

**ELECTROMAGNETIC EMISSIONS
COMPLIANCE TEST REPORT**

Applicant: Murata Manufacturing Co., Ltd.
10-1, Higashikotari, Nagaokakyo-shi, Kyoto 617-8555 Japan

Manufacturer: Murata Manufacturing Co., Ltd.
10-1, Higashikotari, Nagaokakyo-shi, Kyoto 617-8555 Japan

Product Name: Communication Module

Brand Name: muRata

Model No.: For FCC :
LBES5PL2EL, LBEE5PL2DL
For ISED :
LBES5PL2EL-SANT, LBES5PL2EL-DANT,
LBEE5PL2DL-SANT, LBEE5PL2DL-DANT

Model Difference: Refer to section 1.6

Report Number: TERF2211002517E2

FCC ID VPYLBES5PL2EL

IC: 772C-LBES5PL2EL

Issue Date: Mar. 22, 2023

Date of Test: Feb. 14, 2023

Date of EUT Received: Nov. 25, 2022

Approved By _____

Arno 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 and & 15.407, ISED RSS-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 |
| TERF2211002517E2 | 00 | Original | Mar. 02, 2023 | Yami Kuo | |
| TERF2211002517E2 | 01 | Revise applicant's address and model difference | Mar. 22, 2023 | Yami Kuo | * |
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Note:

- 1、The remark "*" indicates modification of the report upon requests from certification body.
- 2、Variant information of model numbers is provided by the applicant, test results of this report are applicable to the sample EUT(s) received.

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1 GENERAL INFORMATION

1.1 Product Description

| | | |
|------------------------------|----------------------|---|
| Product Name: | Communication Module | |
| Brand Name: | muRata | |
| Model No.: | For FCC | LBES5PL2EL, LBEE5PL2DL |
| | For ISCED | LBES5PL2EL-SANT, LBES5PL2EL-DANT, LBEE5PL2DL-SANT, LBEE5PL2DL-DANT |
| Model Difference: | Refer to section 1.6 | |
| Hardware Version: | 1 | |
| Firmware Version: | N/A | |
| EUT Series No.: | L#6 | |
| Power Supply: | 3.3Vdc, 1.8Vdc | |
| Test Software (Name/Version) | Tera Term V4.106 | |

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1.2 Test Methodology of Applied Standards

- FCC Part 15, Subpart C §15.247
- FCC Part 15, Subpart E §15.407
- FCC KDB 558074 D01 15.247 Meas Guidance v05r02
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01
- RSS-247 issue 2 Feb. 2017
- RSS-Gen, Issue 5 April 2018
- ANSI C63.10:2013

1.3 Test Facility

| Laboratory | Test Site Address | Test Site Name | FCC Designation 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.

1.4 Special Accessories

There are no special accessories used while test was conducted.

1.5 Equipment Modifications

There was no modification incorporated into the EUT.

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1.6 Model Difference

1. There are 4 HVINs with 2 PMNs as below

a. The LBES5PL2EL-SANT and LBES5PL2EL-DANT are electrically identical.

| HVIN | PMN | Chip on C101 | RF functions |
|-----------------|------------|--------------|--|
| LBES5PL2EL-SANT | LBES5PL2EL | IW612 | WLAN 2.4GHz,5GHz, BT,BLE, IEEE802.15.4 |
| LBES5PL2EL-DANT | | | |

b. The LBEE5PL2DL-SANT and LBEE5PL2DL-DANT are electrically identical.

| HVIN | PMN | Chip on C101 | RF functions |
|-----------------|------------|--------------|-----------------------------|
| LBEE5PL2DL-SANT | LBEE5PL2DL | IW611 | WLAN 2.4GHz,5GHz, BT,BLE |
| LBEE5PL2DL-DANT | | | |

2. In addition, there are 2 HMNs, the differences between the HMN(s) are

| HMN | HVIN | Antenna connector(s) | WLAN | BT | BLE | IEEE802.15.4 |
|-------------|-----------------|----------------------|------|------|------|--------------|
| P2ML10229-D | LBES5PL2EL-DANT | 2 (ANT0, ANT1) | ANT0 | ANT1 | ANT1 | ANT1 |
| | LBEE5PL2DL-DANT | | | | | NA |
| P2ML10229-S | LBES5PL2EL-SANT | 1 (ANT0) | ANT0 | ANT0 | ANT0 | ANT0 |
| | LBEE5PL2DL-SANT | | | | | NA |

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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.

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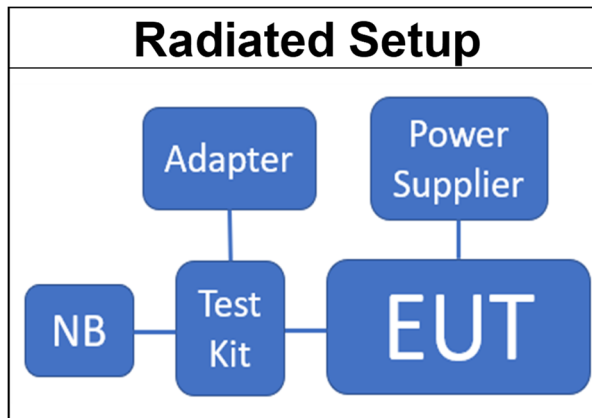
2.4 Measurement Results Explanation Example

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.

2.5 Test Configuration



2.6 Control Unit(s)

| Radiated Emission Test Site: SAC C | | | | | |
|------------------------------------|----------------------|--------------|---------------|-----------|----------|
| EQUIPMENT TYPE | MFR | MODEL NUMBER | SERIAL NUMBER | LAST CAL. | CAL DUE. |
| Notebook | Lenovo | T440p | P0000665 | N/A | N/A |
| USB Cable | ZHUANG SHAN CHUAN | E333601 | N/A | N/A | N/A |
| Adapter | EDACPOWER | EA1045CR | N/A | N/A | N/A |

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3 DESCRIPTION OF TEST MODES

3.1 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 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.

Test mode

Final test modes are considering the modulation and worse data rate as below table.

| Simultaneously constitute |
|-----------------------------------|
| WLAN 2.4G_ANT0+Bluetooth_ANT1 |
| WLAN 5G_ANT0+Bluetooth_ANT1 |
| WLAN 2.4G_ANT0+Bluetooth LE_ANT1 |
| WLAN 5G_ANT0+Bluetooth LE_ANT1 |
| WLAN 2.4G_ANT0+IEEE 802.15.4_ANT1 |
| WLAN 5G_ANT0+IEEE 802.15.4_ANT1 |

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4 MEASUREMENT UNCERTAINTY

| Test Items | Uncertainty |
|--|-------------|
| Undesignable radiated emission measurement | +/- 1.68 dB |
| Temperature | +/- 0.7 °C |
| Humidity | +/- 3 % |
| DC / AC Power Source | +/- 1 % |

| Radiated Spurious Emission Measurement Uncertainty | | | |
|--|------------|-------------|-----------------|
| Polarization: Vertical | +/- | 2.8 | dB |
| | | | 9kHz~30MHz |
| | +/- | 4.82 | dB |
| | | | 30MHz - 1000MHz |
| Polarization: Horizontal | +/- | 4.37 | dB |
| | | | 1GHz - 18GHz |
| | +/- | 4.21 | dB |
| | | | 18GHz - 40GHz |
| Polarization: Horizontal | +/- | 2.8 | dB |
| | | | 9kHz~30MHz |
| | +/- | 4.54 | dB |
| | | | 30MHz - 1000MHz |
| Polarization: Horizontal | +/- | 4.37 | dB |
| | | | 1GHz - 18GHz |
| Polarization: Horizontal | +/- | 4.21 | dB |
| | | | 18GHz - 40GHz |

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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5 UNDESIRABLE RADIATED EMISSION MEASUREMENT

5.1 Standard Applicable

$EIRP = (E \cdot d)^2 / 30$, where E is the field strength in V/m, d is the measurement distance (3m), $EIRP$ is the equivalent isotropically radiated power in Watts.

5.1.1 5150~5850 MHz

| Applicable to | Operation Freq. (MHz) | EIRP | | Field Strength @ 3m (dBμV/m) |
|-------------------------------------|-----------------------|--|------------------|------------------------------|
| | | Freq. (MHz) | Limits (dBm/MHz) | |
| 15.407(b)(1) RSS-247 §6.2.1.2 | 5150~5250 | f ≤ 5150 f ≥ 5350 | PK: -27 | PK: 68.2 |
| 15.407(b)(2) RSS-247 §6.2.2.2 | 5250~5350 | | | |
| 15.407(b)(3) RSS-247 §6.2.3.2 | 5475~5725 | f ≤ 5470 f ≥ 5725 | | |
| 15.407(b)(4)(i) RSS-247 §6.2.4.2 | 5725~5850 | at 75 MHz or more above or below the band edge | PK:-27 | PK: 68.2 |

5.1.2 Spurious Emission

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 and RSS-Gen §8.9 Table 5 and 6 limit as below.

And according to §15.33(a) (1) & RSS-Gen §6.13.2.a, 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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5.2 Measurement Equipment Used:

| Radiated Emission Test Site: SAC C | | | | | |
|------------------------------------|-----------------|-------------------|--------------------------|------------|------------|
| EQUIPMENT TYPE | MFR | MODEL NUMBER | SERIAL NUMBER | LAST CAL. | CAL DUE. |
| Broadband Antenna | SCHWARZBECK | VULB 9168 | 9168-300 | 11/11/2022 | 11/10/2023 |
| Horn Antenna | Schwarzbeck | BBHA9170 | 185 | 08/22/2022 | 08/21/2023 |
| Horn Antenna | Schwarzbeck | BBHA9120D | 1187 | 01/12/2023 | 01/11/2024 |
| Loop Antenna | ETS.LINDGREN | 6502 | 143303 | 05/14/2022 | 05/13/2023 |
| 3m Site NSA | SGS | 966 chamber C | N/A | 03/02/2022 | 03/01/2023 |
| Spectrum Analyzer | KEYSIGHT | N9010A | MY57120290 | 04/01/2022 | 03/31/2023 |
| DC Power Supply | Agilent | E3640A | MY53170008 | 09/12/2022 | 09/11/2023 |
| Test Software | audix | e3 | E3 20923 SGS Ver.9 (C) | N.C.R | N.C.R |
| Pre-Amplifier | EMC Instruments | EMC330 | 980096 | 11/16/2022 | 11/15/2023 |
| Pre-Amplifier | EMC Instruments | EMC0011830 | 980199 | 11/16/2022 | 11/15/2023 |
| Pre-Amplifier | EMC Instruments | EMC18405SEE | 980881 | 10/25/2022 | 10/24/2023 |
| Attenuator | Woken | WATT-218FS-10 | RF16 | 11/16/2022 | 11/15/2023 |
| Coaxial Cable | Huber Suhner | EMC106-SM-SM-9100 | 150704 | 11/16/2022 | 11/15/2023 |
| Coaxial Cable | Huber Suhner | SUCOFLEX 104 | MY17388/4 | 11/16/2022 | 11/15/2023 |
| Coaxial Cable | Huber Suhner | RG 214/U | W22.03 | 11/16/2022 | 11/15/2023 |

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

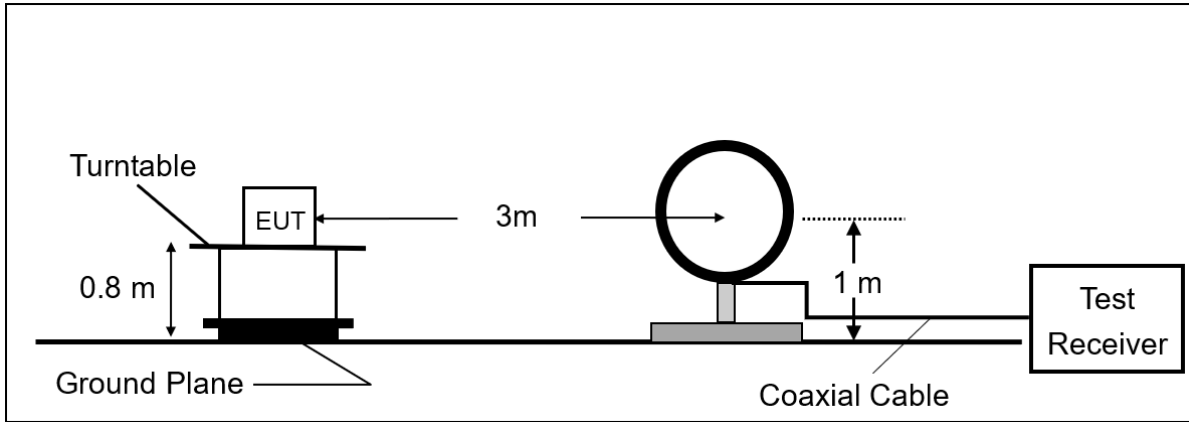
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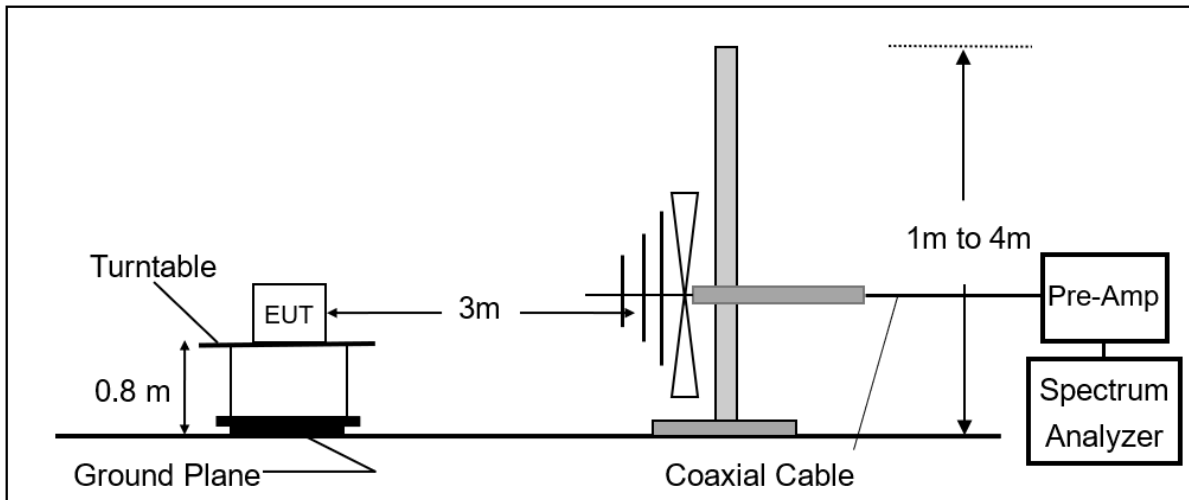
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5.3 Test Setup

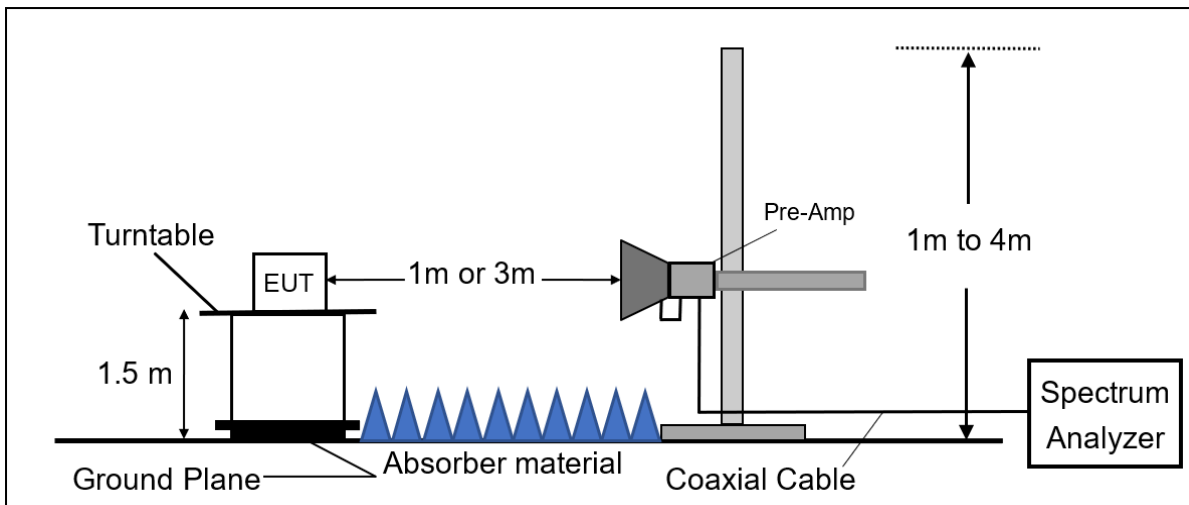
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



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



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



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5.4 Measurement Procedure

1. The EUT was placed on a turn table with 0.8m for frequency < 1GHz and 1.5m for frequency > 1GHz above ground plane.
2. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
4. Set the spectrum analyzer as RBW=100 kHz and VBW=300 kHz for Peak Detector (PK) at frequency between 30MHz and 1 GHz
5. Use receiver mode as RBW=120 kHz for Quasi-peak (QP) at frequency between 30MHz and 1 GHz.
6. Set the spectrum analyzer as RBW=1 MHz, VBW=3 MHz for Maximum Emission Measurements at frequency above 1 GHz.
7. Set the spectrum analyzer as RBW=1 MHz, VBW=10 Hz (Duty cycle > 98%) or VBW \geq 1/T (Duty cycle < 98%) for Average Emission Measurements at frequency above 1 GHz.
8. 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.
9. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
10. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
11. Repeat above procedures until all frequency measured were complete.

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5.5 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 $20 \cdot \log(\mu\text{V/m})$

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

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

5.6 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) & RSS-GEN §6.13.2 was not reported.

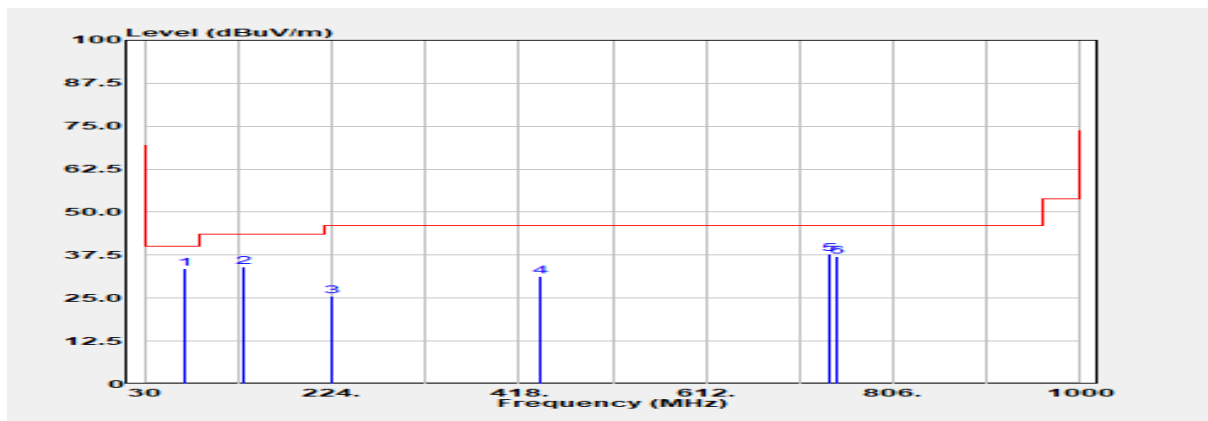
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5.7 Radiated Spurious Emission Measurement Result

5.7.1 Spurious Emission

| | | | |
|----------------|-------------------|--------------|-------------|
| Report Number | :TERF2211002517E2 | Test Site | :SAC C |
| Operation Mode | :802.11b+BR | Test Date | :2023-02-13 |
| Test Frequency | :2437+2402 MHz | Temp./Humi. | :22.1/72 |
| Test Mode | :Tx | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plane | Engineer | :Andy Wang |



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 70.740 | Peak | 48.82 | -15.26 | 33.56 | 40.00 | -6.44 |
| 131.850 | Peak | 47.81 | -13.68 | 34.13 | 43.50 | -9.37 |
| 224.970 | Peak | 40.55 | -15.04 | 25.51 | 46.00 | -20.49 |
| 441.280 | Peak | 37.53 | -6.16 | 31.37 | 46.00 | -14.63 |
| 741.010 | Peak | 38.29 | -0.56 | 37.73 | 46.00 | -8.27 |
| 746.830 | Peak | 37.83 | -0.62 | 37.21 | 46.00 | -8.79 |

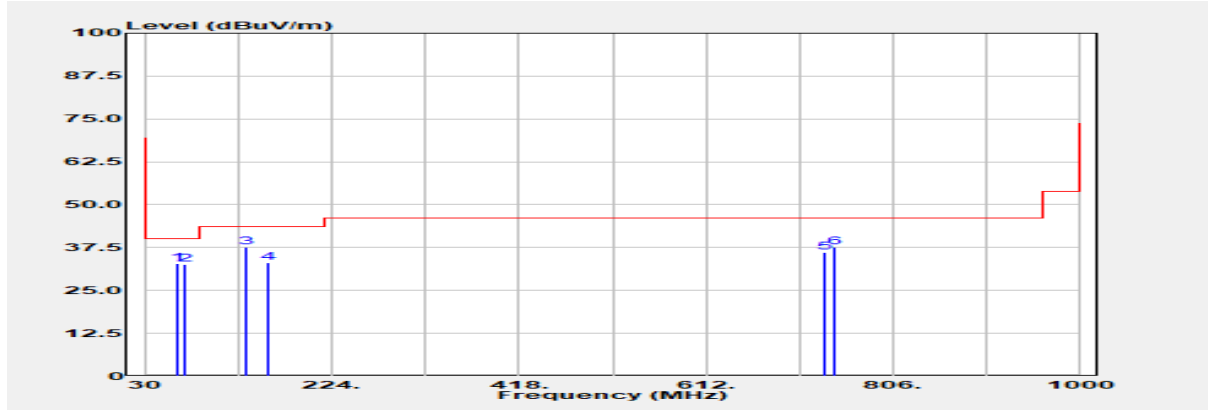
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Report Number :TERF2211002517E2
 Operation Mode :802.11b+BR
 Test Frequency :2437+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 64.920 | Peak | 47.07 | -14.21 | 32.85 | 40.00 | -7.15 |
| 70.740 | Peak | 47.82 | -15.26 | 32.56 | 40.00 | -7.44 |
| 135.730 | Peak | 50.86 | -13.19 | 37.68 | 43.50 | -5.82 |
| 157.070 | Peak | 45.28 | -12.15 | 33.13 | 43.50 | -10.37 |
| 734.220 | Peak | 36.61 | -0.39 | 36.22 | 46.00 | -9.78 |
| 745.860 | Peak | 38.28 | -0.56 | 37.72 | 46.00 | -8.28 |

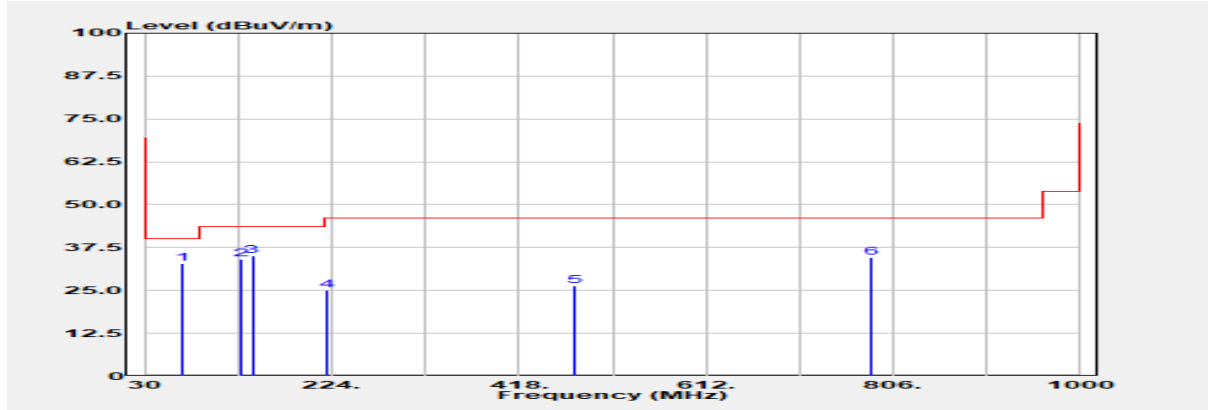
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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+BR
 Test Frequency :2437+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Vertical
 Engineer :Andy Wang



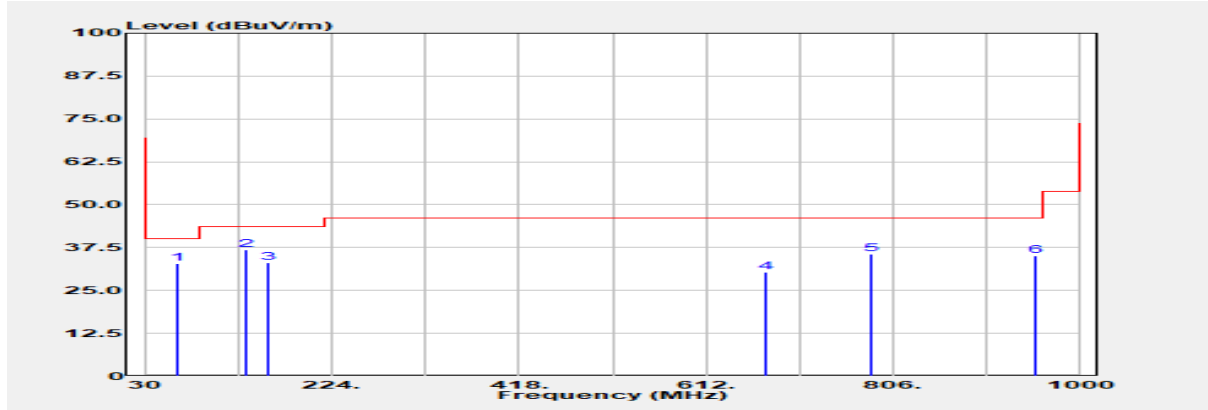
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dB μ V | Factor dB | Actual FS dB μ V/m | Limit @3m dB μ V/m | Margin dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 69.770 | Peak | 48.01 | -15.26 | 32.75 | 40.00 | -7.25 |
| 129.910 | Peak | 47.98 | -13.85 | 34.13 | 43.50 | -9.37 |
| 141.550 | Peak | 47.67 | -12.68 | 34.99 | 43.50 | -8.51 |
| 220.120 | Peak | 40.27 | -15.18 | 25.09 | 46.00 | -20.91 |
| 475.230 | Peak | 32.69 | -6.47 | 26.22 | 46.00 | -19.78 |
| 783.690 | Peak | 33.71 | 0.93 | 34.64 | 46.00 | -11.36 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+BR
 Test Frequency :2437+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



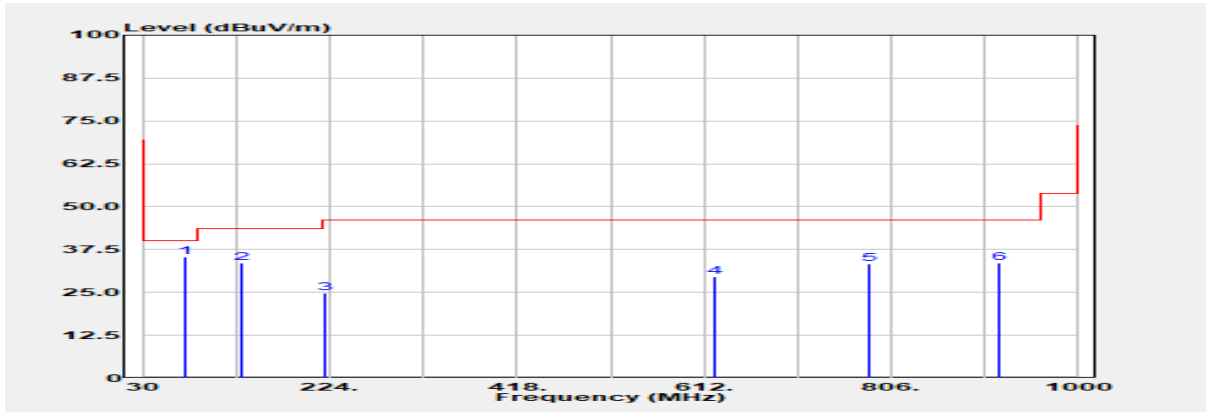
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dB μ V | Factor dB | Actual FS dB μ V/m | Limit @3m dB μ V/m | Margin dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 64.920 | Peak | 47.02 | -14.21 | 32.80 | 40.00 | -7.20 |
| 134.760 | Peak | 50.24 | -13.32 | 36.92 | 43.50 | -6.58 |
| 157.070 | Peak | 45.22 | -12.15 | 33.07 | 43.50 | -10.43 |
| 675.050 | Peak | 31.78 | -1.56 | 30.22 | 46.00 | -15.78 |
| 783.690 | Peak | 34.63 | 0.93 | 35.56 | 46.00 | -10.44 |
| 954.410 | Peak | 31.25 | 3.73 | 34.98 | 46.00 | -11.02 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11a+BR
 Test Frequency :5580+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Vertical
 Engineer :Andy Wang



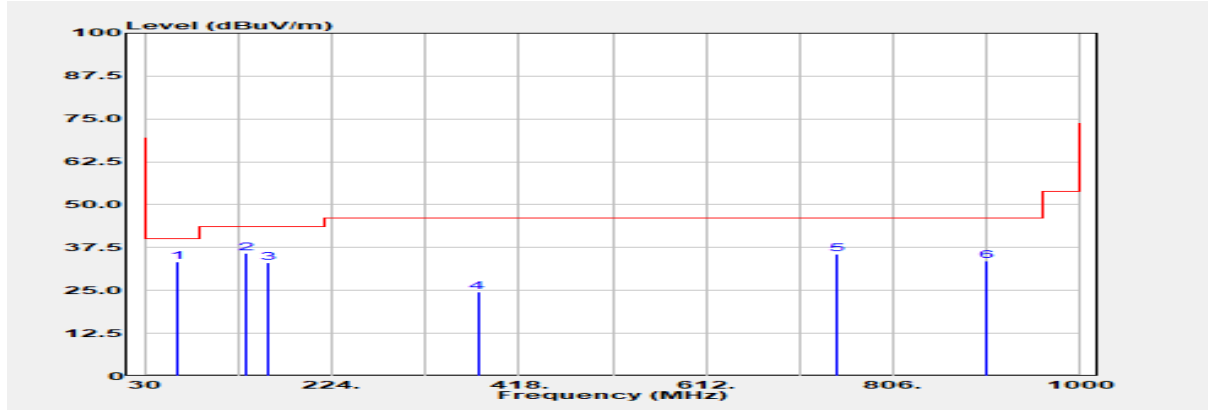
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 74.620 | Peak | 51.43 | -16.07 | 35.35 | 40.00 | -4.65 |
| 131.850 | Peak | 47.29 | -13.68 | 33.60 | 43.50 | -9.90 |
| 220.120 | Peak | 40.10 | -15.18 | 24.92 | 46.00 | -21.08 |
| 623.640 | Peak | 31.97 | -2.29 | 29.68 | 46.00 | -16.32 |
| 783.690 | Peak | 32.38 | 0.93 | 33.32 | 46.00 | -12.68 |
| 918.520 | Peak | 30.20 | 3.40 | 33.60 | 46.00 | -12.40 |

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 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



| 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 |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 64.920 | Peak | 47.62 | -14.21 | 33.41 | 40.00 | -6.59 |
| 135.730 | Peak | 49.11 | -13.19 | 35.92 | 43.50 | -7.58 |
| 157.070 | Peak | 45.13 | -12.15 | 32.98 | 43.50 | -10.52 |
| 375.320 | Peak | 33.48 | -9.03 | 24.45 | 46.00 | -21.55 |
| 746.830 | Peak | 36.28 | -0.62 | 35.67 | 46.00 | -10.33 |
| 902.030 | Peak | 30.98 | 2.58 | 33.56 | 46.00 | -12.44 |

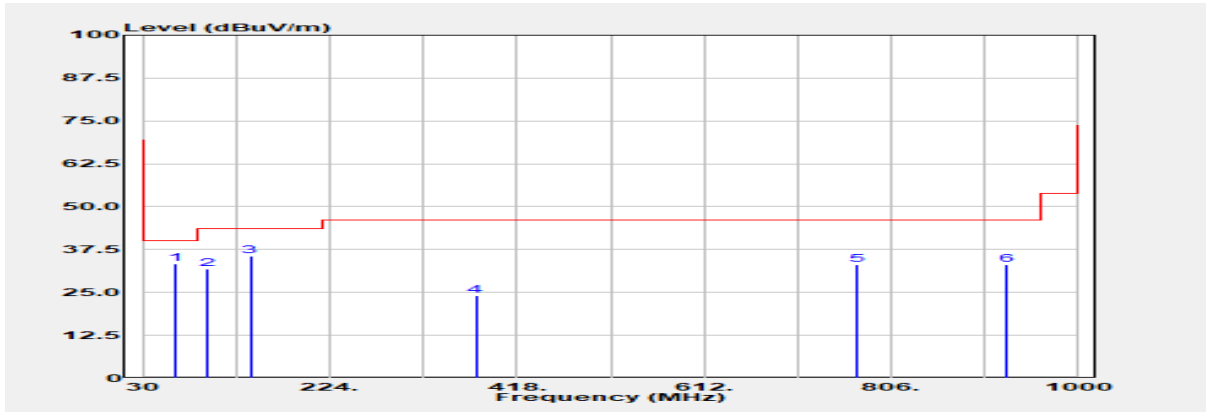
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 Operation Mode :802.11ax20+BR
 Test Frequency :5220+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Vertical
 Engineer :Andy Wang



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 63.950 | Peak | 47.37 | -13.96 | 33.41 | 40.00 | -6.59 |
| 97.900 | Peak | 49.26 | -17.53 | 31.73 | 43.50 | -11.77 |
| 141.550 | Peak | 48.38 | -12.68 | 35.70 | 43.50 | -7.80 |
| 375.320 | Peak | 33.01 | -9.03 | 23.98 | 46.00 | -22.02 |
| 771.080 | Peak | 32.16 | 0.88 | 33.04 | 46.00 | -12.96 |
| 924.340 | Peak | 29.54 | 3.64 | 33.18 | 46.00 | -12.82 |

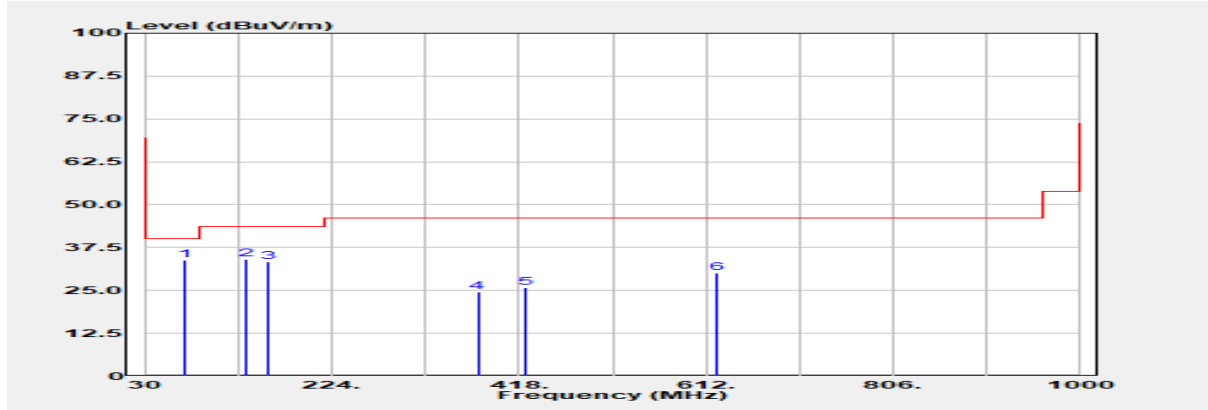
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 Test Frequency :5220+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



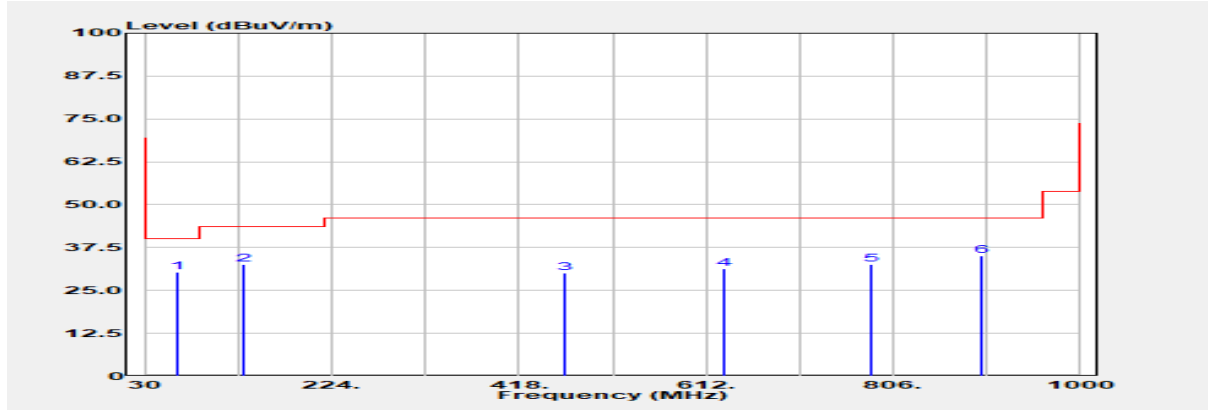
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBUV | Factor dB | Actual FS dBUV/m | Limit @3m dBUV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 70.740 | Peak | 49.02 | -15.26 | 33.77 | 40.00 | -6.23 |
| 135.730 | Peak | 47.29 | -13.19 | 34.11 | 43.50 | -9.39 |
| 158.040 | Peak | 45.30 | -12.05 | 33.24 | 43.50 | -10.26 |
| 375.320 | Peak | 33.52 | -9.03 | 24.48 | 46.00 | -21.52 |
| 424.790 | Peak | 33.19 | -7.50 | 25.69 | 46.00 | -20.31 |
| 623.640 | Peak | 32.40 | -2.29 | 30.11 | 46.00 | -15.89 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11b+BLE 1M
 Test Frequency :2437+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Vertical
 Engineer :Andy Wang



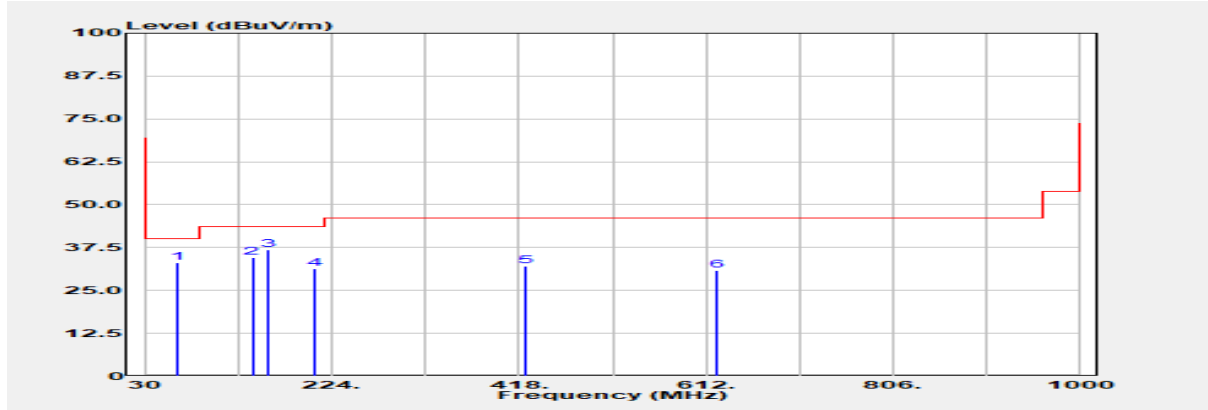
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 64.920 | Peak | 44.47 | -14.21 | 30.26 | 40.00 | -9.74 |
| 131.850 | Peak | 46.36 | -13.68 | 32.67 | 43.50 | -10.83 |
| 464.560 | Peak | 36.32 | -6.28 | 30.05 | 46.00 | -15.95 |
| 631.400 | Peak | 32.69 | -1.45 | 31.25 | 46.00 | -14.75 |
| 783.690 | Peak | 31.62 | 0.93 | 32.55 | 46.00 | -13.45 |
| 898.150 | Peak | 32.88 | 2.29 | 35.17 | 46.00 | -10.83 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11b+BLE 1M
 Test Frequency :2437+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 64.920 | Peak | 47.21 | -14.21 | 32.99 | 40.00 | -7.01 |
| 141.550 | Peak | 47.22 | -12.68 | 34.54 | 43.50 | -8.96 |
| 157.070 | Peak | 48.89 | -12.15 | 36.74 | 43.50 | -6.76 |
| 205.570 | Peak | 47.09 | -15.75 | 31.34 | 43.50 | -12.16 |
| 424.790 | Peak | 39.65 | -7.50 | 32.16 | 46.00 | -13.84 |
| 623.640 | Peak | 33.01 | -2.29 | 30.71 | 46.00 | -15.29 |

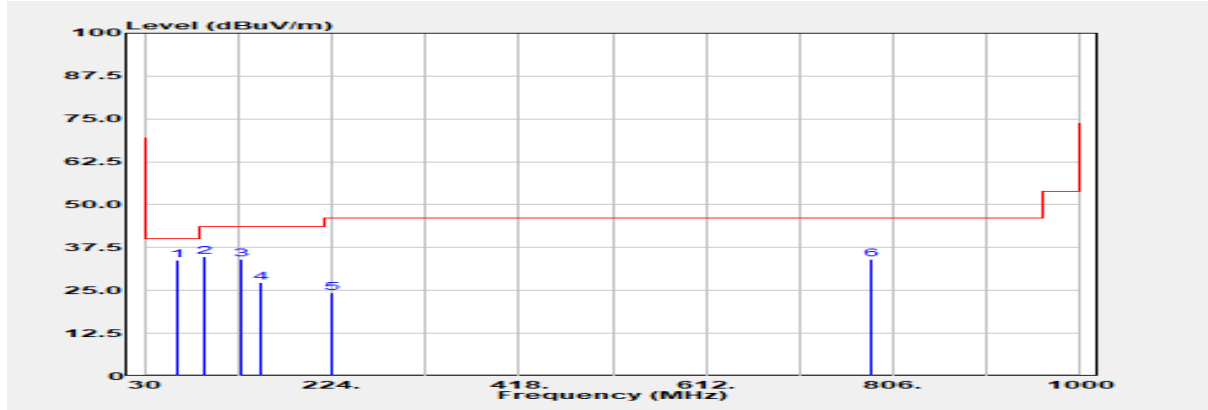
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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+BLE 1M
 Test Frequency :2437+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Vertical
 Engineer :Andy Wang



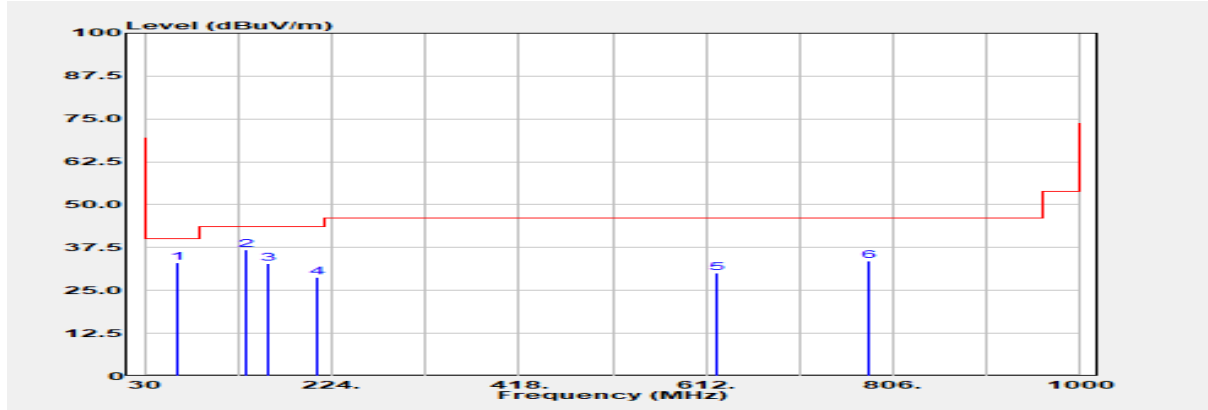
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dB μ V | Factor dB | Actual FS dB μ V/m | Limit @3m dB μ V/m | Margin dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 62.980 | Peak | 47.76 | -13.99 | 33.78 | 40.00 | -6.22 |
| 93.050 | Peak | 52.91 | -18.18 | 34.73 | 43.50 | -8.77 |
| 129.910 | Peak | 47.99 | -13.85 | 34.14 | 43.50 | -9.36 |
| 151.250 | Peak | 39.64 | -12.30 | 27.34 | 43.50 | -16.16 |
| 224.970 | Peak | 39.41 | -15.04 | 24.37 | 46.00 | -21.63 |
| 783.690 | Peak | 33.04 | 0.93 | 33.97 | 46.00 | -12.03 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+BLE 1M
 Test Frequency :2437+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 64.920 | Peak | 47.39 | -14.21 | 33.18 | 40.00 | -6.82 |
| 134.760 | Peak | 50.12 | -13.32 | 36.80 | 43.50 | -6.70 |
| 157.070 | Peak | 44.96 | -12.15 | 32.81 | 43.50 | -10.69 |
| 208.480 | Peak | 44.53 | -15.65 | 28.88 | 43.50 | -14.62 |
| 623.640 | Peak | 32.26 | -2.29 | 29.97 | 46.00 | -16.03 |
| 779.810 | Peak | 32.83 | 0.75 | 33.58 | 46.00 | -12.42 |

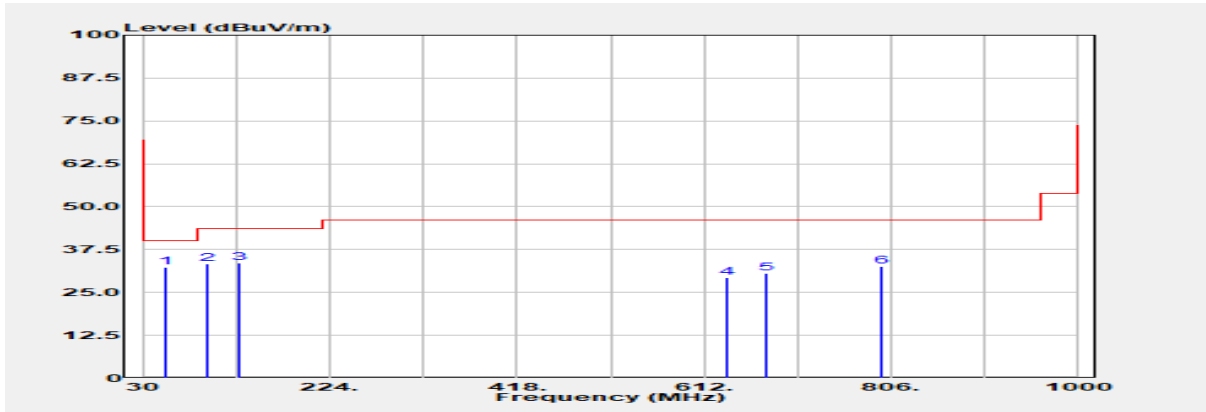
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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+BLE 1M
 Test Frequency :5220+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Vertical
 Engineer :Andy Wang



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 54.250 | Peak | 45.24 | -12.83 | 32.41 | 40.00 | -7.59 |
| 97.900 | Peak | 50.83 | -17.53 | 33.30 | 43.50 | -10.20 |
| 129.910 | Peak | 47.34 | -13.85 | 33.49 | 43.50 | -10.01 |
| 635.280 | Peak | 30.96 | -1.62 | 29.34 | 46.00 | -16.66 |
| 676.990 | Peak | 32.01 | -1.35 | 30.66 | 46.00 | -15.34 |
| 795.330 | Peak | 32.05 | 0.55 | 32.60 | 46.00 | -13.40 |

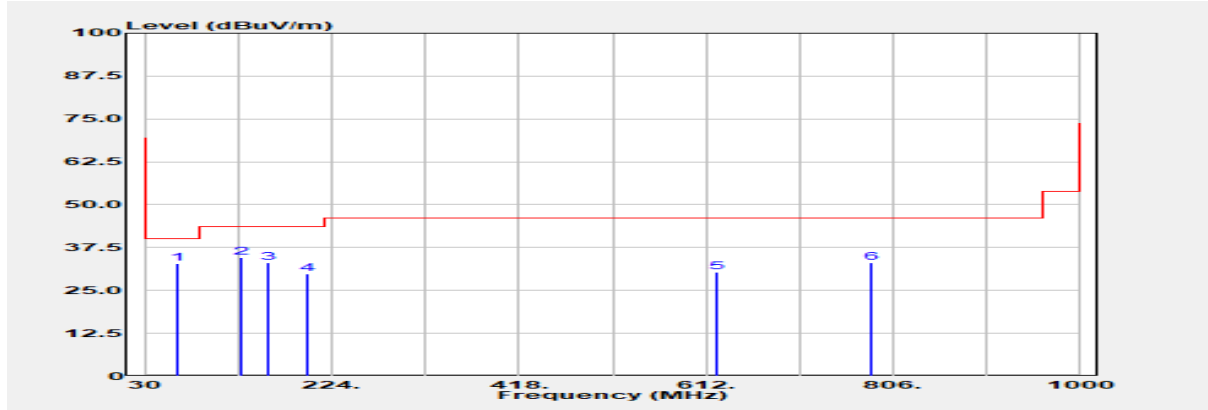
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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+BLE 1M
 Test Frequency :5220+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



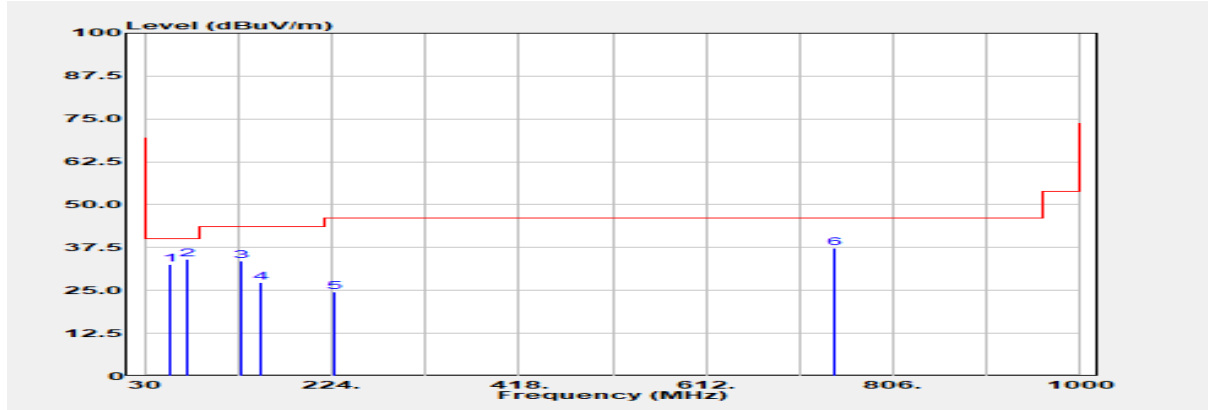
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dB μ V | Factor dB | Actual FS dB μ V/m | Limit @3m dB μ V/m | Margin dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 64.920 | Peak | 47.07 | -14.21 | 32.86 | 40.00 | -7.14 |
| 129.910 | Peak | 48.35 | -13.85 | 34.50 | 43.50 | -9.00 |
| 157.070 | Peak | 45.13 | -12.15 | 32.98 | 43.50 | -10.52 |
| 197.810 | Peak | 45.11 | -15.35 | 29.76 | 43.50 | -13.74 |
| 623.640 | Peak | 32.52 | -2.29 | 30.23 | 46.00 | -15.77 |
| 783.690 | Peak | 32.06 | 0.93 | 32.99 | 46.00 | -13.01 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11a+BLE 1M
 Test Frequency :5580+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Vertical
 Engineer :Andy Wang



| 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 |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 55.220 | Peak | 45.60 | -12.98 | 32.62 | 40.00 | -7.38 |
| 73.650 | Peak | 50.00 | -15.91 | 34.10 | 40.00 | -5.90 |
| 129.910 | Peak | 47.47 | -13.85 | 33.61 | 43.50 | -9.89 |
| 150.280 | Peak | 39.71 | -12.33 | 27.37 | 43.50 | -16.13 |
| 226.910 | Peak | 39.37 | -14.81 | 24.57 | 46.00 | -21.43 |
| 744.890 | Peak | 37.76 | -0.51 | 37.25 | 46.00 | -8.75 |

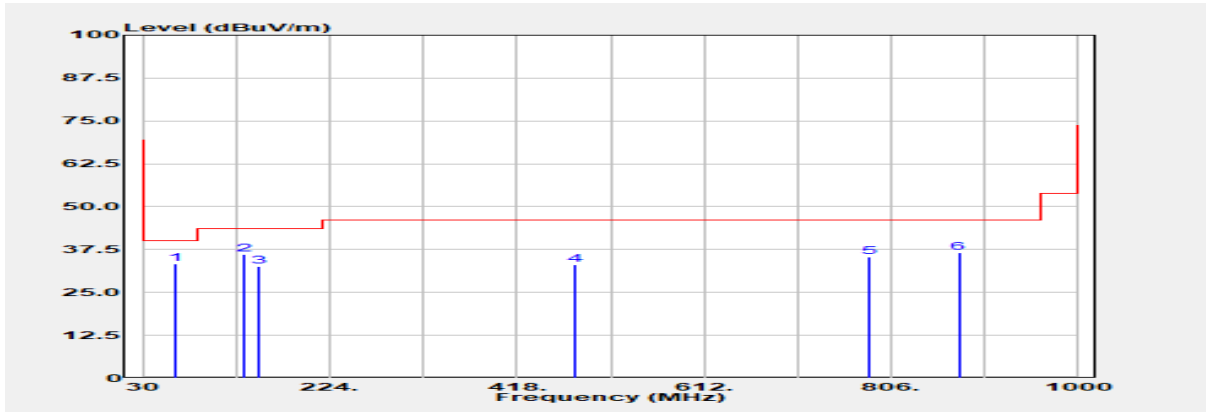
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Report Number :TERF2211002517E2
 Operation Mode :802.11a+BLE 1M
 Test Frequency :5580+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 64.920 | Peak | 47.61 | -14.21 | 33.39 | 40.00 | -6.61 |
| 134.760 | Peak | 49.38 | -13.32 | 36.06 | 43.50 | -7.44 |
| 151.250 | Peak | 44.83 | -12.30 | 32.53 | 43.50 | -10.97 |
| 478.140 | Peak | 39.31 | -6.23 | 33.08 | 46.00 | -12.92 |
| 783.690 | Peak | 34.47 | 0.93 | 35.40 | 46.00 | -10.60 |
| 875.840 | Peak | 34.22 | 2.25 | 36.47 | 46.00 | -9.53 |

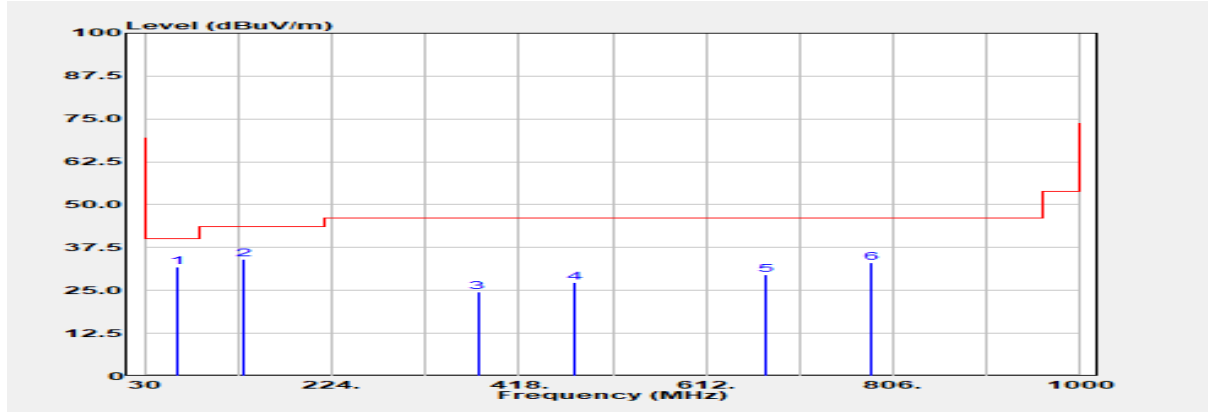
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Report Number :TERF2211002517E2
 Operation Mode :802.11b+Zigbee
 Test Frequency :2437+2405 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Vertical
 Engineer :Andy Wang



| 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 |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 63.950 | Peak | 45.82 | -13.96 | 31.85 | 40.00 | -8.15 |
| 131.850 | Peak | 47.70 | -13.68 | 34.02 | 43.50 | -9.48 |
| 375.320 | Peak | 33.60 | -9.03 | 24.56 | 46.00 | -21.44 |
| 475.230 | Peak | 33.74 | -6.47 | 27.27 | 46.00 | -18.73 |
| 675.050 | Peak | 31.12 | -1.56 | 29.56 | 46.00 | -16.44 |
| 783.690 | Peak | 32.05 | 0.93 | 32.98 | 46.00 | -13.02 |

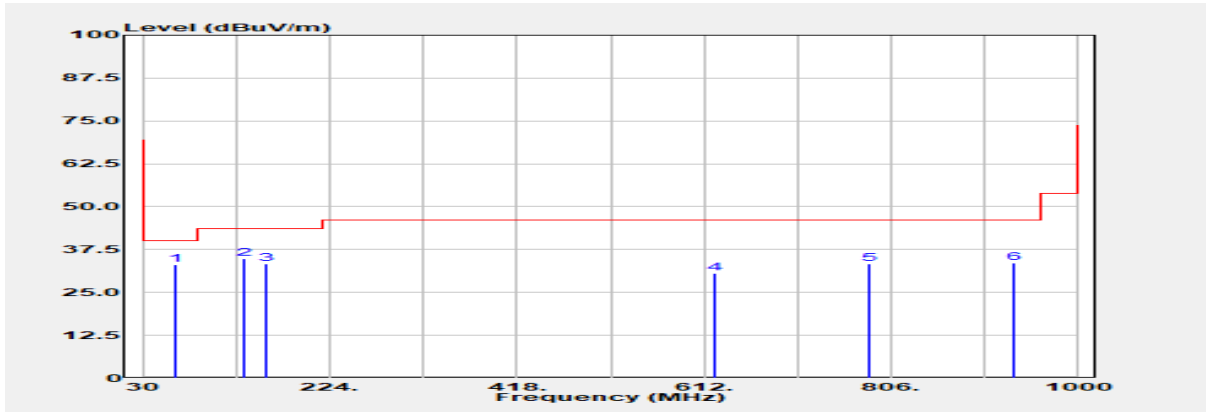
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Report Number :TERF2211002517E2
 Operation Mode :802.11b+Zigbee
 Test Frequency :2437+2405 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



| 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 |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 64.920 | Peak | 47.39 | -14.21 | 33.18 | 40.00 | -6.82 |
| 135.730 | Peak | 48.14 | -13.19 | 34.95 | 43.50 | -8.55 |
| 158.040 | Peak | 45.34 | -12.05 | 33.29 | 43.50 | -10.21 |
| 623.640 | Peak | 32.90 | -2.29 | 30.60 | 46.00 | -15.40 |
| 783.690 | Peak | 32.41 | 0.93 | 33.34 | 46.00 | -12.66 |
| 932.100 | Peak | 30.38 | 3.28 | 33.66 | 46.00 | -12.34 |

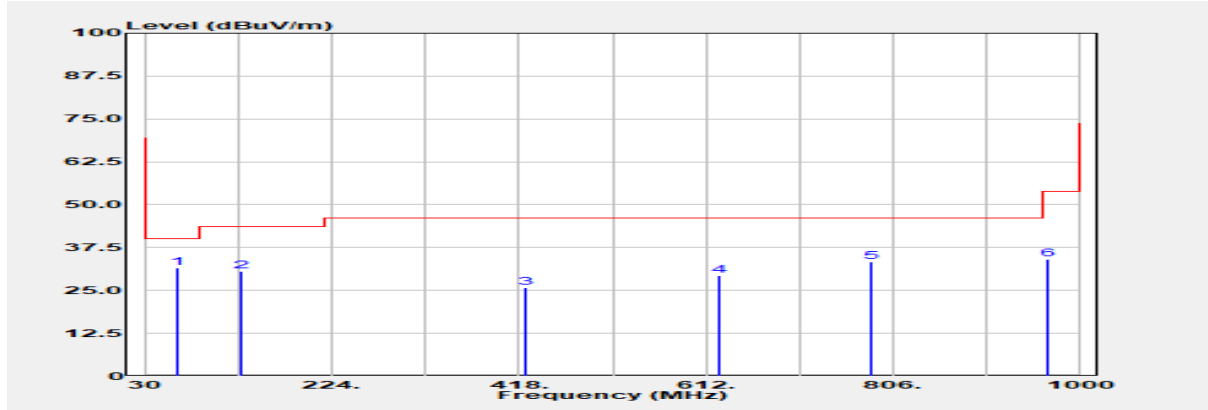
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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+Zigbee
 Test Frequency :2437+2405 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Vertical
 Engineer :Andy Wang



| 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 |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 64.920 | Peak | 45.86 | -14.21 | 31.65 | 40.00 | -8.35 |
| 129.910 | Peak | 44.42 | -13.85 | 30.57 | 43.50 | -12.93 |
| 424.790 | Peak | 33.20 | -7.50 | 25.71 | 46.00 | -20.29 |
| 626.550 | Peak | 31.29 | -1.86 | 29.43 | 46.00 | -16.57 |
| 783.690 | Peak | 32.30 | 0.93 | 33.23 | 46.00 | -12.77 |
| 966.050 | Peak | 30.31 | 3.84 | 34.15 | 54.00 | -19.85 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+Zigbee
 Test Frequency :2437+2405 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 64.920 | Peak | 47.41 | -14.21 | 33.20 | 40.00 | -6.80 |
| 128.940 | Peak | 49.56 | -13.96 | 35.60 | 43.50 | -7.90 |
| 157.070 | Peak | 45.12 | -12.15 | 32.97 | 43.50 | -10.53 |
| 375.320 | Peak | 34.41 | -9.03 | 25.38 | 46.00 | -20.62 |
| 623.640 | Peak | 33.05 | -2.29 | 30.75 | 46.00 | -15.25 |
| 783.690 | Peak | 32.68 | 0.93 | 33.61 | 46.00 | -12.39 |

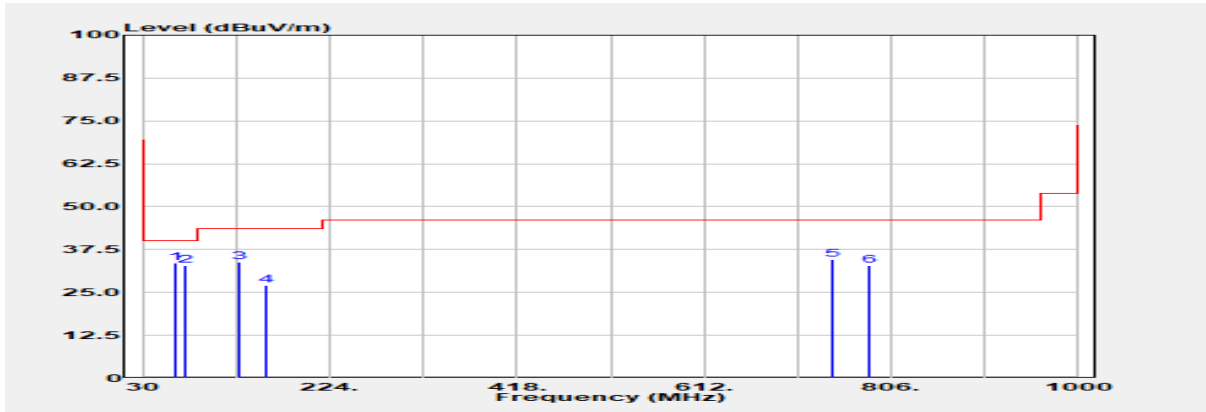
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Report Number :TERF2211002517E2
 Operation Mode :802.11a+Zigbee
 Test Frequency :5580+2405 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Vertical
 Engineer :Andy Wang



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 64.920 | Peak | 47.76 | -14.21 | 33.54 | 40.00 | -6.46 |
| 73.650 | Peak | 48.85 | -15.91 | 32.94 | 40.00 | -7.06 |
| 129.910 | Peak | 47.68 | -13.85 | 33.83 | 43.50 | -9.67 |
| 157.070 | Peak | 39.28 | -12.15 | 27.13 | 43.50 | -16.37 |
| 744.890 | Peak | 35.06 | -0.51 | 34.55 | 46.00 | -11.45 |
| 783.690 | Peak | 31.79 | 0.93 | 32.72 | 46.00 | -13.28 |

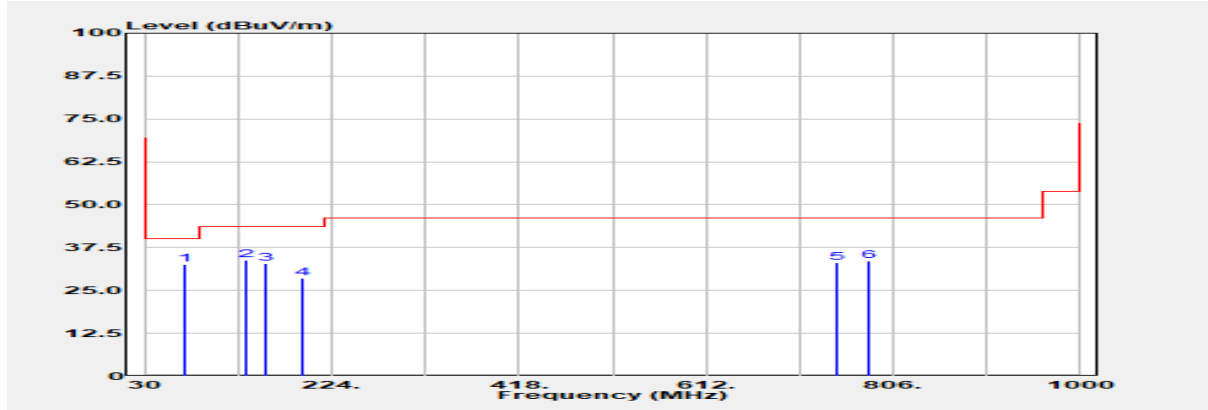
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Report Number :TERF2211002517E2
 Operation Mode :802.11a+Zigbee
 Test Frequency :5580+2405 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



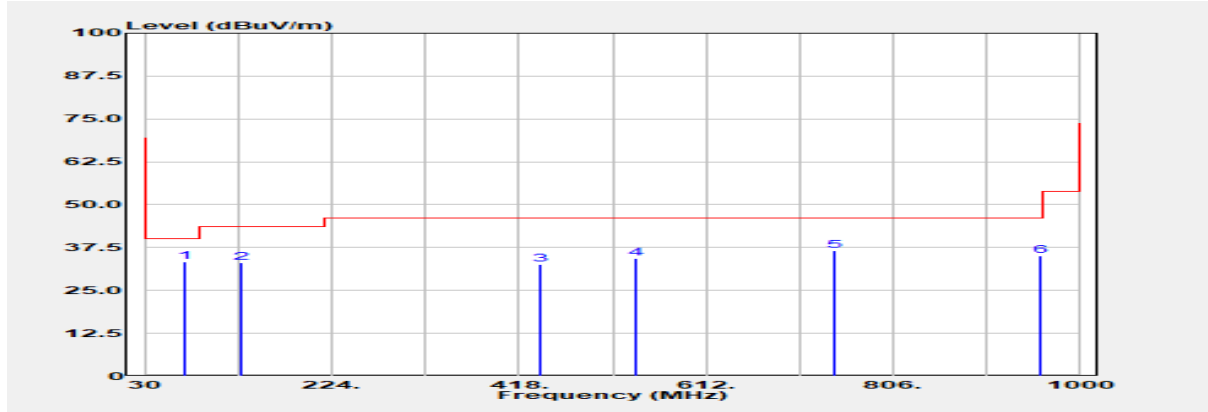
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dB μ V | Factor dB | Actual FS dB μ V/m | Limit @3m dB μ V/m | Margin dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 70.740 | Peak | 47.96 | -15.26 | 32.70 | 40.00 | -7.30 |
| 134.760 | Peak | 47.15 | -13.32 | 33.83 | 43.50 | -9.67 |
| 156.100 | Peak | 45.01 | -12.07 | 32.94 | 43.50 | -10.56 |
| 192.960 | Peak | 43.63 | -15.06 | 28.58 | 43.50 | -14.92 |
| 746.830 | Peak | 33.72 | -0.62 | 33.11 | 46.00 | -12.89 |
| 780.780 | Peak | 32.77 | 0.78 | 33.55 | 46.00 | -12.45 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11a+BLE 1M
 Test Frequency :5220+2405 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Vertical
 Engineer :Andy Wang



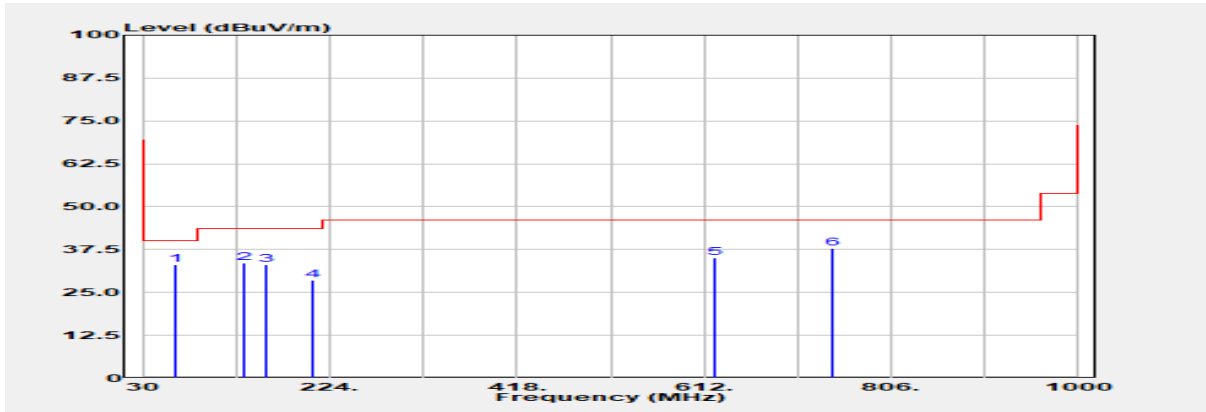
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dB μ V | Factor dB | Actual FS dB μ V/m | Limit @3m dB μ V/m | Margin dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 70.740 | Peak | 48.57 | -15.26 | 33.31 | 40.00 | -6.69 |
| 129.910 | Peak | 46.95 | -13.85 | 33.10 | 43.50 | -10.40 |
| 441.280 | Peak | 38.68 | -6.16 | 32.52 | 46.00 | -13.48 |
| 539.250 | Peak | 38.38 | -3.94 | 34.44 | 46.00 | -11.56 |
| 744.890 | Peak | 37.21 | -0.51 | 36.70 | 46.00 | -9.30 |
| 958.290 | Peak | 31.26 | 3.89 | 35.15 | 46.00 | -10.85 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11a+BLE 1M
 Test Frequency :5220+2405 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-13
 Temp./Humi. :22.1/72
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBUV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 64.920 | Peak | 47.29 | -14.21 | 33.08 | 40.00 | -6.92 |
| 134.760 | Peak | 47.02 | -13.32 | 33.70 | 43.50 | -9.80 |
| 157.070 | Peak | 45.28 | -12.15 | 33.13 | 43.50 | -10.37 |
| 207.510 | Peak | 44.31 | -15.68 | 28.63 | 43.50 | -14.87 |
| 623.640 | Peak | 37.34 | -2.29 | 35.05 | 46.00 | -10.95 |
| 745.860 | Peak | 38.33 | -0.56 | 37.77 | 46.00 | -8.23 |

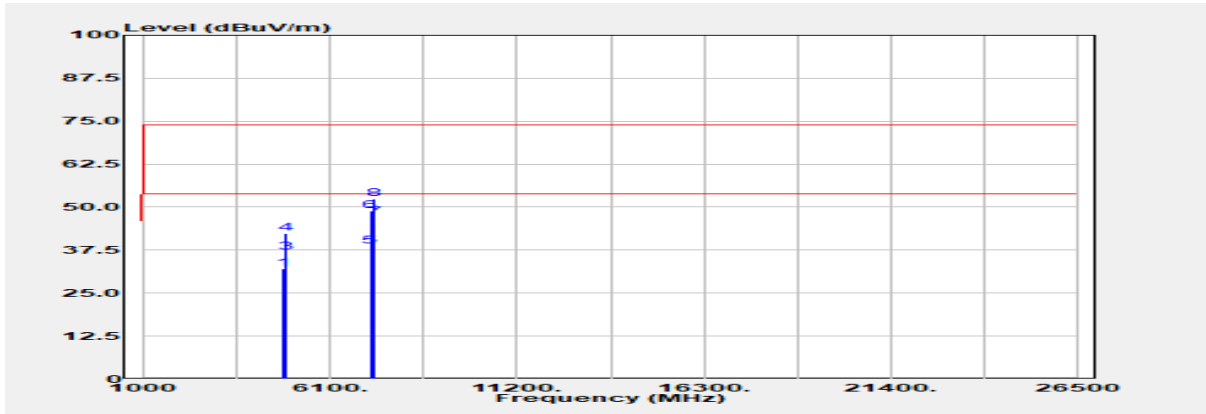
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Report Number :TERF2211002517E2
 Operation Mode :802.11b+BR
 Test Frequency :2437+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Vertical
 Engineer :Andy Wang



| 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 |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 4804.000 | Average | 19.80 | 12.35 | 32.15 | 54.00 | -21.85 |
| 4804.000 | Peak | -500.01 | 12.35 | -487.65 | 74.00 | -561.65 |
| 4874.000 | Average | 24.11 | 12.61 | 36.72 | 54.00 | -17.28 |
| 4874.000 | Peak | 29.71 | 12.61 | 42.31 | 74.00 | -31.69 |
| 7206.000 | Average | 18.84 | 19.76 | 38.59 | 54.00 | -15.41 |
| 7206.000 | Peak | 29.12 | 19.76 | 48.87 | 74.00 | -25.13 |
| 7311.000 | Average | 26.47 | 20.68 | 47.15 | 54.00 | -6.85 |
| 7311.000 | Peak | 31.82 | 20.68 | 52.50 | 74.00 | -21.50 |

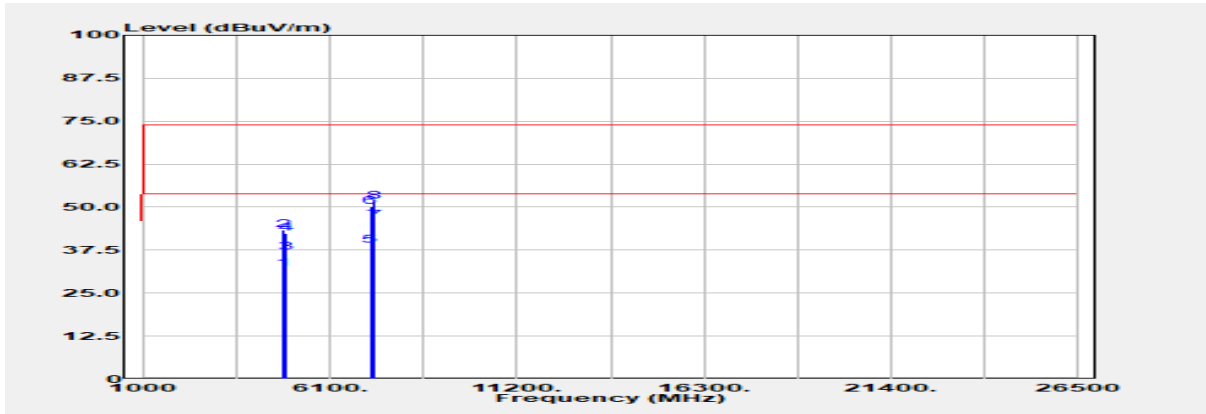
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Report Number :TERF2211002517E2
 Operation Mode :802.11b+BR
 Test Frequency :2437+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



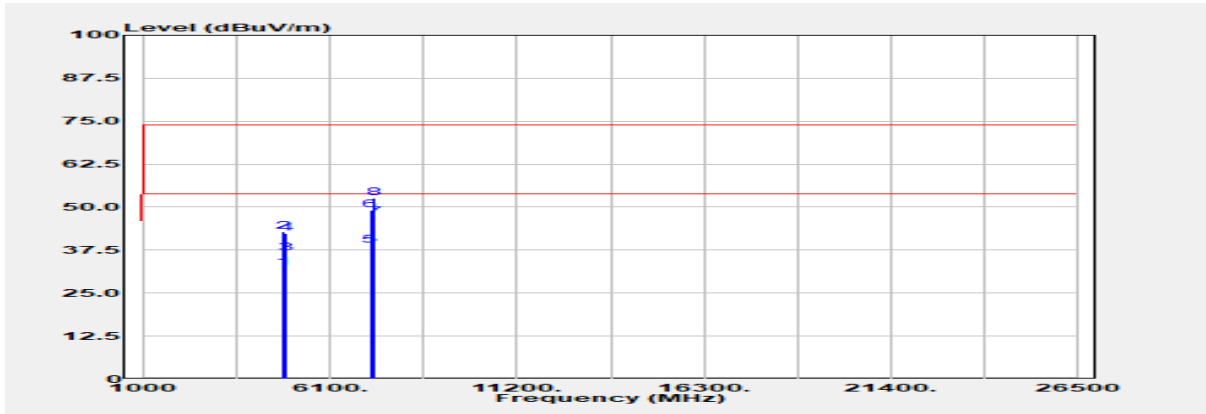
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4804.000 | Average | 19.85 | 12.35 | 32.20 | 54.00 | -21.80 |
| 4804.000 | Peak | 31.01 | 12.35 | 43.36 | 74.00 | -30.64 |
| 4874.000 | Average | 24.33 | 12.61 | 36.94 | 54.00 | -17.06 |
| 4874.000 | Peak | 29.66 | 12.61 | 42.27 | 74.00 | -31.73 |
| 7206.000 | Average | 19.07 | 19.76 | 38.82 | 54.00 | -15.18 |
| 7206.000 | Peak | 30.29 | 19.76 | 50.05 | 74.00 | -23.95 |
| 7311.000 | Average | 25.42 | 20.68 | 46.10 | 54.00 | -7.90 |
| 7311.000 | Peak | 30.89 | 20.68 | 51.57 | 74.00 | -22.43 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+BR
 Test Frequency :2437+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Vertical
 Engineer :Andy Wang



| 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 |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 4804.000 | Average | 20.05 | 12.35 | 32.41 | 54.00 | -21.59 |
| 4804.000 | Peak | 30.48 | 12.35 | 42.83 | 74.00 | -31.17 |
| 4874.000 | Average | 23.97 | 12.61 | 36.58 | 54.00 | -17.42 |
| 4874.000 | Peak | 29.72 | 12.61 | 42.32 | 74.00 | -31.68 |
| 7206.000 | Average | 19.01 | 19.76 | 38.76 | 54.00 | -15.24 |
| 7206.000 | Peak | 29.39 | 19.76 | 49.15 | 74.00 | -24.85 |
| 7311.000 | Average | 26.49 | 20.68 | 47.17 | 54.00 | -6.83 |
| 7311.000 | Peak | 31.94 | 20.68 | 52.62 | 74.00 | -21.38 |

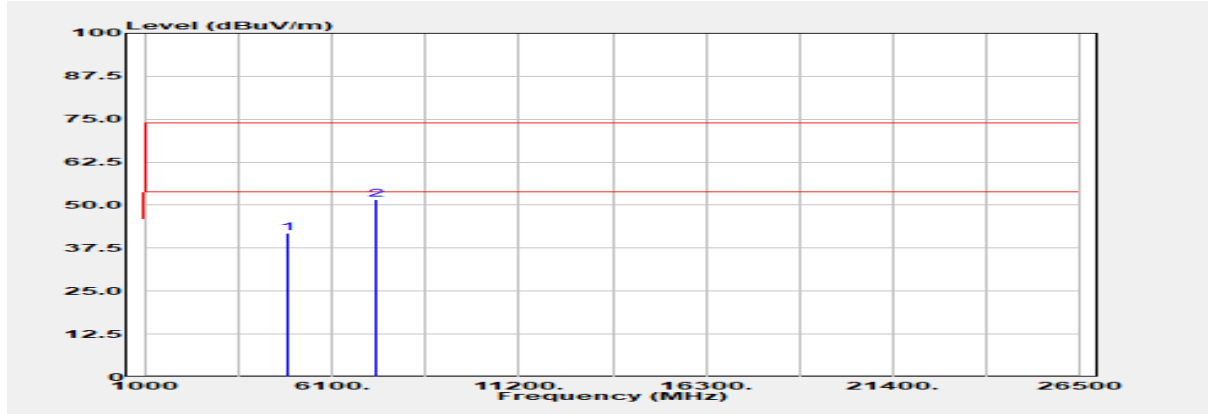
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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+BR
 Test Frequency :2437+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



| 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 |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 4874.000 | Peak | 29.29 | 12.61 | 41.89 | 74.00 | -32.11 |
| 7311.000 | Peak | 30.86 | 20.68 | 51.54 | 74.00 | -22.46 |

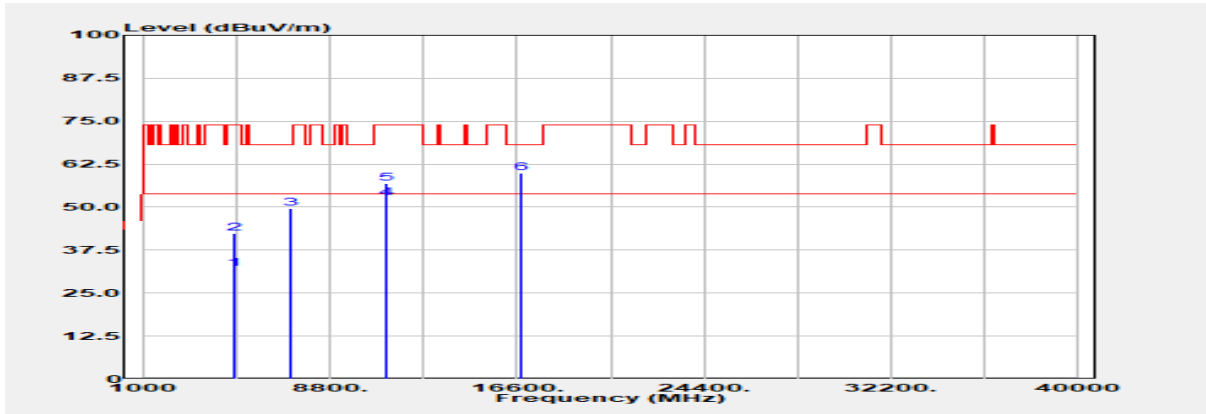
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Report Number :TERF2211002517E2
 Operation Mode :802.11a+BR
 Test Frequency :5580+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Vertical
 Engineer :Andy Wang



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4804.000 | Average | 19.82 | 12.35 | 32.17 | 54.00 | -21.83 |
| 4804.000 | Peak | 30.01 | 12.35 | 42.36 | 74.00 | -31.64 |
| 7206.000 | Peak | 29.76 | 19.76 | 49.52 | 68.20 | -18.68 |
| 11160.000 | Average | 25.07 | 27.54 | 52.61 | 54.00 | -1.39 |
| 11160.000 | Peak | 29.34 | 27.54 | 56.88 | 74.00 | -17.12 |
| 16740.000 | Peak | 27.74 | 32.08 | 59.83 | 68.20 | -8.37 |

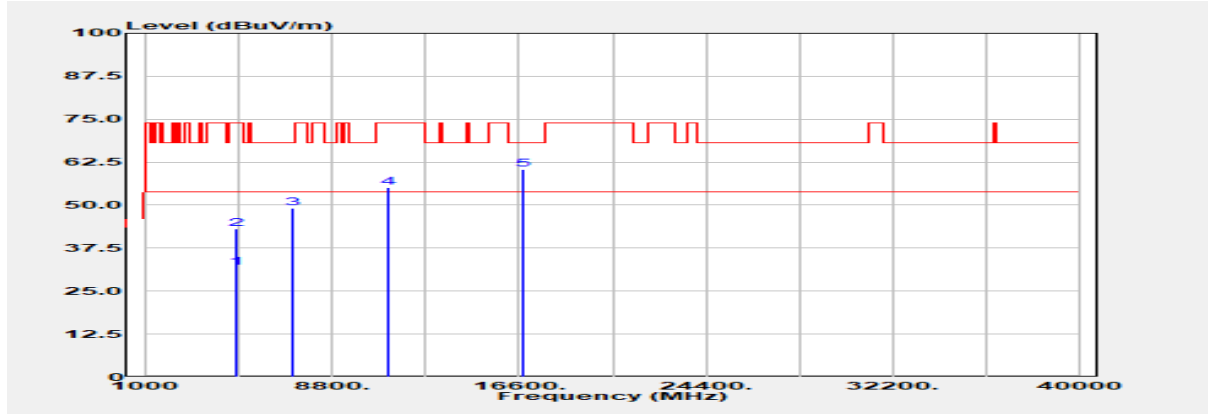
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Report Number :TERF2211002517E2
 Operation Mode :802.11a+BR
 Test Frequency :5580+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



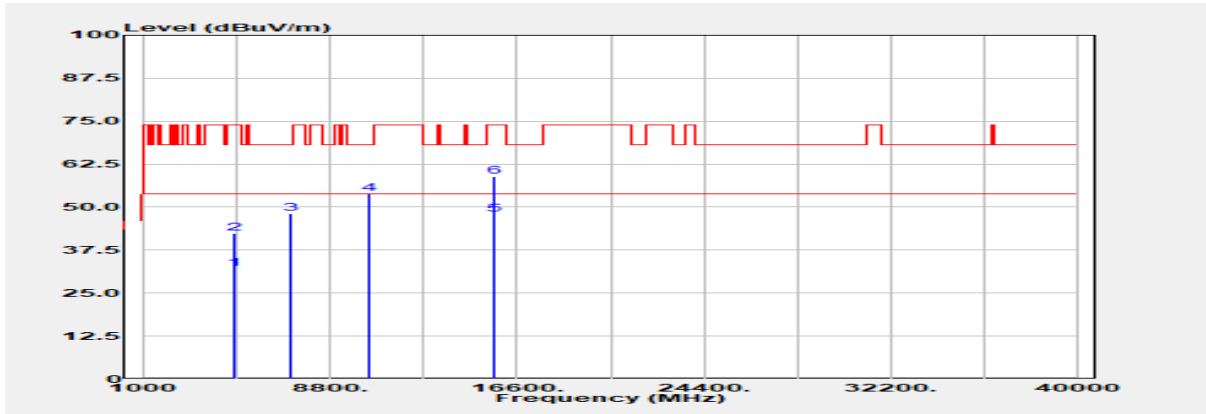
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dB μ V | Factor dB | Actual FS dB μ V/m | Limit @3m dB μ V/m | Margin dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 4804.000 | Average | 19.60 | 12.35 | 31.95 | 54.00 | -22.05 |
| 4804.000 | Peak | 30.67 | 12.35 | 43.02 | 74.00 | -30.98 |
| 7206.000 | Peak | 29.37 | 19.76 | 49.12 | 68.20 | -19.08 |
| 11160.000 | Peak | 27.49 | 27.54 | 55.03 | 74.00 | -18.97 |
| 16740.000 | Peak | 28.38 | 32.08 | 60.46 | 68.20 | -7.74 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+BR
 Test Frequency :5220+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Vertical
 Engineer :Andy Wang



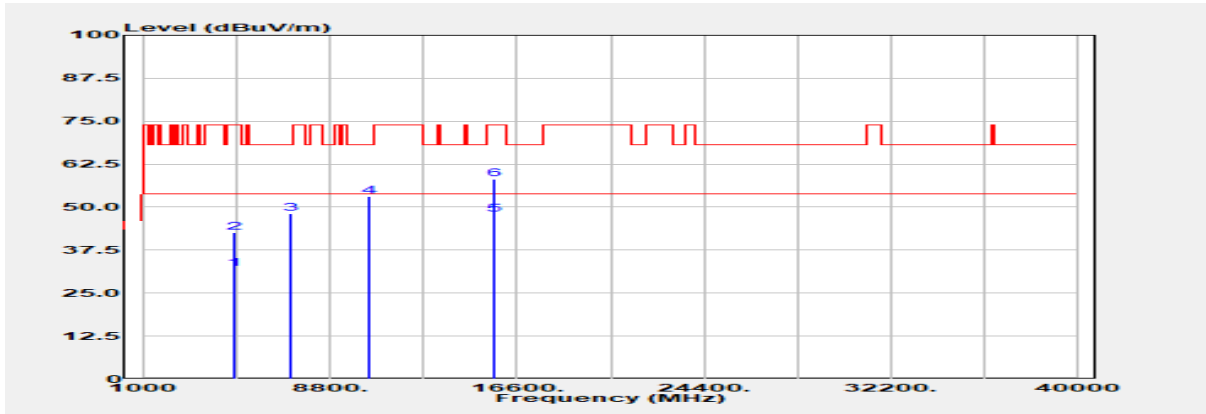
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4804.000 | Average | 19.63 | 12.35 | 31.98 | 54.00 | -22.02 |
| 4804.000 | Peak | 30.10 | 12.35 | 42.45 | 74.00 | -31.55 |
| 7206.000 | Peak | 28.40 | 19.76 | 48.16 | 68.20 | -20.04 |
| 10440.000 | Peak | 27.50 | 26.27 | 53.76 | 68.20 | -14.44 |
| 15660.000 | Average | 18.28 | 29.57 | 47.85 | 54.00 | -6.15 |
| 15660.000 | Peak | 29.33 | 29.57 | 58.89 | 74.00 | -15.11 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+BR
 Test Frequency :5220+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



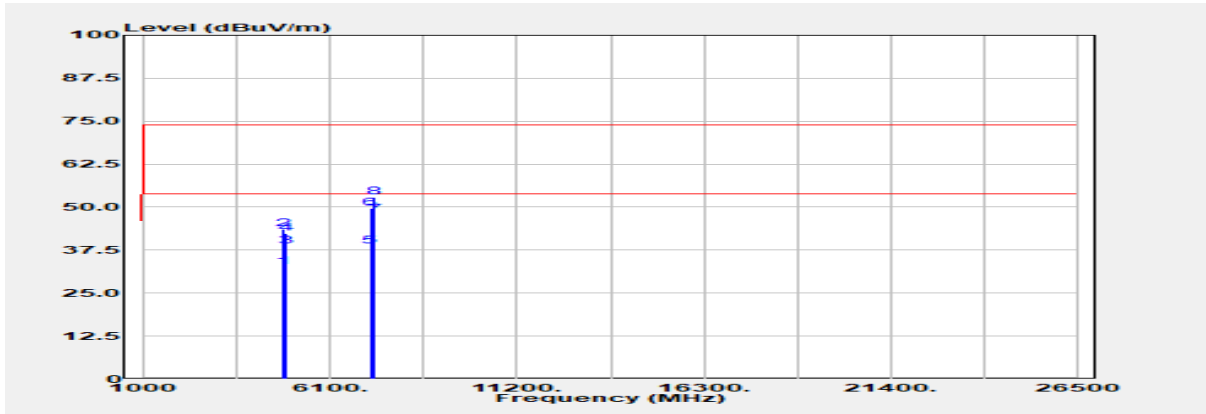
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4804.000 | Average | 19.67 | 12.35 | 32.03 | 54.00 | -21.97 |
| 4804.000 | Peak | 30.17 | 12.35 | 42.52 | 74.00 | -31.48 |
| 7206.000 | Peak | 28.33 | 19.76 | 48.08 | 68.20 | -20.12 |
| 10440.000 | Peak | 26.75 | 26.27 | 53.01 | 68.20 | -15.19 |
| 15660.000 | Average | 18.28 | 29.57 | 47.84 | 54.00 | -6.16 |
| 15660.000 | Peak | 28.67 | 29.57 | 58.24 | 74.00 | -15.76 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11b+BLE 1M
 Test Frequency :2437+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Vertical
 Engineer :Andy Wang



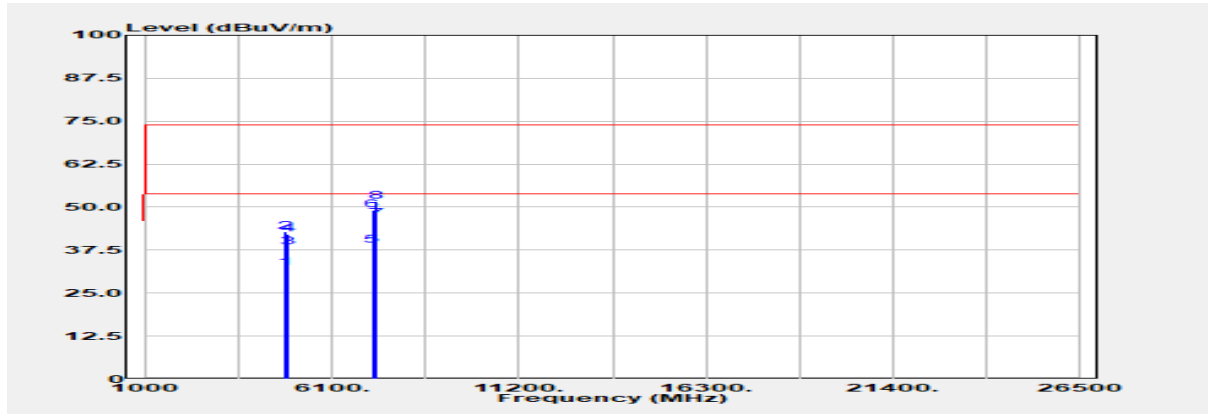
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dB μ V | Factor dB | Actual FS dB μ V/m | Limit @3m dB μ V/m | Margin dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 4804.000 | Average | 20.12 | 12.35 | 32.47 | 54.00 | -21.53 |
| 4804.000 | Peak | 31.23 | 12.35 | 43.58 | 74.00 | -30.42 |
| 4874.000 | Average | 25.91 | 12.61 | 38.52 | 54.00 | -15.48 |
| 4874.000 | Peak | 29.69 | 12.61 | 42.30 | 74.00 | -31.70 |
| 7206.000 | Average | 18.88 | 19.76 | 38.64 | 54.00 | -15.36 |
| 7206.000 | Peak | 29.79 | 19.76 | 49.54 | 74.00 | -24.46 |
| 7311.000 | Average | 27.08 | 20.68 | 47.76 | 54.00 | -6.24 |
| 7311.000 | Peak | 32.25 | 20.68 | 52.94 | 74.00 | -21.06 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11b+BLE 1M
 Test Frequency :2437+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4804.000 | Average | 19.91 | 12.35 | 32.26 | 54.00 | -21.74 |
| 4804.000 | Peak | 30.46 | 12.35 | 42.81 | 74.00 | -31.19 |
| 4874.000 | Average | 25.72 | 12.61 | 38.33 | 54.00 | -15.67 |
| 4874.000 | Peak | 29.42 | 12.61 | 42.03 | 74.00 | -31.97 |
| 7206.000 | Average | 19.00 | 19.76 | 38.76 | 54.00 | -15.24 |
| 7206.000 | Peak | 29.41 | 19.76 | 49.16 | 74.00 | -24.84 |
| 7311.000 | Average | 25.84 | 20.68 | 46.52 | 54.00 | -7.48 |
| 7311.000 | Peak | 31.04 | 20.68 | 51.72 | 74.00 | -22.28 |

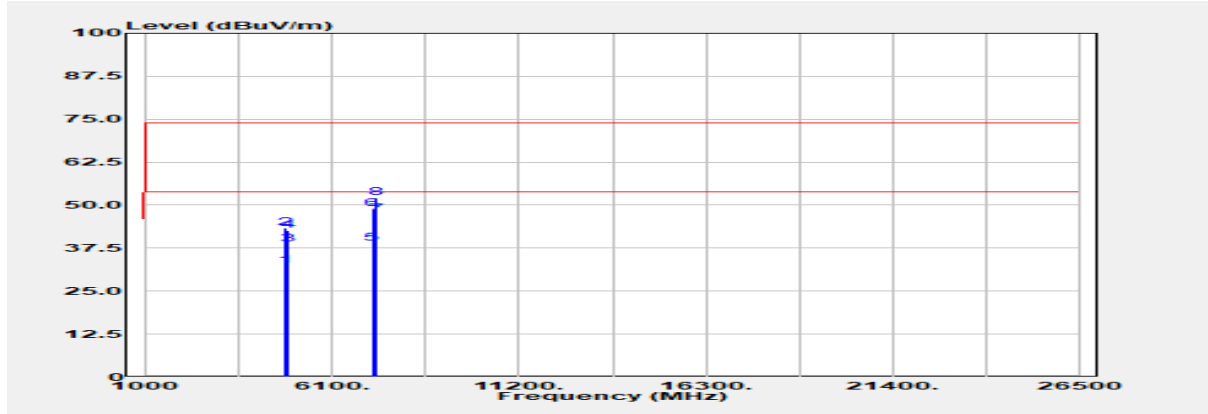
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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+BLE 1M
 Test Frequency :2437+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Vertical
 Engineer :Andy Wang



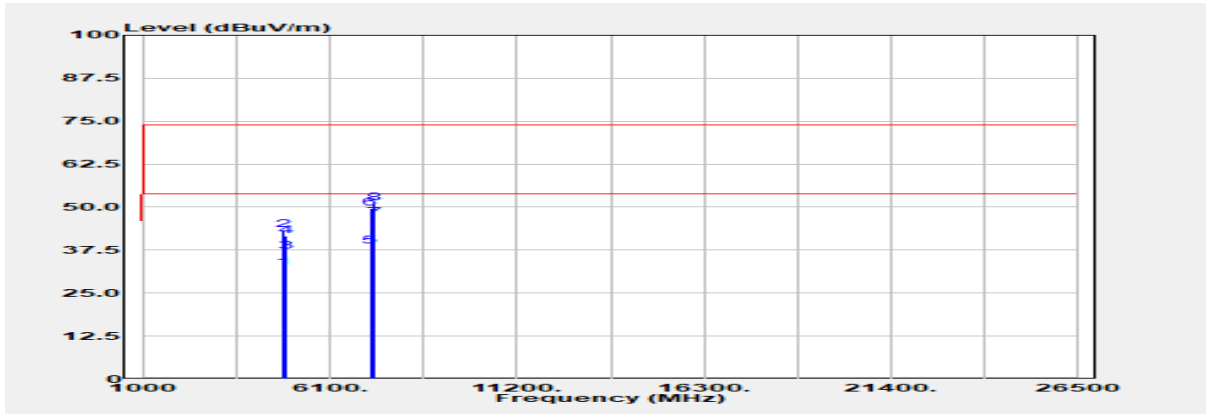
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4804.000 | Average | 20.09 | 12.35 | 32.45 | 54.00 | -21.55 |
| 4804.000 | Peak | 30.99 | 12.35 | 43.34 | 74.00 | -30.66 |
| 4874.000 | Average | 25.87 | 12.61 | 38.48 | 54.00 | -15.52 |
| 4874.000 | Peak | 30.08 | 12.61 | 42.69 | 74.00 | -31.31 |
| 7206.000 | Average | 19.00 | 19.76 | 38.75 | 54.00 | -15.25 |
| 7206.000 | Peak | 29.14 | 19.76 | 48.90 | 74.00 | -25.10 |
| 7311.000 | Average | 26.73 | 20.68 | 47.41 | 54.00 | -6.59 |
| 7311.000 | Peak | 31.34 | 20.68 | 52.02 | 74.00 | -21.98 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+BLE 1M
 Test Frequency :2437+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



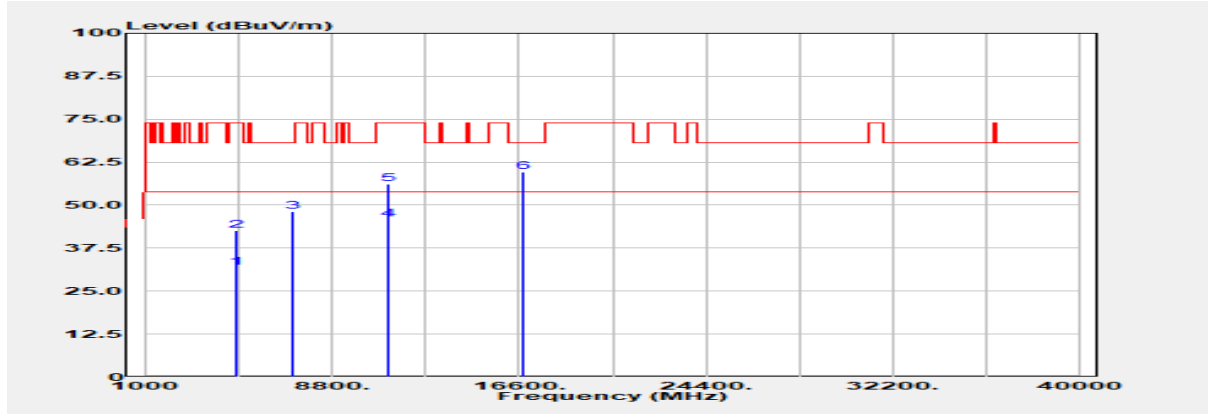
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4804.000 | Average | 19.96 | 12.35 | 32.31 | 54.00 | -21.69 |
| 4804.000 | Peak | 30.94 | 12.35 | 43.30 | 74.00 | -30.70 |
| 4874.000 | Average | 24.58 | 12.61 | 37.19 | 54.00 | -16.81 |
| 4874.000 | Peak | 28.99 | 12.61 | 41.60 | 74.00 | -32.40 |
| 7206.000 | Average | 18.87 | 19.76 | 38.63 | 54.00 | -15.37 |
| 7206.000 | Peak | 29.87 | 19.76 | 49.63 | 74.00 | -24.37 |
| 7311.000 | Average | 26.11 | 20.68 | 46.79 | 54.00 | -7.21 |
| 7311.000 | Peak | 30.49 | 20.68 | 51.17 | 74.00 | -22.83 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11a+BLE 1M
 Test Frequency :5580+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Vertical
 Engineer :Andy Wang



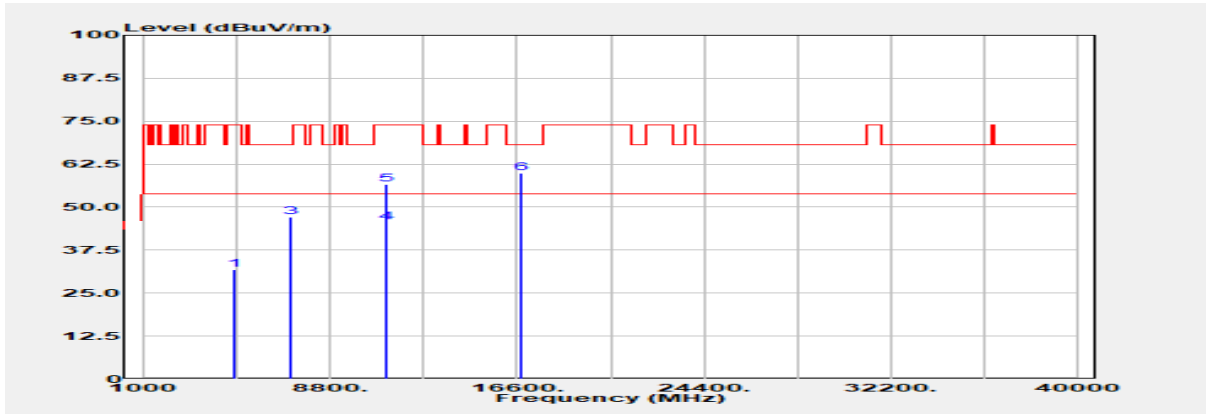
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4804.000 | Average | 19.57 | 12.35 | 31.92 | 54.00 | -22.08 |
| 4804.000 | Peak | 30.27 | 12.35 | 42.62 | 74.00 | -31.38 |
| 7206.000 | Peak | 28.36 | 19.76 | 48.12 | 68.20 | -20.08 |
| 11160.000 | Average | 18.20 | 27.54 | 45.75 | 54.00 | -8.25 |
| 11160.000 | Peak | 28.65 | 27.54 | 56.19 | 74.00 | -17.81 |
| 16740.000 | Peak | 27.48 | 32.08 | 59.57 | 68.20 | -8.63 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11a+BLE 1M
 Test Frequency :5580+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4804.000 | Average | 19.57 | 12.35 | 31.92 | 54.00 | -22.08 |
| 4804.000 | Peak | -500.01 | 12.35 | -487.65 | 74.00 | -561.65 |
| 7206.000 | Peak | 27.33 | 19.76 | 47.09 | 68.20 | -21.11 |
| 11160.000 | Average | 18.11 | 27.54 | 45.65 | 54.00 | -8.35 |
| 11160.000 | Peak | 29.17 | 27.54 | 56.72 | 74.00 | -17.28 |
| 16740.000 | Peak | 27.86 | 32.08 | 59.95 | 68.20 | -8.25 |

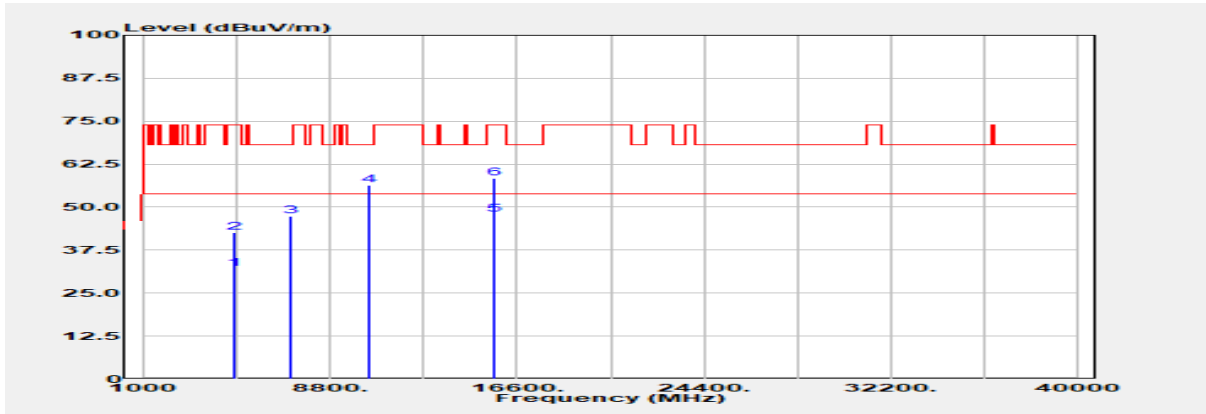
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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+BLE 1M
 Test Frequency :5220+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Vertical
 Engineer :Andy Wang



| 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 |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 4804.000 | Average | 19.76 | 12.35 | 32.11 | 54.00 | -21.89 |
| 4804.000 | Peak | 30.25 | 12.35 | 42.60 | 74.00 | -31.40 |
| 7206.000 | Peak | 27.68 | 19.76 | 47.44 | 68.20 | -20.76 |
| 10440.000 | Peak | 30.08 | 26.27 | 56.35 | 68.20 | -11.85 |
| 15660.000 | Average | 18.34 | 29.57 | 47.90 | 54.00 | -6.10 |
| 15660.000 | Peak | 28.84 | 29.57 | 58.41 | 74.00 | -15.59 |

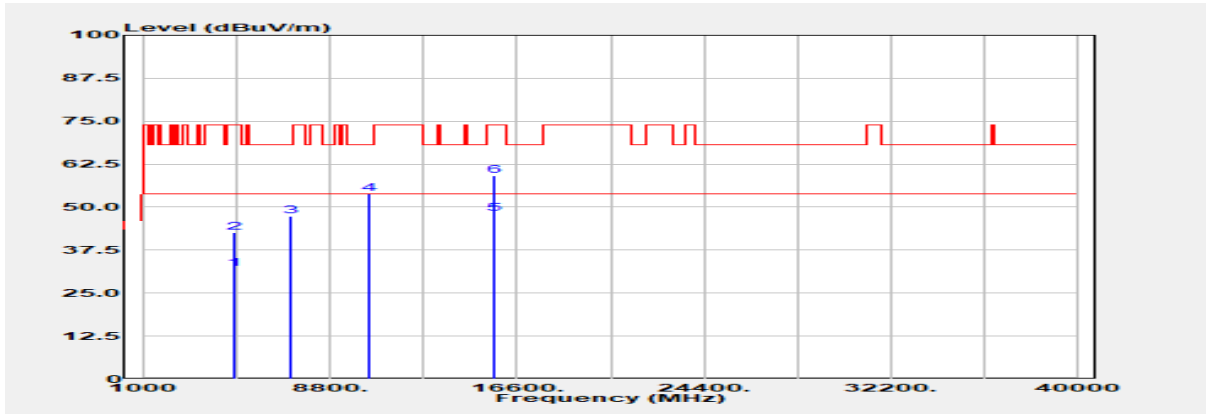
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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+BLE 1M
 Test Frequency :5220+2402 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



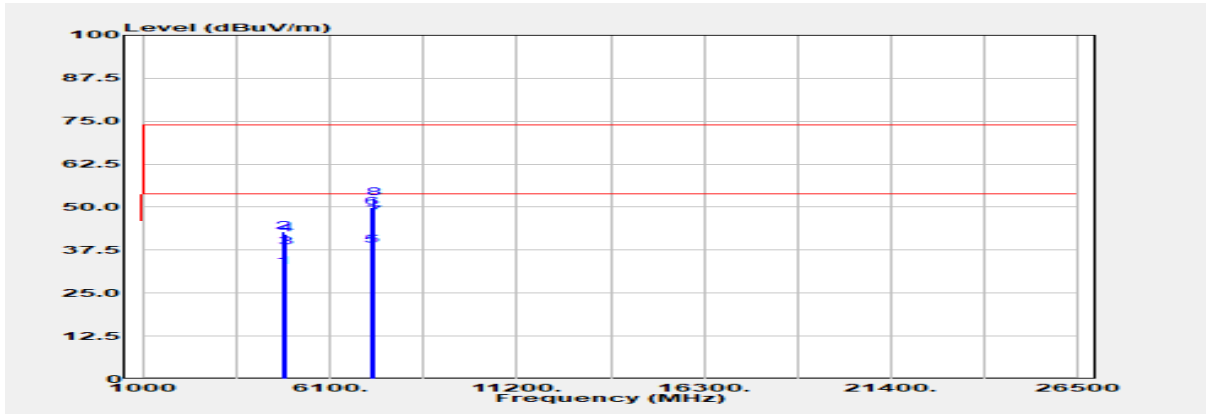
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dB μ V | Factor dB | Actual FS dB μ V/m | Limit @3m dB μ V/m | Margin dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 4804.000 | Average | 19.62 | 12.35 | 31.97 | 54.00 | -22.03 |
| 4804.000 | Peak | 30.32 | 12.35 | 42.68 | 74.00 | -31.32 |
| 7206.000 | Peak | 27.54 | 19.76 | 47.30 | 68.20 | -20.90 |
| 10440.000 | Peak | 27.67 | 26.27 | 53.94 | 68.20 | -14.26 |
| 15660.000 | Average | 18.48 | 29.57 | 48.05 | 54.00 | -5.95 |
| 15660.000 | Peak | 29.49 | 29.57 | 59.05 | 74.00 | -14.95 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11b+Zigbee
 Test Frequency :2437+2405 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Vertical
 Engineer :Andy Wang



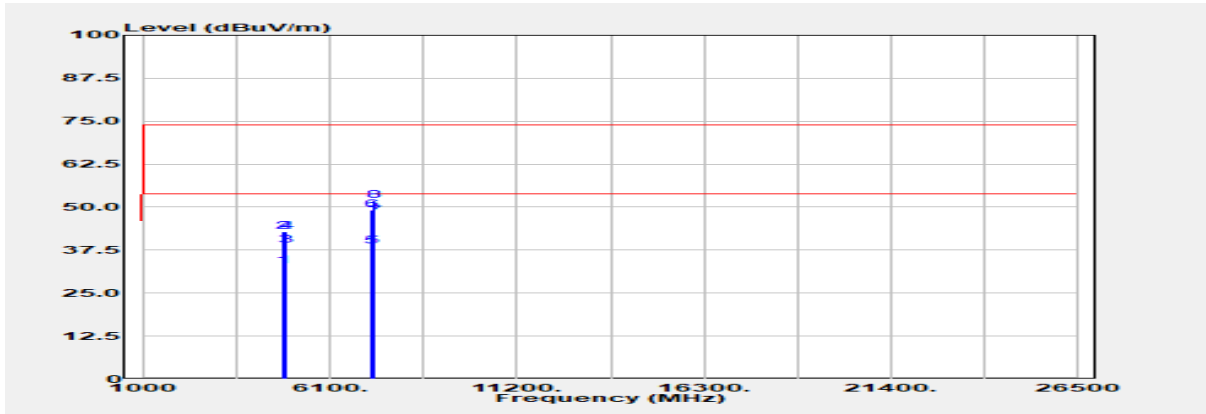
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4810.000 | Average | 20.15 | 12.41 | 32.56 | 54.00 | -21.44 |
| 4810.000 | Peak | 30.34 | 12.41 | 42.75 | 74.00 | -31.25 |
| 4874.000 | Average | 25.62 | 12.61 | 38.23 | 54.00 | -15.77 |
| 4874.000 | Peak | 29.60 | 12.61 | 42.21 | 74.00 | -31.79 |
| 7215.000 | Average | 18.97 | 19.86 | 38.82 | 54.00 | -15.18 |
| 7215.000 | Peak | 29.93 | 19.86 | 49.79 | 74.00 | -24.21 |
| 7311.000 | Average | 26.71 | 20.68 | 47.39 | 54.00 | -6.61 |
| 7311.000 | Peak | 32.00 | 20.68 | 52.68 | 74.00 | -21.32 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11b+Zigbee
 Test Frequency :2437+2405 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



| 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 |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 4810.000 | Average | 20.40 | 12.41 | 32.81 | 54.00 | -21.19 |
| 4810.000 | Peak | 30.40 | 12.41 | 42.81 | 74.00 | -31.19 |
| 4874.000 | Average | 26.24 | 12.61 | 38.85 | 54.00 | -15.15 |
| 4874.000 | Peak | 30.33 | 12.61 | 42.94 | 74.00 | -31.06 |
| 7215.000 | Average | 18.83 | 19.86 | 38.68 | 54.00 | -15.32 |
| 7215.000 | Peak | 29.16 | 19.86 | 49.01 | 74.00 | -24.99 |
| 7311.000 | Average | 26.73 | 20.68 | 47.41 | 54.00 | -6.59 |
| 7311.000 | Peak | 31.20 | 20.68 | 51.88 | 74.00 | -22.12 |

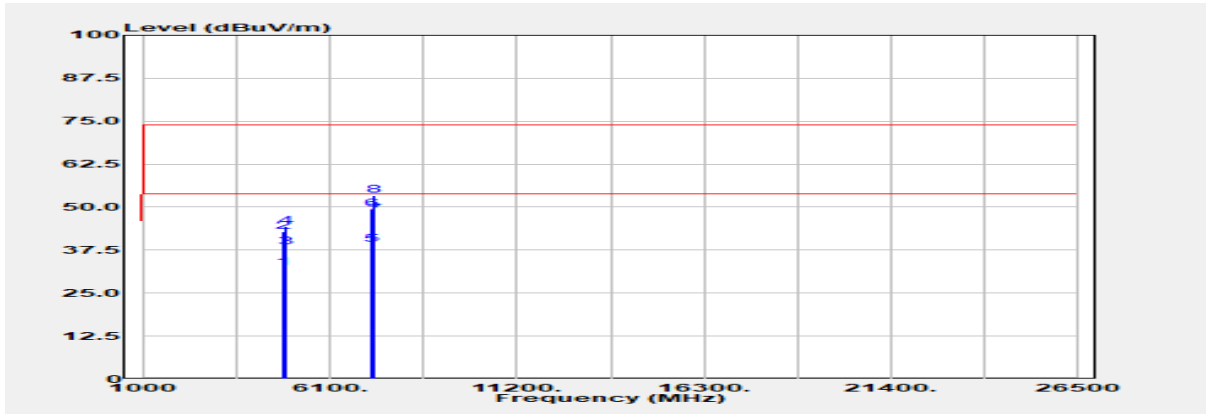
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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+Zigbee
 Test Frequency :2437+2405 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Vertical
 Engineer :Andy Wang



| 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 |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 4810.000 | Average | 19.81 | 12.41 | 32.22 | 54.00 | -21.78 |
| 4810.000 | Peak | 30.43 | 12.41 | 42.84 | 74.00 | -31.16 |
| 4874.000 | Average | 25.64 | 12.61 | 38.25 | 54.00 | -15.75 |
| 4874.000 | Peak | 31.68 | 12.61 | 44.29 | 74.00 | -29.71 |
| 7215.000 | Average | 19.13 | 19.86 | 38.99 | 54.00 | -15.01 |
| 7215.000 | Peak | 29.52 | 19.86 | 49.38 | 74.00 | -24.62 |
| 7311.000 | Average | 27.12 | 20.68 | 47.80 | 54.00 | -6.20 |
| 7311.000 | Peak | 32.62 | 20.68 | 53.31 | 74.00 | -20.69 |

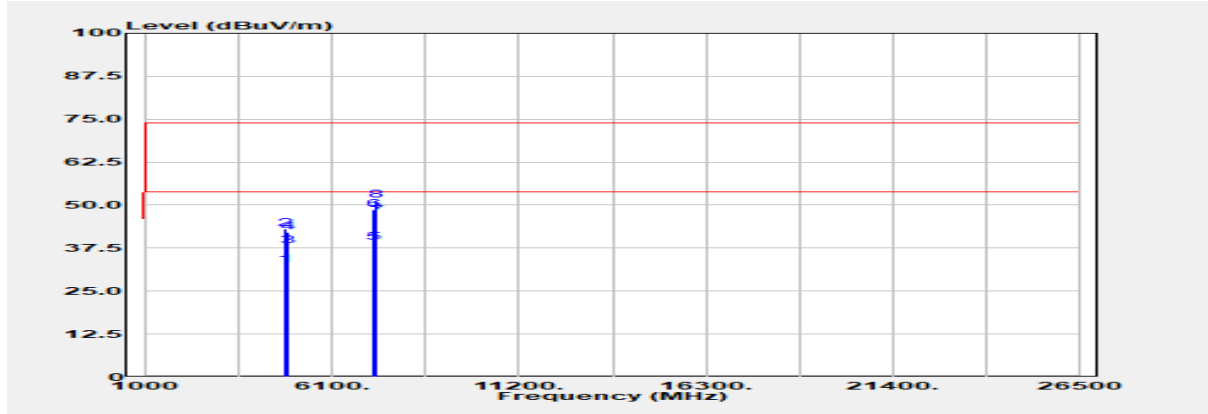
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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+Zigbee
 Test Frequency :2437+2405 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



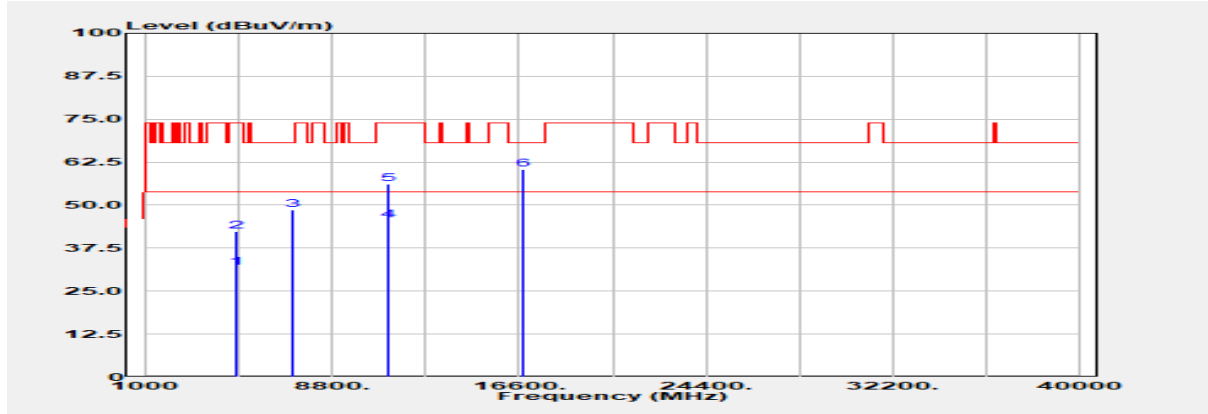
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dB μ V | Factor dB | Actual FS dB μ V/m | Limit @3m dB μ V/m | Margin dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 4810.000 | Average | 20.05 | 12.41 | 32.46 | 54.00 | -21.54 |
| 4810.000 | Peak | 30.70 | 12.41 | 43.12 | 74.00 | -30.88 |
| 4874.000 | Average | 25.48 | 12.61 | 38.09 | 54.00 | -15.91 |
| 4874.000 | Peak | 29.45 | 12.61 | 42.06 | 74.00 | -31.94 |
| 7215.000 | Average | 19.17 | 19.86 | 39.03 | 54.00 | -14.97 |
| 7215.000 | Peak | 28.84 | 19.86 | 48.69 | 74.00 | -25.31 |
| 7311.000 | Average | 26.17 | 20.68 | 46.85 | 54.00 | -7.15 |
| 7311.000 | Peak | 30.67 | 20.68 | 51.36 | 74.00 | -22.64 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11a+Zigbee
 Test Frequency :5580+2405 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Vertical
 Engineer :Andy Wang



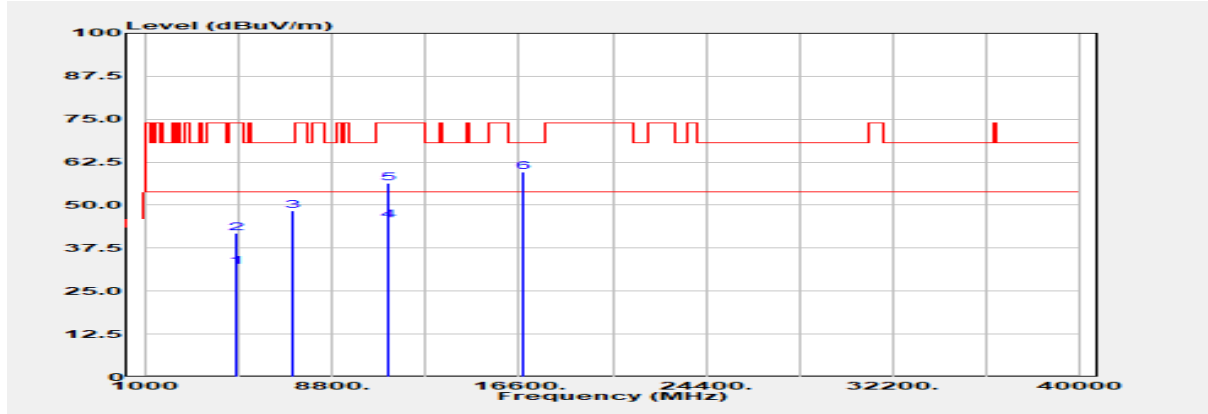
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4810.000 | Average | 19.51 | 12.41 | 31.92 | 54.00 | -22.08 |
| 4810.000 | Peak | 29.83 | 12.41 | 42.24 | 74.00 | -31.76 |
| 7215.000 | Peak | 28.69 | 19.86 | 48.54 | 68.20 | -19.66 |
| 11160.000 | Average | 18.11 | 27.54 | 45.65 | 54.00 | -8.35 |
| 11160.000 | Peak | 28.70 | 27.54 | 56.24 | 74.00 | -17.76 |
| 16740.000 | Peak | 28.21 | 32.08 | 60.30 | 68.20 | -7.90 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11a+Zigbee
 Test Frequency :5580+2405 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



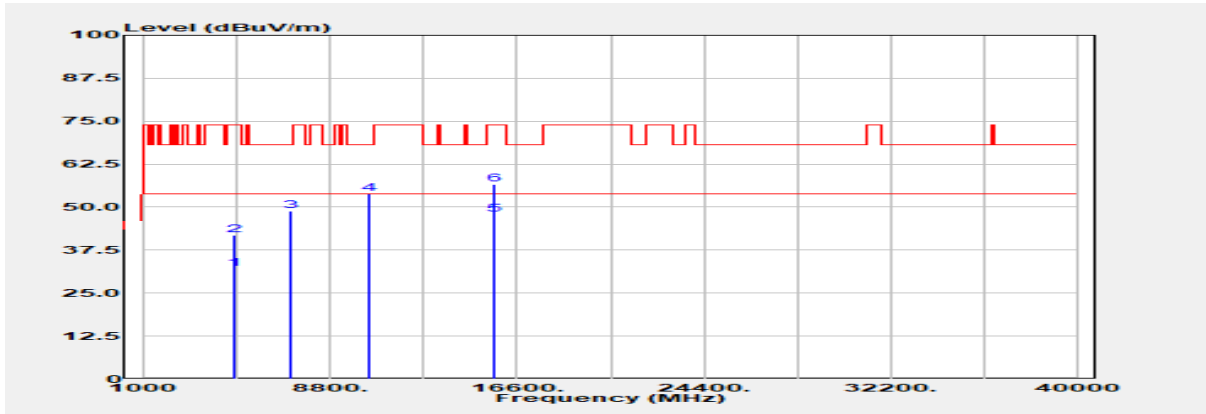
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dB μ V | Factor dB | Actual FS dB μ V/m | Limit @3m dB μ V/m | Margin dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 4810.000 | Average | 19.57 | 12.41 | 31.98 | 54.00 | -22.02 |
| 4810.000 | Peak | 29.44 | 12.41 | 41.85 | 74.00 | -32.15 |
| 7215.000 | Peak | 28.51 | 19.86 | 48.37 | 68.20 | -19.83 |
| 11160.000 | Average | 18.18 | 27.54 | 45.72 | 54.00 | -8.28 |
| 11160.000 | Peak | 28.84 | 27.54 | 56.38 | 74.00 | -17.62 |
| 16740.000 | Peak | 27.56 | 32.08 | 59.65 | 68.20 | -8.55 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+Zigbee
 Test Frequency :5220+2405 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Vertical
 Engineer :Andy Wang



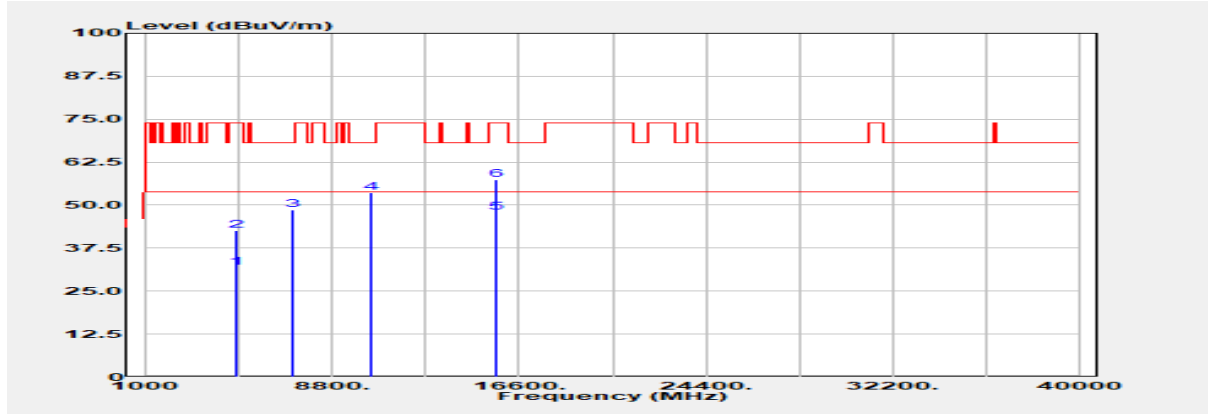
| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dB μ V | Factor dB | Actual FS dB μ V/m | Limit @3m dB μ V/m | Margin dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 4810.000 | Average | 19.62 | 12.41 | 32.03 | 54.00 | -21.97 |
| 4810.000 | Peak | 29.41 | 12.41 | 41.82 | 74.00 | -32.18 |
| 7215.000 | Peak | 28.98 | 19.86 | 48.84 | 68.20 | -19.36 |
| 10440.000 | Peak | 27.54 | 26.27 | 53.81 | 68.20 | -14.39 |
| 15660.000 | Average | 18.32 | 29.57 | 47.89 | 54.00 | -6.11 |
| 15660.000 | Peak | 27.06 | 29.57 | 56.63 | 74.00 | -17.37 |

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Report Number :TERF2211002517E2
 Operation Mode :802.11ax20+Zigbee
 Test Frequency :5220+2405 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-14
 Temp./Humi. :22.6/51
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



| 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 |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 4810.000 | Average | 19.52 | 12.41 | 31.93 | 54.00 | -22.07 |
| 4810.000 | Peak | 30.23 | 12.41 | 42.64 | 74.00 | -31.36 |
| 7215.000 | Peak | 28.76 | 19.86 | 48.61 | 68.20 | -19.59 |
| 10440.000 | Peak | 27.34 | 26.27 | 53.61 | 68.20 | -14.59 |
| 15660.000 | Average | 18.39 | 29.57 | 47.96 | 54.00 | -6.04 |
| 15660.000 | Peak | 27.86 | 29.57 | 57.42 | 74.00 | -16.58 |

~ End of Report ~

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