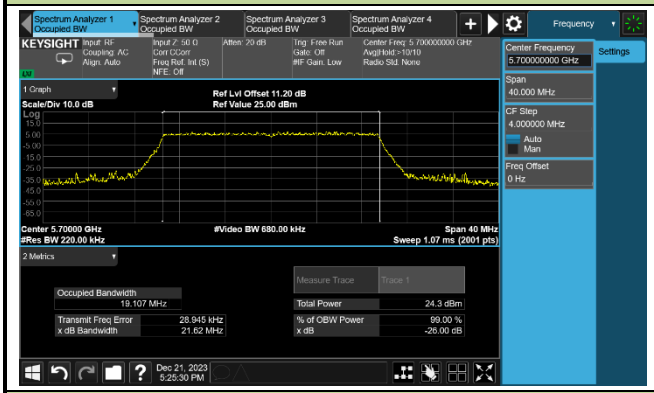
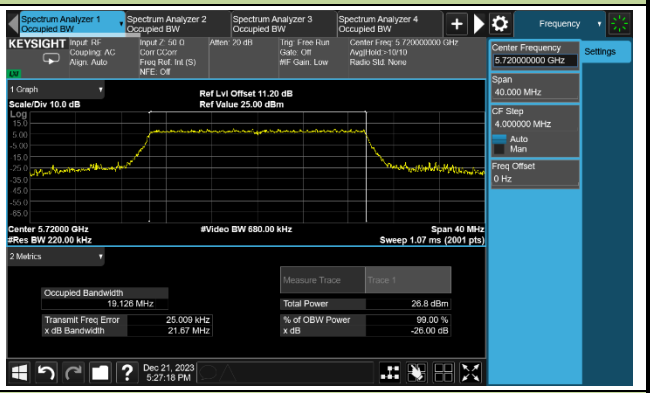
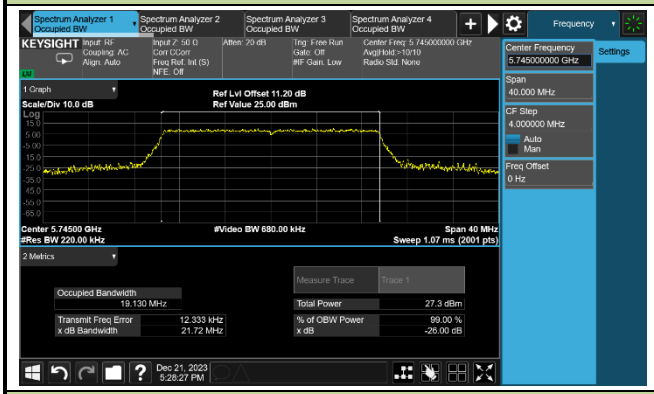
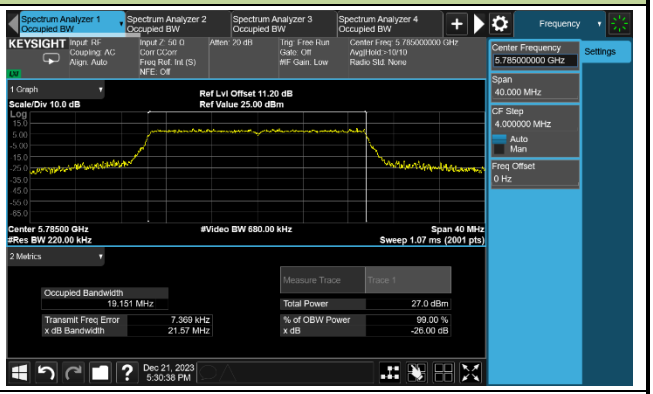
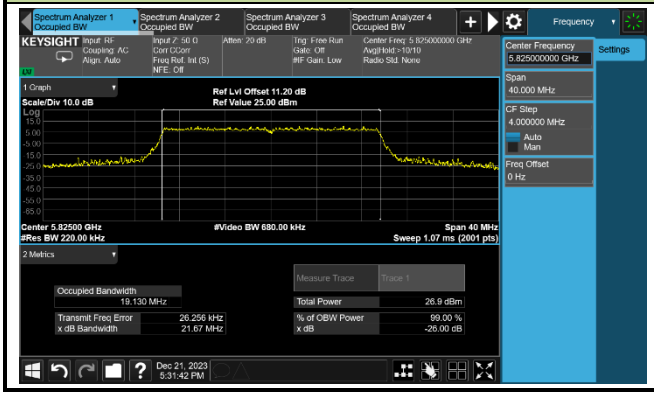
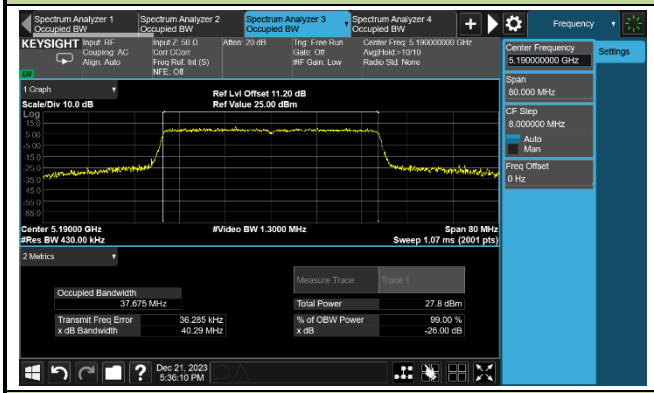
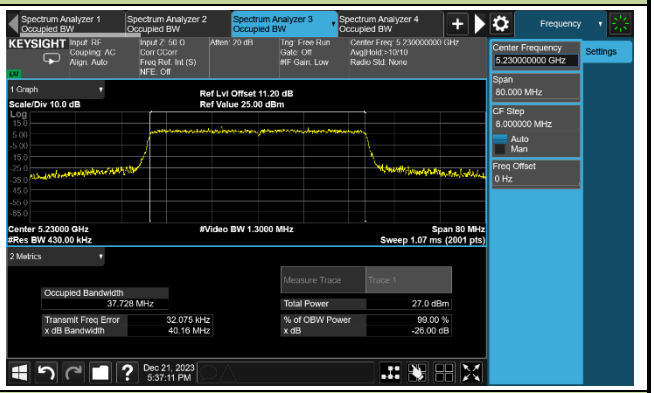
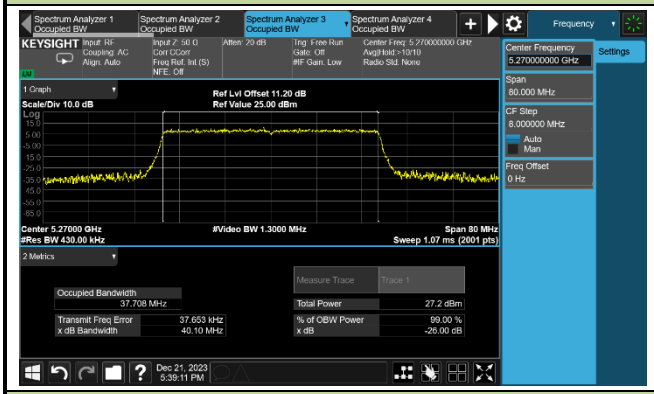
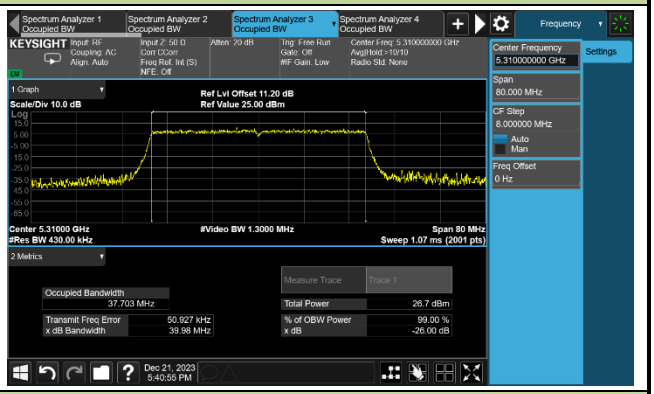
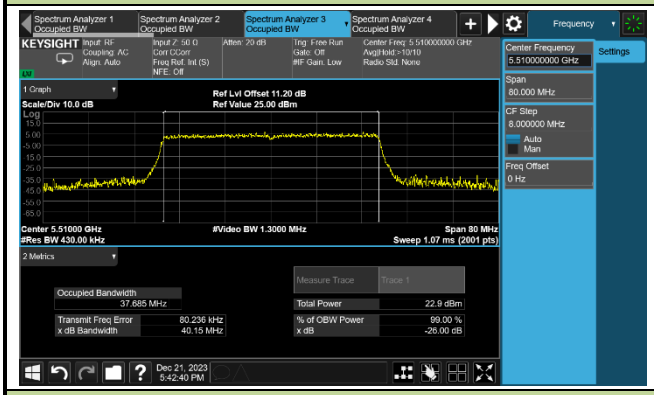
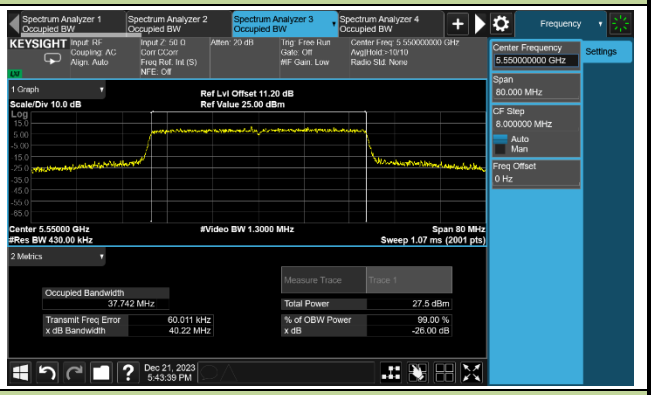
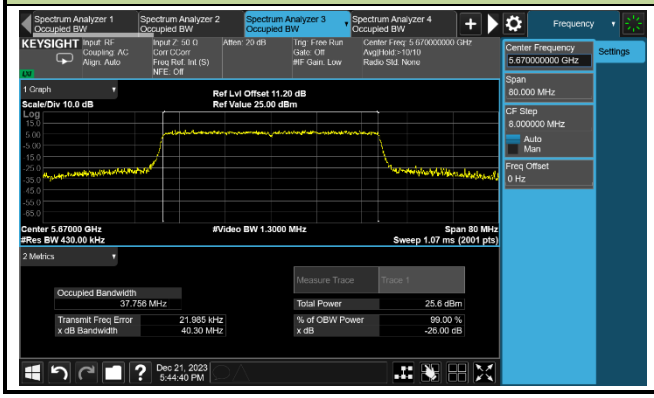
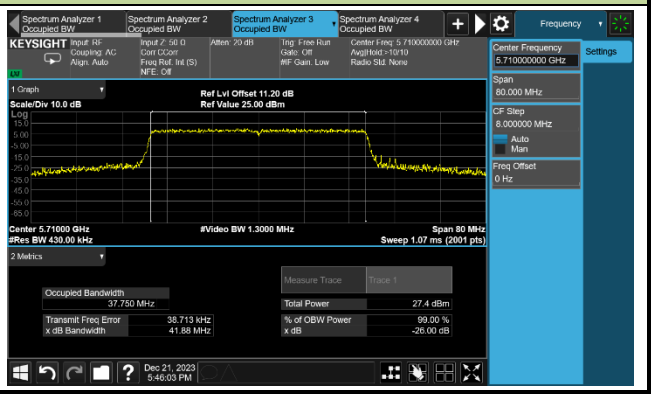
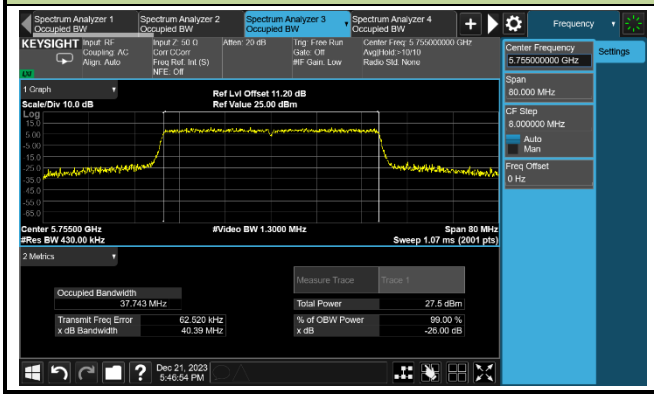
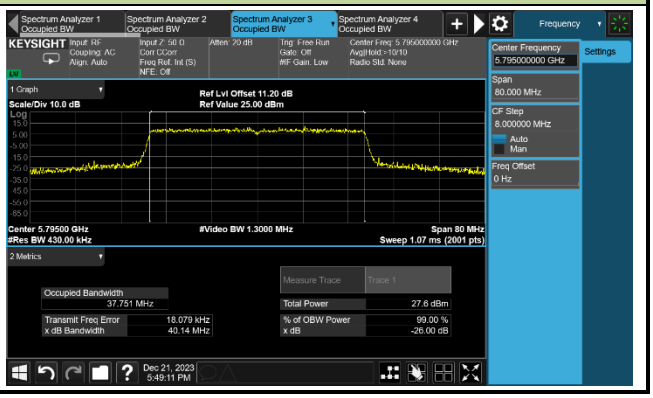
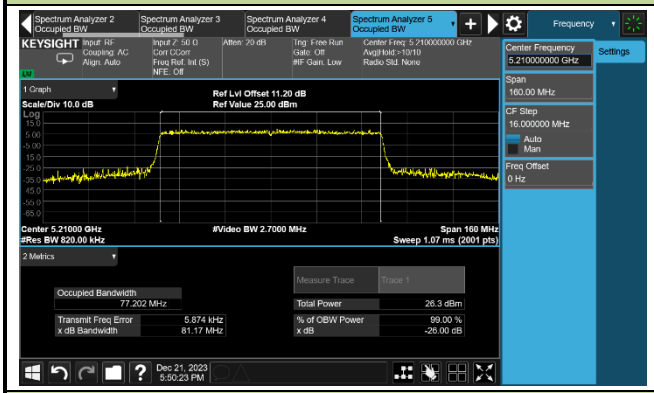
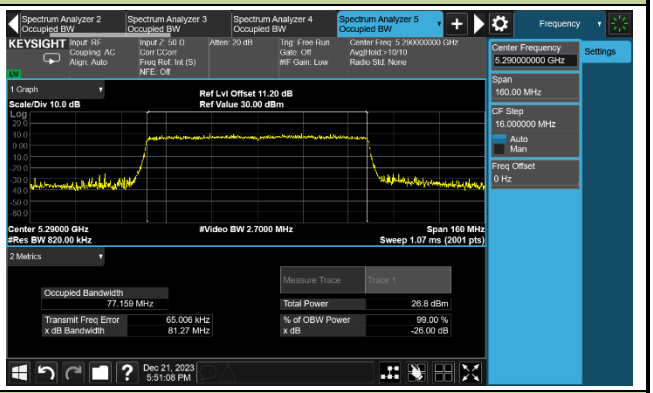
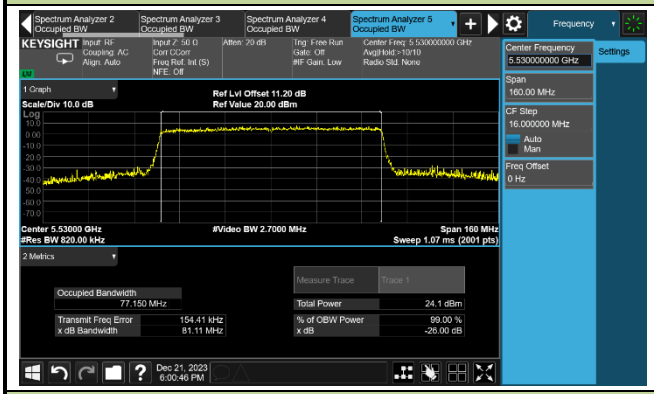
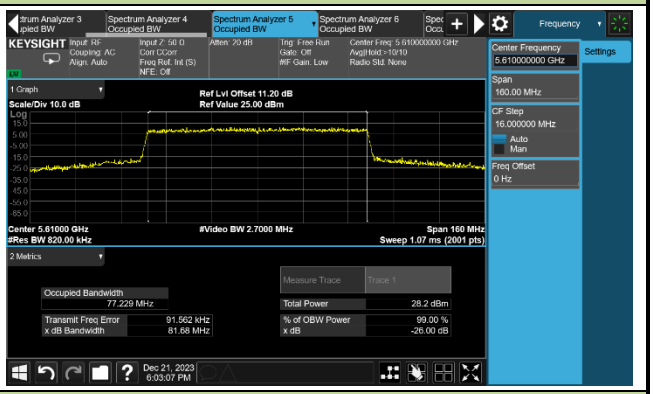
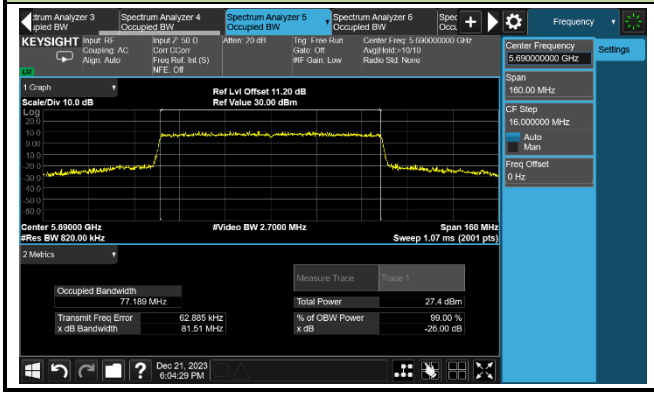
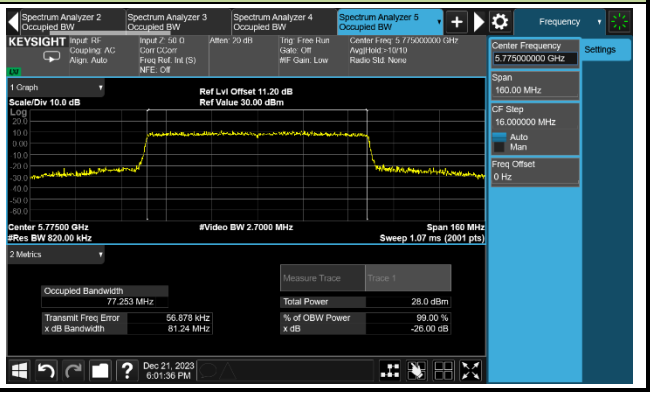
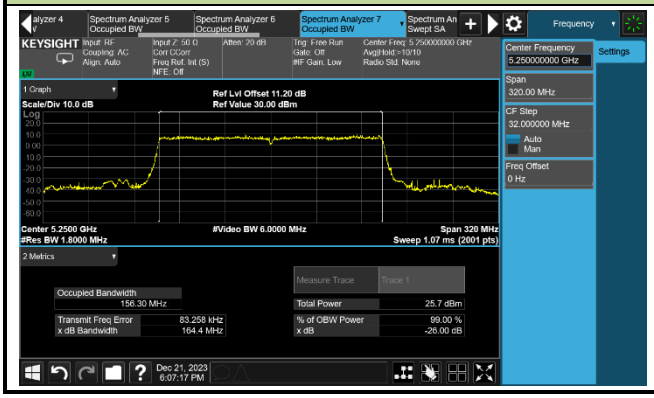
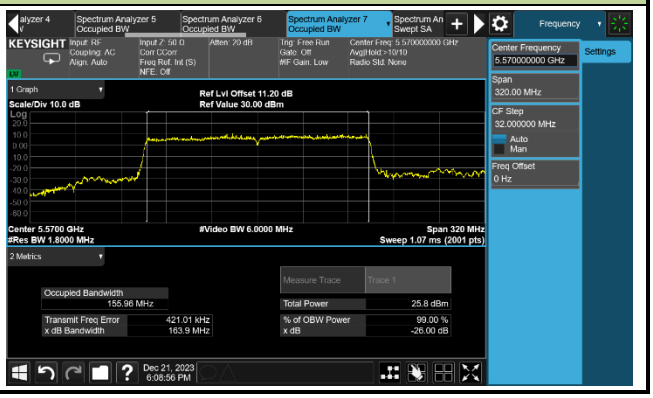
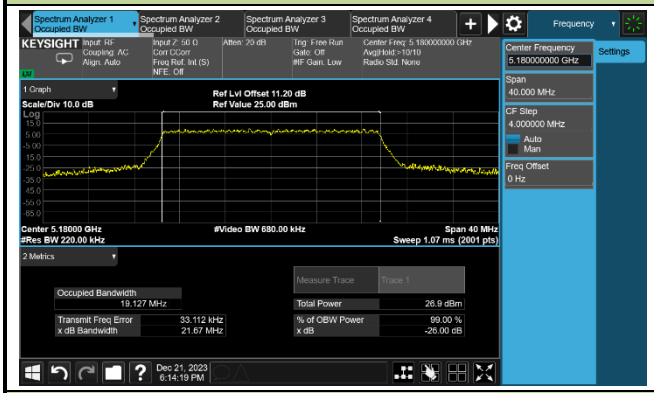
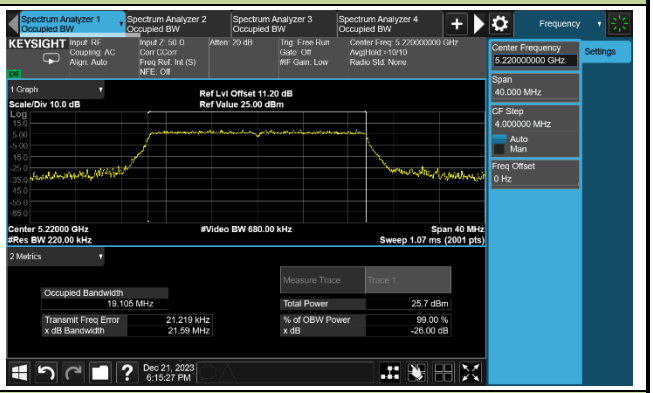
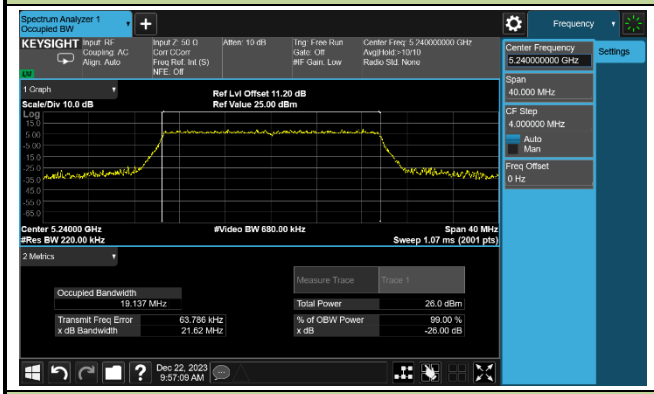
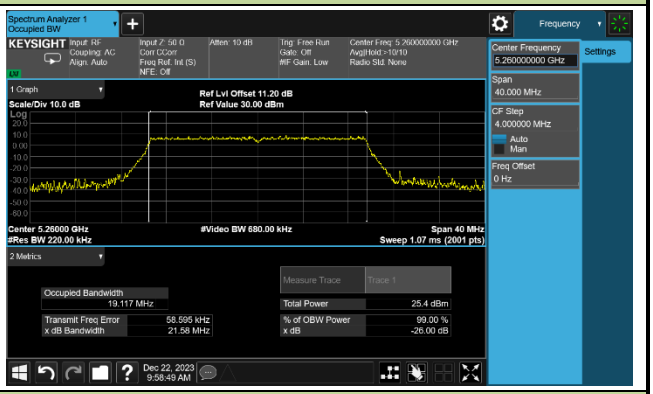
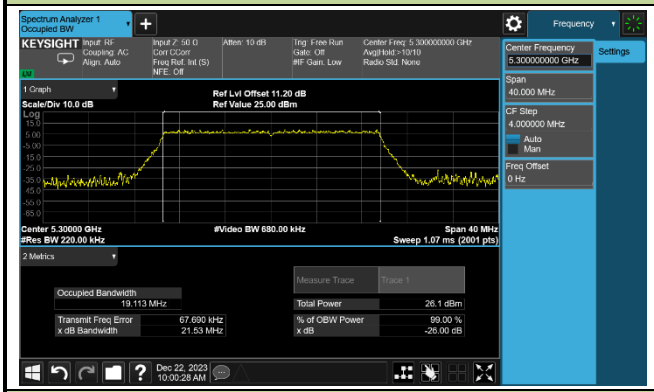
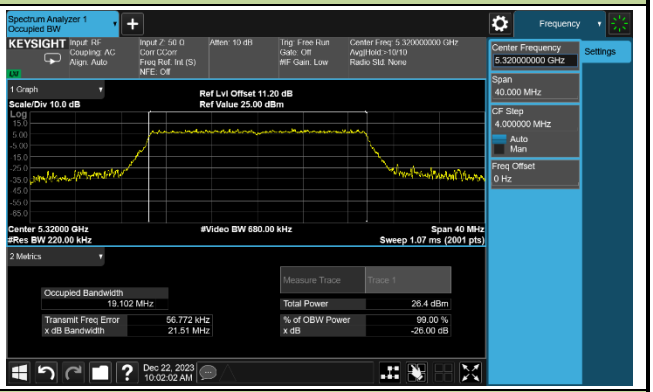
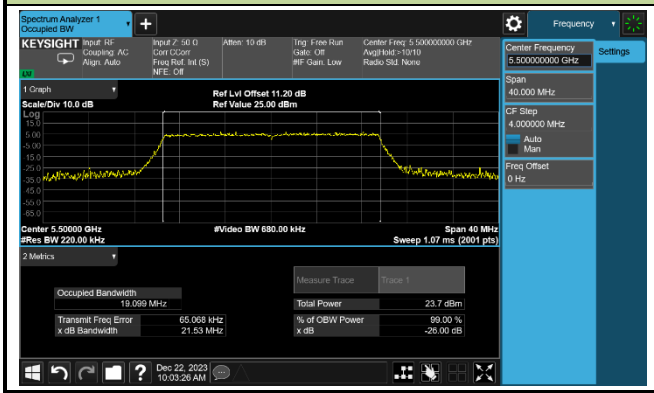
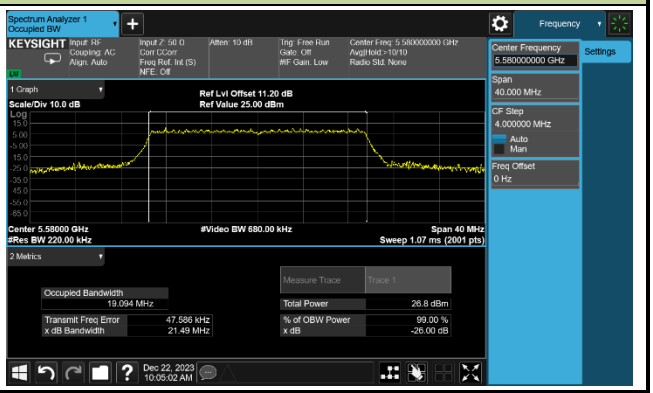
802.11ax-HE20 26dB Bandwidth & 99% Bandwidth	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

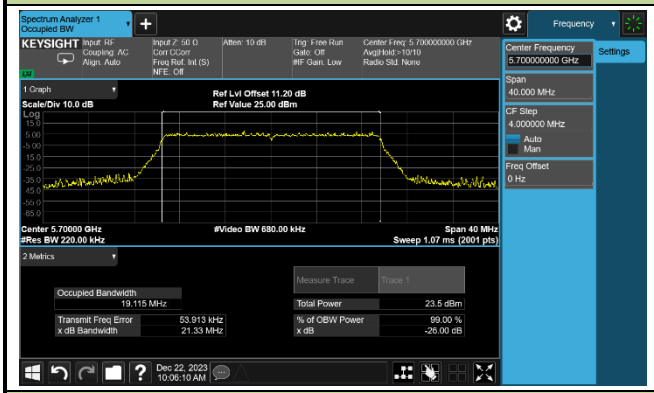
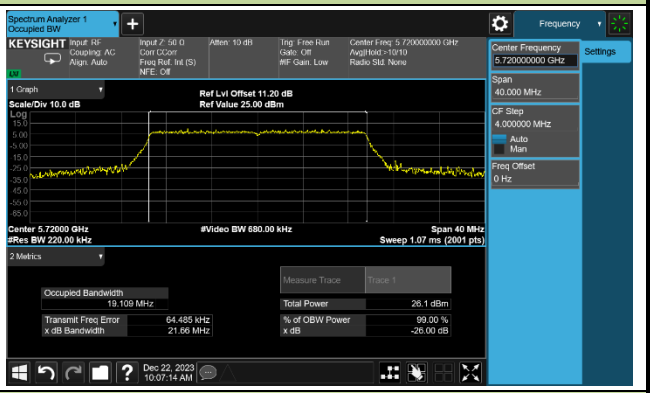
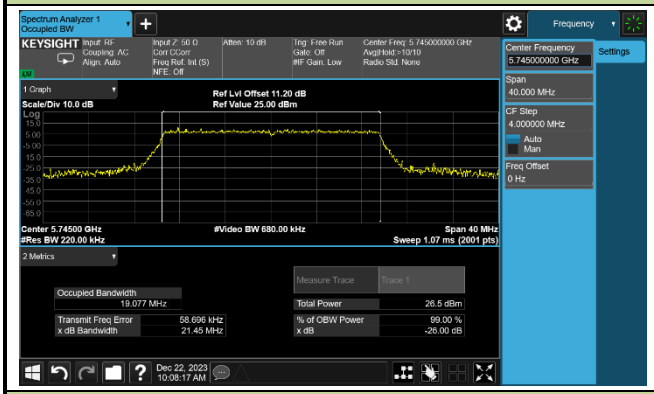
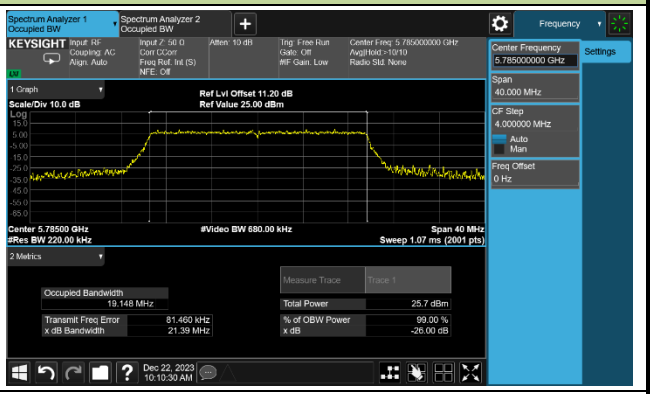
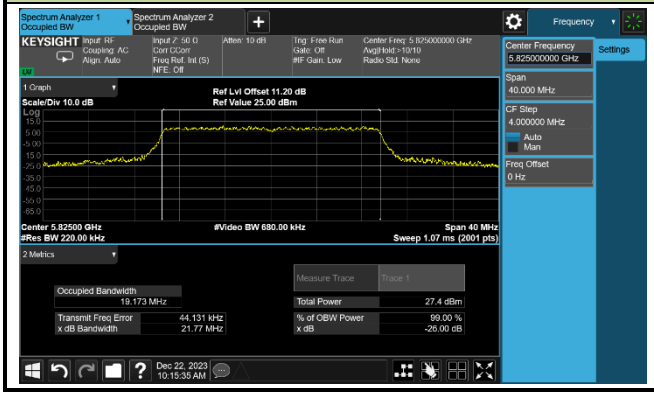
802.11ax-HE40 26dB Bandwidth & 99% Bandwidth	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	

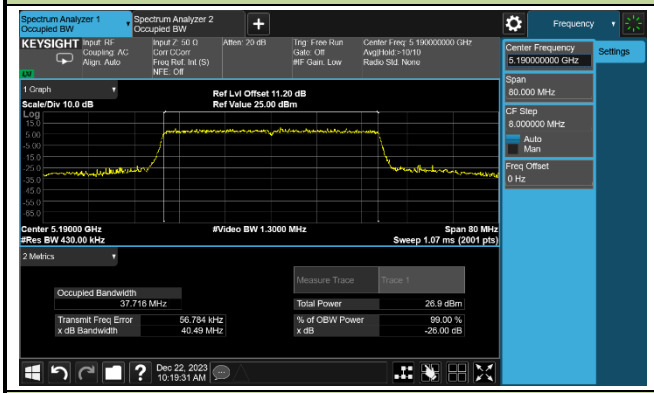
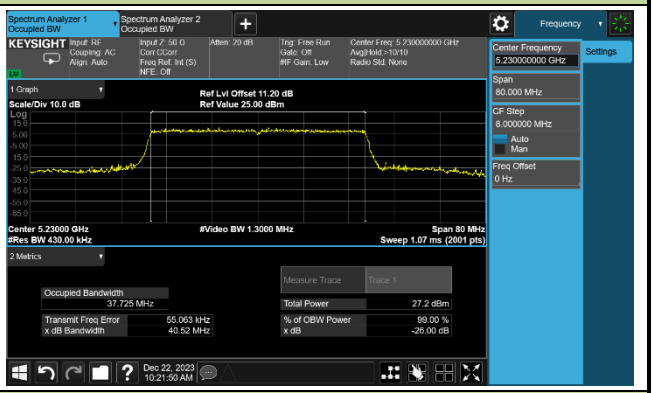
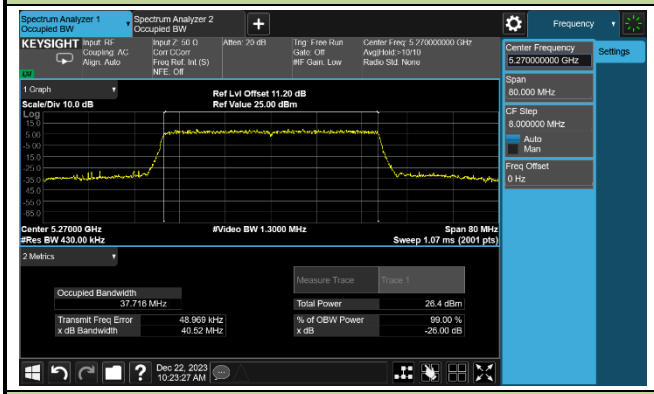
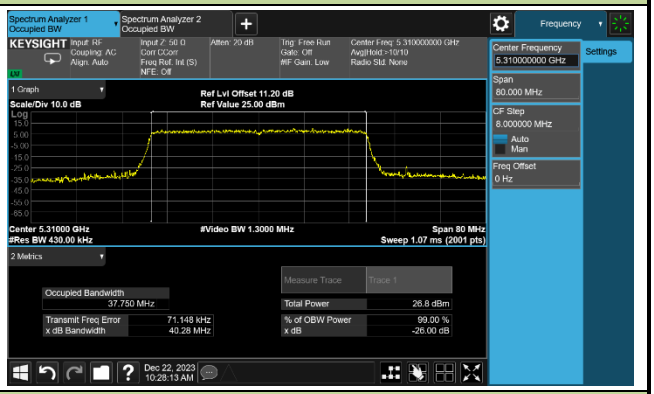
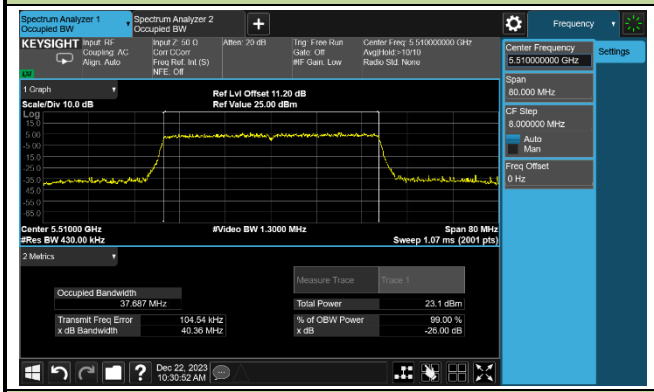
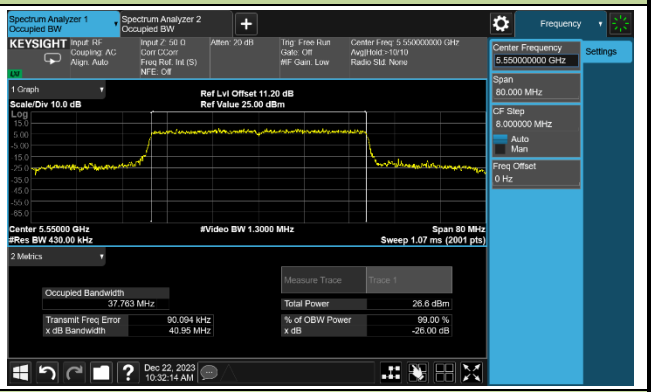
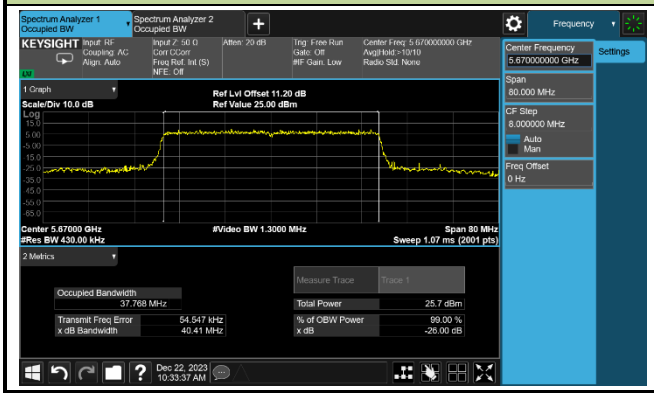
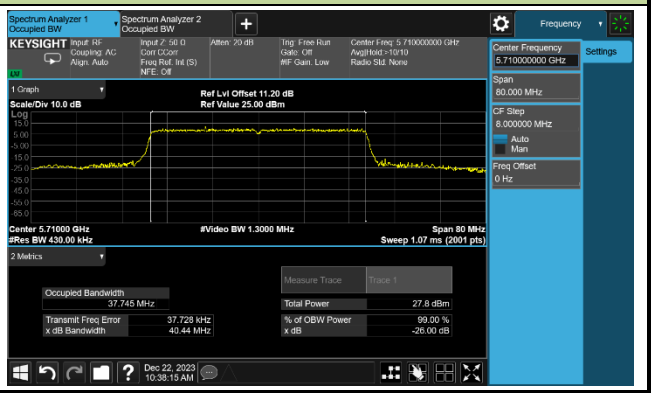
802.11ax-HE40 26dB Bandwidth & 99% Bandwidth	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

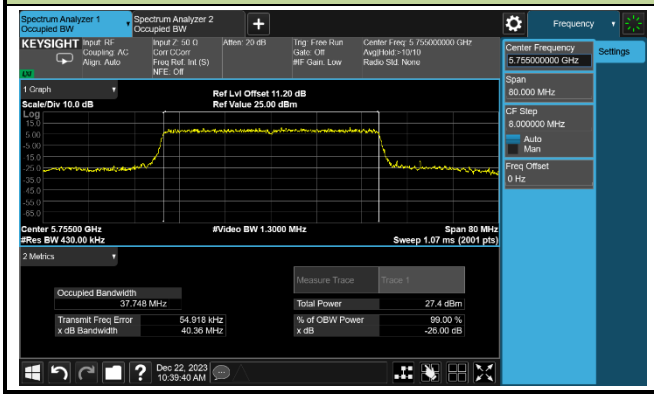
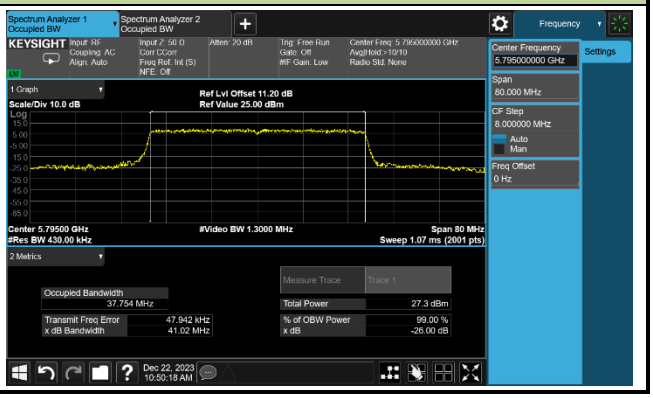
802.11ax-HE80 26dB Bandwidth & 99% Bandwidth	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

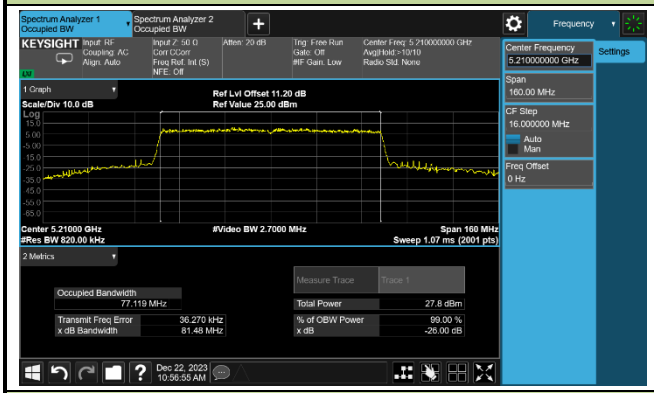
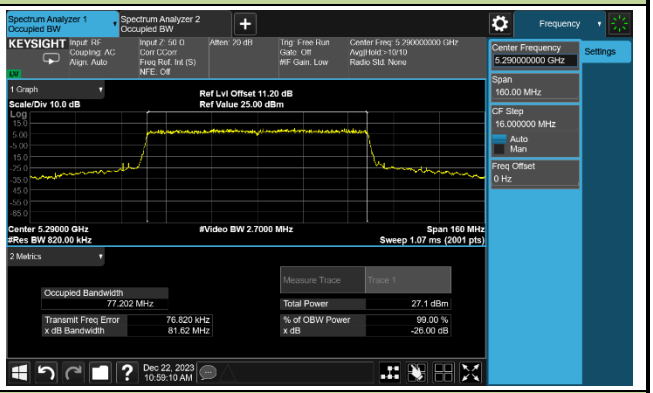
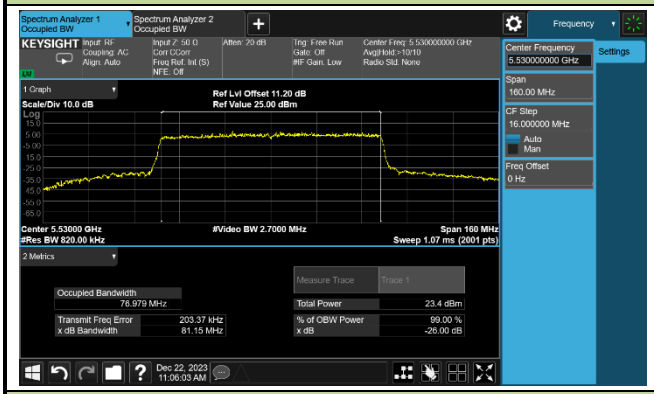
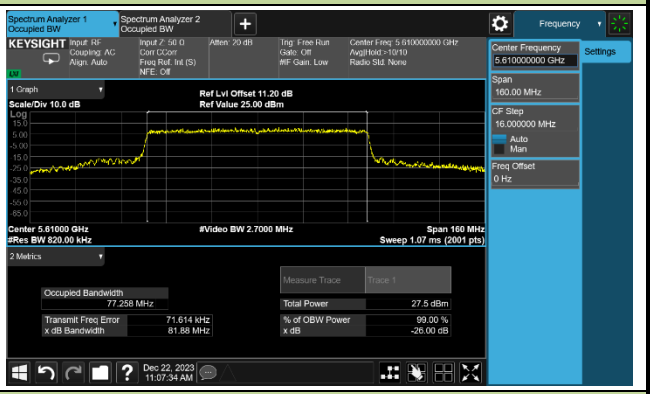
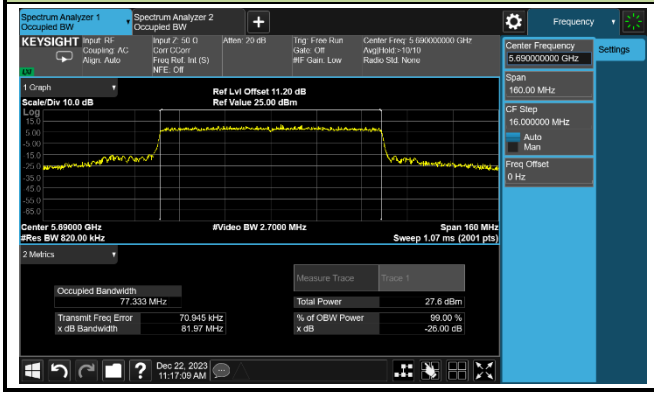
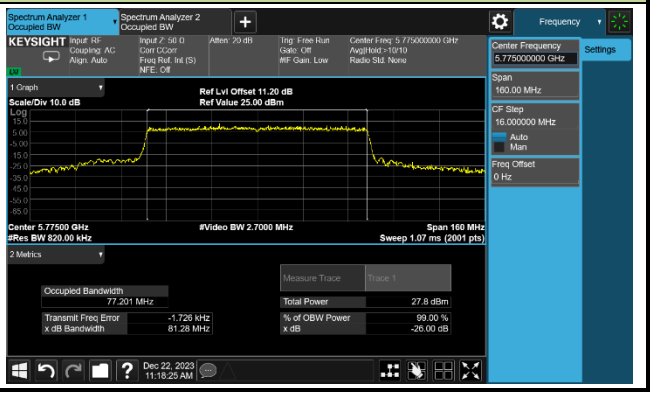
802.11ax-HE160 26dB Bandwidth & 99% Bandwidth	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

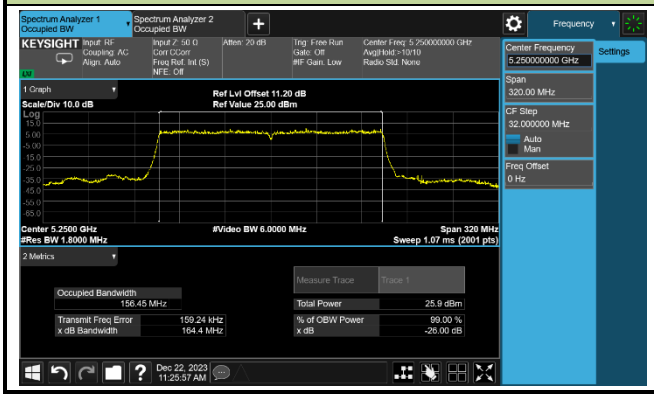
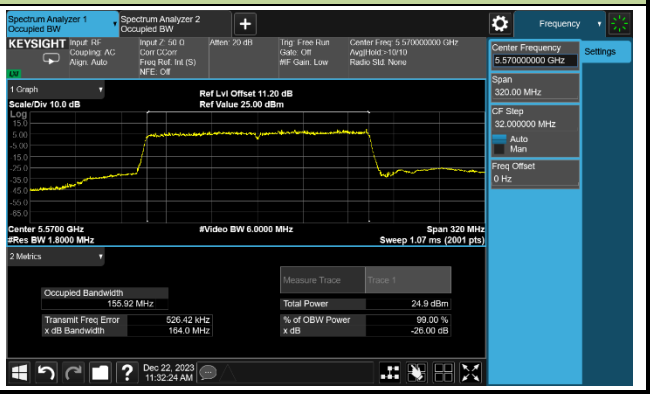
802.11be-EHT20 26dB Bandwidth & 99% Bandwidth	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	

802.11be-EHT20 26dB Bandwidth & 99% Bandwidth	
Channel 140 (5700MHz)	Channel 144 (5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

802.11be-EHT40 26dB Bandwidth & 99% Bandwidth	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	

802.11be-EHT40 26dB Bandwidth & 99% Bandwidth	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

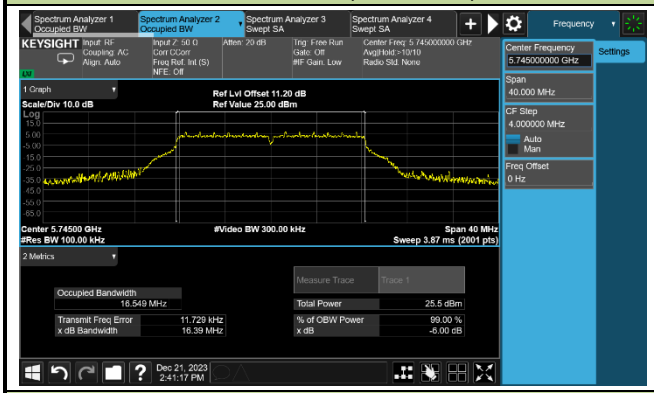
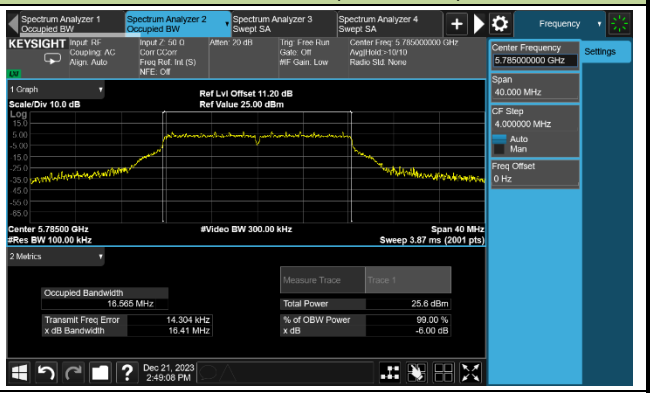
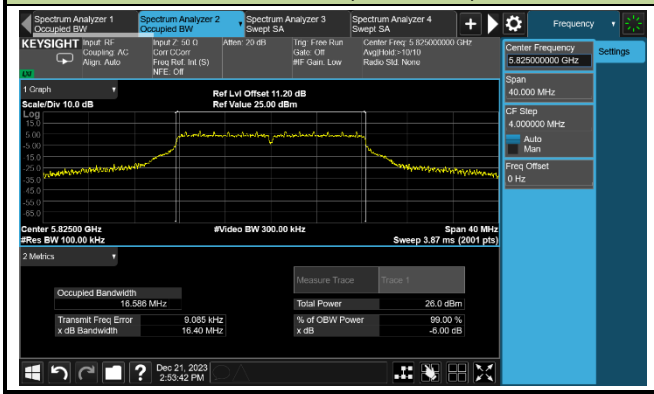
802.11be-EHT80 26dB Bandwidth & 99% Bandwidth	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

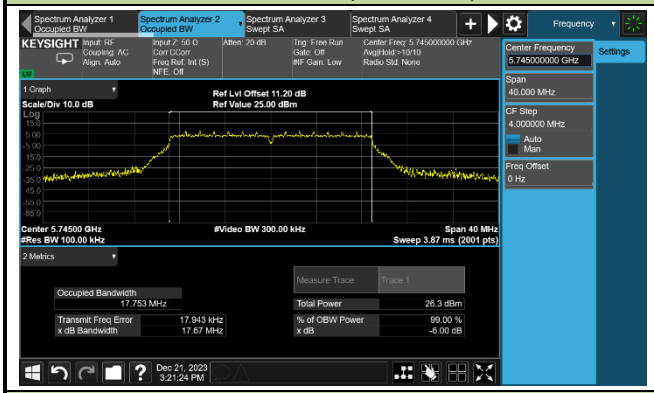
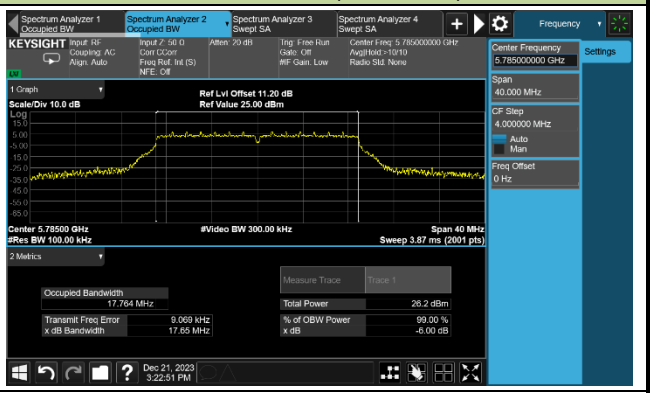
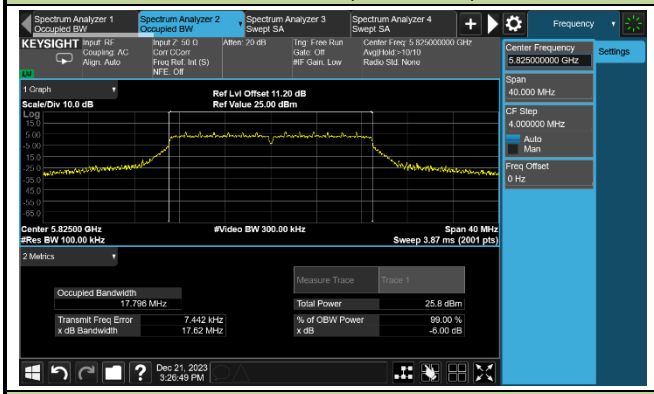
802.11be-EHT160 26dB Bandwidth & 99% Bandwidth	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

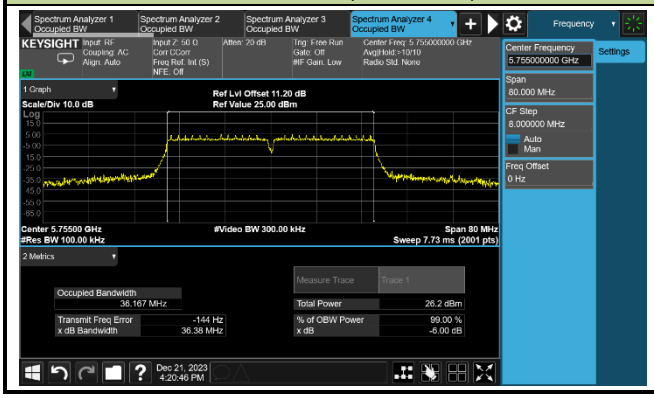
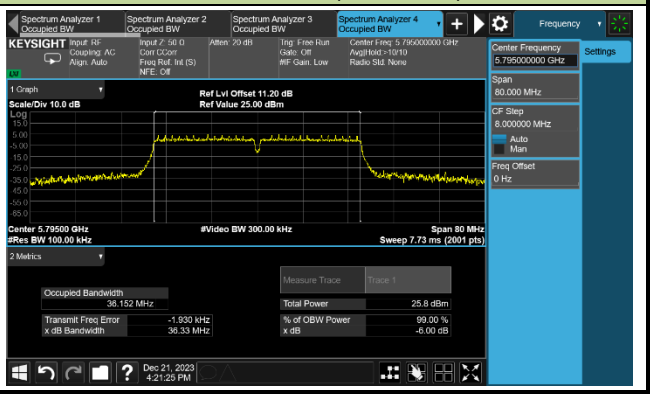
A.3 6dB Bandwidth Test Result

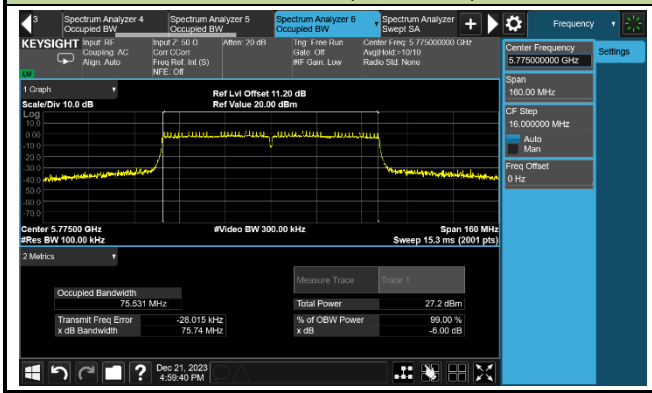
Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2023-12-21 ~ 2023-12-22		

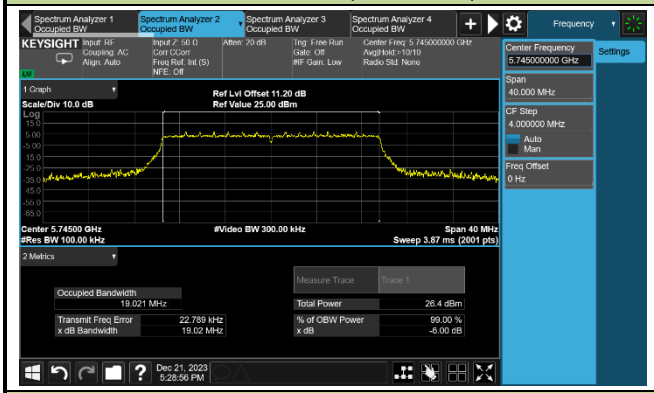
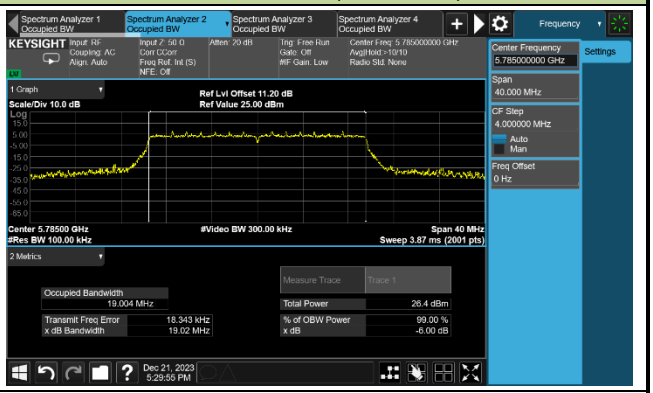
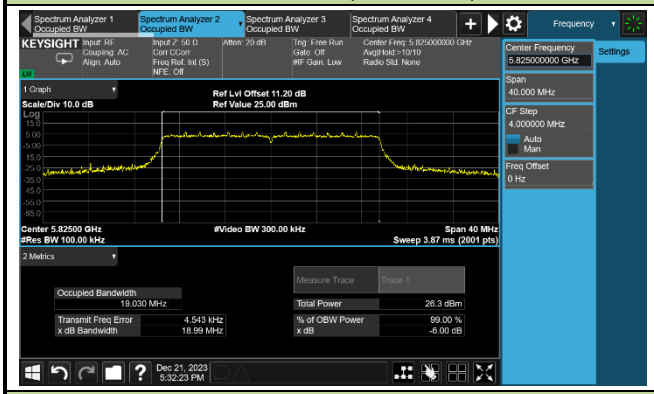
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
11a	6Mbps	149	5745	16.39	≥0.5
11a	6Mbps	157	5785	16.41	≥0.5
11a	6Mbps	165	5825	16.40	≥0.5
11ac-VHT20	MCS0	149	5745	17.67	≥0.5
11ac-VHT20	MCS0	157	5785	17.65	≥0.5
11ac-VHT20	MCS0	165	5825	17.62	≥0.5
11ac-VHT40	MCS0	151	5755	36.38	≥0.5
11ac-VHT40	MCS0	159	5795	36.33	≥0.5
11ac-VHT80	MCS0	155	5775	75.74	≥0.5
11ax-HE20	MCS0	149	5745	19.02	≥0.5
11ax-HE20	MCS0	157	5785	19.02	≥0.5
11ax-HE20	MCS0	165	5825	18.99	≥0.5
11ax-HE40	MCS0	151	5755	37.86	≥0.5
11ax-HE40	MCS0	159	5795	37.81	≥0.5
11ax-HE80	MCS0	155	5775	77.73	≥0.5
11be-EHT20	MCS0	149	5745	19.03	≥0.5
11be-EHT20	MCS0	157	5785	18.99	≥0.5
11be-EHT20	MCS0	165	5825	19.00	≥0.5
11be-EHT40	MCS0	151	5755	37.98	≥0.5
11be-EHT40	MCS0	159	5795	37.95	≥0.5
11be-EHT80	MCS0	155	5775	77.75	≥0.5

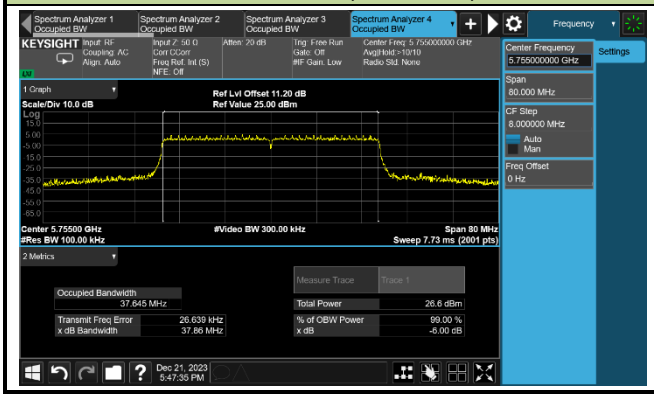
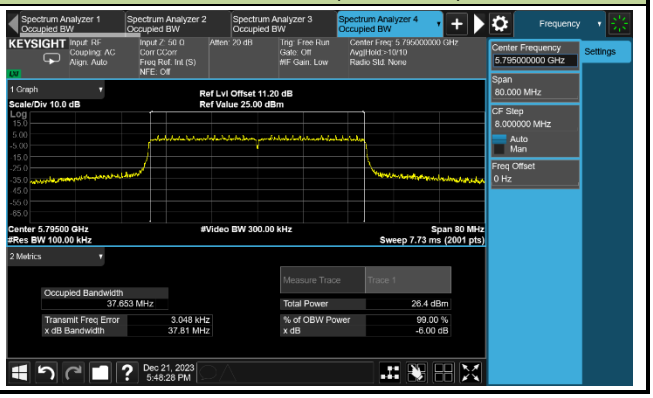
802.11a 6dB Bandwidth	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

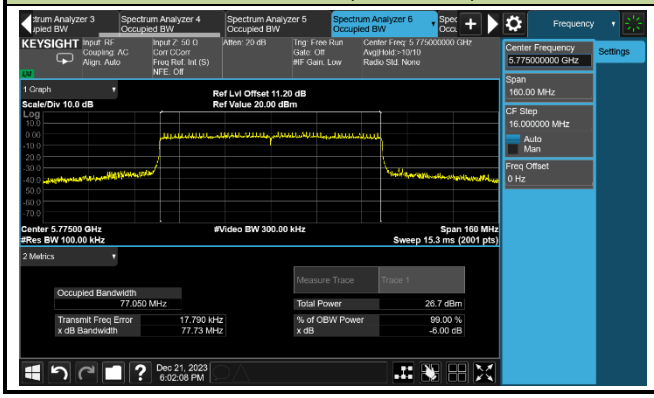
802.11ac-VHT20 6dB Bandwidth	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

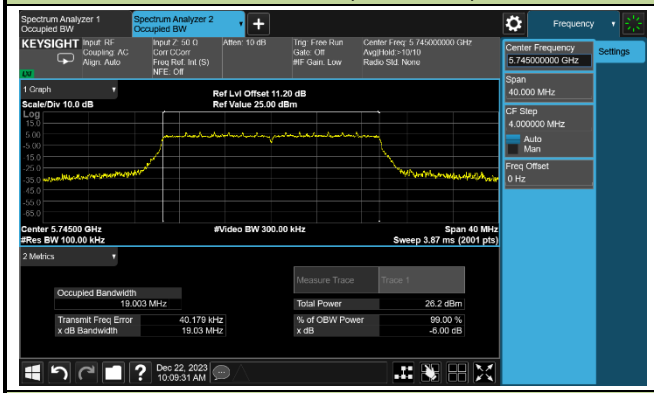
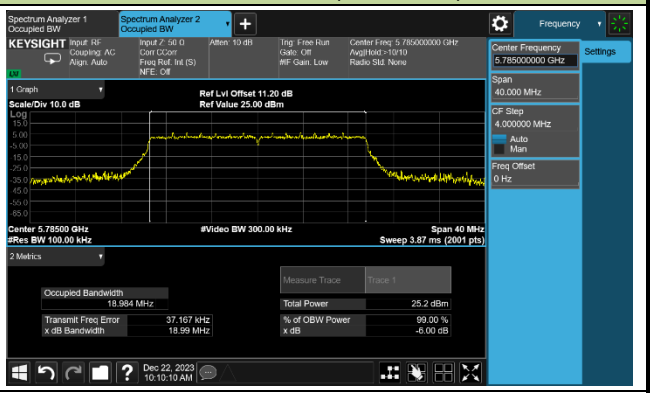
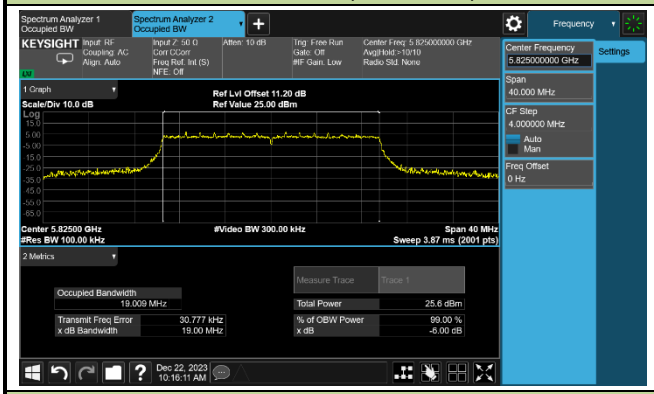
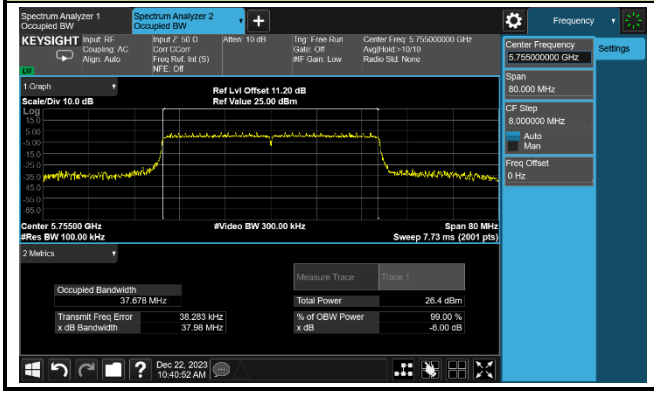
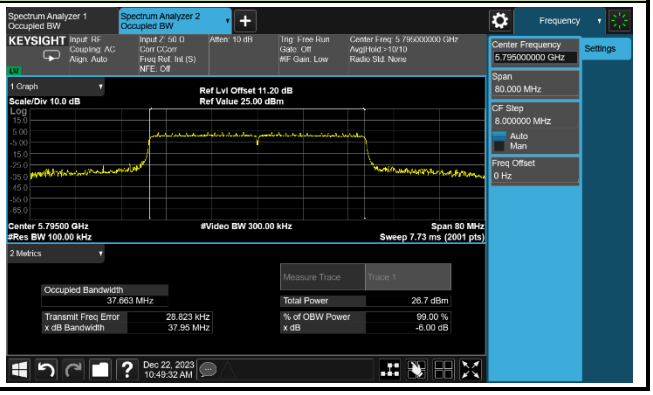
802.11ac-VHT40 6dB Bandwidth	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

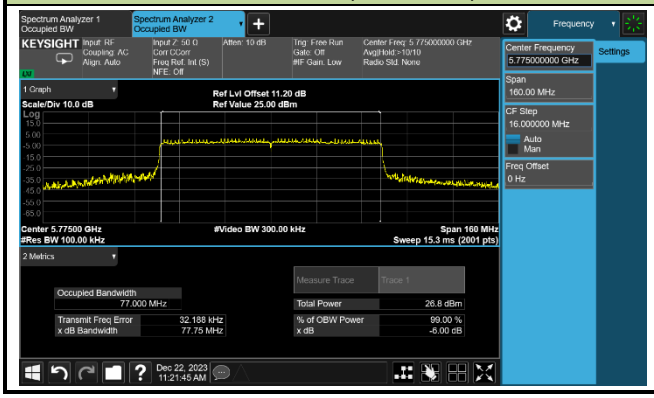
802.11ac-VHT80 6dB Bandwidth	
Channel 155 (5775MHz)	
	

802.11ax-HE20 6dB Bandwidth	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

802.11ax-HE40 6dB Bandwidth	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

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

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2023-12-20 ~ 2023-12-21		

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11a	6Mbps	36	5180	18.38	17.99	21.20	≤ 30.00
11a	6Mbps	44	5220	18.47	17.98	21.24	≤ 30.00
11a	6Mbps	48	5240	18.33	17.93	21.14	≤ 30.00
11a	6Mbps	52	5260	18.43	17.55	21.02	≤ 23.98
11a	6Mbps	60	5300	18.33	18.08	21.22	≤ 23.98
11a	6Mbps	64	5320	18.38	18.03	21.22	≤ 23.98
11a	6Mbps	100	5500	16.28	16.45	19.38	≤ 23.98
11a	6Mbps	116	5580	18.36	18.31	21.35	≤ 23.98
11a	6Mbps	140	5700	16.75	16.55	19.66	≤ 23.98
11a	6Mbps	144	5720	18.42	18.03	21.24	≤ 23.01 Note 2 & Note 3
11a	6Mbps	149	5745	18.23	18.39	21.32	≤ 30.00
11a	6Mbps	157	5785	18.36	18.39	21.39	≤ 30.00
11a	6Mbps	165	5825	18.39	18.08	21.25	≤ 30.00
11ac-VHT20	MCS0	36	5180	18.45	18.01	21.25	≤ 30.00
11ac-VHT20	MCS0	44	5220	18.42	17.77	21.12	≤ 30.00
11ac-VHT20	MCS0	48	5240	18.27	17.66	20.99	≤ 30.00
11ac-VHT20	MCS0	52	5260	18.42	17.20	20.86	≤ 23.98
11ac-VHT20	MCS0	60	5300	18.19	17.92	21.07	≤ 23.98
11ac-VHT20	MCS0	64	5320	18.33	18.19	21.27	≤ 23.98
11ac-VHT20	MCS0	100	5500	16.46	16.36	19.42	≤ 23.98
11ac-VHT20	MCS0	116	5580	17.98	18.26	21.13	≤ 23.98
11ac-VHT20	MCS0	140	5700	16.93	16.61	19.78	≤ 23.98
11ac-VHT20	MCS0	144	5720	18.39	17.99	21.20	≤ 23.03 Note 2 & Note 3
11ac-VHT20	MCS0	149	5745	18.48	18.43	21.47	≤ 30.00
11ac-VHT20	MCS0	157	5785	18.26	17.98	21.13	≤ 30.00
11ac-VHT20	MCS0	165	5825	18.36	17.95	21.17	≤ 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		
11ac-VHT40	MCS0	38	5190	18.12	18.03	21.09	≤ 30.00
11ac-VHT40	MCS0	46	5230	18.21	17.85	21.04	≤ 30.00
11ac-VHT40	MCS0	54	5270	18.41	17.52	21.00	≤ 23.98
11ac-VHT40	MCS0	62	5310	17.89	17.70	20.81	≤ 23.98
11ac-VHT40	MCS0	102	5510	14.33	14.25	17.30	≤ 23.98
11ac-VHT40	MCS0	110	5550	18.26	17.65	20.98	≤ 23.98
11ac-VHT40	MCS0	134	5670	16.52	16.38	19.46	≤ 23.98
11ac-VHT40	MCS0	142	5710	18.20	17.71	20.97	≤ 23.98 Note 2 & Note 3
11ac-VHT40	MCS0	151	5755	18.29	18.08	21.20	≤ 30.00
11ac-VHT40	MCS0	159	5795	18.22	18.05	21.15	≤ 30.00
11ac-VHT80	MCS0	42	5210	17.49	17.71	20.61	≤ 30.00
11ac-VHT80	MCS0	58	5290	17.78	17.67	20.74	≤ 23.98
11ac-VHT80	MCS0	106	5530	14.91	14.96	17.95	≤ 23.98
11ac-VHT80	MCS0	122	5610	18.11	17.95	21.04	≤ 23.98
11ac-VHT80	MCS0	138	5690	18.39	18.22	21.32	≤ 23.98 Note 2 & Note 3
11ac-VHT80	MCS0	155	5775	18.43	17.81	21.14	≤ 30.00
11ac-VHT160	MCS0	50	5250	15.62	15.25	18.45	≤ 23.98 Note 4
11ac-VHT160	MCS0	114	5570	12.90	13.15	16.04	≤ 23.98
11ax-HE20	MCS0	36	5180	18.43	17.87	21.17	≤ 30.00
11ax-HE20	MCS0	44	5220	18.48	17.98	21.25	≤ 30.00
11ax-HE20	MCS0	48	5240	18.39	17.68	21.06	≤ 30.00
11ax-HE20	MCS0	52	5260	18.48	17.22	20.91	≤ 23.98
11ax-HE20	MCS0	60	5300	18.29	17.76	21.04	≤ 23.98
11ax-HE20	MCS0	64	5320	18.49	18.01	21.27	≤ 23.98
11ax-HE20	MCS0	100	5500	15.99	16.15	19.08	≤ 23.98
11ax-HE20	MCS0	116	5580	18.30	18.05	21.19	≤ 23.98
11ax-HE20	MCS0	140	5700	15.42	15.46	18.45	≤ 23.98
11ax-HE20	MCS0	144	5720	18.33	17.75	21.06	≤ 23.00 Note 2 & Note 3
11ax-HE20	MCS0	149	5745	18.42	18.36	21.40	≤ 30.00
11ax-HE20	MCS0	157	5785	18.43	18.37	21.41	≤ 30.00
11ax-HE20	MCS0	165	5825	18.21	18.13	21.18	≤ 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		
11ax-HE40	MCS0	38	5190	18.21	17.76	21.00	≤ 30.00
11ax-HE40	MCS0	46	5230	18.31	18.22	21.28	≤ 30.00
11ax-HE40	MCS0	54	5270	18.47	17.43	20.99	≤ 23.98
11ax-HE40	MCS0	62	5310	17.45	17.47	20.47	≤ 23.98
11ax-HE40	MCS0	102	5510	13.63	13.88	16.77	≤ 23.98
11ax-HE40	MCS0	110	5550	18.35	18.03	21.20	≤ 23.98
11ax-HE40	MCS0	134	5670	16.92	17.02	19.98	≤ 23.98
11ax-HE40	MCS0	142	5710	18.42	17.66	21.07	≤ 23.98 Note 2 & Note 3
11ax-HE40	MCS0	151	5755	18.28	18.39	21.35	≤ 30.00
11ax-HE40	MCS0	159	5795	18.30	18.15	21.24	≤ 30.00
11ax-HE80	MCS0	42	5210	17.02	17.43	20.24	≤ 30.00
11ax-HE80	MCS0	58	5290	17.69	17.42	20.57	≤ 23.98
11ax-HE80	MCS0	106	5530	14.62	14.81	17.73	≤ 23.98
11ax-HE80	MCS0	122	5610	18.21	18.22	21.23	≤ 23.98
11ax-HE80	MCS0	138	5690	18.35	18.08	21.23	≤ 23.98 Note 2 & Note 3
11ax-HE80	MCS0	155	5775	18.41	18.13	21.28	≤ 30.00
11ax-HE160	MCS0	50	5250	15.20	14.82	18.02	≤ 23.98 Note 4
11ax-HE160	MCS0	114	5570	14.95	15.12	18.05	≤ 23.98
11be-EHT20	MCS0	36	5180	18.43	17.75	21.11	≤ 30.00
11be-EHT20	MCS0	44	5220	18.41	17.69	21.08	≤ 30.00
11be-EHT20	MCS0	48	5240	18.43	17.89	21.18	≤ 30.00
11be-EHT20	MCS0	52	5260	18.42	17.52	21.00	≤ 23.98
11be-EHT20	MCS0	60	5300	18.22	17.86	21.05	≤ 23.98
11be-EHT20	MCS0	64	5320	18.39	18.20	21.31	≤ 23.98
11be-EHT20	MCS0	100	5500	15.66	15.66	18.67	≤ 23.98
11be-EHT20	MCS0	116	5580	18.35	18.25	21.31	≤ 23.98
11be-EHT20	MCS0	140	5700	15.82	15.52	18.68	≤ 23.98
11be-EHT20	MCS0	144	5720	18.47	18.04	21.27	≤ 22.99 Note 2 & Note 3
11be-EHT20	MCS0	149	5745	18.36	18.23	21.31	≤ 30.00
11be-EHT20	MCS0	157	5785	18.37	18.20	21.30	≤ 30.00
11be-EHT20	MCS0	165	5825	18.38	18.23	21.32	≤ 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		
11be-EHT40	MCS0	38	5190	17.86	17.68	20.78	≤ 30.00
11be-EHT40	MCS0	46	5230	18.21	17.80	21.02	≤ 30.00
11be-EHT40	MCS0	54	5270	18.43	17.59	21.04	≤ 23.98
11be-EHT40	MCS0	62	5310	17.93	17.82	20.89	≤ 23.98
11be-EHT40	MCS0	102	5510	14.13	14.18	17.17	≤ 23.98
11be-EHT40	MCS0	110	5550	18.23	17.99	21.12	≤ 23.98
11be-EHT40	MCS0	134	5670	16.73	16.92	19.84	≤ 23.98
11be-EHT40	MCS0	142	5710	18.40	18.08	21.25	≤ 23.98 Note 2 & Note 3
11be-EHT40	MCS0	151	5755	18.41	18.22	21.33	≤ 30.00
11be-EHT40	MCS0	159	5795	18.29	18.03	21.17	≤ 30.00
11be-EHT80	MCS0	42	5210	16.95	17.03	20.00	≤ 30.00
11be-EHT80	MCS0	58	5290	17.11	16.98	20.06	≤ 23.98
11be-EHT80	MCS0	106	5530	14.20	14.29	17.26	≤ 23.98
11be-EHT80	MCS0	122	5610	18.13	18.39	21.27	≤ 23.98
11be-EHT80	MCS0	138	5690	18.45	18.39	21.43	≤ 23.98 Note 2 & Note 3
11be-EHT80	MCS0	155	5775	18.21	17.92	21.08	≤ 30.00
11be-EHT160	MCS0	50	5250	15.42	14.89	18.17	≤ 23.98 Note 4
11be-EHT160	MCS0	114	5570	14.38	14.43	17.42	≤ 23.98

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

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2023-12-20 ~ 2023-12-21		
Test Item	Power Spectral Density (UNII-Band 1 & UNII-2a & UNII-2c)		

Normal Mode

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	6Mbps	36	5180	6.190	5.874	94.71	9.281	≤ 16.69
11a	6Mbps	44	5220	6.096	5.687	94.71	9.143	≤ 16.69
11a	6Mbps	48	5240	6.248	5.354	94.71	9.070	≤ 16.69
11a	6Mbps	52	5260	6.070	5.398	94.71	8.993	≤ 10.69
11a	6Mbps	60	5300	6.368	6.170	94.71	9.516	≤ 10.69
11a	6Mbps	64	5320	6.128	6.190	94.71	9.405	≤ 10.69
11a	6Mbps	100	5500	4.301	4.321	94.71	7.557	≤ 10.69
11a	6Mbps	116	5580	6.162	6.403	94.71	9.531	≤ 10.69
11a	6Mbps	140	5700	4.931	4.035	94.71	7.752	≤ 10.69
11a	6Mbps	144	5720	6.563	6.157	94.71	9.611	≤ 10.69
11ac-VHT20	MCS0	36	5180	5.630	5.544	98.21	8.598	≤ 16.69
11ac-VHT20	MCS0	44	5220	5.562	4.892	98.21	8.250	≤ 16.69
11ac-VHT20	MCS0	48	5240	5.468	5.080	98.21	8.289	≤ 16.69
11ac-VHT20	MCS0	52	5260	5.896	4.571	98.21	8.294	≤ 10.69
11ac-VHT20	MCS0	60	5300	5.699	5.584	98.21	8.652	≤ 10.69
11ac-VHT20	MCS0	64	5320	6.015	5.922	98.21	8.979	≤ 10.69
11ac-VHT20	MCS0	100	5500	4.246	4.036	98.21	7.153	≤ 10.69
11ac-VHT20	MCS0	116	5580	5.297	5.288	98.21	8.303	≤ 10.69
11ac-VHT20	MCS0	140	5700	4.512	3.902	98.21	7.228	≤ 10.69
11ac-VHT20	MCS0	144	5720	6.249	5.985	98.21	9.129	≤ 10.69
11ac-VHT40	MCS0	38	5190	2.875	2.317	96.65	5.763	≤ 16.69
11ac-VHT40	MCS0	46	5230	2.581	2.436	96.65	5.667	≤ 16.69
11ac-VHT40	MCS0	54	5270	3.235	2.296	96.65	5.949	≤ 10.69
11ac-VHT40	MCS0	62	5310	2.782	2.836	96.65	5.967	≤ 10.69
11ac-VHT40	MCS0	102	5510	-0.563	-1.375	96.65	2.208	≤ 10.69
11ac-VHT40	MCS0	110	5550	2.569	2.733	96.65	5.810	≤ 10.69
11ac-VHT40	MCS0	134	5670	1.116	0.379	96.65	3.921	≤ 10.69
11ac-VHT40	MCS0	142	5710	2.903	2.775	96.65	5.998	≤ 10.69

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	-0.465	-0.438	93.46	2.853	≤ 16.69
11ac-VHT80	MCS0	58	5290	-0.064	-0.173	93.46	3.186	≤ 10.69
11ac-VHT80	MCS0	106	5530	-2.575	-2.871	93.46	0.584	≤ 10.69
11ac-VHT80	MCS0	122	5610	0.374	0.485	93.46	3.734	≤ 10.69
11ac-VHT80	MCS0	138	5690	0.826	0.390	93.46	3.918	≤ 10.69
11ac-VHT160	MCS0	50	5250	-4.660	-5.737	88.45	-1.622	≤ 10.69 Note 3
11ac-VHT160	MCS0	114	5570	-7.393	-6.847	88.45	-3.568	≤ 10.69
11ax-HE20	MCS0	36	5180	5.596	5.274	97.77	8.546	≤ 16.69
11ax-HE20	MCS0	44	5220	5.762	4.937	97.77	8.477	≤ 16.69
11ax-HE20	MCS0	48	5240	5.505	4.905	97.77	8.324	≤ 16.69
11ax-HE20	MCS0	52	5260	5.775	4.490	97.77	8.288	≤ 10.69
11ax-HE20	MCS0	60	5300	5.450	5.653	97.77	8.661	≤ 10.69
11ax-HE20	MCS0	64	5320	5.644	5.176	97.77	8.525	≤ 10.69
11ax-HE20	MCS0	100	5500	3.714	4.226	97.77	7.086	≤ 10.69
11ax-HE20	MCS0	116	5580	5.723	5.687	97.77	8.813	≤ 10.69
11ax-HE20	MCS0	140	5700	2.934	2.995	97.77	6.073	≤ 10.69
11ax-HE20	MCS0	144	5720	5.945	4.947	97.77	8.583	≤ 10.69
11ax-HE40	MCS0	38	5190	2.379	2.465	95.97	5.611	≤ 16.69
11ax-HE40	MCS0	46	5230	2.399	2.763	95.97	5.774	≤ 16.69
11ax-HE40	MCS0	54	5270	3.007	1.991	95.97	5.718	≤ 10.69
11ax-HE40	MCS0	62	5310	2.149	2.128	95.97	5.327	≤ 10.69
11ax-HE40	MCS0	102	5510	-0.821	-1.123	95.97	2.220	≤ 10.69
11ax-HE40	MCS0	110	5550	3.081	3.402	95.97	6.433	≤ 10.69
11ax-HE40	MCS0	134	5670	1.317	0.883	95.97	4.294	≤ 10.69
11ax-HE40	MCS0	142	5710	2.422	3.141	95.97	5.985	≤ 10.69
11ax-HE80	MCS0	42	5210	-1.320	-1.629	92.68	1.869	≤ 16.69
11ax-HE80	MCS0	58	5290	-0.697	-0.673	92.68	2.655	≤ 10.69
11ax-HE80	MCS0	106	5530	-2.805	-3.101	92.68	0.390	≤ 10.69
11ax-HE80	MCS0	122	5610	-0.038	0.392	92.68	3.523	≤ 10.69
11ax-HE80	MCS0	138	5690	0.374	0.051	92.68	3.556	≤ 10.69
11ax-HE160	MCS0	50	5250	-5.243	-6.293	88.01	-2.171	≤ 10.69 Note 3
11ax-HE160	MCS0	114	5570	-4.739	-5.099	88.01	-1.350	≤ 10.69

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	5.867	5.092	97.71	8.608	≤ 16.69
11be-EHT20	MCS0	44	5220	5.216	4.987	97.71	8.214	≤ 16.69
11be-EHT20	MCS0	48	5240	5.559	4.890	97.71	8.348	≤ 16.69
11be-EHT20	MCS0	52	5260	5.729	4.722	97.71	8.366	≤ 10.69
11be-EHT20	MCS0	60	5300	5.655	5.358	97.71	8.620	≤ 10.69
11be-EHT20	MCS0	64	5320	5.001	5.685	97.71	8.467	≤ 10.69
11be-EHT20	MCS0	100	5500	3.241	2.484	97.71	5.990	≤ 10.69
11be-EHT20	MCS0	116	5580	5.173	5.171	97.71	8.283	≤ 10.69
11be-EHT20	MCS0	140	5700	2.742	2.369	97.71	5.670	≤ 10.69
11be-EHT20	MCS0	144	5720	5.137	5.401	97.71	8.382	≤ 10.69
11be-EHT40	MCS0	38	5190	1.889	2.192	95.95	5.233	≤ 16.69
11be-EHT40	MCS0	46	5230	2.256	2.211	95.95	5.423	≤ 16.69
11be-EHT40	MCS0	54	5270	2.737	1.975	95.95	5.563	≤ 10.69
11be-EHT40	MCS0	62	5310	2.394	2.154	95.95	5.466	≤ 10.69
11be-EHT40	MCS0	102	5510	-1.359	-1.213	95.95	1.904	≤ 10.69
11be-EHT40	MCS0	110	5550	2.958	2.493	95.95	5.922	≤ 10.69
11be-EHT40	MCS0	134	5670	0.619	1.509	95.95	4.277	≤ 10.69
11be-EHT40	MCS0	142	5710	2.800	2.379	95.95	5.784	≤ 10.69
11be-EHT80	MCS0	42	5210	-0.982	-0.922	92.29	2.407	≤ 16.69
11be-EHT80	MCS0	58	5290	-0.581	-1.055	92.29	2.547	≤ 10.69
11be-EHT80	MCS0	106	5530	-3.913	-3.769	92.29	-0.482	≤ 10.69
11be-EHT80	MCS0	122	5610	-0.003	0.237	92.29	3.477	≤ 10.69
11be-EHT80	MCS0	138	5690	0.247	0.401	92.29	3.683	≤ 10.69
11be-EHT160	MCS0	50	5250	-5.748	-5.652	87.98	-2.133	≤ 10.69 Note 3
11be-EHT160	MCS0	114	5570	-6.063	-5.957	87.98	-2.443	≤ 10.69

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*log (1/Duty cycle).

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

Note 2: For 5125 - 5250MHz Band: PSD Limit (dBm/MHz) = 17 - (6.31- 6) = 16.69dBm/MHz

For 5250 - 5350MHz Band: Average Power Limit (dBm) = 11 - (6.31 - 6) = 10.69dBm/MHz.

For 5470 - 5725MHz Band: Average Power Limit (dBm) = 11 - (6.31 - 6) = 10.69dBm/MHz.

Note 3: 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.

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2023-12-20 ~ 2024-12-21		
Test Item	Power Spectral Density (UNII-Band 3)		

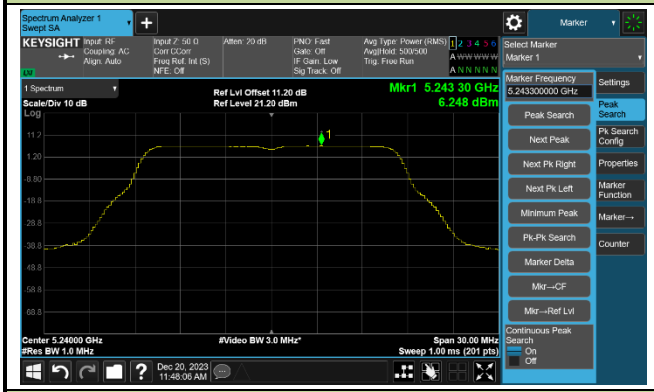
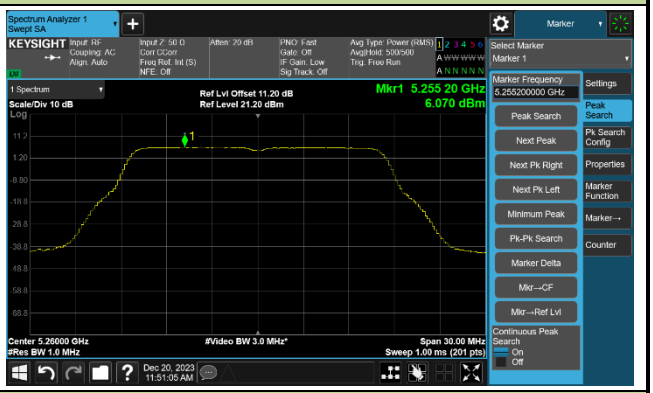
Normal Mode

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			
11a	6Mbps	149	5745	3.648	3.082	94.71	6.621	≤ 29.69
11a	6Mbps	157	5785	3.485	3.556	94.71	6.767	≤ 29.69
11a	6Mbps	165	5825	3.783	3.362	94.71	6.824	≤ 29.69
11ac-VHT20	MCS0	149	5745	3.622	3.906	98.21	6.777	≤ 29.69
11ac-VHT20	MCS0	157	5785	3.486	3.256	98.21	6.383	≤ 29.69
11ac-VHT20	MCS0	165	5825	3.469	3.447	98.21	6.468	≤ 29.69
11ac-VHT40	MCS0	151	5755	0.982	0.317	96.65	3.820	≤ 29.69
11ac-VHT40	MCS0	159	5795	0.446	0.493	96.65	3.628	≤ 29.69
11ac-VHT80	MCS0	155	5775	-1.735	-2.020	93.46	1.429	≤ 29.69
11ax-HE20	MCS0	149	5745	2.955	3.334	97.77	6.257	≤ 29.69
11ax-HE20	MCS0	157	5785	3.193	3.303	97.77	6.357	≤ 29.69
11ax-HE20	MCS0	165	5825	3.057	3.363	97.77	6.321	≤ 29.69
11ax-HE40	MCS0	151	5755	0.322	-0.142	95.97	3.285	≤ 29.69
11ax-HE40	MCS0	159	5795	0.103	0.000	95.97	3.241	≤ 29.69
11ax-HE80	MCS0	155	5775	-2.267	-2.155	92.68	1.130	≤ 29.69
11be-EHT20	MCS0	149	5745	2.775	3.066	97.71	6.034	≤ 29.69
11be-EHT20	MCS0	157	5785	3.061	3.296	97.71	6.291	≤ 29.69
11be-EHT20	MCS0	165	5825	2.936	2.737	97.71	5.949	≤ 29.69
11be-EHT40	MCS0	151	5755	0.116	-0.584	95.95	2.970	≤ 29.69
11be-EHT40	MCS0	159	5795	-0.101	0.259	95.95	3.273	≤ 29.69
11be-EHT80	MCS0	155	5775	-2.242	-3.114	92.29	0.703	≤ 29.69

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*log (1/Duty cycle).

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

Note 2: PSD Limit (dBm/500KHz) = 30 - (6.31 - 6) = 29.69dBm/500KHz.

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)