NVLAP TESTING
NVLAP LAB CODE 600341-0

BACL Bay Area Compliance Labs Corp.

TEST REPORT

Applicant:	**Shenzhen Xinguodu Technology Co.,Ltd.**
Address:	**17B JinSong Mansion, Tairan 4th Road, Shatou Street, Futian District, Shenzhen, Guangdong, China.**
Product Name:	**POS terminal**
FCC ID:	**XDQN6PROMIS-01**
Standard(s):	**47 CFR Part 15, Subpart C(15.247) ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 KDB 558074 D01 15.247 Meas Guidance v05r02**
Report Number:	**2602Q24303E-RF-00A**
Report Date:	**2026/3/28**

The above device has been tested and found compliant with the requirement of the relevant standards by Bay Area Compliance Laboratories Corp. (Dongguan).

Reviewed By: **Alice Tan**	**Approved By:** **Pedro Yun**
Title: RF Engineer	Title: RF Supervisor

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CONTENTS

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	2602Q24303E-RF-00A	Original Report	2026/3/28

1. GENERAL INFORMATION

1.1 General Description Of Equipment under Test

EUT Name:	POS terminal
EUT Model:	N6 Pro
Operation Frequency:	2402-2480 MHz
Maximum Peak Output Power (Conducted):	4.54dBm
Modulation Type:	GFSK
Rated Input Voltage:	5Vdc from adapter
Serial Number:	For AC Line Conducted Emissions and Radiated Spurious Emissions tests:3HSD-1(Configuration 1#) For RF Conducted test: 3HSD-2(Configuration 1#)
EUT Received Date:	2026/2/27
EUT Received Status:	Good

The device has two Configurations, Configuration 1# and Configuration 2#, the differences between them are as following:

Configuration	SIM	ESIM
Configuration 1#	Single	√
Configuration 2#	Dual	×

Note: Per 15B report, Configuration 1# was the worst for AC Line Conducted Emissions and Radiated Spurious Emissions, so only performed it this report.

1.2 Accessory Information

Accessory Description	Manufacturer	Model	Parameters
Adapter 1#	SHENZHEN RUIJING INDUSTRIAL CO LTD	STC-A520A-Z	Input: 100-240Vac 50/60Hz 400mA Output: 5.0Vdc 2000mA
Adapter 2#	Jiangxi Jian Aohai Technology Co.,Ltd	A319-050200U-US2	Input: 100-240Vac 50/60Hz 0.3A Output: 5.0Vdc 2000mA
docking station	Shenzhen Xinguodu Technology Co.,Ltd.	/	Power: 5.0Vdc 2.0A

Note: Per 15B report, Power by docking station+ Adapter 2# was the worst for AC Line Conducted Emissions and Power by docking station+ Adapter 1# was the worst for Radiated Spurious Emissions Below 1G, Power by Adapter 2# was the worst for Radiated Spurious Emissions Above 1G, so only performed it this report.

1.3 Antenna Information Detail▲

Antenna Type	input impedance (Ohm)	Frequency Range (MHz)	Antenna Gain (dBi)
LDS	50	2400-2500	0.73

The design of compliance with §15.203:

☒ Unit uses a permanently attached antenna.

☐ Unit uses a unique coupling to the intentional radiator.

☐ Unit was professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

1.4 Equipment Modifications

No modifications are made to the EUT during all test items.

2. SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
FCC §15.207(a)	AC Line Conducted Emissions	Compliant
FCC §15.205,§15.209,§15.247(d)	Radiated Spurious Emission	Compliant
FCC §15.247(a)(2)	6dB Emission Bandwidth	Compliant
FCC §15.247(b)(1)	Maximum Conducted Output Power	Compliant
FCC §15.247(d)	Conducted Spurious Emission	Compliant
FCC §15.247(e)	Power Spectral Density	Compliant
FCC §15.203	Antenna Requirement	Compliant
FCC §15.247 (i) & §1.1310 & §2.1093	SAR Evaluation	Compliant

3. DESCRIPTION OF TEST CONFIGURATION

3.1 Operation Frequency Detail

Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	**2402**	20	2442
1	2404	…	…
…	…	…	…
…	…	…	…
…	…	38	2478
19	**2440**	39	**2480**

Note 1: The above frequencies in bold were performed the test.
Note 2: For AC line conducted emissions, the maximum output power mode and channel was tested.
Note 3: For Radiated Spurious Emissions 9kHz~1GHz and 18~25GHz, the maximum output power mode and channel was tested.

3.2 EUT Operation Condition

The EUT was configured for testing in Engineering Mode, which was provided by the manufacturer. The EUT configuration as below:

EUT Exercise Software:	Engineering mode		
The software was provided by manufacturer. The maximum power was configured as below, that was provided by the manufacturer▲:			
Test Modes	Power Level Setting		
	Lowest Channel	Middle Channel	Highest Channel
BLE 1Mbps	8	8	8

3.3 Support Equipment List and Details

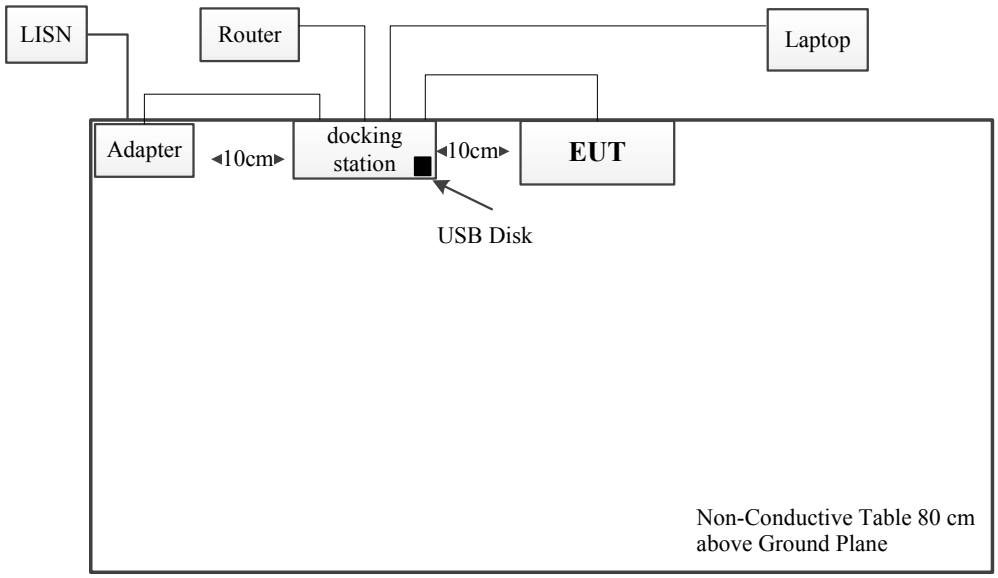
Manufacturer	Description	Model	Serial Number
DELL	Laptop	E6410	GMLGPM1
TOTO Link	Router	LR1200	190924004S1
Kingston	USB Disk	32G	EMZBUD21103001

3.4 Support Cable List and Details

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
USB Cable	no	no	1.5	Adapter	EUT
USB Cable	no	no	1.5	Adapter	docking station
RS232 Cable	no	no	2.0	Laptop	docking station
RJ45 Cable	no	no	3.0	Router	docking station
USB Cable	no	no	1.5	EUT	docking station

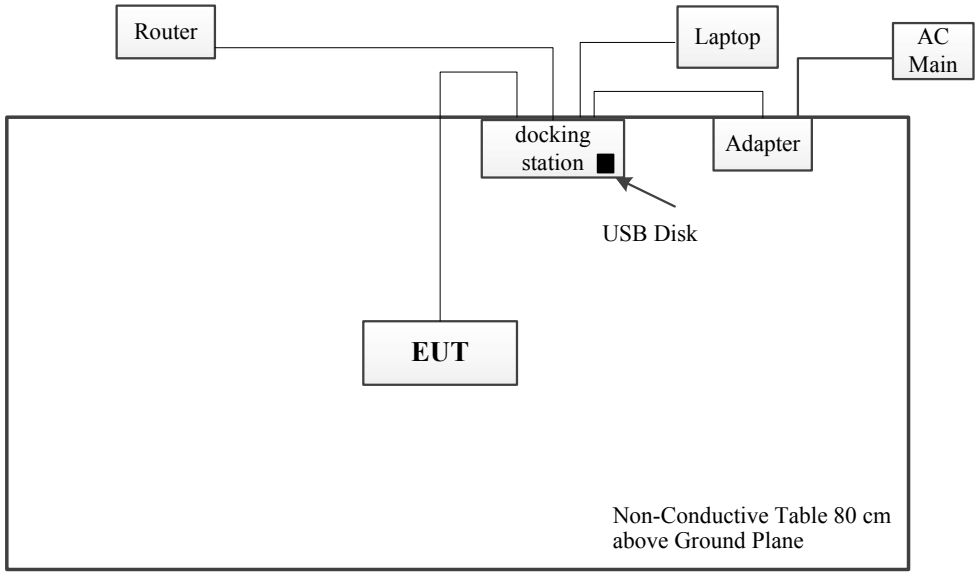
3.5 Block Diagram of Test Setup

AC line conducted emissions:

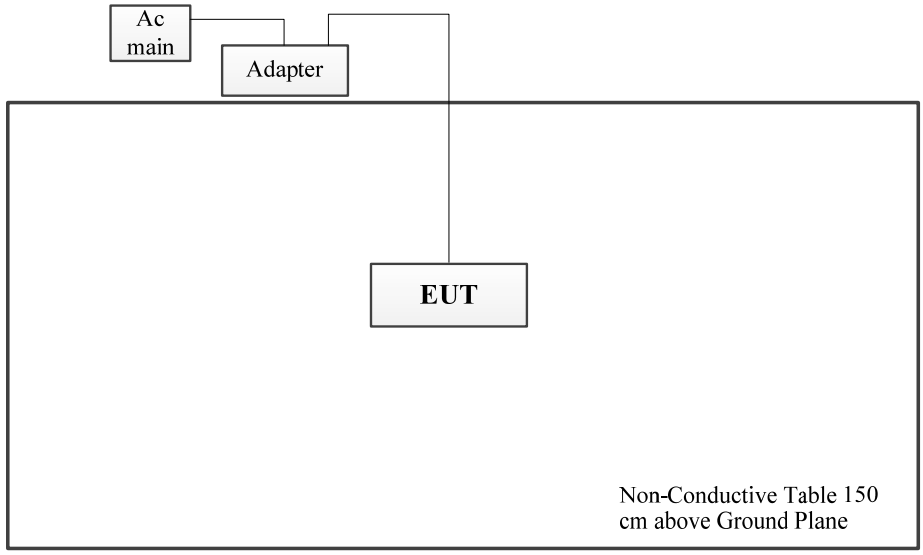


Spurious Emissions:

Below 1GHz:



Above 1GHz:



3.6 Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, 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. : 829273, the FCC Designation No. : CN5044.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0022.

3.7 Measurement Uncertainty

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

Parameter	Measurement Uncertainty
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±0.55 dB
Power Spectral Density, conducted	±0.55 dB
Unwanted Emissions, radiated	9kHz~30MHz: 3.06dB, 30MHz~1GHz: 6.13 dB,1GHz~6GHz: 4.79 dB, 6GHz~18GHz: 4.63 dB, 18GHz~26.5GHz:4.79 dB, 26.5GHz~40GHz:4.63 dB
Unwanted Emissions, conducted	±2.47 dB
Temperature	±1℃
Humidity	±5%
DC and low frequency voltages	±0.4%
Duty Cycle	1%
AC Power Lines Conducted Emission	2.83 dB (150 kHz to 30 MHz)

4. REQUIREMENTS AND TEST PROCEDURES

4.1 AC Line Conducted Emissions

4.1.1 Applicable Standard

FCC§15.207(a).

(a) Except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μH/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

	Conducted limit (dBμV)	
Frequency of emission (MHz)	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

(b) The limit shown in paragraph (a) of this section shall not apply to carrier current systems operating as intentional radiators on frequencies below 30 MHz. In lieu thereof, these carrier current systems shall be subject to the following standards:

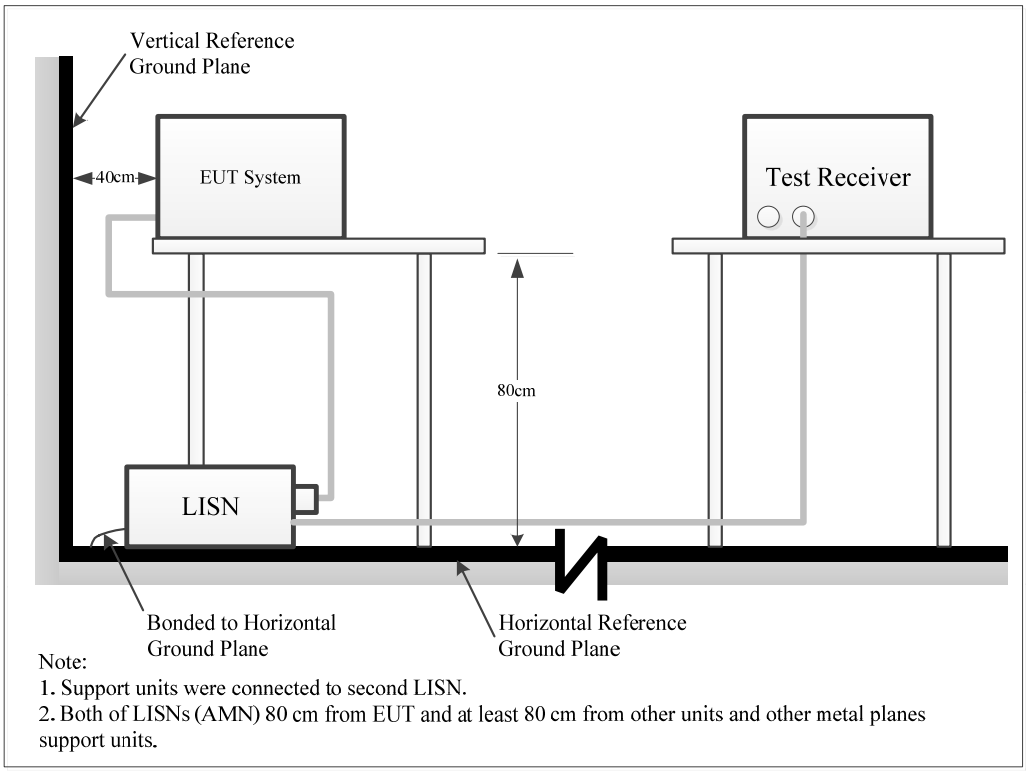
(1) For carrier current system containing their fundamental emission within the frequency band 535-1705 kHz and intended to be received using a standard AM broadcast receiver: no limit on conducted emissions.

(2) For all other carrier current systems: 1000 μV within the frequency band 535-1705 kHz, as measured using a 50 μH/50 ohms LISN.

(3) Carrier current systems operating below 30 MHz are also subject to the radiated emission limits in §15.205, §15.209, §15.221,§15.223, or §15.227, as appropriate.

(c) Measurements to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines. Devices that include, or make provisions for, the use of battery chargers which permit operating while charging, AC adapters or battery eliminators or that connect to the AC power lines indirectly, obtaining their power through another device which is connected to the AC power lines, shall be tested to demonstrate compliance with the conducted limits.

4.1.2 EUT Setup



Note:
1. Support units were connected to second LISN.
2. Both of LISNs (AMN) 80 cm from EUT and at 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 limits.

The spacing between the peripherals was 10cm.

The adapter or EUT was connected to the main LISN with a 120 V/60 Hz AC power source.

4.1.3 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	IF B/W
150 kHz – 30 MHz	9 kHz

4.1.4 Test Procedure

The frequency and amplitude of the six highest ac power-line conducted emissions relative to the limit, measured over all the current-carrying conductors of the EUT power cords, and the operating frequency or frequency to which the EUT is tuned (if appropriate), should be reported, unless such emissions are more than 20 dB below the limit. AC power-line conducted emissions measurements are to be separately carried out only on each of the phase ("hot") line(s) and (if used) on the neutral line(s), but not on the ground[protective earth] line(s). If less than six emission frequencies are within 20 dB of the limit, then the noise level of the measuring instrument at representative frequencies should be reported. The specific conductor of the power-line cord for each of the reported emissions should be identified. Measure the six highest emissions with respect to the limit on each current-carrying conductor of each power cord associated with the EUT (but not the power cords of associated or peripheral equipment that are part of the test configuration). Then, report the six highest emissions with respect to the limit from among all the measurements identifying the frequency and specific current-carrying conductor identified with the emission. The six highest emissions should be reported for each of the current-carrying conductors, or the six highest emissions may be reported over all the current-carrying conductors.

4.1.5 Corrected Result& Margin Calculation

The basic equation is as follows:

Result = Reading + Factor
Factor=attenuation caused by cable loss + voltage division factor of AMN

The "**Margin**" column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

4.1.6 Test Result

Please refer to section 5.1.

4.2 Radiation Spurious Emissions

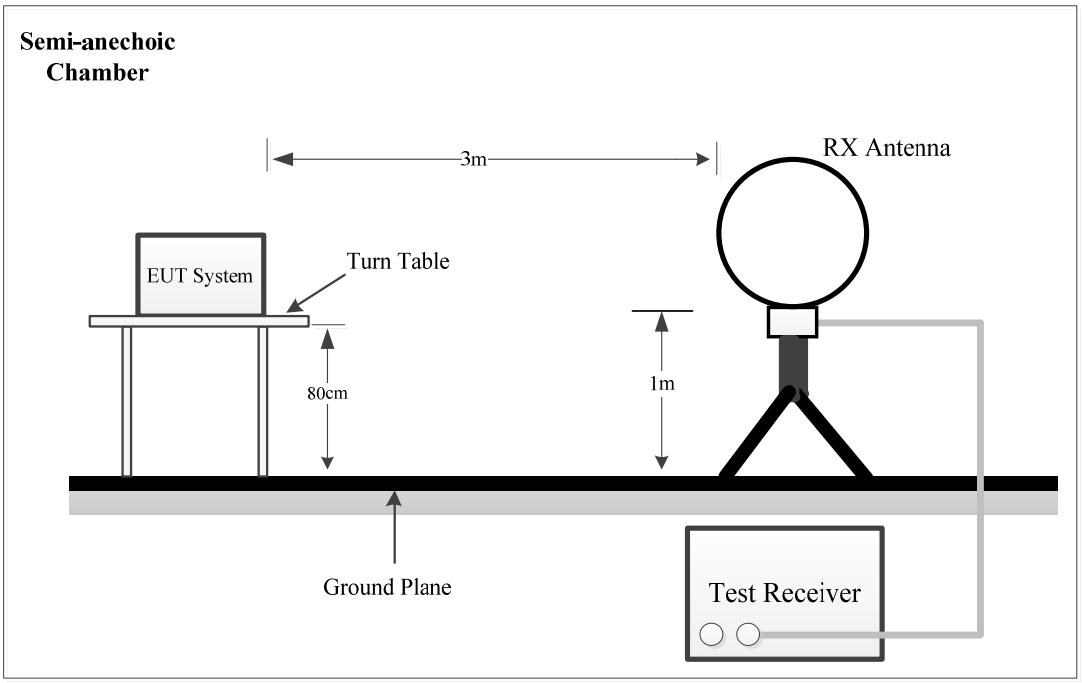
4.2.1 Applicable Standard

FCC §15.247 (d);

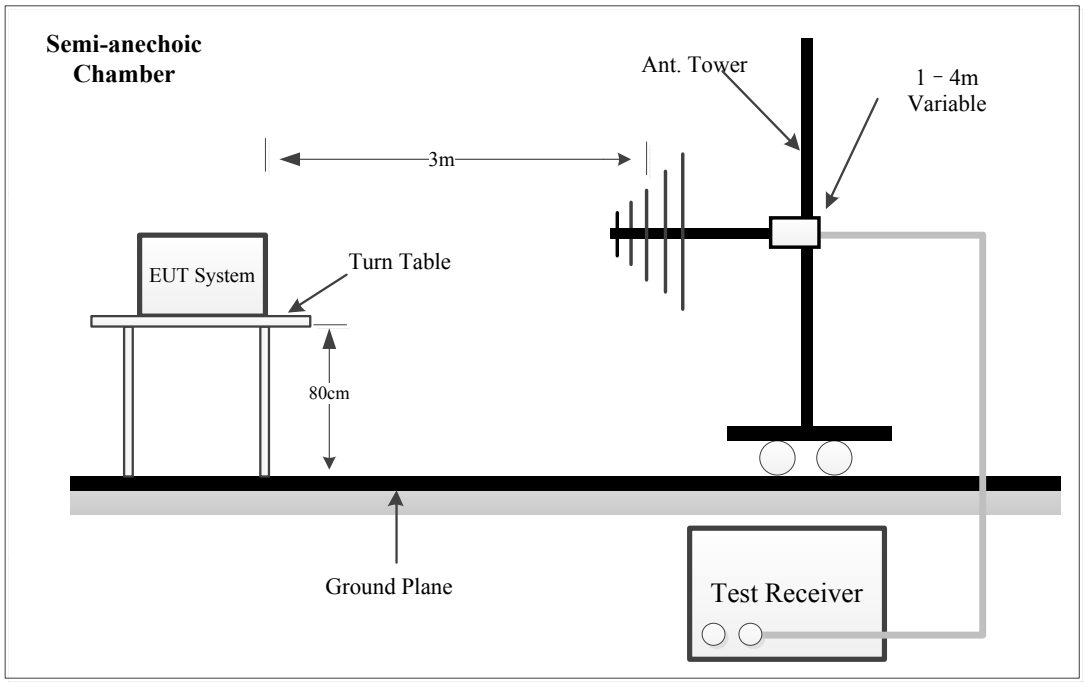
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in§15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

4.2.2 EUT Setup

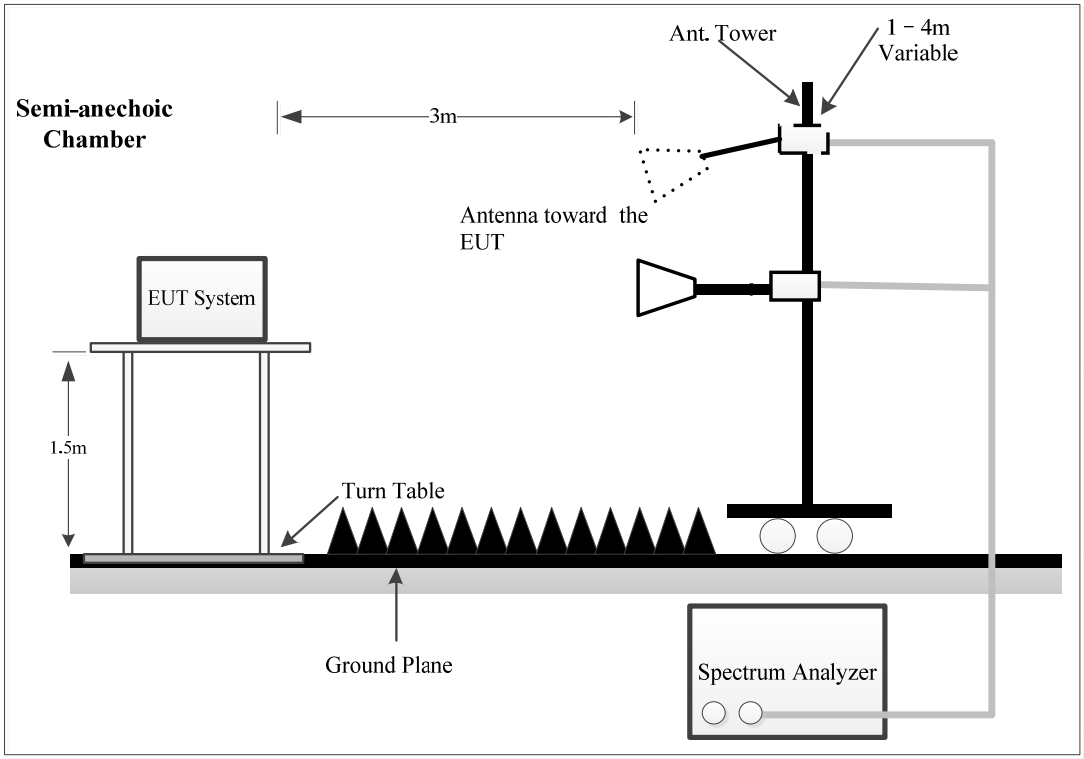
9kHz-30MHz:



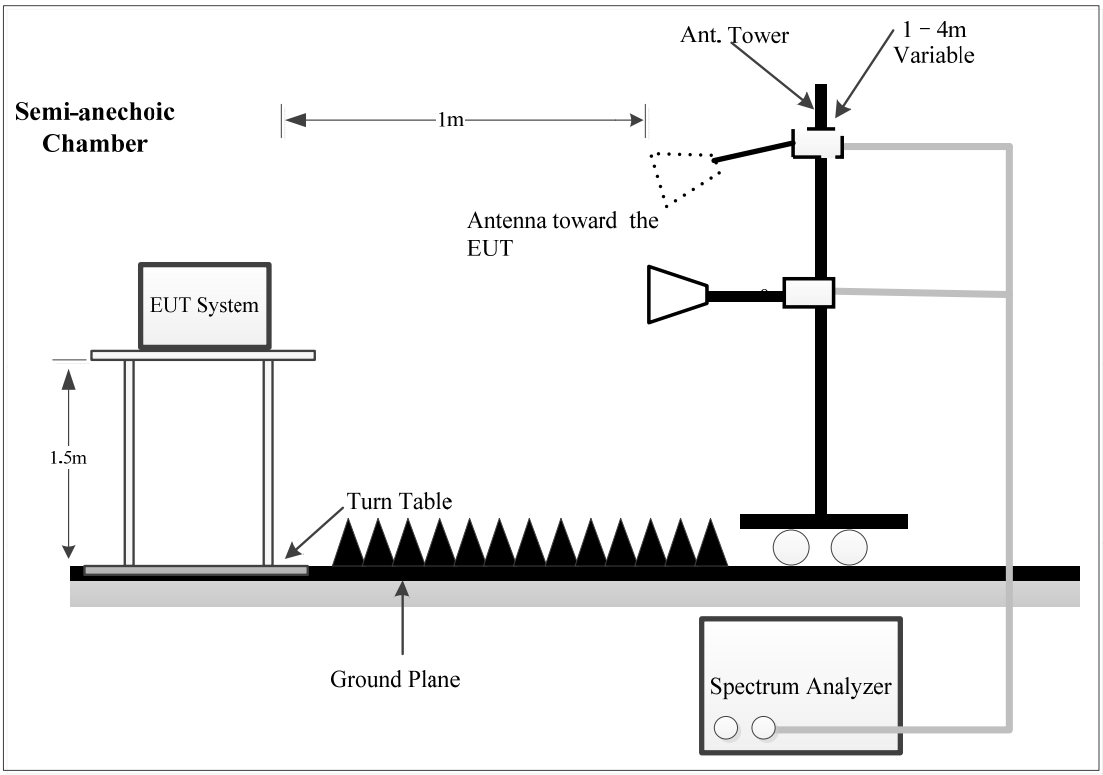
30MHz~1GHz:



1-18GHz:



18-25GHz:



The radiated emissions were performed in the 3 meters distance, using the setup accordance with the ANSI C63.10-2020. The specification used was the FCC 15.209, and FCC 15.247 limits.

For 9kHz-30MHz test, the lowest height of the magnetic antenna shall be 1 m above the ground and three antenna orientations (parallel, perpendicular, and ground-parallel) shall be measured.

4.2.3 EMI Test Receiver & Spectrum Analyzer Setup

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

9kHz-1000MHz:

Frequency Range	Measurement	RBW	Video B/W	IF B/W	Detector
9 kHz-150 kHz	QP/AV	200 Hz	1 kHz	200 Hz	QP/AV
150 kHz-30 MHz	QP/AV	9 kHz	30 kHz	9 kHz	QP/AV
30 MHz-1000 MHz	Peak	120 kHz	500 kHz	/	PK
	QP	/	/	120 kHz	QP

1GHz- 25GHz:
Pre-scan:

Measurement	Detector	RBW	Video B/W
PK	PK	1MHz	3 MHz
Ave.	PK	1MHz	5kHz

Final measurement for emission identified during the pre-scan:

Measurement	Detector	Duty cycle	RBW	Video B/W
PK	PK	Any	1MHz	3 MHz
Ave.	PK	>98%	1MHz	10 Hz
		<98%	1MHz	≥1/T

Note: T is minimum transmission duration

4.2.4 Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

Data was required in Quasi-peak measurement for frequency range of 9 kHz-1 GHz except 9-90 kHz, 110-490 kHz, employing an average measurement, peak and Average measurement for frequencies above 1 GHz.

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

All emissions under the average limit and under the noise floor have not recorded in the report.

For Radiated 18-25GHz test, which was performed at 1.0 m distance, according to C63.10, the test result shall be extrapolated to the specified distance using an extrapolation Factor of 20dB/decade from 3m to 1.0m
Distance extrapolation Factor =20 log (specific distance [3m]/test distance [1.0m]) dB= 9.54 dB

4.2.5 Corrected Result & Margin Calculation

$E_{Log} = 20 \times \log_{10}(E_{Linear})$

E_{Linear} is the field strength of the emission, in μ V/m
E_{Log} is the field strength of the emission, in dB μ V/m

For 9kHz-30MHz test, test distance is 3m, extrapolation limit shall be calculated using Equation:

$E_{limit\text{-}measure} = E_{limit\text{-}Standard} + 40 \times \log_{10}(d_{standard}/d_{measure})$

The basic equation except 18-25GHz test is as follows:
Factor = Antenna Factor + Cable Loss- Amplifier Gain

For Radiated 18-25GHz test:
Factor = Antenna Factor + Cable Loss- Distance extrapolation Factor- Amplifier Gain

Result = Reading + Factor

The "**Margin**" column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

4.2.6 Test Result

Please refer to section 5.2.

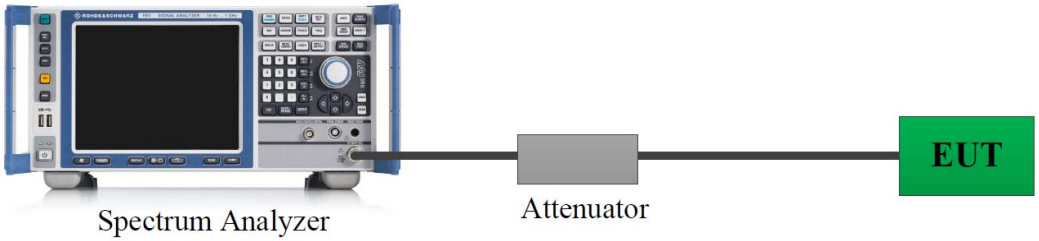
4.3 Minimum 6 dB Bandwidth

4.3.1 Applicable Standard

FCC §15.247 (a)(2)

Systems using digital modulation techniques may operate in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

4.3.2 EUT Setup



4.3.3 Test Procedure

According to ANSI C63.10-2020 Section 11.8

a) Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz.
b) Set the VBW ≥ [3 × RBW].
c) Detector = peak.
d) Trace mode = max-hold.
e) Sweep = No faster than coupled (auto) time.
f) Allow the trace to stabilize.
g) Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the "−6 dB down amplitude". If a marker is below this "−6 dB down amplitude" value, then it shall be as close as possible to this value.

4.3.4 Test Result

Please refer to section 5.3.

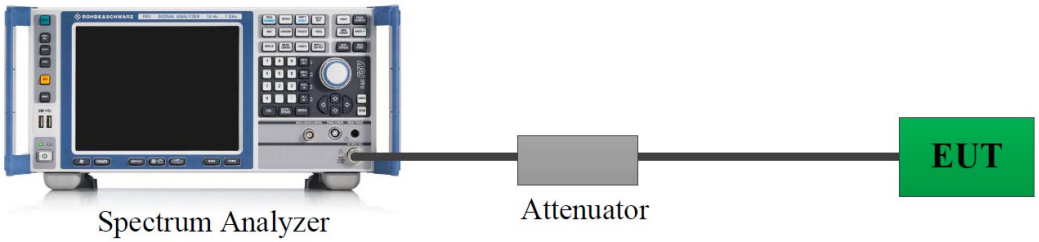
4.4 Maximum Conducted Output Power

4.4.1 Applicable Standard

FCC §15.247 (b)(3)

For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

4.4.2 EUT Setup



A short RF cable with low cable loss connected to the EUT antenna port. The insert loss of this RF cable/attenuator was offset into the setting of test equipment:

Offset=Insert loss of RF cable+ Insert loss of attenuator

4.4.3 Test Procedure

According to ANSI C63.10-2020 Section 11.9.1.1

The following procedure shall be used when an instrument with a resolution bandwidth that is greater than the DTS bandwidth is available to perform the measurement:
a) Set the RBW ≥ DTS bandwidth.
b) Set VBW ≥ [3 × RBW].
c) Set span ≥ [3 × RBW].
d) Sweep time = No faster than coupled (auto) time.
e) Detector = peak.
f) Trace mode = max hold.
g) Allow trace to fully stabilize.
h) Use peak marker function to determine the peak amplitude level.

4.4.4 Test Result

Please refer to section 5.4.

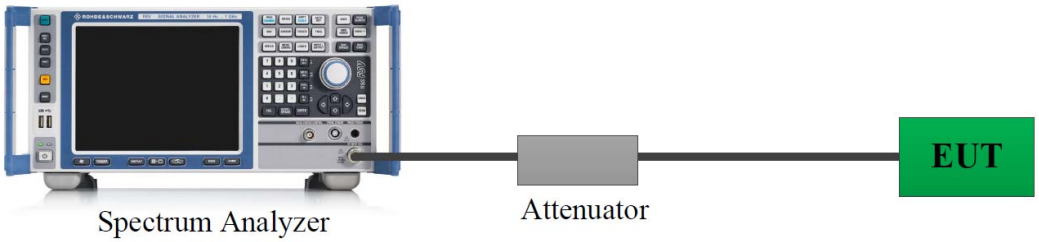
4.5 Maximum power spectral density

4.5.1 Applicable Standard

FCC §15.247 (e)

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

4.5.2 EUT Setup



A short RF cable with low cable loss connected to the EUT antenna port. The insert loss of this RF cable/attenuator was offset into the setting of test equipment:

Offset=Insert loss of RF cable+ Insert loss of attenuator

4.5.3 Test Procedure

According to ANSI C63.10-2020 Section 11.10.2

a) Set analyzer center frequency to DTS channel center frequency.
b) Set the span >1.5 times the DTS bandwidth.
c) Set the RBW to 3 kHz ≤ RBW ≤ 100 kHz.
d) Set the VBW ≥ [3 × RBW].
e) Detector = peak.
f) Sweep time = No faster than coupled (auto) time.
g) Trace mode = max hold.
h) Allow trace to fully stabilize.
i) Use the peak marker function to determine the maximum amplitude level within the RBW.
j) If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.

4.5.4 Test Result

Please refer to section 5.5.

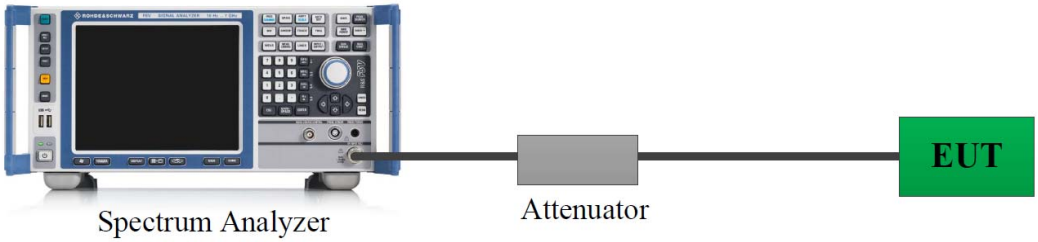
4.6 Conducted Spurious Emission

4.6.1 Applicable Standard

FCC §15.247 (d);

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in§15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

4.6.2 EUT Setup



A short RF cable with low cable loss connected to the EUT antenna port. The insert loss of this RF cable/attenuator was offset into the setting of test equipment:

Offset=Insert loss of RF cable+ Insert loss of attenuator

4.6.3 Test Procedure

According to ANSI C63.10-2020 Section 11.11

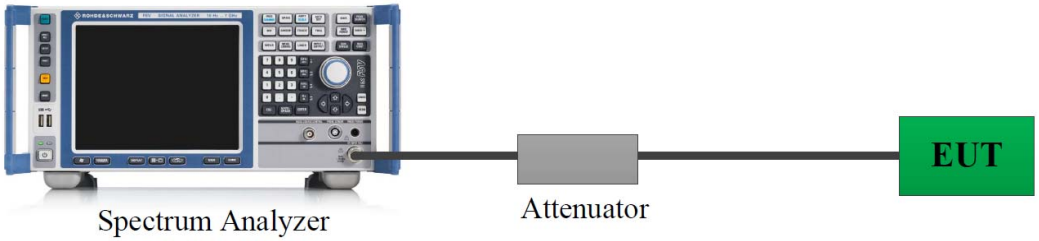
a) Set the center frequency and span to encompass frequency range to be measured.
b) Set the RBW = 100 kHz.
c) Set the VBW ≥ [3 × RBW].
d) Detector = peak.
e) Sweep time = No faster than coupled (auto) time.
f) Trace mode = max hold.
g) Allow trace to fully stabilize.
h) Use the peak marker function to determine the maximum amplitude level.
Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) is attenuated by at least the minimum requirements specified in 11.11. Report the three highest emissions relative to the limit.

4.6.4 Test Result

Please refer to section 5.6.

4.7 Duty Cycle

4.7.1 EUT Setup



4.7.2 Test Procedure

According to ANSI C63.10-2020 Section 11.6

The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the ON and OFF times of the transmitted signal:
1) Set the center frequency of the instrument to the center frequency of the transmission.
2) Set RBW ≥ OBW if possible; otherwise, set RBW to the largest available value.
3) Set VBW ≥ RBW. Set detector = peak or average.
4) The zero-span measurement method shall not be used unless both RBW and VBW are> 50/T and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring the duty cycle shall not be used if T ≤ 16.7 μs.)

4.7.3 Judgment

Report only, please refer to section 5.7.

4.8 Antenna Requirement

4.8.1 Applicable Standard

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. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§15.211, 15.213, 15.217, 15.219, 15.221, or§15.236. 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.

4.8.2 Judgment

Compliant. Please refer to the Antenna Information detail in Section 1.3.

5. TEST DATA AND RESULTS

5.1 AC Line Conducted Emissions

Serial Number:	3HSD-1	Test Date:	2026/03/17
Test Site:	CE	Test Mode:	Transmitting
Tester:	Leesin Xiang	Test Result:	Pass

Environmental Conditions:

Temperature: (℃)	23.4	Relative Humidity: (%)	56	ATM Pressure: (kPa)	101

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	LISN	ENV216	101614	2025/6/25	2026/6/24
Unknown	Coaxial Cable	RG 142	C-0200-05	2025/5/6	2026/5/5
R&S	EMI Test Receiver	ESCI	100224	2025/6/25	2026/6/24
Audix	Test Software	E3	191218 V9	N/A	N/A

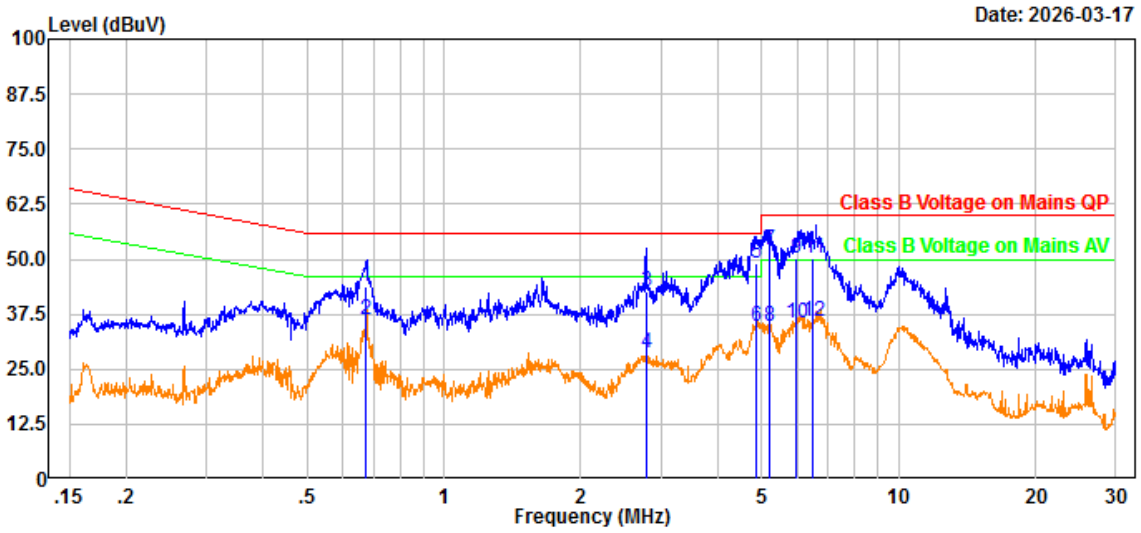
** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:
Please refer to the below plots.

Note: BLE Middle channel was tested.

Project No.: 2602Q24303E-RF
Port: Line
Test Mode: Transmitting
IF B/W 9kHz PK/AV

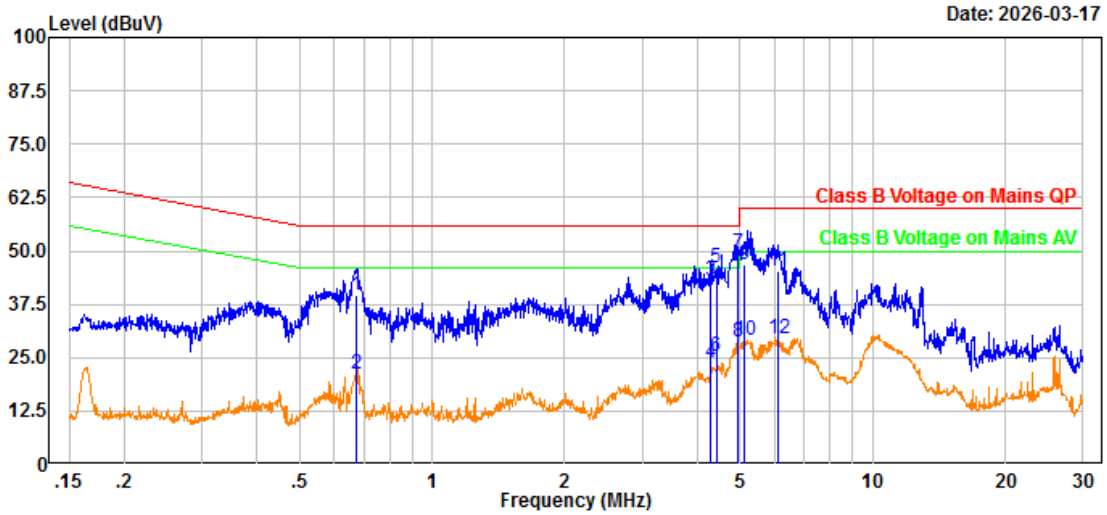
Serial No.: 3HSD-1
Tester: Leesin Xiang
Note: BLE



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Measurement
1	0.672	33.22	10.44	43.66	56.00	12.34	QP
2	0.672	25.80	10.44	36.24	46.00	9.76	Average
3	2.784	31.67	11.07	42.74	56.00	13.26	QP
4	2.784	17.52	11.07	28.59	46.00	17.41	Average
5	4.860	38.25	10.89	49.14	56.00	6.86	QP
6	4.860	23.82	10.89	34.71	46.00	11.29	Average
7	5.209	40.99	10.96	51.95	60.00	8.05	QP
8	5.209	23.72	10.96	34.68	50.00	15.32	Average
9	5.942	39.19	11.12	50.31	60.00	9.69	QP
10	5.942	24.47	11.12	35.59	50.00	14.41	Average
11	6.484	39.07	11.23	50.30	60.00	9.70	QP
12	6.484	24.50	11.23	35.73	50.00	14.27	Average

Project No.: 2602Q24303E-RF
Port: neutral
Test Mode: Transmitting
IF B/W 9kHz PK/AV

Serial No.: 3HSD-1
Tester: Leesin Xiang
Note: BLE



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Measurement
1	0.673	29.21	10.42	39.63	56.00	16.37	QP
2	0.673	10.68	10.42	21.10	46.00	24.90	Average
3	4.270	32.18	10.82	43.00	56.00	13.00	QP
4	4.270	12.87	10.82	23.69	46.00	22.31	Average
5	4.411	35.26	10.82	46.08	56.00	9.92	QP
6	4.411	14.65	10.82	25.47	46.00	20.53	Average
7	4.928	38.45	10.85	49.30	56.00	6.70	QP
8	4.928	17.92	10.85	28.77	46.00	17.23	Average
9	5.108	36.07	10.86	46.93	60.00	13.07	QP
10	5.108	18.11	10.86	28.97	50.00	21.03	Average
11	6.079	34.29	10.90	45.19	60.00	14.81	QP
12	6.079	18.72	10.90	29.62	50.00	20.38	Average

5.2 Radiation Spurious Emissions

1)9kHz - 1GHz

Serial Number:	3HSD-1	Test Date:	2026/3/18
Test Site:	Chamber 10m	Test Mode:	Transmitting
Tester:	Jayce Wang	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	24.2	Relative Humidity: (%)	47	ATM Pressure: (kPa)	101.5

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
EMCO	Passive Loop Antenna	6512	9706-1206	2023/10/25	2026/10/24
Sunol Sciences	Hybrid Antenna	JB3	A060611-1	2025/6/23	2028/6/22
Narda	Coaxial Attenuator	779-6dB	04269	2025/6/23	2028/6/22
Unknown	Coaxial Cable	C-NJNJ-50	C-1000-01	2025/7/1	2026/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-04	2025/7/1	2026/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0530-01	2025/7/1	2026/6/30
Sonoma	Amplifier	310N	185914	2025/8/25	2026/8/24
R&S	EMI Test Receiver	ESR3	102453	2025/6/25	2026/6/24
Audix	Test Software	E3	191218 V9	N/A	N/A

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

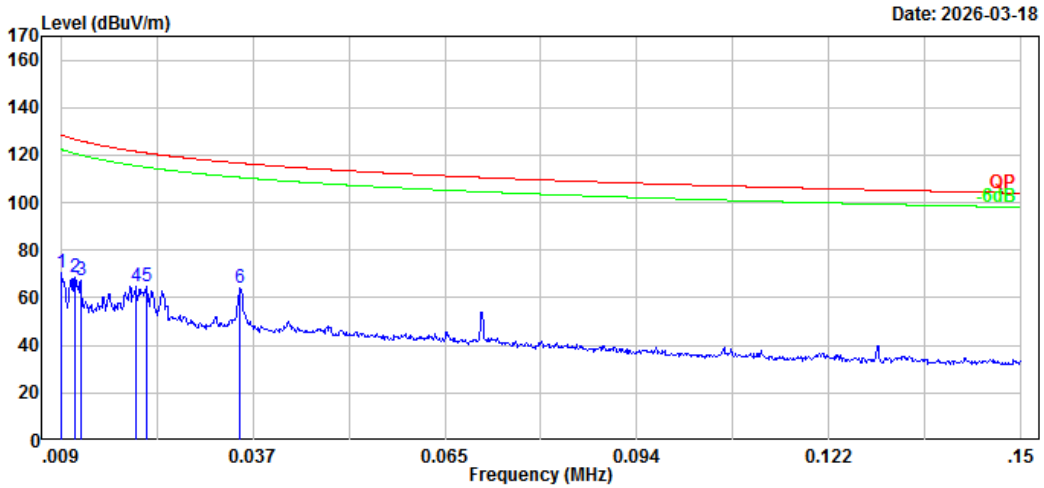
Test Data:
Please refer to the below plots.
After pre-scan in the X, Y and Z axes of orientation, the worst case(Y axes was the worst) is refer to plots.

Note: BLE Middle channel was tested.

9kHz~30MHz

Three antenna orientations (parallel, perpendicular, and ground-parallel) was measured, the worst orientations was below:

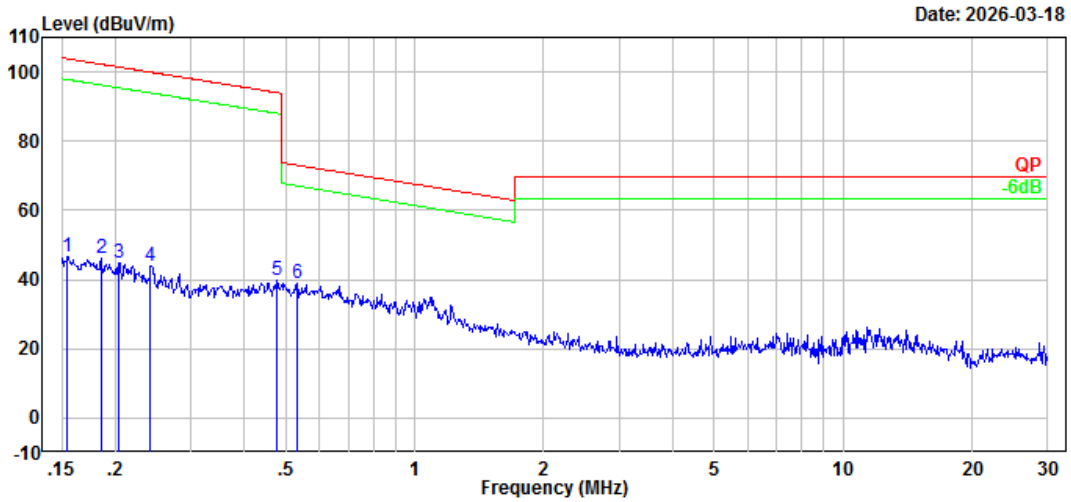
```
Project No.: 2602Q24303E-RF                Serial No.: 3HSD-1
Polarization: Parallel                         Tester: Jayce Wang
   Test Mode: Transmitting
        Note: BLE
            : RBW:200Hz,VBW:1kHz
```



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	0.009	17.10	53.19	70.29	128.38	58.09	Peak
2	0.011	16.12	52.53	68.65	126.69	58.04	Peak
3	0.012	14.96	52.30	67.26	126.05	58.79	Peak
4	0.020	14.75	50.04	64.79	121.58	56.79	Peak
5	0.022	15.09	49.65	64.74	120.94	56.20	Peak
6	0.035	17.81	46.60	64.41	116.63	52.22	Peak

Project No.: 2602Q24303E-RF
Polarization: Parallel
Test Mode: Transmitting
Note: BLE
: RBW:9kHz,VBW:30kHz

Serial No.: 3HSD-1
Tester: Jayce Wang

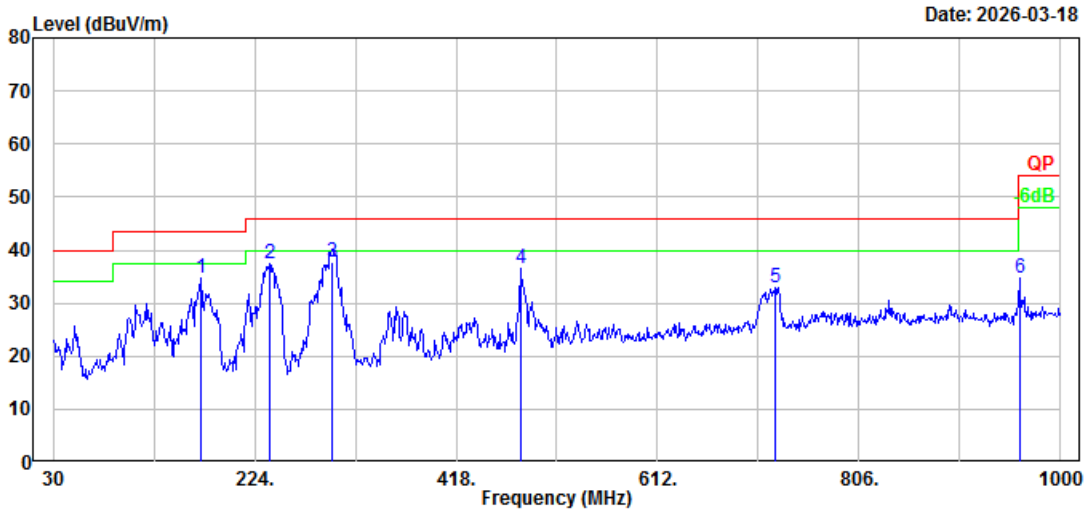


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	0.155	14.30	32.37	46.67	103.81	57.14	Peak
2	0.185	15.61	30.68	46.29	102.24	55.95	Peak
3	0.204	15.26	29.65	44.91	101.41	56.50	Peak
4	0.242	16.36	27.51	43.87	99.94	56.07	Peak
5	0.476	16.00	23.60	39.60	94.05	54.45	Peak
6	0.532	15.83	23.19	39.02	73.07	34.05	Peak

30MHz-1GHz

Project No.: 2602Q24303E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: BLE
: RBW:120kHz,VBW:500kHz

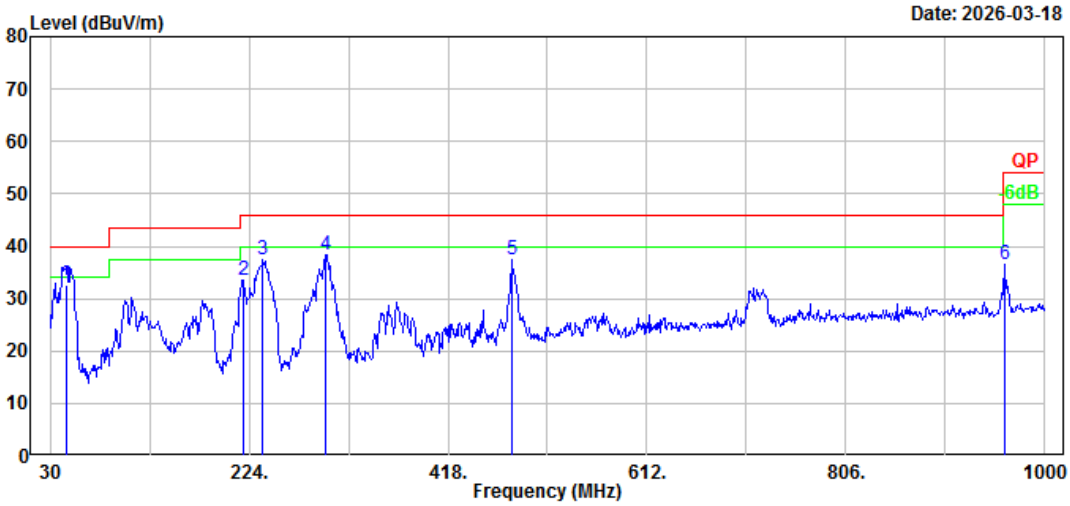
Serial No.: 3HSD-1
Tester: Jayce Wang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	171.62	46.50	-11.77	34.73	43.50	8.77	Peak
2	238.55	49.53	-11.95	37.58	46.00	8.42	Peak
3	298.69	46.92	-9.32	37.60	46.00	8.40	QP
4	480.08	41.34	-4.75	36.59	46.00	9.41	Peak
5	725.49	33.84	-0.88	32.96	46.00	13.04	Peak
6	960.23	32.80	2.00	34.80	54.00	19.20	Peak

Project No.: 2602Q24303E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: BLE
: RBW:120kHz,VBW:500kHz

Serial No.: 3HSD-1
Tester: Jayce Wang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	45.52	46.54	-13.94	32.60	40.00	7.40	QP
2	218.18	46.15	-12.63	33.52	46.00	12.48	Peak
3	237.58	49.47	-12.01	37.46	46.00	8.54	Peak
4	298.69	47.74	-9.32	38.42	46.00	7.58	Peak
5	480.08	42.06	-4.75	37.31	46.00	8.69	Peak
6	960.23	34.66	2.00	36.66	54.00	17.34	Peak

2) 1-25GHz:

Serial Number:	3HSD-1	Test Date:	2026/3/11
Test Site:	Chamber B	Test Mode:	Transmitting
Tester:	Leo Xiao	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	23.4	Relative Humidity: (%)	45	ATM Pressure: (kPa)	101.4

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
ETS-Lindgren	Horn Antenna	3115	000 527 35	2023/9/7	2026/9/6
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-02 1304	2026/2/21	2029/2/20
Xinhang Macrowave	Coaxial Cable	XH750A-N/J-SMA/J-10M	20231117004 #0001	2025/11/17	2026/11/16
Xinhang Macrowave	Coaxial Cable	XH360A-2.92/J-2.92/J-6M-A	20231208001 #0001	2025/11/14	2026/11/13
AH	Preamplifier	PAM-0118P	530	2025/6/3	2026/6/2
AH	Preamplifier	PAM-1840VH	191	2025/9/4	2026/9/3
R&S	Spectrum Analyzer	FSV40	101944	2025/8/8	2026/8/7
Audix	Test Software	E3	191218 V9	N/A	N/A
Decentest	Multiplex Switch Test Control Set & Filter Switch Unit	DT7220SCU & DT7220FCU	DC79902 & DC79905	2025/8/25	2026/8/24

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

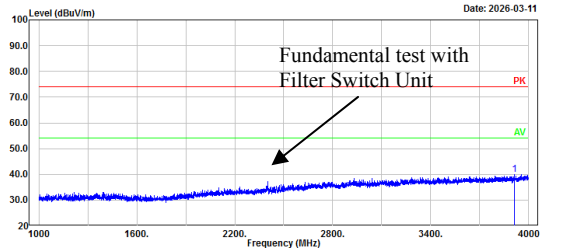
Test Data:

Please refer to the below plots.
After pre-scan in the X, Y and Z axes of orientation, the worst case(Y axes was the worst) is refer to plots.

1-18GHz:

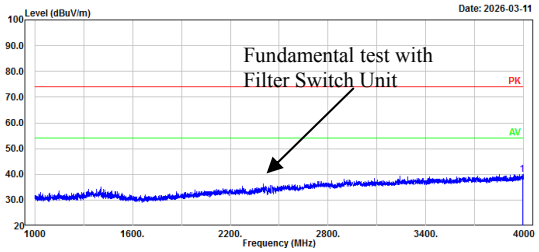
BLE 1M Low Channel Horizontal	BLE 1M Low Channel Vertical

Project No.: 2602Q24303E-RF Serial No.: 3HSD-1
Polarization: Horizontal Tester: Leo Xiao
Test Mode: Transmitting
Note: BLE 1M low channel 2402 MHz
Peak:RBW:1MHz,VBW:3MHz



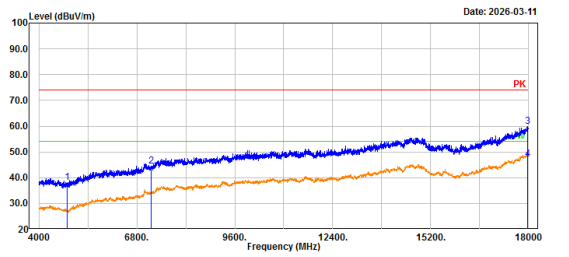
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	3913.60	48.41	-8.42	39.99	74.00	34.01	Peak

Project No.: 2602Q24303E-RF Serial No.: 3HSD-1
Polarization: Vertical Tester: Leo Xiao
Test Mode: Transmitting
Note: BLE 1M low channel 2402 MHz
Peak:RBW:1MHz,VBW:3MHz



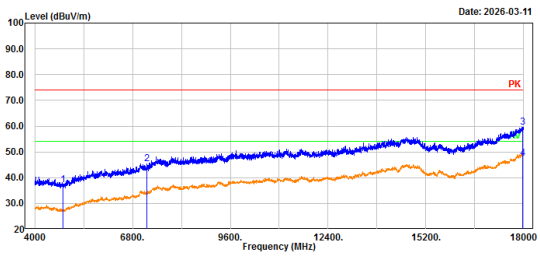
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	3991.00	48.29	-8.22	40.07	74.00	33.93	Peak

Project No.: 2602Q24303E-RF Serial No.: 3HSD-1
Polarization: Horizontal Tester: Leo Xiao
Test Mode: Transmitting
Note: BLE 1M low channel 2402 MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	4804.00	45.70	-7.50	38.20	74.00	35.80	Peak
2	7206.00	47.96	-3.61	44.35	74.00	29.65	Peak
3	17972.00	49.74	10.04	59.78	74.00	14.22	Peak
4	17972.00	37.21	10.04	47.25	54.00	6.75	Average

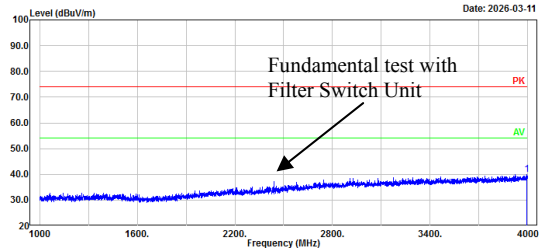
Project No.: 2602Q24303E-RF Serial No.: 3HSD-1
Polarization: Vertical Tester: Leo Xiao
Test Mode: Transmitting
Note: BLE 1M low channel 2402 MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	4804.00	44.78	-7.50	37.28	74.00	36.72	Peak
2	7206.00	48.90	-3.61	45.29	74.00	28.71	Peak
3	17974.80	49.53	10.05	59.58	74.00	14.42	Peak
4	17974.80	37.31	10.05	47.36	54.00	6.64	Average

BLE 1M Middle Channel Horizontal

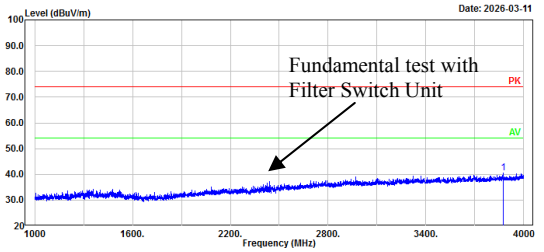
Project No.: 2602Q24303E-RF Serial No.: 3HSD-1
Polarization: Horizontal Tester: Leo Xiao
Test Mode: Transmitting
Note: BLE 1M middle channel 2440 MHz
Peak:RBW:1MHz,VBW:3MHz



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	3991.60	48.13	-8.22	39.91	74.00	34.09	Peak

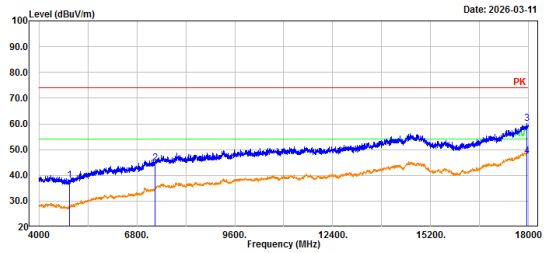
BLE 1M Middle Channel Vertical

Project No.: 2602Q24303E-RF Serial No.: 3HSD-1
Polarization: Vertical Tester: Leo Xiao
Test Mode: Transmitting
Note: BLE 1M middle channel 2440 MHz
Peak:RBW:1MHz,VBW:3MHz



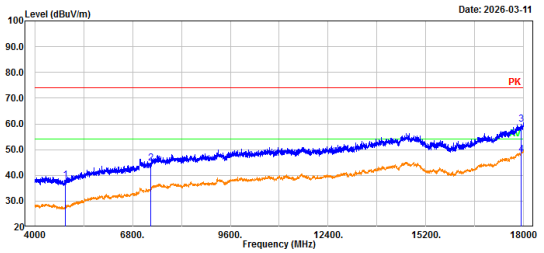
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	3873.40	49.02	-8.54	40.48	74.00	33.52	Peak

Project No.: 2602Q24303E-RF Serial No.: 3HSD-1
Polarization: Horizontal Tester: Leo Xiao
Test Mode: Transmitting
Note: BLE 1M middle channel 2440 MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	4880.00	45.76	-7.53	38.23	74.00	35.77	Peak
2	7320.00	47.92	-3.06	44.86	74.00	29.14	Peak
3	17938.40	50.46	9.82	60.28	74.00	13.72	Peak
4	17938.40	37.63	9.82	47.45	54.00	6.55	Average

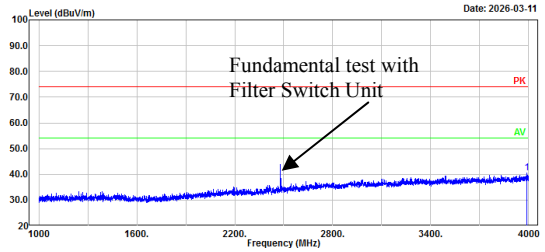
Project No.: 2602Q24303E-RF Serial No.: 3HSD-1
Polarization: Vertical Tester: Leo Xiao
Test Mode: Transmitting
Note: BLE 1M middle channel 2440 MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	4880.00	45.62	-7.53	38.09	74.00	35.91	Peak
2	7320.00	47.95	-3.06	44.89	74.00	29.11	Peak
3	17921.60	50.20	9.70	59.90	74.00	14.10	Peak
4	17921.60	38.23	9.70	47.93	54.00	6.07	Average

BLE 1M High Channel Horizontal

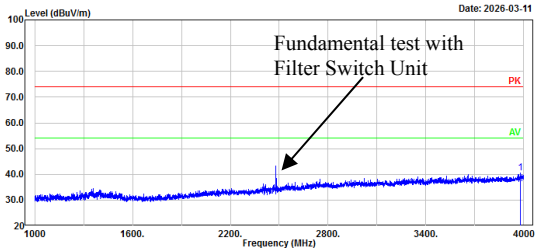
Project No.: 2602Q24303E-RF Serial No.: 3HSD-1
Polarization: Horizontal Tester: Leo Xiao
Test Mode: Transmitting
Note: BLE 1M high channel 2480 MHz
Peak:RBW:1MHz,VBW:3MHz



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	3986.80	48.70	-8.23	40.47	74.00	33.53	Peak

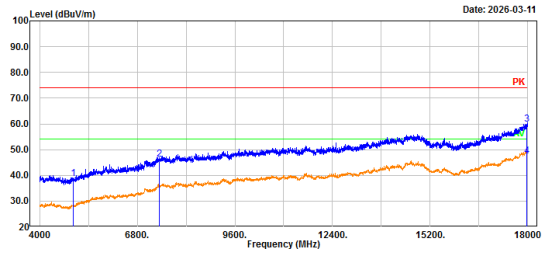
BLE 1M High Channel Vertical

Project No.: 2602Q24303E-RF Serial No.: 3HSD-1
Polarization: Vertical Tester: Leo Xiao
Test Mode: Transmitting
Note: BLE 1M high channel 2480 MHz
Peak:RBW:1MHz,VBW:3MHz



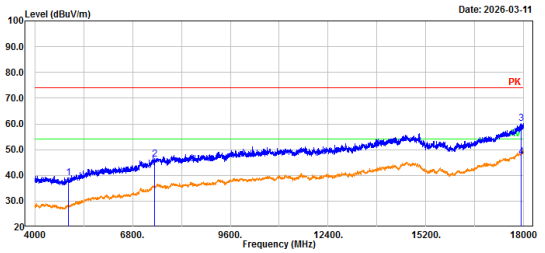
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	3977.80	48.72	-8.26	40.46	74.00	33.54	Peak

Project No.: 2602Q24303E-RF Serial No.: 3HSD-1
Polarization: Horizontal Tester: Leo Xiao
Test Mode: Transmitting
Note: BLE 1M high channel 2480 MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	4960.00	46.29	-7.44	38.85	74.00	35.15	Peak
2	7440.00	48.71	-2.52	46.19	74.00	27.81	Peak
3	17963.60	49.90	9.98	59.88	74.00	14.12	Peak
4	17963.60	37.41	9.98	47.39	54.00	6.61	Average

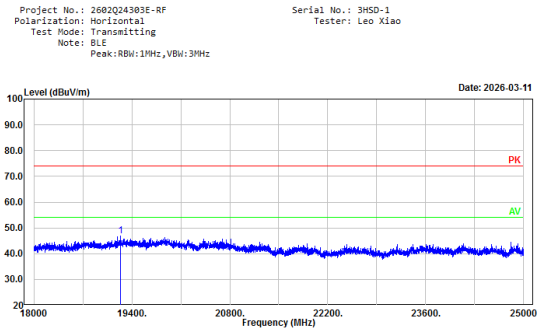
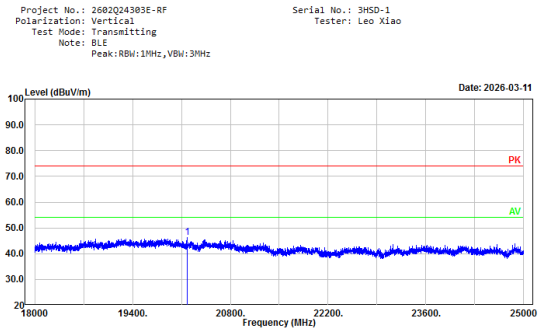
Project No.: 2602Q24303E-RF Serial No.: 3HSD-1
Polarization: Vertical Tester: Leo Xiao
Test Mode: Transmitting
Note: BLE 1M high channel 2480 MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	4960.00	46.61	-7.44	39.17	74.00	34.83	Peak
2	7440.00	48.66	-2.52	46.14	74.00	27.86	Peak
3	17927.20	50.37	9.74	60.11	74.00	13.89	Peak
4	17927.20	37.32	9.74	47.06	54.00	6.94	Average

18-25GHz:

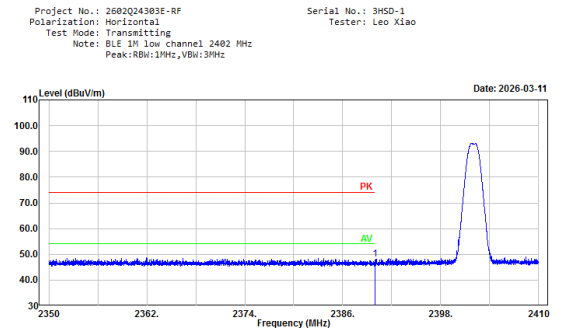
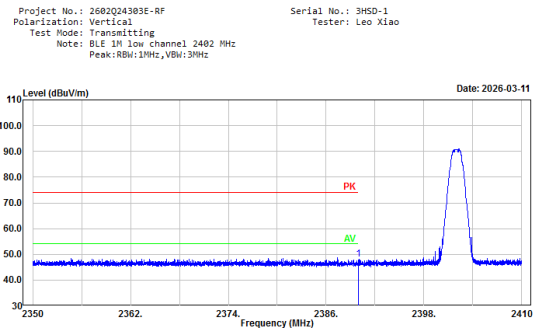
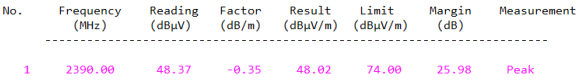
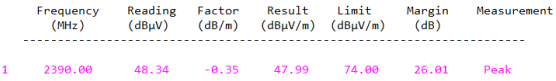
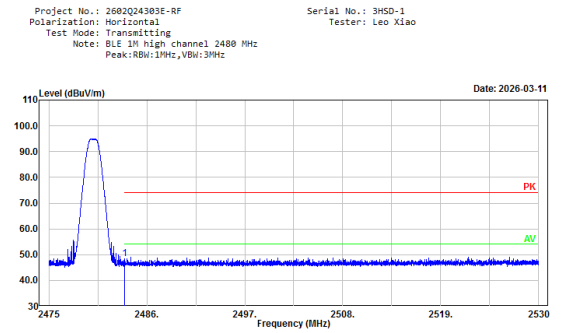
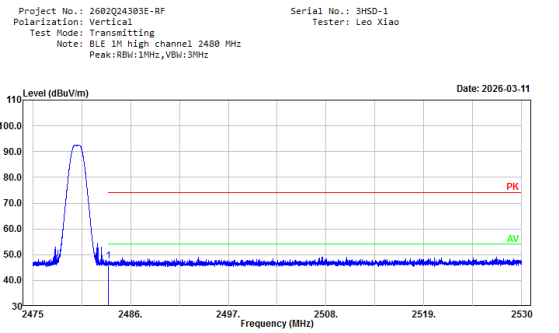
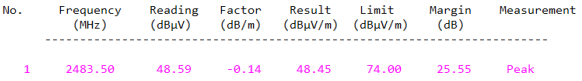
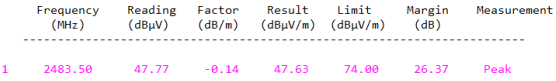
No Emission was detected in the range 18-25GHz, test was performed on the mode and channel which with the maximum power.

BLE 1Mbps Middle Channel, Horizontal	BLE 1Mbps Middle Channel, Vertical
	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	19240.40	46.66	0.11	46.77	74.00	27.23	Peak

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	20178.40	46.12	0.09	46.21	74.00	27.79	Peak

Bandedge:

BLE 1M Low Channel Bandedge Horizontal	BLE 1M Low Channel Bandedge Vertical
	
	
BLE 1M High Channel Bandedge Horizontal	BLE 1M High Channel Bandedge Vertical
	
	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	2390.00	48.37	-0.35	48.02	74.00	25.98	Peak

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	2390.00	48.34	-0.35	47.99	74.00	26.01	Peak

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	2483.50	48.59	-0.14	48.45	74.00	25.55	Peak

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Measurement
1	2483.50	47.77	-0.14	47.63	74.00	26.37	Peak

5.3 6dB Emission Bandwidth

Test Information:

Serial No.:	3HSD-2	Test Date:	2026/03/16
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jeff Wei	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.2	Relative Humidity: (%)	42	ATM Pressure: (kPa)	101.3

Test Equipment List and Details:

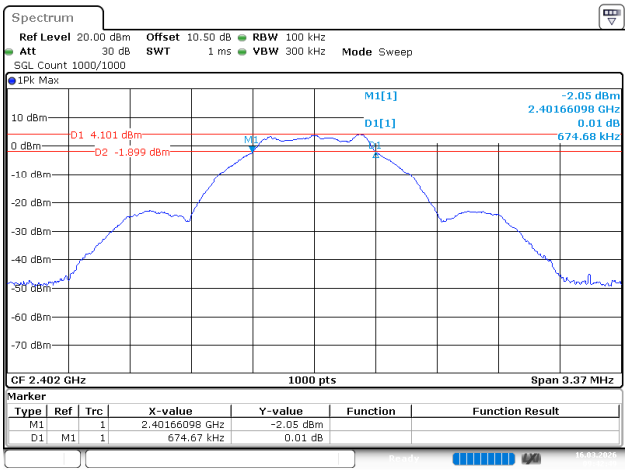
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM504	2025/06/06	2026/06/05
R&S	Spectrum Analyzer	FSV40	101461	2025/08/03	2026/08/02
JD	Test Software	JD Auto Test System	V1.0	N/A	N/A

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

Test Data:

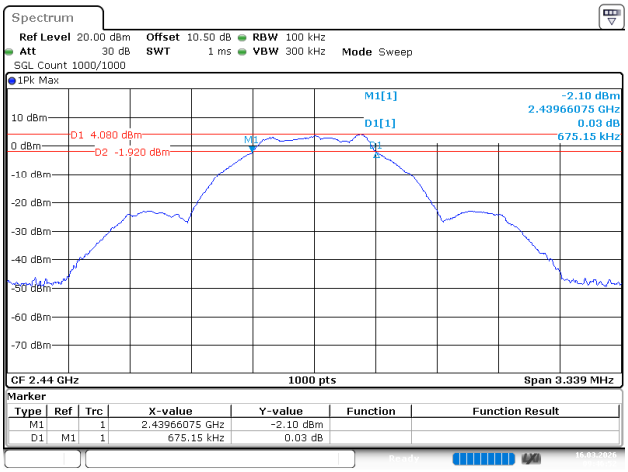
Channel	Result (MHz)	Limit (MHz)	Verdict
BLE 1Mbps Low	0.675	≥0.5	Pass
BLE 1Mbps Middle	0.675	≥0.5	Pass
BLE 1Mbps High	0.675	≥0.5	Pass

BLE_1M_Low_Channel



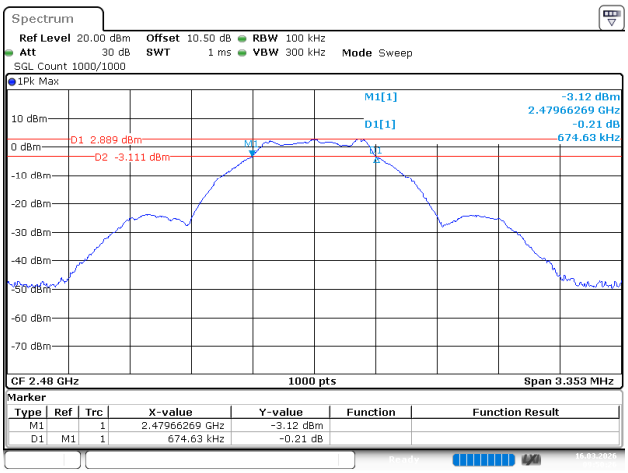
ProjectNo.:2602Q24303E-RF Tester:Jeff Wei
Date: 16.MAR.2026 09:42:49

BLE_1M_Middle_Channel



ProjectNo.:2602Q24303E-RF Tester:Jeff Wei
Date: 16.MAR.2026 09:46:52

BLE_1M_High_Channel



ProjectNo.:2602Q24303E-RF Tester:Jeff Wei
Date: 16.MAR.2026 09:50:26

5.4 Maximum Conducted Output Power

Test Information:

Serial No.:	3HSD-2	Test Date:	2026/03/16
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jeff Wei	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.2	Relative Humidity: (%)	42	ATM Pressure: (kPa)	101.3

Test Equipment List and Details:

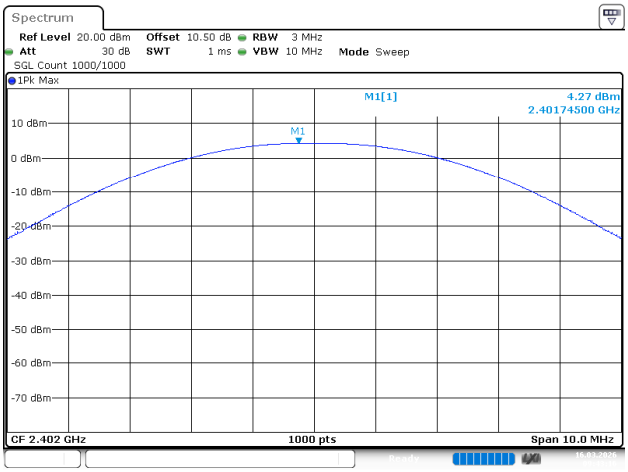
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM504	2025/06/06	2026/06/05
R&S	Spectrum Analyzer	FSV40	101461	2025/08/03	2026/08/02
JD	Test Software	JD Auto Test System	V1.0	N/A	N/A

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

Test Data:

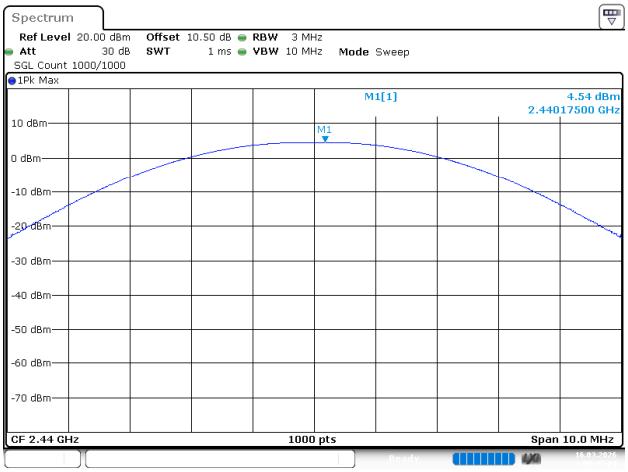
Channel	Peak Output Power (dBm)	Limit (dBm)	Verdict
BLE 1Mbps Low	4.27	30.00	Pass
BLE 1Mbps Middle	4.54	30.00	Pass
BLE 1Mbps High	3.44	30.00	Pass

BLE_1M_Low_Channel



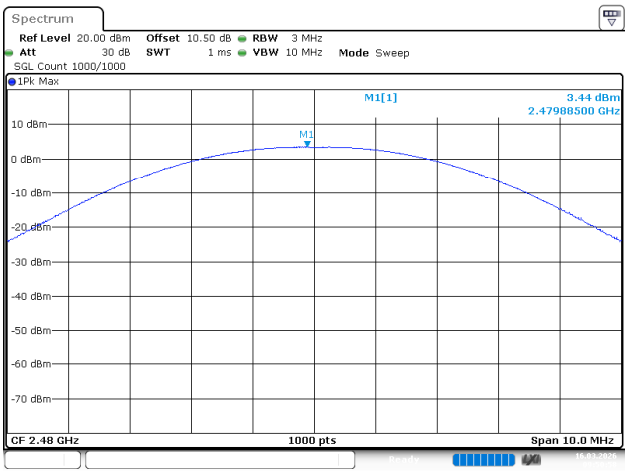
ProjectNo.:2602Q24303E-RF Tester:Jeff Wei
Date: 16.MAR.2026 09:43:16

BLE_1M_Middle_Channel



ProjectNo.:2602Q24303E-RF Tester:Jeff Wei
Date: 16.MAR.2026 09:47:24

BLE_1M_High_Channel



ProjectNo.:2602Q24303E-RF Tester:Jeff Wei
Date: 16.MAR.2026 09:50:58

5.5 Power Spectral Density

Test Information:

Serial No.:	3HSD-2	Test Date:	2026/03/16
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jeff Wei	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.2	Relative Humidity: (%)	42	ATM Pressure: (kPa)	101.3

Test Equipment List and Details:

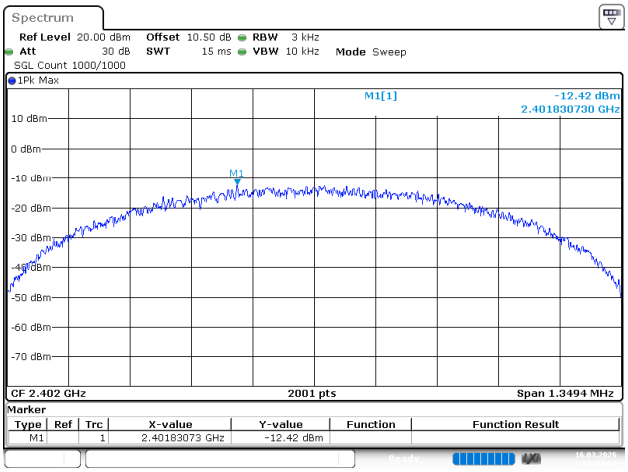
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM504	2025/06/06	2026/06/05
R&S	Spectrum Analyzer	FSV40	101461	2025/08/03	2026/08/02
JD	Test Software	JD Auto Test System	V1.0	N/A	N/A

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

Test Data:

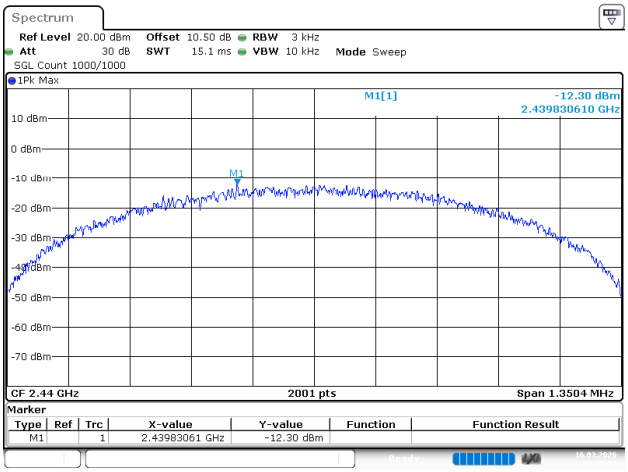
Channel	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
BLE 1Mbps Low	-12.42	8	Pass
BLE 1Mbps Middle	-12.30	8	Pass
BLE 1Mbps High	-13.39	8	Pass

BLE_1M_Low_Channel



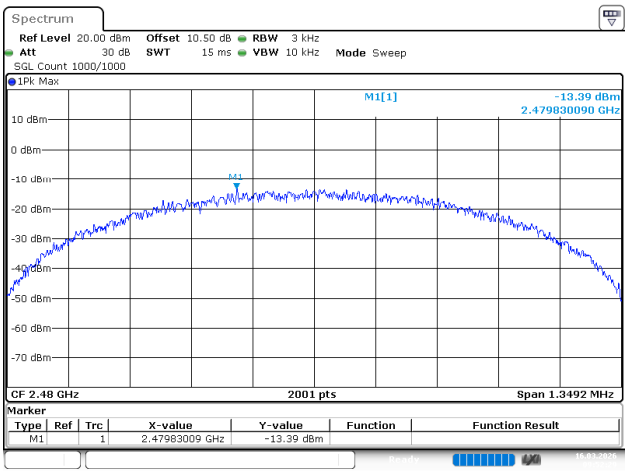
ProjectNo.:2602Q24303E-RF Tester:Jeff Wei
Date: 16.MAR.2026 09:44:53

BLE_1M_Middle_Channel



ProjectNo.:2602Q24303E-RF Tester:Jeff Wei
Date: 16.MAR.2026 09:48:52

BLE_1M_High_Channel



ProjectNo.:2602Q24303E-RF Tester:Jeff Wei
Date: 16.MAR.2026 09:52:30

5.6 Conducted Spurious Emission

Test Information:

Serial No.:	3HSD-2	Test Date:	2026/03/16
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jeff Wei	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.2	Relative Humidity: (%)	42	ATM Pressure: (kPa)	101.3

Test Equipment List and Details:

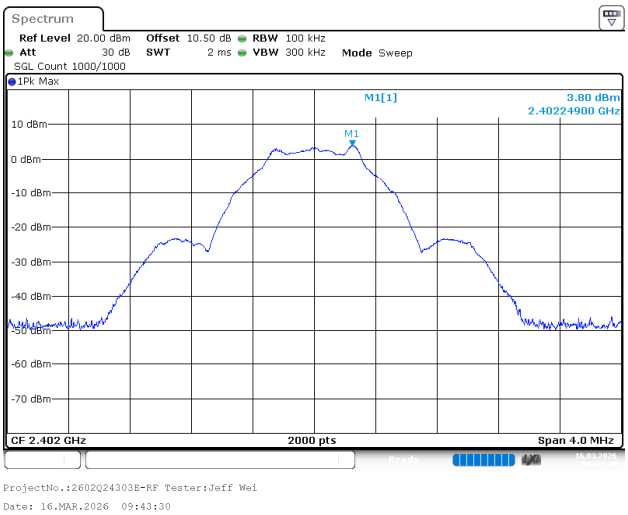
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
HUBER+SUHNER	Coaxial Attenuator	6610_SMA-50-1	0064	2025/06/06	2026/06/05
R&S	Spectrum Analyzer	FSV40	101461	2025/08/03	2026/08/02
JD	Test Software	JD Auto Test System	V1.0	N/A	N/A

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

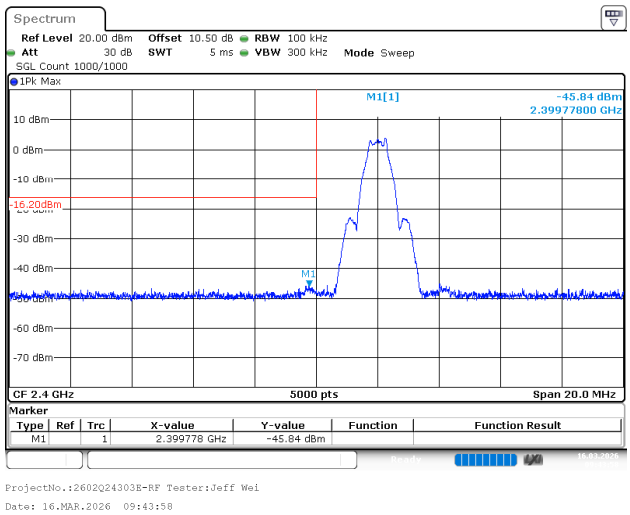
Test Data:

Note: The maximum path attenuation of 30MHz-25GHz was added into the offset.

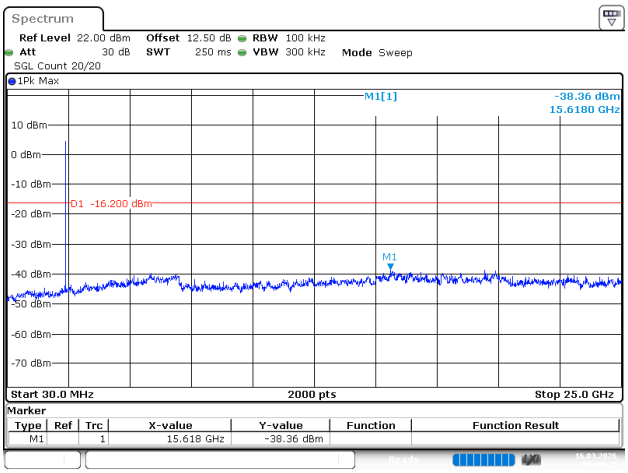
BLE_1M_Low_Channel



BLE_1M_Low_Channel

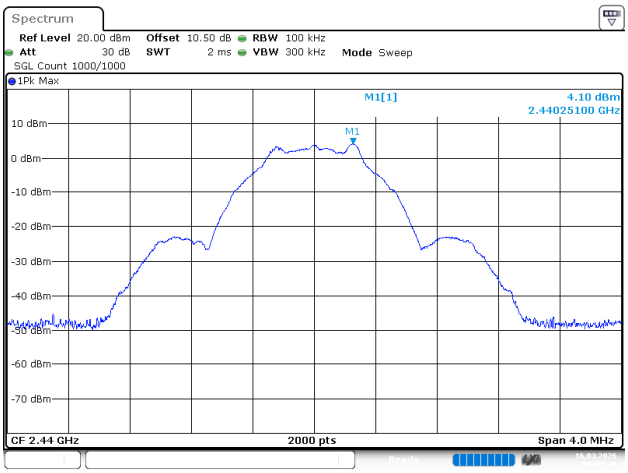


BLE_1M_Low_Channel



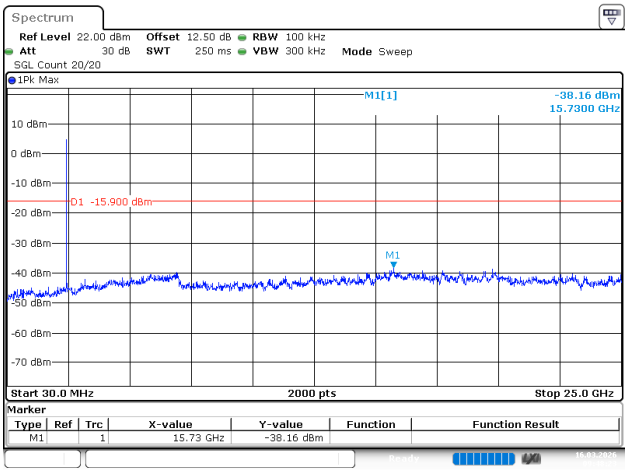
ProjectNo.:2602Q24303E-RF Tester:Jeff Wei
Date: 16.MAR.2026 09:44:25

BLE_1M_Middle_Channel



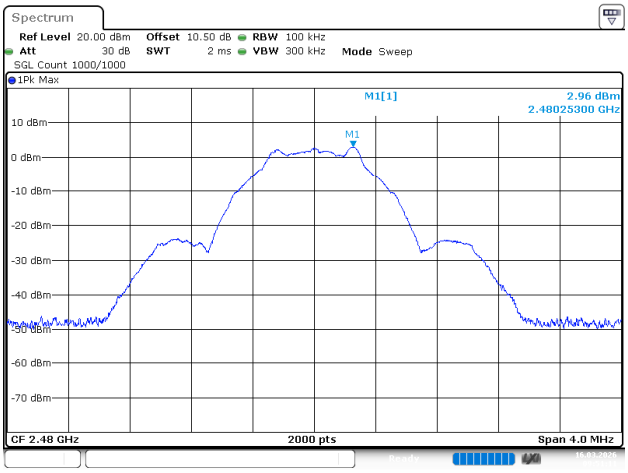
ProjectNo.:2602Q24303E-RF Tester:Jeff Wei
Date: 16.MAR.2026 09:47:42

BLE_1M_Middle_Channel



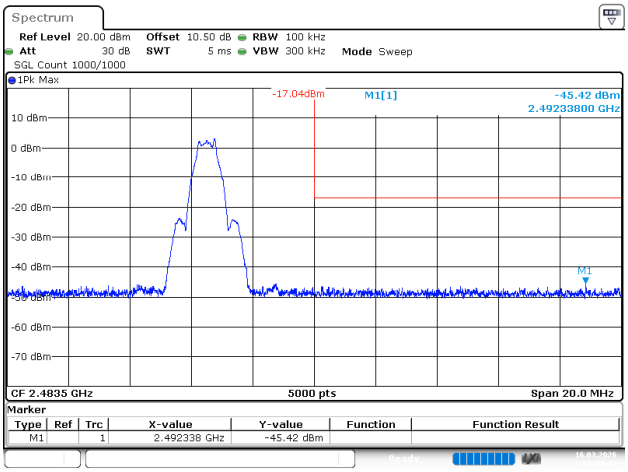
ProjectNo.:2602Q24303E-RF Tester:Jeff Wei
Date: 16.MAR.2026 09:48:23

BLE_1M_High_Channel



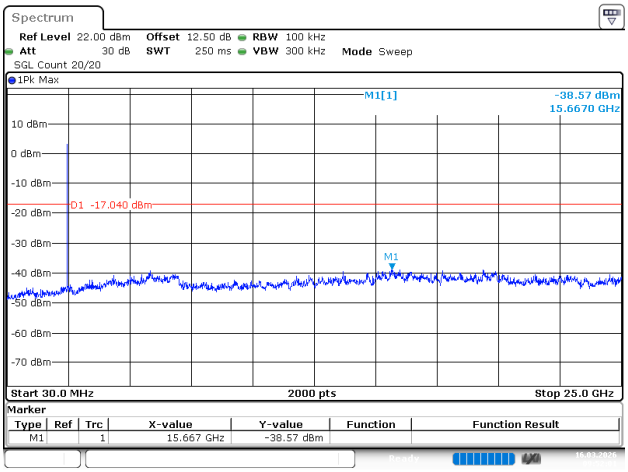
ProjectNo.:2602Q24303E-RF Tester:Jeff Wei
Date: 16.MAR.2026 09:51:11

BLE_1M_High_Channel



ProjectNo.:2602Q24303E-RF Tester:Jeff Wei
Date: 16.MAR.2026 09:51:33

BLE_1M_High_Channel



ProjectNo.:2602Q24303E-RF Tester:Jeff Wei
Date: 16.MAR.2026 09:52:01

5.7 Duty Cycle

Test Information:

Serial No.:	3HSD-2	Test Date:	2026/03/16
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jeff Wei	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	25.2	Relative Humidity: (%)	42	ATM Pressure: (kPa)	101.3

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM504	2025/06/06	2026/06/05
R&S	Spectrum Analyzer	FSV40	101461	2025/08/03	2026/08/02
JD	Test Software	JD Auto Test System	V1.0	N/A	N/A

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

Test Data:

Channel	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
BLE 1Mbps Middle	2.111	2.486	84.92	0.71	474	0.500

BLE_1M_Middle_Channel

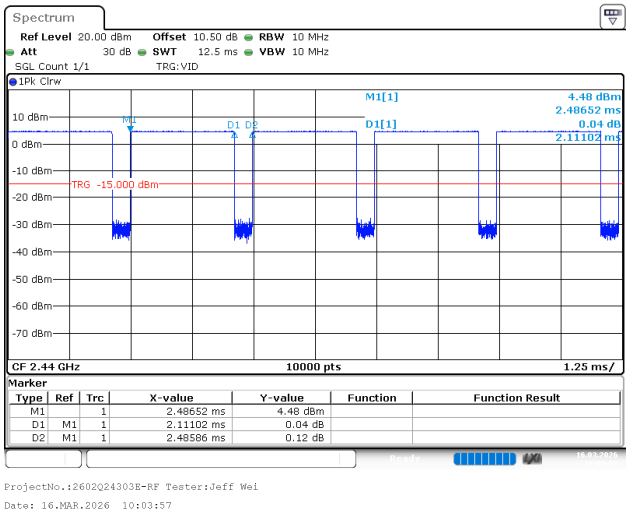


EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2602Q24303E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2602Q24303E-RF-INP EUT INTERNAL PHOTOGRAPHS.

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2602Q24303E-RF-00A-TSP TEST SETUP PHOTOGRAPHS.

EXHIBIT C - RF EXPOSURE EVALUATION

SAR test exclusion

Applicable Standard

According to§15.247(i) and §1.1310, systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

According to KDB447498 D01 General RF Exposure Guidance v06:

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion.

Measurement Result

The max conducted power including tune-up tolerance is 5.0 dBm (3.16 mW).
[(max. power of channel, mW)/(min. test separation distance, mm)][√f(GHz)]
=3.16/5*(√2.480) = 1.0< 3.0

Note: the max conducted power including tune-up tolerance was declared by manufacturer.

Result: Compliant. The stand-alone SAR evaluation is not necessary.

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