

802.11n_20MHz_Test_Chain0



802.11n_20MHz_Test_Chain1



802.11n_20MHz_Test_Chain0



802.11n_20MHz_Test_Chain1



802.11n_20MHz_Test_Chain0



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802.11n_40MHz_Chain0_5190MHz



802.11n_40MHz_Chain0_5310MHz



802.11n_40MHz_Chain0_5230MHz



802.11n_40MHz_Chain0_5510MHz



802.11n_40MHz_Chain0_5270MHz



802.11n_40MHz_Chain0_5550MHz



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802.11n_40MHz_Chain0_5670MHz



802.11n_40MHz_Chain0_5755MHz



802.11n_40MHz_Chain0_5710MHz_UNII 2C



802.11n_40MHz_Chain0_5795MHz



802.11n_40MHz_Chain0_5710MHz_UNII 3



802.11n_40MHz_Chain1_5190MHz



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802.11n_40MHz_Chain1_5510MHz



802.11n_40MHz_Chain1_5270MHz



802.11n_40MHz_Chain1_5550MHz



802.11n_40MHz_Chain1_5310MHz



802.11n_40MHz_Chain1_5670MHz



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802.11n_40MHz_Chain1_5710MHz_UNII 2C



802.11n_40MHz_Chain1_5795MHz



802.11n_40MHz_Chain1_5710MHz_UNII 3



802.11n_40MHz_Test_Chain0



802.11n_40MHz_Chain1_5755MHz



802.11n_40MHz_Test_Chain0



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802.11n_40MHz_Test_Chain1



802.11ac_80MHz_Chain0_5290MHz



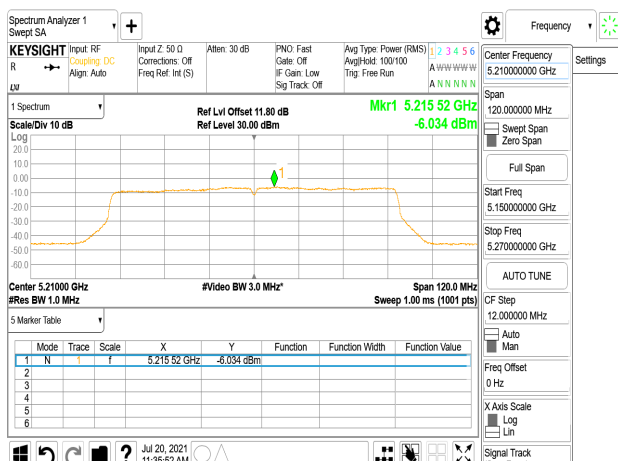
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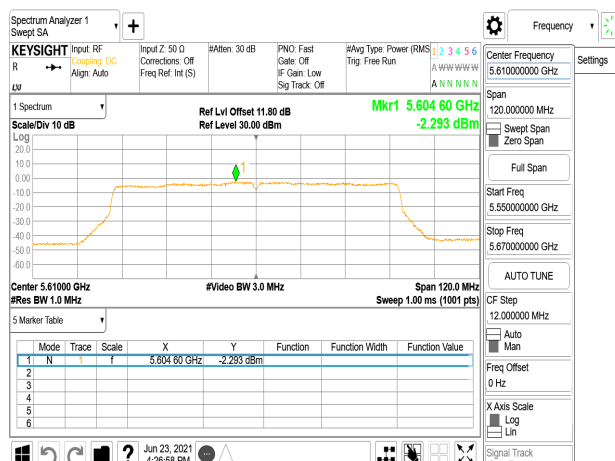
802.11ac_80MHz_Chain0_5530MHz



802.11ac_80MHz_Chain0_5210MHz



802.11ac_80MHz_Chain0_5610MHz



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802.11ac_80MHz_Chain0_5690MHz_UNII 2C



802.11ac_80MHz_Chain1_5210MHz



802.11ac_80MHz_Chain0_5690MHz_UNII 3



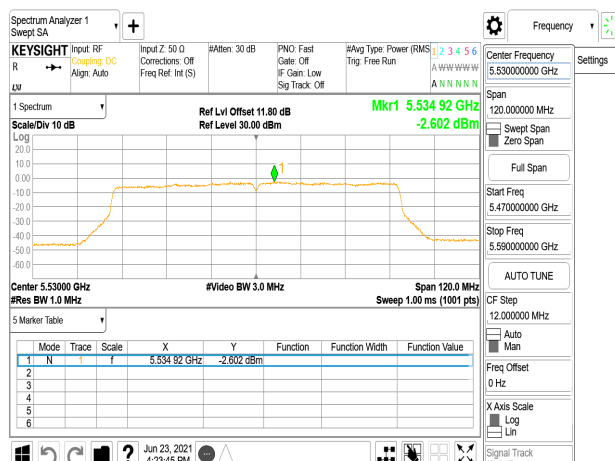
802.11ac_80MHz_Chain1_5290MHz



802.11ac_80MHz_Chain0_5775MHz



802.11ac_80MHz_Chain1_5530MHz



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802.11ac_80MHz_Chain1_5610MHz



802.11ac_80MHz_Chain1_5775MHz



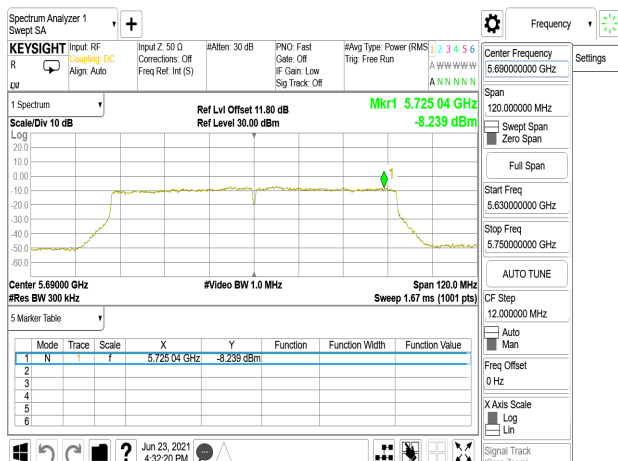
802.11ac_80MHz_Chain1_5690MHz_UNII 2C



802.11ac_80MHz_Test_Chain0



802.11ac_80MHz_Chain1_5690MHz_UNII 3



802.11ac_80MHz_Test_Chain0



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802.11ac_80MHz_Test_Chain1



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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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11.2 Measurement Equipment Used

Radiated Emission Test Site: SAC G					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Broadband Antenna	SCHWAZBECK	VULB 9168	1206	02/22/2021	02/21/2022
Horn Antenna	Schwarzbeck	DRH18-E	210105A18E	04/09/2021	04/08/2022
Horn Antenna	Schwarzbeck	BBHA9170	185	07/30/2020	07/29/2021
Loop Antenna	ETS.LINDGREN	6502	143303	05/07/2021	05/06/2022
3m Site NSA	SGS	966 chamber G	N/A	03/30/2021	03/29/2022
Spectrum Analyzer	KEYSIGHT	N9010A	MY57120290	04/06/2021	04/05/2022
Pre-Amplifier	EMC Instruments	EMC0011830	980199	11/19/2020	11/18/2021
Pre-Amplifier	EMC Instruments	EMC330N	980781	03/15/2021	03/14/2022
Pre-Amplifier	EMC Instruments	EMC118A45SE	980815	03/15/2021	03/14/2022
Attenuator	Marvelous	MVE2213-30	RF04	11/19/2020	11/18/2021
High Pass Filter	R&S	F13 HPF 3GHz	RF175	11/19/2020	11/18/2021
Lowpass Filter	Woken	EWT-56-0019	RF173	11/19/2020	11/18/2021
High Pass Filter	R&S	HPF7.0	RF176	11/19/2020	11/18/2021
Notch Filter	Woken	EWT-54-0037	RF204	11/19/2020	11/18/2021
Coaxial Cable	Huber+Suhner	RG 214/U	W21.01	11/19/2020	11/18/2021
Coaxial Cable	EMC Instruments	EMC104-SM-SM-8000-5000-5000	210219、 210220、 210221	03/15/2021	03/14/2022

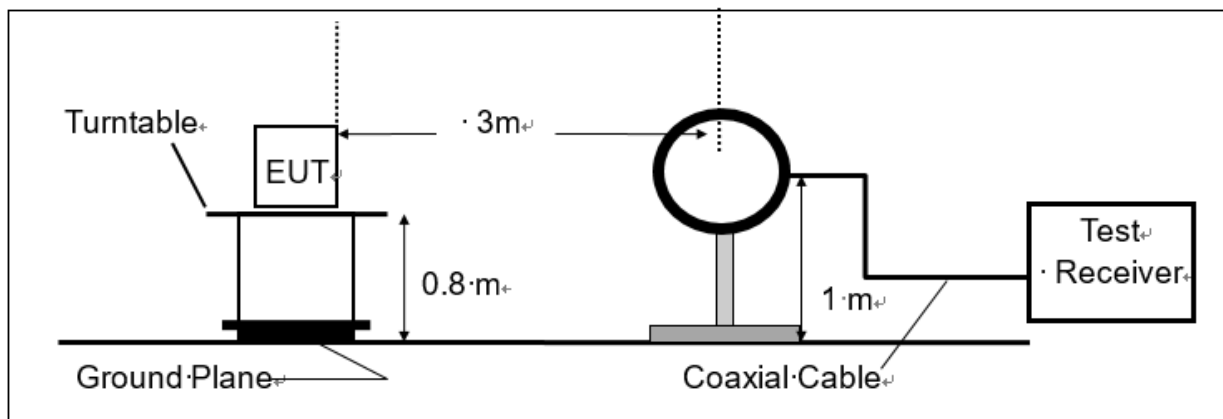
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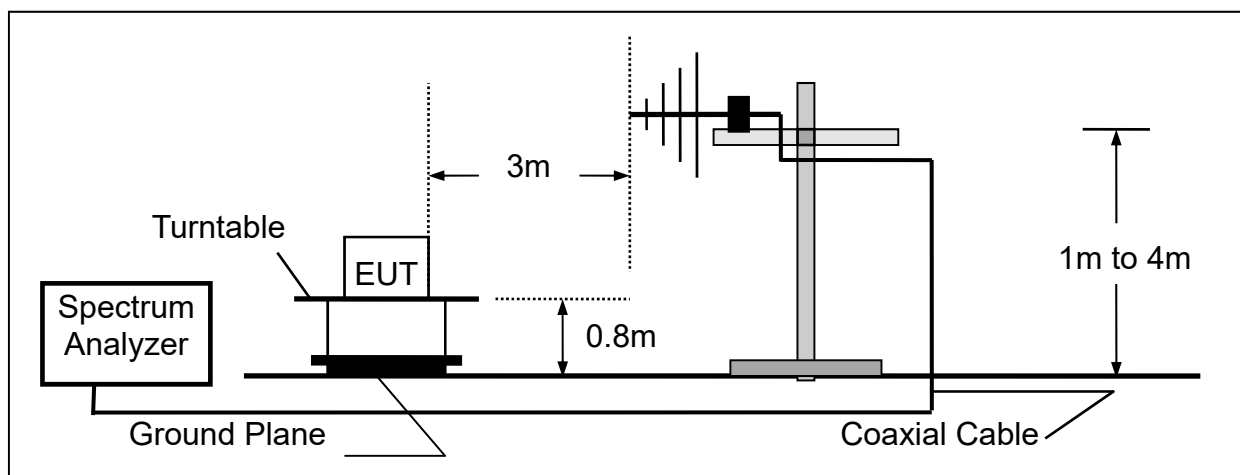
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11.3 Test SET-UP

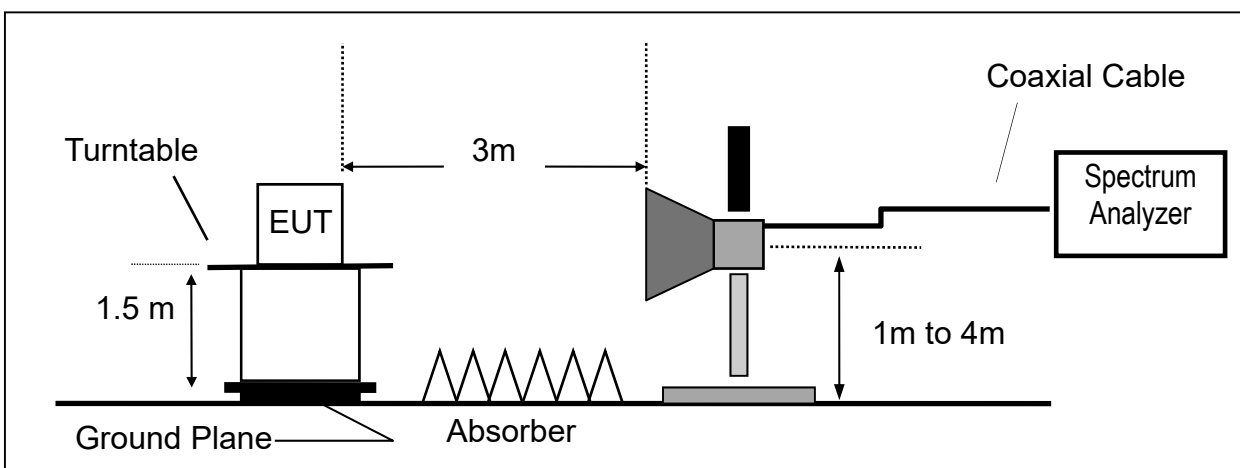
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



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



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



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11.4 Measurement Procedure

1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. The EUT was placed on a turn table with 0.8m for frequency< 1GHz and 1.5m for frequency> 1GHz above ground plane.
4. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
5. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
6. Set the spectrum analyzer as RBW=100 kHz and VBW=300 kHz for Peak Detector (PK) at frequency between 30MHz and 1 GHz
7. Use receiver mode as RBW=120 kHz for Quasi-peak (QP) at frequency between 30MHz and 1 GHz.
8. At frequency above 1 GHz, Set the spectrum analyzer:
 - A. RBW=1 MHz, VBW=3 MHz for **Peak** Detector.
 - B. Set the spectrum analyzer as RBW=1 MHz, VBW=10 Hz (Duty cycle > 98%) or VBW $\geq 1/T$ (Duty cycle < 98%) for **Average** Detector.
9. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
10. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
11. Repeat above procedures until all frequency measured were complete.

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11.5 Field Strength Calculation

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

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

Where *FS* = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

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

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

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

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

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit per 15.31(o) & RSS-GEN §6.13.2 was not reported.

Pre-scanned was done at frequency 5.47 GHz and 5.85 GHz for bandedge measurement of straddle channels 138, 142 and 144 which was 20dB lower than the limit per 15.31(o) & RSS-GEN §6.13.2 was not reported.

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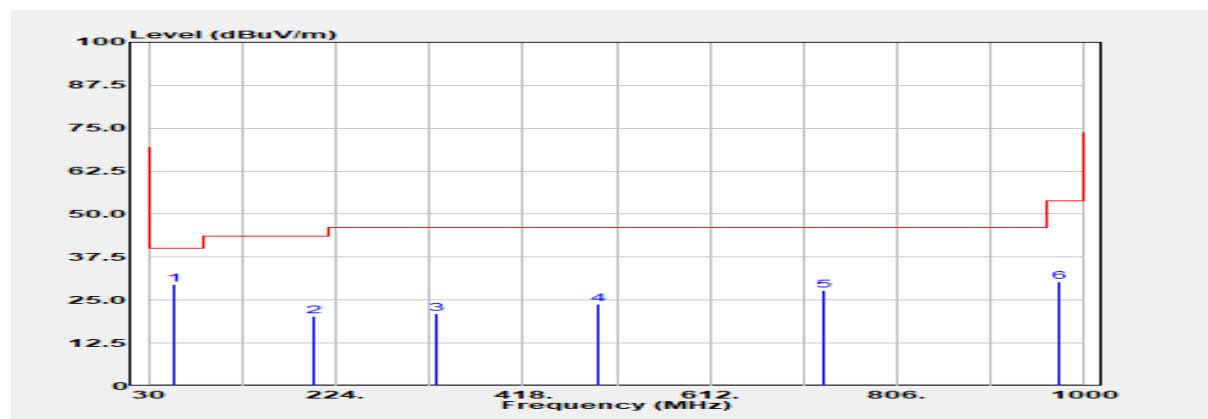
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11.7 Radiated Spurious Emission Measurement Result

11.7.1 Below 1GHz Worst-Case Data:

Report Number	:E2/2021/60023	Test Site	:966 Chamber G
Operation Mode	:802.11a/Band 1	Test Date	:2021-06-25
Test Frequency	:5220 MHz	Temp./Humi.	:19.1/71
Test Mode	:TX CH MID	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
57.160	Peak	42.99	-13.41	29.58	40.00	-10.42
201.690	Peak	36.48	-16.25	20.23	43.50	-23.27
327.790	Peak	32.84	-11.70	21.14	46.00	-24.86
495.600	Peak	31.46	-7.54	23.92	46.00	-22.08
729.370	Peak	30.61	-2.79	27.81	46.00	-18.19
974.780	Peak	30.27	0.09	30.35	54.00	-23.65

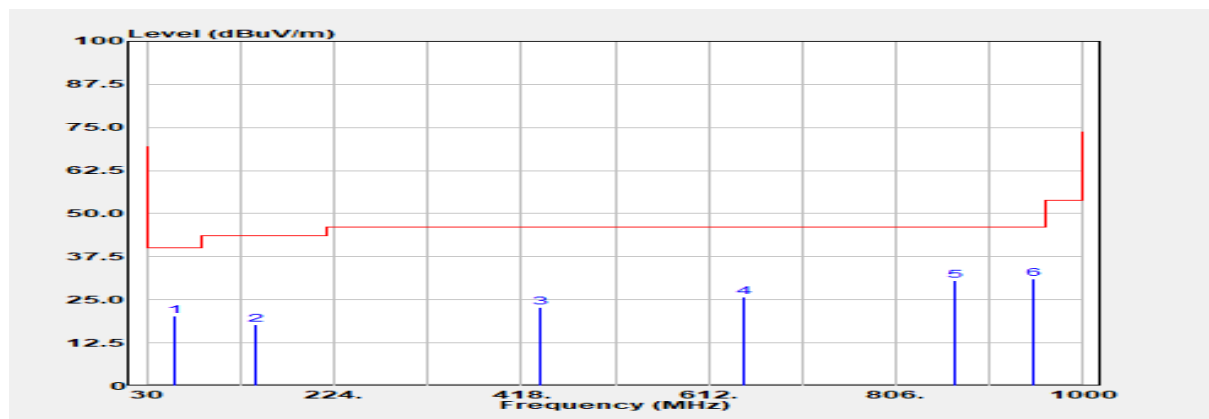
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band 1
 Test Frequency :5220 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-25
 Temp./Humi. :19.1/71
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



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
58.130	Peak	33.62	-13.44	20.18	40.00	-19.82
143.490	Peak	30.90	-13.15	17.75	43.50	-25.75
437.400	Peak	31.03	-8.23	22.80	46.00	-23.20
647.890	Peak	30.75	-4.85	25.90	46.00	-20.10
868.080	Peak	31.17	-0.62	30.55	46.00	-15.45
947.620	Peak	30.82	0.20	31.02	46.00	-14.98

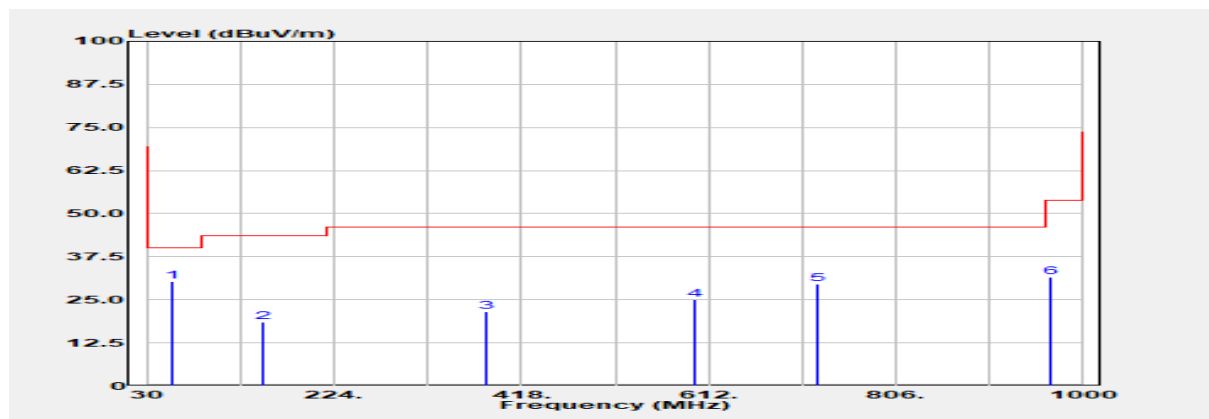
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band2
 Test Frequency :5300 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-25
 Temp./Humi. :19.1/71
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
56.190	Peak	43.52	-13.32	30.20	40.00	-9.80
150.280	Peak	31.60	-13.12	18.48	43.50	-25.02
381.140	Peak	31.97	-10.32	21.65	46.00	-24.35
598.420	Peak	31.10	-6.03	25.07	46.00	-20.93
723.550	Peak	32.23	-2.57	29.66	46.00	-16.34
965.080	Peak	30.95	0.54	31.49	54.00	-22.51

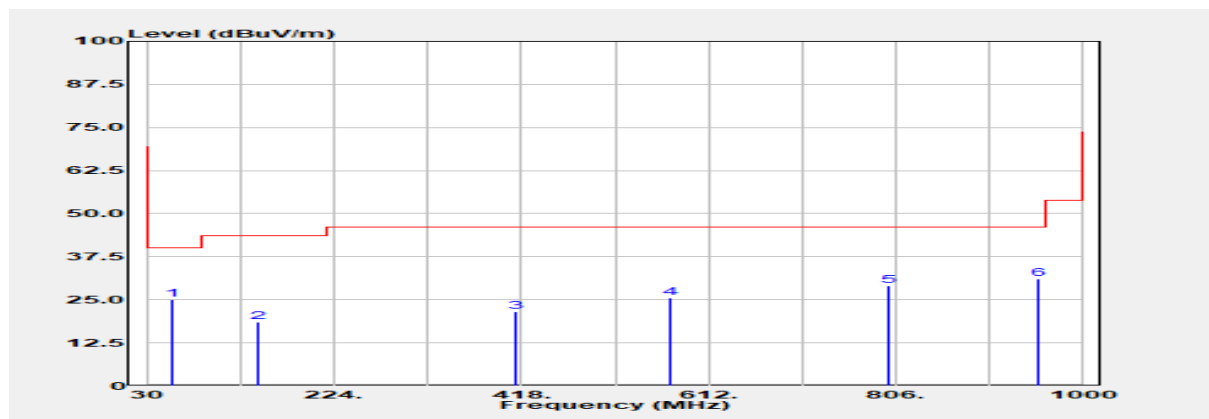
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Report Number :E2/2021/60023
Operation Mode :802.11a/Band2
Test Frequency :5300 MHz
Test Mode :TX CH MID
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-25
Temp./Humi. :19.1/71
Antenna Pol. :Horizontal
Engineer :Jack Tseng



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
56.190	Peak	38.31	-13.32	24.99	40.00	-15.01
145.430	Peak	31.80	-13.14	18.65	43.50	-24.85
411.210	Peak	31.40	-9.73	21.67	46.00	-24.33
571.260	Peak	31.44	-5.81	25.63	46.00	-20.37
797.270	Peak	31.48	-2.30	29.18	46.00	-16.82
952.470	Peak	30.59	0.45	31.05	46.00	-14.95

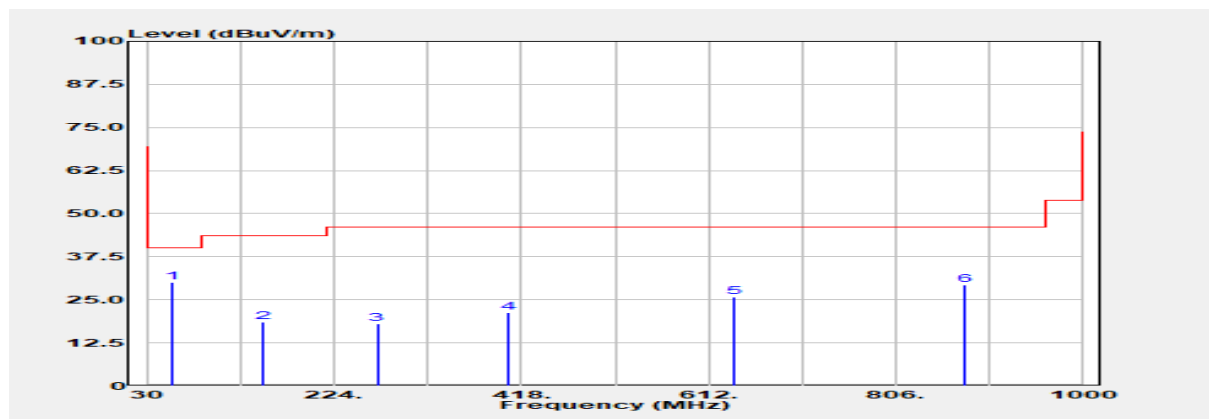
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band3
 Test Frequency :5580 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-25
 Temp./Humi. :19.1/71
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



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
57.160	Peak	43.37	-13.41	29.96	40.00	-10.04
151.250	Peak	31.56	-13.05	18.51	43.50	-24.99
268.620	Peak	31.42	-13.45	17.97	46.00	-28.03
405.390	Peak	31.11	-9.74	21.37	46.00	-24.63
637.220	Peak	30.51	-4.73	25.78	46.00	-20.22
876.810	Peak	30.35	-0.92	29.44	46.00	-16.56

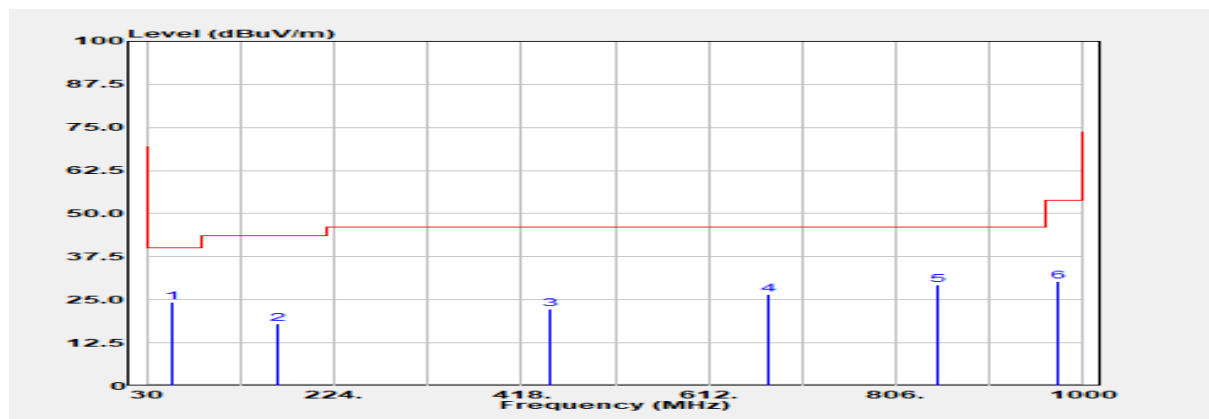
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Report Number :E2/2021/60023
Operation Mode :802.11a/Band3
Test Frequency :5580 MHz
Test Mode :TX CH MID
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-25
Temp./Humi. :19.1/71
Antenna Pol. :Horizontal
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
55.220	Peak	37.51	-13.29	24.22	40.00	-15.78
166.770	Peak	31.50	-13.42	18.09	43.50	-25.41
447.100	Peak	30.67	-8.41	22.26	46.00	-23.74
673.110	Peak	31.12	-4.65	26.47	46.00	-19.53
848.680	Peak	31.02	-1.79	29.24	46.00	-16.76
972.840	Peak	30.19	0.04	30.23	54.00	-23.77

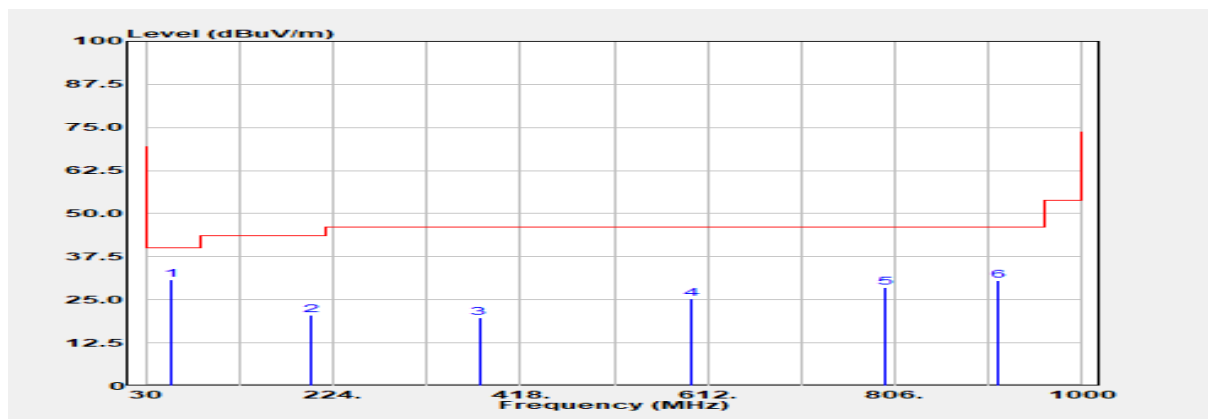
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band4
 Test Frequency :5785 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-25
 Temp./Humi. :19.1/71
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
56.190	Peak	44.09	-13.32	30.77	40.00	-9.23
201.690	Peak	36.74	-16.25	20.49	43.50	-23.01
375.320	Peak	30.37	-10.46	19.90	46.00	-26.10
595.510	Peak	31.08	-5.82	25.26	46.00	-20.74
796.300	Peak	30.87	-2.35	28.52	46.00	-17.48
911.730	Peak	31.63	-1.13	30.50	46.00	-15.50

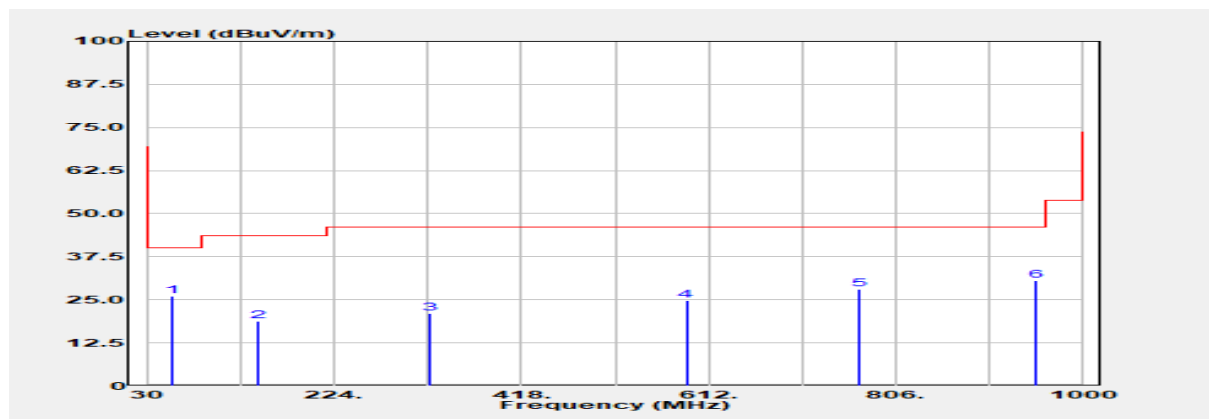
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Report Number :E2/2021/60023
Operation Mode :802.11a/Band4
Test Frequency :5785 MHz
Test Mode :TX CH MID
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-25
Temp./Humi. :19.1/71
Antenna Pol. :Horizontal
Engineer :Jack Tseng



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
56.190	Peak	39.40	-13.32	26.08	40.00	-13.92
144.460	Peak	31.94	-13.07	18.87	43.50	-24.63
322.940	Peak	32.74	-11.73	21.01	46.00	-24.99
588.720	Peak	30.48	-5.73	24.75	46.00	-21.25
767.200	Peak	31.19	-3.15	28.04	46.00	-17.96
950.530	Peak	30.34	0.29	30.63	46.00	-15.37

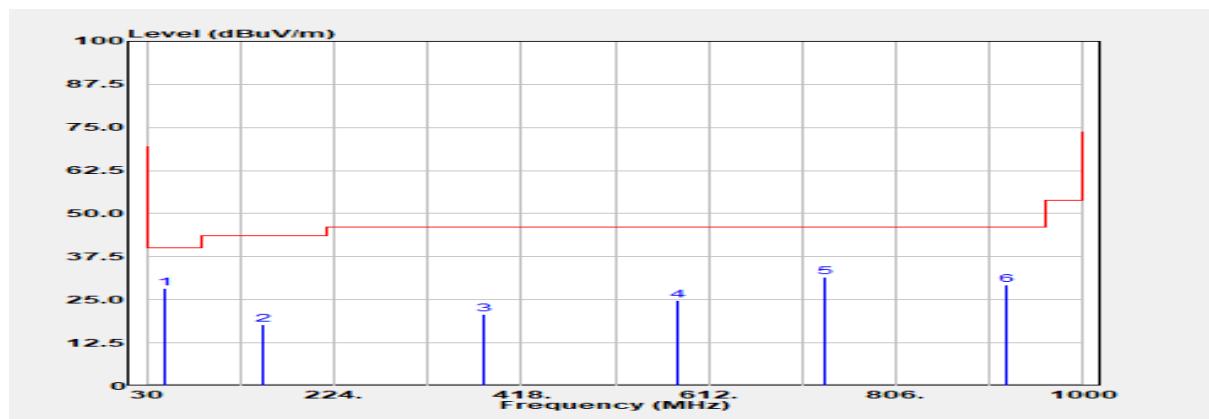
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Report Number :E2/2021/60023
 Operation Mode :802.11ac80/Band1
 Test Frequency :5210 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-25
 Temp./Humi. :19.1/71
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



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
48.430	Peak	41.42	-12.98	28.43	40.00	-11.57
149.310	Peak	31.04	-13.20	17.84	43.50	-25.66
380.170	Peak	31.25	-10.35	20.91	46.00	-25.09
579.990	Peak	30.30	-5.56	24.74	46.00	-21.26
733.250	Peak	34.58	-2.93	31.65	46.00	-14.35
920.460	Peak	29.85	-0.60	29.24	46.00	-16.76

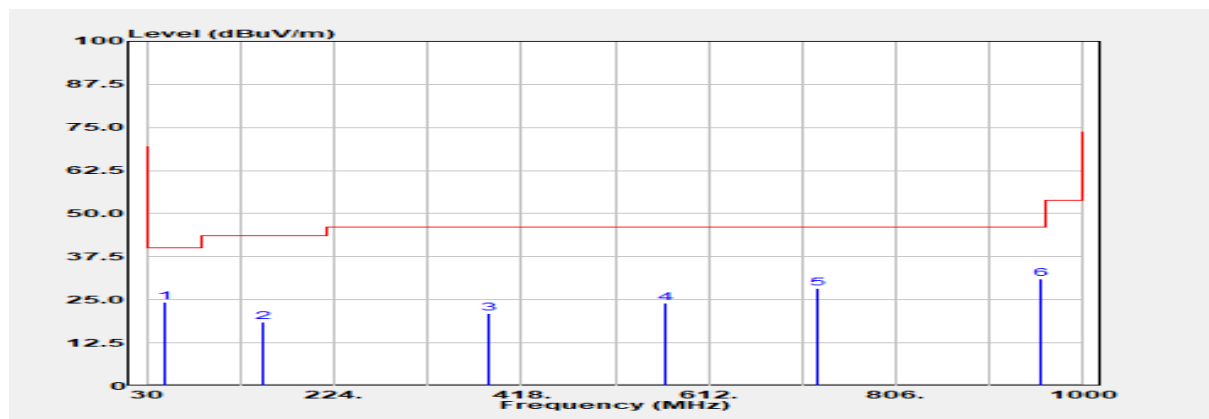
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Report Number :E2/2021/60023
 Operation Mode :802.11ac80/Band1
 Test Frequency :5210 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-25
 Temp./Humi. :19.1/71
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
48.430	Peak	37.31	-12.98	24.32	40.00	-15.68
150.280	Peak	31.56	-13.12	18.44	43.50	-25.06
384.050	Peak	31.30	-10.24	21.06	46.00	-24.94
566.410	Peak	30.42	-6.27	24.15	46.00	-21.85
724.520	Peak	30.85	-2.51	28.34	46.00	-17.66
955.380	Peak	30.45	0.64	31.09	46.00	-14.91

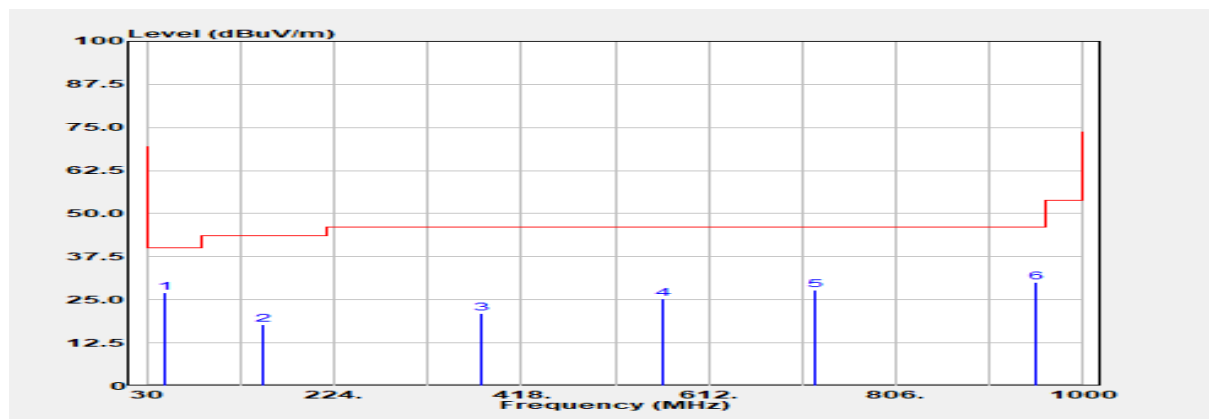
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Report Number :E2/2021/60023
 Operation Mode :802.11ac80/Band2
 Test Frequency :5290 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-25
 Temp./Humi. :19.1/71
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
48.430	Peak	40.05	-12.98	27.07	40.00	-12.93
149.310	Peak	30.97	-13.20	17.77	43.50	-25.73
376.290	Peak	31.41	-10.44	20.97	46.00	-25.03
565.440	Peak	31.64	-6.41	25.23	46.00	-20.77
721.610	Peak	30.46	-2.68	27.78	46.00	-18.22
951.500	Peak	29.64	0.37	30.02	46.00	-15.98

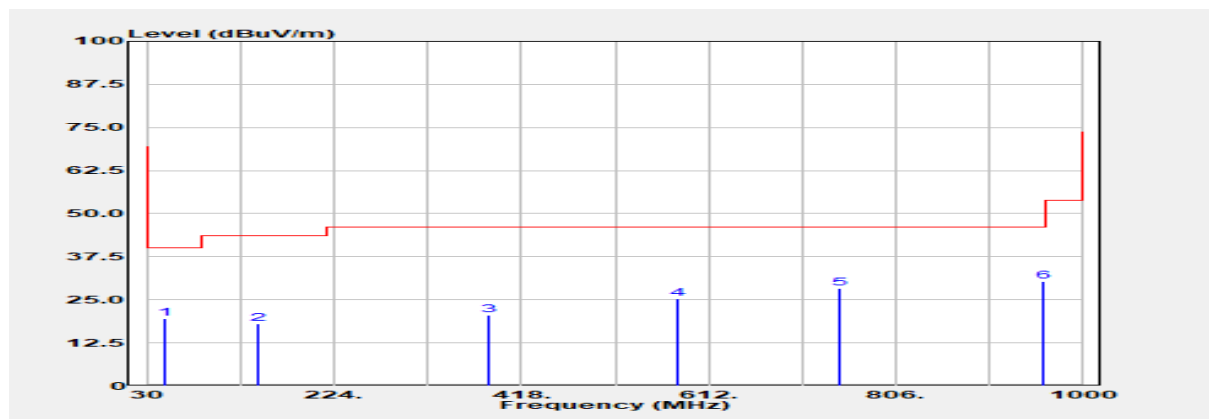
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Report Number :E2/2021/60023
 Operation Mode :802.11ac80/Band2
 Test Frequency :5290 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-25
 Temp./Humi. :19.1/71
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



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
48.430	Peak	32.56	-12.98	19.57	40.00	-20.43
146.400	Peak	31.24	-13.16	18.09	43.50	-25.41
385.020	Peak	30.78	-10.22	20.56	46.00	-25.44
579.020	Peak	30.87	-5.64	25.22	46.00	-20.78
747.800	Peak	31.86	-3.62	28.25	46.00	-17.75
958.290	Peak	29.81	0.50	30.32	46.00	-15.68

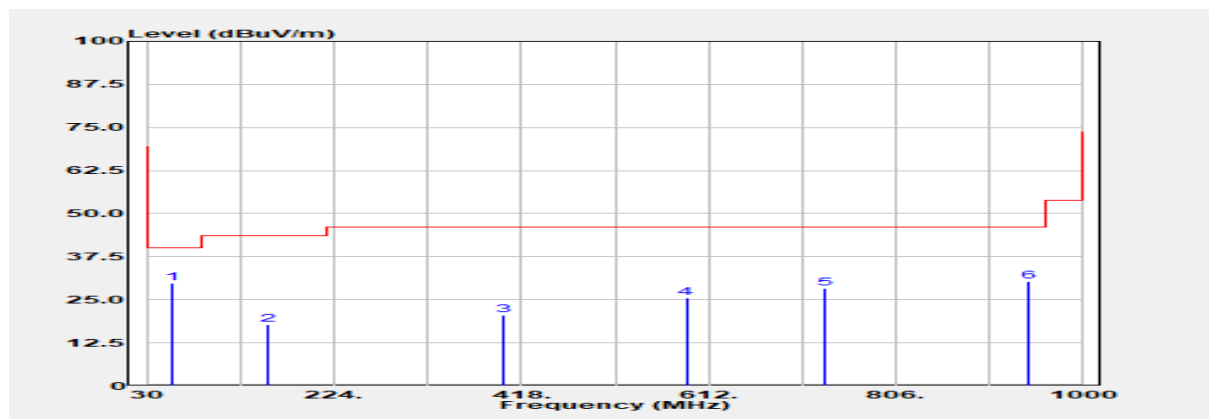
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Report Number :E2/2021/60023
 Operation Mode :802.11ac80/Band3
 Test Frequency :5610 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-25
 Temp./Humi. :19.1/71
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



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
56.190	Peak	43.10	-13.32	29.78	40.00	-10.22
155.130	Peak	30.88	-13.08	17.80	43.50	-25.70
399.570	Peak	30.70	-10.07	20.63	46.00	-25.37
588.720	Peak	31.42	-5.73	25.69	46.00	-20.31
733.250	Peak	31.16	-2.93	28.23	46.00	-17.77
942.770	Peak	30.33	0.03	30.36	46.00	-15.64

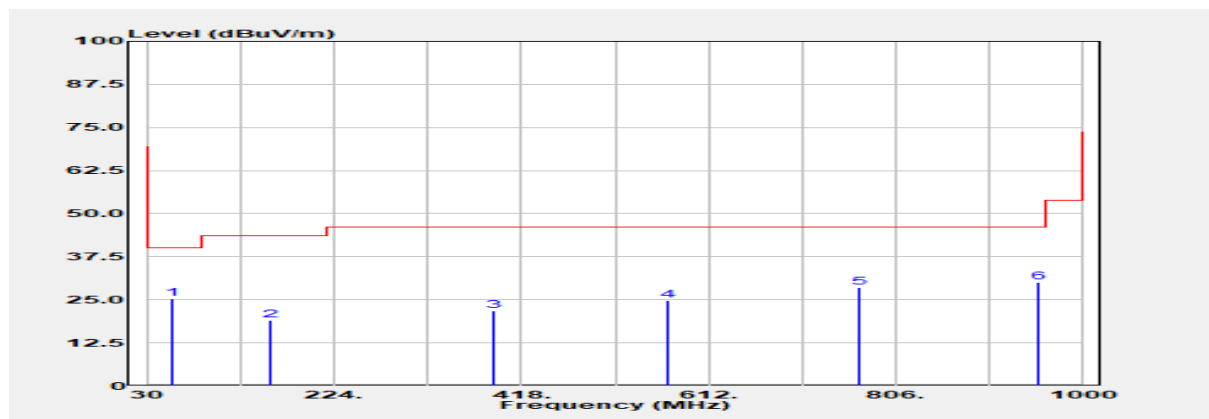
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Report Number :E2/2021/60023
 Operation Mode :802.11ac80/Band3
 Test Frequency :5610 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-25
 Temp./Humi. :19.1/71
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



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
57.160	Peak	38.67	-13.41	25.27	40.00	-14.73
158.040	Peak	32.06	-13.08	18.98	43.50	-24.52
389.870	Peak	32.15	-10.23	21.92	46.00	-24.08
569.320	Peak	30.59	-5.85	24.74	46.00	-21.26
767.200	Peak	31.65	-3.15	28.51	46.00	-17.49
952.470	Peak	29.68	0.45	30.13	46.00	-15.87

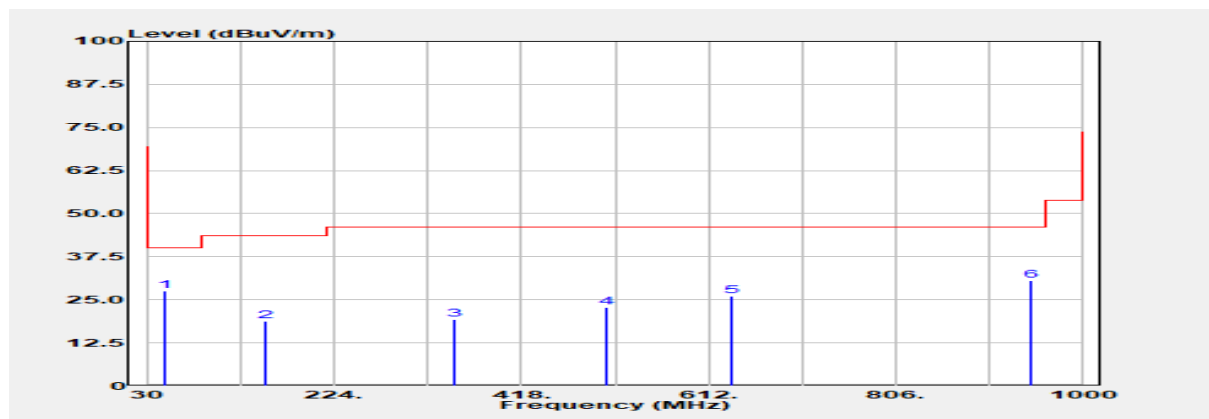
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Report Number :E2/2021/60023
 Operation Mode :802.11ac80/Band4
 Test Frequency :5775 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-25
 Temp./Humi. :19.1/71
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
48.430	Peak	40.47	-12.98	27.49	40.00	-12.51
153.190	Peak	31.92	-13.15	18.77	43.50	-24.73
348.160	Peak	30.54	-11.15	19.39	46.00	-26.61
507.240	Peak	30.39	-7.53	22.86	46.00	-23.14
635.280	Peak	30.85	-4.66	26.19	46.00	-19.81
946.650	Peak	30.31	0.18	30.49	46.00	-15.51

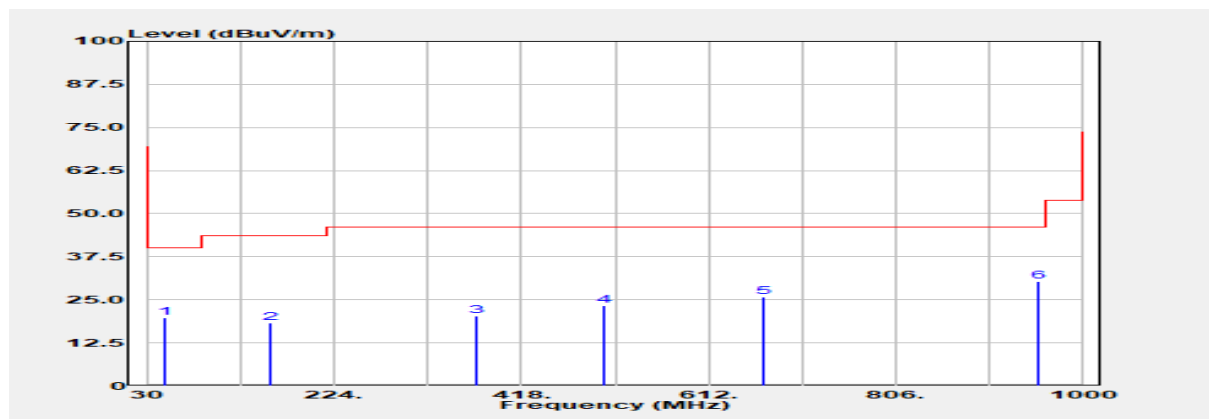
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Report Number :E2/2021/60023
 Operation Mode :802.11ac80/Band4
 Test Frequency :5775 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-25
 Temp./Humi. :19.1/71
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
48.430	Peak	32.83	-12.98	19.85	40.00	-20.15
158.040	Peak	31.29	-13.08	18.20	43.50	-25.30
370.470	Peak	31.16	-10.80	20.36	46.00	-25.64
504.330	Peak	30.72	-7.44	23.29	46.00	-22.71
669.230	Peak	30.18	-4.33	25.85	46.00	-20.15
954.410	Peak	29.74	0.61	30.35	46.00	-15.65

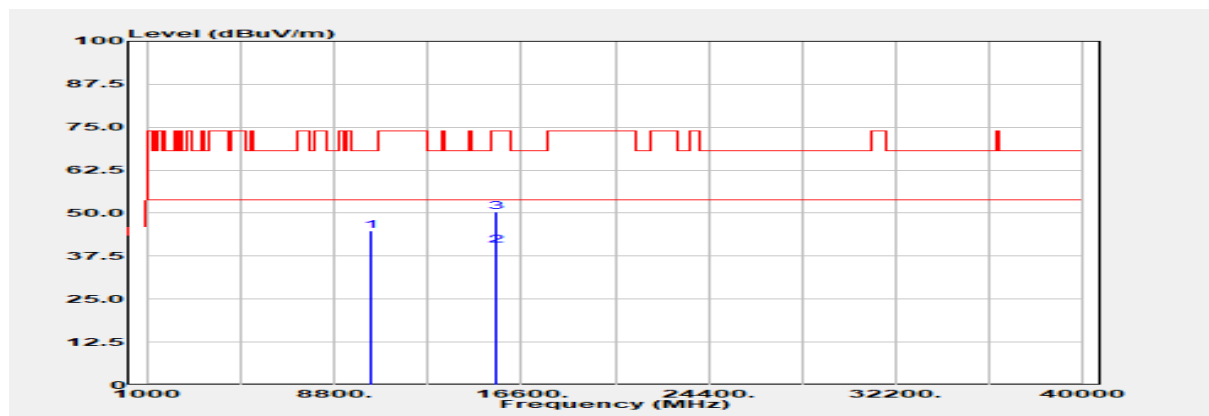
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11.7.2 Above 1GHz Worst-Case Data:

Report Number	:E2/2021/60023	Test Site	:966 Chamber G
Operation Mode	:802.11a/Band 1	Test Date	:2021-06-21
Test Frequency	:5180 MHz	Temp./Humi.	:20.4/69
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.000	Peak	35.76	8.98	44.74	68.20	-23.46
15540.000	Average	28.73	11.88	40.61	54.00	-13.39
15540.000	Peak	38.60	11.88	50.48	74.00	-23.52

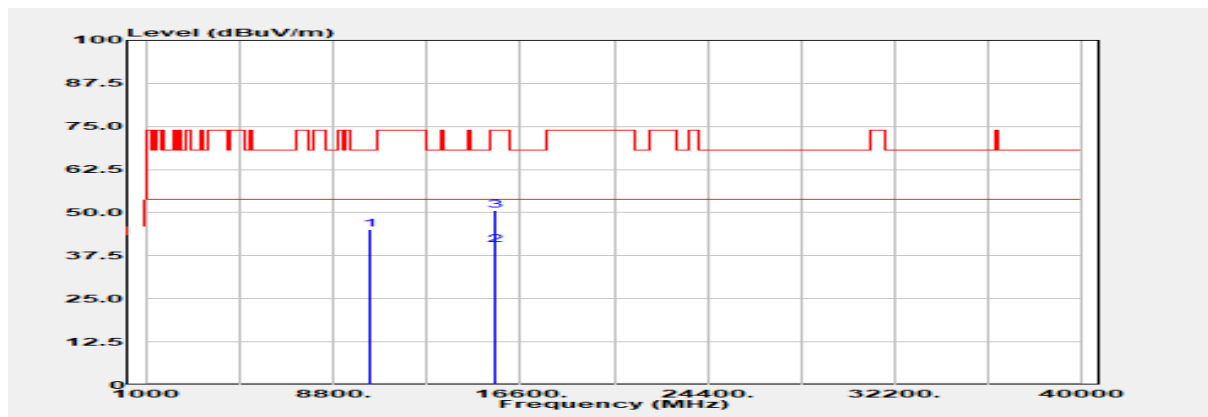
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Report Number :E2/2021/60023
Operation Mode :802.11a/Band 1
Test Frequency :5180 MHz
Test Mode :TX CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-21
Temp./Humi. :20.4/69
Antenna Pol. :Horizontal
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.000	Peak	36.22	8.98	45.20	68.20	-23.00
15540.000	Average	28.69	11.88	40.57	54.00	-13.43
15540.000	Peak	38.75	11.88	50.63	74.00	-23.37

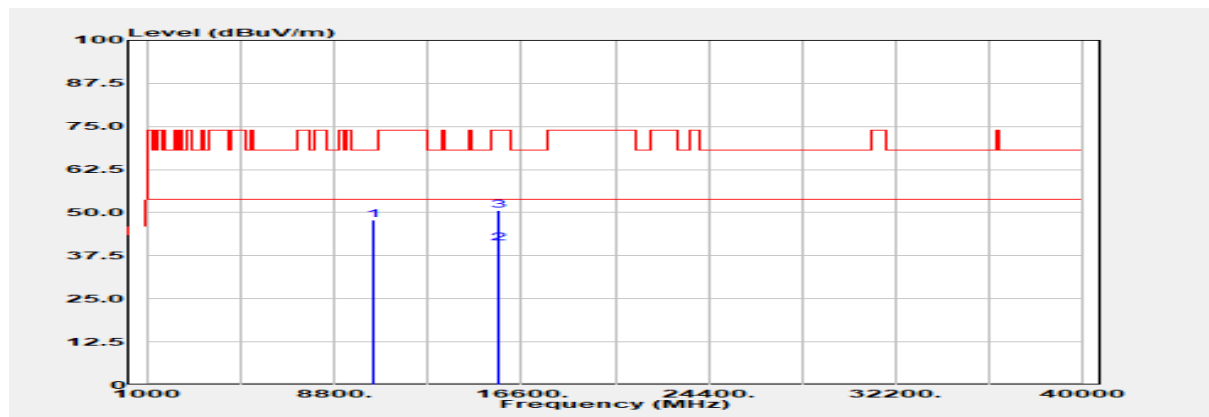
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band 1
 Test Frequency :5220 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10440.000	Peak	38.17	9.68	47.85	68.20	-20.35
15660.000	Average	29.37	11.61	40.98	54.00	-13.02
15660.000	Peak	38.98	11.61	50.59	74.00	-23.41

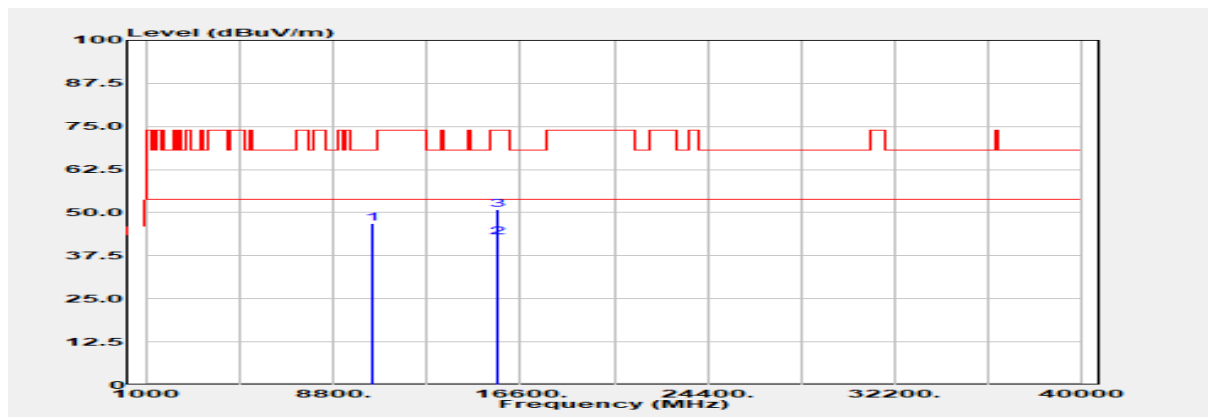
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band 1
 Test Frequency :5220 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10440.000	Peak	37.07	9.68	46.75	68.20	-21.45
15660.000	Average	31.22	11.61	42.83	54.00	-11.17
15660.000	Peak	39.28	11.61	50.89	74.00	-23.11

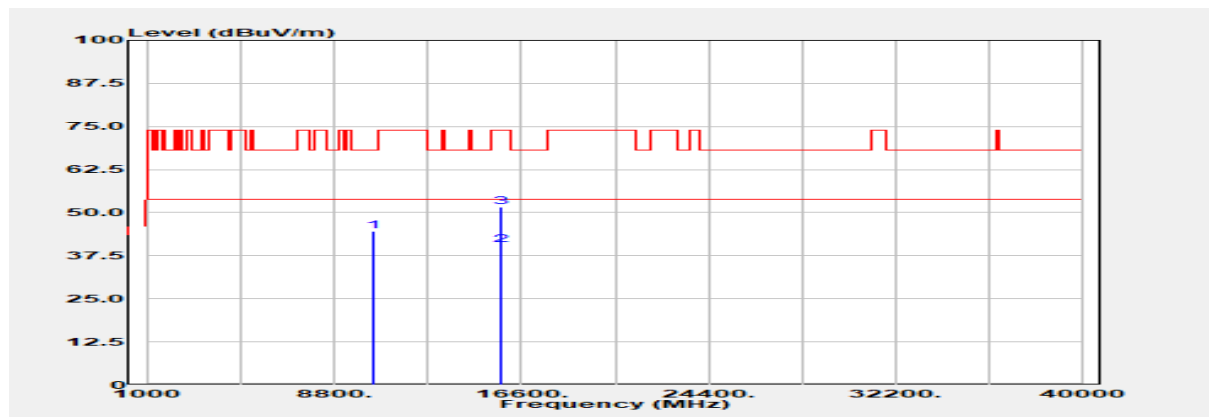
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band 1
 Test Frequency :5240 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.000	Peak	35.21	9.43	44.65	68.20	-23.55
15720.000	Average	29.10	11.41	40.52	54.00	-13.48
15720.000	Peak	40.33	11.41	51.74	74.00	-22.26

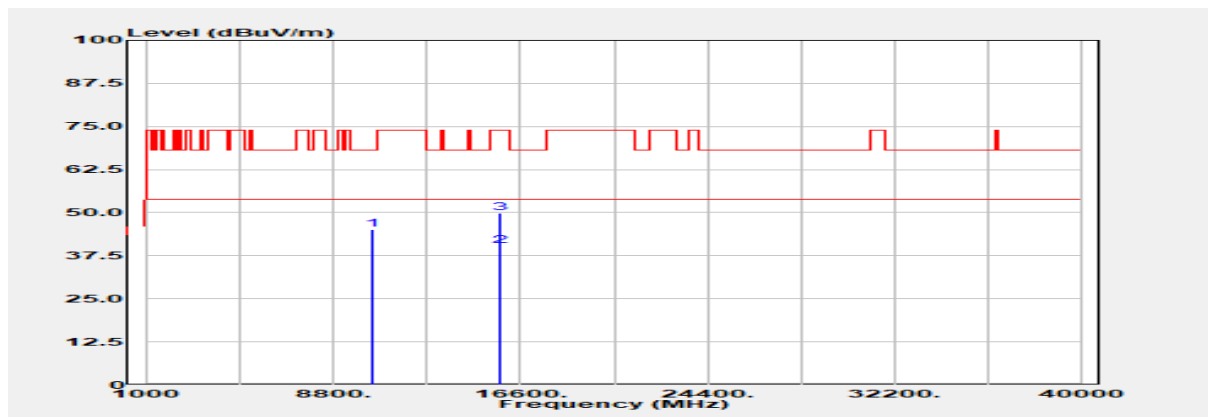
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band 1
 Test Frequency :5240 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.000	Peak	35.79	9.43	45.22	68.20	-22.98
15720.000	Average	29.05	11.41	40.46	54.00	-13.54
15720.000	Peak	38.41	11.41	49.82	74.00	-24.18

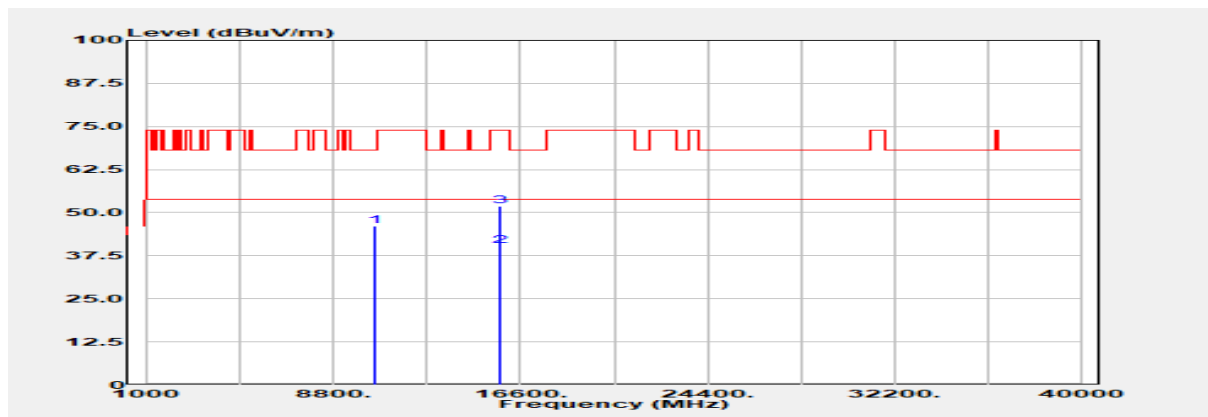
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band2
 Test Frequency :5260 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.000	Peak	36.96	9.06	46.02	68.20	-22.18
15780.000	Average	29.05	11.43	40.47	54.00	-13.53
15780.000	Peak	40.34	11.43	51.76	74.00	-22.24

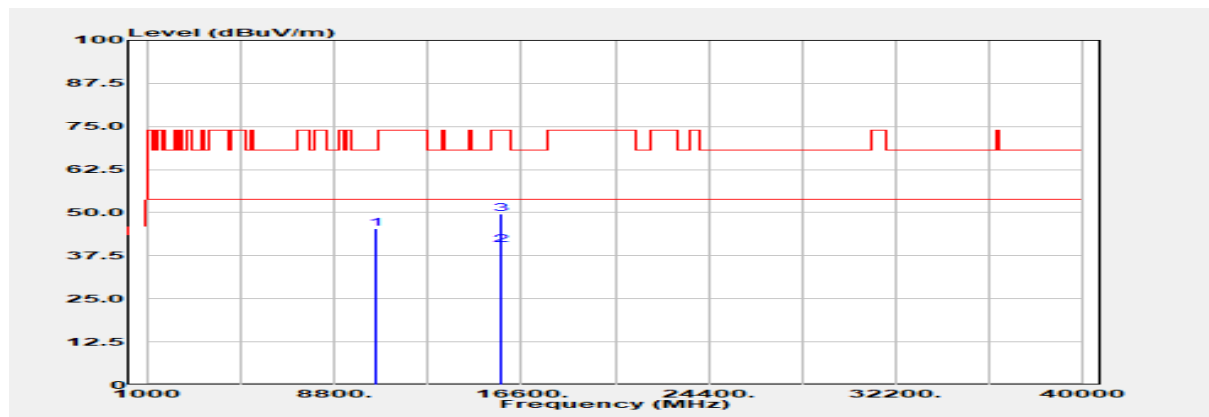
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band2
 Test Frequency :5260 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.000	Peak	36.24	9.06	45.30	68.20	-22.90
15780.000	Average	29.29	11.25	40.54	54.00	-13.46
15780.000	Peak	38.26	11.25	49.52	74.00	-24.48

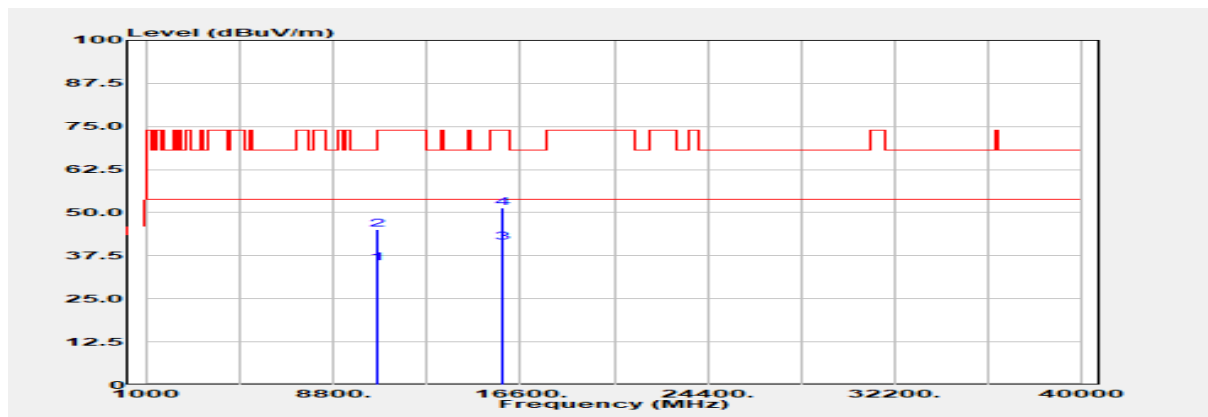
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band2
 Test Frequency :5300 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



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
10600.000	Average	26.38	8.99	35.37	54.00	-18.63
10600.000	Peak	36.04	8.99	45.03	74.00	-28.97
15900.000	Average	29.33	12.01	41.34	54.00	-12.66
15900.000	Peak	39.39	12.01	51.40	74.00	-22.60

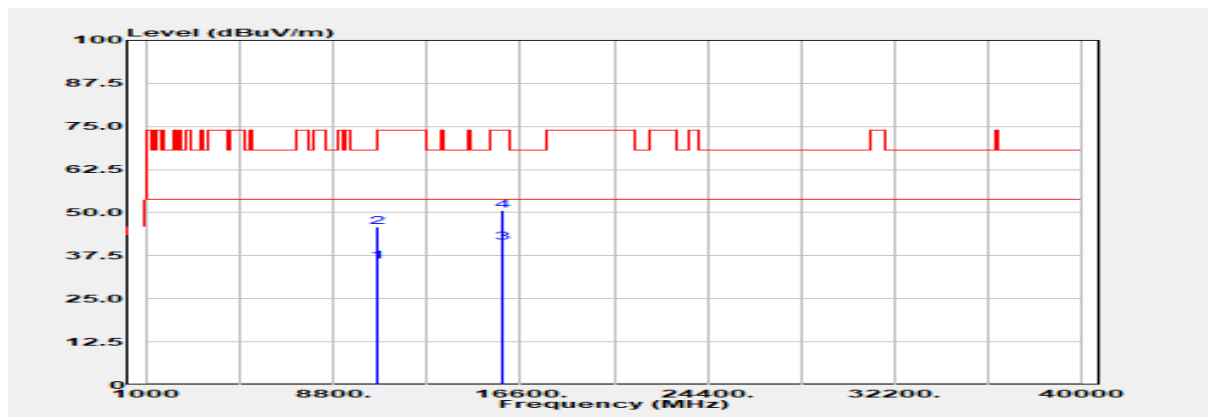
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band2
 Test Frequency :5300 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10600.000	Average	26.91	8.99	35.90	54.00	-18.10
10600.000	Peak	36.95	8.99	45.94	74.00	-28.06
15900.000	Average	29.41	12.01	41.42	54.00	-12.58
15900.000	Peak	38.52	12.01	50.53	74.00	-23.47

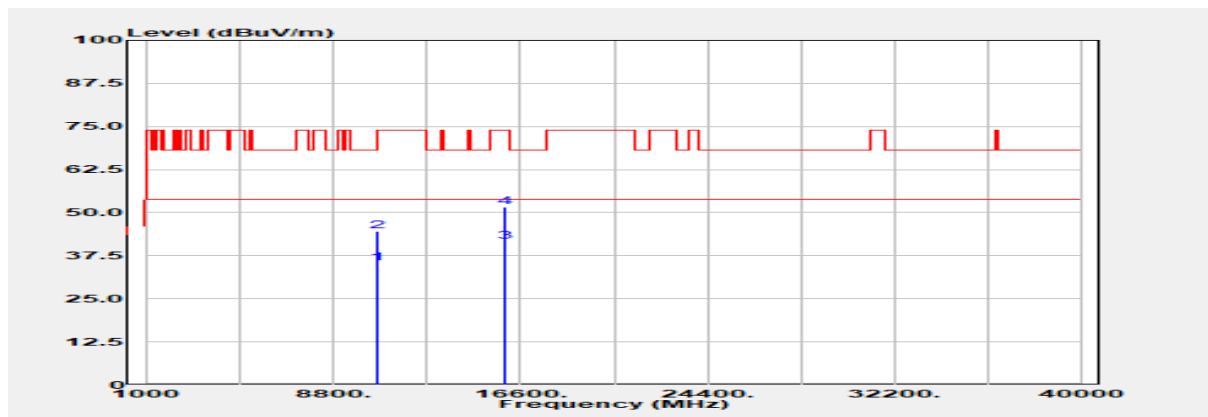
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band2
 Test Frequency :5320 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10640.000	Average	26.66	8.77	35.43	54.00	-18.57
10640.000	Peak	35.75	8.77	44.53	74.00	-29.47
15960.000	Average	29.26	12.26	41.52	54.00	-12.48
15960.000	Peak	39.30	12.26	51.56	74.00	-22.44

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Report Number :E2/2021/60023

Test Site :966 Chamber G

Operation Mode :802.11a/Band2

Test Date :2021-06-21

Test Frequency :5320 MHz

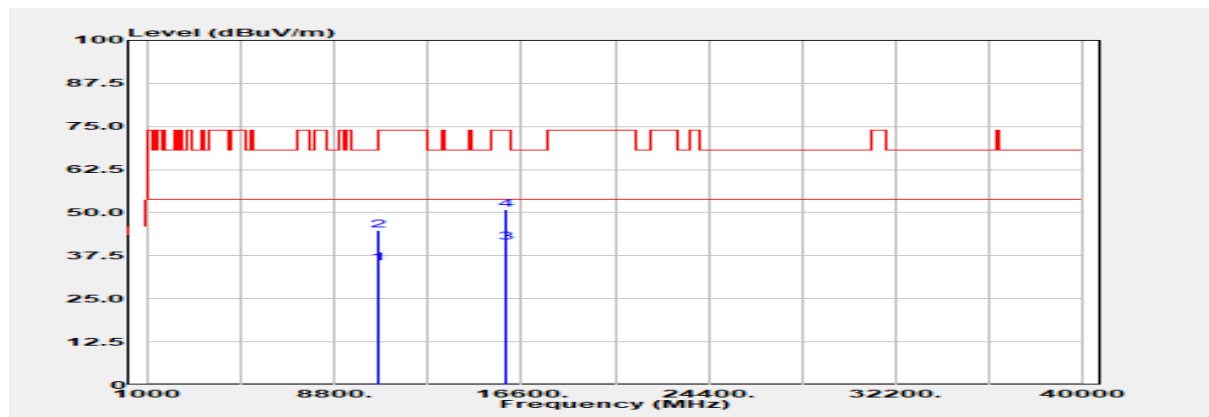
Temp./Humi. :20.4/69

Test Mode :TX CH HIGH

Antenna Pol. :Horizontal

EUT Pol :H Plane

Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10640.000	Average	26.69	8.77	35.46	54.00	-18.54
10640.000	Peak	36.11	8.77	44.88	74.00	-29.12
15960.000	Average	29.18	12.26	41.44	54.00	-12.56
15960.000	Peak	38.58	12.26	50.84	74.00	-23.16

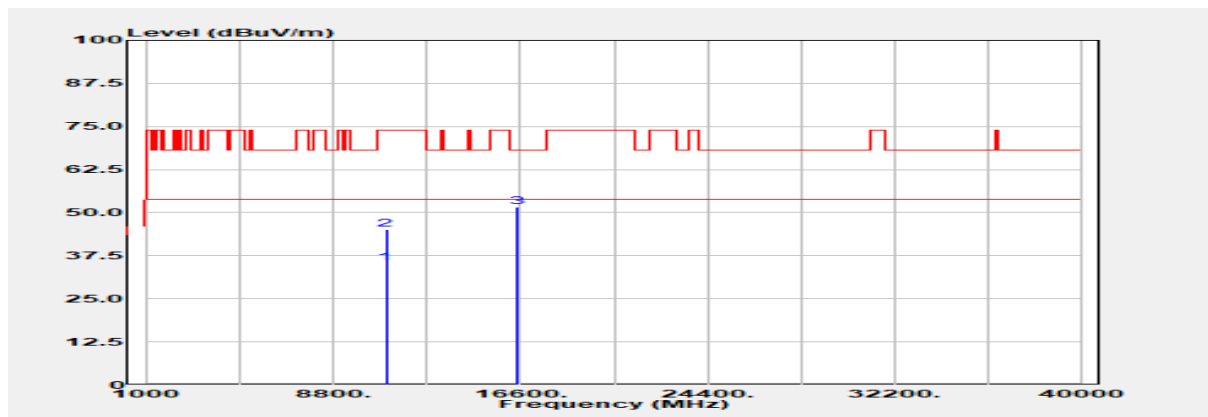
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band3
 Test Frequency :5500 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11000.000	Average	26.67	8.77	35.44	54.00	-18.56
11000.000	Peak	36.22	8.77	44.99	74.00	-29.01
16500.000	Peak	38.99	12.54	51.53	68.20	-16.67

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Report Number :E2/2021/60023

Test Site :966 Chamber G

Operation Mode :802.11a/Band3

Test Date :2021-06-21

Test Frequency :5500 MHz

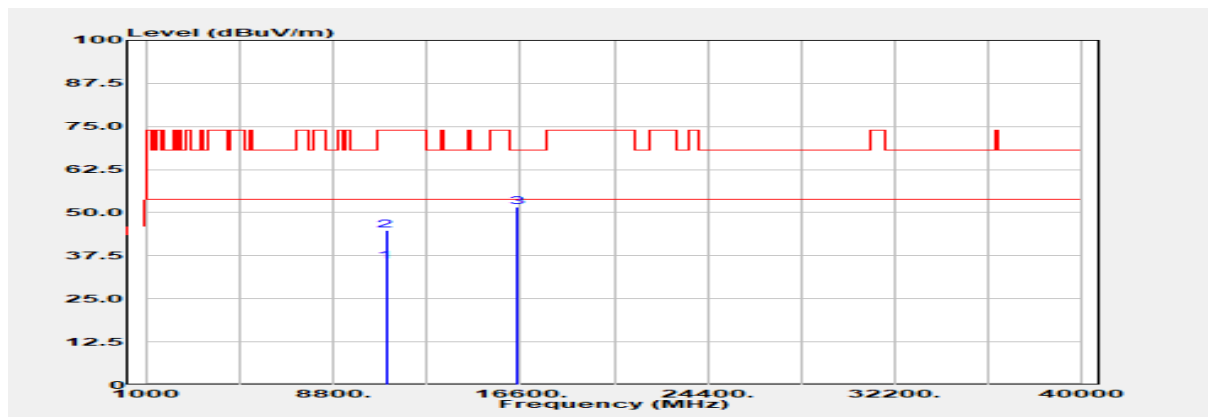
Temp./Humi. :20.4/69

Test Mode :TX CH LOW

Antenna Pol. :Horizontal

EUT Pol :H Plane

Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11000.000	Average	26.96	8.77	35.73	54.00	-18.27
11000.000	Peak	36.05	8.77	44.82	74.00	-29.18
16500.000	Peak	39.07	12.54	51.61	68.20	-16.59

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Report Number :E2/2021/60023

Test Site :966 Chamber G

Operation Mode :802.11a/Band3

Test Date :2021-06-21

Test Frequency :5580 MHz

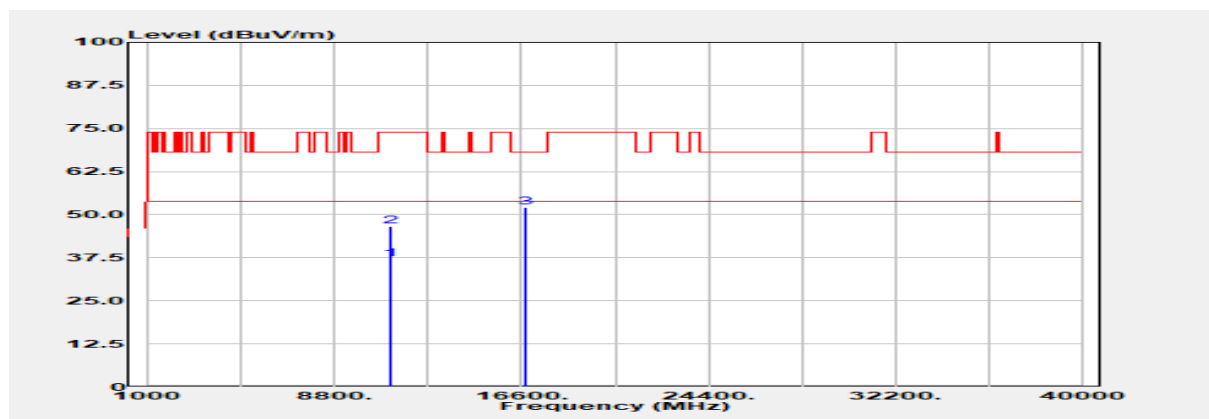
Temp./Humi. :20.4/69

Test Mode :TX CH MID

Antenna Pol. :Vertical

EUT Pol :H Plane

Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11160.000	Average	27.79	9.36	37.15	54.00	-16.85
11160.000	Peak	37.15	9.36	46.51	74.00	-27.49
16740.000	Peak	40.79	11.29	52.08	68.20	-16.12

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Report Number :E2/2021/60023

Test Site :966 Chamber G

Operation Mode :802.11a/Band3

Test Date :2021-06-21

Test Frequency :5580 MHz

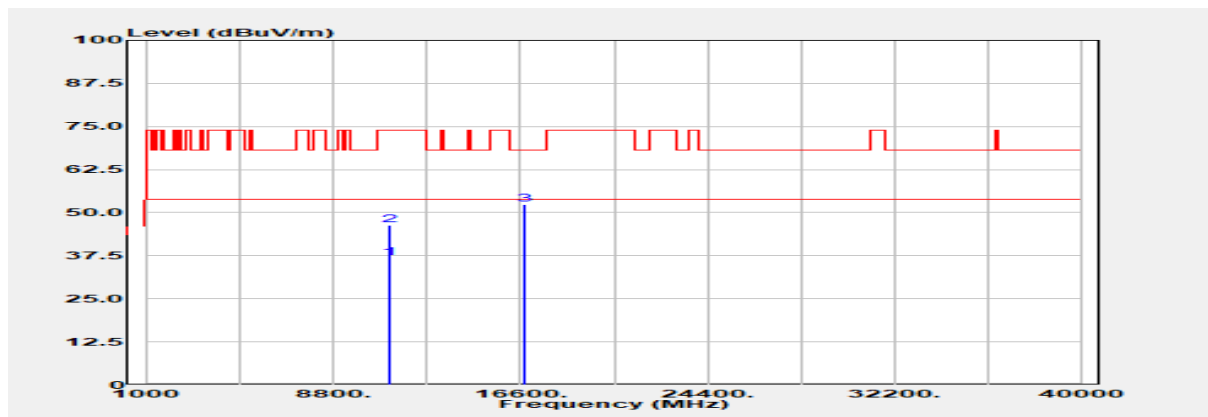
Temp./Humi. :20.4/69

Test Mode :TX CH MID

Antenna Pol. :Horizontal

EUT Pol :H Plane

Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11160.000	Average	27.46	9.36	36.82	54.00	-17.18
11160.000	Peak	36.90	9.36	46.26	74.00	-27.74
16740.000	Peak	40.99	11.29	52.28	68.20	-15.92

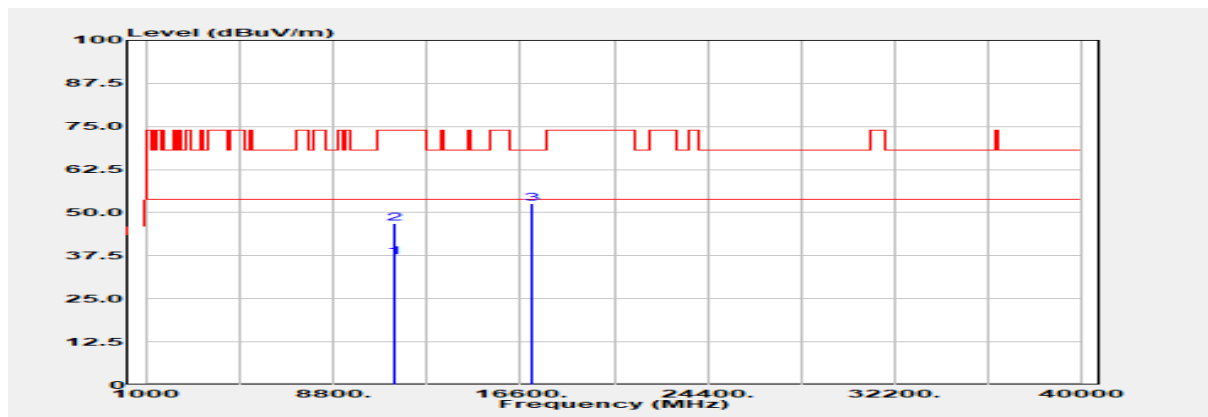
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band3
 Test Frequency :5700 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11400.000	Average	26.77	10.32	37.09	54.00	-16.92
11400.000	Peak	36.51	10.32	46.83	74.00	-27.17
17100.000	Peak	41.04	11.48	52.52	68.20	-15.68

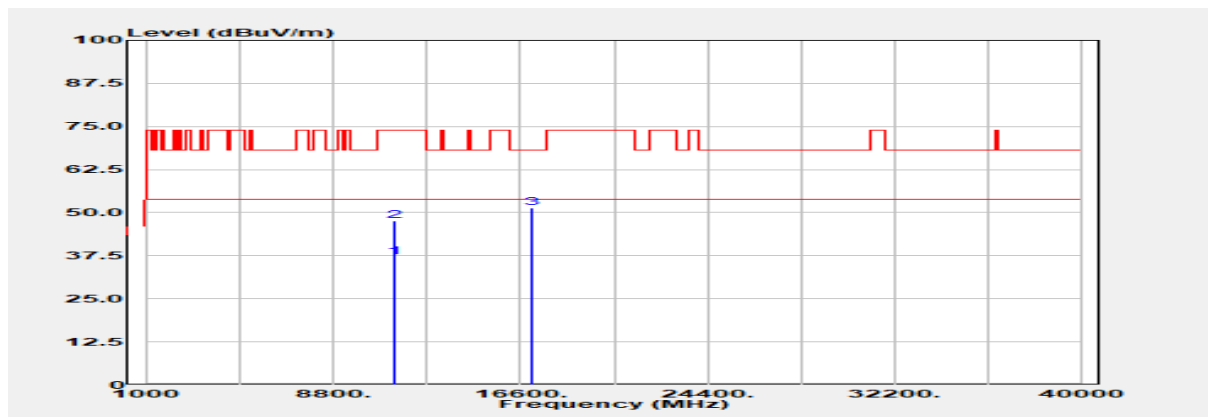
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band3
 Test Frequency :5700 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11400.000	Average	26.78	10.32	37.10	54.00	-16.91
11400.000	Peak	37.40	10.32	47.72	74.00	-26.28
17100.000	Peak	39.80	11.48	51.28	68.20	-16.92

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Report Number :E2/2021/60023

Test Site :966 Chamber G

Operation Mode :802.11a/Band4

Test Date :2021-06-22

Test Frequency :5745 MHz

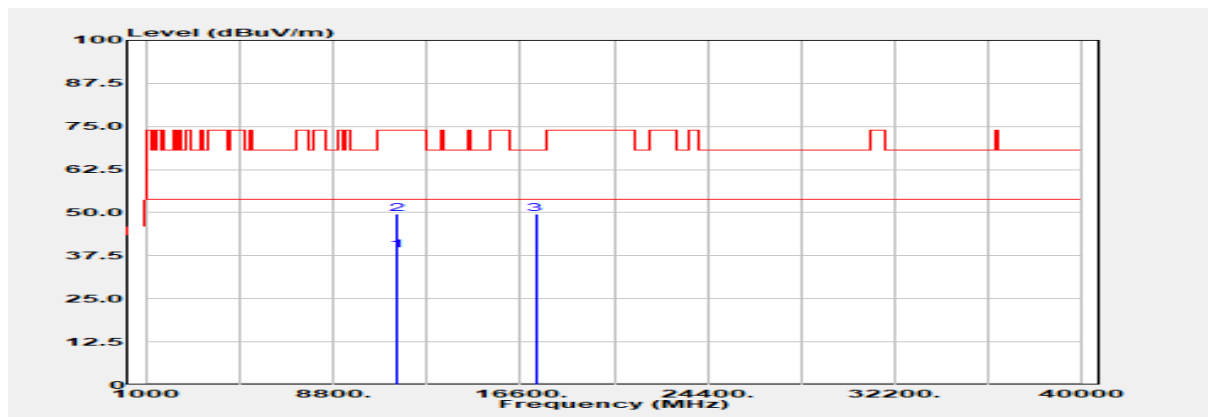
Temp./Humi. :19.4/67

Test Mode :TX CH LOW

Antenna Pol. :Vertical

EUT Pol :H Plane

Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11490.000	Average	28.86	10.17	39.03	54.00	-14.97
11490.000	Peak	39.41	10.17	49.58	74.00	-24.42
17235.000	Peak	38.85	10.65	49.50	68.20	-18.70

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Report Number :E2/2021/60023

Test Site :966 Chamber G

Operation Mode :802.11a/Band4

Test Date :2021-06-22

Test Frequency :5745 MHz

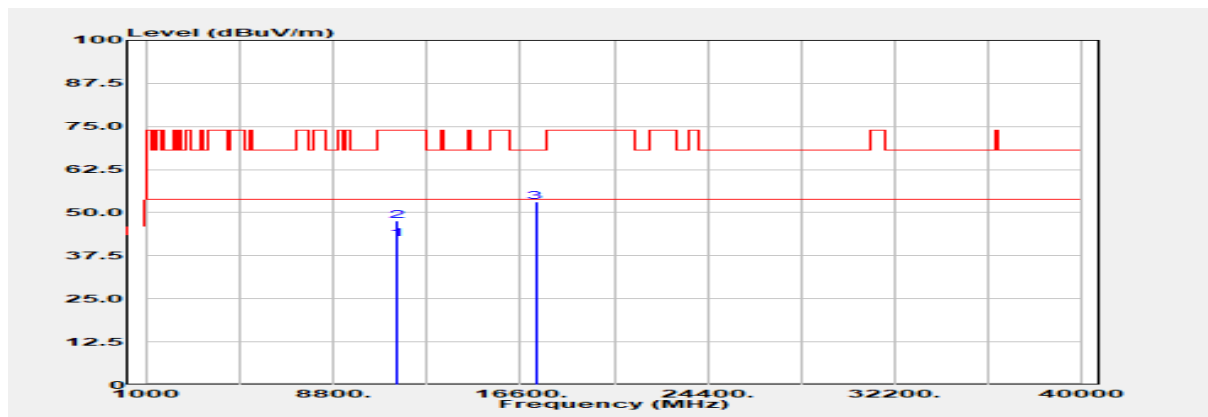
Temp./Humi. :19.4/67

Test Mode :TX CH LOW

Antenna Pol. :Horizontal

EUT Pol :H Plane

Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11490.000	Average	32.18	10.17	42.35	54.00	-11.65
11490.000	Peak	37.52	10.17	47.69	74.00	-26.31
17235.000	Peak	42.41	10.65	53.06	68.20	-15.14

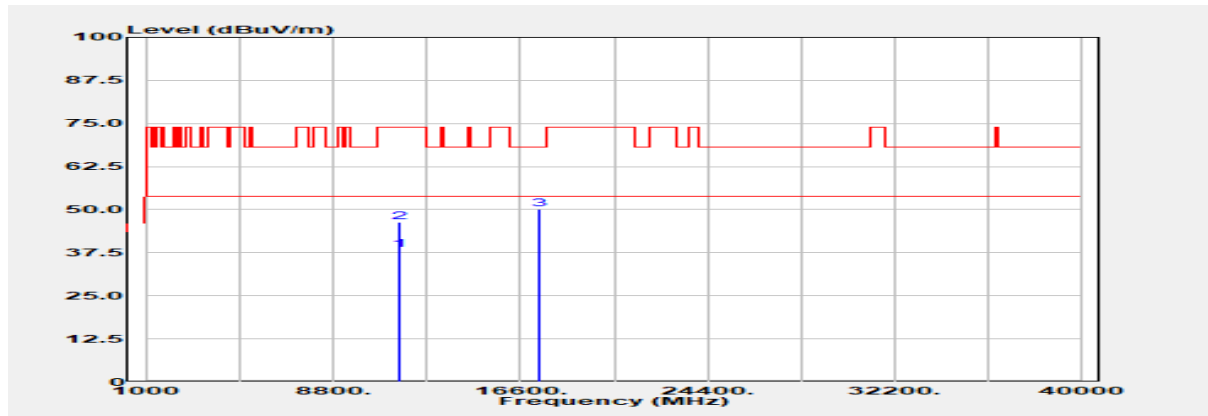
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Report Number :E2/2021/60023
Operation Mode :802.11a/Band4
Test Frequency :5785 MHz
Test Mode :TX CH MID
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-22
Temp./Humi. :19.4/67
Antenna Pol. :Vertical
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11570.000	Average	28.44	10.00	38.44	54.00	-15.56
11570.000	Peak	36.32	10.00	46.32	74.00	-27.68
17355.000	Peak	39.16	10.90	50.06	68.20	-18.14

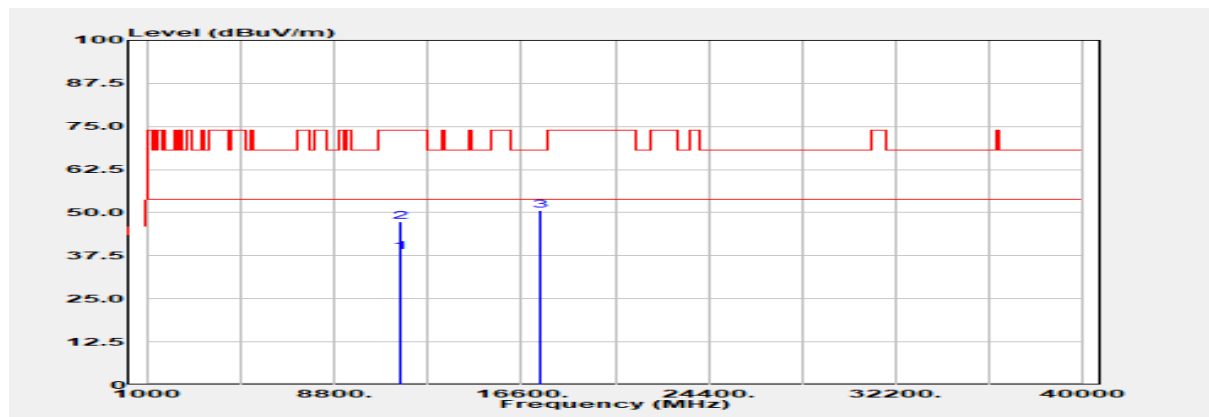
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band4
 Test Frequency :5785 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-22
 Temp./Humi. :19.4/67
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11570.000	Average	28.62	10.00	38.62	54.00	-15.38
11570.000	Peak	37.47	10.00	47.47	74.00	-26.53
17355.000	Peak	39.70	10.90	50.60	68.20	-17.60

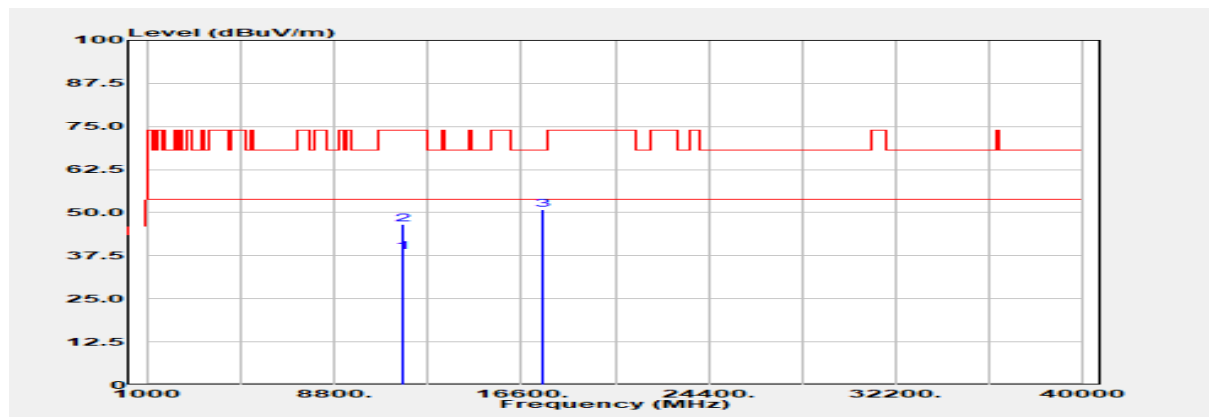
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band4
 Test Frequency :5825 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-22
 Temp./Humi. :19.4/67
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11650.000	Average	28.71	10.00	38.71	54.00	-15.29
11650.000	Peak	36.65	10.00	46.65	74.00	-27.35
17475.000	Peak	39.99	10.78	50.77	68.20	-17.43

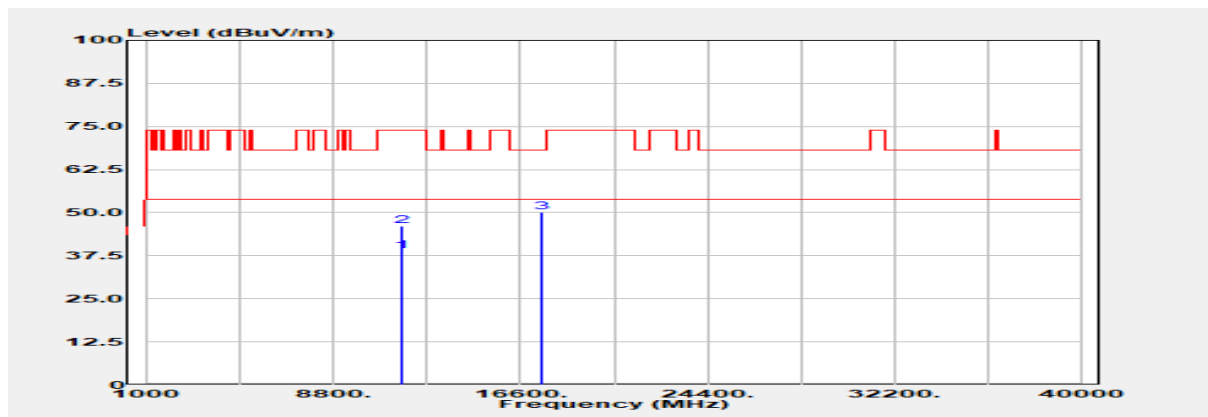
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Report Number :E2/2021/60023
 Operation Mode :802.11a/Band4
 Test Frequency :5825 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-22
 Temp./Humi. :19.4/67
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11650.000	Average	28.81	10.00	38.81	54.00	-15.19
11650.000	Peak	36.08	10.00	46.08	74.00	-27.92
17475.000	Peak	39.27	10.78	50.05	68.20	-18.15

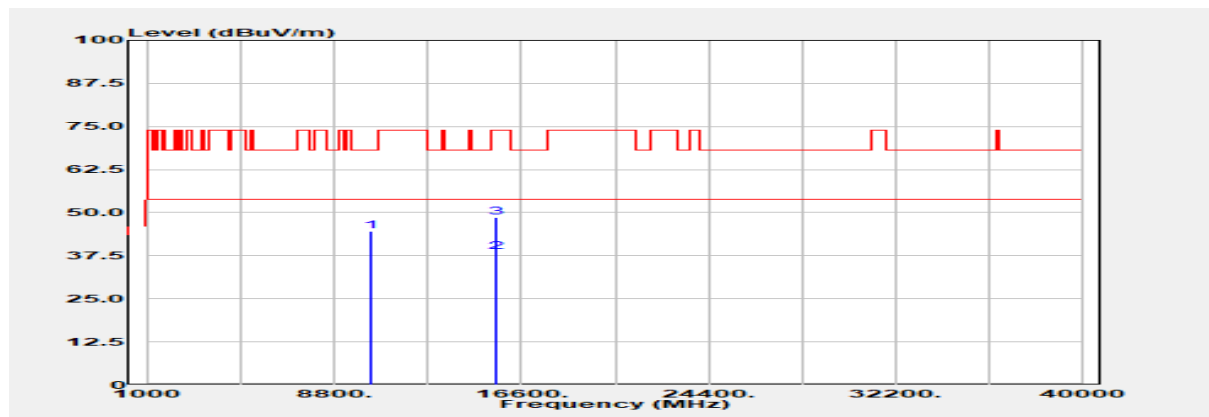
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Report Number :E2/2021/60023
Operation Mode :802.11n20/Band1
Test Frequency :5180 MHz
Test Mode :TX CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Vertical
Engineer :Jack Tseng



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
10360.000	Peak	35.52	8.98	44.50	68.20	-23.70
15540.000	Average	26.64	11.88	38.52	54.00	-15.48
15540.000	Peak	36.74	11.88	48.63	74.00	-25.37

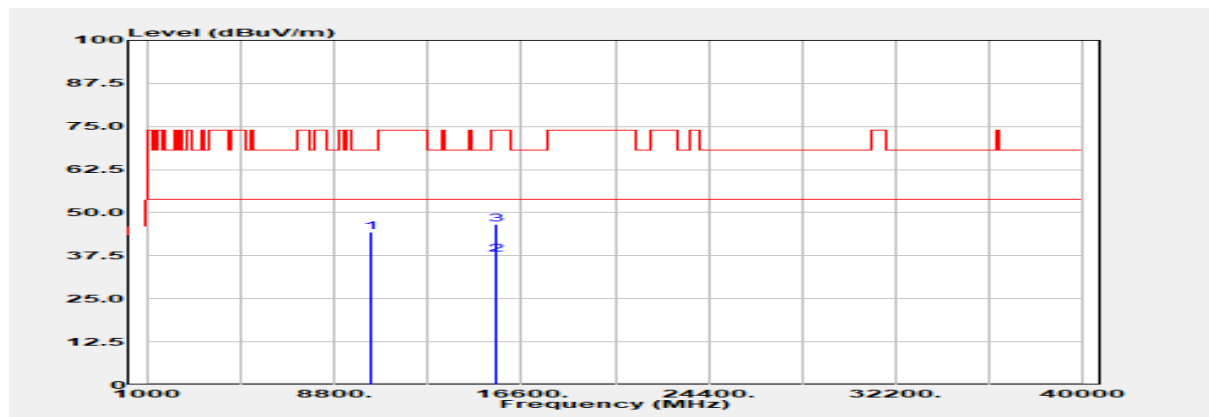
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Report Number :E2/2021/60023
Operation Mode :802.11n20/Band1
Test Frequency :5180 MHz
Test Mode :TX CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Horizontal
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.000	Peak	35.34	8.98	44.33	68.20	-23.87
15540.000	Average	25.92	11.88	37.80	54.00	-16.20
15540.000	Peak	34.81	11.88	46.69	74.00	-27.31

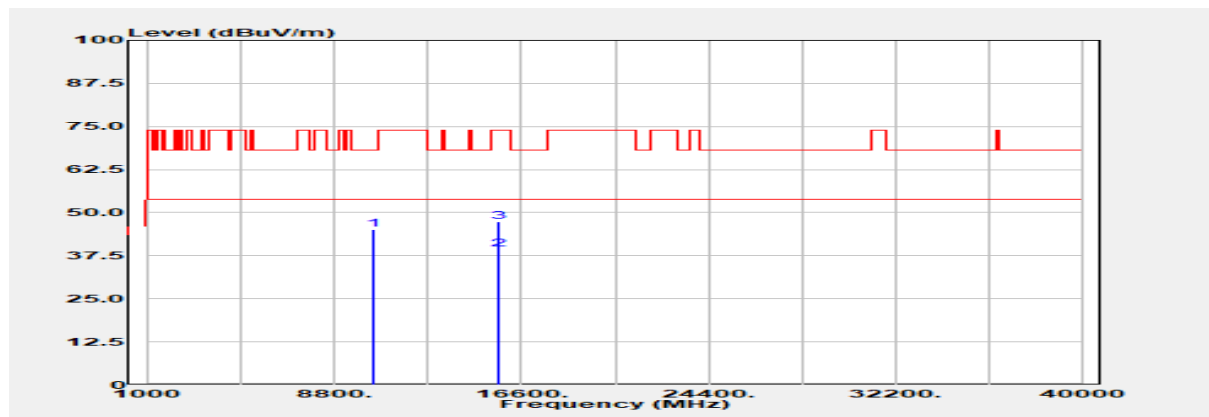
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Report Number :E2/2021/60023
Operation Mode :802.11n20/Band1
Test Frequency :5220 MHz
Test Mode :TX CH MID
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Vertical
Engineer :Jack Tseng



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
10440.000	Peak	35.54	9.68	45.22	68.20	-22.98
15660.000	Average	27.72	11.61	39.33	54.00	-14.67
15660.000	Peak	35.86	11.61	47.47	74.00	-26.53

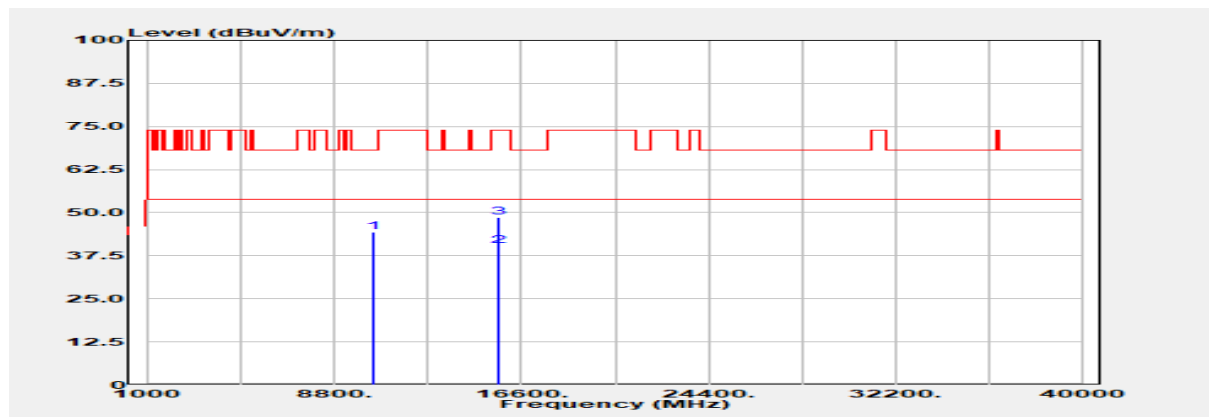
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Report Number :E2/2021/60023
 Operation Mode :802.11n20/Band1
 Test Frequency :5220 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10440.000	Peak	34.62	9.68	44.30	68.20	-23.90
15660.000	Average	28.66	11.61	40.27	54.00	-13.73
15660.000	Peak	37.05	11.61	48.65	74.00	-25.35

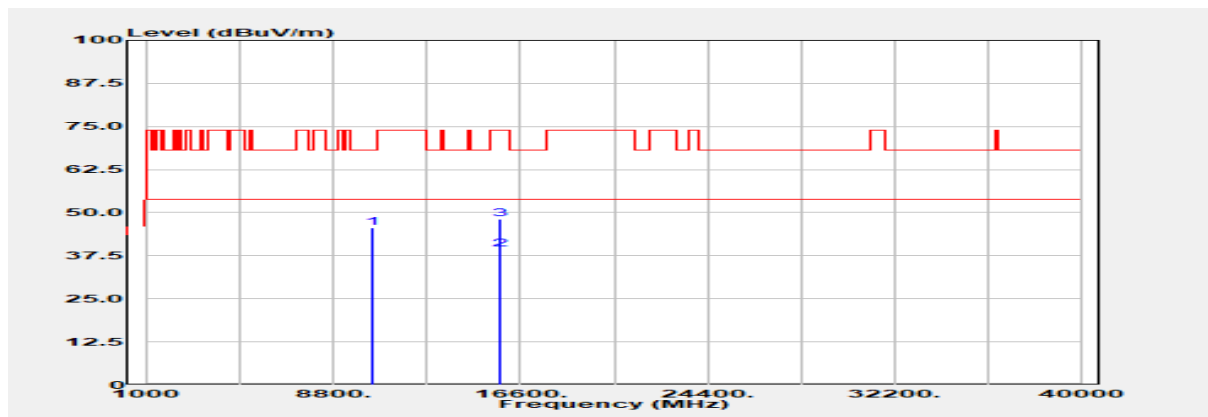
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Report Number :E2/2021/60023
 Operation Mode :802.11n20/Band1
 Test Frequency :5240 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.000	Peak	36.30	9.43	45.73	68.20	-22.47
15720.000	Average	27.98	11.41	39.39	54.00	-14.61
15720.000	Peak	36.64	11.41	48.05	74.00	-25.95

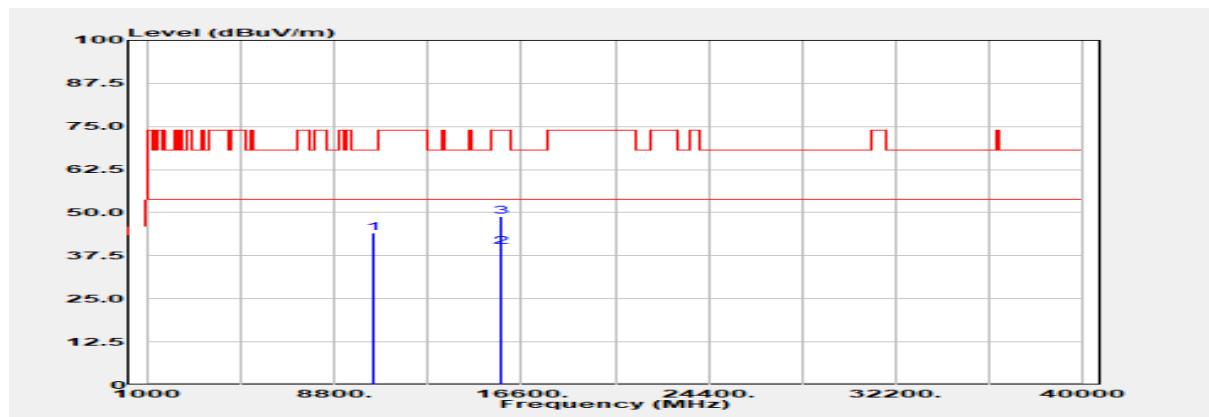
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Report Number :E2/2021/60023
 Operation Mode :802.11n20/Band1
 Test Frequency :5240 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



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
10480.000	Peak	34.79	9.43	44.22	68.20	-23.98
15720.000	Average	28.67	11.41	40.08	54.00	-13.92
15720.000	Peak	37.55	11.41	48.97	74.00	-25.03

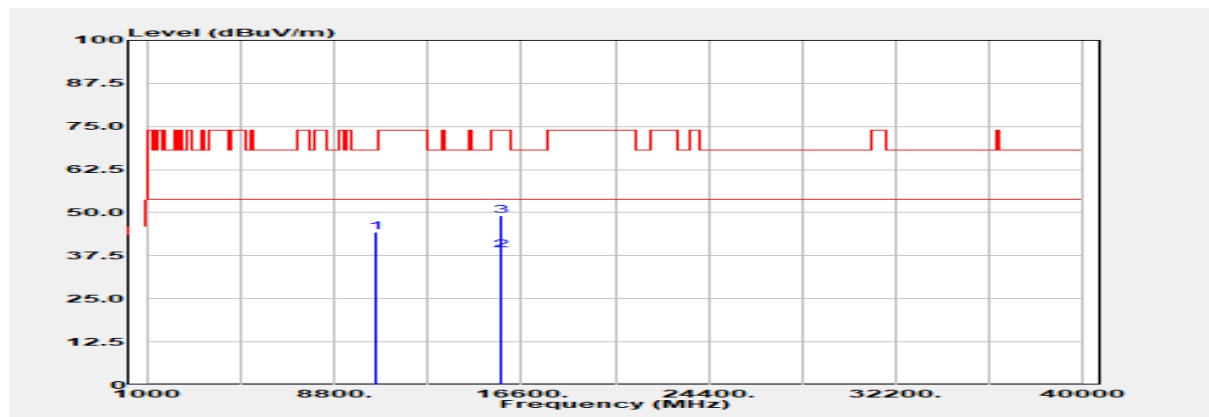
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Report Number :E2/2021/60023
 Operation Mode :802.11n20/Band2
 Test Frequency :5260 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.000	Peak	35.38	9.06	44.44	68.20	-23.76
15780.000	Average	27.61	11.43	39.04	54.00	-14.96
15780.000	Peak	37.60	11.43	49.03	74.00	-24.97

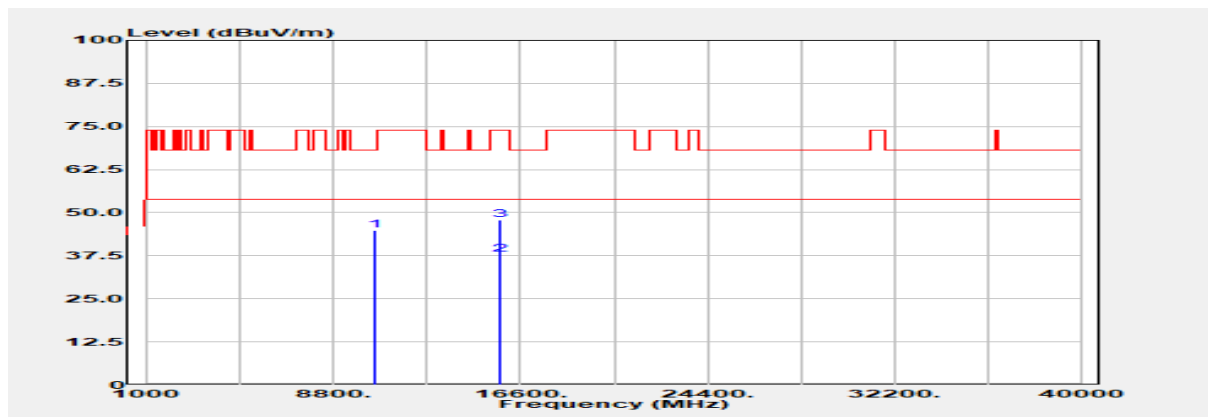
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Report Number :E2/2021/60023
 Operation Mode :802.11n20/Band2
 Test Frequency :5260 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.000	Peak	35.87	9.06	44.93	68.20	-23.27
15780.000	Average	26.33	11.43	37.75	54.00	-16.25
15780.000	Peak	36.52	11.43	47.95	74.00	-26.05

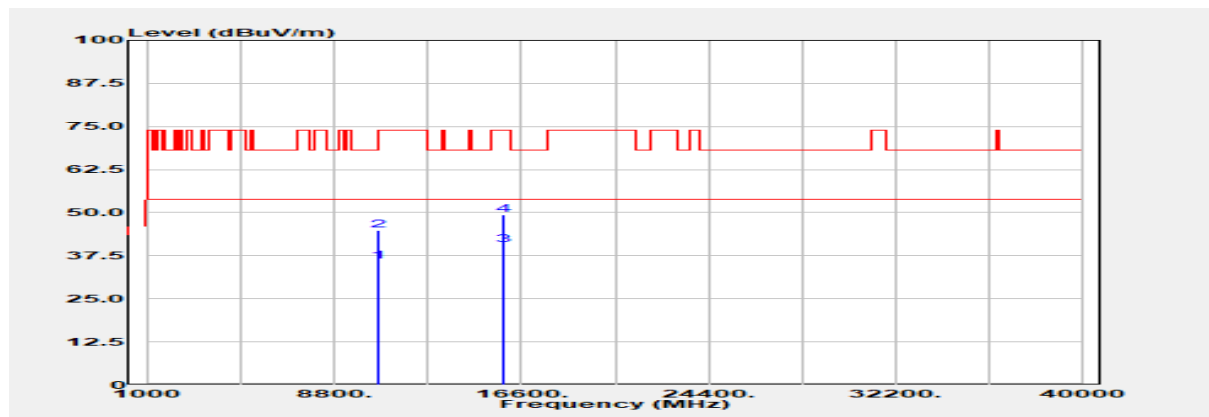
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Report Number :E2/2021/60023
 Operation Mode :802.11n20/Band2
 Test Frequency :5300 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10600.000	Average	26.91	8.99	35.90	54.00	-18.10
10600.000	Peak	35.85	8.99	44.84	74.00	-29.16
15900.000	Average	28.55	12.01	40.56	54.00	-13.44
15900.000	Peak	37.41	12.01	49.42	74.00	-24.58

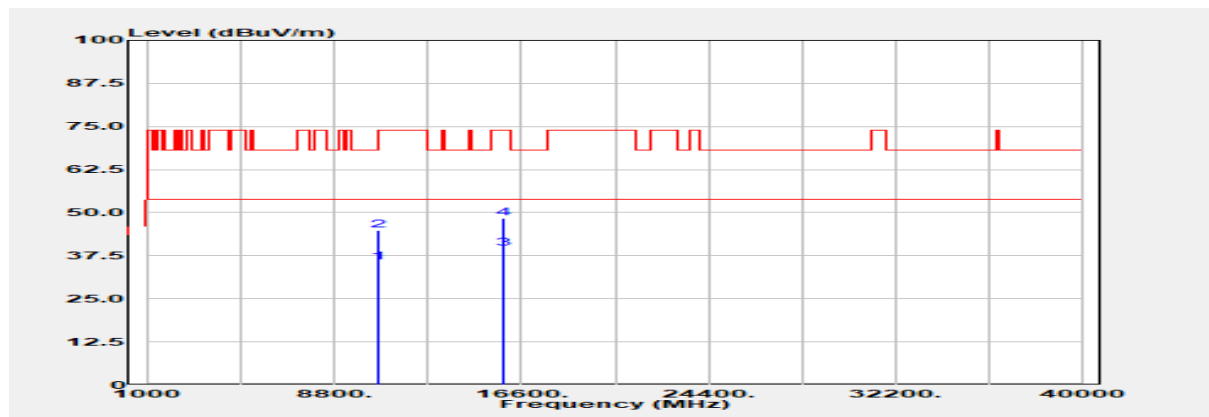
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Report Number :E2/2021/60023
 Operation Mode :802.11n20/Band2
 Test Frequency :5300 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10600.000	Average	26.61	8.99	35.60	54.00	-18.40
10600.000	Peak	35.77	8.99	44.76	74.00	-29.24
15900.000	Average	27.51	12.01	39.52	54.00	-14.48
15900.000	Peak	36.48	12.01	48.49	74.00	-25.51

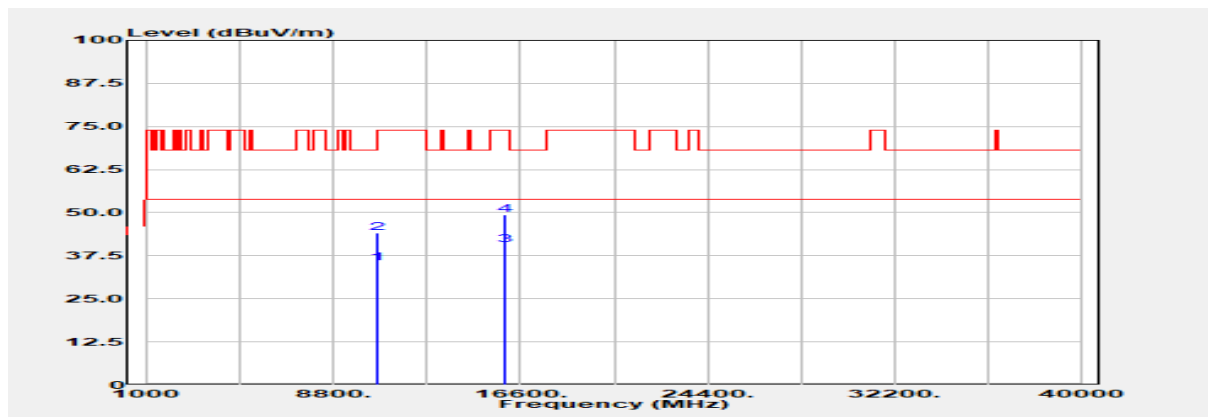
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Report Number :E2/2021/60023
 Operation Mode :802.11n20/Band2
 Test Frequency :5320 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



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
10640.000	Average	26.48	8.77	35.25	54.00	-18.75
10640.000	Peak	35.30	8.77	44.07	74.00	-29.93
15960.000	Average	28.22	12.26	40.49	54.00	-13.51
15960.000	Peak	37.15	12.26	49.42	74.00	-24.58

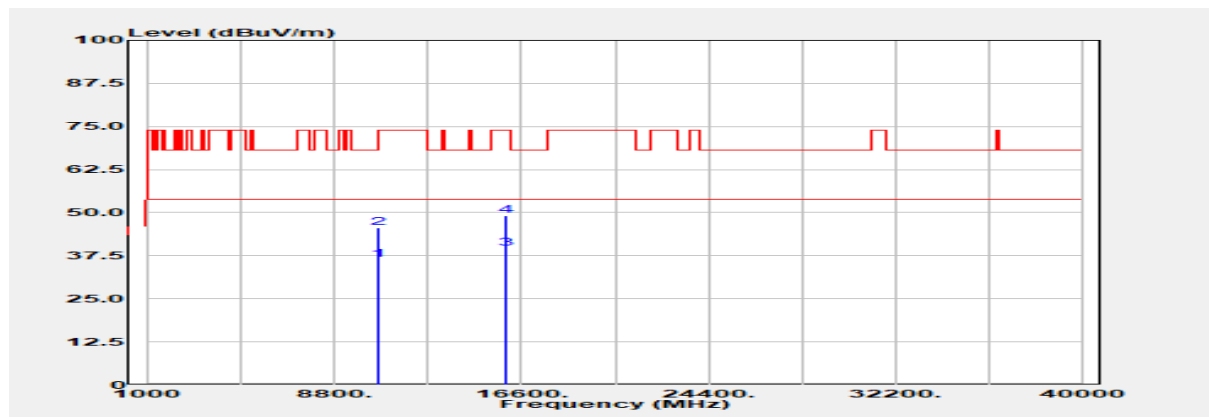
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Report Number :E2/2021/60023
Operation Mode :802.11n20/Band2
Test Frequency :5320 MHz
Test Mode :TX CH HIGH
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Horizontal
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10640.000	Average	27.63	8.77	36.40	54.00	-17.60
10640.000	Peak	36.79	8.77	45.56	74.00	-28.44
15960.000	Average	27.35	12.26	39.62	54.00	-14.38
15960.000	Peak	36.82	12.26	49.08	74.00	-24.92

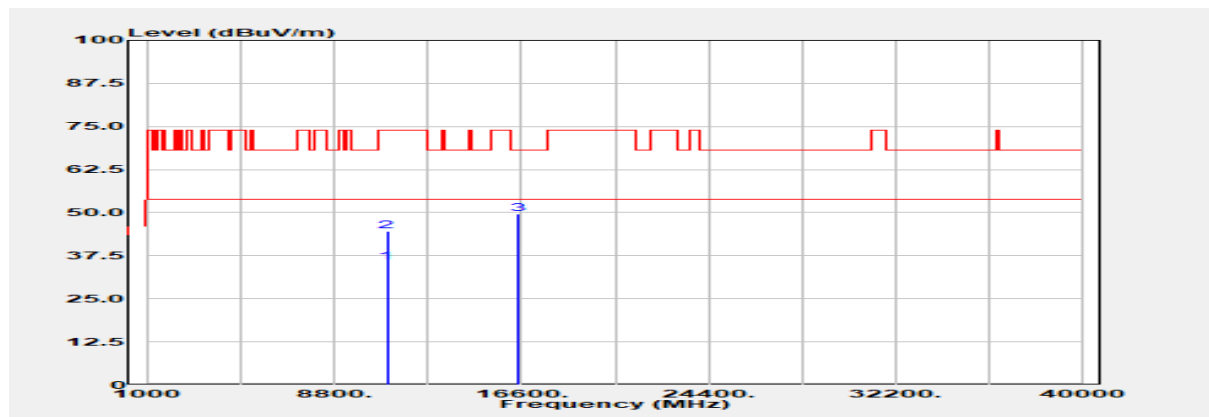
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Report Number :E2/2021/60023
 Operation Mode :802.11n20/Band3
 Test Frequency :5500 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11000.000	Average	26.94	8.77	35.71	54.00	-18.29
11000.000	Peak	35.86	8.77	44.63	74.00	-29.37
16500.000	Peak	37.09	12.54	49.63	68.20	-18.57

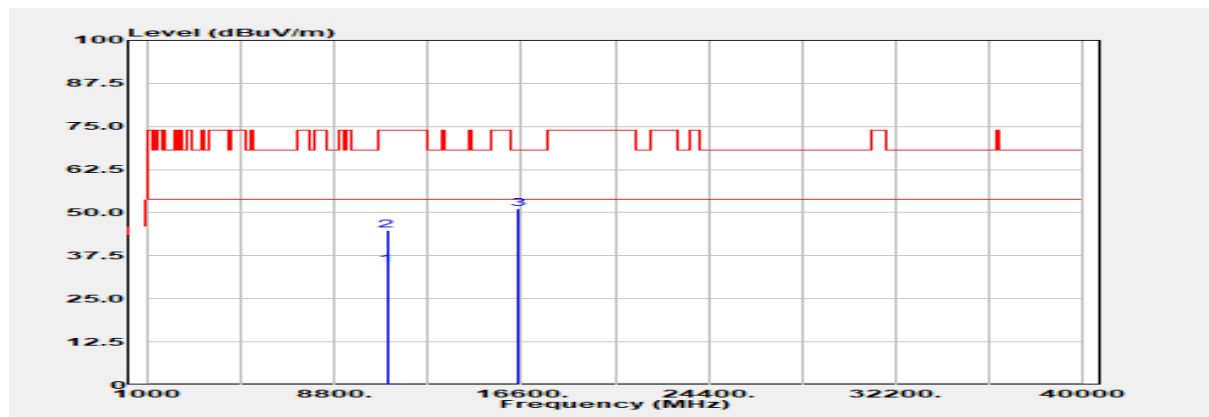
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Report Number :E2/2021/60023
 Operation Mode :802.11n20/Band3
 Test Frequency :5500 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11000.000	Average	26.19	8.77	34.96	54.00	-19.04
11000.000	Peak	36.21	8.77	44.98	74.00	-29.03
16500.000	Peak	38.65	12.54	51.19	68.20	-17.01

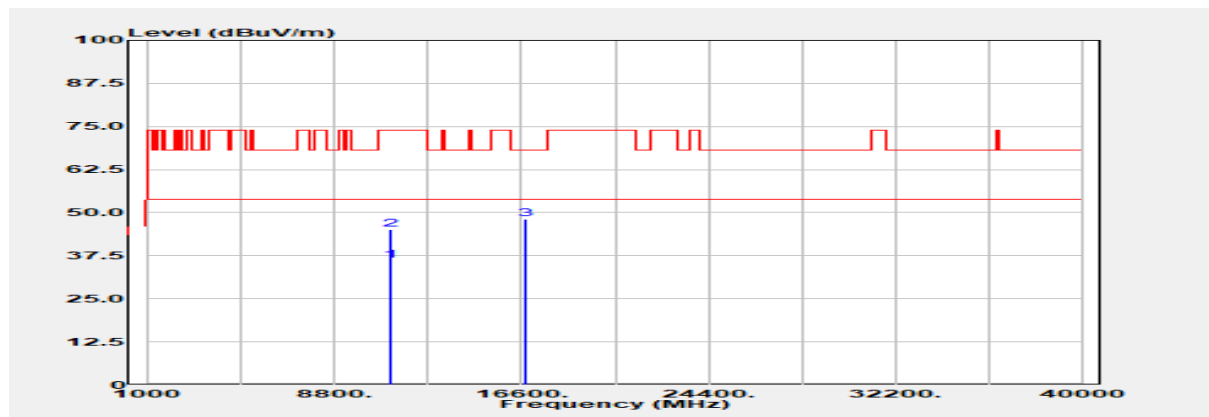
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Report Number :E2/2021/60023
 Operation Mode :802.11n20/Band3
 Test Frequency :5580 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11160.000	Average	26.73	9.36	36.09	54.00	-17.91
11160.000	Peak	35.66	9.36	45.02	74.00	-28.98
16740.000	Peak	36.81	11.29	48.10	68.20	-20.10

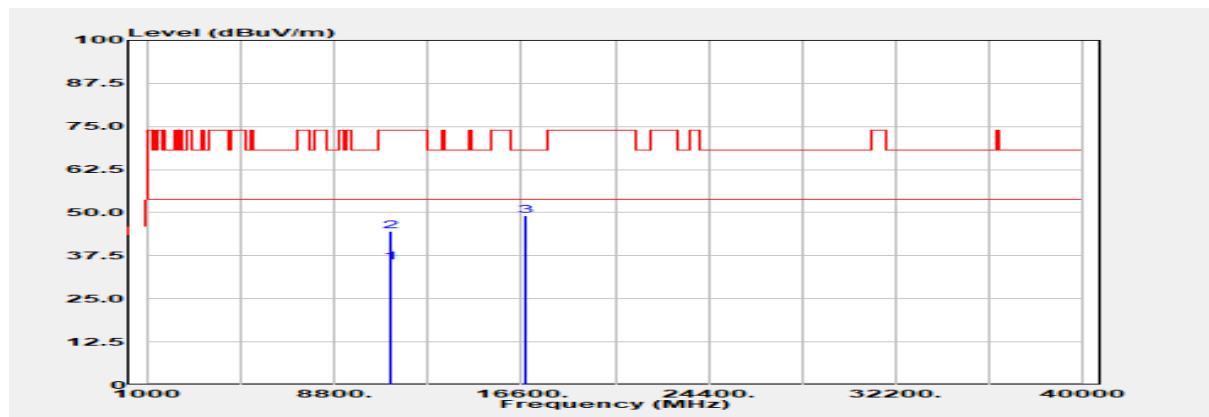
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Report Number :E2/2021/60023
Operation Mode :802.11n20/Band3
Test Frequency :5580 MHz
Test Mode :TX CH MID
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Horizontal
Engineer :Jack Tseng



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
11160.000	Average	26.22	9.36	35.58	54.00	-18.42
11160.000	Peak	35.13	9.36	44.49	74.00	-29.51
16740.000	Peak	37.78	11.29	49.07	68.20	-19.13

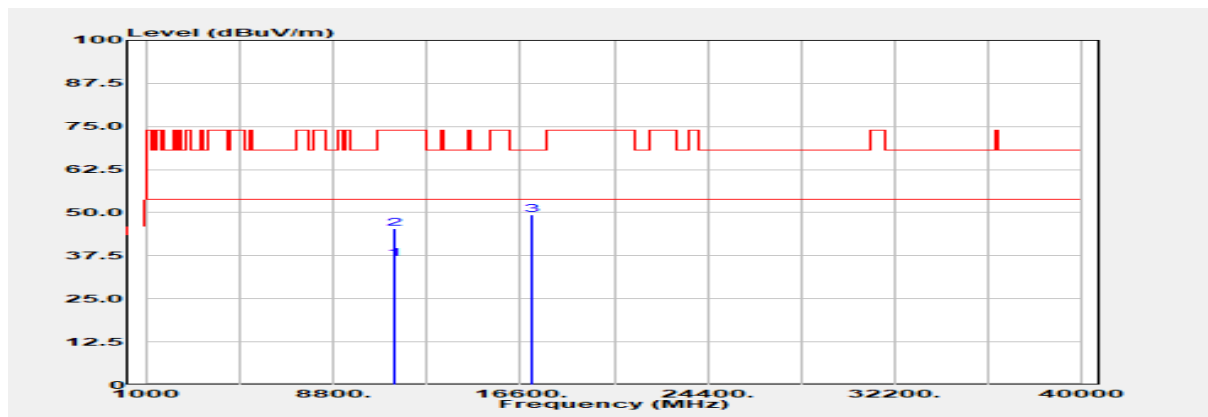
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Report Number :E2/2021/60023
 Operation Mode :802.11n20/Band3
 Test Frequency :5700 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11400.000	Average	26.22	10.32	36.54	54.00	-17.46
11400.000	Peak	35.07	10.32	45.39	74.00	-28.61
17100.000	Peak	37.99	11.48	49.47	68.20	-18.73

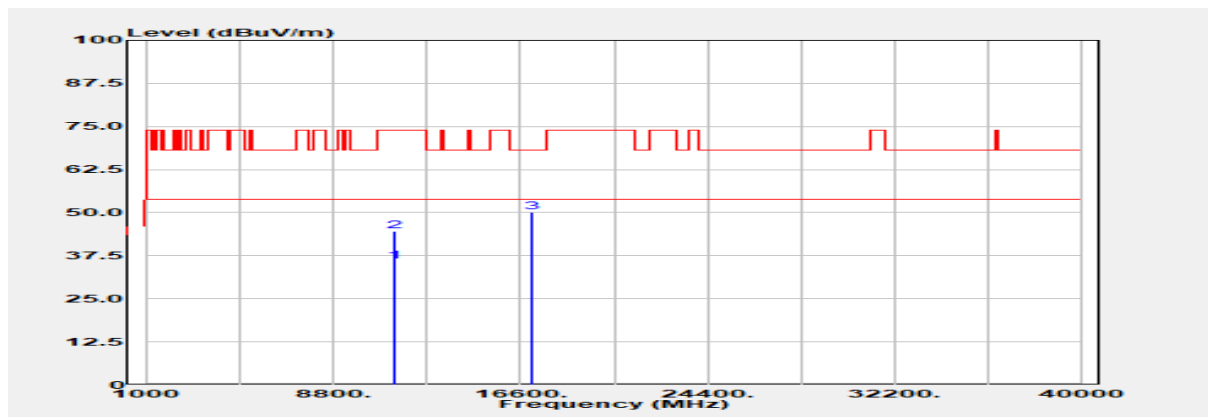
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Report Number :E2/2021/60023
 Operation Mode :802.11n20/Band3
 Test Frequency :5700 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11400.000	Average	25.64	10.32	35.96	54.00	-18.04
11400.000	Peak	34.22	10.32	44.54	74.00	-29.46
17100.000	Peak	38.74	11.48	50.22	68.20	-17.98

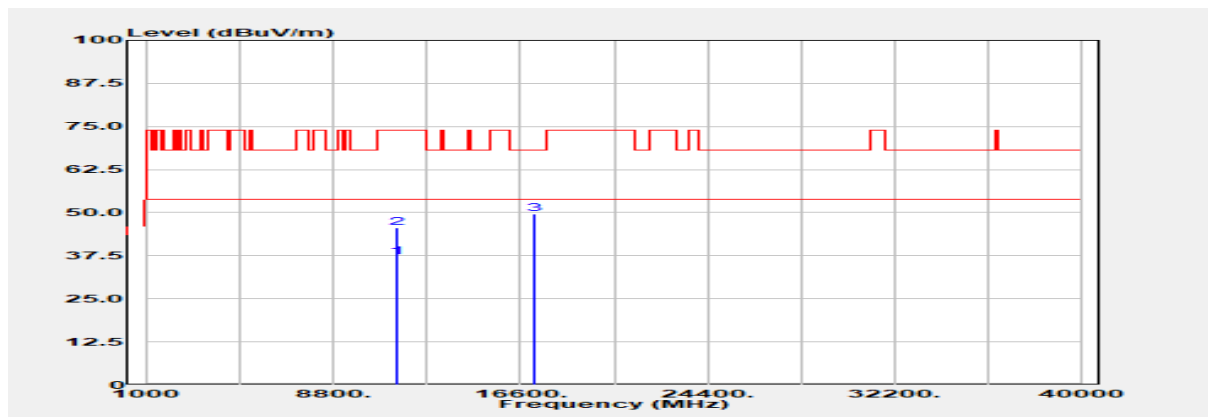
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Report Number :E2/2021/60023
 Operation Mode :802.11n20/Band3
 Test Frequency :5720 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11440.000	Average	26.92	10.18	37.10	54.00	-16.90
11440.000	Peak	35.47	10.18	45.65	74.00	-28.35
17160.000	Peak	38.57	11.02	49.59	68.20	-18.61

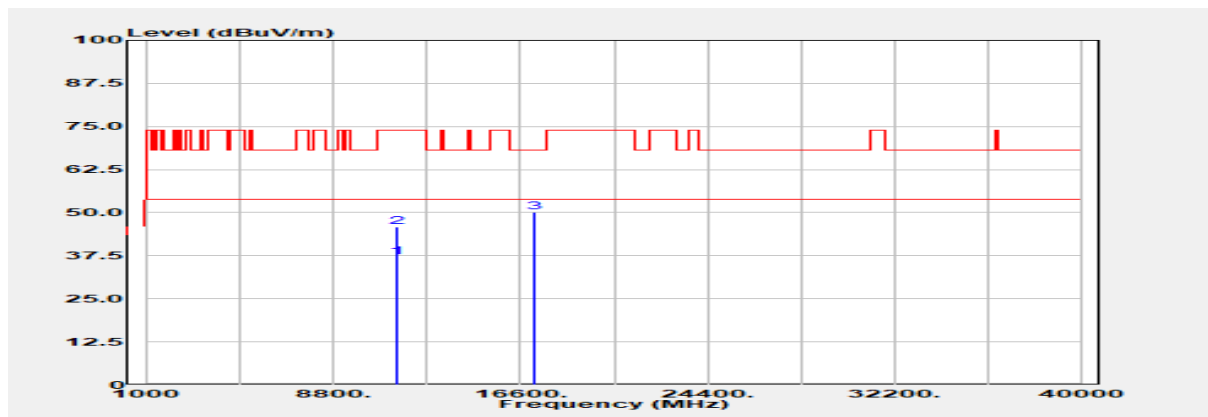
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Report Number :E2/2021/60023
Operation Mode :802.11n20/Band3
Test Frequency :5720 MHz
Test Mode :TX CH MID
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Horizontal
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11440.000	Average	26.88	10.18	37.06	54.00	-16.94
11440.000	Peak	35.60	10.18	45.78	74.00	-28.22
17160.000	Peak	39.02	11.02	50.04	68.20	-18.16

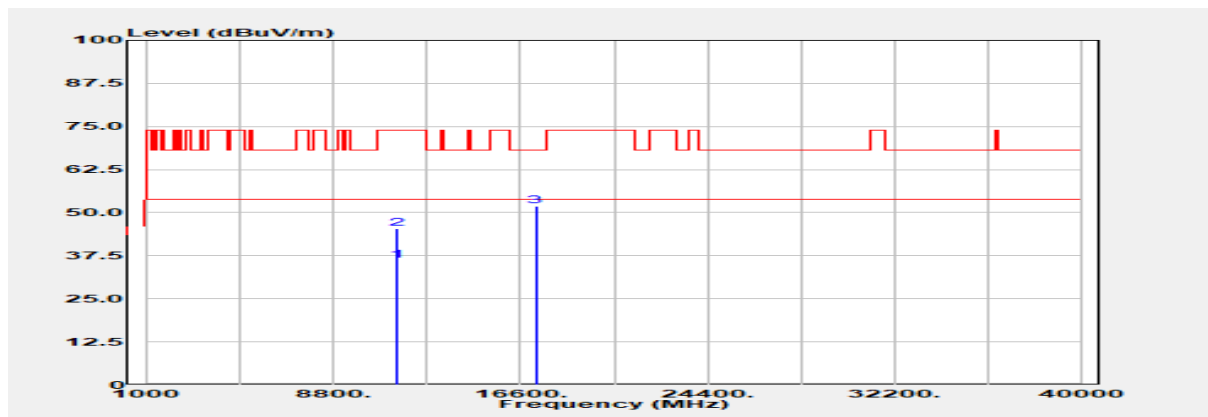
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Report Number :E2/2021/60023
Operation Mode :802.11n20/Band4
Test Frequency :5745 MHz
Test Mode :TX CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Vertical
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11490.000	Average	25.91	10.17	36.08	54.00	-17.92
11490.000	Peak	35.07	10.17	45.24	74.00	-28.76
17235.000	Peak	41.21	10.65	51.86	68.20	-16.34

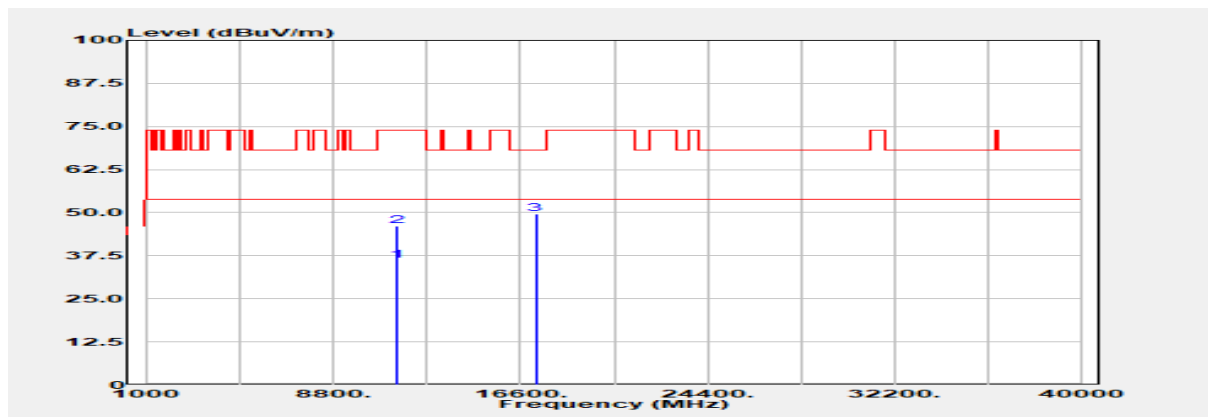
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Report Number :E2/2021/60023
Operation Mode :802.11n20/Band4
Test Frequency :5745 MHz
Test Mode :TX CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Horizontal
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11490.000	Average	26.01	10.17	36.18	54.00	-17.82
11490.000	Peak	35.97	10.17	46.14	74.00	-27.86
17235.000	Peak	38.94	10.65	49.59	68.20	-18.61

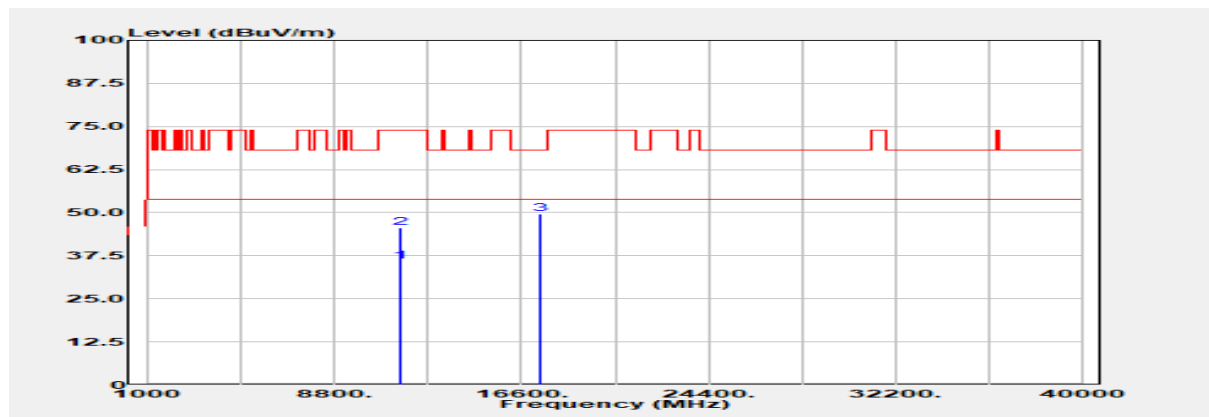
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Report Number :E2/2021/60023
 Operation Mode :802.11n20/Band4
 Test Frequency :5785 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11570.000	Average	25.74	10.00	35.74	54.00	-18.26
11570.000	Peak	35.64	10.00	45.64	74.00	-28.36
17355.000	Peak	38.72	10.90	49.62	68.20	-18.58

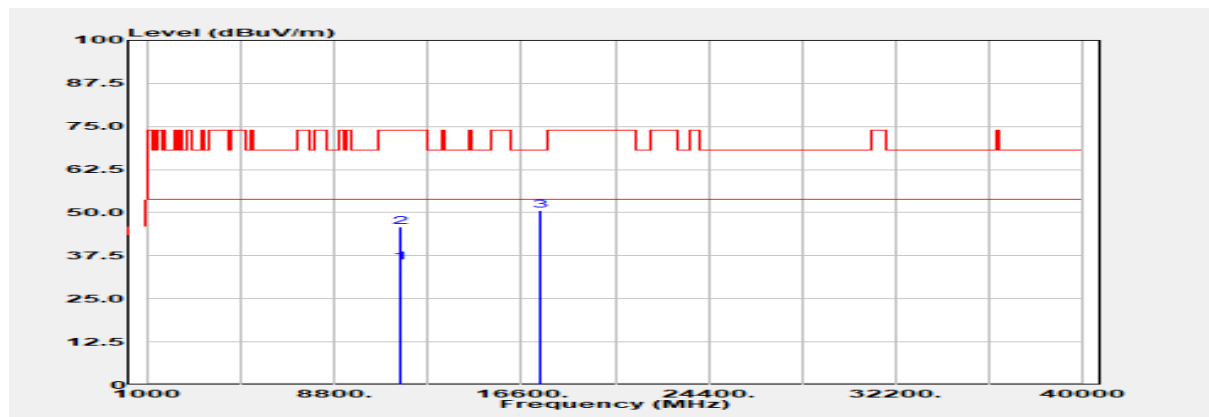
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Report Number :E2/2021/60023
Operation Mode :802.11n20/Band4
Test Frequency :5785 MHz
Test Mode :TX CH MID
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Horizontal
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11570.000	Average	25.71	10.00	35.70	54.00	-18.30
11570.000	Peak	35.79	10.00	45.79	74.00	-28.21
17355.000	Peak	39.73	10.90	50.63	68.20	-17.57

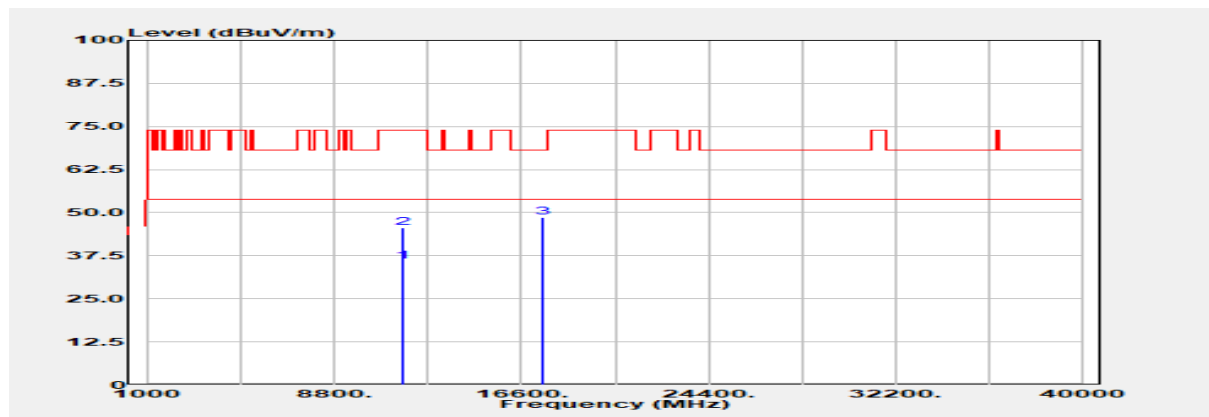
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Report Number :E2/2021/60023
 Operation Mode :802.11n20/Band4
 Test Frequency :5825 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11650.000	Average	25.96	10.00	35.96	54.00	-18.04
11650.000	Peak	35.68	10.00	45.68	74.00	-28.32
17475.000	Peak	37.79	10.78	48.57	68.20	-19.63

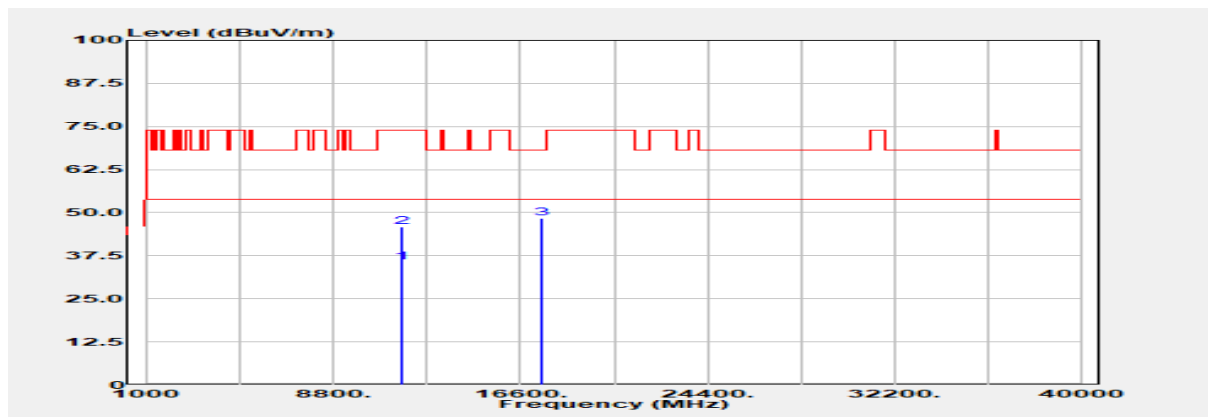
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Report Number :E2/2021/60023
 Operation Mode :802.11n20/Band4
 Test Frequency :5825 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11650.000	Average	25.69	10.00	35.69	54.00	-18.31
11650.000	Peak	35.80	10.00	45.80	74.00	-28.20
17475.000	Peak	37.57	10.78	48.35	68.20	-19.85

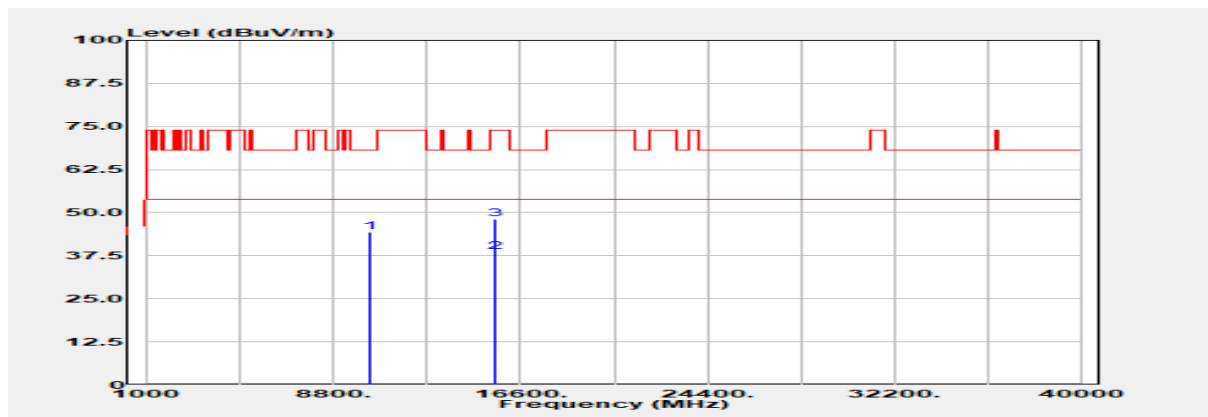
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Report Number :E2/2021/60023
 Operation Mode :802.11n40/Band1
 Test Frequency :5190 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10380.000	Peak	35.64	8.61	44.25	68.20	-23.95
15570.000	Average	26.92	11.60	38.52	54.00	-15.48
15570.000	Peak	36.48	11.60	48.09	74.00	-25.91

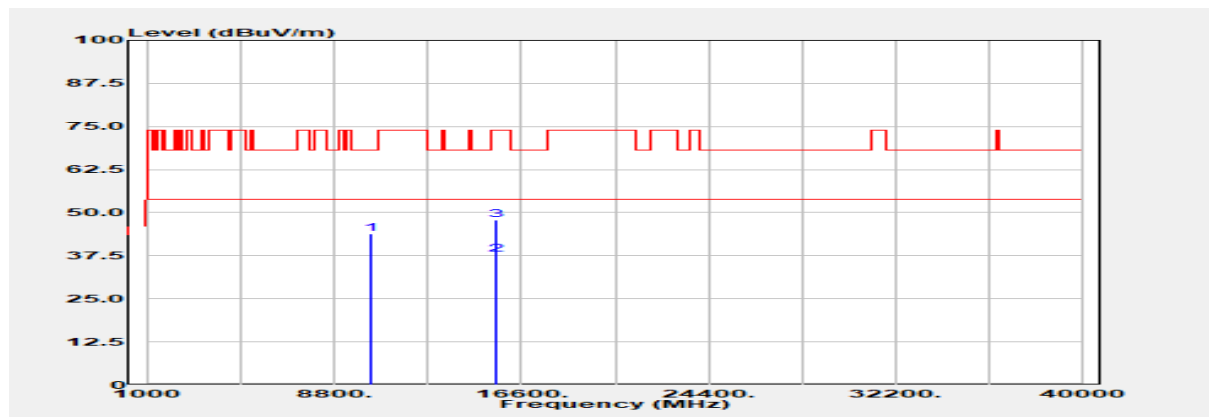
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Report Number :E2/2021/60023
Operation Mode :802.11n40/Band1
Test Frequency :5190 MHz
Test Mode :TX CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Horizontal
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10380.000	Peak	35.37	8.61	43.98	68.20	-24.22
15570.000	Average	26.34	11.60	37.94	54.00	-16.06
15570.000	Peak	36.22	11.60	47.82	74.00	-26.18

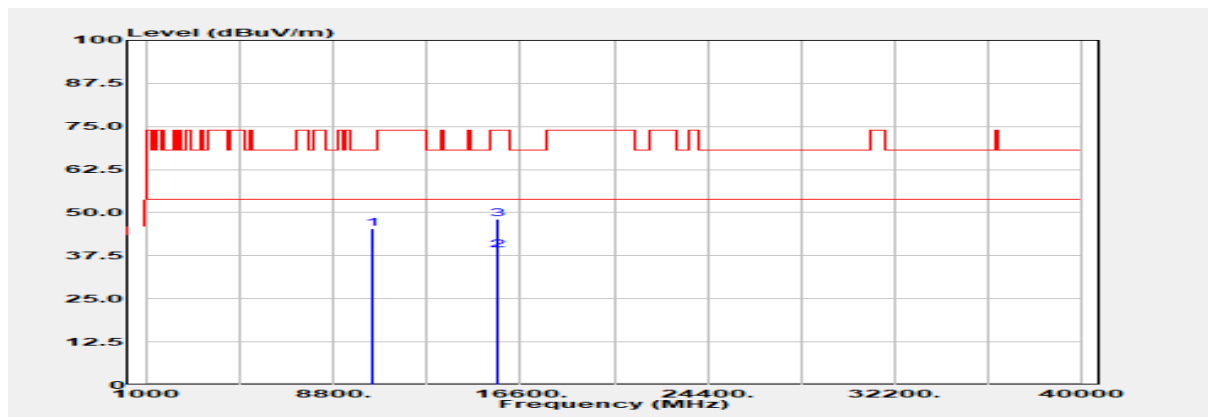
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Report Number :E2/2021/60023
 Operation Mode :802.11n40/Band1
 Test Frequency :5230 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10460.000	Peak	35.63	9.84	45.47	68.20	-22.73
15690.000	Average	27.51	11.59	39.10	54.00	-14.90
15690.000	Peak	36.61	11.59	48.19	74.00	-25.81

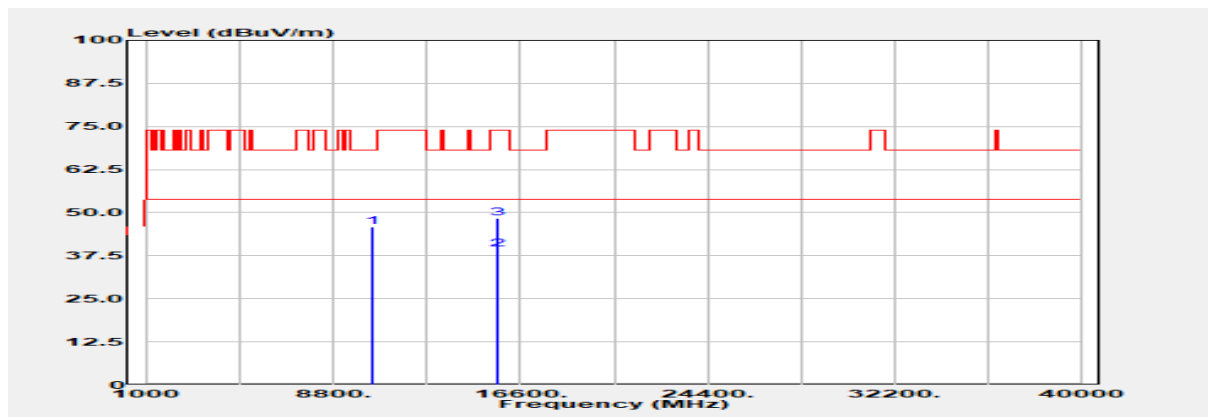
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Report Number :E2/2021/60023
 Operation Mode :802.11n40/Band1
 Test Frequency :5230 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10460.000	Peak	36.08	9.84	45.92	68.20	-22.28
15690.000	Average	27.69	11.59	39.28	54.00	-14.72
15690.000	Peak	36.80	11.59	48.39	74.00	-25.61

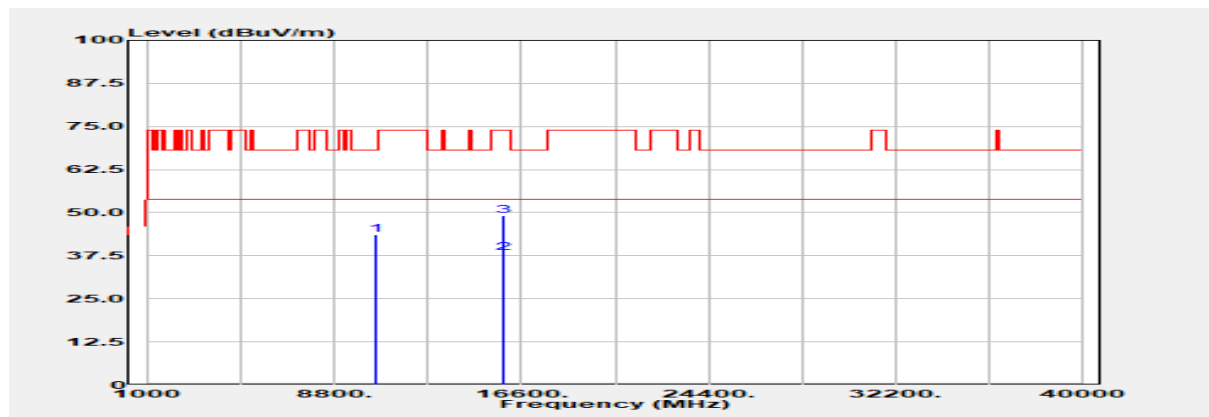
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Report Number :E2/2021/60023
 Operation Mode :802.11n40/Band2
 Test Frequency :5270 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10540.000	Peak	34.62	9.09	43.71	68.20	-24.49
15810.000	Average	26.71	11.54	38.25	54.00	-15.75
15810.000	Peak	37.67	11.54	49.21	74.00	-24.79

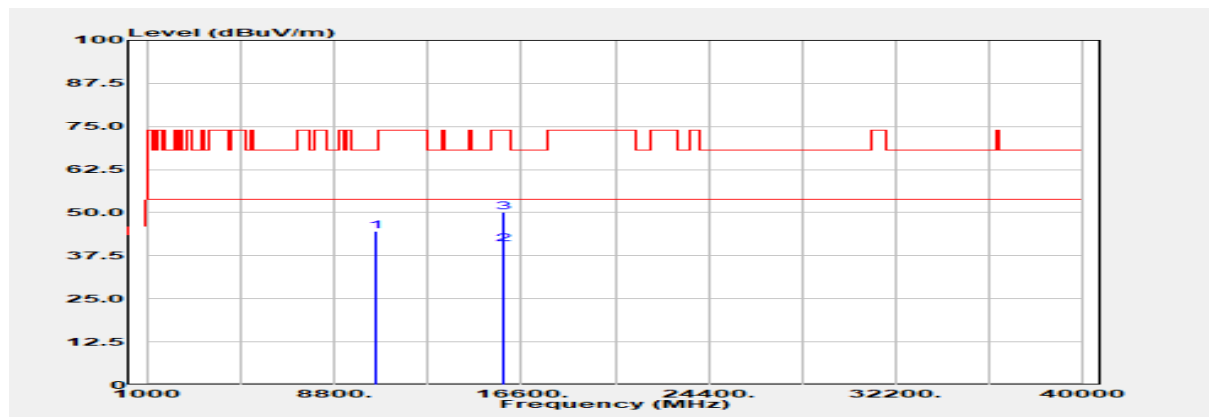
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Report Number :E2/2021/60023
 Operation Mode :802.11n40/Band2
 Test Frequency :5270 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10540.000	Peak	35.45	9.09	44.54	68.20	-23.66
15810.000	Average	29.33	11.54	40.87	54.00	-13.13
15810.000	Peak	38.61	11.54	50.15	74.00	-23.85

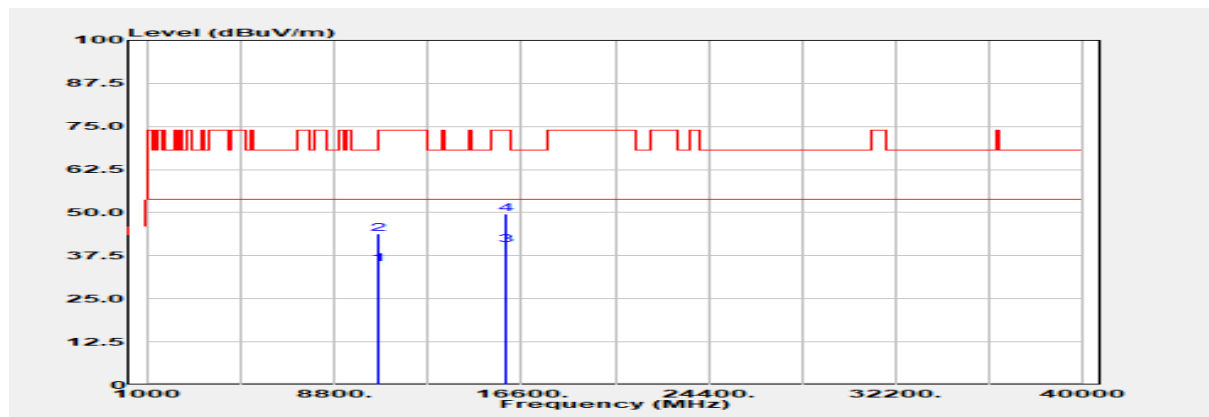
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Report Number :E2/2021/60023
Operation Mode :802.11n40/Band2
Test Frequency :5310 MHz
Test Mode :TX CH HIGH
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Vertical
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10620.000	Average	26.11	8.88	35.00	54.00	-19.00
10620.000	Peak	35.03	8.88	43.91	74.00	-30.09
15930.000	Average	28.36	12.13	40.49	54.00	-13.51
15930.000	Peak	37.45	12.13	49.57	74.00	-24.43

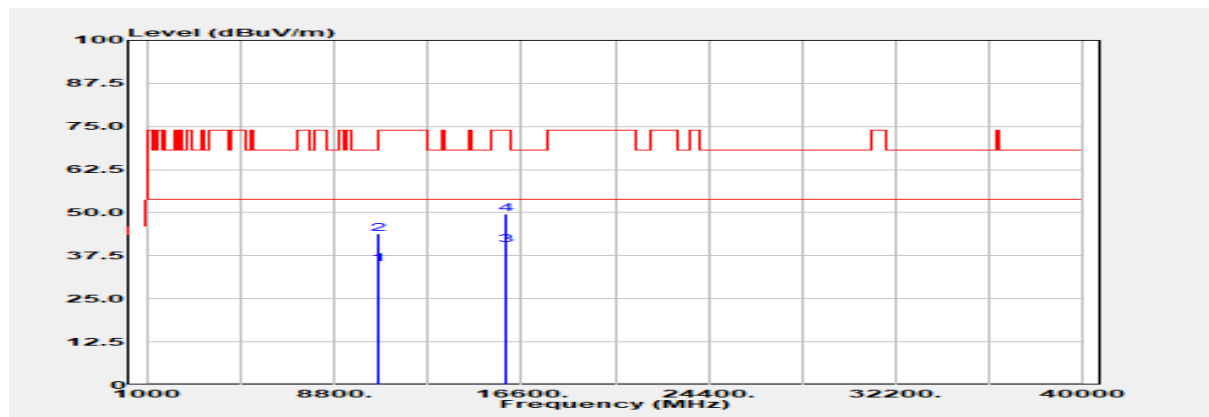
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Report Number :E2/2021/60023
Operation Mode :802.11n40/Band2
Test Frequency :5310 MHz
Test Mode :TX CH HIGH
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. : Horizontal
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10620.000	Average	26.11	8.88	34.99	54.00	-19.01
10620.000	Peak	35.91	8.88	44.80	74.00	-29.20
15930.000	Average	27.87	12.13	40.00	54.00	-14.00
15930.000	Peak	37.59	12.13	49.72	74.00	-24.28

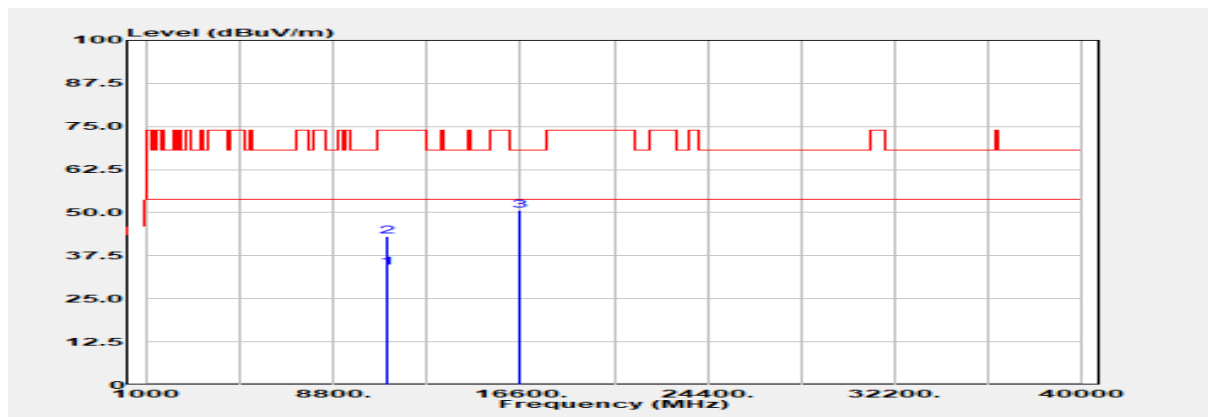
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Report Number :E2/2021/60023
Operation Mode :802.11n40/Band3
Test Frequency :5510 MHz
Test Mode :TX CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. : Vertical
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11020.000	Average	25.10	9.04	34.14	54.00	-19.86
11020.000	Peak	34.15	9.04	43.19	74.00	-30.81
16530.000	Peak	38.07	12.15	50.22	68.20	-17.98

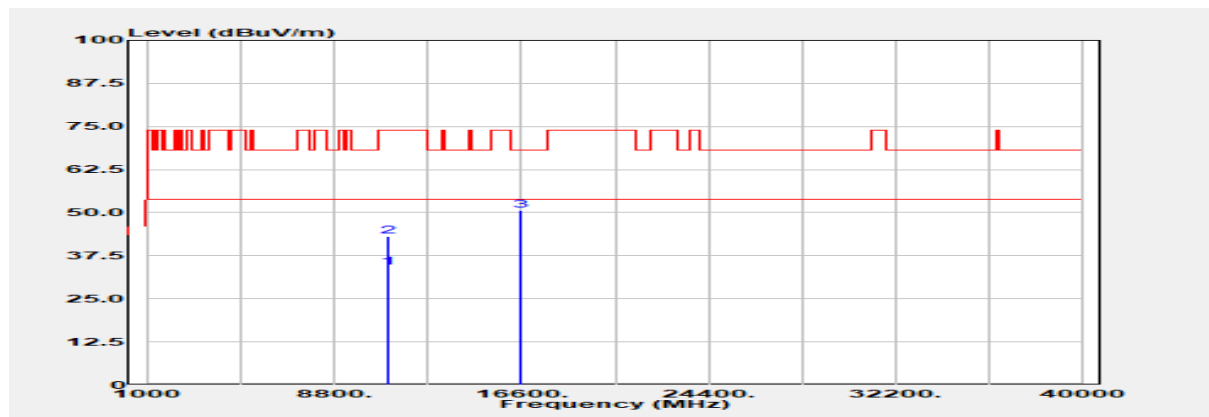
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Report Number :E2/2021/60023
 Operation Mode :802.11n40/Band3
 Test Frequency :5510 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11020.000	Average	25.15	9.04	34.18	54.00	-19.82
11020.000	Peak	34.01	9.04	43.05	74.00	-30.95
16530.000	Peak	38.43	12.15	50.58	68.20	-17.62

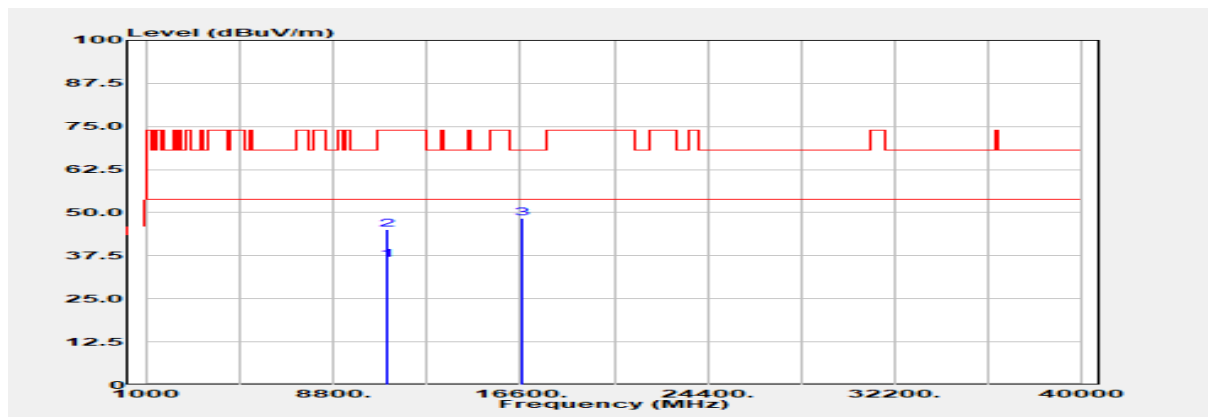
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Report Number :E2/2021/60023
 Operation Mode :802.11n40/Band3
 Test Frequency :5550 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11100.000	Average	26.68	9.65	36.33	54.00	-17.67
11100.000	Peak	35.46	9.65	45.11	74.00	-28.89
16650.000	Peak	37.04	11.26	48.31	68.20	-19.89

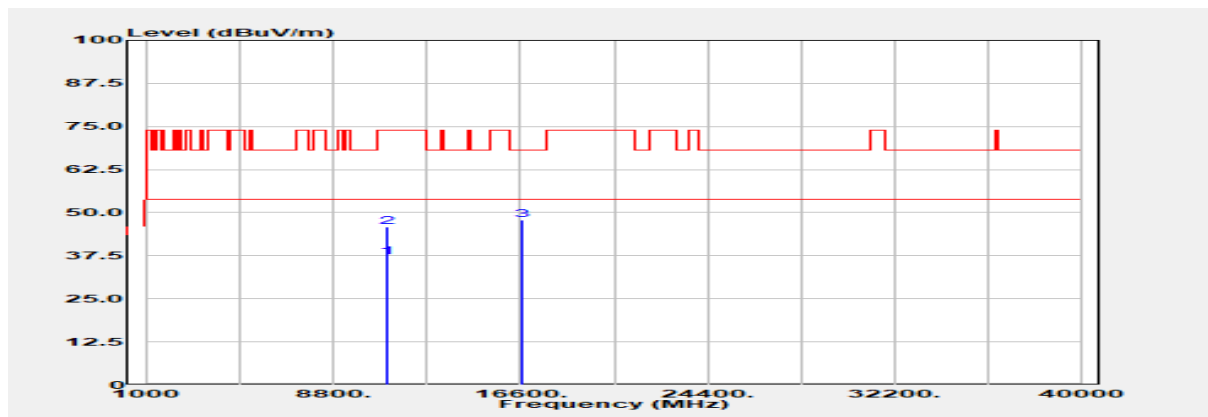
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Report Number :E2/2021/60023
 Operation Mode :802.11n40/Band3
 Test Frequency :5550 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11100.000	Average	27.33	9.65	36.98	54.00	-17.02
11100.000	Peak	36.26	9.65	45.91	74.00	-28.09
16650.000	Peak	36.69	11.26	47.95	68.20	-20.25

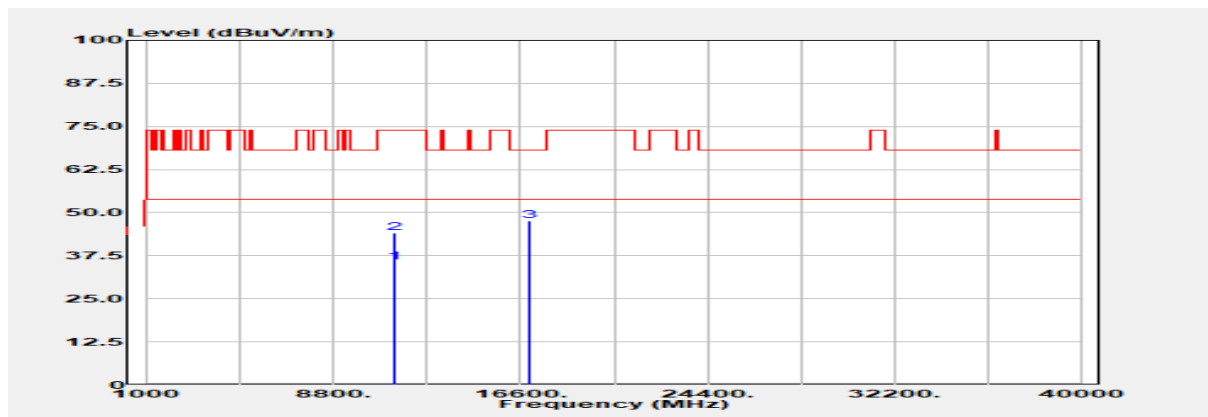
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Report Number :E2/2021/60023
Operation Mode :802.11n40/Band3
Test Frequency :5670 MHz
Test Mode :TX CH HIGH
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Vertical
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11340.000	Average	25.90	9.68	35.57	54.00	-18.43
11340.000	Peak	34.49	9.68	44.17	74.00	-29.83
17010.000	Peak	37.22	10.50	47.72	68.20	-20.48

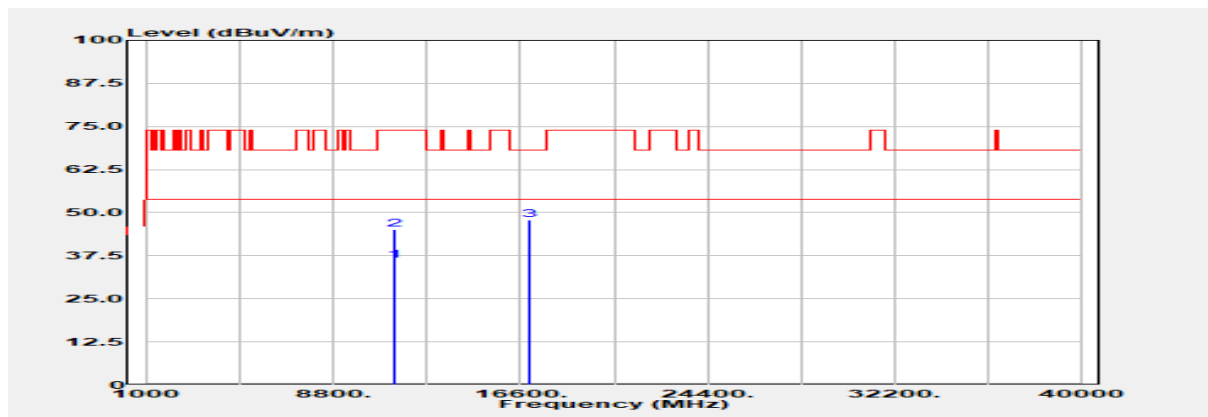
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Report Number :E2/2021/60023
 Operation Mode :802.11n40/Band3
 Test Frequency :5670 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11340.000	Average	26.51	9.68	36.19	54.00	-17.81
11340.000	Peak	35.37	9.68	45.04	74.00	-28.96
17010.000	Peak	37.38	10.50	47.87	68.20	-20.33

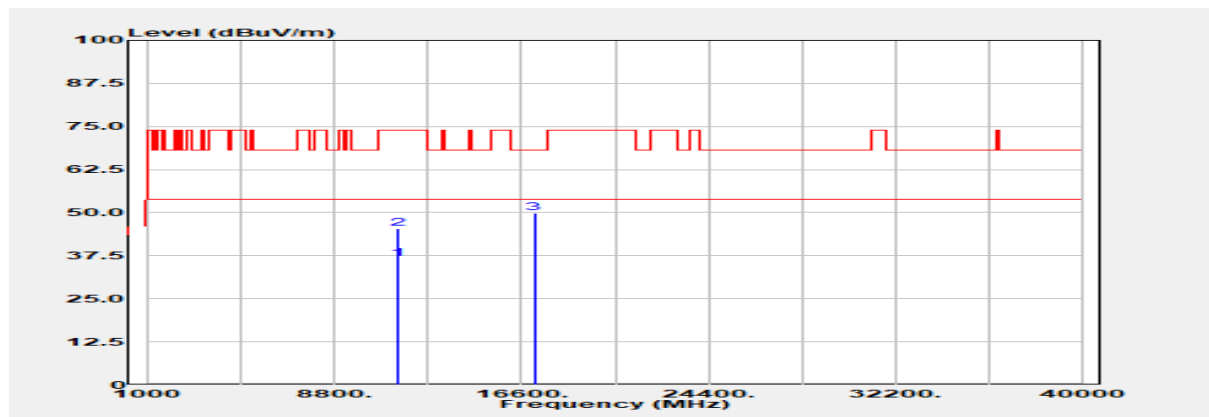
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Report Number :E2/2021/60023
 Operation Mode :802.11n40/Band3-4
 Test Frequency :5710 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11420.000	Average	26.22	10.25	36.47	54.00	-17.53
11420.000	Peak	35.12	10.25	45.37	74.00	-28.63
17130.000	Peak	38.76	11.23	49.99	68.20	-18.21

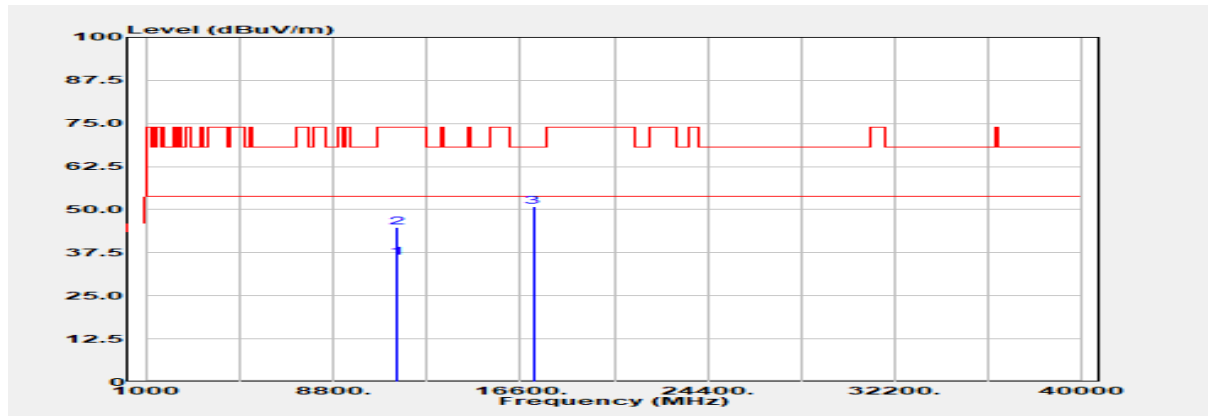
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Report Number :E2/2021/60023
 Operation Mode :802.11n40/Band3-4
 Test Frequency :5710 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11420.000	Average	25.94	10.25	36.19	54.00	-17.81
11420.000	Peak	34.64	10.25	44.89	74.00	-29.11
17130.000	Peak	39.68	11.23	50.92	68.20	-17.28

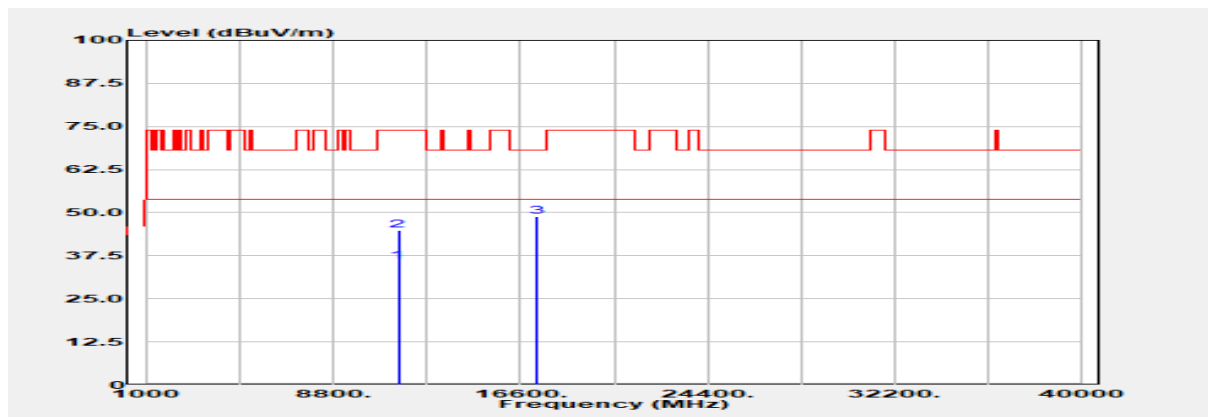
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Report Number :E2/2021/60023
Operation Mode :802.11n40/Band4
Test Frequency :5755 MHz
Test Mode :TX CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Vertical
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11510.000	Average	25.74	10.11	35.85	54.00	-18.15
11510.000	Peak	34.65	10.11	44.77	74.00	-29.23
17265.000	Peak	38.25	10.66	48.92	68.20	-19.28

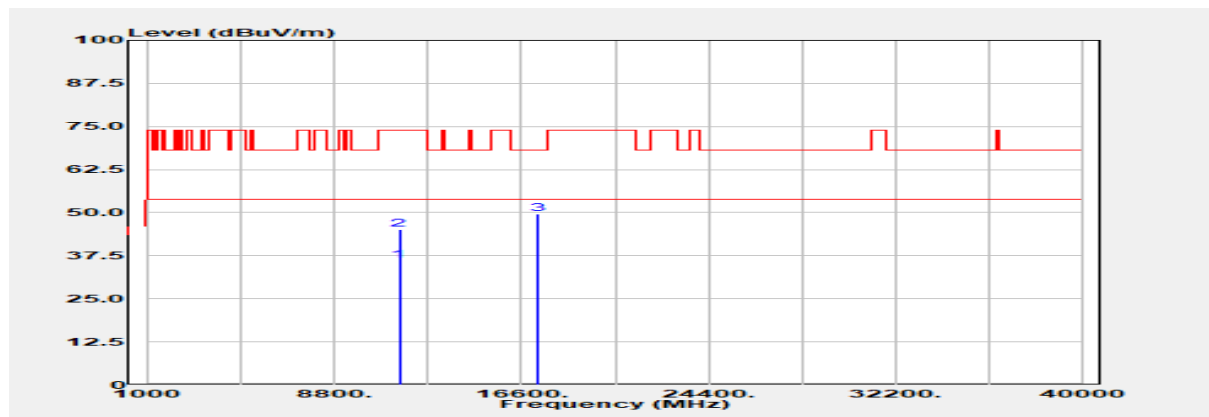
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Report Number :E2/2021/60023
Operation Mode :802.11n40/Band4
Test Frequency :5755 MHz
Test Mode :TX CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Horizontal
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11510.000	Average	25.94	10.11	36.06	54.00	-17.94
11510.000	Peak	34.88	10.11	44.99	74.00	-29.01
17265.000	Peak	38.98	10.66	49.64	68.20	-18.56

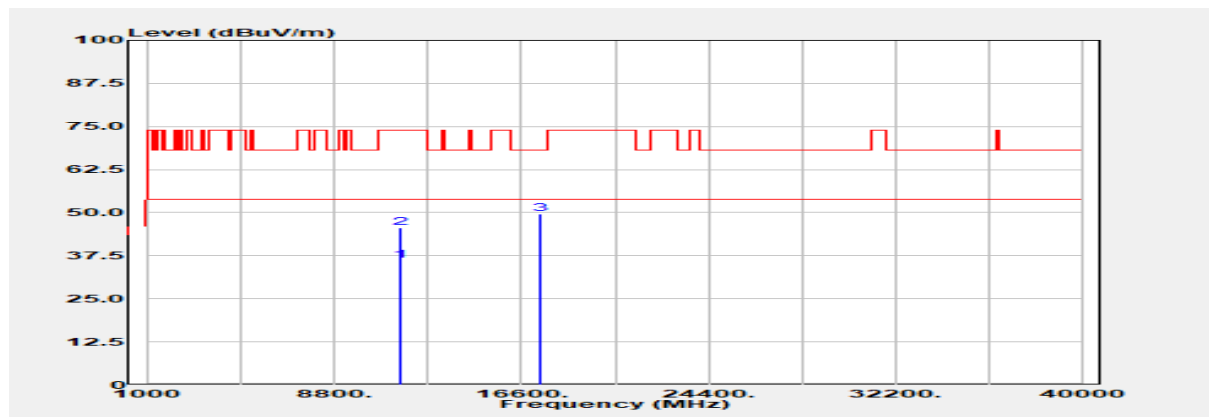
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Report Number :E2/2021/60023
Operation Mode :802.11n40/Band4
Test Frequency :5795 MHz
Test Mode :TX CH HIGH
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Vertical
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11590.000	Average	25.88	10.14	36.02	54.00	-17.98
11590.000	Peak	35.46	10.14	45.60	74.00	-28.40
17385.000	Peak	38.31	11.40	49.71	68.20	-18.49

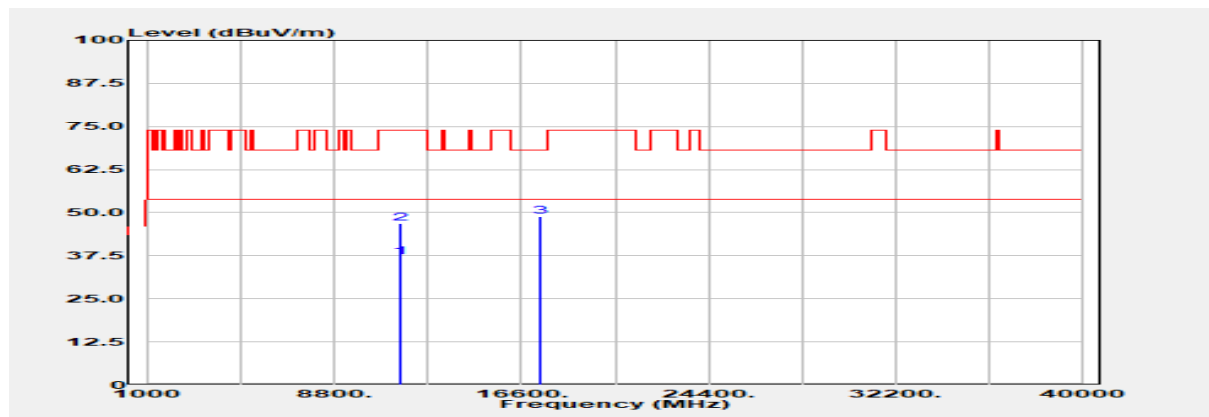
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Report Number :E2/2021/60023
Operation Mode :802.11n40/Band4
Test Frequency :5795 MHz
Test Mode :TX CH HIGH
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Horizontal
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11590.000	Average	26.84	10.14	36.98	54.00	-17.02
11590.000	Peak	36.72	10.14	46.85	74.00	-27.15
17385.000	Peak	37.56	11.40	48.96	68.20	-19.24

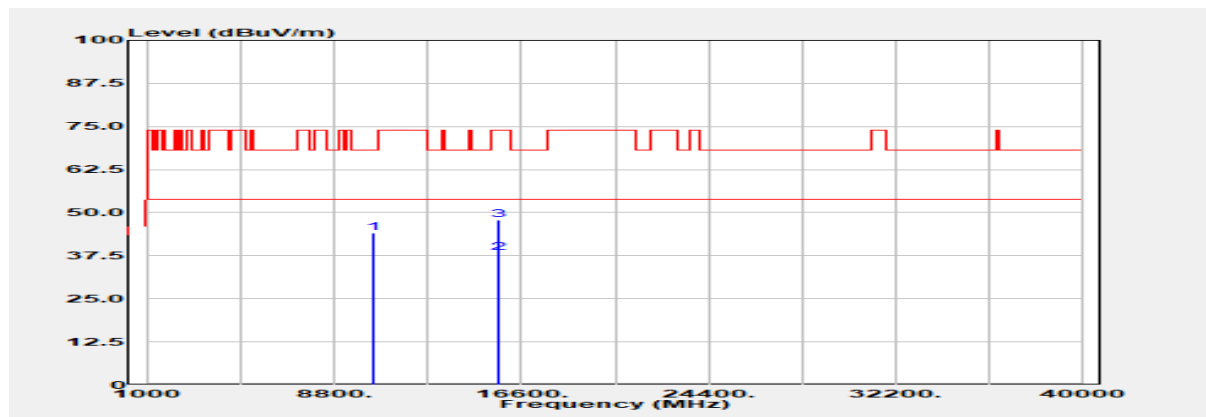
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Report Number :E2/2021/60023
 Operation Mode :802.11ac80/Band1
 Test Frequency :5210 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10420.000	Peak	35.16	8.96	44.12	68.20	-24.08
15630.000	Average	26.76	11.48	38.24	54.00	-15.76
15630.000	Peak	36.51	11.48	47.99	74.00	-26.01

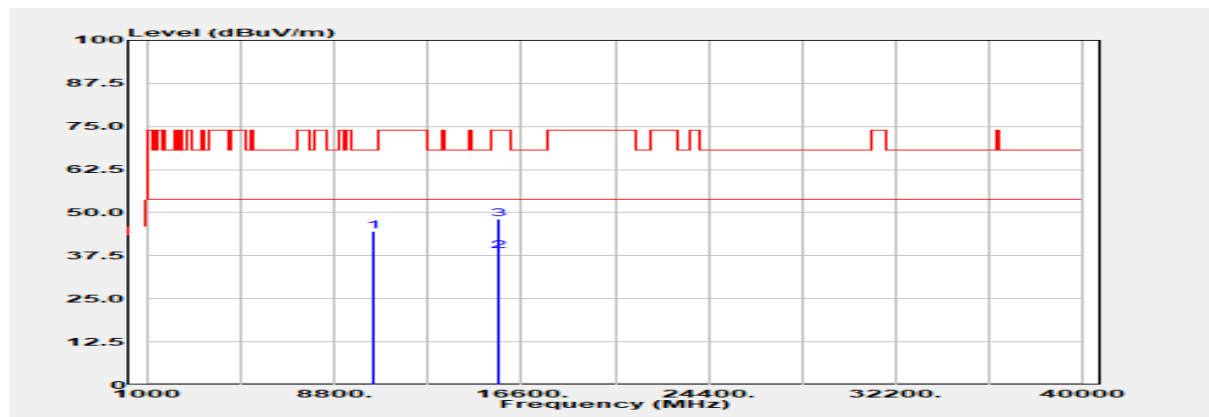
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Report Number :E2/2021/60023
 Operation Mode :802.11ac80/Band1
 Test Frequency :5210 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10420.000	Peak	35.53	8.96	44.49	68.20	-23.71
15630.000	Average	27.43	11.48	38.91	54.00	-15.09
15630.000	Peak	36.58	11.48	48.05	74.00	-25.95

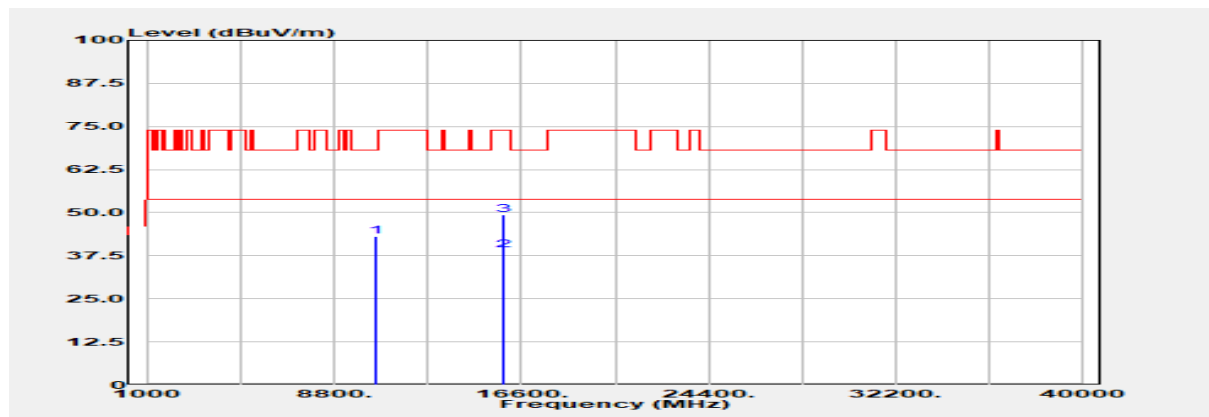
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Report Number :E2/2021/60023
Operation Mode :802.11ac80/Band2
Test Frequency :5290 MHz
Test Mode :TX CH HIGH
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Vertical
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10580.000	Peak	34.19	9.04	43.23	68.20	-24.97
15870.000	Average	27.61	11.58	39.20	54.00	-14.80
15870.000	Peak	37.72	11.58	49.30	74.00	-24.70

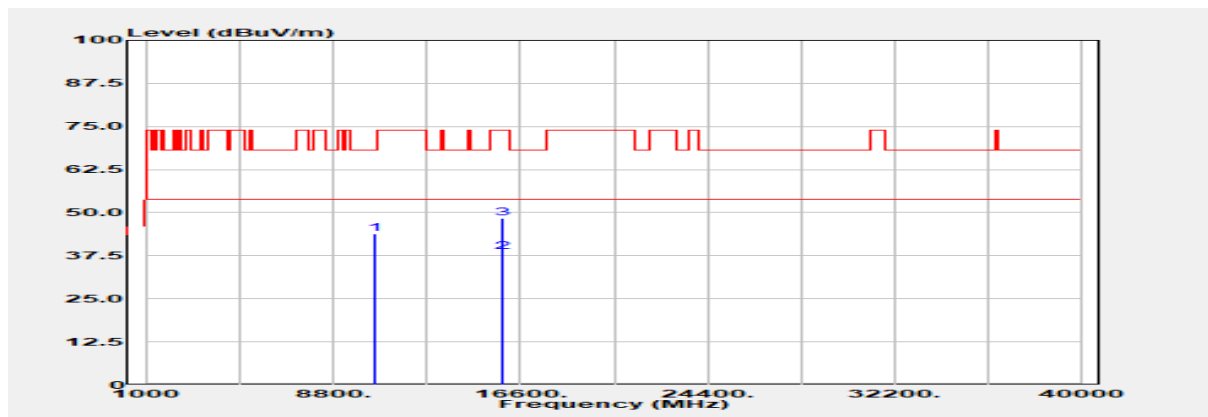
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Report Number :E2/2021/60023
Operation Mode :802.11ac80/Band2
Test Frequency :5290 MHz
Test Mode :TX CH HIGH
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Horizontal
Engineer :Jack Tseng



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
10580.000	Peak	34.89	9.04	43.93	68.20	-24.27
15870.000	Average	27.01	11.58	38.60	54.00	-15.40
15870.000	Peak	36.90	11.58	48.48	74.00	-25.52

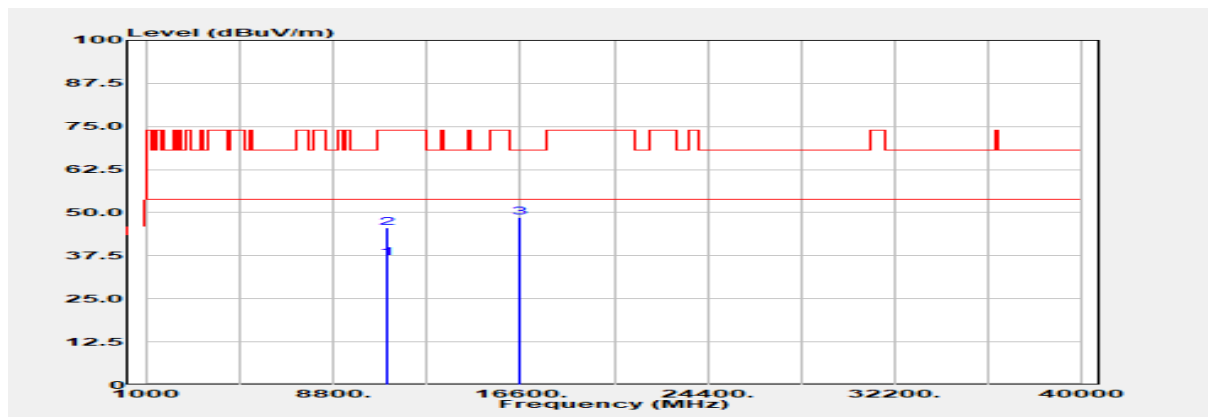
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Report Number :E2/2021/60023
Operation Mode :802.11ac80/Band3
Test Frequency :5530 MHz
Test Mode :TX CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Vertical
Engineer :Jack Tseng



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
11060.000	Average	27.34	9.48	36.82	54.00	-17.18
11060.000	Peak	36.16	9.48	45.64	74.00	-28.36
16590.000	Peak	36.63	11.88	48.51	68.20	-19.69

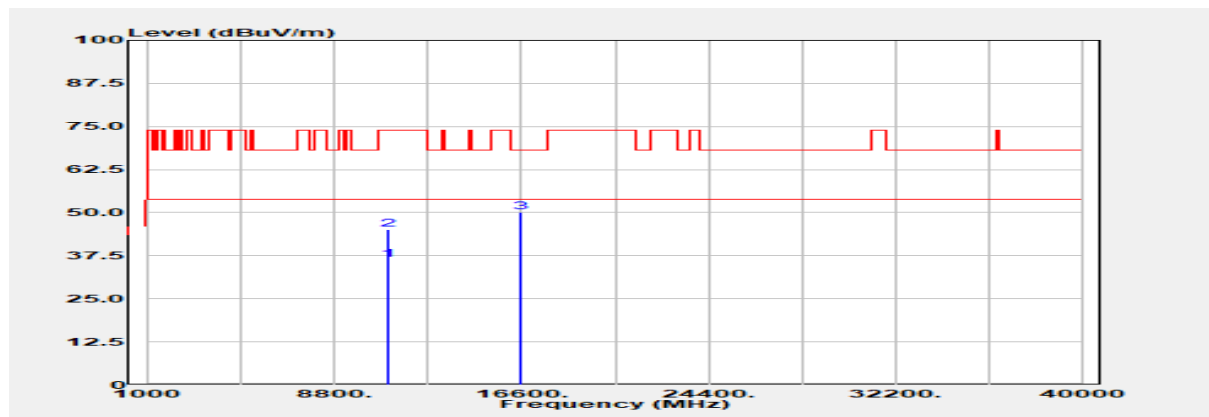
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Report Number :E2/2021/60023
Operation Mode :802.11ac80/Band3
Test Frequency :5530 MHz
Test Mode :TX CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Horizontal
Engineer :Jack Tseng



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
11060.000	Average	26.87	9.48	36.35	54.00	-17.65
11060.000	Peak	35.67	9.48	45.15	74.00	-28.85
16590.000	Peak	38.26	11.88	50.15	68.20	-18.05

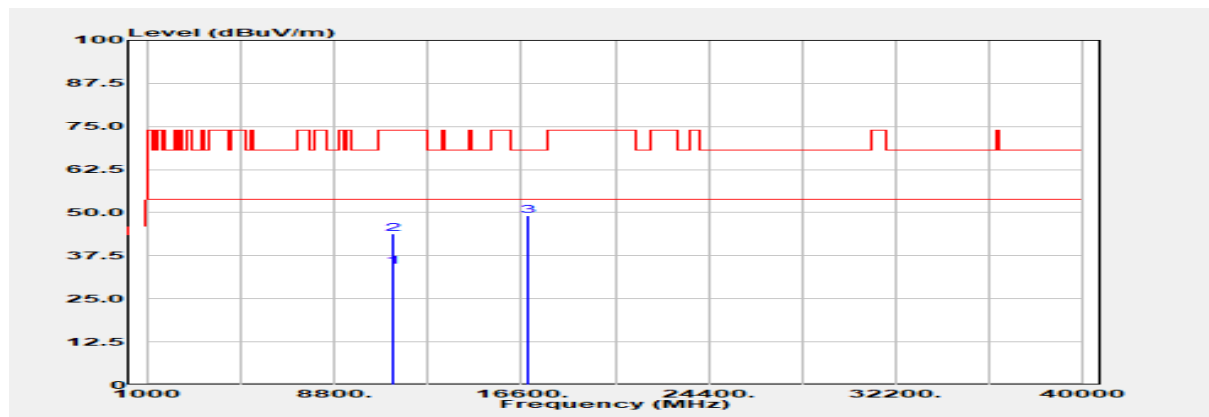
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Report Number :E2/2021/60023
Operation Mode :802.11ac80/Band3
Test Frequency :5610 MHz
Test Mode :TX CH MID
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Vertical
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11220.000	Average	24.81	9.58	34.40	54.00	-19.60
11220.000	Peak	34.21	9.58	43.79	74.00	-30.21
16830.000	Peak	38.17	11.06	49.22	68.20	-18.98

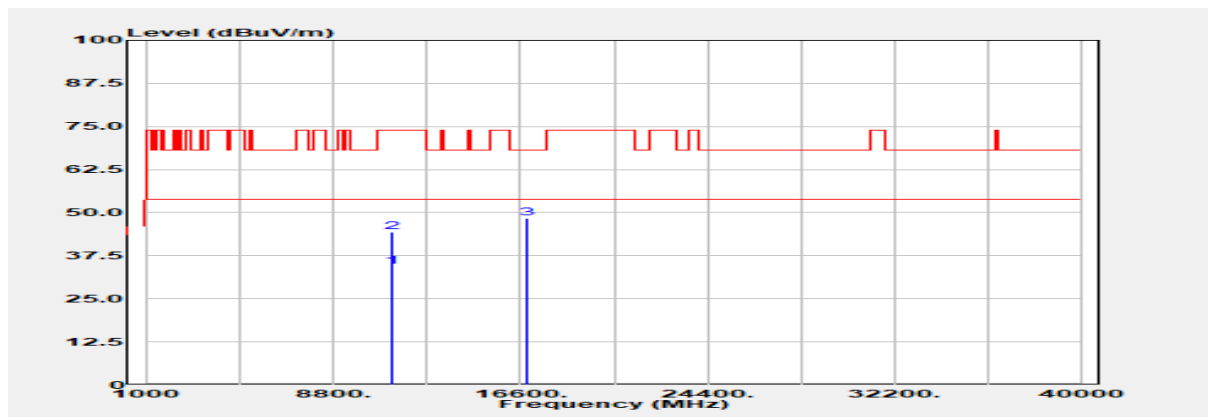
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Report Number :E2/2021/60023
 Operation Mode :802.11ac80/Band3
 Test Frequency :5610 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11220.000	Average	24.82	9.58	34.40	54.00	-19.60
11220.000	Peak	34.71	9.58	44.29	74.00	-29.71
16830.000	Peak	37.28	11.06	48.33	68.20	-19.87

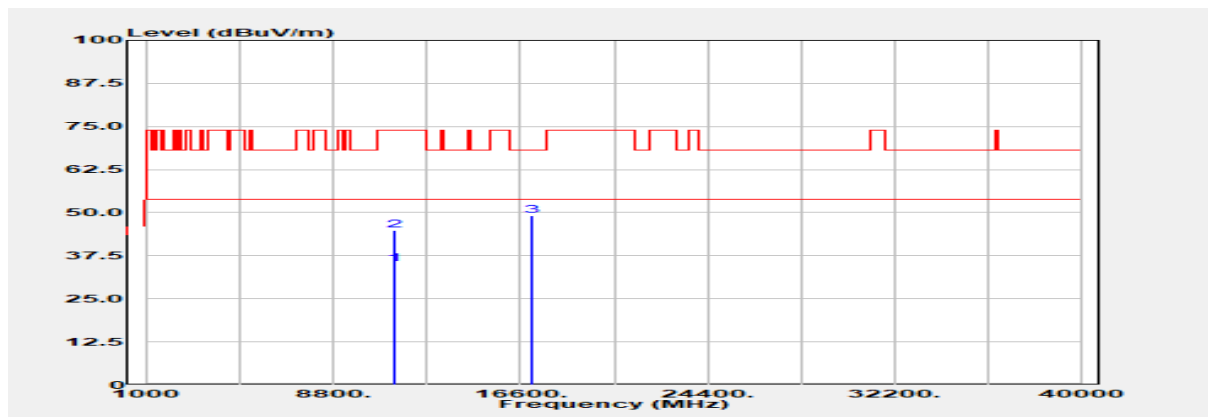
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Report Number :E2/2021/60023
 Operation Mode :802.11ac80/Band3
 Test Frequency :5690 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-24
 Temp./Humi. :18.8/65
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11380.000	Average	24.97	10.07	35.04	54.00	-18.96
11380.000	Peak	34.76	10.07	44.83	74.00	-29.17
17070.000	Peak	37.93	11.27	49.20	68.20	-19.00

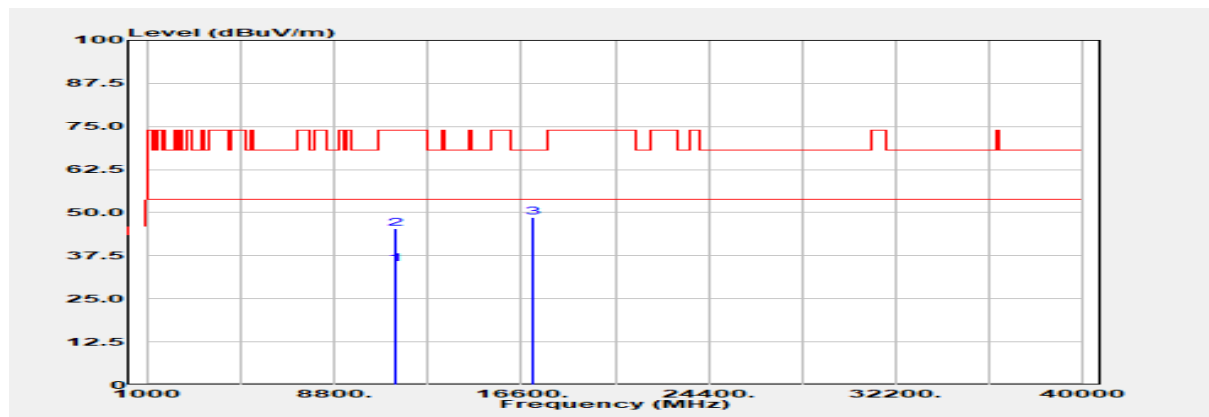
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Report Number :E2/2021/60023
Operation Mode :802.11ac80/Band3
Test Frequency :5690 MHz
Test Mode :TX CH HIGH
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Horizontal
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11380.000	Average	25.11	10.07	35.18	54.00	-18.82
11380.000	Peak	35.38	10.07	45.45	74.00	-28.55
17070.000	Peak	37.46	11.27	48.73	68.20	-19.47

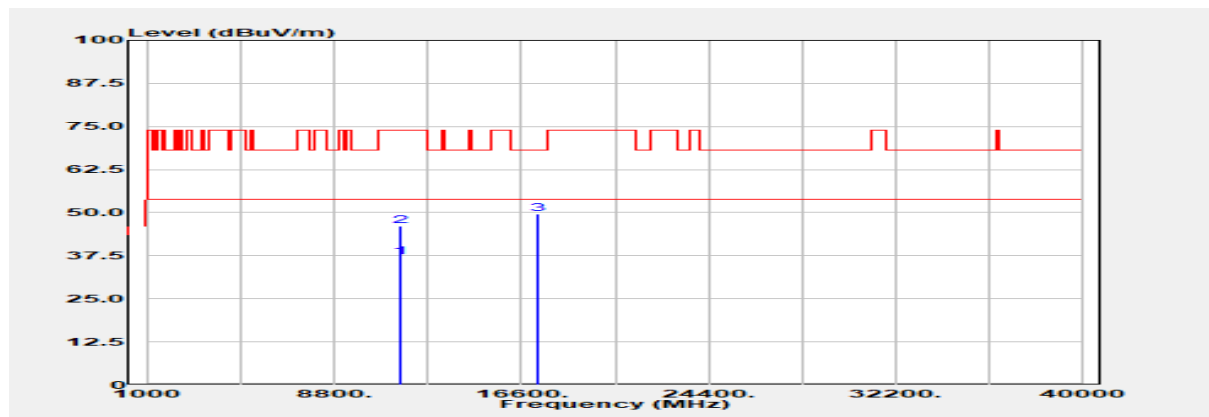
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Report Number :E2/2021/60023
Operation Mode :802.11ac80/Band4
Test Frequency :5775 MHz
Test Mode :TX CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Vertical
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11550.000	Average	27.12	9.85	36.97	54.00	-17.03
11550.000	Peak	36.23	9.85	46.09	74.00	-27.91
17325.000	Peak	38.78	10.84	49.62	68.20	-18.58

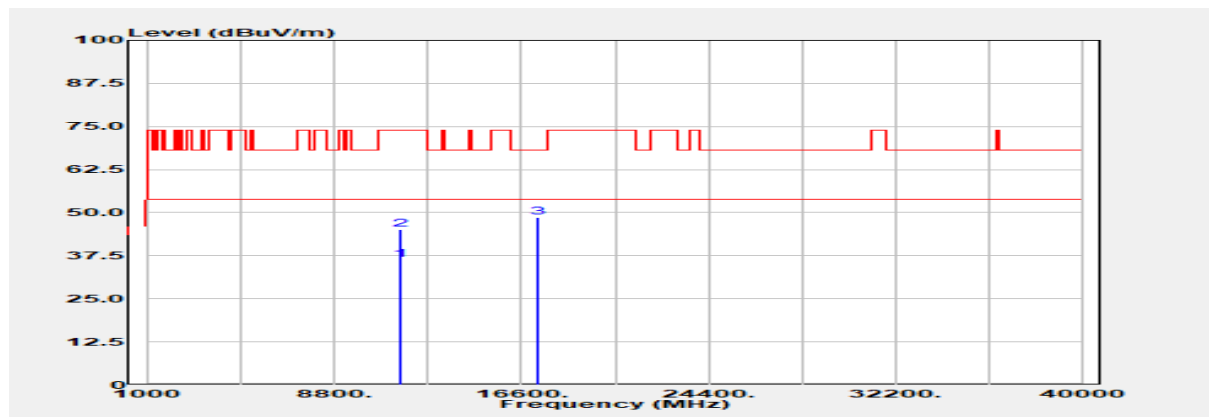
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Report Number :E2/2021/60023
Operation Mode :802.11ac80/Band4
Test Frequency :5775 MHz
Test Mode :TX CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-24
Temp./Humi. :18.8/65
Antenna Pol. :Horizontal
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11550.000	Average	26.44	9.85	36.29	54.00	-17.71
11550.000	Peak	35.16	9.85	45.02	74.00	-28.98
17325.000	Peak	37.66	10.84	48.50	68.20	-19.70

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11.7.3 Band edge falling to restricted band

Report Number :E2/2021/60023

Test Site :966 Chamber G

Operation Mode :802.11a / Band 1

Test Date :2021-06-21

Test Frequency :5180 MHz

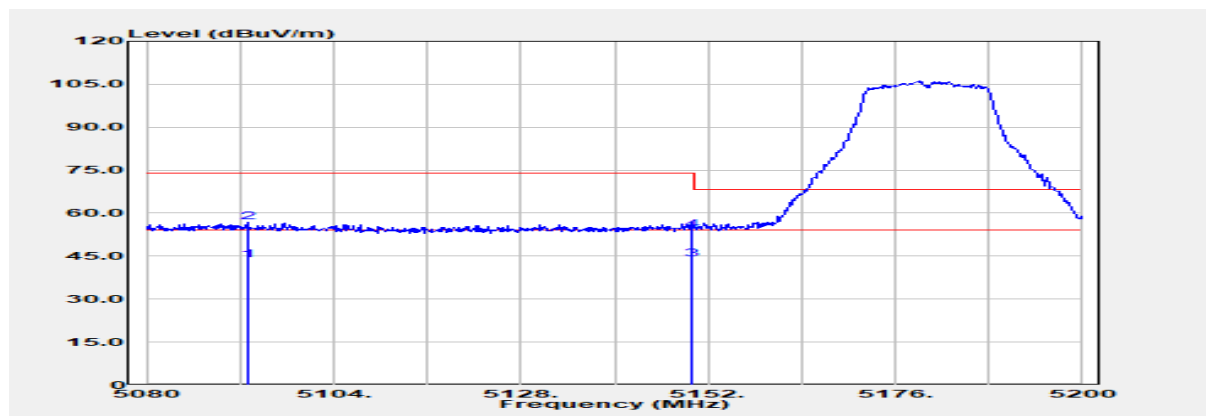
Temp./Humi. :20.4/69

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :H Plane

Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5092.960	Average	40.48	3.25	43.73	54.00	-10.27
5092.960	Peak	53.59	3.25	56.85	74.00	-17.15
5150.000	Average	40.79	3.03	43.82	54.00	-10.18
5150.000	Peak	51.22	3.03	54.25	74.00	-19.75

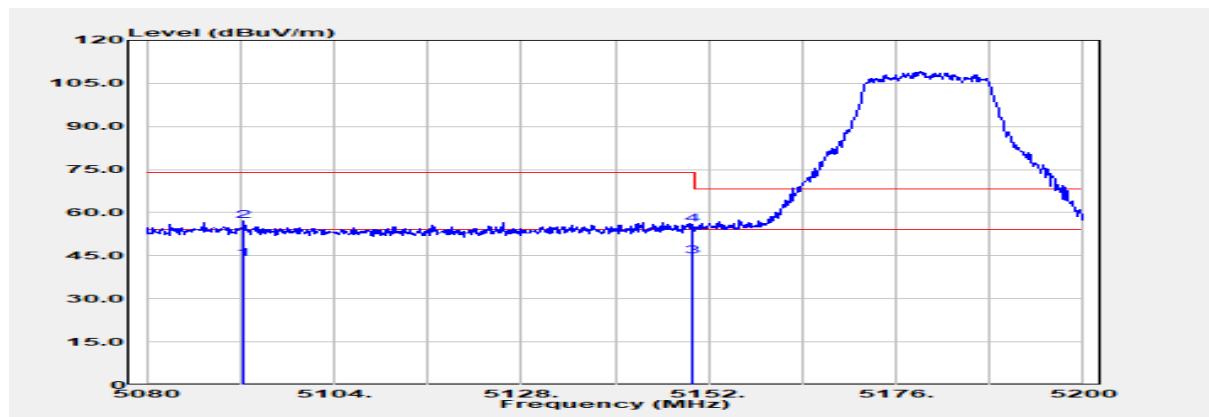
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Report Number :E2/2021/60023
 Operation Mode :802.11a / Band 1
 Test Frequency :5180 MHz
 Test Mode :BE CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5092.480	Average	40.52	3.27	43.79	54.00	-10.21
5092.480	Peak	53.82	3.27	57.10	74.00	-16.90
5150.000	Average	41.64	3.03	44.67	54.00	-9.33
5150.000	Peak	52.86	3.03	55.89	74.00	-18.11

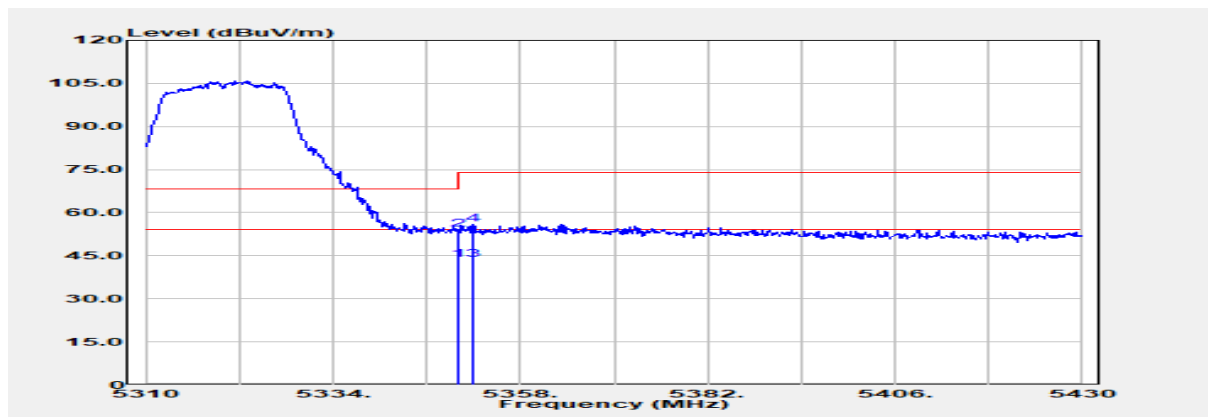
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Report Number :E2/2021/60023
 Operation Mode :802.11a / Band 2
 Test Frequency :5320 MHz
 Test Mode :BE CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	41.51	2.21	43.72	54.00	-10.28
5350.000	Peak	51.90	2.21	54.11	74.00	-19.89
5351.880	Average	41.52	2.21	43.73	54.00	-10.27
5351.880	Peak	53.88	2.21	56.09	74.00	-17.91

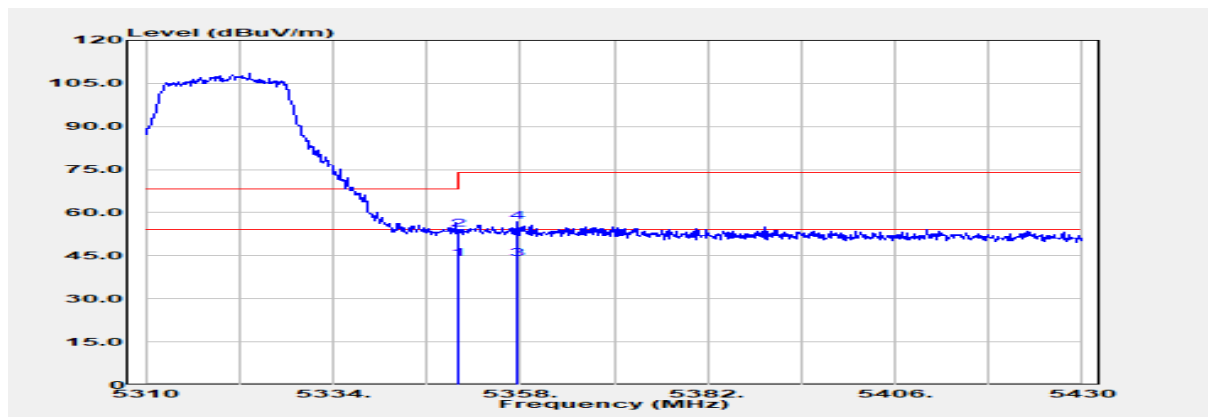
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Report Number :E2/2021/60023
Operation Mode :802.11a / Band 2
Test Frequency :5320 MHz
Test Mode :BE CH HIGH
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-21
Temp./Humi. :20.4/69
Antenna Pol. :Horizontal
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	41.65	2.21	43.86	54.00	-10.14
5350.000	Peak	51.94	2.21	54.15	74.00	-19.85
5357.520	Average	41.64	2.22	43.86	54.00	-10.14
5357.520	Peak	54.55	2.22	56.76	74.00	-17.24

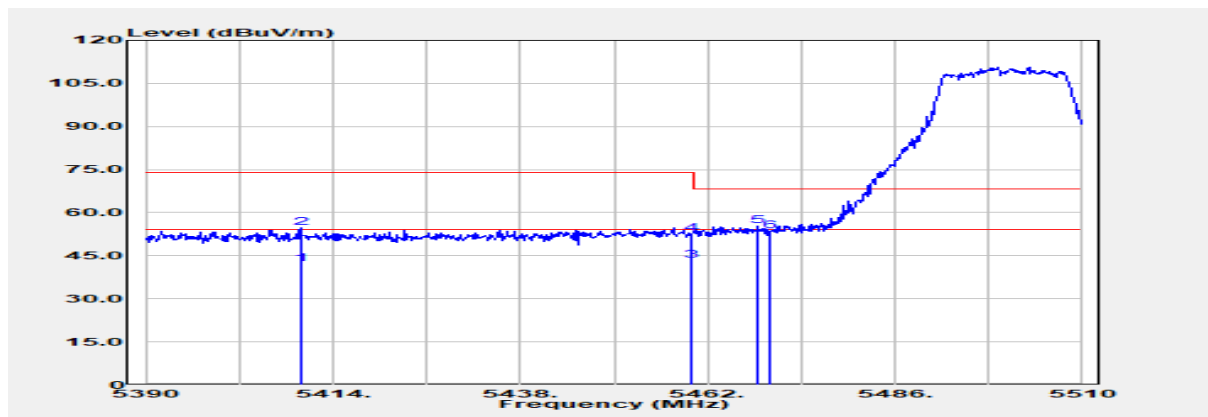
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Report Number :E2/2021/60023
 Operation Mode :802.11a / Band 3
 Test Frequency :5500 MHz
 Test Mode :BE CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5409.800	Average	39.38	2.59	41.97	54.00	-12.03
5409.800	Peak	52.27	2.59	54.86	74.00	-19.14
5460.000	Average	40.71	2.64	43.35	54.00	-10.65
5460.000	Peak	50.12	2.64	52.76	74.00	-21.24
5468.360	Peak	52.48	2.75	55.23	68.20	-12.97
5470.000	Peak	50.78	2.77	53.55	68.20	-14.65

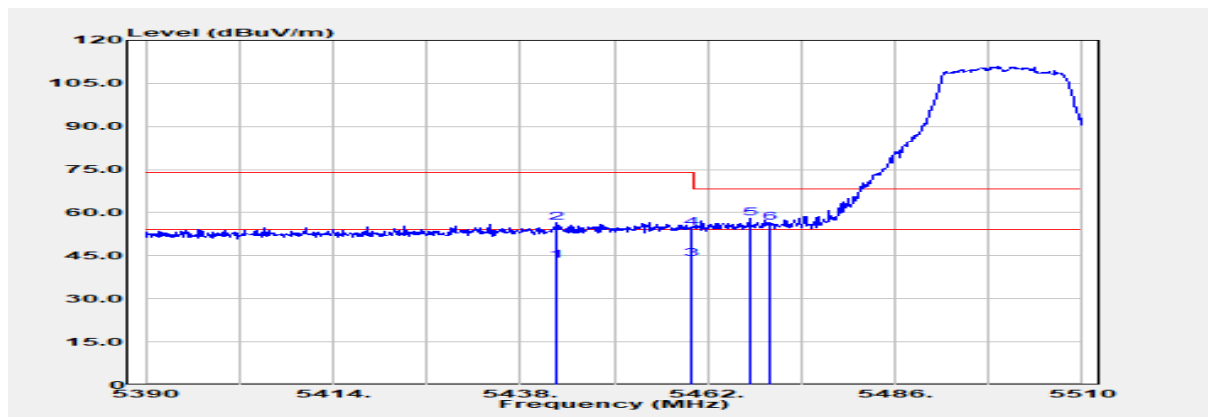
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Report Number :E2/2021/60023
 Operation Mode :802.11a / Band 3
 Test Frequency :5500 MHz
 Test Mode :BE CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



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
5442.680	Average	40.85	2.39	43.24	54.00	-10.76
5442.680	Peak	54.28	2.39	56.67	74.00	-17.33
5460.000	Average	41.25	2.64	43.89	54.00	-10.11
5460.000	Peak	51.95	2.64	54.59	74.00	-19.41
5467.400	Peak	55.17	2.74	57.90	68.20	-10.30
5470.000	Peak	53.63	2.77	56.40	68.20	-11.80

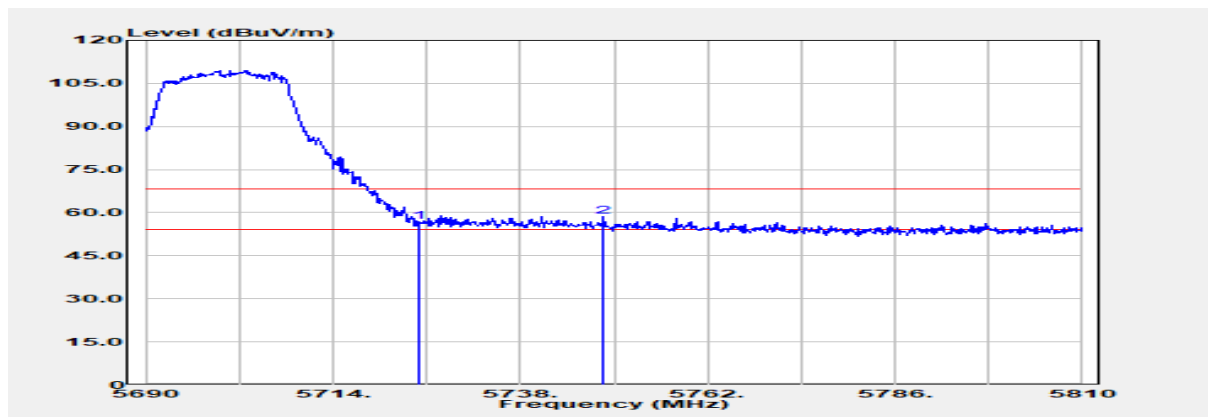
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Report Number :E2/2021/60023
 Operation Mode :802.11a / Band 3
 Test Frequency :5700 MHz
 Test Mode :BE CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	52.57	4.21	56.78	68.20	-11.42
5748.680	Peak	54.26	4.37	58.64	68.20	-9.56

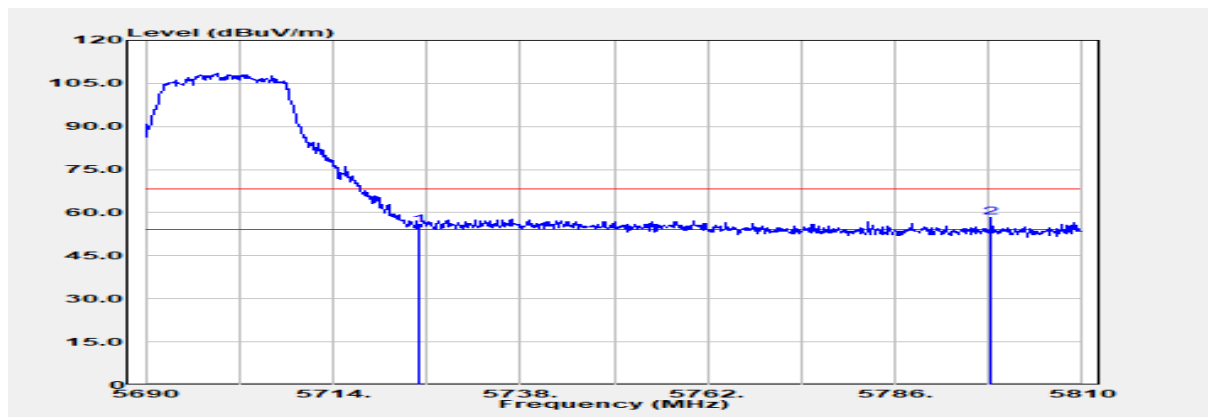
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Report Number :E2/2021/60023
 Operation Mode :802.11a / Band 3
 Test Frequency :5700 MHz
 Test Mode :BE CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	51.42	4.21	55.63	68.20	-12.57
5798.240	Peak	54.44	3.84	58.28	68.20	-9.92

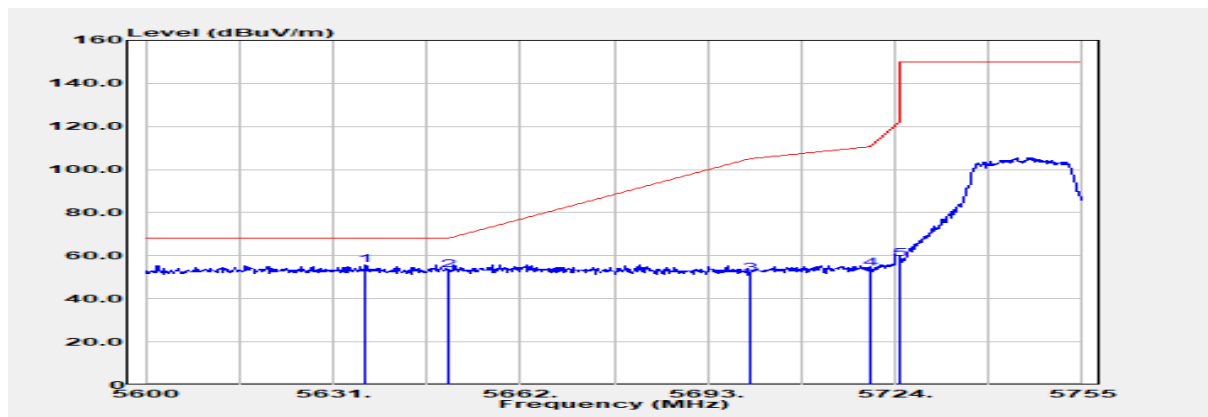
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Report Number :E2/2021/60023
 Operation Mode :802.11a / Band 4
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5636.425	Peak	52.21	3.44	55.65	68.20	-12.55
5650.000	Peak	49.57	3.60	53.17	68.20	-15.03
5700.000	Peak	48.50	3.31	51.81	105.20	-53.39
5720.000	Peak	50.08	4.17	54.25	110.80	-56.55
5725.000	Peak	54.33	4.21	58.54	122.20	-63.66

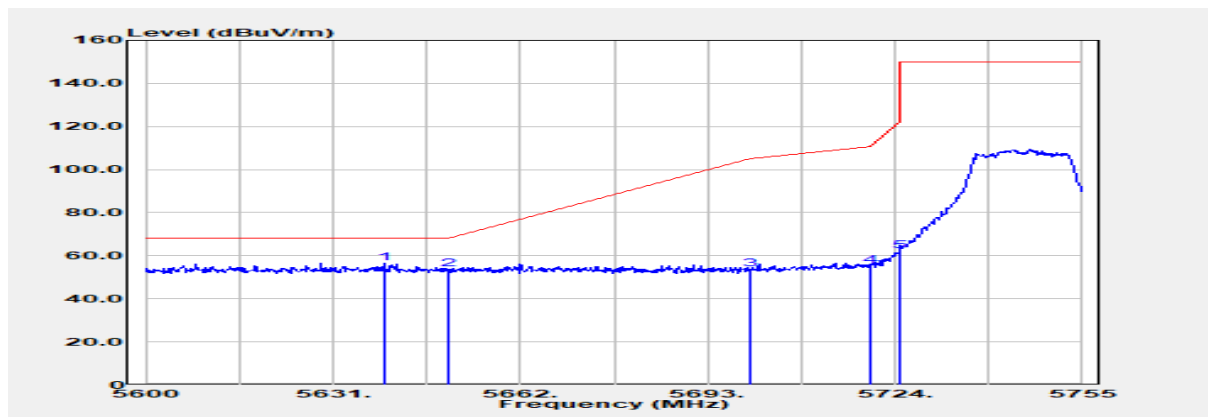
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Report Number :E2/2021/60023
 Operation Mode :802.11a / Band 4
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5639.370	Peak	53.14	3.42	56.56	68.20	-11.64
5650.000	Peak	50.04	3.60	53.64	68.20	-14.56
5700.000	Peak	50.44	3.31	53.75	105.20	-51.45
5720.000	Peak	51.13	4.17	55.30	110.80	-55.50
5725.000	Peak	57.91	4.21	62.12	122.20	-60.08

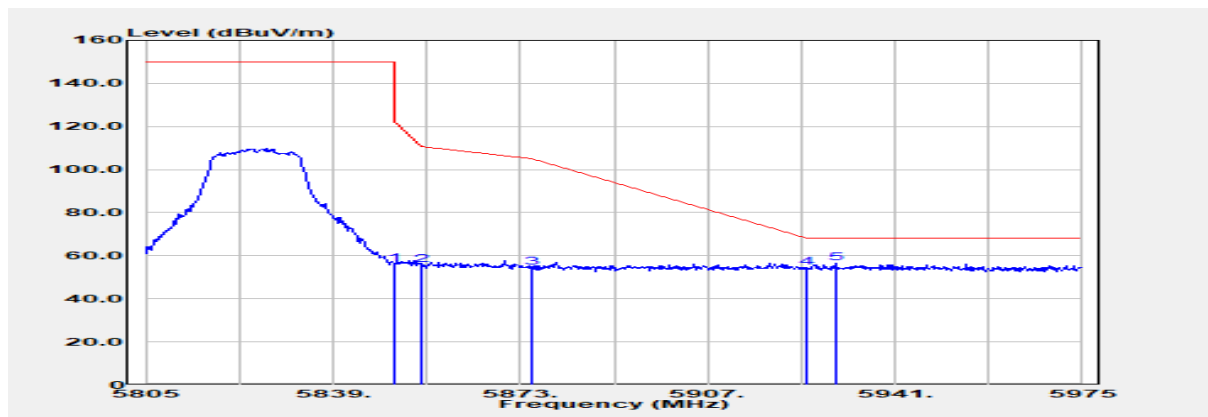
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Report Number :E2/2021/60023
 Operation Mode :802.11a / Band 4
 Test Frequency :5825 MHz
 Test Mode :BE CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



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
5850.000	Peak	51.90	4.31	56.21	122.20	-65.99
5855.000	Peak	51.71	4.21	55.91	110.80	-54.89
5875.000	Peak	50.61	3.90	54.51	105.20	-50.69
5925.000	Peak	50.13	4.36	54.49	68.20	-13.71
5930.290	Peak	52.01	4.33	56.34	68.20	-11.86

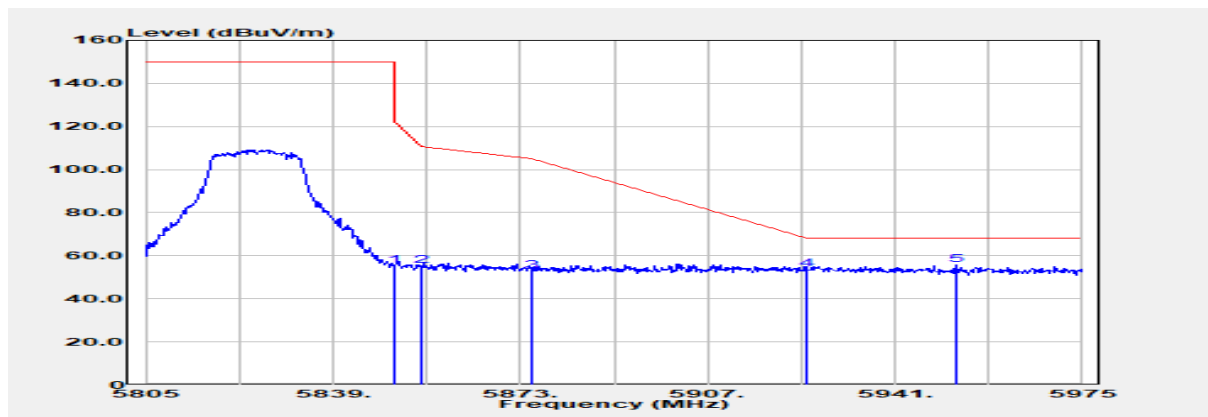
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Report Number :E2/2021/60023
 Operation Mode :802.11a / Band 4
 Test Frequency :5825 MHz
 Test Mode :BE CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-21
 Temp./Humi. :20.4/69
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	51.21	4.31	55.52	122.20	-66.68
5855.000	Peak	51.13	4.21	55.34	110.80	-55.46
5875.000	Peak	49.09	3.90	52.99	105.20	-52.21
5925.000	Peak	49.28	4.36	53.63	68.20	-14.57
5952.050	Peak	51.68	3.99	55.67	68.20	-12.53

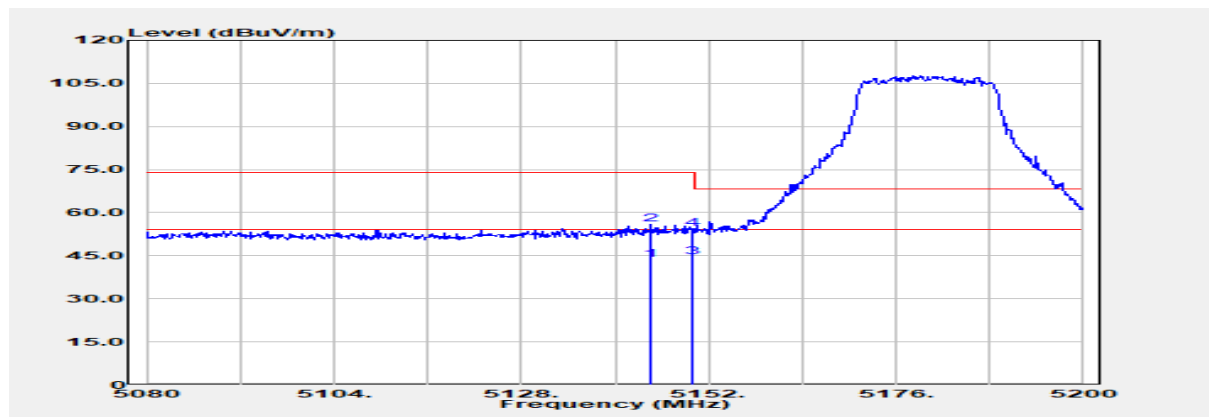
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Report Number :E2/2021/60023
Operation Mode :802.11n20 / Band 1
Test Frequency :5180 MHz
Test Mode :BE CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-23
Temp./Humi. :19.5/70
Antenna Pol. :Vertical
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5144.560	Average	40.82	2.90	43.72	54.00	-10.28
5144.560	Peak	53.01	2.90	55.91	74.00	-18.09
5150.000	Average	41.53	3.03	44.56	54.00	-9.44
5150.000	Peak	51.30	3.03	54.33	74.00	-19.67

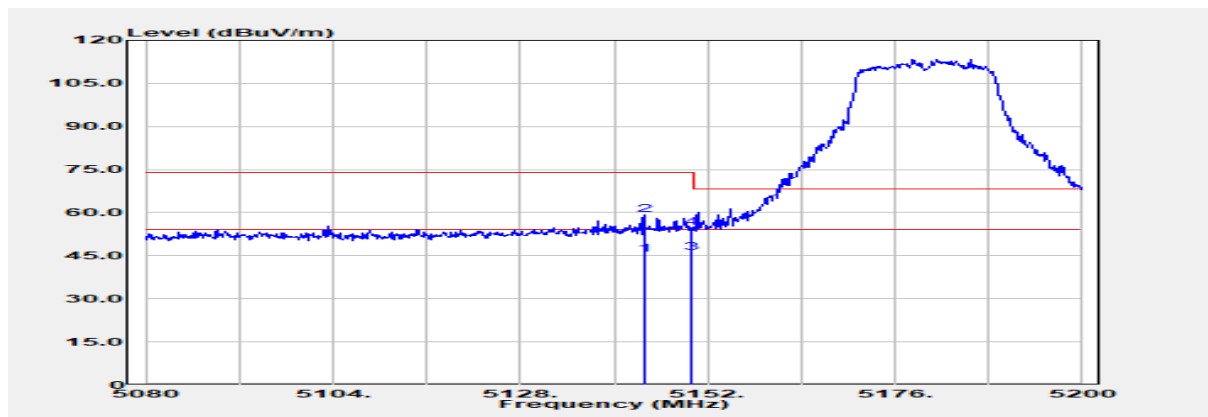
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Report Number :E2/2021/60023
 Operation Mode :802.11n20 / Band 1
 Test Frequency :5180 MHz
 Test Mode :BE CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-23
 Temp./Humi. :19.5/70
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5143.840	Average	42.39	2.88	45.27	54.00	-8.73
5143.840	Peak	56.31	2.88	59.20	74.00	-14.80
5150.000	Average	43.08	3.03	46.11	54.00	-7.89
5150.000	Peak	51.78	3.03	54.81	74.00	-19.19

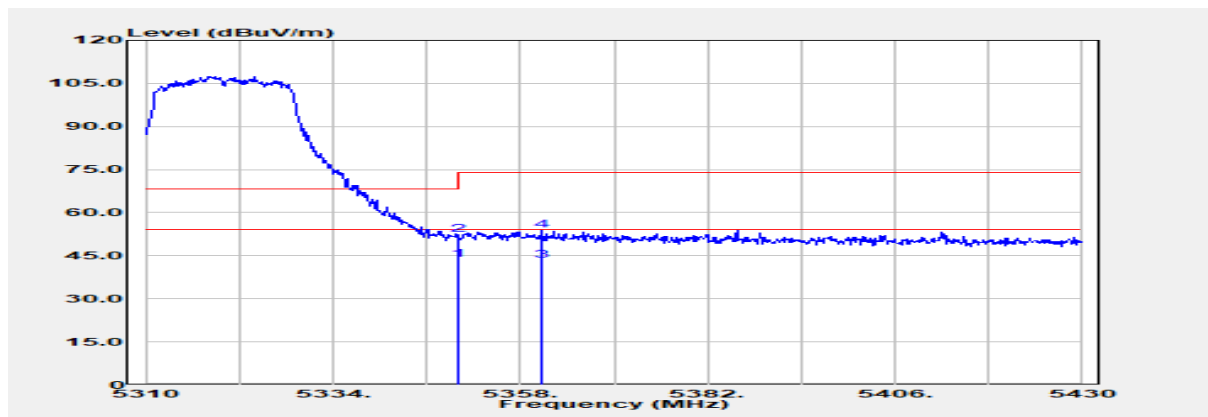
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Report Number :E2/2021/60023
 Operation Mode :802.11n20 / Band 2
 Test Frequency :5320 MHz
 Test Mode :BE CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-23
 Temp./Humi. :19.5/70
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	41.34	2.21	43.55	54.00	-10.45
5350.000	Peak	50.25	2.21	52.46	74.00	-21.54
5360.760	Average	40.99	2.23	43.22	54.00	-10.78
5360.760	Peak	51.74	2.23	53.97	74.00	-20.03

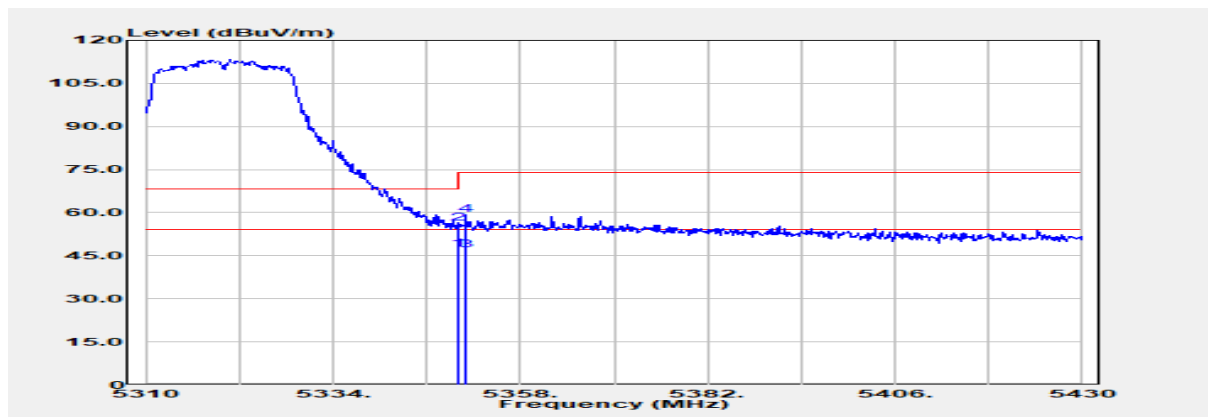
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Report Number :E2/2021/60023
Operation Mode :802.11n20 / Band 2
Test Frequency :5320 MHz
Test Mode :BE CH HIGH
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-23
Temp./Humi. :19.5/70
Antenna Pol. :Horizontal
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	44.91	2.21	47.12	54.00	-6.88
5350.000	Peak	53.94	2.21	56.15	74.00	-17.85
5351.040	Average	44.74	2.21	46.95	54.00	-7.05
5351.040	Peak	56.93	2.21	59.14	74.00	-14.86

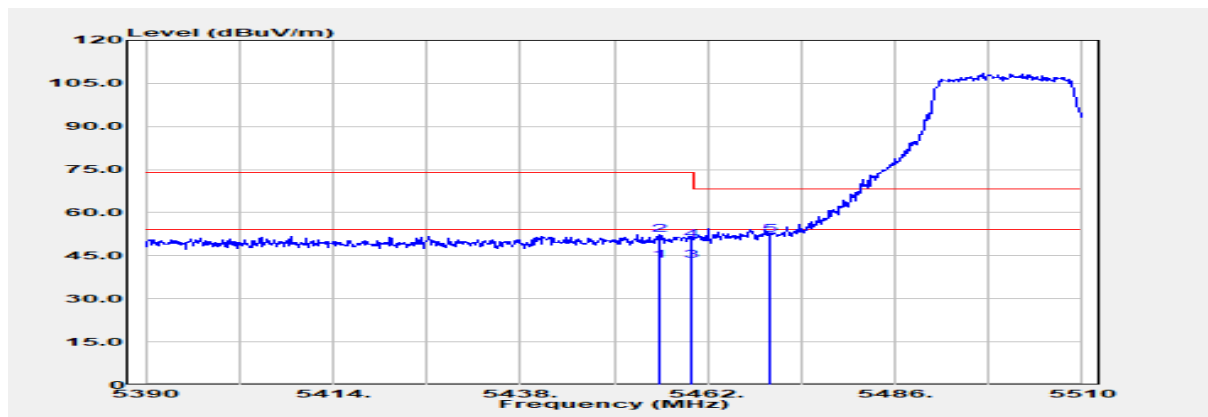
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Report Number :E2/2021/60023
Operation Mode :802.11n20 / Band 3
Test Frequency :5500 MHz
Test Mode :BE CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-23
Temp./Humi. :19.5/70
Antenna Pol. :Vertical
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5455.760	Average	40.61	2.62	43.23	54.00	-10.77
5455.760	Peak	49.78	2.62	52.41	74.00	-21.59
5460.000	Average	40.79	2.64	43.43	54.00	-10.57
5460.000	Peak	47.96	2.64	50.60	74.00	-23.40
5470.000	Peak	49.64	2.77	52.41	68.20	-15.79

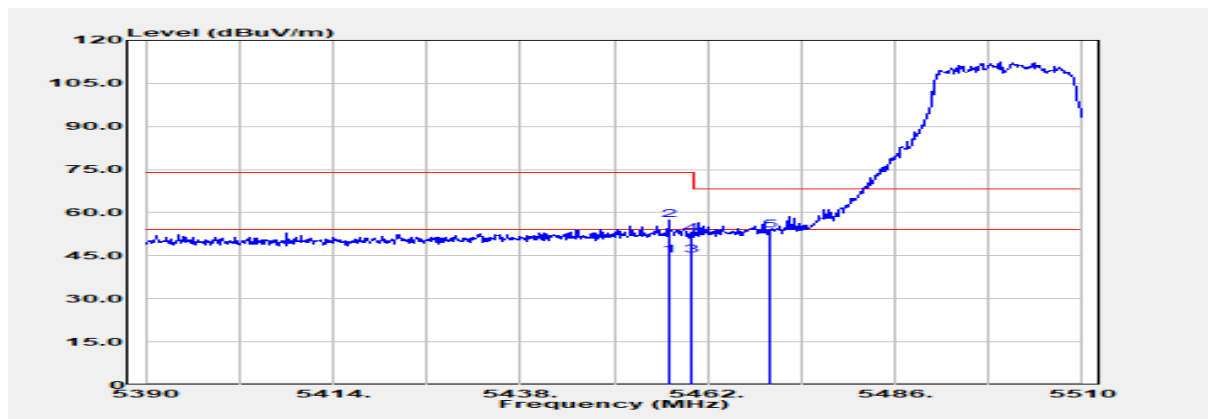
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Report Number :E2/2021/60023
 Operation Mode :802.11n20 / Band 3
 Test Frequency :5500 MHz
 Test Mode :BE CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-23
 Temp./Humi. :19.5/70
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5456.960	Average	42.38	2.63	45.01	54.00	-8.99
5456.960	Peak	54.90	2.63	57.53	74.00	-16.47
5460.000	Average	42.54	2.64	45.18	54.00	-8.82
5460.000	Peak	49.91	2.64	52.55	74.00	-21.45
5470.000	Peak	51.11	2.77	53.88	68.20	-14.32

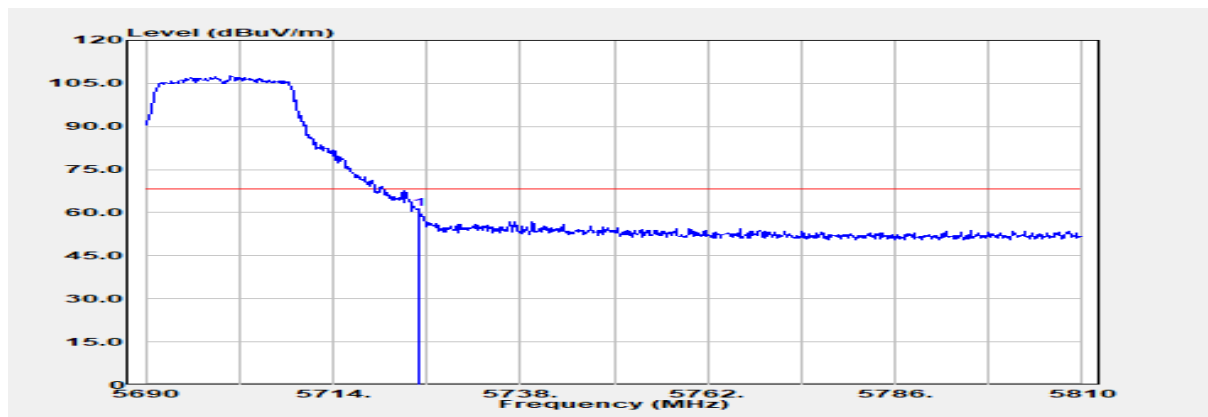
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Report Number :E2/2021/60023
 Operation Mode :802.11n20 / Band 3
 Test Frequency :5700 MHz
 Test Mode :BE CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-23
 Temp./Humi. :19.5/70
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	57.28	4.21	61.49	68.20	-6.71

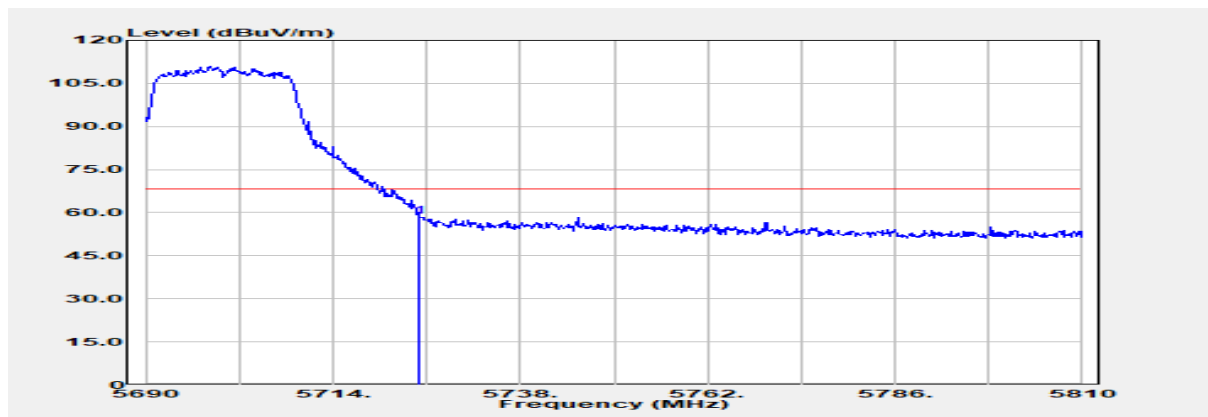
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Report Number :E2/2021/60023
 Operation Mode :802.11n20 / Band 3
 Test Frequency :5700 MHz
 Test Mode :BE CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-23
 Temp./Humi. :19.5/70
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	54.45	4.21	58.66	68.20	-9.54

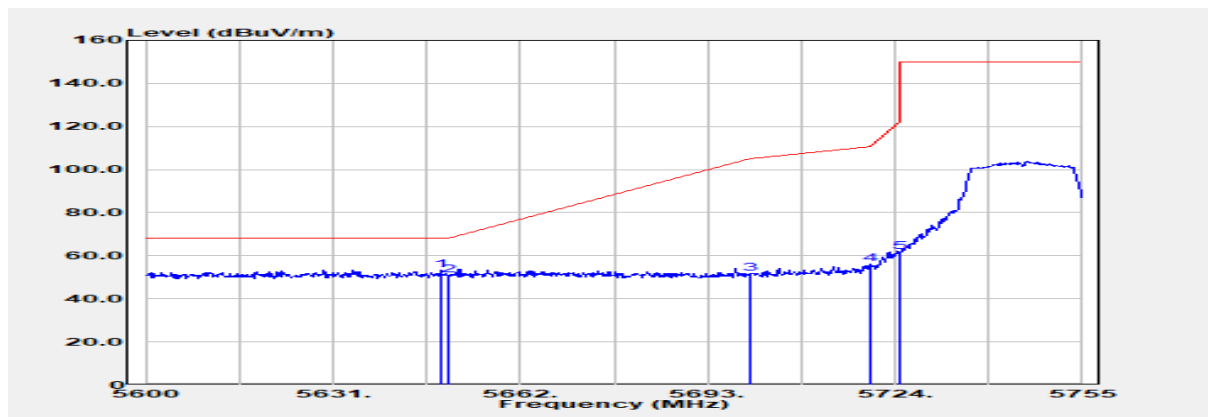
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Report Number :E2/2021/60023
 Operation Mode :802.11n20 / Band 4
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-23
 Temp./Humi. :19.5/70
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5648.825	Peak	49.95	3.58	53.53	68.20	-14.67
5650.000	Peak	47.37	3.60	50.97	68.20	-17.23
5700.000	Peak	48.30	3.31	51.61	105.20	-53.59
5720.000	Peak	51.83	4.17	56.00	110.80	-54.80
5725.000	Peak	57.40	4.21	61.62	122.20	-60.58

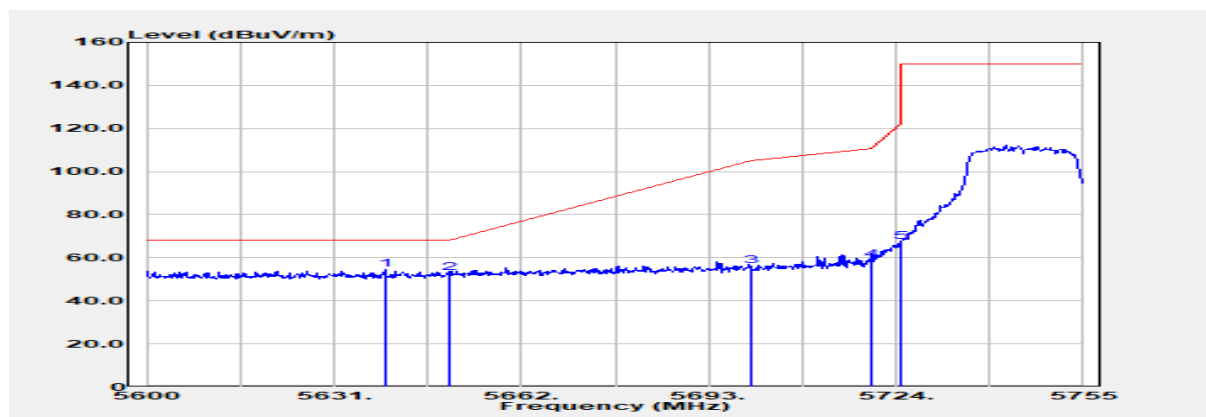
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Report Number :E2/2021/60023
 Operation Mode :802.11n20 / Band 4
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-23
 Temp./Humi. :19.5/70
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5639.370	Peak	51.12	3.42	54.53	68.20	-13.67
5650.000	Peak	49.36	3.60	52.96	68.20	-15.24
5700.000	Peak	52.82	3.31	56.13	105.20	-49.07
5720.000	Peak	54.97	4.17	59.14	110.80	-51.66
5725.000	Peak	63.19	4.21	67.40	122.20	-54.80

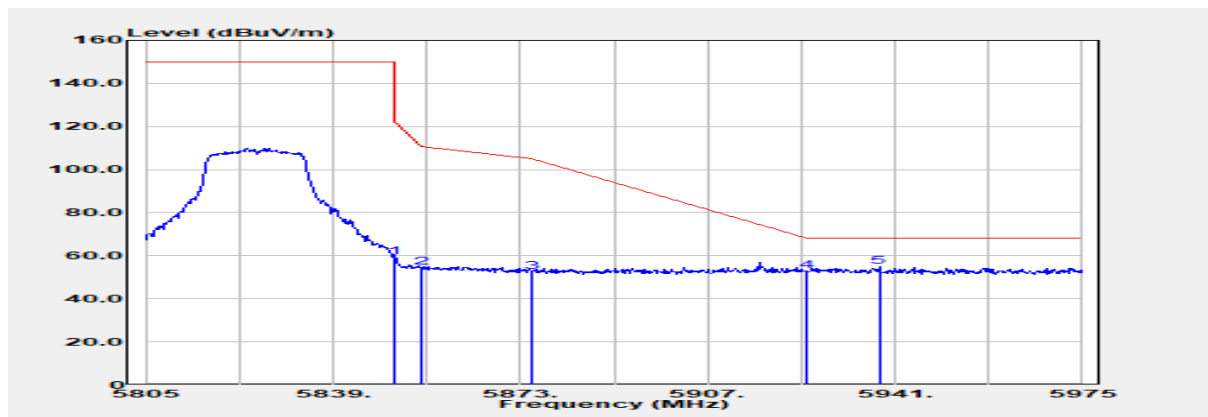
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Report Number :E2/2021/60023
Operation Mode :802.11n20 / Band 4
Test Frequency :5825 MHz
Test Mode :BE CH HIGH
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-23
Temp./Humi. :19.5/70
Antenna Pol. :Vertical
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	54.98	4.31	59.29	122.20	-62.91
5855.000	Peak	50.19	4.21	54.40	110.80	-56.40
5875.000	Peak	48.77	3.90	52.67	105.20	-52.53
5925.000	Peak	48.51	4.36	52.86	68.20	-15.34
5938.110	Peak	50.59	4.17	54.76	68.20	-13.44

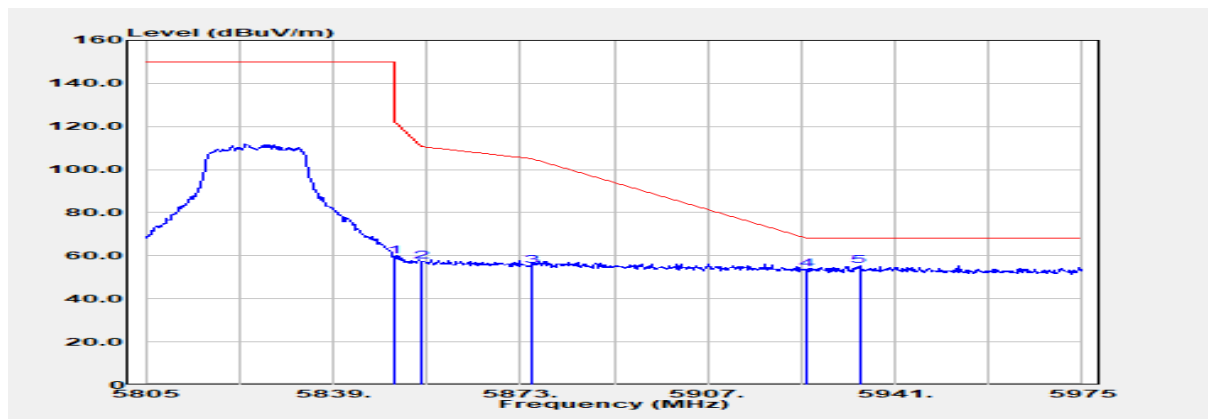
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Report Number :E2/2021/60023
 Operation Mode :802.11n20 / Band 4
 Test Frequency :5825 MHz
 Test Mode :BE CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-23
 Temp./Humi. :19.5/70
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	55.35	4.31	59.66	122.20	-62.54
5855.000	Peak	53.31	4.21	57.52	110.80	-53.28
5875.000	Peak	51.59	3.90	55.49	105.20	-49.71
5925.000	Peak	49.23	4.36	53.59	68.20	-14.61
5934.540	Peak	51.18	4.24	55.43	68.20	-12.77

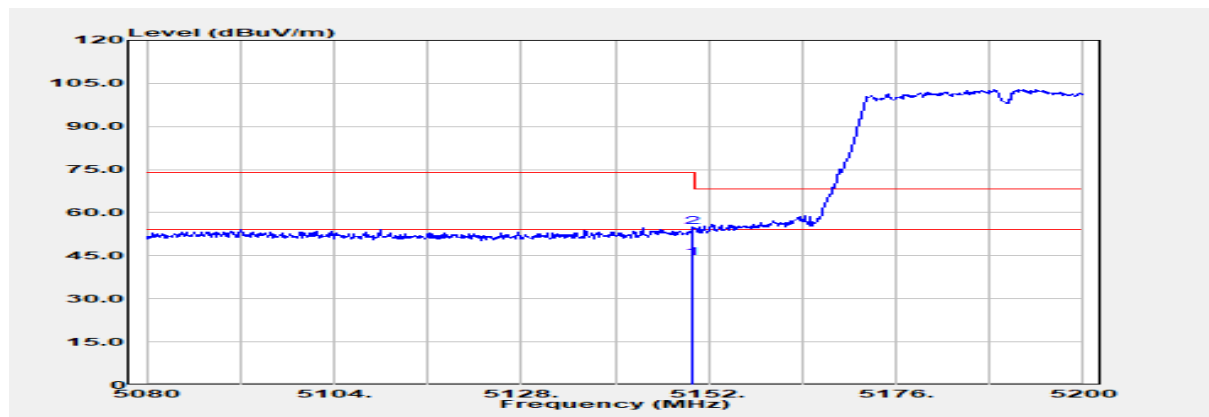
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Report Number :E2/2021/60023
Operation Mode :802.11n40 / Band 1
Test Frequency :5190 MHz
Test Mode :BE CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-23
Temp./Humi. :19.5/70
Antenna Pol. :Vertical
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	41.30	3.03	44.33	54.00	-9.67
5150.000	Peak	52.09	3.03	55.12	74.00	-18.88

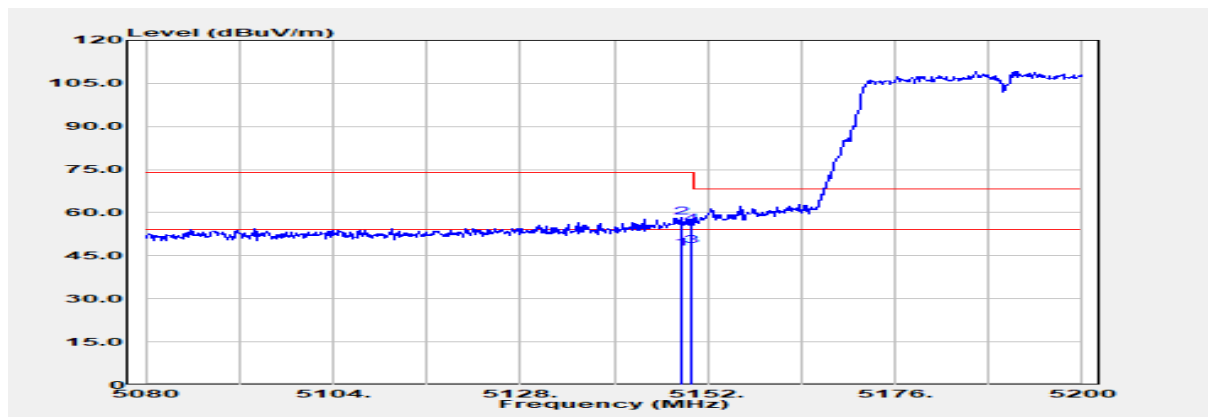
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Report Number :E2/2021/60023
Operation Mode :802.11n40 / Band 1
Test Frequency :5190 MHz
Test Mode :BE CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-23
Temp./Humi. :19.5/70
Antenna Pol. :Horizontal
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5148.640	Average	44.65	3.00	47.65	54.00	-6.35
5148.640	Peak	55.20	3.00	58.20	74.00	-15.80
5150.000	Average	45.43	3.03	48.46	54.00	-5.54
5150.000	Peak	52.83	3.03	55.86	74.00	-18.14

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Report Number :E2/2021/60023

Test Site :966 Chamber G

Operation Mode :802.11n40 / Band 2

Test Date :2021-06-23

Test Frequency :5310 MHz

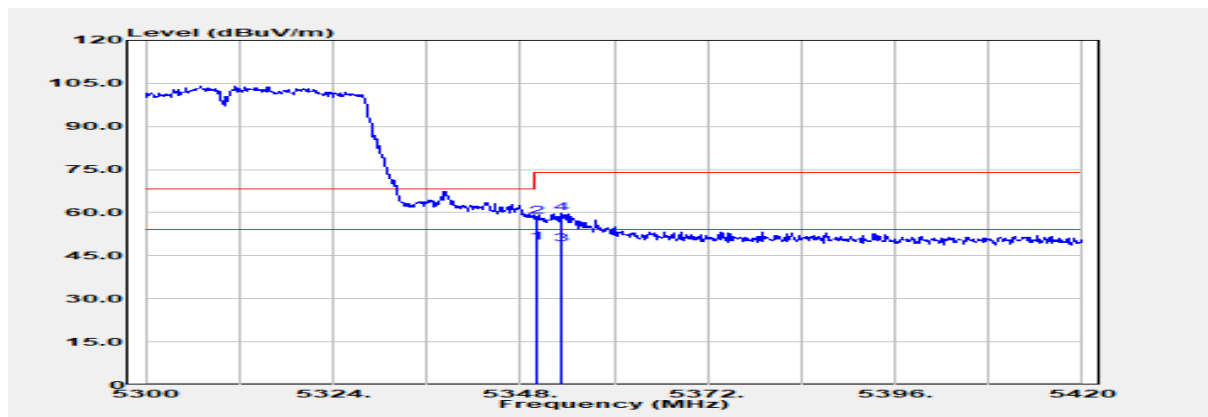
Temp./Humi. :19.5/70

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :H Plane

Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	47.53	2.21	49.74	54.00	-4.26
5350.000	Peak	56.36	2.21	58.57	74.00	-15.43
5353.280	Average	46.77	2.21	48.99	54.00	-5.01
5353.280	Peak	57.72	2.21	59.94	74.00	-14.06

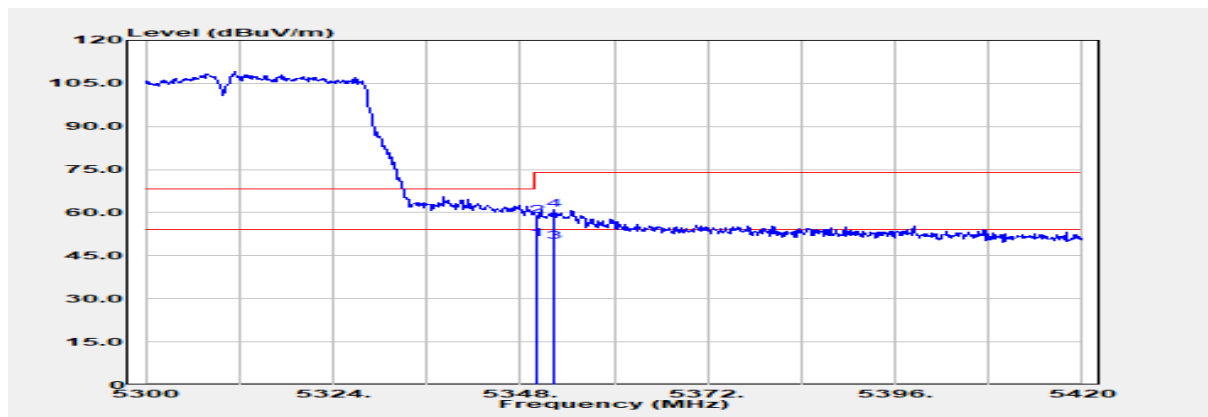
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Report Number :E2/2021/60023
 Operation Mode :802.11n40 / Band 2
 Test Frequency :5310 MHz
 Test Mode :BE CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-23
 Temp./Humi. :19.5/70
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	48.67	2.21	50.88	54.00	-3.12
5350.000	Peak	56.69	2.21	58.90	74.00	-15.10
5352.440	Average	47.83	2.21	50.04	54.00	-3.96
5352.440	Peak	58.79	2.21	61.00	74.00	-13.00

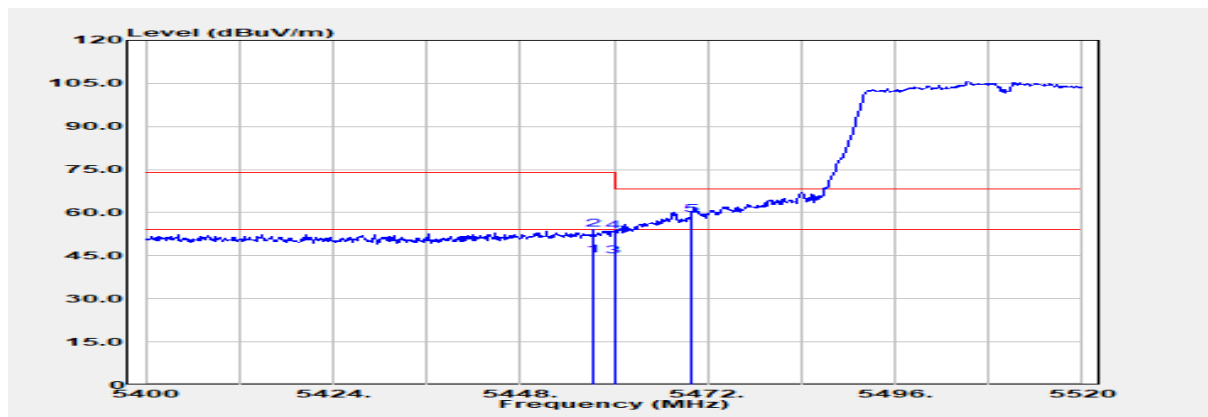
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Report Number :E2/2021/60023
 Operation Mode :802.11n40 / Band 3
 Test Frequency :5510 MHz
 Test Mode :BE CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-23
 Temp./Humi. :19.5/70
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5457.360	Average	42.34	2.63	44.97	54.00	-9.03
5457.360	Peak	51.48	2.63	54.11	74.00	-19.89
5460.000	Average	42.15	2.64	44.79	54.00	-9.21
5460.000	Peak	51.01	2.64	53.65	74.00	-20.35
5470.000	Peak	56.38	2.77	59.15	68.20	-9.05

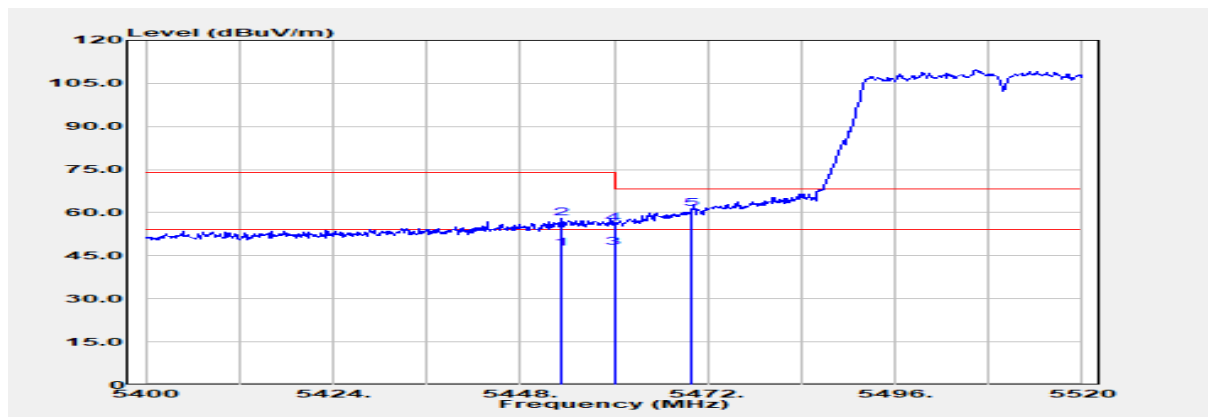
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Report Number :E2/2021/60023
Operation Mode :802.11n40 / Band 3
Test Frequency :5510 MHz
Test Mode :BE CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-23
Temp./Humi. :19.5/70
Antenna Pol. :Horizontal
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5453.160	Average	45.04	2.61	47.65	54.00	-6.35
5453.160	Peak	55.34	2.61	57.95	74.00	-16.05
5460.000	Average	45.18	2.64	47.82	54.00	-6.18
5460.000	Peak	53.66	2.64	56.30	74.00	-17.70
5470.000	Peak	58.65	2.77	61.42	68.20	-6.78

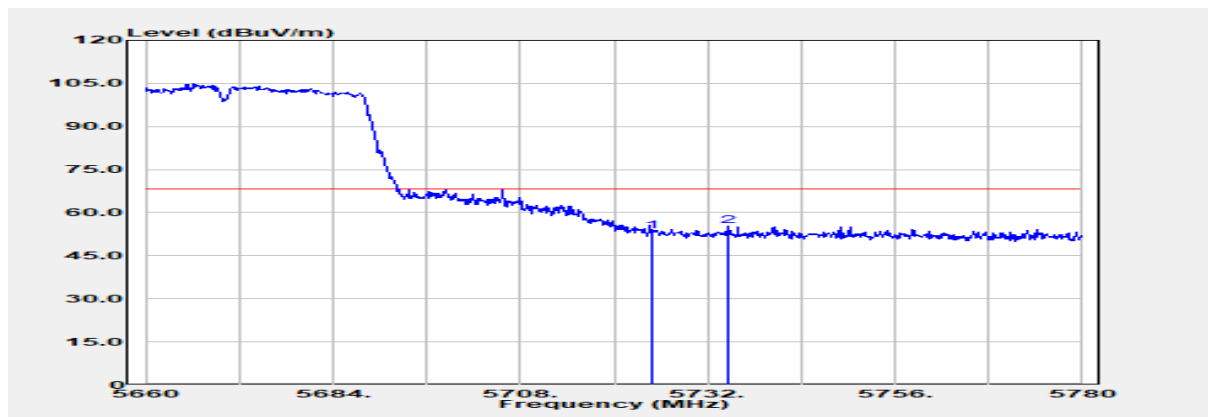
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Report Number :E2/2021/60023
 Operation Mode :802.11n40 / Band 3
 Test Frequency :5670 MHz
 Test Mode :BE CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-23
 Temp./Humi. :19.5/70
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	49.29	4.21	53.50	68.20	-14.70
5734.760	Peak	50.93	4.29	55.22	68.20	-12.98

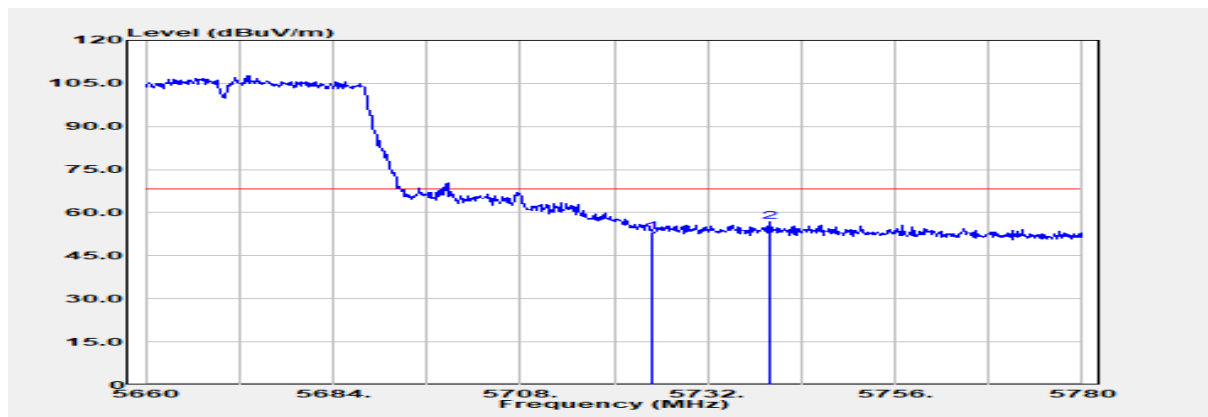
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Report Number :E2/2021/60023
Operation Mode :802.11n40 / Band 3
Test Frequency :5670 MHz
Test Mode :BE CH HIGH
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-23
Temp./Humi. :19.5/70
Antenna Pol. :Horizontal
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	49.10	4.21	53.31	68.20	-14.89
5740.040	Peak	52.49	4.34	56.83	68.20	-11.37

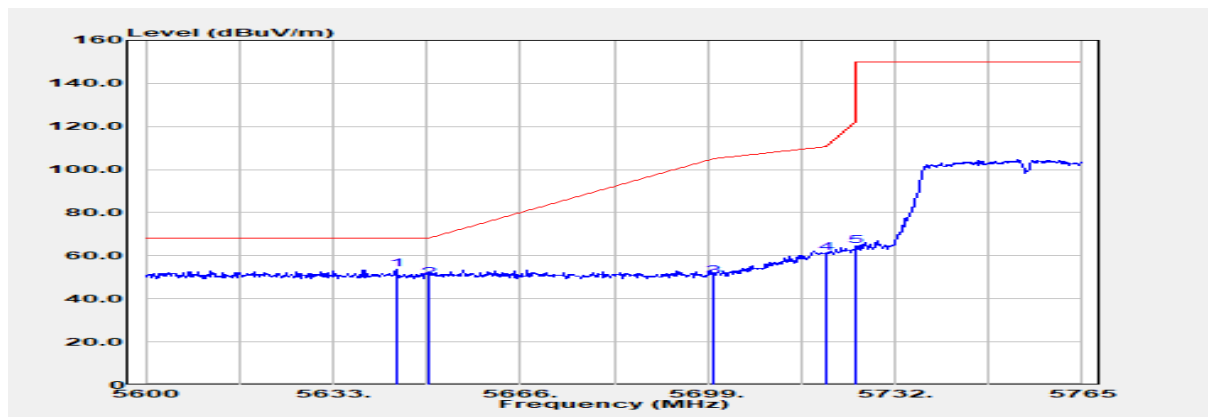
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Report Number :E2/2021/60023
Operation Mode :802.11n40 / Band 4
Test Frequency :5755 MHz
Test Mode :BE CH LOW
EUT Pol :H Plane

Test Site :966 Chamber G
Test Date :2021-06-23
Temp./Humi. :19.5/70
Antenna Pol. :Vertical
Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5644.055	Peak	50.06	3.49	53.54	68.20	-14.66
5650.000	Peak	46.17	3.60	49.77	68.20	-18.43
5700.000	Peak	47.03	3.31	50.34	105.20	-54.86
5720.000	Peak	57.30	4.17	61.47	110.80	-49.33
5725.000	Peak	60.20	4.21	64.41	122.20	-57.79

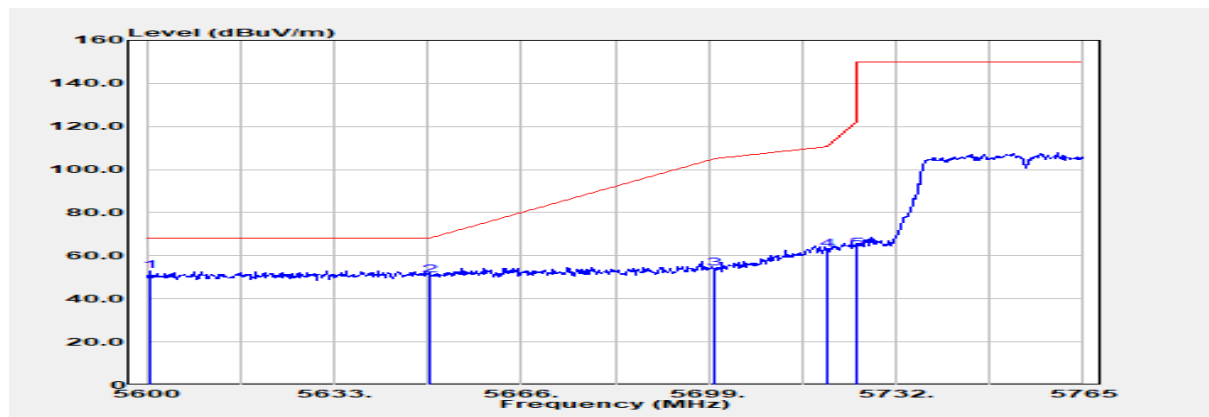
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Report Number :E2/2021/60023
 Operation Mode :802.11n40 / Band 4
 Test Frequency :5755 MHz
 Test Mode :BE CH LOW
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-23
 Temp./Humi. :19.5/70
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5600.660	Peak	49.83	3.20	53.03	68.20	-15.17
5650.000	Peak	47.36	3.60	50.96	68.20	-17.24
5700.000	Peak	50.88	3.31	54.19	105.20	-51.01
5720.000	Peak	58.70	4.17	62.87	110.80	-47.93
5725.000	Peak	59.02	4.21	63.23	122.20	-58.97

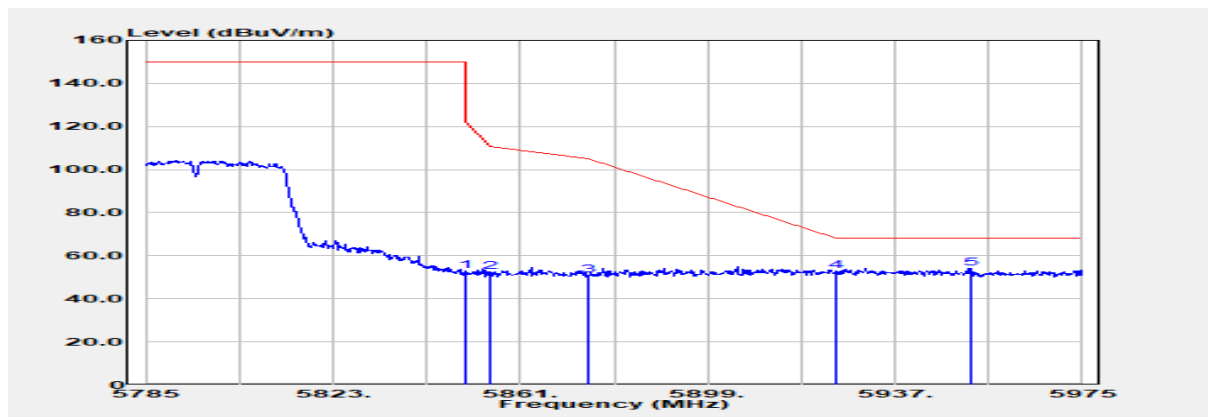
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Report Number :E2/2021/60023
 Operation Mode :802.11n40 / Band 4
 Test Frequency :5795 MHz
 Test Mode :BE CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-23
 Temp./Humi. :19.5/70
 Antenna Pol. :Vertical
 Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	48.53	4.31	52.84	122.20	-69.36
5855.000	Peak	48.42	4.21	52.63	110.80	-58.17
5875.000	Peak	47.15	3.90	51.05	105.20	-54.15
5925.000	Peak	48.54	4.36	52.89	68.20	-15.31
5952.390	Peak	50.09	3.99	54.08	68.20	-14.12

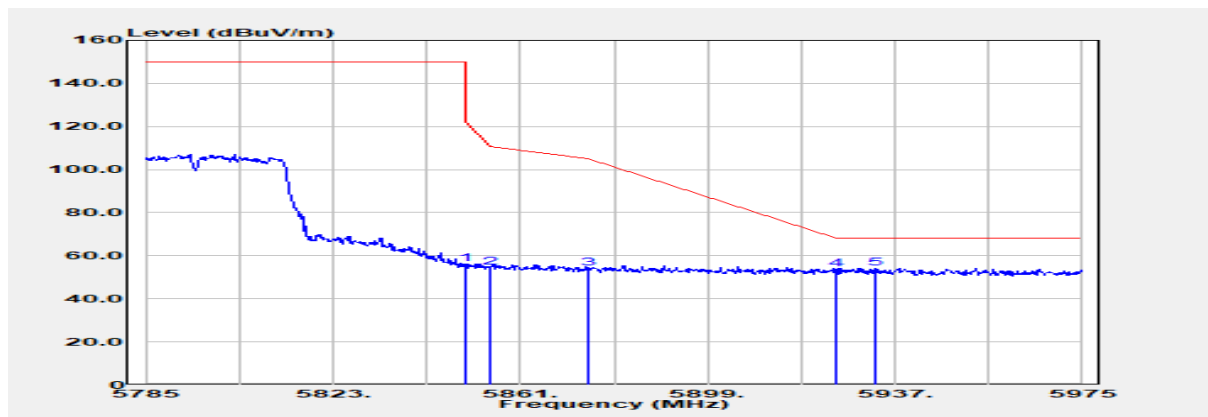
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Report Number :E2/2021/60023
 Operation Mode :802.11n40 / Band 4
 Test Frequency :5795 MHz
 Test Mode :BE CH HIGH
 EUT Pol :H Plane

Test Site :966 Chamber G
 Test Date :2021-06-23
 Temp./Humi. :19.5/70
 Antenna Pol. :Horizontal
 Engineer :Jack Tseng



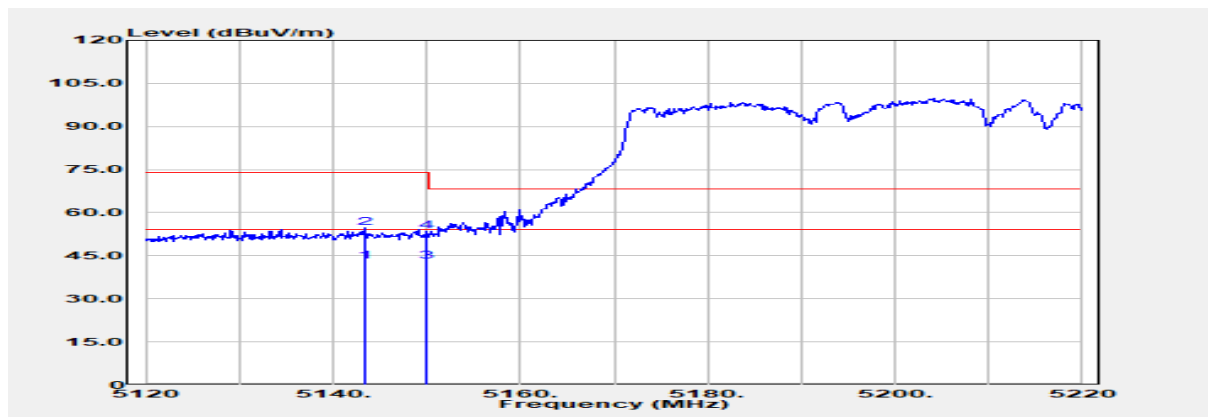
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	51.64	4.31	55.95	122.20	-66.25
5855.000	Peak	50.32	4.21	54.53	110.80	-56.27
5875.000	Peak	50.32	3.90	54.22	105.20	-50.98
5925.000	Peak	49.33	4.36	53.68	68.20	-14.52
5932.820	Peak	49.89	4.28	54.17	68.20	-14.03

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Report Number	:E2/2021/60023	Test Site	:966 Chamber G
Operation Mode	:802.11ac80 / Band 1	Test Date	:2021-06-24
Test Frequency	:5210 MHz	Temp./Humi.	:18.8/65
Test Mode	:BE CH LOW	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Jack Tseng



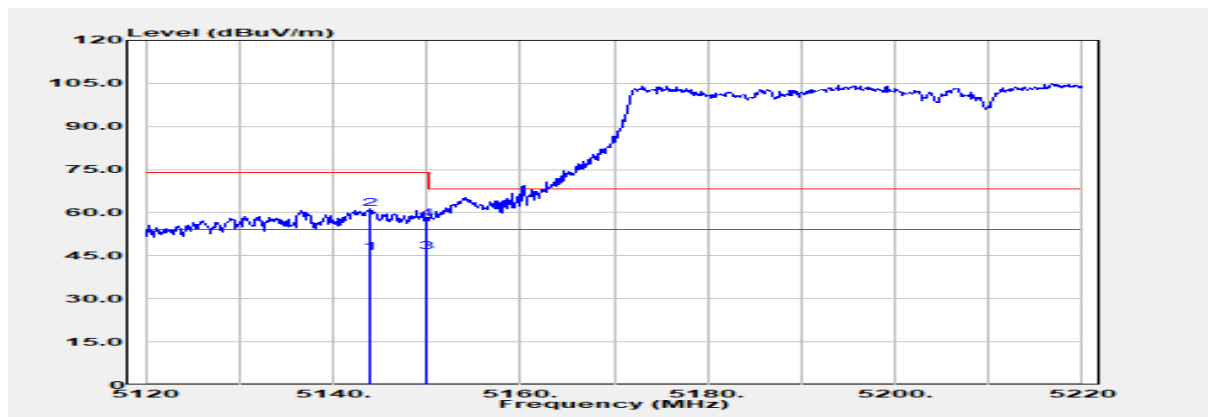
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5143.300	Average	40.19	2.87	43.06	54.00	-10.94
5143.300	Peak	51.81	2.87	54.68	74.00	-19.32
5150.000	Average	40.02	3.03	43.05	54.00	-10.96
5150.000	Peak	50.42	3.03	53.45	74.00	-20.55

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Report Number	:E2/2021/60023	Test Site	:966 Chamber G
Operation Mode	:802.11ac80 / Band 1	Test Date	:2021-06-24
Test Frequency	:5210 MHz	Temp./Humi.	:18.8/65
Test Mode	:BE CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5144.000	Average	43.22	2.89	46.11	54.00	-7.89
5144.000	Peak	58.34	2.89	61.22	74.00	-12.78
5150.000	Average	43.31	3.03	46.34	54.00	-7.66
5150.000	Peak	54.77	3.03	57.80	74.00	-16.20

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Report Number :E2/2021/60023

Test Site :966 Chamber G

Operation Mode :802.11ac80 / Band 2

Test Date :2021-06-24

Test Frequency :5290 MHz

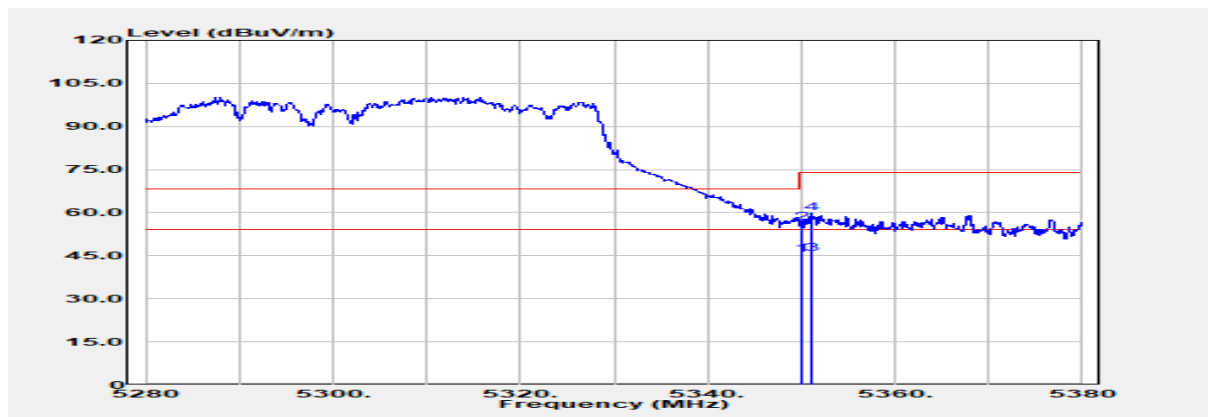
Temp./Humi. :18.8/65

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :H Plane

Engineer :Jack Tseng



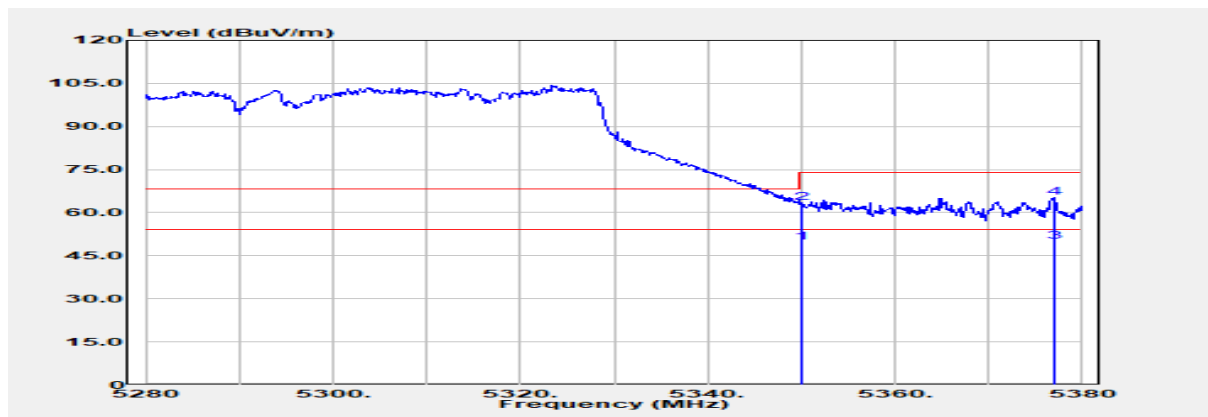
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	43.23	2.21	45.44	54.00	-8.56
5350.000	Peak	54.44	2.21	56.65	74.00	-17.35
5351.200	Average	43.58	2.21	45.79	54.00	-8.21
5351.200	Peak	57.66	2.21	59.87	74.00	-14.13

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Report Number	:E2/2021/60023	Test Site	:966 Chamber G
Operation Mode	:802.11ac80 / Band 2	Test Date	:2021-06-24
Test Frequency	:5290 MHz	Temp./Humi.	:18.8/65
Test Mode	:BE CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	47.53	2.21	49.74	54.00	-4.26
5350.000	Peak	61.31	2.21	63.52	74.00	-10.48
5377.000	Average	47.56	2.33	49.89	54.00	-4.11
5377.000	Peak	63.06	2.33	65.39	74.00	-8.61

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Report Number :E2/2021/60023

Test Site :966 Chamber G

Operation Mode :802.11ac80 / Band 3

Test Date :2021-06-24

Test Frequency :5530 MHz

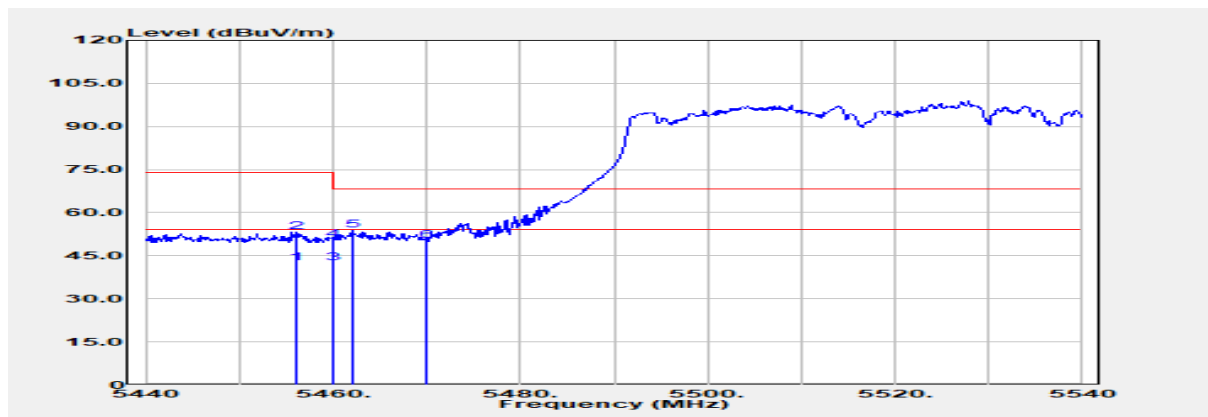
Temp./Humi. :18.8/65

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :H Plane

Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5456.100	Average	39.69	2.62	42.31	54.00	-11.69
5456.100	Peak	50.61	2.62	53.23	74.00	-20.77
5460.000	Average	39.70	2.64	42.34	54.00	-11.66
5460.000	Peak	47.81	2.64	50.45	74.00	-23.55
5462.000	Peak	51.22	2.67	53.89	68.20	-14.31
5470.000	Peak	47.45	2.77	50.22	68.20	-17.98

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Report Number :E2/2021/60023

Test Site :966 Chamber G

Operation Mode :802.11ac80 / Band 3

Test Date :2021-06-24

Test Frequency :5530 MHz

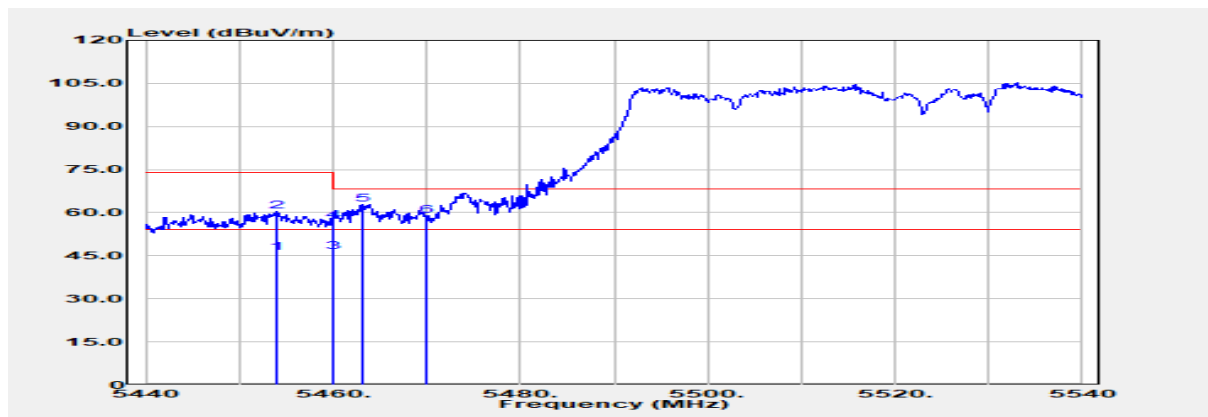
Temp./Humi. :18.8/65

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :H Plane

Engineer :Jack Tseng



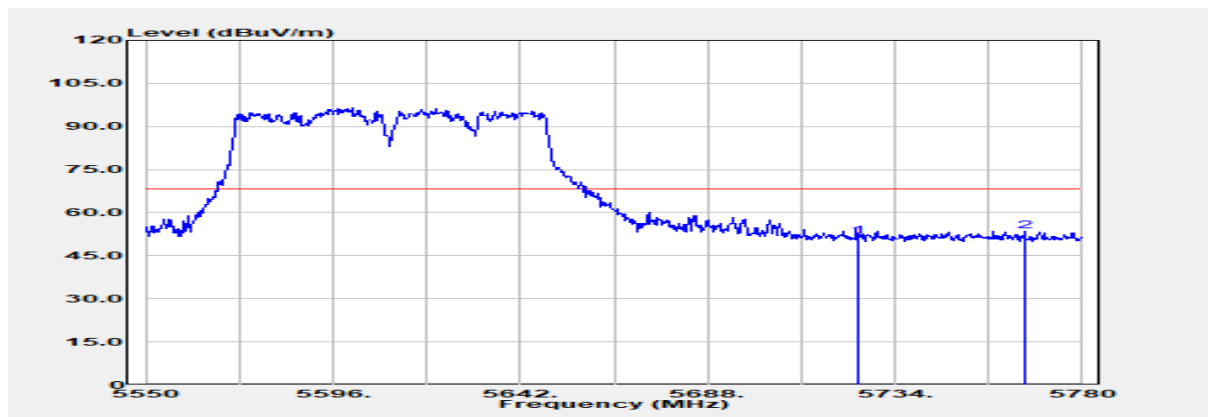
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5454.100	Average	43.54	2.62	46.15	54.00	-7.85
5454.100	Peak	57.98	2.62	60.59	74.00	-13.41
5460.000	Average	43.63	2.64	46.27	54.00	-7.73
5460.000	Peak	54.53	2.64	57.17	74.00	-16.83
5463.100	Peak	60.10	2.68	62.78	68.20	-5.42
5470.000	Peak	56.18	2.77	58.95	68.20	-9.25

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Report Number	:E2/2021/60023	Test Site	:966 Chamber G
Operation Mode	:802.11ac80 / Band 3	Test Date	:2021-06-24
Test Frequency	:5610 MHz	Temp./Humi.	:18.8/65
Test Mode	:BE CH MID	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Jack Tseng



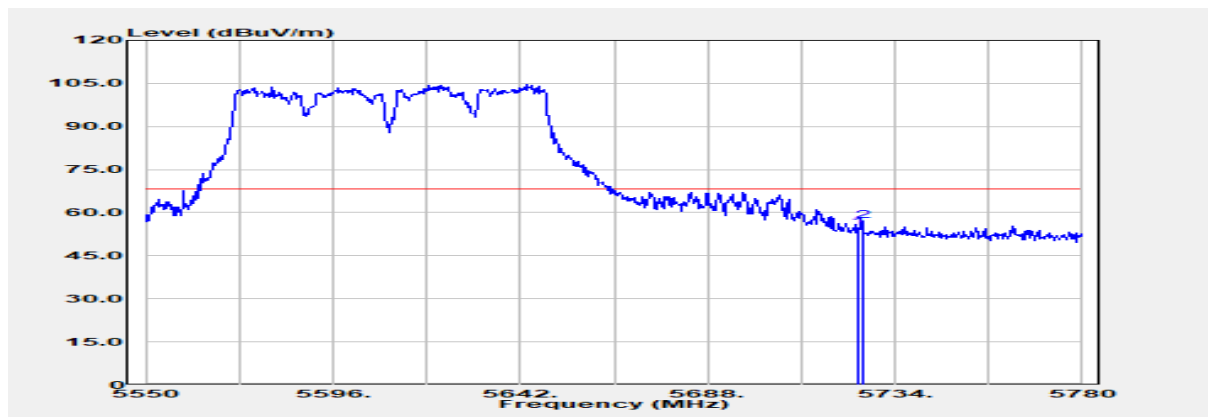
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	47.38	4.21	51.59	68.20	-16.61
5765.970	Peak	49.47	4.03	53.50	68.20	-14.70

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Report Number	:E2/2021/60023	Test Site	:966 Chamber G
Operation Mode	:802.11ac80 / Band 3	Test Date	:2021-06-24
Test Frequency	:5610 MHz	Temp./Humi.	:18.8/65
Test Mode	:BE CH MID	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	50.46	4.21	54.67	68.20	-13.53
5725.950	Peak	52.84	4.22	57.06	68.20	-11.14

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Report Number :E2/2021/60023

Test Site :966 Chamber G

Operation Mode :802.11ac80 / Band 4

Test Date :2021-06-24

Test Frequency :5775 MHz

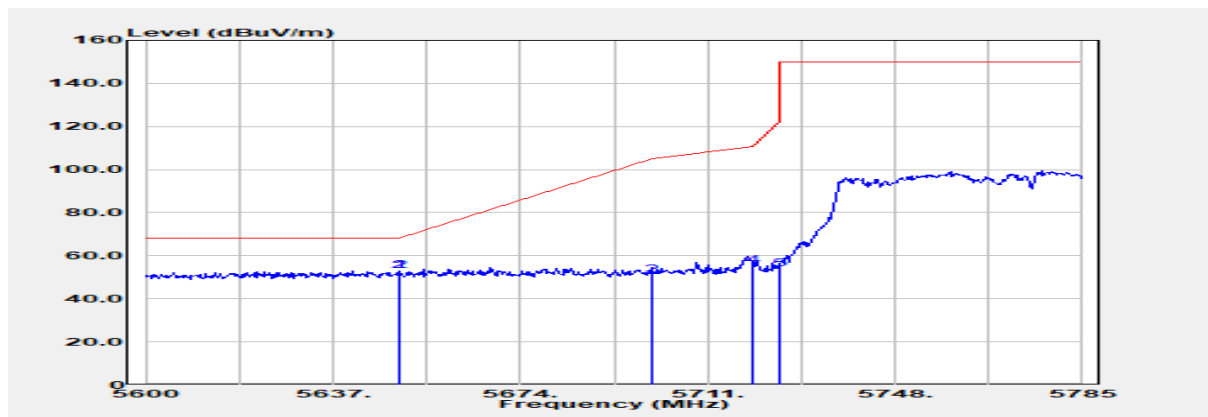
Temp./Humi. :18.8/65

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :H Plane

Engineer :Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5649.950	Peak	49.46	3.60	53.06	68.20	-15.14
5650.000	Peak	49.46	3.60	53.06	68.20	-15.14
5700.000	Peak	47.48	3.31	50.79	105.20	-54.41
5720.000	Peak	51.08	4.17	55.25	110.80	-55.55
5725.000	Peak	49.62	4.21	53.84	122.20	-68.36

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Operation Mode :802.11ac80 / Band 4

Test Date :2021-06-24

Test Frequency :5775 MHz

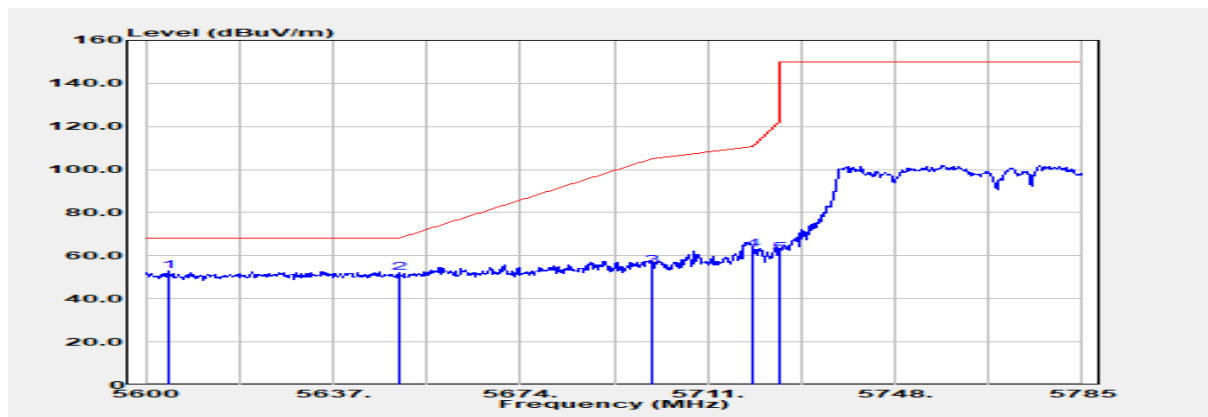
Temp./Humi. :18.8/65

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :H Plane

Engineer :Jack Tseng



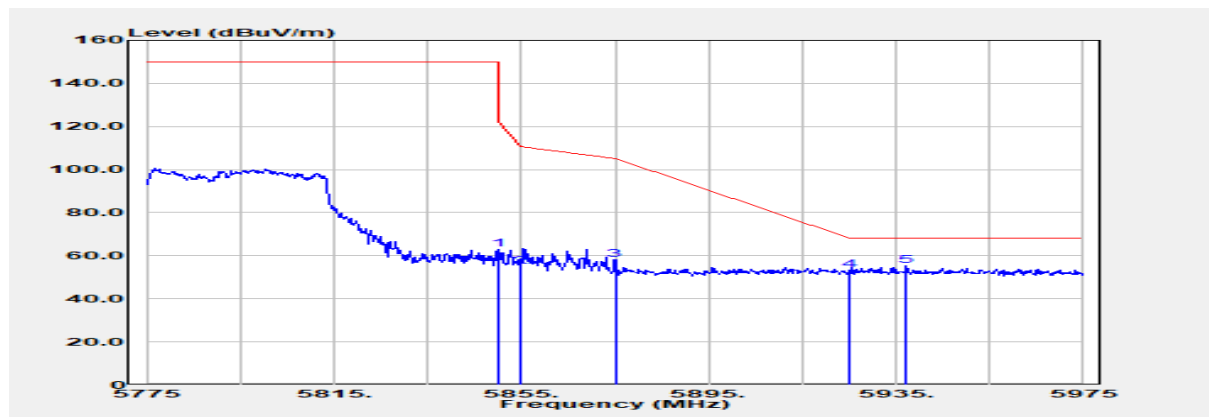
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5604.625	Peak	49.63	3.26	52.90	68.20	-15.30
5650.000	Peak	48.58	3.60	52.18	68.20	-16.02
5700.000	Peak	52.11	3.31	55.42	105.20	-49.78
5720.000	Peak	58.83	4.17	63.00	110.80	-47.80
5725.000	Peak	57.34	4.21	61.55	122.20	-60.65

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Report Number	:E2/2021/60023	Test Site	:966 Chamber G
Operation Mode	:802.11ac80 / Band 4	Test Date	:2021-06-24
Test Frequency	:5775 MHz	Temp./Humi.	:18.8/65
Test Mode	:BE CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Jack Tseng



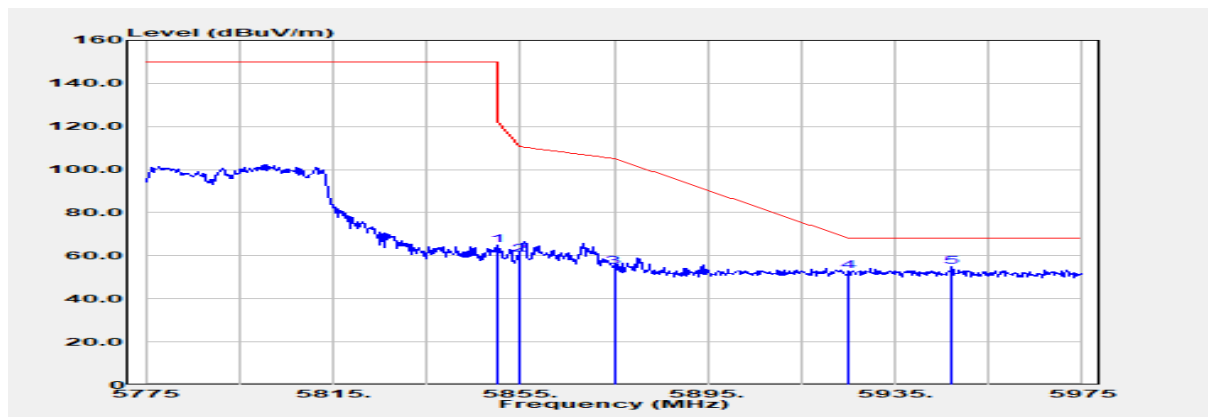
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	58.82	4.31	63.13	122.20	-59.07
5855.000	Peak	50.87	4.21	55.08	110.80	-55.72
5875.000	Peak	54.29	3.90	58.19	105.20	-47.01
5925.000	Peak	48.88	4.36	53.24	68.20	-14.96
5937.200	Peak	51.02	4.19	55.21	68.20	-12.99

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Report Number	:E2/2021/60023	Test Site	:966 Chamber G
Operation Mode	:802.11ac80 / Band 4	Test Date	:2021-06-24
Test Frequency	:5775 MHz	Temp./Humi.	:18.8/65
Test Mode	:BE CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Jack Tseng



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	60.55	4.31	64.86	122.20	-57.34
5855.000	Peak	56.42	4.21	60.63	110.80	-50.17
5875.000	Peak	51.13	3.90	55.03	105.20	-50.17
5925.000	Peak	48.45	4.36	52.81	68.20	-15.39
5947.200	Peak	50.76	4.07	54.83	68.20	-13.37

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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

According to §15.203, an intentional radiator shall be designed to ensure that no antenna other than furnished by the responsible party shall be used with the device.

According to §15.407, If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

13.2 Antenna Connected Construction

The antenna is designed with unique RF connector and no consideration of replacement. Please see EUT photo for details.

~ End of Report ~

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