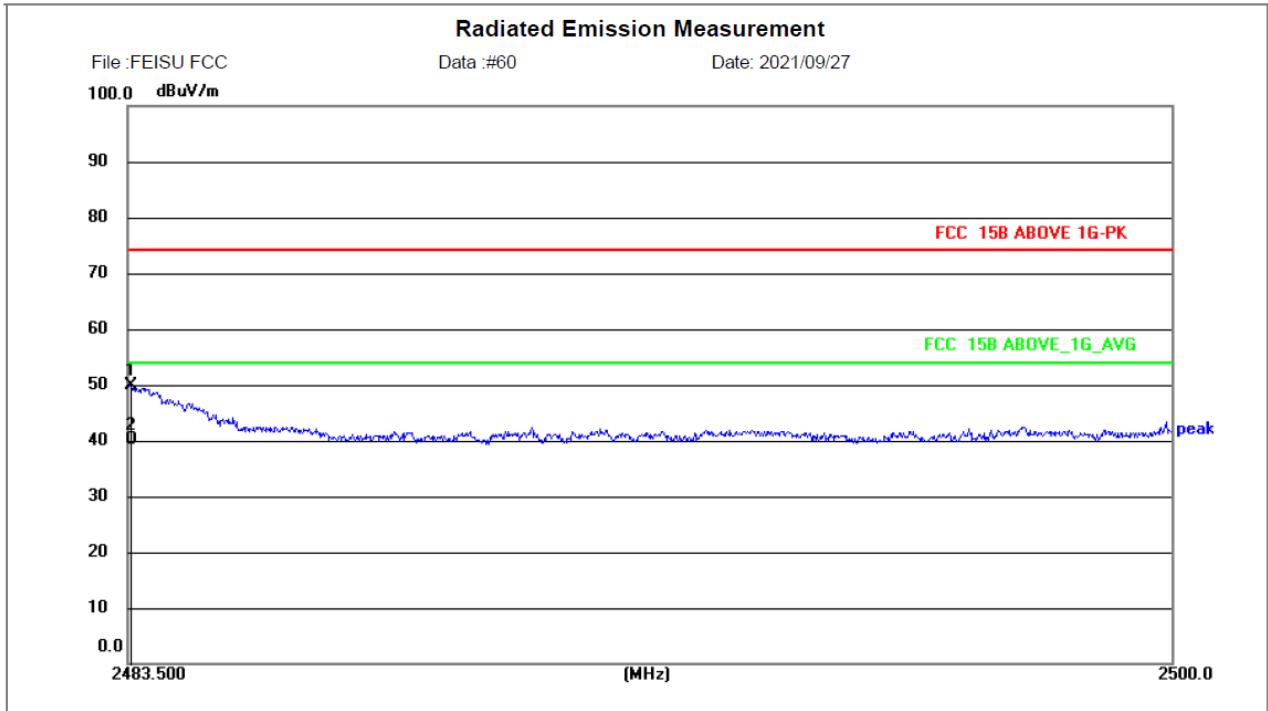




**Horizontal: 802.11n HT40 (TX 2452MHz)**

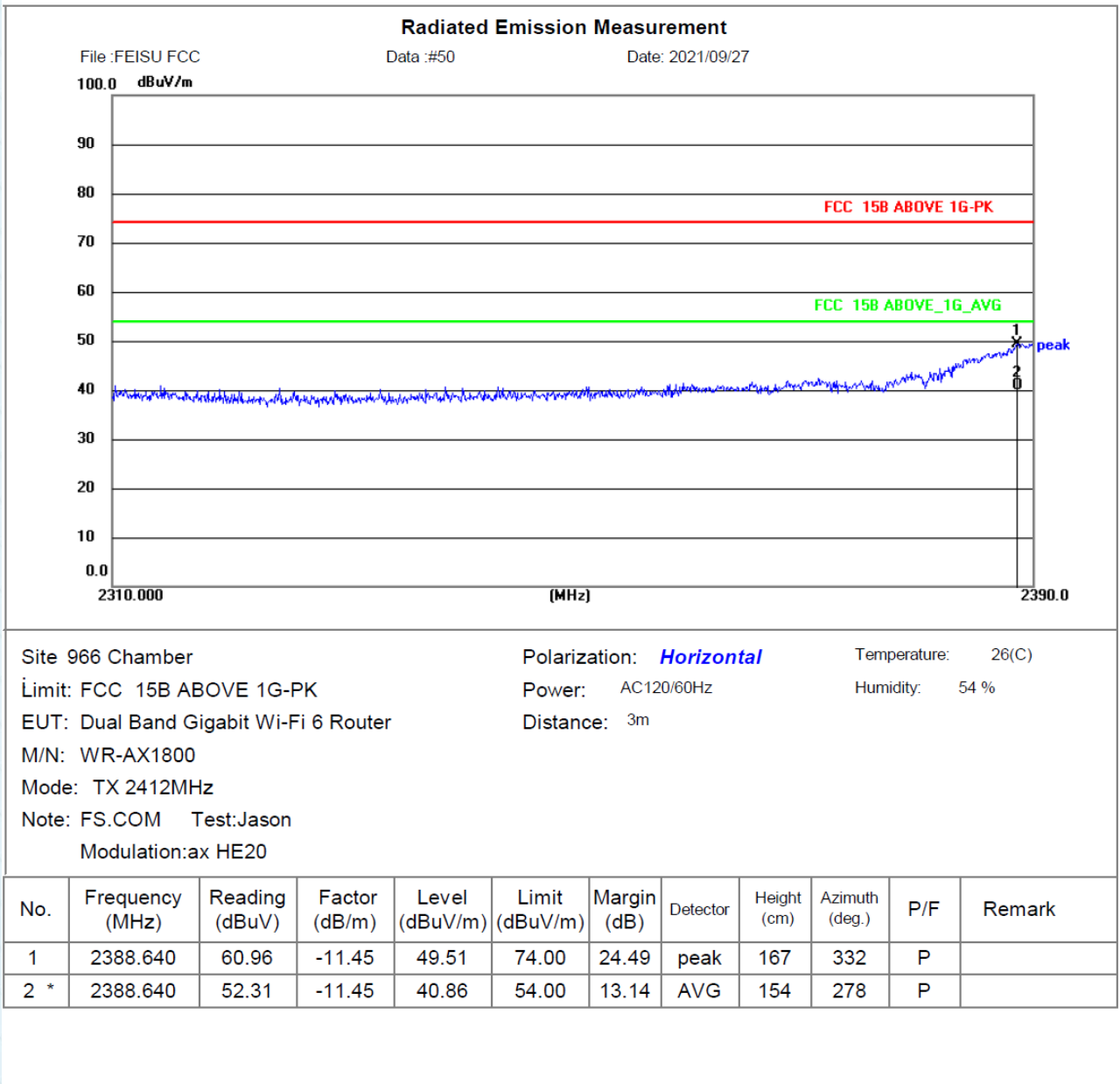


Site 966 Chamber      Polarization: **Horizontal**      Temperature: 26(C)  
 Limit: FCC 15B ABOVE 1G-PK      Power: AC120/60Hz      Humidity: 54 %  
 EUT: Dual Band Gigabit Wi-Fi 6 Router      Distance: 3m  
 M/N: WR-AX1800  
 Mode: TX 2452MHz  
 Note: FS.COM Test:Jason  
 Modulation:n HT40

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	2483.533	61.00	-11.16	49.84	74.00	24.16	peak	169	225	P	
2 *	2483.533	51.36	-11.16	40.20	54.00	13.80	AVG	163	203	P	



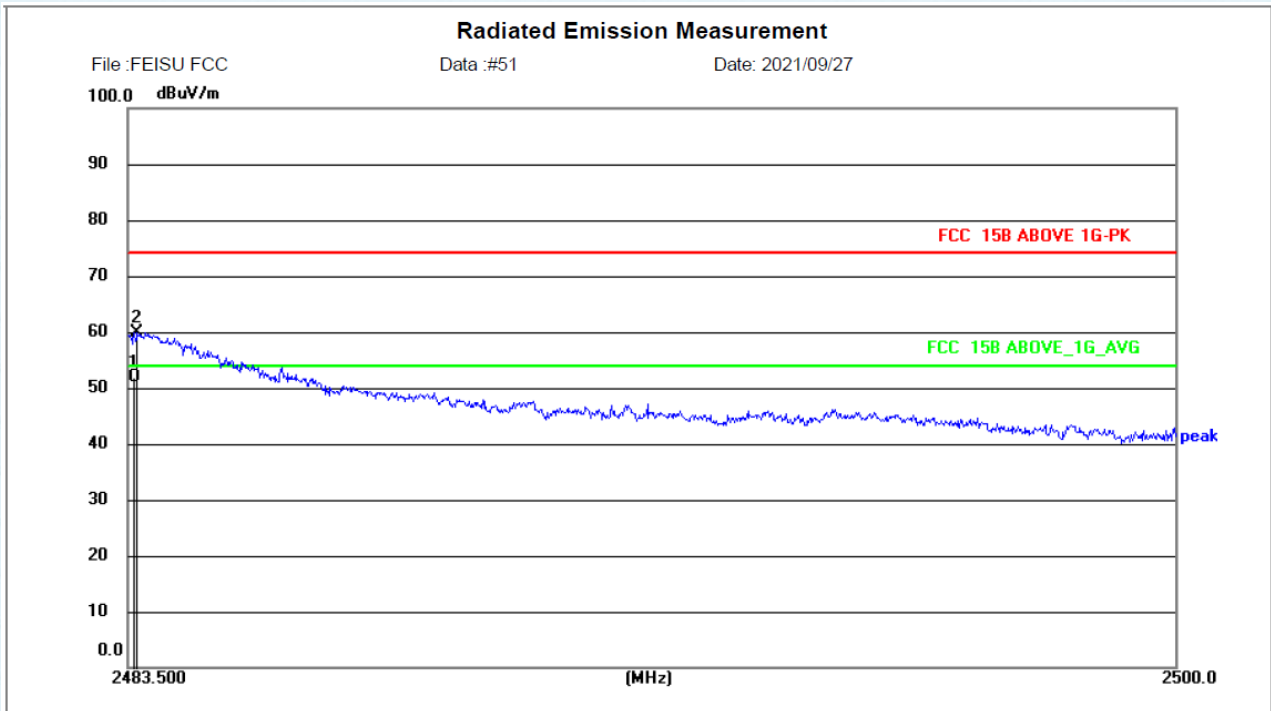
**Horizontal: 802.11aX HE20 (TX 2412MHz)**







**Vertical: 802.11ax HE20 (TX 2462MHz)**

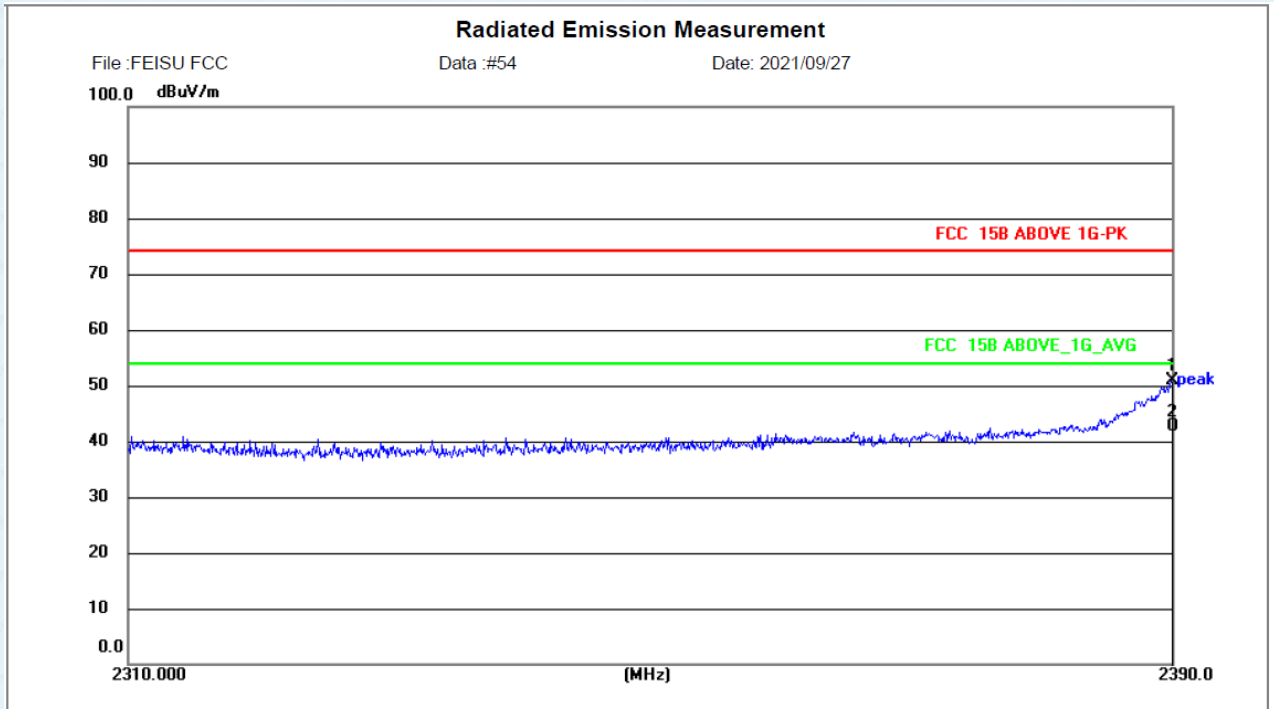


Site 966 Chamber      Polarization: **Vertical**      Temperature: 26(C)  
 Limit: FCC 15B ABOVE 1G-PK      Power: AC120/60Hz      Humidity: 54 %  
 EUT: Dual Band Gigabit Wi-Fi 6 Router      Distance: 3m  
 M/N: WR-AX1800  
 Mode: TX 2462MHz  
 Note: FS.COM Test: Jason  
 Modulation: ax HE20

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 *	2483.610	63.10	-11.16	51.94	54.00	2.06	AVG	165	214	P	
2	2483.648	70.98	-11.16	59.82	74.00	14.18	peak	171	223	P	



**Horizontal: 802.11aX HE40 (TX 2422MHz)**



Site 966 Chamber  
 Limit: FCC 15B ABOVE 1G-PK  
 EUT: Dual Band Gigabit Wi-Fi 6 Router  
 M/N: WR-AX1800  
 Mode: TX 2422MHz  
 Note: FS.COM Test:Jason  
 Modulation:ax HE40

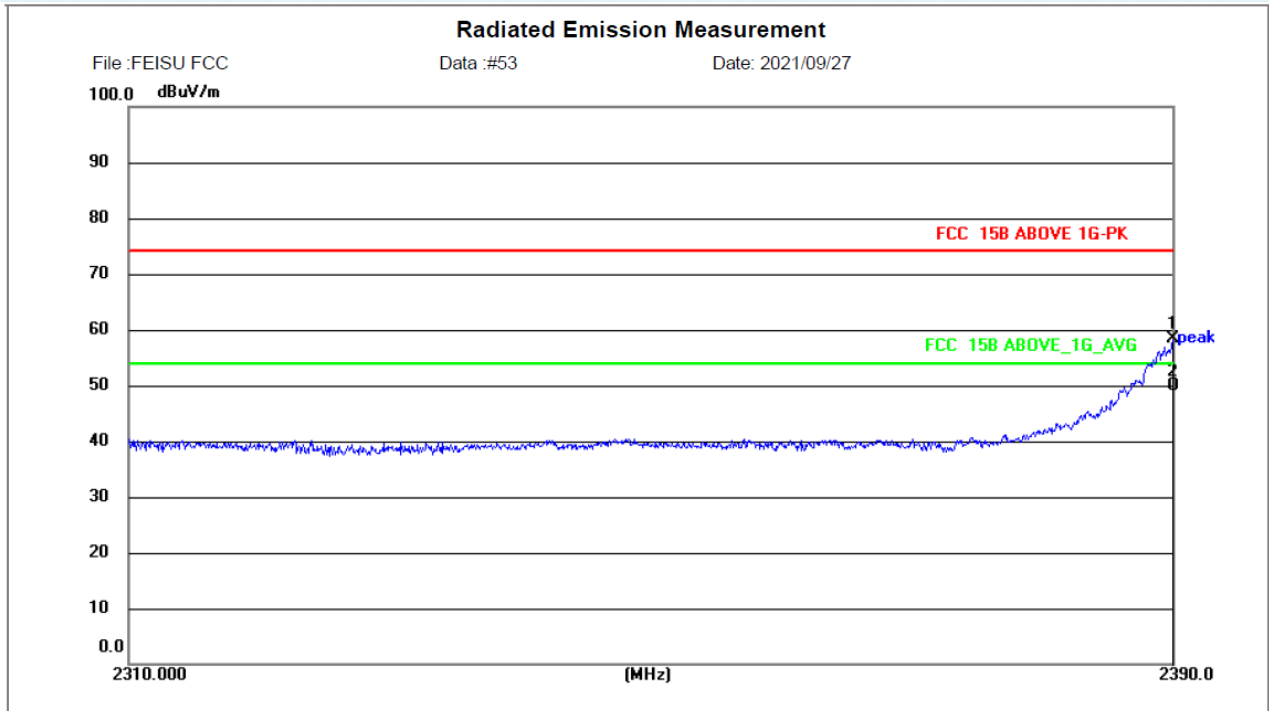
Polarization: **Horizontal**  
 Power: AC120/60Hz  
 Distance: 3m

Temperature: 26(C)  
 Humidity: 54 %

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	2390.000	62.41	-11.45	50.96	74.00	23.04	peak	149	256	P	
2 *	2390.000	53.98	-11.45	42.53	54.00	11.47	AVG	142	275	P	



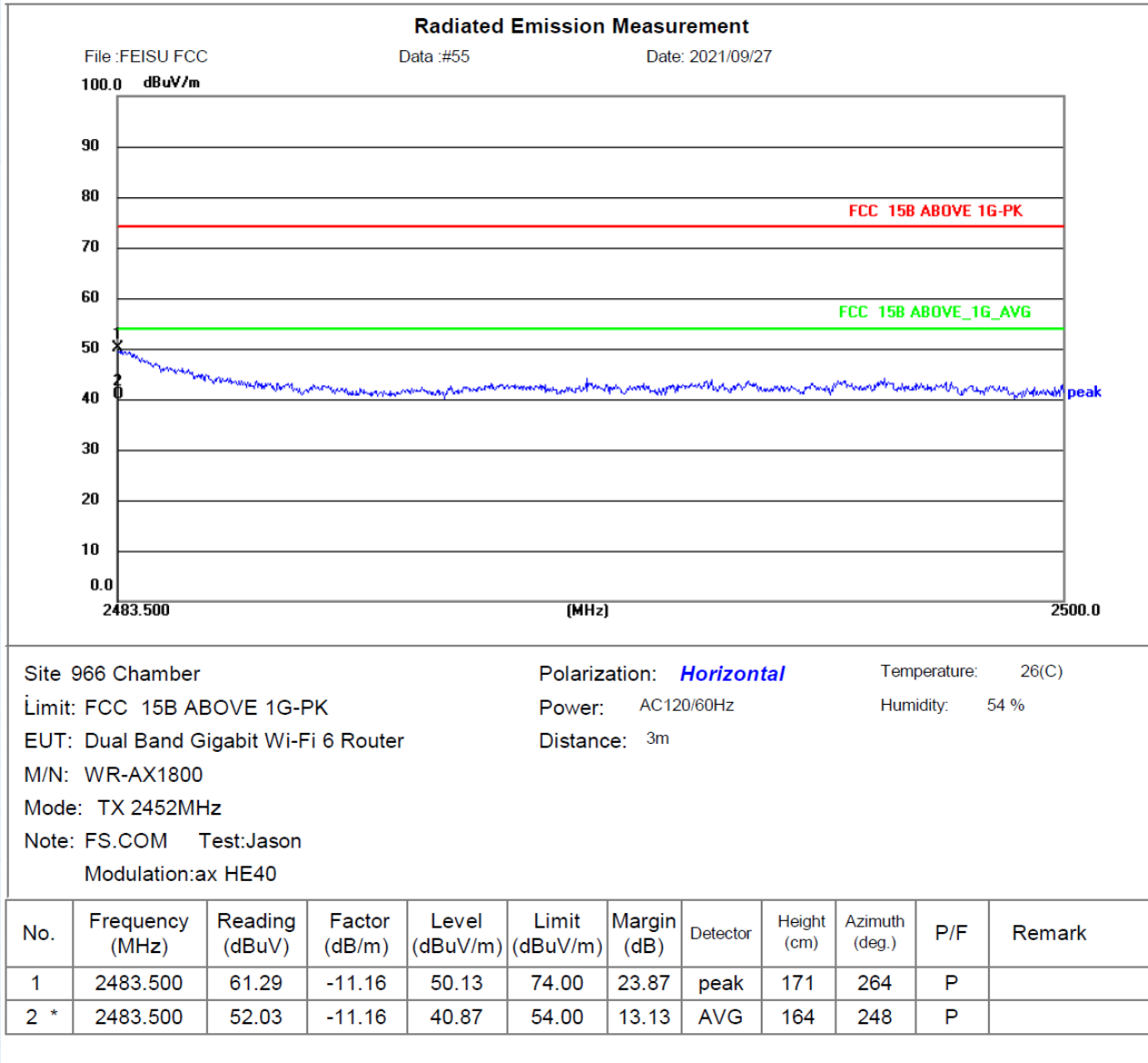
**Vertical: 802.11ax HE40 (TX 2422MHz)**



Site 966 Chamber	Polarization: <b>Vertical</b>	Temperature: 26(C)
Limit: FCC 15B ABOVE 1G-PK	Power: AC120/60Hz	Humidity: 54 %
EUT: Dual Band Gigabit Wi-Fi 6 Router	Distance: 3m	
M/N: WR-AX1800		
Mode: TX 2422MHz		
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	2390.000	69.90	-11.45	58.45	74.00	15.55	peak	151	225	P	
2 *	2390.000	61.33	-11.45	49.88	54.00	4.12	AVG	148	217	P	

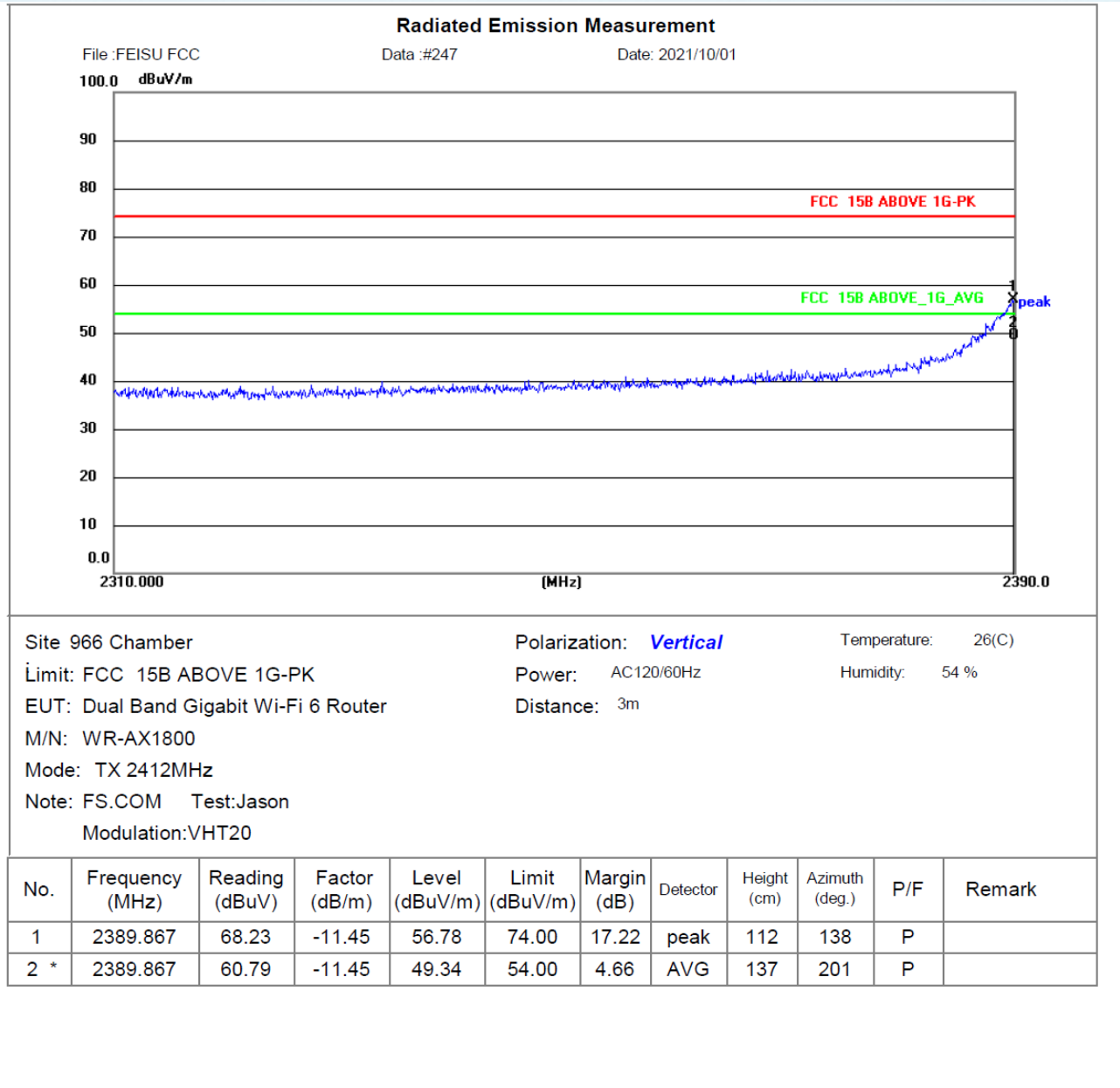
**Horizontal: 802.11aX HE40 (TX 2452MHz)**







**Vertical: IEEE VHT20 (TX 2412MHz)**

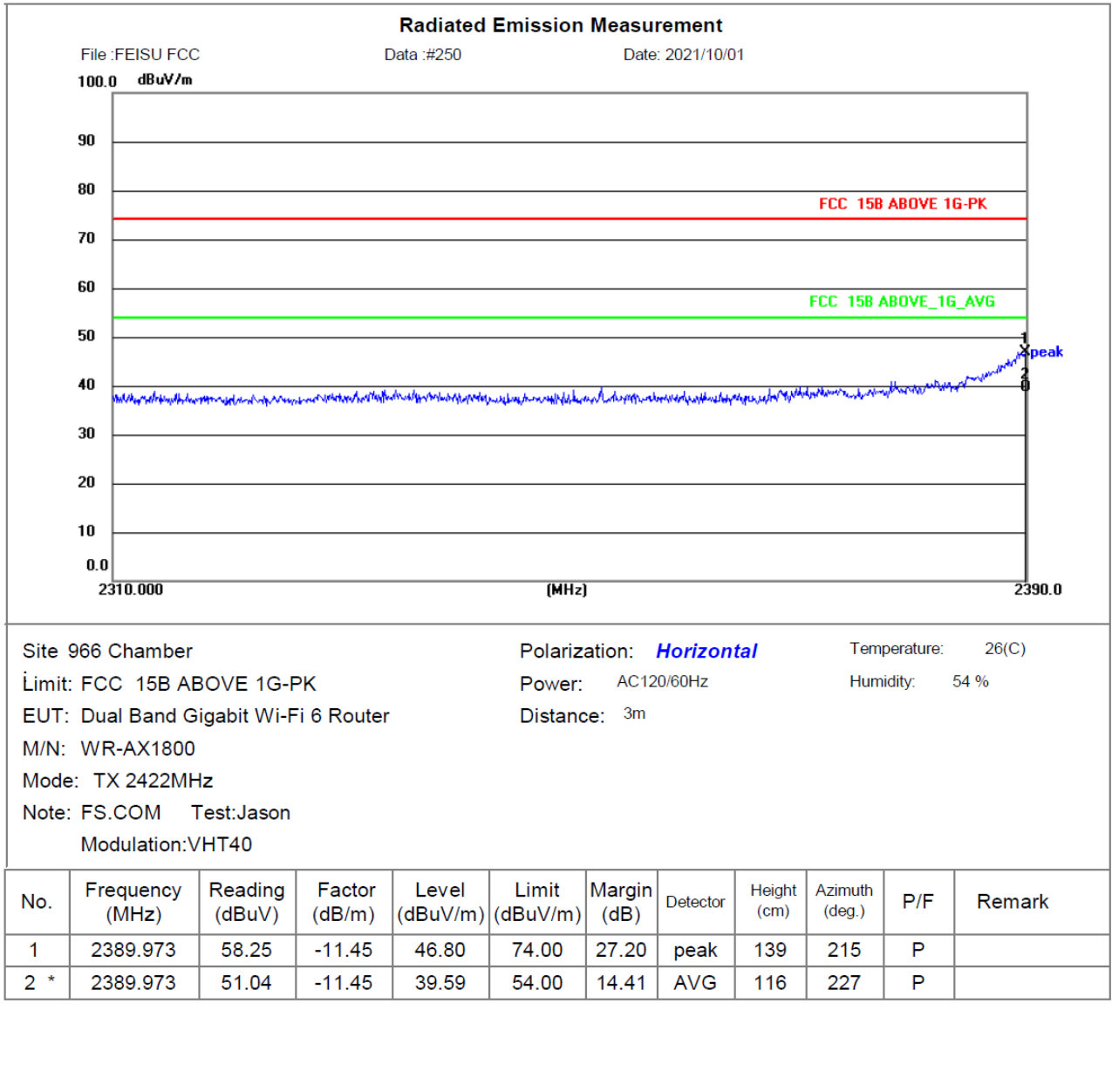




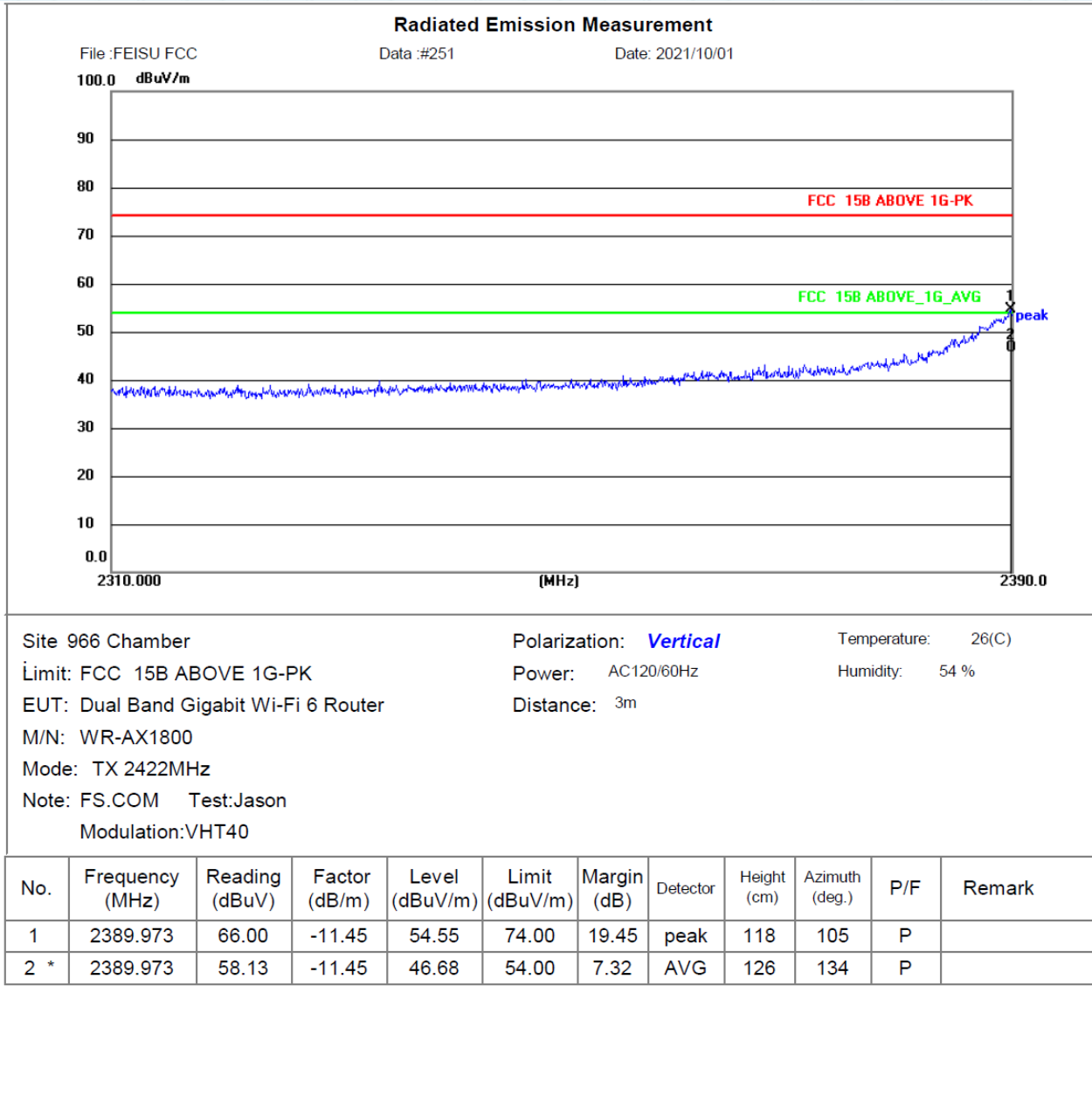




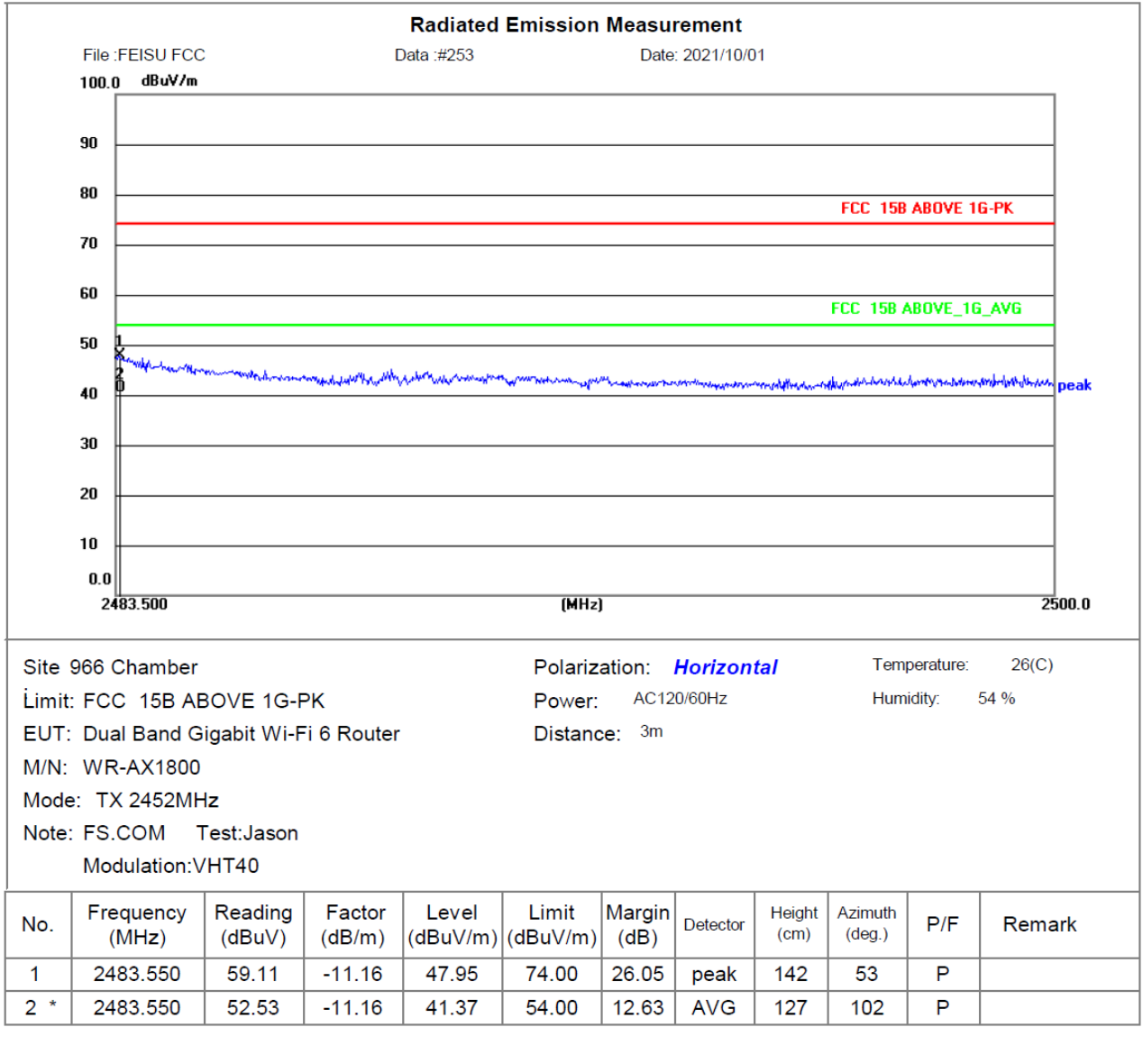
**Horizontal: IEEE VHT40 (TX 2422MHz)**



**Vertical: IEEE VHT40 (TX 2422MHz)**



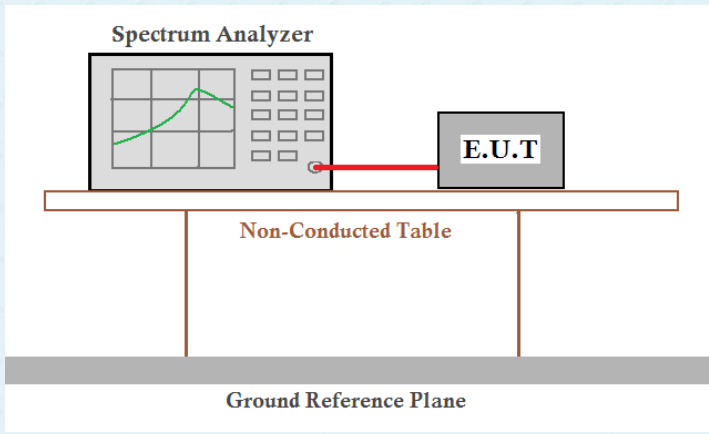
**Horizontal: IEEE VHT40 (TX 2452MHz)**





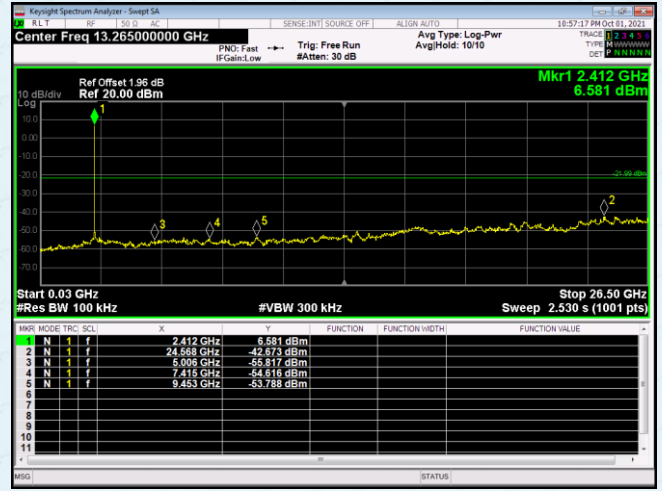
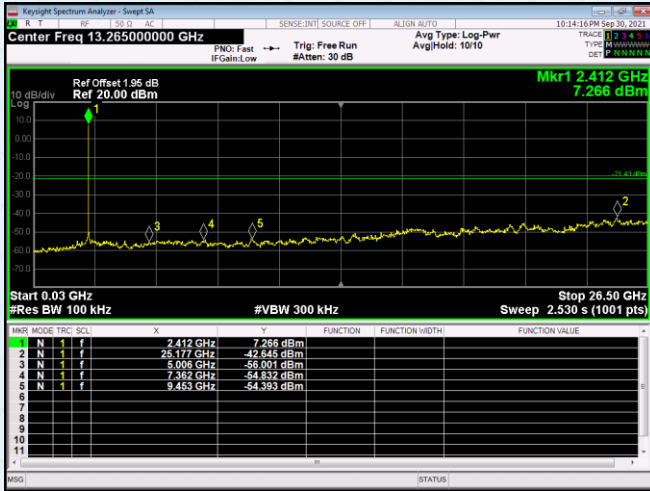
## 7.7 Spurious Emission

### 7.7.1 Conducted Emission Method

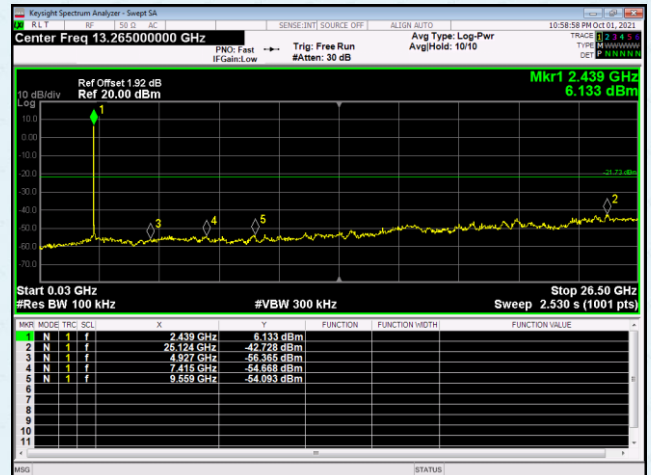
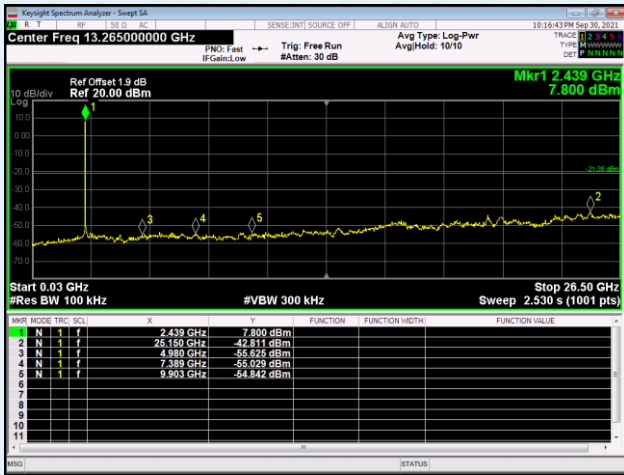
Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	KDB558074 D01 15.247 Meas Guidance v05r02
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test setup:	 <p>The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) via a red cable. Both are placed on a Non-Conducted Table, which sits on a Ground Reference Plane.</p>
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Test plot as follows:

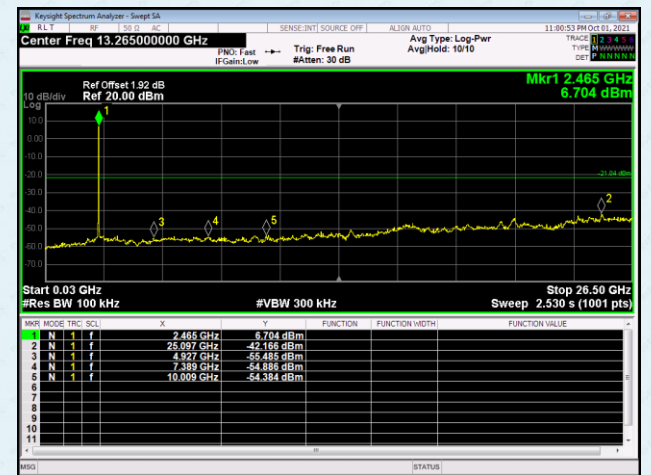
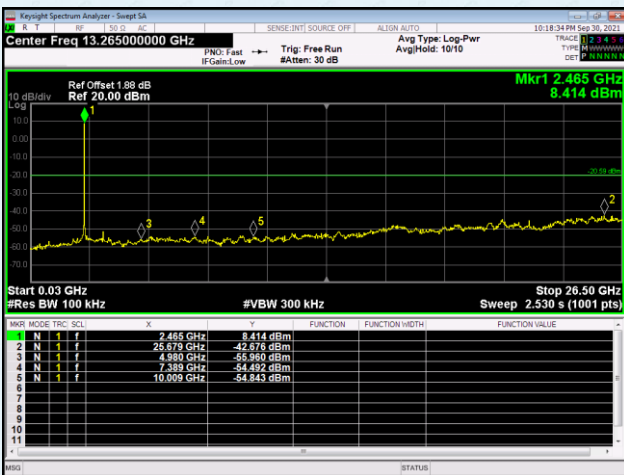
Test mode:	802.11b(Ant A)	Test mode:	802.11b(Ant B)
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Lowest channel



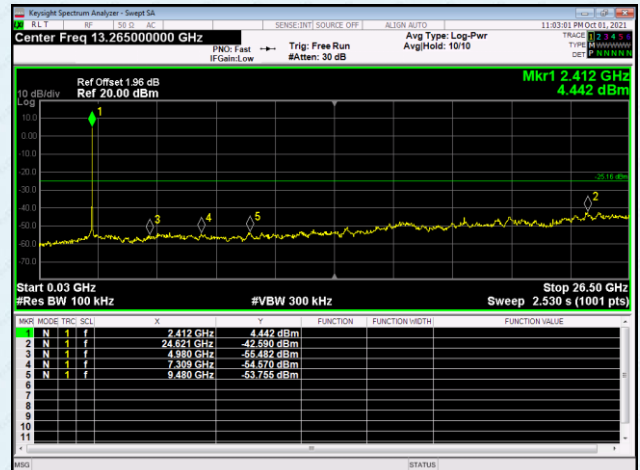
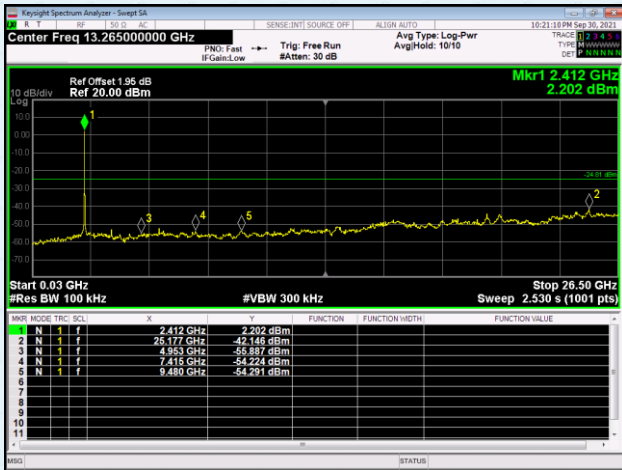
Middle channel



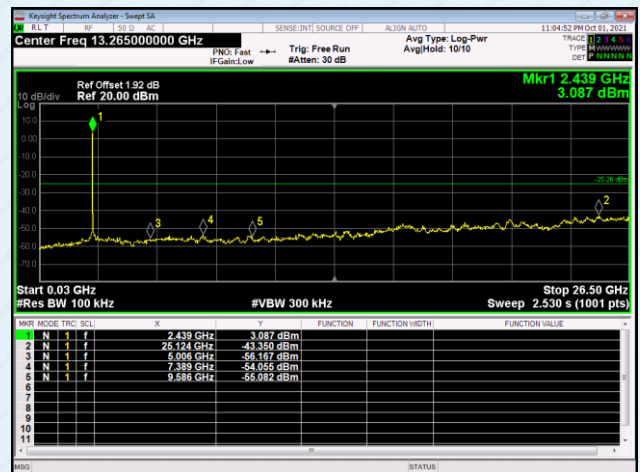
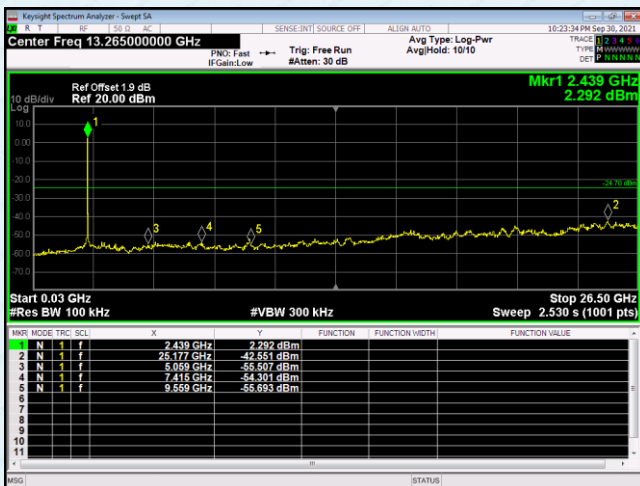
Highest channel



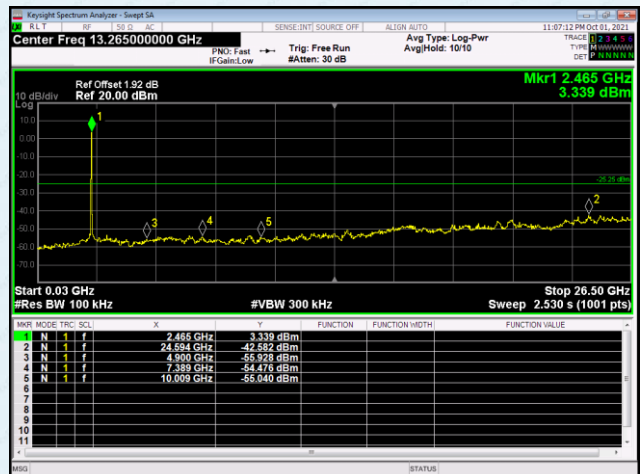
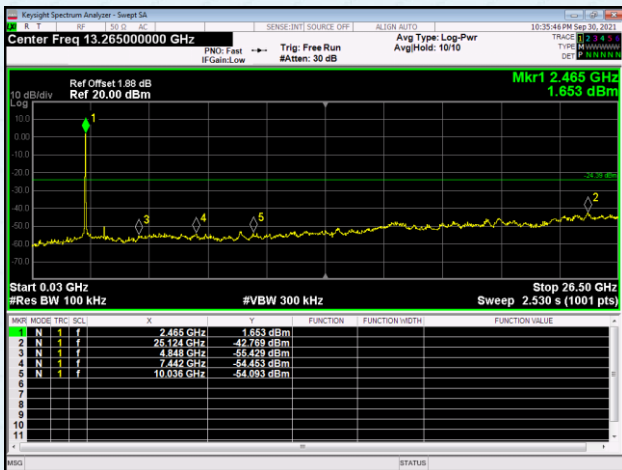
Test mode: 802.11g(Ant A)      Test mode: 802.11g(Ant B)



Lowest channel



Middle channel



Highest channel