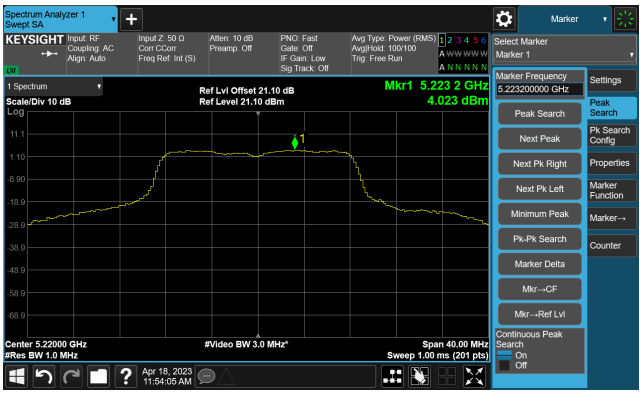
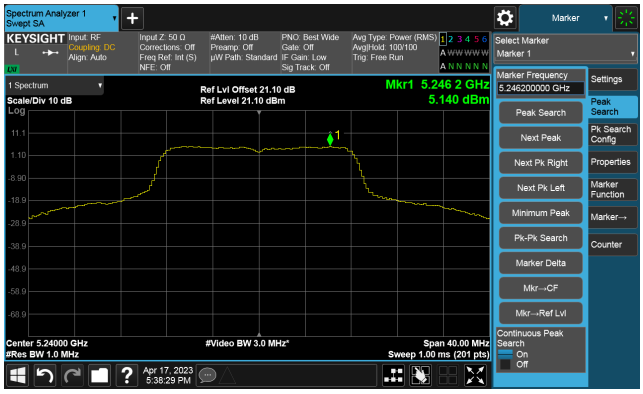
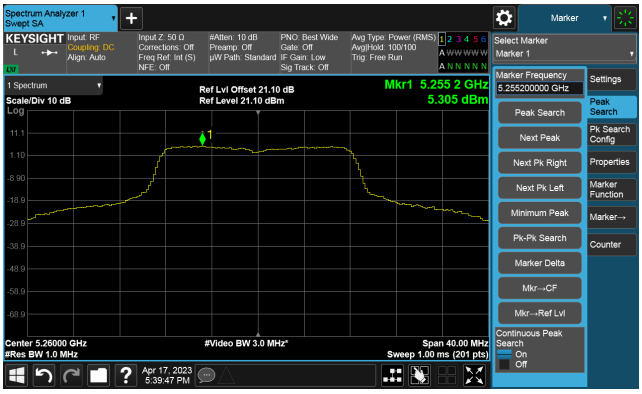
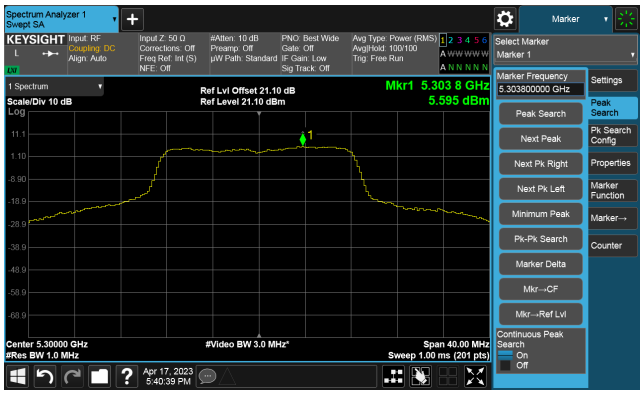
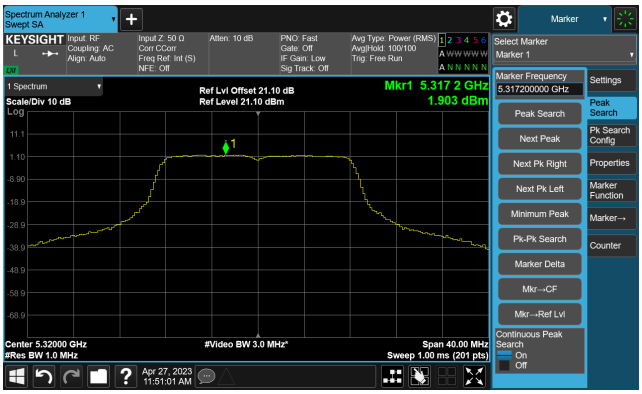
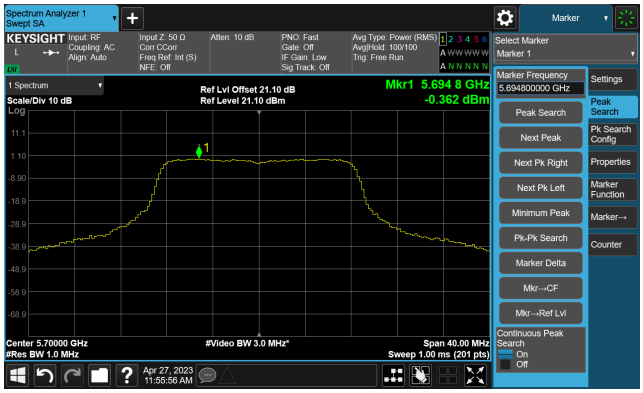
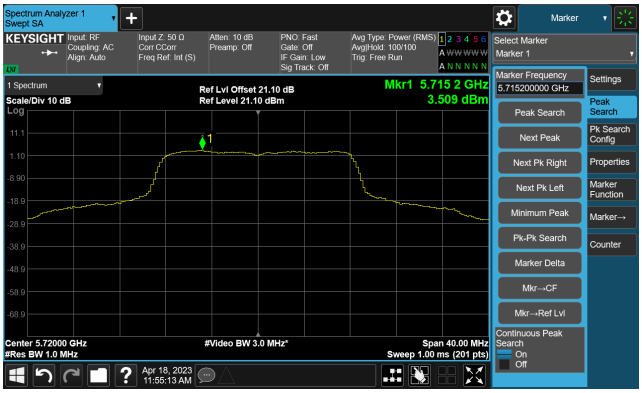
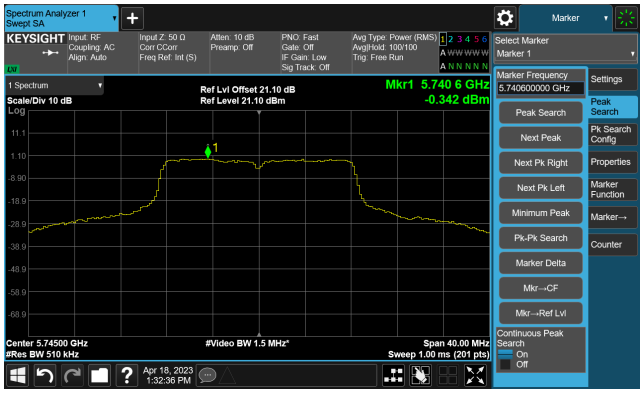
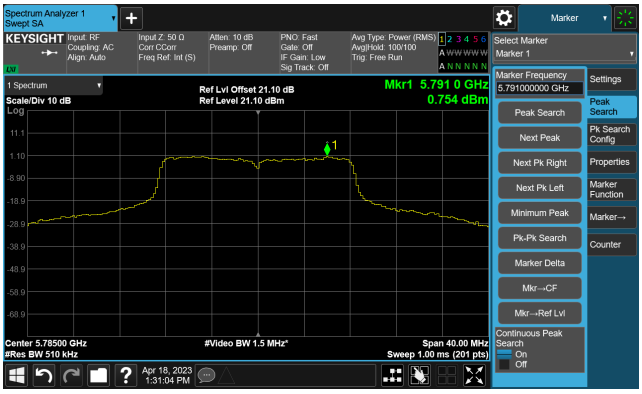
Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	PSD (dBm/MHz)	Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/ MHz)
For NII-1/-2a/-2c Bands:							
11ac-VHT80	MCS2	42	5210	-11.42	70.03	-9.88	≤ 11.00
11ac-VHT80	MCS2	58	5290	-6.52	70.03	-4.97	≤ 11.00
11ac-VHT80	MCS2	106	5530	-2.16	70.03	-0.61	≤ 11.00
11ac-VHT80	MCS2	122	5610	-1.84	70.03	-0.29	≤ 11.00
11ac-VHT80	MCS2	138	5690	-1.79	70.03	-0.24	≤ 11.00

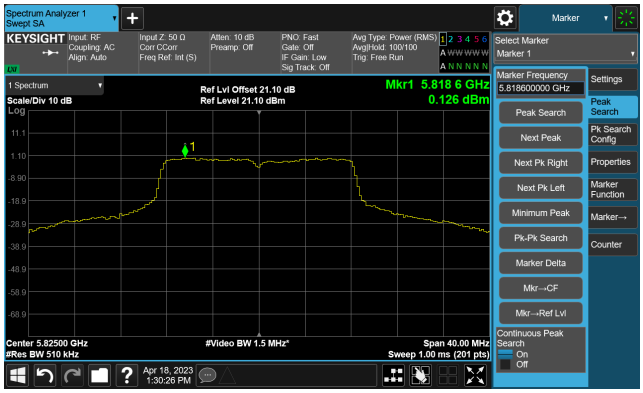
Note: When EUT duty cycle < 98%, the total PSD (dBm/MHz) = AVGPSD (dBm/MHz) +10*log (1/Duty cycle)

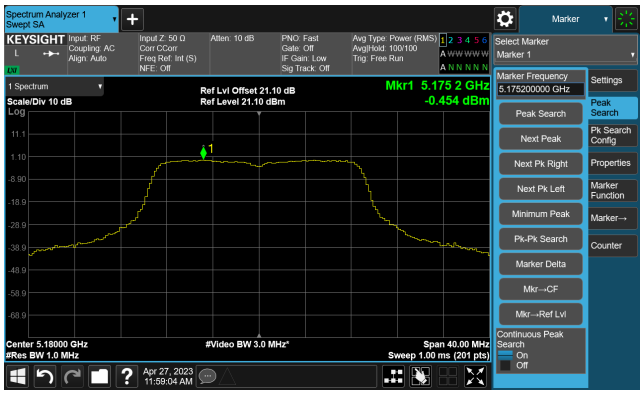
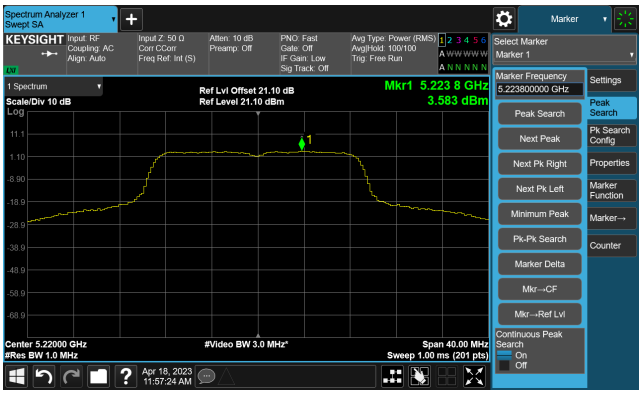
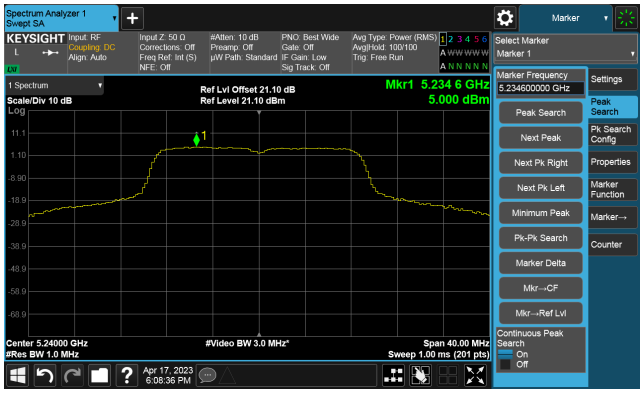
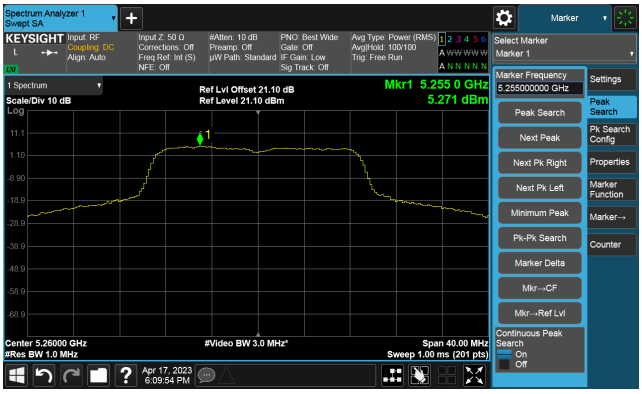
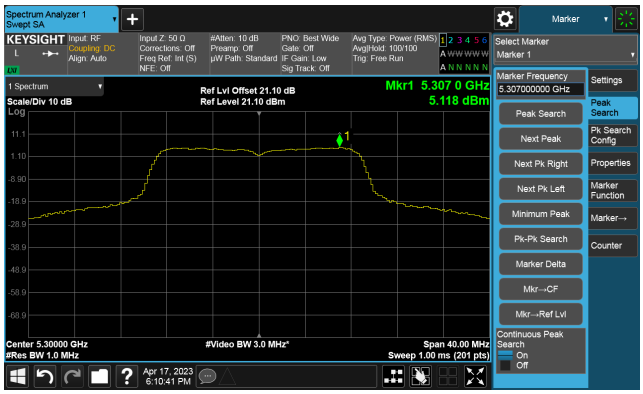
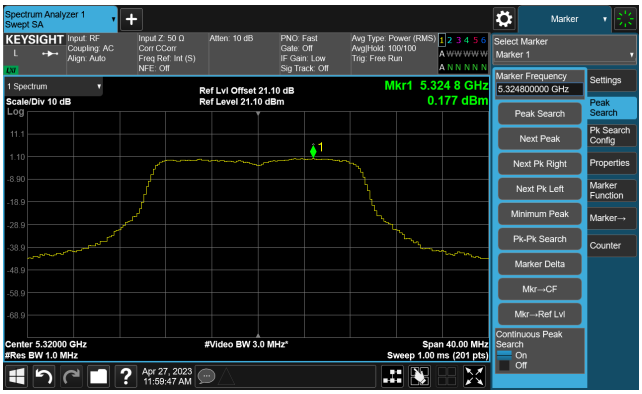
Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	AVG PSD (dBm/510kHz)	Duty Cycle (%)	Total PSD (dBm/510kHz)	PSD Limit (dBm/500kHz)
For NII-3 Band:							
11a	54Mbps	149	5745	-0.34	69.75	1.22	≤ 30.00
11a	54Mbps	157	5785	0.75	69.75	2.32	≤ 30.00
11a	54Mbps	165	5825	0.13	69.75	1.69	≤ 30.00
11ac-VHT20	MCS6	149	5745	-0.21	72.02	1.22	≤ 30.00
11ac-VHT20	MCS6	157	5785	-0.08	72.02	1.35	≤ 30.00
11ac-VHT20	MCS6	165	5825	0.26	72.02	1.69	≤ 30.00
11ac-VHT40	MCS1	151	5755	-1.23	78.59	-0.18	≤ 30.00
11ac-VHT40	MCS1	159	5795	-1.62	78.59	-0.57	≤ 30.00
11ac-VHT80	MCS2	155	5775	-4.18	70.03	-2.63	≤ 30.00

Note: When EUT duty cycle < 98%, the total PSD (dBm/510kHz) = AVGPSD (dBm/510kHz) +10*log (1/Duty cycle).

802.11a Power Spectral Density	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	

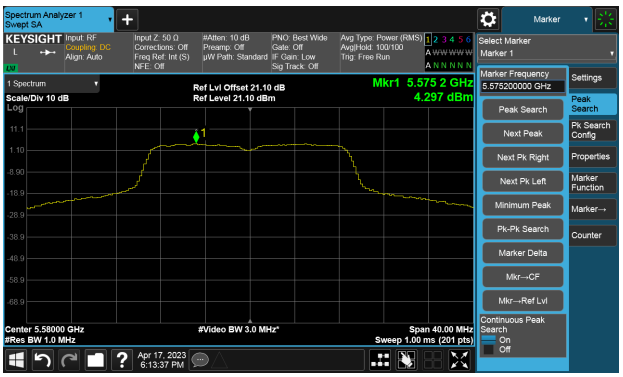
Channel 100 (5500MHz)	Channel 64 (5580MHz)
	
Channel 140 (5700MHz)	**Channel 144 (5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

Channel 165 (5825MHz)	
	

802.11ac-VHT20 Power Spectral Density	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	

Channel 100 (5500MHz)

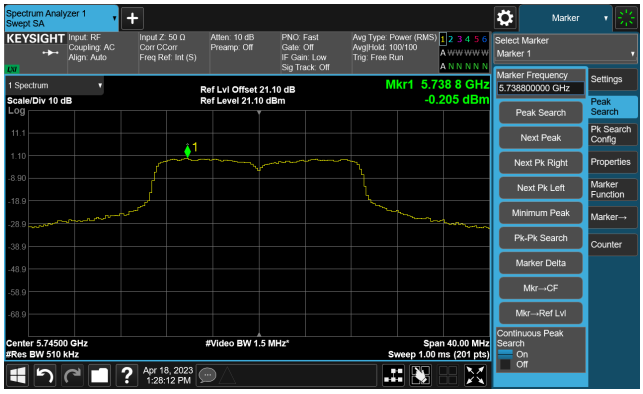
Channel 116 (5580MHz)



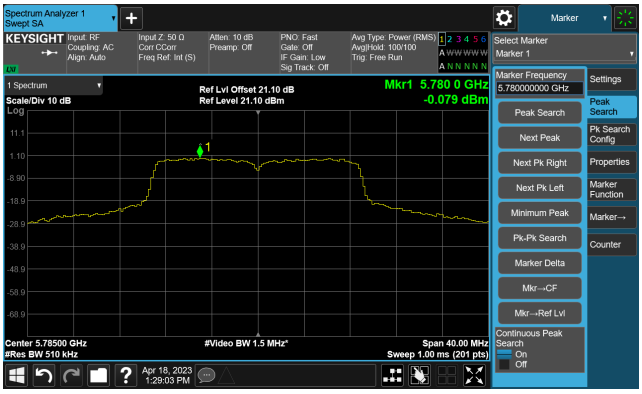
Channel 140 (5700MHz)

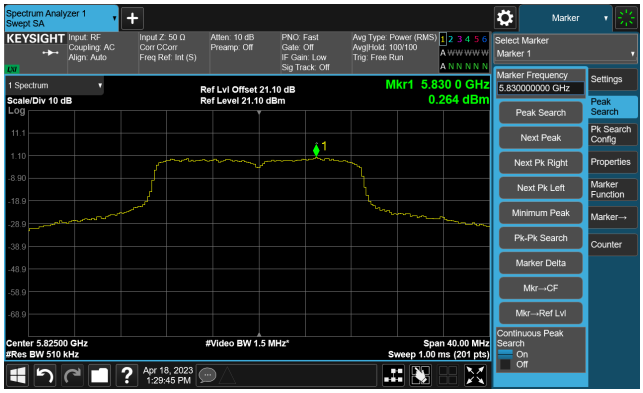
Channel 144 (5720MHz)

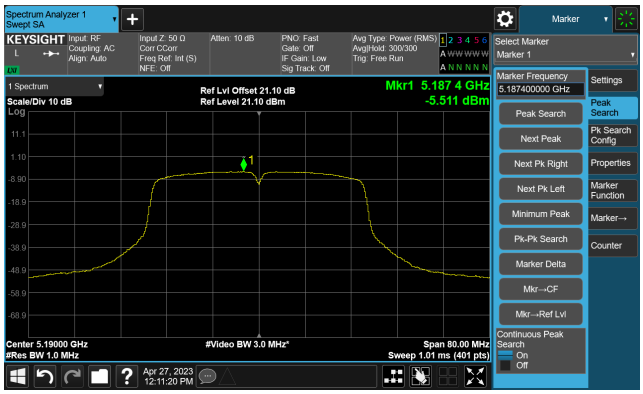
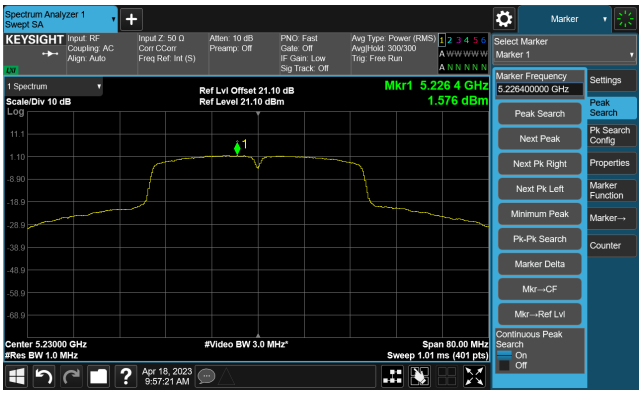
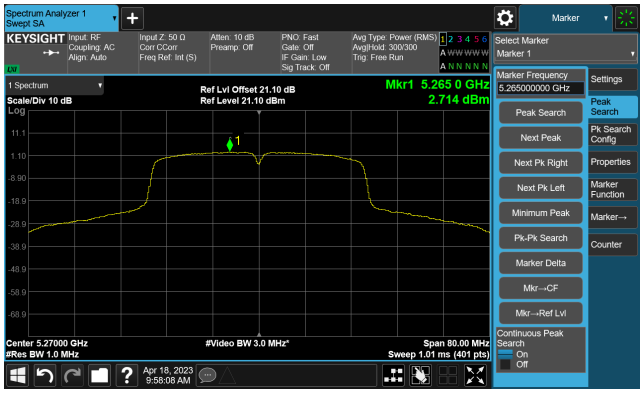
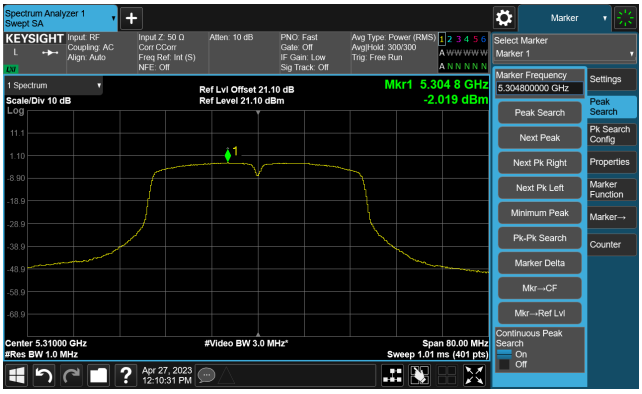
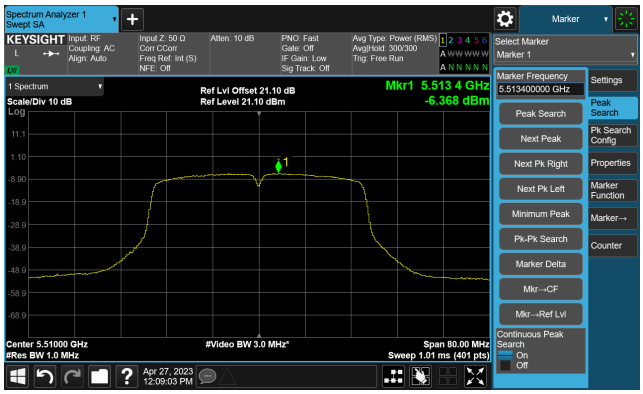
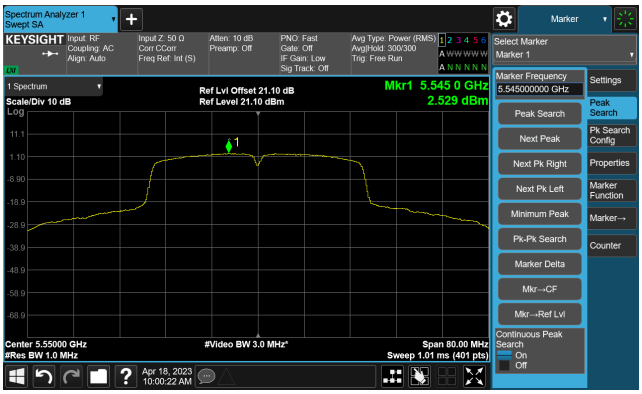
Channel 149 (5745MHz)

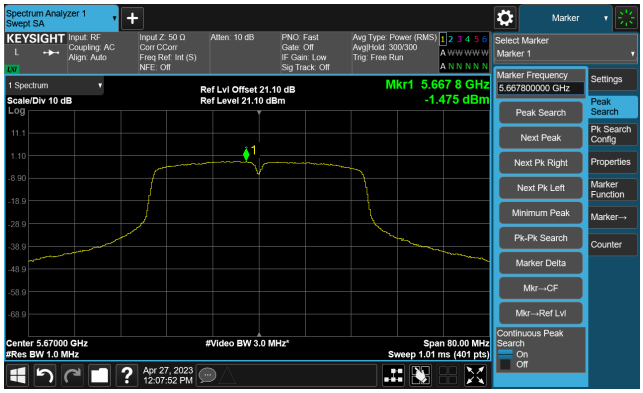
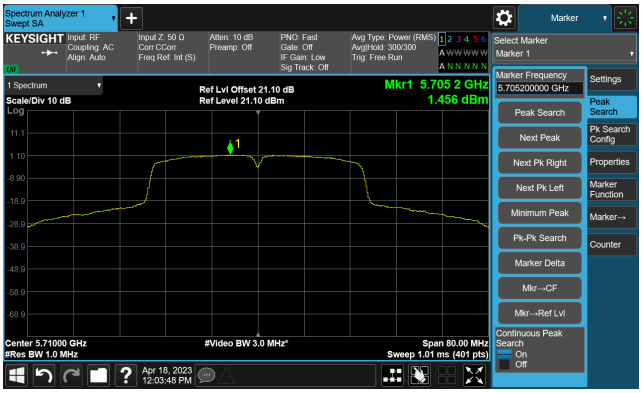
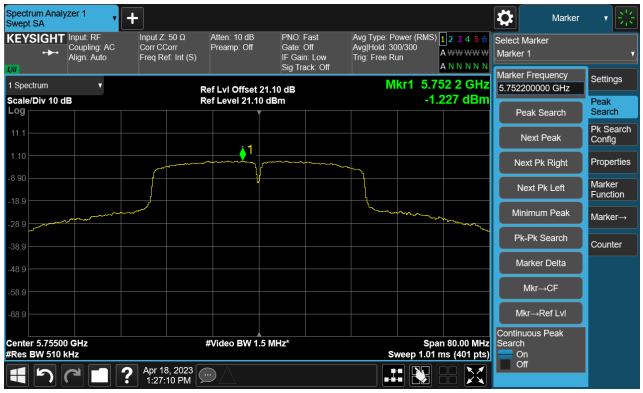


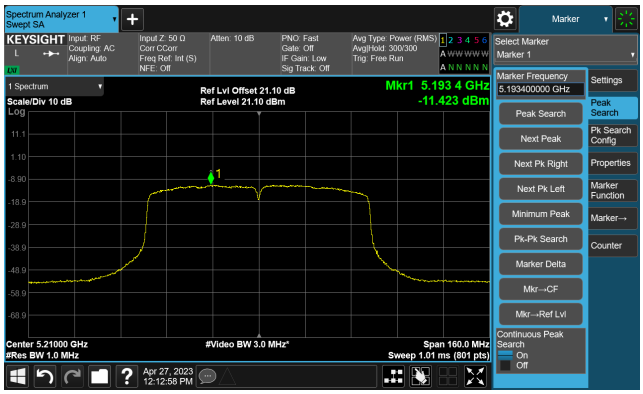
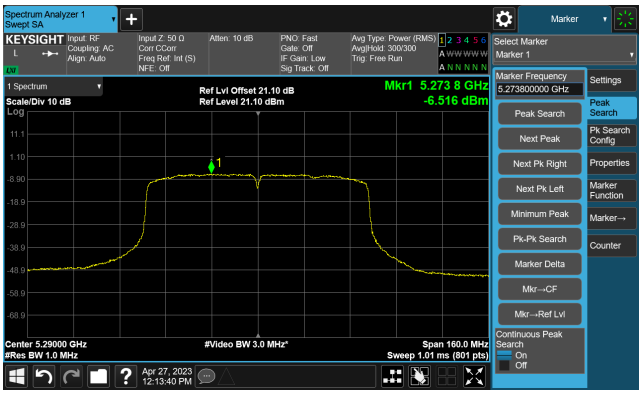
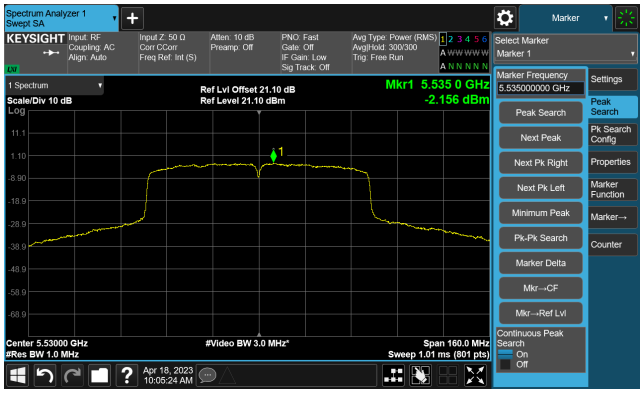
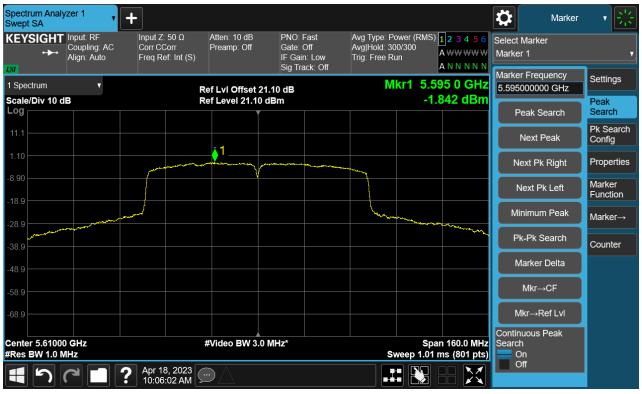
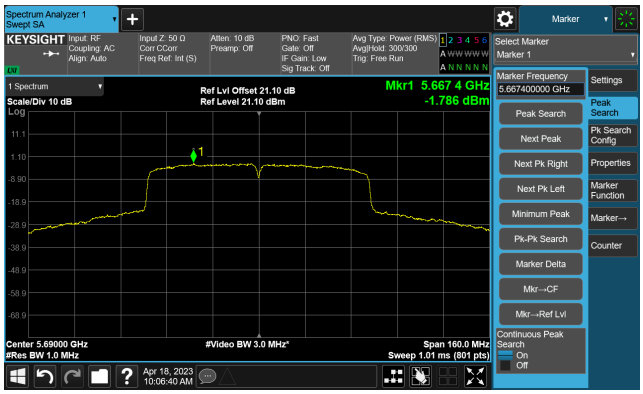
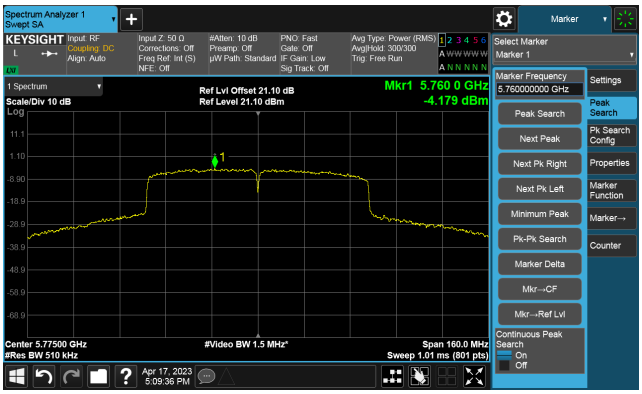
Channel 157 (5785MHz)



Channel 165 (5825MHz)	
	

802.11ac-VHT40 Power Spectral Density	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	

Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT80 Power Spectral Density	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

A.6 Frequency Stability Test Result

Test Site	SIP-TR1	Test Engineer	Alisa Deng
Test Date	2023-04-26	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Power (V_{DC})	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	12.27	12.28	12.27	12.30
		- 20	10.75	11.09	11.26	11.26
		- 10	7.37	7.80	8.24	8.64
		0	5.82	5.85	5.90	5.80
		+ 10	1.25	1.68	2.26	2.39
		+ 20	0.43	-0.05	-0.10	-0.17
		+ 30	-2.79	-2.59	-2.55	-2.52
		+ 40	-2.84	-2.86	-2.89	-2.91
		+ 50	-1.38	-1.32	-1.24	-1.24
Battery Upper	138	+ 20	-0.31	-0.35	-0.40	-0.37
Battery Endpoint	102	+ 20	0.49	0.05	-0.17	-0.26

Note 1: Frequency Tolerance (ppm) = {[Measured Frequency (MHz) - Declared Frequency (MHz)] / Declared Frequency (MHz)} *10^6.