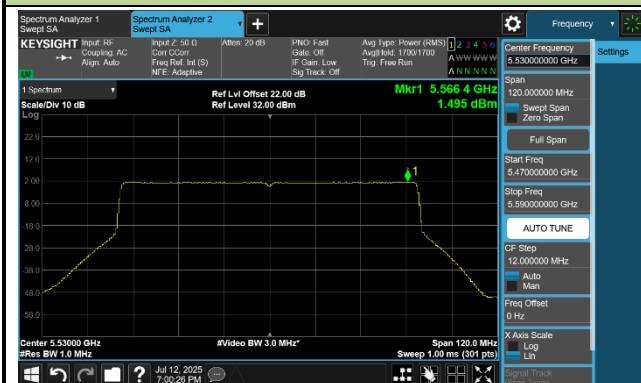
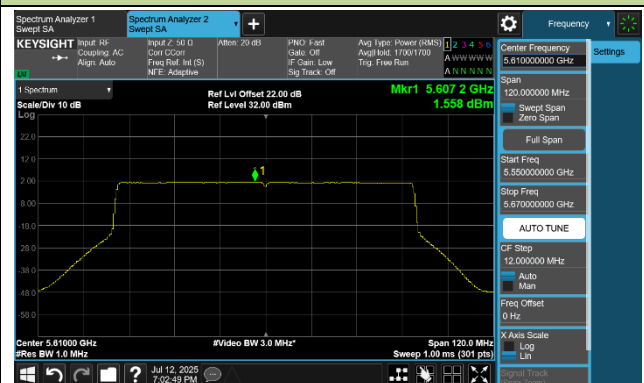


802.11be-EHT80 Power Spectral Density- Ant 0

Channel 106 (5530 MHz)



Channel 122 (5610 MHz)



Channel 138 (5690 MHz)

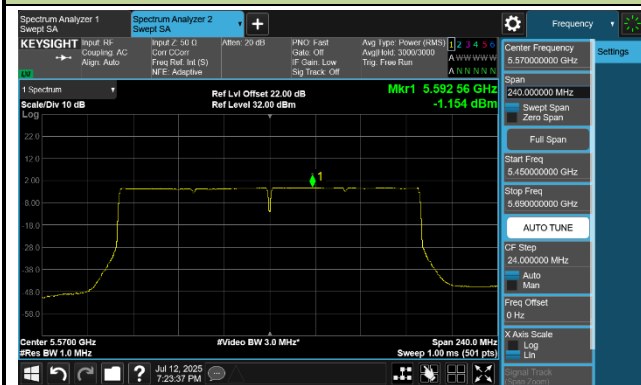


Channel 155 (5775 MHz)



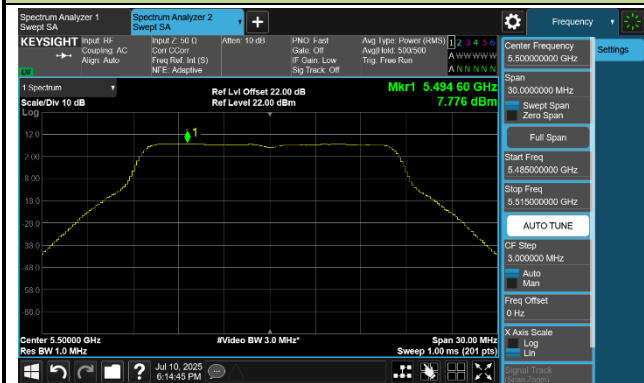
802.11be-EHT160 Power Spectral Density- Ant 0

Channel 114 (5570 MHz)

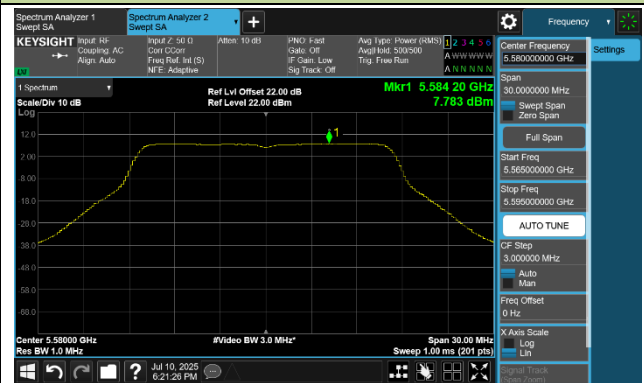


802.11a Power Spectral Density- Ant 1

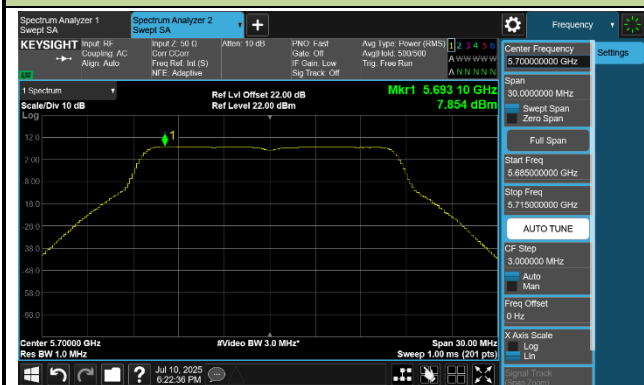
Channel 100 (5500 MHz)



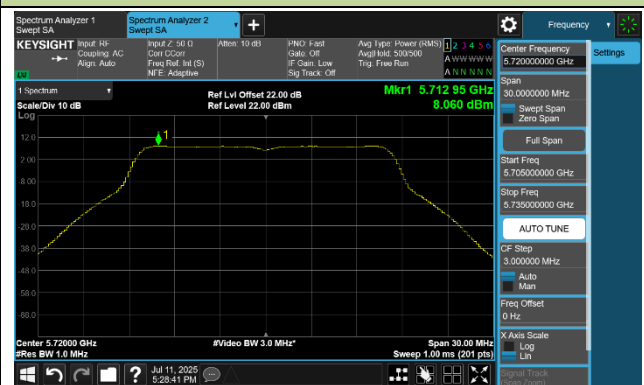
Channel 116 (5580 MHz)



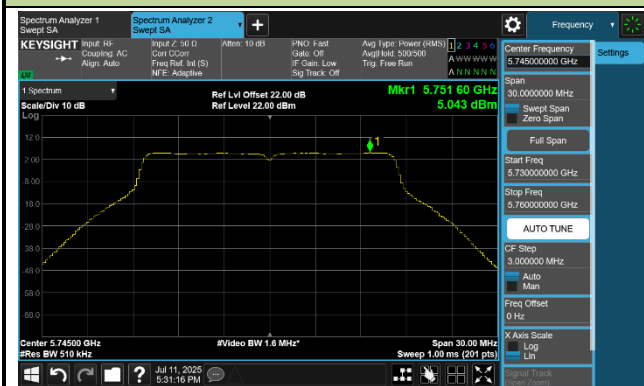
Channel 140 (5700 MHz)



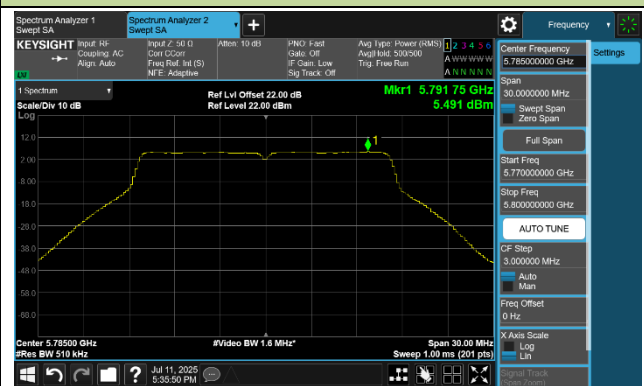
Channel 144 (5720 MHz)



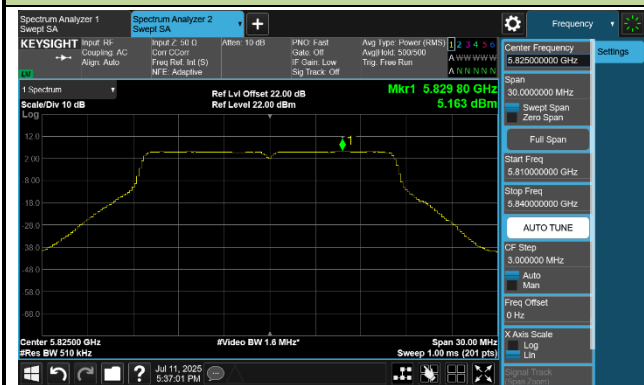
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

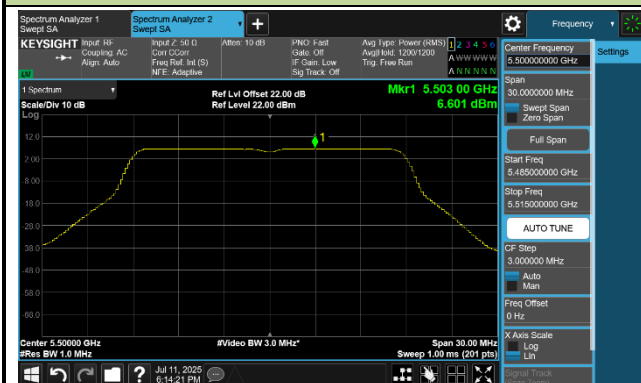


Channel 165 (5825 MHz)

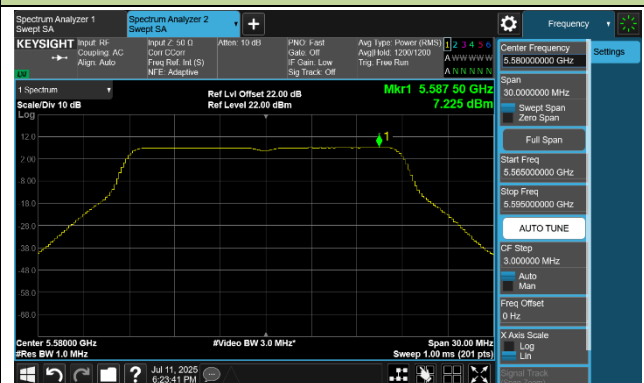


802.11ac-VHT20 Power Spectral Density- Ant 1

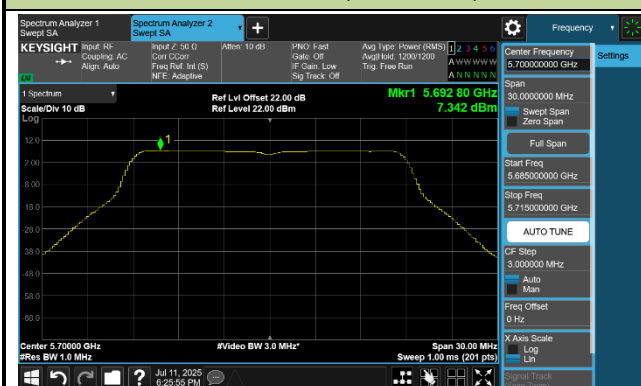
Channel 100 (5500 MHz)



Channel 116 (5580 MHz)



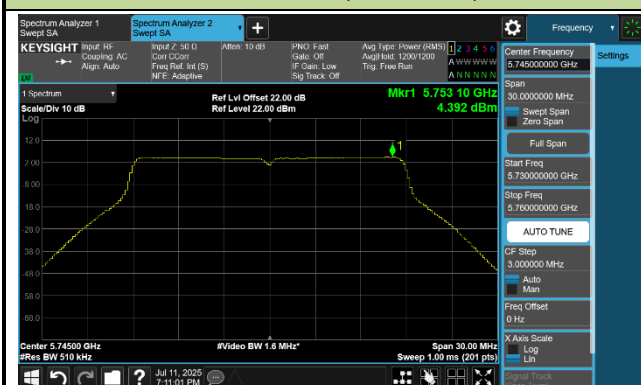
Channel 140 (5700 MHz)



Channel 144 (5720 MHz)



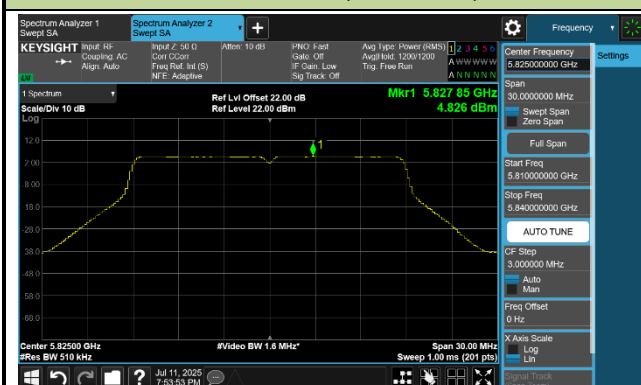
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

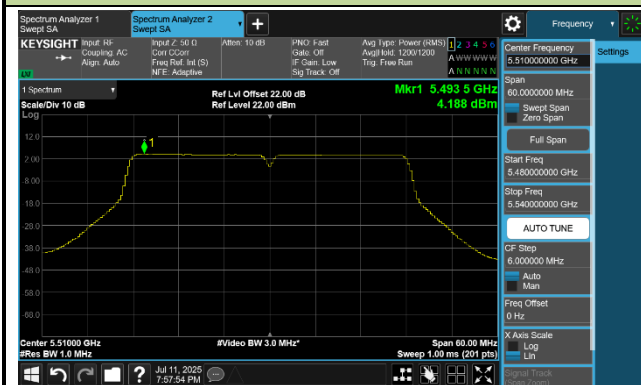


Channel 165 (5825 MHz)

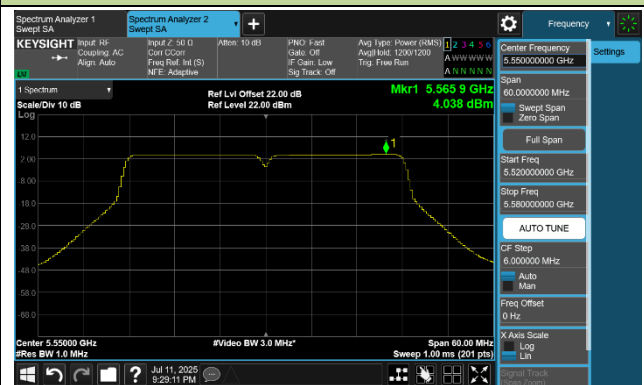


802.11ac-VHT40 Power Spectral Density- Ant 1

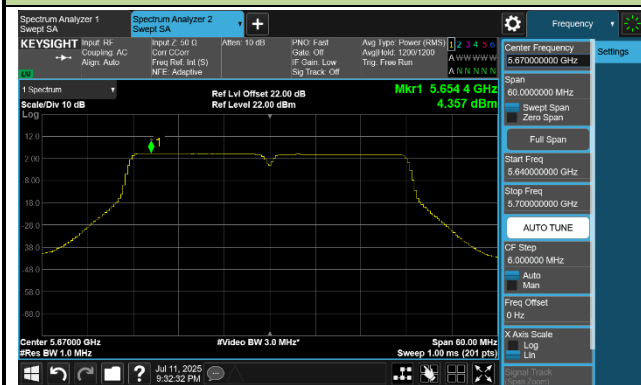
Channel 102 (5510 MHz)



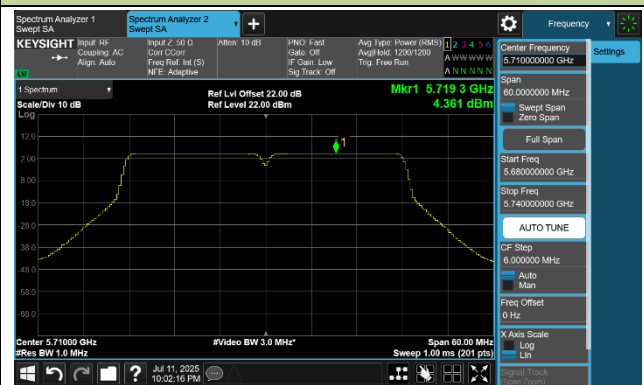
Channel 110 (5550 MHz)



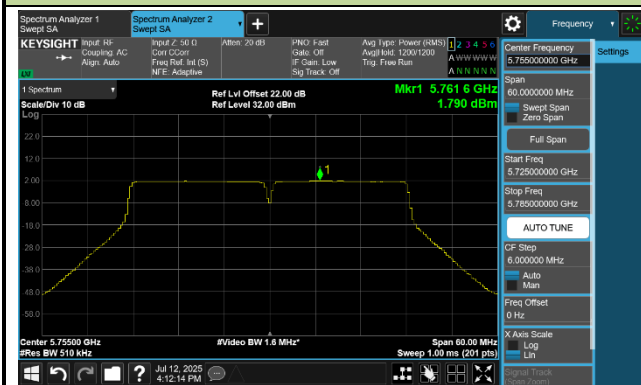
Channel 134 (5670 MHz)



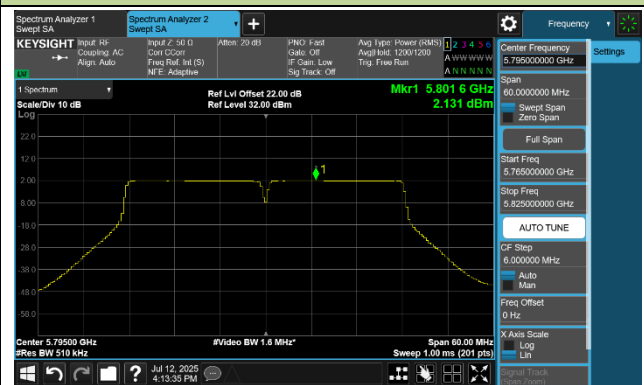
Channel 142 (5710 MHz)



Channel 151 (5755 MHz)

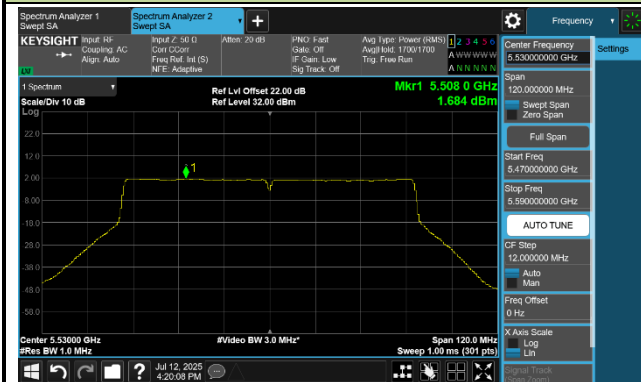


Channel 159 (5795 MHz)

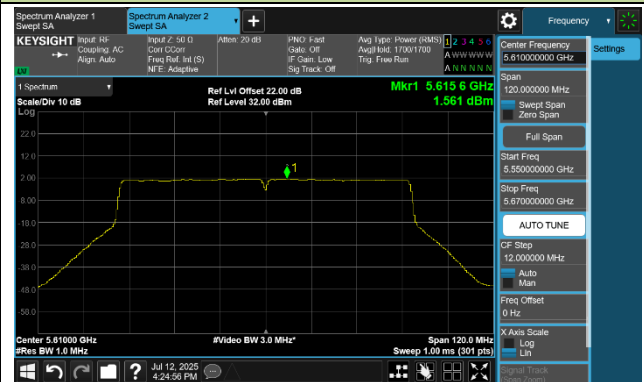


802.11ac-VHT80 Power Spectral Density- Ant 1

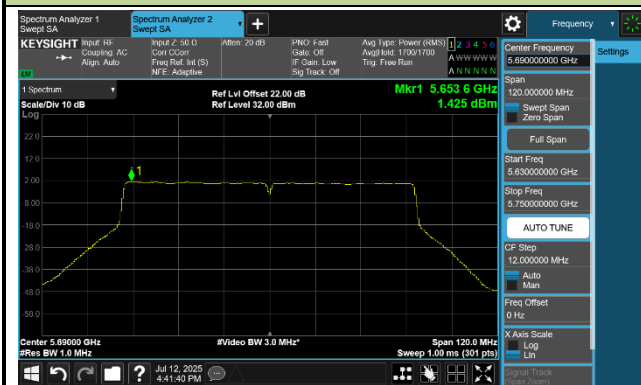
Channel 106 (5530 MHz)



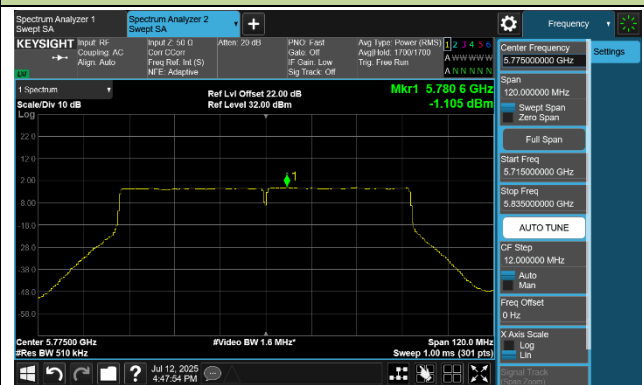
Channel 122 (5610 MHz)



Channel 138 (5690 MHz)

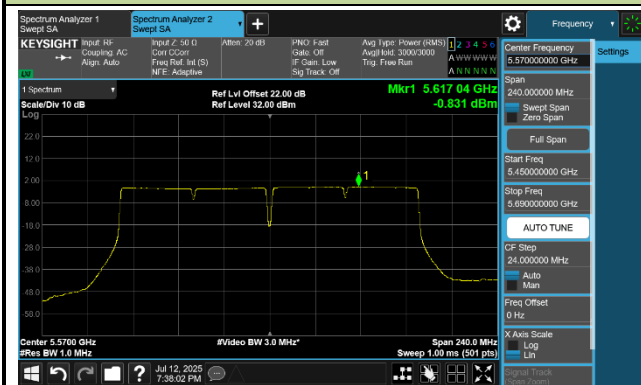


Channel 155 (5775 MHz)



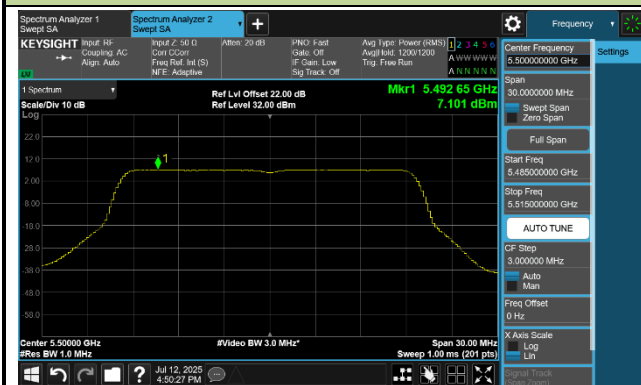
802.11ac-VHT160 Power Spectral Density- Ant 1

Channel 114 (5570 MHz)

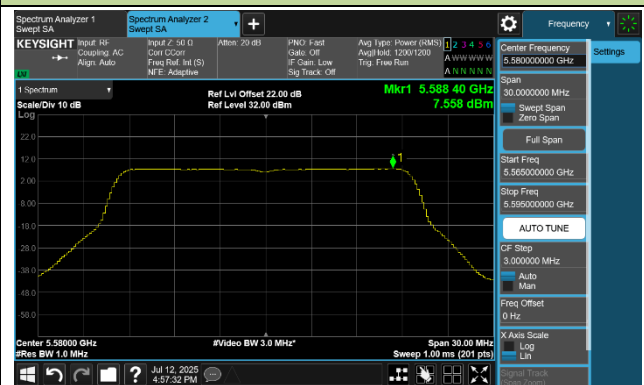


802.11ax-HE20 Power Spectral Density- Ant 1

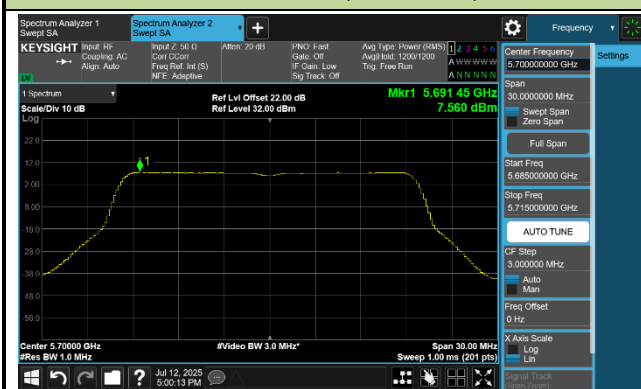
Channel 100 (5500 MHz)



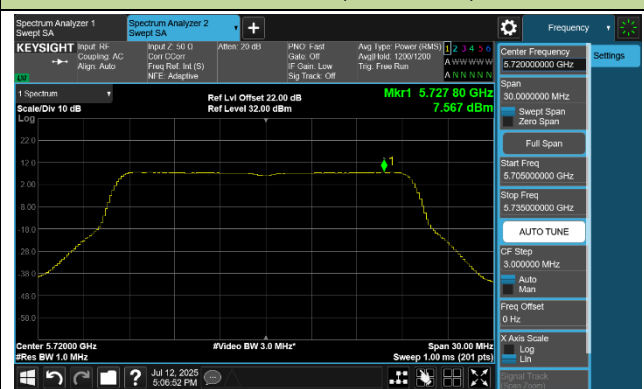
Channel 116 (5580 MHz)



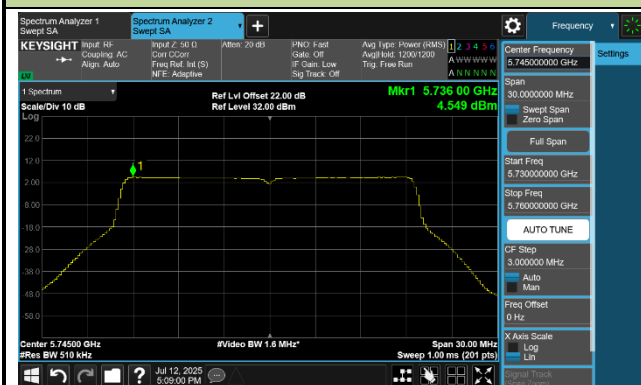
Channel 140 (5700 MHz)



Channel 144 (5720 MHz)



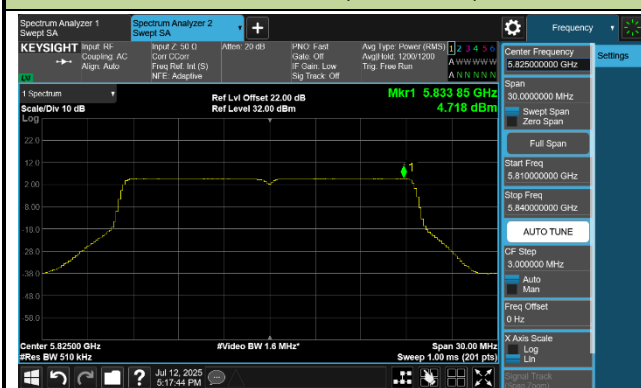
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

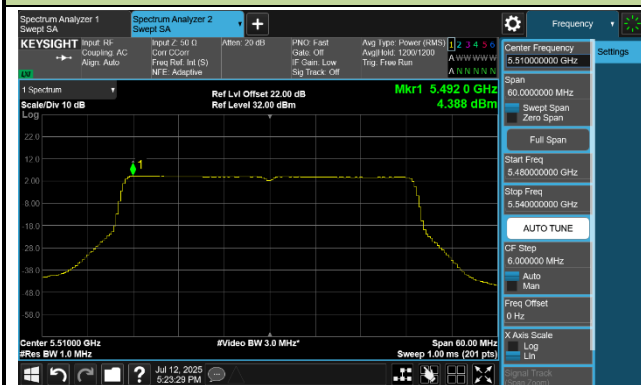


Channel 165 (5825 MHz)

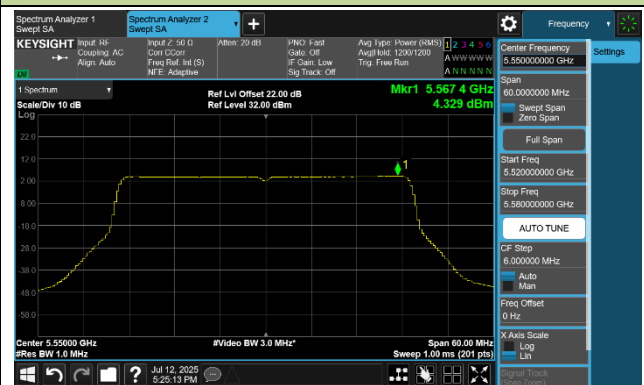


802.11ax-HE40 Power Spectral Density- Ant 1

Channel 102 (5510 MHz)



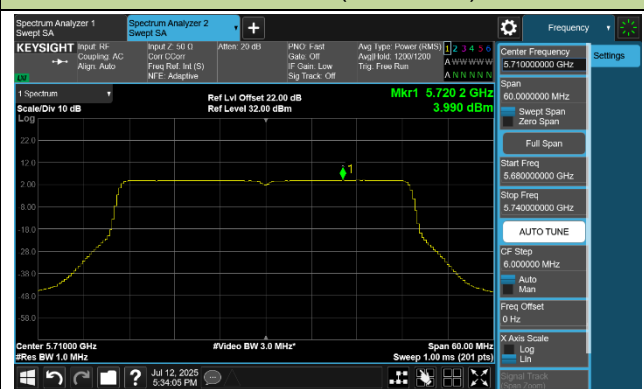
Channel 110 (5550 MHz)



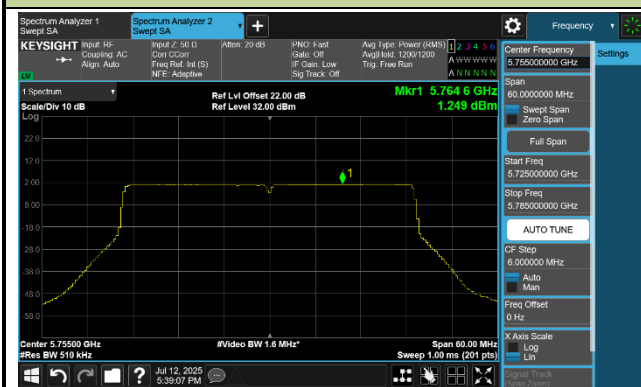
Channel 134 (5670 MHz)



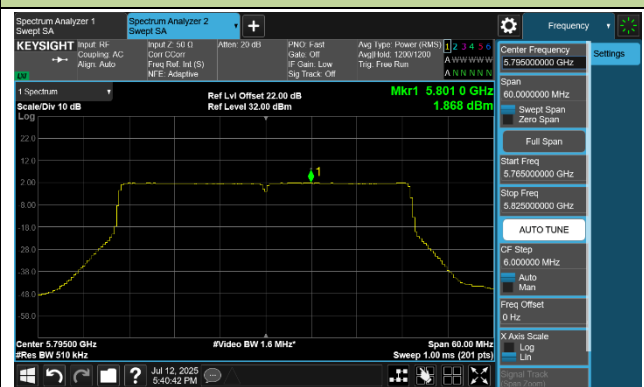
Channel 142 (5710 MHz)



Channel 151 (5755 MHz)

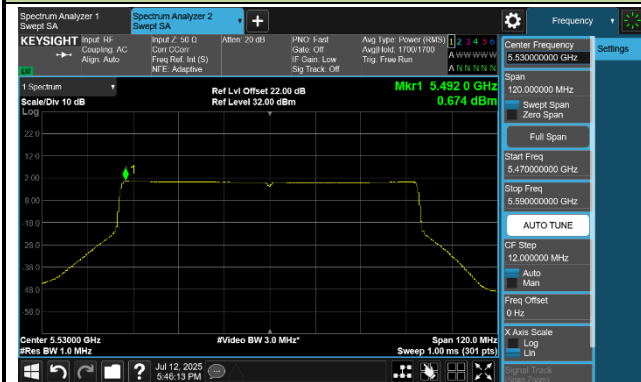


Channel 159 (5795 MHz)

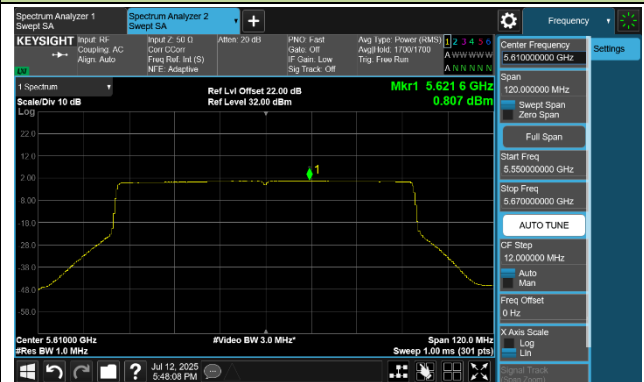


802.11ax-HE80 Power Spectral Density- Ant 1

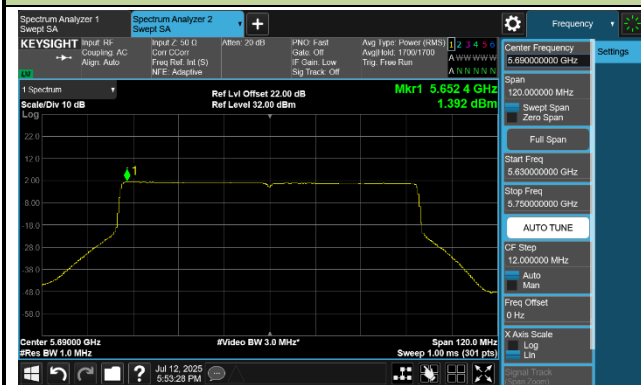
Channel 106 (5530 MHz)



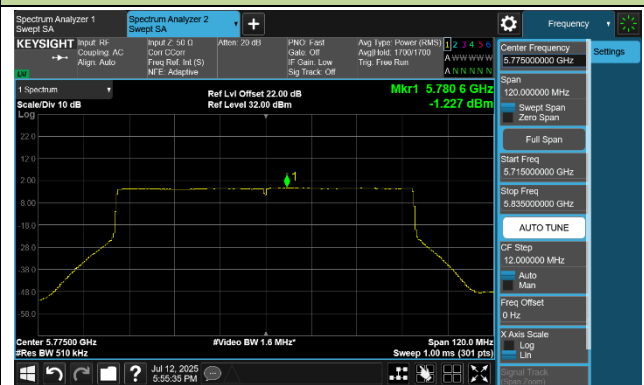
Channel 122 (5610 MHz)



Channel 138 (5690 MHz)

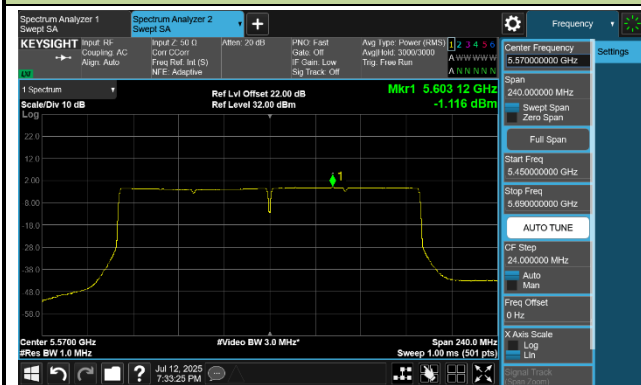


Channel 155 (5775 MHz)



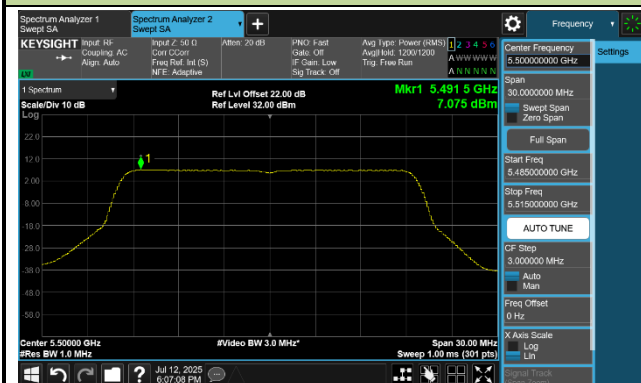
802.11ax-HE160 Power Spectral Density- Ant 1

Channel 114 (5570 MHz)

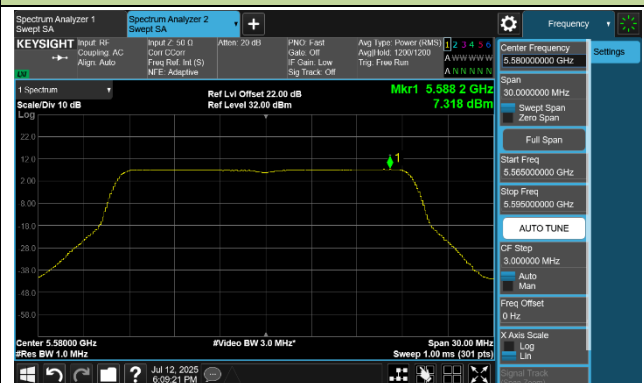


802.11be-EHT20 Power Spectral Density- Ant 1

Channel 100 (5500 MHz)



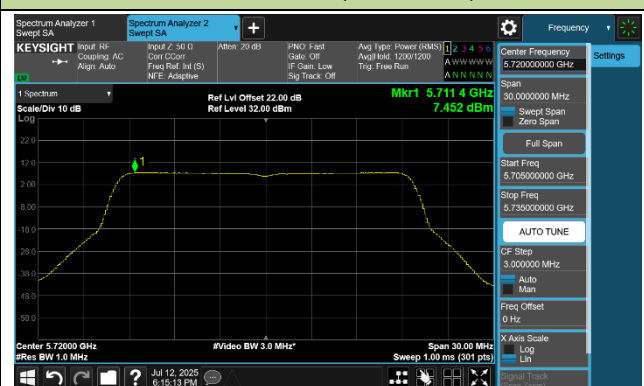
Channel 116 (5580 MHz)



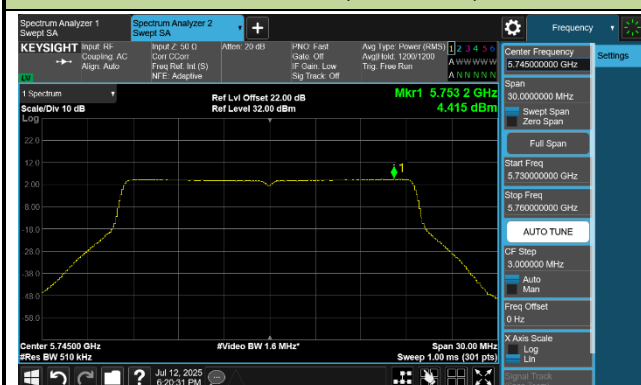
Channel 140 (5700 MHz)



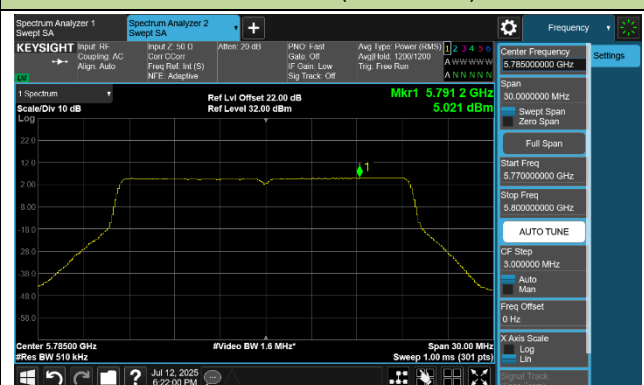
Channel 144 (5720 MHz)



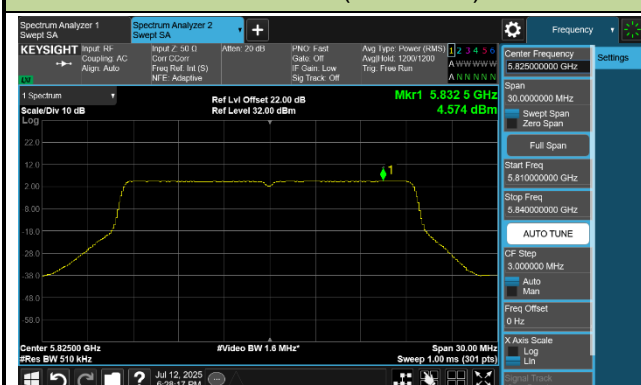
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

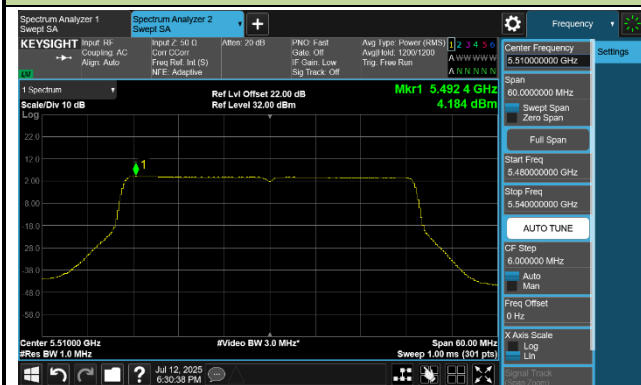


Channel 165 (5825 MHz)

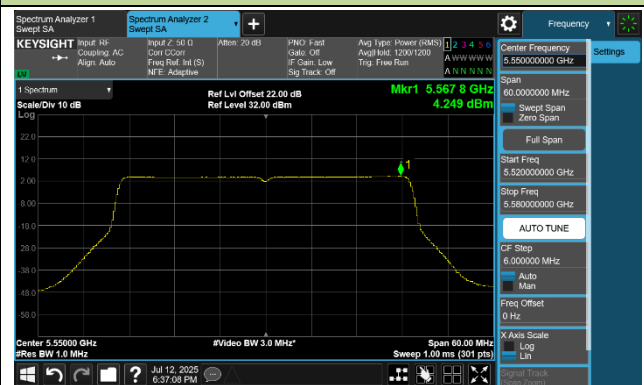


802.11be-EHT40 Power Spectral Density- Ant 1

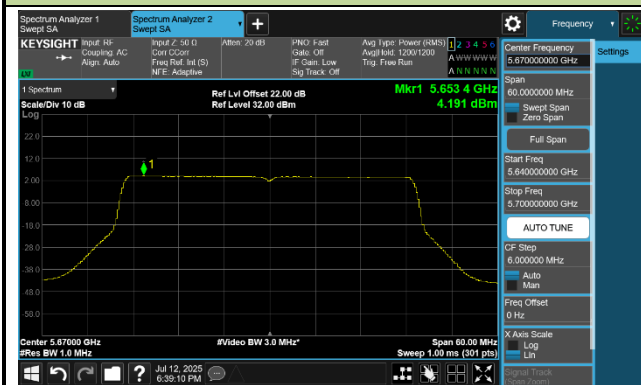
Channel 102 (5510 MHz)



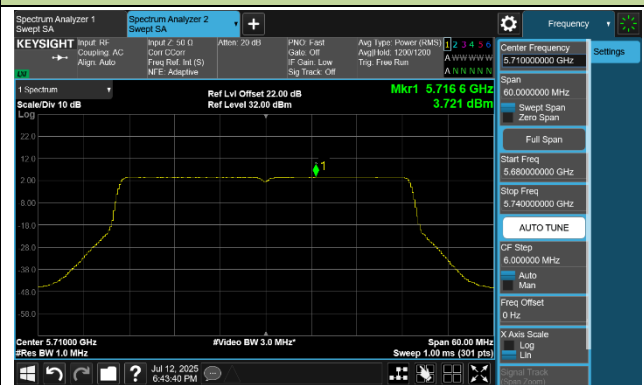
Channel 110 (5550 MHz)



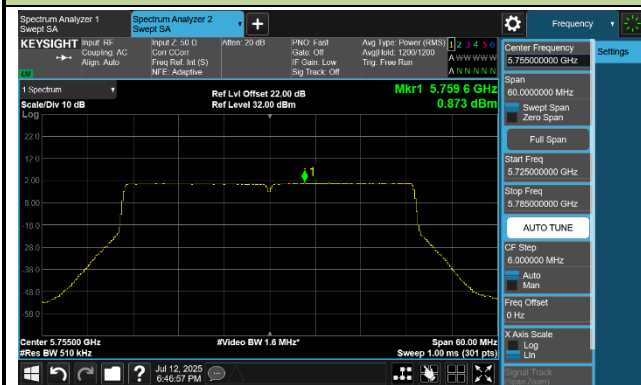
Channel 134 (5670 MHz)



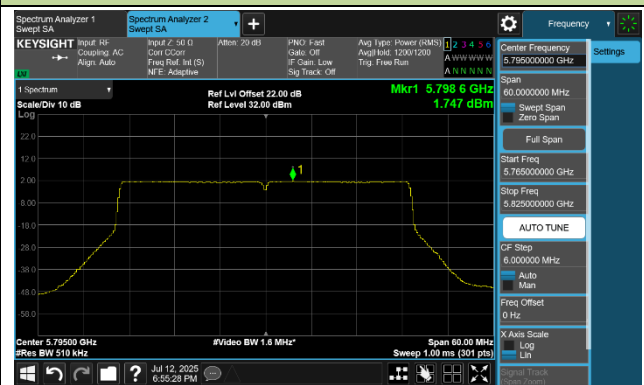
Channel 142 (5710 MHz)



Channel 151 (5755 MHz)

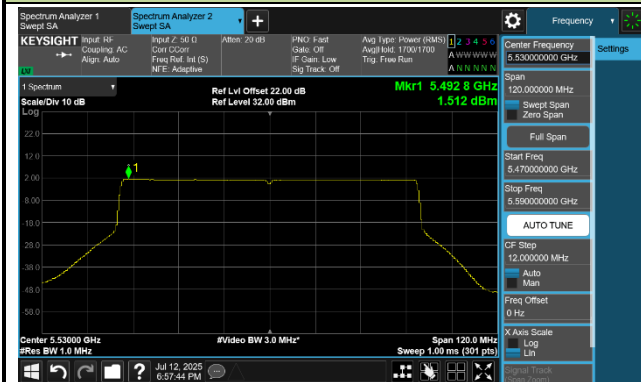


Channel 159 (5795 MHz)

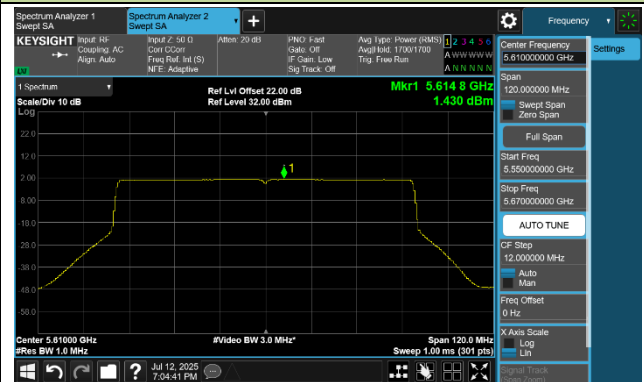


802.11be-EHT80 Power Spectral Density- Ant 1

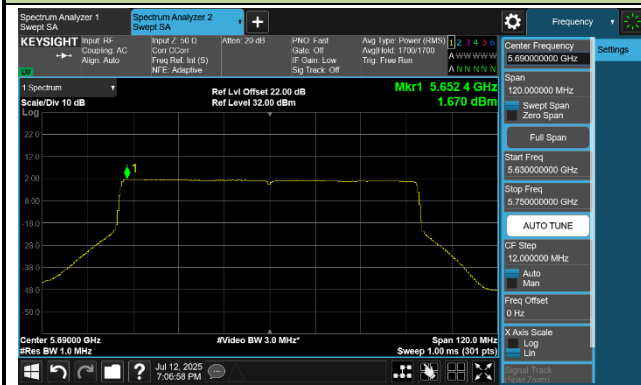
Channel 106 (5530 MHz)



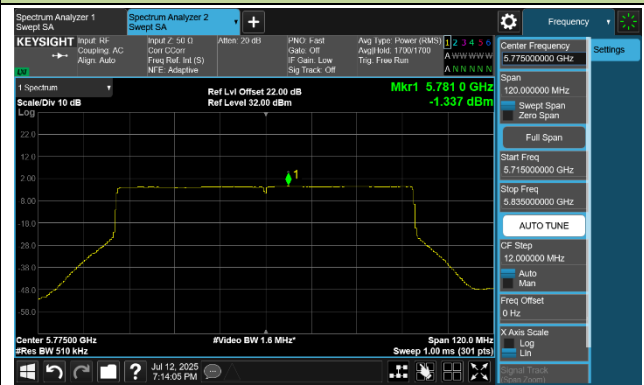
Channel 122 (5610 MHz)



Channel 138 (5690 MHz)

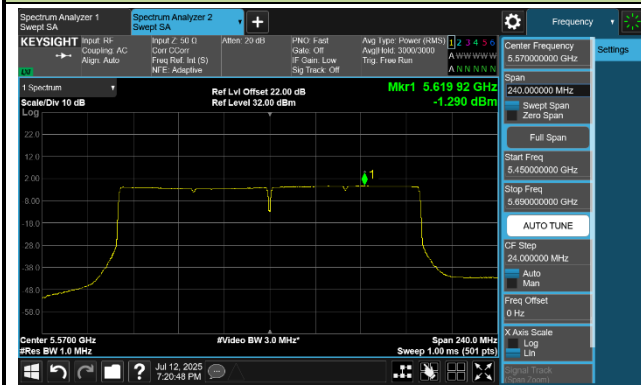


Channel 155 (5775 MHz)



802.11be-EHT160 Power Spectral Density- Ant 1

Channel 114 (5570 MHz)



AP571e - WLAN Config 1

Test Site	SIP-TR1	Test Engineer	Nolan Chen
Test Date	2025-07-05 ~ 2025-08-20		
Test Item	Power Spectral Density (UNII-Band 1 & UNII-2a & UNII-2c)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)		Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 0	Ant 1			
11a	6 Mbps	36	5180	3.780	4.832	99.10	7.348	≤ 17.0
11a	6 Mbps	44	5220	4.103	4.284	99.10	7.205	≤ 17.0
11a	6 Mbps	48	5240	4.389	4.888	99.10	7.656	≤ 17.0
11a	6 Mbps	52	5260	7.652	7.853	99.10	10.764	≤ 11.0
11a	6 Mbps	60	5300	7.641	7.763	99.10	10.713	≤ 11.0
11a	6 Mbps	64	5320	7.525	7.489	99.10	10.517	≤ 11.0
11a	6 Mbps	100	5500	7.659	7.957	99.10	10.821	≤ 11.0
11a	6 Mbps	116	5580	7.348	7.691	99.10	10.533	≤ 11.0
11a	6 Mbps	140	5700	7.174	7.675	99.10	10.442	≤ 11.0
11a	6 Mbps	144	5720	7.264	7.671	99.10	10.483	≤ 11.0
11ac-VHT20	MCS0	36	5180	3.259	3.698	97.67	6.597	≤ 17.0
11ac-VHT20	MCS0	44	5220	3.573	3.360	97.67	6.580	≤ 17.0
11ac-VHT20	MCS0	48	5240	3.727	3.989	97.67	6.973	≤ 17.0
11ac-VHT20	MCS0	52	5260	7.461	7.679	97.67	10.684	≤ 11.0
11ac-VHT20	MCS0	60	5300	7.416	8.070	97.67	10.868	≤ 11.0
11ac-VHT20	MCS0	64	5320	7.619	7.693	97.67	10.769	≤ 11.0
11ac-VHT20	MCS0	100	5500	7.349	7.634	97.67	10.607	≤ 11.0
11ac-VHT20	MCS0	116	5580	7.414	7.812	97.67	10.730	≤ 11.0
11ac-VHT20	MCS0	140	5700	7.398	7.851	97.67	10.743	≤ 11.0
11ac-VHT20	MCS0	144	5720	7.461	7.770	97.67	10.731	≤ 11.0
11ac-VHT40	MCS0	38	5190	0.227	1.144	98.22	3.720	≤ 17.0
11ac-VHT40	MCS0	46	5230	0.720	1.246	98.22	4.001	≤ 17.0
11ac-VHT40	MCS0	54	5270	4.382	4.624	98.22	7.515	≤ 11.0
11ac-VHT40	MCS0	62	5310	4.091	4.633	98.22	7.381	≤ 11.0
11ac-VHT40	MCS0	102	5510	4.327	4.544	98.22	7.447	≤ 11.0
11ac-VHT40	MCS0	110	5550	3.980	4.545	98.22	7.282	≤ 11.0
11ac-VHT40	MCS0	134	5670	4.238	4.480	98.22	7.371	≤ 11.0
11ac-VHT40	MCS0	142	5710	4.098	4.659	98.22	7.398	≤ 11.0

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)		Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 0	Ant 1			
11ac-VHT80	MCS0	42	5210	-2.412	-1.174	97.04	1.392	≤ 17.0
11ac-VHT80	MCS0	58	5290	0.591	0.756	97.04	3.815	≤ 11.0
11ac-VHT80	MCS0	106	5530	1.668	1.684	97.04	4.817	≤ 11.0
11ac-VHT80	MCS0	122	5610	1.599	2.384	97.04	5.150	≤ 11.0
11ac-VHT80	MCS0	138	5690	0.912	1.053	97.04	4.124	≤ 11.0
11ac-VHT160	MCS0	50	5250	-4.070	-3.068	98.36	-0.530	≤ 11.0
11ac-VHT160	MCS0	114	5570	-4.862	-4.921	98.36	-1.881	≤ 11.0
11ax-HE20	MCS0	36	5180	3.174	3.333	97.82	6.360	≤ 17.0
11ax-HE20	MCS0	44	5220	3.272	3.943	97.82	6.726	≤ 17.0
11ax-HE20	MCS0	48	5240	3.504	3.711	97.82	6.715	≤ 17.0
11ax-HE20	MCS0	52	5260	7.264	7.027	97.82	10.253	≤ 11.0
11ax-HE20	MCS0	60	5300	7.100	7.733	97.82	10.534	≤ 11.0
11ax-HE20	MCS0	64	5320	7.304	7.450	97.82	10.484	≤ 11.0
11ax-HE20	MCS0	100	5500	6.986	7.279	97.82	10.241	≤ 11.0
11ax-HE20	MCS0	116	5580	7.173	7.655	97.82	10.527	≤ 11.0
11ax-HE20	MCS0	140	5700	7.116	7.595	97.82	10.468	≤ 11.0
11ax-HE20	MCS0	144	5720	7.126	7.468	97.82	10.406	≤ 11.0
11ax-HE40	MCS0	38	5190	0.356	0.729	97.14	3.683	≤ 17.0
11ax-HE40	MCS0	46	5230	0.614	1.261	97.14	4.086	≤ 17.0
11ax-HE40	MCS0	54	5270	3.868	3.929	97.14	7.035	≤ 11.0
11ax-HE40	MCS0	62	5310	3.100	4.721	97.14	7.122	≤ 11.0
11ax-HE40	MCS0	102	5510	4.161	4.987	97.14	7.730	≤ 11.0
11ax-HE40	MCS0	110	5550	3.408	3.532	97.14	6.607	≤ 11.0
11ax-HE40	MCS0	134	5670	4.625	4.812	97.14	7.856	≤ 11.0
11ax-HE40	MCS0	142	5710	3.496	3.141	97.14	6.458	≤ 11.0
11ax-HE80	MCS0	42	5210	-2.833	-2.060	98.28	0.581	≤ 17.0
11ax-HE80	MCS0	58	5290	1.139	2.236	98.28	4.732	≤ 11.0
11ax-HE80	MCS0	106	5530	1.196	2.758	98.28	5.057	≤ 11.0
11ax-HE80	MCS0	122	5610	1.174	1.757	98.28	4.486	≤ 11.0
11ax-HE80	MCS0	138	5690	-0.093	1.235	98.28	3.632	≤ 11.0
11ax-HE160	MCS0	50	5250	-4.315	-3.334	97.90	-0.694	≤ 11.0
11ax-HE160	MCS0	114	5570	-1.641	-0.200	97.90	2.241	≤ 11.0

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)		Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 0	Ant 1			
11be-EHT20	MCS0	36	5180	3.066	3.609	97.70	6.457	≤ 17.0
11be-EHT20	MCS0	44	5220	3.509	4.112	97.70	6.932	≤ 17.0
11be-EHT20	MCS0	48	5240	3.538	3.890	97.70	6.829	≤ 17.0
11be-EHT20	MCS0	52	5260	7.357	7.533	97.70	10.557	≤ 11.0
11be-EHT20	MCS0	60	5300	7.241	7.882	97.70	10.685	≤ 11.0
11be-EHT20	MCS0	64	5320	7.444	7.476	97.70	10.571	≤ 11.0
11be-EHT20	MCS0	100	5500	7.230	7.334	97.70	10.394	≤ 11.0
11be-EHT20	MCS0	116	5580	7.259	7.712	97.70	10.603	≤ 11.0
11be-EHT20	MCS0	140	5700	7.266	7.630	97.70	10.563	≤ 11.0
11be-EHT20	MCS0	144	5720	7.230	7.672	97.70	10.568	≤ 11.0
11be-EHT40	MCS0	38	5190	0.080	0.574	97.32	3.462	≤ 17.0
11be-EHT40	MCS0	46	5230	0.985	0.523	97.32	3.888	≤ 17.0
11be-EHT40	MCS0	54	5270	3.644	3.744	97.32	6.823	≤ 11.0
11be-EHT40	MCS0	62	5310	3.593	4.121	97.32	6.993	≤ 11.0
11be-EHT40	MCS0	102	5510	3.956	4.999	97.32	7.637	≤ 11.0
11be-EHT40	MCS0	110	5550	3.280	3.965	97.32	6.764	≤ 11.0
11be-EHT40	MCS0	134	5670	3.298	4.030	97.32	6.808	≤ 11.0
11be-EHT40	MCS0	142	5710	4.020	3.980	97.32	7.128	≤ 11.0
11be-EHT80	MCS0	42	5210	-2.053	-2.833	97.78	0.682	≤ 17.0
11be-EHT80	MCS0	58	5290	1.031	1.303	97.78	4.277	≤ 11.0
11be-EHT80	MCS0	106	5530	1.343	2.795	97.78	5.237	≤ 11.0
11be-EHT80	MCS0	122	5610	0.964	1.754	97.78	4.485	≤ 11.0
11be-EHT80	MCS0	138	5690	0.758	0.930	97.78	3.953	≤ 11.0
11be-EHT160	MCS0	50	5250	-4.419	-3.473	97.74	-0.811	≤ 11.0
11be-EHT160	MCS0	114	5570	-4.568	-3.096	97.74	-0.660	≤ 11.0

Note: When EUT duty cycle < 98%, the total PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)}\} + 10 \cdot \log (1/\text{Duty cycle})$.

Test Site	SIP-TR1	Test Engineer	Nolan Chen
Test Date	2025-07-12 ~ 2025-07-25		
Test Item	Power Spectral Density (UNII-Band 3)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ 510 kHz)		Duty Cycle (%)	Total PSD (dBm/ 510 kHz)	PSD Limit (dBm/ 500 kHz)
				Ant 0	Ant 1			
11a	6 Mbps	149	5745	4.483	4.854	99.10	7.683	≤ 30.0
11a	6 Mbps	157	5785	4.538	4.982	99.10	7.776	≤ 30.0
11a	6 Mbps	165	5825	4.879	4.654	99.10	7.778	≤ 30.0
11ac-VHT20	MCS0	149	5745	4.128	4.592	97.67	7.479	≤ 30.0
11ac-VHT20	MCS0	157	5785	4.259	4.682	97.67	7.588	≤ 30.0
11ac-VHT20	MCS0	165	5825	4.450	4.457	97.67	7.566	≤ 30.0
11ac-VHT40	MCS0	151	5755	1.181	1.641	98.22	4.427	≤ 30.0
11ac-VHT40	MCS0	159	5795	1.280	1.620	98.22	4.464	≤ 30.0
11ac-VHT80	MCS0	155	5775	-1.305	-0.945	97.04	2.020	≤ 30.0
11ax-HE20	MCS0	149	5745	3.953	4.394	97.82	7.285	≤ 30.0
11ax-HE20	MCS0	157	5785	3.949	4.358	97.82	7.264	≤ 30.0
11ax-HE20	MCS0	165	5825	4.227	4.139	97.82	7.289	≤ 30.0
11ax-HE40	MCS0	151	5755	1.015	1.457	97.14	4.378	≤ 30.0
11ax-HE40	MCS0	159	5795	1.163	1.345	97.14	4.391	≤ 30.0
11ax-HE80	MCS0	155	5775	-1.588	-1.113	98.28	1.666	≤ 30.0
11be-EHT20	MCS0	149	5745	3.898	4.195	97.70	7.160	≤ 30.0
11be-EHT20	MCS0	157	5785	3.977	4.505	97.70	7.360	≤ 30.0
11be-EHT20	MCS0	165	5825	4.210	4.137	97.70	7.285	≤ 30.0
11be-EHT40	MCS0	151	5755	0.892	1.206	97.32	4.180	≤ 30.0
11be-EHT40	MCS0	159	5795	1.007	1.235	97.32	4.251	≤ 30.0
11be-EHT80	MCS0	155	5775	-1.735	-1.232	97.78	1.632	≤ 30.0

Note:

When EUT duty cycle < 98%, the total PSD (dBm/510 kHz) = $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)}\}$
+ $10 \cdot \log (1/\text{Duty cycle})$.

When EUT duty cycle ≥ 98%, the total PSD (dBm/510 kHz) = $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)}\}$.