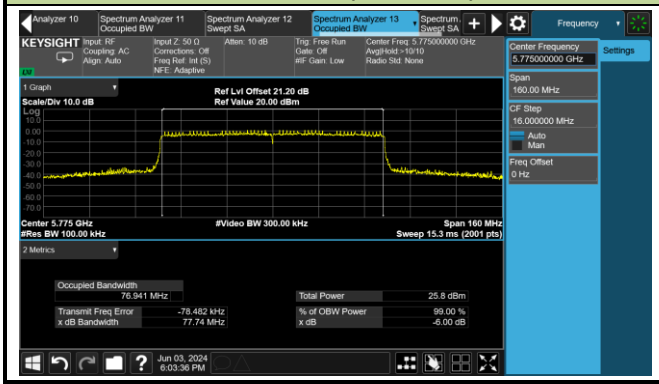
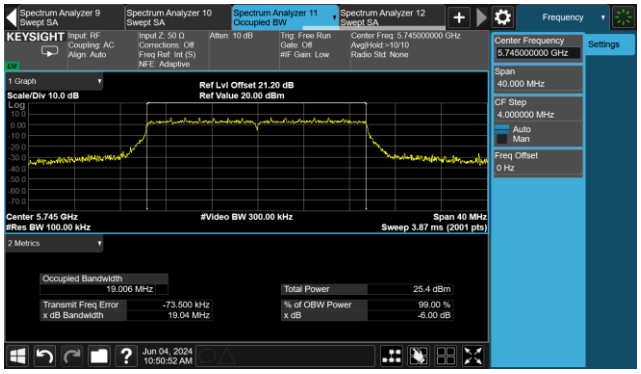
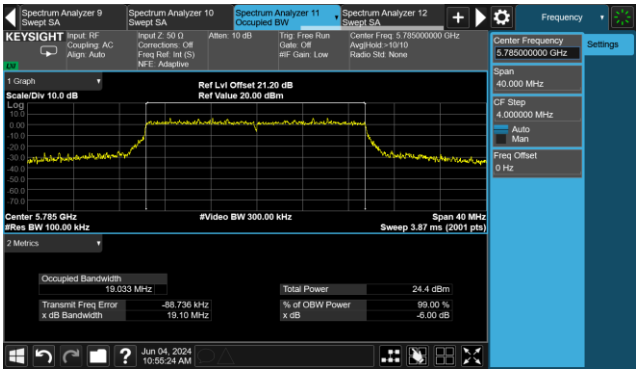
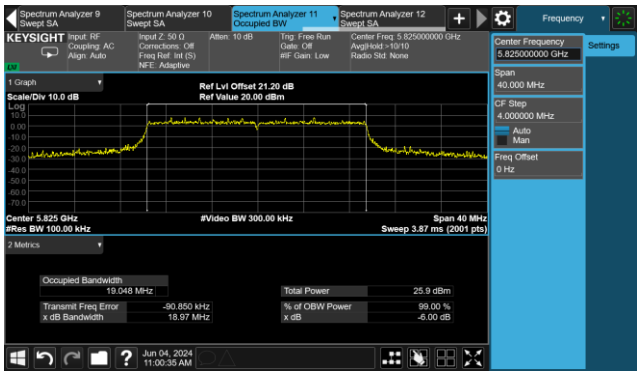
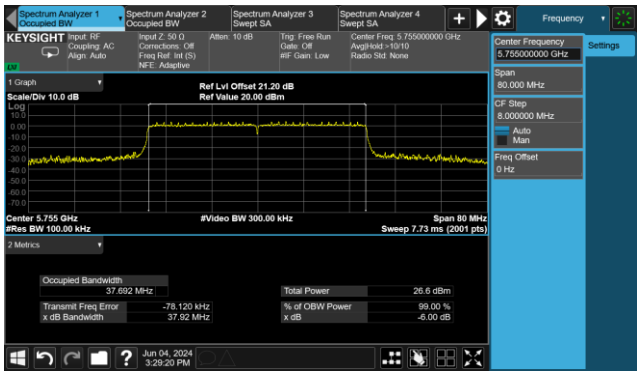
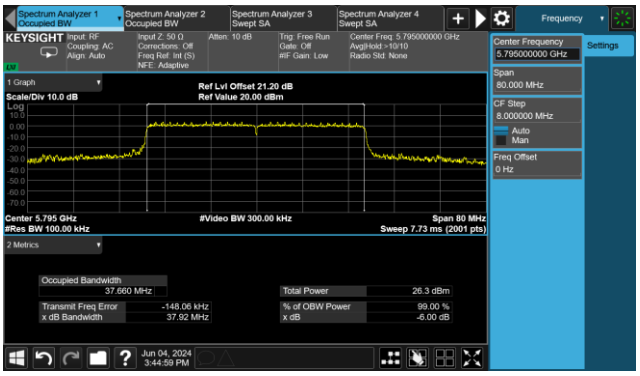
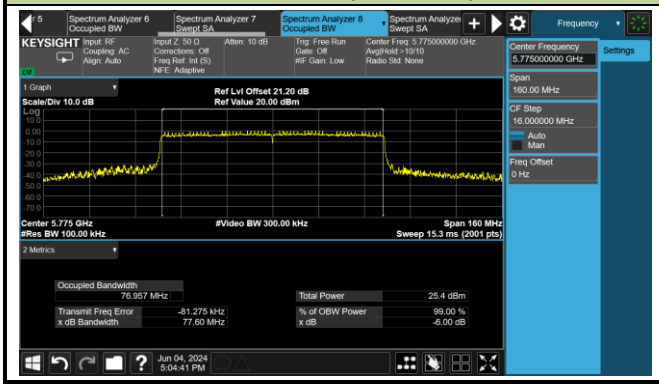
802.11ax-HE80 6dB Bandwidth	
Channel 155 (5775MHz)	
	

802.11be-EHT20 6dB Bandwidth	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

802.11be-EHT40 6dB Bandwidth	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11be-EHT80 6dB Bandwidth	
Channel 155 (5775MHz)	
	

A.4 Output Power Test Result

Radio 1

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-05-10 ~ 2024-06-04		

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11a	6Mbps	36	5180	17.43	17.40	17.11	17.15	23.30	≤ 30.00
11a	6Mbps	44	5220	17.98	18.41	18.23	18.05	24.19	≤ 30.00
11a	6Mbps	48	5240	17.47	18.27	18.10	17.70	23.92	≤ 30.00
11a	6Mbps	52	5260	12.82	13.58	13.33	13.60	19.36	≤ 23.98
11a	6Mbps	60	5300	12.87	13.26	13.32	13.62	19.30	≤ 23.98
11a	6Mbps	64	5320	12.83	12.95	13.21	13.39	19.12	≤ 23.98
11a	6Mbps	100	5500	13.18	12.97	13.28	13.36	19.22	≤ 23.98
11a	6Mbps	116	5580	13.31	12.99	13.46	13.28	19.28	≤ 23.98
11a	6Mbps	140	5700	12.42	13.27	13.35	12.62	18.95	≤ 23.98
11a	6Mbps	144	5720	12.65	13.31	13.46	12.73	19.07	≤ 22.96 Note 2&3
11a	6Mbps	149	5745	17.35	18.41	18.31	18.06	24.07	≤ 30.00
11a	6Mbps	157	5785	17.63	18.32	17.89	18.20	24.04	≤ 30.00
11a	6Mbps	165	5825	17.78	18.13	18.31	17.86	24.05	≤ 30.00
11ac-VHT20	MCS0	36	5180	16.12	15.92	15.70	15.68	21.88	≤ 30.00
11ac-VHT20	MCS0	44	5220	17.85	18.48	18.16	18.05	24.16	≤ 30.00
11ac-VHT20	MCS0	48	5240	17.53	18.37	17.95	17.76	23.93	≤ 30.00
11ac-VHT20	MCS0	52	5260	13.05	13.62	13.43	13.55	19.44	≤ 23.98
11ac-VHT20	MCS0	60	5300	13.23	13.52	13.48	13.78	19.53	≤ 23.98
11ac-VHT20	MCS0	64	5320	13.02	13.06	13.35	13.52	19.26	≤ 23.98
11ac-VHT20	MCS0	100	5500	13.57	13.52	13.83	13.76	19.69	≤ 23.98
11ac-VHT20	MCS0	116	5580	13.62	13.53	13.93	13.52	19.67	≤ 23.98
11ac-VHT20	MCS0	140	5700	13.26	13.95	14.26	13.46	19.77	≤ 23.98
11ac-VHT20	MCS0	144	5720	13.19	13.79	14.19	12.86	19.56	≤ 22.97 Note 2&3
11ac-VHT20	MCS0	149	5745	16.96	17.73	17.77	17.79	23.60	≤ 30.00
11ac-VHT20	MCS0	157	5785	17.49	18.39	18.05	18.02	24.02	≤ 30.00
11ac-VHT20	MCS0	165	5825	18.03	18.34	18.40	18.42	24.32	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11ac-VHT40	MCS0	38	5190	14.05	14.25	14.29	13.73	20.11	≤ 30.00
11ac-VHT40	MCS0	46	5230	17.52	18.36	17.72	17.42	23.79	≤ 30.00
11ac-VHT40	MCS0	54	5270	16.08	16.46	16.63	16.05	22.33	≤ 23.98
11ac-VHT40	MCS0	62	5310	15.29	15.11	15.69	15.02	21.31	≤ 23.98
11ac-VHT40	MCS0	102	5510	13.02	13.27	13.38	13.06	19.21	≤ 23.98
11ac-VHT40	MCS0	110	5550	17.26	17.92	18.15	17.75	23.80	≤ 23.98
11ac-VHT40	MCS0	134	5670	13.63	14.01	13.99	13.73	19.86	≤ 23.98
11ac-VHT40	MCS0	142	5710	15.95	16.83	16.56	16.56	22.51	≤ 23.98 Note 2&3
11ac-VHT40	MCS0	151	5755	17.43	18.05	18.16	17.98	23.93	≤ 30.00
11ac-VHT40	MCS0	159	5795	17.66	18.08	18.38	18.31	24.14	≤ 30.00
11ac-VHT80	MCS0	42	5210	13.95	13.46	14.02	13.50	19.76	≤ 30.00
11ac-VHT80	MCS0	58	5290	14.69	14.99	15.30	14.63	20.93	≤ 23.98
11ac-VHT80	MCS0	106	5530	13.03	13.42	13.69	13.13	19.35	≤ 23.98
11ac-VHT80	MCS0	122	5610	17.53	17.59	17.97	17.61	23.70	≤ 23.98
11ac-VHT80	MCS0	138	5690	16.79	17.49	17.70	17.73	23.46	≤ 23.98 Note 2&3
11ac-VHT80	MCS0	155	5775	16.85	17.08	17.23	16.76	23.00	≤ 30.00
11ac-VHT160	MCS0	50	5250	12.83	13.15	12.98	12.53	18.90	≤ 23.98 Note 4
11ac-VHT160	MCS0	114	5570	12.25	12.61	12.79	12.16	18.48	≤ 23.98
11ax-HE20	MCS0	36	5180	16.75	16.60	16.50	16.47	22.60	≤ 30.00
11ax-HE20	MCS0	44	5220	17.91	18.41	18.05	17.95	24.11	≤ 30.00
11ax-HE20	MCS0	48	5240	17.46	18.23	17.89	17.56	23.82	≤ 30.00
11ax-HE20	MCS0	52	5260	13.65	14.25	14.12	14.20	20.08	≤ 23.98
11ax-HE20	MCS0	60	5300	13.52	13.62	14.08	14.22	19.89	≤ 23.98
11ax-HE20	MCS0	64	5320	13.26	13.75	13.89	14.03	19.76	≤ 23.98
11ax-HE20	MCS0	100	5500	13.85	13.83	14.06	14.12	19.99	≤ 23.98
11ax-HE20	MCS0	116	5580	13.95	13.58	14.08	14.03	19.93	≤ 23.98
11ax-HE20	MCS0	140	5700	13.96	13.35	14.13	14.11	19.92	≤ 23.98
11ax-HE20	MCS0	144	5720	13.52	13.87	14.36	13.32	19.81	≤ 22.98 Note 2&3
11ax-HE20	MCS0	149	5745	17.42	18.08	18.06	18.05	23.93	≤ 30.00
11ax-HE20	MCS0	157	5785	17.62	18.02	18.16	18.22	24.03	≤ 30.00
11ax-HE20	MCS0	165	5825	18.09	18.39	18.29	18.46	24.33	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11ax-HE40	MCS0	38	5190	14.35	14.45	14.58	14.05	20.38	≤ 30.00
11ax-HE40	MCS0	46	5230	17.73	18.23	18.03	17.73	23.96	≤ 30.00
11ax-HE40	MCS0	54	5270	16.24	16.61	16.93	16.32	22.55	≤ 23.98
11ax-HE40	MCS0	62	5310	14.66	14.30	15.08	14.52	20.67	≤ 23.98
11ax-HE40	MCS0	102	5510	12.71	13.15	13.35	12.75	19.02	≤ 23.98
11ax-HE40	MCS0	110	5550	17.33	17.78	18.06	17.75	23.76	≤ 23.98
11ax-HE40	MCS0	134	5670	14.23	14.67	14.67	14.63	20.57	≤ 23.98
11ax-HE40	MCS0	142	5710	17.05	17.77	17.71	17.59	23.56	≤ 23.98Note 2&3
11ax-HE40	MCS0	151	5755	17.75	18.19	18.43	17.99	24.12	≤ 30.00
11ax-HE40	MCS0	159	5795	17.89	18.06	18.29	18.08	24.10	≤ 30.00
11ax-HE80	MCS0	42	5210	13.76	13.36	13.90	13.21	19.59	≤ 30.00
11ax-HE80	MCS0	58	5290	14.40	14.68	14.83	14.56	20.64	≤ 23.98
11ax-HE80	MCS0	106	5530	12.43	12.77	13.05	12.56	18.73	≤ 23.98
11ax-HE80	MCS0	122	5610	16.88	17.58	17.87	17.75	23.56	≤ 23.98
11ax-HE80	MCS0	138	5690	16.79	17.62	17.80	17.63	23.50	≤ 23.98Note 2&3
11ax-HE80	MCS0	155	5775	17.02	17.33	17.53	17.28	23.31	≤ 30.00
11ax-HE160	MCS0	50	5250	12.55	12.89	12.65	12.43	18.65	≤ 23.98Note 4
11ax-HE160	MCS0	114	5570	13.05	13.93	14.09	12.83	19.53	≤ 23.98
11be-EHT20	MCS0	36	5180	16.60	16.21	16.32	16.11	22.33	≤ 30.00
11be-EHT20	MCS0	44	5220	18.13	18.46	18.16	17.89	24.19	≤ 30.00
11be-EHT20	MCS0	48	5240	17.49	18.35	17.96	17.63	23.89	≤ 30.00
11be-EHT20	MCS0	52	5260	13.41	14.13	13.82	14.03	19.88	≤ 23.98
11be-EHT20	MCS0	60	5300	13.42	13.59	13.93	13.83	19.72	≤ 23.98
11be-EHT20	MCS0	64	5320	13.32	13.53	13.79	14.19	19.74	≤ 23.98
11be-EHT20	MCS0	100	5500	13.92	13.98	14.13	14.02	20.03	≤ 23.98
11be-EHT20	MCS0	116	5580	13.93	14.11	14.11	13.88	20.03	≤ 23.98
11be-EHT20	MCS0	140	5700	12.02	13.00	13.16	12.31	18.67	≤ 23.98
11be-EHT20	MCS0	144	5720	13.47	14.40	14.42	13.61	20.02	≤ 23.00Note 2&3
11be-EHT20	MCS0	149	5745	17.43	18.10	18.04	17.93	23.90	≤ 30.00
11be-EHT20	MCS0	157	5785	17.69	18.17	18.29	18.15	24.10	≤ 30.00
11be-EHT20	MCS0	165	5825	18.29	18.49	18.48	18.46	24.45	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11be-EHT40	MCS0	38	5190	14.69	14.45	14.52	14.29	20.51	≤ 30.00
11be-EHT40	MCS0	46	5230	17.52	18.23	17.93	17.50	23.83	≤ 30.00
11be-EHT40	MCS0	54	5270	16.30	16.73	16.95	16.36	22.61	≤ 23.98
11be-EHT40	MCS0	62	5310	14.67	14.25	14.86	14.35	20.56	≤ 23.98
11be-EHT40	MCS0	102	5510	12.77	12.85	13.26	12.70	18.92	≤ 23.98
11be-EHT40	MCS0	110	5550	16.23	16.83	16.85	16.35	22.59	≤ 23.98
11be-EHT40	MCS0	134	5670	14.56	15.02	15.13	15.03	20.96	≤ 23.98
11be-EHT40	MCS0	142	5710	17.05	17.83	17.82	17.56	23.60	≤ 23.98 Note 2&3
11be-EHT40	MCS0	151	5755	17.53	18.11	18.23	18.03	24.00	≤ 30.00
11be-EHT40	MCS0	159	5795	17.68	18.13	18.21	18.05	24.04	≤ 30.00
11be-EHT80	MCS0	42	5210	13.60	13.33	13.69	13.20	19.48	≤ 30.00
11be-EHT80	MCS0	58	5290	14.73	14.77	14.95	14.66	20.80	≤ 23.98
11be-EHT80	MCS0	106	5530	11.15	11.56	11.95	11.28	17.52	≤ 23.98
11be-EHT80	MCS0	122	5610	16.08	16.38	16.53	16.26	22.34	≤ 23.98
11be-EHT80	MCS0	138	5690	16.79	17.49	17.70	17.73	23.46	≤ 23.98 Note 2&3
11be-EHT80	MCS0	155	5775	16.59	16.73	16.95	16.85	22.80	≤ 30.00
11be-EHT160	MCS0	50	5250	12.66	13.02	12.56	12.22	18.64	≤ 23.98 Note 4
11be-EHT160	MCS0	114	5570	13.05	13.66	13.93	13.02	19.45	≤ 23.98

Note 1: Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)} + 10^{(\text{Ant 1 Average Power }/10)} + 10^{(\text{Ant 2 Average Power }/10)} + 10^{(\text{Ant 3 Average Power }/10)}\}$ (dBm).

Note 2: Average Power Limit = 23.98dBm or $11+10*\log_{10}EBW_{2C}$ which is less.

Note 3: This is a straddle channel that spans bands NII-2C and NII-3, the total power of the channel complies with the limit of NII-2C which is the more stringent limit of NII-2C and NII-3.

Note 4: This is a straddle channel that spans bands NII-1 and NII-2A, the total power of the channel complies with the limit of NII-2A which is the more stringent limit of NII-1 and NII-2A.

A.5 Power Spectral Density Test Result

Radio 1

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-05-10 ~ 2024-06-04		
Test Item	Power Spectral Density (UNII-Band 1 & UNII-2a & UNII-2c)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVGPSD (dBm/ MHz)				Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 0	Ant 1	Ant 2	Ant 3			
11a	6Mbps	36	5180	3.863	3.844	3.604	3.702	94.71	10.011	≤ 13.68
11a	6Mbps	44	5220	5.745	6.204	5.759	5.846	94.71	12.149	≤ 13.68
11a	6Mbps	48	5240	5.486	6.230	5.805	5.599	94.71	12.046	≤ 13.68
11a	6Mbps	52	5260	0.677	1.428	0.676	1.395	94.71	7.316	≤ 7.68
11a	6Mbps	60	5300	1.092	1.224	1.422	1.521	94.71	7.575	≤ 7.68
11a	6Mbps	64	5320	0.925	0.789	1.533	1.518	94.71	7.461	≤ 7.68
11a	6Mbps	100	5500	1.366	1.213	1.475	1.204	94.71	7.573	≤ 7.68
11a	6Mbps	116	5580	1.205	1.261	1.447	1.296	94.71	7.560	≤ 7.68
11a	6Mbps	140	5700	0.230	1.244	1.093	0.516	94.71	7.047	≤ 7.68
11a	6Mbps	144	5720	0.473	1.405	1.474	0.597	94.71	7.268	≤ 7.68
11ac-VHT20	MCS0	36	5180	3.512	3.303	3.301	3.121	98.47	9.332	≤ 13.68
11ac-VHT20	MCS0	44	5220	5.352	5.869	5.454	5.558	98.47	11.583	≤ 13.68
11ac-VHT20	MCS0	48	5240	5.683	6.406	6.064	5.791	98.47	12.016	≤ 13.68
11ac-VHT20	MCS0	52	5260	0.773	1.503	0.740	1.566	98.47	7.184	≤ 7.68
11ac-VHT20	MCS0	60	5300	0.844	1.351	1.338	1.836	98.47	7.377	≤ 7.68
11ac-VHT20	MCS0	64	5320	0.772	1.222	1.347	1.574	98.47	7.259	≤ 7.68
11ac-VHT20	MCS0	100	5500	1.414	1.487	1.450	1.562	98.47	7.499	≤ 7.68
11ac-VHT20	MCS0	116	5580	1.468	1.341	1.625	1.299	98.47	7.456	≤ 7.68
11ac-VHT20	MCS0	140	5700	0.779	1.857	2.065	1.264	98.47	7.541	≤ 7.68
11ac-VHT20	MCS0	144	5720	0.926	1.349	1.984	0.815	98.47	7.314	≤ 7.68
11ac-VHT40	MCS0	38	5190	-1.280	-1.096	-0.935	-1.503	96.65	4.970	≤ 13.68
11ac-VHT40	MCS0	46	5230	2.323	3.379	2.880	2.367	96.65	8.927	≤ 13.68
11ac-VHT40	MCS0	54	5270	0.932	1.186	1.514	0.963	96.65	7.324	≤ 7.68
11ac-VHT40	MCS0	62	5310	0.519	0.206	0.893	0.079	96.65	6.604	≤ 7.68
11ac-VHT40	MCS0	102	5510	-1.992	-1.753	-1.410	-1.875	96.65	4.417	≤ 7.68
11ac-VHT40	MCS0	110	5550	0.908	0.964	1.382	0.964	96.65	7.227	≤ 7.68
11ac-VHT40	MCS0	134	5670	-1.523	-1.135	-1.240	-1.187	96.65	4.900	≤ 7.68
11ac-VHT40	MCS0	142	5710	0.810	1.734	1.384	1.566	96.65	7.556	≤ 7.68

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVGPSD (dBm/ MHz)				Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 0	Ant 1	Ant 2	Ant 3			
11ac-VHT80	MCS0	42	5210	-3.949	-4.808	-4.153	-4.806	93.69	1.892	≤ 13.68
11ac-VHT80	MCS0	58	5290	-2.948	-2.904	-2.602	-2.904	93.69	3.466	≤ 7.68
11ac-VHT80	MCS0	106	5530	-5.077	-4.434	-4.405	-4.761	93.69	1.643	≤ 7.68
11ac-VHT80	MCS0	122	5610	-1.800	-1.573	-1.112	-1.330	93.69	4.858	≤ 7.68
11ac-VHT80	MCS0	138	5690	-1.332	-0.247	-0.213	-0.196	93.69	5.832	≤ 7.68
11ac-VHT160	MCS0	50	5250	-8.359	-7.776	-7.822	-8.213	88.73	-1.495	≤ 7.68Note 2
11ac-VHT160	MCS0	114	5570	-8.532	-8.083	-8.142	-8.636	88.73	-1.802	≤ 7.68
11ax-HE20	MCS0	36	5180	4.083	3.734	3.770	3.660	97.71	9.936	≤ 13.68
11ax-HE20	MCS0	44	5220	5.393	5.865	5.641	5.455	97.71	11.714	≤ 13.68
11ax-HE20	MCS0	48	5240	5.128	5.939	5.419	5.287	97.71	11.575	≤ 13.68
11ax-HE20	MCS0	52	5260	0.859	1.672	1.500	1.525	97.71	7.521	≤ 7.68
11ax-HE20	MCS0	60	5300	1.180	1.078	1.677	1.572	97.71	7.505	≤ 7.68
11ax-HE20	MCS0	64	5320	0.873	0.680	1.571	1.619	97.71	7.327	≤ 7.68
11ax-HE20	MCS0	100	5500	1.302	1.097	1.407	1.703	97.71	7.504	≤ 7.68
11ax-HE20	MCS0	116	5580	1.242	0.762	1.440	1.225	97.71	7.295	≤ 7.68
11ax-HE20	MCS0	140	5700	0.601	1.753	1.589	0.814	97.71	7.338	≤ 7.68
11ax-HE20	MCS0	144	5720	0.760	1.495	1.585	0.795	97.71	7.297	≤ 7.68
11ax-HE40	MCS0	38	5190	-1.118	-1.034	-0.954	-1.373	96.06	5.078	≤ 13.68
11ax-HE40	MCS0	46	5230	2.220	2.901	2.601	2.207	96.06	8.687	≤ 13.68
11ax-HE40	MCS0	54	5270	0.994	1.185	1.505	0.987	96.06	7.368	≤ 7.68
11ax-HE40	MCS0	62	5310	-0.456	-0.854	-0.254	-0.783	96.06	5.615	≤ 7.68
11ax-HE40	MCS0	102	5510	-2.495	-2.112	-1.788	-2.471	96.06	3.988	≤ 7.68
11ax-HE40	MCS0	110	5550	0.860	1.463	1.557	1.005	96.06	7.426	≤ 7.68
11ax-HE40	MCS0	134	5670	-1.017	-0.681	-0.662	-0.725	96.06	5.426	≤ 7.68
11ax-HE40	MCS0	142	5710	0.626	1.828	1.342	1.279	96.06	7.485	≤ 7.68
11ax-HE80	MCS0	42	5210	-4.230	-5.027	-4.528	-5.214	92.89	1.609	≤ 13.68
11ax-HE80	MCS0	58	5290	-3.150	-3.208	-2.858	-3.152	92.89	3.251	≤ 7.68
11ax-HE80	MCS0	106	5530	-5.648	-5.548	-4.921	-5.765	92.89	0.883	≤ 7.68
11ax-HE80	MCS0	122	5610	-0.418	-0.120	0.122	0.121	92.89	6.273	≤ 7.68
11ax-HE80	MCS0	138	5690	-0.870	-0.126	0.009	-0.003	92.89	6.108	≤ 7.68
11ax-HE160	MCS0	50	5250	-8.262	-8.035	-8.248	-8.441	88.46	-1.691	≤ 7.68Note 2
11ax-HE160	MCS0	114	5570	-7.090	-6.700	-6.231	-7.415	88.46	-0.283	≤ 7.68

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVGPSD (dBm/ MHz)				Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 0	Ant 1	Ant 2	Ant 3			
11be-EHT20	MCS0	36	5180	3.769	3.404	3.481	3.385	97.71	9.634	≤ 13.68
11be-EHT20	MCS0	44	5220	5.387	5.954	5.601	5.378	97.71	11.708	≤ 13.68
11be-EHT20	MCS0	48	5240	5.199	5.808	5.553	5.459	97.71	11.631	≤ 13.68
11be-EHT20	MCS0	52	5260	0.883	1.777	1.587	1.582	97.71	7.591	≤ 7.68
11be-EHT20	MCS0	60	5300	0.910	1.198	1.303	1.692	97.71	7.406	≤ 7.68
11be-EHT20	MCS0	64	5320	1.112	1.363	1.545	1.512	97.71	7.508	≤ 7.68
11be-EHT20	MCS0	100	5500	1.595	0.995	1.339	1.622	97.71	7.516	≤ 7.68
11be-EHT20	MCS0	116	5580	1.093	1.174	1.709	1.410	97.71	7.474	≤ 7.68
11be-EHT20	MCS0	140	5700	0.837	1.727	1.767	0.814	97.71	7.432	≤ 7.68
11be-EHT20	MCS0	144	5720	0.558	1.417	1.779	1.290	97.71	7.404	≤ 7.68
11be-EHT40	MCS0	38	5190	-1.012	-1.076	-0.810	-1.351	96.04	5.138	≤ 13.68
11be-EHT40	MCS0	46	5230	2.239	3.165	2.843	2.607	96.04	8.923	≤ 13.68
11be-EHT40	MCS0	54	5270	1.051	1.266	1.640	1.069	96.04	7.459	≤ 7.68
11be-EHT40	MCS0	62	5310	-0.505	-0.822	-0.207	-0.872	96.04	5.603	≤ 7.68
11be-EHT40	MCS0	102	5510	-2.630	-2.061	-1.994	-2.566	96.04	3.893	≤ 7.68
11be-EHT40	MCS0	110	5550	0.790	1.434	1.297	0.858	96.04	7.300	≤ 7.68
11be-EHT40	MCS0	134	5670	-0.667	-0.217	-0.342	-0.435	96.04	5.784	≤ 7.68
11be-EHT40	MCS0	142	5710	0.697	1.570	1.324	1.448	96.04	7.469	≤ 7.68
11be-EHT80	MCS0	42	5210	-4.370	-5.040	-4.340	-5.191	92.74	1.630	≤ 13.68
11be-EHT80	MCS0	58	5290	-2.781	-2.780	-2.544	-2.928	92.74	3.592	≤ 7.68
11be-EHT80	MCS0	106	5530	-6.739	-6.674	-6.295	-6.919	92.74	-0.303	≤ 7.68
11be-EHT80	MCS0	122	5610	-2.082	-1.850	-1.308	-1.703	92.74	4.621	≤ 7.68
11be-EHT80	MCS0	138	5690	-1.005	0.085	-0.088	-0.267	92.74	6.048	≤ 7.68
11be-EHT160	MCS0	50	5250	-8.246	-7.712	-7.964	-8.289	88.40	-1.490	≤ 7.68[Note 2]
11be-EHT160	MCS0	114	5570	-7.220	-6.859	-6.637	-7.119	88.40	-0.397	≤ 7.68

Note 1: When EUT duty cycle < 98%, the total PSD (dBm/MHz) =10*log {$10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)} + 10^{(\text{Ant 3 AVGPSD}/10)}$} +10*log (1/Duty cycle).

When EUT duty cycle ≥ 98%, the total PSD (dBm/MHz) =10*log {$10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)} + 10^{(\text{Ant 3 AVGPSD}/10)}$}.

Note 2: This is a straddle channel, the maximum power density complies with the limit of NII-2A which is the more stringent limit of NII-1 and NII-2A.

Note 3: For NII-1, PSD Limit (dBm/MHz) = 17 – (Directional Gain for PSD - 6) = 17 – (9.32-6) =13.68(dBm/MHz)

For NII-2A, PSD Limit (dBm/MHz) = 11 – (Directional Gain for PSD - 6) = 11 – (9.32-6) =7.68 (dBm/MHz)

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-05-24 ~ 2024-06-04		
Test Item	Power Spectral Density (UNII-Band 3)		

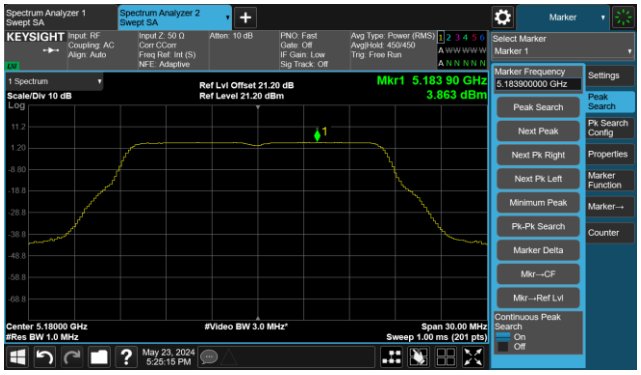
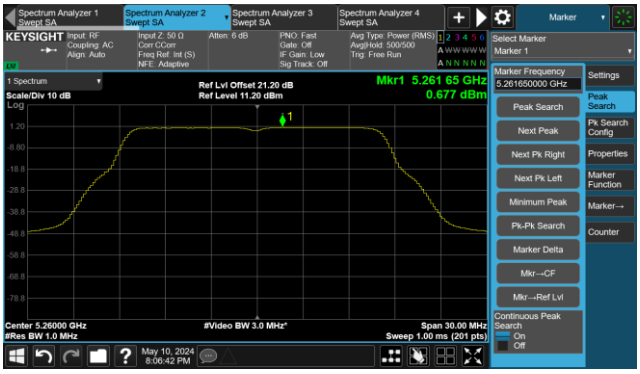
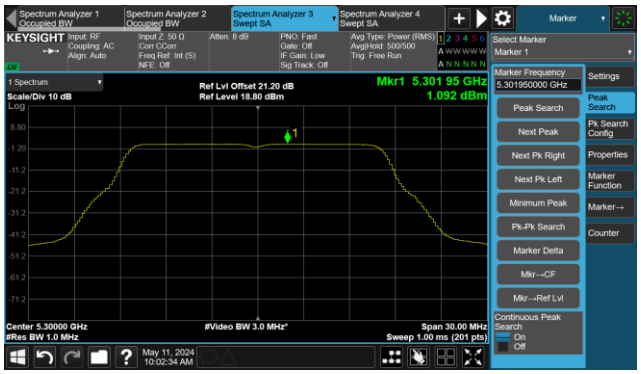
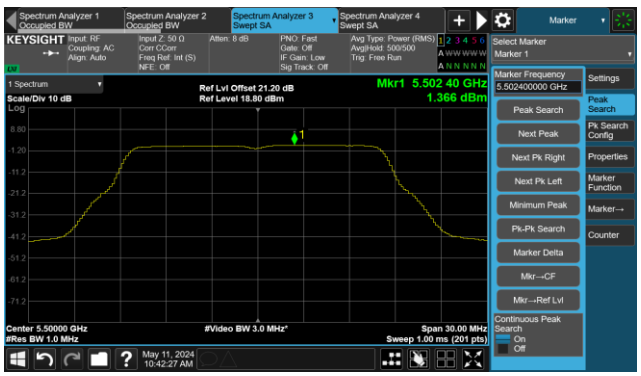
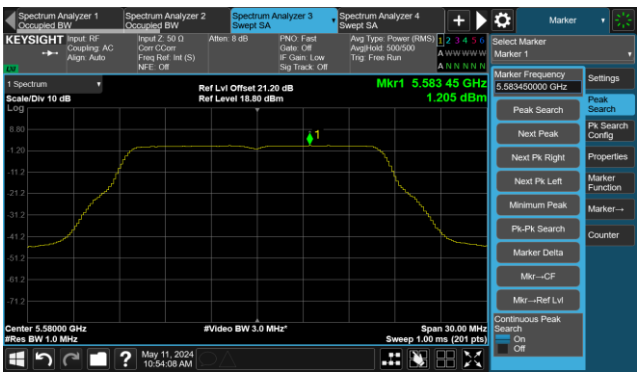
Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVGPSD (dBm / 510KHz)				Duty Cycle (%)	Total PSD (dBm / 510KHz)	PSD Limit (dBm / 500KHz)
				Ant 0	Ant 1	Ant 2	Ant 3			
11a	6Mbps	149	5745	2.580	3.599	3.267	3.377	94.71	9.479	≤ 26.68
11a	6Mbps	157	5785	3.217	3.685	3.663	3.398	94.71	9.752	≤ 26.68
11a	6Mbps	165	5825	3.210	3.496	3.626	3.522	94.71	9.723	≤ 26.68
11ac-VHT20	MCS0	149	5745	2.098	2.873	2.740	2.809	98.47	8.661	≤ 26.68
11ac-VHT20	MCS0	157	5785	3.140	3.834	3.667	3.681	98.47	9.609	≤ 26.68
11ac-VHT20	MCS0	165	5825	3.761	4.034	3.964	3.809	98.47	9.914	≤ 26.68
11ac-VHT40	MCS0	151	5755	-0.362	0.100	0.281	0.173	96.65	6.223	≤ 26.68
11ac-VHT40	MCS0	159	5795	0.094	0.300	0.532	0.352	96.65	6.491	≤ 26.68
11ac-VHT80	MCS0	155	5775	-3.568	-3.387	-3.327	-3.520	93.69	2.854	≤ 26.68
11ax-HE20	MCS0	149	5745	2.390	2.886	2.988	2.886	97.71	8.915	≤ 26.68
11ax-HE20	MCS0	157	5785	2.611	3.274	3.251	3.279	97.71	9.234	≤ 26.68
11ax-HE20	MCS0	165	5825	3.816	4.165	4.087	4.112	97.71	10.168	≤ 26.68
11ax-HE40	MCS0	151	5755	-0.312	0.474	0.538	0.208	96.06	6.435	≤ 26.68
11ax-HE40	MCS0	159	5795	0.224	0.425	0.508	0.346	96.06	6.572	≤ 26.68
11ax-HE80	MCS0	155	5775	-3.162	-2.803	-3.010	-3.077	92.89	3.330	≤ 26.68
11be-EHT20	MCS0	149	5745	2.201	2.962	2.958	2.900	97.71	8.888	≤ 26.68
11be-EHT20	MCS0	157	5785	2.582	3.218	3.133	3.139	97.71	9.146	≤ 26.68
11be-EHT20	MCS0	165	5825	3.744	4.200	3.967	3.881	97.71	10.072	≤ 26.68
11be-EHT40	MCS0	151	5755	-0.135	0.353	0.291	0.202	96.04	6.378	≤ 26.68
11be-EHT40	MCS0	159	5795	0.200	0.644	0.729	0.382	96.04	6.690	≤ 26.68
11be-EHT80	MCS0	155	5775	-3.791	-3.620	-3.541	-3.499	92.74	2.737	≤ 26.68

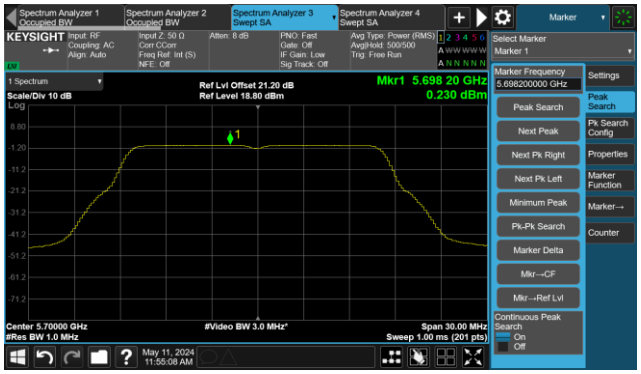
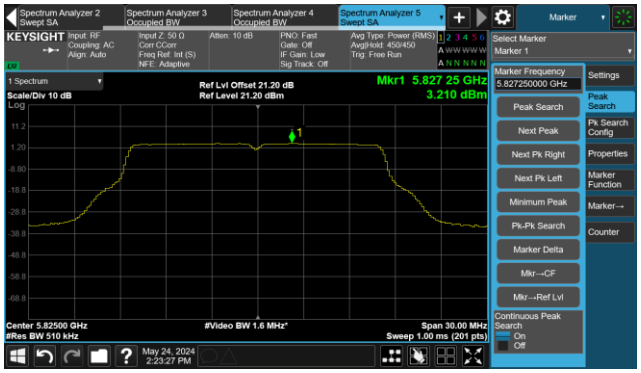
Note 1:

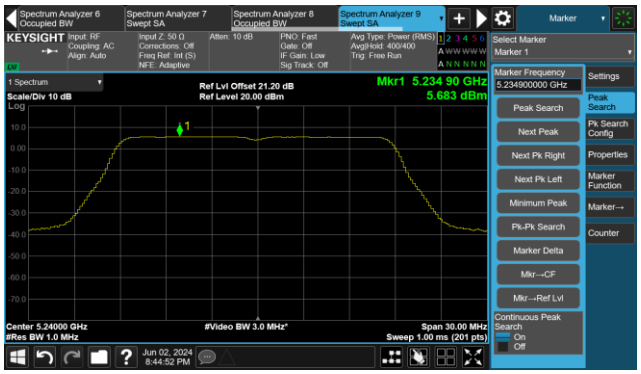
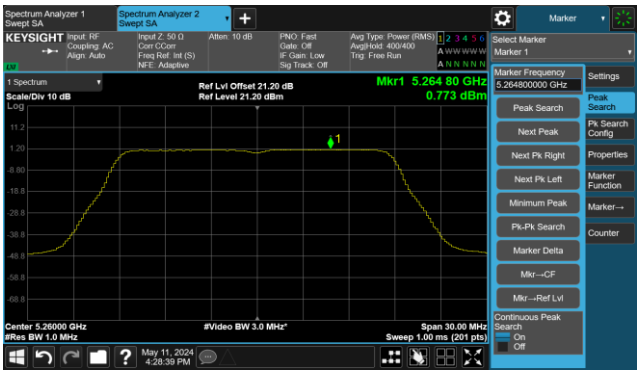
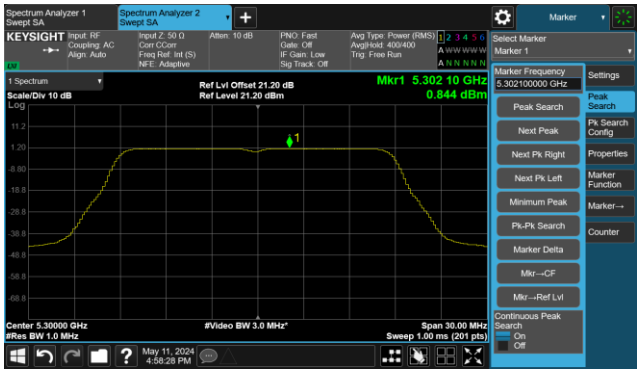
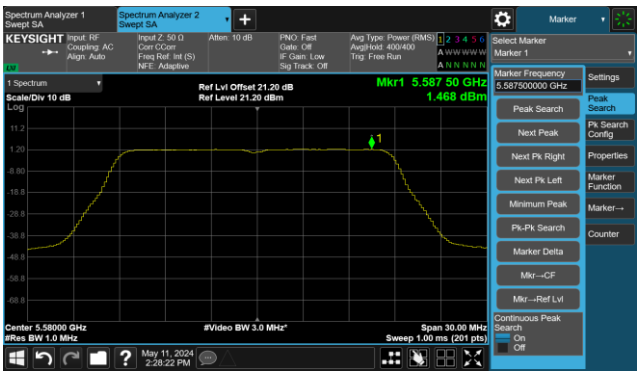
When EUT duty cycle < 98%, the total PSD (dBm/510kHz) =10*log {$10^{(\text{Ant 0 AVGPSD}/10)}$ + $10^{(\text{Ant 1 AVGPSD}/10)}$ + $10^{(\text{Ant 2 AVGPSD}/10)}$ + $10^{(\text{Ant 3 AVGPSD}/10)}$} +10*log (1/Duty cycle).

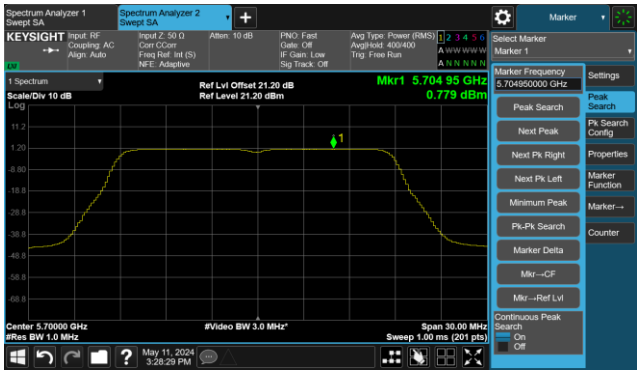
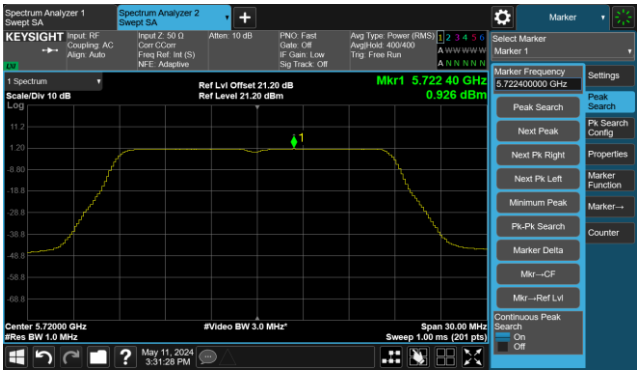
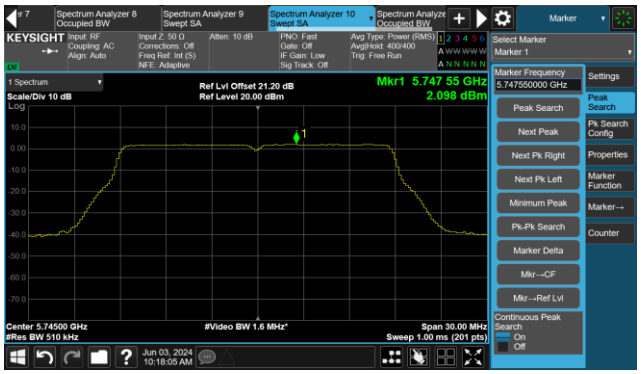
When EUT duty cycle ≥ 98%, the total PSD (dBm/510kHz) =10*log {$10^{(\text{Ant 0 AVGPSD}/10)}$ + $10^{(\text{Ant 1 AVGPSD}/10)}$ + $10^{(\text{Ant 2 AVGPSD}/10)}$ + $10^{(\text{Ant 3 AVGPSD}/10)}$}.

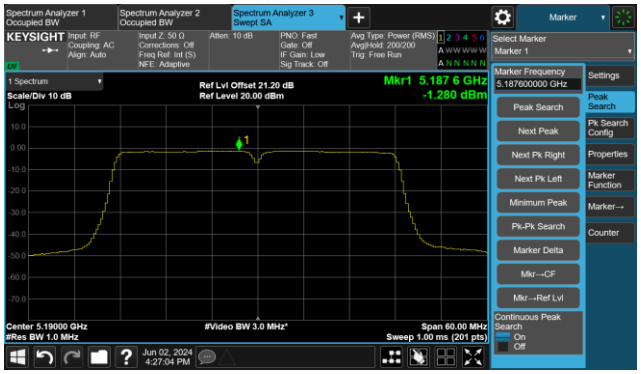
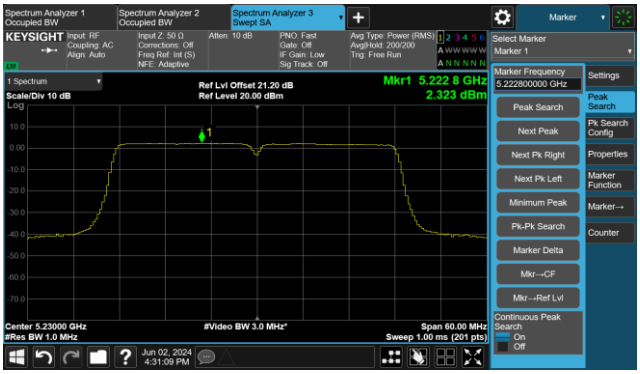
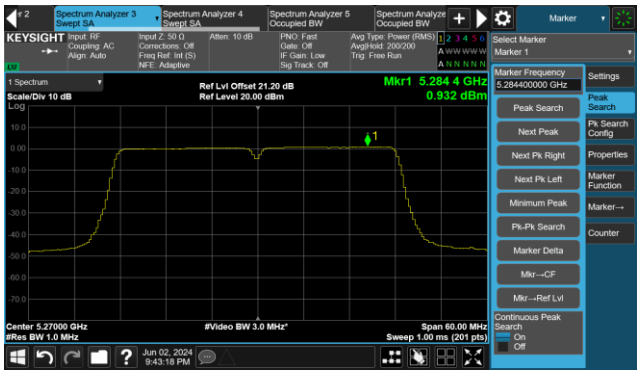
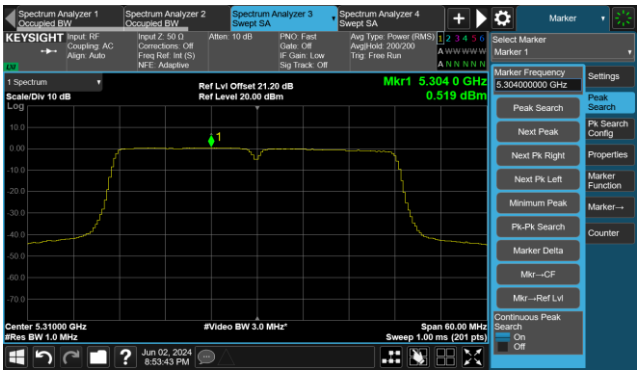
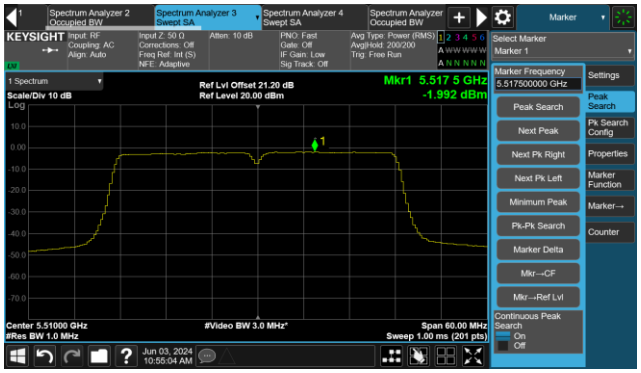
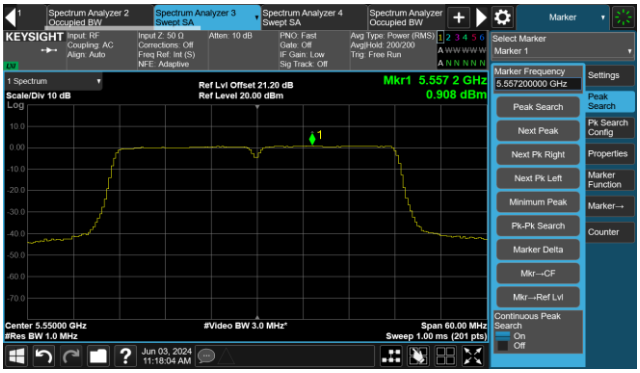
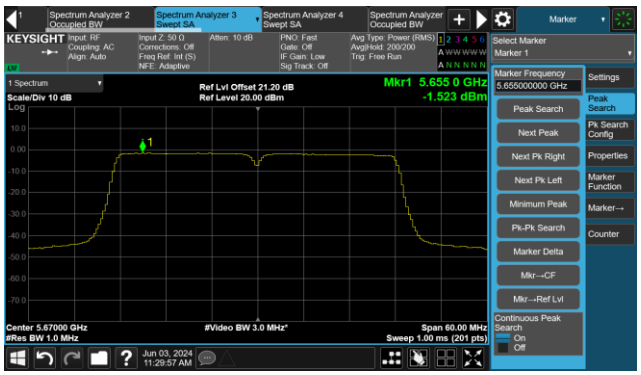
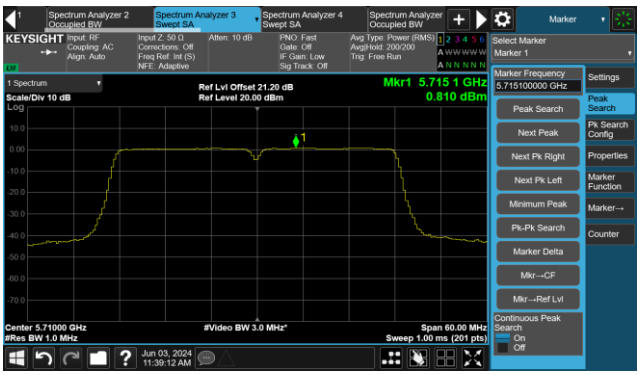
Note 2: PSD Limit (dBm/510KHz) = 30 – (Directional Gain for PSD - 6) = 30 – (9.32-6) =26.68 (dBm/510KHz)

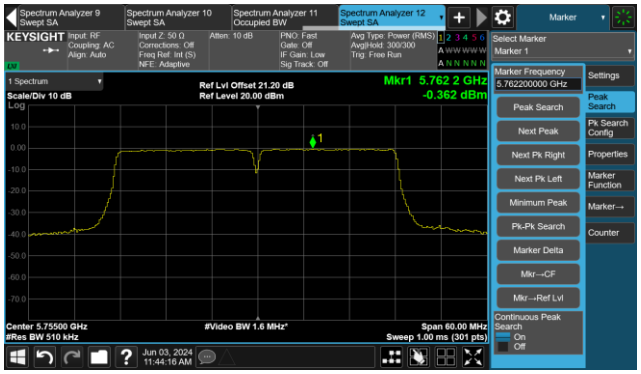
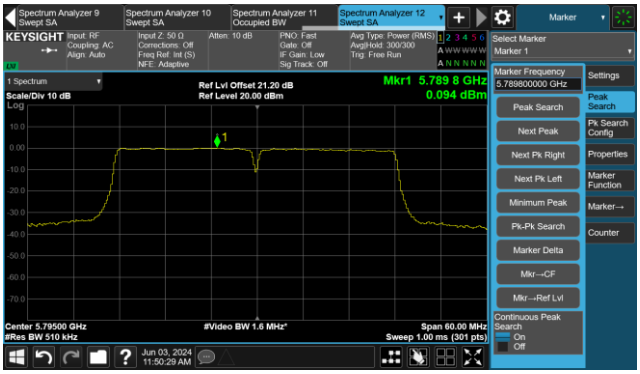
802.11a Power Spectral Density- Ant 0	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	

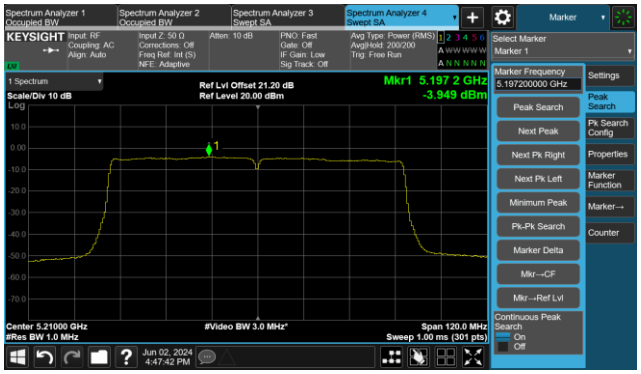
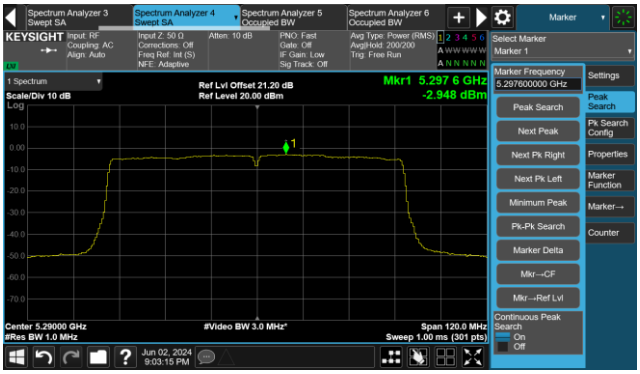
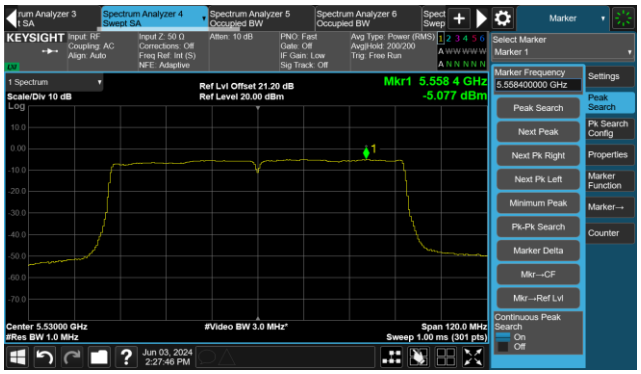
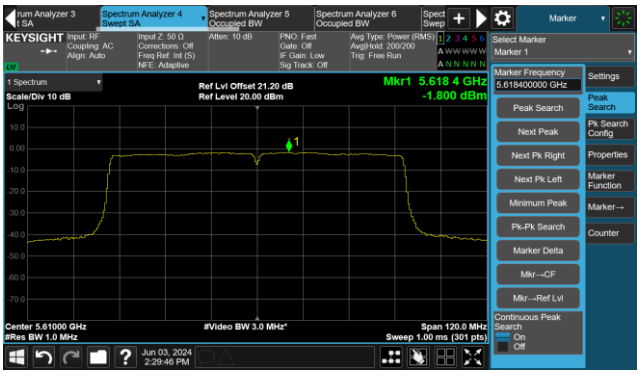
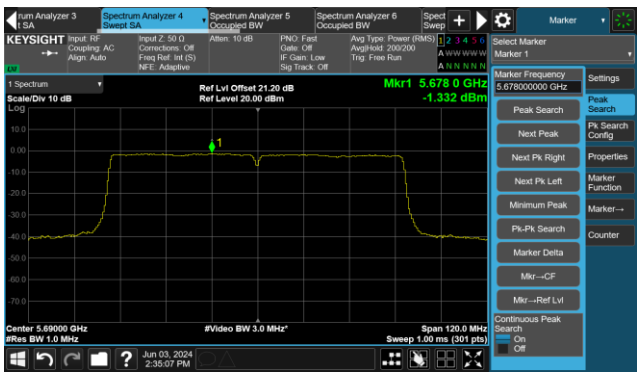
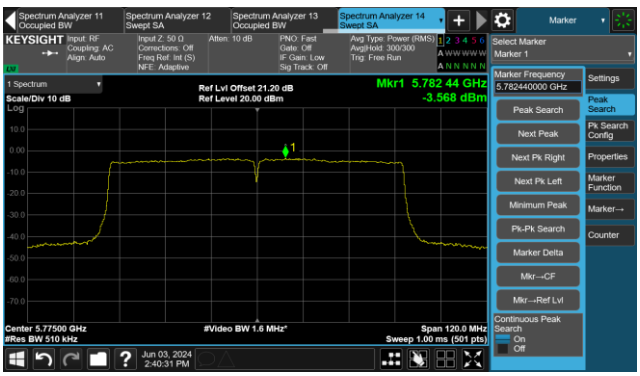
802.11a Power Spectral Density- Ant 0	
Channel 140 (5700MHz)	Channel 144 (5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

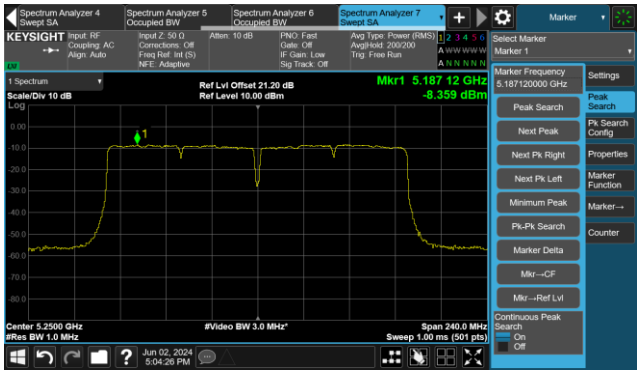
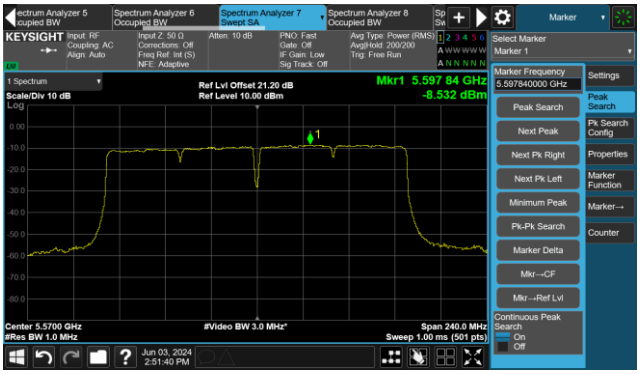
802.11ac-VHT20 Power Spectral Density- Ant 0	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	

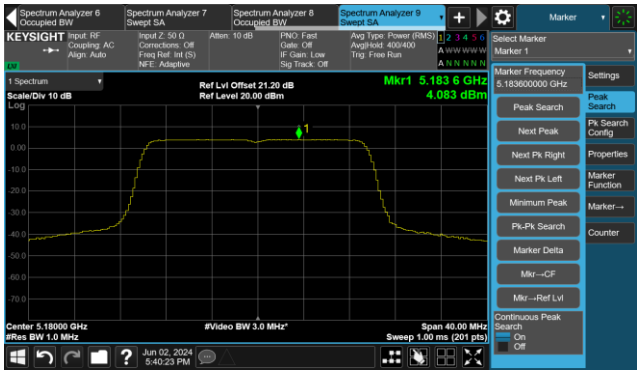
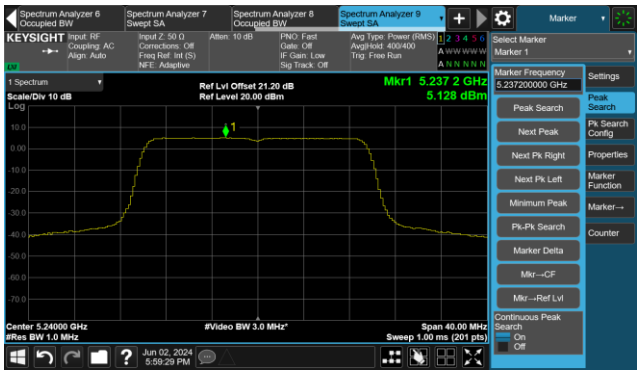
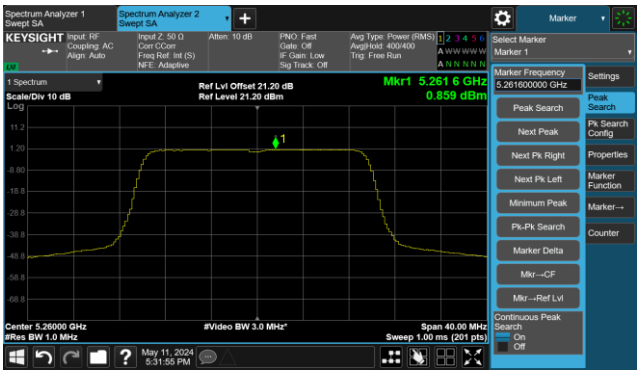
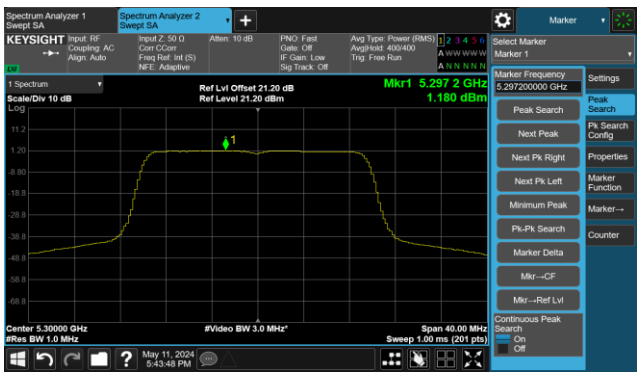
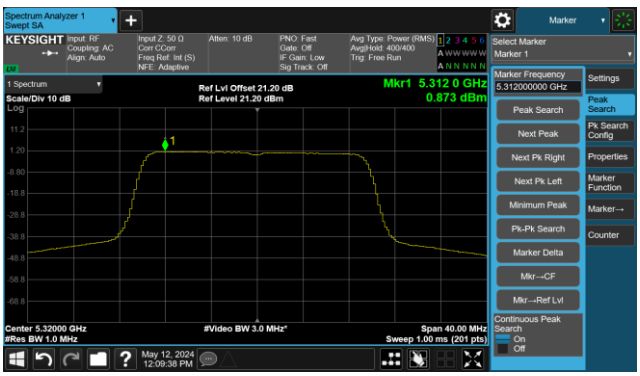
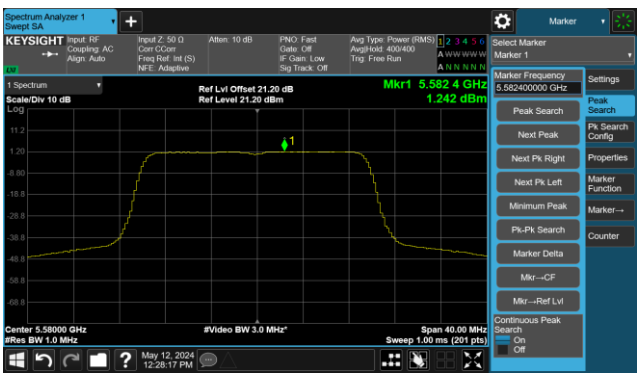
802.11ac-VHT20 Power Spectral Density- Ant 0	
Channel 140 (5700MHz)	Channel 144 (5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

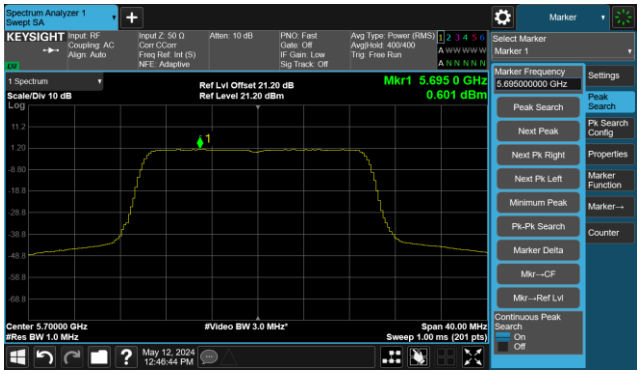
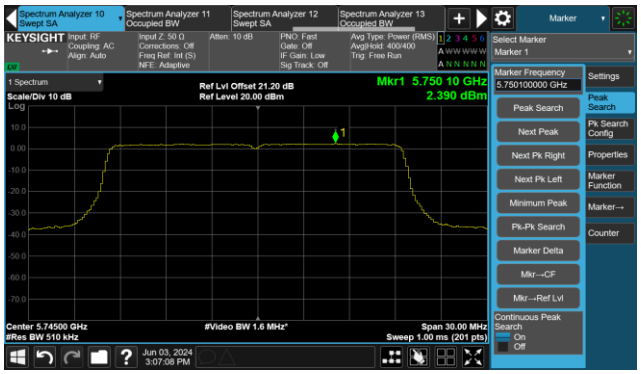
802.11ac-VHT40 Power Spectral Density- Ant 0	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	

802.11ac-VHT40 Power Spectral Density- Ant 0	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ac-VHT80 Power Spectral Density- Ant 0	
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 0	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

802.11ax-HE20 Power Spectral Density- Ant 0	
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 0	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)