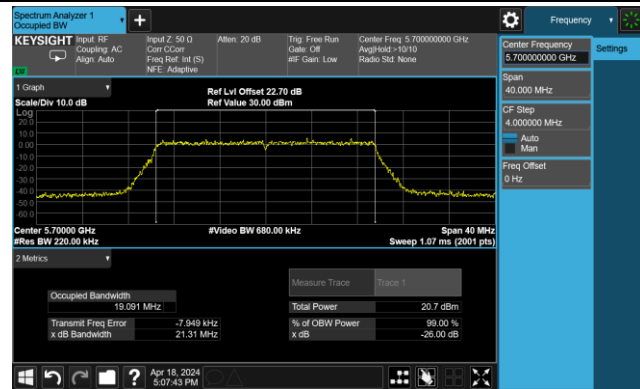
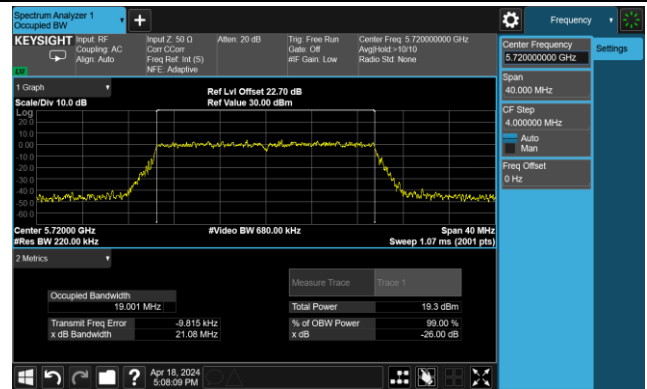


802.11ax-HE20 26dB Bandwidth & 99% Bandwidth

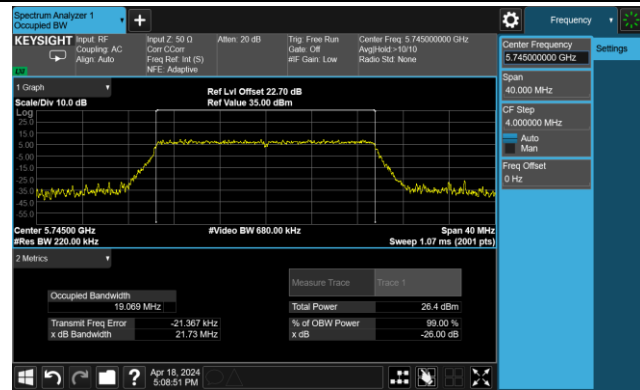
Channel 140 (5700MHz)



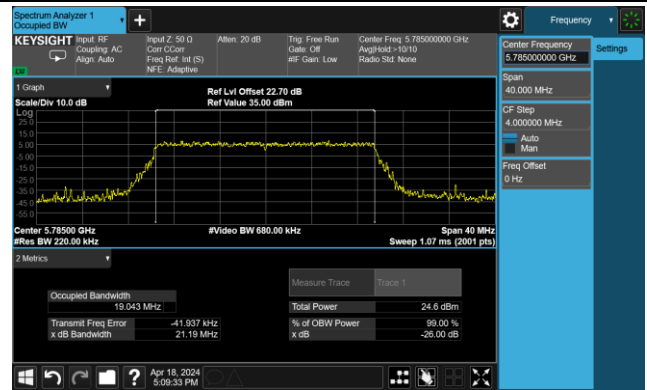
Channel 144(5720MHz)



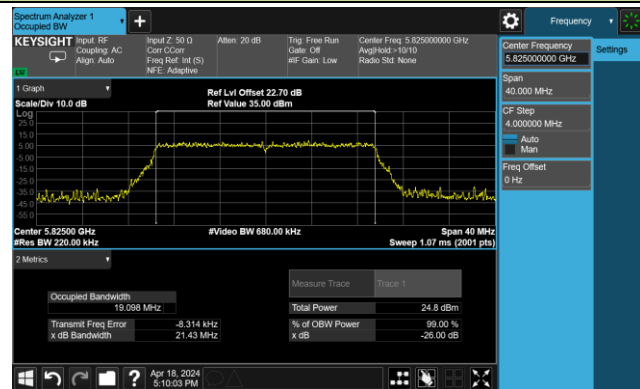
Channel 149 (5745MHz)



Channel 157 (5785MHz)

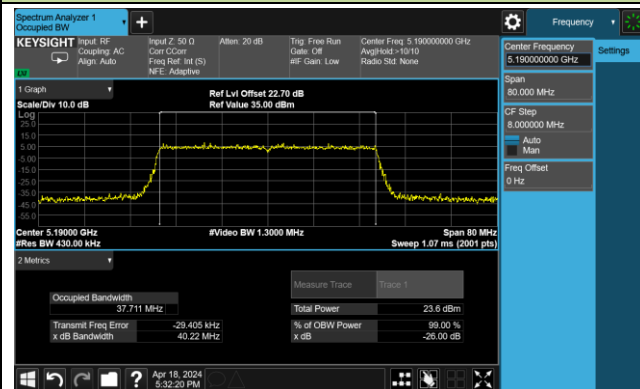


Channel 165 (5825MHz)

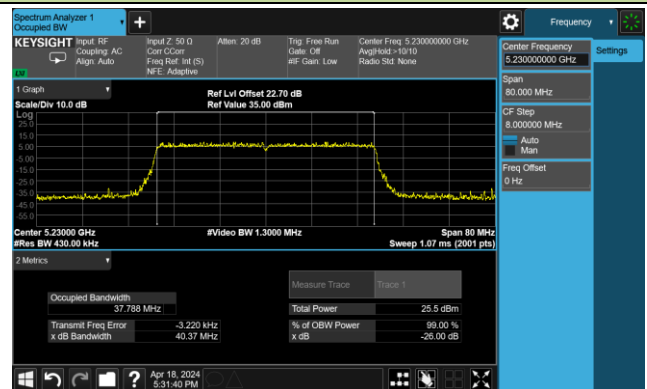


802.11ax-HE40 26dB Bandwidth & 99% Bandwidth

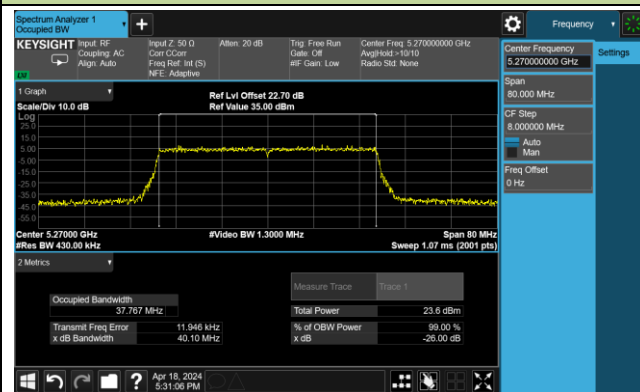
Channel 38 (5190MHz)



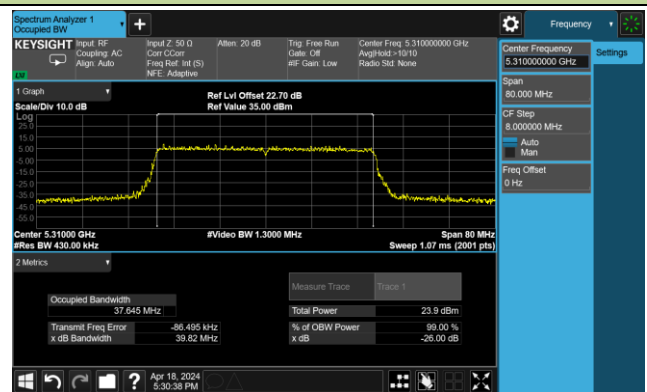
Channel 46 (5230MHz)



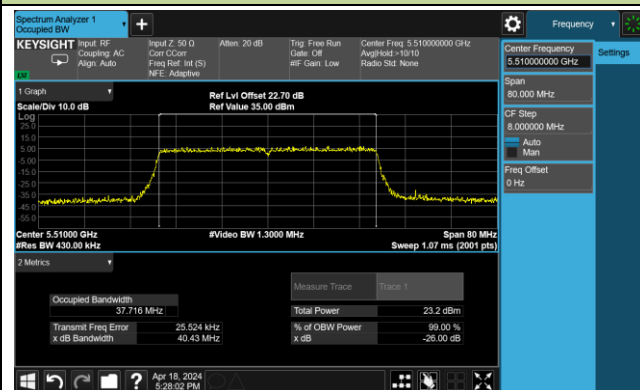
Channel 54 (5270MHz)



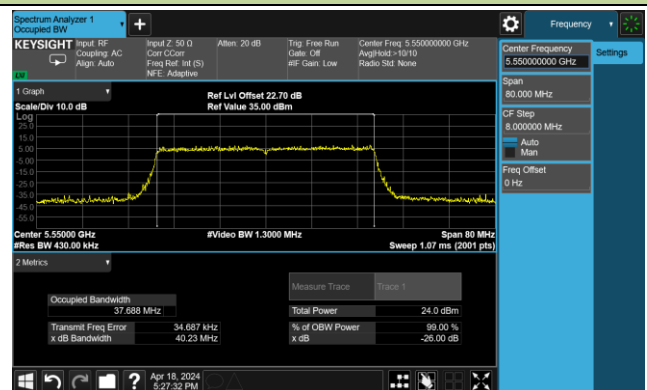
Channel 62 (5310MHz)



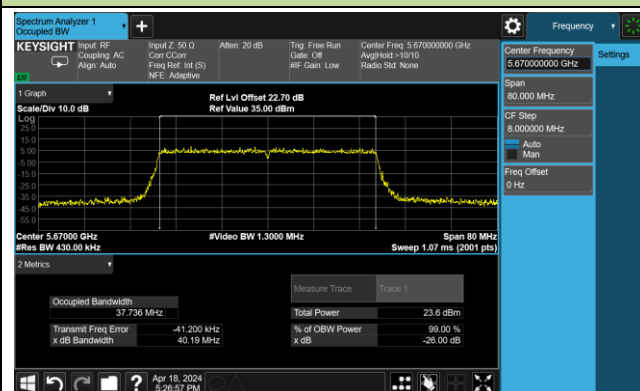
Channel 102 (5510MHz)



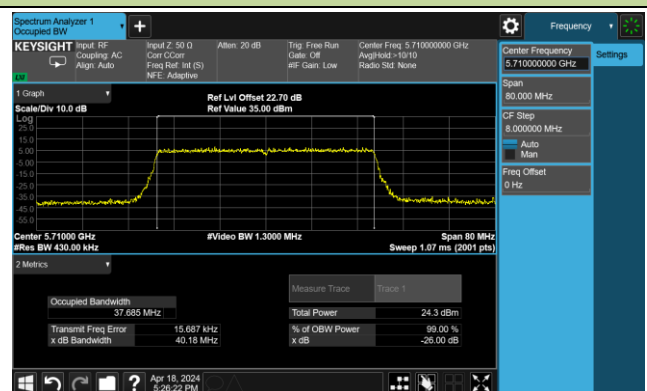
Channel 110 (5550MHz)

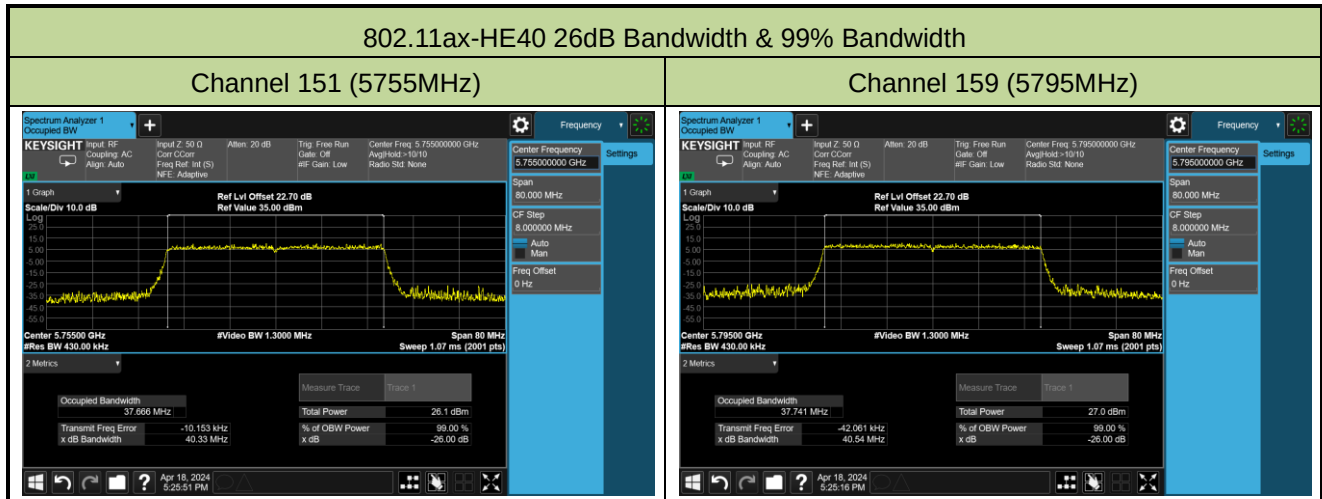


Channel 134 (5670MHz)



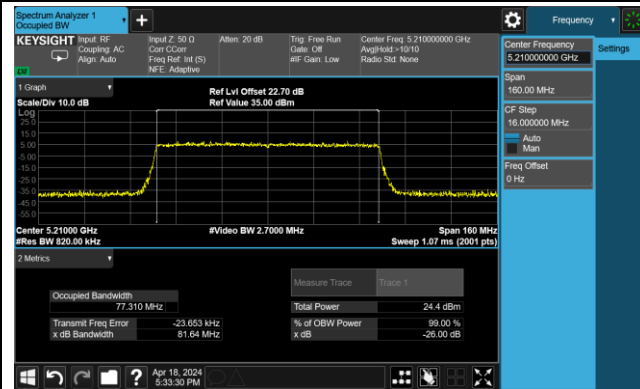
Channel 142 (5710MHz)



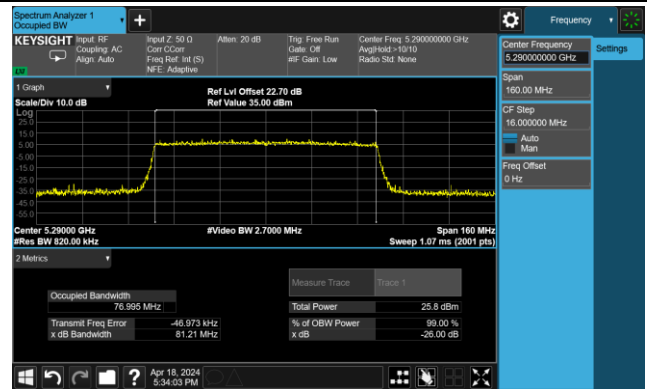


802.11ax-HE80 26dB Bandwidth & 99% Bandwidth

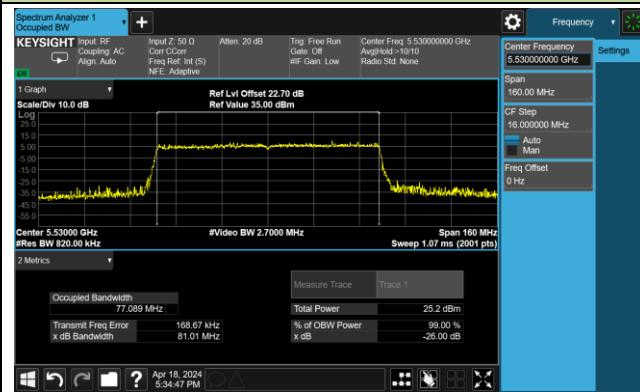
Channel 42 (5210MHz)



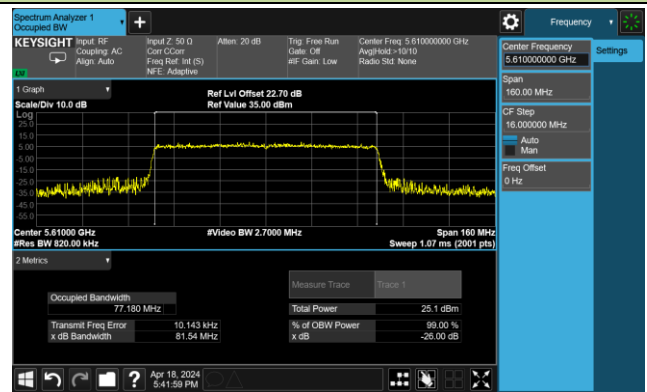
Channel 58 (5290MHz)



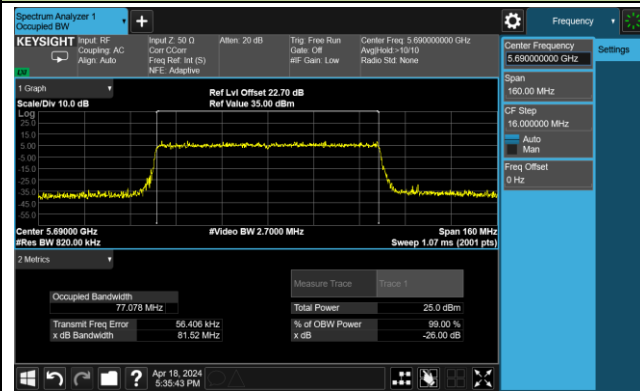
Channel 106 (5530MHz)



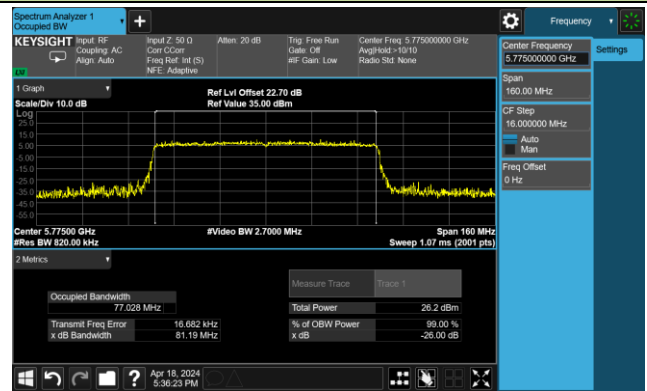
Channel 122 (5610MHz)

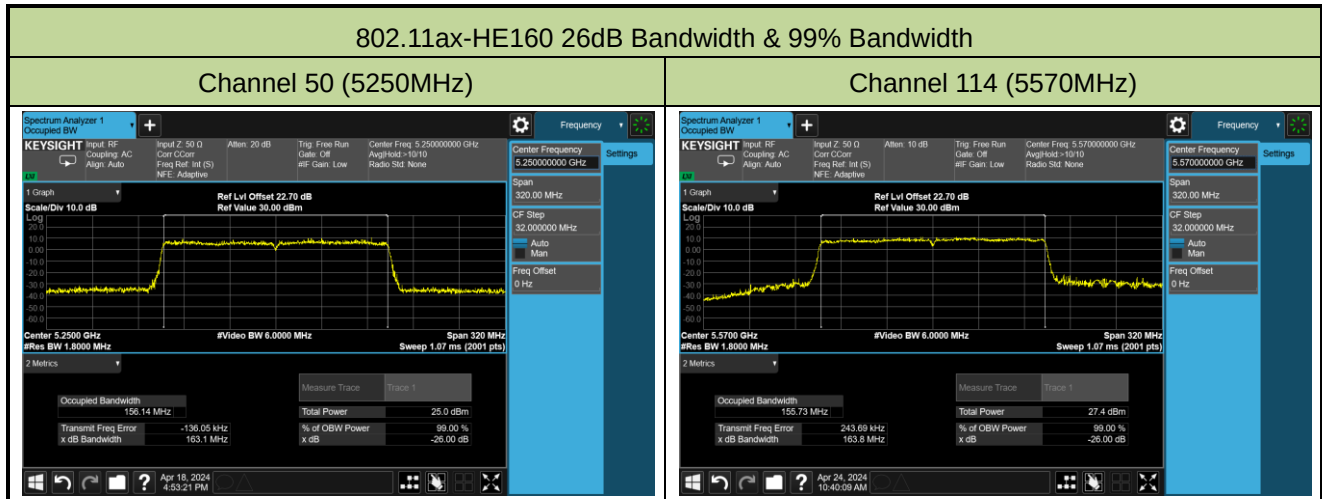


Channel 138 (5690MHz)



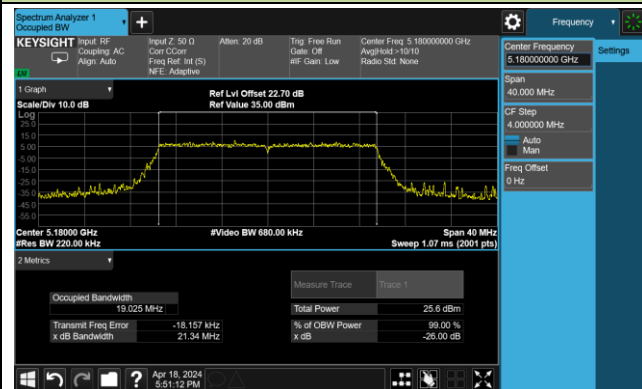
Channel 155 (5775MHz)



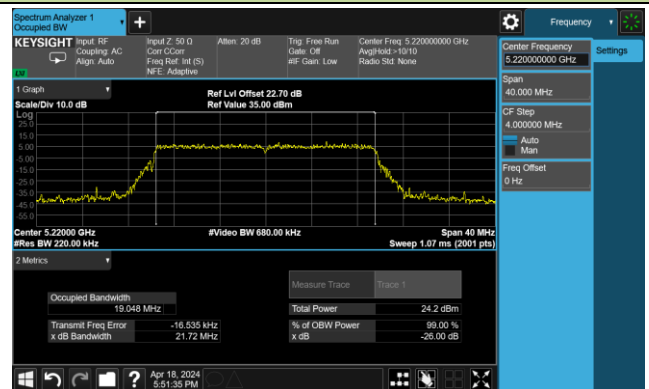


802.11be-EHT20 26dB Bandwidth & 99% Bandwidth

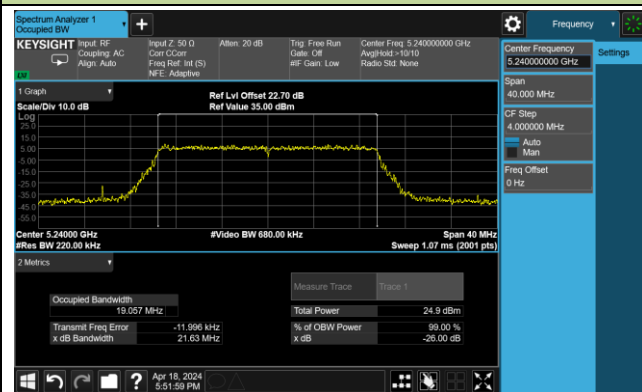
Channel 36 (5180MHz)



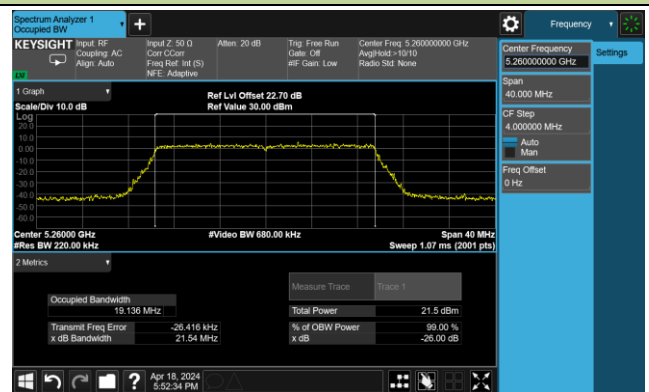
Channel 44 (5220MHz)



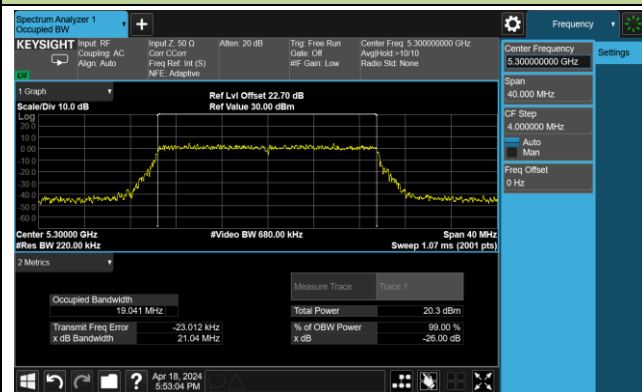
Channel 48 (5240MHz)



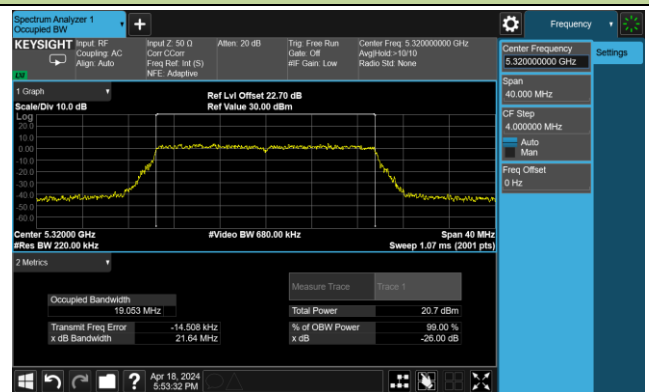
Channel 52 (5260MHz)



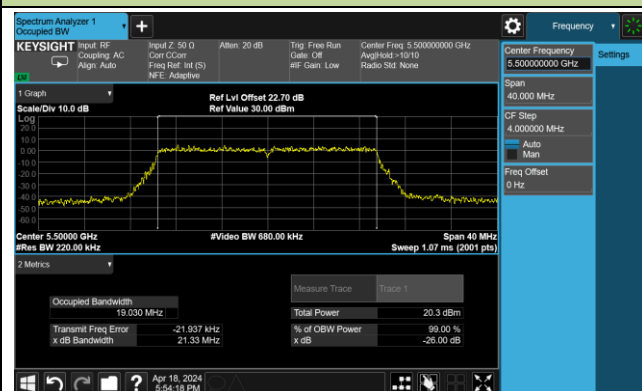
Channel 60 (5300MHz)



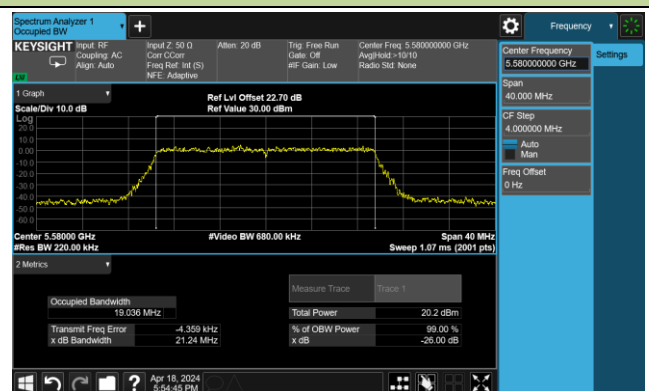
Channel 64 (5320MHz)



Channel 100 (5500MHz)

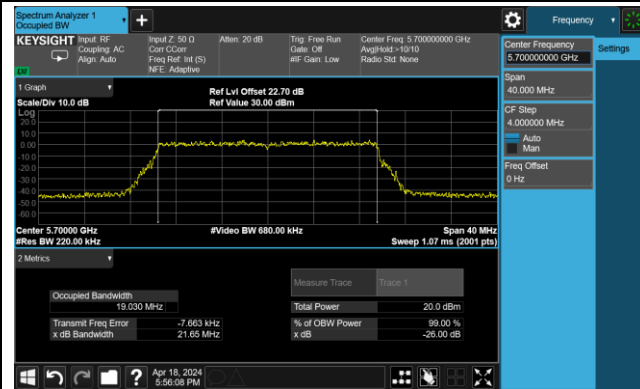


Channel 116 (5580MHz)

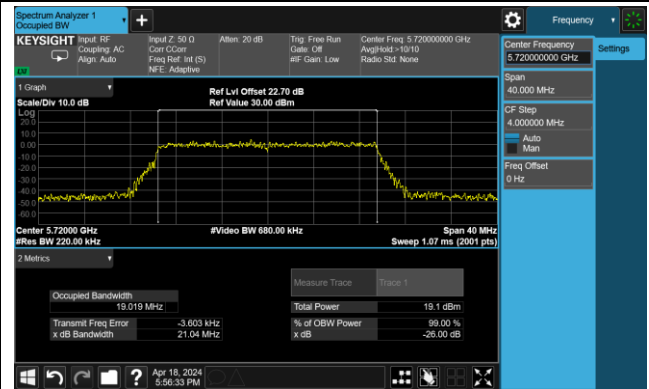


802.11be-EHT20 26dB Bandwidth & 99% Bandwidth

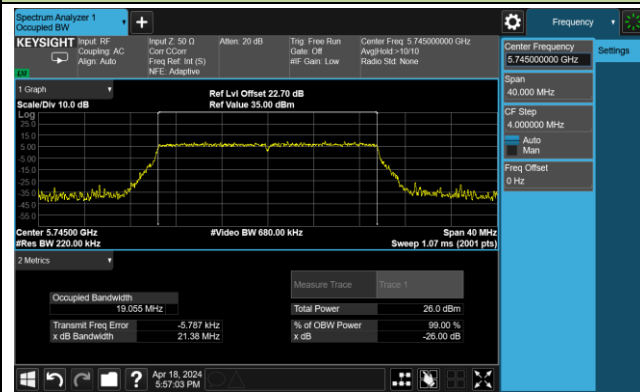
Channel 140 (5700MHz)



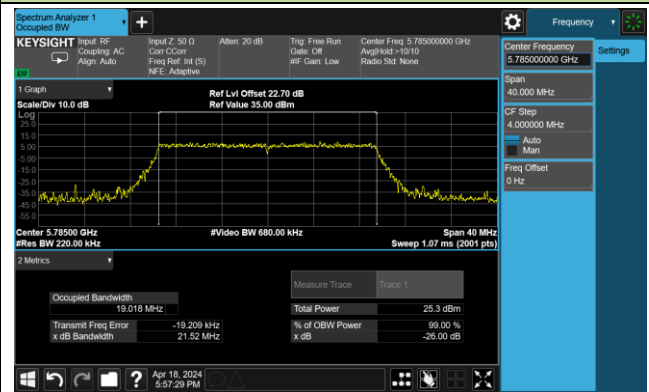
Channel 144 (5720MHz)



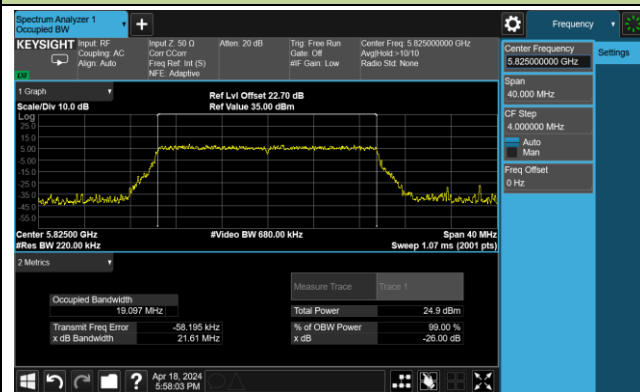
Channel 149 (5745MHz)



Channel 157 (5785MHz)

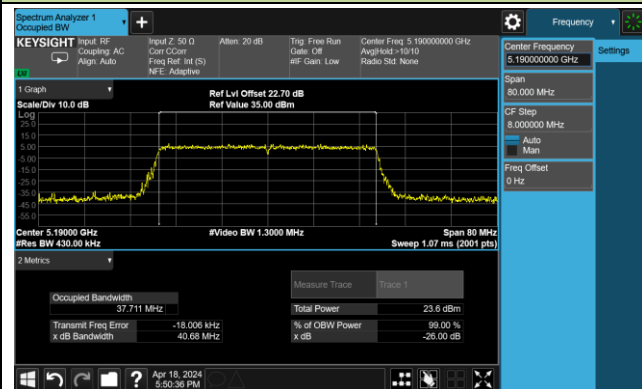


Channel 165 (5825MHz)

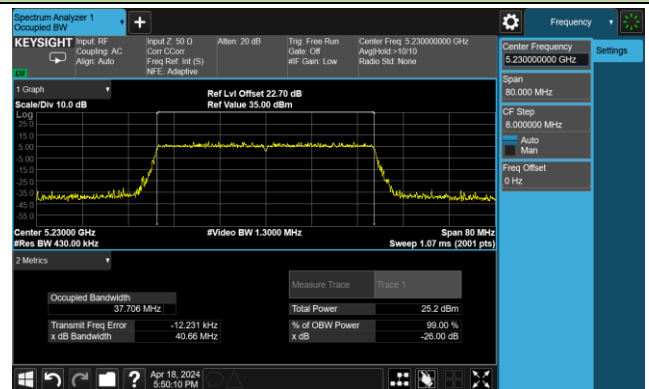


802.11be-EHT40 26dB Bandwidth & 99% Bandwidth

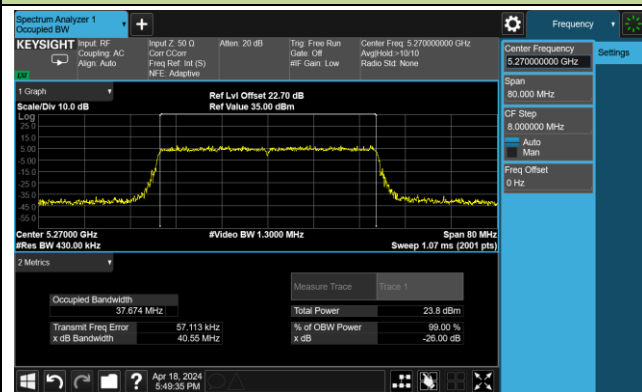
Channel 38 (5190MHz)



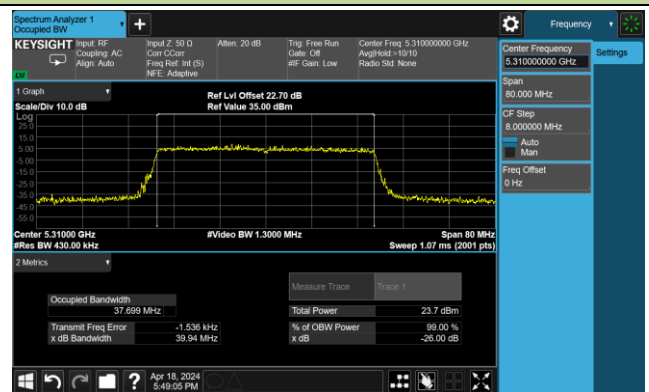
Channel 46 (5230MHz)



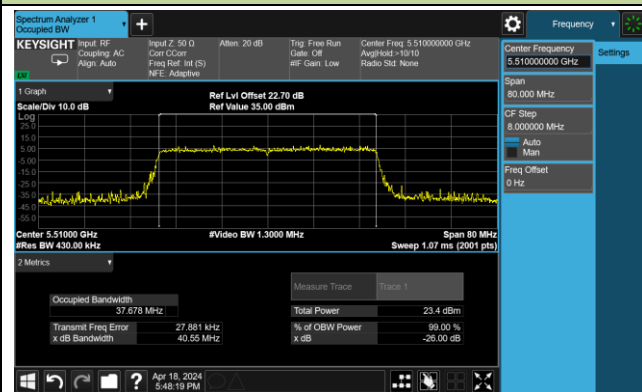
Channel 54 (5270MHz)



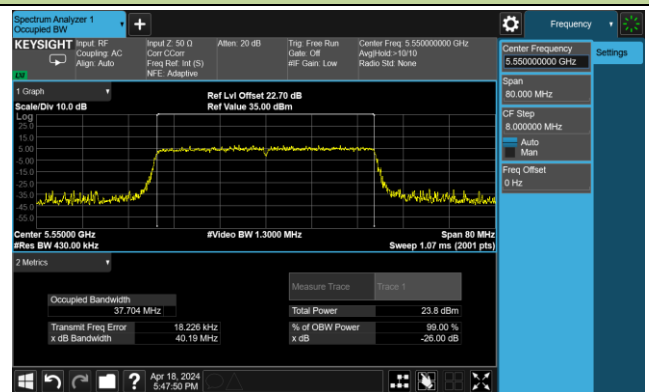
Channel 62 (5310MHz)



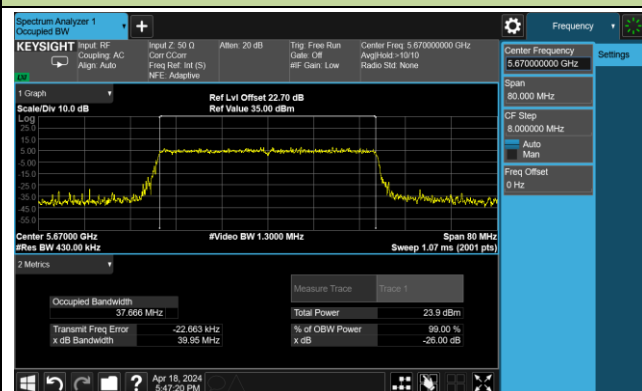
Channel 102 (5510MHz)



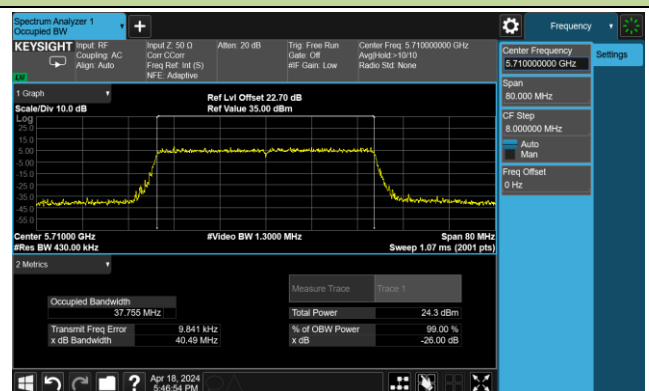
Channel 110 (5550MHz)

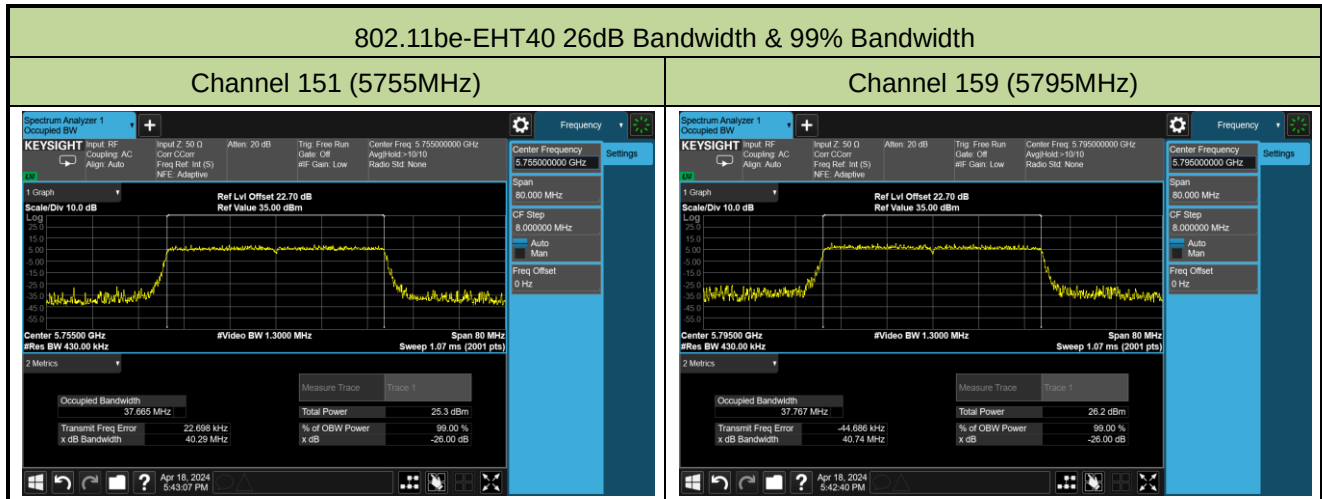


Channel 134 (5670MHz)



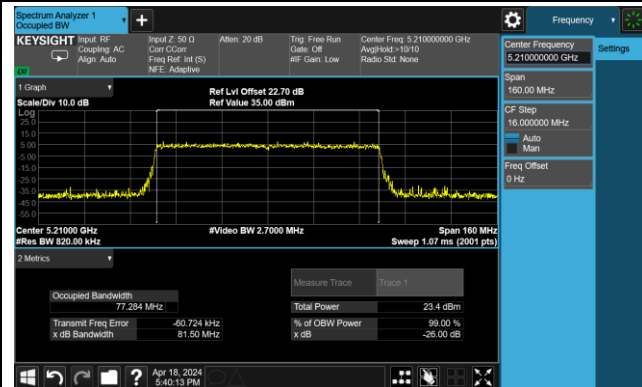
Channel 142 (5710MHz)



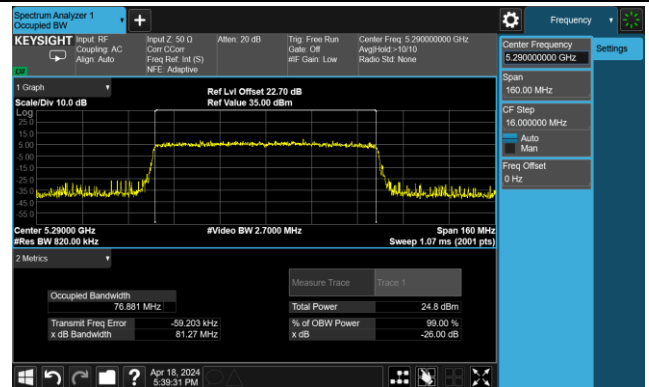


802.11be-EHT80 26dB Bandwidth & 99% Bandwidth

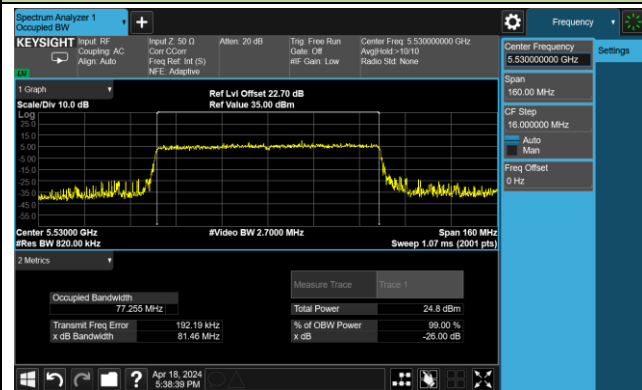
Channel 42 (5210MHz)



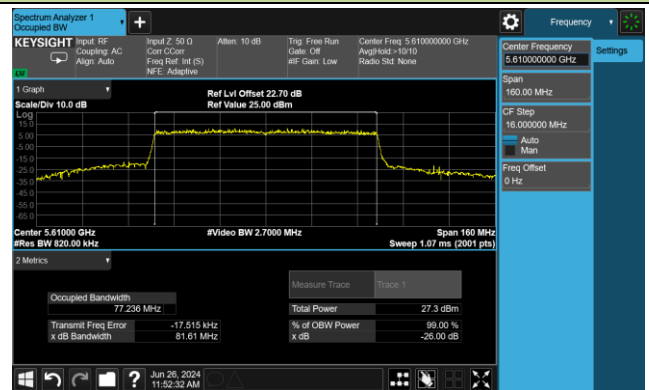
Channel 58 (5290MHz)



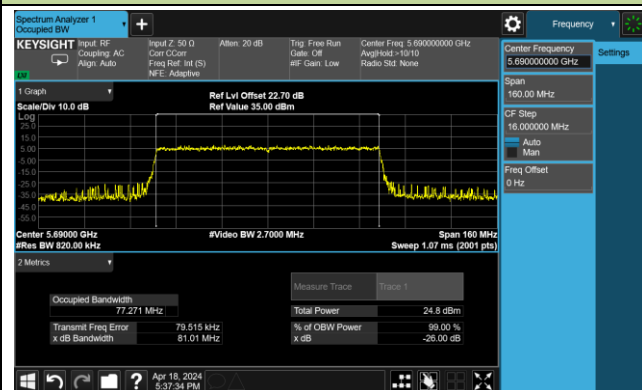
Channel 106 (5530MHz)



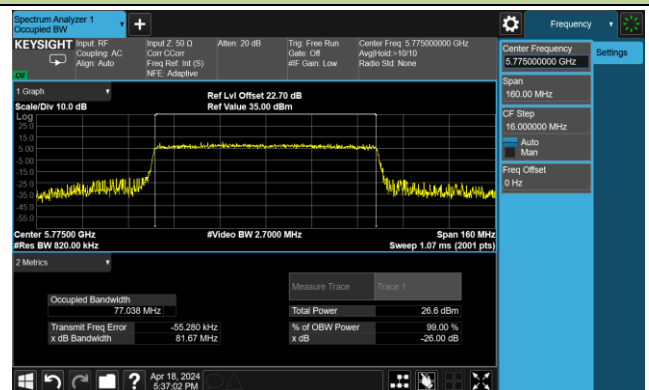
Channel 122 (5610MHz)



Channel 138 (5690MHz)

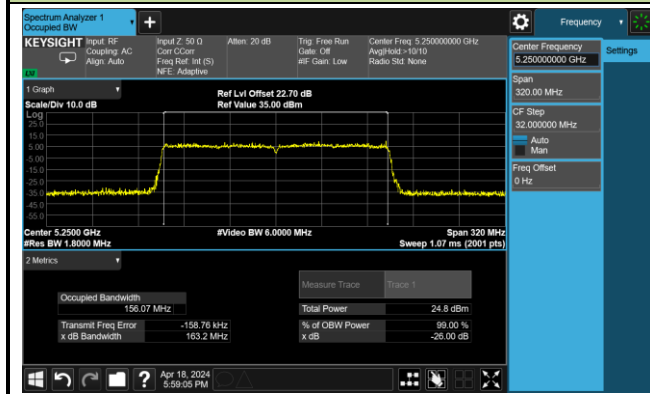


Channel 155 (5775MHz)

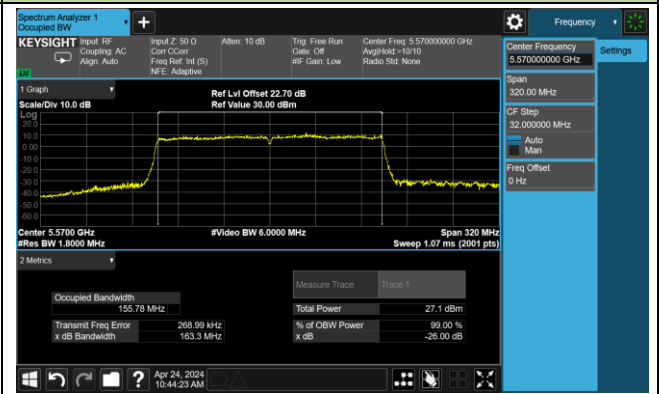


802.11be-EHT160 26dB Bandwidth & 99% Bandwidth

Channel 50 (5250MHz)



Channel 114 (5570MHz)



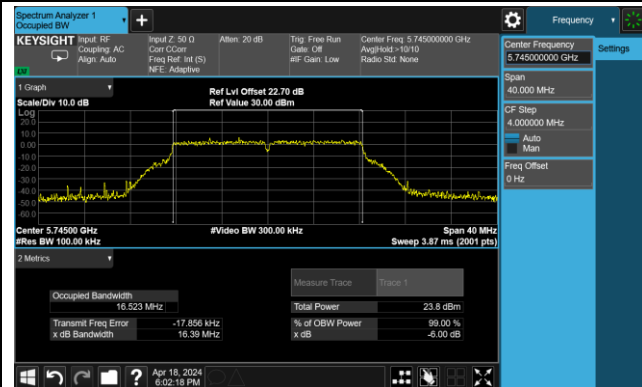
A.3 6dB Bandwidth Test Result

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-04-18		

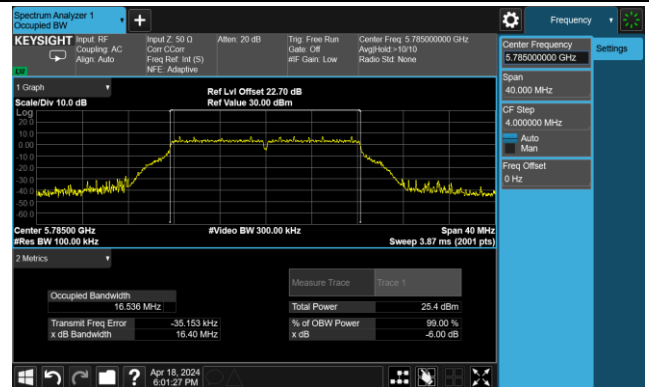
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
11a	6Mbps	149	5745	16.39	≥ 0.5
11a	6Mbps	157	5785	16.40	≥ 0.5
11a	6Mbps	165	5825	16.45	≥ 0.5
11ac-VHT20	MCS0	149	5745	17.59	≥ 0.5
11ac-VHT20	MCS0	157	5785	17.58	≥ 0.5
11ac-VHT20	MCS0	165	5825	17.61	≥ 0.5
11ac-VHT40	MCS0	151	5755	36.10	≥ 0.5
11ac-VHT40	MCS0	159	5795	36.39	≥ 0.5
11ac-VHT80	MCS0	155	5775	75.35	≥ 0.5
11ax-HE20	MCS0	149	5745	19.01	≥ 0.5
11ax-HE20	MCS0	157	5785	18.98	≥ 0.5
11ax-HE20	MCS0	165	5825	18.98	≥ 0.5
11ax-HE40	MCS0	151	5755	37.93	≥ 0.5
11ax-HE40	MCS0	159	5795	37.74	≥ 0.5
11ax-HE80	MCS0	155	5775	77.36	≥ 0.5
11be-EHT20	MCS0	149	5745	19.01	≥ 0.5
11be-EHT20	MCS0	157	5785	18.99	≥ 0.5
11be-EHT20	MCS0	165	5825	19.02	≥ 0.5
11be-EHT40	MCS0	151	5755	37.55	≥ 0.5
11be-EHT40	MCS0	159	5795	37.60	≥ 0.5
11be-EHT80	MCS0	155	5775	76.88	≥ 0.5

802.11a 6dB Bandwidth

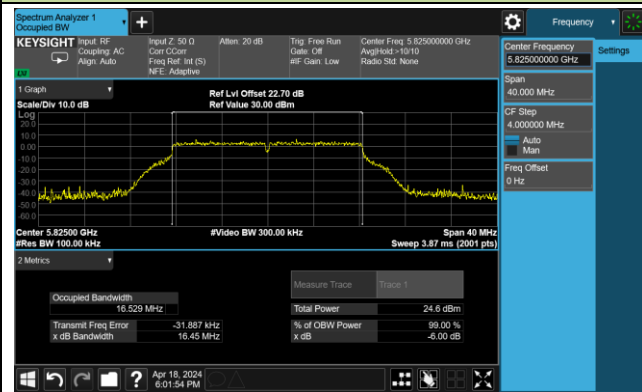
Channel 149 (5745MHz)



Channel 157 (5785MHz)

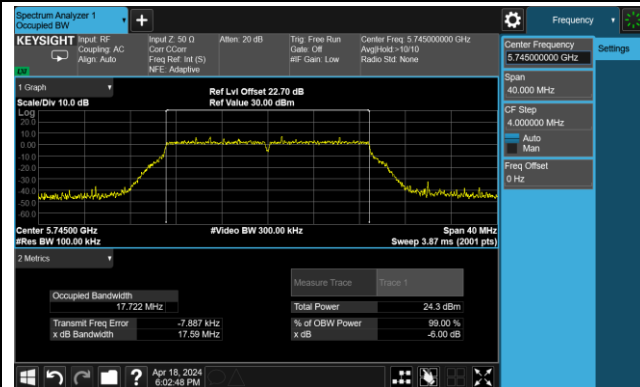


Channel 165 (5825MHz)

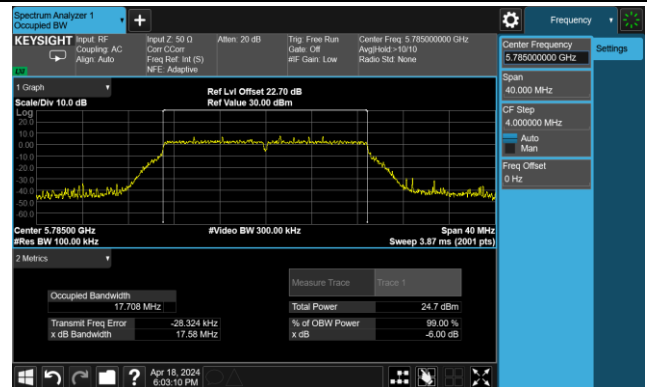


802.11ac-VHT20 6dB Bandwidth

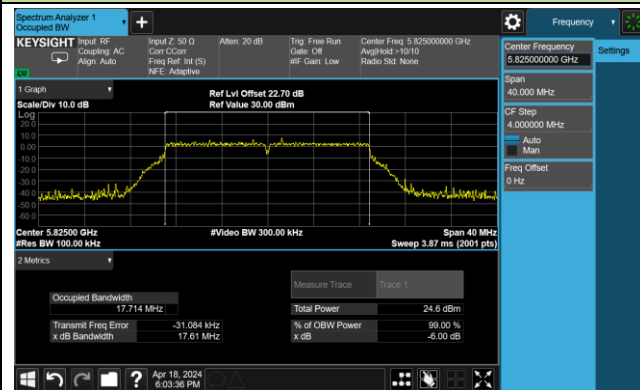
Channel 149 (5745MHz)



Channel 157 (5785MHz)

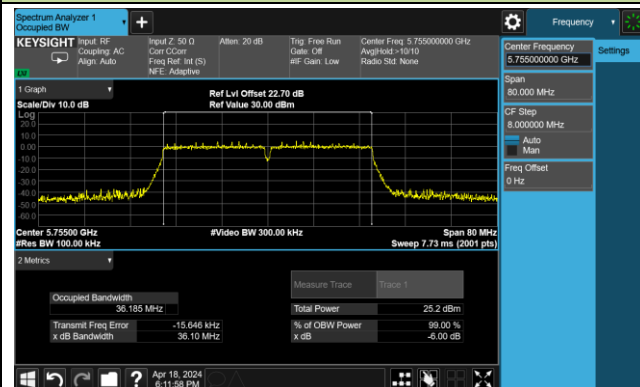


Channel 165 (5825MHz)

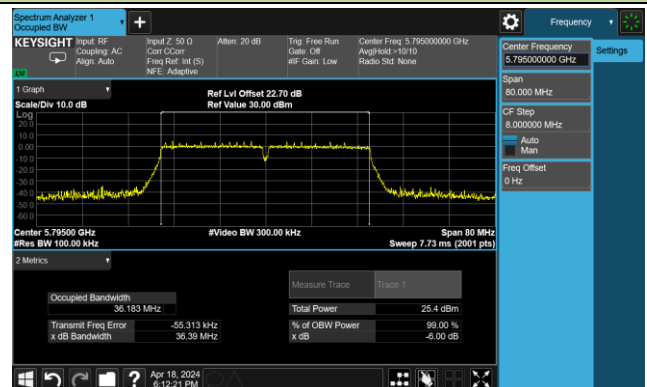


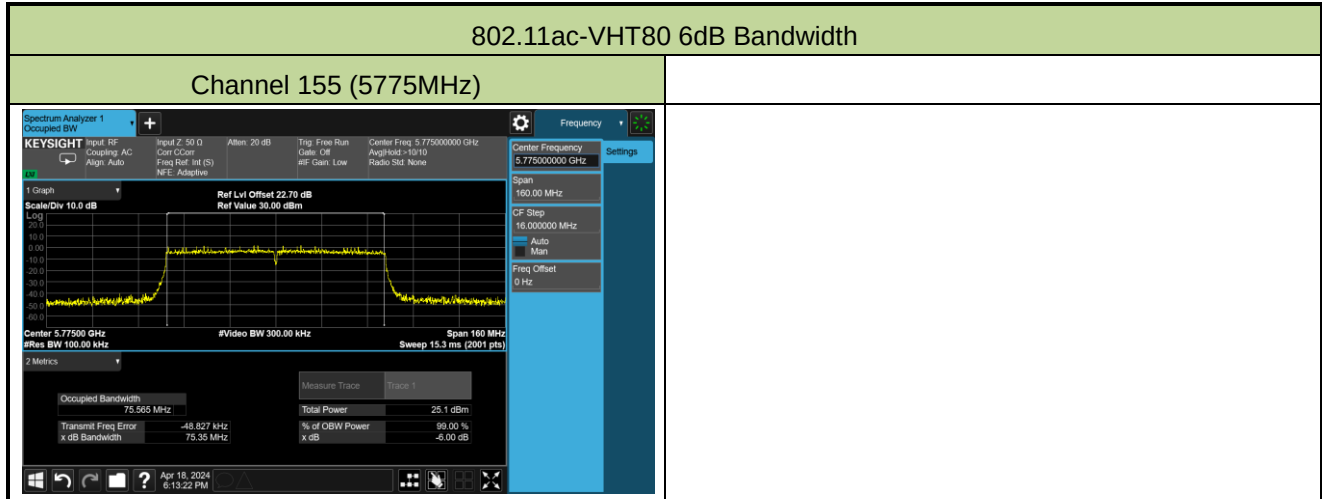
802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)



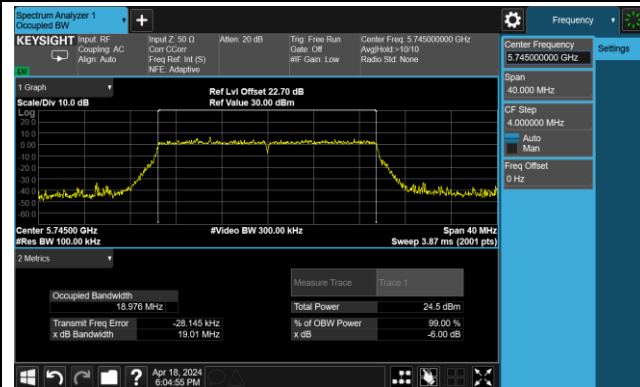
Channel 159 (5795MHz)



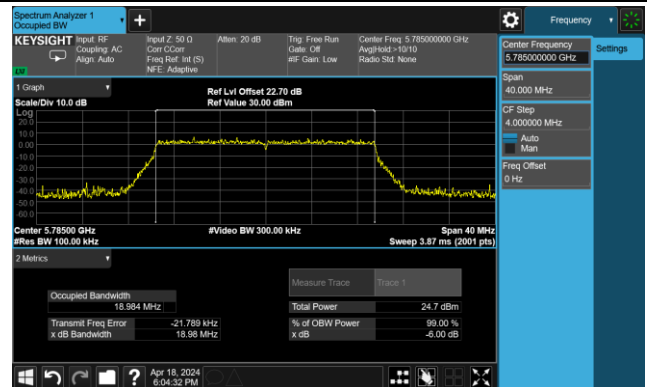


802.11ax-HE20 6dB Bandwidth

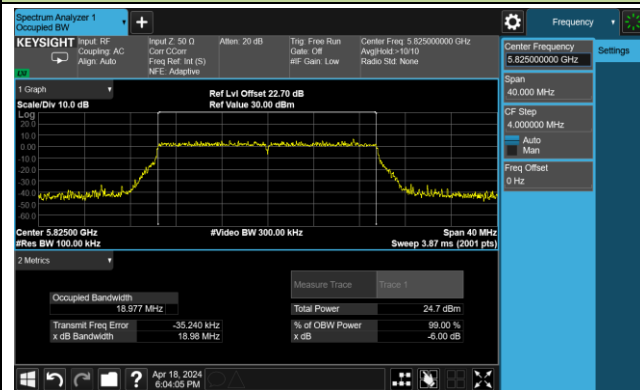
Channel 149 (5745MHz)



Channel 157 (5785MHz)

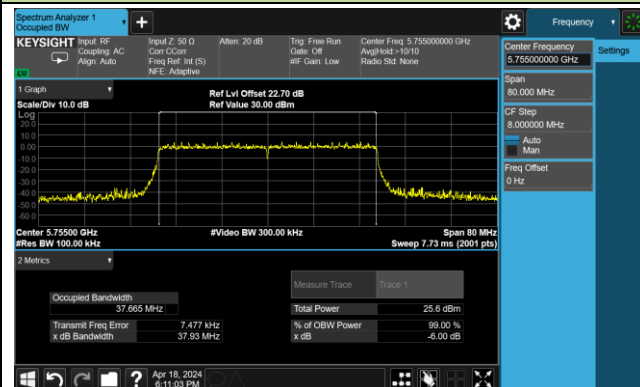


Channel 165 (5825MHz)

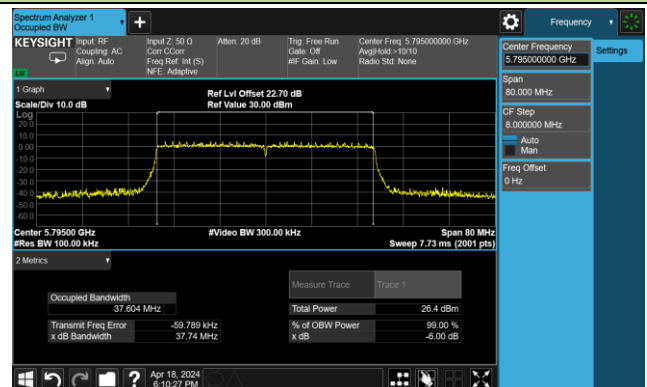


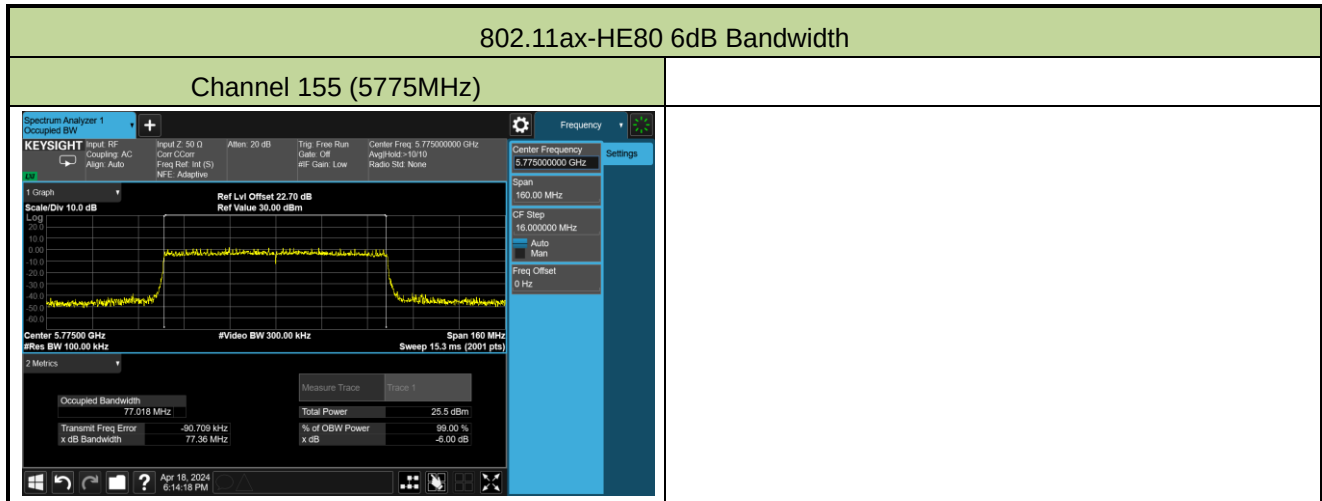
802.11ax-HE40 6dB Bandwidth

Channel 151 (5755MHz)



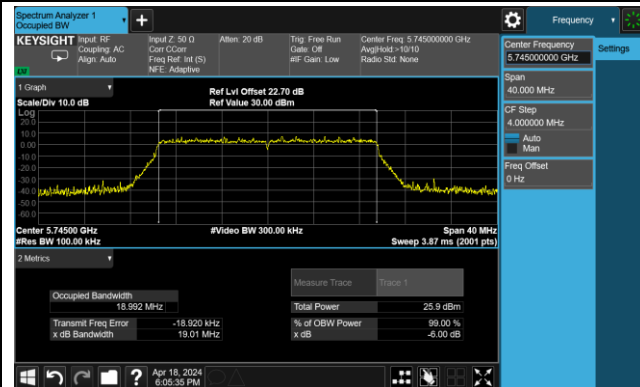
Channel 159 (5795MHz)



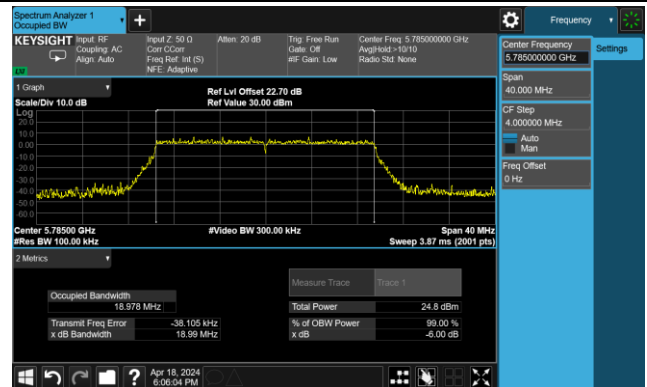


802.11be-EHT20 6dB Bandwidth

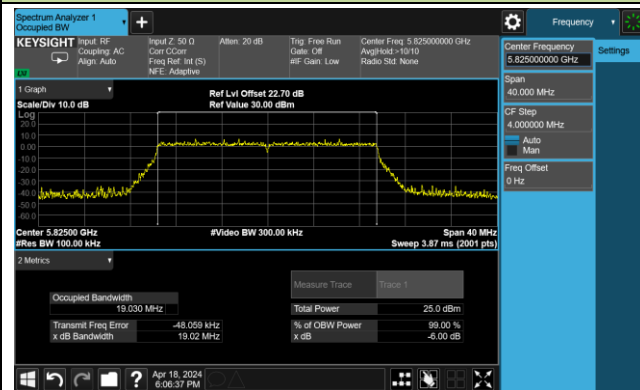
Channel 149 (5745MHz)



Channel 157 (5785MHz)

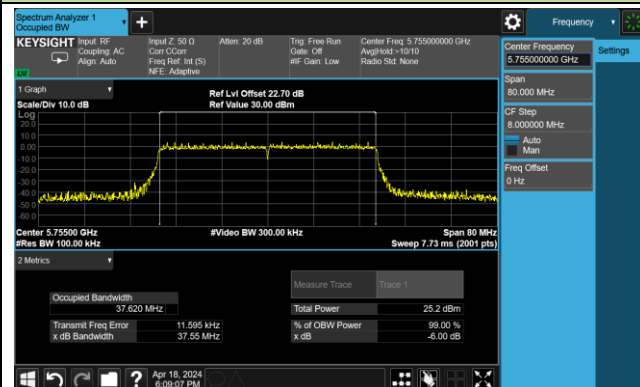


Channel 165 (5825MHz)

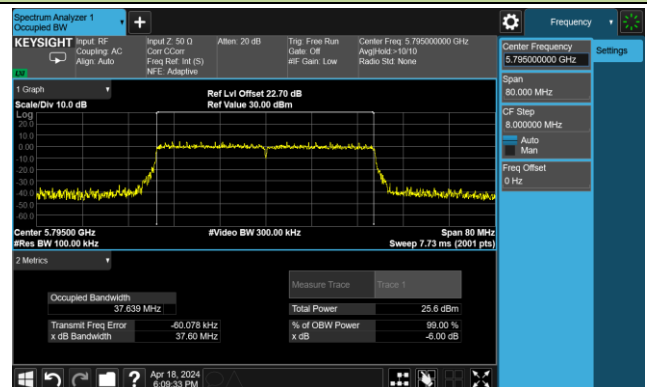


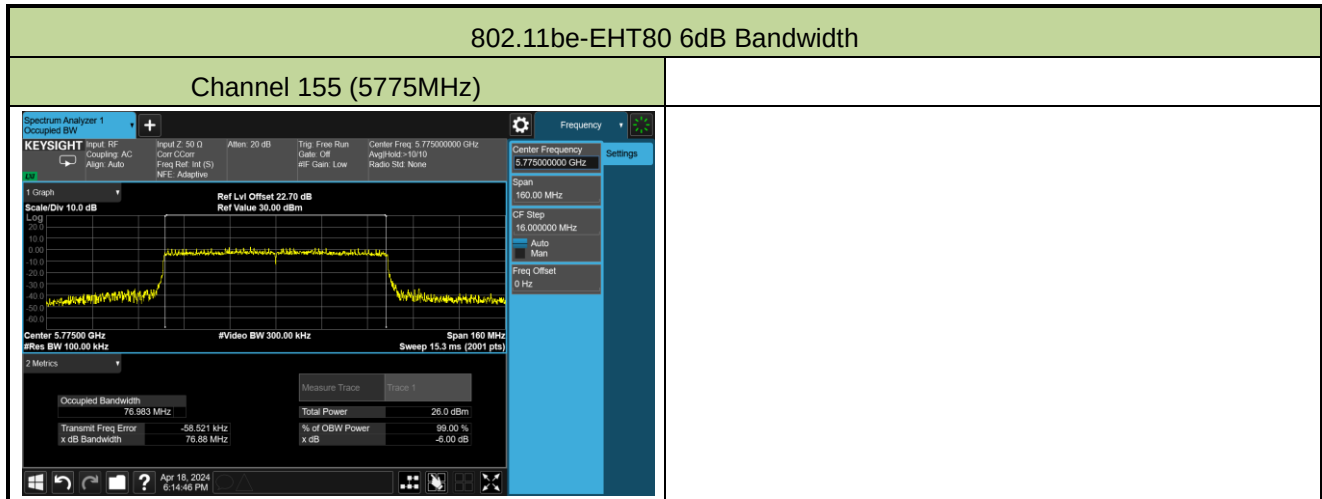
802.11be-EHT40 6dB Bandwidth

Channel 151 (5755MHz)



Channel 159 (5795MHz)





A.4 Output Power Test Result

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-06-26		

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 1	Ant 2	Ant 3	Ant 4		
11a	6Mbps	36	5180	18.42	18.39	17.56	17.62	24.04	≤ 30.00
11a	6Mbps	44	5220	18.33	18.31	18.16	18.02	24.23	≤ 30.00
11a	6Mbps	48	5240	18.26	18.07	17.71	17.61	23.94	≤ 30.00
11a	6Mbps	52	5260	13.15	12.75	13.35	13.51	19.22	≤ 23.98
11a	6Mbps	60	5300	13.12	13.16	13.46	13.31	19.29	≤ 23.98
11a	6Mbps	64	5320	12.91	12.88	13.26	13.06	19.05	≤ 23.98
11a	6Mbps	100	5500	12.92	13.21	13.39	13.37	19.25	≤ 23.98
11a	6Mbps	116	5580	13.34	13.24	13.61	13.68	19.49	≤ 23.98
11a	6Mbps	140	5700	12.99	13.36	13.46	13.21	19.28	≤ 23.98
11a	6Mbps	144	5720	12.96	12.87	13.01	12.46	18.85	≤ 22.97 ^{Note 2&3}
11a	6Mbps	149	5745	17.89	18.26	18.07	17.95	24.07	≤ 30.00
11a	6Mbps	157	5785	18.23	18.28	18.31	18.11	24.25	≤ 30.00
11a	6Mbps	165	5825	18.12	18.35	18.09	18.01	24.16	≤ 30.00
11ac-VHT20	MCS0	36	5180	18.45	18.47	17.87	17.78	24.17	≤ 30.00
11ac-VHT20	MCS0	44	5220	18.33	18.22	17.79	17.72	24.04	≤ 30.00
11ac-VHT20	MCS0	48	5240	18.35	18.13	17.50	17.58	23.93	≤ 30.00
11ac-VHT20	MCS0	52	5260	13.42	13.04	13.89	13.62	19.52	≤ 23.98
11ac-VHT20	MCS0	60	5300	13.18	13.40	13.68	13.35	19.43	≤ 23.98
11ac-VHT20	MCS0	64	5320	12.87	13.08	13.60	13.46	19.28	≤ 23.98
11ac-VHT20	MCS0	100	5500	13.54	13.47	13.81	13.83	19.69	≤ 23.98
11ac-VHT20	MCS0	116	5580	13.48	13.20	13.87	13.67	19.58	≤ 23.98
11ac-VHT20	MCS0	140	5700	13.17	13.48	13.64	13.26	19.41	≤ 23.98
11ac-VHT20	MCS0	144	5720	13.19	13.21	13.23	13.02	19.18	≤ 22.98 ^{Note 2&3}
11ac-VHT20	MCS0	149	5745	18.15	18.19	18.11	18.07	24.15	≤ 30.00
11ac-VHT20	MCS0	157	5785	18.04	18.42	17.92	18.06	24.13	≤ 30.00
11ac-VHT20	MCS0	165	5825	18.40	18.25	18.44	18.17	24.34	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 1	Ant 2	Ant 3	Ant 4		
11ac-VHT40	MCS0	38	5190	17.90	17.73	17.54	17.68	23.74	≤ 30.00
11ac-VHT40	MCS0	46	5230	18.21	18.14	18.05	17.99	24.12	≤ 30.00
11ac-VHT40	MCS0	54	5270	16.32	15.84	16.40	16.09	22.19	≤ 23.98
11ac-VHT40	MCS0	62	5310	16.12	15.65	16.31	15.88	22.02	≤ 23.98
11ac-VHT40	MCS0	102	5510	15.92	16.12	16.34	16.02	22.12	≤ 23.98
11ac-VHT40	MCS0	110	5550	16.33	16.40	16.71	16.45	22.50	≤ 23.98
11ac-VHT40	MCS0	134	5670	15.96	16.46	16.38	15.79	22.18	≤ 23.98
11ac-VHT40	MCS0	142	5710	15.64	15.93	16.02	15.35	21.76	≤ 23.98 ^{Note 2&3}
11ac-VHT40	MCS0	151	5755	18.11	18.45	18.21	18.26	24.28	≤ 30.00
11ac-VHT40	MCS0	159	5795	18.34	18.35	18.14	18.31	24.31	≤ 30.00
11ac-VHT80	MCS0	42	5210	16.67	17.12	17.13	16.95	22.99	≤ 30.00
11ac-VHT80	MCS0	58	5290	17.01	16.88	16.89	16.92	22.95	≤ 23.98
11ac-VHT80	MCS0	106	5530	16.28	16.46	16.71	16.22	22.44	≤ 23.98
11ac-VHT80	MCS0	122	5610	17.31	17.29	17.80	17.56	23.52	≤ 23.98
11ac-VHT80	MCS0	138	5690	17.54	17.60	17.45	17.46	23.53	≤ 23.98 ^{Note 2&3}
11ac-VHT80	MCS0	155	5775	17.95	18.15	18.35	18.32	24.22	≤ 30.00
11ac-VHT160	MCS0	50	5250	15.92	15.72	15.78	15.73	21.81	≤ 23.98 ^{Note 4}
11ac-VHT160	MCS0	114	5570	15.60	15.54	15.16	15.23	21.41	≤ 23.98
11ax-HE20	MCS0	36	5180	18.35	18.41	17.96	18.19	24.25	≤ 30.00
11ax-HE20	MCS0	44	5220	18.38	18.32	17.91	17.56	24.08	≤ 30.00
11ax-HE20	MCS0	48	5240	18.29	17.81	17.49	17.18	23.73	≤ 30.00
11ax-HE20	MCS0	52	5260	13.85	13.35	13.86	13.76	19.73	≤ 23.98
11ax-HE20	MCS0	60	5300	13.62	13.67	13.11	13.49	19.50	≤ 23.98
11ax-HE20	MCS0	64	5320	13.41	13.13	13.84	13.67	19.54	≤ 23.98
11ax-HE20	MCS0	100	5500	13.51	13.46	13.51	13.53	19.52	≤ 23.98
11ax-HE20	MCS0	116	5580	13.14	13.56	13.77	14.22	19.71	≤ 23.98
11ax-HE20	MCS0	140	5700	13.65	13.60	13.93	13.56	19.71	≤ 23.98
11ax-HE20	MCS0	144	5720	13.23	13.35	13.66	13.30	19.41	≤ 22.91 ^{Note 2&3}
11ax-HE20	MCS0	149	5745	18.26	18.45	18.41	18.32	24.38	≤ 30.00
11ax-HE20	MCS0	157	5785	17.84	18.34	17.83	17.85	23.99	≤ 30.00
11ax-HE20	MCS0	165	5825	18.46	18.44	18.37	18.14	24.37	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 1	Ant 2	Ant 3	Ant 4		
11ax-HE40	MCS0	38	5190	16.91	16.92	16.82	17.12	22.96	≤ 30.00
11ax-HE40	MCS0	46	5230	18.17	17.77	18.04	18.09	24.04	≤ 30.00
11ax-HE40	MCS0	54	5270	16.50	16.17	16.49	16.31	22.39	≤ 23.98
11ax-HE40	MCS0	62	5310	16.44	16.09	16.55	16.17	22.34	≤ 23.98
11ax-HE40	MCS0	102	5510	15.21	15.23	14.01	15.28	20.98	≤ 23.98
11ax-HE40	MCS0	110	5550	16.37	16.51	16.60	16.35	22.48	≤ 23.98
11ax-HE40	MCS0	134	5670	16.20	16.45	16.55	16.21	22.38	≤ 23.98
11ax-HE40	MCS0	142	5710	16.27	16.40	16.52	16.26	22.38	≤ 23.98 ^{Note 2&3}
11ax-HE40	MCS0	151	5755	18.34	18.40	18.20	18.42	24.36	≤ 30.00
11ax-HE40	MCS0	159	5795	18.04	18.45	18.28	18.34	24.30	≤ 30.00
11ax-HE80	MCS0	42	5210	16.49	16.75	16.87	16.69	22.72	≤ 30.00
11ax-HE80	MCS0	58	5290	17.48	17.73	17.64	17.65	23.65	≤ 23.98
11ax-HE80	MCS0	106	5530	15.78	15.76	16.21	15.61	21.87	≤ 23.98
11ax-HE80	MCS0	122	5610	17.46	17.75	17.80	17.72	23.71	≤ 23.98
11ax-HE80	MCS0	138	5690	17.41	17.85	17.62	17.58	23.64	≤ 23.98 ^{Note 2&3}
11ax-HE80	MCS0	155	5775	18.10	18.23	18.37	18.13	24.23	≤ 30.00
11ax-HE160	MCS0	50	5250	16.37	16.54	16.14	15.94	22.27	≤ 23.98 ^{Note 4}
11ax-HE160	MCS0	114	5570	17.44	17.39	17.48	17.38	23.44	≤ 23.98
11be-EHT20	MCS0	36	5180	18.41	18.24	17.95	17.54	24.07	≤ 30.00
11be-EHT20	MCS0	44	5220	18.45	18.21	17.96	18.01	24.18	≤ 30.00
11be-EHT20	MCS0	48	5240	18.48	17.88	17.26	17.14	23.74	≤ 30.00
11be-EHT20	MCS0	52	5260	13.52	13.34	14.07	13.82	19.72	≤ 23.98
11be-EHT20	MCS0	60	5300	13.32	12.95	13.64	13.45	19.37	≤ 23.98
11be-EHT20	MCS0	64	5320	13.33	13.14	13.72	13.58	19.47	≤ 23.98
11be-EHT20	MCS0	100	5500	13.89	13.56	13.80	13.94	19.82	≤ 23.98
11be-EHT20	MCS0	116	5580	13.50	13.44	13.98	14.01	19.76	≤ 23.98
11be-EHT20	MCS0	140	5700	13.49	13.56	13.68	13.46	19.57	≤ 23.98
11be-EHT20	MCS0	144	5720	13.24	13.15	13.78	13.38	19.41	≤ 22.91 ^{Note 2&3}
11be-EHT20	MCS0	149	5745	18.30	18.34	18.33	17.96	24.26	≤ 30.00
11be-EHT20	MCS0	157	5785	18.15	18.32	17.95	18.02	24.13	≤ 30.00
11be-EHT20	MCS0	165	5825	18.42	18.21	18.19	18.07	24.24	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 1	Ant 2	Ant 3	Ant 4		
11be-EHT40	MCS0	38	5190	17.29	17.45	17.22	17.41	23.36	≤ 30.00
11be-EHT40	MCS0	46	5230	18.39	18.05	18.09	18.09	24.18	≤ 30.00
11be-EHT40	MCS0	54	5270	16.60	16.11	16.72	16.13	22.42	≤ 23.98
11be-EHT40	MCS0	62	5310	16.04	15.85	16.24	15.57	21.95	≤ 23.98
11be-EHT40	MCS0	102	5510	15.12	14.80	15.26	14.92	21.05	≤ 23.98
11be-EHT40	MCS0	110	5550	16.88	17.34	17.58	17.40	23.33	≤ 23.98
11be-EHT40	MCS0	134	5670	17.16	17.45	17.50	16.98	23.30	≤ 23.98
11be-EHT40	MCS0	142	5710	16.34	16.36	16.68	16.25	22.43	≤ 23.98 ^{Note 2&3}
11be-EHT40	MCS0	151	5755	18.03	18.38	18.12	18.30	24.23	≤ 30.00
11be-EHT40	MCS0	159	5795	18.43	18.37	18.33	18.19	24.35	≤ 30.00
11be-EHT80	MCS0	42	5210	16.19	16.25	16.37	16.15	22.26	≤ 30.00
11be-EHT80	MCS0	58	5290	16.64	16.65	16.46	16.14	22.50	≤ 23.98
11be-EHT80	MCS0	106	5530	15.18	15.34	15.76	15.42	21.45	≤ 23.98
11be-EHT80	MCS0	122	5610	17.15	17.67	17.39	17.69	23.50	≤ 23.98
11be-EHT80	MCS0	138	5690	17.28	17.49	17.46	17.82	23.54	≤ 23.98 ^{Note 2&3}
11be-EHT80	MCS0	155	5775	18.10	18.42	18.21	18.25	24.27	≤ 30.00
11be-EHT160	MCS0	50	5250	15.92	15.86	16.23	15.82	21.98	≤ 23.98 ^{Note 4}
11be-EHT160	MCS0	114	5570	16.61	16.52	16.88	16.51	22.65	≤ 23.98

Note 1: Total Average Power (dBm) = $10 \cdot \log \{ 10^{(\text{Ant 1 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)} + 10^{(\text{Ant 3 Average Power} / 10)} + 10^{(\text{Ant 4 Average Power} / 10)} \}$ (dBm).

Note 2: Average Power Limit = 23.98dBm or $11 + 10 \cdot \log_{10} \text{EBW}_{2C}$ 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	2024-04-09 ~ 2024-04-23		
Test Item	Power Spectral Density (UNII-Band 1 & UNII-2a & UNII-2c)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVG PSD (dBm/ MHz)				Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 1	Ant 2	Ant 3	Ant 4			
11a	6Mbps	36	5180	4.971	4.867	4.220	3.822	94.77	10.749	≤ 13.50
11a	6Mbps	44	5220	5.996	5.867	5.306	5.436	94.77	11.915	≤ 13.50
11a	6Mbps	48	5240	6.174	5.832	5.356	5.100	94.77	11.889	≤ 13.50
11a	6Mbps	52	5260	0.794	0.643	1.347	1.100	94.77	7.233	≤ 7.50
11a	6Mbps	60	5300	0.784	0.747	1.415	0.920	94.77	7.229	≤ 7.50
11a	6Mbps	64	5320	0.672	0.719	1.524	1.008	94.77	7.248	≤ 7.50
11a	6Mbps	100	5500	0.621	0.852	0.859	0.942	94.77	7.074	≤ 7.50
11a	6Mbps	116	5580	1.050	0.813	1.042	1.321	94.77	7.314	≤ 7.50
11a	6Mbps	140	5700	1.083	1.120	1.086	0.924	94.77	7.308	≤ 7.50
11a	6Mbps	144	5720	1.011	0.826	1.005	0.906	94.77	7.192	≤ 7.50
11ac-VHT20	MCS0	36	5180	5.973	6.058	5.304	5.518	98.21	11.745	≤ 13.50
11ac-VHT20	MCS0	44	5220	5.876	5.657	5.248	5.123	98.21	11.507	≤ 13.50
11ac-VHT20	MCS0	48	5240	5.791	5.525	5.126	5.219	98.21	11.444	≤ 13.50
11ac-VHT20	MCS0	52	5260	1.105	0.958	1.484	1.269	98.21	7.229	≤ 7.50
11ac-VHT20	MCS0	60	5300	1.081	1.024	1.612	1.236	98.21	7.265	≤ 7.50
11ac-VHT20	MCS0	64	5320	0.845	0.764	1.775	1.092	98.21	7.158	≤ 7.50
11ac-VHT20	MCS0	100	5500	1.074	1.054	1.301	1.228	98.21	7.186	≤ 7.50
11ac-VHT20	MCS0	116	5580	1.209	0.912	1.106	1.186	98.21	7.125	≤ 7.50
11ac-VHT20	MCS0	140	5700	0.977	1.190	0.977	0.837	98.21	7.018	≤ 7.50
11ac-VHT20	MCS0	144	5720	0.907	1.045	1.128	0.784	98.21	6.989	≤ 7.50
11ac-VHT40	MCS0	38	5190	2.175	2.192	2.015	2.203	96.65	8.315	≤ 13.50
11ac-VHT40	MCS0	46	5230	2.684	2.520	2.368	2.387	96.65	8.660	≤ 13.50
11ac-VHT40	MCS0	54	5270	1.103	0.817	1.213	1.024	96.65	7.210	≤ 7.50
11ac-VHT40	MCS0	62	5310	1.310	0.871	1.474	0.895	96.65	7.314	≤ 7.50
11ac-VHT40	MCS0	102	5510	0.777	0.810	0.892	0.869	96.65	7.006	≤ 7.50
11ac-VHT40	MCS0	110	5550	1.023	1.105	1.322	1.175	96.65	7.326	≤ 7.50
11ac-VHT40	MCS0	134	5670	0.557	1.313	1.460	0.688	96.65	7.190	≤ 7.50
11ac-VHT40	MCS0	142	5710	0.770	0.872	1.067	0.889	96.65	7.069	≤ 7.50

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVGPSD (dBm/ MHz)				Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 1	Ant 2	Ant 3	Ant 4			
11ac-VHT80	MCS0	42	5210	-2.276	-1.793	-1.397	-1.563	93.46	4.570	≤ 13.50
11ac-VHT80	MCS0	58	5290	-1.939	-1.949	-2.055	-1.307	93.46	4.512	≤ 7.50
11ac-VHT80	MCS0	106	5530	-1.647	-2.456	-1.517	-2.074	93.46	4.406	≤ 7.50
11ac-VHT80	MCS0	122	5610	-1.041	-0.894	-0.883	-0.875	93.46	5.392	≤ 7.50
11ac-VHT80	MCS0	138	5690	-1.454	-0.642	-1.033	-0.780	93.46	5.348	≤ 7.50
11ac-VHT160	MCS0	50	5250	-5.530	-5.547	-5.585	-5.550	88.73	0.987	≤ 7.50 ^{Note 2}
11ac-VHT160	MCS0	114	5570	-5.576	-6.131	-5.635	-5.673	88.73	0.792	≤ 7.50
11ax-HE20	MCS0	36	5180	5.899	5.971	5.232	5.284	97.71	11.731	≤ 13.50
11ax-HE20	MCS0	44	5220	5.569	5.395	4.878	5.168	97.71	11.381	≤ 13.50
11ax-HE20	MCS0	48	5240	5.614	5.172	4.578	4.551	97.71	11.123	≤ 13.50
11ax-HE20	MCS0	52	5260	1.196	0.944	1.442	1.272	97.71	7.338	≤ 7.50
11ax-HE20	MCS0	60	5300	0.657	0.794	1.398	1.099	97.71	7.118	≤ 7.50
11ax-HE20	MCS0	64	5320	0.952	0.888	1.832	1.192	97.71	7.354	≤ 7.50
11ax-HE20	MCS0	100	5500	1.028	0.949	1.087	1.059	97.71	7.152	≤ 7.50
11ax-HE20	MCS0	116	5580	0.836	0.786	0.987	1.184	97.71	7.072	≤ 7.50
11ax-HE20	MCS0	140	5700	1.012	1.094	1.124	0.899	97.71	7.154	≤ 7.50
11ax-HE20	MCS0	144	5720	0.986	0.986	1.175	0.910	97.71	7.137	≤ 7.50
11ax-HE40	MCS0	38	5190	1.590	1.300	0.848	1.176	95.97	7.436	≤ 13.50
11ax-HE40	MCS0	46	5230	2.420	2.289	2.208	2.247	95.97	8.491	≤ 13.50
11ax-HE40	MCS0	54	5270	1.191	0.896	1.269	0.990	95.97	7.288	≤ 7.50
11ax-HE40	MCS0	62	5310	0.804	0.649	1.190	0.452	95.97	6.982	≤ 7.50
11ax-HE40	MCS0	102	5510	-0.223	-0.631	-0.152	-0.441	95.97	5.842	≤ 7.50
11ax-HE40	MCS0	110	5550	0.982	0.973	1.260	1.080	95.97	7.275	≤ 7.50
11ax-HE40	MCS0	134	5670	0.870	1.457	1.259	0.811	95.97	7.307	≤ 7.50
11ax-HE40	MCS0	142	5710	1.180	1.164	1.175	0.804	95.97	7.283	≤ 7.50
11ax-HE80	MCS0	42	5210	-2.203	-2.126	-1.646	-2.381	90.52	4.373	≤ 13.50
11ax-HE80	MCS0	58	5290	-0.929	-1.167	-1.065	-0.599	90.52	5.518	≤ 7.50
11ax-HE80	MCS0	106	5530	-2.587	-3.005	-1.966	-2.685	90.52	3.909	≤ 7.50
11ax-HE80	MCS0	122	5610	-1.311	-0.753	-0.804	-0.643	90.52	5.583	≤ 7.50
11ax-HE80	MCS0	138	5690	-0.984	-0.806	-1.073	-0.850	90.52	5.526	≤ 7.50
11ax-HE160	MCS0	50	5250	-4.431	-4.516	-4.460	-4.556	88.53	2.059	≤ 7.50 ^{Note 2}
11ax-HE160	MCS0	114	5570	-3.319	-3.678	-3.414	-3.486	88.53	3.077	≤ 7.50

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVG PSD (dBm/ MHz)				Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 1	Ant 2	Ant 3	Ant 4			
11be-EHT20	MCS0	36	5180	5.678	5.567	5.012	4.968	97.71	11.439	≤ 13.50
11be-EHT20	MCS0	44	5220	5.667	5.358	4.833	4.822	97.71	11.306	≤ 13.50
11be-EHT20	MCS0	48	5240	5.420	4.940	4.523	4.558	97.71	10.997	≤ 13.50
11be-EHT20	MCS0	52	5260	1.202	0.876	1.477	1.259	97.71	7.330	≤ 7.50
11be-EHT20	MCS0	60	5300	0.737	0.603	1.354	1.032	97.71	7.062	≤ 7.50
11be-EHT20	MCS0	64	5320	1.095	1.015	1.726	1.176	97.71	7.383	≤ 7.50
11be-EHT20	MCS0	100	5500	1.165	1.116	1.434	1.073	97.71	7.321	≤ 7.50
11be-EHT20	MCS0	116	5580	1.016	0.786	0.862	1.037	97.71	7.048	≤ 7.50
11be-EHT20	MCS0	140	5700	1.024	1.191	1.183	0.763	97.71	7.165	≤ 7.50
11be-EHT20	MCS0	144	5720	0.915	0.820	1.323	0.812	97.71	7.094	≤ 7.50
11be-EHT40	MCS0	38	5190	1.833	1.633	1.514	1.553	95.92	7.837	≤ 13.50
11be-EHT40	MCS0	46	5230	2.424	2.241	2.154	2.458	95.92	8.523	≤ 13.50
11be-EHT40	MCS0	54	5270	1.011	0.811	1.129	0.815	95.92	7.145	≤ 7.50
11be-EHT40	MCS0	62	5310	0.619	0.364	1.056	0.165	95.92	6.765	≤ 7.50
11be-EHT40	MCS0	102	5510	-0.895	-0.836	-0.374	-0.600	95.92	5.530	≤ 7.50
11be-EHT40	MCS0	110	5550	1.066	1.053	0.959	1.043	95.92	7.232	≤ 7.50
11be-EHT40	MCS0	134	5670	1.130	1.535	1.262	0.787	95.92	7.388	≤ 7.50
11be-EHT40	MCS0	142	5710	1.286	1.114	1.155	0.752	95.92	7.283	≤ 7.50
11be-EHT80	MCS0	42	5210	-2.778	-2.283	-2.012	-2.212	92.74	4.036	≤ 13.50
11be-EHT80	MCS0	58	5290	-2.203	-2.277	-2.089	-1.719	92.74	4.281	≤ 7.50
11be-EHT80	MCS0	106	5530	-2.621	-3.483	-2.733	-3.215	92.74	3.349	≤ 7.50
11be-EHT80	MCS0	122	5610	-0.893	-0.958	-0.750	-0.964	92.74	5.458	≤ 7.50
11be-EHT80	MCS0	138	5690	-1.615	-1.224	-1.180	-0.951	92.74	5.112	≤ 7.50
11be-EHT160	MCS0	50	5250	-4.343	-4.739	-4.799	-4.660	88.50	1.920	≤ 7.50 ^{Note 2}
11be-EHT160	MCS0	114	5570	-4.155	-4.596	-4.129	-3.957	88.50	2.348	≤ 7.50

Note 1: When EUT duty cycle < 98%, the total PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 1 AVG PSD}/10)} + 10^{(\text{Ant 2 AVG PSD}/10)} + 10^{(\text{Ant 3 AVG PSD}/10)} + 10^{(\text{Ant 4 AVG PSD}/10)}\} + 10 \cdot \log (1/\text{Duty cycle})$.

When EUT duty cycle ≥ 98%, the total PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 1 AVG PSD}/10)} + 10^{(\text{Ant 2 AVG PSD}/10)} + 10^{(\text{Ant 3 AVG PSD}/10)} + 10^{(\text{Ant 4 AVG PSD}/10)}\}$.

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 – (9.5-6) = 13.5 (dBm/MHz)
For NII-2A, PSD Limit (dBm/MHz) = 11 – (Directional Gain for PSD - 6) = 11 – (9.5-6) = 7.5 (dBm/MHz)

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-04-16 ~ 2024-04-17		
Test Item	Power Spectral Density (UNII-Band 3)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVG PSD (dBm / 510KHz)				Duty Cycle (%)	Total PSD (dBm / 510KHz)	PSD Limit (dBm / 500KHz)
				Ant 1	Ant 2	Ant 3	Ant 4			
11a	6Mbps	149	5745	3.210	3.193	3.007	2.991	94.77	9.355	≤ 26.50
11a	6Mbps	157	5785	3.044	3.349	3.083	3.299	94.77	9.450	≤ 26.50
11a	6Mbps	165	5825	3.708	3.458	3.408	3.252	94.77	9.713	≤ 26.50
11ac-VHT20	MCS0	149	5745	2.862	3.103	2.886	3.080	98.21	9.005	≤ 26.50
11ac-VHT20	MCS0	157	5785	3.228	3.398	3.109	3.008	98.21	9.209	≤ 26.50
11ac-VHT20	MCS0	165	5825	3.487	3.229	3.141	3.367	98.21	9.329	≤ 26.50
11ac-VHT40	MCS0	151	5755	0.212	0.604	0.262	0.613	96.65	6.595	≤ 26.50
11ac-VHT40	MCS0	159	5795	0.699	0.749	0.456	0.346	96.65	6.734	≤ 26.50
11ac-VHT80	MCS0	155	5775	-2.579	-2.595	-2.517	-2.811	93.46	3.690	≤ 26.50
11ax-HE20	MCS0	149	5745	3.162	3.006	2.981	3.049	97.71	9.171	≤ 26.50
11ax-HE20	MCS0	157	5785	2.781	2.792	2.602	2.730	97.71	8.848	≤ 26.50
11ax-HE20	MCS0	165	5825	3.028	3.310	2.905	3.141	97.71	9.220	≤ 26.50
11ax-HE40	MCS0	151	5755	0.223	0.373	0.143	0.330	95.97	6.467	≤ 26.50
11ax-HE40	MCS0	159	5795	0.401	0.734	0.580	0.547	95.97	6.766	≤ 26.50
11ax-HE80	MCS0	155	5775	-2.901	-2.479	-2.479	-2.311	90.52	3.916	≤ 26.50
11be-EHT20	MCS0	149	5745	2.987	3.155	3.083	3.373	97.71	9.273	≤ 26.50
11be-EHT20	MCS0	157	5785	3.127	3.268	3.064	2.725	97.71	9.172	≤ 26.50
11be-EHT20	MCS0	165	5825	3.415	3.467	3.167	3.272	97.71	9.453	≤ 26.50
11be-EHT40	MCS0	151	5755	-0.106	0.184	0.203	0.244	95.92	6.335	≤ 26.50
11be-EHT40	MCS0	159	5795	0.695	0.466	0.110	0.308	95.92	6.602	≤ 26.50
11be-EHT80	MCS0	155	5775	-2.656	-2.798	-2.693	-2.747	92.74	3.625	≤ 26.50

Note 1:

When EUT duty cycle < 98%, the total PSD (dBm/510kHz) = $10 \cdot \log \{10^{(\text{Ant 1 AVG PSD}/10)} + 10^{(\text{Ant 2 AVG PSD}/10)} + 10^{(\text{Ant 3 AVG PSD}/10)} + 10^{(\text{Ant 4 AVG PSD}/10)}\} + 10 \cdot \log (1/\text{Duty cycle})$.

When EUT duty cycle ≥ 98%, the total PSD (dBm/510kHz) = $10 \cdot \log \{10^{(\text{Ant 1 AVG PSD}/10)} + 10^{(\text{Ant 2 AVG PSD}/10)} + 10^{(\text{Ant 3 AVG PSD}/10)} + 10^{(\text{Ant 4 AVG PSD}/10)}\}$.

Note 2: PSD Limit (dBm/510KHz) = 30 – (Directional Gain for PSD - 6) = 30 – (9.5-6) = 26.5 (dBm/510KHz)