

TEST REPORT

Applicant Name: Inrico Technologies Co.,Ltd
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No. 20 Gaoxin South 7th Road, Shenzhen, China
Report Number: 2501T17664E-RFF
FCC ID: 2AIV6-T740A
IC: 26136-T740A

Test Standard (s)

FCC PART 15.225

RSS-GEN ISSUE 5, FEBRUARY 2021 AMENDMENT 2; RSS-210, ISSUE 11, JUNE 25, 2024

Sample Description

Product Type: 4G LTE Terminal
Model No.: T740A
Multiple Model(s) No.: N/A
Trade Mark: Inrico
Date Received: 2025-05-21
Issue Date: 2025-09-25

Test Result:	Pass▲
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▲ In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

Jim Cheng

Jim Cheng
RF Engineer

Approved By:

Nancy Wang

Nancy Wang
RF Supervisor

Note: The information marked * is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included.

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	2501T17664E-RFF	Original Report	2025-09-25

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

HVIN	T740A
FVIN	T740A_P2A_ZRK_01EU_ZX
Product	4G LTE Terminal
Tested Model	T740A
Multiple Model(s) (for FCC only)	N/A
Frequency Range	13.56 MHz
E-field Strength	69.46dBuV/m@3m
Modulation Technique	ASK
Voltage Range	DC 3.7V from battery or DC 5V from Adapter/Charging Dock
Sample serial number	338A-7 (Assigned by BACL, Shenzhen)
Sample/EUT Status	Good condition
Adapter Information	Model: HJ-0502000W2-US Input: AC 100-240V, 50/60Hz, 0.3A Output: DC 5.0V, 2.0A, 10.0W
Note: The EUT has two kinds of headset port that Type 1 and Type 2 are electrically identical. Please refer to the EUT Photo for more detail. Per BT report test, conducted emissions test and radiated emissions below 1GHz test with Type2 was the worst. All the test item only test on Type 2.	

Objective

This Type approval report is in accordance with Part 2- Subpart J, and Part 15-Subparts A and C of the Federal Communication Commissions rules, RSS-GEN Issue 5, February 2021 Amendment 2 and RSS-210, Issue 11, June 25, 2024 of the Innovation, Science and Economic Development Canada.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2020 + Cor.1-2023▼.

All emissions measurement was performed at Bay Area Compliance Laboratories Corp. (Shenzhen). The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

Each test item follows test standards and with no deviation.

Measurement Uncertainty

Parameter		Uncertainty
Occupied Channel Bandwidth		109.2kHz(k=2, 95% level of confidence)
RF Frequency		56.6Hz(k=2, 95% level of confidence)
AC Power Lines Conducted Emissions	9kHz-150kHz	3.63dB(k=2, 95% level of confidence)
	150kHz-30MHz	3.66dB(k=2, 95% level of confidence)
Radiated Emissions	0.009MHz~30MHz	3.60dB(k=2, 95% level of confidence)
	30MHz~200MHz (Horizontal)	5.32dB(k=2, 95% level of confidence)
	30MHz~200MHz (Vertical)	5.43dB(k=2, 95% level of confidence)
	200MHz~1000MHz (Horizontal)	5.77dB(k=2, 95% level of confidence)
	200MHz~1000MHz (Vertical)	5.73dB(k=2, 95% level of confidence)
Temperature		±1°C
Humidity		±1%
Supply voltages		±0.4%

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Shenzhen) to collect test data is located on the 5F(B-West) , 6F, 7F, the 3rd Phase of Wan Li Industrial Building D, Shihua Rd, FuTian Free Trade Zone, Shenzhen, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 715558, the FCC Designation No. : CN5045.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in a typical fashion (as normally used by a typical user)

With or Without Card	NFC Mode
√	Transmitting
×	Standby

EUT Exercise Software

No Exercise Software was used.

Equipment Modifications

No modification on the EUT.

Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Unknown	Receptacle	Unknown	Unknown
Unknown	Card	Unknown	Unknown
Unknown	Earphone	Unknown	Unknown

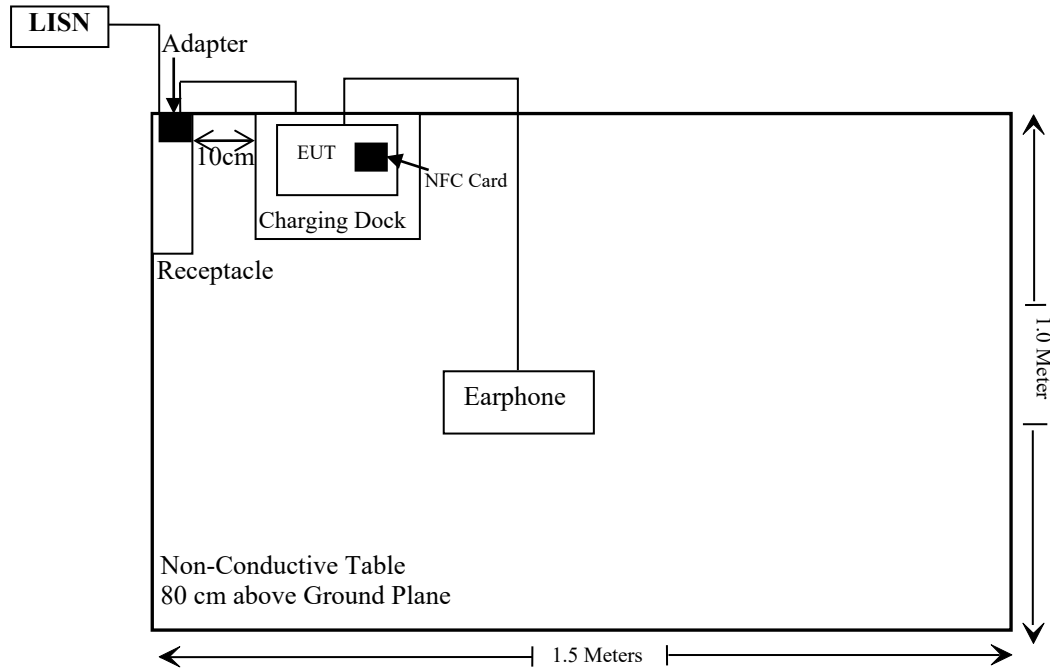
External I/O Cable

Cable Description	Length (m)	From Port	To
Un-shielding Detachable USB Cable	1.0	Charging Dock	Adapter
Un-shielding Detachable Audio Cable	1.8	EUT	Earphone
Un-Shielded Un-detachable AC Cable	1.2	Receptacle	LISN/AC Mains

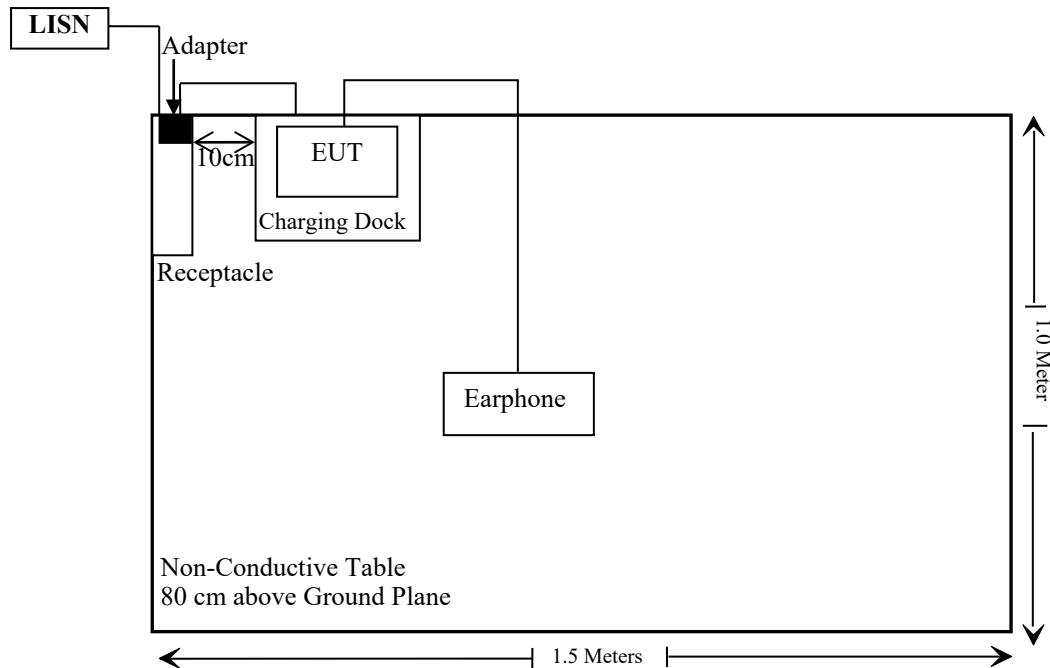
Block Diagram of Test Setup

For Conducted Emission:

With NFC Card:

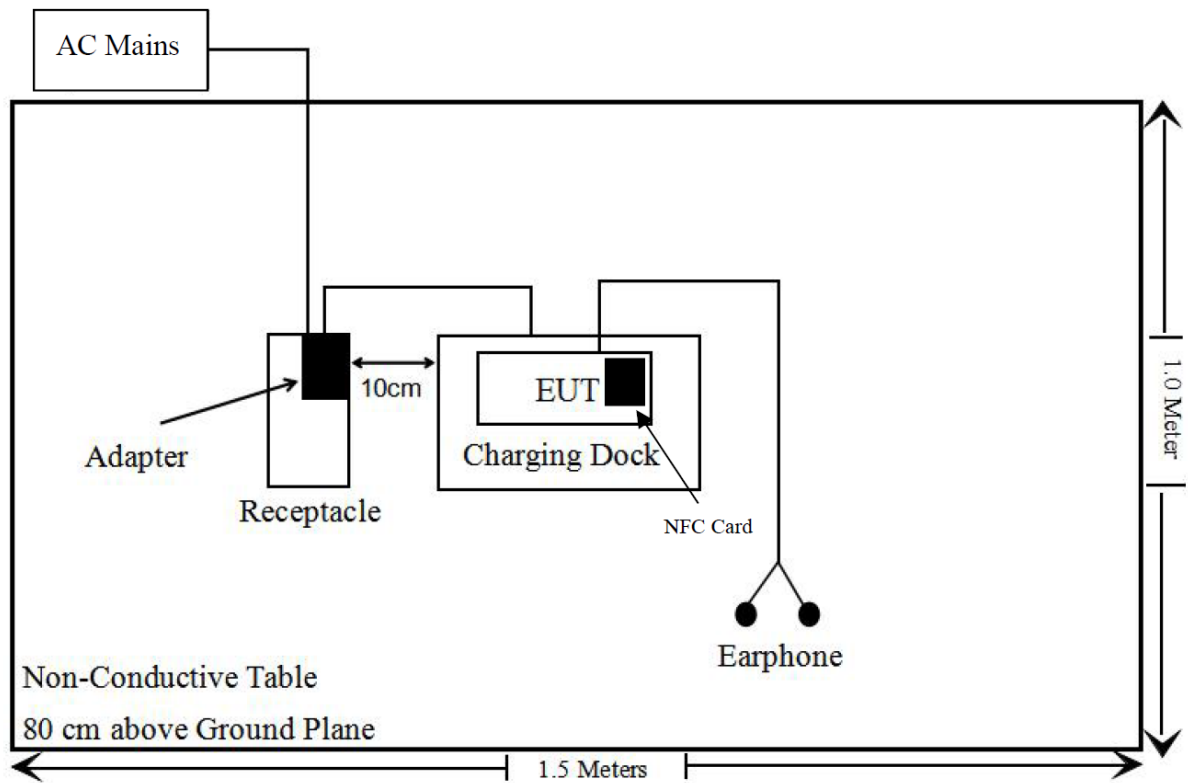


Without NFC Card:

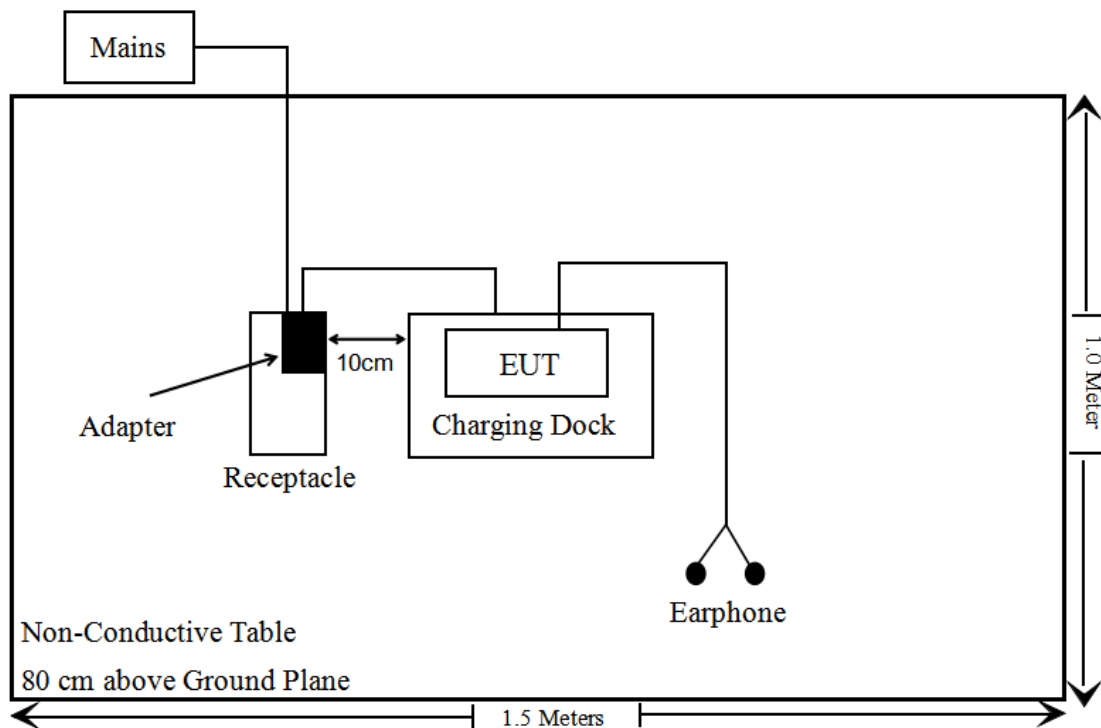


For Radiated Emissions:

With NFC Card:



Without NFC Card:



SUMMARY OF TEST RESULTS

FCC Rules	RSS Rules	Description of Test	Result
§15.203	RSS-Gen §6.8	Antenna Requirement	Compliant
§1.1310 & §2.1093	/	RF Exposure	Compliant
/	RSS-102 § 6.3	SAR Exemption Limits	Compliant
§15.207	RSS-Gen §8.8	AC Line Conducted Emission	Compliant
§15.225 §15.209§15.205	RSS-Gen §8.9& RSS-210 §B.6(a)	Radiated Emission Test	Compliant
§15.225(e)	RSS-210 §B.6(b)	Frequency Stability	Compliant
§15.215(c)	/	20dB Emission Bandwidth	Compliant
/	RSS-Gen §6.7	99% Occupied Bandwidth	Compliant

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted Emissions Test					
Rohde & Schwarz	EMI Test Receiver	ESCI	101120	2024/12/04	2025/12/03
Rohde & Schwarz	LISN	ENV216	101613	2024/12/04	2025/12/03
Rohde & Schwarz	Transient Limiter	ESH3Z2	DE25985	2025/04/29	2026/04/28
Unknown	CE Cable	Unknown	UF A210B-1-0720-504504	2025/04/29	2026/04/28
Audix	EMI Test software	E3	191218(V9)	NCR	NCR
Radiated Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESR3	102455	2024/12/04	2025/12/03
Sonoma instrument	Pre-amplifier	310 N	186238	2025/04/29	2026/04/28
Sunol Sciences	Broadband Antenna	JB1	A040904-1	2023/07/20	2026/07/19
Unknown	Cable	Chamber A Cable 1	N/A	2025/04/29	2026/04/28
Unknown	Cable	XH500C	J-10M-A	2025/04/29	2026/04/28
BACL	Active Loop Antenna	1313-1A	4031911	2024/05/14	2027/05/13
Unknown	Cable	2Y194	0735	2024/12/04	2025/12/03
Unknown	Cable	PNG214	1354	2024/12/04	2025/12/03
Audix	EMI Test software	E3	19821b(V9)	NCR	NCR
Frequency Stability					
Rohde & Schwarz	EMI Test Receiver	ESR3	102455	2024/12/04	2025/12/03
BACL	Active Loop Antenna	1313-1A	4031911	2024/05/14	2027/05/13
Unknown	Cable	2Y194	0735	2024/12/04	2025/12/03
Unknown	Cable	PNG214	1354	2024/12/04	2025/12/03
BACL	Temperature & Humidity Chamber	BTH-150-40	30144	2024/12/06	2025/12/05
instek	DC Power Supply	GPS-3030DD	EM832096	NCR	NCR
Fluke	Digital Multimeter	287	19000011	2025/04/29	2026/04/28

* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Shenzhen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

FCC§15.203& RSS-GEN CLAUSE 6.8 - ANTENNA REQUIREMENT

Applicable Standard

According 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.

Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

According to RSS-Gen §6.8, The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list. For expediting the testing, measurements may be performed using only the antenna with highest gain of each combination of transmitter and antenna type, with the transmitter output power set at the maximum level. However, the transmitter shall comply with the applicable requirements under all operational conditions and when in combination with any type of antenna from the list provided in the test report (and in the notice to be included in the user manual, provided below). When measurements at the antenna port are used to determine the RF output power, the effective gain of the device's antenna shall be stated, based on a measurement or on data from the antenna's manufacturer.

The test report shall state the RF power, output power setting and spurious emission measurements with each antenna type that is used with the transmitter being tested. For licence-exempt equipment with detachable antennas, the user manual shall also contain the following notice in a conspicuous location:

This radio transmitter [enter the device's ISED certification number] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Immediately following the above notice, the manufacturer shall provide a list of all antenna types which can be used with the transmitter, indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna type.

Antenna Connected Construction

The EUT has one internal antenna arrangement for NFC which was permanently attached; fulfill the requirement of this section. Please refer to the EUT photos.

Antenna	Type	input impedance (Ohm)	Frequency Range
	FPC	50	13.56MHz

Result: Compliant.

FCC§1.1310 & §2.1093- RF EXPOSURE

Applicable Standard

According to KDB447498 D01 General RF Exposure Guidance v06: 4.3. General SAR test exclusion guidance

c) For frequencies below 100 MHz, the following may be considered for SAR test exclusion (also illustrated in Appendix C):

- 1) For *test separation distances* > 50 mm and < 200 mm, the power threshold at the corresponding test separation distance at 100 MHz in step b) is multiplied by $[1 + \log(100/f_{\text{(MHz)}})]$
- 2) For *test separation distances* ≤ 50 mm, the power threshold determined by the equation in c) 1) for 50 mm and 100 MHz is multiplied by $\frac{1}{2}$
- 3) SAR measurement procedures are not established below 100 MHz

Measurement Result

For NFC, the power of EUT: E Field@3m is 69.46dBuV/m = -25.74dBm (0.003mW)

Note: $E[\text{dB}\mu\text{V/m}] = \text{EIRP}[\text{dBm}] + 95.2$ for $d = 3$ m.

SAR test exclusion threshold for NFC(13.56MHz) separation distance $< 50\text{mm}$

$$=[474*(1 + \log(100/f_{\text{(MHz)}}))]/2$$

$$= 443\text{mW}$$

$$> 0.003\text{mW}$$

Result: Compliant.

RSS-102 § 6.3 –SAR EXEMPTION LIMITS

Applicable Standard

According to RSS-102 Issue 6 § (6.3), Devices operating at or below the applicable output power levels (adjusted for tune-up tolerance) specified in table 11, based on the separation distance, are exempt from SAR evaluation. The separation distance, defined as the distance between the user and/or bystander and the antenna and/or radiating element of the device or the outer surface of the device, shall be less than or equal to 20 cm for these exemption limits to apply.

Table 11: Power limits for exemption from routine SAR evaluation based on the separation distance

Frequency (MHz)	≤ 5 mm (mW)	10 mm (mW)	15 mm (mW)	20 mm (mW)	25 mm (mW)	30 mm (mW)	35 mm (mW)	40 mm (mW)	45 mm (mW)	> 50 mm (mW)
≤ 300	45	116	139	163	189	216	246	280	319	362
450	32	71	87	104	124	147	175	208	248	296
835	21	32	41	54	72	96	129	172	228	298
1900	6	10	18	33	57	92	138	194	257	323
2450	3	7	16	32	56	89	128	170	209	245
3500	2	6	15	29	50	72	94	114	134	158
5800	1	5	13	23	32	41	54	74	102	128

The exemption limits in table 11 are based on measurements and simulations of half-wave dipole antennas at separation distances of 5 mm to 50 mm from a flat phantom, which provides a SAR value of approximately 0.4 W/kg for 1 g of tissue.

For limb-worn devices where the 10 gram of tissue applies, the exemption limits for routine evaluation in table 11 are multiplied by a factor of 2.5.

For controlled-use devices where the 8 W/kg for 1 gram of tissue applies, the exemption limits for routine evaluation in table 11 are multiplied by a factor of 5.

When the operating frequency of the device is between two frequencies located in table 11, linear interpolation shall be applied for the applicable separation distance. If the separation distance of the device is between two distances located in table 11, linear interpolation may be applied for the applicable frequency. Alternatively, the limit corresponding to the smaller distance may be employed. For example, in case of a 7 mm separation distance, either use the exception value for a 5 mm separation distance or interpolate between the limits corresponding to 5 mm and 10 mm separation distances.

For implanted medical devices, the exemption limit for routine SAR evaluation is set at an output power of 1 mW, regardless of frequency.

The SAR levels from exempted transmitters shall be included in the compliance assessment and the determination of the TER. Detailed guidance is included in sections 7.1.8 and 8.2.2.1.

Test Result:

For NFC, the power of EUT: E Field@3m is 69.46dBuV/m = -25.74dBm (0.003mW)

Note: $E[\text{dB}\mu\text{V/m}] = \text{EIRP}[\text{dBm}] + 95.2$ for $d = 3 \text{ m}$.

SAR test exclusion threshold for NFC(13.56MHz) separation distance $\leq 5\text{mm}$

E.I.R.P= -25.74dBm (0.003mW) <<45mW

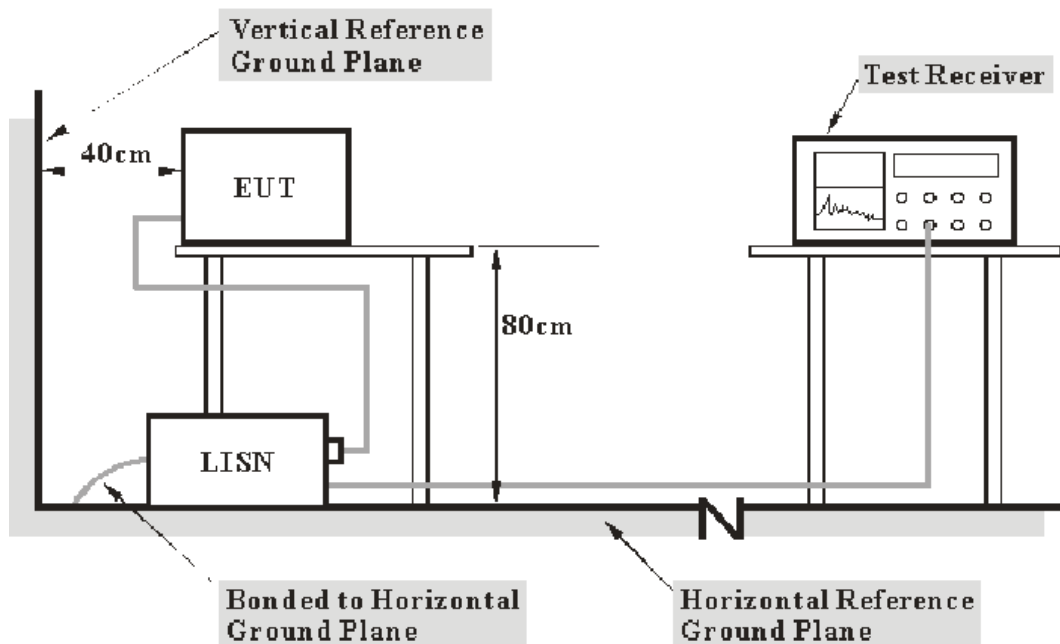
So the stand-alone SAR test is not required.

FCC §15.207& RSS-GEN CLAUSE 8.8 - AC LINE CONDUCTED EMISSION

Applicable Standard

FCC§15.207 and RSS-Gen§8.8.

EUT Setup



- Note:**
1. Support units were connected to second LISN.
 2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.10-2020 measurement procedure. The specification used was with the FCC Part 15.207 and RSS-Gen limits..

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	RBW
150 kHz – 30MHz	9 kHz

Test Procedure

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All final data was recorded in the Quasi-peak and average detection mode.

Factor & Over Limit Calculation

The factor is calculated by adding LISN VDF (Voltage Division Factor) and Cable Loss. The basic equation is as follows:

$$\text{Factor} = \text{LISN VDF} + \text{Cable Loss}$$

The “**Over limit**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, an Over limit of -7 dB means the emission is 7 dB below the limit. The equation for calculation is as follows:

$$\begin{aligned}\text{Over Limit} &= \text{Level} - \text{Limit} \\ \text{Level} &= \text{Read Level} + \text{Factor}\end{aligned}$$

Note: The term "cable loss" refers to the combination of a cable and a 10dB transient limiter (attenuator).

Test Data

Environmental Conditions

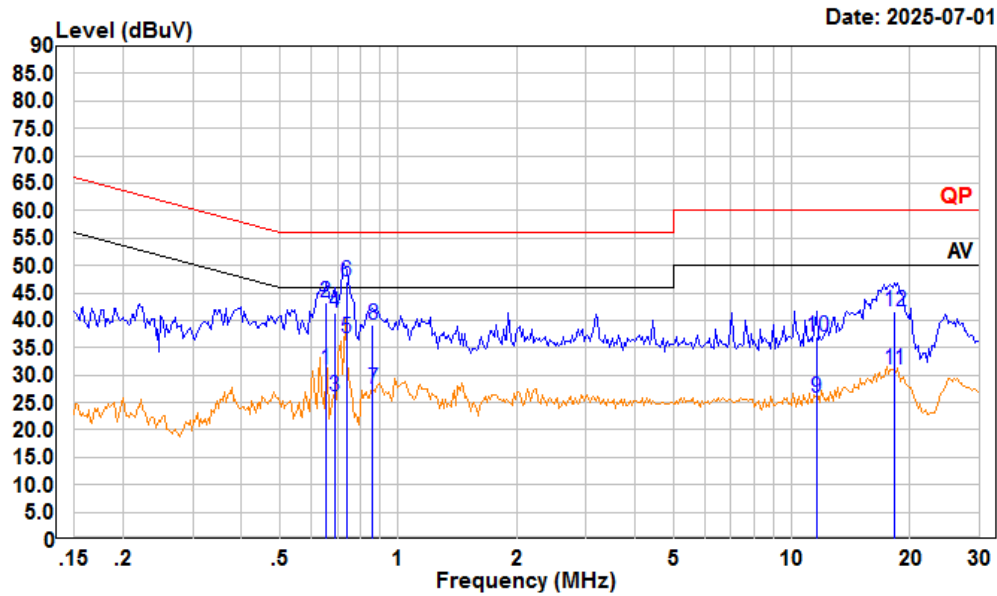
Temperature:	25.9~26.2 °C
Relative Humidity:	61~65 %
ATM Pressure:	99.5~100.1 kPa

The testing was performed by Macy Shi from 2025-07-01 to 2025-08-08.

Test mode: Transmitting/Standby

With NFC Card

AC 120 V/60 Hz, Line



Trace: 1

Condition: Line

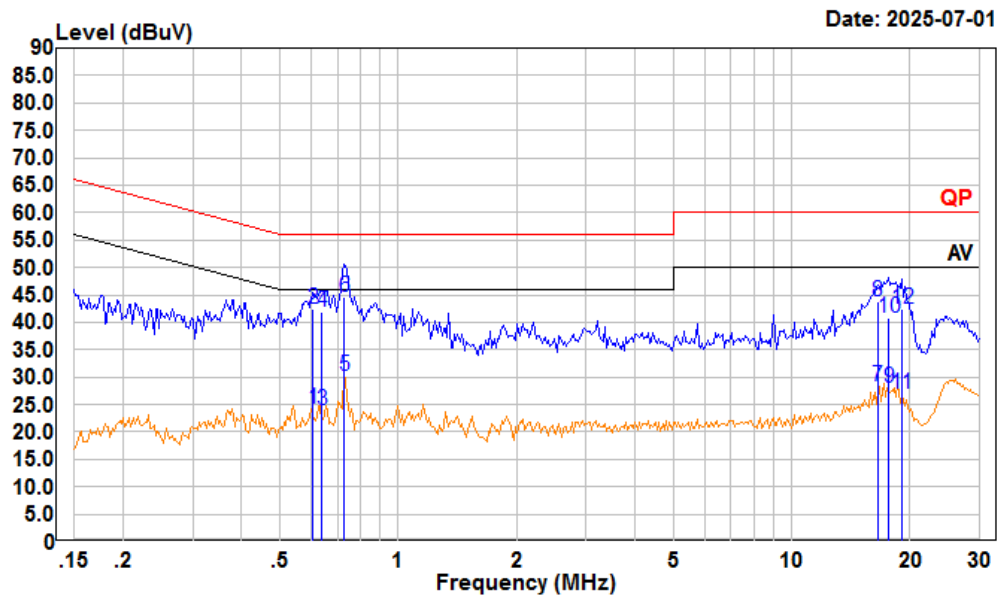
Project : 2501T17664E-RF

tester : Macy.shi Note:NFC Transmitting

Setting : RBW:9kHz

	Freq	Read Level	Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.654	9.90	30.95	10.82	10.23	46.00	-15.05	Average
2	0.654	22.10	43.15	10.82	10.23	56.00	-12.85	QP
3	0.690	5.00	26.11	10.88	10.23	46.00	-19.89	Average
4	0.690	20.20	41.31	10.88	10.23	56.00	-14.69	QP
5	0.737	15.51	36.60	10.86	10.23	46.00	-9.40	Average
6	0.737	26.01	47.10	10.86	10.23	56.00	-8.90	QP
7	0.862	6.40	27.35	10.73	10.22	46.00	-18.65	Average
8	0.862	18.21	39.16	10.73	10.22	56.00	-16.84	QP
9	11.559	5.20	25.76	10.30	10.26	50.00	-24.24	Average
10	11.559	16.50	37.06	10.30	10.26	60.00	-22.94	QP
11	18.232	10.00	31.03	10.77	10.26	50.00	-18.97	Average
12	18.232	20.60	41.63	10.77	10.26	60.00	-18.37	QP

AC 120V/ 60 Hz, Neutral



Trace: 1

Condition: Neutral

Project : 2501T17664E-RF

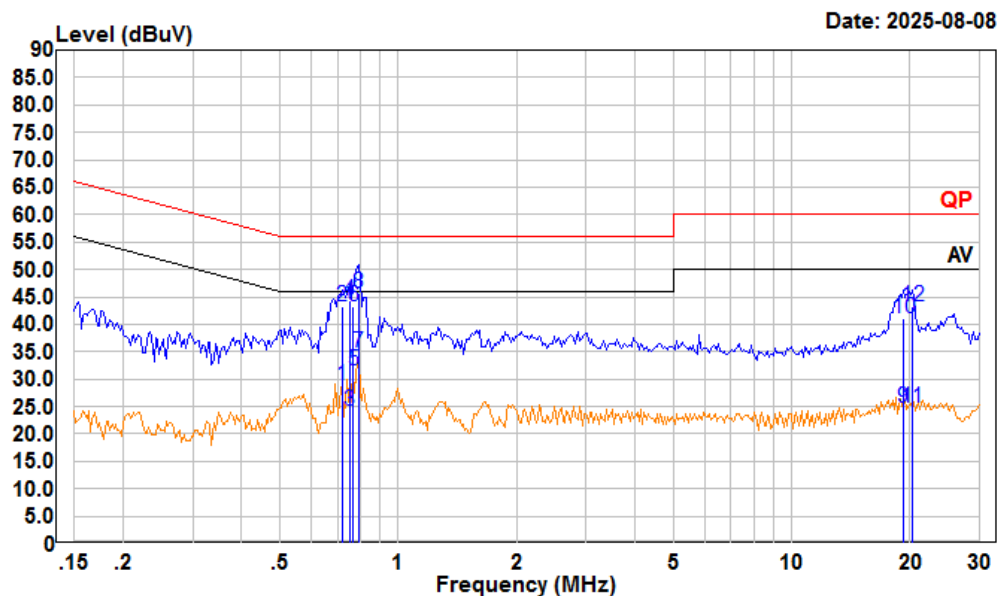
tester : Macy.shi Note:NFC Transmitting

Setting : RBW:9kHz

	Freq	Read Level	Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.608	3.30	24.09	10.56	10.23	46.00	-21.91	Average
2	0.608	21.59	42.38	10.56	10.23	56.00	-13.62	QP
3	0.641	3.10	23.90	10.57	10.23	46.00	-22.10	Average
4	0.641	21.10	41.90	10.57	10.23	56.00	-14.10	QP
5	0.727	9.30	30.15	10.62	10.23	46.00	-15.85	Average
6	0.727	23.80	44.65	10.62	10.23	56.00	-11.35	QP
7	16.573	7.40	28.24	10.58	10.26	50.00	-21.76	Average
8	16.573	22.90	43.74	10.58	10.26	60.00	-16.26	QP
9	17.661	6.90	27.91	10.75	10.26	50.00	-22.09	Average
10	17.661	19.70	40.71	10.75	10.26	60.00	-19.29	QP
11	19.021	5.80	27.01	10.96	10.25	50.00	-22.99	Average
12	19.021	21.10	42.31	10.96	10.25	60.00	-17.69	QP

Without NFC Card

AC 120 V/60 Hz, Line



Condition: Line

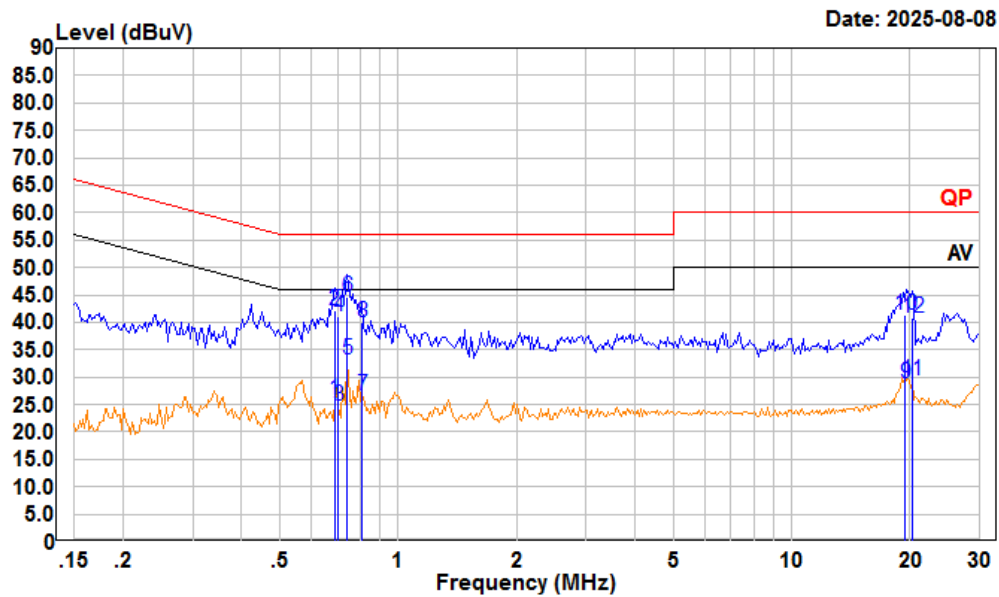
Project : 2501T17664E-RF

tester : Macy.shi Note:standby

Setting : RBW:9kHz

	Freq	Read Level	Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.720	7.69	28.80	10.88	10.23	46.00	-17.20	Average
2	0.720	22.18	43.29	10.88	10.23	56.00	-12.71	QP
3	0.751	3.14	24.21	10.84	10.23	46.00	-21.79	Average
4	0.751	23.22	44.29	10.84	10.23	56.00	-11.71	QP
5	0.767	10.61	31.66	10.82	10.23	46.00	-14.34	Average
6	0.767	22.07	43.12	10.82	10.23	56.00	-12.88	QP
7	0.792	13.69	34.72	10.80	10.23	46.00	-11.28	Average
8	0.792	24.72	45.75	10.80	10.23	56.00	-10.25	QP
9	19.224	3.64	24.79	10.90	10.25	50.00	-25.21	Average
10	19.224	19.98	41.13	10.90	10.25	60.00	-18.87	QP
11	20.270	3.46	24.69	10.98	10.25	50.00	-25.31	Average
12	20.270	21.98	43.21	10.98	10.25	60.00	-16.79	QP

AC 120V/ 60 Hz, Neutral



Condition: Neutral

Project : 2501T17664E-RF

tester : Macy.shi Note: standby

Setting : RBW:9kHz

	Freq	Read Level	Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.690	4.96	25.79	10.60	10.23	46.00	-20.21	Average
2	0.690	21.38	42.21	10.60	10.23	56.00	-13.79	QP
3	0.705	4.05	24.88	10.60	10.23	46.00	-21.12	Average
4	0.705	20.19	41.02	10.60	10.23	56.00	-14.98	QP
5	0.743	12.23	33.09	10.63	10.23	46.00	-12.91	Average
6	0.743	23.76	44.62	10.63	10.23	56.00	-11.38	QP
7	0.809	5.74	26.65	10.68	10.23	46.00	-19.35	Average
8	0.809	19.00	39.91	10.68	10.23	56.00	-16.09	QP
9	19.428	7.67	28.94	11.02	10.25	50.00	-21.06	Average
10	19.428	20.05	41.32	11.02	10.25	60.00	-18.68	QP
11	20.270	7.95	29.29	11.09	10.25	50.00	-20.71	Average
12	20.270	19.41	40.75	11.09	10.25	60.00	-19.25	QP

FCC§15.225, §15.205& §15.209& RSS-GEN§8.9 & RSS-210 ANNEX B.6(a) - RADIATED EMISSIONS TEST

Applicable Standard

As per FCC Part 15.225

(a) The field strength of any emissions within the band 13.553–13.567 MHz shall not exceed 15,848 microvolts/meter at 30 meters.

(b) Within the bands 13.410–13.553 MHz and 13.567–13.710 MHz, the field strength of any emissions shall not exceed 334 microvolts/meter at 30 meters.

(c) Within the bands 13.110–13.410 MHz and 13.710–14.010 MHz the field strength of any emissions shall not exceed 106 microvolts/meter at 30 meters.

(d) 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.

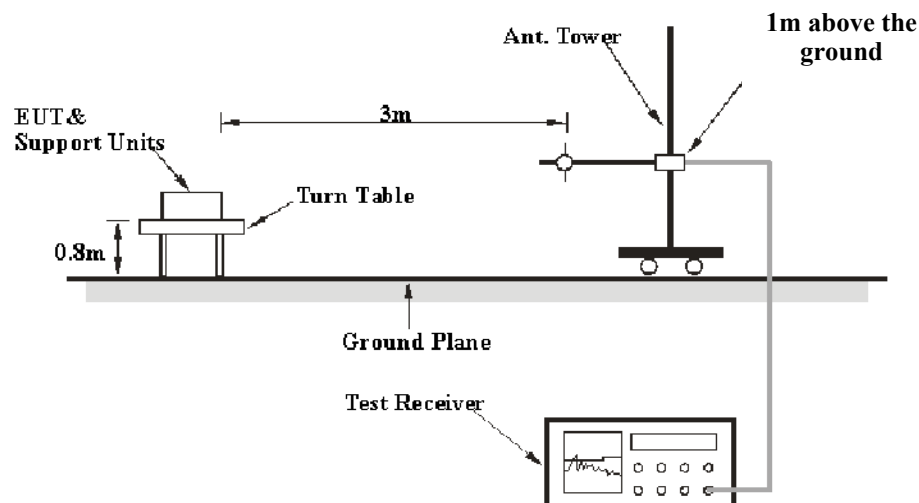
According to RSS-210 Annex B.6(a).

The field strength of any emission shall not exceed the following limits:

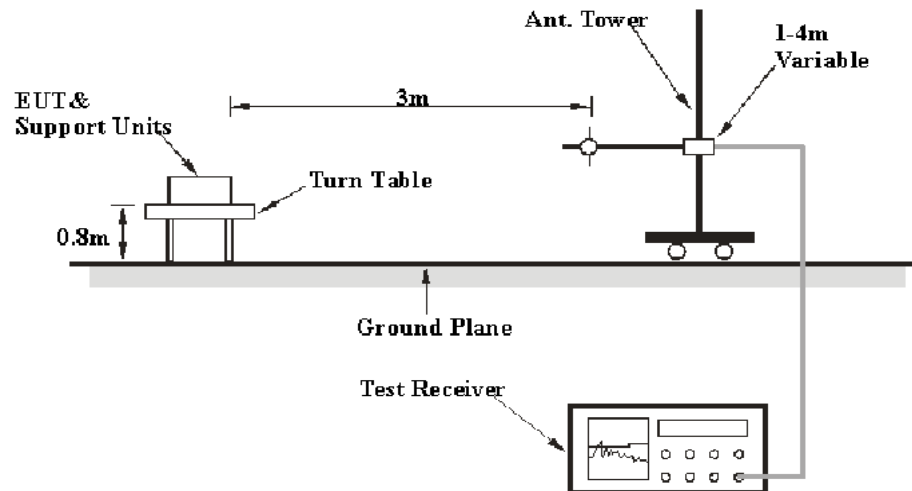
- 15.848 mV/m (84dB μ V/m) at 30 m, within the band 13.553-13.567 MHz;
- 334 μ V/m (50.47dB μ V/m) at 30 m, within the bands 13.410-13.553 MHz and 13.567-13.710 MHz;
- 106 μ V/m (40.51dB μ V/m) at 30 m, within the bands 13.110-13.410 MHz and 13.710-14.010 MHz;
- RSS-Gen general field strength limits for frequencies outside the band 13.110-14.010 MHz

EUT Setup

9 kHz-30MHz:



Note: Antenna is set up at 1m during test for below 30MHz.

30MHz-1GHz:

The radiated emission tests were performed in the 3-meter chamber a test site, using the setup accordance with the ANSI C63.10-2020. The specification used was the FCC Part 15.225, 15.209, 15.205, RSS-210 and RSS-Gen limits.

EMI Test Receiver Setup

The EUT emissions were investigated up to 1000 MHz.

During the radiated emission test, the EMI test Receiver was set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Measurement	Detector
9 kHz – 150 kHz	/	/	200 Hz	QP	QP
	300 Hz	1 kHz	/	PK	Peak
150 kHz – 30 MHz	/	/	9 kHz	QP	QP
	10 kHz	30 kHz	/	PK	Peak
30 MHz – 1000 MHz	/	/	120 kHz	QP	QP
	100 kHz	300 kHz	/	PK	Peak

All final data was recorded in Quasi-peak detection mode except for the frequency bands 9–90 kHz, 110–490 kHz, average detection modes for frequency bands 9–90 kHz and 110–490 kHz.

If the maximized peak measured value complies with under the QP/Average limit more than 6dB, then it is unnecessary to perform QP/Average measurement.

Factor & Over Limit/Margin Calculation

The Level is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

$$\begin{aligned}\text{Factor} &= \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain} \\ \text{Level} &= \text{Read Level} + \text{Factor}\end{aligned}$$

The “**Over Limit**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, an Over Limit/margin of -7dB means the emission is 7dB below the limit. The equation for calculation is as follows:

$$\text{Over Limit} = \text{Level} - \text{Limit}$$

Test Data

Environmental Conditions

Temperature:	25.2 °C
Relative Humidity:	55 %
ATM Pressure:	100.1 kPa

The testing was performed by Anson Su on 2025-07-08.

Test mode: Transmitting/Standby

Note:

- 1. For the spurious emission below 30MHz, the unit of final result on the test plots are dBμV/m, so the limit should be added by 51,5 dB from dBμA/m to dBμV/m.*
- 2. When the test result of peak was less than the limit of QP/Average more than 6dB, just peak value were recorded.*
- 3. Pre-scan in the X, Y and Z axes of orientation, the worst case of z-axis orientation were recorded.*

With NFC Card

1) Spurious Emissions (9 kHz~30 MHz):

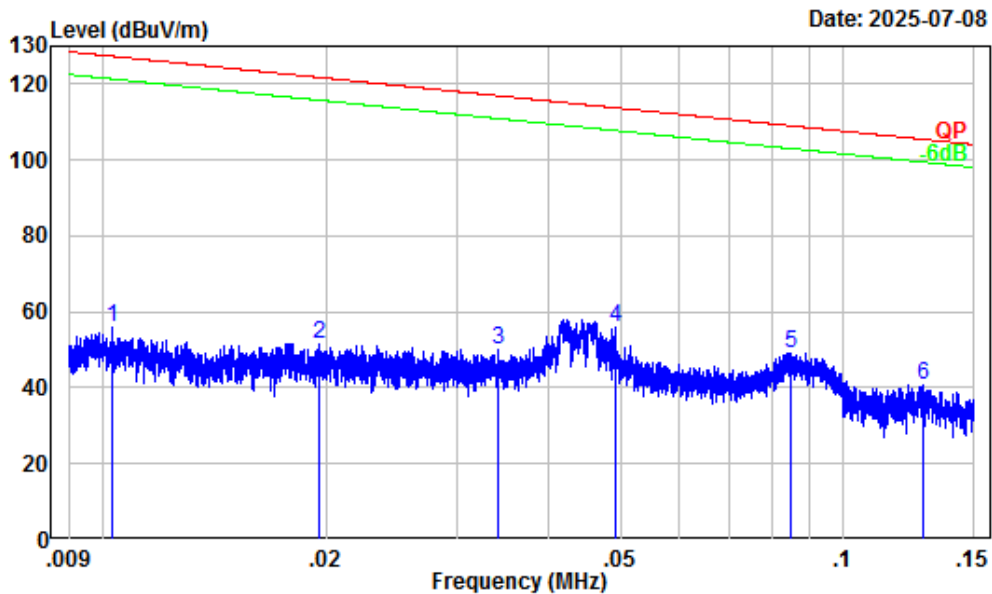
Part 15 Section 15.31(f)(2) and RSS-GEN Section 6.5,

Limit @ 3m=Limit @ 300m-40*log(3(m)/300(m))

Limit @ 3m=Limit @ 30m-40*log(3(m)/30(m))

Ground-parallel

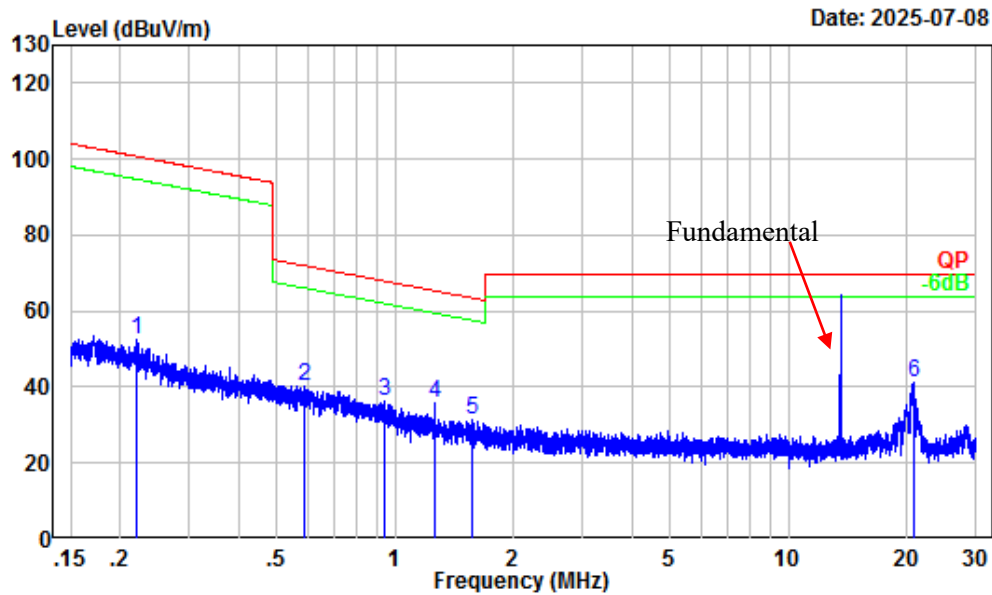
9 kHz~150 kHz



Site : Chamber A
Condition : 3m
Project Number : 2501T17664E-RF
Test Mode : Transmitting
Note : Ground-Parallel
Detector: Peak RBW/VBW: 0.3/1kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.010	32.24	23.60	55.84	127.34	-71.50	Peak
2	0.020	30.47	20.89	51.36	121.75	-70.39	Peak
3	0.034	28.06	21.89	49.95	116.93	-66.98	Peak
4	0.049	26.48	29.24	55.72	113.75	-58.03	Peak
5	0.085	23.06	26.14	49.20	109.03	-59.83	Peak
6	0.128	20.36	20.19	40.55	105.48	-64.93	Peak

150 kHz~30 MHz

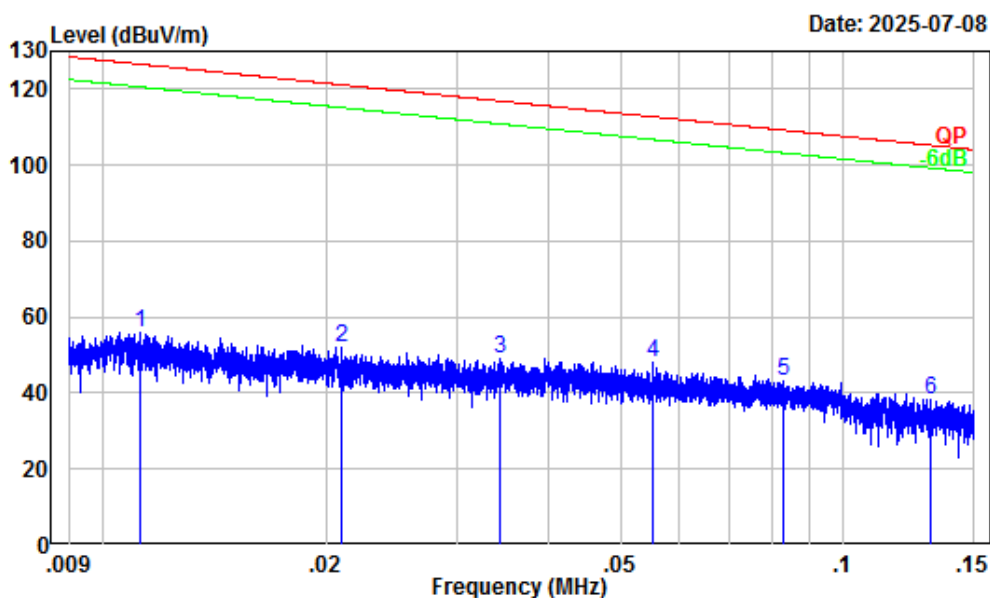


Site : Chamber A
Condition : 3m
Project Number : 2501T17664E-RF
Test Mode : Transmitting
Note : Ground-Parallel
Detector: Peak RBW/VBW: 10/30kHz
Tester : Anson Su

	Freq	Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.220	14.92	37.65	52.57	100.76	-48.19	Peak
2	0.589	5.30	34.87	40.17	72.16	-31.99	Peak
3	0.937	1.67	34.52	36.19	68.05	-31.86	Peak
4	1.264	0.46	35.38	35.84	65.40	-29.56	Peak
5	1.571	-0.40	31.97	31.57	63.46	-31.89	Peak
6	20.814	-3.10	44.31	41.21	69.54	-28.33	Peak

Perpendicular

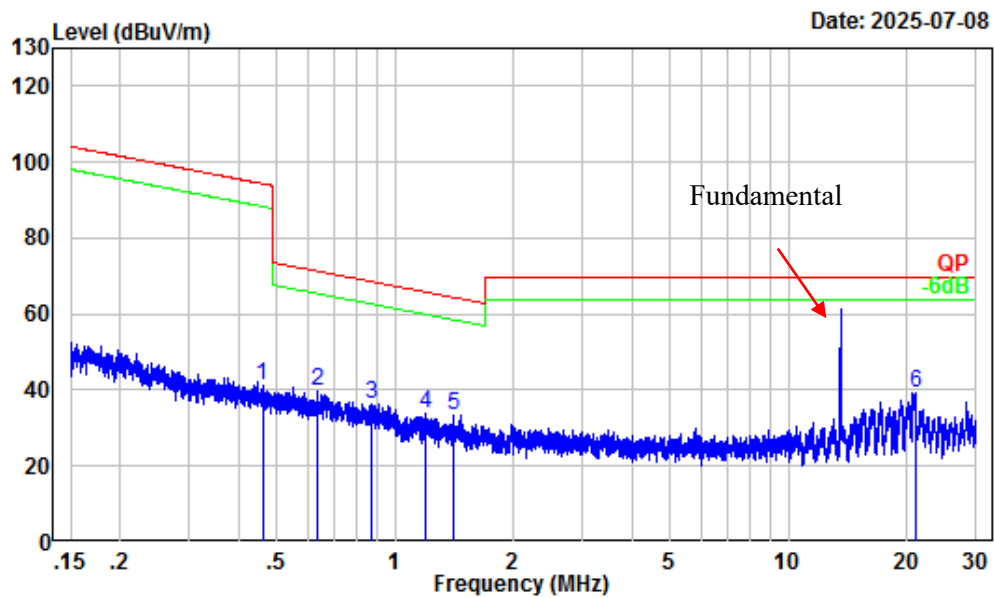
9 kHz~150 kHz



Site : Chamber A
Condition : 3m
Project Number : 2501T17664E-RF
Test Mode : Transmitting
Note : Perpendicular
Detector: Peak RBW/VBW: 0.3/1kHz
Tester : Anson Su

	Freq	Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.011	32.07	24.09	56.16	126.59	-70.43	Peak
2	0.021	30.20	21.57	51.77	121.14	-69.37	Peak
3	0.034	28.04	21.05	49.09	116.88	-67.79	Peak
4	0.055	25.87	22.03	47.90	112.74	-64.84	Peak
5	0.083	23.20	20.21	43.41	109.24	-65.83	Peak
6	0.131	20.15	18.23	38.38	105.24	-66.86	Peak

150 kHz~30 MHz

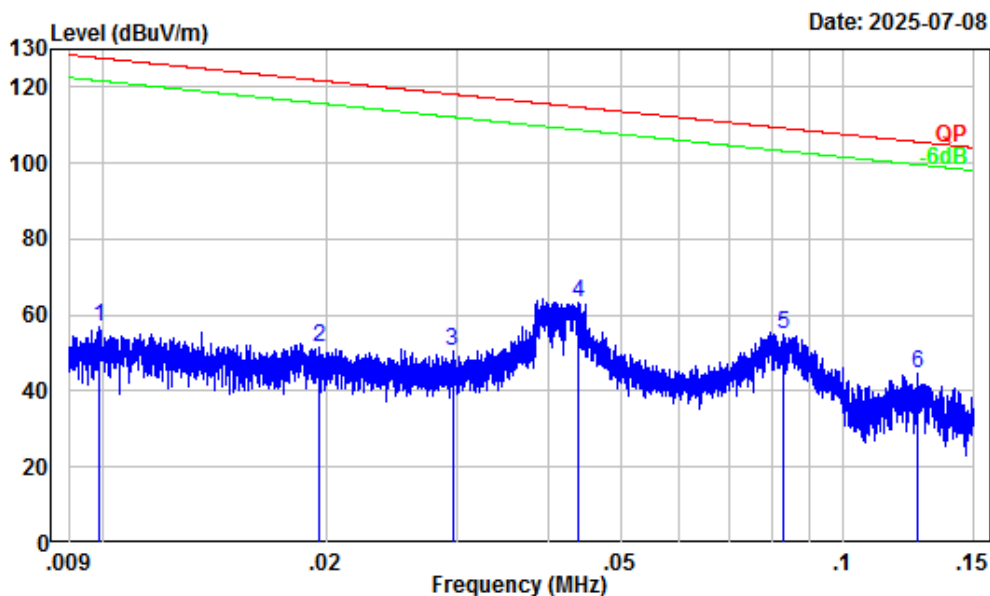


Site : Chamber A
Condition : 3m
Project Number : 2501T17664E-RF
Test Mode : Transmitting
Note : Perpendicular
Detector: Peak RBW/VBW: 10/30kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.461	7.15	34.02	41.17	94.34	-53.17	Peak
2	0.633	4.76	34.88	39.64	71.53	-31.89	Peak
3	0.872	2.16	34.16	36.32	68.69	-32.37	Peak
4	1.201	0.64	32.98	33.62	65.85	-32.23	Peak
5	1.403	0.07	33.35	33.42	64.47	-31.05	Peak
6	21.035	-3.10	42.47	39.37	69.54	-30.17	Peak

Parallel

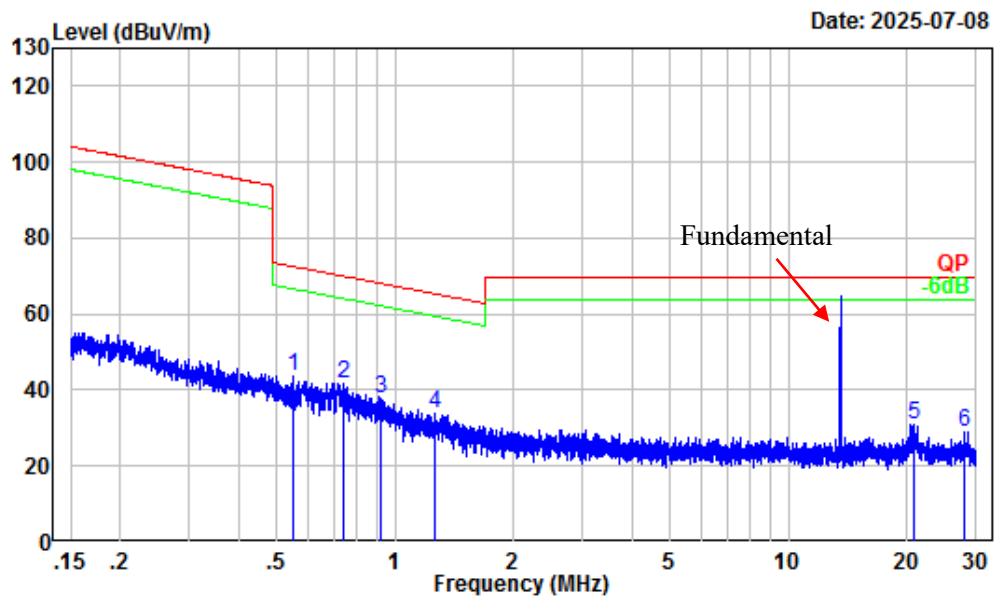
9 kHz~150 kHz



Site : Chamber A
Condition : 3m
Project Number : 2501T17664E-RF
Test Mode : Transmitting
Note : Parallel
Detector: Peak RBW/VBW: 0.3/1kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.010	32.32	24.49	56.81	127.68	-70.87	Peak
2	0.020	30.47	21.01	51.48	121.74	-70.26	Peak
3	0.030	28.56	21.97	50.53	118.16	-67.63	Peak
4	0.044	27.05	36.35	63.40	114.77	-51.37	Peak
5	0.083	23.19	31.71	54.90	109.22	-54.32	Peak
6	0.126	20.48	24.02	44.50	105.62	-61.12	Peak

150 kHz~30 MHz

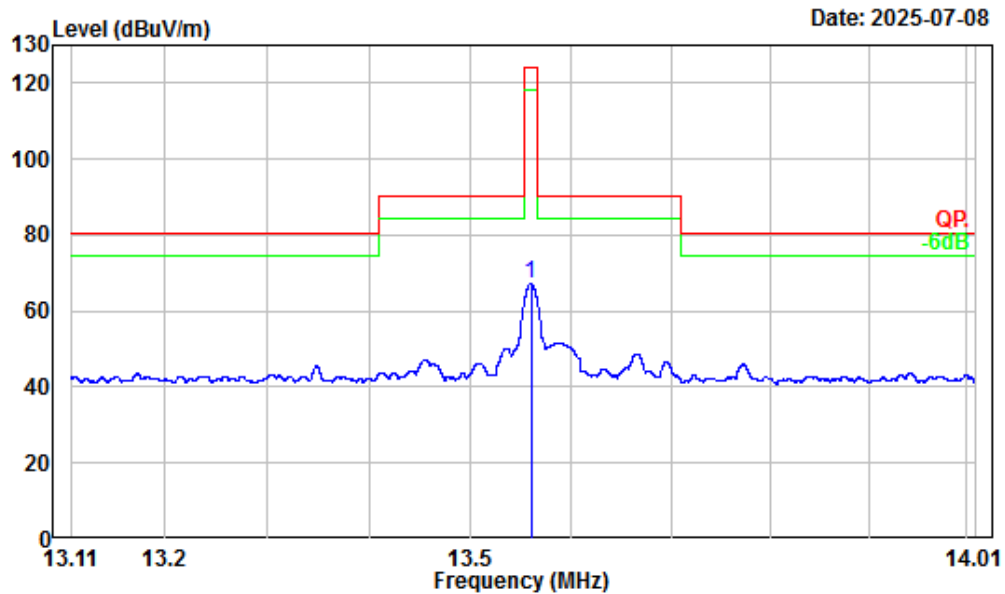


Site : Chamber A
Condition : 3m
Project Number : 2501T17664E-RF
Test Mode : Transmitting
Note : Parallel
Detector: Peak RBW/VBW: 10/30kHz
Tester : Anson Su

	Freq	Factor	Read Level	Limit Level	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	0.550	5.78	38.04	43.82	72.77	-28.95 Peak
2	0.740	3.44	38.28	41.72	70.14	-28.42 Peak
3	0.922	1.78	35.79	37.57	68.19	-30.62 Peak
4	1.267	0.45	33.35	33.80	65.37	-31.57 Peak
5	20.855	-3.10	34.24	31.14	69.54	-38.40 Peak
6	28.022	-2.81	31.57	28.76	69.54	-40.78 Peak

2) Emission Mask & Fundamental:

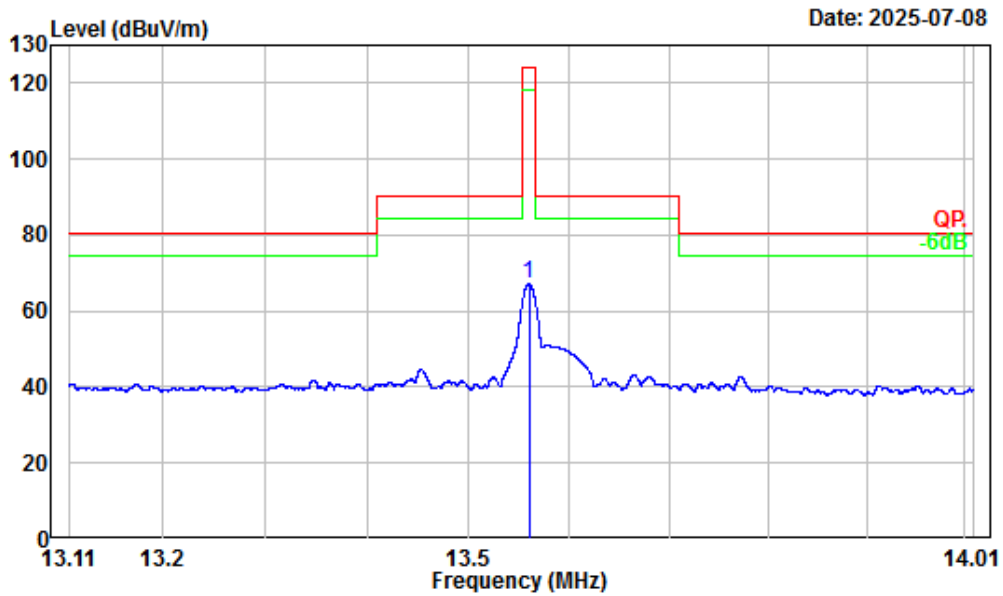
Ground-parallel



Site : Chamber A
Condition : 3m
Project Number : 2501T17664E-RF
Test Mode : Transmitting
Note : Ground-Parallel
Detector: Peak RBW/VBW: 10/30kHz
Tester : Anson Su

	Freq Factor		Read	Limit	Over	Remark
			Level	Level	Line	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	13.560	-2.72	70.03	67.31	124.00	-56.69 Peak

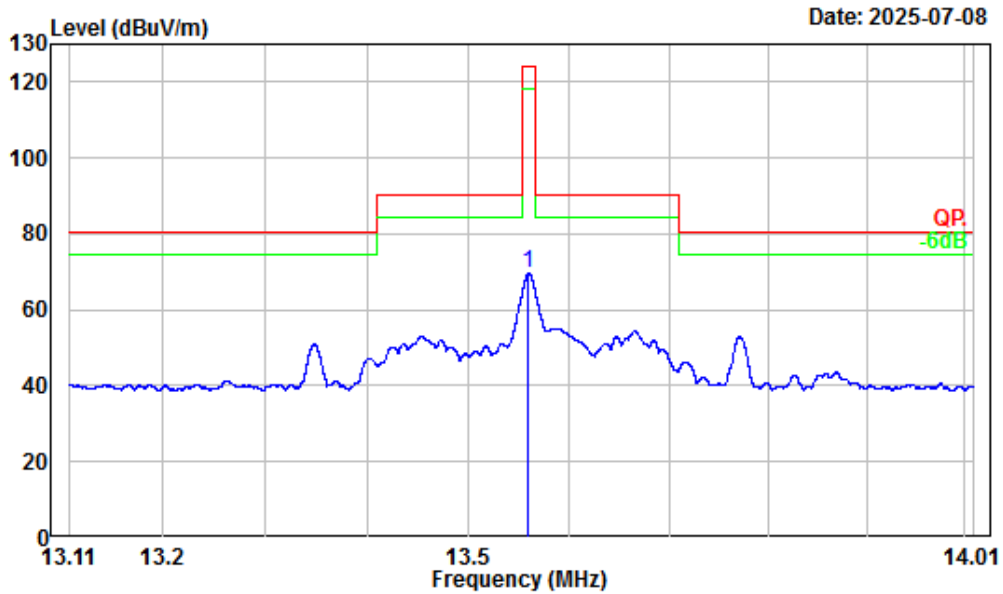
Perpendicular



Site : Chamber A
 Condition : 3m
 Project Number : 2501T17664E-RF
 Test Mode : Transmitting
 Note : Perpendicular
 Detector: Peak RBW/VBW: 10/30kHz
 Tester : Anson Su

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	13.560	-2.72	69.92	67.20	124.00	-56.80 Peak

Parallel

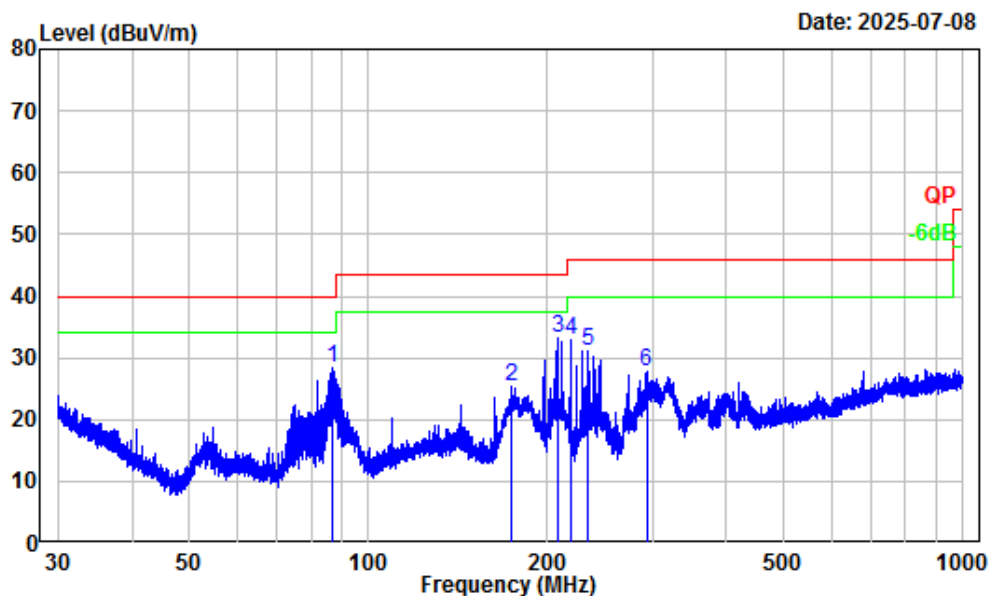


Site : Chamber A
 Condition : 3m
 Project Number : 2501T17664E-RF
 Test Mode : Transmitting
 Note : Parallel
 Detector: Peak RBW/VBW: 10/30kHz
 Tester : Anson Su

	Freq Factor		Read	Limit	Over	Remark
	Level	Level	Line	Limit	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	13.560	-2.72	72.18	69.46	124.00	-54.54 Peak

3) Spurious Emissions (30 MHz~1GHz):

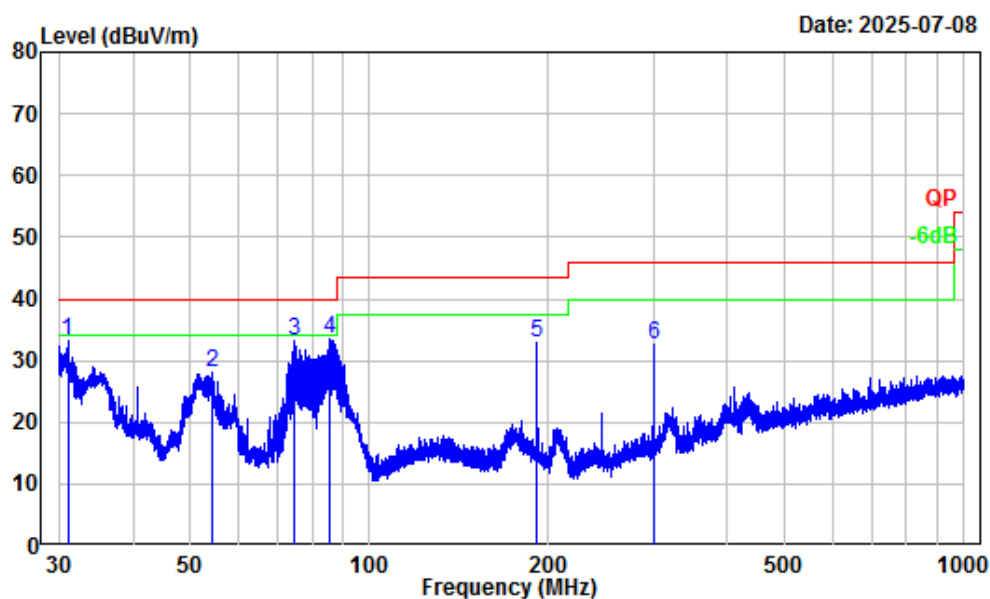
Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number : 2501T17664E-RF
Test Mode : Transmitting
Detector: Peak RBW/VBW: 100/300kHz
Tester : Anson Su

	Freq Factor		Read		Limit	Over	Remark
	MHz	dB/m	Level	Level	Line	Limit	
			dBuV	dBuV/m	dBuV/m	dB	
1	87.00	-18.04	46.31	28.27	40.00	-11.73	Peak
2	174.12	-13.36	38.73	25.37	43.50	-18.13	Peak
3	208.21	-13.82	47.10	33.28	43.50	-10.22	Peak
4	218.40	-14.19	47.13	32.94	46.00	-13.06	Peak
5	233.66	-13.60	44.64	31.04	46.00	-14.96	Peak
6	293.47	-11.13	38.95	27.82	46.00	-18.18	Peak

Vertical



```
Site : Chamber A
Condition : 3m Vertical
Project Number : 2501T17664E-RF
Test Mode : Transmitting
Detector: Peak RBW/VBW: 100/300kHz
Tester : Anson Su
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	31.06	-6.42	39.53	33.11	40.00	-6.89	Peak
2	54.33	-18.26	46.44	28.18	40.00	-11.82	Peak
3	74.66	-17.79	50.88	33.09	40.00	-6.91	Peak
4	85.52	-18.04	51.63	33.59	40.00	-6.41	Peak
5	190.99	-13.60	46.65	33.05	43.50	-10.45	Peak
6	300.24	-11.11	43.77	32.66	46.00	-13.34	Peak

Without NFC Card

1) Spurious Emissions (9 kHz~30 MHz):

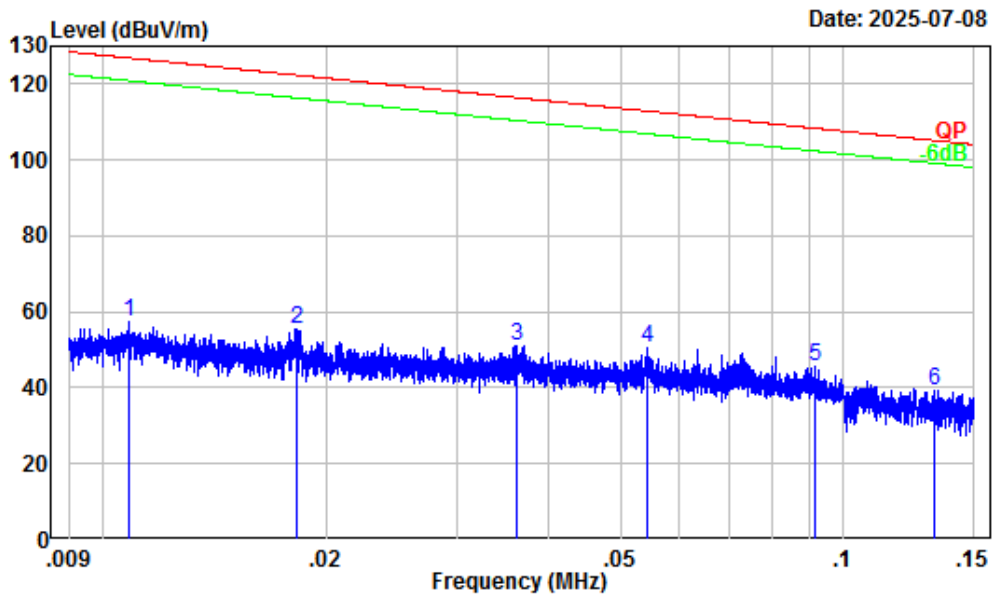
Part 15 Section 15.31(f)(2) and RSS-GEN Section 6.5,

Limit @ 3m=Limit @ 300m-40*log(3(m)/300(m))

Limit @ 3m=Limit @ 30m-40*log(3(m)/30(m))

Ground-parallel

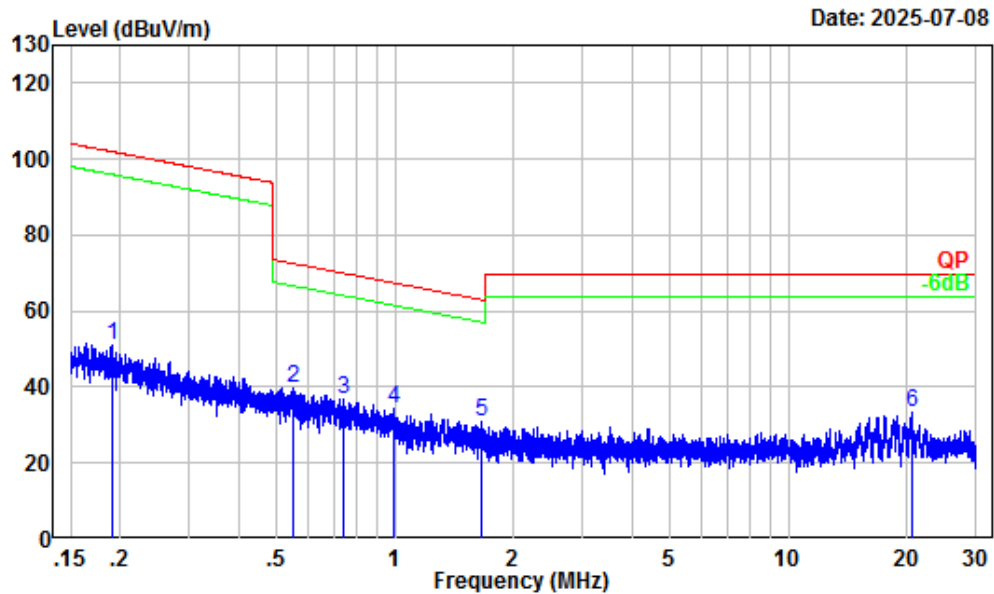
9 kHz~150 kHz



Site : Chamber A
Condition : 3m
Project Number : 2501T17664E-RF
Test Mode : Standby
Note : Ground-Parallel
Detector: Peak RBW/VBW: 0.3/1kHz
Tester : Anson Su

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.011	32.14	25.18	57.32	126.89	-69.57	Peak
2	0.018	30.72	24.51	55.23	122.36	-67.13	Peak
3	0.036	27.86	23.06	50.92	116.44	-65.52	Peak
4	0.054	25.98	24.64	50.62	112.92	-62.30	Peak
5	0.091	22.61	23.17	45.78	108.39	-62.61	Peak
6	0.133	20.07	19.06	39.13	105.15	-66.02	Peak

150 kHz~30 MHz

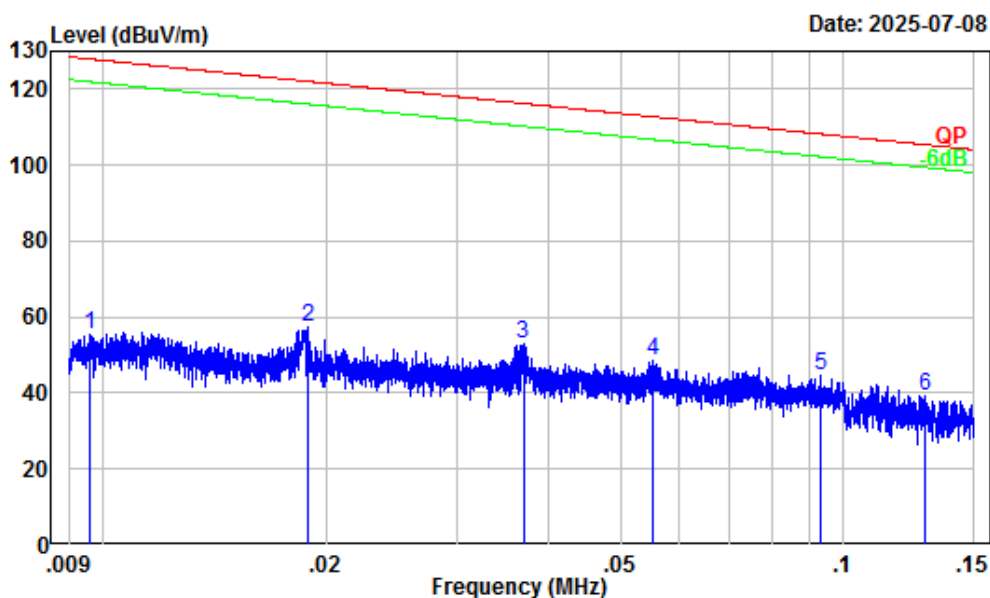


Site : Chamber A
Condition : 3m
Project Number : 2501T17664E-RF
Test Mode : Standby
Note : Ground-Parallel
Detector: Peak RBW/VBW: 10/30kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.191	16.61	34.36	50.97	101.97	-51.00	Peak
2	0.549	5.80	34.04	39.84	72.79	-32.95	Peak
3	0.739	3.46	33.40	36.86	70.16	-33.30	Peak
4	0.992	1.26	32.90	34.16	67.54	-33.38	Peak
5	1.660	-0.65	31.68	31.03	62.98	-31.95	Peak
6	20.567	-3.10	36.29	33.19	69.54	-36.35	Peak

Perpendicular

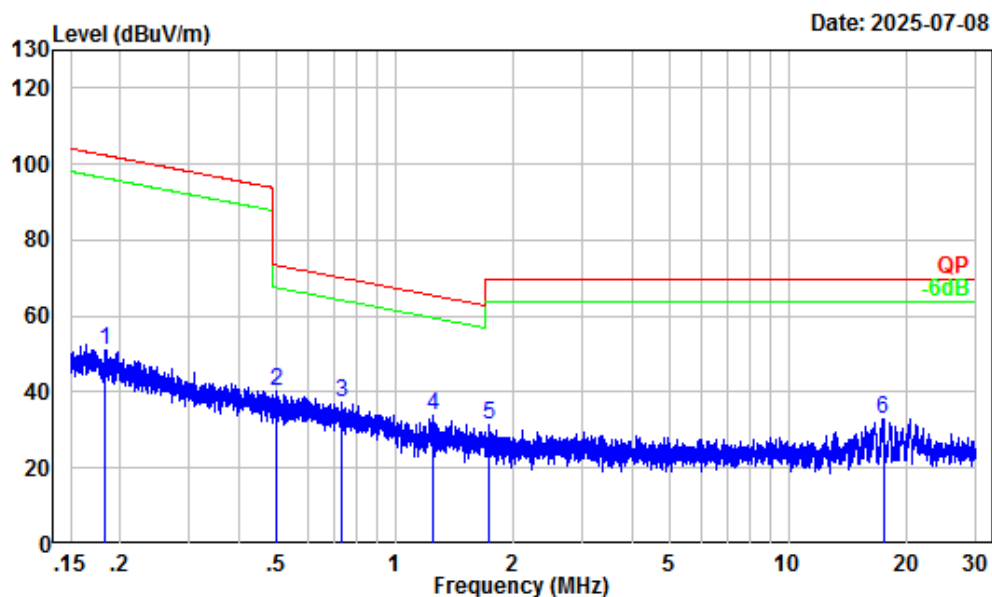
9 kHz~150 kHz



Site : Chamber A
Condition : 3m
Project Number : 2501T17664E-RF
Test Mode : Standby
Note : Perpendicular
Detector: Peak RBW/VBW: 0.3/1kHz
Tester : Anson Su

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.010	32.38	22.92	55.30	127.97	-72.67	Peak
2	0.019	30.61	26.56	57.17	122.08	-64.91	Peak
3	0.037	27.77	25.28	53.05	116.25	-63.20	Peak
4	0.055	25.86	22.47	48.33	112.74	-64.41	Peak
5	0.093	22.47	22.16	44.63	108.21	-63.58	Peak
6	0.129	20.28	19.10	39.38	105.38	-66.00	Peak

150 kHz~30 MHz

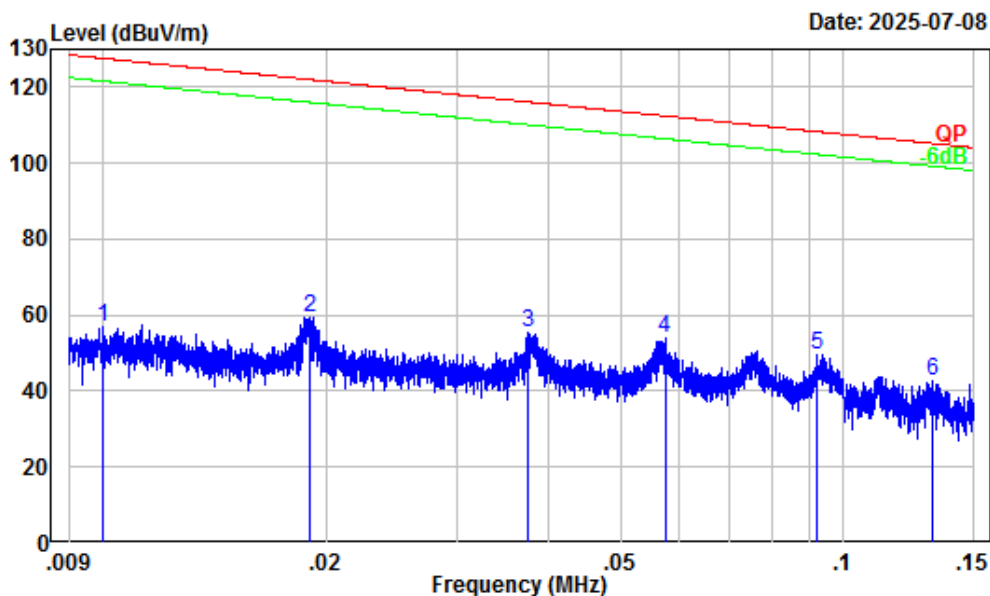


Site : Chamber A
Condition : 3m
Project Number : 2501T17664E-RF
Test Mode : Standby
Note : Perpendicular
Detector: Peak RBW/VBW: 10/30kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.184	17.04	34.13	51.17	102.30	-51.13	Peak
2	0.502	6.38	33.76	40.14	73.59	-33.45	Peak
3	0.734	3.52	33.70	37.22	70.22	-33.00	Peak
4	1.244	0.52	33.31	33.83	65.54	-31.71	Peak
5	1.734	-0.86	32.37	31.51	69.54	-38.03	Peak
6	17.429	-2.73	35.57	32.84	69.54	-36.70	Peak

Parallel

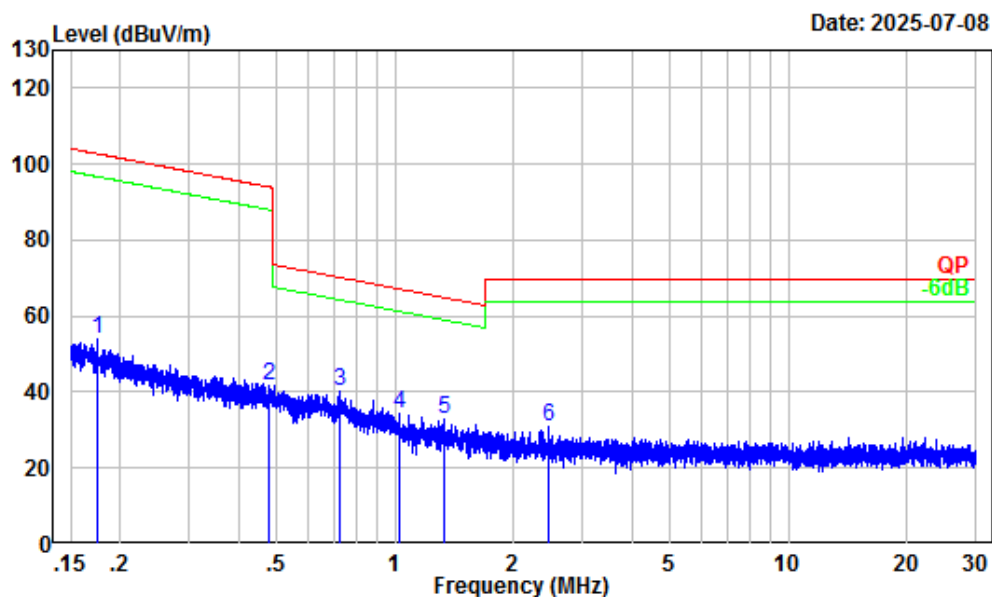
9 kHz~150 kHz



Site : Chamber A
Condition : 3m
Project Number : 2501T17664E-RF
Test Mode : Standby
Note : Parallel
Detector: Peak RBW/VBW: 0.3/1kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.010	32.30	24.82	57.12	127.59	-70.47	Peak
2	0.019	30.57	28.89	59.46	121.99	-62.53	Peak
3	0.038	27.71	27.51	55.22	116.12	-60.90	Peak
4	0.057	25.66	28.18	53.84	112.42	-58.58	Peak
5	0.092	22.54	27.16	49.70	108.30	-58.60	Peak
6	0.132	20.14	22.44	42.58	105.22	-62.64	Peak

150 kHz~30 MHz

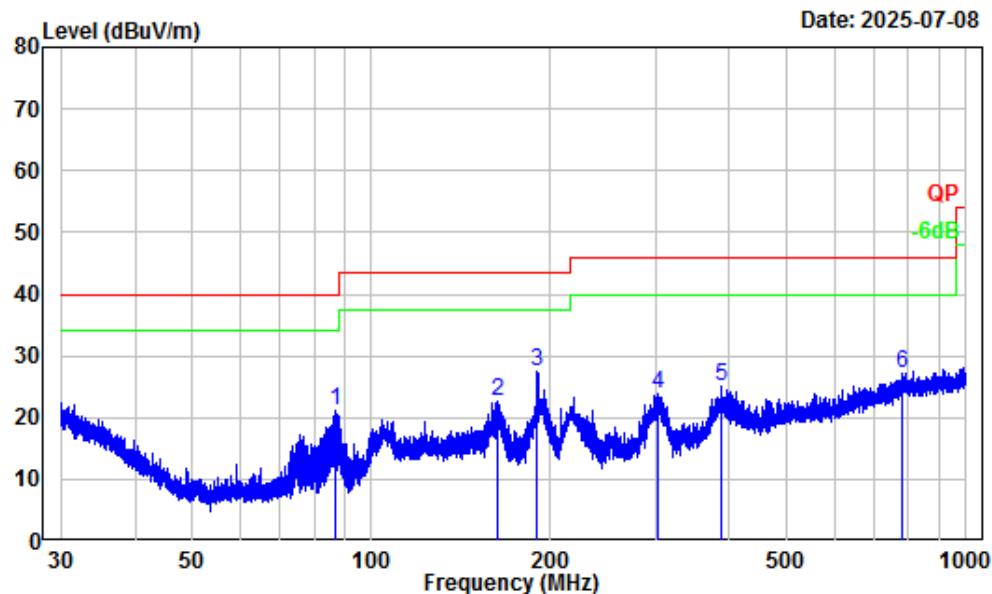


Site : Chamber A
Condition : 3m
Project Number : 2501T17664E-RF
Test Mode : Standby
Note : Parallel
Detector: Peak RBW/VBW: 10/30kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.176	17.52	36.37	53.89	102.70	-48.81	Peak
2	0.479	6.80	34.87	41.67	94.00	-52.33	Peak
3	0.722	3.67	36.47	40.14	70.37	-30.23	Peak
4	1.029	1.12	33.27	34.39	67.22	-32.83	Peak
5	1.338	0.25	32.46	32.71	64.89	-32.18	Peak
6	2.452	-1.85	32.62	30.77	69.54	-38.77	Peak

2) Spurious Emissions (30 MHz~1GHz):

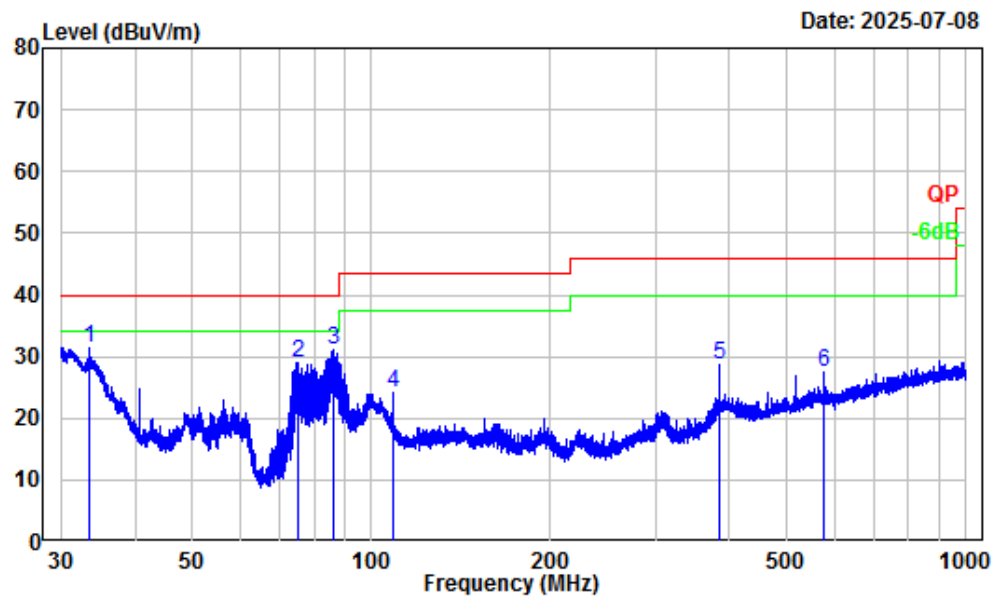
Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number : 2501T17664E-RF
Test Mode : Standby
Detector: Peak RBW/VBW: 100/300kHz
Tester : Anson Su

	Freq Factor		Read		Limit	Over	Remark
	MHz	dB/m	Level	Level	Line	Limit	
			dBuV	dBuV/m	dBuV/m	dB	
1	86.84	-18.07	39.26	21.19	40.00	-18.81	Peak
2	163.11	-12.81	35.50	22.69	43.50	-20.81	Peak
3	189.82	-14.22	41.79	27.57	43.50	-15.93	Peak
4	302.61	-11.14	34.93	23.79	46.00	-22.21	Peak
5	388.84	-8.91	33.85	24.94	46.00	-21.06	Peak
6	780.97	-2.35	29.56	27.21	46.00	-18.79	Peak

Vertical



Site : Chamber A
Condition : 3m Vertical
Project Number : 2501T17664E-RF
Test Mode : Standby
Detector: Peak RBW/VBW: 100/300kHz
Tester : Anson Su

	Freq Factor		Read Level	Limit Level	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	33.47	-7.91	39.40	31.49	40.00	-8.51 Peak
2	75.31	-17.83	46.96	29.13	40.00	-10.87 Peak
3	86.20	-18.08	49.04	30.96	40.00	-9.04 Peak
4	108.46	-13.51	37.68	24.17	43.50	-19.33 Peak
5	384.10	-9.04	37.82	28.78	46.00	-17.22 Peak
6	576.14	-5.25	32.61	27.36	46.00	-18.64 Peak

FCC§15.225(e)& RSS-210 §B.6 (b) - FREQUENCY STABILITY

Applicable Standard

According to FCC§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 -20 degrees to $+50$ 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. For battery operated equipment, the equipment tests shall be performed using a new battery.

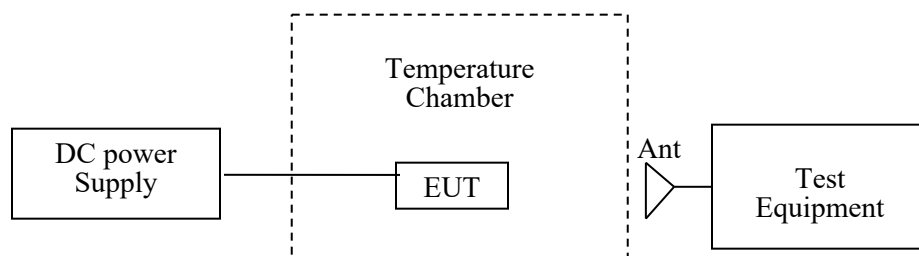
According to RSS-210, Issue 10 §B.6(b), The carrier frequency stability shall not exceed ± 100 ppm.

Test Procedure

Frequency Stability vs. Temperature: The equipment under test was connected to an external DC power supply and inductive antenna was connected to a Spectrum Analyzer. The EUT was placed inside the temperature chamber.

After the temperature stabilized for approximately 20 minutes, the frequency output was recorded from the Spectrum Analyzer.

Frequency Stability vs. Voltage: An external DC power supply Source. The voltage was set to 115% of the nominal value and was then decreased until the transmitter light no longer illuminated; i.e., the end point. The output frequency was recorded for each voltage.



Test Data

Environmental Conditions

Temperature:	25.2 °C
Relative Humidity:	53 %
ATM Pressure:	100.1 kPa

The testing was performed by Anson Su on 2025-07-09.

Test Mode: Transmitting

Test Result: Pass

Voltage Supply (V _{DC})	Temperature (°C)	Measured Frequency (MHz)	Frequency Error		Part 15.225 Limit (%)	RSS-210 Limit (ppm)
			(%)	(ppm)		
3.7	-20	13.56114	0.0084	84.07	±0.01	±100
	-10	13.56108	0.0080	79.65	±0.01	±100
	0	13.56119	0.0088	87.76	±0.01	±100
	10	13.56121	0.0089	89.23	±0.01	±100
	20	13.56117	0.0086	86.28	±0.01	±100
	30	13.56108	0.0080	79.65	±0.01	±100
	40	13.56116	0.0086	85.55	±0.01	±100
	50	13.56110	0.0081	81.12	±0.01	±100
3.4	20	13.56113	0.0083	83.33	±0.01	±100
4.2	20	13.56127	0.0094	93.66	±0.01	±100

Note: the extreme voltage was declared by the applicant.

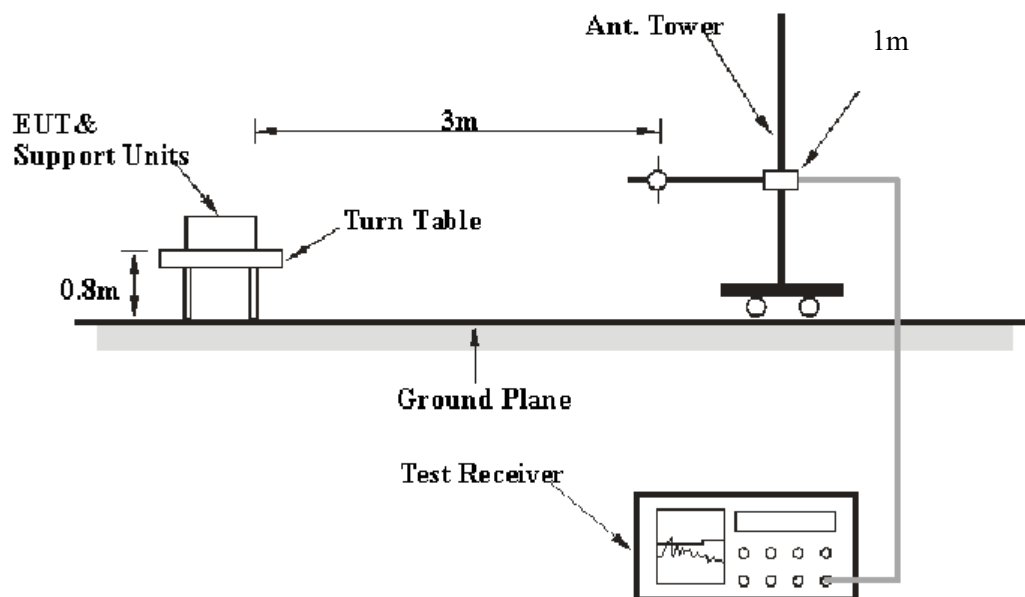
FCC§15.215(c) - 20dB EMISSION BANDWIDTH

Requirement

Per 15.215 (c) Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If a frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.

Test Procedure

Measure the frequency difference of two frequencies that were attenuated 20 dB from the reference level. Record the frequency difference as the emission bandwidth.



Test Data

Environmental Conditions

Temperature:	25.2 °C
Relative Humidity:	53 %
ATM Pressure:	100.1 kPa

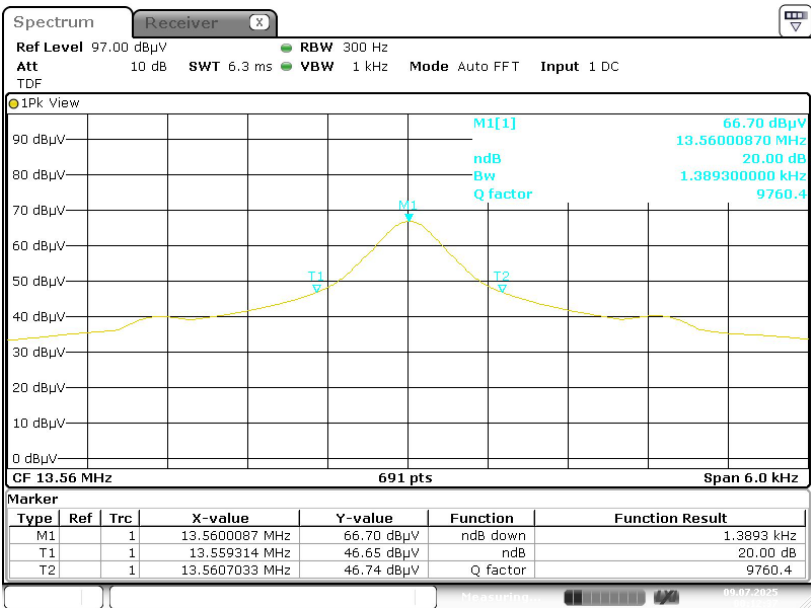
The testing was performed by Anson Su on 2025-07-09.

Test Mode: Transmitting

Test Result: Pass

Test Frequency (MHz)	20dB Bandwidth (kHz)
13.56	1.389

20 dB Emission Bandwidth



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Date: 9.JUL.2025 00:12:37

RSS-GEN CLAUSE 6.7 - 99% OCCUPIED BANDWIDTH

Applicable Standard

According to RSS-Gen §6.7

The occupied bandwidth or the “99% emission bandwidth” is defined as the frequency range between two points, one above and the other below the carrier frequency, within which 99% of the total transmitted power of the fundamental transmitted emission is contained. The occupied bandwidth shall be reported for all equipment in addition to the specified bandwidth required in the applicable RSSs.

In some cases, the “x dB bandwidth” is required, which is defined as the frequency range between two points, one at the lowest frequency below and one at the highest frequency above the carrier frequency, at which the maximum power level of the transmitted emission is attenuated x dB below the maximum in-band power level of the modulated signal, where the two points are on the outskirts of the in-band emission.

The following conditions shall be observed for measuring the occupied bandwidth and x dB bandwidth: The Microphone shall be operated at its maximum carrier power measured under normal test conditions. The span of the spectrum analyzer shall be set large enough to capture all products of the modulation process, including the emission skirts, around the carrier frequency, but small enough to avoid having other emissions (e.g. on adjacent channels) within the span.

The detector of the spectrum analyzer shall be set to “Sample”. However, a peak, or peak hold, may be used in place of the sampling detector since this usually produces a wider bandwidth than the actual bandwidth (worst-case measurement). Use of a peak hold (or “Max Hold”) may be necessary to determine the occupied / x dB bandwidth if the device is not transmitting continuously.

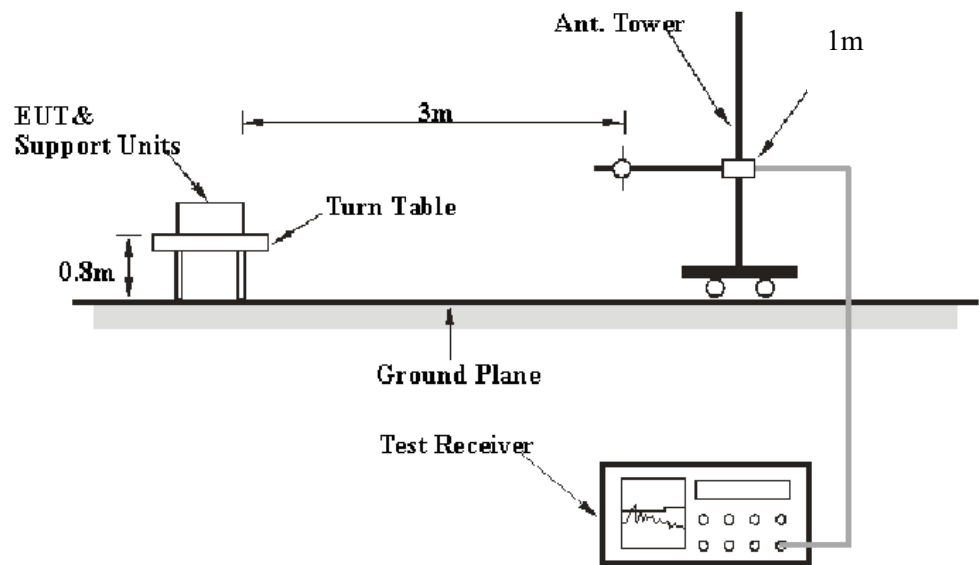
The resolution bandwidth (RBW) shall be in the range of 1% to 5% of the actual occupied / x dB bandwidth and the video bandwidth (VBW) shall not be smaller than three times the RBW value. Video averaging is not permitted.

Note: It may be necessary to repeat the measurement a few times until the RBW and VBW are in compliance with the above requirement.

For the 99% emission bandwidth, the trace data points are recovered and directly summed in linear power level terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached, and that frequency recorded. The process is repeated for the highest frequency data points (starting at the highest frequency, at the right side of the span, and going down in frequency). This frequency is then recorded. The difference between the two recorded frequencies is the occupied bandwidth (or the 99% emission bandwidth)

Test Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.
3. Use 99% OBW test function to test the 99% OBW bandwidth.
4. Repeat above procedures until all frequencies measured were complete.



Test Data

Environmental Conditions

Temperature:	25.2 °C
Relative Humidity:	53 %
ATM Pressure:	100.1 kPa

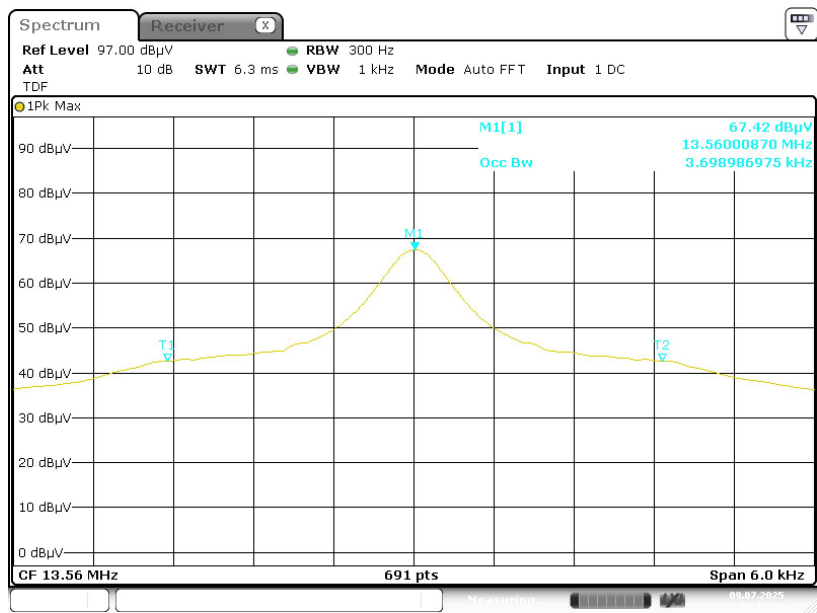
The testing was performed by Anson Su on 2025-07-09.

Test Mode: Transmitting

Test Result: Pass

Test Frequency (MHz)	OBW (kHz)
13.56	3.699

Occupied Bandwidth



ProjectNo.:2501T17664E-RF Tester:Anson Su
Date: 9.JUL.2025 00:15:10

EUT PHOTOGRAPHS

Please refer to the attachment 2501T17664E-RF External photo and 2501T17664E-RF Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2501T17664E-RF-TSPF Test Setup photo.

******* END OF REPORT *******