

TEST REPORT

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Report Number: 2601P07212E-RF
FCC ID: EW780-T13600
IC: 1135B-80T13600

Test Standard (s)

FCC PART 15.247; RSS-GEN ISSUE 5, FEBRUARY 2021 AMENDMENT 2;
RSS-247 ISSUE 4, JULY 2025

Sample Description

Product Type: PIR Sensor
Model No.: ES PD1A
Multiple Model(s) No.: N/A
Trade Mark: NOMADIX
Date Received: 2026/01/19
Issue Date: 2026/04/02

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

Prepared and Checked By:

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Allen Bai
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	2601P07212E-RF	Original Report	2026/04/02

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

HVIN	35-201903007
FVIN	N/A
Frequency Range	2405-2480MHz
Maximum Conducted Average Output Power	9.21dBm
Modulation Technique	O-QPSK
Antenna Specification [#]	0dBi (provided by the applicant)
Voltage Range	DC 1.5V*2 from battery
Sample serial number	3GBW-4 for Radiated Emissions Test 3GBW-1 for RF Conducted Test (Assigned by BACL, Shenzhen)
Sample/EUT Status	Good condition
Adapter Information	N/A

Objective

This test report is in accordance with Part 2-Subpart J, Part 15-Subparts A and C of the Federal Communication Commission's rules and RSS-247 ISSUE 4, July 2025, RSS-GEN Issue 5, Feb. 2021 Amendment 2 of the Innovation, Science and Economic Development Canada rules.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 ▼, RSS-Gen and RSS-247.

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		52.29kHz(k=1.96, 95% level of confidence)
RF output power, conducted		1.57dB(k=1.96, 95% level of confidence)
Power Spectral Density		2.09dB(k=1.96, 95% level of confidence)
Conducted Spurious Emission		2.48dB(k=1.96, 95% level of confidence)
AC Power Lines Conducted Emissions	9kHz~150 kHz	3.46dB(k=2, 95% level of confidence)
	150 kHz ~30MHz	3.72dB(k=2, 95% level of confidence)
Radiated Emissions	0.009MHz~30MHz	3.66dB(k=2, 95% level of confidence)
	30MHz~1000MHz (Horizontal)	5.10dB(k=2, 95% level of confidence)
	30MHz~1000MHz (Vertical)	6.28dB(k=2, 95% level of confidence)
	1GHz - 6GHz	6.18dB(k=2, 95% level of confidence)
	6GHz - 18GHz	6.62dB(k=2, 95% level of confidence)
	18GHz - 40GHz	6.66dB(k=2, 95% level of confidence)
Temperature		$\pm 0.4^{\circ}\text{C}$
Humidity		$\pm 2\%$
Supply voltages		DC $\pm 0.4\%$; AC $\pm 1\%$

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, test firm registration No.: 715558, the FCC Designation No. : CN5045.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0023.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

Frequency List[#]

Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
11	2405	12	2410	13	2415	14	2420
15	2425	16	2430	17	2435	18	2440
19	2445	20	2450	21	2455	22	2460
23	2465	24	2470	25	2475	26	2480

EUT was tested with Channel 11, 18 and 26.

Equipment Modifications

No modification was made to the EUT tested.

EUT Exercise Software

“sscom v5.13.1.exe”[#] exercise software was used and the power level is 10[#]. The software and power level was provided by the manufacturer.

Support Equipment List and Details

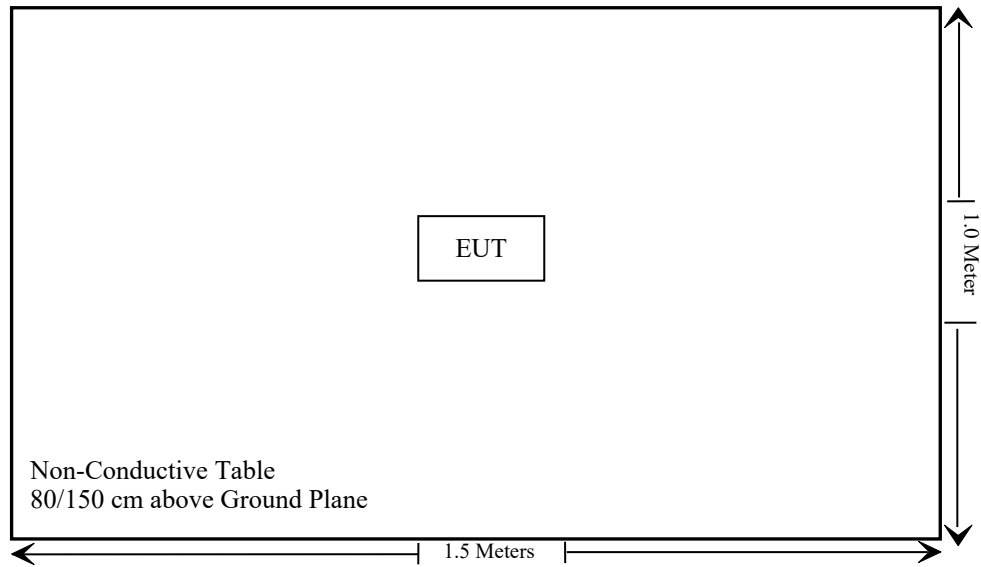
Manufacturer	Description	Model	Serial Number
/	/	/	/

External I/O Cable

Cable Description	Length (m)	From Port	To
/	/	/	/

Block Diagram of Test Setup

For Radiated Emissions:



SUMMARY OF TEST RESULTS

Test Rules	Test Rules	Description of Test	Result
FCC §2.1091	/	MPE-Based Exemption	Compliant
/	RSS-102 § 6.6	Field reference level exposure exemption limits	Compliant
FCC §15.203	RSS-Gen §6.8	Antenna Requirement	Compliant
FCC §15.207 (a)	RSS-Gen §8.8	AC Line Conducted Emissions	Not Applicable
FCC §15.205, §15.209, §15.247(d)	RSS-GEN § 8.10 & RSS-247 §6.6	Spurious Emissions	Compliant
FCC §15.247 (a)(2)	RSS- Gen§6.7 RSS-247 §6.3.1(a)	99% Occupied Bandwidth & 6 dB Emission Bandwidth	Compliant
FCC §15.247(b)(3)	RSS-247 §6.3.2	Maximum Conducted Output Power	Compliant
FCC §15.247(d)	RSS-247 §6.6	100 kHz Bandwidth of Frequency Band Edge	Compliant
FCC §15.247(e)	RSS-247 §6.3.1(b)	Power Spectral Density	Compliant
FCC §15.247(d)	RSS-247 §6.6	Conducted Spurious Emission	Compliant
C63.10 §11.6	C63.10 §11.6	Duty Cycle	/

Not Applicable: The EUT is powered by battery.

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Radiated Emissions Test					
Rohde & Schwarz	EMI Test Receiver	ESR3	102455	2025/09/01	2026/08/31
Sonoma instrument	Pre-amplifier	310N	186238	2025/09/08	2026/09/07
Sunol Sciences	Broadband Antenna	JB1	A040904-1	2023/07/20	2026/07/19
Unknown	Chamber A Cable	Cable A3	Cable A3	2025/09/08	2026/09/07
Unknown	Chamber A Cable	Cable A4	Cable A4	2025/09/08	2026/09/07
BACL	Active Loop Antenna	1313-1A	4031911	2024/05/14	2027/05/13
Unknown	Chamber A Cable	Cable A2	Cable A2	2025/09/08	2026/09/07
Unknown	Chamber A Cable	Cable A1	Cable A1	2025/09/08	2026/09/07
Audix	EMI Test software	E3	19821b(V9)	NCR	NCR
TDK	Chamber	Chamber A	2#	2023/07/12	2026/07/11
Rohde&Schwarz	Spectrum Analyzer	FSV40	101605	2025/09/01	2026/08/31
A.H.System	Preamplifier	PAM-0118P	489	2025/09/08	2026/09/07
Schwarzbeck	Horn Antenna	BBHA9120D (1201)	1143	2023/07/26	2026/07/25
JD	Filter Switch Unit	DT7220FSU	DS79906	2025/08/12	2026/08/11
JD	Multiplex Switch Test Control Set	DT7220SCU	DS79903	2025/08/12	2026/08/11
Unknown	Chamber B Cable	Cable B1	Cable B1	2025/09/08	2026/09/07
Unknown	Chamber B Cable	Cable B2	Cable B2	2025/09/08	2026/09/07
Unknown	Chamber B Cable	Cable B3	Cable B3	2025/09/08	2026/09/07
A.H.System	Pre-amplifier	PAM-1840VH	190	2025/04/29	2026/04/28
Electro-Mechanics Co	Horn Antenna	3116	9510-2270	2023/09/18	2026/09/17
Unknown	Chamber B Cable	Cable B4	Cable B4	2025/09/17	2026/09/16
Unknown	Chamber B Cable	Cable B5	Cable B5	2025/09/17	2026/09/16
Audix	EMI Test software	E3	191218(V9)	NCR	NCR
TDK	Chamber	Chamber B	1#	2023/07/14	2026/07/13

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
RF Conducted Test					
JD	JD Auto TestSystem	NA	1.0.0.3769	NCR	NCR
Rohde & Schwarz	Spectrum Analyzer	FSU26	200982	2025/08/12	2026/08/11
Unknown	3dB Attenuator	Unknown	F-03-EM121	2025/06/26	2026/06/25
Micro-Tronics	RF Cable	8082135	W1113	2025/06/26	2026/06/25

* **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 1.1307 (B) & §2.1091- MPE-BASED EXEMPTION

Applicable Standard

According to subpart 2.1091 systems operating under the provisions of this section shall be operated in a manner that ensures the public is not exposed to RF energy level in excess of the communication guidelines.

According to KDB 447498 D04 v01 Interim General RF Exposure Guidance

MPE-Based Exemption:

General frequency and separation-distance dependent MPE-based effective radiated power (ERP) thresholds are in Table B.1 [Table 1 of § 1.1307(b)(1)(i)(C)] to support an exemption from further evaluation from 300 kHz through 100 GHz.

Table 1 to § 1.1307(b)(3)(i)(C) - Single RF Sources Subject to Routine Environmental Evaluation

RF Source frequency (MHz)	Threshold ERP (watts)
0.3-1.34	$1,920 R^2$.
1.34-30	$3,450 R^2/f^2$.
30-300	$3.83 R^2$.
300-1,500	$0.0128 R^2 f$.
1,500-100,000	$19.2 R^2$.

R is the minimum separation distance in meters

f = frequency in MHz

For multiple RF sources: Multiple RF sources are exempt if:

in the case of fixed RF sources operating in the same time-averaging period, or of multiple mobile or portable RF sources within a device operating in the same time averaging period, if the sum of the fractional contributions to the applicable thresholds is less than or equal to 1 as indicated in the following equation:

$$\sum_{i=1}^a \frac{P_i}{P_{th,i}} + \sum_{j=1}^b \frac{ERP_j}{ERP_{th,j}} + \sum_{k=1}^c \frac{Evaluated_k}{Exposure Limit_k} \leq 1$$

Result

Frequency (MHz)	Tune up conducted power [#]	Antenna Gain [#]		ERP		Evaluation Distance (m)	ERP Limit (mW)
	(dBm)	(dBi)	(dBd)	(dBm)	(mW)		
2405-2480	9.5	0	-2.15	7.35	5.43	0.2	768

Note: The tune up conducted power and antenna gain was declared by the applicant.

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 20cm from nearby persons.

Result: Compliant

RSS-102 § 6.6 - FIELD REFERENCE LEVEL EXPOSURE EXEMPTION LIMITS

Applicable Standard

According to RSS-102 Issue 6§6.6:

Field reference level (FRL) exposure evaluation is required if the separation distance between the user and/or bystander and the device's radiating element is greater than 20 cm (i.e. mobile devices), except when the device operates as follows:

- below 20 MHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than 1 W (adjusted for tune-up tolerance)
- at or above 20 MHz and below 48 MHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than $4.49/f^{0.5}$ W (adjusted for tune-up tolerance), where f is in MHz
- at or above 48 MHz and below 300 MHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than 0.6 W (adjusted for tune-up tolerance)
- at or above 300 MHz and below 6 GHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than $1.31 \times 10^{-2} f^{0.6834}$ W (adjusted for tune-up tolerance), where f is in MHz
- at or above 6 GHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than 5 W (adjusted for tune-up tolerance) In these cases, the information contained in the RF exposure technical brief may be limited to information that demonstrates how the EIRP was derived.

Test Result:

For worst case:

Mode	Frequency (MHz)	Gain# (dBi)	Max tune-up conducted power# (dBm)	Max tune-up EIRP# (dBm)	Max tune-up EIRP# (mW)	Distance (cm)	Exemption Limit (mW)	SAR Evaluation Exemption
Zigbee	2405-2480	0	9.5	9.50	8.91	20	2679	Yes

Note: The antenna gain and Conducted output power including Tune-up Tolerance was declared and provided by the manufacturer

To maintain compliance with the RF exposure guidelines, place the equipment at least 20cm from nearby persons.

Result: Compliant

FCC §15.203 & RSS-Gen §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.

Antenna Connector Construction

The EUT has an internal antenna arrangement, which was permanently attached and the antenna gain[#] is 0dBi, fulfill the requirement of this section. Please refer to the EUT photos.

Type	Antenna Gain	Impedance
Monopole	0dBi	50Ω

Result: Compliant

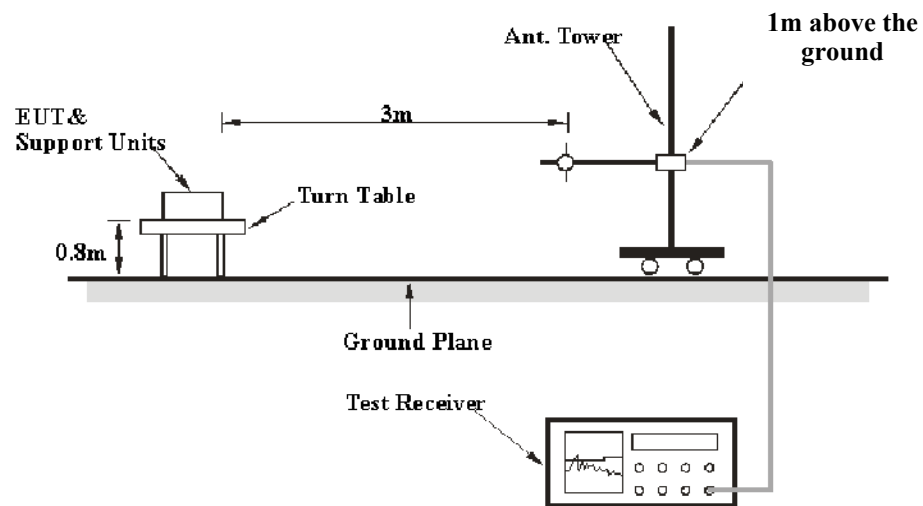
FCC §15.209, §15.205 & §15.247(d) & RSS-GEN § 8.10 & RSS-247 §6.6-SPURIOUS EMISSIONS

Applicable Standard

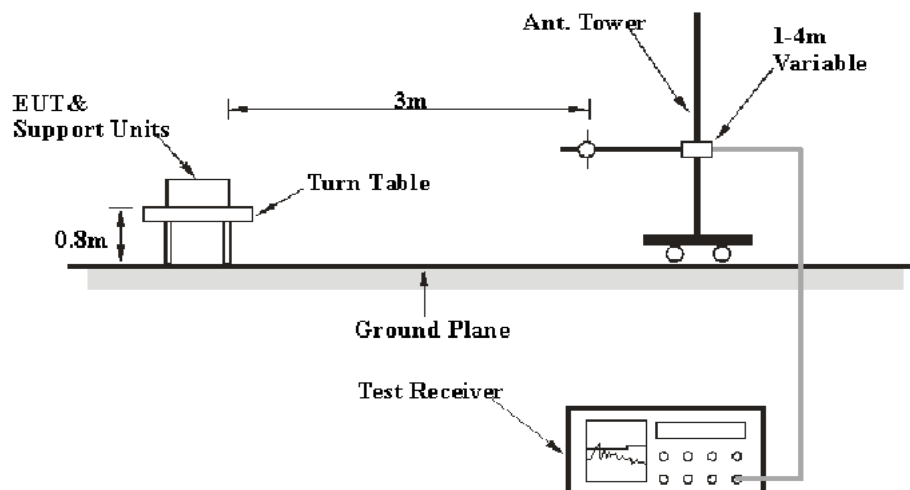
FCC §15.247 (d); §15.209; §15.205; RSS-247 §6.6, RSS-GEN §8.10.

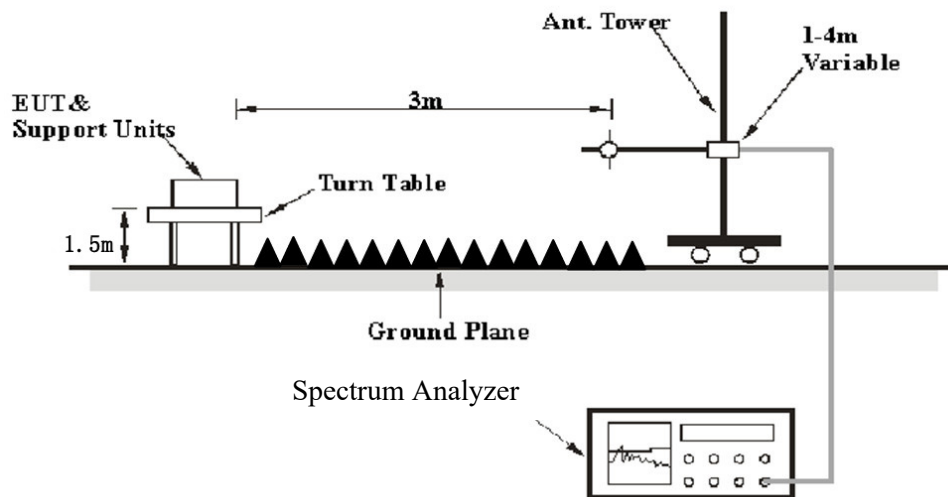
EUT Setup

9 kHz-30MHz:



30MHz-1GHz:



Above 1GHz:

The radiated emission tests were performed in the 3meters test site, using the setup accordance with the ANSI C63.10-2020. The specification used was the FCC 15.205, FCC 15.209, FCC 15.247, RSS-Gen and RSS-247 limits.

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

EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9 kHz to 25 GHz.

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

9 kHz-1GHz:

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

1-25GHz:
Pre-scan

Measurement	Duty cycle	RBW	Video B/W	Detector
PK	Any	1MHz	3 MHz	Peak
AV	>98%	1MHz	1 kHz	Peak
	<98%	1MHz	$\geq 1/\text{Ton}$, not larger than 1 kHz	Peak

For band edge test, VBW=10 Hz was used for AV measurement

Final measurement for emission identified during pre-scan

Measurement	Duty cycle	RBW	Video B/W	Detector
PK	Any	1MHz	3 MHz	Peak
AV	>98%	1MHz	10 Hz	Peak
	<98%	1MHz	$\geq 1/\text{Ton}$	Peak

Note: Ton is minimum transmission duration

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.

Test Procedure

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

All final data was recorded in Quasi-peak detection mode except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz, average detection modes for frequency bands 9–90 kHz and 110–490 kHz, peak and average detection modes for frequencies above 1 GHz.

For 9 kHz-30MHz, the report shall list the six emissions with the smallest margin relative to the limit, for each of the three antenna orientations (parallel, perpendicular, and ground-parallel) unless the margin is greater than 20 dB.

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

Factor & Over Limit/Margin Calculation

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

$$\text{Factor} = \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain}$$

The “**Over Limit/Margin**” 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:

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

Test Data**Environmental Conditions**

Temperature:	22.5~24.3 °C
Relative Humidity:	43~50 %
ATM Pressure:	101.4~102.2 kPa

The testing was performed by Nico Wu on 2026-03-04 for below 1GHz and Wing K Ji on 2026-01-31 for above 1GHz.

EUT operation mode: Transmitting

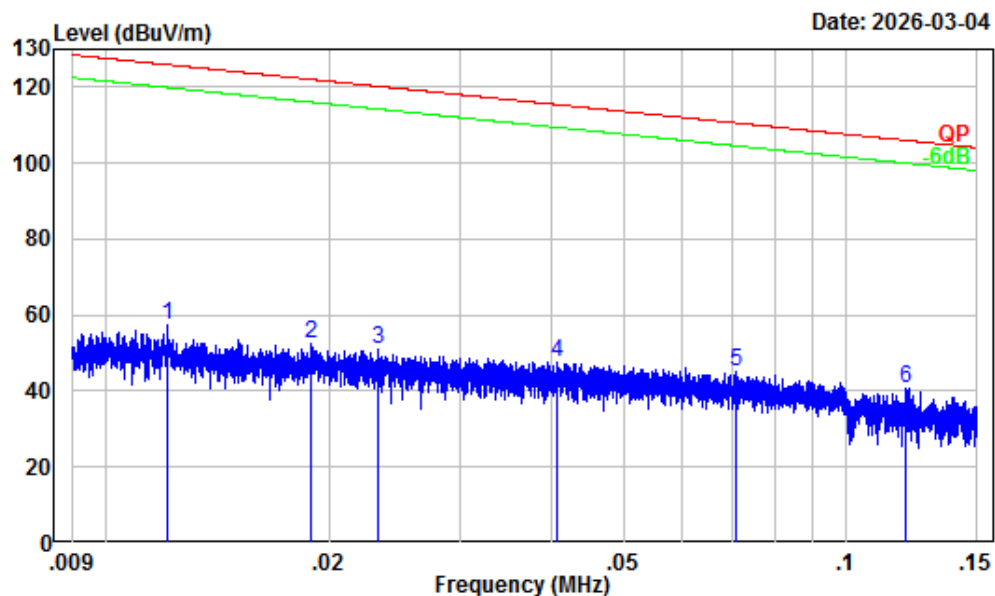
Note:

- 1. After pre-scan in the X, Y and Z axes of orientation, the worst case Y -axis of orientation were recorded.*
- 2. The spurious emission from 9 kHz-30MHz of IC RSS-GEN standard, 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.*

9 kHz-30MHz: (Maximum output power mode, Low Channel)

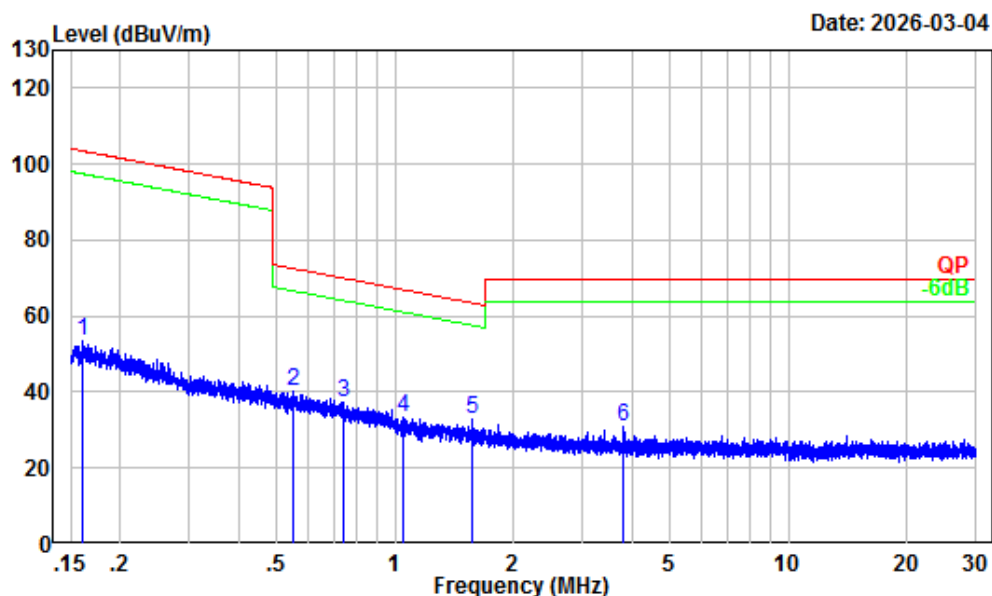
Note: When the test result of peak was less than the limit of QP/Average more than 6dB, just peak value were recorded.

Parallel (worst case)



Site : Chamber A
Condition : 3m
Project Number : 2601P07212E-RF
Test Mode : Transmitting
Detector: Peak RBW/VBW: 0.3/1kHz
Tester : Nico Wu

	Freq	Factor	Read Level	Limit Level	Over Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.012	31.90	25.49	57.39	125.96	-68.57	Peak
2	0.019	30.59	21.89	52.48	122.04	-69.56	Peak
3	0.023	29.77	21.19	50.96	120.26	-69.30	Peak
4	0.041	27.38	20.04	47.42	115.42	-68.00	Peak
5	0.071	24.33	20.61	44.94	110.61	-65.67	Peak
6	0.120	20.80	19.94	40.74	106.00	-65.26	Peak

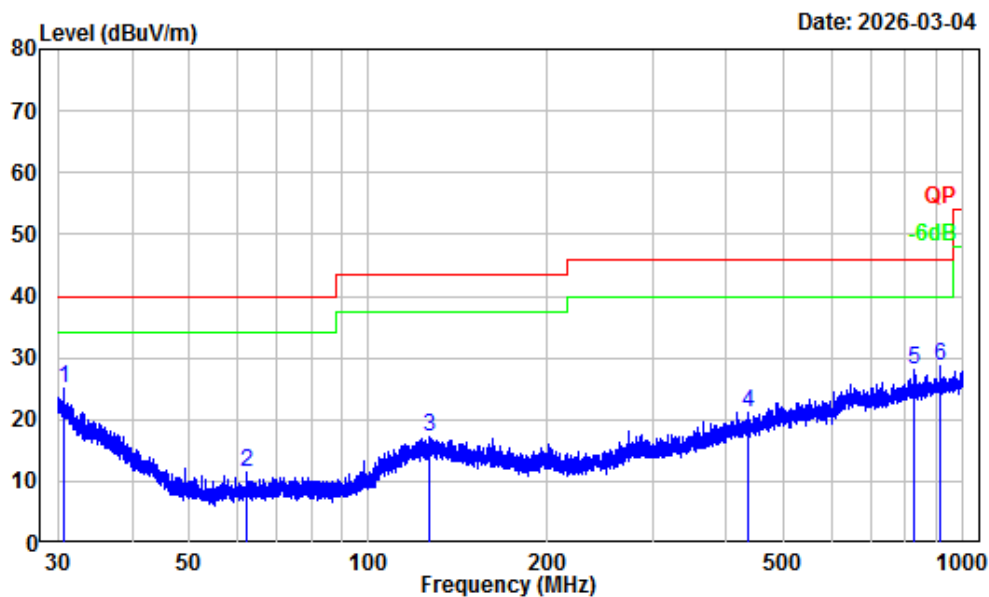


Site : Chamber A
 Condition : 3m
 Project Number : 2601P07212E-RF
 Test Mode : Transmitting
 Detector: Peak RBW/VBW: 10/30kHz
 Tester : Nico Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.160	18.43	34.80	53.23	103.50	-50.27	Peak
2	0.551	5.77	34.56	40.33	72.76	-32.43	Peak
3	0.742	3.41	34.06	37.47	70.12	-32.65	Peak
4	1.048	1.07	32.20	33.27	67.06	-33.79	Peak
5	1.575	-0.41	33.27	32.86	63.45	-30.59	Peak
6	3.810	-2.60	33.49	30.89	69.54	-38.65	Peak

30MHz-1GHz: (Maximum output power mode, Low Channel)

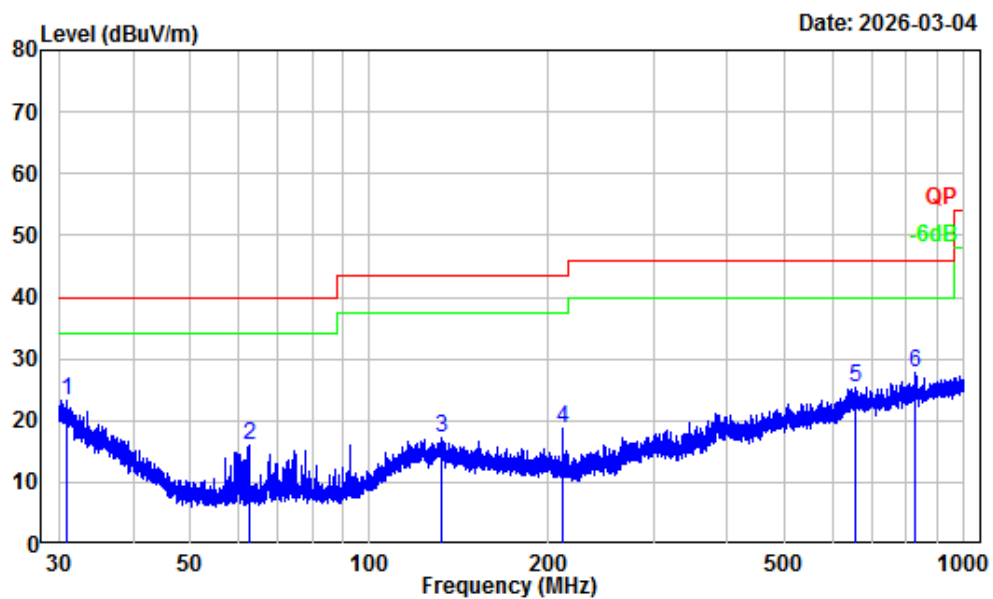
Note: When the test result of peak was less than the limit of QP/Average more than 6dB, just peak value were recorded.

Horizontal

Site : Chamber A
Condition : 3m Horizontal
Project Number : 2601P07212E-RF
Test Mode : Transmitting
Detector: Peak RBW/VBW: 100/300kHz
Tester : Nico Wu

	Freq	Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	30.71	-6.23	31.20	24.97	40.00	-15.03	Peak
2	62.19	-18.20	29.72	11.52	40.00	-28.48	Peak
3	126.38	-11.50	28.70	17.20	43.50	-26.30	Peak
4	436.16	-8.26	29.33	21.07	46.00	-24.93	Peak
5	825.32	-2.38	30.58	28.20	46.00	-17.80	Peak
6	916.87	-1.61	30.24	28.63	46.00	-17.37	Peak

Vertical



Site : Chamber A
Condition : 3m Vertical
Project Number : 2601P07212E-RF
Test Mode : Transmitting
Detector: Peak RBW/VBW: 100/300kHz
Tester : Nico Wu

	Freq Factor		Read	Limit	Over	Remark
			Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	30.88	-6.32	29.50	23.18	40.00	-16.82 Peak
2	62.60	-18.20	34.08	15.88	40.00	-24.12 Peak
3	132.10	-11.68	28.98	17.30	43.50	-26.20 Peak
4	211.34	-14.40	33.17	18.77	43.50	-24.73 Peak
5	656.53	-3.61	29.11	25.50	46.00	-20.50 Peak
6	825.32	-2.38	30.20	27.82	46.00	-18.18 Peak

1-25 GHz:

Frequency (MHz)	Reading (dBμV)	PK/AV	Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Low Channel							
4810.00	57.16	PK	H	-7.83	49.33	74	-24.67
4810.00	55.60	PK	V	-7.83	47.77	74	-26.23
Middle Channel							
4880.00	57.59	PK	H	-7.67	49.92	74	-24.08
4880.00	56.59	PK	V	-7.67	48.92	74	-25.08
High Channel							
4960.00	55.95	PK	H	-7.57	48.38	74	-25.62
4960.00	55.64	PK	V	-7.57	48.07	74	-25.93

Note:

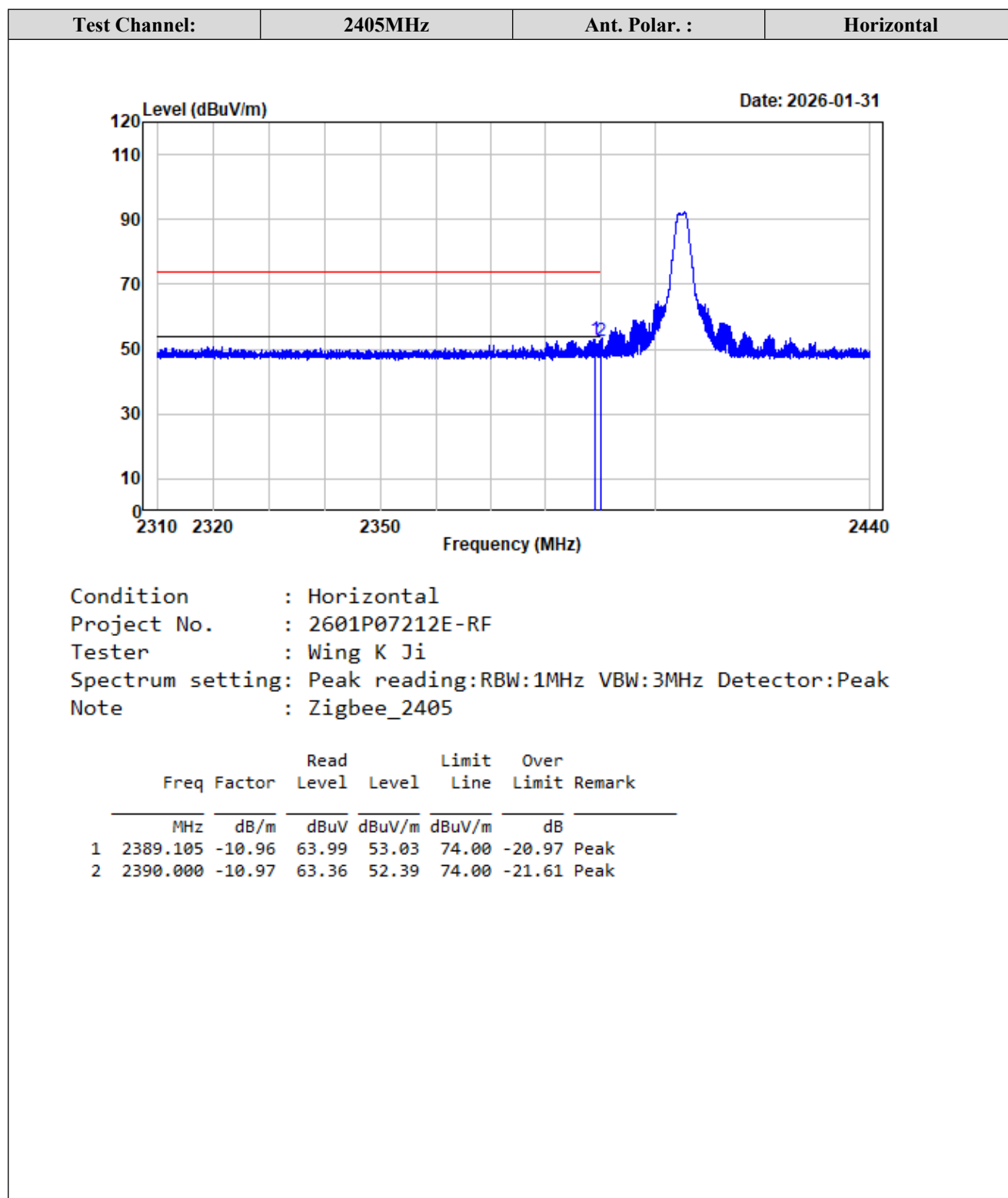
Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor

Corrected Amplitude/Level = Factor + Reading

Margin = Corrected Amplitude/Level - Limit

The other spurious emission which is in the noise floor level was not recorded.

The test result of peak was less than the limit of average, so just peak values were recorded.

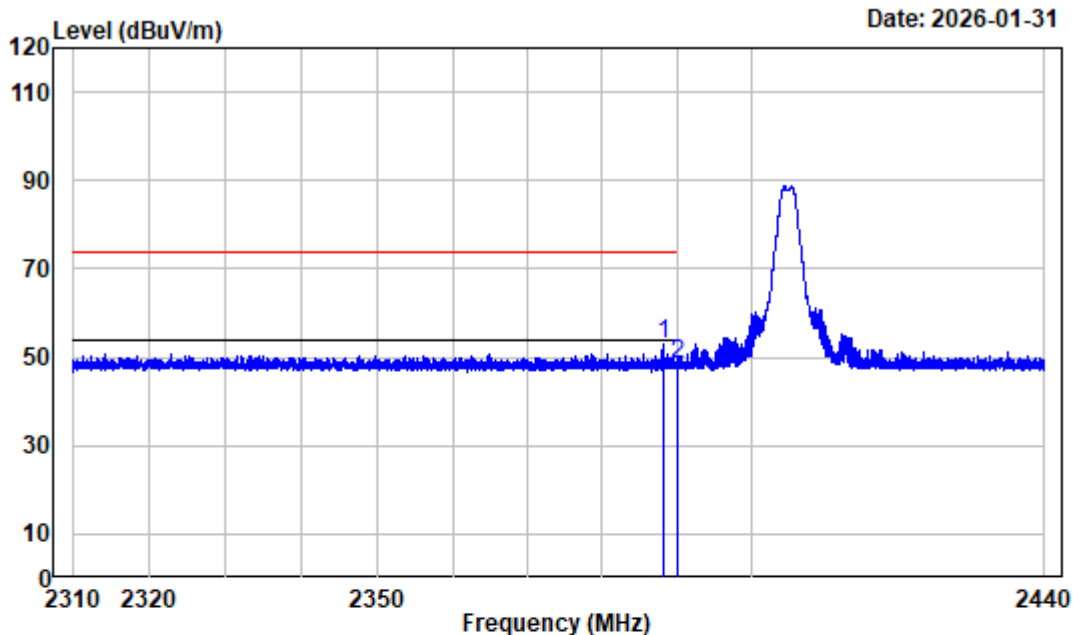
Test plots for Band Edge Measurements (Radiated):

Test Channel:

2405MHz

Ant. Polar. :

Vertical



Condition : Vertical

Project No. : 2601P07212E-RF

Tester : Wing K Ji

Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak

Note : Zigbee_2405

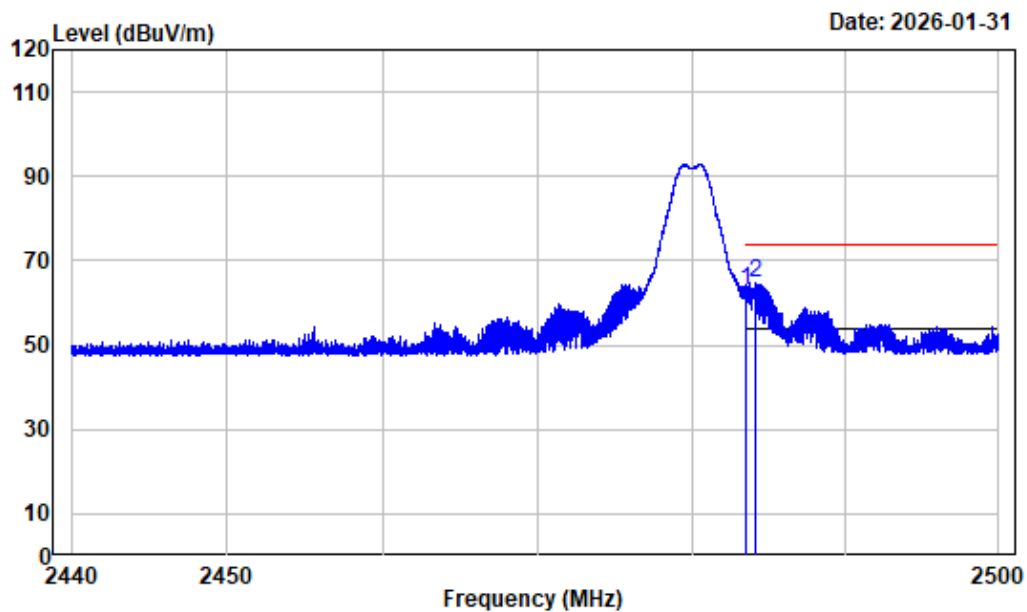
	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2388.146	-10.96	63.81	52.85	74.00	-21.15	Peak
2	2390.000	-10.97	59.60	48.63	74.00	-25.37	Peak

Test Channel:

2480MHz

Ant. Polar. :

Horizontal_Peak



Condition : Horizontal

Project No. : 2601P07212E-RF

Tester : Wing K Ji

Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak

Note : Zigbee_2480

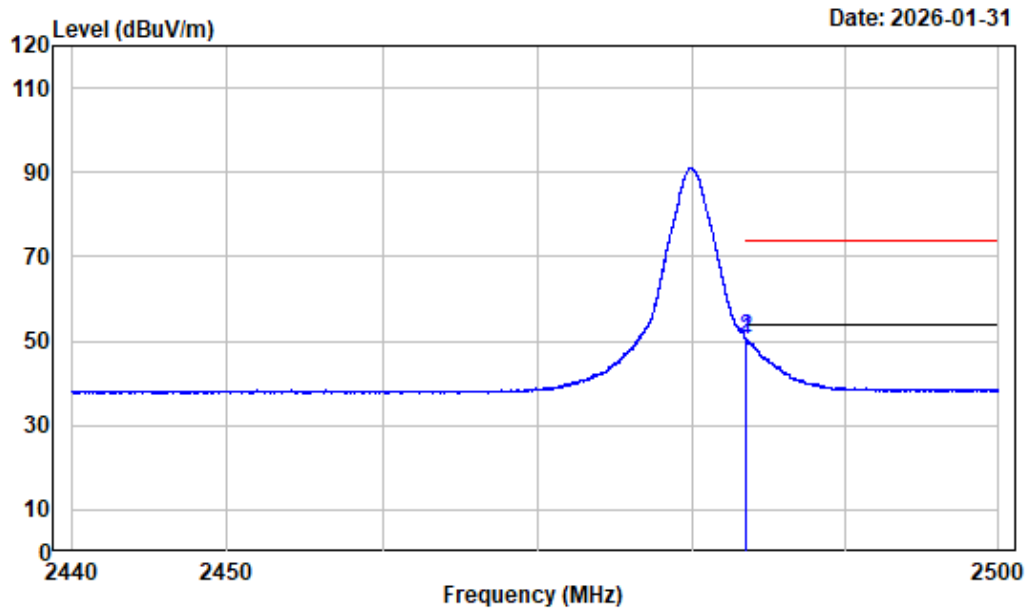
Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500	-10.93	73.73	62.80	74.00	-11.20 Peak
2	2484.175	-10.93	75.82	64.89	74.00	-9.11 Peak

Test Channel:

2480MHz

Ant. Polar. :

Horizontal_Average



Condition : Horizontal

Project No. : 2601P07212E-RF

Tester : Wing K Ji

Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak

Note : Zigbee_2480

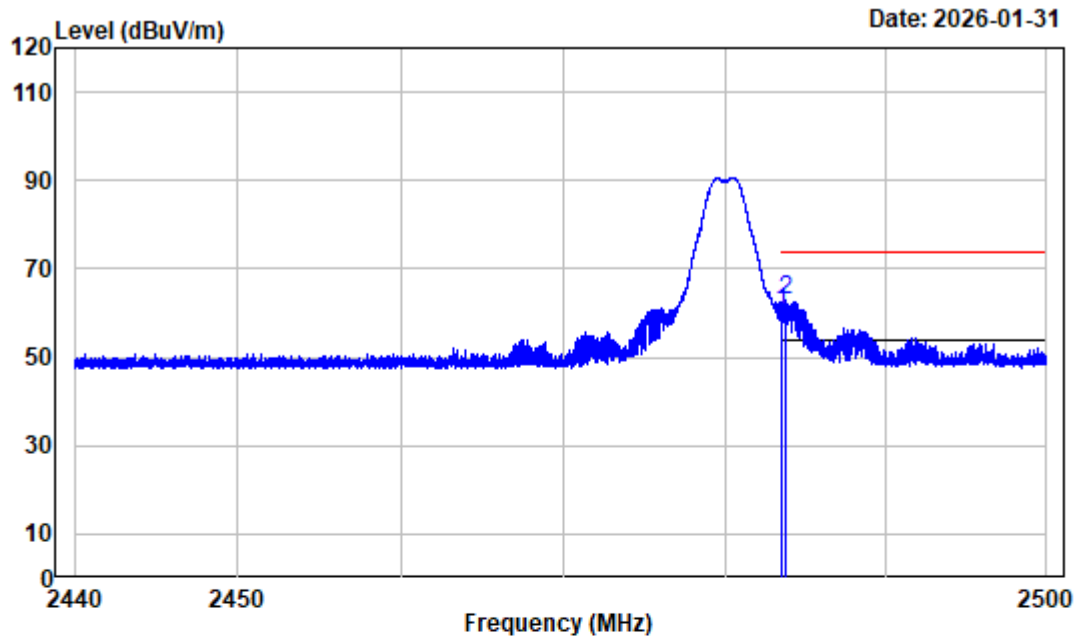
Freq Factor		Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 2483.500	-10.93	61.39	50.46	54.00	-3.54	Average
2 2483.508	-10.93	61.45	50.52	54.00	-3.48	Average

Test Channel:

2480MHz

Ant. Polar. :

Vertical_Peak



Condition : Vertical

Project No. : 2601P07212E-RF

Tester : Wing K Ji

Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak

Note : Zigbee_2480

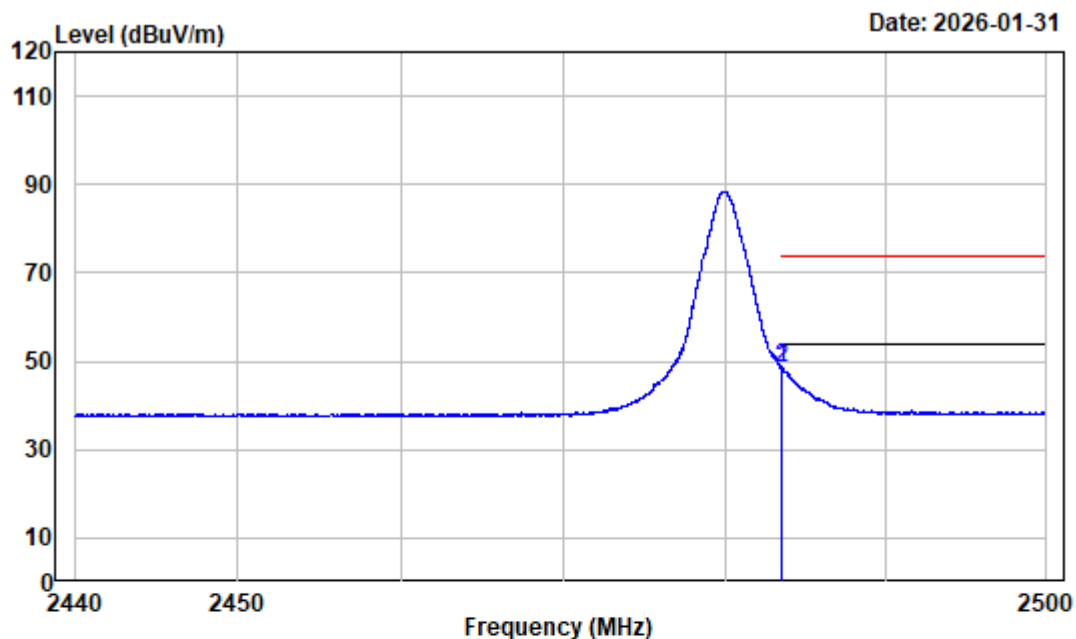
Freq Factor		Read Level	Level	Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500	-10.93	71.26	60.33	74.00	-13.67 Peak
2	2483.740	-10.93	73.87	62.94	74.00	-11.06 Peak

Test Channel:

2480MHz

Ant. Polar. :

Vertical_Average



Condition : Vertical

Project No. : 2601P07212E-RF

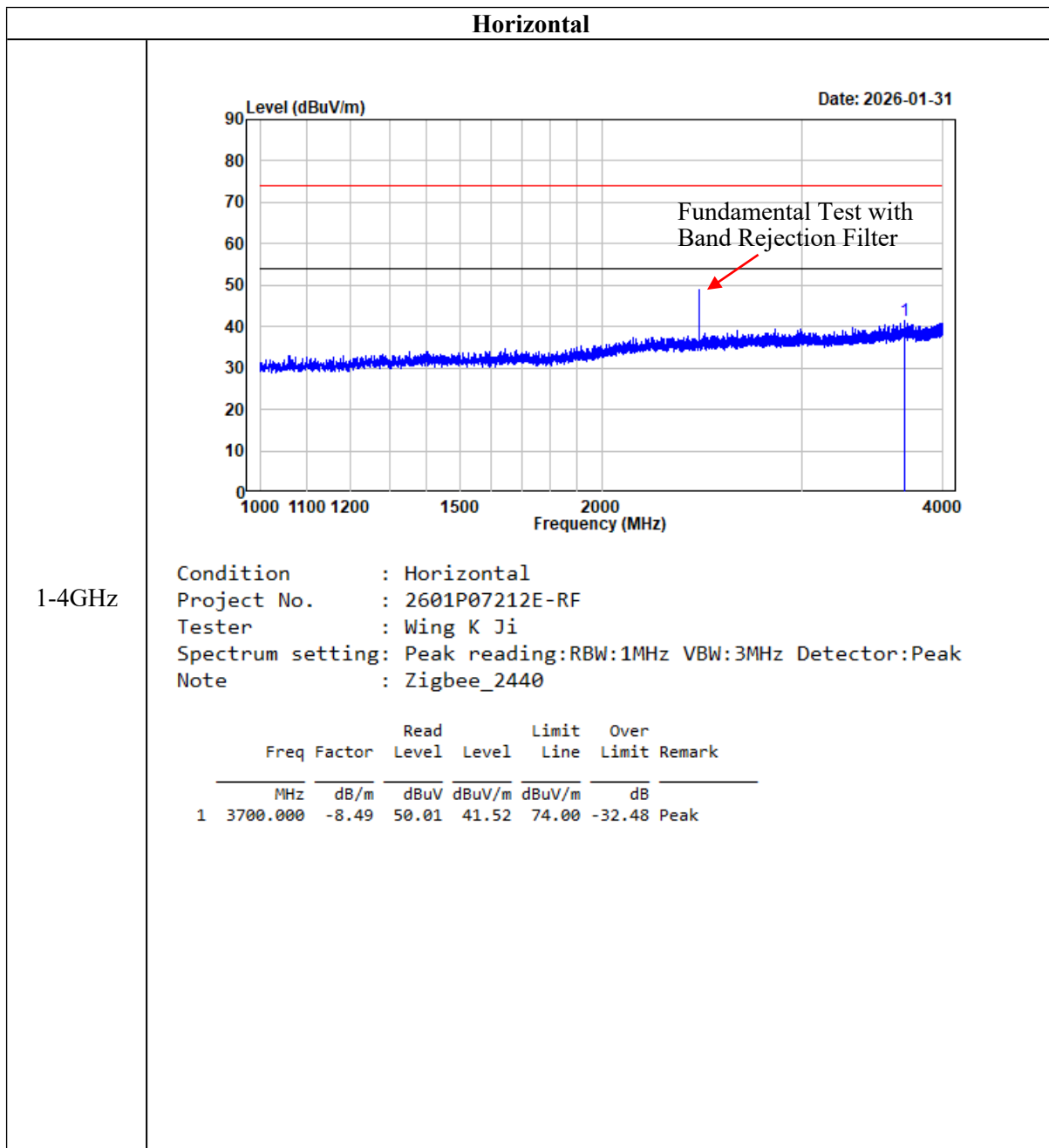
Tester : Wing K Ji

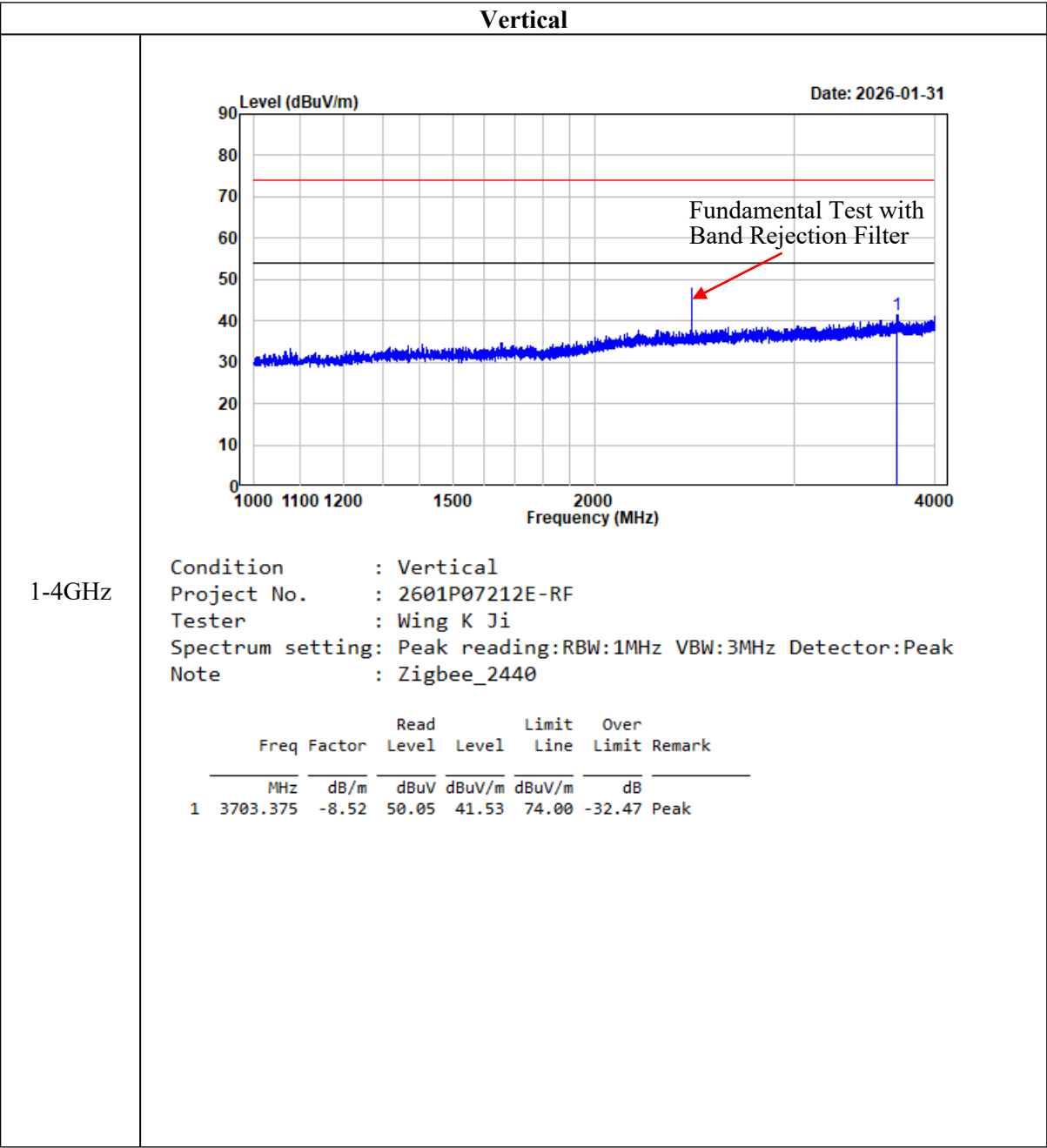
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak

Note : Zigbee_2480

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500	-10.93	59.59	48.66	54.00	-5.34 Average
2	2483.508	-10.93	59.60	48.67	54.00	-5.33 Average

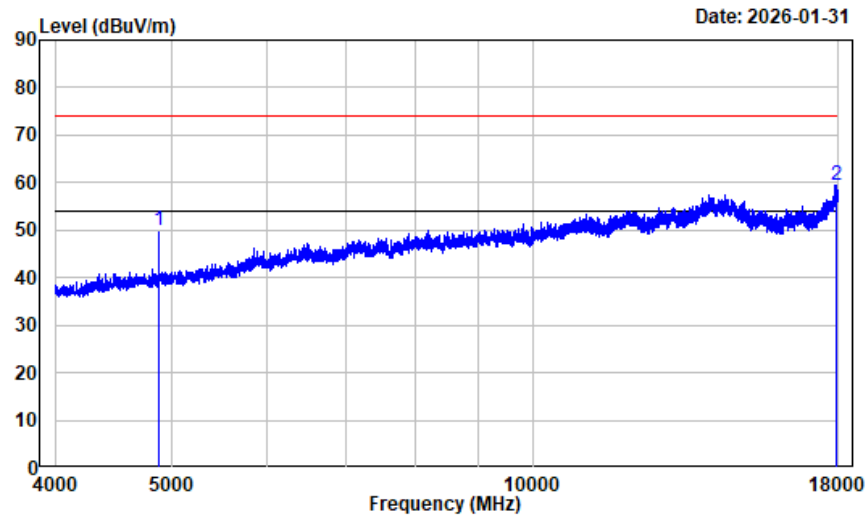
Listed with the worst case test plots: (Middle channel)





Horizontal Peak

4-18GHz

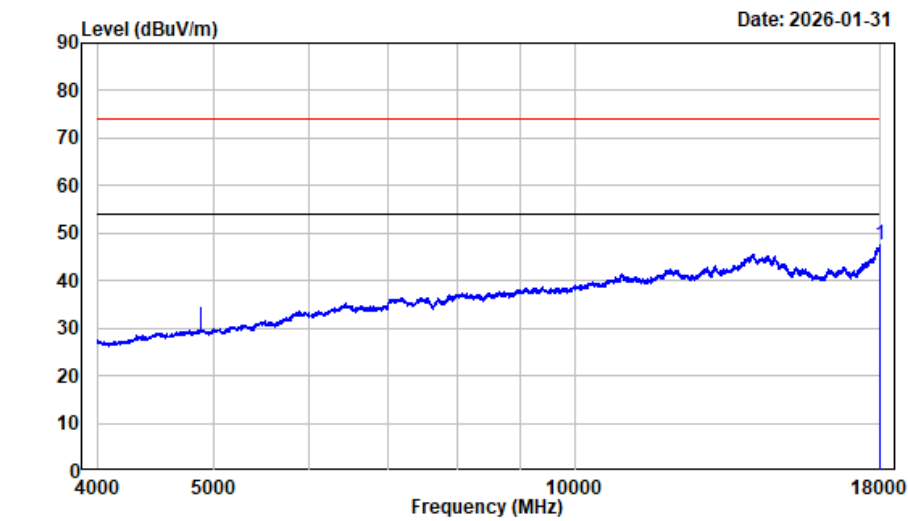


Condition : Horizontal
 Project No. : 2601P07212E-RF
 Tester : Wing K Ji
 Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
 Note : Zigbee_2440

		Read		Limit	Over	Remark
Freq		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 4880.000	-7.67	57.59	49.92	74.00	-24.08	Peak
2 17907.250	9.12	50.35	59.47	74.00	-14.53	Peak

Horizontal Average

4-18GHz

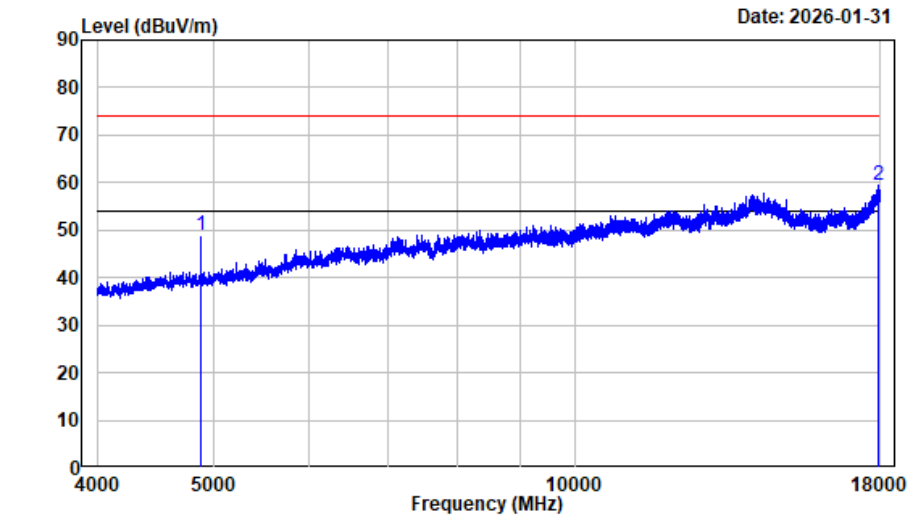


Condition : Horizontal
Project No. : 2601P07212E-RF
Tester : Wing K Ji
Spectrum setting: Average reading:RBW:1MHz VBW:2kHz Detector:Peak
Note : Zigbee_2440

Freq		Factor	Read Level	Level	Limit Line	Over Limit	Remark
MHz		dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 17998.250		9.55	37.85	47.40	54.00	-6.60	Average

Vertical Peak

4-18GHz

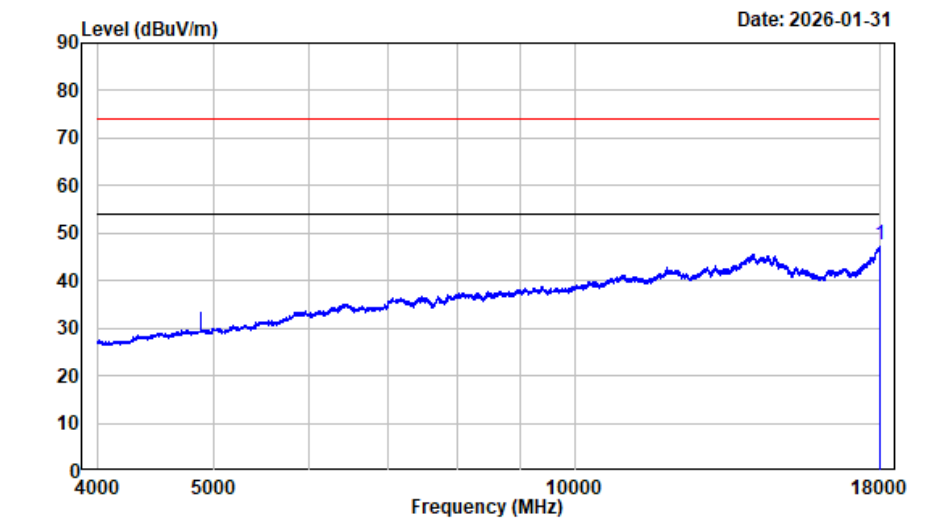


Condition : Vertical
Project No. : 2601P07212E-RF
Tester : Wing K Ji
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : Zigbee_2440

		Read		Limit	Over	Remark
Freq		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 4880.000	-7.67	56.59	48.92	74.00	-25.08	Peak
2 17952.750	9.34	49.95	59.29	74.00	-14.71	Peak

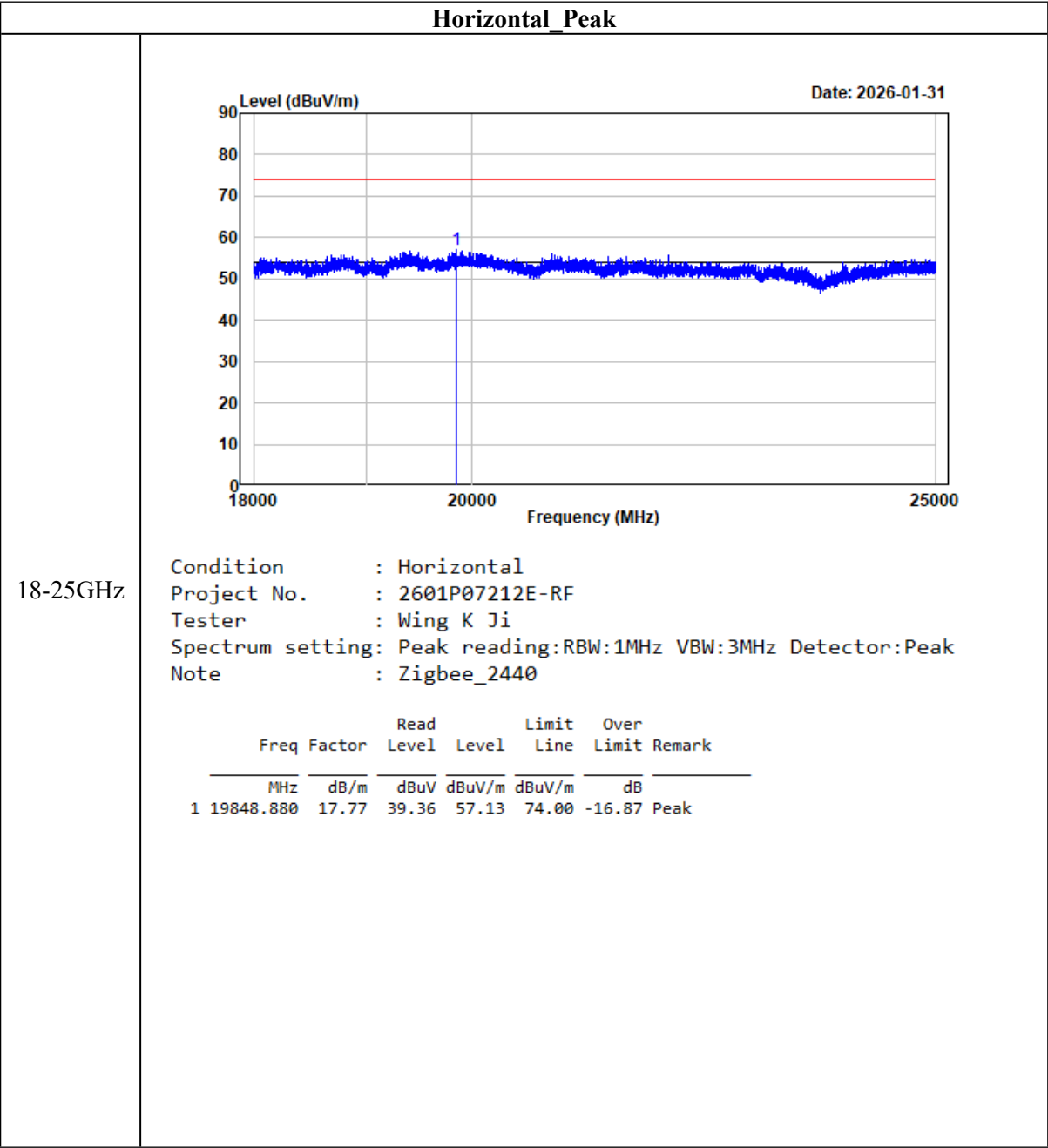
Vertical Average

4-18GHz



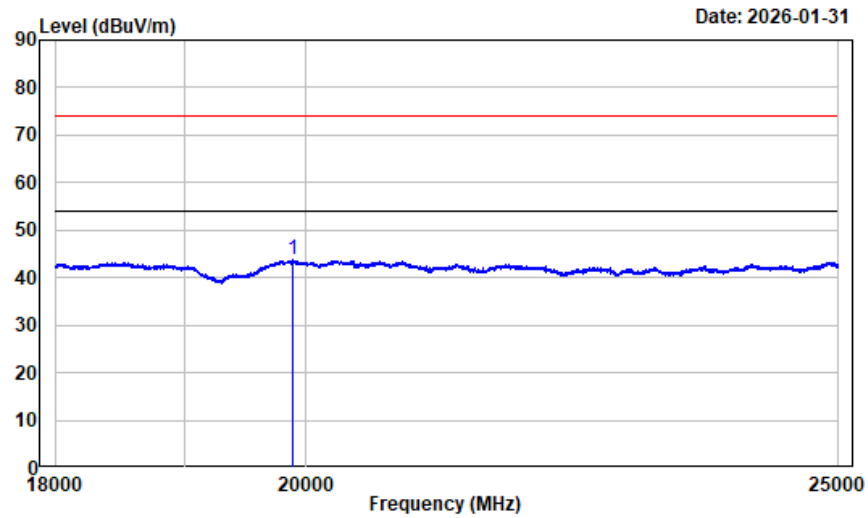
Condition : Vertical
Project No. : 2601P07212E-RF
Tester : Wing K Ji
Spectrum setting: Average reading:RBW:1MHz VBW:2kHz Detector:Peak
Note : Zigbee_2440

Freq		Factor	Read Level	Level	Limit Line	Over Limit	Remark
MHz		dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 17998.250		9.55	37.94	47.49	54.00	-6.51	Average



Horizontal Average

18-25GHz

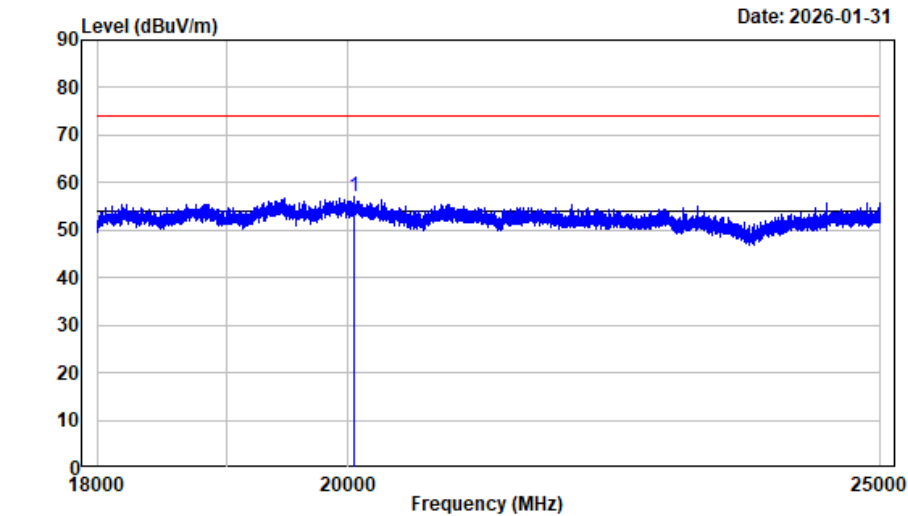


Condition : Horizontal
 Project No. : 2601P07212E-RF
 Tester : Wing K Ji
 Spectrum setting: Average reading:RBW:1MHz VBW:2kHz Detector:Peak
 Note : Zigbee_2440

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 19881.250	17.78	25.88	43.66	54.00	-10.34	Average

Vertical Peak

18-25GHz

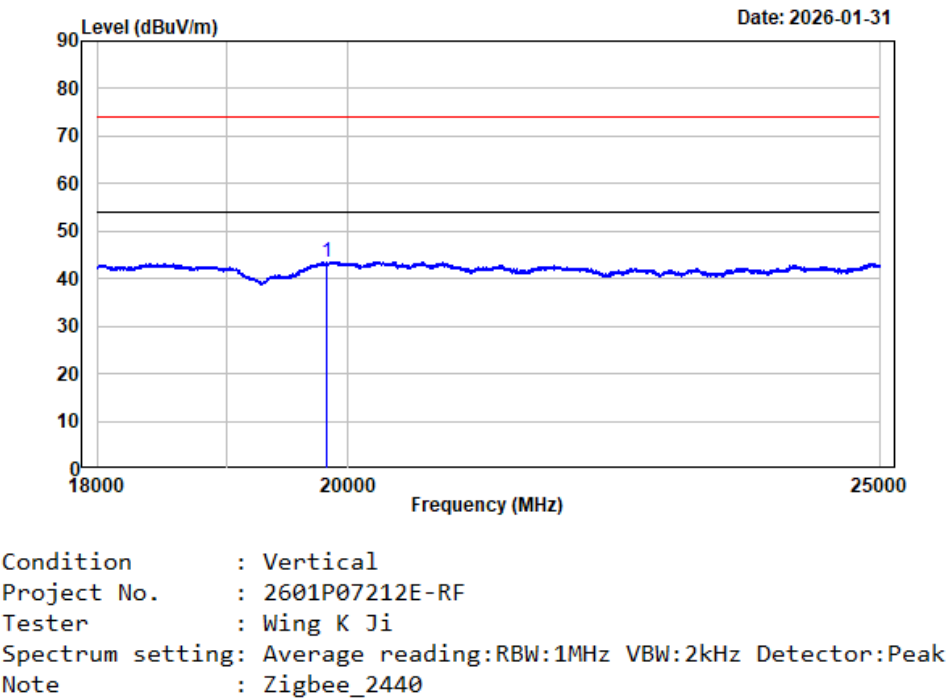


Condition : Vertical
Project No. : 2601P07212E-RF
Tester : Wing K Ji
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : Zigbee_2440

Freq		Factor	Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1 20051.000	17.86		39.10	56.96	74.00	-17.04	Peak

Vertical Average

18-25GHz



Freq		Factor	Read Level	Level	Limit Line	Over Limit	Remark
MHz		dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 19821.750		17.75	25.86	43.61	54.00	-10.39	Average

FCC §15.247(a) (2) & RSS- Gen§6.7 RSS-247 §6.3.1(a)- 99% OCCUPIED BANDWIDTH & 6 DB EMISSION BANDWIDTH

Applicable Standard

According to 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.

According to RSS-247 §6.3.1(a)

The minimum 6 dB bandwidth shall be 500 kHz.

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 transmitter 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

Test Method: ANSI C63.10-2020 Clause 11.8.1 & Clause 6.9.3

The steps for the first option are as follows:

- 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 $\geq [3 \times \text{RBW}]$.

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.

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth:

a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.

b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be at least three times the RBW, unless otherwise specified by the applicable requirement.

c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (OBW/RBW)]$ below the reference level. Specific guidance is given in 4.1.6.2.

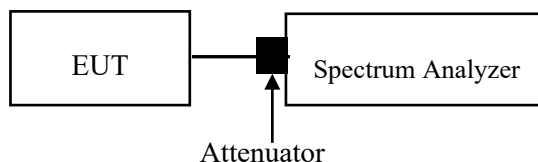
d) Step a) through step c) might require iteration to adjust within the specified range.

e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max-hold mode (until the trace stabilizes) shall be used.

f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.

g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power 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; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.

h) The occupied bandwidth shall be reported by providing spectral plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).



Test Data**Environmental Conditions**

Temperature:	22.1~25.1 °C
Relative Humidity:	45~56 %
ATM Pressure:	100.3~101.2 kPa

The testing was performed by Cheeb Huang from 2026-03-06 to 2026-03-11.

EUT operation mode: Transmitting

Test Result: Compliant. Please refer to the Appendix.

FCC §15.247(b) (3) & RSS-247 §6.3.2- MAXIMUM CONDUCTED OUTPUT POWER

Applicable Standard

According to 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.

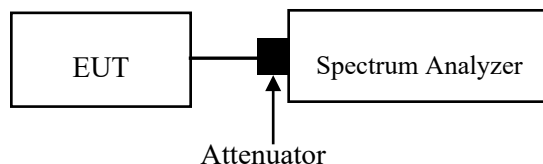
According to RSS-247§6.3.2 For DTS operating in the band 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1W, and the e.i.r.p. shall not exceed 4 W, except as provided in section 6.5 a) and b).

Test Procedure

Test Method: ANSI C63.10-2020 Clause 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 $\geq$ DTS bandwidth.
- b) Set VBW $\geq$ $[3 \times \text{RBW}]$.
- c) Set span $\geq$ $[3 \times \text{RBW}]$.
- 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.



Note: A short RF cable with low cable loss connected to the EUT antenna port, which was provided by client or lab, the cable loss was add with offset into test equipment, the total offset consists of attenuator and/or RF cable loss

Test Data**Environmental Conditions**

Temperature:	25.1 °C
Relative Humidity:	56 %
ATM Pressure:	101.2 kPa

The testing was performed by Cheeb Huang on 2026-03-06.

EUT operation mode: Transmitting

Test Result: Compliant. Please refer to the Appendix.

FCC §15.247(d) & RSS-247 §6.6- 100 kHz BANDWIDTH OF FREQUENCY BAND EDGE

Applicable Standard

According to 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)).

According to RSS-247 § 6.6,

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device, or hybrid system is operating, the RF power that is produced 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 that the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of root-mean-square averaging over a time interval, as permitted under section 6.3.2, the attenuation required shall be 30 dB instead of 20dB. Attenuation below the general field strength limits specified in RSS-Gen is not required.

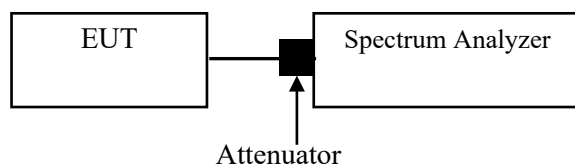
Test Procedure

Test Method: ANSI C63.10-2020 Clause 11.11.3

Establish a reference level by using the following procedure:

- a) Set instrument center frequency to DTS channel center frequency.
- b) Set the span to ≥ 1.5 times the DTS bandwidth.
- c) Set the RBW = 100 kHz.
- d) Set the VBW $\geq [3 \times \text{RBW}]$.
- 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 PSD level.

Note that the channel found to contain the maximum PSD level can be used to establish the reference level.



Test Data

Environmental Conditions

Temperature:	25.1 °C
Relative Humidity:	56 %
ATM Pressure:	101.2 kPa

The testing was performed by Cheeb Huang on 2026-03-06.

EUT operation mode: Transmitting

Test Result: Compliant. Please refer to the Appendix.

FCC §15.247(e) & RSS-247 §6.3.1(B)- POWER SPECTRAL DENSITY

Applicable Standard

According to 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.

According to RSS-247 §6.3.1(b):

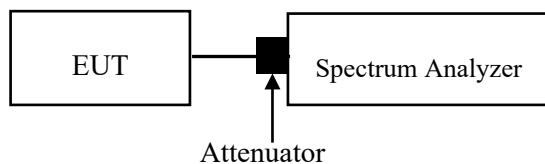
The transmitter power spectral density conducted from the transmitter to the antenna(s) shall not be greater than 8 dBm/3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of section 6.3.2. The power spectral density shall be determined using the same method as is used to determine the maximum conducted output power.

Test Procedure

Test Method: ANSI C63.10-2020 Clause 11.10.2

The following procedure shall be used if maximum peak conducted output power was used to determine compliance, and it is optional if the maximum conducted (average) output power was used to determine compliance:

- 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 $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
- d) Set the VBW $\geq [3 \times \text{RBW}]$.
- 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.



Note: A short RF cable with low cable loss connected to the EUT antenna port, which was provided by client or lab, the cable loss was added with offset into test equipment, the total offset consists of attenuator and/or RF cable loss

Test Data**Environmental Conditions**

Temperature:	25.1 °C
Relative Humidity:	56 %
ATM Pressure:	101.2 kPa

The testing was performed by Cheeb Huang on 2026-03-06.

EUT operation mode: Transmitting

Test Result: Compliant. Please refer to the Appendix.

CONDUCTED SPURIOUS EMISSION

Applicable Standard

According to 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)).

According to RSS-247 § 6.6,

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device, or hybrid system is operating, the RF power that is produced 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 that the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of root-mean-square averaging over a time interval, as permitted under section 6.3.2, the attenuation required shall be 30 dB instead of 20dB. Attenuation below the general field strength limits specified in RSS-Gen is not required.

Test Procedure

Test Method: ANSI C63.10-2020 Clause 11.11.3

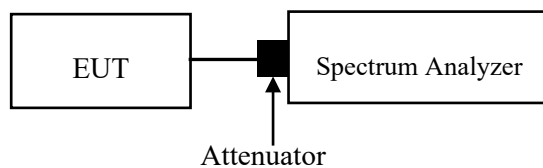
Establish an emission level by using the following procedure:

- a) Set the center frequency and span to encompass frequency range to be measured. Note that the frequency range might need to be divided into multiple frequency ranges to retain frequency resolution.

NOTE—the number of points can also be increased for large spans to retain frequency resolution

- b) Set the RBW = 100 kHz.
- c) Set the VBW $\geq [3 \times \text{RBW}]$.
- 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.



Note: The worst cable loss among the test frequency range was added into plots.

Test Data

Environmental Conditions

Temperature:	25.1 °C
Relative Humidity:	56 %
ATM Pressure:	101.2 kPa

The testing was performed by Cheeb Huang on 2026-04-02.

EUT operation mode: Transmitting

Test Result: Compliant. Please refer to the Appendix.

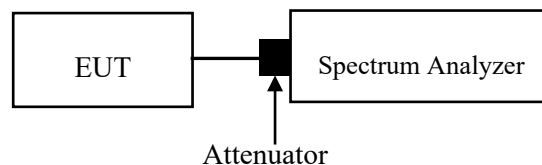
C63.10 §11.6- DUTY CYCLE

Test Procedure

According to ANSI C63.10-2020 Section 11.6

Measurements of duty cycle and transmission duration shall be performed using one of the following techniques:

- a) A diode detector and an oscilloscope that together have a sufficiently short response time to permit accurate measurements of the ON and OFF times of the transmitted signal.
- b) 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 $RBW \geq OBW$ if possible; otherwise, set RBW to the largest available value.
 - 3) Set $VBW \geq RBW$. 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 $T \leq 16.7 \mu s$.)



Test Data

Environmental Conditions

Temperature:	25.1 °C
Relative Humidity:	56 %
ATM Pressure:	101.2 kPa

The testing was performed by Cheeb Huang on 2026-03-06.

EUT operation mode: Transmitting

Test Result: Compliant. Please refer to the Appendix.

EUT PHOTOGRAPHS

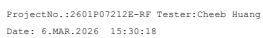
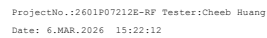
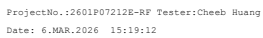
Please refer to the attachment 2601P07212E-RF-EXP External photo and 2601P07212E-RF-INP Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2601P07212E-RF-TSP Test Setup photo.

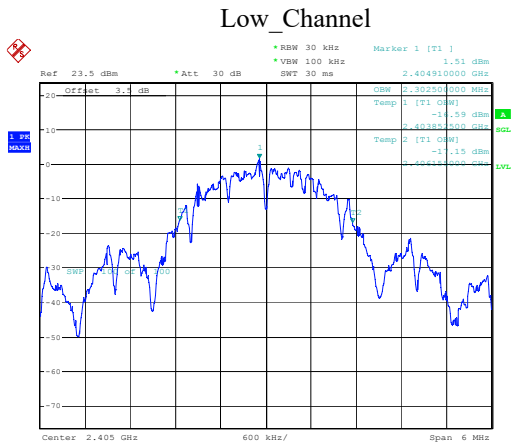
6dB Emission Bandwidth

Channel	Result (MHz)	Limit (MHz)	Verdict
Low Channel	1.560	≥0.5	Pass
Middle Channel	1.553	≥0.5	Pass
High Channel	1.538	≥0.5	Pass

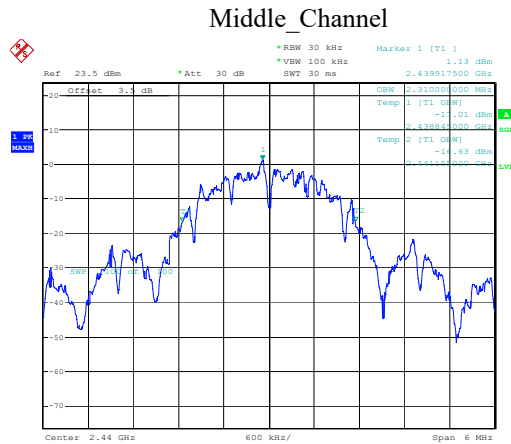


99% Occupied Bandwidth

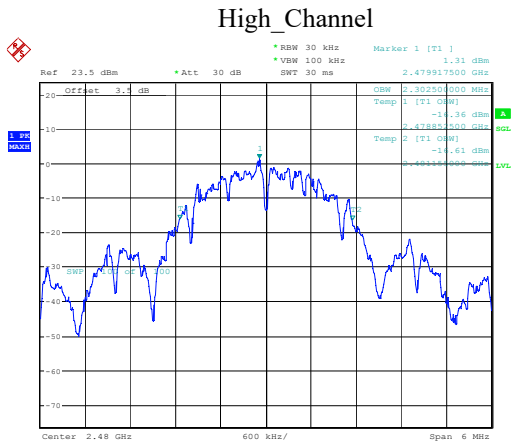
Channel	99% OBW (MHz)
Low Channel	2.303
Middle Channel	2.310
High Channel	2.303



ProjectNo.:2601P07212E-RF Tester:Cheeb Huang
Date: 6.MAR.2026 15:21:05



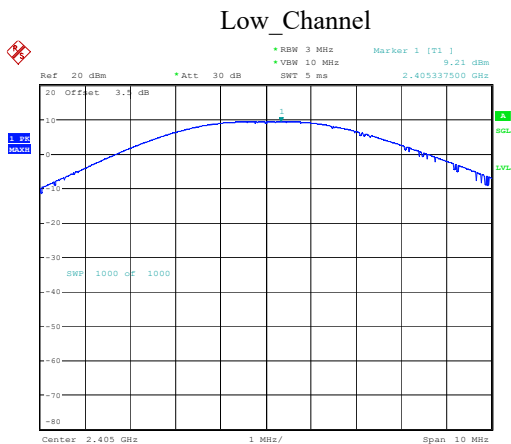
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Date: 11.MAR.2026 11:06:28



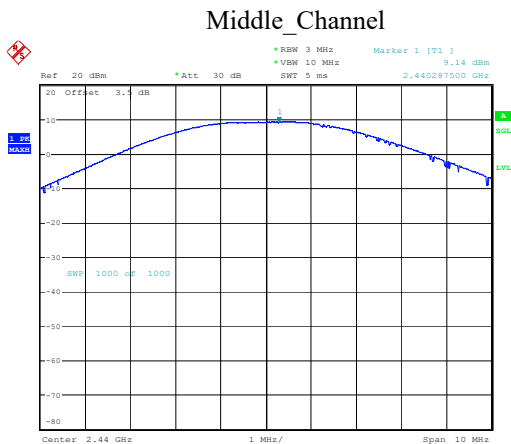
ProjectNo.:2601P07212E-RF Tester:Cheeb Huang
Date: 6.MAR.2026 15:32:17

Maximum Conducted Output Power

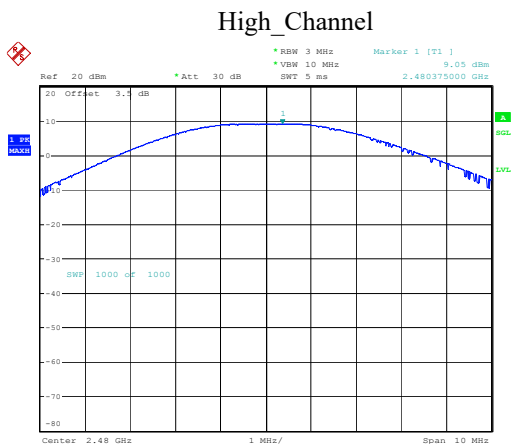
Channel	Peak Output Power (dBm)	Limit (dBm)	EIRP (dBm)	EIRP Limit_IC (dBm)	Verdict
Low Channel	9.21	30.00	9.21	36.00	Pass
Middle Channel	9.14	30.00	9.14	36.00	Pass
High Channel	9.05	30.00	9.05	36.00	Pass



ProjectNo.:2601P07212E-RF Tester:Cheeb Huang
Date: 6.MAR.2026 15:19:32



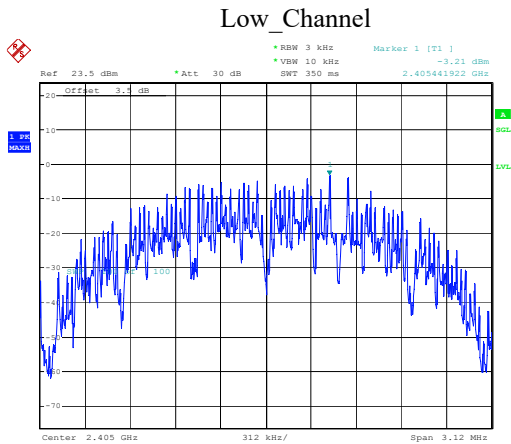
ProjectNo.:2601P07212E-RF Tester:Cheeb Huang
Date: 6.MAR.2026 15:22:40



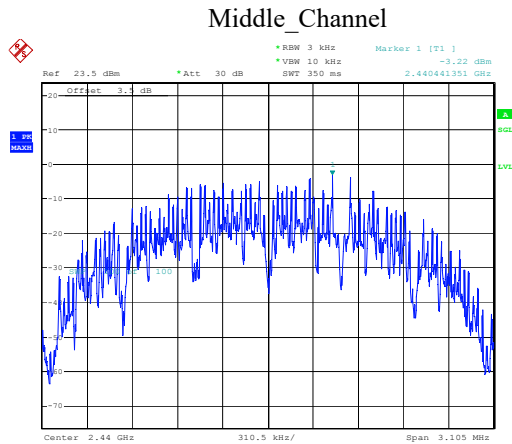
ProjectNo.:2601P07212E-RF Tester:Cheeb Huang
Date: 6.MAR.2026 15:30:42

Power Spectral Density

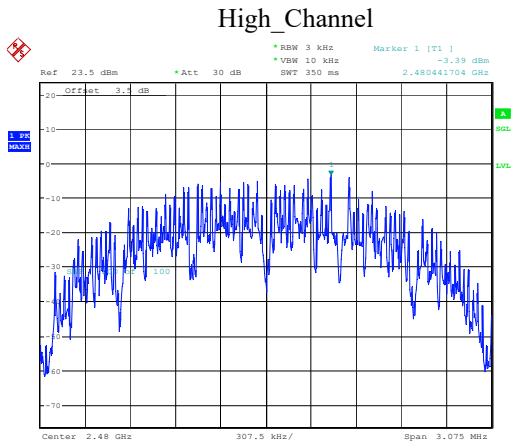
Channel	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-3.21	8	Pass
Middle Channel	-3.22	8	Pass
High Channel	-3.39	8	Pass



ProjectNo.:2601P07212E-RF Tester:Cheeb Huang
Date: 6.MAR.2026 15:20:57

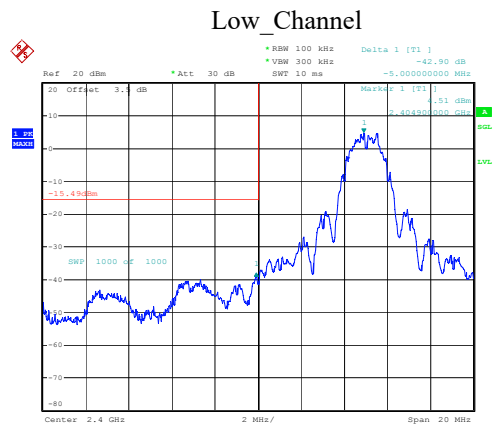


ProjectNo.:2601P07212E-RF Tester:Cheeb Huang
Date: 6.MAR.2026 15:23:20

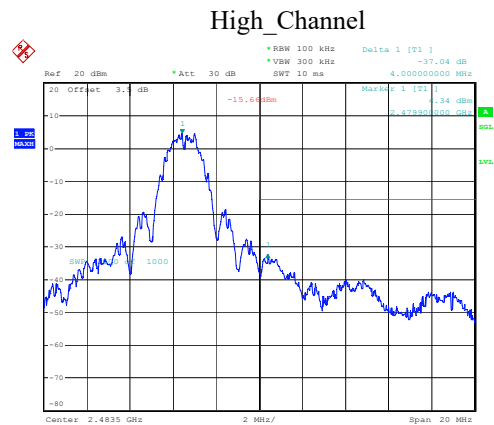


ProjectNo.:2601P07212E-RF Tester:Cheeb Huang
Date: 6.MAR.2026 15:32:07

100 kHz Bandwidth of Frequency Band Edge



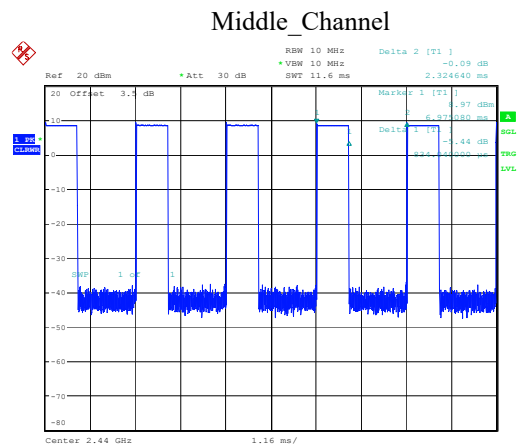
ProjectNo.:2601P07212E-RF Tester:Cheeb Huang
Date: 6.MAR.2026 15:20:17



ProjectNo.:2601P07212E-RF Tester:Cheeb Huang
Date: 6.MAR.2026 15:31:27

Duty Cycle

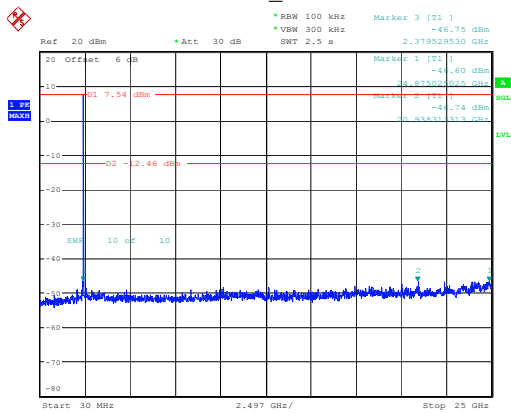
Channel	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
Middle Channel	0.834	2.325	35.87	4.45	1199	2



ProjectNo.:2601P07212E-RF Tester:Cheeb Huang
Date: 6.MAR.2026 15:33:23

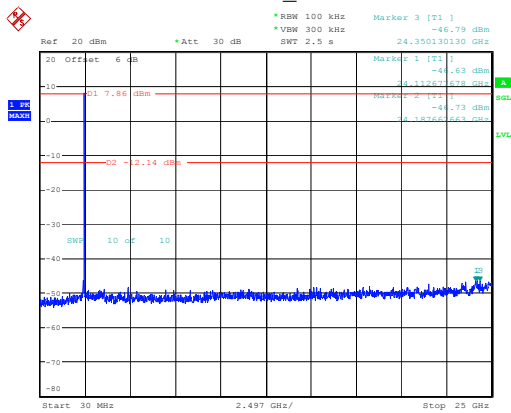
Conducted Spurious Emission

Low_Channel



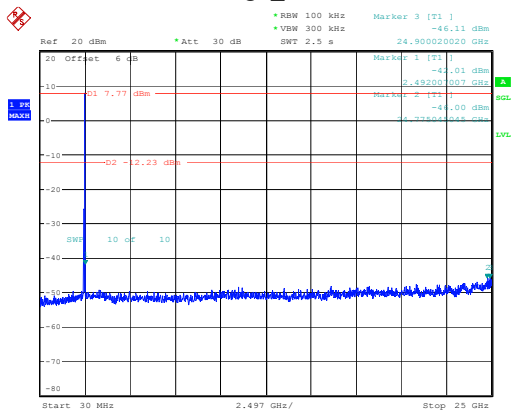
ProjectNo.:2601P07212E-RF Tester:Cheeb Huang
Date: 2.APR.2026 15:13:30

Middle_Channel



ProjectNo.:2601P07212E-RF Tester:Cheeb Huang
Date: 2.APR.2026 15:15:47

High_Channel



ProjectNo.:2601P07212E-RF Tester:Cheeb Huang
Date: 2.APR.2026 15:16:38

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