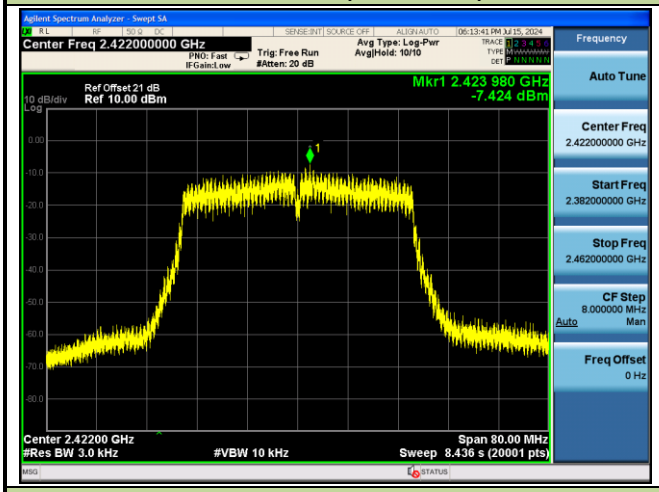
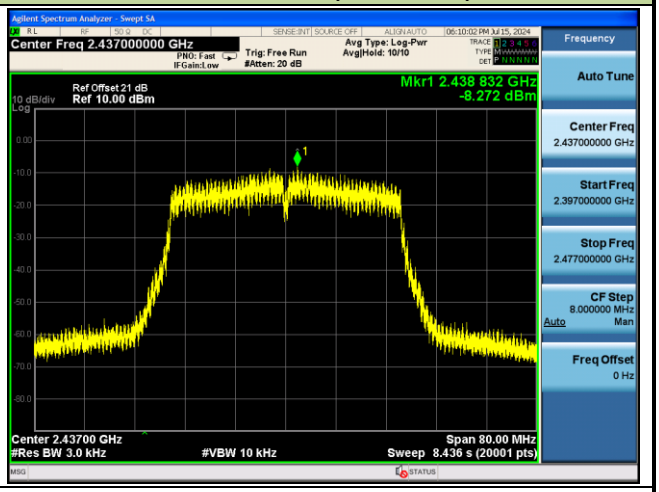
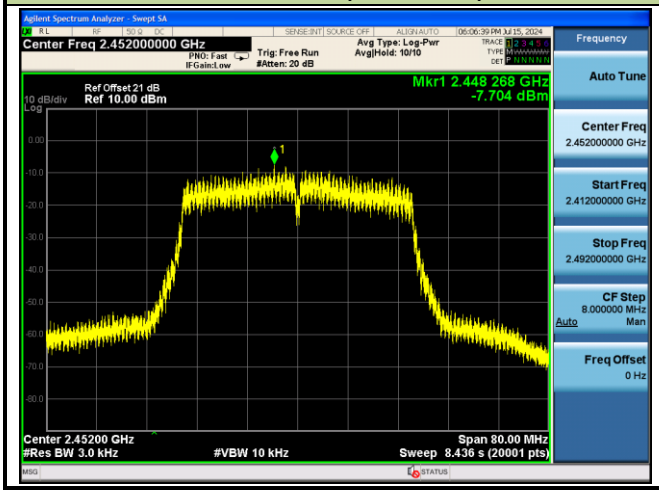
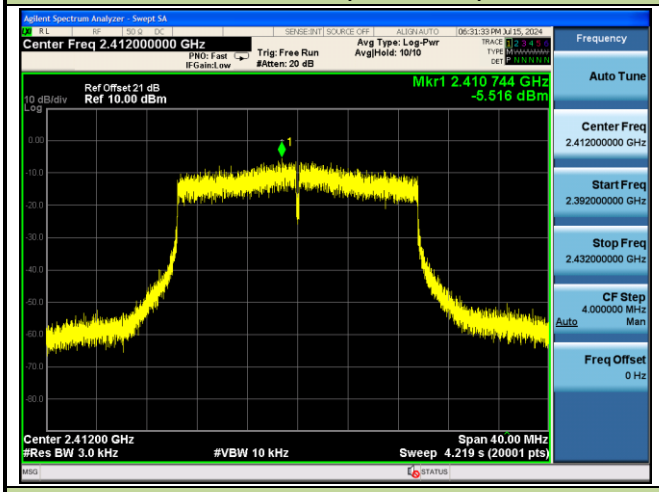
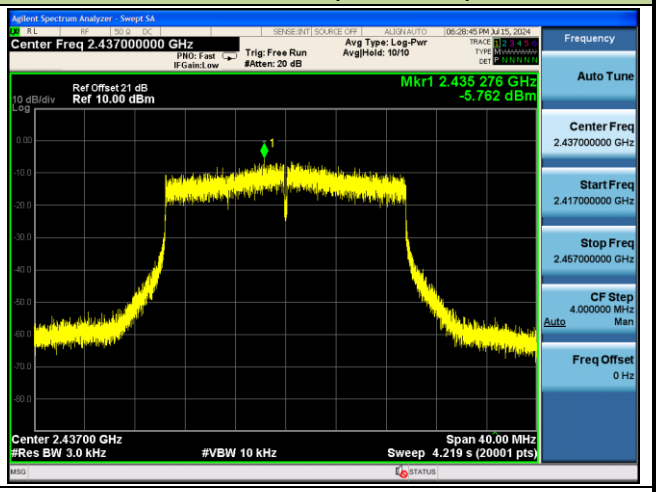
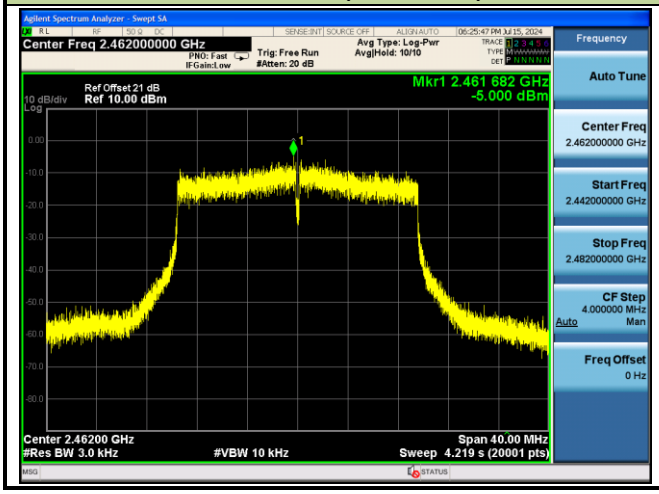
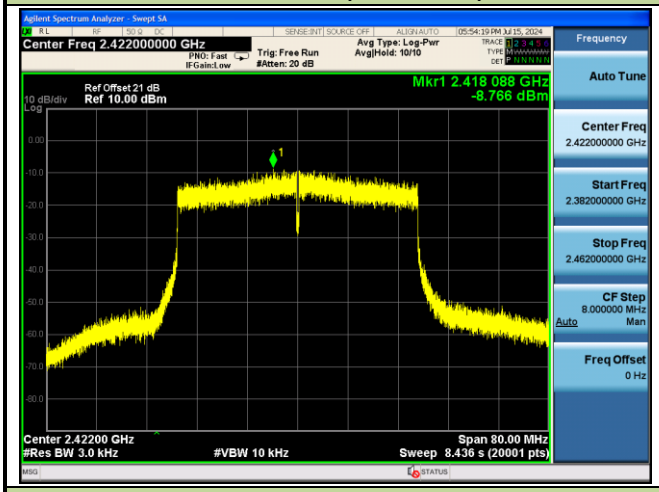
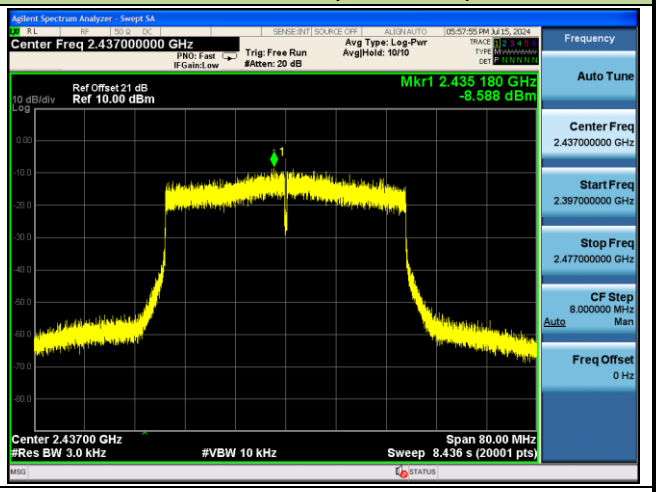
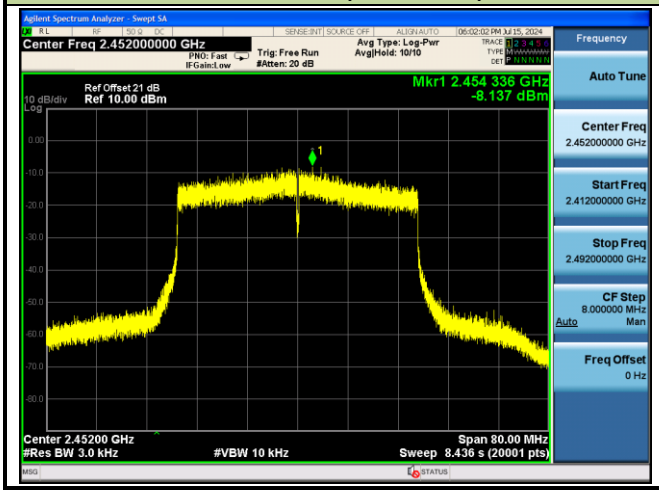
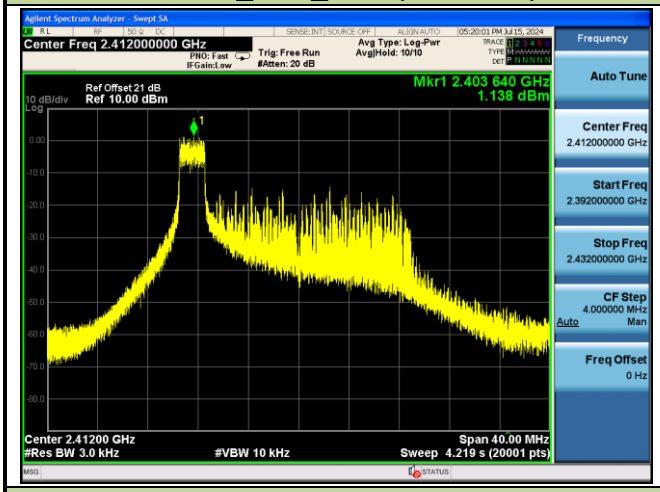
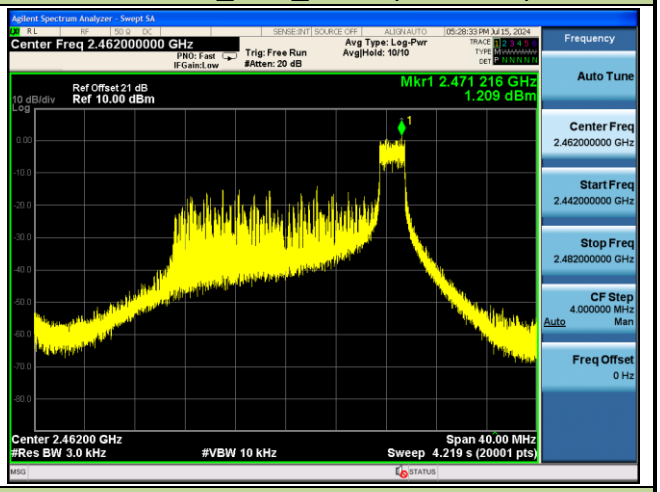
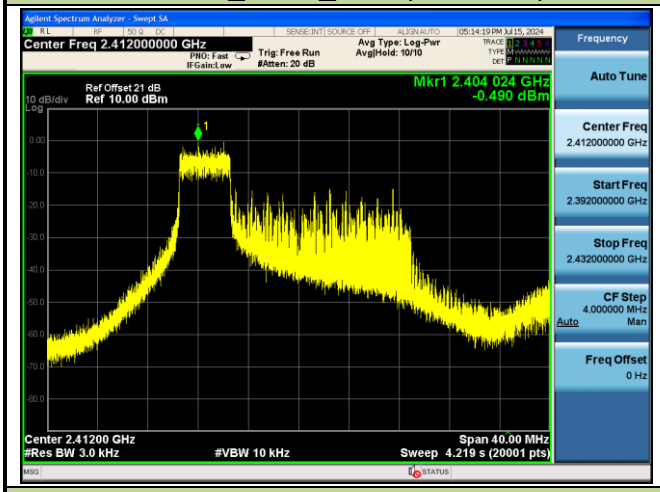
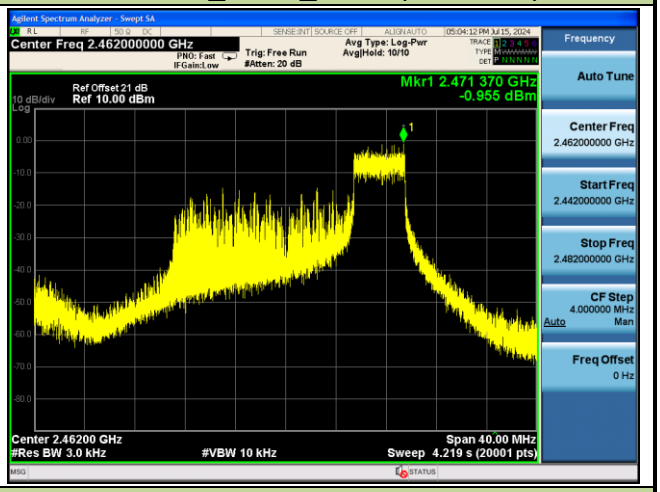
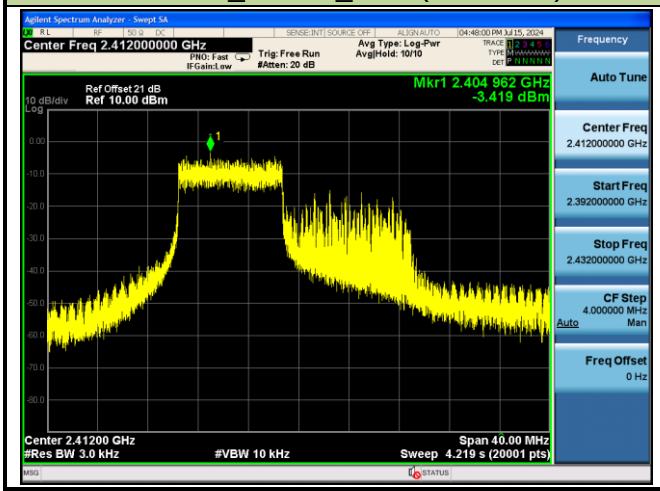
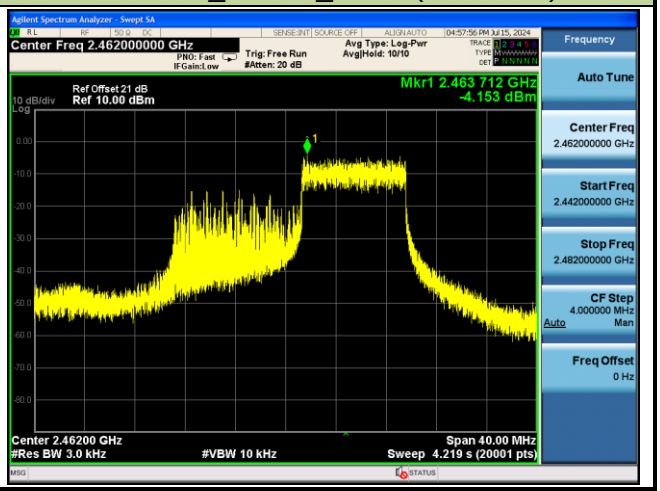
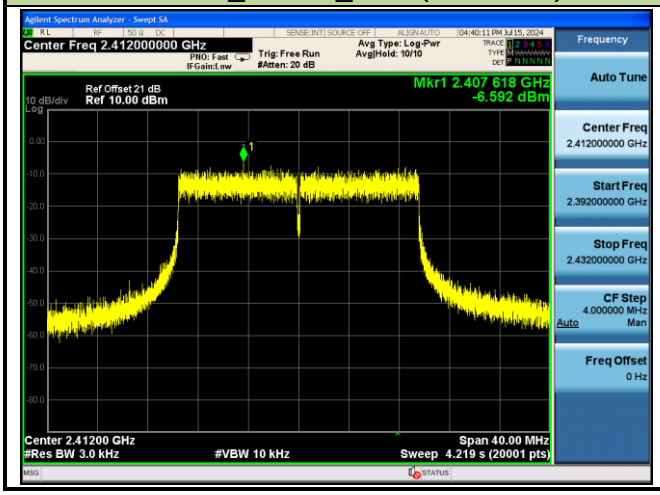
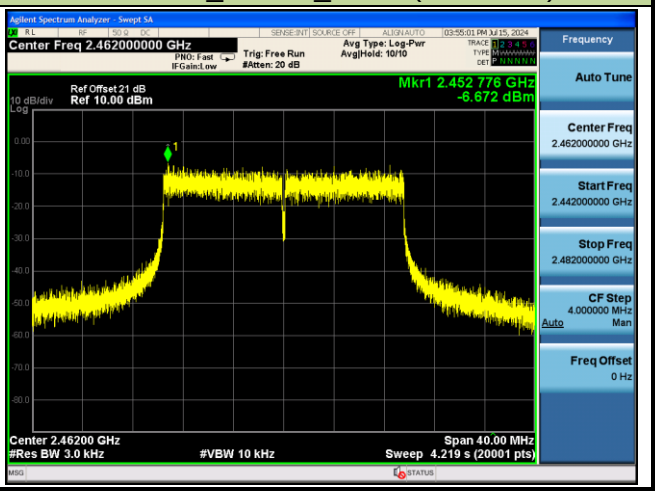
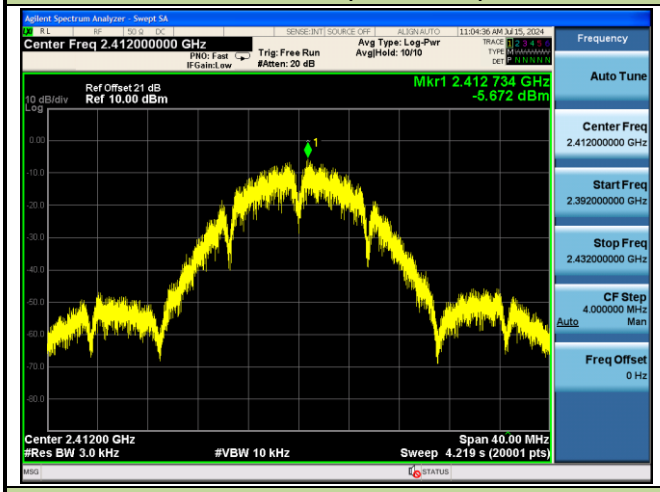
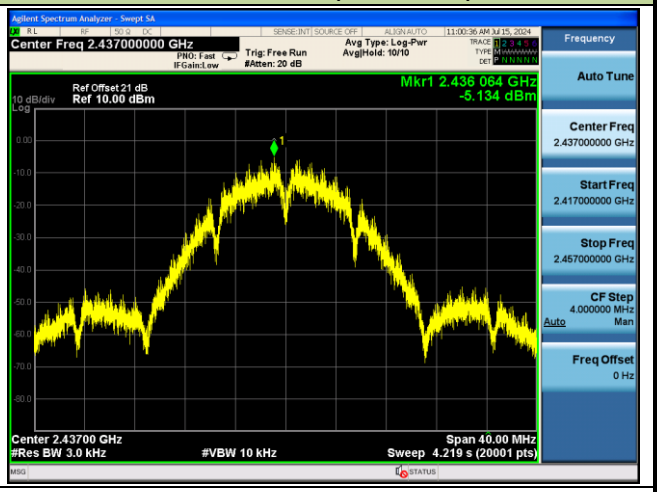
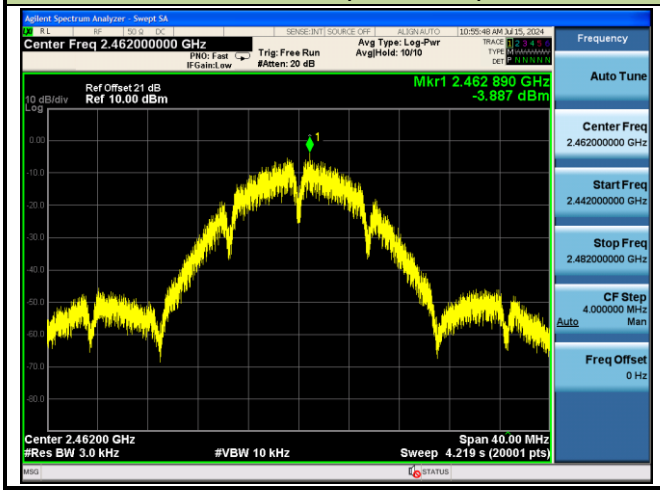
802.11n-HT40 PSD - Ant 0 - CDD Mode	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
Channel 09 (2452MHz)	
	

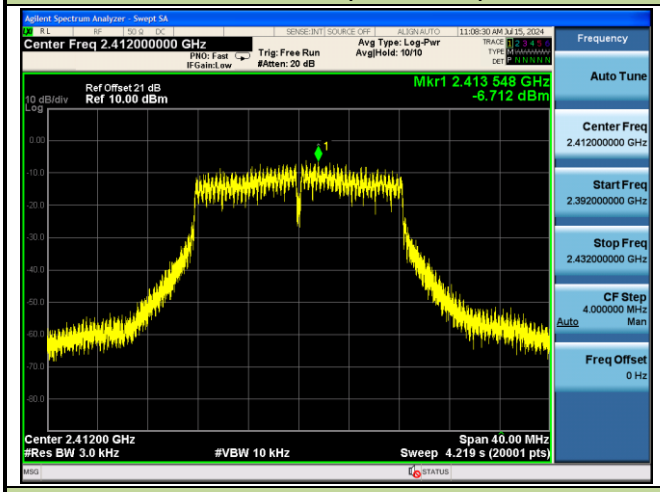
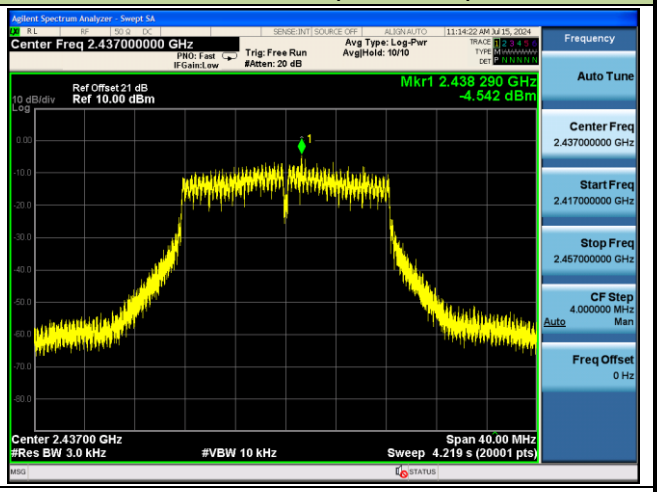
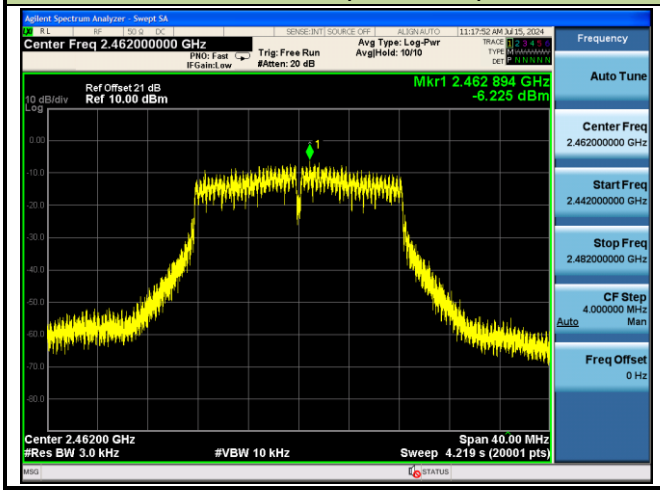
802.11ax-HE20 PSD - Ant 0 - CDD Mode	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

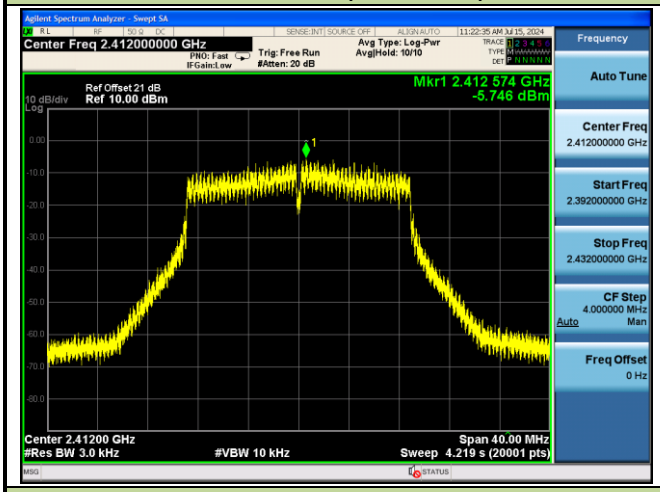
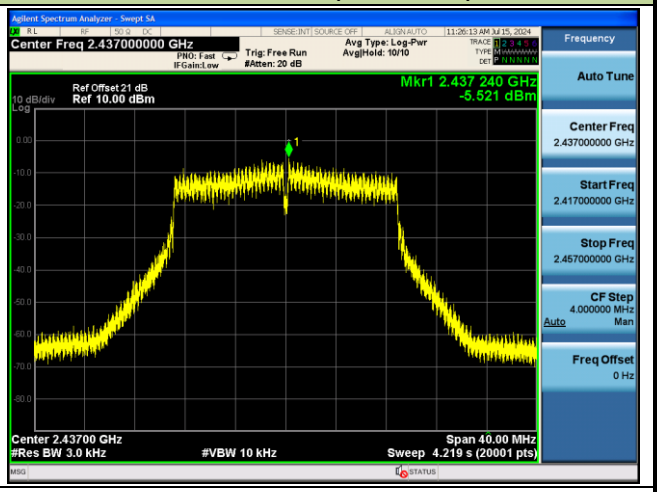
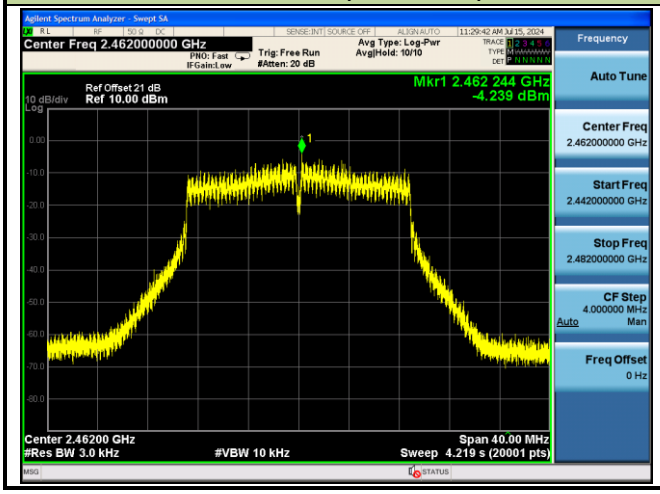
802.11ax-HE40 PSD - Ant 0 - CDD Mode	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
Channel 09 (2452MHz)	
	

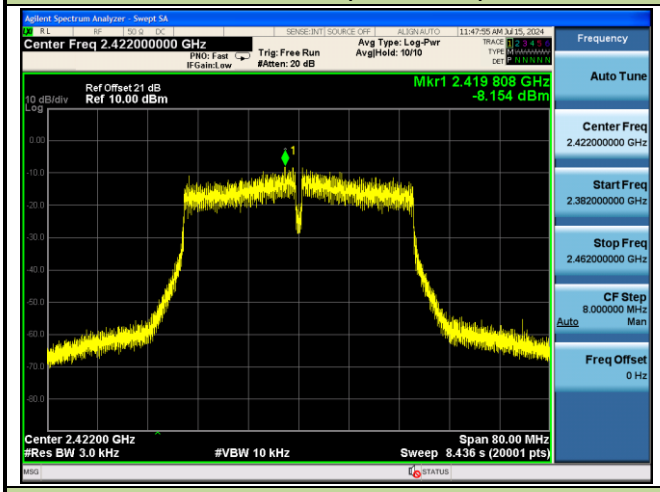
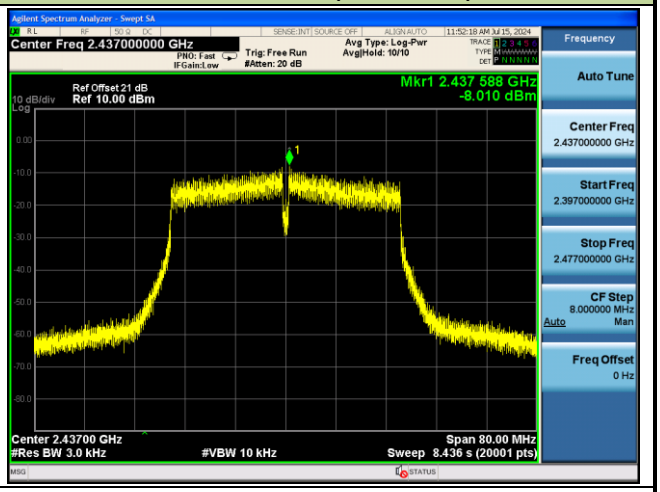
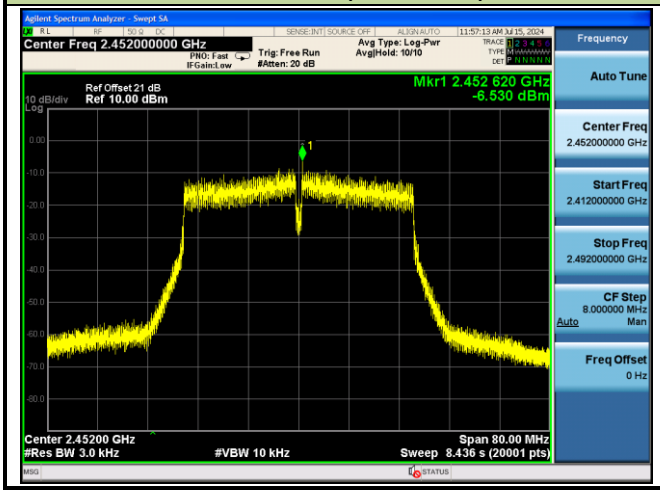
802.11ax-HE20 PSD - Ant 0	
26 Tone_RU0_CH1 (2412MHz)	26 Tone_RU8_CH11 (2462MHz)
	
52 Tone_RU74_CH1 (2412MHz)	52 Tone_RU77_CH11 (2462MHz)
	
106 Tone_RU106_CH1 (2412MHz)	106 Tone_RU107_CH11 (2462MHz)
	

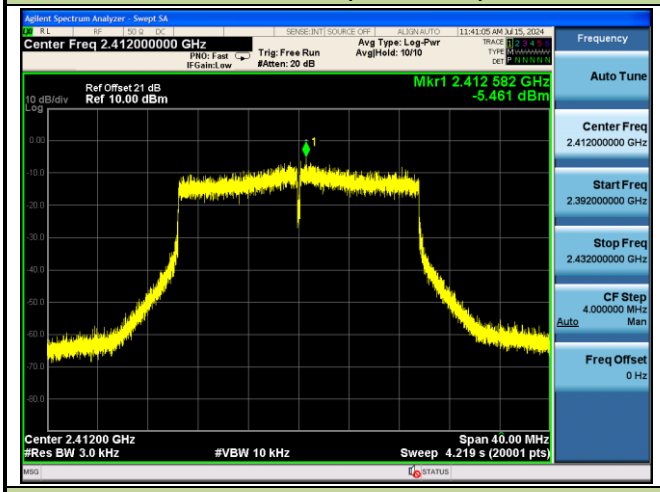
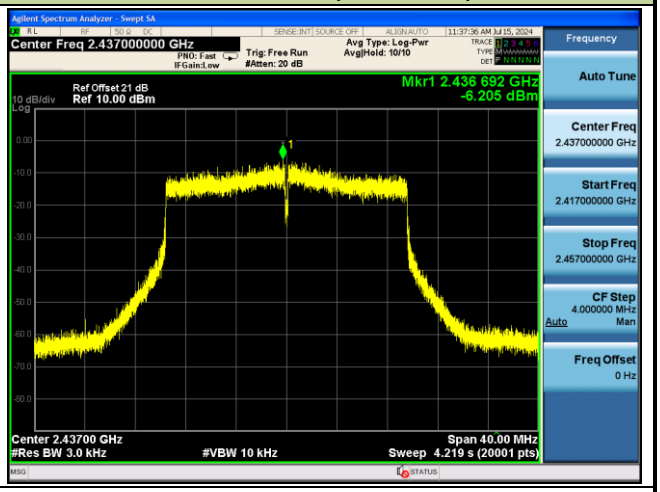
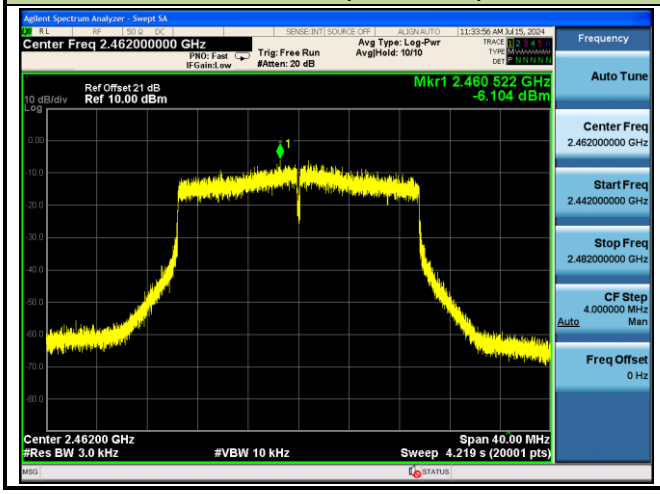
242 Tone_RU122_CH1 (2412MHz)	242 Tone_RU122_CH11 (2462MHz)
	

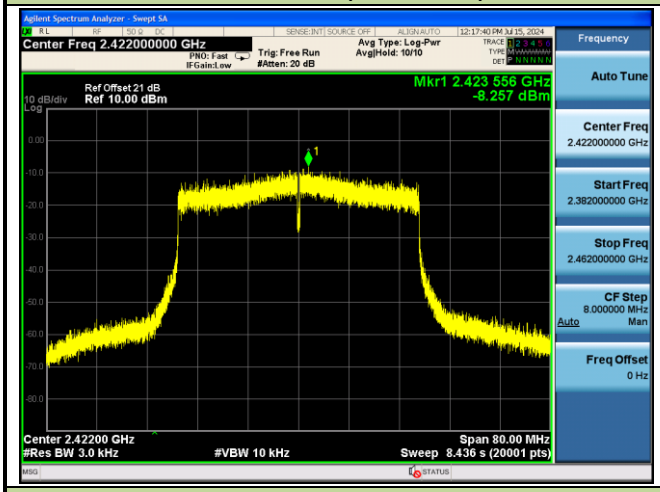
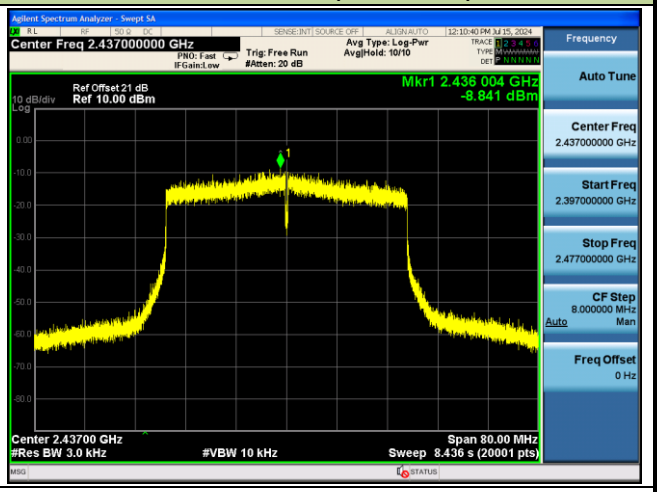
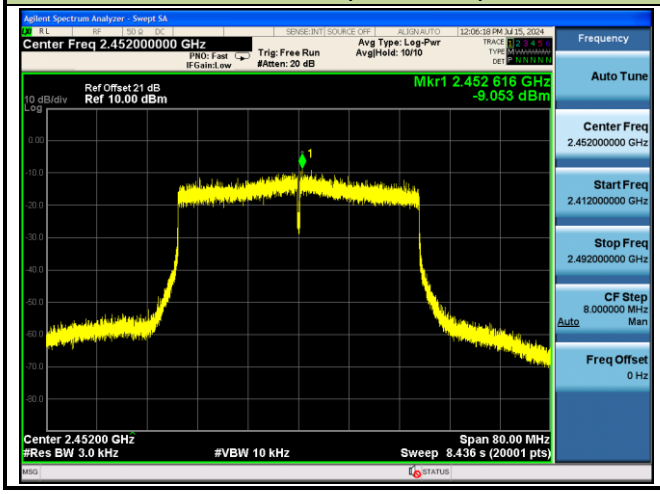
802.11b PSD - Ant 1 - CDD Mode	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

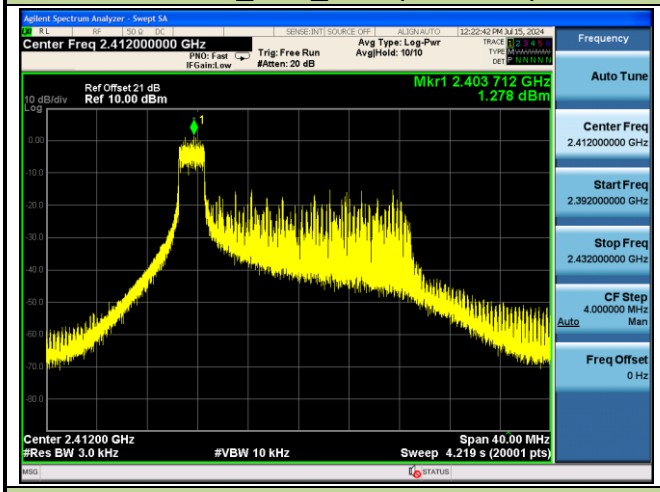
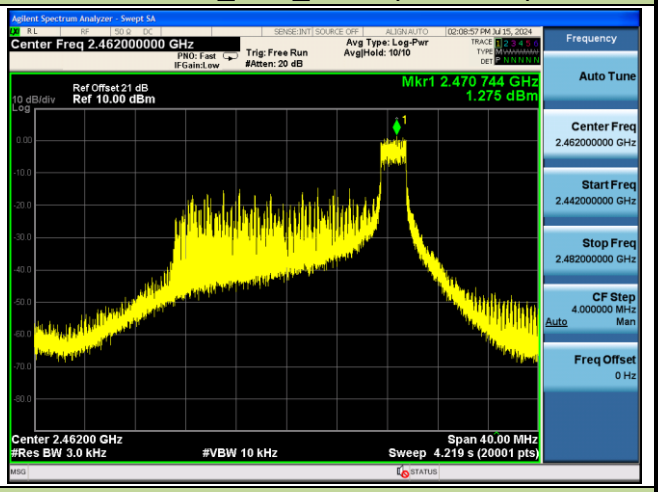
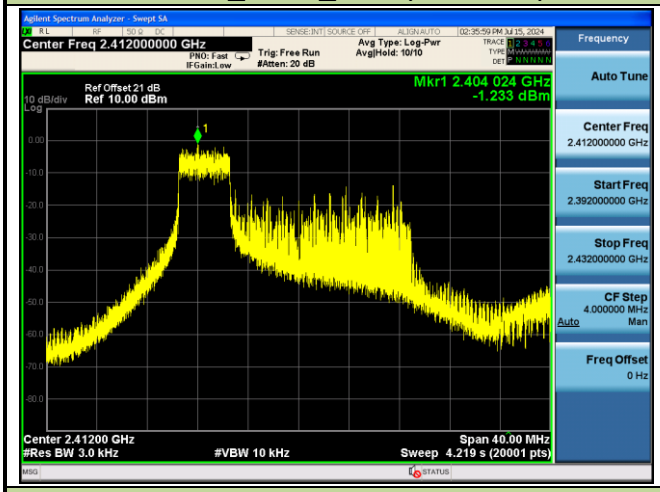
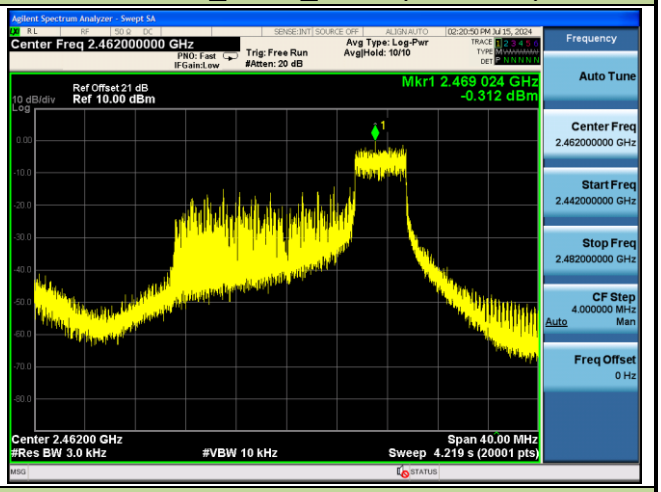
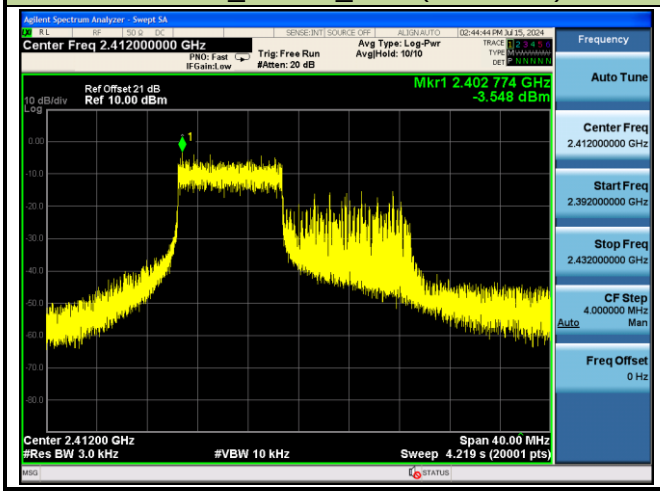
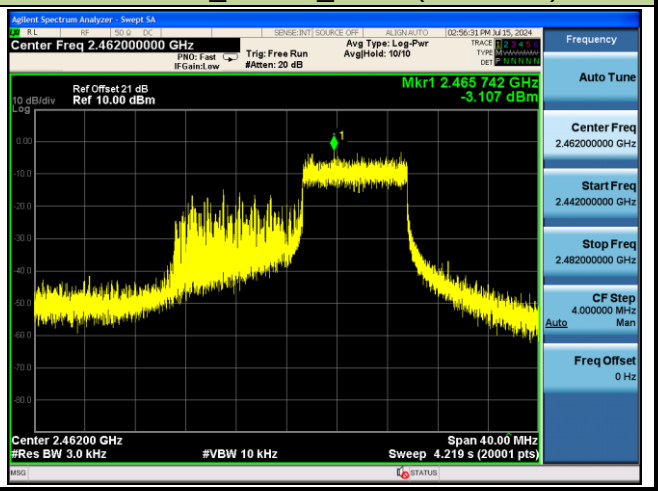
802.11g PSD - Ant 1 - CDD Mode	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

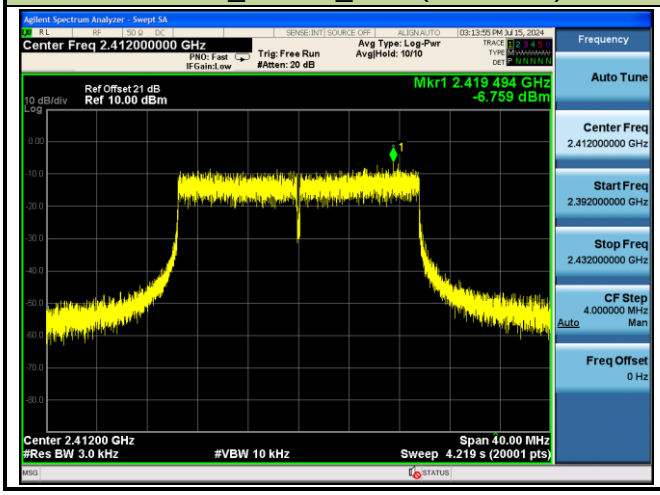
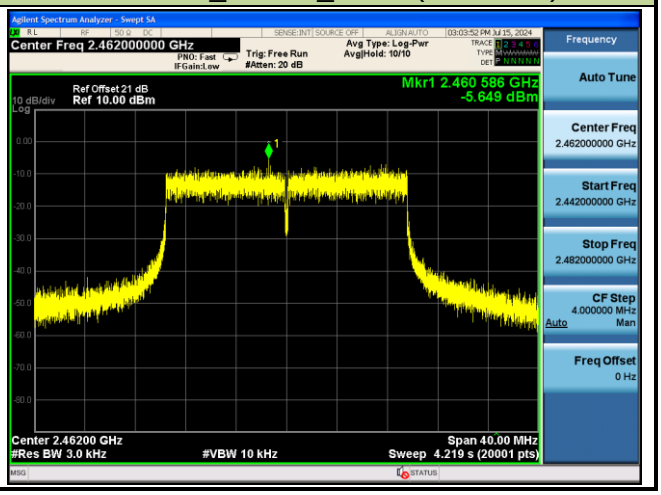
802.11n-HT20 PSD - Ant 1 - CDD Mode	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

802.11n-HT40 PSD - Ant 1 - CDD Mode	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
Channel 09 (2452MHz)	
	

802.11ax-HE20 PSD - Ant 1 - CDD Mode	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

802.11ax-HE40 PSD - Ant 1 - CDD Mode	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
Channel 09 (2452MHz)	
	

802.11ax-HE20 PSD - Ant 1	
26 Tone_RU0_CH1 (2412MHz)	26 Tone_RU8_CH11 (2462MHz)
	
52 Tone_RU74_CH1 (2412MHz)	52 Tone_RU77_CH11 (2462MHz)
	
106 Tone_RU106_CH1 (2412MHz)	106 Tone_RU107_CH11 (2462MHz)
	

242 Tone_RU122_CH1 (2412MHz)	242 Tone_RU122_CH11 (2462MHz)
	

7.5. Conducted Band Edge and Out-of-Band Emissions

7.5.1.Test Limit

The limit for out-of-band spurious emissions at the band edge is 30dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100 kHz bandwidth per the PSD procedure.

7.5.2.Test Procedure Used

ANSI C63.10 - 2013 Section 11.11

7.5.3.Test Setting

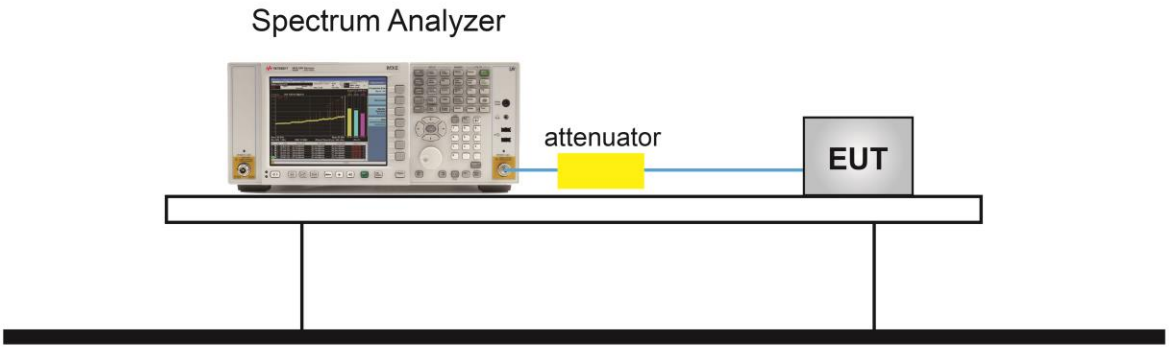
Reference level measurement

1. Set instrument center frequency to DTS channel center frequency
2. Set the span to ≥ 1.5 times the DTS bandwidth
3. Set the RBW = 100 kHz
4. Set the VBW ≥ 3 x RBW
5. Detector = peak
6. Sweep time = auto couple
7. Trace mode = max hold
8. Allow trace to fully stabilize

Emission level measurement

1. Set the center frequency and span to encompass frequency range to be measured
2. RBW = 100kHz
3. VBW = 300kHz
4. Detector = Peak
5. Trace mode = max hold
6. Sweep time = auto couple
7. The trace was allowed to stabilize

7.5.4.Test Setup

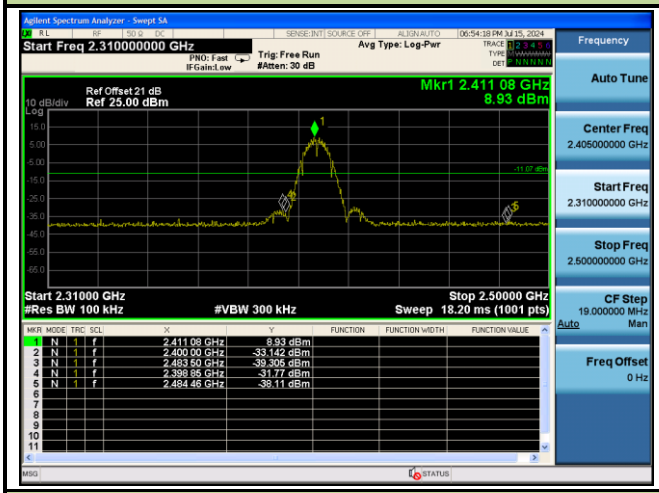
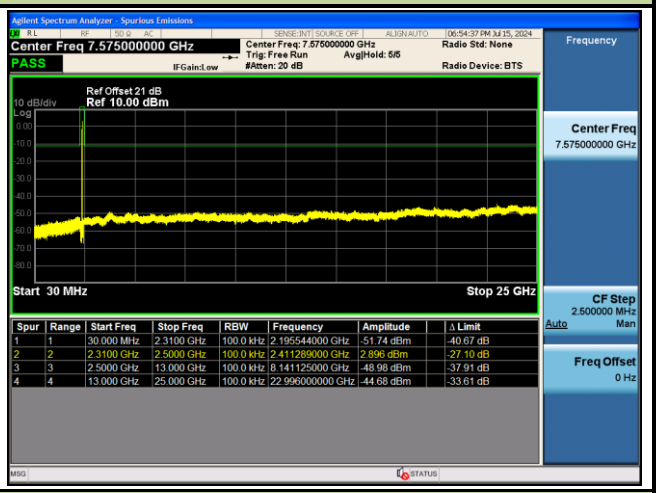
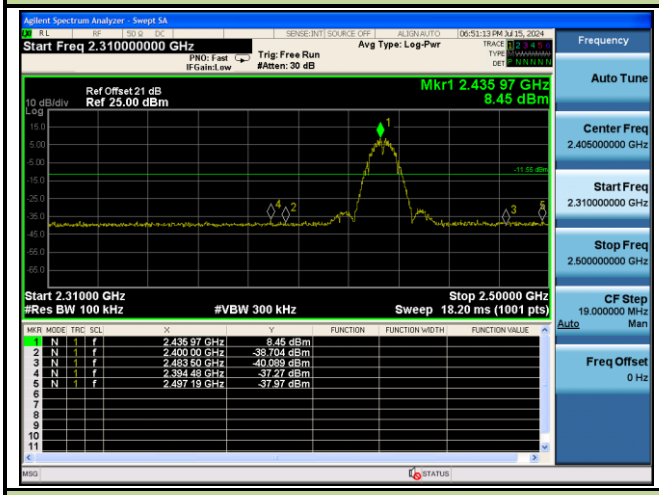
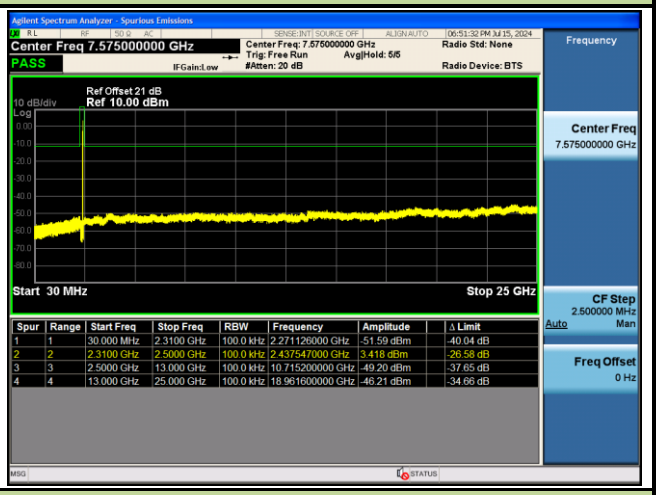
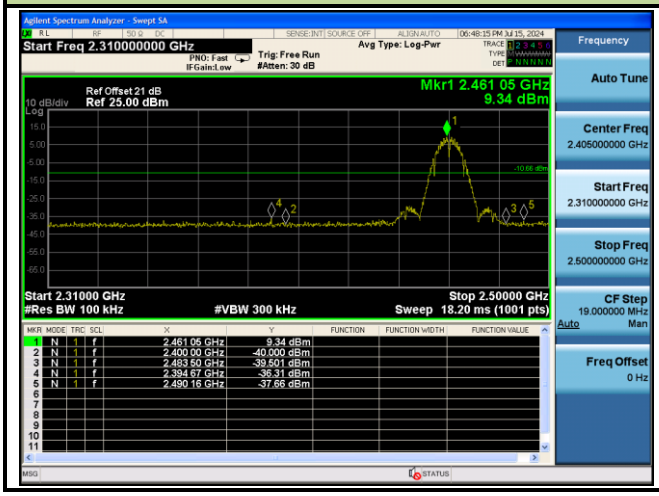
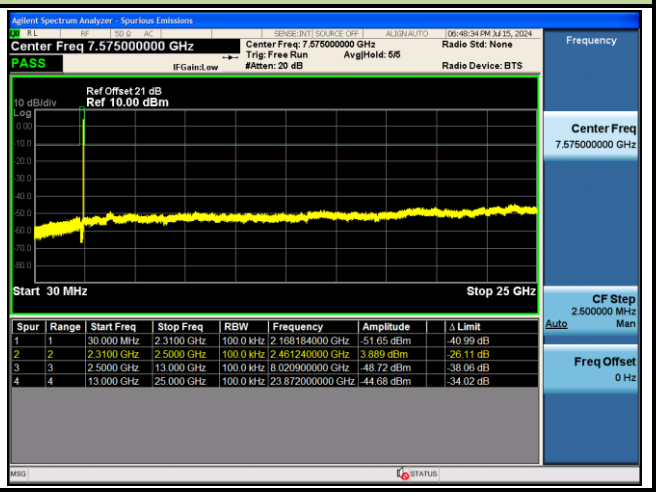


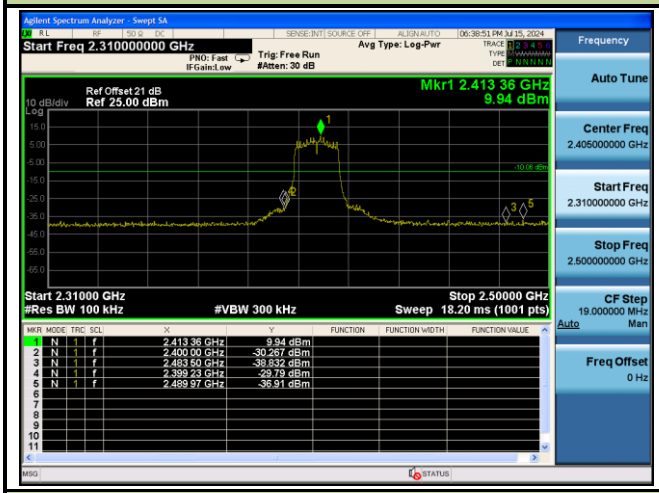
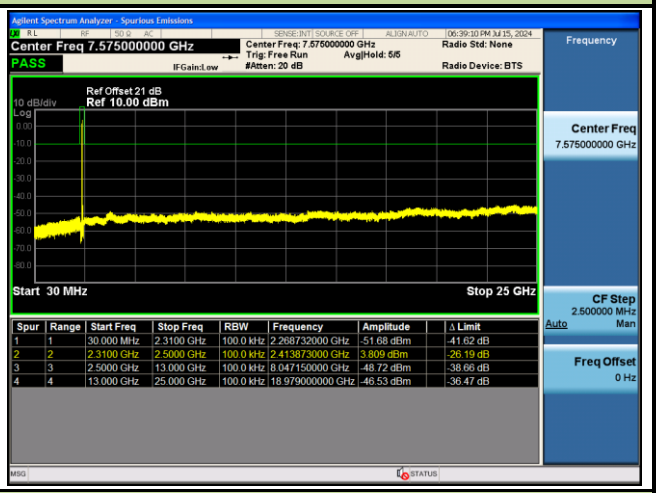
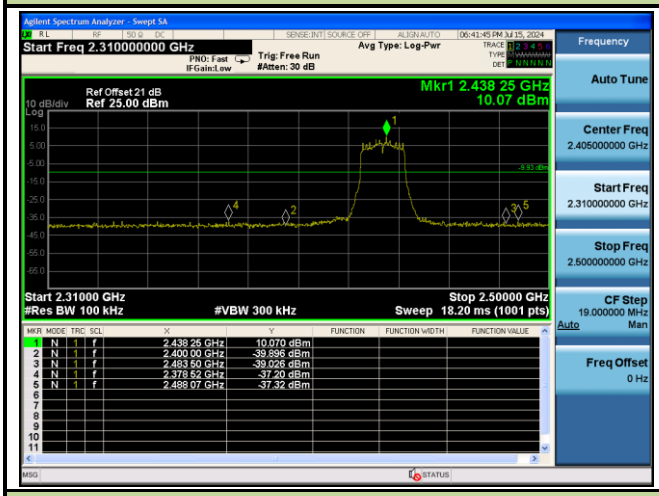
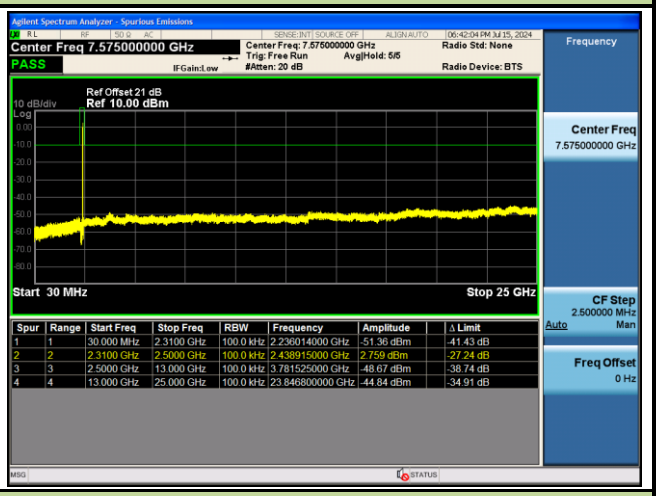
7.5.5.Test Result

Product	Mobile Computer	Temperature	25°C
Test Engineer	Wen	Relative Humidity	54%
Test Site	SR6	Test Date	2024/7/15

Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	Limit (dBc)	Result
802.11b	1Mbps	01	2412	20	Pass
802.11b	1Mbps	06	2437	20	Pass
802.11b	1Mbps	11	2462	20	Pass
802.11g	6Mbps	01	2412	20	Pass
802.11g	6Mbps	06	2437	20	Pass
802.11g	6Mbps	11	2462	20	Pass
802.11n-HT20	MCS0	01	2412	20	Pass
802.11n-HT20	MCS0	06	2437	20	Pass
802.11n-HT20	MCS0	11	2462	20	Pass
802.11n-HT40	MCS0	03	2422	20	Pass
802.11n-HT40	MCS0	06	2437	20	Pass
802.11n-HT40	MCS0	09	2452	20	Pass
802.11ax-HE20	MCS0	01	2412	20	Pass
802.11ax-HE20	MCS0	06	2437	20	Pass
802.11ax-HE20	MCS0	11	2462	20	Pass
802.11ax-HE40	MCS0	03	2422	20	Pass
802.11ax-HE40	MCS0	06	2437	20	Pass
802.11ax-HE40	MCS0	09	2452	20	Pass

Test Mode	RU Size	RU Index	Channel No.	Freq. (MHz)	Limit (dBc)	Result
CDD mode						
802.11ax-HE20	26 Tone	RU 0	01	2412	20	Pass
802.11ax-HE20		RU 8	11	2462	20	Pass
802.11ax-HE20	52 Tone	RU 74	01	2412	20	Pass
802.11ax-HE20		RU 77	11	2462	20	Pass
802.11ax-HE20	106 Tone	RU 106	01	2412	20	Pass
802.11ax-HE20		RU 107	11	2462	20	Pass
802.11ax-HE20	242 Tone	RU 122	03	2422	20	Pass
802.11ax-HE20		RU 122	09	2452	20	Pass

Ant 0	
802.11 b CH01 (2412MHz)	802.11 b CH01 (2412MHz)
	
802.11 b CH06 (2437MHz)	802.11 b CH06 (2437MHz)
	
802.11 b CH11 (2462MHz)	802.11 b CH11 (2462MHz)
	

802.11 g CH01 (2412MHz)	802.11 g CH01 (2412MHz)
	
802.11 g CH06 (2437MHz)	**802.11 g CH06 (2437MHz)**
	
802.11 g CH11 (2462MHz)	**802.11 g CH11 (2462MHz)**