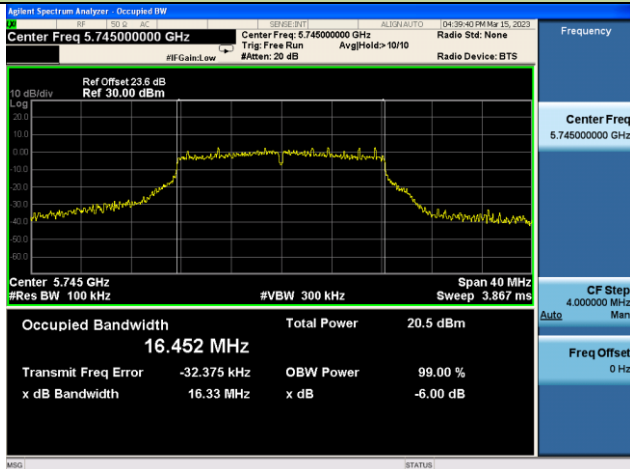
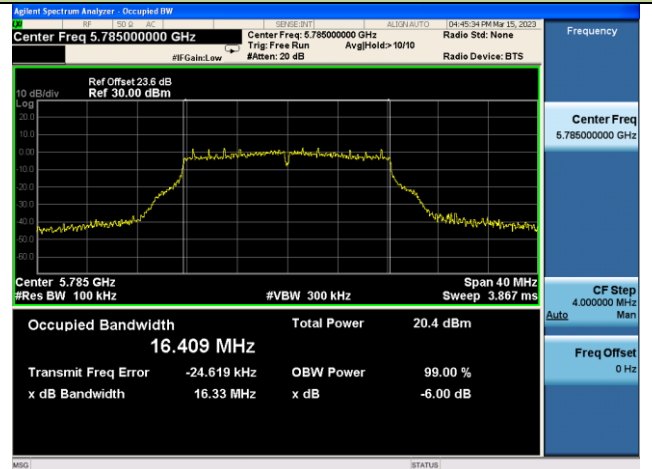


## 802.11a 6dB Bandwidth – Ant 3

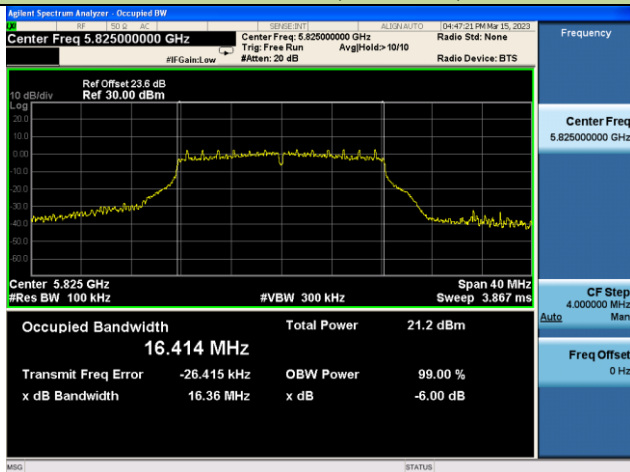
## Channel 149 (5745MHz)



## Channel 157 (5785MHz)

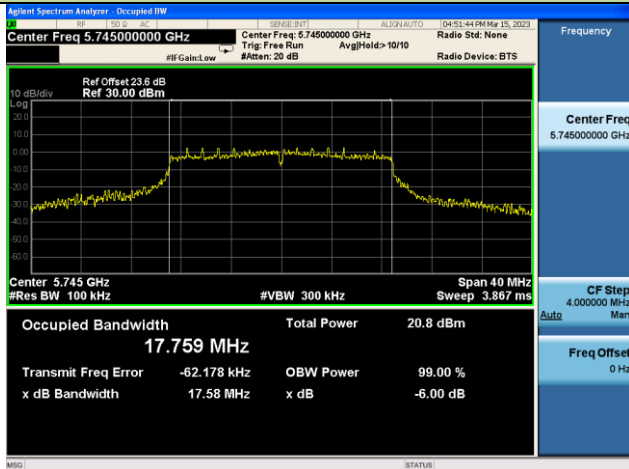


## Channel 165 (5825MHz)

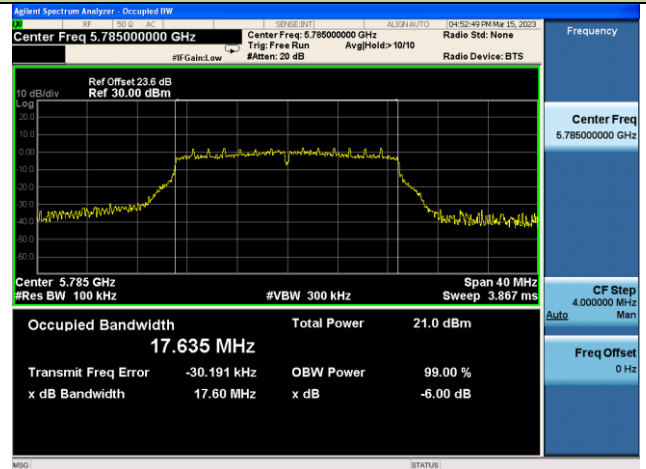


## 802.11ac-VHT20 6dB Bandwidth – Ant 3

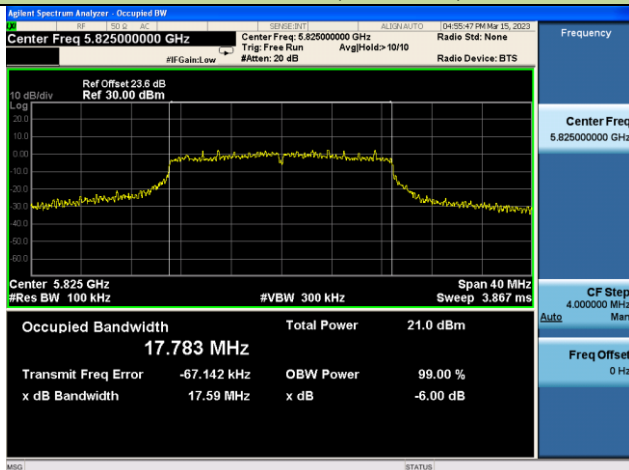
## Channel 149 (5745MHz)



## Channel 157 (5785MHz)

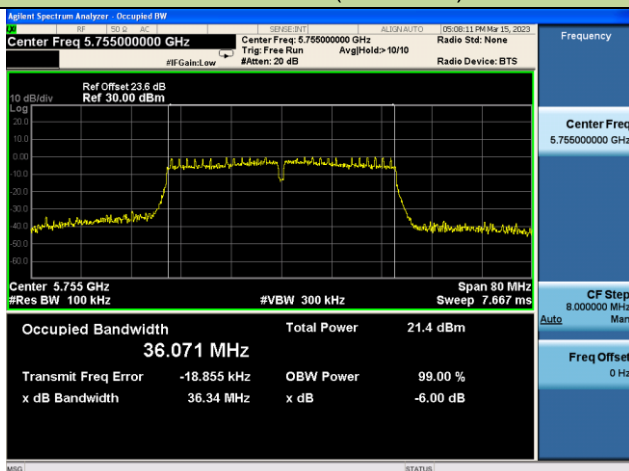


## Channel 165 (5825MHz)

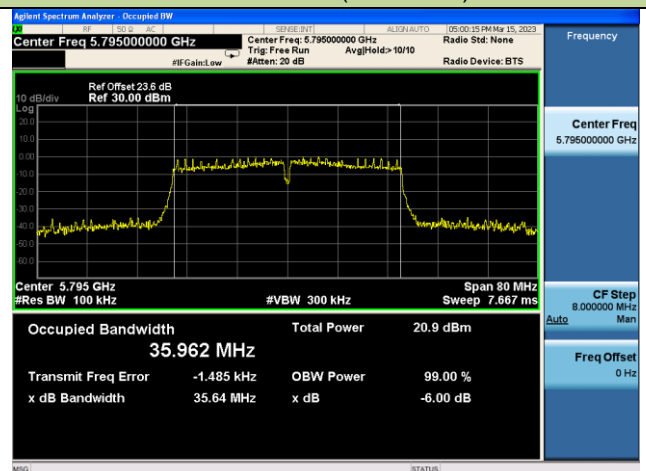


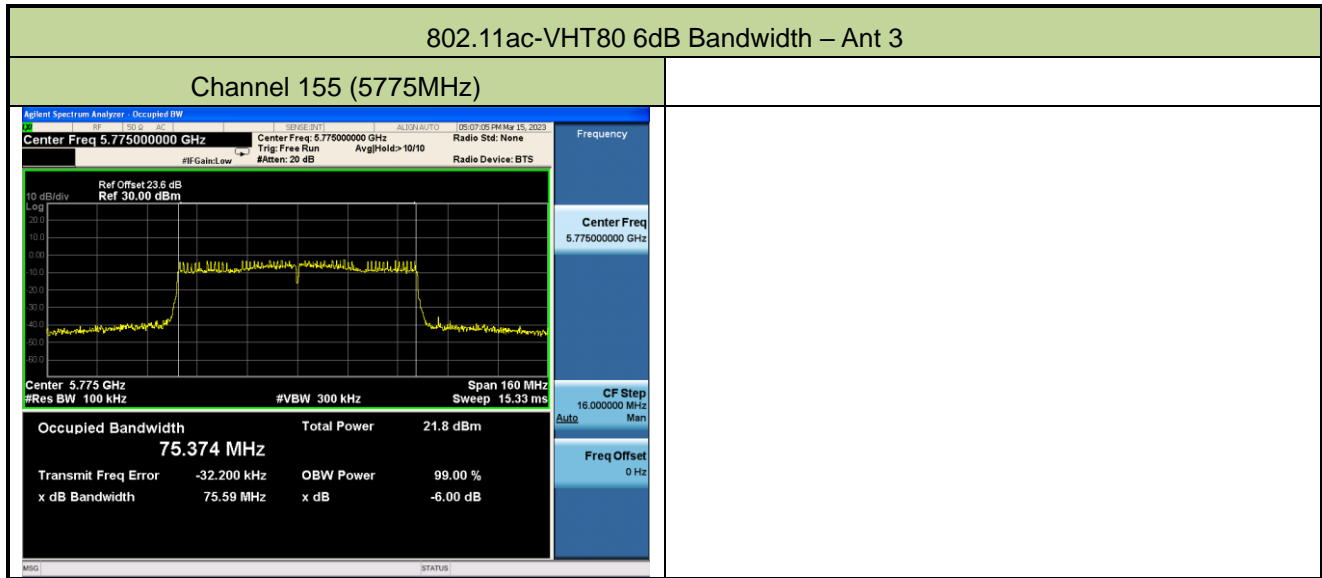
## 802.11ac-VHT40 6dB Bandwidth – Ant 3

## Channel 151 (5755MHz)



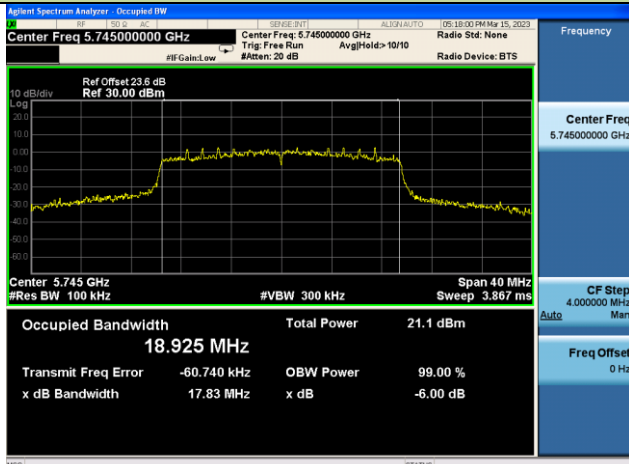
## Channel 159 (5795MHz)



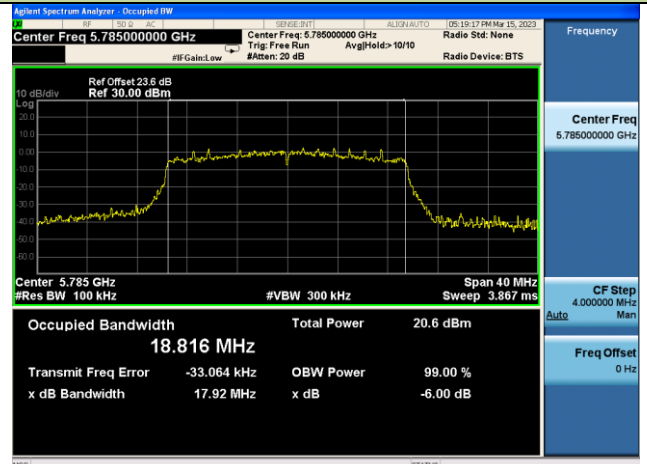


## 802.11ax-HE20 6dB Bandwidth – Ant 3

## Channel 149 (5745MHz)



## Channel 157 (5785MHz)

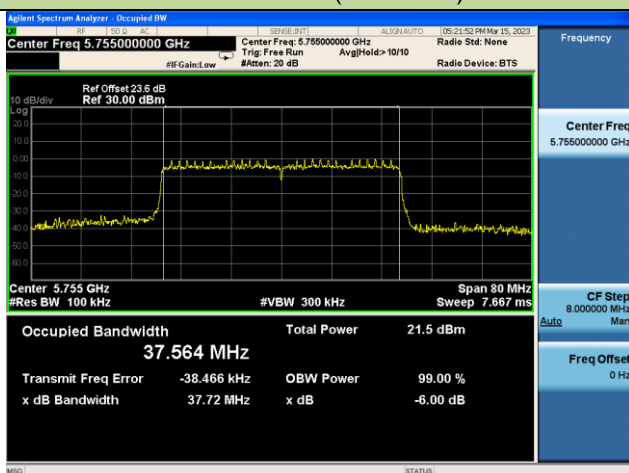


## Channel 165 (5825MHz)

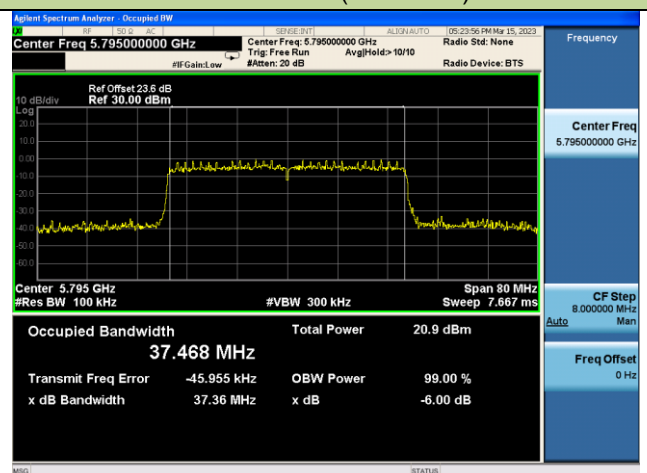


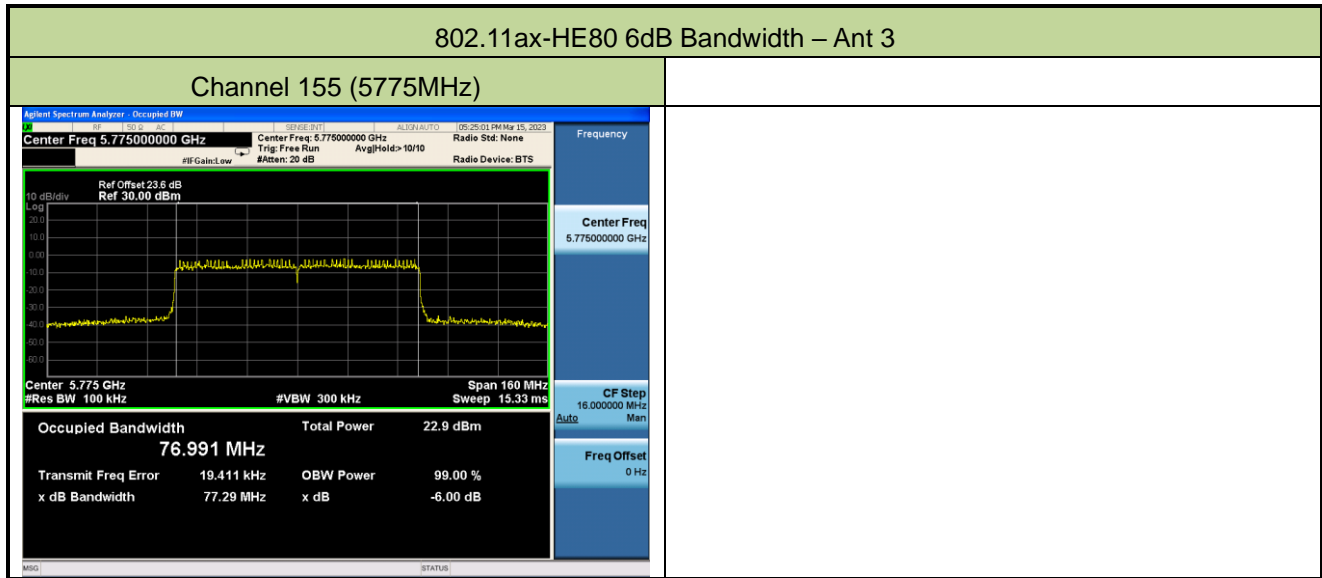
## 802.11ax-HE40 6dB Bandwidth – Ant 3

## Channel 151 (5755MHz)



## Channel 159 (5795MHz)



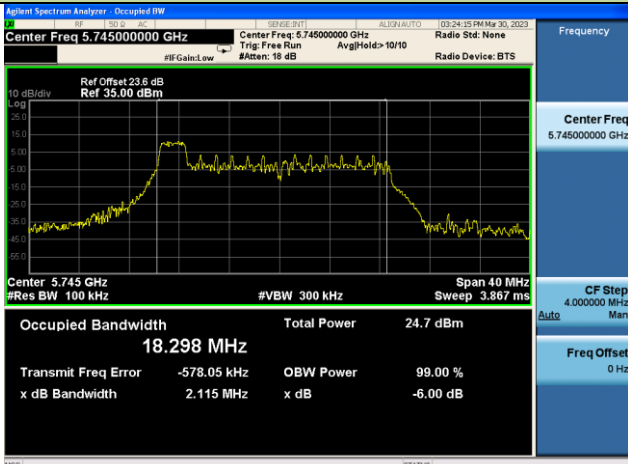


Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2023-03-30		
Test Mode	802.11ax-HE, Partial RU		

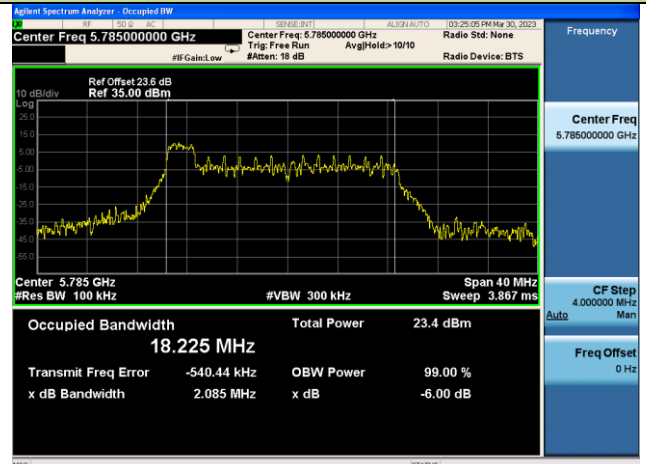
Test Mode	Tone	RU	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
11ax-HE20	26 Tone	RU 0	149	5745	2.115	≥0.5
			157	5785	2.085	≥0.5
			165	5825	2.083	≥0.5
		RU 4	149	5745	2.726	≥0.5
			157	5785	2.729	≥0.5
			165	5825	2.706	≥0.5
		RU 8	149	5745	2.079	≥0.5
			157	5785	2.093	≥0.5
			165	5825	2.096	≥0.5
	242 Tone	RU 61	149	5745	19.06	≥0.5
			157	5785	18.98	≥0.5
			165	5825	18.88	≥0.5
11ax-HE40	26 Tone	RU 0	151	5755	2.133	≥0.5
			159	5795	1.985	≥0.5
		RU 8	151	5755	2.142	≥0.5
			159	5795	2.137	≥0.5
		RU 17	151	5755	2.073	≥0.5
			159	5795	2.101	≥0.5
	484 Tone	RU 65	151	5755	37.85	≥0.5
			159	5795	37.78	≥0.5
11ax-HE80	26 Tone	RU 0	155	5775	2.182	≥0.5
		RU 18	155	5775	2.843	≥0.5
		RU 36	155	5775	2.181	≥0.5
	996 Tone	RU 67	155	5775	77.56	≥0.5

802.11ax-HE20 6dB Bandwidth – Ant 3 – 26 Tone RU 0

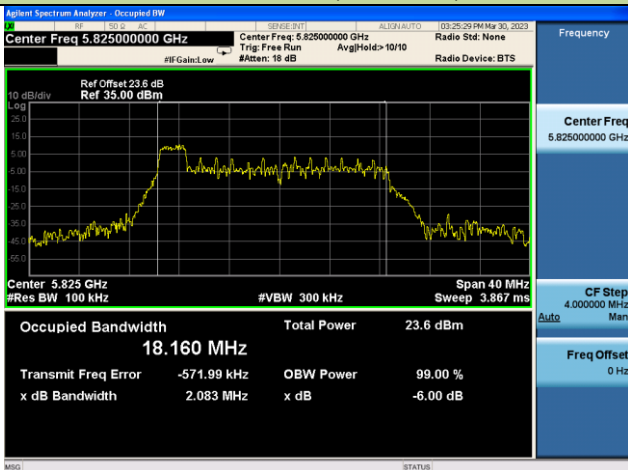
Channel 149 (5745MHz)



Channel 157 (5785MHz)

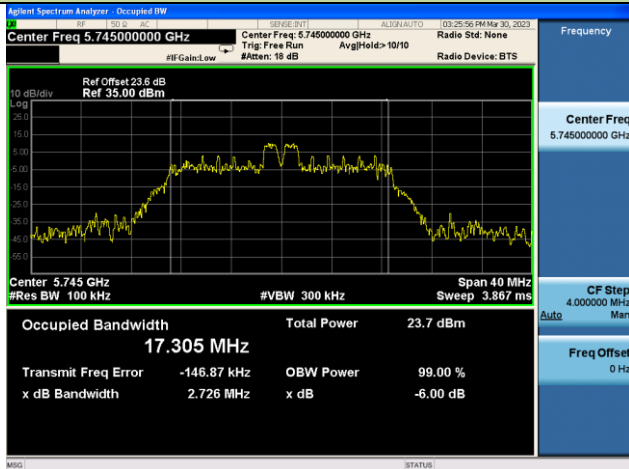


Channel 165 (5825MHz)

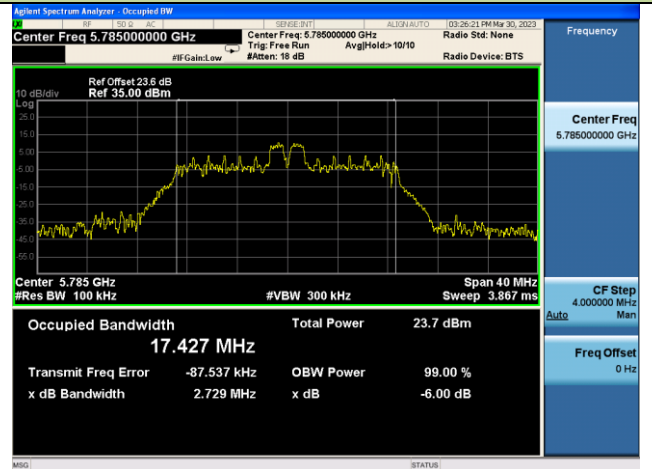


## 802.11ax-HE20 6dB Bandwidth – Ant 3 – 26 Tone RU 4

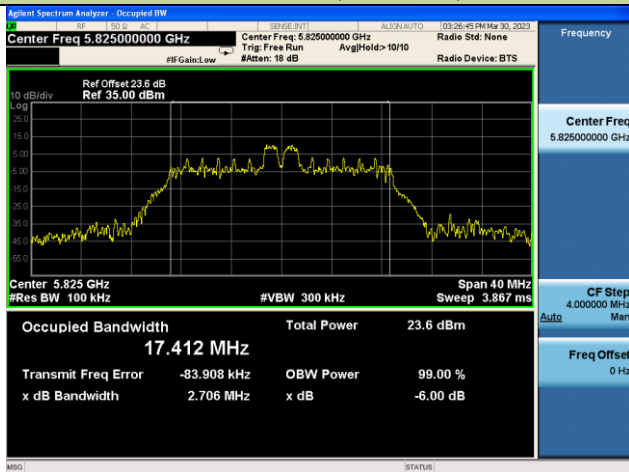
## Channel 149 (5745MHz)



## Channel 157 (5785MHz)



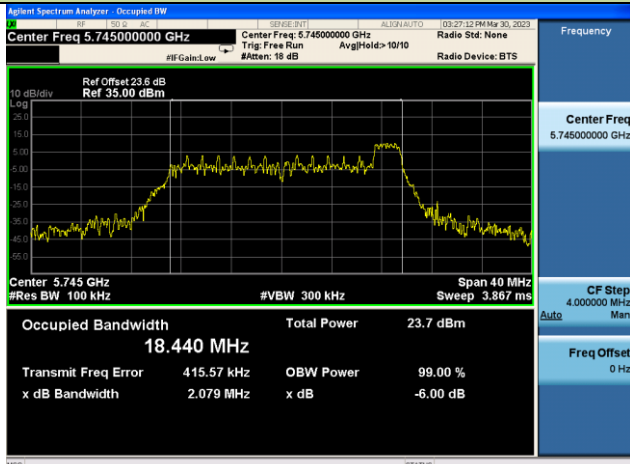
## Channel 165 (5825MHz)



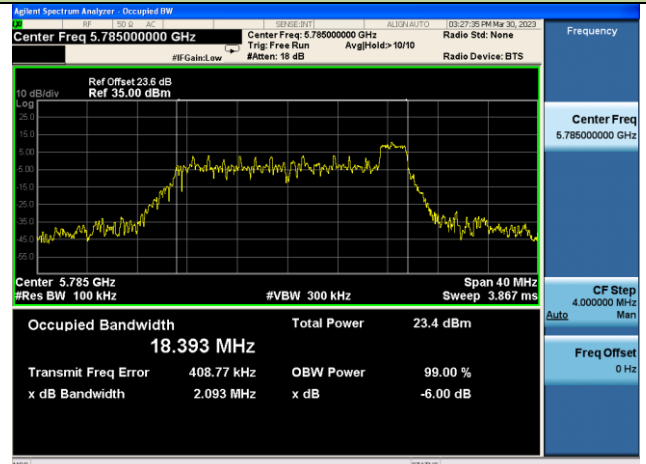


## 802.11ax-HE20 6dB Bandwidth – Ant 3 – 26 Tone RU 8

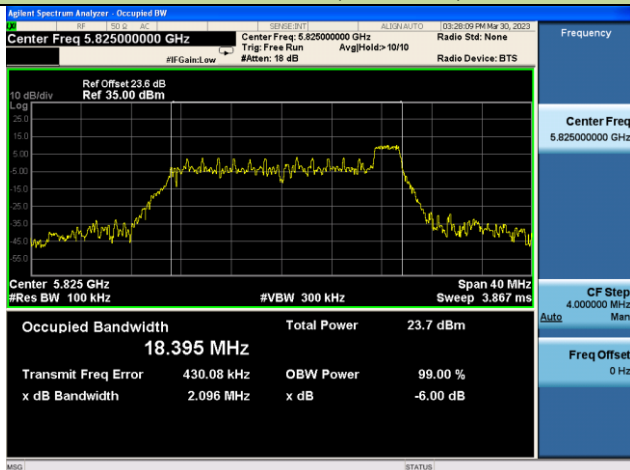
## Channel 149 (5745MHz)



## Channel 157 (5785MHz)

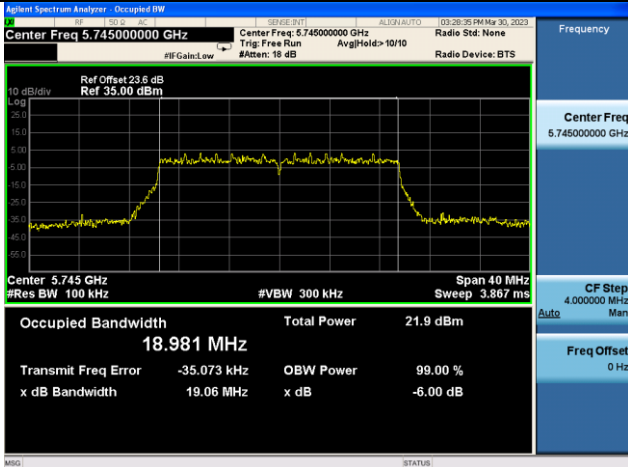


## Channel 165 (5825MHz)

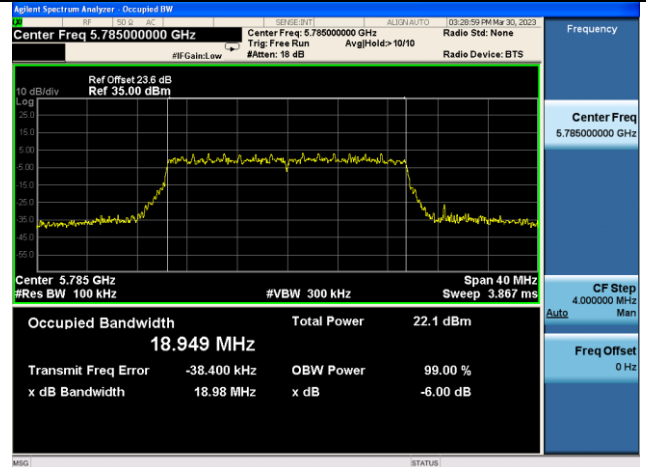


## 802.11ax-HE20 6dB Bandwidth – Ant 3 – 242 Tone RU 61

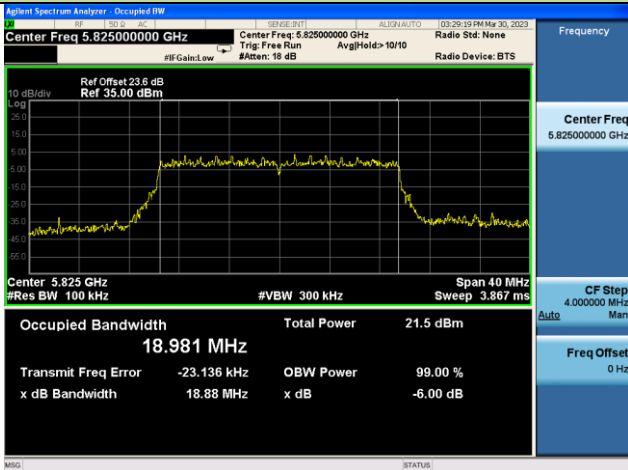
## Channel 149 (5745MHz)



## Channel 157 (5785MHz)

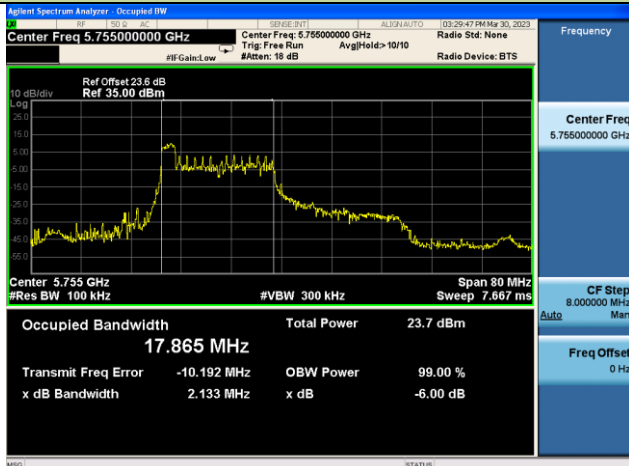


## Channel 165 (5825MHz)

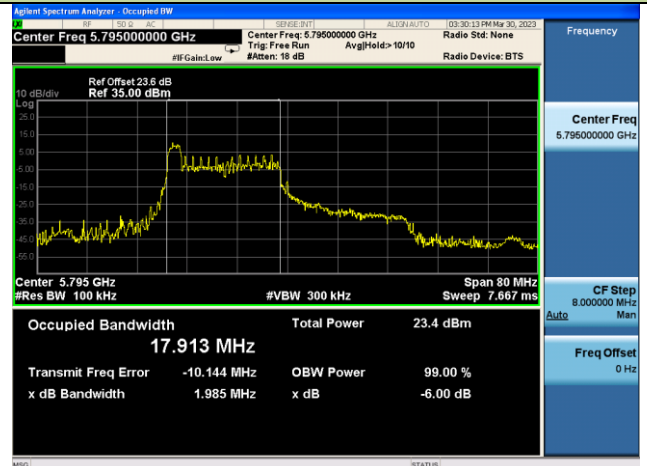


## 802.11ax-HE40 6dB Bandwidth – Ant 3 – 26 Tone RU 0

## Channel 151 (5755MHz)

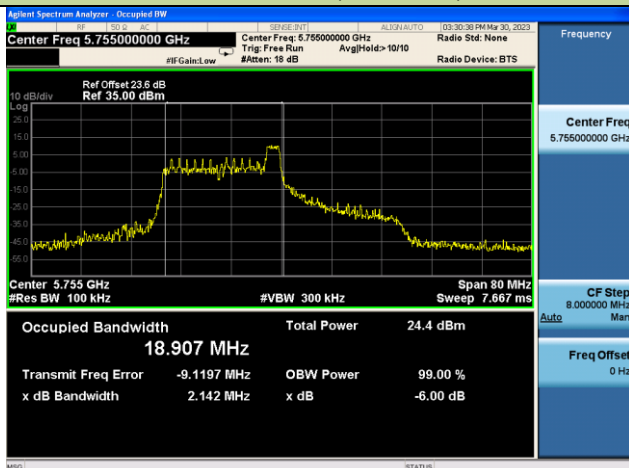


## Channel 159 (5795MHz)

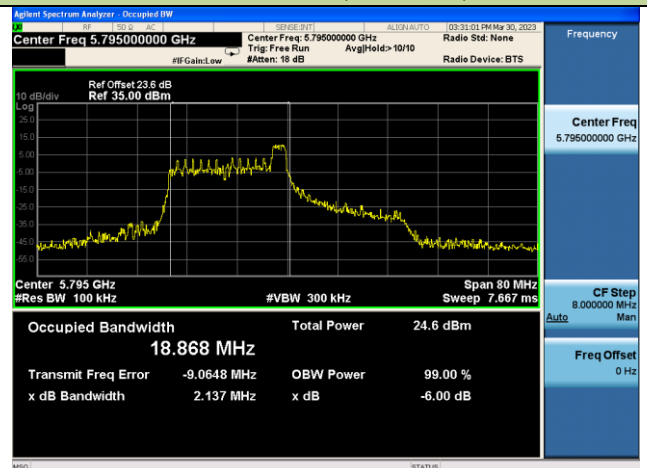


## 802.11ax-HE40 6dB Bandwidth – Ant 3 – 26 Tone RU 8

## Channel 151 (5755MHz)

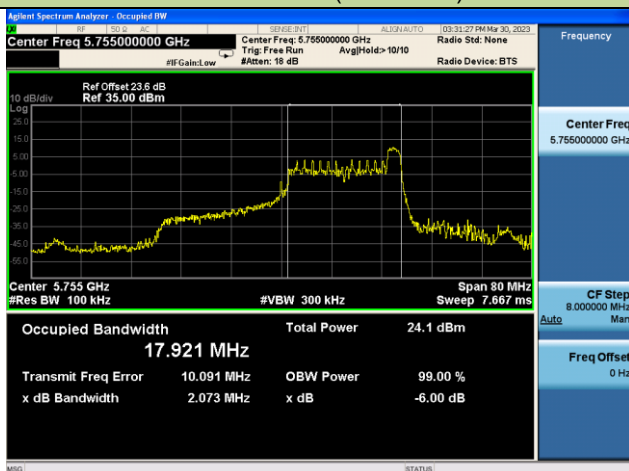


## Channel 159 (5795MHz)

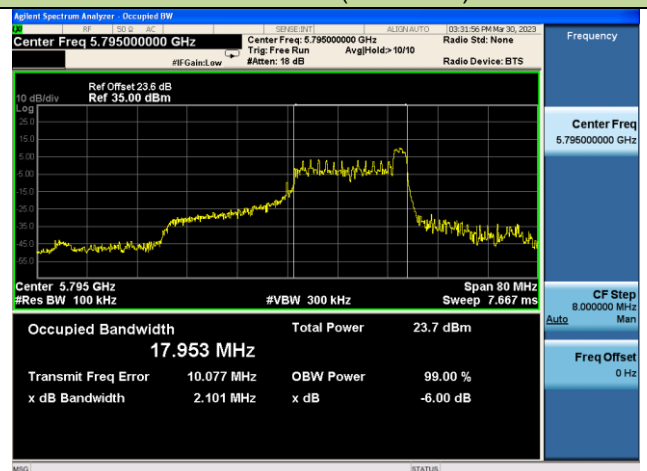


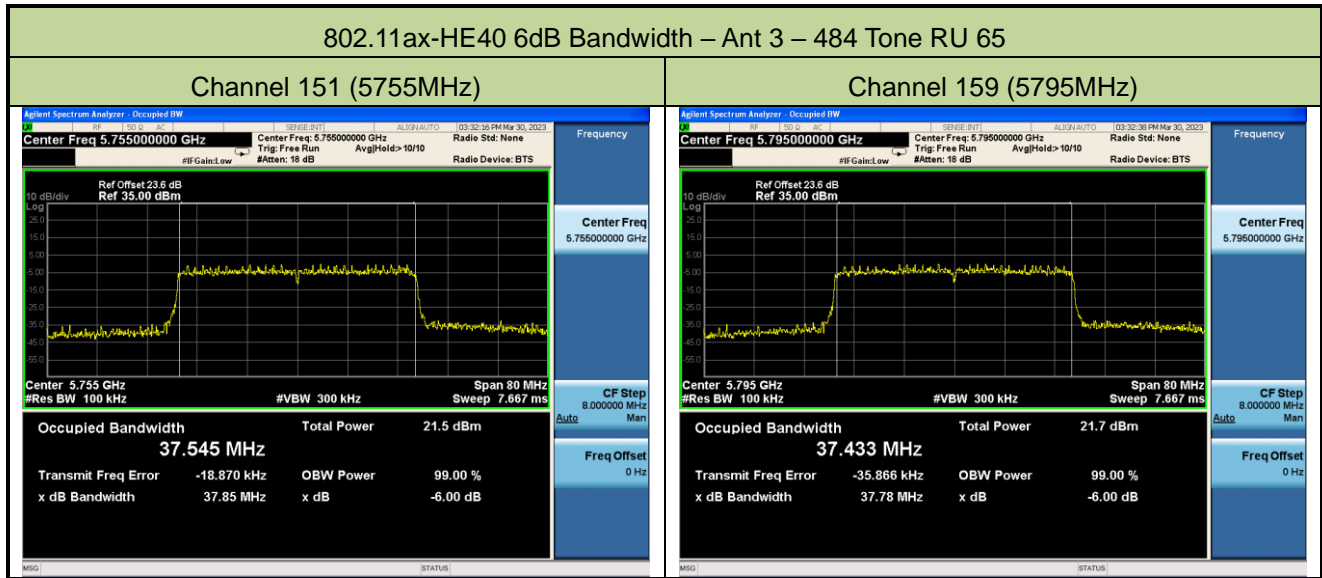
## 802.11ax-HE40 6dB Bandwidth – Ant 3 – 26 Tone RU 17

## Channel 151 (5755MHz)



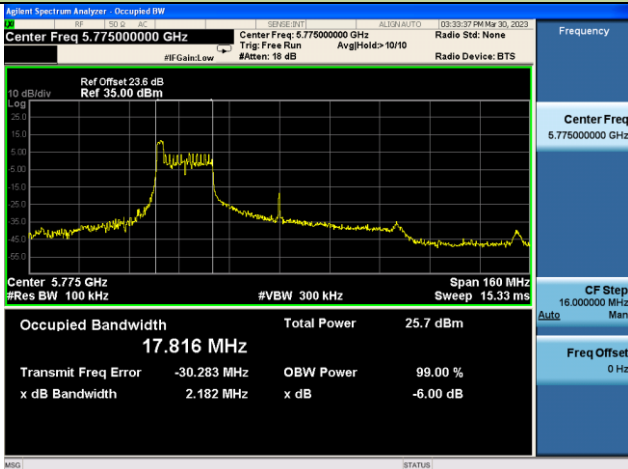
## Channel 159 (5795MHz)





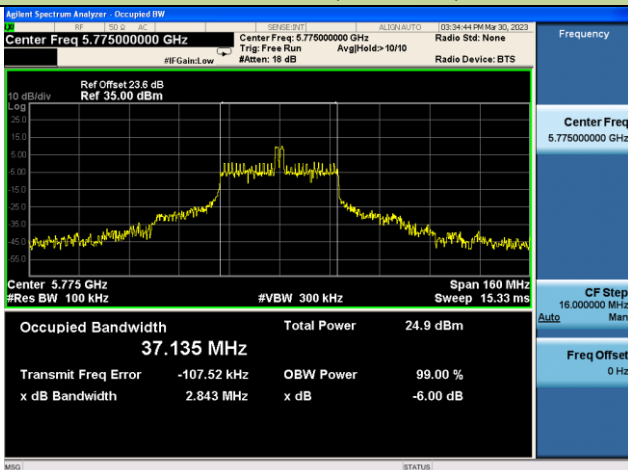
802.11ax-HE80 6dB Bandwidth – Ant 3 – 26 Tone RU 0

Channel 155 (5775MHz)



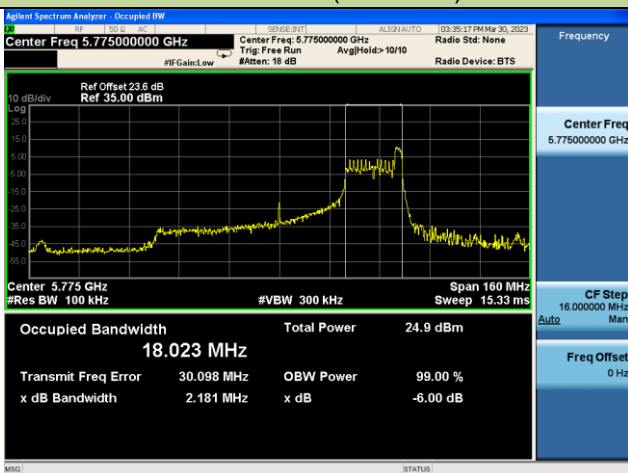
802.11ax-HE80 6dB Bandwidth – Ant 3 – 26 Tone RU 18

Channel 155 (5775MHz)

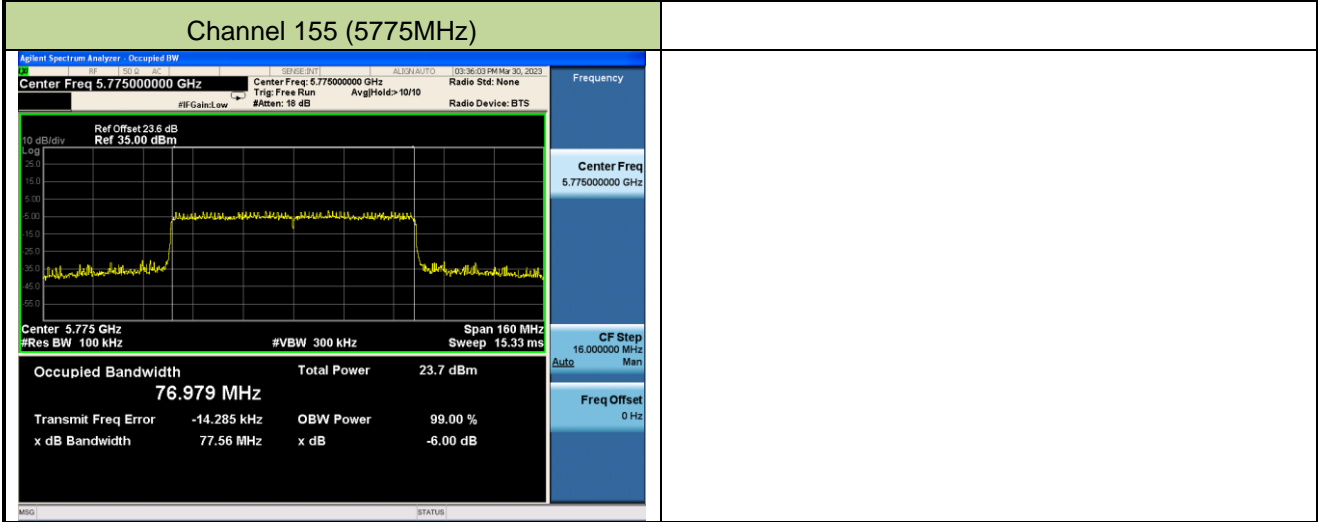


802.11ax-HE80 6dB Bandwidth – Ant 3 – 26 Tone RU 36

Channel 155 (5775MHz)



802.11ax-HE80 6dB Bandwidth – Ant 3 – 996 Tone RU 67



**A.4 Output Power Test Result**

Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2023-03-08	Test Mode	MIMO Mode

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
				Ant 3	Ant 2		
11a	6Mbps	36	5180	12.95	10.80	15.02	≤ 23.98
11a	6Mbps	44	5220	12.87	10.70	14.93	≤ 23.98
11a	6Mbps	48	5240	12.25	9.74	14.18	≤ 23.98
11a	6Mbps	52	5260	11.80	8.99	13.63	≤ 23.98
11a	6Mbps	60	5300	11.77	8.78	13.54	≤ 23.98
11a	6Mbps	64	5320	11.65	8.97	13.52	≤ 23.98
11a	6Mbps	100	5500	11.98	10.30	14.23	≤ 23.98
11a	6Mbps	116	5580	11.93	10.31	14.21	≤ 23.98
11a	6Mbps	140	5700	11.65	10.31	14.04	≤ 23.98
11a	6Mbps	149	5745	14.79	15.76	18.31	≤ 30.00
11a	6Mbps	157	5785	14.58	15.78	18.23	≤ 30.00
11a	6Mbps	165	5825	14.28	15.51	17.95	≤ 30.00
11ac-VHT20	MCS0	36	5180	12.75	10.83	14.91	≤ 23.98
11ac-VHT20	MCS0	44	5220	12.67	10.73	14.82	≤ 23.98
11ac-VHT20	MCS0	48	5240	12.83	10.58	14.86	≤ 23.98
11ac-VHT20	MCS0	52	5260	11.62	8.96	13.50	≤ 23.98
11ac-VHT20	MCS0	60	5300	11.63	8.89	13.48	≤ 23.98
11ac-VHT20	MCS0	64	5320	11.64	8.93	13.50	≤ 23.98
11ac-VHT20	MCS0	100	5500	11.82	10.26	14.12	≤ 23.98
11ac-VHT20	MCS0	116	5580	11.67	10.24	14.02	≤ 23.98
11ac-VHT20	MCS0	140	5700	11.38	10.03	13.77	≤ 23.98
11ac-VHT20	MCS0	149	5745	14.71	15.34	18.05	≤ 30.00
11ac-VHT20	MCS0	157	5785	14.40	15.27	17.87	≤ 30.00
11ac-VHT20	MCS0	165	5825	13.87	15.24	17.62	≤ 30.00
11ac-VHT40	MCS0	38	5190	12.74	10.25	14.68	≤ 23.98
11ac-VHT40	MCS0	46	5230	12.96	10.81	15.03	≤ 23.98
11ac-VHT40	MCS0	54	5270	11.80	8.79	13.56	≤ 23.98
11ac-VHT40	MCS0	62	5310	11.70	9.25	13.66	≤ 23.98
11ac-VHT40	MCS0	102	5510	11.67	10.56	14.16	≤ 23.98
11ac-VHT40	MCS0	110	5550	11.57	10.43	14.05	≤ 23.98

11ac-VHT40	MCS0	134	5670	11.65	10.44	14.10	≤ 23.98
11ac-VHT40	MCS0	151	5755	14.16	15.61	17.96	≤ 30.00
11ac-VHT40	MCS0	159	5795	13.79	15.62	17.81	≤ 30.00
11ac-VHT80	MCS0	42	5210	11.75	9.38	13.74	≤ 23.98
11ac-VHT80	MCS0	58	5290	11.89	9.93	14.03	≤ 23.98
11ac-VHT80	MCS0	106	5530	11.95	10.36	14.24	≤ 23.98
11ac-VHT80	MCS0	122	5610	11.62	10.12	13.94	≤ 23.98
11ac-VHT80	MCS0	155	5775	13.26	15.15	17.32	≤ 30.00
11ax-HE20	MCS0	36	5180	12.71	10.57	14.78	≤ 23.98
11ax-HE20	MCS0	44	5220	13.01	10.60	14.98	≤ 23.98
11ax-HE20	MCS0	48	5240	12.99	10.65	14.99	≤ 23.98
11ax-HE20	MCS0	52	5260	11.75	9.10	13.63	≤ 23.98
11ax-HE20	MCS0	60	5300	11.56	8.98	13.47	≤ 23.98
11ax-HE20	MCS0	64	5320	11.55	8.83	13.41	≤ 23.98
11ax-HE20	MCS0	100	5500	11.94	9.99	14.08	≤ 23.98
11ax-HE20	MCS0	116	5580	11.56	10.31	13.99	≤ 23.98
11ax-HE20	MCS0	140	5700	11.40	9.91	13.73	≤ 23.98
11ax-HE20	MCS0	149	5745	14.28	15.16	17.75	≤ 30.00
11ax-HE20	MCS0	157	5785	14.16	15.34	17.80	≤ 30.00
11ax-HE20	MCS0	165	5825	14.13	15.04	17.62	≤ 30.00
11ax-HE40	MCS0	38	5190	11.94	9.22	13.80	≤ 23.98
11ax-HE40	MCS0	46	5230	13.08	9.95	14.80	≤ 23.98
11ax-HE40	MCS0	54	5270	11.48	8.40	13.22	≤ 23.98
11ax-HE40	MCS0	62	5310	11.83	9.93	13.99	≤ 23.98
11ax-HE40	MCS0	102	5510	11.57	9.22	13.56	≤ 23.98
11ax-HE40	MCS0	110	5550	11.48	9.23	13.51	≤ 23.98
11ax-HE40	MCS0	134	5670	10.94	9.37	13.24	≤ 23.98
11ax-HE40	MCS0	151	5755	14.44	15.63	18.09	≤ 30.00
11ax-HE40	MCS0	159	5795	14.53	15.88	18.27	≤ 30.00
11ax-HE80	MCS0	42	5210	12.66	9.57	14.39	≤ 23.98
11ax-HE80	MCS0	58	5290	10.41	9.67	13.07	≤ 23.98
11ax-HE80	MCS0	106	5530	11.30	9.91	13.67	≤ 23.98
11ax-HE80	MCS0	122	5610	11.22	10.53	13.90	≤ 23.98
11ax-HE80	MCS0	155	5775	13.51	15.59	17.68	≤ 30.00

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



Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2023-04-04	Test Mode	MIMO, Partial RU

Test Mode	Tone	RU	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
					Ant 3	Ant 2		
11ax-HE20	26 Tone	RU 0	36	5180	11.12	8.08	12.87	≤ 23.98
			44	5220	10.95	8.02	12.74	≤ 23.98
			48	5240	11.16	8.64	13.09	≤ 23.98
			52	5260	10.97	7.76	12.67	≤ 23.98
			60	5300	10.76	7.68	12.50	≤ 23.98
			64	5320	11.88	9.04	13.70	≤ 23.98
			100	5500	11.36	9.36	13.48	≤ 23.98
			116	5580	9.88	7.85	11.99	≤ 23.98
			140	5700	10.47	9.32	12.94	≤ 23.98
			149	5745	14.63	14.01	17.34	≤ 30.00
			157	5785	14.46	13.63	17.08	≤ 30.00
		165	5825	14.18	13.61	16.91	≤ 30.00	
		RU 4	36	5180	11.59	9.02	13.50	≤ 23.98
			44	5220	11.43	8.96	13.38	≤ 23.98
			48	5240	11.61	8.86	13.46	≤ 23.98
			52	5260	11.87	9.28	13.78	≤ 23.98
			60	5300	12.03	9.25	13.87	≤ 23.98
			64	5320	11.98	9.14	13.80	≤ 23.98
			100	5500	11.08	9.74	13.47	≤ 23.98
			116	5580	11.27	9.35	13.43	≤ 23.98
			140	5700	11.01	9.47	13.32	≤ 23.98
			149	5745	15.03	14.27	17.68	≤ 30.00
157	5785		14.78	14.18	17.50	≤ 30.00		
165	5825	14.58	14.27	17.44	≤ 30.00			

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

Test Mode	Tone	RU	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
					Ant 3	Ant 2		
11ax-HE20	26 Tone	RU 8	36	5180	11.02	9.01	13.14	≤ 23.98
			44	5220	11.18	8.86	13.18	≤ 23.98
			48	5240	11.04	8.77	13.06	≤ 23.98
			52	5260	10.90	7.78	12.62	≤ 23.98
			60	5300	11.03	7.89	12.75	≤ 23.98
			64	5320	10.84	8.09	12.69	≤ 23.98
			100	5500	9.74	8.48	12.17	≤ 23.98
			116	5580	9.84	8.19	12.10	≤ 23.98
			140	5700	10.92	9.43	13.25	≤ 23.98
			149	5745	14.75	14.20	17.49	≤ 30.00
			157	5785	14.56	13.94	17.27	≤ 30.00
			165	5825	14.33	13.98	17.17	≤ 30.00
11ax-HE20	262 Tone	RU61	36	5180	12.52	10.42	14.61	≤ 23.98
			44	5220	12.72	10.30	14.69	≤ 23.98
			48	5240	13.06	9.46	14.63	≤ 23.98
			52	5260	11.73	8.69	13.48	≤ 23.98
			60	5300	11.94	8.63	13.60	≤ 23.98
			64	5320	11.71	8.72	13.48	≤ 23.98
			100	5500	11.97	8.84	13.69	≤ 23.98
			116	5580	11.92	9.48	13.88	≤ 23.98
			140	5700	11.67	9.45	13.71	≤ 23.98
			149	5745	13.87	13.11	16.52	≤ 30.00
			157	5785	13.81	12.84	16.36	≤ 30.00
			165	5825	13.56	13.07	16.33	≤ 30.00

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

Test Mode	Tone	RU	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
					Ant 3	Ant 2		
11ax-HE40	26 Tone	RU 0	38	5190	10.62	8.22	12.59	≤ 23.98
			46	5230	10.78	8.09	12.65	≤ 23.98
			54	5270	11.18	8.58	13.08	≤ 23.98
			62	5310	11.13	8.52	13.03	≤ 23.98
			102	5510	9.30	7.54	11.52	≤ 23.98
			110	5550	9.33	7.43	11.49	≤ 23.98
			134	5670	10.23	8.75	12.56	≤ 23.98
			151	5755	14.25	13.60	16.95	≤ 30.00
		159	5795	13.70	13.16	16.45	≤ 30.00	
		RU 8	38	5190	10.75	7.69	12.49	≤ 23.98
			46	5230	10.63	8.65	12.76	≤ 23.98
			54	5270	11.28	8.12	12.99	≤ 23.98
			62	5310	11.22	8.33	13.02	≤ 23.98
			102	5510	10.02	8.74	12.44	≤ 23.98
			110	5550	10.33	8.58	12.55	≤ 23.98
			134	5670	10.01	8.47	12.32	≤ 23.98
151	5755		14.94	14.31	17.65	≤ 30.00		
159	5795	15.13	14.45	17.81	≤ 30.00			

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

Test Mode	Tone	RU	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
					Ant 3	Ant 2		
11ax-HE40	26 Tone	RU 17	38	5190	9.76	6.84	11.55	≤ 23.98
			46	5230	9.96	6.95	11.72	≤ 23.98
			54	5270	10.37	7.45	12.16	≤ 23.98
			62	5310	10.36	7.73	12.25	≤ 23.98
			102	5510	9.23	7.86	11.61	≤ 23.98
			110	5550	10.50	9.45	13.02	≤ 23.98
			134	5670	10.28	9.19	12.78	≤ 23.98
			151	5755	14.38	13.65	17.04	≤ 30.00
			159	5795	13.92	13.41	16.68	≤ 30.00
11ax-HE40	484 Tone	RU 65	38	5190	10.36	7.12	12.05	≤ 23.98
			46	5230	12.47	9.95	14.40	≤ 23.98
			54	5270	12.08	8.74	13.73	≤ 23.98
			62	5310	11.88	8.92	13.66	≤ 23.98
			102	5510	11.21	9.48	13.44	≤ 23.98
			110	5550	11.10	9.29	13.30	≤ 23.98
			134	5670	11.05	9.76	13.46	≤ 23.98
			151	5755	13.49	13.13	16.32	≤ 30.00
			159	5795	13.56	13.02	16.31	≤ 30.00

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

Test Mode	Tone	RU	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
					Ant 3	Ant 2		
11ax-HE80	26 Tone	RU 0	42	5210	10.74	8.20	12.66	≤ 23.98
			58	5290	10.58	7.31	12.26	≤ 23.98
			106	5530	10.62	9.20	12.98	≤ 23.98
			122	5610	10.46	9.02	12.81	≤ 23.98
			155	5775	14.86	14.48	17.68	≤ 30.00
		RU 18	42	5210	11.74	8.88	13.55	≤ 23.98
			58	5290	11.41	8.28	13.13	≤ 23.98
			106	5530	11.27	9.64	13.54	≤ 23.98
			122	5610	11.29	9.75	13.60	≤ 23.98
			155	5775	14.70	14.61	17.67	≤ 30.00
		RU 36	42	5210	10.75	8.58	12.81	≤ 23.98
			58	5290	11.54	8.94	13.44	≤ 23.98
			106	5530	10.53	8.98	12.83	≤ 23.98
			122	5610	10.34	9.16	12.80	≤ 23.98
			155	5775	14.86	14.48	17.68	≤ 30.00
11ax-HE80	996 Tone	RU 67	42	5210	10.93	9.15	13.14	≤ 23.98
			58	5290	11.66	10.02	13.93	≤ 23.98
			106	5530	11.08	9.67	13.44	≤ 23.98
			122	5610	11.28	9.97	13.68	≤ 23.98
			155	5775	13.45	13.72	16.60	≤ 30.00

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

**A.5 Power Spectral Density Test Result**

Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2023-03-21~2023-03-28	Test Mode	MIMO Mode
Test Item	Power Spectral Density (UNII-Band 1 & UNII-2A & UNII-2C)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)		Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 3	Ant 2		
11a	6Mbps	36	5180	3.169	0.833	5.61	11.00
11a	6Mbps	44	5220	2.966	0.535	5.37	11.00
11a	6Mbps	48	5240	2.096	-0.563	4.42	11.00
11a	6Mbps	52	5260	1.607	-1.506	3.78	11.00
11a	6Mbps	60	5300	1.385	-1.620	3.59	11.00
11a	6Mbps	64	5320	1.451	-1.466	3.68	11.00
11a	6Mbps	100	5500	2.043	-0.014	4.59	10.89
11a	6Mbps	116	5580	2.040	-0.004	4.59	10.89
11a	6Mbps	140	5700	1.255	-0.057	4.10	10.89
11ac-VHT20	MCS0	36	5180	2.237	0.295	5.25	11.00
11ac-VHT20	MCS0	44	5220	2.351	0.070	5.24	11.00
11ac-VHT20	MCS0	48	5240	2.496	-0.115	5.26	11.00
11ac-VHT20	MCS0	52	5260	0.913	-2.157	3.52	11.00
11ac-VHT20	MCS0	60	5300	0.597	-2.318	3.26	11.00
11ac-VHT20	MCS0	64	5320	0.674	-2.298	3.31	11.00
11ac-VHT20	MCS0	100	5500	1.429	-0.407	4.48	10.89
11ac-VHT20	MCS0	116	5580	1.204	-0.560	4.29	10.89
11ac-VHT20	MCS0	140	5700	0.698	-0.983	3.82	10.89
11ac-VHT40	MCS0	38	5190	-0.325	-2.638	3.19	11.00
11ac-VHT40	MCS0	46	5230	-0.438	-3.283	2.89	11.00
11ac-VHT40	MCS0	54	5270	-1.995	-4.948	1.30	11.00
11ac-VHT40	MCS0	62	5310	-2.248	-5.385	0.98	11.00
11ac-VHT40	MCS0	102	5510	-2.125	-3.169	1.91	10.89
11ac-VHT40	MCS0	110	5550	-1.592	-3.256	2.18	10.89
11ac-VHT40	MCS0	134	5670	-2.660	-4.272	1.13	10.89
11ac-VHT80	MCS0	42	5210	-5.252	-7.994	-0.89	11.00
11ac-VHT80	MCS0	58	5290	-4.936	-7.642	-0.56	11.00
11ac-VHT80	MCS0	106	5530	-4.926	-7.254	-0.42	10.89
11ac-VHT80	MCS0	122	5610	-5.656	-7.022	-0.76	10.89

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)		Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 3	Ant 2		
11ax-HE20	MCS0	36	5180	2.921	0.607	5.96	11.00
11ax-HE20	MCS0	44	5220	2.531	0.042	5.51	11.00
11ax-HE20	MCS0	48	5240	2.520	0.012	5.49	11.00
11ax-HE20	MCS0	52	5260	0.947	-2.090	3.74	11.00
11ax-HE20	MCS0	60	5300	0.652	-2.298	3.47	11.00
11ax-HE20	MCS0	64	5320	0.802	-2.276	3.58	11.00
11ax-HE20	MCS0	100	5500	1.238	-0.111	4.66	10.89
11ax-HE20	MCS0	116	5580	1.152	-0.419	4.49	10.89
11ax-HE20	MCS0	140	5700	0.913	-0.858	4.17	10.89
11ax-HE40	MCS0	38	5190	-3.575	-6.324	-0.02	11.00
11ax-HE40	MCS0	46	5230	-2.408	-5.335	1.09	11.00
11ax-HE40	MCS0	54	5270	-4.101	-7.127	-0.64	11.00
11ax-HE40	MCS0	62	5310	-3.183	-6.284	0.25	11.00
11ax-HE40	MCS0	102	5510	-4.159	-5.624	-0.11	10.89
11ax-HE40	MCS0	110	5550	-4.043	-5.722	-0.09	10.89
11ax-HE40	MCS0	134	5670	-4.611	-6.357	-0.68	10.89
11ax-HE80	MCS0	42	5210	-6.151	-8.396	-1.52	11.00
11ax-HE80	MCS0	58	5290	-7.071	-9.357	-2.46	11.00
11ax-HE80	MCS0	106	5530	-5.962	-7.303	-0.98	10.89
11ax-HE80	MCS0	122	5610	-6.572	-8.326	-1.76	10.89

Note:

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

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

Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2023-03-21~2023-03-28	Test Mode	MIMO Mode
Test Item	Power Spectral Density (UNII-Band 3)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ 510kHz)		Total PSD (dBm/ 510kHz)	PSD Limit (dBm/ 500kHz)
				Ant 3	Ant 2		
11a	6Mbps	149	5745	1.162	0.528	4.31	29.89
11a	6Mbps	157	5785	0.967	0.360	4.13	29.89
11a	6Mbps	165	5825	0.996	0.428	4.17	29.89
11ac-VHT20	MCS0	149	5745	0.400	-0.188	3.99	29.89
11ac-VHT20	MCS0	157	5785	0.109	-0.701	3.60	29.89
11ac-VHT20	MCS0	165	5825	0.110	-0.182	3.84	29.89
11ac-VHT40	MCS0	151	5755	-4.175	-3.857	0.51	29.89
11ac-VHT40	MCS0	159	5795	-3.915	-3.888	0.62	29.89
11ac-VHT80	MCS0	155	5775	-8.045	-7.170	-2.06	29.89
11ax-HE20	MCS0	149	5745	0.553	-0.098	4.29	29.89
11ax-HE20	MCS0	157	5785	0.156	-0.561	3.86	29.89
11ax-HE20	MCS0	165	5825	0.020	-0.287	3.92	29.89
11ax-HE40	MCS0	151	5755	-4.852	-5.077	-0.25	29.89
11ax-HE40	MCS0	159	5795	-4.903	-4.971	-0.22	29.89
11ax-HE80	MCS0	155	5775	-7.845	-7.579	-2.10	29.89

Note:

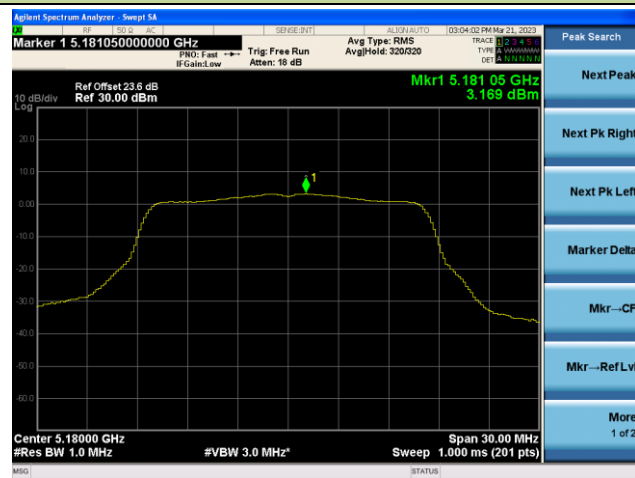
When EUT duty cycle < 98%, the total PSD (dBm/510kHz) =  $10 \cdot \log \{10^{(\text{Ant 3 AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)}\} + 10 \cdot \log (1/\text{Duty cycle})$ .

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

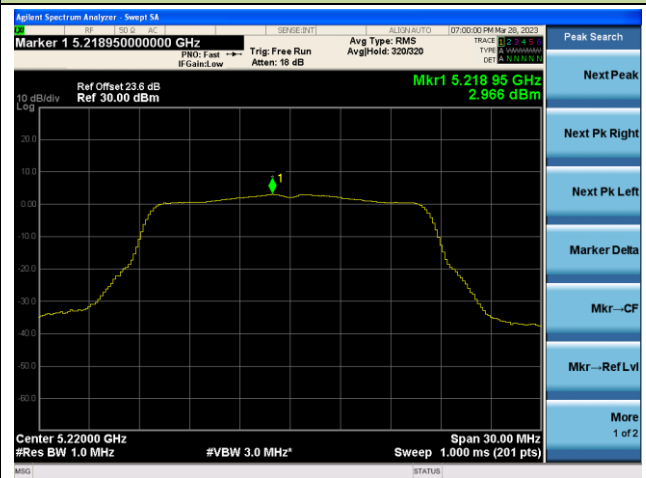


## 802.11a Power Spectral Density - Ant 3

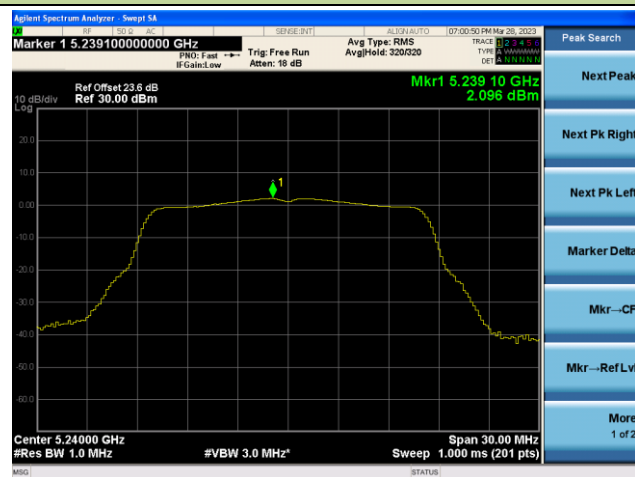
Channel 36 (5180MHz)



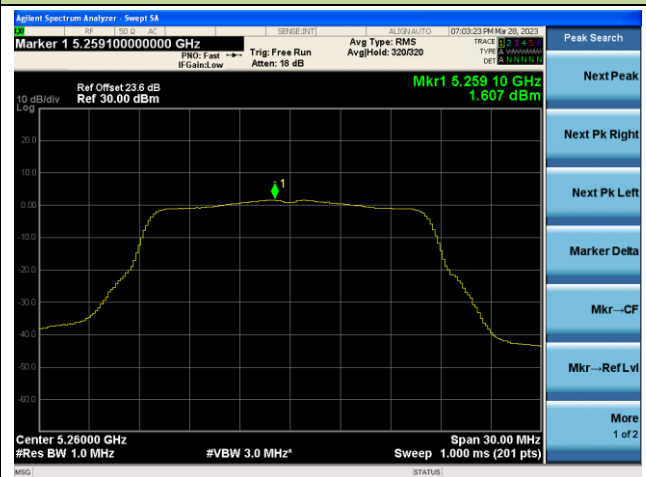
Channel 44 (5220MHz)



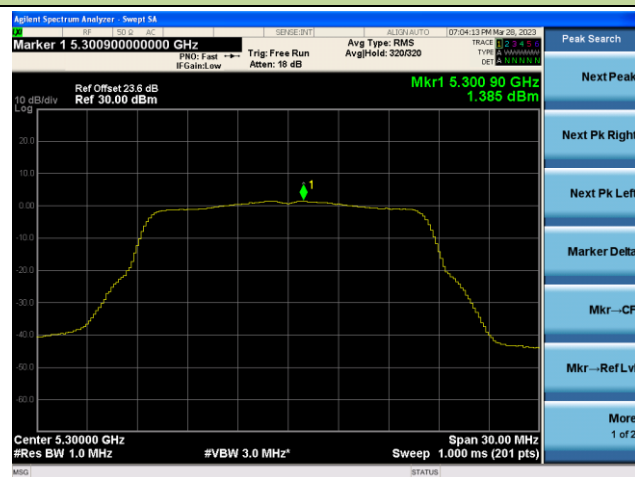
Channel 48 (5240MHz)



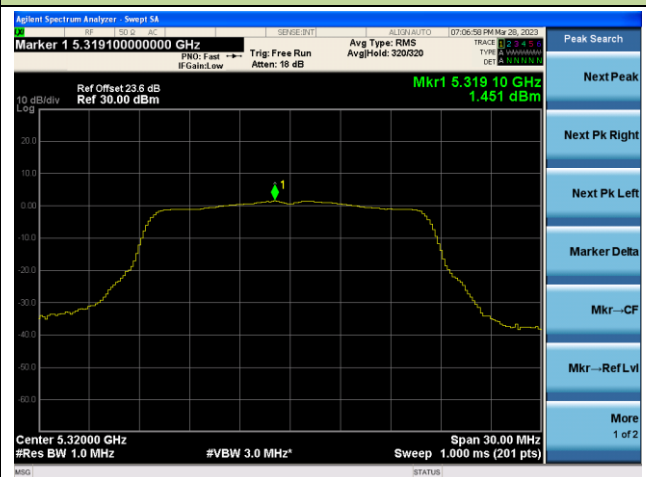
Channel 52 (5260MHz)

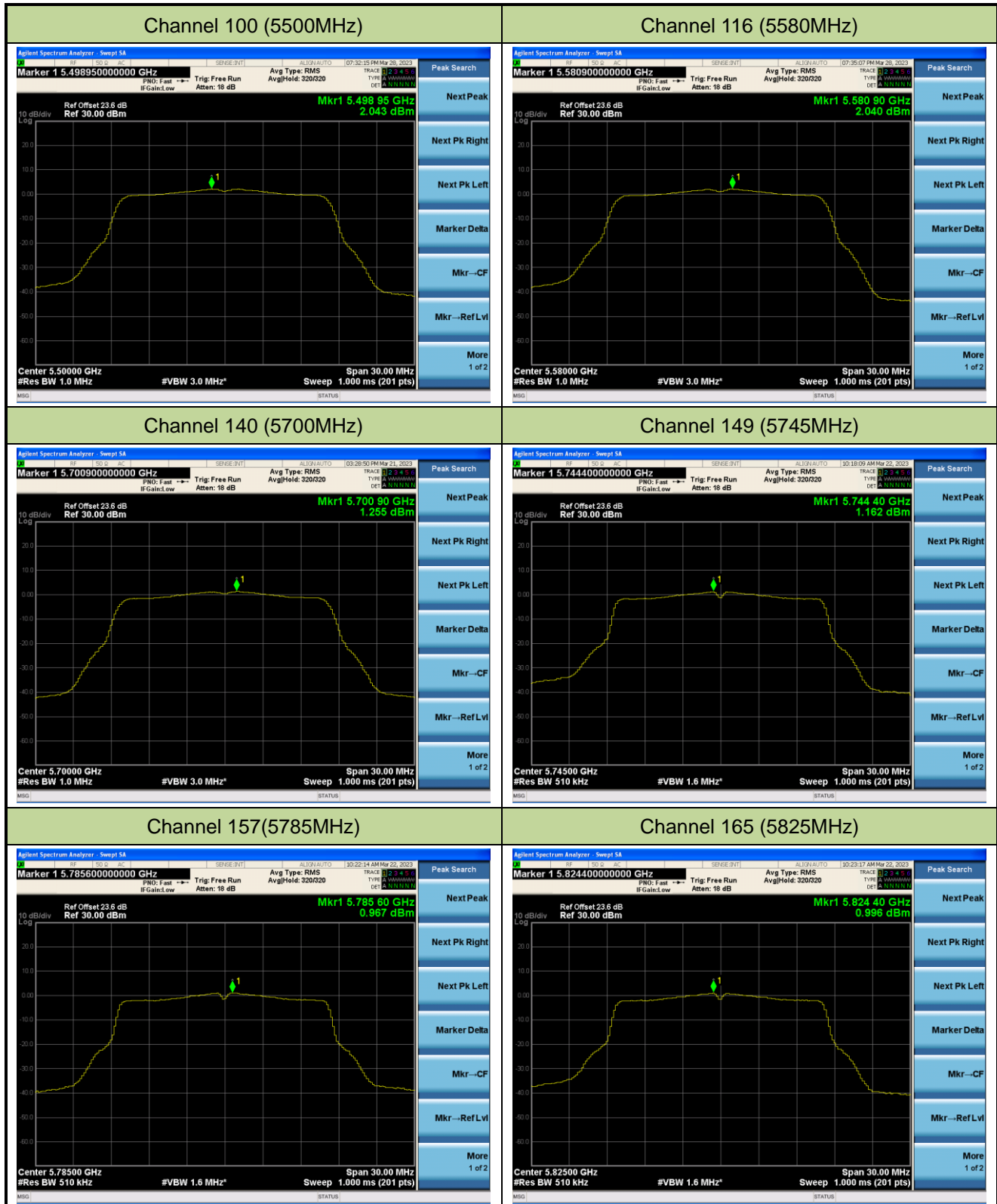


Channel 60 (5300MHz)



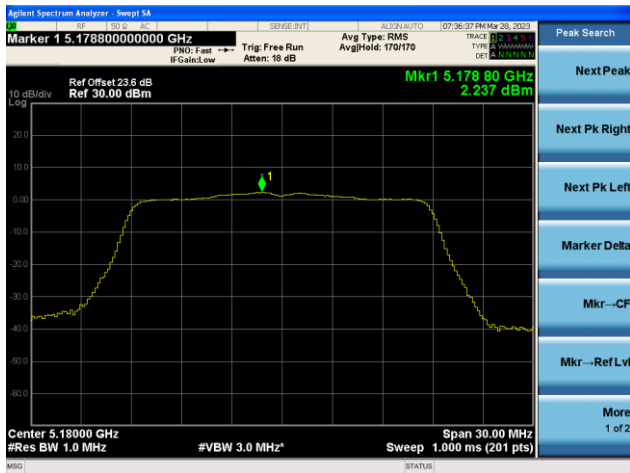
Channel 64 (5320MHz)



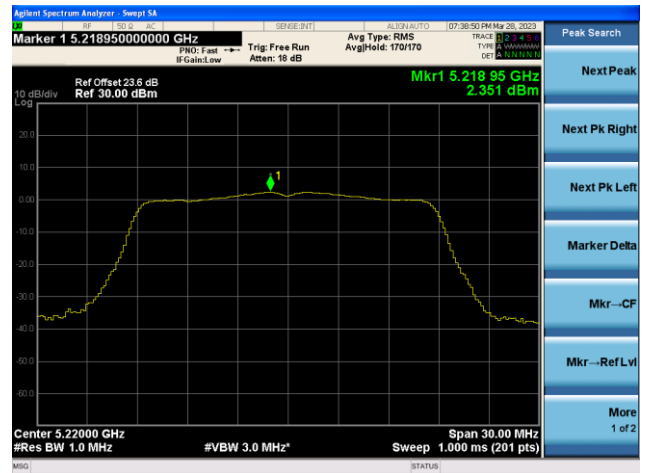


## 802.11ac-VHT20 Power Spectral Density - Ant 3

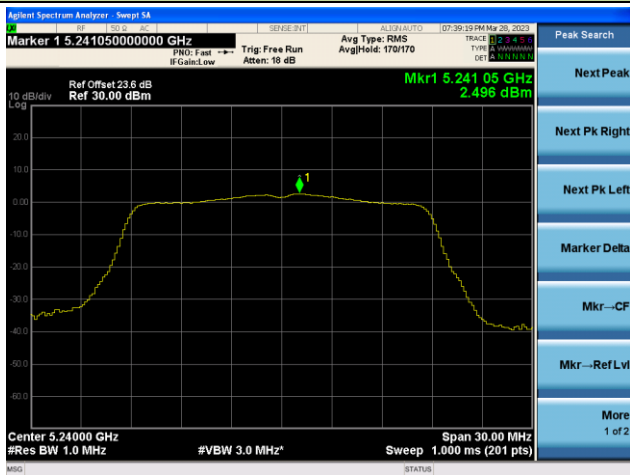
Channel 36 (5180MHz)



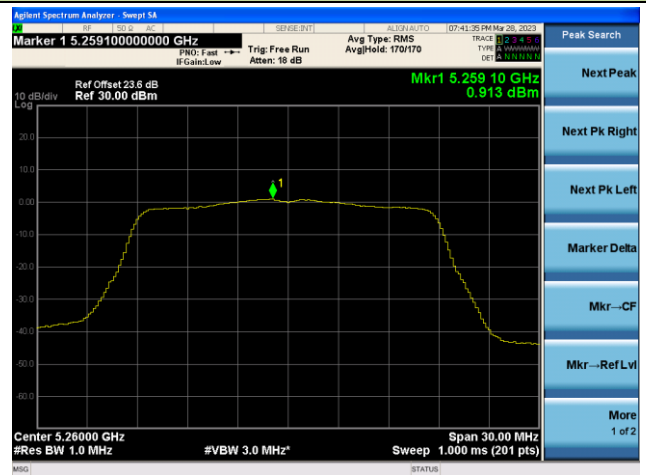
Channel 44 (5220MHz)



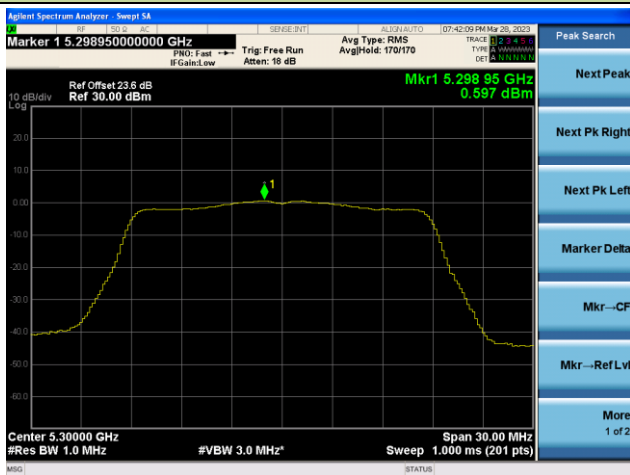
Channel 48 (5240MHz)



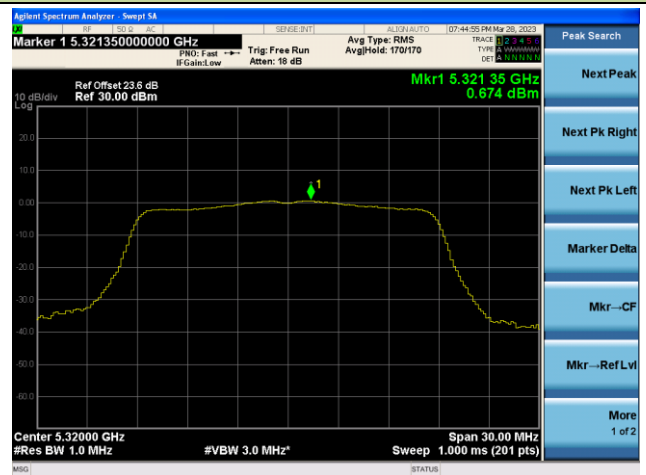
Channel 52 (5260MHz)



Channel 60 (5300MHz)

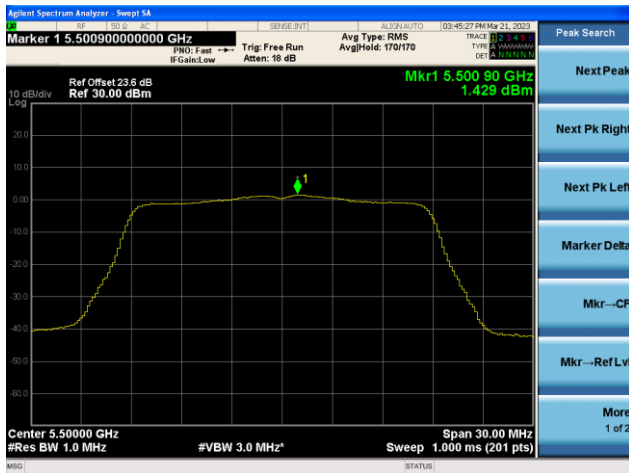


Channel 64 (5320MHz)

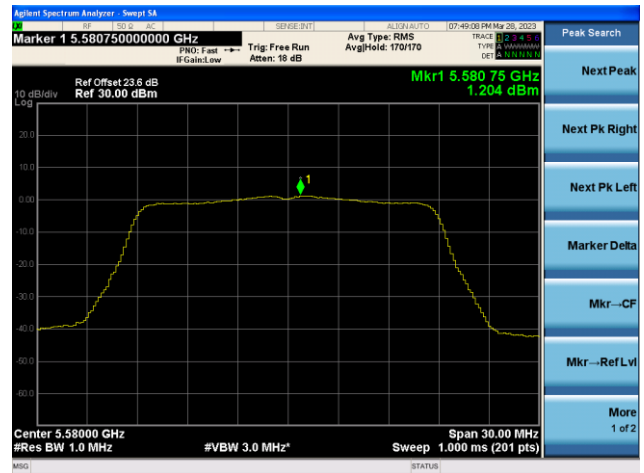


## 802.11ac-VHT20 Power Spectral Density - Ant 3

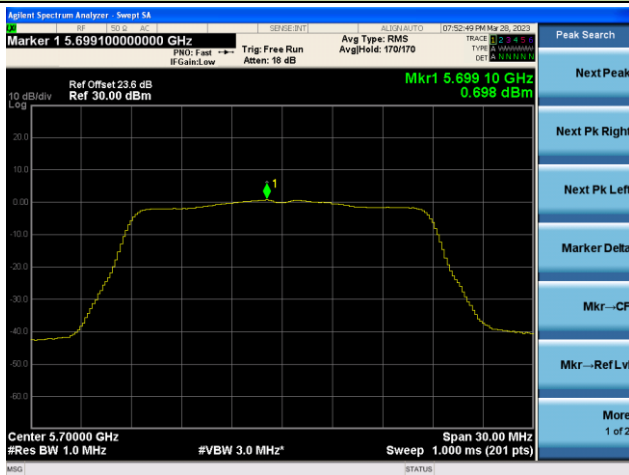
Channel 100 (5500MHz)



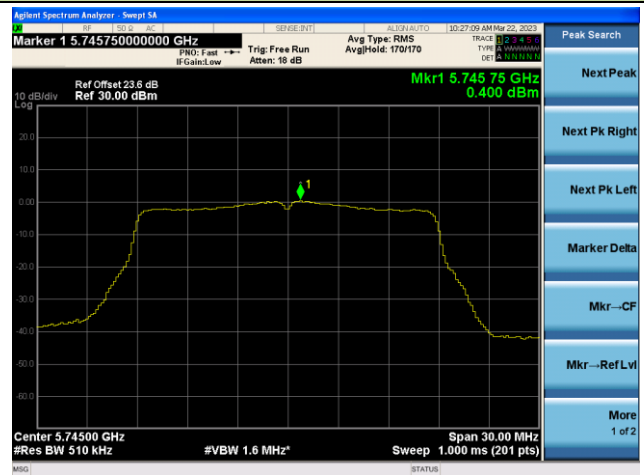
Channel 116 (5580MHz)



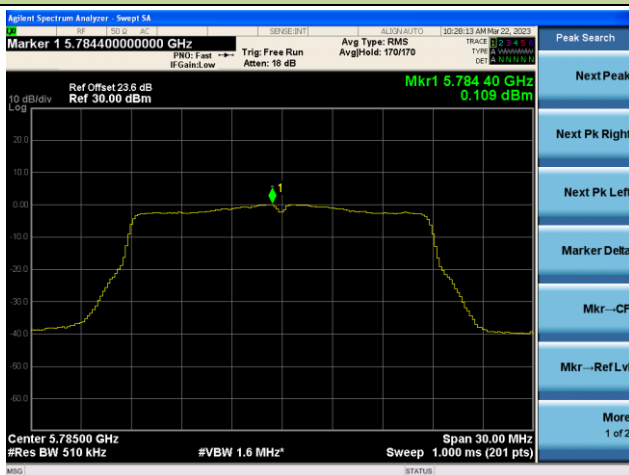
Channel 140 (5700MHz)



Channel 149 (5745MHz)



Channel 157(5785MHz)



Channel 165 (5825MHz)

