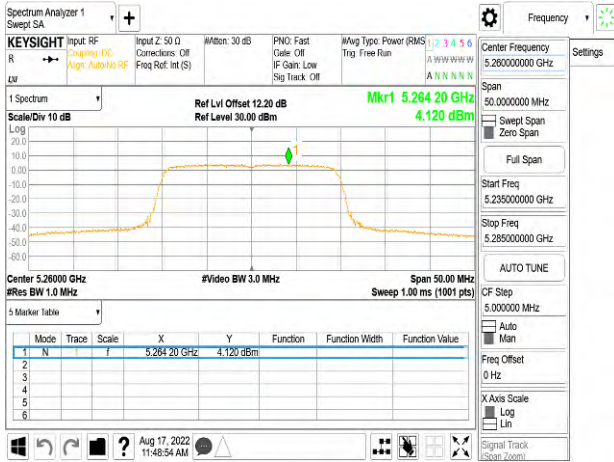


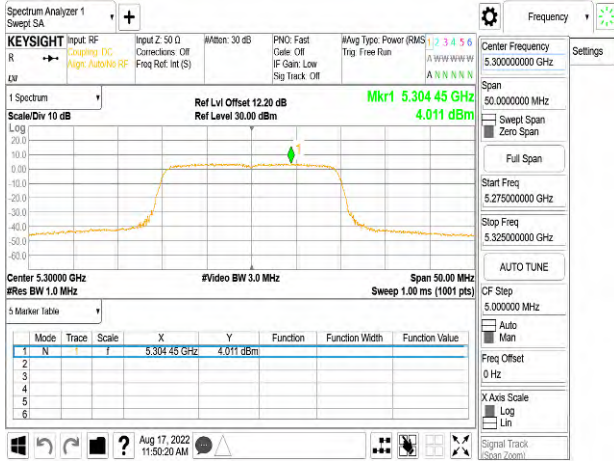
802.11ax\_20MHz\_Chain0\_5260MHz



802.11ax\_20MHz\_Chain0\_5320MHz\_RU106\_54



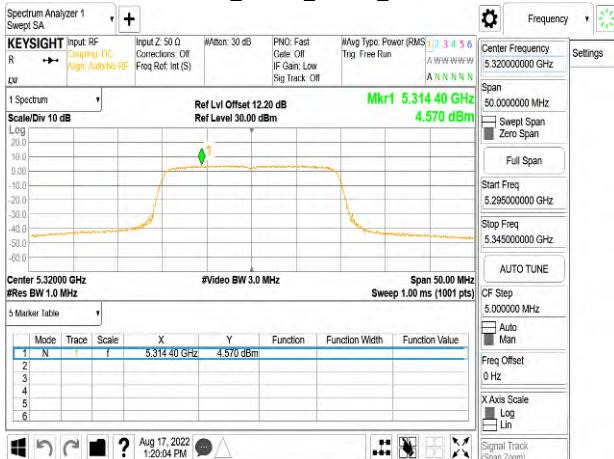
802.11ax\_20MHz\_Chain0\_5300MHz



802.11ax\_20MHz\_Chain0\_5320MHz\_RU26\_8



802.11ax\_20MHz\_Chain0\_5320MHz



802.11ax\_20MHz\_Chain0\_5320MHz\_RU52\_40

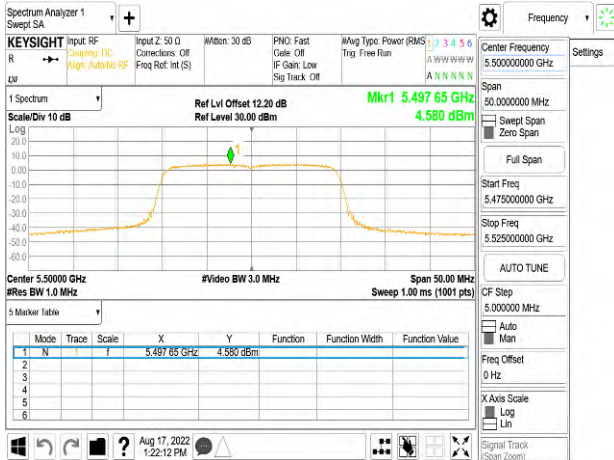


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802.11ax\_20MHz\_Chain0\_5500MHz



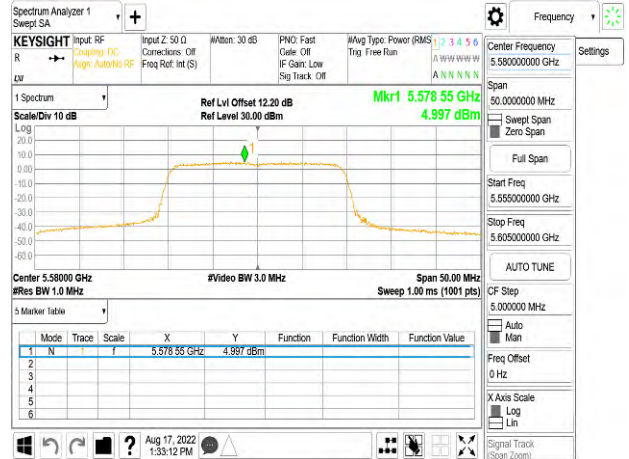
802.11ax\_20MHz\_Chain0\_5500MHz\_RU52\_37



802.11ax\_20MHz\_Chain0\_5500MHz\_RU106\_53



802.11ax\_20MHz\_Chain0\_5580MHz



802.11ax\_20MHz\_Chain0\_5500MHz\_RU26\_0



802.11ax\_20MHz\_Chain0\_5700MHz



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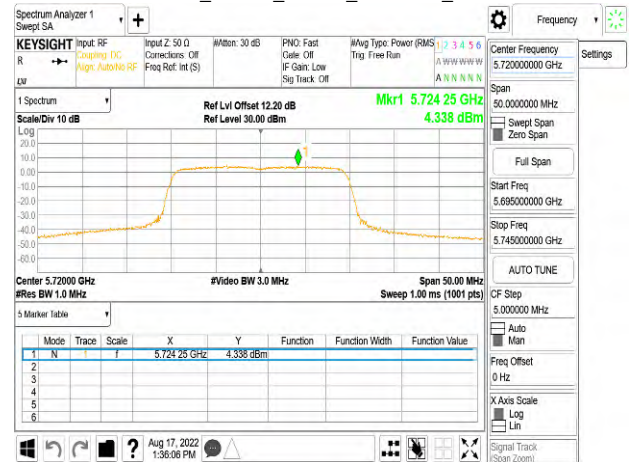
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802.11ax\_20MHz\_Chain0\_5700MHz\_RU106\_54



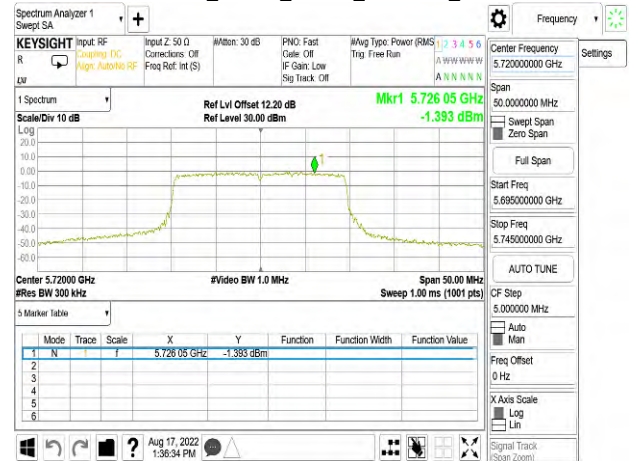
802.11ax\_20MHz\_Chain0\_5720MHz\_UNII 2C



802.11ax\_20MHz\_Chain0\_5700MHz\_RU26\_8



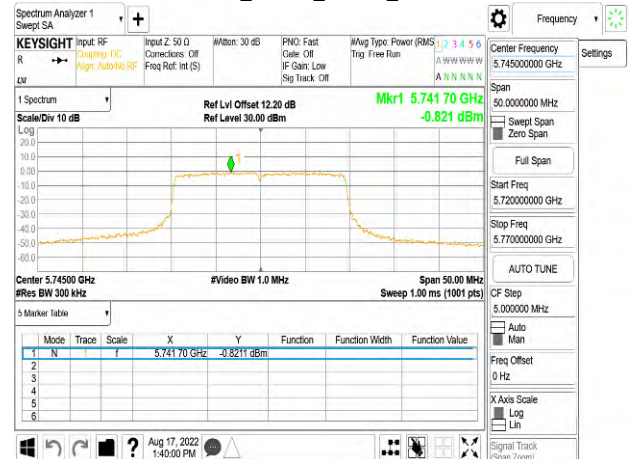
802.11ax\_20MHz\_Chain0\_5720MHz\_UNII 3



802.11ax\_20MHz\_Chain0\_5700MHz\_RU52\_40



802.11ax\_20MHz\_Chain0\_5745MHz

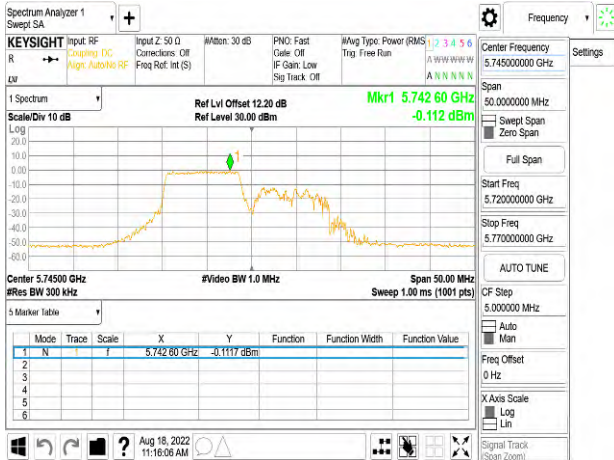


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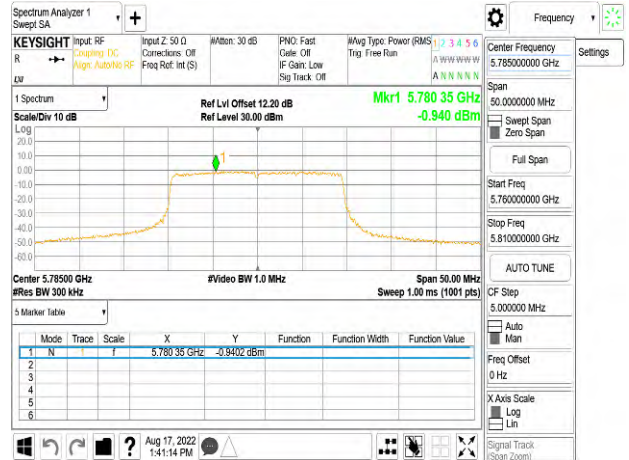
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802.11ax\_20MHz\_Chain0\_5745MHz\_RU106\_53



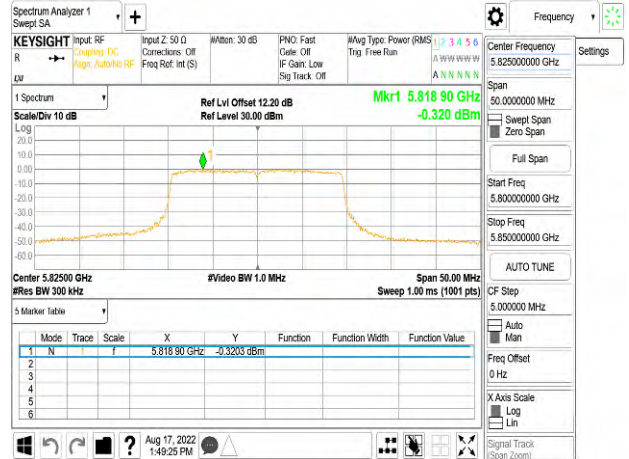
802.11ax\_20MHz\_Chain0\_5785MHz



802.11ax\_20MHz\_Chain0\_5745MHz\_RU26\_0



802.11ax\_20MHz\_Chain0\_5825MHz



802.11ax\_20MHz\_Chain0\_5745MHz\_RU52\_37



802.11ax\_20MHz\_Chain0\_5825MHz\_RU106\_54



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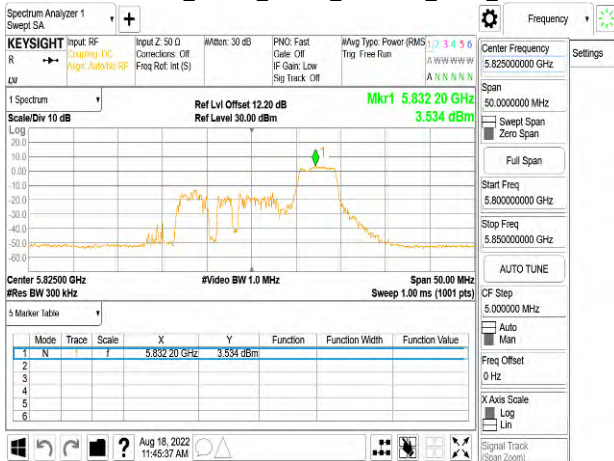
802.11ax\_20MHz\_Chain0\_5825MHz\_RU26\_8



802.11ax\_20MHz\_Chain1\_5180MHz\_RU106\_53



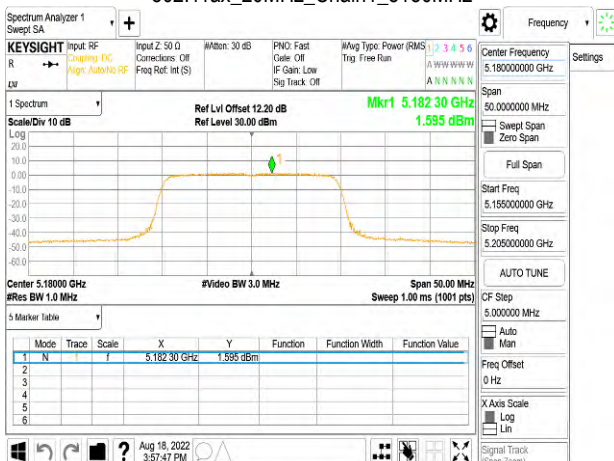
802.11ax\_20MHz\_Chain0\_5825MHz\_RU52\_40



802.11ax\_20MHz\_Chain1\_5180MHz\_RU26\_0



802.11ax\_20MHz\_Chain1\_5180MHz



802.11ax\_20MHz\_Chain1\_5180MHz\_RU52\_37

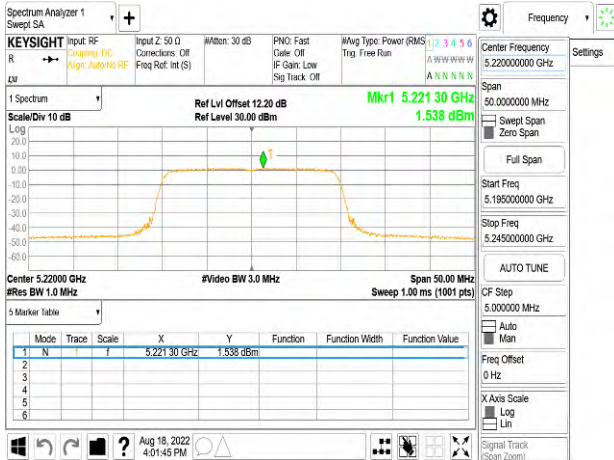


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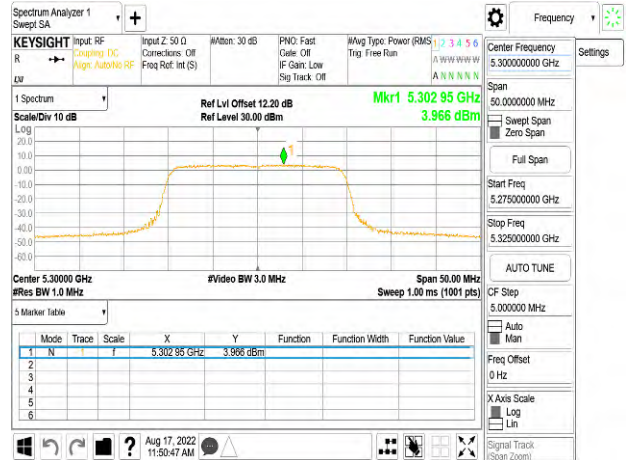
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802.11ax\_20MHz\_Chain1\_5220MHz



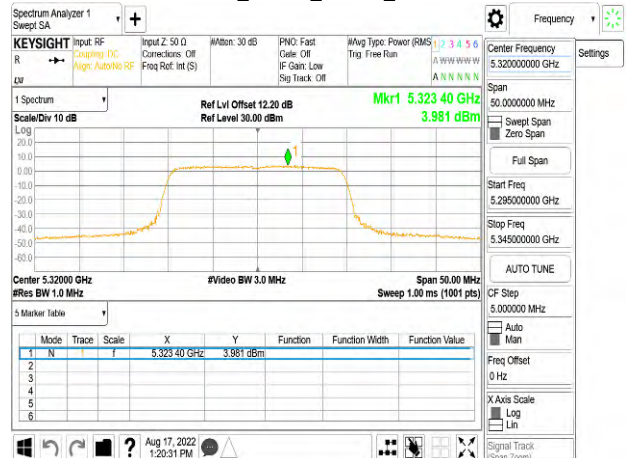
802.11ax\_20MHz\_Chain1\_5300MHz



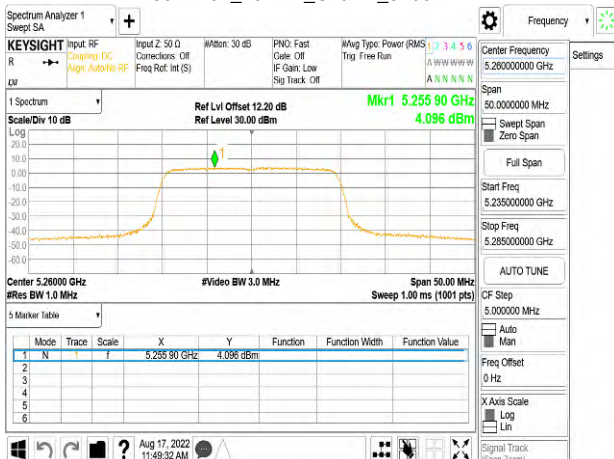
802.11ax\_20MHz\_Chain1\_5240MHz



802.11ax\_20MHz\_Chain1\_5320MHz



802.11ax\_20MHz\_Chain1\_5260MHz



802.11ax\_20MHz\_Chain1\_5320MHz\_RU106\_54



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802.11ax\_20MHz\_Chain1\_5320MHz\_RU26\_8



802.11ax\_20MHz\_Chain1\_5500MHz\_RU106\_53



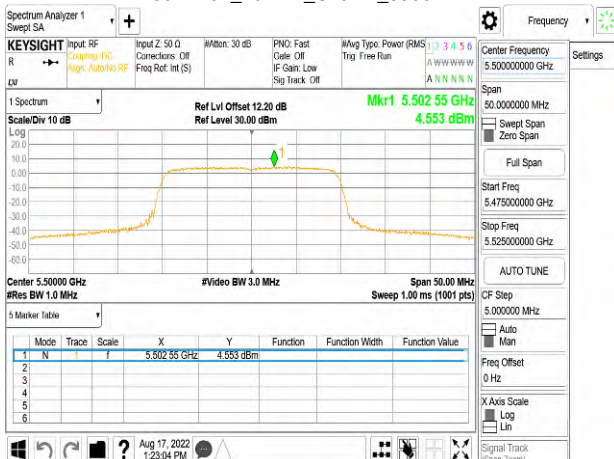
802.11ax\_20MHz\_Chain1\_5320MHz\_RU52\_40



802.11ax\_20MHz\_Chain1\_5500MHz\_RU26\_0



802.11ax\_20MHz\_Chain1\_5500MHz



802.11ax\_20MHz\_Chain1\_5500MHz\_RU52\_37

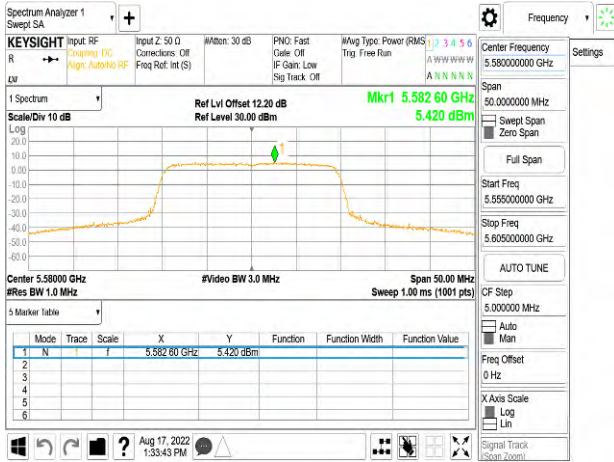


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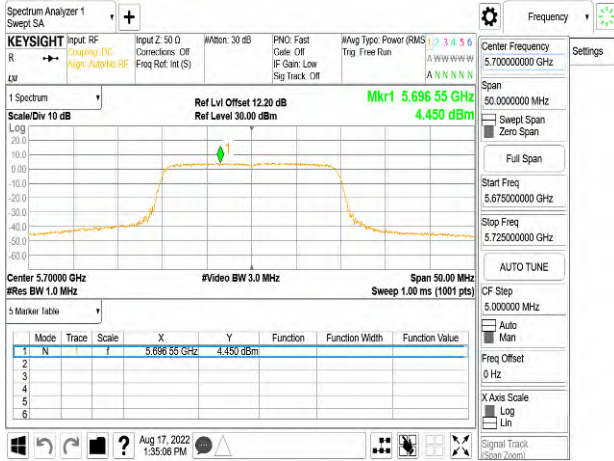
802.11ax\_20MHz\_Chain1\_5580MHz



802.11ax\_20MHz\_Chain1\_5700MHz\_RU26\_8



802.11ax\_20MHz\_Chain1\_5700MHz



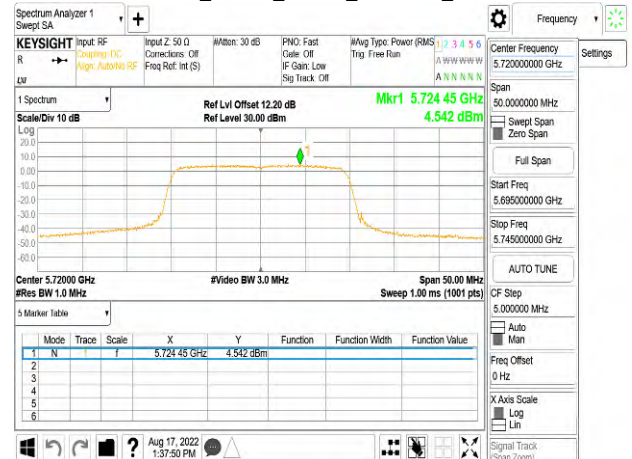
802.11ax\_20MHz\_Chain1\_5700MHz\_RU52\_40



802.11ax\_20MHz\_Chain1\_5700MHz\_RU106\_54



802.11ax\_20MHz\_Chain1\_5720MHz\_UNII 2C



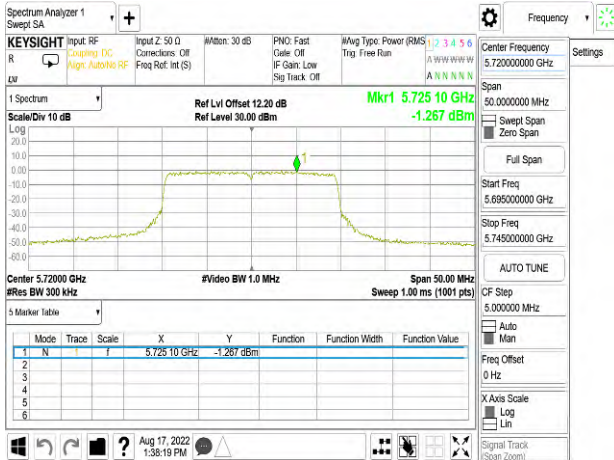
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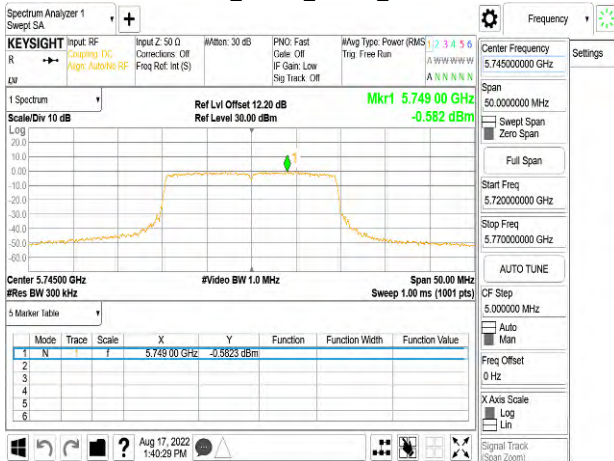
802.11ax\_20MHz\_Chain1\_5720MHz\_UNII 3



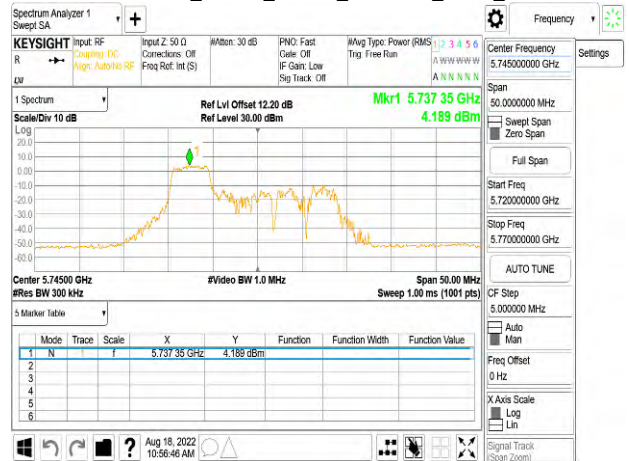
802.11ax\_20MHz\_Chain1\_5745MHz\_RU26\_0



802.11ax\_20MHz\_Chain1\_5745MHz



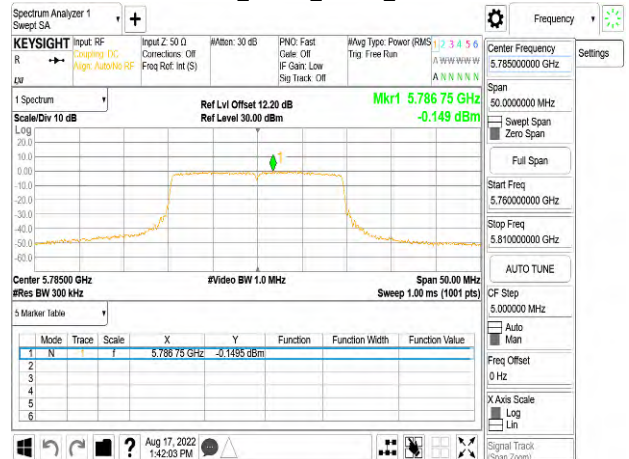
802.11ax\_20MHz\_Chain1\_5745MHz\_RU52\_37



802.11ax\_20MHz\_Chain1\_5745MHz\_RU106\_53



802.11ax\_20MHz\_Chain1\_5785MHz

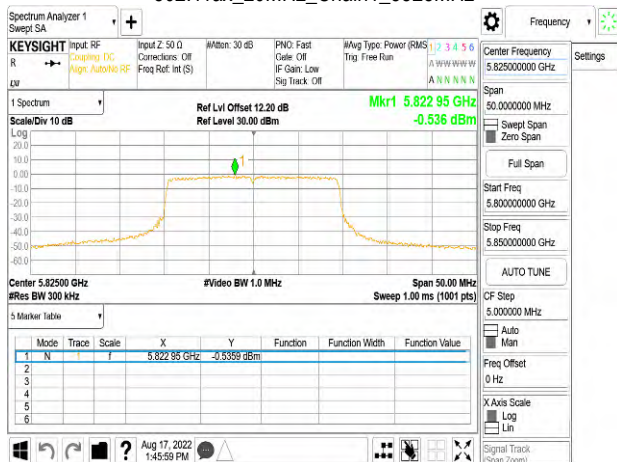


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802.11ax\_20MHz\_Chain1\_5825MHz



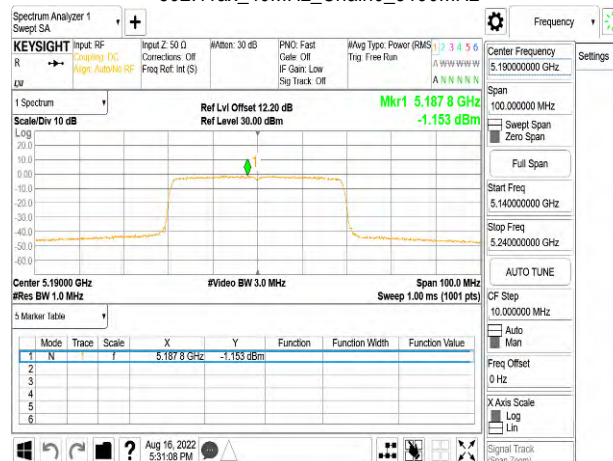
802.11ax\_20MHz\_Chain1\_5825MHz\_RU52\_40



802.11ax\_20MHz\_Chain1\_5825MHz\_RU106\_54



802.11ax\_40MHz\_Chain0\_5190MHz



802.11ax\_20MHz\_Chain1\_5825MHz\_RU26\_8



802.11ax\_40MHz\_Chain0\_5190MHz\_RU242\_61

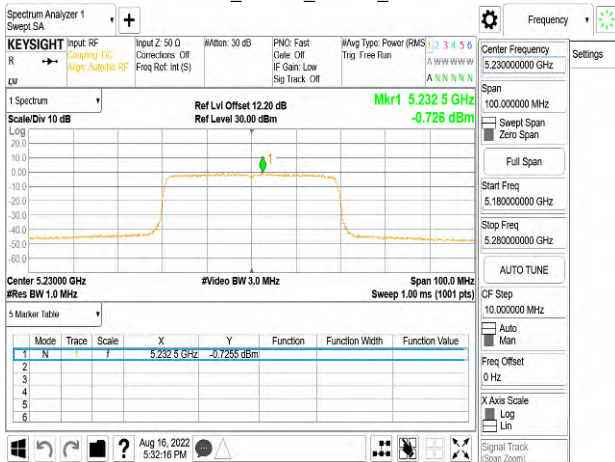


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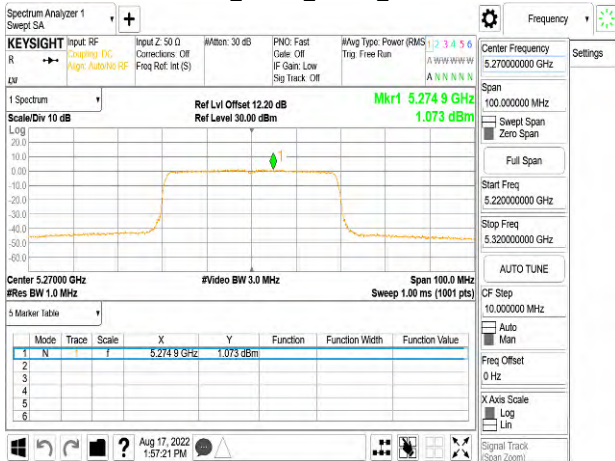
802.11ax\_40MHz\_Chain0\_5230MHz



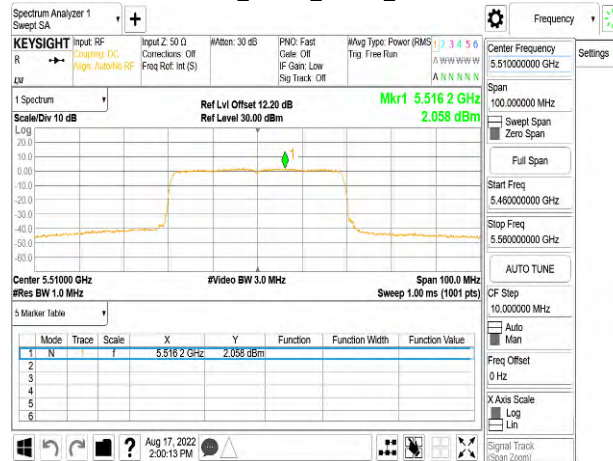
802.11ax\_40MHz\_Chain0\_5310MHz\_RU242\_62



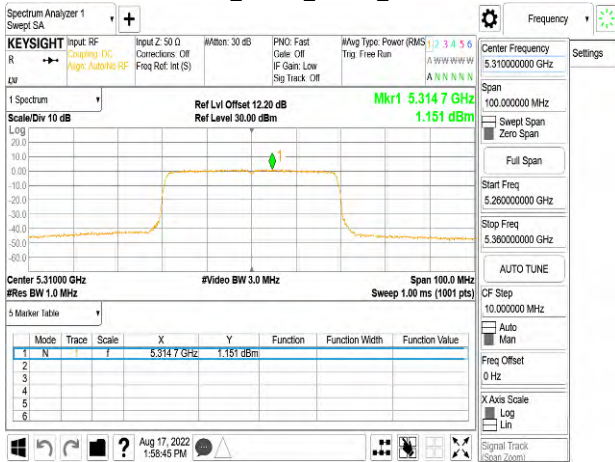
802.11ax\_40MHz\_Chain0\_5270MHz



802.11ax\_40MHz\_Chain0\_5510MHz



802.11ax\_40MHz\_Chain0\_5310MHz



802.11ax\_40MHz\_Chain0\_5510MHz\_RU242\_61

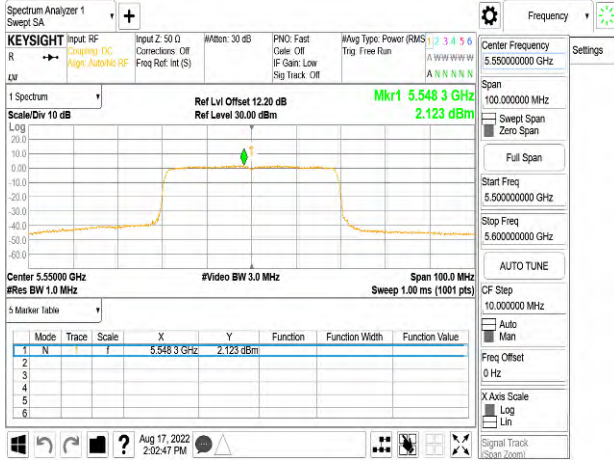


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802.11ax\_40MHz\_Chain0\_5550MHz



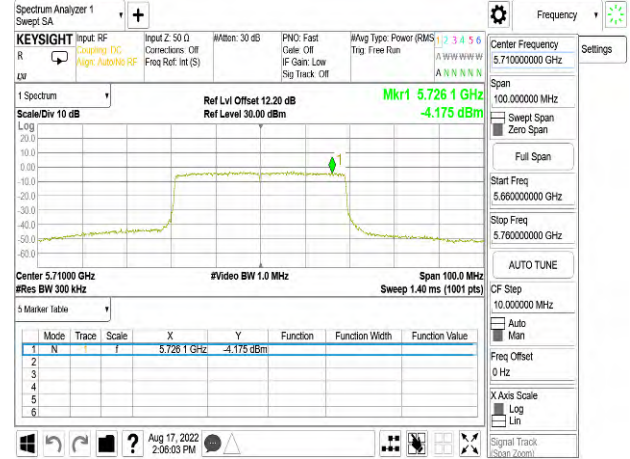
802.11ax\_40MHz\_Chain0\_5710MHz\_UNII 2C



802.11ax\_40MHz\_Chain0\_5670MHz



802.11ax\_40MHz\_Chain0\_5710MHz\_UNII 3



802.11ax\_40MHz\_Chain0\_5670MHz\_RU242\_62



802.11ax\_40MHz\_Chain0\_5755MHz



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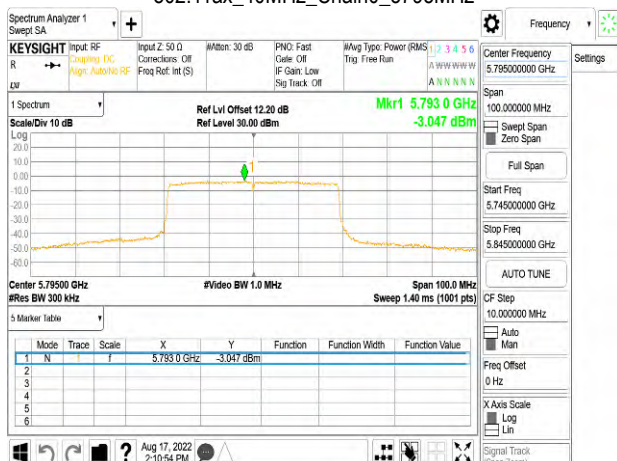
802.11ax\_40MHz\_Chain0\_5755MHz\_RU242\_61



802.11ax\_40MHz\_Chain1\_5190MHz



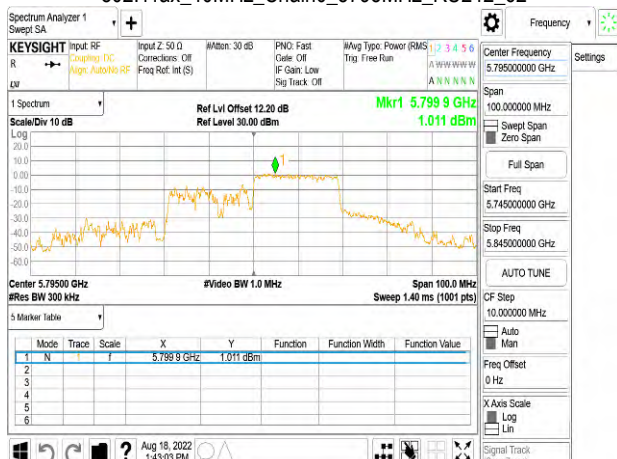
802.11ax\_40MHz\_Chain0\_5795MHz



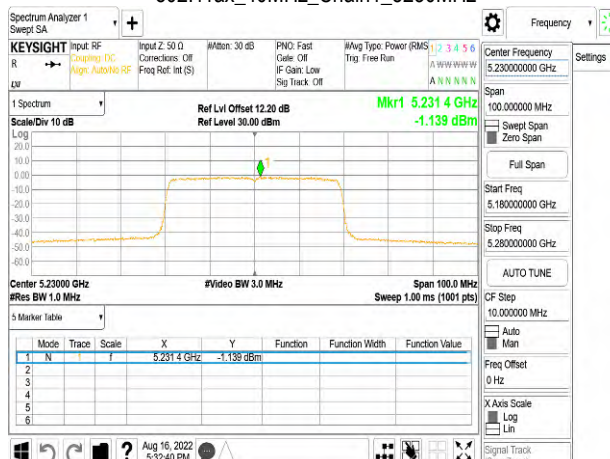
802.11ax\_40MHz\_Chain1\_5190MHz\_RU242\_61



802.11ax\_40MHz\_Chain0\_5795MHz\_RU242\_62



802.11ax\_40MHz\_Chain1\_5230MHz



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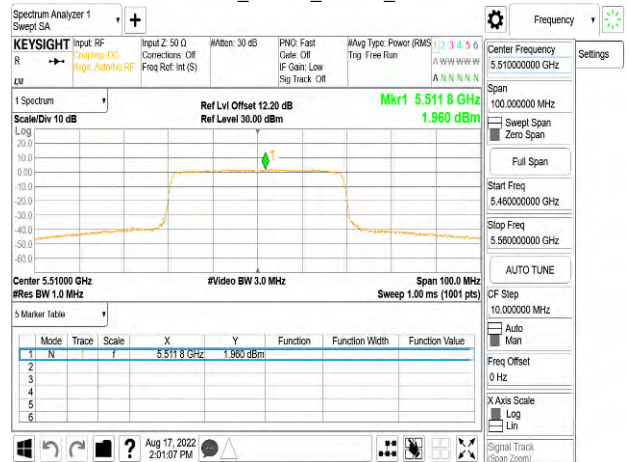
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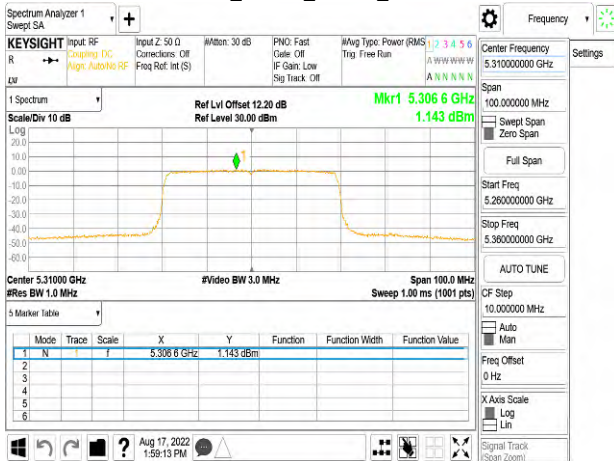
802.11ax\_40MHz\_Chain1\_5270MHz



802.11ax\_40MHz\_Chain1\_5510MHz



802.11ax\_40MHz\_Chain1\_5310MHz



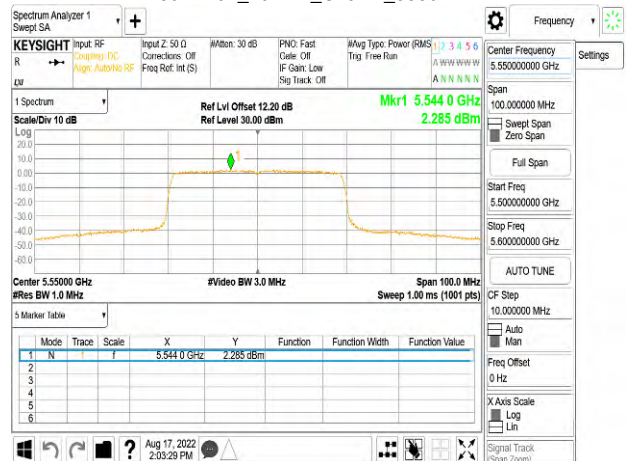
802.11ax\_40MHz\_Chain1\_5510MHz\_RU242\_61



802.11ax\_40MHz\_Chain1\_5310MHz\_RU242\_62



802.11ax\_40MHz\_Chain1\_5550MHz

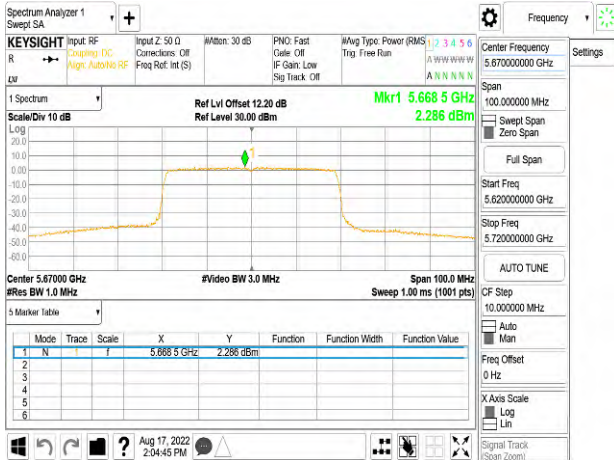


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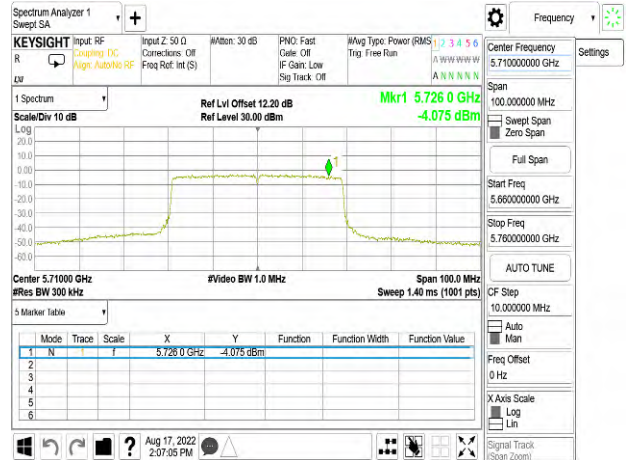
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802.11ax\_40MHz\_Chain1\_5670MHz



802.11ax\_40MHz\_Chain1\_5710MHz\_UNII 3



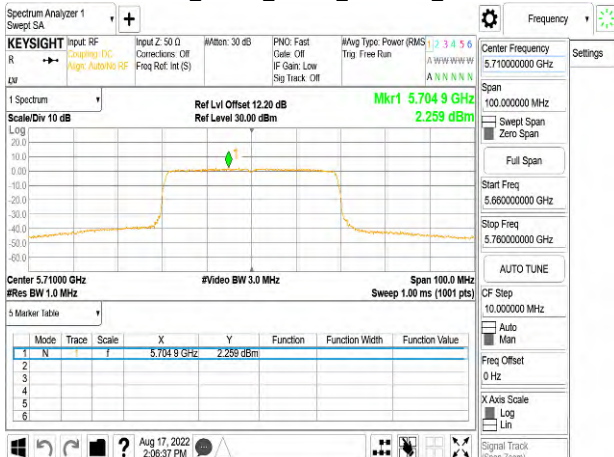
802.11ax\_40MHz\_Chain1\_5670MHz\_RU242\_62



802.11ax\_40MHz\_Chain1\_5755MHz



802.11ax\_40MHz\_Chain1\_5710MHz\_UNII 2C



802.11ax\_40MHz\_Chain1\_5755MHz\_RU242\_61



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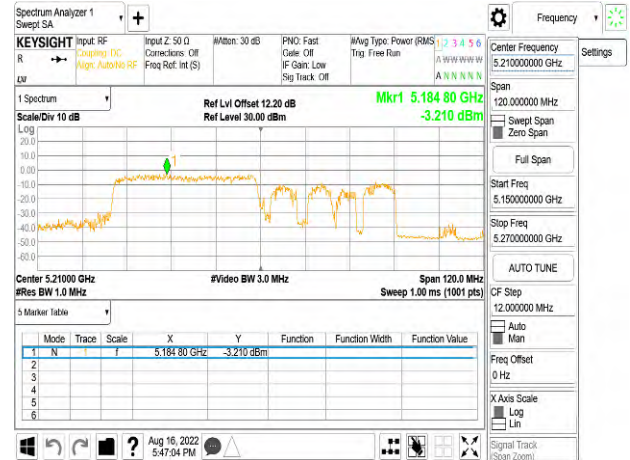
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802.11ax\_40MHz\_Chain1\_5795MHz



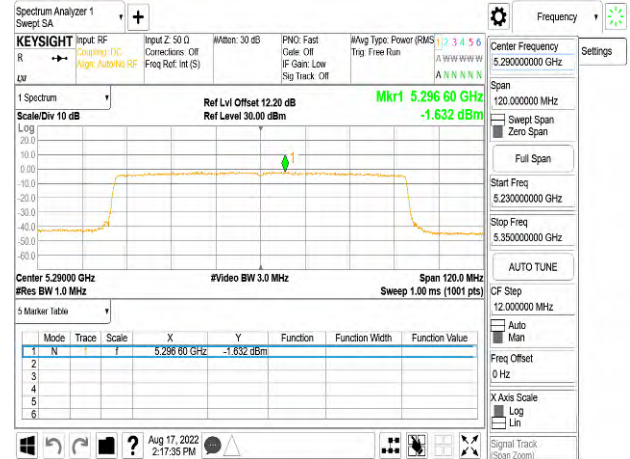
802.11ax\_80MHz\_Chain0\_5210MHz\_RU484\_65



802.11ax\_40MHz\_Chain1\_5795MHz\_RU242\_62



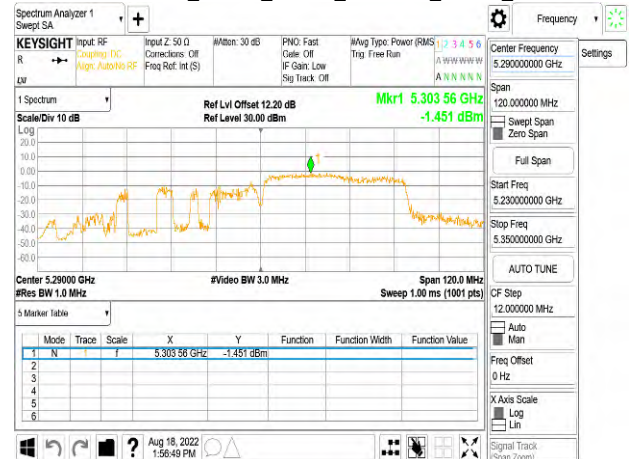
802.11ax\_80MHz\_Chain0\_5290MHz



802.11ax\_80MHz\_Chain0\_5210MHz



802.11ax\_80MHz\_Chain0\_5290MHz\_RU484\_66



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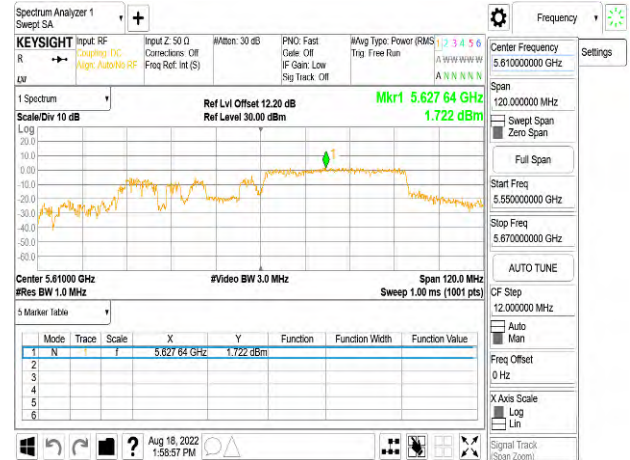
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802.11ax\_80MHz\_Chain0\_5530MHz



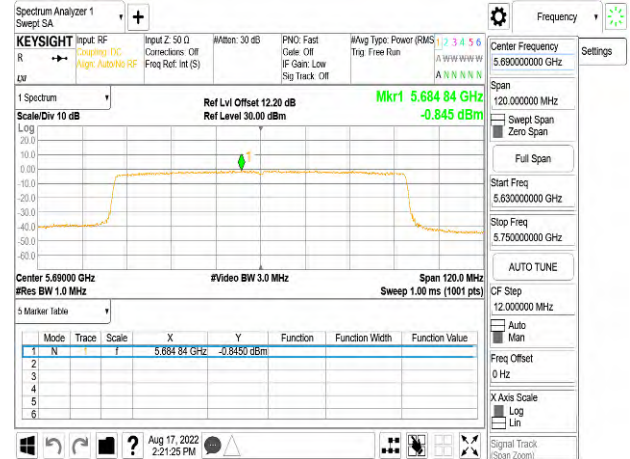
802.11ax\_80MHz\_Chain0\_5610MHz\_RU484\_66



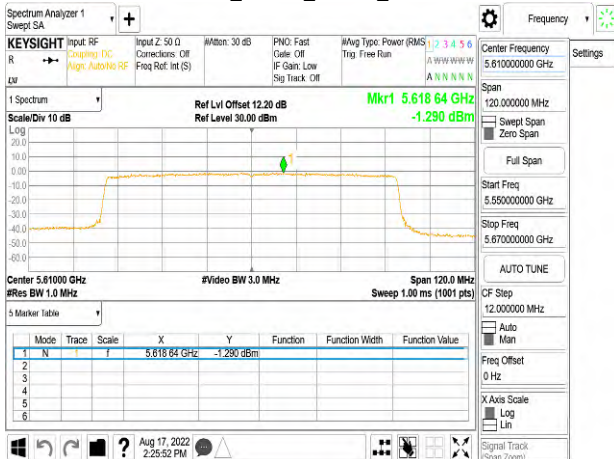
802.11ax\_80MHz\_Chain0\_5530MHz\_RU484\_65



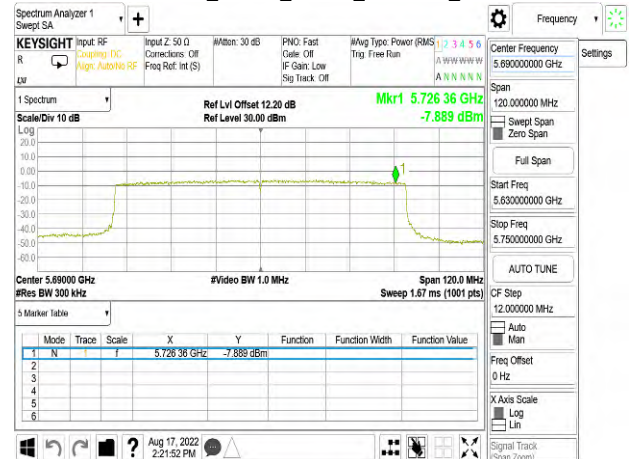
802.11ax\_80MHz\_Chain0\_5690MHz\_UNII 2C



802.11ax\_80MHz\_Chain0\_5610MHz



802.11ax\_80MHz\_Chain0\_5690MHz\_UNII 3



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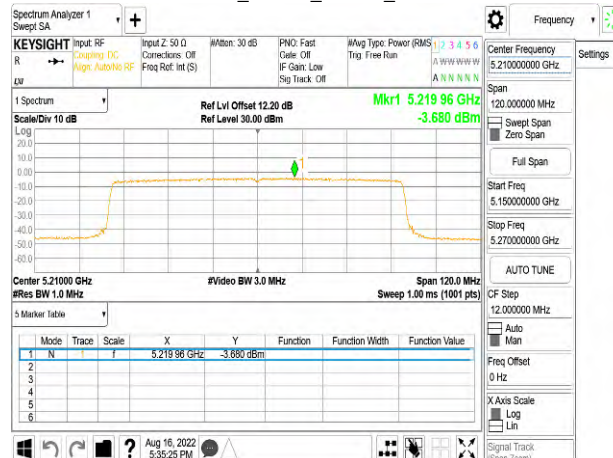
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802.11ax\_80MHz\_Chain0\_5775MHz



802.11ax\_80MHz\_Chain1\_5210MHz



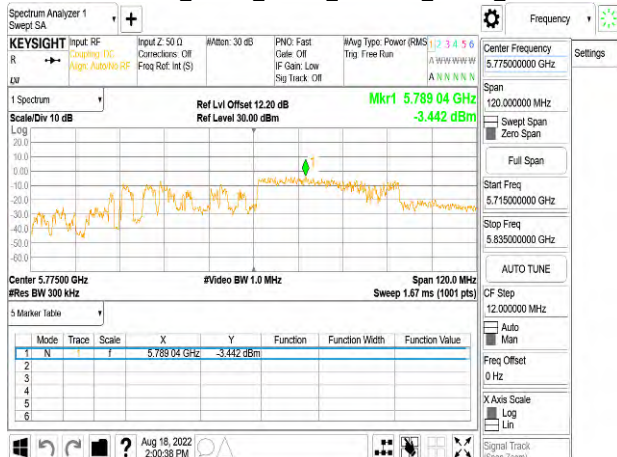
802.11ax\_80MHz\_Chain0\_5775MHz\_RU484\_65



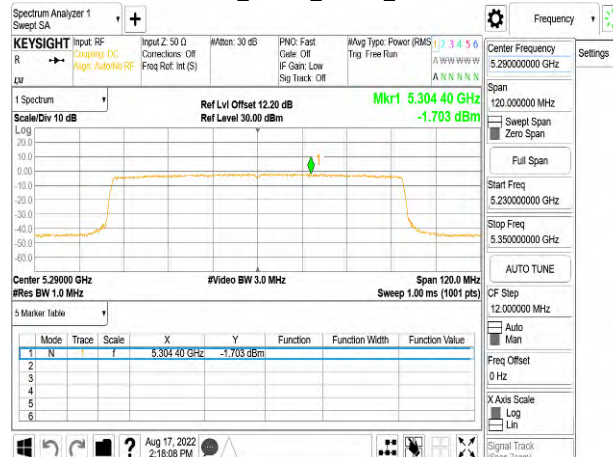
802.11ax\_80MHz\_Chain1\_5210MHz\_RU484\_65



802.11ax\_80MHz\_Chain0\_5775MHz\_RU484\_66



802.11ax\_80MHz\_Chain1\_5290MHz



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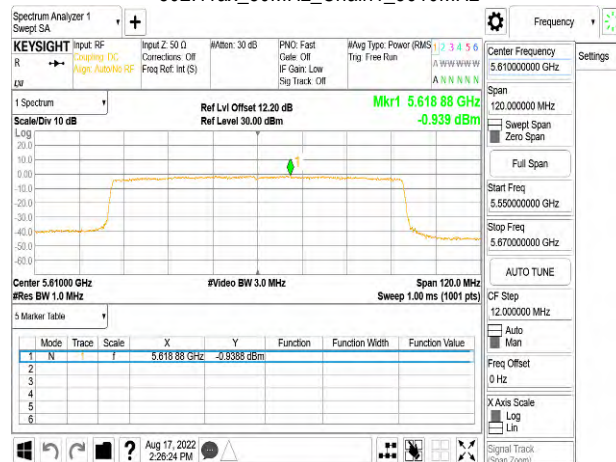
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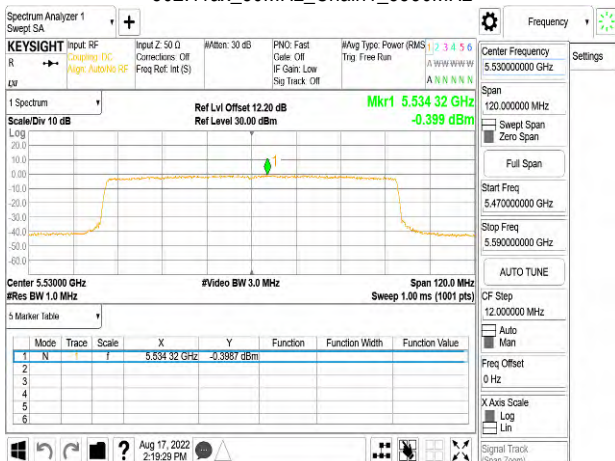
802.11ax\_80MHz\_Chain1\_5290MHz\_RU484\_66



802.11ax\_80MHz\_Chain1\_5610MHz



802.11ax\_80MHz\_Chain1\_5530MHz



802.11ax\_80MHz\_Chain1\_5610MHz\_RU484\_66



802.11ax\_80MHz\_Chain1\_5530MHz\_RU484\_65



802.11ax\_80MHz\_Chain1\_5690MHz\_UNII\_2C

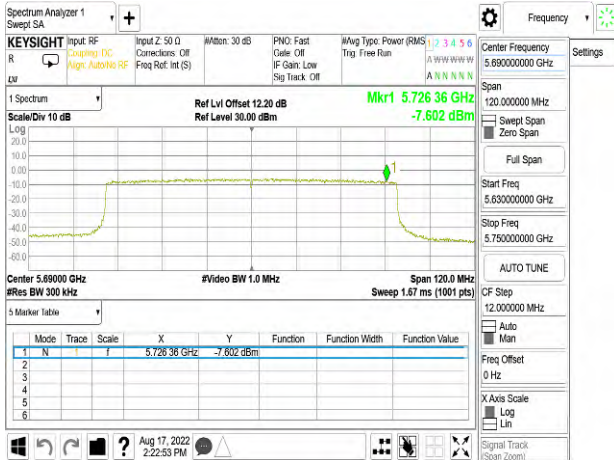


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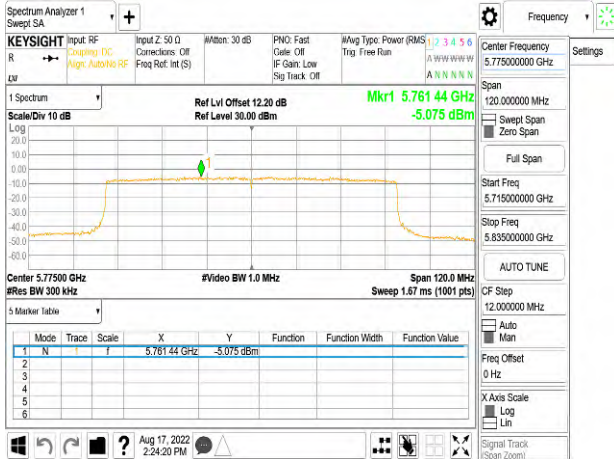
802.11ax\_80MHz\_Chain1\_5690MHz\_UNII 3



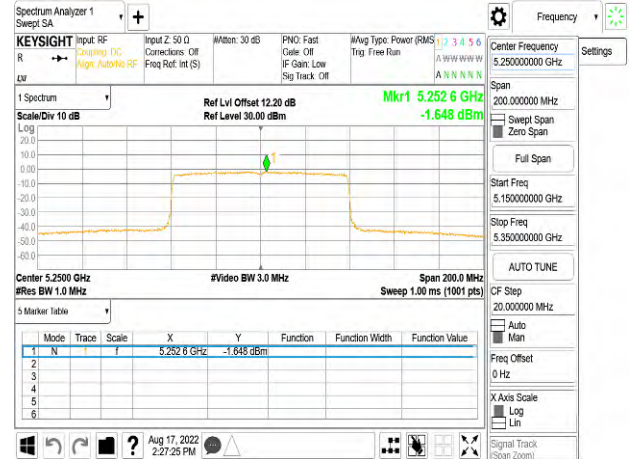
802.11ax\_80MHz\_Chain1\_5775MHz\_RU484\_66



802.11ax\_80MHz\_Chain1\_5775MHz



802.11ax\_160MHz\_Chain0\_5250MHz



802.11ax\_80MHz\_Chain1\_5775MHz\_RU484\_65



802.11ax\_160MHz\_Chain0\_5250MHz\_RU996\_67



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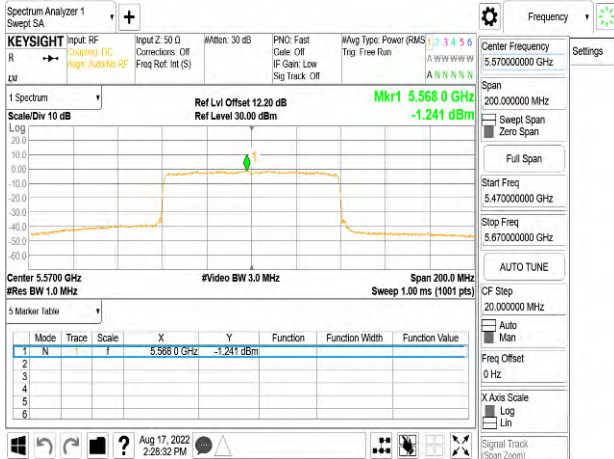
802.11ax\_160MHz\_Chain0\_5250MHz\_RU996\_S67



802.11ax\_160MHz\_Chain0\_5570MHz\_RU996\_S67



802.11ax\_160MHz\_Chain0\_5570MHz



802.11ax\_160MHz\_Chain1\_5250MHz



802.11ax\_160MHz\_Chain0\_5570MHz\_RU996\_67



802.11ax\_160MHz\_Chain1\_5250MHz\_RU996\_67



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802.11ax\_160MHz\_Chain1\_5250MHz\_RU996\_S67



802.11ax\_160MHz\_Chain1\_5570MHz\_RU996\_S67



802.11ax\_160MHz\_Chain1\_5570MHz



802.11ax\_160MHz\_Chain1\_5570MHz\_RU996\_67



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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 ≤ 5150 f ≥ 5350	PK: -27	PK: 68.2
15.407(b)(2) RSS-247 §6.2.2.2	5250~5350			
15.407(b)(3) RSS-247 §6.2.3.2	5475~5725			
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.

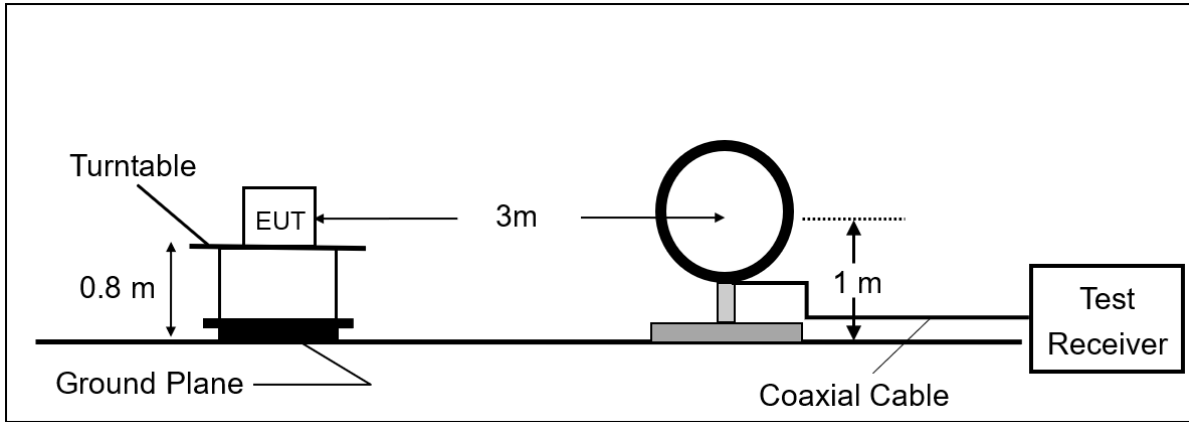
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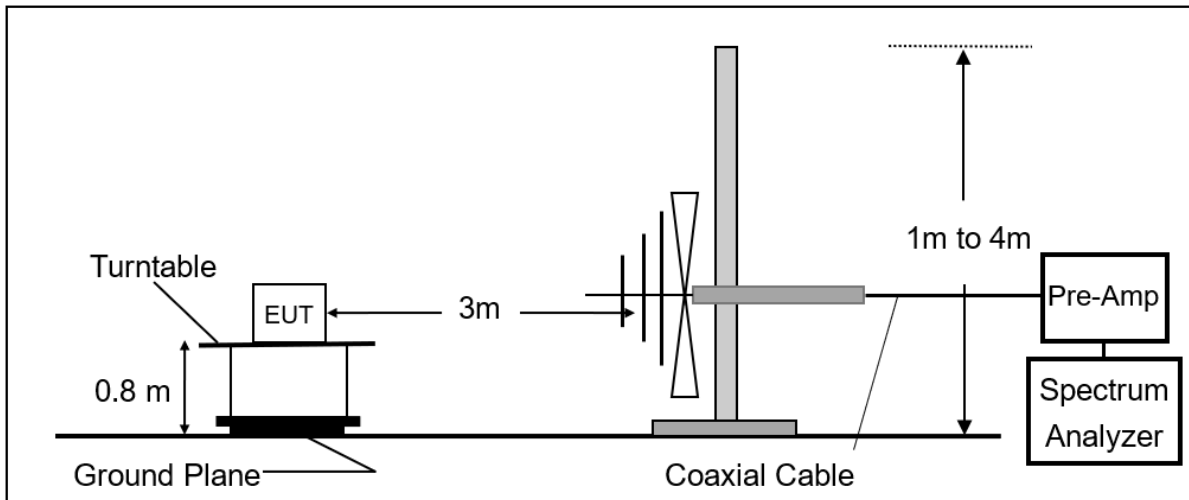
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### 11.2 Test Setup

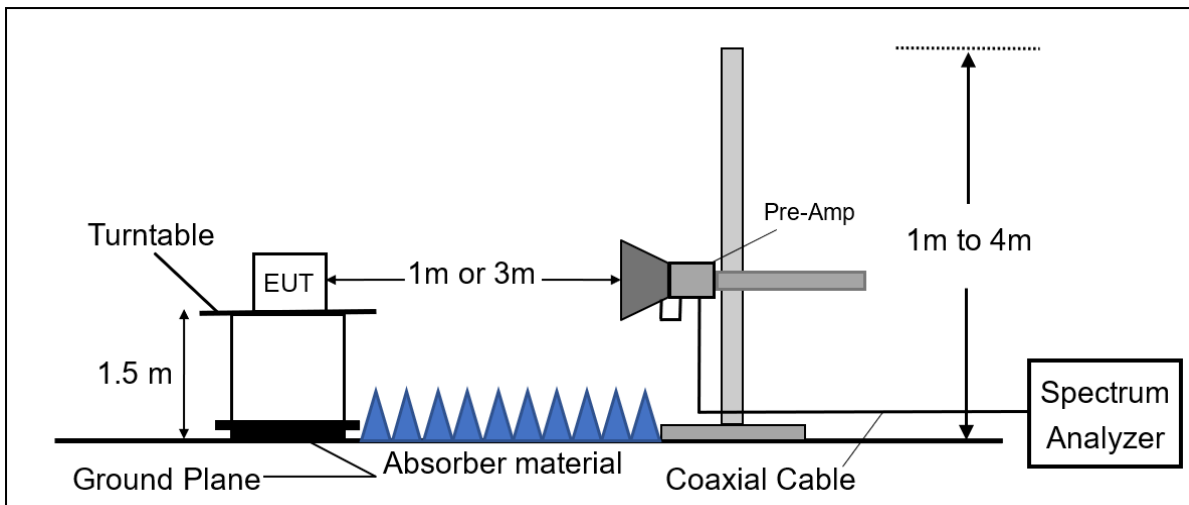
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



(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 ≥ 1/T (Duty cycle < 98%) for Average Emission Measurements at frequency above 1 GHz.
9. When measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made “while keeping the antenna in the ‘cone of radiation’ from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response.” is still within the 3dB illumination BW of the measurement antenna.
10. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
11. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
12. Repeat above procedures until all frequency measured were complete.

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### 11.4 Field Strength Calculation

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

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

**Where** *FS* = Field Strength

*CL* = Cable Attenuation Factor (Cable Loss)

*RA* = Reading Amplitude

*AG* = Amplifier Gain

*AF* = Antenna Factor

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

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

*Factor(dB) = Antenna Factor(dBμV/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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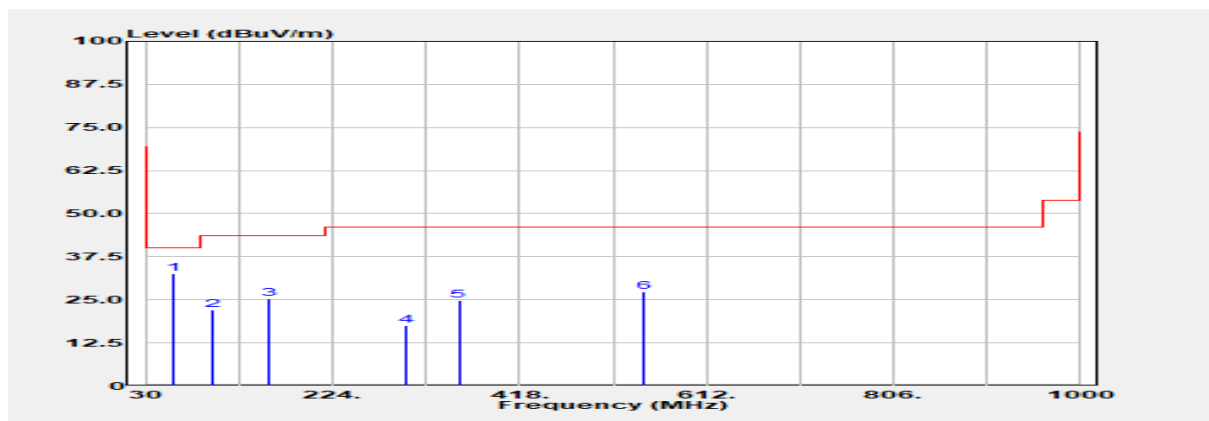
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## 11.6 Radiated Spurious Emission Measurement Result

### 11.6.1 Spurious Emission

Report Number	:TERF2207001115E2	Test Site	:SAC D
Operation Mode	:802.11a	Test Date	:2022-09-27
Test Frequency	:5220 MHz	Temp./Humi.	:23.5/61
Test Mode	:TX	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
60.070	Peak	50.34	-17.87	32.47	40.00	-7.53
99.840	Peak	43.62	-21.47	22.15	43.50	-21.35
159.010	Peak	41.62	-16.27	25.36	43.50	-18.14
300.630	Peak	33.59	-16.10	17.49	46.00	-28.51
354.950	Peak	39.38	-14.68	24.70	46.00	-21.30
547.980	Peak	37.88	-10.59	27.30	46.00	-18.70

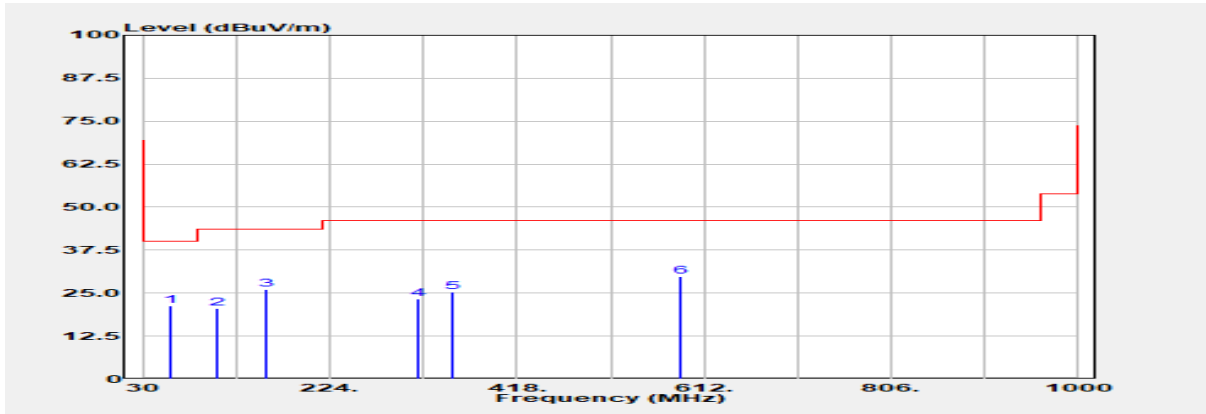
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Report Number :TERF2207001115E2  
 Operation Mode :802.11a  
 Test Frequency :5220 MHz  
 Test Mode :TX  
 EUT Pol :E1 Plane

Test Site :SAC D  
 Test Date :2022-09-27  
 Temp./Humi. :23.5/61  
 Antenna Pol. :Horizontal  
 Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
60.070	Peak	39.17	-17.87	21.30	40.00	-18.70
107.600	Peak	40.95	-20.40	20.54	43.50	-22.96
159.010	Peak	42.42	-16.27	26.16	43.50	-17.34
315.180	Peak	38.83	-15.46	23.37	46.00	-22.63
351.070	Peak	40.15	-14.91	25.25	46.00	-20.75
587.750	Peak	39.93	-10.12	29.80	46.00	-16.20

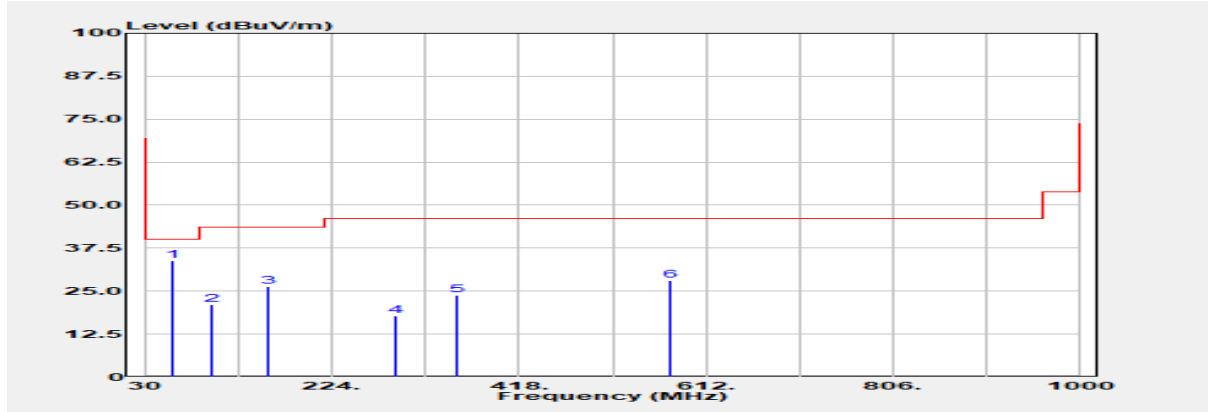
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Report Number :TERF2207001115E2  
 Operation Mode :802.11a  
 Test Frequency :5300 MHz  
 Test Mode :TX  
 EUT Pol :E1 Plane

Test Site :SAC D  
 Test Date :2022-09-27  
 Temp./Humi. :23.5/61  
 Antenna Pol. :Vertical  
 Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
60.070	Peak	51.80	-17.87	33.93	40.00	-6.07
98.870	Peak	42.73	-21.60	21.12	43.50	-22.38
159.010	Peak	42.63	-16.27	26.36	43.50	-17.14
289.960	Peak	33.90	-16.23	17.68	46.00	-28.32
353.980	Peak	38.56	-14.73	23.83	46.00	-22.17
575.140	Peak	38.34	-10.35	27.99	46.00	-18.01

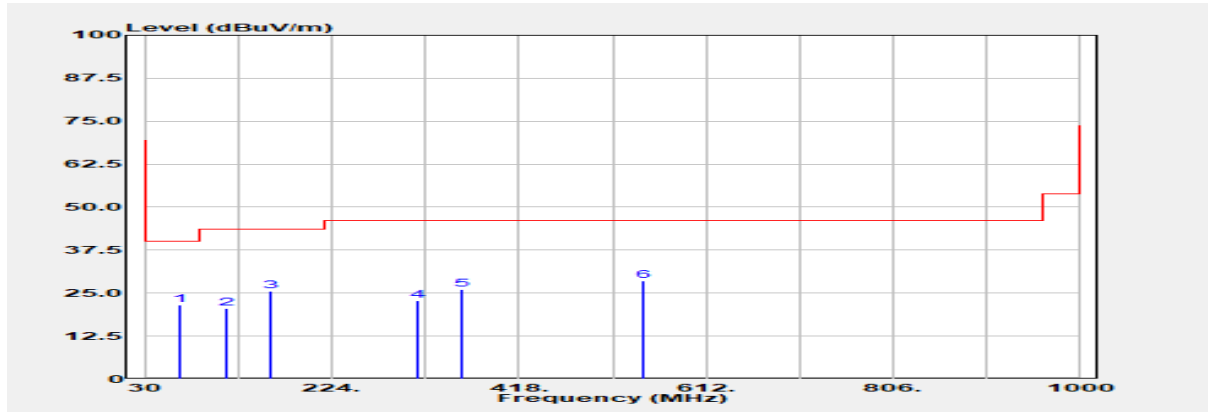
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Report Number :TERF2207001115E2  
 Operation Mode :802.11a  
 Test Frequency :5300 MHz  
 Test Mode :TX  
 EUT Pol :E1 Plane

Test Site :SAC D  
 Test Date :2022-09-27  
 Temp./Humi. :23.5/61  
 Antenna Pol. :Horizontal  
 Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
65.890	Peak	40.63	-19.17	21.46	40.00	-18.54
114.390	Peak	40.37	-19.84	20.53	43.50	-22.97
159.980	Peak	41.82	-16.33	25.49	43.50	-18.01
312.270	Peak	38.25	-15.55	22.70	46.00	-23.30
358.830	Peak	40.54	-14.44	26.11	46.00	-19.89
547.980	Peak	39.12	-10.59	28.54	46.00	-17.46

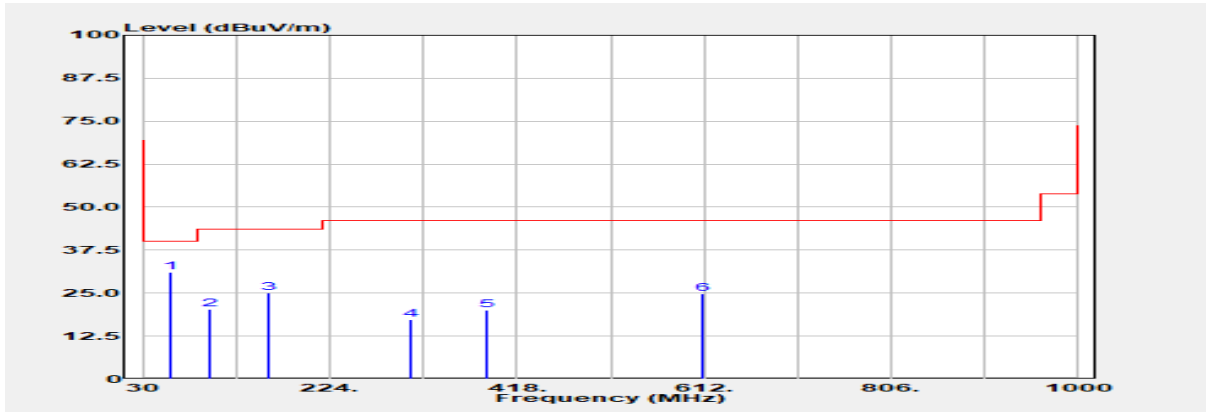
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Report Number :TERF2207001115E2  
 Operation Mode :802.11a  
 Test Frequency :5580 MHz  
 Test Mode :TX  
 EUT Pol :E1 Plane

Test Site :SAC D  
 Test Date :2022-09-27  
 Temp./Humi. :23.5/61  
 Antenna Pol. :Vertical  
 Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
60.070	Peak	49.02	-17.87	31.16	40.00	-8.84
98.870	Peak	41.92	-21.60	20.32	43.50	-23.18
160.950	Peak	41.53	-16.44	25.09	43.50	-18.41
308.390	Peak	32.90	-15.70	17.19	46.00	-28.81
386.960	Peak	33.80	-13.76	20.04	46.00	-25.96
610.060	Peak	33.65	-8.90	24.74	46.00	-21.26

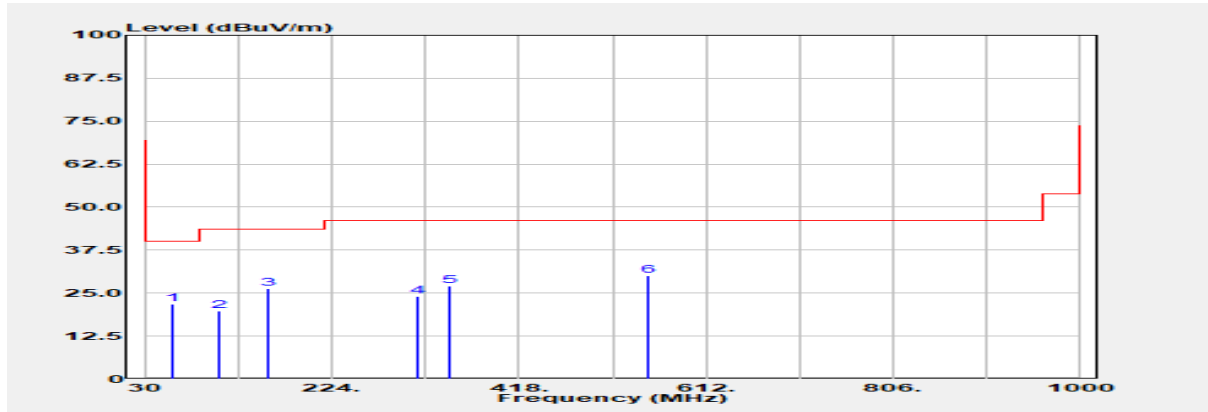
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Report Number :TERF2207001115E2  
 Operation Mode :802.11a  
 Test Frequency :5580 MHz  
 Test Mode :TX  
 EUT Pol :E1 Plane

Test Site :SAC D  
 Test Date :2022-09-27  
 Temp./Humi. :23.5/61  
 Antenna Pol. :Horizontal  
 Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
60.070	Peak	39.67	-17.87	21.81	40.00	-18.19
107.600	Peak	40.25	-20.40	19.85	43.50	-23.65
159.010	Peak	42.49	-16.27	26.23	43.50	-17.27
312.270	Peak	39.60	-15.55	24.05	46.00	-21.95
346.220	Peak	42.44	-15.29	27.15	46.00	-18.85
550.890	Peak	40.51	-10.48	30.04	46.00	-15.96

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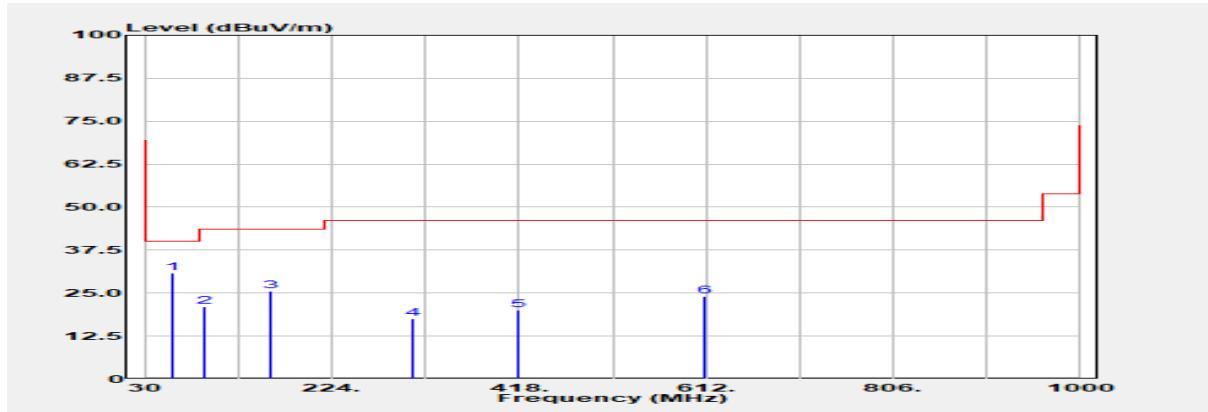
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Report Number :TERF2207001115E2  
 Operation Mode :802.11a  
 Test Frequency :5720 MHz  
 Test Mode :TX  
 EUT Pol :E1 Plane

Test Site :SAC D  
 Test Date :2022-09-27  
 Temp./Humi. :23.5/61  
 Antenna Pol. :Vertical  
 Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
59.100	Peak	48.66	-17.95	30.71	40.00	-9.29
93.050	Peak	43.59	-22.48	21.12	43.50	-22.38
159.980	Peak	41.79	-16.33	25.45	43.50	-18.05
308.390	Peak	33.29	-15.70	17.59	46.00	-28.41
418.000	Peak	33.18	-13.12	20.06	46.00	-25.94
610.060	Peak	33.07	-8.90	24.17	46.00	-21.83

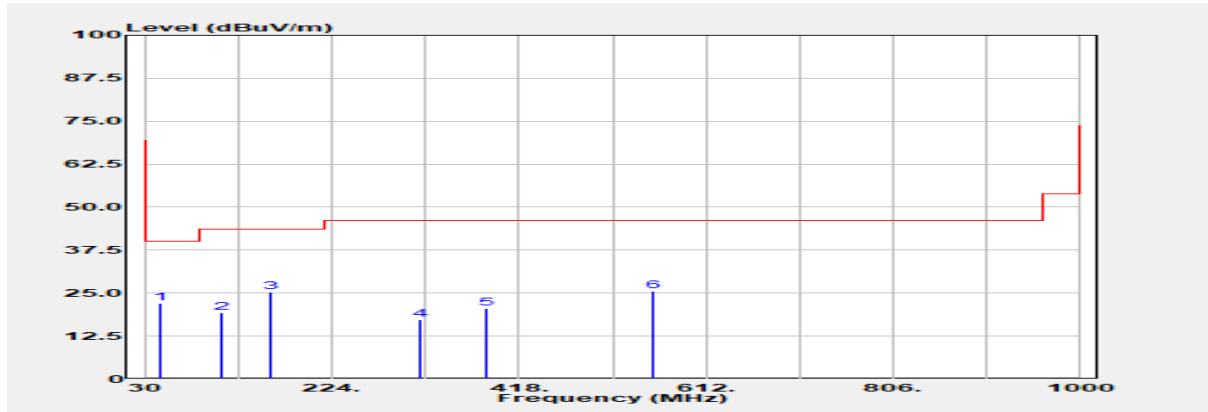
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Report Number :TERF2207001115E2  
 Operation Mode :802.11a  
 Test Frequency :5720 MHz  
 Test Mode :TX  
 EUT Pol :E1 Plane

Test Site :SAC D  
 Test Date :2022-09-27  
 Temp./Humi. :23.5/61  
 Antenna Pol. :Horizontal  
 Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
45.520	Peak	39.82	-17.76	22.06	40.00	-17.94
108.570	Peak	39.55	-20.28	19.27	43.50	-24.23
159.980	Peak	41.73	-16.33	25.39	43.50	-18.11
315.180	Peak	32.75	-15.46	17.29	46.00	-28.71
385.020	Peak	34.29	-13.82	20.47	46.00	-25.53
556.710	Peak	36.18	-10.49	25.68	46.00	-20.32

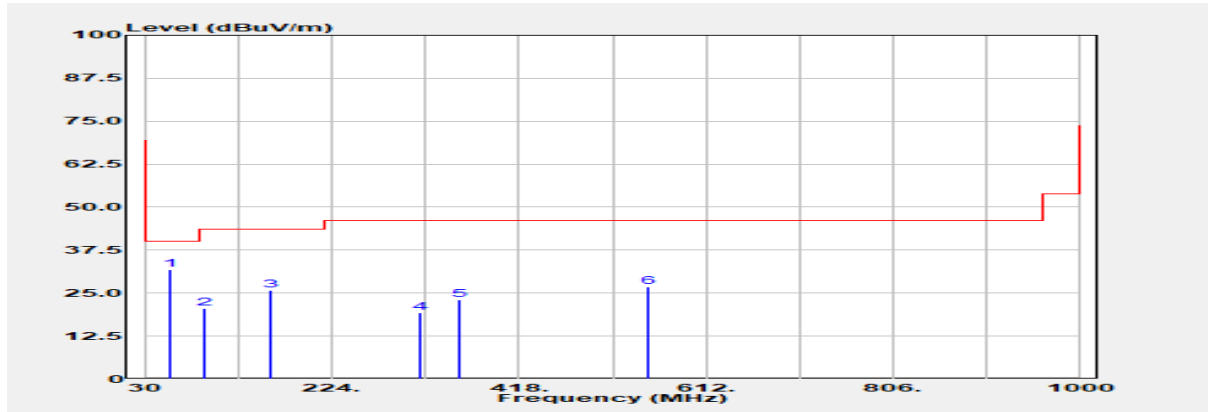
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Report Number :TERF2207001115E2  
 Operation Mode :802.11a  
 Test Frequency :5785 MHz  
 Test Mode :TX  
 EUT Pol :E1 Plane

Test Site :SAC D  
 Test Date :2022-09-27  
 Temp./Humi. :23.5/61  
 Antenna Pol. :Vertical  
 Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
57.160	Peak	49.36	-17.64	31.72	40.00	-8.28
93.050	Peak	43.05	-22.48	20.57	43.50	-22.93
159.980	Peak	42.26	-16.33	25.93	43.50	-17.57
315.180	Peak	34.74	-15.46	19.28	46.00	-26.72
355.920	Peak	37.70	-14.62	23.08	46.00	-22.92
550.890	Peak	37.37	-10.48	26.90	46.00	-19.10

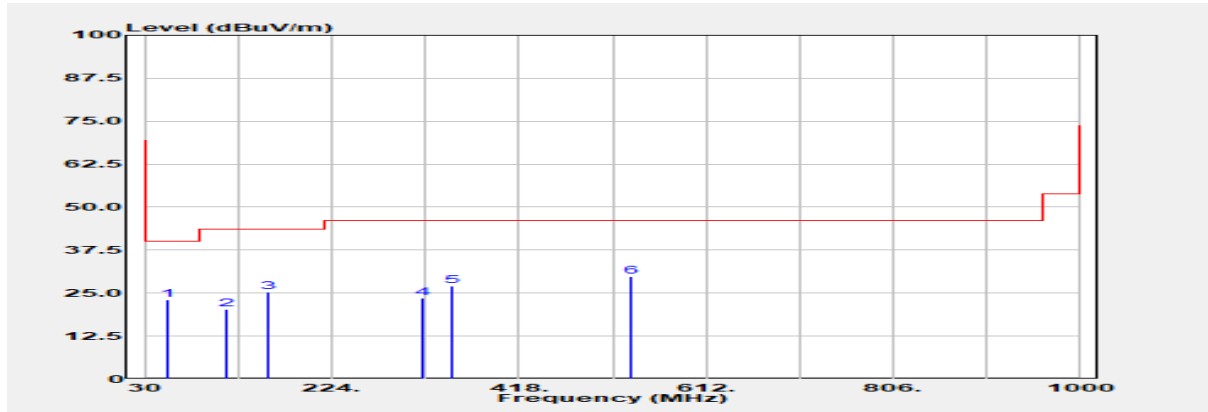
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Report Number :TERF2207001115E2  
 Operation Mode :802.11a  
 Test Frequency :5785 MHz  
 Test Mode :TX  
 EUT Pol :E1 Plane

Test Site :SAC D  
 Test Date :2022-09-27  
 Temp./Humi. :23.5/61  
 Antenna Pol. :Horizontal  
 Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
53.280	Peak	40.37	-17.43	22.94	40.00	-17.06
114.390	Peak	40.12	-19.84	20.28	43.50	-23.22
159.010	Peak	41.60	-16.27	25.33	43.50	-18.17
317.120	Peak	39.01	-15.42	23.59	46.00	-22.41
348.160	Peak	42.09	-15.13	26.96	46.00	-19.04
534.400	Peak	40.55	-10.64	29.91	46.00	-16.09

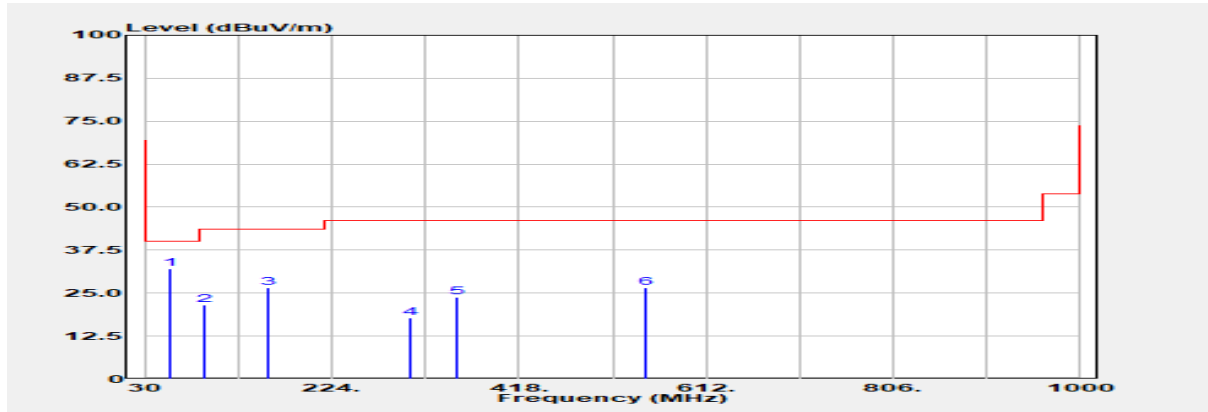
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Report Number :TERF2207001115E2  
 Operation Mode :802.11ac160  
 Test Frequency :5250 MHz  
 Test Mode :TX  
 EUT Pol :E1 Plane

Test Site :SAC D  
 Test Date :2022-09-27  
 Temp./Humi. :23.5/61  
 Antenna Pol. :Vertical  
 Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
57.160	Peak	49.69	-17.64	32.04	40.00	-7.96
93.050	Peak	43.98	-22.48	21.50	43.50	-22.00
158.040	Peak	42.75	-16.29	26.46	43.50	-17.04
305.480	Peak	33.71	-15.83	17.87	46.00	-28.13
353.010	Peak	38.53	-14.79	23.74	46.00	-22.26
549.920	Peak	37.08	-10.49	26.59	46.00	-19.41

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