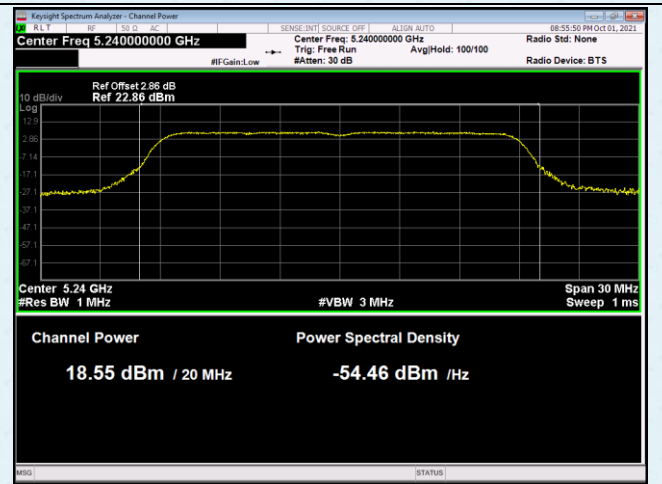


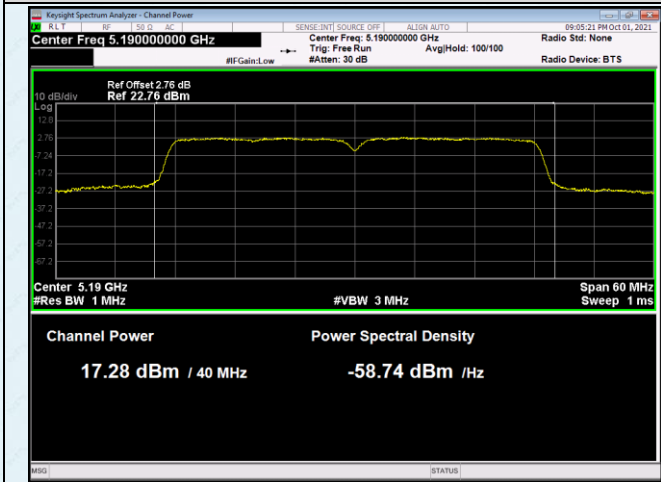
5240



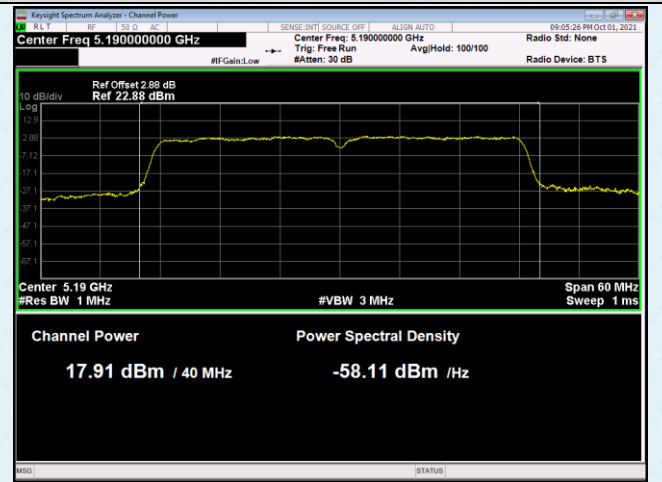
5240

802.11ac(VHT40) mode (Antenna A)

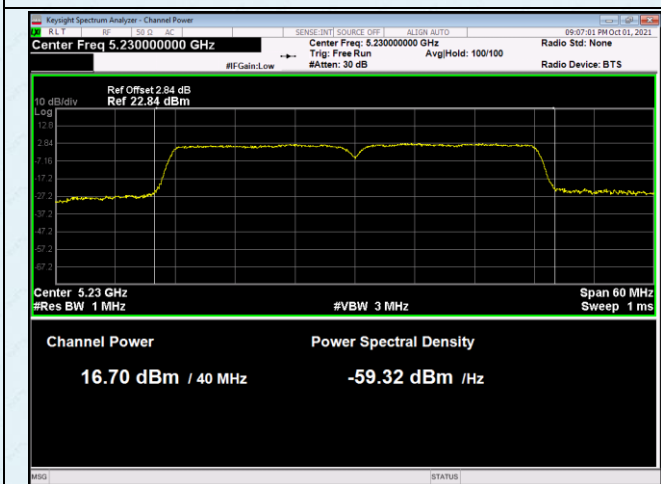
802.11ac(VHT40) mode (Antenna B)



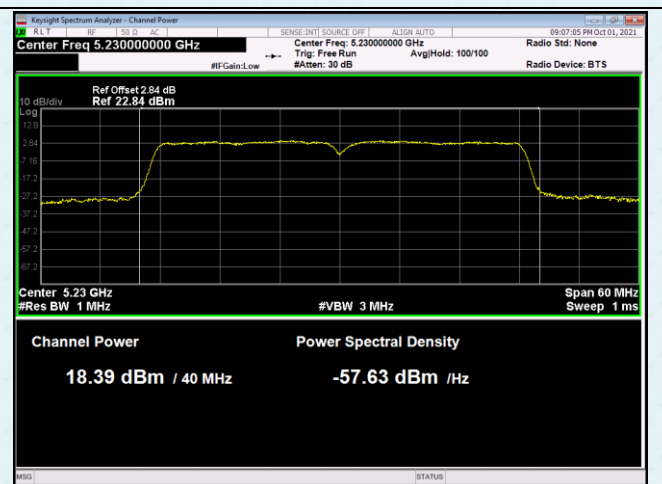
5190



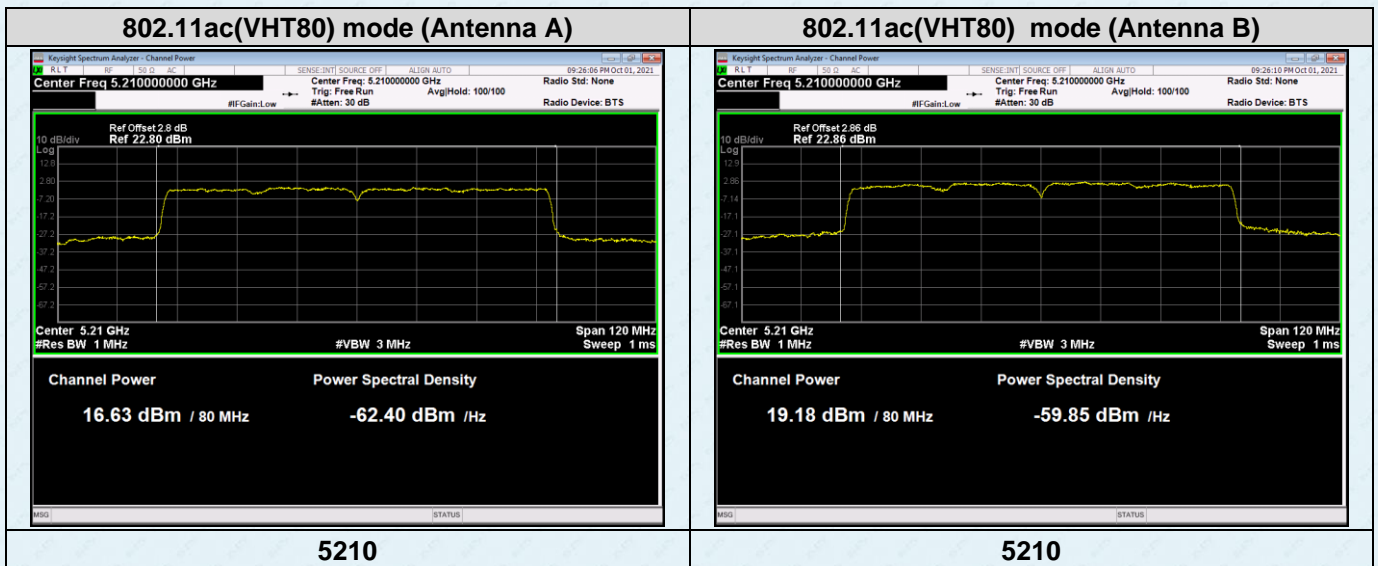
5190



5230

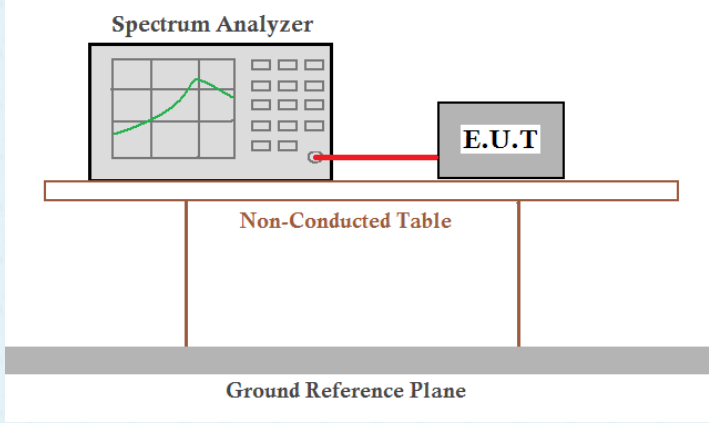


5230



**Note: Note: We tested 802.11a/n /ac/ax mode the all data rate and recorded the worst case data.**

## 7.5 Power Spectral Density

Test Requirement:	FCC Part15 E Section 15.407									
Test Method:	KDB 789033 D02 General U-NII Test Procedures New Rules v02r01									
Limit:	<table border="1"> <thead> <tr> <th>Frequency band (MHz)</th> <th>Limit</th> </tr> </thead> <tbody> <tr> <td rowspan="2">5150-5250</td> <td>≤17dBm in 1MHz for master device</td> </tr> <tr> <td>≤11dBm in 1MHz for client device</td> </tr> <tr> <td>5250-5350</td> <td>≤11dBm in 1MHz for client device</td> </tr> <tr> <td>5470-5725</td> <td>≤11dBm in 1MHz for client device</td> </tr> </tbody> </table>	Frequency band (MHz)	Limit	5150-5250	≤17dBm in 1MHz for master device	≤11dBm in 1MHz for client device	5250-5350	≤11dBm in 1MHz for client device	5470-5725	≤11dBm in 1MHz for client device
	Frequency band (MHz)	Limit								
	5150-5250	≤17dBm in 1MHz for master device								
		≤11dBm in 1MHz for client device								
	5250-5350	≤11dBm in 1MHz for client device								
5470-5725	≤11dBm in 1MHz for client device									
Remark: The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.										
Test setup:	 <p>The diagram shows a Spectrum Analyzer on the left and an E.U.T. on the right, connected by a red cable. They are both on a table labeled 'Non-Conducted Table'. Below the table is a 'Ground Reference Plane'.</p>									
Test procedure:	<ol style="list-style-type: none"> <li>1) Create an average power spectrum for the EUT operating mode being tested by following the instructions in section E)2) for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including, the step labeled, "Compute power...".</li> <li>2) Use the peak search function on the instrument to find the peak of the spectrum.</li> <li>3) Make the following adjustments to the peak value of the spectrum, if applicable: <ol style="list-style-type: none"> <li>a) If Method SA-2 or SA-2 Alternative was used, add <math>10 \log(1/x)</math>, where <math>x</math> is the duty cycle, to the peak of the spectrum.</li> <li>b) If Method SA-3 Alternative was used and the linear mode was used in step E)2)g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging.</li> </ol> </li> <li>4) The result is the PSD.</li> </ol>									
Test Instruments:	Refer to section 6 for details									
Test mode:	Refer to section 5.2 for details									
Test results:	Pass									

**Measurement Data**

Modulation	Frequency (MHz)	Duty cycle(%)		Duty Factor	
		Antenna-A	Antenna-B	Antenna-A	Antenna-B
802.11a	5180	95.63	95.63	0.19	0.19
	5240	95.62	95.62	0.19	0.19
802.11n(HT20)	5180	92.92	92.94	0.32	0.32
	5240	92.84	92.83	0.32	0.32
802.11n(HT40)	5190	89.19	89.21	0.5	0.5
	5230	89.20	89.25	0.5	0.5
802.11ac(VHT20)	5180	95.55	95.53	0.2	0.2
	5240	95.41	95.45	0.2	0.2
802.11ac(VHT40)	5190	90.86	90.85	0.42	0.42
	5230	90.88	90.87	0.42	0.42
802.11ac(VHT80)	5210	87.94	87.96	0.56	0.56
802.11ax(HE20)	5180	86.96	86.95	0.61	0.61
	5240	86.97	86.98	0.61	0.61
802.11ax(HE40)	5190	89.17	89.15	0.5	0.5
	5230	89.10	89.11	0.5	0.5
802.11ax(HE80)	5210	84.93	84.92	0.71	0.71

802.11a mode										
CH No.	Frequency (MHz)	Measured PSD (dBm/MHz)			Duty Factor	Total PSD Power(dBm/MHz)			Limit (dBm/MHz)	Result
		ANT A	ANT B	ANT A+B		ANT A	ANT B	ANT A+B		
36	5180	6.589	6.802	--	0.19	6.779	6.992	--	17	Pass
48	5240	5.821	7.406	--	0.19	6.011	7.596	--		
802.11n(HT20) mode										
CH No.	Frequency (MHz)	Measured PSD (dBm/MHz)			Duty Factor	Total PSD Power(dBm/MHz)			Limit (dBm/MHz)	Result
		ANT A	ANT B	ANT A+B		ANT A	ANT B	ANT A+B		
36	5180	5.849	6.300	9.091	0.32	6.169	6.62	9.411	14.99	Pass
48	5240	5.454	6.885	9.238	0.32	5.774	7.205	9.558		
802.11n(HT40) mode										
CH No.	Frequency (MHz)	Measured PSD (dBm/MHz)			Duty Factor	Total PSD Power(dBm/MHz)			Limit (dBm/MHz)	Result
		ANT A	ANT B	ANT A+B		ANT A	ANT B	ANT A+B		
38	5190	2.811	3.633	6.252	0.5	3.311	4.133	6.752	14.99	Pass

46	5230	2.398	4.191	6.397	0.5	2.898	4.691	6.897		
<b>802.11ax(HE20) mode</b>										
CH No.	Frequency (MHz)	Measured PSD (dBm/MHz)			Duty Factor	Total PSD Power(dBm/MHz)			Limit (dBm/MHz)	Result
		ANT A	ANT B	ANT A+B		ANT A	ANT B	ANT A+B		
36	5180	6.068	6.284	9.188	0.61	6.678	6.894	9.788	14.99	Pass
48	5240	5.043	6.601	8.902	0.61	5.653	7.211	7.512		
<b>802.11ax(HE40) mode</b>										
CH No.	Frequency (MHz)	Measured PSD (dBm/MHz)			Duty Factor	Total PSD Power(dBm/MHz)			Limit (dBm/MHz)	Result
		ANT A	ANT B	ANT A+B		ANT A	ANT B	ANT A+B		
38	5190	2.873	3.74	6.338	0.5	3.373	4.24	6.838	14.99	Pass
46	5230	2.454	4.093	6.361	0.5	2.954	4.593	6.861		
<b>802.11ax(HE80) mode</b>										
CH No.	Frequency (MHz)	Measured PSD (dBm/MHz)			Duty Factor	Total PSD Power(dBm/MHz)			Limit (dBm/MHz)	Result
		ANT A	ANT B	ANT A+B		ANT A	ANT B	ANT A+B		
42	5210	0.456	3.117	4.997	0.71	1.166	3.827	5.707	14.99	Pass
<b>802.11ac(VHT20) mode</b>										
CH No.	Frequency (MHz)	Measured PSD (dBm/MHz)			Duty Factor	Total PSD Power(dBm/MHz)			Limit (dBm/MHz)	Result
		ANT A	ANT B	ANT A+B		ANT A	ANT B	ANT A+B		
36	5180	6.205	6.219	9.222	0.2	6.405	6.419	9.422	14.99	Pass
48	5240	5.413	6.878	9.217	0.2	5.613	7.078	9.417		
<b>802.11ac(VHT40) mode</b>										
CH No.	Frequency (MHz)	Measured PSD (dBm/MHz)			Duty Factor	Total PSD Power(dBm/MHz)			Limit (dBm/MHz)	Result
		ANT A	ANT B	ANT A+B		ANT A	ANT B	ANT A+B		
38	5190	2.96	3.554	6.277	0.42	3.38	3.974	6.694	14.99	Pass
46	5230	2.463	3.984	6.3	0.42	2.883	4.402	6.72		
<b>802.11ac(VHT80) mode</b>										
CH No.	Frequency (MHz)	Measured PSD (dBm/MHz)			Duty Factor	Total PSD Power(dBm/MHz)			Limit (dBm/MHz)	Result
		ANT A	ANT B	ANT A+B		ANT A	ANT B	ANT A+B		
42	5210	0.13	3.087	4.866	0.56	0.69	3.647	5.426	14.99	Pass

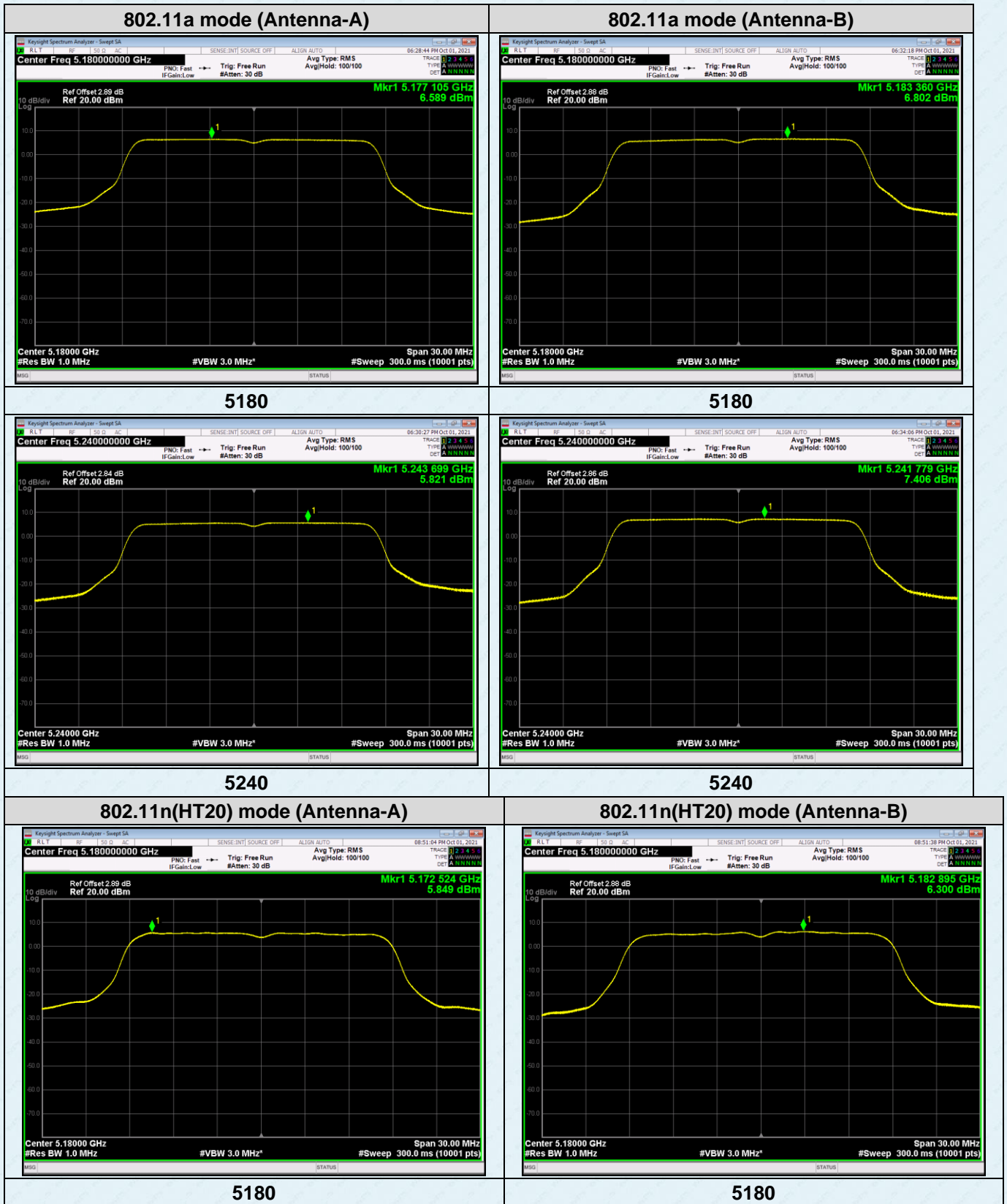
Note: Output Power = Measured Power + Duty Factor

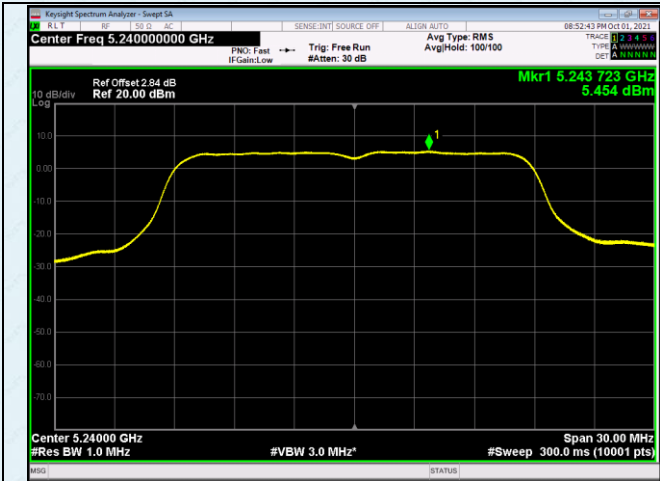
Duty Factor = 10 log (1/Duty Cycle)

Note:For MIMO mode , PSD Limit = 17 - 2.01 = 14.99 dBm/3KHz



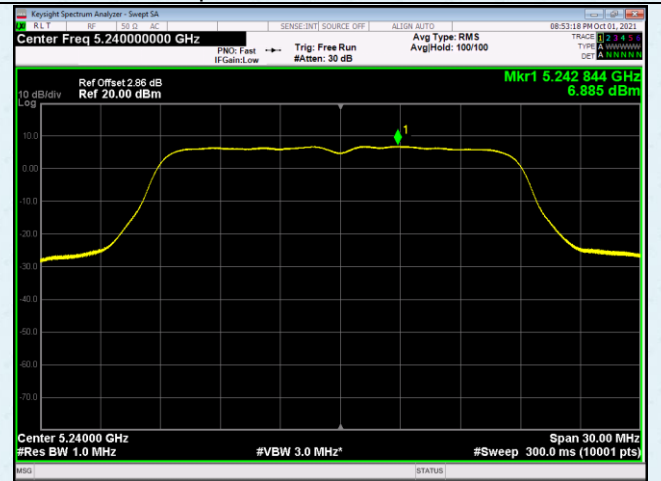
Test plots as followed:





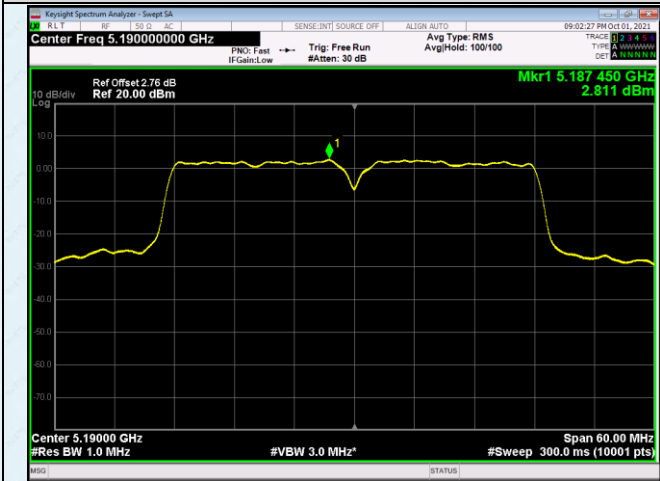
5240

802.11n(HT40) mode (Antenna-A)

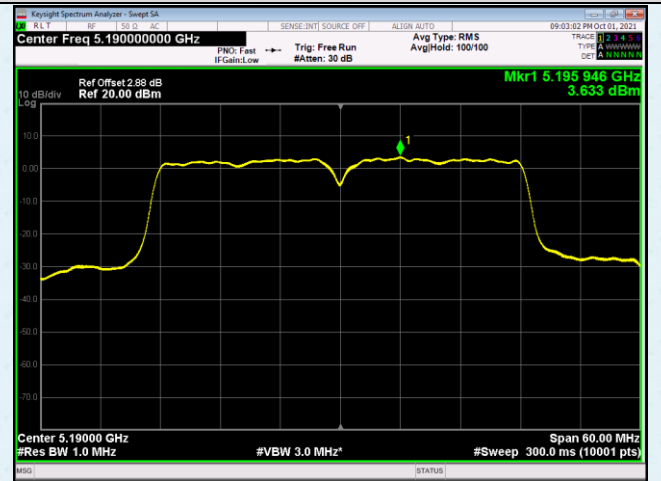


5240

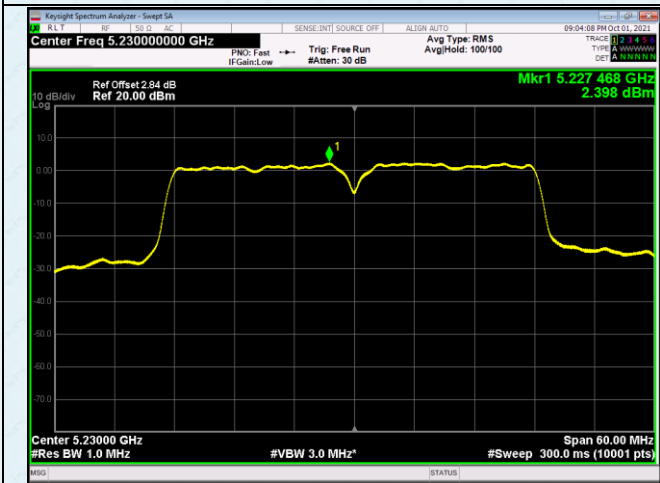
802.11n(HT40) mode (Antenna-B)



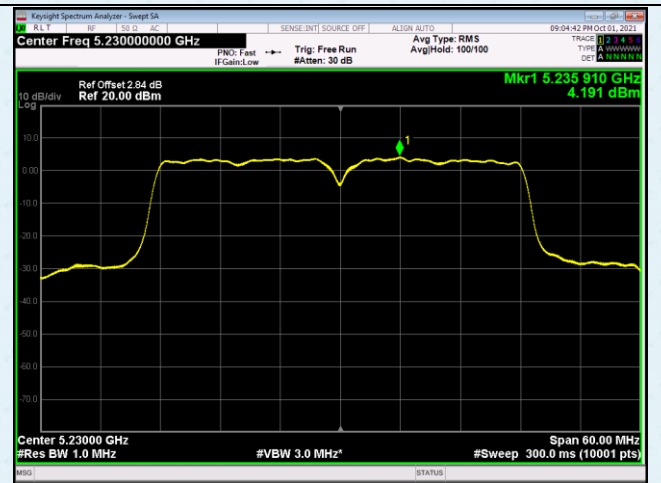
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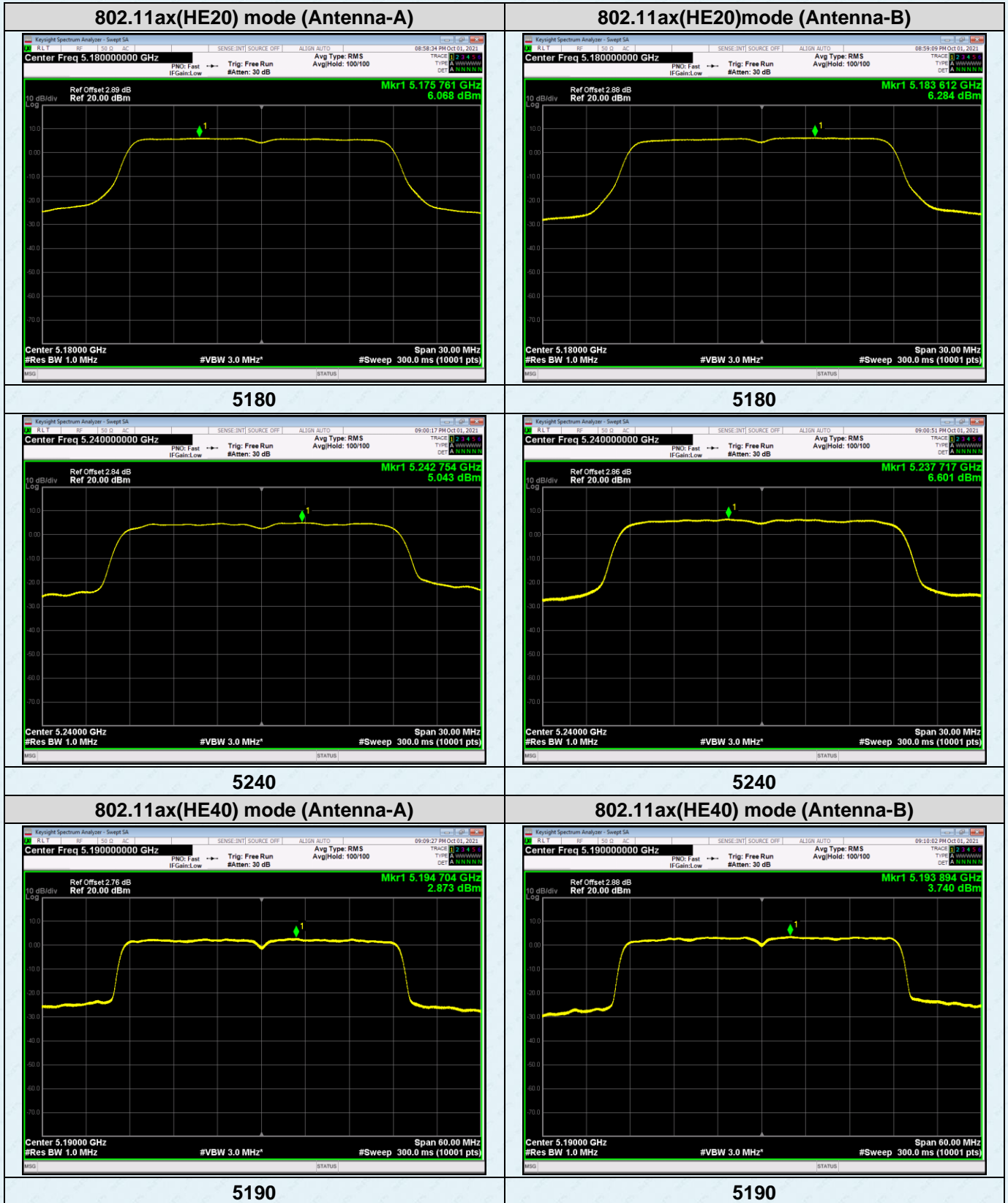
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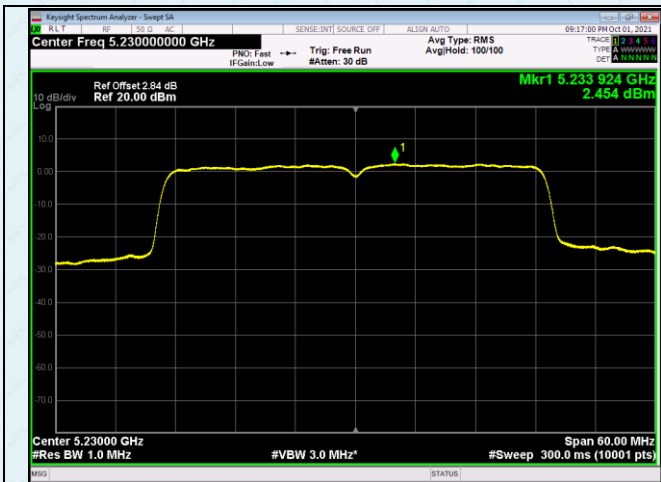
5230



5230

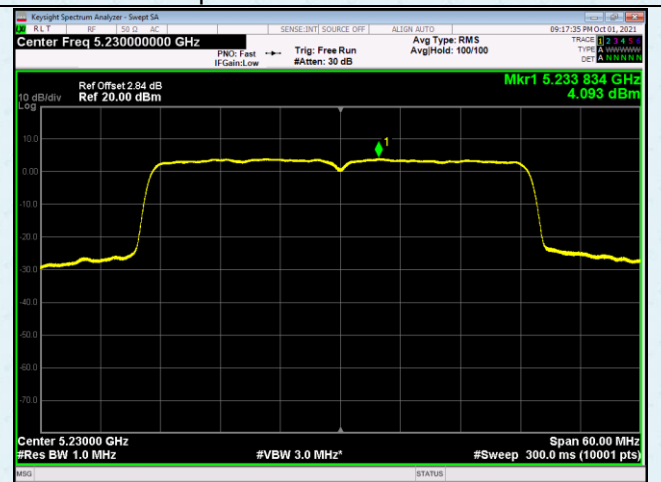






5230

802.11ax(HE80) mode (Antenna-A)



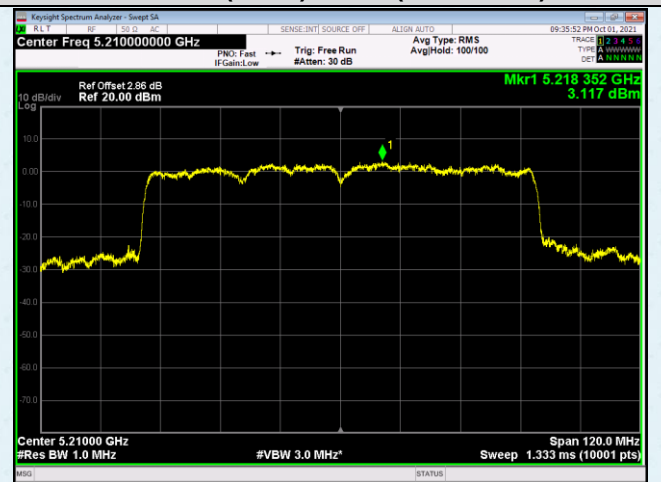
5230

802.11ax(HE80) mode (Antenna-B)



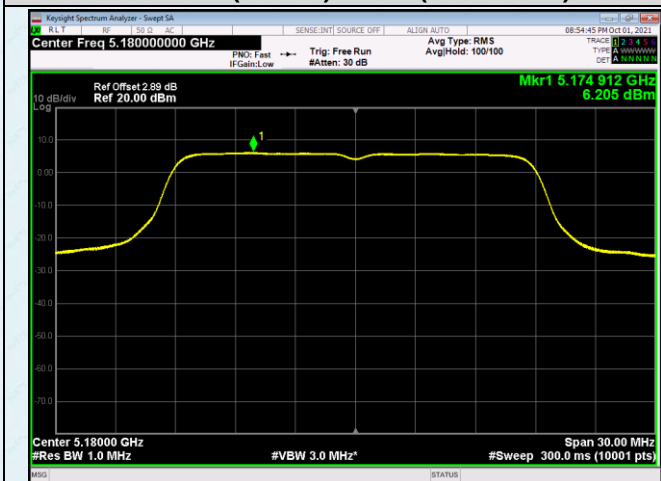
5210

802.11ac(VHT20) mode (Antenna-A)

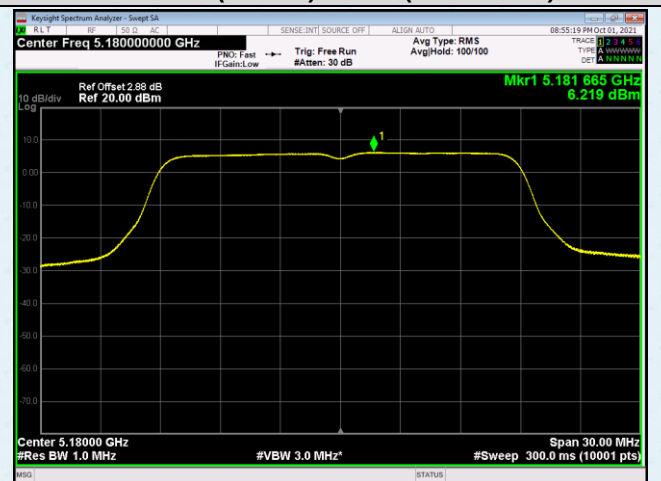


5210

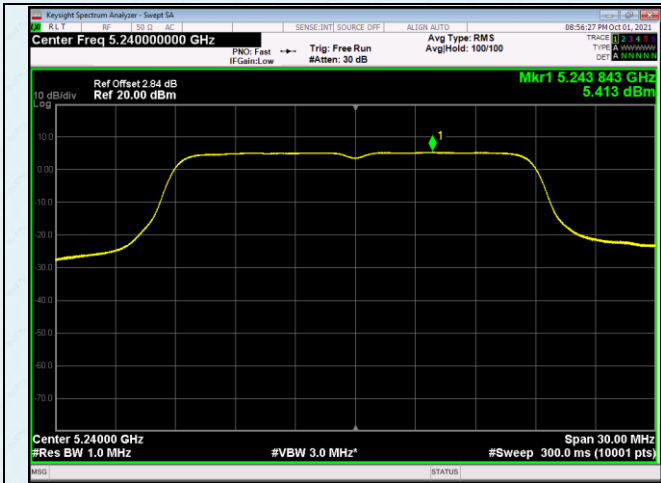
802.11ac(VHT20) mode (Antenna-B)



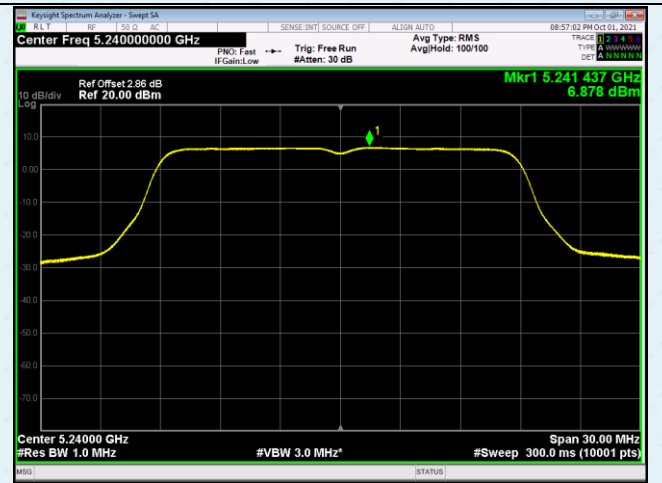
5180



5180



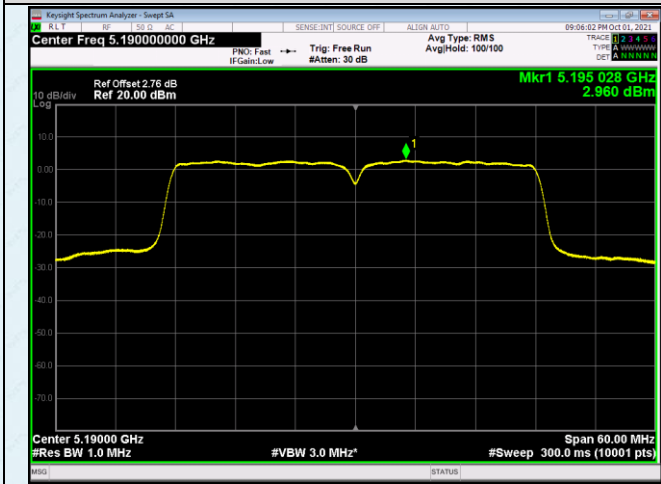
5240



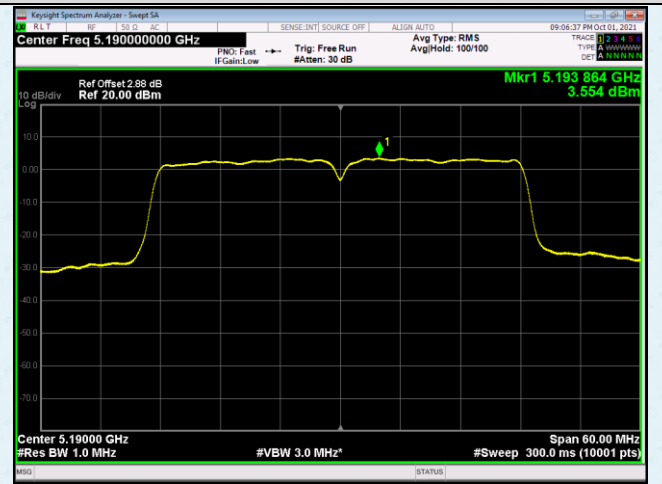
5240

802.11ac(VHT40) mode (Antenna-A)

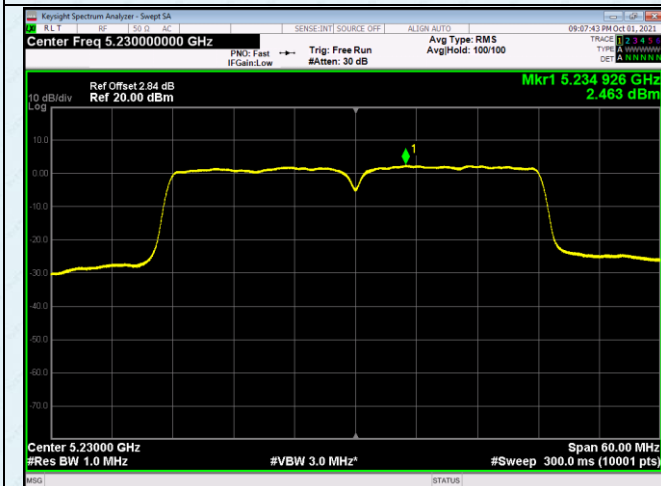
802.11ac(VHT40) mode (Antenna-B)



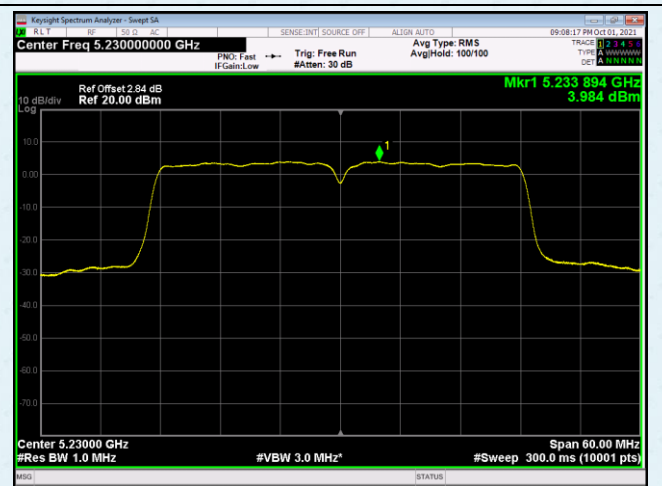
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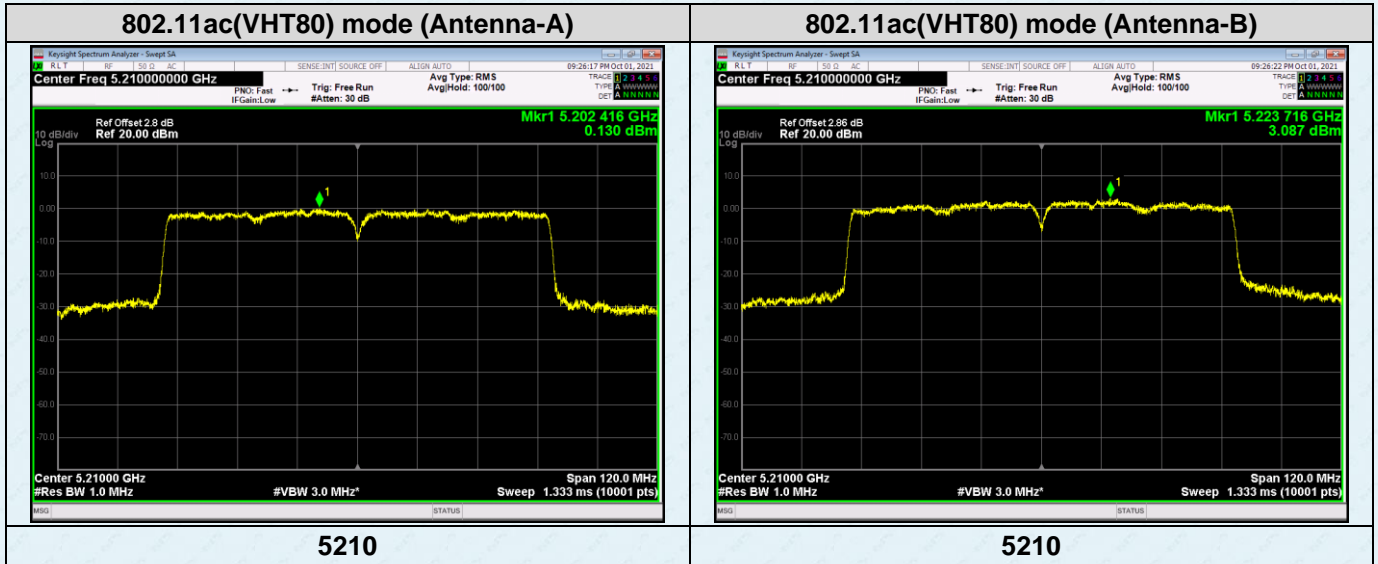
5190



5230



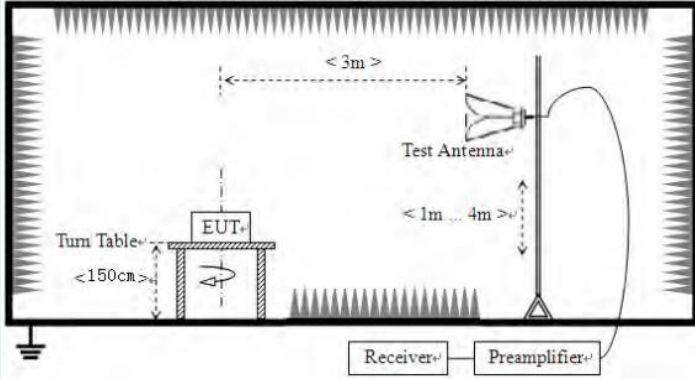
5230



**Note: Note: We tested 802.11a/n /ac/ax mode the all data rate and recorded the worst case data.**

## 7.6 Band Edge

Test Requirement:	FCC Part15 E Section 15.407 and 5.205			
Test Method:	ANSI C63.10:2013			
Test site:	Measurement Distance: 3m (Semi-Anechoic Chamber)			
Receiver setup:	Frequency	Detector	RBW	VBW
	30MHz-1GHz	Quasi-peak	100KHz	300KHz
	Above 1GHz	Peak	1MHz	3MHz
		AV	1MHz	3MHz
Limit:	Frequency	Limit (dBuV/m @3m)		Remark
	30MHz-88MHz	40.0		Quasi-peak Value
	88MHz-216MHz	43.5		Quasi-peak Value
	216MHz-960MHz	46.0		Quasi-peak Value
	960MHz-1GHz	54.0		Quasi-peak Value
	Above 1GHz	54.0		Average Value
		68.2		Peak Value
<p>Undesirable emission limits:</p> <p>(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 EIRP of -27 dBm/MHz.</p> <p>(2) For transmitters operating in the 5.25-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5.25-5.35 GHz band that generate emissions in the 5.15-5.25 GHz band must meet all applicable technical requirements for operation in the 5.15-5.25 GHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5.15-5.25 GHz band.</p> <p>(3) For transmitters operating in the 5.47-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.</p>				
Test Procedure:	<p>a. The EUT was placed on the top of a rotating table 1.5 m above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.</p> <p>b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</p> <p>c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</p> <p>d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</p> <p>e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</p> <p>f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data</p>			

	sheet.
Test setup:	<p>For radiated emissions above 1GHz</p> 
Test Instruments:	Refer to section 6 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

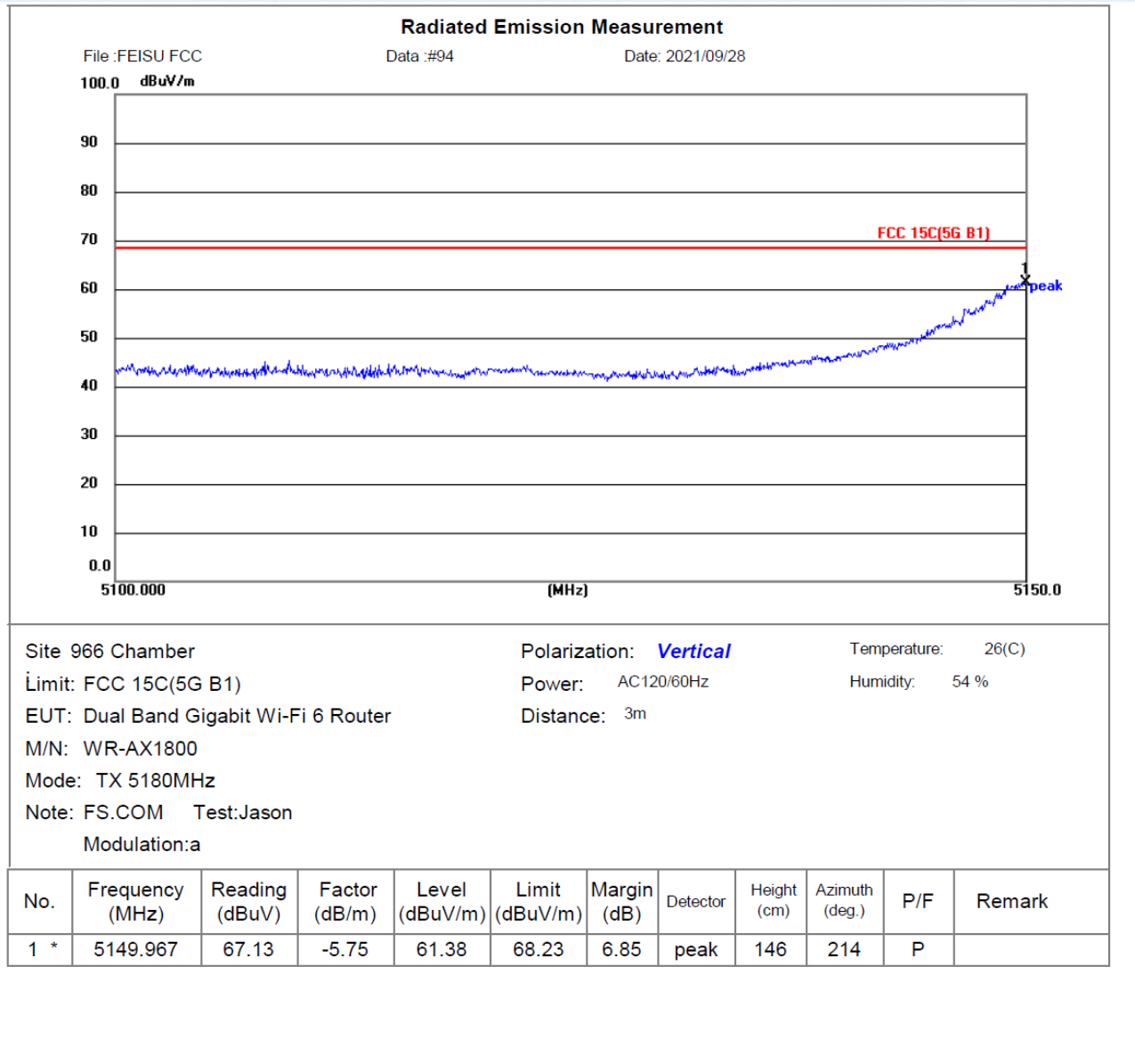
**Remarks:**

1. Only the worst case Main Antenna test data.
2. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. The pre-test were performed on lowest, middle and highest frequencies, only the worst case's (lowest and highest frequencies) data was showed.
5. According to KDB 789033 D02 v02r01 section G) 1) (d), for For measurements above 1000 MHz @ 3m distance, the limit of field strength is computed as follows:  
 $E[\text{dBuV/m}] = \text{EIRP}[\text{dBm}] + 95.2;$   
 For example, if  $\text{EIRP} = -27\text{dBm}$   
 $E[\text{dBuV/m}] = -27 + 95.2 = 68.2\text{dBuV/m}.$

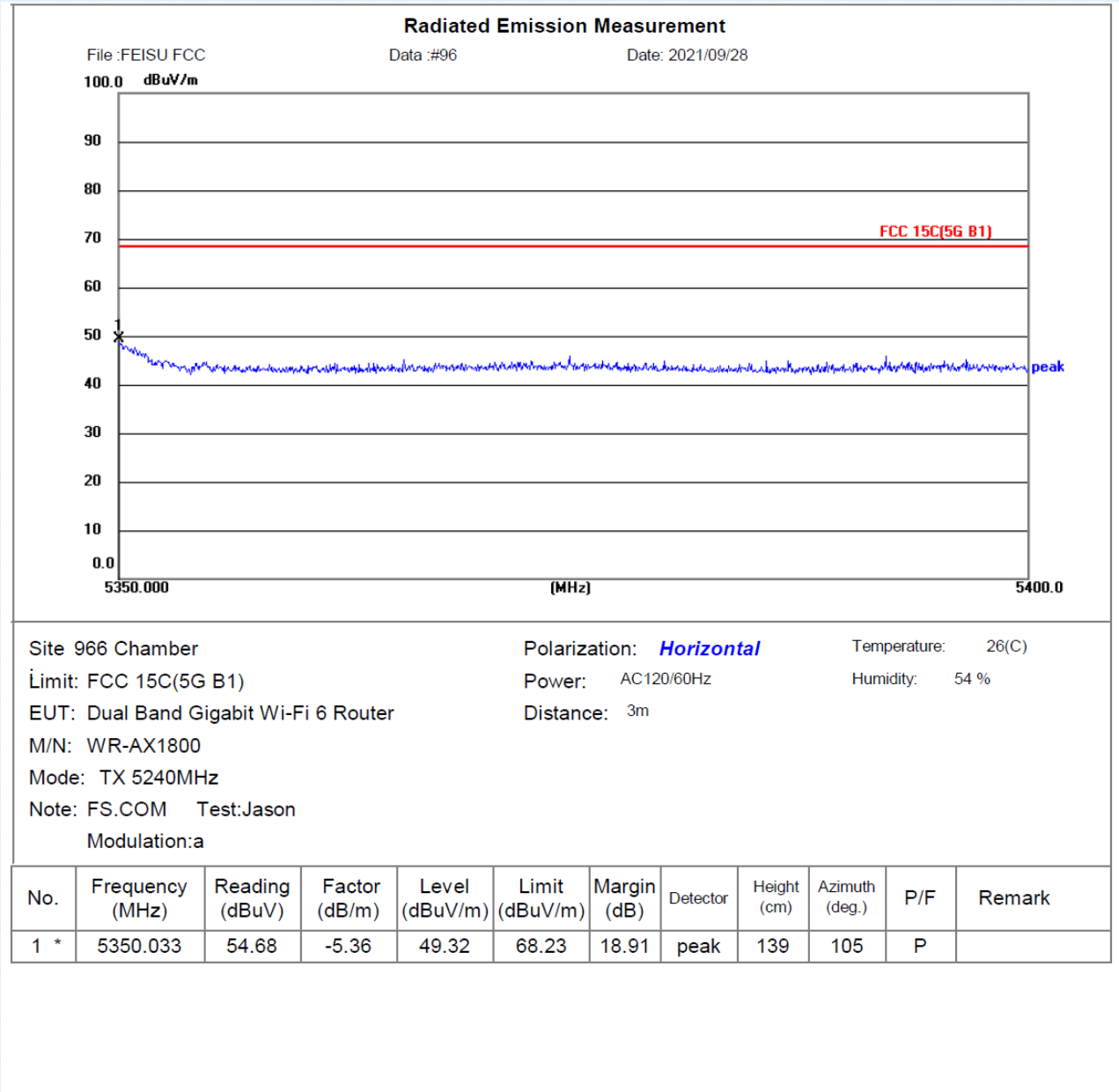




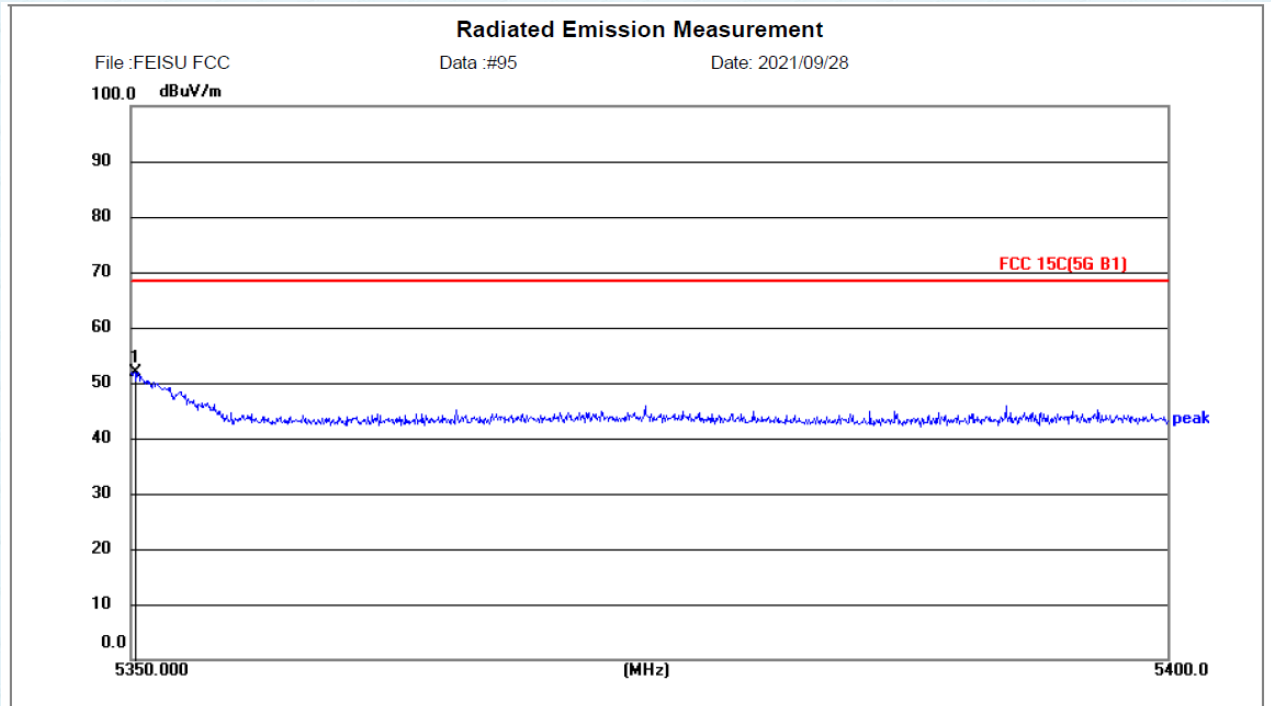
**Vertical: 802.11a (TX 5180MHz)**



**Horizontal: 802.11a (TX 5240MHz)**



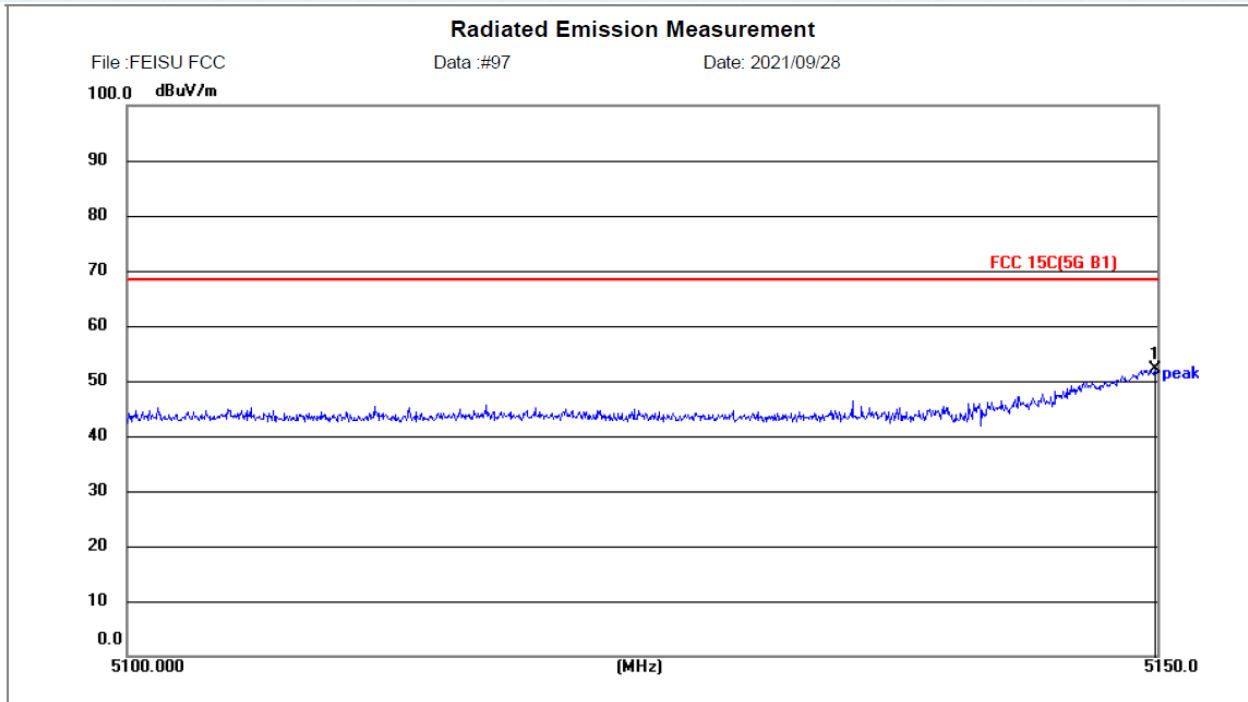
**Vertical: 802.11a (TX 5240MHz)**



Site 966 Chamber	Polarization: <b>Vertical</b>	Temperature: 26(C)
Limit: FCC 15C(5G B1)	Power: AC120/60Hz	Humidity: 54 %
EUT: Dual Band Gigabit Wi-Fi 6 Router	Distance: 3m	
M/N: WR-AX1800		
Mode: TX 5240MHz		
Note: FS.COM Test:Jason		
Modulation:a		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5350.167	57.24	-5.35	51.89	68.23	16.34	peak	143	218	P	

**Horizontal: 802.11n HT20 (TX 5180MHz)**

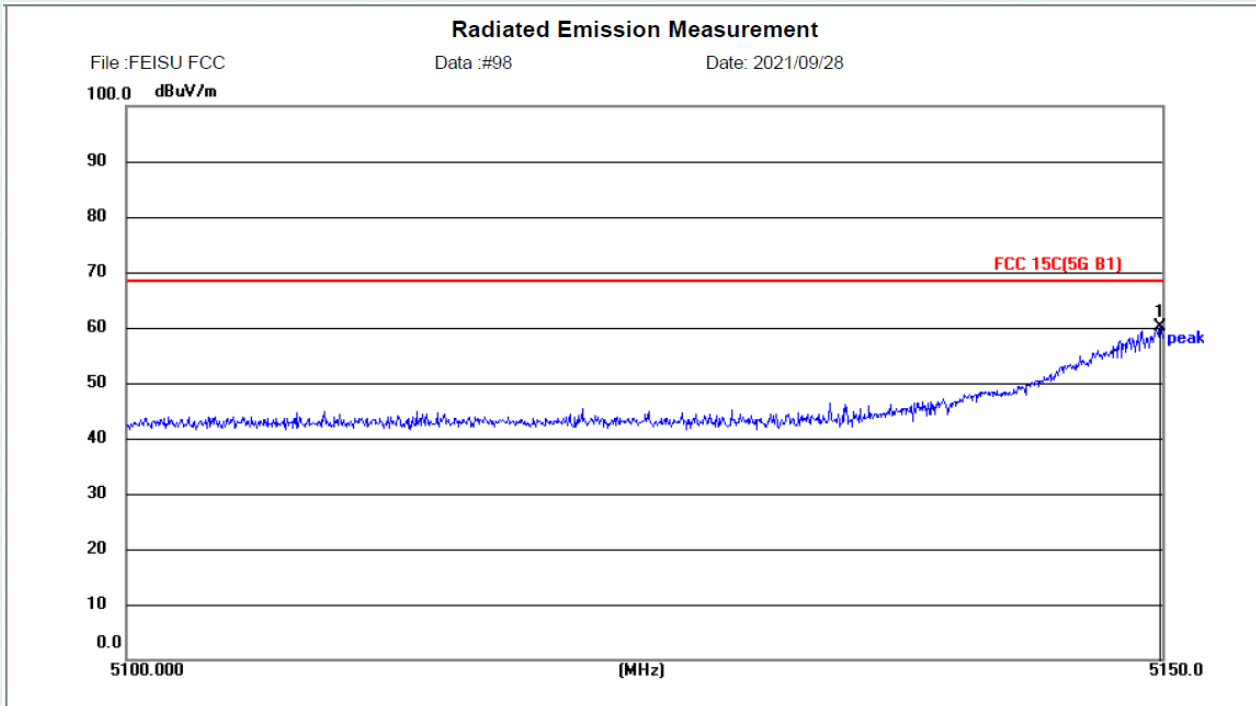


Site 966 Chamber	Polarization: <b>Horizontal</b>	Temperature: 26(C)
Limit: FCC 15C(5G B1)	Power: AC120/60Hz	Humidity: 54 %
EUT: Dual Band Gigabit Wi-Fi 6 Router	Distance: 3m	
M/N: WR-AX1800		
Mode: TX 5180MHz		
Note: FS.COM Test: Jason		
Modulation: n HT20		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5149.933	57.97	-5.75	52.22	68.23	16.01	peak	128	226	P	



**Vertical: 802.11n HT20 (TX 5180MHz)**

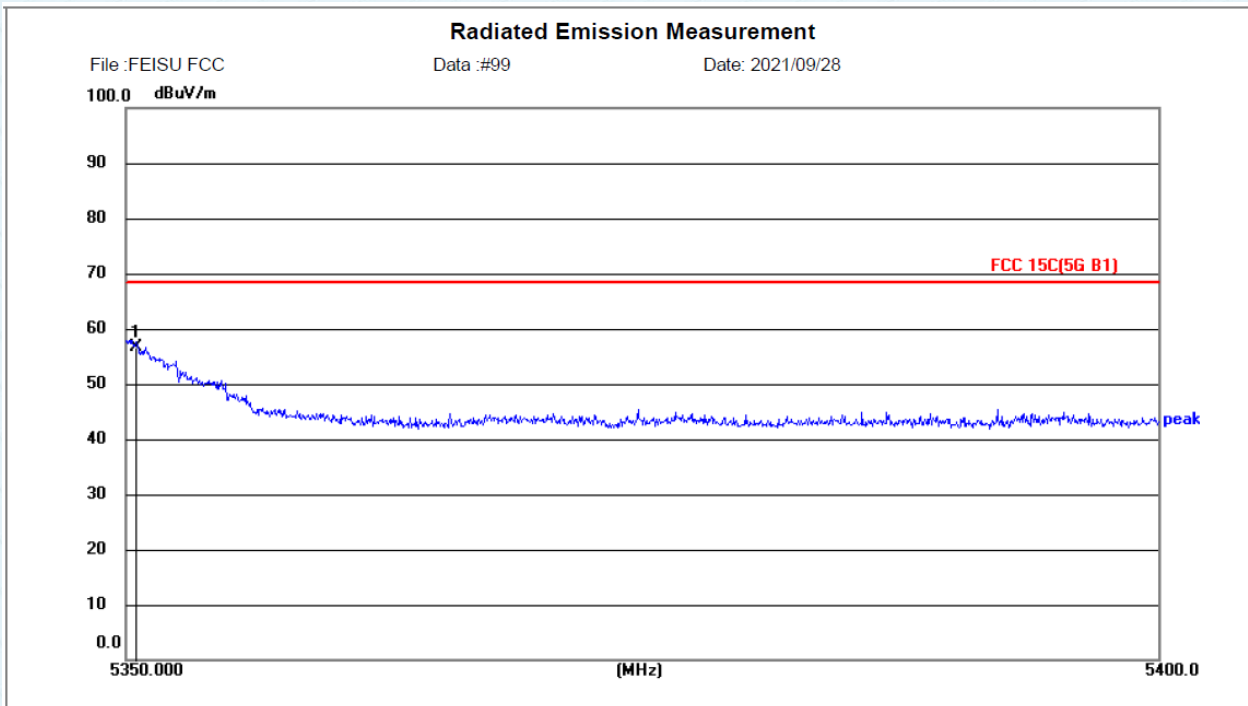


Site 966 Chamber	Polarization: <b>Vertical</b>	Temperature: 26(C)
Limit: FCC 15C(5G B1)	Power: AC120/60Hz	Humidity: 54 %
EUT: Dual Band Gigabit Wi-Fi 6 Router	Distance: 3m	
M/N: WR-AX1800		
Mode: TX 5180MHz		
Note: FS.COM Test: Jason		
Modulation: n HT20		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5149.900	65.77	-5.75	60.02	68.23	8.21	peak	153	316	P	



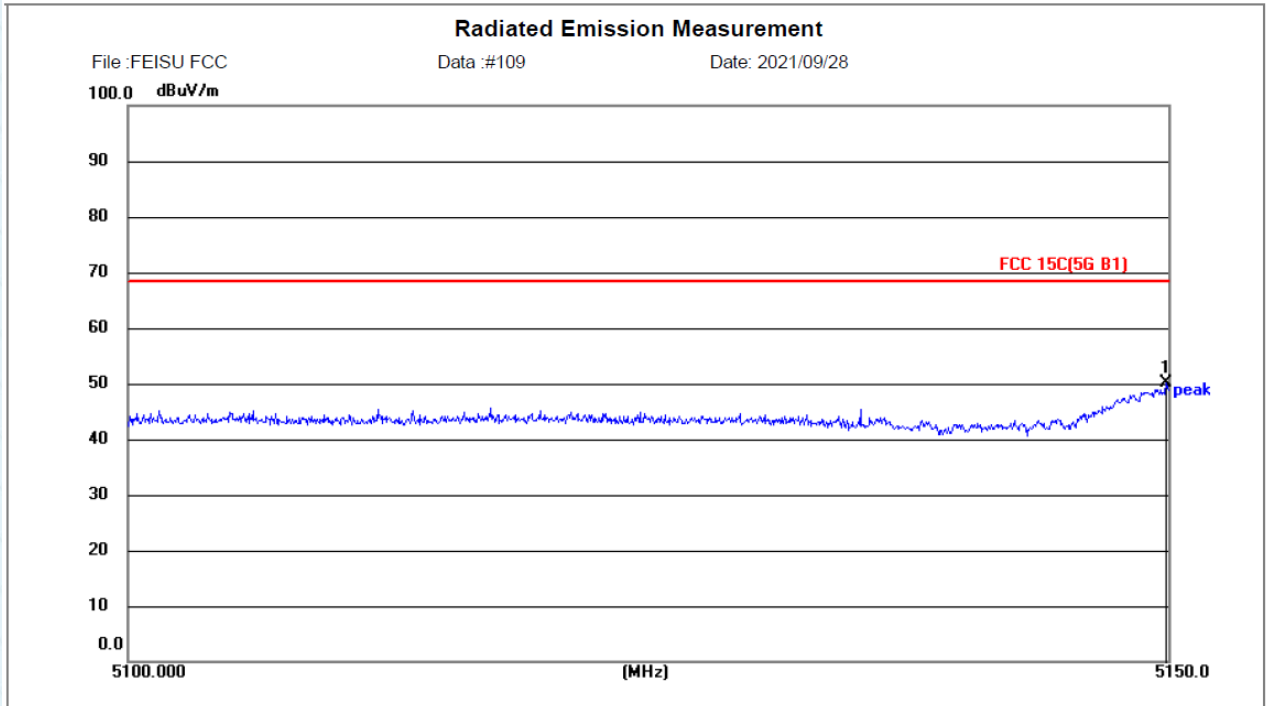
**Vertical: 802.11n HT20 (TX 5240MHz)**



Site 966 Chamber	Polarization: <b>Vertical</b>	Temperature: 26(C)
Limit: FCC 15C(5G B1)	Power: AC120/60Hz	Humidity: 54 %
EUT: Dual Band Gigabit Wi-Fi 6 Router	Distance: 3m	
M/N: WR-AX1800		
Mode: TX 5240MHz		
Note: FS.COM Test:Jason		
Modulation:n HT20		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5350.533	61.98	-5.35	56.63	68.23	11.60	peak	161	139	P	

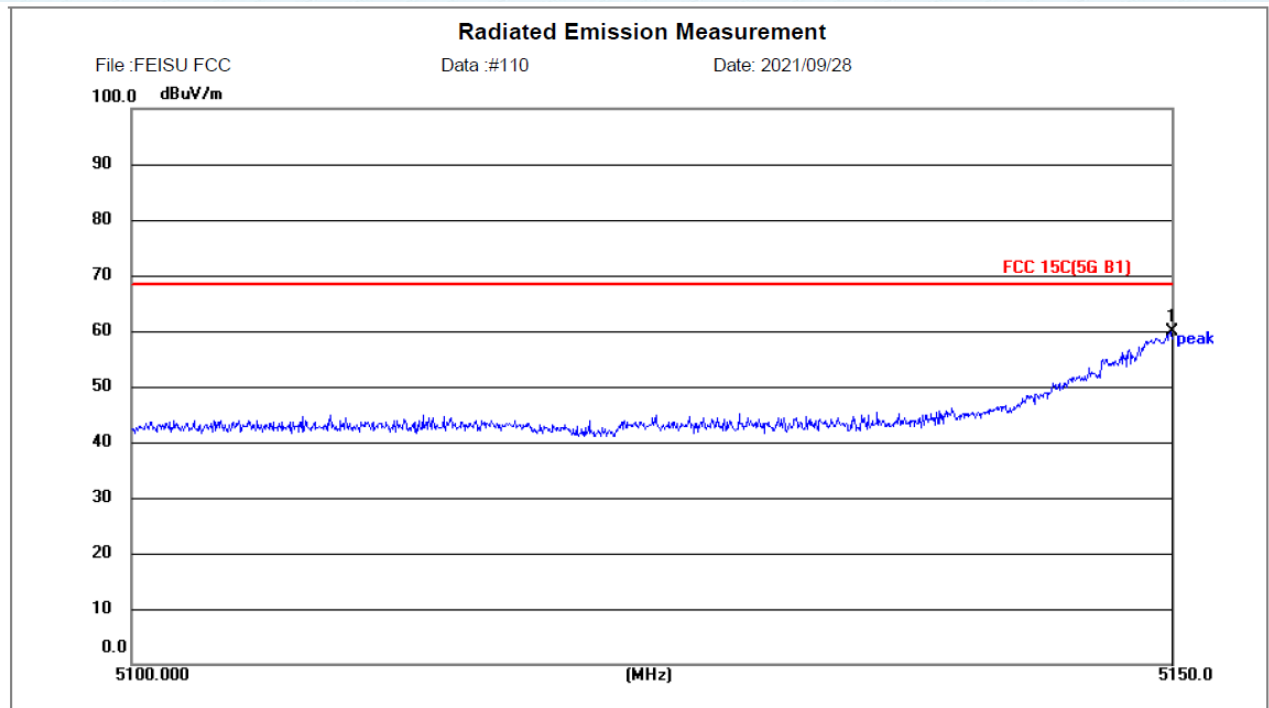
**Horizontal: 802.11n HT40 (TX 5190MHz)**



Site 966 Chamber	Polarization: <b>Horizontal</b>	Temperature: 26(C)
Limit: FCC 15C(5G B1)	Power: AC120/60Hz	Humidity: 54 %
EUT: Dual Band Gigabit Wi-Fi 6 Router	Distance: 3m	
M/N: WR-AX1800		
Mode: TX 5190MHz		
Note: FS.COM Test:Jason		
Modulation:n HT40		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5149.933	55.97	-5.75	50.22	68.23	18.01	peak	138	225	P	

**Vertical: 802.11n HT40 (TX 5190MHz)**



Site: 966 Chamber	Polarization: <b>Vertical</b>	Temperature: 26(C)
Limit: FCC 15C(5G B1)	Power: AC120/60Hz	Humidity: 54 %
EUT: Dual Band Gigabit Wi-Fi 6 Router	Distance: 3m	
M/N: WR-AX1800		
Mode: TX 5190MHz		
Note: FS.COM Test:Jason		
Modulation:n HT40		

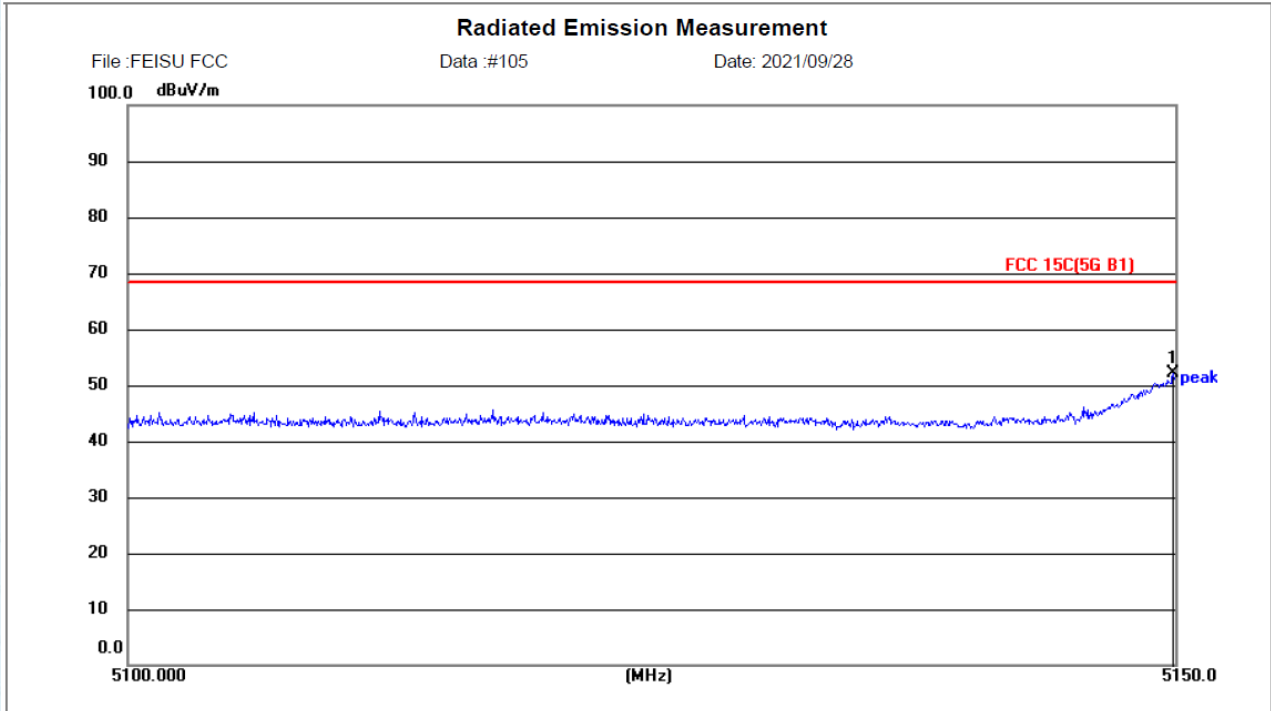
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5149.967	65.63	-5.75	59.88	68.23	8.35	peak	165	147	P	







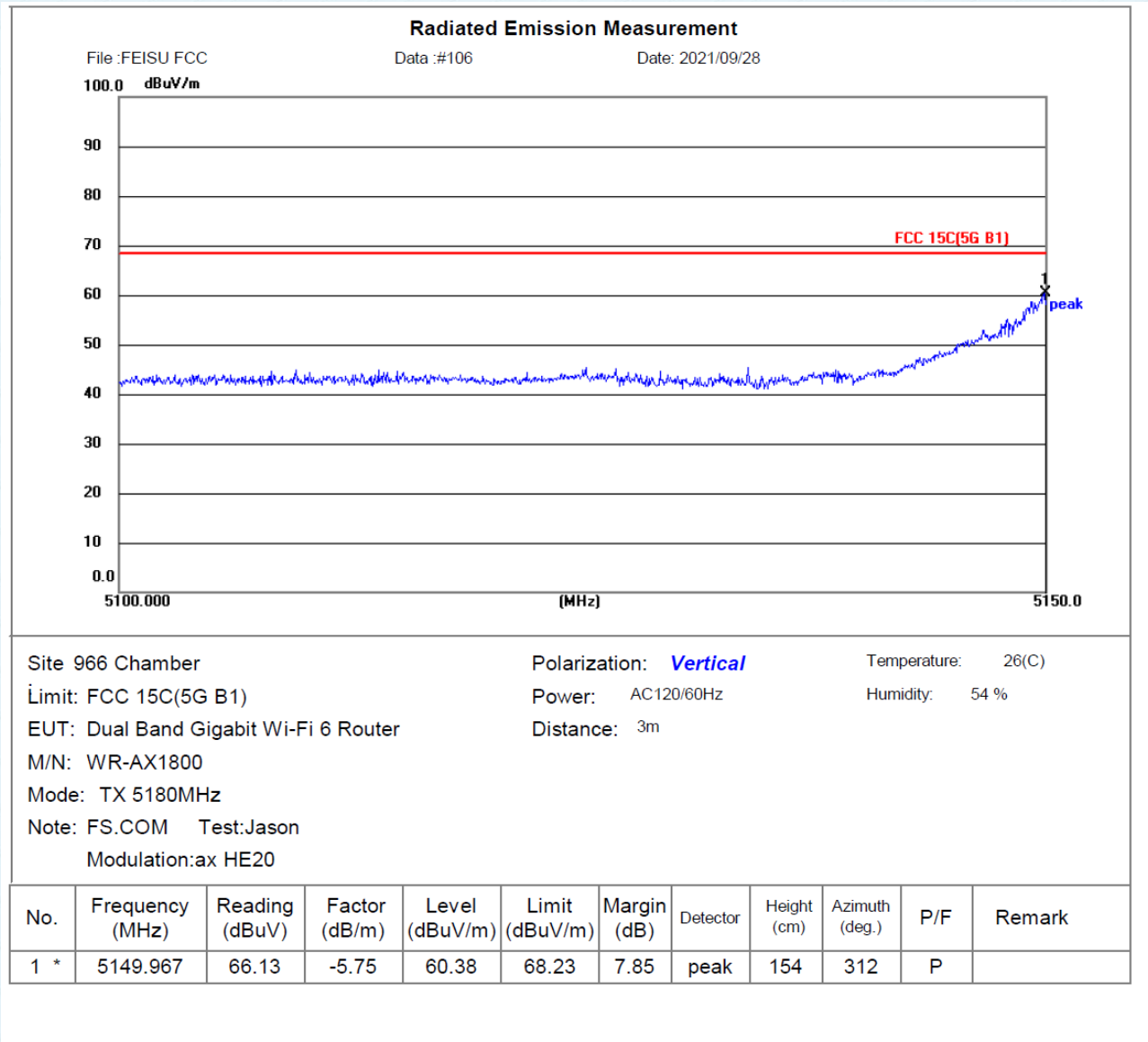
**Horizontal: 802.11ax HE20 (TX 5180MHz)**



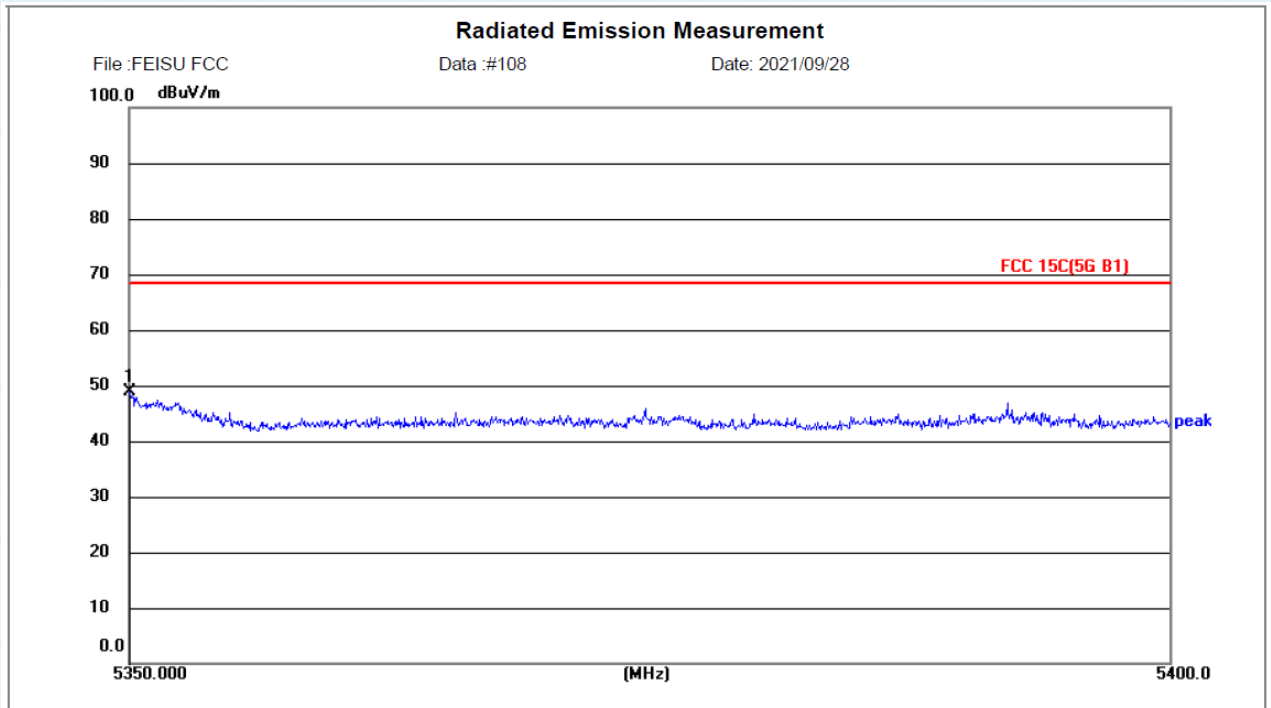
Site 966 Chamber	Polarization: <b>Horizontal</b>	Temperature: 26(C)
Limit: FCC 15C(5G B1)	Power: AC120/60Hz	Humidity: 54 %
EUT: Dual Band Gigabit Wi-Fi 6 Router	Distance: 3m	
M/N: WR-AX1800		
Mode: TX 5180MHz		
Note: FS.COM Test: Jason		
Modulation: ax HE20		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5149.933	57.97	-5.75	52.22	68.23	16.01	peak	166	301	P	

**Vertical: 802.11ax HE20 (TX 5180MHz)**



**Horizontal: 802.11ax HE20 (TX 5240MHz)**



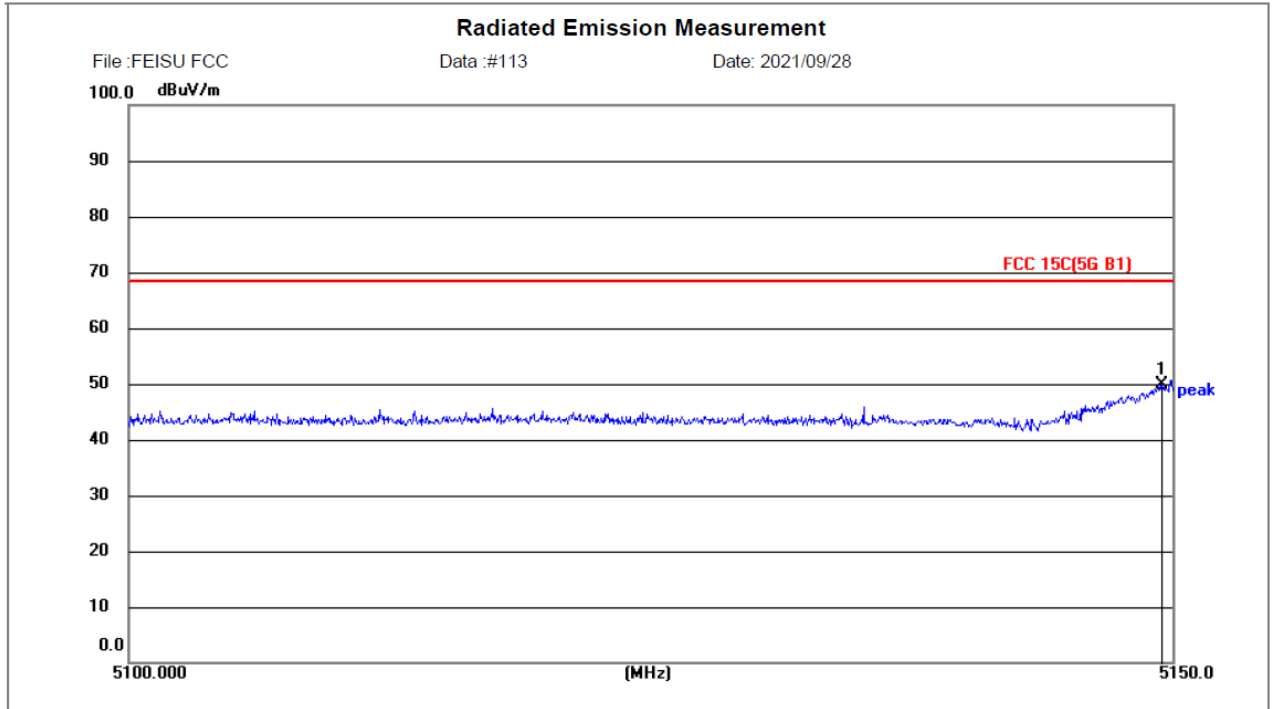
Site 966 Chamber      Polarization: **Horizontal**      Temperature: 26(C)  
 Limit: FCC 15C(5G B1)      Power: AC120/60Hz      Humidity: 54 %  
 EUT: Dual Band Gigabit Wi-Fi 6 Router      Distance: 3m  
 M/N: WR-AX1800  
 Mode: TX 5240MHz  
 Note: FS.COM    Test:Jason  
 Modulation:ax HE20

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5350.050	54.20	-5.36	48.84	68.23	19.39	peak	160	169	P	





**Horizontal: 802.11ax HE40 (TX 5190MHz)**



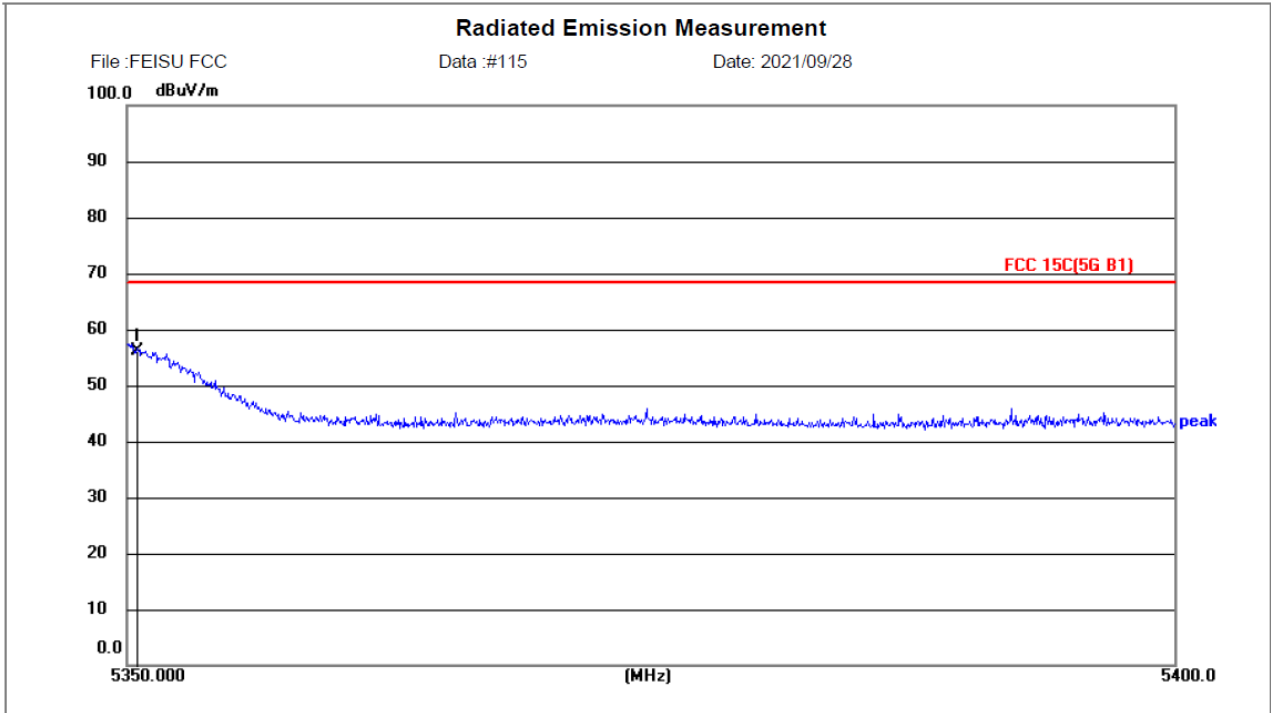
Site: 966 Chamber	Polarization: <b>Horizontal</b>	Temperature: 26(C)
Limit: FCC 15C(5G B1)	Power: AC120/60Hz	Humidity: 54 %
EUT: Dual Band Gigabit Wi-Fi 6 Router	Distance: 3m	
M/N: WR-AX1800		
Mode: TX 5190MHz		
Note: FS.COM Test:Jason		
Modulation:ax HE40		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5149.500	55.71	-5.75	49.96	68.23	18.27	peak	166	205	P	





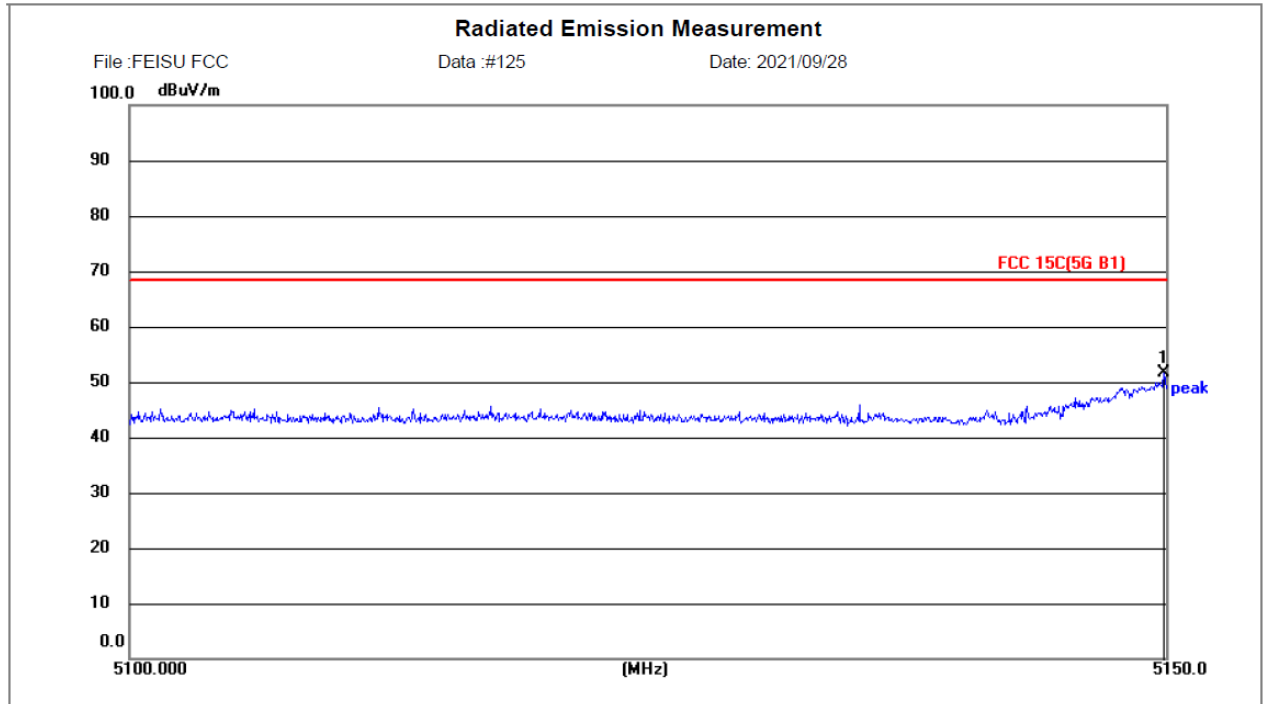
**Vertical: 802.11ax HE40 (TX 5230MHz)**



Site 966 Chamber	Polarization: <b>Vertical</b>	Temperature: 26(C)
Limit: FCC 15C(5G B1)	Power: AC120/60Hz	Humidity: 54 %
EUT: Dual Band Gigabit Wi-Fi 6 Router	Distance: 3m	
M/N: WR-AX1800		
Mode: TX 5230MHz		
Note: FS.COM Test:Jason		
Modulation:ax HE40		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5350.533	61.48	-5.35	56.13	68.23	12.10	peak	158	263	P	

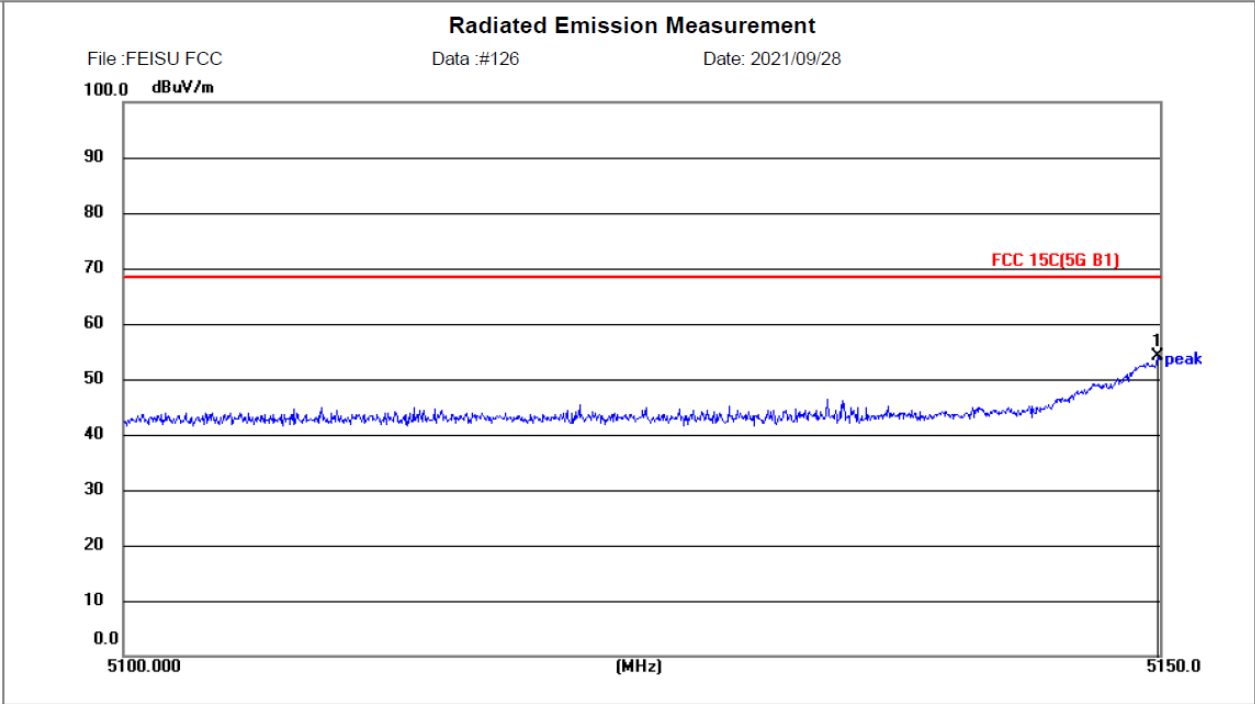
**Horizontal: 802.11ax HE80 (TX 5210MHz)**



Site 966 Chamber	Polarization: <b>Horizontal</b>	Temperature: 26(C)
Limit: FCC 15C(5G B1)	Power: AC120/60Hz	Humidity: 54 %
EUT: Dual Band Gigabit Wi-Fi 6 Router	Distance: 3m	
M/N: WR-AX1800		
Mode: TX 5210MHz		
Note: FS.COM Test:Jason		
Modulation:ax HE80		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5149.933	57.47	-5.75	51.72	68.23	16.51	peak	159	213	P	

**Vertical: 802.11ax HE80 (TX 5210MHz)**

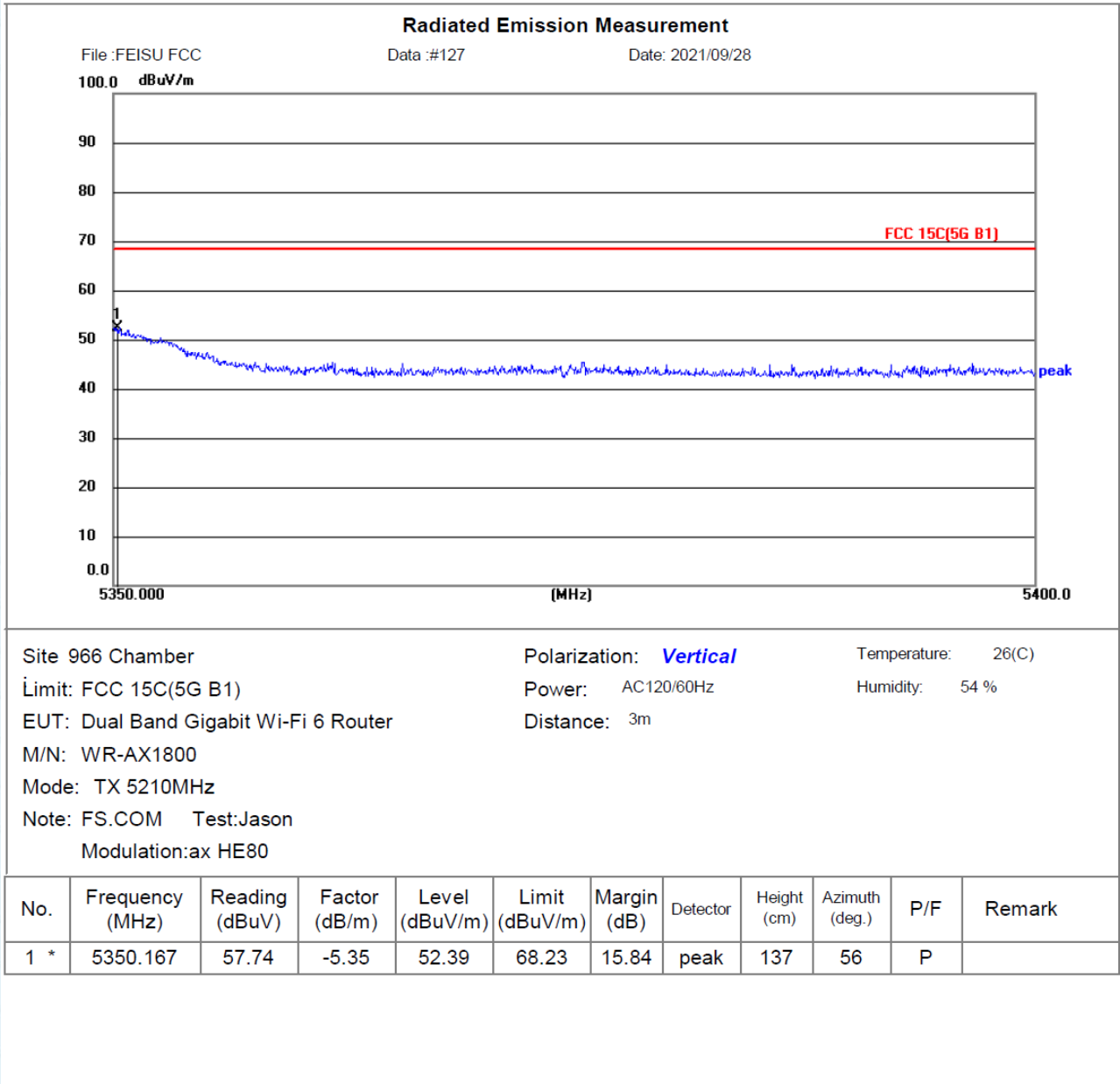


Site 966 Chamber	Polarization: <b>Vertical</b>	Temperature: 26(C)
Limit: FCC 15C(5G B1)	Power: AC120/60Hz	Humidity: 54 %
EUT: Dual Band Gigabit Wi-Fi 6 Router	Distance: 3m	
M/N: WR-AX1800		
Mode: TX 5210MHz		
Note: FS.COM Test:Jason		
Modulation:ax HE80		

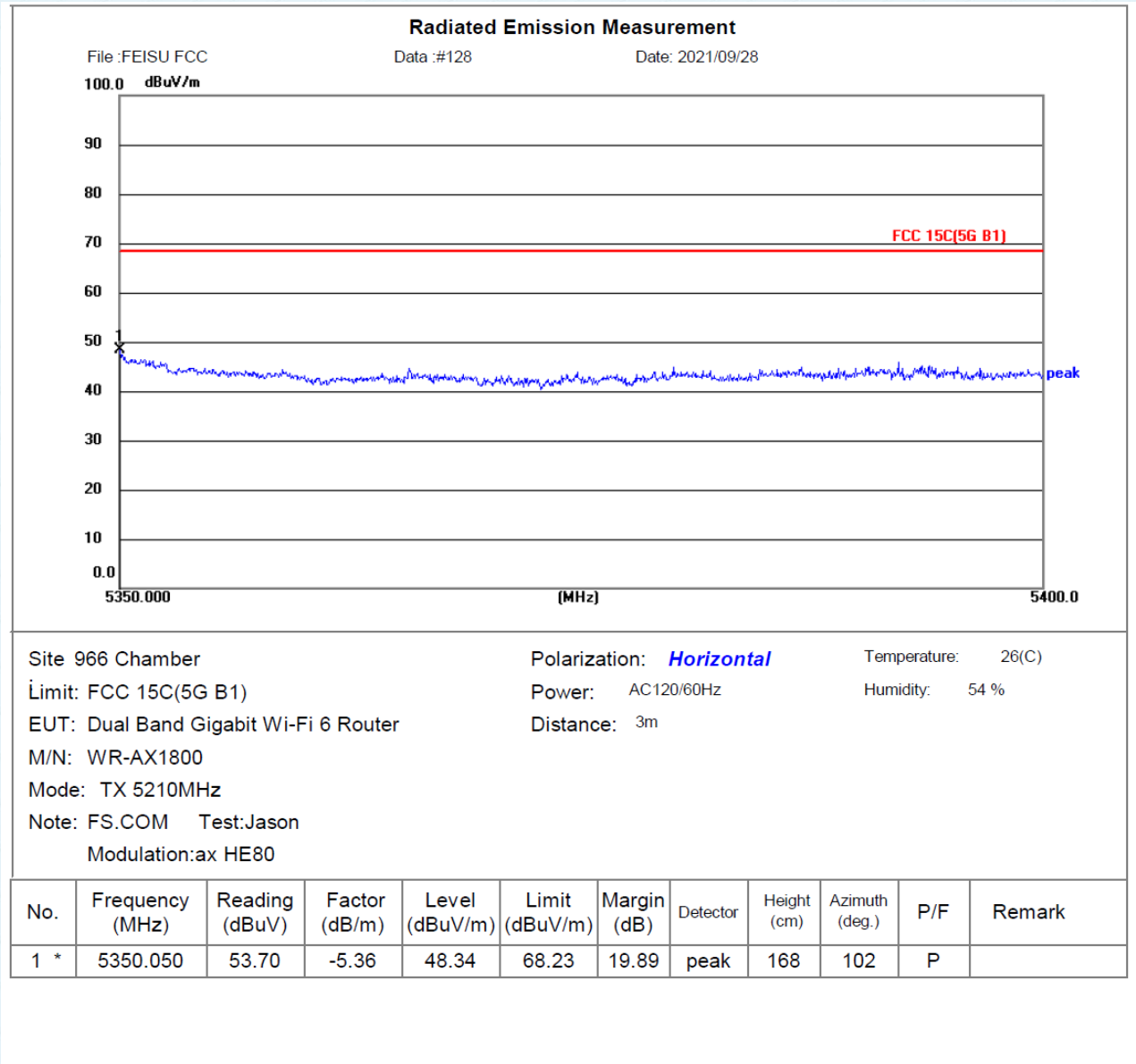
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5149.900	59.77	-5.75	54.02	68.23	14.21	peak	158	332	P	



**Vertical: 802.11ax HE80 (TX 5210MHz)**

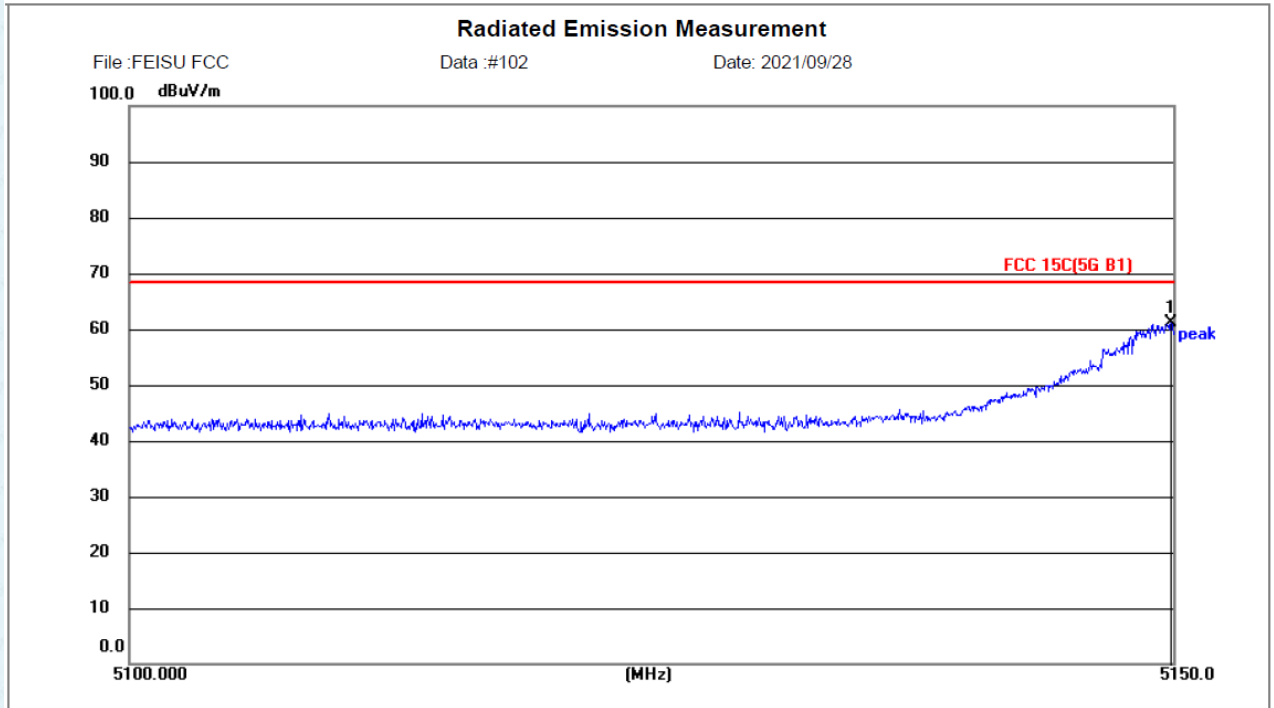


**Horizontal: 802.11ax HE80 (TX 5210MHz)**





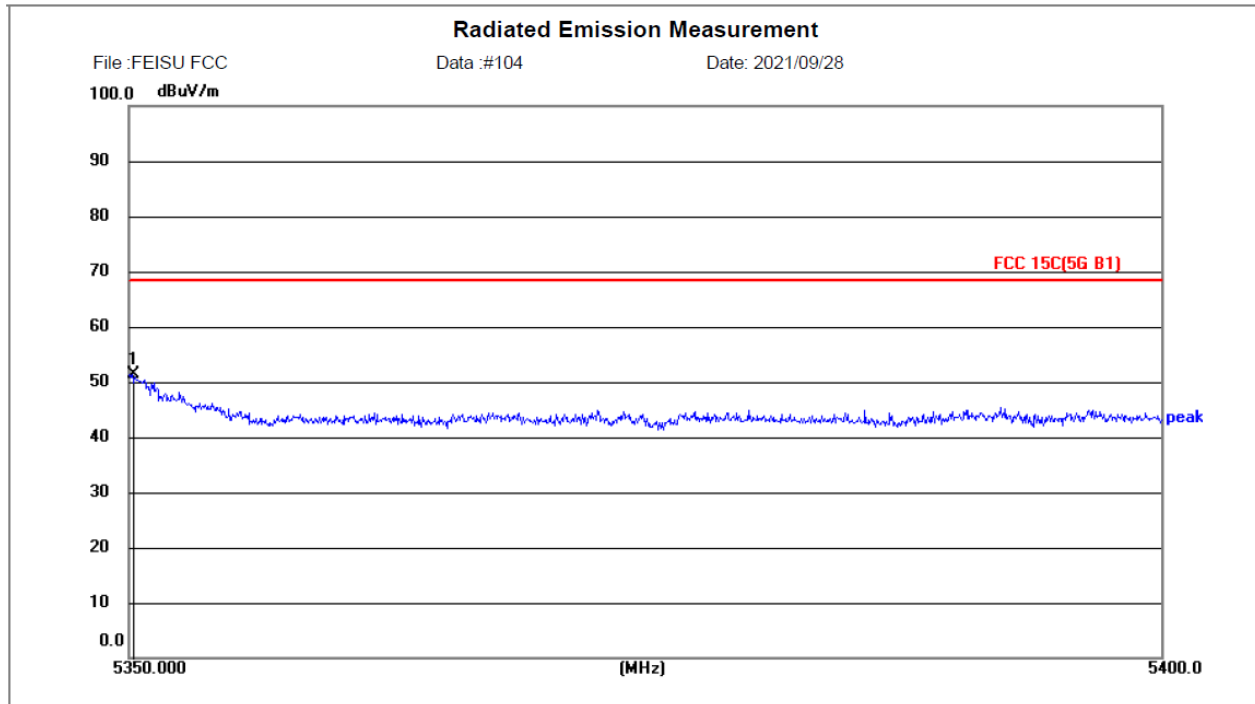
**Vertical: 802.11ac VHT20 (TX 5180MHz)**



Site 966 Chamber	Polarization: <b>Vertical</b>	Temperature: 26(C)
Limit: FCC 15C(5G B1)	Power: AC120/60Hz	Humidity: 54 %
EUT: Dual Band Gigabit Wi-Fi 6 Router	Distance: 3m	
M/N: WR-AX1800		
Mode: TX 5180MHz		
Note: FS.COM Test: Jason		
Modulation: ac vht20		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5149.900	66.77	-5.75	61.02	68.23	7.21	peak	144	231	P	

**Horizontal: 802.11ac VHT20 (TX 5240MHz)**



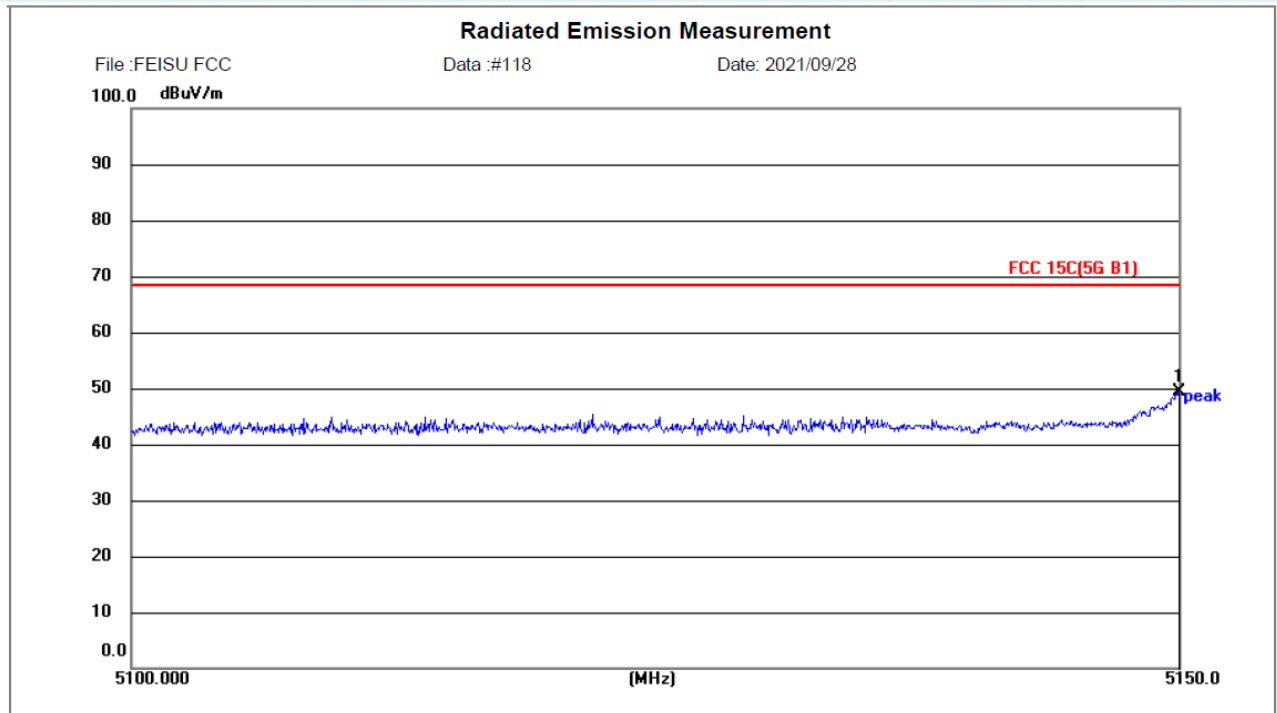
Site 966 Chamber      Polarization: **Horizontal**      Temperature: 26(C)  
 Limit: FCC 15C(5G B1)      Power: AC120/60Hz      Humidity: 54 %  
 EUT: Dual Band Gigabit Wi-Fi 6 Router      Distance: 3m  
 M/N: WR-AX1800  
 Mode: TX 5240MHz  
 Note: FS.COM Test:Jason  
 Modulation:ac vht20

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5350.167	56.74	-5.35	51.39	68.23	16.84	peak	156	174	P	





**Vertical: 802.11ac VHT20 (TX 5240MHz)**

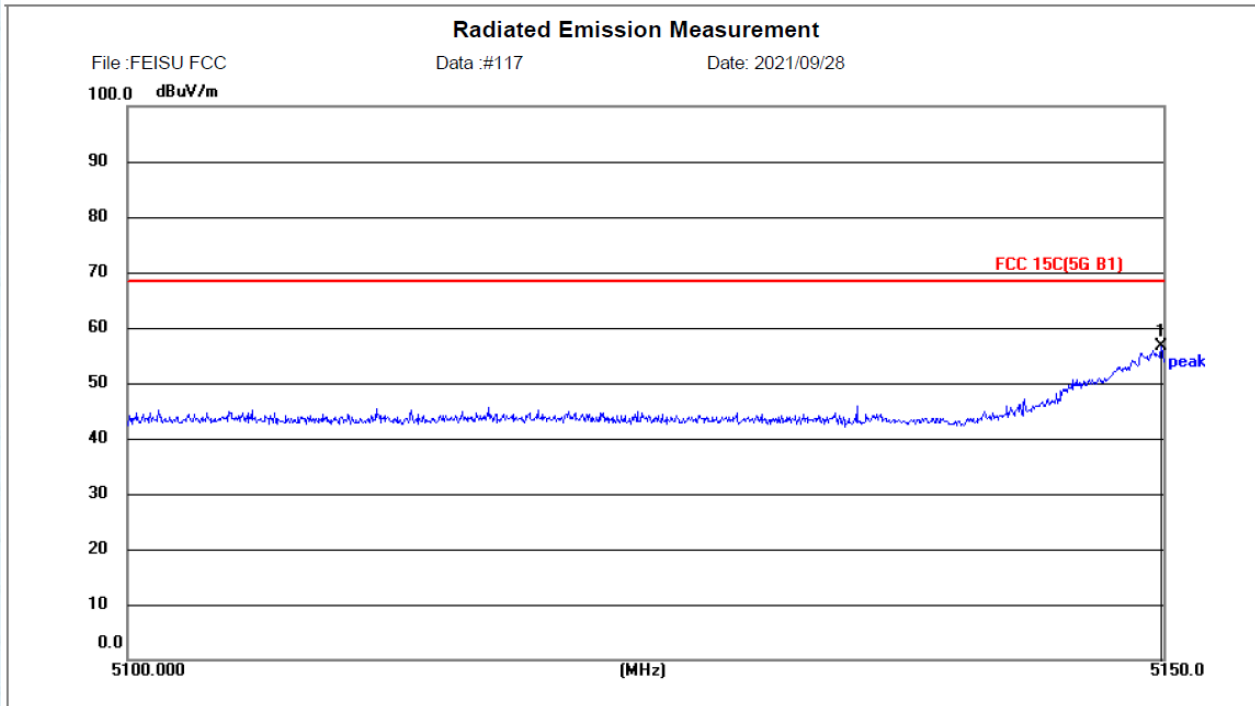


Site 966 Chamber	Polarization: <b>Horizontal</b>	Temperature: 26(C)
Limit: FCC 15C(5G B1)	Power: AC120/60Hz	Humidity: 54 %
EUT: Dual Band Gigabit Wi-Fi 6 Router	Distance: 3m	
M/N: WR-AX1800		
Mode: TX 5190MHz		
Note: FS.COM Test: Jason		
Modulation: ac vht40		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5149.967	55.13	-5.75	49.38	68.23	18.85	peak	135	201	P	



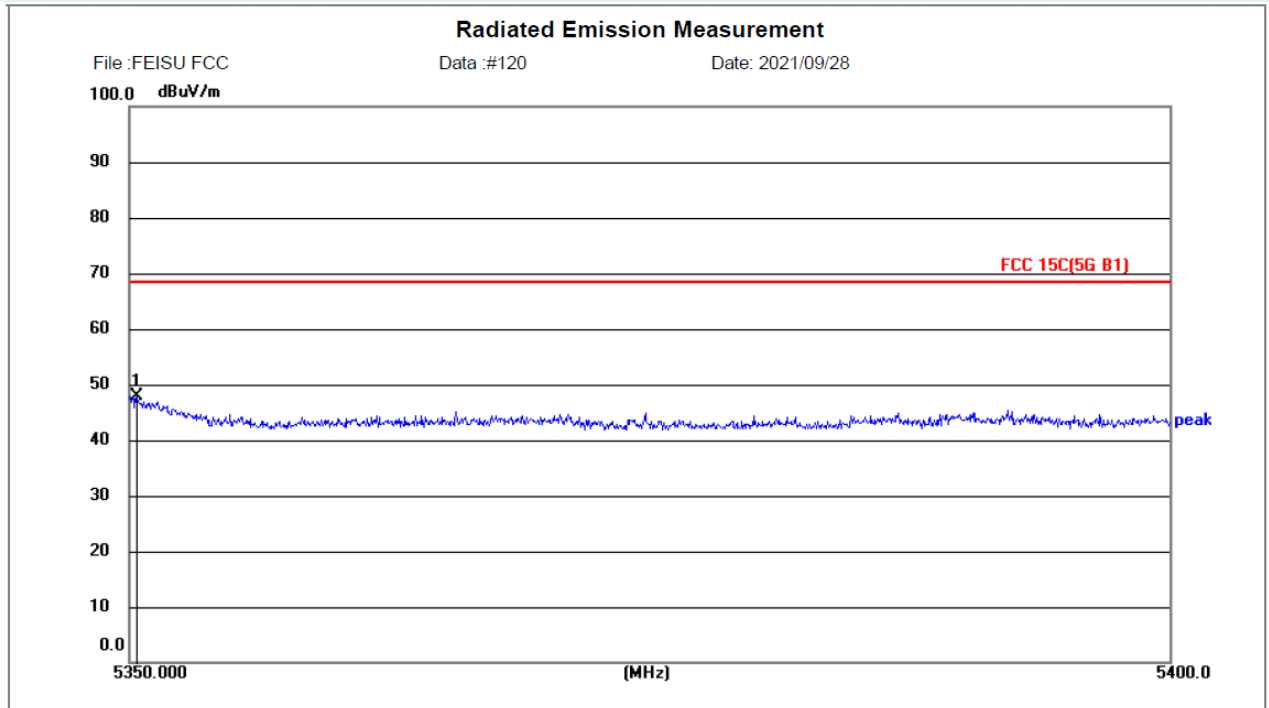
**Vertical: 802.11ac VHT40 (TX 5190MHz)**



Site 966 Chamber	Polarization: <b>Vertical</b>	Temperature: 26(C)
Limit: FCC 15C(5G B1)	Power: AC120/60Hz	Humidity: 54 %
EUT: Dual Band Gigabit Wi-Fi 6 Router	Distance: 3m	
M/N: WR-AX1800		
Mode: TX 5190MHz		
Note: FS.COM Test:Jason		
Modulation:ac vht40		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5149.933	62.47	-5.75	56.72	68.23	11.51	peak	168	135	P	

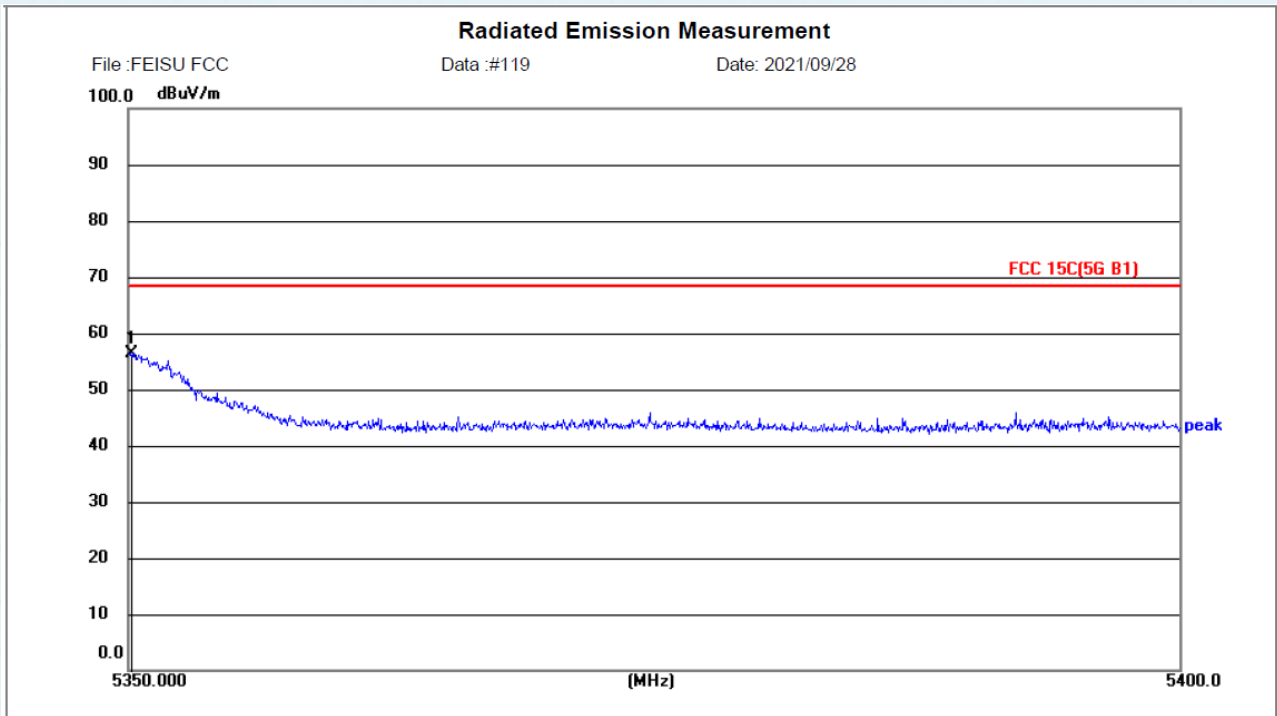
**Horizontal: 802.11ac VHT40 (TX 5230MHz)**



Site: 966 Chamber	Polarization: <b>Horizontal</b>	Temperature: 26(C)
Limit: FCC 15C(5G B1)	Power: AC120/60Hz	Humidity: 54 %
EUT: Dual Band Gigabit Wi-Fi 6 Router	Distance: 3m	
M/N: WR-AX1800		
Mode: TX 5230MHz		
Note: FS.COM Test: Jason		
Modulation: ac vht40		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5350.350	53.20	-5.35	47.85	68.23	20.38	peak	148	214	P	

**Vertical: 802.11ac VHT40 (TX 5230MHz)**



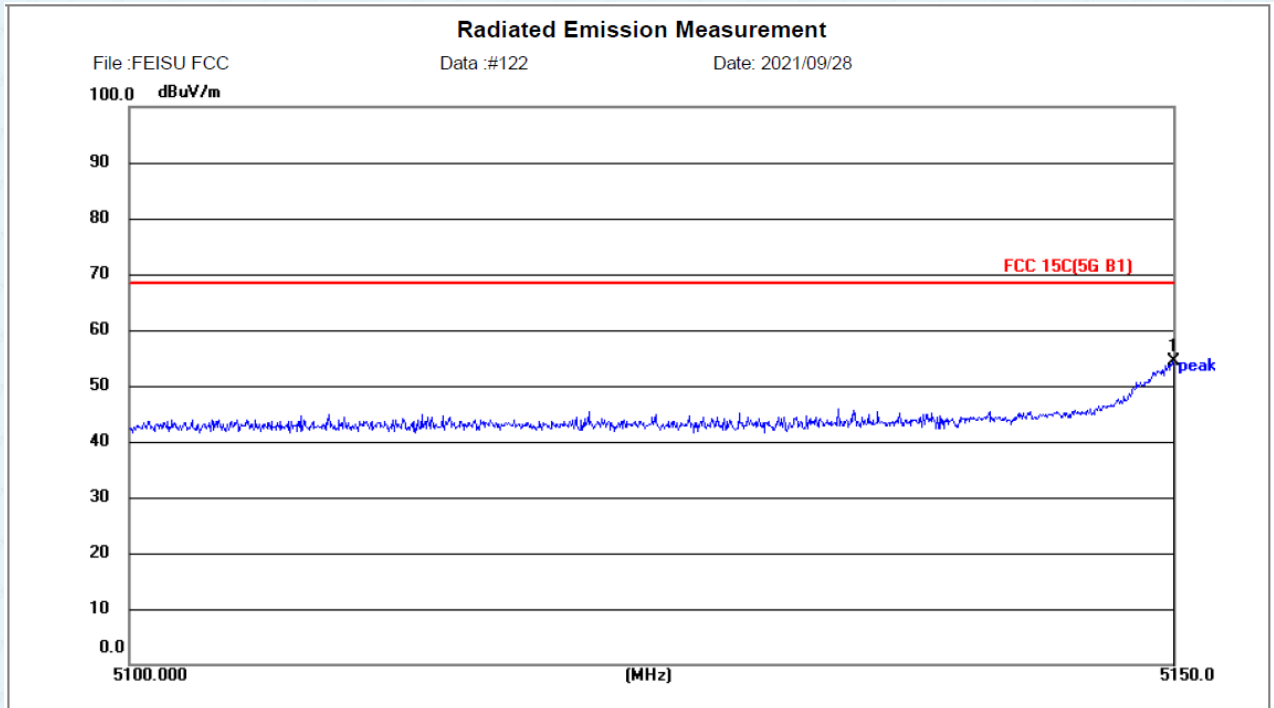
Site 966 Chamber	Polarization: <b>Vertical</b>	Temperature: 26(C)
Limit: FCC 15C(5G B1)	Power: AC120/60Hz	Humidity: 54 %
EUT: Dual Band Gigabit Wi-Fi 6 Router	Distance: 3m	
M/N: WR-AX1800		
Mode: TX 5230MHz		
Note: FS.COM Test:Jason		
Modulation:ac vht40		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5350.117	61.80	-5.35	56.45	68.23	11.78	peak	125	169	P	





**Vertical: 802.11ac VHT80 (TX 5210MHz)**



Site 966 Chamber	Polarization: <b>Vertical</b>	Temperature: 26(C)
Limit: FCC 15C(5G B1)	Power: AC120/60Hz	Humidity: 54 %
EUT: Dual Band Gigabit Wi-Fi 6 Router	Distance: 3m	
M/N: WR-AX1800		
Mode: TX 5210MHz		
Note: FS.COM Test:Jason		
Modulation:ac vht80		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5149.967	60.13	-5.75	54.38	68.23	13.85	peak	151	305	P	