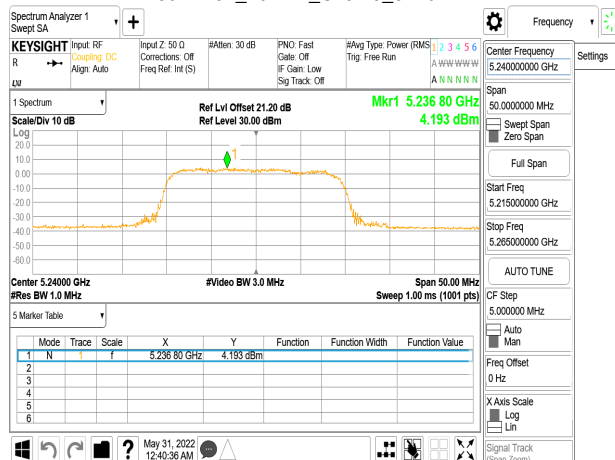


802.11ax_20MHz_Chain3_5180MHz_RU26_0



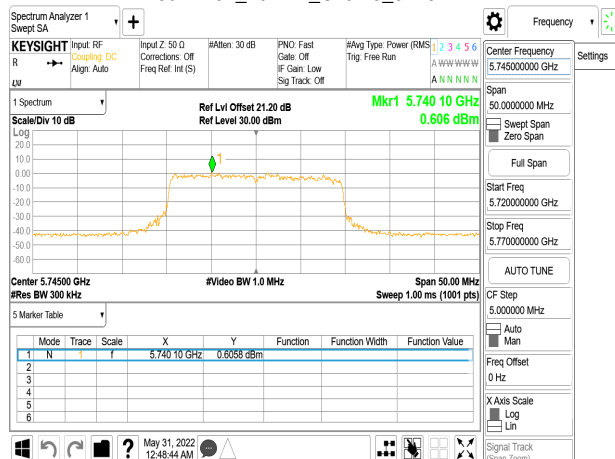
802.11ax_20MHz_Chain3_5240MHz



802.11ax_20MHz_Chain3_5180MHz_RU52_37



802.11ax_20MHz_Chain3_5745MHz



802.11ax_20MHz_Chain3_5220MHz



802.11ax_20MHz_Chain3_5745MHz_RU106_53



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802.11ax_20MHz_Chain3_5745MHz_RU26_0



802.11ax_20MHz_Chain3_5825MHz



802.11ax_20MHz_Chain3_5745MHz_RU52_37



802.11ax_20MHz_Chain3_5825MHz_RU106_54



802.11ax_20MHz_Chain3_5785MHz



802.11ax_20MHz_Chain3_5825MHz_RU26_8



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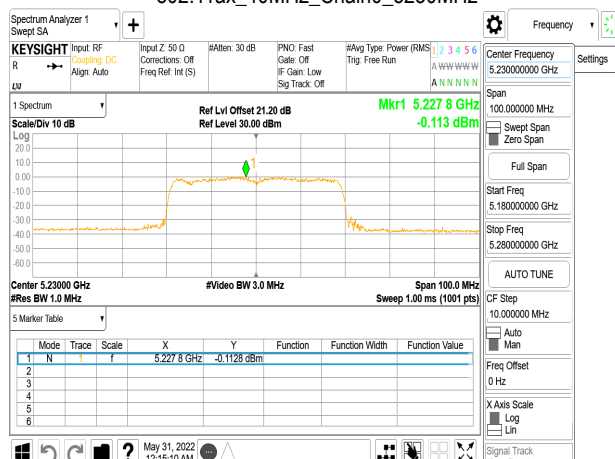
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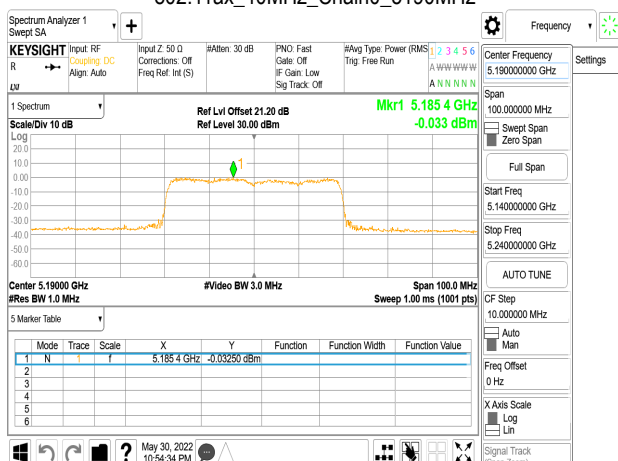
802.11ax_20MHz_Chain3_5825MHz_RU52_40



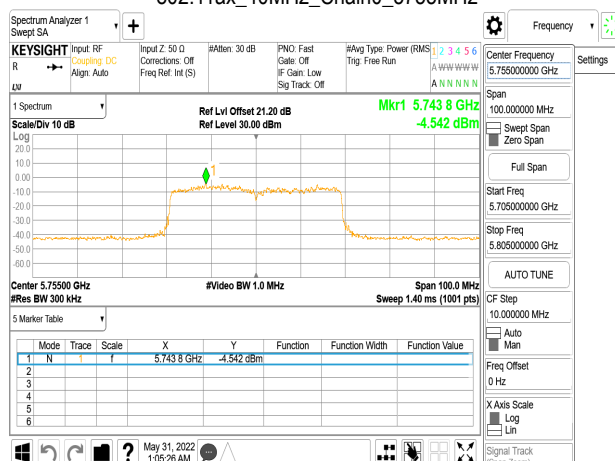
802.11ax_40MHz_Chain0_5230MHz



802.11ax_40MHz_Chain0_5190MHz



802.11ax_40MHz_Chain0_5755MHz



802.11ax_40MHz_Chain0_5190MHz_RU242_61



802.11ax_40MHz_Chain0_5755MHz_RU242_61



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802.11ax_40MHz_Chain0_5795MHz



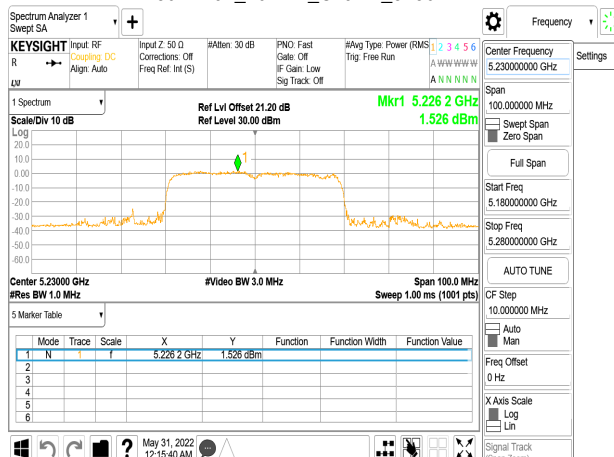
802.11ax_40MHz_Chain1_5190MHz_RU242_61



802.11ax_40MHz_Chain0_5795MHz_RU242_62



802.11ax_40MHz_Chain1_5230MHz



802.11ax_40MHz_Chain1_5190MHz



802.11ax_40MHz_Chain1_5755MHz



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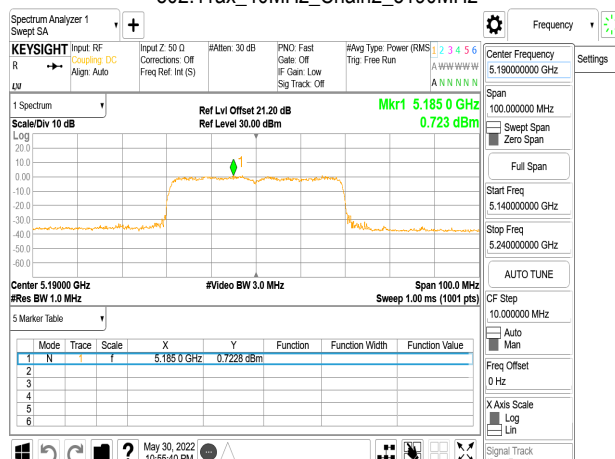
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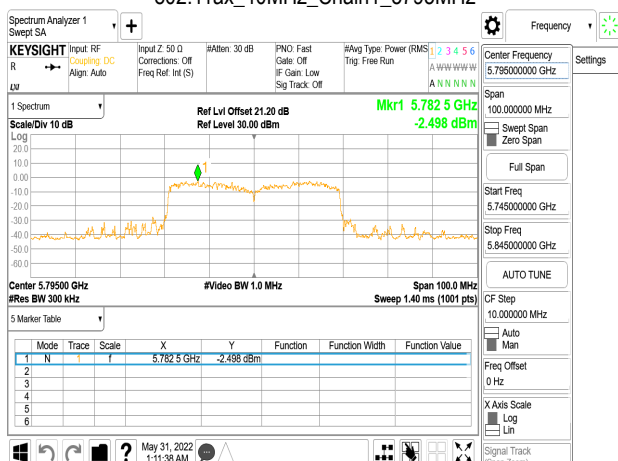
802.11ax_40MHz_Chain1_5755MHz_RU242_61



802.11ax_40MHz_Chain2_5190MHz



802.11ax_40MHz_Chain1_5795MHz



802.11ax_40MHz_Chain2_5190MHz_RU242_61



802.11ax_40MHz_Chain1_5795MHz_RU242_62



802.11ax_40MHz_Chain2_5230MHz

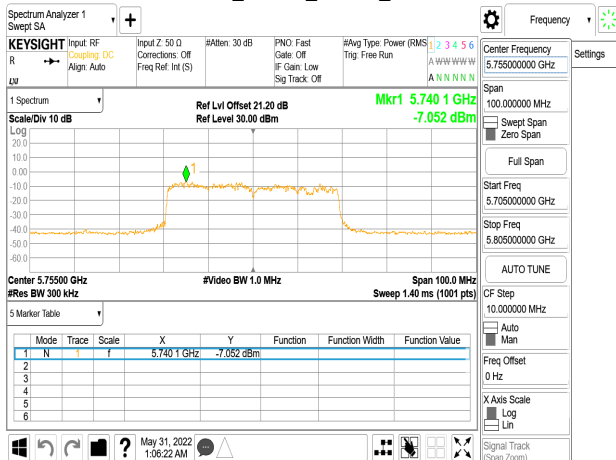


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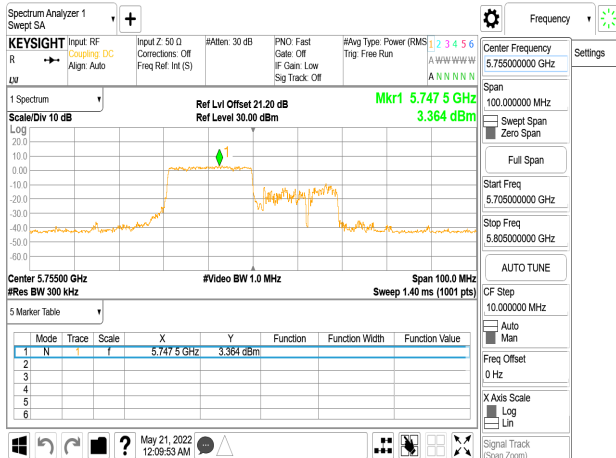
802.11ax_40MHz_Chain2_5755MHz



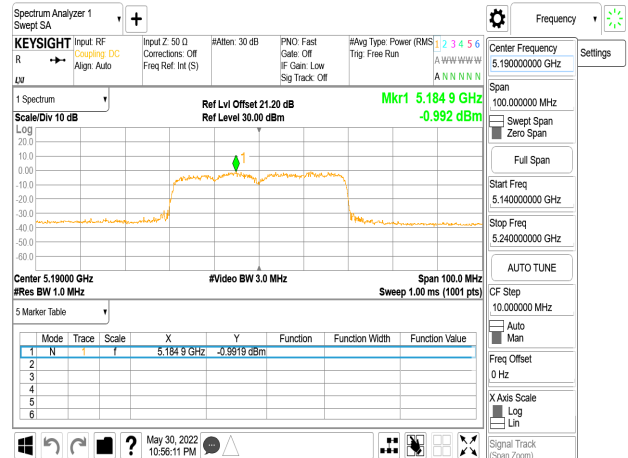
802.11ax_40MHz_Chain2_5795MHz_RU242_62



802.11ax_40MHz_Chain2_5755MHz_RU242_61



802.11ax_40MHz_Chain3_5190MHz



802.11ax_40MHz_Chain2_5795MHz



802.11ax_40MHz_Chain3_5190MHz_RU242_61

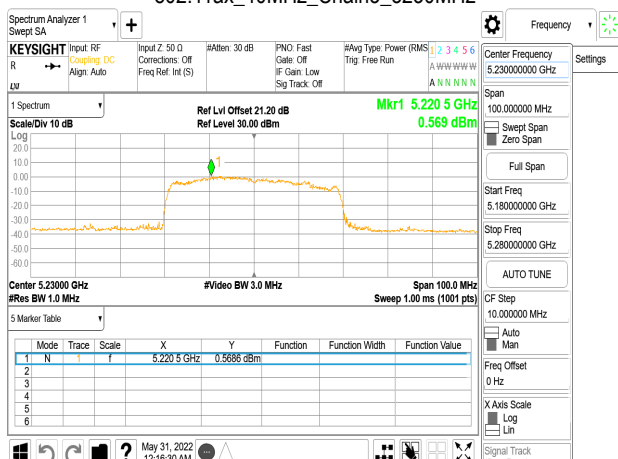


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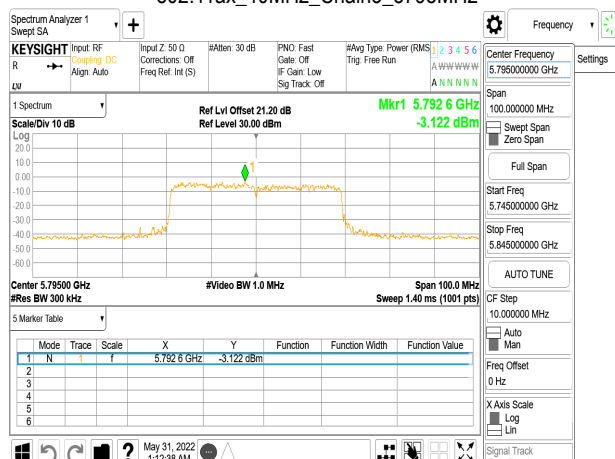
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802.11ax_40MHz_Chain3_5230MHz



802.11ax_40MHz_Chain3_5795MHz



802.11ax_40MHz_Chain3_5755MHz



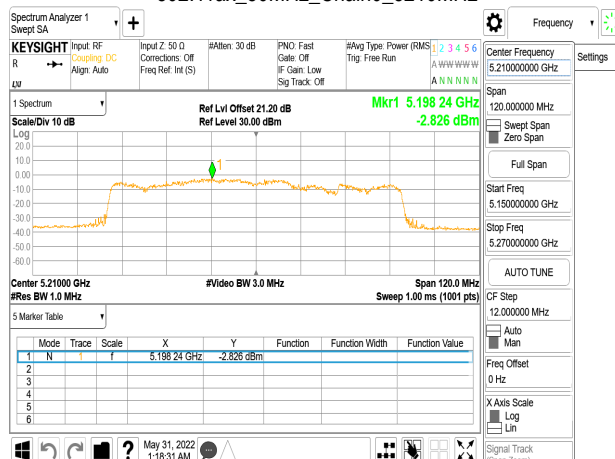
802.11ax_40MHz_Chain3_5795MHz_RU242_62



802.11ax_40MHz_Chain3_5755MHz_RU242_61



802.11ax_80MHz_Chain0_5210MHz



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802.11ax_80MHz_Chain0_5210MHz_RU484_65



802.11ax_80MHz_Chain0_5775MHz_RU484_66



802.11ax_80MHz_Chain0_5775MHz



802.11ax_80MHz_Chain1_5210MHz



802.11ax_80MHz_Chain0_5775MHz_RU484_65



802.11ax_80MHz_Chain1_5210MHz_RU484_65

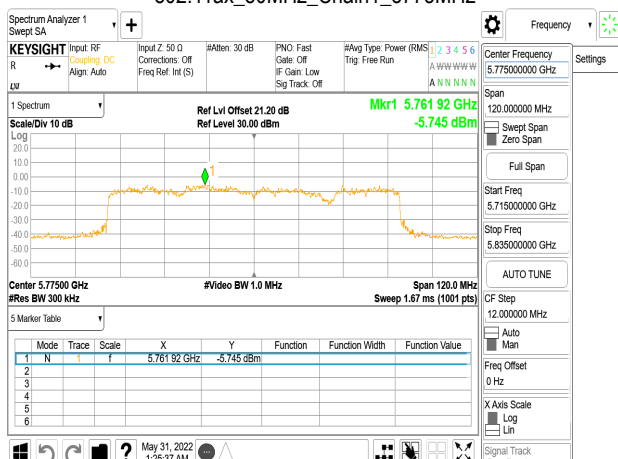


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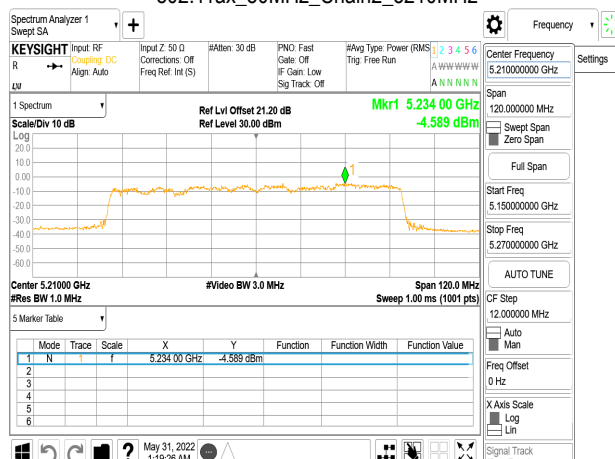
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802.11ax_80MHz_Chain1_5775MHz



802.11ax_80MHz_Chain2_5210MHz



802.11ax_80MHz_Chain1_5775MHz_RU484_65



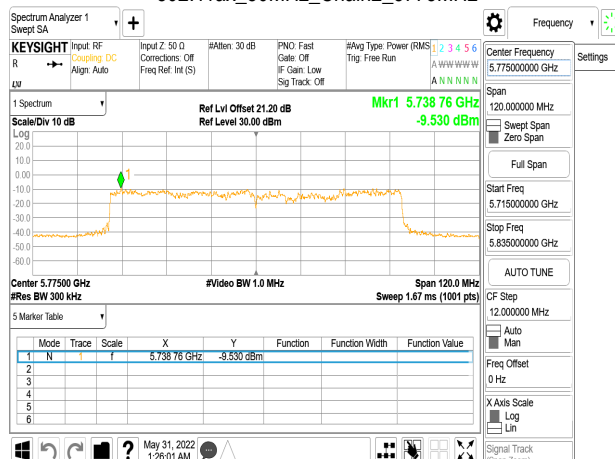
802.11ax_80MHz_Chain2_5210MHz_RU484_65



802.11ax_80MHz_Chain1_5775MHz_RU484_66



802.11ax_80MHz_Chain2_5775MHz



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802.11ax_80MHz_Chain2_5775MHz_RU484_65



802.11ax_80MHz_Chain3_5210MHz_RU484_65



802.11ax_80MHz_Chain2_5775MHz_RU484_66



802.11ax_80MHz_Chain3_5775MHz



802.11ax_80MHz_Chain3_5210MHz



802.11ax_80MHz_Chain3_5775MHz_RU484_65



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802.11ax_80MHz_Chain3_5775MHz_RU484_66



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11 UNDESIRABLE RADIATED EMISSION MEASUREMENT

11.1 Standard Applicable

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

11.1.1 5150~5850 MHz

Applicable to	Operation Freq. (MHz)	EIRP		Field Strength @ 3m (dBμV/m)
		Freq. (MHz)	Limits (dBm/MHz)	
15.407(b)(1) RSS-247 §6.2.1.2	5150~5250	$f \leq 5150$ $f \geq 5350$	PK: -27	PK: 68.2
15.407(b)(2) RSS-247 §6.2.2.2	5250~5350			
15.407(b)(3) RSS-247 §6.2.3.2	5475~5725	$f \leq 5470$ $f \geq 5725$		
15.407(b)(4)(i) RSS-247 §6.2.4.2	5725~5850	at 75 MHz or more above or below the band edge	PK:-27	PK: 68.2
		increasing linearly from 75~25MHz above or below the band edge	PK:-27~10	PK: 68.2~105.2
		increasing linearly from 25~5MHz above or below the band edge	PK:10~15.6	PK: 105.2~110.8
		increasing linearly from 5~0 MHz above or below the band edge	PK: 15.6~27	PK:110.8~122.2

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:

- The lower limit shall apply at the transition frequencies.

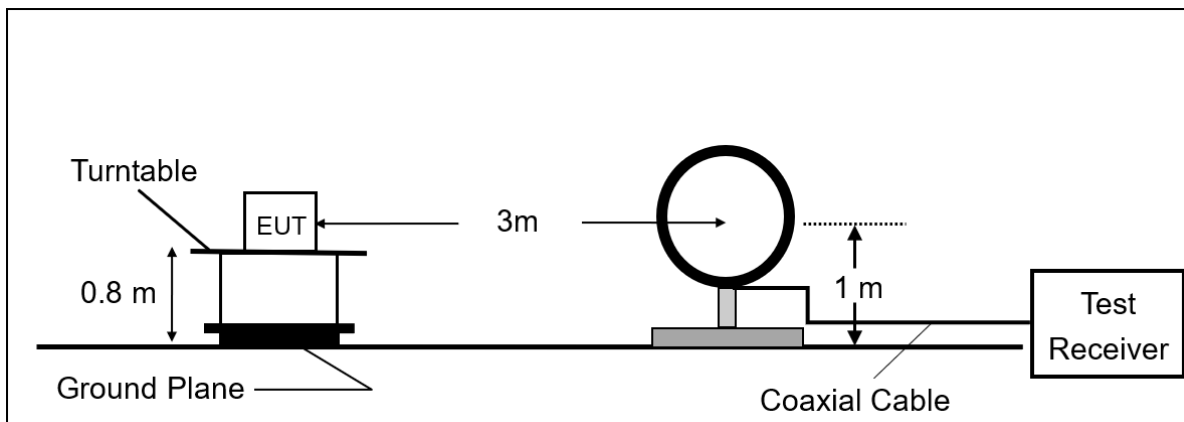
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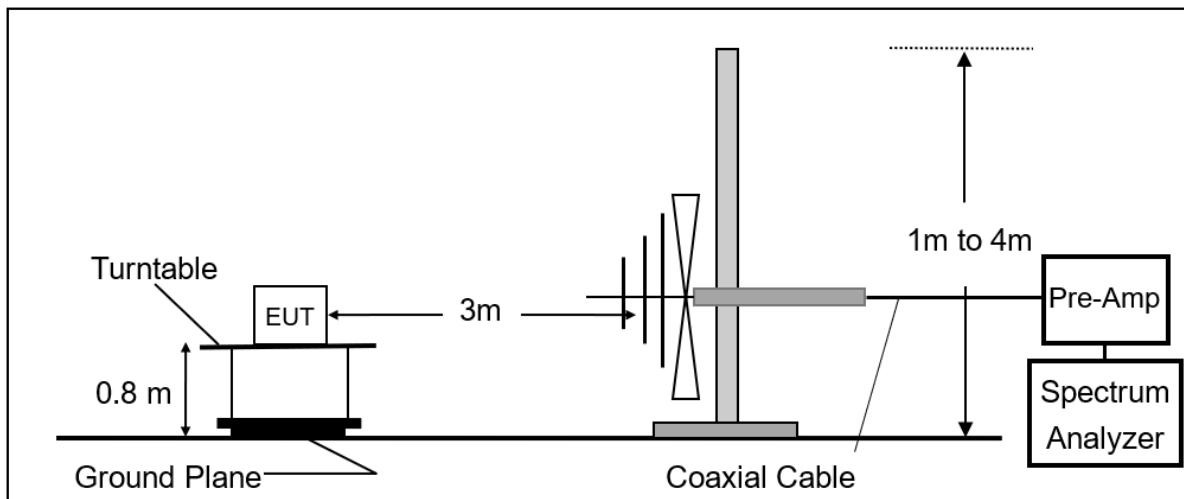
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11.2 Test Setup

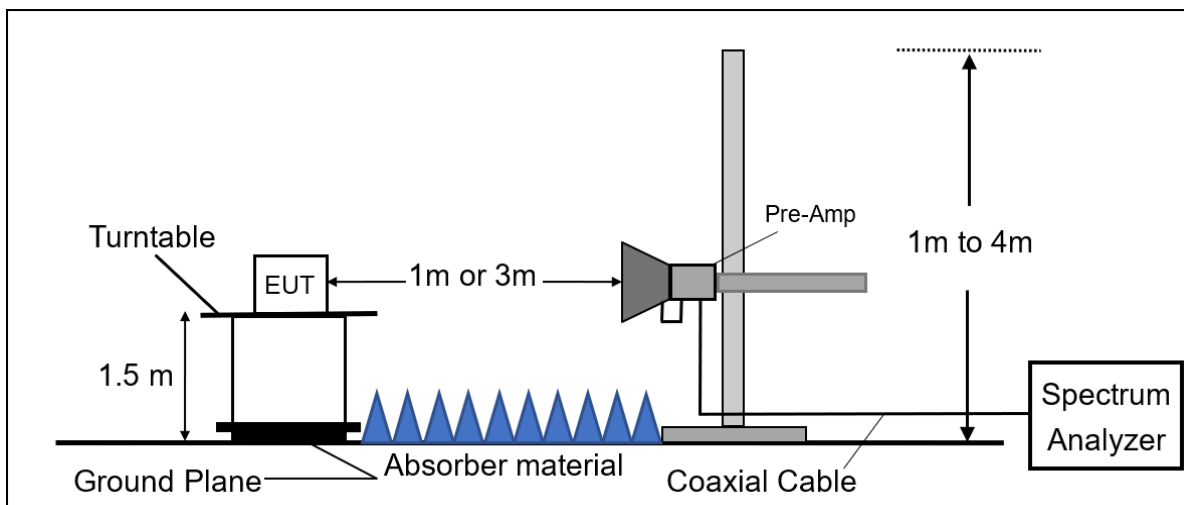
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



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



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



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11.3 Measurement Procedure

1. The testing follows FCC KDB 789033 D02.
2. The EUT was placed on a turn table with 0.8m for frequency < 1GHz and 1.5m for frequency > 1GHz above ground plane.
3. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
4. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
5. Set the spectrum analyzer as RBW=100 kHz and VBW=300 kHz for Peak Detector (PK) at frequency between 30MHz and 1 GHz
6. Use receiver mode as RBW=120 kHz for Quasi-peak (QP) at frequency between 30MHz and 1 GHz.
7. Set the spectrum analyzer as RBW=1 MHz, VBW=3 MHz for Maximum Emission Measurements at frequency above 1 GHz.
8. Set the spectrum analyzer as RBW=1 MHz, VBW=10 Hz (Duty cycle > 98%) or VBW $\geq 1/T$ (Duty cycle < 98%) for Average Emission Measurements at frequency above 1 GHz.
9. When measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.
10. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
11. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
12. Repeat above procedures until all frequency measured were complete.

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11.4 Field Strength Calculation

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

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

Where *FS* = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

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

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

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

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

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

Pre-scan 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) was not reported.

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11.6 Radiated Spurious Emission Measurement Result

11.6.1 Spurious Emission

Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-05-20

Test Frequency :5220 MHz

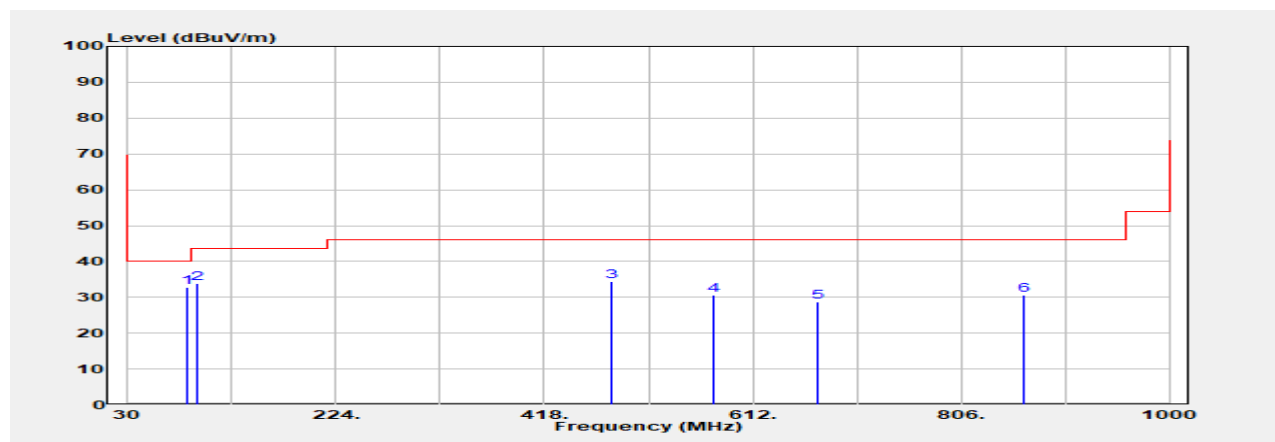
Temp./Humi. :24.2/55

Test Mode :TX CH MID

Antenna Pol. :Vertical

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
85.290	Peak	51.21	-18.29	32.93	40.00	-7.07
94.990	Peak	52.51	-18.60	33.91	43.50	-9.59
480.080	Peak	42.37	-8.06	34.31	46.00	-11.69
576.110	Peak	36.65	-5.89	30.76	46.00	-15.24
672.140	Peak	33.36	-4.51	28.84	46.00	-17.16
864.200	Peak	31.26	-0.56	30.70	46.00	-15.30

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-05-20

Test Frequency :5220 MHz

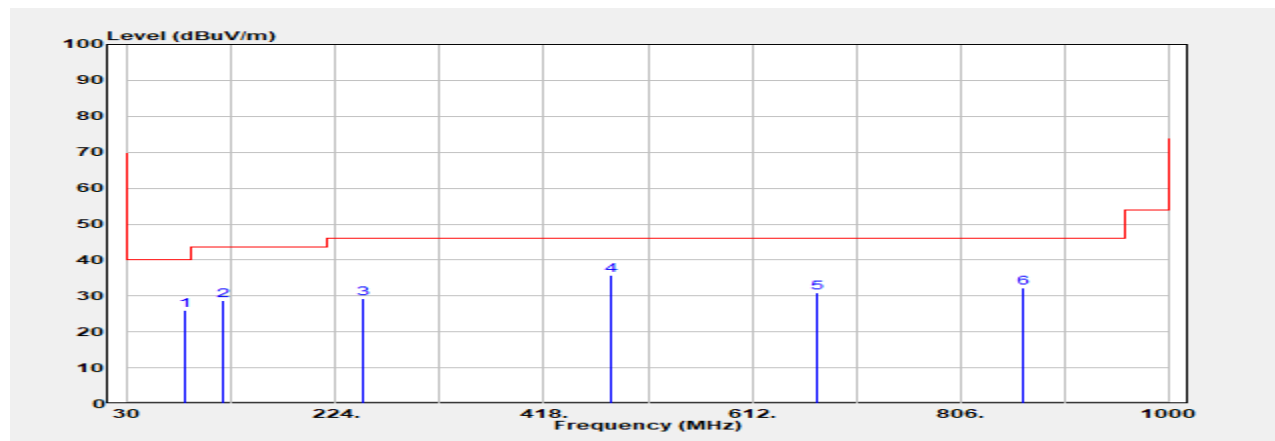
Temp./Humi. :24.2/55

Test Mode :TX CH MID

Antenna Pol. :Horizontal

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
83.350	Peak	44.00	-17.92	26.07	40.00	-13.93
119.240	Peak	44.13	-15.43	28.70	43.50	-14.80
250.190	Peak	43.40	-14.24	29.16	46.00	-16.84
480.080	Peak	43.90	-8.06	35.84	46.00	-10.16
672.140	Peak	35.42	-4.51	30.90	46.00	-15.10
864.200	Peak	32.89	-0.56	32.33	46.00	-13.67

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-05-20

Test Frequency :5785 MHz

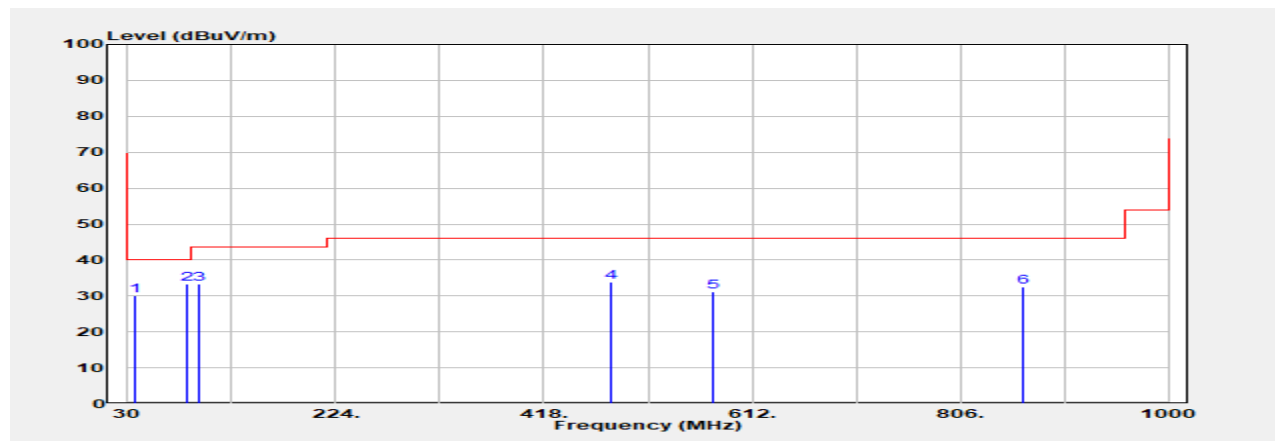
Temp./Humi. :24.2/55

Test Mode :TX CH MID

Antenna Pol. :Vertical

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
36.790	Peak	43.80	-13.81	29.99	40.00	-10.01
85.290	Peak	51.51	-18.29	33.22	40.00	-6.78
95.960	Peak	52.00	-18.60	33.40	43.50	-10.10
480.080	Peak	42.06	-8.06	34.00	46.00	-12.00
576.110	Peak	37.12	-5.89	31.22	46.00	-14.78
864.200	Peak	33.20	-0.56	32.64	46.00	-13.36

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-05-20

Test Frequency :5785 MHz

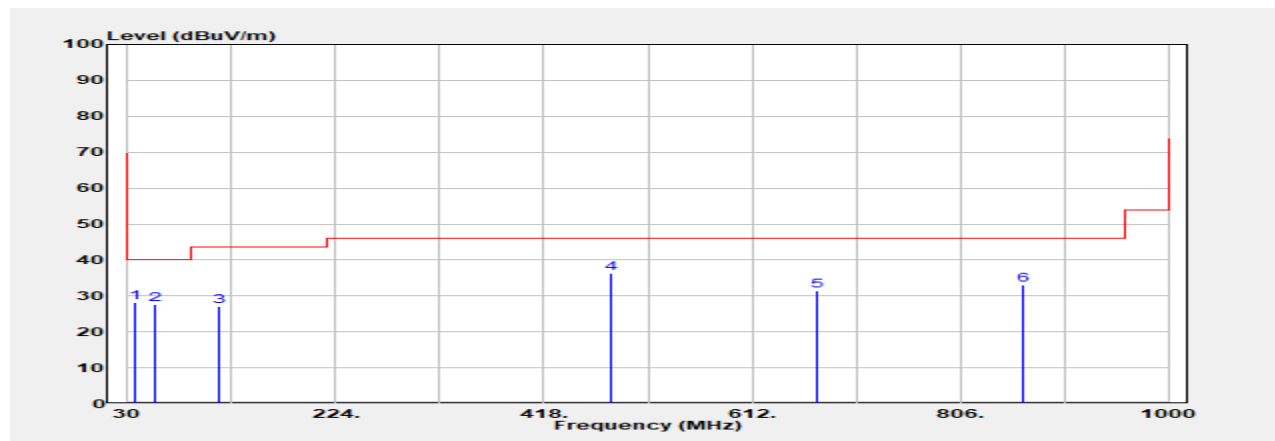
Temp./Humi. :24.2/55

Test Mode :TX CH MID

Antenna Pol. :Horizontal

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
36.790	Peak	42.03	-13.81	28.22	40.00	-11.78
55.220	Peak	41.03	-13.29	27.74	40.00	-12.26
114.390	Peak	42.90	-15.83	27.07	43.50	-16.43
480.080	Peak	44.32	-8.06	36.26	46.00	-9.74
672.140	Peak	35.95	-4.51	31.44	46.00	-14.56
864.200	Peak	33.50	-0.56	32.93	46.00	-13.07

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11ac80

Test Date :2022-05-20

Test Frequency :5210 MHz

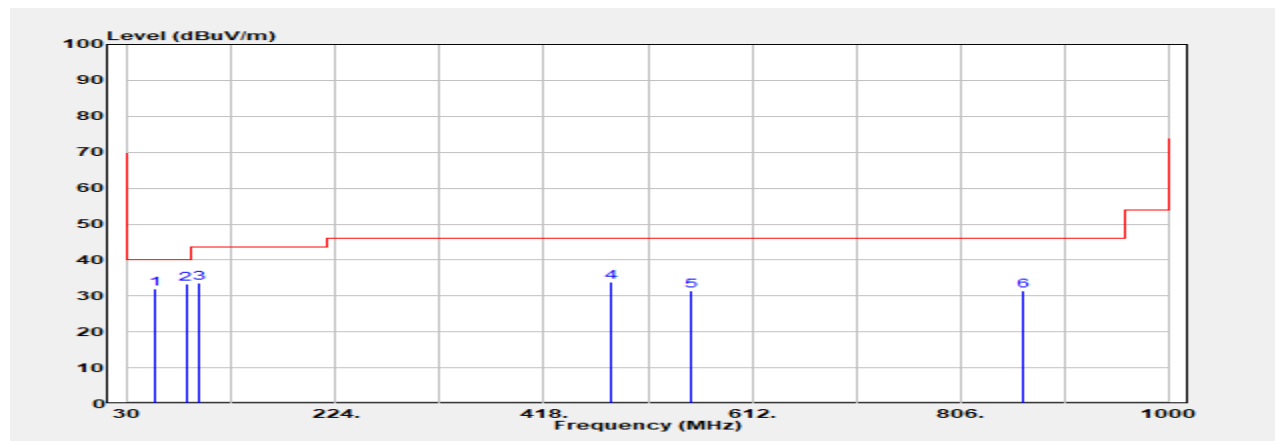
Temp./Humi. :24.2/55

Test Mode :TX CH LOW

Antenna Pol. :Vertical

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
55.220	Peak	45.36	-13.29	32.07	40.00	-7.93
84.320	Peak	51.38	-18.10	33.27	40.00	-6.73
95.960	Peak	52.09	-18.60	33.49	43.50	-10.01
480.080	Peak	42.00	-8.06	33.94	46.00	-12.06
554.770	Peak	38.54	-7.02	31.53	46.00	-14.47
864.200	Peak	31.99	-0.56	31.43	46.00	-14.57

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11ac80

Test Date :2022-05-20

Test Frequency :5210 MHz

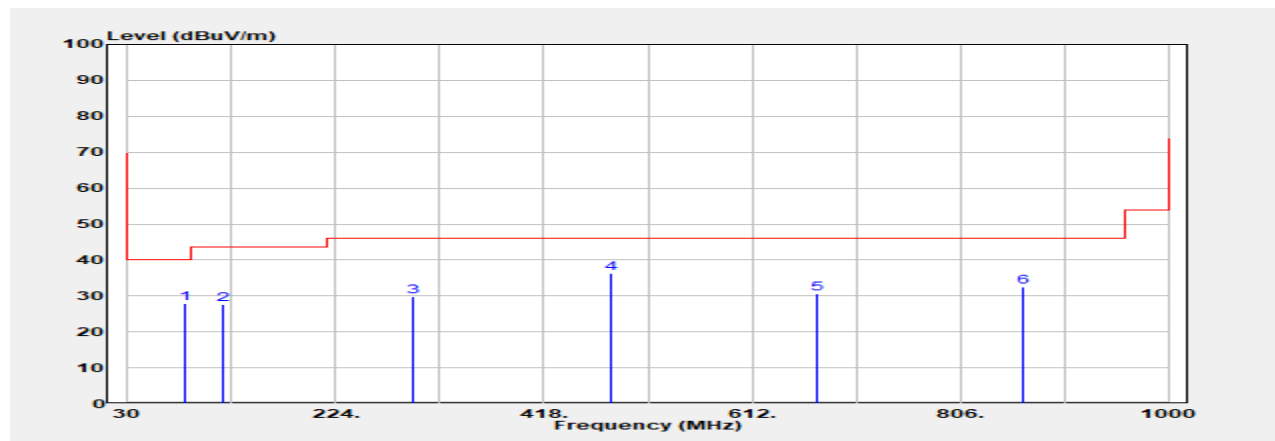
Temp./Humi. :24.2/55

Test Mode :TX CH LOW

Antenna Pol. :Horizontal

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
83.350	Peak	45.74	-17.92	27.82	40.00	-12.18
119.240	Peak	43.05	-15.43	27.62	43.50	-15.88
295.780	Peak	42.26	-12.58	29.68	46.00	-16.32
480.080	Peak	44.29	-8.06	36.23	46.00	-9.77
672.140	Peak	35.20	-4.51	30.69	46.00	-15.31
864.200	Peak	33.00	-0.56	32.43	46.00	-13.57

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-05-20

Test Frequency :5210 MHz

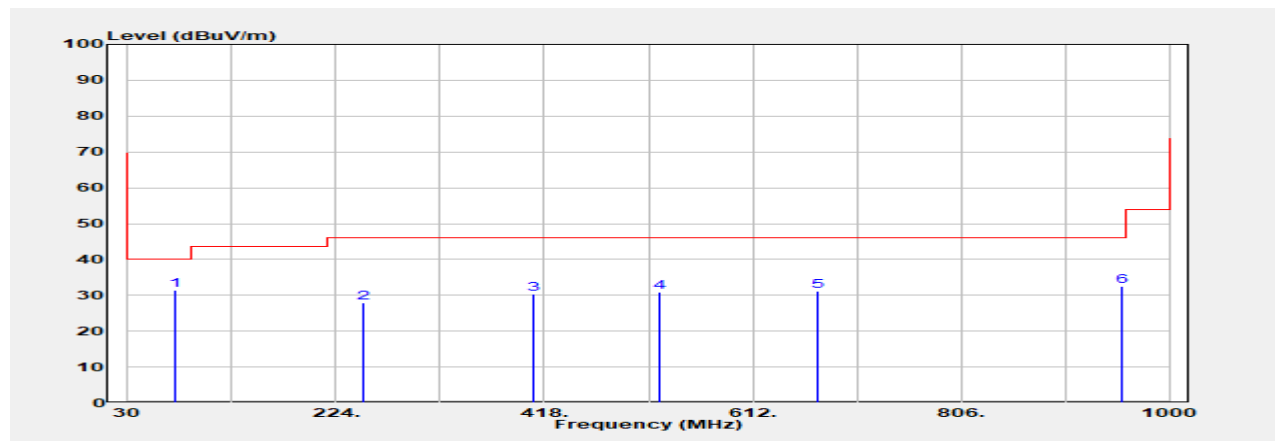
Temp./Humi. :24.2/55

Test Mode :TX CH LOW

Antenna Pol. :Vertical

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
74.620	Peak	47.55	-16.19	31.36	40.00	-8.64
250.190	Peak	42.09	-14.24	27.85	46.00	-18.15
408.300	Peak	40.16	-9.77	30.40	46.00	-15.60
524.700	Peak	38.22	-7.38	30.84	46.00	-15.16
672.140	Peak	35.73	-4.51	31.22	46.00	-14.78
956.350	Peak	31.85	0.60	32.45	46.00	-13.55

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-05-20

Test Frequency :5210 MHz

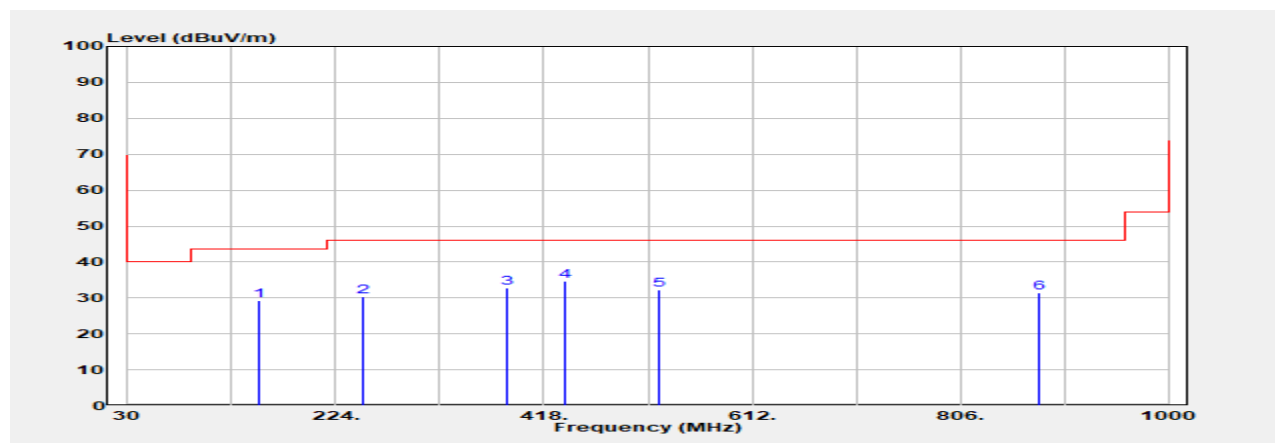
Temp./Humi. :24.2/55

Test Mode :TX CH LOW

Antenna Pol. :Horizontal

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
152.220	Peak	42.19	-13.02	29.17	43.50	-14.33
250.190	Peak	44.71	-14.24	30.46	46.00	-15.54
384.050	Peak	43.03	-10.24	32.78	46.00	-13.22
438.370	Peak	42.86	-8.15	34.71	46.00	-11.29
524.700	Peak	39.71	-7.38	32.33	46.00	-13.67
879.720	Peak	32.63	-1.18	31.45	46.00	-14.55

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-05-20

Test Frequency :5180 MHz

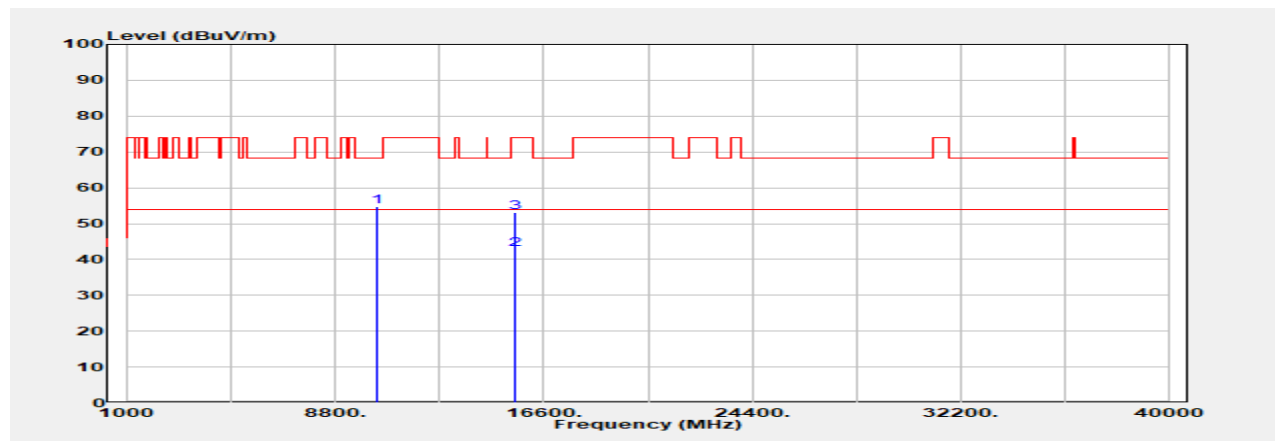
Temp./Humi. :24.2/55

Test Mode :TX CH LOW

Antenna Pol. :Vertical

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	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	45.71	8.98	54.69	68.20	-13.51
15540.000	Average	31.02	11.88	42.90	54.00	-11.10
15540.000	Peak	41.16	11.88	53.04	74.00	-20.96

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-05-20

Test Frequency :5180 MHz

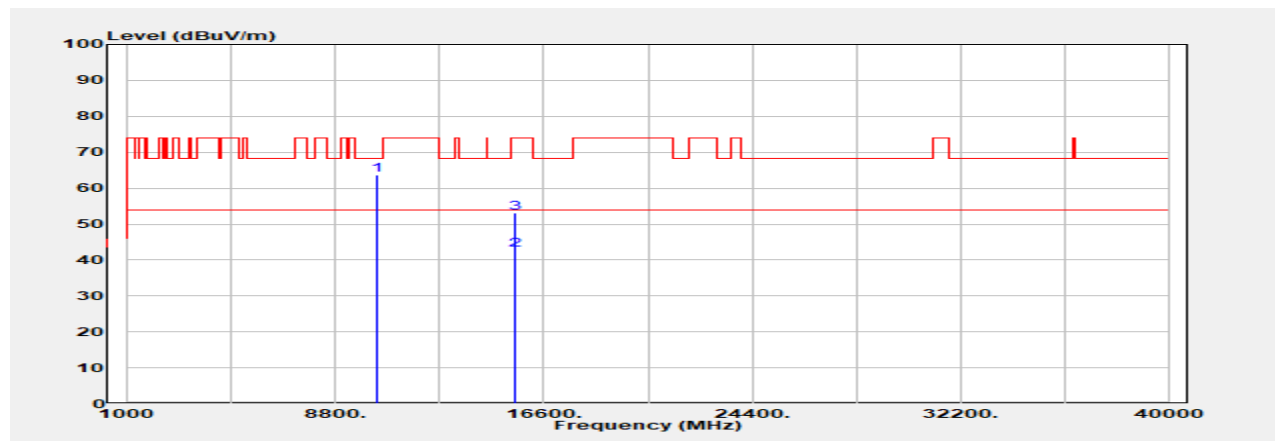
Temp./Humi. :24.2/55

Test Mode :TX CH LOW

Antenna Pol. :Horizontal

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	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	54.62	8.98	63.60	68.20	-4.60
15540.000	Average	30.88	11.88	42.76	54.00	-11.24
15540.000	Peak	41.14	11.88	53.02	74.00	-20.98

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-05-20

Test Frequency :5220 MHz

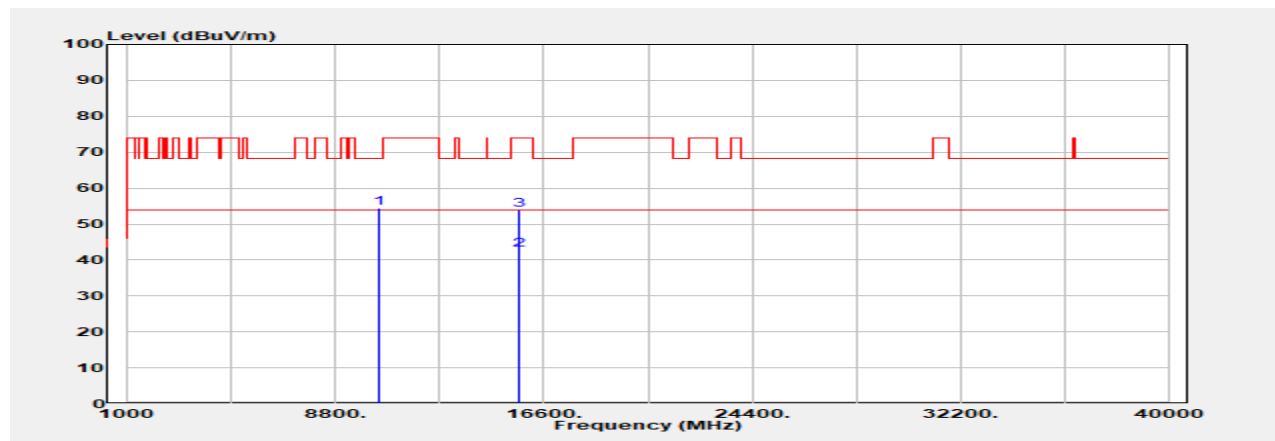
Temp./Humi. :24.2/55

Test Mode :TX CH MID

Antenna Pol. :Vertical

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	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	44.68	9.68	54.36	68.20	-13.84
15660.000	Average	31.30	11.61	42.90	54.00	-11.10
15660.000	Peak	42.31	11.61	53.92	74.00	-20.08

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-05-20

Test Frequency :5220 MHz

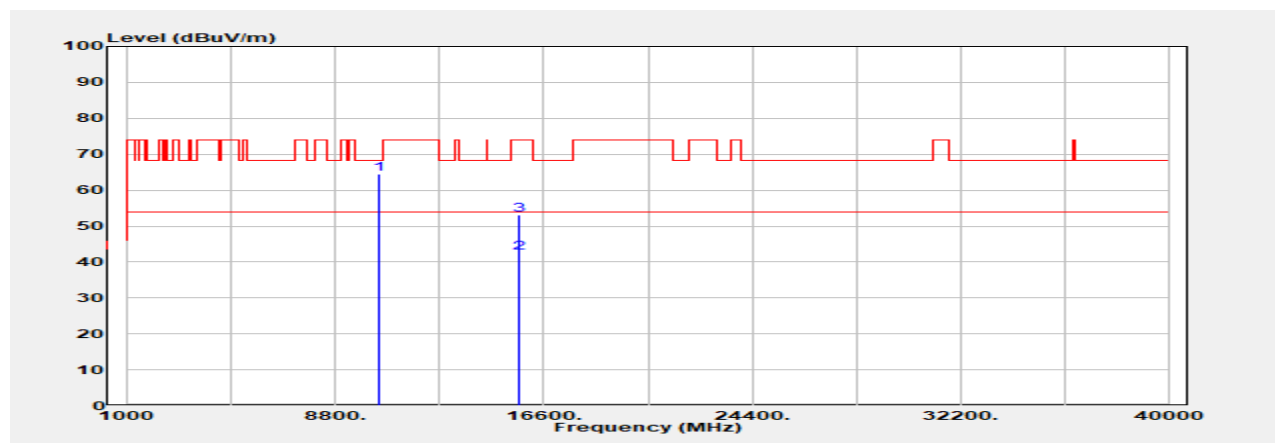
Temp./Humi. :24.2/55

Test Mode :TX CH MID

Antenna Pol. :Horizontal

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10440.000	Peak	54.78	9.68	64.46	68.20	-3.74
15660.000	Average	31.02	11.61	42.63	54.00	-11.37
15660.000	Peak	41.51	11.61	53.12	74.00	-20.88

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-05-20

Test Frequency :5240 MHz

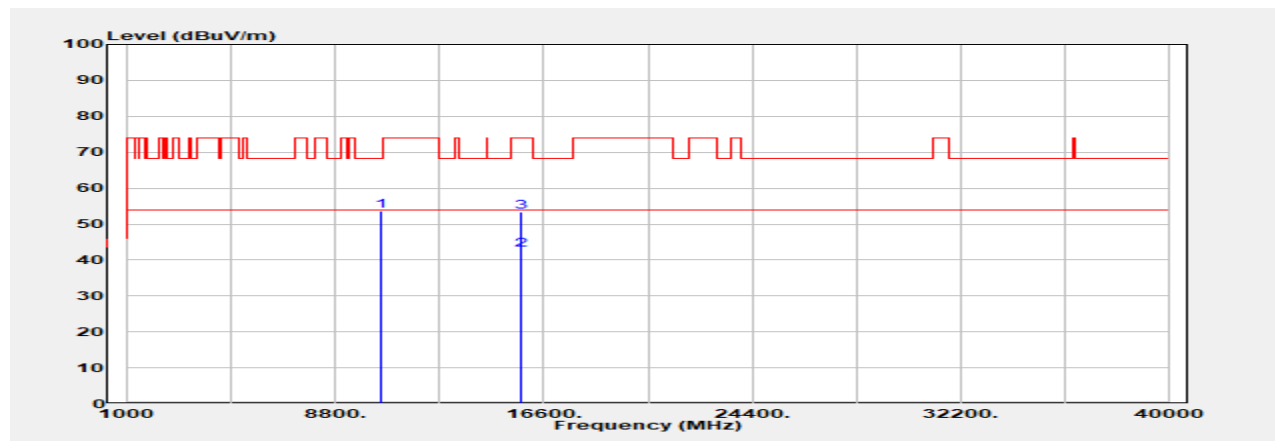
Temp./Humi. :24.2/55

Test Mode :TX CH HIGH

Antenna Pol. :Vertical

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	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	44.14	9.43	53.58	68.20	-14.62
15720.000	Average	31.33	11.41	42.74	54.00	-11.26
15720.000	Peak	41.91	11.41	53.32	74.00	-20.68

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-05-20

Test Frequency :5240 MHz

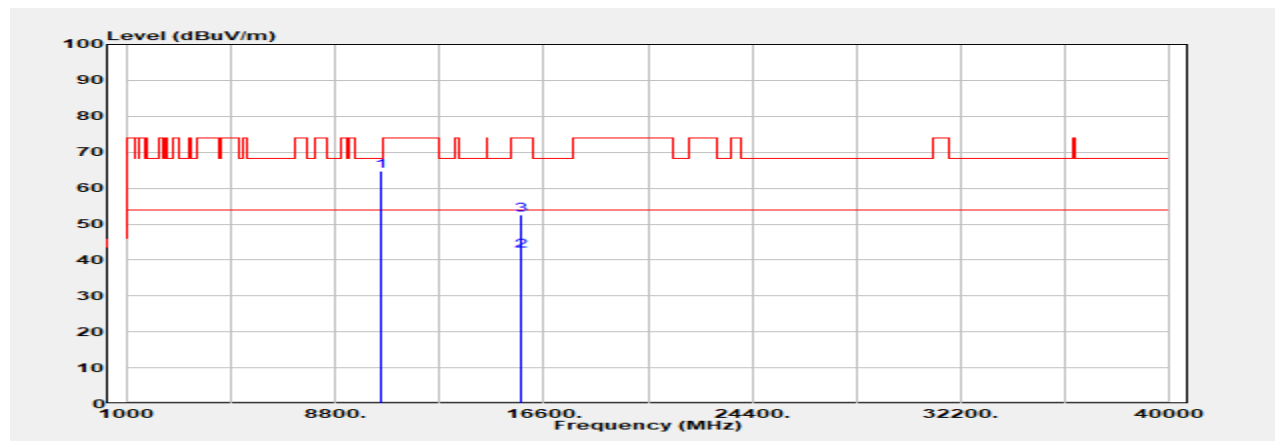
Temp./Humi. :24.2/55

Test Mode :TX CH HIGH

Antenna Pol. :Horizontal

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	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	55.34	9.43	64.77	68.20	-3.43
15720.000	Average	31.19	11.41	42.60	54.00	-11.40
15720.000	Peak	41.19	11.41	52.60	74.00	-21.40

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-05-20

Test Frequency :5745 MHz

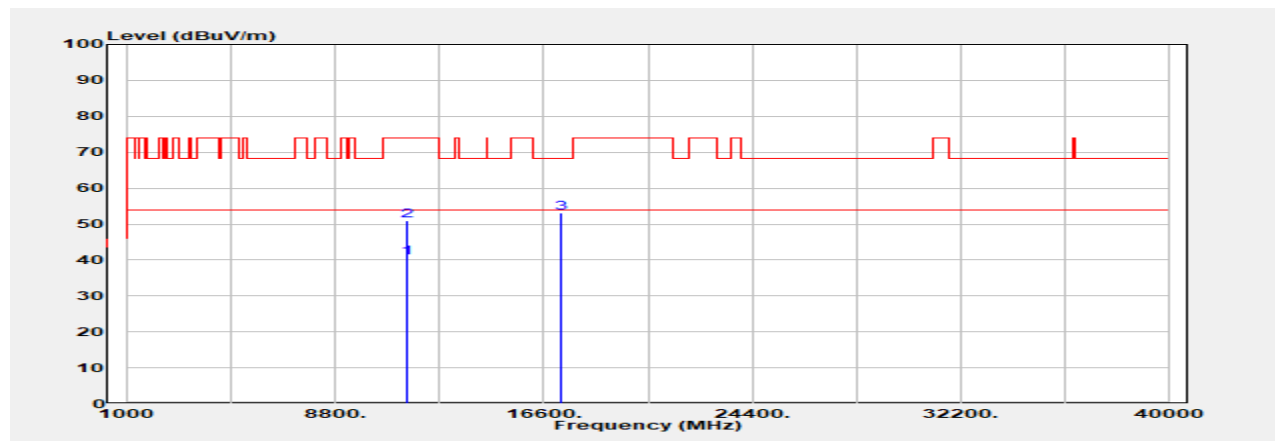
Temp./Humi. :24.2/55

Test Mode :TX CH LOW

Antenna Pol. :Vertical

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11490.000	Average	30.42	10.17	40.59	54.00	-13.41
11490.000	Peak	40.70	10.17	50.87	74.00	-23.13
17235.000	Peak	42.37	10.65	53.02	68.20	-15.18

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-05-20

Test Frequency :5745 MHz

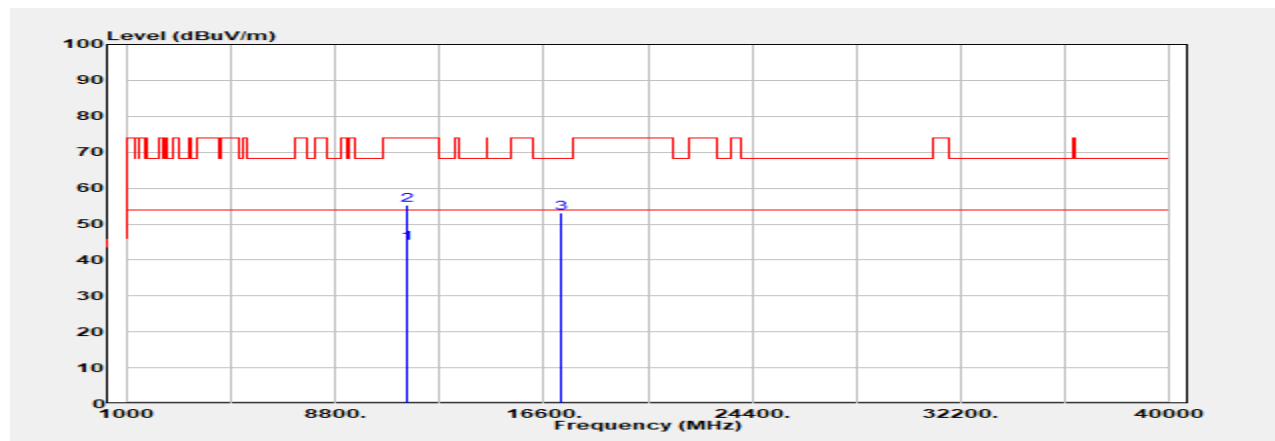
Temp./Humi. :24.2/55

Test Mode :TX CH LOW

Antenna Pol. :Horizontal

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11490.000	Average	34.64	10.17	44.82	54.00	-9.18
11490.000	Peak	45.21	10.17	55.38	74.00	-18.62
17235.000	Peak	42.49	10.65	53.14	68.20	-15.06

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-05-20

Test Frequency :5785 MHz

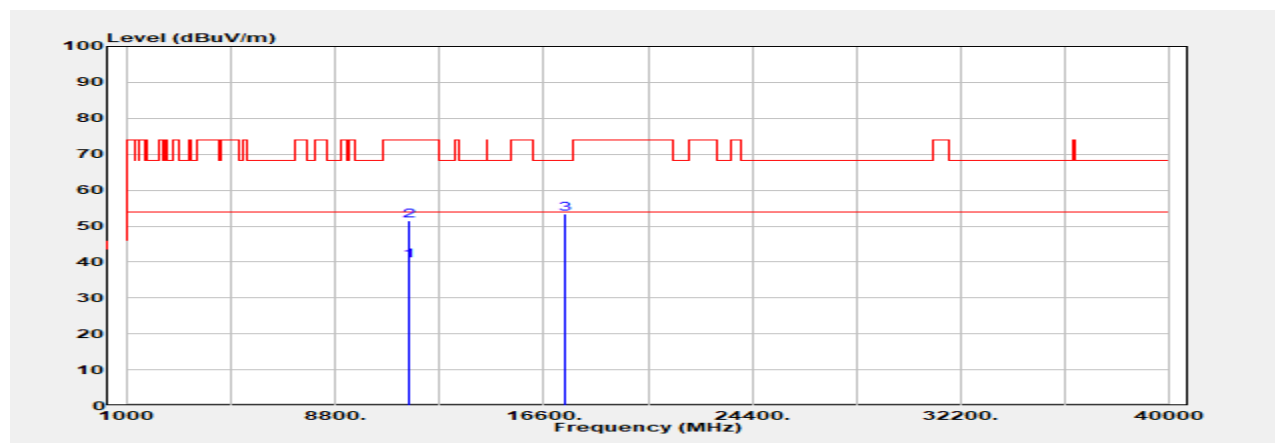
Temp./Humi. :24.2/55

Test Mode :TX CH MID

Antenna Pol. :Vertical

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11570.000	Average	30.34	10.00	40.34	54.00	-13.66
11570.000	Peak	41.36	10.00	51.36	74.00	-22.64
17355.000	Peak	42.52	10.90	53.42	68.20	-14.78

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-05-20

Test Frequency :5785 MHz

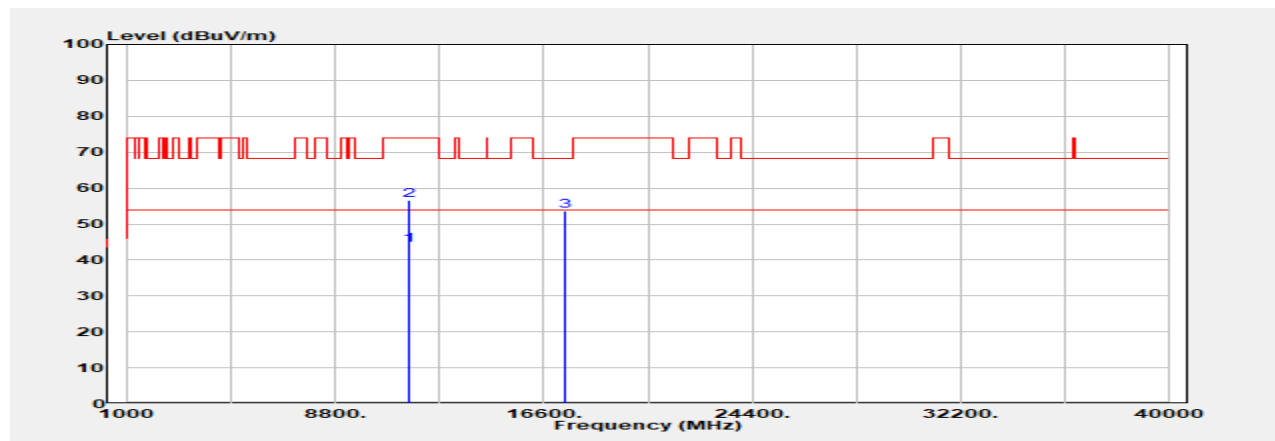
Temp./Humi. :24.2/55

Test Mode :TX CH MID

Antenna Pol. :Horizontal

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11570.000	Average	34.18	10.00	44.18	54.00	-9.82
11570.000	Peak	46.54	10.00	56.54	74.00	-17.46
17355.000	Peak	42.81	10.90	53.71	68.20	-14.49

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-05-20

Test Frequency :5825 MHz

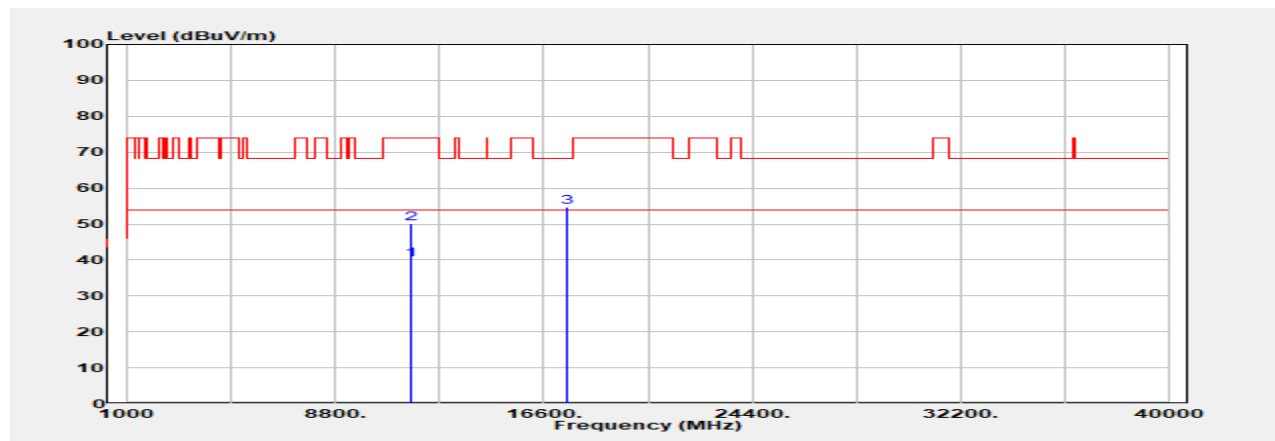
Temp./Humi. :24.2/55

Test Mode :TX CH HIGH

Antenna Pol. :Vertical

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11650.000	Average	30.10	10.00	40.10	54.00	-13.90
11650.000	Peak	40.17	10.00	50.17	74.00	-23.83
17475.000	Peak	44.01	10.78	54.79	68.20	-13.41

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-05-20

Test Frequency :5825 MHz

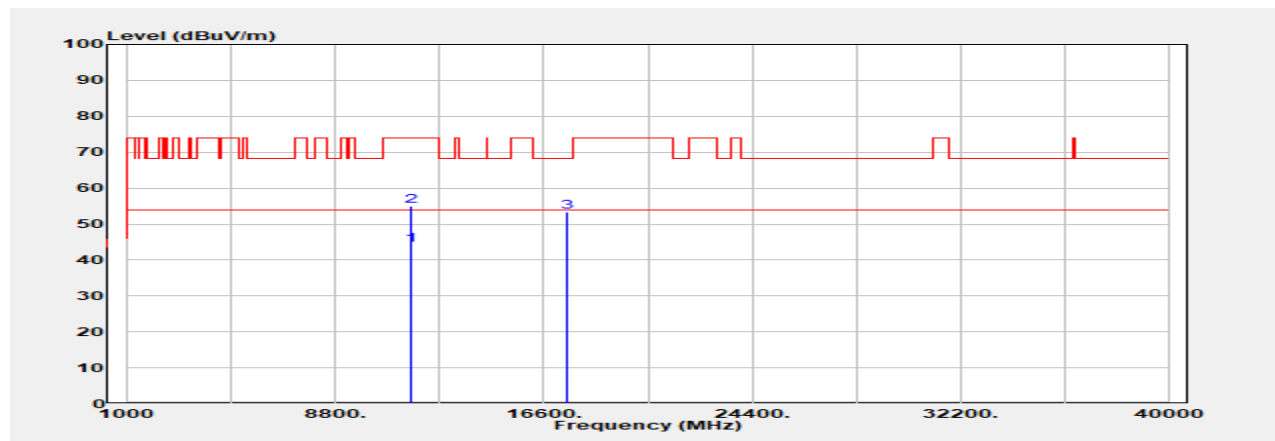
Temp./Humi. :24.2/55

Test Mode :TX CH HIGH

Antenna Pol. :Horizontal

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11650.000	Average	34.27	10.00	44.27	54.00	-9.73
11650.000	Peak	44.95	10.00	54.95	74.00	-19.05
17475.000	Peak	42.52	10.78	53.30	68.20	-14.90

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11ac20

Test Date :2022-05-20

Test Frequency :5180 MHz

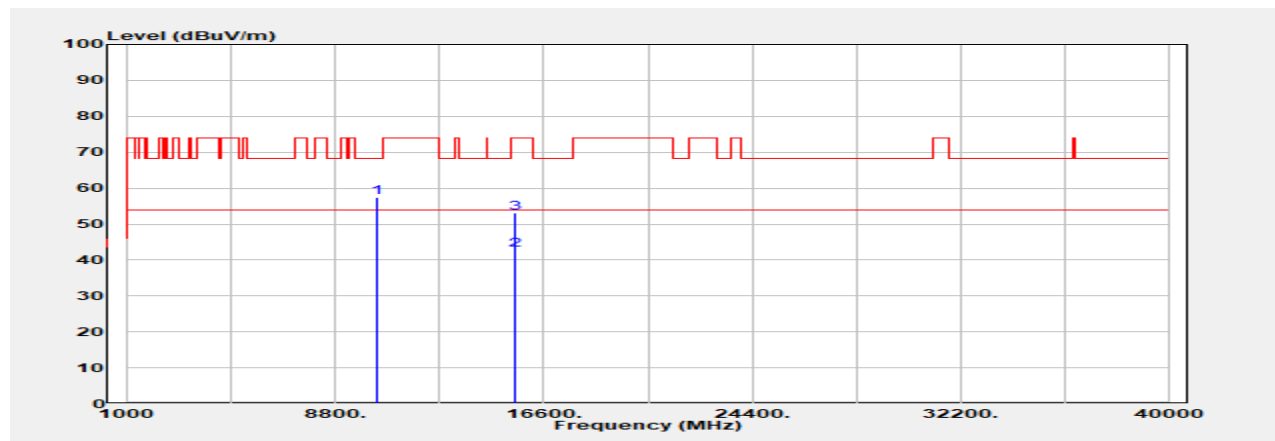
Temp./Humi. :24.2/55

Test Mode :TX CH LOW

Antenna Pol. :Vertical

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	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	48.35	8.98	57.33	68.20	-10.87
15540.000	Average	31.02	11.88	42.91	54.00	-11.09
15540.000	Peak	41.21	11.88	53.09	74.00	-20.91

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Report Number :E2/2022/30057

Test Site :SAC G

Operation Mode :802.11ac20

Test Date :2022-05-20

Test Frequency :5180 MHz

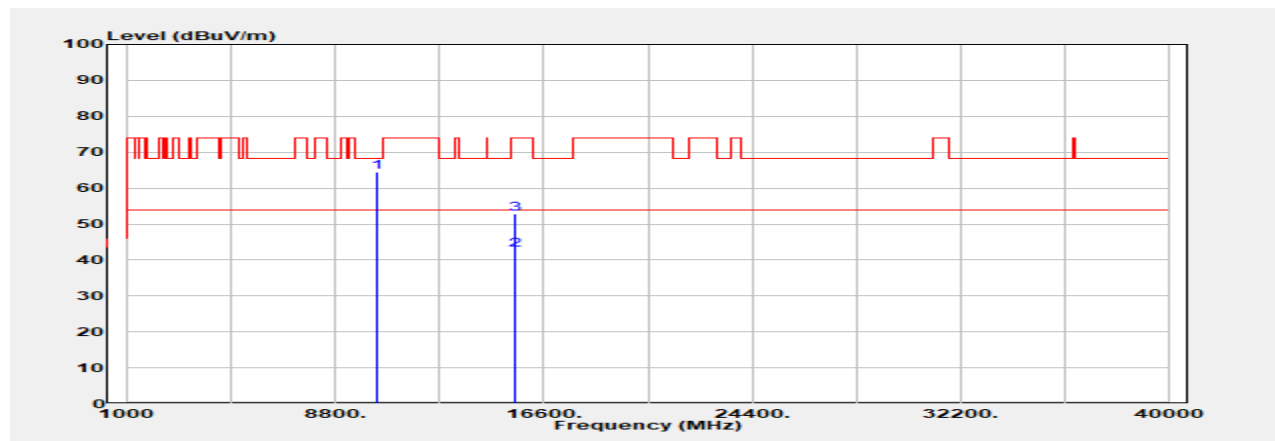
Temp./Humi. :24.2/55

Test Mode :TX CH LOW

Antenna Pol. :Horizontal

EUT Pol :E1 Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AVG	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	55.55	8.98	64.53	68.20	-3.67
15540.000	Average	31.03	11.88	42.91	54.00	-11.09
15540.000	Peak	40.98	11.88	52.87	74.00	-21.13

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