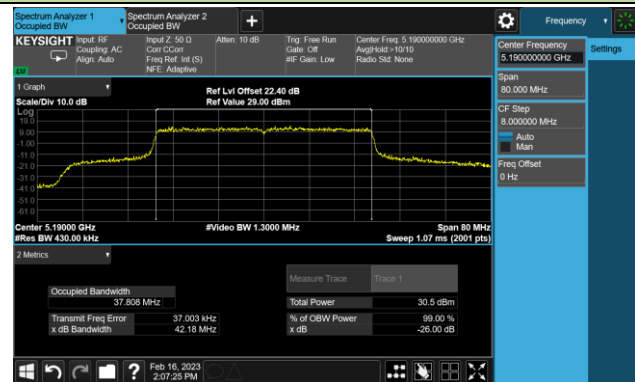
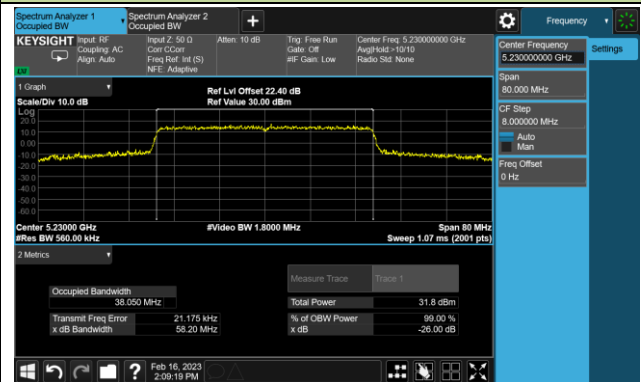


802.11ax-HE40 26dB Bandwidth

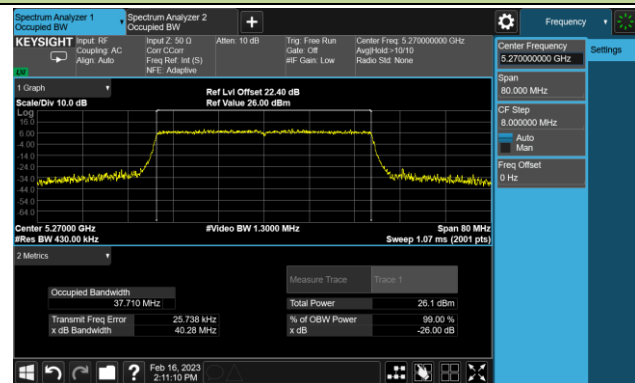
Channel 38 (5190MHz)



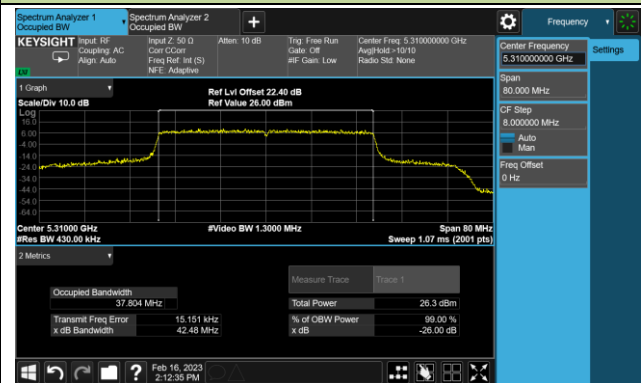
Channel 46 (5230MHz)



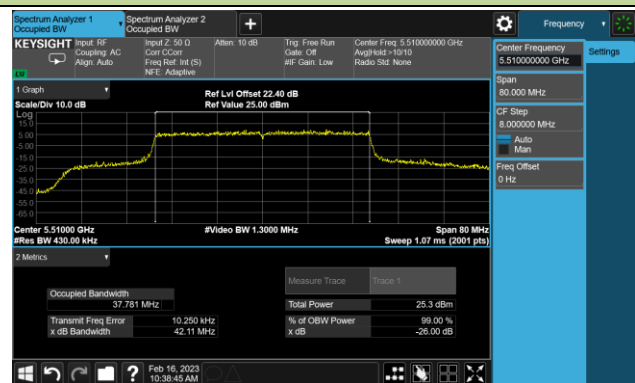
Channel 54 (5270MHz)



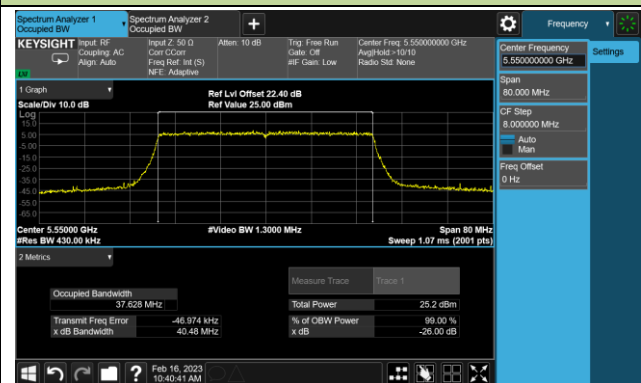
Channel 62 (5310MHz)



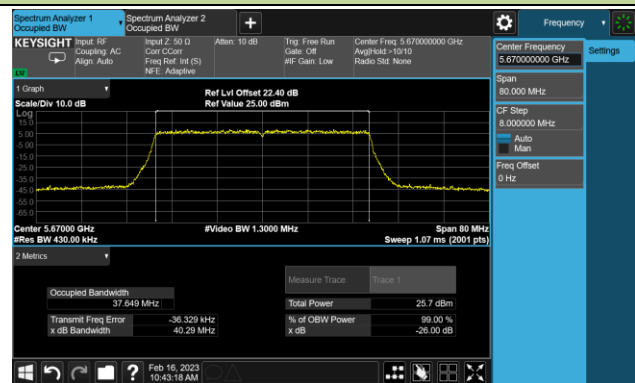
Channel 102 (5510MHz)



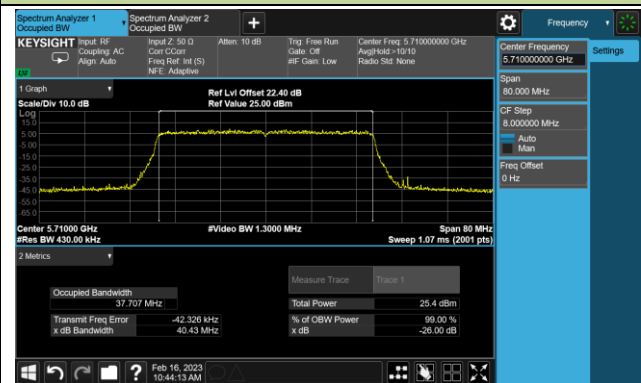
Channel 110 (5550MHz)

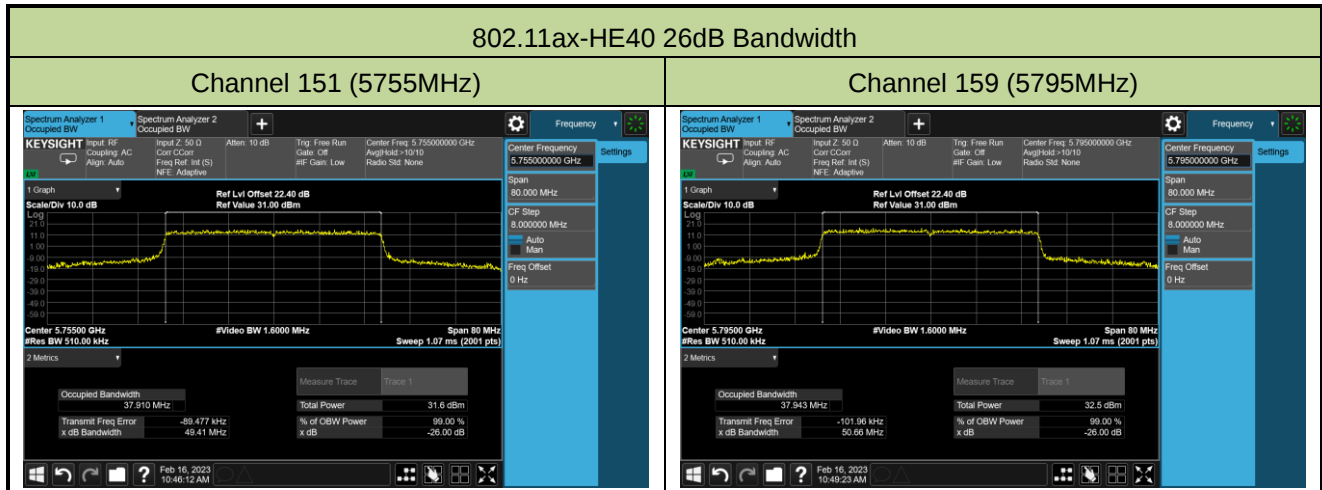


Channel 134 (5670MHz)



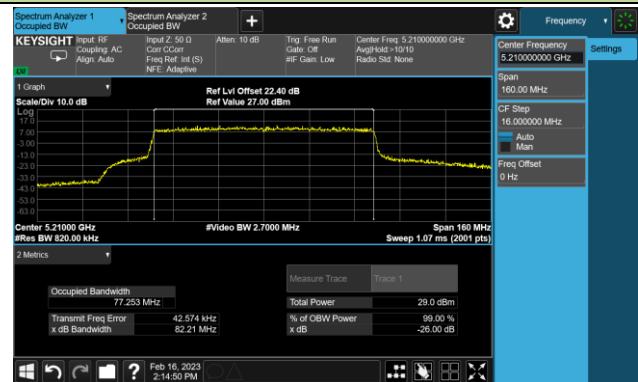
Channel 142(5710MHz)



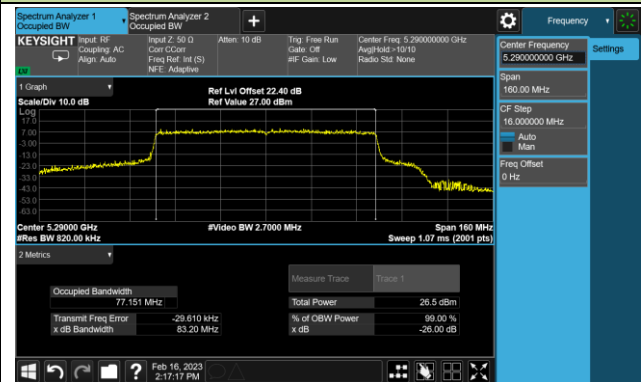


802.11ax-HE80 26dB Bandwidth & 99% Bandwidth

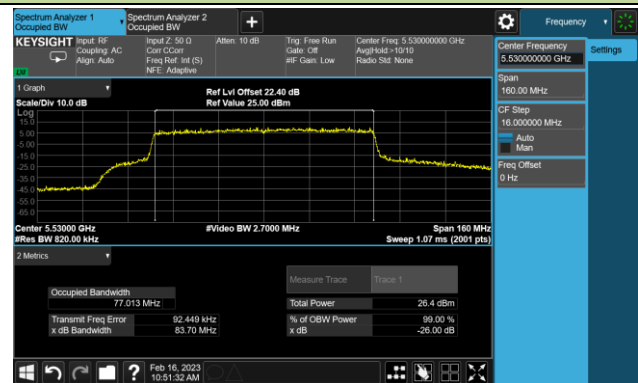
Channel 42 (5210MHz)



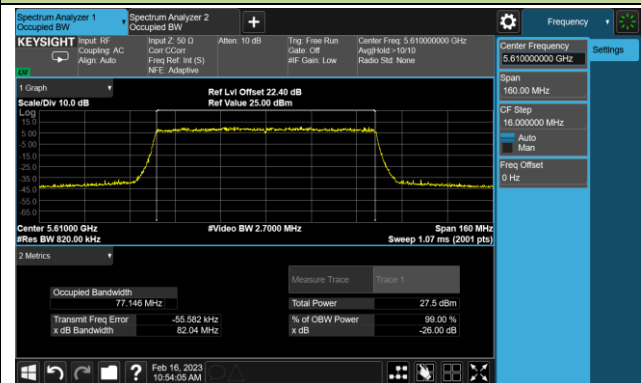
Channel 58 (5290MHz)



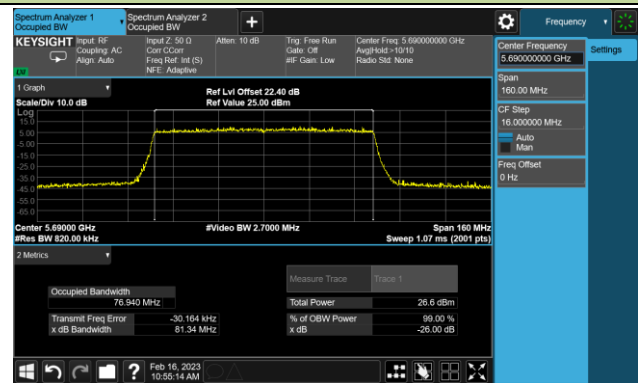
Channel 106 (5530MHz)



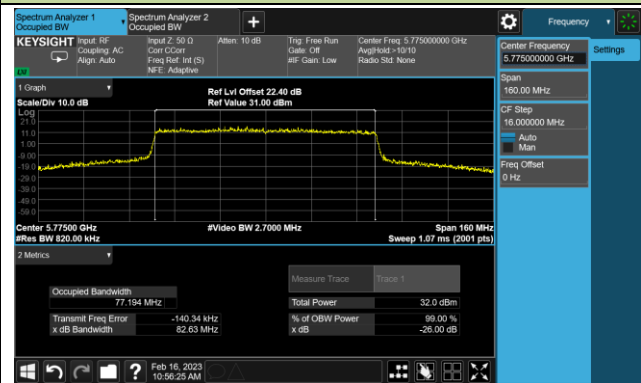
Channel 122 (5610MHz)

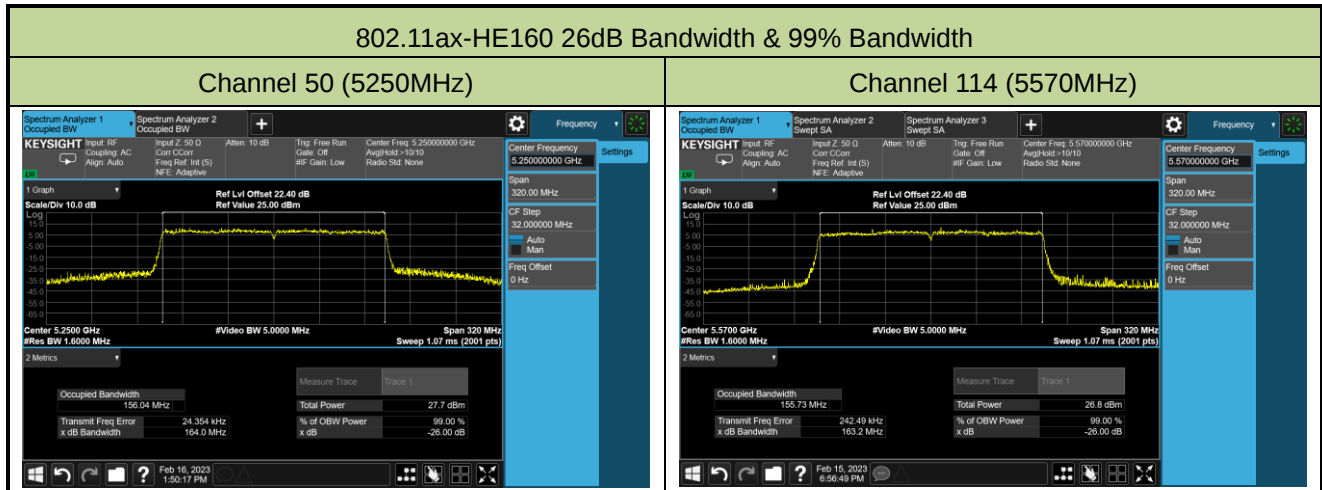


Channel 138 (5690MHz)



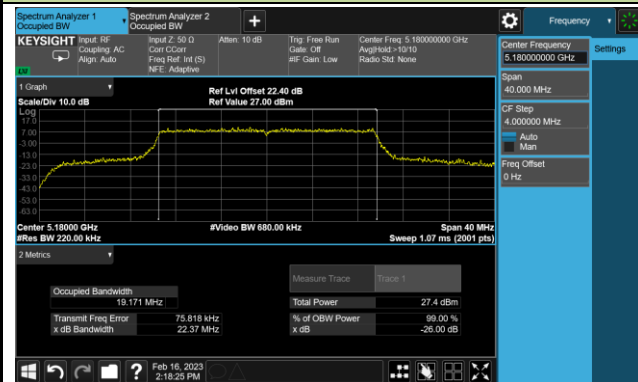
Channel 155 (5775MHz)



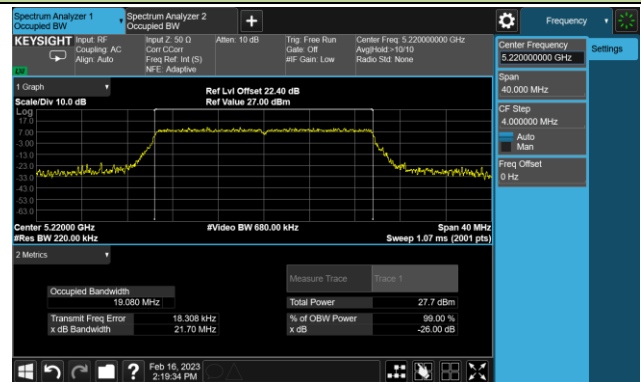


802.11be-EHT20 26dB Bandwidth

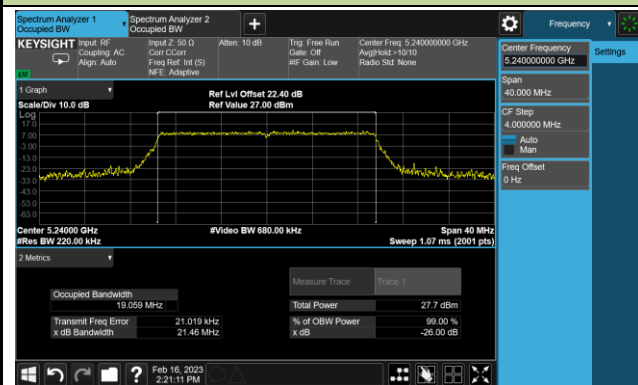
Channel 36 (5180MHz)



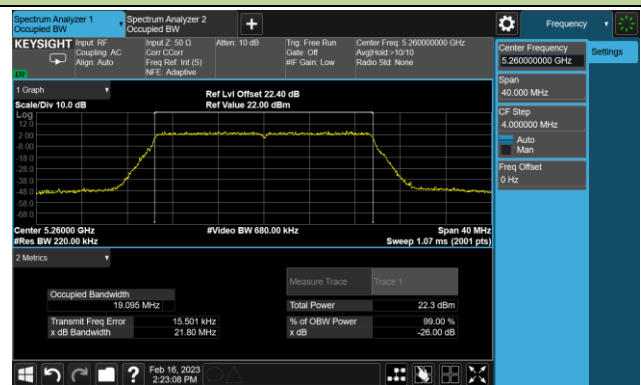
Channel 44 (5220MHz)



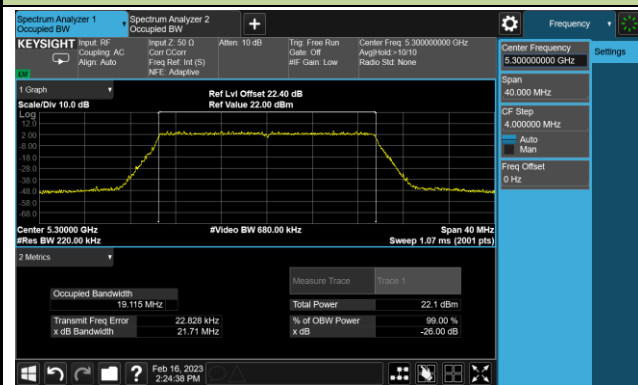
Channel 48 (5240MHz)



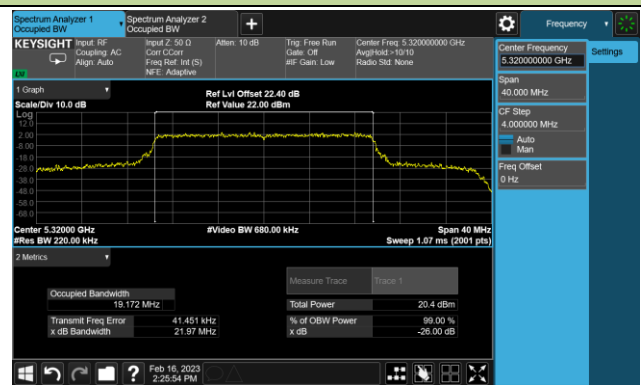
Channel 52 (5260MHz)



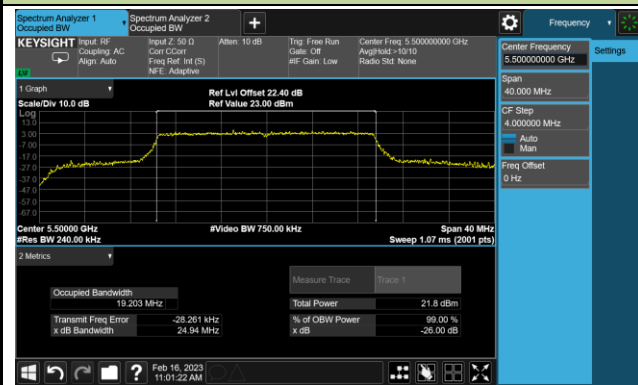
Channel 60 (5300MHz)



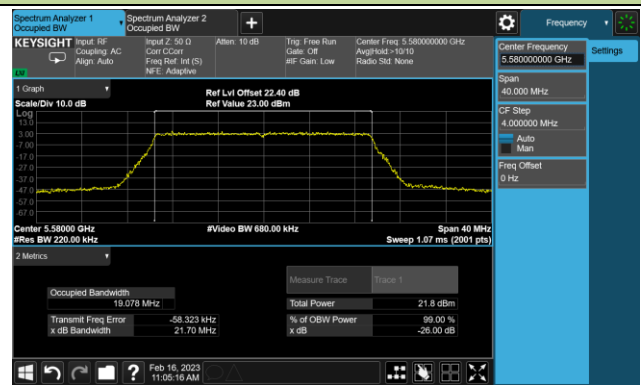
Channel 64 (5320MHz)



Channel 100 (5500MHz)

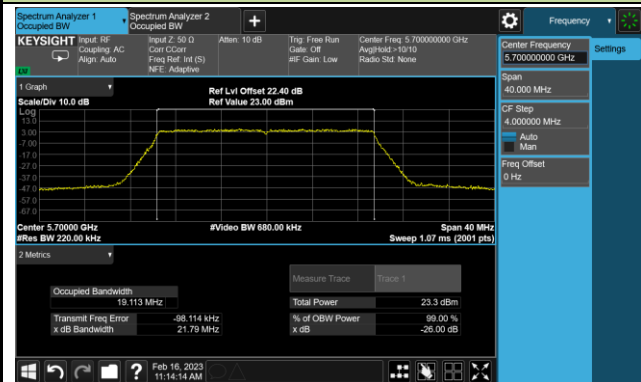


Channel 116 (5580MHz)

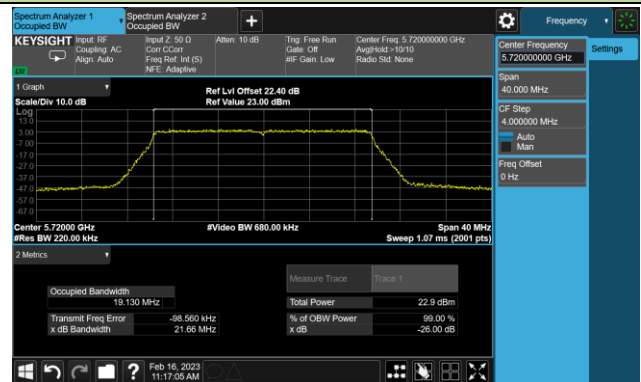


802.11be-EHT20 26dB Bandwidth

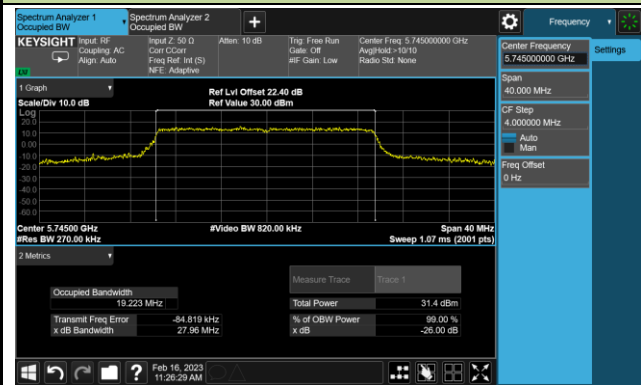
Channel 140 (5700MHz)



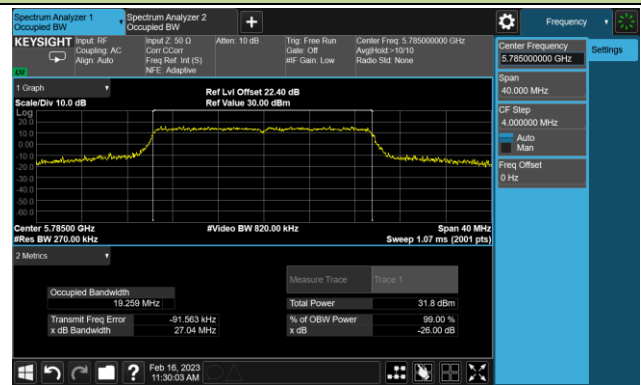
Channel 144(5720MHz)



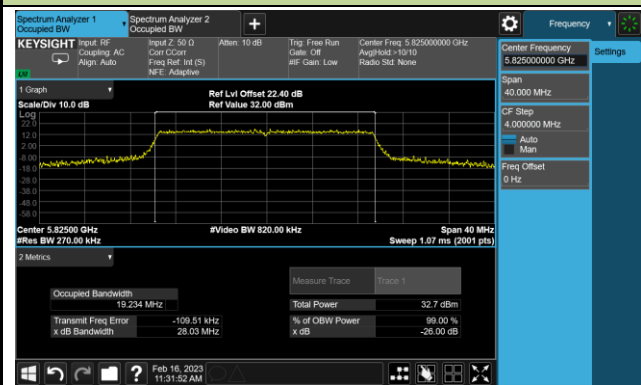
Channel 149 (5745MHz)



Channel 157 (5785MHz)

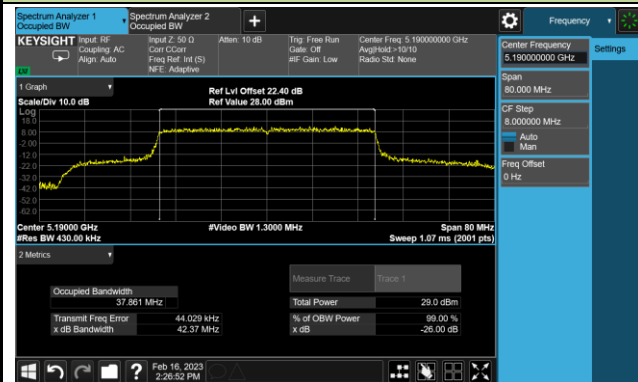


Channel 165 (5825MHz)

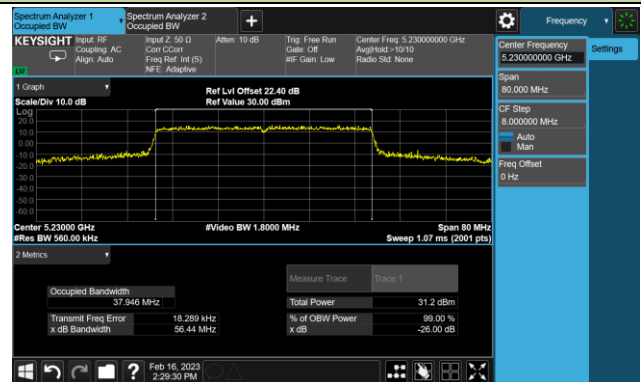


802.11be-EHT40 26dB Bandwidth

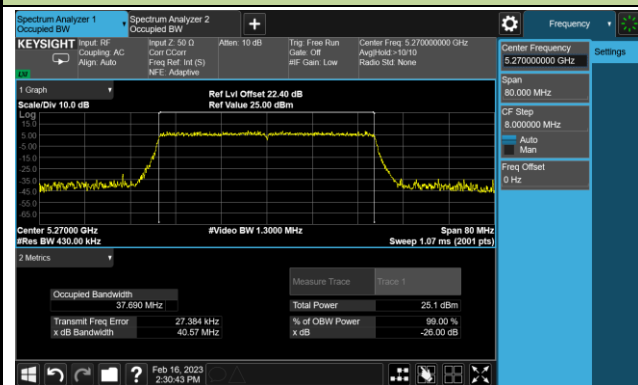
Channel 38 (5190MHz)



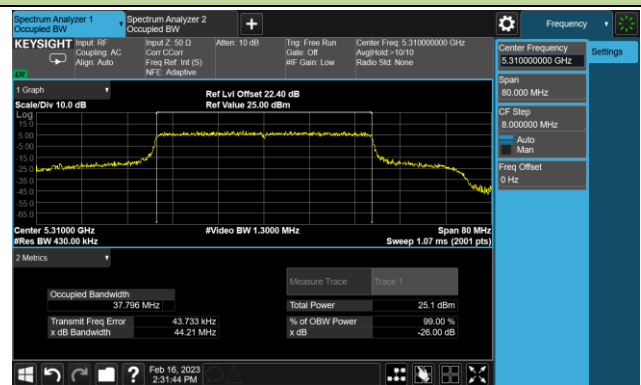
Channel 46 (5230MHz)



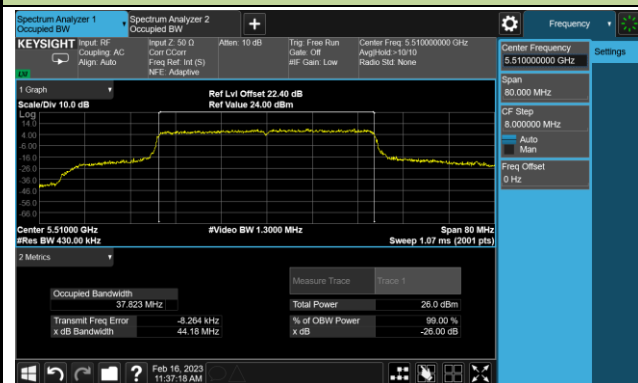
Channel 54 (5270MHz)



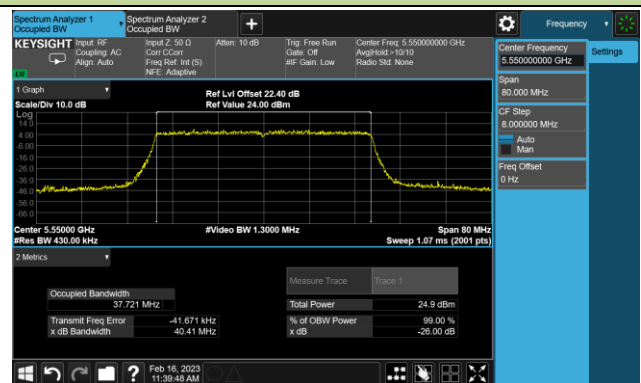
Channel 62 (5310MHz)



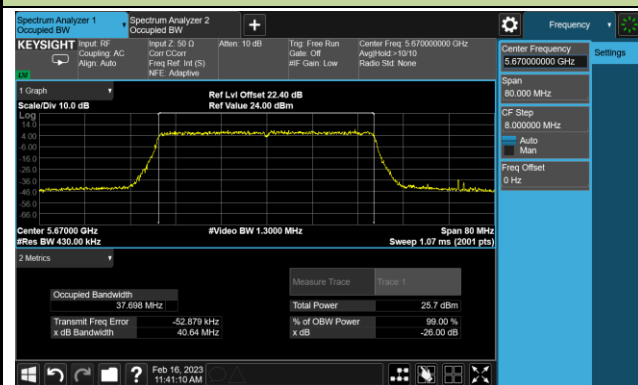
Channel 102 (5510MHz)



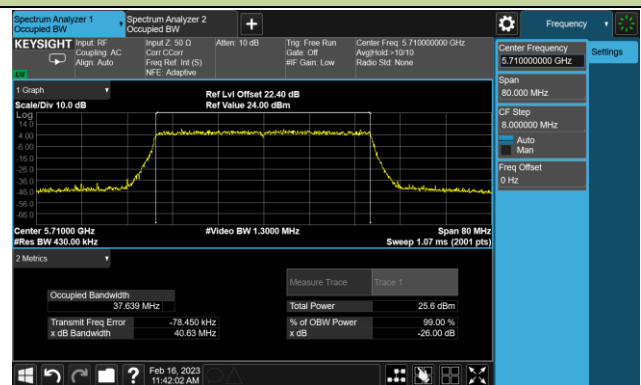
Channel 110 (5550MHz)

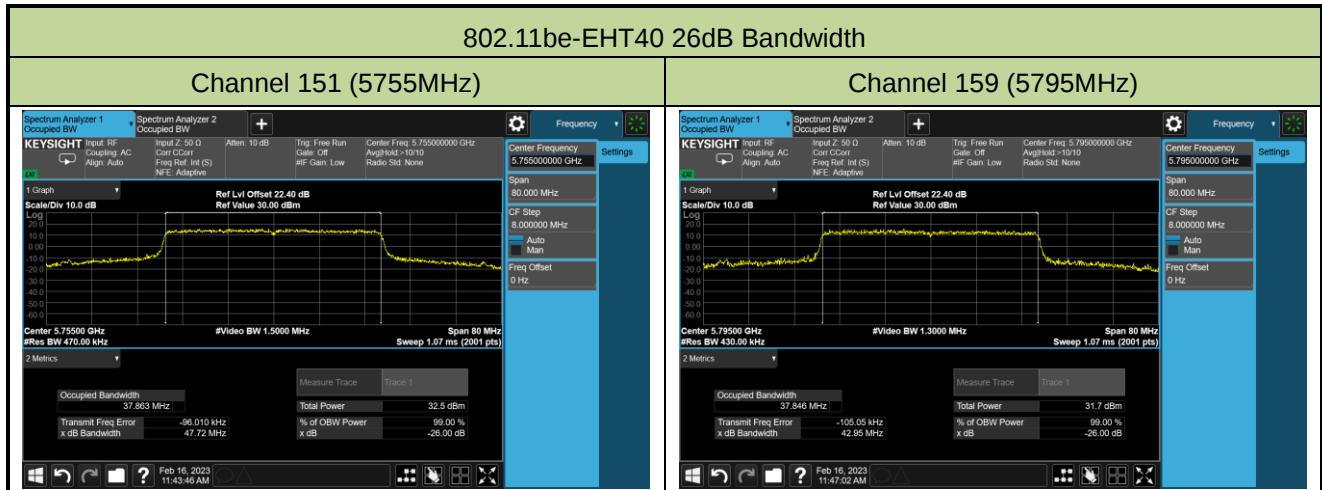


Channel 134 (5670MHz)



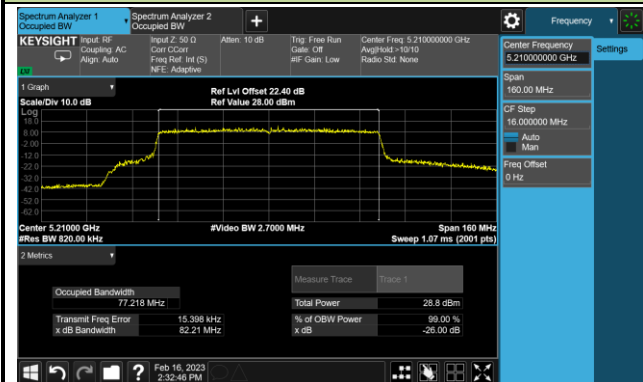
Channel 142(5710MHz)



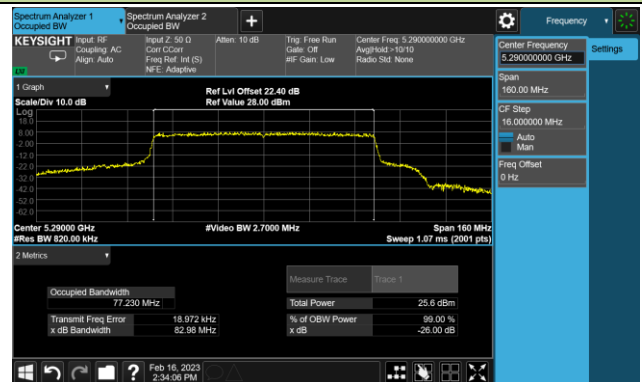


802.11be-EHT80 26dB Bandwidth & 99% Bandwidth

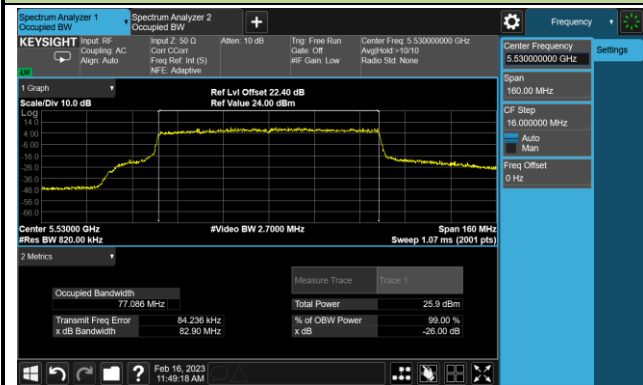
Channel 42 (5210MHz)



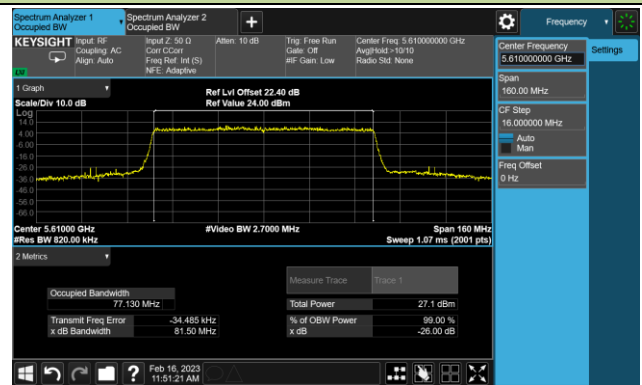
Channel 58 (5290MHz)



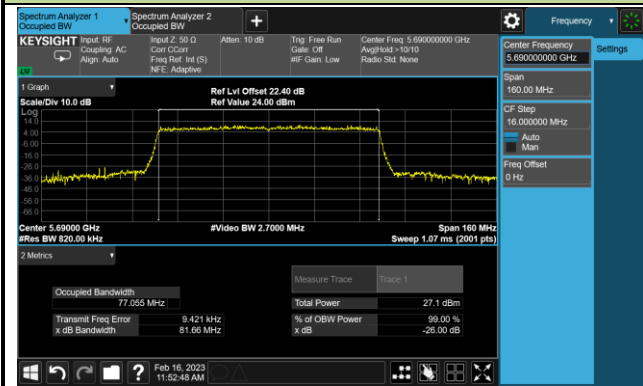
Channel 106 (5530MHz)



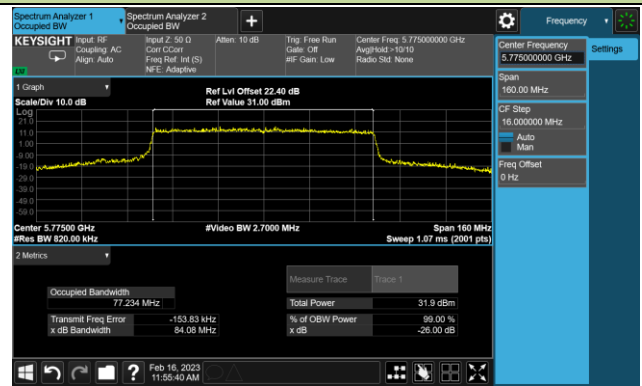
Channel 122 (5610MHz)

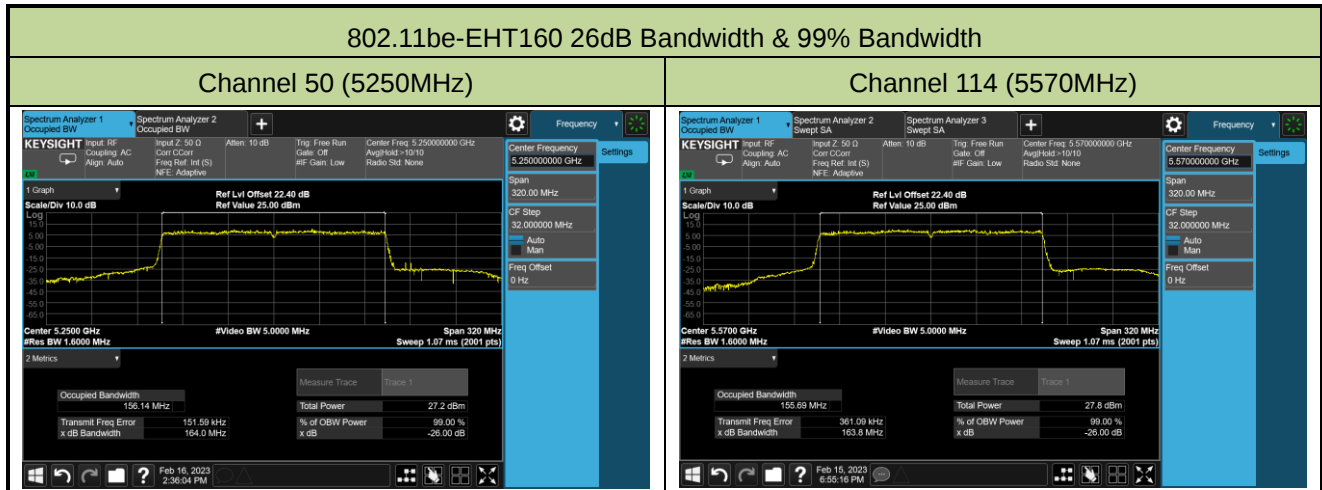


Channel 138 (5690MHz)



Channel 155 (5775MHz)





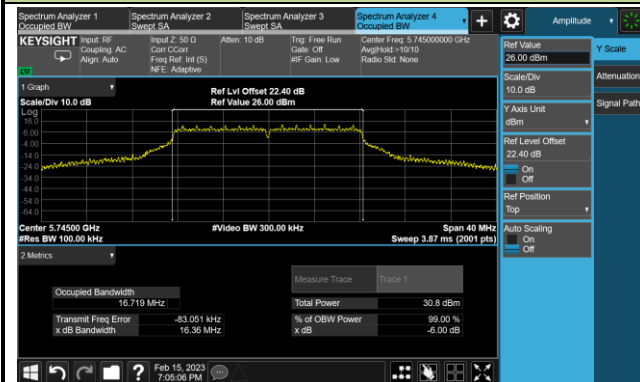
A.3 6dB Bandwidth Test Result

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2023-02-15~2023-02-20		

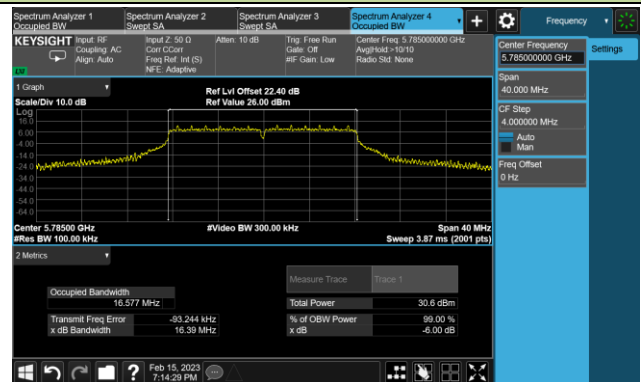
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
11a	6Mbps	149	5745	16.36	≥0.5
11a	6Mbps	157	5785	16.39	≥0.5
11a	6Mbps	165	5825	16.40	≥0.5
11ac-VHT20	MCS0	149	5745	17.58	≥0.5
11ac-VHT20	MCS0	157	5785	17.63	≥0.5
11ac-VHT20	MCS0	165	5825	17.63	≥0.5
11ac-VHT40	MCS0	151	5755	36.38	≥0.5
11ac-VHT40	MCS0	159	5795	36.38	≥0.5
11ac-VHT80	MCS0	155	5775	75.30	≥0.5
11ax-HE20	MCS0	149	5745	18.92	≥0.5
11ax-HE20	MCS0	157	5785	19.04	≥0.5
11ax-HE20	MCS0	165	5825	19.00	≥0.5
11ax-HE40	MCS0	151	5755	37.98	≥0.5
11ax-HE40	MCS0	159	5795	37.86	≥0.5
11ax-HE80	MCS0	155	5775	77.11	≥0.5
11be-EHT20	MCS0	149	5745	18.99	≥0.5
11be-EHT20	MCS0	157	5785	19.00	≥0.5
11be-EHT20	MCS0	165	5825	19.04	≥0.5
11be-EHT40	MCS0	151	5755	37.97	≥0.5
11be-EHT40	MCS0	159	5795	37.79	≥0.5
11be-EHT80	MCS0	155	5775	77.00	≥0.5

802.11a 6dB Bandwidth

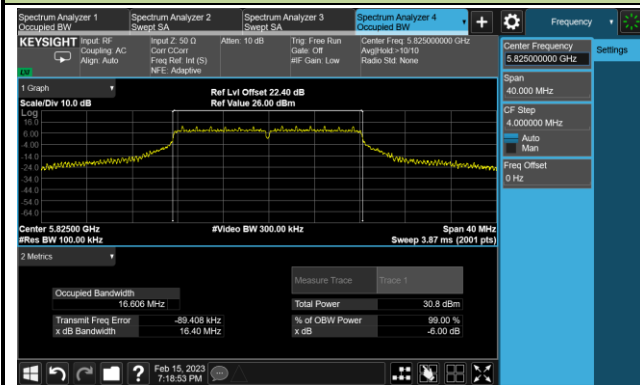
Channel 149 (5745MHz)



Channel 157 (5785MHz)

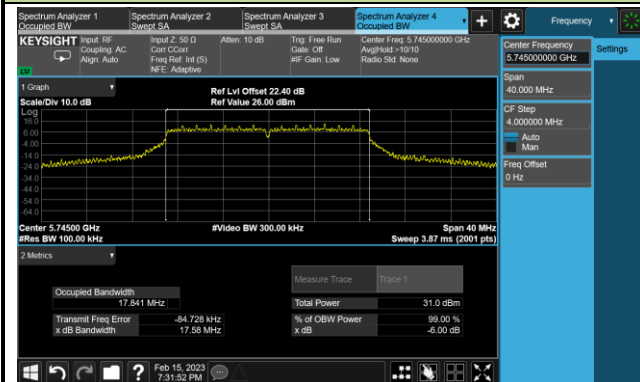


Channel 165 (5825MHz)

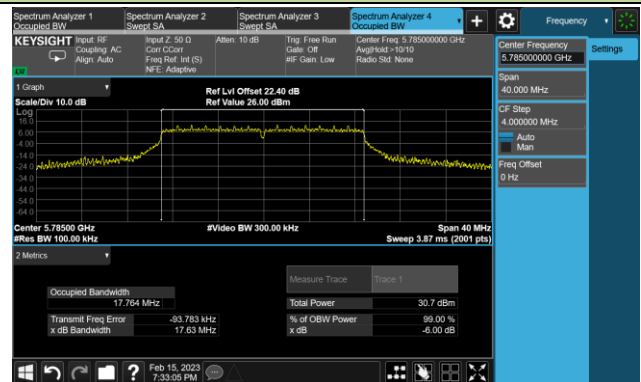


802.11ac-VHT20 6dB Bandwidth

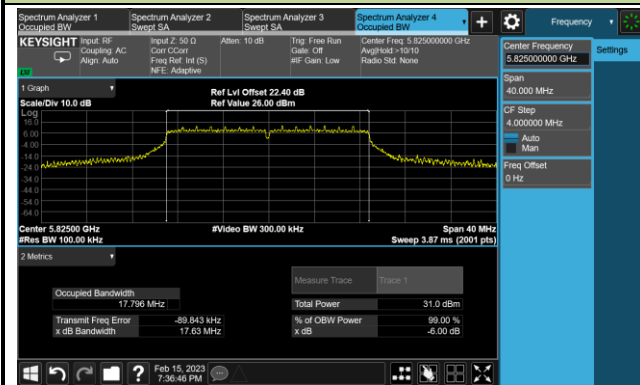
Channel 149 (5745MHz)



Channel 157 (5785MHz)

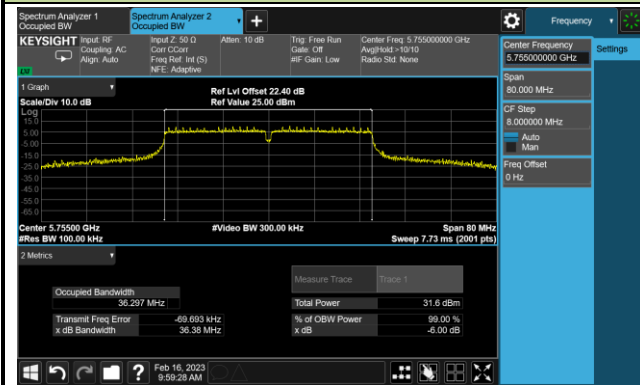


Channel 165 (5825MHz)

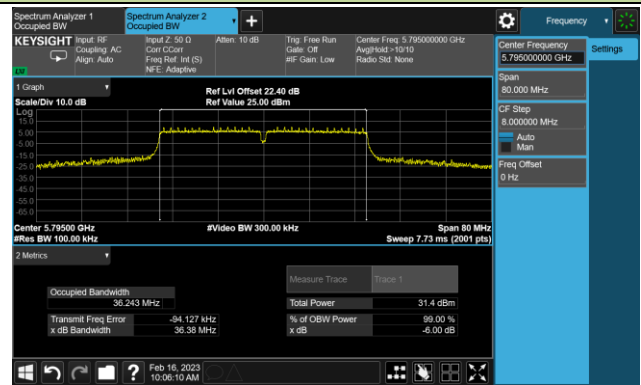


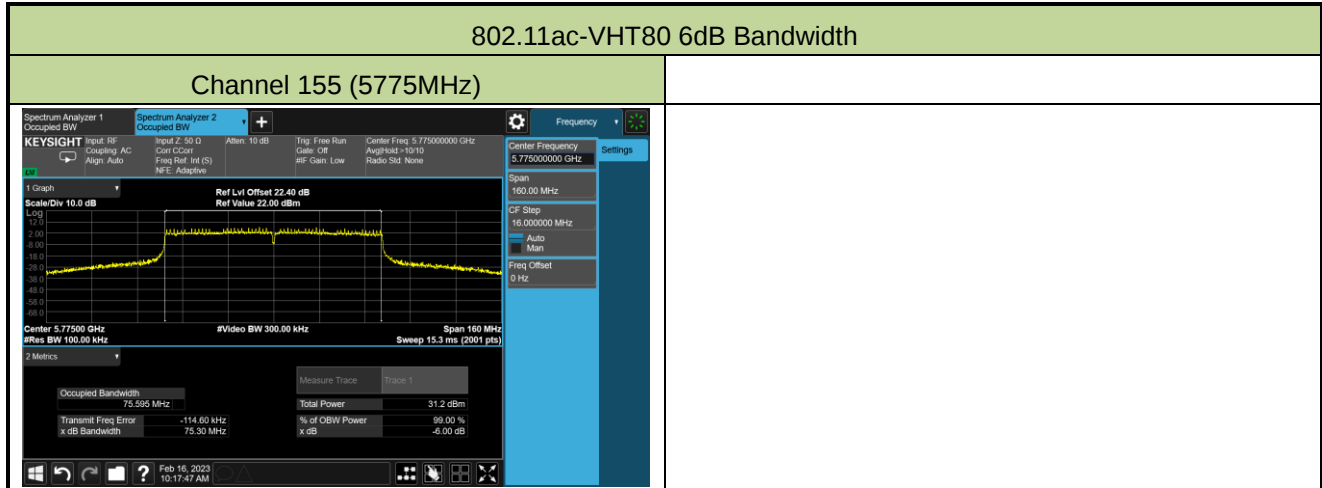
802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)



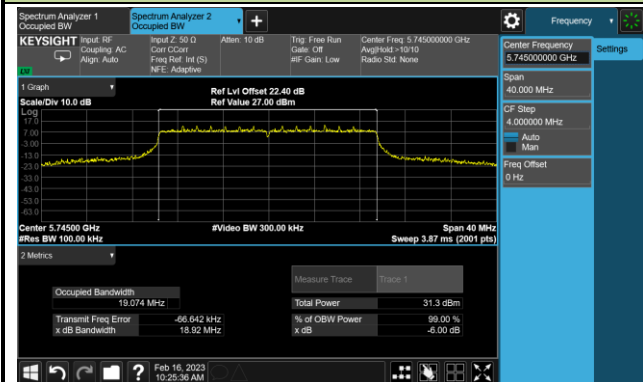
Channel 159 (5795MHz)



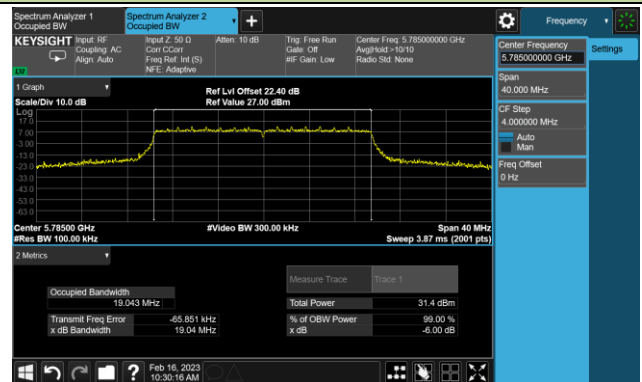


802.11ax-HE20 6dB Bandwidth

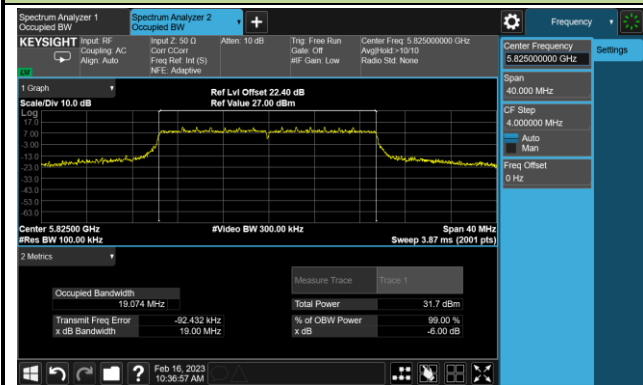
Channel 149 (5745MHz)



Channel 157 (5785MHz)

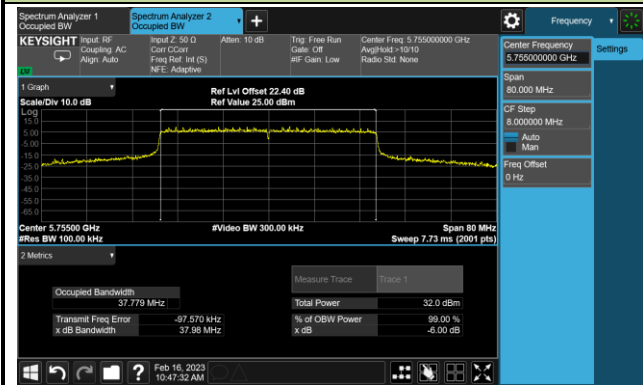


Channel 165 (5825MHz)

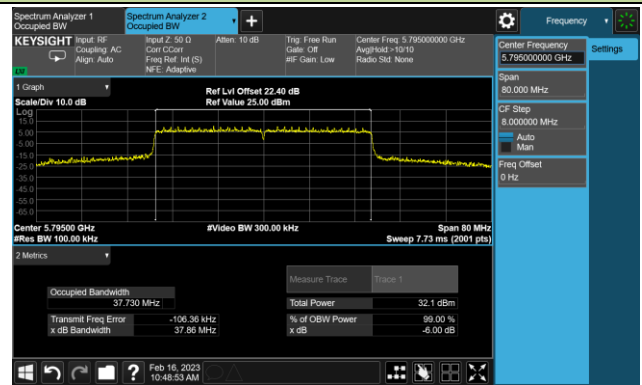


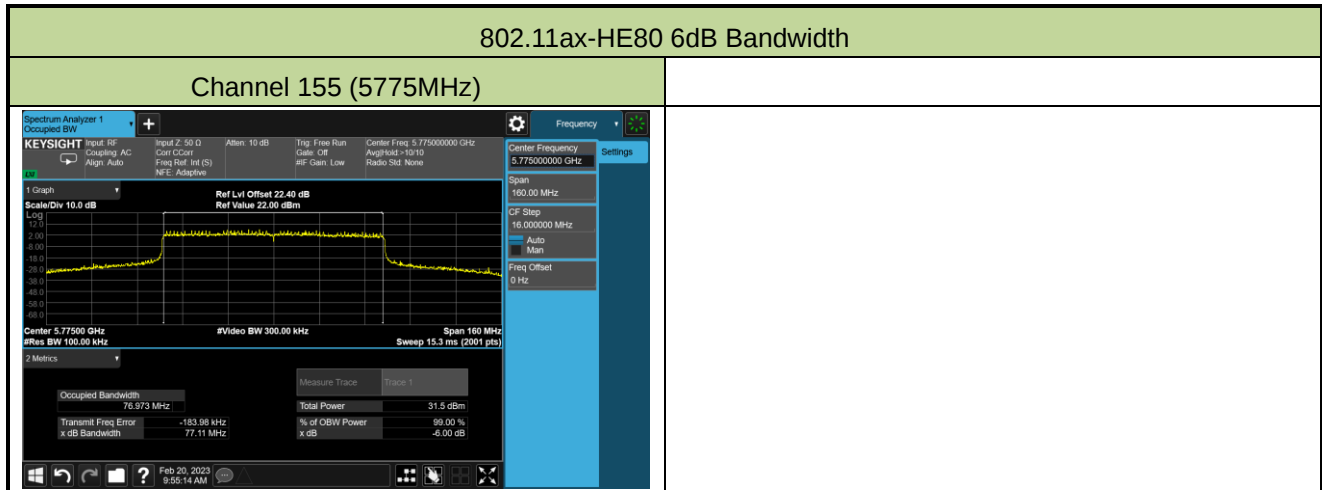
802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)



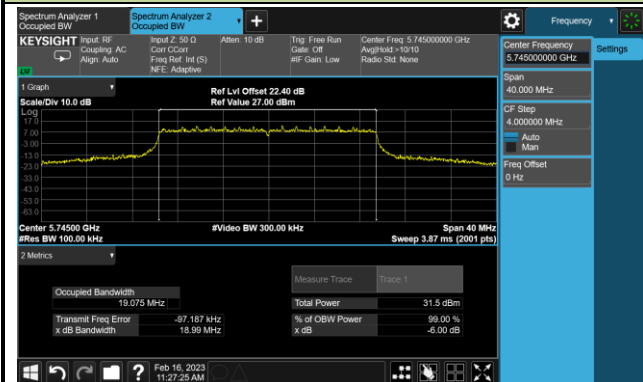
Channel 159 (5795MHz)



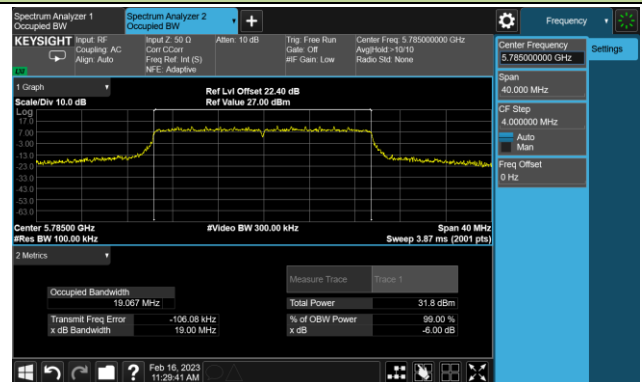


802.11be-EHT20 6dB Bandwidth

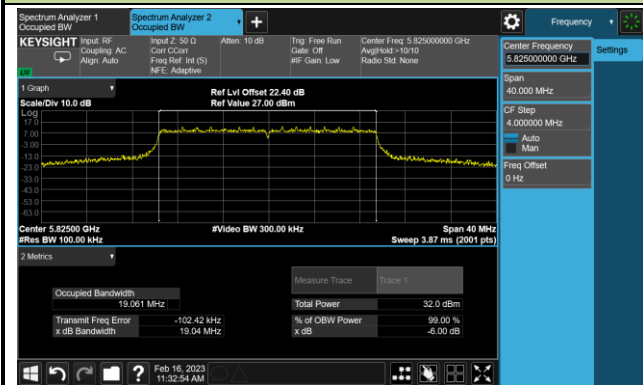
Channel 149 (5745MHz)



Channel 157 (5785MHz)

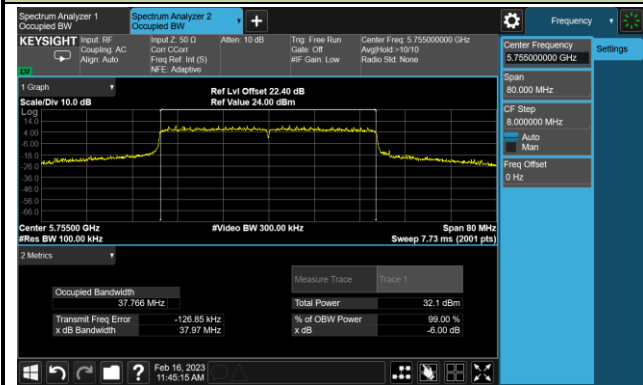


Channel 165 (5825MHz)

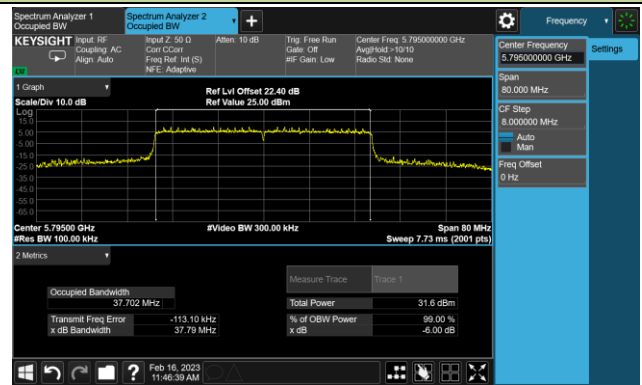


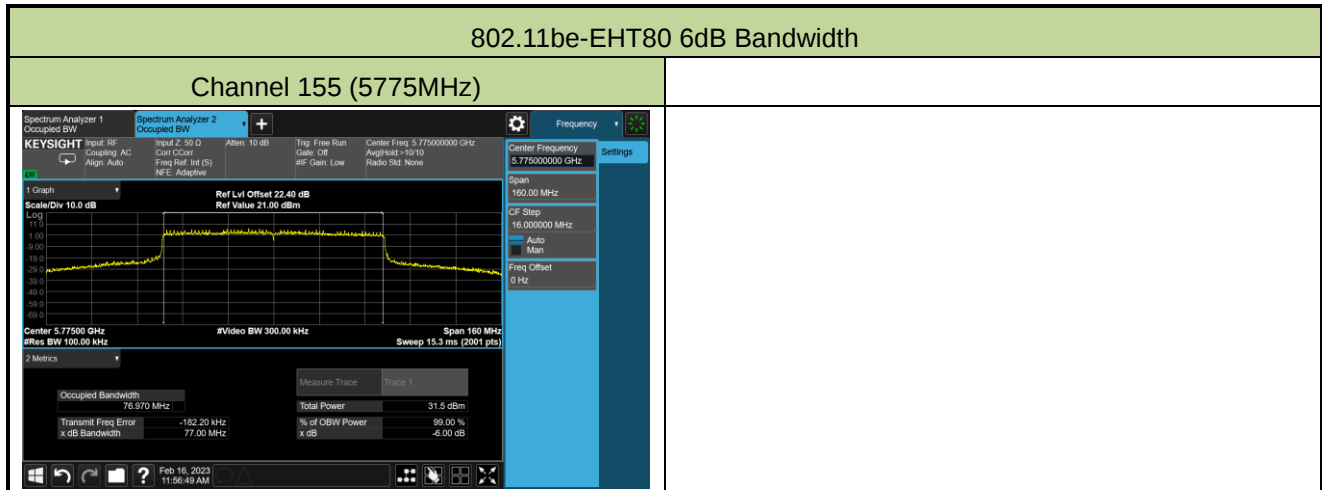
802.11be-EHT40 6dB Bandwidth

Channel 151 (5755MHz)



Channel 159 (5795MHz)





A.4 Output Power Test Result

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2023-01-29~2023-02-11	Test Mode	CDD Mode

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11a	6Mbps	36	5180	19.53	20.18	19.37	19.99	25.80	≤ 30.00
11a	6Mbps	44	5220	19.63	19.82	19.02	19.56	25.54	≤ 30.00
11a	6Mbps	48	5240	19.28	19.90	18.98	19.32	25.40	≤ 30.00
11a	6Mbps	52	5260	13.23	13.51	12.77	13.91	19.40	≤ 23.98
11a	6Mbps	60	5300	12.83	12.95	12.11	13.26	18.83	≤ 23.98
11a	6Mbps	64	5320	13.13	12.83	12.10	13.03	18.81	≤ 23.98
11a	6Mbps	100	5500	13.22	13.78	13.68	13.26	19.51	≤ 23.98
11a	6Mbps	116	5580	13.80	13.77	13.85	13.34	19.72	≤ 23.98
11a	6Mbps	140	5700	12.98	12.95	13.26	12.93	19.05	≤ 23.98
11a	6Mbps	144	5720	13.05	13.03	13.25	13.07	19.12	≤ 22.97
11a	6Mbps	149	5745	23.22	23.75	23.91	23.30	29.58	≤ 30.00
11a	6Mbps	157	5785	23.33	23.14	23.57	23.86	29.50	≤ 30.00
11a	6Mbps	165	5825	23.87	23.78	23.51	23.32	29.65	≤ 30.00
11ac-VHT20	MCS0	36	5180	19.38	20.05	19.18	19.85	25.65	≤ 30.00
11ac-VHT20	MCS0	44	5220	19.37	20.02	18.85	19.42	25.46	≤ 30.00
11ac-VHT20	MCS0	48	5240	19.45	20.35	19.35	19.56	25.72	≤ 30.00
11ac-VHT20	MCS0	52	5260	13.35	13.79	12.93	14.15	19.60	≤ 23.98
11ac-VHT20	MCS0	60	5300	13.06	13.43	12.55	14.09	19.34	≤ 23.98
11ac-VHT20	MCS0	64	5320	13.62	13.56	12.91	13.50	19.43	≤ 23.98
11ac-VHT20	MCS0	100	5500	13.53	13.81	13.92	13.56	19.73	≤ 23.98
11ac-VHT20	MCS0	116	5580	14.03	14.23	14.10	13.92	20.09	≤ 23.98
11ac-VHT20	MCS0	140	5700	13.82	13.78	13.90	13.95	19.88	≤ 23.98
11ac-VHT20	MCS0	144	5720	13.46	13.45	13.59	13.02	19.41	≤ 22.99
11ac-VHT20	MCS0	149	5745	23.56	23.69	23.51	23.34	29.55	≤ 30.00
11ac-VHT20	MCS0	157	5785	23.58	23.25	23.67	23.53	29.53	≤ 30.00
11ac-VHT20	MCS0	165	5825	23.89	23.91	23.70	23.32	29.73	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11ac-VHT40	MCS0	38	5190	20.62	20.98	21.43	20.79	26.99	≤ 30.00
11ac-VHT40	MCS0	46	5230	22.18	22.42	22.39	21.90	28.25	≤ 30.00
11ac-VHT40	MCS0	54	5270	15.92	16.12	15.38	16.29	21.96	≤ 23.98
11ac-VHT40	MCS0	62	5310	16.19	16.09	15.94	16.71	22.26	≤ 23.98
11ac-VHT40	MCS0	102	5510	16.13	16.25	16.30	16.02	22.20	≤ 23.98
11ac-VHT40	MCS0	110	5550	16.39	16.30	16.20	15.66	22.17	≤ 23.98
11ac-VHT40	MCS0	134	5670	16.75	16.05	16.78	16.28	22.50	≤ 23.98
11ac-VHT40	MCS0	142	5710	16.68	15.88	16.26	15.35	22.09	≤ 23.98
11ac-VHT40	MCS0	151	5755	23.51	23.35	23.96	23.50	29.61	≤ 30.00
11ac-VHT40	MCS0	159	5795	23.11	23.34	23.57	23.87	29.50	≤ 30.00
11ac-VHT80	MCS0	42	5210	20.26	20.79	20.17	20.29	26.40	≤ 30.00
11ac-VHT80	MCS0	58	5290	17.41	17.77	17.55	17.61	23.61	≤ 23.98
11ac-VHT80	MCS0	106	5530	17.26	17.06	17.22	16.33	23.00	≤ 23.98
11ac-VHT80	MCS0	122	5610	17.21	16.76	17.12	17.02	23.05	≤ 23.98
11ac-VHT80	MCS0	138	5690	17.58	17.08	17.56	16.89	23.31	≤ 23.98
11ac-VHT80	MCS0	155	5775	23.35	22.73	22.64	22.03	28.73	≤ 30.00
11ac-VHT160	MCS0	50	5250	17.77	17.59	17.15	17.60	23.55	≤ 23.98
11ac-VHT160	MCS0	114	5570	17.80	17.35	17.33	17.56	23.53	≤ 23.98
11ax-HE20	MCS0	36	5180	19.67	20.10	19.42	20.09	25.85	≤ 30.00
11ax-HE20	MCS0	44	5220	20.39	20.89	19.65	20.18	26.32	≤ 30.00
11ax-HE20	MCS0	48	5240	20.08	20.66	19.55	19.75	26.05	≤ 30.00
11ax-HE20	MCS0	52	5260	13.70	14.02	13.28	14.38	19.88	≤ 23.98
11ax-HE20	MCS0	60	5300	13.32	13.43	12.64	13.85	19.35	≤ 23.98
11ax-HE20	MCS0	64	5320	13.93	13.99	13.12	14.05	19.81	≤ 23.98
11ax-HE20	MCS0	100	5500	14.05	14.23	14.23	13.66	20.07	≤ 23.98
11ax-HE20	MCS0	116	5580	13.92	14.16	14.13	13.33	19.92	≤ 23.98
11ax-HE20	MCS0	140	5700	13.89	13.85	13.89	13.35	19.77	≤ 23.98
11ax-HE20	MCS0	144	5720	13.66	13.52	13.78	13.36	19.60	≤ 22.96
11ax-HE20	MCS0	149	5745	23.39	23.66	23.68	23.26	29.52	≤ 30.00
11ax-HE20	MCS0	157	5785	23.43	23.35	23.33	23.38	29.39	≤ 30.00
11ax-HE20	MCS0	165	5825	23.88	23.92	23.68	23.15	29.69	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11ax-HE40	MCS0	38	5190	21.08	21.25	21.53	21.28	27.31	≤ 30.00
11ax-HE40	MCS0	46	5230	22.79	22.95	22.92	22.56	28.83	≤ 30.00
11ax-HE40	MCS0	54	5270	16.68	16.78	16.05	16.99	22.66	≤ 23.98
11ax-HE40	MCS0	62	5310	16.68	16.70	16.28	17.03	22.70	≤ 23.98
11ax-HE40	MCS0	102	5510	16.56	16.73	16.80	16.13	22.58	≤ 23.98
11ax-HE40	MCS0	110	5550	16.63	16.51	16.52	15.85	22.41	≤ 23.98
11ax-HE40	MCS0	134	5670	17.07	16.38	17.02	16.35	22.74	≤ 23.98
11ax-HE40	MCS0	142	5710	17.03	16.12	16.52	15.80	22.41	≤ 23.98
11ax-HE40	MCS0	151	5755	23.65	23.26	24.25	23.79	29.77	≤ 30.00
11ax-HE40	MCS0	159	5795	23.96	23.66	24.18	23.70	29.90	≤ 30.00
11ax-HE80	MCS0	42	5210	20.64	20.45	20.28	20.74	26.55	≤ 30.00
11ax-HE80	MCS0	58	5290	17.89	17.71	17.55	17.65	23.72	≤ 23.98
11ax-HE80	MCS0	106	5530	18.03	17.68	18.01	17.05	23.73	≤ 23.98
11ax-HE80	MCS0	122	5610	17.90	17.28	17.73	18.25	23.82	≤ 23.98
11ax-HE80	MCS0	138	5690	18.02	17.65	18.05	17.70	23.88	≤ 23.98
11ax-HE80	MCS0	155	5775	23.16	22.76	22.41	21.83	28.59	≤ 30.00
11ax-HE160	MCS0	50	5250	18.25	17.92	17.25	17.20	23.70	≤ 23.98
11ax-HE160	MCS0	114	5570	18.21	17.85	17.52	17.71	23.85	≤ 23.98
11be-EHT20	MCS0	36	5180	19.62	20.12	19.35	20.19	25.85	≤ 30.00
11be-EHT20	MCS0	44	5220	20.12	20.52	19.45	19.95	26.05	≤ 30.00
11be-EHT20	MCS0	48	5240	19.96	20.45	19.62	19.98	26.03	≤ 30.00
11be-EHT20	MCS0	52	5260	13.85	14.17	13.36	14.46	20.00	≤ 23.98
11be-EHT20	MCS0	60	5300	13.31	13.62	12.89	14.45	19.63	≤ 23.98
11be-EHT20	MCS0	64	5320	12.56	12.81	12.21	13.09	18.70	≤ 23.98
11be-EHT20	MCS0	100	5500	14.02	14.16	14.45	14.03	20.19	≤ 23.98
11be-EHT20	MCS0	116	5580	14.05	14.30	14.23	13.45	20.04	≤ 23.98
11be-EHT20	MCS0	140	5700	13.95	13.90	13.82	13.36	19.78	≤ 23.98
11be-EHT20	MCS0	144	5720	14.02	13.89	14.13	13.69	19.96	≤ 22.99
11be-EHT20	MCS0	149	5745	23.36	23.98	23.65	23.31	29.60	≤ 30.00
11be-EHT20	MCS0	157	5785	23.45	23.30	23.41	23.01	29.32	≤ 30.00
11be-EHT20	MCS0	165	5825	24.05	23.90	23.59	23.75	29.85	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11be-EHT40	MCS0	38	5190	20.91	21.45	21.83	21.43	27.44	≤ 30.00
11be-EHT40	MCS0	46	5230	23.07	23.05	23.58	22.96	29.19	≤ 30.00
11be-EHT40	MCS0	54	5270	16.76	17.16	16.61	17.20	22.96	≤ 23.98
11be-EHT40	MCS0	62	5310	16.90	16.99	16.78	17.06	22.95	≤ 23.98
11be-EHT40	MCS0	102	5510	16.79	16.89	16.82	16.32	22.73	≤ 23.98
11be-EHT40	MCS0	110	5550	16.68	16.62	16.58	16.02	22.50	≤ 23.98
11be-EHT40	MCS0	134	5670	17.13	16.25	17.06	16.67	22.81	≤ 23.98
11be-EHT40	MCS0	142	5710	17.02	16.13	16.62	16.31	22.55	≤ 23.98
11be-EHT40	MCS0	151	5755	23.53	23.32	24.35	24.22	29.90	≤ 30.00
11be-EHT40	MCS0	159	5795	23.56	23.20	23.76	24.05	29.67	≤ 30.00
11be-EHT80	MCS0	42	5210	20.48	20.63	20.33	20.47	26.50	≤ 30.00
11be-EHT80	MCS0	58	5290	16.53	16.76	16.67	16.57	22.65	≤ 23.98
11be-EHT80	MCS0	106	5530	16.75	16.58	16.51	15.68	22.42	≤ 23.98
11be-EHT80	MCS0	122	5610	17.69	17.01	17.45	17.76	23.51	≤ 23.98
11be-EHT80	MCS0	138	5690	17.79	17.42	17.89	18.13	23.84	≤ 23.98
11be-EHT80	MCS0	155	5775	22.93	22.13	22.24	22.20	28.41	≤ 30.00
11be-EHT160	MCS0	50	5250	17.89	17.85	17.02	17.36	23.57	≤ 23.98
11be-EHT160	MCS0	114	5570	18.06	17.53	17.47	17.66	23.71	≤ 23.98

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

Note 2: For 5720MHz, Average Power Limit = $11 + 10 \cdot \log(5 + BW_{26\text{dBc}}/2)$.

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2023-01-29~2023-02-11	Test Mode	Beamforming Mode

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11ac-VHT20	MCS0	36	5180	19.38	20.05	19.18	19.85	25.65	≤ 26.96
11ac-VHT20	MCS0	44	5220	19.37	20.02	18.85	19.42	25.46	≤ 26.96
11ac-VHT20	MCS0	48	5240	19.45	20.35	19.35	19.56	25.72	≤ 26.96
11ac-VHT20	MCS0	52	5260	13.35	13.79	12.93	14.15	19.60	≤ 20.88
11ac-VHT20	MCS0	60	5300	13.06	13.43	12.55	14.09	19.34	≤ 20.88
11ac-VHT20	MCS0	64	5320	13.62	13.56	12.91	13.50	19.43	≤ 20.88
11ac-VHT20	MCS0	100	5500	13.53	13.81	13.92	13.56	19.73	≤ 20.83
11ac-VHT20	MCS0	116	5580	14.03	14.23	14.10	13.92	20.09	≤ 20.83
11ac-VHT20	MCS0	140	5700	13.82	13.78	13.90	13.95	19.88	≤ 20.83
11ac-VHT20	MCS0	144	5720	13.46	13.45	13.59	13.02	19.41	≤ 19.84
11ac-VHT20	MCS0	149	5745	20.69	21.05	20.90	20.65	26.85	≤ 27.01
11ac-VHT20	MCS0	157	5785	20.70	20.72	20.80	20.62	26.73	≤ 27.01
11ac-VHT20	MCS0	165	5825	20.77	20.89	20.57	20.07	26.61	≤ 27.01
11ac-VHT40	MCS0	38	5190	20.45	20.72	21.24	20.62	26.79	≤ 26.96
11ac-VHT40	MCS0	46	5230	20.75	21.07	21.02	20.44	26.85	≤ 26.96
11ac-VHT40	MCS0	54	5270	14.58	14.88	14.31	15.05	20.73	≤ 20.88
11ac-VHT40	MCS0	62	5310	14.68	14.72	14.22	14.68	20.60	≤ 20.88
11ac-VHT40	MCS0	102	5510	14.50	14.56	14.70	14.06	20.48	≤ 20.83
11ac-VHT40	MCS0	110	5550	14.88	14.54	14.84	14.02	20.60	≤ 20.83
11ac-VHT40	MCS0	134	5670	14.78	14.13	14.83	14.20	20.52	≤ 20.83
11ac-VHT40	MCS0	142	5710	15.06	14.25	14.48	13.76	20.43	≤ 20.83
11ac-VHT40	MCS0	151	5755	20.85	20.44	21.42	20.61	26.87	≤ 27.01
11ac-VHT40	MCS0	159	5795	20.82	20.32	20.91	20.67	26.71	≤ 27.01
11ac-VHT80	MCS0	42	5210	20.26	20.79	20.17	20.29	26.40	≤ 26.96
11ac-VHT80	MCS0	58	5290	14.07	15.28	14.59	14.54	20.66	≤ 20.88
11ac-VHT80	MCS0	106	5530	14.76	14.65	14.78	13.63	20.50	≤ 20.83
11ac-VHT80	MCS0	122	5610	14.80	14.21	14.69	14.43	20.56	≤ 20.83
11ac-VHT80	MCS0	138	5690	14.65	14.07	14.92	14.12	20.48	≤ 20.83
11ac-VHT80	MCS0	155	5775	21.22	20.76	20.89	20.06	26.77	≤ 27.01

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11ac-VHT160	MCS0	50	5250	14.84	15.11	13.61	14.62	20.60	≤ 20.88
11ac-VHT160	MCS0	114	5570	15.03	14.41	14.21	14.33	20.53	≤ 20.83
11ax-HE20	MCS0	36	5180	19.67	20.10	19.42	20.09	25.85	≤ 26.96
11ax-HE20	MCS0	44	5220	20.39	20.89	19.65	20.18	26.32	≤ 26.96
11ax-HE20	MCS0	48	5240	20.08	20.66	19.55	19.75	26.05	≤ 26.96
11ax-HE20	MCS0	52	5260	13.70	14.02	13.28	14.38	19.88	≤ 20.88
11ax-HE20	MCS0	60	5300	13.32	13.43	12.64	13.85	19.35	≤ 20.88
11ax-HE20	MCS0	64	5320	13.93	13.99	13.12	14.05	19.81	≤ 20.88
11ax-HE20	MCS0	100	5500	14.05	14.23	14.23	13.66	20.07	≤ 20.83
11ax-HE20	MCS0	116	5580	13.92	14.16	14.13	13.33	19.92	≤ 20.83
11ax-HE20	MCS0	140	5700	13.89	13.85	13.89	13.35	19.77	≤ 20.83
11ax-HE20	MCS0	144	5720	13.66	13.52	13.78	13.36	19.60	≤ 19.81
11ax-HE20	MCS0	149	5745	20.76	21.08	20.87	20.44	26.81	≤ 27.01
11ax-HE20	MCS0	157	5785	20.91	20.92	20.99	20.62	26.88	≤ 27.01
11ax-HE20	MCS0	165	5825	20.89	21.02	20.81	20.15	26.75	≤ 27.01
11ax-HE40	MCS0	38	5190	20.51	20.86	21.12	20.75	26.84	≤ 26.96
11ax-HE40	MCS0	46	5230	20.80	21.12	20.90	20.42	26.84	≤ 26.96
11ax-HE40	MCS0	54	5270	14.68	14.94	13.89	14.72	20.60	≤ 20.88
11ax-HE40	MCS0	62	5310	14.65	14.78	14.16	14.75	20.61	≤ 20.88
11ax-HE40	MCS0	102	5510	14.52	14.64	14.82	14.16	20.56	≤ 20.83
11ax-HE40	MCS0	110	5550	15.01	14.80	14.76	14.05	20.69	≤ 20.83
11ax-HE40	MCS0	134	5670	15.10	14.26	14.80	14.22	20.63	≤ 20.83
11ax-HE40	MCS0	142	5710	15.21	14.15	14.76	13.89	20.55	≤ 20.83
11ax-HE40	MCS0	151	5755	20.78	20.35	21.26	20.53	26.76	≤ 27.01
11ax-HE40	MCS0	159	5795	21.05	20.58	20.88	20.81	26.85	≤ 27.01
11ax-HE80	MCS0	42	5210	20.64	20.45	20.28	20.74	26.55	≤ 26.96
11ax-HE80	MCS0	58	5290	14.16	14.96	14.19	14.55	20.50	≤ 20.88
11ax-HE80	MCS0	106	5530	14.96	14.61	15.15	13.87	20.69	≤ 20.83
11ax-HE80	MCS0	122	5610	14.82	14.31	14.78	14.44	20.61	≤ 20.83
11ax-HE80	MCS0	138	5690	14.78	14.36	15.05	14.30	20.65	≤ 20.83
11ax-HE80	MCS0	155	5775	21.13	20.74	20.62	20.06	26.67	≤ 27.01

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11ax-HE160	MCS0	50	5250	14.72	15.06	14.57	14.43	20.72	≤ 20.88
11ax-HE160	MCS0	114	5570	14.95	14.62	14.50	14.43	20.65	≤ 20.83
11be-EHT20	MCS0	36	5180	19.62	20.12	19.35	20.19	25.85	≤ 26.96
11be-EHT20	MCS0	44	5220	20.12	20.52	19.45	19.95	26.05	≤ 26.96
11be-EHT20	MCS0	48	5240	19.96	20.45	19.62	19.98	26.03	≤ 26.96
11be-EHT20	MCS0	52	5260	13.85	14.17	13.36	14.46	20.00	≤ 20.88
11be-EHT20	MCS0	60	5300	13.31	13.62	12.89	14.45	19.63	≤ 20.88
11be-EHT20	MCS0	64	5320	12.56	12.81	12.21	13.09	18.70	≤ 20.88
11be-EHT20	MCS0	100	5500	14.02	14.16	14.45	14.03	20.19	≤ 20.83
11be-EHT20	MCS0	116	5580	14.05	14.30	14.23	13.45	20.04	≤ 20.83
11be-EHT20	MCS0	140	5700	13.95	13.90	13.82	13.36	19.78	≤ 20.83
11be-EHT20	MCS0	144	5720	13.85	13.75	13.93	13.51	19.78	≤ 19.84
11be-EHT20	MCS0	149	5745	20.68	20.90	20.76	20.44	26.72	≤ 27.01
11be-EHT20	MCS0	157	5785	20.92	20.95	21.04	20.47	26.87	≤ 27.01
11be-EHT20	MCS0	165	5825	20.95	21.10	20.82	20.20	26.80	≤ 27.01
11be-EHT40	MCS0	38	5190	20.27	20.75	20.88	20.62	26.66	≤ 26.96
11be-EHT40	MCS0	46	5230	20.67	20.83	20.75	20.30	26.66	≤ 26.96
11be-EHT40	MCS0	54	5270	14.69	14.85	13.89	14.75	20.58	≤ 20.88
11be-EHT40	MCS0	62	5310	14.69	14.79	14.13	14.71	20.61	≤ 20.88
11be-EHT40	MCS0	102	5510	14.29	15.52	14.63	13.93	20.65	≤ 20.83
11be-EHT40	MCS0	110	5550	14.72	14.61	14.72	13.93	20.53	≤ 20.83
11be-EHT40	MCS0	134	5670	15.06	14.25	14.94	14.30	20.67	≤ 20.83
11be-EHT40	MCS0	142	5710	15.08	14.05	14.66	13.80	20.45	≤ 20.83
11be-EHT40	MCS0	151	5755	20.85	20.53	21.40	20.66	26.89	≤ 27.01
11be-EHT40	MCS0	159	5795	21.05	20.46	21.00	20.80	26.85	≤ 27.01
11be-EHT80	MCS0	42	5210	20.48	20.63	20.33	20.47	26.50	≤ 26.96
11be-EHT80	MCS0	58	5290	13.88	15.05	14.34	14.55	20.50	≤ 20.88
11be-EHT80	MCS0	106	5530	14.62	14.50	14.85	13.77	20.47	≤ 20.83
11be-EHT80	MCS0	122	5610	14.77	14.26	14.82	14.46	20.60	≤ 20.83
11be-EHT80	MCS0	138	5690	14.73	14.34	15.01	14.37	20.64	≤ 20.83
11be-EHT80	MCS0	155	5775	21.14	20.36	20.43	20.53	26.65	≤ 27.01
11be-EHT160	MCS0	50	5250	15.02	15.05	14.09	14.50	20.70	≤ 20.88
11be-EHT160	MCS0	114	5570	15.07	14.65	14.58	14.41	20.70	≤ 20.83

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

Note 2:

For 5125 - 5250MHz Band: Average Power Limit (dBm) = $30 - (9.04 - 6) = 26.96\text{dBm}$

For 5250 - 5350MHz Band: Average Power Limit (dBm) = $23.98 - (9.10 - 6) = 20.88\text{dBm}$.

For 5470 - 5725MHz Band: Average Power Limit (dBm) = $23.98 - (9.15 - 6) = 20.83\text{dBm}$.

For 5725 - 5850MHz Band: Average Power Limit (dBm) = $30 - (8.99 - 6) = 27.01\text{dBm}$.

For 5720MHz, Average Power Limit = $11 + 10 \cdot \log(5 + BW_{26\text{dBc}}/2) - (9.15 - 6)$.

A.5 Power Spectral Density Test Result

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2023-01-29~2023-02-15		
Test Item	Power Spectral Density (UNII-Band 1 & UNII-2a & UNII-2c)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)				Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 0	Ant 1	Ant 2	Ant 3			
11a	6Mbps	36	5180	7.120	7.673	7.148	7.594	94.71	13.65	≤ 13.96
11a	6Mbps	44	5220	7.415	7.897	7.148	7.475	94.71	13.75	≤ 13.96
11a	6Mbps	48	5240	7.361	8.050	7.198	7.446	94.71	13.78	≤ 13.96
11a	6Mbps	52	5260	1.255	1.495	1.039	1.975	94.71	7.71	≤ 7.90
11a	6Mbps	60	5300	1.217	1.191	0.535	1.947	94.71	7.51	≤ 7.90
11a	6Mbps	64	5320	1.429	1.273	0.968	1.719	94.71	7.61	≤ 7.90
11a	6Mbps	100	5500	1.302	1.391	1.645	1.255	94.71	7.66	≤ 7.85
11a	6Mbps	116	5580	1.464	1.349	1.511	0.884	94.71	7.57	≤ 7.85
11a	6Mbps	140	5700	1.343	1.152	1.317	0.889	94.71	7.44	≤ 7.85
11a	6Mbps	144	5720	1.444	1.355	1.723	1.201	94.71	7.69	≤ 7.85
11ac-VHT20	MCS0	36	5180	7.476	7.987	7.527	8.127	98.21	13.81	≤ 13.96
11ac-VHT20	MCS0	44	5220	7.339	7.911	7.070	7.630	98.21	13.52	≤ 13.96
11ac-VHT20	MCS0	48	5240	7.794	8.328	7.578	7.755	98.21	13.89	≤ 13.96
11ac-VHT20	MCS0	52	5260	1.588	1.951	1.338	2.434	98.21	7.87	≤ 7.90
11ac-VHT20	MCS0	60	5300	1.466	1.566	1.121	1.944	98.21	7.55	≤ 7.90
11ac-VHT20	MCS0	64	5320	1.826	1.736	1.200	2.077	98.21	7.74	≤ 7.90
11ac-VHT20	MCS0	100	5500	1.614	1.739	1.883	1.463	98.21	7.70	≤ 7.85
11ac-VHT20	MCS0	116	5580	1.617	1.668	1.895	1.272	98.21	7.64	≤ 7.85
11ac-VHT20	MCS0	140	5700	1.610	1.639	1.982	1.563	98.21	7.72	≤ 7.85
11ac-VHT20	MCS0	144	5720	1.544	1.382	1.731	1.308	98.21	7.51	≤ 7.85
11ac-VHT40	MCS0	38	5190	5.594	5.907	6.268	5.675	96.65	12.04	≤ 13.96
11ac-VHT40	MCS0	46	5230	7.447	7.651	7.811	7.188	96.65	13.70	≤ 13.96
11ac-VHT40	MCS0	54	5270	1.593	1.696	1.150	2.015	96.65	7.79	≤ 7.90
11ac-VHT40	MCS0	62	5310	1.421	1.616	1.078	1.590	96.65	7.60	≤ 7.90
11ac-VHT40	MCS0	102	5510	1.446	1.285	1.387	1.027	96.65	7.46	≤ 7.85
11ac-VHT40	MCS0	110	5550	1.543	1.343	1.398	1.271	96.65	7.56	≤ 7.85
11ac-VHT40	MCS0	134	5670	2.015	1.176	1.812	1.324	96.65	7.76	≤ 7.85
11ac-VHT40	MCS0	142	5710	1.744	1.170	1.619	0.941	96.65	7.55	≤ 7.85

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)				Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 0	Ant 1	Ant 2	Ant 3			
11ac-VHT80	MCS0	42	5210	2.045	2.496	1.812	2.165	93.78	8.44	≤ 13.96
11ac-VHT80	MCS0	58	5290	-1.061	-0.436	-0.936	-1.519	93.78	5.33	≤ 7.90
11ac-VHT80	MCS0	106	5530	-0.101	-0.590	-0.380	-2.005	93.78	5.59	≤ 7.85
11ac-VHT80	MCS0	122	5610	-0.707	-1.230	-0.797	-0.846	93.78	5.41	≤ 7.85
11ac-VHT80	MCS0	138	5690	-0.232	-0.386	-0.140	-0.857	93.78	5.90	≤ 7.85
11ac-VHT160	MCS0	50	5250	-3.480	-3.663	-4.337	-4.015	89.20	2.66	≤ 7.90
11ac-VHT160	MCS0	114	5570	-3.408	-3.758	-4.027	-3.792	89.20	2.78	≤ 7.85
11ax-HE20	MCS0	36	5180	6.848	7.597	6.922	7.623	97.76	13.38	≤ 13.96
11ax-HE20	MCS0	44	5220	7.459	7.747	6.674	7.798	97.76	13.56	≤ 13.96
11ax-HE20	MCS0	48	5240	7.378	8.194	7.127	7.585	97.76	13.71	≤ 13.96
11ax-HE20	MCS0	52	5260	1.513	1.976	1.183	1.905	97.76	7.77	≤ 7.90
11ax-HE20	MCS0	60	5300	1.101	1.854	1.343	1.788	97.76	7.65	≤ 7.90
11ax-HE20	MCS0	64	5320	1.575	1.514	1.202	1.725	97.76	7.63	≤ 7.90
11ax-HE20	MCS0	100	5500	1.619	1.349	1.848	1.283	97.76	7.65	≤ 7.85
11ax-HE20	MCS0	116	5580	1.573	1.572	1.499	0.976	97.76	7.53	≤ 7.85
11ax-HE20	MCS0	140	5700	1.649	1.060	1.413	1.285	97.76	7.48	≤ 7.85
11ax-HE20	MCS0	144	5720	1.661	0.906	1.500	1.050	97.76	7.41	≤ 7.85
11ax-HE40	MCS0	38	5190	5.614	5.866	6.282	5.722	95.81	12.09	≤ 13.96
11ax-HE40	MCS0	46	5230	7.500	7.654	7.752	7.310	95.81	13.76	≤ 13.96
11ax-HE40	MCS0	54	5270	1.256	1.525	1.006	1.804	95.81	7.61	≤ 7.90
11ax-HE40	MCS0	62	5310	1.592	1.687	1.088	1.589	95.81	7.70	≤ 7.90
11ax-HE40	MCS0	102	5510	1.611	1.006	1.590	1.231	95.81	7.57	≤ 7.85
11ax-HE40	MCS0	110	5550	1.594	1.315	1.212	1.189	95.81	7.54	≤ 7.85
11ax-HE40	MCS0	134	5670	1.964	0.690	1.703	1.356	95.81	7.66	≤ 7.85
11ax-HE40	MCS0	142	5710	2.038	0.722	1.452	0.743	95.81	7.48	≤ 7.85
11ax-HE80	MCS0	42	5210	2.349	2.223	1.822	2.189	92.99	8.49	≤ 13.96
11ax-HE80	MCS0	58	5290	0.162	0.279	-0.343	-0.330	92.99	6.29	≤ 7.90
11ax-HE80	MCS0	106	5530	0.417	-0.069	0.302	-0.859	92.99	6.31	≤ 7.85
11ax-HE80	MCS0	122	5610	-0.042	-0.668	-0.173	-0.304	92.99	6.05	≤ 7.85
11ax-HE80	MCS0	138	5690	0.063	0.090	0.240	-0.216	92.99	6.38	≤ 7.85
11ax-HE160	MCS0	50	5250	-2.486	-2.732	-3.360	-3.556	88.22	3.55	≤ 7.90
11ax-HE160	MCS0	114	5570	-2.685	-3.356	-3.668	-3.609	88.22	3.25	≤ 7.85

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)				Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 0	Ant 1	Ant 2	Ant 3			
11be-EHT20	MCS0	36	5180	7.273	7.808	7.141	7.997	97.51	13.70	≤ 13.96
11be-EHT20	MCS0	44	5220	7.533	7.980	6.880	7.592	97.51	13.64	≤ 13.96
11be-EHT20	MCS0	48	5240	7.671	8.017	7.125	7.578	97.51	13.74	≤ 13.96
11be-EHT20	MCS0	52	5260	1.165	1.726	0.854	2.062	97.51	7.61	≤ 7.90
11be-EHT20	MCS0	60	5300	1.322	1.541	0.713	2.091	97.51	7.57	≤ 7.90
11be-EHT20	MCS0	64	5320	1.484	1.645	0.766	1.465	97.51	7.48	≤ 7.90
11be-EHT20	MCS0	100	5500	1.717	1.006	1.890	1.235	97.51	7.61	≤ 7.85
11be-EHT20	MCS0	116	5580	1.608	1.204	1.600	1.179	97.51	7.53	≤ 7.85
11be-EHT20	MCS0	140	5700	1.725	1.092	1.595	1.145	97.51	7.53	≤ 7.85
11be-EHT20	MCS0	144	5720	1.882	1.115	1.820	1.500	97.51	7.72	≤ 7.85
11be-EHT40	MCS0	38	5190	5.474	5.998	6.335	5.821	95.93	12.12	≤ 13.96
11be-EHT40	MCS0	46	5230	7.577	7.803	7.734	7.444	95.93	13.84	≤ 13.96
11be-EHT40	MCS0	54	5270	1.497	1.684	0.898	1.900	95.93	7.71	≤ 7.90
11be-EHT40	MCS0	62	5310	1.360	1.493	1.069	1.637	95.93	7.60	≤ 7.90
11be-EHT40	MCS0	102	5510	1.643	1.096	1.646	1.505	95.93	7.68	≤ 7.85
11be-EHT40	MCS0	110	5550	1.653	0.776	1.363	1.272	95.93	7.48	≤ 7.85
11be-EHT40	MCS0	134	5670	1.829	0.744	1.850	1.532	95.93	7.71	≤ 7.85
11be-EHT40	MCS0	142	5710	2.154	0.974	1.506	0.787	95.93	7.59	≤ 7.85
11be-EHT80	MCS0	42	5210	2.449	2.514	2.069	1.844	92.92	8.57	≤ 13.96
11be-EHT80	MCS0	58	5290	-1.642	-1.171	-1.410	-1.332	92.92	4.95	≤ 7.90
11be-EHT80	MCS0	106	5530	-0.782	-1.099	-1.002	-2.350	92.92	5.07	≤ 7.85
11be-EHT80	MCS0	122	5610	-0.625	-0.893	-0.293	-0.416	92.92	5.79	≤ 7.85
11be-EHT80	MCS0	138	5690	0.191	-0.331	-0.026	-0.577	92.92	6.16	≤ 7.85
11be-EHT160	MCS0	50	5250	-3.194	-3.909	-4.514	-4.273	88.10	2.63	≤ 7.90
11be-EHT160	MCS0	114	5570	-2.187	-2.830	-2.878	-3.042	88.10	3.85	≤ 7.85

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

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

Note 2:

For 5125 - 5250MHz Band: PSD Limit (dBm/MHz) = 17 - (9.04 - 6) = 13.96dBm/MHz

For 5250 - 5350MHz Band: Average Power Limit (dBm) = 11 - (9.10 - 6) = 7.90dBm/MHz.

For 5470 - 5725MHz Band: Average Power Limit (dBm) = 11 - (9.15 - 6) = 7.85dBm/MHz.

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2023-02-15		
Test Item	Power Spectral Density (UNII-Band 3)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ 510KHz)				Duty Cycle (%)	Total PSD (dBm/ 510KHz)	PSD Limit (dBm/ 500KHz)
				Ant 0	Ant 1	Ant 2	Ant 3			
11a	6Mbps	149	5745	8.227	8.320	8.139	7.770	94.71	14.38	≤ 27.01
11a	6Mbps	157	5785	8.254	8.336	8.143	7.859	94.71	14.41	≤ 27.01
11a	6Mbps	165	5825	8.651	8.494	7.986	7.421	94.71	14.42	≤ 27.01
11ac-VHT20	MCS0	149	5745	7.771	8.297	8.021	7.711	98.21	13.98	≤ 27.01
11ac-VHT20	MCS0	157	5785	8.141	8.296	7.852	7.720	98.21	14.03	≤ 27.01
11ac-VHT20	MCS0	165	5825	8.269	8.607	7.992	7.617	98.21	14.16	≤ 27.01
11ac-VHT40	MCS0	151	5755	5.961	5.874	6.525	5.775	96.65	12.21	≤ 27.01
11ac-VHT40	MCS0	159	5795	5.637	5.696	5.926	5.747	96.65	11.92	≤ 27.01
11ac-VHT80	MCS0	155	5775	3.150	2.626	2.255	2.055	93.78	8.84	≤ 27.01
11ax-HE20	MCS0	149	5745	8.133	8.644	8.294	7.899	97.76	14.37	≤ 27.01
11ax-HE20	MCS0	157	5785	8.368	8.580	8.299	8.100	97.76	14.46	≤ 27.01
11ax-HE20	MCS0	165	5825	8.922	9.049	8.523	7.782	97.76	14.72	≤ 27.01
11ax-HE40	MCS0	151	5755	5.769	5.872	6.421	5.912	95.81	12.21	≤ 27.01
11ax-HE40	MCS0	159	5795	6.426	6.178	6.596	6.046	95.81	12.52	≤ 27.01
11ax-HE80	MCS0	155	5775	2.804	2.559	2.149	1.600	92.99	8.64	≤ 27.01
11be-EHT20	MCS0	149	5745	8.109	8.699	8.423	8.004	97.51	14.45	≤ 27.01
11be-EHT20	MCS0	157	5785	8.528	8.707	8.324	7.971	97.51	14.52	≤ 27.01
11be-EHT20	MCS0	165	5825	8.620	9.054	8.433	7.806	97.51	14.63	≤ 27.01
11be-EHT40	MCS0	151	5755	5.883	5.900	6.427	5.843	95.93	12.22	≤ 27.01
11be-EHT40	MCS0	159	5795	5.729	5.641	6.013	5.942	95.93	12.03	≤ 27.01
11be-EHT80	MCS0	155	5775	2.737	2.017	1.759	1.806	92.92	8.44	≤ 27.01

Note 1:

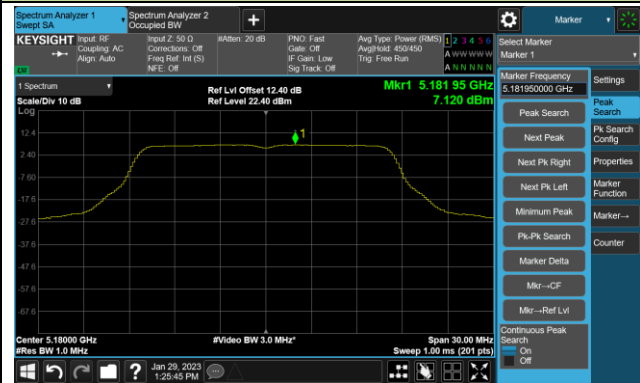
When EUT duty cycle < 98%, the total PSD (dBm/510kHz) = $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)} + 10^{(\text{Ant 3 AVGPSD}/10)}\} + 10 \cdot \log (1/\text{Duty cycle})$.

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

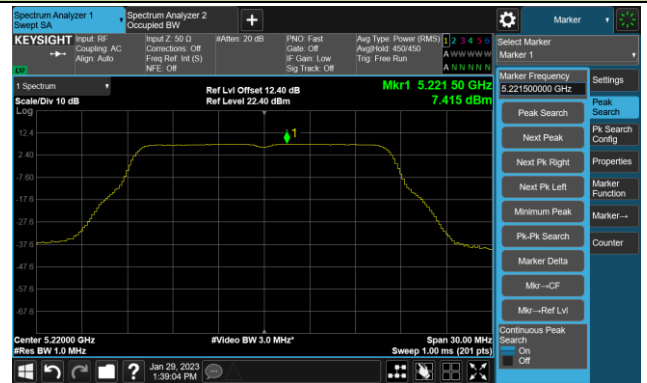
Note 2: PSD Limit (dBm/500KHz) = 30 - (8.99 - 6) = 27.01dBm/500KHz.

802.11a Power Spectral Density- Ant 0

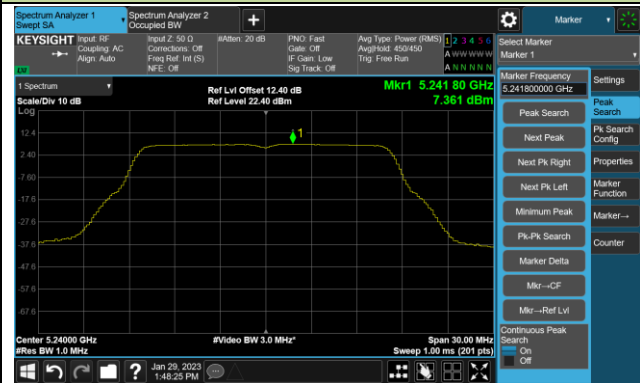
Channel 36 (5180MHz)



Channel 44 (5220MHz)



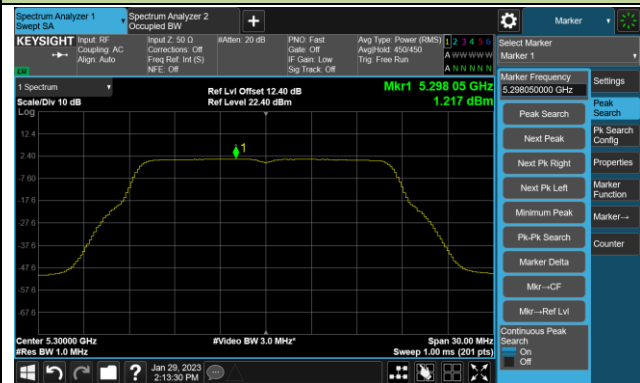
Channel 48 (5240MHz)



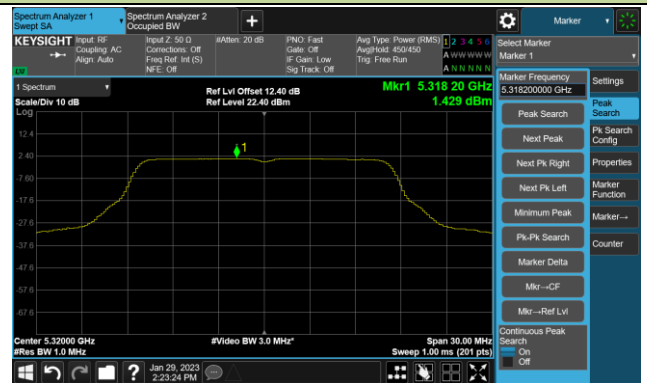
Channel 52 (5260MHz)



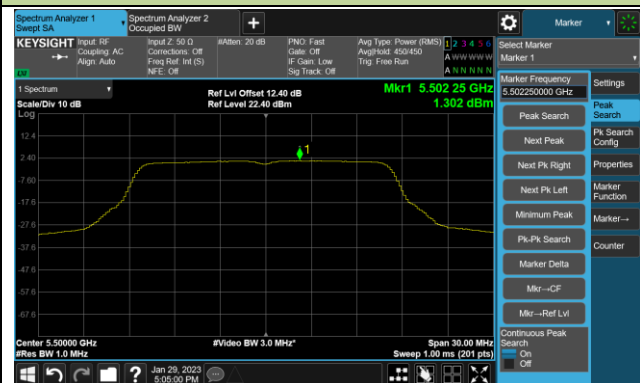
Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 116 (5580MHz)

