

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT



EUT Description AW-HM677
Applicant: Morse Micro Pty Ltd
Level 8, 10-14 Waterloo St, Surry Hills NSW 2010, Australia
Manufacturer: Morse Micro Pty Ltd
Level 8, 10-14 Waterloo St, Surry Hills NSW 2010, Australia
Brand Name: Azurewave
Model No.: AW-HM677
Report Number: TERF2506001934ER
FCC ID 2A74O-737B5B
Date of EUT Received: June 9, 2025
Date of Test: June 9, 2025 ~ June 20, 2025
Issue Date: August 6, 2025

Approved By Alex Hsieh
Alex Hsieh

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 C63.10:2013 and the energy emitted by the sample EUT comply with FCC rule part §15.247.

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

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Revision History

| Report Number | Revision | Description | Issue Date | Revised By | Remark |
|------------------|----------|--|----------------|-------------|--------|
| TERF2506001934ER | 00 | Class II Permissive Change for variant model number (AW-HM677) and add antenna | July 22, 2025 | Karen Huang | |
| TERF2506001934ER | 01 | Update antenna information and add duty cycle | August 6, 2025 | Karen Huang | * |
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Note:

- 1、The remark "*" indicates modification of the report upon requests from certification body.
- 2、Addendum to the original test report
This test report is an addendum to the original test report **TERF2502000807ER**.
The variant model numbers / trademarks is/are assessed as identical in RF parameters to each other, the HW / SW version change does not affect compliance, hence all variants are fully covered by the test results in this test report with spot check evaluation on Radiated Emission test to demonstrate compliance.

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1 GENERAL INFORMATION

1.1 Product Description

| | |
|---------------------------------|---------------------|
| EUT Description | AW-HM677 |
| Brand Name: | Azurewave |
| Model No.: | AW-HM677 |
| Hardware Version: | v2.1 |
| Firmware Version: | FW 1.15.4 |
| EUT Series No.: | 0-01G27E |
| Power Supply: | 3.3Vdc |
| Test Software (Name/Version) | RF Tester Etna v3.2 |

1.2 RF Specification

| | |
|-------------------|------------|
| Radio Technology: | 802.11ah |
| Frequency Range: | 902~928MHz |
| Modulation type: | OFDM |

1.3 Antenna Designation

| Antenna Type | Freq. (MHz) | Model | Peak Antenna Gain (dBi) |
|--------------|----------------|----------------|-------------------------|
| Dipole | 902~928 | W1063 | 1 |
| | 902~928 | AN0915-5005BSM | 2.34 |

Note: The antenna information is provided by the applicant, and the laboratory shall not be held liable for the accuracy, completeness, or reliability of any applicant-supplied data.

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1.4 Test Methodology of Applied Standards

FCC Part 15, Subpart C §15.247

FCC KDB 558074 D01 15.247 Meas Guidance v05r02

1.5 Test Facility

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

Note: Test site name is remarked on the equipment list in each section of this report as an indication where measurements occurred in specific test site and address.

1.6 Special Accessories

There are no special accessories used while test was conducted.

1.7 Equipment Modifications

There was no modification incorporated into the EUT.

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2 SYSTEM TEST CONFIGURATION

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 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.

2.3 Test Procedure

2.3.1 Radiated Emissions

The EUT is placed on a turn table. For emissions testing at or below 1 GHz, the table height shall be 0.8 m above the reference ground plane. For emission measurements above 1 GHz, the table height shall be 1.5 m. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.

2.4 Measurement Results Explanation Example

2.4.1 Radiated Emission Test Sites For Measurements From 9 kHz To 30 MHz

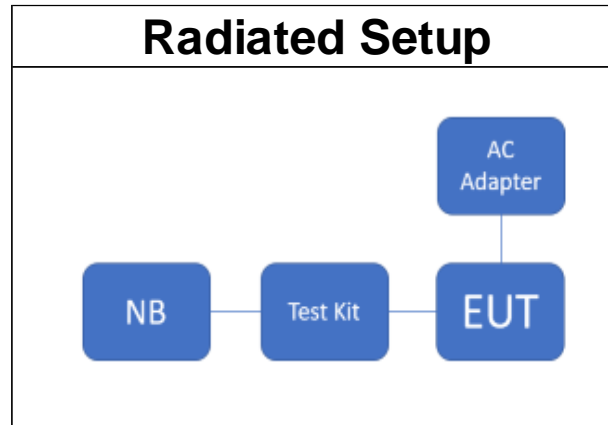
Radiated emission below 30MHz is measured in a 9m*6m*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

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

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2.5 Test Configuration



2.6 Control Unit(s)

| Radiated Emission Test Site: SAC 1 | | | | | |
|------------------------------------|-----|--------------|---------------|---------------------------|--------------------------|
| EQUIPMENT TYPE | MFR | MODEL NUMBER | SERIAL NUMBER | LAST CAL. (mm/dd/yyyy) | CAL DUE. (mm/dd/yyyy) |
| Notebook | HP | HSN-Q35C-4 | 5CD238GDV7 | N/A | N/A |

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3 SUMMARY OF TEST RESULTS

| FCC Rules | Description Of Test | Result |
|----------------------------------|---|-----------|
| §15.205 §15.209 §15.247(d) | Radiated Band Edge and Spurious Emission | Compliant |

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4 DESCRIPTION OF TEST MODES

4.1 Operating Frequencies

| Channel List | OFDM 1M | | OFDM 2M | | OFDM 4M | | OFDM 8M | |
|-----------------|---------|------------|---------|------------|---------|------------|---------|------------|
| | CH | Freq.(MHz) | CH | Freq.(MHz) | CH | Freq.(MHz) | CH | Freq.(MHz) |
| | 1 | 902.5 | 2 | 903 | 8 | 906 | 12 | 908 |
| | 3 | 903.5 | 6 | 905 | 16 | 910 | 28 | 916 |
| | 5 | 904.5 | 10 | 907 | 24 | 914 | 44 | 924 |
| | 7 | 905.5 | 14 | 909 | 32 | 918 | | |
| | 9 | 906.5 | 18 | 911 | 40 | 922 | | |
| | 11 | 907.5 | 22 | 913 | 48 | 926 | | |
| | 13 | 908.5 | 26 | 915 | | | | |
| | 15 | 909.5 | 30 | 917 | | | | |
| | 17 | 910.5 | 34 | 919 | | | | |
| | 19 | 911.5 | 38 | 921 | | | | |
| | 21 | 912.5 | 42 | 923 | | | | |
| | 23 | 913.5 | 46 | 925 | | | | |
| | 25 | 914.5 | 50 | 927 | | | | |
| | 27 | 915.5 | | | | | | |
| | 29 | 916.5 | | | | | | |
| | 31 | 917.5 | | | | | | |
| | 33 | 918.5 | | | | | | |
| | 35 | 919.5 | | | | | | |
| | 37 | 920.5 | | | | | | |
| | 39 | 921.5 | | | | | | |
| | 41 | 922.5 | | | | | | |
| | 43 | 923.5 | | | | | | |
| | 45 | 924.5 | | | | | | |
| | 47 | 925.5 | | | | | | |
| 49 | 926.5 | | | | | | | |
| 51 | 927.5 | | | | | | | |

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4.2 The Worst Test Modes and Channel Details

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. Investigation has been done on all the possible configurations for searching the worst case.

The given UE is pre-scanned among below modes.

| TRANSMIT RADIATED EMISSION TEST (BELOW 1 GHz) | | | | |
|---|-------------------|----------------|------------|------------------|
| MODE | AVAILABLE CHANNEL | TESTED CHANNEL | MODULATION | DATA RATE (Mbps) |
| 802.11ah 1M | 1 to 51 | 1,25,51 | OFDM | MCS0 |
| 802.11ah 2M | 2 to 50 | 2,26,50 | OFDM | MCS0 |
| 802.11ah 4M | 8 to 48 | 8,24,48 | OFDM | MCS0 |
| 802.11ah 8M | 12 to 44 | 12,28,44 | OFDM | MCS0 |
| TRANSMIT RADIATED EMISSION TEST (ABOVE 1 GHz) | | | | |
| MODE | AVAILABLE CHANNEL | TESTED CHANNEL | MODULATION | DATA RATE (Mbps) |
| 802.11ah 1M | 1 to 51 | 3,25,49 | OFDM | MCS0 |
| 802.11ah 2M | 2 to 50 | 6,26,46 | OFDM | MCS0 |
| 802.11ah 4M | 8 to 48 | 8,24,48 | OFDM | MCS0 |
| 802.11ah 8M | 12 to 44 | 12,28,44 | OFDM | MCS0 |

Note:

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.

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5 MEASUREMENT UNCERTAINTY

| Test Items | Uncertainty |
|----------------------------------|-------------|
| AC Power Line Conducted Emission | +/- 1.54 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 | +/- 0.6 °C |
| Humidity | +/- 3 % |
| DC / AC Power Source | +/- 1 % |

| Radiated Spurious Emission Measurement Uncertainty | | | | |
|--|-----|------|----|-----------------|
| Polarization: Vertical | +/- | 1.89 | dB | 9kHz~30MHz |
| | +/- | 4.1 | dB | 30MHz - 1000MHz |
| | +/- | 3.37 | dB | 1GHz - 18GHz |
| | +/- | 3.83 | dB | 18GHz - 40GHz |
| Polarization: Horizontal | +/- | 1.89 | dB | 9kHz~30MHz |
| | +/- | 4.1 | dB | 30MHz - 1000MHz |
| | +/- | 3.37 | dB | 1GHz - 18GHz |
| | +/- | 3.83 | dB | 18GHz - 40GHz |
| Radiated Spurious Emission | +/- | 2 | 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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6 MEASUREMENT EQUIPMENT USED

6.1 Radiated Measurement

| Radiated Emission Test Site: SAC 1 | | | | | |
|------------------------------------|---------------|-------------------------------------|--------------------------------|---------------------------|--------------------------|
| EQUIPMENT TYPE | MFR | MODEL NUMBER | SERIAL NUMBER | LAST CAL. (mm/dd/yyyy) | CAL DUE. (mm/dd/yyyy) |
| 1.3G High Pass Filter | Woken | WHKX10-1066 | 19 | 12/11/2024 | 12/10/2025 |
| Attenuator | Mini-Circuits | BW-S10W2+ | 3 | 12/11/2024 | 12/10/2025 |
| Attenuator | Mini-Circuits | BW-S20W5 | 3 | 12/11/2024 | 12/10/2025 |
| Band Reject Filter 902-928 | Titan | T04N90292850S02 | 24090402-1 | 10/15/2024 | 10/14/2025 |
| Bi-log Antenna | TESEO | CBL 6112D | 35242 & AT-N0555 | 01/23/2025 | 01/22/2026 |
| Coaxial Cable | EMCI | EMC104-SM-SM-8000+EMC106-SM-SM-7600 | RX Cable 9K-18G(160125+150817) | 08/30/2024 | 08/29/2025 |
| EMI Test Receiver | R&S | ESCI 7 | 100759 | 08/28/2024 | 08/27/2025 |
| EXA Spectrum Analyzer | KEYSIGHT | N9010B | MY60242081 | 10/23/2024 | 10/22/2025 |
| Horn Antenna | SCHWARZBECK | BBHA9120D | D803 | 01/09/2025 | 01/08/2026 |
| Loop Antenna | COM-POWER | AL-130R | 10160104 | 12/19/2024 | 12/18/2025 |
| Pre-Amplifier | EMCI | EMC118A45SEE | 980933 | 08/30/2024 | 08/29/2025 |
| Pre-Amplifier | HP | 8447D | 2944A09469 | 08/30/2024 | 08/29/2025 |
| Site Cal | SGS | SAC 1 | N/A | 08/30/2024 | 08/29/2025 |
| 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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7 RADIATED BANDEDGE AND SPURIOUS EMISSION MEASUREMENT

7.1 Standard Applicable

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. In addition, radiated emissions which fall in the restricted bands must also comply with the §15.209 limit as below.

And according to §15.33(a) (1), for an intentional radiator operates below 10GHz, the frequency range of measurements: to the tenth harmonic of the highest fundamental frequency or to 40GHz, whichever is lower.

| Frequency (MHz) | Field strength (microvolts/meter) | Distance (meters) |
|-----------------|-----------------------------------|-------------------|
| 0.009-0.490 | 2400/F(kHz) | 300 |
| 0.490-1.705 | 24000/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:

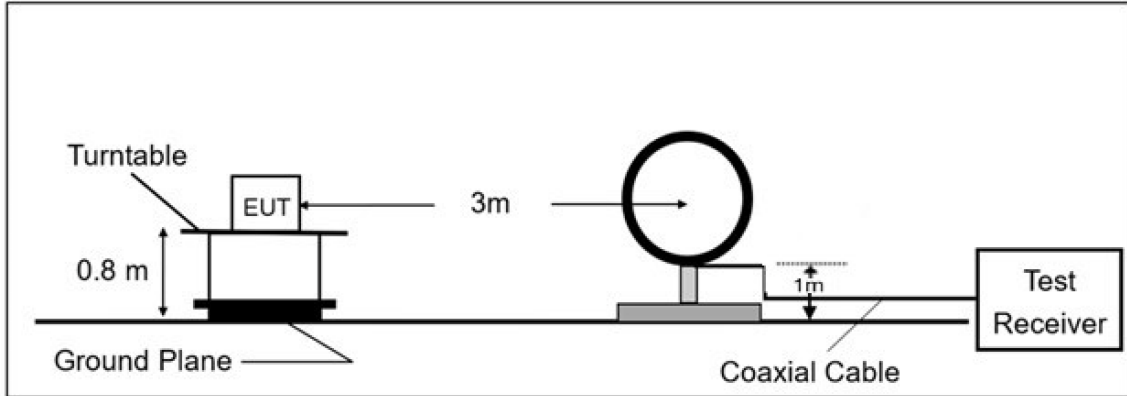
1. The lower limit shall apply at the transition frequencies.

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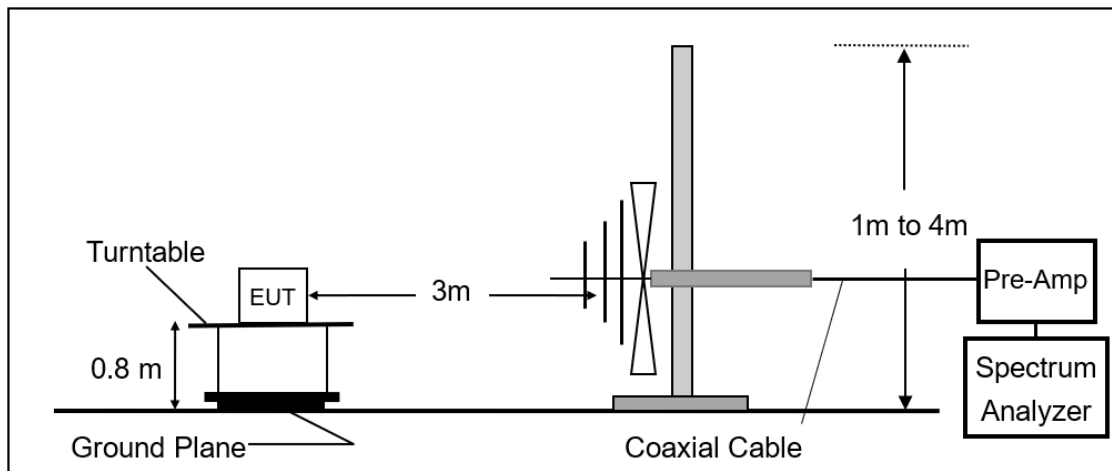
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7.2 Test Setup

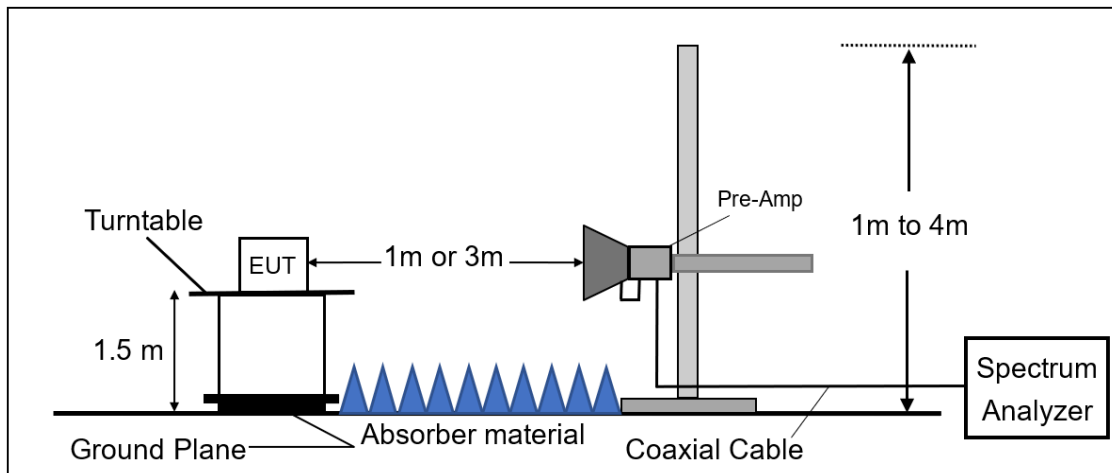
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



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



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



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7.3 Measurement Procedure

1. The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance.
2. The EUT was placed on a turn table with 0.8m for frequency < 1GHz and 1.5m for frequency > 1GHz above ground plane.
3. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
4. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
5. Set the spectrum analyzer as RBW=100 kHz and VBW=300 kHz for Peak Detector (PK) at frequency between 30MHz and 1 GHz.
6. Use receiver mode as RBW=120 kHz for Quasi-peak (QP) at frequency between 30MHz and 1 GHz.
7. Set the spectrum analyzer as RBW=1 MHz, VBW=3 MHz, Detector= Peak for Maximum Emission Measurements at frequency above 1 GHz.
8. Set the spectrum analyzer as RBW=1 MHz, VBW=3 MHz, Detector= RMS correction factor is $[10 \log (1 / D)]$ for Average Emission measurements at frequency above 1 GHz **when $D \geq 98\%$** . If a specific emission is demonstrated to be continuous ($D \geq 98\%$) rather than turning ON and OFF with the transmit cycle, then no duty cycle correction is required for that emission, where D is the duty cycle.
9. Set the spectrum analyzer as RBW=1 MHz, VBW $\geq 1/T$ **when $D < 98\%$** for Average Emission Measurements at frequency above 1 GHz.
10. When measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.
11. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
12. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. On spectrum, change spectrum mode in linear display mode, and reduce VBW = 10Hz if average reading is measured.
13. Repeat above procedures until all default test channel measured were complete.

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7.4 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

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

Where *FS = Field Strength*

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

The limit of the emission level is expressed in dBuV/m, which converts $20 \cdot \log(uV/m)$

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dB/m) + Cable Loss(dB) – Pre_Amplifier Gain(dB)

7.5 Test Results of Radiated Spurious Emissions from 9 kHz to 30 MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit per 15.31(o) was not reported.

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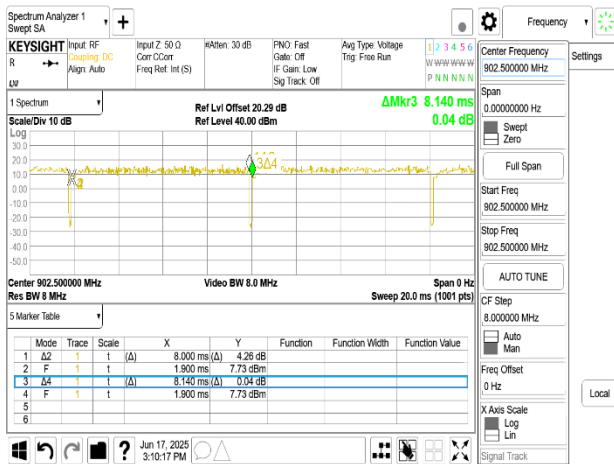
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7.6 Measurement Result:

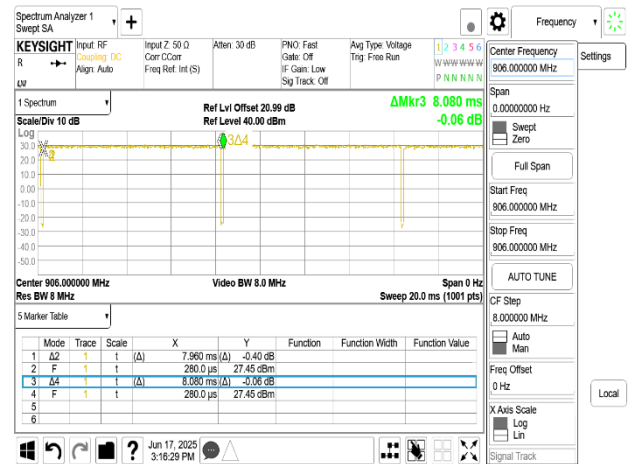
7.6.1 Duty Cycle

| | Duty Cycle (%) = Ton / (Ton+Toff) | Duty Factor (dB) =10*log (1/Duty Cycle) | 1/T (kHz) | VBW setting (kHz) |
|---------|--------------------------------------|---|-----------|----------------------|
| OFDM_1M | 98.28 | 0.08 | 0.13 | 0.01 |
| OFDM_2M | 98.27 | 0.08 | 0.13 | 0.01 |
| OFDM_4M | 98.51 | 0.07 | 0.13 | 0.01 |
| OFDM_8M | 96.57 | 0.15 | 0.25 | 1.00 |

OFDM_1M_902.5MHz



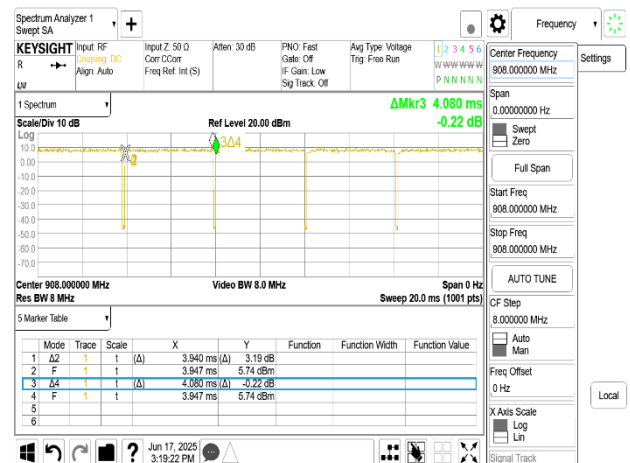
OFDM_4M_906MHz



OFDM_2M_903MHz



OFDM_8M_908MHz



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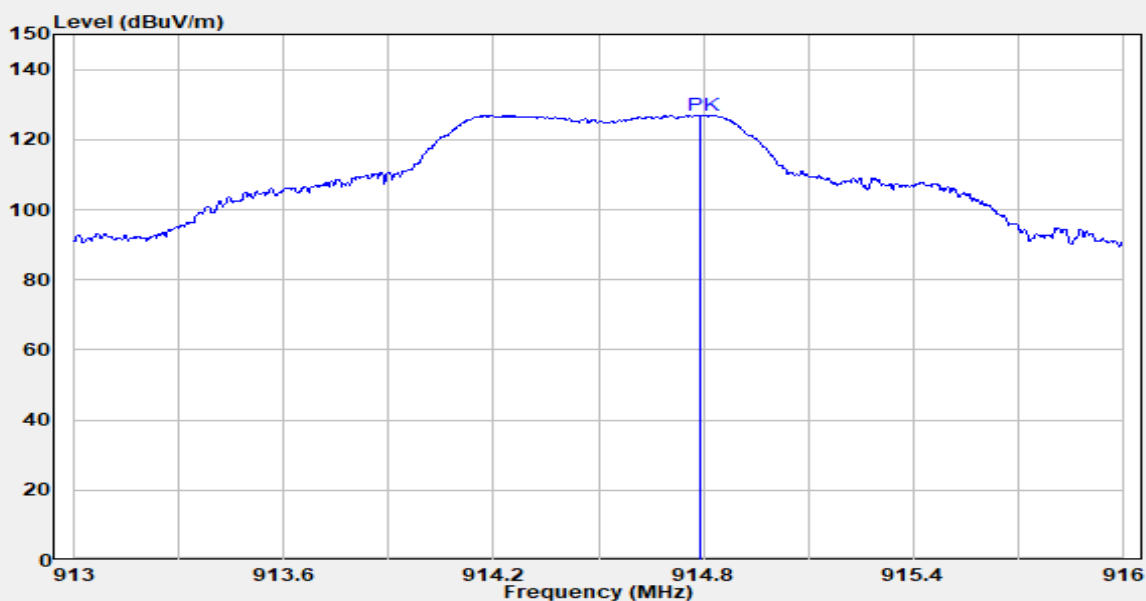
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7.6.2 Radiated Main Measurement Result

Report Number :TERF2506001934ER
 Operation Mode :802.11ah 1M
 Test Frequency :914.5 MHz
 Test Mode :Main
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.7°C/66%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dB μ V | Factor dB | Actual FS dB μ V/m | Limit @3m dB μ V/m | Margin dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 914.794 | Peak | 126.04 | 0.99 | 127.03 | - | - |

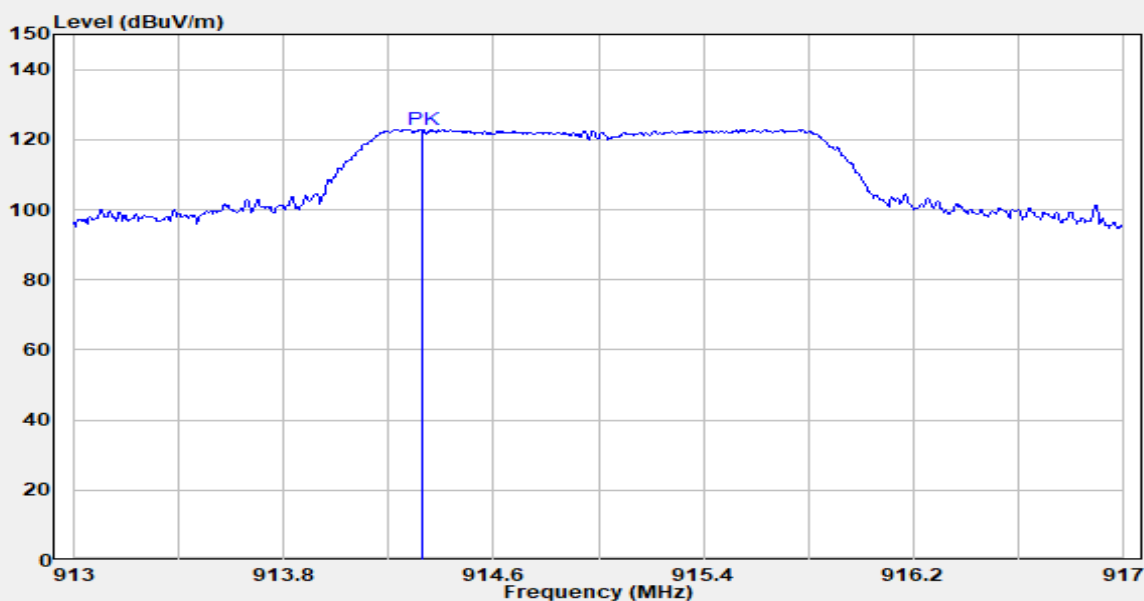
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Report Number :TERF2506001934ER
Operation Mode :802.11ah 2M
Test Frequency :915 MHz
Test Mode :Main
EUT Pol :H Plane

Test Site :SAC 1
Test Date :2025-06-18
Temp./Humi. :22.8°C/68%
Antenna Pol. :Vertical
Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 914.328 | Peak | 121.90 | 0.99 | 122.89 | - | - |

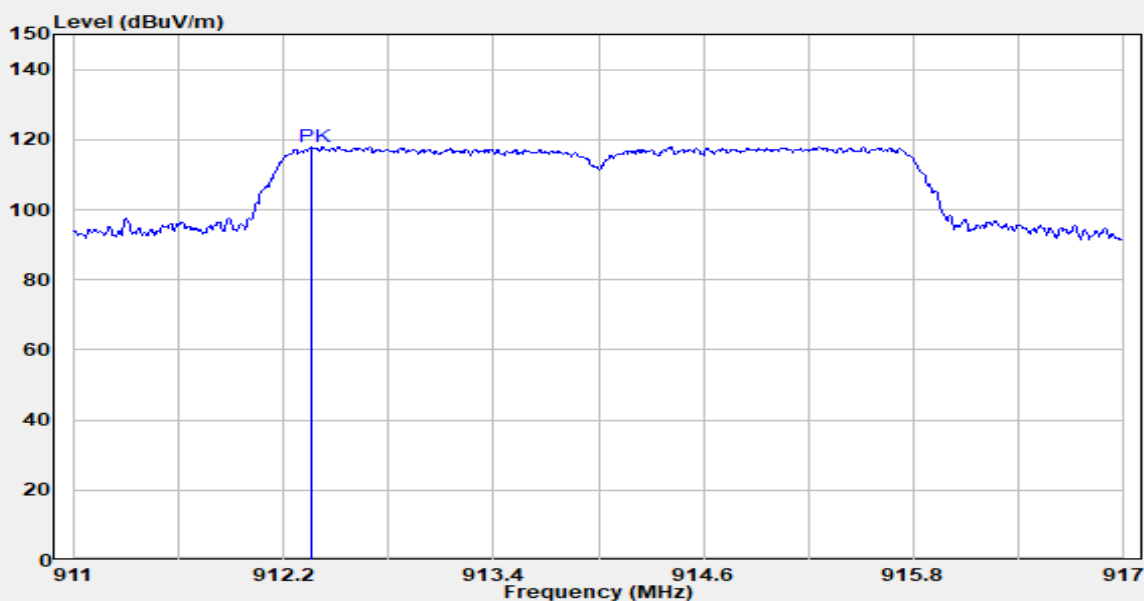
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Report Number :TERF2506001934ER
Operation Mode :802.11ah 4M
Test Frequency :914 MHz
Test Mode :Main
EUT Pol :H Plane

Test Site :SAC 1
Test Date :2025-06-18
Temp./Humi. :22.8°C/68%
Antenna Pol. :Vertical
Engineer :WJ Lin



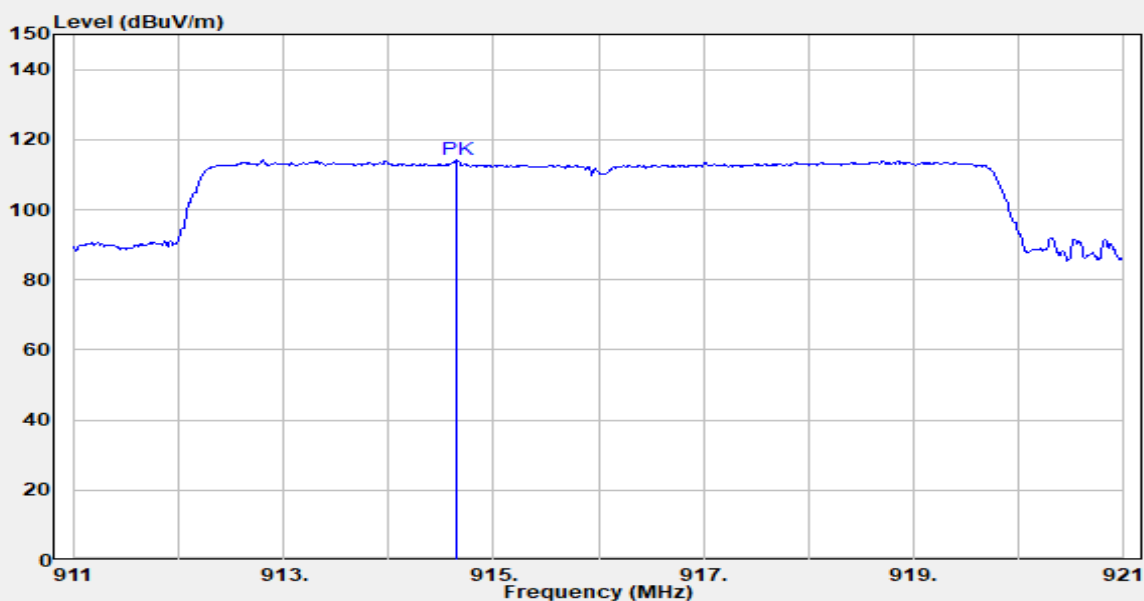
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 912.362 | Peak | 116.86 | 0.98 | 117.83 | - | - |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 8M
 Test Frequency :916 MHz
 Test Mode :Main
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 914.650 | Peak | 113.07 | 0.99 | 114.07 | - | - |

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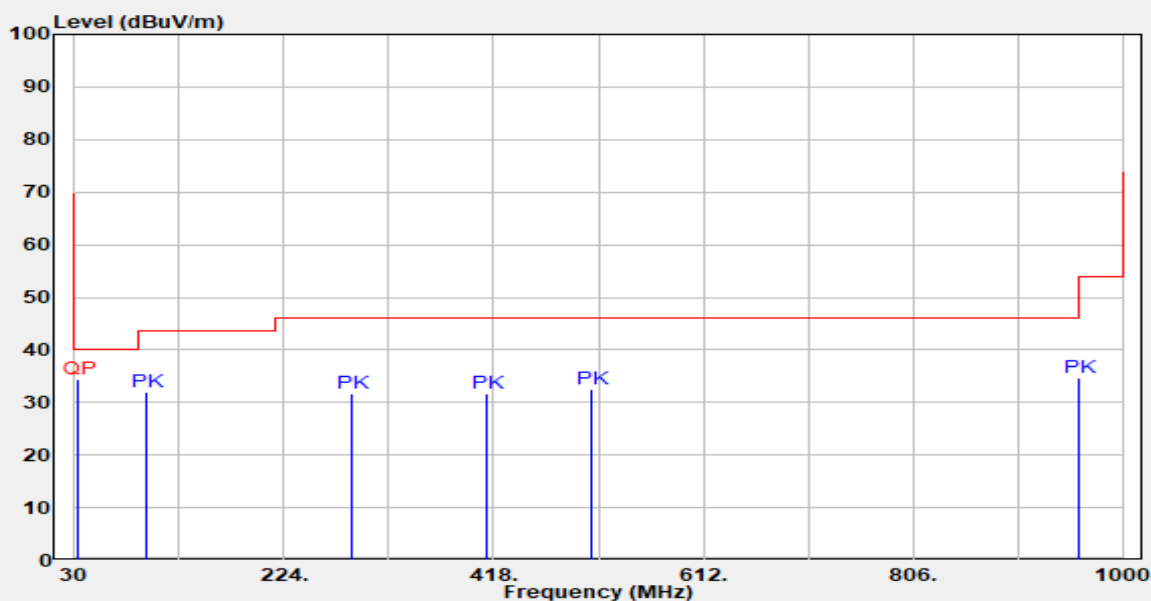
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7.6.3 Radiated Spurious Emission

Report Number :TERF2506001934ER
 Operation Mode :802.11ah 1M
 Test Frequency :902.5 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 33.880 | QP | 40.92 | -6.63 | 34.29 | 40.00 | -5.71 |
| 96.930 | Peak | 45.43 | -13.45 | 31.98 | 43.50 | -11.52 |
| 287.050 | Peak | 40.35 | -8.71 | 31.64 | 46.00 | -14.36 |
| 411.210 | Peak | 37.30 | -5.51 | 31.79 | 46.00 | -14.21 |
| 509.180 | Peak | 36.99 | -4.46 | 32.53 | 46.00 | -13.47 |
| 960.000 | Peak | 32.57 | 2.21 | 34.78 | 46.00 | -11.22 |

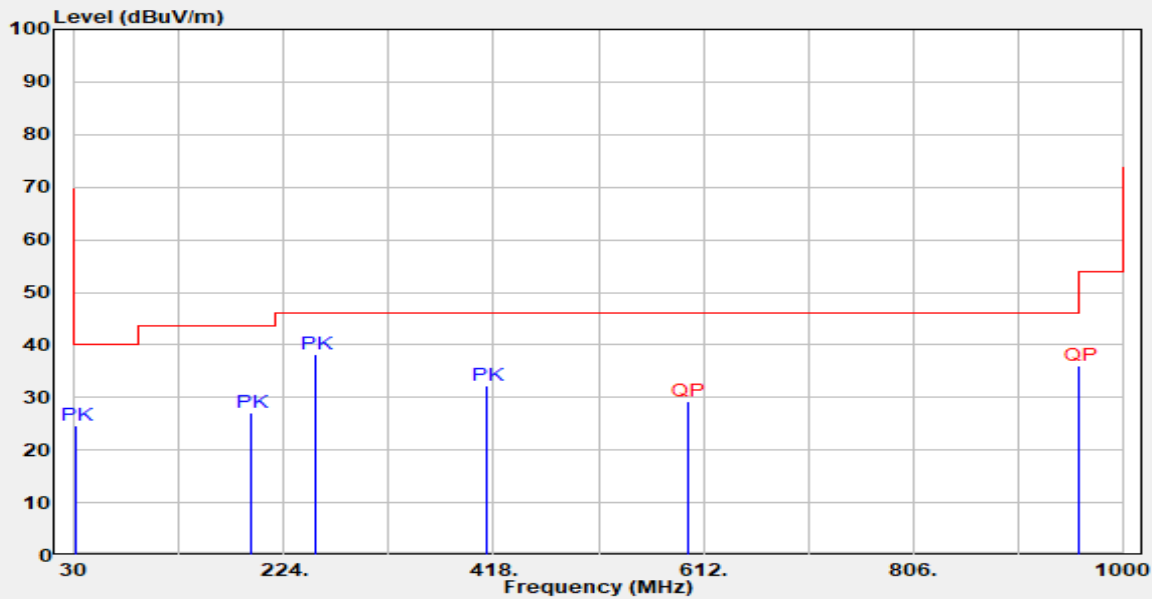
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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 1M
 Test Frequency :902.5 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 30.970 | Peak | 30.27 | -5.56 | 24.71 | 40.00 | -15.29 |
| 193.930 | Peak | 40.54 | -13.45 | 27.09 | 43.50 | -16.41 |
| 253.100 | Peak | 47.28 | -9.01 | 38.28 | 46.00 | -7.72 |
| 411.210 | Peak | 37.85 | -5.51 | 32.33 | 46.00 | -13.67 |
| 597.450 | QP | 32.15 | -2.95 | 29.20 | 46.00 | -16.80 |
| 960.000 | QP | 33.85 | 2.21 | 36.06 | 46.00 | -9.94 |

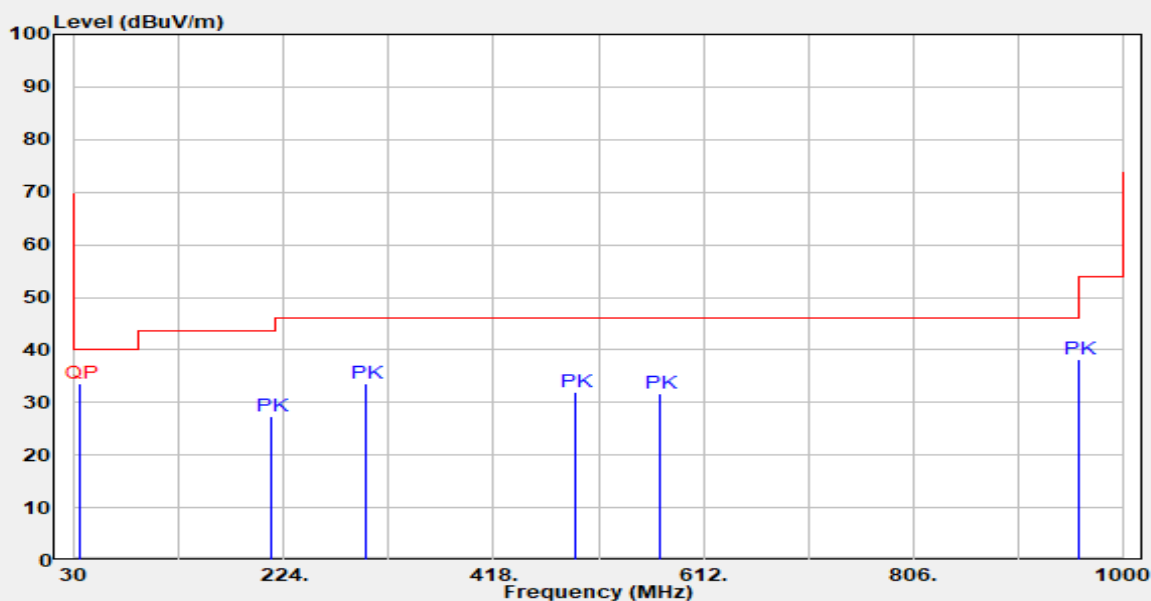
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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 1M
 Test Frequency :914.5 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



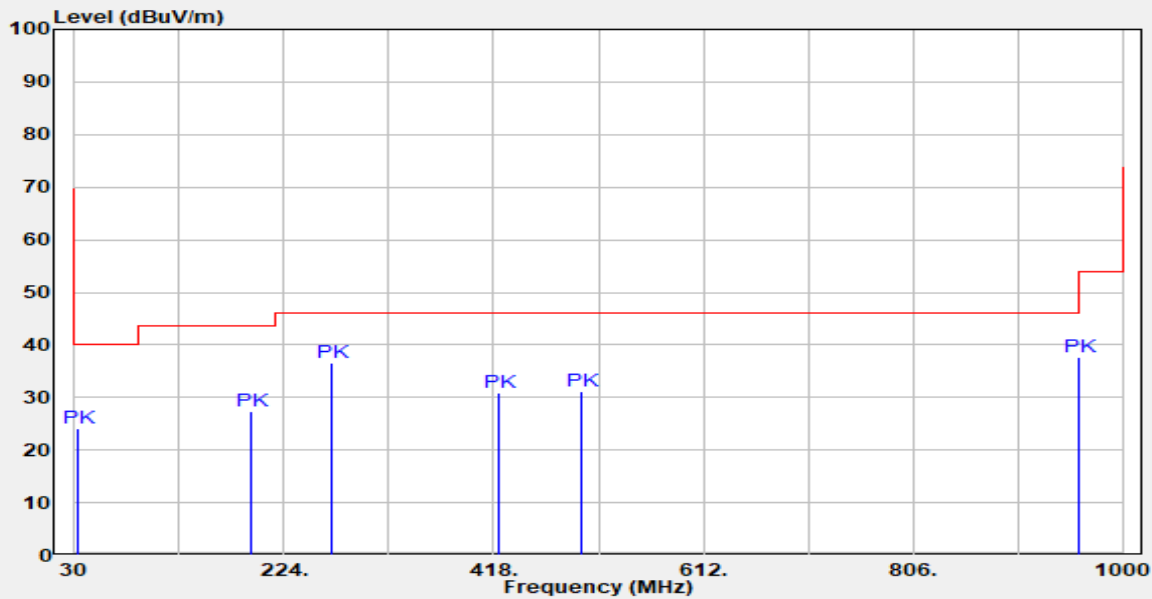
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 34.850 | QP | 40.62 | -6.96 | 33.66 | 40.00 | -6.34 |
| 211.390 | Peak | 40.32 | -13.05 | 27.27 | 43.50 | -16.23 |
| 299.660 | Peak | 41.97 | -8.34 | 33.63 | 46.00 | -12.37 |
| 493.660 | Peak | 36.58 | -4.57 | 32.01 | 46.00 | -13.99 |
| 571.260 | Peak | 34.72 | -2.98 | 31.74 | 46.00 | -14.26 |
| 960.000 | Peak | 35.89 | 2.21 | 38.10 | 46.00 | -7.90 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 1M
 Test Frequency :914.5 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 32.910 | Peak | 30.64 | -6.49 | 24.15 | 40.00 | -15.85 |
| 192.960 | Peak | 40.74 | -13.46 | 27.28 | 43.50 | -16.22 |
| 267.650 | Peak | 45.13 | -8.63 | 36.50 | 46.00 | -9.50 |
| 422.850 | Peak | 36.30 | -5.32 | 30.98 | 46.00 | -15.02 |
| 498.510 | Peak | 35.86 | -4.58 | 31.29 | 46.00 | -14.71 |
| 960.000 | Peak | 35.48 | 2.21 | 37.69 | 46.00 | -8.31 |

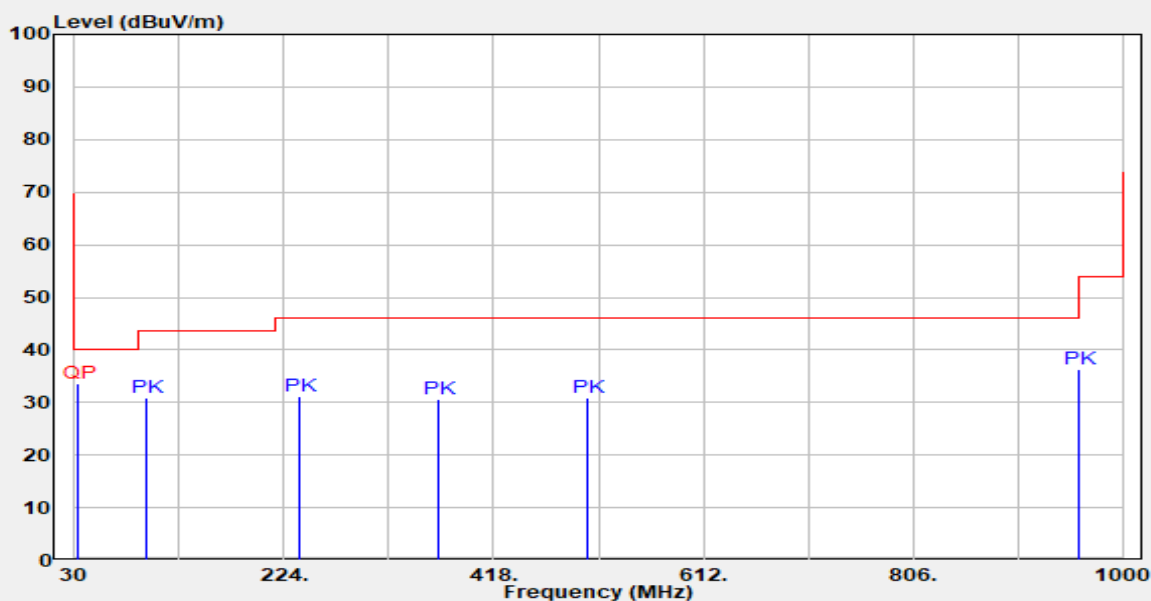
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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 1M
 Test Frequency :927.5MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



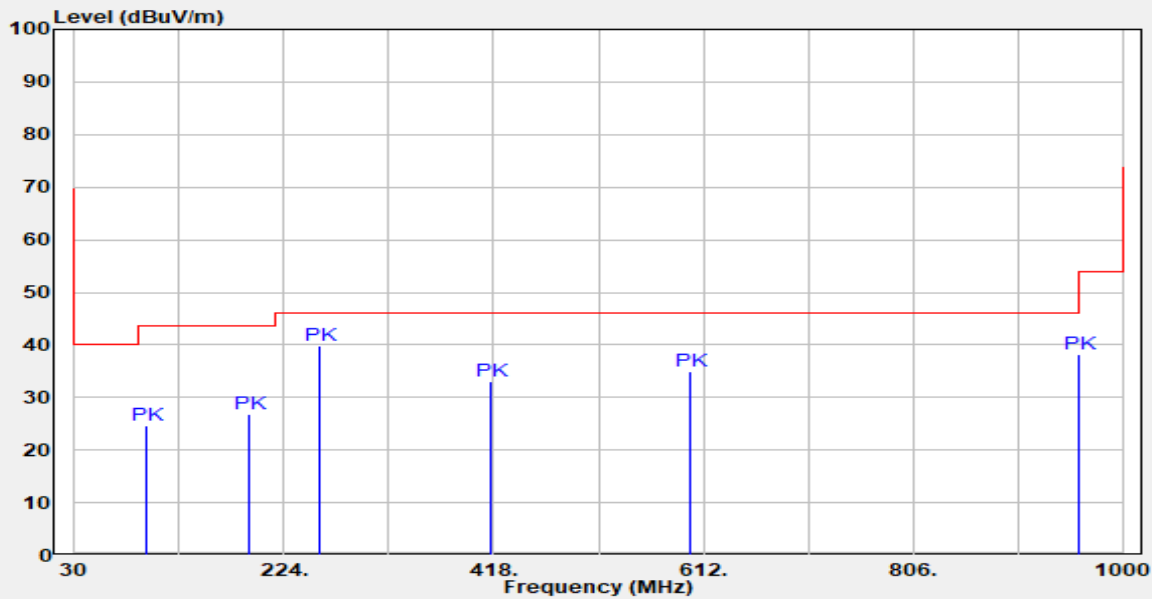
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 33.880 | QP | 40.31 | -6.63 | 33.68 | 40.00 | -6.32 |
| 95.960 | Peak | 44.46 | -13.66 | 30.80 | 43.50 | -12.70 |
| 237.580 | Peak | 42.14 | -11.00 | 31.14 | 46.00 | -14.86 |
| 367.560 | Peak | 37.45 | -6.95 | 30.51 | 46.00 | -15.49 |
| 504.330 | Peak | 35.51 | -4.48 | 31.03 | 46.00 | -14.97 |
| 960.000 | Peak | 34.17 | 2.21 | 36.38 | 46.00 | -9.62 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 1M
 Test Frequency :927.5MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 95.960 | Peak | 38.43 | -13.66 | 24.77 | 43.50 | -18.73 |
| 191.020 | Peak | 40.27 | -13.58 | 26.69 | 43.50 | -16.81 |
| 256.010 | Peak | 48.53 | -8.63 | 39.90 | 46.00 | -6.10 |
| 416.060 | Peak | 38.45 | -5.30 | 33.16 | 46.00 | -12.84 |
| 599.390 | Peak | 37.91 | -2.94 | 34.96 | 46.00 | -11.04 |
| 960.000 | Peak | 36.02 | 2.21 | 38.23 | 46.00 | -7.77 |

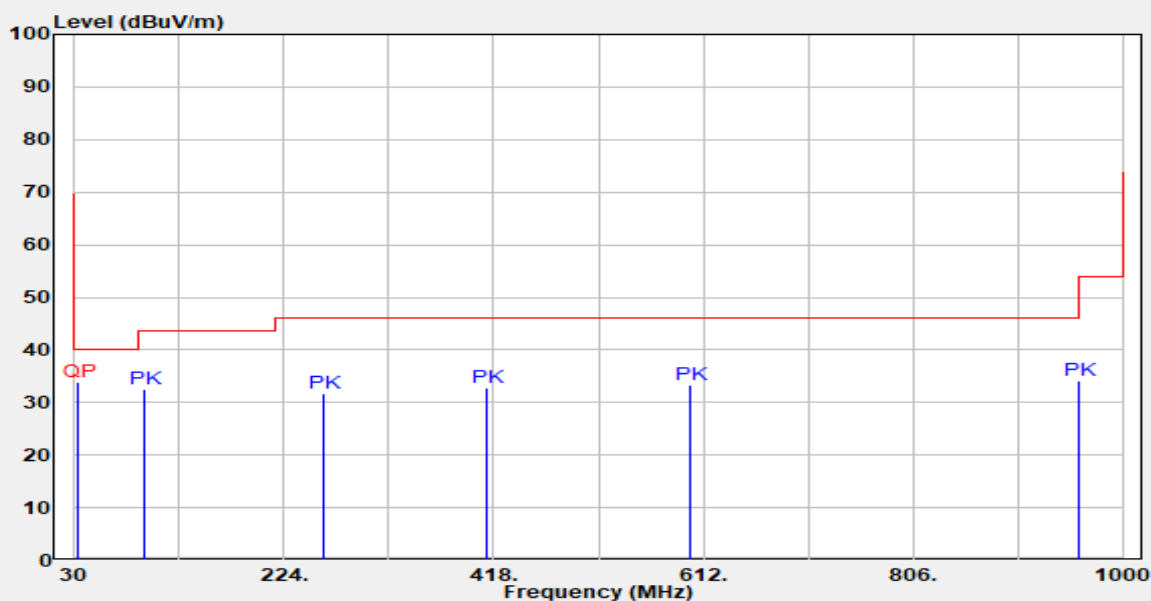
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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 2M
 Test Frequency :903MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



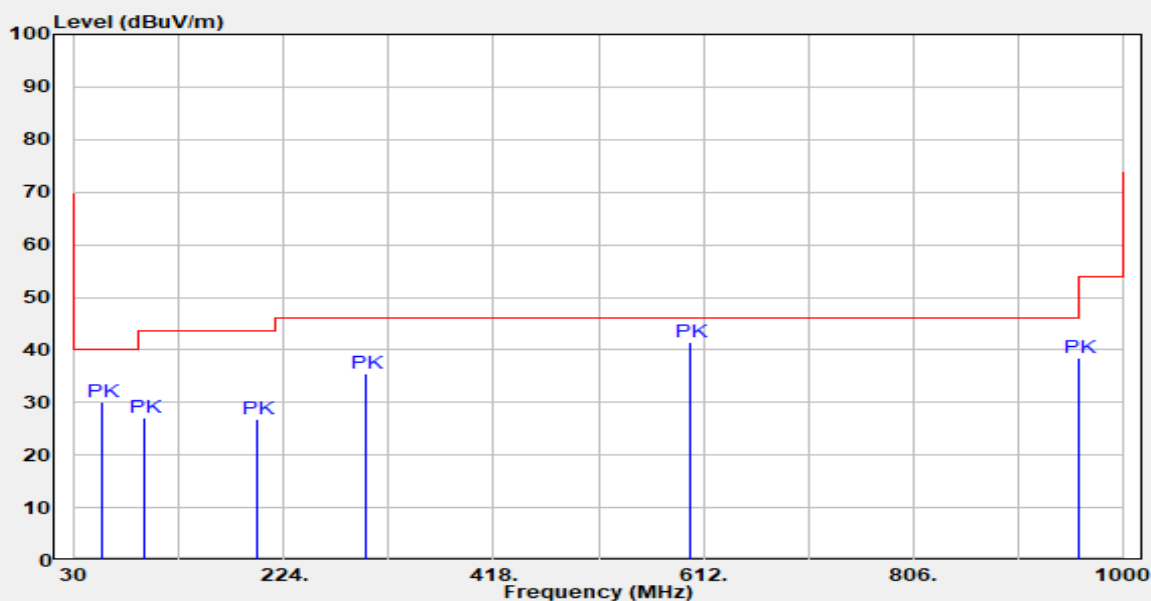
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 33.880 | QP | 40.60 | -6.63 | 33.97 | 40.00 | -6.03 |
| 94.990 | Peak | 46.59 | -13.96 | 32.62 | 43.50 | -10.88 |
| 260.860 | Peak | 39.92 | -8.16 | 31.76 | 46.00 | -14.24 |
| 411.210 | Peak | 38.27 | -5.51 | 32.76 | 46.00 | -13.24 |
| 599.390 | Peak | 36.34 | -2.94 | 33.40 | 46.00 | -12.60 |
| 960.000 | Peak | 32.06 | 2.21 | 34.27 | 46.00 | -11.73 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 2M
 Test Frequency :903MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



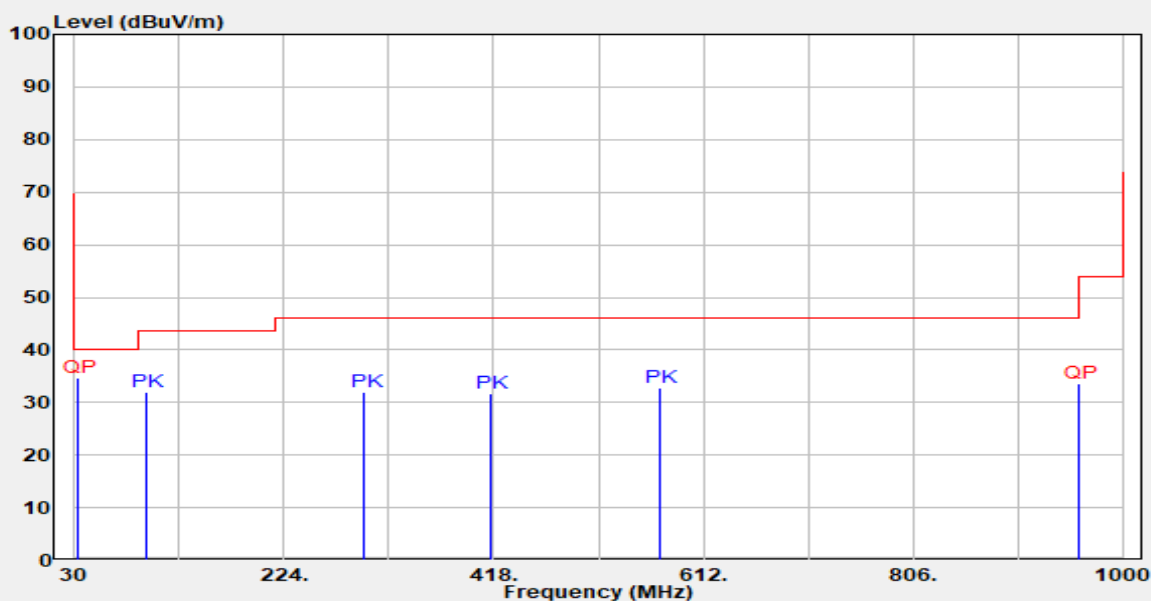
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 55.220 | Peak | 47.72 | -17.57 | 30.15 | 40.00 | -9.85 |
| 94.990 | Peak | 40.95 | -13.96 | 26.99 | 43.50 | -16.51 |
| 199.750 | Peak | 40.02 | -13.12 | 26.90 | 43.50 | -16.60 |
| 299.660 | Peak | 43.97 | -8.34 | 35.63 | 46.00 | -10.37 |
| 599.390 | Peak | 44.42 | -2.94 | 41.48 | 46.00 | -4.52 |
| 960.000 | Peak | 36.19 | 2.21 | 38.40 | 46.00 | -7.60 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 2M
 Test Frequency :915MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 33.880 | QP | 41.40 | -6.63 | 34.77 | 40.00 | -5.23 |
| 96.930 | Peak | 45.52 | -13.45 | 32.06 | 43.50 | -11.44 |
| 298.690 | Peak | 40.41 | -8.36 | 32.05 | 46.00 | -13.95 |
| 415.090 | Peak | 37.12 | -5.30 | 31.83 | 46.00 | -14.17 |
| 571.260 | Peak | 35.66 | -2.98 | 32.68 | 46.00 | -13.32 |
| 960.000 | QP | 31.34 | 2.21 | 33.55 | 46.00 | -12.45 |

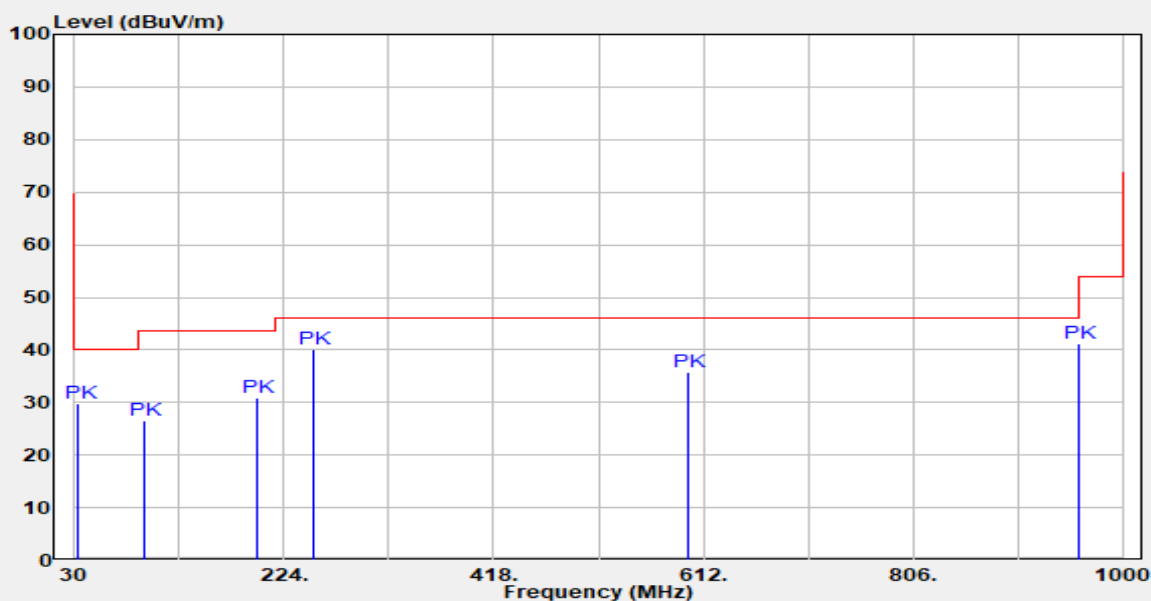
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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 2M
 Test Frequency :915MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



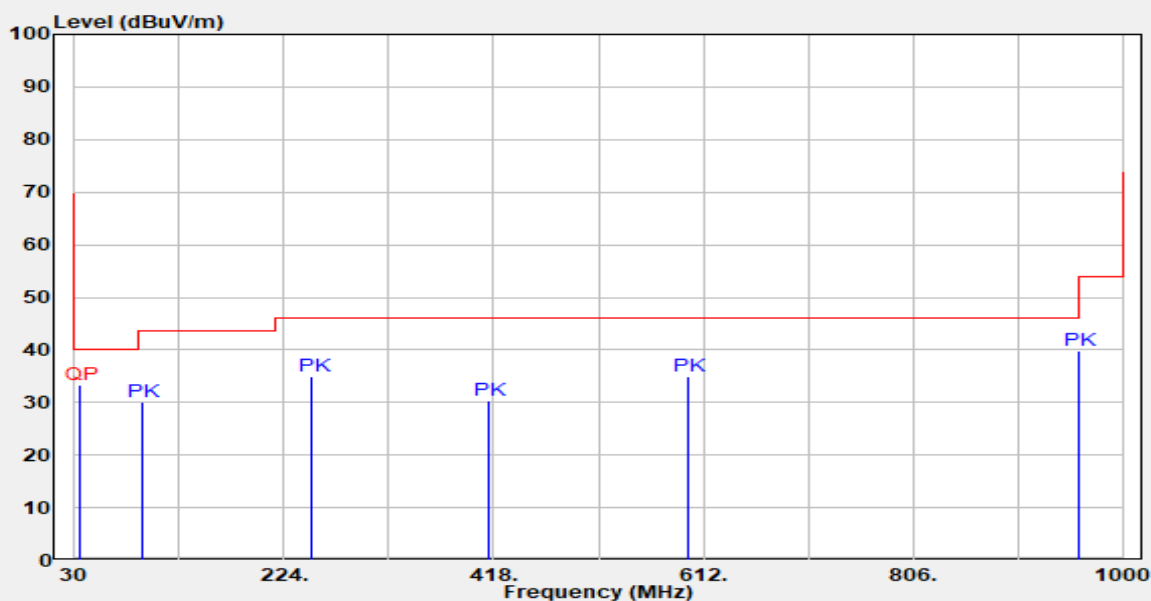
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 33.880 | Peak | 36.46 | -6.63 | 29.83 | 40.00 | -10.17 |
| 94.020 | Peak | 40.58 | -14.07 | 26.51 | 43.50 | -16.99 |
| 199.750 | Peak | 43.95 | -13.12 | 30.83 | 43.50 | -12.67 |
| 251.160 | Peak | 49.32 | -9.26 | 40.06 | 46.00 | -5.94 |
| 597.450 | Peak | 38.74 | -2.95 | 35.79 | 46.00 | -10.21 |
| 960.000 | Peak | 38.86 | 2.21 | 41.07 | 46.00 | -4.93 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 2M
 Test Frequency :927MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 34.850 | QP | 40.20 | -6.96 | 33.24 | 40.00 | -6.76 |
| 92.080 | Peak | 44.67 | -14.56 | 30.11 | 43.50 | -13.39 |
| 250.190 | Peak | 44.21 | -9.39 | 34.83 | 46.00 | -11.17 |
| 414.120 | Peak | 35.70 | -5.35 | 30.36 | 46.00 | -15.64 |
| 598.420 | Peak | 37.83 | -2.94 | 34.89 | 46.00 | -11.11 |
| 960.000 | Peak | 37.51 | 2.21 | 39.72 | 46.00 | -6.28 |

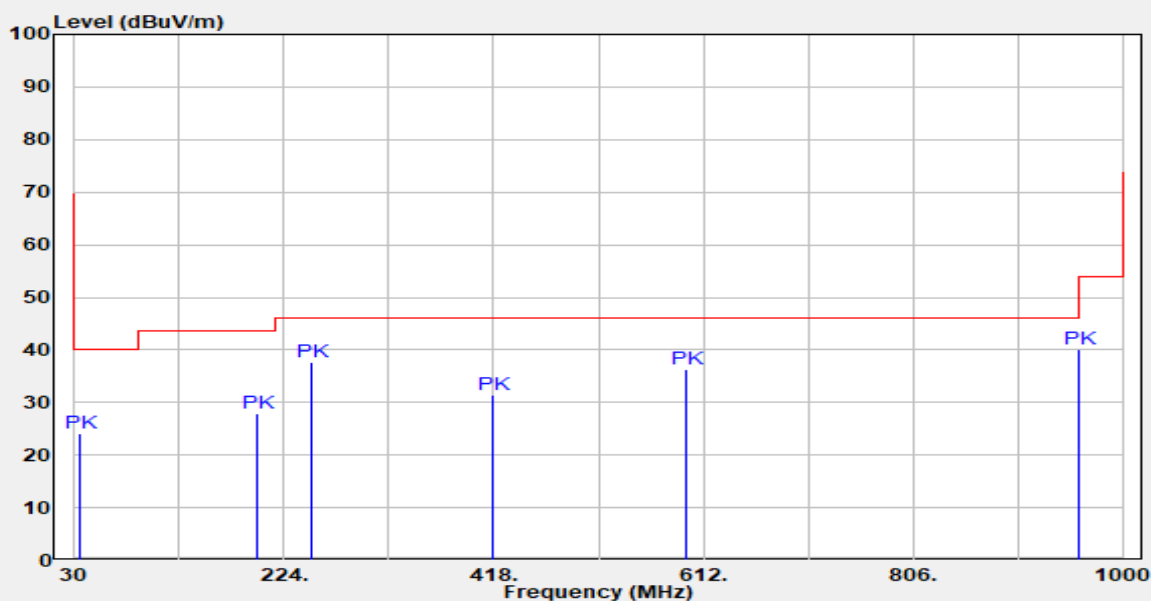
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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 2M
 Test Frequency :927MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



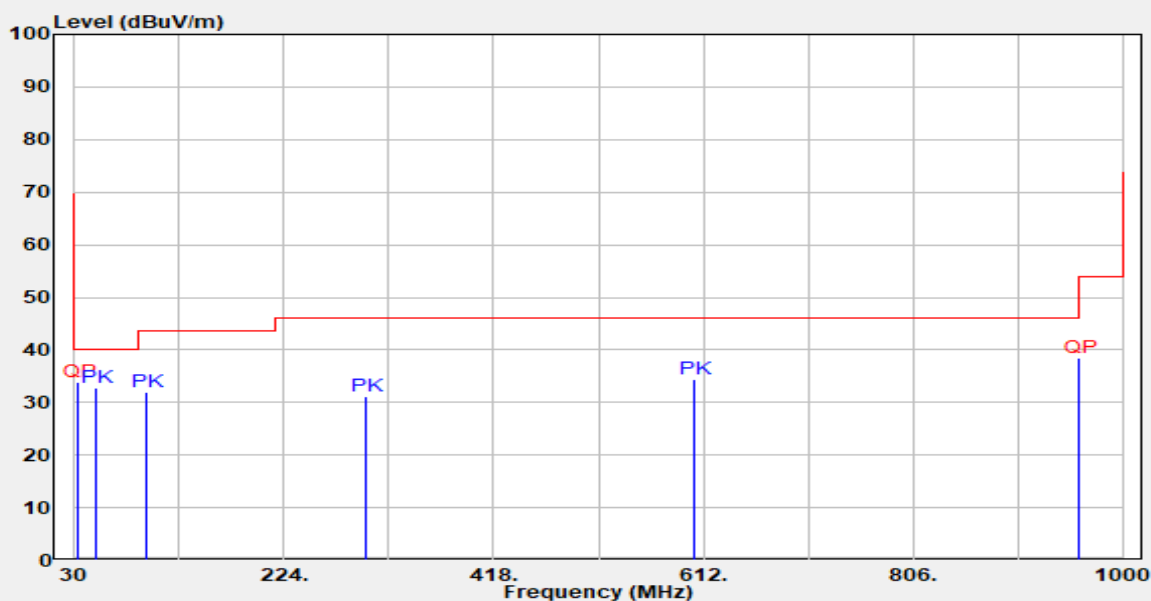
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 34.850 | Peak | 31.14 | -6.96 | 24.18 | 40.00 | -15.82 |
| 199.750 | Peak | 41.01 | -13.12 | 27.89 | 43.50 | -15.61 |
| 249.220 | Peak | 47.08 | -9.53 | 37.56 | 46.00 | -8.44 |
| 417.030 | Peak | 36.81 | -5.30 | 31.51 | 46.00 | -14.49 |
| 596.480 | Peak | 39.19 | -2.95 | 36.24 | 46.00 | -9.76 |
| 960.000 | Peak | 37.95 | 2.21 | 40.16 | 46.00 | -5.84 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 4M
 Test Frequency :906 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 33.880 | QP | 40.42 | -6.63 | 33.79 | 40.00 | -6.21 |
| 49.400 | Peak | 48.34 | -15.55 | 32.79 | 40.00 | -7.21 |
| 95.960 | Peak | 45.61 | -13.66 | 31.95 | 43.50 | -11.55 |
| 299.660 | Peak | 39.59 | -8.34 | 31.26 | 46.00 | -14.74 |
| 604.240 | Peak | 37.29 | -2.91 | 34.37 | 46.00 | -11.63 |
| 960.000 | QP | 36.33 | 2.21 | 38.54 | 46.00 | -7.46 |

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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

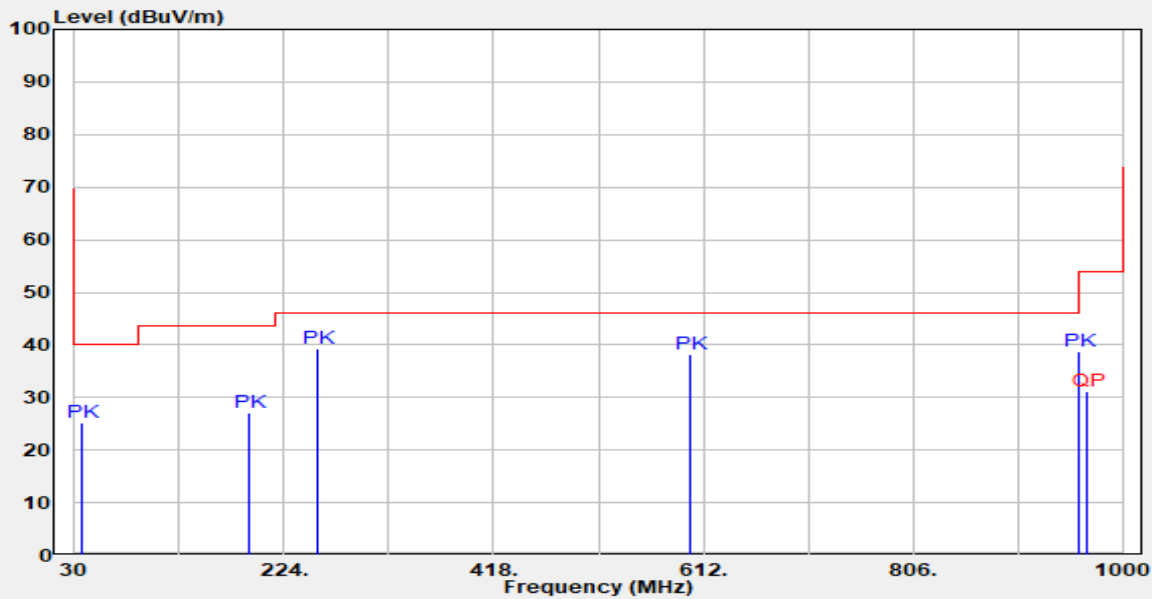
f (886-2) 2298-0488

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Member of SGS Group

Report Number :TERF2506001934ER
 Operation Mode :802.11ah 4M
 Test Frequency :906 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 35.820 | Peak | 32.77 | -7.66 | 25.11 | 40.00 | -14.89 |
| 191.990 | Peak | 40.44 | -13.47 | 26.97 | 43.50 | -16.53 |
| 254.070 | Peak | 48.11 | -8.88 | 39.23 | 46.00 | -6.77 |
| 599.390 | Peak | 41.27 | -2.94 | 38.33 | 46.00 | -7.67 |
| 960.000 | Peak | 36.44 | 2.21 | 38.65 | 46.00 | -7.35 |
| 967.020 | QP | 28.81 | 2.24 | 31.05 | 54.00 | -22.95 |

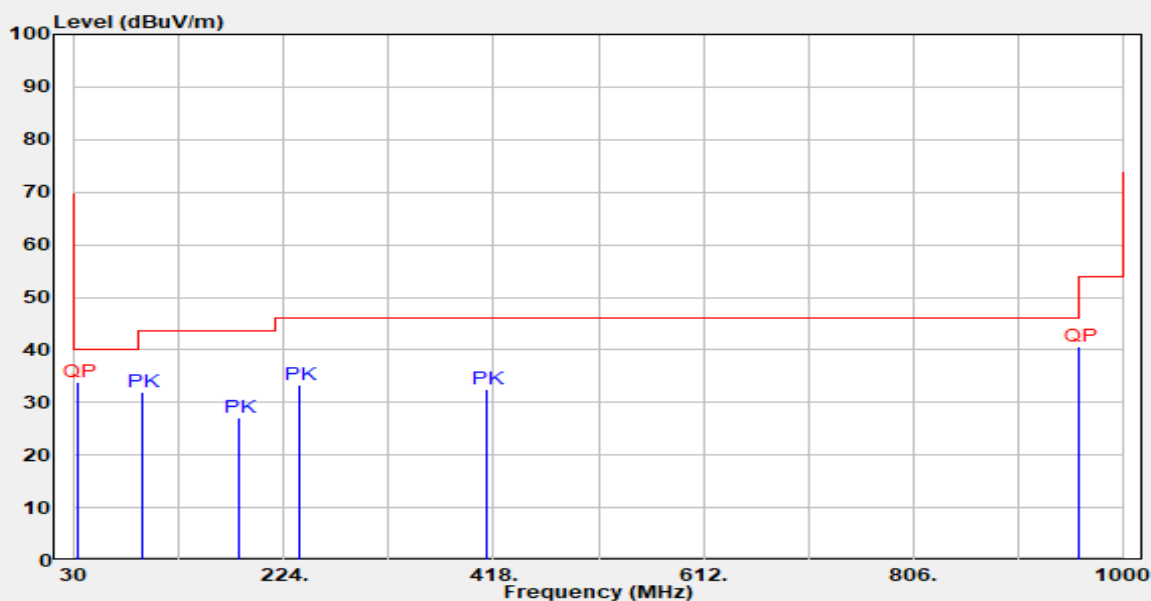
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Report Number :TERF2506001934ER
Operation Mode :802.11ah 4M
Test Frequency :914 MHz
Test Mode :Tx
EUT Pol :H Plane

Test Site :SAC 1
Test Date :2025-06-18
Temp./Humi. :22.8°C/68%
Antenna Pol. :Vertical
Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 33.880 | QP | 40.63 | -6.63 | 34.00 | 40.00 | -6.00 |
| 93.050 | Peak | 46.05 | -14.17 | 31.87 | 43.50 | -11.63 |
| 181.320 | Peak | 40.47 | -13.49 | 26.98 | 43.50 | -16.52 |
| 238.550 | Peak | 44.11 | -10.87 | 33.23 | 46.00 | -12.77 |
| 412.180 | Peak | 38.02 | -5.46 | 32.57 | 46.00 | -13.43 |
| 960.000 | QP | 38.35 | 2.21 | 40.56 | 46.00 | -5.44 |

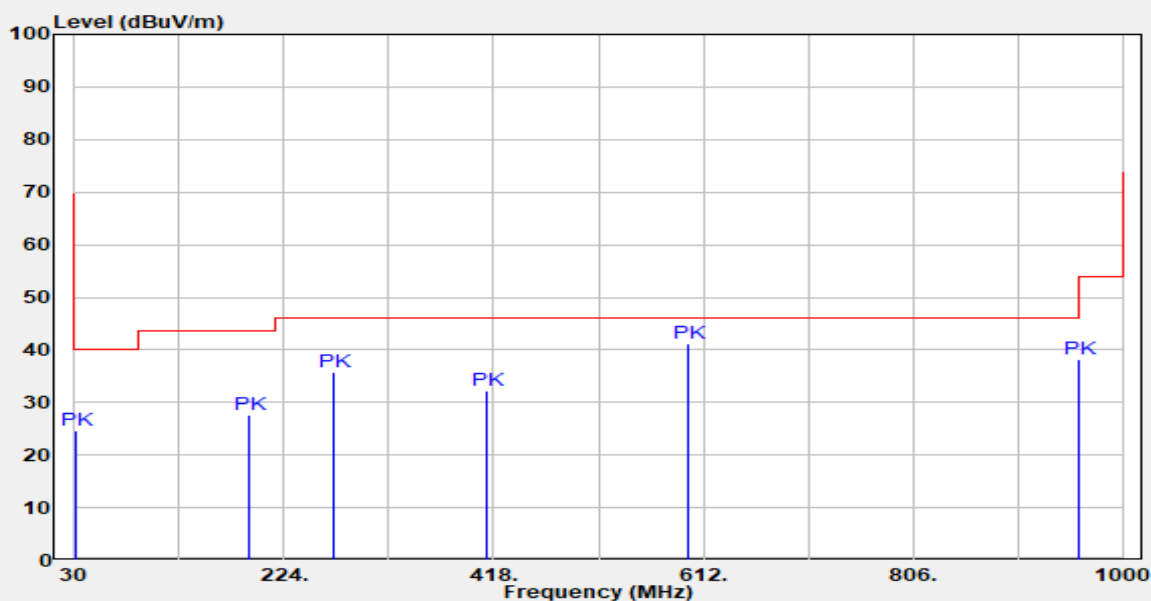
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Report Number :TERF2506001934ER
Operation Mode :802.11ah 4M
Test Frequency :914 MHz
Test Mode :Tx
EUT Pol :H Plane

Test Site :SAC 1
Test Date :2025-06-18
Temp./Humi. :22.8°C/68%
Antenna Pol. :Horizontal
Engineer :WJ Lin



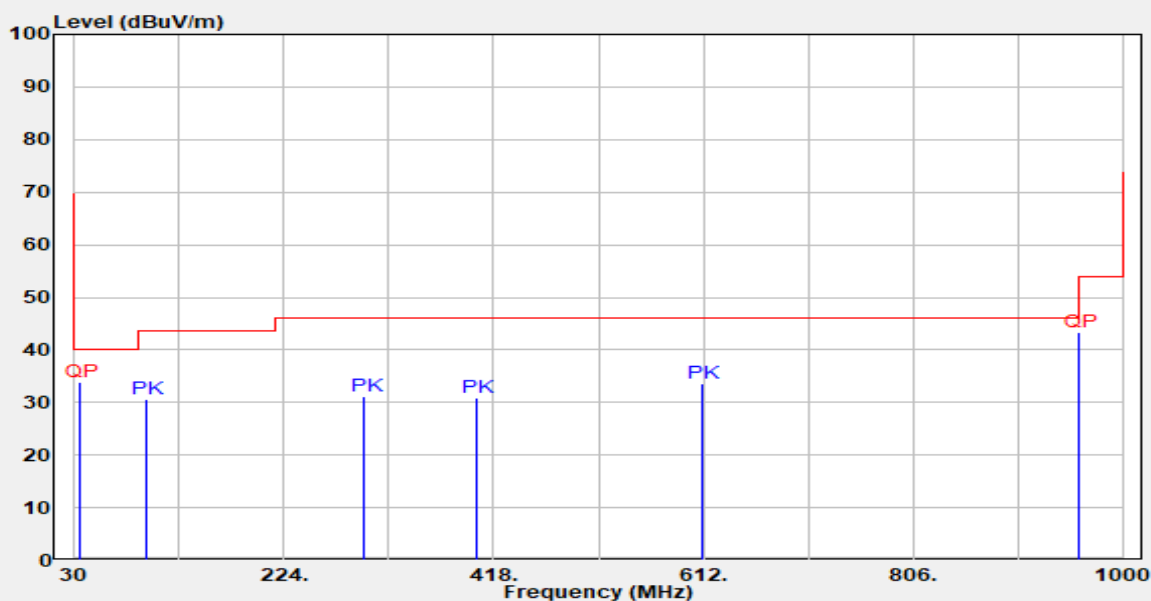
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 31.940 | Peak | 30.42 | -5.85 | 24.57 | 40.00 | -15.43 |
| 191.990 | Peak | 41.22 | -13.47 | 27.75 | 43.50 | -15.75 |
| 269.590 | Peak | 44.48 | -8.81 | 35.67 | 46.00 | -10.33 |
| 411.210 | Peak | 37.78 | -5.51 | 32.27 | 46.00 | -13.73 |
| 598.420 | Peak | 44.18 | -2.94 | 41.24 | 46.00 | -4.76 |
| 960.000 | Peak | 35.91 | 2.21 | 38.12 | 46.00 | -7.88 |

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Report Number :TERF2506001934ER
Operation Mode :802.11ah 4M
Test Frequency :926 MHz
Test Mode :Tx
EUT Pol :H Plane

Test Site :SAC 1
Test Date :2025-06-18
Temp./Humi. :22.8°C/68%
Antenna Pol. :Vertical
Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 34.850 | QP | 40.82 | -6.96 | 33.86 | 40.00 | -6.14 |
| 95.960 | Peak | 44.20 | -13.66 | 30.54 | 43.50 | -12.96 |
| 298.690 | Peak | 39.50 | -8.36 | 31.14 | 46.00 | -14.86 |
| 401.510 | Peak | 36.78 | -5.96 | 30.81 | 46.00 | -15.19 |
| 611.030 | Peak | 36.43 | -2.89 | 33.54 | 46.00 | -12.46 |
| 960.000 | QP | 41.04 | 2.21 | 43.25 | 46.00 | -2.75 |

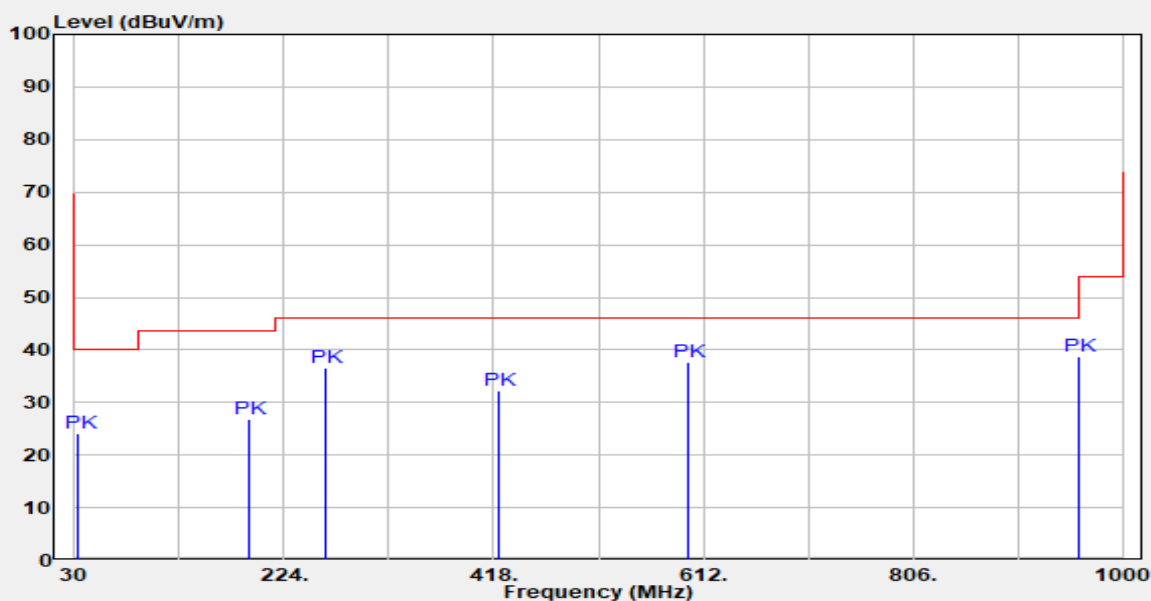
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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 4M
 Test Frequency :926 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



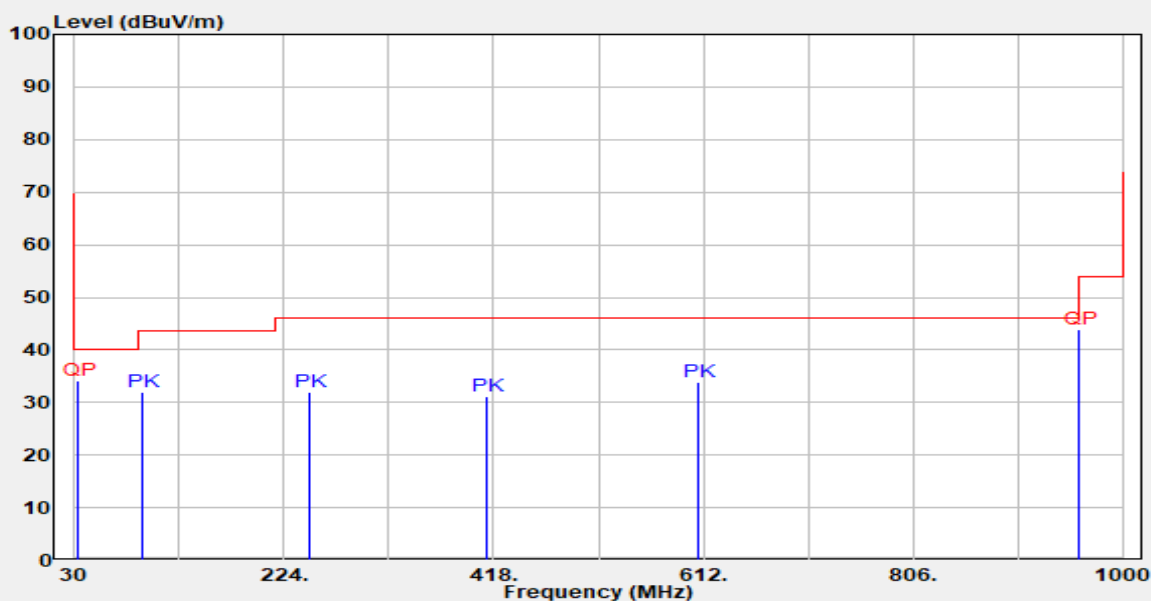
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 33.880 | Peak | 30.85 | -6.63 | 24.23 | 40.00 | -15.77 |
| 191.990 | Peak | 40.23 | -13.47 | 26.76 | 43.50 | -16.74 |
| 262.800 | Peak | 44.77 | -8.26 | 36.51 | 46.00 | -9.49 |
| 422.850 | Peak | 37.46 | -5.32 | 32.14 | 46.00 | -13.86 |
| 598.420 | Peak | 40.64 | -2.94 | 37.69 | 46.00 | -8.31 |
| 960.000 | Peak | 36.48 | 2.21 | 38.69 | 46.00 | -7.31 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 8M
 Test Frequency :908 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



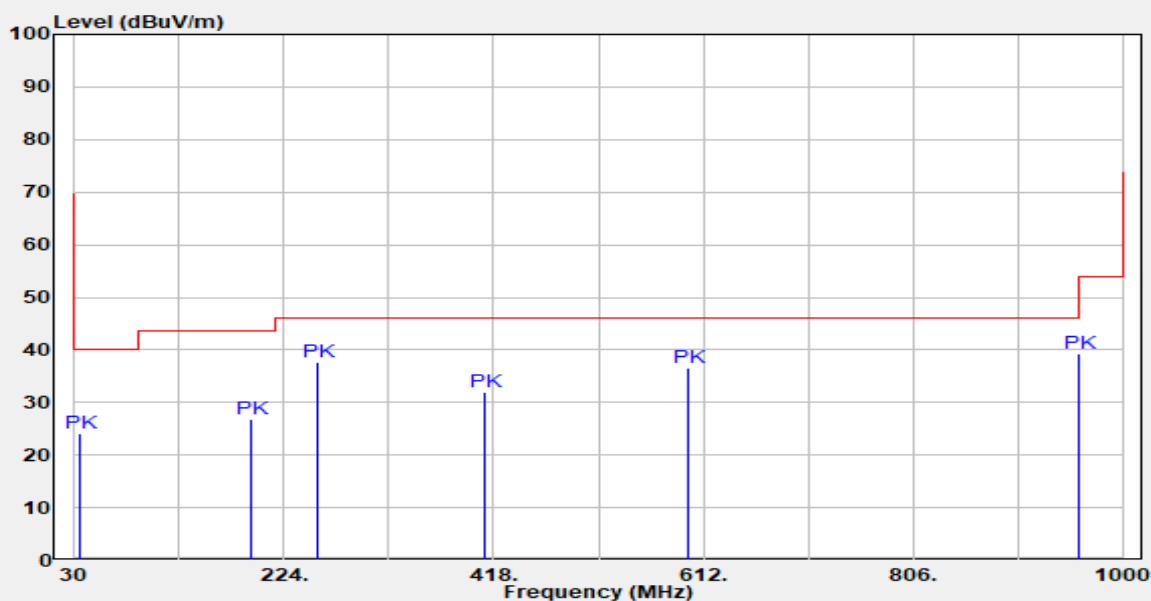
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 33.880 | QP | 40.81 | -6.63 | 34.18 | 40.00 | -5.82 |
| 93.050 | Peak | 46.07 | -14.17 | 31.89 | 43.50 | -11.61 |
| 248.250 | Peak | 41.74 | -9.67 | 32.07 | 46.00 | -13.93 |
| 411.210 | Peak | 36.55 | -5.51 | 31.04 | 46.00 | -14.96 |
| 607.150 | Peak | 36.79 | -2.90 | 33.90 | 46.00 | -12.10 |
| 960.000 | QP | 41.66 | 2.21 | 43.87 | 46.00 | -2.13 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 8M
 Test Frequency :908 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 34.850 | Peak | 31.17 | -6.96 | 24.21 | 40.00 | -15.79 |
| 193.930 | Peak | 40.36 | -13.45 | 26.91 | 43.50 | -16.59 |
| 255.040 | Peak | 46.56 | -8.75 | 37.80 | 46.00 | -8.20 |
| 410.240 | Peak | 37.48 | -5.57 | 31.92 | 46.00 | -14.08 |
| 597.450 | Peak | 39.58 | -2.95 | 36.64 | 46.00 | -9.36 |
| 960.000 | Peak | 36.95 | 2.21 | 39.16 | 46.00 | -6.84 |

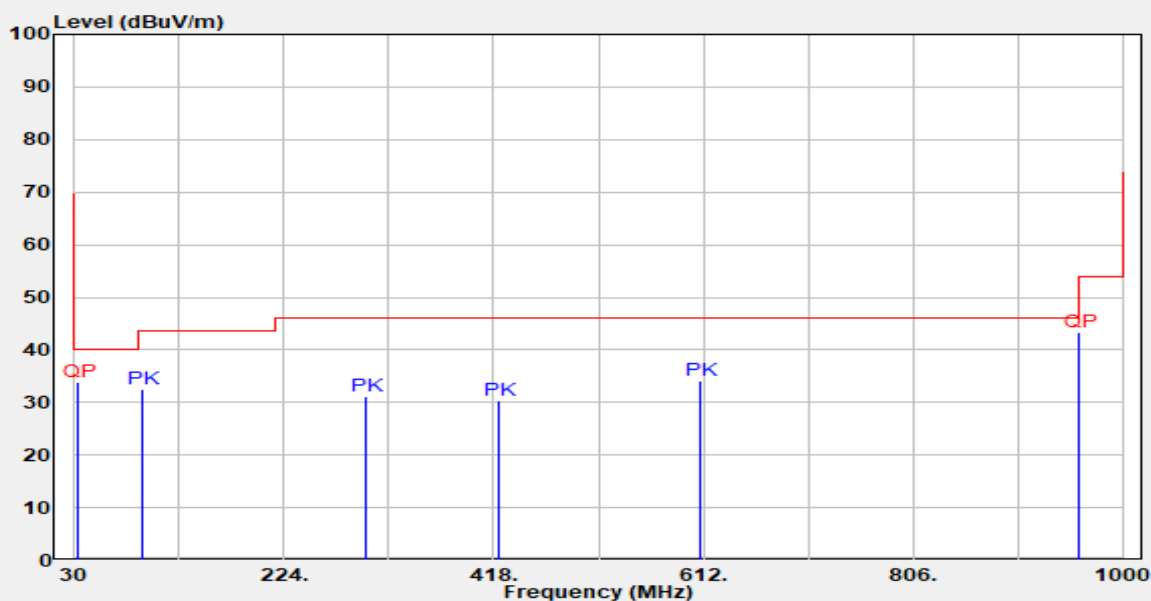
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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 8M
 Test Frequency :916 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



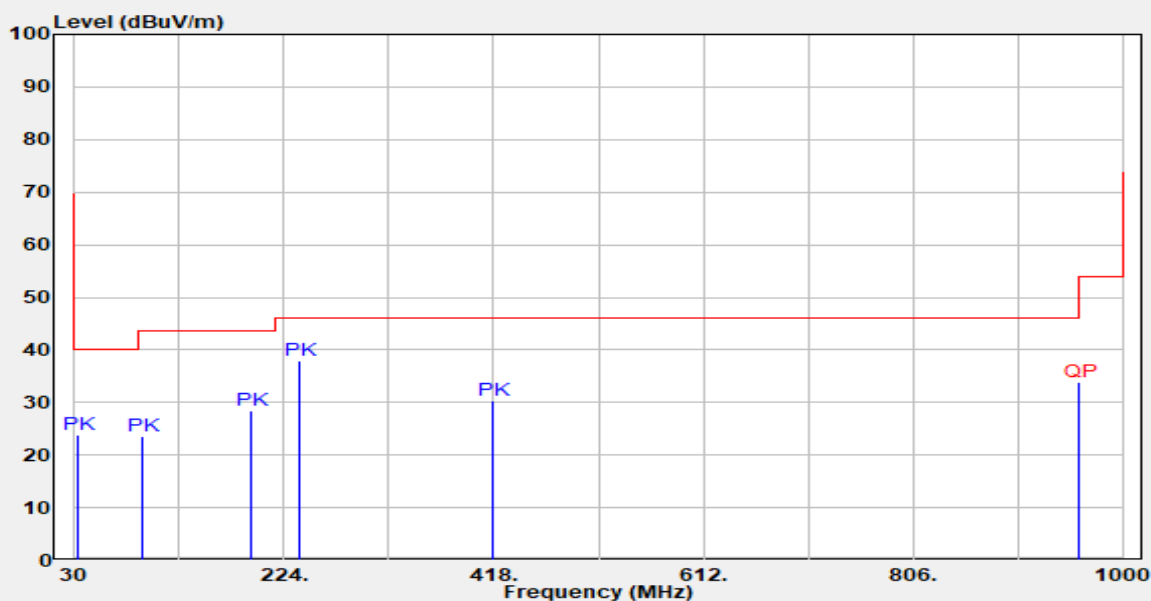
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 33.880 | QP | 40.45 | -6.63 | 33.82 | 40.00 | -6.18 |
| 93.050 | Peak | 46.78 | -14.17 | 32.61 | 43.50 | -10.89 |
| 299.660 | Peak | 39.38 | -8.34 | 31.05 | 46.00 | -14.95 |
| 421.880 | Peak | 35.78 | -5.32 | 30.47 | 46.00 | -15.53 |
| 609.090 | Peak | 37.03 | -2.89 | 34.14 | 46.00 | -11.86 |
| 960.000 | QP | 41.26 | 2.21 | 43.47 | 46.00 | -2.53 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 8M
 Test Frequency :916 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 32.910 | Peak | 30.47 | -6.49 | 23.98 | 40.00 | -16.02 |
| 93.050 | Peak | 37.74 | -14.17 | 23.56 | 43.50 | -19.94 |
| 193.930 | Peak | 41.95 | -13.45 | 28.50 | 43.50 | -15.00 |
| 238.550 | Peak | 48.89 | -10.87 | 38.01 | 46.00 | -7.99 |
| 417.030 | Peak | 35.68 | -5.30 | 30.37 | 46.00 | -15.63 |
| 960.000 | QP | 31.53 | 2.21 | 33.74 | 46.00 | -12.26 |

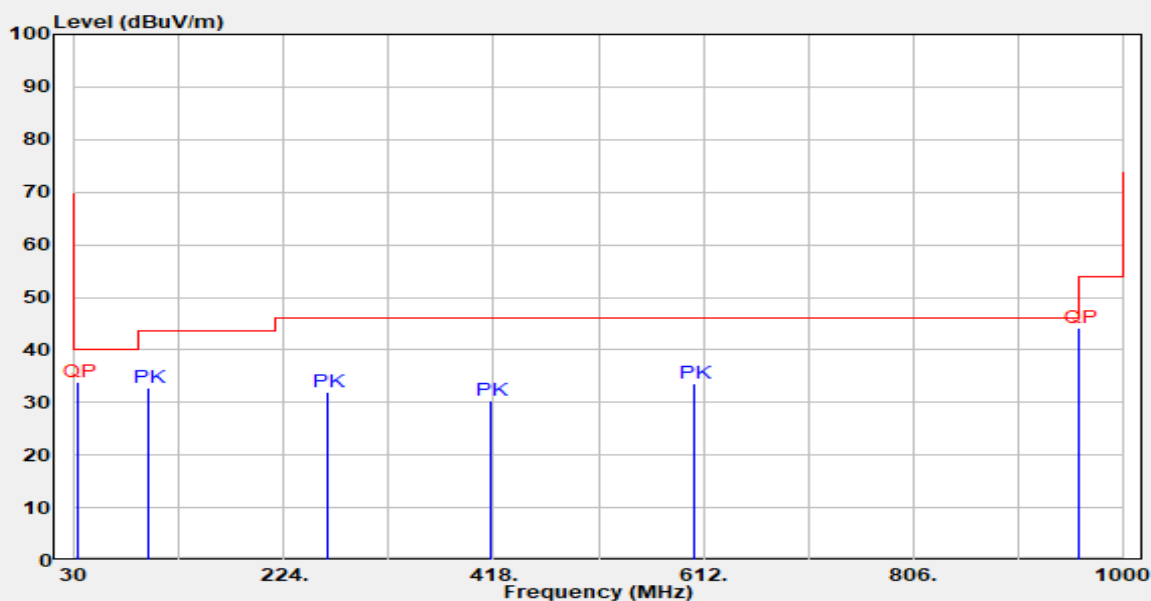
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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 8M
 Test Frequency :924 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-18
 Temp./Humi. :22.8°C/68%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



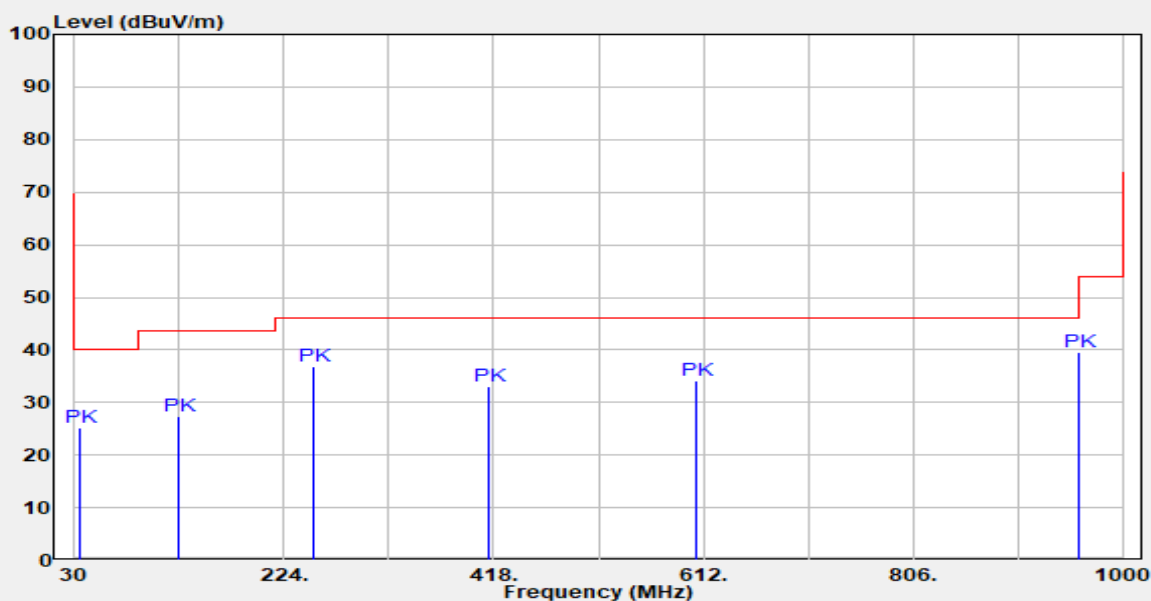
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 33.880 | QP | 40.61 | -6.63 | 33.98 | 40.00 | -6.02 |
| 97.900 | Peak | 46.15 | -13.34 | 32.81 | 43.50 | -10.69 |
| 264.740 | Peak | 40.31 | -8.37 | 31.94 | 46.00 | -14.06 |
| 415.090 | Peak | 35.72 | -5.30 | 30.42 | 46.00 | -15.58 |
| 603.270 | Peak | 36.50 | -2.92 | 33.58 | 46.00 | -12.42 |
| 960.000 | QP | 42.05 | 2.21 | 44.26 | 46.00 | -1.74 |

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Report Number :TERF2506001934ER
Operation Mode :802.11ah 8M
Test Frequency :924 MHz
Test Mode :Tx
EUT Pol :H Plane

Test Site :SAC 1
Test Date :2025-06-18
Temp./Humi. :22.8°C/68%
Antenna Pol. :Horizontal
Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 34.850 | Peak | 32.22 | -6.96 | 25.26 | 40.00 | -14.74 |
| 127.000 | Peak | 38.67 | -11.22 | 27.45 | 43.50 | -16.05 |
| 251.160 | Peak | 46.15 | -9.26 | 36.89 | 46.00 | -9.11 |
| 414.120 | Peak | 38.33 | -5.35 | 32.99 | 46.00 | -13.01 |
| 606.180 | Peak | 37.06 | -2.90 | 34.16 | 46.00 | -11.84 |
| 960.000 | Peak | 37.24 | 2.21 | 39.45 | 46.00 | -6.55 |

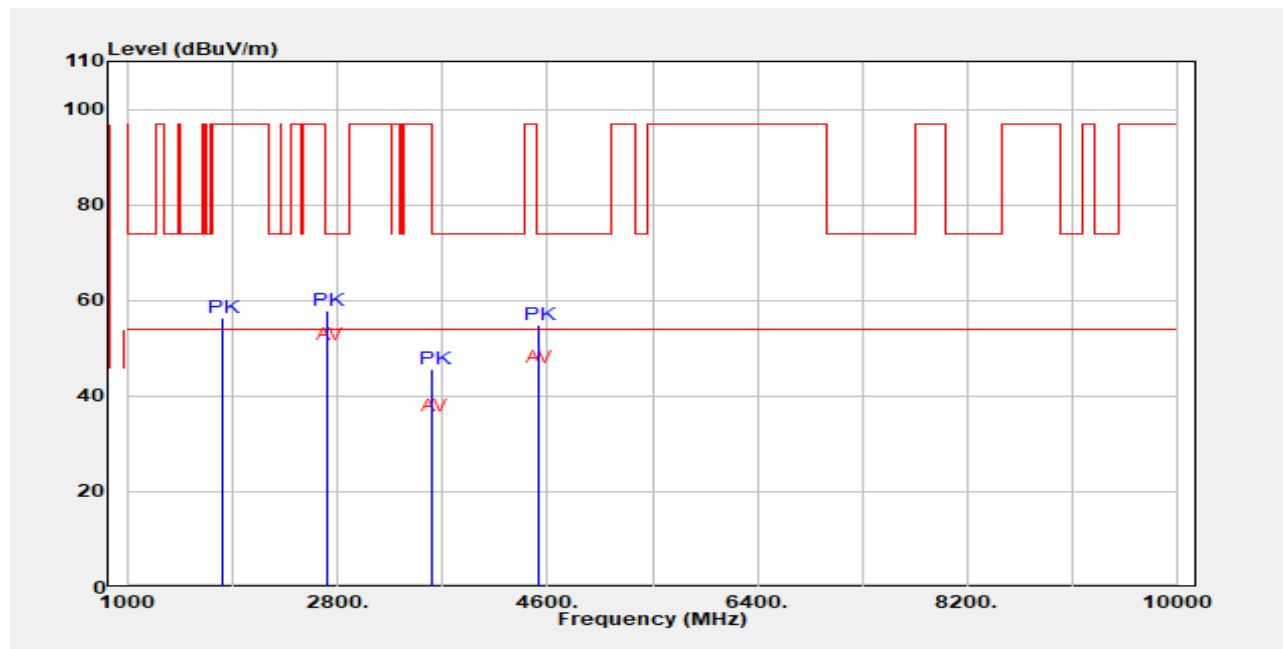
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Report Number :TERF2506001934ER
Operation Mode :802.11ah 1M
Test Frequency :903.5 MHz
Test Mode :Tx
EUT Pol :H Plane

Test Site :SAC 1
Test Date :2025-06-19
Temp./Humi. :22.1°C/67%
Antenna Pol. :Vertical
Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1807.000 | Peak | 60.95 | -4.61 | 56.34 | 97.03 | -40.69 |
| 2710.500 | Average | 51.70 | -1.01 | 50.69 | 54.00 | -3.31 |
| 2710.500 | Peak | 58.72 | -1.01 | 57.71 | 74.00 | -16.29 |
| 3614.000 | Average | 34.62 | 1.03 | 35.65 | 54.00 | -18.35 |
| 3614.000 | Peak | 44.58 | 1.03 | 45.61 | 74.00 | -28.39 |
| 4517.500 | Average | 43.23 | 2.53 | 45.76 | 54.00 | -8.24 |
| 4517.500 | Peak | 52.18 | 2.53 | 54.71 | 74.00 | -19.29 |

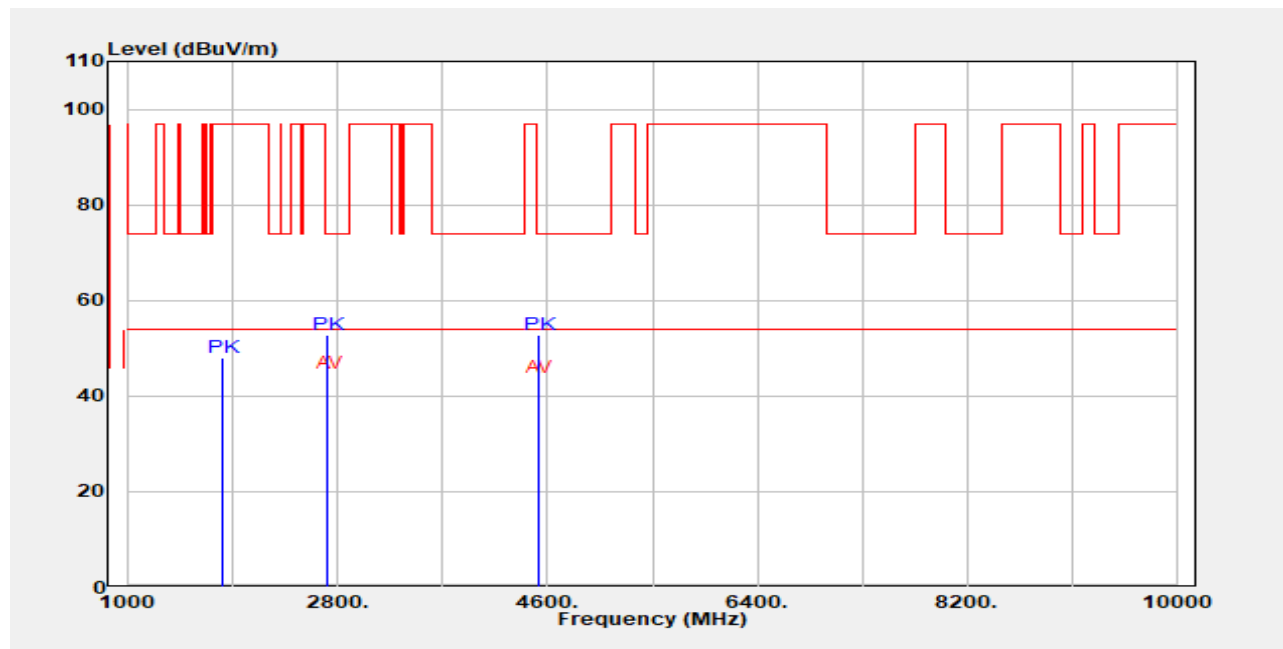
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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 1M
 Test Frequency :903.5 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-19
 Temp./Humi. :22.1°C/67%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



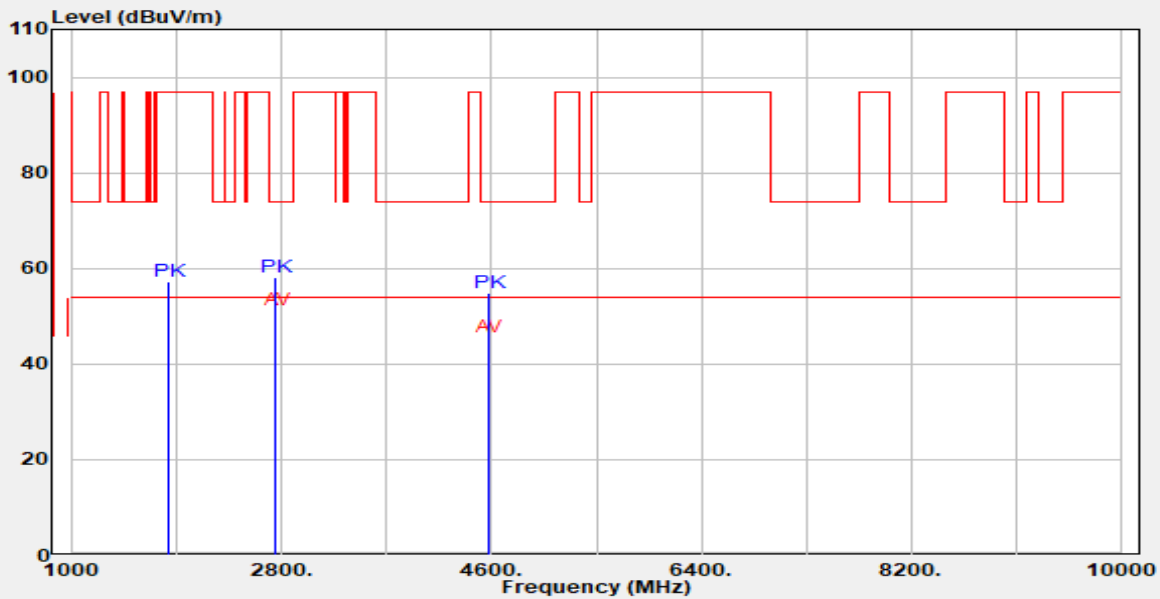
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1807.000 | Peak | 52.69 | -4.61 | 48.08 | 97.03 | -48.95 |
| 2710.500 | Average | 45.63 | -1.01 | 44.62 | 54.00 | -9.38 |
| 2710.500 | Peak | 53.85 | -1.01 | 52.84 | 74.00 | -21.16 |
| 4517.500 | Average | 41.26 | 2.53 | 43.79 | 54.00 | -10.21 |
| 4517.500 | Peak | 50.27 | 2.53 | 52.80 | 74.00 | -21.20 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 1M
 Test Frequency :914.5 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-19
 Temp./Humi. :22.1°C/67%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1829.000 | Peak | 61.47 | -4.28 | 57.19 | 97.03 | -39.84 |
| 2743.500 | Average | 52.23 | -0.99 | 51.24 | 54.00 | -2.76 |
| 2743.500 | Peak | 59.19 | -0.99 | 58.20 | 74.00 | -15.80 |
| 4572.500 | Average | 42.81 | 2.74 | 45.55 | 54.00 | -8.45 |
| 4572.500 | Peak | 51.97 | 2.74 | 54.71 | 74.00 | -19.29 |

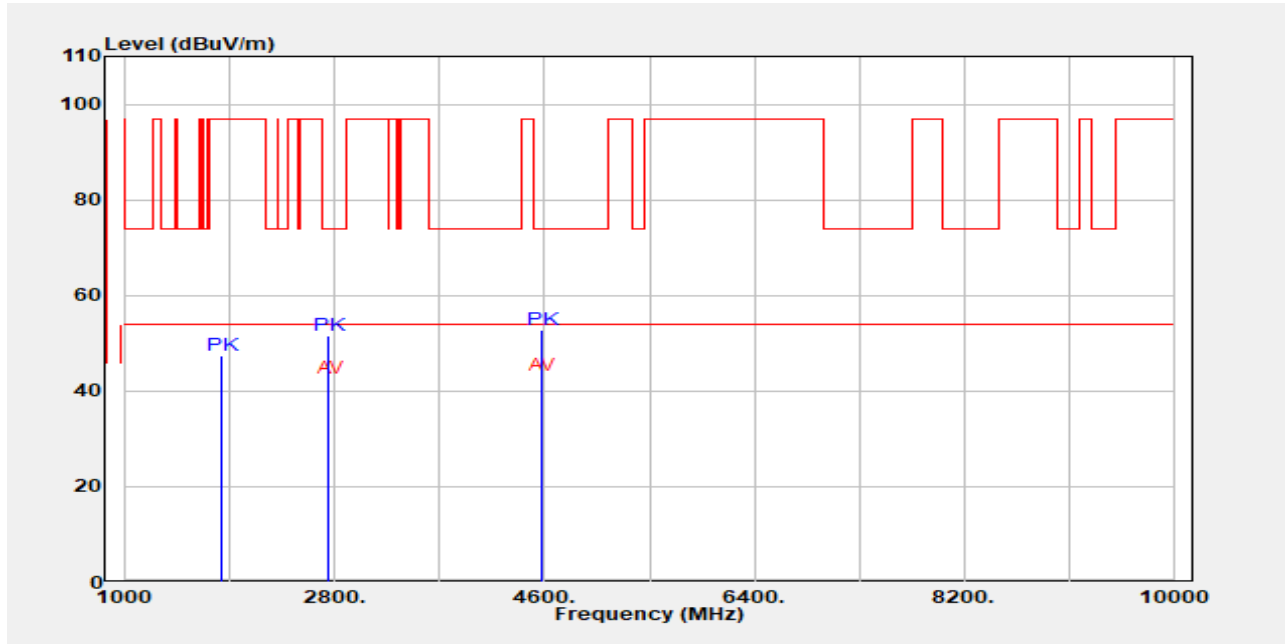
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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 1M
 Test Frequency :914.5 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-19
 Temp./Humi. :22.1°C/67%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



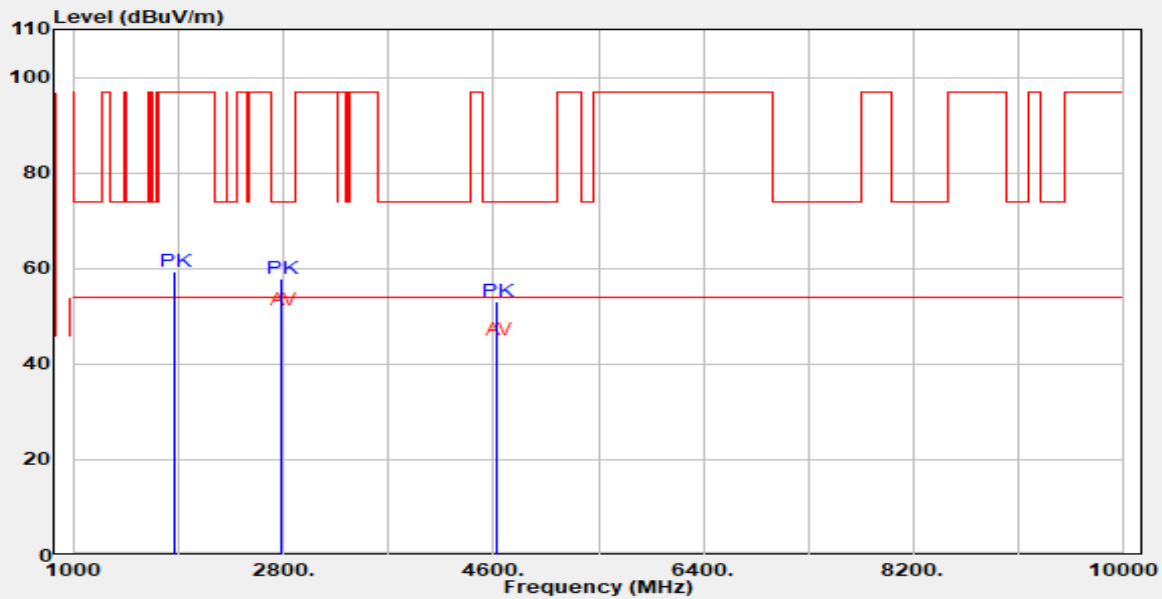
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1829.000 | Peak | 51.78 | -4.28 | 47.50 | 97.03 | -49.53 |
| 2743.500 | Average | 43.50 | -0.99 | 42.51 | 54.00 | -11.49 |
| 2743.500 | Peak | 52.57 | -0.99 | 51.58 | 74.00 | -22.42 |
| 4572.500 | Average | 40.51 | 2.74 | 43.25 | 54.00 | -10.75 |
| 4572.500 | Peak | 50.17 | 2.74 | 52.91 | 74.00 | -21.09 |

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Report Number :TERF2506001934ER
Operation Mode :802.11ah 1M
Test Frequency :926.5 MHz
Test Mode :Tx
EUT Pol :H Plane

Test Site :SAC 1
Test Date :2025-06-19
Temp./Humi. :22.1°C/67%
Antenna Pol. :Vertical
Engineer :WJ Lin



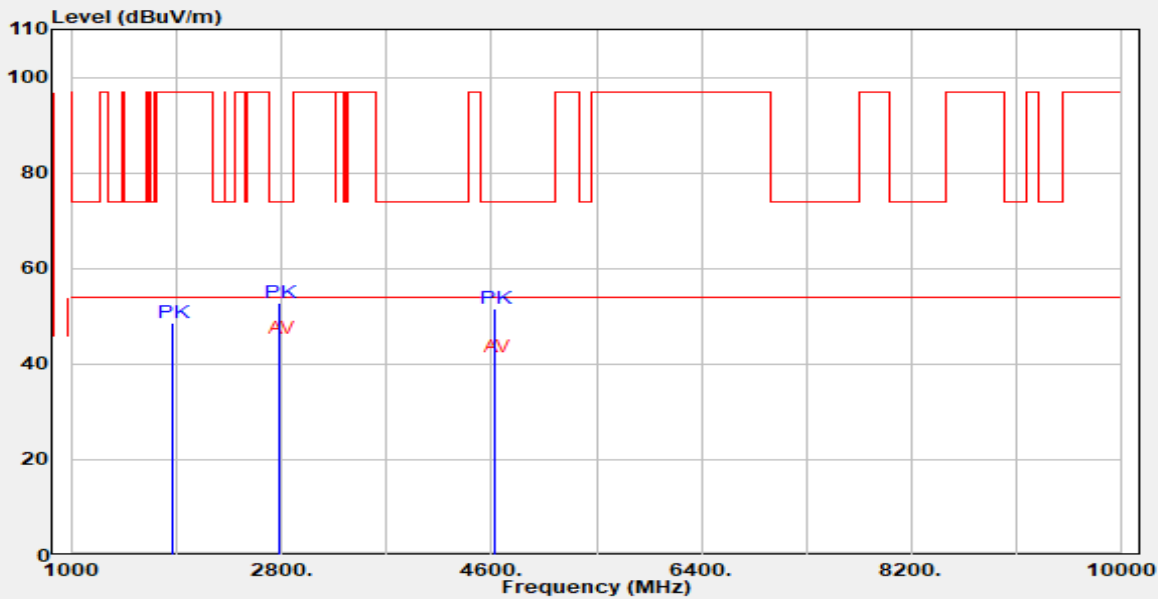
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1853.000 | Peak | 63.36 | -3.98 | 59.38 | 97.03 | -37.65 |
| 2779.500 | Average | 51.93 | -0.59 | 51.34 | 54.00 | -2.66 |
| 2779.500 | Peak | 58.30 | -0.59 | 57.71 | 74.00 | -16.29 |
| 4632.500 | Average | 41.95 | 3.12 | 45.07 | 54.00 | -8.93 |
| 4632.500 | Peak | 49.80 | 3.12 | 52.92 | 74.00 | -21.08 |

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Report Number :TERF2506001934ER
Operation Mode :802.11ah 1M
Test Frequency :926.5 MHz
Test Mode :Tx
EUT Pol :H Plane

Test Site :SAC 1
Test Date :2025-06-19
Temp./Humi. :22.1°C/67%
Antenna Pol. :Horizontal
Engineer :WJ Lin



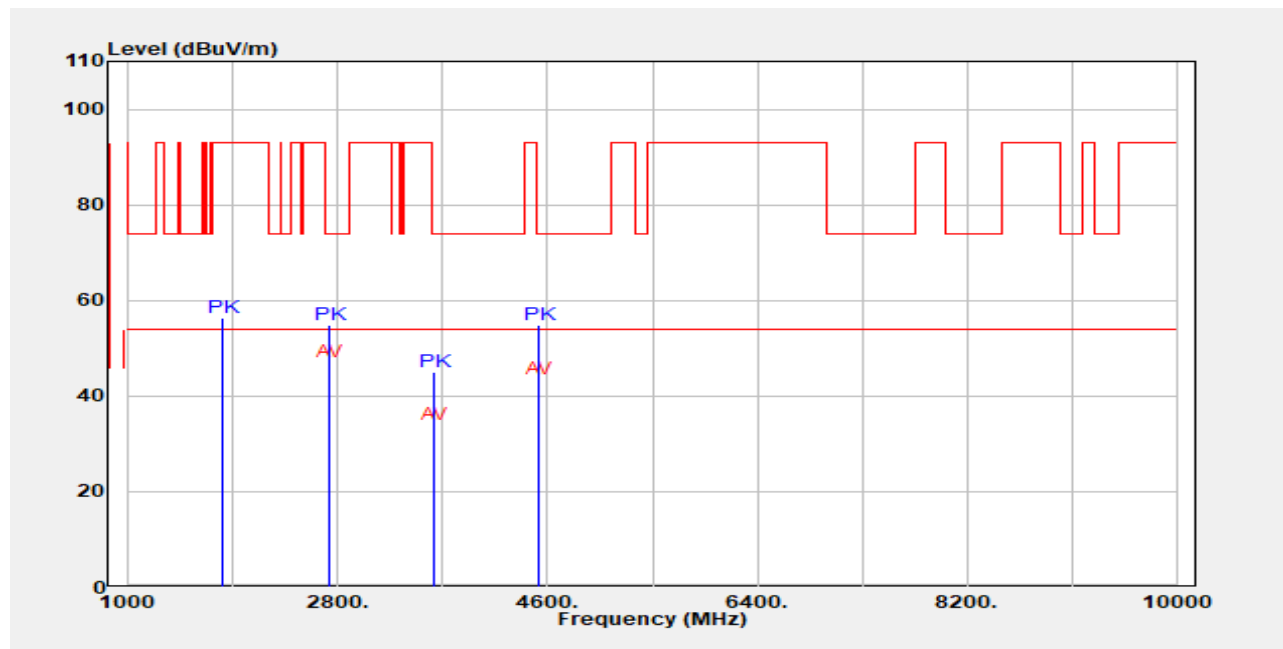
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1853.000 | Peak | 52.61 | -3.98 | 48.63 | 97.03 | -48.40 |
| 2779.500 | Average | 46.00 | -0.59 | 45.41 | 54.00 | -8.59 |
| 2779.500 | Peak | 53.41 | -0.59 | 52.82 | 74.00 | -21.18 |
| 4632.500 | Average | 38.44 | 3.12 | 41.56 | 54.00 | -12.44 |
| 4632.500 | Peak | 48.49 | 3.12 | 51.61 | 74.00 | -22.39 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 2M
 Test Frequency :905 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-19
 Temp./Humi. :22.1°C/67%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



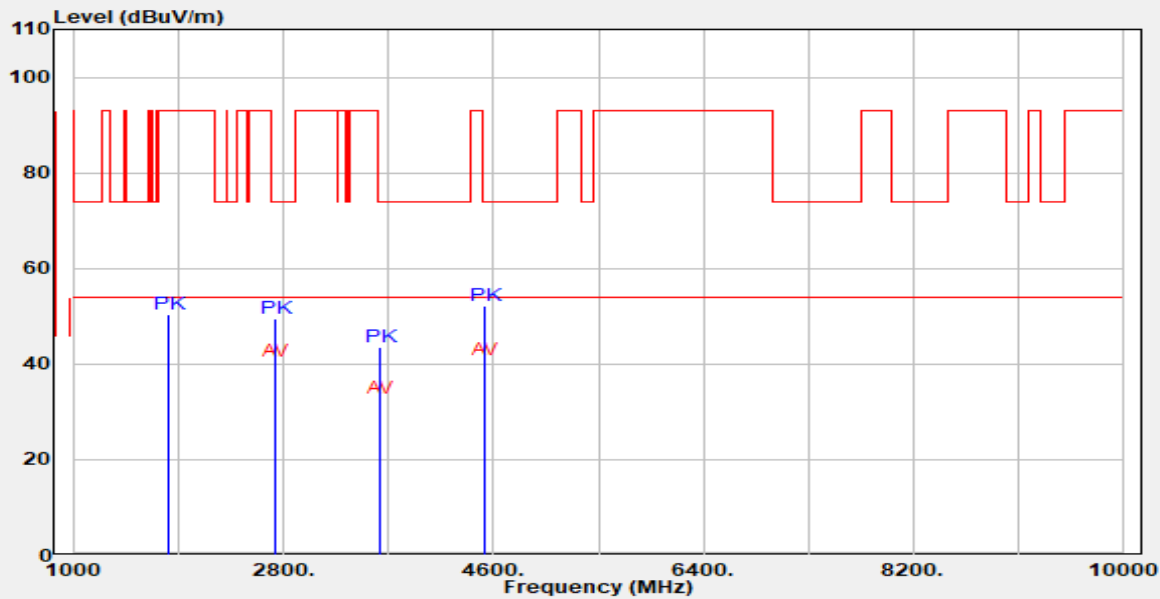
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1810.000 | Peak | 60.86 | -4.59 | 56.27 | 92.89 | -36.62 |
| 2715.000 | Average | 48.08 | -1.00 | 47.08 | 54.00 | -6.92 |
| 2715.000 | Peak | 55.97 | -1.00 | 54.97 | 74.00 | -19.03 |
| 3620.000 | Average | 32.87 | 1.08 | 33.95 | 54.00 | -20.05 |
| 3620.000 | Peak | 43.80 | 1.08 | 44.88 | 74.00 | -29.12 |
| 4525.000 | Average | 40.90 | 2.57 | 43.47 | 54.00 | -10.53 |
| 4525.000 | Peak | 52.25 | 2.57 | 54.82 | 74.00 | -19.18 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 2M
 Test Frequency :905 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-19
 Temp./Humi. :22.1°C/67%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



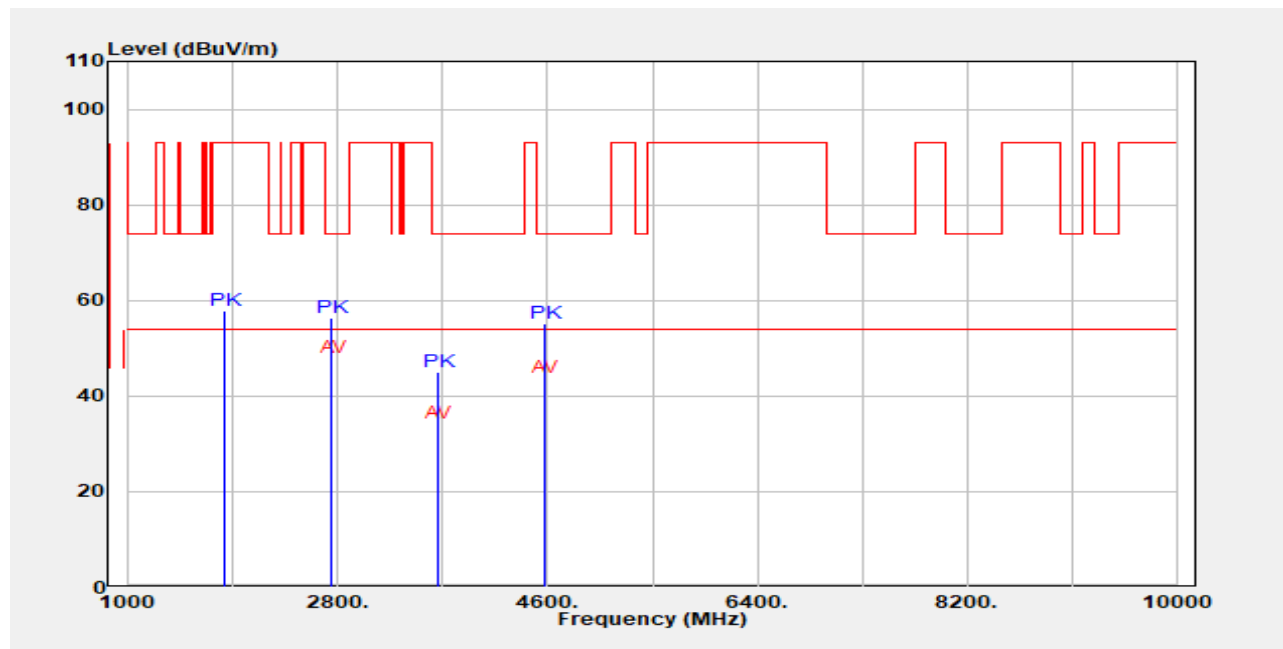
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1810.000 | Peak | 55.07 | -4.59 | 50.48 | 92.89 | -42.41 |
| 2715.000 | Average | 41.62 | -1.00 | 40.62 | 54.00 | -13.38 |
| 2715.000 | Peak | 50.55 | -1.00 | 49.55 | 74.00 | -24.45 |
| 3620.000 | Average | 31.81 | 1.08 | 32.89 | 54.00 | -21.11 |
| 3620.000 | Peak | 42.57 | 1.08 | 43.65 | 74.00 | -30.35 |
| 4525.000 | Average | 38.26 | 2.57 | 40.83 | 54.00 | -13.17 |
| 4525.000 | Peak | 49.50 | 2.57 | 52.07 | 74.00 | -21.93 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 2M
 Test Frequency :915MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-19
 Temp./Humi. :22.1°C/67%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



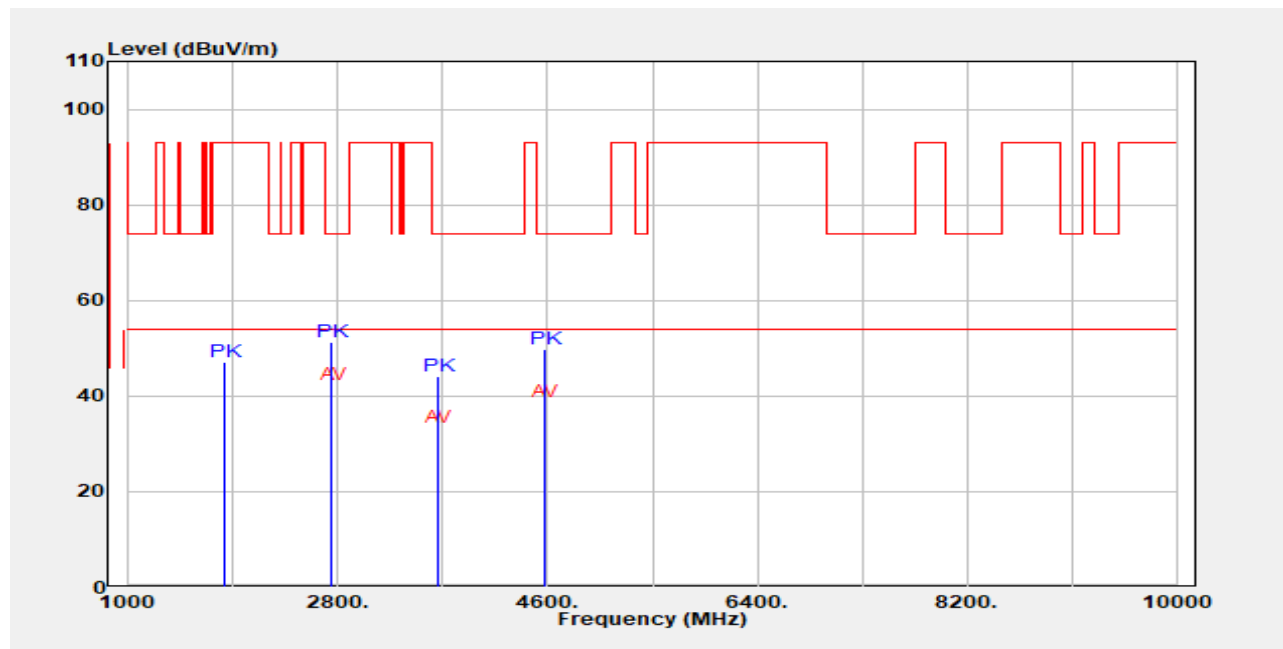
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1830.000 | Peak | 62.15 | -4.26 | 57.89 | 92.89 | -35.00 |
| 2745.000 | Average | 49.10 | -0.97 | 48.13 | 54.00 | -5.87 |
| 2745.000 | Peak | 57.35 | -0.97 | 56.38 | 74.00 | -17.62 |
| 3660.000 | Average | 33.02 | 1.37 | 34.39 | 54.00 | -19.61 |
| 3660.000 | Peak | 43.51 | 1.37 | 44.88 | 74.00 | -29.12 |
| 4575.000 | Average | 41.20 | 2.75 | 43.95 | 54.00 | -10.05 |
| 4575.000 | Peak | 52.54 | 2.75 | 55.29 | 74.00 | -18.71 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 2M
 Test Frequency :915MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-19
 Temp./Humi. :22.1°C/67%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1830.000 | Peak | 51.28 | -4.26 | 47.02 | 92.89 | -45.87 |
| 2745.000 | Average | 43.44 | -0.97 | 42.47 | 54.00 | -11.53 |
| 2745.000 | Peak | 52.21 | -0.97 | 51.24 | 74.00 | -22.76 |
| 3660.000 | Average | 32.13 | 1.37 | 33.50 | 54.00 | -20.50 |
| 3660.000 | Peak | 42.72 | 1.37 | 44.09 | 74.00 | -29.91 |
| 4575.000 | Average | 35.88 | 2.75 | 38.63 | 54.00 | -15.37 |
| 4575.000 | Peak | 47.01 | 2.75 | 49.76 | 74.00 | -24.24 |

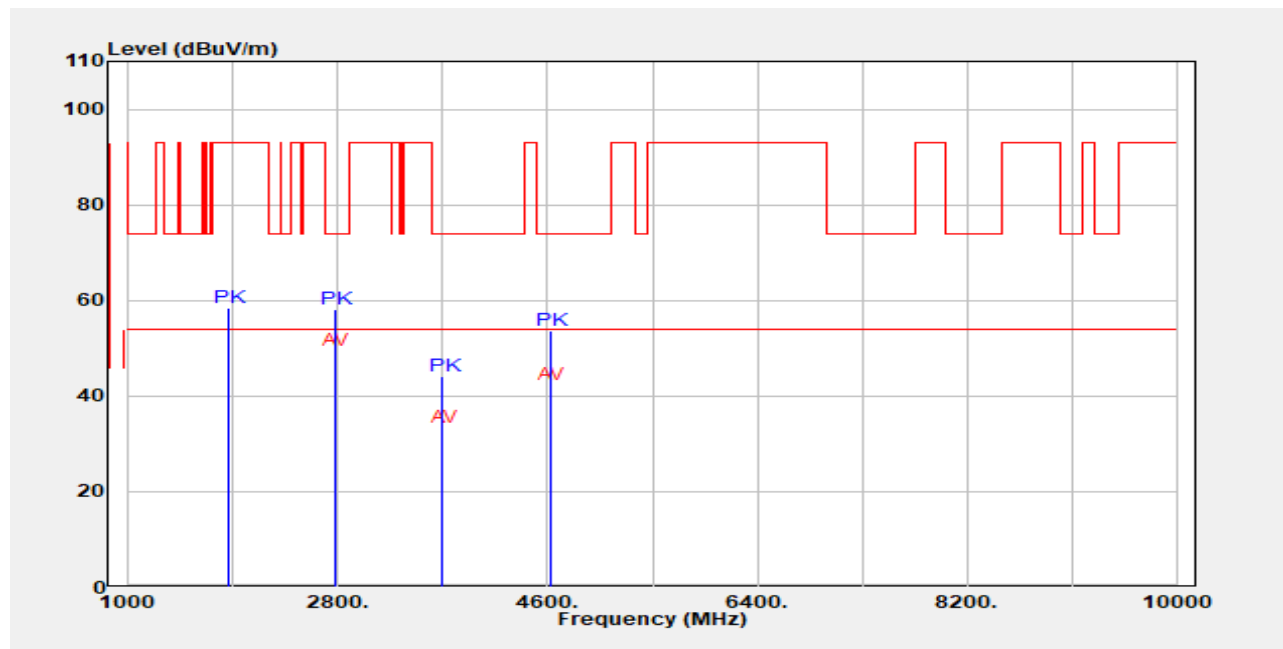
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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 2M
 Test Frequency :925MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-19
 Temp./Humi. :22.1°C/67%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



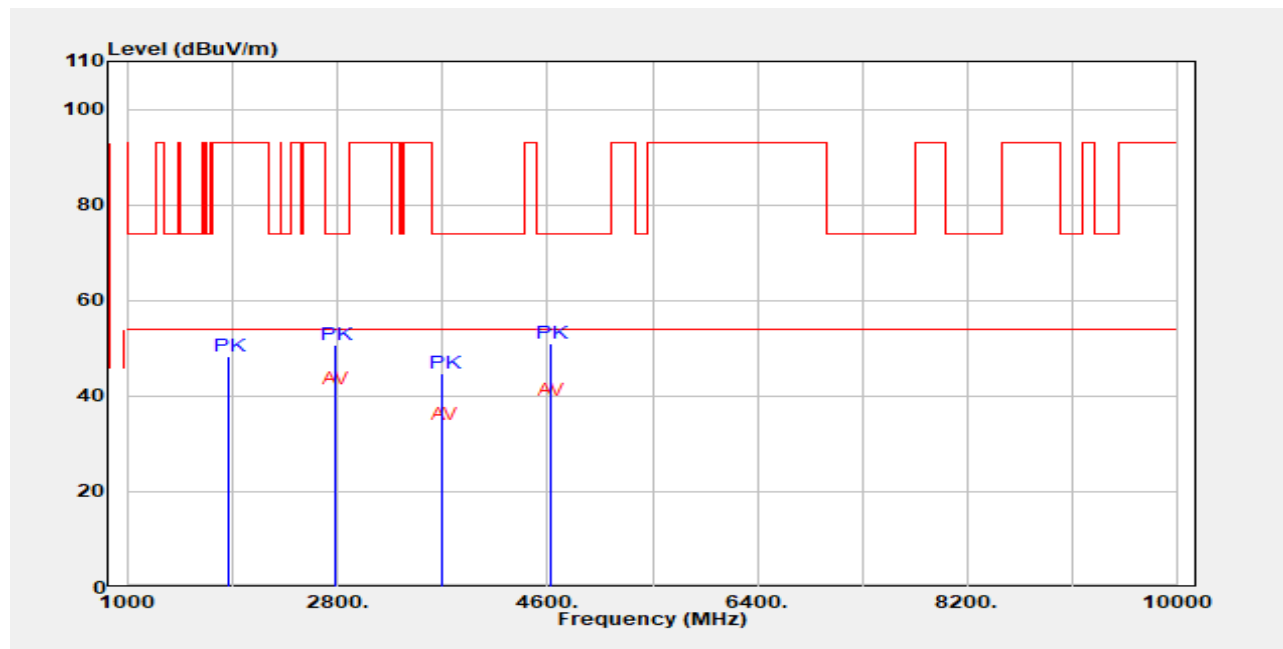
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1850.000 | Peak | 62.35 | -4.03 | 58.32 | 92.89 | -34.57 |
| 2775.000 | Average | 50.05 | -0.65 | 49.40 | 54.00 | -4.60 |
| 2775.000 | Peak | 58.66 | -0.65 | 58.01 | 74.00 | -15.99 |
| 3700.000 | Average | 31.86 | 1.54 | 33.40 | 54.00 | -20.60 |
| 3700.000 | Peak | 42.68 | 1.54 | 44.22 | 74.00 | -29.78 |
| 4625.000 | Average | 39.20 | 3.04 | 42.24 | 54.00 | -11.76 |
| 4625.000 | Peak | 50.70 | 3.04 | 53.74 | 74.00 | -20.26 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 2M
 Test Frequency :925MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-19
 Temp./Humi. :22.1°C/67%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



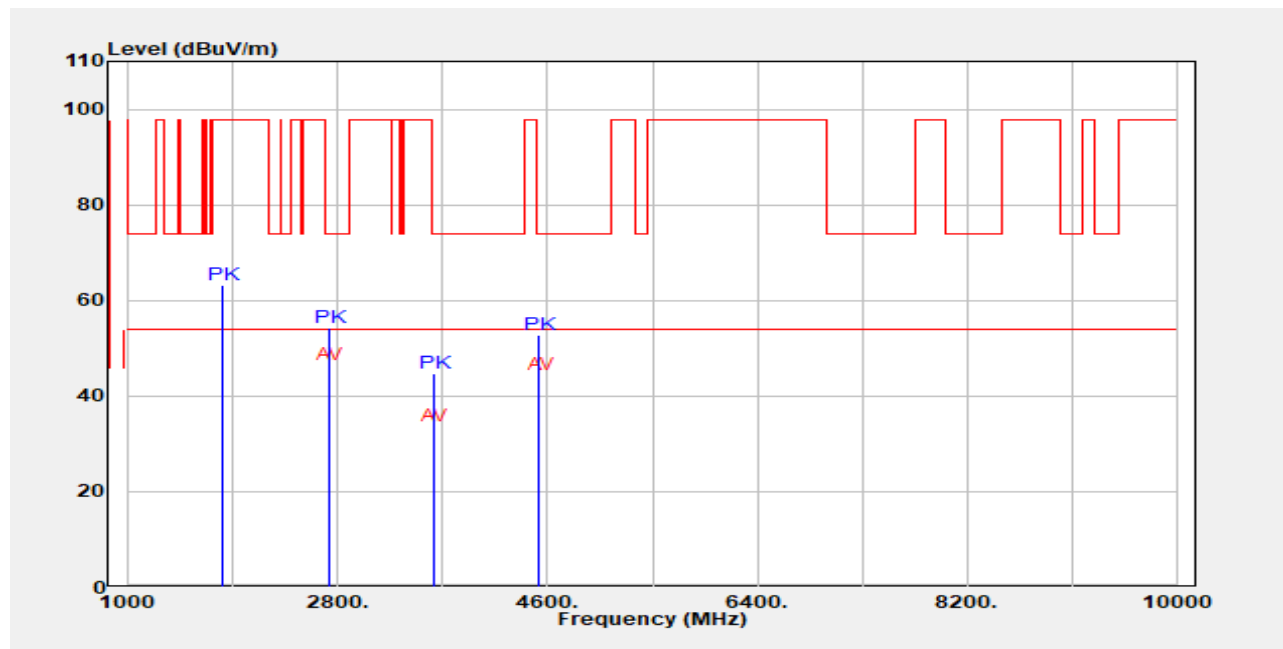
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1850.000 | Peak | 52.23 | -4.03 | 48.20 | 92.89 | -44.69 |
| 2775.000 | Average | 42.10 | -0.65 | 41.45 | 54.00 | -12.55 |
| 2775.000 | Peak | 51.42 | -0.65 | 50.77 | 74.00 | -23.23 |
| 3700.000 | Average | 32.35 | 1.54 | 33.89 | 54.00 | -20.11 |
| 3700.000 | Peak | 43.30 | 1.54 | 44.84 | 74.00 | -29.16 |
| 4625.000 | Average | 35.98 | 3.04 | 39.02 | 54.00 | -14.98 |
| 4625.000 | Peak | 47.81 | 3.04 | 50.85 | 74.00 | -23.15 |

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Report Number :TERF2506001934ER
Operation Mode :802.11ah 4M
Test Frequency :906MHz
Test Mode :Tx
EUT Pol :H Plane

Test Site :SAC 1
Test Date :2025-06-19
Temp./Humi. :22.1°C/67%
Antenna Pol. :Vertical
Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1812.000 | Peak | 67.63 | -4.56 | 63.07 | 97.83 | -34.76 |
| 2718.000 | Average | 47.40 | -0.99 | 46.41 | 54.00 | -7.59 |
| 2718.000 | Peak | 55.24 | -0.99 | 54.25 | 74.00 | -19.75 |
| 3624.000 | Average | 32.66 | 1.11 | 33.77 | 54.00 | -20.23 |
| 3624.000 | Peak | 43.68 | 1.11 | 44.79 | 74.00 | -29.21 |
| 4530.000 | Average | 41.76 | 2.59 | 44.35 | 54.00 | -9.65 |
| 4530.000 | Peak | 50.23 | 2.59 | 52.82 | 74.00 | -21.18 |

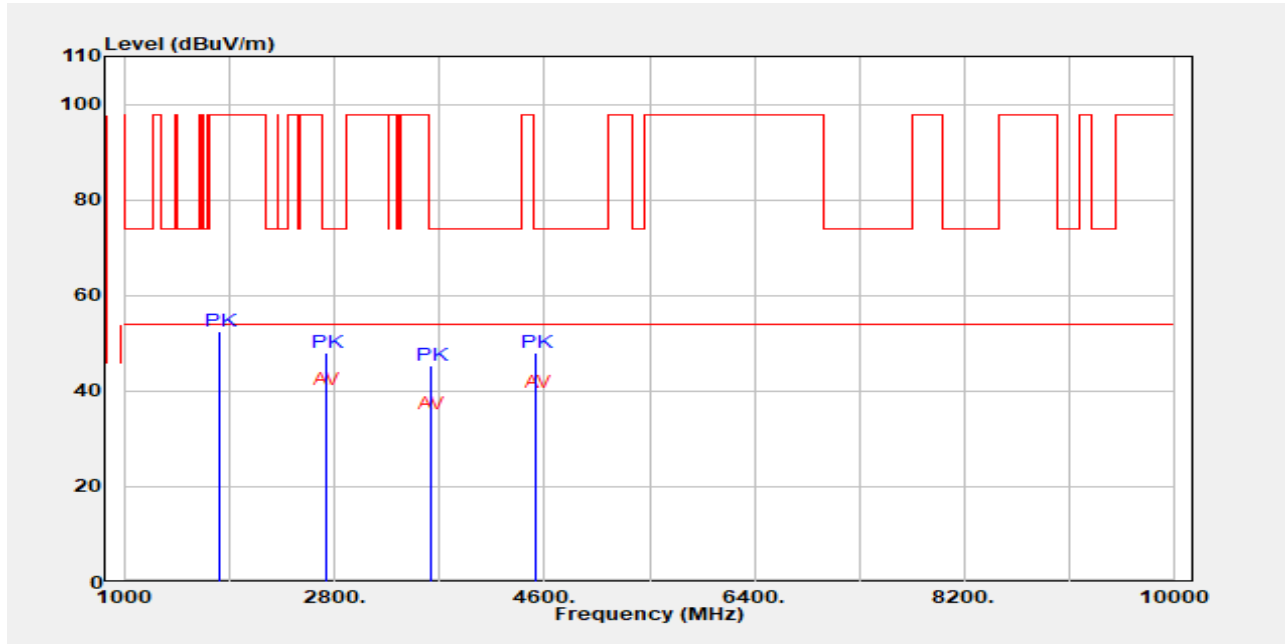
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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 4M
 Test Frequency :906MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-19
 Temp./Humi. :22.1°C/67%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



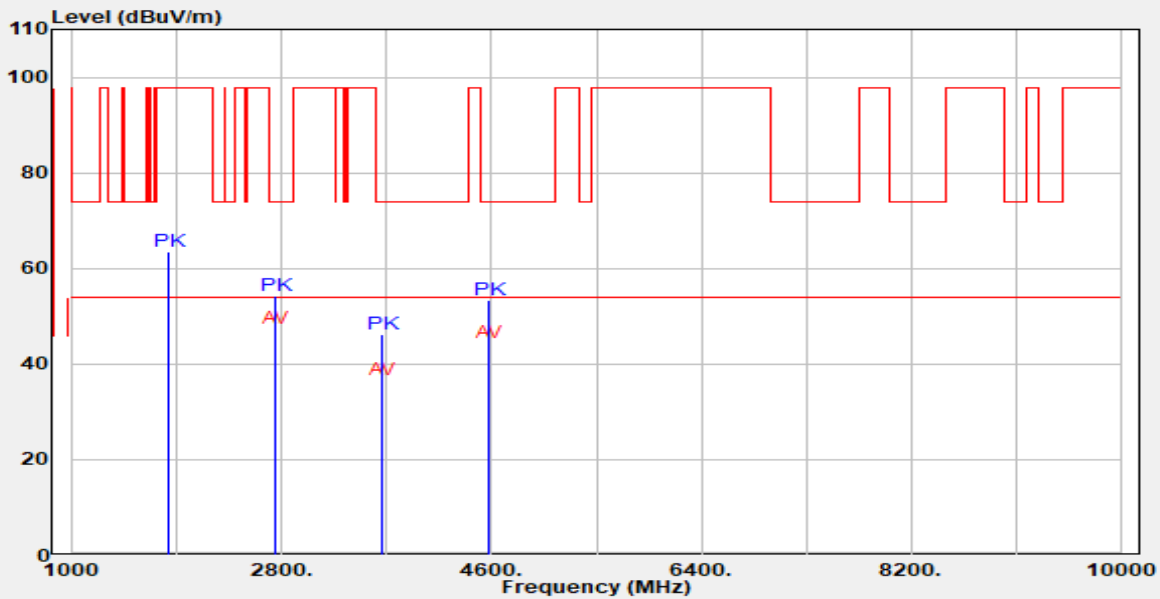
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1812.000 | Peak | 56.97 | -4.56 | 52.41 | 97.83 | -45.42 |
| 2718.000 | Average | 41.17 | -0.99 | 40.18 | 54.00 | -13.82 |
| 2718.000 | Peak | 49.13 | -0.99 | 48.14 | 74.00 | -25.86 |
| 3624.000 | Average | 34.08 | 1.11 | 35.19 | 54.00 | -18.81 |
| 3624.000 | Peak | 44.26 | 1.11 | 45.37 | 74.00 | -28.63 |
| 4530.000 | Average | 37.11 | 2.59 | 39.70 | 54.00 | -14.30 |
| 4530.000 | Peak | 45.51 | 2.59 | 48.10 | 74.00 | -25.90 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 4M
 Test Frequency :914MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-19
 Temp./Humi. :22.1°C/67%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1828.000 | Peak | 67.79 | -4.30 | 63.49 | 97.83 | -34.34 |
| 2742.000 | Average | 48.44 | -1.01 | 47.43 | 54.00 | -6.57 |
| 2742.000 | Peak | 55.38 | -1.01 | 54.37 | 74.00 | -19.63 |
| 3656.000 | Average | 35.29 | 1.35 | 36.64 | 54.00 | -17.36 |
| 3656.000 | Peak | 45.00 | 1.35 | 46.35 | 74.00 | -27.65 |
| 4570.000 | Average | 41.70 | 2.74 | 44.44 | 54.00 | -9.56 |
| 4570.000 | Peak | 50.51 | 2.74 | 53.25 | 74.00 | -20.75 |

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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

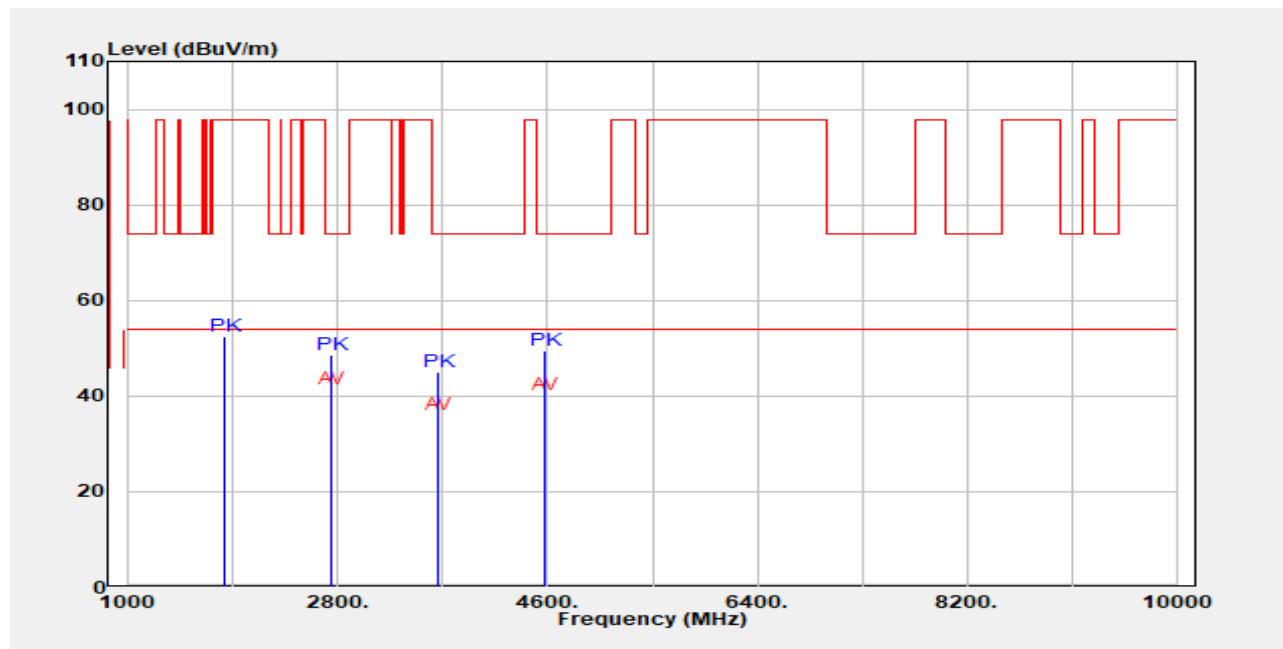
f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report Number :TERF2506001934ER
 Operation Mode :802.11ah 4M
 Test Frequency :914MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-19
 Temp./Humi. :22.1°C/67%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



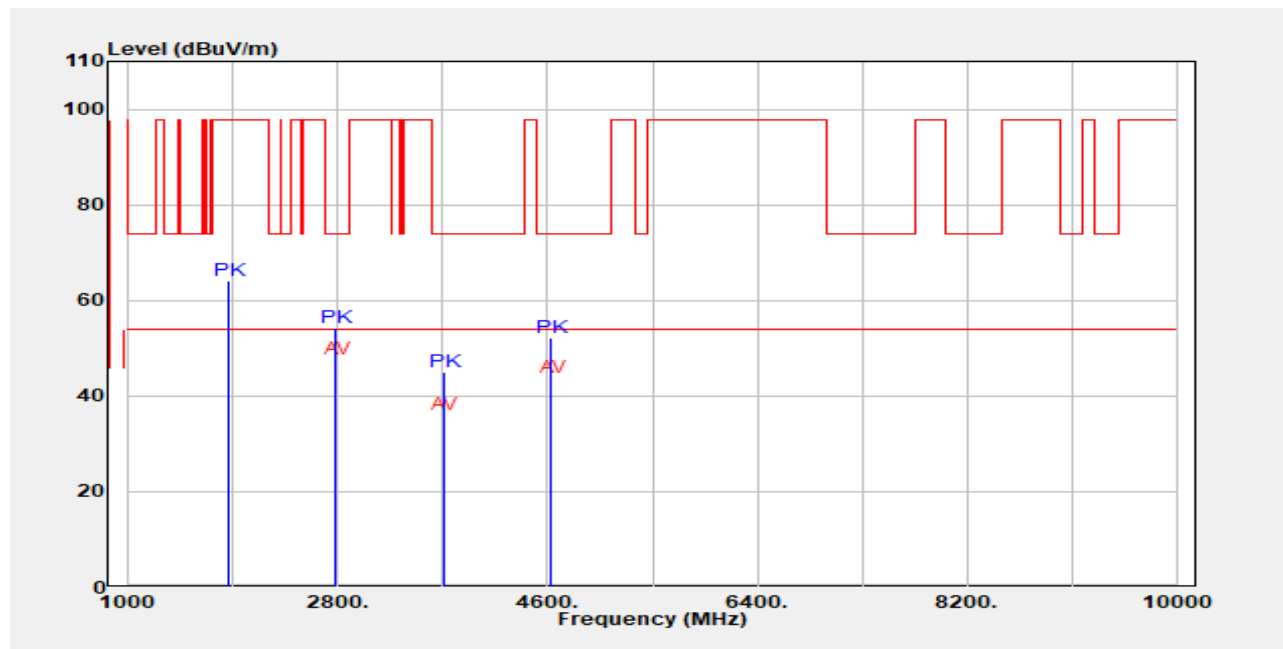
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1828.000 | Peak | 56.72 | -4.30 | 52.42 | 97.83 | -45.41 |
| 2742.000 | Average | 42.35 | -1.01 | 41.34 | 54.00 | -12.66 |
| 2742.000 | Peak | 49.63 | -1.01 | 48.62 | 74.00 | -25.38 |
| 3656.000 | Average | 34.80 | 1.35 | 36.15 | 54.00 | -17.85 |
| 3656.000 | Peak | 43.53 | 1.35 | 44.88 | 74.00 | -29.12 |
| 4570.000 | Average | 37.59 | 2.74 | 40.33 | 54.00 | -13.67 |
| 4570.000 | Peak | 46.86 | 2.74 | 49.60 | 74.00 | -24.40 |

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Report Number :TERF2506001934ER
Operation Mode :802.11ah 4M
Test Frequency :926MHz
Test Mode :Tx
EUT Pol :H Plane

Test Site :SAC 1
Test Date :2025-06-19
Temp./Humi. :22.1°C/67%
Antenna Pol. :Vertical
Engineer :WJ Lin



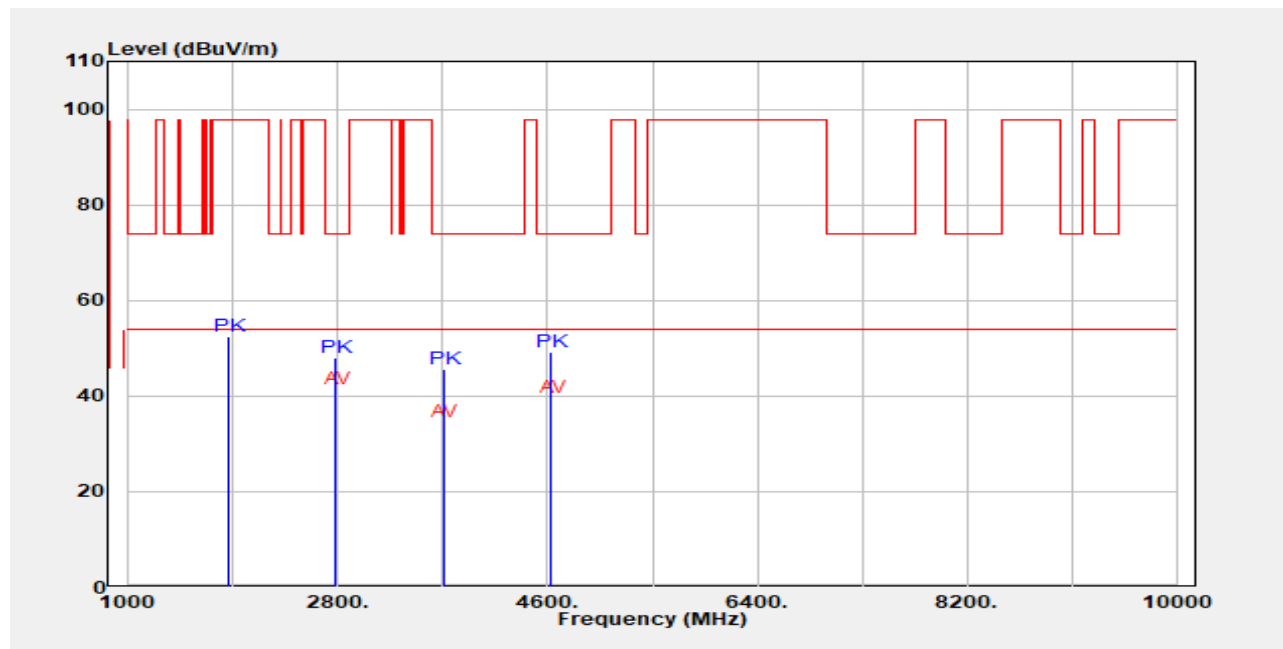
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1852.000 | Peak | 68.16 | -4.00 | 64.16 | 97.83 | -33.67 |
| 2778.000 | Average | 48.33 | -0.61 | 47.72 | 54.00 | -6.28 |
| 2778.000 | Peak | 54.91 | -0.61 | 54.30 | 74.00 | -19.70 |
| 3704.000 | Average | 34.58 | 1.56 | 36.14 | 54.00 | -17.86 |
| 3704.000 | Peak | 43.57 | 1.56 | 45.13 | 74.00 | -28.87 |
| 4630.000 | Average | 40.82 | 3.09 | 43.91 | 54.00 | -10.09 |
| 4630.000 | Peak | 49.09 | 3.09 | 52.18 | 74.00 | -21.82 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 4M
 Test Frequency :926MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-19
 Temp./Humi. :22.1°C/67%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



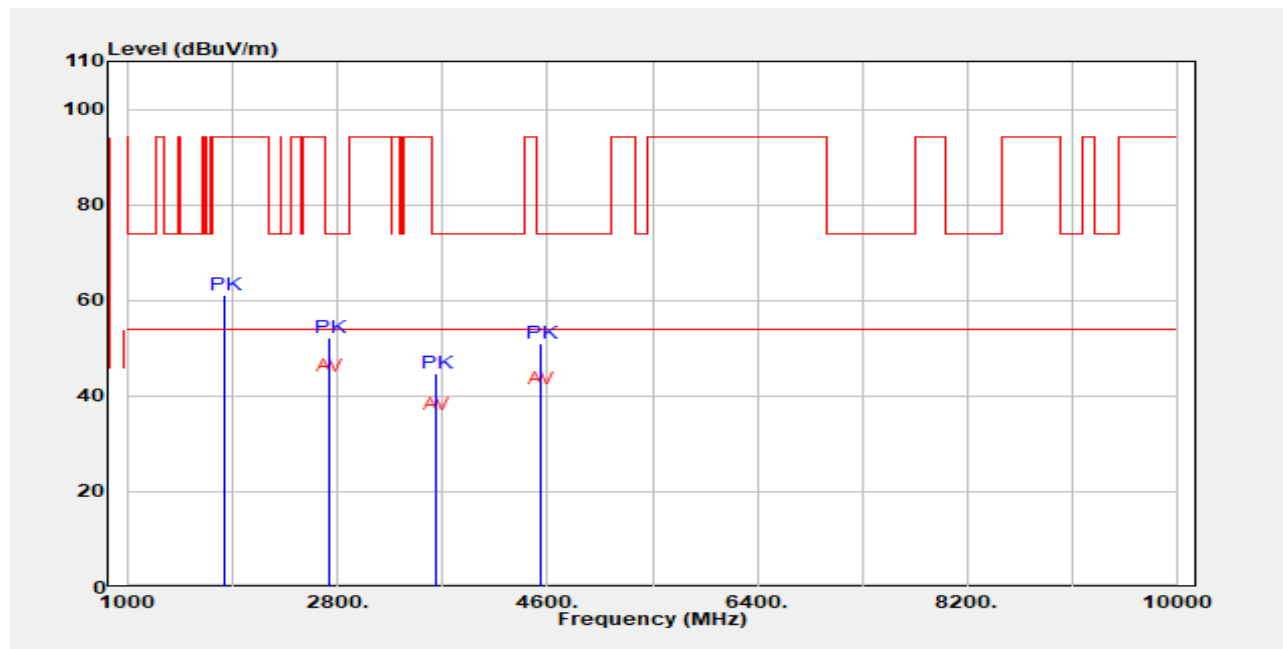
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1852.000 | Peak | 56.50 | -4.00 | 52.50 | 97.83 | -45.33 |
| 2778.000 | Average | 41.91 | -0.61 | 41.30 | 54.00 | -12.70 |
| 2778.000 | Peak | 48.58 | -0.61 | 47.97 | 74.00 | -26.03 |
| 3704.000 | Average | 32.90 | 1.56 | 34.46 | 54.00 | -19.54 |
| 3704.000 | Peak | 44.05 | 1.56 | 45.61 | 74.00 | -28.39 |
| 4630.000 | Average | 36.58 | 3.09 | 39.67 | 54.00 | -14.33 |
| 4630.000 | Peak | 46.08 | 3.09 | 49.17 | 74.00 | -24.83 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 8M
 Test Frequency :908MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-19
 Temp./Humi. :22.1°C/67%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1816.000 | Peak | 65.67 | -4.49 | 61.18 | 94.07 | -32.89 |
| 2724.000 | Average | 45.09 | -0.98 | 44.11 | 54.00 | -9.89 |
| 2724.000 | Peak | 53.06 | -0.98 | 52.08 | 74.00 | -21.92 |
| 3632.000 | Average | 34.88 | 1.18 | 36.06 | 54.00 | -17.94 |
| 3632.000 | Peak | 43.61 | 1.18 | 44.79 | 74.00 | -29.21 |
| 4540.000 | Average | 38.80 | 2.64 | 41.44 | 54.00 | -12.56 |
| 4540.000 | Peak | 48.35 | 2.64 | 50.99 | 74.00 | -23.01 |

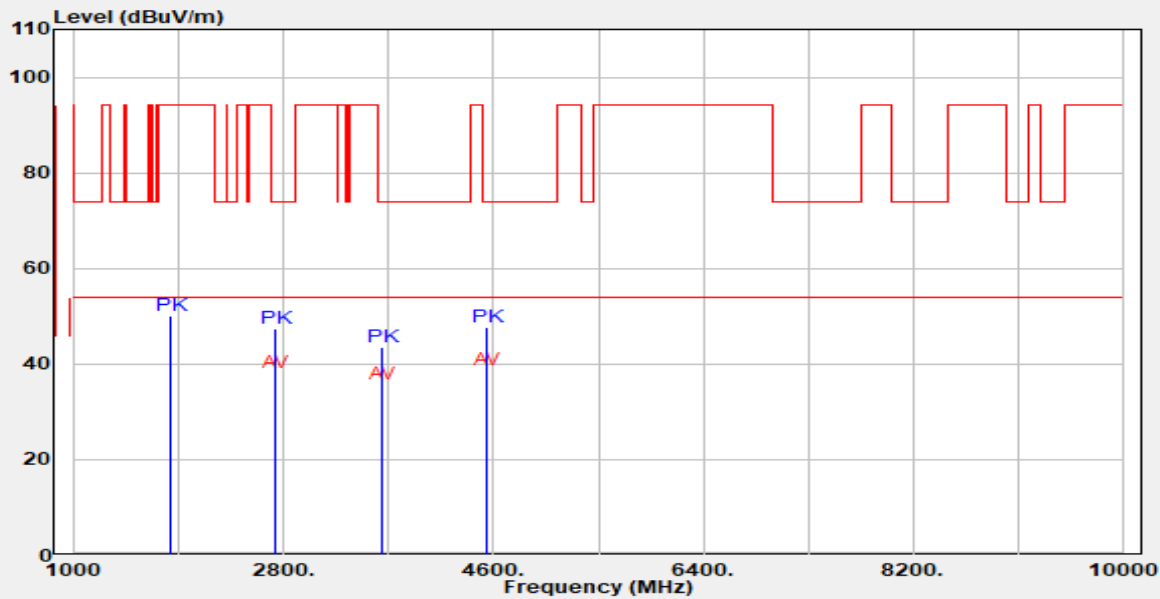
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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 8M
 Test Frequency :908MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-19
 Temp./Humi. :22.1°C/67%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1816.000 | Peak | 54.69 | -4.49 | 50.20 | 94.07 | -43.87 |
| 2724.000 | Average | 38.99 | -0.98 | 38.01 | 54.00 | -15.99 |
| 2724.000 | Peak | 48.39 | -0.98 | 47.41 | 74.00 | -26.59 |
| 3632.000 | Average | 34.52 | 1.18 | 35.70 | 54.00 | -18.30 |
| 3632.000 | Peak | 42.46 | 1.18 | 43.64 | 74.00 | -30.36 |
| 4540.000 | Average | 36.06 | 2.64 | 38.70 | 54.00 | -15.30 |
| 4540.000 | Peak | 45.09 | 2.64 | 47.73 | 74.00 | -26.27 |

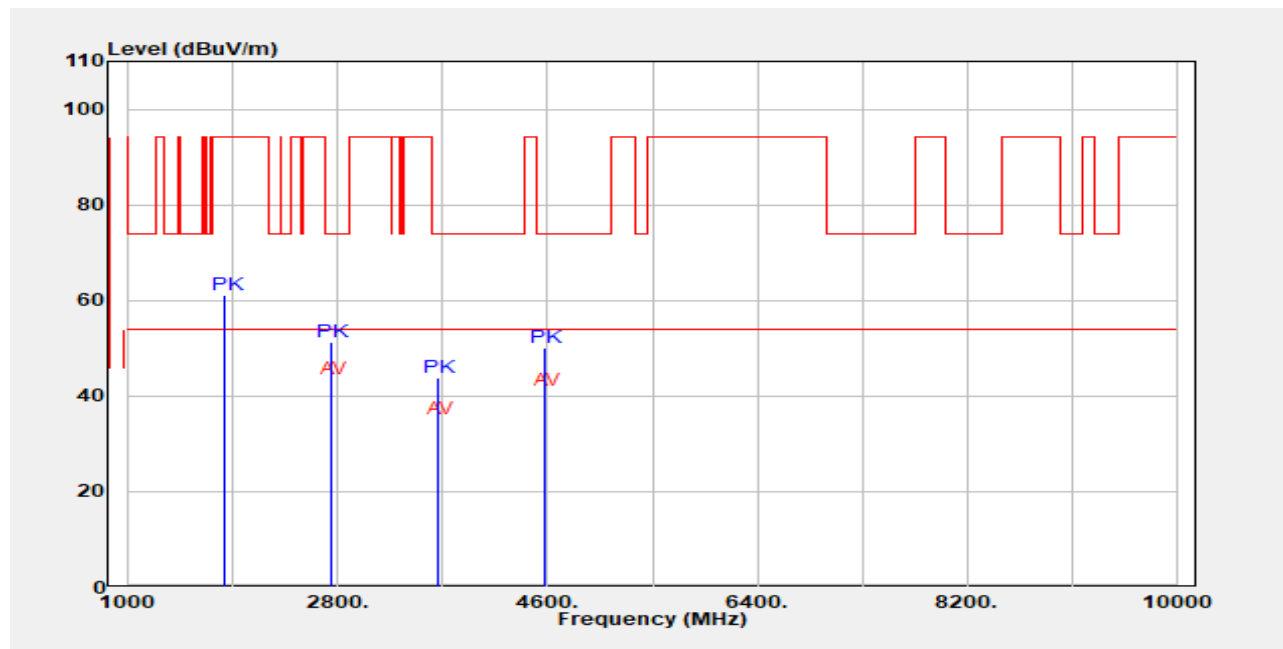
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Report Number :TERF2506001934ER
Operation Mode :802.11ah 8M
Test Frequency :916MHz
Test Mode :Tx
EUT Pol :H Plane

Test Site :SAC 1
Test Date :2025-06-19
Temp./Humi. :22.1°C/67%
Antenna Pol. :Vertical
Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1832.000 | Peak | 65.23 | -4.23 | 61.00 | 94.07 | -33.07 |
| 2748.000 | Average | 44.54 | -0.94 | 43.60 | 54.00 | -10.40 |
| 2748.000 | Peak | 52.14 | -0.94 | 51.20 | 74.00 | -22.80 |
| 3664.000 | Average | 33.89 | 1.39 | 35.28 | 54.00 | -18.72 |
| 3664.000 | Peak | 42.40 | 1.39 | 43.79 | 74.00 | -30.21 |
| 4580.000 | Average | 38.39 | 2.76 | 41.15 | 54.00 | -12.85 |
| 4580.000 | Peak | 47.36 | 2.76 | 50.12 | 74.00 | -23.88 |

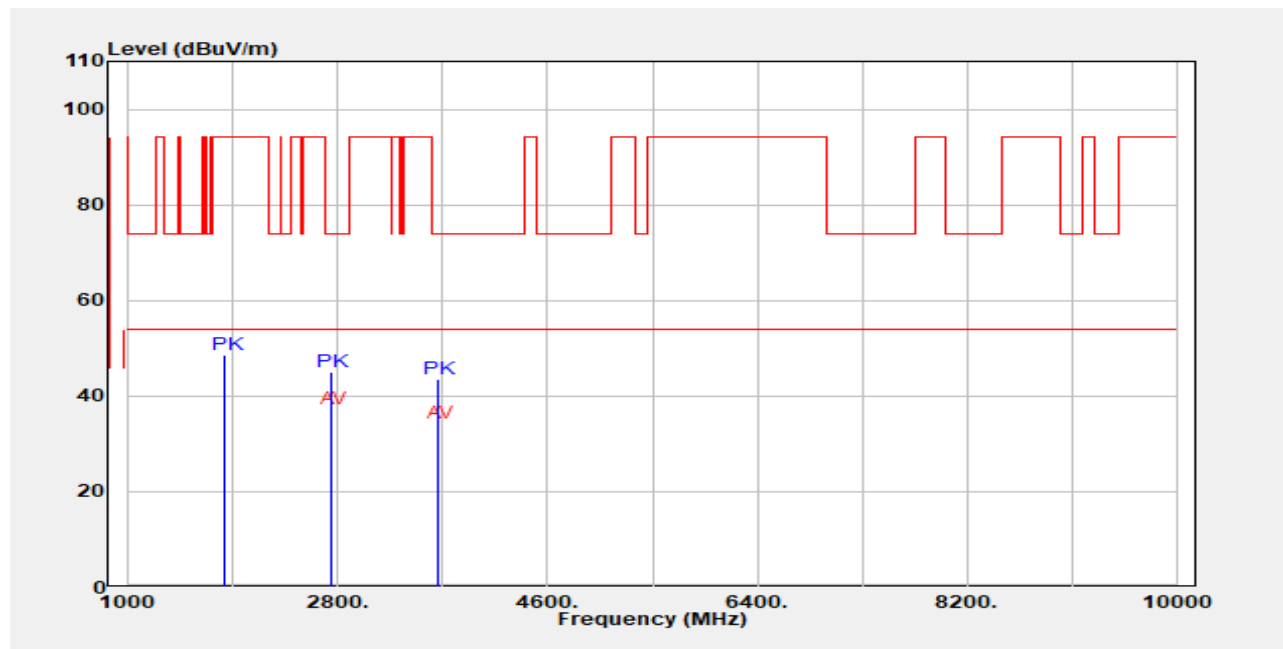
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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 8M
 Test Frequency :916MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-19
 Temp./Humi. :22.1°C/67%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



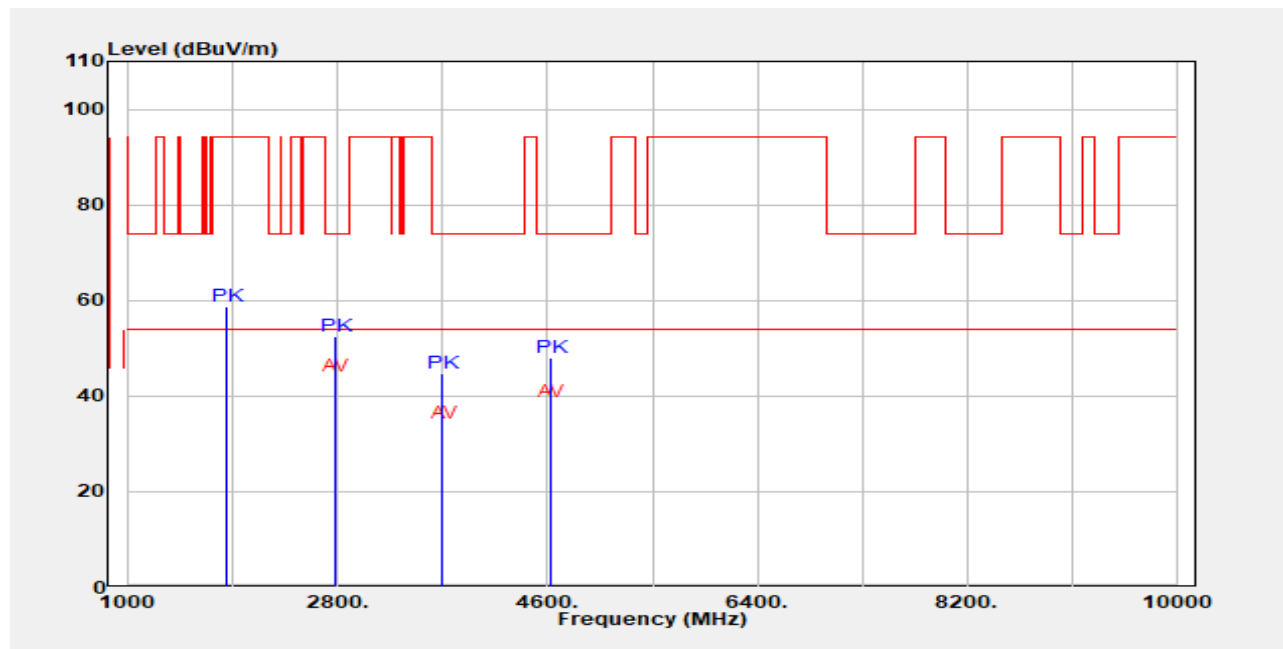
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1832.000 | Peak | 52.82 | -4.23 | 48.59 | 94.07 | -45.48 |
| 2748.000 | Average | 38.06 | -0.94 | 37.12 | 54.00 | -16.88 |
| 2748.000 | Peak | 45.86 | -0.94 | 44.92 | 74.00 | -29.08 |
| 3664.000 | Average | 33.01 | 1.39 | 34.40 | 54.00 | -19.60 |
| 3664.000 | Peak | 42.24 | 1.39 | 43.63 | 74.00 | -30.37 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 8M
 Test Frequency :924MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-19
 Temp./Humi. :22.1°C/67%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



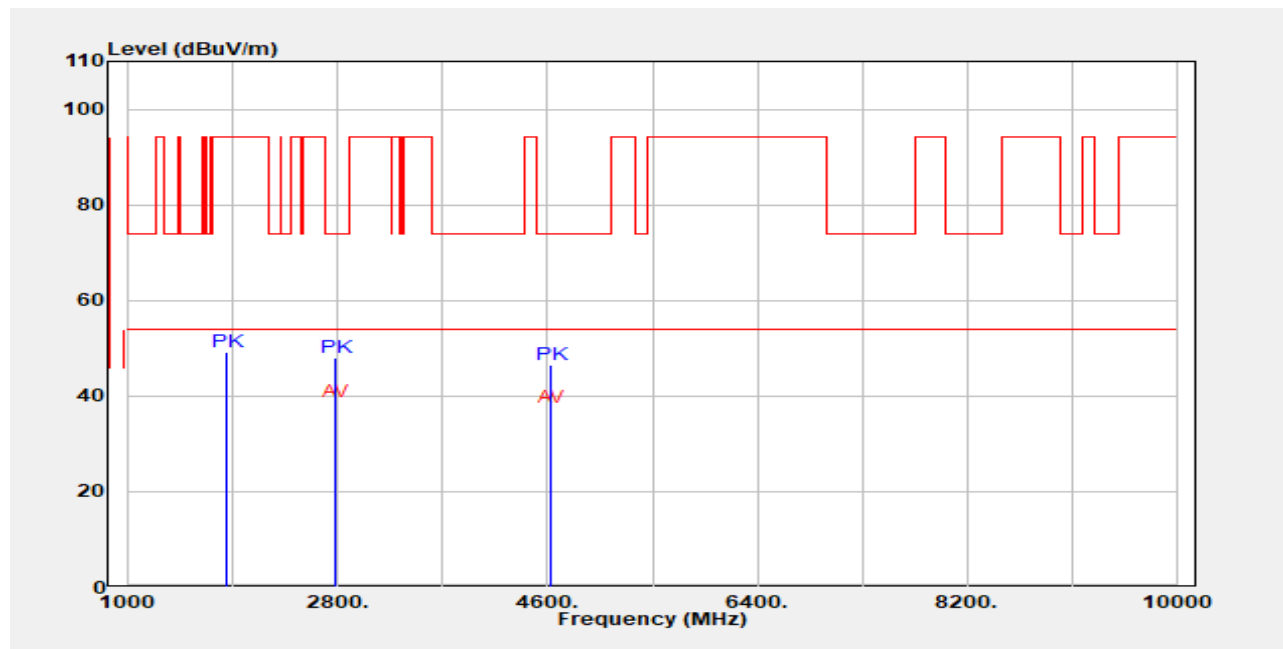
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1848.000 | Peak | 62.89 | -4.04 | 58.85 | 94.07 | -35.22 |
| 2772.000 | Average | 44.90 | -0.69 | 44.21 | 54.00 | -9.79 |
| 2772.000 | Peak | 53.04 | -0.69 | 52.35 | 74.00 | -21.65 |
| 3696.000 | Average | 32.63 | 1.52 | 34.15 | 54.00 | -19.85 |
| 3696.000 | Peak | 43.19 | 1.52 | 44.71 | 74.00 | -29.29 |
| 4620.000 | Average | 35.76 | 2.99 | 38.75 | 54.00 | -15.25 |
| 4620.000 | Peak | 45.04 | 2.99 | 48.03 | 74.00 | -25.97 |

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Report Number :TERF2506001934ER
 Operation Mode :802.11ah 8M
 Test Frequency :924MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 1
 Test Date :2025-06-19
 Temp./Humi. :22.1°C/67%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBuV/m | Limit @3m dBuV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 1848.000 | Peak | 53.33 | -4.04 | 49.29 | 94.07 | -44.78 |
| 2772.000 | Average | 39.45 | -0.69 | 38.76 | 54.00 | -15.24 |
| 2772.000 | Peak | 48.82 | -0.69 | 48.13 | 74.00 | -25.87 |
| 4620.000 | Average | 34.56 | 2.99 | 37.55 | 54.00 | -16.45 |
| 4620.000 | Peak | 43.59 | 2.99 | 46.58 | 74.00 | -27.42 |

~ End of Report ~

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