

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT



EUT Description: WIRELESS LAN PCB ASSY
Applicant: Universal Electronics Inc.
15147 North Scottsdale Road, Suite H300, Scottsdale AZ
85254 USA
Manufacturer: Universal Electronics Inc.
15147 North Scottsdale Road, Suite H300, Scottsdale AZ
85254 USA
Brand Name: Daikin Industries Ltd.
Model No./ISED HVIN: TypeN0D
ISED PMN: N/A
Report Number: TERF2603000777ER
FCC ID MG3-N0DA066
IC: 2575A-N0DA066
Date of EUT Received: March 4, 2026
Date of Test: March 4, 2026 ~ March 13, 2026
Issue Date: April 9, 2026

Jazz Huang

Approved By

Jazz Hung

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 and the energy emitted by the sample EUT comply with FCC rule part §15.247, ISSED RSS-247.

The results of this report relate only to the sample identified in this report.

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TERF2603000777ER	00	Original	April 9, 2026	Candice Li	

Note:

- 1、The remark "*" indicates modification of the report upon requests from certification body.

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1 GENERAL INFORMATION

1.1 Equipment Under Test (EUT)

EUT Description	WIRELESS LAN PCB ASSY
Brand Name	Daikin Industries Ltd.
Model No. /ISED HVIN	TypeN0D
Firmware Version	100_5_100_noadaptivity
Power Supply	14 Vdc
Test Software (Name/Version)	UI_mptool_1V5

1.2 RF Specification

WLAN 2.4GHz

Mode	Frequency Range	Channels	Rated Power (dBm)		Modulation Technology
			Peak	Avg.	
802.11b	2412~2462	11	16.50	13.93	DSSS
802.11g	2412~2462	11	23.77	13.93	OFDM
802.11n_HT20	2412~2462	11	23.24	13.87	OFDM

WLAN 2.4GHz for IC

Mode	Frequency Range	Channels	Rated Power (dBm)		Rated Power in dBm (EIRP)	Modulation Technology
			Peak	Avg.		
802.11b	2412~2462	11	16.50	13.93	17.26	DSSS
802.11g	2412~2462	11	23.77	13.93	17.26	OFDM
802.11n_HT20	2412~2462	11	23.24	13.87	17.20	OFDM

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1.3 Antenna Designation

Ant. Type	Brand	Model No.	Freq. (MHz)	Peak Gain(dBi)
PCB trace	Guangzhou Universal Electronics Service Co.,Ltd.	i	2400~2483.5	3.34

Note:

1. Pre-scanned was done on the above antennas, measurements were demonstrated by using the antenna with the highest gain as the worst case scenarios.
2. The antenna information is provided by the applicant. The laboratory does not verify the accuracy of this information, and all test results related to antenna characteristics are based solely on the data supplied. Responsibility for the authenticity and accuracy of these specifications rests entirely with the party who provided the information.
3. The antenna complies with part 15.203 requirement and no consideration of replacement. Please see EUT photo for details.

1.4 Operating Frequencies

2400~2483.5 MHz, Bandwidth: 20MHz							
CH	Freq.	CH	Freq.	CH	Freq.	CH	Freq.
1	2412 MHz	2	2417 MHz	3	2422 MHz	4	2427 MHz
5	2432 MHz	6	2437 MHz	7	2442 MHz	8	2447 MHz
9	2452 MHz	10	2457 MHz	11	2462 MHz	-	-

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1.5 EUT Availability and The Worst Test Modes

1. The EUT has been tested under operating condition.
2. Test program used to control the EUT for staying in continuous transmitting and receiving mode is programmed.
3. The field strength of radiated emission was measured as the EUT positioned in different orthogonal planes (E1/E2/H) based on actual usage of the EUT to pre-scan the emissions for determining the worst case scenario.
4. Investigation has been done on all the possible configurations for searching the worst case.

Mode		Transmission Chain								Single Transmission Spatial		Multi Transmission Spatial	
V	802.11 b	V	Ch0		Ch1		Ch2		Ch3		1TX	V	1TX
V	802.11 g	V	Ch0		Ch1		Ch2		Ch3		1TX	V	1TX
V	802.11 n	V	Ch0		Ch1		Ch2		Ch3		1TX	V	1TX
	802.11 ac		Ch0		Ch1		Ch2		Ch3		1TX		1TX
	802.11 ax		Ch0		Ch1		Ch2		Ch3		1TX		1TX
	802.11 be		Ch0		Ch1		Ch2		Ch3		1TX		1TX

5. Therefore, below summary is the modes of test configuration that yield the highest reading and generate the highest emission chosen to carry out the relevantly mandatory test items.

CONDUCTED TEST					
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11b	1 to 11	1,6,11	DSSS	1	Ch0
802.11g	1 to 11	1,6,11	OFDM	6	Ch0
802.11n_HT20	1 to 11	1,6,11	OFDM	MCS0	Ch0

TRANSMIT RADIATED EMISSION TEST (BELOW 1 GHz)					
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11g	1 to 11	6	OFDM	6	Ch0

TRANSMIT RADIATED EMISSION TEST (ABOVE 1 GHz)					
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11b	1 to 11	1,6,11	CCK	1	Ch0
802.11g	1 to 11	1,6,11	OFDM	6	Ch0
802.11n20	1 to 11	1,6,11	OFDM	MCS0	Ch0

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2 SUMMARY OF TEST RESULTS

FCC Rules	ISED Rules	Description Of Test	Result
§15.207(a)	RSS-Gen §8.8	AC Power Line Conducted Emission	Compliant
§15.247(b) (3)	RSS-247 §6.3.2	Peak Output Power	Compliant
§15.247(a)(2)	RSS-247 §6.3.1.a RSS-Gen §6.7	Emission Bandwidth	Compliant
§15.205 §15.209 §15.247(d)	RSS-247 §6.6 RSS-Gen §8.9 RSS-Gen §8.10	Out of Band Emission	Compliant
§15.205 §15.209 §15.247(d)	RSS-247 §6.6 RSS-Gen §8.9 RSS-Gen §8.10	Unwanted Emission	Compliant
§15.247(e)	RSS-247 §6.3.1.b	Power Spectral Density	Compliant
§15.203	N/A	Antenna Requirement	Compliant

2.1 Test Methodology of Applied Standards

1. ANSI C63.10:2020
2. FCC Part 15, Subpart C §15.247
3. FCC KDB 558074 D01 15.247 Meas Guidance v05r02
4. FCC KDB 662911 D01 Multiple Transmitter Output v02r01
5. ISED RSS-247 issue 4 July 2025
6. ISED RSS-Gen, Issue 5 April 2018, Amendment 2 (February 2021)
7. ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024

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2.2 Measurement Uncertainty

Test Items	Uncertainty
AC Power Line Conducted Emission	+/- 1.61 dB
Output Power measurement	+/- 0.97 dB
Emission Bandwidth	+/- 1.38 Hz
Conducted emission measurement	+/- 0.77 dB
Peak Power Density	+/- 0.61 dB
Temperature	+/- 0.60 °C
Humidity	+/- 3.00 %
DC / AC Power Source	+/- 1.00 %

Radiated Spurious Emission Measurement Uncertainty		
Polarization: Vertical	+/- 1.89 dB	9kHz - 30MHz
	+/- 4.10 dB	30MHz - 1000MHz
	+/- 3.41 dB	1GHz - 18GHz
	+/- 3.89 dB	18GHz - 40GHz
Polarization: Horizontal	+/- 1.89 dB	9kHz - 30MHz
	+/- 4.10 dB	30MHz - 1000MHz
	+/- 3.41 dB	1GHz - 18GHz
	+/- 3.89 dB	18GHz - 40GHz
Radiated Spurious Emission	+/- 2.00 dB	33GHz - 50GHz
	+/- 1.59 dB	50GHz - 60GHz
	+/- 1.71 dB	60GHz - 90GHz
	+/- 1.64 dB	90GHz - 140GHz
	+/- 3.84 dB	140GHz - 220GHz

Note

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
2. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

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2.3 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designation number / Registration Number	IC CAB identifier / Company Number
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803	SAC 1 / SAC 2 / SAC 3 Conduction 1 / Conducted 1 Conducted 2 / Conducted 3 Conducted 4 / Conducted 5 Conducted 6 / FAC 1	TW0027 / 891563	TW3702 / 4620A
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	No.2, Keji 1st Rd, Guishan District, Taoyuan City, Taiwan 333	SAC C / SAC D / SAC G Conduction C/ Conducted A Conducted B / Conducted C Conducted D / Conducted E Conducted F / Conducted G FAC A	TW0028 / 200037	TW3702 / 4620E

Measurement	Test Site Name	Test Engineer	EUT S/N	Test Environment	Test Date
Conducted	Conducted 2	Alex Hsu	TE_SP_20260306446	23~28°C / 45~55%	2026/03/12 ~ 2026/03/12
Radiated	SAC 2	Bob Chao	TE_SP_20260302451	20.5~20.6°C / 49~53%	2026/03/12 ~ 2026/03/13
Conduction	Conduction 1	Alex Hsu	TE_SP_20260302451	24.0~24.2°C / 40~45%	2026/03/13 ~ 2026/03/13

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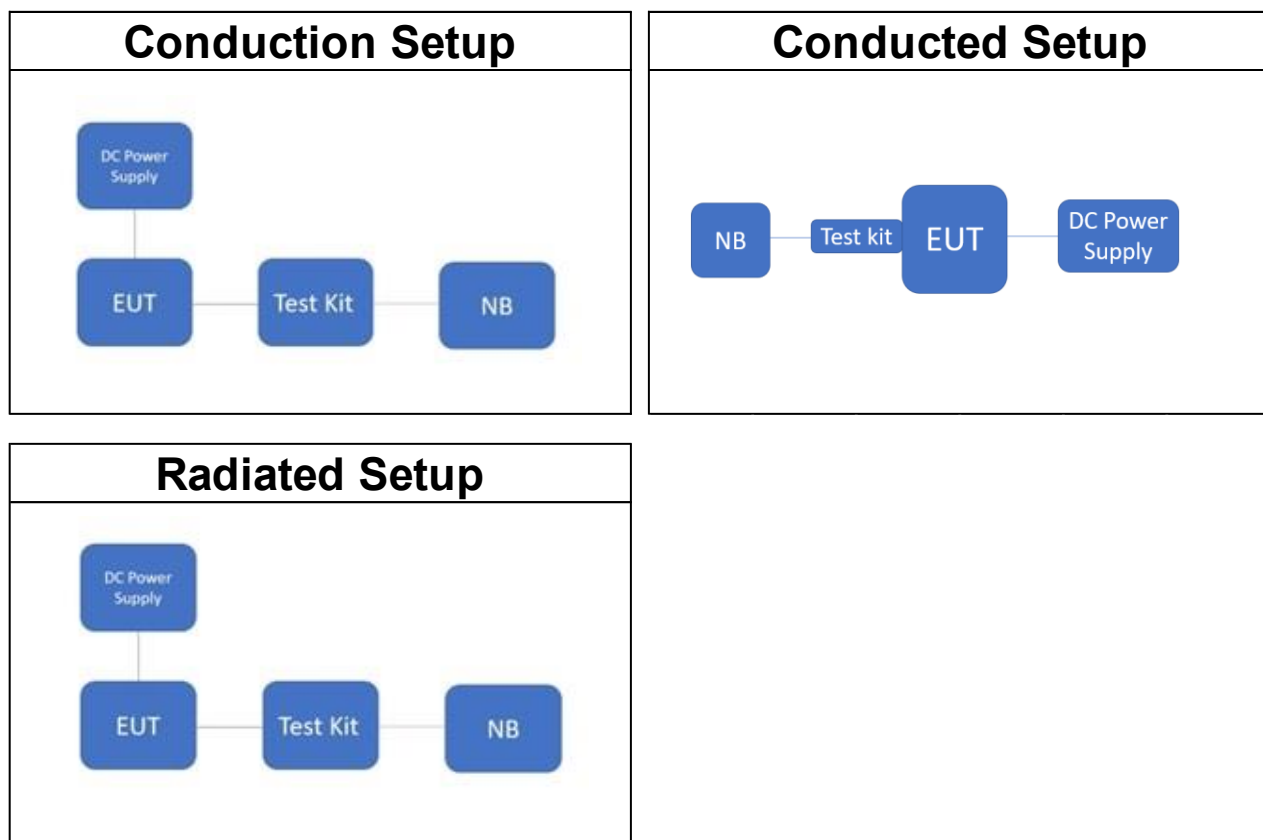
3 CONTROL UNIT(S) AND PERIPHERAL(S)

3.1 EUT Exercise

An engineering test mode (software/firmware) that applicant provided was utilized to manipulate the EUT into transmit, selection of the test channel, and modulation scheme.

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuation factor between EUT conducted port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly EUT RF output level.

3.2 Diagrams



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3.3 List

3.3.1 Conduction Setup

AC Power-Line Conducted Emission Test Site: Conduction 1					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Notebook	Lenovo	X250	PC-06A4E7	N/A	N/A
Test Kit	FTDI	TTL-232RG-VIP-WE	N/A	N/A	N/A
USB Cable	Molex	88732-8602	N/A	N/A	N/A

3.3.2 Conducted Setup

Conducted Emission Test Site: Conducted 2					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
USB Cable	Molex	88732-8602	N/A	N/A	N/A
Test Kit	FTDI	TTL-232RG-VIP-WE	N/A	N/A	N/A
Notebook	Lenovo	X250	PC-06A4E7	N/A	N/A

3.3.3 Radiated Setup

Radiated Emission Test Site: SAC 2					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Notebook	Lenovo	X250	PC-06A4E7	N/A	N/A
Test Kit	FTDI	TTL-232RG-VIP-WE	N/A	N/A	N/A
USB Cable	Molex	88732-8602	N/A	N/A	N/A

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4 TEST INSTRUMENT

4.1 Conducted Measurement

Conducted Emission Test Site: Conducted 2					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
DC Block	Mini-Circuits	BLK-18-S+	14	12/07/2025	12/06/2026
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY60242081	10/29/2025	10/28/2026
Attenuator	Mini-Circuits	BW-S10W2+	13	12/07/2025	12/06/2026
Power Meter	Anritsu	ML2496A	1804001	04/18/2025	04/17/2026
Power Sensor	Anritsu	MA2411B	1726104	04/18/2025	04/17/2026
Power Sensor	Anritsu	MA2411B	1726107	04/18/2025	04/17/2026
DC Power Supply	Agilent	E3640A	MY52410006	12/30/2025	12/29/2026
Test Software	SGS	Radio Test Software	Ver. 21	N.C.R	N.C.R

4.2 Radiated Measurement

Radiated Emission Test Site: SAC 2					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
3.2G High Pass Filter	Woken	WHKX10-2624	3	12/07/2025	12/06/2026
Attenuator	Mini-Circuits	BW-S10W2+	1	12/07/2025	12/06/2026
Band Reject Filter 2400-2483.5	EWT	EWT-14-0166	M3	12/07/2025	12/06/2026
Bi-log Antenna	SCHWARZBECK	VULB9168	443	07/22/2025	07/21/2026
Coaxial Cables	EMCI	EMC104-SM-SM-600 +EMC105-SM-SM-2000 +EMC105-SM-SM-1500 +EMC105-SM-SM-10000	RX Cable 9K-18G (220237+220909+220906+240801)	07/14/2025	07/13/2026
Coaxial Cables	Huber Suhner	SUCOFLEX 102	RX Cable 18G-40G MY2630/2+805062/2	07/14/2025	07/13/2026
DC Power Supply	Agilent	E3640A	MY52410006	12/30/2025	12/29/2026
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY59071570	07/04/2025	07/03/2026
Horn Antenna	SCHWARZBECK	BBHA9120D	603	05/20/2025	05/19/2026
Horn Antenna	SCHWARZBECK	BBHA9170	184	12/31/2025	12/30/2026
Loop Antenna	COM-POWER	AL-130R	10160104	12/30/2025	12/29/2026
Pre-Amplifier	EMCI	EMC118A45SEE	980867	07/14/2025	07/13/2026
Pre-Amplifier	EMCI	EMC184045SEE	980939	07/14/2025	07/13/2026
Pre-Amplifier	EMCI	EMC330N	980826	07/14/2025	07/13/2026
Site Cal	SGS	SAC 2	N/A	07/14/2025	07/13/2026
Test Software	Audix	e3	Ver. 9.210616	N.C.R	N.C.R

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4.3 Emission from AC power line

AC Power-Line Conducted Emission Test Site: Conduction 1					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Coaxial Cables	EMC Instruments Corp.	EMCCFD300-BM-BM-3000	161207	06/22/2025	06/21/2026
EMI Test Receiver	R&S	ESCI 7	100759	09/02/2025	09/01/2026
LISN	SCHWARZBECK	NSLK 8127	1040	09/13/2025	09/12/2026
DC Power Supply	HILA	DP-3003N	11233K1019035	03/24/2025	03/23/2026
Pulse Limiter	SCHWARZBECK	VTSD 9561F-N	793	06/22/2025	06/21/2026
Test Software	Audix	e3	Ver. 9.210616	N.C.R	N.C.R

NOTE: N.C.R refers to Not Calibrated Required.

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5 REGULATORY REQUIREMENTS

5.1 Emission Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz.

5.2 Duty Cycle

Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle.

All duty cycle is pre-scanned, and result as obtained below shows only the most representative ones where duty cycle is conducted as the given transmission with given virtual operation that expresses the percentage.

5.3 Maximum Output Power

FCC

For systems using digital modulation in the 2400-2483.5 MHz bands, the limit for peak output power is 1Watt.

If the transmitting antenna of directional gain greater than 6dBi are used the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the Antenna exceeds 6dBi.

ISED

For systems using digital modulation in the 2400-2483.5 MHz bands, the limit for peak output power is 1Watt and the e.i.r.p. shall not exceed 4 W.

5.4 Maximum Power Spectral Density

The power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3 kHz band during any time interval of continuous transmission.

The power spectral density shall be determined using the same method as is used to determine the maximum conducted output power.

5.5 Out of Band Emission

For emissions in non-restricted frequency bands, 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, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

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5.6 Unwanted Emissions

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, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

In addition, radiated emissions which fall in the restricted bands must also comply with the applicable radiated emission limits as defined in the general emission limit tables.

Moreover, for an intentional radiator operating below 10 GHz, the frequency range of measurements shall extend up to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.

Frequency (MHz)	Field strength (microvolts/meter)	Distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	2400/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Note: The lower limit shall apply at the transition frequencies.

5.7 AC Power Line Conducted Emission

Frequency range within 150kHz to 30MHz shall not exceed the Limit table as below.

Frequency range MHz	Limits (dBμV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50

Note

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

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5.8 Antenna Requirement

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.

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6 TEST CONFIGURATION

6.1 Emission Bandwidth



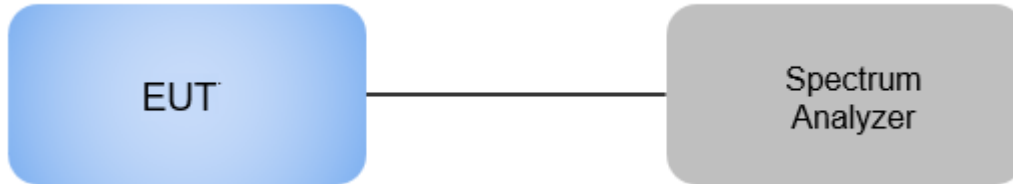
1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. 6dB BW measurements
The testing is performed in accordance with the applicable regulatory measurement procedure.
Set the spectrum analyzer as
RBW= 1% to 5% of the OBW but not less than 100 kHz,
VBW $\geq 3 \times$ RBW,
Span= 2 to 5 times of the OBW,
Sweep=Auto, Detector = Peak, and Trace mode = Max Hold.
Use the X dB bandwidth mode function of the spectrum analyzer and set to 6dB.
Repeat above procedures until all test default channel is completed.
4. 99% BW measurements
The testing is performed in accordance with the applicable regulatory measurement procedure.
Set the spectrum analyzer as
RBW= 1 % to 5% of 99% without going below 10kHz,
VBW $\geq 3 \times$ RBW,
Span= 1.5 to 5 times of the OBW,
Sweep=Auto, Detector = Peak, and Trace mode = Max Hold.
Use the 99% power bandwidth function of the spectrum analyzer.
Repeat above procedures until all test default channel is completed.

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6.2 Maximum Output Power

6.2.1 Duty Cycle



Place the EUT on the table and set it in transmitting mode.

Set the spectrum analyzer as

Center Frequency = fundamental frequency

Span = Zero,

RBW = 8 MHz,

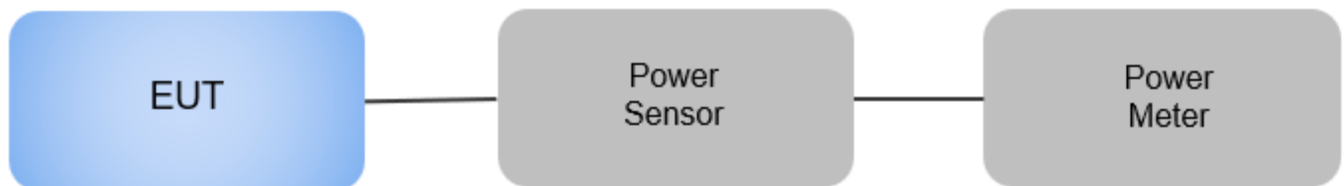
VBW = 8 MHz,

Detector = Peak,

Allow trace to fully stabilize.

Use the delta marker function to determine the ON and OFF times.

6.2.2 Maximum Output Power



1. The testing is performed in accordance with the applicable output power measurement procedure.
2. Place the EUT on the table and set it to transmit mode.
3. Remove the antenna from the EUT and connect a low-loss RF cable from the antenna port to the power meter.
4. The power meter is used as auxiliary test equipment to conduct the output power measurement. Record the maximum reading as observed from the spectrum analyzer or power meter.

Note: The duty cycle factor is compensated to obtain the maximum value of measurement in average.

Note: When the antenna gain is greater than 6 dBi, the power limit attenuated accordingly.

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6.3 Maximum Power Spectral Density



The test is conducted in accordance with the applicable regulatory measurement procedure.

Set spectrum analyzer center frequency to DTS channel center frequency.

Set the span > 1.5 times the DTS channel bandwidth.

Set the RBW = 3 kHz and VBW = 10 kHz.

Detector = Peak

Sweep time = Auto Couple.

Trace mode = Max Hold.

Allow trace to fully stabilize.

Use the peak marker function to determine the maximum amplitude level.

6.4 Out of Band Emission



6.4.1 Reference Level of Emission Limit

The testing is performed in accordance with the applicable measurement procedure.

Set the analyzer center frequency to the DTS channel center frequency.

Set the span to 1.5 times the DTS channel bandwidth.

Set RBW = 100 kHz and VBW = 300 kHz.

Detector = peak

Sweep time = Auto Couple.

Trace mode = Max Hold.

Allow the trace to fully stabilize.

Use the peak marker function to determine the maximum amplitude level.

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6.4.2 Conducted Band Edge

1. The testing is performed in accordance with the applicable measurement procedure.
2. Connect the antenna port of the EUT to the spectrum analyzer.
3. Remove the antenna from the EUT and connect a low-loss RF cable from the antenna port to the spectrum analyzer.
4. Set the start frequency and stop frequency of the spectrum analyzer to encompass the spectrum to be examined.
5. Configure the spectrum analyzer as follows:
RBW = 100 kHz
VBW = 300 kHz
Detector = Peak
Sweep = Auto
Mark the highest reading of the emission as the reference level.
Set the display limit as: reference level marker reading -20 dBm.
Mark the highest emissions observed outside of the 2400 MHz to 2483.5 MHz band.
6. Repeat the above procedure for each default test channel (low, middle, and high).

6.4.3 Conducted Spurious Emission

1. The testing is performed in accordance with the applicable measurement procedure.
2. Connect the antenna port of the EUT to the spectrum analyzer.
3. Configure the spectrum analyzer as follows:
RBW = 100 kHz
VBW = 300 kHz
Detector = Peak
Sweep = Auto.
Allow the trace to fully stabilize.
Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental emission bandwidth (EBW).
4. Repeat the above procedures until all default test channels (low, middle, and high) have been measured.

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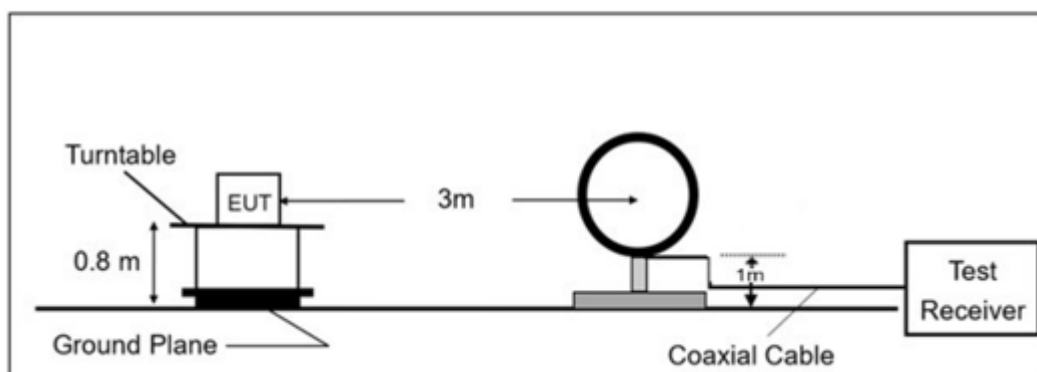
6.5 Unwanted Emissions

For Measurements From 9 kHz To 30 MHz

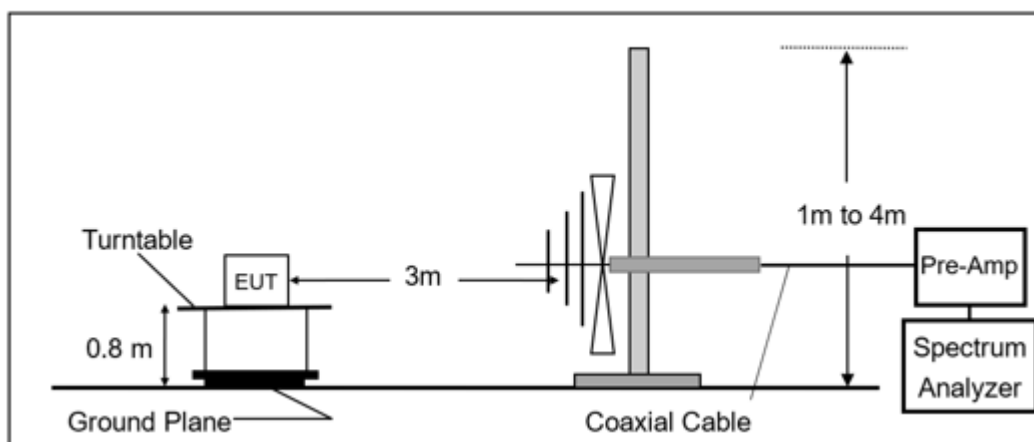
Radiated emission below 30MHz is measured in a 9m*6m*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

Radiated Emission Test Set-Up, Frequency Below 30MHz.



Radiated Emission Test Set-Up, Frequency From 30MHz to 1000MHz.



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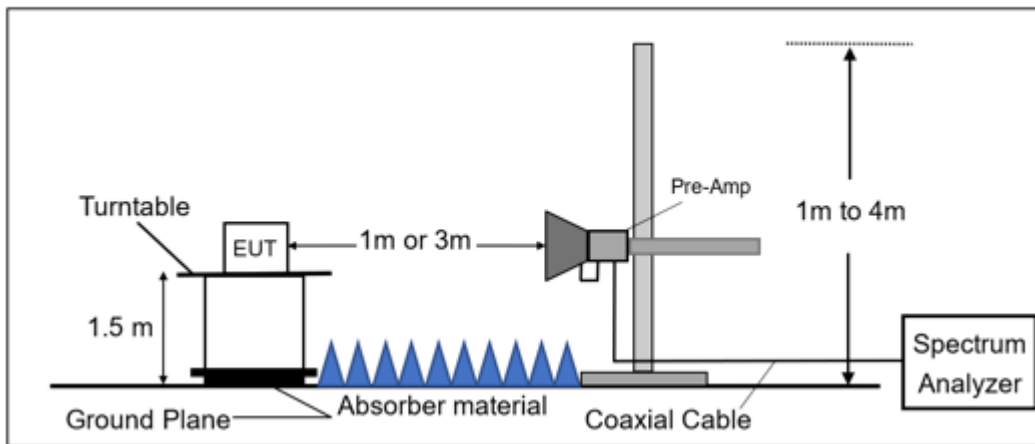
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Radiated Emission Test Set-Up, Frequency Above 1GHz.



1. The testing was performed in accordance with the applicable radiated emission measurement procedure.
2. The EUT was placed on a turntable at a height of 0.8 m for frequencies below 1 GHz and 1.5 m for frequencies above 1 GHz.
3. The turntable was rotated 360 degrees to determine the position of the maximum emission level.
4. The EUT was positioned 3 meters away from the receiving antenna, which was varied in height from 1 m to 4 m to locate the highest emissions.
5. For measurements below 30MHz, set the spectrum analyzer as
 - ☒ For Peak measurement
 - RBW=10 kHz
 - VBW=30 kHz
 - Detector = peak
 - Trace mode = max-hold
 - ☒ For Quasi-peak measurement in receiver mode
 - RBW=10 kHz
 - Detector = Quasi-Peak
 - Peak detection is used unless otherwise noted as quasi-peak.
6. For measurements in 30MHz to 1GHz, set the spectrum analyzer as
 - ☒ For Peak measurement
 - RBW=100 kHz
 - VBW=300 kHz
 - Detector = peak
 - Trace mode = max-hold
 - ☒ For Quasi-peak measurement in receiver mode
 - RBW=120 kHz
 - Detector = Quasi-Peak
 - Peak detection is used unless otherwise noted as quasi-peak.

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7. For measurements above 1GHz, set the spectrum analyzer as
 - ☒ For Peak measurement:
 - RBW=1 MHz
 - VBW=3 MHz
 - Detector = peak
 - Trace mode = max-hold
 - ☒ For Average measurement:
 - ☒ Duty cycle $\geq 98\%$:
 - RBW=1 MHz
 - VBW=3 MHz
 - Detector = Power averaging (rms)
 - trace average was performed over at least 100 traces
 - ☒ Duty cycle $< 98\%$
 - RBW=1 MHz
 - VBW $\geq 1/T$
 - Detector = peak
 - Trace mode = max-hold
 - ☐ Duty cycle $< 98\%$
 - RBW=1 MHz
 - VBW ≥ 3 MHz
 - Detector = Power averaging (rms)
 - trace average was performed over at least 100 traces
 - add Duty cycle factor(dB)
 - ☐ Duty cycle factor (DCF)
 - the average value of pulsed emissions with duty cycle correction factor $20 \log (T_{on}/100ms)$ from the peak measurement
8. When measuring radiated emissions above 1 GHz, the receiving antenna was maintained within the "cone of radiation" and pointed at the emission source in both azimuth and elevation, with polarization oriented for maximum response, ensuring it remained within the 3 dB illumination beamwidth of the measurement antenna.
9. The six highest emissions were fully maximized using the above procedures to ensure EUT compliance.
10. Each emission was further maximized by changing the receiving antenna polarization between horizontal and vertical.
11. Repeat the above procedures until all default test channels (low, middle, and high) are measured.

Note: Emissions from 9 kHz to 30 MHz were pre-scanned and found to be at least 20 dB below the applicable limits, and are therefore not reported.

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6.5.1 Field Strength Calculation

The field strength is calculated by adding the antenna factor and cable loss, then subtracting the amplifier gain and any applicable duty cycle correction factor from the measured reading. The basic equation and an example calculation are as follows:

$$FS = RA + AF + CL - AG$$

Where:

FS = Field Strength (dB μ V/m)
RA = Reading Amplitude (dB μ V)
AF = Antenna Factor (dB/m)
CL = Cable Loss (dB)
AG = Amplifier Gain (dB)

The emission limit is expressed in dB μ V/m, which corresponds to the logarithmic conversion of $20 \times \log_{10} (\mu\text{V/m})$.

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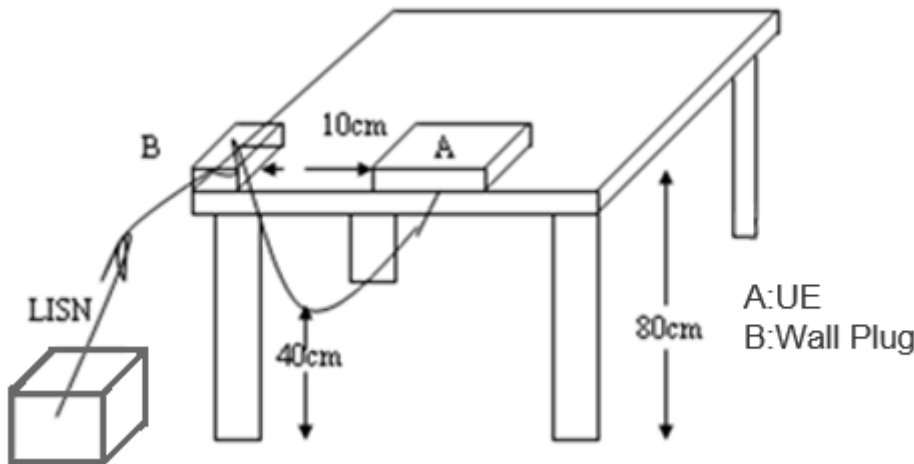
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6.6 AC Power Line Conducted Emission



1. The conducted emission tests were performed at the designated test site using a setup in accordance with ANSI_C63.10
2. The EUT was placed on a non-conductive table that is 0.8 meters above the ground plane. Conducted emissions were measured in the frequency range from 0.15 MHz to 30 MHz using CISPR Quasi-Peak and Average detector modes. The two LISNs provided 50 μ H / 50 ohm coupling impedance for the measuring instrument. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
3. The AC/DC power adaptor of the EUT was connected to the LISN. The EUT was positioned flush with the rear edge of the table, with a minimum 0.4-meter distance from the shielding wall.
4. The LISNs were connected to the power source and configured according to the test requirements.
5. The maximum emission levels were investigated for each mode of operation. The six highest emissions were further maximized to ensure compliance.
6. The above procedures were repeated for all power supply configurations of the EUT.

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7 TEST RESULTS

7.1 Emission Bandwidth

802.11b_Ch0

Freq. (MHz)	99% BW (MHz)	6dB BW (kHz)	6dB BW Limit (kHz)	Result
2412	14.089	9213	≥ 500	PASS
2437	14.075	9209	≥ 500	PASS
2462	14.070	9208	≥ 500	PASS

802.11g_Ch0

Freq. (MHz)	99% BW (MHz)	6dB BW (kHz)	6dB BW Limit (kHz)	Result
2412	16.898	16430	≥ 500	PASS
2437	16.893	16440	≥ 500	PASS
2462	16.895	16440	≥ 500	PASS

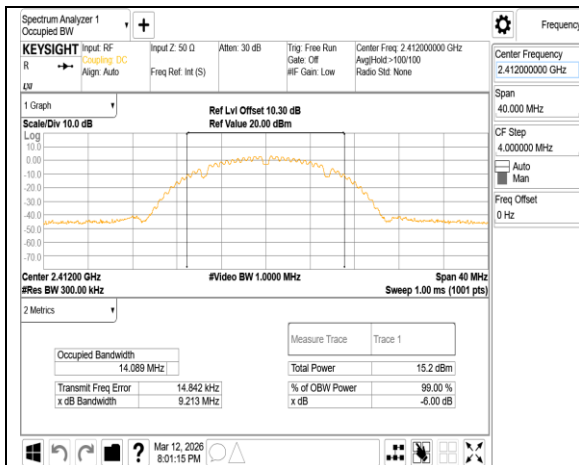
802.11n_HT20_Ch0

Freq. (MHz)	99% BW (MHz)	6dB BW (kHz)	6dB BW Limit (kHz)	Result
2412	17.964	17670	≥ 500	PASS
2437	17.970	17670	≥ 500	PASS
2462	17.971	17670	≥ 500	PASS

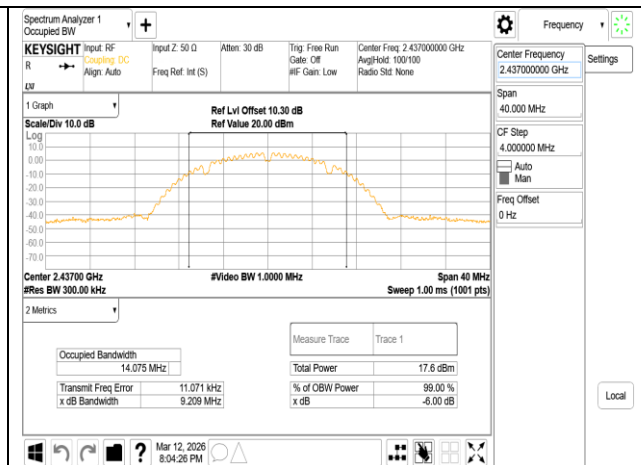
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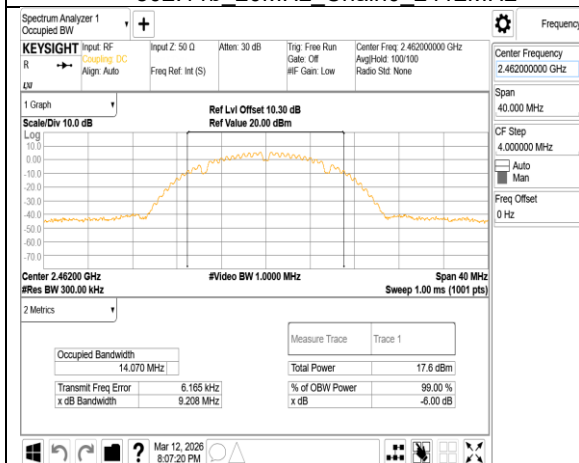
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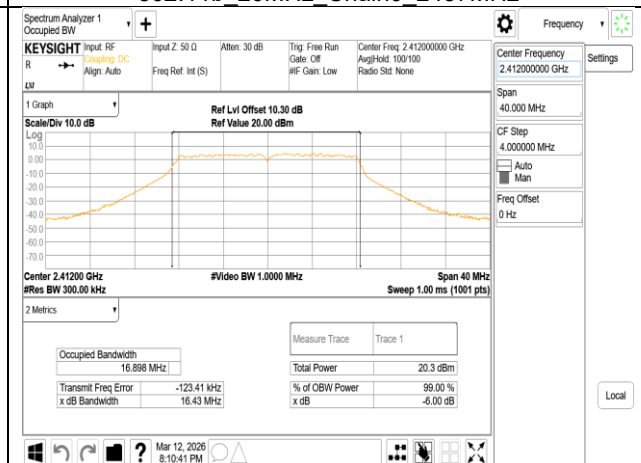
802.11b 20MHz Chain0 2412MHz



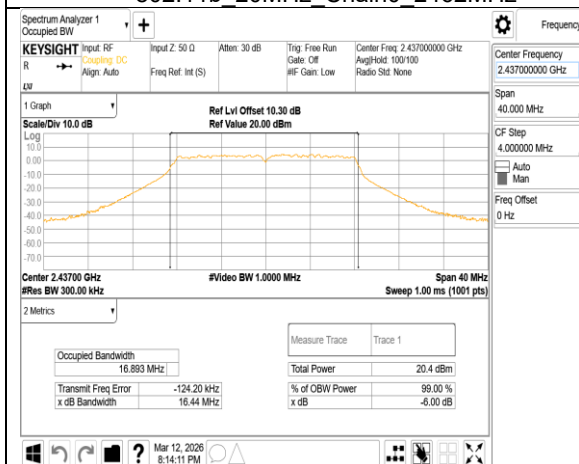
802.11b 20MHz Chain0 2437MHz



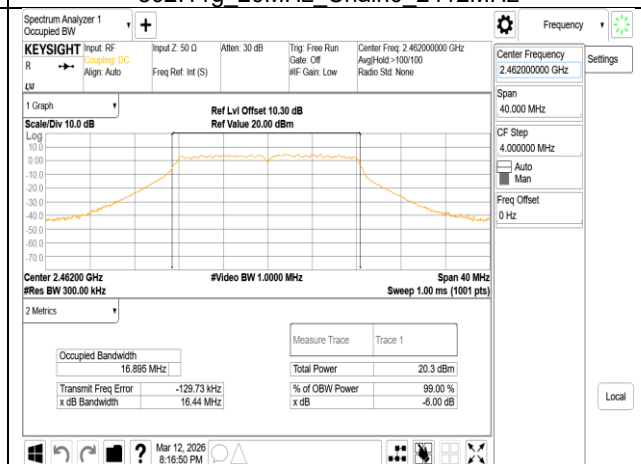
802.11b 20MHz Chain0 2462MHz



802.11g 20MHz Chain0 2412MHz



802.11g 20MHz Chain0 2437MHz

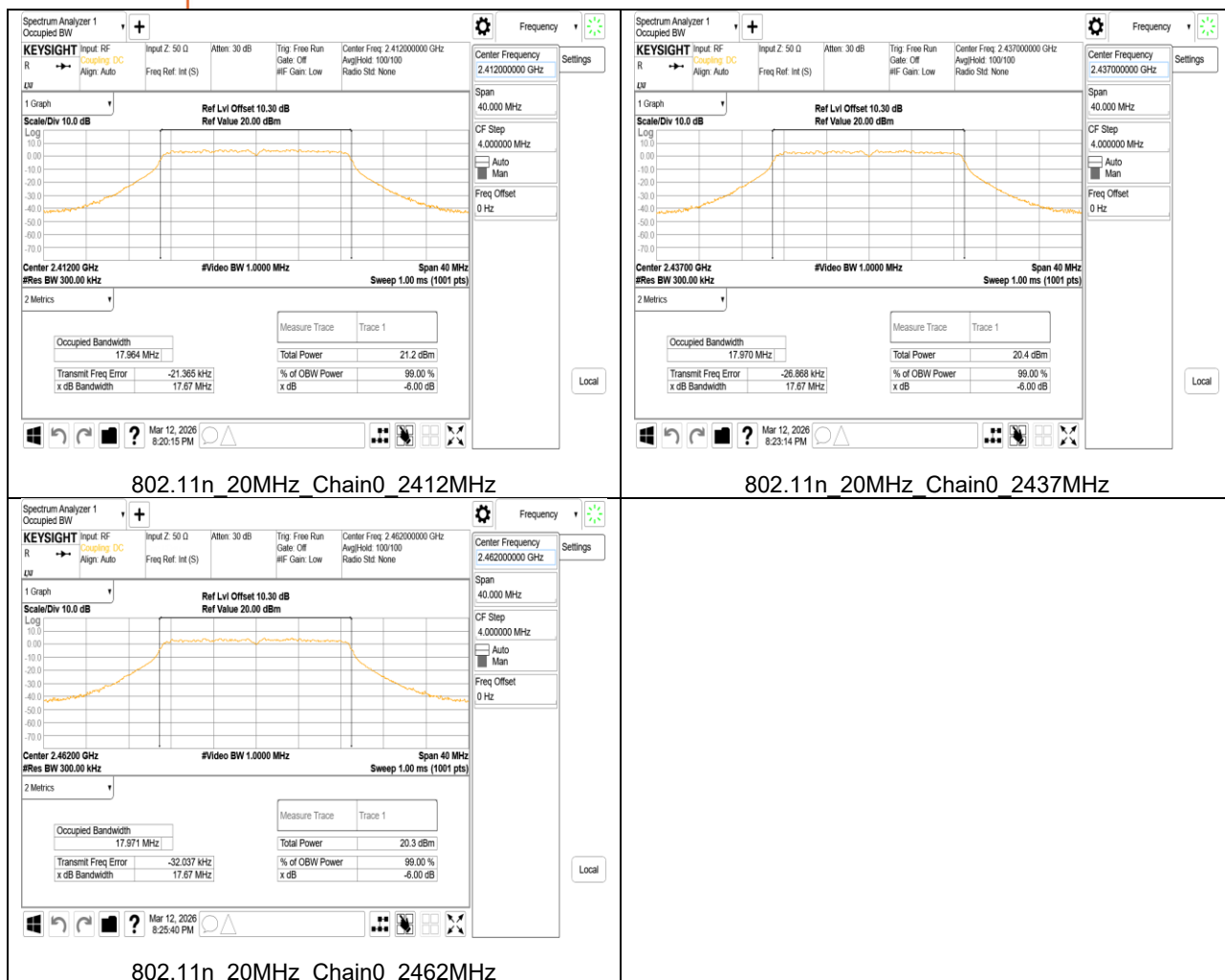


802.11g 20MHz Chain0 2462MHz

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7.2 Duty Cycle

Mode	Duty Cycle (%) = Ton / (Ton+Toff)	Duty Factor (dB) =10*log (1/Duty Cycle)	1/T (kHz)	VBW setting (kHz)
802.11b	100.00	0.00	0.00	0.01
802.11g	100.00	0.00	0.00	0.01
802.11n_20	100.00	0.00	0.00	0.01

7.2.1 Duty Cycle test plots



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7.3 Maximum Output Power

802.11b_Ch0							
CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	1	70	43.15	16.35	30.00	PASS
6	2437	1	70	44.67	16.50	30.00	PASS
11	2462	1	69	44.67	16.50	30.00	PASS

802.11b_Ch0							
CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	1	70	23.88	13.78	30.00	PASS
6	2437	1	70	24.66	13.92	30.00	PASS
11	2462	1	69	24.72	13.93	30.00	PASS

802.11g_Ch0							
CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	6	84	238.23	23.77	30.00	PASS
6	2437	6	83	231.21	23.64	30.00	PASS
11	2462	6	82	228.03	23.58	30.00	PASS

802.11g_Ch0							
CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	6	84	24.72	13.93	30.00	PASS
6	2437	6	83	24.49	13.89	30.00	PASS
11	2462	6	82	24.21	13.84	30.00	PASS

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802.11n_HT20_Ch0

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	84	210.86	23.24	30.00	PASS
6	2437	MCS0	83	197.24	22.95	30.00	PASS
11	2462	MCS0	82	203.70	23.09	30.00	PASS

802.11n_HT20_Ch0

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	84	24.38	13.87	30.00	PASS
6	2437	MCS0	83	23.88	13.78	30.00	PASS
11	2462	MCS0	82	24.15	13.83	30.00	PASS

7.3.1 EIRP

802.11b_Ch0

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
1	2412	1	13.78	3.34	17.12	36	PASS
6	2437	1	13.92	3.34	17.26	36	PASS
11	2462	1	13.93	3.34	17.27	36	PASS

802.11g_Ch0

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
1	2412	6	13.93	3.34	17.27	36	PASS
6	2437	6	13.89	3.34	17.23	36	PASS
11	2462	6	13.84	3.34	17.18	36	PASS

802.11n_HT20_Ch0

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	13.87	3.34	17.21	36	PASS
6	2437	MCS0	13.78	3.34	17.12	36	PASS
11	2462	MCS0	13.83	3.34	17.17	36	PASS

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7.4 Maximum Power Spectral Density

POWER DENSITY 802.11b MODE				
Freq. (MHz)	Ch0 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-18.23	-18.23	8.00	PASS
2437	-15.79	-15.79	8.00	PASS
2462	-15.78	-15.78	8.00	PASS

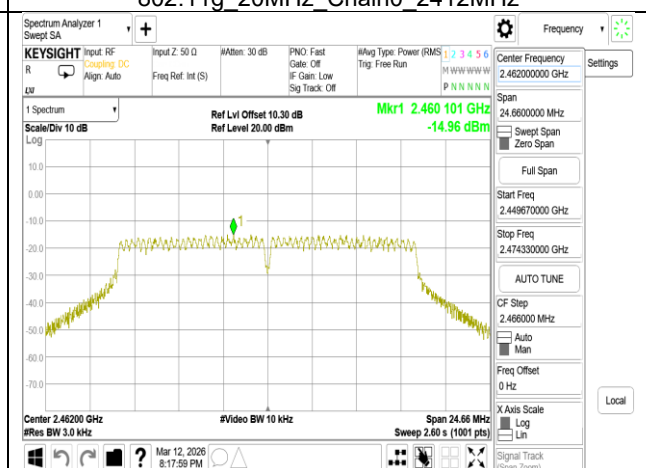
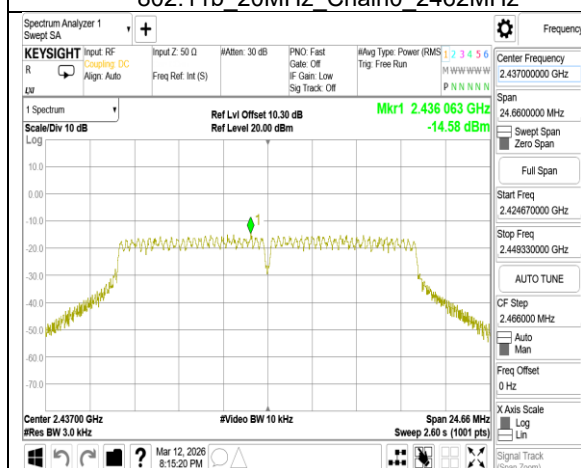
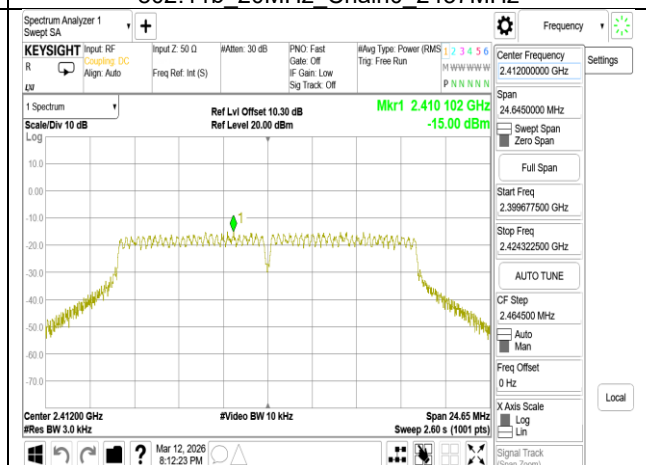
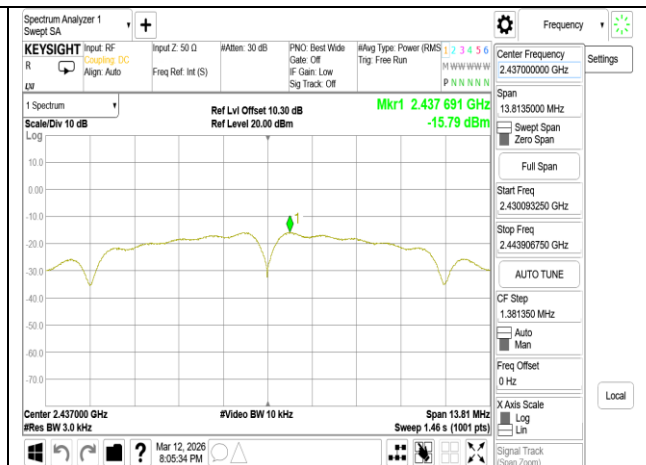
POWER DENSITY 802.11g MODE				
Freq. (MHz)	Ch0 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-15	-15.00	8.00	PASS
2437	-14.58	-14.58	8.00	PASS
2462	-14.96	-14.96	8.00	PASS

POWER DENSITY 802.11n HT20 MODE				
Freq. (MHz)	Ch0 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-13.74	-13.74	8.00	PASS
2437	-14.48	-14.48	8.00	PASS
2462	-14.68	-14.68	8.00	PASS

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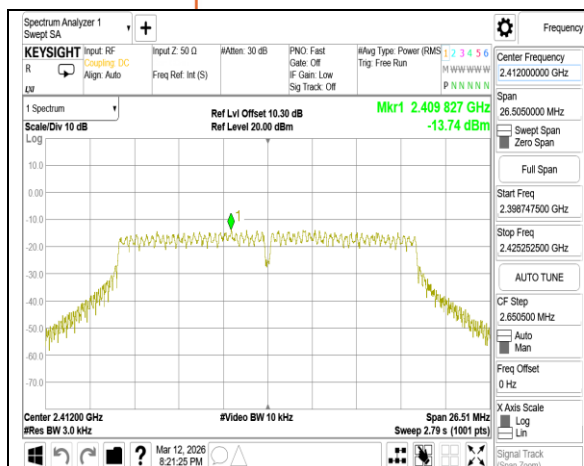
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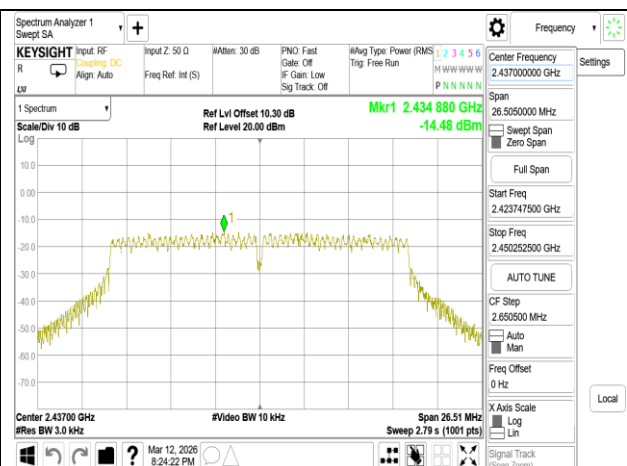
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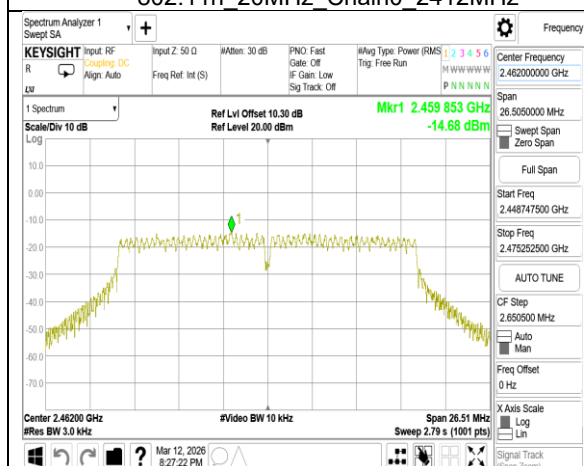
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802.11n_20MHz_Chain0_2412MHz



802.11n_20MHz_Chain0_2437MHz



802.11n_20MHz_Chain0_2462MHz

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7.5 Out of Band Emission

7.5.1 Reference Level

802.11b_Ch0

Reference Level of Limit		
Freq. (MHz)	PSD (dBm)	Reference Level of Limit (dBm)
2412	1.82	-18.18
2437	4.25	-15.75
2462	4.18	-15.82

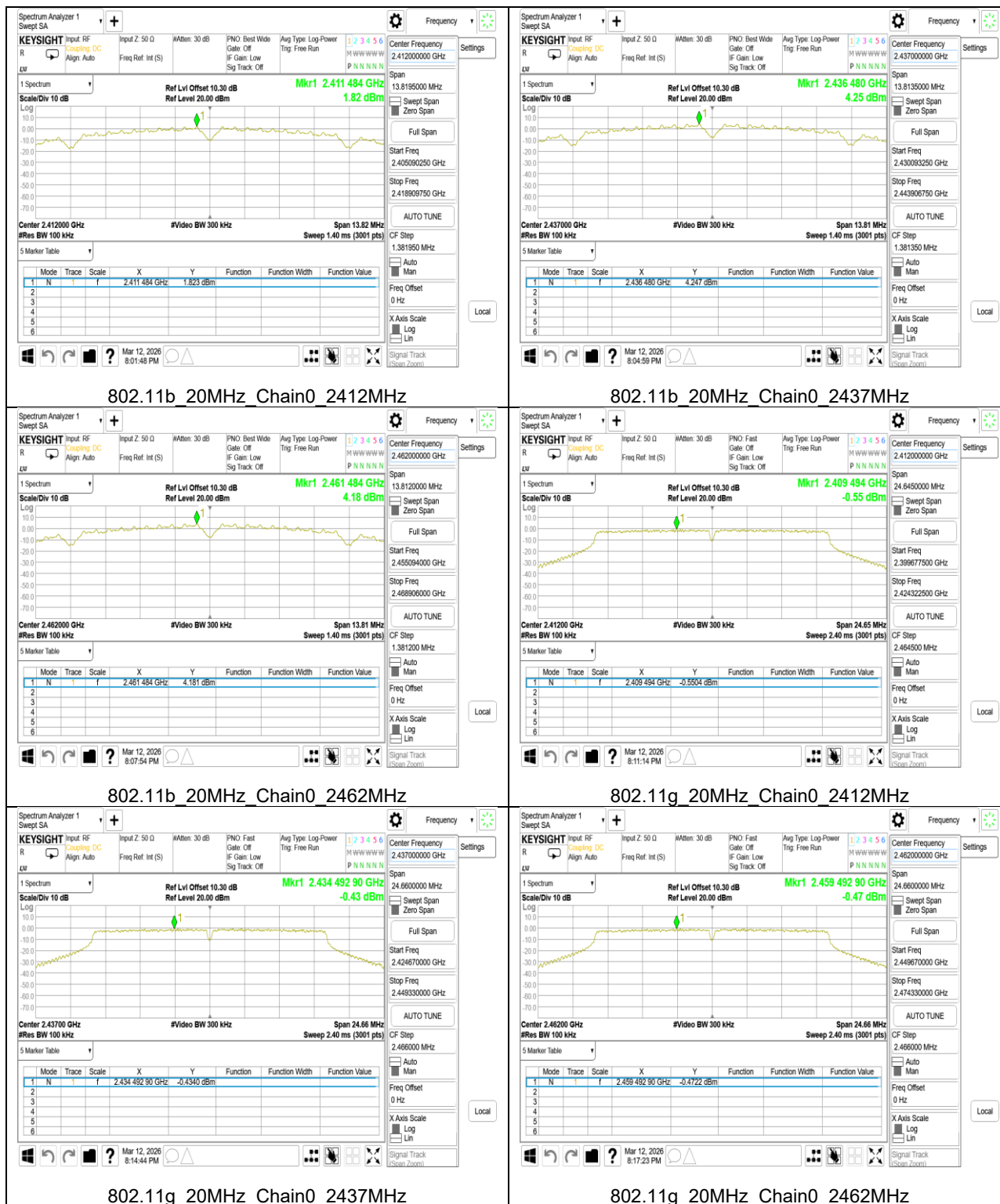
802.11n_HT20_Ch0

Reference Level of Limit		
Freq. (MHz)	PSD (dBm)	Reference Level of Limit (dBm)
2412	0.64	-19.36
2437	-0.15	-20.15
2462	-0.17	-20.17

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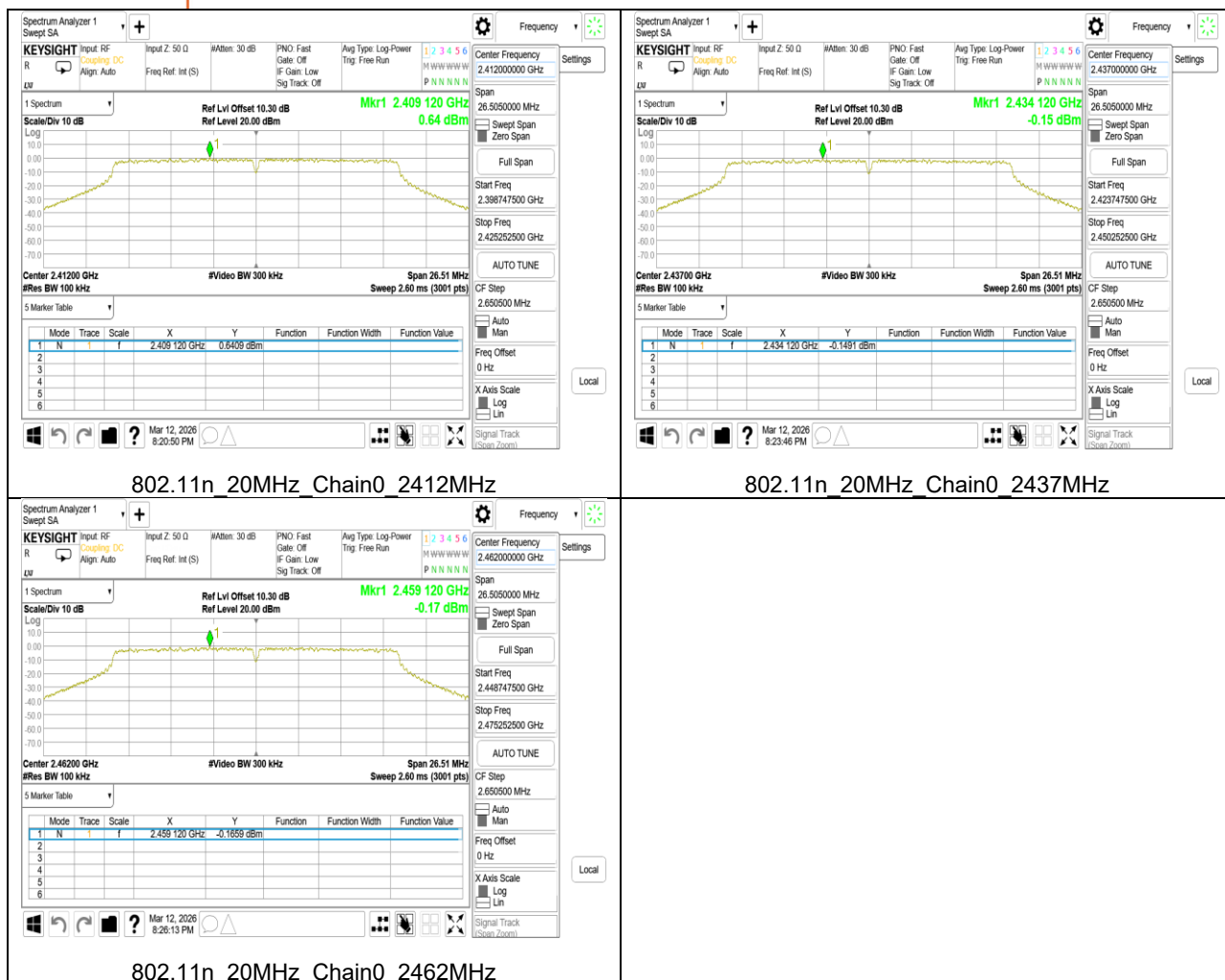
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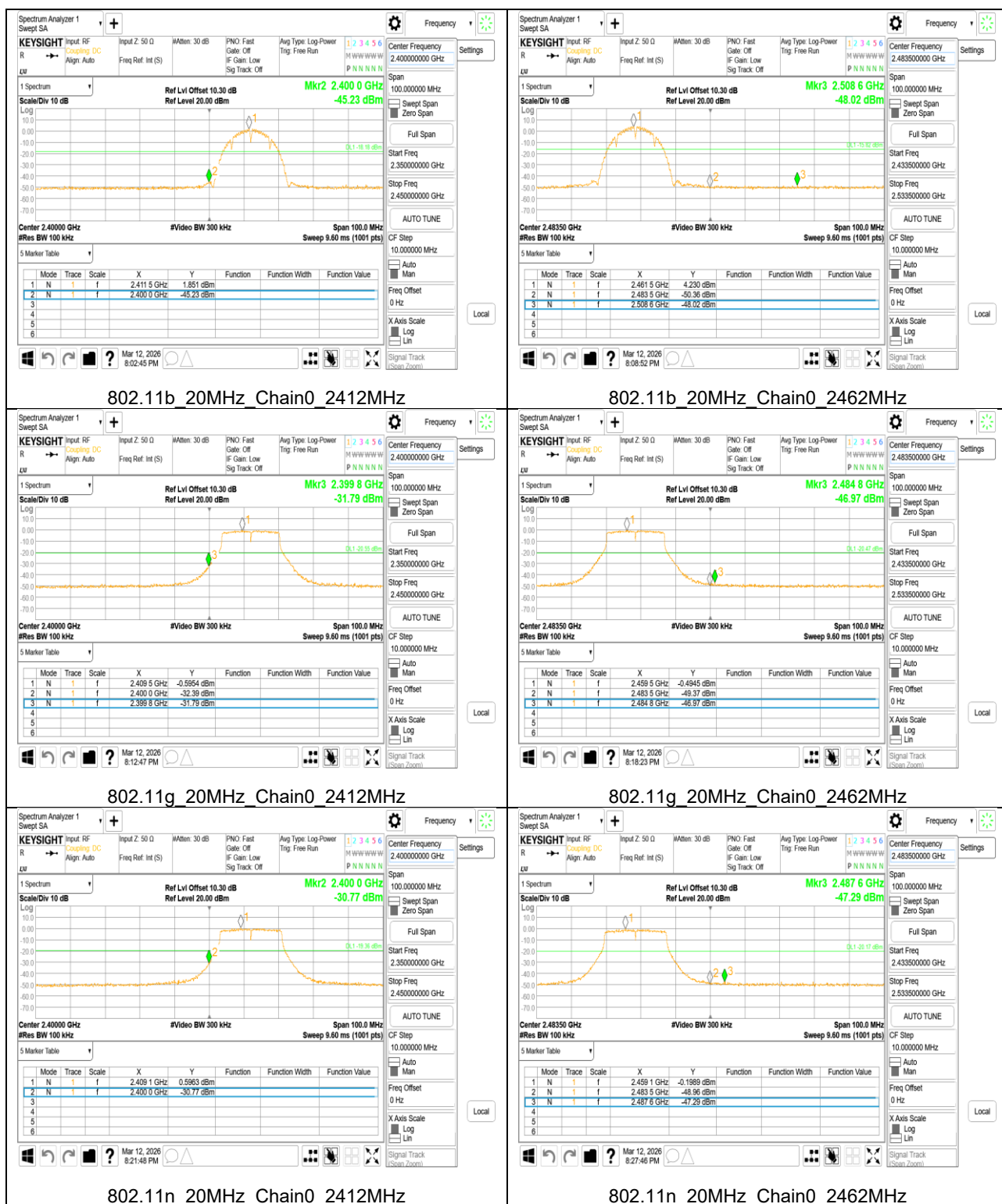


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7.5.2 Conducted Band Edge

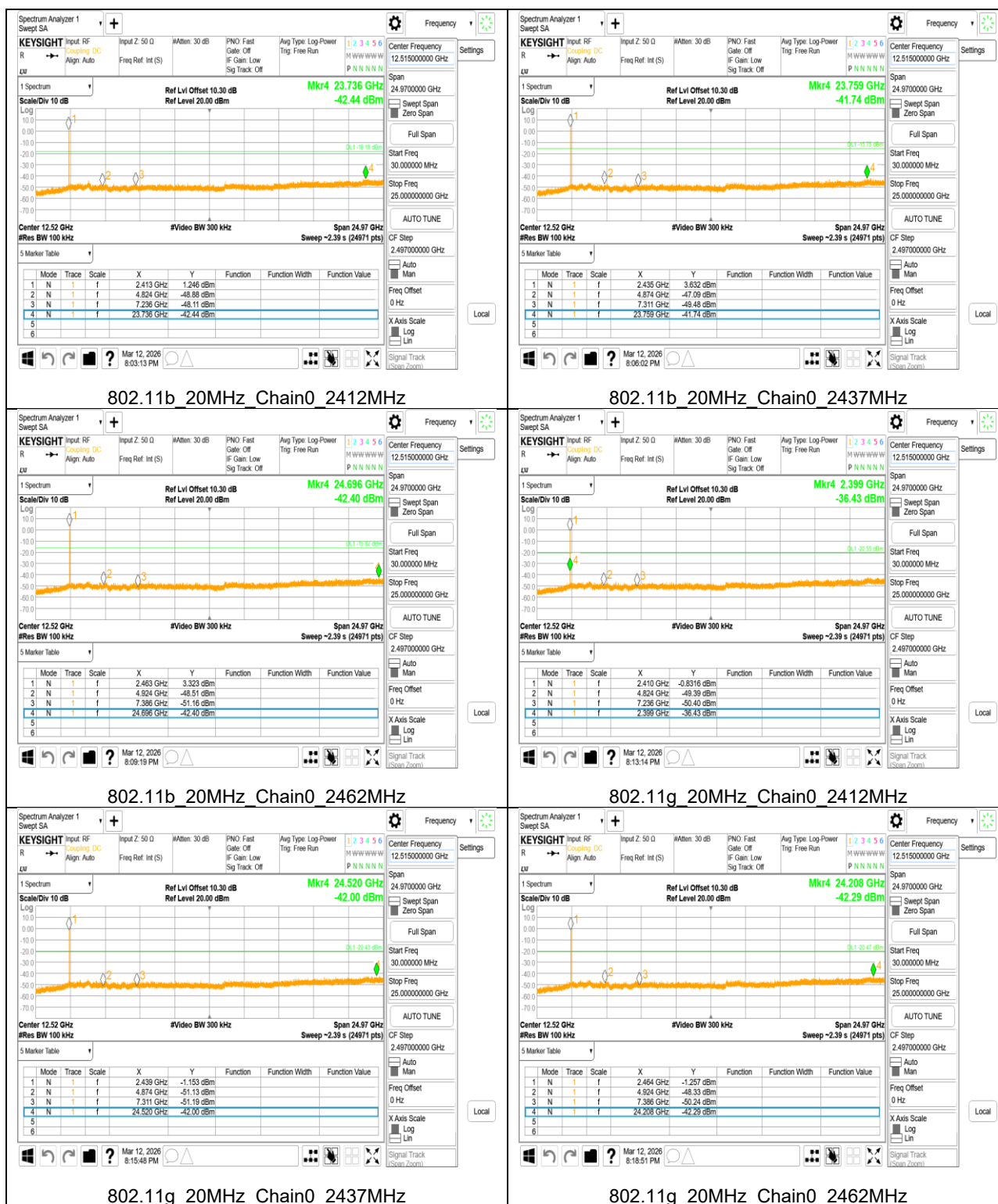


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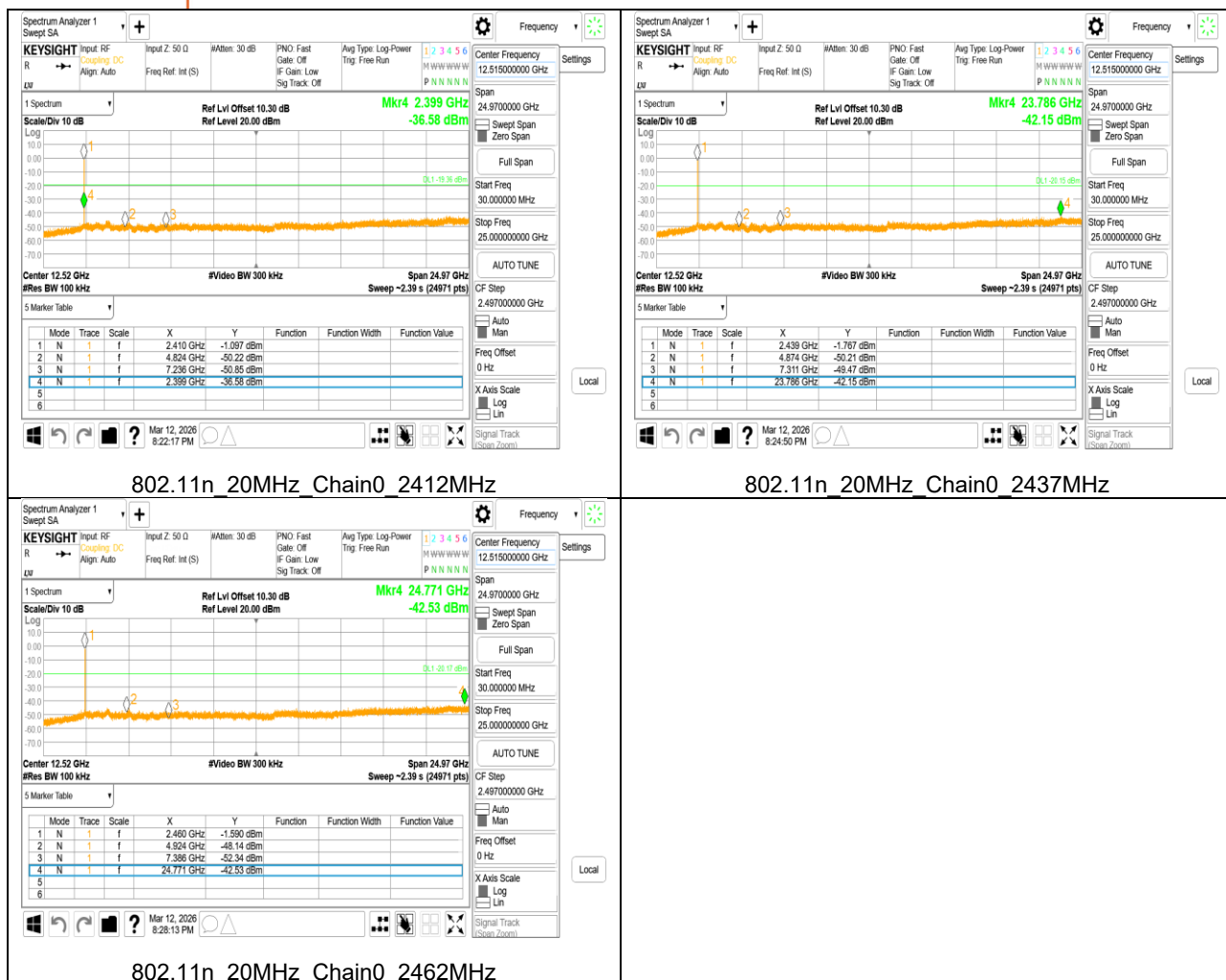
7.5.3 Conducted Spurious Emission



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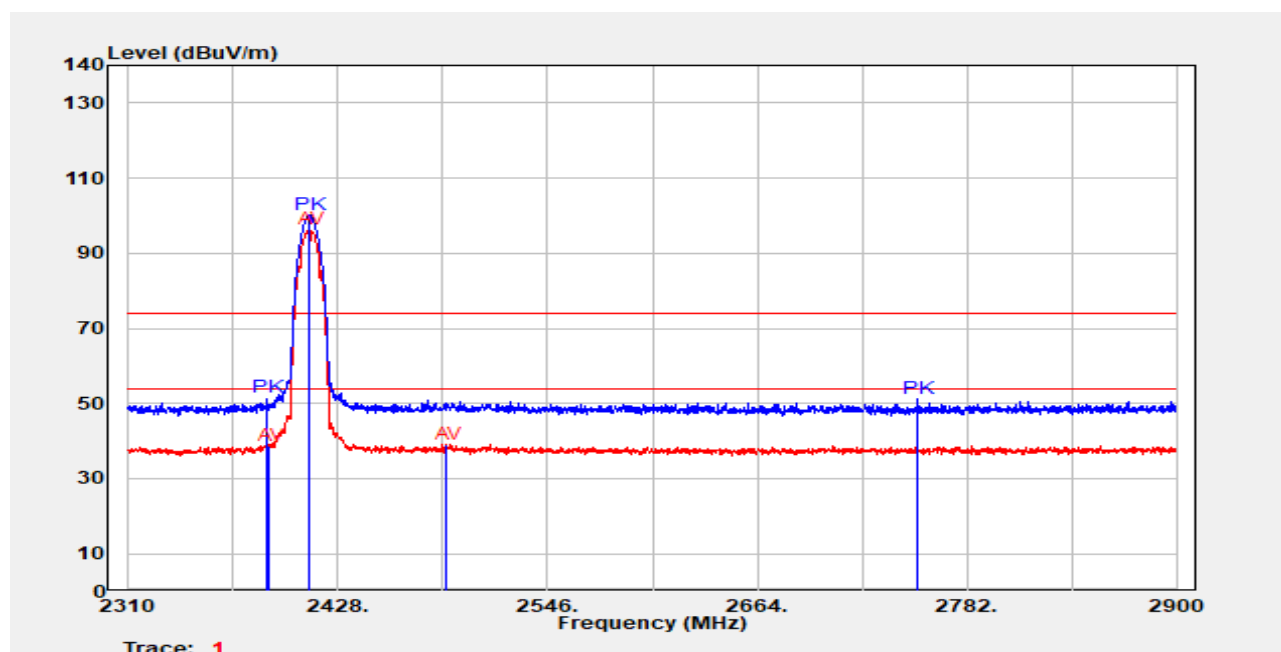
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7.6 Unwanted Emissions

7.6.1 Radiated Band Edge Measurement Result

Report Number :TERF2603000777ER
 Operation Mode :802.11b
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



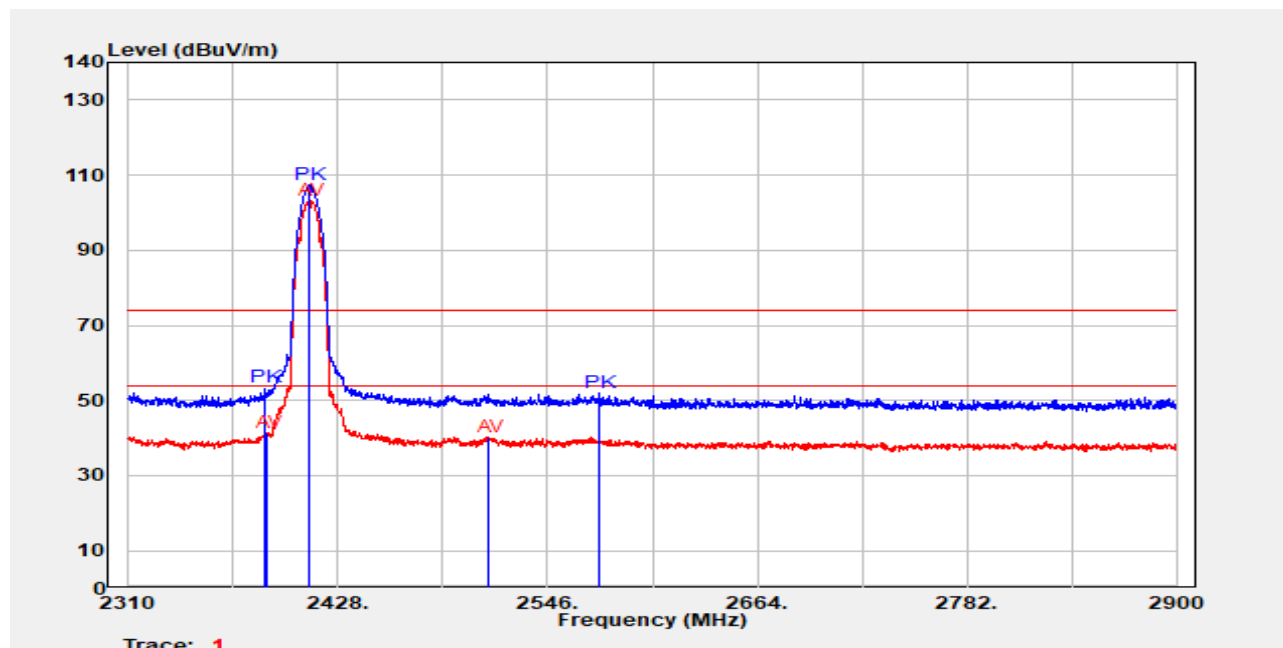
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.30	Peak	55.45	-3.72	51.73	74.00	-22.27
2389.48	Average	42.48	-3.71	38.77	54.00	-15.23
2412.10	Peak	104.01	-3.69	100.32	-	-
2412.10	Average	99.95	-3.69	96.26	-	-
2489.22	Average	42.82	-3.60	39.22	54.00	-14.78
2754.42	Peak	54.11	-3.03	51.08	74.00	-22.92

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Report Number :TERF2603000777ER
 Operation Mode :802.11b
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



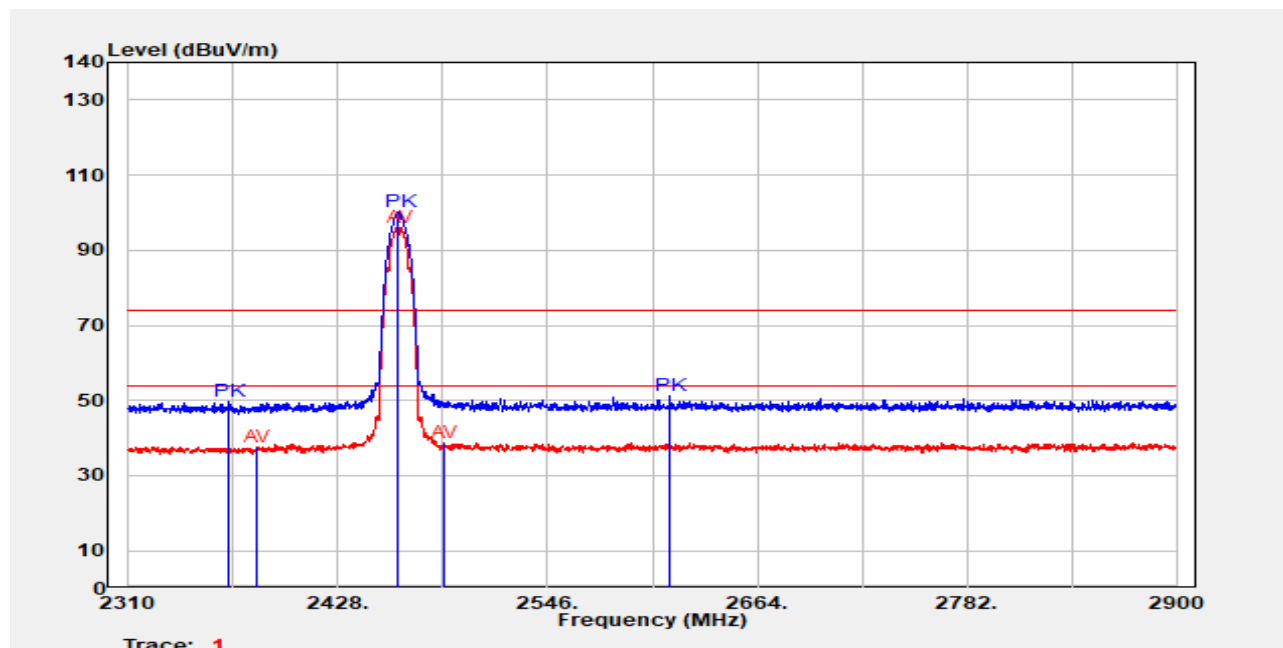
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2386.92	Peak	57.13	-3.72	53.41	74.00	-20.59
2388.10	Average	45.22	-3.72	41.50	54.00	-12.50
2412.10	Peak	111.04	-3.69	107.35	-	-
2412.10	Average	106.99	-3.69	103.30	-	-
2513.03	Average	44.10	-3.75	40.35	54.00	-13.65
2575.00	Peak	55.40	-3.44	51.96	74.00	-22.04

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Report Number :TERF2603000777ER
 Operation Mode :802.11b
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2366.27	Peak	53.26	-3.57	49.69	74.00	-24.31
2382.20	Average	41.53	-3.78	37.75	54.00	-16.25
2462.07	Peak	103.95	-3.81	100.14	-	-
2462.07	Average	99.89	-3.81	96.08	-	-
2487.26	Average	42.30	-3.63	38.67	54.00	-15.33
2614.74	Peak	54.44	-3.28	51.16	74.00	-22.84

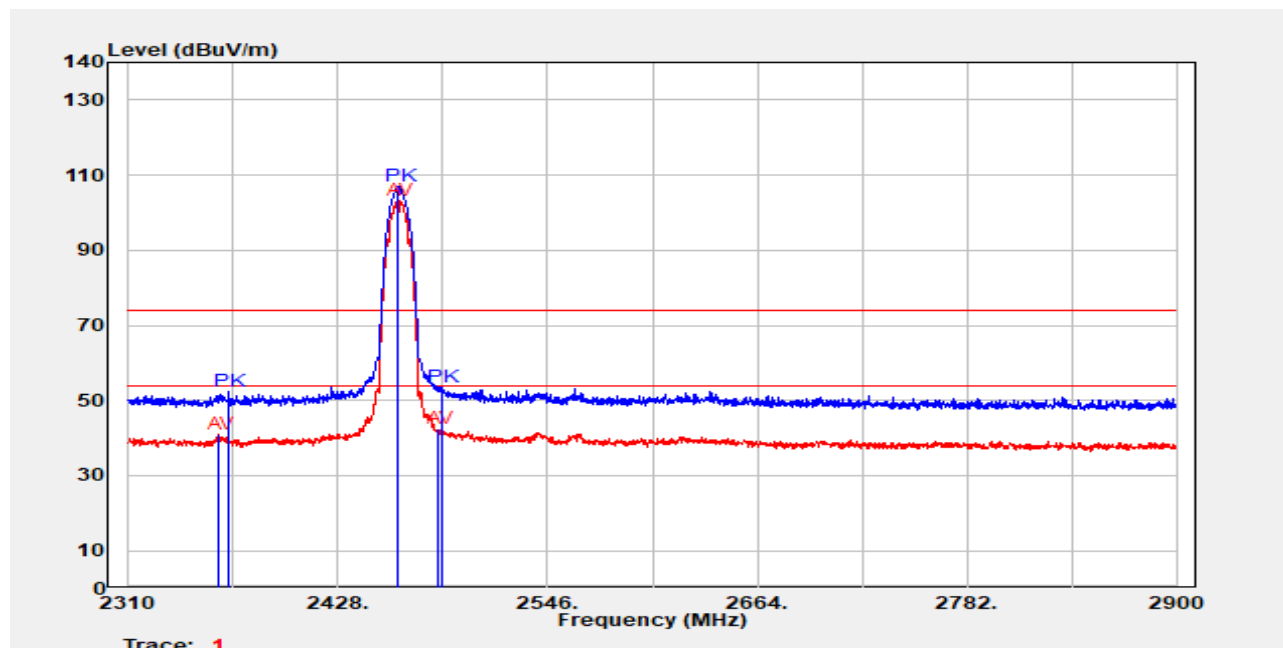
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Report Number :TERF2603000777ER
 Operation Mode :802.11b
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



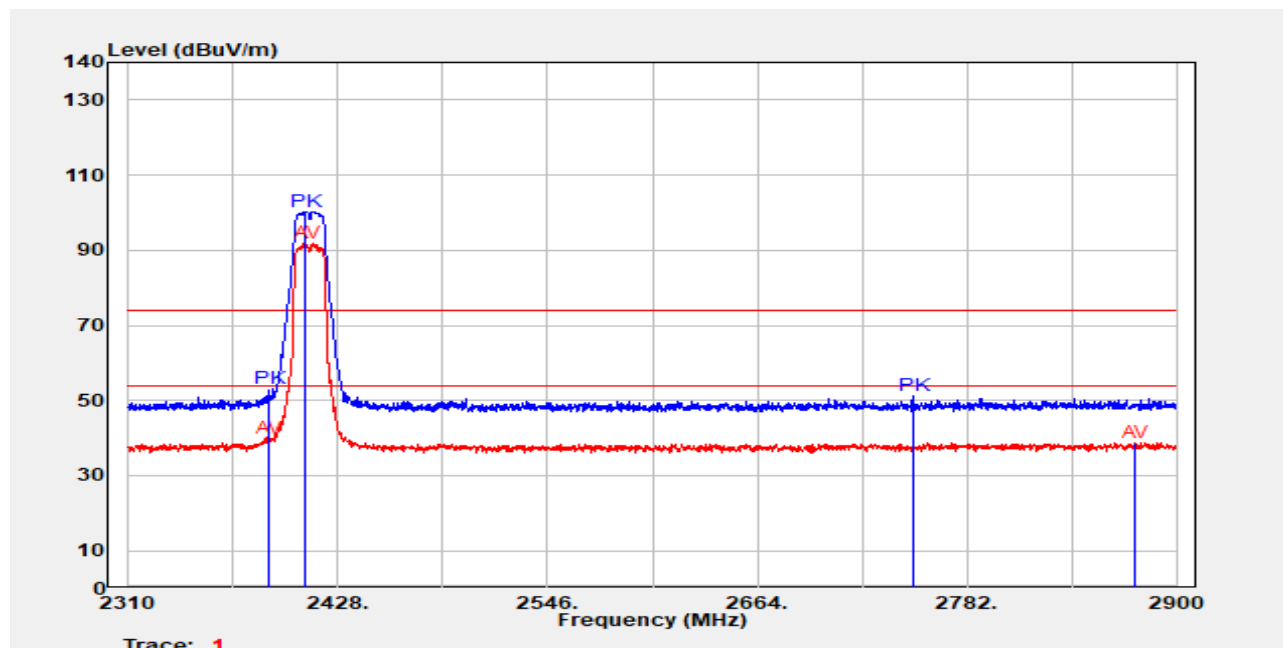
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2360.76	Average	44.35	-3.52	40.83	54.00	-13.17
2366.07	Peak	55.84	-3.57	52.27	74.00	-21.73
2462.07	Peak	110.83	-3.81	107.02	-	-
2462.07	Average	106.84	-3.81	103.03	-	-
2484.50	Average	46.11	-3.70	42.41	54.00	-11.59
2486.67	Peak	57.10	-3.65	53.45	74.00	-20.55

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Report Number :TERF2603000777ER
 Operation Mode :802.11g
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.50	Average	43.72	-3.72	40.00	54.00	-14.00
2389.28	Peak	56.79	-3.71	53.08	74.00	-20.92
2409.55	Peak	103.94	-3.69	100.25	-	-
2409.55	Average	95.63	-3.69	91.94	-	-
2751.47	Peak	54.11	-3.07	51.04	74.00	-22.96
2876.59	Average	41.44	-2.63	38.81	54.00	-15.19

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SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

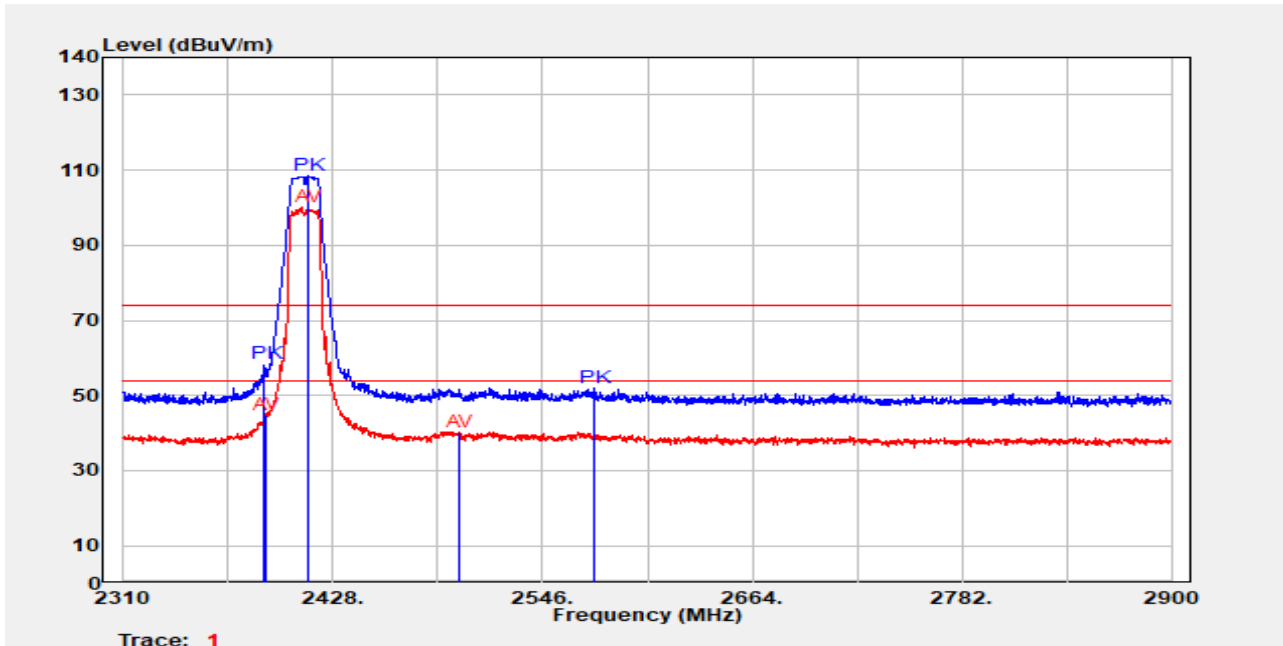
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Member of SGS Group

Report Number :TERF2603000777ER
 Operation Mode :802.11g
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.48	Peak	61.97	-3.71	58.26	74.00	-15.74
2389.87	Average	48.61	-3.70	44.91	54.00	-9.09
2413.88	Peak	112.10	-3.69	108.41	-	-
2413.88	Average	104.01	-3.69	100.32	-	-
2498.47	Average	44.02	-3.66	40.36	54.00	-13.64
2574.41	Peak	55.57	-3.44	52.13	74.00	-21.87

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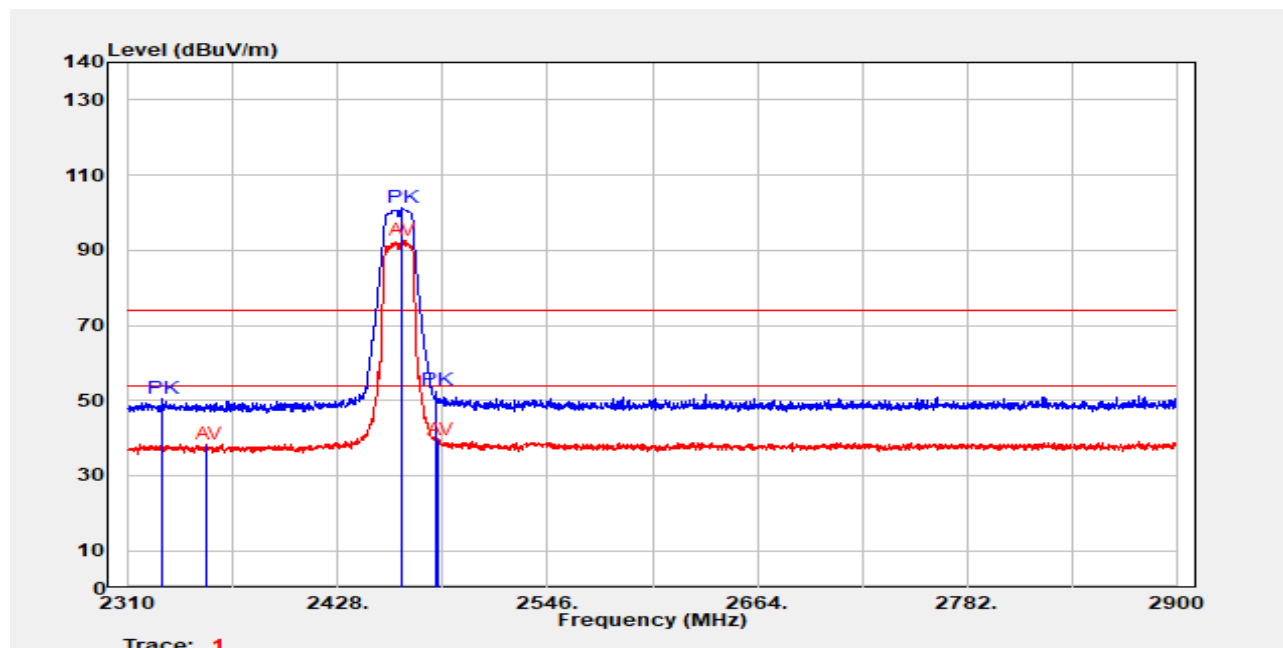
f (886-2) 2298-0488

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Member of SGS Group

Report Number :TERF2603000777ER
Operation Mode :802.11g
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC 2
Test Date :2026-03-12
Temp./Humi. :20.6°C/53%
Antenna Pol. :Vertical
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2328.69	Peak	53.73	-3.41	50.32	74.00	-23.68
2354.07	Average	41.84	-3.51	38.33	54.00	-15.67
2463.85	Peak	105.00	-3.83	101.17	-	-
2463.85	Average	96.37	-3.83	92.54	-	-
2483.50	Peak	56.39	-3.72	52.67	74.00	-21.33
2484.70	Average	43.30	-3.70	39.60	54.00	-14.40

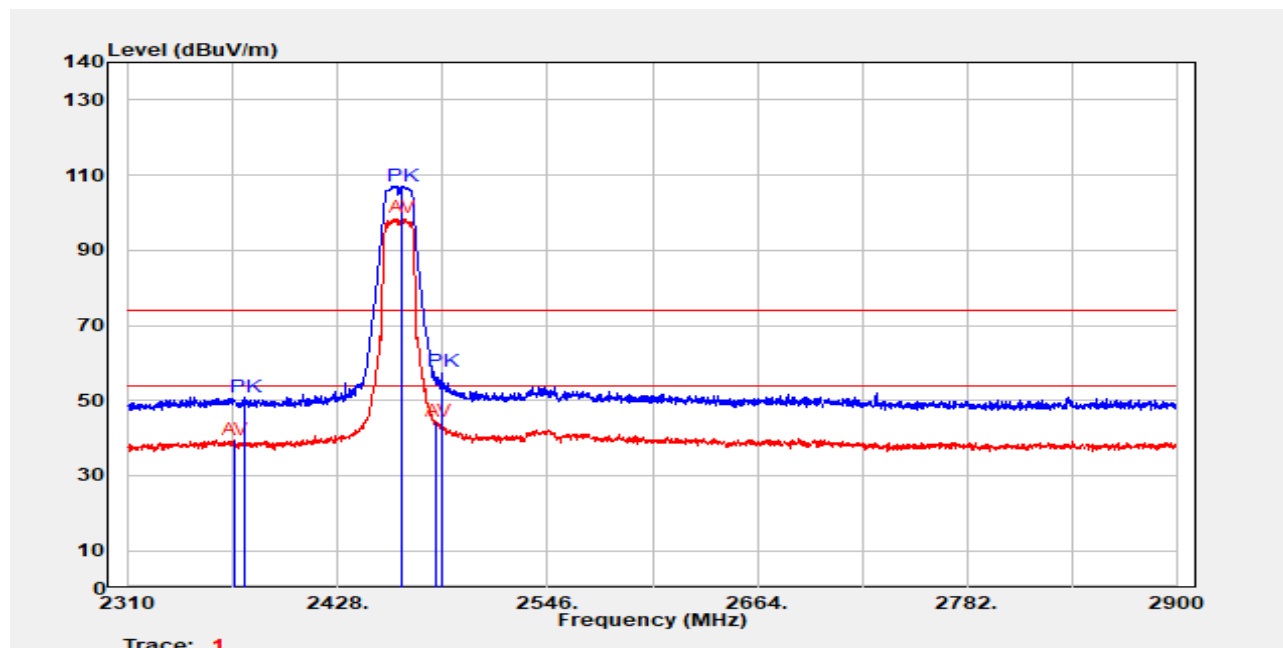
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Report Number :TERF2603000777ER
 Operation Mode :802.11g
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2369.81	Average	43.17	-3.61	39.56	54.00	-14.44
2374.92	Peak	54.40	-3.70	50.70	74.00	-23.30
2463.65	Peak	110.93	-3.83	107.10	-	-
2463.65	Average	102.31	-3.83	98.48	-	-
2483.50	Average	47.99	-3.72	44.27	54.00	-9.73
2486.47	Peak	61.38	-3.65	57.73	74.00	-16.27

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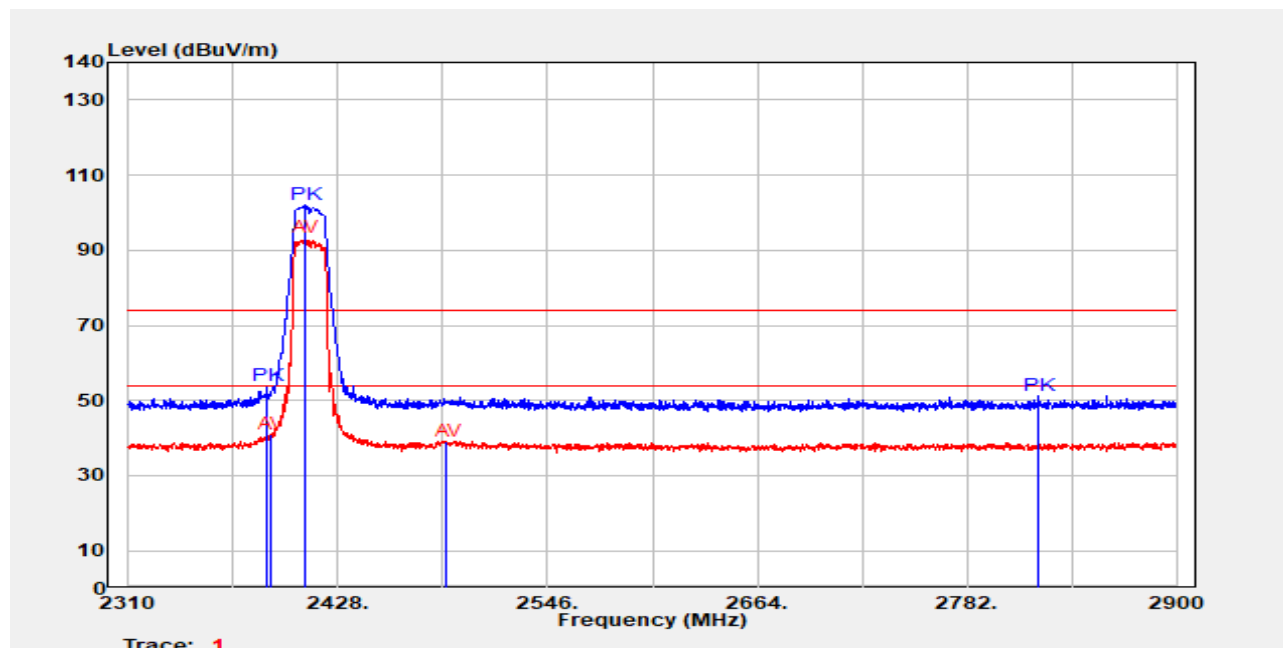
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Member of SGS Group

Report Number :TERF2603000777ER
 Operation Mode :802.11n20
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



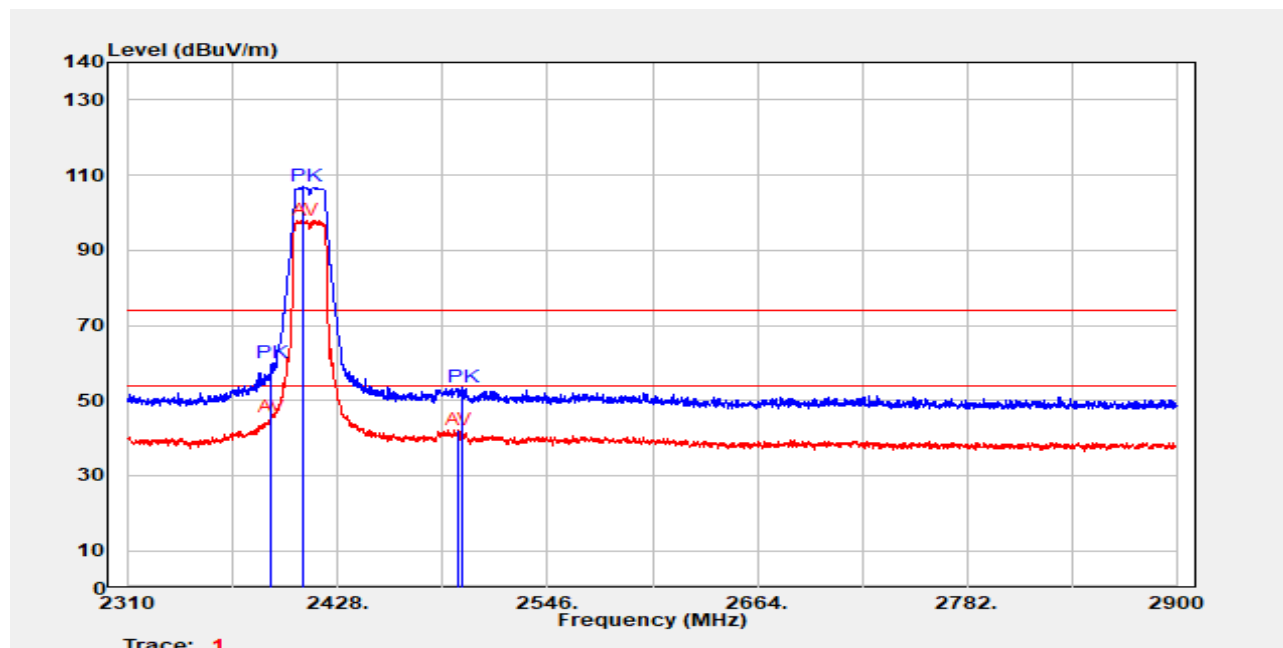
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2387.71	Peak	57.64	-3.72	53.92	74.00	-20.08
2389.68	Average	44.75	-3.70	41.05	54.00	-12.95
2409.15	Peak	105.83	-3.68	102.15	-	-
2409.15	Average	96.86	-3.68	93.18	-	-
2489.03	Average	42.84	-3.60	39.24	54.00	-14.76
2821.90	Peak	54.11	-2.79	51.32	74.00	-22.68

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Report Number :TERF2603000777ER
 Operation Mode :802.11n20
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.68	Average	49.23	-3.70	45.53	54.00	-8.47
2389.87	Peak	63.65	-3.70	59.95	74.00	-14.05
2408.76	Peak	110.72	-3.68	107.04	-	-
2408.76	Average	101.75	-3.68	98.07	-	-
2495.72	Average	45.73	-3.64	42.09	54.00	-11.91
2497.49	Peak	57.09	-3.65	53.44	74.00	-20.56

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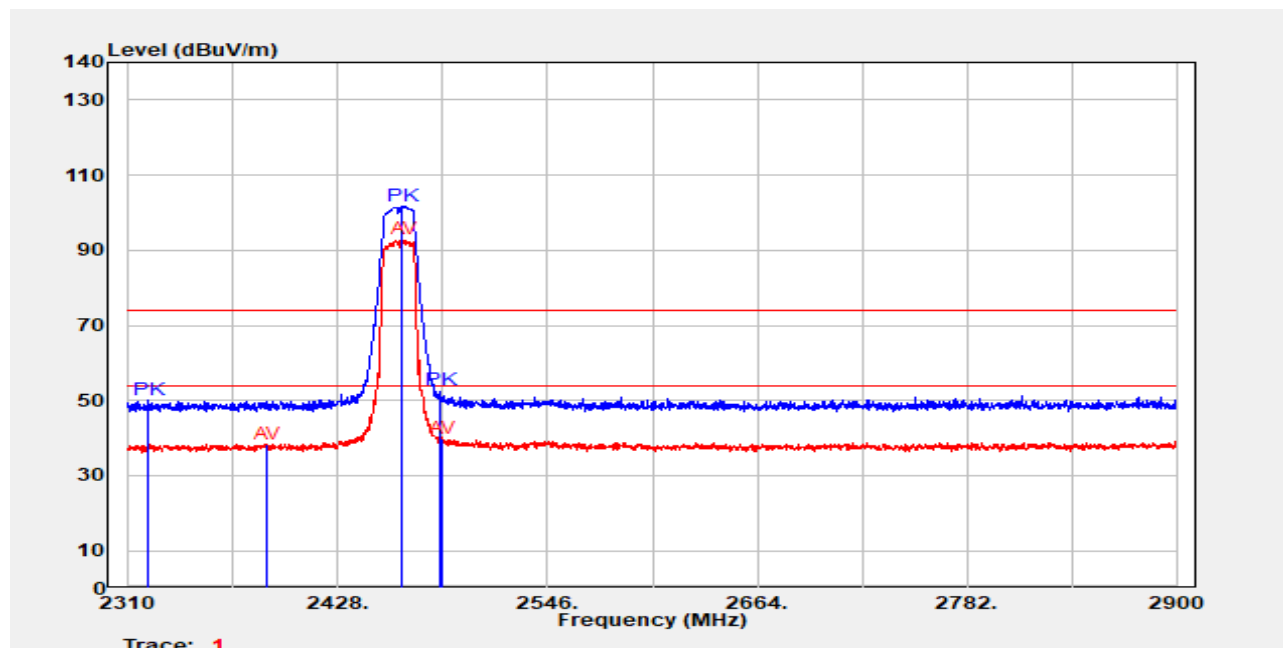
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Report Number :TERF2603000777ER
 Operation Mode :802.11n20
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2321.21	Peak	53.40	-3.34	50.06	74.00	-23.94
2387.71	Average	42.18	-3.72	38.46	54.00	-15.54
2464.24	Peak	105.47	-3.83	101.64	-	-
2464.24	Average	96.76	-3.83	92.93	-	-
2485.49	Peak	56.53	-3.67	52.86	74.00	-21.14
2486.27	Average	43.47	-3.65	39.82	54.00	-14.18

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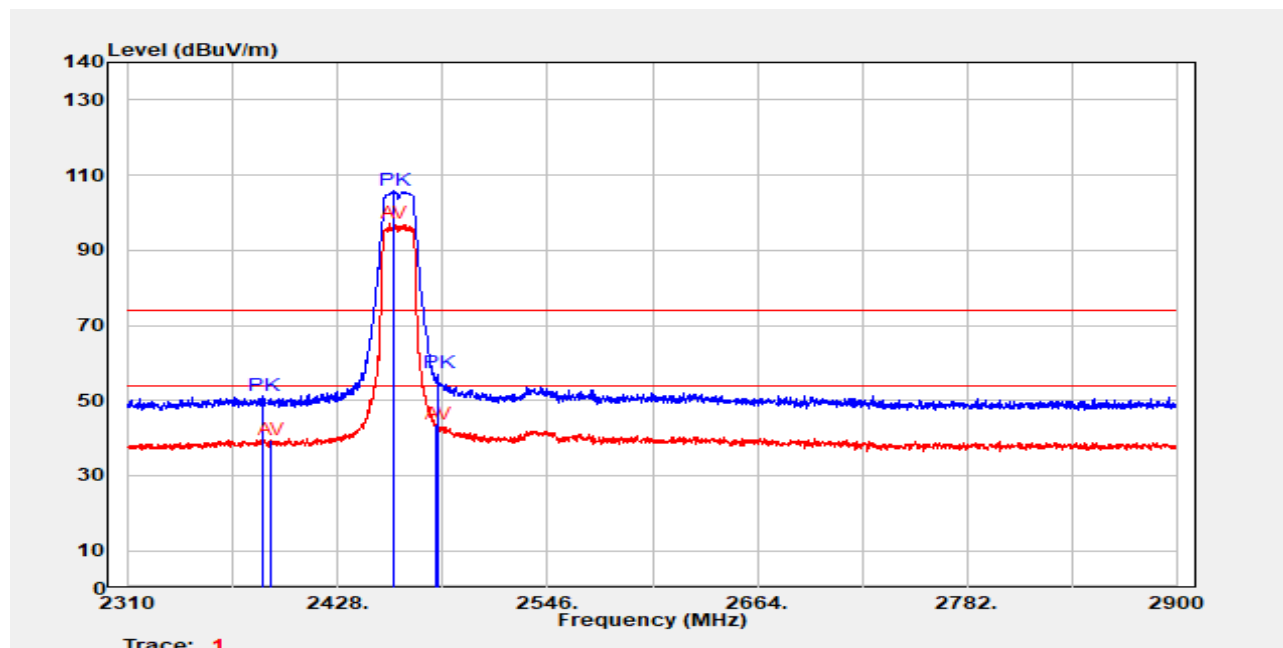
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Report Number :TERF2603000777ER
 Operation Mode :802.11n20
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2385.35	Peak	54.78	-3.74	51.04	74.00	-22.96
2389.68	Average	43.06	-3.70	39.36	54.00	-14.64
2459.32	Peak	109.67	-3.78	105.89	-	-
2459.32	Average	100.99	-3.78	97.21	-	-
2483.50	Average	47.31	-3.72	43.59	54.00	-10.41
2484.31	Peak	61.17	-3.70	57.47	74.00	-16.53

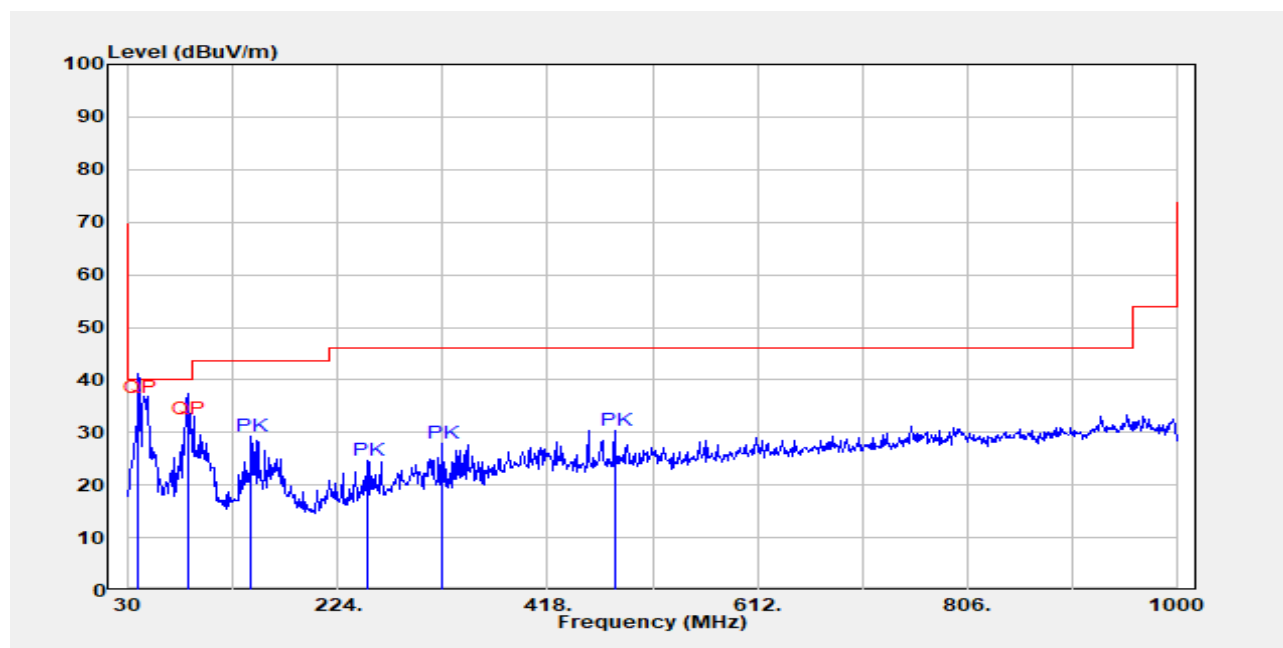
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7.6.2 Spurious Emission

Report Number :TERF2603000777ER
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-13
 Temp./Humi. :20.5°C/49%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



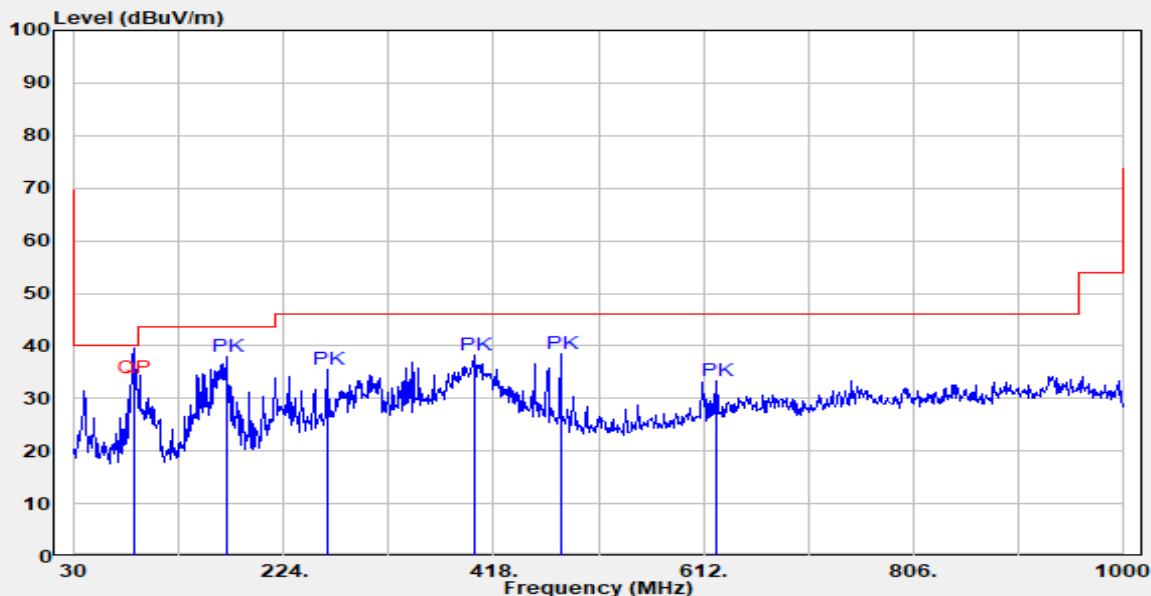
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
38.73	QP	54.39	-17.92	36.47	40.00	-3.53
84.32	QP	54.63	-22.21	32.42	40.00	-7.58
143.49	Peak	47.24	-17.90	29.34	43.50	-14.16
251.16	Peak	42.85	-18.25	24.60	46.00	-21.40
320.03	Peak	43.89	-15.88	28.01	46.00	-17.99
480.08	Peak	42.51	-12.11	30.40	46.00	-15.60

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Report Number :TERF2603000777ER
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-13
 Temp./Humi. :20.5°C/49%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
84.32	QP	56.20	-22.21	33.99	40.00	-6.01
170.65	Peak	55.92	-17.94	37.98	43.50	-5.52
263.77	Peak	53.13	-17.75	35.38	46.00	-10.62
399.57	Peak	52.19	-14.03	38.16	46.00	-7.84
480.08	Peak	50.50	-12.11	38.39	46.00	-7.61
624.61	Peak	42.29	-8.96	33.33	46.00	-12.67

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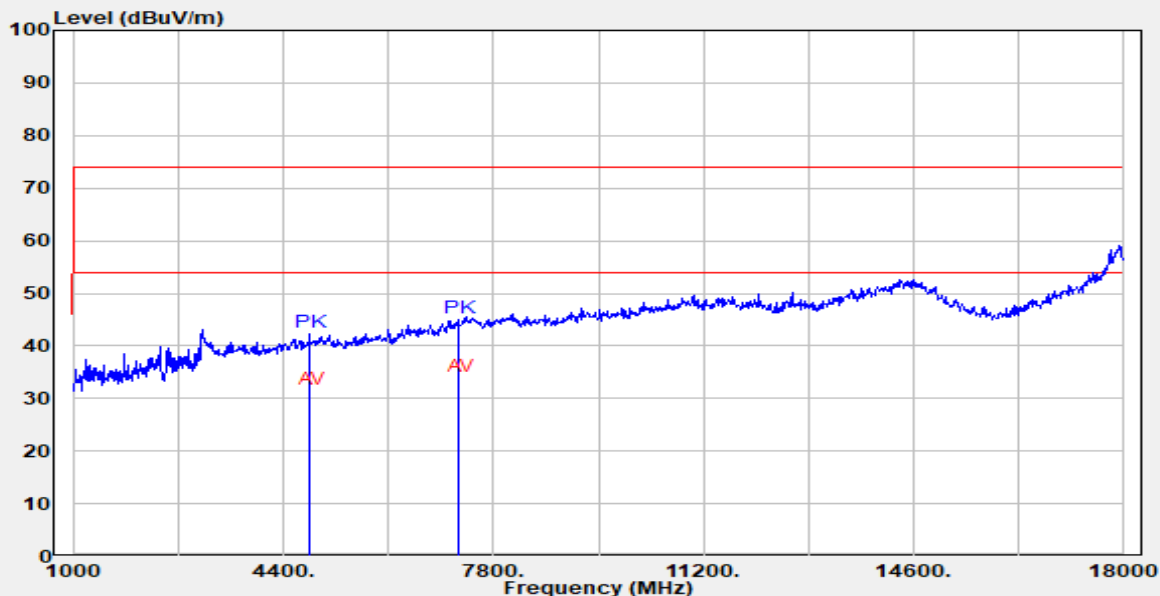
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Report Number :TERF2603000777ER
 Operation Mode :802.11b
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.00	Peak	41.32	1.17	42.49	74.00	-31.51
4824.00	Average	30.65	1.17	31.82	54.00	-22.18
7236.00	Peak	38.56	6.70	45.26	74.00	-28.74
7236.00	Average	27.36	6.70	34.06	54.00	-19.94

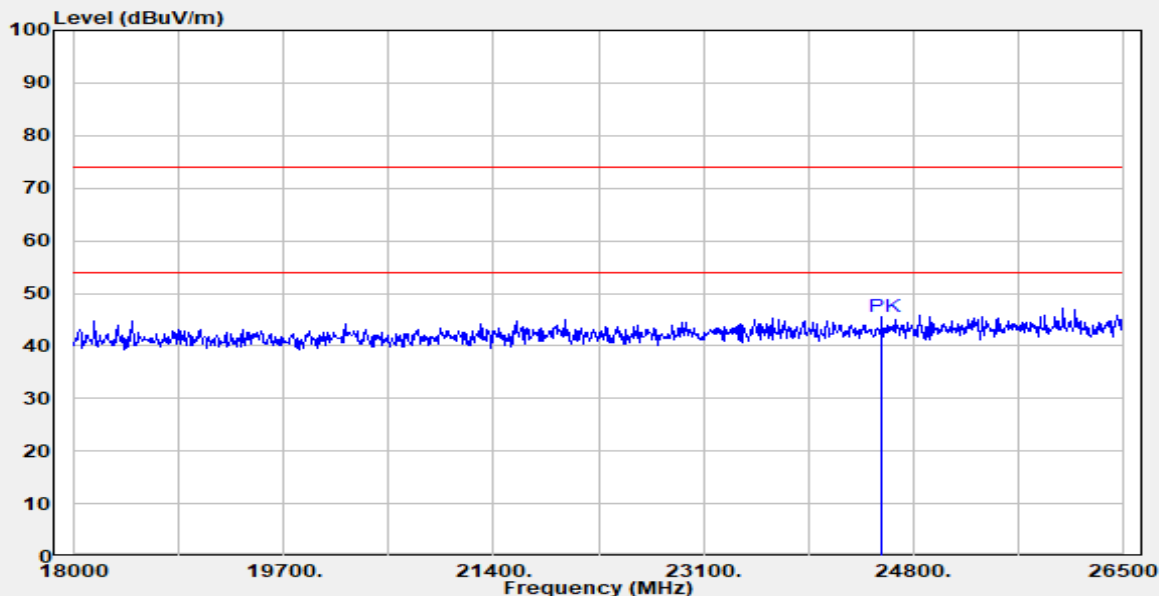
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Report Number :TERF2603000777ER
 Operation Mode :802.11b
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



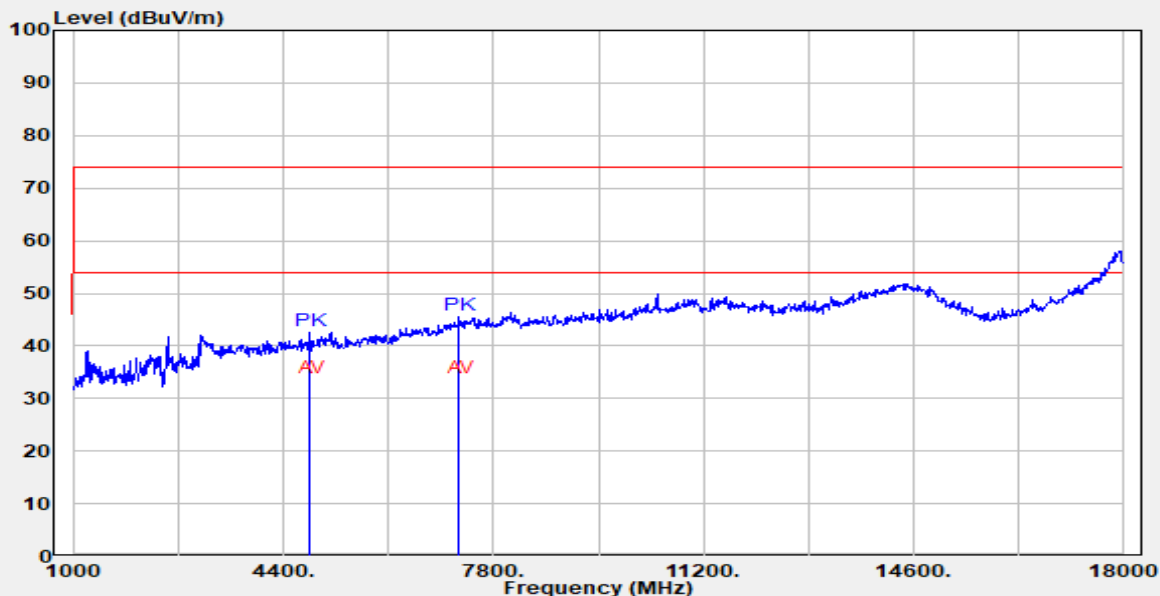
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
24553.50	Peak	39.95	5.65	45.60	74.00	-28.40

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Report Number :TERF2603000777ER
 Operation Mode :802.11b
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.00	Peak	41.74	1.17	42.91	74.00	-31.09
4824.00	Average	32.65	1.17	33.82	54.00	-20.18
7236.00	Peak	39.10	6.70	45.80	74.00	-28.20
7236.00	Average	27.22	6.70	33.92	54.00	-20.08

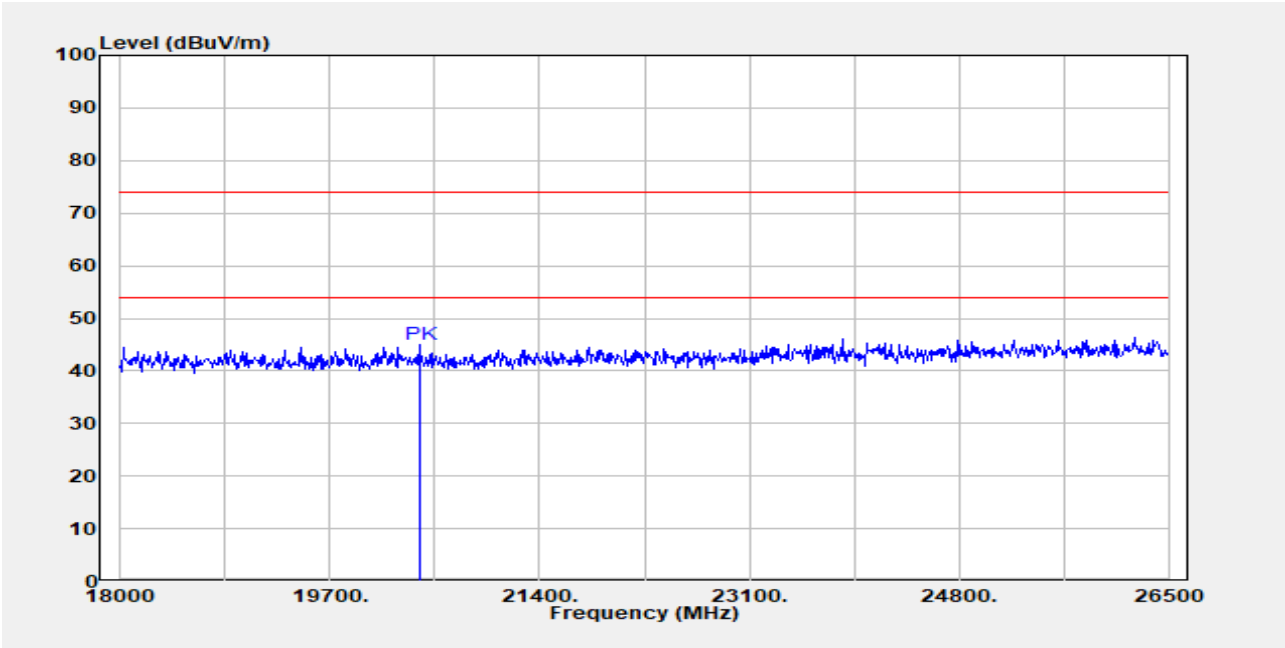
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Report Number	:TERF2603000777ER	Test Site	:SAC 2
Operation Mode	:802.11b	Test Date	:2026-03-12
Test Frequency	:2412 MHz	Temp./Humi.	:20.6°C/53%
Test Mode	:Tx	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Bob Chao

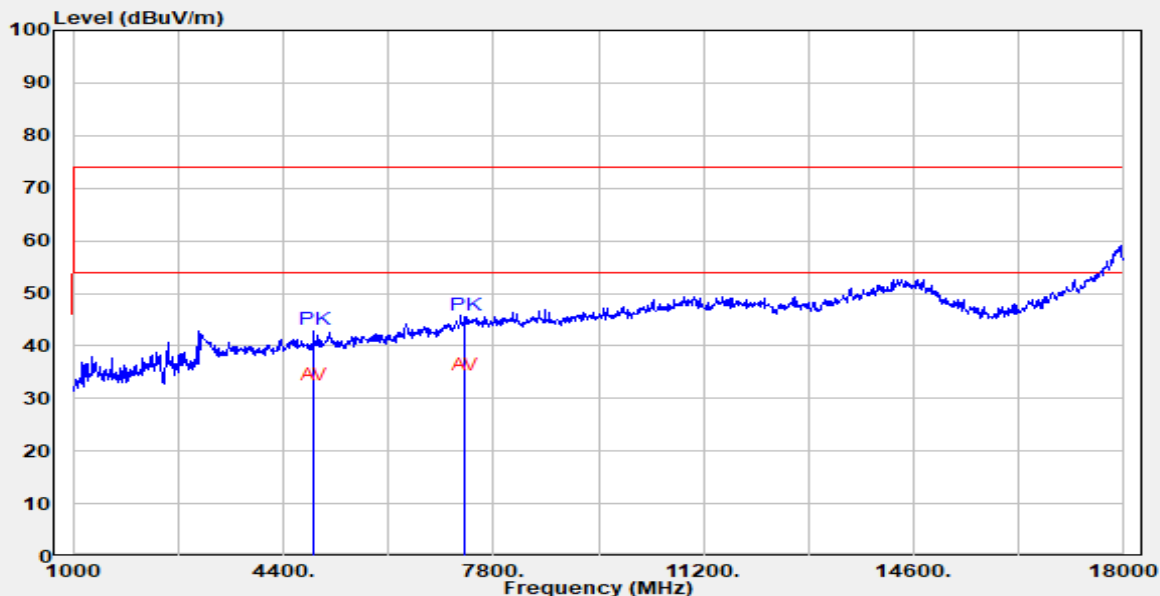


Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
20422.50	Peak	44.11	0.74	44.85	74.00	-29.15

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Report Number :TERF2603000777ER
 Operation Mode :802.11b
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.00	Peak	41.85	1.22	43.07	74.00	-30.93
4874.00	Average	31.40	1.22	32.62	54.00	-21.38
7311.00	Peak	38.57	7.11	45.68	74.00	-28.32
7311.00	Average	27.35	7.11	34.46	54.00	-19.54

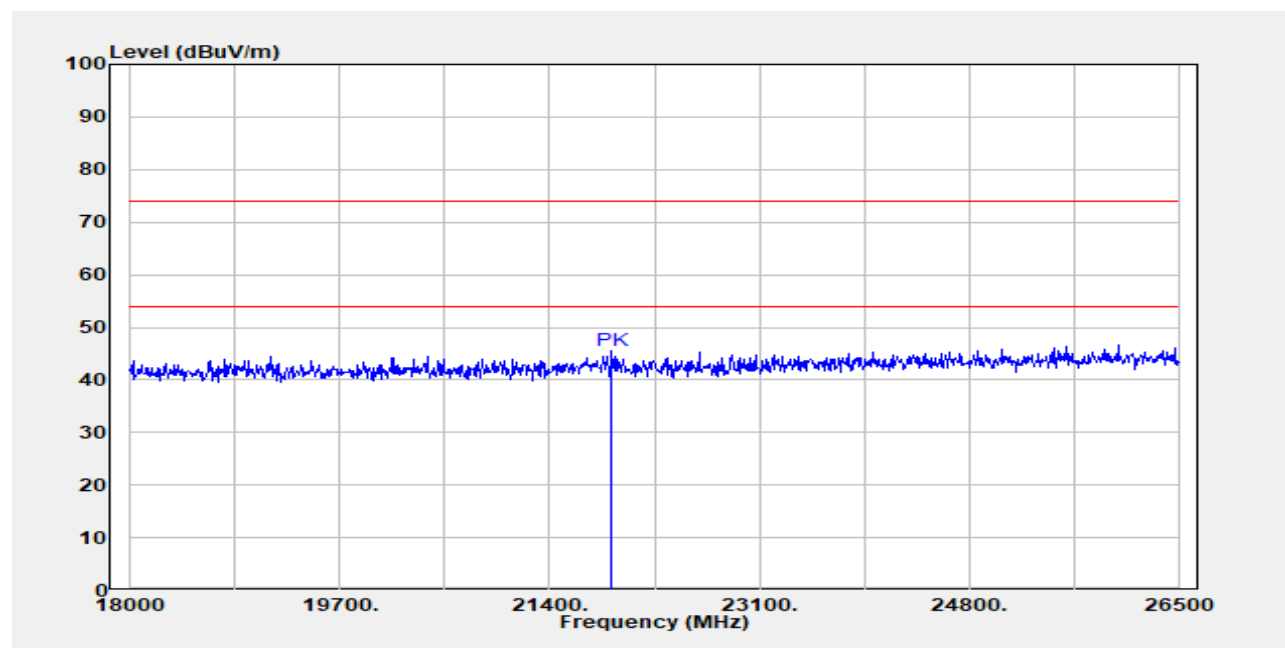
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Report Number :TERF2603000777ER
 Operation Mode :802.11b
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



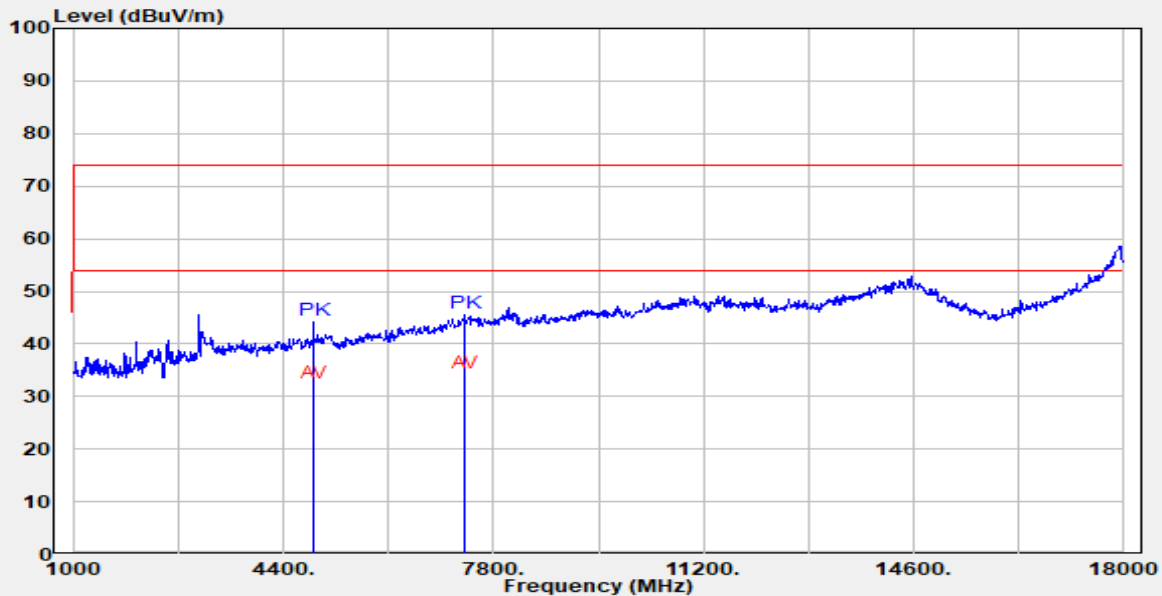
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
21901.50	Peak	42.44	3.10	45.54	74.00	-28.46

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Report Number :TERF2603000777ER
 Operation Mode :802.11b
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4874.00	Peak	43.29	1.22	44.51	74.00	-29.49
4874.00	Average	31.36	1.22	32.58	54.00	-21.42
7311.00	Peak	38.61	7.11	45.72	74.00	-28.28
7311.00	Average	27.25	7.11	34.36	54.00	-19.64

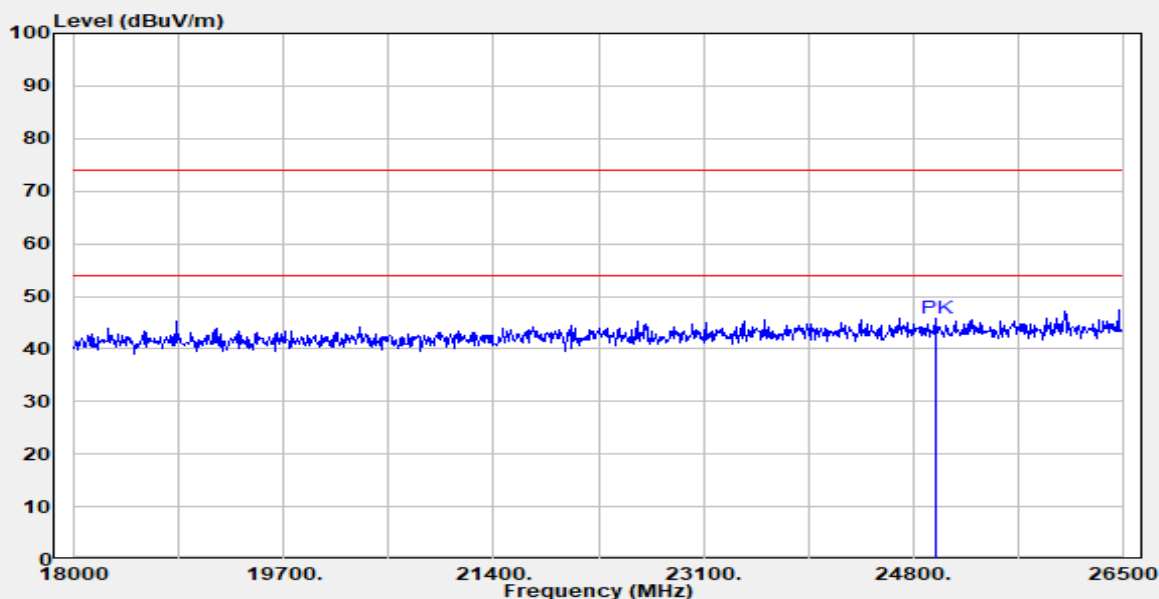
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Report Number :TERF2603000777ER
 Operation Mode :802.11b
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



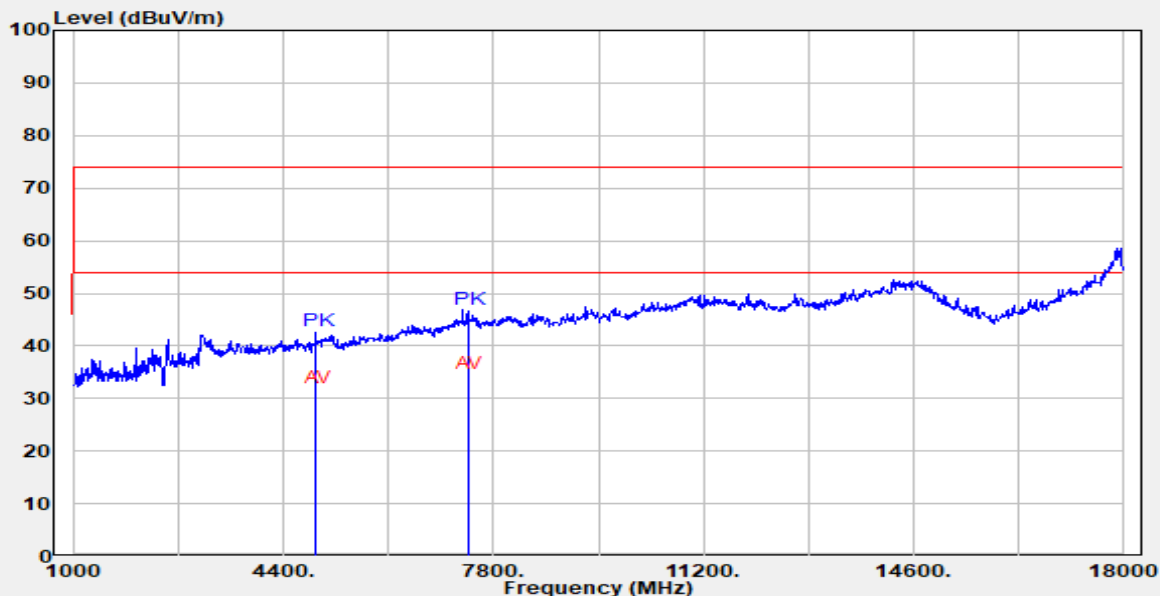
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
24987.00	Peak	39.85	5.91	45.76	74.00	-28.24

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Report Number :TERF2603000777ER
 Operation Mode :802.11b
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Peak	41.49	1.28	42.77	74.00	-31.23
4924.00	Average	30.78	1.28	32.06	54.00	-21.94
7386.00	Peak	39.47	7.30	46.77	74.00	-27.23
7386.00	Average	27.37	7.30	34.67	54.00	-19.33

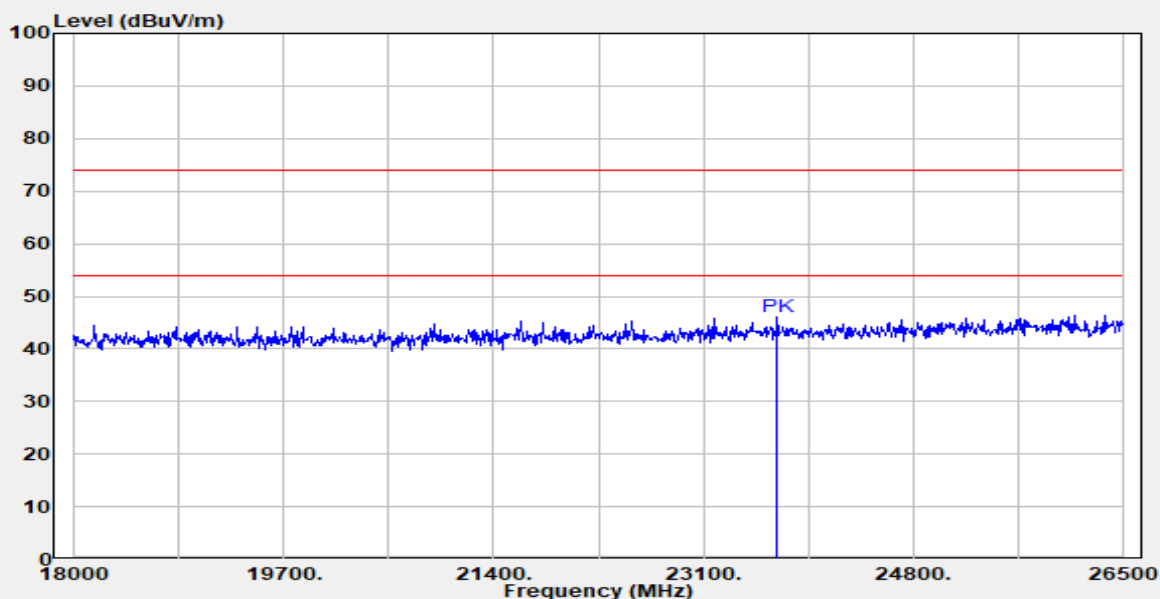
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Report Number :TERF2603000777ER
 Operation Mode :802.11b
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



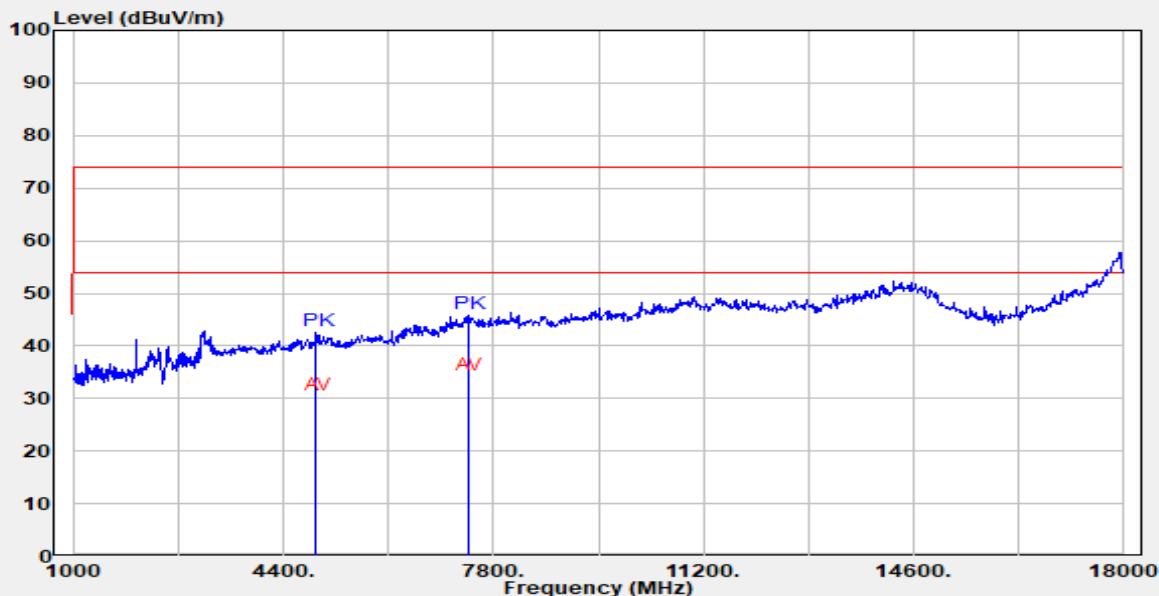
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
23703.50	Peak	40.86	5.12	45.98	74.00	-28.02

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Report Number :TERF2603000777ER
 Operation Mode :802.11b
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Peak	41.63	1.28	42.91	74.00	-31.09
4924.00	Average	29.44	1.28	30.72	54.00	-23.28
7386.00	Peak	38.73	7.30	46.03	74.00	-27.97
7386.00	Average	27.25	7.30	34.55	54.00	-19.45

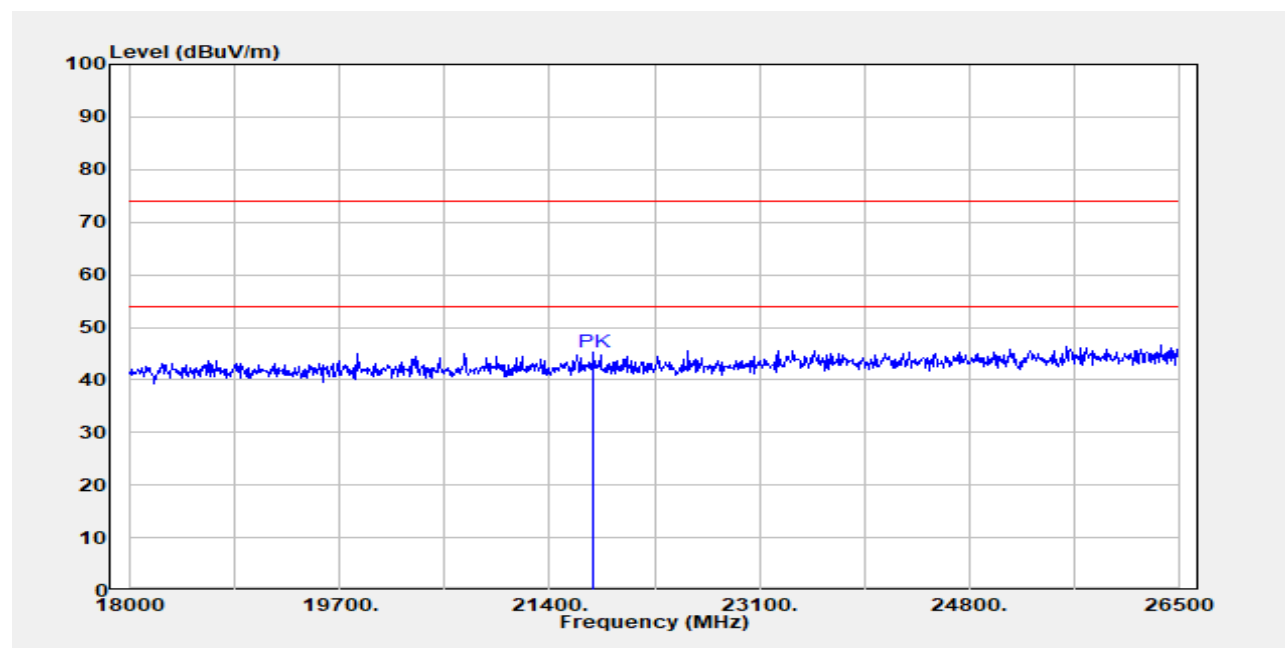
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Report Number :TERF2603000777ER
Operation Mode :802.11b
Test Frequency :2462 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC 2
Test Date :2026-03-12
Temp./Humi. :20.6°C/53%
Antenna Pol. :Horizontal
Engineer :Bob Chao



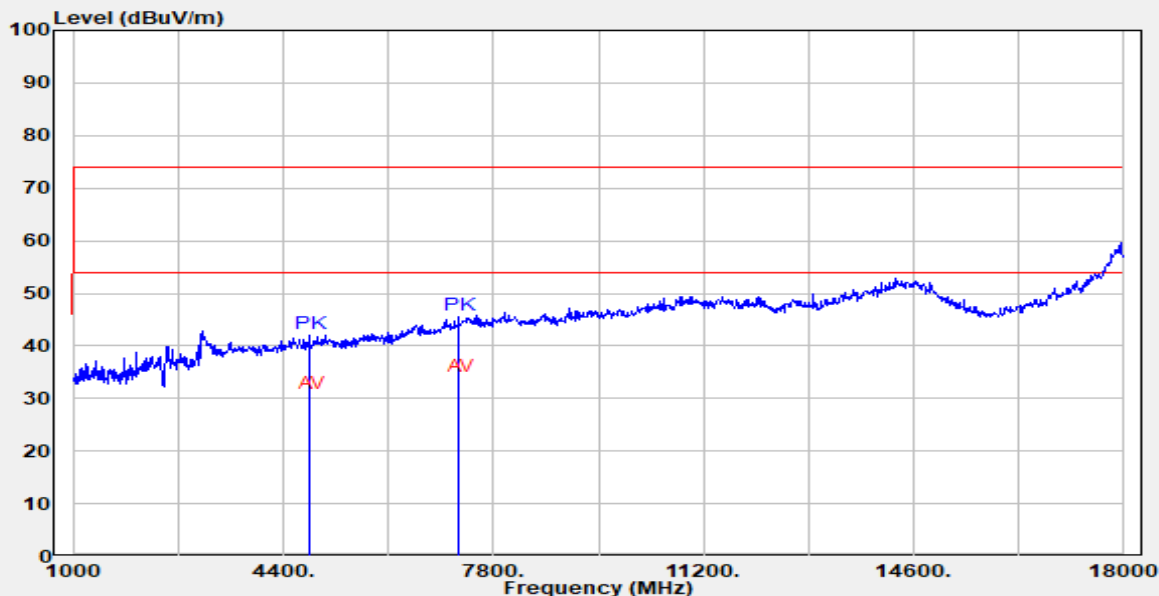
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
21757.00	Peak	42.52	2.86	45.38	74.00	-28.62

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Report Number :TERF2603000777ER
 Operation Mode :802.11g
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.00	Peak	41.08	1.17	42.25	74.00	-31.75
4824.00	Average	29.72	1.17	30.89	54.00	-23.11
7236.00	Peak	39.04	6.70	45.74	74.00	-28.26
7236.00	Average	27.45	6.70	34.15	54.00	-19.85

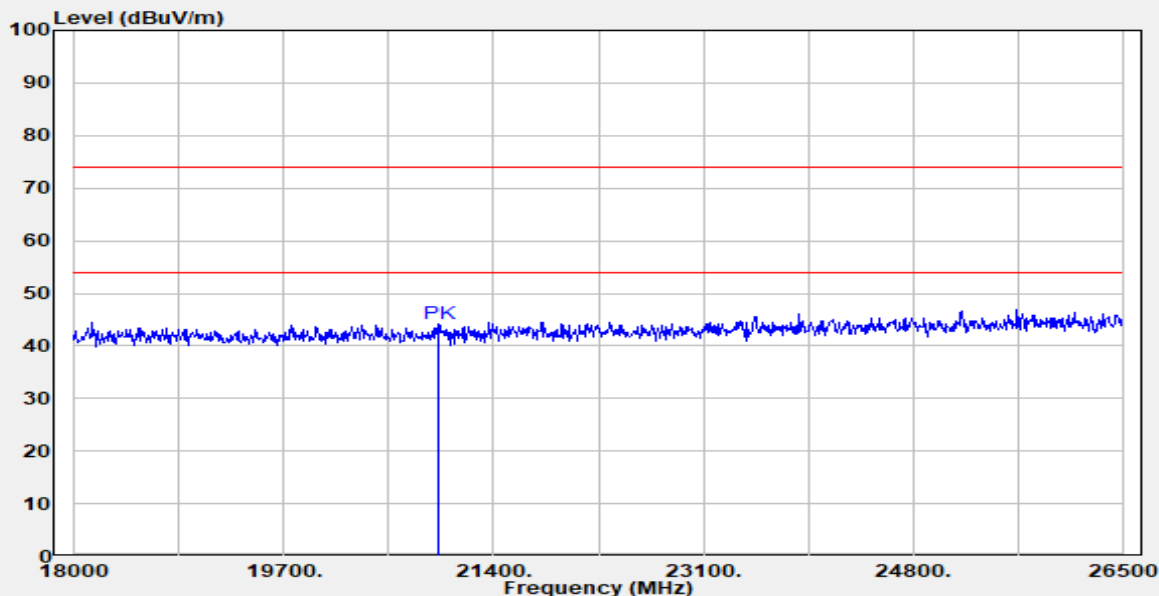
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Report Number :TERF2603000777ER
 Operation Mode :802.11g
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
20949.50	Peak	42.67	1.49	44.16	74.00	-29.84

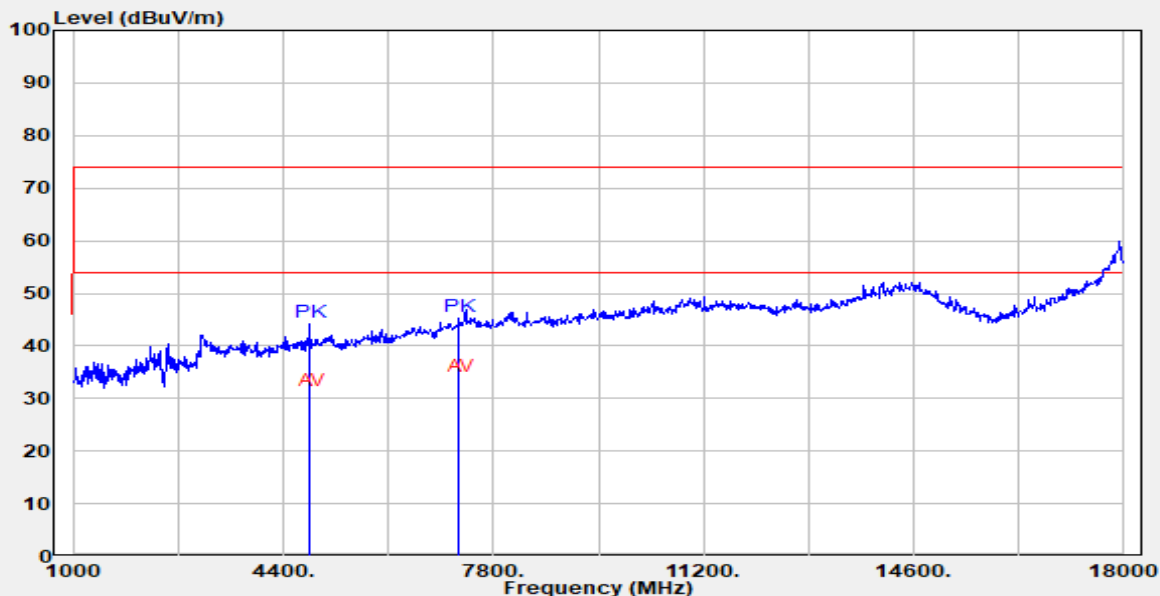
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Report Number :TERF2603000777ER
 Operation Mode :802.11g
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.00	Peak	43.16	1.17	44.33	74.00	-29.67
4824.00	Average	30.36	1.17	31.53	54.00	-22.47
7236.00	Peak	38.89	6.70	45.59	74.00	-28.41
7236.00	Average	27.39	6.70	34.09	54.00	-19.91

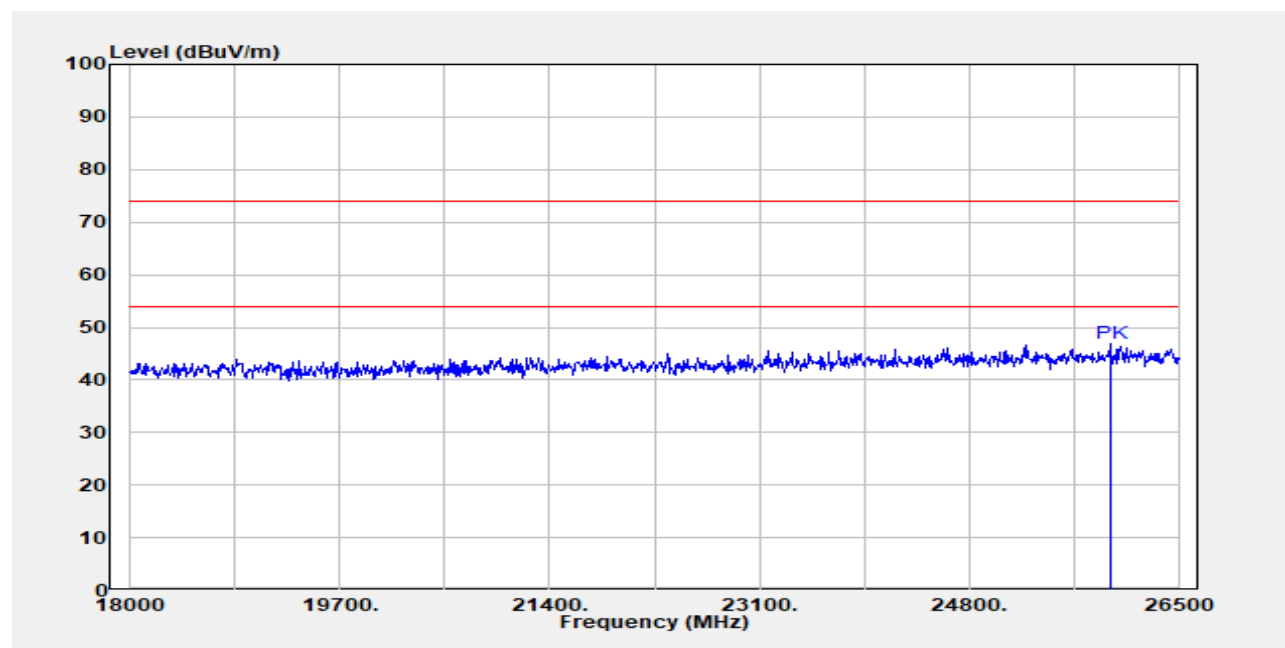
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Report Number :TERF2603000777ER
Operation Mode :802.11g
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC 2
Test Date :2026-03-12
Temp./Humi. :20.6°C/53%
Antenna Pol. :Horizontal
Engineer :Bob Chao



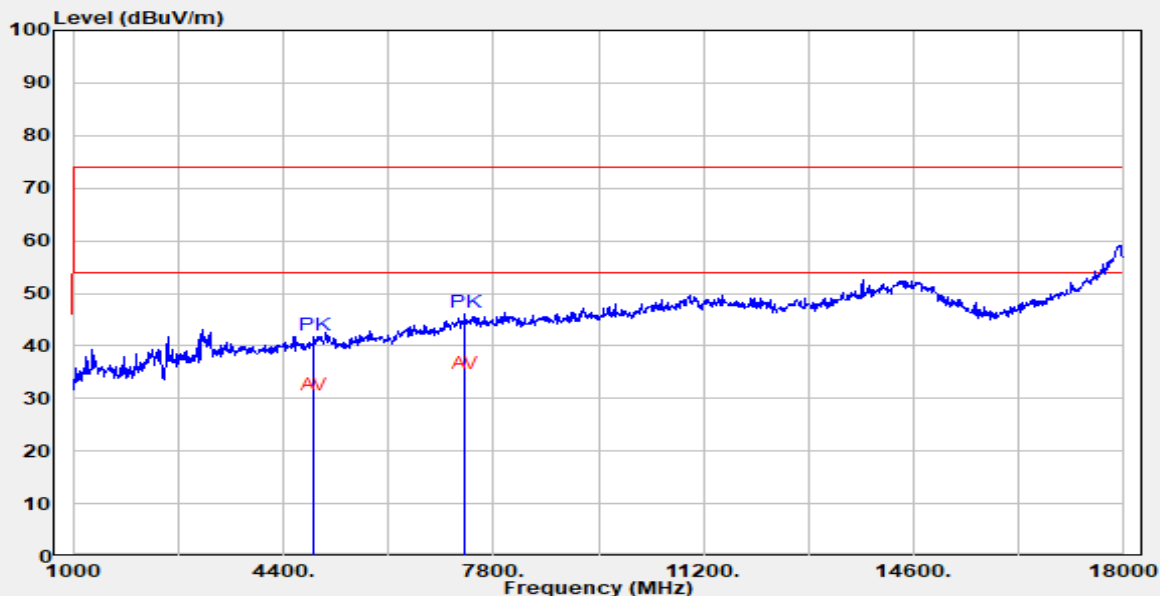
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
25947.50	Peak	40.93	5.92	46.85	74.00	-27.15

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Report Number :TERF2603000777ER
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.00	Peak	40.68	1.22	41.90	74.00	-32.10
4874.00	Average	29.53	1.22	30.75	54.00	-23.25
7311.00	Peak	39.31	7.11	46.42	74.00	-27.58
7311.00	Average	27.45	7.11	34.56	54.00	-19.44

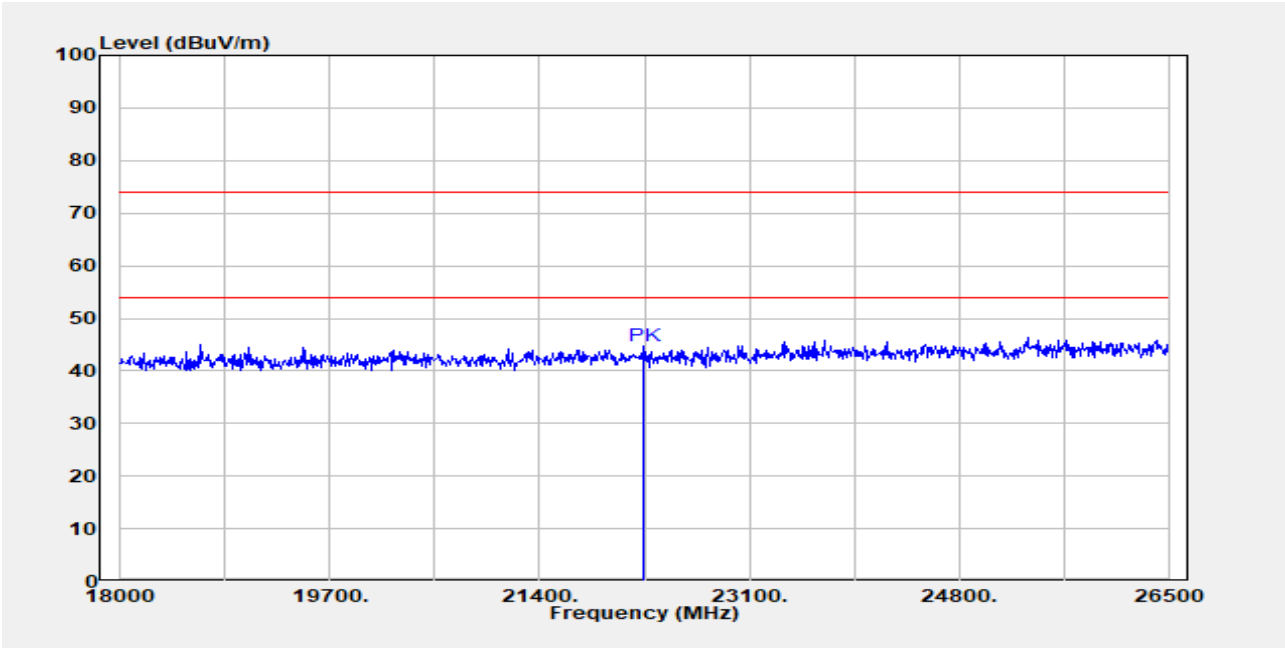
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Report Number	:TERF2603000777ER	Test Site	:SAC 2
Operation Mode	:802.11g	Test Date	:2026-03-12
Test Frequency	:2437 MHz	Temp./Humi.	:20.6°C/53%
Test Mode	:Tx	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Bob Chao

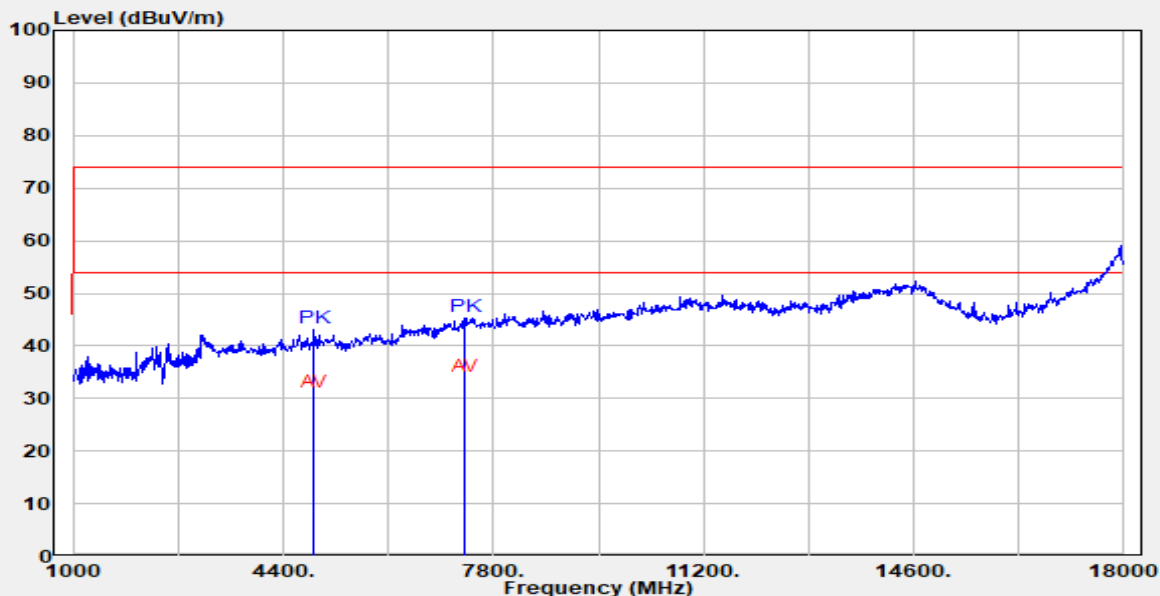


Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
22241.50	Peak	41.09	3.59	44.68	74.00	-29.32

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Report Number :TERF2603000777ER
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.00	Peak	42.10	1.22	43.32	74.00	-30.68
4874.00	Average	29.82	1.22	31.04	54.00	-22.96
7311.00	Peak	38.54	7.11	45.65	74.00	-28.35
7311.00	Average	27.16	7.11	34.27	54.00	-19.73

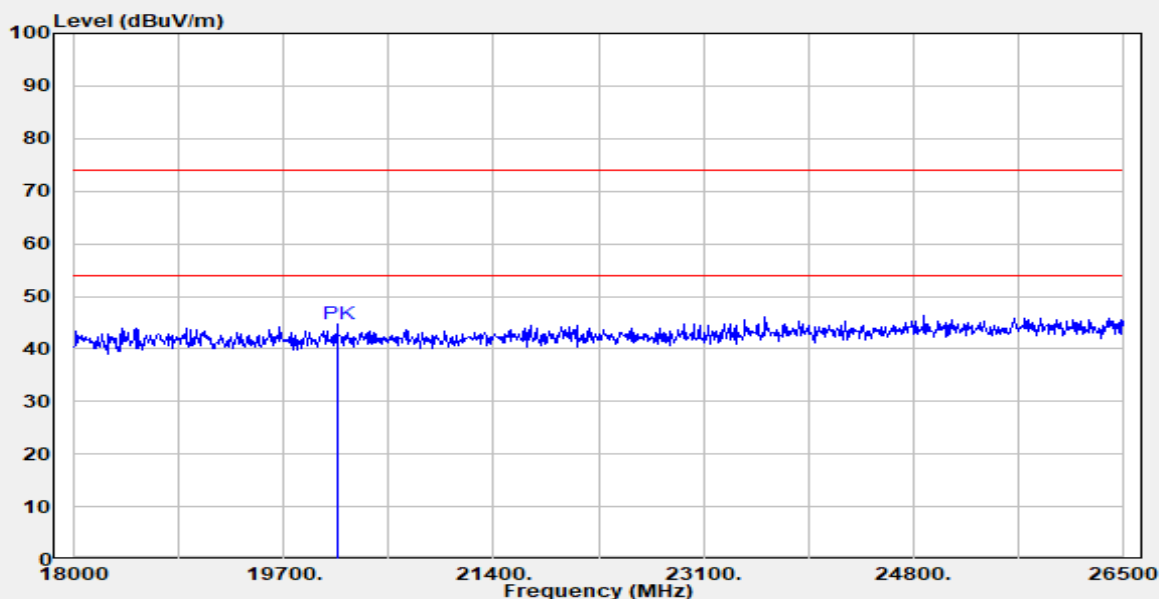
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Report Number :TERF2603000777ER
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



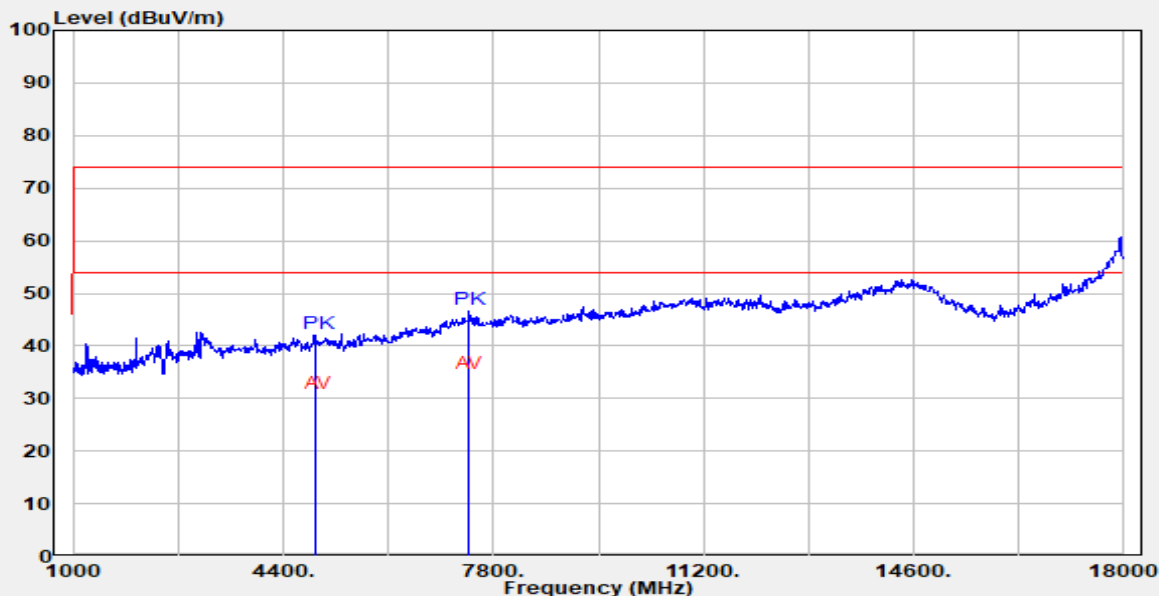
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
20133.50	Peak	44.01	0.71	44.72	74.00	-29.28

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Report Number :TERF2603000777ER
 Operation Mode :802.11g
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Peak	41.03	1.28	42.31	74.00	-31.69
4924.00	Average	29.57	1.28	30.85	54.00	-23.15
7386.00	Peak	39.67	7.30	46.97	74.00	-27.03
7386.00	Average	27.51	7.30	34.81	54.00	-19.19

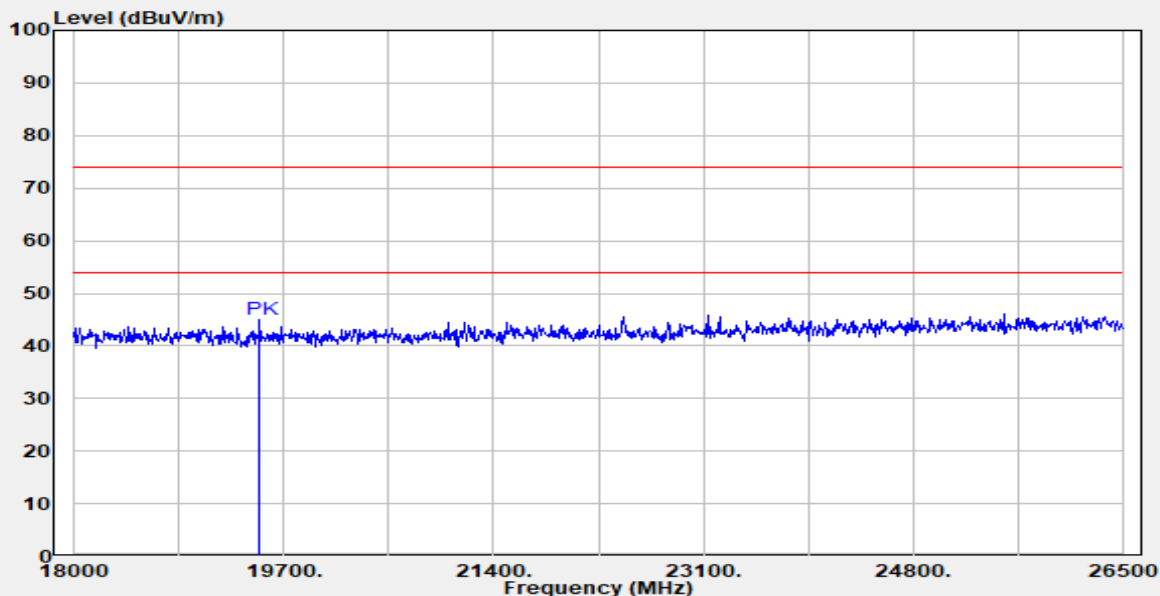
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Report Number :TERF2603000777ER
 Operation Mode :802.11g
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



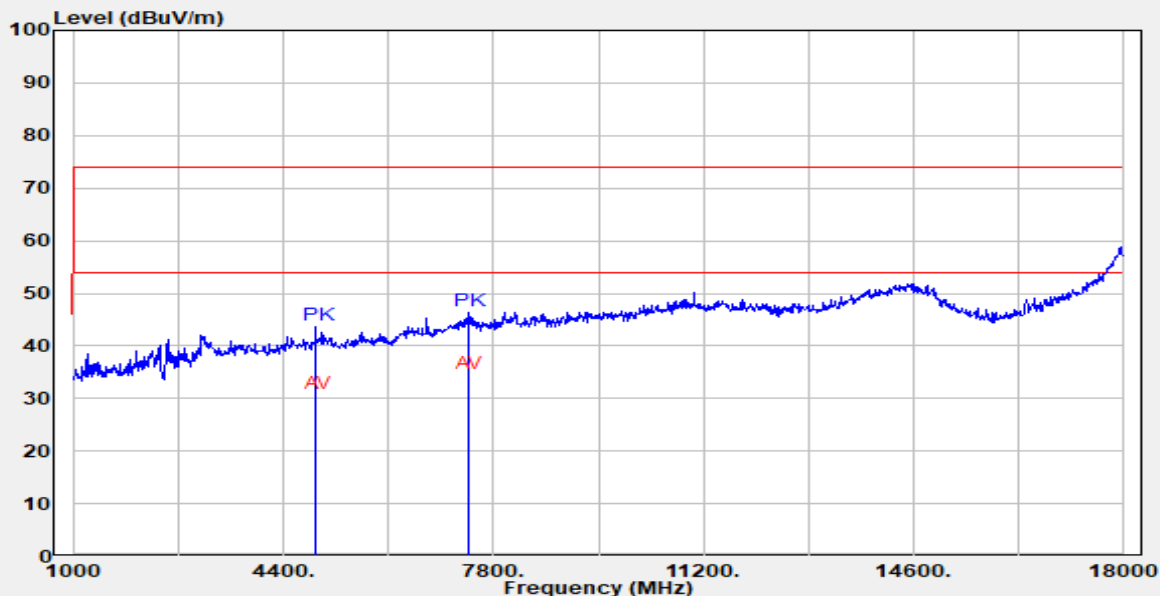
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
19504.50	Peak	45.20	-0.20	45.00	74.00	-29.00

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Report Number :TERF2603000777ER
 Operation Mode :802.11g
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Peak	42.73	1.28	44.01	74.00	-29.99
4924.00	Average	29.72	1.28	31.00	54.00	-23.00
7386.00	Peak	39.41	7.30	46.71	74.00	-27.29
7386.00	Average	27.41	7.30	34.71	54.00	-19.29

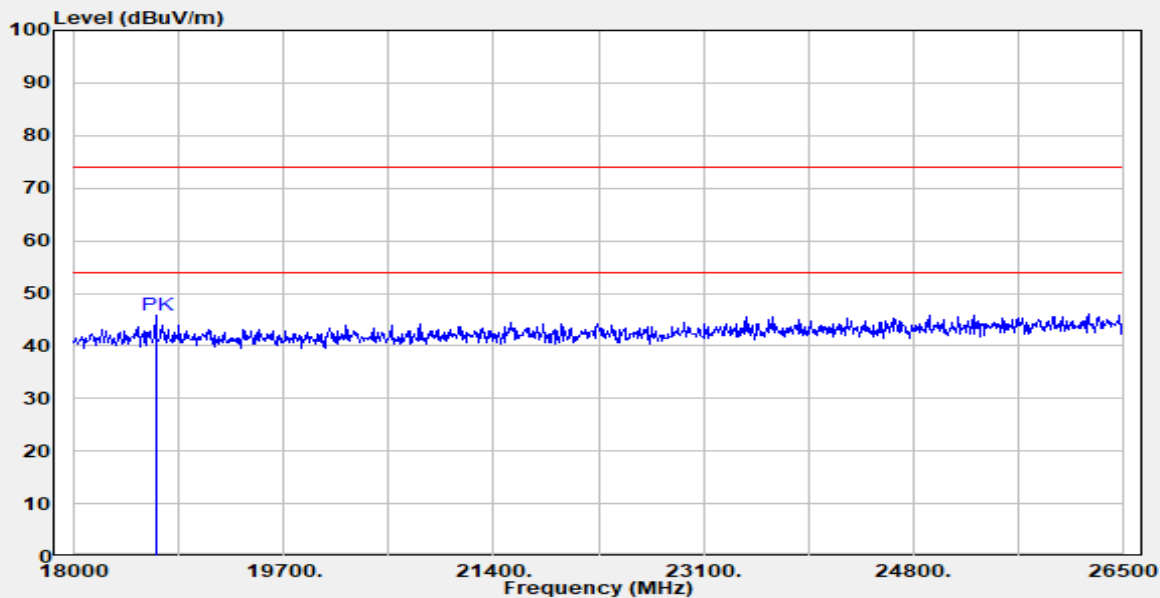
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Report Number :TERF2603000777ER
 Operation Mode :802.11g
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
18663.00	Peak	46.53	-0.74	45.79	74.00	-28.21

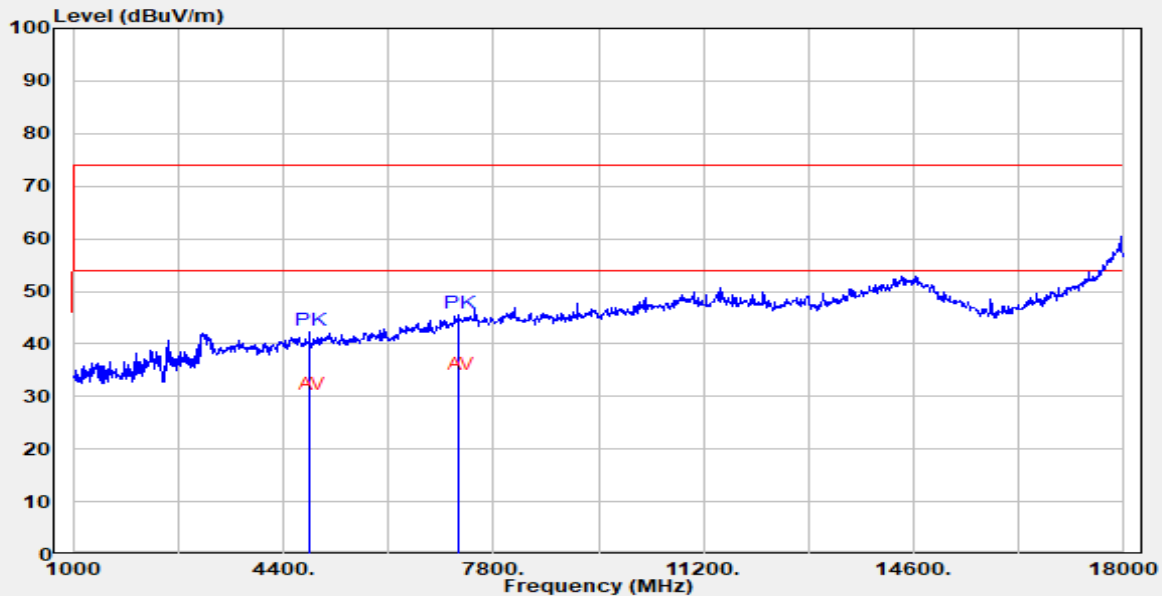
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Report Number :TERF2603000777ER
 Operation Mode :802.11n20
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.00	Peak	41.35	1.17	42.52	74.00	-31.48
4824.00	Average	29.10	1.17	30.27	54.00	-23.73
7236.00	Peak	39.19	6.70	45.89	74.00	-28.11
7236.00	Average	27.43	6.70	34.13	54.00	-19.87

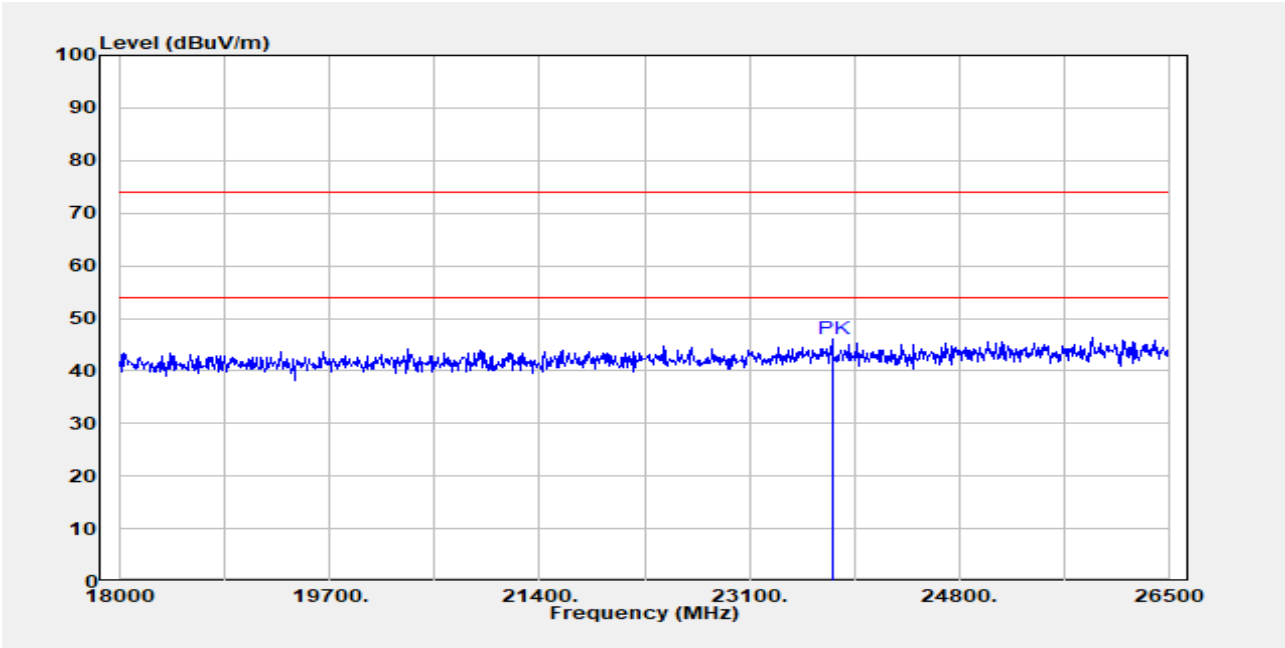
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Report Number	:TERF2603000777ER	Test Site	:SAC 2
Operation Mode	:802.11n20	Test Date	:2026-03-12
Test Frequency	:2412 MHz	Temp./Humi.	:20.6°C/53%
Test Mode	:Tx	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Bob Chao

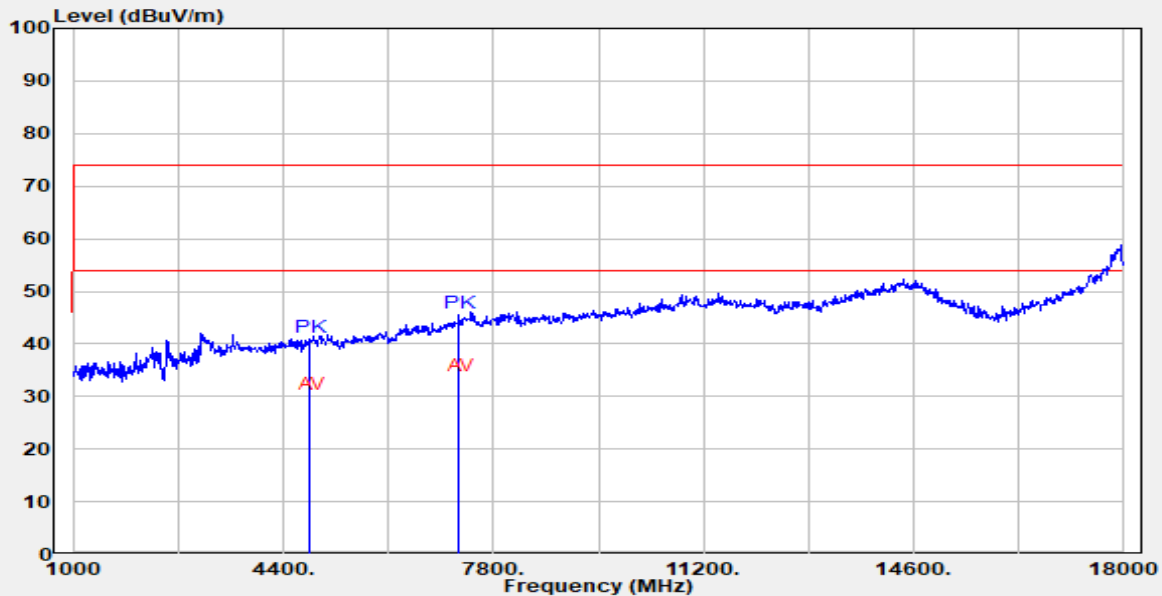


Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
23771.50	Peak	40.93	5.12	46.05	74.00	-27.95

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Report Number :TERF2603000777ER
 Operation Mode :802.11n20
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



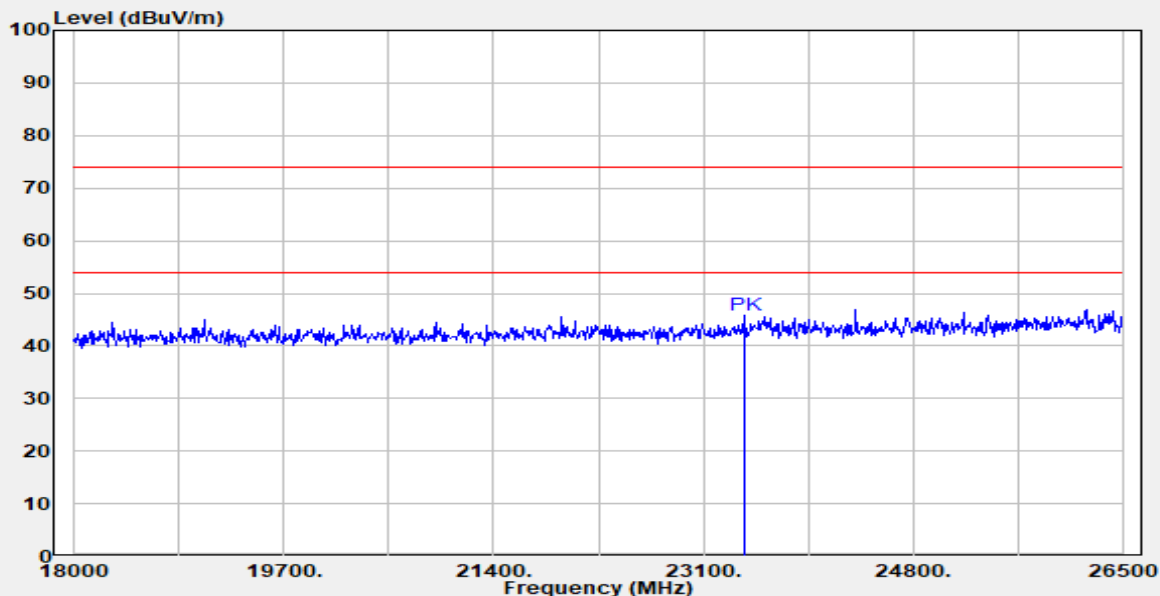
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.00	Peak	40.11	1.17	41.28	74.00	-32.72
4824.00	Average	29.29	1.17	30.46	54.00	-23.54
7236.00	Peak	39.14	6.70	45.84	74.00	-28.16
7236.00	Average	27.29	6.70	33.99	54.00	-20.01

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Report Number :TERF2603000777ER
 Operation Mode :802.11n20
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
23431.50	Peak	40.85	4.87	45.72	74.00	-28.28

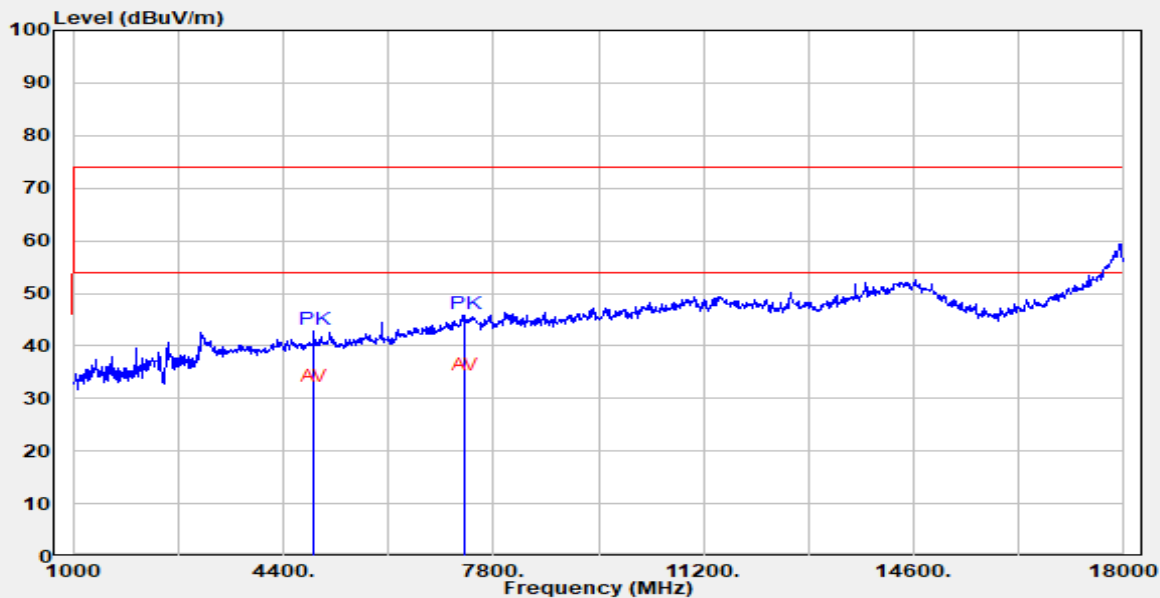
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Report Number :TERF2603000777ER
Operation Mode :802.11n20
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC 2
Test Date :2026-03-12
Temp./Humi. :20.6°C/53%
Antenna Pol. :Vertical
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.00	Peak	41.96	1.22	43.18	74.00	-30.82
4874.00	Average	31.13	1.22	32.35	54.00	-21.65
7311.00	Peak	39.03	7.11	46.14	74.00	-27.86
7311.00	Average	27.42	7.11	34.53	54.00	-19.47

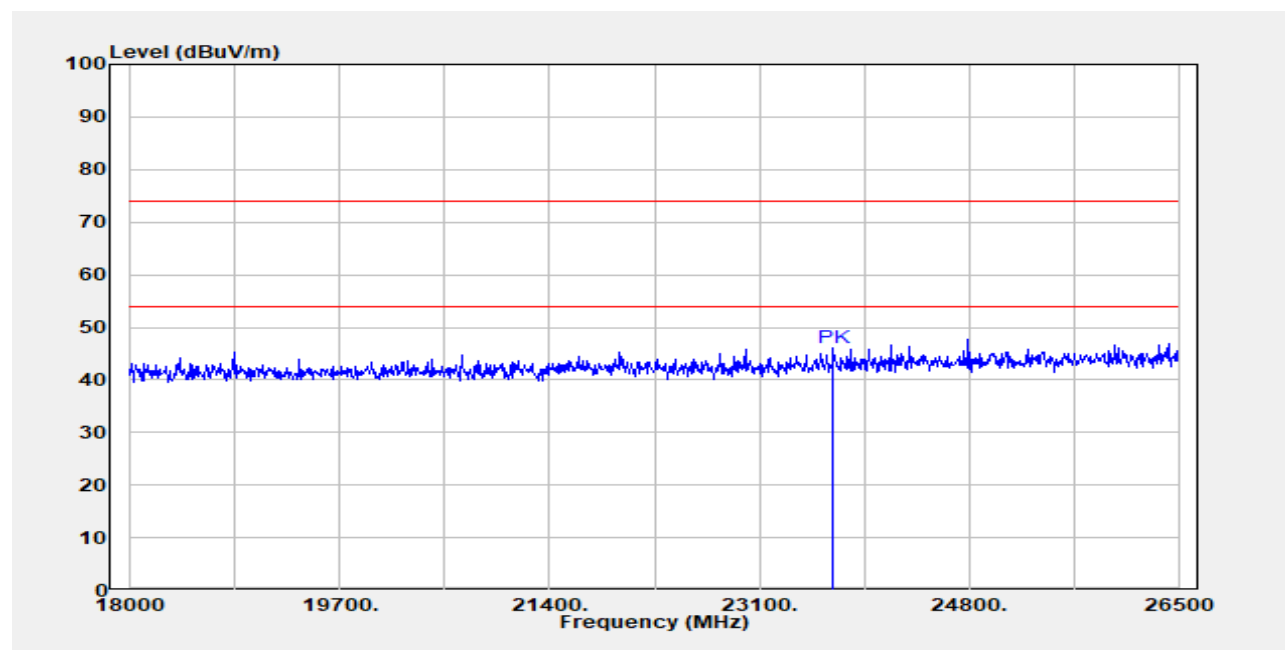
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Report Number :TERF2603000777ER
Operation Mode :802.11n20
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC 2
Test Date :2026-03-12
Temp./Humi. :20.6°C/53%
Antenna Pol. :Vertical
Engineer :Bob Chao



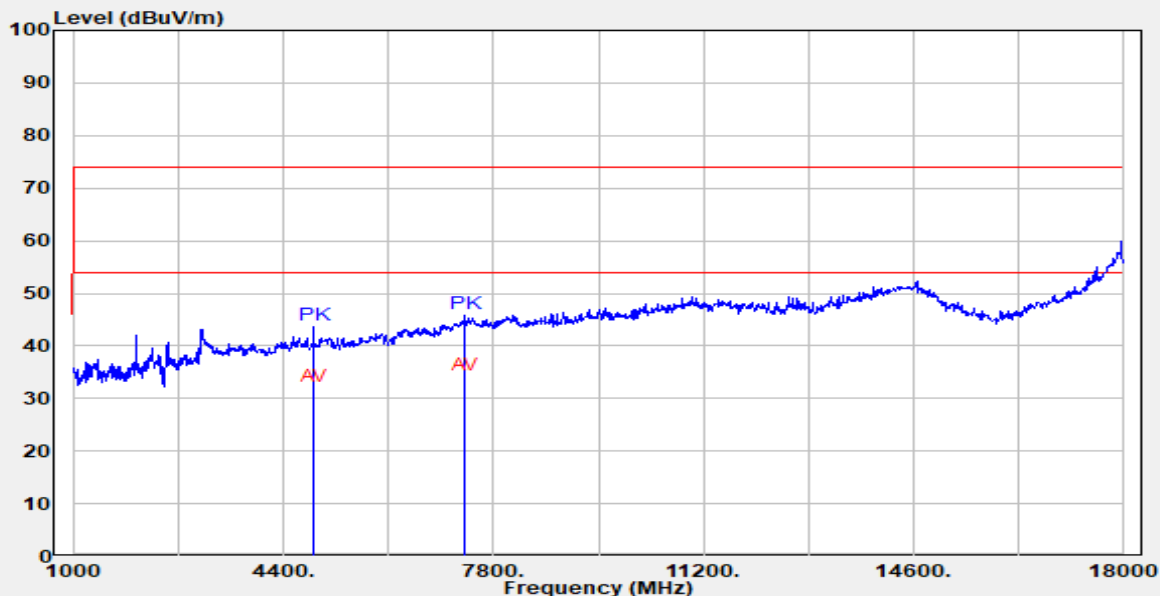
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
23703.50	Peak	40.89	5.12	46.01	74.00	-27.99

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Report Number :TERF2603000777ER
 Operation Mode :802.11n20
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.00	Peak	42.79	1.22	44.01	74.00	-29.99
4874.00	Average	31.16	1.22	32.38	54.00	-21.62
7311.00	Peak	38.96	7.11	46.07	74.00	-27.93
7311.00	Average	27.19	7.11	34.30	54.00	-19.70

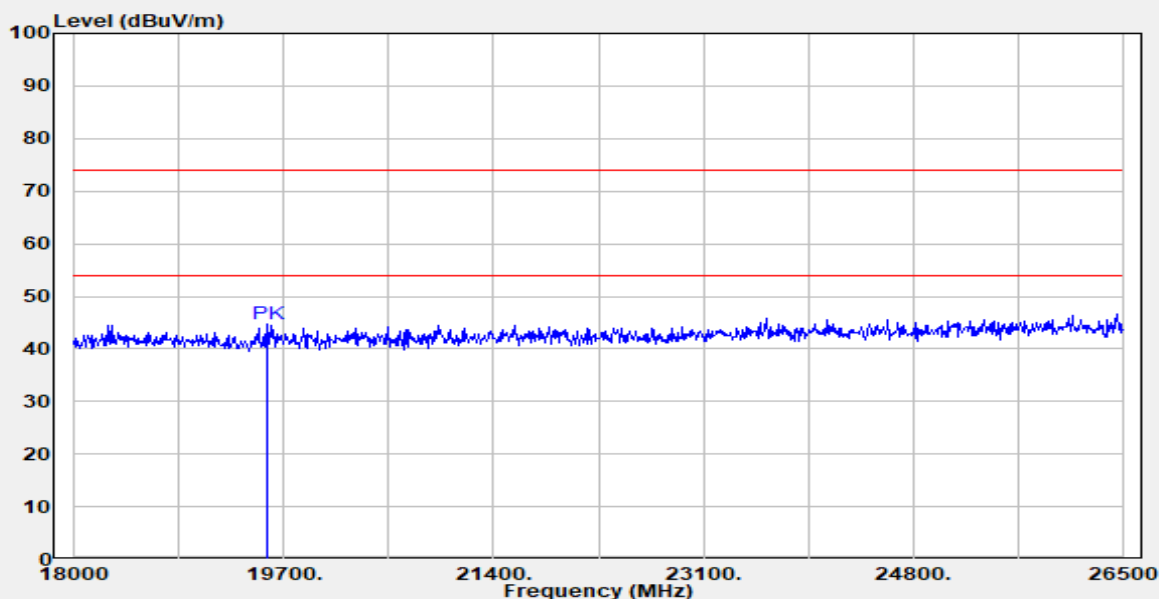
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Report Number :TERF2603000777ER
 Operation Mode :802.11n20
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



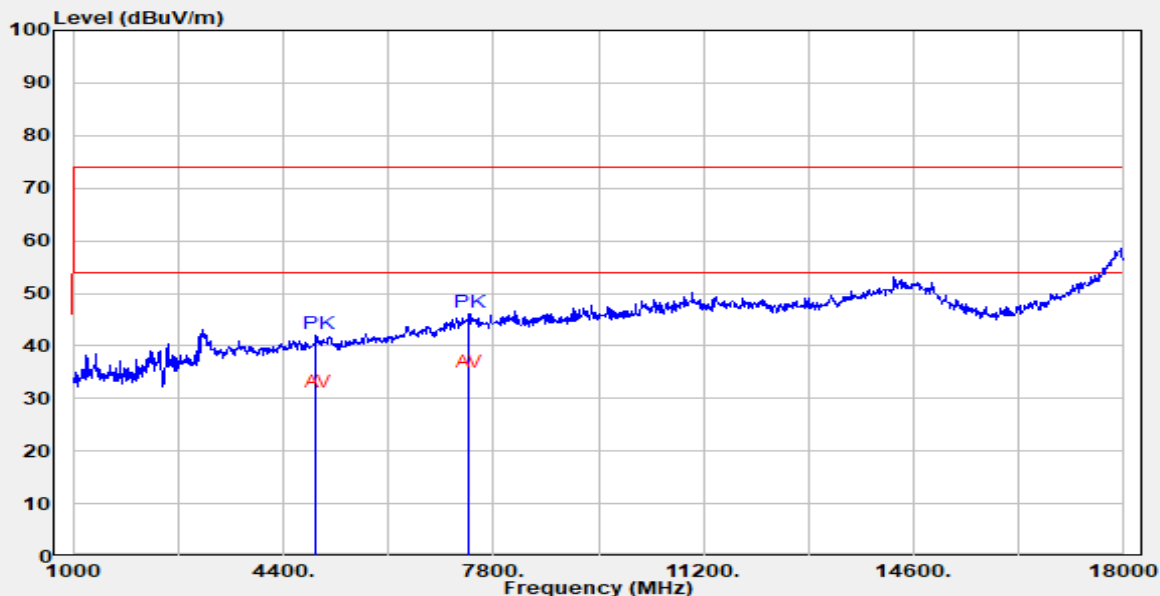
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
19555.50	Peak	44.71	-0.12	44.59	74.00	-29.41

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Report Number :TERF2603000777ER
 Operation Mode :802.11n20
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



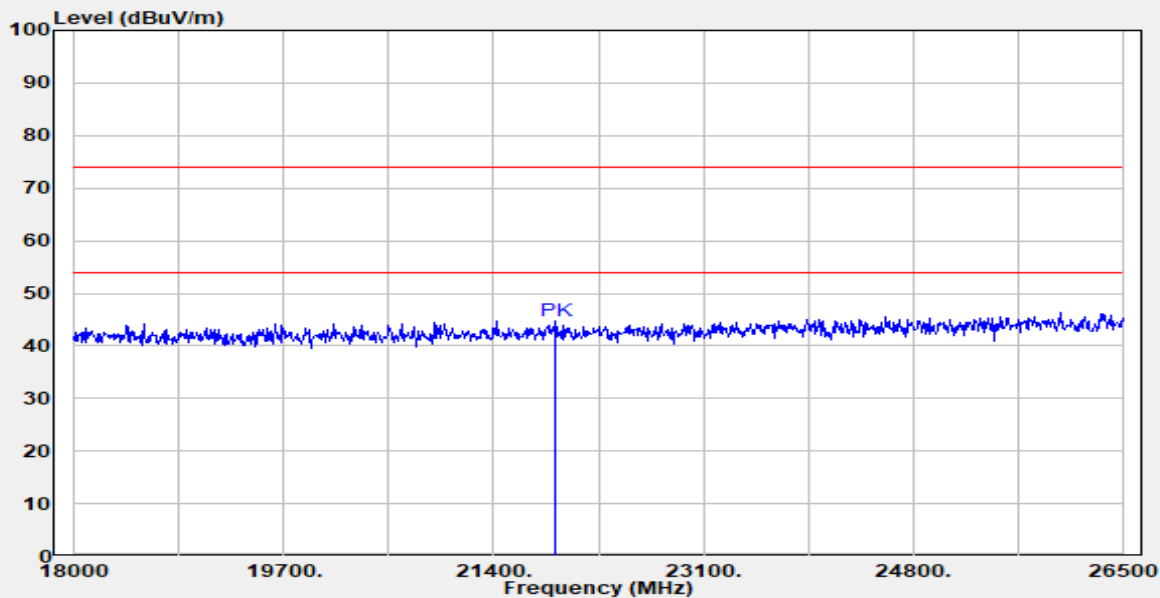
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Peak	41.11	1.28	42.39	74.00	-31.61
4924.00	Average	29.75	1.28	31.03	54.00	-22.97
7386.00	Peak	38.98	7.30	46.28	74.00	-27.72
7386.00	Average	27.53	7.30	34.83	54.00	-19.17

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Report Number :TERF2603000777ER
 Operation Mode :802.11n20
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Vertical
 Engineer :Bob Chao



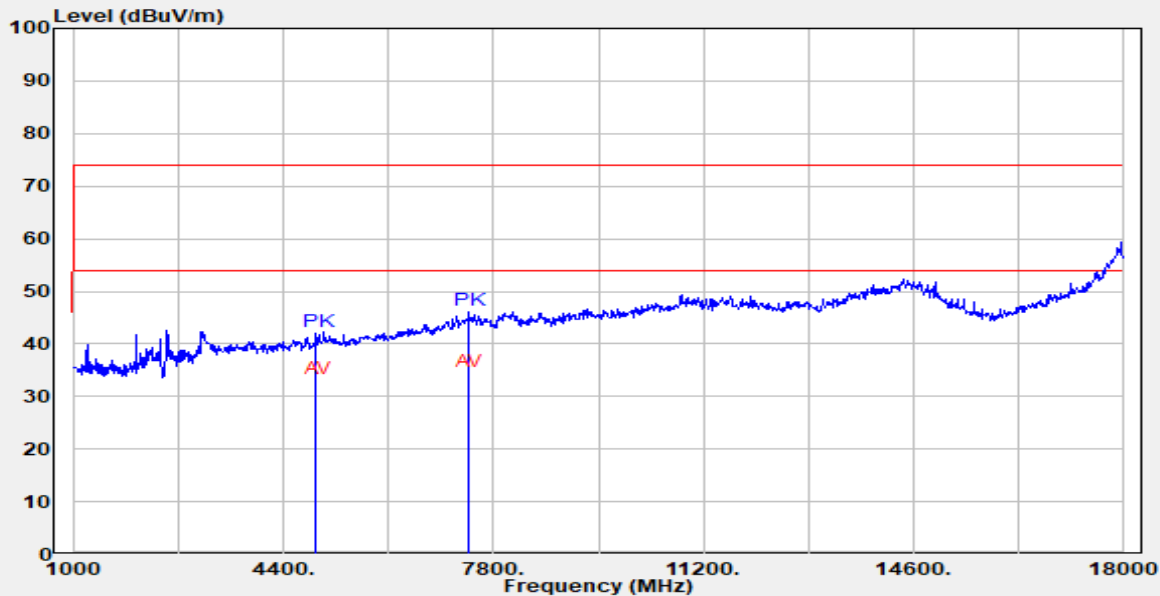
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
21901.50	Peak	41.71	3.10	44.81	74.00	-29.19

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Report Number :TERF2603000777ER
 Operation Mode :802.11n20
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Peak	40.95	1.28	42.23	74.00	-31.77
4924.00	Average	32.12	1.28	33.40	54.00	-20.60
7386.00	Peak	39.07	7.30	46.37	74.00	-27.63
7386.00	Average	27.30	7.30	34.60	54.00	-19.40

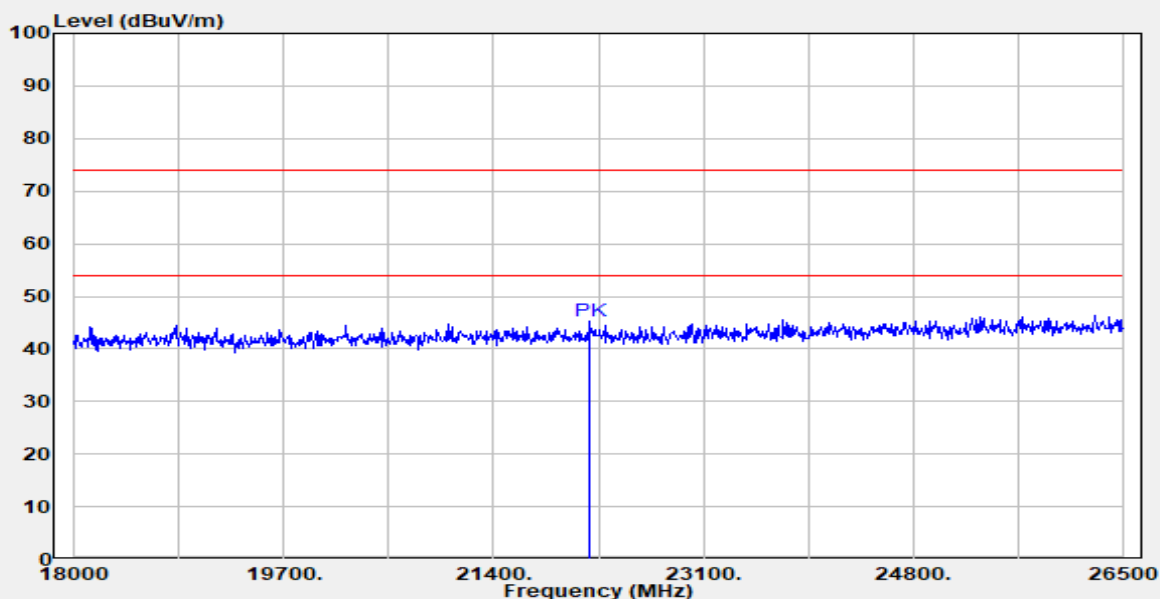
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Report Number :TERF2603000777ER
 Operation Mode :802.11n20
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC 2
 Test Date :2026-03-12
 Temp./Humi. :20.6°C/53%
 Antenna Pol. :Horizontal
 Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
22182.00	Peak	41.69	3.49	45.18	74.00	-28.82

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7.7 AC Power Line Conducted Emission

Report Number :TERF2603000777ER

Operation Mode :2.4G

Power :120V/60Hz

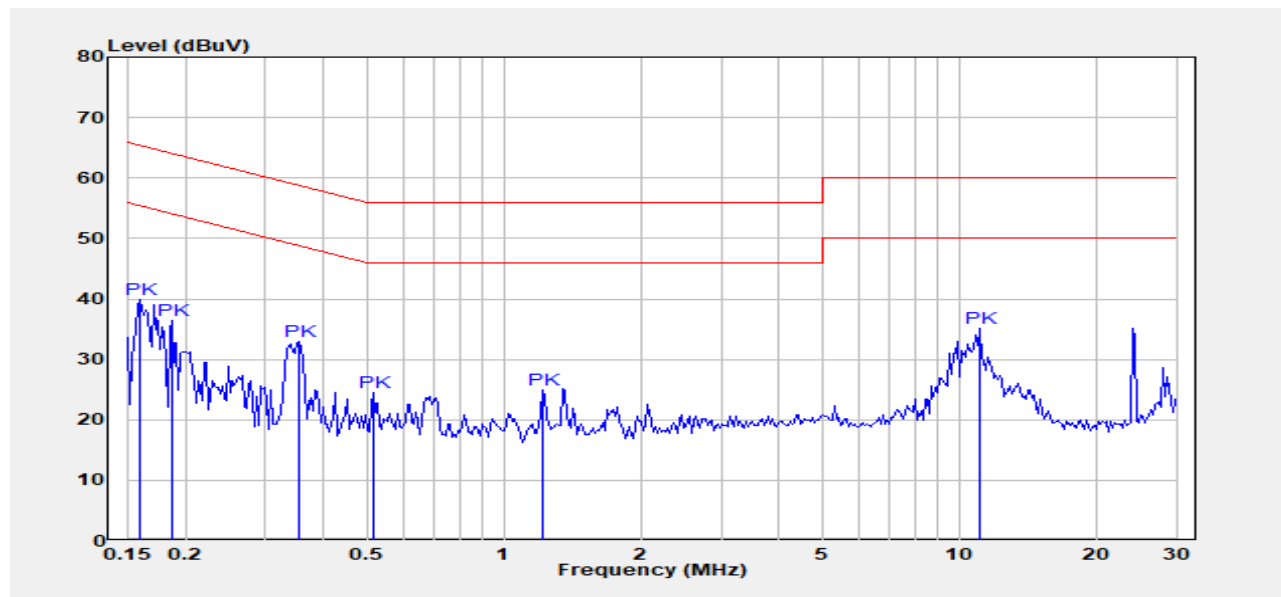
Probe :L

Test Site :Conduction 1

Test Date :2026-03-13

Temp./Humi. :24.0°C/40%

Engineer :Alex Hsu



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS		
MHz	PK/QP/AV	dBμV	dB	dBμV	dBμV	dB
0.158	Peak	29.66	10.13	39.79	65.56	-25.77
0.187	Peak	26.32	10.13	36.45	64.15	-27.71
0.354	Peak	22.81	10.15	32.96	58.87	-25.91
0.518	Peak	14.32	10.17	24.49	56.00	-31.51
1.223	Peak	14.77	10.20	24.96	56.00	-31.04
11.080	Peak	24.74	10.40	35.14	60.00	-24.86

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Report Number :TERF2603000777ER

Operation Mode :2.4G

Power :120V/60Hz

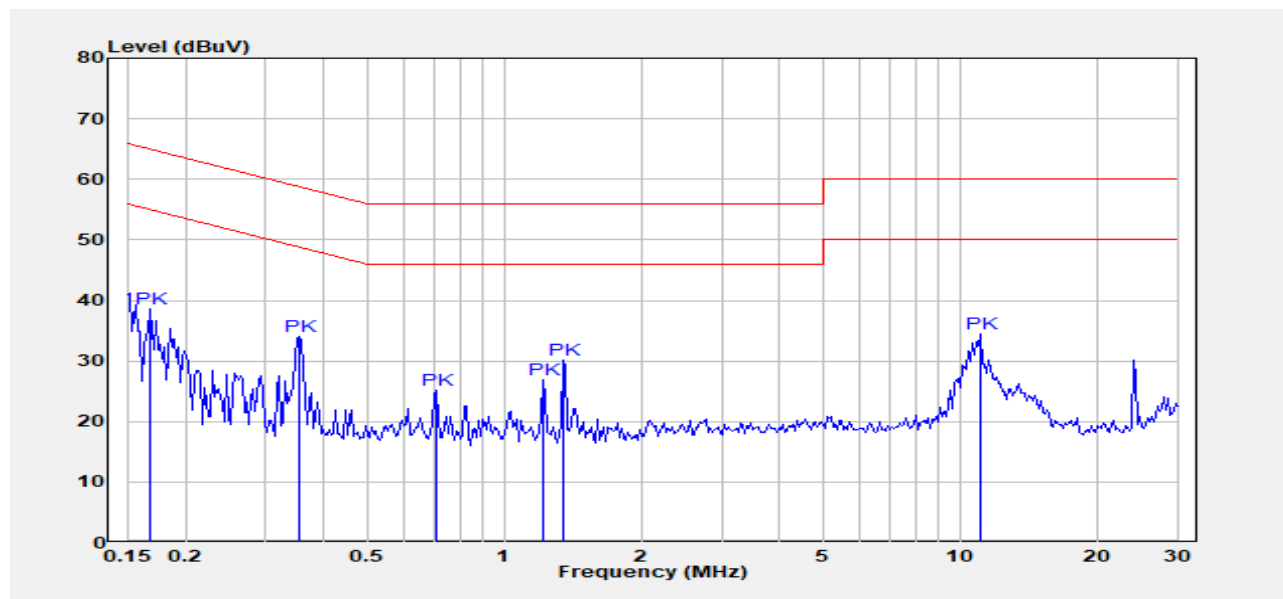
Probe :N

Test Site :Conduction 1

Test Date :2026-03-13

Temp./Humi. :24.0°C/40%

Engineer :Alex Hsu



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS		
MHz	PK/QP/AV	dB μ V	dB	dB μ V	dB μ V	dB
0.167	Peak	28.45	10.12	38.57	65.12	-26.55
0.354	Peak	23.99	10.14	34.13	58.87	-24.74
0.712	Peak	14.99	10.18	25.16	56.00	-30.84
1.223	Peak	16.80	10.19	26.99	56.00	-29.01
1.345	Peak	19.97	10.19	30.16	56.00	-25.84
11.080	Peak	24.00	10.43	34.43	60.00	-25.57

~ End of Report ~

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SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

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