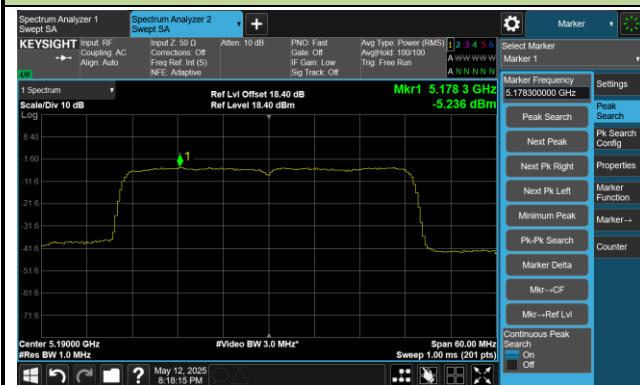
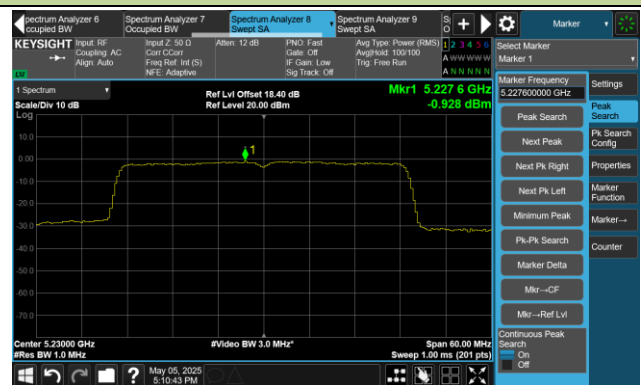


802.11ax-HE40 Power Spectral Density - Ant 3

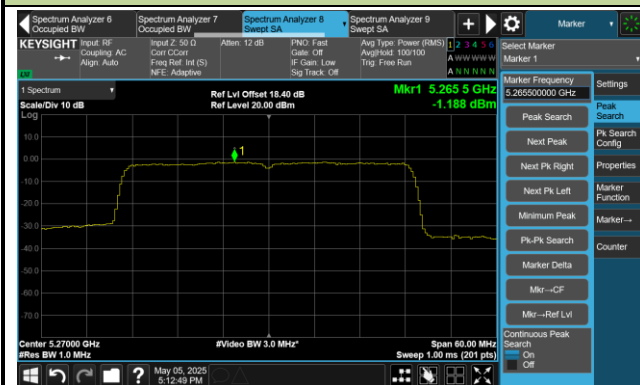
Channel 38 (5190MHz)



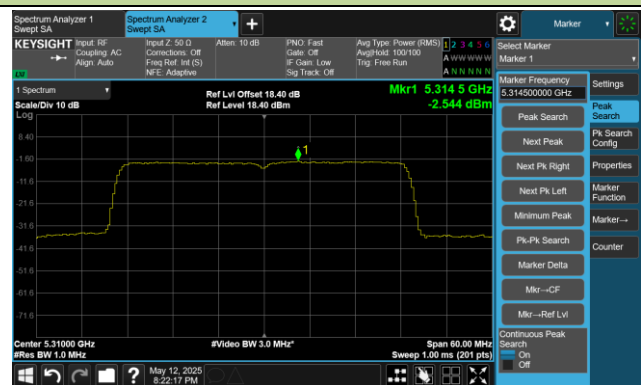
Channel 46 (5230MHz)



Channel 54 (5270MHz)



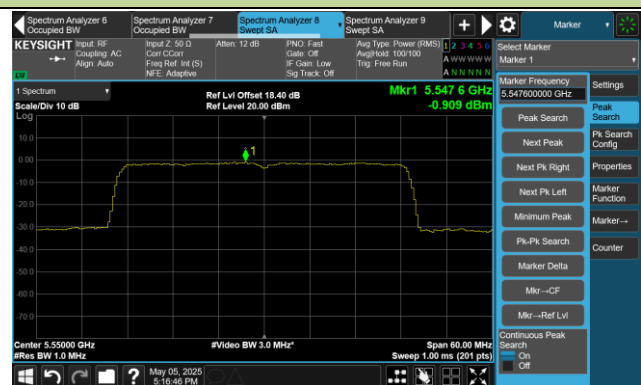
Channel 62 (5310MHz)



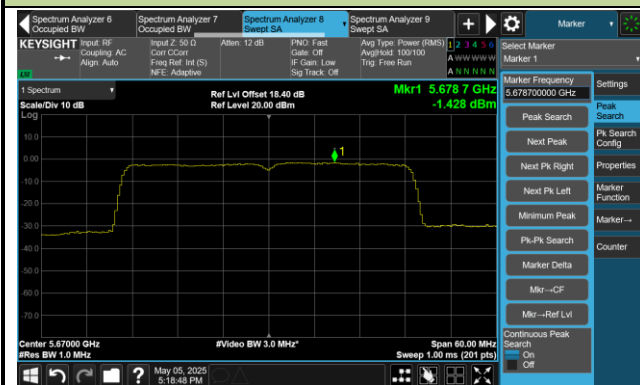
Channel 102 (5510MHz)



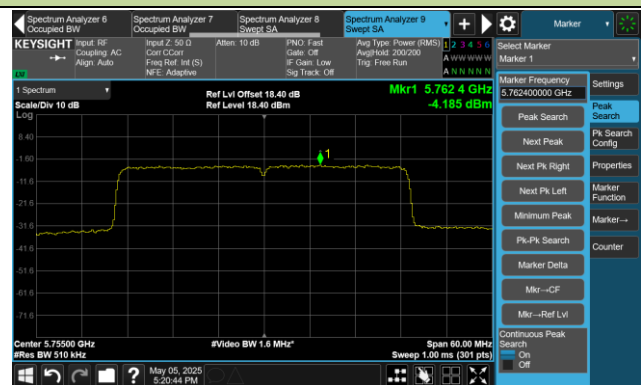
Channel 110 (5550MHz)



Channel 134 (5670MHz)



Channel 151 (5755MHz)



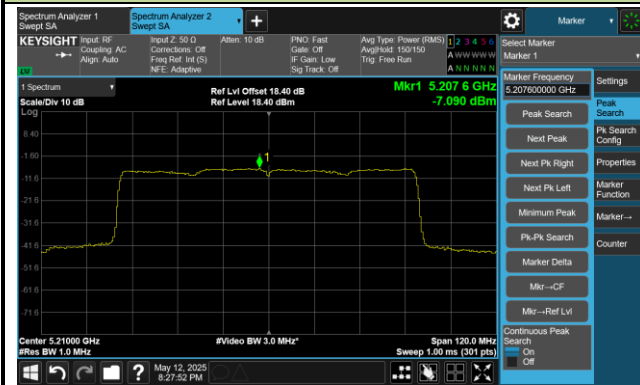
802.11ax-HE40 Power Spectral Density - Ant 3

Channel 159 (5795MHz)



802.11ax-HE80 Power Spectral Density - Ant 3

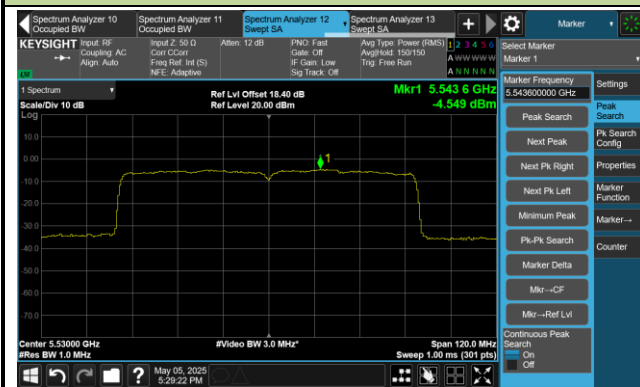
Channel 42 (5210MHz)



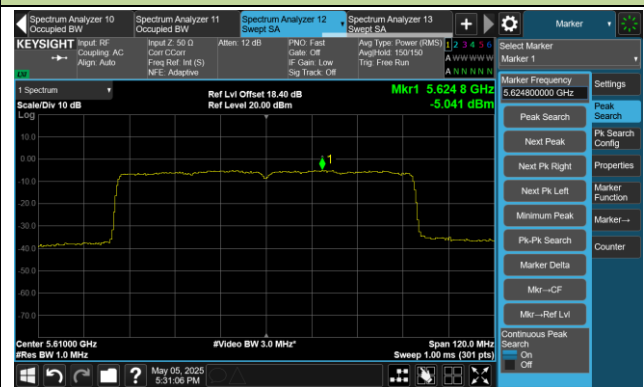
Channel 58 (5290MHz)



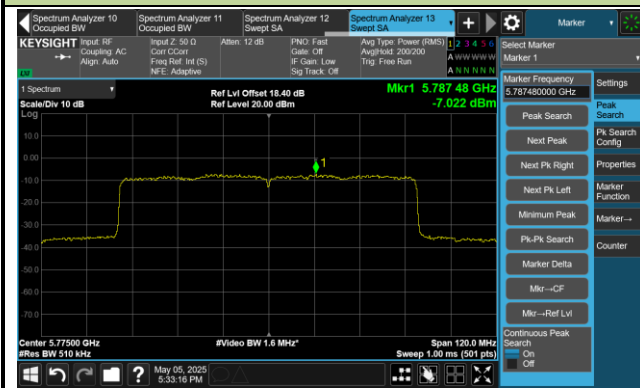
Channel 106 (5530MHz)



Channel 122 (5610MHz)

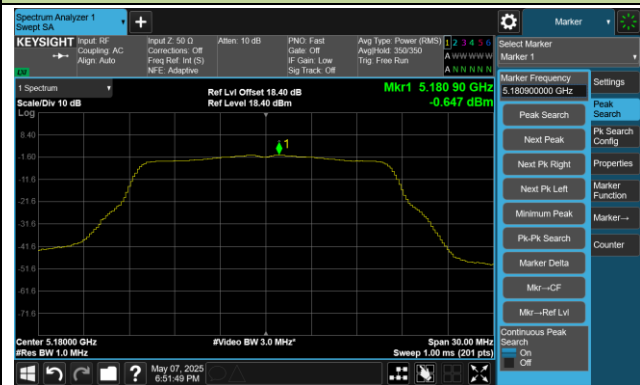


Channel 155 (5775MHz)



802.11a Power Spectral Density - Ant 2

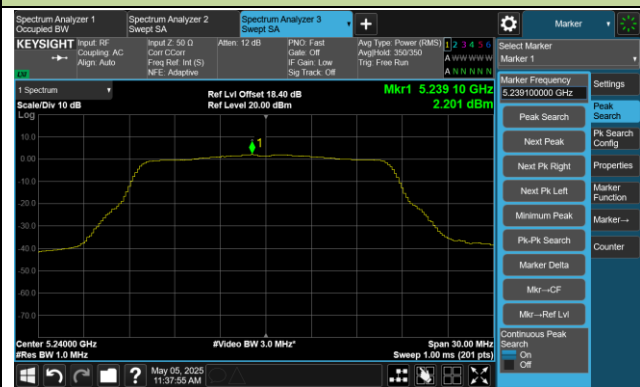
Channel 36 (5180MHz)



Channel 44 (5220MHz)



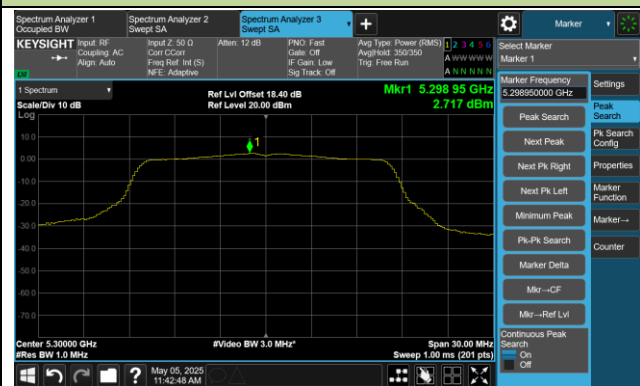
Channel 48 (5240MHz)



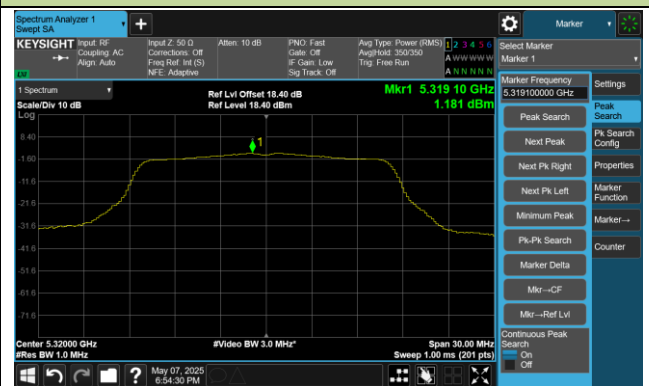
Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)

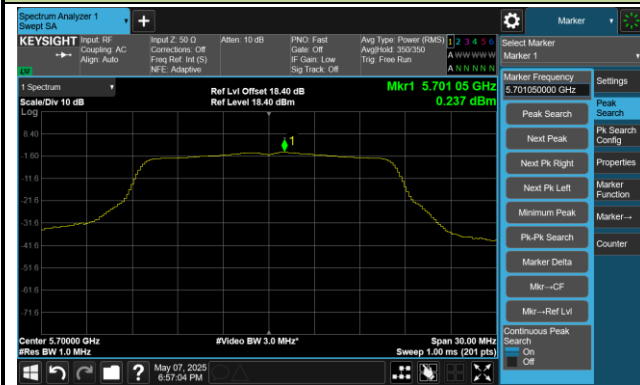


Channel 116 (5580MHz)



802.11a Power Spectral Density - Ant 2

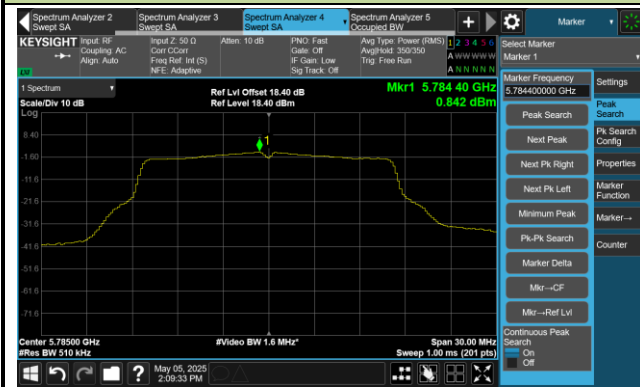
Channel 140 (5700MHz)



Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



802.11ac-VHT20 Power Spectral Density - Ant 2

Channel 36 (5180MHz)



Channel 44 (5220MHz)



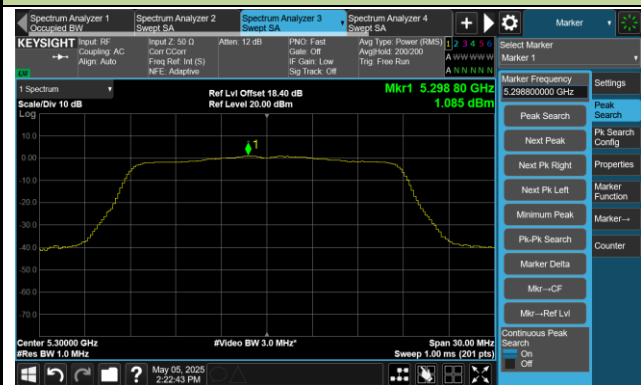
Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 116 (5580MHz)



802.11ac-VHT20 Power Spectral Density - Ant 2

Channel 140 (5700MHz)



Channel 149 (5745MHz)



Channel 157 (5785MHz)

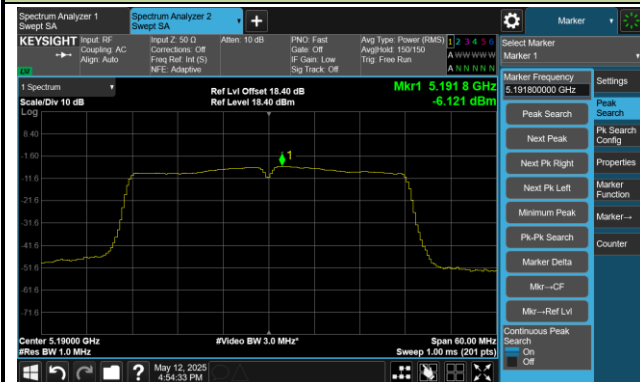


Channel 165 (5825MHz)

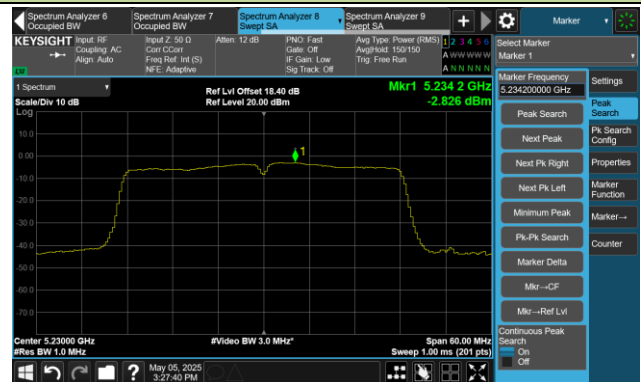


802.11ac-VHT40 Power Spectral Density - Ant 2

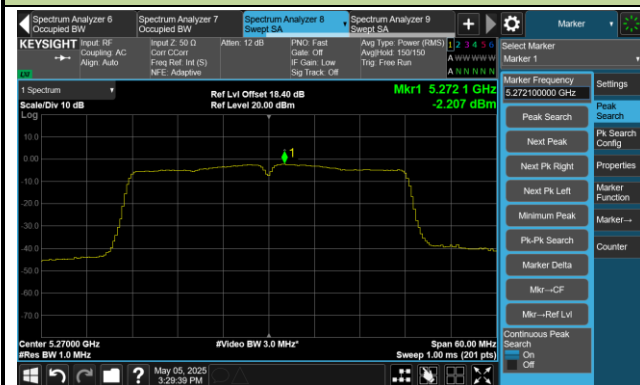
Channel 38 (5190MHz)



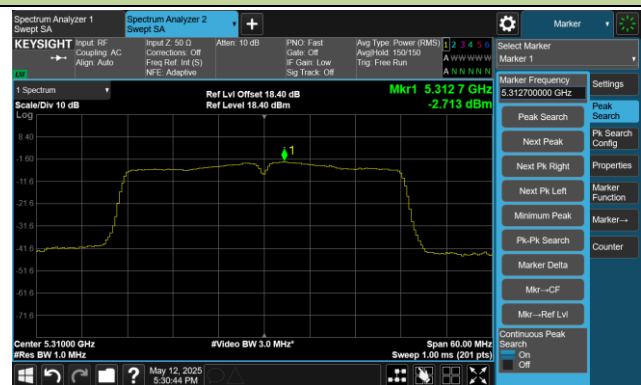
Channel 46 (5230MHz)



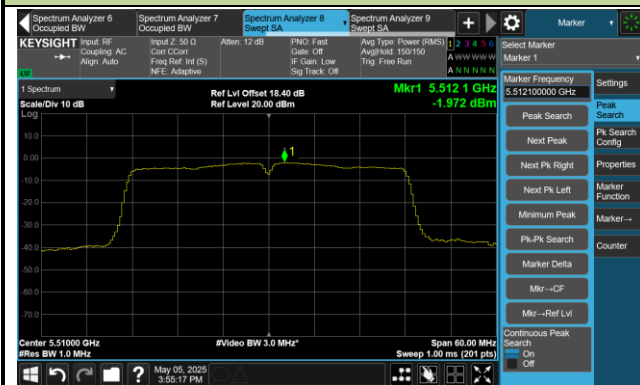
Channel 54 (5270MHz)



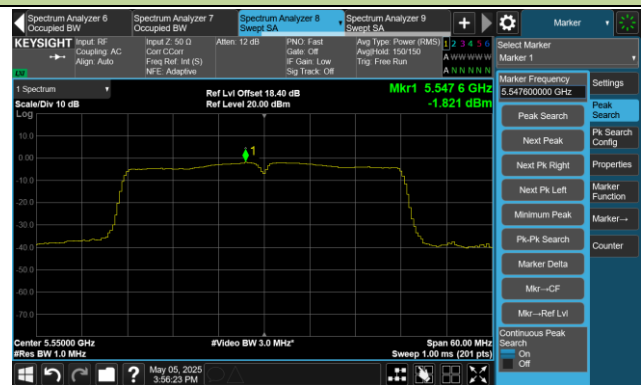
Channel 62 (5310MHz)



Channel 102 (5510MHz)



Channel 110 (5550MHz)



Channel 134 (5670MHz)



Channel 151 (5755MHz)



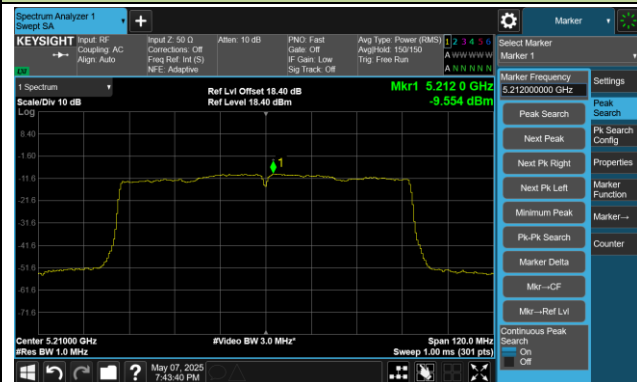
802.11ac-VHT40 Power Spectral Density - Ant 2

Channel 159 (5795MHz)

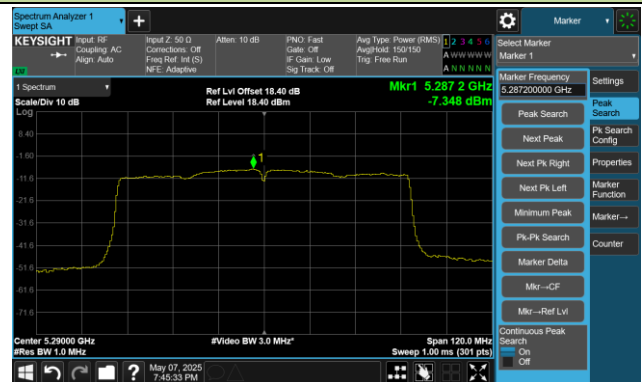


802.11ac-VHT80 Power Spectral Density - Ant 2

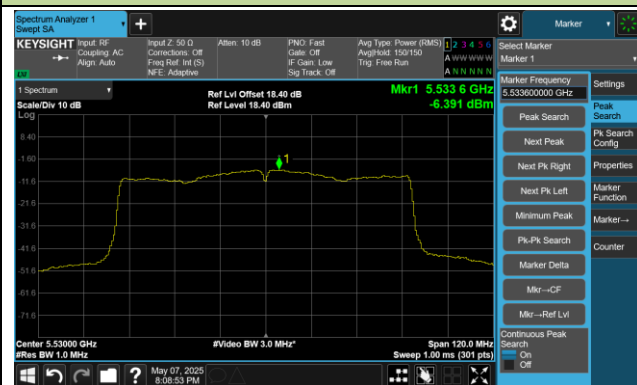
Channel 42 (5210MHz)



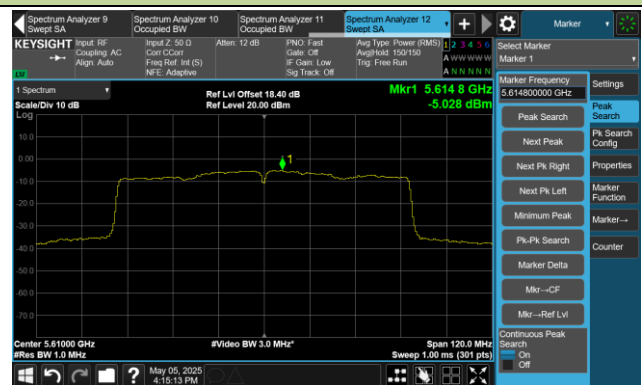
Channel 58 (5290MHz)



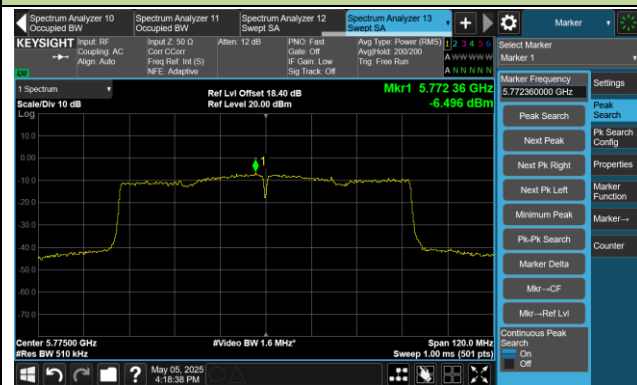
Channel 106 (5530MHz)



Channel 122 (5610MHz)

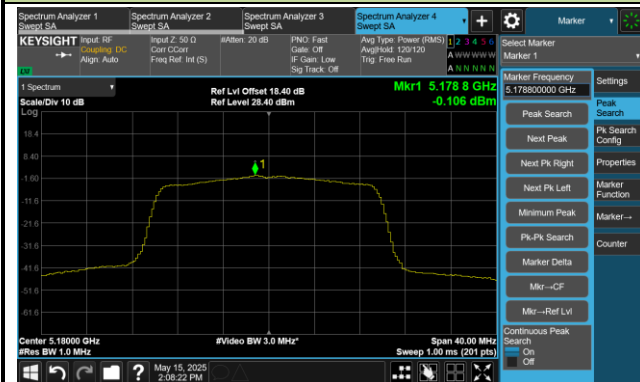


Channel 155 (5775MHz)

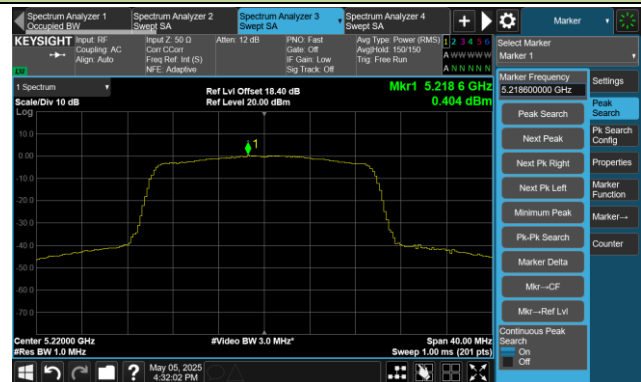


802.11ax-HE20 Power Spectral Density - Ant 2

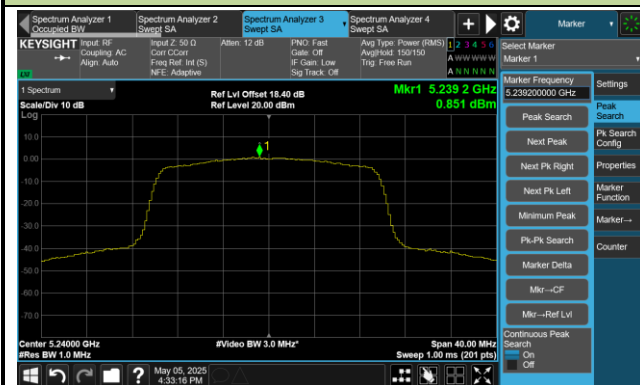
Channel 36 (5180MHz)



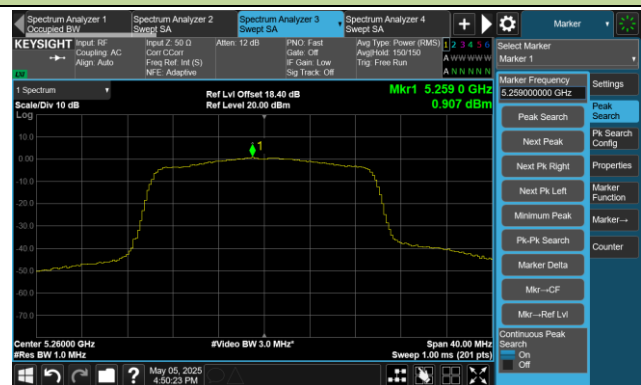
Channel 44 (5220MHz)



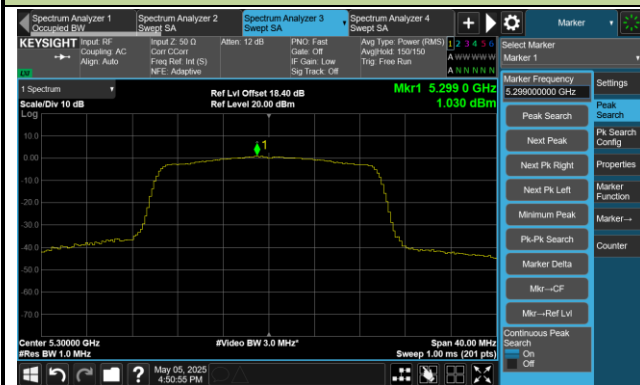
Channel 48 (5240MHz)



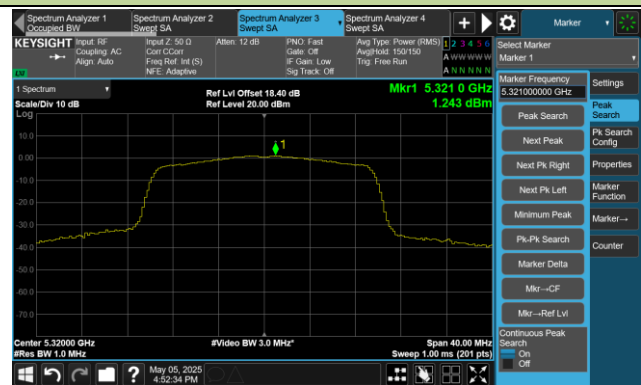
Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 116 (5580MHz)

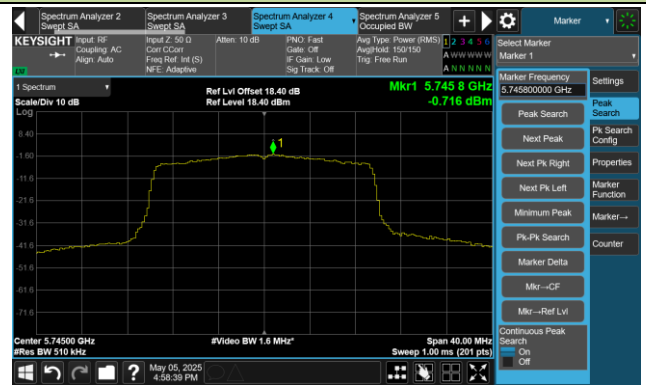


802.11ax-HE20 Power Spectral Density - Ant 2

Channel 140 (5700MHz)



Channel 149 (5745MHz)



Channel 157 (5785MHz)

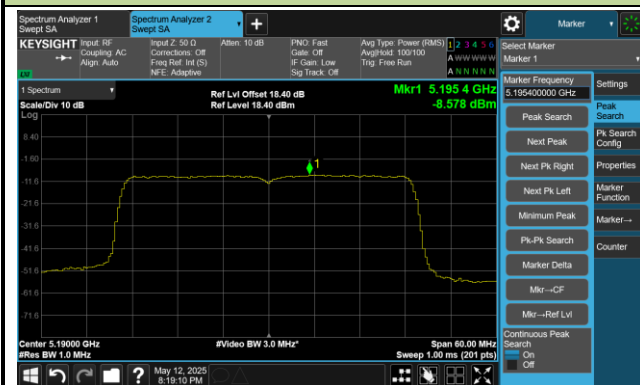


Channel 165 (5825MHz)



802.11ax-HE40 Power Spectral Density - Ant 2

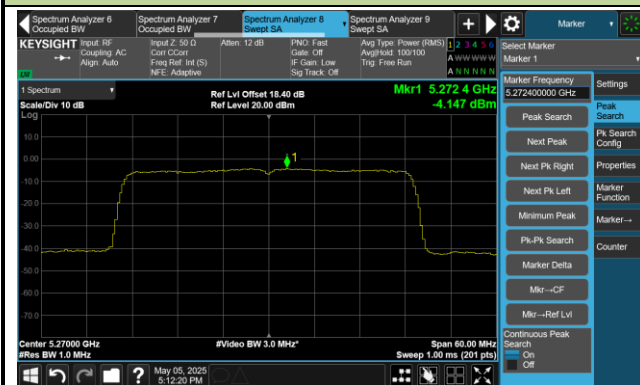
Channel 38 (5190MHz)



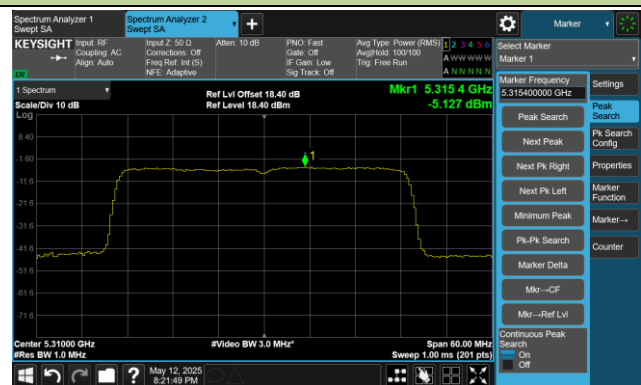
Channel 46 (5230MHz)



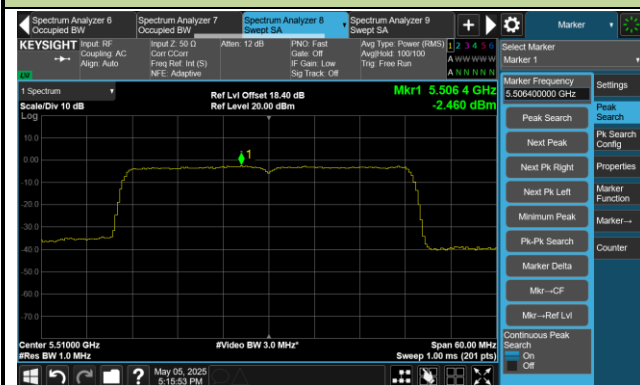
Channel 54 (5270MHz)



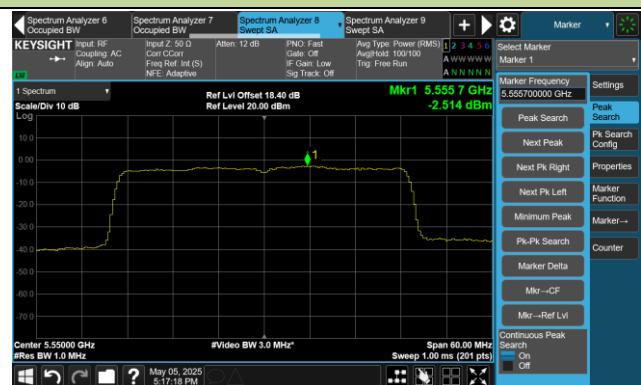
Channel 62 (5310MHz)



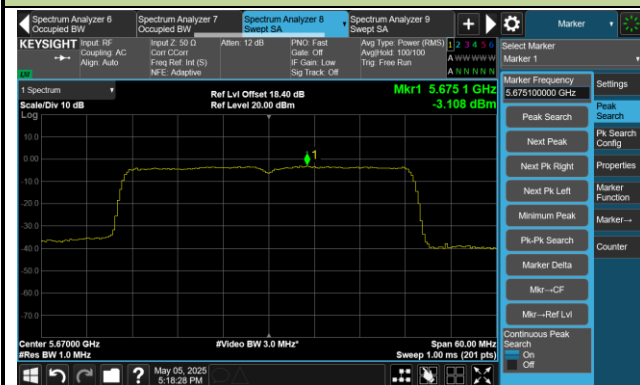
Channel 102 (5510MHz)



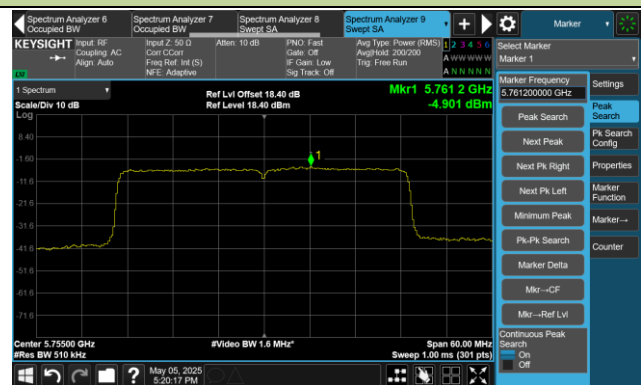
Channel 110 (5550MHz)



Channel 134 (5670MHz)



Channel 151 (5755MHz)



802.11ax-HE40 Power Spectral Density - Ant 2

Channel 159 (5795MHz)



802.11ax-HE80 Power Spectral Density - Ant 2

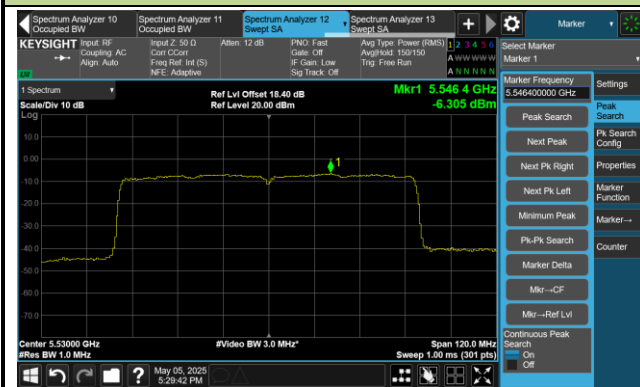
Channel 42 (5210MHz)



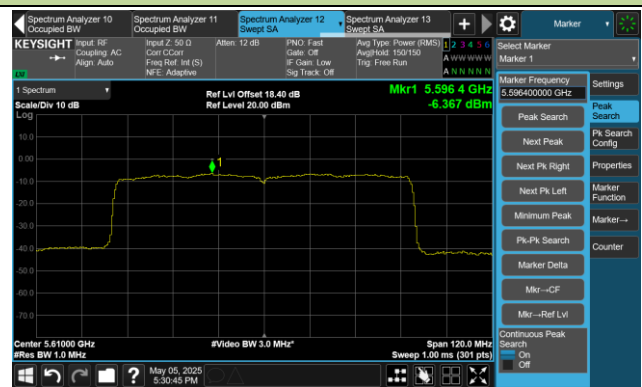
Channel 58 (5290MHz)



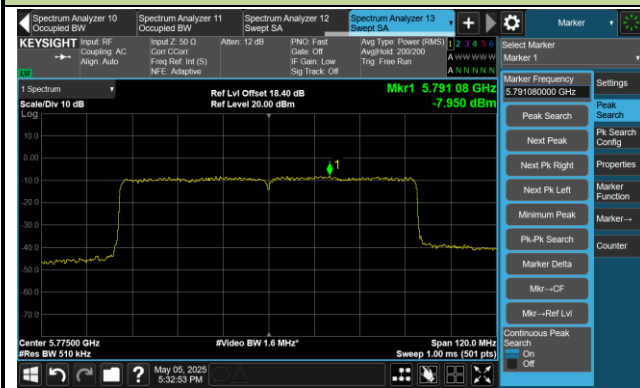
Channel 106 (5530MHz)



Channel 122 (5610MHz)



Channel 155 (5775MHz)



Partial RU

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2025-05-12 ~ 2025-05-16		
Test Item	Power Spectral Density (UNII-Band 1 & UNII-2a & UNII-2c)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	RU size / index	AVPSD (dBm/MHz)		Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)
					Ant 3	Ant 2			
11ax-HE20	MCS0	36	5180	RU26/0	1.645	-1.049	72.17	4.930	≤ 11.00
				RU52/37	0.596	-2.863	72.17	3.629	≤ 11.00
				RU106/53	0.722	-2.036	72.17	3.985	≤ 11.00
				RU242/61	-1.041	-2.936	72.17	2.541	≤ 11.00
		44	5220	RU26/4	2.731	-0.723	72.17	5.765	≤ 11.00
				RU52/38	2.594	-0.349	72.17	5.794	≤ 11.00
				RU106/53	2.697	-0.264	72.17	5.891	≤ 11.00
				RU242/61	0.736	-1.792	72.17	4.080	≤ 11.00
		48	5240	RU26/8	2.809	-0.025	72.17	6.046	≤ 11.00
				RU52/40	2.892	0.746	72.17	6.377	≤ 11.00
				RU106/54	3.170	-0.247	72.17	6.216	≤ 11.00
				RU242/61	1.537	-1.611	72.17	4.669	≤ 11.00
		52	5260	RU26/0	3.150	-0.615	72.17	6.090	≤ 11.00
				RU52/37	2.744	0.484	72.17	6.186	≤ 11.00
				RU106/53	2.341	-0.466	72.17	5.587	≤ 11.00
				RU242/61	1.282	-1.555	72.17	4.518	≤ 11.00
		60	5300	RU26/4	3.083	-1.174	72.17	5.883	≤ 11.00
				RU52/38	2.925	-0.635	72.17	5.927	≤ 11.00
				RU106/53	2.545	-0.092	72.17	5.850	≤ 11.00
				RU242/61	1.491	-1.437	72.17	4.696	≤ 11.00
		64	5320	RU26/8	3.655	-0.469	72.17	6.492	≤ 11.00
				RU52/40	3.269	-0.067	72.17	6.340	≤ 11.00
				RU106/54	0.555	-2.012	72.17	3.885	≤ 11.00
				RU242/61	-0.272	-3.186	72.17	2.938	≤ 11.00
		100	5500	RU26/0	2.366	0.177	72.17	5.835	≤ 10.89
				RU52/37	2.203	-0.446	72.17	5.504	≤ 10.89
				RU106/53	1.618	0.376	72.17	5.468	≤ 10.89
				RU242/61	0.485	-0.912	72.17	4.269	≤ 10.89

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	RU size / index	AVPSD (dBm/MHz)		Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)
					Ant 3	Ant 2			
11ax-HE20	MCS0	116	5580	RU26/4	3.557	1.242	72.17	6.979	≤ 10.89
				RU52/38	3.144	0.729	72.17	6.529	≤ 10.89
				RU106/53	3.280	1.427	72.17	6.878	≤ 10.89
				RU242/61	0.710	-1.245	72.17	4.268	≤ 10.89
		140	5700	RU26/8	2.249	0.216	72.17	5.777	≤ 10.89
				RU52/40	2.526	0.262	72.17	5.967	≤ 10.89
				RU106/54	2.516	0.564	72.17	6.075	≤ 10.89
				RU242/61	-0.745	-2.069	72.17	3.070	≤ 10.89
11ax-HE40	MCS0	38	5190	RU484/65	-8.833	-11.513	35.19	-2.423	≤ 11.00
		46	5230	RU484/65	-4.101	-6.403	35.19	2.445	≤ 11.00
		54	5270	RU484/65	-4.525	-7.124	35.19	1.913	≤ 11.00
		62	5310	RU484/65	-6.125	-8.139	35.19	0.530	≤ 11.00
		102	5510	RU484/65	-6.710	-7.437	35.19	0.488	≤ 10.89
		110	5550	RU484/65	-3.668	-5.897	35.19	2.905	≤ 10.89
		134	5670	RU484/65	-4.075	-6.417	35.19	2.456	≤ 10.89
11ax-HE80	MCS0	42	5210	RU996/67	-7.265	-10.839	56.23	-3.184	≤ 11.00
		58	5290	RU996/67	-6.810	-9.357	56.23	-2.389	≤ 11.00
		106	5530	RU996/67	-6.790	-8.069	56.23	-1.872	≤ 10.89
		122	5610	RU996/67	-5.671	-7.156	56.23	-0.840	≤ 10.89

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