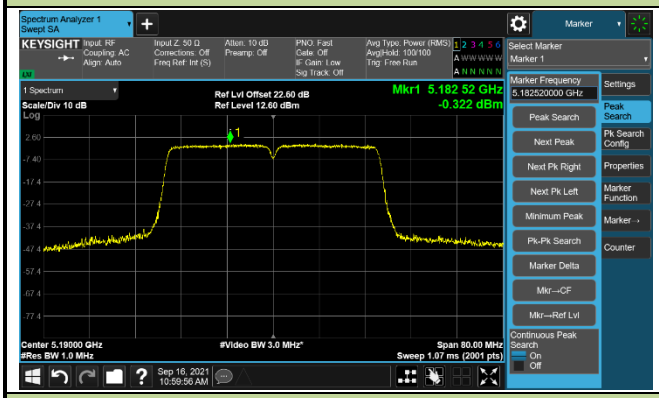
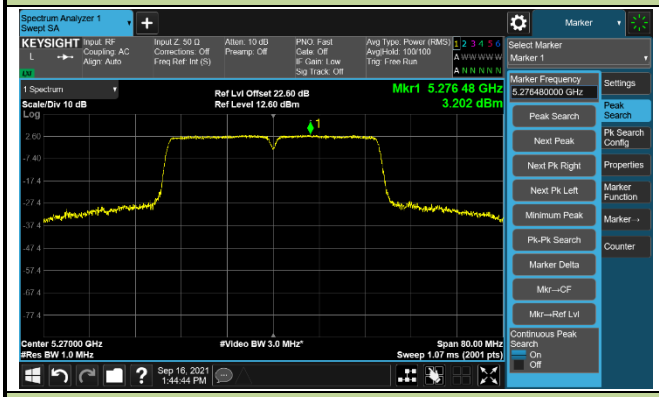
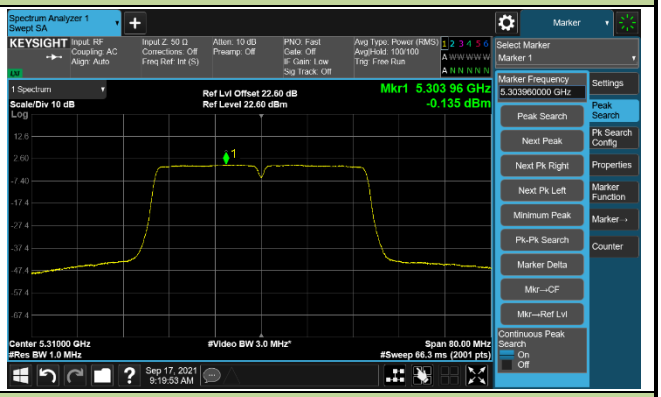
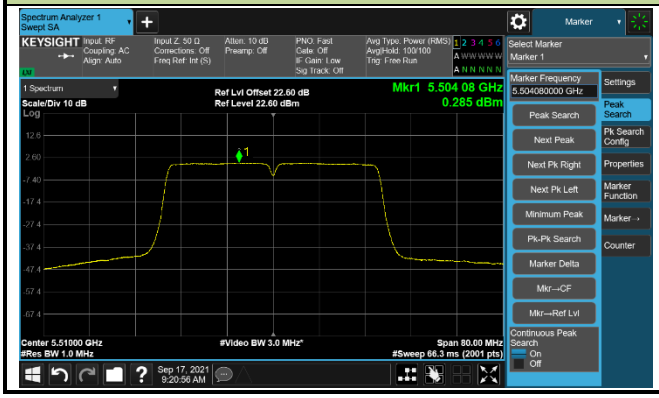
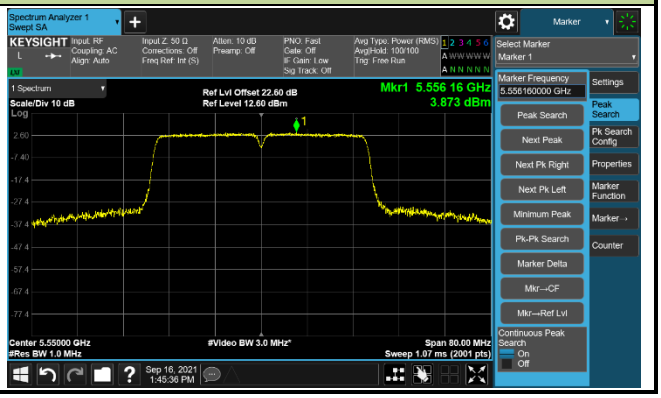
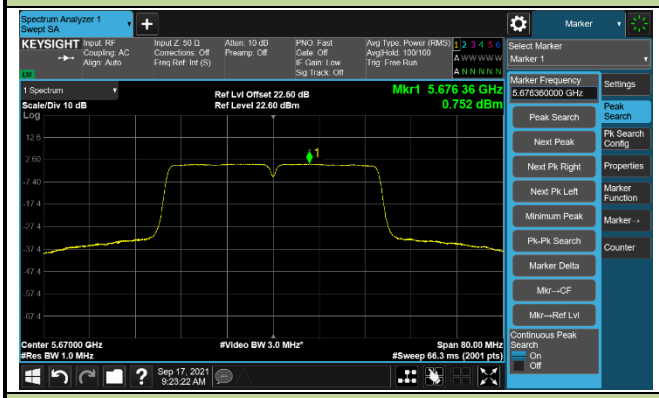
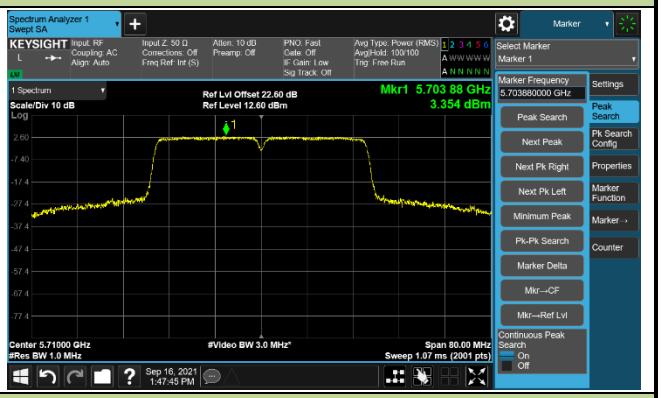
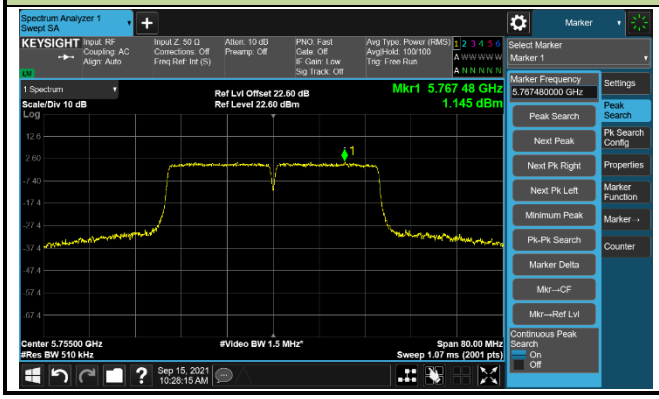
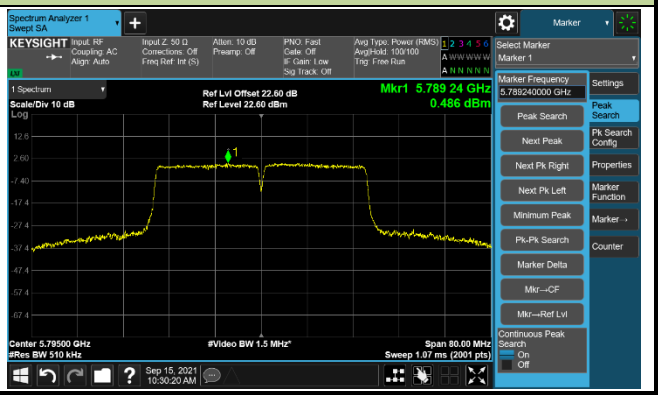
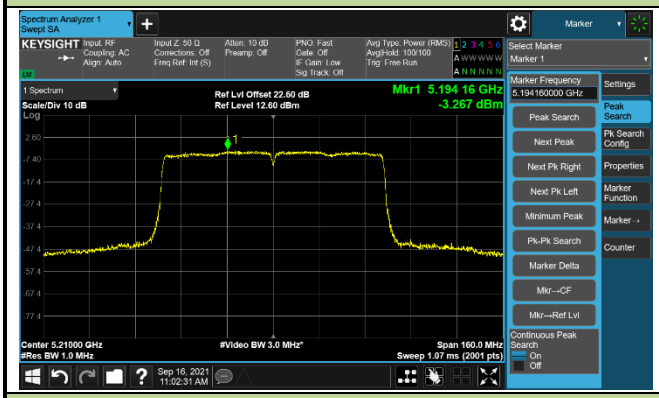
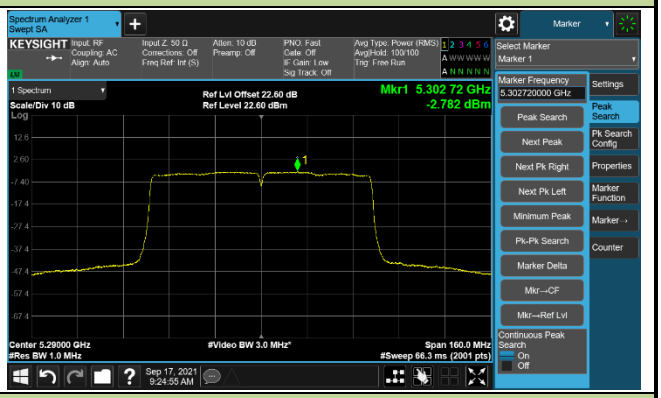
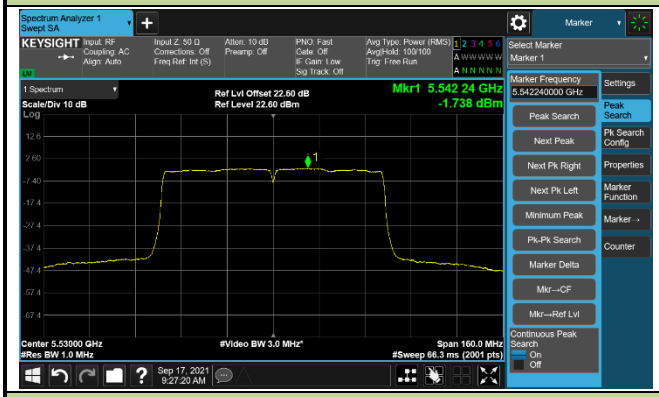
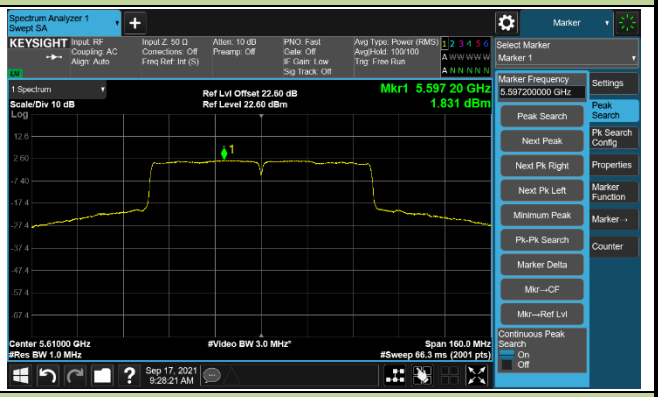
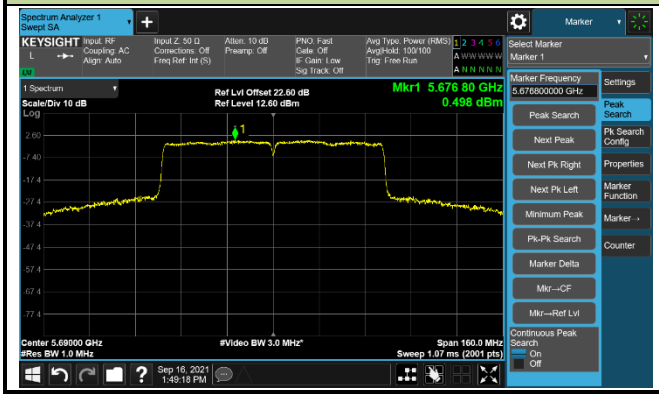
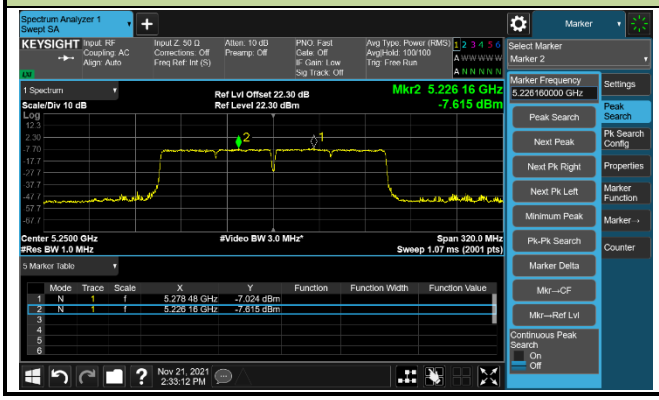
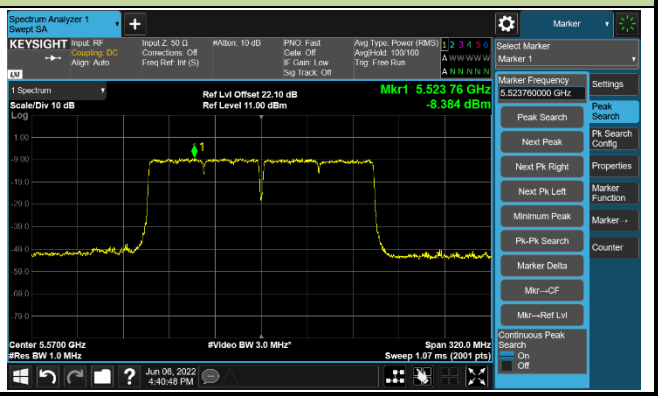
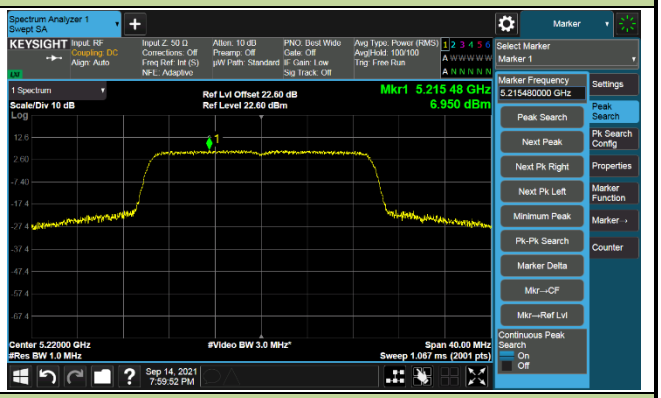
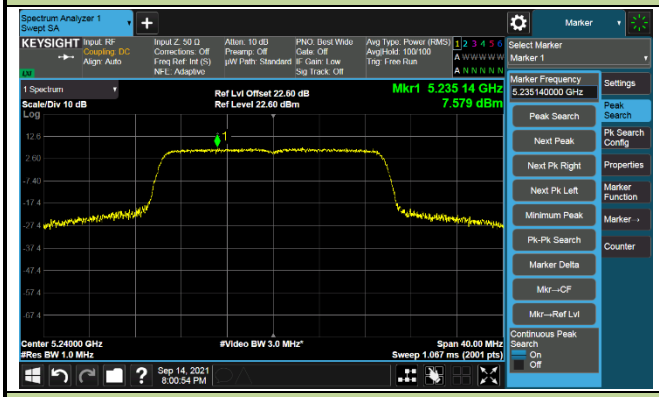
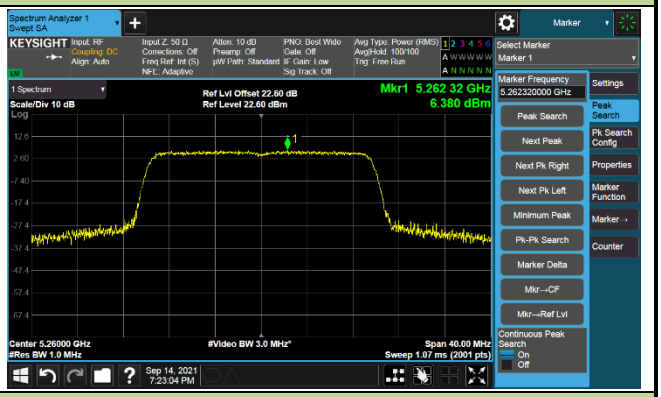
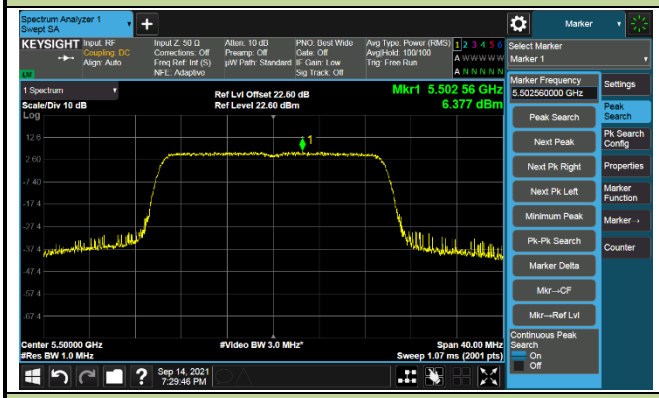
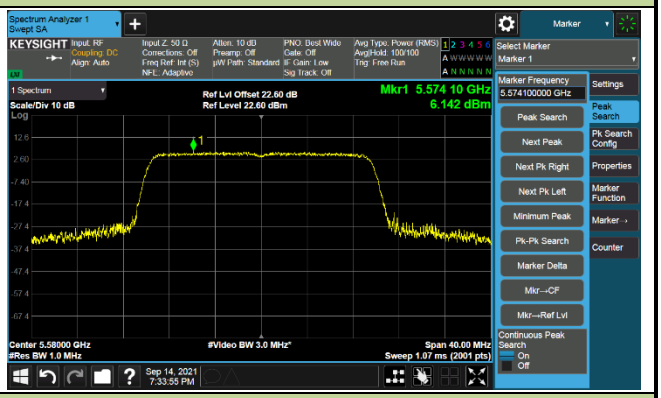
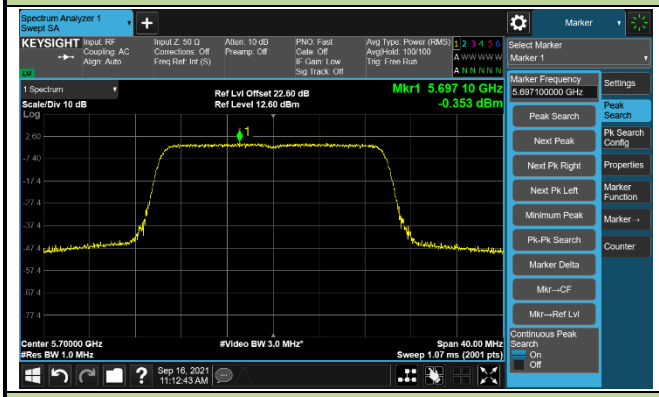
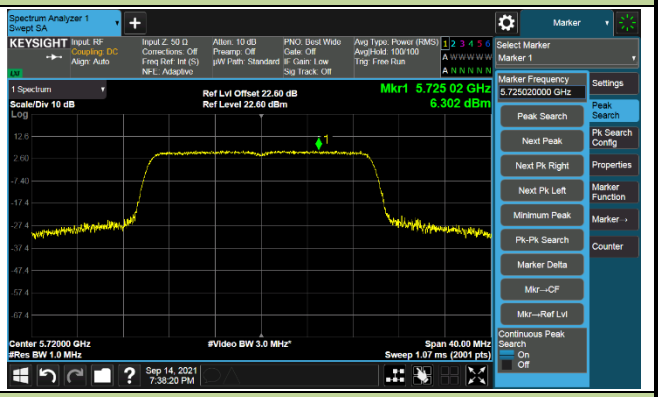
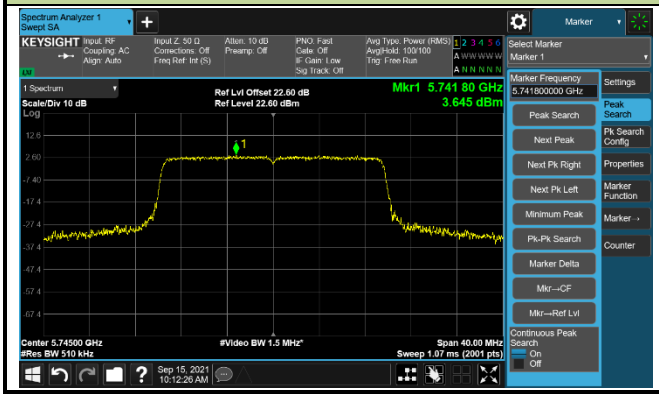
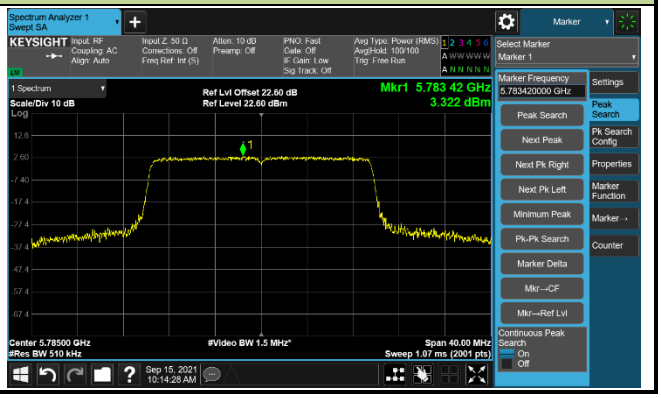
802.11ac-VHT40 Power Spectral Density – Ant 3	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	

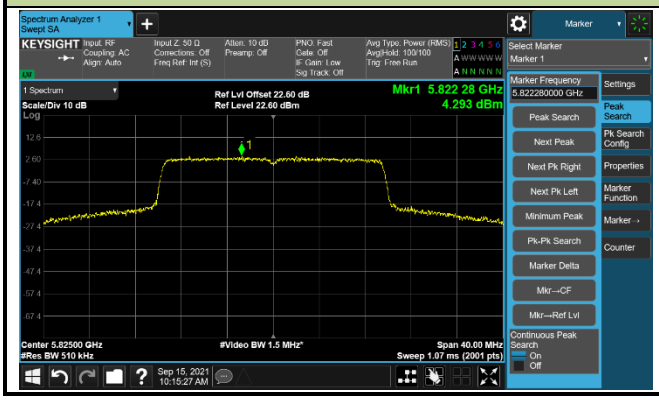
802.11ac-VHT40 Power Spectral Density – Ant 3	
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

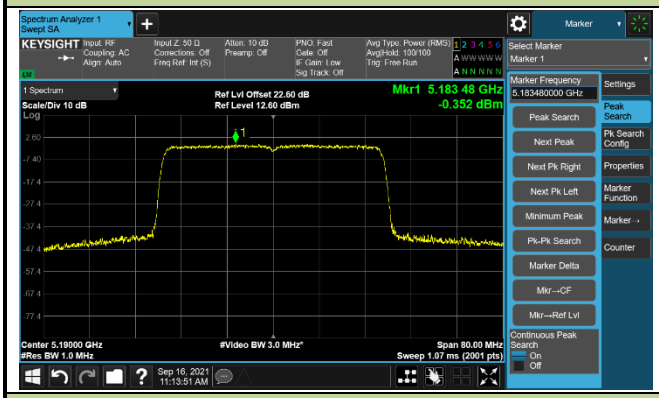
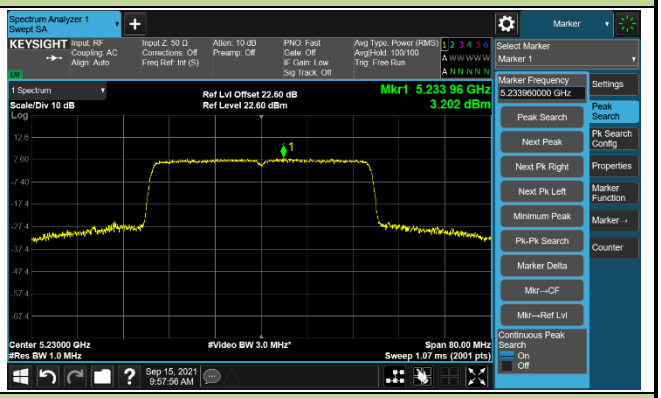
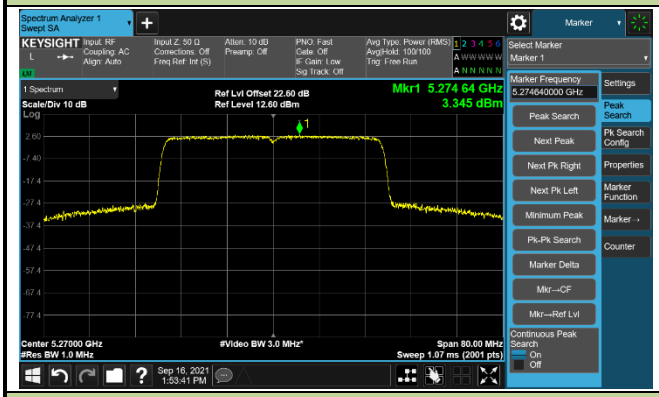
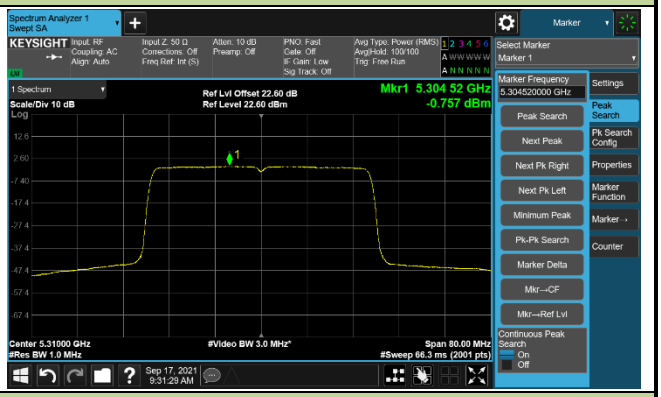
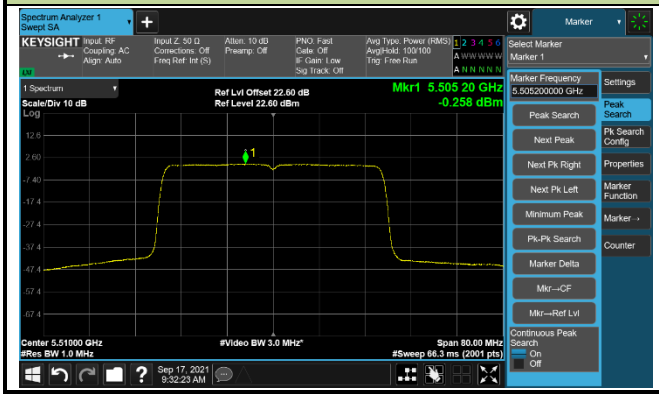
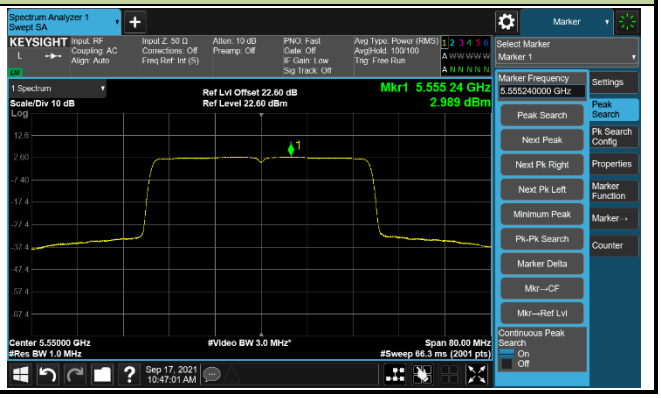
802.11ac-VHT80 Power Spectral Density – Ant 3	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

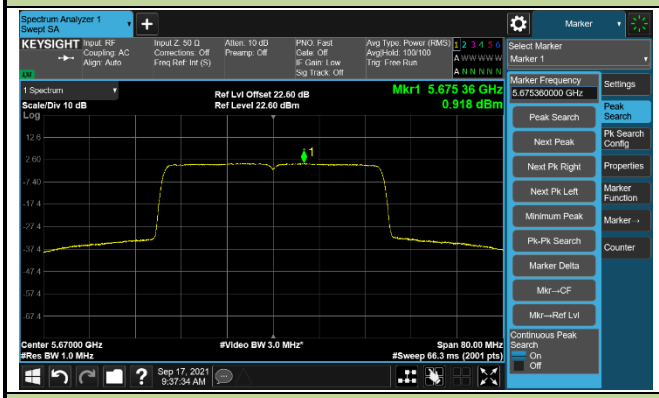
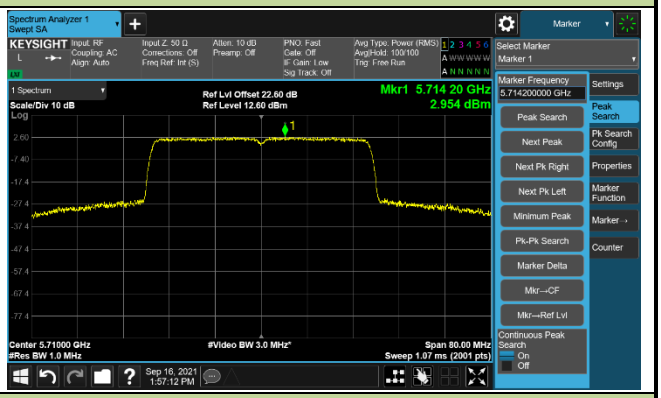
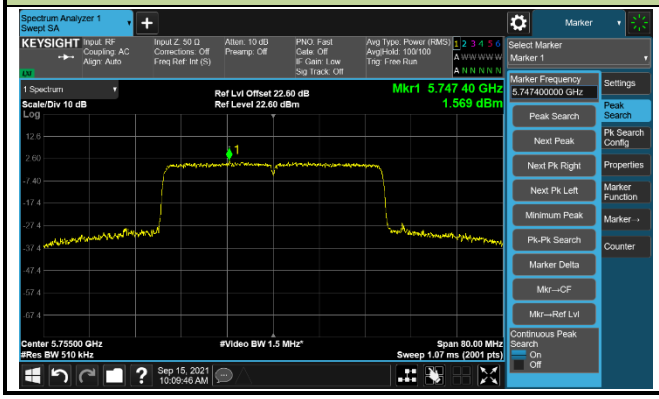
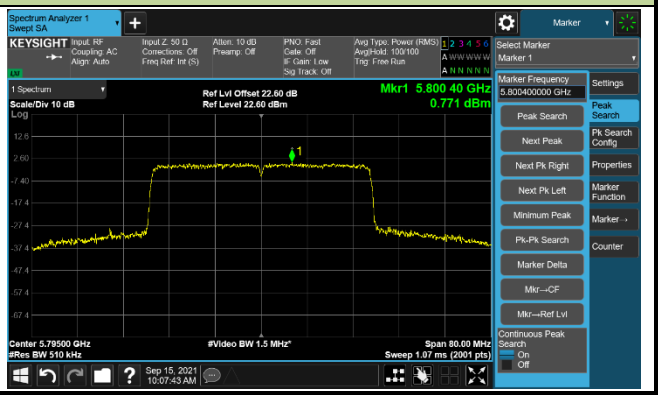
802.11ac-VHT160 Power Spectral Density – Ant 3	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

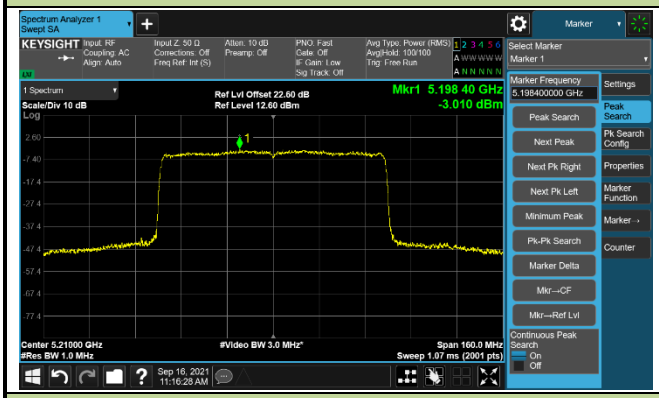
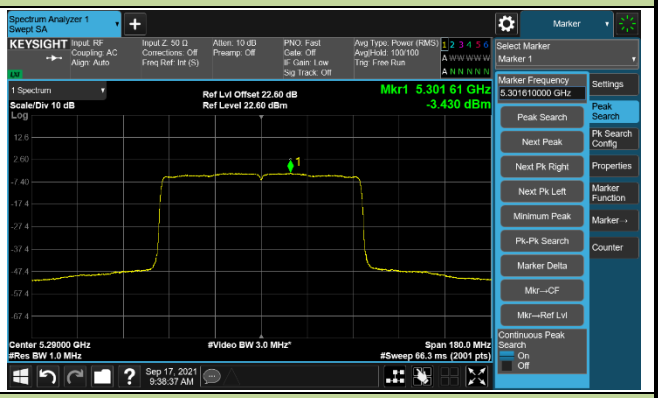
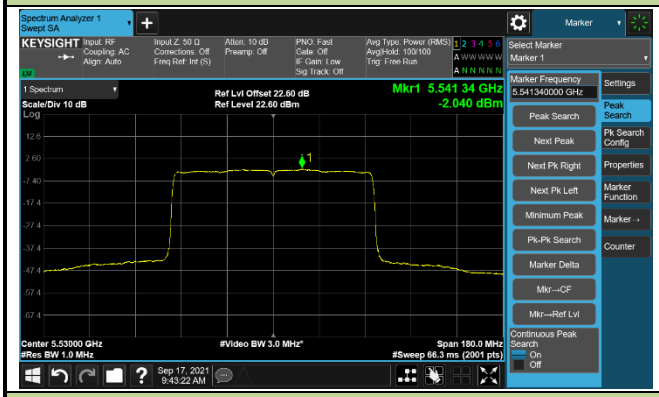
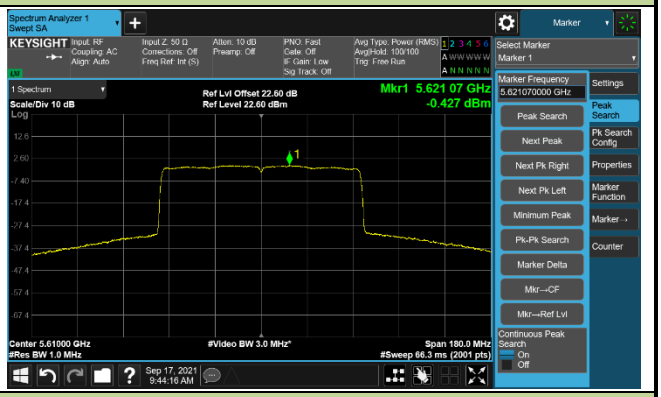
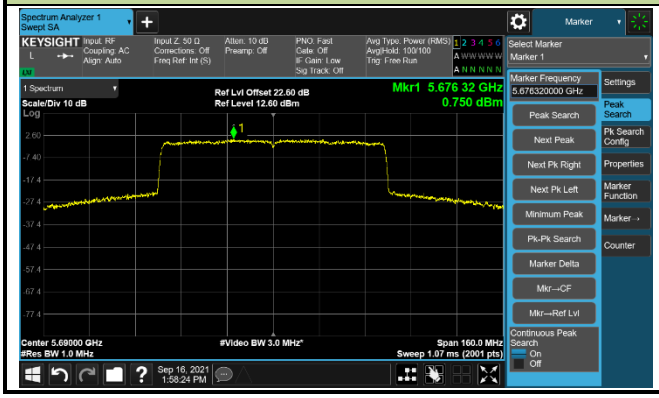
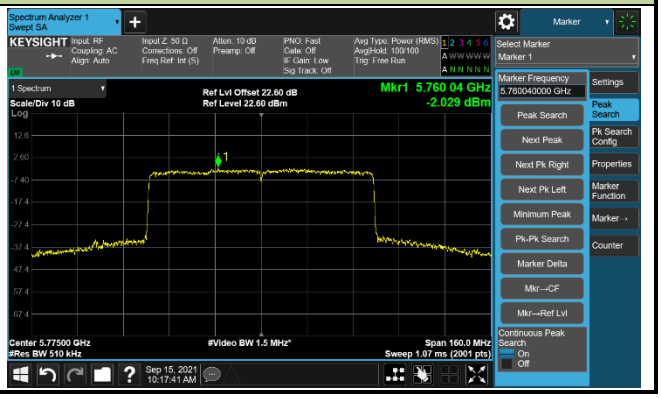
802.11ax-HE20 Power Spectral Density – Ant 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	

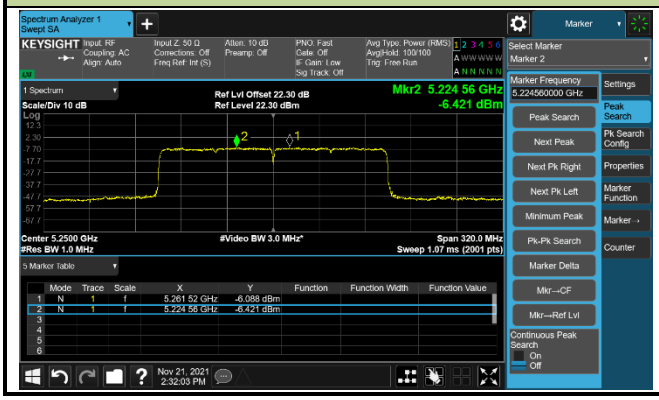
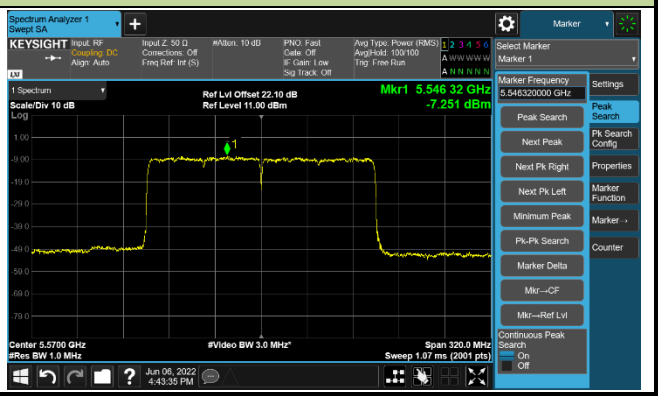
802.11ax-HE20 Power Spectral Density – Ant 3	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 140 (5700MHz)	Channel 144 (5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	

802.11ax-HE20 Power Spectral Density – Ant 3	
Channel 165 (5825MHz)	
	

802.11ax-HE40 Power Spectral Density – Ant 3	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	

802.11ax-HE40 Power Spectral Density – Ant 3	
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ax-HE80 Power Spectral Density – Ant 3	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

802.11ax-HE160 Power Spectral Density – Ant 3	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

Product	ACCESS POINT	Temperature	23 ~ 25°C
Test Engineer	Eric Lin	Relative Humidity	40 ~ 56%
Test Site	SR2	Test Date	2021/11/16
Frequency Band	U-NII-1 & U-NII-2A & U-NII-2C		
Filter Type	Sunyear (Path C _ Partial Path), Spot Check		

Test Mode	Data Rate /MCS	Ch. No.	Freq. (MHz)	PSD (dBm/MHz)		Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)	Result
				Ant 2	Ant 3				
11a	6Mbps	36	5180	5.68	5.13	94.92	8.65	≤ 16.20	Pass
11a	6Mbps	44	5220	7.11	6.36	94.92	9.99	≤ 16.20	Pass
11a	6Mbps	48	5240	6.80	6.39	94.92	9.84	≤ 16.20	Pass
11a	6Mbps	52	5260	5.26	5.61	94.92	8.68	≤ 10.20	Pass
11a	6Mbps	60	5300	5.11	5.57	94.92	8.58	≤ 10.20	Pass
11a	6Mbps	64	5320	4.99	5.53	94.92	8.51	≤ 10.20	Pass
11a	6Mbps	100	5500	4.82	5.16	94.92	8.23	≤ 10.20	Pass
11a	6Mbps	116	5580	5.49	5.63	94.92	8.80	≤ 10.20	Pass
11a	6Mbps	140	5700	3.08	2.85	94.92	6.20	≤ 10.20	Pass
11a	6Mbps	144	5720	5.21	5.16	94.92	8.42	≤ 10.20	Pass
11ac-VHT20	MCS0	36	5180	5.69	5.60	98.16	8.66	≤ 16.20	Pass
11ac-VHT20	MCS0	44	5220	6.61	5.90	98.16	9.28	≤ 16.20	Pass
11ac-VHT20	MCS0	48	5240	6.90	6.28	98.16	9.61	≤ 16.20	Pass
11ac-VHT20	MCS0	52	5260	5.30	5.98	98.16	8.66	≤ 10.20	Pass
11ac-VHT20	MCS0	60	5300	5.60	6.20	98.16	8.92	≤ 10.20	Pass
11ac-VHT20	MCS0	64	5320	5.18	5.42	98.16	8.31	≤ 10.20	Pass
11ac-VHT20	MCS0	100	5500	5.77	5.49	98.16	8.64	≤ 10.20	Pass
11ac-VHT20	MCS0	116	5580	6.08	5.68	98.16	8.89	≤ 10.20	Pass
11ac-VHT20	MCS0	140	5700	2.42	2.46	98.16	5.45	≤ 10.20	Pass
11ac-VHT20	MCS0	144	5720	5.85	5.70	98.16	8.79	≤ 10.20	Pass

Test Mode	Data Rate /MCS	Ch. No.	Freq. (MHz)	PSD (dBm/MHz)		Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)	Result
				Ant 2	Ant 3				
11ax-HE20	MCS0	36	5180	4.64	4.66	97.82	7.76	≤ 16.20	Pass
11ax-HE20	MCS0	44	5220	7.03	6.56	97.82	9.91	≤ 16.20	Pass
11ax-HE20	MCS0	48	5240	6.41	7.01	97.82	9.83	≤ 16.20	Pass
11ax-HE20	MCS0	52	5260	6.27	6.25	97.82	9.37	≤ 10.20	Pass
11ax-HE20	MCS0	60	5300	5.95	6.37	97.82	9.27	≤ 10.20	Pass
11ax-HE20	MCS0	116	5580	5.75	6.45	97.82	9.22	≤ 10.20	Pass
11ax-HE20	MCS0	144	5720	6.34	5.95	97.82	9.26	≤ 10.20	Pass

Note 1: When EUT duty cycle < 98%, the total PSD (dBm/MHz) = 10*log {$10^{(\text{Ant 2 PSD}/10)}$ + $10^{(\text{Ant 3 PSD}/10)}$} (dBm/MHz) + 10*log (1/Duty Cycle).

Note 2:

For 5150 - 5250MHz, PSD Limit = 17dBm/MHz - (6.8dBi - 6dBi) = 16.2dBm/MHz

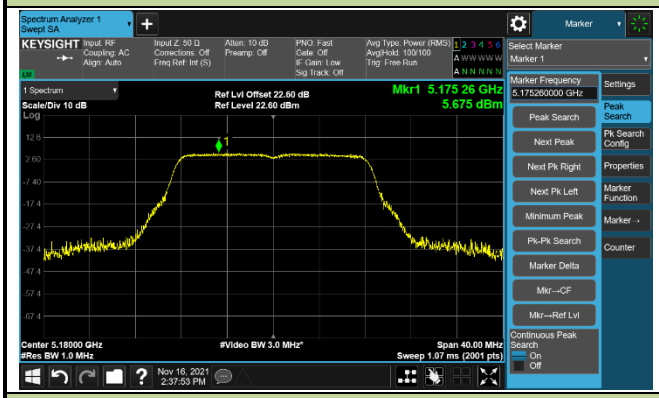
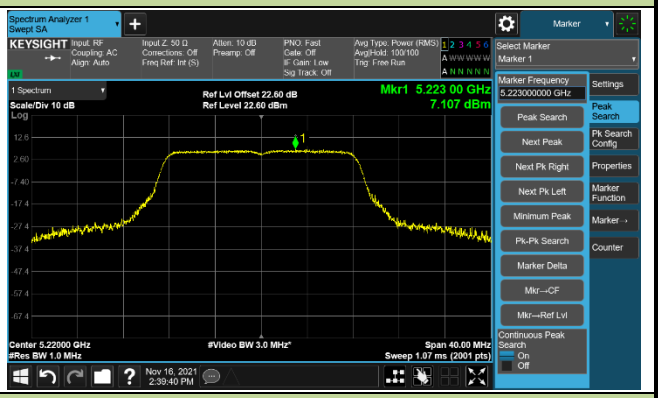
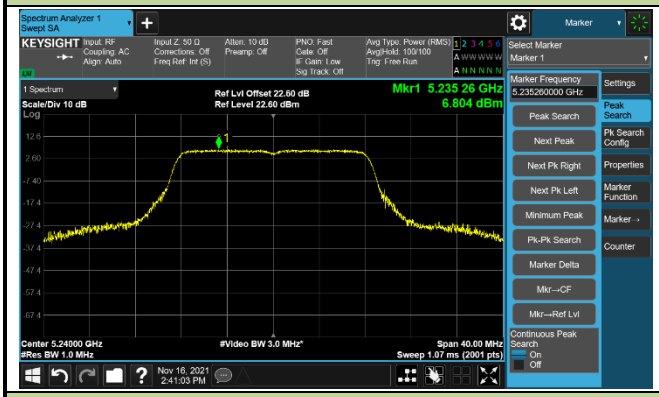
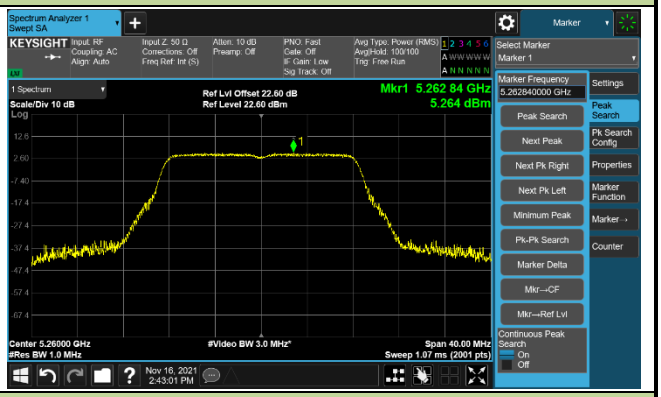
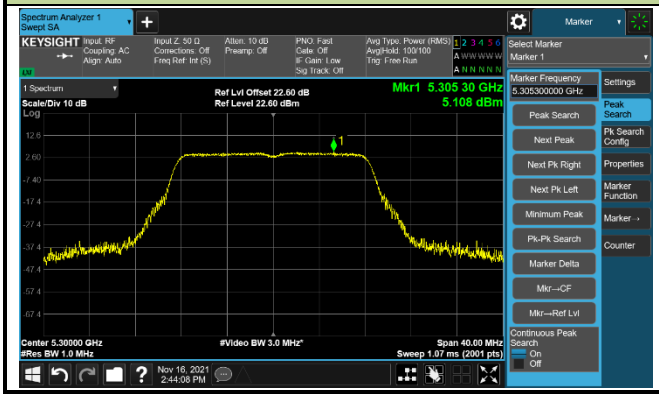
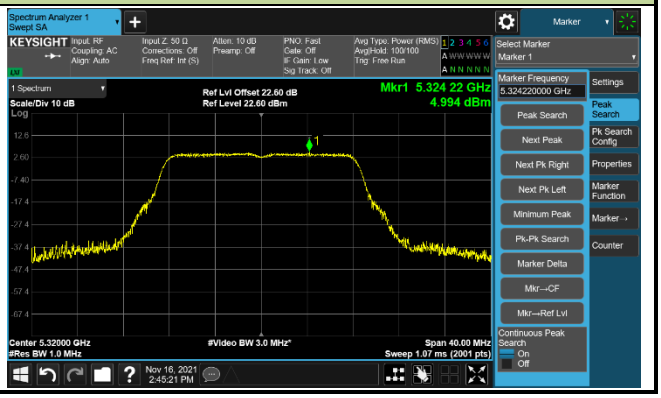
For 5250 - 5725MHz, PSD Limit = 11dBm/MHz - (6.8dBi - 6dBi) = 10.2dBm/MHz

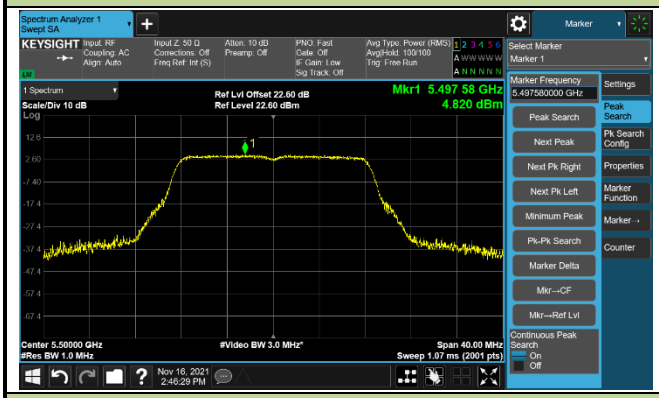
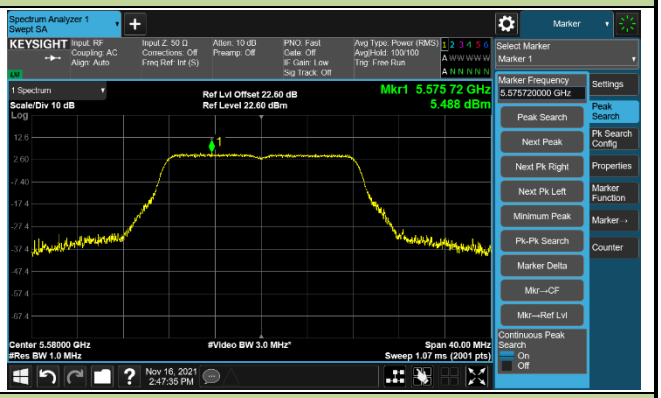
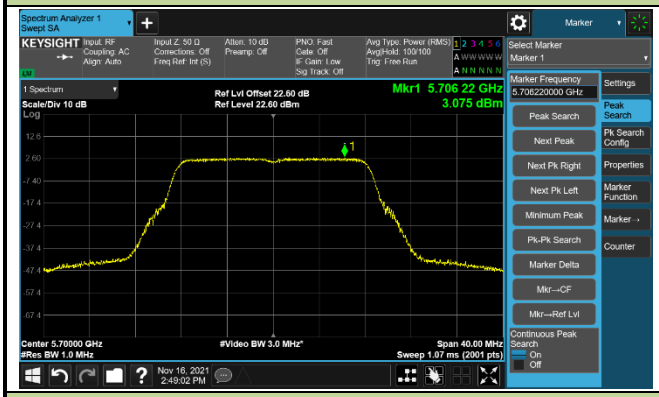
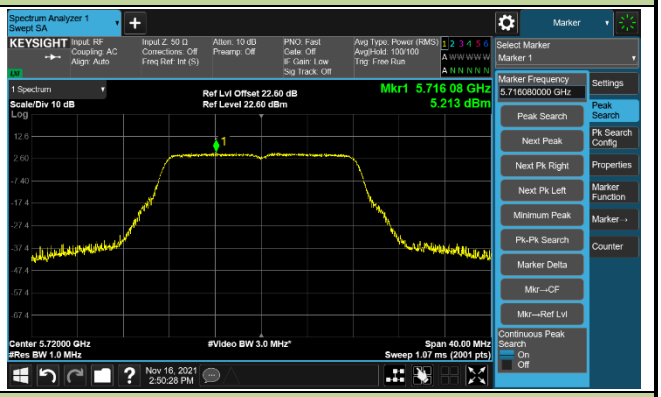
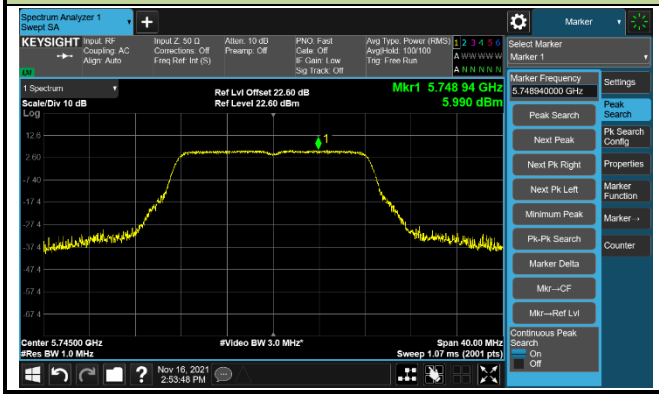
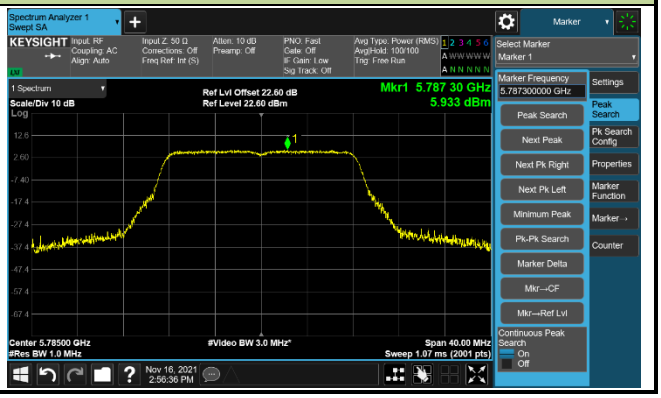
Product	ACCESS POINT	Temperature	24~27°C
Test Engineer	Eric Lin	Relative Humidity	58~60%
Test Site	SR2	Test Date	2021/11/16
Frequency Band	U-NII-3		
Filter Type	Sunyear (Path C _ Partial Path), Spot Check		

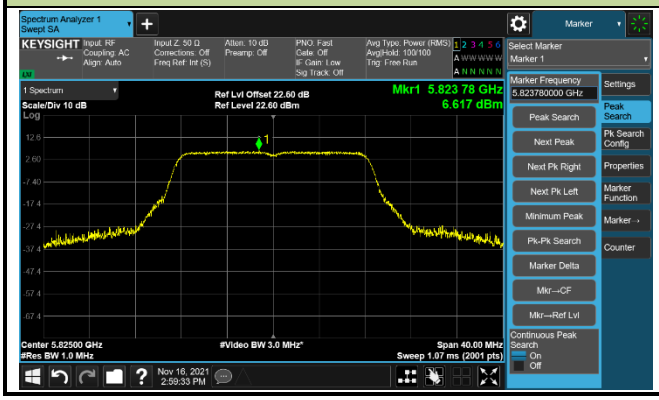
Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	PSD (dBm/510kHz)		Duty Cycle (%)	Total PSD (dBm/ 510kHz)	Limit (dBm/ 500kHz)	Result
				Ant 2	Ant 3				
11a	6Mbps	149	5745	5.99	6.79	94.92	9.65	≤ 29.20	Pass
11a	6Mbps	157	5785	5.93	6.68	94.92	9.56	≤ 29.20	Pass
11a	6Mbps	165	5825	6.62	6.98	94.92	10.04	≤ 29.20	Pass
11ac-VHT20	MCS0	149	5745	5.89	6.67	98.16	9.31	≤ 29.20	Pass
11ac-VHT20	MCS0	157	5785	5.53	6.22	98.16	8.90	≤ 29.20	Pass
11ac-VHT20	MCS0	165	5825	6.00	6.68	98.16	9.36	≤ 29.20	Pass
11ax-HE20	MCS0	149	5745	6.39	6.87	97.82	9.74	≤ 29.20	Pass
11ax-HE20	MCS0	157	5785	6.36	7.13	97.82	9.87	≤ 29.20	Pass
11ax-HE20	MCS0	165	5825	6.55	7.17	97.82	9.98	≤ 29.20	Pass

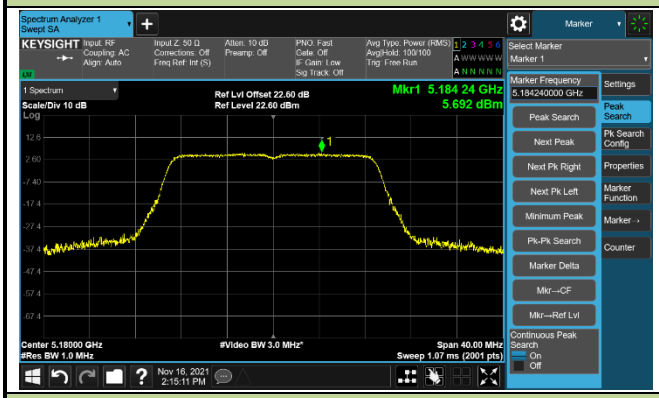
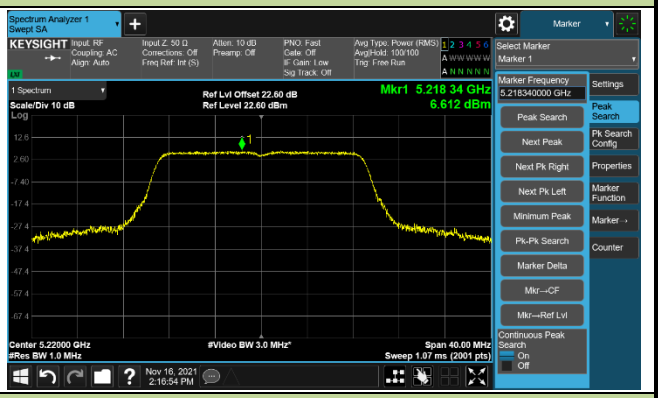
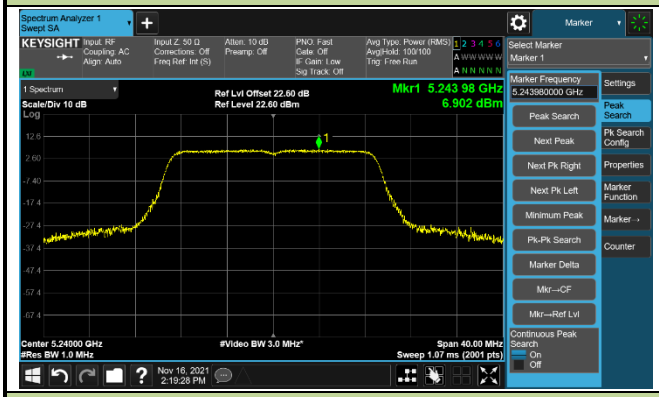
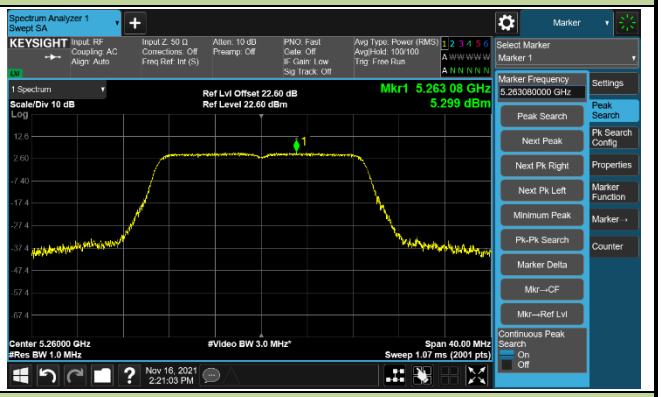
Note 1: When EUT duty cycle < 98%, Total PSD (dBm/500kHz) = 10*log {$10^{(\text{Ant 2 PSD}/10)}$ + $10^{(\text{Ant 3 PSD}/10)}$} (dBm/500kHz) + 10*log (1/Duty Cycle).

Note 2: PSD Limit = 30dBm/500kHz - (6.8dBi - 6dBi) = 29.2dBm/500kHz.

802.11a Power Spectral Density – Ant 2	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	

802.11a Power Spectral Density – Ant 2	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 140 (5700MHz)	Channel 144 (5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	

802.11a Power Spectral Density – Ant 2	
Channel 165 (5825MHz)	
	

802.11ac-VHT20 Power Spectral Density – Ant 2	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)