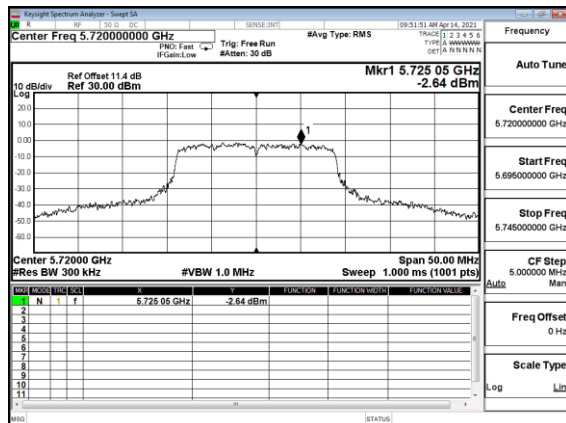
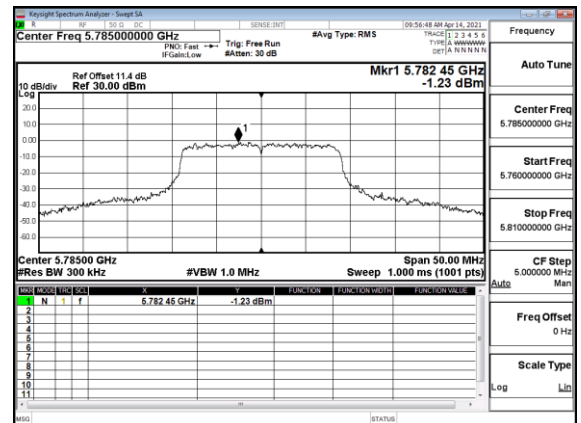


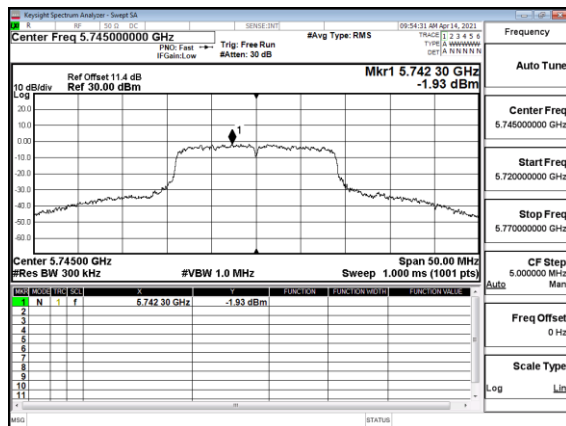
802.11n_20MHz_Chain0_5720MHz_UNII 3



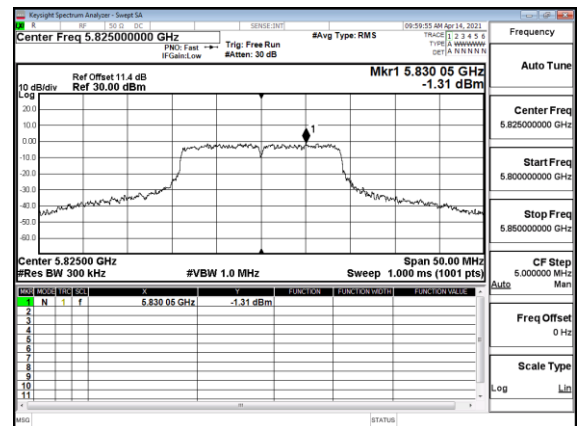
802.11n_20MHz_Chain0_5785MHz



802.11n_20MHz_Chain0_5745MHz



802.11n_20MHz_Chain0_5825MHz



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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: 68.3 (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
<p>*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.</p>		

$EIRP = (E \cdot d)^2 / 30$, 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.
2. Emission level (dBμV/m) = 20 log Emission level (μV/m)

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11.2 Measurement Equipment Used

Radiated Emission Test Site: SAC D					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Broadband Antenna	SCHWAZBECK	VULB 9168	9168-617	11/11/2020	11/10/2021
Horn Antenna	Schwarzbeck	BBHA9170	184	12/11/2020	12/10/2021
Horn Antenna	Schwarzbeck	BBHA9120D	1341	06/22/2020	06/21/2021
Loop Antenna	ETS.LINDGREN	6502	148045	10/19/2020	10/18/2021
Test Software	audix	e3	20923 sgs Ver.9	N.C.R	N.C.R
Spectrum Analyzer	KEYSIGHT	N9010A	MY57120200	03/22/2021	03/21/2022
DC Power Supply	DHA	DPS-3003	9.411E+09	08/19/2020	08/18/2021
Pre-Amplifier	EMC Instruments	EMC9135	980234	11/19/2020	11/18/2021
Pre-Amplifier	EMC Instruments	EMC12630SE	980271	11/19/2020	11/18/2021
Attenuator	Woken	WATT-218FS-10	RF03	11/19/2020	11/18/2021
Band Rejection Filter	Micro-Tronics	G015	RF198	11/19/2020	11/18/2021
Band Rejection Filter	Micro-Tronics	G016	RF199	11/19/2020	11/18/2021
Band Rejection Filter	Micro-Tronics	G021	RF200	11/19/2020	11/18/2021
Coaxial Cable	Huber+Suhner	RG 214/U	W21.01	11/19/2020	11/18/2021
Coaxial Cable	Huber Suhner	EMC106-SM-SM-7200	150703	11/19/2020	11/18/2021
Coaxial Cable	Huber Suhner	SUCOFLEX 104	MY17413/4	11/19/2020	11/18/2021

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

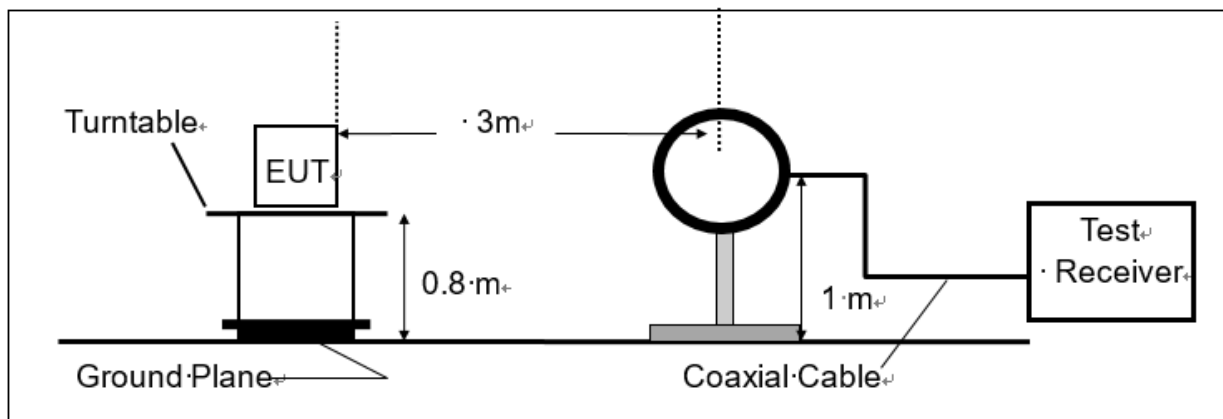
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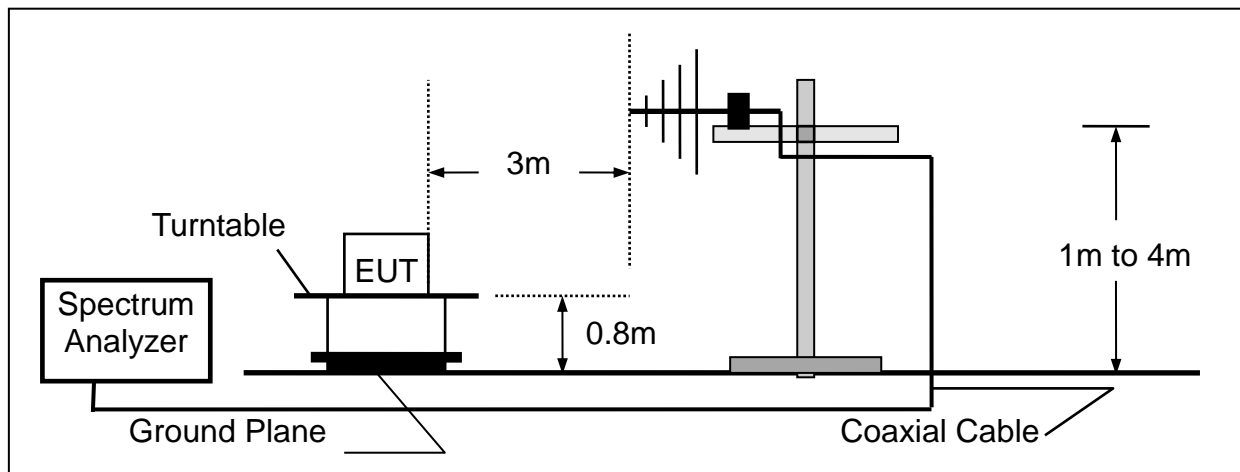
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11.3 Test SET-UP

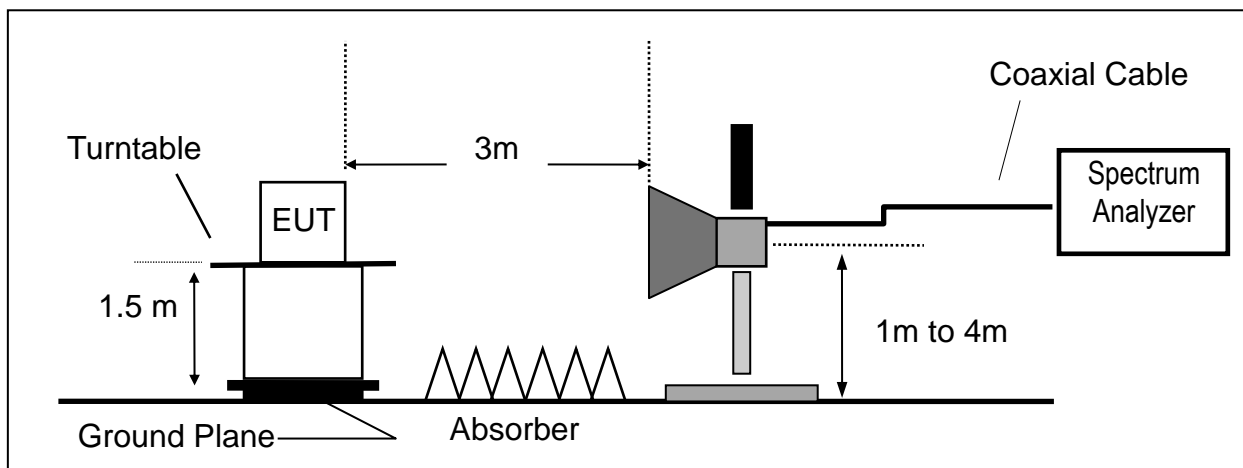
(A) Radiated Emission Test Set-UP Frequency Below 30MHz.



(B) Radiated Emission Test Set-UP, Frequency form 30MHz to 1000MHz



(C) Radiated Emission Test Set-UP Frequency Over 1 GHz



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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=120 kHz and VBW=300 kHz for Peak Detector (PK) and Quasi-peak (QP) at frequency below 1 GHz.
7. 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.
8. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
9. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
10. 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 form 9 KHz to 30 MHz

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

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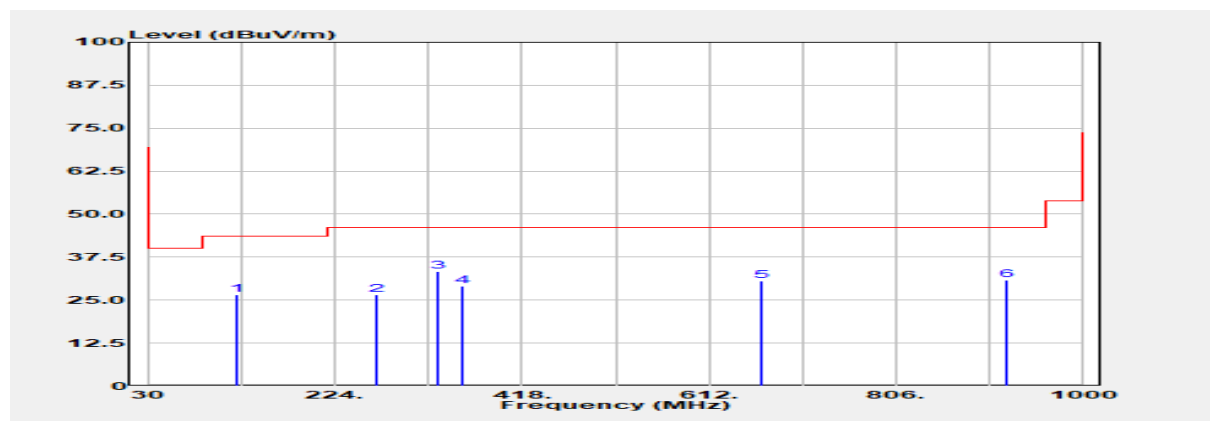
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11.7 Radiated Spurious Emission Measurement Result

11.7.1 Below 1GHz Worst-Case Data:

Report Number	:E2/2021/30066	Test Site	:966 Chamber D
Operation Mode	:802.11a / Band 1	Test Date	:2021-04-28
Test Frequency	:5220 MHz	Temp./Humi.	:22.7/56
Test Mode	:TX CH Mid	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
123.120	Peak	45.68	-19.02	26.65	43.50	-16.85
266.680	Peak	43.84	-17.26	26.58	46.00	-19.42
331.670	Peak	48.86	-15.40	33.46	46.00	-12.54
356.890	Peak	43.90	-14.82	29.08	46.00	-16.92
666.320	Peak	39.93	-9.30	30.63	46.00	-15.37
920.460	Peak	36.12	-5.30	30.82	46.00	-15.18

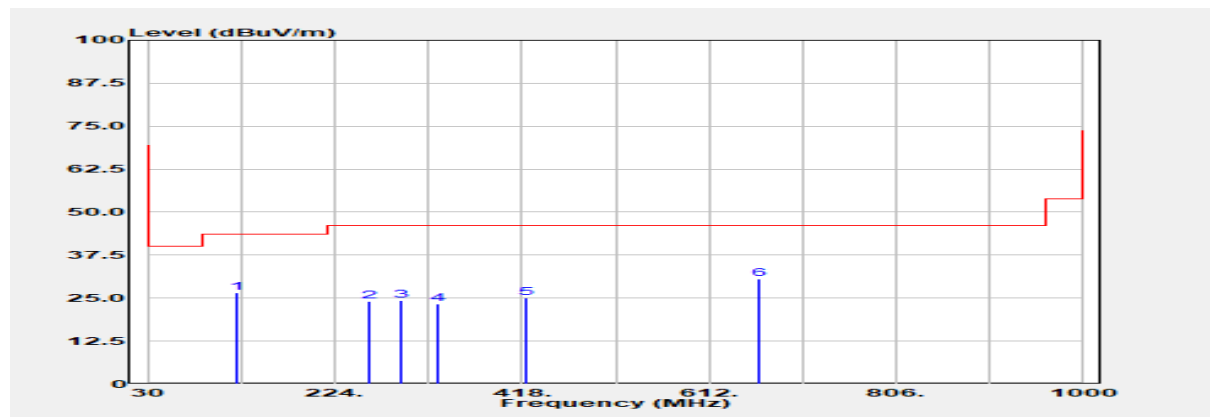
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 1
Test Frequency :5220 MHz
Test Mode :TX CH Mid
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-28
Temp./Humi. :22.7/56
Antenna Pol. :Vertical
Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
123.120	Peak	45.68	-19.02	26.65	43.50	-16.85
259.890	Peak	41.99	-17.91	24.07	46.00	-21.93
291.900	Peak	40.59	-16.33	24.26	46.00	-21.74
331.670	Peak	38.81	-15.40	23.40	46.00	-22.60
421.880	Peak	38.27	-13.09	25.18	46.00	-20.82
663.410	Peak	40.20	-9.51	30.70	46.00	-15.30

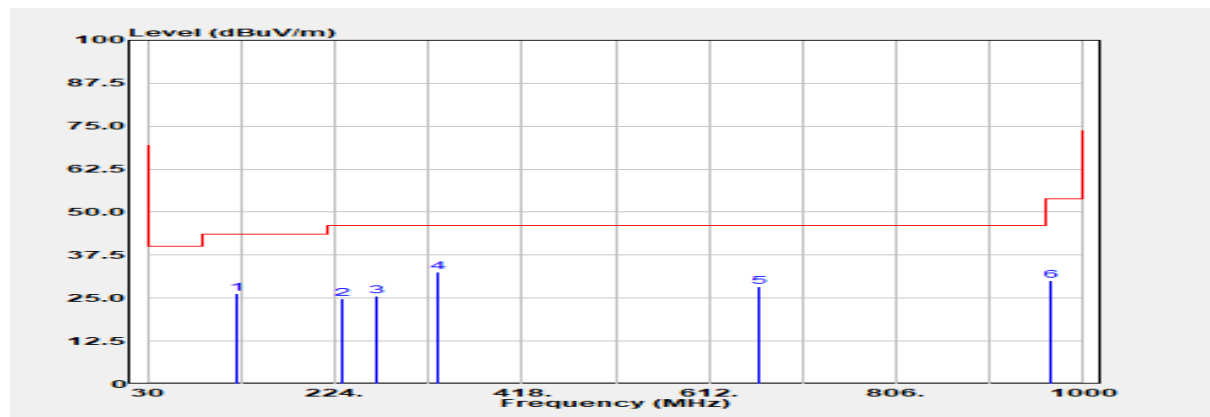
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 2
Test Frequency :5300 MHz
Test Mode :TX CH Mid
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-28
Temp./Humi. :22.7/56
Antenna Pol. :Horizontal
Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
123.120	Peak	45.24	-19.02	26.22	43.50	-17.28
232.730	Peak	43.98	-19.19	24.79	46.00	-21.21
266.680	Peak	42.77	-17.26	25.51	46.00	-20.49
331.670	Peak	48.00	-15.40	32.60	46.00	-13.40
663.410	Peak	37.76	-9.51	28.25	46.00	-17.75
967.020	Peak	34.46	-4.40	30.06	54.00	-23.94

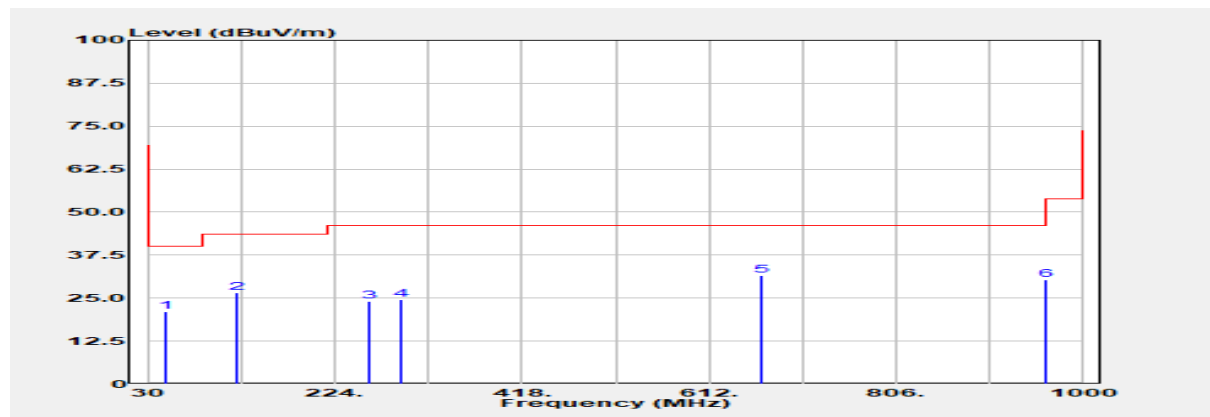
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 2
Test Frequency :5300 MHz
Test Mode :TX CH Mid
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-28
Temp./Humi. :22.7/56
Antenna Pol. :Vertical
Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
49.400	Peak	38.75	-17.68	21.07	40.00	-18.93
123.120	Peak	45.47	-19.02	26.44	43.50	-17.06
259.890	Peak	41.93	-17.91	24.01	46.00	-21.99
291.900	Peak	40.86	-16.33	24.53	46.00	-21.47
666.320	Peak	40.80	-9.30	31.50	46.00	-14.50
962.170	Peak	35.07	-4.85	30.22	54.00	-23.78

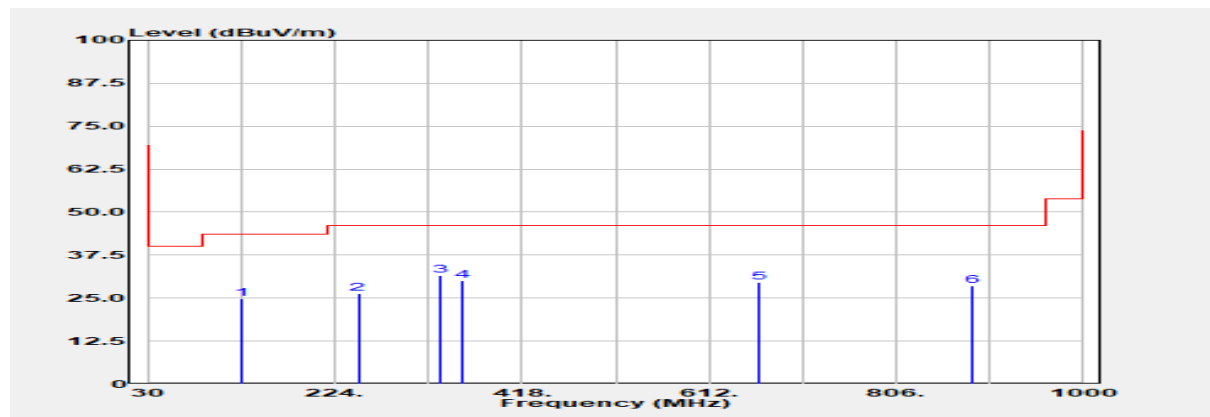
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 3
Test Frequency :5580 MHz
Test Mode :TX CH Mid
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-28
Temp./Humi. :22.7/56
Antenna Pol. :Horizontal
Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
127.970	Peak	43.33	-18.55	24.78	43.50	-18.72
248.250	Peak	44.39	-18.19	26.19	46.00	-19.81
333.610	Peak	47.17	-15.48	31.70	46.00	-14.30
355.920	Peak	44.77	-14.76	30.01	46.00	-15.99
663.410	Peak	39.00	-9.51	29.50	46.00	-16.50
884.570	Peak	33.94	-5.46	28.47	46.00	-17.53

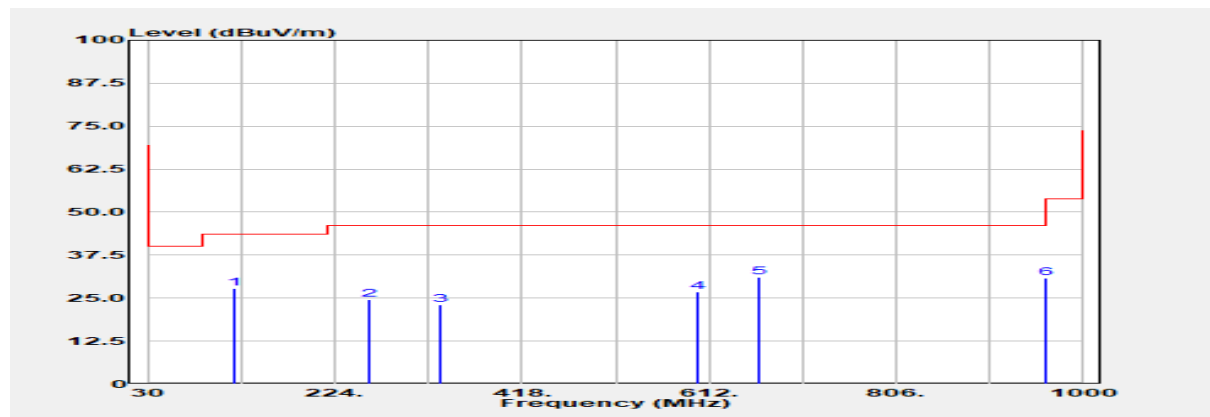
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 3
Test Frequency :5580 MHz
Test Mode :TX CH Mid
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-28
Temp./Humi. :22.7/56
Antenna Pol. :Vertical
Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
120.210	Peak	47.04	-19.27	27.77	43.50	-15.73
258.920	Peak	42.55	-17.88	24.67	46.00	-21.33
333.610	Peak	38.43	-15.48	22.95	46.00	-23.05
599.390	Peak	35.65	-8.89	26.76	46.00	-19.24
663.410	Peak	40.51	-9.51	31.00	46.00	-15.00
961.200	Peak	35.65	-4.87	30.78	54.00	-23.22

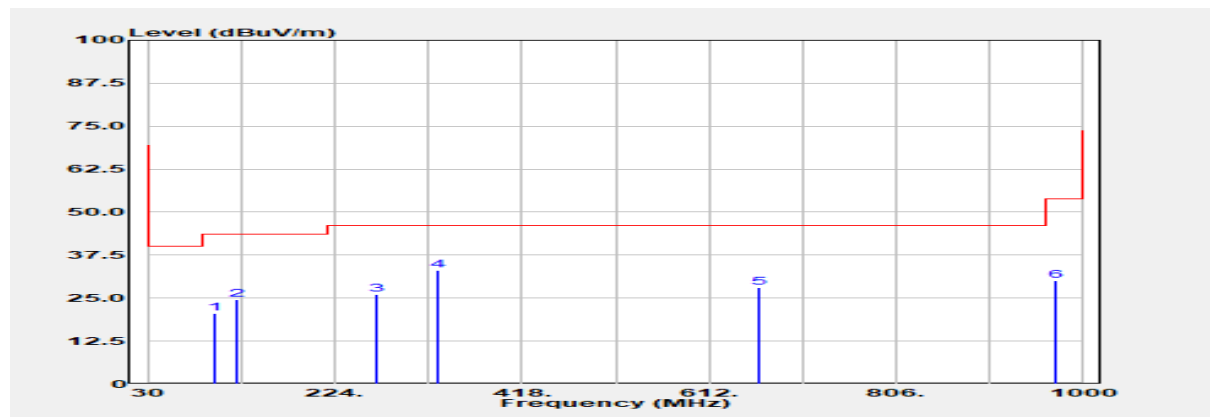
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 4
Test Frequency :5785 MHz
Test Mode :TX CH Mid
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-28
Temp./Humi. :22.7/56
Antenna Pol. :Horizontal
Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
98.870	Peak	43.06	-22.39	20.67	43.50	-22.83
122.150	Peak	43.69	-19.03	24.66	43.50	-18.84
266.680	Peak	43.36	-17.26	26.10	46.00	-19.90
331.670	Peak	48.52	-15.40	33.12	46.00	-12.88
663.410	Peak	37.61	-9.51	28.11	46.00	-17.89
970.900	Peak	34.05	-3.94	30.11	54.00	-23.89

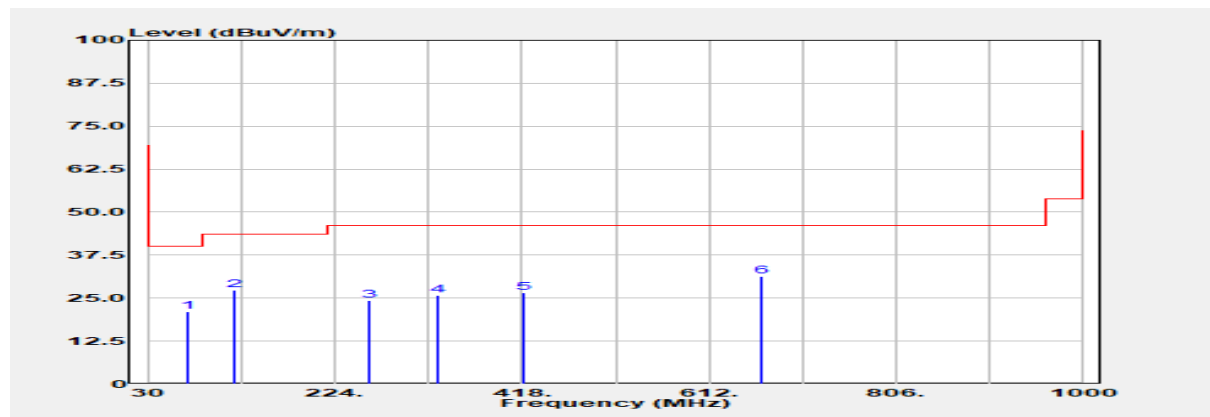
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 4
Test Frequency :5785 MHz
Test Mode :TX CH Mid
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-28
Temp./Humi. :22.7/56
Antenna Pol. :Vertical
Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
70.740	Peak	40.43	-19.32	21.11	40.00	-18.89
120.210	Peak	46.51	-19.27	27.24	43.50	-16.26
259.890	Peak	42.21	-17.91	24.30	46.00	-21.70
331.670	Peak	41.34	-15.40	25.93	46.00	-20.07
420.910	Peak	39.69	-13.23	26.46	46.00	-19.54
666.320	Peak	40.50	-9.30	31.20	46.00	-14.80

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11.7.2 Above 1GHz Worst-Case Data:

Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11a / Band 1

Test Date :2021-04-27

Test Frequency :5180 MHz

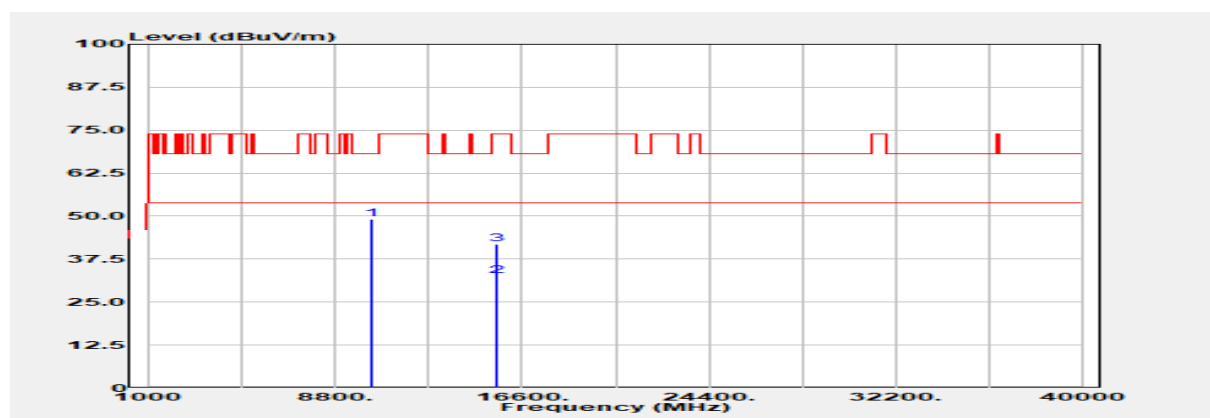
Temp./Humi. :21.2/60

Test Mode :TX CH Low

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10360.000	Peak	41.26	7.86	49.11	68.20	-19.09
15540.000	Average	26.15	6.42	32.57	54.00	-21.43
15540.000	Peak	35.44	6.42	41.86	74.00	-32.14

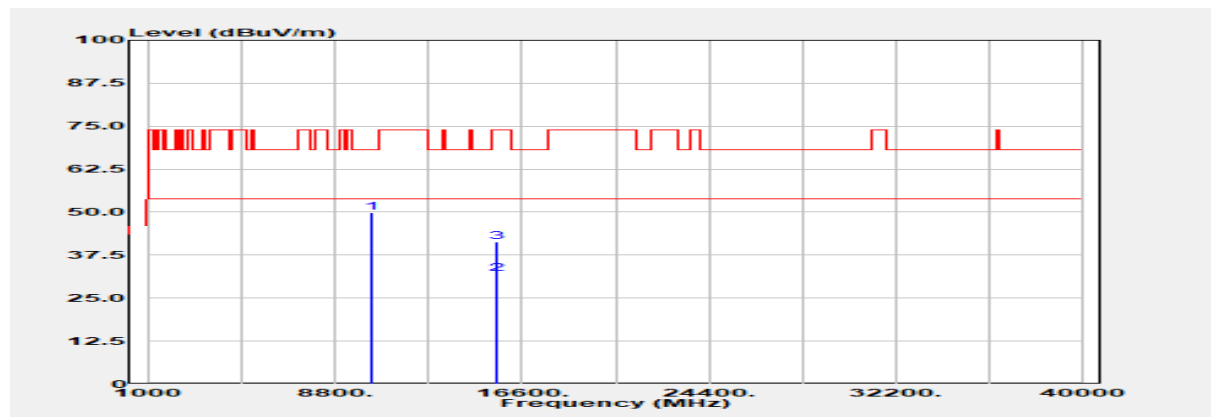
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 1
Test Frequency :5180 MHz
Test Mode :TX CH Low
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-27
Temp./Humi. :21.2/60
Antenna Pol. :Vertical
Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10360.000	Peak	41.91	7.86	49.77	68.20	-18.43
15540.000	Average	25.63	6.42	32.05	54.00	-21.95
15540.000	Peak	34.85	6.42	41.27	74.00	-32.73

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11a / Band 1

Test Date :2021-04-27

Test Frequency :5220 MHz

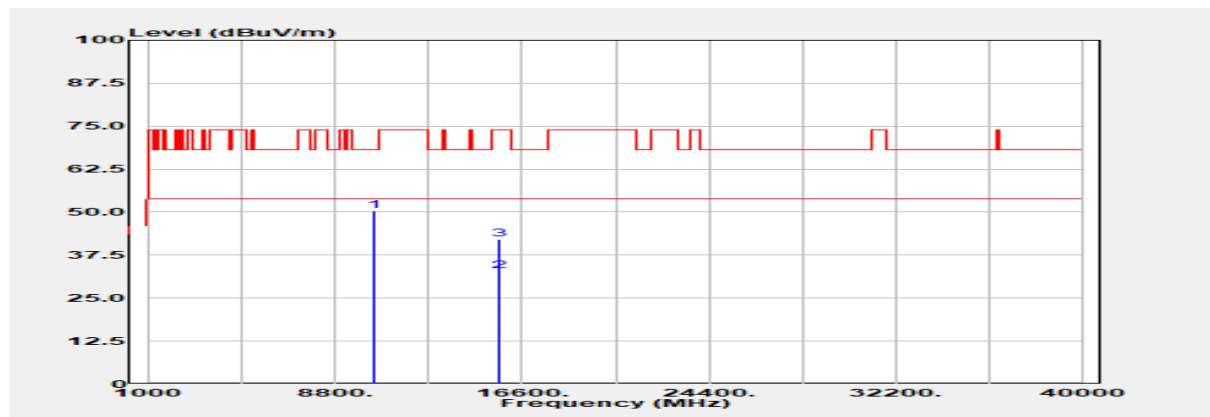
Temp./Humi. :21.2/60

Test Mode :TX CH Mid

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10440.000	Peak	42.34	7.95	50.28	68.20	-17.92
15660.000	Average	26.53	6.36	32.89	54.00	-21.11
15660.000	Peak	35.83	6.36	42.19	74.00	-31.81

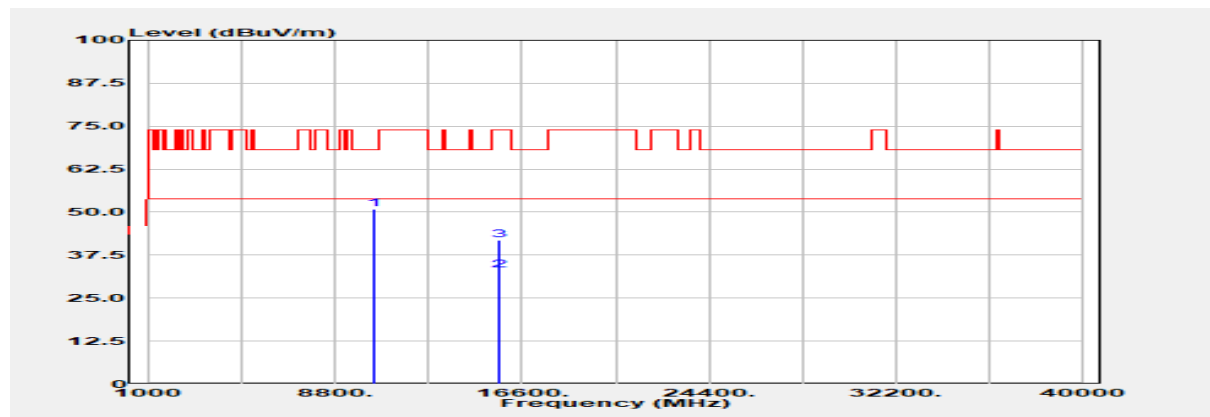
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 1
Test Frequency :5220 MHz
Test Mode :TX CH Mid
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-27
Temp./Humi. :21.2/60
Antenna Pol. :Vertical
Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10440.000	Peak	43.01	7.95	50.96	68.20	-17.24
15660.000	Average	26.71	6.36	33.07	54.00	-20.93
15660.000	Peak	35.49	6.36	41.85	74.00	-32.15

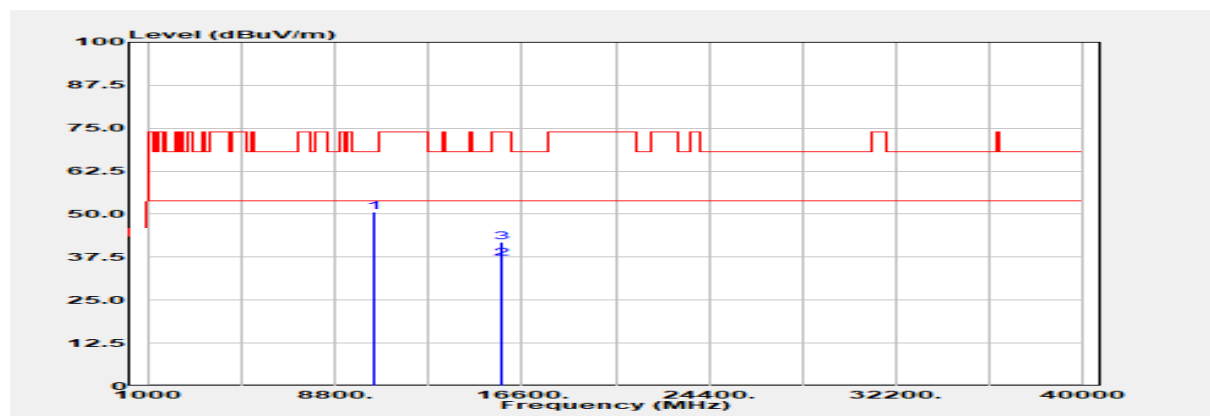
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 1
Test Frequency :5240 MHz
Test Mode :TX CH High
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-27
Temp./Humi. :21.2/60
Antenna Pol. :Horizontal
Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10480.000	Peak	43.34	7.28	50.62	68.20	-17.58
15720.000	Average	30.99	6.22	37.21	54.00	-16.79
15720.000	Peak	35.76	6.22	41.98	74.00	-32.02

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11a / Band 1

Test Date :2021-04-27

Test Frequency :5240 MHz

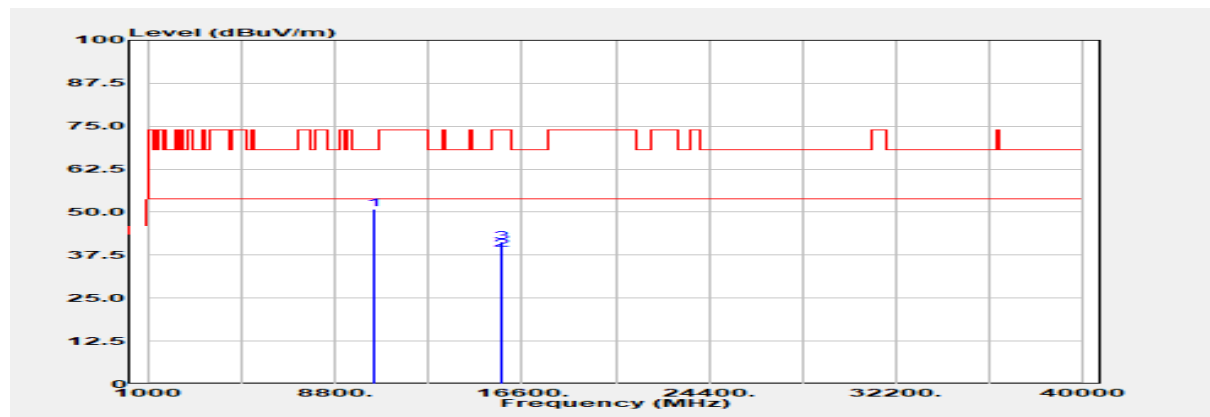
Temp./Humi. :21.2/60

Test Mode :TX CH High

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10480.000	Peak	43.72	7.28	51.00	68.20	-17.20
15720.000	Average	32.98	6.22	39.20	54.00	-14.80
15720.000	Peak	35.17	6.22	41.39	74.00	-32.61

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11a / Band 2

Test Date :2021-04-27

Test Frequency :5260 MHz

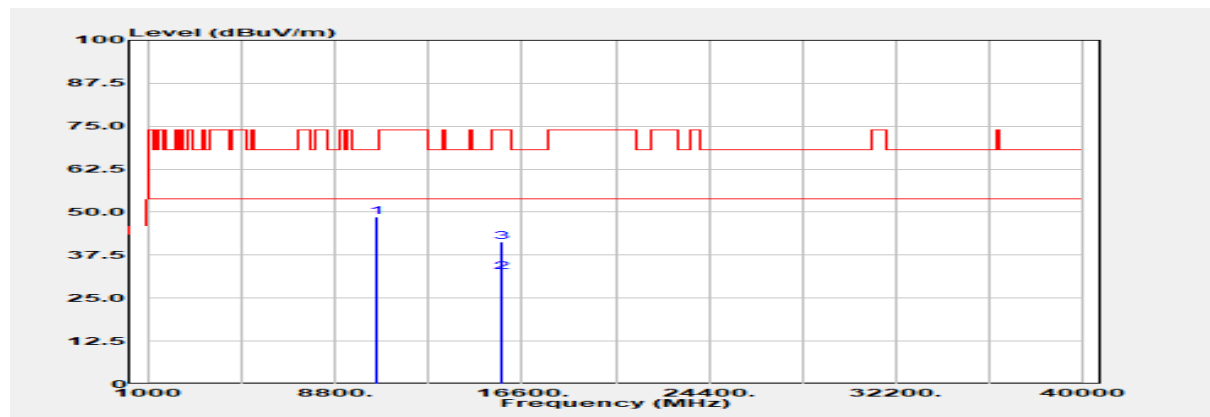
Temp./Humi. :21.2/60

Test Mode :TX CH Low

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10520.000	Peak	41.73	6.79	48.53	68.20	-19.67
15780.000	Average	27.26	5.30	32.56	54.00	-21.44
15780.000	Peak	36.04	5.30	41.34	74.00	-32.66

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11a / Band 2

Test Date :2021-04-27

Test Frequency :5260 MHz

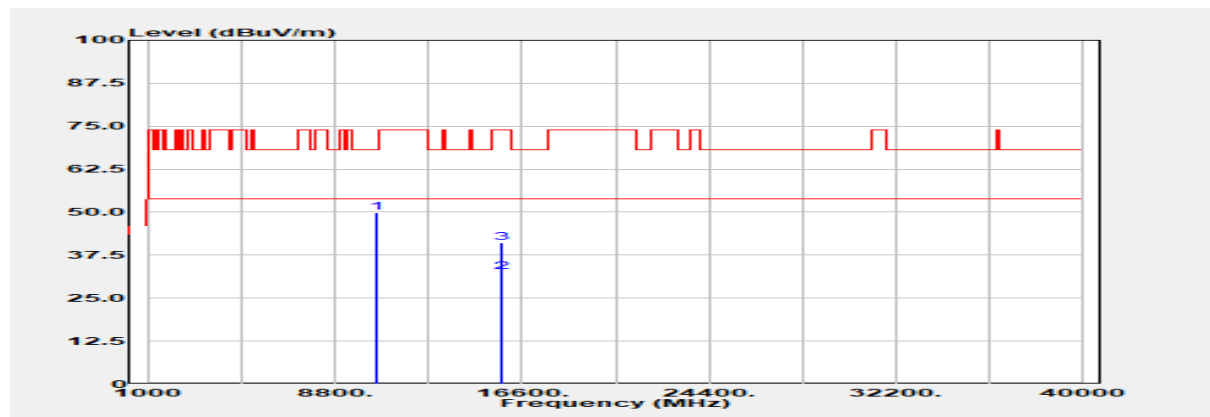
Temp./Humi. :21.2/60

Test Mode :TX CH Low

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10520.000	Peak	43.14	6.79	49.94	68.20	-18.26
15780.000	Average	27.17	5.30	32.47	54.00	-21.53
15780.000	Peak	35.80	5.30	41.10	74.00	-32.90

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11a / Band 2

Test Date :2021-04-27

Test Frequency :5300 MHz

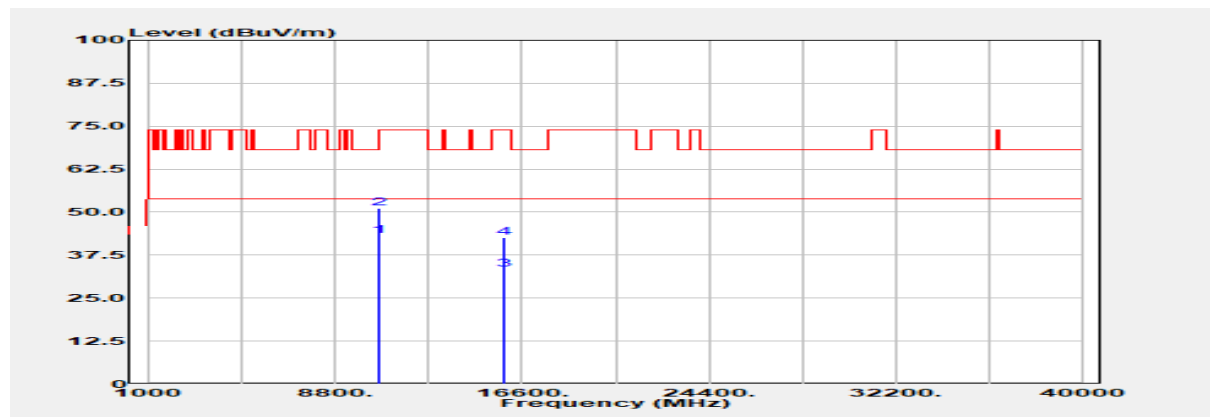
Temp./Humi. :21.2/60

Test Mode :TX CH Mid

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10600.000	Average	35.81	7.20	43.01	54.00	-10.99
10600.000	Peak	43.94	7.20	51.15	74.00	-22.85
15900.000	Average	27.57	5.87	33.44	54.00	-20.56
15900.000	Peak	36.62	5.87	42.49	74.00	-31.51

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11a / Band 2

Test Date :2021-04-27

Test Frequency :5300 MHz

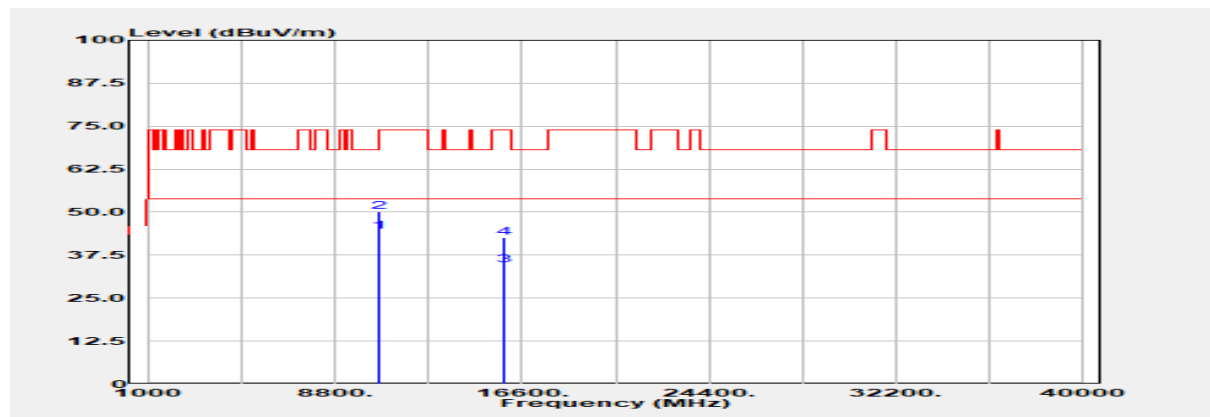
Temp./Humi. :21.2/60

Test Mode :TX CH Mid

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10600.000	Average	37.19	7.20	44.39	54.00	-9.61
10600.000	Peak	42.92	7.20	50.12	74.00	-23.88
15900.000	Average	28.67	5.87	34.54	54.00	-19.46
15900.000	Peak	36.83	5.87	42.70	74.00	-31.30

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11a / Band 2

Test Date :2021-04-27

Test Frequency :5320 MHz

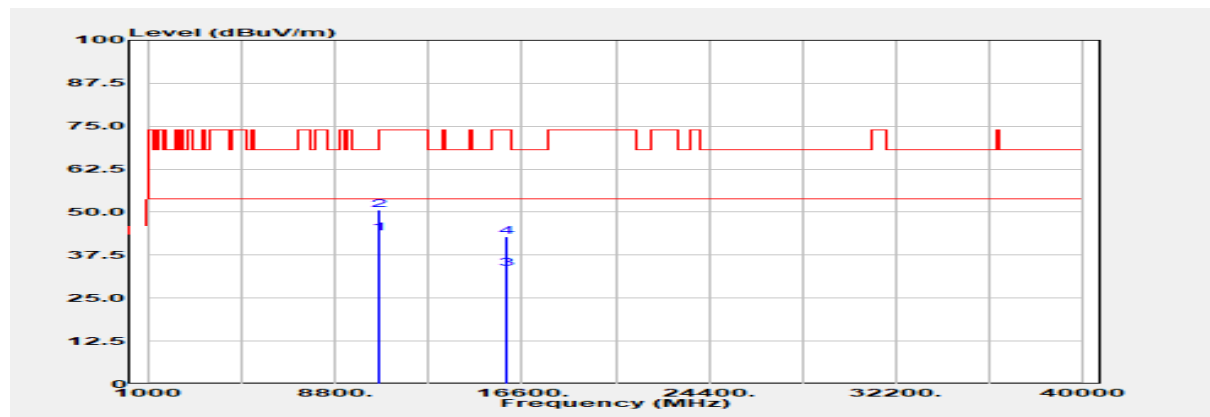
Temp./Humi. :21.2/60

Test Mode :TX CH High

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10640.000	Average	36.52	7.26	43.78	54.00	-10.22
10640.000	Peak	43.43	7.26	50.69	74.00	-23.31
15960.000	Average	27.55	5.97	33.52	54.00	-20.48
15960.000	Peak	37.00	5.97	42.97	74.00	-31.03

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11a / Band 2

Test Date :2021-04-27

Test Frequency :5320 MHz

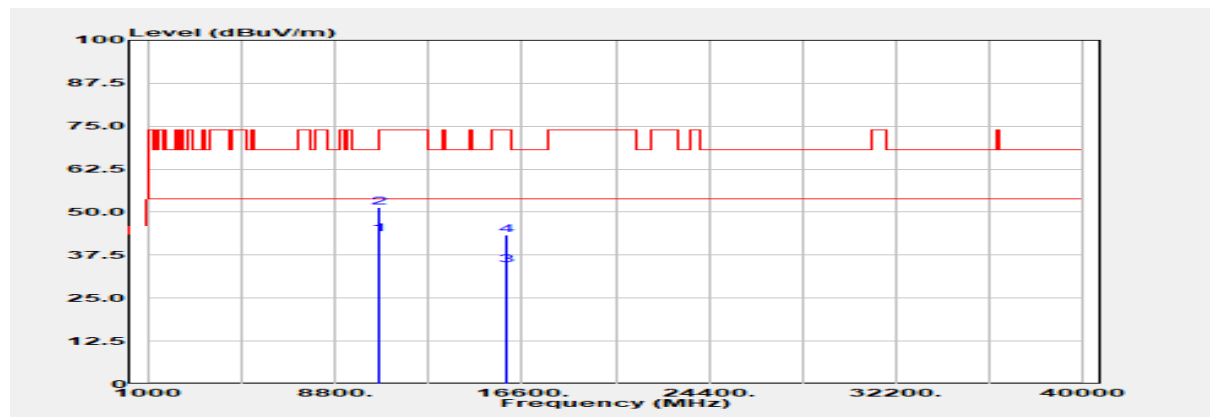
Temp./Humi. :21.2/60

Test Mode :TX CH High

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10640.000	Average	36.44	7.26	43.70	54.00	-10.30
10640.000	Peak	44.02	7.26	51.28	74.00	-22.72
15960.000	Average	28.54	5.97	34.51	54.00	-19.49
15960.000	Peak	37.38	5.97	43.35	74.00	-30.65

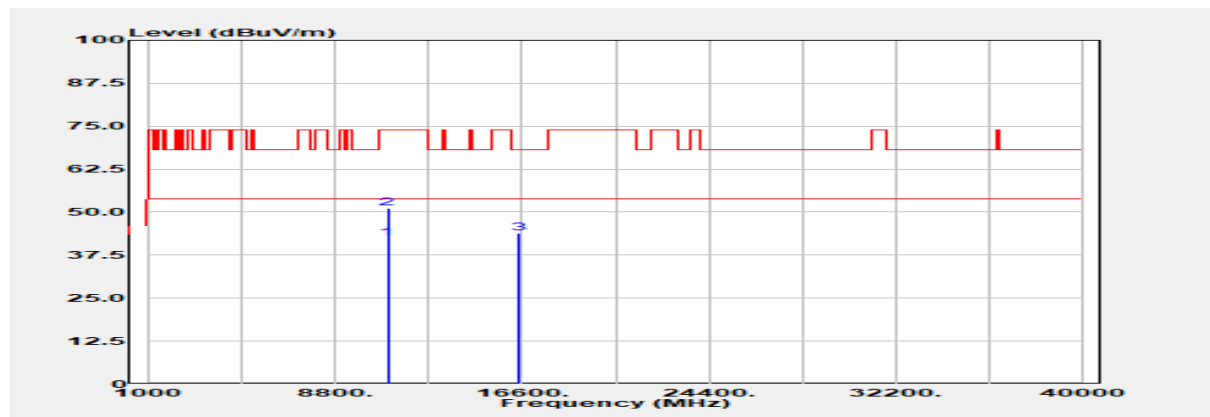
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 3
Test Frequency :5500 MHz
Test Mode :TX CH Low
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-27
Temp./Humi. :21.2/60
Antenna Pol. :Horizontal
Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11000.000	Average	33.94	8.48	42.42	54.00	-11.58
11000.000	Peak	42.65	8.48	51.13	74.00	-22.87
16500.000	Peak	36.91	6.99	43.91	68.20	-24.29

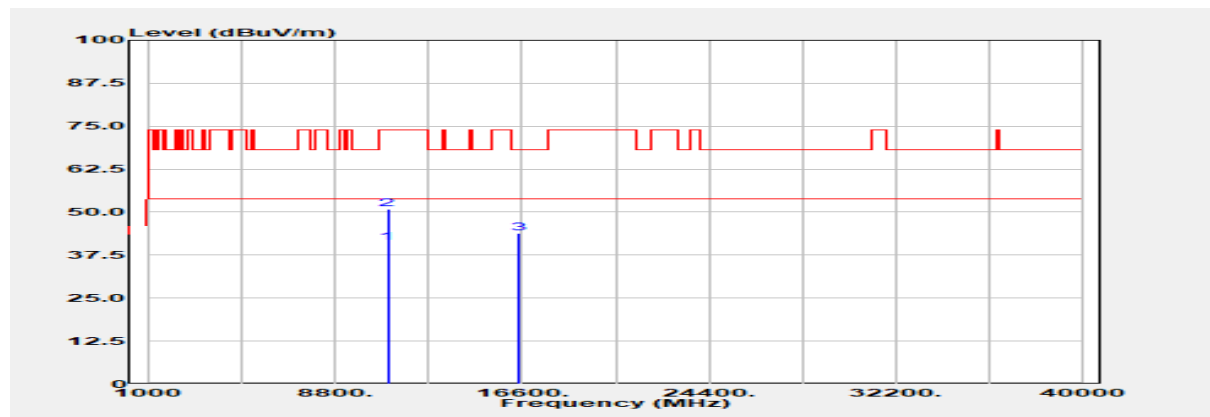
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Report Number :E2/2021/30066
 Operation Mode :802.11a / Band 3
 Test Frequency :5500 MHz
 Test Mode :TX CH Low
 EUT Pol :E2 Plane

Test Site :966 Chamber D
 Test Date :2021-04-27
 Temp./Humi. :21.2/60
 Antenna Pol. :Vertical
 Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11000.000	Average	32.69	8.48	41.17	54.00	-12.83
11000.000	Peak	42.50	8.48	50.98	74.00	-23.02
16500.000	Peak	36.81	6.99	43.80	68.20	-24.40

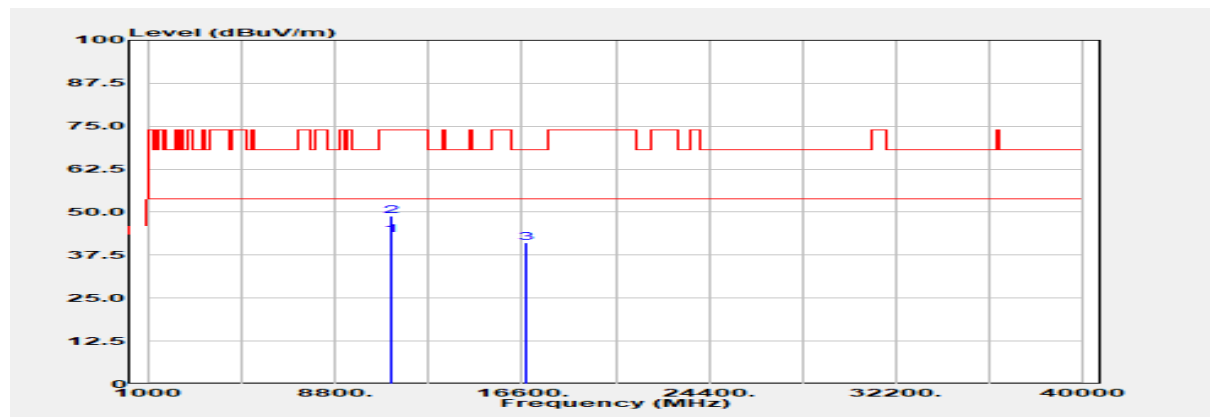
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 3
Test Frequency :5580 MHz
Test Mode :TX CH Mid
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-27
Temp./Humi. :21.2/60
Antenna Pol. :Horizontal
Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11160.000	Average	35.40	7.85	43.25	54.00	-10.75
11160.000	Peak	41.07	7.85	48.92	74.00	-25.08
16740.000	Peak	33.47	7.53	41.00	68.20	-27.20

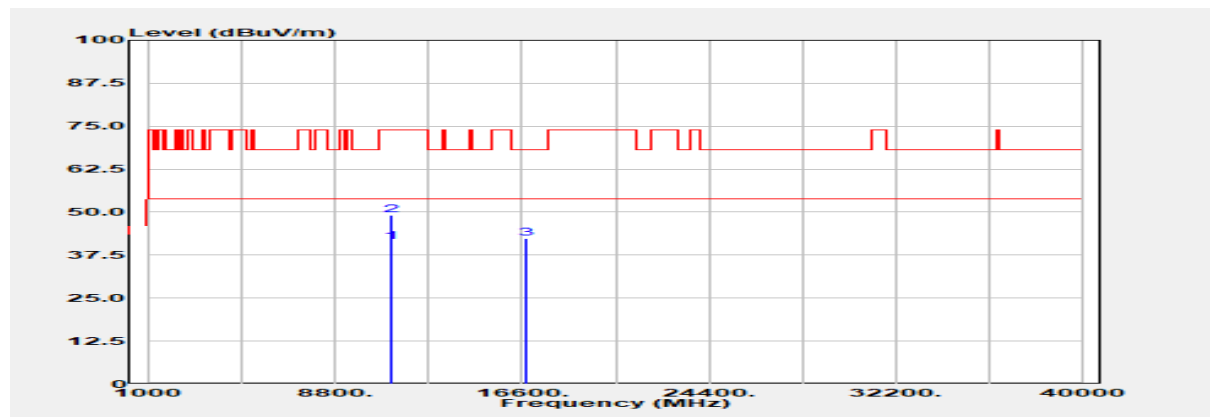
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 3
Test Frequency :5580 MHz
Test Mode :TX CH Mid
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-27
Temp./Humi. :21.2/60
Antenna Pol. :Vertical
Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11160.000	Average	33.51	7.85	41.36	54.00	-12.64
11160.000	Peak	41.24	7.85	49.09	74.00	-24.91
16740.000	Peak	34.74	7.53	42.27	68.20	-25.93

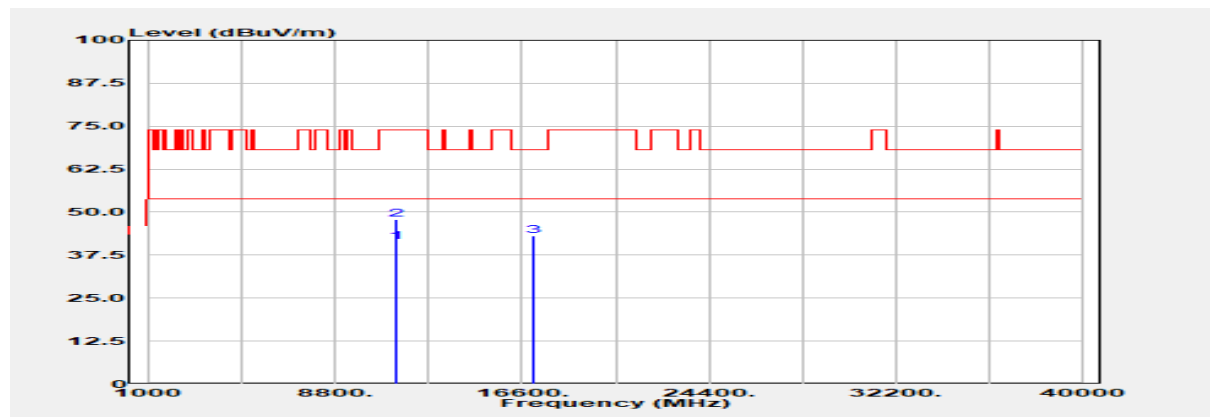
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 3
Test Frequency :5700 MHz
Test Mode :TX CH High
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-27
Temp./Humi. :21.2/60
Antenna Pol. :Horizontal
Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11400.000	Average	33.01	8.45	41.46	54.00	-12.54
11400.000	Peak	39.45	8.45	47.90	74.00	-26.10
17100.000	Peak	34.02	8.99	43.01	68.20	-25.19

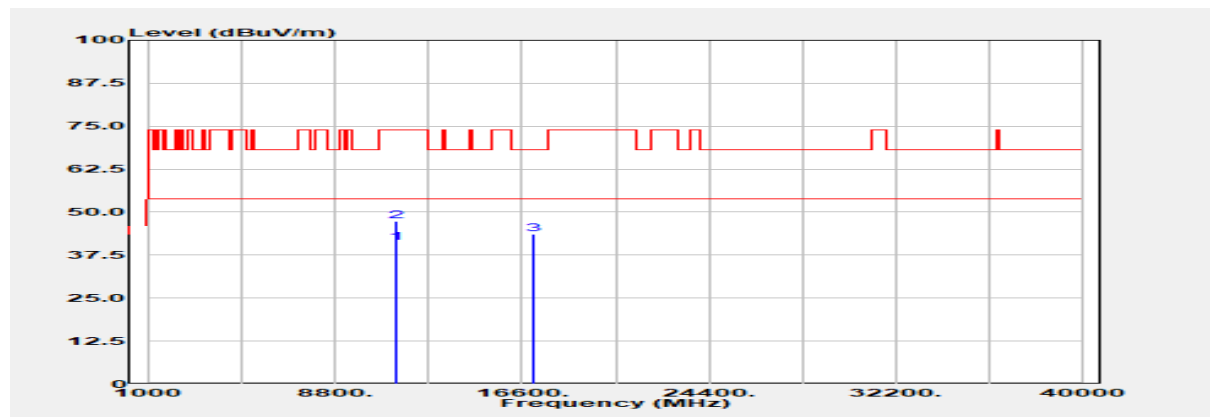
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 3
Test Frequency :5700 MHz
Test Mode :TX CH High
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-27
Temp./Humi. :21.2/60
Antenna Pol. :Vertical
Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11400.000	Average	32.61	8.45	41.06	54.00	-12.94
11400.000	Peak	38.85	8.45	47.30	74.00	-26.70
17100.000	Peak	34.71	8.99	43.69	68.20	-24.51

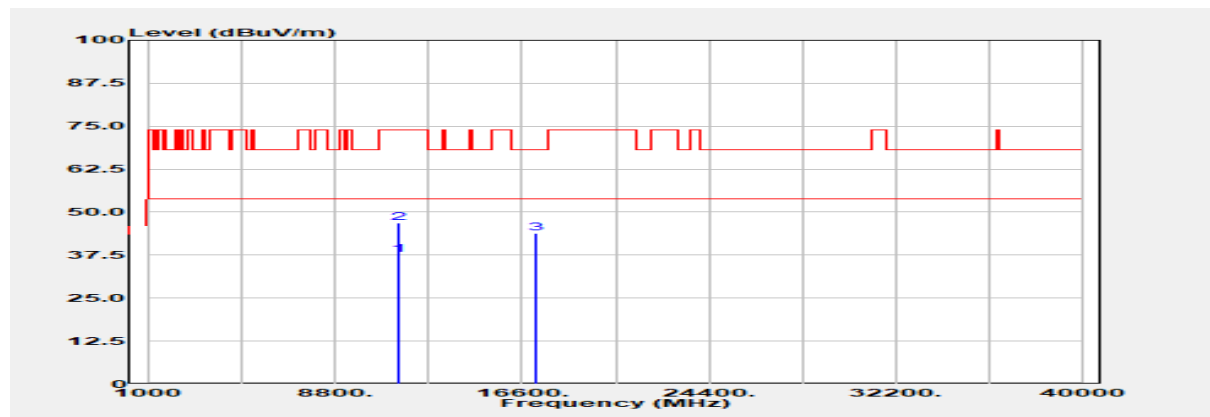
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 3
Test Frequency :5720 MHz
Test Mode :TX CH High
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-27
Temp./Humi. :21.2/60
Antenna Pol. :Horizontal
Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11440.000	Average	28.96	8.54	37.50	54.00	-16.50
11440.000	Peak	38.30	8.54	46.83	74.00	-27.17
17160.000	Peak	34.56	9.35	43.92	68.20	-24.28

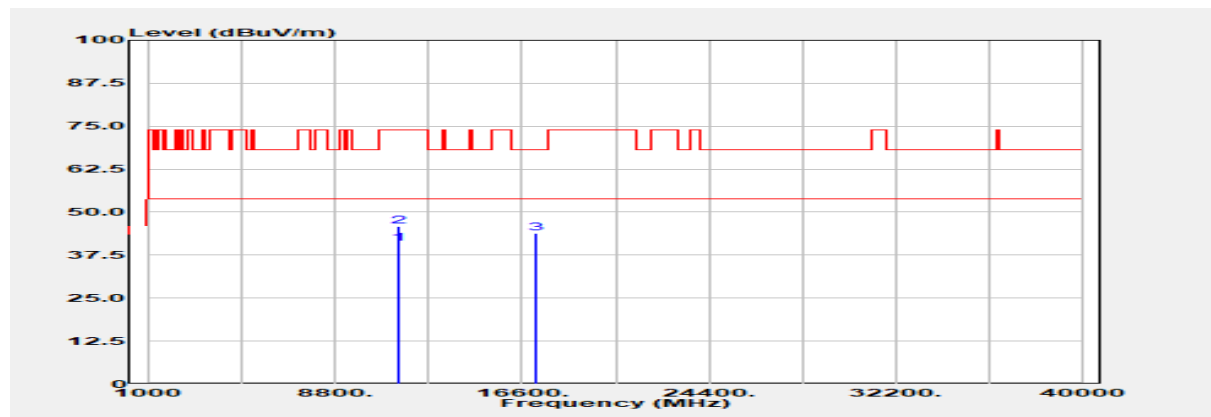
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 3
Test Frequency :5720 MHz
Test Mode :TX CH High
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-27
Temp./Humi. :21.2/60
Antenna Pol. :Vertical
Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11440.000	Average	32.23	8.54	40.77	54.00	-13.23
11440.000	Peak	37.25	8.54	45.79	74.00	-28.21
17160.000	Peak	34.47	9.35	43.82	68.20	-24.38

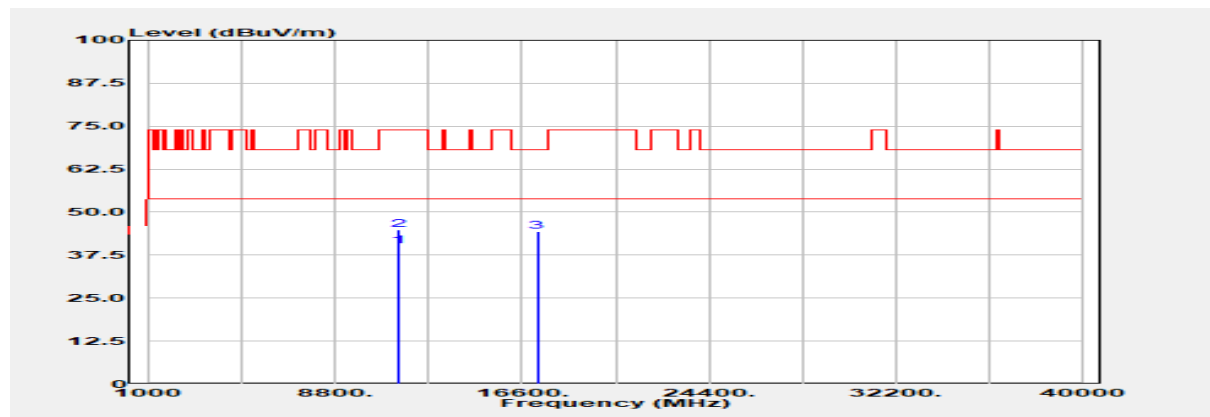
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 4
Test Frequency :5745 MHz
Test Mode :TX CH Low
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-27
Temp./Humi. :21.2/60
Antenna Pol. :Horizontal
Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11490.000	Average	31.08	8.99	40.07	54.00	-13.93
11490.000	Peak	35.80	8.99	44.79	74.00	-29.21
17235.000	Peak	34.51	9.83	44.34	68.20	-23.86

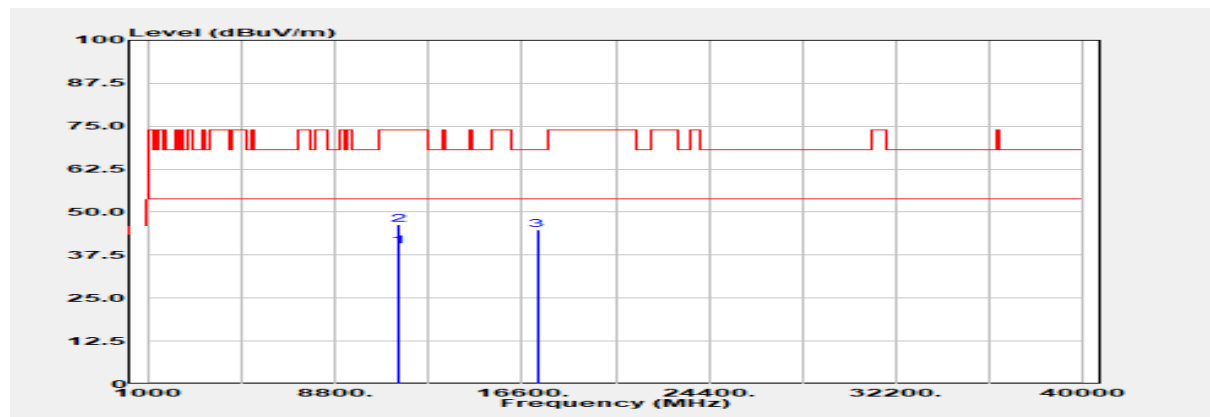
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 4
Test Frequency :5745 MHz
Test Mode :TX CH Low
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-27
Temp./Humi. :21.2/60
Antenna Pol. :Vertical
Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11490.000	Average	31.10	8.99	40.09	54.00	-13.91
11490.000	Peak	37.27	8.99	46.26	74.00	-27.74
17235.000	Peak	34.96	9.83	44.78	68.20	-23.42

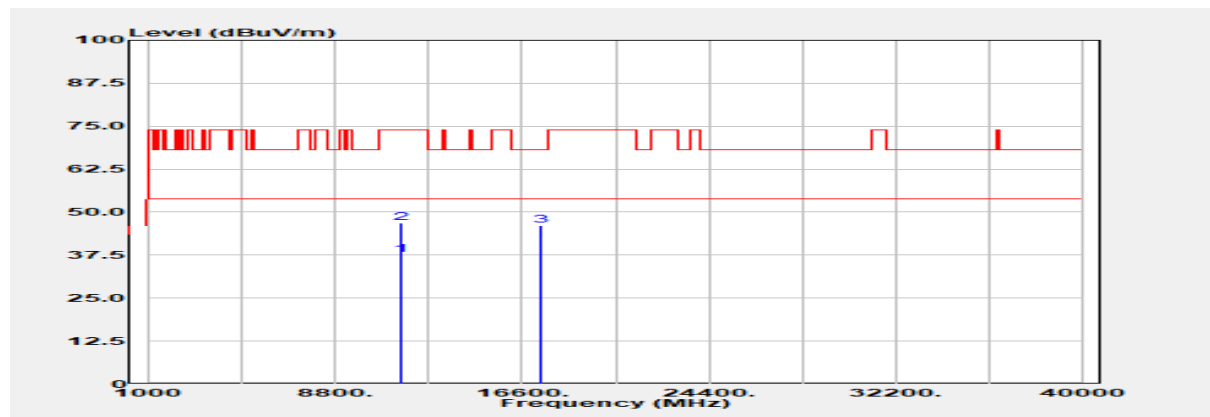
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 4
Test Frequency :5785 MHz
Test Mode :TX CH Mid
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-27
Temp./Humi. :21.2/60
Antenna Pol. :Horizontal
Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11570.000	Average	28.94	8.65	37.59	54.00	-16.41
11570.000	Peak	38.29	8.65	46.94	74.00	-27.06
17355.000	Peak	35.57	10.62	46.19	68.20	-22.01

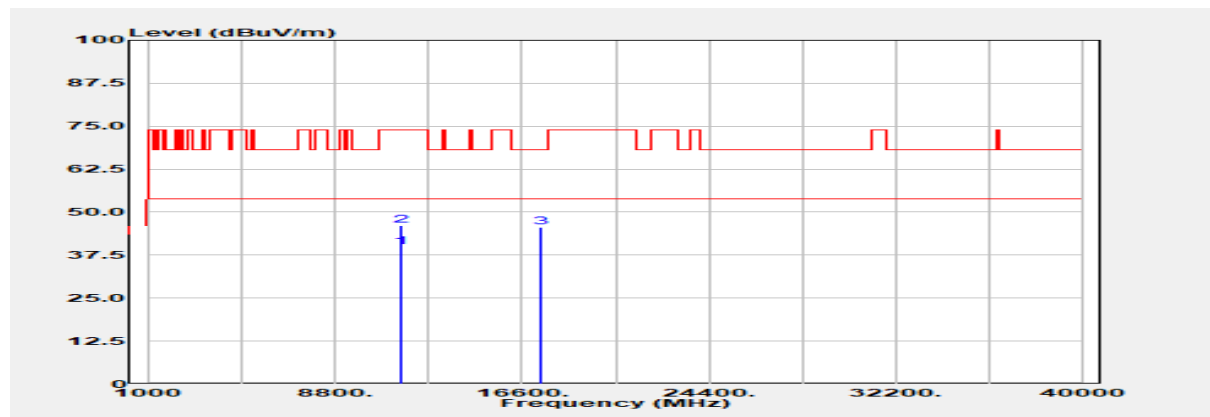
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Report Number :E2/2021/30066
 Operation Mode :802.11a / Band 4
 Test Frequency :5785 MHz
 Test Mode :TX CH Mid
 EUT Pol :E2 Plane

Test Site :966 Chamber D
 Test Date :2021-04-27
 Temp./Humi. :21.2/60
 Antenna Pol. :Vertical
 Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11570.000	Average	31.16	8.65	39.81	54.00	-14.19
11570.000	Peak	37.53	8.65	46.18	74.00	-27.82
17355.000	Peak	34.95	10.62	45.58	68.20	-22.62

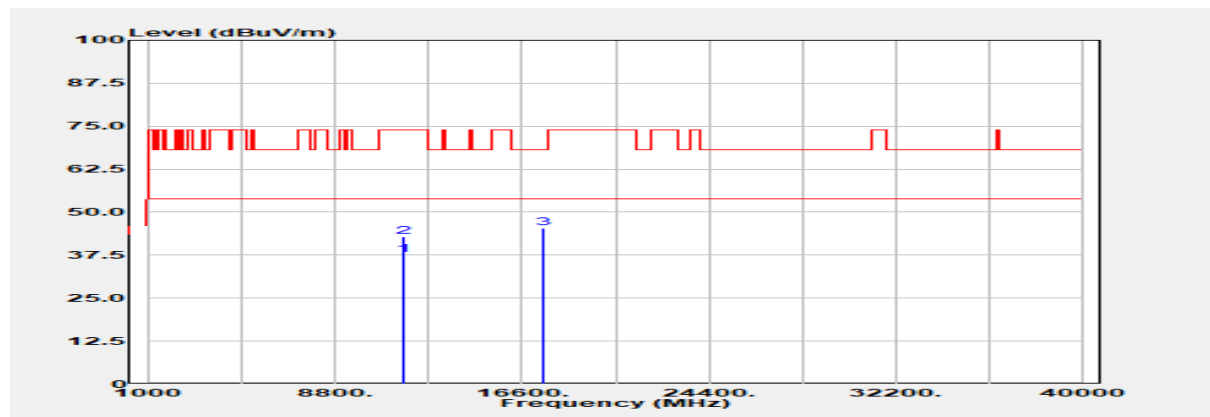
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 4
Test Frequency :5825 MHz
Test Mode :TX CH High
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-27
Temp./Humi. :21.2/60
Antenna Pol. :Horizontal
Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11650.000	Average	29.57	8.07	37.64	54.00	-16.36
11650.000	Peak	34.68	8.07	42.75	74.00	-31.25
17475.000	Peak	33.52	11.73	45.25	68.20	-22.95

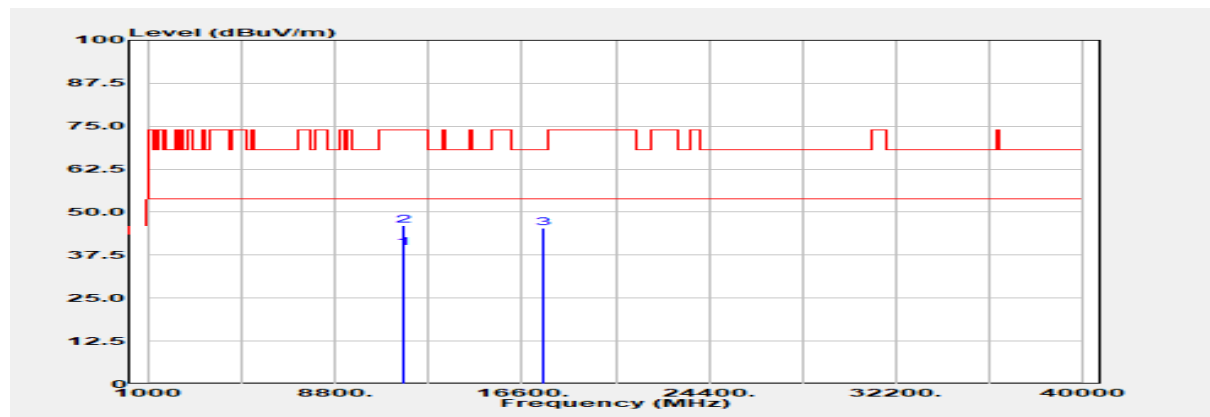
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Report Number :E2/2021/30066
Operation Mode :802.11a / Band 4
Test Frequency :5825 MHz
Test Mode :TX CH High
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-27
Temp./Humi. :21.2/60
Antenna Pol. :Vertical
Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11650.000	Average	31.60	8.07	39.67	54.00	-14.33
11650.000	Peak	37.93	8.07	46.00	74.00	-28.00
17450.000	Peak	33.73	11.64	45.37	68.20	-22.83

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 1

Test Date :2021-04-27

Test Frequency :5180 MHz

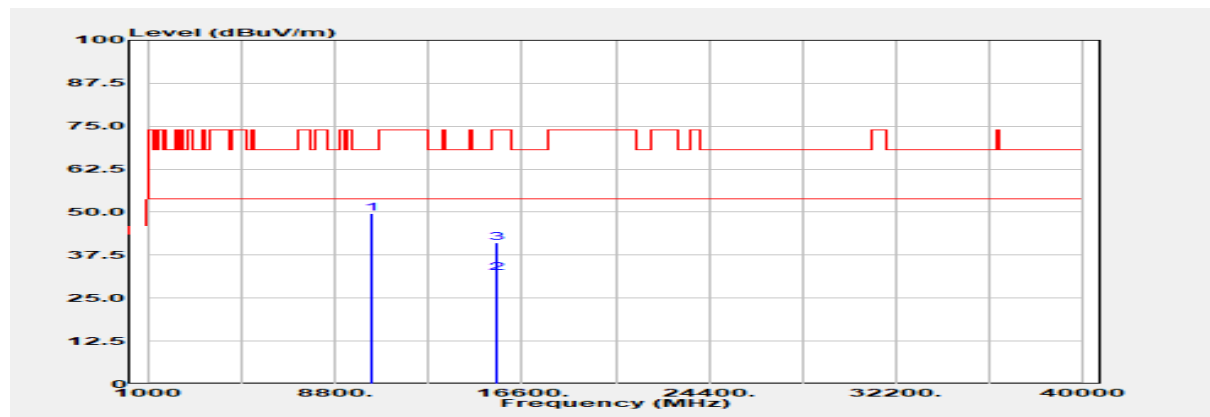
Temp./Humi. :22.7/64

Test Mode :TX CH Low

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10360.000	Peak	41.81	7.86	49.67	68.20	-18.53
15540.000	Average	25.81	6.42	32.23	54.00	-21.77
15540.000	Peak	34.66	6.42	41.08	74.00	-32.92

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 1

Test Date :2021-04-27

Test Frequency :5180 MHz

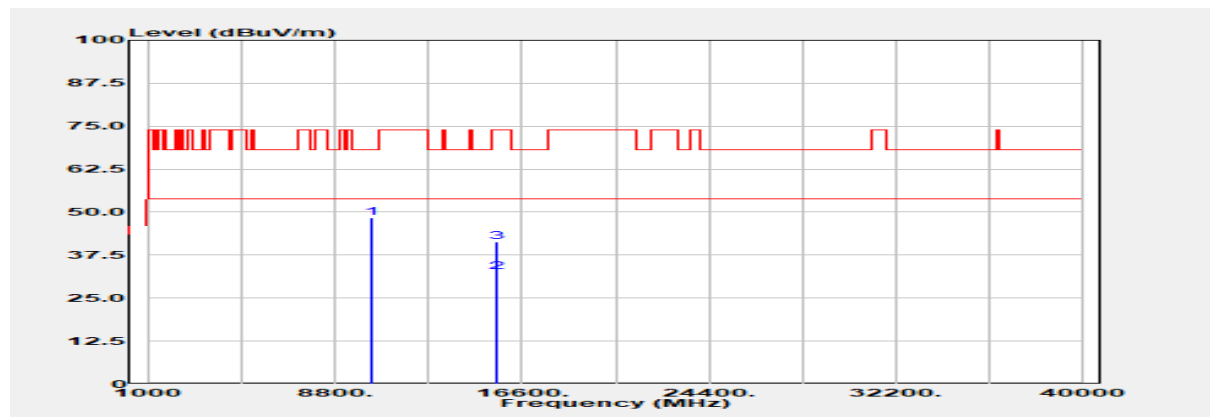
Temp./Humi. :22.7/64

Test Mode :TX CH Low

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10360.000	Peak	40.56	7.86	48.41	68.20	-19.79
15540.000	Average	26.26	6.42	32.68	54.00	-21.32
15540.000	Peak	34.90	6.42	41.32	74.00	-32.68

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 1

Test Date :2021-04-27

Test Frequency :5220 MHz

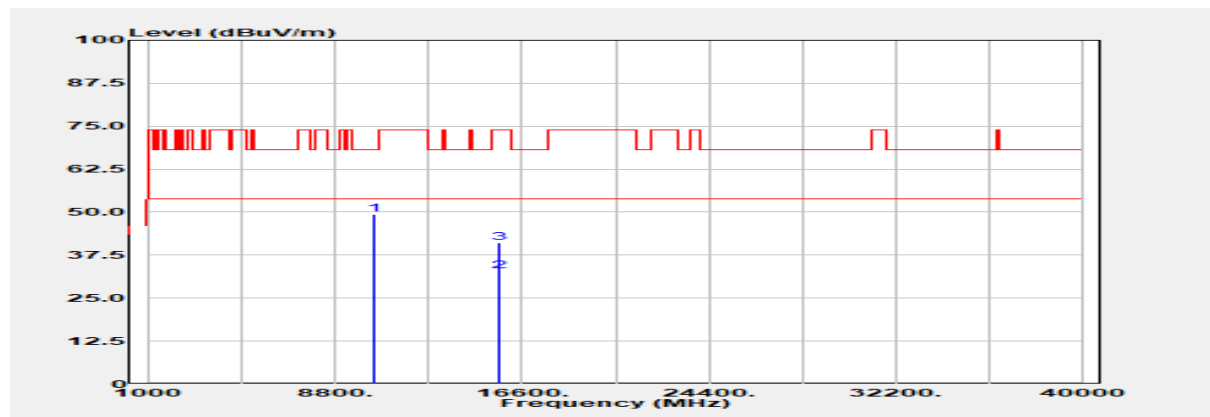
Temp./Humi. :22.7/64

Test Mode :TX CH Mid

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10440.000	Peak	41.43	7.95	49.38	68.20	-18.82
15660.000	Average	26.49	6.36	32.85	54.00	-21.15
15660.000	Peak	34.63	6.36	40.99	74.00	-33.01

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 1

Test Date :2021-04-27

Test Frequency :5220 MHz

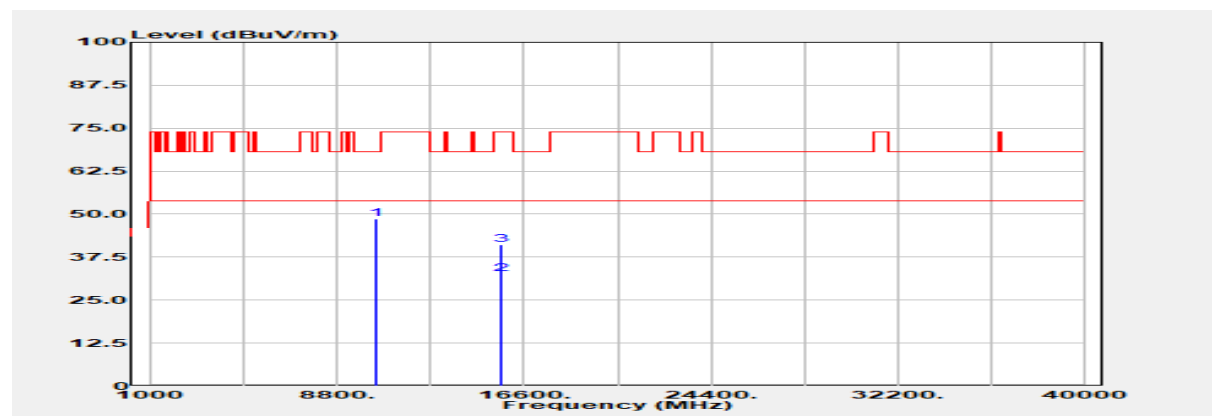
Temp./Humi. :22.7/64

Test Mode :TX CH Mid

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10440.000	Peak	40.64	7.95	48.59	68.20	-19.61
15660.000	Average	26.33	6.36	32.69	54.00	-21.31
15660.000	Peak	34.78	6.36	41.13	74.00	-32.87

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 1

Test Date :2021-04-27

Test Frequency :5240 MHz

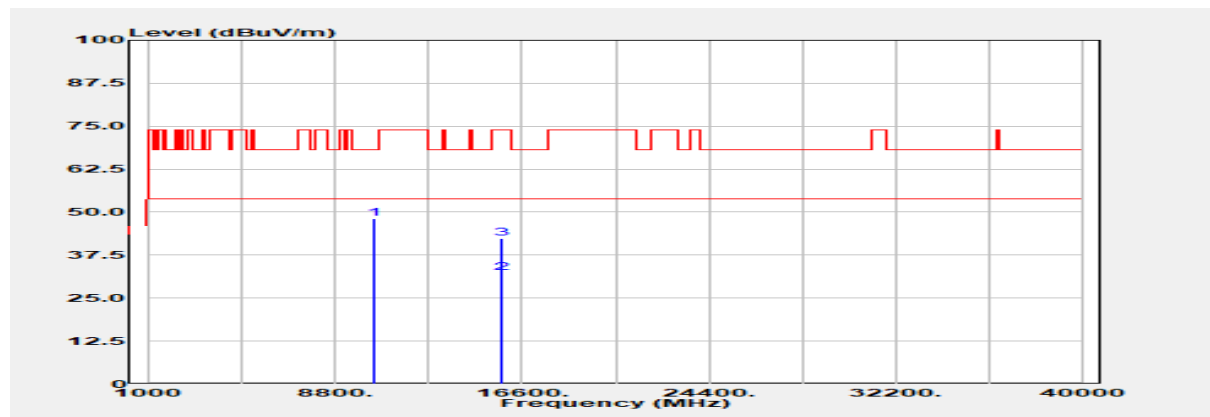
Temp./Humi. :22.7/64

Test Mode :TX CH High

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10480.000	Peak	40.73	7.28	48.01	68.20	-20.19
15720.000	Average	26.21	6.22	32.43	54.00	-21.57
15720.000	Peak	36.11	6.22	42.34	74.00	-31.66

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 1

Test Date :2021-04-27

Test Frequency :5240 MHz

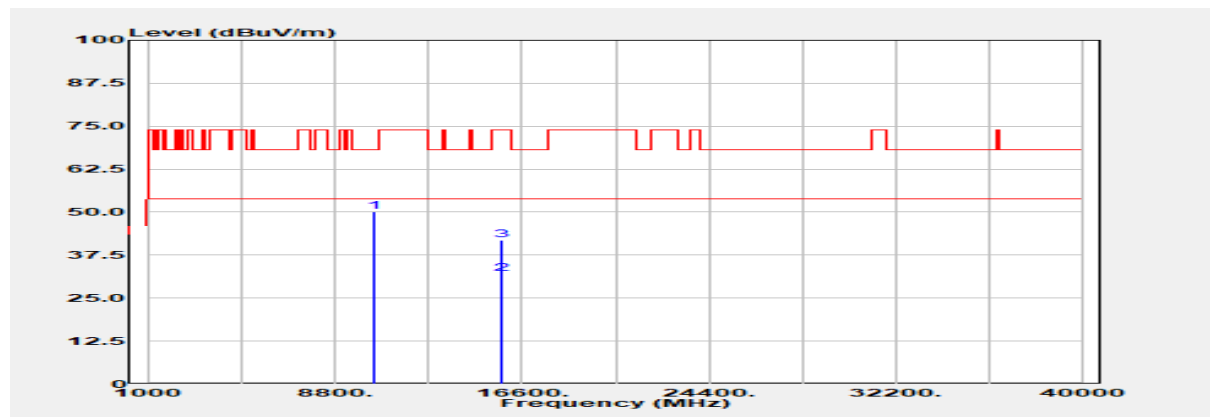
Temp./Humi. :22.7/64

Test Mode :TX CH High

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10480.000	Peak	42.83	7.28	50.11	68.20	-18.09
15720.000	Average	25.95	6.22	32.17	54.00	-21.83
15720.000	Peak	35.58	6.22	41.80	74.00	-32.20

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 2

Test Date :2021-04-27

Test Frequency :5260 MHz

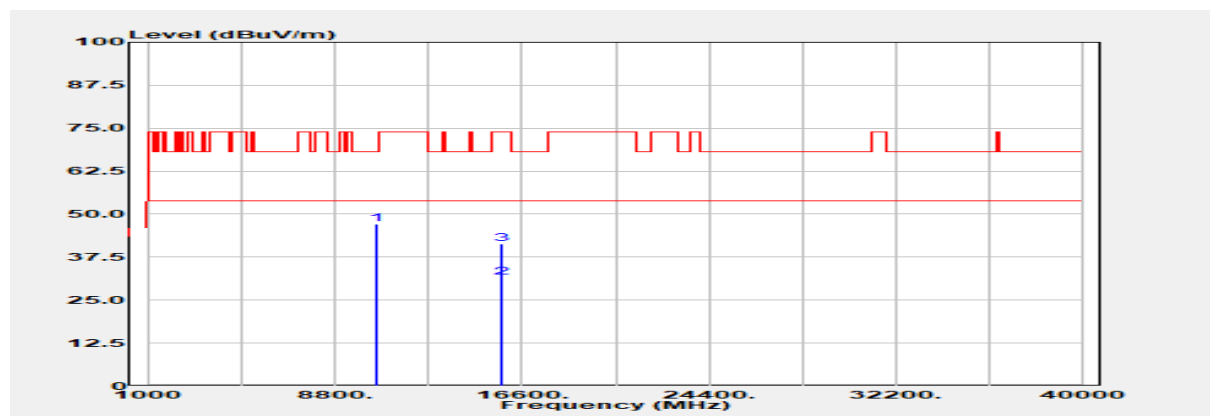
Temp./Humi. :22.7/64

Test Mode :TX CH Low

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10520.000	Peak	40.32	6.79	47.11	68.20	-21.09
15780.000	Average	26.28	5.30	31.58	54.00	-22.42
15780.000	Peak	35.98	5.30	41.28	74.00	-32.72

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 2

Test Date :2021-04-27

Test Frequency :5260 MHz

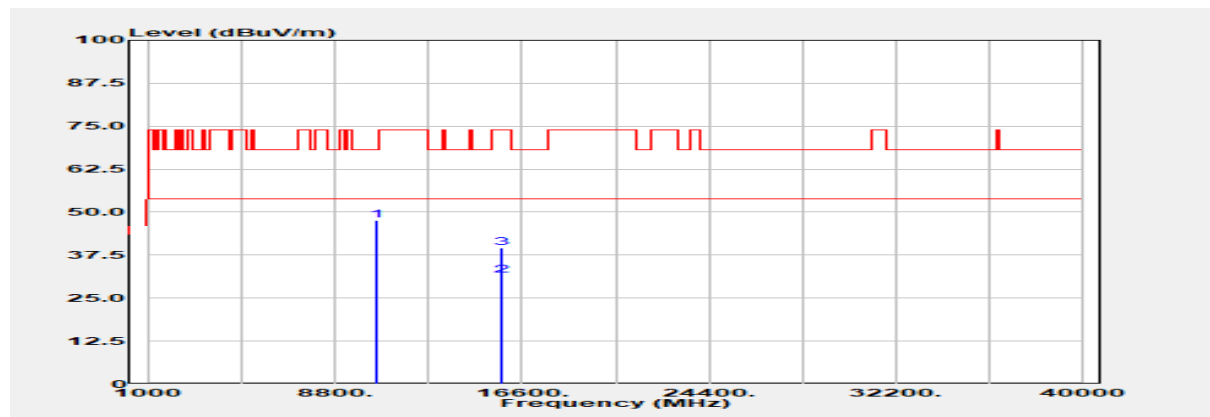
Temp./Humi. :22.7/64

Test Mode :TX CH Low

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10520.000	Peak	40.88	6.79	47.67	68.20	-20.53
15780.000	Average	26.20	5.30	31.50	54.00	-22.50
15780.000	Peak	34.22	5.30	39.52	74.00	-34.48

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 2

Test Date :2021-04-27

Test Frequency :5300 MHz

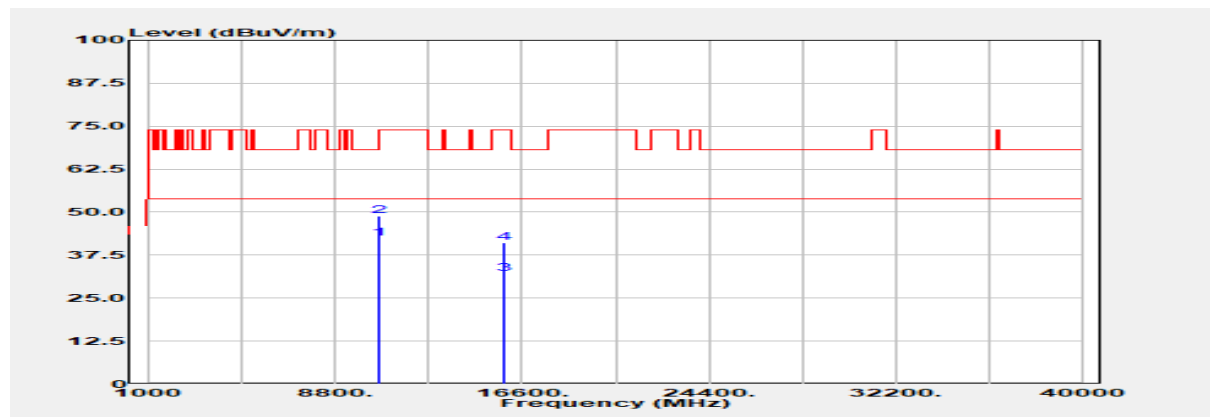
Temp./Humi. :22.7/64

Test Mode :TX CH Mid

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10600.000	Average	35.04	7.20	42.24	54.00	-11.76
10600.000	Peak	41.69	7.20	48.89	74.00	-25.11
15900.000	Average	26.26	5.87	32.13	54.00	-21.87
15900.000	Peak	35.34	5.87	41.21	74.00	-32.79

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 2

Test Date :2021-04-27

Test Frequency :5300 MHz

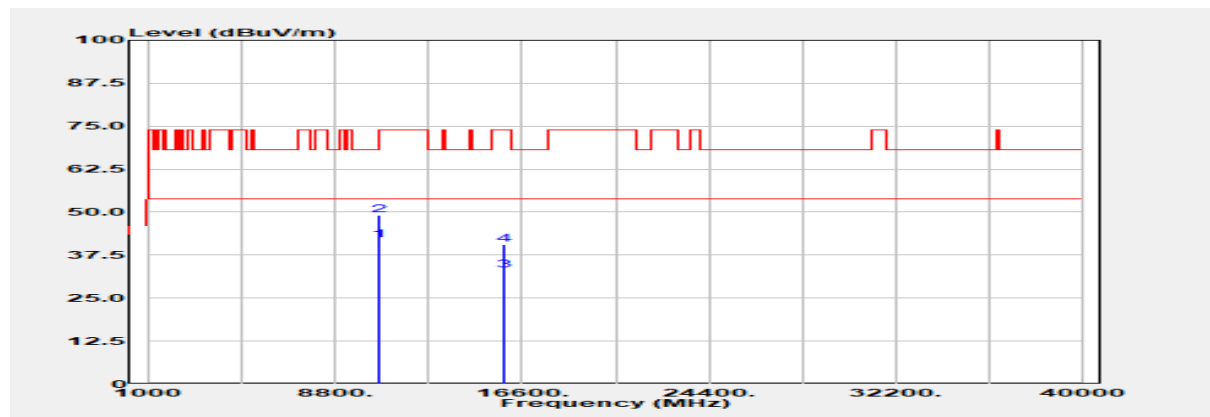
Temp./Humi. :22.7/64

Test Mode :TX CH Mid

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10600.000	Average	34.55	7.20	41.75	54.00	-12.25
10600.000	Peak	41.83	7.20	49.03	74.00	-24.97
15900.000	Average	27.22	5.87	33.09	54.00	-20.91
15900.000	Peak	34.83	5.87	40.70	74.00	-33.30

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 2

Test Date :2021-04-27

Test Frequency :5320 MHz

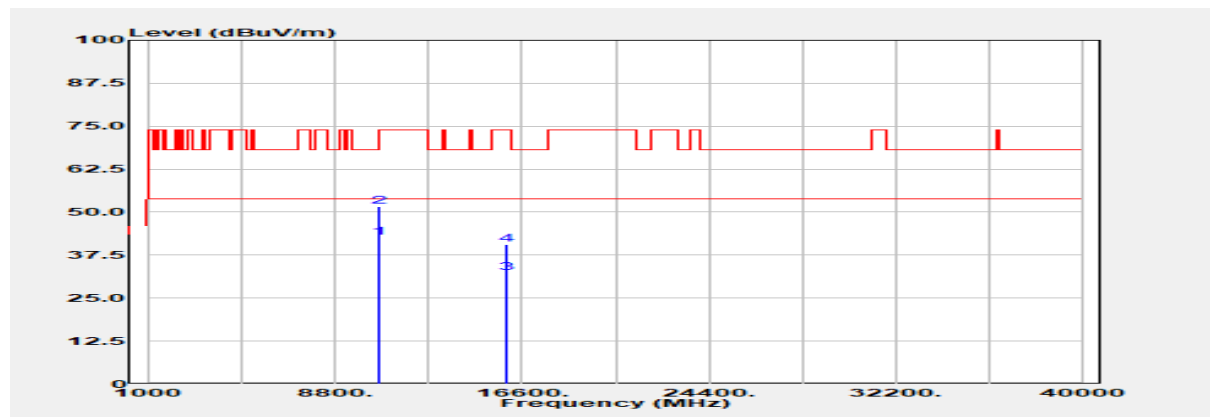
Temp./Humi. :22.7/64

Test Mode :TX CH High

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10640.000	Average	35.30	7.26	42.56	54.00	-11.44
10640.000	Peak	44.41	7.26	51.67	74.00	-22.33
15960.000	Average	26.25	5.97	32.22	54.00	-21.78
15960.000	Peak	34.60	5.97	40.58	74.00	-33.42

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 2

Test Date :2021-04-27

Test Frequency :5320 MHz

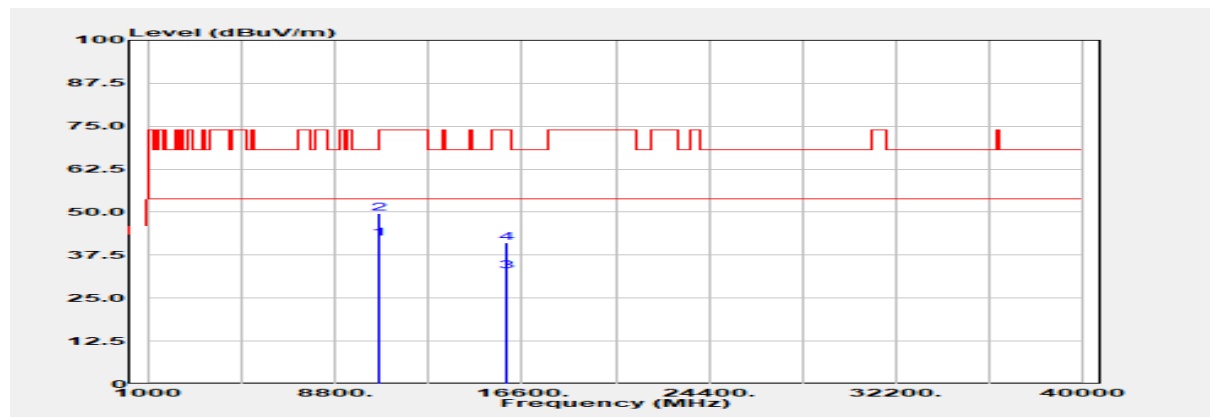
Temp./Humi. :22.7/64

Test Mode :TX CH High

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10640.000	Average	35.20	7.26	42.46	54.00	-11.54
10640.000	Peak	42.40	7.26	49.65	74.00	-24.35
15960.000	Average	26.85	5.97	32.82	54.00	-21.18
15960.000	Peak	35.11	5.97	41.09	74.00	-32.91

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 3

Test Date :2021-04-27

Test Frequency :5500 MHz

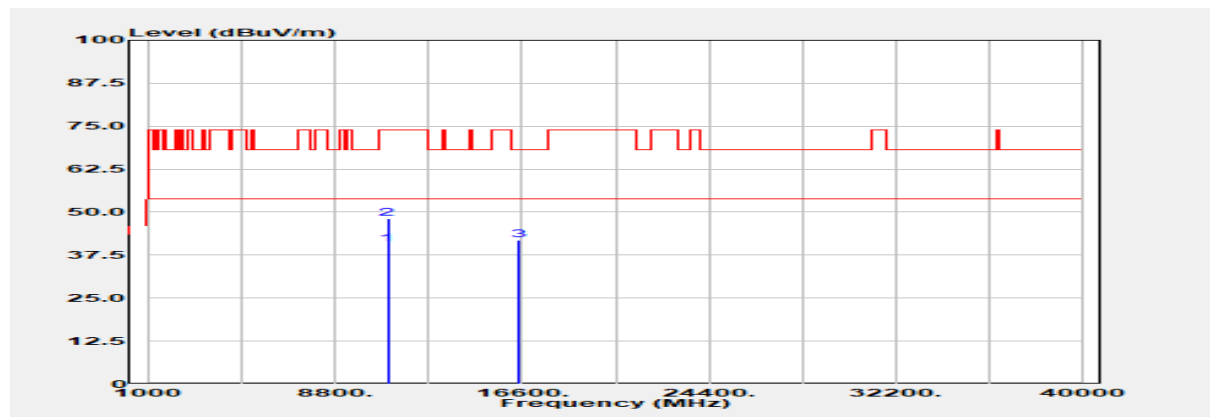
Temp./Humi. :22.7/64

Test Mode :TX CH Low

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11000.000	Average	32.12	8.48	40.60	54.00	-13.40
11000.000	Peak	39.56	8.48	48.05	74.00	-25.95
16500.000	Peak	34.84	6.99	41.84	68.20	-26.36

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 3

Test Date :2021-04-27

Test Frequency :5500 MHz

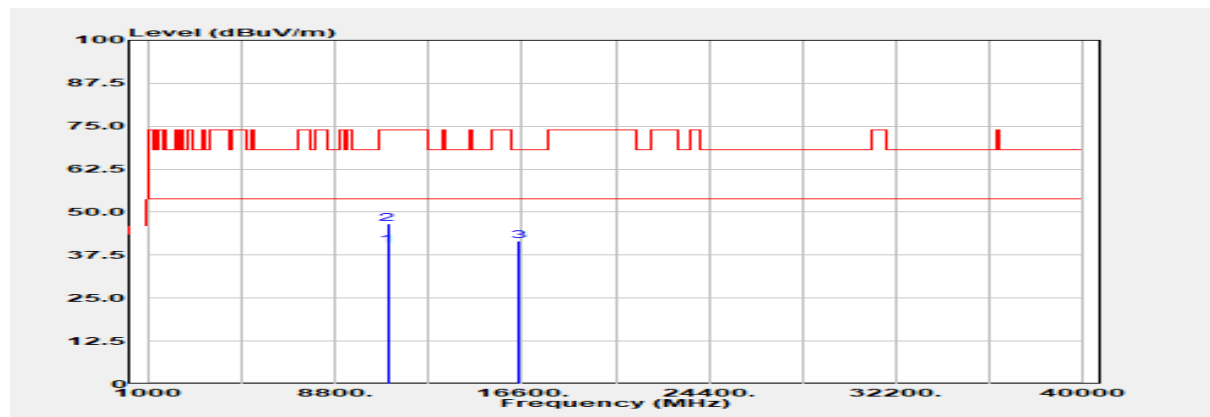
Temp./Humi. :22.7/64

Test Mode :TX CH Low

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11000.000	Average	31.99	8.48	40.47	54.00	-13.53
11000.000	Peak	38.15	8.48	46.64	74.00	-27.36
16500.000	Peak	34.70	6.99	41.69	68.20	-26.51

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 3

Test Date :2021-04-27

Test Frequency :5580 MHz

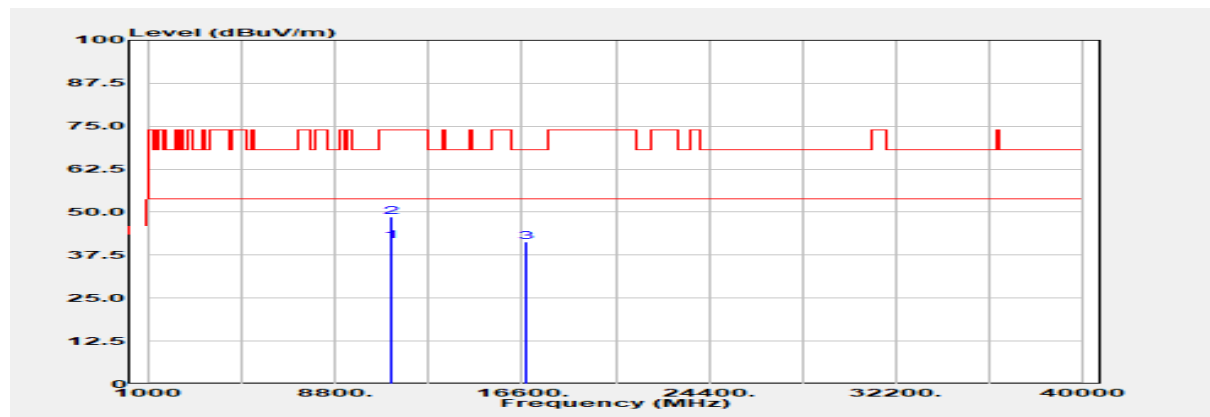
Temp./Humi. :22.7/64

Test Mode :TX CH Mid

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11160.000	Average	33.78	7.85	41.63	54.00	-12.37
11160.000	Peak	40.72	7.85	48.58	74.00	-25.42
16740.000	Peak	33.78	7.53	41.31	68.20	-26.89

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 3

Test Date :2021-04-27

Test Frequency :5580 MHz

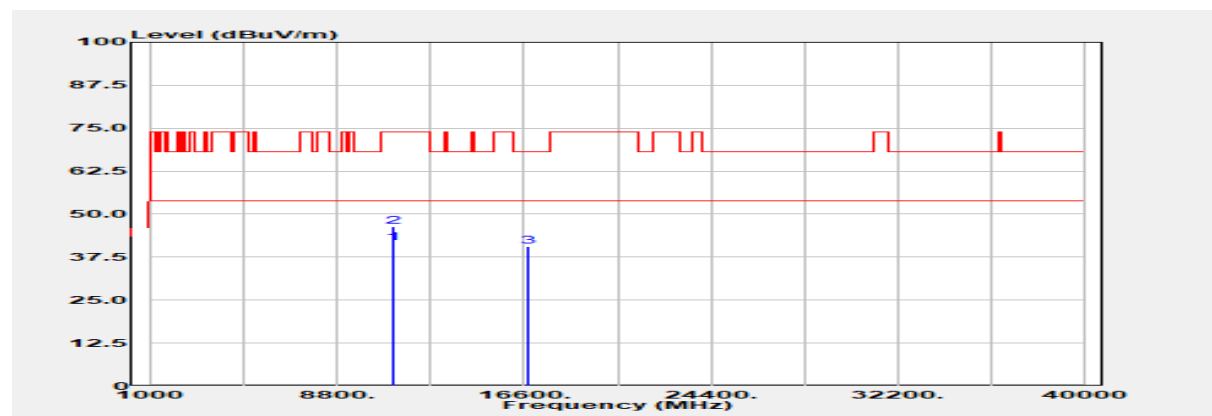
Temp./Humi. :22.7/64

Test Mode :TX CH Mid

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11160.000	Average	33.80	7.85	41.65	54.00	-12.35
11160.000	Peak	38.51	7.85	46.37	74.00	-27.63
16740.000	Peak	33.17	7.53	40.70	68.20	-27.50

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 3

Test Date :2021-04-27

Test Frequency :5700 MHz

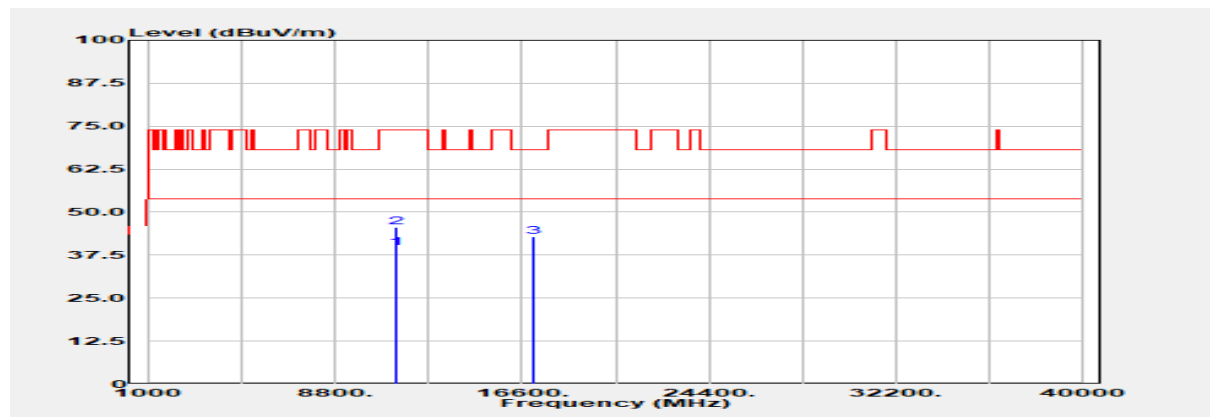
Temp./Humi. :22.7/64

Test Mode :TX CH High

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11400.000	Average	31.19	8.45	39.64	54.00	-14.36
11400.000	Peak	37.19	8.45	45.64	74.00	-28.36
17100.000	Peak	33.84	8.99	42.82	68.20	-25.38

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 3

Test Date :2021-04-27

Test Frequency :5700 MHz

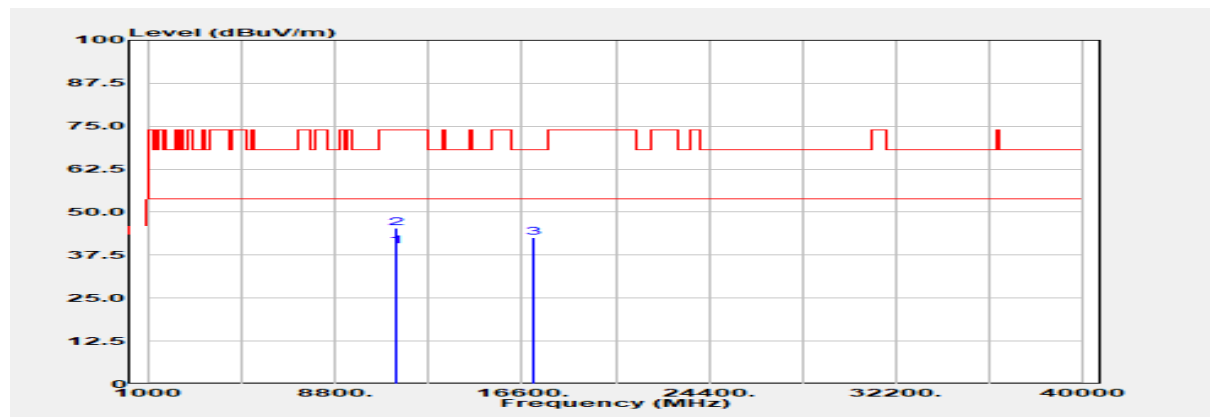
Temp./Humi. :22.7/64

Test Mode :TX CH High

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11400.000	Average	31.64	8.45	40.09	54.00	-13.91
11400.000	Peak	37.02	8.45	45.47	74.00	-28.53
17100.000	Peak	33.49	8.99	42.48	68.20	-25.72

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 3

Test Date :2021-04-27

Test Frequency :5720 MHz

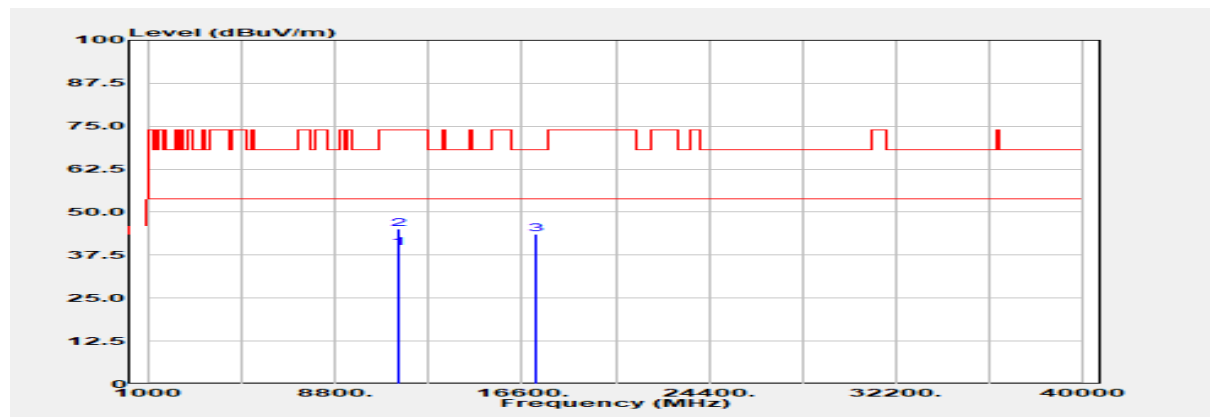
Temp./Humi. :22.7/64

Test Mode :TX CH High

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11440.000	Average	31.14	8.54	39.68	54.00	-14.32
11440.000	Peak	36.59	8.54	45.13	74.00	-28.87
17160.000	Peak	34.36	9.35	43.71	68.20	-24.49

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 3

Test Date :2021-04-27

Test Frequency :5720 MHz

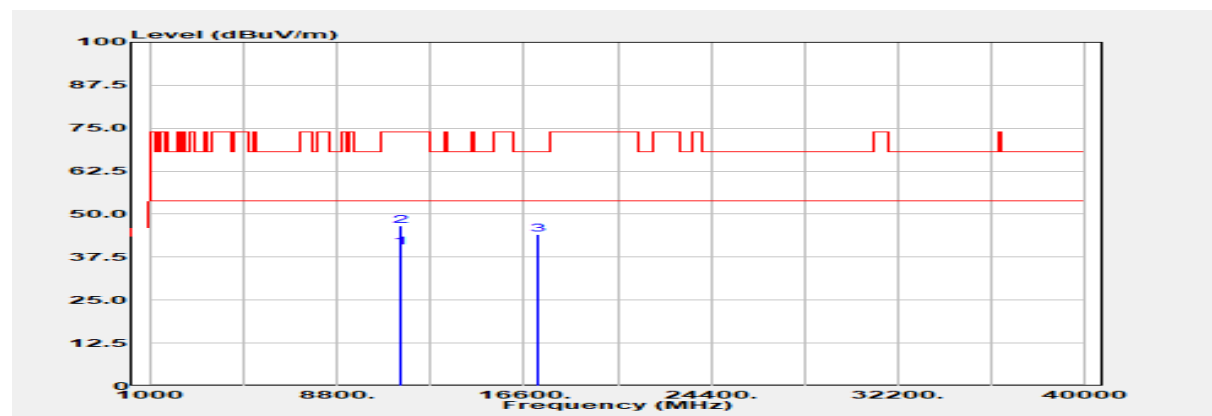
Temp./Humi. :22.7/64

Test Mode :TX CH High

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11440.000	Average	31.82	8.54	40.36	54.00	-13.64
11440.000	Peak	38.12	8.54	46.65	74.00	-27.35
17160.000	Peak	34.75	9.35	44.10	68.20	-24.10

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 4

Test Date :2021-04-27

Test Frequency :5745 MHz

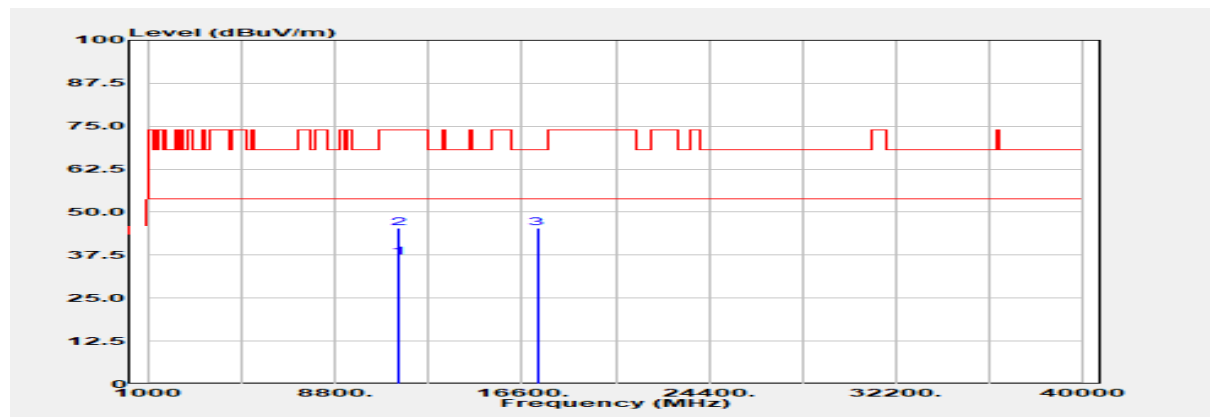
Temp./Humi. :22.7/64

Test Mode :TX CH Low

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11490.000	Average	27.78	8.99	36.77	54.00	-17.23
11490.000	Peak	36.25	8.99	45.24	74.00	-28.76
17235.000	Peak	35.45	9.83	45.27	68.20	-22.93

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 4

Test Date :2021-04-27

Test Frequency :5745 MHz

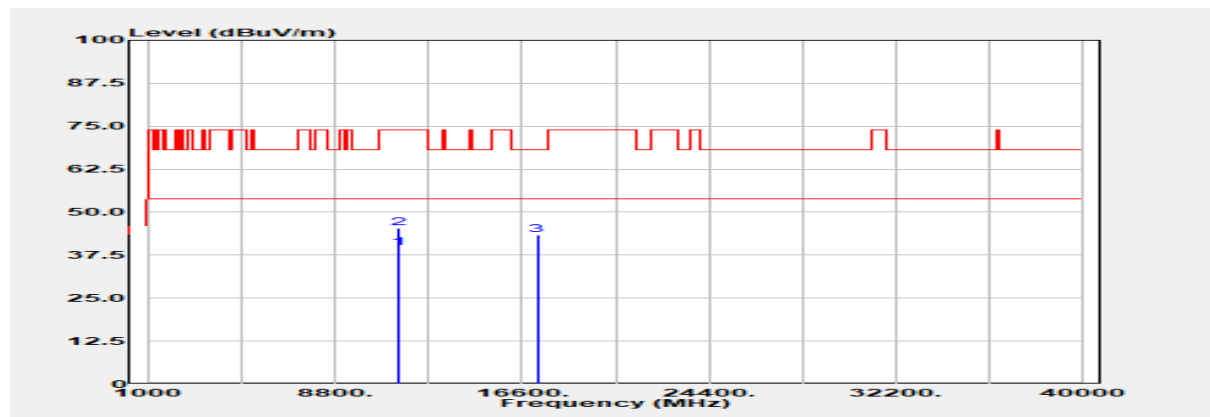
Temp./Humi. :22.7/64

Test Mode :TX CH Low

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11490.000	Average	30.60	8.99	39.59	54.00	-14.41
11490.000	Peak	36.36	8.99	45.35	74.00	-28.65
17235.000	Peak	33.60	9.83	43.43	68.20	-24.77

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 4

Test Date :2021-04-27

Test Frequency :5785 MHz

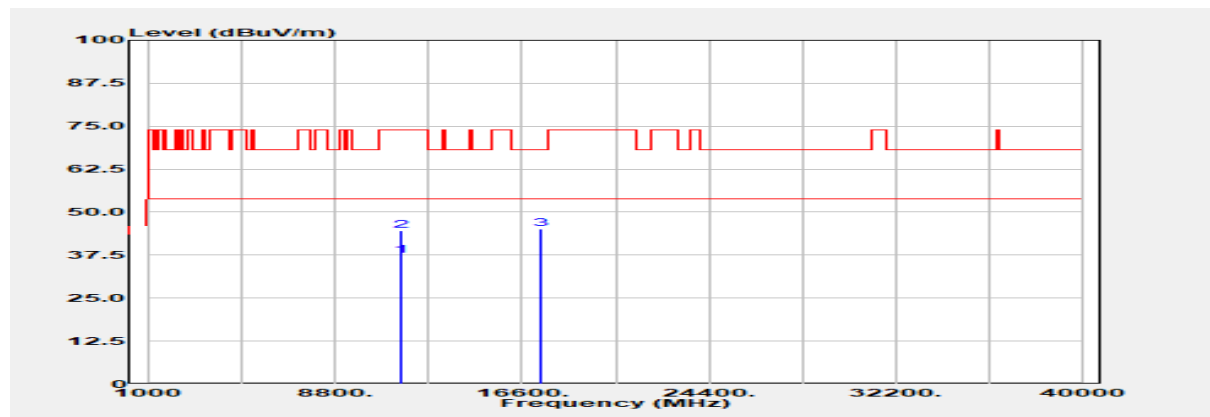
Temp./Humi. :22.7/64

Test Mode :TX CH Mid

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11570.000	Average	28.74	8.65	37.39	54.00	-16.61
11570.000	Peak	35.93	8.65	44.58	74.00	-29.42
17355.000	Peak	34.58	10.62	45.20	68.20	-23.00

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 4

Test Date :2021-04-27

Test Frequency :5785 MHz

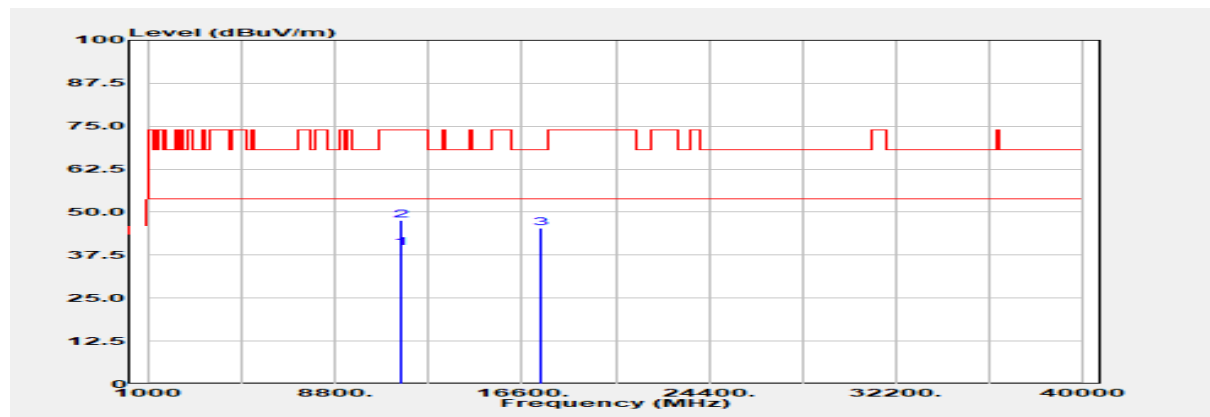
Temp./Humi. :22.7/64

Test Mode :TX CH Mid

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11570.000	Average	30.89	8.65	39.54	54.00	-14.46
11570.000	Peak	39.01	8.65	47.65	74.00	-26.35
17355.000	Peak	34.84	10.62	45.47	68.20	-22.73

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 4

Test Date :2021-04-27

Test Frequency :5825 MHz

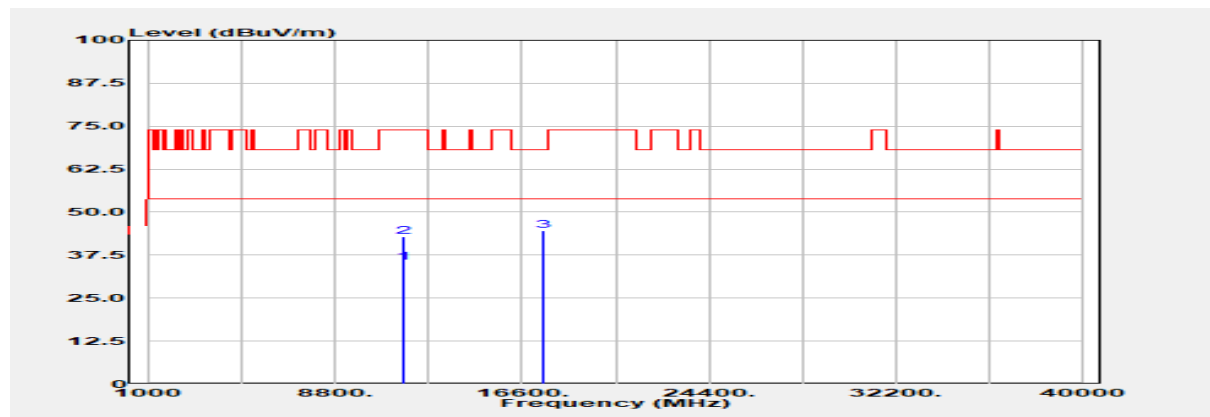
Temp./Humi. :22.7/64

Test Mode :TX CH High

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11650.000	Average	27.39	8.07	35.46	54.00	-18.54
11650.000	Peak	34.74	8.07	42.82	74.00	-31.18
17475.000	Peak	32.79	11.73	44.52	68.20	-23.68

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Report Number :E2/2021/30066

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 4

Test Date :2021-04-27

Test Frequency :5825 MHz

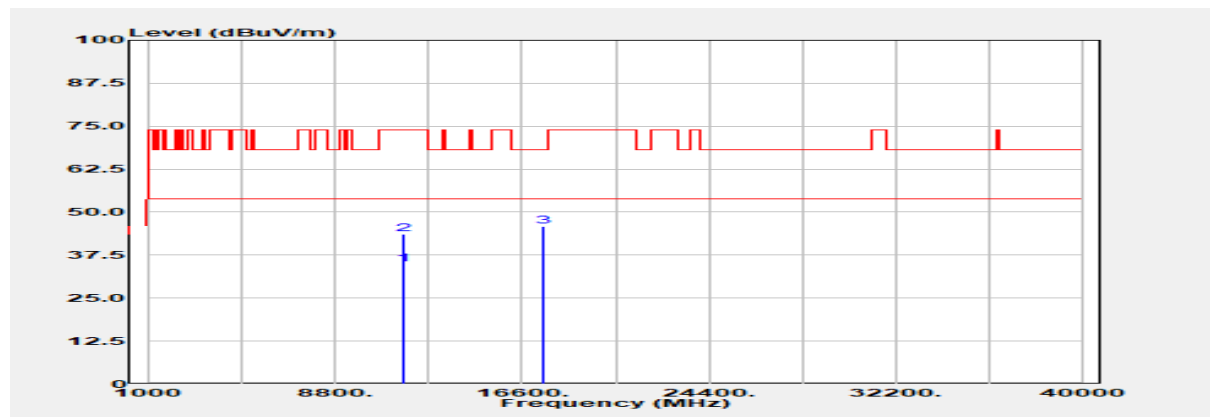
Temp./Humi. :22.7/64

Test Mode :TX CH High

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11650.000	Average	26.77	8.07	34.84	54.00	-19.16
11650.000	Peak	35.60	8.07	43.68	74.00	-30.32
17475.000	Peak	34.10	11.73	45.83	68.20	-22.37

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11.7.3 Band edge falling to restricted band

Report Number :E2/2021/30075

Test Site :966 Chamber D

Operation Mode :802.11a / Band 1

Test Date :2021-04-26

Test Frequency :5180 MHz

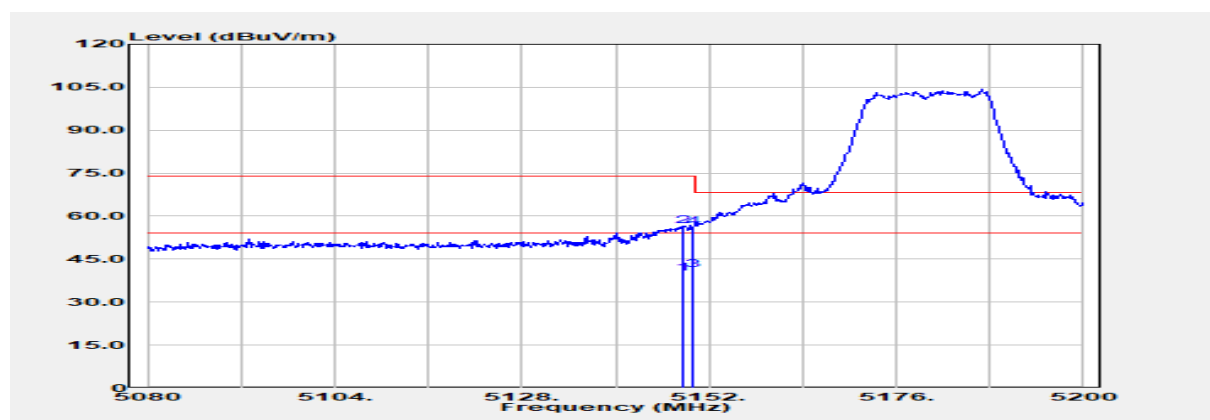
Temp./Humi. :21.4/64

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5148.520	Average	42.44	-2.41	40.03	54.00	-13.97
5148.520	Peak	59.09	-2.41	56.68	74.00	-17.32
5150.000	Average	43.58	-2.43	41.15	54.00	-12.85
5150.000	Peak	58.81	-2.43	56.38	74.00	-17.62

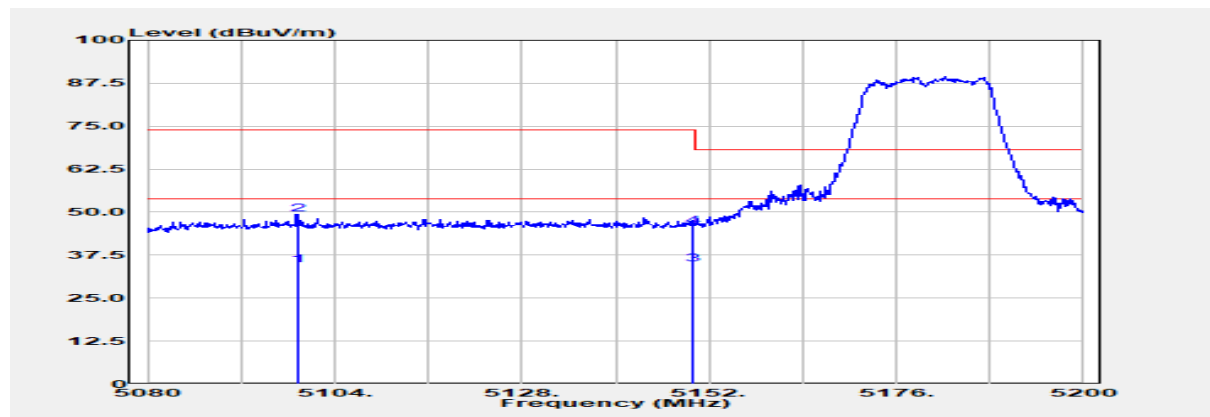
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Report Number :E2/2021/30075
 Operation Mode :802.11a / Band 1
 Test Frequency :5180 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plane

Test Site :966 Chamber D
 Test Date :2021-04-26
 Temp./Humi. :21.4/64
 Antenna Pol. :Vertical
 Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5099.200	Average	36.79	-2.14	34.65	54.00	-19.35
5099.200	Peak	51.57	-2.14	49.43	74.00	-24.57
5150.000	Average	37.35	-2.43	34.92	54.00	-19.08
5150.000	Peak	48.37	-2.43	45.94	74.00	-28.06

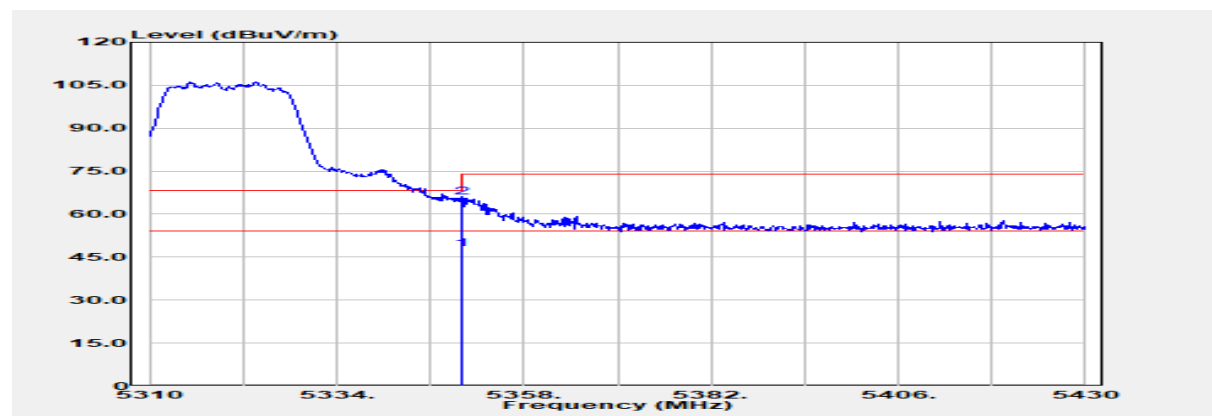
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Report Number :E2/2021/30075
 Operation Mode :802.11a / Band 2
 Test Frequency :5320 MHz
 Test Mode :BE CH High
 EUT Pol :E2 Plane

Test Site :966 Chamber D
 Test Date :2021-04-26
 Temp./Humi. :21.4/64
 Antenna Pol. :Horizontal
 Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5350.000	Average	50.68	-2.76	47.92	54.00	-6.08
5350.000	Peak	68.52	-2.76	65.75	74.00	-8.25

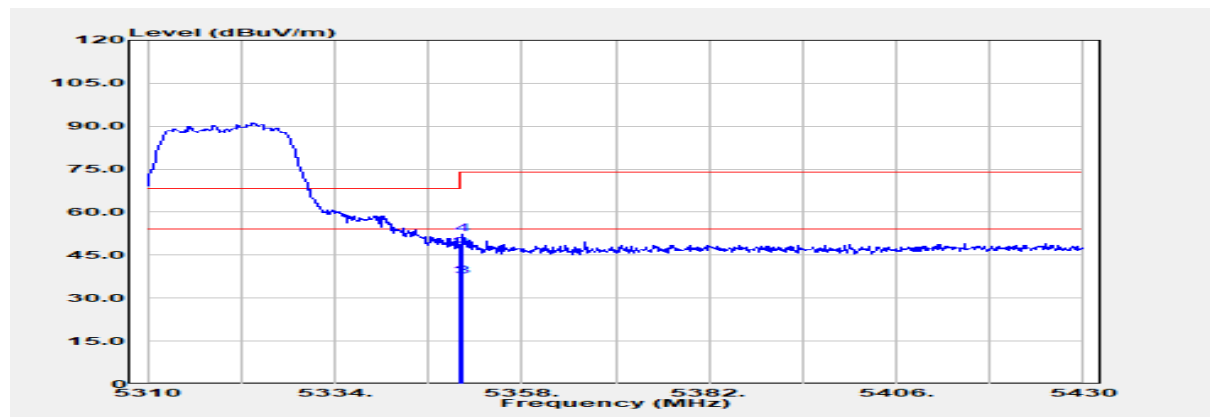
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Report Number :E2/2021/30075
Operation Mode :802.11a / Band 2
Test Frequency :5320 MHz
Test Mode :BE CH High
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-26
Temp./Humi. :21.4/64
Antenna Pol. :Vertical
Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5350.000	Average	40.48	-2.76	37.72	54.00	-16.28
5350.000	Peak	50.18	-2.76	47.41	74.00	-26.59
5350.440	Average	40.35	-2.78	37.57	54.00	-16.43
5350.440	Peak	55.12	-2.78	52.34	74.00	-21.66

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Report Number :E2/2021/30075

Test Site :966 Chamber D

Operation Mode :802.11a / Band 3

Test Date :2021-04-26

Test Frequency :5500 MHz

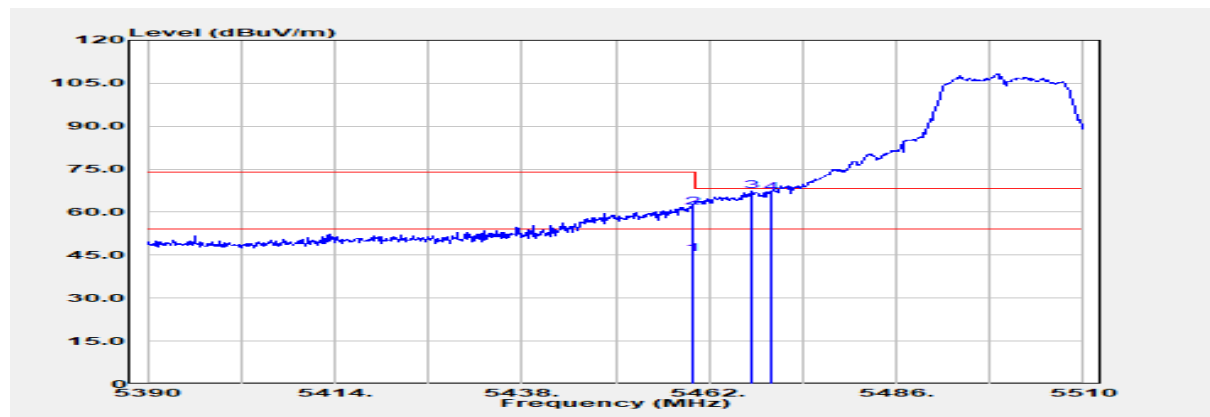
Temp./Humi. :21.4/64

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5460.000	Average	47.66	-2.18	45.48	54.00	-8.52
5460.000	Peak	63.93	-2.18	61.75	74.00	-12.25
5467.520	Peak	69.72	-2.31	67.41	68.20	-0.79
5470.000	Peak	69.03	-2.35	66.69	68.20	-1.51

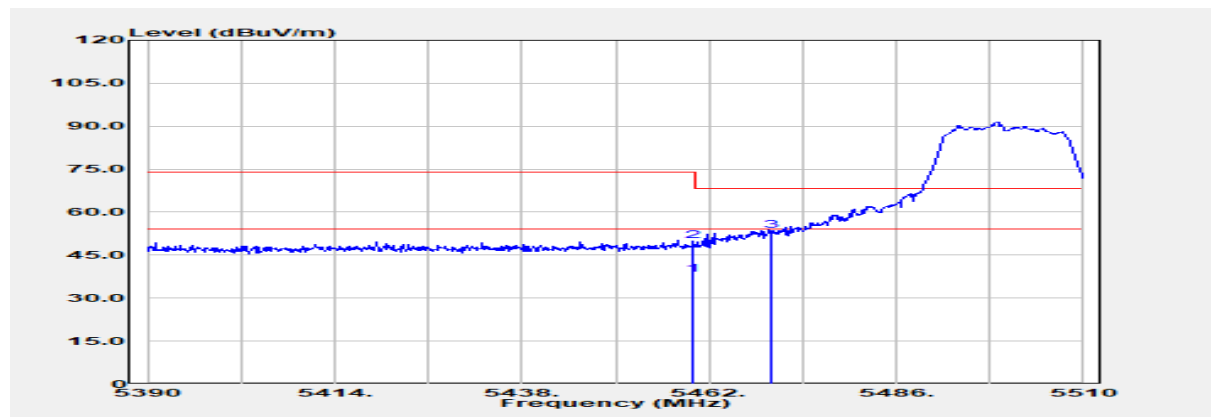
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Report Number :E2/2021/30075
Operation Mode :802.11a / Band 3
Test Frequency :5500 MHz
Test Mode :BE CH LOW
EUT Pol :E2 Plane

Test Site :966 Chamber D
Test Date :2021-04-26
Temp./Humi. :21.4/64
Antenna Pol. :Vertical
Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5460.000	Average	40.43	-2.18	38.25	54.00	-15.75
5460.000	Peak	52.09	-2.18	49.90	74.00	-24.10
5470.000	Peak	55.86	-2.35	53.51	68.20	-14.69

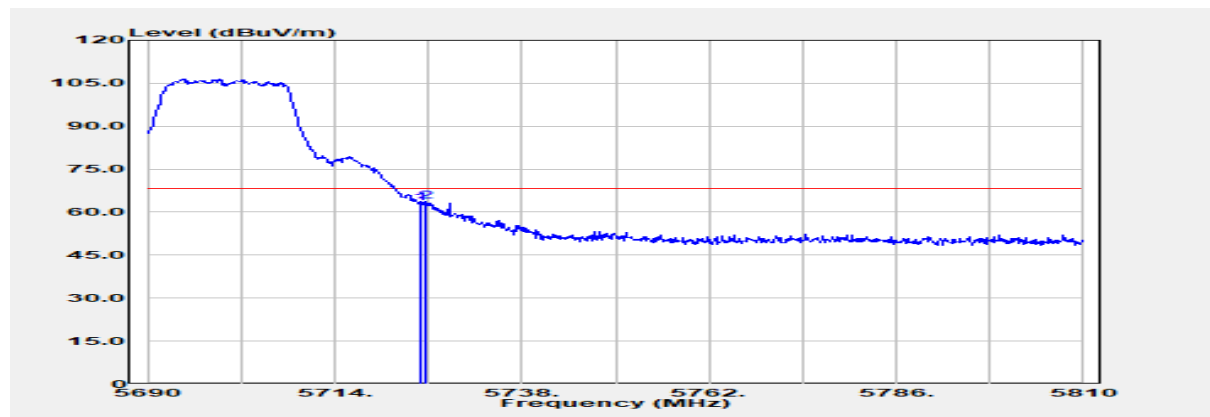
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Report Number :E2/2021/30075
 Operation Mode :802.11a / Band 3
 Test Frequency :5700 MHz
 Test Mode :BE CH High
 EUT Pol :E2 Plane

Test Site :966 Chamber D
 Test Date :2021-04-26
 Temp./Humi. :21.4/64
 Antenna Pol. :Horizontal
 Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5725.000	Peak	65.02	-1.98	63.04	68.20	-5.16
5725.520	Peak	65.89	-2.00	63.89	68.20	-4.31

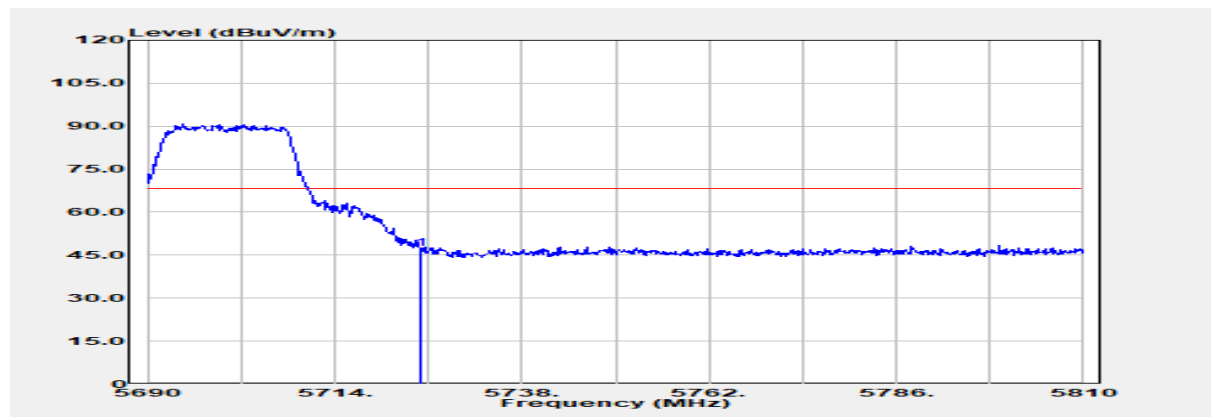
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Report Number :E2/2021/30075
 Operation Mode :802.11a / Band 3
 Test Frequency :5700 MHz
 Test Mode :BE CH High
 EUT Pol :E2 Plane

Test Site :966 Chamber D
 Test Date :2021-04-26
 Temp./Humi. :21.4/64
 Antenna Pol. :Vertical
 Engineer :Pony Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5725.000	Peak	49.17	-1.98	47.19	68.20	-21.01

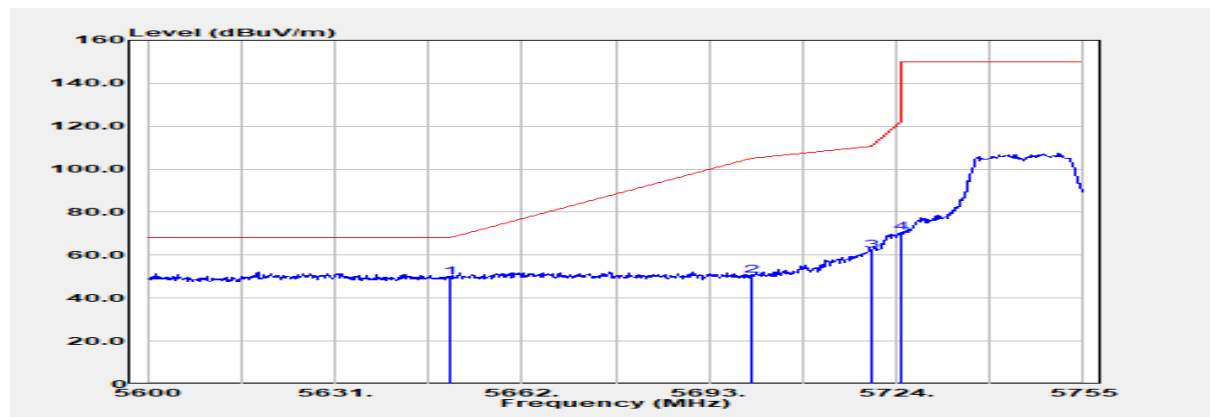
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Report Number :E2/2021/30075
 Operation Mode :802.11a / Band 4
 Test Frequency :5745 MHz
 Test Mode :BE CH Low
 EUT Pol :E2 Plane

Test Site :966 Chamber D
 Test Date :2021-04-26
 Temp./Humi. :21.8/63
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5650.000	Peak	51.55	-2.00	49.55	68.20	-18.65
5700.000	Peak	52.67	-2.17	50.50	105.20	-54.70
5720.000	Peak	63.95	-1.70	62.25	110.80	-48.55
5725.000	Peak	72.70	-1.98	70.72	122.20	-51.48

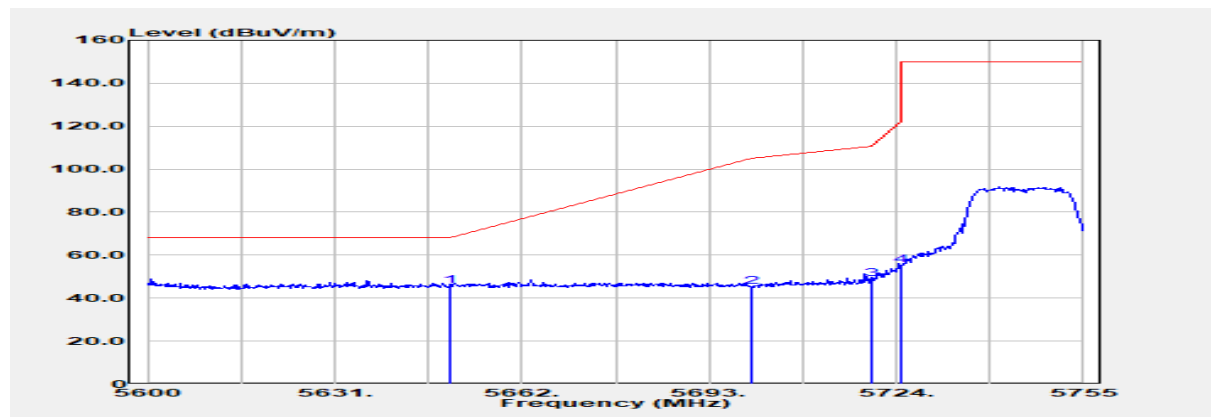
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Report Number :E2/2021/30075
 Operation Mode :802.11a / Band 4
 Test Frequency :5745 MHz
 Test Mode :BE CH Low
 EUT Pol :E2 Plane

Test Site :966 Chamber D
 Test Date :2021-04-26
 Temp./Humi. :21.8/63
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5650.000	Peak	47.58	-2.00	45.59	68.20	-22.61
5700.000	Peak	47.63	-2.17	45.47	105.20	-59.73
5720.000	Peak	50.74	-1.70	49.05	110.80	-61.75
5725.000	Peak	57.24	-1.98	55.26	122.20	-66.94

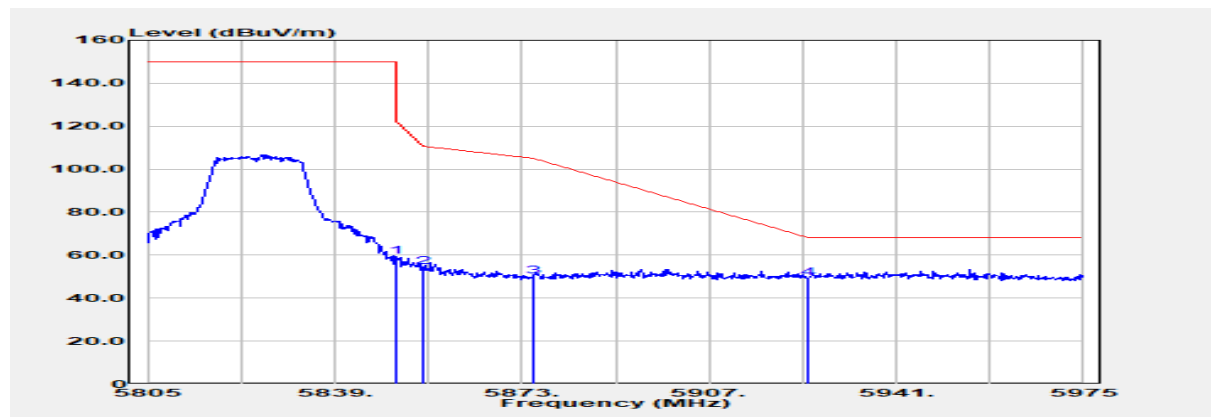
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Report Number :E2/2021/30075
 Operation Mode :802.11a / Band 4
 Test Frequency :5825 MHz
 Test Mode :BE CH High
 EUT Pol :E2 Plane

Test Site :966 Chamber D
 Test Date :2021-04-26
 Temp./Humi. :21.8/63
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5850.000	Peak	61.00	-1.57	59.43	122.20	-62.77
5855.000	Peak	55.93	-1.42	54.51	110.80	-56.29
5875.000	Peak	51.37	-1.42	49.95	105.20	-55.25
5925.000	Peak	50.47	-0.99	49.47	68.20	-18.73

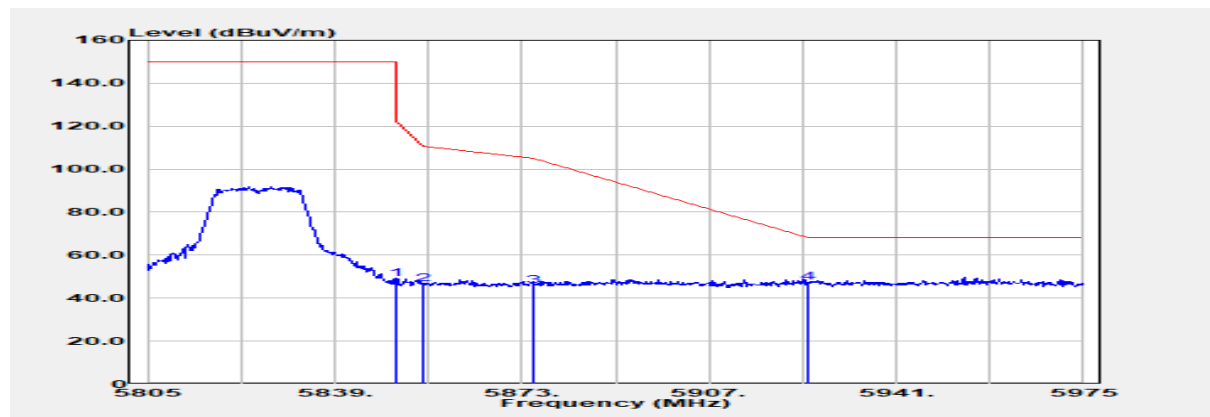
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Report Number :E2/2021/30075
 Operation Mode :802.11a / Band 4
 Test Frequency :5825 MHz
 Test Mode :BE CH High
 EUT Pol :E2 Plane

Test Site :966 Chamber D
 Test Date :2021-04-26
 Temp./Humi. :21.8/63
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5850.000	Peak	50.62	-1.57	49.05	122.20	-73.15
5855.000	Peak	47.83	-1.42	46.41	110.80	-64.39
5875.000	Peak	47.03	-1.42	45.61	105.20	-59.59
5925.000	Peak	48.43	-0.99	47.44	68.20	-20.76

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Report Number :E2/2021/30075

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 1

Test Date :2021-04-26

Test Frequency :5180 MHz

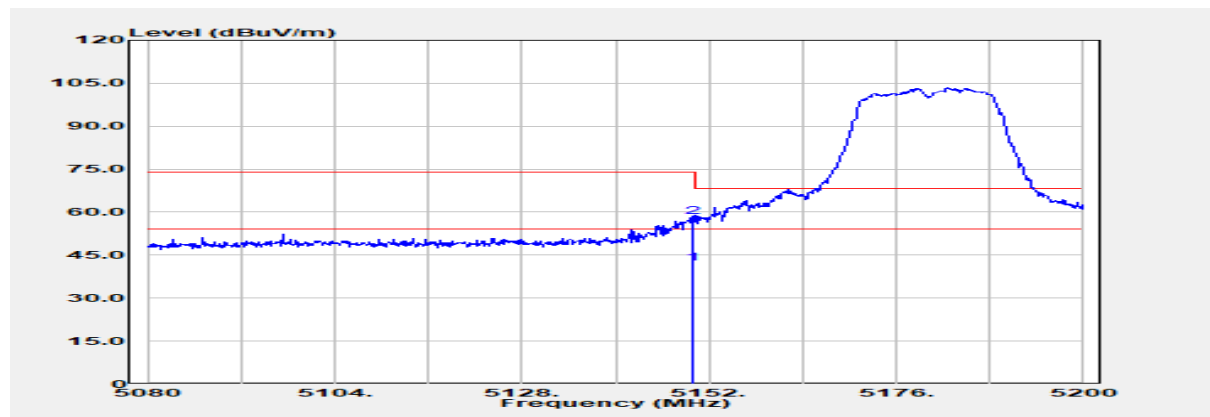
Temp./Humi. :21.6/62

Test Mode :BE CH Low

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5150.000	Average	44.57	-2.43	42.14	54.00	-11.86
5150.000	Peak	60.78	-2.43	58.35	74.00	-15.65

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Report Number :E2/2021/30075

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 1

Test Date :2021-04-26

Test Frequency :5180 MHz

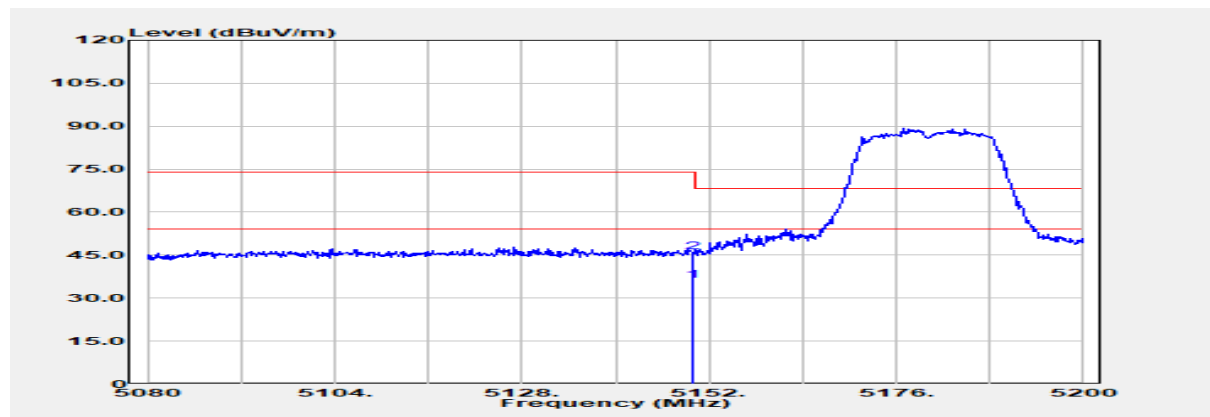
Temp./Humi. :21.6/62

Test Mode :BE CH Low

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



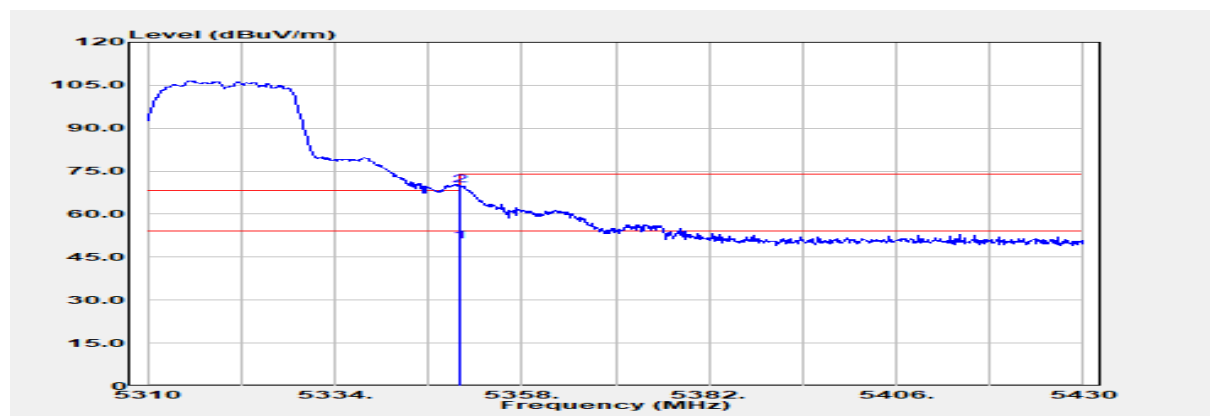
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5150.000	Average	38.37	-2.43	35.94	54.00	-18.06
5150.000	Peak	48.46	-2.43	46.04	74.00	-27.96

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Report Number	:E2/2021/30075	Test Site	:966 Chamber D
Operation Mode	:802.11n20 / Band 2	Test Date	:2021-04-26
Test Frequency	:5320 MHz	Temp./Humi.	:21.6/62
Test Mode	:BE CH High	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5350.000	Average	53.40	-2.76	50.63	54.00	-3.37
5350.000	Peak	72.89	-2.76	70.13	74.00	-3.87

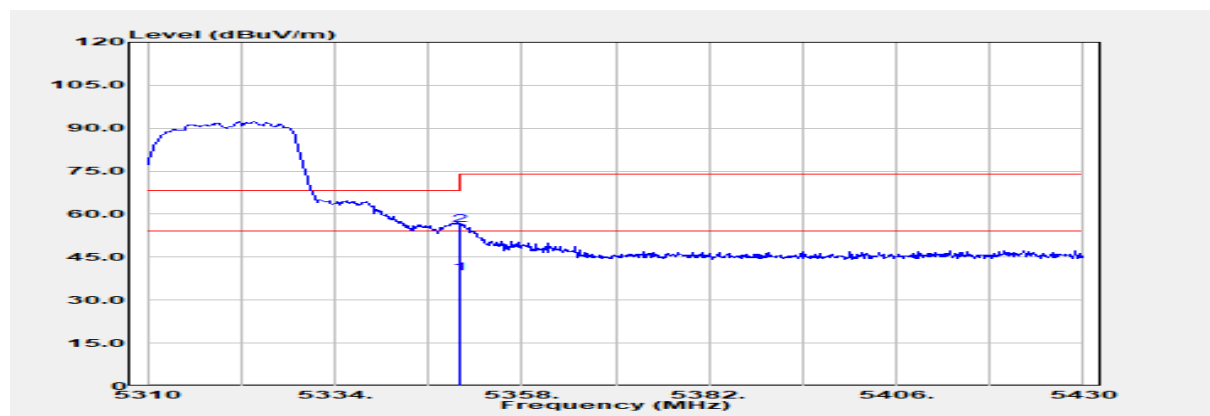
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Report Number :E2/2021/30075
 Operation Mode :802.11n20 / Band 2
 Test Frequency :5320 MHz
 Test Mode :BE CH High
 EUT Pol :E2 Plane

Test Site :966 Chamber D
 Test Date :2021-04-26
 Temp./Humi. :21.6/62
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5350.000	Average	42.08	-2.76	39.32	54.00	-14.68
5350.000	Peak	59.05	-2.76	56.28	74.00	-17.72

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Report Number :E2/2021/30075

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 3

Test Date :2021-04-26

Test Frequency :5500 MHz

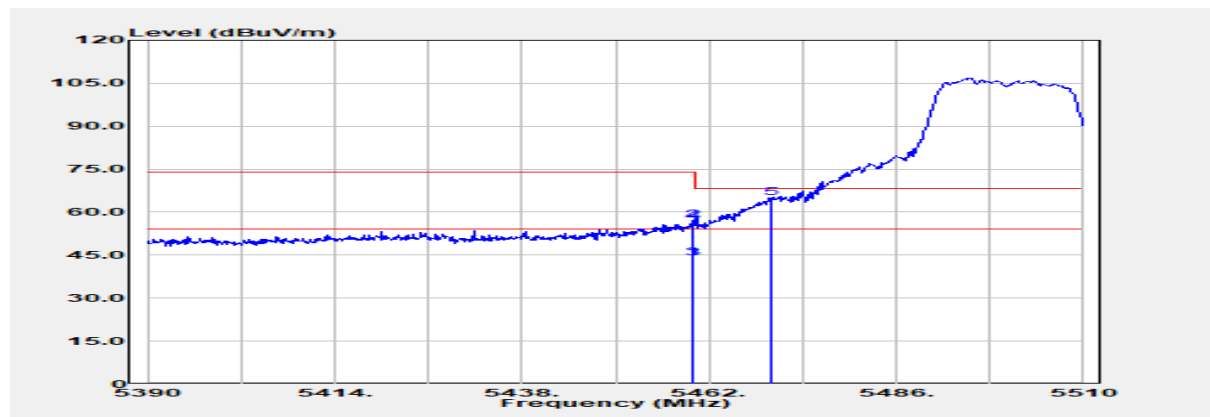
Temp./Humi. :21.6/62

Test Mode :BE CH Low

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5459.840	Average	46.06	-2.19	43.88	54.00	-10.12
5459.840	Peak	59.26	-2.19	57.07	74.00	-16.93
5460.000	Average	46.02	-2.18	43.84	54.00	-10.16
5460.000	Peak	59.10	-2.18	56.92	74.00	-17.08
5470.000	Peak	67.31	-2.35	64.96	68.20	-3.24

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Report Number :E2/2021/30075

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 3

Test Date :2021-04-26

Test Frequency :5500 MHz

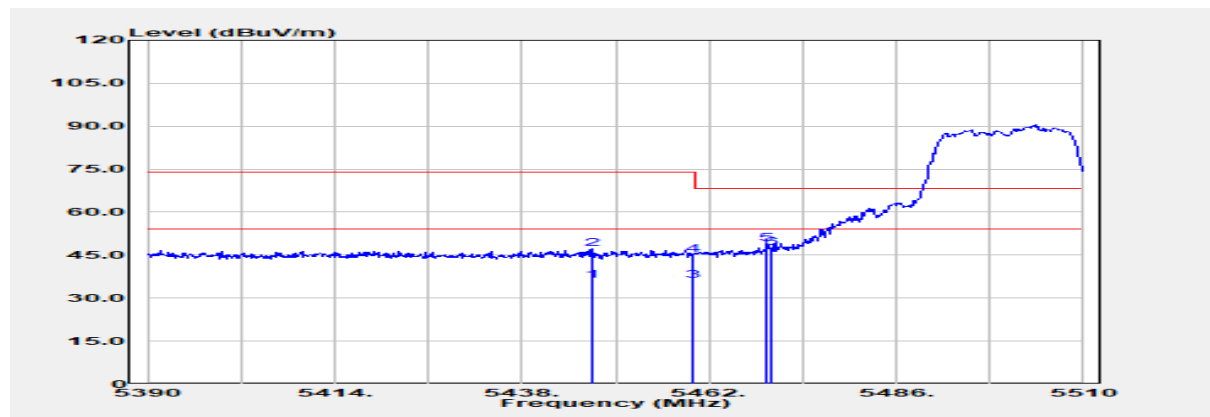
Temp./Humi. :21.6/62

Test Mode :BE CH Low

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



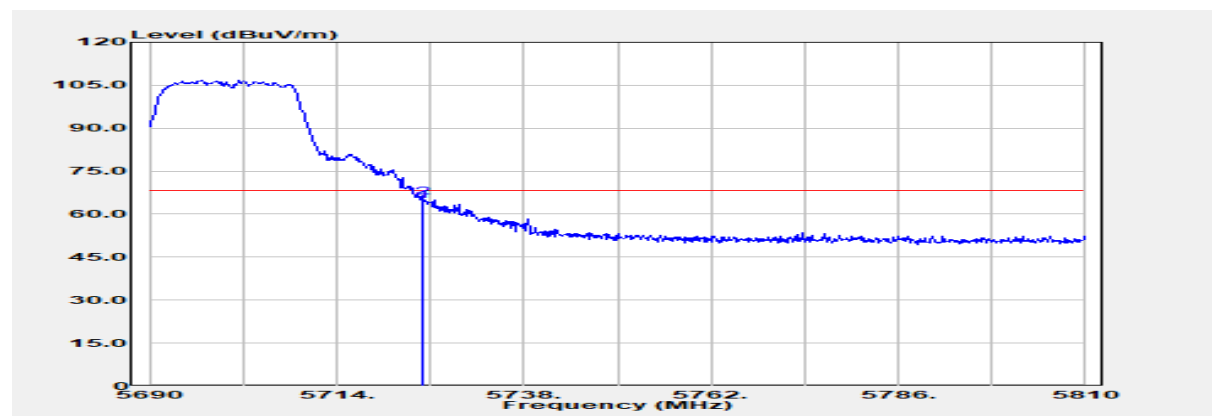
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5446.880	Average	38.46	-2.41	36.06	54.00	-17.94
5446.880	Peak	49.50	-2.41	47.09	74.00	-26.91
5460.000	Average	38.18	-2.18	36.00	54.00	-18.00
5460.000	Peak	47.44	-2.18	45.26	74.00	-28.74
5469.320	Peak	51.31	-2.34	48.97	68.20	-19.23
5470.000	Peak	49.77	-2.35	47.43	68.20	-20.77

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Report Number	:E2/2021/30075	Test Site	:966 Chamber D
Operation Mode	:802.11n20 / Band 3	Test Date	:2021-04-26
Test Frequency	:5700 MHz	Temp./Humi.	:21.6/62
Test Mode	:BE CH High	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5725.000	Peak	66.77	-1.98	64.80	68.20	-3.40
5725.160	Peak	67.99	-1.98	66.00	68.20	-2.20

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Report Number :E2/2021/30075

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 3

Test Date :2021-04-26

Test Frequency :5700 MHz

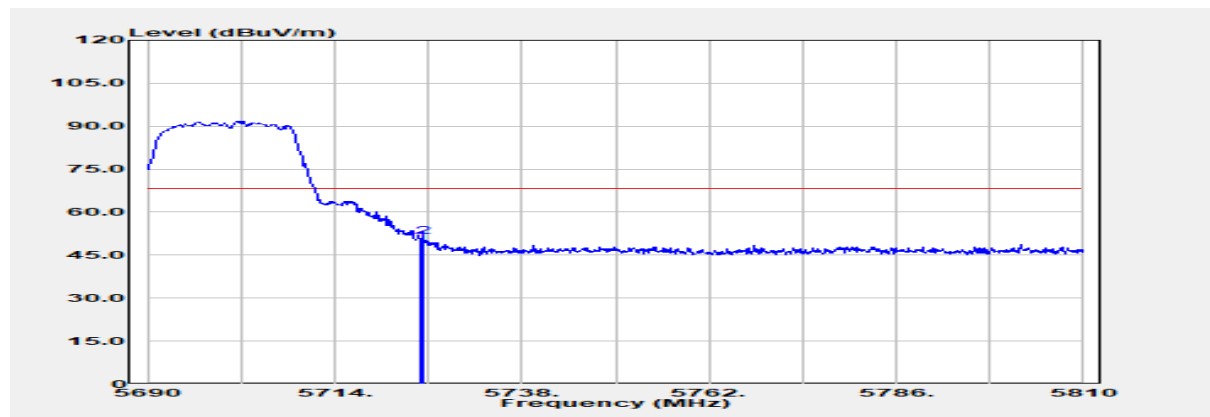
Temp./Humi. :21.6/62

Test Mode :BE CH High

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



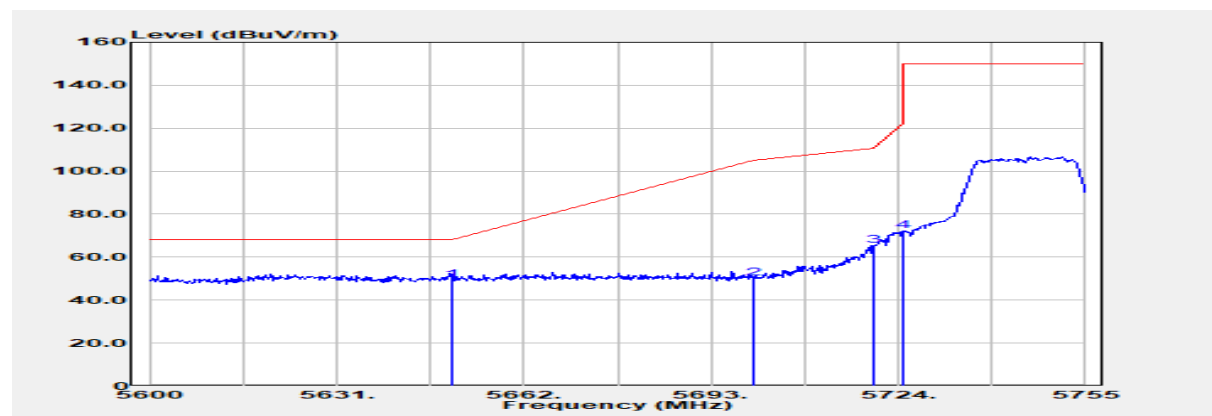
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5725.000	Peak	51.61	-1.98	49.63	68.20	-18.57
5725.280	Peak	53.56	-1.99	51.57	68.20	-16.63

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Report Number	:E2/2021/30075	Test Site	:966 Chamber D
Operation Mode	:802.11n20 / Band 4	Test Date	:2021-04-26
Test Frequency	:5745 MHz	Temp./Humi.	:21.6/62
Test Mode	:BE CH Low	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang



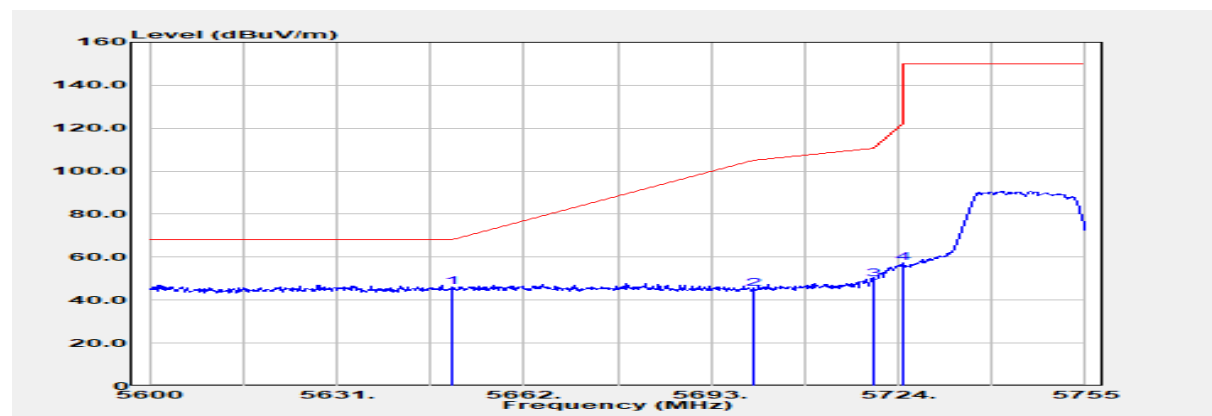
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5650.000	Peak	51.19	-2.00	49.19	68.20	-19.01
5700.000	Peak	52.26	-2.17	50.09	105.20	-55.11
5720.000	Peak	67.17	-1.70	65.48	110.80	-45.32
5725.000	Peak	74.00	-1.98	72.02	122.20	-50.18

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Report Number :E2/2021/30075	Test Site :966 Chamber D
Operation Mode :802.11n20 / Band 4	Test Date :2021-04-26
Test Frequency :5745 MHz	Temp./Humi. :21.6/62
Test Mode :BE CH Low	Antenna Pol. :Vertical
EUT Pol :E2 Plane	Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5650.000	Peak	48.08	-2.00	46.08	68.20	-22.12
5700.000	Peak	47.67	-2.17	45.51	105.20	-59.69
5720.000	Peak	51.35	-1.70	49.66	110.80	-61.14
5725.000	Peak	59.14	-1.98	57.17	122.20	-65.03

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Report Number :E2/2021/30075

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 4

Test Date :2021-04-26

Test Frequency :5825 MHz

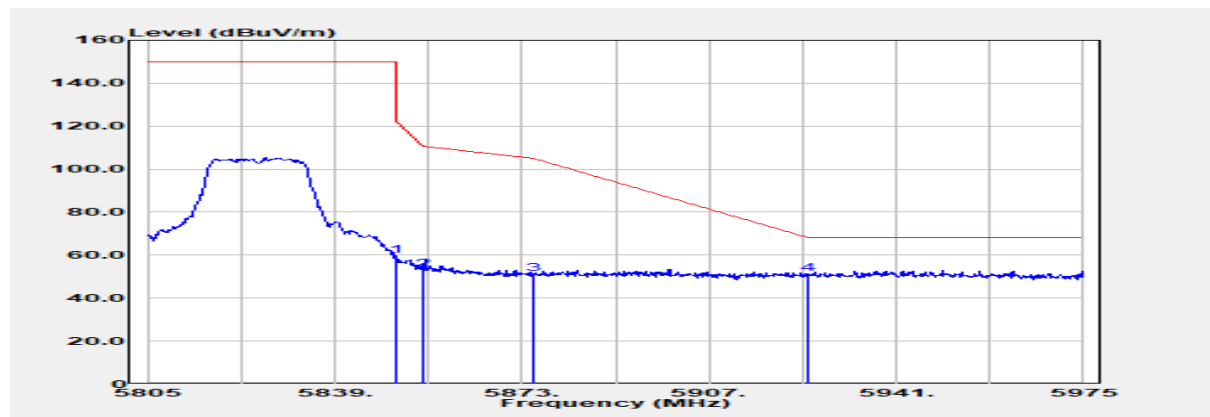
Temp./Humi. :21.6/62

Test Mode :BE CH High

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5850.000	Peak	61.37	-1.57	59.80	122.20	-62.40
5855.000	Peak	54.72	-1.42	53.30	110.80	-57.50
5875.000	Peak	52.59	-1.42	51.17	105.20	-54.03
5925.000	Peak	52.20	-0.99	51.21	68.20	-16.99

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Report Number :E2/2021/30075

Test Site :966 Chamber D

Operation Mode :802.11n20 / Band 4

Test Date :2021-04-26

Test Frequency :5825 MHz

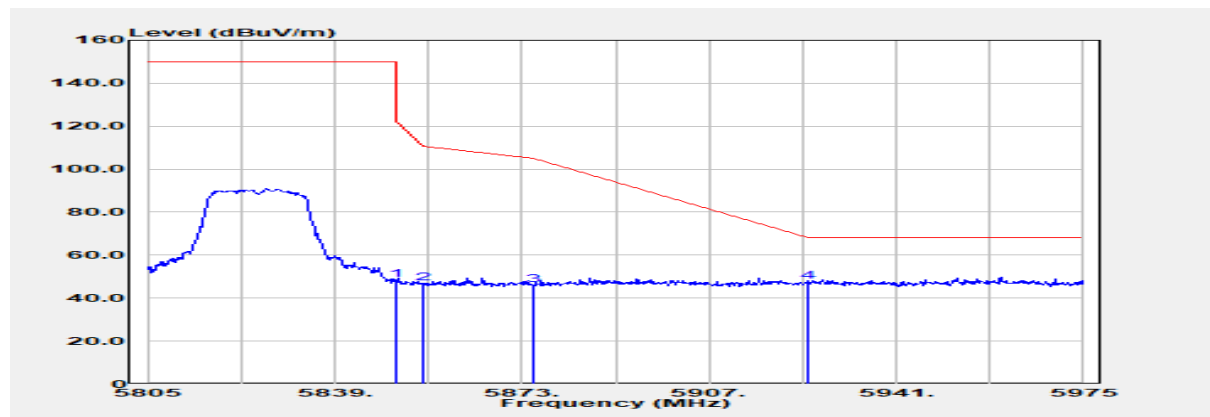
Temp./Humi. :21.6/62

Test Mode :BE CH High

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5850.000	Peak	50.23	-1.57	48.66	122.20	-73.54
5855.000	Peak	48.39	-1.42	46.97	110.80	-63.83
5875.000	Peak	47.40	-1.42	45.98	105.20	-59.22
5925.000	Peak	48.70	-0.99	47.71	68.20	-20.49

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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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