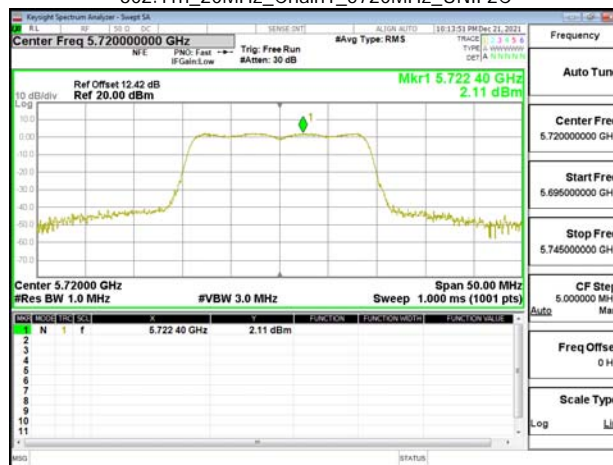


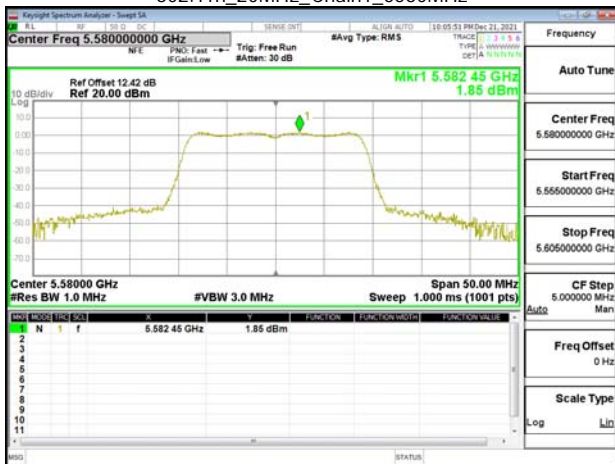
802.11n_20MHz_Chain1_5500MHz



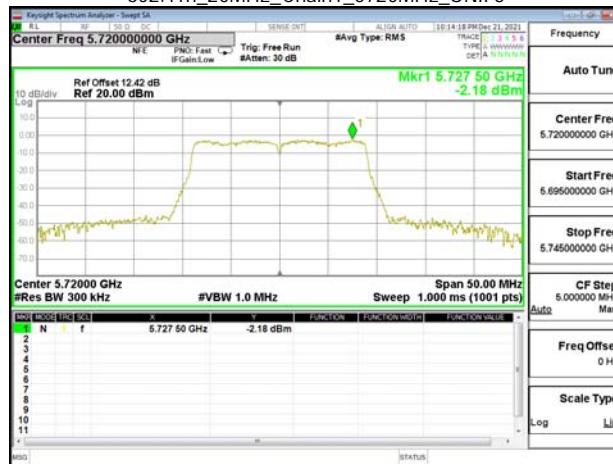
802.11n_20MHz_Chain1_5720MHz_UNII 2C



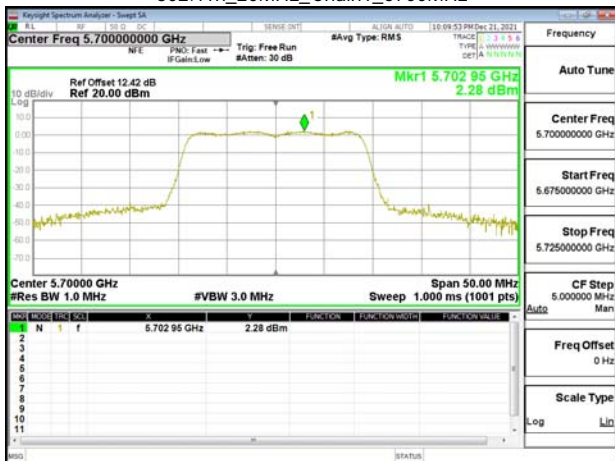
802.11n_20MHz_Chain1_5580MHz



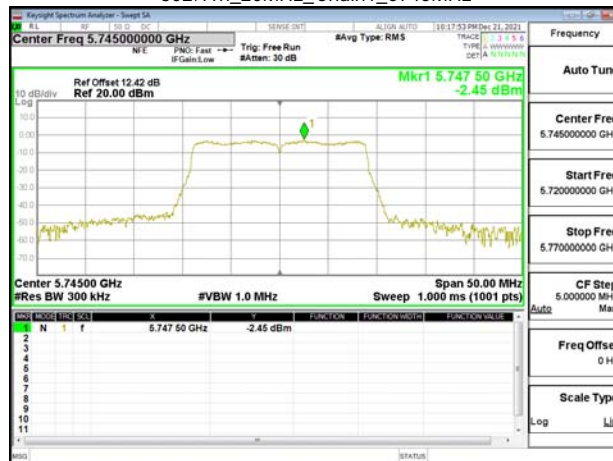
802.11n_20MHz_Chain1_5720MHz_UNII 3



802.11n_20MHz_Chain1_5700MHz



802.11n_20MHz_Chain1_5745MHz



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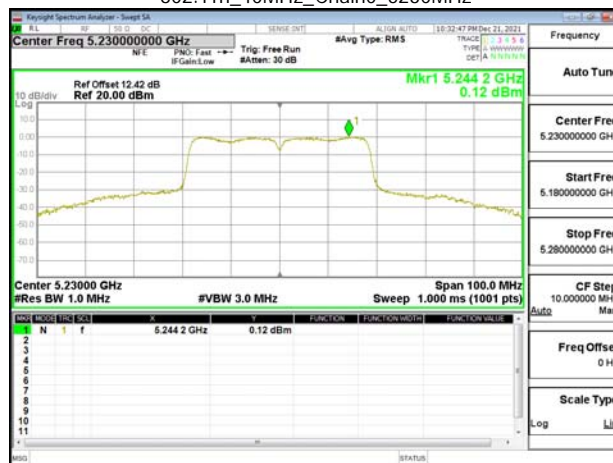
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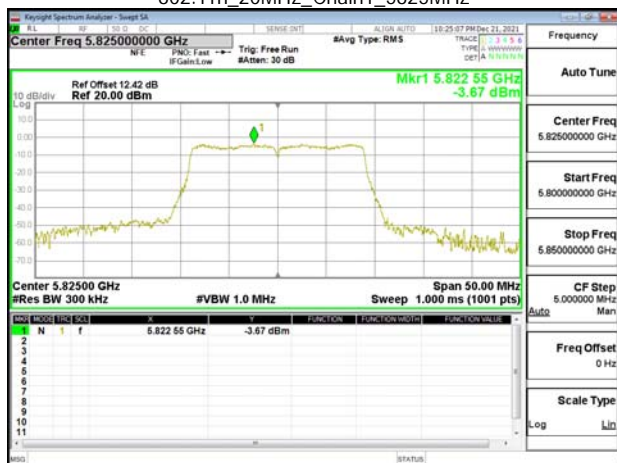
802.11n_20MHz_Chain1_5785MHz



802.11n_40MHz_Chain0_5230MHz



802.11n_20MHz_Chain1_5825MHz



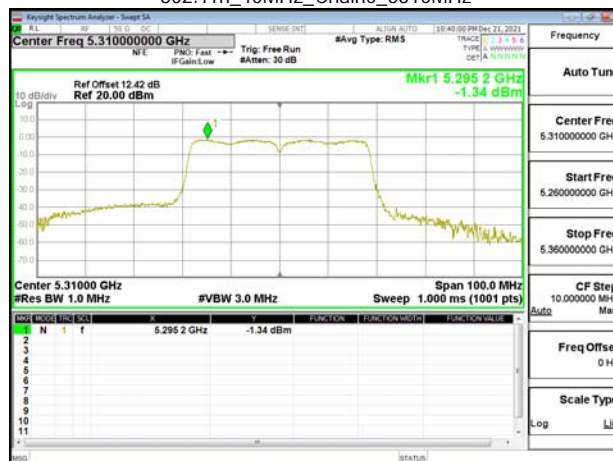
802.11n_40MHz_Chain0_5270MHz



802.11n_40MHz_Chain0_5190MHz



802.11n_40MHz_Chain0_5310MHz

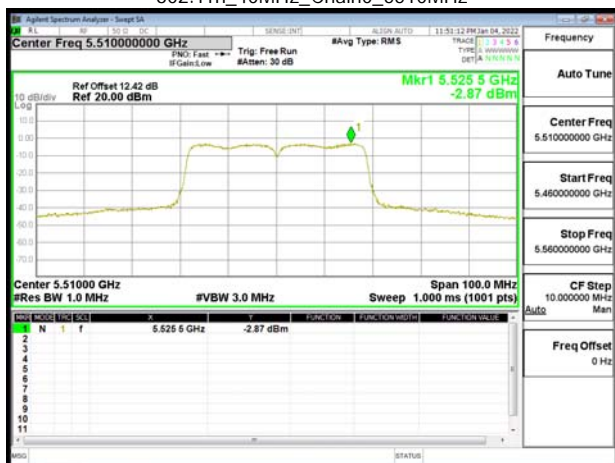


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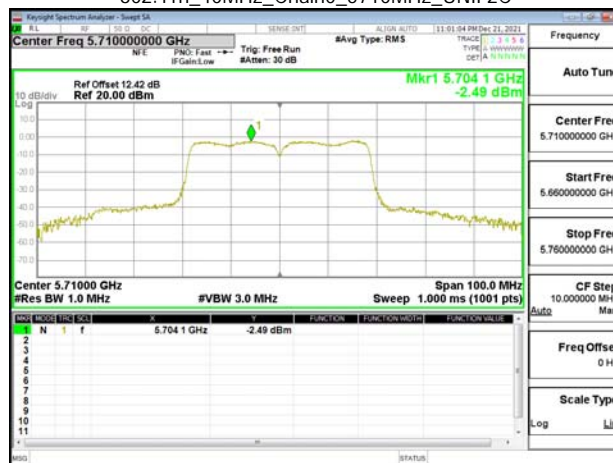
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802.11n_40MHz_Chain0_5510MHz



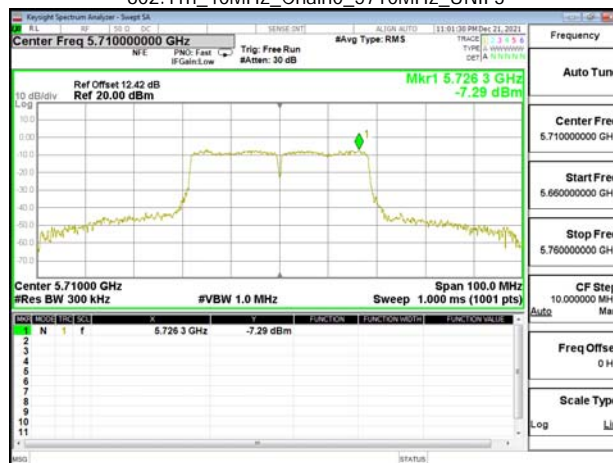
802.11n_40MHz_Chain0_5710MHz_UNII 2C



802.11n_40MHz_Chain0_5550MHz



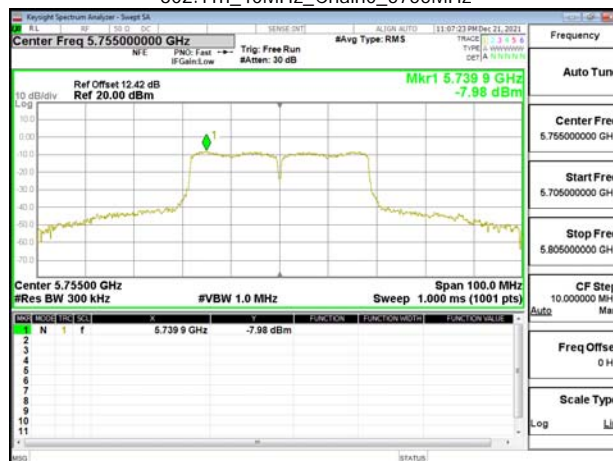
802.11n_40MHz_Chain0_5710MHz_UNII 3



802.11n_40MHz_Chain0_5670MHz



802.11n_40MHz_Chain0_5755MHz



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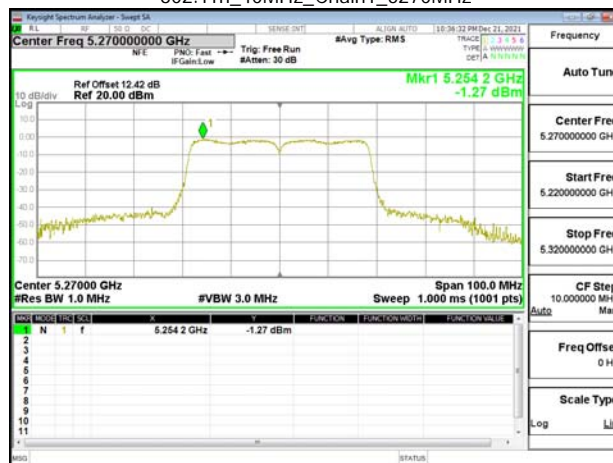
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802.11n_40MHz_Chain0_5795MHz



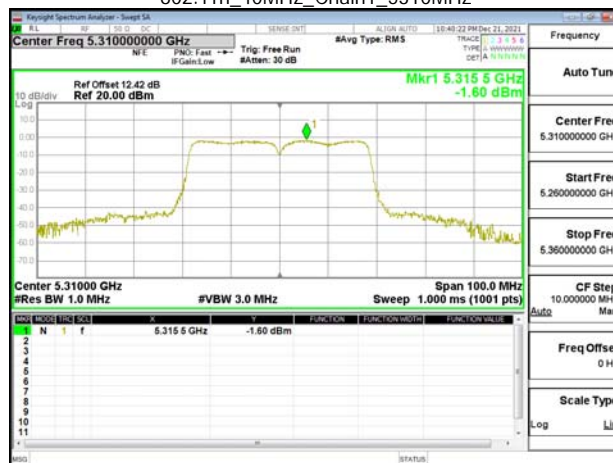
802.11n_40MHz_Chain1_5270MHz



802.11n_40MHz_Chain1_5190MHz



802.11n_40MHz_Chain1_5310MHz



802.11n_40MHz_Chain1_5230MHz



802.11n_40MHz_Chain1_5510MHz



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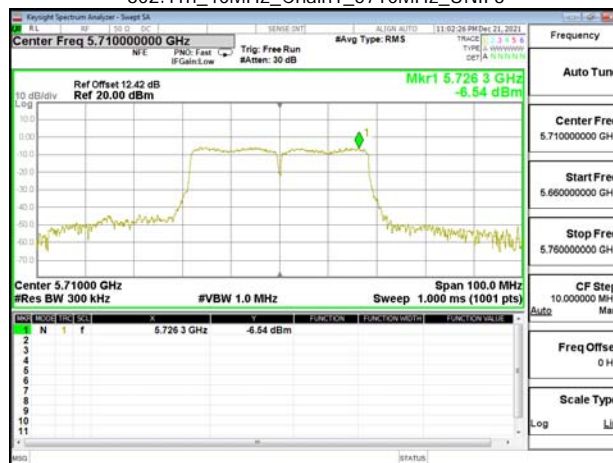
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802.11n_40MHz_Chain1_5550MHz



802.11n_40MHz_Chain1_5710MHz_UNII 3



802.11n_40MHz_Chain1_5670MHz



802.11n_40MHz_Chain1_5755MHz



802.11n_40MHz_Chain1_5710MHz_UNII 2C



802.11n_40MHz_Chain1_5795MHz



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802.11ac_80MHz_Chain0_5210MHz



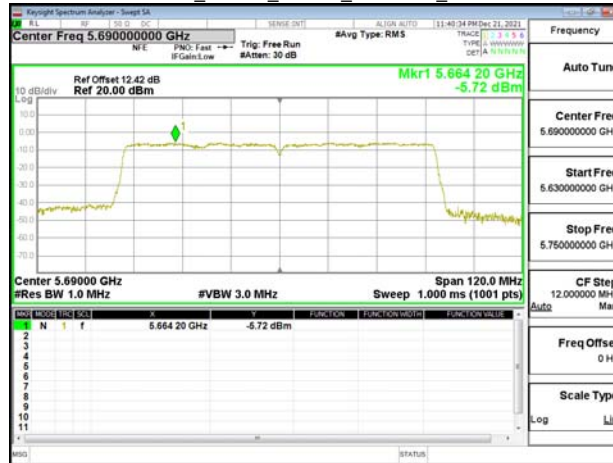
802.11ac_80MHz_Chain0_5610MHz



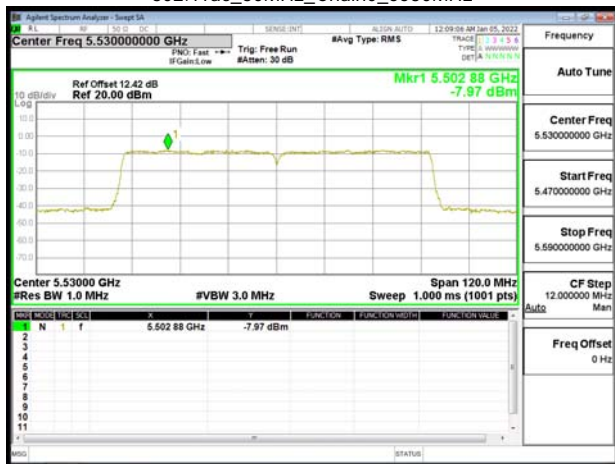
802.11ac_80MHz_Chain0_5290MHz



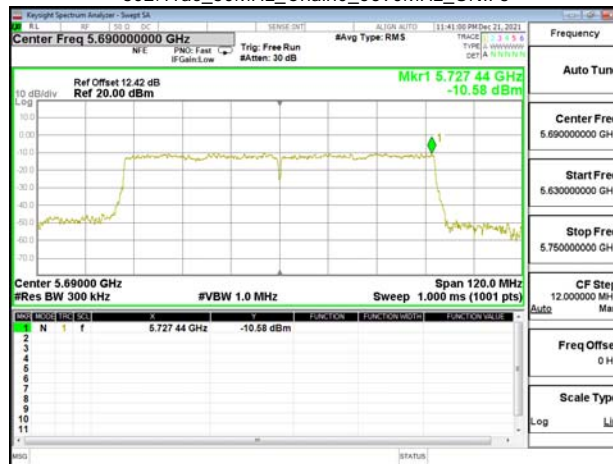
802.11ac_80MHz_Chain0_5690MHz_UNII 2C



802.11ac_80MHz_Chain0_5530MHz



802.11ac_80MHz_Chain0_5690MHz_UNII 3

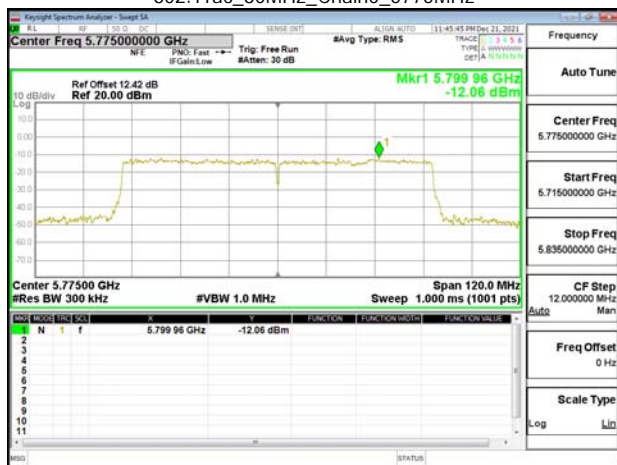


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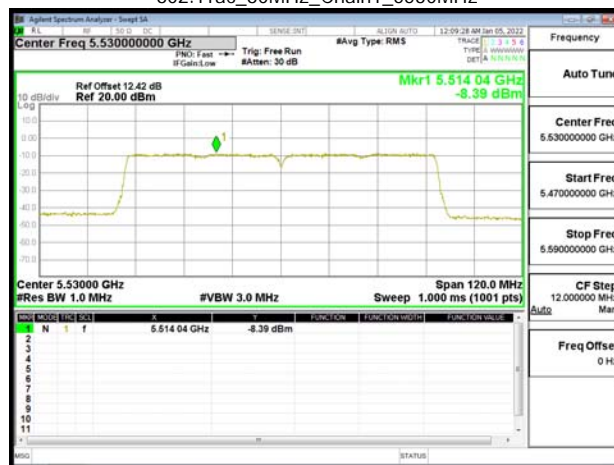
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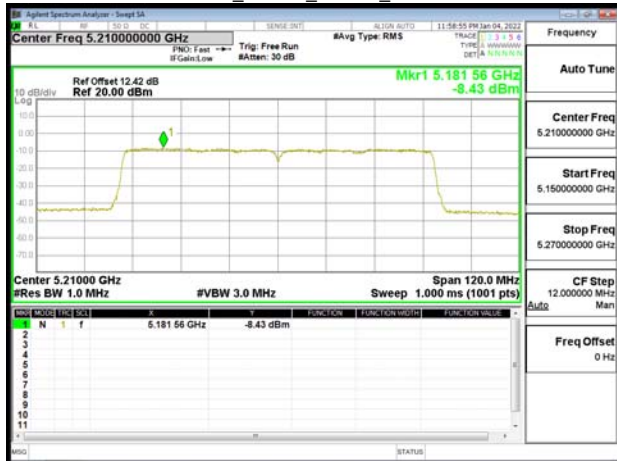
802.11ac_80MHz_Chain0_5775MHz



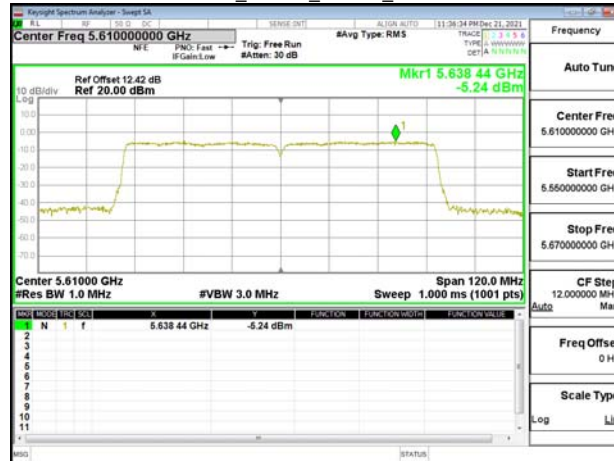
802.11ac_80MHz_Chain1_5530MHz



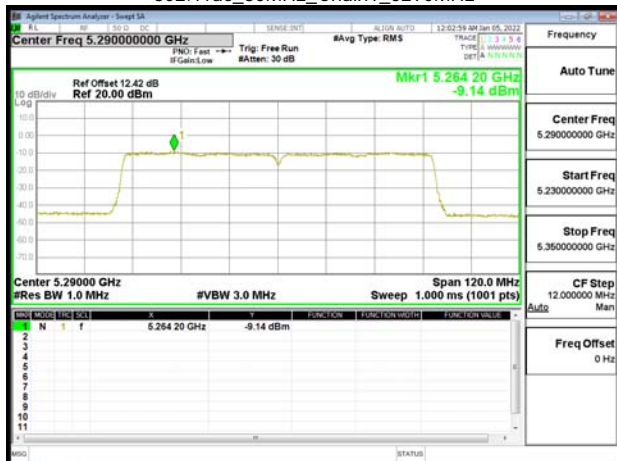
802.11ac_80MHz_Chain1_5210MHz



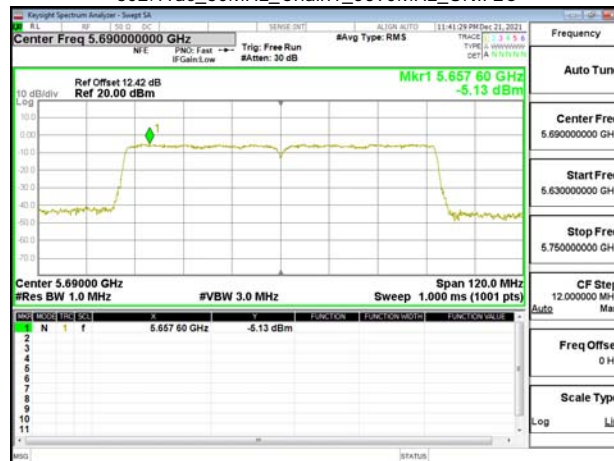
802.11ac_80MHz_Chain1_5610MHz



802.11ac_80MHz_Chain1_5290MHz



802.11ac_80MHz_Chain1_5690MHz_UNII 2C



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802.11ac_80MHz_Chain1_5690MHz_UNII 3



802.11ac_80MHz_Chain1_5775MHz



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11 UNDESIRABLE RADIATED EMISSION MEASUREMENT

11.1 Standard Applicable

11.1.1 Band Edge

The maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

1. For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
2. For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

APPLICABLE TO	EIRP LIMIT	FIELD STRENGTH AT 3m
15.407(b)(1) RSS-247 §6.2.1.2	PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m)
15.407(b)(2) RSS-247 §6.2.2.2		
15.407(b)(3) RSS-247 §6.2.3.2		
15.407(b)(4)(i) RSS-247 §6.2.4.2	PK:-27 (dBm/MHz) *1 PK:10 (dBm/MHz) *2 PK:15.6 (dBm/MHz) *3 PK:27 (dBm/MHz) *4	PK: 68.2 (dBμV/m) *1 PK:105.2 (dBμV/m) *2 PK: 110.8(dBμV/m) *3 PK:122.2 (dBμV/m) *4
*1 beyond 75 MHz or more above of the bandedge. *2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above. *3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above. *4 from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.		

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

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11.1.2 Spurious Emission

Unwanted spurious emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table:

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.

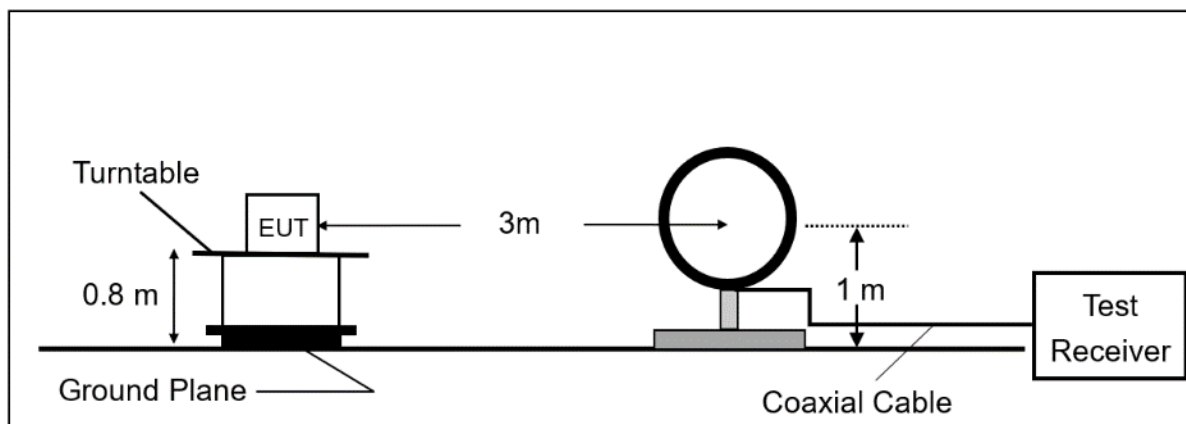
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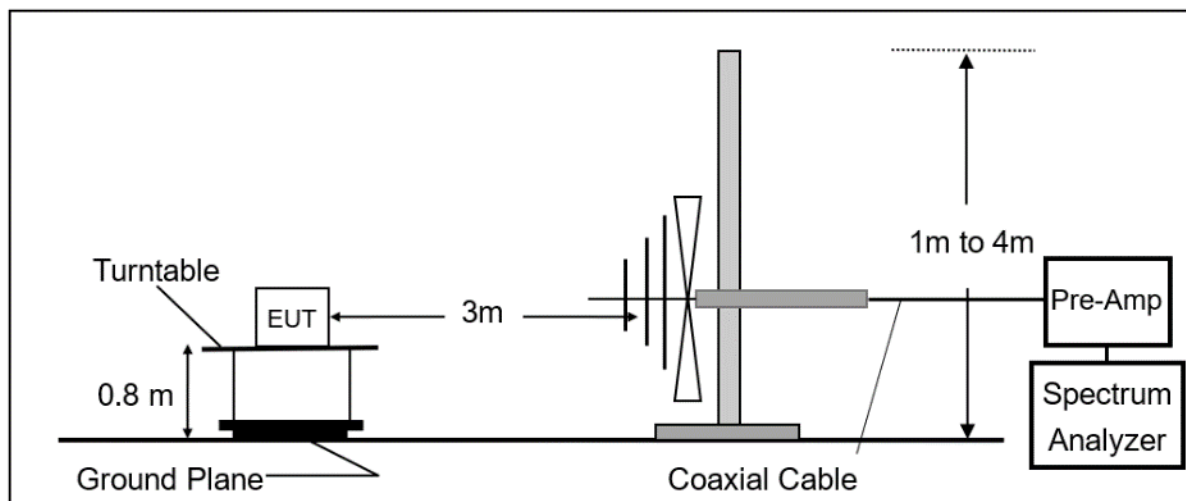
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11.2 Test Setup

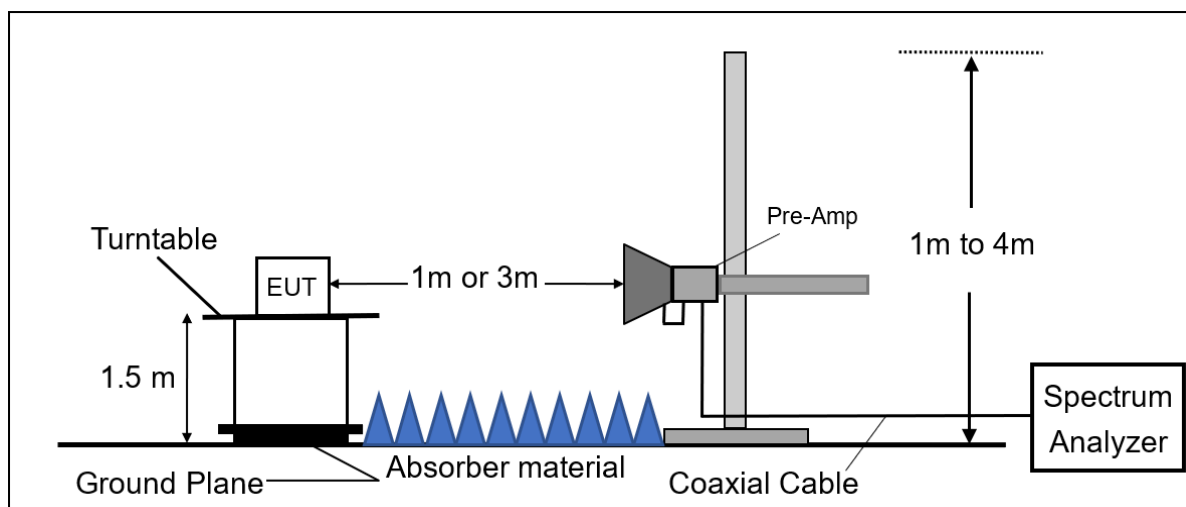
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



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



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



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11.3 Measurement Procedure

1. The testing follows FCC KDB 789033 D02.
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 for Maximum Emission Measurements at frequency above 1 GHz.
8. 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.
9. 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.
10. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
11. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
12. Repeat above procedures until all frequency measured were complete.

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

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

11.5 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.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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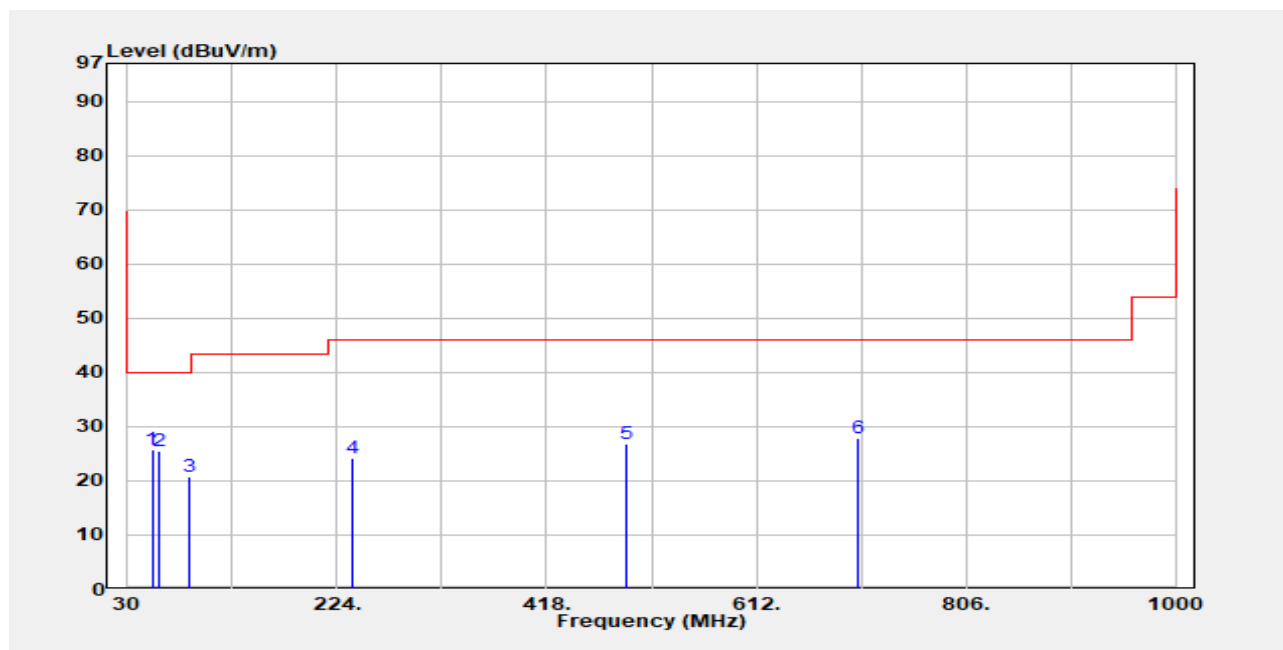
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11.6 Radiated Spurious Emission Measurement Result

11.6.1 Spurious Emission

Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5220 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



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
52.63	Peak	42.47	-16.81	25.66	40.00	-14.34
59.10	Peak	43.66	-18.07	25.58	40.00	-14.42
86.58	Peak	36.36	-15.71	20.65	40.00	-19.35
238.55	Peak	35.47	-11.31	24.15	46.00	-21.85
492.37	Peak	31.91	-5.21	26.70	46.00	-19.30
705.77	Peak	30.95	-3.13	27.82	46.00	-18.18

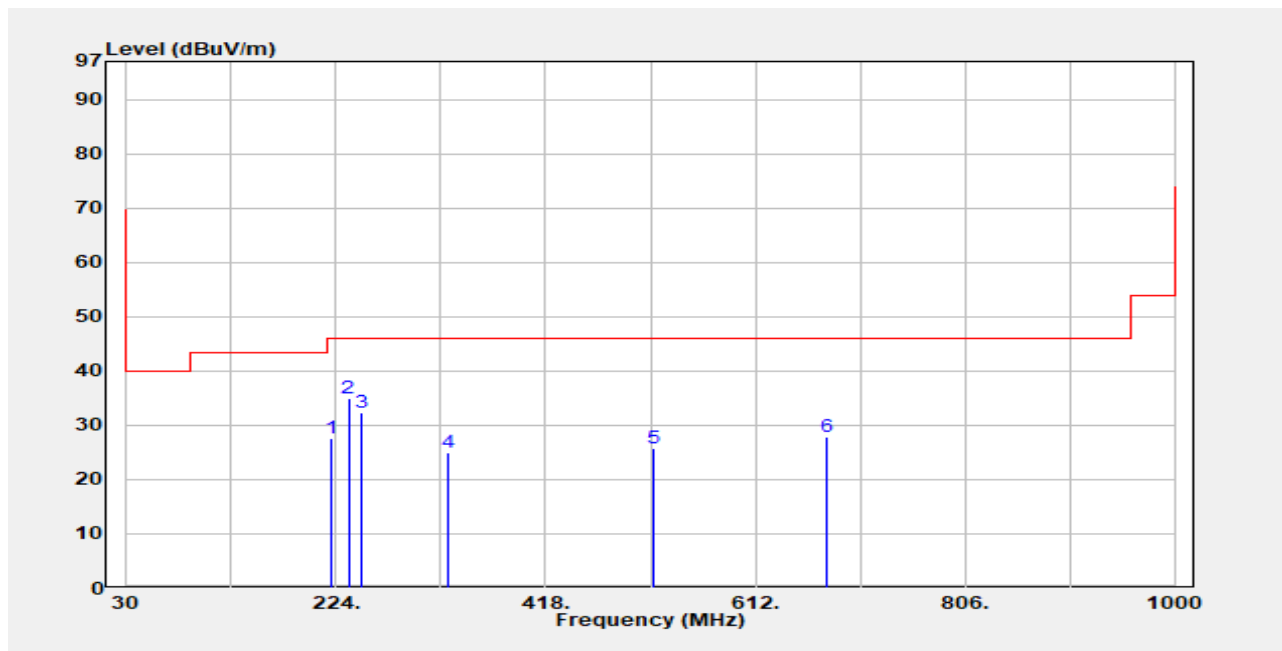
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5220 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
219.15	Peak	41.10	-13.45	27.65	46.00	-18.35
235.32	Peak	46.69	-11.68	35.01	46.00	-10.99
246.63	Peak	42.76	-10.50	32.26	46.00	-13.74
327.47	Peak	33.36	-8.43	24.93	46.00	-21.07
518.23	Peak	30.97	-5.27	25.70	46.00	-20.30
678.28	Peak	30.51	-2.68	27.84	46.00	-18.16

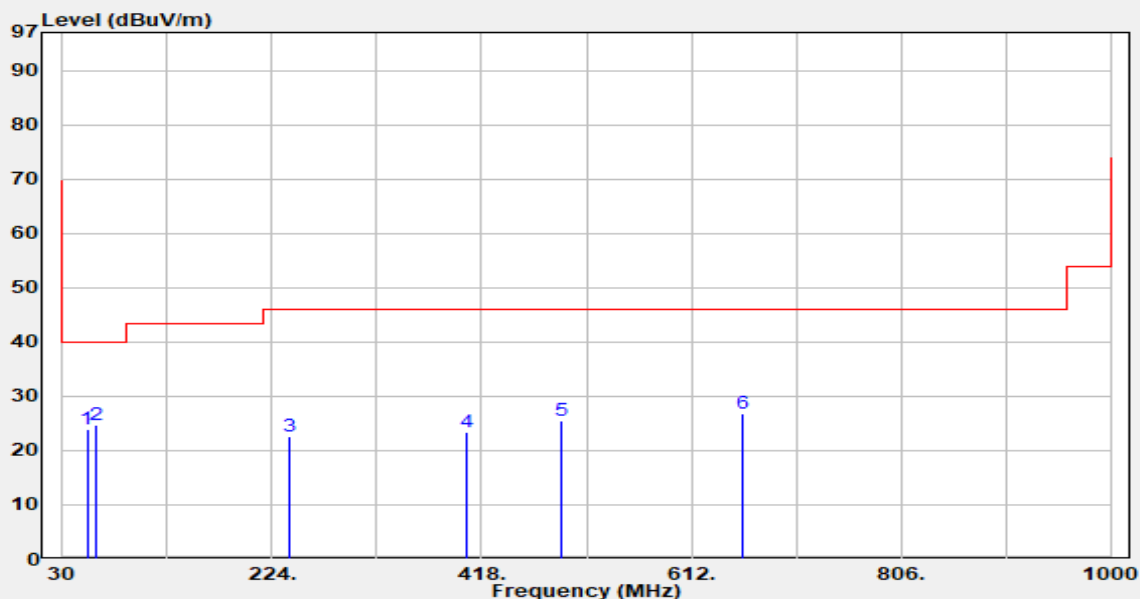
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Report Number :ER/2021/C0049
Operation Mode :802.11a
Test Frequency :5300 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-30
Temp./Humi. :22.8/64
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
52.63	Peak	40.80	-16.81	23.98	40.00	-16.02
60.72	Peak	42.59	-17.97	24.62	40.00	-15.38
240.17	Peak	33.77	-11.13	22.64	46.00	-23.36
403.45	Peak	29.90	-6.48	23.42	46.00	-22.58
492.37	Peak	30.60	-5.21	25.39	46.00	-20.61
658.88	Peak	30.41	-3.46	26.94	46.00	-19.06

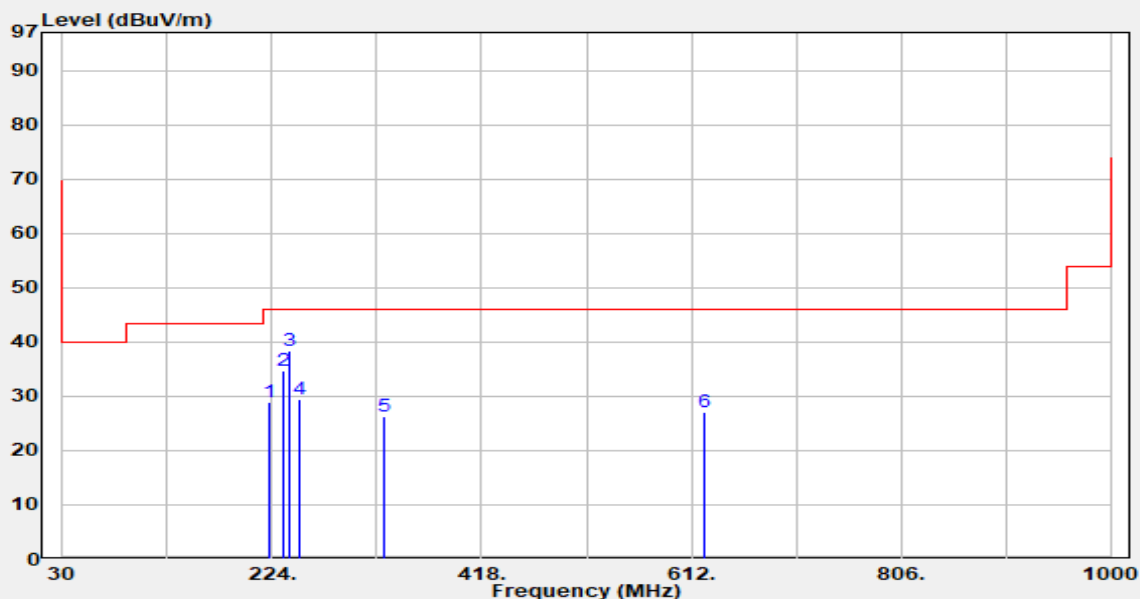
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5300 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
220.77	Peak	42.21	-13.31	28.91	46.00	-17.09
233.70	Peak	46.46	-11.86	34.59	46.00	-11.41
240.17	Peak	49.58	-11.13	38.45	46.00	-7.55
249.87	Peak	39.54	-10.19	29.35	46.00	-16.65
327.47	Peak	34.79	-8.43	26.36	46.00	-19.64
623.32	Peak	30.75	-3.65	27.10	46.00	-18.90

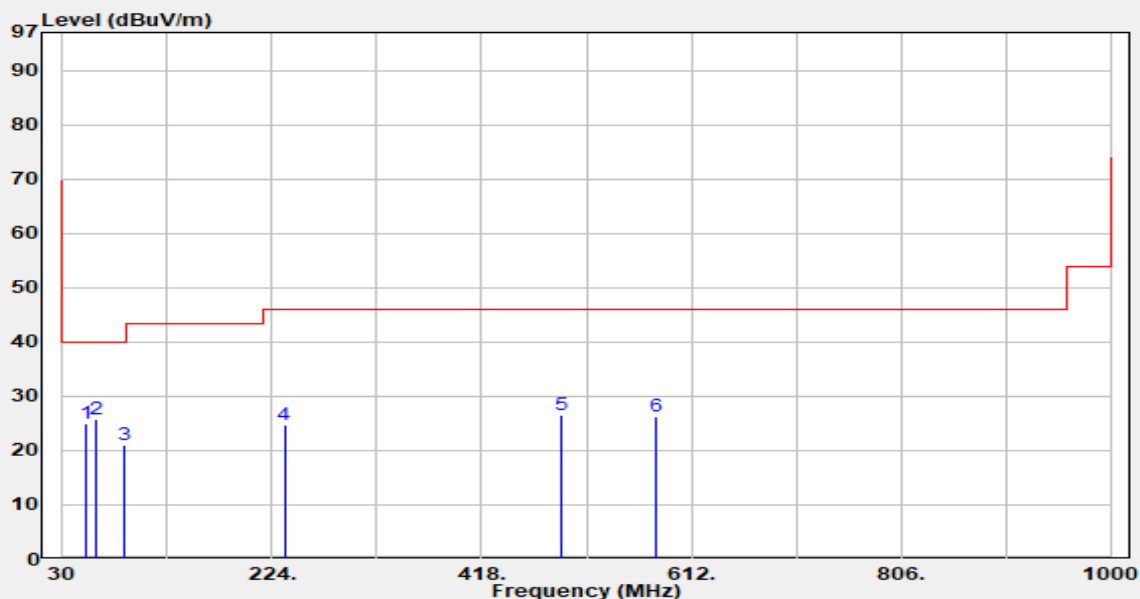
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5580 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
51.02	Peak	41.19	-16.29	24.90	40.00	-15.10
60.72	Peak	43.80	-17.97	25.83	40.00	-14.17
86.58	Peak	36.63	-15.71	20.93	40.00	-19.07
235.32	Peak	36.52	-11.68	24.84	46.00	-21.16
492.37	Peak	31.72	-5.21	26.51	46.00	-19.49
579.67	Peak	30.92	-4.53	26.39	46.00	-19.61

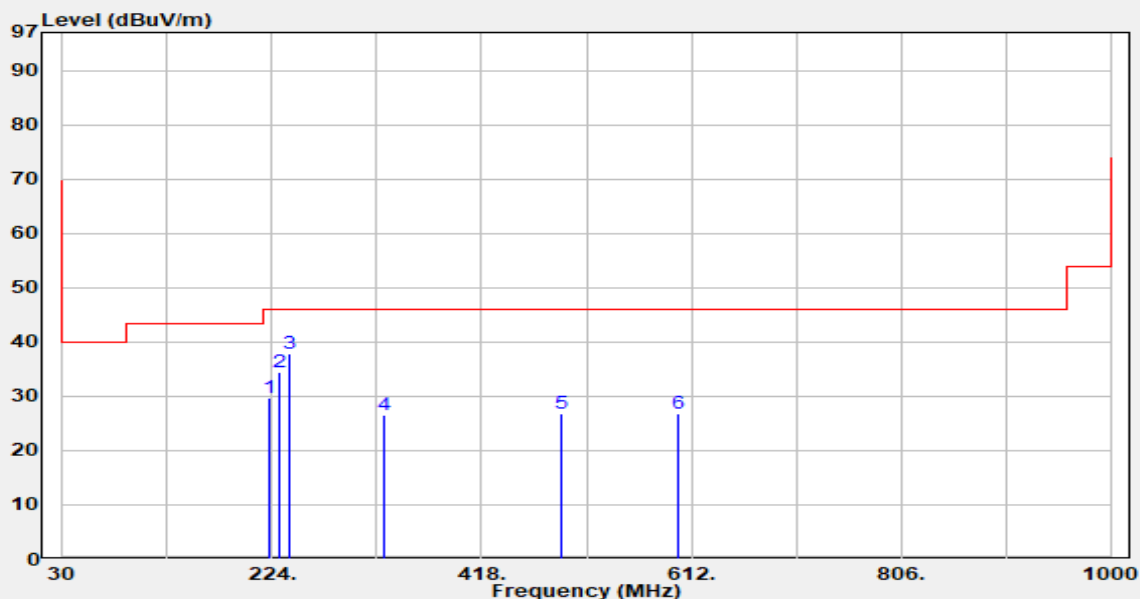
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Report Number :ER/2021/C0049
Operation Mode :802.11a
Test Frequency :5580 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-30
Temp./Humi. :22.8/64
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
220.77	Peak	43.12	-13.31	29.81	46.00	-16.19
230.47	Peak	46.55	-12.24	34.31	46.00	-11.69
240.17	Peak	48.94	-11.13	37.81	46.00	-8.19
327.47	Peak	34.87	-8.43	26.44	46.00	-19.56
492.37	Peak	31.89	-5.21	26.68	46.00	-19.32
599.07	Peak	30.22	-3.37	26.85	46.00	-19.15

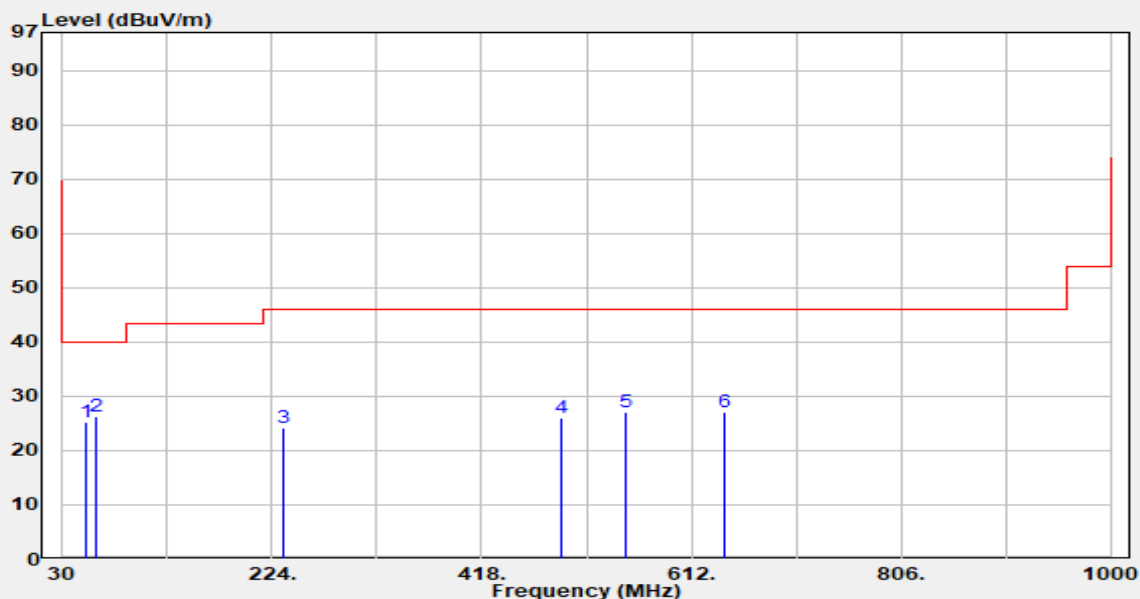
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5785 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
51.02	Peak	41.59	-16.29	25.30	40.00	-14.70
60.72	Peak	44.29	-17.97	26.32	40.00	-13.68
233.70	Peak	36.18	-11.86	24.31	46.00	-21.69
492.37	Peak	31.33	-5.21	26.12	46.00	-19.88
552.18	Peak	31.31	-4.21	27.11	46.00	-18.89
642.72	Peak	30.97	-3.87	27.09	46.00	-18.91

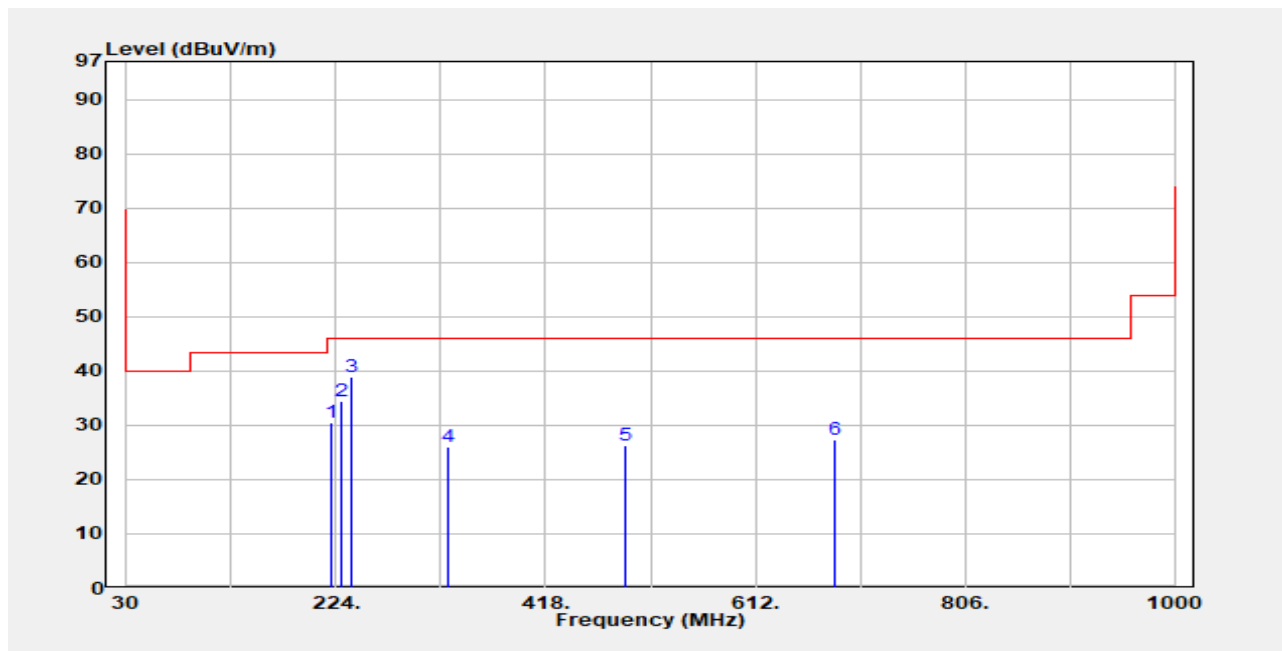
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5785 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
219.15	Peak	43.90	-13.45	30.45	46.00	-15.55
228.85	Peak	46.80	-12.41	34.39	46.00	-11.61
238.55	Peak	50.26	-11.31	38.94	46.00	-7.06
327.47	Peak	34.52	-8.43	26.09	46.00	-19.91
492.37	Peak	31.60	-5.21	26.39	46.00	-19.61
686.37	Peak	29.73	-2.50	27.23	46.00	-18.77

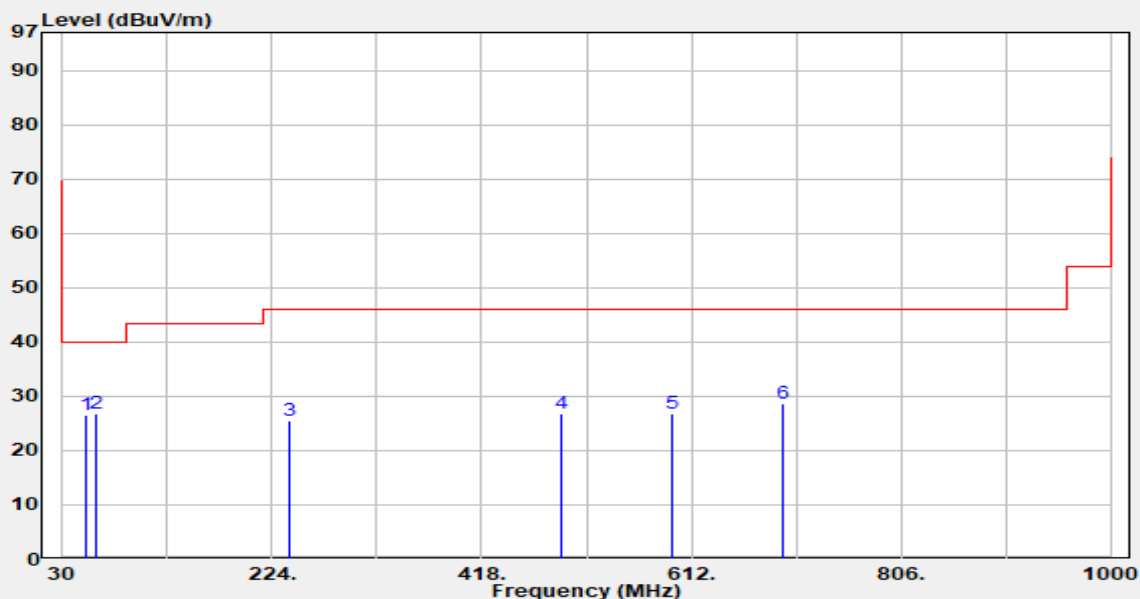
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5210 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
51.02	Peak	42.83	-16.29	26.54	40.00	-13.46
60.72	Peak	44.88	-17.97	26.91	40.00	-13.09
240.17	Peak	36.55	-11.13	25.42	46.00	-20.58
492.37	Peak	31.91	-5.21	26.71	46.00	-19.29
594.22	Peak	30.53	-3.65	26.88	46.00	-19.12
697.68	Peak	31.47	-2.73	28.74	46.00	-17.26

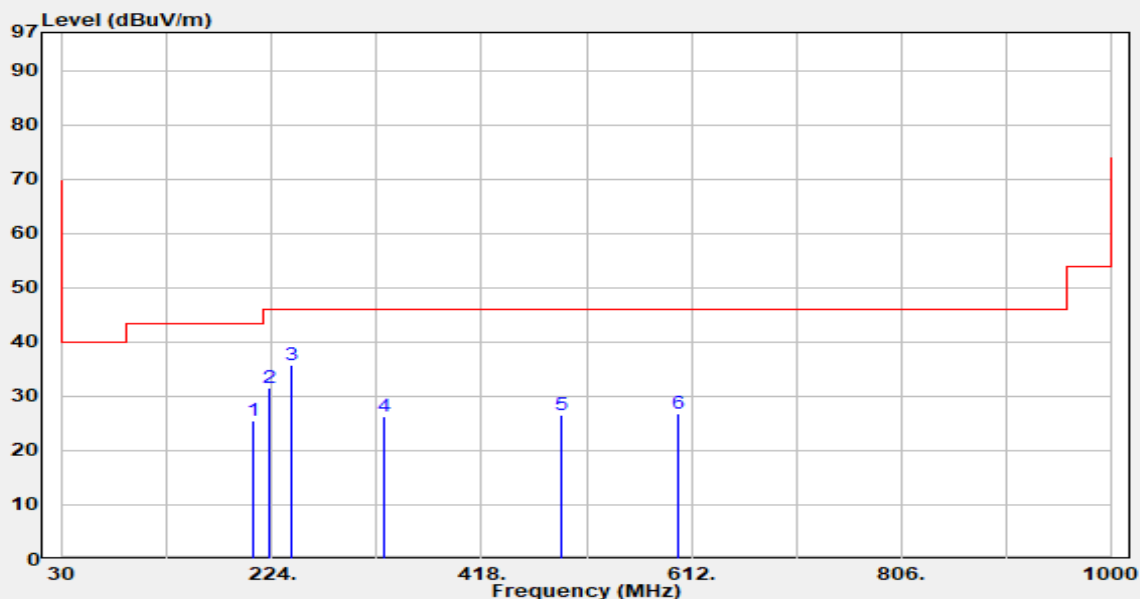
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5210 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
206.22	Peak	38.75	-13.27	25.48	43.50	-18.02
220.77	Peak	44.92	-13.31	31.61	46.00	-14.39
241.78	Peak	46.77	-10.97	35.80	46.00	-10.20
327.47	Peak	34.65	-8.43	26.22	46.00	-19.78
492.37	Peak	31.72	-5.21	26.51	46.00	-19.49
599.07	Peak	30.22	-3.37	26.85	46.00	-19.15

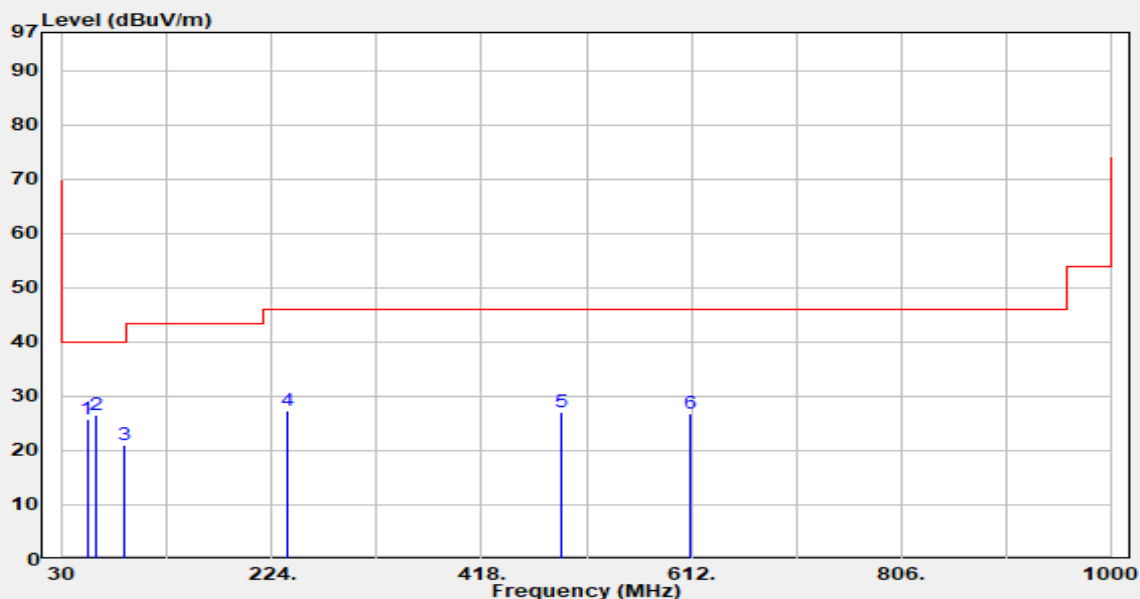
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5290 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
52.63	Peak	42.56	-16.81	25.75	40.00	-14.25
60.72	Peak	44.52	-17.97	26.55	40.00	-13.45
86.58	Peak	36.65	-15.71	20.94	40.00	-19.06
238.55	Peak	38.55	-11.31	27.24	46.00	-18.76
492.37	Peak	32.27	-5.21	27.06	46.00	-18.94
610.38	Peak	30.21	-3.38	26.83	46.00	-19.17

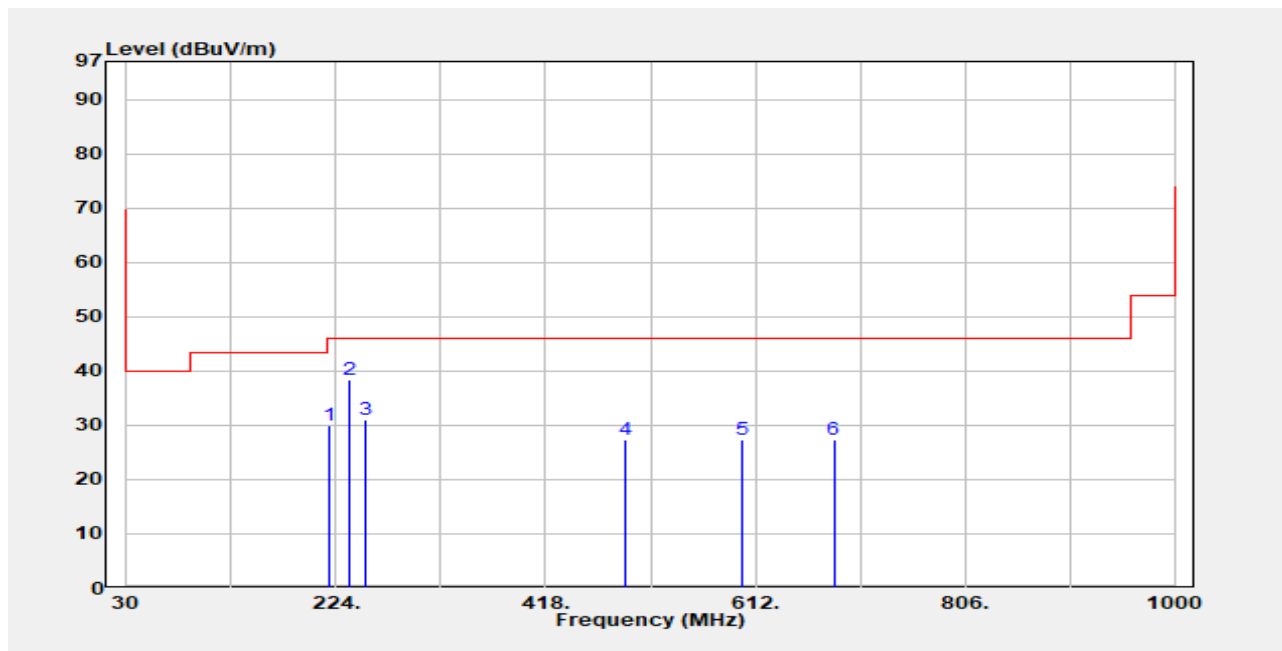
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5290 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
217.53	Peak	43.42	-13.55	29.86	46.00	-16.14
236.93	Peak	49.96	-11.50	38.46	46.00	-7.54
251.48	Peak	40.97	-9.95	31.02	46.00	-14.98
492.37	Peak	32.54	-5.21	27.33	46.00	-18.67
599.07	Peak	30.60	-3.37	27.23	46.00	-18.77
684.75	Peak	29.78	-2.47	27.31	46.00	-18.69

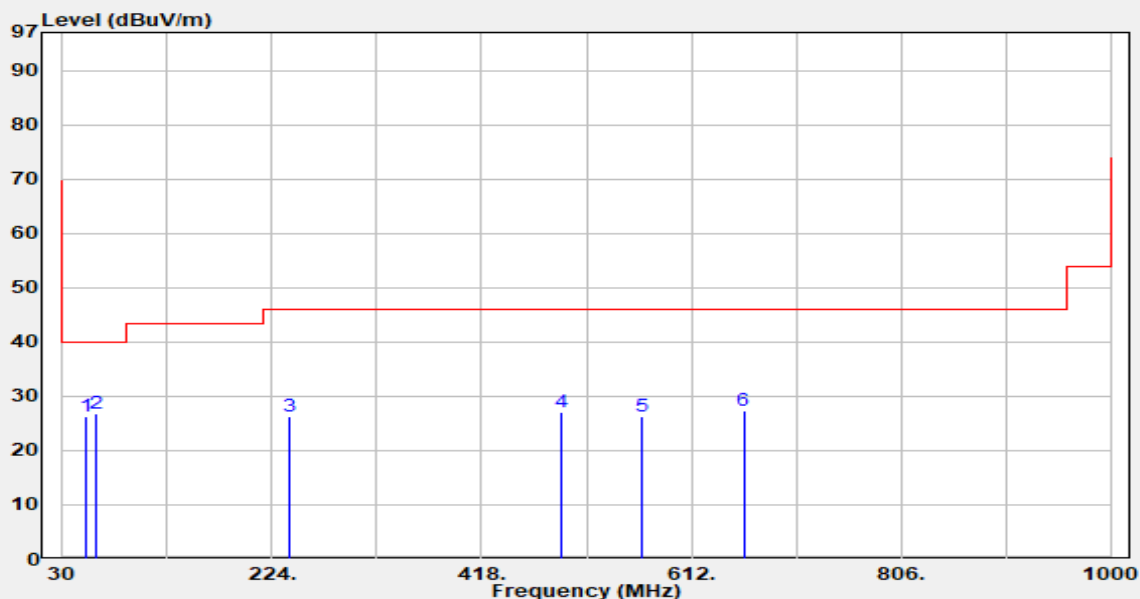
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Report Number :ER/2021/C0049
Operation Mode :802.11ac80
Test Frequency :5610 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-30
Temp./Humi. :22.8/64
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
51.02	Peak	42.54	-16.29	26.25	40.00	-13.75
60.72	Peak	44.90	-17.97	26.93	40.00	-13.07
240.17	Peak	37.33	-11.13	26.20	46.00	-19.80
492.37	Peak	32.28	-5.21	27.07	46.00	-18.93
566.73	Peak	30.77	-4.53	26.24	46.00	-19.76
660.50	Peak	30.62	-3.34	27.27	46.00	-18.73

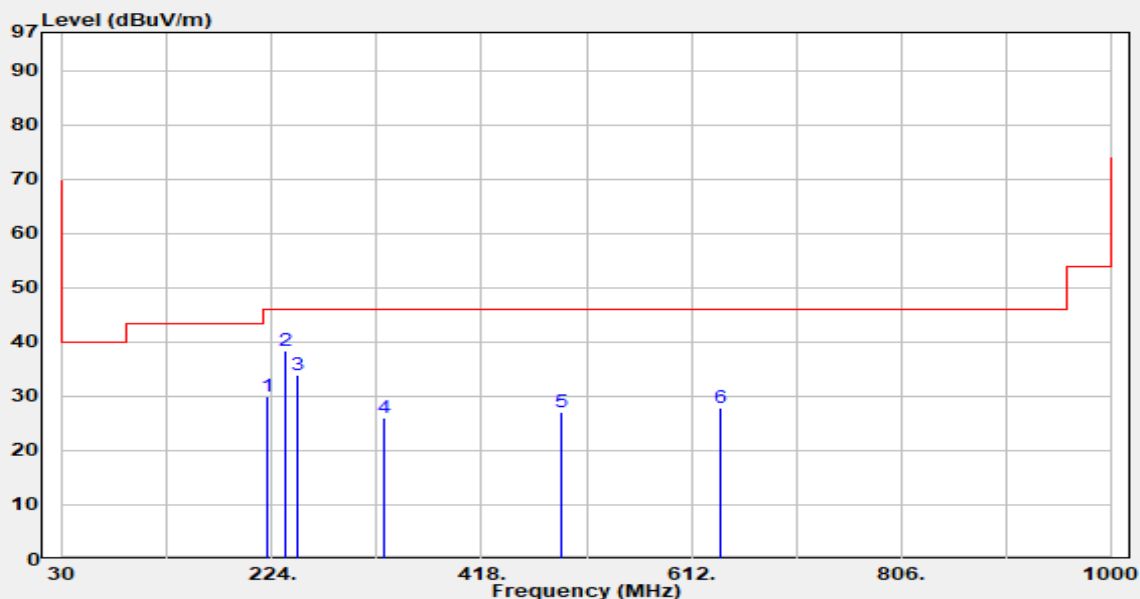
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5610 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
219.15	Peak	43.38	-13.45	29.93	46.00	-16.07
236.93	Peak	50.00	-11.50	38.51	46.00	-7.49
246.63	Peak	44.40	-10.50	33.90	46.00	-12.10
327.47	Peak	34.58	-8.43	26.15	46.00	-19.85
492.37	Peak	32.31	-5.21	27.10	46.00	-18.90
639.48	Peak	31.69	-3.87	27.81	46.00	-18.19

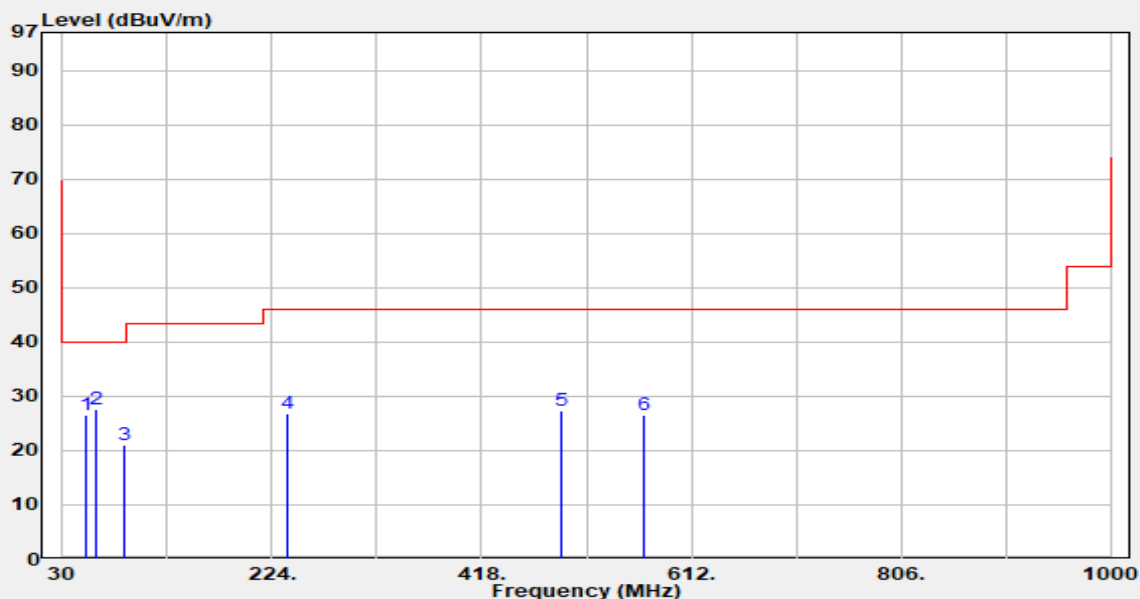
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5775 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
51.02	Peak	42.96	-16.29	26.67	40.00	-13.33
60.72	Peak	45.53	-17.97	27.56	40.00	-12.44
86.58	Peak	36.79	-15.71	21.09	40.00	-18.91
238.55	Peak	38.06	-11.31	26.75	46.00	-19.25
492.37	Peak	32.59	-5.21	27.38	46.00	-18.62
568.35	Peak	30.96	-4.47	26.49	46.00	-19.51

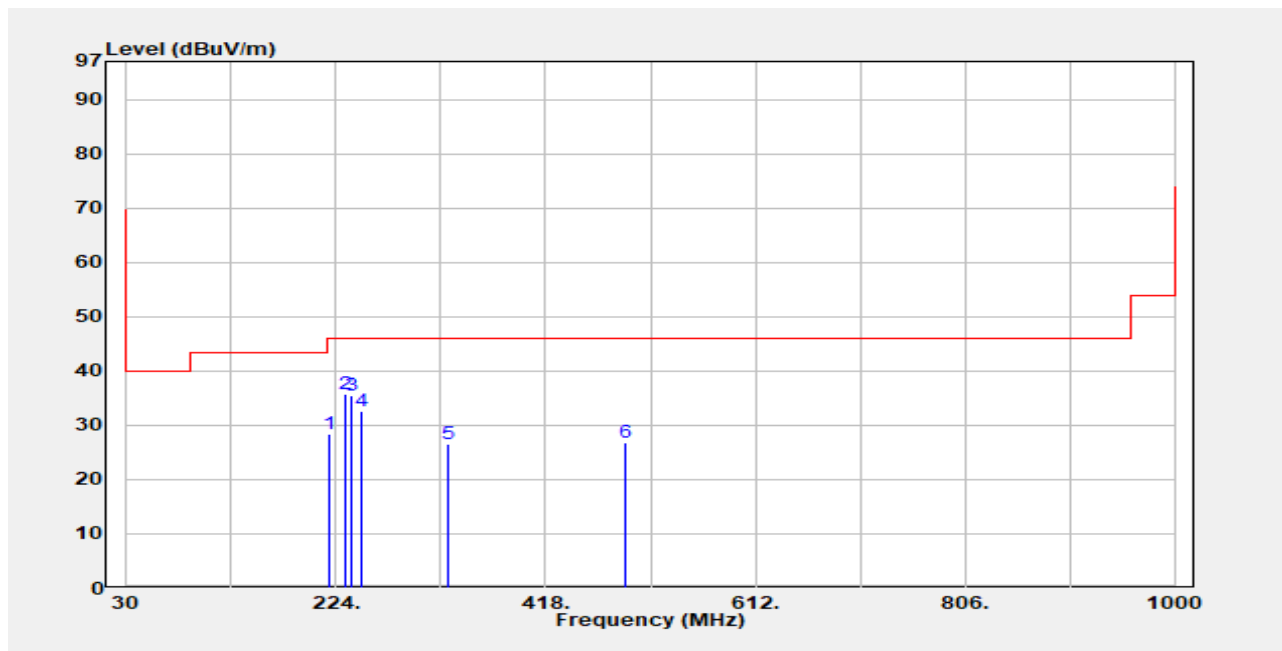
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5775 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
217.53	Peak	42.07	-13.55	28.52	46.00	-17.48
232.08	Peak	47.88	-12.05	35.83	46.00	-10.17
238.55	Peak	46.89	-11.31	35.58	46.00	-10.42
248.25	Peak	42.90	-10.34	32.55	46.00	-13.45
327.47	Peak	35.04	-8.43	26.61	46.00	-19.39
492.37	Peak	32.15	-5.21	26.94	46.00	-19.06

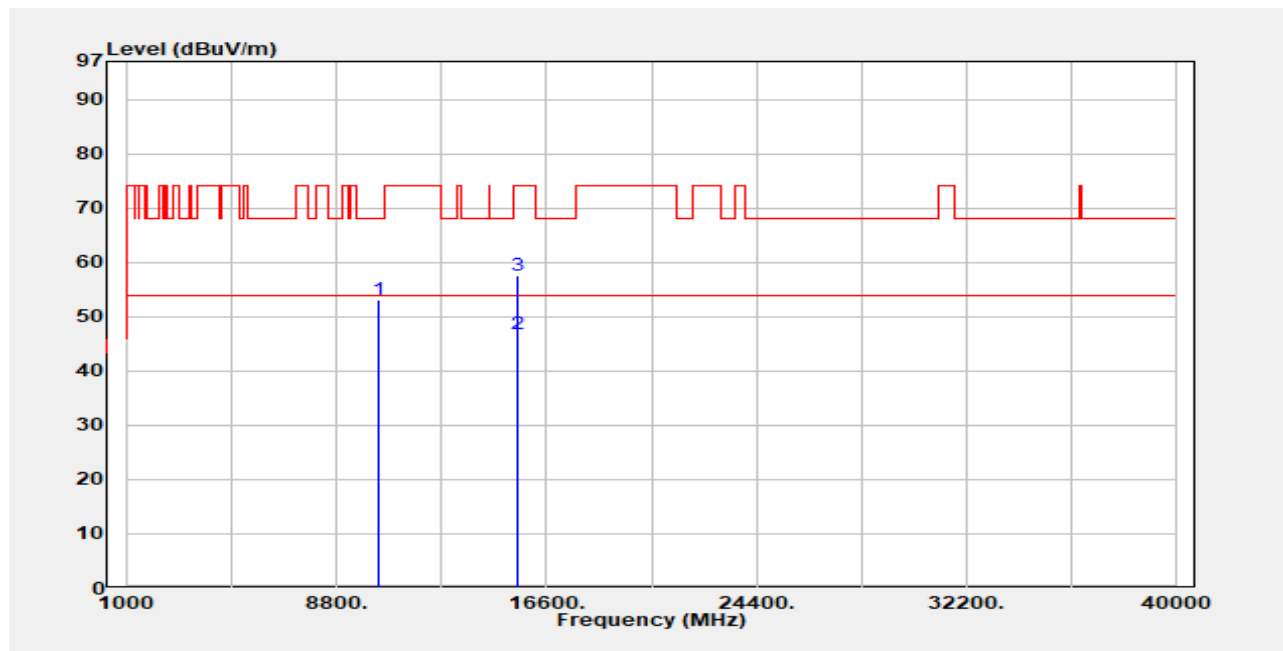
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Report Number :ER/2021/C0049
Operation Mode :802.11a
Test Frequency :5180 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Vertical
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10360.00	Peak	33.64	19.42	53.06	68.20	-15.14
15540.00	Average	24.22	22.50	46.72	54.00	-7.28
15540.00	Peak	35.05	22.50	57.54	74.00	-16.46

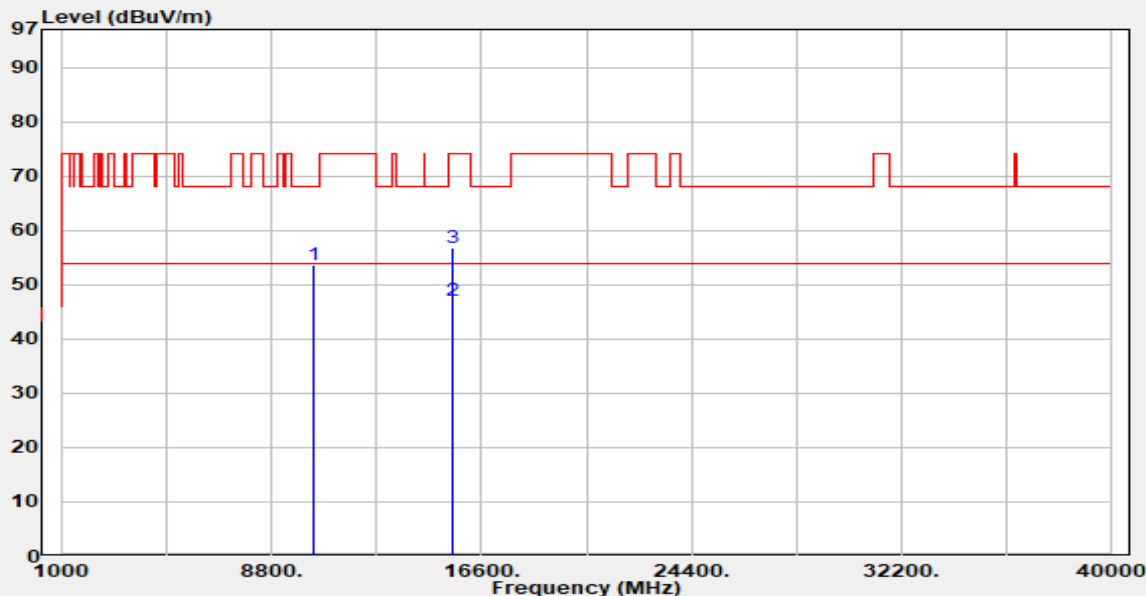
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5180 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10360.00	Peak	34.10	19.42	53.52	68.20	-14.68
15540.00	Average	24.60	22.50	47.10	54.00	-6.90
15540.00	Peak	34.16	22.50	56.66	74.00	-17.34

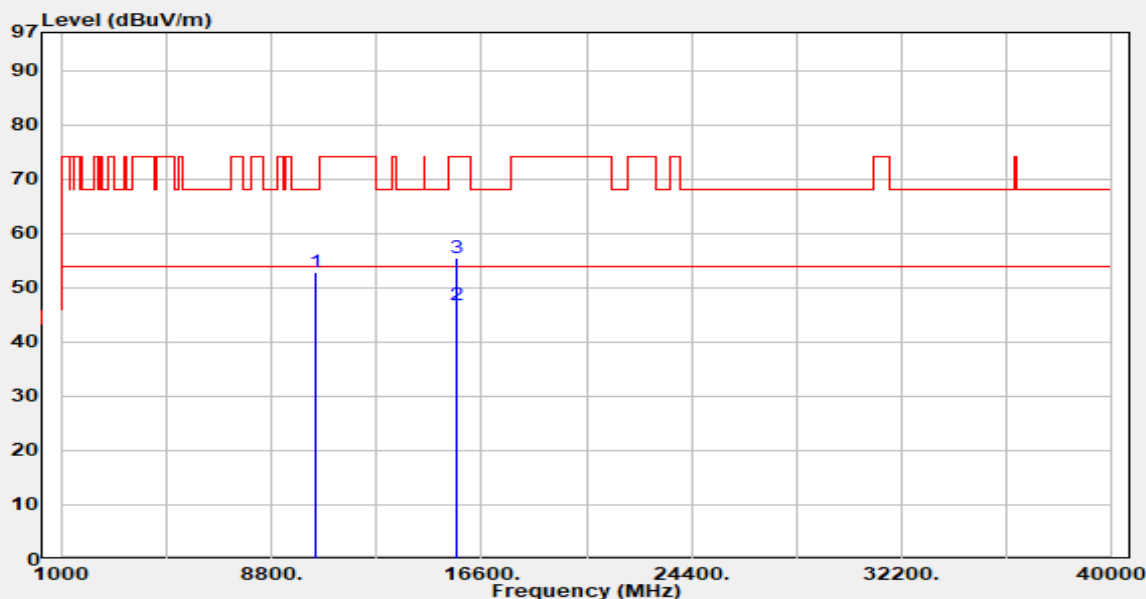
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5220 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10440.00	Peak	33.56	19.25	52.81	68.20	-15.39
15660.00	Average	24.96	21.82	46.78	54.00	-7.22
15660.00	Peak	33.69	21.82	55.51	74.00	-18.49

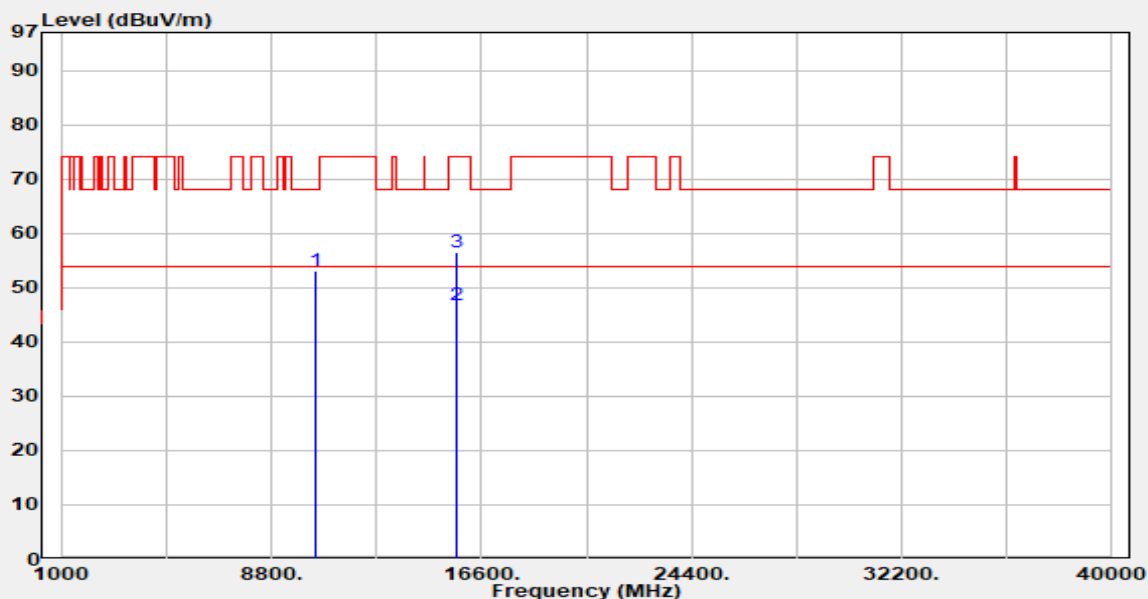
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5220 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10440.00	Peak	33.89	19.25	53.14	68.20	-15.06
15660.00	Average	24.89	21.82	46.71	54.00	-7.29
15660.00	Peak	34.69	21.82	56.51	74.00	-17.49

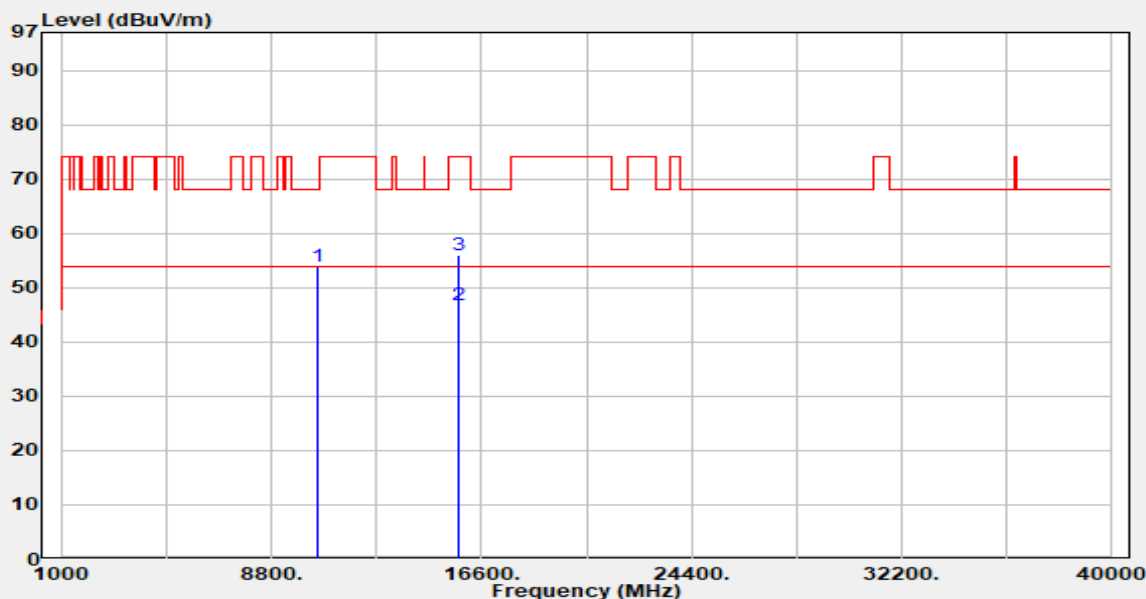
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Report Number :ER/2021/C0049
Operation Mode :802.11a
Test Frequency :5240 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Vertical
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10480.00	Peak	33.94	20.01	53.95	68.20	-14.25
15720.00	Average	25.32	21.53	46.85	54.00	-7.15
15720.00	Peak	34.48	21.53	56.01	74.00	-17.99

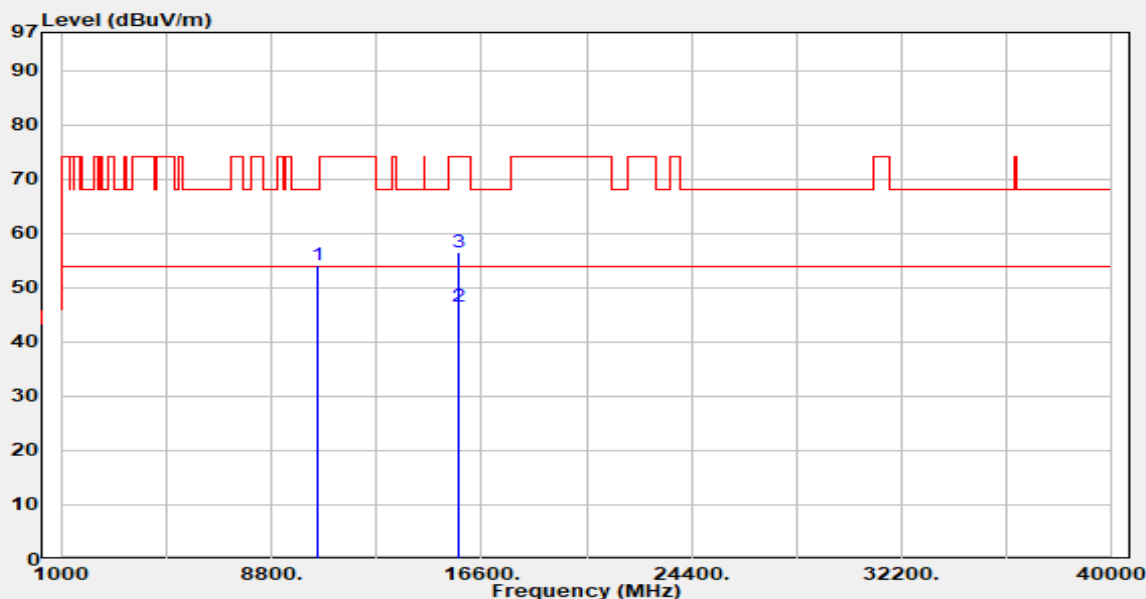
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5240 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10480.00	Peak	34.21	20.01	54.21	68.20	-13.99
15720.00	Average	25.11	21.53	46.64	54.00	-7.36
15720.00	Peak	34.86	21.53	56.39	74.00	-17.61

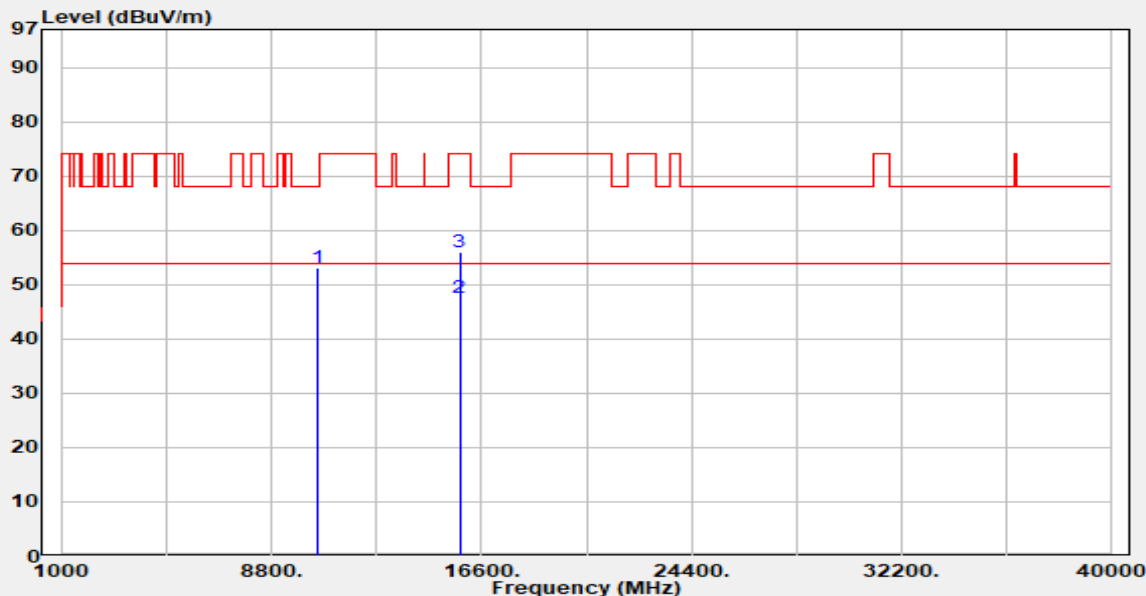
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Report Number :ER/2021/C0049
Operation Mode :802.11a
Test Frequency :5260 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Vertical
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10520.00	Peak	33.25	19.92	53.17	68.20	-15.03
15780.00	Average	25.72	21.74	47.46	54.00	-6.54
15780.00	Peak	34.27	21.74	56.02	74.00	-17.98

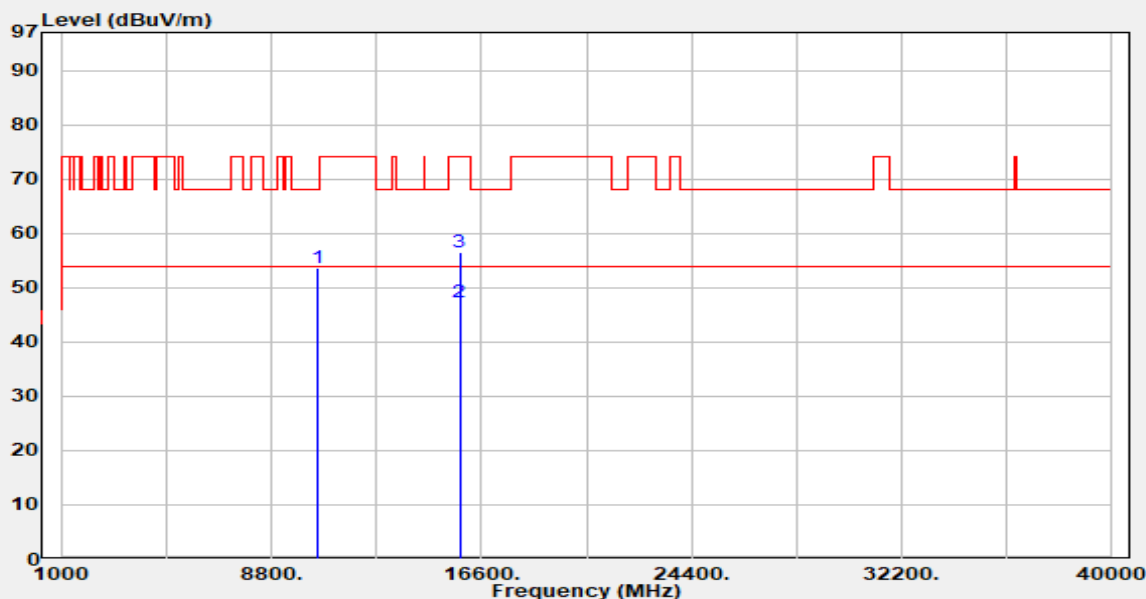
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Report Number :ER/2021/C0049
Operation Mode :802.11a
Test Frequency :5260 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Horizontal
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10520.00	Peak	33.84	19.92	53.75	68.20	-14.45
15780.00	Average	25.48	21.74	47.22	54.00	-6.78
15780.00	Peak	34.67	21.74	56.41	74.00	-17.59

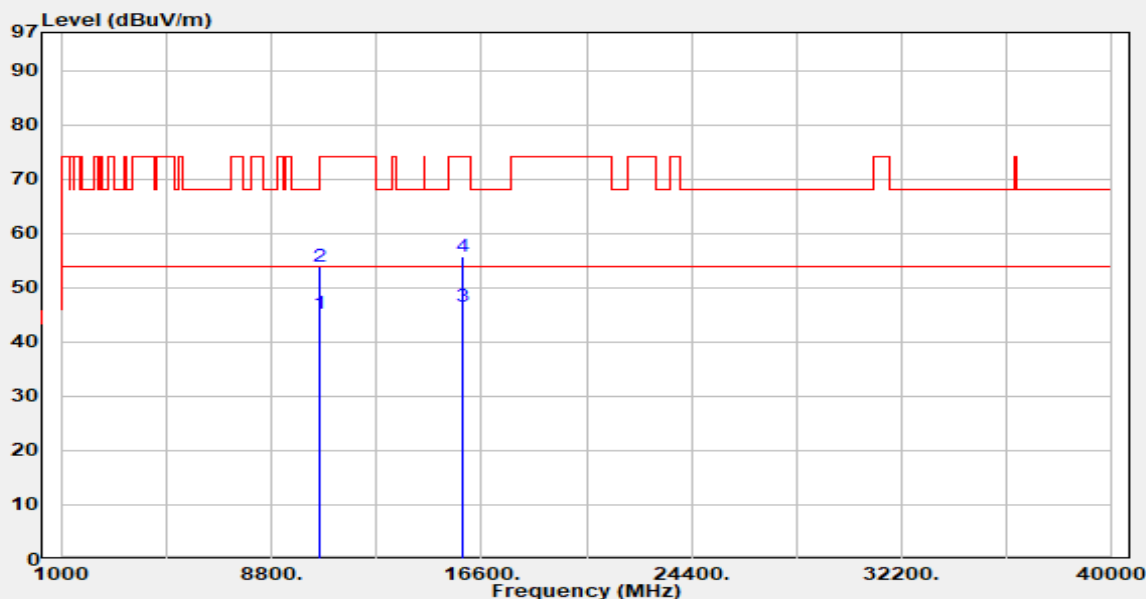
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5300 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10600.00	Average	25.22	19.99	45.21	54.00	-8.79
10600.00	Peak	33.86	19.99	53.86	74.00	-20.14
15900.00	Average	25.66	20.90	46.56	54.00	-7.44
15900.00	Peak	34.76	20.90	55.66	74.00	-18.34

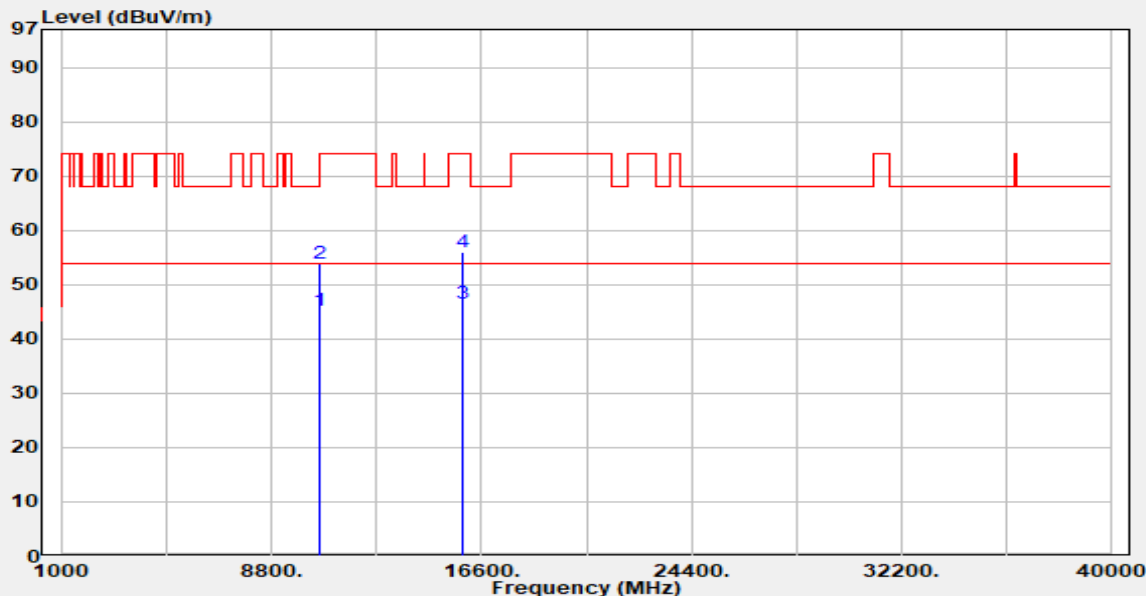
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5300 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10600.00	Average	25.21	19.99	45.20	54.00	-8.80
10600.00	Peak	33.98	19.99	53.97	74.00	-20.03
15900.00	Average	25.67	20.90	46.57	54.00	-7.43
15900.00	Peak	35.08	20.90	55.98	74.00	-18.02

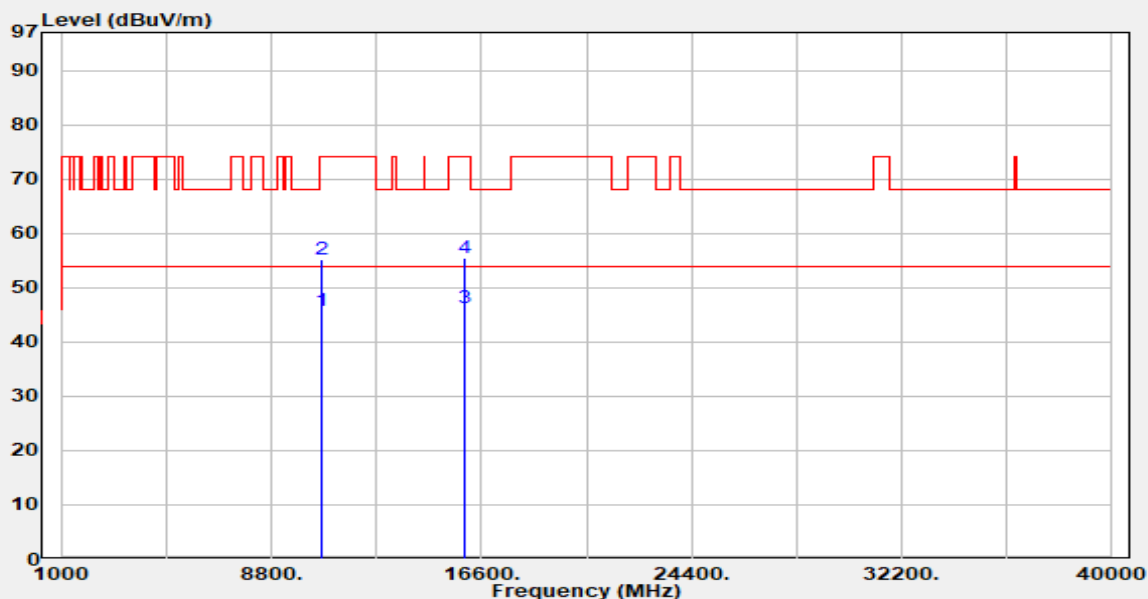
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5320 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10640.00	Average	25.59	20.18	45.77	54.00	-8.23
10640.00	Peak	35.07	20.18	55.25	74.00	-18.75
15960.00	Average	25.56	20.66	46.22	54.00	-7.78
15960.00	Peak	34.76	20.66	55.41	74.00	-18.59

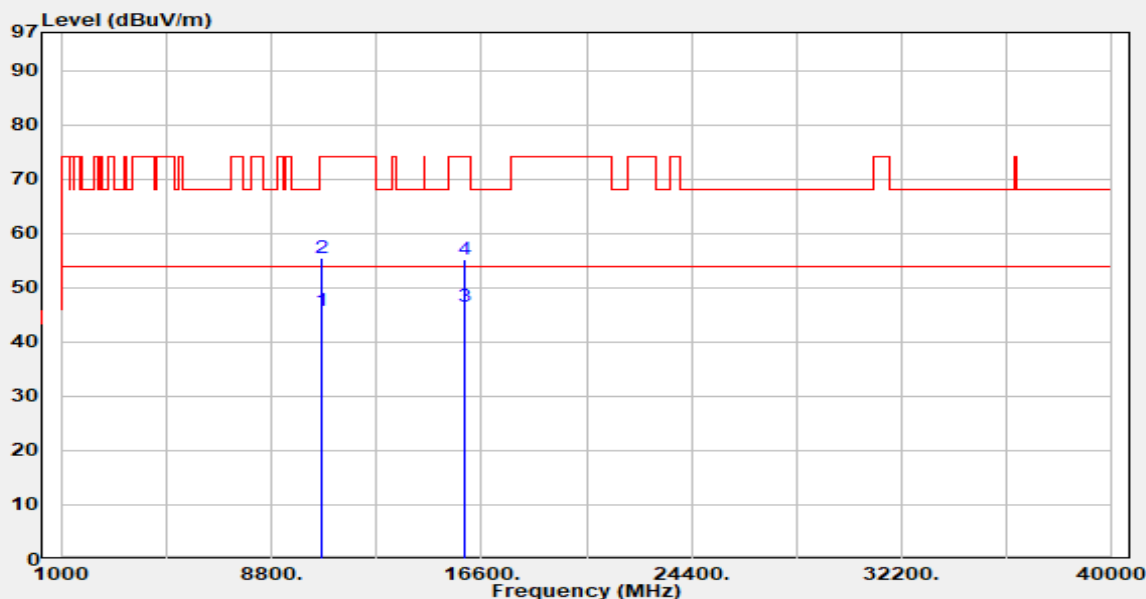
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Report Number :ER/2021/C0049
Operation Mode :802.11a
Test Frequency :5320 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Horizontal
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10640.00	Average	25.57	20.18	45.75	54.00	-8.25
10640.00	Peak	35.30	20.18	55.48	74.00	-18.52
15960.00	Average	25.78	20.66	46.44	54.00	-7.56
15960.00	Peak	34.49	20.66	55.15	74.00	-18.85

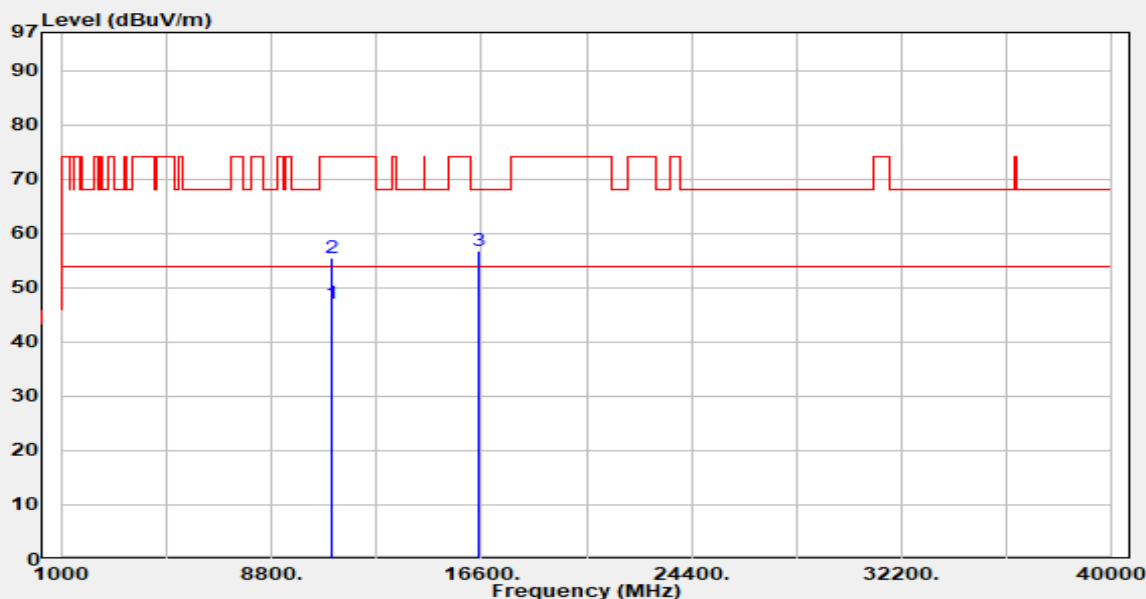
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Report Number :ER/2021/C0049
Operation Mode :802.11a
Test Frequency :5500 MHZ
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Vertical
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11000.00	Average	24.78	22.17	46.95	54.00	-7.05
11000.00	Peak	33.33	22.17	55.50	74.00	-18.50
16500.00	Peak	33.79	23.07	56.86	68.20	-11.34

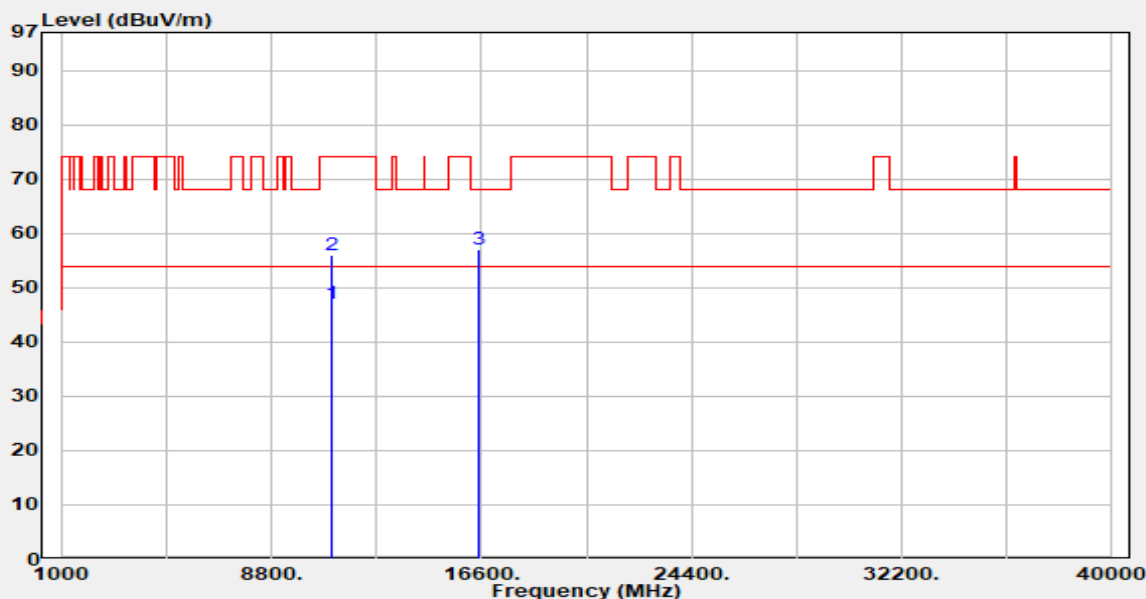
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5500 MHZ
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11000.00	Average	24.80	22.17	46.97	54.00	-7.03
11000.00	Peak	33.73	22.17	55.90	74.00	-18.10
16500.00	Peak	34.09	23.07	57.16	68.20	-11.04

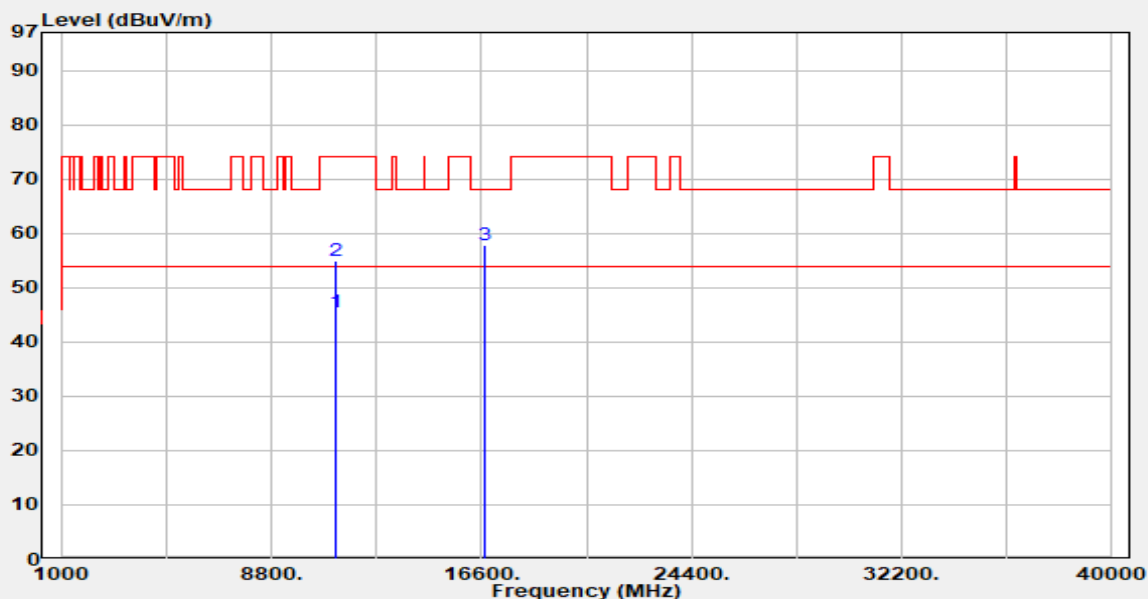
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Report Number :ER/2021/C0049
Operation Mode :802.11a
Test Frequency :5580 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Vertical
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11160.00	Average	24.62	20.86	45.48	54.00	-8.52
11160.00	Peak	34.18	20.86	55.05	74.00	-18.95
16740.00	Peak	33.14	24.74	57.89	68.20	-10.31

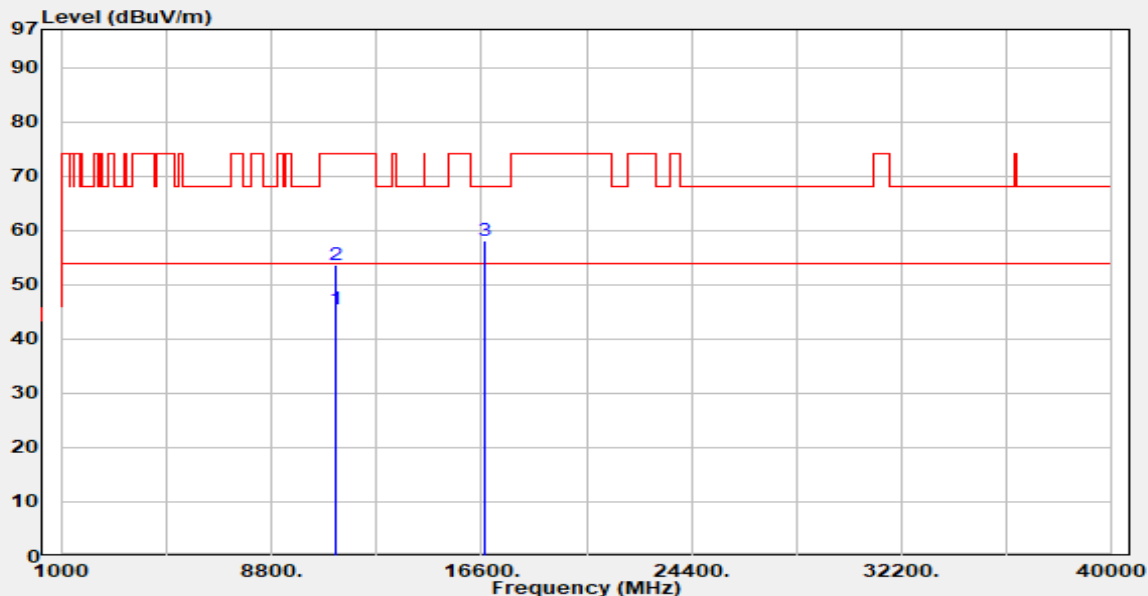
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Report Number :ER/2021/C0049
Operation Mode :802.11a
Test Frequency :5580 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Horizontal
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11160.00	Average	24.60	20.86	45.46	54.00	-8.54
11160.00	Peak	32.73	20.86	53.59	74.00	-20.41
16740.00	Peak	33.36	24.74	58.10	68.20	-10.10

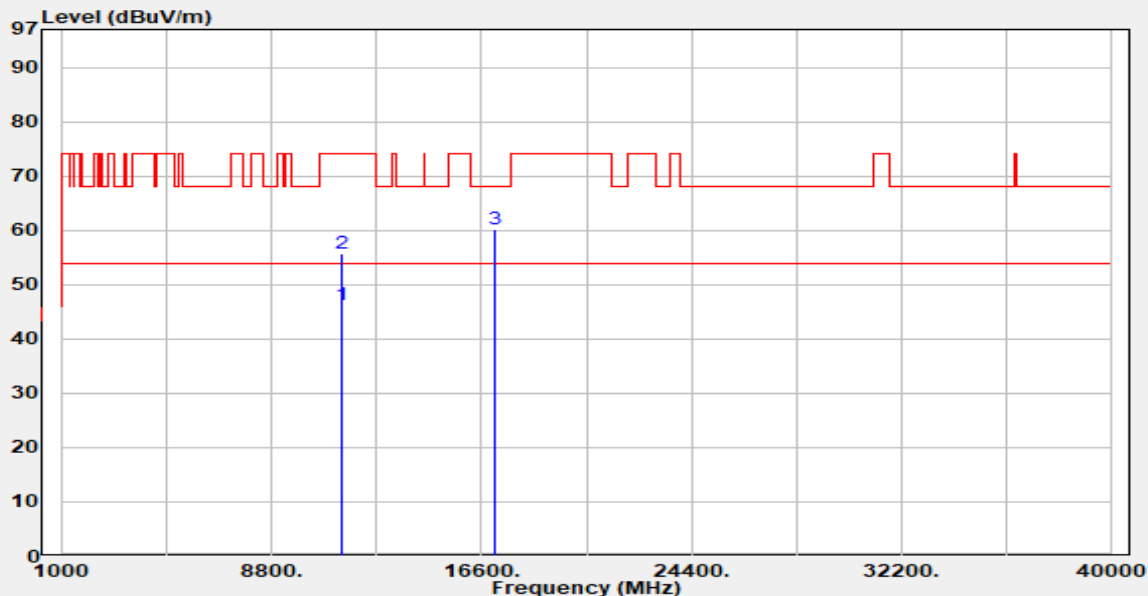
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5700 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11400.00	Average	24.44	21.74	46.18	54.00	-7.82
11400.00	Peak	34.06	21.74	55.80	74.00	-18.20
17100.00	Peak	33.81	26.33	60.14	68.20	-8.06

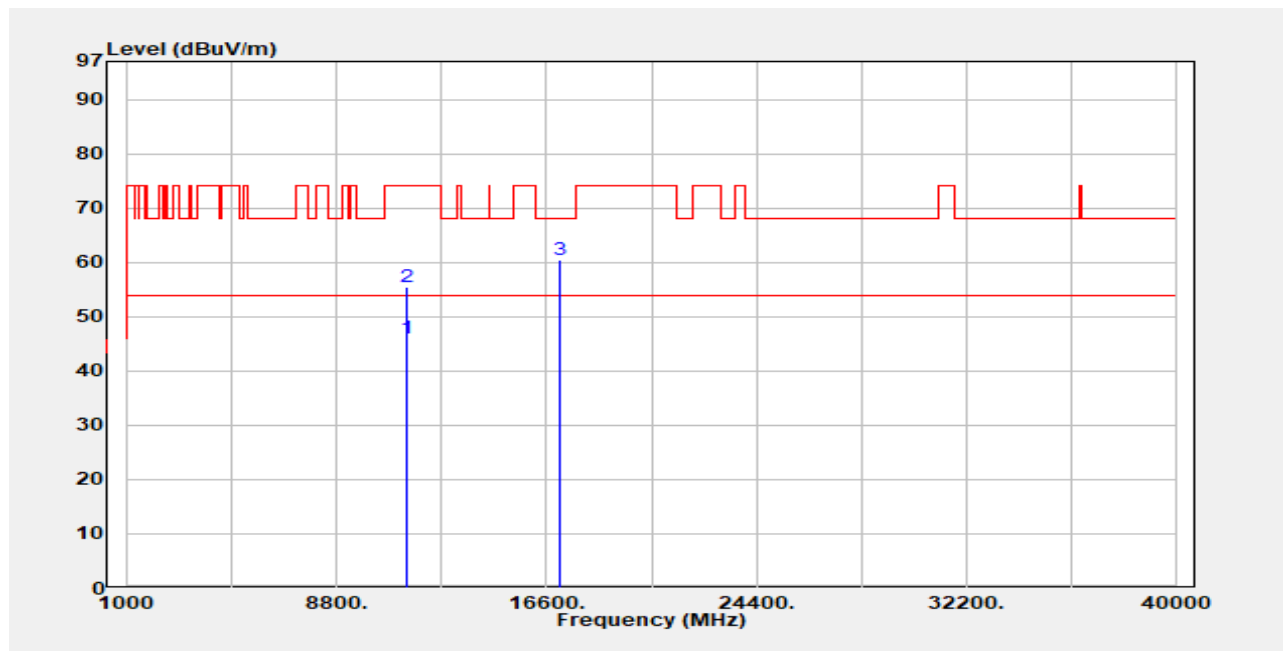
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Report Number :ER/2021/C0049
Operation Mode :802.11a
Test Frequency :5700 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Horizontal
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11400.00	Average	24.38	21.74	46.12	54.00	-7.88
11400.00	Peak	33.81	21.74	55.55	74.00	-18.45
17100.00	Peak	34.17	26.33	60.50	68.20	-7.70

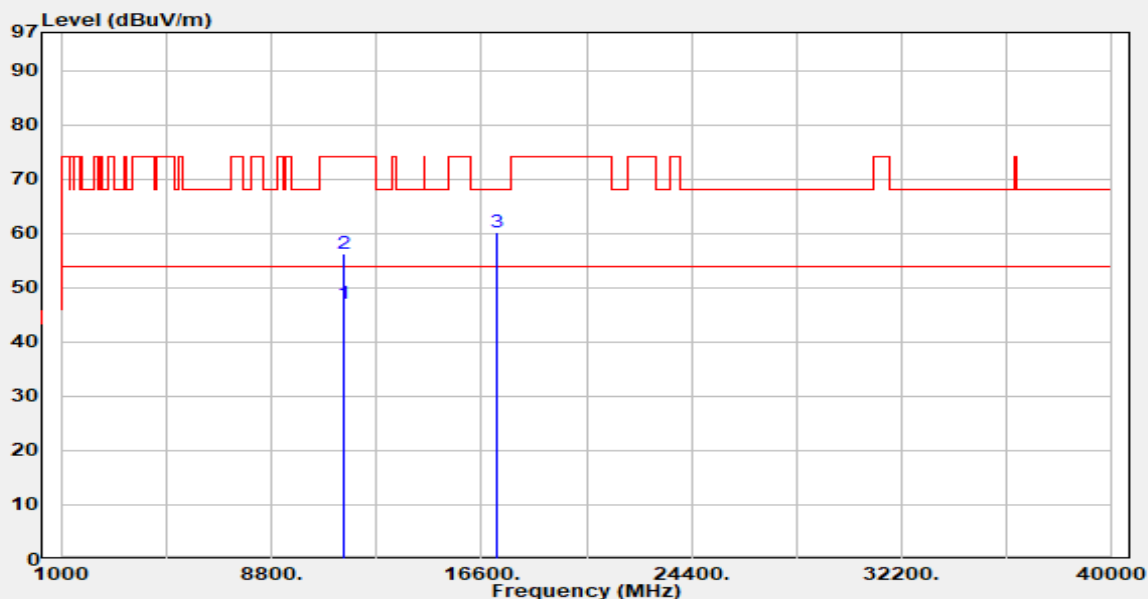
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5720 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11440.00	Average	24.72	22.26	46.98	54.00	-7.02
11440.00	Peak	34.12	22.26	56.38	74.00	-17.62
17160.00	Peak	34.47	25.76	60.23	68.20	-7.97

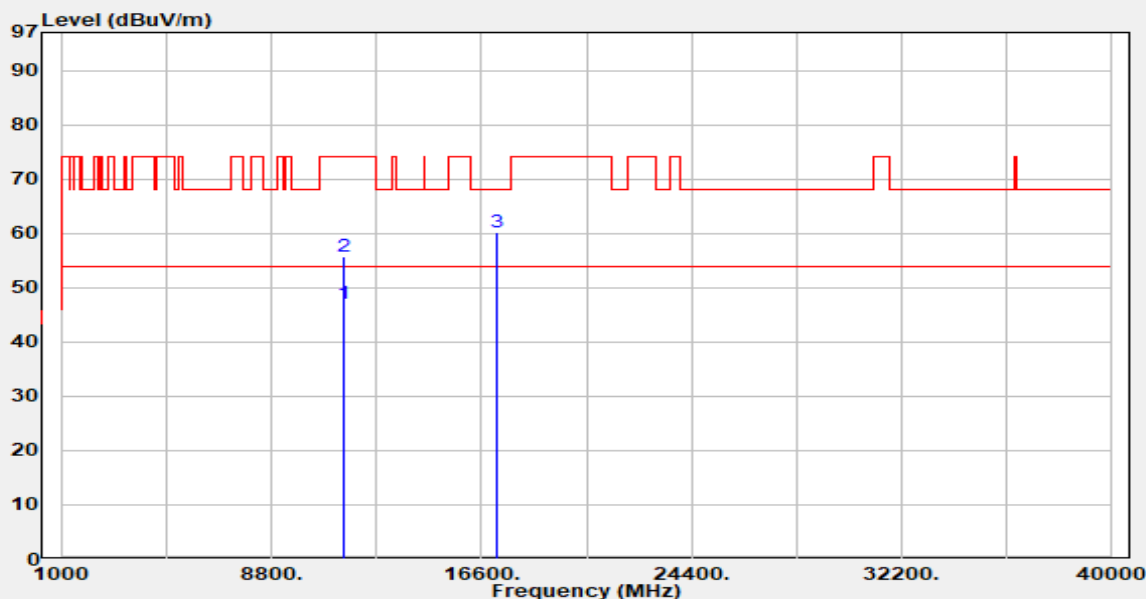
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5720 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11440.00	Average	24.75	22.26	47.01	54.00	-6.99
11440.00	Peak	33.38	22.26	55.64	74.00	-18.36
17160.00	Peak	34.46	25.76	60.23	68.20	-7.97

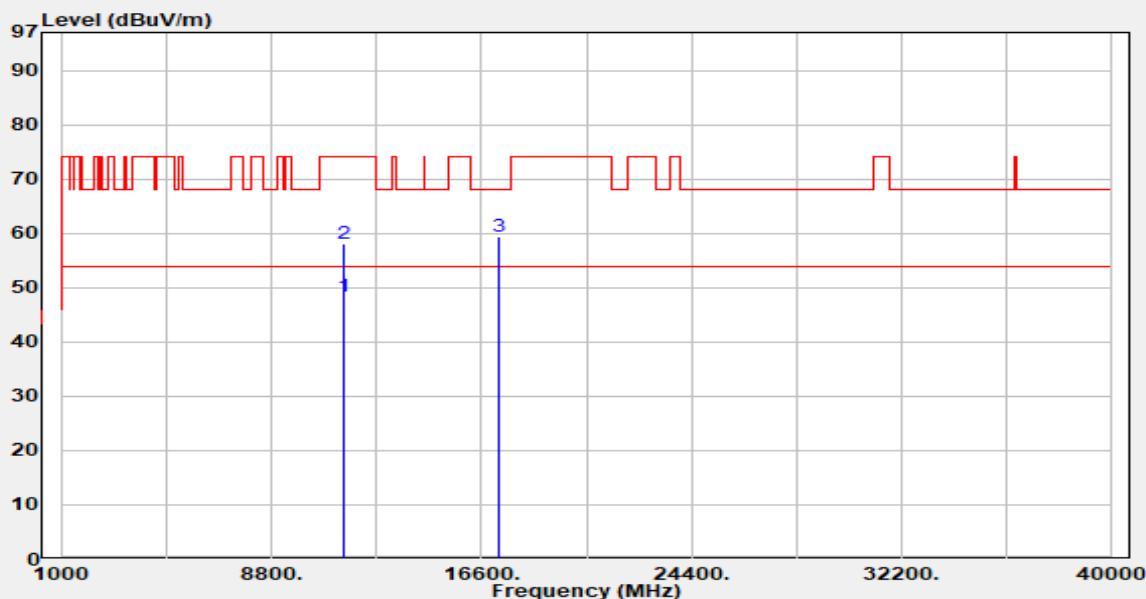
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Report Number :ER/2021/C0049
Operation Mode :802.11a
Test Frequency :5745 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Vertical
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11490.00	Average	24.79	23.45	48.24	54.00	-5.76
11490.00	Peak	34.64	23.45	58.09	74.00	-15.91
17235.00	Peak	33.80	25.71	59.51	68.20	-8.69

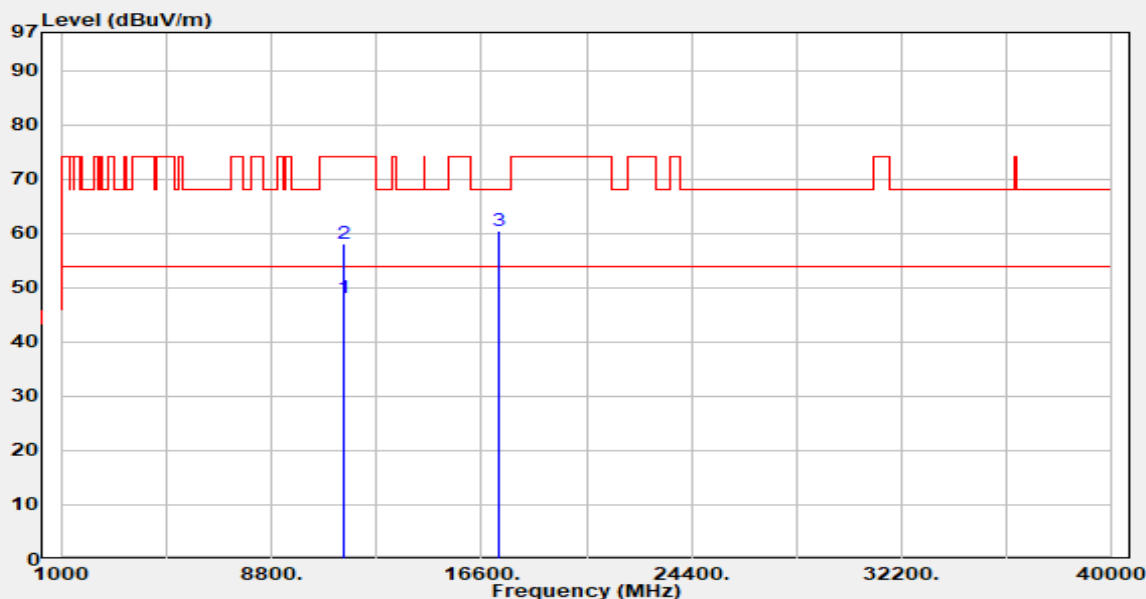
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5745 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11490.00	Average	24.78	23.45	48.23	54.00	-5.77
11490.00	Peak	34.67	23.45	58.12	74.00	-15.88
17235.00	Peak	34.83	25.71	60.54	68.20	-7.66

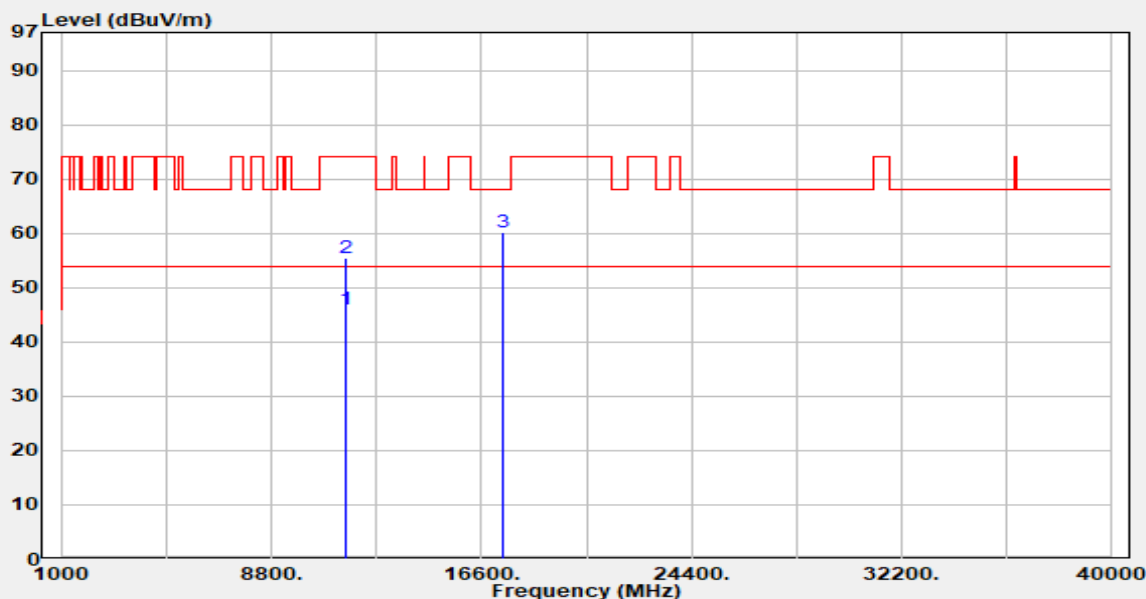
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Report Number :ER/2021/C0049
Operation Mode :802.11a
Test Frequency :5785 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Vertical
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11570.00	Average	24.58	21.42	46.00	54.00	-8.00
11570.00	Peak	34.06	21.42	55.48	74.00	-18.52
17355.00	Peak	33.33	26.78	60.11	68.20	-8.09

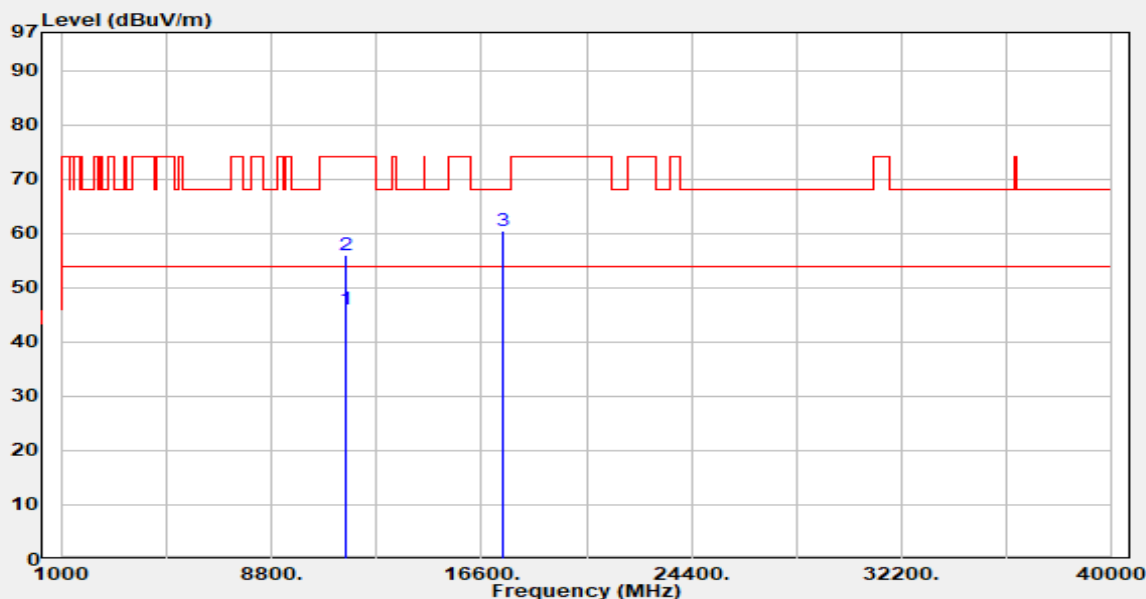
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Report Number :ER/2021/C0049
Operation Mode :802.11a
Test Frequency :5785 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Horizontal
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11570.00	Average	24.63	21.42	46.05	54.00	-7.95
11570.00	Peak	34.55	21.42	55.96	74.00	-18.04
17355.00	Peak	33.65	26.78	60.43	68.20	-7.77

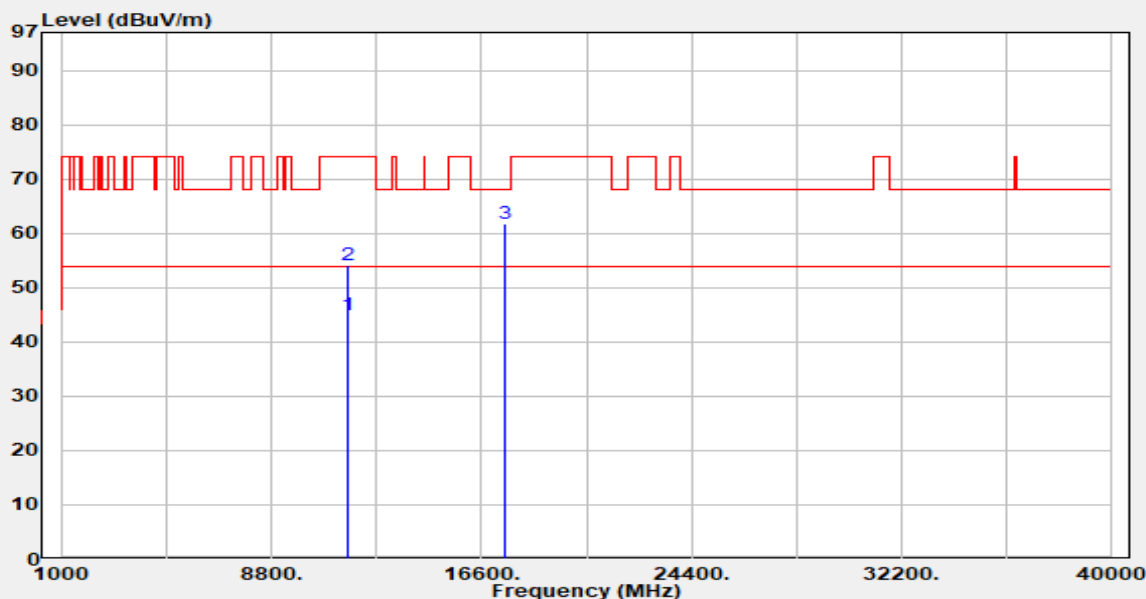
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Report Number :ER/2021/C0049
Operation Mode :802.11a
Test Frequency :5825 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Vertical
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11650.00	Average	24.31	20.72	45.03	54.00	-8.97
11650.00	Peak	33.42	20.72	54.14	74.00	-19.86
17475.00	Peak	34.09	27.65	61.74	68.20	-6.46

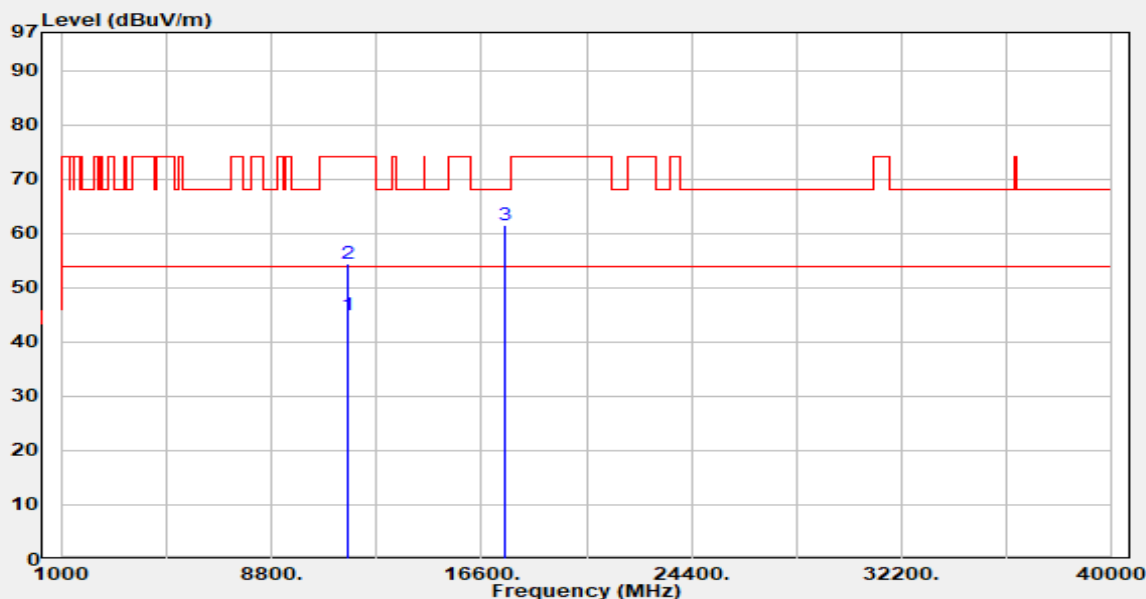
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Report Number :ER/2021/C0049
Operation Mode :802.11a
Test Frequency :5825 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Horizontal
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11650.00	Average	24.25	20.72	44.97	54.00	-9.03
11650.00	Peak	33.67	20.72	54.39	74.00	-19.61
17475.00	Peak	33.91	27.65	61.56	68.20	-6.64

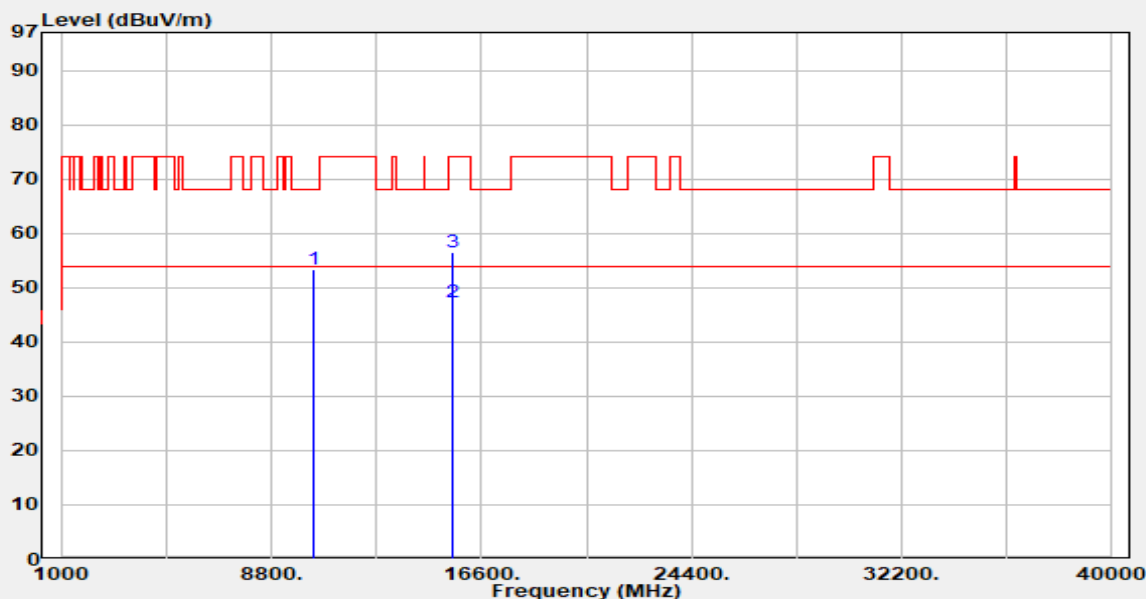
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5180 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10360.00	Peak	33.89	19.42	53.31	68.20	-14.89
15540.00	Average	24.70	22.50	47.20	54.00	-6.80
15540.00	Peak	34.11	22.50	56.61	74.00	-17.39

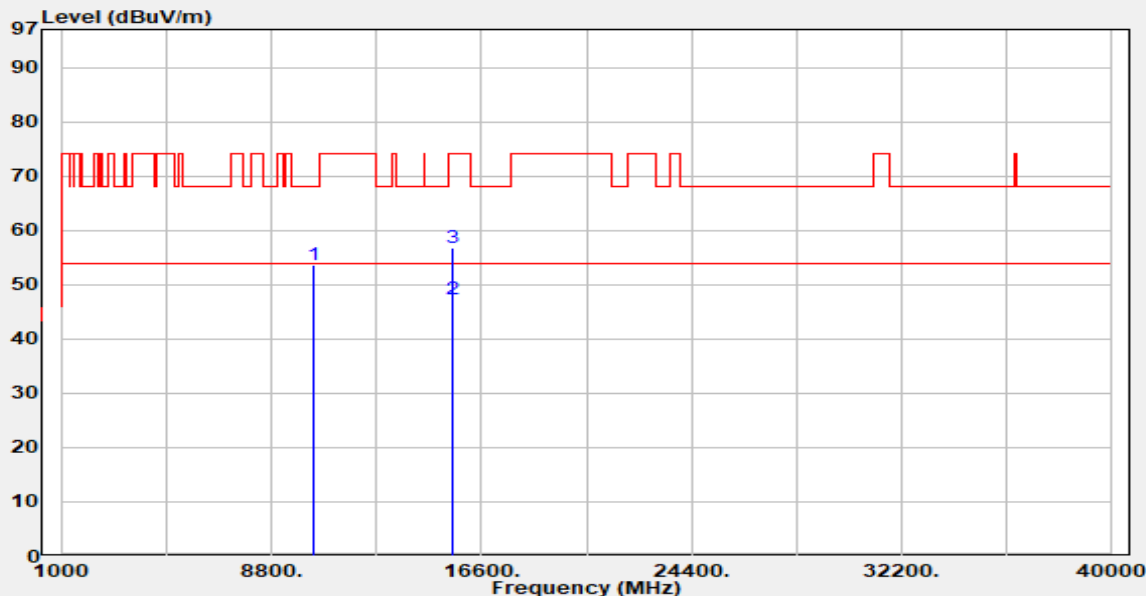
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5180 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



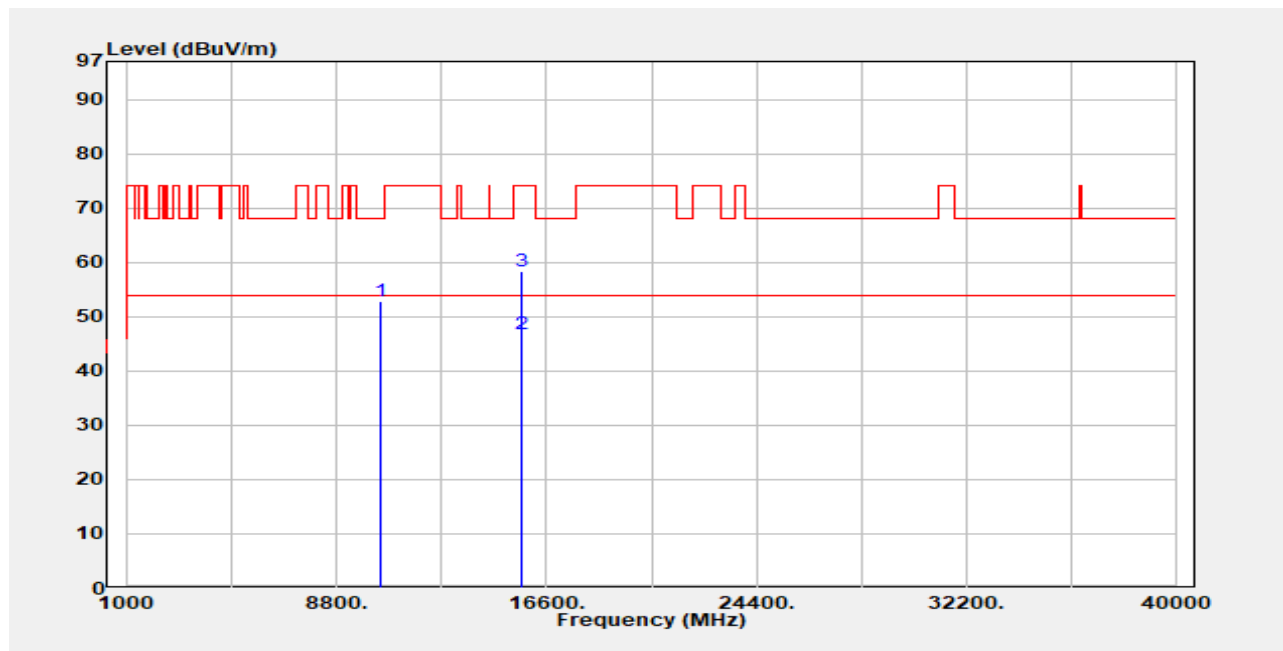
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10360.00	Peak	34.31	19.42	53.72	68.20	-14.48
15540.00	Average	24.70	22.50	47.20	54.00	-6.80
15540.00	Peak	34.41	22.50	56.90	74.00	-17.10

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Report Number :ER/2021/C0049
Operation Mode :802.11n20
Test Frequency :5220 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Vertical
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10440.00	Peak	33.49	19.25	52.75	68.20	-15.45
15660.00	Average	25.02	21.82	46.84	54.00	-7.16
15660.00	Peak	36.57	21.82	58.39	74.00	-15.61

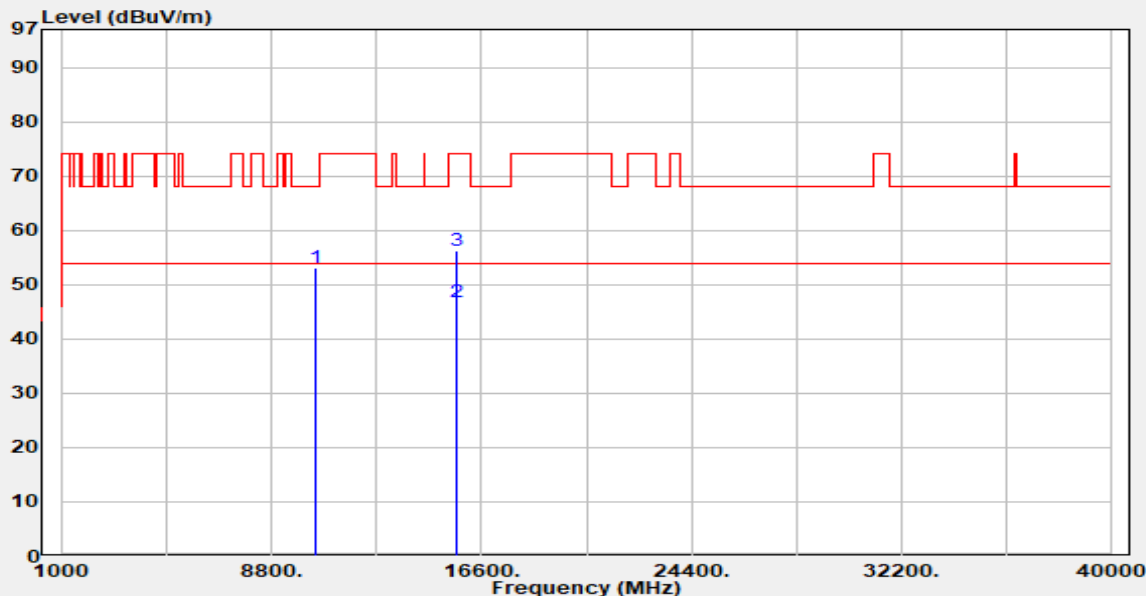
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5220 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



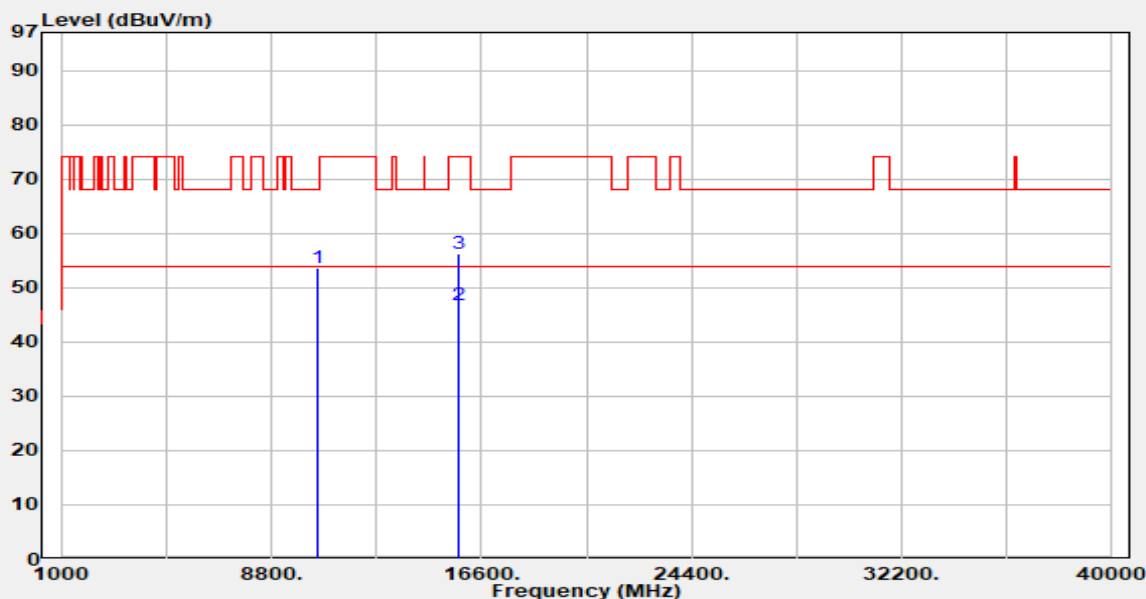
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10440.00	Peak	33.72	19.25	52.97	68.20	-15.23
15660.00	Average	24.98	21.82	46.80	54.00	-7.20
15660.00	Peak	34.50	21.82	56.32	74.00	-17.68

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Report Number :ER/2021/C0049
Operation Mode :802.11n20
Test Frequency :5240 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Vertical
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10480.00	Peak	33.63	20.01	53.64	68.20	-14.56
15720.00	Average	25.17	21.53	46.70	54.00	-7.30
15720.00	Peak	34.81	21.53	56.34	74.00	-17.66

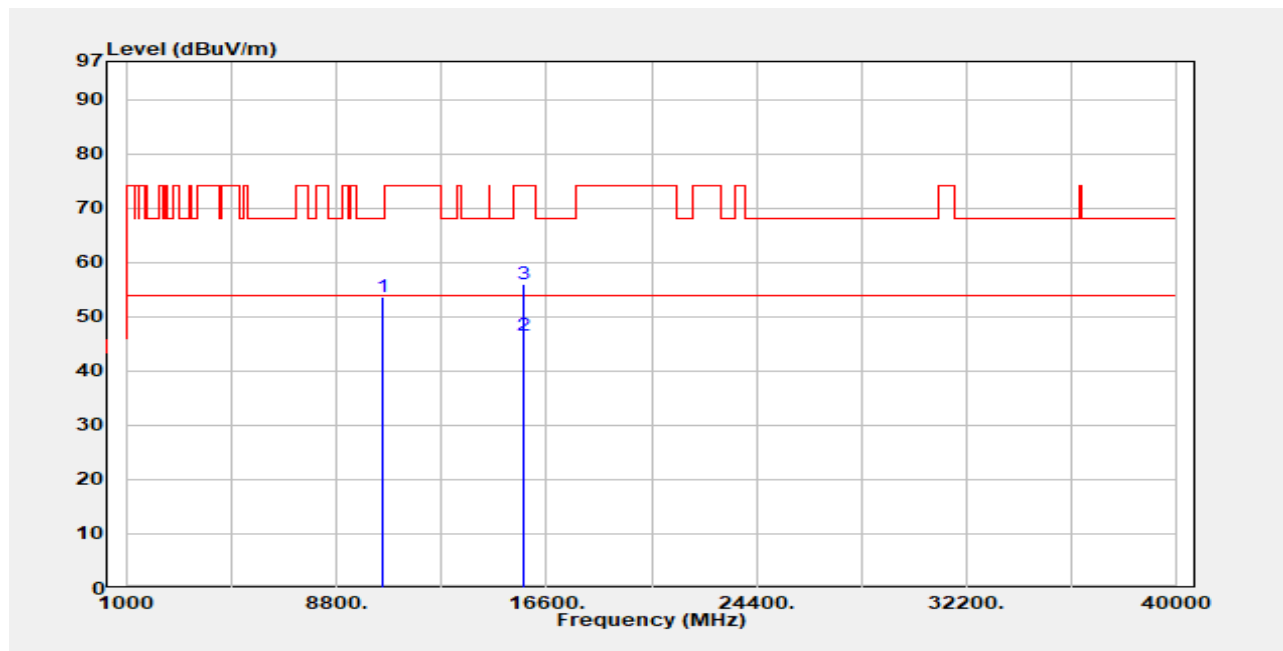
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Report Number :ER/2021/C0049
Operation Mode :802.11n20
Test Frequency :5240 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Horizontal
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10480.00	Peak	33.53	20.01	53.53	68.20	-14.67
15720.00	Average	25.09	21.53	46.62	54.00	-7.38
15720.00	Peak	34.46	21.53	55.98	74.00	-18.02

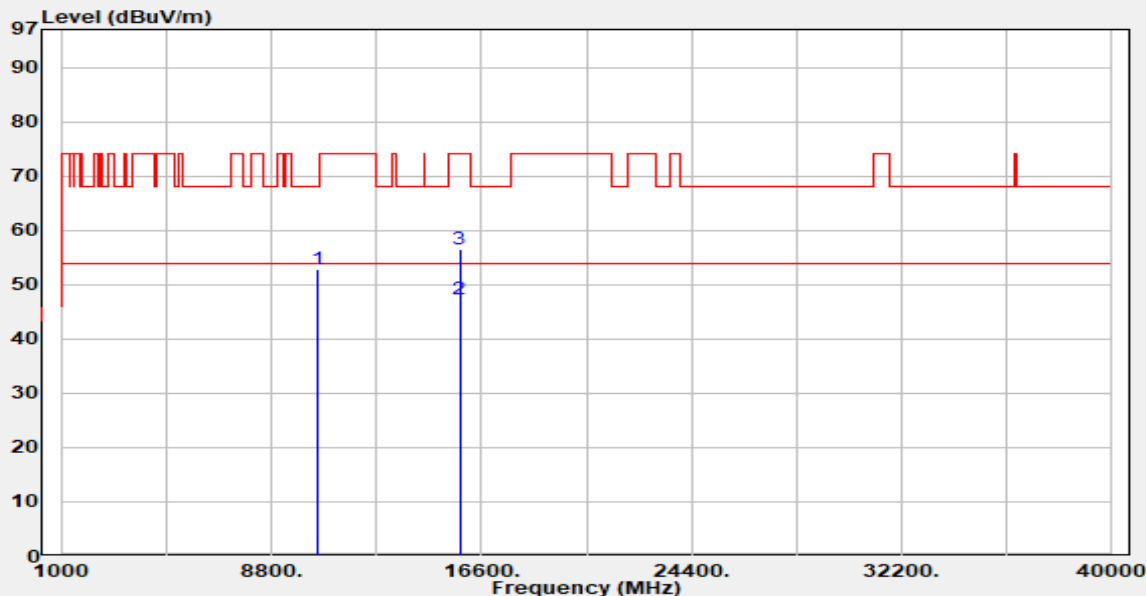
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5260 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10520.00	Peak	32.91	19.92	52.82	68.20	-15.38
15780.00	Average	25.59	21.74	47.33	54.00	-6.67
15780.00	Peak	34.78	21.74	56.52	74.00	-17.48

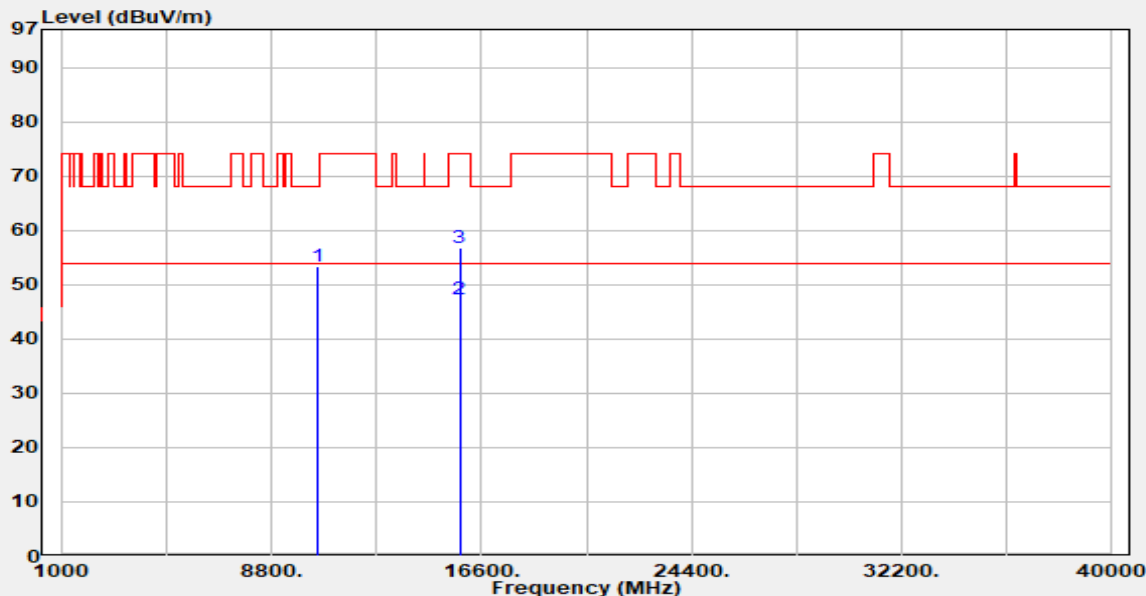
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Report Number :ER/2021/C0049
Operation Mode :802.11n20
Test Frequency :5260 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Horizontal
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10520.00	Peak	33.36	19.92	53.28	68.20	-14.92
15780.00	Average	25.51	21.74	47.25	54.00	-6.75
15780.00	Peak	35.07	21.74	56.81	74.00	-17.19

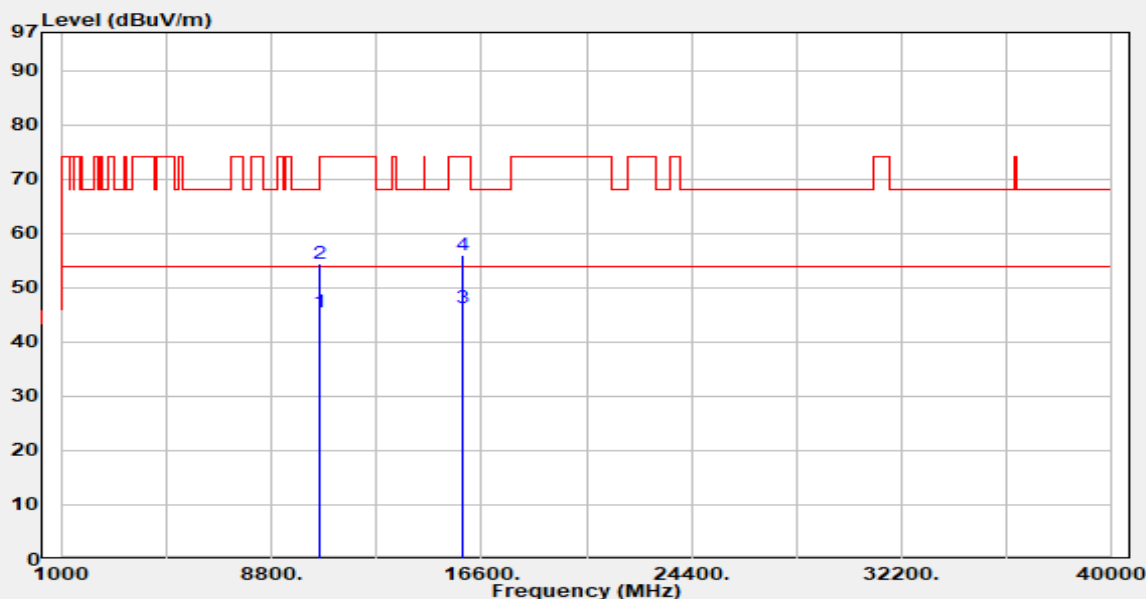
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Report Number :ER/2021/C0049
Operation Mode :802.11n20
Test Frequency :5300 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Vertical
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10600.00	Average	25.39	19.99	45.38	54.00	-8.62
10600.00	Peak	34.30	19.99	54.30	74.00	-19.70
15900.00	Average	25.46	20.90	46.36	54.00	-7.64
15900.00	Peak	35.09	20.90	55.99	74.00	-18.01

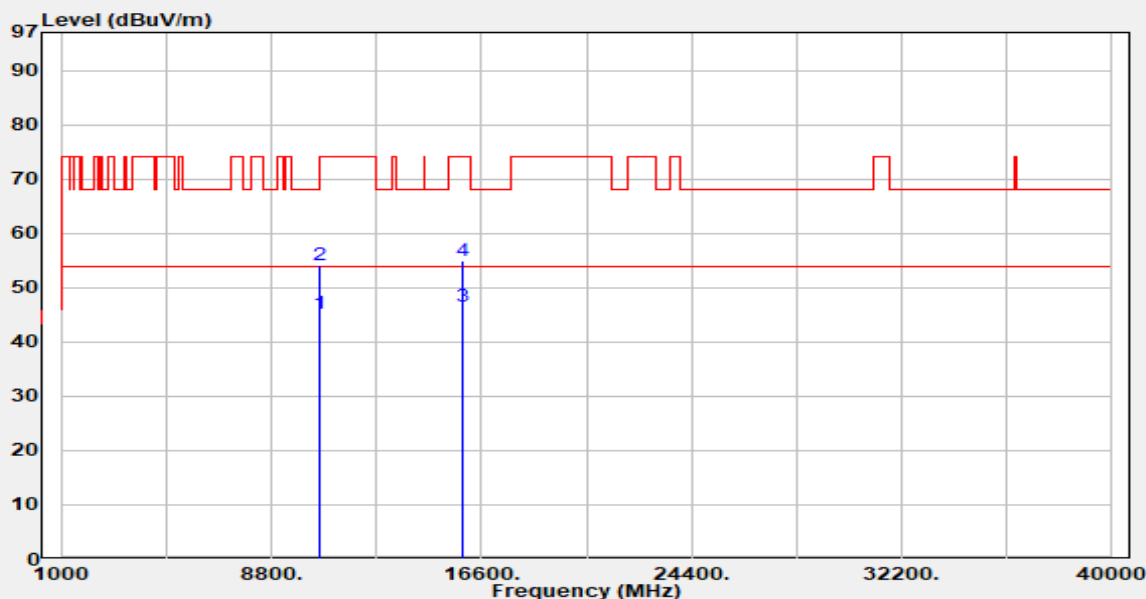
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5300 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10600.00	Average	25.30	19.99	45.29	54.00	-8.71
10600.00	Peak	34.16	19.99	54.15	74.00	-19.85
15900.00	Average	25.52	20.90	46.42	54.00	-7.58
15900.00	Peak	34.03	20.90	54.93	74.00	-19.07

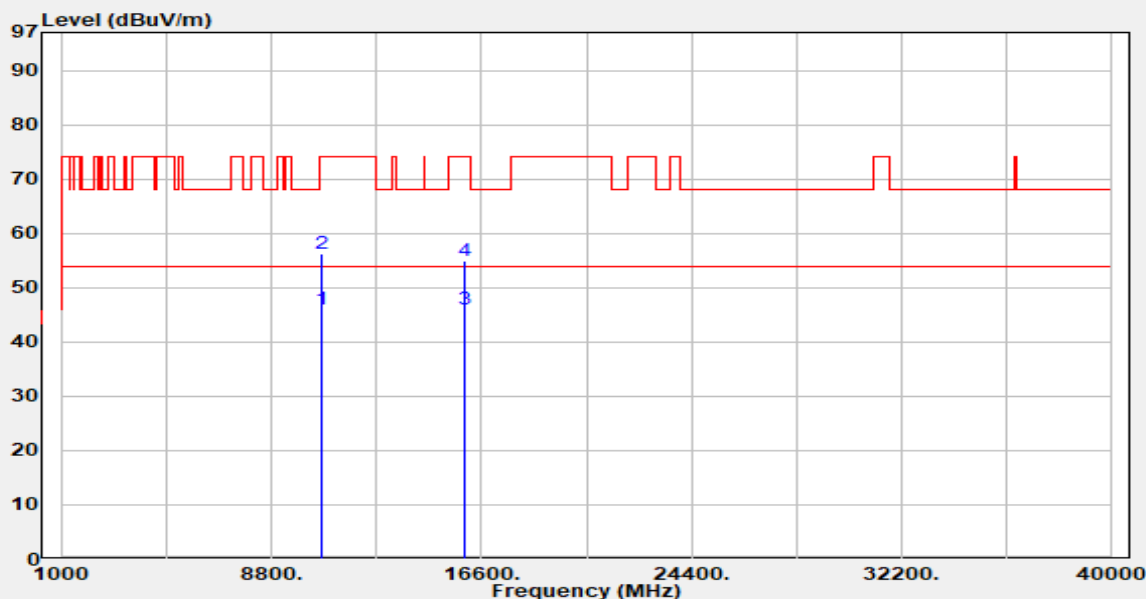
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Report Number :ER/2021/C0049
Operation Mode :802.11n20
Test Frequency :5320 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Vertical
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10640.00	Average	25.78	20.18	45.96	54.00	-8.04
10640.00	Peak	36.09	20.18	56.27	74.00	-17.73
15960.00	Average	25.28	20.66	45.94	54.00	-8.06
15960.00	Peak	34.26	20.66	54.91	74.00	-19.09

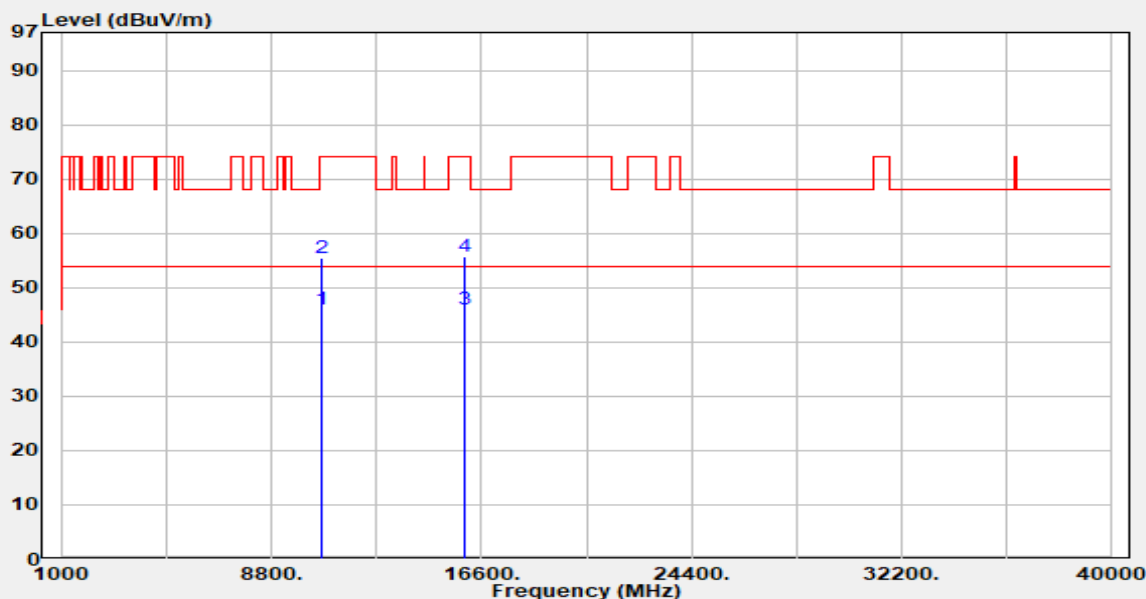
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Report Number :ER/2021/C0049
Operation Mode :802.11n20
Test Frequency :5320 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Horizontal
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10640.00	Average	25.83	20.18	46.01	54.00	-7.99
10640.00	Peak	35.31	20.18	55.49	74.00	-18.51
15960.00	Average	25.42	20.66	46.08	54.00	-7.92
15960.00	Peak	34.95	20.66	55.60	74.00	-18.40

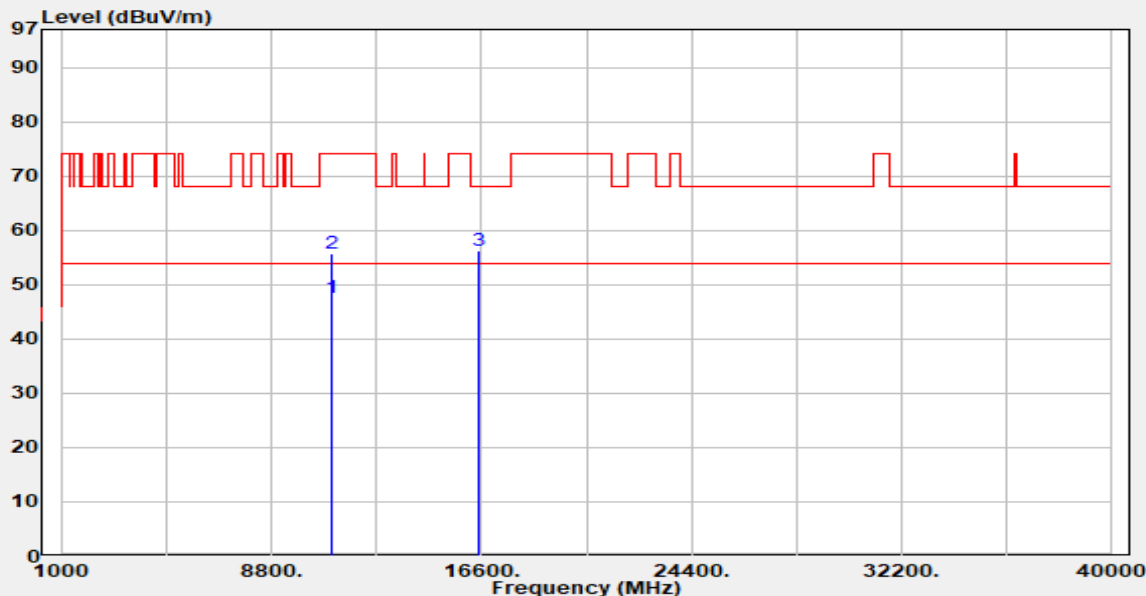
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5500 MHZ
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11000.00	Average	25.12	22.38	47.50	54.00	-6.50
11000.00	Peak	33.39	22.38	55.77	74.00	-18.23
16500.00	Peak	33.06	23.30	56.36	68.20	-11.84

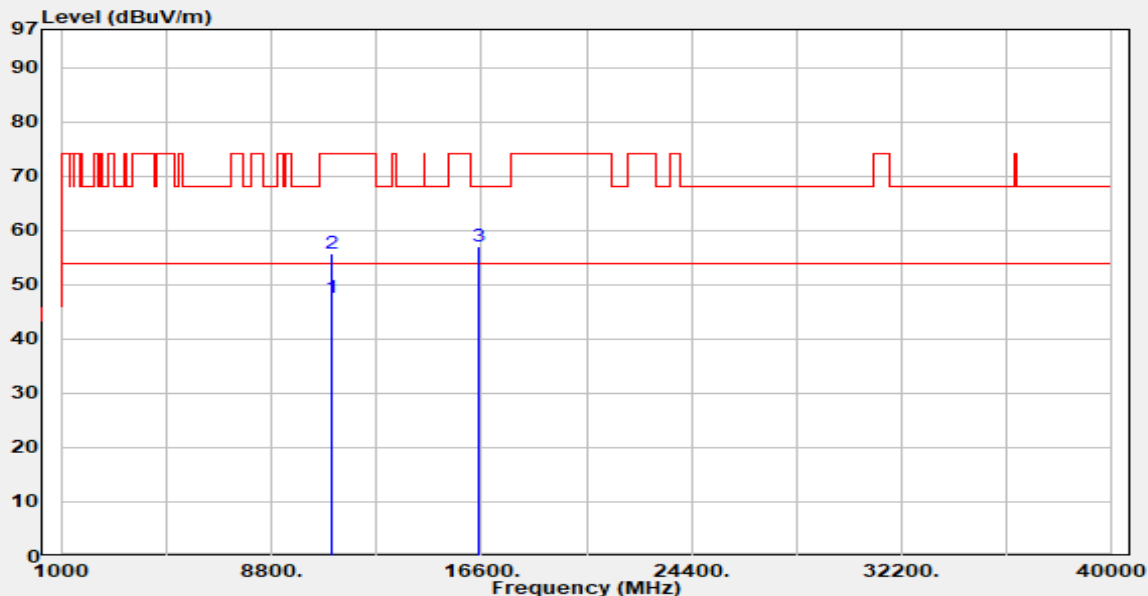
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5500 MHZ
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11000.00	Average	25.24	22.38	47.62	54.00	-6.38
11000.00	Peak	33.46	22.38	55.84	74.00	-18.16
16500.00	Peak	33.65	23.30	56.95	68.20	-11.25

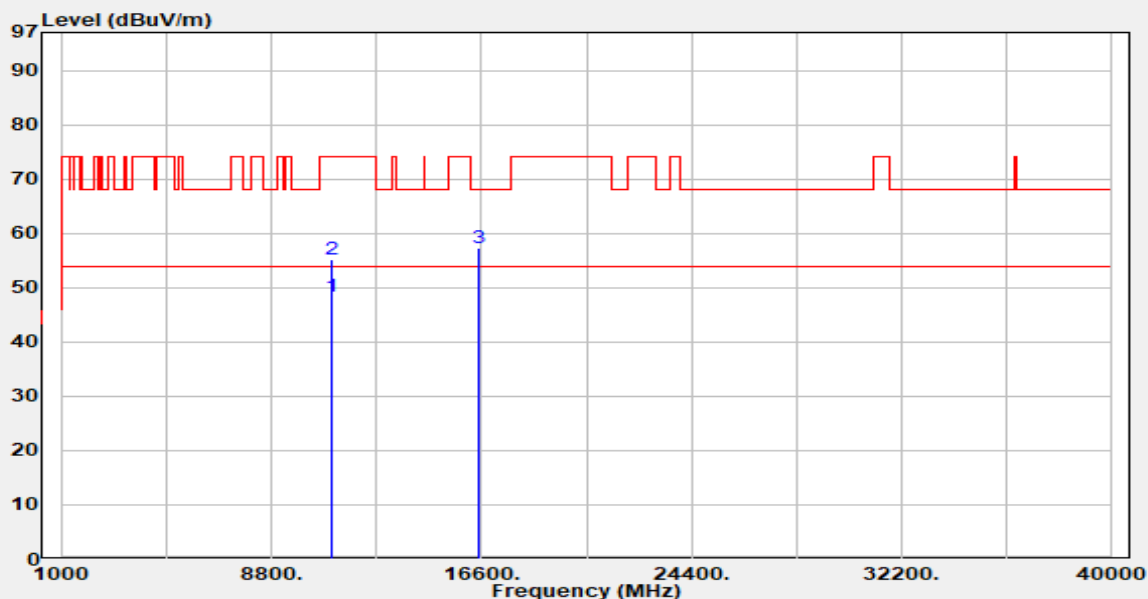
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5580 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11000.00	Average	25.87	22.38	48.25	54.00	-5.75
11000.00	Peak	32.93	22.38	55.31	74.00	-18.69
16500.00	Peak	33.88	23.30	57.18	68.20	-11.02

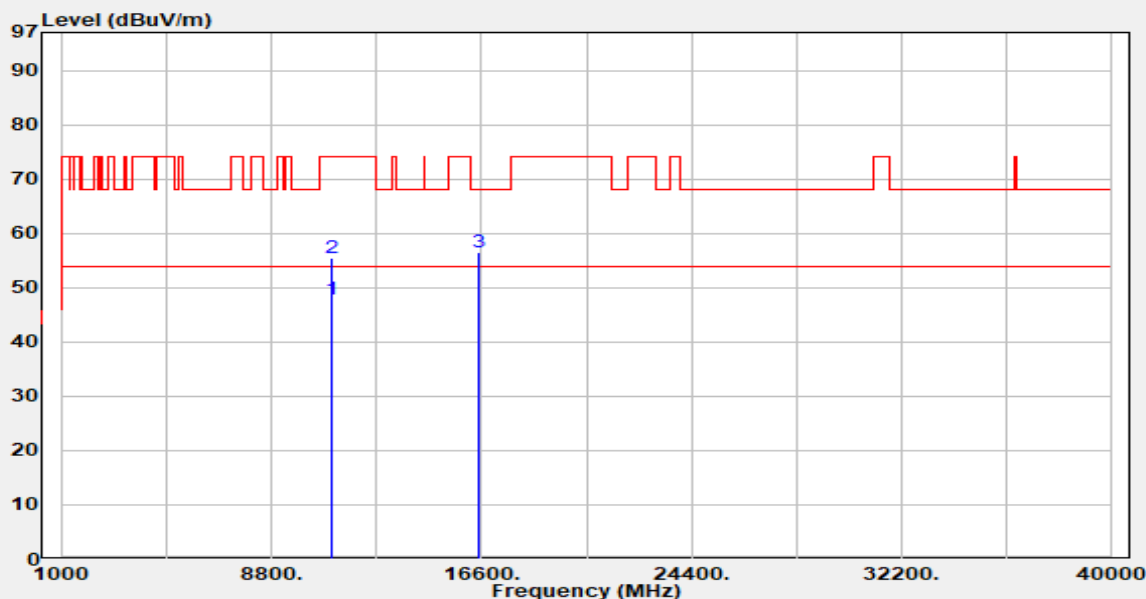
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5580 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11000.00	Average	25.59	22.38	47.97	54.00	-6.03
11000.00	Peak	33.18	22.38	55.56	74.00	-18.44
16500.00	Peak	33.26	23.30	56.56	68.20	-11.64

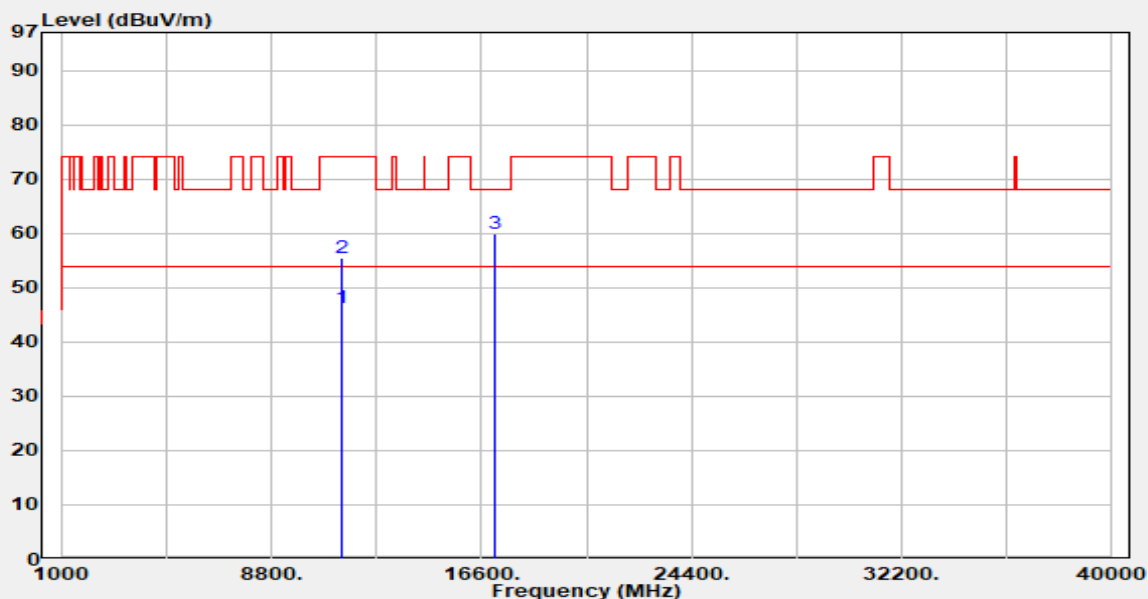
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5700 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11400.00	Average	24.49	21.90	46.38	54.00	-7.62
11400.00	Peak	33.56	21.90	55.46	74.00	-18.54
17100.00	Peak	33.52	26.50	60.02	68.20	-8.18

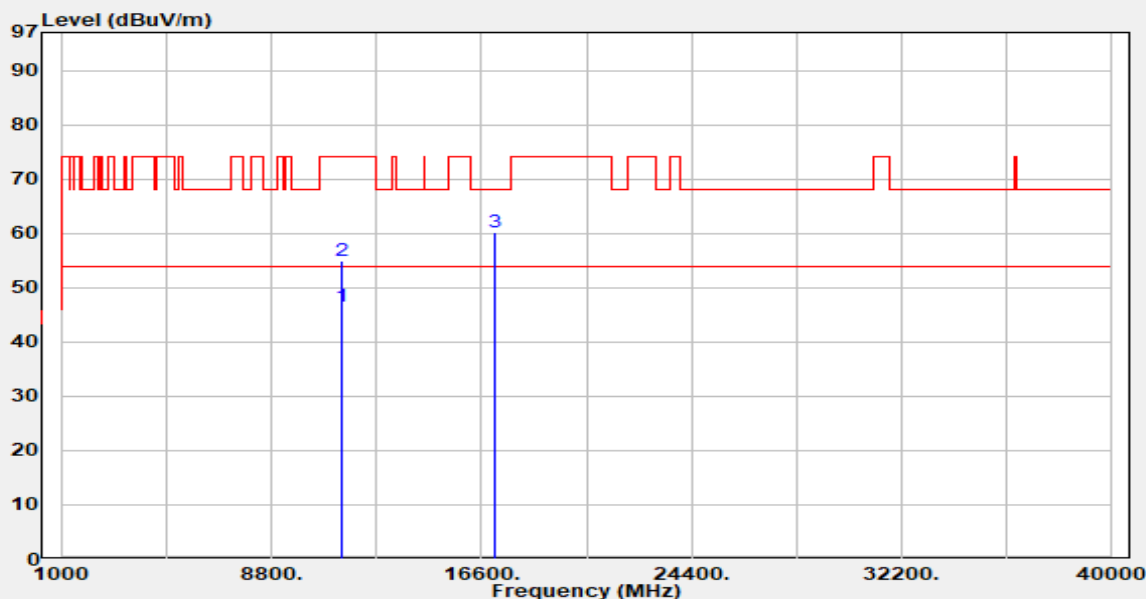
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Report Number :ER/2021/C0049
Operation Mode :802.11n20
Test Frequency :5700 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-30
Temp./Humi. :22.8/64
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11400.00	Average	24.65	21.90	46.55	54.00	-7.45
11400.00	Peak	33.09	21.90	54.98	74.00	-19.02
17100.00	Peak	33.67	26.50	60.17	68.20	-8.03

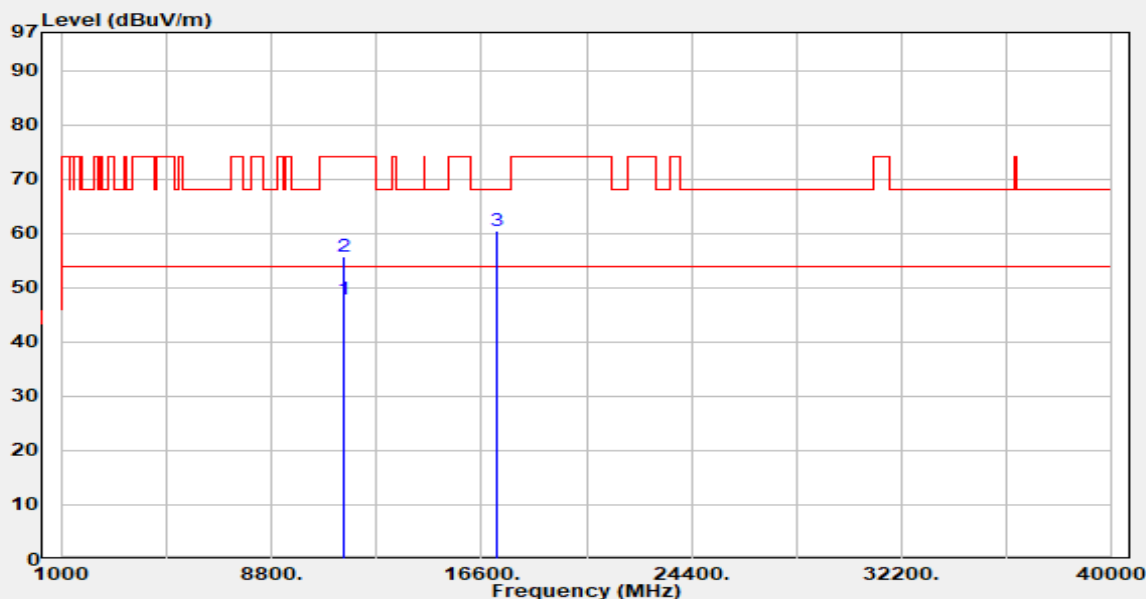
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Report Number :ER/2021/C0049
Operation Mode :802.11n20
Test Frequency :5720 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-30
Temp./Humi. :22.8/64
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11440.00	Average	25.21	22.60	47.81	54.00	-6.19
11440.00	Peak	33.17	22.60	55.78	74.00	-18.22
17160.00	Peak	34.55	25.91	60.46	68.20	-7.74

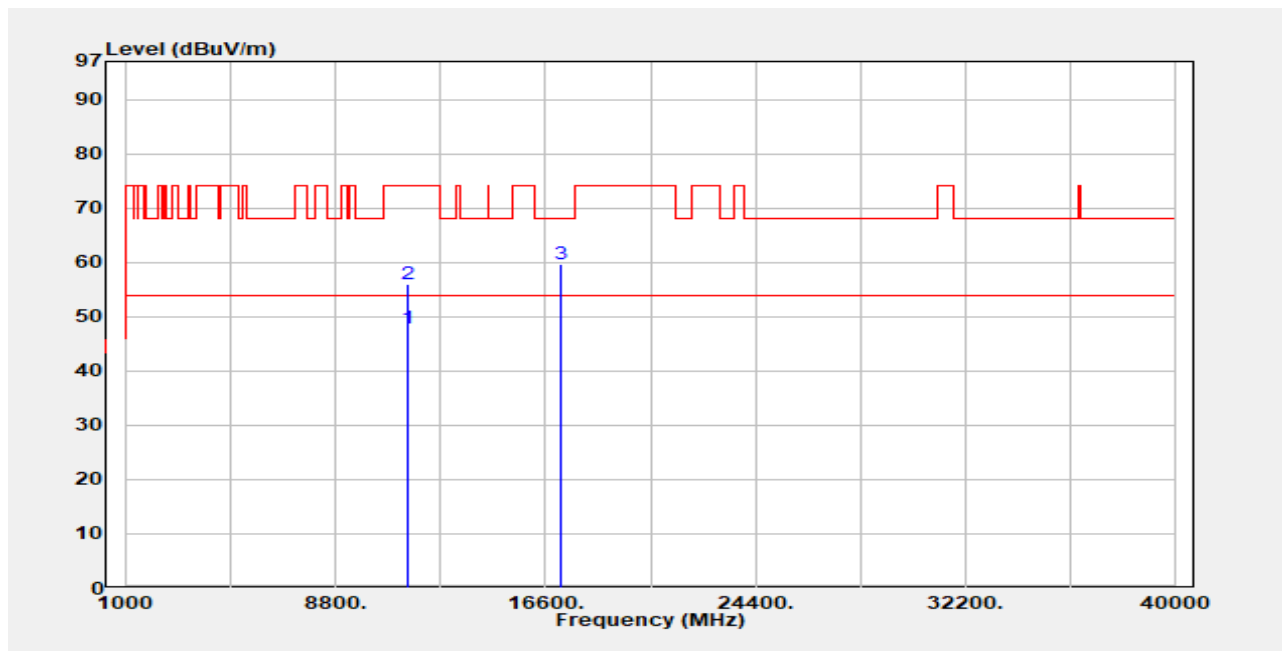
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5720 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11440.00	Average	25.18	22.60	47.79	54.00	-6.21
11440.00	Peak	33.47	22.60	56.07	74.00	-17.93
17160.00	Peak	33.79	25.91	59.70	68.20	-8.50

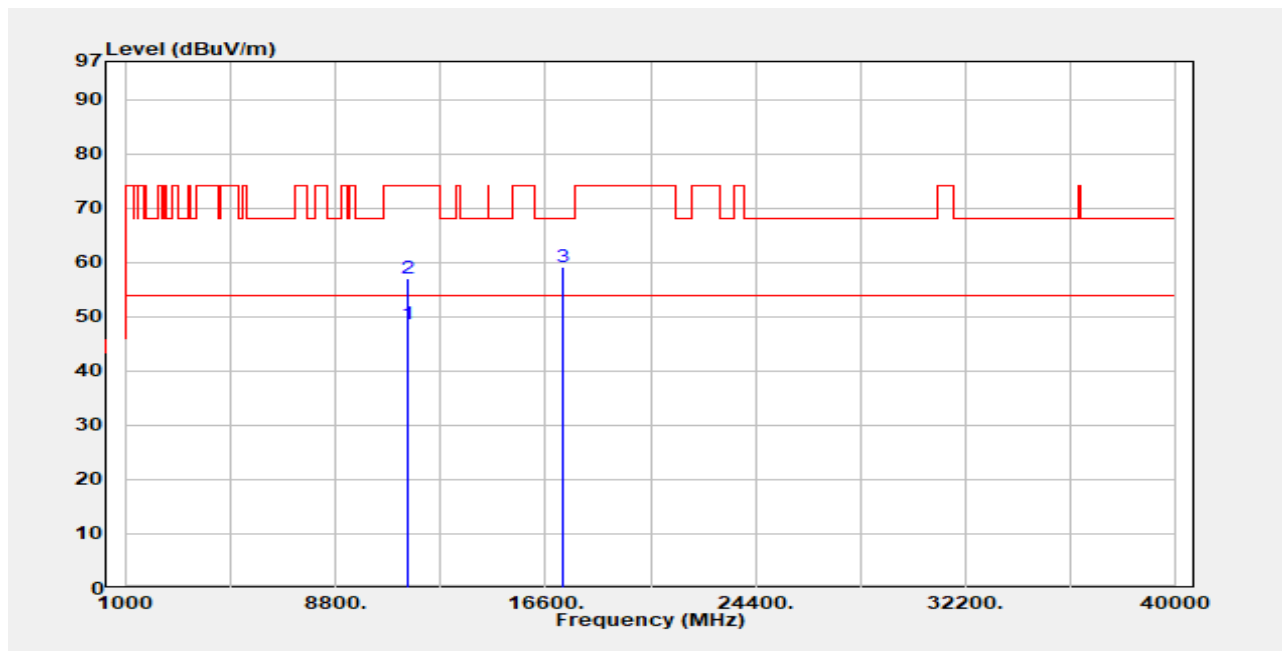
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5745 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11490.00	Average	24.96	23.69	48.65	54.00	-5.35
11490.00	Peak	33.26	23.69	56.94	74.00	-17.06
17235.00	Peak	33.13	26.00	59.13	68.20	-9.07

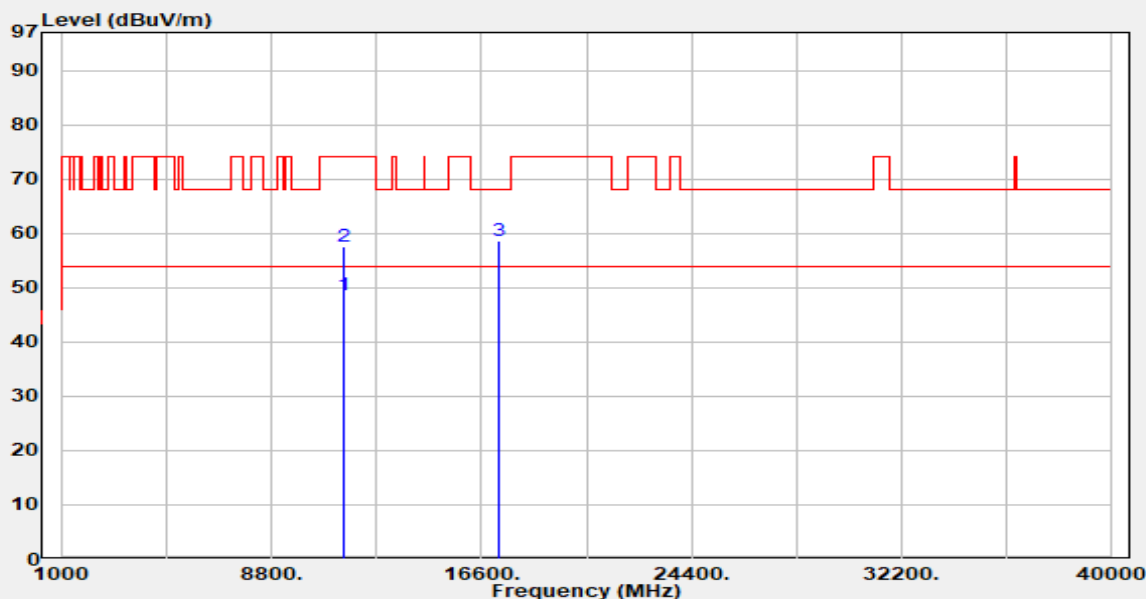
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5745 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11490.00	Average	24.91	23.69	48.60	54.00	-5.40
11490.00	Peak	33.91	23.69	57.59	74.00	-16.41
17235.00	Peak	32.63	26.00	58.63	68.20	-9.57

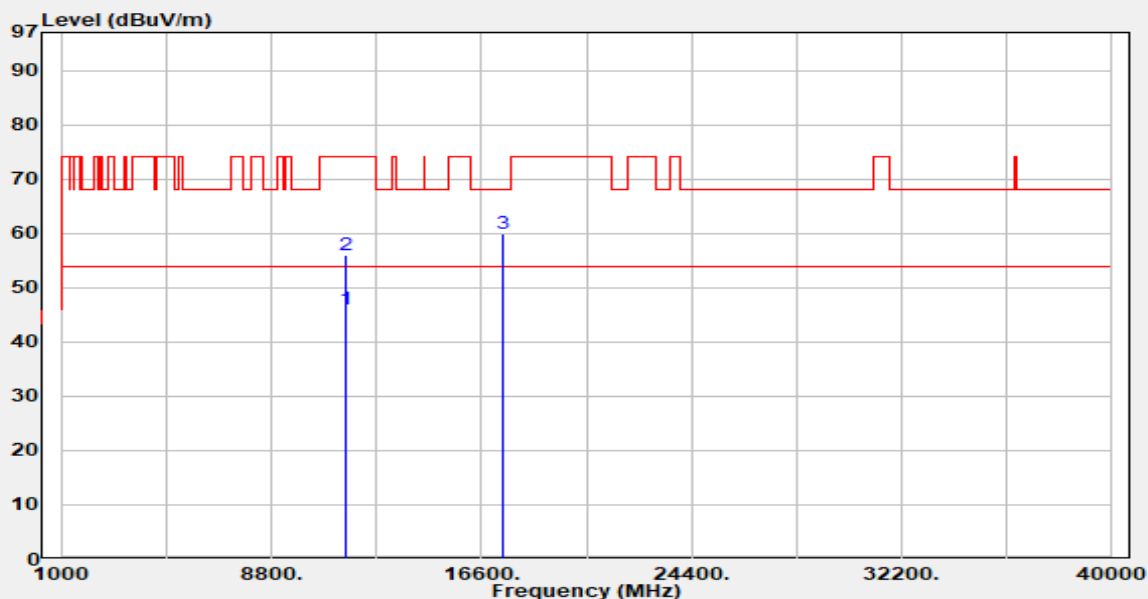
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5785 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11570.00	Average	24.34	21.69	46.04	54.00	-7.96
11570.00	Peak	34.40	21.69	56.10	74.00	-17.90
17355.00	Peak	33.03	26.88	59.92	68.20	-8.28

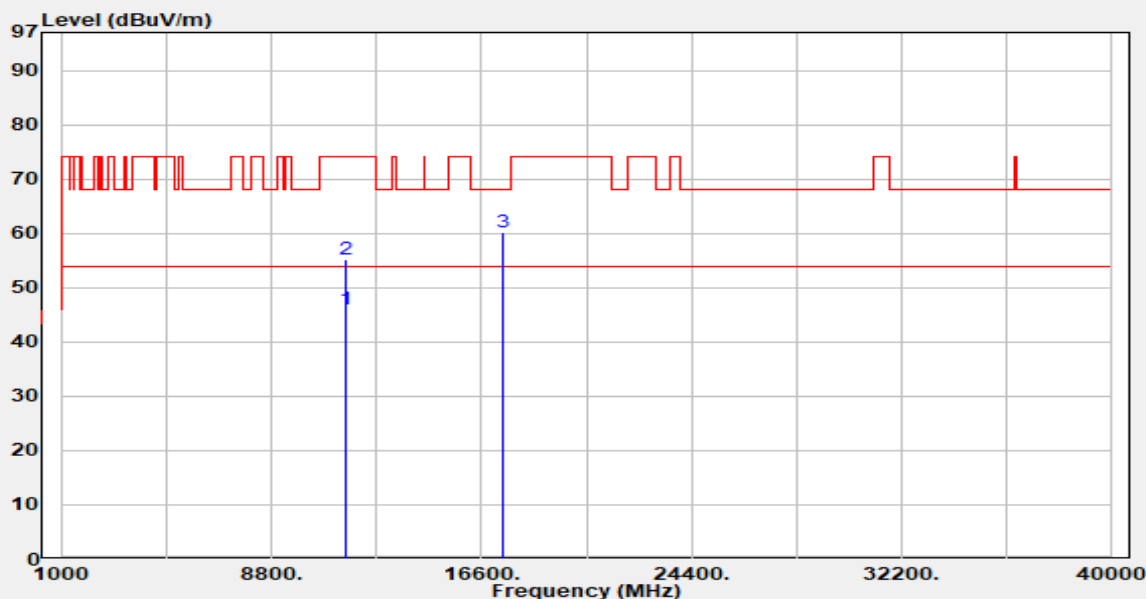
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5785 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11570.00	Average	24.43	21.69	46.12	54.00	-7.88
11570.00	Peak	33.63	21.69	55.32	74.00	-18.68
17355.00	Peak	33.22	26.88	60.10	68.20	-8.10

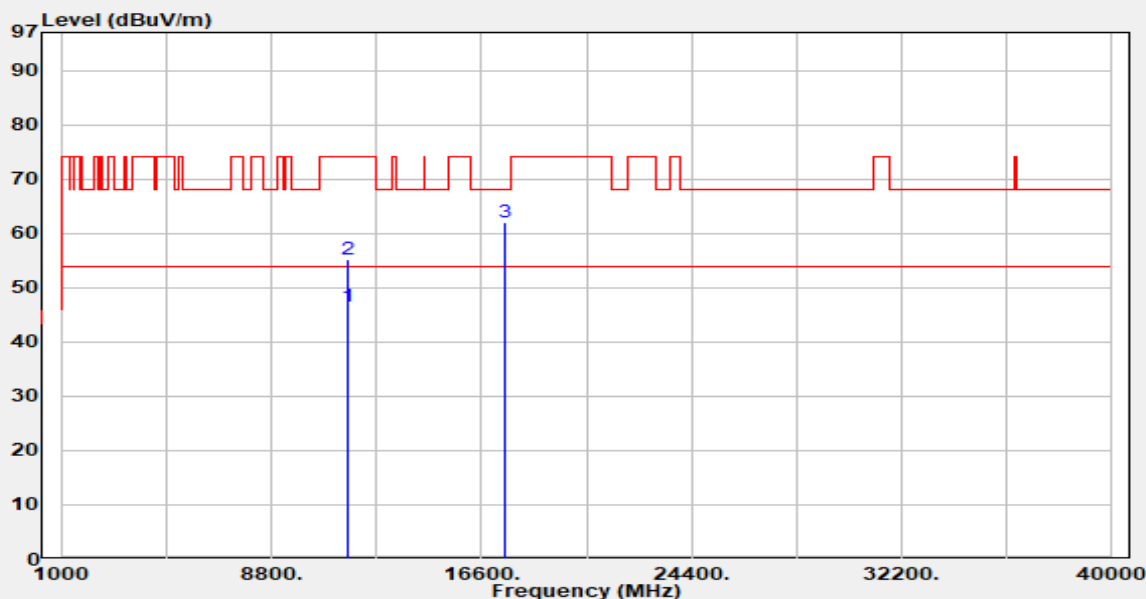
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5825 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11650.00	Average	24.34	22.16	46.50	54.00	-7.50
11650.00	Peak	32.97	22.16	55.13	74.00	-18.87
17475.00	Peak	34.02	28.14	62.16	68.20	-6.04

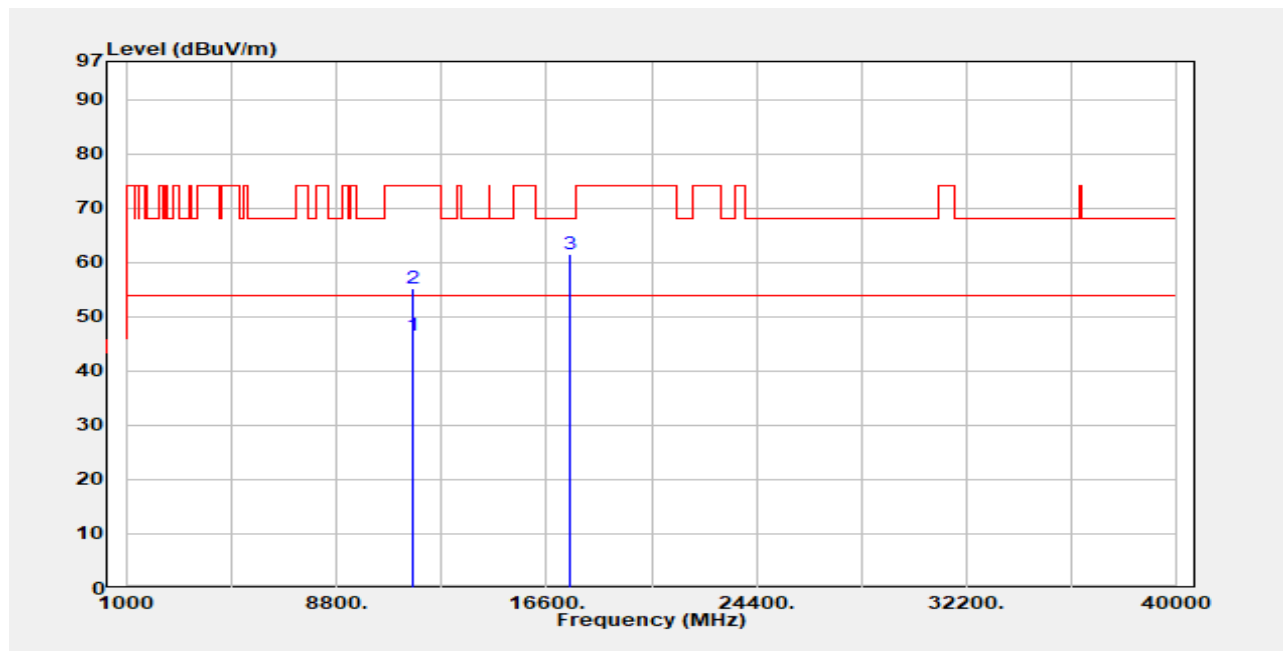
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Report Number :ER/2021/C0049
Operation Mode :802.11n20
Test Frequency :5825 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-30
Temp./Humi. :22.8/64
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11650.00	Average	24.27	22.16	46.43	54.00	-7.57
11650.00	Peak	32.94	22.16	55.10	74.00	-18.90
17475.00	Peak	33.34	28.14	61.48	68.20	-6.72

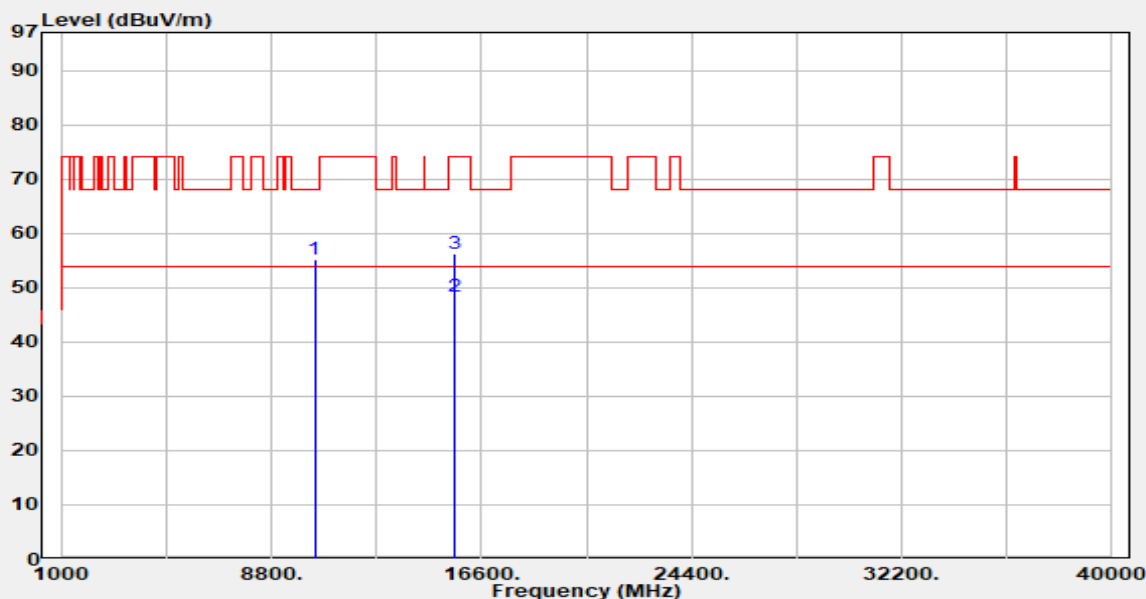
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5190 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10380.00	Peak	34.41	20.90	55.31	68.20	-12.89
15570.00	Average	25.78	22.71	48.49	54.00	-5.51
15570.00	Peak	33.48	22.71	56.19	74.00	-17.81

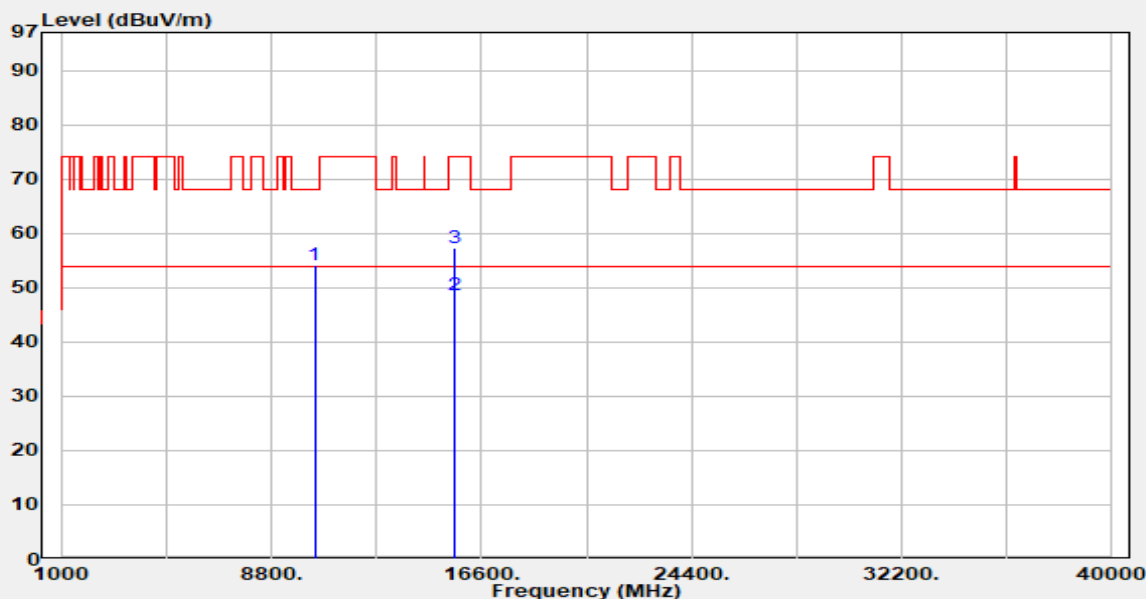
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5190 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10380.00	Peak	33.30	20.90	54.20	68.20	-14.00
15570.00	Average	25.90	22.71	48.61	54.00	-5.39
15570.00	Peak	34.63	22.71	57.34	74.00	-16.66

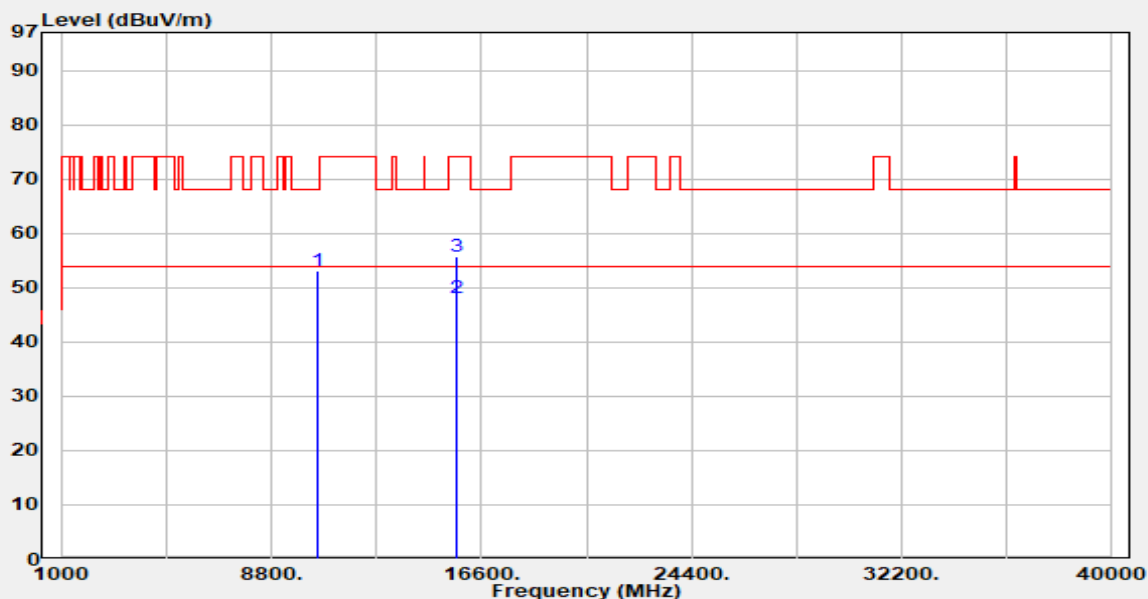
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5230 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10460.00	Peak	33.23	19.89	53.12	68.20	-15.08
15690.00	Average	25.97	22.26	48.22	54.00	-5.78
15690.00	Peak	33.56	22.26	55.82	74.00	-18.18

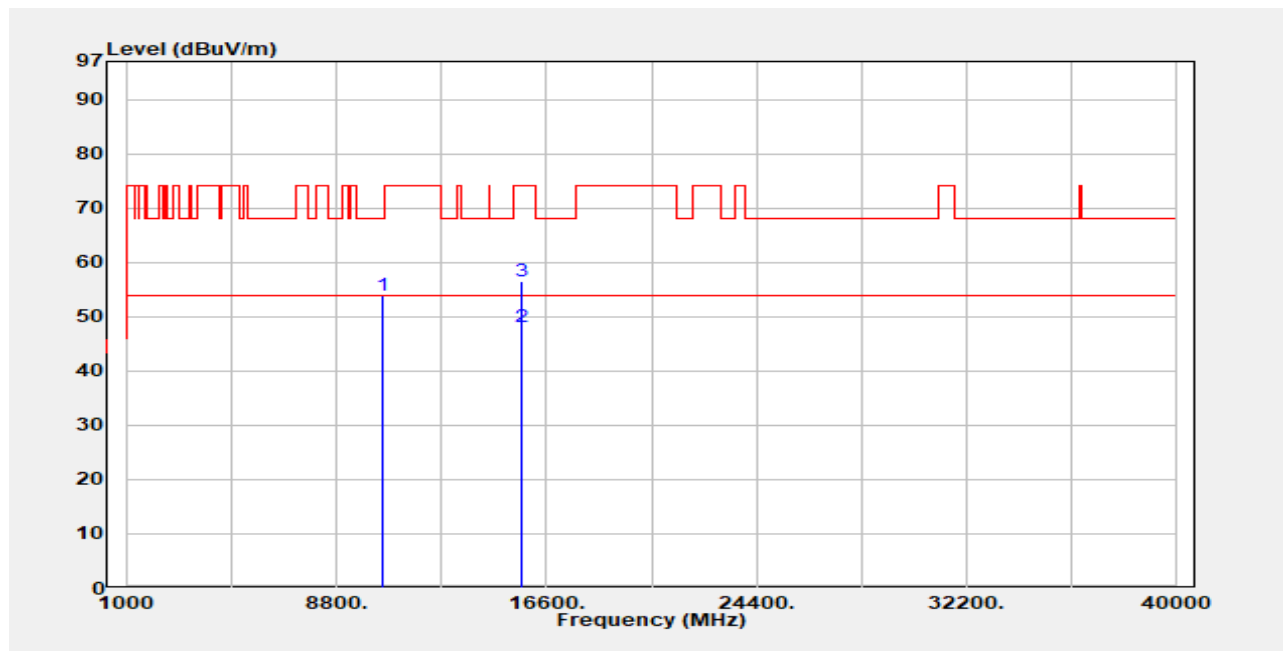
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5230 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10460.00	Peak	34.00	19.89	53.89	68.20	-14.31
15690.00	Average	25.94	22.26	48.20	54.00	-5.80
15690.00	Peak	34.27	22.26	56.53	74.00	-17.47

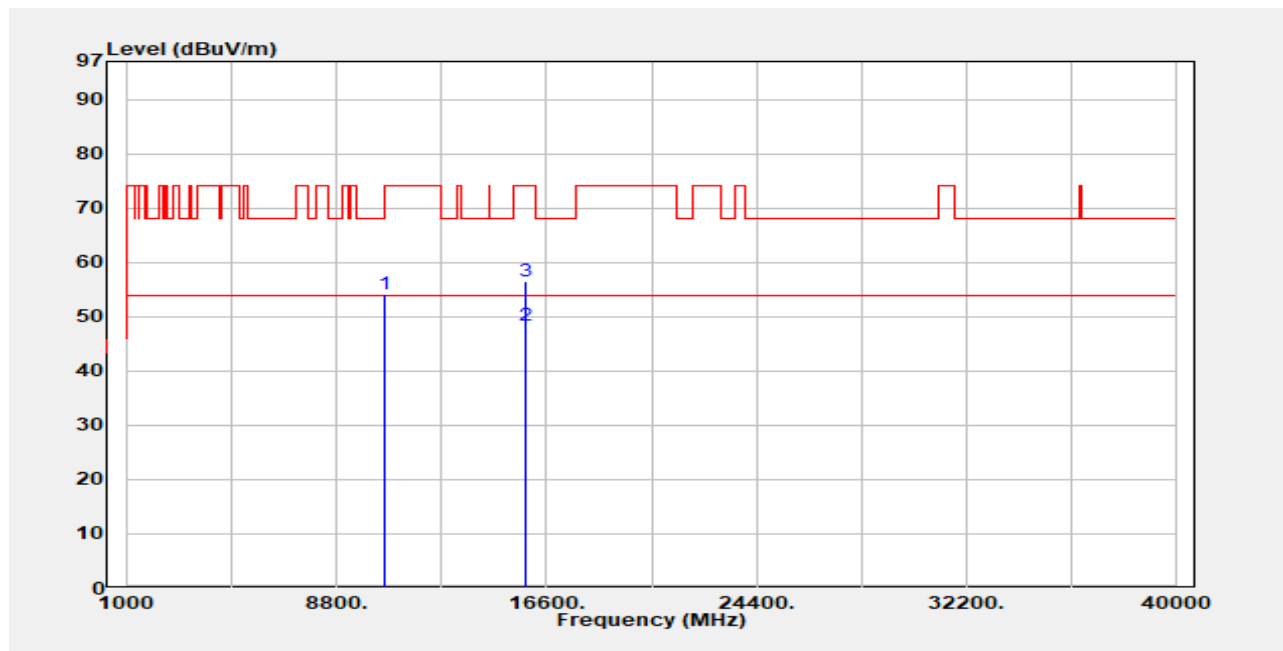
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Report Number :ER/2021/C0049
Operation Mode :802.11n40
Test Frequency :5270 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-30
Temp./Humi. :22.8/64
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10540.00	Peak	33.85	20.38	54.23	68.20	-13.97
15810.00	Average	26.17	22.16	48.33	54.00	-5.67
15810.00	Peak	34.42	22.16	56.58	74.00	-17.42

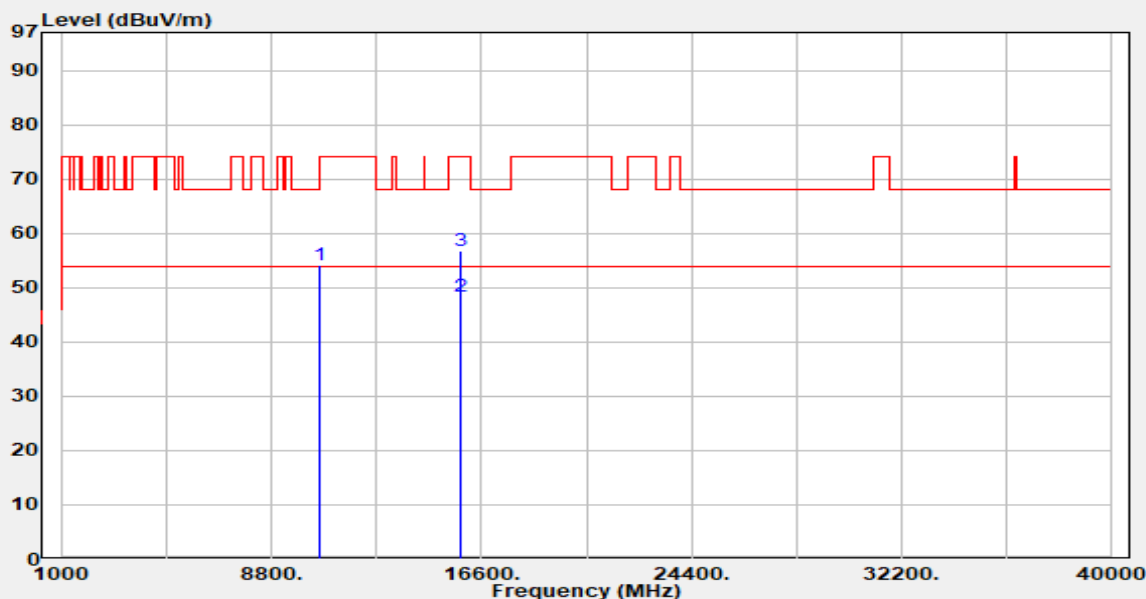
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5270 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10540.00	Peak	33.81	20.38	54.20	68.20	-14.00
15810.00	Average	26.17	22.16	48.33	54.00	-5.67
15810.00	Peak	34.52	22.16	56.69	74.00	-17.31

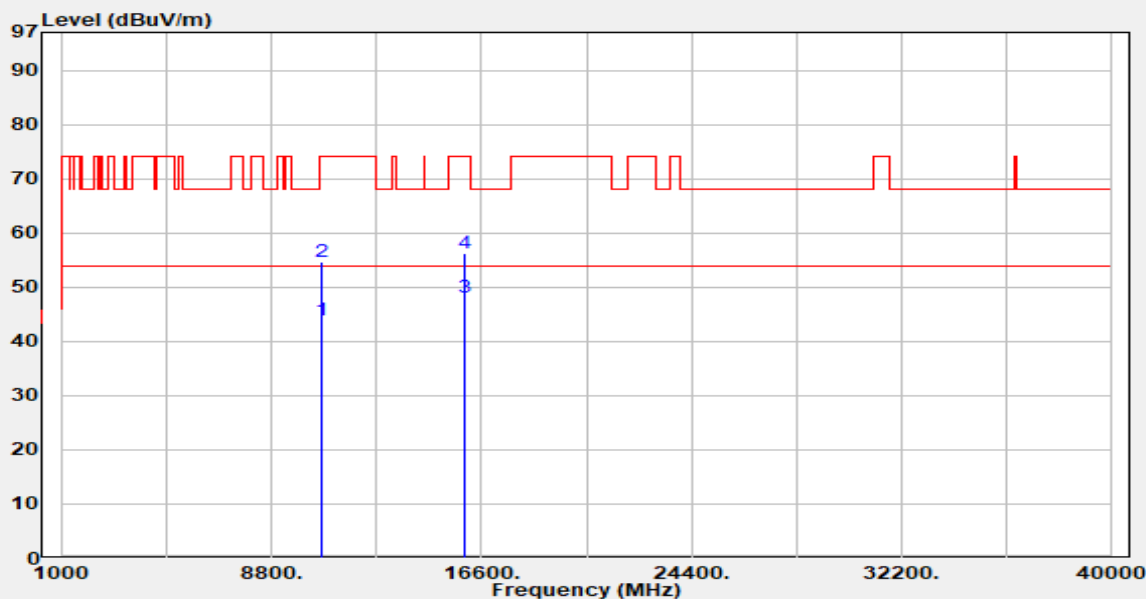
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5310 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10620.00	Average	24.28	19.55	43.83	54.00	-10.17
10620.00	Peak	34.65	19.98	54.63	74.00	-19.37
15930.00	Average	26.20	21.95	48.15	54.00	-5.85
15930.00	Peak	34.37	21.95	56.31	74.00	-17.69

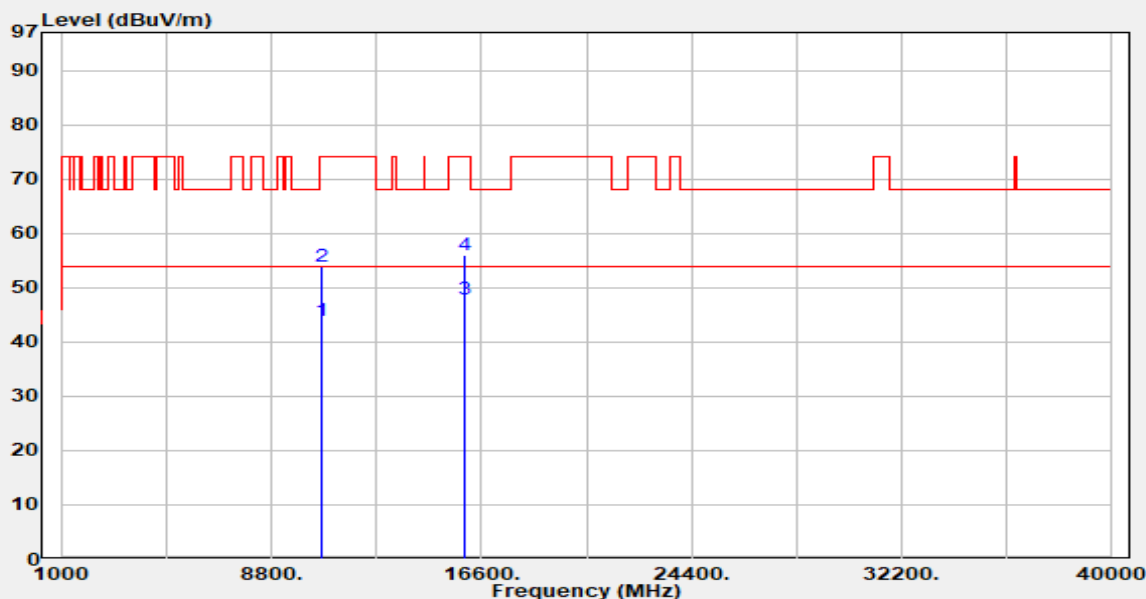
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5310 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10620.00	Average	24.33	19.55	43.88	54.00	-10.12
10620.00	Peak	33.99	19.98	53.97	74.00	-20.03
15930.00	Average	25.94	21.95	47.89	54.00	-6.11
15930.00	Peak	34.03	21.95	55.98	74.00	-18.02

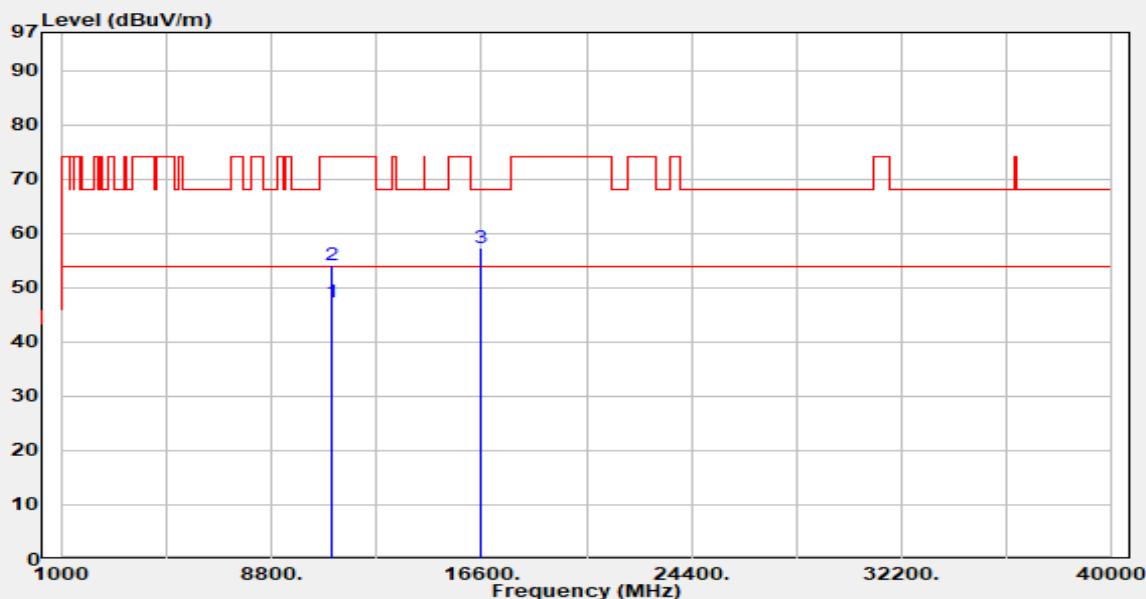
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5510 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11020.00	Average	26.20	21.16	47.36	54.00	-6.64
11020.00	Peak	33.03	21.16	54.19	74.00	-19.81
16530.00	Peak	33.33	24.07	57.40	68.20	-10.80

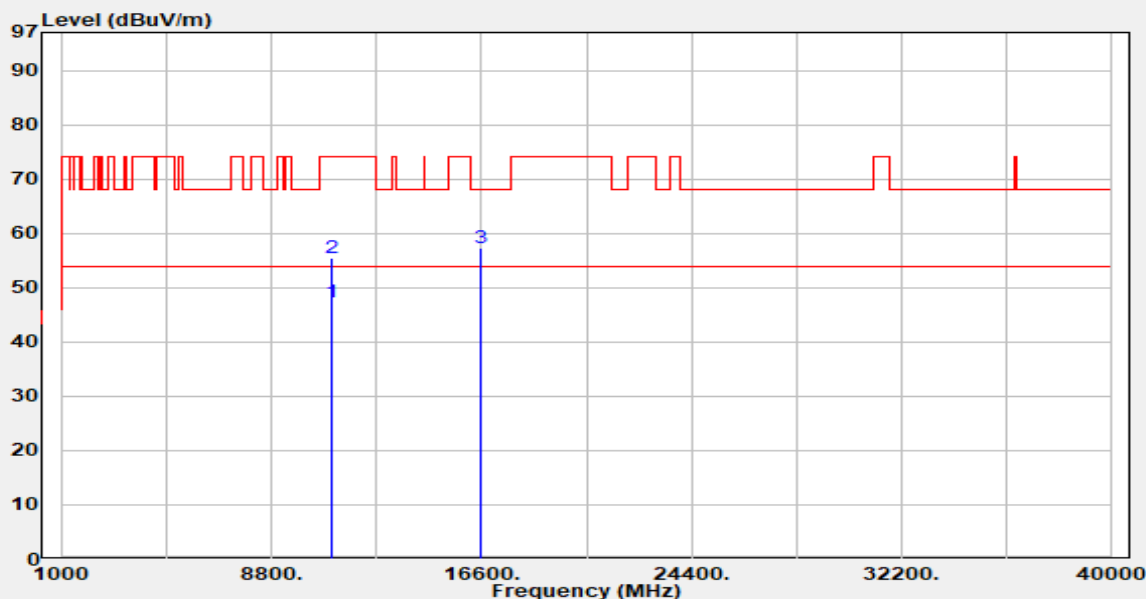
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5510 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11020.00	Average	26.06	21.16	47.22	54.00	-6.78
11020.00	Peak	34.35	21.16	55.51	74.00	-18.49
16530.00	Peak	33.22	24.07	57.29	68.20	-10.91

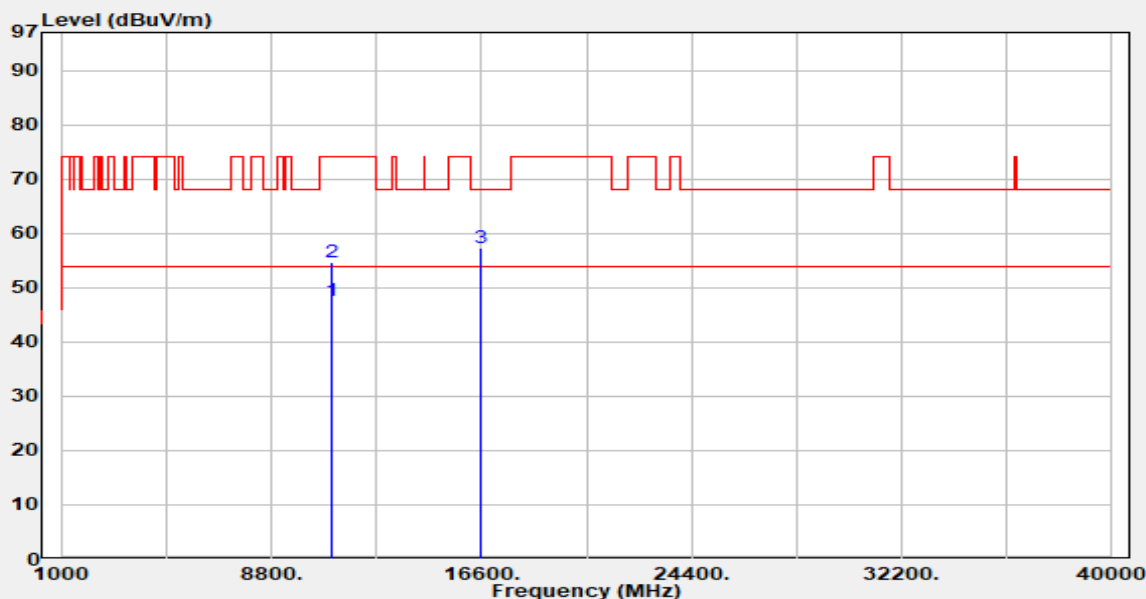
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Report Number :ER/2021/C0049
Operation Mode :802.11n40
Test Frequency :5550 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-30
Temp./Humi. :22.8/64
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11020.00	Average	26.35	21.16	47.51	54.00	-6.49
11020.00	Peak	33.57	21.16	54.73	74.00	-19.27
16530.00	Peak	33.20	24.07	57.28	68.20	-10.92

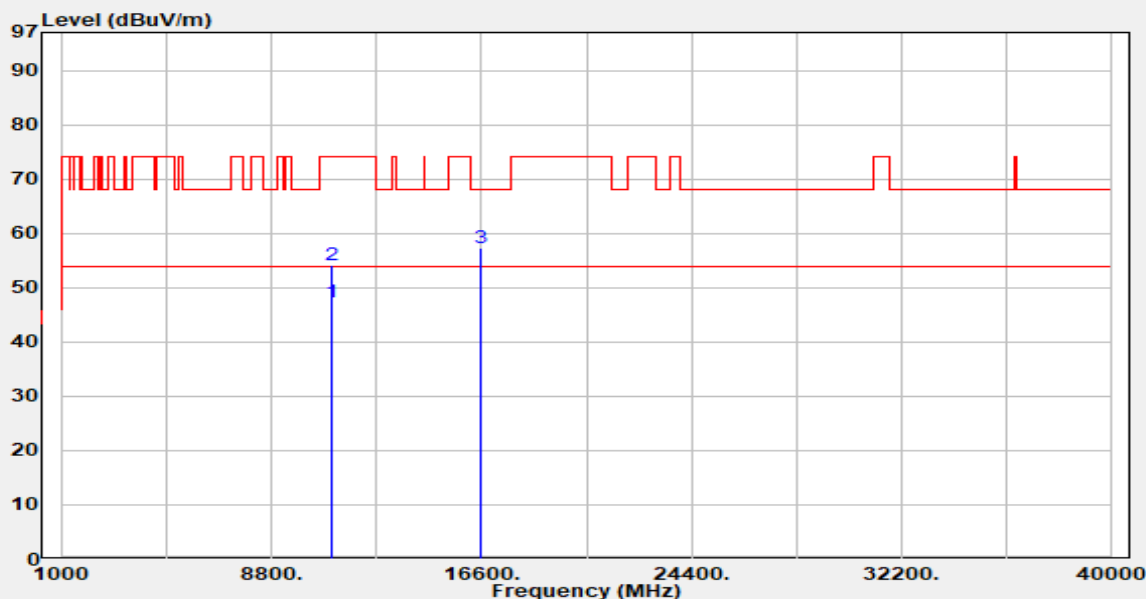
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5550 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11020.00	Average	26.06	21.16	47.22	54.00	-6.78
11020.00	Peak	33.00	21.16	54.16	74.00	-19.84
16530.00	Peak	33.20	24.07	57.27	68.20	-10.93

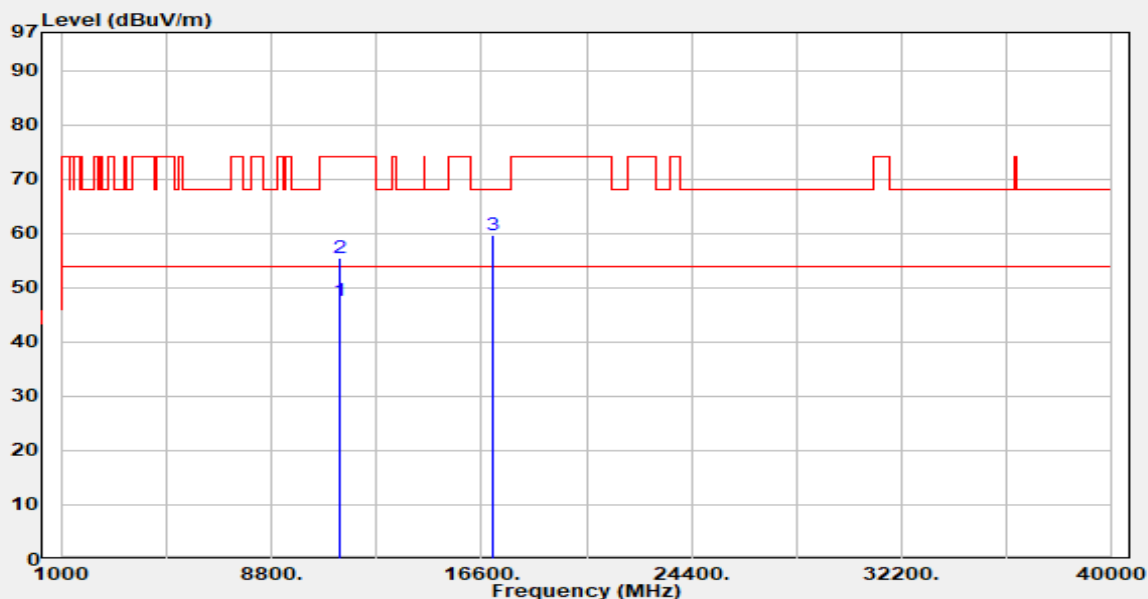
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5670 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11340.00	Average	25.58	22.00	47.58	54.00	-6.42
11340.00	Peak	33.40	22.00	55.40	74.00	-18.60
17010.00	Peak	33.42	26.25	59.67	68.20	-8.53

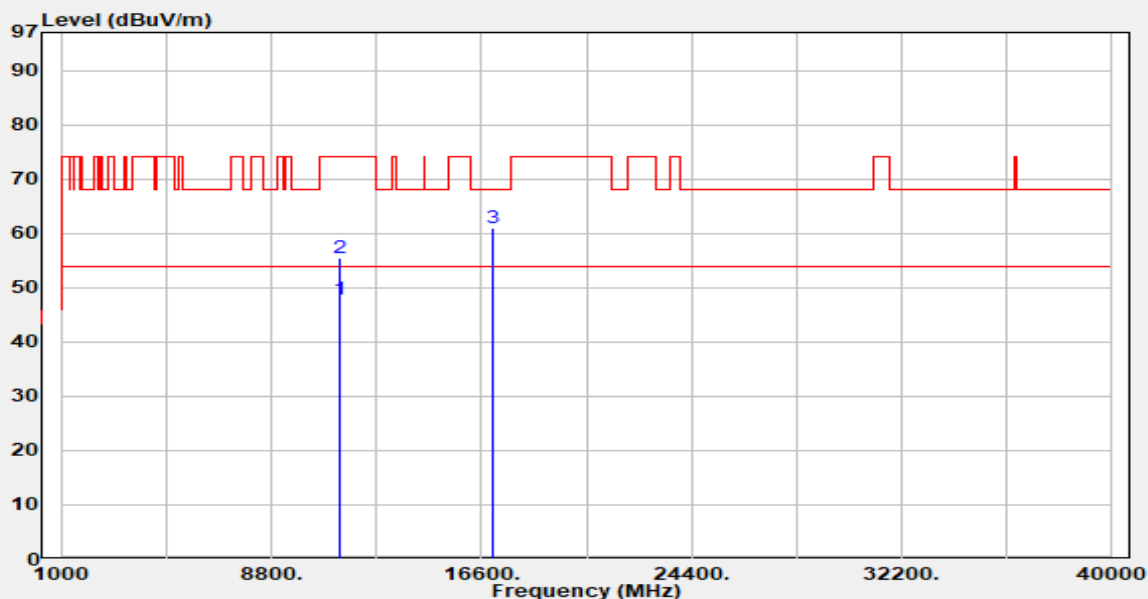
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5670 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11340.00	Average	25.83	22.00	47.83	54.00	-6.17
11340.00	Peak	33.38	22.00	55.38	74.00	-18.62
17010.00	Peak	34.66	26.25	60.91	68.20	-7.29

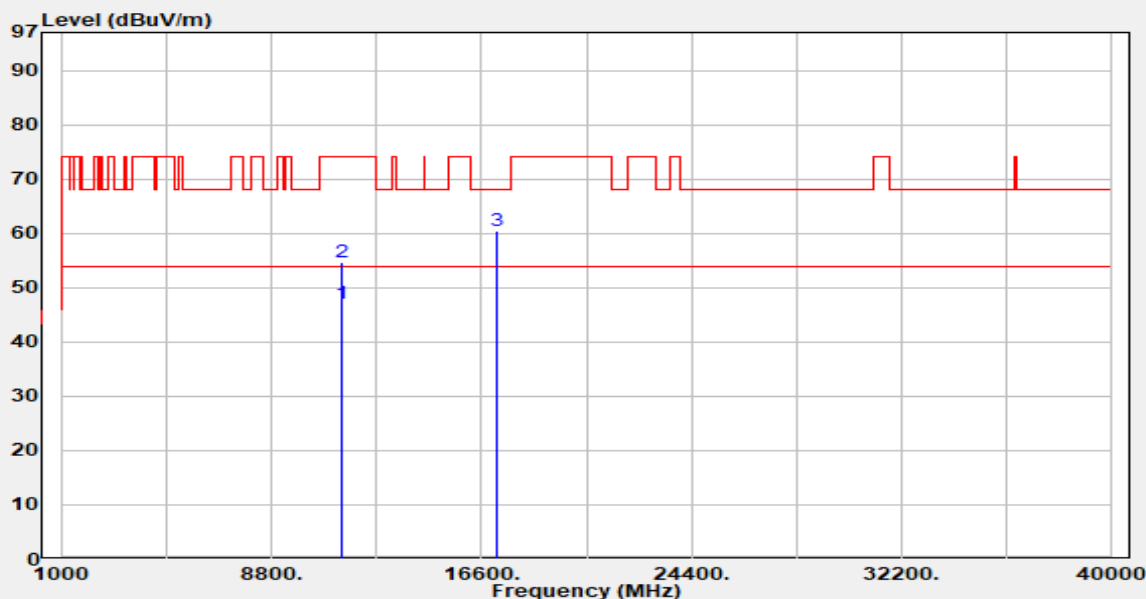
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5710 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11420.00	Average	25.55	21.50	47.05	54.00	-6.95
11420.00	Peak	33.08	21.50	54.58	74.00	-19.42
17130.00	Peak	33.72	26.62	60.33	68.20	-7.87

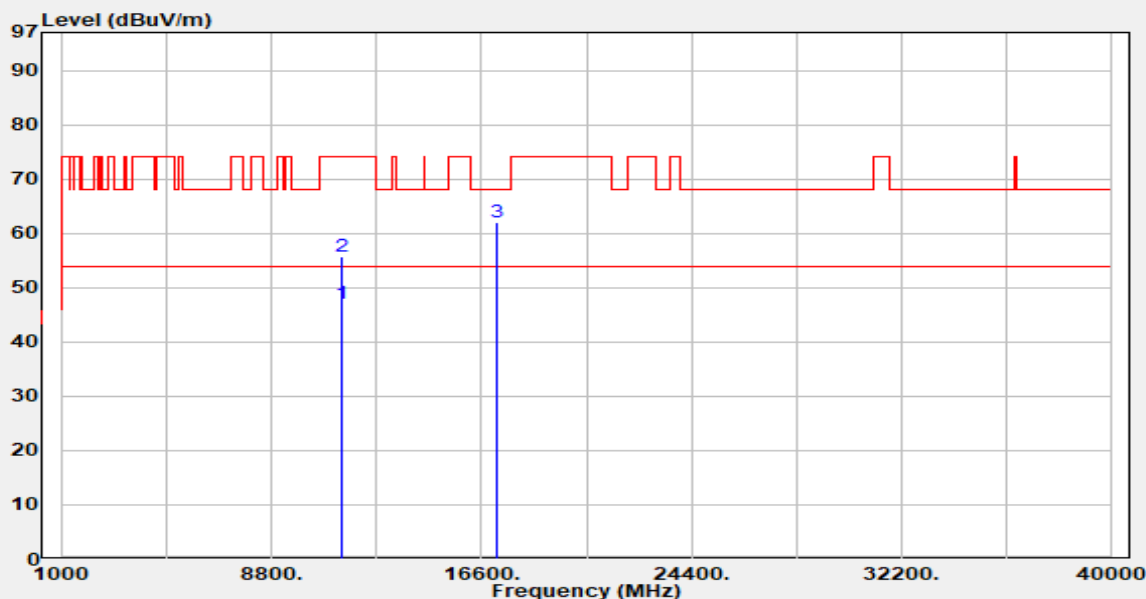
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 Operation Mode :802.11n40
 Test Frequency :5710 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11420.00	Average	25.52	21.50	47.03	54.00	-6.97
11420.00	Peak	34.27	21.50	55.77	74.00	-18.23
17130.00	Peak	35.44	26.62	62.05	68.20	-6.15

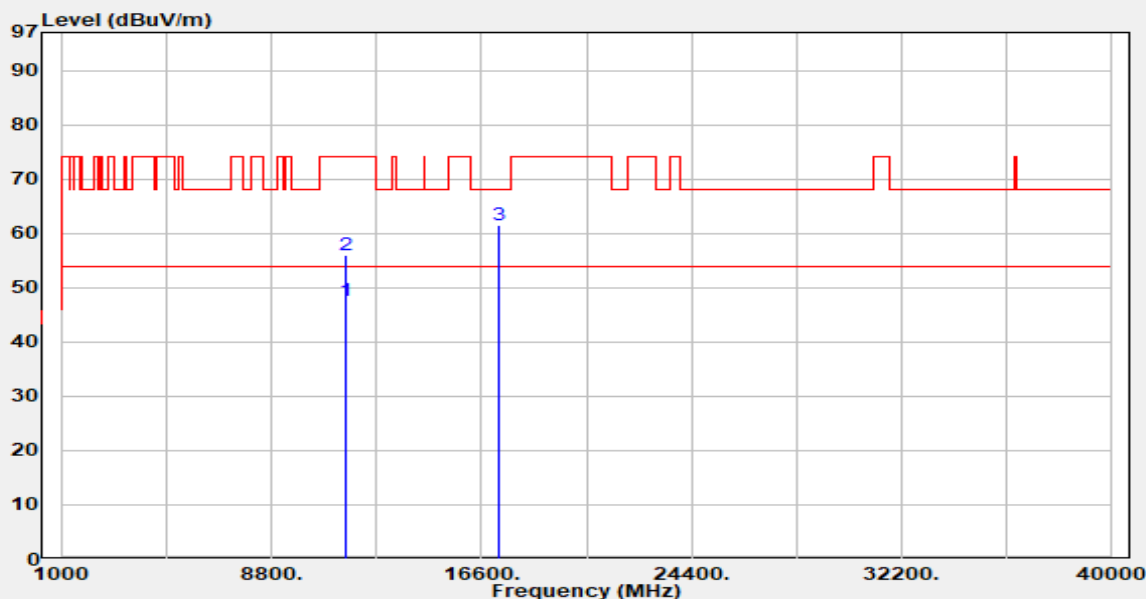
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5755 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11510.00	Average	25.40	22.16	47.55	54.00	-6.45
11510.00	Peak	33.77	22.16	55.93	74.00	-18.07
17265.00	Peak	34.42	27.00	61.42	68.20	-6.78

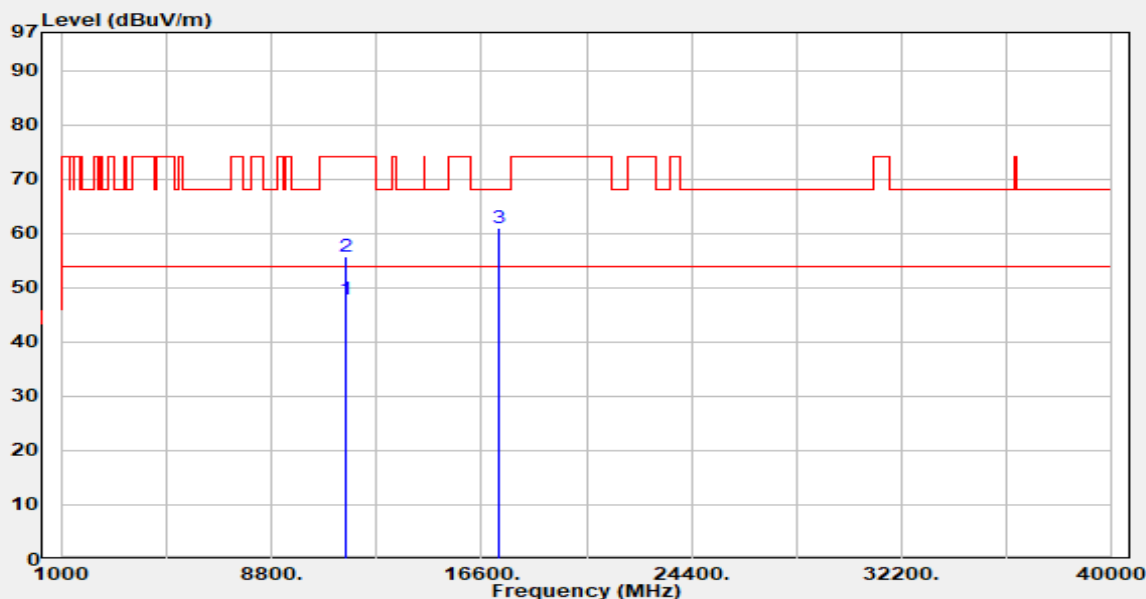
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5755 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11510.00	Average	25.72	22.16	47.88	54.00	-6.12
11510.00	Peak	33.66	22.16	55.82	74.00	-18.18
17265.00	Peak	33.87	27.00	60.88	68.20	-7.32

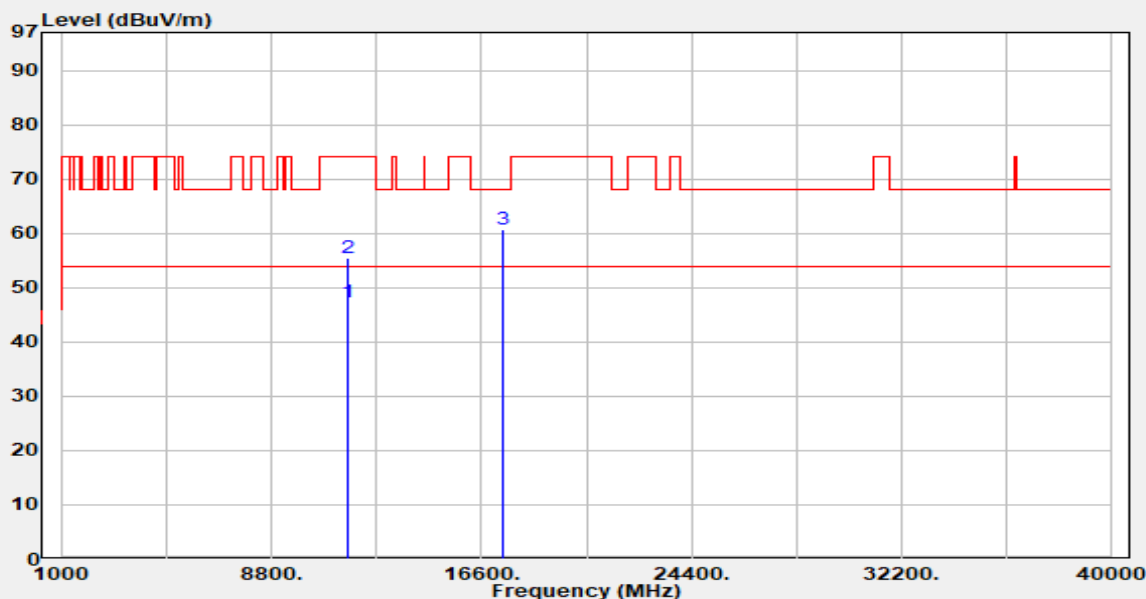
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Report Number :ER/2021/C0049
Operation Mode :802.11n40
Test Frequency :5795 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-30
Temp./Humi. :22.8/64
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11590.00	Average	25.70	21.56	47.25	54.00	-6.75
11590.00	Peak	33.81	21.56	55.37	74.00	-18.63
17385.00	Peak	32.90	27.92	60.82	68.20	-7.38

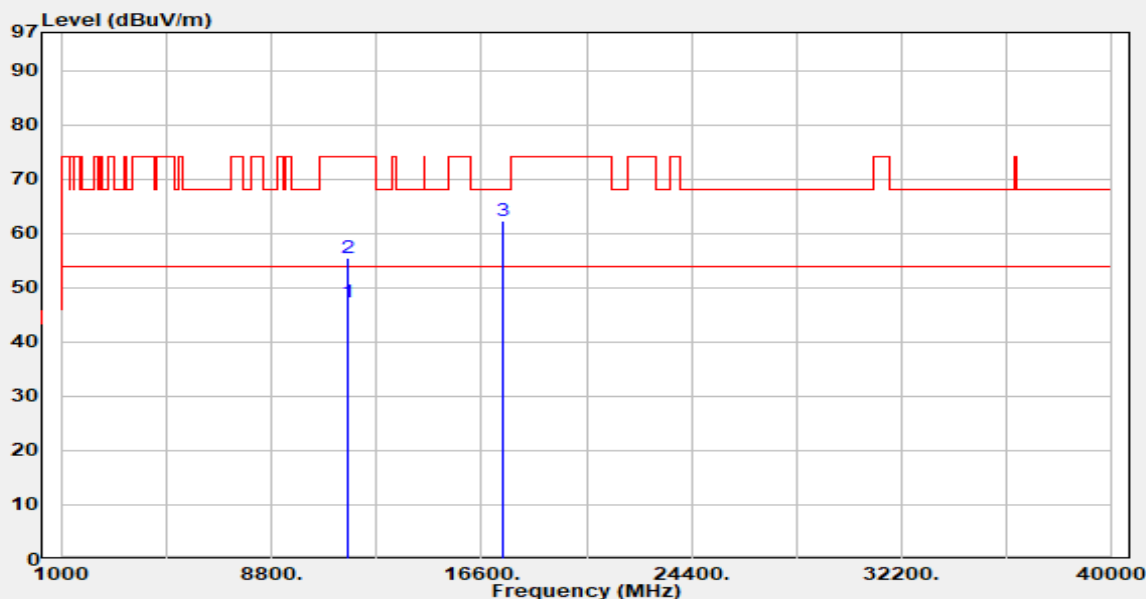
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5795 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11590.00	Average	25.76	21.56	47.32	54.00	-6.68
11590.00	Peak	34.04	21.56	55.60	74.00	-18.40
17385.00	Peak	34.42	27.92	62.34	68.20	-5.86

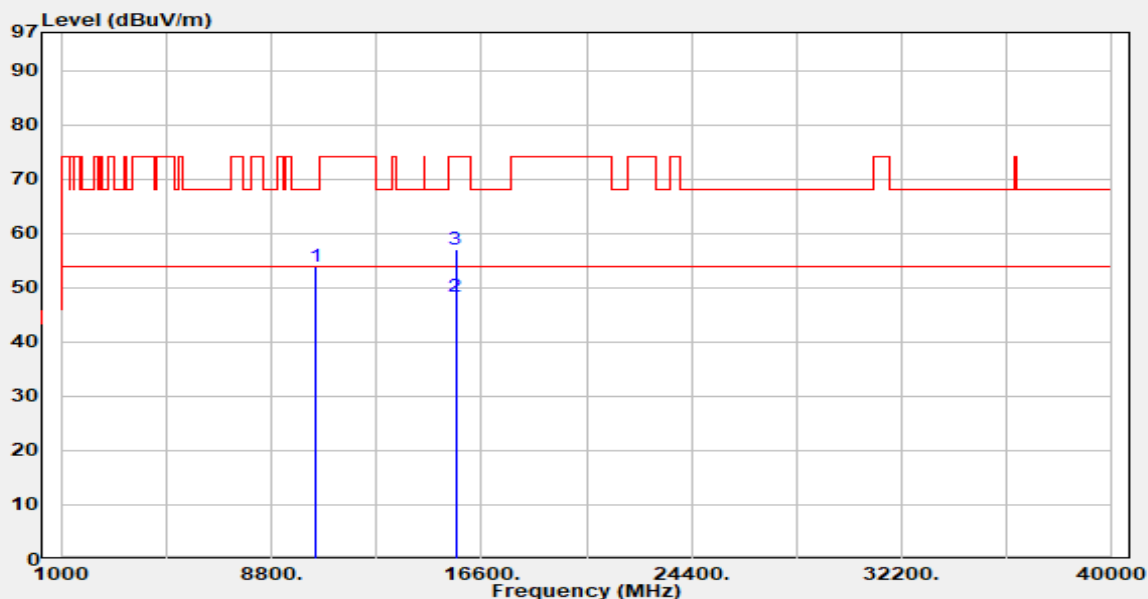
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5210 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10420.00	Peak	33.77	20.23	54.00	68.20	-14.20
15630.00	Average	26.32	22.13	48.45	54.00	-5.55
15630.00	Peak	34.98	22.13	57.11	74.00	-16.89

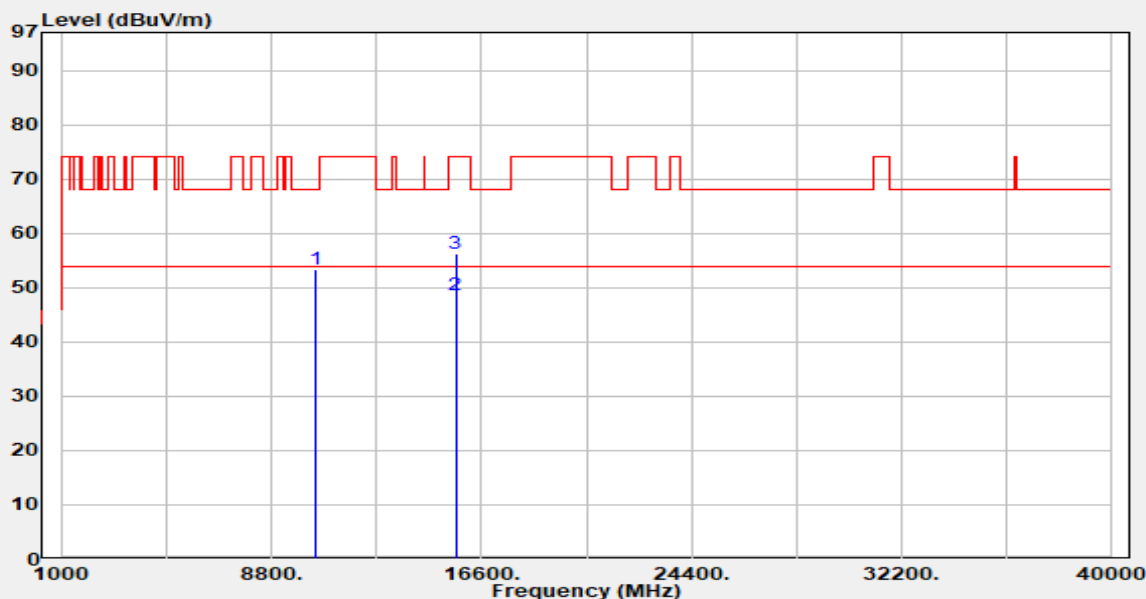
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5210 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10420.00	Peak	33.11	20.23	53.34	68.20	-14.86
15630.00	Average	26.51	22.13	48.64	54.00	-5.36
15630.00	Peak	34.21	22.13	56.34	74.00	-17.66

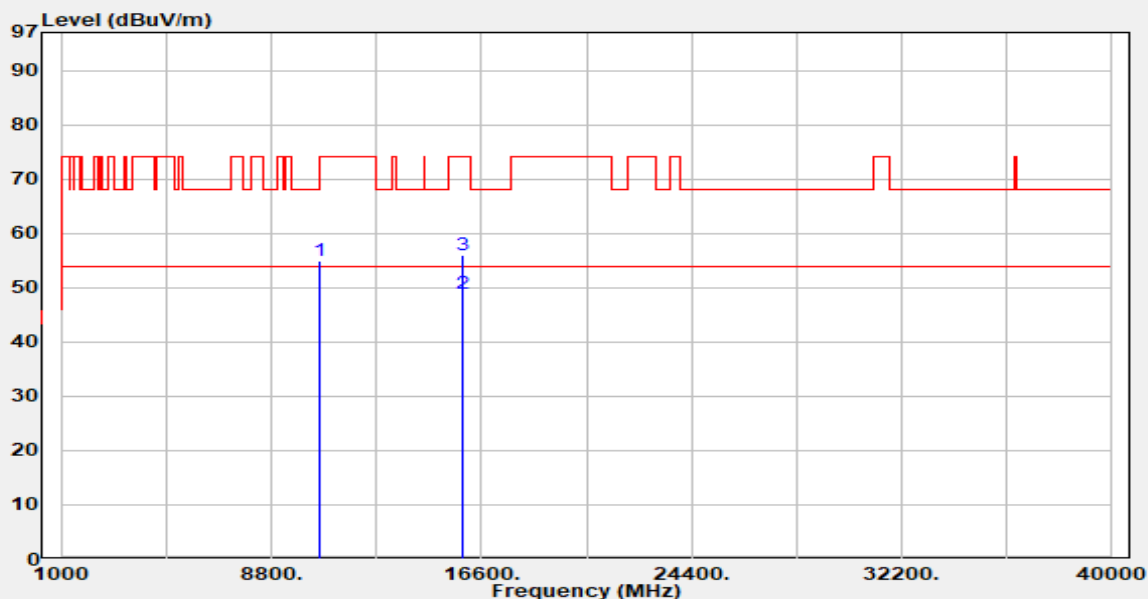
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5290 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



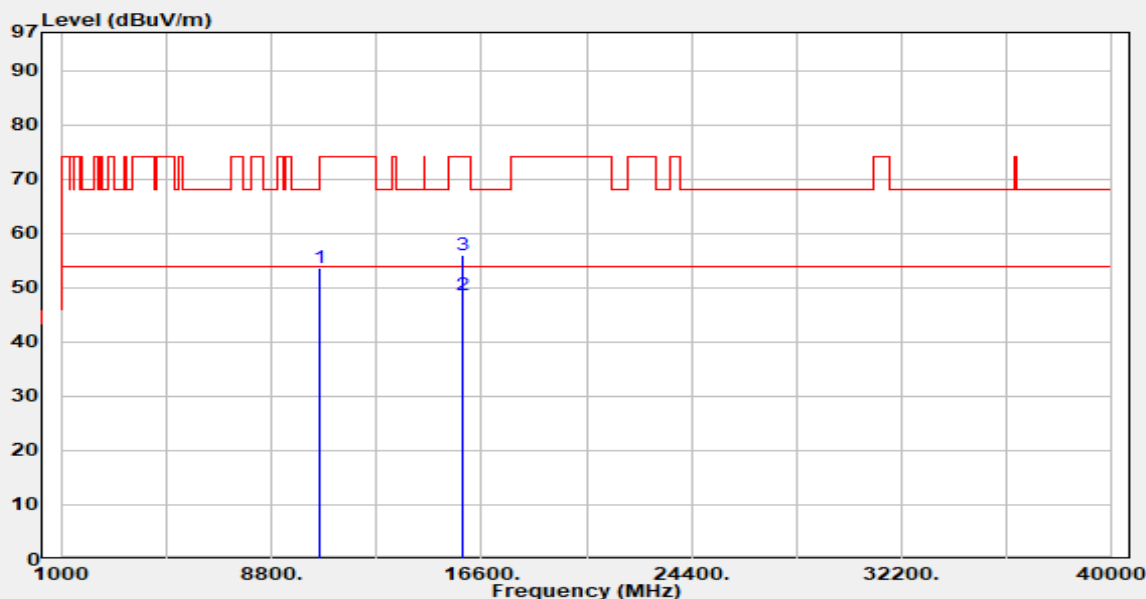
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10580.00	Peak	35.14	19.83	54.97	68.20	-13.23
15870.00	Average	27.00	21.84	48.83	54.00	-5.17
15870.00	Peak	34.23	21.84	56.07	74.00	-17.93

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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5290 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10580.00	Peak	33.78	19.83	53.62	68.20	-14.58
15870.00	Average	26.81	21.84	48.65	54.00	-5.35
15870.00	Peak	34.09	21.84	55.92	74.00	-18.08

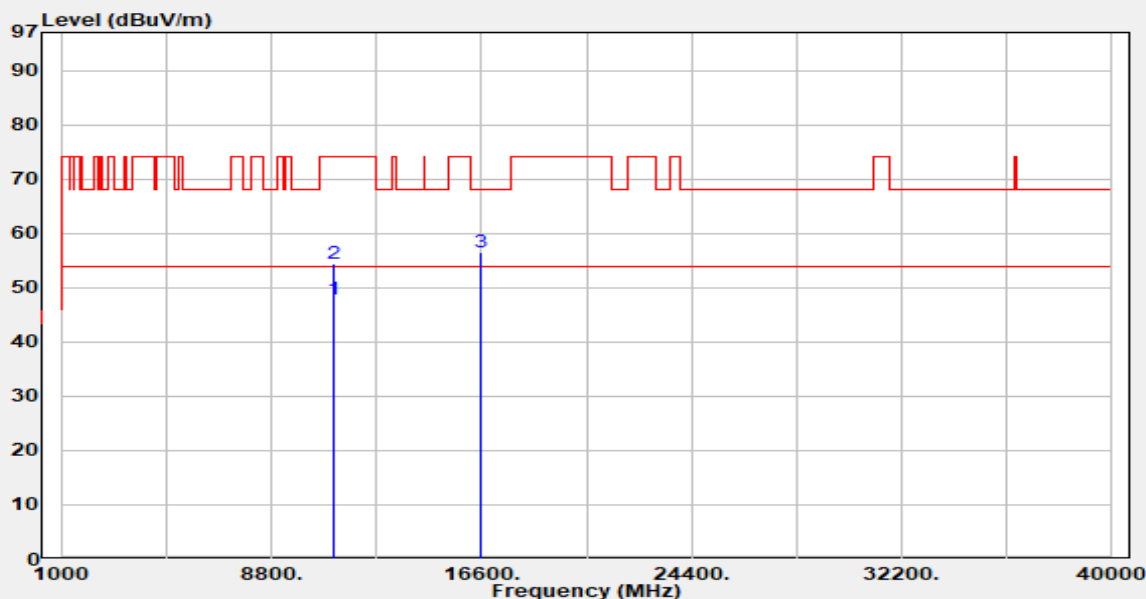
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5530 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11060.00	Average	26.29	21.47	47.76	54.00	-6.24
11060.00	Peak	33.07	21.47	54.54	74.00	-19.46
16590.00	Peak	33.07	23.56	56.63	68.20	-11.57

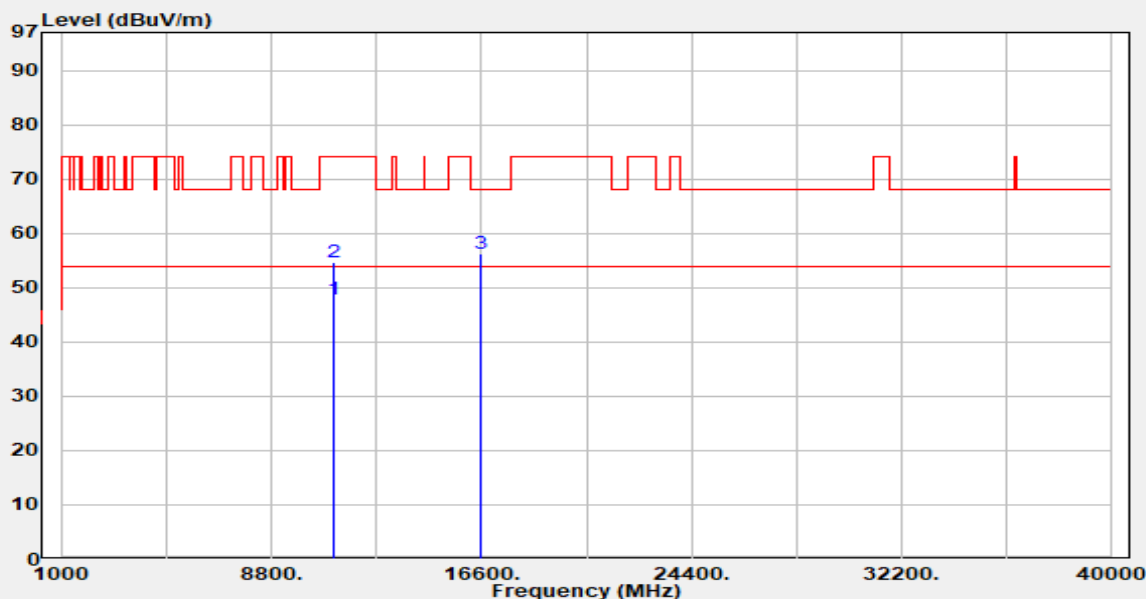
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5530 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11060.00	Average	26.45	21.47	47.92	54.00	-6.08
11060.00	Peak	33.10	21.47	54.57	74.00	-19.43
16590.00	Peak	32.76	23.56	56.32	68.20	-11.88

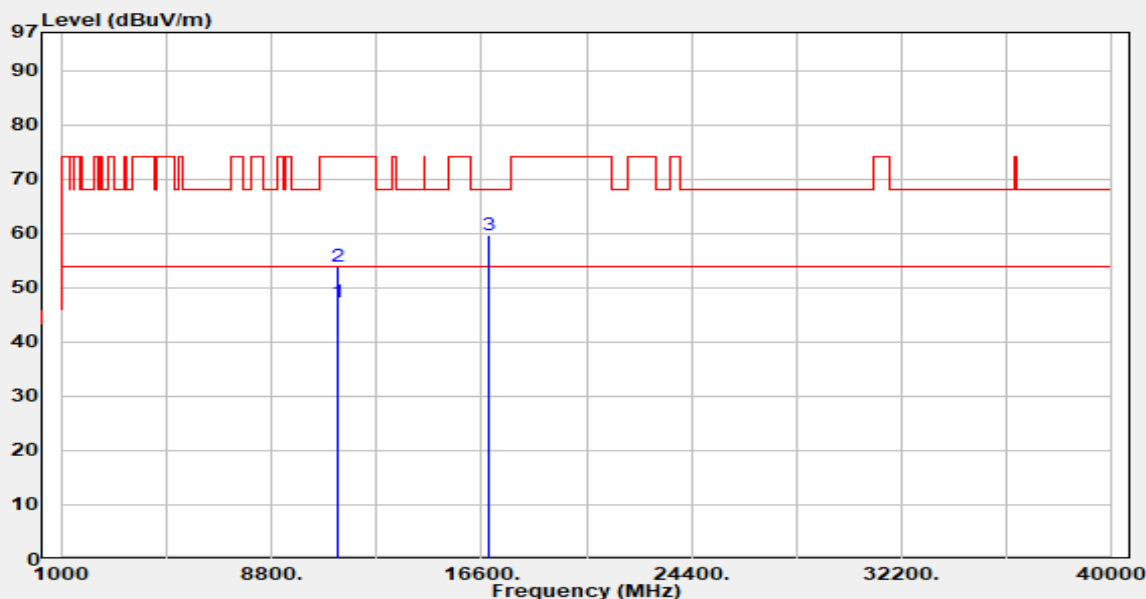
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5610 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11220.00	Average	26.41	21.03	47.44	54.00	-6.56
11220.00	Peak	32.82	21.03	53.85	74.00	-20.15
16830.00	Peak	34.07	25.73	59.80	68.20	-8.40

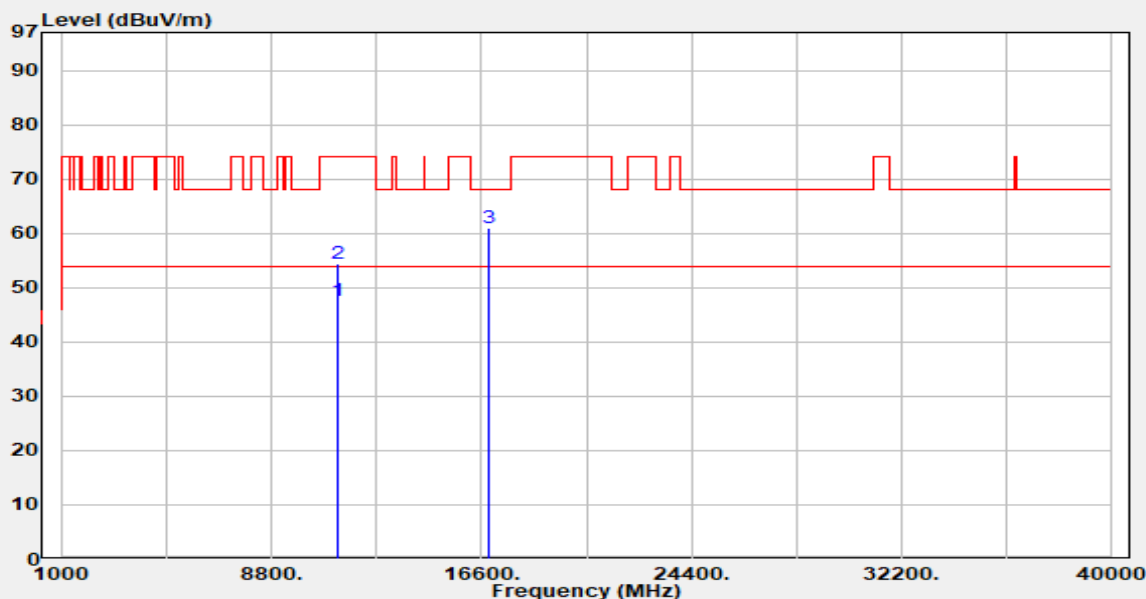
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5610 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11220.00	Average	26.45	21.03	47.49	54.00	-6.51
11220.00	Peak	33.31	21.03	54.35	74.00	-19.65
16830.00	Peak	35.33	25.73	61.06	68.20	-7.14

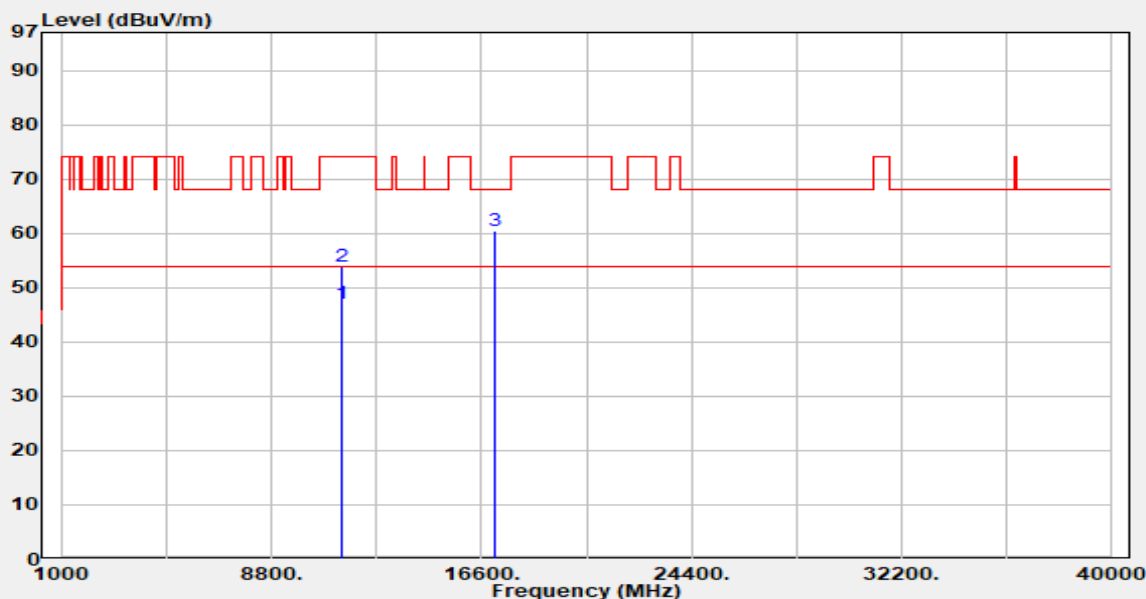
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5690 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11380.00	Average	26.30	20.81	47.11	54.00	-6.89
11380.00	Peak	33.10	20.81	53.91	74.00	-20.09
17070.00	Peak	33.76	26.75	60.52	68.20	-7.68

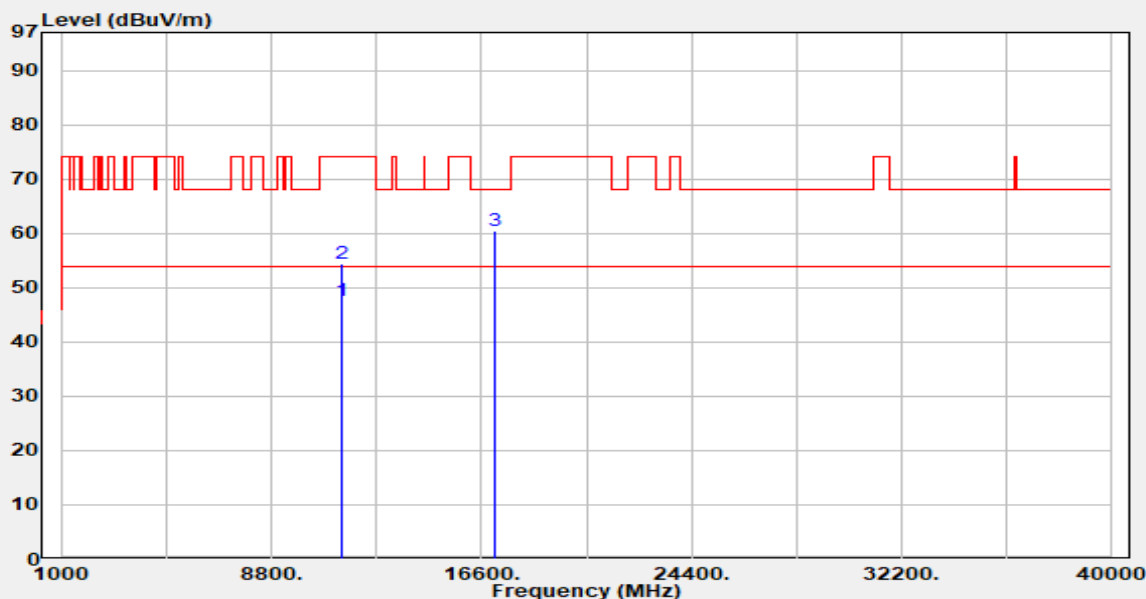
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5690 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11380.00	Average	26.90	20.81	47.70	54.00	-6.30
11380.00	Peak	33.65	20.81	54.46	74.00	-19.54
17070.00	Peak	33.58	26.75	60.33	68.20	-7.87

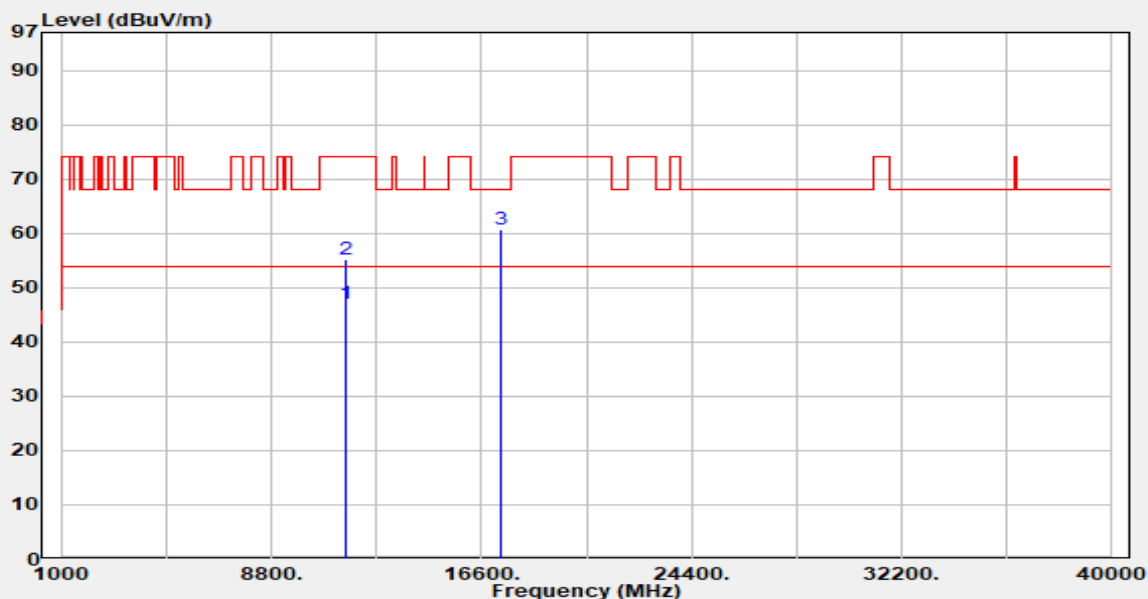
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5775 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11550.00	Average	26.33	20.80	47.13	54.00	-6.87
11550.00	Peak	34.37	20.80	55.17	74.00	-18.83
17325.00	Peak	33.68	27.06	60.74	68.20	-7.46

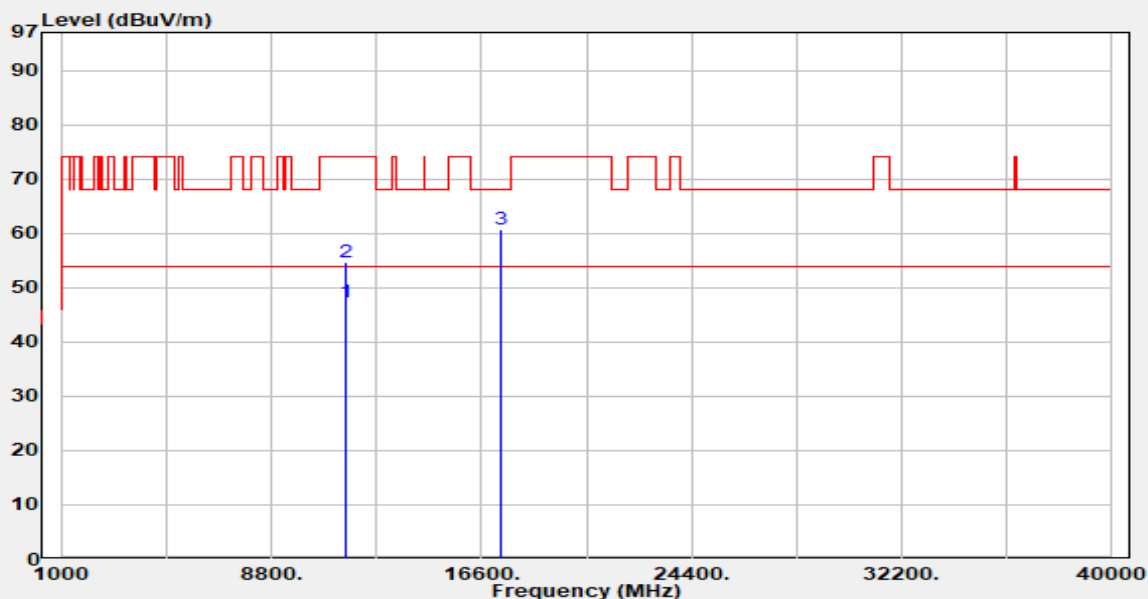
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5775 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-30
 Temp./Humi. :22.8/64
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11550.00	Average	26.64	20.80	47.44	54.00	-6.56
11550.00	Peak	33.93	20.80	54.74	74.00	-19.26
17325.00	Peak	33.62	27.06	60.67	68.20	-7.53

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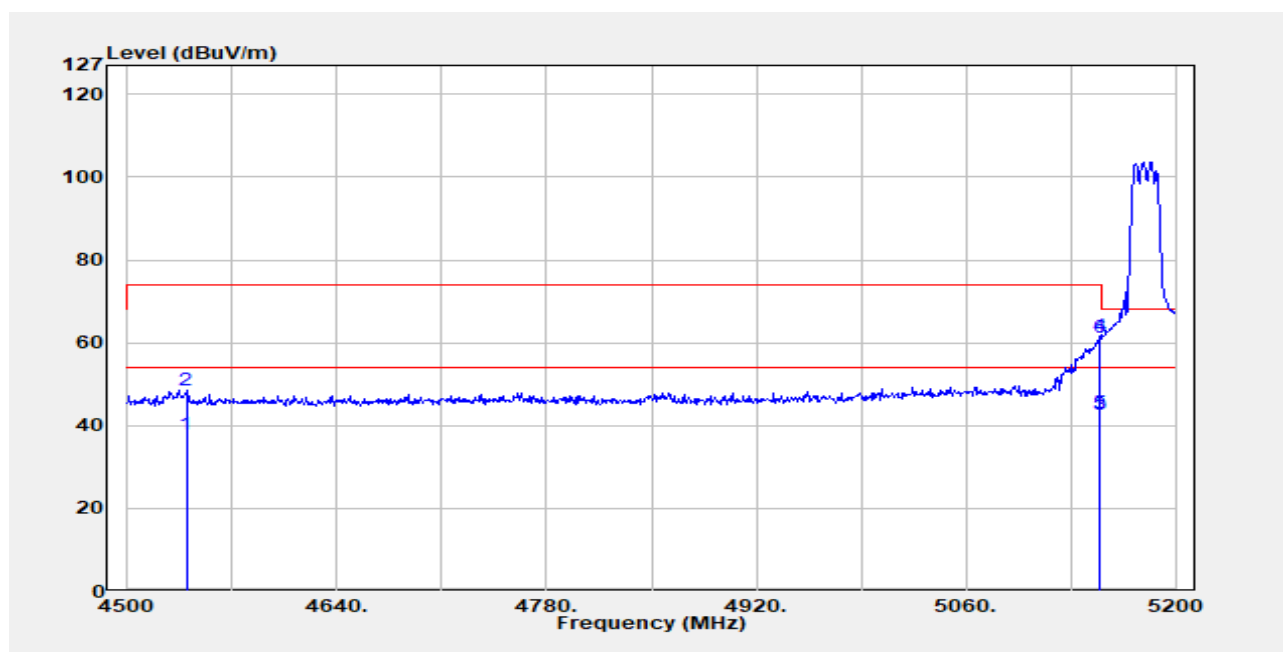
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11.6.2 Band edge falling to restricted band

Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5180 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4539.20	Average	30.96	6.74	37.70	54.00	-16.30
4539.20	Peak	41.85	6.74	48.59	74.00	-25.41
5148.90	Average	34.87	7.82	42.69	54.00	-11.31
5148.90	Peak	53.88	7.82	61.71	74.00	-12.29
5150.00	Average	35.18	7.82	43.00	54.00	-11.00
5150.00	Peak	53.32	7.82	61.14	74.00	-12.86

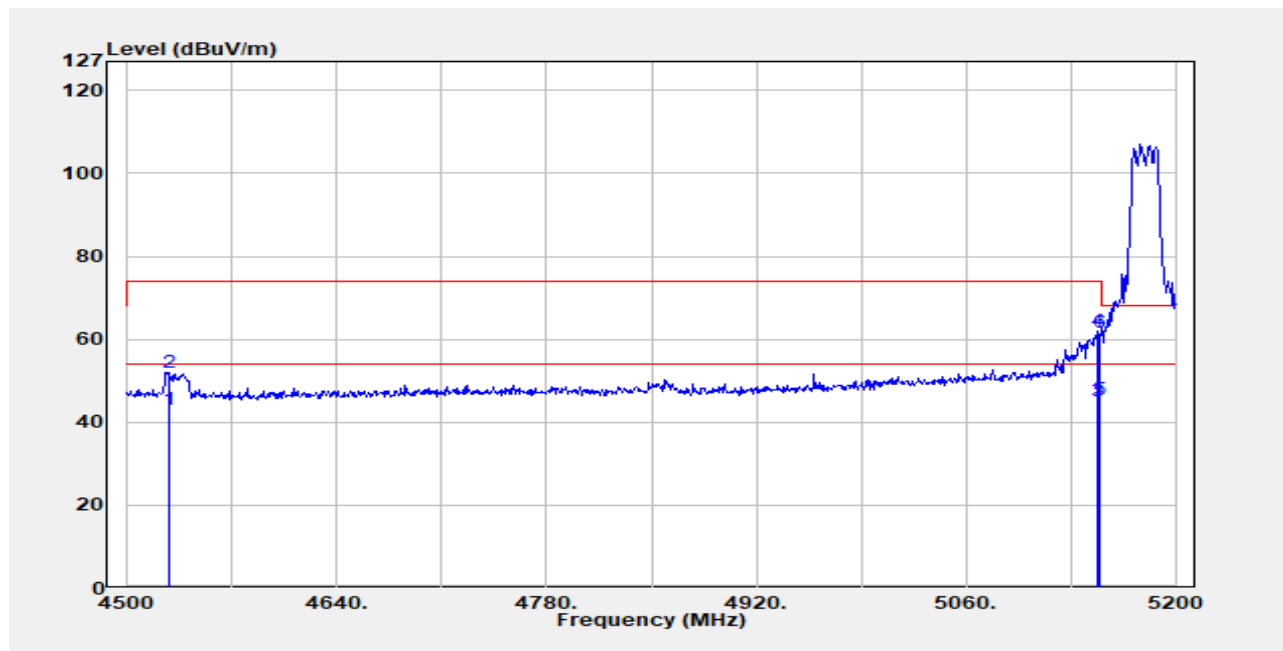
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5180 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
4528.00	Average	36.09	6.79	42.88	54.00	-11.12
4528.00	Peak	45.29	6.79	52.09	74.00	-21.91
5148.20	Average	37.26	7.82	45.08	54.00	-8.92
5148.20	Peak	54.23	7.82	62.05	74.00	-11.95
5150.00	Average	37.69	7.82	45.51	54.00	-8.49
5150.00	Peak	53.78	7.82	61.60	74.00	-12.40

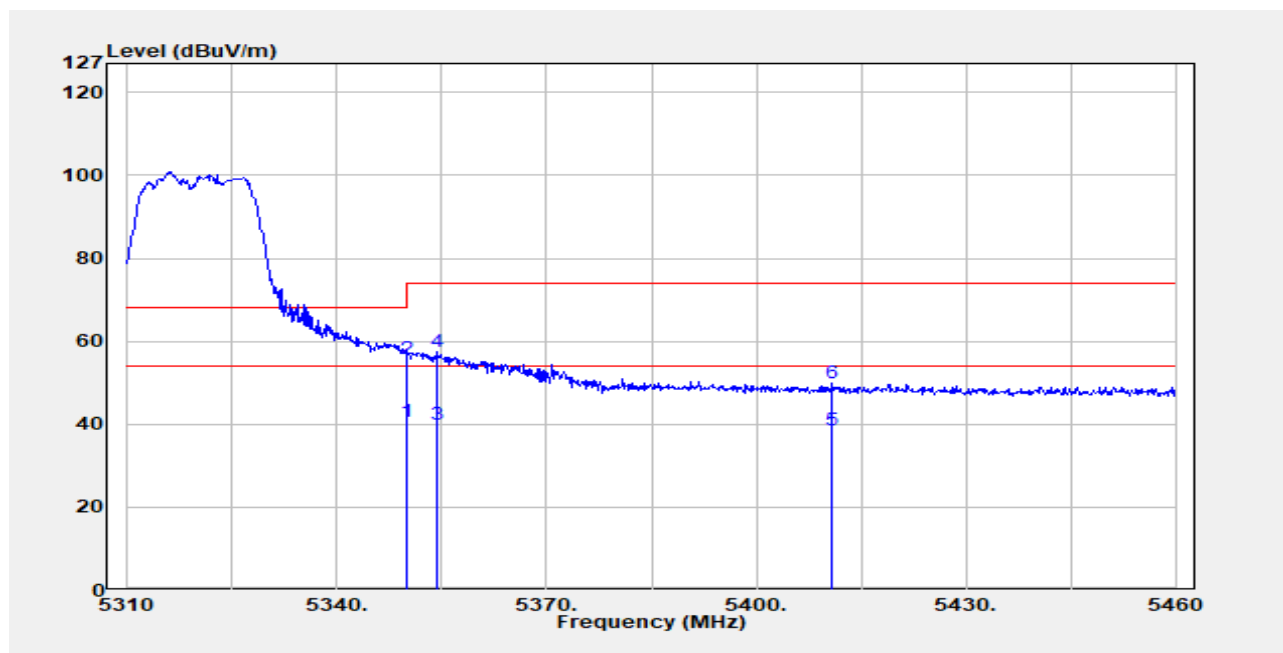
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5320 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5350.00	Average	32.07	8.68	40.75	54.00	-13.25
5350.00	Peak	47.20	8.68	55.87	74.00	-18.13
5354.40	Average	31.15	8.73	39.88	54.00	-14.12
5354.40	Peak	48.71	8.73	57.44	74.00	-16.56
5410.95	Average	29.54	9.13	38.67	54.00	-15.33
5410.95	Peak	40.83	9.13	49.96	74.00	-24.04

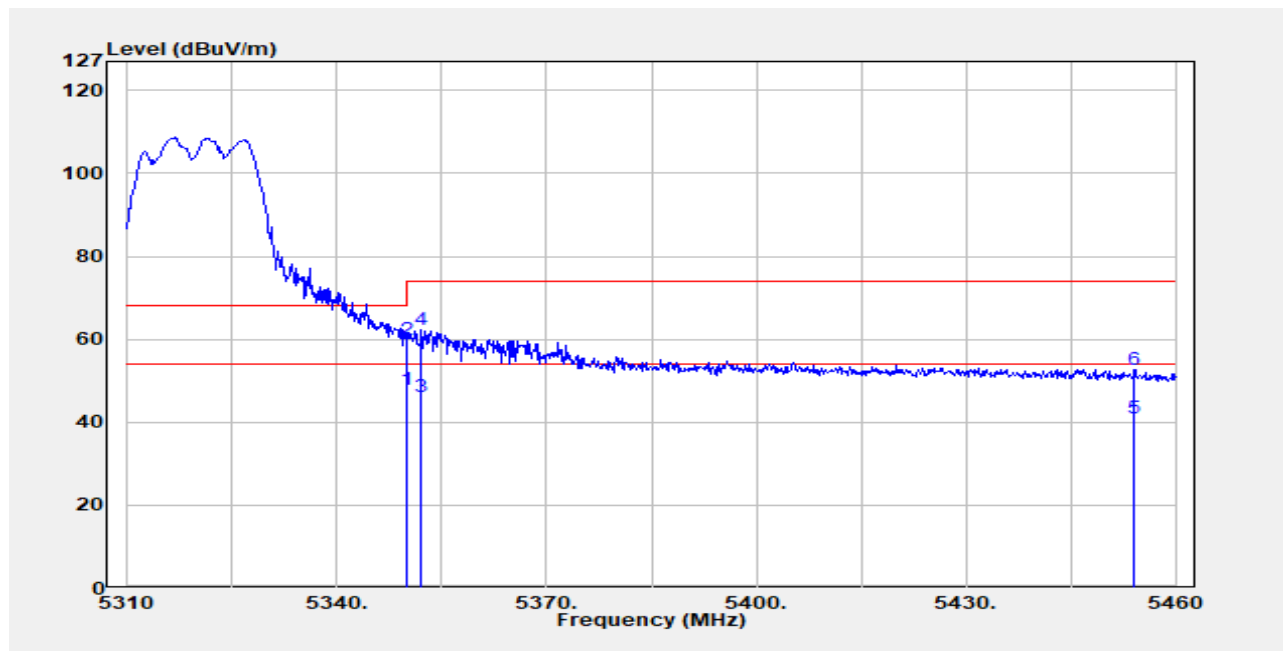
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Report Number :ER/2021/C0049
Operation Mode :802.11a
Test Frequency :5320 MHz
Test Mode :Bandedge CH High
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-28
Temp./Humi. :22.6/54
Antenna Pol. :Horizontal
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5350.00	Average	39.14	8.68	47.82	54.00	-6.18
5350.00	Peak	51.18	8.68	59.86	74.00	-14.14
5352.00	Average	37.44	8.70	46.14	54.00	-7.86
5352.00	Peak	53.55	8.70	62.25	74.00	-11.75
5454.15	Average	32.42	8.70	41.12	54.00	-12.88
5454.15	Peak	44.04	8.70	52.74	74.00	-21.26

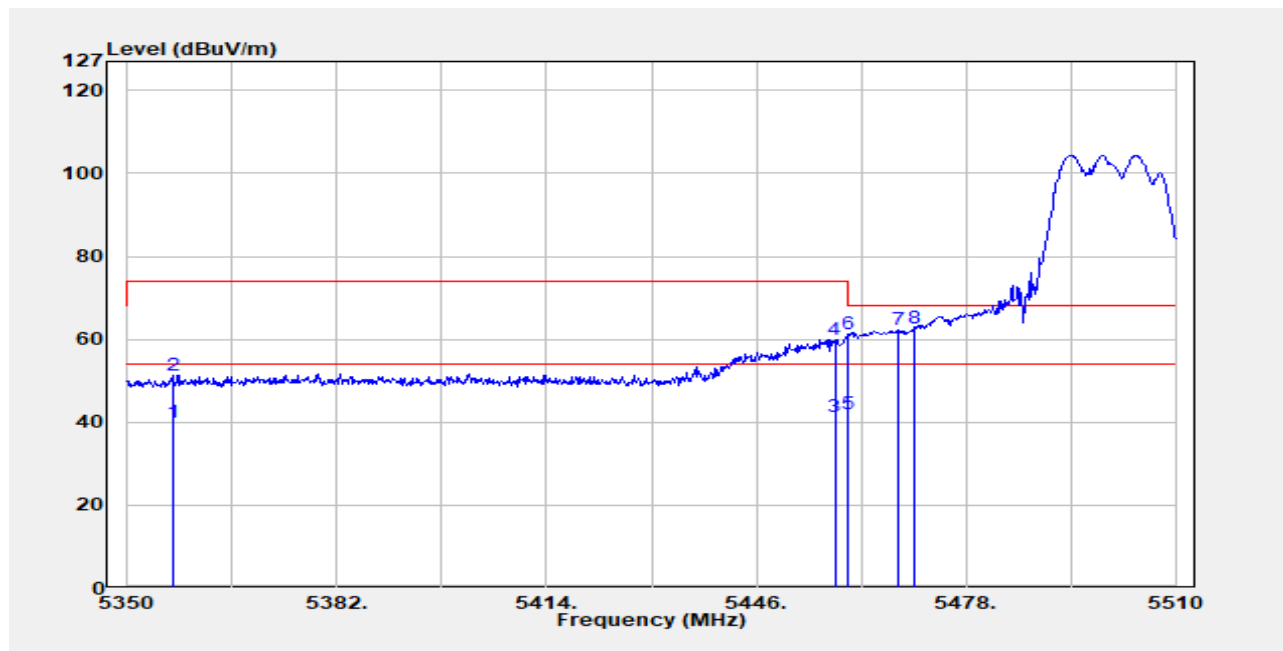
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5500 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5356.88	Average	31.12	8.76	39.88	54.00	-14.12
5356.88	Peak	42.54	8.76	51.29	74.00	-22.71
5458.00	Average	32.67	8.67	41.34	54.00	-12.66
5458.00	Peak	51.31	8.67	59.98	74.00	-14.02
5460.00	Average	33.46	8.66	42.12	54.00	-11.88
5460.00	Peak	52.71	8.66	61.36	74.00	-12.64
5467.60	Peak	53.65	8.61	62.26	68.20	-5.94
5470.00	Peak	53.93	8.59	62.53	68.20	-5.67

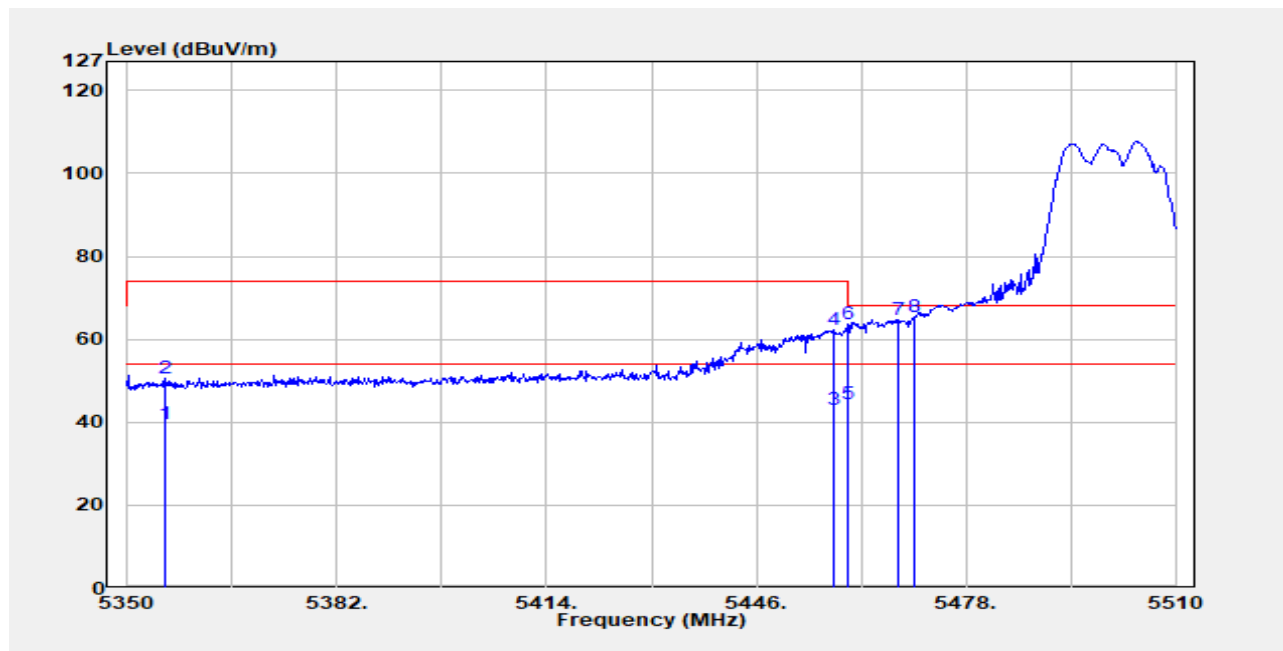
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Report Number :ER/2021/C0049
Operation Mode :802.11a
Test Frequency :5500 MHz
Test Mode :Bandedge CH Low
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-28
Temp./Humi. :22.6/54
Antenna Pol. :Horizontal
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
5355.76	Average	30.70	8.74	39.44	54.00	-14.56
5355.76	Peak	42.02	8.74	50.76	74.00	-23.24
5457.84	Average	34.31	8.67	42.98	54.00	-11.02
5457.84	Peak	53.70	8.67	62.37	74.00	-11.63
5460.00	Average	35.65	8.66	44.31	54.00	-9.69
5460.00	Peak	54.86	8.66	63.52	74.00	-10.48
5467.76	Peak	56.17	8.61	64.78	68.20	-3.42
5470.00	Peak	56.75	8.59	65.35	68.20	-2.85

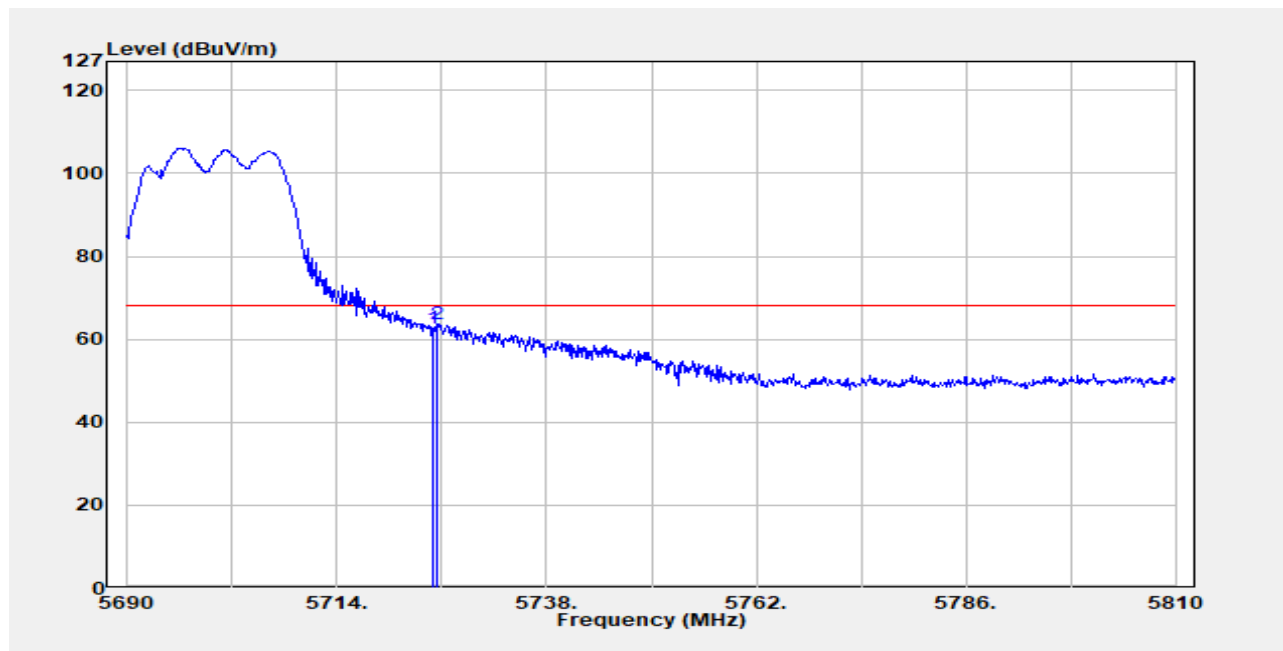
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5700 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5725.00	Peak	54.14	8.42	62.56	68.20	-5.64
5725.40	Peak	55.22	8.42	63.64	68.20	-4.56

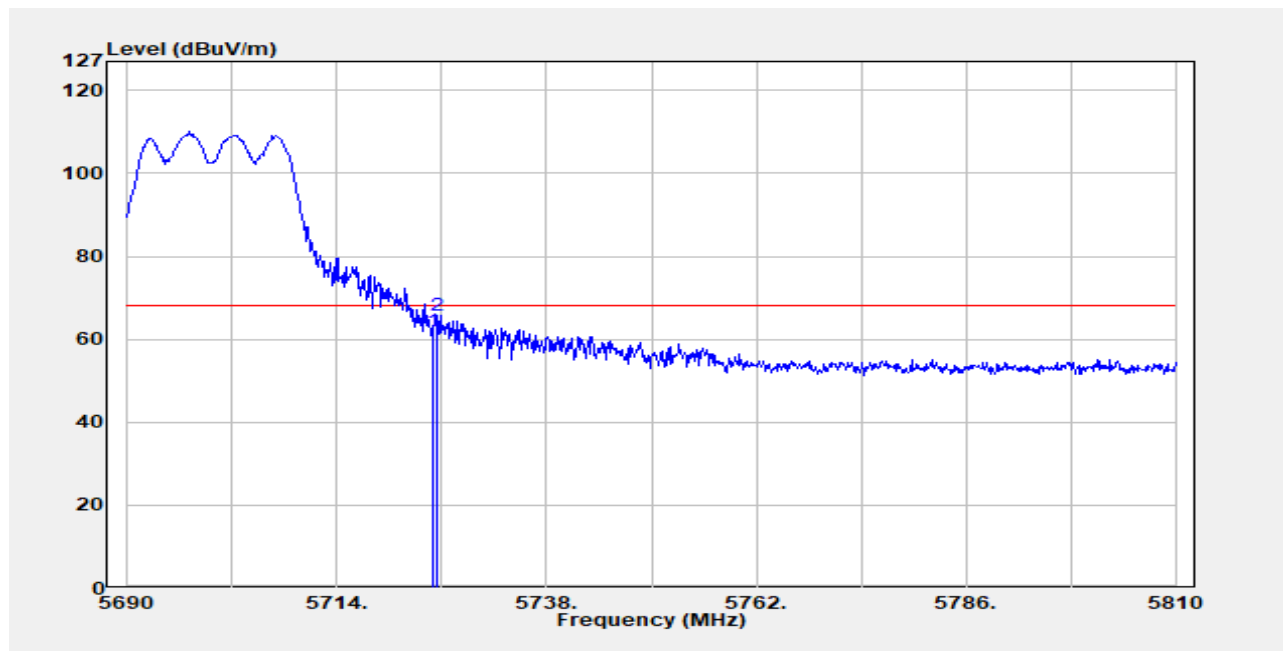
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5700 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5725.00	Peak	53.58	8.42	62.01	68.20	-6.19
5725.52	Peak	57.48	8.43	65.90	68.20	-2.30

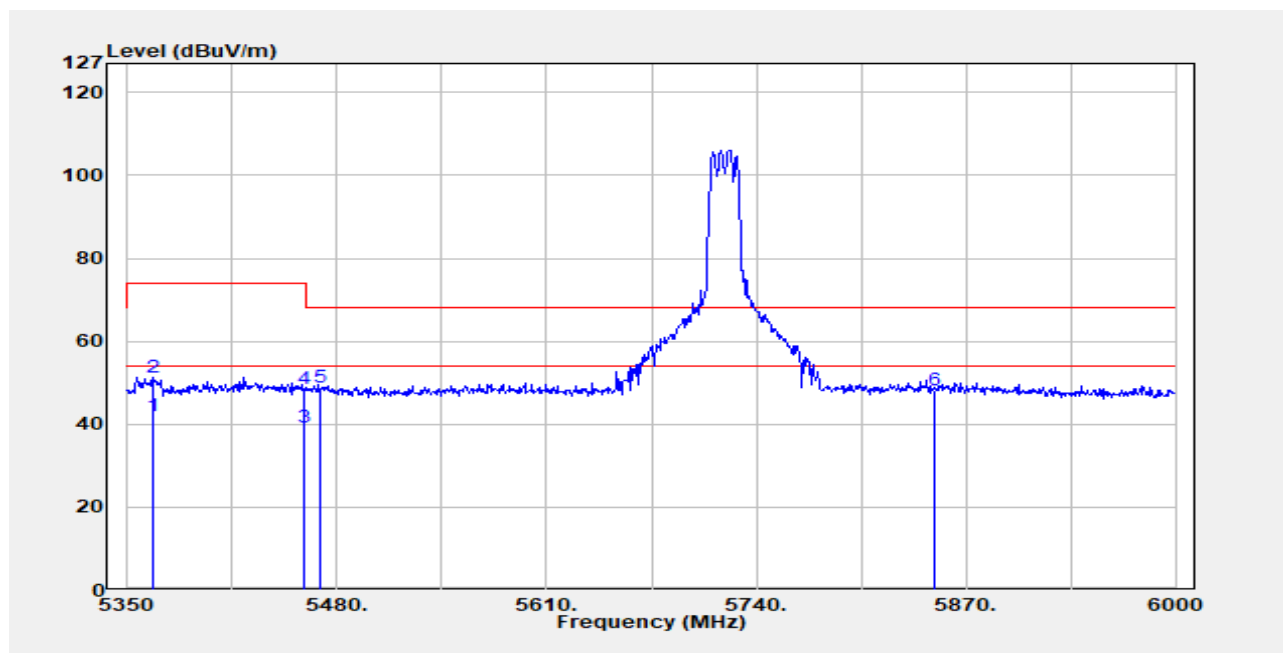
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5720 MHz
 Test Mode :Bandedge CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5365.60	Average	33.04	8.85	41.89	54.00	-12.11
5365.60	Peak	42.58	8.85	51.43	74.00	-22.57
5460.00	Average	30.50	8.66	39.16	54.00	-14.84
5460.00	Peak	39.81	8.66	48.47	74.00	-25.53
5470.00	Peak	40.19	8.59	48.79	68.20	-19.41
5850.00	Peak	39.29	8.93	48.22	68.20	-19.98

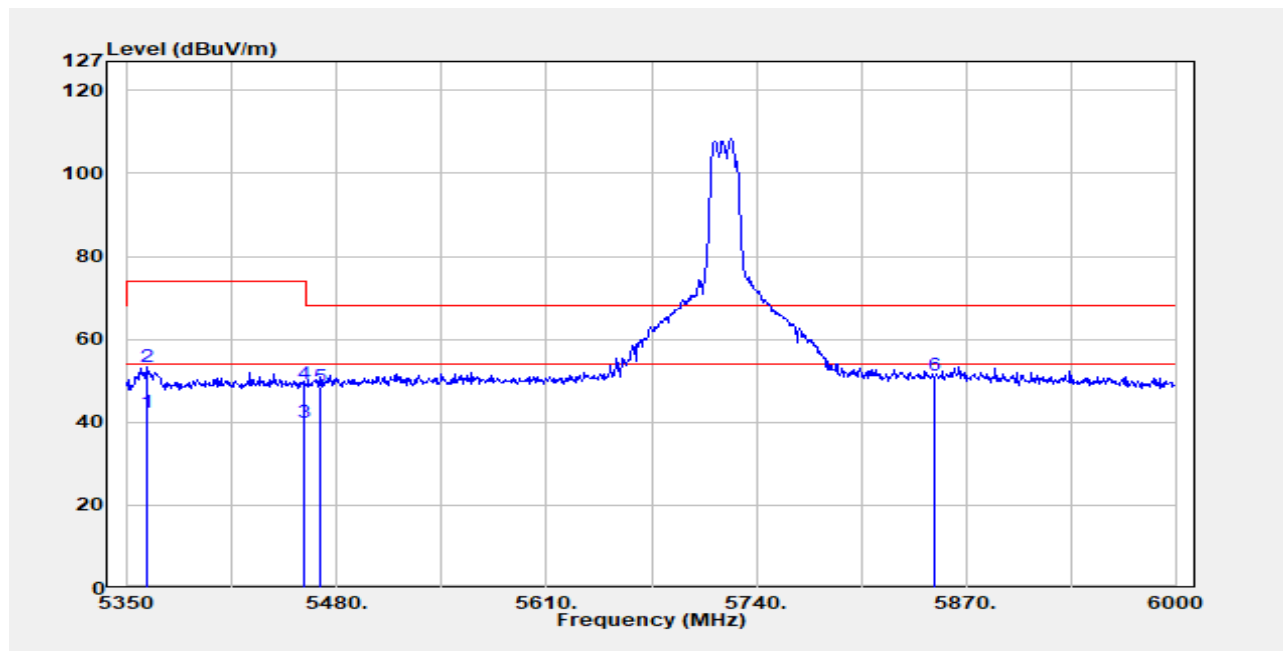
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5720 MHz
 Test Mode :Bandedge CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5361.70	Average	33.56	8.81	42.37	54.00	-11.63
5361.70	Peak	44.68	8.81	53.50	74.00	-20.50
5460.00	Average	31.24	8.66	39.90	54.00	-14.10
5460.00	Peak	40.40	8.66	49.06	74.00	-24.94
5470.00	Peak	39.95	8.59	48.55	68.20	-19.65
5850.00	Peak	42.37	8.93	51.31	68.20	-16.89

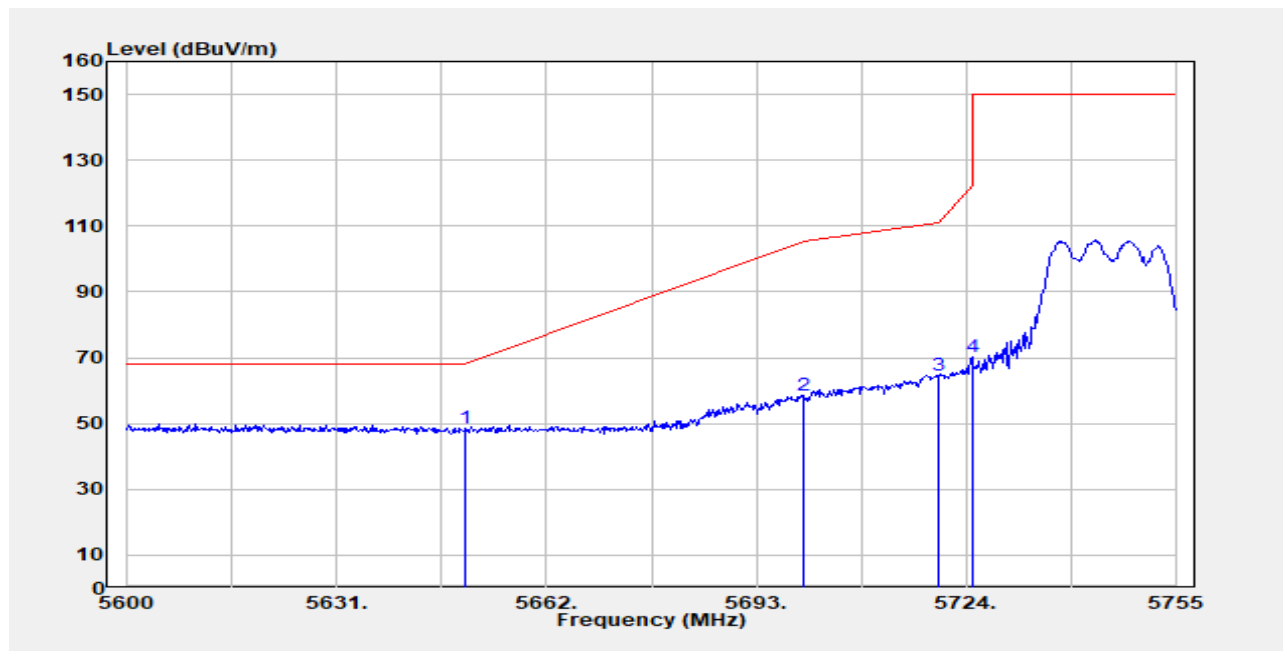
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5745 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5650.00	Peak	40.82	7.80	48.62	68.20	-19.58
5700.00	Peak	50.10	8.25	58.35	105.20	-46.85
5720.00	Peak	56.02	8.39	64.41	110.80	-46.39
5725.00	Peak	61.83	8.42	70.25	122.20	-51.95

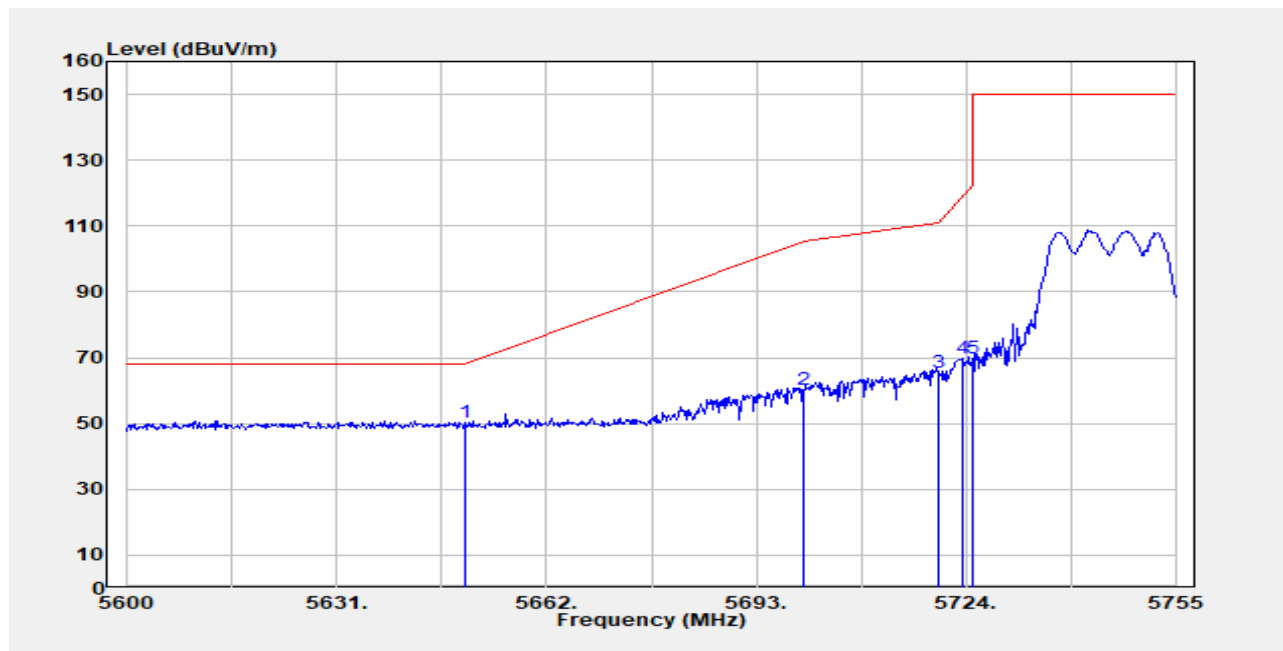
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5745 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5650.00	Peak	42.63	7.80	50.43	68.20	-17.77
5700.00	Peak	51.83	8.25	60.08	105.20	-45.12
5720.00	Peak	56.98	8.39	65.37	110.80	-45.43
5723.42	Peak	61.30	8.41	69.71	118.60	-48.88
5725.00	Peak	61.33	8.42	69.75	122.20	-52.45

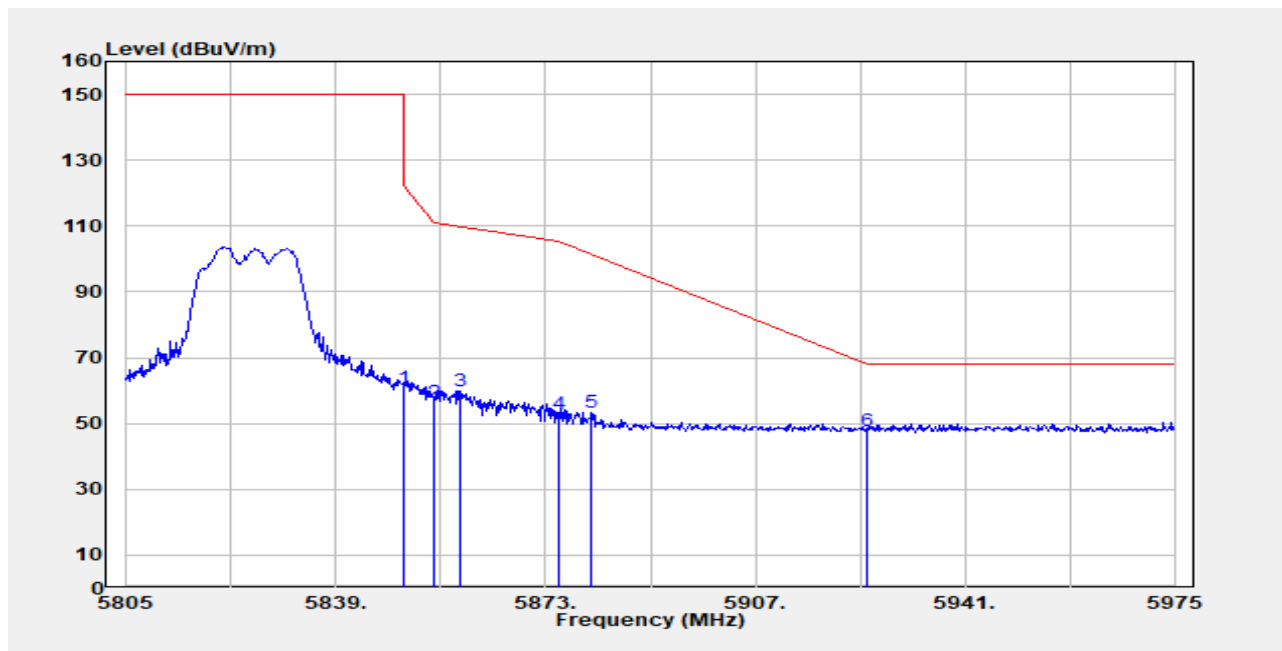
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5825 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5850.00	Peak	51.71	8.93	60.64	122.20	-61.56
5855.00	Peak	47.61	8.93	56.54	110.80	-54.26
5859.23	Peak	51.09	8.92	60.01	109.62	-49.60
5875.00	Peak	43.85	8.89	52.74	105.20	-52.46
5880.48	Peak	44.63	8.88	53.51	101.14	-47.63
5925.00	Peak	38.81	8.85	47.66	68.20	-20.54

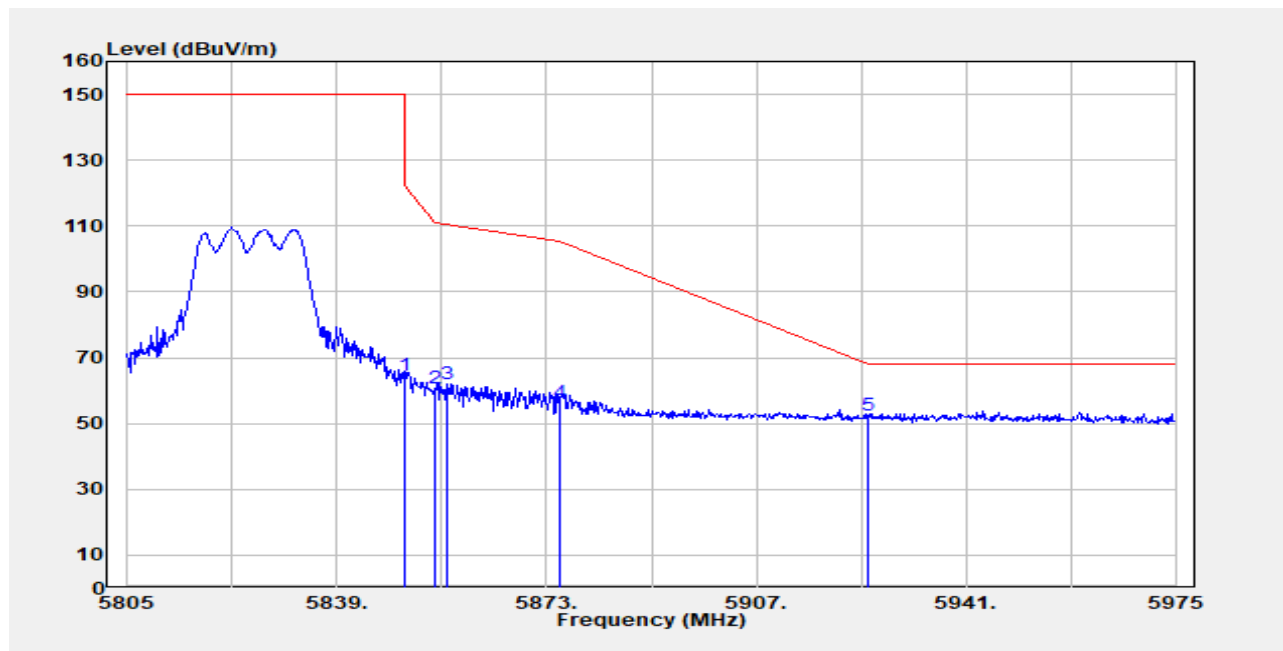
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Report Number :ER/2021/C0049
 Operation Mode :802.11a
 Test Frequency :5825 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5850.00	Peak	55.61	8.93	64.55	122.20	-57.65
5855.00	Peak	51.95	8.93	60.87	110.80	-49.93
5856.85	Peak	53.29	8.92	62.21	110.28	-48.07
5875.00	Peak	47.47	8.89	56.36	105.20	-48.84
5925.00	Peak	43.55	8.85	52.40	68.20	-15.80

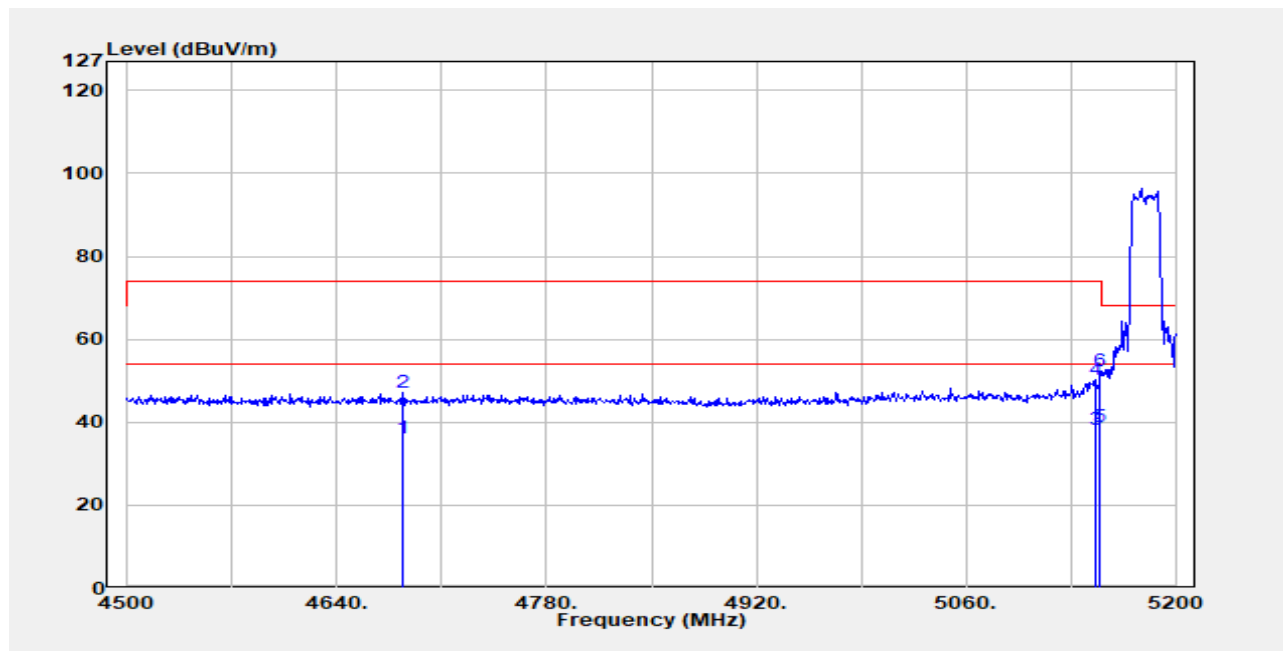
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5180 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
4683.40	Average	29.58	6.56	36.14	54.00	-17.86
4683.40	Peak	40.44	6.56	47.00	74.00	-27.00
5146.80	Average	30.48	7.82	38.30	54.00	-15.70
5146.80	Peak	42.48	7.82	50.30	74.00	-23.70
5150.00	Average	30.94	7.82	38.76	54.00	-15.24
5150.00	Peak	44.37	7.82	52.19	74.00	-21.81

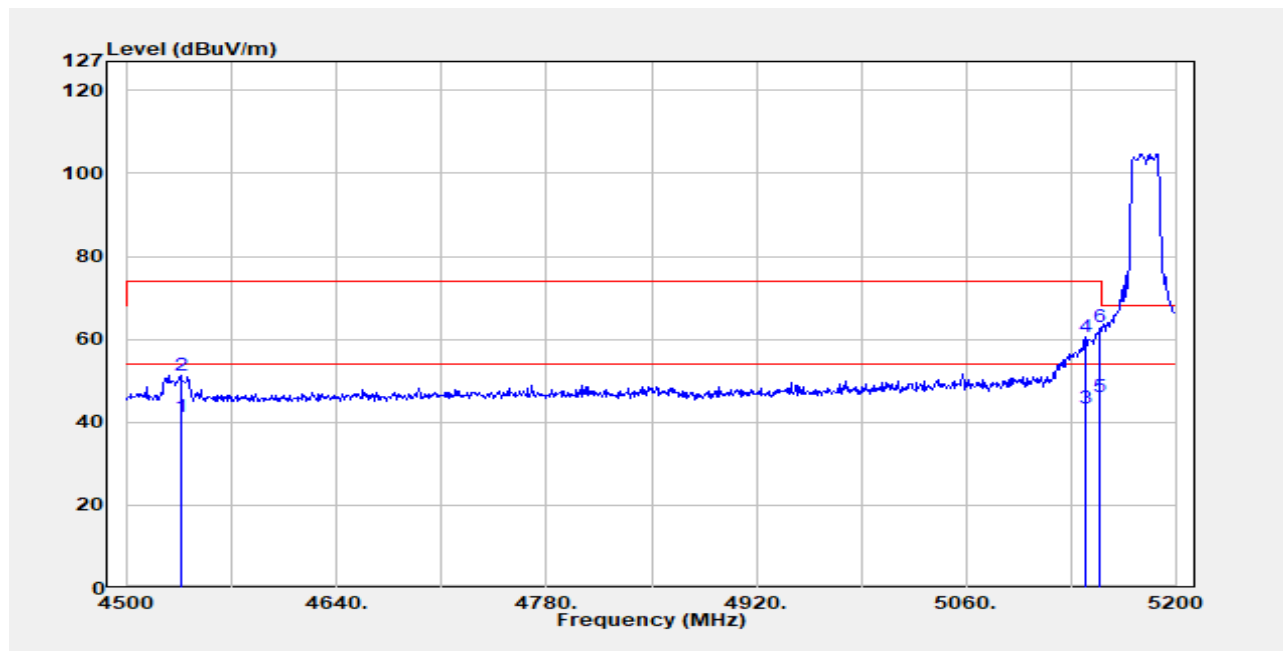
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5180 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
4535.70	Average	34.66	6.76	41.42	54.00	-12.58
4535.70	Peak	44.52	6.76	51.28	74.00	-22.72
5139.80	Average	35.58	7.80	43.38	54.00	-10.62
5139.80	Peak	52.80	7.80	60.60	74.00	-13.40
5150.00	Average	38.19	7.82	46.01	54.00	-7.99
5150.00	Peak	55.15	7.82	62.98	74.00	-11.02

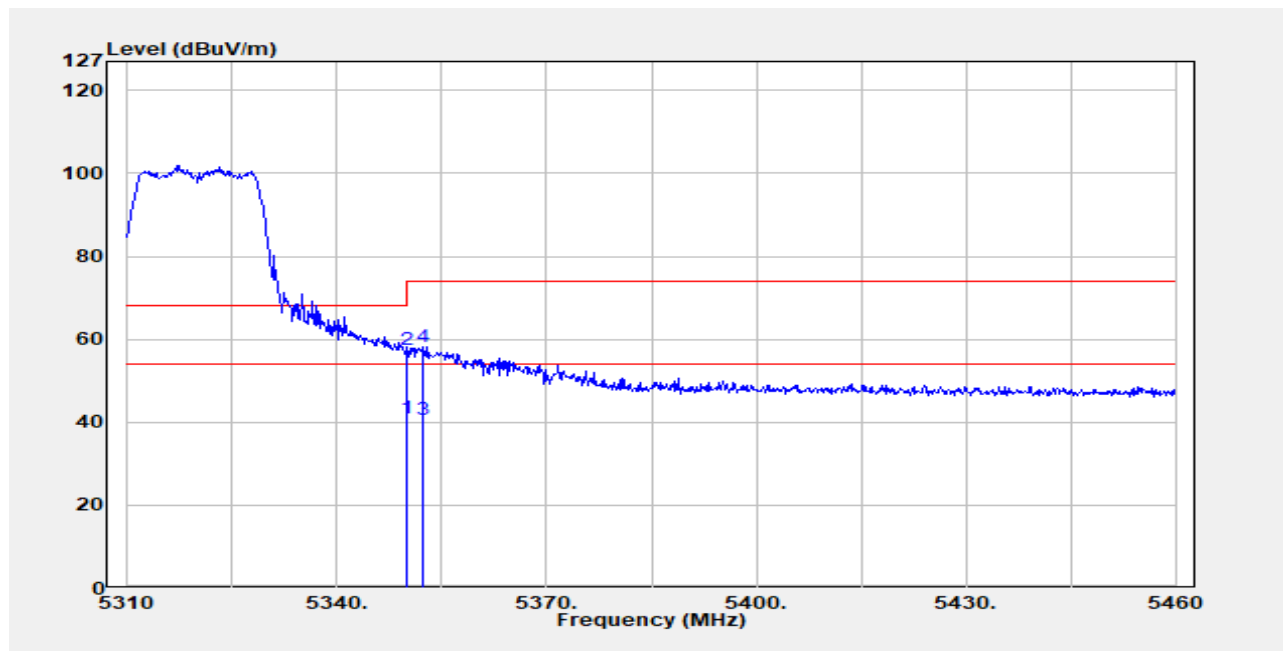
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5320 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5350.00	Average	32.35	8.68	41.03	54.00	-12.97
5350.00	Peak	48.81	8.68	57.49	74.00	-16.51
5352.15	Average	31.93	8.70	40.63	54.00	-13.37
5352.15	Peak	49.49	8.70	58.19	74.00	-15.81

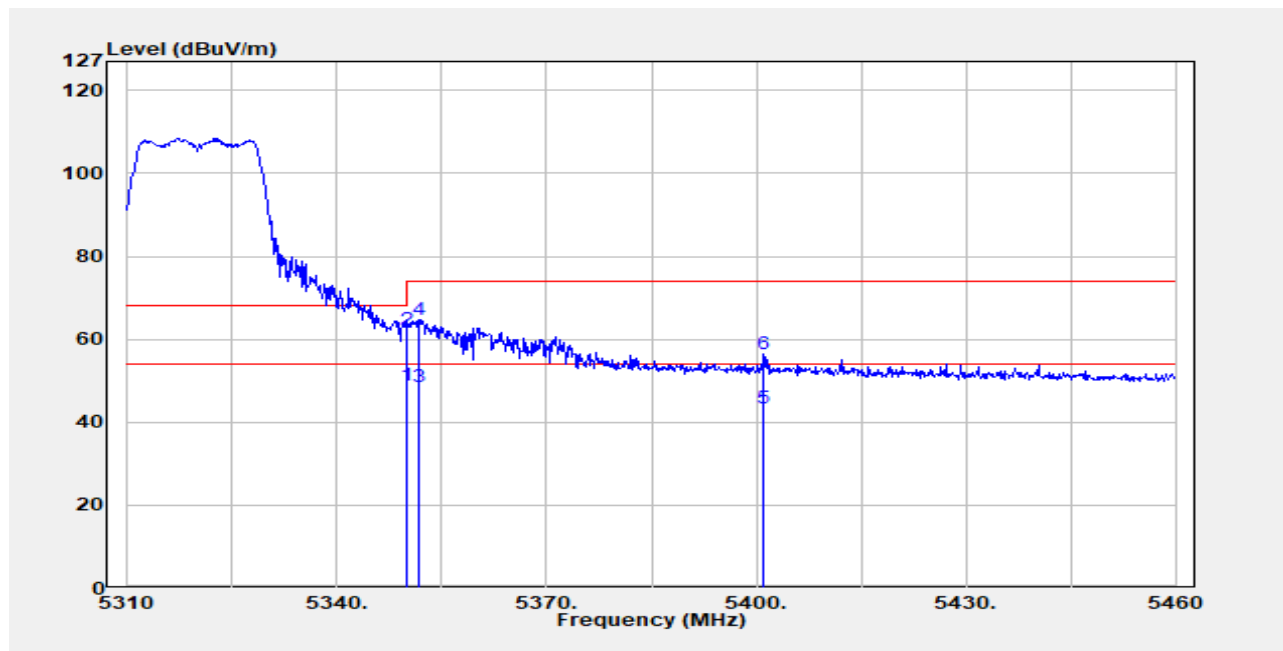
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5320 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5350.00	Average	40.30	8.68	48.98	54.00	-5.02
5350.00	Peak	53.47	8.68	62.15	74.00	-11.85
5351.70	Average	39.72	8.70	48.42	54.00	-5.58
5351.70	Peak	56.11	8.70	64.80	74.00	-9.20
5401.05	Average	33.96	9.23	43.19	54.00	-10.81
5401.05	Peak	47.28	9.23	56.51	74.00	-17.49

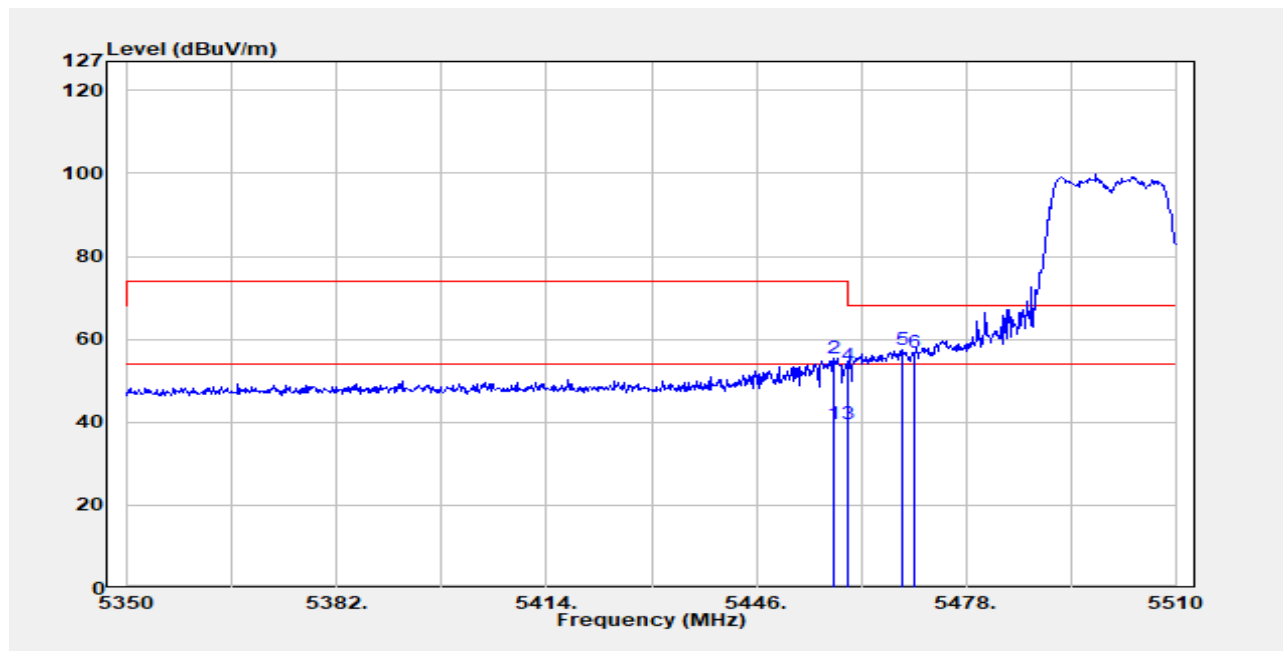
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5500 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5457.84	Average	30.74	8.67	39.41	54.00	-14.59
5457.84	Peak	46.65	8.67	55.33	74.00	-18.67
5460.00	Average	30.99	8.66	39.65	54.00	-14.35
5460.00	Peak	45.00	8.66	53.66	74.00	-20.34
5468.40	Peak	48.72	8.60	57.32	68.20	-10.88
5470.00	Peak	48.09	8.59	56.68	68.20	-11.52

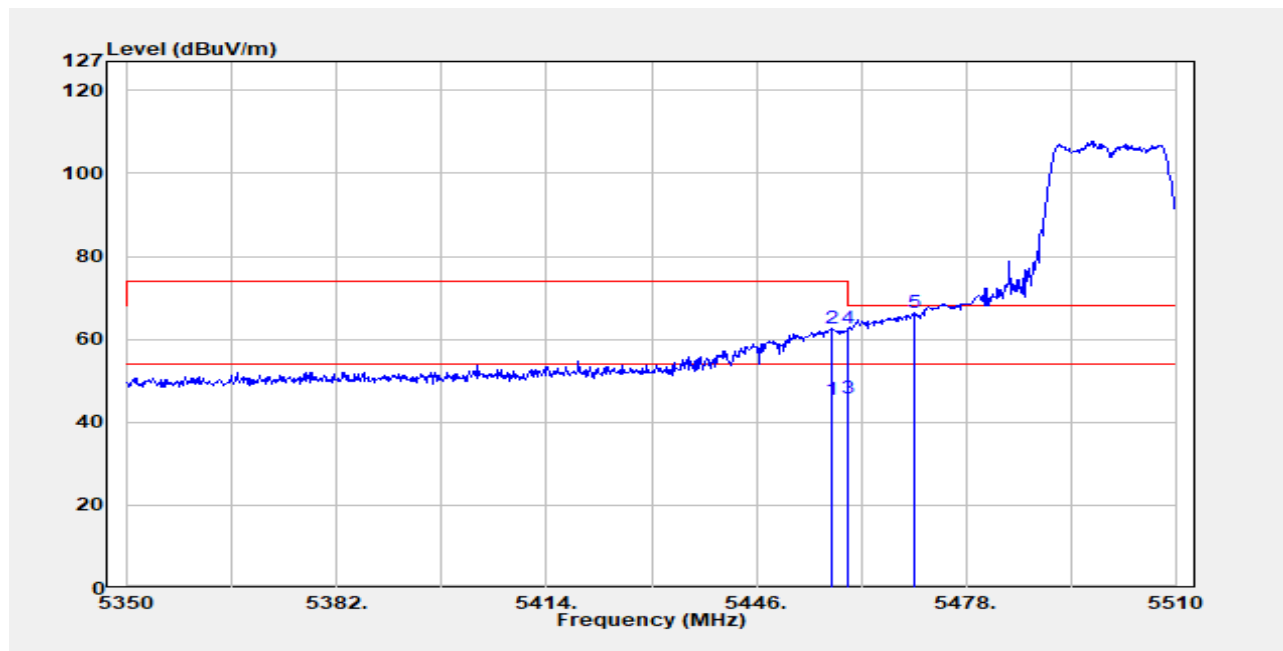
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5500 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5457.52	Average	36.60	8.67	45.27	54.00	-8.73
5457.52	Peak	53.89	8.67	62.56	74.00	-11.44
5460.00	Average	37.24	8.66	45.90	54.00	-8.10
5460.00	Peak	54.12	8.66	62.78	74.00	-11.22
5470.00	Peak	57.74	8.59	66.33	68.20	-1.87

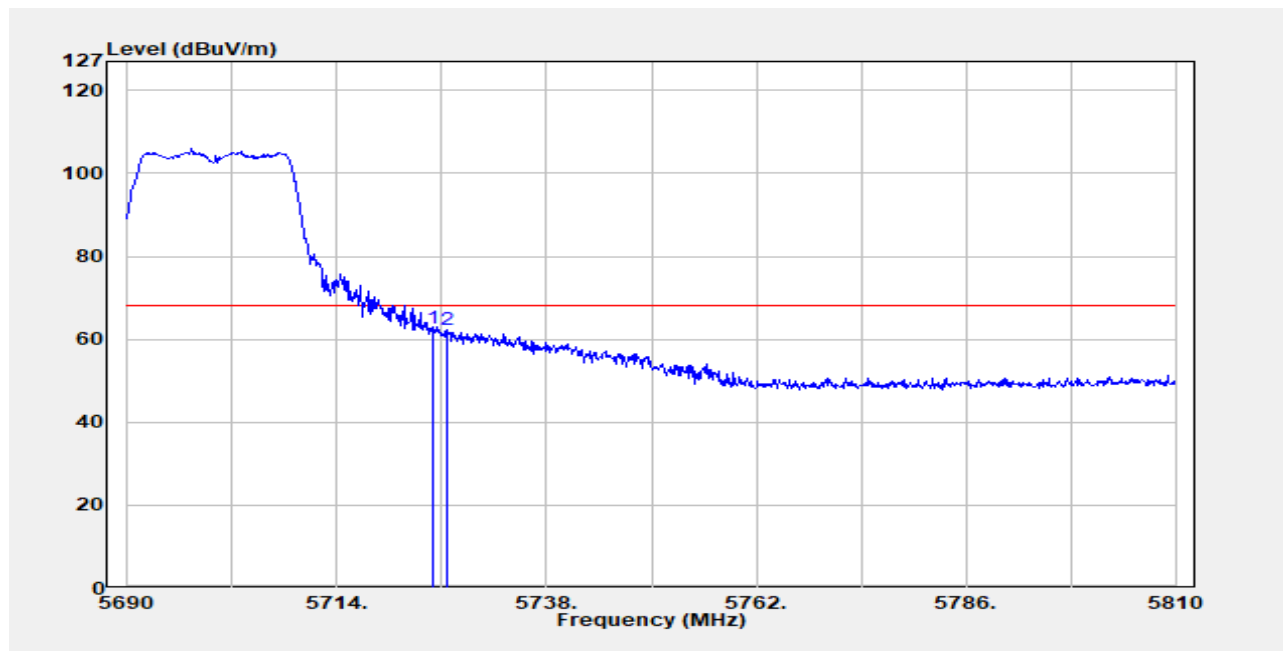
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5700 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5725.00	Peak	54.21	8.42	62.63	68.20	-5.57
5726.60	Peak	53.95	8.43	62.38	68.20	-5.82

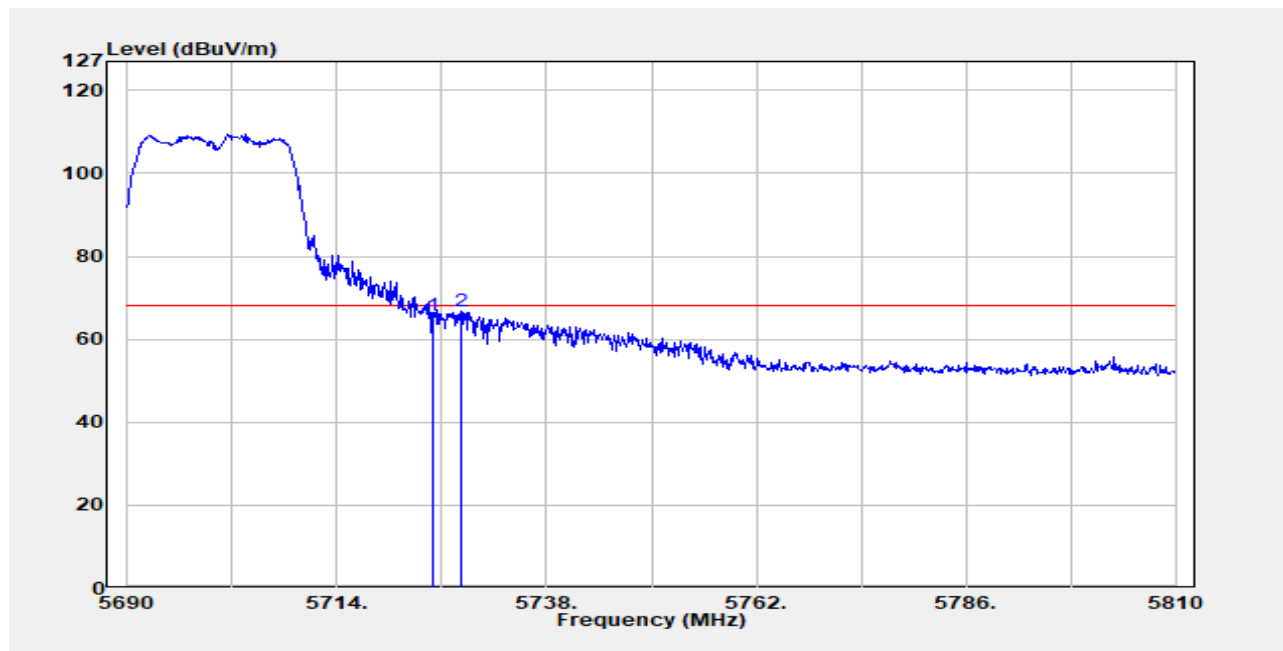
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5700 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5725.00	Peak	57.45	8.42	65.87	68.20	-2.33
5728.16	Peak	58.27	8.44	66.72	68.20	-1.48

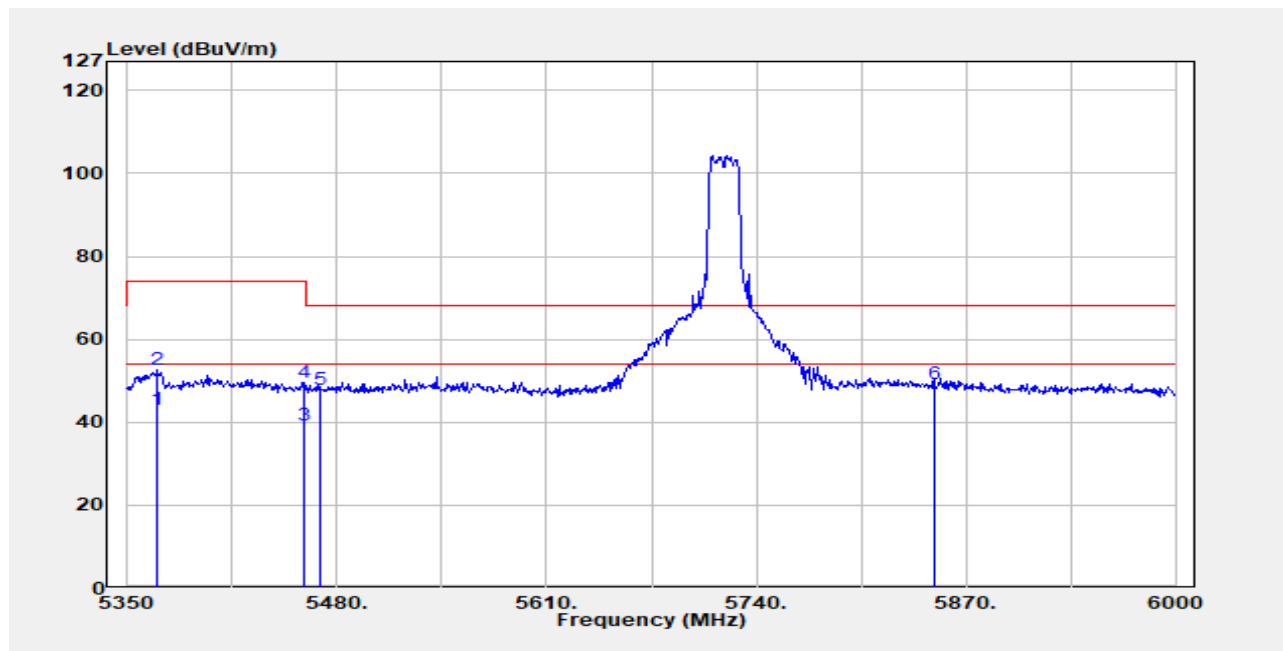
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5720 MHz
 Test Mode :Bandedge CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5368.85	Average	34.10	8.89	42.99	54.00	-11.01
5368.85	Peak	43.60	8.89	52.49	74.00	-21.51
5460.00	Average	30.45	8.66	39.11	54.00	-14.89
5460.00	Peak	40.92	8.66	49.58	74.00	-24.42
5470.00	Peak	39.12	8.59	47.72	68.20	-20.48
5850.00	Peak	40.20	8.93	49.14	68.20	-19.06

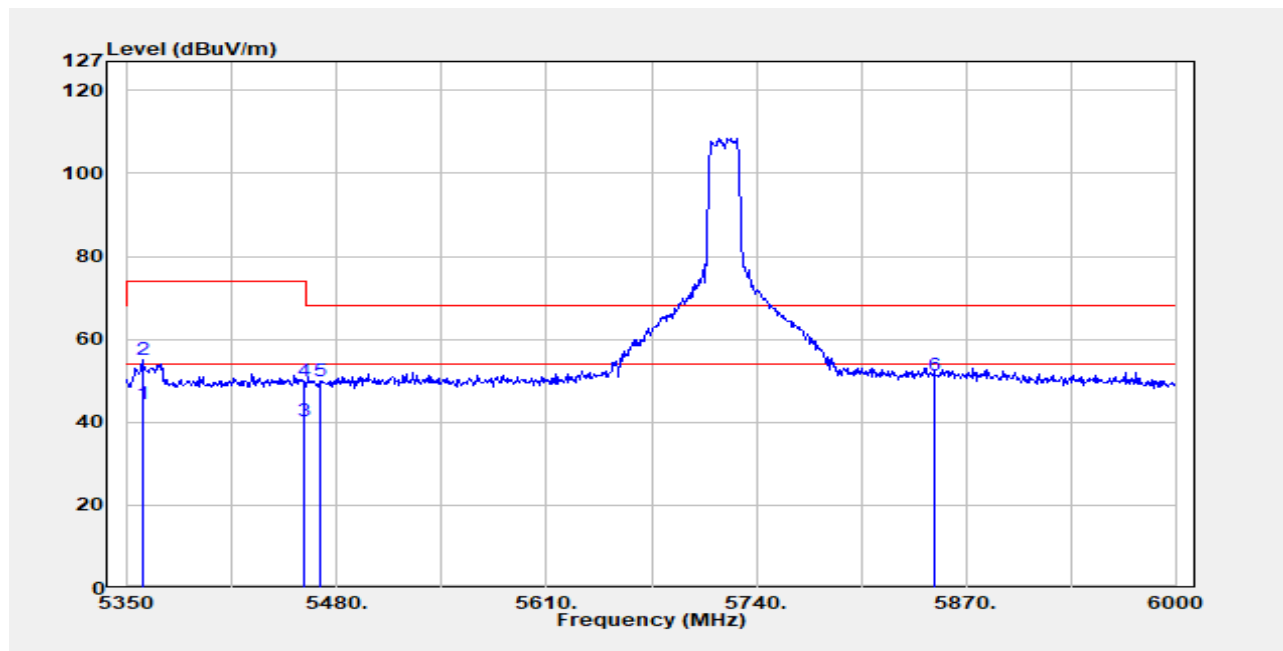
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5720 MHz
 Test Mode :Bandedge CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5359.10	Average	35.77	8.78	44.55	54.00	-9.45
5359.10	Peak	46.16	8.78	54.94	74.00	-19.06
5460.00	Average	31.58	8.66	40.24	54.00	-13.76
5460.00	Peak	41.32	8.66	49.98	74.00	-24.02
5720.00	Peak	41.26	8.59	49.85	68.20	-18.35
5850.00	Peak	42.46	8.93	51.40	68.20	-16.80

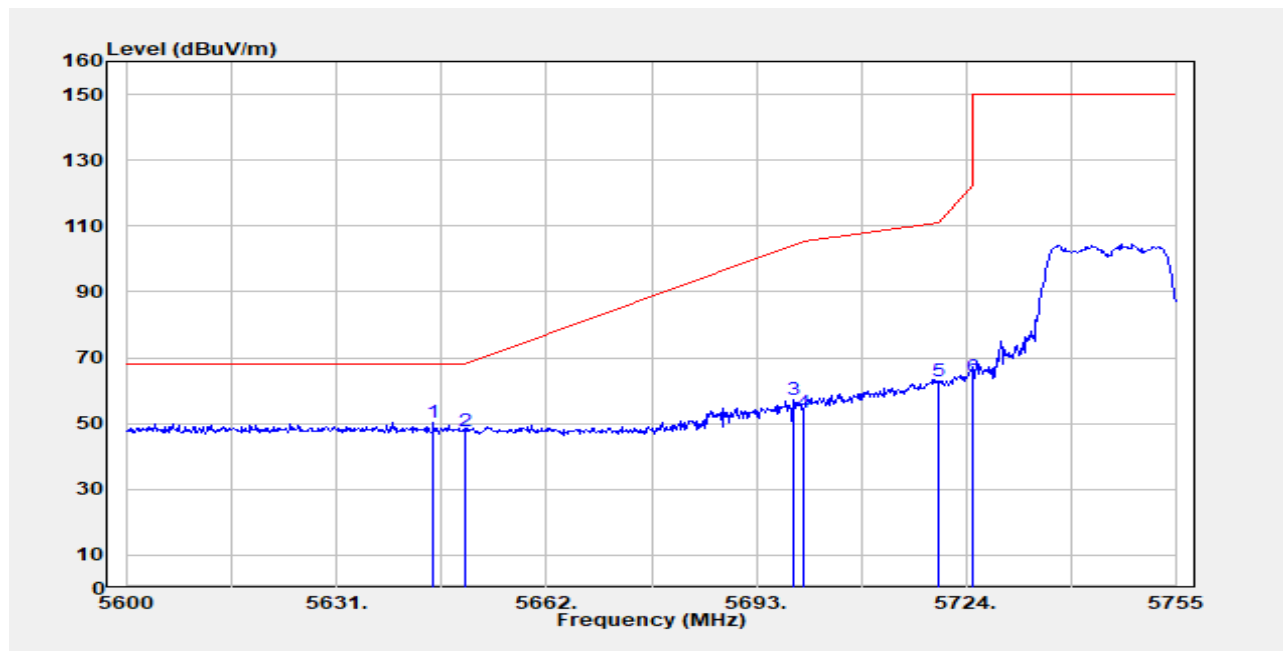
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Report Number :ER/2021/C0049
Operation Mode :802.11n20
Test Frequency :5745 MHz
Test Mode :Bandedge CH Low
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-28
Temp./Humi. :22.6/54
Antenna Pol. :Vertical
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5645.21	Peak	42.66	7.79	50.45	68.20	-17.75
5650.00	Peak	40.09	7.80	47.89	68.20	-20.31
5698.51	Peak	48.81	8.24	57.05	104.09	-47.04
5700.00	Peak	44.86	8.25	53.12	105.20	-52.08
5720.00	Peak	54.31	8.39	62.69	110.80	-48.11
5725.00	Peak	55.80	8.42	64.22	122.20	-57.98

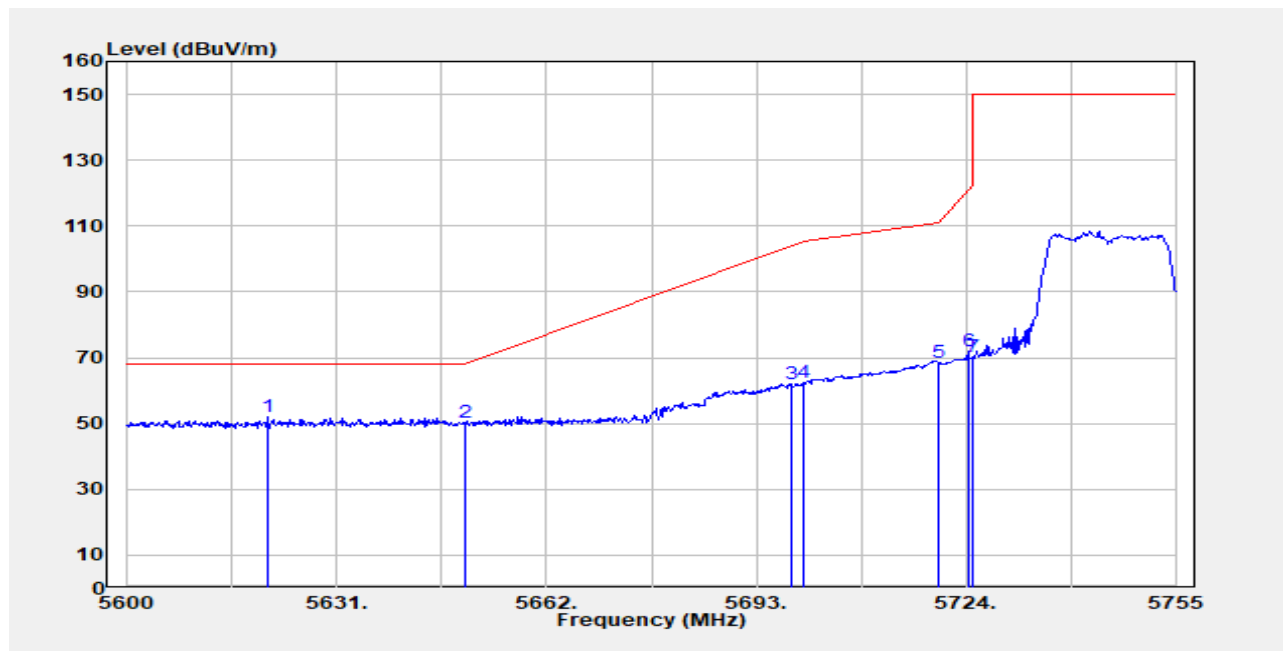
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5745 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5620.63	Peak	44.32	7.77	52.09	68.20	-16.11
5650.00	Peak	42.65	7.80	50.45	68.20	-17.75
5698.18	Peak	53.89	8.24	62.13	103.85	-41.72
5700.00	Peak	54.14	8.25	62.39	105.20	-42.81
5720.00	Peak	59.97	8.39	68.35	110.80	-42.45
5724.41	Peak	63.53	8.42	71.95	120.86	-48.91
5725.00	Peak	61.88	8.42	70.30	122.20	-51.90

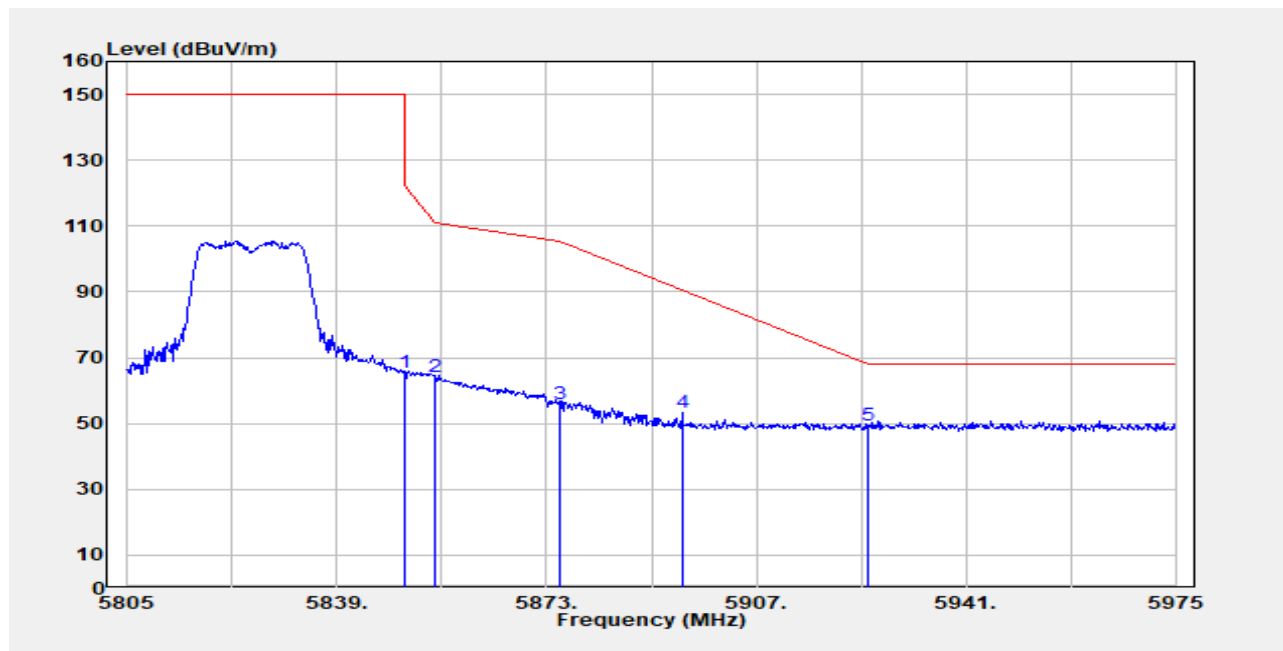
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5825 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5850.00	Peak	56.38	8.93	65.32	122.20	-56.88
5855.00	Peak	55.09	8.93	64.02	110.80	-46.78
5875.00	Peak	47.04	8.89	55.93	105.20	-49.27
5894.93	Peak	44.45	8.86	53.31	90.45	-37.14
5925.00	Peak	40.64	8.85	49.48	68.20	-18.72

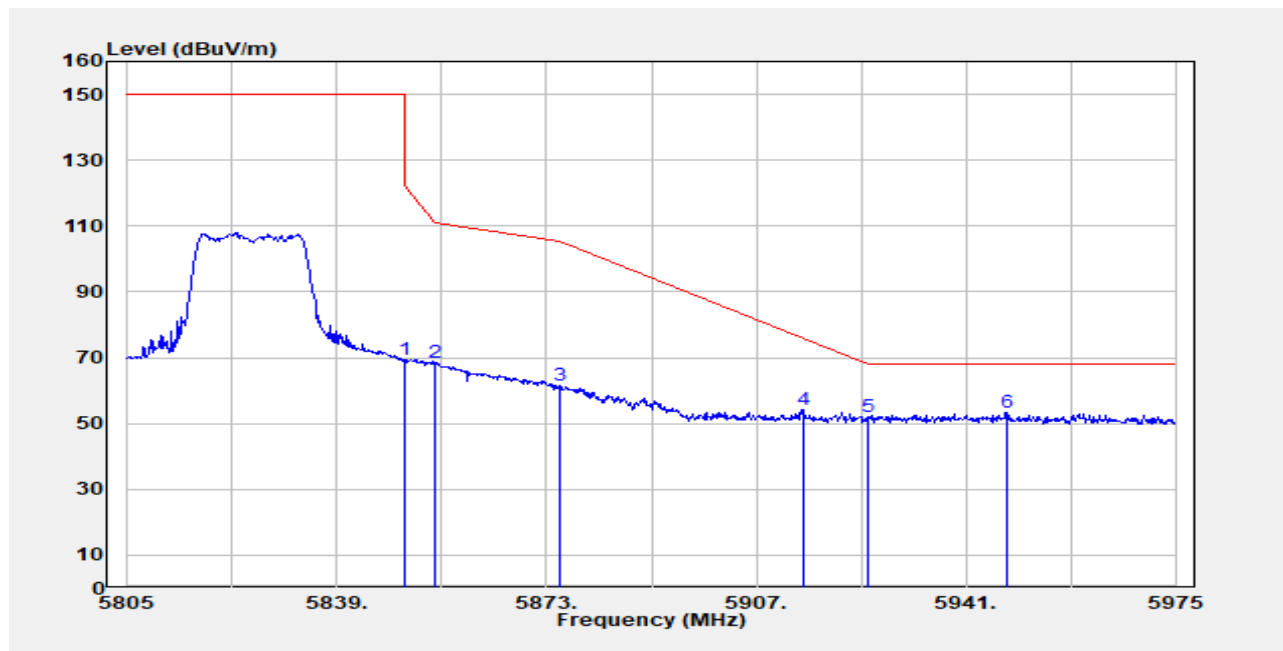
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Report Number :ER/2021/C0049
 Operation Mode :802.11n20
 Test Frequency :5825 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5850.00	Peak	60.34	8.93	69.28	122.20	-52.92
5855.00	Peak	59.69	8.93	68.62	110.80	-42.18
5875.00	Peak	52.50	8.89	61.39	105.20	-43.81
5914.82	Peak	45.54	8.85	54.39	75.73	-21.34
5925.00	Peak	43.00	8.85	51.84	68.20	-16.36
5947.63	Peak	44.62	8.84	53.46	68.20	-14.74

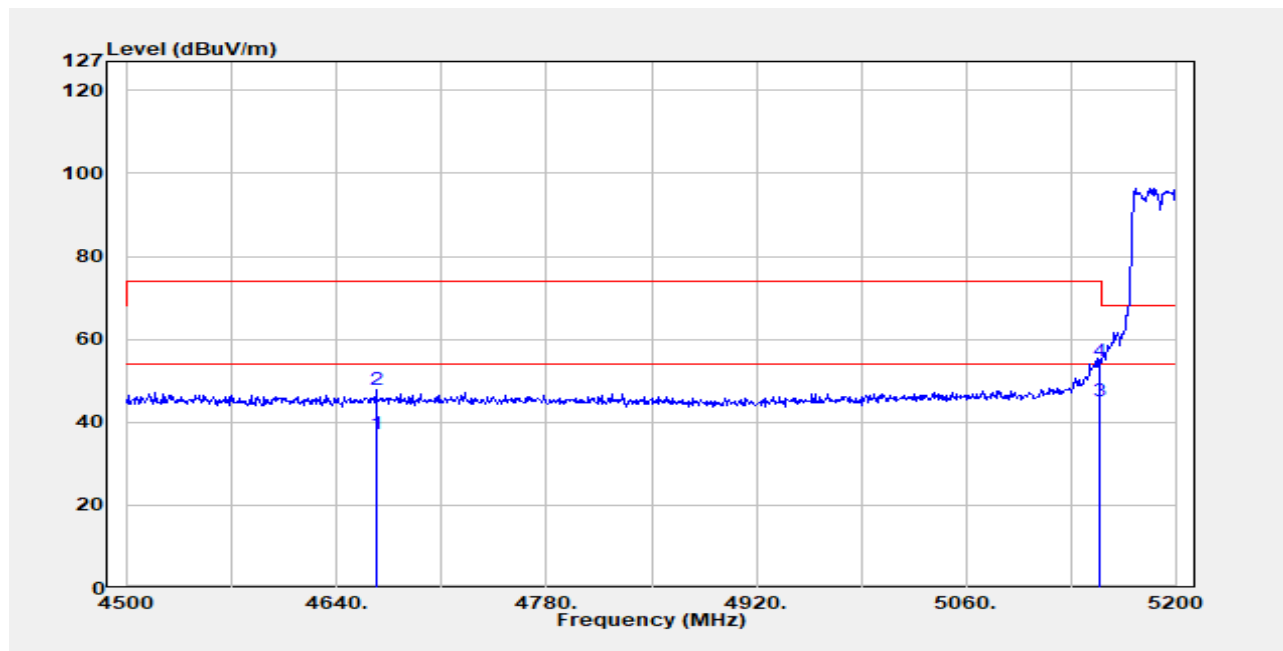
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5190 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
4665.90	Average	30.55	6.55	37.10	54.00	-16.90
4665.90	Peak	41.18	6.55	47.73	74.00	-26.27
5150.00	Average	37.26	7.82	45.08	54.00	-8.92
5150.00	Peak	46.75	7.82	54.58	74.00	-19.42

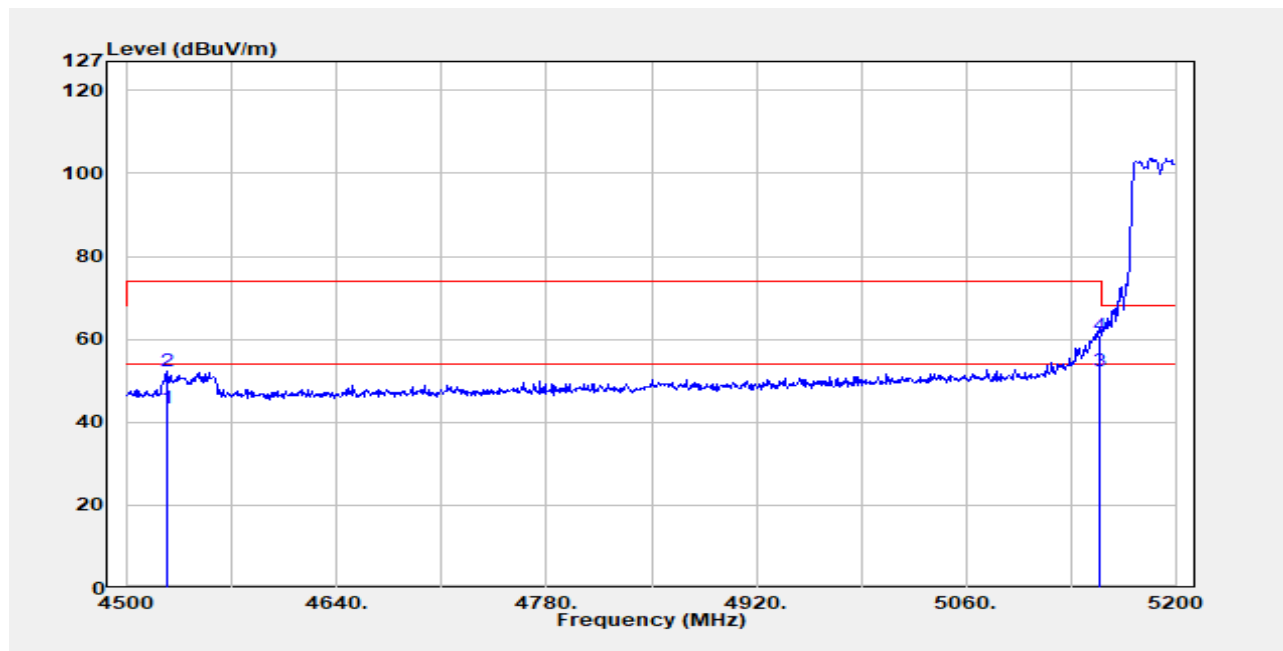
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5190 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4525.90	Average	36.62	6.81	43.43	54.00	-10.57
4525.90	Peak	45.53	6.81	52.34	74.00	-21.66
5150.00	Average	44.39	7.82	52.21	54.00	-1.79
5150.00	Peak	53.13	7.82	60.95	74.00	-13.05

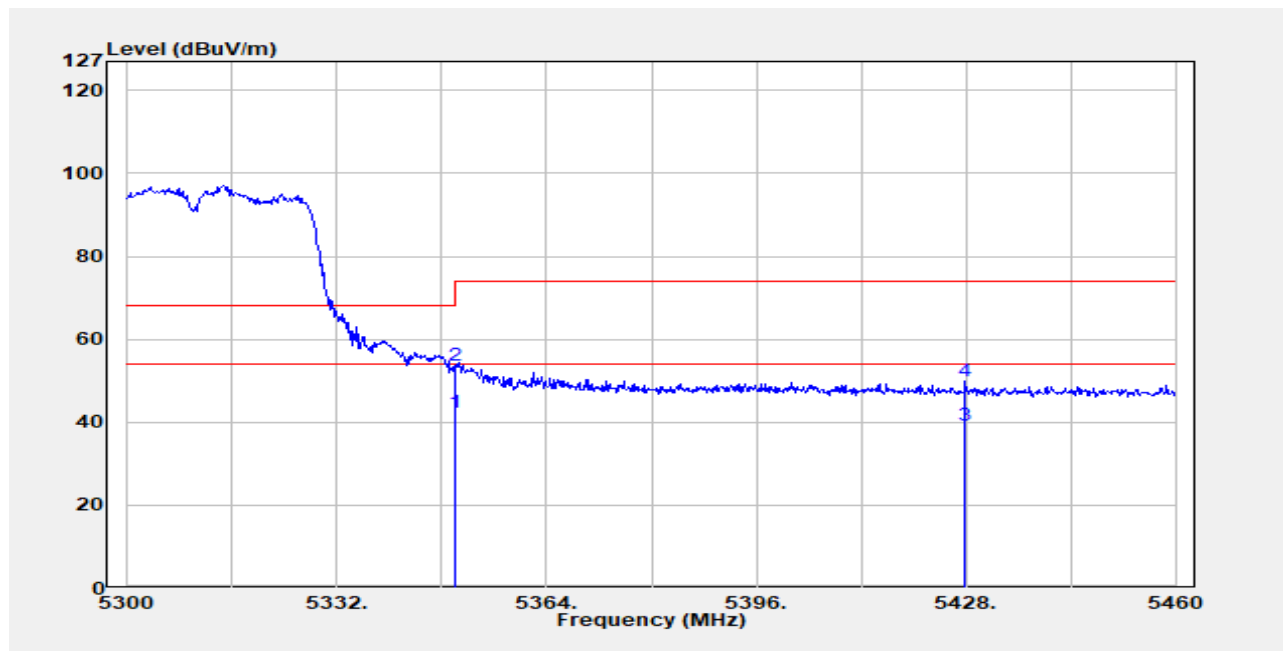
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5310 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-28
 Temp./Humi. :22.6/54
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5350.00	Average	33.77	8.68	42.45	54.00	-11.55
5350.00	Peak	44.84	8.68	53.52	74.00	-20.48
5427.84	Average	30.31	8.95	39.26	54.00	-14.74
5427.84	Peak	41.01	8.95	49.96	74.00	-24.04

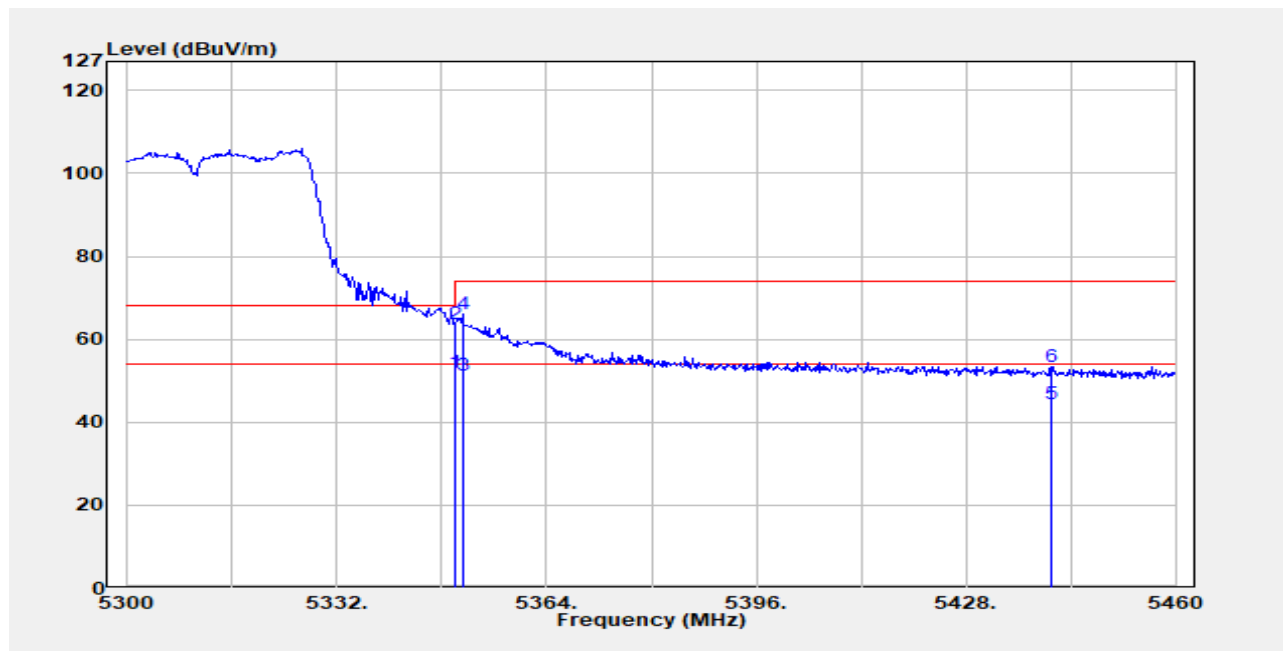
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Report Number :ER/2021/C0049
Operation Mode :802.11n40
Test Frequency :5310 MHz
Test Mode :Bandedge CH High
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-28
Temp./Humi. :22.6/54
Antenna Pol. :Horizontal
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
5350.00	Average	43.19	8.68	51.87	54.00	-2.13
5350.00	Peak	55.12	8.68	63.79	74.00	-10.21
5351.20	Average	42.75	8.69	51.44	54.00	-2.56
5351.20	Peak	57.23	8.69	65.92	74.00	-8.08
5440.96	Average	35.66	8.82	44.48	54.00	-9.52
5440.96	Peak	44.64	8.82	53.46	74.00	-20.54

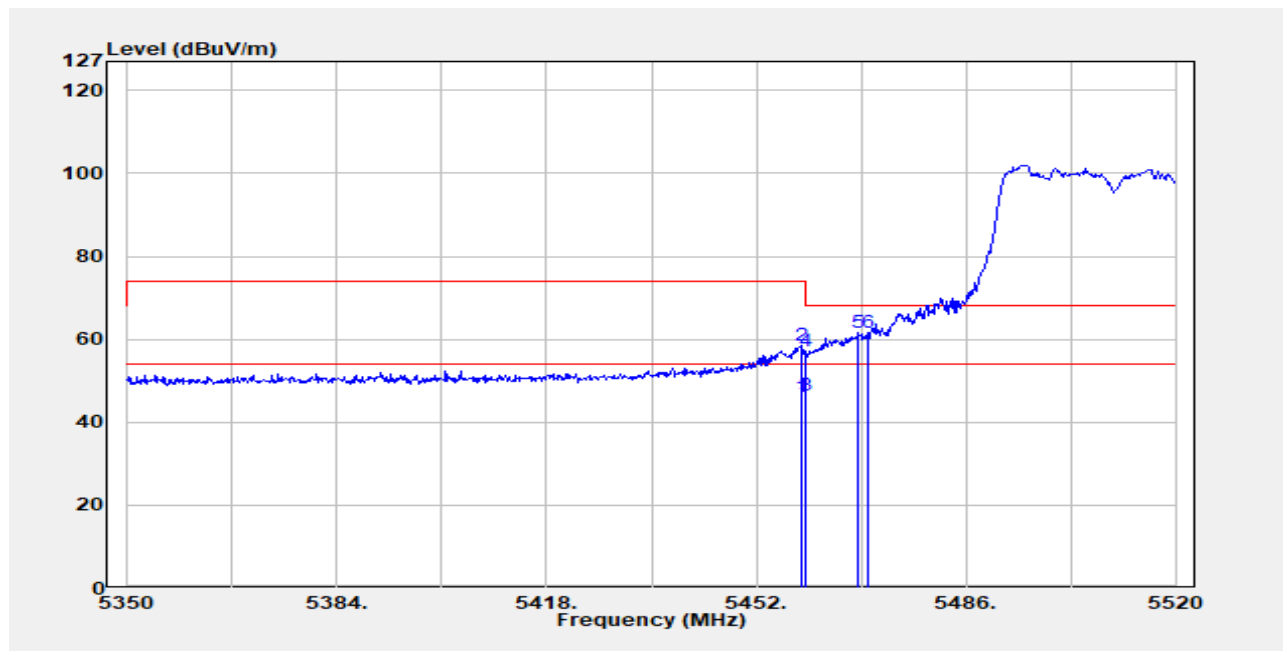
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5510 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5459.31	Average	37.47	8.66	46.13	54.00	-7.87
5459.31	Peak	50.01	8.66	58.67	74.00	-15.33
5460.00	Average	37.77	8.66	46.43	54.00	-7.57
5460.00	Peak	48.61	8.66	57.27	74.00	-16.73
5468.66	Peak	53.12	8.60	61.72	68.20	-6.48
5470.00	Peak	53.13	8.59	61.72	68.20	-6.48

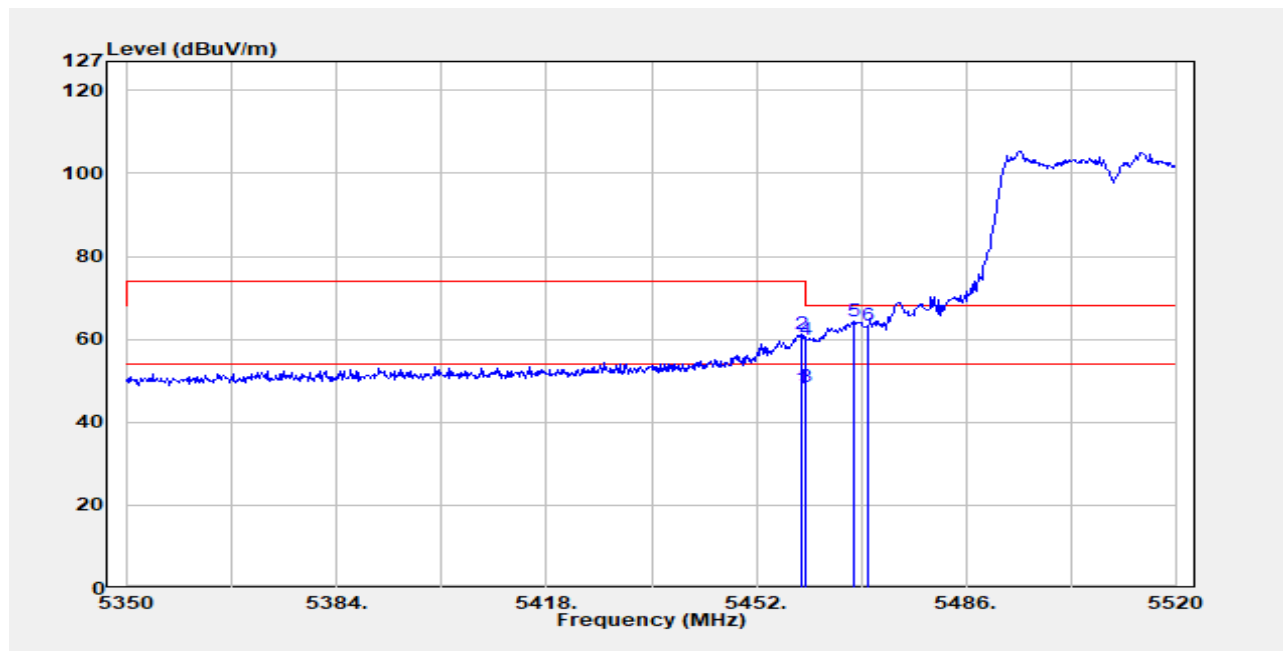
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5510 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5459.48	Average	39.67	8.66	48.33	54.00	-5.67
5459.48	Peak	52.53	8.66	61.20	74.00	-12.80
5460.00	Average	40.01	8.66	48.67	54.00	-5.33
5460.00	Peak	51.30	8.66	59.96	74.00	-14.04
5467.98	Peak	55.78	8.61	64.38	68.20	-3.82
5470.00	Peak	54.88	8.59	63.47	68.20	-4.73

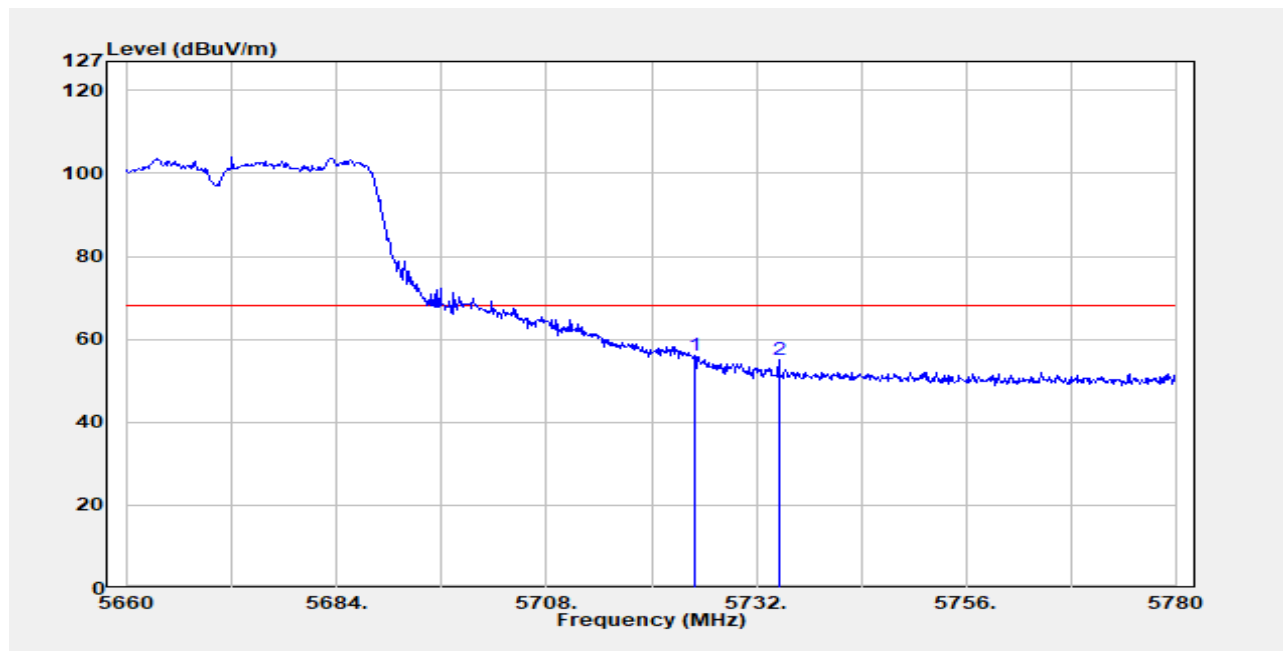
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5670 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5725.00	Peak	47.82	8.42	56.24	68.20	-11.96
5734.64	Peak	46.67	8.49	55.16	68.20	-13.04

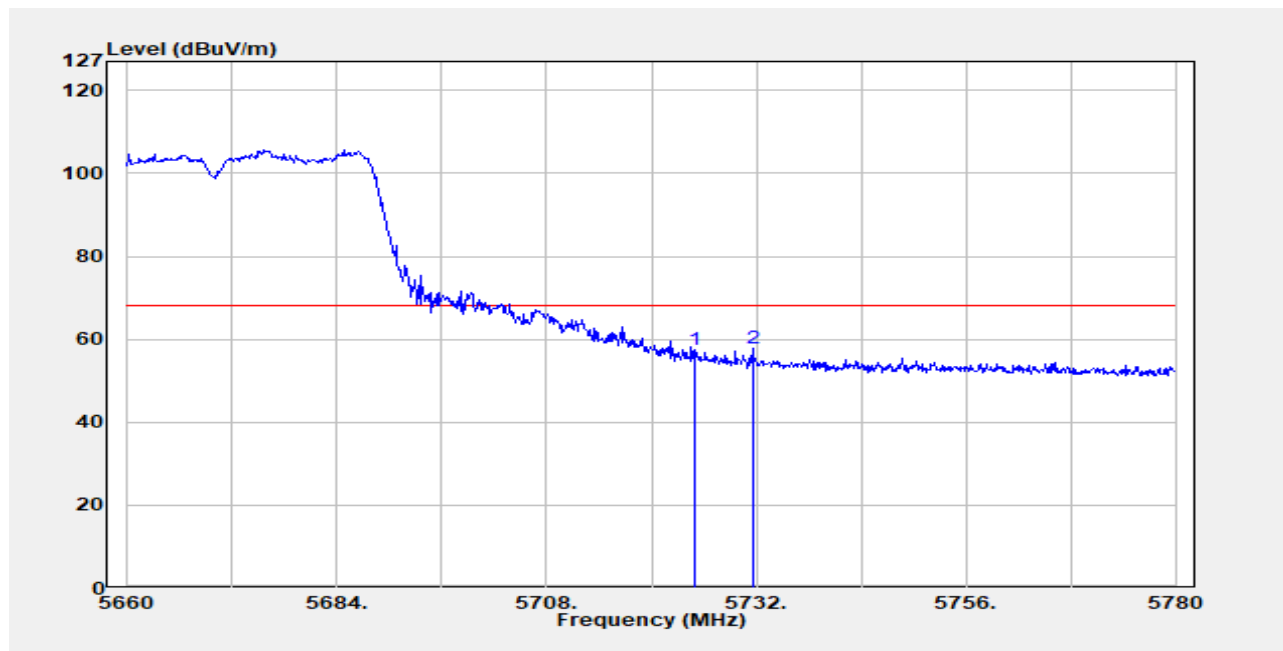
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5670 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5725.00	Peak	49.06	8.42	57.48	68.20	-10.72
5731.64	Peak	49.44	8.47	57.90	68.20	-10.30

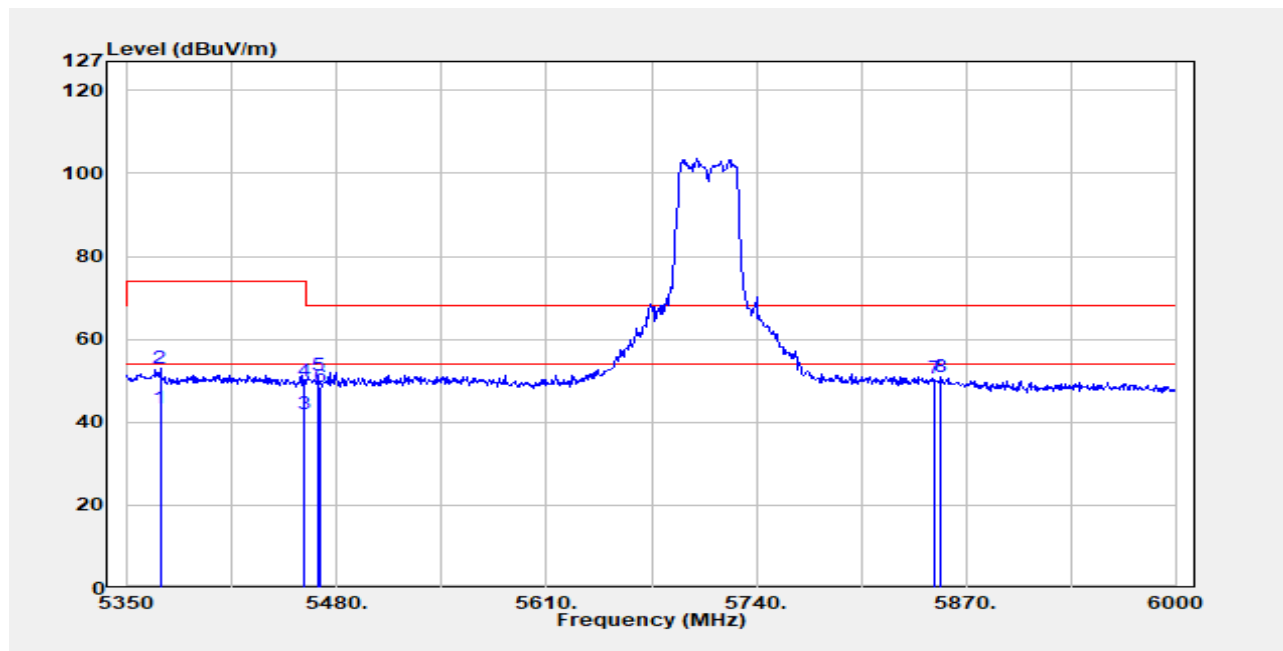
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5710 MHz
 Test Mode :Bandedge CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5370.15	Average	34.57	8.91	43.48	54.00	-10.52
5370.15	Peak	43.94	8.91	52.84	74.00	-21.16
5460.00	Average	33.39	8.66	42.05	54.00	-11.95
5460.00	Peak	41.24	8.66	49.90	74.00	-24.10
5468.30	Peak	42.52	8.61	51.13	68.20	-17.07
5470.00	Peak	40.05	8.59	48.65	68.20	-19.55
5850.00	Peak	41.54	8.93	50.47	68.20	-17.73
5854.40	Peak	42.08	8.93	51.01	68.20	-17.19

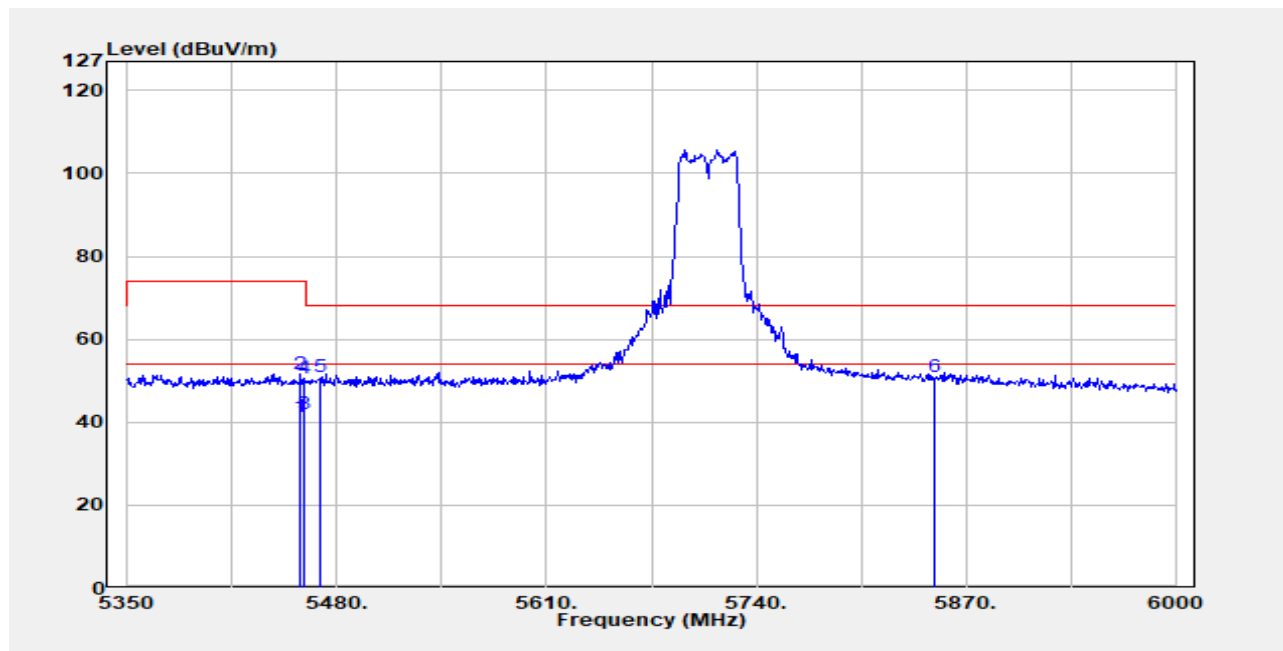
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5710 MHz
 Test Mode :Bandedge CH Mid
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5457.25	Average	32.65	8.68	41.33	54.00	-12.67
5457.25	Peak	43.05	8.68	51.72	74.00	-22.28
5460.00	Average	33.36	8.66	42.02	54.00	-11.98
5460.00	Peak	42.00	8.66	50.66	74.00	-23.34
5470.00	Peak	42.50	8.59	51.10	68.20	-17.10
5850.00	Peak	41.88	8.93	50.81	68.20	-17.39

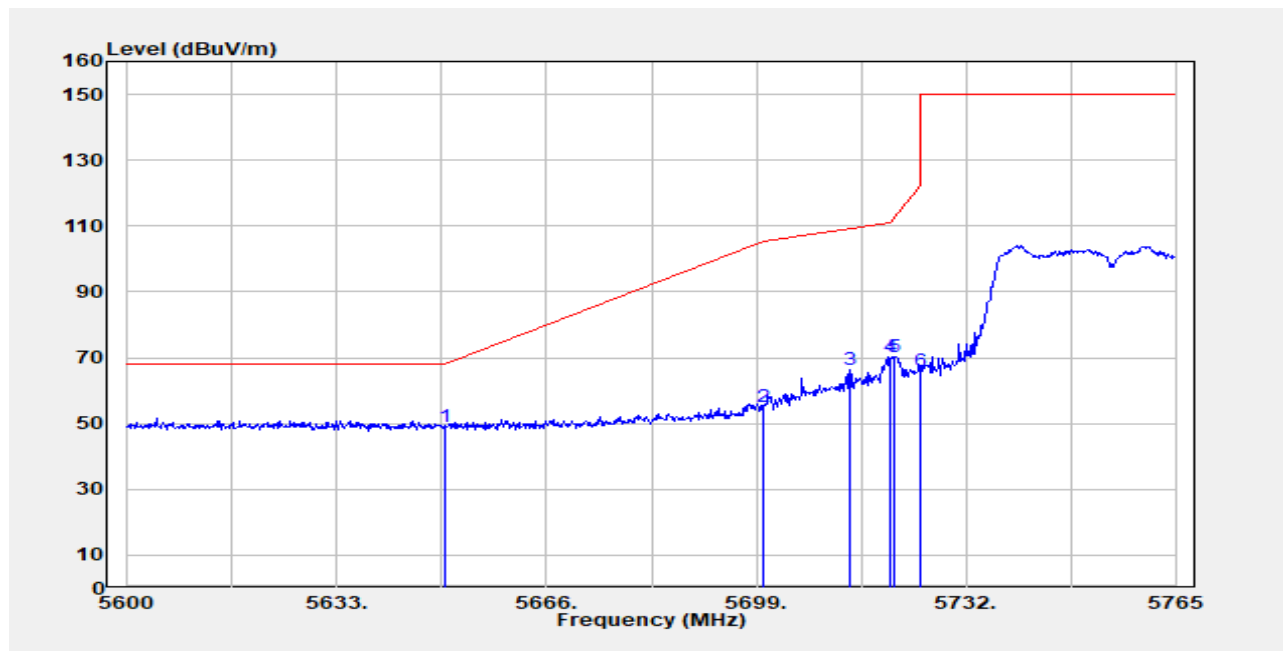
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Report Number :ER/2021/C0049
Operation Mode :802.11n40
Test Frequency :5755 MHz
Test Mode :Bandedge CH Low
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Vertical
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5650.00	Peak	41.06	7.80	48.86	68.20	-19.34
5700.00	Peak	46.99	8.25	55.24	105.20	-49.96
5713.85	Peak	58.10	8.35	66.45	109.08	-42.63
5720.00	Peak	62.04	8.39	70.43	110.80	-40.37
5720.62	Peak	61.88	8.39	70.27	112.20	-41.93
5725.00	Peak	57.62	8.42	66.04	122.20	-56.16

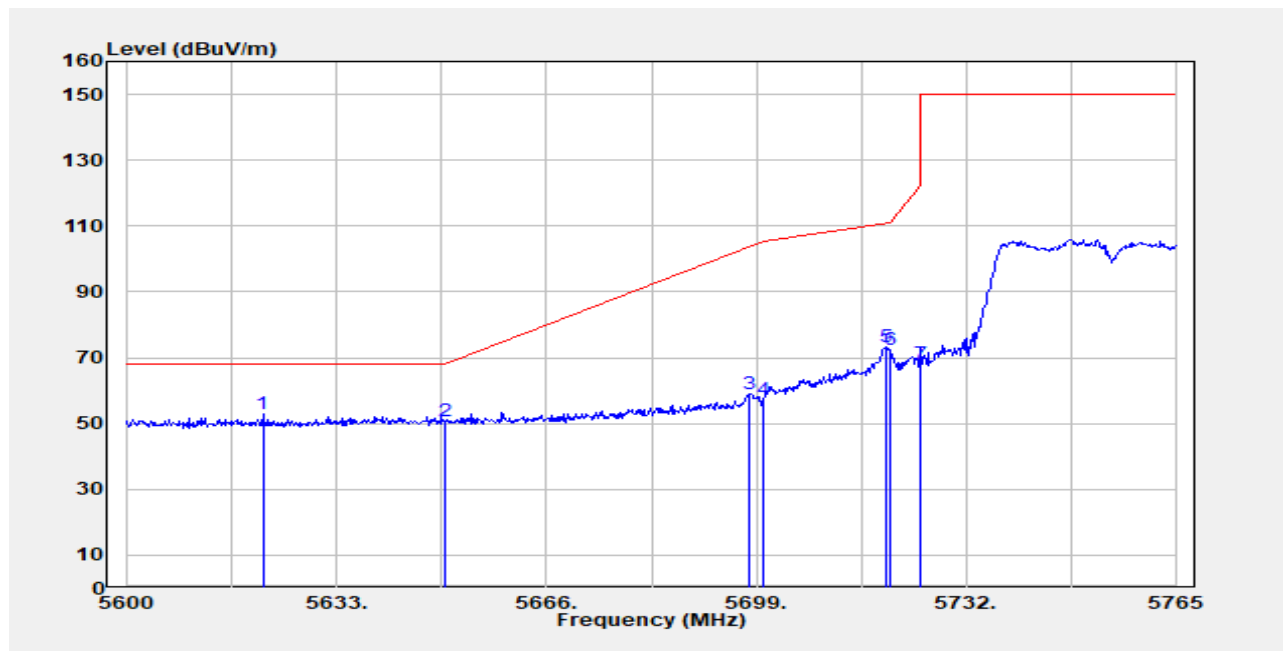
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Report Number :ER/2021/C0049
 Operation Mode :802.11n40
 Test Frequency :5755 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5621.29	Peak	45.02	7.77	52.78	68.20	-15.42
5650.00	Peak	43.13	7.80	50.93	68.20	-17.27
5697.85	Peak	50.90	8.24	59.14	103.61	-44.47
5700.00	Peak	48.79	8.25	57.05	105.20	-48.15
5719.46	Peak	64.95	8.38	73.34	110.65	-37.31
5720.00	Peak	63.92	8.39	72.31	110.80	-38.49
5725.00	Peak	59.49	8.42	67.91	122.20	-54.29

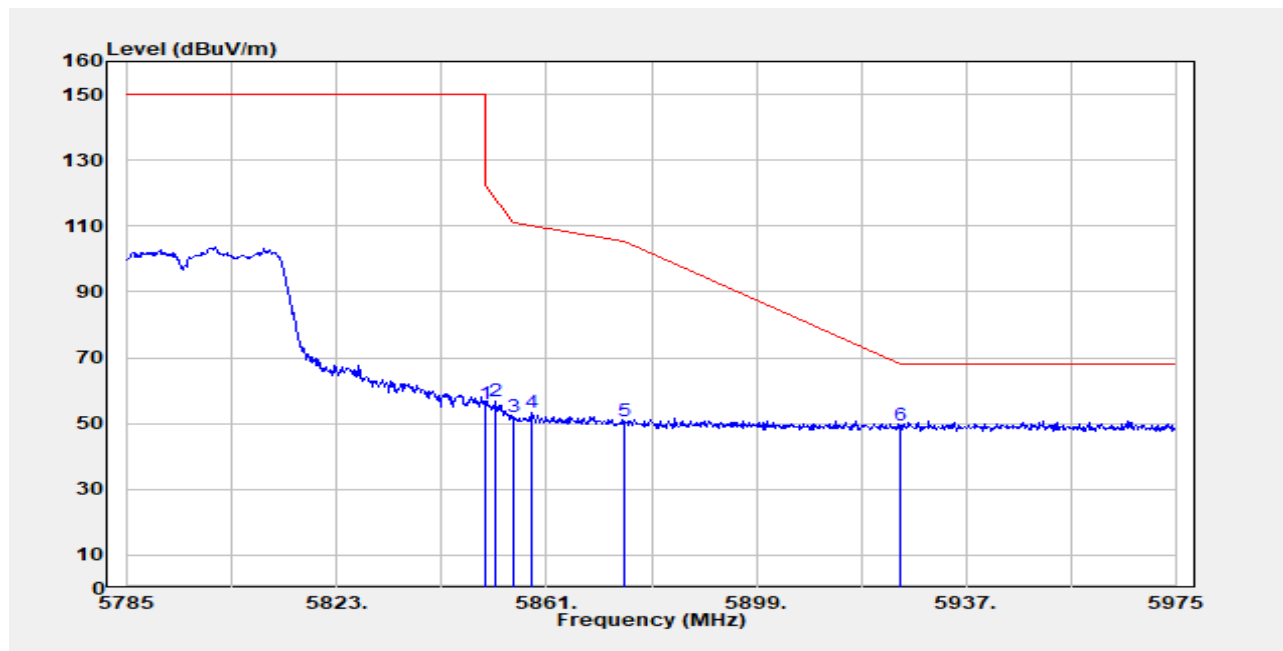
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Report Number :ER/2021/C0049
Operation Mode :802.11n40
Test Frequency :5795 MHz
Test Mode :Bandedge CH High
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Vertical
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5850.00	Peak	47.07	8.93	56.00	122.20	-66.20
5851.69	Peak	47.91	8.93	56.85	118.35	-61.50
5855.00	Peak	42.99	8.93	51.92	110.80	-58.88
5858.15	Peak	44.30	8.92	53.22	109.92	-56.69
5875.00	Peak	41.94	8.89	50.83	105.20	-54.37
5925.00	Peak	40.60	8.85	49.45	68.20	-18.75

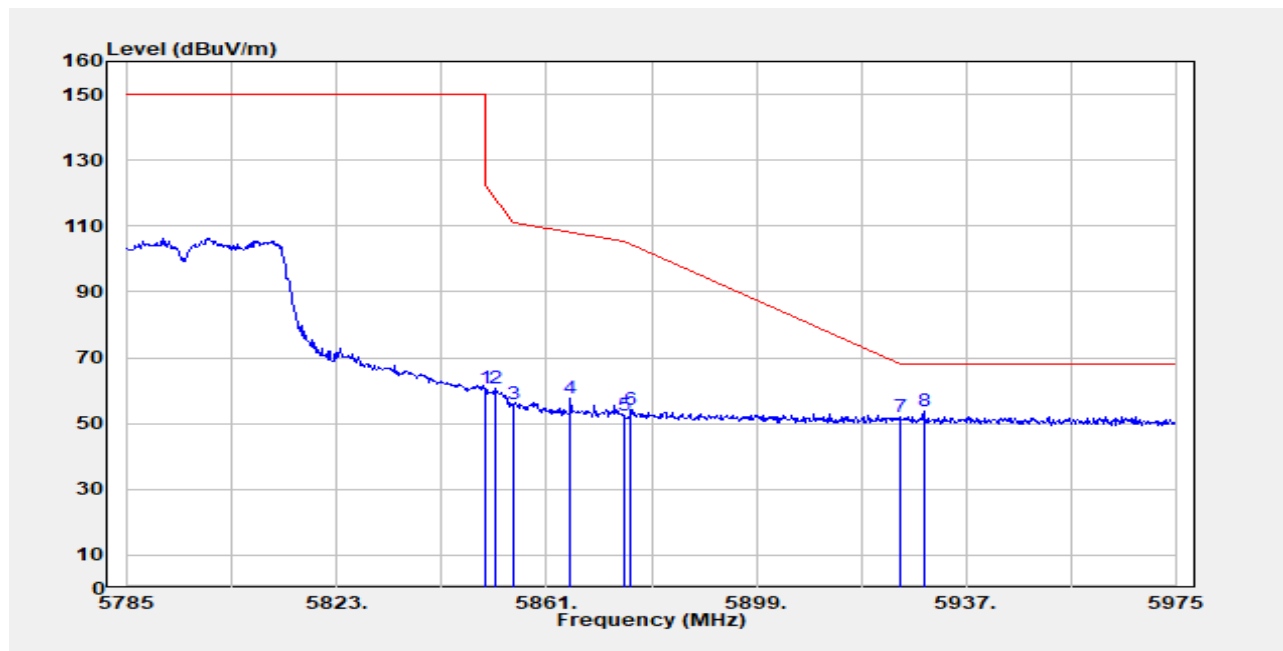
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Report Number :ER/2021/C0049
Operation Mode :802.11n40
Test Frequency :5795 MHz
Test Mode :Bandedge CH High
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Horizontal
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5850.00	Peak	51.89	8.93	60.82	122.20	-61.38
5851.69	Peak	51.57	8.93	60.50	118.35	-57.85
5855.00	Peak	46.95	8.93	55.88	110.80	-54.92
5865.37	Peak	48.81	8.91	57.71	107.90	-50.18
5875.00	Peak	43.65	8.89	52.55	105.20	-52.65
5876.20	Peak	45.49	8.89	54.38	104.31	-49.94
5925.00	Peak	43.07	8.85	51.91	68.20	-16.29
5929.40	Peak	44.83	8.84	53.68	68.20	-14.52

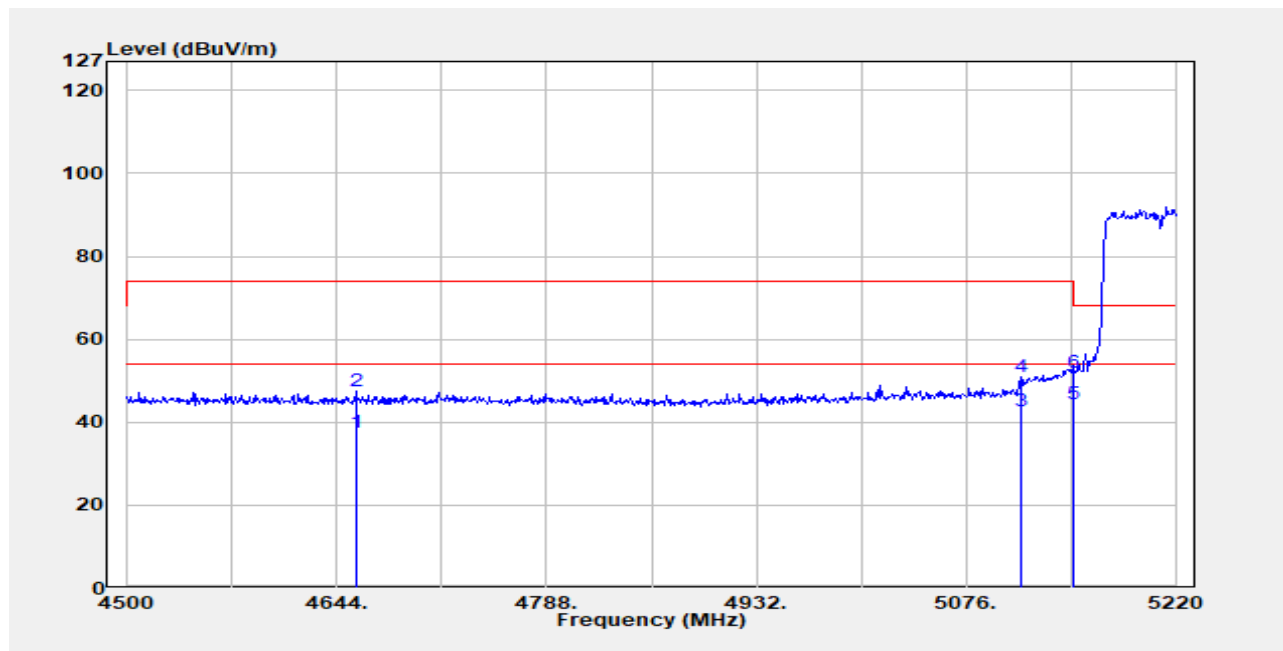
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5210 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
4656.96	Average	30.92	6.55	37.47	54.00	-16.53
4656.96	Peak	40.84	6.55	47.39	74.00	-26.61
5114.16	Average	34.78	7.75	42.53	54.00	-11.47
5114.16	Peak	43.21	7.75	50.97	74.00	-23.03
5150.00	Average	36.62	7.82	44.44	54.00	-9.56
5150.00	Peak	44.13	7.82	51.95	74.00	-22.05

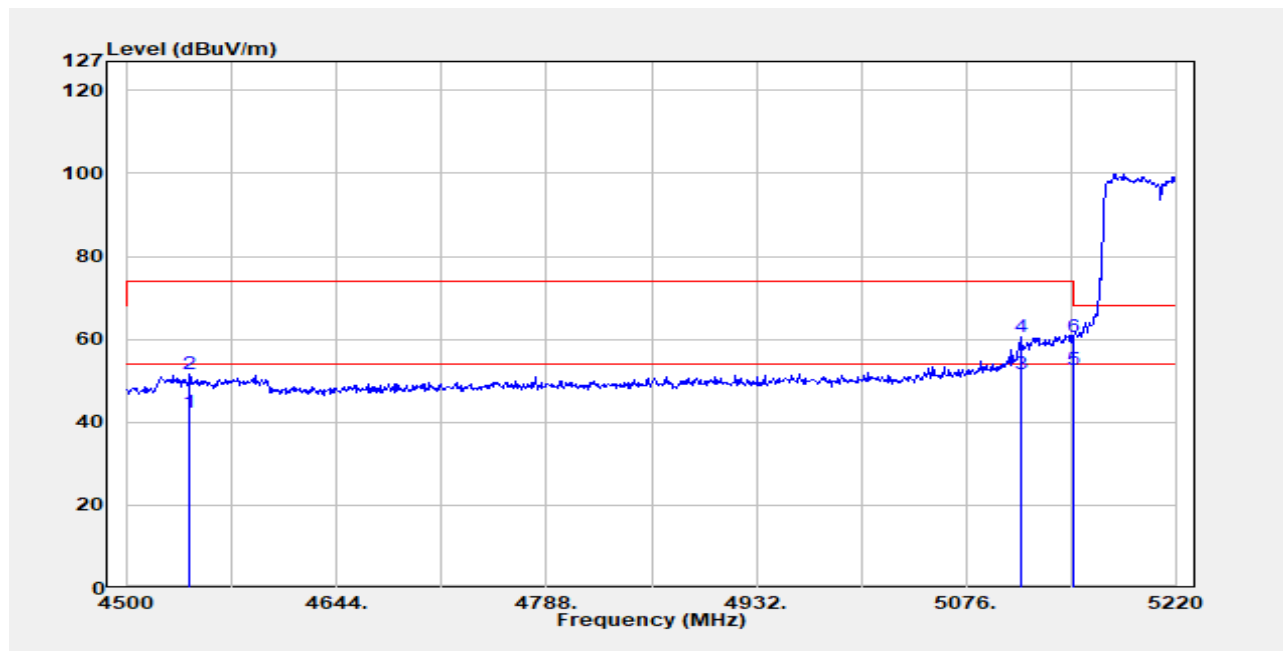
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5210 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
4542.48	Average	35.51	6.72	42.23	54.00	-11.77
4542.48	Peak	44.75	6.72	51.48	74.00	-22.52
5113.44	Average	43.92	7.75	51.67	54.00	-2.33
5113.44	Peak	52.95	7.75	60.70	74.00	-13.30
5150.00	Average	44.91	7.82	52.73	54.00	-1.27
5150.00	Peak	52.77	7.82	60.59	74.00	-13.41

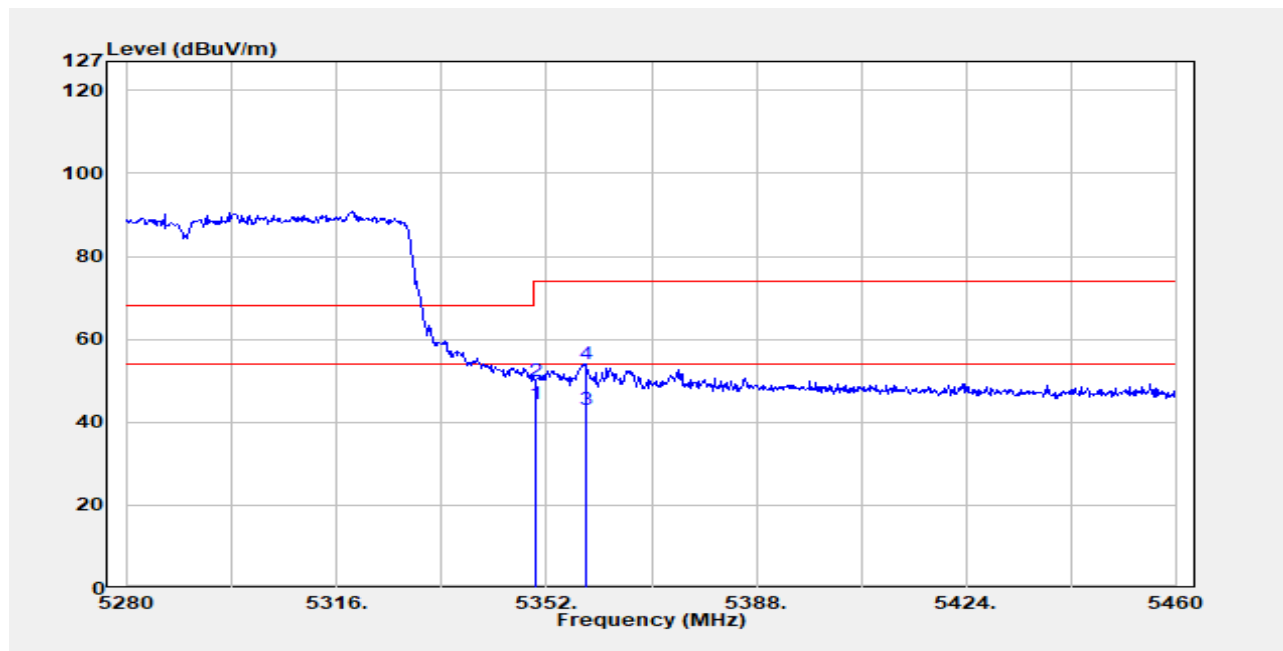
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5290 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5350.00	Average	35.80	8.68	44.48	54.00	-9.52
5350.00	Peak	41.22	8.68	49.89	74.00	-24.11
5358.66	Average	34.16	8.78	42.94	54.00	-11.06
5358.66	Peak	45.37	8.78	54.14	74.00	-19.86

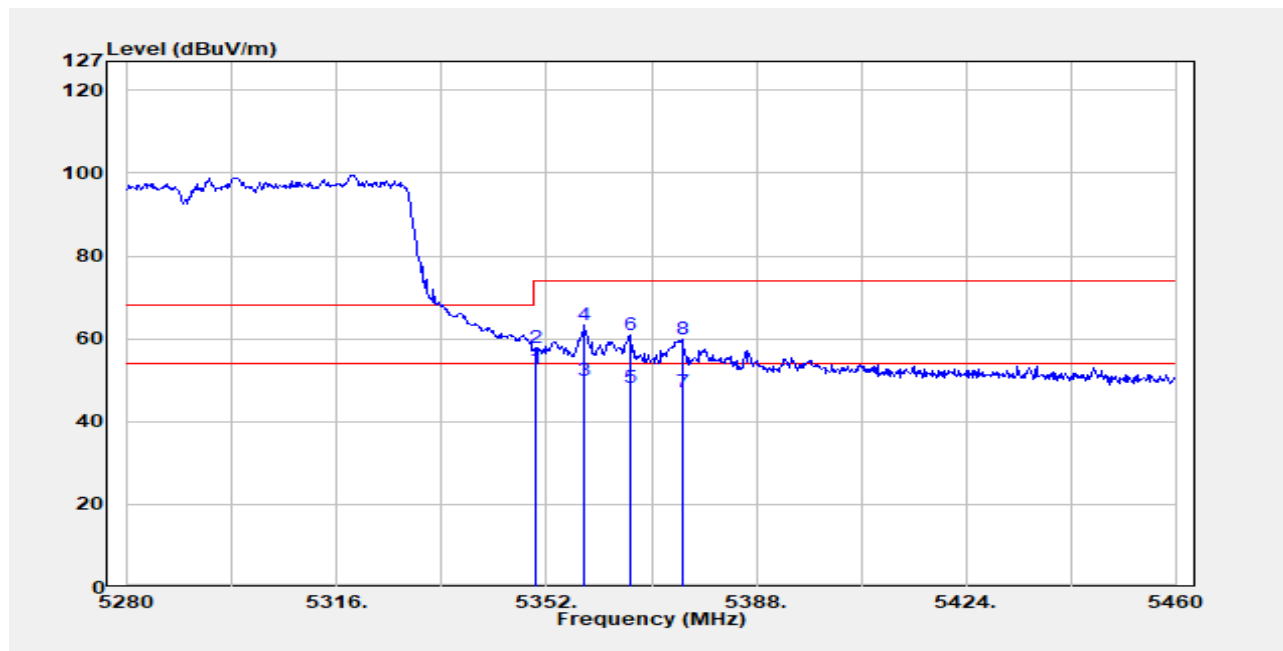
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5290 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5350.00	Average	44.05	8.68	52.73	54.00	-1.27
5350.00	Peak	49.10	8.68	57.78	74.00	-16.22
5358.48	Average	41.01	8.77	49.78	54.00	-4.22
5358.48	Peak	54.54	8.77	63.31	74.00	-10.69
5366.22	Average	39.44	8.86	48.30	54.00	-5.70
5366.22	Peak	51.98	8.86	60.84	74.00	-13.16
5375.22	Average	38.31	8.96	47.27	54.00	-6.73
5375.22	Peak	50.86	8.96	59.83	74.00	-14.17

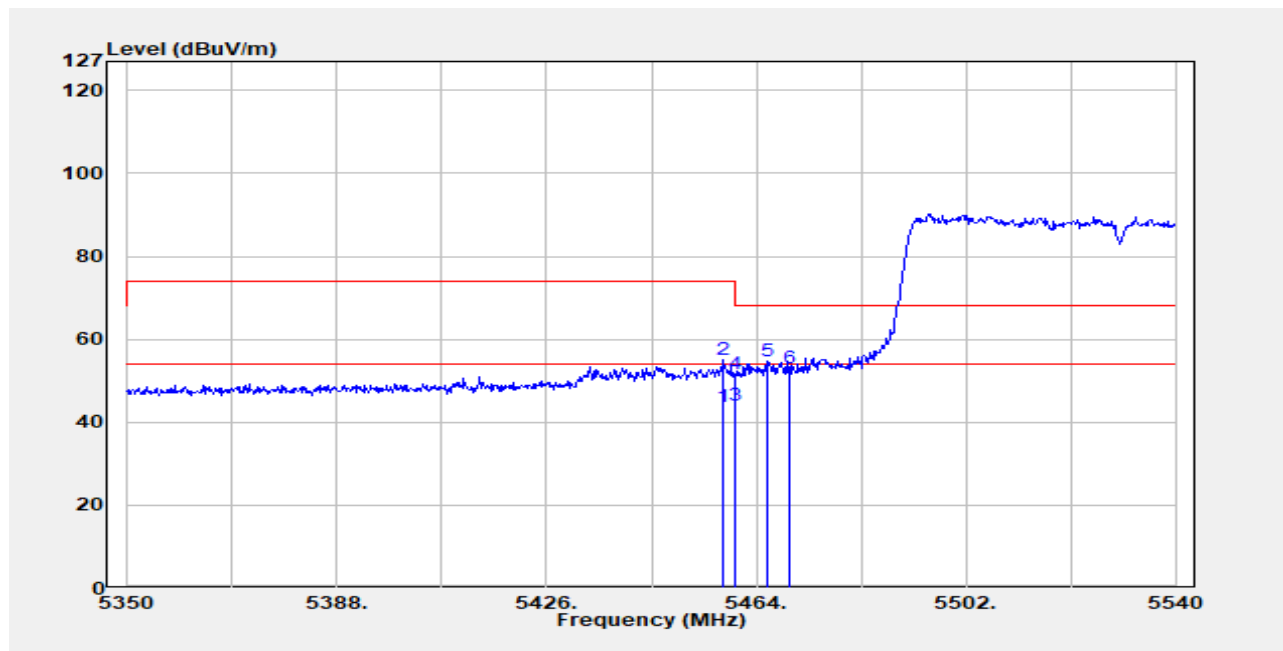
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5530 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5458.11	Average	35.07	8.67	43.74	54.00	-10.26
5458.11	Peak	46.25	8.67	54.92	74.00	-19.08
5460.00	Average	35.37	8.66	44.03	54.00	-9.97
5460.00	Peak	43.11	8.66	51.77	74.00	-22.23
5466.09	Peak	46.05	8.62	54.67	68.20	-13.53
5470.00	Peak	44.28	8.59	52.87	68.20	-15.33

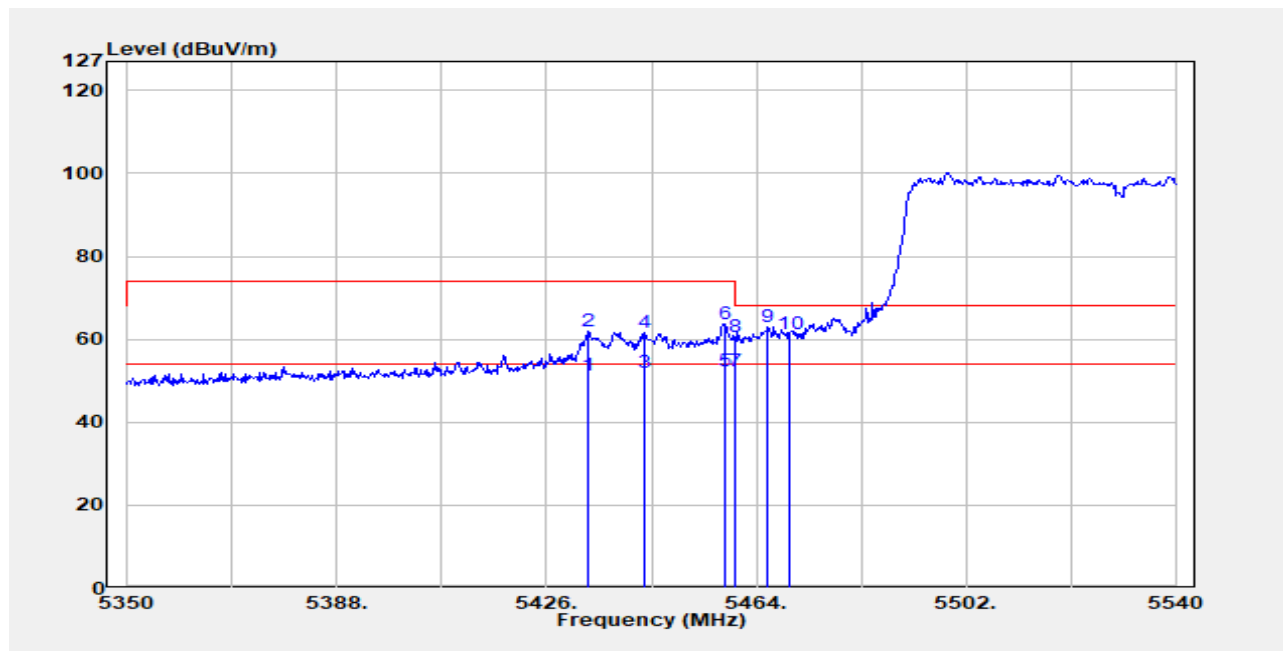
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Report Number :ER/2021/C0049
Operation Mode :802.11ac80
Test Frequency :5530 MHz
Test Mode :Bandedge CH Low
EUT Pol :E2 Plane

Test Site :SAC 1
Test Date :2021-12-29
Temp./Humi. :22.3/65
Antenna Pol. :Horizontal
Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5433.60	Average	42.56	8.89	51.45	54.00	-2.55
5433.60	Peak	52.89	8.89	61.78	74.00	-12.22
5443.86	Average	43.07	8.79	51.86	54.00	-2.14
5443.86	Peak	52.74	8.79	61.53	74.00	-12.47
5458.30	Average	43.58	8.67	52.25	54.00	-1.75
5458.30	Peak	55.13	8.67	63.80	74.00	-10.20
5460.00	Average	43.58	8.66	52.24	54.00	-1.76
5460.00	Peak	51.91	8.66	60.57	74.00	-13.43
5466.09	Peak	54.51	8.62	63.13	68.20	-5.07
5470.00	Peak	52.55	8.59	61.15	68.20	-7.05

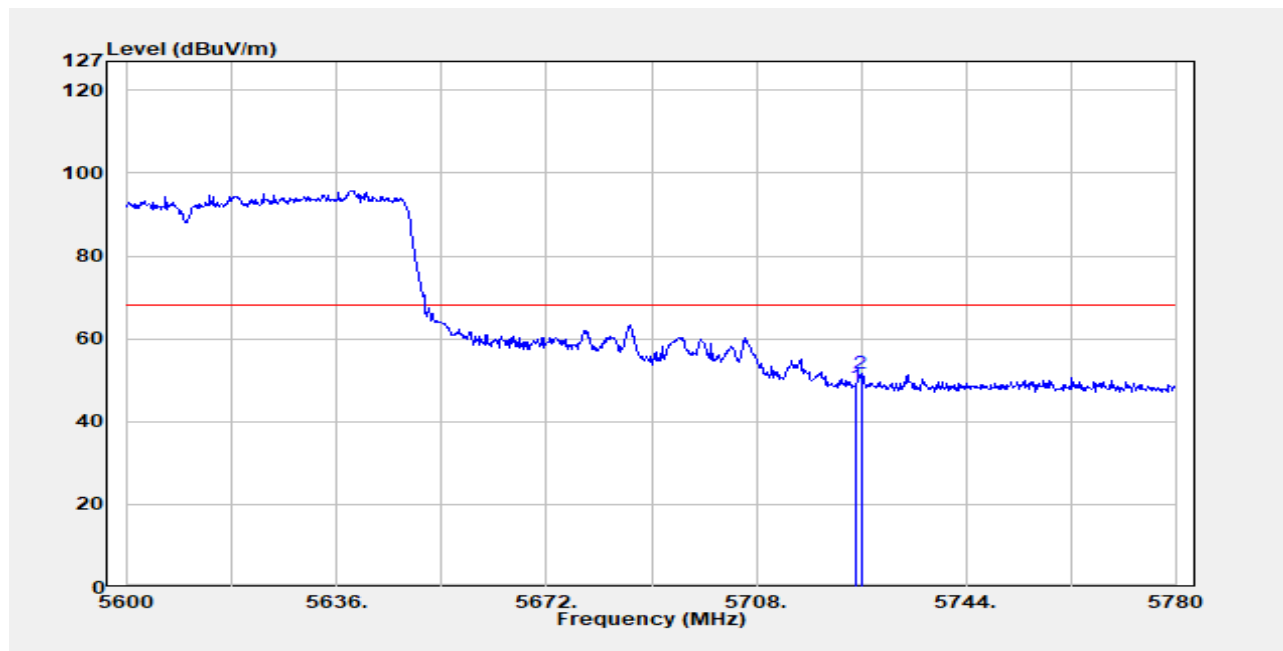
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5610 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5725.00	Peak	40.00	8.42	48.42	68.20	-19.78
5726.00	Peak	43.22	8.43	51.65	68.20	-16.55

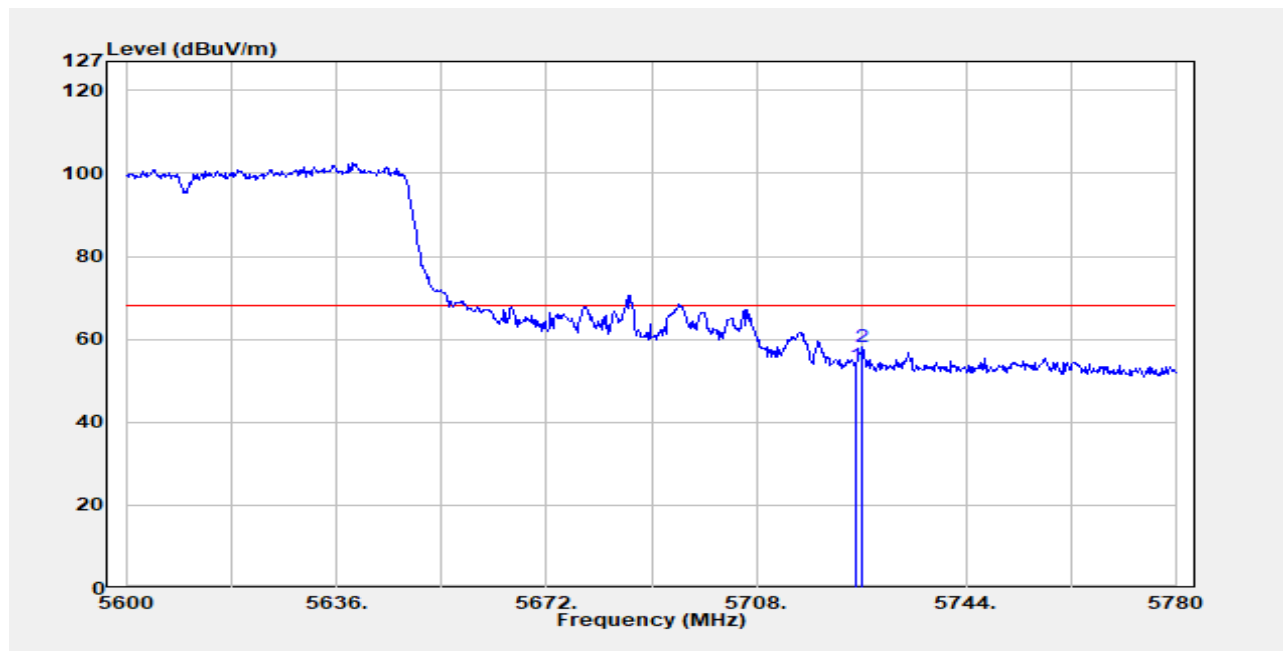
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5610 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5725.00	Peak	45.34	8.42	53.76	68.20	-14.44
5726.18	Peak	49.59	8.43	58.02	68.20	-10.18

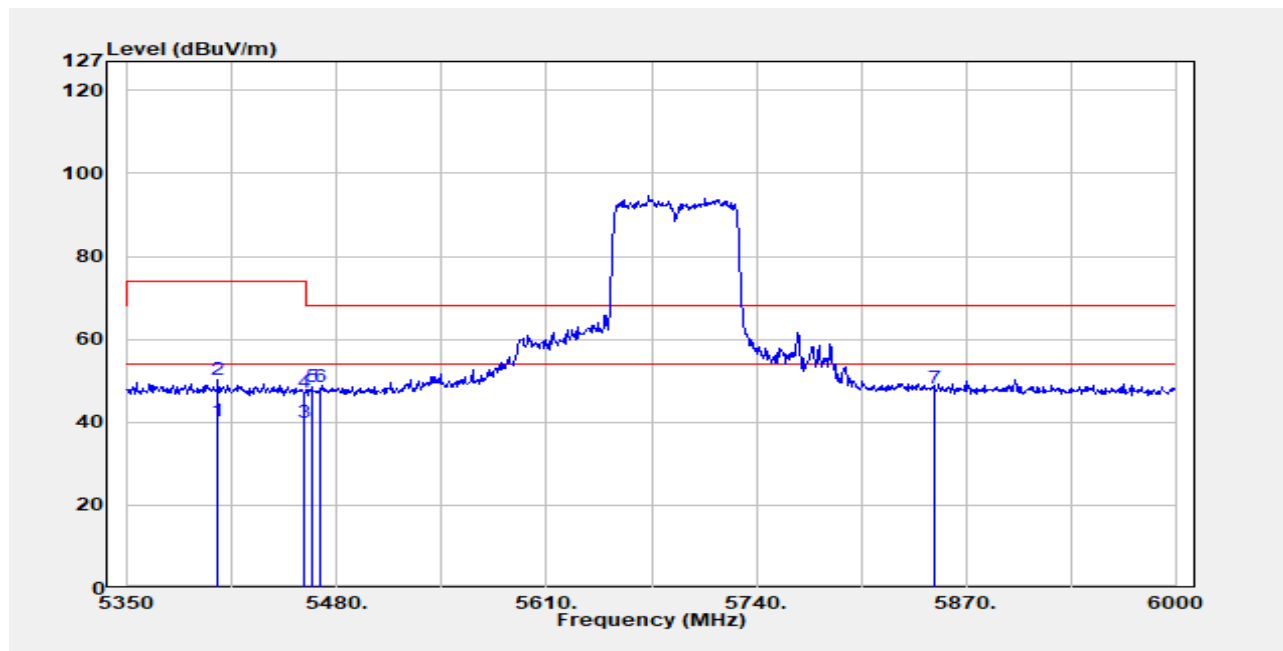
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5690 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5405.90	Average	31.04	9.18	40.22	54.00	-13.78
5405.90	Peak	41.13	9.18	50.31	74.00	-23.69
5460.00	Average	31.40	8.66	40.06	54.00	-13.94
5460.00	Peak	38.49	8.66	47.15	74.00	-26.85
5464.40	Peak	39.88	8.63	48.51	68.20	-19.69
5470.00	Peak	39.89	8.59	48.49	68.20	-19.71
5850.00	Peak	39.08	8.93	48.02	68.20	-20.18

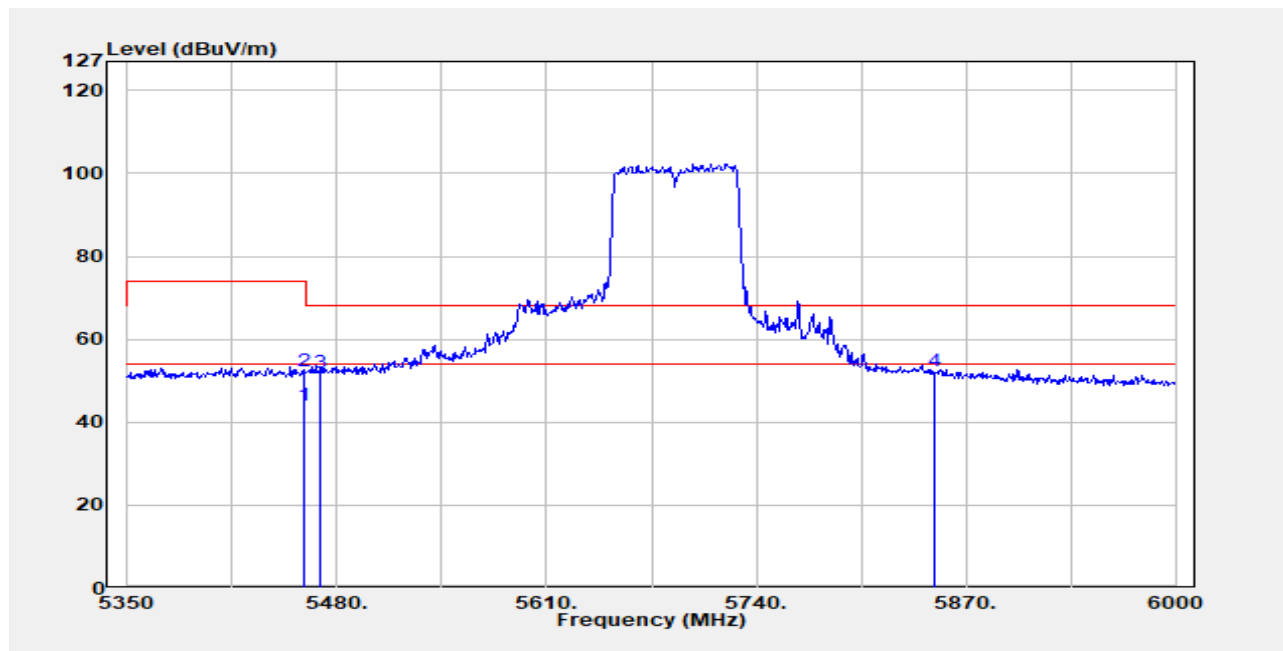
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5690 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5460.00	Average	35.24	8.66	43.90	54.00	-10.10
5460.00	Peak	43.70	8.66	52.36	74.00	-21.64
5470.00	Peak	43.47	8.59	52.07	68.20	-16.13
5850.00	Peak	43.53	8.93	52.46	68.20	-15.74

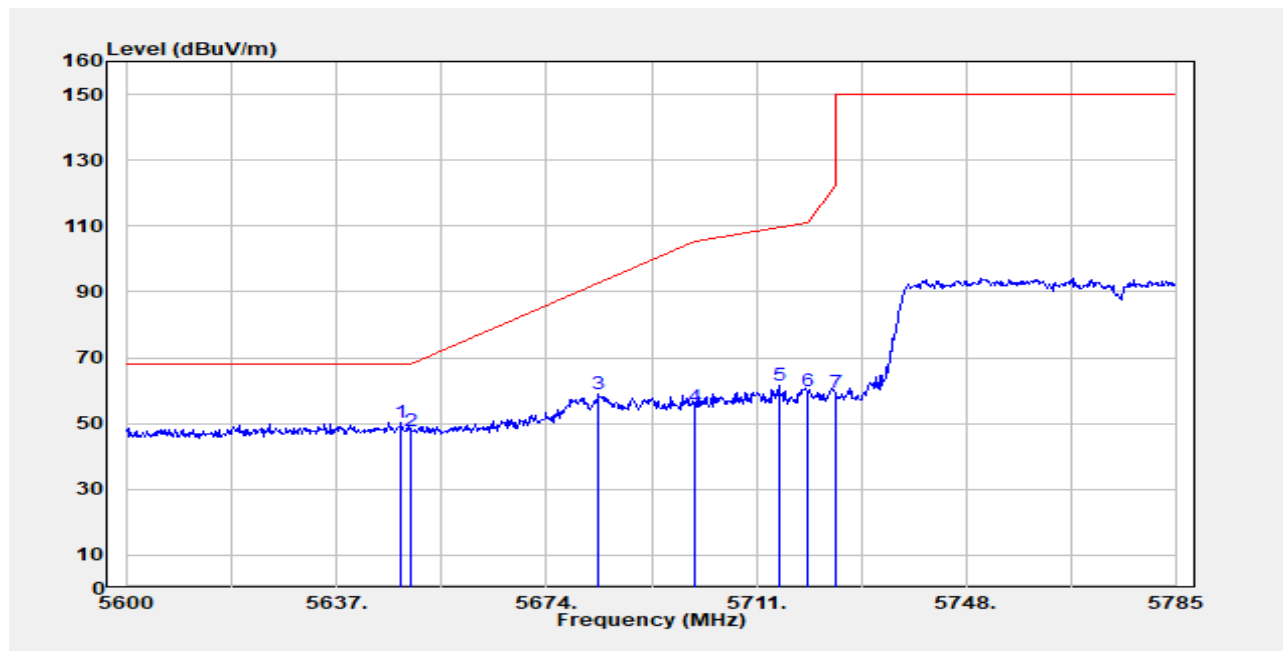
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Report Number :ER/2021/C0049
 Operation Mode :802.11ac80
 Test Frequency :5775 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5648.29	Peak	42.58	7.80	50.37	68.20	-17.83
5650.00	Peak	40.06	7.80	47.86	68.20	-20.34
5683.25	Peak	50.73	8.10	58.83	92.81	-33.97
5700.00	Peak	46.69	8.25	54.94	105.20	-50.26
5715.07	Peak	53.11	8.36	61.47	109.42	-47.95
5720.00	Peak	51.39	8.39	59.78	110.80	-51.02
5725.00	Peak	50.79	8.42	59.21	122.20	-62.99

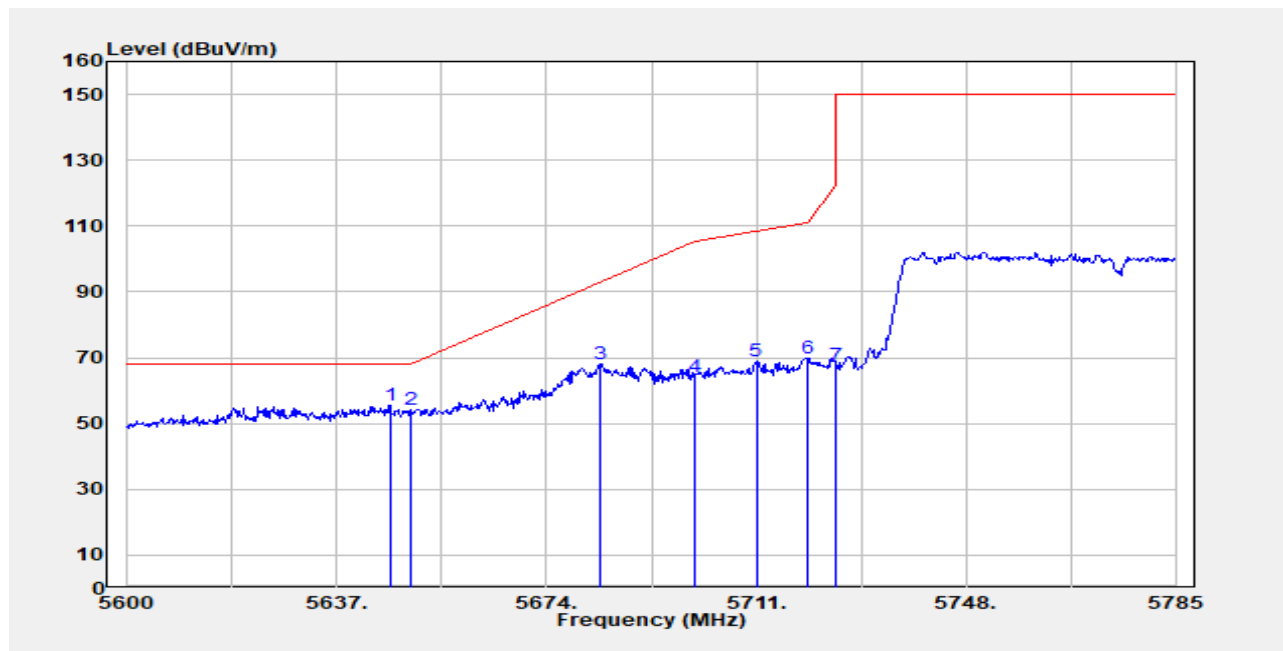
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 Test Frequency :5775 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Horizontal
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5646.44	Peak	47.90	7.79	55.70	68.20	-12.50
5650.00	Peak	46.56	7.80	54.36	68.20	-13.84
5683.44	Peak	60.12	8.10	68.23	92.94	-24.71
5700.00	Peak	55.84	8.25	64.09	105.20	-41.11
5711.00	Peak	60.66	8.33	68.99	108.28	-39.29
5720.00	Peak	61.38	8.39	69.76	110.80	-41.04
5725.00	Peak	59.24	8.42	67.67	122.20	-54.53

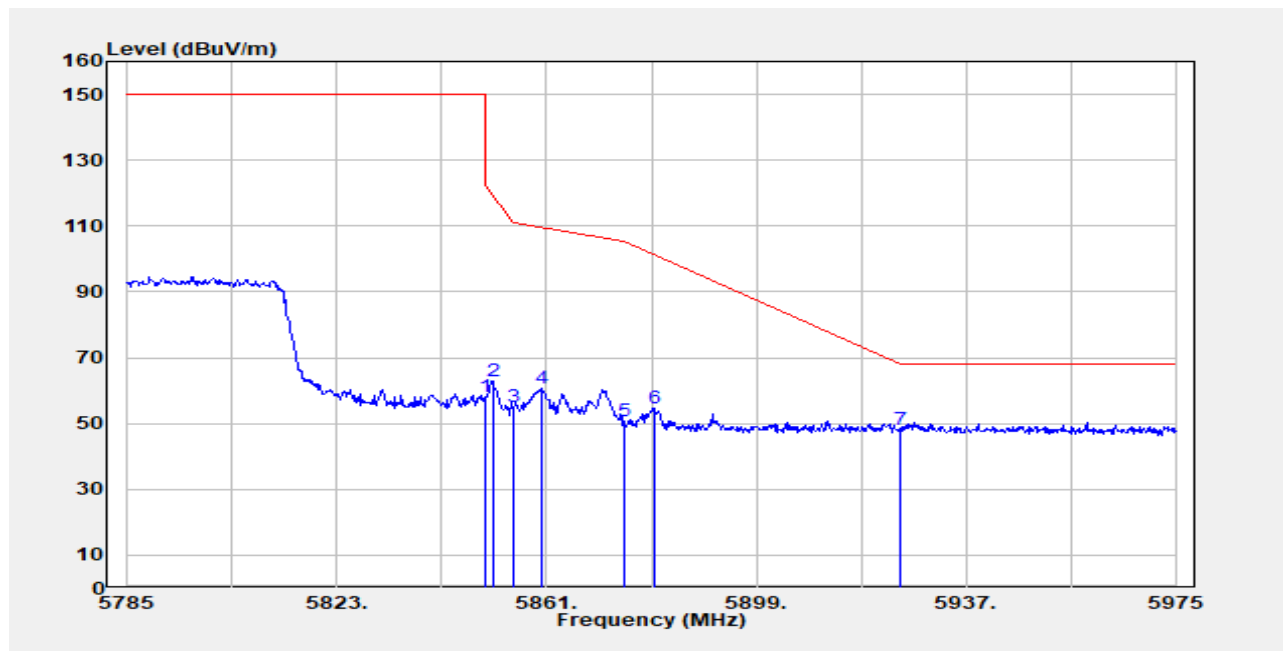
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 Operation Mode :802.11ac80
 Test Frequency :5775 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Site :SAC 1
 Test Date :2021-12-29
 Temp./Humi. :22.3/65
 Antenna Pol. :Vertical
 Engineer :Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5850.00	Peak	49.34	8.93	58.27	122.20	-63.93
5851.31	Peak	54.00	8.93	62.93	119.21	-56.28
5855.00	Peak	45.99	8.93	54.91	110.80	-55.89
5860.05	Peak	51.90	8.92	60.82	109.39	-48.57
5875.00	Peak	41.69	8.89	50.58	105.20	-54.62
5880.57	Peak	45.62	8.88	54.50	101.08	-46.57
5925.00	Peak	39.44	8.85	48.28	68.20	-19.92

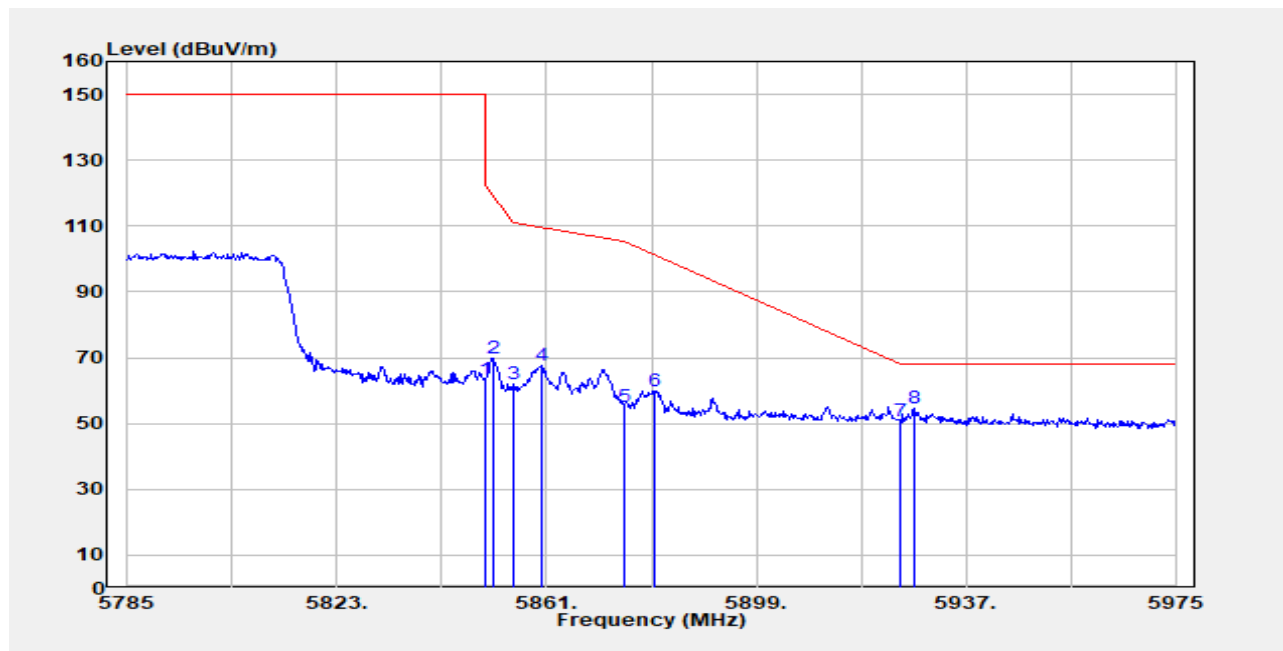
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Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5850.00	Peak	54.37	8.93	63.31	122.20	-58.89
5851.31	Peak	60.93	8.93	69.86	119.21	-49.35
5855.00	Peak	53.01	8.93	61.94	110.80	-48.86
5860.05	Peak	58.78	8.92	67.70	109.39	-41.69
5875.00	Peak	46.35	8.89	55.25	105.20	-49.95
5880.57	Peak	51.09	8.88	59.97	101.08	-41.11
5925.00	Peak	42.00	8.85	50.85	68.20	-17.35
5927.50	Peak	45.67	8.85	54.52	68.20	-13.68

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12 TRANSMISSION IN THE ABSENCE OF DATA

12.1 Standard Applicable

According to §15.407(c)

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

12.2 Result

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ASK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

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13 ANTENNA REQUIREMENT

13.1 Standard Applicable

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§ 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

13.2 Antenna Connected Construction

The antenna is designed as permanently attached and no consideration of replacement. Please see EUT photo for details.

~ End of Report ~

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