

FCC 47 CFR PART 15 SUBPART C

CERTIFICATION TEST REPORT

For

Stripe Reader M2

MODEL NUMBER: STRM2, CHB3B

REPORT NUMBER: 4792069165-1-RF-3

ISSUE DATE: June 16, 2026

FCC ID:2A2ES-STRM2V2

Prepared for

Stripe, Inc.

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Prepared by

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Revision History

<u>Rev.</u>	<u>Issue Date</u>	<u>Revisions</u>	<u>Revised By</u>
V0	June 16, 2026	Initial Issue	

Summary of Test Results			
Clause	Test Items	FCC Rules	Test Results
1	Transmitter 99% Emission Bandwidth / 20dB Bandwidth	Part 15.215 (c)	PASS
2	Transmitter Frequency Stability (Temperature & Voltage Variation)	FCC 47 CFR §15.225(e)	PASS
3	Fundamental Field Strength	FCC 47 CFR §15.225(a)(b)(c)(d)	PASS
4	Radiated Emissions	FCC 47 CFR§15.209(a) FCC 47 CFR§15.225(d)	PASS
5	Band Edge Radiated Emissions	FCC 47 CFR §15.209(a) FCC 47 CFR §15.225(c)(d)	PASS
6	AC Power Line Conducted Emission	FCC Part 15.207	PASS
7	Antenna Requirement	FCC 47 CFR §15.203	PASS
Note 1: This test report is only published to and used by the applicant, and it is not for evidence purpose in China. Note 2: The measurement result for the sample received is <Pass> according to < FCC 47 CFR PART 15 SUBPART C> when <Simple Acceptance> decision rule is applied.			

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: Stripe, Inc.
Address: 354 Oyster Point Blvd, South San Francisco, CA 94080, USA

Manufacturer Information

Company Name: Stripe, Inc.
Address: 354 Oyster Point Blvd, South San Francisco, CA 94080, USA

EUT Information

EUT Name: Stripe Reader M2
Model: STRM2
Series Model Number: CHB3B
Model Difference: They are all the same except the model name.
Brand: Stripe
Sample Received Date: February 14, 2026
Sample Status: Normal
Sample ID: 9475436
Date of Tested: March 4, 2026 to June 16, 2026

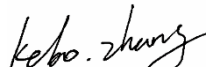
APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC 47 CFR PART 15 SUBPART C	PASS

Prepared By:



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Checked By:



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2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with KDB 414788 D01 Radiated Test Site v01r01, FCC CFR 47 Part 2, FCC CFR 47 Part 15, ANSI C63.10-2020, ANSI C63.10-2020+Cor.1-2023.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	A2LA (Certificate No.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA. FCC (FCC Designation No.: CN1187) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules. ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046. VCCI (Registration No.: C-20202, G-20240, R-20248 and T-20202) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber E, the VCCI registration No. is G-20240 and R-20248 Shielding Room F, the VCCI registration No. is C-20202 and T-20202
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Note 1:

All tests measurement facilities use to collect the measurement data are located at Room 101, Building 2, No.4, Information Road, Songshan Lake, Dongguan, Guangdong, China.

Note 2:

The test anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.

Note 3:

For below 30 MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30 MHz had been correlated to measurements performed on an OFS.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognize national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Uncertainty
Conduction emission	3.62 dB
Radiation Emission test (include Fundamental emission) (9KHz-30MHz)	4.36 dB
Radiation Emission test (include Fundamental emission) (30MHz-1GHz)	4.47 dB
Radiation Emission test (1GHz to 26GHz) (include Fundamental emission)	5.65 dB (1 GHz ~ 18 GHz)
	4.73 dB (18 GHz ~ 26 GHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

Remark: For Radiated Emission measurements (200 MHz - 18 GHz), the EUT support table is made of Expanded Polystyrene (EPS). This material is characterized by a low dielectric constant, as recognized in CISPR 16-1-4, to minimize its influence on field strength measurements. This influence has been considered in the uncertainty budget.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name	Stripe Reader M2
Model	STRM2
Series Model Number	CHB3B
Model Difference	They are all the same except the model name.
Frequency	13.56 MHz
Normal Test Voltage:	DC 3.7V 520mAh or DC 5V via USB-C

Pre-scans for both power supply methods have been completed; only the worst-case test results are recorded in the report.

5.2. MAXIMUM FIELD STRENGTH

Frequency (MHz)	Max Peak field strength @30m (dB μ V/m)
13.56	12.06

5.3. DESCRIPTION OF AVAILABLE ANTENNAS

Frequency (MHz)	Antenna Type	Antenna Gain (dBi)
13.56	Pattern antenna	0

5.4. TEST ENVIRONMENT

Environment Parameter	Selected Values During Tests	
Relative Humidity	45 ~ 65%	
Atmospheric Pressure:	1025Pa	
Temperature	TN	0 ~ 45°C
Voltage:	VL	DC 3.33V
	VN	DC 3.7V
	VH	DC 4.07V

Note: VL= Lower Extreme Test Voltage

VN= Nominal Voltage

VH= Upper Extreme Test Voltage

TN= Normal Temperature

5.5. SUPPORT UNITS FOR SYSTEM TEST

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name	Remark
1	TRAVEL CHARGER	/	Q3W18-1U-A	INPUT: AC 100~240V 50/60Hz 0.5A MAX OUTPUT: DC 5V 3A/9V 2A/12V 1.5A

I/O CABLES

Cable No	Port	Connector Type	Cable Type	Cable Length(m)	Remarks
1	USB	/	/	1.0	/

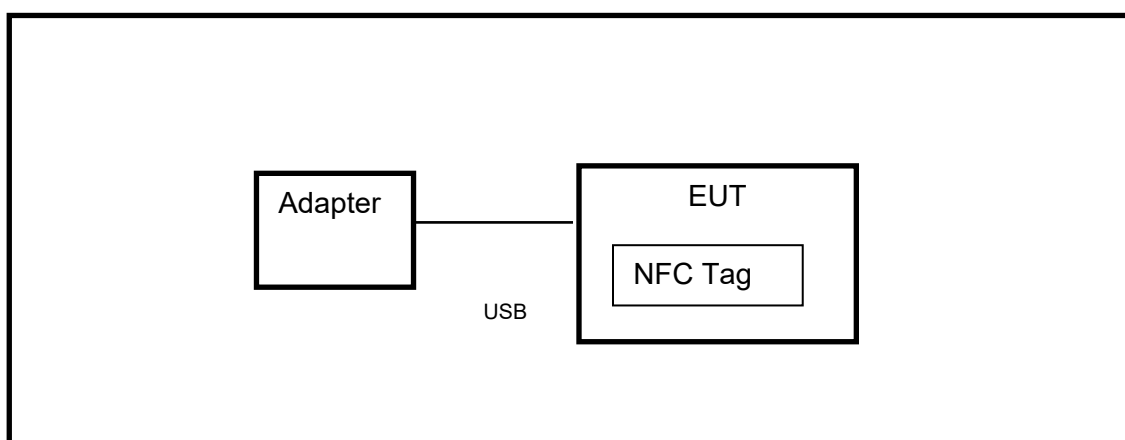
ACCESSORIES

Item	Accessory	Brand Name	Model Name	Description
/	/	/	/	/

TEST SETUP

The EUT can work in NFC mode with tag.

SETUP DIAGRAM FOR TESTS



Note: Adapter is used for AC Conducted Power Line Emission test only.

5.6. MEASURING INSTRUMENT AND SOFTWARE USED

Radiated Emissions						
Equipment		Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
MXE EMI Receiver		KESIGHT	N9038A	MY56400036	Sep.12, 2025	Sep.11, 2026
Hybrid Log Periodic Antenna		TDK	HLP-3003C	130960	Jun. 28, 2024	Jun. 27, 2027
Preamplifier		HP	8447F	2944A03683	Sep. 12, 2025	Sep. 11, 2026
Loop antenna		Schwarzbeck	1519B	00008	Dec.09, 2024	Dec.08, 2027
Preamplifier		TDK	PA-02-0118	TRS-305-00067	Sep. 12, 2025	Sep. 11, 2026
Preamplifier		TDK	PA-02-2	TRS-307-00003	Sep.12, 2025	Sep.12, 2025
Temperature & Humidity Chamber		SANMOOD	SG-80-CC-2	2088	Sep.12, 2025	Sep.11, 2026
Software						
Description			Manufacturer		Name	Version
Test Software for Radiated Emissions			Farad		EZ-EMC	Ver. UL-3A1
Other instruments						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
☒	Temperature humidity probe	OMEGA	ITHX-SD-5	18470007	Sep.16, 2025	Sep.15, 2026

Conducted Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
EMI Test Receiver	R&S	ESR3	101961	Sep. 12, 2025	Sep. 11, 2026
Two-Line V-Network	R&S	ENV216	101983	Sep. 12, 2025	Sep. 11, 2026
Software					
Description		Manufacturer		Name	Version
Test Software for Conducted Emissions		Farad		EZ-EMC	Ver. UL-3A1

6. ANTENNA PORT TEST RESULTS

6.1. 99% & 20dB BANDWIDTH

LIMITS

Section	Test Item	Limit
ANSI C63.10 Section 6.9	20dB Bandwidth	For reporting purposes only.
ISED RSS-Gen Clause 6.7 Issue 5	99 % Occupied Bandwidth	For reporting purposes only.

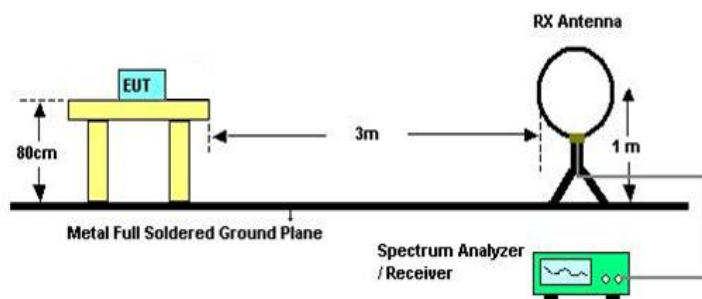
TEST PROCEDURE

1. The EUT was placed on a turntable with 80 cm above ground. The EUT was set 3 meters from the receiving antenna, which was mounted on the top of a 1 m height antenna tower. The receiving antenna was connected to spectrum analyzer.
2. The RBW is set to 1 kHz. The VBW is set to 3 times the RBW. The sweep time is coupled. The spectrum analyzer internal 99%/20dB bandwidth function is utilized.
3. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp is used for the test in order to get better signal level.

Note: Because the measured signal is CW or CW-like adjusting the RBW per C63.10 would not be practical since measured bandwidth will always follow the RBW and the result will be approximately twice the RBW.

The type of band for the signal is narrowband.

TEST SETUP

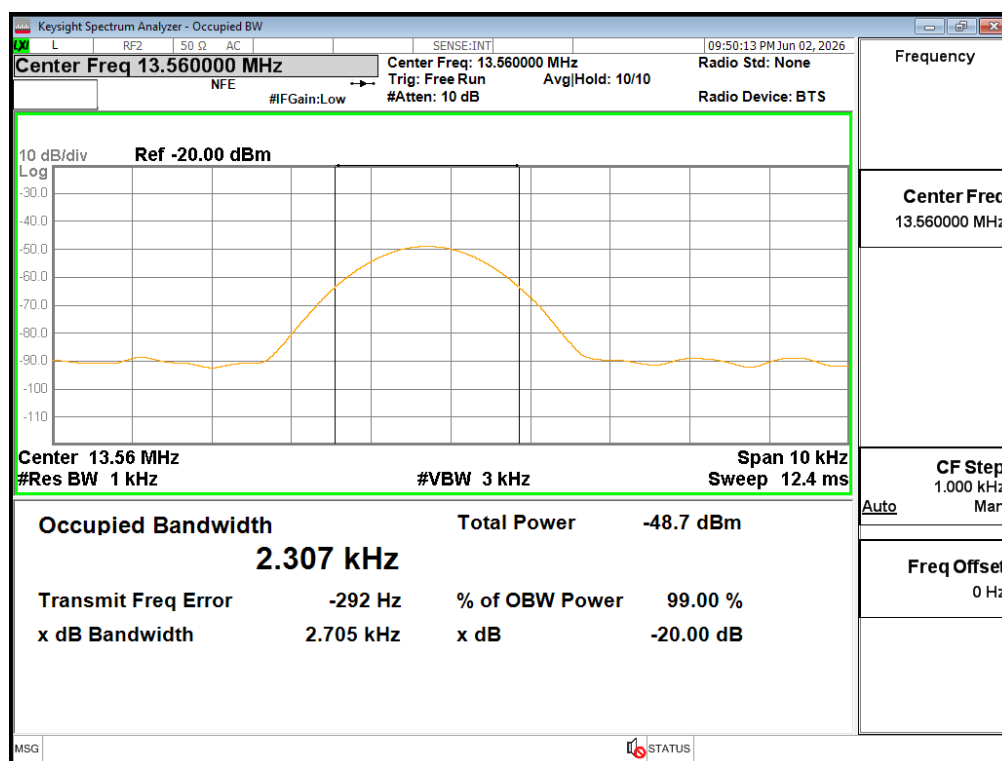


TEST ENVIRONMENT

Temperature	21.7 °C	Relative Humidity	62.4 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 3.7V

RESULTS

Frequency (MHz)	99% Occupied Bandwidth (kHz)	20dB bandwidth (kHz)
13.56	2.307	2.705



6.2. TRANSMITTER FREQUENCY STABILITY

LIMITS

FCC 47 CFR §15.225(e)

The frequency tolerance of the carrier signal shall be maintained within $\pm 0.01\%$ of the operating frequency over a temperature variation of 0 degrees to + 40 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C.

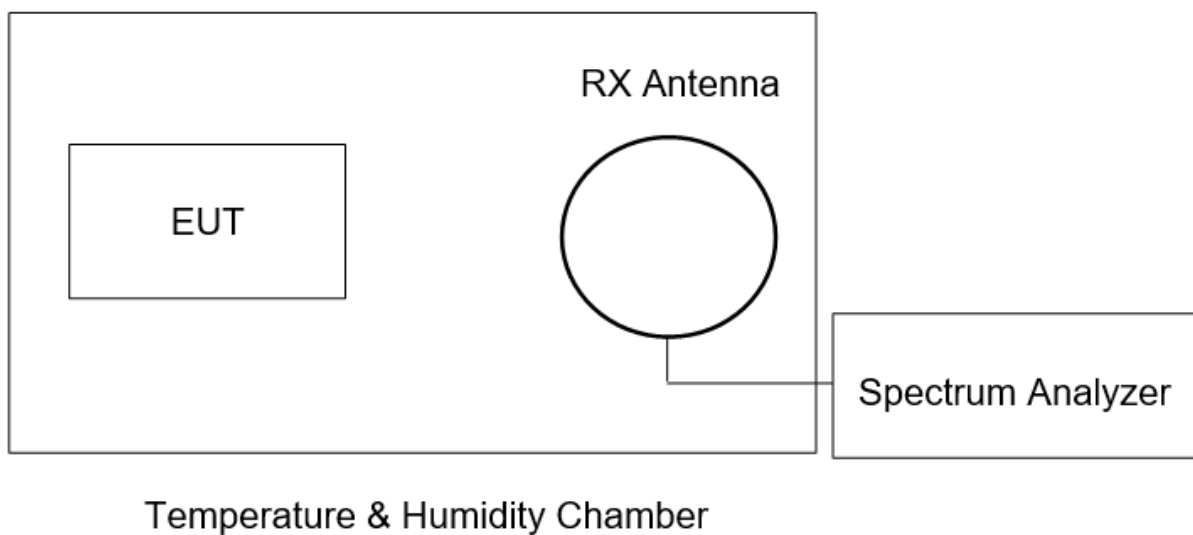
TEST SETUP AND PROCEDURE

Connect the UUT to the spectrum analyser and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	PEAK
RBW	10 kHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

1. The EUT was placed in a Temperature & Humidity Chamber. The EUT was set to align the receiving antenna which was connected to spectrum analyzer outside the Temperature & Humidity Chamber.
2. Allow the trace to stabilize, find the peak value of the power envelope and record the frequency, then calculated the frequency drift.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.1 °C	Relative Humidity	68 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 3.7V

RESULTS

Maximum frequency error of the EUT with variations in ambient temperature 0 °C ~ 45°C

Temperature (°C)	Time after Start-up			
	0 minutes	2 minutes	5 minutes	10 minutes
0	13.5609	13.5596	13.5610	13.5604
10	13.5594	13.5607	13.5605	13.5609
20	13.5592	13.5596	13.5596	13.5603
30	13.5599	13.5600	13.5597	13.5602
40	13.5598	13.5590	13.5610	13.5602
45	13.5594	13.5595	13.5594	13.5598
Maximum frequency error	0.0066%	0.0074%	0.0074%	0.0088%
Limit	0.01%			
Result	Pass	Pass	Pass	Pass

Maximum frequency error of the EUT with variations in nominal operating voltage at an ambient 20 degrees C temperature.

Supply Voltage (V)	Time after Start-up			
	0 minutes	2 minutes	5 minutes	10 minutes
DC 3.33V	13.5598	13.5593	13.5597	13.5600
DC 3.7V	13.5589	13.5610	13.5612	13.5608
DC 4.07V	13.5596	13.5598	13.5603	13.5609
Maximum frequency error	0.0081%	0.0074%	0.0088%	0.0066%
Limit	0.01%			
Result	Pass	Pass	Pass	Pass

7. RADIATED EMISSION TEST RESULTS

LIMITS

Fundamental field strength

FCC Reference:	Part 15.225(a)(b)(c)(d) & 15.209(a)
Test Method Used:	ANSI C63.10 Sections 6.3, 6.4 and 6.5

Frequency (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measured Distance (Meters)
13.553-13.567	15848	84	30
13.410-13.553/13.567-13.710	334	50.47	30
13.110-13.410/13.710-14.010	106	40.51	30

Note(s):

1. The field strength of any emissions appearing outside of the 13.110-14.010 MHz band shall not exceed the general radiated emission limits in §15.209.

2. The limit is specified at a test distance of 30 meters. However, as specified by FCC Section 15.31 (f)(2), measurements may be performed at a closer distance and the measured level corrected to the specified measurement distance by using the square of an inverse linear distance extrapolation factor (40dB/decade).

Radiation Disturbance Test Limit for FCC (Class B) (9KHz-1GHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

Note: 1) At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

(2) At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). This paragraph (f) shall not apply to Access BPL devices operating below 30MHz.

Restricted bands of operation

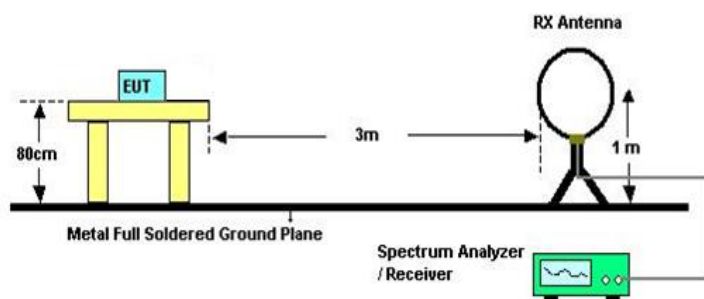
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

Note: ¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

²Above 38.6c

TEST SETUP AND PROCEDURE

Below 30 MHz

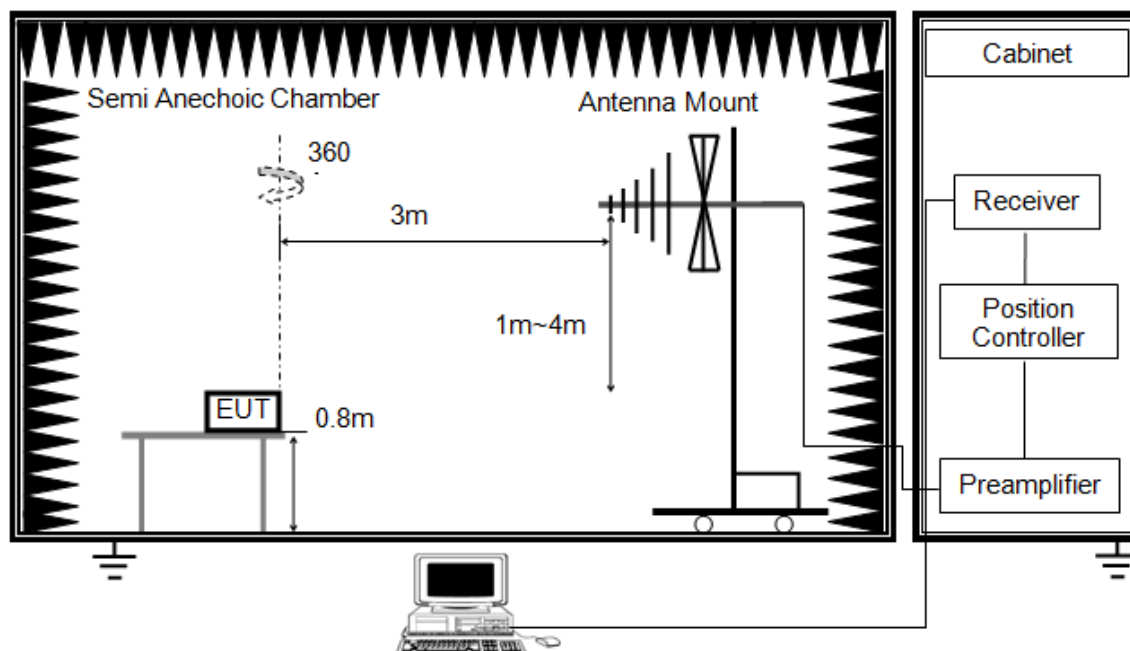


The setting of the spectrum analyser

RBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
VBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
Sweep	Auto
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2020 clause 6.4.
2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1 m height antenna tower.
5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.
6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak and average detector and reported.
7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.
8. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω ; For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y-51.5 = Z$ dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

Below 1G

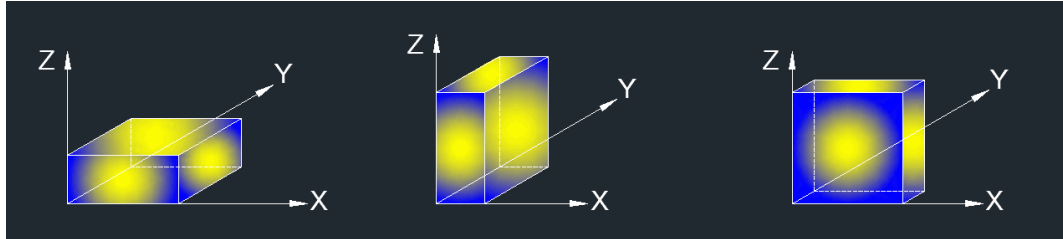


The setting of the spectrum analyser

RBW	120K
VBW	300K
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2020 clause 6.5.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80cm above ground.
4. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
5. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
6. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
7. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.

X axis, Y axis, Z axis positions:



Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

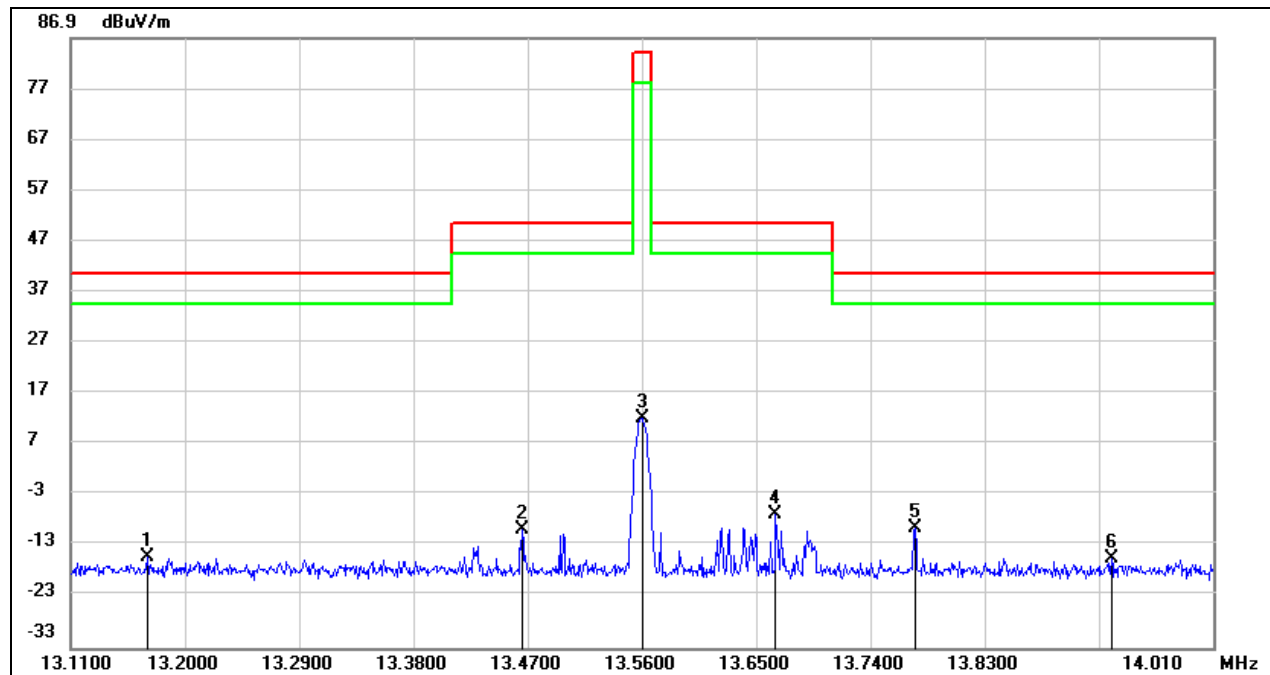
TEST ENVIRONMENT

Temperature	23.4 °C	Relative Humidity	58 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 3.7V

RESULTS

7.1. FIELD STRENGTH OF INTENTIONAL EMISSIONS

FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOOP ANTENNA FACE ON TO THE EUT)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13.1703	35.95	-51.19	-15.24	40.51	-55.75	peak
2	13.4655	41.31	-51.17	-9.86	50.47	-60.33	peak
3	13.5600	63.23	-51.17	12.06	84.00	-71.94	peak
4	13.6653	44.28	-51.16	-6.88	50.47	-57.35	peak
5	13.7751	41.70	-51.15	-9.45	40.51	-49.96	peak
6	13.9299	35.52	-51.14	-15.62	40.51	-56.13	peak

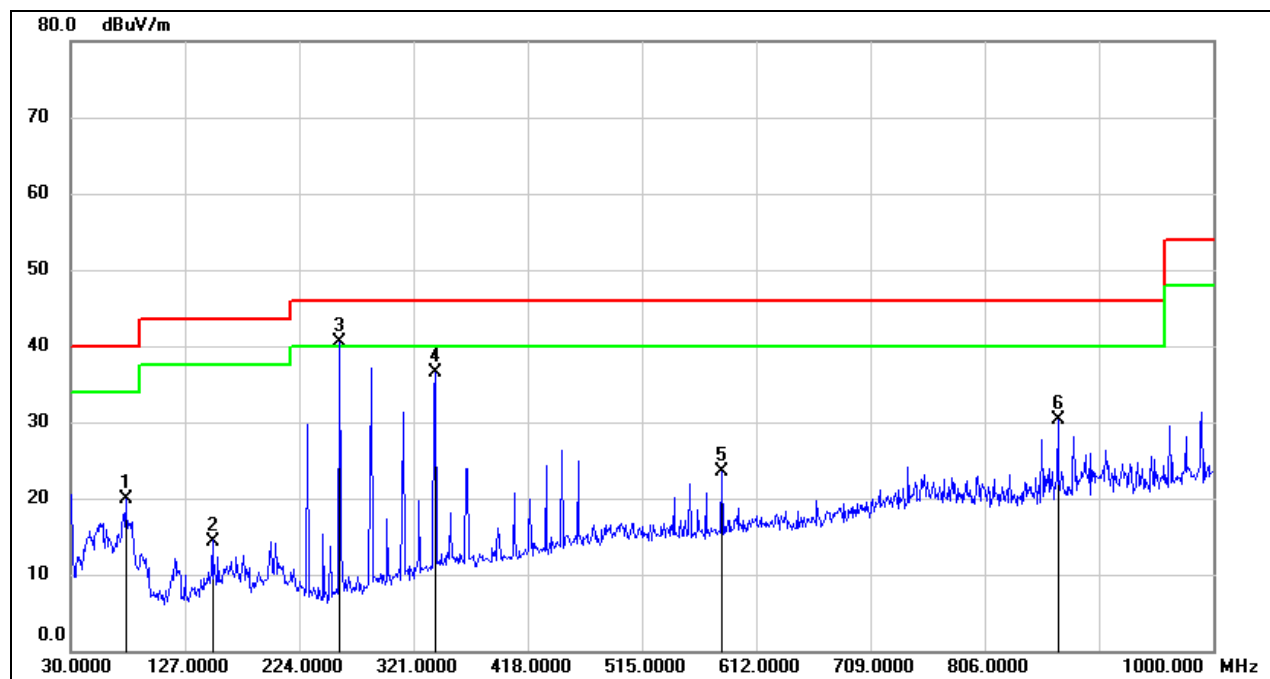
Note: 1. Result Level = Read Level + Correct Factor.

2. The test result is for 30m, the distance extrapolation factor (40dB/decade) has been considered in the test result.

3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

7.2. SPURIOUS EMISSIONS BELOW 1GHz AND ABOVE 30MHz

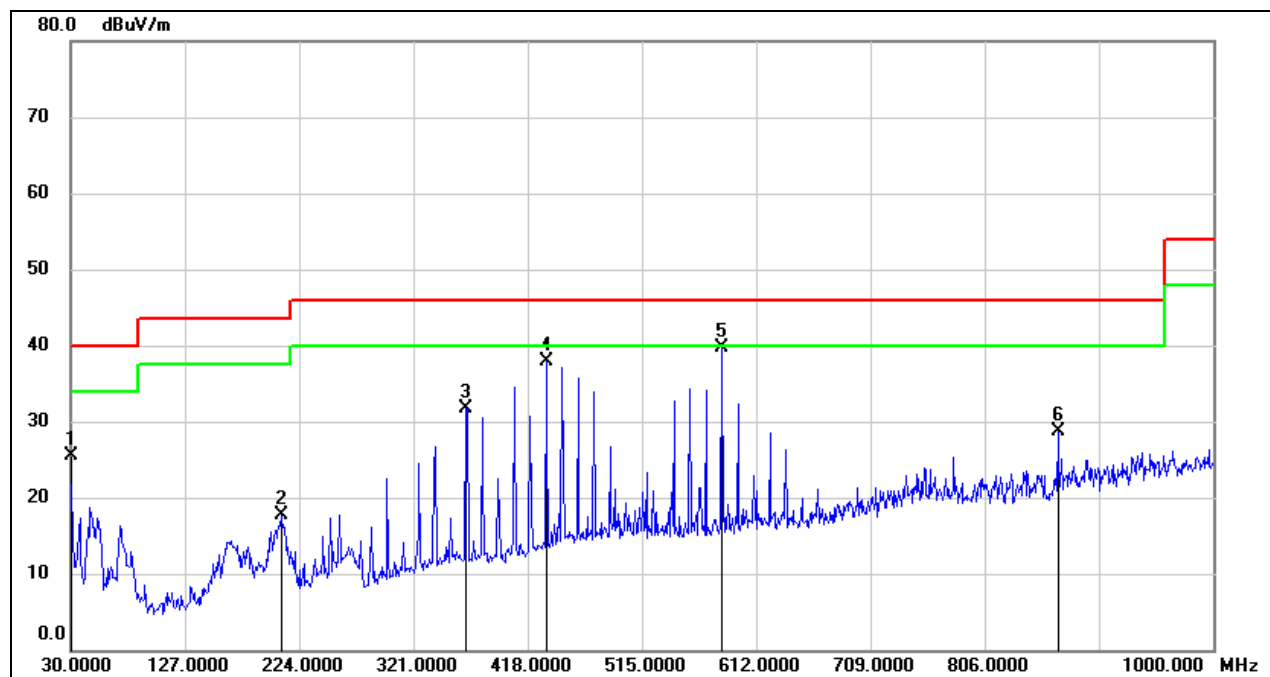
SPURIOUS EMISSIONS (HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	76.5600	36.18	-16.30	19.88	40.00	-20.12	peak
2	150.2800	27.54	-13.14	14.40	43.50	-29.10	peak
3	257.9500	54.53	-14.05	40.48	46.00	-5.52	peak
4	339.4300	46.08	-9.49	36.59	46.00	-9.41	peak
5	582.9000	29.34	-5.82	23.52	46.00	-22.48	peak
6	868.0800	32.04	-1.72	30.32	46.00	-15.68	peak

Note: 1. Result Level = Read Level + Correct Factor.

HARMONICS AND SPURIOUS EMISSIONS (VERTICAL)



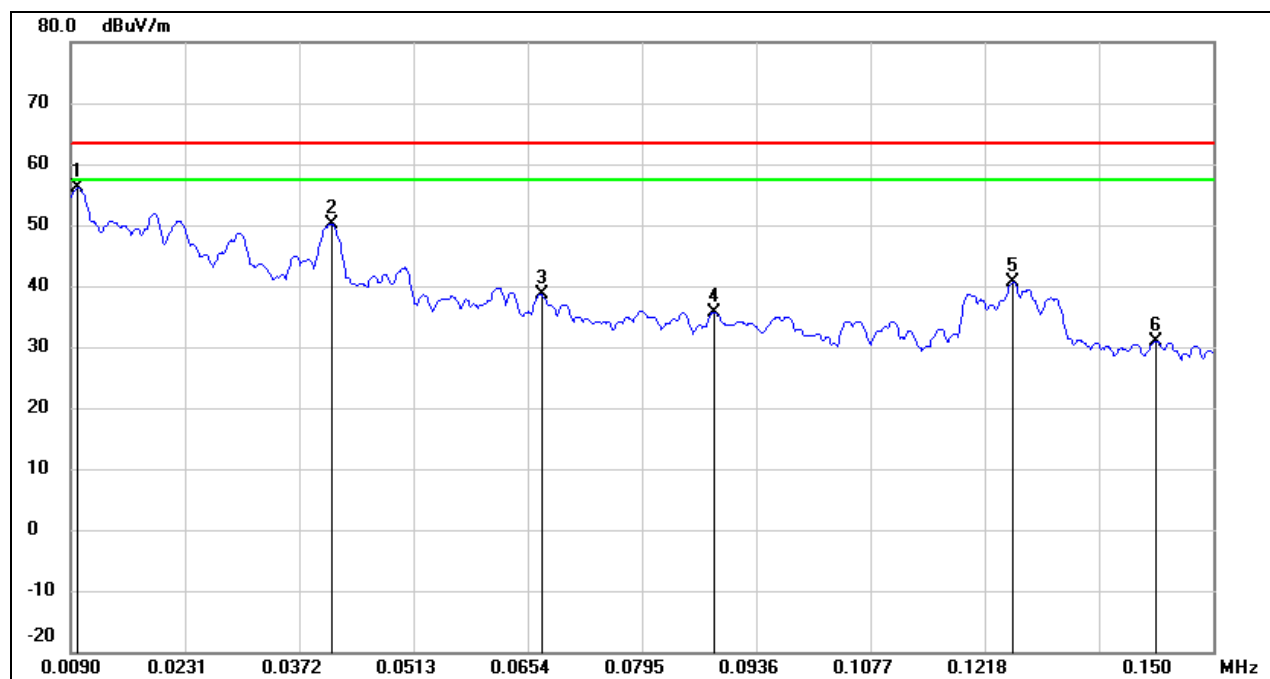
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	39.94	-14.52	25.42	40.00	-14.58	peak
2	208.4800	30.06	-12.35	17.71	43.50	-25.79	peak
3	365.6200	40.96	-9.17	31.79	46.00	-14.21	peak
4	433.5200	46.16	-8.26	37.90	46.00	-8.10	peak
5	582.9000	45.45	-5.82	39.63	46.00	-6.37	peak
6	868.0800	30.42	-1.72	28.70	46.00	-17.30	peak

Note: 1. Result Level = Read Level + Correct Factor.

7.3. SPURIOUS EMISSIONS BELOW 30MHz

SPURIOUS EMISSIONS (LOOP ANTENNA FACE ON TO THE EUT)

9 kHz~ 150 kHz



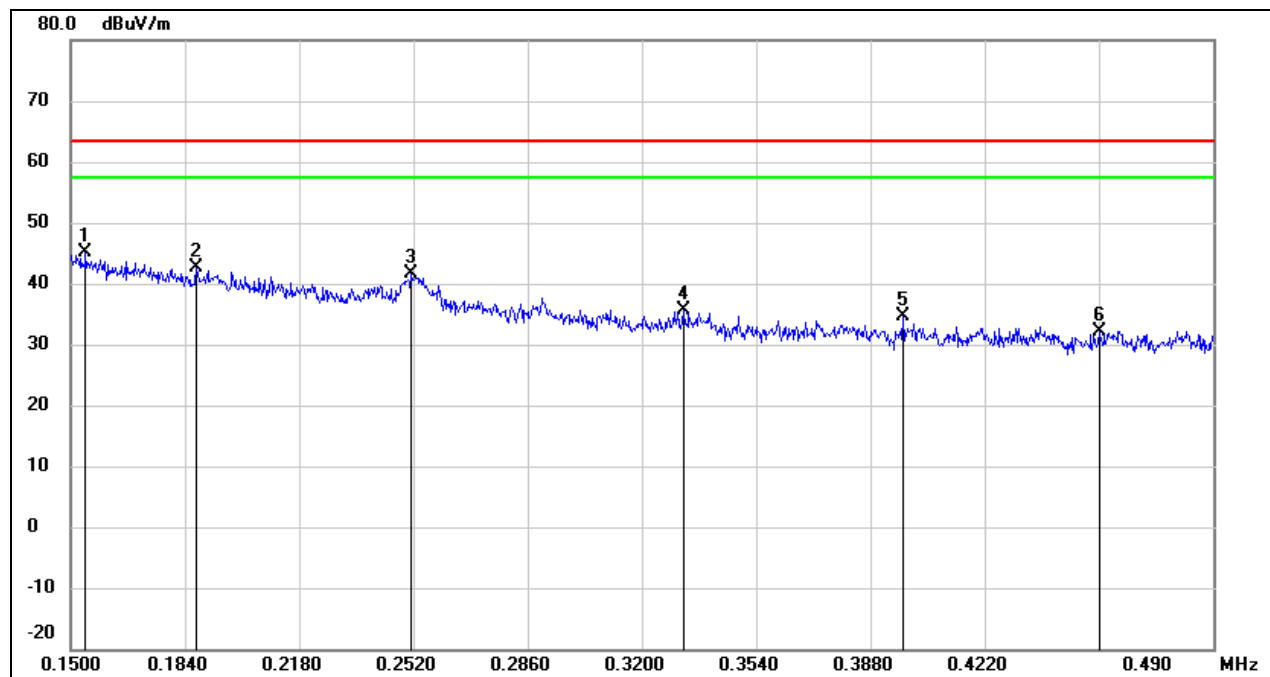
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0098	66.43	-10.35	56.08	63.50	-7.42	peak
2	0.0411	61.72	-11.48	50.24	63.50	-13.26	peak
3	0.0670	51.19	-12.64	38.55	63.50	-24.95	peak
4	0.0884	48.44	-12.74	35.70	63.50	-27.80	peak
5	0.1253	53.13	-12.51	40.62	63.50	-22.88	peak
6	0.1429	43.27	-12.39	30.88	63.50	-32.62	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

150 kHz ~ 490 kHz



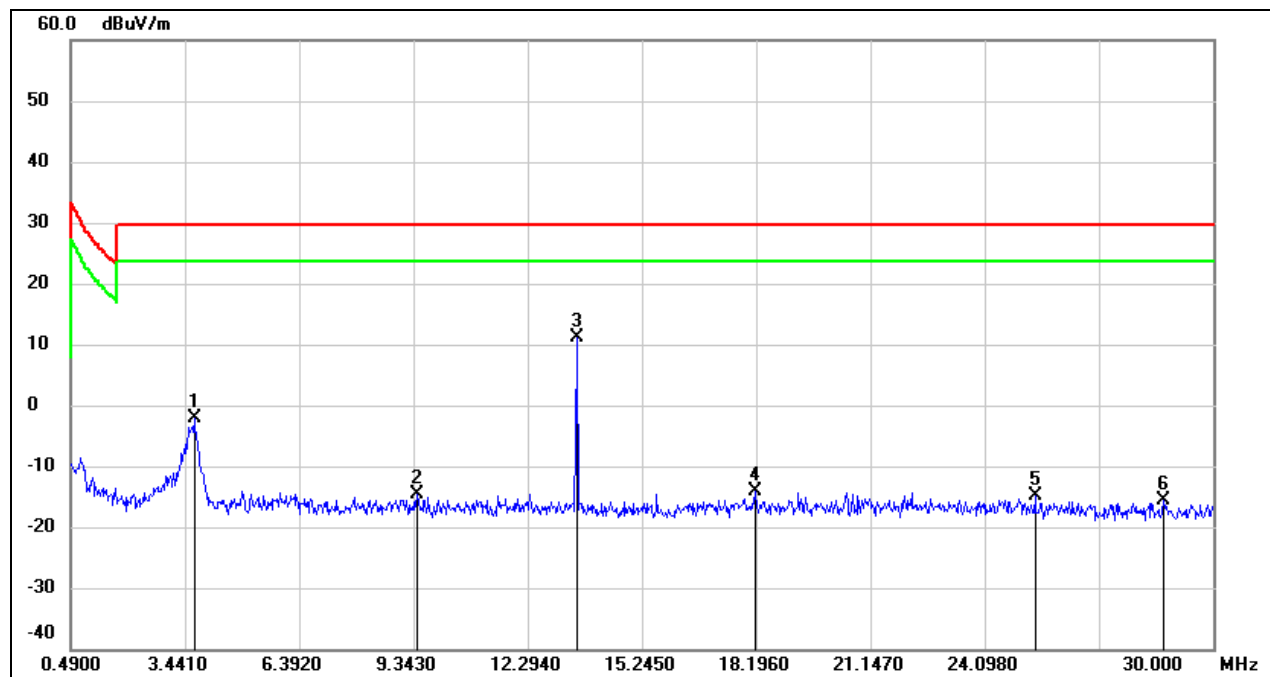
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1544	57.33	-12.31	45.02	63.50	-18.48	peak
2	0.1874	54.62	-12.07	42.55	63.50	-20.95	peak
3	0.2513	53.87	-12.23	41.64	63.50	-21.86	peak
4	0.3322	48.19	-12.54	35.65	63.50	-27.85	peak
5	0.3975	47.26	-12.72	34.54	63.50	-28.96	peak
6	0.4560	45.06	-12.84	32.22	63.50	-31.28	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

490 kHz ~ 30 MHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3.6771	49.27	-51.37	-2.10	29.54	-31.64	peak
2	9.4315	36.61	-51.32	-14.71	29.54	-44.25	peak
3	13.5629	62.41	-51.17	11.24	29.54	-18.30	peak
4	18.1665	36.64	-50.65	-14.01	29.54	-43.55	peak
5	25.3964	35.03	-49.80	-14.77	29.54	-44.31	peak
6	28.7311	34.54	-50.18	-15.64	29.54	-45.18	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

4. About the Fundamental emission test result please refer to section 7.1.

8. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

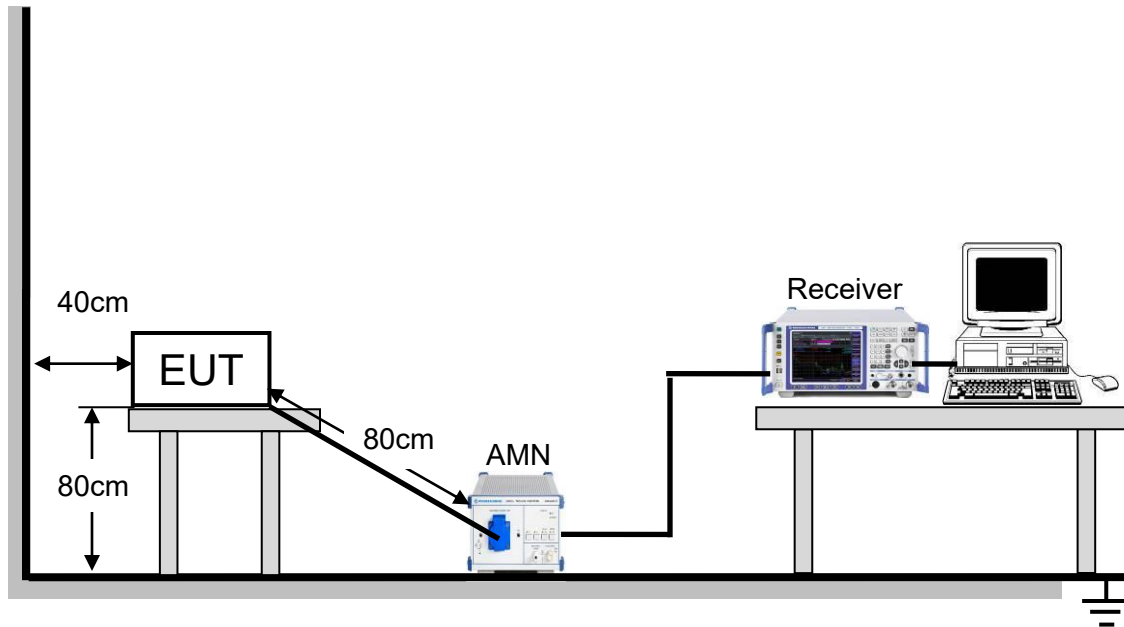
Please refer to FCC 47 CFR §15.207 (a).

FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

TEST SETUP AND PROCEDURE



The following table is the setting of the receiver

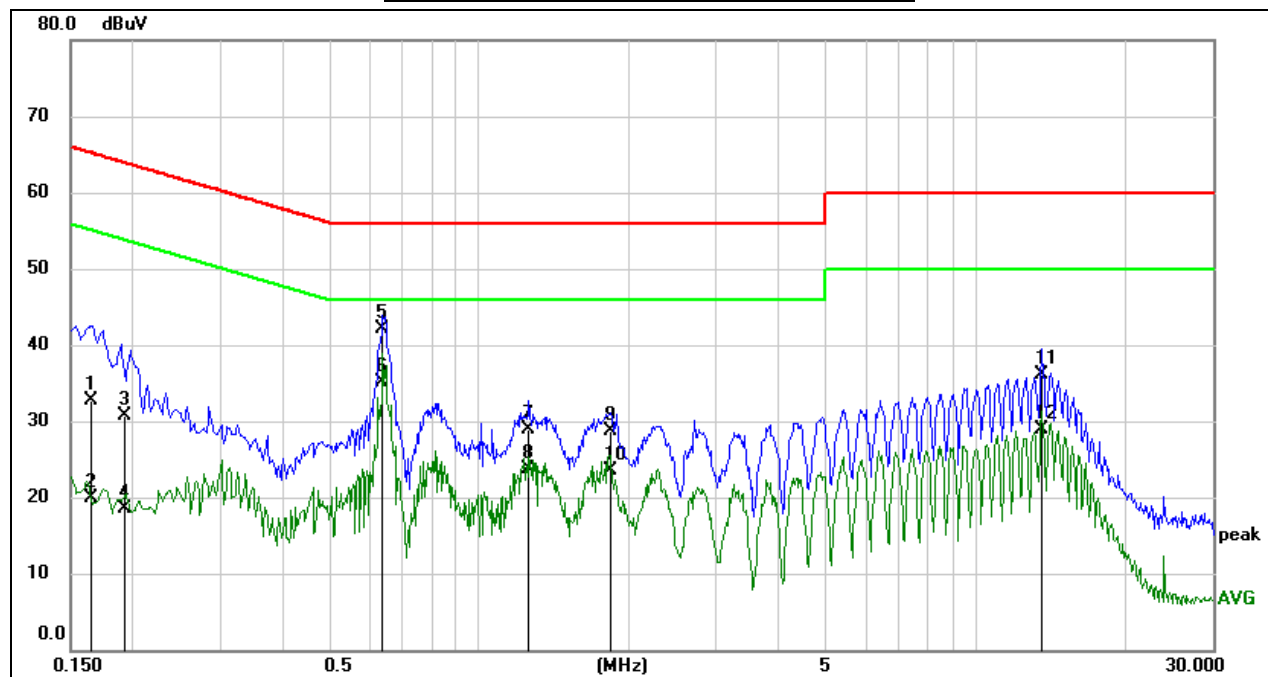
Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

1. The testing follows the guidelines in ANSI C63.10-2020.
2. The EUT was placed on the top of a rotating table 0.8 meters above the horizontal ground plane and being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
3. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
4. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
5. LISN at least 80 cm from nearest part of EUT chassis.
6. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode.
7. The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST ENVIRONMENT

Temperature	22.8℃	Relative Humidity	58%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V_60Hz

LINE N RESULTS with unmodified sample



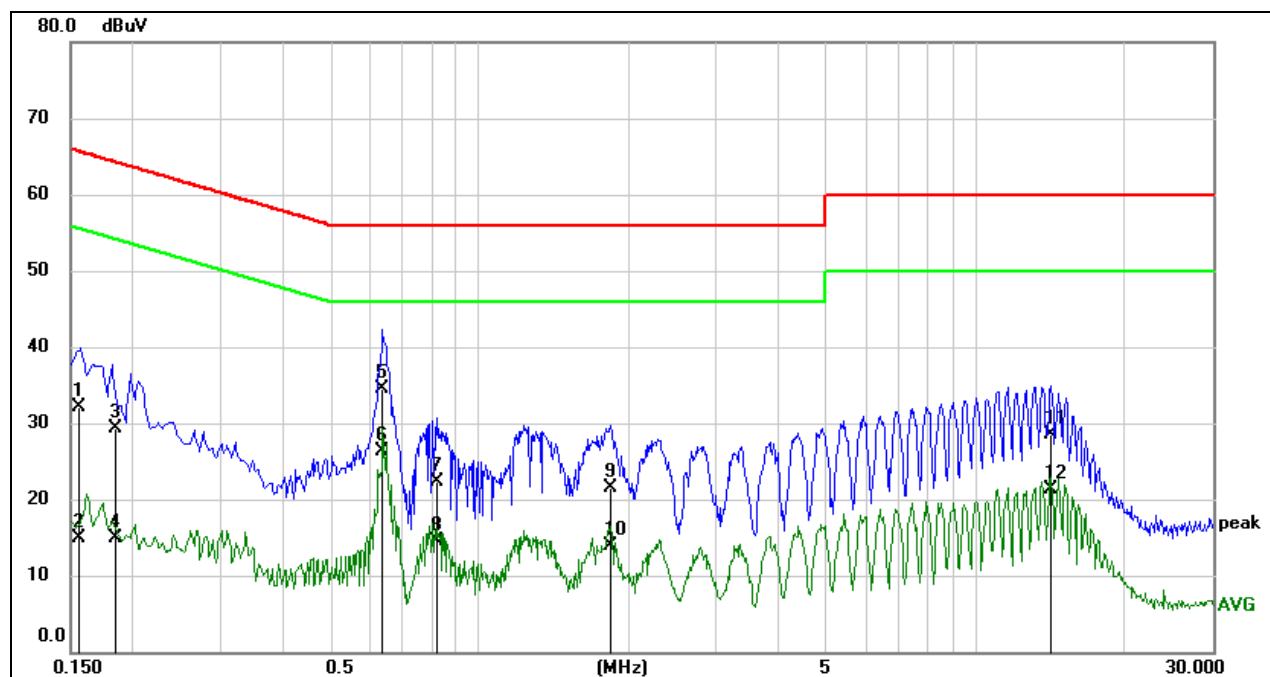
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1648	22.93	9.78	32.71	65.22	-32.51	QP
2	0.1648	10.20	9.78	19.98	55.22	-35.24	AVG
3	0.1926	20.96	9.67	30.63	63.92	-33.29	QP
4	0.1926	8.87	9.67	18.54	53.92	-35.38	AVG
5	0.6398	32.53	9.59	42.12	56.00	-13.88	QP
6	0.6398	25.59	9.59	35.18	46.00	-10.82	AVG
7	1.2539	19.10	9.73	28.83	56.00	-27.17	QP
8	1.2539	14.01	9.73	23.74	46.00	-22.26	AVG
9	1.8348	18.95	9.74	28.69	56.00	-27.31	QP
10	1.8348	13.69	9.74	23.43	46.00	-22.57	AVG
11	13.5590	26.39	9.78	36.17	60.00	-23.83	QP
12	13.5590	19.13	9.78	28.91	50.00	-21.09	AVG

Note: 1. Result = Reading +Correct Factor.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. The EUT is powered by a battery, and it cannot operate while the battery is charging.

LINE L RESULTS with unmodified sample



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1552	22.24	9.82	32.06	65.72	-33.66	QP
2	0.1552	5.11	9.82	14.93	55.72	-40.79	AVG
3	0.1845	19.54	9.70	29.24	64.28	-35.04	QP
4	0.1845	5.21	9.70	14.91	54.28	-39.37	AVG
5	0.6396	24.87	9.59	34.46	56.00	-21.54	QP
6	0.6396	16.72	9.59	26.31	46.00	-19.69	AVG
7	0.8245	12.70	9.61	22.31	56.00	-33.69	QP
8	0.8245	4.98	9.61	14.59	46.00	-31.41	AVG
9	1.8228	11.85	9.74	21.59	56.00	-34.41	QP
10	1.8228	4.18	9.74	13.92	46.00	-32.08	AVG
11	14.1171	18.63	9.80	28.43	60.00	-31.57	QP
12	14.1171	11.48	9.80	21.28	50.00	-28.72	AVG

Note: 1. Result = Reading +Correct Factor.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. The EUT is powered by a battery, and it cannot operate while the battery is charging.

9. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

Please refer to FCC §15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

RESULTS

Complies

END OF REPORT