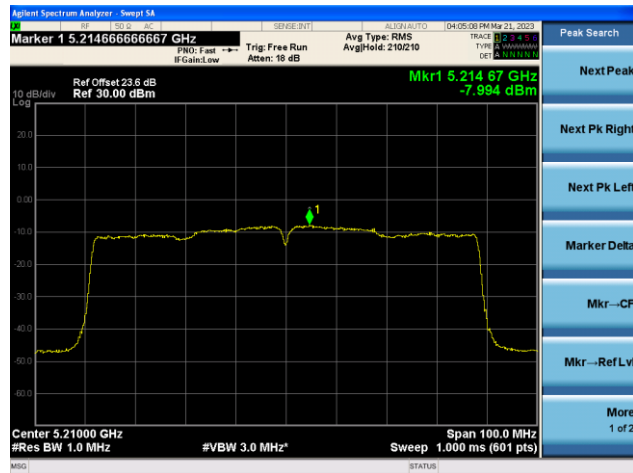
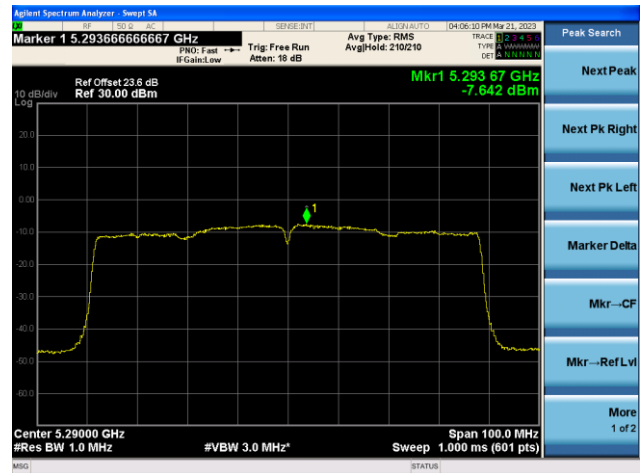


802.11ac-VHT80 Power Spectral Density - Ant 2

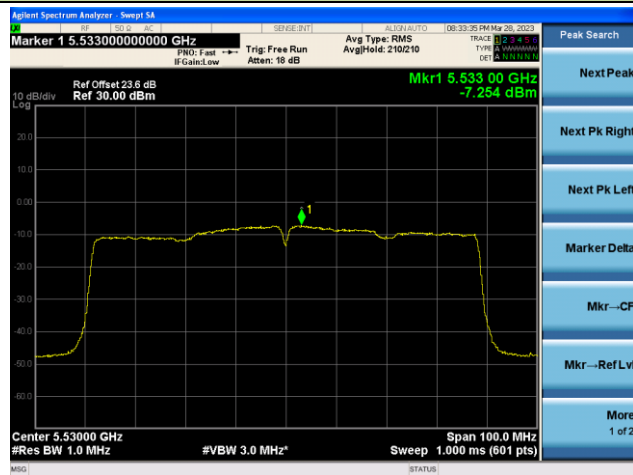
Channel 42 (5210MHz)



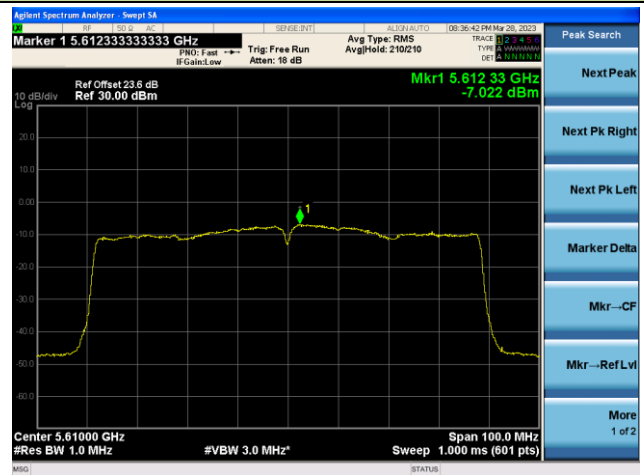
Channel 58 (5290MHz)



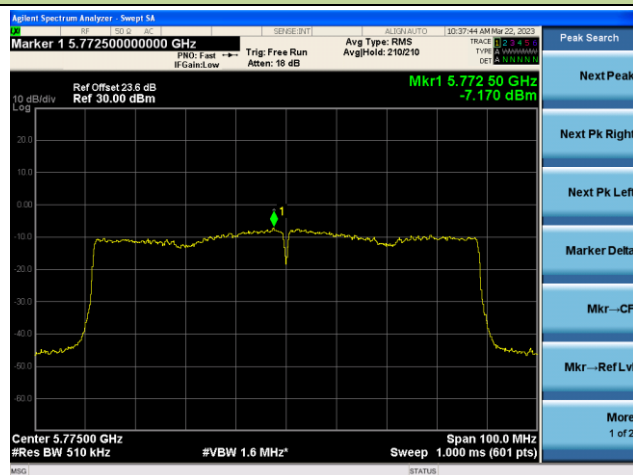
Channel 106 (5530MHz)



Channel 122 (5610MHz)

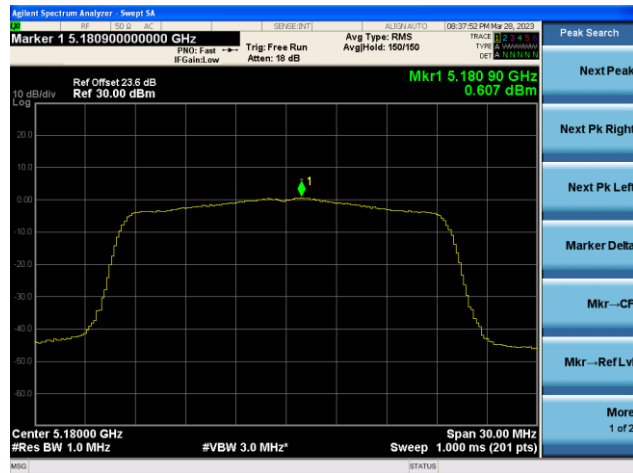


Channel 155 (5775MHz)

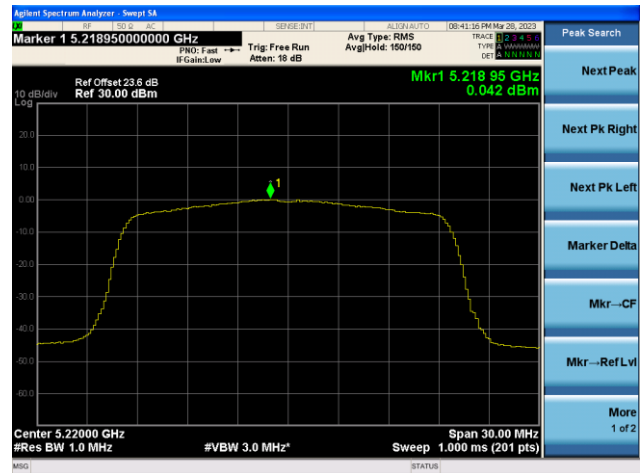


802.11ax-HE20 Power Spectral Density - Ant 2

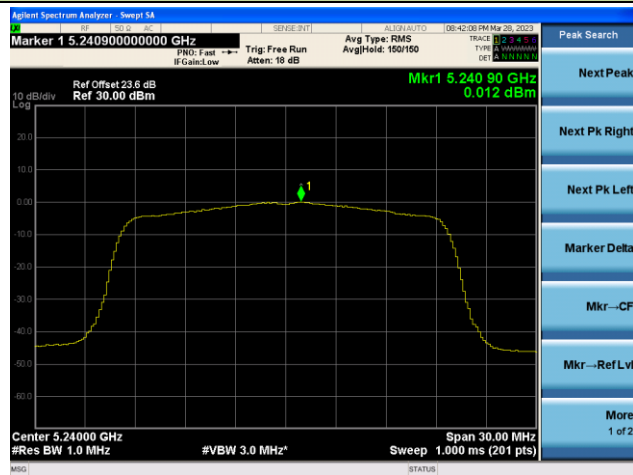
Channel 36 (5180MHz)



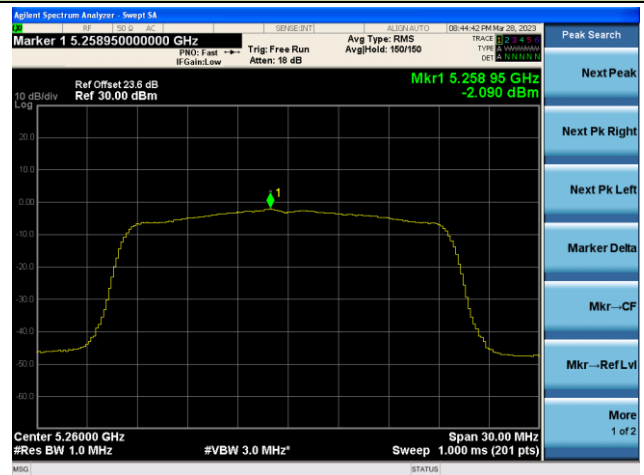
Channel 44 (5220MHz)



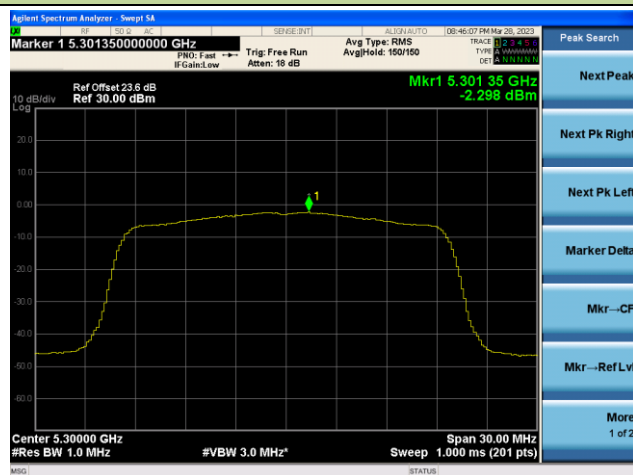
Channel 48 (5240MHz)



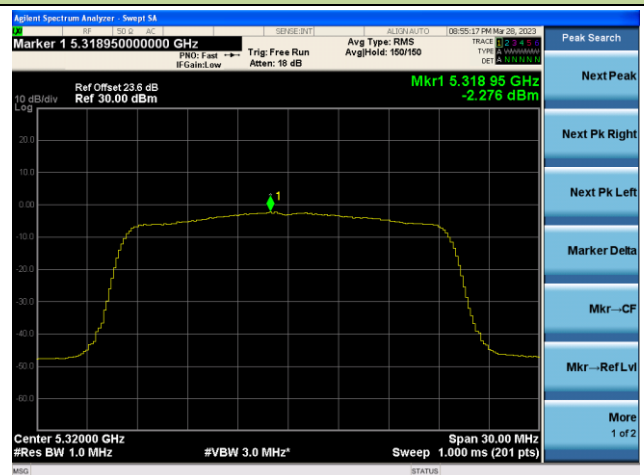
Channel 52 (5260MHz)



Channel 60 (5300MHz)

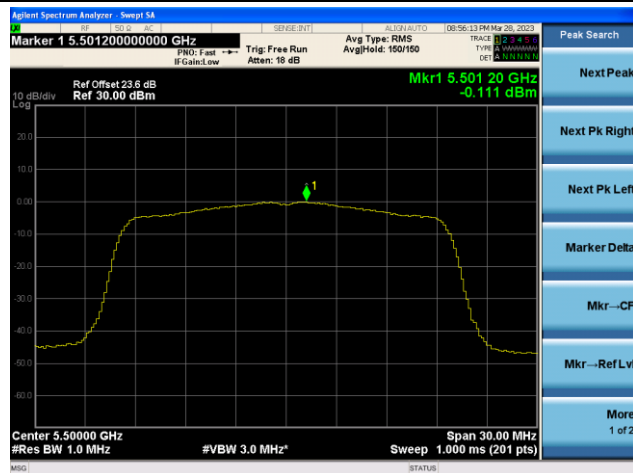


Channel 64 (5320MHz)

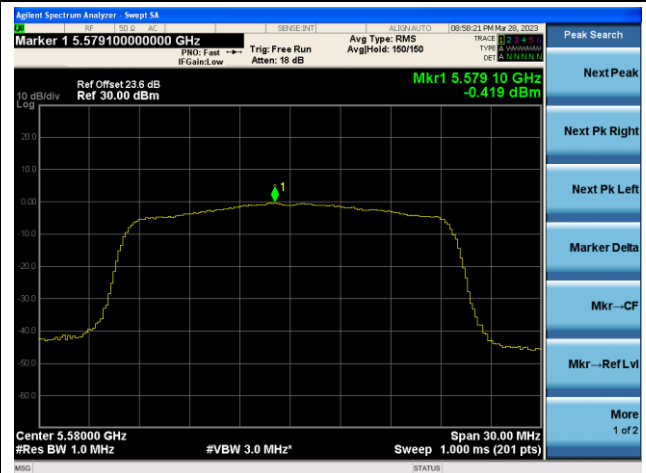


802.11ax-HE20 Power Spectral Density - Ant 2

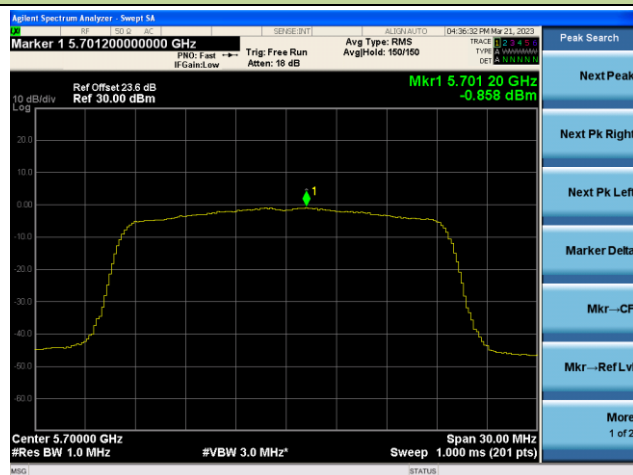
Channel 100 (5500MHz)



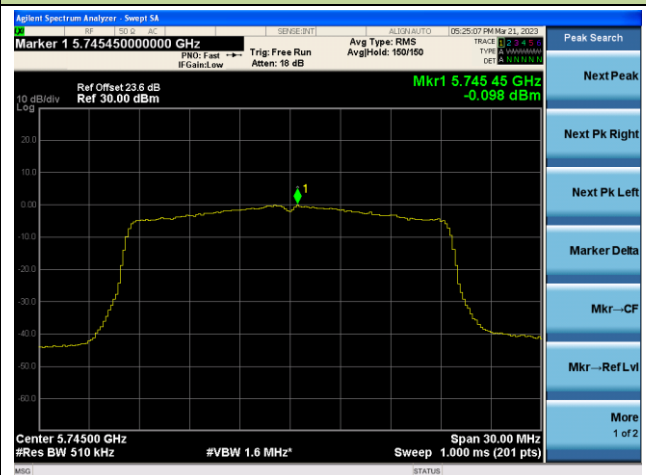
Channel 116 (5580MHz)



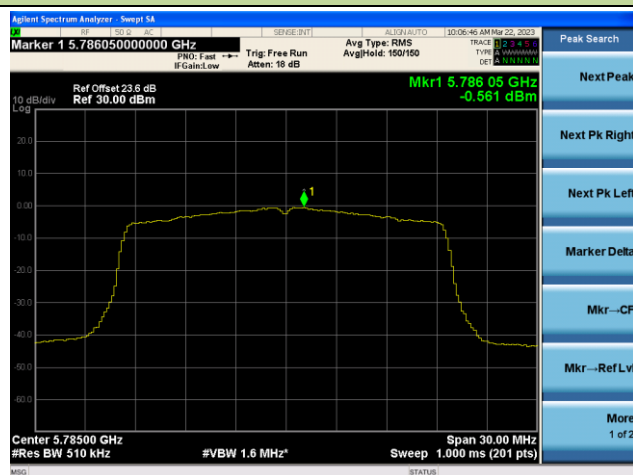
Channel 140 (5700MHz)



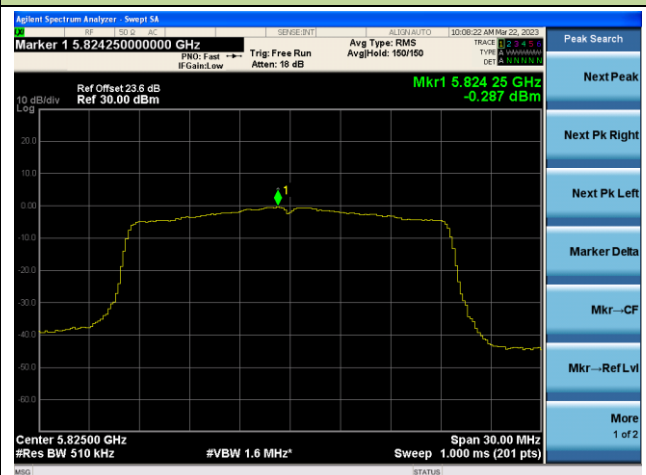
Channel 149 (5745MHz)



Channel 157(5785MHz)

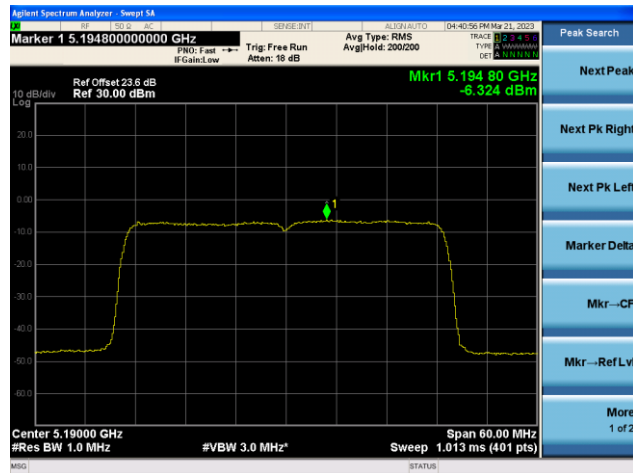


Channel 165 (5825MHz)

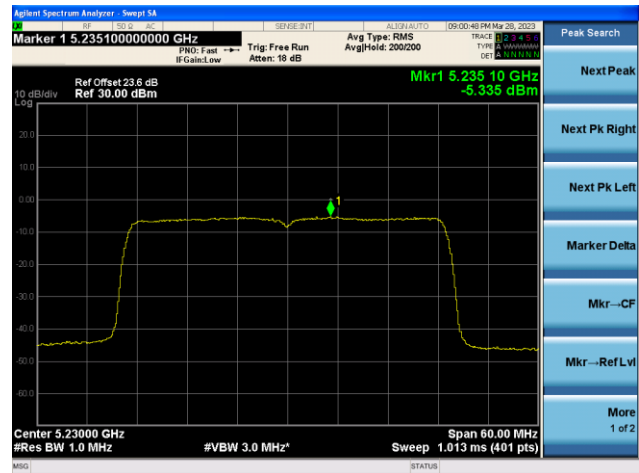


802.11ax-HE40 Power Spectral Density - Ant 2

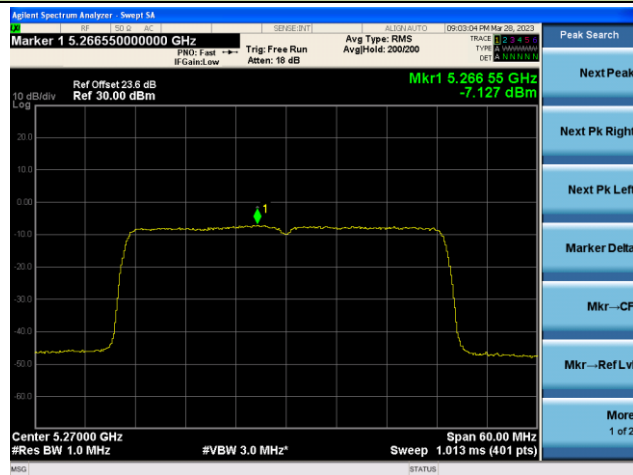
Channel 38 (5190MHz)



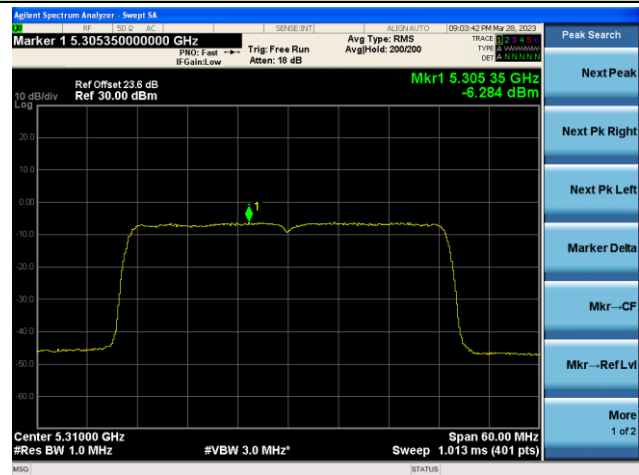
Channel 46 (5230MHz)



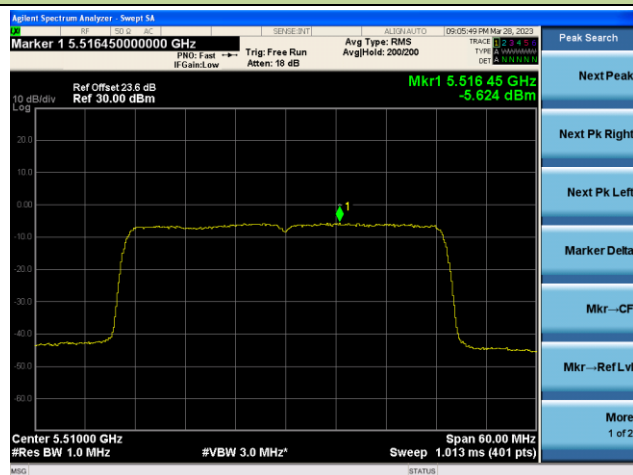
Channel 54 (5270MHz)



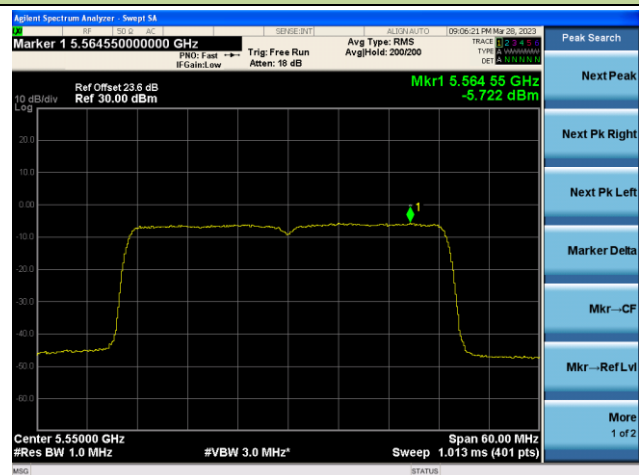
Channel 62 (5310MHz)



Channel 102 (5510MHz)

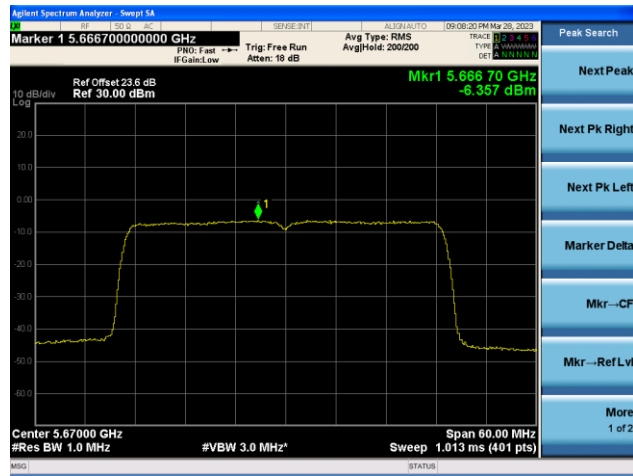


Channel 110 (5550MHz)

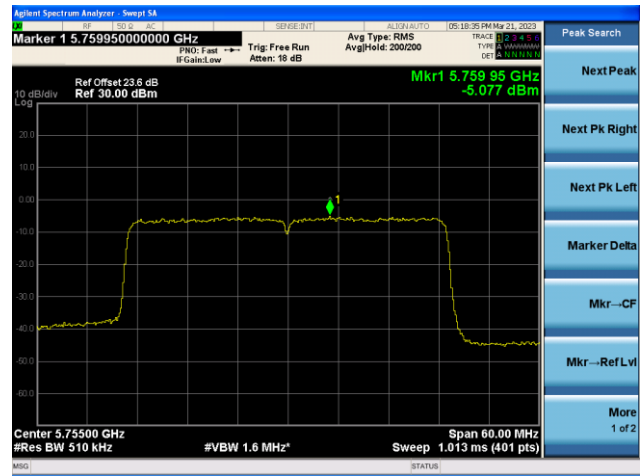


802.11ax-HE40 Power Spectral Density - Ant 2

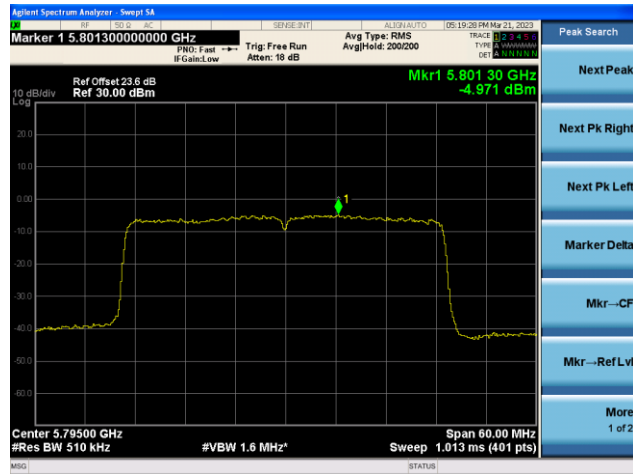
Channel 134 (5670MHz)



Channel 151 (5755MHz)

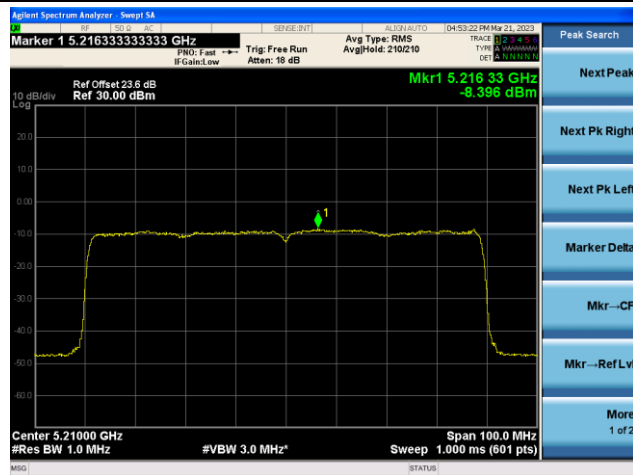


Channel 159(5795MHz)

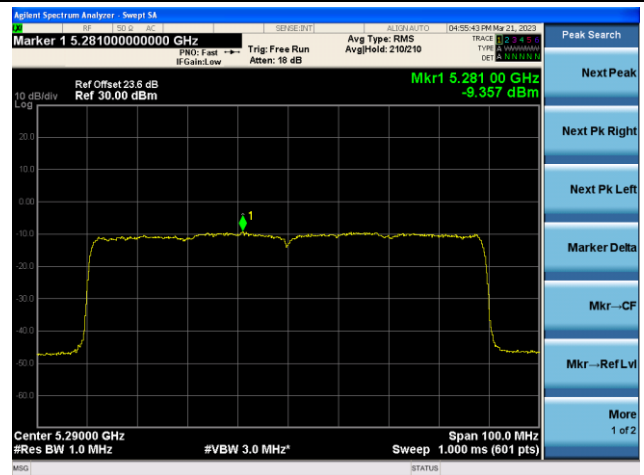


802.11ax-HE80 Power Spectral Density - Ant 2

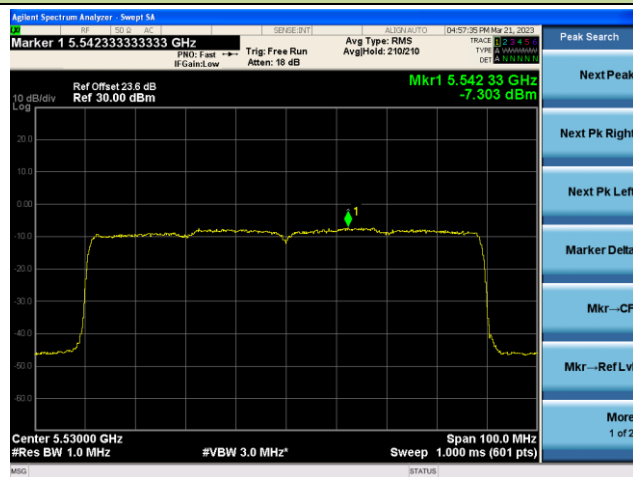
Channel 42 (5210MHz)



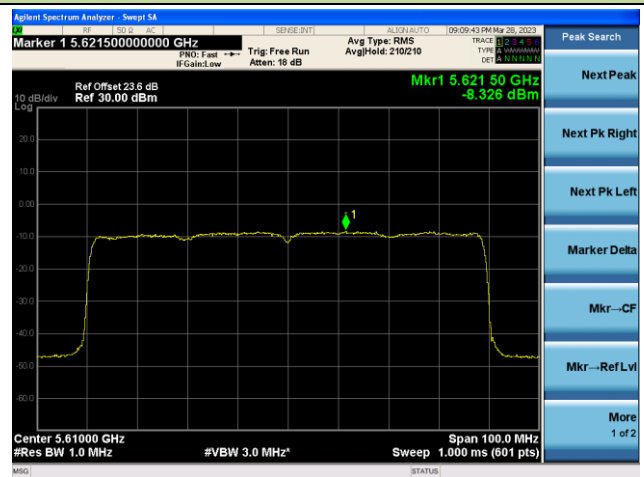
Channel 58 (5290MHz)



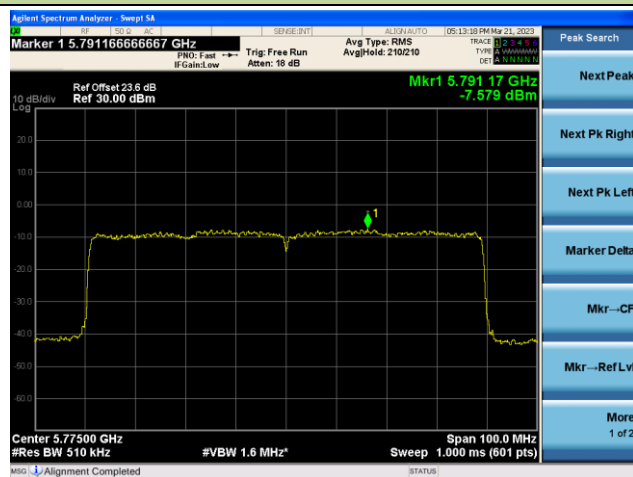
Channel 106 (5530MHz)



Channel 122 (5610MHz)



Channel 155 (5775MHz)



Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2023-03-	Test Mode	MIMO Mode
Test Item	Power Spectral Density (UNII-Band 1 & UNII-2a & UNII-2c)		
Test Mode	802.11ax-HE, partial RU		

Test Mode	Tone	RU	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)		Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
					Ant 3	Ant 2		
11ax-HE20	26 Tone	RU 0	36	5180	7.018	4.703	10.45	11.00
			44	5220	7.360	5.018	10.78	11.00
			48	5240	7.624	4.847	10.89	11.00
			52	5260	7.485	4.022	10.52	11.00
			60	5300	7.100	4.069	10.28	11.00
			64	5320	7.194	4.897	10.63	11.00
			100	5500	7.006	5.351	10.69	10.89
			116	5580	6.156	4.105	9.68	10.89
			140	5700	6.847	5.047	10.47	10.89
		RU 4	36	5180	7.017	5.672	10.83	11.00
			44	5220	7.010	4.141	10.24	11.00
			48	5240	6.863	4.381	10.23	11.00
			52	5260	7.763	4.559	10.88	11.00
			60	5300	7.669	4.010	10.65	11.00
			64	5320	7.342	4.580	10.61	11.00
			100	5500	6.544	4.798	10.19	10.89
			116	5580	6.941	5.009	10.51	10.89
			140	5700	5.968	4.518	9.74	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 ≥ 98%, the total PSD (dBm/510kHz) = $10 \cdot \log \{10^{(\text{Ant 3 AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)}\}$.

Test Mode	Tone	RU	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)		Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
					Ant 3	Ant 2		
11ax-HE20	26 Tone	RU 8	36	5180	7.831	4.544	10.92	11.00
			44	5220	7.550	4.362	10.67	11.00
			48	5240	7.412	4.883	10.76	11.00
			52	5260	7.240	4.158	10.40	11.00
			60	5300	7.400	4.002	10.46	11.00
			64	5320	7.260	4.071	10.38	11.00
			100	5500	6.355	4.282	9.87	10.89
			116	5580	6.624	4.744	10.22	10.89
			140	5700	6.694	5.495	10.57	10.89
	484 Tone	RU 61	36	5180	0.714	-2.111	4.98	11.00
			44	5220	-0.027	-1.617	4.70	11.00
			48	5240	0.311	-2.274	4.66	11.00
			52	5260	-1.510	-4.399	2.74	11.00
			60	5300	-1.501	-4.421	2.73	11.00
			64	5320	-1.691	-3.881	2.81	11.00
			100	5500	-1.226	-2.384	3.69	10.89
			116	5580	-0.547	-2.897	3.89	10.89
			140	5700	-1.731	-2.762	3.24	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 Mode	Tone	RU	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)		Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
					Ant 3	Ant 2		
11ax-HE40	26 Tone	RU 0	38	5190	7.393	4.944	10.78	11.00
			46	5230	7.704	4.674	10.89	11.00
			54	5270	7.587	4.925	10.90	11.00
			62	5310	7.413	4.646	10.69	11.00
			102	5510	6.210	4.092	9.72	10.89
			118	5590	6.176	4.075	9.69	10.89
			134	5670	6.885	5.178	10.55	10.89
		RU 8	38	5190	6.971	4.074	10.20	11.00
			46	5230	7.230	4.077	10.37	11.00
			54	5270	7.223	3.902	10.31	11.00
			62	5310	7.675	4.005	10.66	11.00
			102	5510	6.780	4.661	10.29	10.89
			118	5590	6.909	4.749	10.40	10.89
			134	5670	6.403	4.447	9.97	10.89
		RU 17	38	5190	6.813	3.347	9.86	11.00
			46	5230	6.642	3.251	9.71	11.00
			54	5270	7.577	3.671	10.49	11.00
			62	5310	7.376	3.807	10.39	11.00
			102	5510	6.021	4.490	9.76	10.89
			118	5590	7.048	5.445	10.76	10.89
			134	5670	6.836	5.285	10.57	10.89
	484 Tone	RU 65	38	5190	-6.569	-8.845	-2.11	11.00
			46	5230	-2.814	-5.305	1.57	11.00
			54	5270	-3.842	-6.330	0.54	11.00
			62	5310	-4.187	-6.871	0.13	11.00
			102	5510	-4.624	-6.123	0.14	10.89
			118	5590	-4.654	-6.100	0.13	10.89
			134	5670	-5.320	-6.587	-0.46	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 ≥ 98%, the total PSD (dBm/510kHz) = $10 \cdot \log \{10^{(\text{Ant 3 AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)}\}$.

Test Mode	Tone	RU	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)		Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
					Ant 3	Ant 2		
11ax-HE80	26 Tone	RU 0	42	5210	7.111	4.674	10.46	11.00
			58	5290	7.279	3.751	10.26	11.00
			106	5530	7.016	5.204	10.60	10.89
			122	5610	7.105	5.411	10.74	10.89
		RU 18	42	5210	6.813	4.405	10.17	11.00
			58	5290	6.072	3.598	9.41	11.00
			106	5530	6.403	5.003	10.16	10.89
			122	5610	6.285	4.758	9.99	10.89
		RU 36	42	5210	7.413	5.017	10.78	11.00
			58	5290	7.554	5.092	10.89	11.00
			106	5530	7.189	5.392	10.78	10.89
			122	5610	6.794	5.288	10.50	10.89
	996 Tone	RU 67	42	5210	-8.398	-10.539	-3.84	11.00
			58	5290	-6.886	-9.487	-2.50	11.00
			106	5530	-7.231	-8.779	-2.44	10.89
			122	5610	-7.604	-9.170	-2.82	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	202	Test Mode	MIMO Mode
Test Item	Power Spectral Density (UNII-Band 3)		
Test Mode	802.11ax-HE, RU		

Test Mode	Tone	RU	Channel No.	Freq. (MHz)	AVPSD (dBm/ 510kHz)		Total PSD (dBm/ 510kHz)	PSD Limit (dBm/ 500kHz)
					Ant 3	Ant 2		
11ax-HE20	26 Tone	RU 0	149	5745	7.500	6.831	11.61	29.89
			157	5785	7.202	6.753	11.42	29.89
			165	5825	7.346	6.606	11.42	29.89
		RU 4	149	5745	7.399	6.940	11.61	29.89
			157	5785	7.686	6.885	11.74	29.89
			165	5825	7.454	6.999	11.67	29.89
		RU 8	149	5745	7.996	7.263	12.08	29.89
			157	5785	7.567	6.848	11.66	29.89
			165	5825	7.305	6.867	11.52	29.89
	242 Tone	RU 61	149	5745	-1.880	-2.056	3.49	29.89
			157	5785	-1.625	-2.434	3.44	29.89
			165	5825	-1.158	-2.333	3.75	29.89
11ax-HE40	26 Tone	RU 0	151	5755	7.439	6.862	11.60	29.89
			159	5795	7.105	6.733	11.36	29.89
		RU 8	151	5755	8.152	7.342	12.21	29.89
			159	5795	8.380	7.329	12.33	29.89
		RU 17	151	5755	7.395	7.389	11.83	29.89
			159	5795	7.374	6.393	11.35	29.89
	484 Tone	RU 65	151	5755	-5.285	-5.492	0.06	29.89
			159	5795	-5.125	-4.470	0.67	29.89
11ax-HE80	26 Tone	RU 0	155	5775	8.615	7.586	12.53	29.89
		RU 18	155	5775	7.161	7.335	11.65	29.89
		RU 36	155	5775	7.994	7.375	12.09	29.89
	996 Tone	RU 67	155	5775	-9.246	-8.470	-3.35	29.89

Note:

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

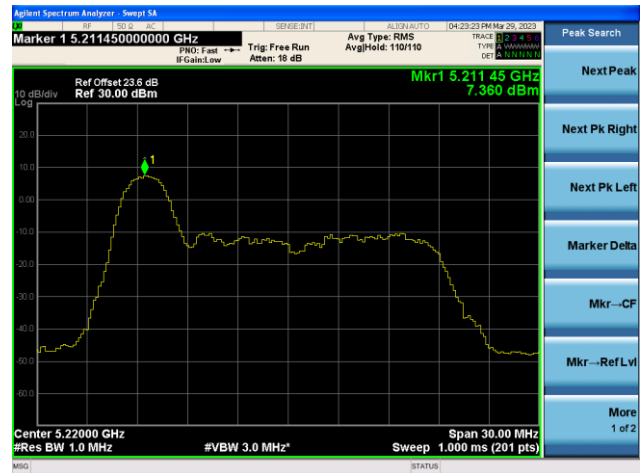
When EUT duty cycle $\geq$ 98%, the total PSD (dBm/510kHz) = $10 \cdot \log \{10^{(\text{Ant 3 AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)}\}$.

802.11ax-HE20 Power Spectral Density - Ant 3 – 26 Tone RU 0

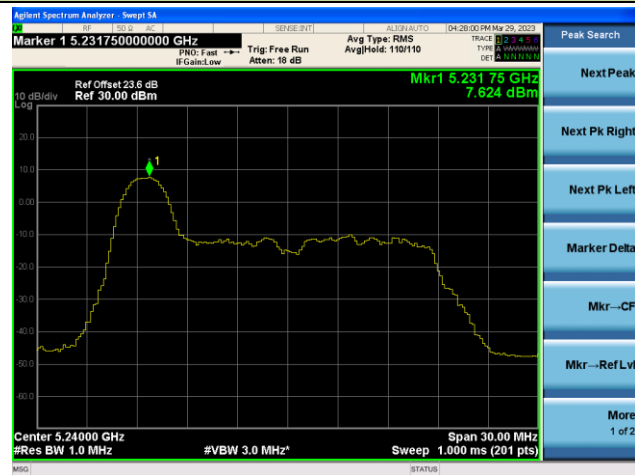
Channel 36 (5180MHz)



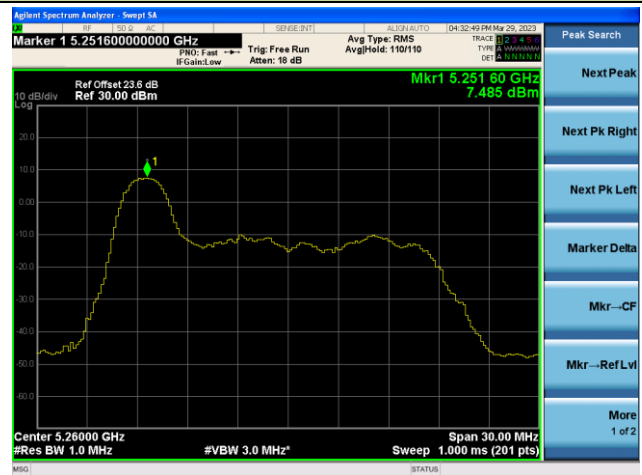
Channel 44 (5220MHz)



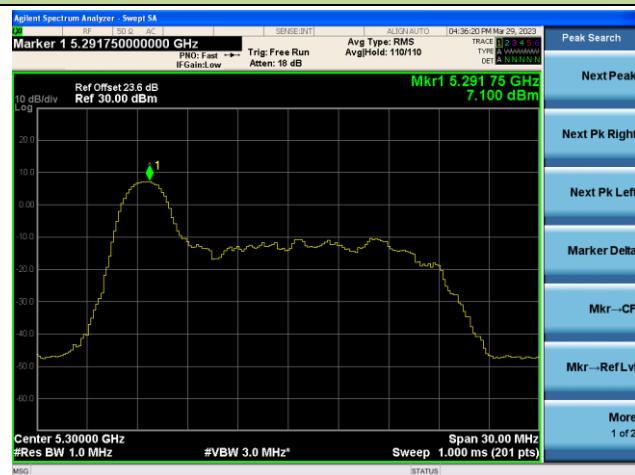
Channel 48 (5240MHz)



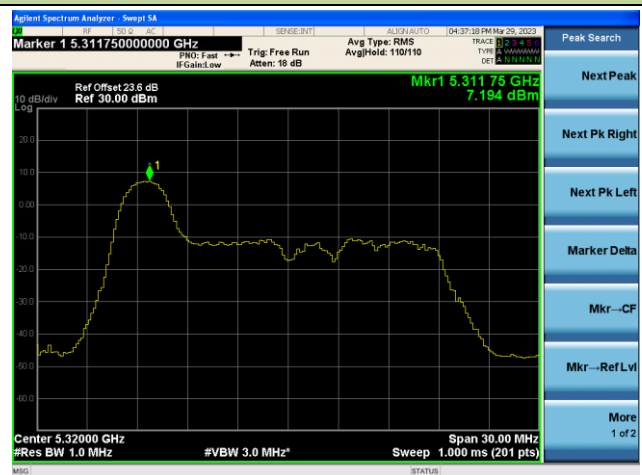
Channel 52 (5260MHz)



Channel 60 (5300MHz)

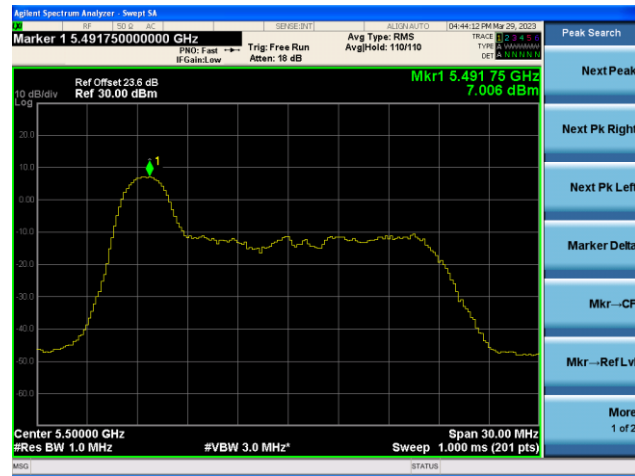


Channel 64 (5320MHz)



802.11ax-HE20 Power Spectral Density - Ant 3 – 26 Tone RU 0

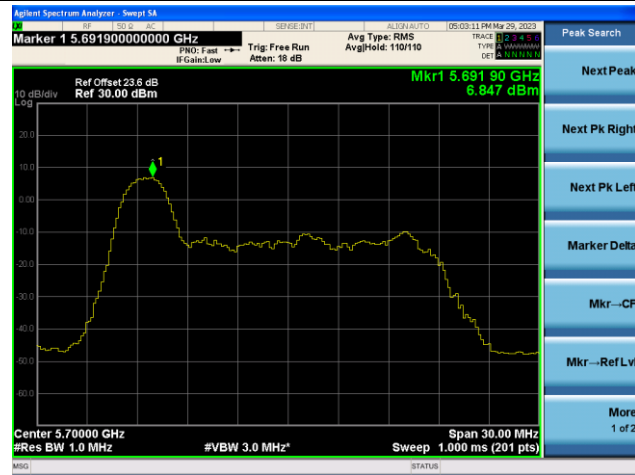
Channel 100 (5500MHz)



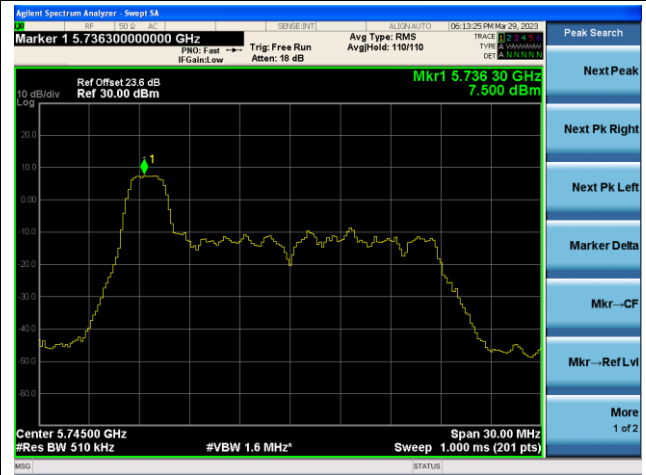
Channel 116 (5580MHz)



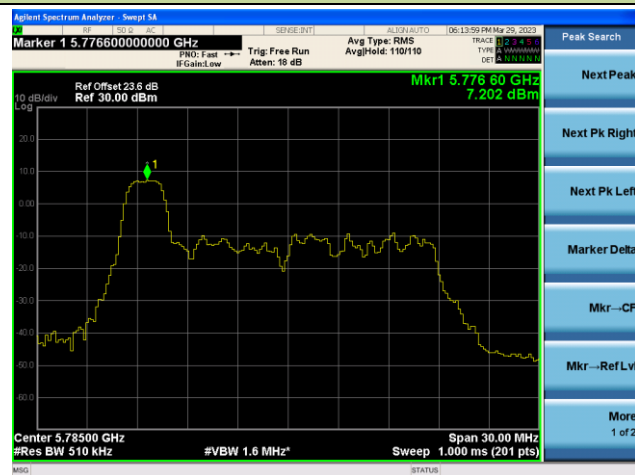
Channel 140 (5700MHz)



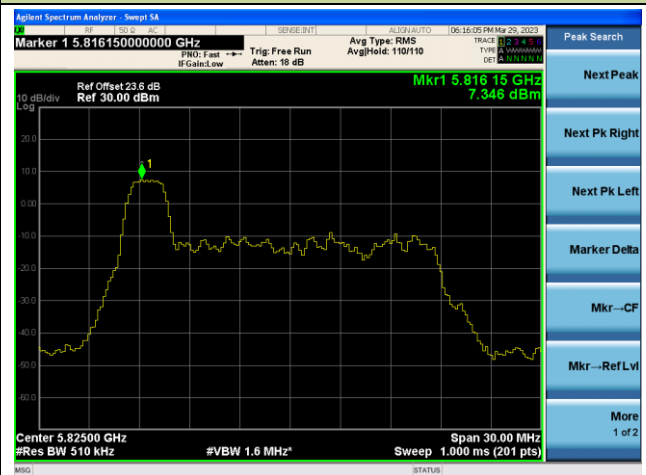
Channel 149 (5745MHz)



Channel 157(5785MHz)



Channel 165 (5825MHz)



802.11ax-HE20 Power Spectral Density - Ant 3 – 26 Tone RU 4

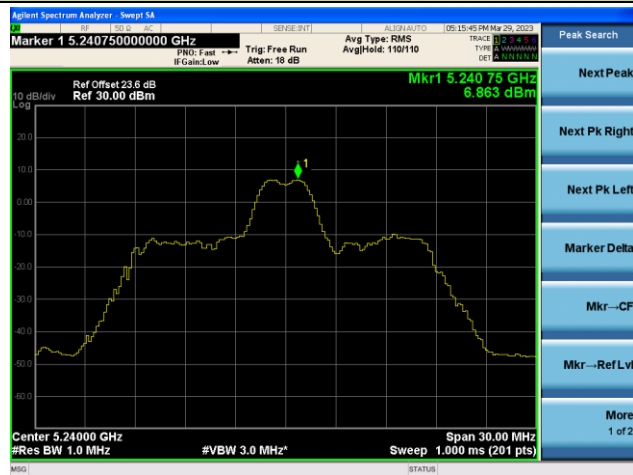
Channel 36 (5180MHz)



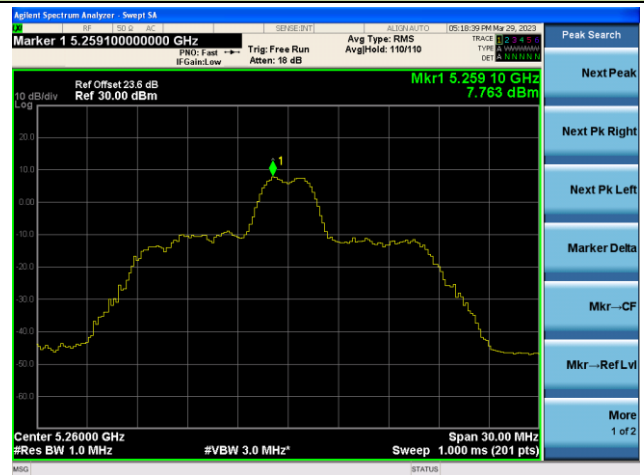
Channel 44 (5220MHz)



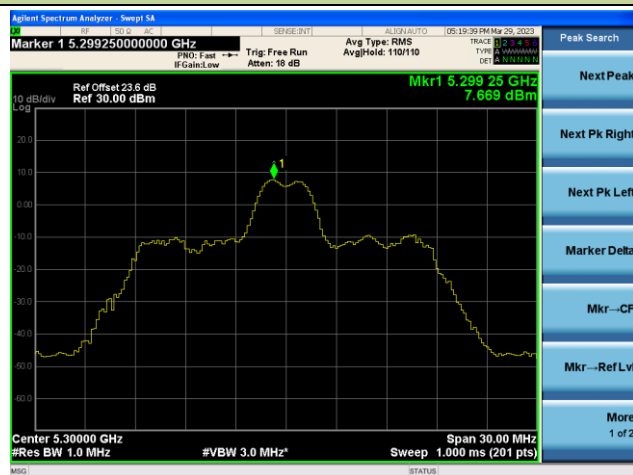
Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



802.11ax-HE20 Power Spectral Density - Ant 3 – 26 Tone RU 4

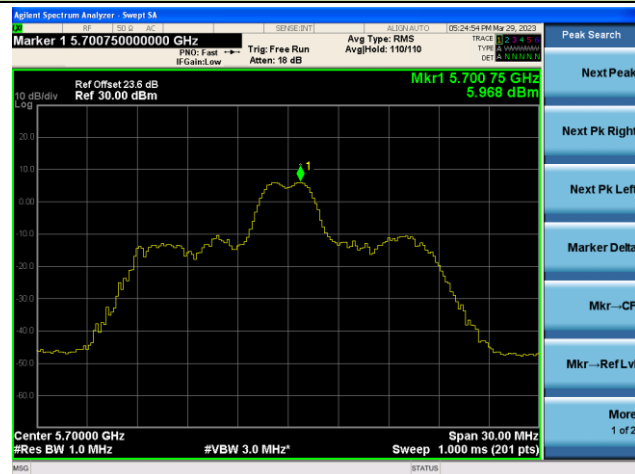
Channel 100 (5500MHz)



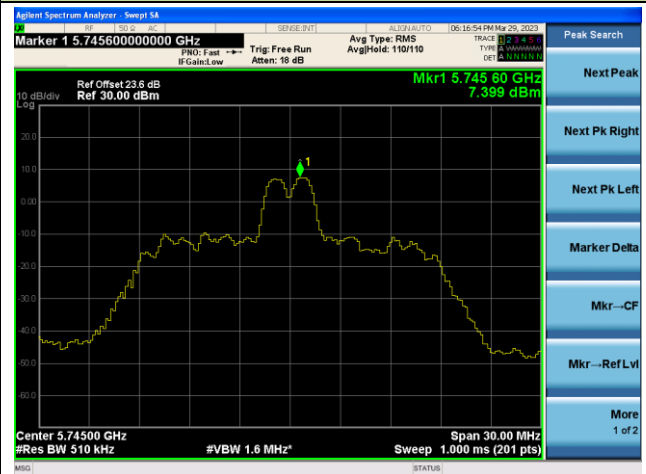
Channel 116 (5580MHz)



Channel 140 (5700MHz)



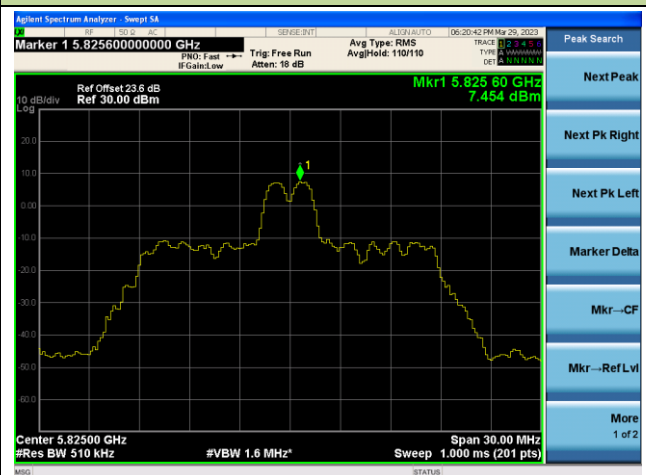
Channel 149 (5745MHz)



Channel 157(5785MHz)

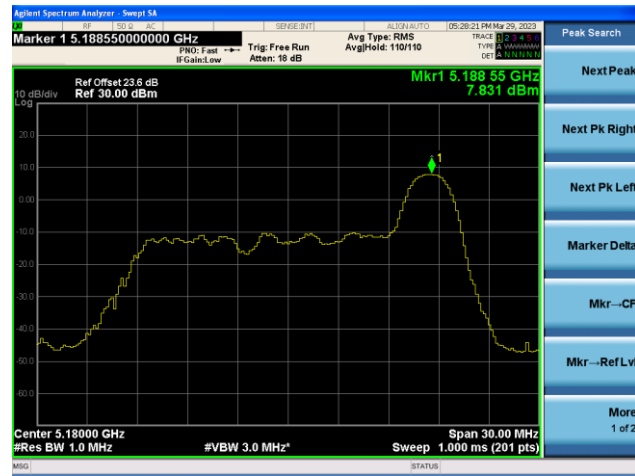


Channel 165 (5825MHz)



802.11ax-HE20 Power Spectral Density - Ant 3 – 26 Tone RU 8

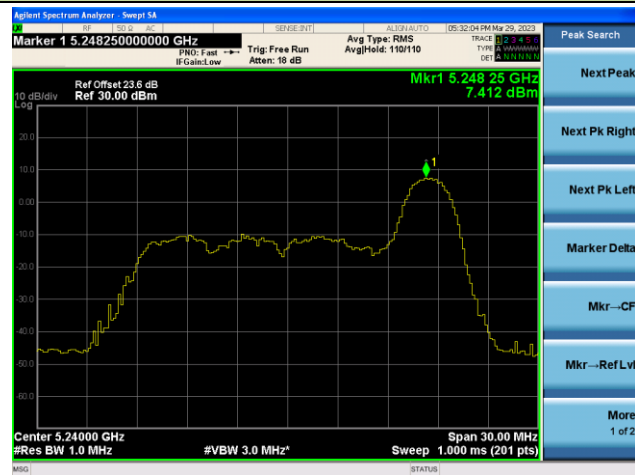
Channel 36 (5180MHz)



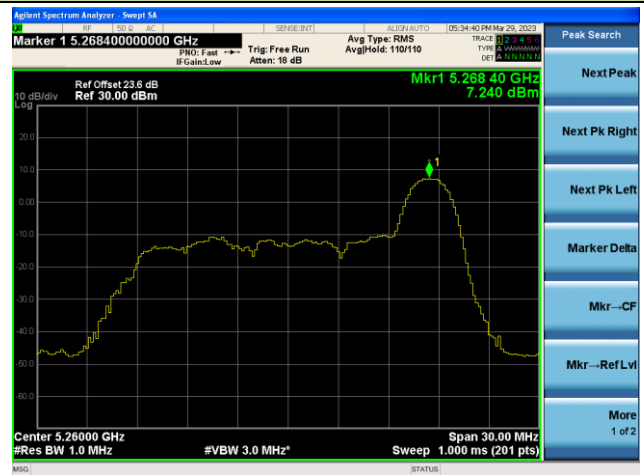
Channel 44 (5220MHz)



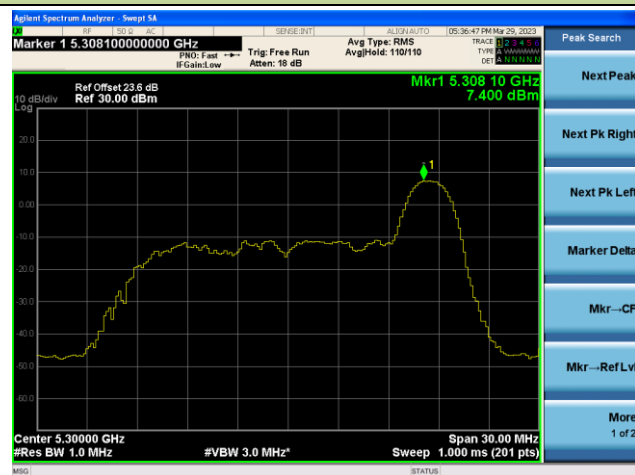
Channel 48 (5240MHz)



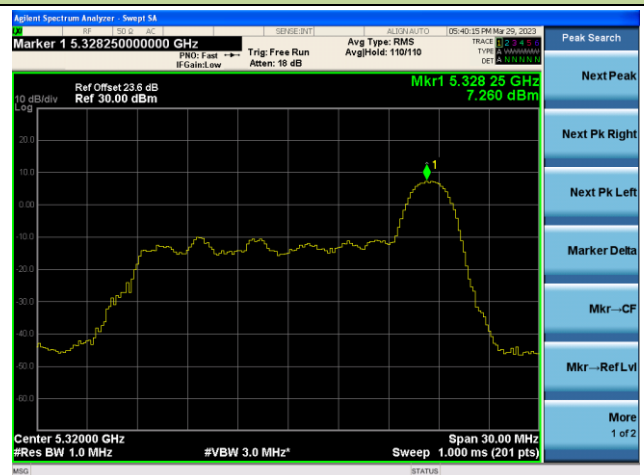
Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)

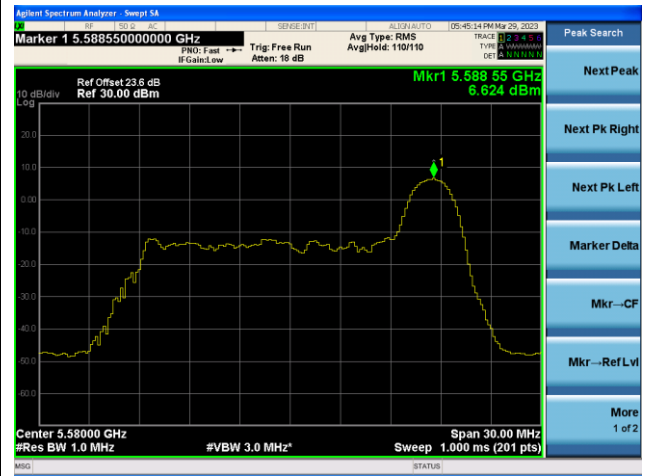


802.11ax-HE20 Power Spectral Density - Ant 3 – 26 Tone RU 8

Channel 100 (5500MHz)



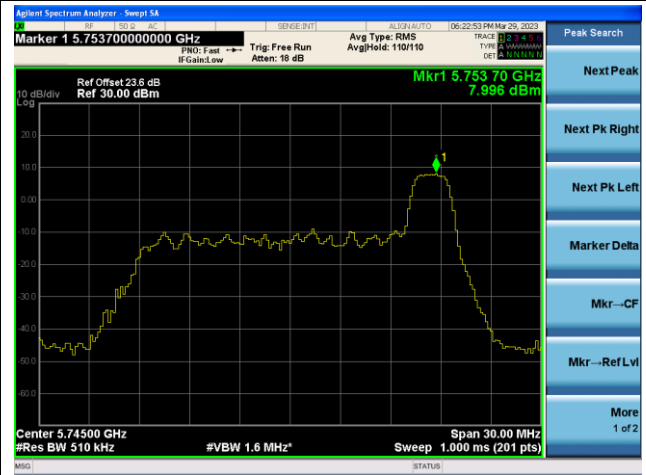
Channel 116 (5580MHz)



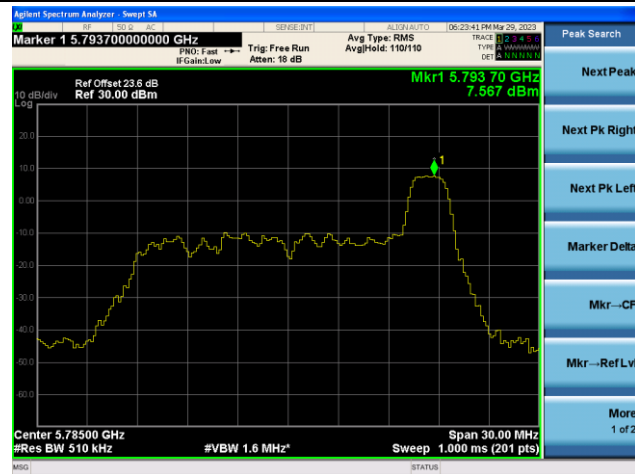
Channel 140 (5700MHz)



Channel 149 (5745MHz)



Channel 157(5785MHz)



Channel 165 (5825MHz)

