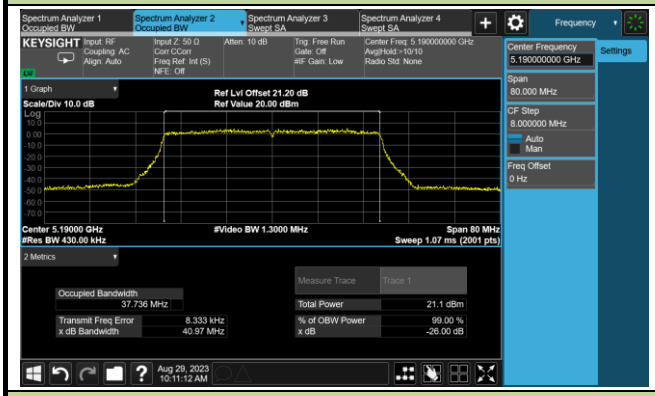
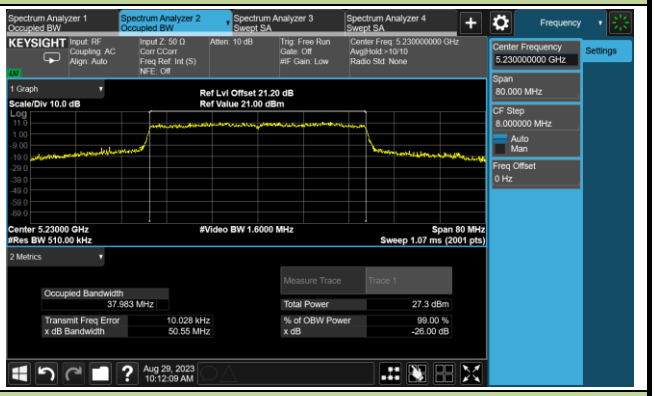
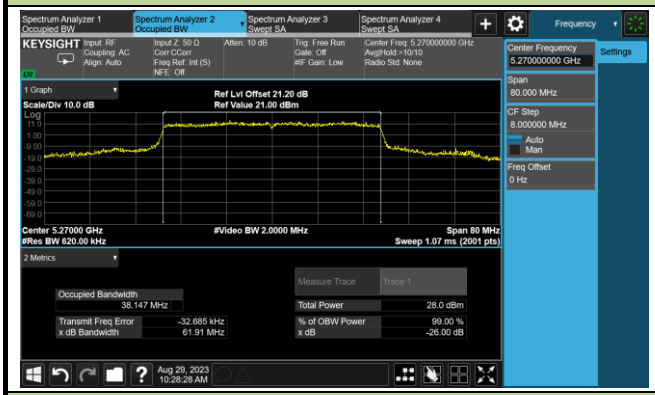
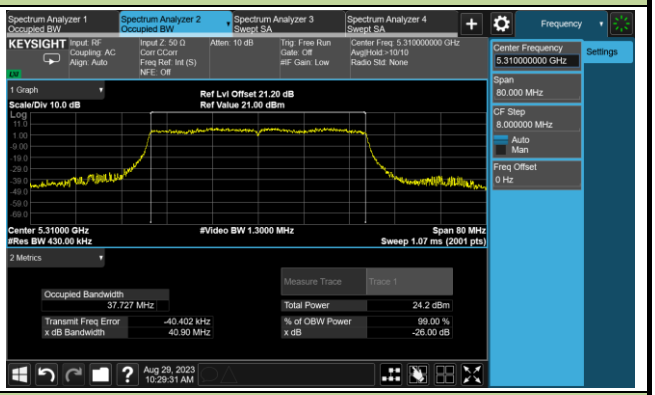
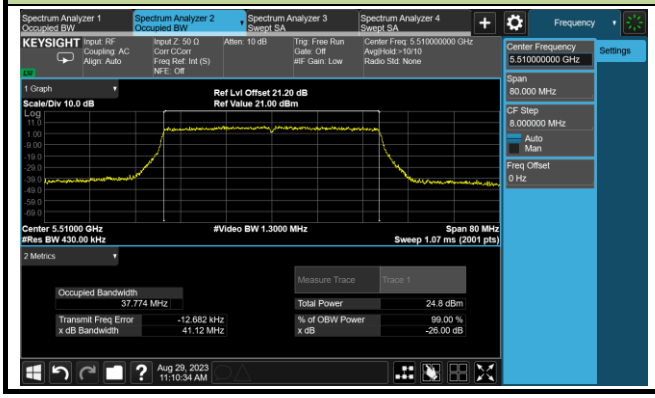
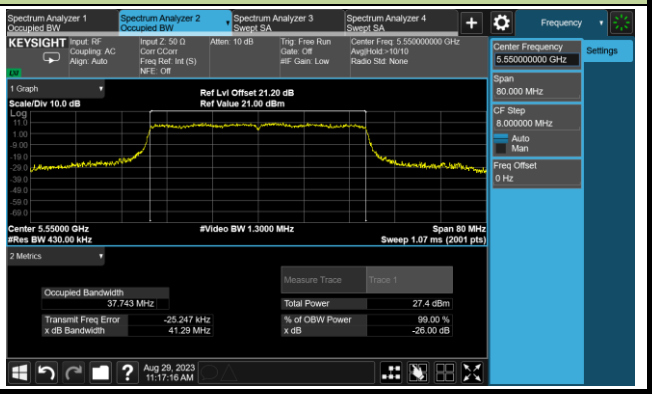
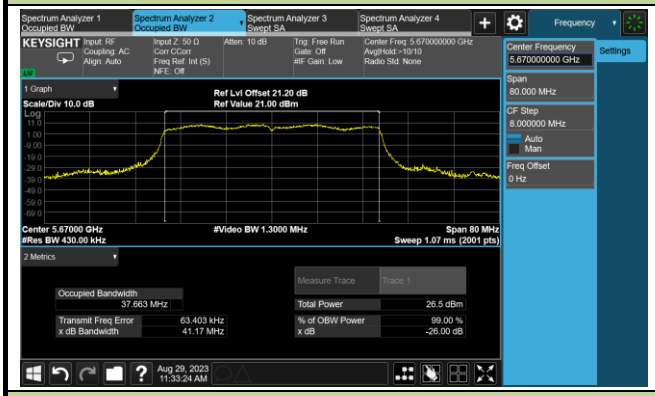
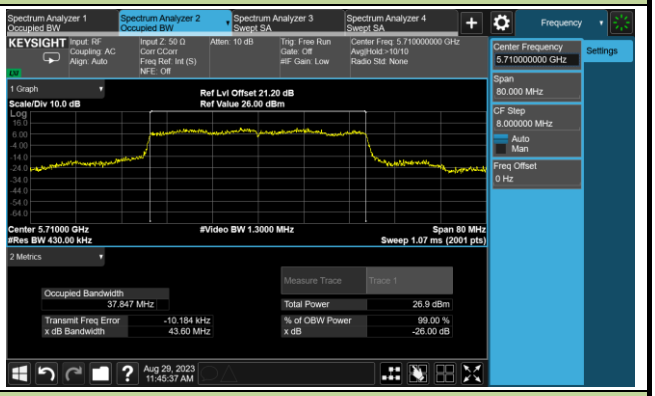
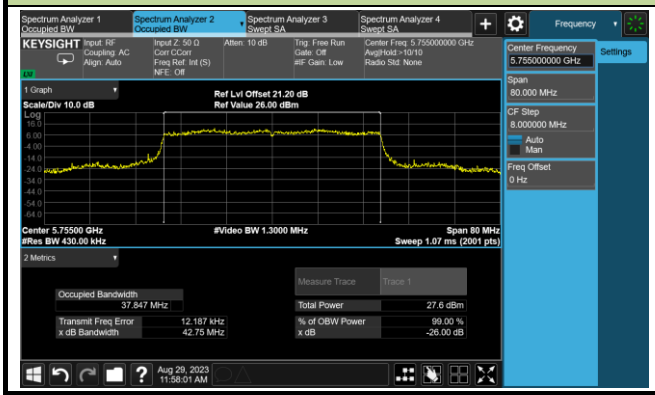
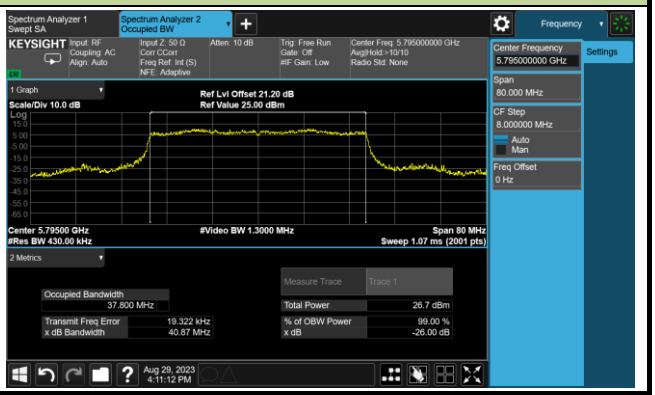
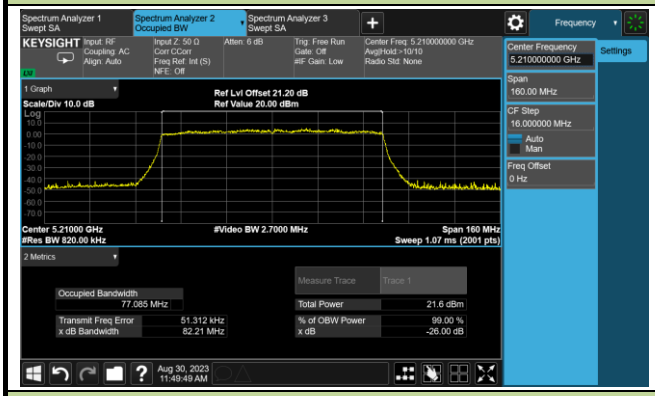
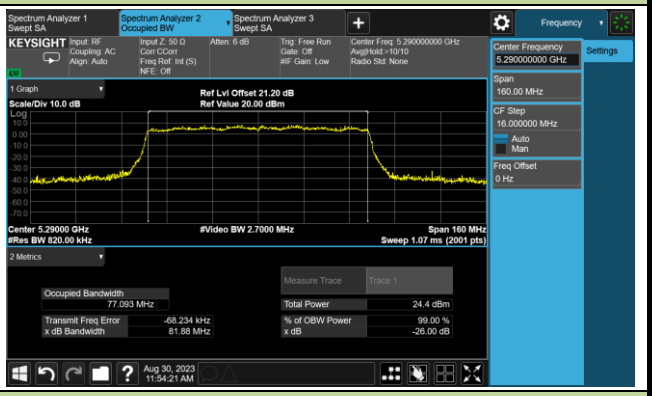
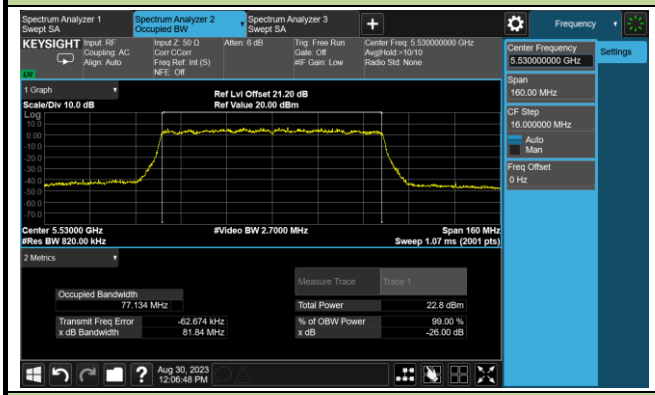
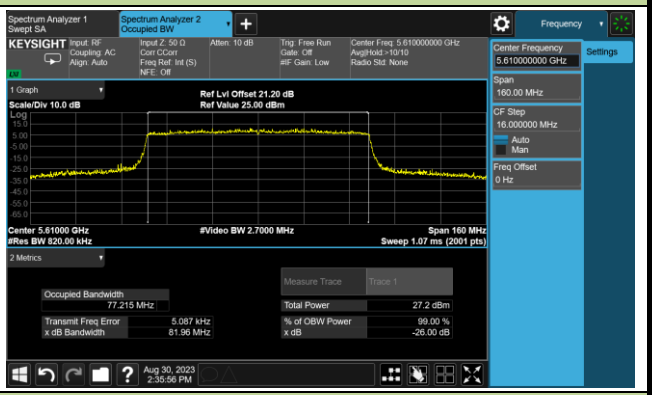
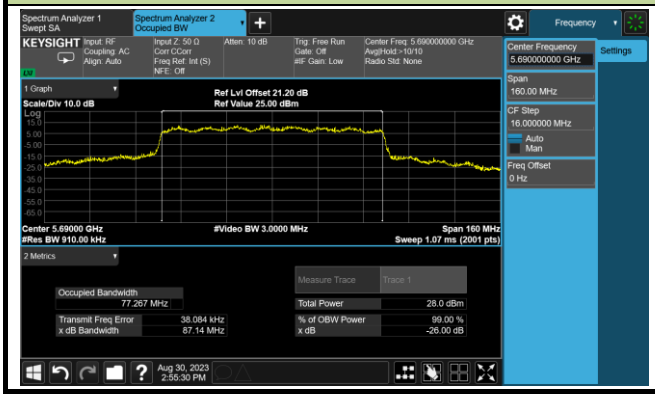
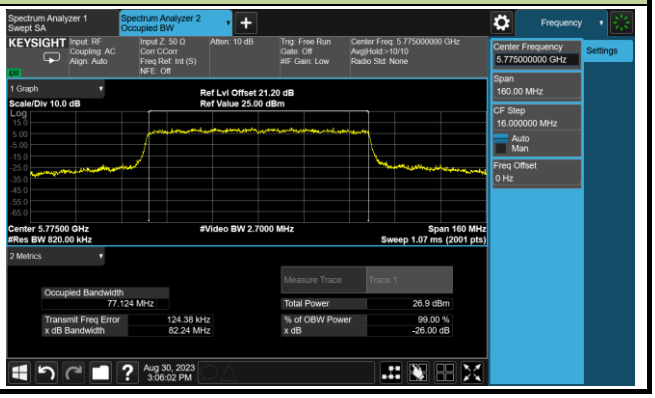
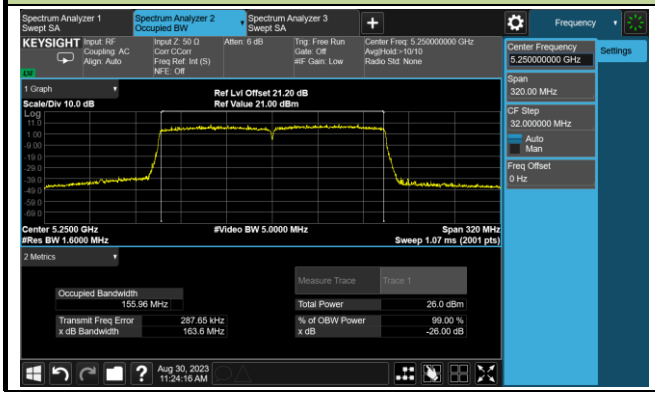
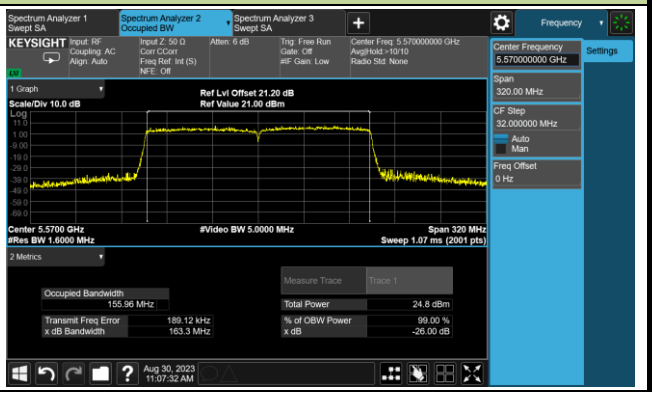
802.11ax-HE40 26dB & 99% Bandwidth	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	

802.11ax-HE40 26dB & 99% Bandwidth	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

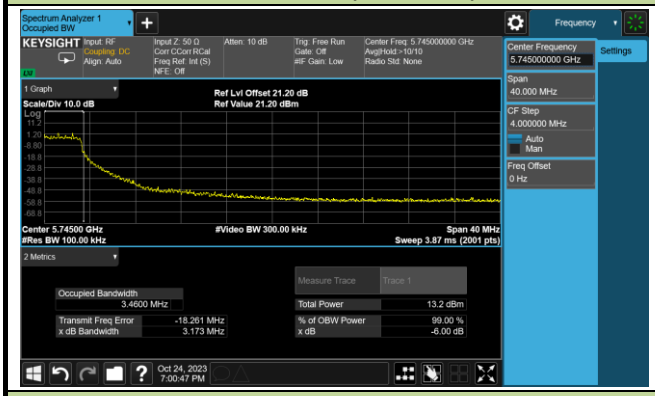
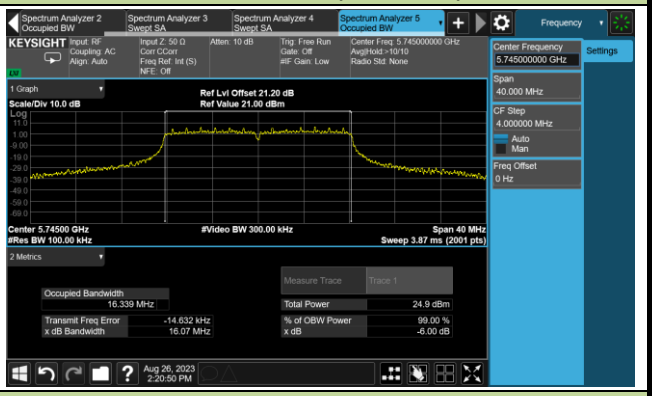
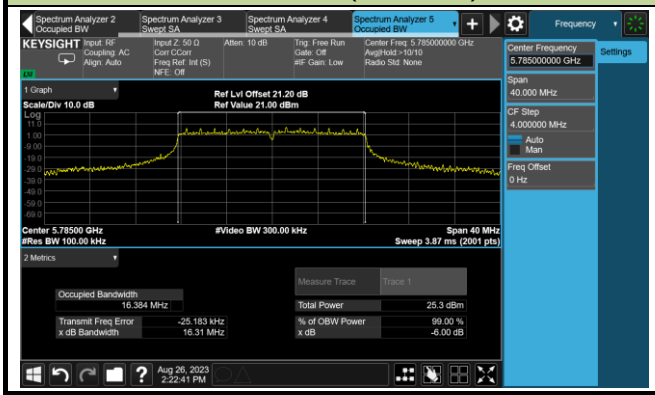
802.11ax-HE80 26dB & 99% Bandwidth	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

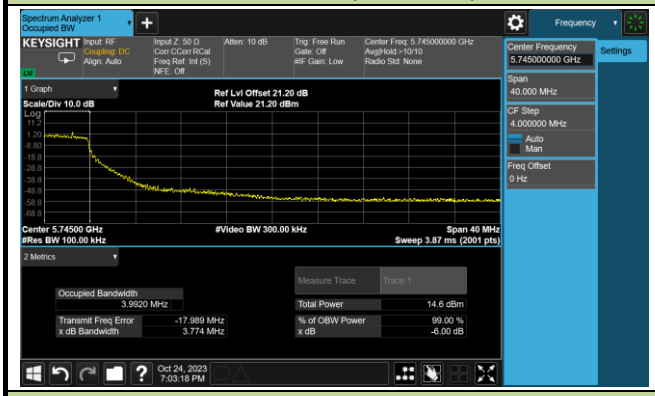
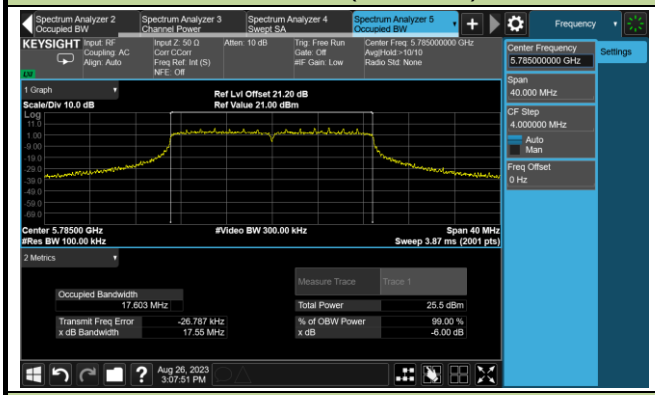
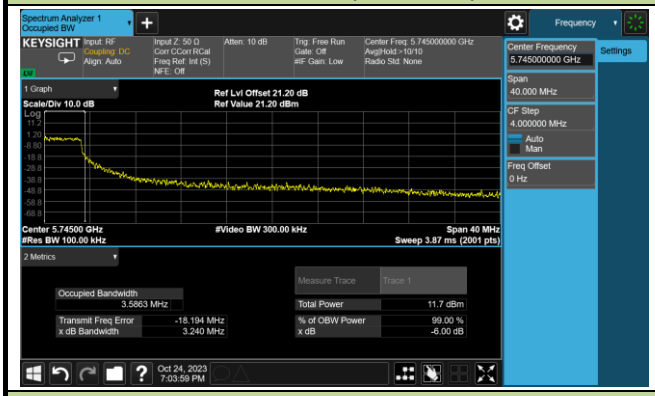
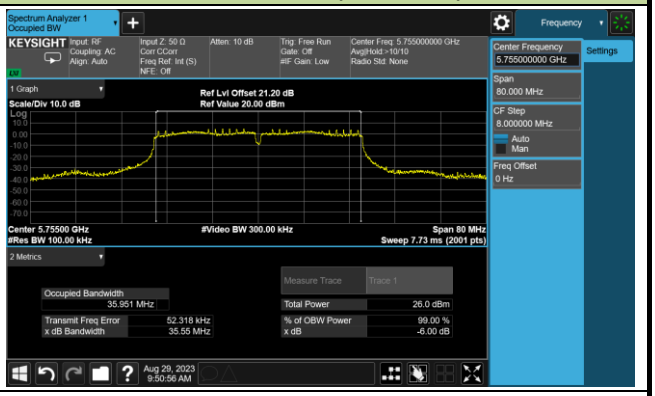
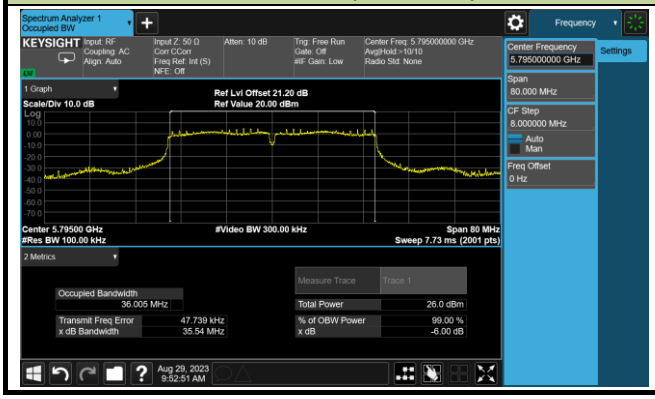
802.11ax-HE80+80 26dB & 99% Bandwidth	
Channel 42+58 (5210+5290MHz)	Channel 106+122 (5530+5610MHz)
	

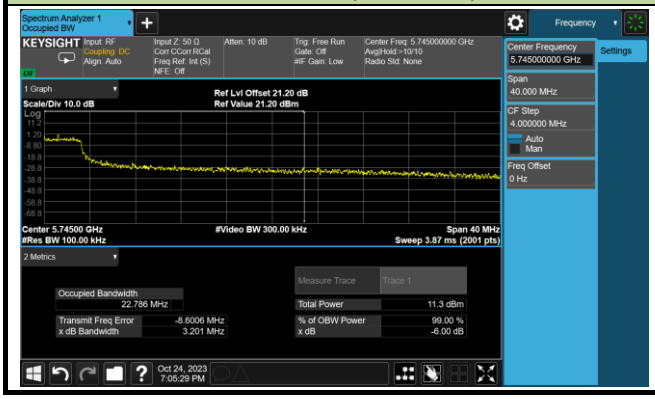
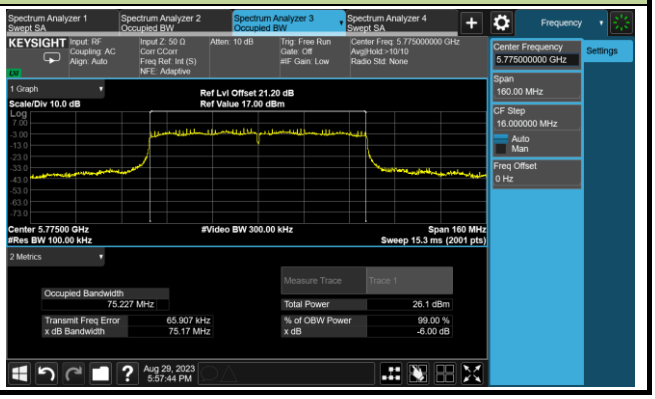
A.3 6dB Bandwidth Test Result

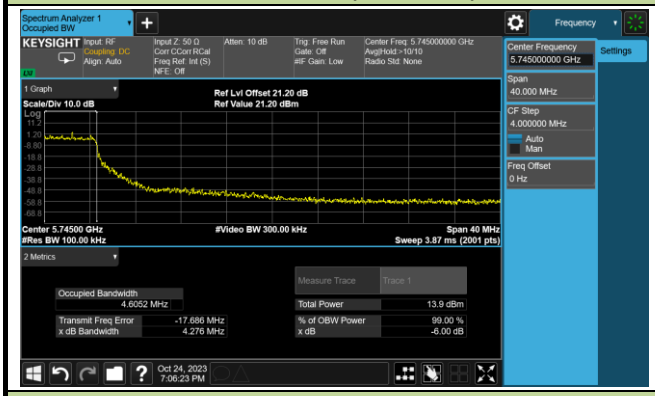
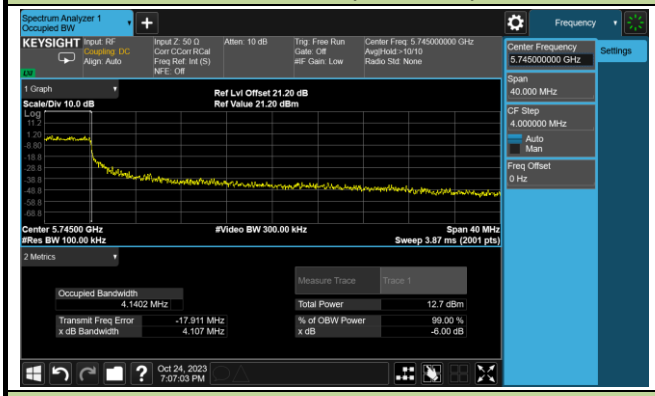
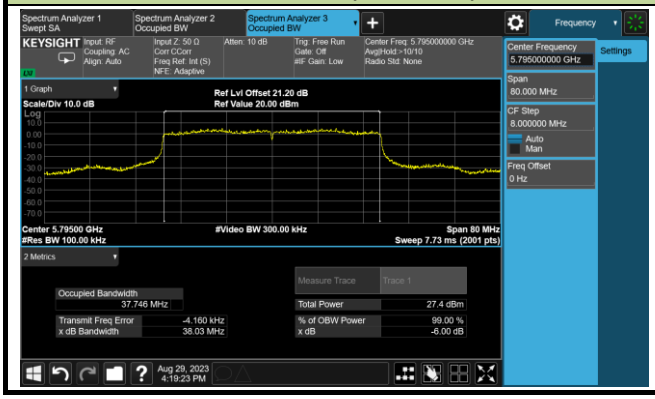
Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2023-08-26 ~ 2023-10-24		

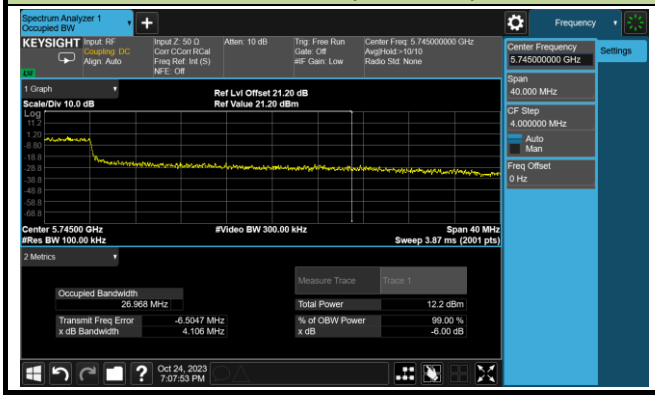
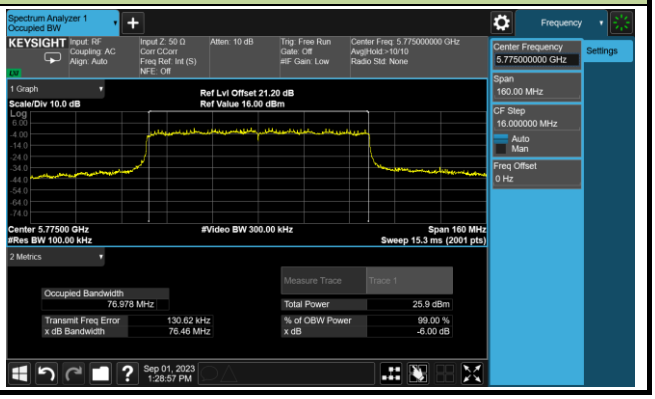
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
11a	6Mbps	144	5720	3.173	≥0.5
11a	6Mbps	149	5745	16.07	≥0.5
11a	6Mbps	157	5785	16.31	≥0.5
11a	6Mbps	165	5825	16.04	≥0.5
11ac-VHT20	MCS0	144	5720	3.774	≥0.5
11ac-VHT20	MCS0	149	5745	17.58	≥0.5
11ac-VHT20	MCS0	157	5785	17.55	≥0.5
11ac-VHT20	MCS0	165	5825	17.00	≥0.5
11ac-VHT40	MCS0	142	5710	3.240	≥0.5
11ac-VHT40	MCS0	151	5755	35.55	≥0.5
11ac-VHT40	MCS0	159	5795	35.54	≥0.5
11ac-VHT80	MCS0	138	5690	3.201	≥0.5
11ac-VHT80	MCS0	155	5775	75.17	≥0.5
11ax-HE20	MCS0	144	5720	4.276	≥0.5
11ax-HE20	MCS0	149	5745	18.81	≥0.5
11ax-HE20	MCS0	157	5785	18.64	≥0.5
11ax-HE20	MCS0	165	5825	18.77	≥0.5
11ax-HE40	MCS0	142	5710	4.107	≥0.5
11ax-HE40	MCS0	151	5755	37.62	≥0.5
11ax-HE40	MCS0	159	5795	38.03	≥0.5
11ax-HE80	MCS0	138	5690	4.106	≥0.5
11ax-HE80	MCS0	155	5775	76.46	≥0.5

802.11a 6dB Bandwidth	
Channel 144 (5720MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

802.11ac-VHT20 6dB Bandwidth	
Channel 144 (5720MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	
802.11ac-VHT40 6dB Bandwidth	
Channel 142 (5710MHz)	Channel 151 (5755MHz)
	
Channel 159 (5795MHz)	
	

802.11ac-VHT80 6dB Bandwidth	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

802.11ax-HE20 6dB Bandwidth	
Channel 144 (5720MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	
802.11ac-VHT40 6dB Bandwidth	
Channel 142 (5710MHz)	Channel 151 (5755MHz)
	
Channel 159 (5795MHz)	
	

802.11ax-HE80 6dB Bandwidth	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

A.4 Output Power Test Result

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2023-08-26 ~ 2023-09-08		

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Power (dBm)	Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11a	6Mbps	36	5180	16.00	16.45	16.87	16.43	22.47	≤ 30.00
11a	6Mbps	44	5220	17.78	17.56	18.22	17.83	23.87	≤ 30.00
11a	6Mbps	48	5240	18.19	18.10	18.44	18.25	24.27	≤ 30.00
11a	6Mbps	52	5260	12.43	12.40	12.79	12.49	18.55	≤ 23.78
11a	6Mbps	60	5300	11.78	11.58	12.36	11.70	17.89	≤ 23.79
11a	6Mbps	64	5320	11.46	11.28	12.11	11.85	17.71	≤ 23.81
11a	6Mbps	100	5500	12.03	12.29	12.57	12.38	18.34	≤ 23.82
11a	6Mbps	116	5580	12.27	11.94	12.24	12.26	18.20	≤ 23.81
11a	6Mbps	140	5700	11.71	11.93	11.78	11.82	17.83	≤ 23.85
11a	6Mbps	144	5720	11.65	11.52	11.48	11.60	17.58	≤ 22.61
11a	6Mbps	149	5745	18.08	18.04	18.17	17.95	24.08	≤ 30.00
11a	6Mbps	157	5785	17.92	17.95	18.03	17.71	23.92	≤ 30.00
11a	6Mbps	165	5825	18.41	18.11	18.35	18.39	24.34	≤ 30.00
11ac-VHT20	MCS0	36	5180	16.06	16.28	16.72	16.48	22.41	≤ 30.00
11ac-VHT20	MCS0	44	5220	17.59	17.77	18.36	17.87	23.93	≤ 30.00
11ac-VHT20	MCS0	48	5240	17.85	17.53	18.01	17.93	23.85	≤ 30.00
11ac-VHT20	MCS0	52	5260	12.34	12.23	12.61	12.31	18.40	≤ 23.98
11ac-VHT20	MCS0	60	5300	12.78	12.56	13.28	12.75	18.87	≤ 23.98
11ac-VHT20	MCS0	64	5320	12.41	12.14	12.84	12.58	18.52	≤ 23.98
11ac-VHT20	MCS0	100	5500	12.60	12.11	12.50	12.38	18.42	≤ 23.98
11ac-VHT20	MCS0	116	5580	12.28	12.24	12.79	12.71	18.53	≤ 23.98
11ac-VHT20	MCS0	140	5700	12.25	12.42	12.49	12.16	18.35	≤ 23.98
11ac-VHT20	MCS0	144	5720	11.80	12.16	11.98	12.01	18.01	≤ 22.79
11ac-VHT20	MCS0	149	5745	18.28	18.05	18.24	17.77	24.11	≤ 30.00
11ac-VHT20	MCS0	157	5785	17.90	17.86	17.98	18.00	23.96	≤ 30.00
11ac-VHT20	MCS0	165	5825	18.04	18.21	18.15	18.22	24.18	≤ 30.00
11ac-VHT40	MCS0	38	5190	13.29	13.03	13.70	13.24	19.34	≤ 30.00
11ac-VHT40	MCS0	46	5230	18.13	17.80	18.46	18.11	24.15	≤ 30.00
11ac-VHT40	MCS0	54	5270	15.61	15.25	16.05	15.42	21.61	≤ 23.98
11ac-VHT40	MCS0	62	5310	15.40	15.08	15.98	15.42	21.50	≤ 23.98
11ac-VHT40	MCS0	102	5510	15.14	15.26	15.67	15.52	21.42	≤ 23.98

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Power (dBm)	Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11ac-VHT40	MCS0	110	5550	15.64	15.55	16.06	15.68	21.76	≤ 23.98
11ac-VHT40	MCS0	134	5670	15.30	15.25	15.20	14.93	21.19	≤ 23.98
11ac-VHT40	MCS0	142	5710	15.23	15.26	15.14	15.04	21.19	≤ 23.98
11ac-VHT40	MCS0	151	5755	18.35	18.05	17.86	17.95	24.08	≤ 30.00
11ac-VHT40	MCS0	159	5795	18.29	18.13	17.96	18.16	24.16	≤ 30.00
11ac-VHT80	MCS0	42	5210	12.14	11.80	12.35	12.12	18.13	≤ 30.00
11ac-VHT80	MCS0	58	5290	15.35	14.93	15.85	15.33	21.40	≤ 23.98
11ac-VHT80	MCS0	106	5530	13.06	12.91	13.63	13.33	19.26	≤ 23.98
11ac-VHT80	MCS0	122	5610	17.49	17.50	17.65	17.39	23.53	≤ 23.98
11ac-VHT80	MCS0	138	5690	17.62	17.64	17.58	17.32	23.56	≤ 23.98
11ac-VHT80	MCS0	155	5775	17.74	17.42	17.29	17.43	23.49	≤ 30.00
11ac-VHT80+80	MCS0	42	5210	14.16	14.08	--	--	17.13	≤ 30.00
11ac-VHT80+80	MCS0	58	5290	--	--	14.51	14.19	17.36	≤ 23.98
11ac-VHT80+80	MCS0	106	5530	13.69	13.57	--	--	19.78	≤ 23.98
11ac-VHT80+80	MCS0	122	5610	--	--	14.01	13.76		
11ax-HE20	MCS0	36	5180	15.77	15.99	16.48	16.11	22.12	≤ 30.00
11ax-HE20	MCS0	44	5220	17.94	17.78	18.42	18.02	24.07	≤ 30.00
11ax-HE20	MCS0	48	5240	17.95	18.04	18.17	17.84	24.02	≤ 30.00
11ax-HE20	MCS0	52	5260	13.03	13.12	13.46	13.30	19.25	≤ 23.98
11ax-HE20	MCS0	60	5300	12.49	12.20	13.02	12.42	18.56	≤ 23.98
11ax-HE20	MCS0	64	5320	12.71	12.61	13.37	12.90	18.93	≤ 23.98
11ax-HE20	MCS0	100	5500	13.07	12.75	13.16	13.11	19.05	≤ 23.98
11ax-HE20	MCS0	116	5580	12.77	12.56	13.00	12.84	18.82	≤ 23.98
11ax-HE20	MCS0	140	5700	12.53	12.37	12.69	12.44	18.53	≤ 23.98
11ax-HE20	MCS0	144	5720	12.27	12.32	12.28	12.56	18.38	≤ 22.99
11ax-HE20	MCS0	149	5745	18.27	18.05	18.29	18.18	24.22	≤ 30.00
11ax-HE20	MCS0	157	5785	18.15	17.90	18.03	17.96	24.03	≤ 30.00
11ax-HE20	MCS0	165	5825	18.47	18.28	18.40	18.33	24.39	≤ 30.00
11ax-HE40	MCS0	38	5190	12.11	11.90	11.12	11.09	17.60	≤ 30.00
11ax-HE40	MCS0	46	5230	18.32	17.41	18.07	17.45	23.85	≤ 30.00
11ax-HE40	MCS0	54	5270	14.83	14.26	14.71	14.11	23.83	≤ 23.98
11ax-HE40	MCS0	62	5310	14.84	14.58	14.15	14.16	20.46	≤ 23.98
11ax-HE40	MCS0	102	5510	14.31	14.41	14.83	14.32	20.49	≤ 23.98
11ax-HE40	MCS0	110	5550	14.62	14.71	15.15	15.31	20.98	≤ 23.98
11ax-HE40	MCS0	134	5670	14.60	14.06	14.13	14.32	20.30	≤ 23.98

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Power (dBm)	Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11ax-HE40	MCS0	142	5710	14.84	14.45	13.80	14.01	20.31	≤ 23.98
11ax-HE40	MCS0	151	5755	18.26	17.36	17.59	17.42	23.69	≤ 30.00
11ax-HE40	MCS0	159	5795	16.83	16.45	16.32	17.02	22.68	≤ 30.00
11ax-HE80	MCS0	42	5210	10.36	9.43	10.11	10.29	16.08	≤ 30.00
11ax-HE80	MCS0	58	5290	14.24	13.15	14.08	13.72	19.84	≤ 23.98
11ax-HE80	MCS0	106	5530	11.17	11.09	11.45	11.96	17.45	≤ 23.98
11ax-HE80	MCS0	122	5610	16.72	16.55	17.11	16.22	22.68	≤ 23.98
11ax-HE80	MCS0	138	5690	17.32	16.12	16.43	16.22	22.57	≤ 23.98
11ax-HE80	MCS0	155	5775	16.55	16.32	16.04	16.60	22.40	≤ 30.00
11ax-HE80+80	MCS0	42	5210	13.41	14.29	--	--	16.88	≤ 30.00
11ax-HE80+80	MCS0	58	5290	--	--	14.26	13.83	17.06	≤ 23.98
11ax-HE80+80	MCS0	106	5530	11.96	12.78	--	--	18.76	≤ 23.98
11ax-HE80+80	MCS0	122	5610	--	--	13.15	12.96		

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

Note 2: For Straddle channels fall within NII-2C, Average Power Limit = 23.98dBm or $11+10*\log_{10}EBW_{2C}$ which is less.

Note 3: For Straddle channels fall within NII-3, Average Power Limit = 30dBm, that is higher than 23.98dBm. The total channel's output power can satisfy NII-2C limit, so the power fall within NII-3 also can satisfy NII-3 limit.

A.5 Power Spectral Density Test Result

Test Site	WZ-SR5	Test Engineer	Liz Yuan
Test Date	2023-08-26 ~ 2023-09-08		
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)	Limit (dBm/MHz)
				Ant 0	Ant 1	Ant 2	Ant 3			
11a	6Mbps	36	5180	4.213	4.337	4.769	5.085	93.74	10.92	≤ 13.68
11a	6Mbps	44	5220	5.747	5.641	5.834	6.330	93.74	12.20	≤ 13.68
11a	6Mbps	48	5240	6.086	5.754	6.188	6.450	93.74	12.43	≤ 13.68
11a	6Mbps	52	5260	0.985	0.600	1.308	1.366	93.74	7.38	≤ 7.68
11a	6Mbps	60	5300	1.081	0.858	1.060	0.954	93.74	7.29	≤ 7.68
11a	6Mbps	64	5320	0.940	0.230	1.088	1.250	93.74	7.20	≤ 7.68
11a	6Mbps	100	5500	1.182	0.706	0.992	1.434	93.74	7.39	≤ 7.68
11a	6Mbps	116	5580	1.274	1.106	0.937	1.299	93.74	7.46	≤ 7.68
11a	6Mbps	140	5700	1.557	1.462	0.688	0.836	93.74	7.45	≤ 7.68
11a	6Mbps	144	5720	1.369	1.293	0.432	0.970	93.74	7.33	≤ 7.68
11ac-VHT20	MCS0	36	5180	4.351	4.507	5.084	4.867	94.93	10.96	≤ 13.68
11ac-VHT20	MCS0	44	5220	5.534	5.797	5.925	5.632	94.93	11.97	≤ 13.68
11ac-VHT20	MCS0	48	5240	5.417	5.373	5.967	5.605	94.93	11.84	≤ 13.68
11ac-VHT20	MCS0	52	5260	0.933	0.681	0.896	1.354	94.93	7.22	≤ 7.68
11ac-VHT20	MCS0	60	5300	1.303	1.202	1.185	1.581	94.93	7.57	≤ 7.68
11ac-VHT20	MCS0	64	5320	1.149	0.637	1.645	1.763	94.93	7.57	≤ 7.68
11ac-VHT20	MCS0	100	5500	1.552	0.348	0.707	0.768	94.93	7.11	≤ 7.68
11ac-VHT20	MCS0	116	5580	2.263	0.829	1.085	0.979	94.93	7.57	≤ 7.68
11ac-VHT20	MCS0	140	5700	1.088	1.424	1.055	0.728	94.93	7.33	≤ 7.68
11ac-VHT20	MCS0	144	5720	1.591	0.755	0.631	1.037	94.93	7.27	≤ 7.68
11ac-VHT40	MCS0	38	5190	-1.520	-1.872	-0.950	-0.997	97.76	4.80	≤ 13.68
11ac-VHT40	MCS0	46	5230	3.318	2.902	3.841	3.717	97.76	9.58	≤ 13.68
11ac-VHT40	MCS0	54	5270	1.252	0.675	1.845	1.502	97.76	7.46	≤ 7.68
11ac-VHT40	MCS0	62	5310	1.336	0.465	1.545	1.279	97.76	7.29	≤ 7.68
11ac-VHT40	MCS0	102	5510	1.325	0.600	1.005	1.301	97.76	7.19	≤ 7.68
11ac-VHT40	MCS0	110	5550	1.822	1.081	1.213	1.539	97.76	7.54	≤ 7.68
11ac-VHT40	MCS0	134	5670	1.483	1.972	0.754	0.864	97.76	7.42	≤ 7.68
11ac-VHT40	MCS0	142	5710	1.611	1.787	0.493	1.079	97.76	7.39	≤ 7.68

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	Ant 2	Ant 3			
11ac-VHT80	MCS0	42	5210	-5.352	-5.934	-5.235	-5.159	94.76	0.84	≤ 13.68
11ac-VHT80	MCS0	58	5290	-1.72.6	-2.539	-1.559	-1.450	94.76	4.46	≤ 7.68
11ac-VHT80	MCS0	106	5530	-3.532	-4.659	-4.134	-3.798	94.76	2.24	≤ 7.68
11ac-VHT80	MCS0	122	5610	0.914	0.417	0.142	0.252	94.76	6.70	≤ 7.68
11ac-VHT80	MCS0	138	5690	0.916	0.736	0.015	0.127	94.76	6.72	≤ 7.68
11ac-VHT80+80	MCS0	42	5210	-3.789	-4.310	--	--	94.43	-0.78	≤ 13.68
11ac-VHT80+80	MCS0	58	5290	--	--	-3.248	-3.716	94.43	-0.22	≤ 7.68
11ac-VHT80+80	MCS0	106	5530	-3.592	-4.641	--	--	94.43	-0.83	≤ 8.98
11ac-VHT80+80	MCS0	122	5610	--	--	-4.515	-4.844	94.43	-1.32	≤ 8.98
11ax-HE20	MCS0	36	5180	3.233	3.576	4.106	3.717	95.44	9.89	≤ 13.68
11ax-HE20	MCS0	44	5220	5.841	5.343	6.224	5.769	95.44	12.03	≤ 13.68
11ax-HE20	MCS0	48	5240	5.712	5.825	6.082	5.994	95.44	12.13	≤ 13.68
11ax-HE20	MCS0	52	5260	1.064	1.165	1.294	1.819	95.44	7.57	≤ 7.68
11ax-HE20	MCS0	60	5300	0.771	0.692	1.015	1.343	95.44	7.19	≤ 7.68
11ax-HE20	MCS0	64	5320	1.485	0.665	1.499	1.425	95.44	7.51	≤ 7.68
11ax-HE20	MCS0	100	5500	1.019	0.701	0.962	1.189	95.44	7.19	≤ 7.68
11ax-HE20	MCS0	116	5580	1.843	1.264	0.963	1.273	95.44	7.57	≤ 7.68
11ax-HE20	MCS0	140	5700	1.537	0.736	0.669	1.033	95.44	7.23	≤ 7.68
11ax-HE20	MCS0	144	5720	1.256	0.988	0.634	1.227	95.44	7.26	≤ 7.68
11ax-HE40	MCS0	38	5190	-2.295	-2.504	-1.555	-1.713	97.84	4.12	≤ 13.68
11ax-HE40	MCS0	46	5230	4.257	3.589	4.553	4.461	97.84	10.35	≤ 13.68
11ax-HE40	MCS0	54	5270	1.294	0.567	1.591	1.358	97.84	7.33	≤ 7.68
11ax-HE40	MCS0	62	5310	1.179	0.730	1.784	1.245	97.84	7.37	≤ 7.68
11ax-HE40	MCS0	102	5510	1.320	0.611	1.166	1.405	97.84	7.25	≤ 7.68
11ax-HE40	MCS0	110	5550	1.675	1.107	1.285	1.563	97.84	7.53	≤ 7.68
11ax-HE40	MCS0	134	5670	1.333	1.828	0.764	0.965	97.84	7.36	≤ 7.68
11ax-HE40	MCS0	142	5710	1.606	1.676	0.429	1.006	97.84	7.32	≤ 7.68
11ax-HE80	MCS0	42	5210	-6.435	-6.858	-6.076	-6.109	94.62	-0.10	≤ 13.68
11ax-HE80	MCS0	58	5290	-2.046	-3.039	-1.830	-2.026	94.62	4.05	≤ 7.68
11ax-HE80	MCS0	106	5530	-4.232	-5.062	-4.696	-4.256	94.62	1.71	≤ 7.68
11ax-HE80	MCS0	122	5610	1.091	1.168	0.648	0.875	94.62	7.21	≤ 7.68
11ax-HE80	MCS0	138	5690	1.504	1.343	0.577	0.702	94.62	7.31	≤ 7.68

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	Ant 2	Ant 3			
11ax-HE80+80	MCS0	42	5210	-4.490	-4.278	--	--	94.46	-1.12	≤ 13.68
11ax-HE80+80	MCS0	58	5290	--	--	-3.549	-3.855	94.46	-0.69	≤ 7.68
11ax-HE80+80	MCS0	106	5530	-5.456	-5.386	--	--	94.46	-2.16	≤ 8.98
11ax-HE80+80	MCS0	122	5610	--	--	-5.027	-5.107	94.46	-1.81	≤ 8.98

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: For NII-1, Limit = 17 – (9.32 - 6) = 13.68.

For NII-2a and NII-2c, Limit = 11 - (9.32 - 6) = 7.68.

Note 3: For straddle channels, the max PSD level was recorded, and the limit in NII-2C is more stringent than NII-3 band, so the test result complied with NII-3 limit as the NII-2C limit list in table above complied.

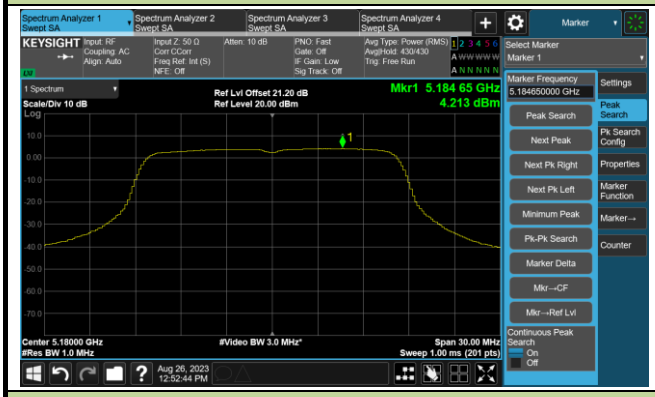
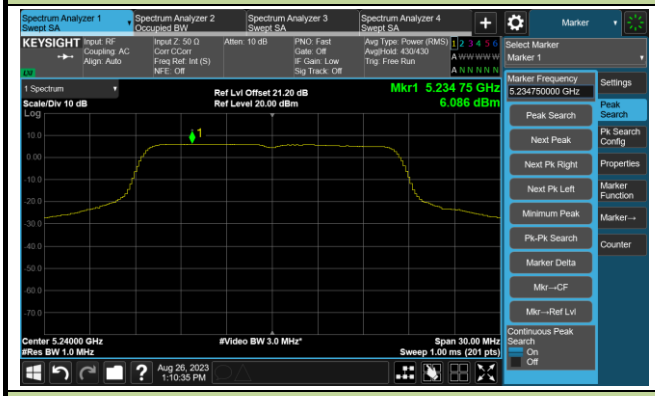
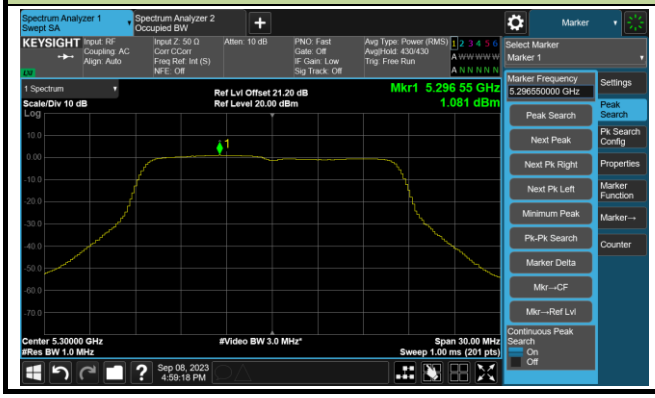
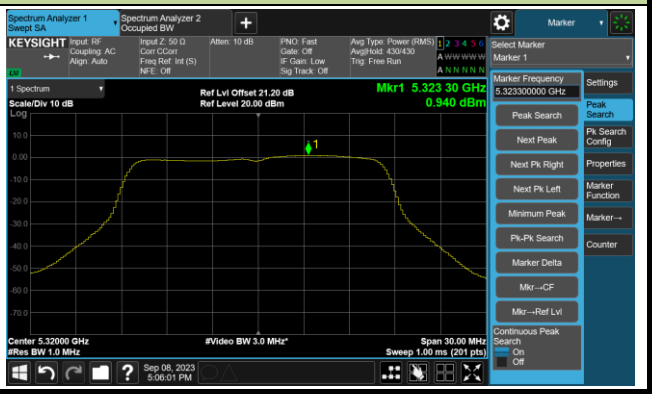
Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2023-08-26 ~ 2023-09-08		
Test Item	Power Spectral Density (UNII-Band 3)		

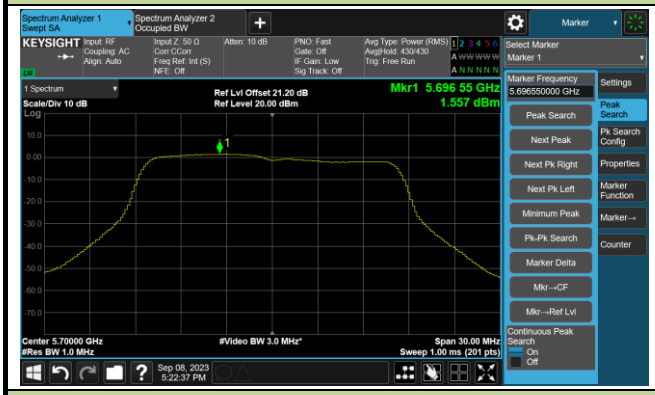
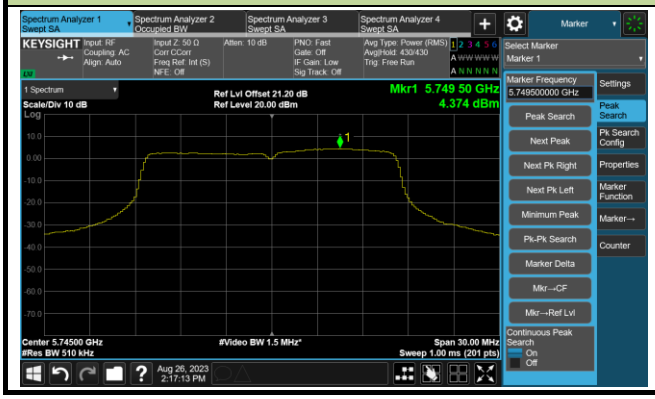
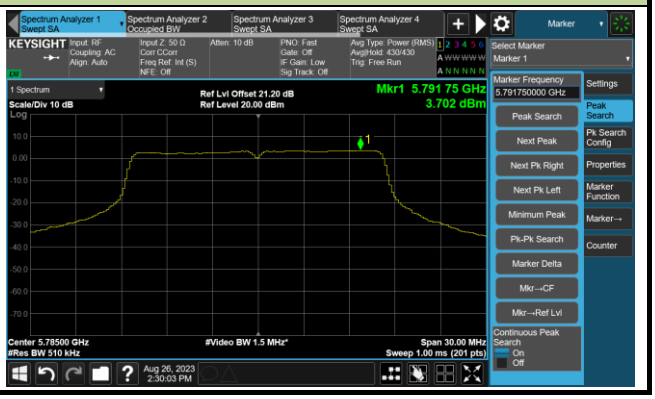
Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ 510KHz)				Duty Cycle (%)	Total PSD (dBm/ 510KHz)	PSD Limit (dBm/ 500KHz)
				Ant 0	Ant 1	Ant 2	Ant 3			
11a	6Mbps	149	5745	4.374	4.492	3.579	3.962	93.74	10.42	≤ 26.68
11a	6Mbps	157	5785	3.702	4.394	3.832	3.779	93.74	10.24	≤ 26.68
11a	6Mbps	165	5825	4.179	3.981	3.955	4.237	93.74	10.39	≤ 26.68
11ac-VHT20	MCS0	149	5745	4.132	4.092	3.149	3.590	94.93	10.01	≤ 26.68
11ac-VHT20	MCS0	157	5785	4.082	4.385	3.058	3.924	94.93	10.14	≤ 26.68
11ac-VHT20	MCS0	165	5825	4.256	4.178	4.029	3.839	94.93	10.32	≤ 26.68
11ac-VHT40	MCS0	151	5755	1.319	1.469	0.389	1.122	97.76	7.21	≤ 26.68
11ac-VHT40	MCS0	159	5795	1.589	1.313	0.292	1.135	97.76	7.23	≤ 26.68
11ac-VHT80	MCS0	155	5775	-1.999	-2.014	-3.221	-2.649	94.76	3.81	≤ 26.68
11ax-HE20	MCS0	149	5745	4.422	4.000	3.371	3.275	95.44	10.02	≤ 26.68
11ax-HE20	MCS0	157	5785	3.715	3.702	3.211	3.804	95.44	9.84	≤ 26.68
11ax-HE20	MCS0	165	5825	4.663	4.195	3.523	4.072	95.44	10.36	≤ 26.68
11ax-HE40	MCS0	151	5755	1.971	1.947	0.788	1.434	97.84	7.68	≤ 26.68
11ax-HE40	MCS0	159	5795	0.960	0.797	-0.849	0.406	97.84	6.50	≤ 26.68
11ax-HE80	MCS0	155	5775	-1.743	-1.739	-3.087	-2.426	94.62	4.05	≤ 26.68

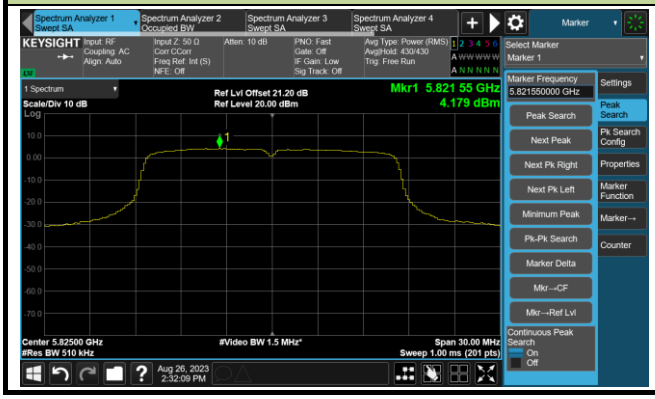
Note 1: When EUT duty cycle < 98%, the total PSD (dBm/510kHz) =10*log {$10^{(\text{Ant 0 AVGPSD}/10)}$ + $10^{(\text{Ant 1 AVGPSD}/10)}$ +$10^{(\text{Ant 2 AVGPSD}/10)}$ + $10^{(\text{Ant 3 AVGPSD}/10)}$} +10*log (1/Duty cycle).

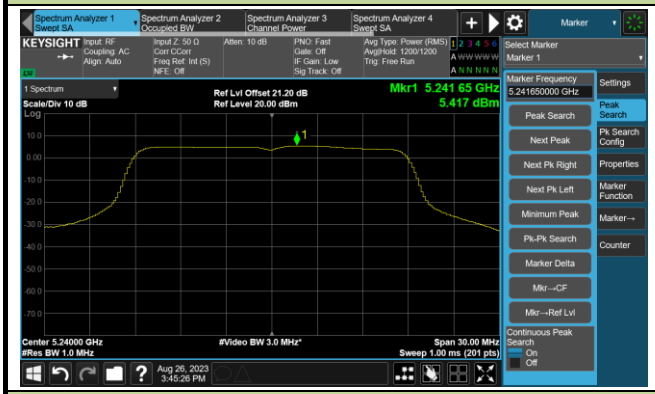
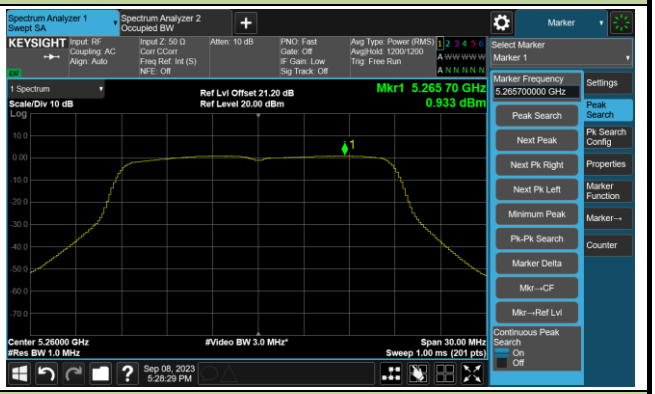
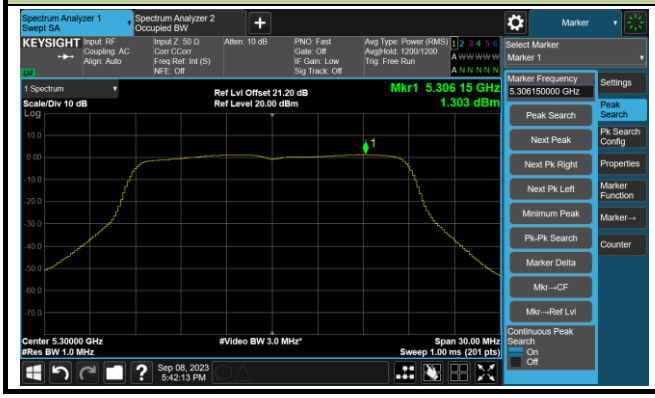
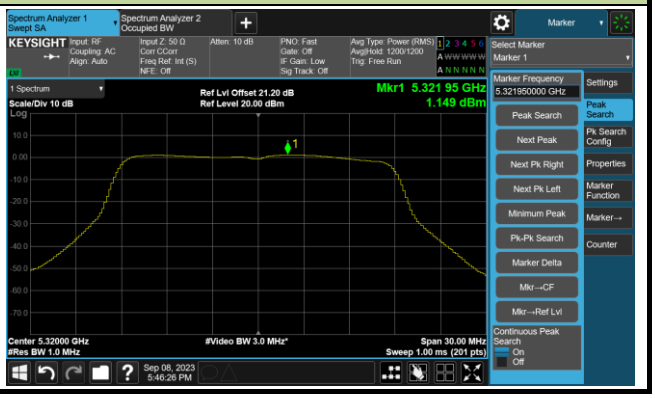
When EUT duty cycle ≥ 98%, the total PSD (dBm/510kHz) =10*log {$10^{(\text{Ant 0 AVGPSD}/10)}$ + $10^{(\text{Ant 1 AVGPSD}/10)}$ +$10^{(\text{Ant 2 AVGPSD}/10)}$ + $10^{(\text{Ant 3 AVGPSD}/10)}$}.

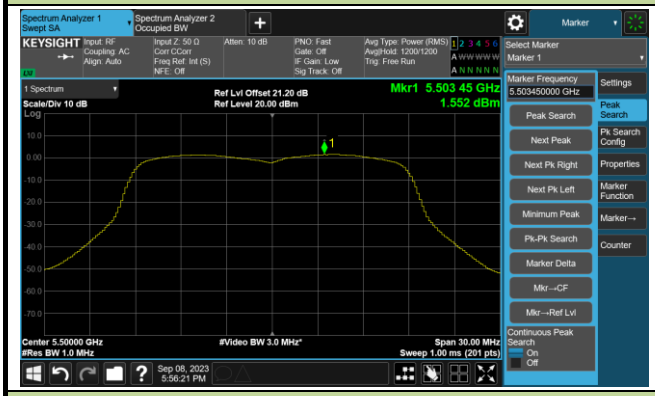
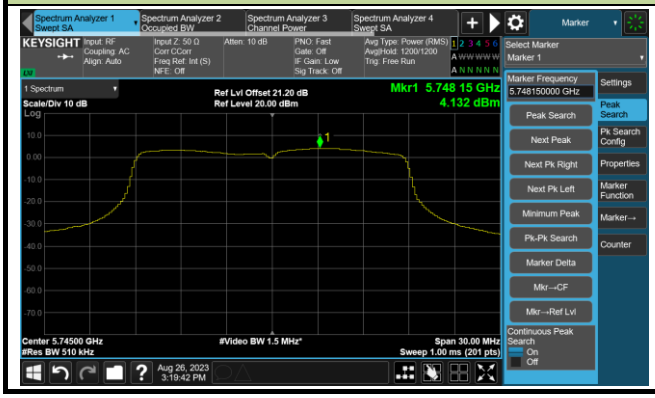
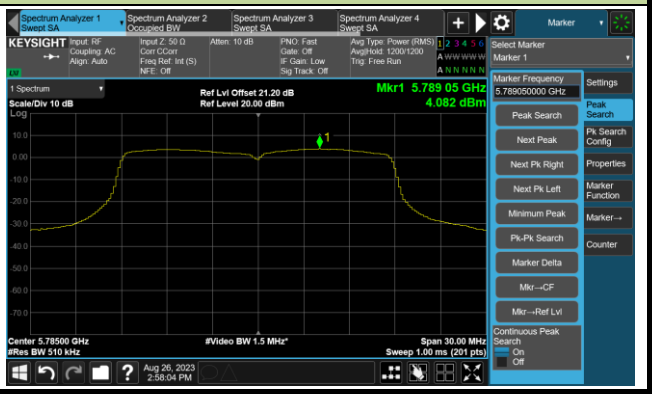
Note 2: For NII-3, Limit = 30 – (9.32 - 6) = 26.68.

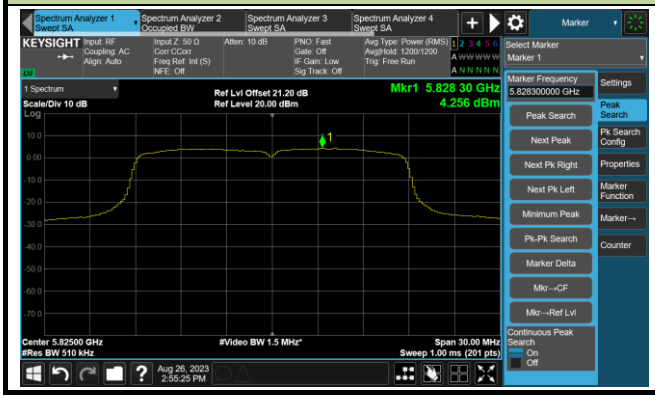
802.11a Power Spectral Density- Ant 0	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	

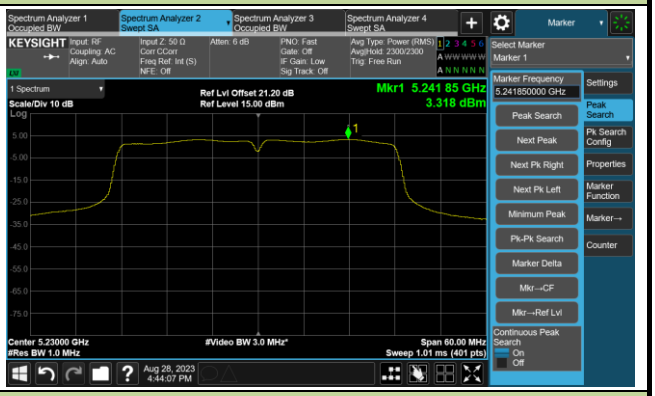
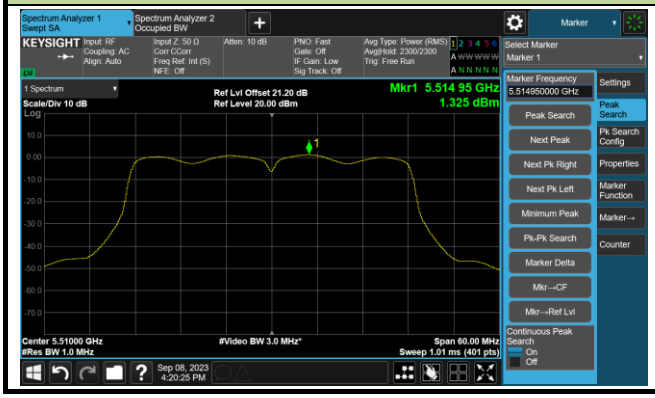
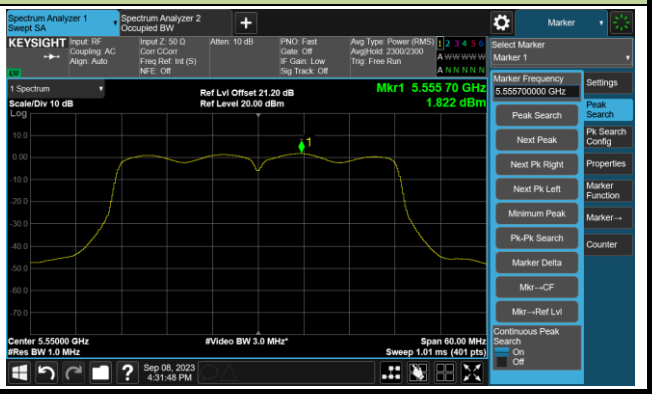
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 140 (5700MHz)	**Channel 144(5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

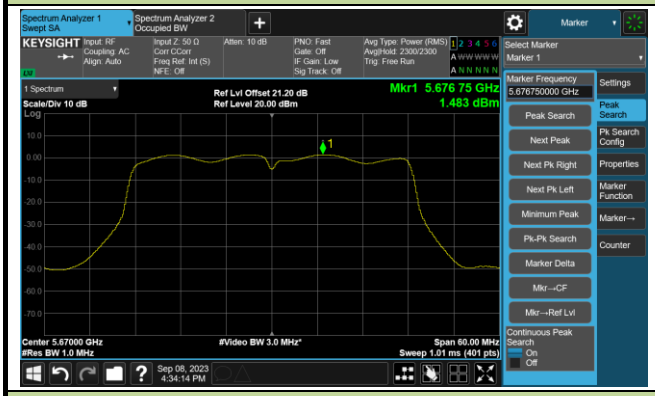
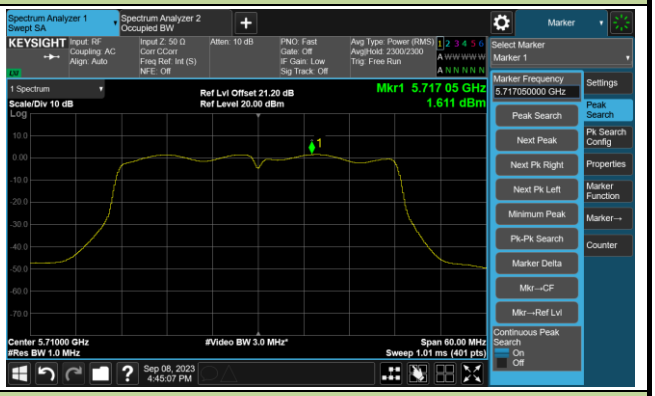
802.11a Power Spectral Density- Ant 0	
Channel 165 (5825MHz)	
	

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)
	

802.11ac-VHT20 Power Spectral Density- Ant 0	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	

802.11ac-VHT20 Power Spectral Density- Ant 0	
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)
	

802.11ac-VHT40 Power Spectral Density- Ant 0	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)