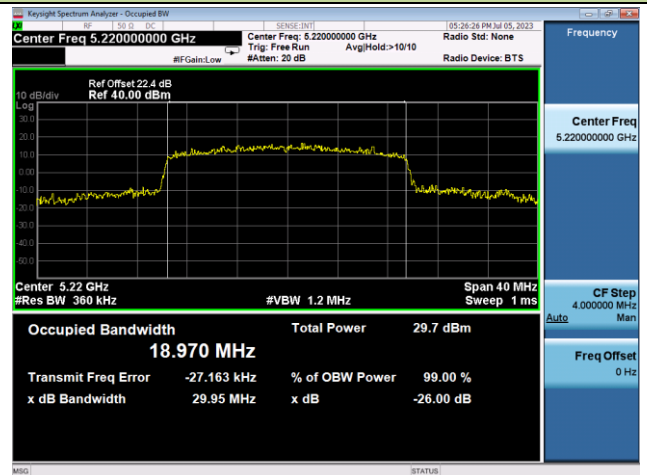


802.11ax-HE20 26dB Bandwidth & 99% Bandwidth

Channel 36 (5180MHz)



Channel 44 (5220MHz)



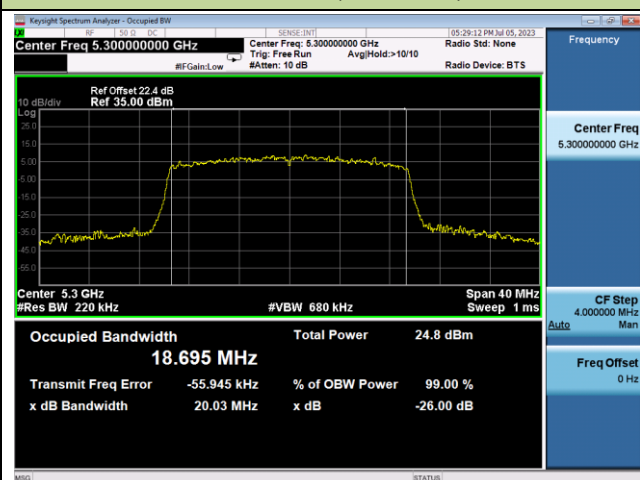
Channel 48 (5240MHz)



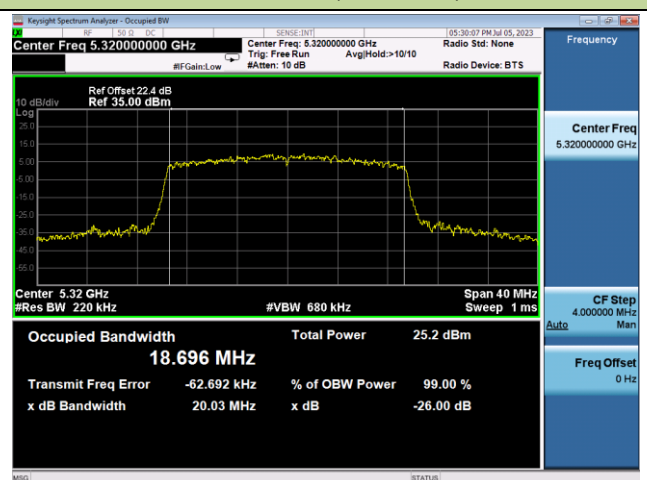
Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)

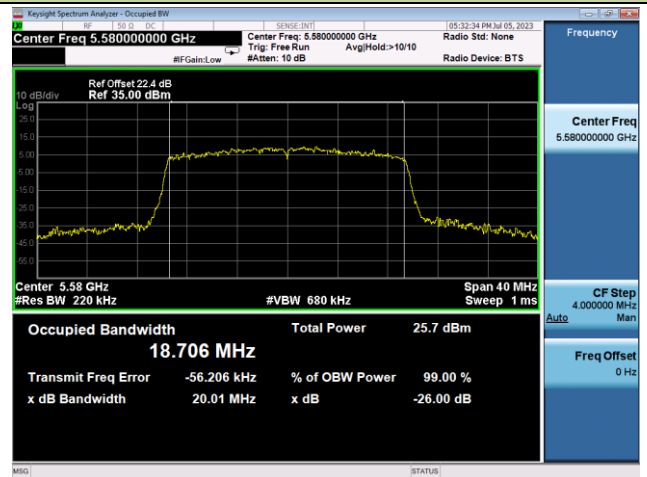


802.11ax-HE20 26dB Bandwidth & 99% Bandwidth

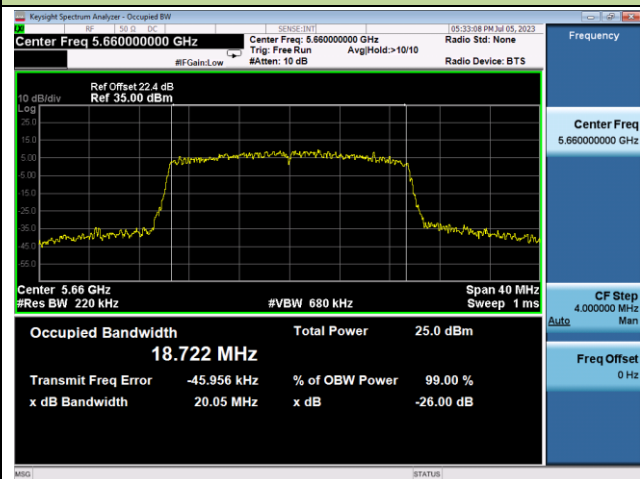
Channel 100 (5500MHz)



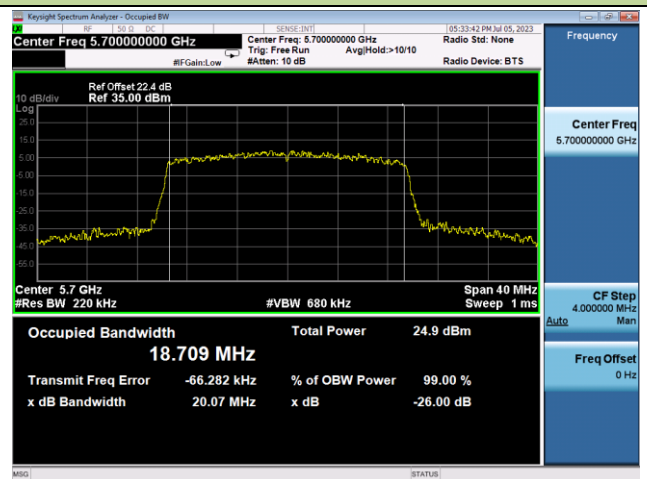
Channel 116 (5580MHz)



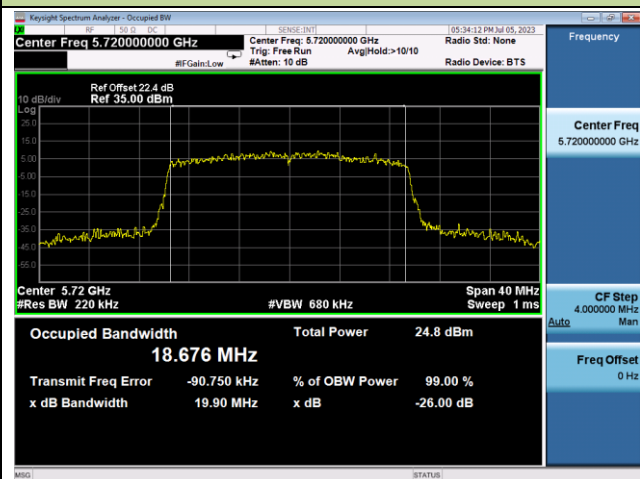
Channel 132 (5660MHz)



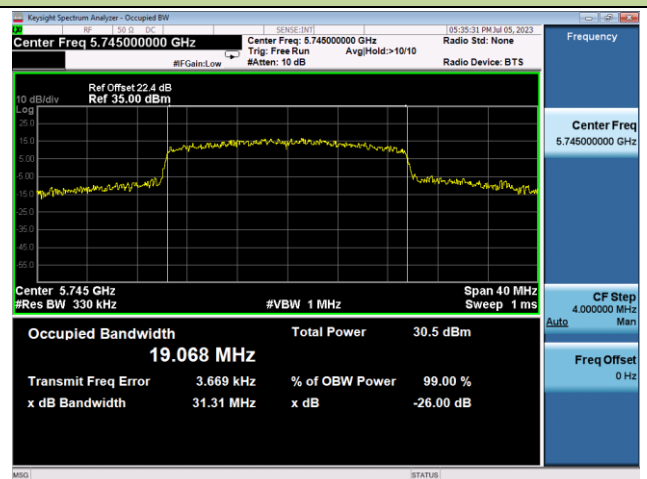
Channel 140 (5700MHz)

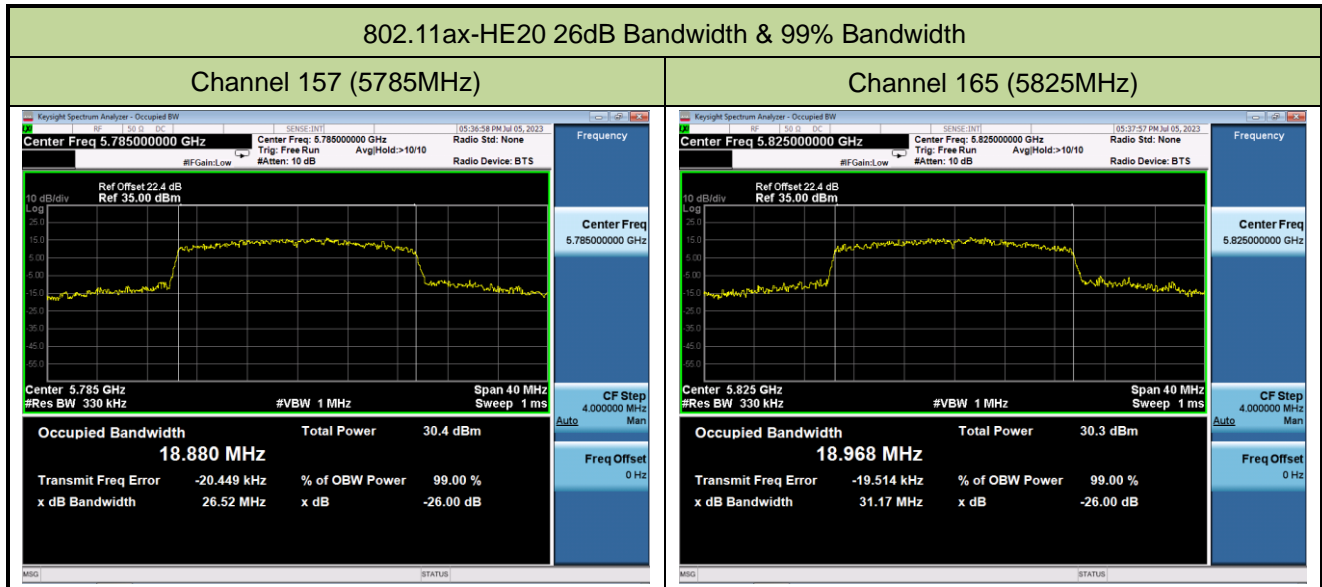


Channel 144(5720MHz)



Channel 149 (5745MHz)



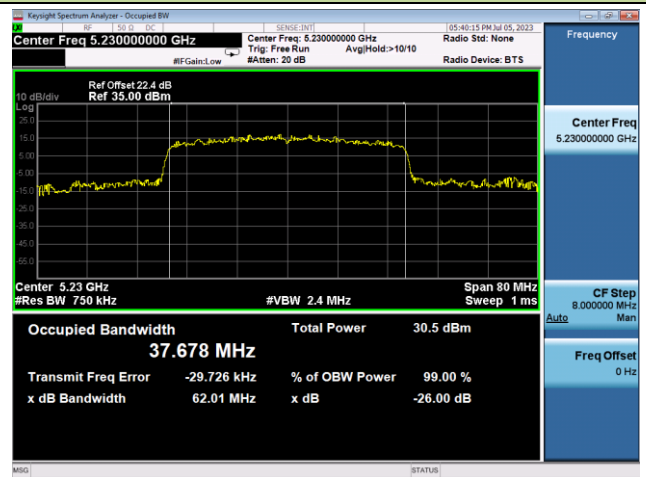


802.11ax-HE40 26dB Bandwidth & 99% Bandwidth

Channel 38 (5190MHz)



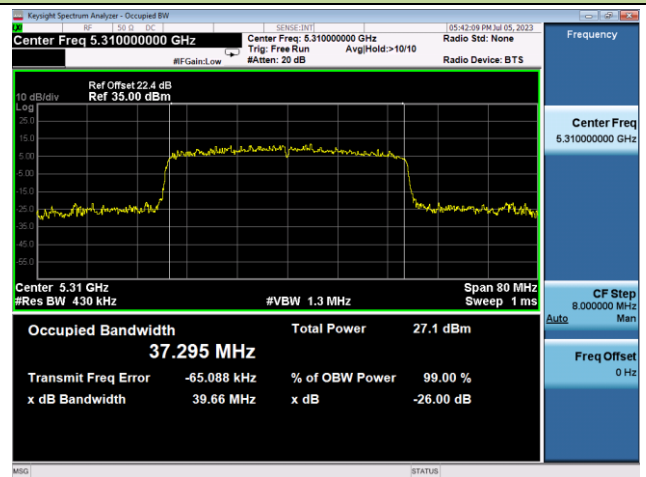
Channel 46 (5230MHz)



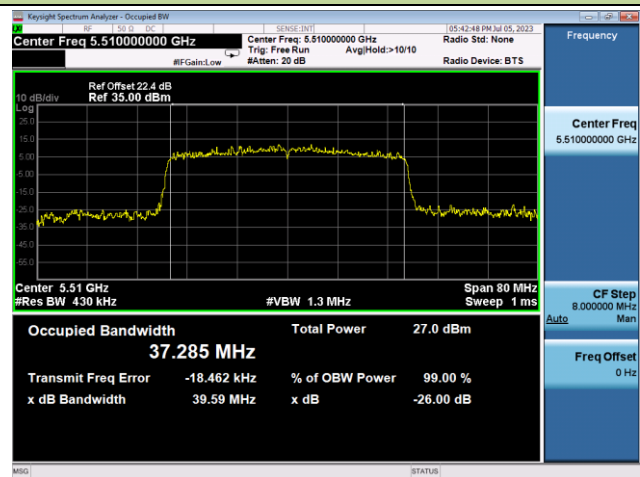
Channel 54 (5270MHz)



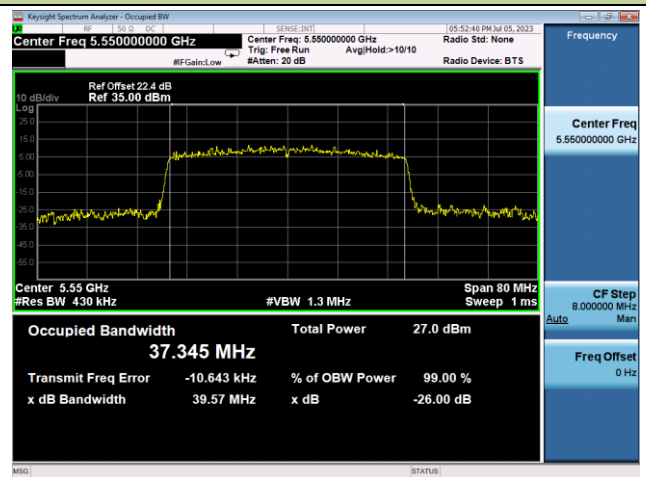
Channel 62 (5310MHz)



Channel 102 (5510MHz)

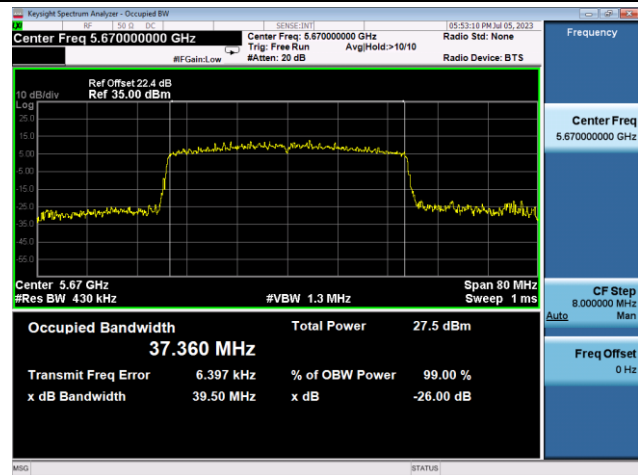


Channel 110 (5550MHz)

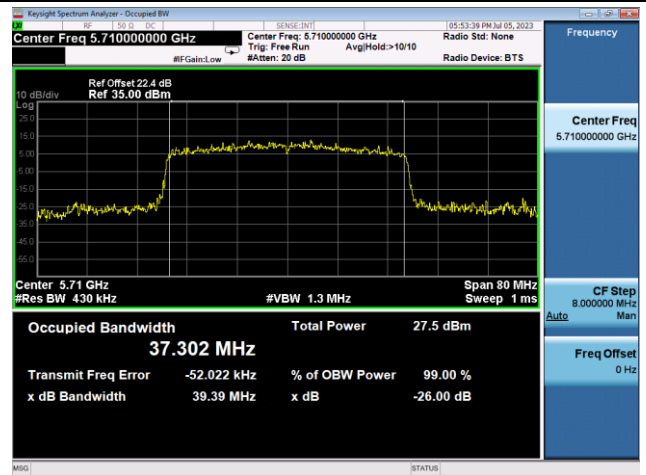


802.11ax-HE40 26dB Bandwidth & 99% Bandwidth

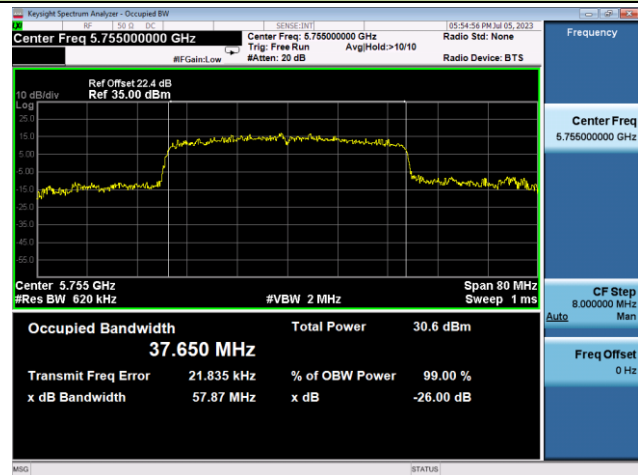
Channel 134 (5670MHz)



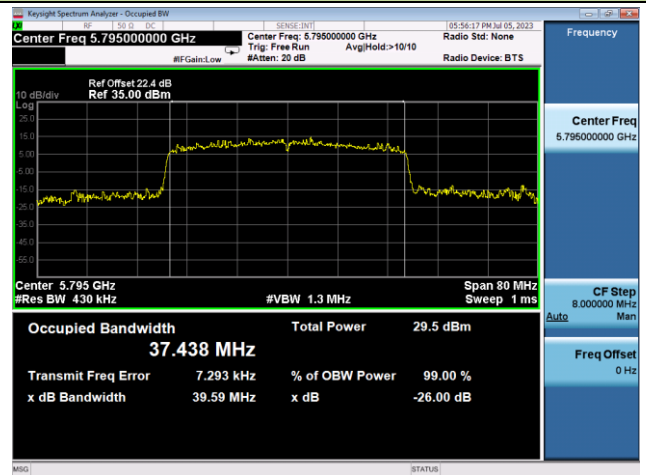
Channel 142(5710MHz)



Channel 151 (5755MHz)

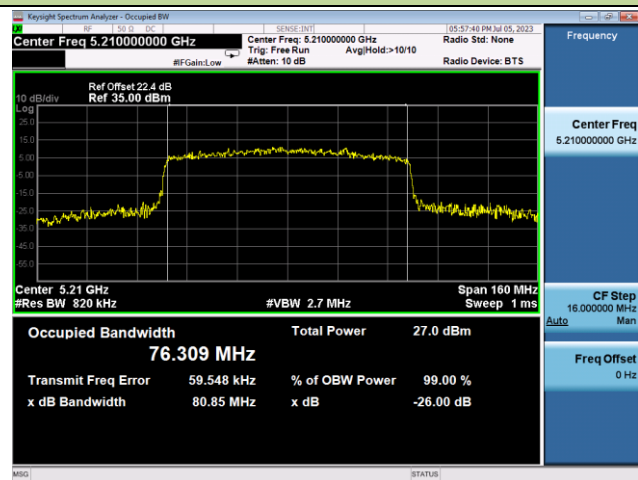


Channel 159 (5795MHz)

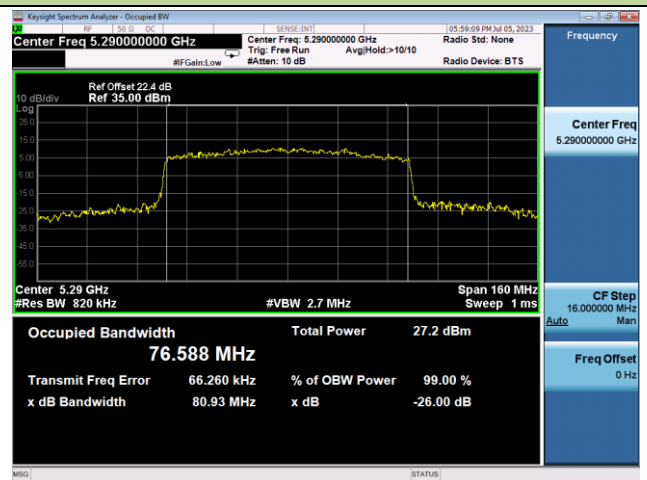


802.11ax-HE80 26dB Bandwidth & 99% Bandwidth

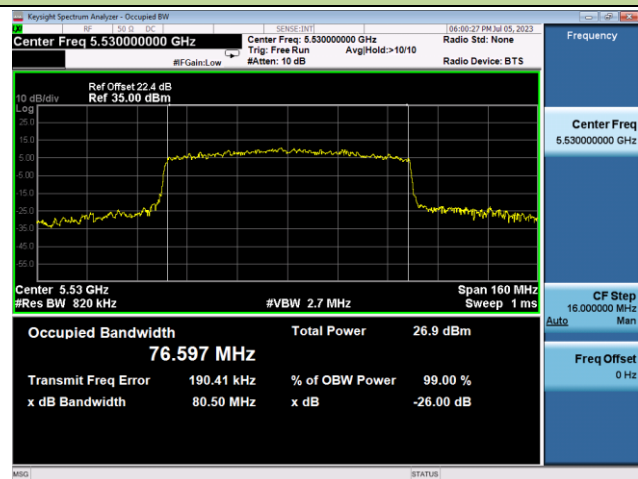
Channel 42 (5210MHz)



Channel 58 (5290MHz)



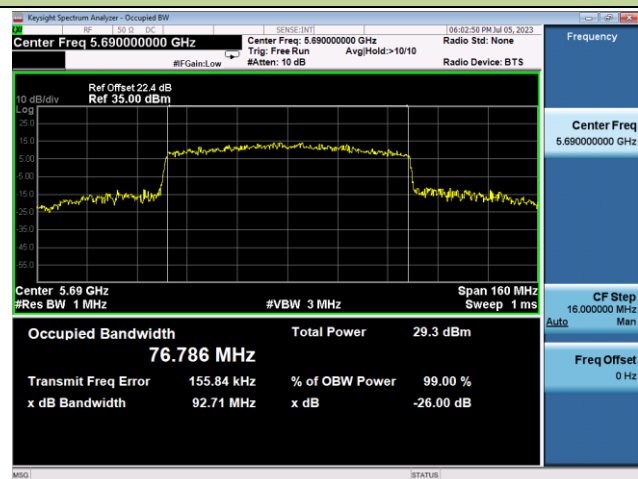
Channel 106 (5530MHz)



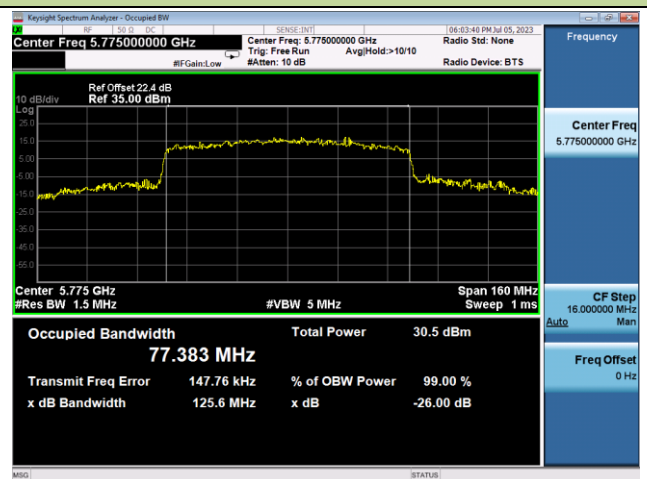
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



A.3 6dB Bandwidth Test Result

Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2023-07-05		

Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
11a	6Mbps	149	5745	14.10	≥0.5
11a	6Mbps	157	5785	14.48	≥0.5
11a	6Mbps	165	5825	15.10	≥0.5
11ac-VHT20	MCS0	149	5745	16.41	≥0.5
11ac-VHT20	MCS0	157	5785	14.48	≥0.5
11ac-VHT20	MCS0	165	5825	15.43	≥0.5
11ac-VHT40	MCS0	151	5755	32.60	≥0.5
11ac-VHT40	MCS0	159	5795	35.11	≥0.5
11ac-VHT80	MCS0	155	5775	72.58	≥0.5
11ax-HE20	MCS0	149	5745	15.08	≥0.5
11ax-HE20	MCS0	157	5785	15.09	≥0.5
11ax-HE20	MCS0	165	5825	16.31	≥0.5
11ax-HE40	MCS0	151	5755	35.14	≥0.5
11ax-HE40	MCS0	159	5795	32.61	≥0.5
11ax-HE80	MCS0	155	5775	75.10	≥0.5

802.11a 6dB Bandwidth

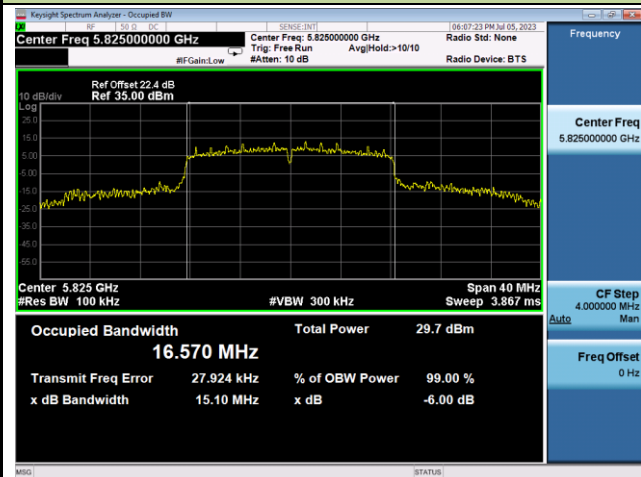
Channel 149 (5745MHz)



Channel 157 (5785MHz)

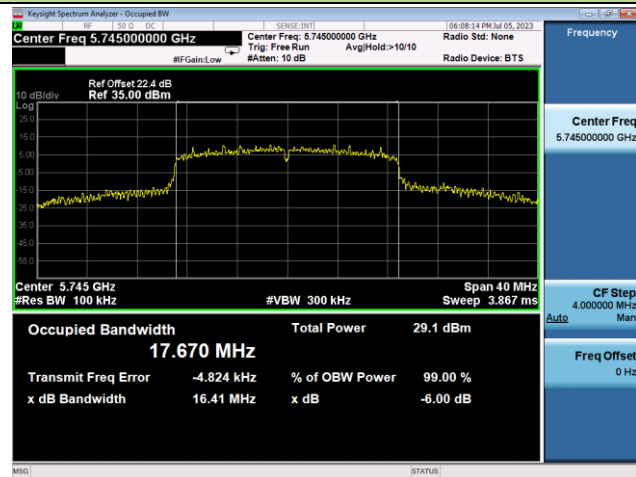


Channel 165 (5825MHz)



802.11ac-VHT20 6dB Bandwidth

Channel 149 (5745MHz)



Channel 157 (5785MHz)

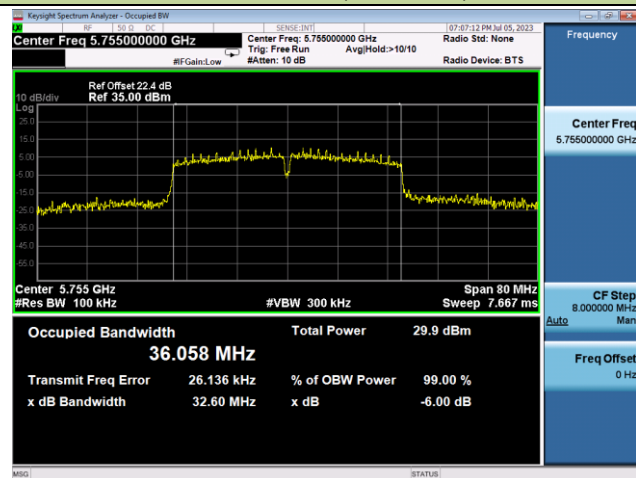


Channel 165 (5825MHz)

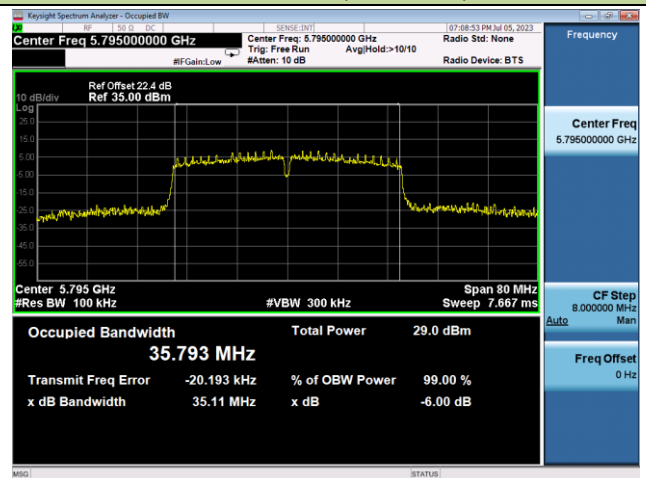


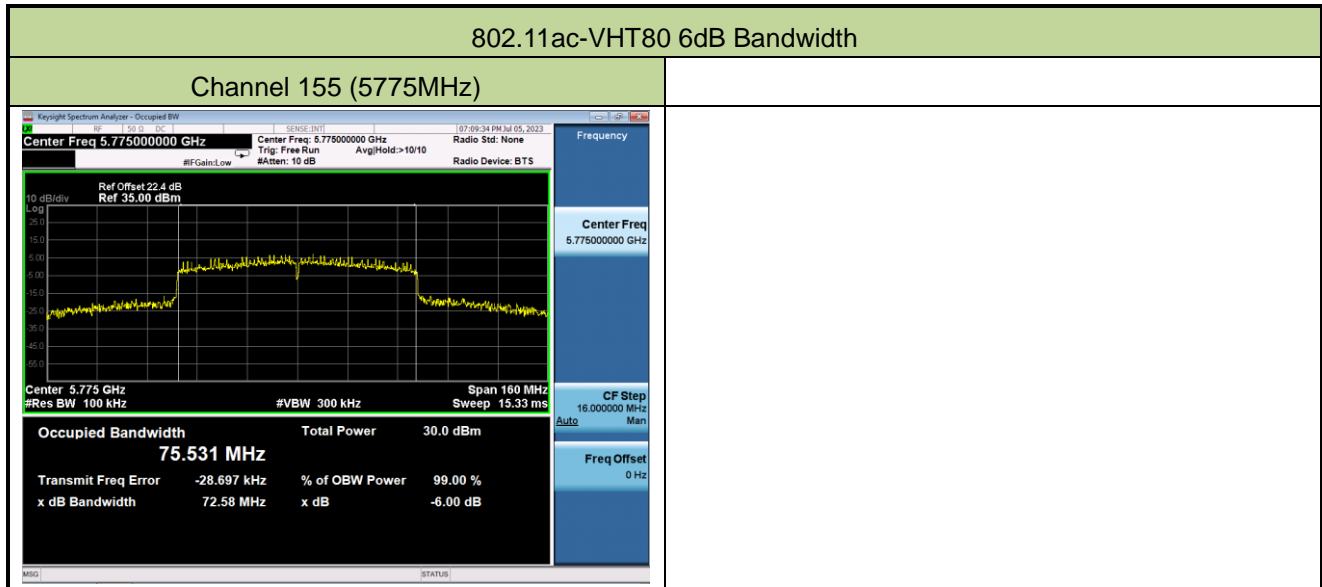
802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)



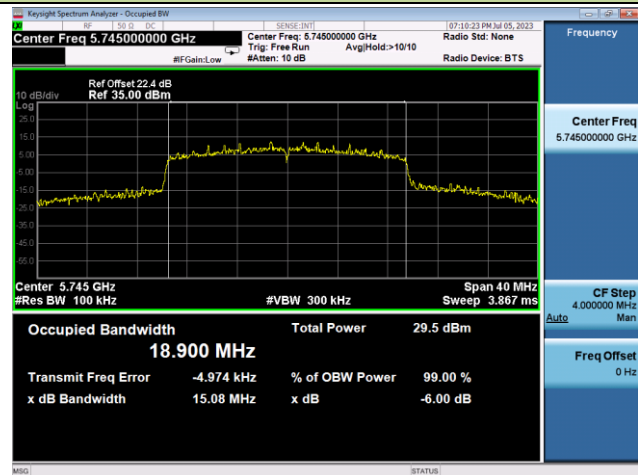
Channel 159 (5795MHz)



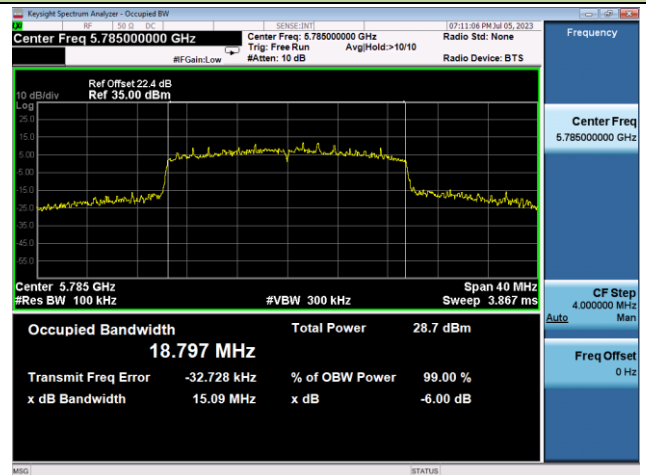


802.11ax-HE20 6dB Bandwidth

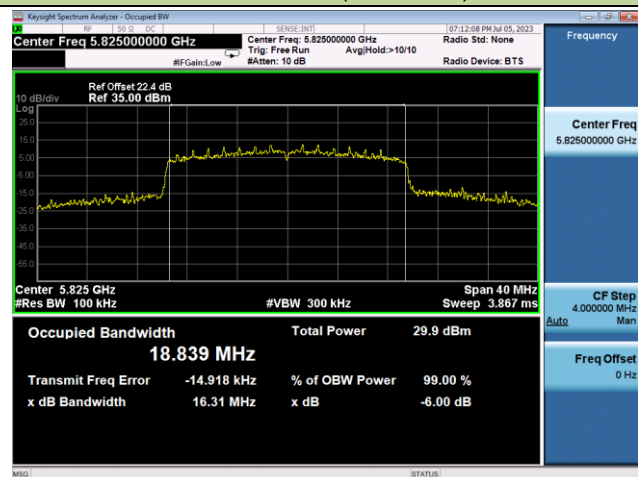
Channel 149 (5745MHz)



Channel 157 (5785MHz)

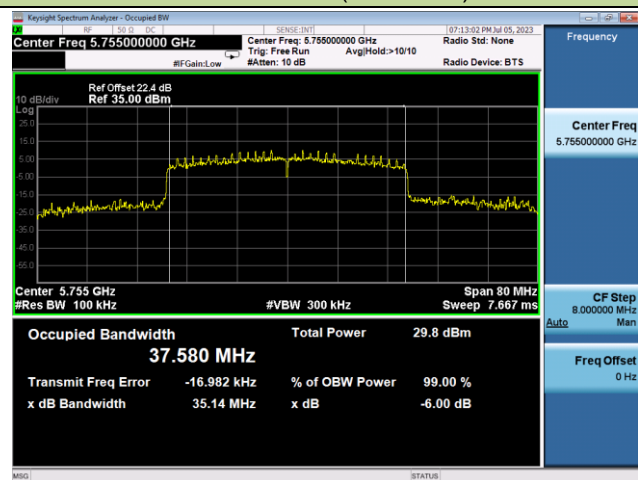


Channel 165 (5825MHz)

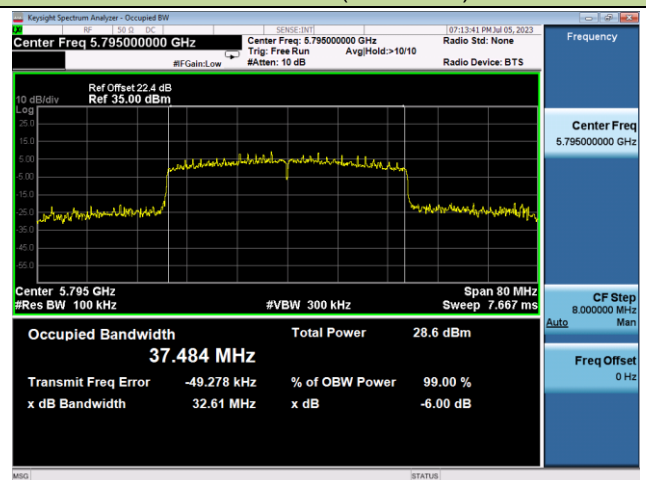


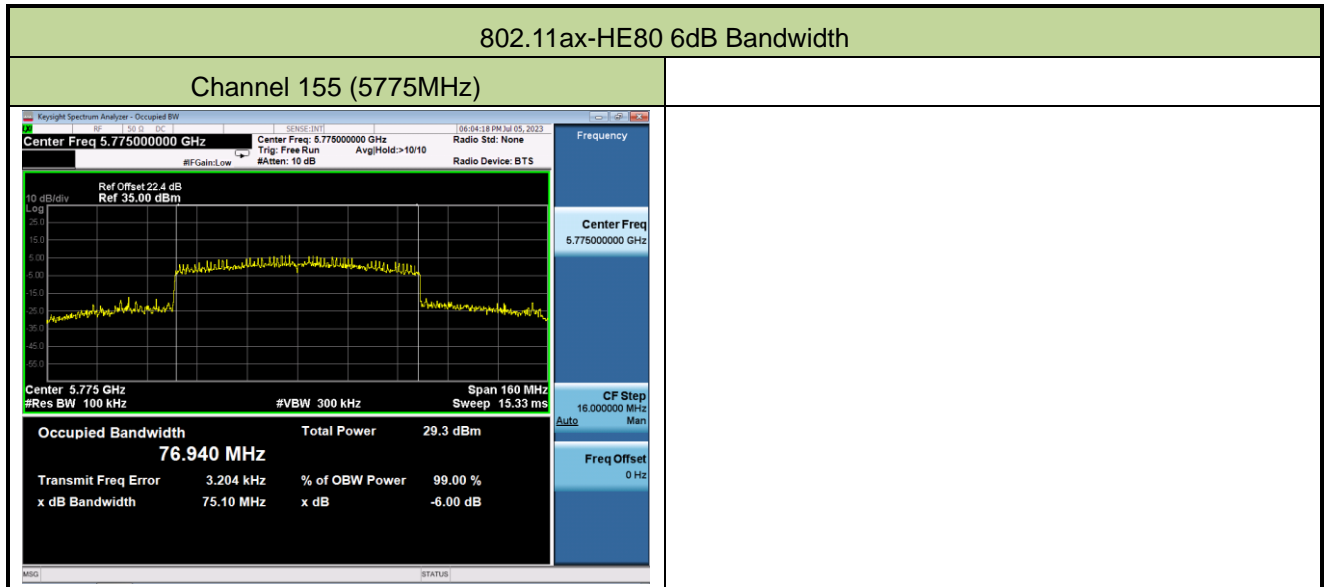
802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)



Channel 159 (5795MHz)





A.4 Output Power Test Result

Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2023-07-05	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		
11a	6Mbps	36	5180	22.49	22.69	25.60	≤ 30.00
11a	6Mbps	44	5220	22.48	22.65	25.58	≤ 30.00
11a	6Mbps	48	5240	22.65	22.85	25.76	≤ 30.00
11a	6Mbps	52	5260	17.42	17.88	20.67	≤ 23.53
11a	6Mbps	60	5300	17.46	18.21	20.86	≤ 23.53
11a	6Mbps	64	5320	17.52	17.93	20.74	≤ 23.53
11a	6Mbps	100	5500	17.42	17.22	20.33	≤ 23.53
11a	6Mbps	116	5580	17.32	17.58	20.46	≤ 23.53
11a	6Mbps	140	5700	17.53	17.57	20.56	≤ 23.53
11a	6Mbps	144	5720	17.33	17.55	20.45	≤ 22.46
11a	6Mbps	149	5745	22.57	22.56	25.58	≤ 30.00
11a	6Mbps	157	5785	22.99	22.50	25.76	≤ 30.00
11a	6Mbps	165	5825	22.81	22.83	25.83	≤ 30.00
11ac-VHT20	MCS0	36	5180	22.26	22.56	25.42	≤ 30.00
11ac-VHT20	MCS0	44	5220	22.58	22.74	25.67	≤ 30.00
11ac-VHT20	MCS0	48	5240	22.63	22.82	25.74	≤ 30.00
11ac-VHT20	MCS0	52	5260	17.38	17.64	20.52	≤ 23.75
11ac-VHT20	MCS0	60	5300	17.43	17.91	20.69	≤ 23.75
11ac-VHT20	MCS0	64	5320	17.35	17.68	20.53	≤ 23.75
11ac-VHT20	MCS0	100	5500	17.15	17.19	20.18	≤ 23.75
11ac-VHT20	MCS0	116	5580	17.16	17.30	20.24	≤ 23.75
11ac-VHT20	MCS0	140	5700	17.67	18.16	20.93	≤ 23.75
11ac-VHT20	MCS0	144	5720	17.69	17.89	20.80	≤ 22.61
11ac-VHT20	MCS0	149	5745	22.46	22.48	25.48	≤ 30.00
11ac-VHT20	MCS0	157	5785	22.98	22.46	25.74	≤ 30.00
11ac-VHT20	MCS0	165	5825	22.72	22.79	25.77	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11ac-VHT40	MCS0	38	5190	19.95	19.97	22.97	≤ 30.00
11ac-VHT40	MCS0	46	5230	22.47	22.51	25.50	≤ 30.00
11ac-VHT40	MCS0	54	5270	20.57	20.81	23.70	≤ 23.98
11ac-VHT40	MCS0	62	5310	19.52	19.92	22.73	≤ 23.98
11ac-VHT40	MCS0	102	5510	20.01	19.90	22.97	≤ 23.98
11ac-VHT40	MCS0	110	5550	20.20	20.06	23.14	≤ 23.98
11ac-VHT40	MCS0	134	5670	20.46	20.44	23.46	≤ 23.98
11ac-VHT40	MCS0	142	5710	20.45	20.65	23.56	≤ 23.98
11ac-VHT40	MCS0	151	5755	22.98	22.87	25.94	≤ 30.00
11ac-VHT40	MCS0	159	5795	22.54	21.63	25.12	≤ 30.00
11ac-VHT80	MCS0	42	5210	17.35	17.52	20.45	≤ 30.00
11ac-VHT80	MCS0	58	5290	18.06	18.23	21.16	≤ 23.98
11ac-VHT80	MCS0	106	5530	16.85	16.89	19.88	≤ 23.98
11ac-VHT80	MCS0	122	5610	19.60	19.37	22.50	≤ 23.98
11ac-VHT80	MCS0	138	5690	20.69	20.75	23.73	≤ 23.98
11ac-VHT80	MCS0	155	5775	22.86	22.24	25.57	≤ 30.00
11ax-HE20	MCS0	36	5180	22.56	22.72	25.65	≤ 30.00
11ax-HE20	MCS0	44	5220	22.37	22.53	25.46	≤ 30.00
11ax-HE20	MCS0	48	5240	22.39	22.45	25.43	≤ 30.00
11ax-HE20	MCS0	52	5260	17.05	17.26	20.17	≤ 23.98
11ax-HE20	MCS0	60	5300	17.16	17.57	20.38	≤ 23.98
11ax-HE20	MCS0	64	5320	17.61	17.98	20.81	≤ 23.98
11ax-HE20	MCS0	100	5500	17.57	17.36	20.48	≤ 23.98
11ax-HE20	MCS0	116	5580	17.35	17.61	20.49	≤ 23.98
11ax-HE20	MCS0	140	5700	17.58	17.73	20.67	≤ 23.98
11ax-HE20	MCS0	144	5720	17.47	17.63	20.56	≤ 22.75
11ax-HE20	MCS0	149	5745	22.60	22.75	25.69	≤ 30.00
11ax-HE20	MCS0	157	5785	22.61	22.31	25.47	≤ 30.00
11ax-HE20	MCS0	165	5825	22.36	22.53	25.46	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11ax-HE40	MCS0	38	5190	19.92	19.91	22.93	≤ 30.00
11ax-HE40	MCS0	46	5230	22.37	22.42	25.41	≤ 30.00
11ax-HE40	MCS0	54	5270	20.61	20.71	23.67	≤ 23.98
11ax-HE40	MCS0	62	5310	19.54	19.95	22.76	≤ 23.98
11ax-HE40	MCS0	102	5510	19.92	19.94	22.94	≤ 23.98
11ax-HE40	MCS0	110	5550	20.03	20.01	23.03	≤ 23.98
11ax-HE40	MCS0	134	5670	20.42	20.33	23.39	≤ 23.98
11ax-HE40	MCS0	142	5710	20.34	20.54	23.45	≤ 23.98
11ax-HE40	MCS0	151	5755	22.72	22.63	25.69	≤ 30.00
11ax-HE40	MCS0	159	5795	22.83	22.00	25.45	≤ 30.00
11ax-HE80	MCS0	42	5210	19.14	19.27	22.22	≤ 30.00
11ax-HE80	MCS0	58	5290	19.06	19.08	22.08	≤ 23.98
11ax-HE80	MCS0	106	5530	18.74	18.64	21.70	≤ 23.98
11ax-HE80	MCS0	122	5610	20.86	20.70	23.79	≤ 23.98
11ax-HE80	MCS0	138	5690	20.75	20.88	23.83	≤ 23.98
11ax-HE80	MCS0	155	5775	22.32	21.96	25.15	≤ 30.00

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

Note 2: For Band-Crossing channel, Average Power Limit = 23.98dBm or $11 + 10 \cdot \log_{10} \text{EBW}_{2C}$ which is less.

Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2023-07-05	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		
11ac-VHT20	MCS0	36	5180	22.26	22.56	25.42	≤ 29.99
11ac-VHT20	MCS0	44	5220	22.58	22.74	25.67	≤ 29.99
11ac-VHT20	MCS0	48	5240	22.63	22.82	25.74	≤ 29.99
11ac-VHT20	MCS0	52	5260	17.38	17.64	20.52	≤ 23.74
11ac-VHT20	MCS0	60	5300	17.43	17.91	20.69	≤ 23.74
11ac-VHT20	MCS0	64	5320	17.35	17.68	20.53	≤ 23.74
11ac-VHT20	MCS0	100	5500	17.15	17.19	20.18	≤ 23.74
11ac-VHT20	MCS0	116	5580	17.16	17.30	20.24	≤ 23.74
11ac-VHT20	MCS0	140	5700	17.67	18.16	20.93	≤ 23.74
11ac-VHT20	MCS0	144	5720	17.69	17.89	20.80	≤ 22.60
11ac-VHT20	MCS0	149	5745	22.46	22.48	25.48	≤ 29.99
11ac-VHT20	MCS0	157	5785	22.98	22.46	25.74	≤ 29.99
11ac-VHT20	MCS0	165	5825	22.72	22.79	25.77	≤ 29.99
11ac-VHT40	MCS0	38	5190	19.95	19.97	22.97	≤ 29.99
11ac-VHT40	MCS0	46	5230	22.47	22.51	25.50	≤ 29.99
11ac-VHT40	MCS0	54	5270	20.57	20.81	23.70	≤ 23.97
11ac-VHT40	MCS0	62	5310	19.52	19.92	22.73	≤ 23.97
11ac-VHT40	MCS0	102	5510	20.01	19.90	22.97	≤ 23.97
11ac-VHT40	MCS0	110	5550	20.20	20.06	23.14	≤ 23.97
11ac-VHT40	MCS0	134	5670	20.46	20.44	23.46	≤ 23.97
11ac-VHT40	MCS0	142	5710	20.45	20.65	23.56	≤ 23.97
11ac-VHT40	MCS0	151	5755	22.98	22.87	25.94	≤ 29.99
11ac-VHT40	MCS0	159	5795	22.54	21.63	25.12	≤ 29.99
11ac-VHT80	MCS0	42	5210	17.35	17.52	20.45	≤ 29.99
11ac-VHT80	MCS0	58	5290	18.06	18.23	21.16	≤ 23.97
11ac-VHT80	MCS0	106	5530	16.85	16.89	19.88	≤ 23.97
11ac-VHT80	MCS0	122	5610	19.60	19.37	22.50	≤ 23.97
11ac-VHT80	MCS0	138	5690	20.69	20.75	23.73	≤ 23.97
11ac-VHT80	MCS0	155	5775	22.86	22.24	25.57	≤ 29.99

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11ax-HE20	MCS0	36	5180	22.56	22.72	25.65	≤ 29.99
11ax-HE20	MCS0	44	5220	22.37	22.53	25.46	≤ 29.99
11ax-HE20	MCS0	48	5240	22.39	22.45	25.43	≤ 29.99
11ax-HE20	MCS0	52	5260	17.05	17.26	20.17	≤ 23.97
11ax-HE20	MCS0	60	5300	17.16	17.57	20.38	≤ 23.97
11ax-HE20	MCS0	64	5320	17.61	17.98	20.81	≤ 23.97
11ax-HE20	MCS0	100	5500	17.57	17.36	20.48	≤ 23.97
11ax-HE20	MCS0	116	5580	17.35	17.61	20.49	≤ 23.97
11ax-HE20	MCS0	140	5700	17.58	17.73	20.67	≤ 23.97
11ax-HE20	MCS0	144	5720	17.47	17.63	20.56	≤ 22.74
11ax-HE20	MCS0	149	5745	22.60	22.75	25.69	≤ 29.99
11ax-HE20	MCS0	157	5785	22.61	22.31	25.47	≤ 29.99
11ax-HE20	MCS0	165	5825	22.36	22.53	25.46	≤ 29.99
11ax-HE40	MCS0	38	5190	19.92	19.91	22.93	≤ 29.99
11ax-HE40	MCS0	46	5230	22.37	22.42	25.41	≤ 29.99
11ax-HE40	MCS0	54	5270	20.61	20.71	23.67	≤ 23.97
11ax-HE40	MCS0	62	5310	19.54	19.95	22.76	≤ 23.97
11ax-HE40	MCS0	102	5510	19.92	19.94	22.94	≤ 23.97
11ax-HE40	MCS0	110	5550	20.03	20.01	23.03	≤ 23.97
11ax-HE40	MCS0	134	5670	20.42	20.33	23.39	≤ 23.97
11ax-HE40	MCS0	142	5710	20.34	20.54	23.45	≤ 23.97
11ax-HE40	MCS0	151	5755	22.72	22.63	25.69	≤ 29.99
11ax-HE40	MCS0	159	5795	22.83	22.00	25.45	≤ 29.99
11ax-HE80	MCS0	42	5210	19.14	19.27	22.22	≤ 29.99
11ax-HE80	MCS0	58	5290	19.06	19.08	22.08	≤ 23.97
11ax-HE80	MCS0	106	5530	18.74	18.64	21.70	≤ 23.97
11ax-HE80	MCS0	122	5610	20.86	20.70	23.79	≤ 23.97
11ax-HE80	MCS0	138	5690	20.75	20.88	23.83	≤ 23.97
11ax-HE80	MCS0	155	5775	22.32	21.96	25.15	≤ 29.99

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

Note 2: Power Limit (dBm) = [Limit (dBm) - (6.01 - 6)]dBm

A.5 Power Spectral Density Test Result

Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2023-06-27 ~ 2023-07-07		
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			
11a	6Mbps	36	5180	12.576	12.964	92.49	16.12	16.99
11a	6Mbps	44	5220	12.644	12.654	92.49	16.00	16.99
11a	6Mbps	48	5240	12.715	12.834	92.49	16.12	16.99
11a	6Mbps	52	5260	7.289	7.622	92.49	10.81	10.99
11a	6Mbps	60	5300	7.308	7.600	92.49	10.81	10.99
11a	6Mbps	64	5320	7.249	7.506	92.49	10.73	10.99
11a	6Mbps	100	5500	7.358	7.375	92.49	10.72	10.99
11a	6Mbps	116	5580	7.254	7.563	92.49	10.76	10.99
11a	6Mbps	140	5700	6.943	7.434	92.49	10.54	10.99
11a	6Mbps	144	5720	7.242	7.285	92.49	10.61	10.99
11ac-VHT20	MCS0	36	5180	12.518	12.710	92.00	15.99	16.99
11ac-VHT20	MCS0	44	5220	12.537	12.552	92.00	15.92	16.99
11ac-VHT20	MCS0	48	5240	12.426	12.381	92.00	15.78	16.99
11ac-VHT20	MCS0	52	5260	7.176	7.296	92.00	10.61	10.99
11ac-VHT20	MCS0	60	5300	7.040	7.301	92.00	10.54	10.99
11ac-VHT20	MCS0	64	5320	6.993	7.255	92.00	10.50	10.99
11ac-VHT20	MCS0	100	5500	7.132	6.841	92.00	10.36	10.99
11ac-VHT20	MCS0	116	5580	6.972	7.233	92.00	10.48	10.99
11ac-VHT20	MCS0	140	5700	7.198	7.557	92.00	10.75	10.99
11ac-VHT20	MCS0	144	5720	7.146	7.615	92.00	10.76	10.99
11ac-VHT40	MCS0	38	5190	6.758	6.558	85.28	10.36	16.99
11ac-VHT40	MCS0	46	5230	9.025	9.131	85.28	12.78	16.99
11ac-VHT40	MCS0	54	5270	6.991	7.207	85.28	10.80	10.99
11ac-VHT40	MCS0	62	5310	5.766	6.233	85.28	9.71	10.99
11ac-VHT40	MCS0	102	5510	6.602	6.463	85.28	10.23	10.99
11ac-VHT40	MCS0	110	5550	6.861	6.638	85.28	10.45	10.99
11ac-VHT40	MCS0	134	5670	7.229	6.911	85.28	10.77	10.99
11ac-VHT40	MCS0	142	5710	6.905	7.080	85.28	10.70	10.99

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD		Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				(dBm/ MHz)				
				Ant 0	Ant 1			
11ac-VHT80	MCS0	42	5210	1.167	1.541	74.92	5.62	16.99
11ac-VHT80	MCS0	58	5290	2.106	2.317	74.92	6.48	10.99
11ac-VHT80	MCS0	106	5530	1.200	1.067	74.92	5.40	10.99
11ac-VHT80	MCS0	122	5610	3.675	3.216	74.92	7.72	10.99
11ac-VHT80	MCS0	138	5690	4.445	4.636	74.92	8.81	10.99
11ax-HE20	MCS0	36	5180	12.515	12.851	90.07	16.15	16.99
11ax-HE20	MCS0	44	5220	12.250	12.409	90.07	15.79	16.99
11ax-HE20	MCS0	48	5240	11.941	12.248	90.07	15.56	16.99
11ax-HE20	MCS0	52	5260	6.870	7.086	90.07	10.44	10.99
11ax-HE20	MCS0	60	5300	6.850	7.177	90.07	10.48	10.99
11ax-HE20	MCS0	64	5320	7.150	7.538	90.07	10.81	10.99
11ax-HE20	MCS0	100	5500	7.396	7.210	90.07	10.77	10.99
11ax-HE20	MCS0	116	5580	7.213	7.565	90.07	10.86	10.99
11ax-HE20	MCS0	140	5700	7.189	7.289	90.07	10.70	10.99
11ax-HE20	MCS0	144	5720	6.951	7.102	90.07	10.49	10.99
11ax-HE40	MCS0	38	5190	6.614	6.218	83.33	10.22	16.99
11ax-HE40	MCS0	46	5230	9.036	8.794	83.33	12.72	16.99
11ax-HE40	MCS0	54	5270	6.985	6.928	83.33	10.76	10.99
11ax-HE40	MCS0	62	5310	5.751	5.877	83.33	9.62	10.99
11ax-HE40	MCS0	102	5510	6.235	6.031	83.33	9.94	10.99
11ax-HE40	MCS0	110	5550	6.715	6.722	83.33	10.52	10.99
11ax-HE40	MCS0	134	5670	6.864	6.806	83.33	10.64	10.99
11ax-HE40	MCS0	142	5710	6.653	6.780	83.33	10.52	10.99
11ax-HE80	MCS0	42	5210	2.376	2.404	72.81	6.78	16.99
11ax-HE80	MCS0	58	5290	2.013	1.955	72.81	6.37	10.99
11ax-HE80	MCS0	106	5530	2.069	1.673	72.81	6.26	10.99
11ax-HE80	MCS0	122	5610	4.407	3.856	72.81	8.53	10.99
11ax-HE80	MCS0	138	5690	4.041	3.786	72.81	8.30	10.99

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

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

Note 2:

For 5125 - 5250MHz Band: PSD Limit (dBm/MHz) = 17 - (6.01 - 6) = 16.99dBm/MHz

For 5250 - 5350MHz Band: Average Power Limit (dBm) = 11 - (6.01 - 6) = 10.99dBm/MHz.

For 5470 - 5725MHz Band: Average Power Limit (dBm) = 11 - (6.01 - 6) = 10.99dBm/MHz.

Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2023-06-27 ~ 2023-07-07		
Test Item	Power Spectral Density (UNII-Band 3) (Nss = 1)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ 500KHz)		Duty Cycle (%)	Total PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)
				Ant 0	Ant 1			
11a	6Mbps	149	5745	9.410	9.239	92.49	12.67	≤ 29.99
11a	6Mbps	157	5785	9.914	9.370	92.49	13.00	≤ 29.99
11a	6Mbps	165	5825	9.835	9.772	92.49	13.15	≤ 29.99
11ac-VHT20	MCS0	149	5745	9.084	9.236	92.00	12.53	≤ 29.99
11ac-VHT20	MCS0	157	5785	9.578	9.028	92.00	12.68	≤ 29.99
11ac-VHT20	MCS0	165	5825	9.455	9.522	92.00	12.86	≤ 29.99
11ac-VHT40	MCS0	151	5755	6.482	6.250	85.28	10.07	≤ 29.99
11ac-VHT40	MCS0	159	5795	6.094	5.099	85.28	9.33	≤ 29.99
11ac-VHT80	MCS0	155	5775	3.058	2.568	74.92	7.08	≤ 29.99
11ax-HE20	MCS0	149	5745	9.423	9.241	90.07	12.80	≤ 29.99
11ax-HE20	MCS0	157	5785	9.429	8.766	90.07	12.57	≤ 29.99
11ax-HE20	MCS0	165	5825	8.969	9.378	90.07	12.64	≤ 29.99
11ax-HE40	MCS0	151	5755	6.041	5.862	83.33	9.75	≤ 29.99
11ax-HE40	MCS0	159	5795	5.955	5.282	83.33	9.43	≤ 29.99
11ax-HE80	MCS0	155	5775	2.513	1.952	72.81	6.63	≤ 29.99

Note 1:

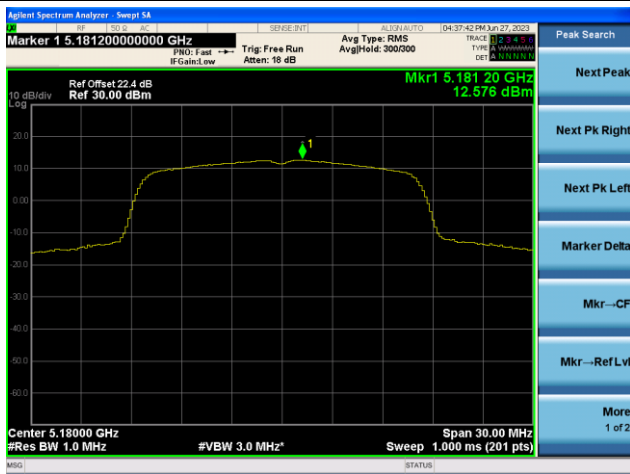
When EUT duty cycle < 98%, the total PSD (dBm/510kHz) = $10 \cdot \log \{10^{(\text{Ant } 0 \text{ AVGPSD}/10)} + 10^{(\text{Ant } 1 \text{ AVGPSD}/10)}\} + 10 \cdot \log (1/\text{Duty cycle})$.

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

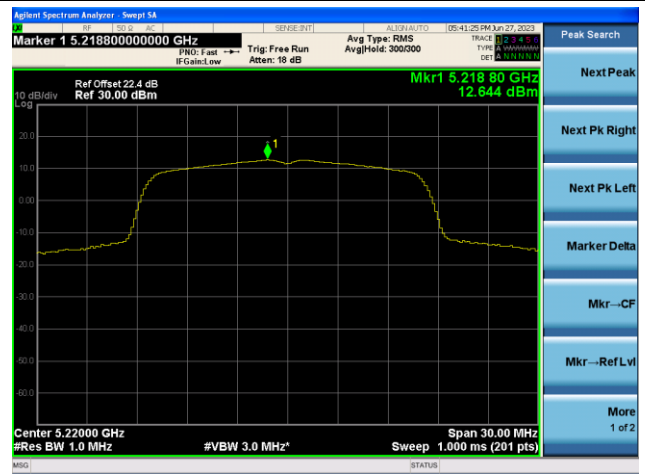
Note 2: PSD Limit (dBm/500KHz) = 30 - (6.01 - 6) = 29.99dBm/MHz.

802.11a Power Spectral Density- Ant 0

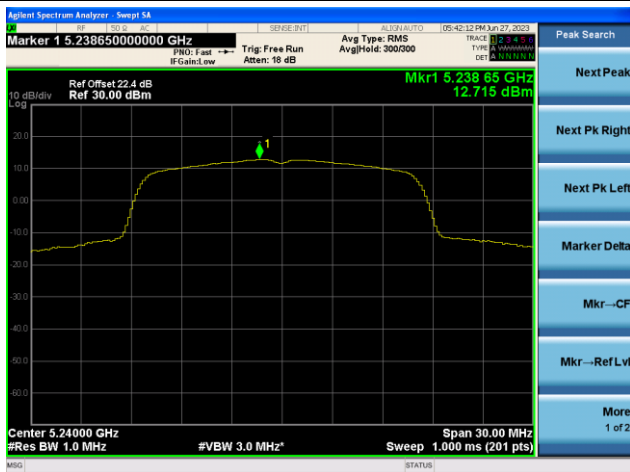
Channel 36 (5180MHz)



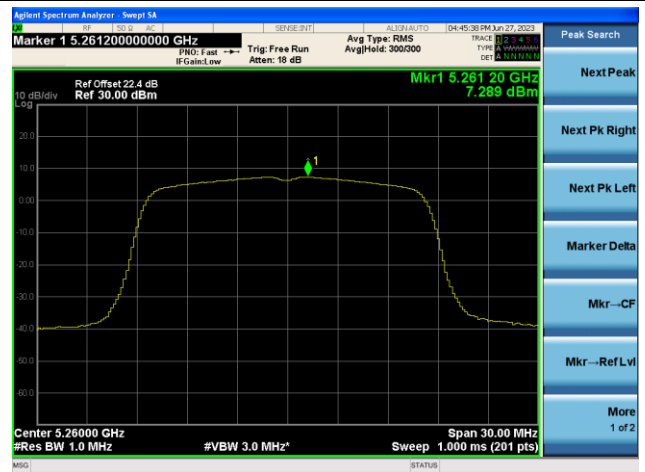
Channel 44 (5220MHz)



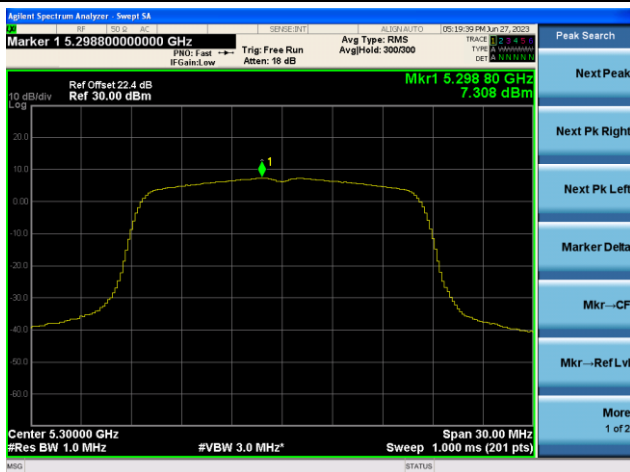
Channel 48 (5240MHz)



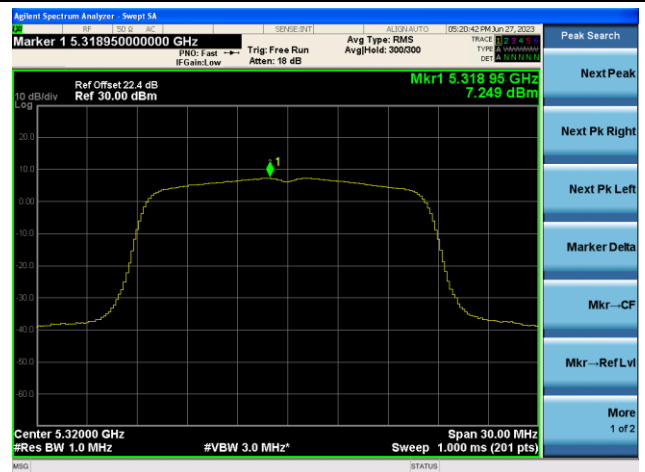
Channel 52 (5260MHz)



Channel 60 (5300MHz)

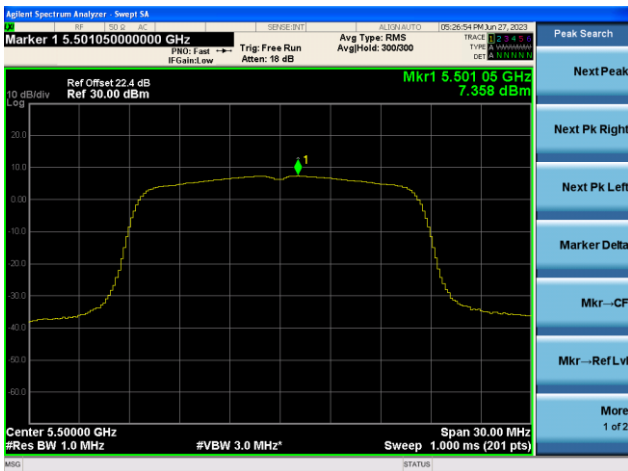


Channel 64 (5320MHz)

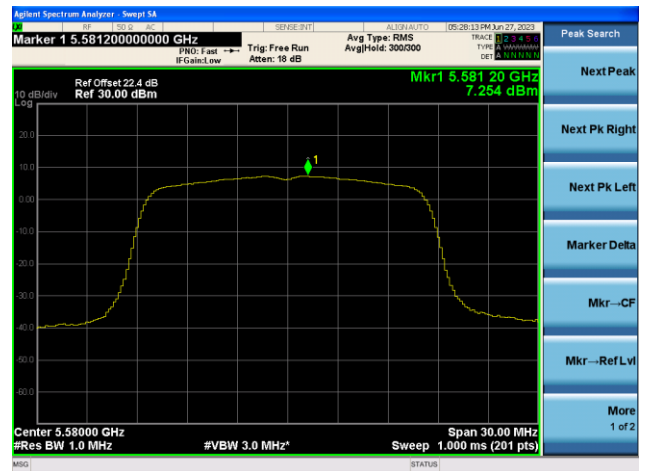


802.11a Power Spectral Density- Ant 0

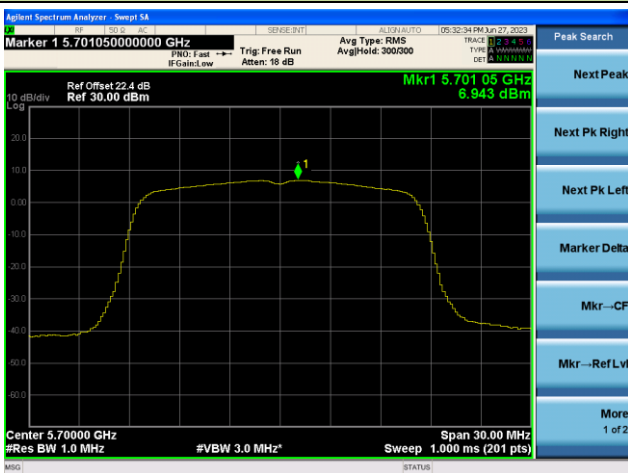
Channel 100 (5500MHz)



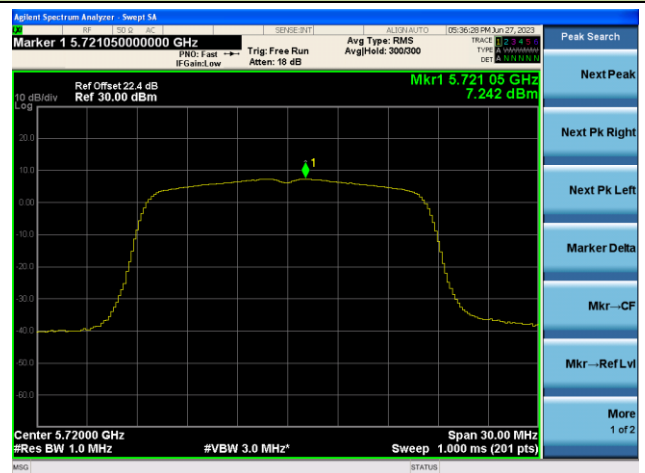
Channel 116 (5580MHz)



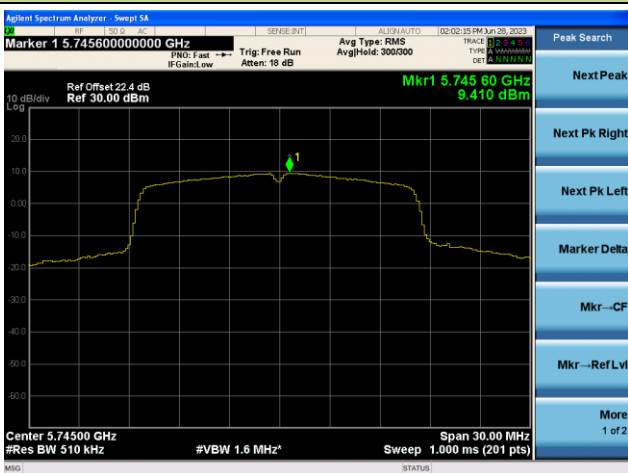
Channel 140 (5700MHz)



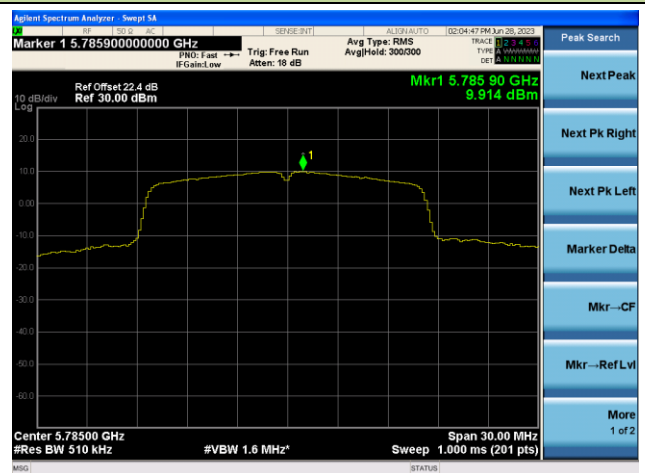
Channel 144(5720MHz)



Channel 149 (5745MHz)



Channel 157 (5785MHz)



802.11a Power Spectral Density- Ant 0

