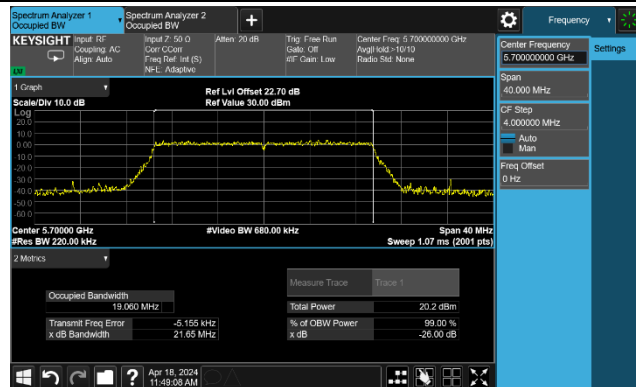
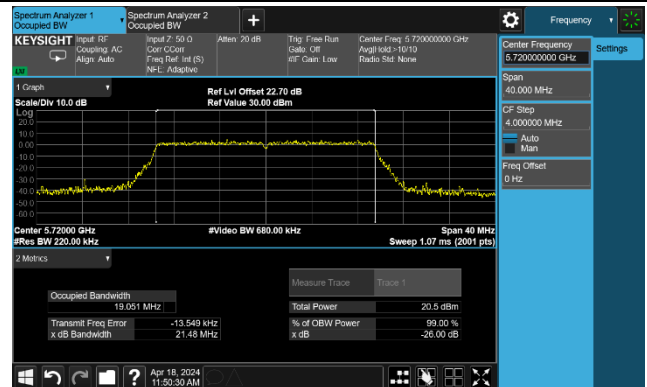


802.11ax-HE20 26 dB & 99% Bandwidth

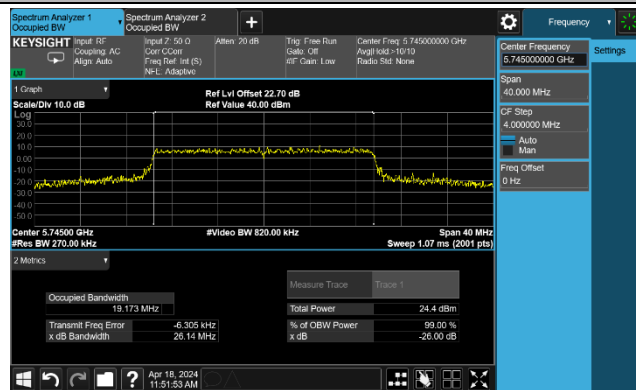
Channel 140 (5700 MHz)



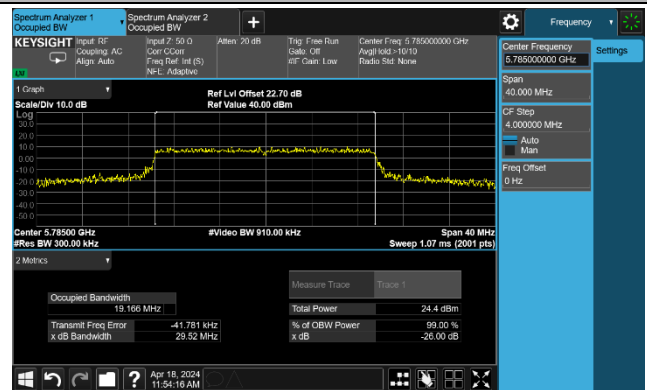
Channel 144 (5720 MHz)



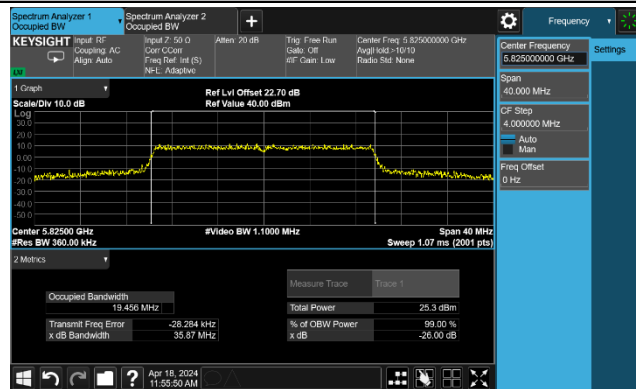
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

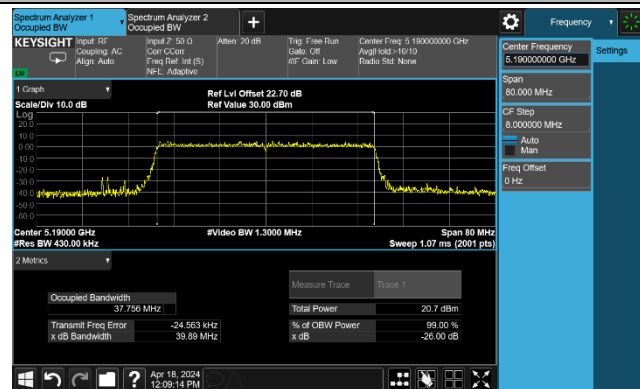


Channel 165 (5825 MHz)

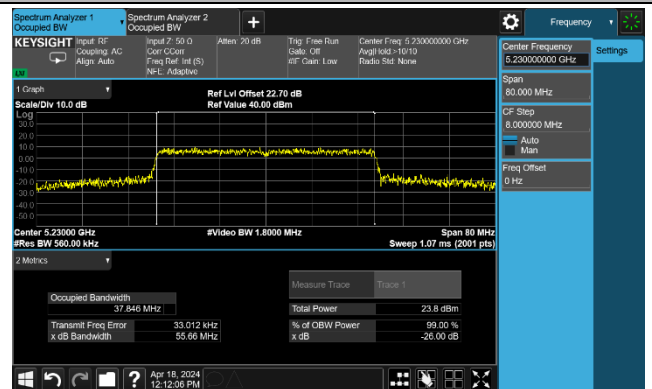


802.11ax-HE40 26 dB & 99% Bandwidth

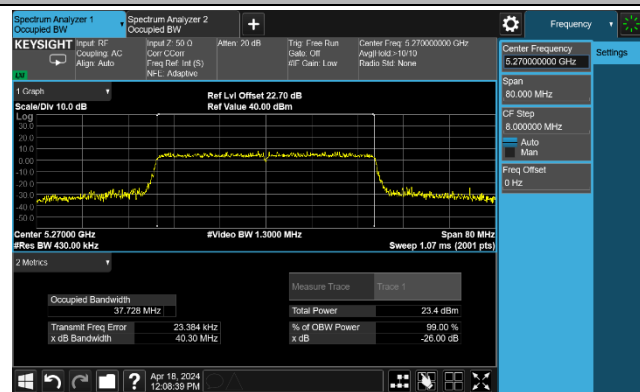
Channel 38 (5190 MHz)



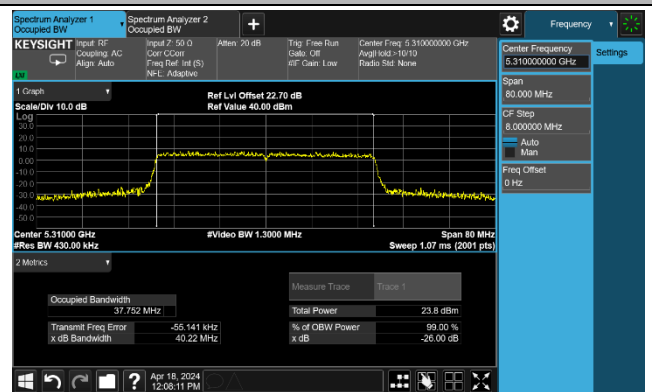
Channel 46 (5230 MHz)



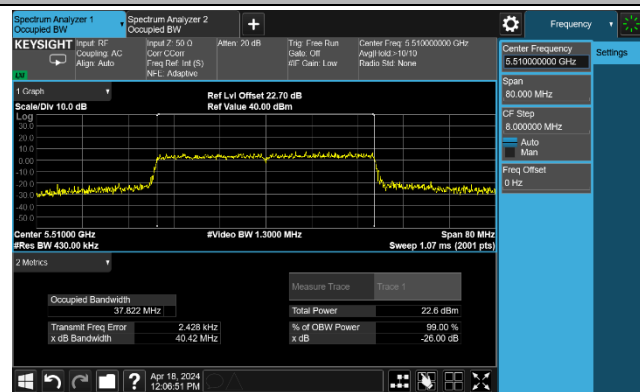
Channel 54 (5270 MHz)



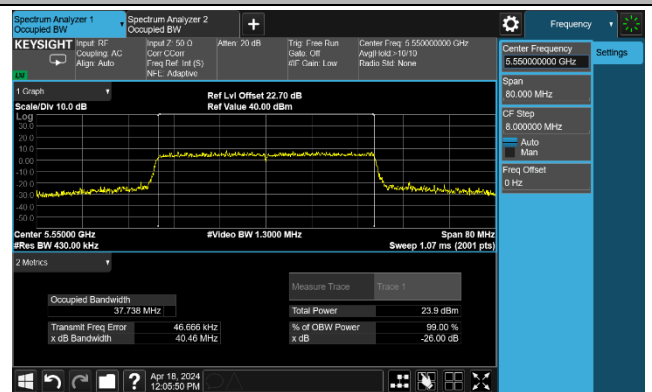
Channel 62 (5310 MHz)



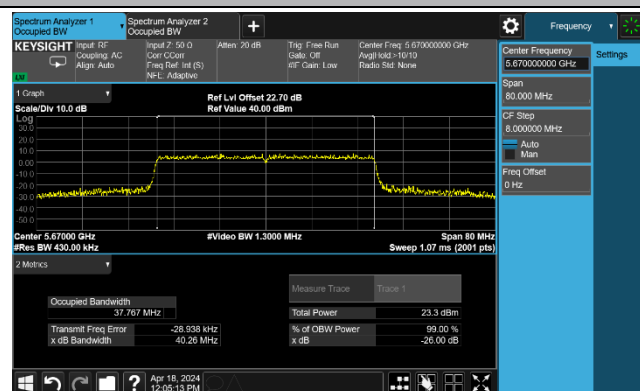
Channel 102 (5510 MHz)



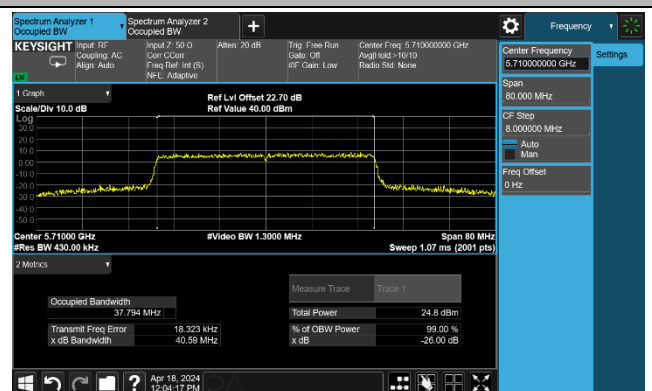
Channel 110 (5550 MHz)



Channel 134 (5670 MHz)



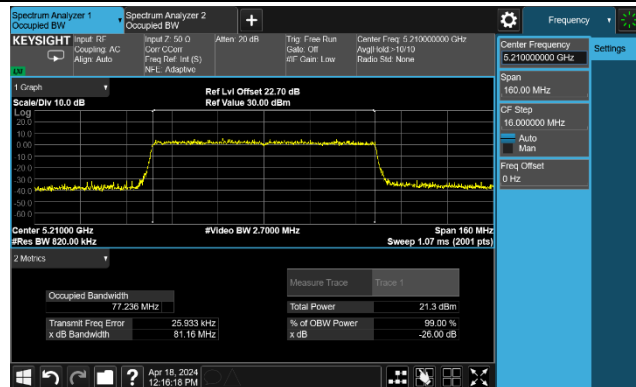
Channel 142 (5710 MHz)



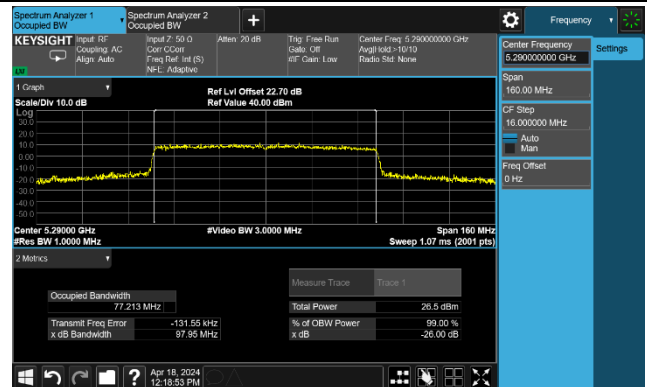


802.11ax-HE80 26 dB & 99% Bandwidth

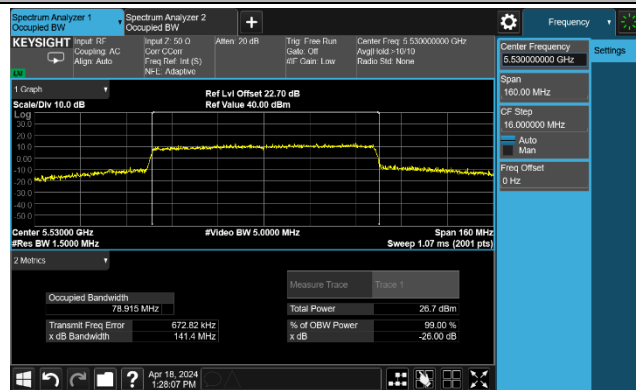
Channel 42 (5210 MHz)



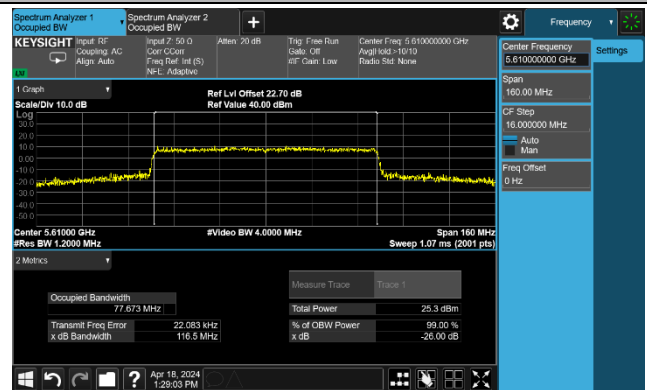
Channel 58 (5290 MHz)



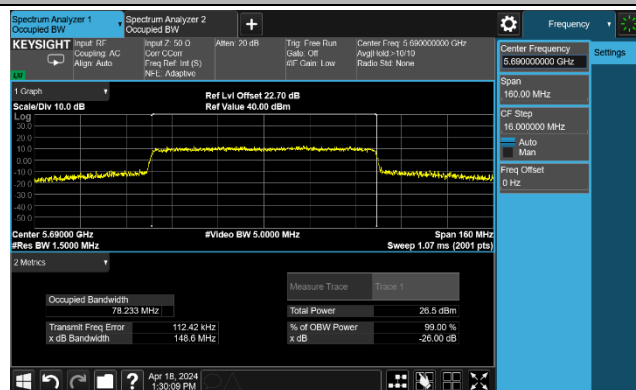
Channel 106 (5530 MHz)



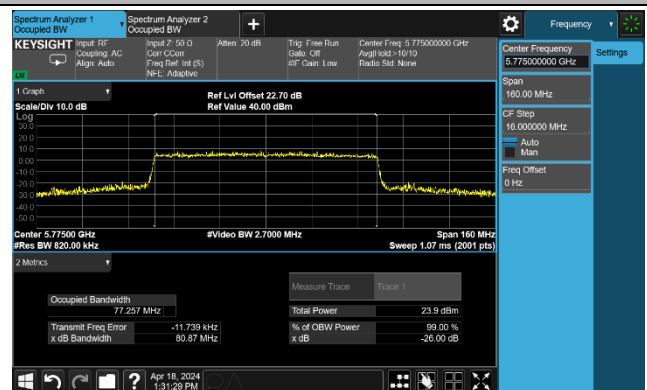
Channel 122 (5610 MHz)

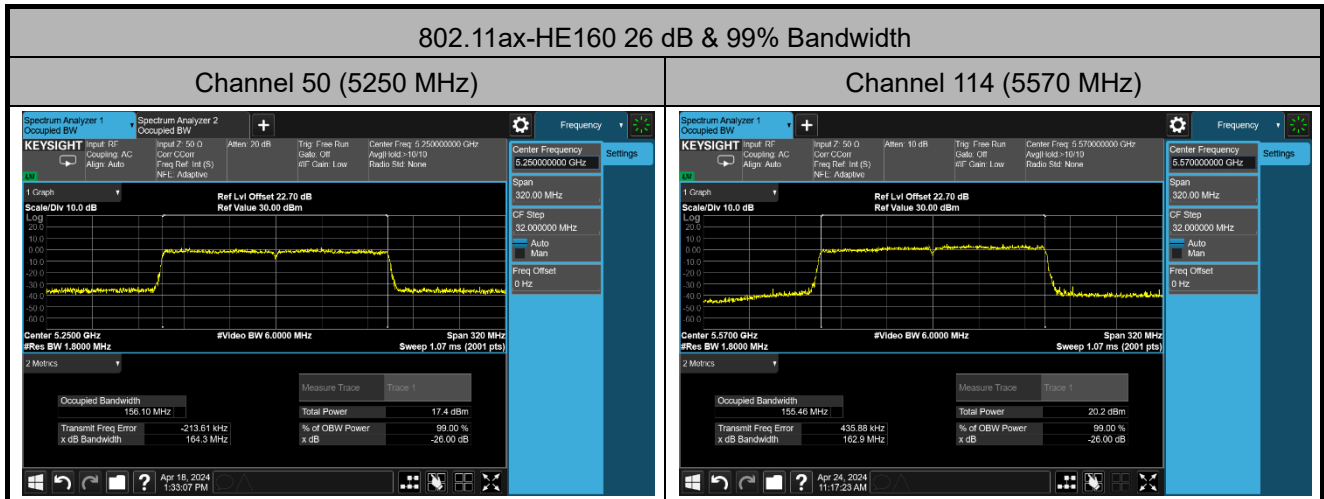


Channel 138 (5690 MHz)



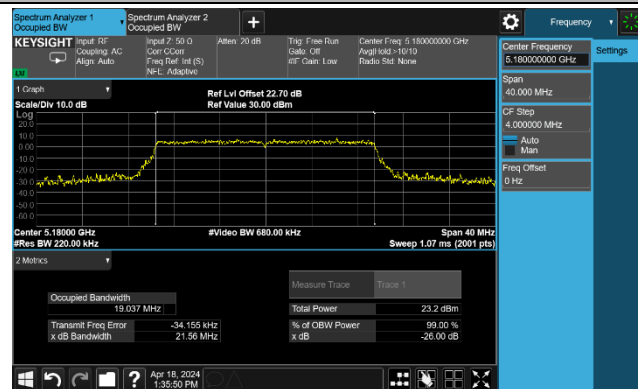
Channel 155 (5775 MHz)



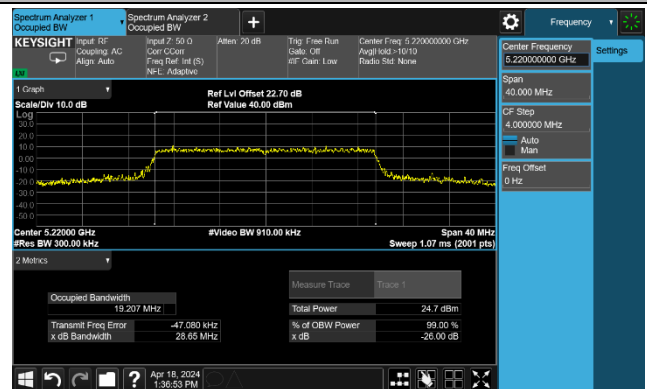


802.11be-EHT20 26 dB & 99% Bandwidth

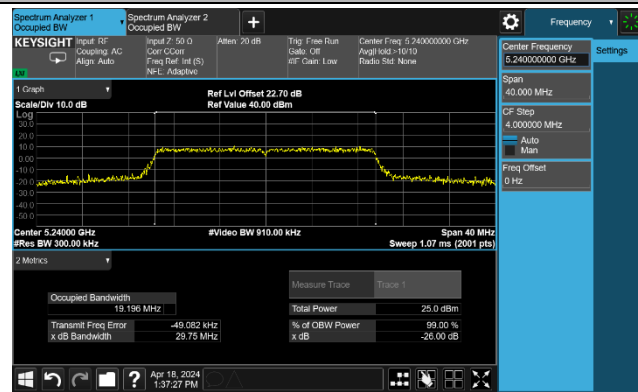
Channel 36 (5180 MHz)



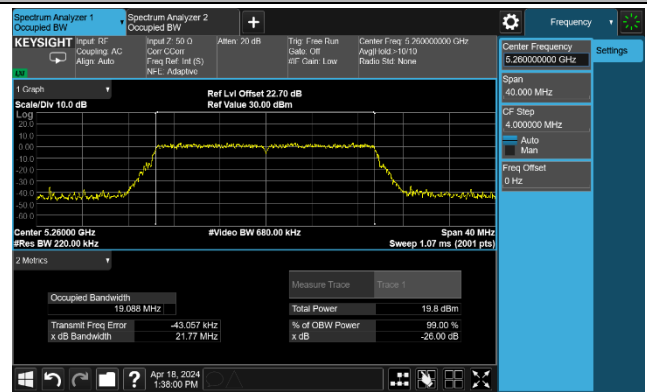
Channel 44 (5220 MHz)



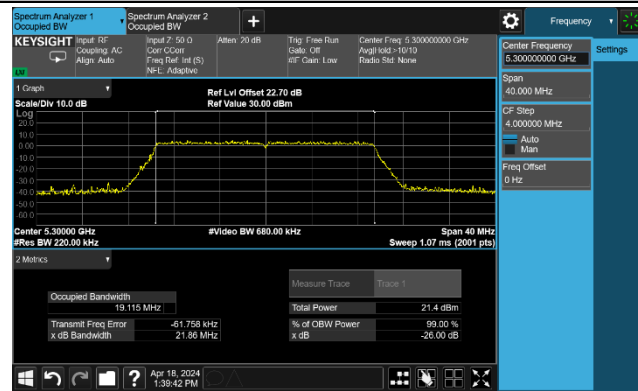
Channel 48 (5240 MHz)



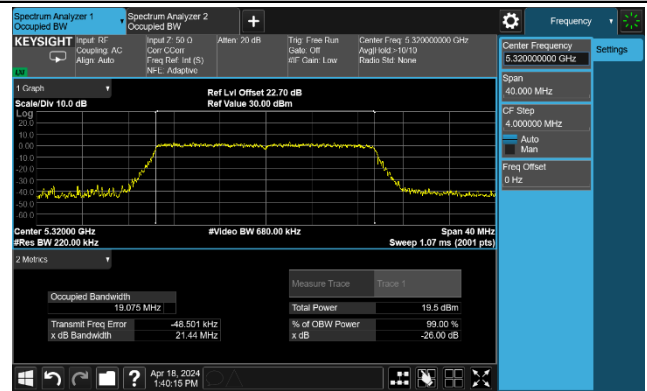
Channel 52 (5260 MHz)



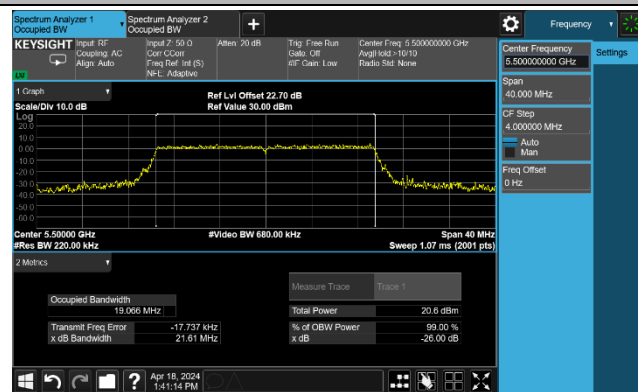
Channel 60 (5300 MHz)



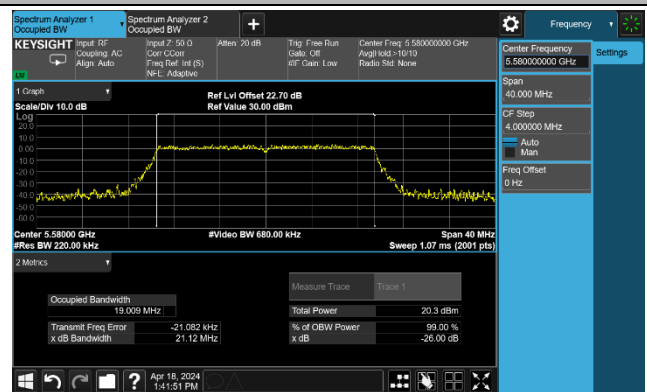
Channel 64 (5320 MHz)



Channel 100 (5500 MHz)

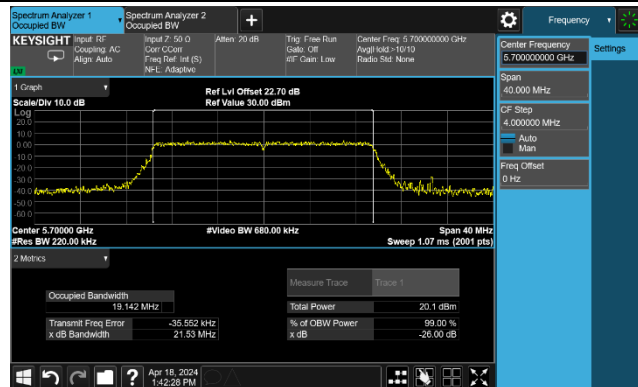


Channel 116 (5580 MHz)

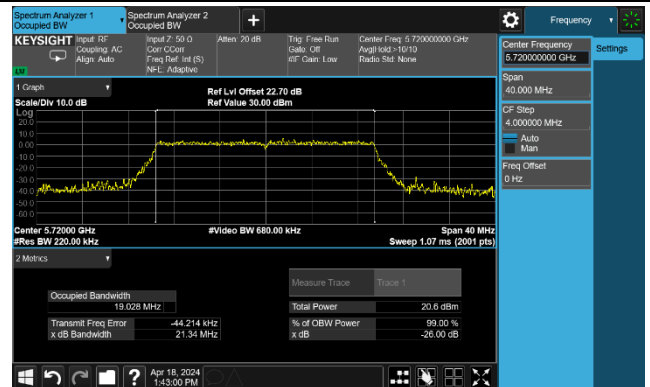


802.11be-EHT20 26 dB & 99% Bandwidth

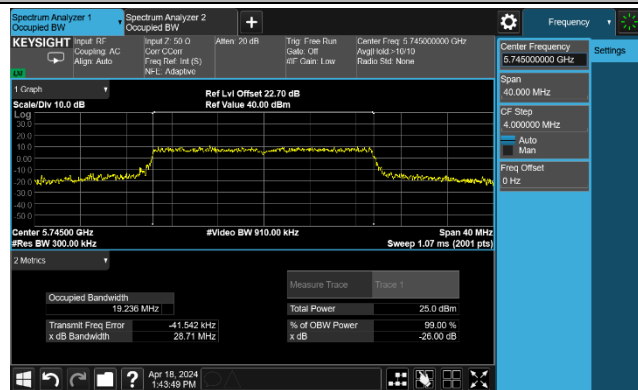
Channel 140 (5700 MHz)



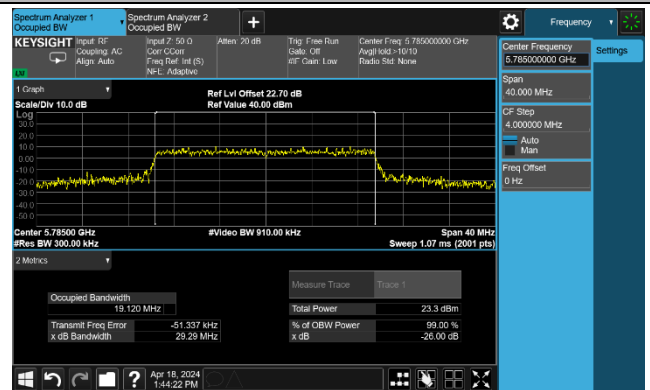
Channel 144 (5720 MHz)



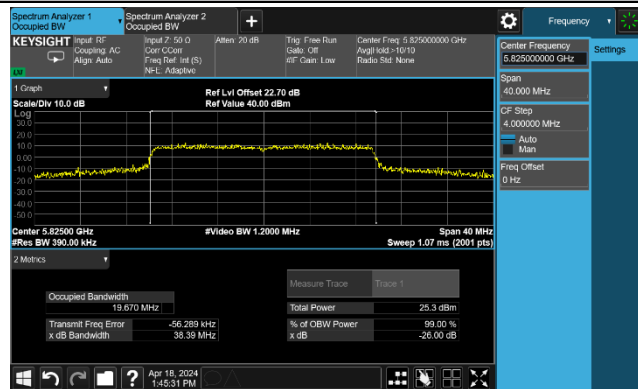
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

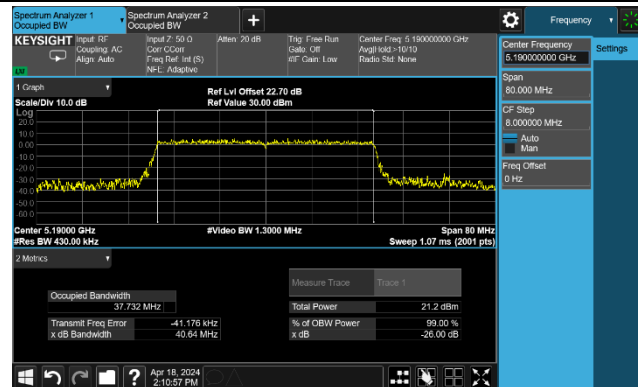


Channel 165 (5825 MHz)

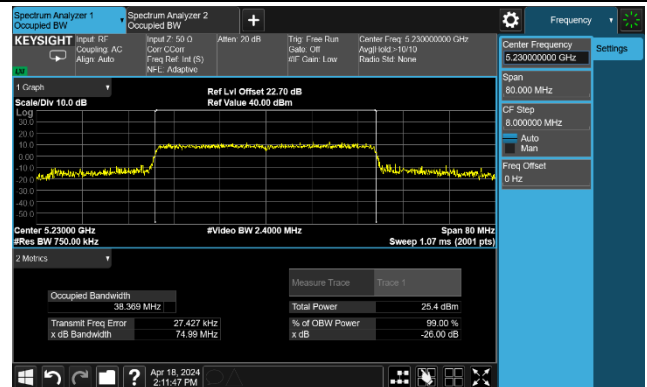


802.11be-EHT40 26 dB & 99% Bandwidth

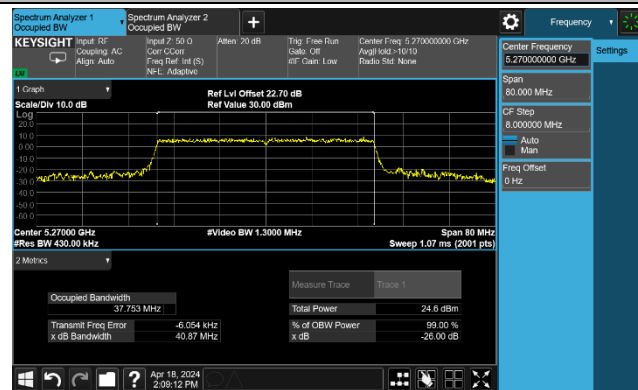
Channel 38 (5190 MHz)



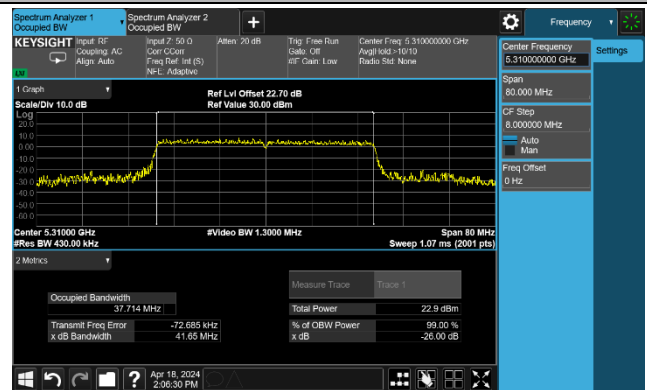
Channel 46 (5230 MHz)



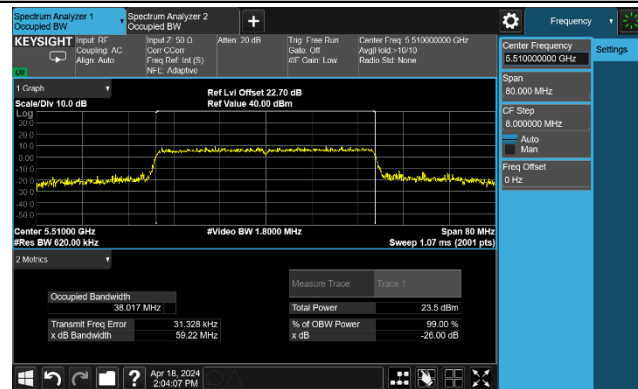
Channel 54 (5270 MHz)



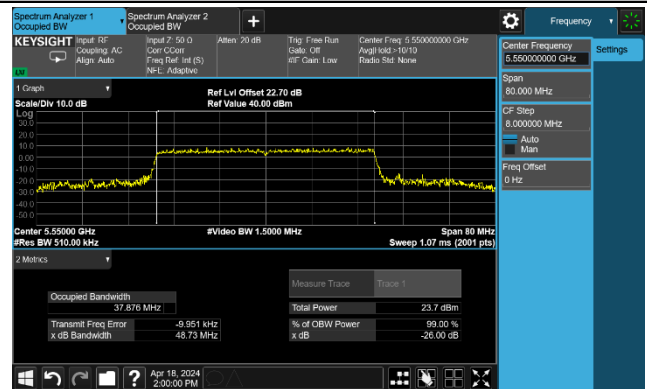
Channel 62 (5310 MHz)



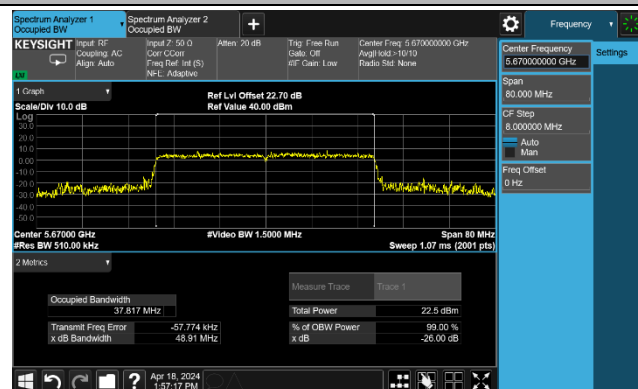
Channel 102 (5510 MHz)



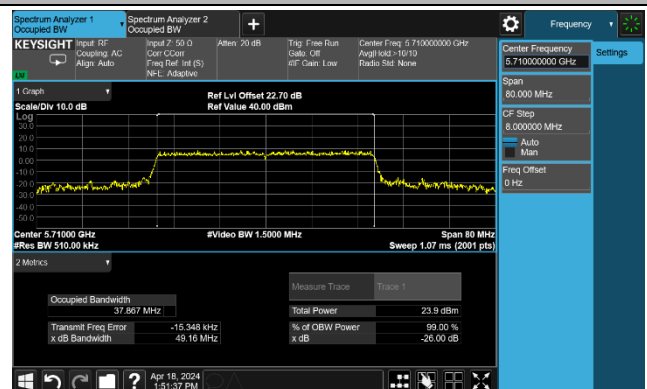
Channel 110 (5550 MHz)

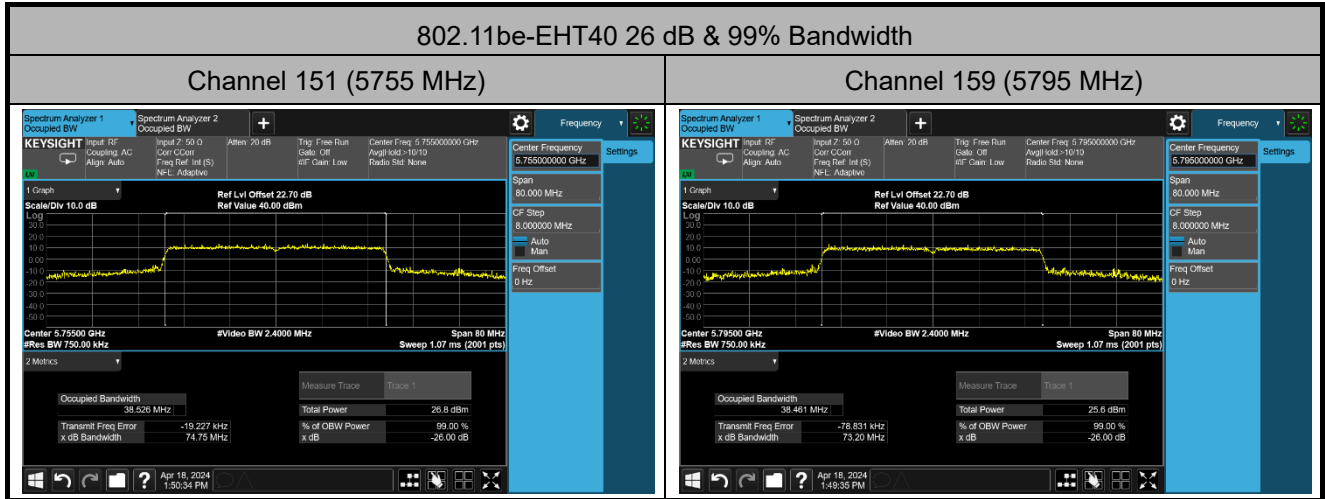


Channel 134 (5670 MHz)



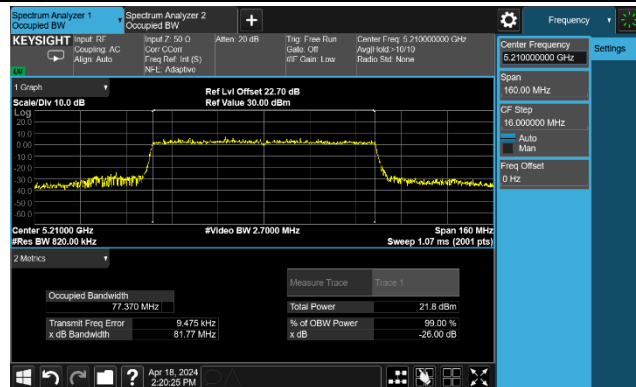
Channel 142 (5710 MHz)



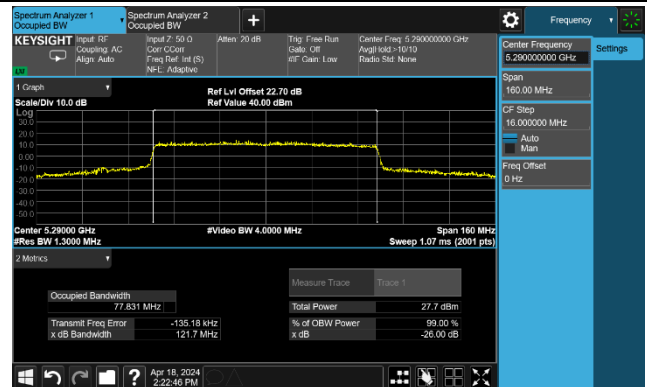


802.11be-EHT80 26 dB & 99% Bandwidth

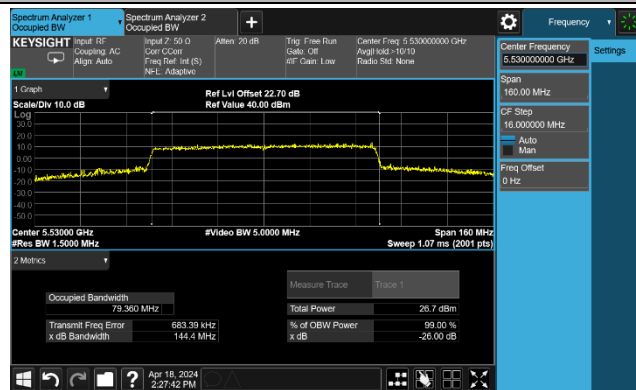
Channel 42 (5210 MHz)



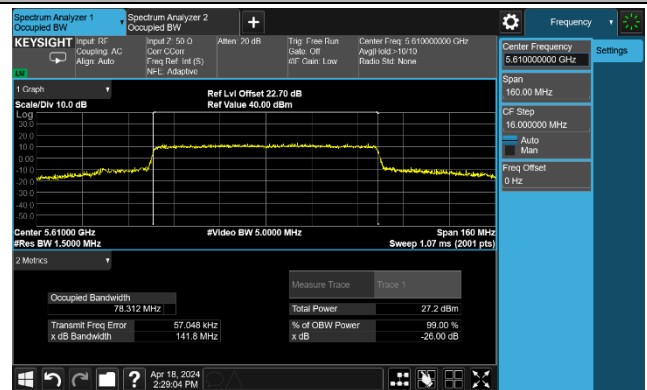
Channel 58 (5290 MHz)



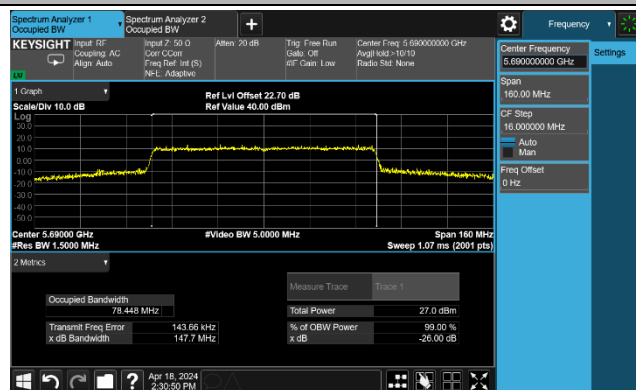
Channel 106 (5530 MHz)



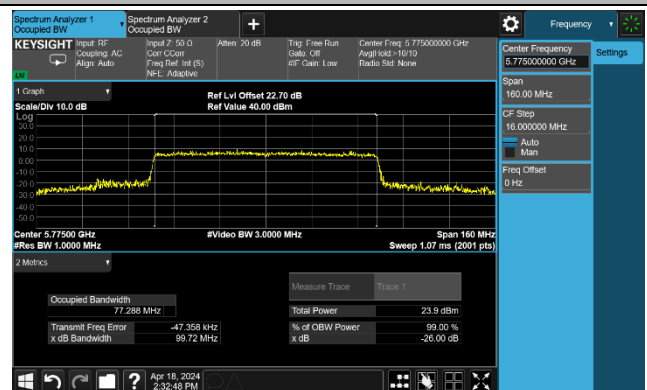
Channel 122 (5610 MHz)



Channel 138 (5690 MHz)



Channel 155 (5775 MHz)

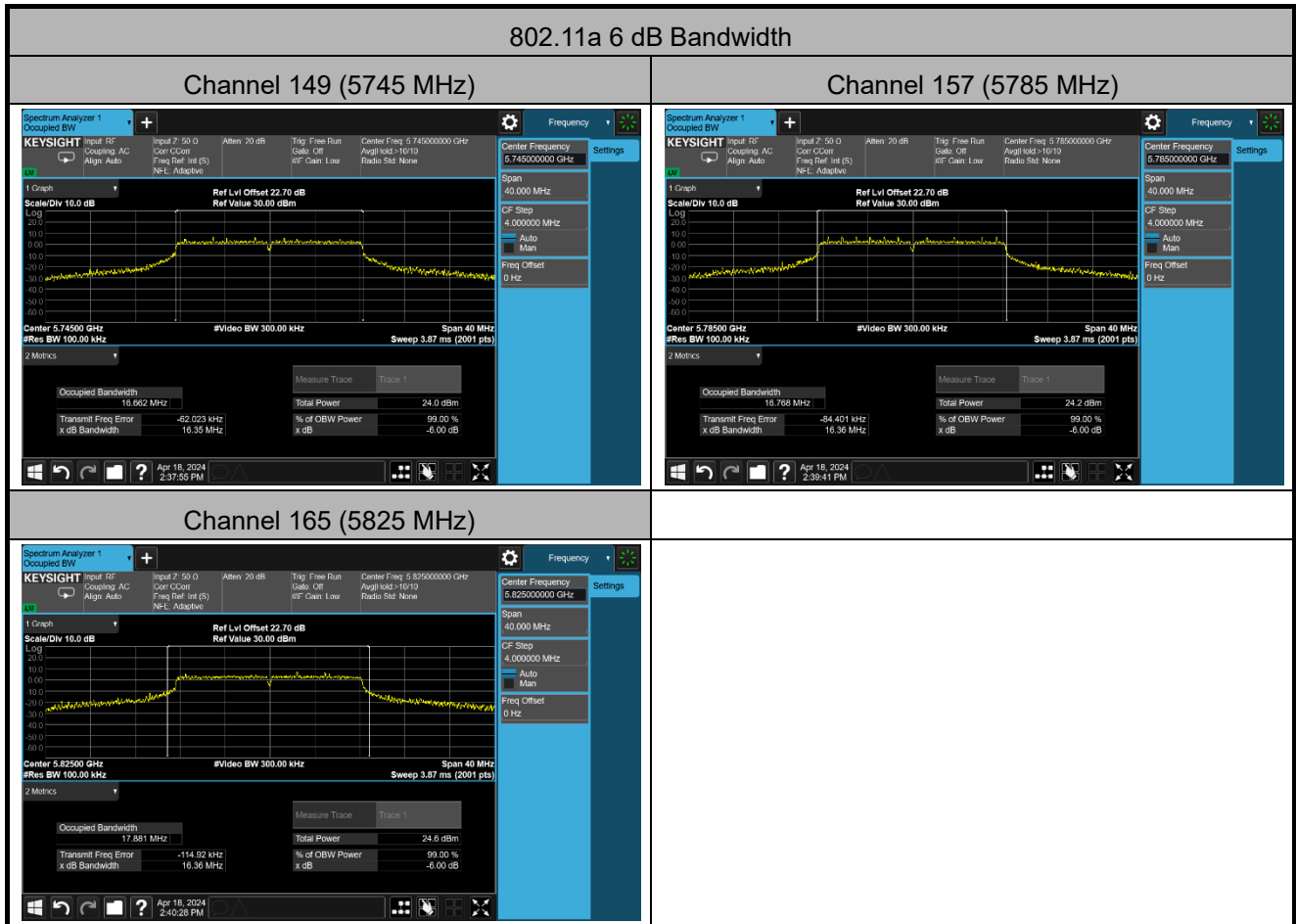




A.3 6 dB Bandwidth Test Result

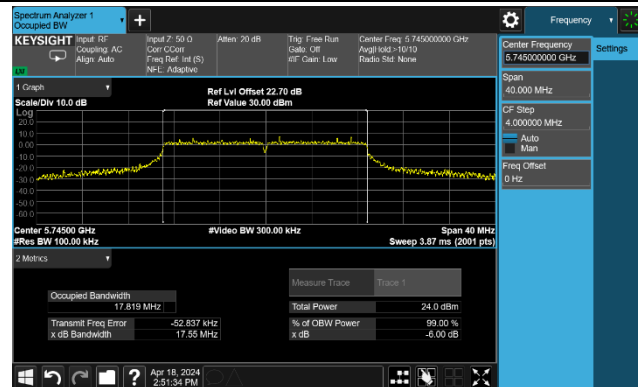
Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-04-18		

Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)
11a	6 Mbps	149	5745	16.35	≥ 0.5
11a	6 Mbps	157	5785	16.36	≥ 0.5
11a	6 Mbps	165	5825	16.36	≥ 0.5
11ac-VHT20	MCS0	149	5745	17.55	≥ 0.5
11ac-VHT20	MCS0	157	5785	17.59	≥ 0.5
11ac-VHT20	MCS0	165	5825	17.60	≥ 0.5
11ac-VHT40	MCS0	151	5755	36.34	≥ 0.5
11ac-VHT40	MCS0	159	5795	36.39	≥ 0.5
11ac-VHT80	MCS0	155	5775	75.42	≥ 0.5
11ax-HE20	MCS0	149	5745	19.00	≥ 0.5
11ax-HE20	MCS0	157	5785	18.80	≥ 0.5
11ax-HE20	MCS0	165	5825	18.94	≥ 0.5
11ax-HE40	MCS0	151	5755	37.73	≥ 0.5
11ax-HE40	MCS0	159	5795	37.72	≥ 0.5
11ax-HE80	MCS0	155	5775	77.04	≥ 0.5
11be-EHT20	MCS0	149	5745	18.96	≥ 0.5
11be-EHT20	MCS0	157	5785	19.00	≥ 0.5
11be-EHT20	MCS0	165	5825	18.80	≥ 0.5
11be-EHT40	MCS0	151	5755	37.90	≥ 0.5
11be-EHT40	MCS0	159	5795	37.68	≥ 0.5
11be-EHT80	MCS0	155	5775	77.44	≥ 0.5

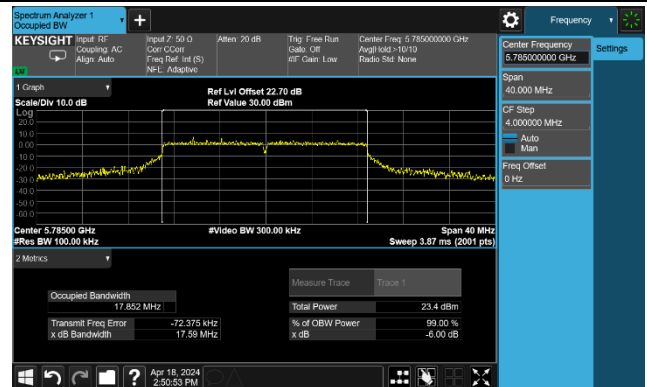


802.11ac-VHT20 6 dB Bandwidth

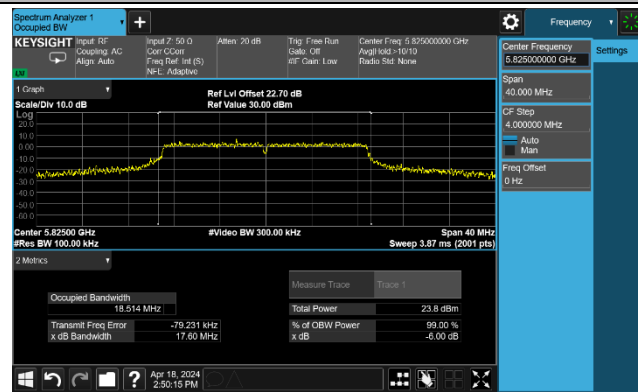
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

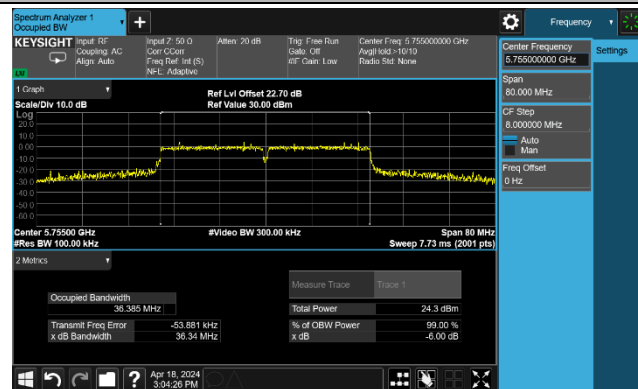


Channel 165 (5825 MHz)

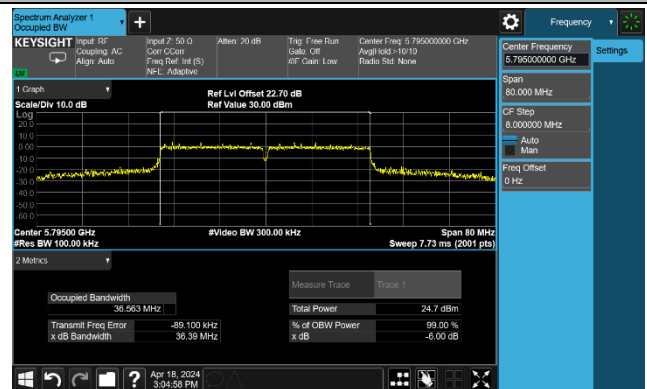


802.11ac-VHT40 6 dB Bandwidth

Channel 151 (5755 MHz)

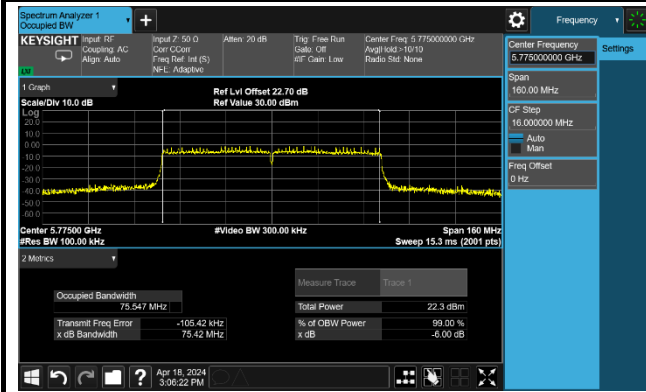


Channel 159 (5795 MHz)



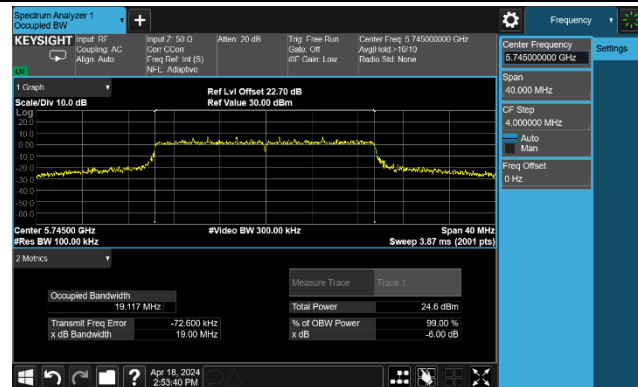
802.11ac-VHT80 6 dB Bandwidth

Channel 155 (5775 MHz)

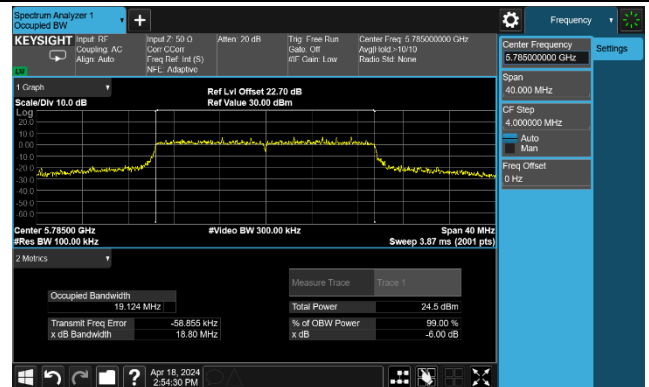


802.11ax-HE20 6 dB Bandwidth

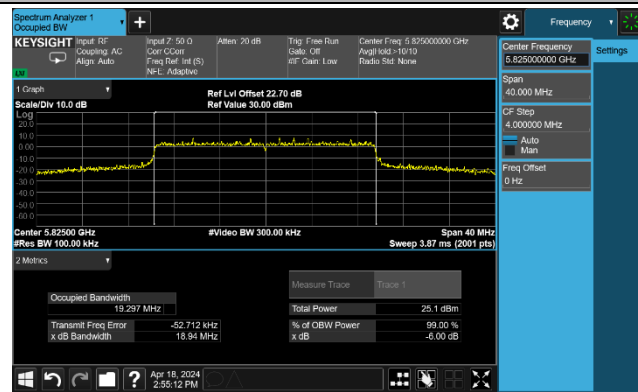
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

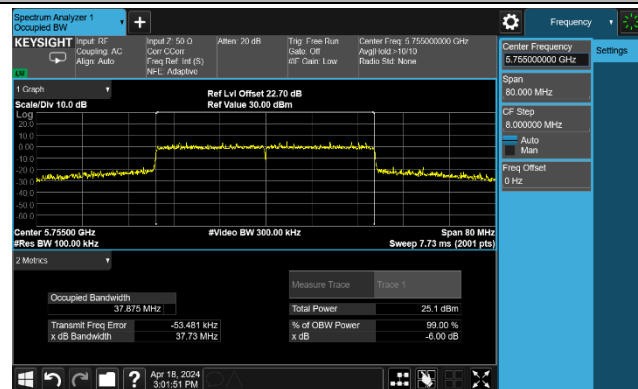


Channel 165 (5825 MHz)

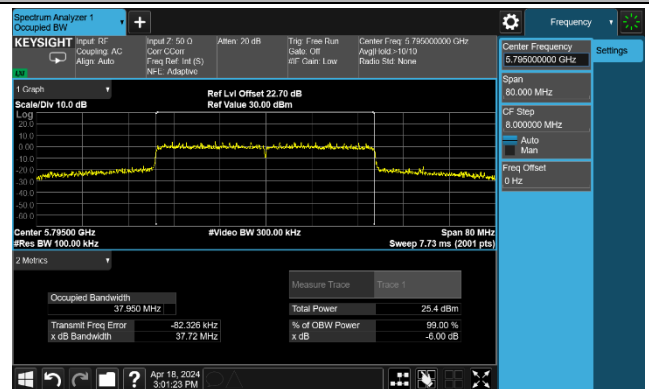


802.11ax-HE40 6 dB Bandwidth

Channel 151 (5755 MHz)

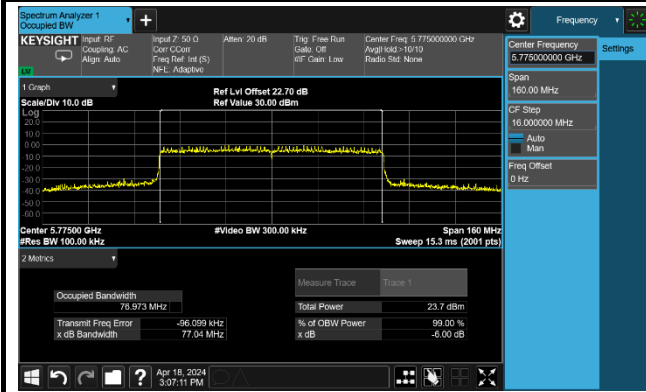


Channel 159 (5795 MHz)



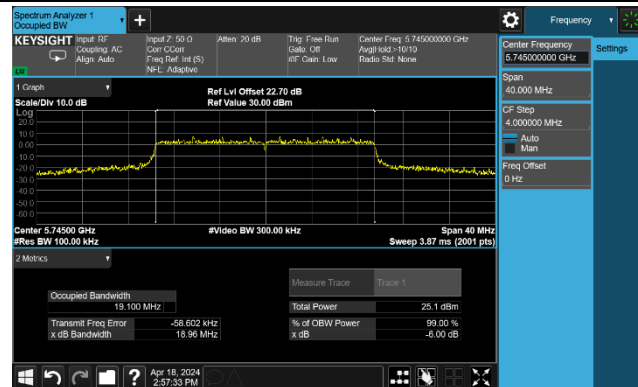
802.11ax-HE80 6 dB Bandwidth

Channel 155 (5775 MHz)

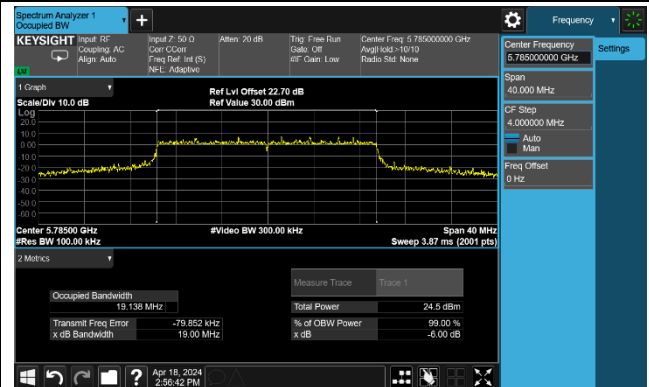


802.11be-EHT20 6 dB Bandwidth

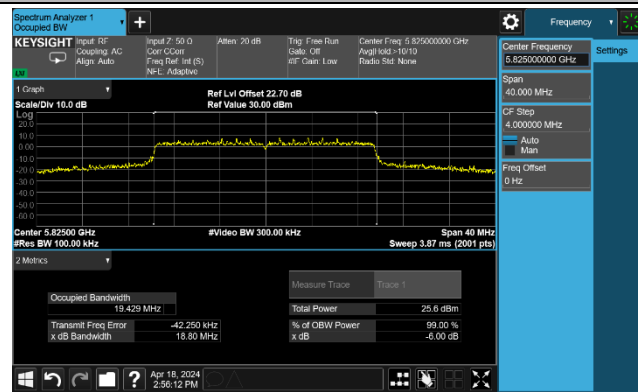
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

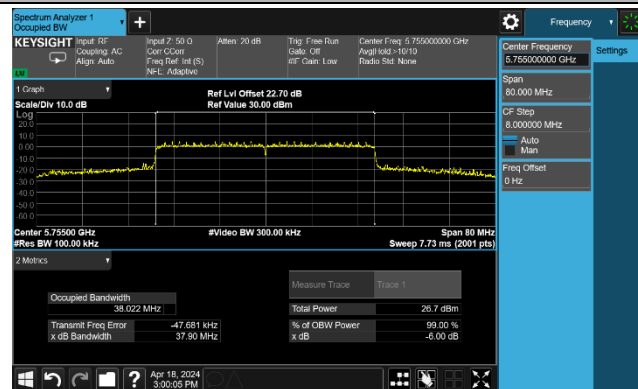


Channel 165 (5825 MHz)

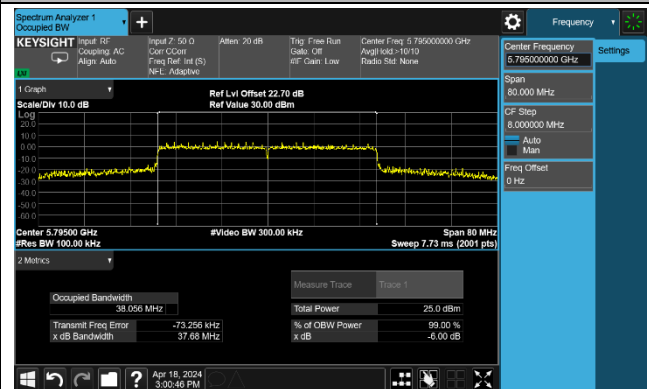


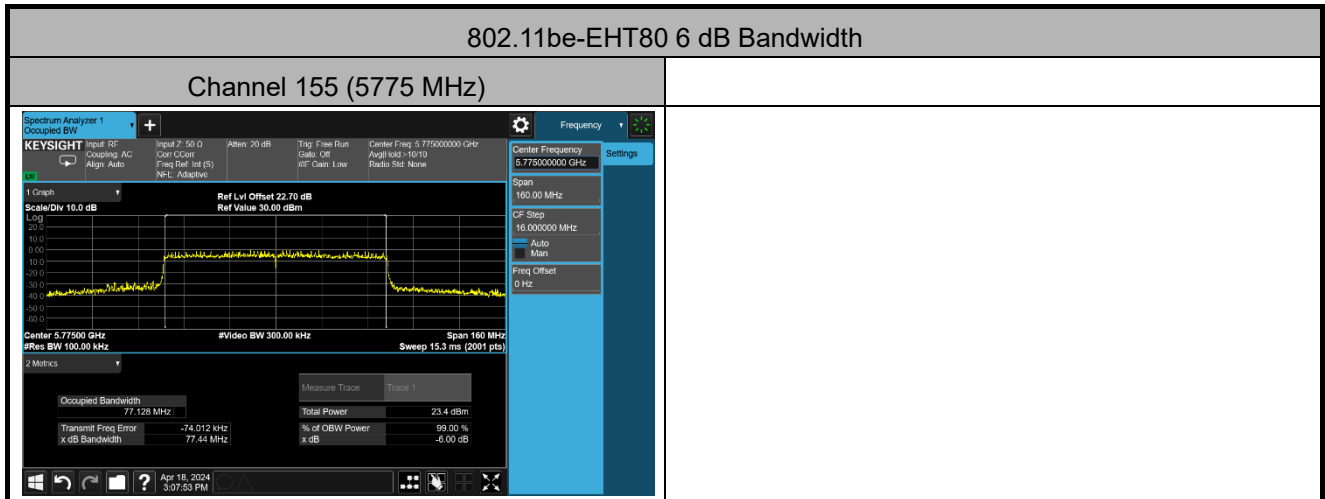
802.11be-EHT40 6 dB Bandwidth

Channel 151 (5755 MHz)



Channel 159 (5795 MHz)





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 9	Ant 10	Ant 11	Ant 12		
11a	6 Mbps	36	5180	18.05	17.81	17.75	17.34	23.77	≤ 30.00
11a	6 Mbps	44	5220	18.36	18.16	18.37	18.03	24.25	≤ 30.00
11a	6 Mbps	48	5240	18.43	18.02	18.35	17.76	24.17	≤ 30.00
11a	6 Mbps	52	5260	12.87	12.63	13.37	13.33	19.08	≤ 23.98
11a	6 Mbps	60	5300	12.53	12.75	13.16	13.21	18.94	≤ 23.98
11a	6 Mbps	64	5320	12.49	12.96	13.59	13.28	19.12	≤ 23.98
11a	6 Mbps	100	5500	12.92	12.56	13.10	12.74	18.86	≤ 23.98
11a	6 Mbps	116	5580	13.26	13.19	13.55	13.39	19.37	≤ 23.98
11a	6 Mbps	140	5700	13.03	12.96	12.83	12.54	18.86	≤ 23.98
11a	6 Mbps	144	5720	12.97	12.95	12.55	12.77	18.83	≤ 22.93 ^{Note 2&3}
11a	6 Mbps	149	5745	17.93	18.44	17.94	17.65	24.02	≤ 30.00
11a	6 Mbps	157	5785	17.89	18.41	18.13	17.88	24.10	≤ 30.00
11a	6 Mbps	165	5825	18.28	18.36	18.45	18.12	24.32	≤ 30.00
11ac-VHT20	MCS0	36	5180	17.58	16.82	17.13	17.01	23.16	≤ 30.00
11ac-VHT20	MCS0	44	5220	18.08	18.05	18.39	18.13	24.19	≤ 30.00
11ac-VHT20	MCS0	48	5240	18.16	17.89	18.35	17.79	24.07	≤ 30.00
11ac-VHT20	MCS0	52	5260	13.38	12.92	13.83	13.74	19.50	≤ 23.98
11ac-VHT20	MCS0	60	5300	12.68	12.93	13.34	13.51	19.15	≤ 23.98
11ac-VHT20	MCS0	64	5320	12.58	13.31	13.78	13.94	19.45	≤ 23.98
11ac-VHT20	MCS0	100	5500	12.92	13.07	13.42	13.17	19.17	≤ 23.98
11ac-VHT20	MCS0	116	5580	13.48	13.35	13.72	13.57	19.55	≤ 23.98
11ac-VHT20	MCS0	140	5700	12.68	12.66	12.27	12.35	18.51	≤ 23.98
11ac-VHT20	MCS0	144	5720	13.26	13.21	12.83	13.13	19.13	≤ 22.97 ^{Note 2&3}
11ac-VHT20	MCS0	149	5745	17.89	18.35	17.96	17.71	24.00	≤ 30.00
11ac-VHT20	MCS0	157	5785	17.74	18.37	17.94	17.64	23.95	≤ 30.00
11ac-VHT20	MCS0	165	5825	18.22	18.21	18.39	18.27	24.29	≤ 30.00

Test Mode	Data Rate /MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 9	Ant 10	Ant 11	Ant 12		
11ac-VHT40	MCS0	38	5190	14.51	14.27	14.24	14.42	20.38	≤ 30.00
11ac-VHT40	MCS0	46	5230	18.46	18.22	18.27	18.05	24.27	≤ 30.00
11ac-VHT40	MCS0	54	5270	15.79	15.87	16.21	15.63	21.90	≤ 23.98
11ac-VHT40	MCS0	62	5310	12.57	12.99	13.45	12.67	18.95	≤ 23.98
11ac-VHT40	MCS0	102	5510	11.53	12.56	12.06	11.84	18.03	≤ 23.98
11ac-VHT40	MCS0	110	5550	15.62	16.36	15.97	15.56	21.91	≤ 23.98
11ac-VHT40	MCS0	134	5670	15.76	16.43	16.24	16.07	22.15	≤ 23.98
11ac-VHT40	MCS0	142	5710	15.96	16.53	16.21	16.02	22.21	≤ 23.98 ^{Note 2&3}
11ac-VHT40	MCS0	151	5755	18.24	18.13	18.35	18.31	24.28	≤ 30.00
11ac-VHT40	MCS0	159	5795	18.12	17.95	18.44	18.42	24.26	≤ 30.00
11ac-VHT80	MCS0	42	5210	13.19	12.77	13.34	12.93	19.08	≤ 30.00
11ac-VHT80	MCS0	58	5290	10.94	11.13	11.34	11.23	17.18	≤ 23.98
11ac-VHT80	MCS0	106	5530	11.85	11.85	11.26	11.45	17.63	≤ 23.98
11ac-VHT80	MCS0	122	5610	16.62	17.32	16.42	17.05	22.89	≤ 23.98
11ac-VHT80	MCS0	138	5690	17.90	17.79	17.30	18.15	23.82	≤ 23.98 ^{Note 2&3}
11ac-VHT80	MCS0	155	5775	16.17	16.49	16.21	16.22	22.29	≤ 30.00
11ac-VHT160	MCS0	50	5250	8.33	8.62	8.93	8.78	14.69	≤ 23.98 ^{Note 4}
11ac-VHT160	MCS0	114	5570	9.69	9.23	9.23	9.67	15.48	≤ 23.98
11ax-HE20	MCS0	36	5180	16.56	16.26	16.33	16.32	22.39	≤ 30.00
11ax-HE20	MCS0	44	5220	17.98	18.01	18.46	18.05	24.15	≤ 30.00
11ax-HE20	MCS0	48	5240	18.22	17.83	18.35	18.03	24.13	≤ 30.00
11ax-HE20	MCS0	52	5260	13.40	13.05	13.13	13.92	19.41	≤ 23.98
11ax-HE20	MCS0	60	5300	13.04	13.53	14.08	14.26	19.77	≤ 23.98
11ax-HE20	MCS0	64	5320	12.85	13.46	13.69	13.92	19.52	≤ 23.98
11ax-HE20	MCS0	100	5500	12.68	13.07	13.36	13.21	19.11	≤ 23.98
11ax-HE20	MCS0	116	5580	13.24	13.31	13.10	13.45	19.30	≤ 23.98
11ax-HE20	MCS0	140	5700	13.04	13.28	13.06	13.11	19.14	≤ 23.98
11ax-HE20	MCS0	144	5720	13.28	13.33	13.17	12.99	19.22	≤ 22.97 ^{Note 2&3}
11ax-HE20	MCS0	149	5745	17.68	18.45	18.13	17.96	24.08	≤ 30.00
11ax-HE20	MCS0	157	5785	17.85	18.35	18.06	17.91	24.07	≤ 30.00
11ax-HE20	MCS0	165	5825	18.34	18.21	18.46	18.17	24.32	≤ 30.00

Test Mode	Data Rate /MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 9	Ant 10	Ant 11	Ant 12		
11ax-HE40	MCS0	38	5190	14.04	14.22	14.15	14.17	20.17	≤ 30.00
11ax-HE40	MCS0	46	5230	18.31	18.15	18.38	18.09	24.25	≤ 30.00
11ax-HE40	MCS0	54	5270	16.11	16.23	16.66	16.08	22.30	≤ 23.98
11ax-HE40	MCS0	62	5310	13.30	13.03	13.47	13.52	19.35	≤ 23.98
11ax-HE40	MCS0	102	5510	11.58	12.09	11.94	12.01	17.93	≤ 23.98
11ax-HE40	MCS0	110	5550	16.25	16.97	16.38	16.09	22.46	≤ 23.98
11ax-HE40	MCS0	134	5670	15.54	15.98	15.61	15.40	21.66	≤ 23.98
11ax-HE40	MCS0	142	5710	16.46	16.87	16.68	16.45	22.64	≤ 23.98 ^{Note 2&3}
11ax-HE40	MCS0	151	5755	17.96	18.05	18.25	18.16	24.13	≤ 30.00
11ax-HE40	MCS0	159	5795	17.89	18.03	18.42	18.28	24.18	≤ 30.00
11ax-HE80	MCS0	42	5210	13.29	12.68	13.59	13.21	19.23	≤ 30.00
11ax-HE80	MCS0	58	5290	10.73	11.02	11.17	11.30	17.08	≤ 23.98
11ax-HE80	MCS0	106	5530	12.41	12.44	12.43	12.40	18.44	≤ 23.98
11ax-HE80	MCS0	122	5610	17.42	17.71	17.41	17.18	23.45	≤ 23.98
11ax-HE80	MCS0	138	5690	18.02	17.73	17.52	18.09	23.87	≤ 23.98 ^{Note 2&3}
11ax-HE80	MCS0	155	5775	15.14	16.27	15.75	15.86	21.79	≤ 30.00
11ax-HE160	MCS0	50	5250	8.74	8.42	9.31	8.84	14.86	≤ 23.98 ^{Note 4}
11ax-HE160	MCS0	114	5570	11.72	11.63	11.58	11.95	17.74	≤ 23.98
11be-EHT20	MCS0	36	5180	16.23	15.82	16.11	16.10	22.09	≤ 30.00
11be-EHT20	MCS0	44	5220	18.01	17.89	18.47	17.98	24.11	≤ 30.00
11be-EHT20	MCS0	48	5240	18.36	17.87	18.13	17.52	24.00	≤ 30.00
11be-EHT20	MCS0	52	5260	13.63	13.42	13.83	13.51	19.62	≤ 23.98
11be-EHT20	MCS0	60	5300	13.11	13.09	13.55	13.48	19.33	≤ 23.98
11be-EHT20	MCS0	64	5320	12.85	13.42	13.66	13.99	19.52	≤ 23.98
11be-EHT20	MCS0	100	5500	13.65	13.63	13.76	13.05	19.55	≤ 23.98
11be-EHT20	MCS0	116	5580	13.49	13.74	13.86	13.13	19.58	≤ 23.98
11be-EHT20	MCS0	140	5700	12.92	13.18	12.27	12.91	18.85	≤ 23.98
11be-EHT20	MCS0	144	5720	13.22	13.71	13.38	13.64	19.51	≤ 22.95 ^{Note 2&3}
11be-EHT20	MCS0	149	5745	18.22	18.41	18.26	17.81	24.20	≤ 30.00
11be-EHT20	MCS0	157	5785	17.69	18.33	18.18	17.89	24.05	≤ 30.00
11be-EHT20	MCS0	165	5825	18.02	18.33	18.43	18.19	24.27	≤ 30.00

Test Mode	Data Rate /MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 9	Ant 10	Ant 11	Ant 12		
11be-EHT40	MCS0	38	5190	14.08	14.02	14.23	13.88	20.07	≤ 30.00
11be-EHT40	MCS0	46	5230	18.38	18.28	18.41	18.23	24.35	≤ 30.00
11be-EHT40	MCS0	54	5270	16.10	16.08	15.67	16.01	21.99	≤ 23.98
11be-EHT40	MCS0	62	5310	12.22	12.12	12.57	12.62	18.41	≤ 23.98
11be-EHT40	MCS0	102	5510	10.12	10.67	10.38	10.18	16.36	≤ 23.98
11be-EHT40	MCS0	110	5550	16.24	16.83	16.46	16.11	22.44	≤ 23.98
11be-EHT40	MCS0	134	5670	15.15	15.68	15.59	16.01	21.64	≤ 23.98
11be-EHT40	MCS0	142	5710	15.83	16.53	16.23	16.49	22.30	≤ 23.98 ^{Note 2&3}
11be-EHT40	MCS0	151	5755	18.39	17.96	18.45	18.26	24.29	≤ 30.00
11be-EHT40	MCS0	159	5795	18.05	18.13	18.38	18.12	24.19	≤ 30.00
11be-EHT80	MCS0	42	5210	13.12	12.83	13.36	13.08	19.12	≤ 30.00
11be-EHT80	MCS0	58	5290	11.14	10.98	11.12	11.07	17.10	≤ 23.98
11be-EHT80	MCS0	106	5530	11.16	10.99	11.05	10.53	16.96	≤ 23.98
11be-EHT80	MCS0	122	5610	17.62	17.70	17.36	16.79	23.40	≤ 23.98
11be-EHT80	MCS0	138	5690	17.79	17.61	17.19	18.05	23.69	≤ 23.98 ^{Note 2&3}
11be-EHT80	MCS0	155	5775	16.07	16.22	15.95	16.13	22.11	≤ 30.00
11be-EHT160	MCS0	50	5250	10.26	9.95	10.43	9.74	16.12	≤ 23.98 ^{Note 4}
11be-EHT160	MCS0	114	5570	11.93	11.60	11.68	12.11	17.86	≤ 23.98

Note 1: Total Average Power (dBm) = $10 \times \log \{10^{(\text{Ant 9 Average Power} / 10)} + 10^{(\text{Ant 10 Average Power} / 10)} + 10^{(\text{Ant 11 Average Power} / 10)} + 10^{(\text{Ant 12 Average Power} / 10)}\}$ (dBm).

Note 2: Average Power Limit = 23.98 dBm or $11 + 10 \times \log_{10} \text{EBW}_{2C}$ 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	2024-04-12 ~ 2024-04-23		
Test Item	Power Spectral Density (UNII-Band 1 & UNII-2a & UNII-2c)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVGPSD (dBm/MHz)				Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 9	Ant 10	Ant 11	Ant 12			
11a	6 Mbps	36	5180	5.696	5.086	5.701	5.668	94.76	11.800	≤ 13.40
11a	6 Mbps	44	5220	6.012	5.504	6.216	5.998	94.76	12.195	≤ 13.40
11a	6 Mbps	48	5240	5.955	5.277	6.151	5.942	94.76	12.098	≤ 13.40
11a	6 Mbps	52	5260	1.006	0.591	1.130	1.220	94.76	7.248	≤ 7.40
11a	6 Mbps	60	5300	0.921	0.609	0.906	1.529	94.76	7.259	≤ 7.40
11a	6 Mbps	64	5320	0.776	0.723	1.063	1.292	94.76	7.224	≤ 7.40
11a	6 Mbps	100	5500	0.528	1.052	0.968	1.104	94.76	7.173	≤ 7.40
11a	6 Mbps	116	5580	0.627	0.874	1.267	1.198	94.76	7.253	≤ 7.40
11a	6 Mbps	140	5700	0.923	1.143	0.375	0.898	94.76	7.098	≤ 7.40
11a	6 Mbps	144	5720	1.164	1.054	0.374	0.994	94.76	7.161	≤ 7.40
11ac-VHT20	MCS0	36	5180	4.734	4.367	4.925	4.969	98.07	10.776	≤ 13.40
11ac-VHT20	MCS0	44	5220	5.604	5.243	5.993	5.638	98.07	11.648	≤ 13.40
11ac-VHT20	MCS0	48	5240	5.665	4.966	5.965	5.537	98.07	11.569	≤ 13.40
11ac-VHT20	MCS0	52	5260	1.029	0.718	1.313	1.314	98.07	7.121	≤ 7.40
11ac-VHT20	MCS0	60	5300	1.001	0.610	1.131	1.496	98.07	7.092	≤ 7.40
11ac-VHT20	MCS0	64	5320	0.976	0.773	1.570	1.285	98.07	7.182	≤ 7.40
11ac-VHT20	MCS0	100	5500	0.734	1.118	1.329	1.419	98.07	7.179	≤ 7.40
11ac-VHT20	MCS0	116	5580	0.798	0.898	1.165	1.585	98.07	7.143	≤ 7.40
11ac-VHT20	MCS0	140	5700	0.261	0.340	-0.052	0.029	98.07	6.168	≤ 7.40
11ac-VHT20	MCS0	144	5720	1.326	1.180	0.525	1.116	98.07	7.068	≤ 7.40
11ac-VHT40	MCS0	38	5190	-0.909	-1.514	-1.056	-0.802	96.58	5.110	≤ 13.40
11ac-VHT40	MCS0	46	5230	2.721	2.330	3.008	2.991	96.58	8.943	≤ 13.40
11ac-VHT40	MCS0	54	5270	0.836	0.557	1.158	0.895	96.58	7.038	≤ 7.40
11ac-VHT40	MCS0	62	5310	-2.629	-2.242	-1.591	-2.320	96.58	3.993	≤ 7.40
11ac-VHT40	MCS0	102	5510	-3.615	-2.883	-3.337	-3.621	96.58	2.818	≤ 7.40
11ac-VHT40	MCS0	110	5550	0.726	1.073	0.867	0.974	96.58	7.084	≤ 7.40
11ac-VHT40	MCS0	134	5670	0.793	0.880	0.886	1.090	96.58	7.085	≤ 7.40
11ac-VHT40	MCS0	142	5710	1.028	1.119	0.868	1.304	96.58	7.254	≤ 7.40

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVGPSD (dBm/MHz)				Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 9	Ant 10	Ant 11	Ant 12			
11ac-VHT80	MCS0	42	5210	-4.839	-5.665	-4.884	-4.955	93.14	1.256	≤ 13.40
11ac-VHT80	MCS0	58	5290	-7.006	-6.672	-6.549	-6.641	93.14	-0.384	≤ 7.40
11ac-VHT80	MCS0	106	5530	0.348	0.077	0.343	0.587	93.14	6.672	≤ 7.40
11ac-VHT80	MCS0	122	5610	-0.157	-0.257	-0.221	0.352	93.14	6.266	≤ 7.40
11ac-VHT80	MCS0	138	5690	0.255	-0.453	-0.353	0.242	93.14	6.264	≤ 7.40
11ac-VHT160	MCS0	50	5250	-12.417	-12.080	-12.150	-12.213	88.25	-5.650	≤ 7.40
11ac-VHT160	MCS0	114	5570	-10.859	-11.494	-11.669	-10.499	88.25	-4.541	≤ 7.40
11ax-HE20	MCS0	36	5180	3.658	2.911	3.747	3.886	97.64	9.691	≤ 13.40
11ax-HE20	MCS0	44	5220	4.927	4.475	5.324	5.133	97.64	11.100	≤ 13.40
11ax-HE20	MCS0	48	5240	5.153	4.557	5.438	5.053	97.64	11.186	≤ 13.40
11ax-HE20	MCS0	52	5260	0.855	0.517	1.145	1.260	97.64	7.078	≤ 7.40
11ax-HE20	MCS0	60	5300	1.105	0.885	1.537	0.991	97.64	7.261	≤ 7.40
11ax-HE20	MCS0	64	5320	0.915	0.888	1.268	1.202	97.64	7.196	≤ 7.40
11ax-HE20	MCS0	100	5500	0.473	0.994	1.080	1.146	97.64	7.056	≤ 7.40
11ax-HE20	MCS0	116	5580	0.745	0.962	1.163	1.541	97.64	7.237	≤ 7.40
11ax-HE20	MCS0	140	5700	0.945	1.100	0.203	0.960	97.64	6.940	≤ 7.40
11ax-HE20	MCS0	144	5720	1.139	1.430	0.370	1.164	97.64	7.168	≤ 7.40
11ax-HE40	MCS0	38	5190	-1.904	-2.187	-1.536	-1.454	95.71	4.451	≤ 13.40
11ax-HE40	MCS0	46	5230	2.284	1.823	2.609	2.483	95.71	8.521	≤ 13.40
11ax-HE40	MCS0	54	5270	0.673	0.740	1.289	0.688	95.71	7.066	≤ 7.40
11ax-HE40	MCS0	62	5310	-2.202	-2.807	-1.964	-2.183	95.71	3.933	≤ 7.40
11ax-HE40	MCS0	102	5510	-3.885	-4.127	-4.471	-3.603	95.71	2.201	≤ 7.40
11ax-HE40	MCS0	110	5550	0.881	0.980	0.904	0.874	95.71	7.121	≤ 7.40
11ax-HE40	MCS0	134	5670	-0.707	-1.176	-1.665	-0.289	95.71	5.282	≤ 7.40
11ax-HE40	MCS0	142	5710	0.836	0.982	0.817	0.899	95.71	7.095	≤ 7.40
11ax-HE80	MCS0	42	5210	-5.009	-5.613	-4.959	-4.988	92.17	1.241	≤ 13.40
11ax-HE80	MCS0	58	5290	-7.210	-8.101	-7.174	-7.362	92.17	-1.071	≤ 7.40
11ax-HE80	MCS0	106	5530	-5.960	-6.394	-6.337	-6.149	92.17	0.168	≤ 7.40
11ax-HE80	MCS0	122	5610	-1.357	-1.796	-2.133	-0.830	92.17	4.873	≤ 7.40
11ax-HE80	MCS0	138	5690	0.346	-0.499	-0.341	0.345	92.17	6.355	≤ 7.40
11ax-HE160	MCS0	50	5250	-12.050	-12.169	-11.391	-11.838	87.63	-5.258	≤ 7.40
11ax-HE160	MCS0	114	5570	-9.099	-9.984	-9.994	-8.958	87.63	-2.888	≤ 7.40

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVG PSD (dBm/MHz)				Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 9	Ant 10	Ant 11	Ant 12			
11be-EHT20	MCS0	36	5180	3.458	2.700	3.220	3.446	97.52	9.346	≤ 13.40
11be-EHT20	MCS0	44	5220	4.789	4.445	5.474	5.153	97.52	11.112	≤ 13.40
11be-EHT20	MCS0	48	5240	4.962	4.426	5.405	5.006	97.52	11.093	≤ 13.40
11be-EHT20	MCS0	52	5260	0.993	0.752	1.459	1.394	97.52	7.289	≤ 7.40
11be-EHT20	MCS0	60	5300	0.480	0.596	1.228	1.445	97.52	7.086	≤ 7.40
11be-EHT20	MCS0	64	5320	0.386	0.634	1.426	1.593	97.52	7.169	≤ 7.40
11be-EHT20	MCS0	100	5500	0.583	0.773	1.150	1.227	97.52	7.071	≤ 7.40
11be-EHT20	MCS0	116	5580	0.478	0.710	1.310	1.221	97.52	7.073	≤ 7.40
11be-EHT20	MCS0	140	5700	0.166	-0.389	-0.108	0.345	97.52	6.142	≤ 7.40
11be-EHT20	MCS0	144	5720	1.223	1.064	1.013	1.118	97.52	7.235	≤ 7.40
11be-EHT40	MCS0	38	5190	-1.915	-2.259	-1.642	-1.538	95.66	4.384	≤ 13.40
11be-EHT40	MCS0	46	5230	2.849	1.993	2.837	2.745	95.66	8.833	≤ 13.40
11be-EHT40	MCS0	54	5270	0.860	0.733	1.390	0.912	95.66	7.194	≤ 7.40
11be-EHT40	MCS0	62	5310	-3.194	-3.627	-3.008	-3.166	95.66	2.971	≤ 7.40
11be-EHT40	MCS0	102	5510	-4.927	-5.230	-5.374	-4.683	95.66	1.168	≤ 7.40
11be-EHT40	MCS0	110	5550	0.831	1.472	0.820	0.864	95.66	7.219	≤ 7.40
11be-EHT40	MCS0	134	5670	-0.383	-0.646	-0.033	0.157	95.66	5.998	≤ 7.40
11be-EHT40	MCS0	142	5710	0.689	1.006	0.846	0.781	95.66	7.045	≤ 7.40
11be-EHT80	MCS0	42	5210	-4.852	-5.756	-4.819	-5.247	92.31	1.216	≤ 13.40
11be-EHT80	MCS0	58	5290	-7.005	-8.342	-7.339	-7.407	92.31	-1.128	≤ 7.40
11be-EHT80	MCS0	106	5530	-6.996	-7.436	-7.370	-7.153	92.31	-0.867	≤ 7.40
11be-EHT80	MCS0	122	5610	-1.173	-1.351	-1.346	-0.729	92.31	5.226	≤ 7.40
11be-EHT80	MCS0	138	5690	0.514	-0.283	-0.116	0.638	92.31	6.574	≤ 7.40
11be-EHT160	MCS0	50	5250	-10.244	-10.727	-10.146	-10.263	87.56	-3.742	≤ 7.40
11be-EHT160	MCS0	114	5570	-9.090	-9.823	-10.190	-9.028	87.56	-2.908	≤ 7.40

Note 1: When EUT duty cycle < 98%, the total PSD (dBm/MHz) = $10 \times \log \{10^{(\text{Ant 9 AVG PSD}/10)} + 10^{(\text{Ant 10 AVG PSD}/10)} + 10^{(\text{Ant 11 AVG PSD}/10)} + 10^{(\text{Ant 12 AVG PSD}/10)}\} + 10 \times \log (1/\text{Duty cycle})$.

When EUT duty cycle ≥ 98%, the total PSD (dBm/MHz) = $10 \times \log \{10^{(\text{Ant 9 AVG PSD}/10)} + 10^{(\text{Ant 10 AVG PSD}/10)} + 10^{(\text{Ant 11 AVG PSD}/10)} + 10^{(\text{Ant 12 AVG PSD}/10)}\}$.

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 - (9.6 - 6) = 13.4 (dBm/MHz)

For NII-2A, PSD Limit (dBm/MHz) = 11 - (Directional Gain for PSD - 6) = 11 - (9.6 - 6) = 7.4 (dBm/MHz)

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

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVG PSD (dBm/510 kHz)				Duty Cycle (%)	Total PSD (dBm/ 510 kHz)	PSD Limit (dBm/ 500 kHz)
				Ant 9	Ant 10	Ant 11	Ant 12			
11a	6 Mbps	149	5745	3.134	3.121	2.968	3.248	94.76	9.373	≤ 26.40
11a	6 Mbps	157	5785	2.961	3.395	3.298	3.473	94.76	9.540	≤ 26.40
11a	6 Mbps	165	5825	3.481	3.133	3.835	3.832	94.76	9.834	≤ 26.40
11ac-VHT20	MCS0	149	5745	3.002	3.023	2.935	3.234	98.07	9.071	≤ 26.40
11ac-VHT20	MCS0	157	5785	2.613	3.135	3.128	3.356	98.07	9.087	≤ 26.40
11ac-VHT20	MCS0	165	5825	3.150	3.079	3.551	3.506	98.07	9.347	≤ 26.40
11ac-VHT40	MCS0	151	5755	0.566	-0.166	0.663	0.745	96.58	6.638	≤ 26.40
11ac-VHT40	MCS0	159	5795	0.241	-0.068	0.724	0.893	96.58	6.636	≤ 26.40
11ac-VHT80	MCS0	155	5775	-5.321	-5.581	-5.115	-4.750	93.14	1.148	≤ 26.40
11ax-HE20	MCS0	149	5745	2.450	2.311	2.325	2.713	97.64	8.577	≤ 26.40
11ax-HE20	MCS0	157	5785	1.933	2.525	2.569	2.840	97.64	8.603	≤ 26.40
11ax-HE20	MCS0	165	5825	2.584	2.433	2.802	3.068	97.64	8.853	≤ 26.40
11ax-HE40	MCS0	151	5755	-0.090	-0.650	-0.186	0.240	95.71	6.051	≤ 26.40
11ax-HE40	MCS0	159	5795	-0.195	-0.704	0.205	0.302	95.71	6.131	≤ 26.40
11ax-HE80	MCS0	155	5775	-4.940	-4.753	-4.875	-4.102	92.17	1.720	≤ 26.40
11be-EHT20	MCS0	149	5745	2.485	2.670	2.692	3.198	97.52	8.899	≤ 26.40
11be-EHT20	MCS0	157	5785	2.373	2.617	2.648	3.011	97.52	8.798	≤ 26.40
11be-EHT20	MCS0	165	5825	2.759	2.722	3.031	3.324	97.52	9.095	≤ 26.40
11be-EHT40	MCS0	151	5755	-0.076	-0.224	0.349	0.481	95.66	6.356	≤ 26.40
11be-EHT40	MCS0	159	5795	-0.394	-0.481	0.168	0.469	95.66	6.172	≤ 26.40
11be-EHT80	MCS0	155	5775	-4.913	-4.545	-4.413	-3.939	92.31	1.930	≤ 26.40

Note 1:

When EUT duty cycle < 98%, the total PSD (dBm/510 kHz) = $10 \times \log \{10^{(\text{Ant 9 AVG PSD}/10)} + 10^{(\text{Ant 10 AVG PSD}/10)} + 10^{(\text{Ant 11 AVG PSD}/10)} + 10^{(\text{Ant 12 AVG PSD}/10)}\}$ (dBm/510 kHz) + $10 \times \log (1/\text{Duty cycle})$.

When EUT duty cycle ≥ 98%, the total PSD (dBm/510 kHz) = $10 \times \log \{10^{(\text{Ant 9 AVG PSD}/10)} + 10^{(\text{Ant 10 AVG PSD}/10)} + 10^{(\text{Ant 11 AVG PSD}/10)} + 10^{(\text{Ant 12 AVG PSD}/10)}\}$ (dBm/510 kHz).

Note 2: PSD Limit (dBm/510 kHz) = 30 - (Directional Gain for PSD - 6) = 30 - (9.6 - 6) = 26.4 (dBm/510 kHz)