

Test Report

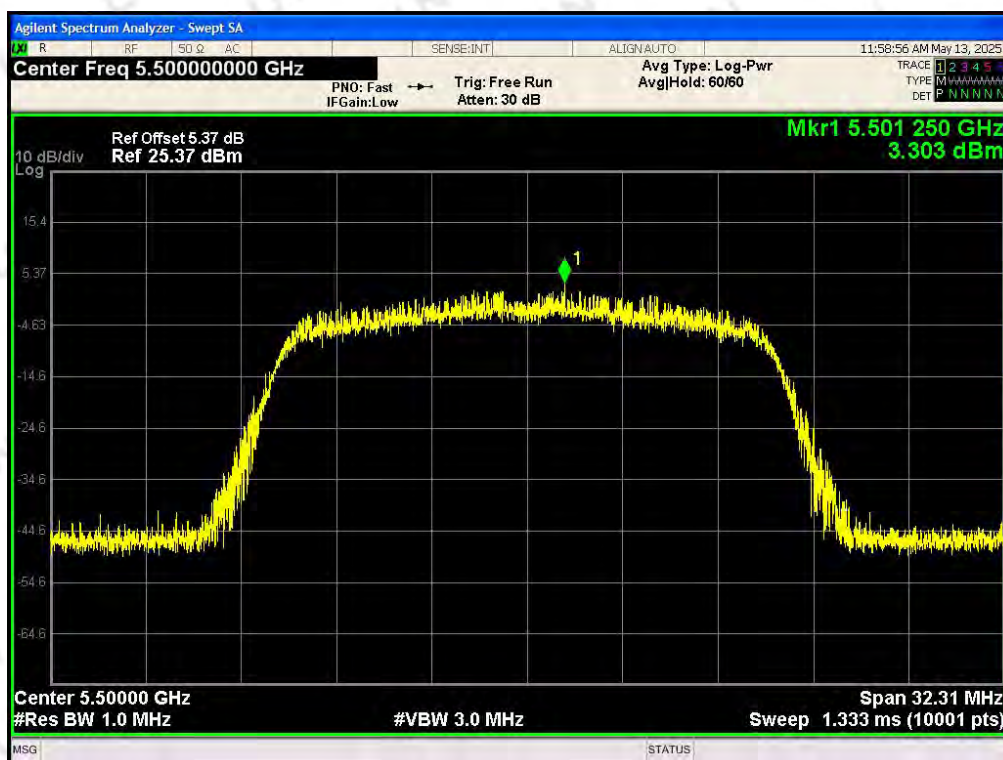
5G WIFI B3 RF test data

Maximum Power Spectral Density Level

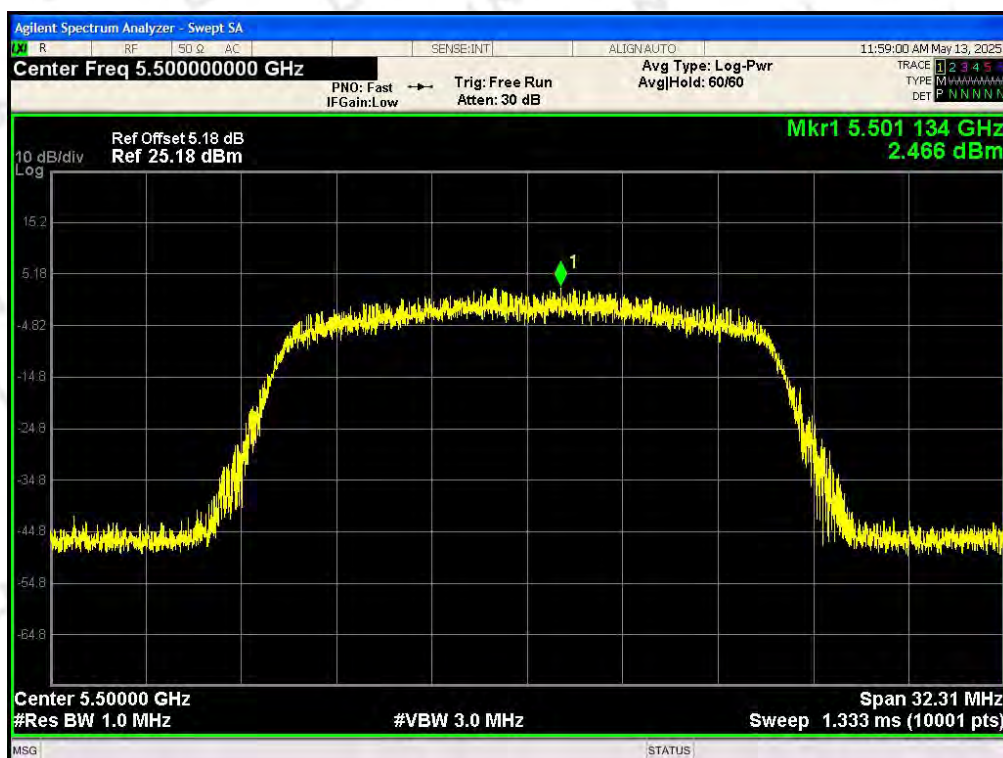
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5500	Ant 0	3.303	4.53	7.833	11	Pass
NVNT	802.11a	5500	Ant 1	2.466	4.53	6.996	11	Pass
NVNT	802.11a	5500	Total	5.915	4.53	10.445	11	Pass
NVNT	802.11a	5600	Ant 0	3.316	4.53	7.846	11	Pass
NVNT	802.11a	5600	Ant 1	1.425	4.53	5.955	11	Pass
NVNT	802.11a	5600	Total	5.483	4.53	10.013	11	Pass
NVNT	802.11a	5700	Ant 0	2.166	4.53	6.696	11	Pass
NVNT	802.11a	5700	Ant 1	1.033	4.53	5.563	11	Pass
NVNT	802.11a	5700	Total	4.647	4.53	9.177	11	Pass
NVNT	802.11ac20	5500	Ant 0	-0.554	5.01	4.456	11	Pass
NVNT	802.11ac20	5500	Ant 1	0.159	5.01	5.169	11	Pass
NVNT	802.11ac20	5500	Total	2.827	5.01	7.837	11	Pass
NVNT	802.11ac20	5600	Ant 0	0.075	5.01	5.085	11	Pass
NVNT	802.11ac20	5600	Ant 1	0.67	5.01	5.68	11	Pass
NVNT	802.11ac20	5600	Total	3.393	5.01	8.403	11	Pass
NVNT	802.11ac20	5700	Ant 0	-0.295	4.99	4.695	11	Pass
NVNT	802.11ac20	5700	Ant 1	0.13	4.99	5.12	11	Pass
NVNT	802.11ac20	5700	Total	2.933	4.99	7.923	11	Pass
NVNT	802.11ac40	5510	Ant 0	-4.125	7.23	3.105	11	Pass
NVNT	802.11ac40	5510	Ant 1	-3.182	7.23	4.048	11	Pass
NVNT	802.11ac40	5510	Total	-0.618	7.23	6.612	11	Pass
NVNT	802.11ac40	5590	Ant 0	-3.285	7.32	4.035	11	Pass
NVNT	802.11ac40	5590	Ant 1	-3.712	7.32	3.608	11	Pass
NVNT	802.11ac40	5590	Total	-0.483	7.32	6.837	11	Pass
NVNT	802.11ac40	5670	Ant 0	-3.64	7.32	3.68	11	Pass
NVNT	802.11ac40	5670	Ant 1	-4.625	7.32	2.695	11	Pass
NVNT	802.11ac40	5670	Total	-1.094	7.32	6.226	11	Pass
NVNT	802.11ac80	5530	Ant 0	-7.421	9.91	2.489	11	Pass
NVNT	802.11ac80	5530	Ant 1	-7.679	9.91	2.231	11	Pass
NVNT	802.11ac80	5530	Total	-4.538	9.91	5.372	11	Pass
NVNT	802.11ac80	5610	Ant 0	-7.734	9.91	2.176	11	Pass
NVNT	802.11ac80	5610	Ant 1	-7.191	9.91	2.719	11	Pass
NVNT	802.11ac80	5610	Total	-4.444	9.91	5.466	11	Pass
NVNT	802.11ax20	5500	Ant 0	-3.24	5.48	2.24	11	Pass
NVNT	802.11ax20	5500	Ant 1	-2.428	5.48	3.052	11	Pass
NVNT	802.11ax20	5500	Total	0.195	5.48	5.675	11	Pass

NVNT	802.11ax20	5600	Ant 0	-1.856	5.48	3.624	11	Pass
NVNT	802.11ax20	5600	Ant 1	-3.011	5.48	2.469	11	Pass
NVNT	802.11ax20	5600	Total	0.615	5.48	6.095	11	Pass
NVNT	802.11ax20	5700	Ant 0	-3.987	5.48	1.493	11	Pass
NVNT	802.11ax20	5700	Ant 1	-2.923	5.48	2.557	11	Pass
NVNT	802.11ax20	5700	Total	-0.412	5.48	5.068	11	Pass
NVNT	802.11ax40	5510	Ant 0	-3.21	7.72	4.51	11	Pass
NVNT	802.11ax40	5510	Ant 1	-2.73	7.72	4.99	11	Pass
NVNT	802.11ax40	5510	Total	0.047	7.72	7.767	11	Pass
NVNT	802.11ax40	5590	Ant 0	-1.925	7.61	5.685	11	Pass
NVNT	802.11ax40	5590	Ant 1	-2.206	7.61	5.404	11	Pass
NVNT	802.11ax40	5590	Total	0.947	7.61	8.557	11	Pass
NVNT	802.11ax40	5670	Ant 0	-3.738	7.59	3.852	11	Pass
NVNT	802.11ax40	5670	Ant 1	-4.109	7.59	3.481	11	Pass
NVNT	802.11ax40	5670	Total	-0.909	7.59	6.681	11	Pass
NVNT	802.11ax80	5530	Ant 0	-6.132	10.12	3.988	11	Pass
NVNT	802.11ax80	5530	Ant 1	-7.358	10.12	2.762	11	Pass
NVNT	802.11ax80	5530	Total	-3.692	10.12	6.428	11	Pass
NVNT	802.11ax80	5610	Ant 0	-6.506	9.88	3.374	11	Pass
NVNT	802.11ax80	5610	Ant 1	-6.58	9.88	3.3	11	Pass
NVNT	802.11ax80	5610	Total	-3.533	9.88	6.347	11	Pass
NVNT	802.11n(HT20)	5500	Ant 0	0.008	5.01	5.018	11	Pass
NVNT	802.11n(HT20)	5500	Ant 1	0.466	5.01	5.476	11	Pass
NVNT	802.11n(HT20)	5500	Total	3.253	5.01	8.263	11	Pass
NVNT	802.11n(HT20)	5600	Ant 0	-5.295	12.92	7.625	11	Pass
NVNT	802.11n(HT20)	5600	Ant 1	-5.277	12.92	7.643	11	Pass
NVNT	802.11n(HT20)	5600	Total	-2.276	12.92	10.644	11	Pass
NVNT	802.11n(HT20)	5700	Ant 0	-5.959	12.48	6.521	11	Pass
NVNT	802.11n(HT20)	5700	Ant 1	-5.677	12.48	6.803	11	Pass
NVNT	802.11n(HT20)	5700	Total	-2.805	12.48	9.675	11	Pass
NVNT	802.11n(HT40)	5510	Ant 0	-3.57	7.32	3.75	11	Pass
NVNT	802.11n(HT40)	5510	Ant 1	-3.544	7.32	3.776	11	Pass
NVNT	802.11n(HT40)	5510	Total	-0.547	7.32	6.773	11	Pass
NVNT	802.11n(HT40)	5590	Ant 0	-3.544	7.32	3.776	11	Pass
NVNT	802.11n(HT40)	5590	Ant 1	-3.786	7.32	3.534	11	Pass
NVNT	802.11n(HT40)	5590	Total	-0.653	7.32	6.667	11	Pass
NVNT	802.11n(HT40)	5670	Ant 0	-4.032	7.32	3.288	11	Pass
NVNT	802.11n(HT40)	5670	Ant 1	-4.503	7.32	2.817	11	Pass
NVNT	802.11n(HT40)	5670	Total	-1.251	7.32	6.069	11	Pass

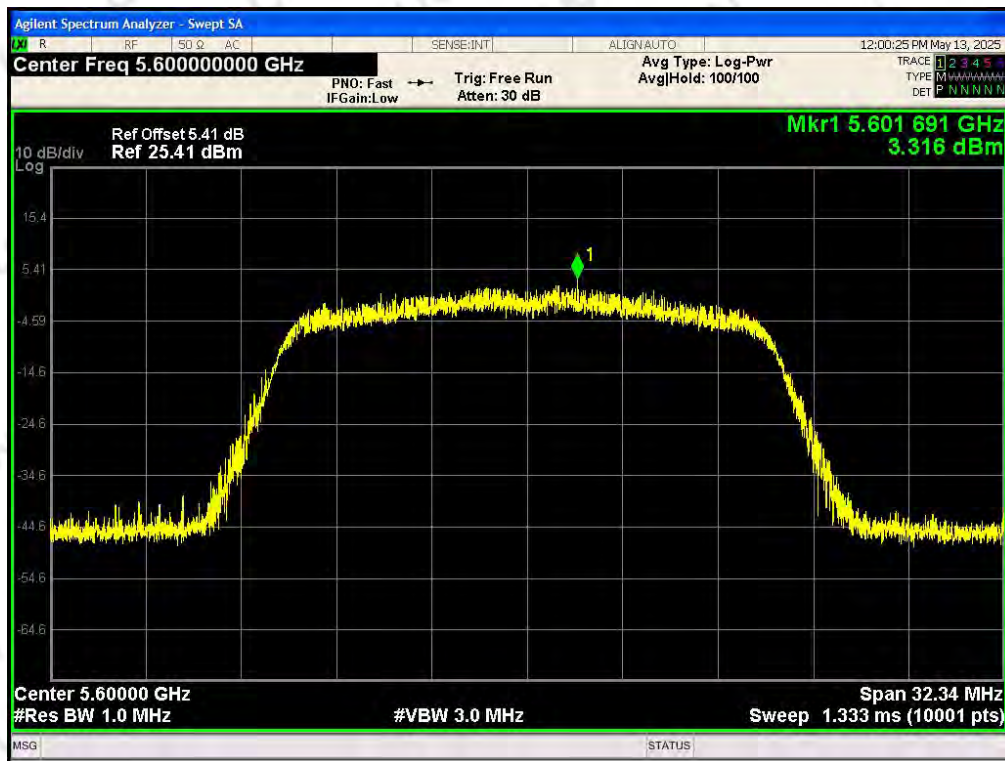
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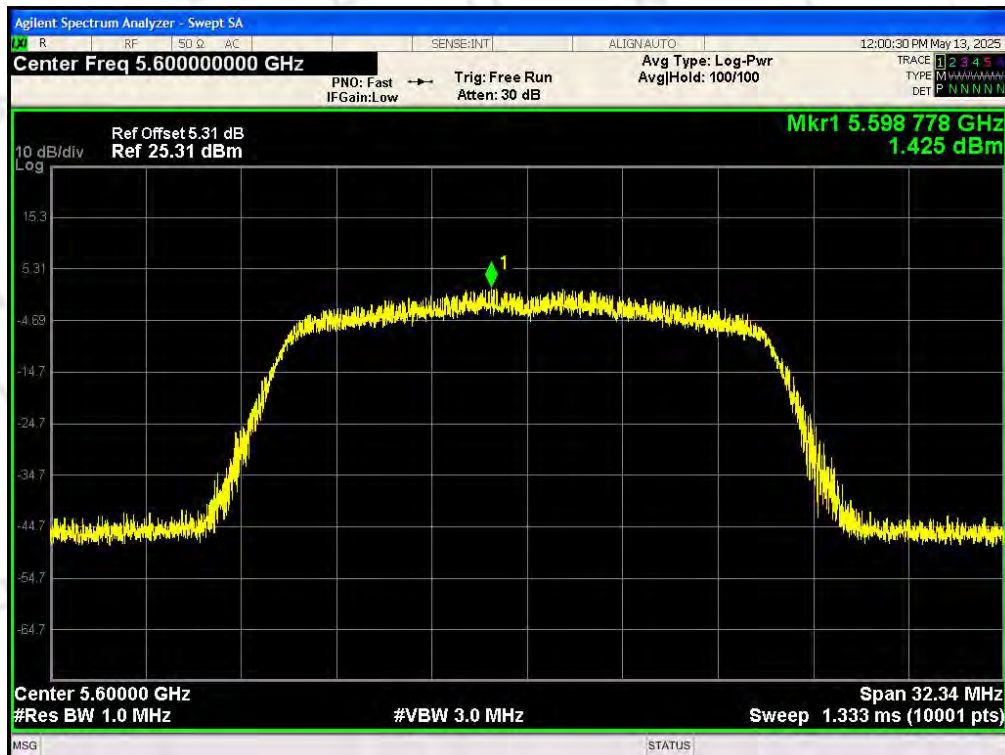
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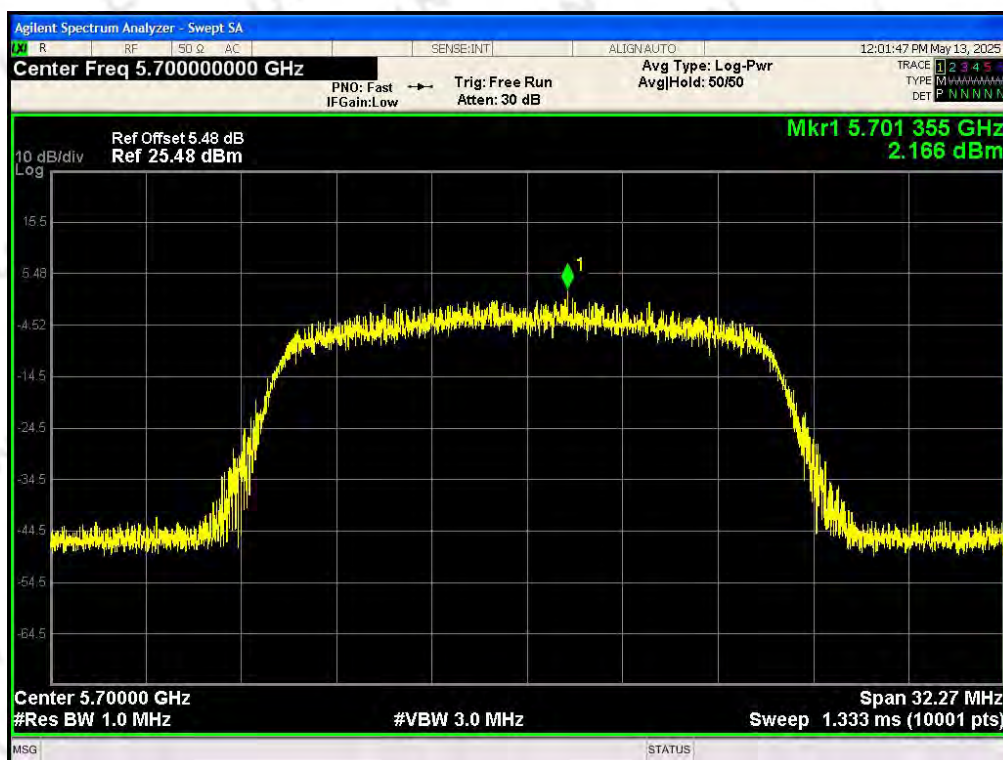
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PSD NVNT 802.11a 5600MHz Ant1



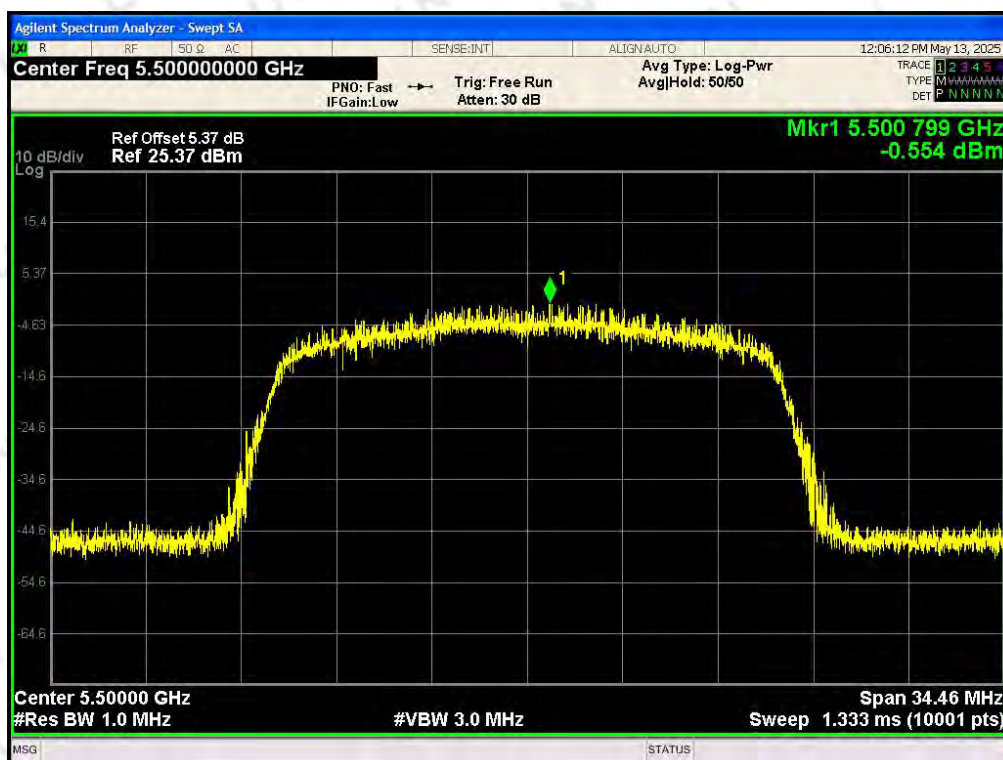
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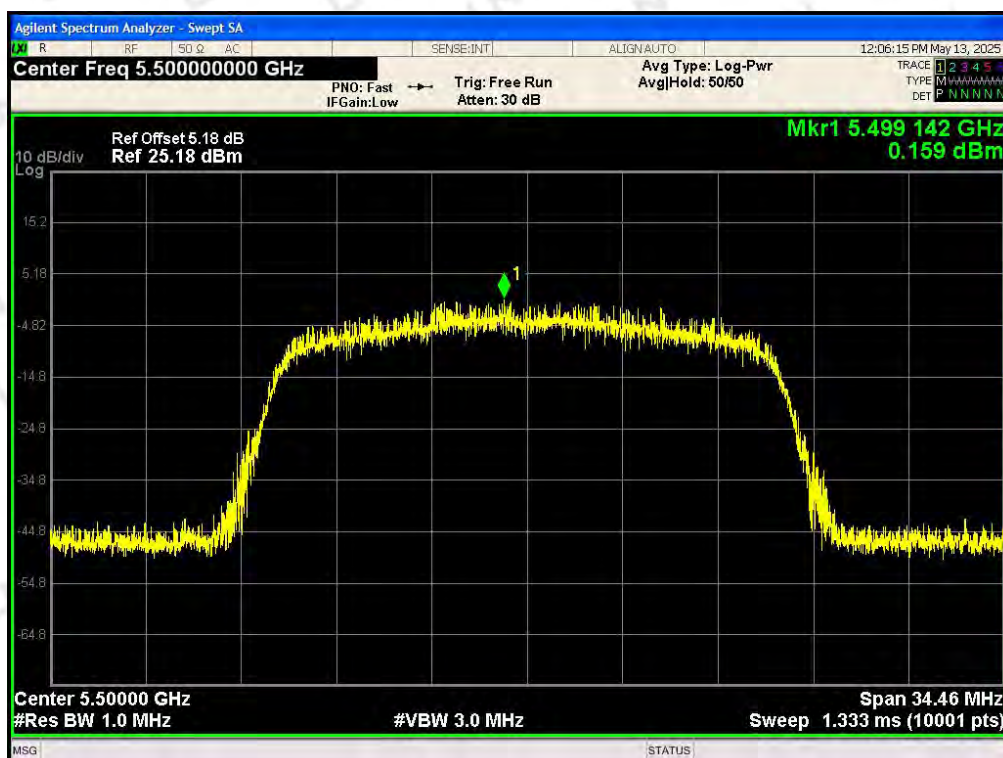
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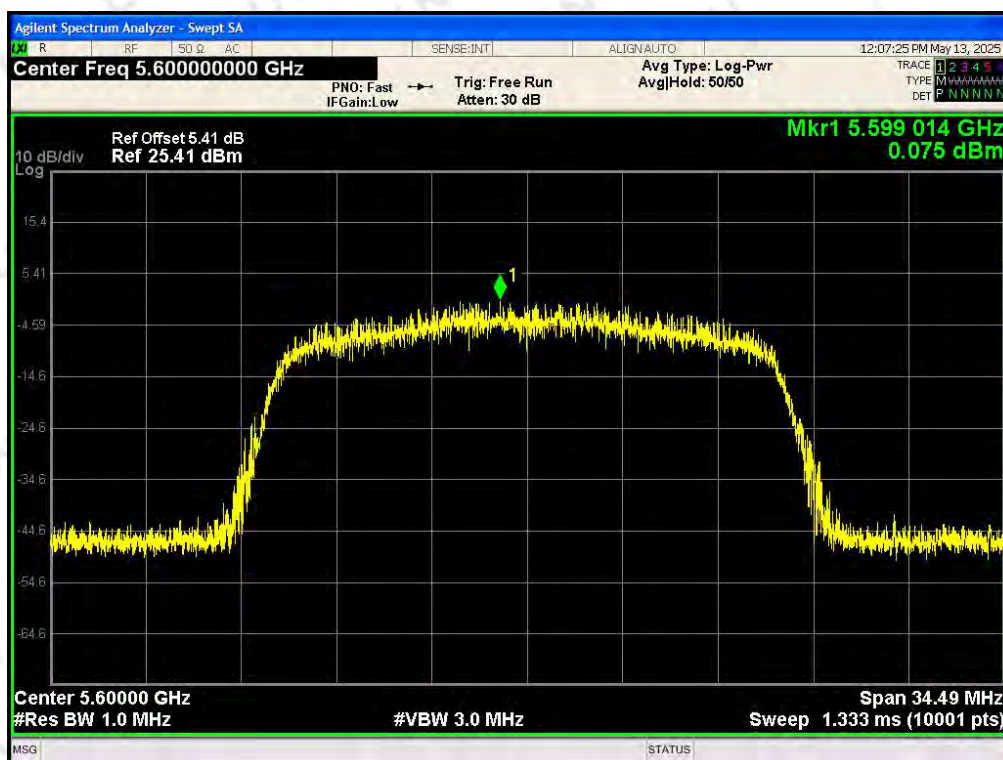
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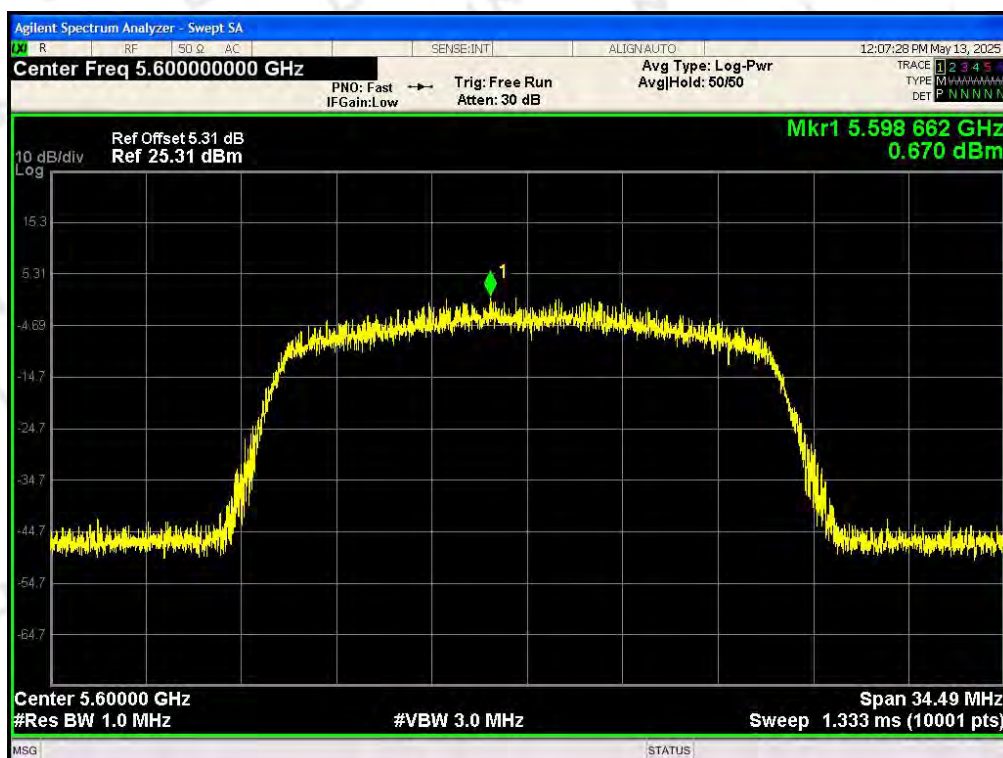
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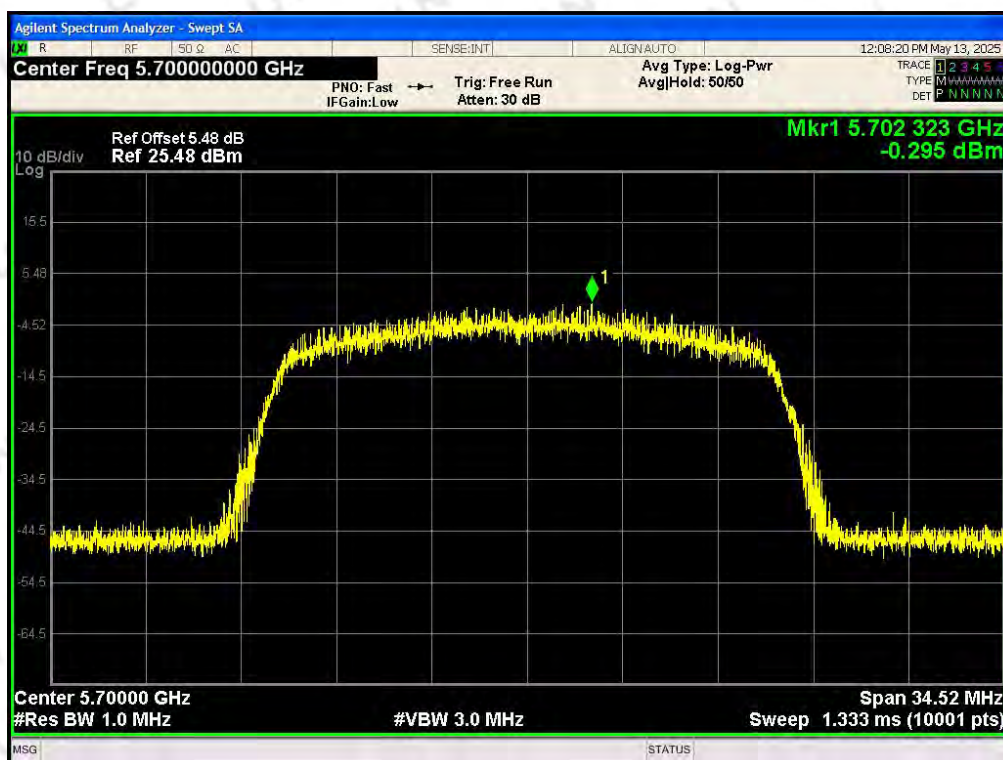
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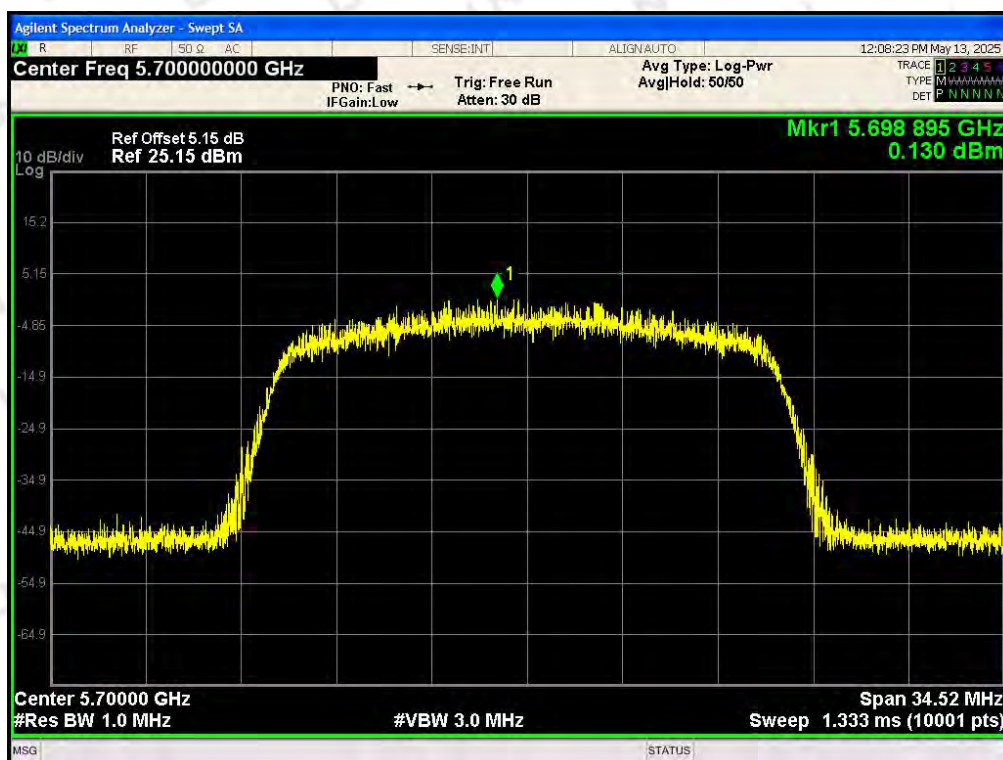
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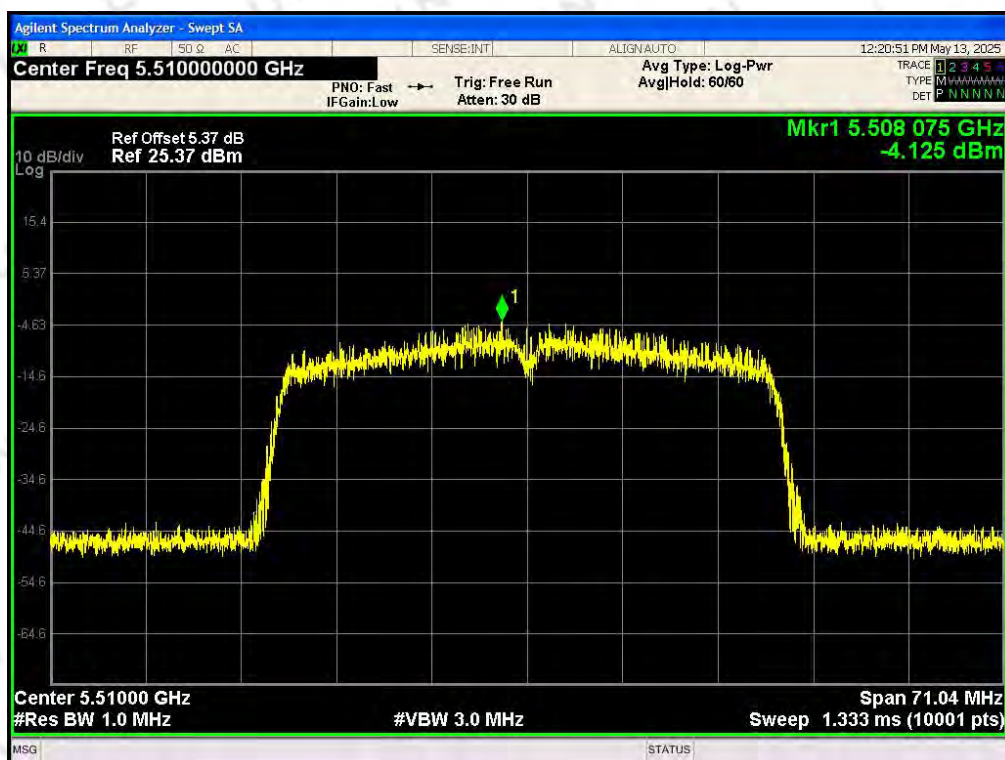
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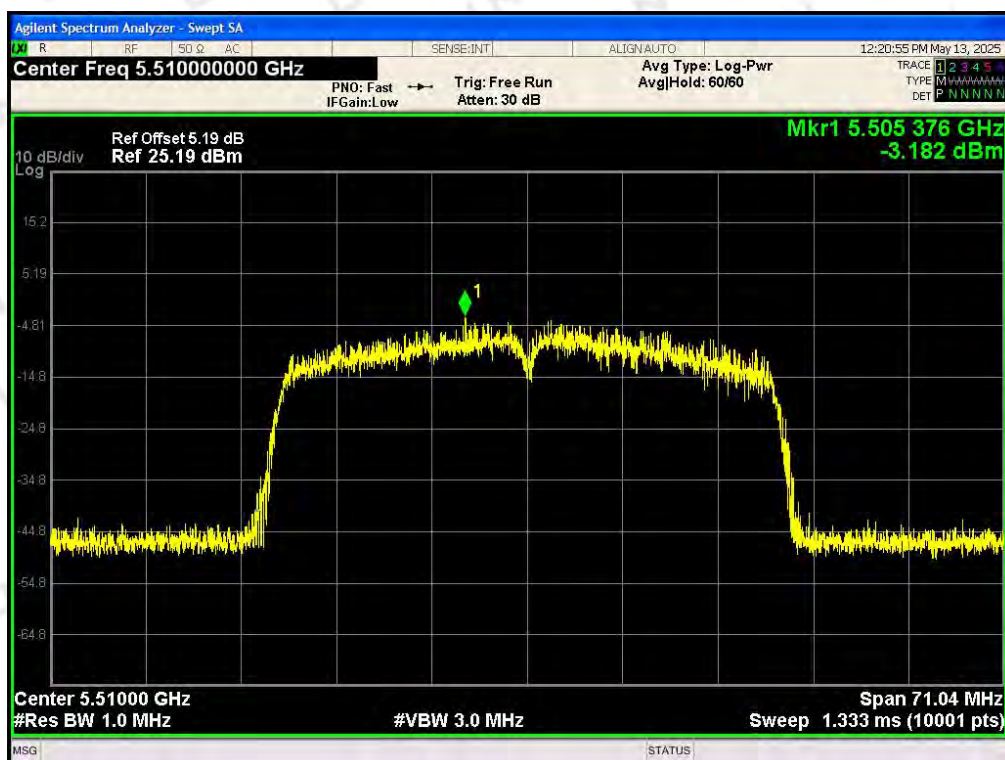
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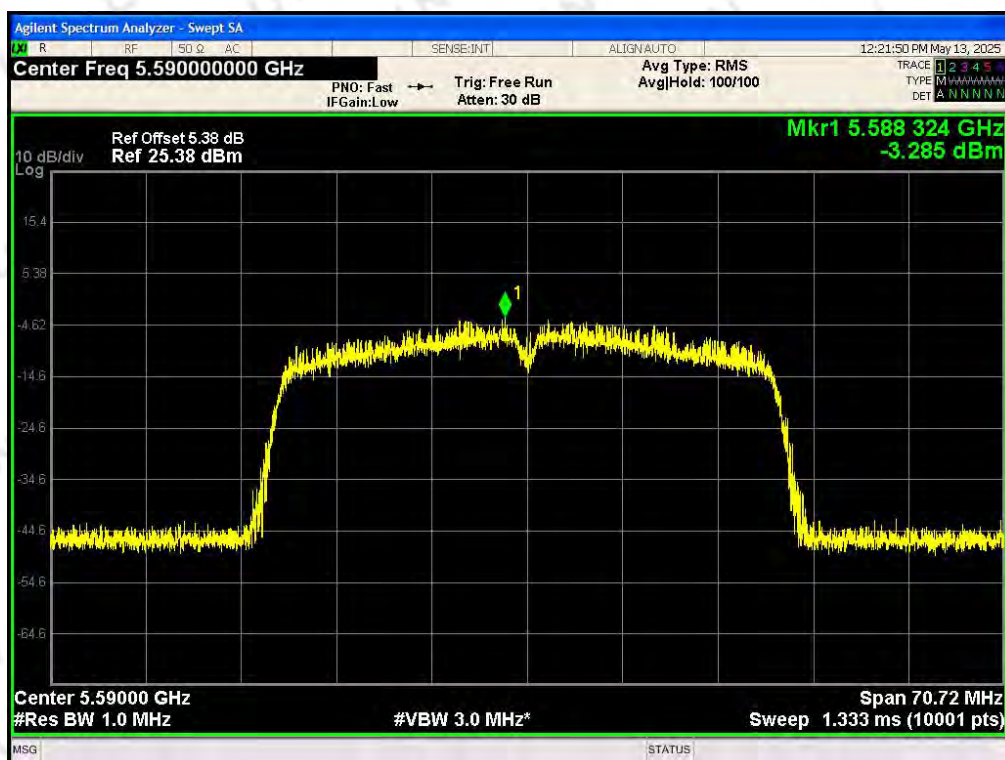
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PSD NVNT 802.11ac40 5510MHz Ant1



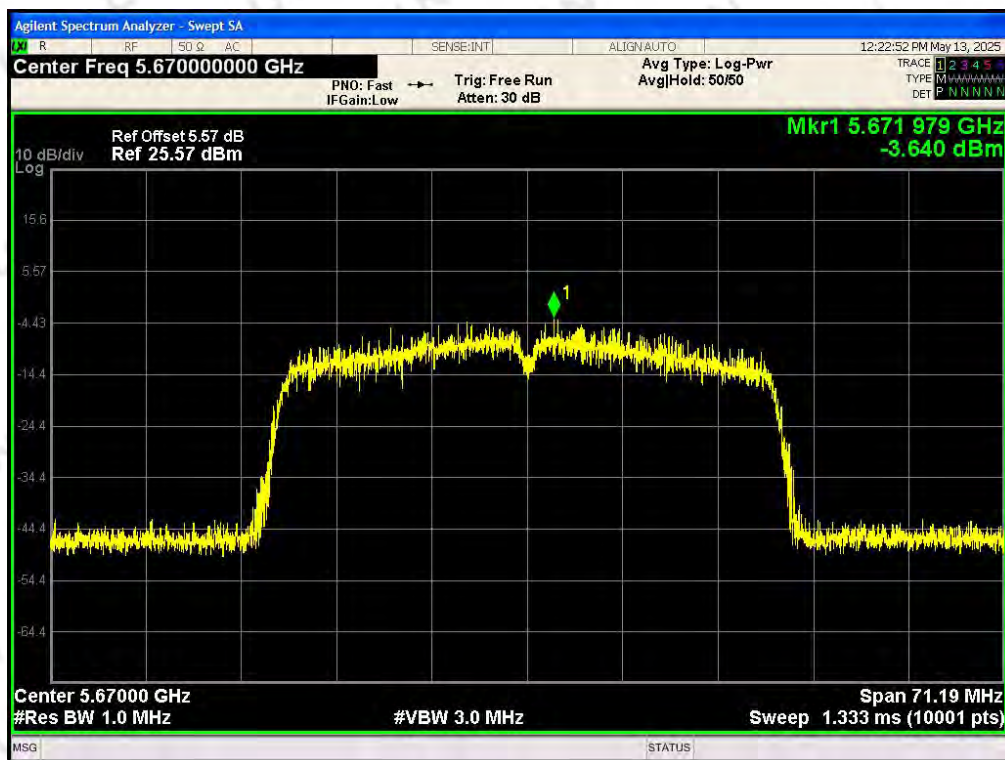
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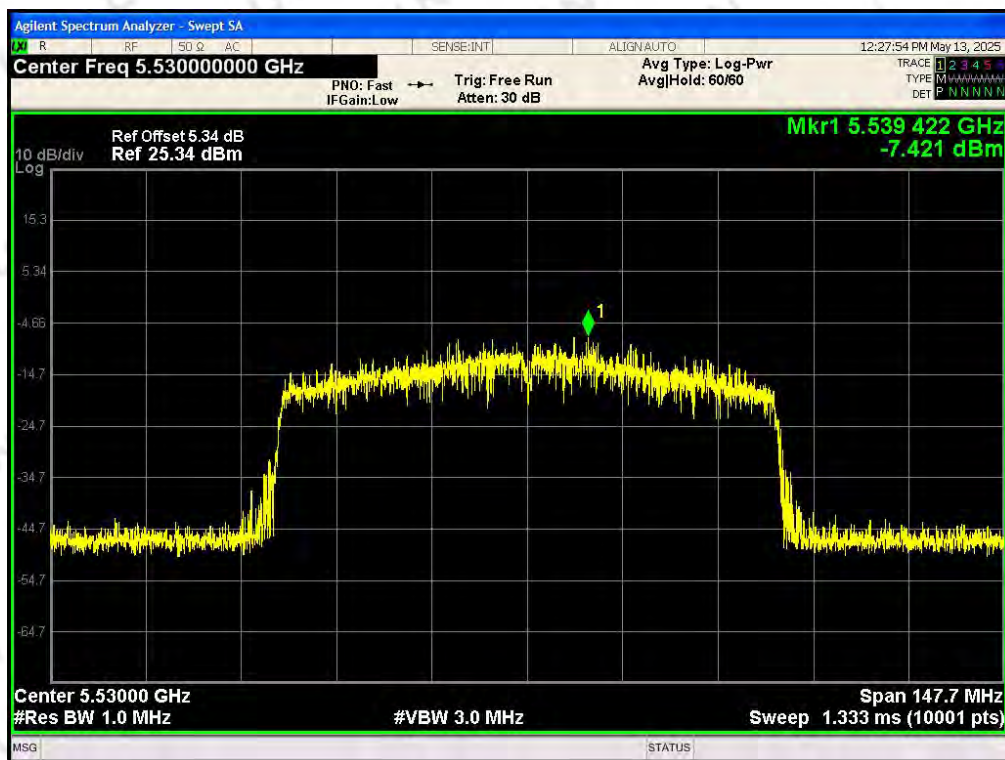
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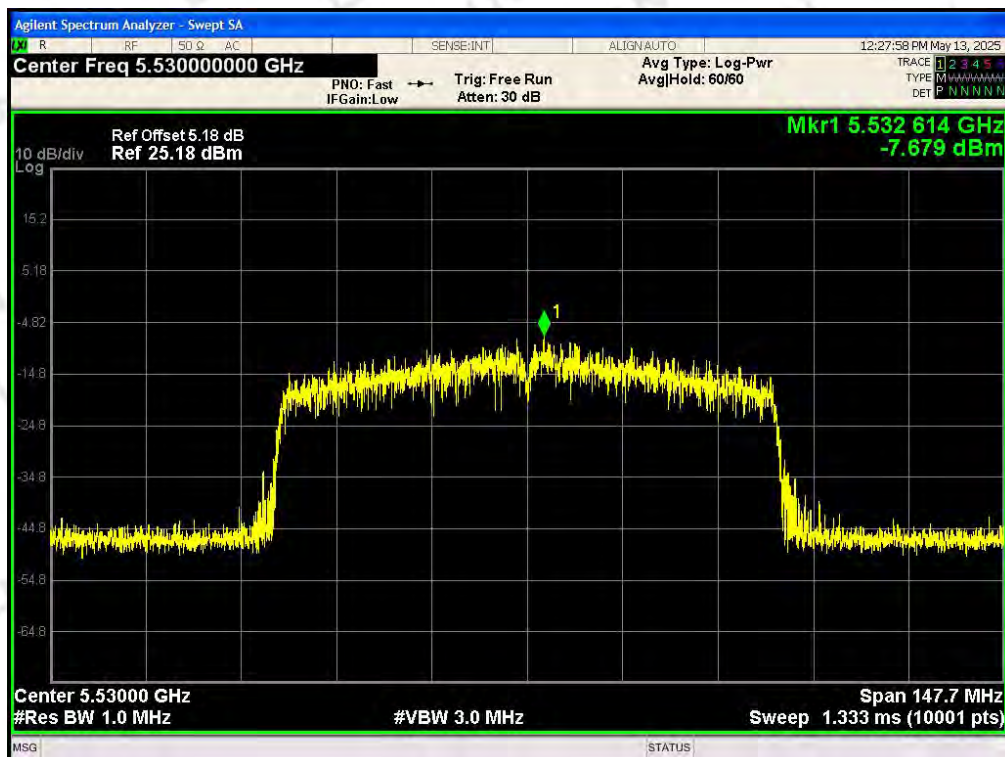
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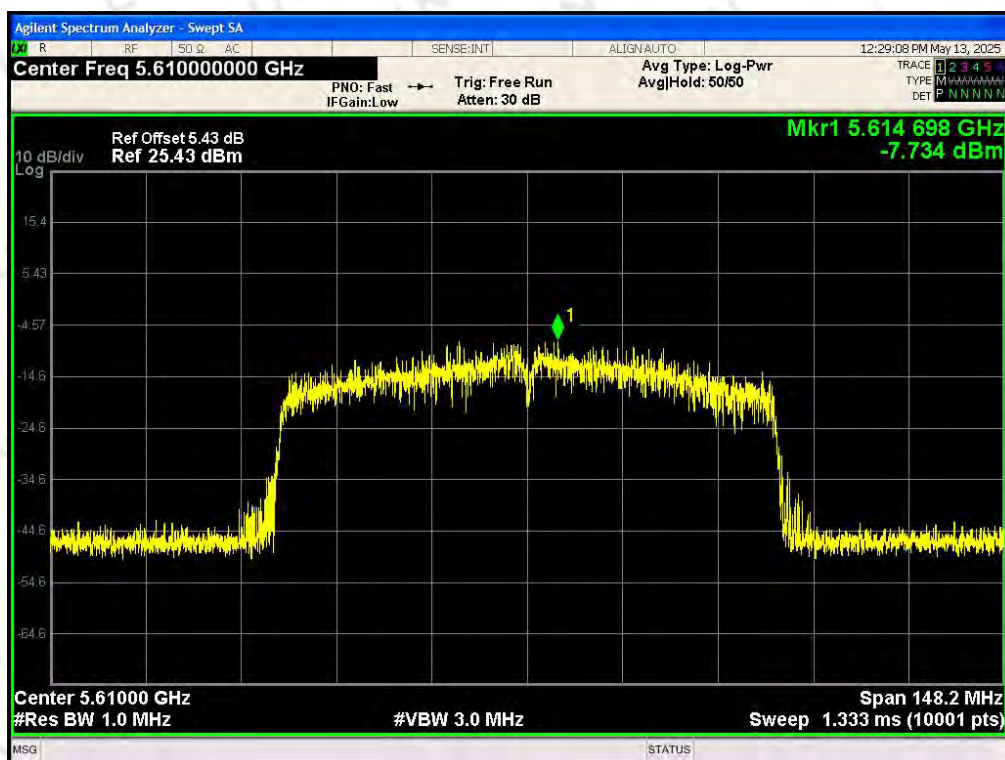
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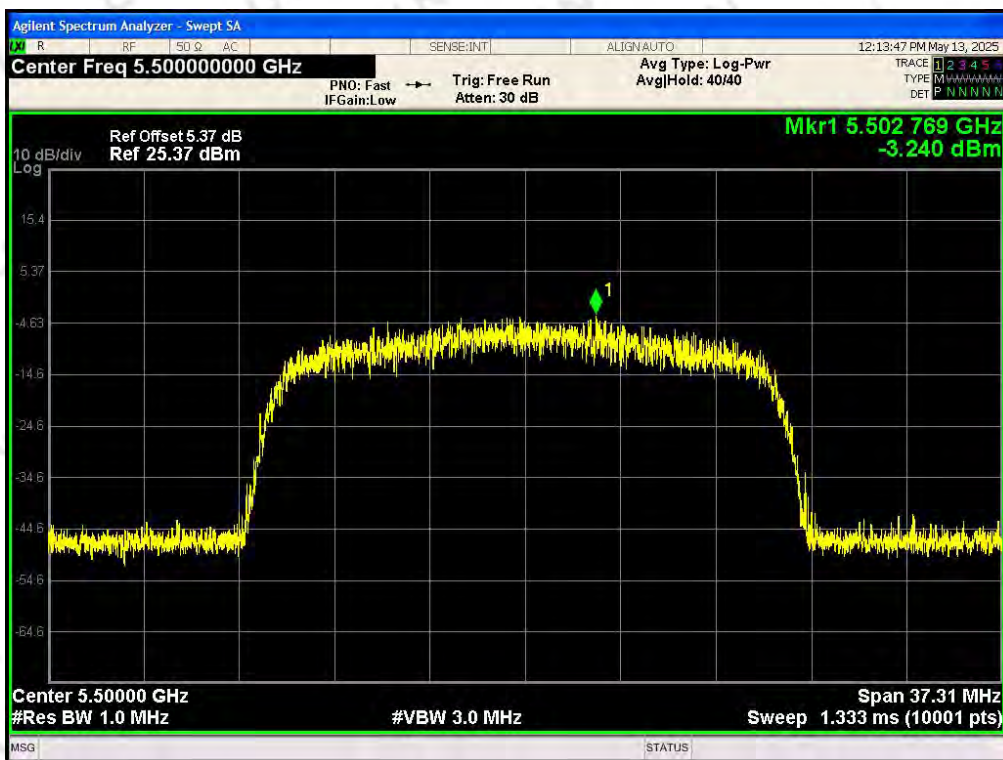
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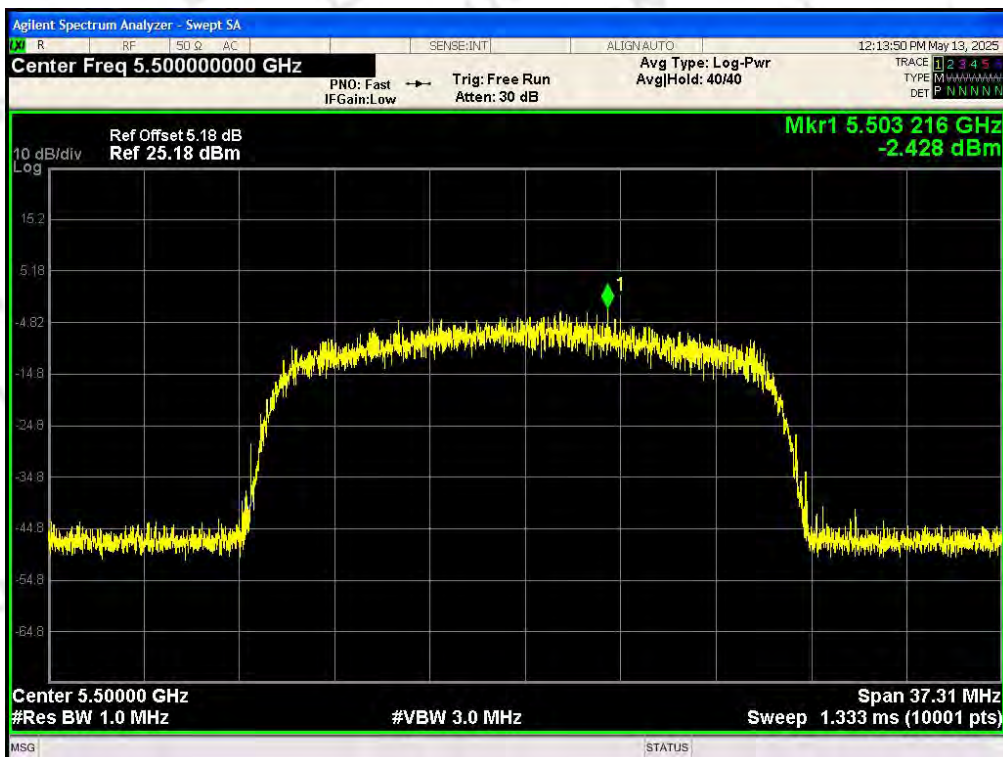
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PSD NVNT 802.11ax20 5500MHz Ant0



PSD NVNT 802.11ax20 5500MHz Ant1



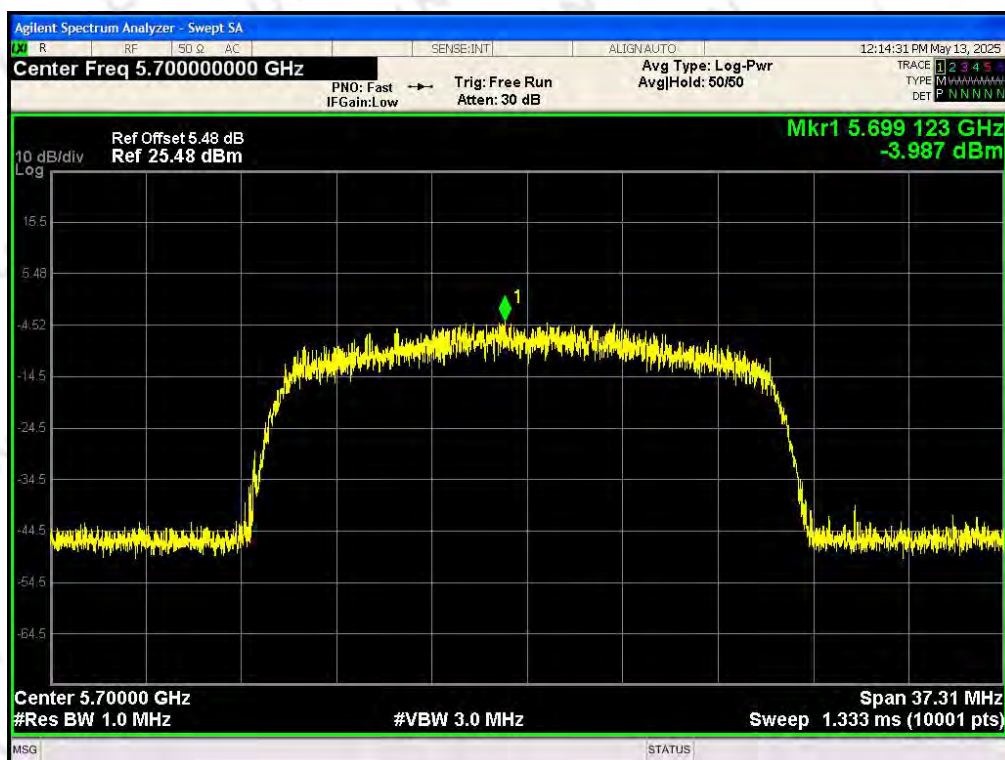
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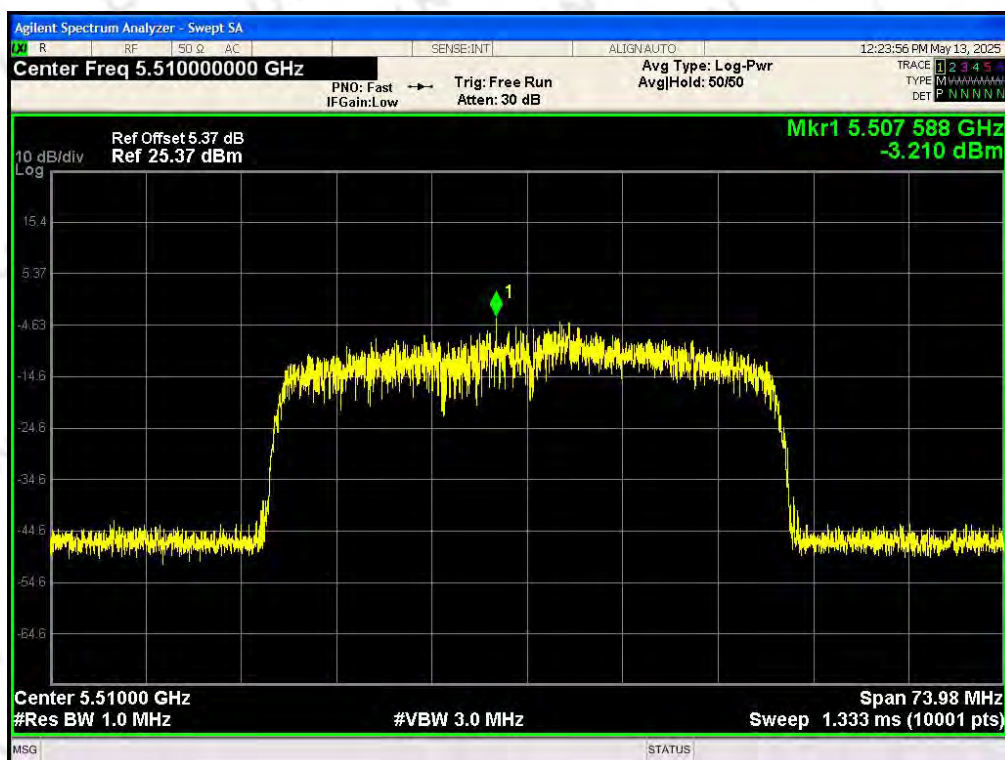
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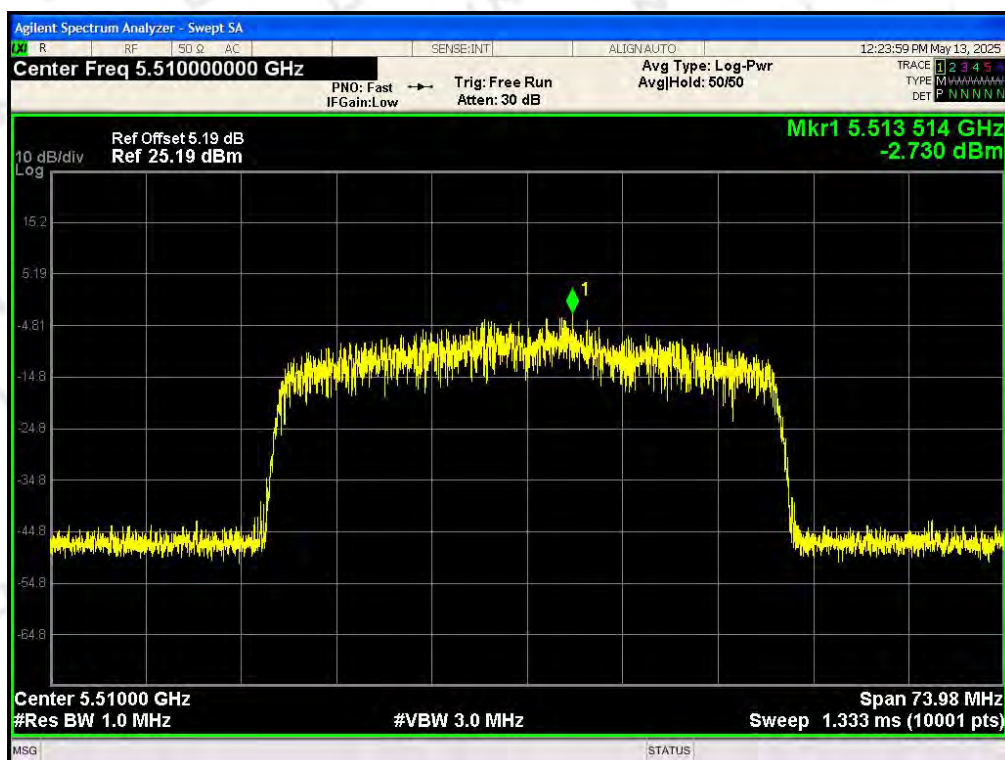
PSD NVNT 802.11ax20 5700MHz Ant1



PSD NVNT 802.11ax40 5510MHz Ant0



PSD NVNT 802.11ax40 5510MHz Ant1



PSD NVNT 802.11ax40 5590MHz Ant0



PSD NVNT 802.11ax40 5590MHz Ant1



PSD NVNT 802.11ax40 5670MHz Ant0



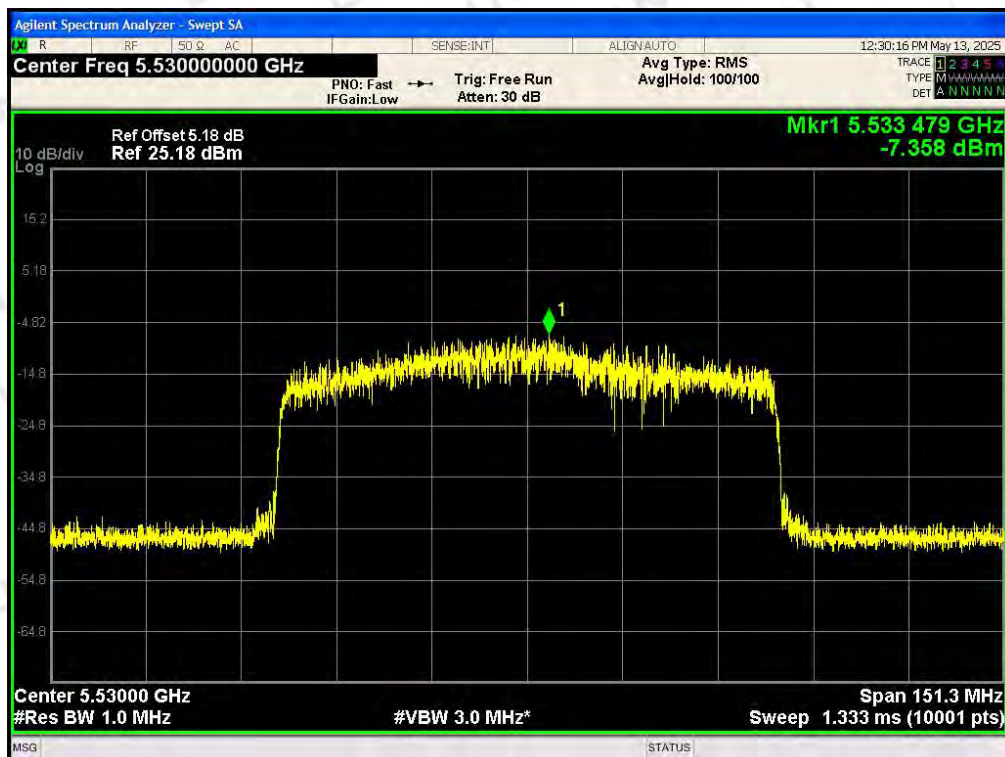
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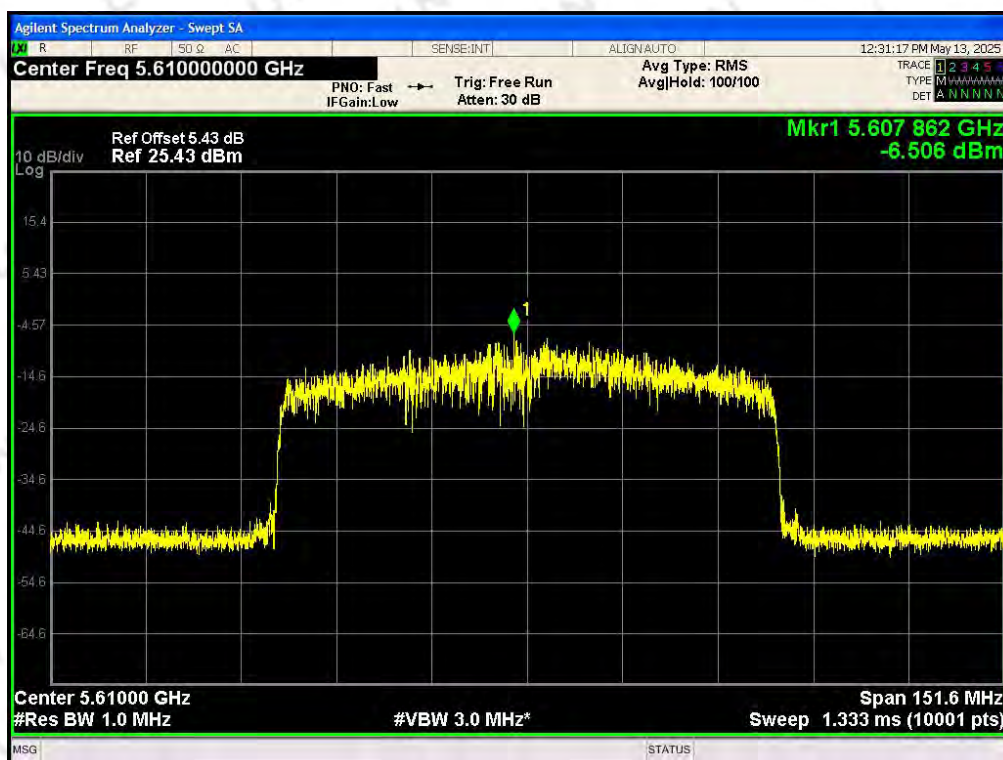
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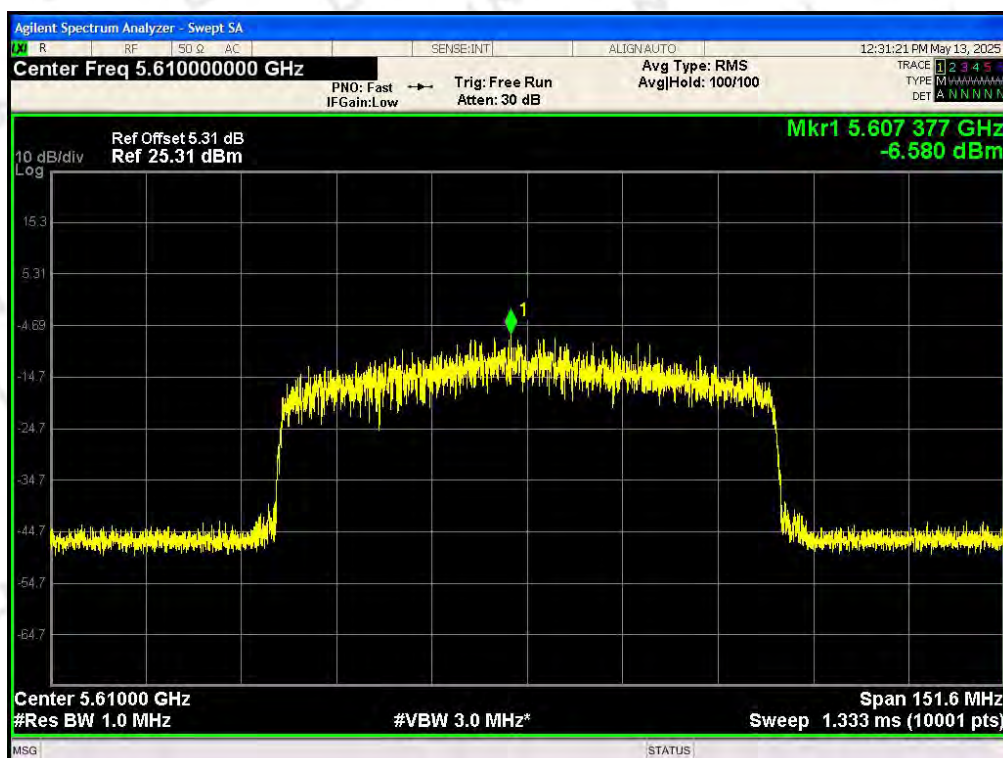
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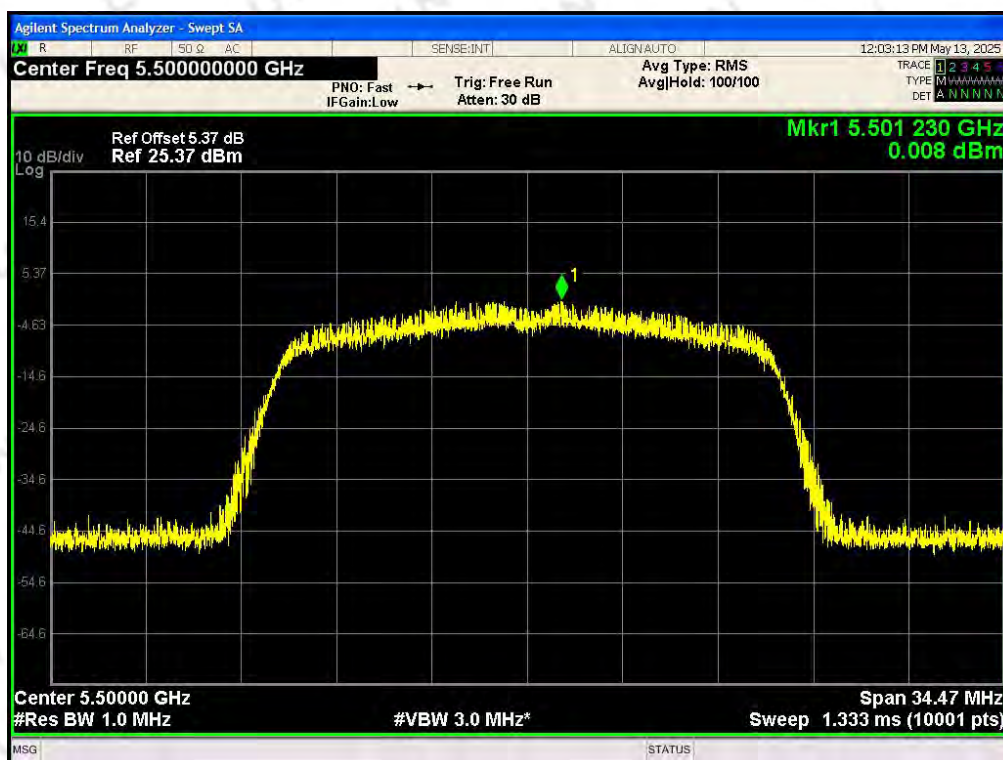
PSD NVNT 802.11ax80 5610MHz Ant0



PSD NVNT 802.11ax80 5610MHz Ant1



PSD NVNT 802.11n(HT20) 5500MHz Ant0



PSD NVNT 802.11n(HT20) 5500MHz Ant1



PSD NVNT 802.11n(HT20) 5600MHz Ant0



PSD NVNT 802.11n(HT20) 5600MHz Ant1



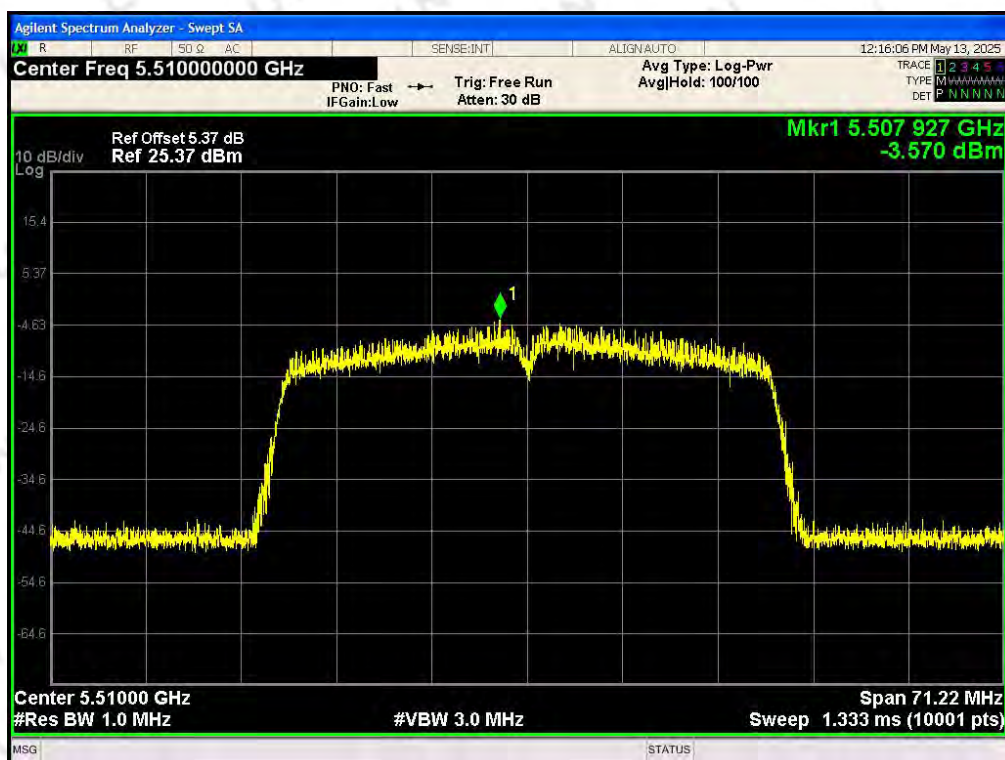
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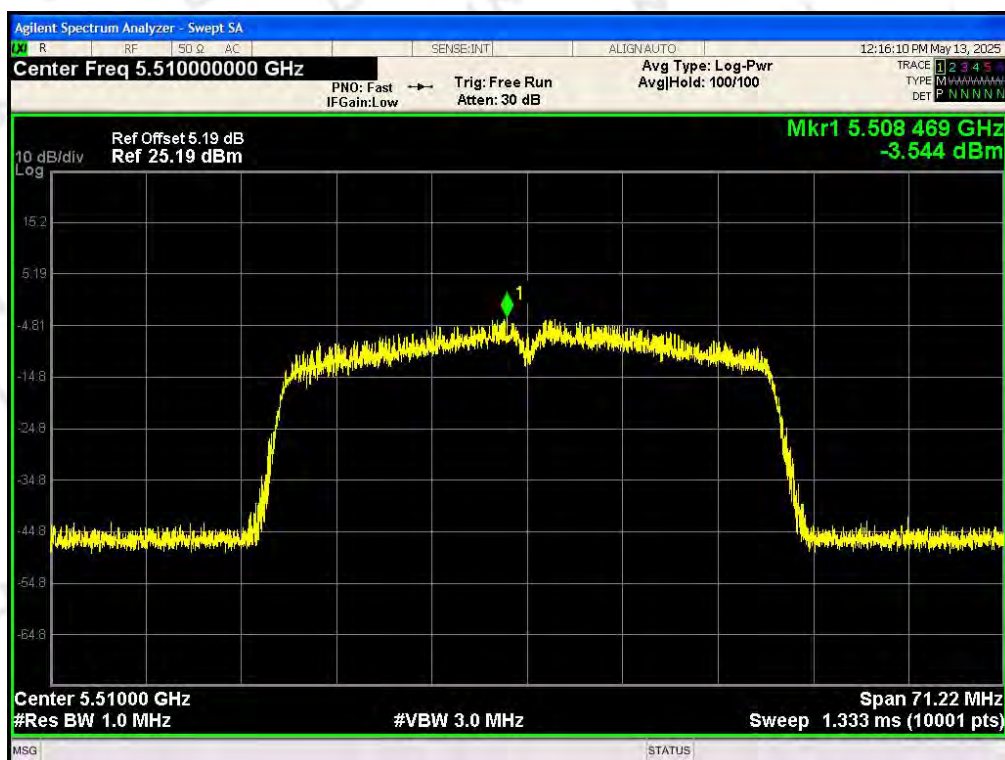
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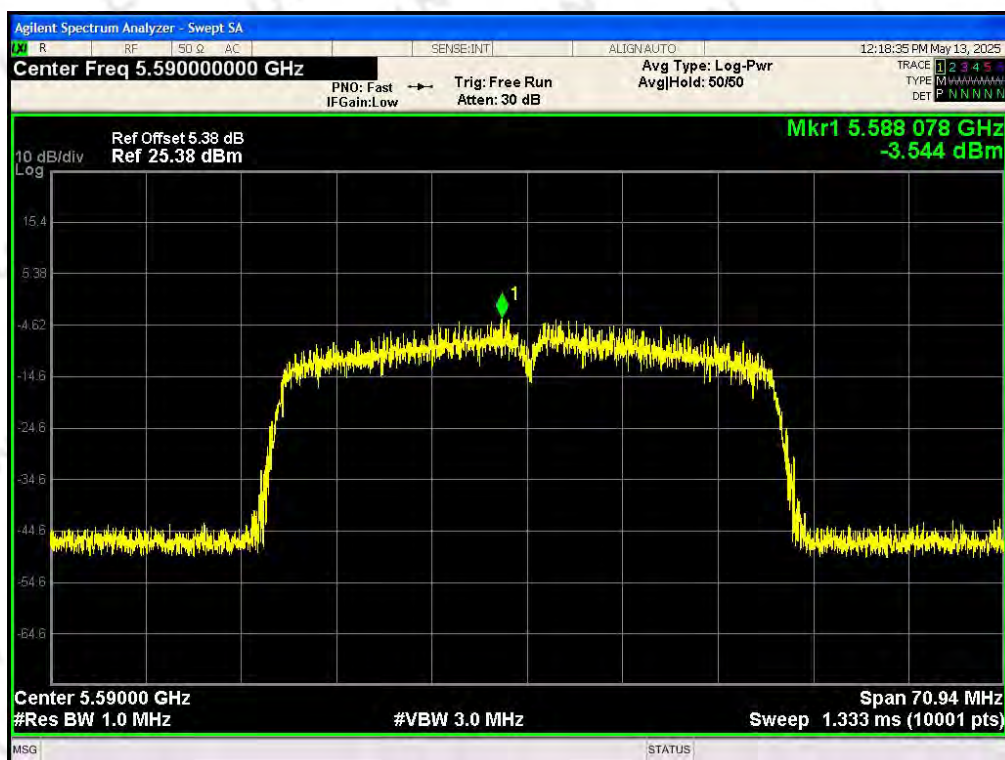
PSD NVNT 802.11n(HT40) 5510MHz Ant0



PSD NVNT 802.11n(HT40) 5510MHz Ant1



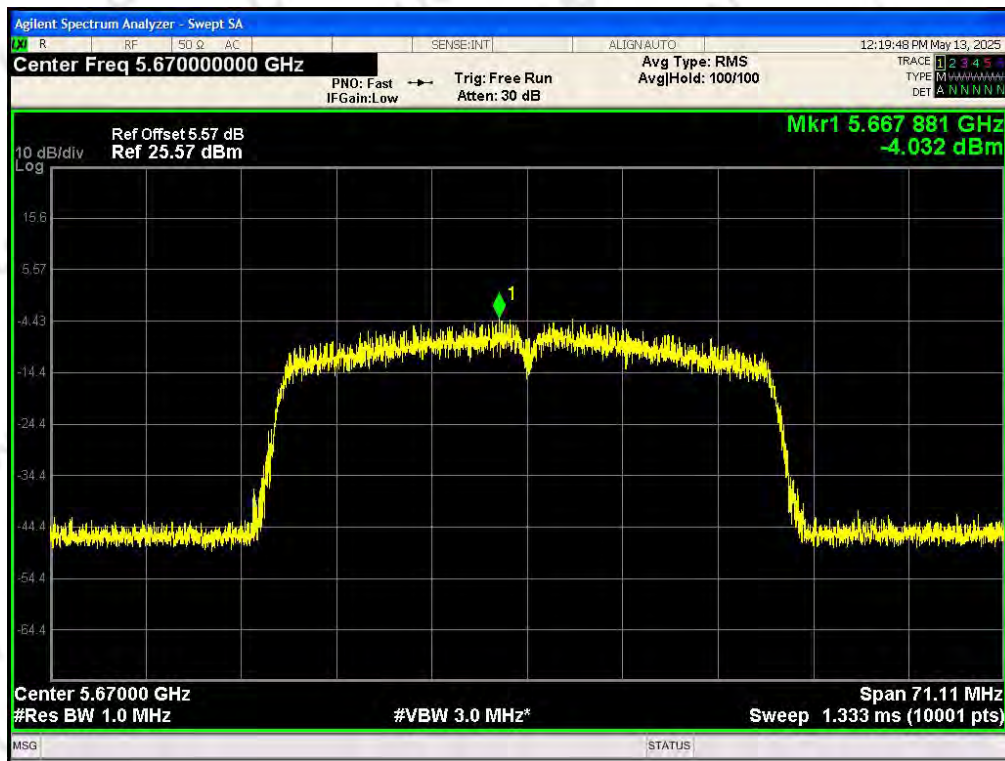
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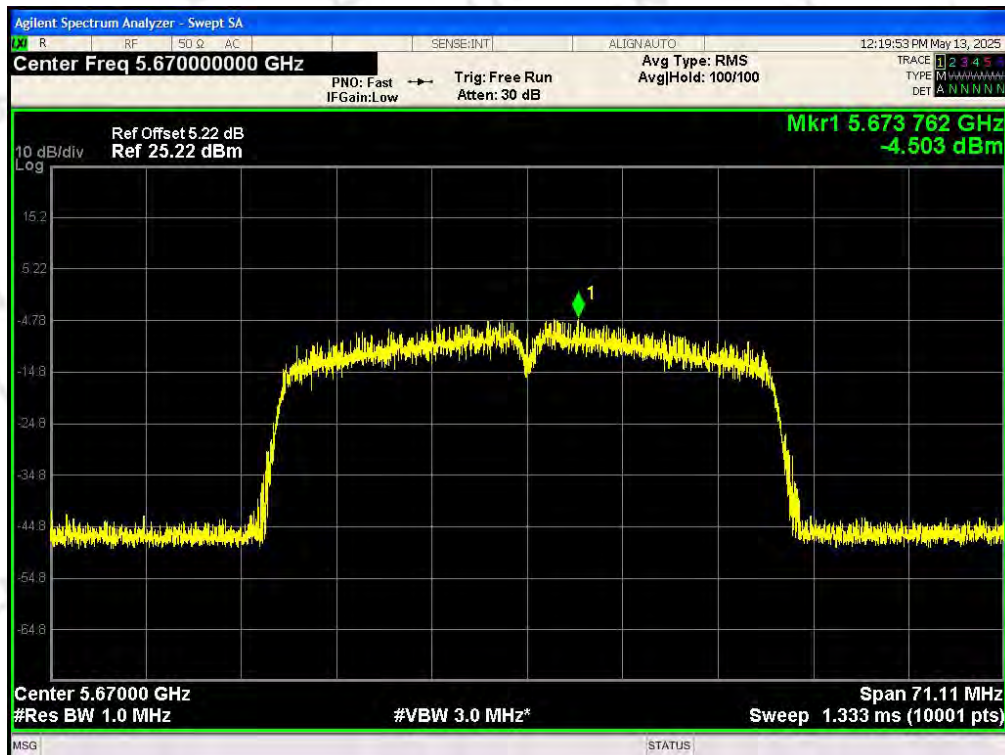
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PSD NVNT 802.11n(HT40) 5670MHz Ant0



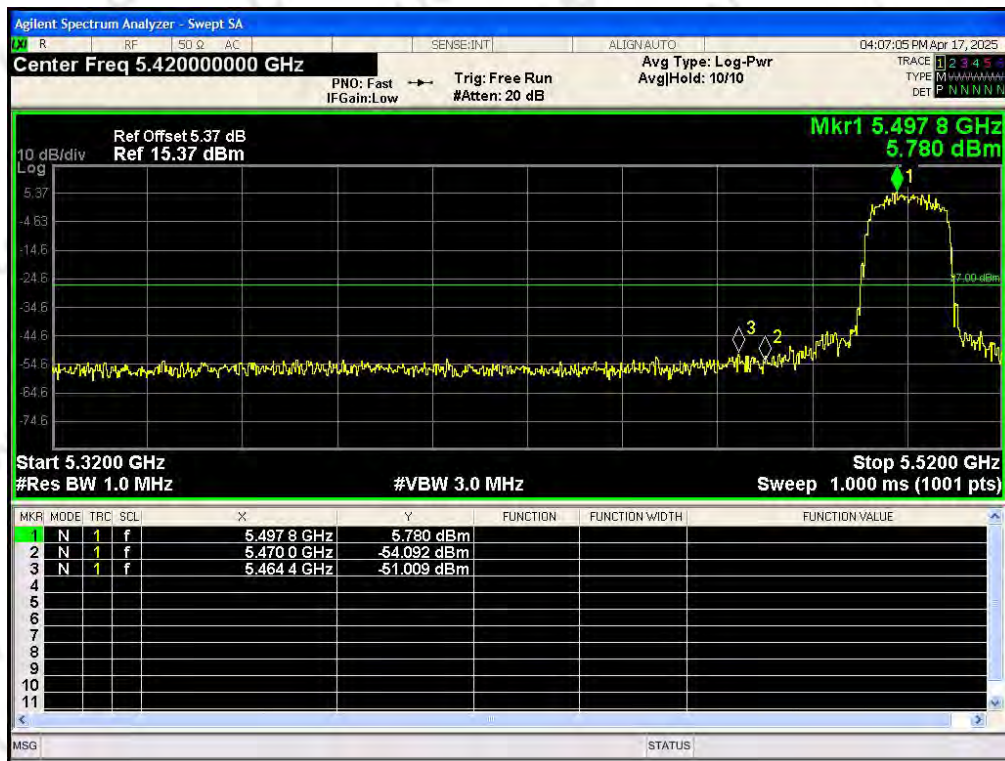
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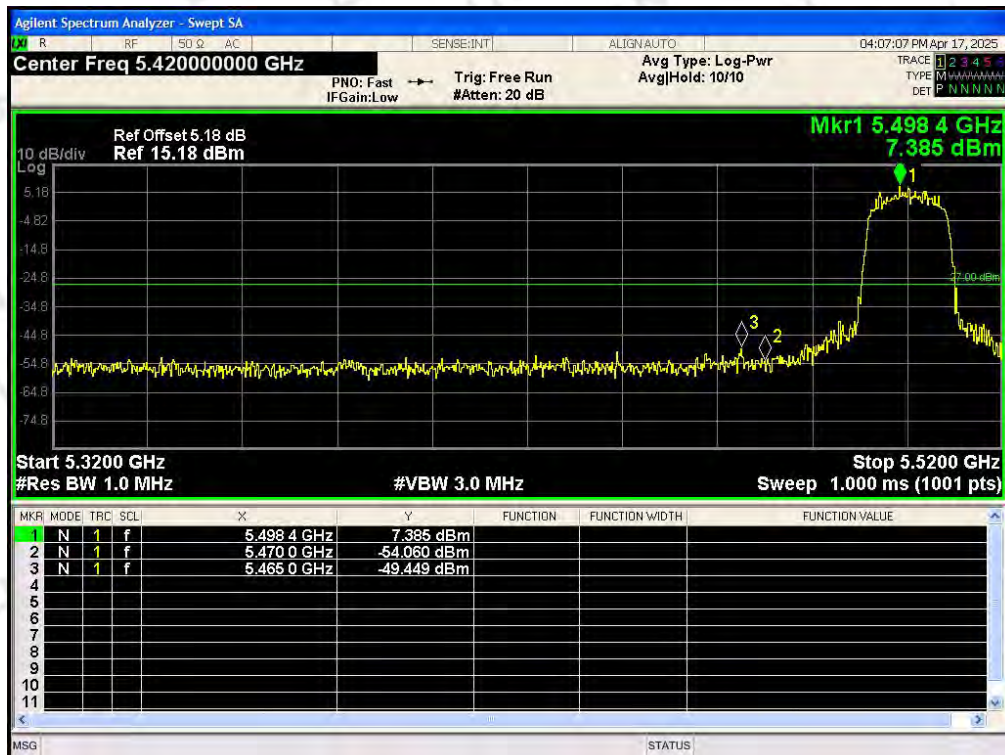
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5500	Ant 0	-51	-27	Pass
NVNT	802.11a	5500	Ant 1	-49.44	-27	Pass
NVNT	802.11a	5700	Ant 0	-50.69	-27	Pass
NVNT	802.11a	5700	Ant 1	-51.25	-27	Pass
NVNT	802.11ac20	5500	Ant 0	-49.31	-27	Pass
NVNT	802.11ac20	5500	Ant 1	-49	-27	Pass
NVNT	802.11ac20	5700	Ant 0	-51.11	-27	Pass
NVNT	802.11ac20	5700	Ant 1	-48.78	-27	Pass
NVNT	802.11ac40	5510	Ant 0	-47.72	-27	Pass
NVNT	802.11ac40	5510	Ant 1	-48.81	-27	Pass
NVNT	802.11ac40	5670	Ant 0	-51.12	-27	Pass
NVNT	802.11ac40	5670	Ant 1	-49.25	-27	Pass
NVNT	802.11ac80	5530	Ant 0	-41.98	-27	Pass
NVNT	802.11ac80	5530	Ant 1	-48.34	-27	Pass
NVNT	802.11ax20	5500	Ant 0	-50.7	-27	Pass
NVNT	802.11ax20	5500	Ant 1	-51.36	-27	Pass
NVNT	802.11ax20	5700	Ant 0	-48.54	-27	Pass
NVNT	802.11ax20	5700	Ant 1	-49.95	-27	Pass
NVNT	802.11ax40	5510	Ant 0	-47.54	-27	Pass
NVNT	802.11ax40	5510	Ant 1	-48.8	-27	Pass
NVNT	802.11ax40	5670	Ant 0	-51.81	-27	Pass
NVNT	802.11ax40	5670	Ant 1	-49.84	-27	Pass
NVNT	802.11ax80	5530	Ant 0	-47.81	-27	Pass
NVNT	802.11ax80	5530	Ant 1	-47.35	-27	Pass
NVNT	802.11n(HT20)	5500	Ant 0	-49.53	-27	Pass
NVNT	802.11n(HT20)	5500	Ant 1	-51.36	-27	Pass
NVNT	802.11n(HT20)	5700	Ant 0	-51.41	-27	Pass
NVNT	802.11n(HT20)	5700	Ant 1	-50.18	-27	Pass
NVNT	802.11n(HT40)	5510	Ant 0	-46.68	-27	Pass
NVNT	802.11n(HT40)	5510	Ant 1	-48.33	-27	Pass
NVNT	802.11n(HT40)	5670	Ant 0	-51.24	-27	Pass
NVNT	802.11n(HT40)	5670	Ant 1	-50.94	-27	Pass

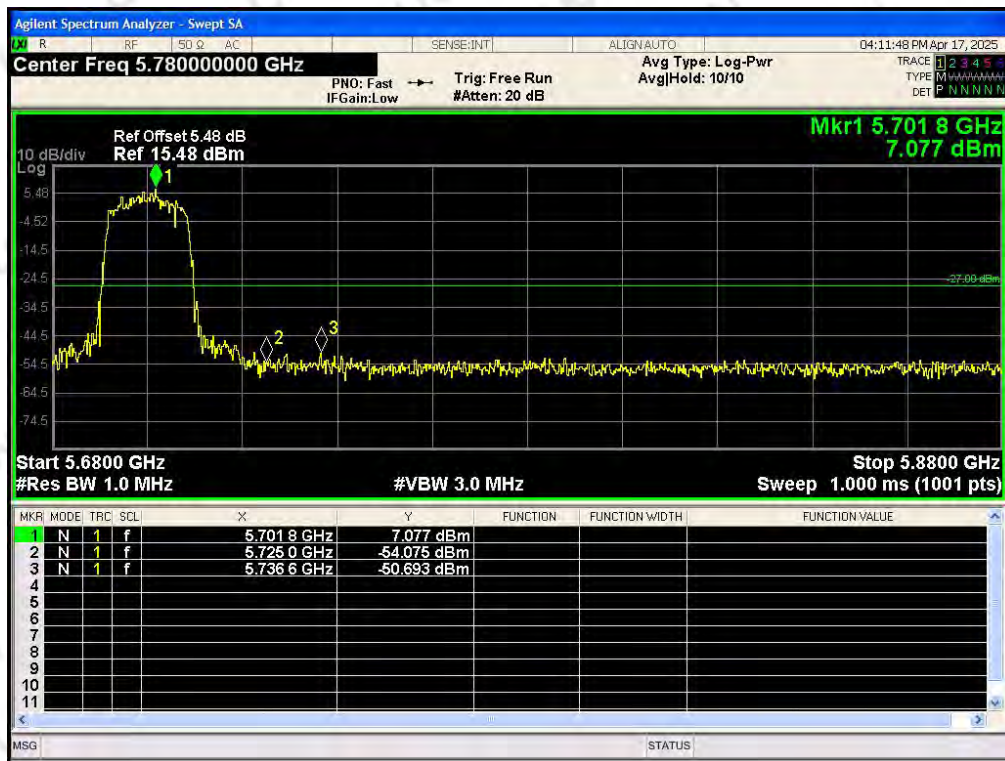
Band Edge NVNT 802.11a 5500MHz Ant0



Band Edge NVNT 802.11a 5500MHz Ant1



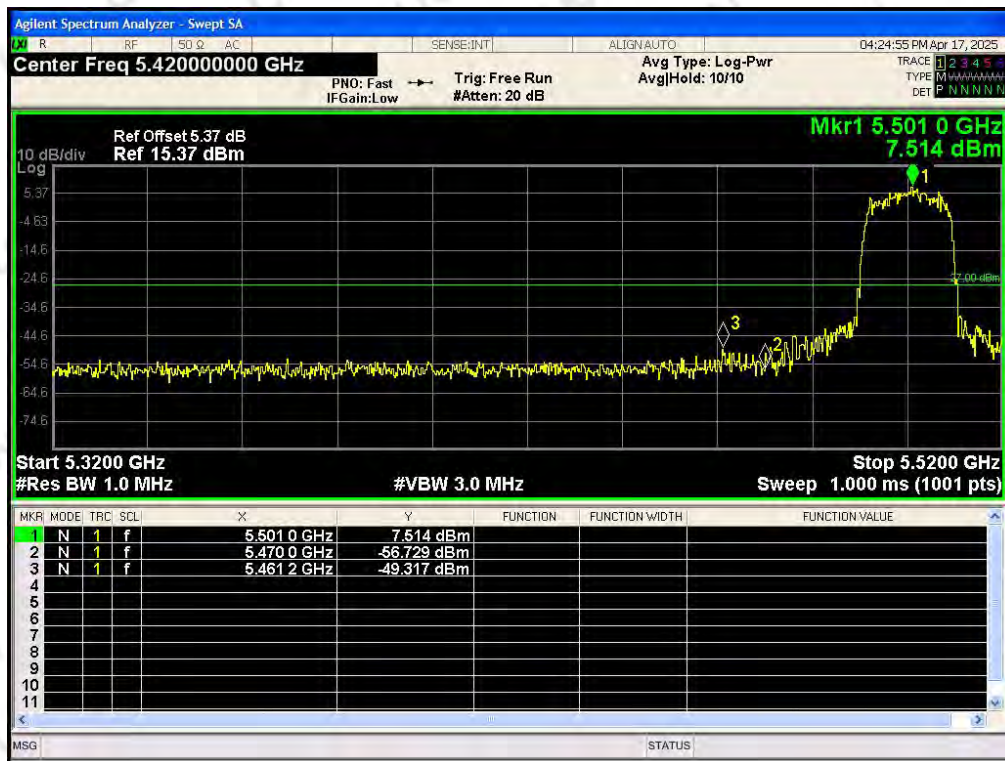
Band Edge NVNT 802.11a 5700MHz Ant0



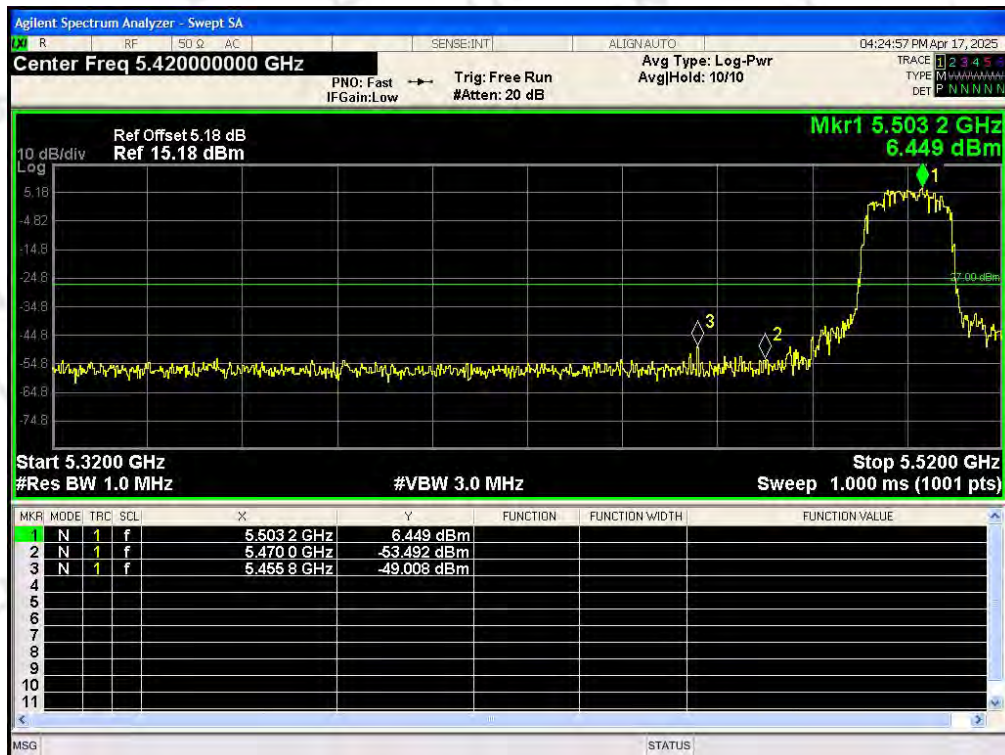
Band Edge NVNT 802.11a 5700MHz Ant1



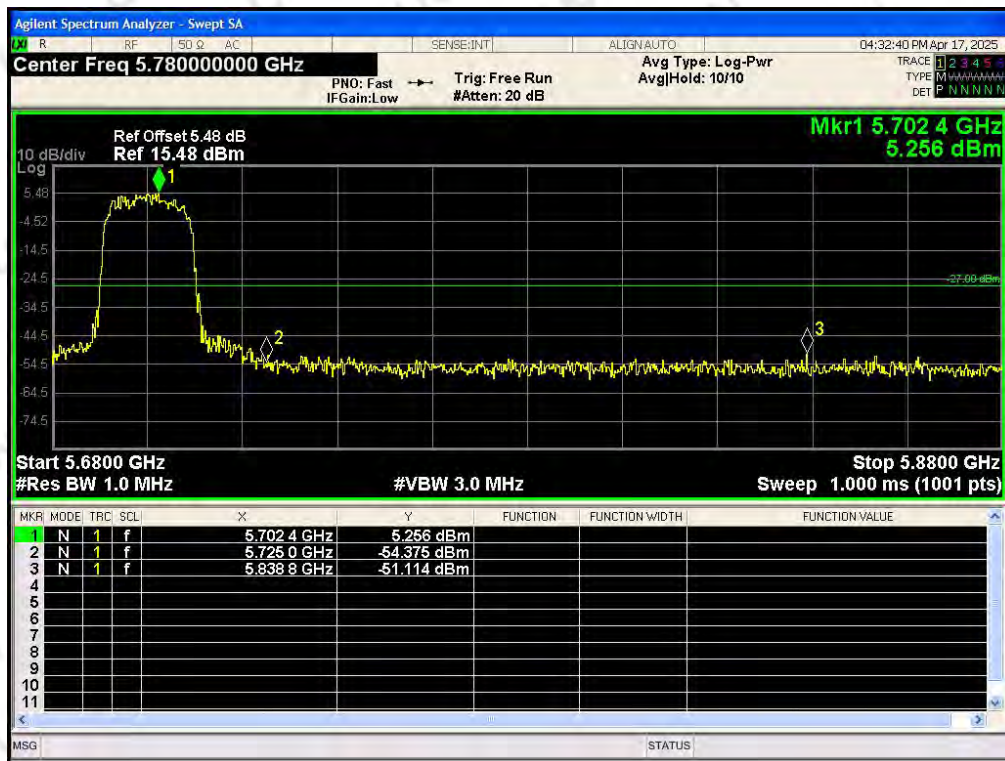
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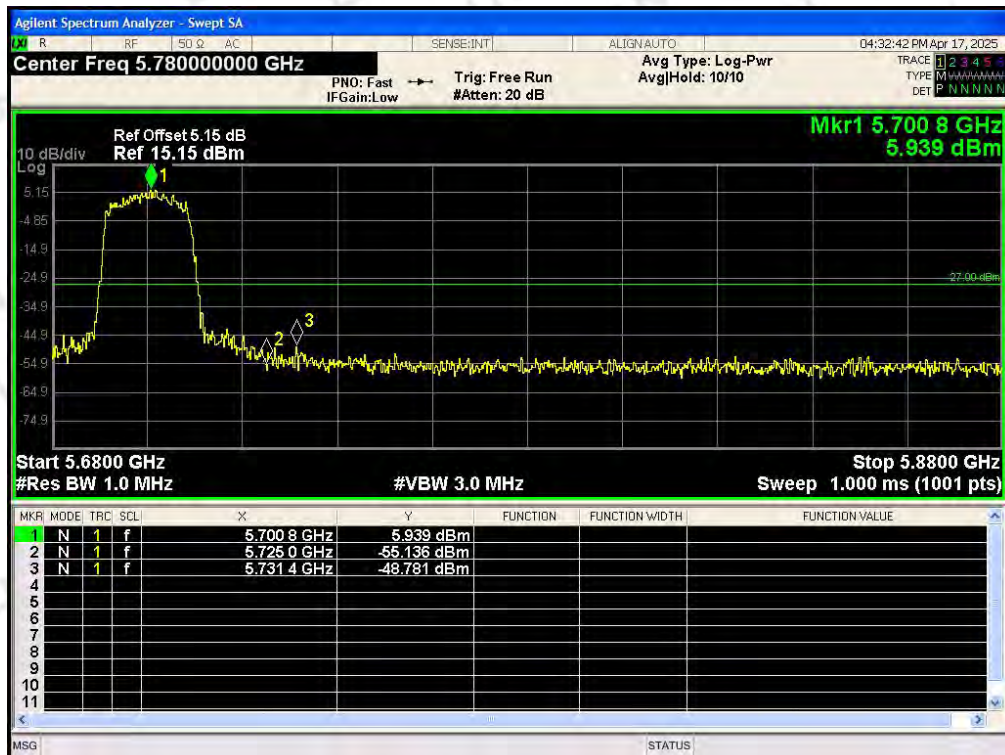
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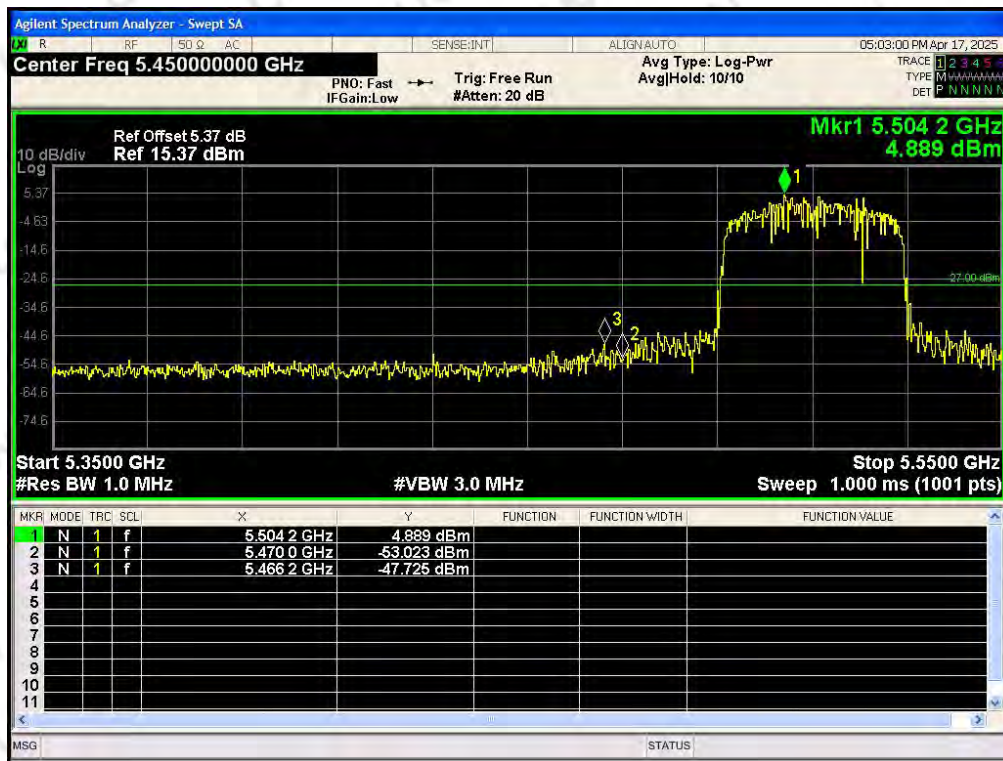
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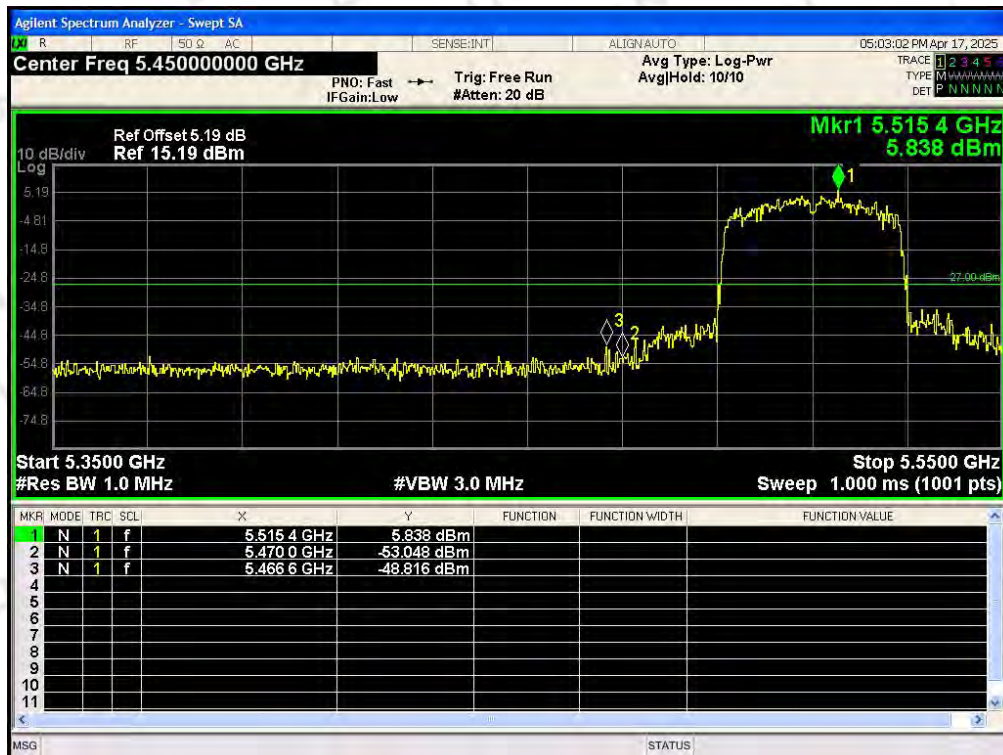
Band Edge NVNT 802.11ac20 5700MHz Ant1



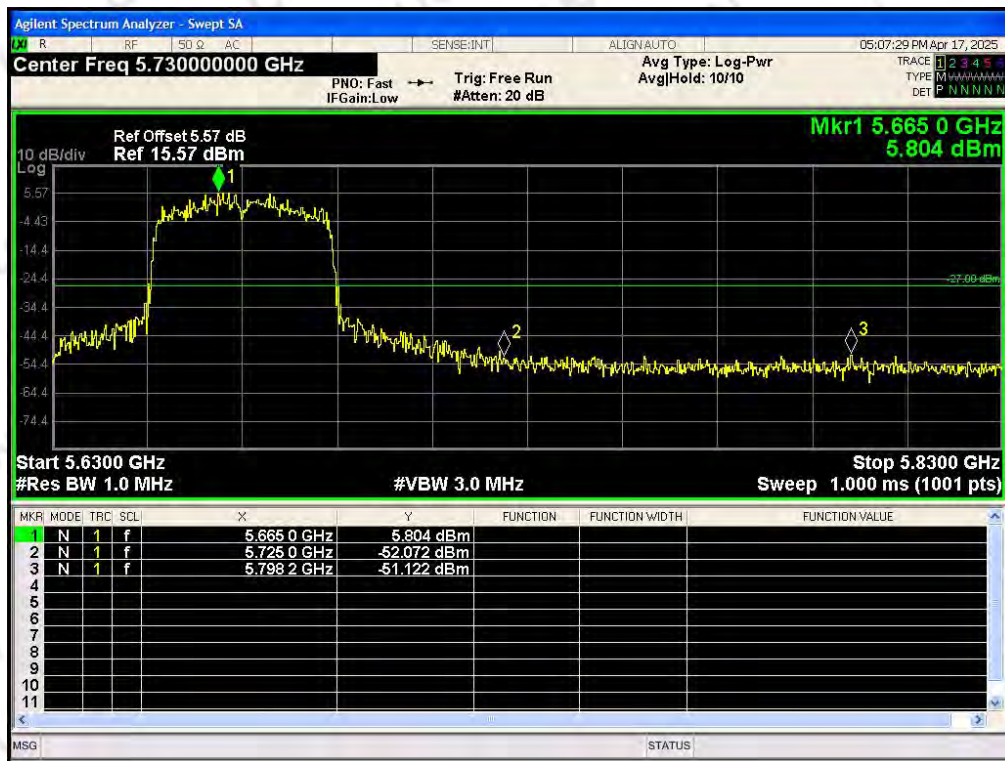
Band Edge NVNT 802.11ac40 5510MHz Ant0



Band Edge NVNT 802.11ac40 5510MHz Ant1



Band Edge NVNT 802.11ac40 5670MHz Ant0



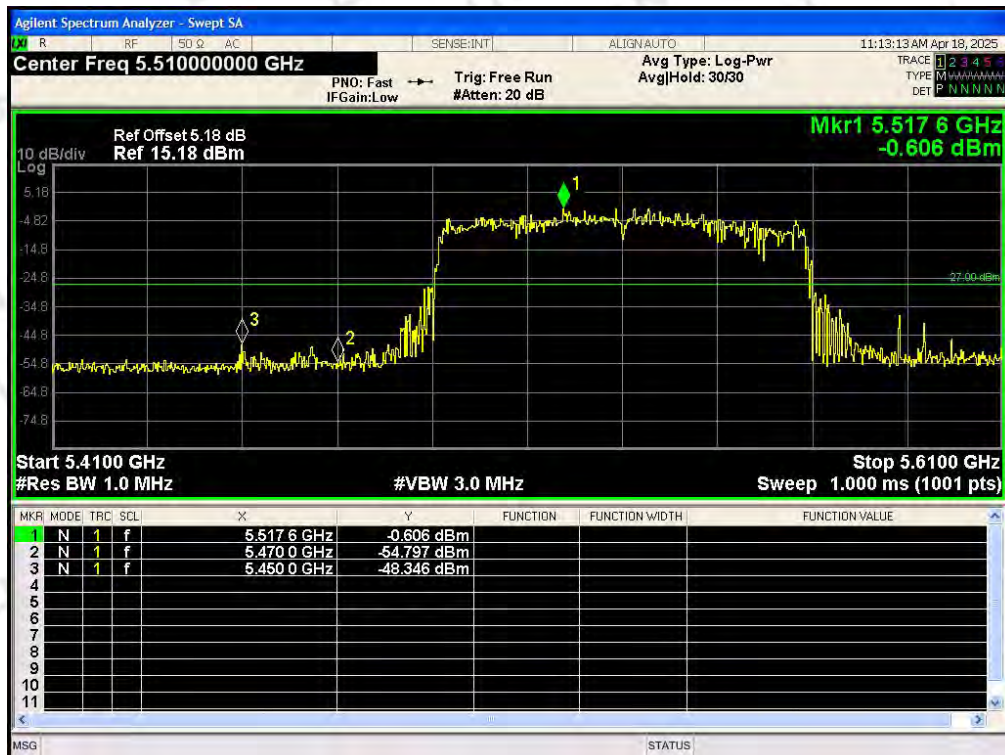
Band Edge NVNT 802.11ac40 5670MHz Ant1



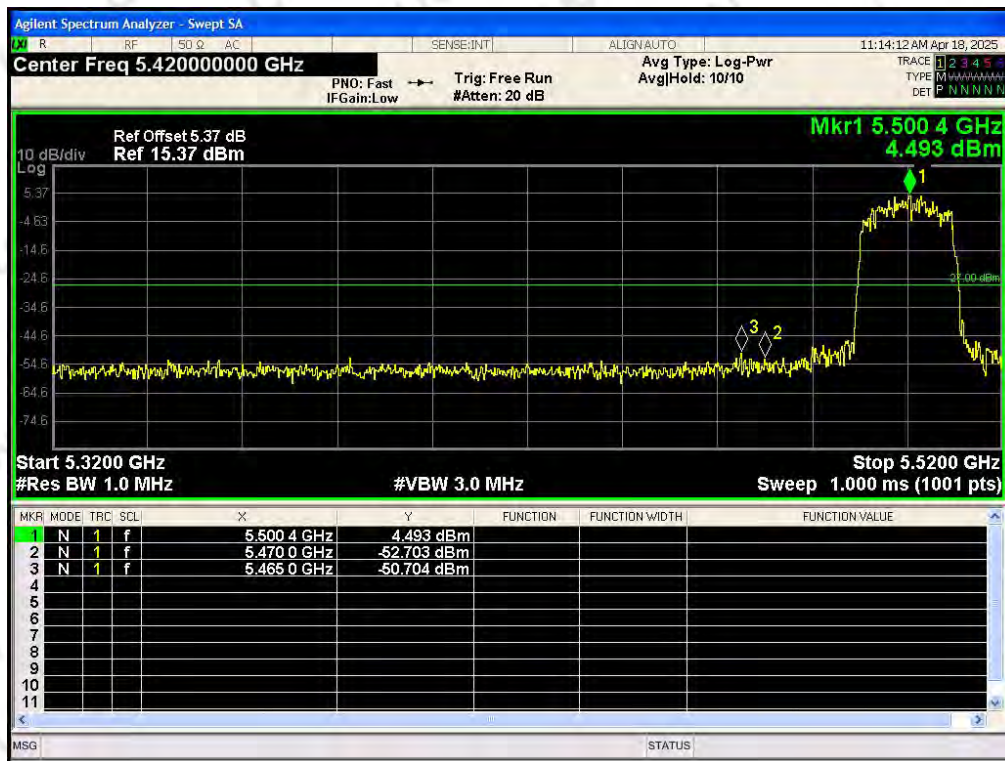
Band Edge NVNT 802.11ac80 5530MHz Ant0



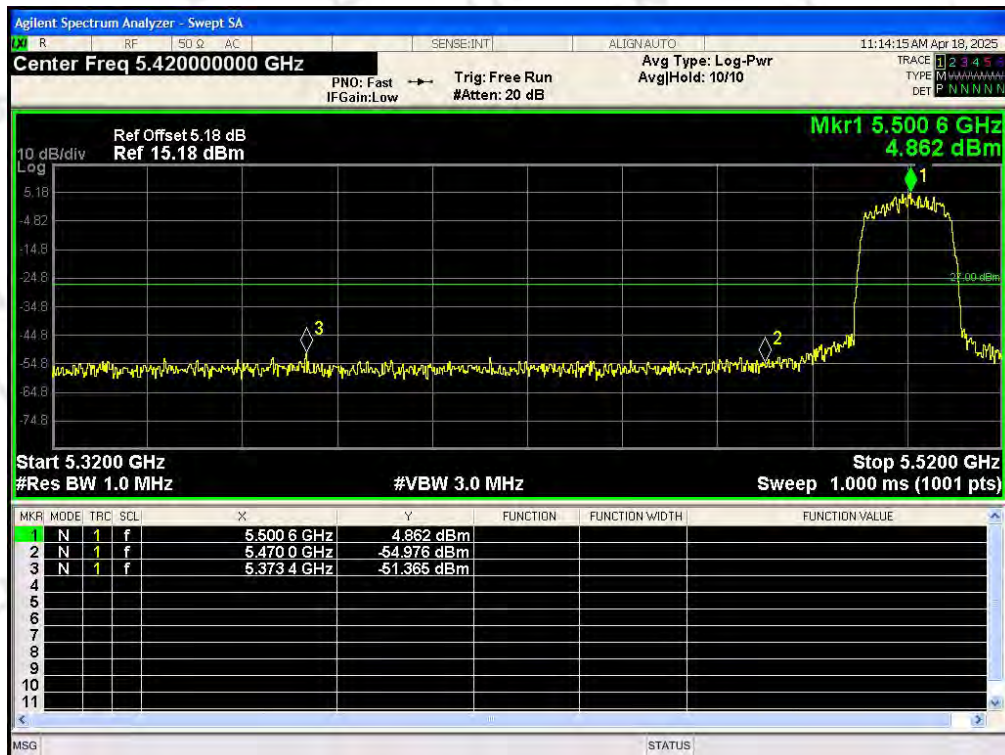
Band Edge NVNT 802.11ac80 5530MHz Ant1



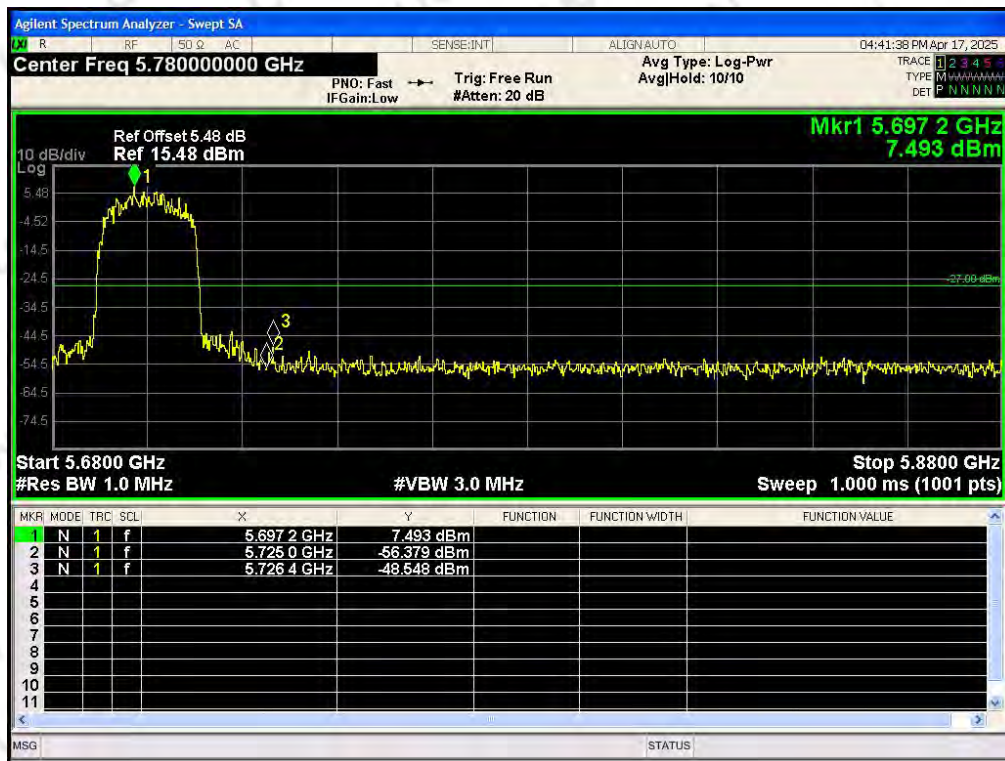
Band Edge NVNT 802.11ax20 5500MHz Ant0



Band Edge NVNT 802.11ax20 5500MHz Ant1



Band Edge NVNT 802.11ax20 5700MHz Ant0



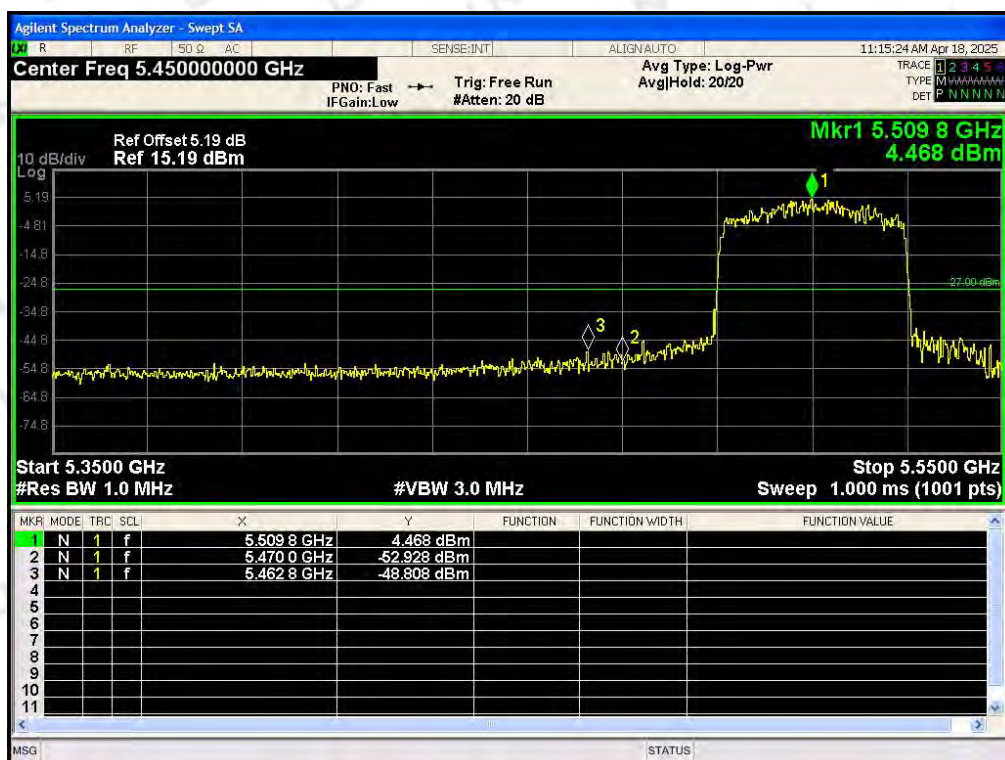
Band Edge NVNT 802.11ax20 5700MHz Ant1



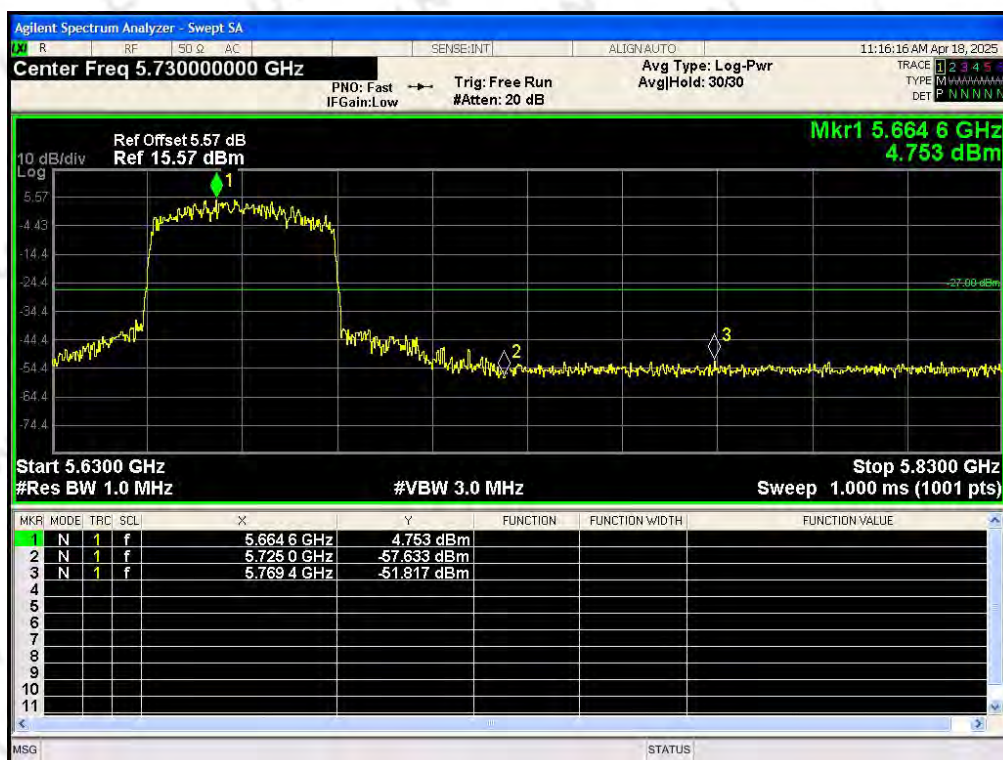
Band Edge NVNT 802.11ax40 5510MHz Ant0



Band Edge NVNT 802.11ax40 5510MHz Ant1



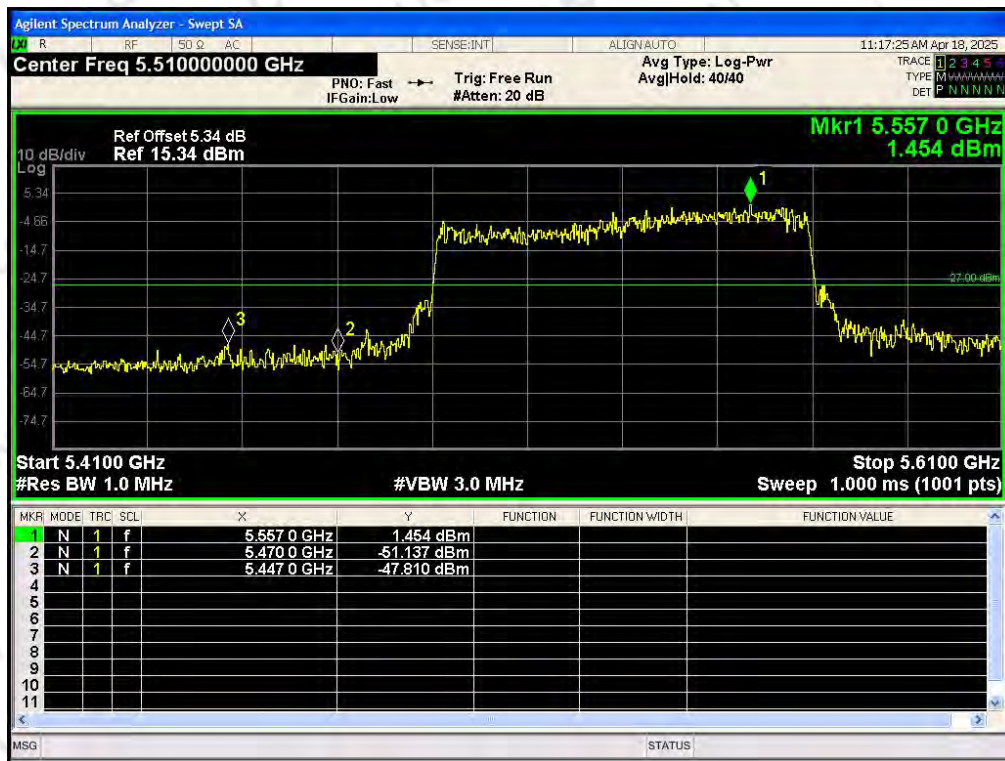
Band Edge NVNT 802.11ax40 5670MHz Ant0



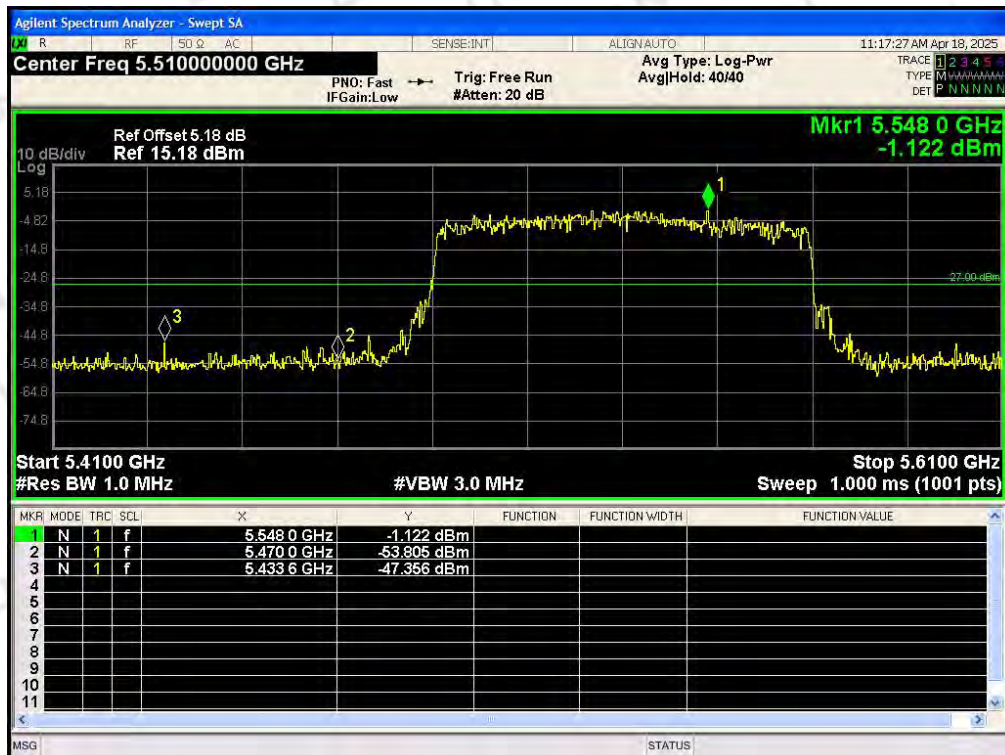
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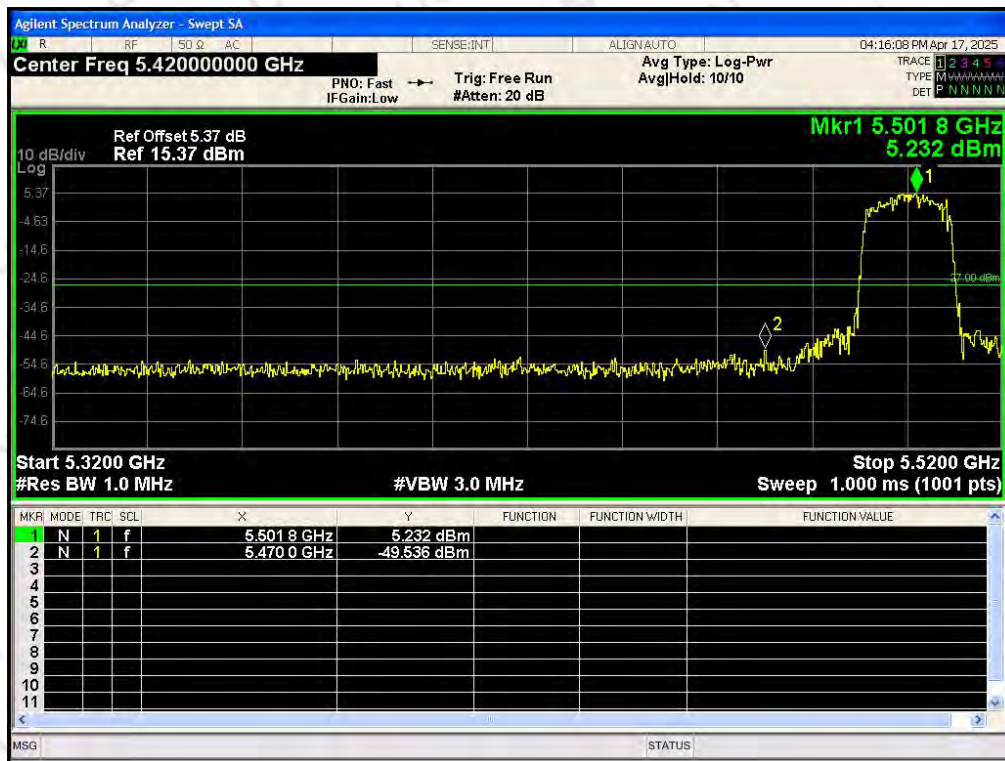
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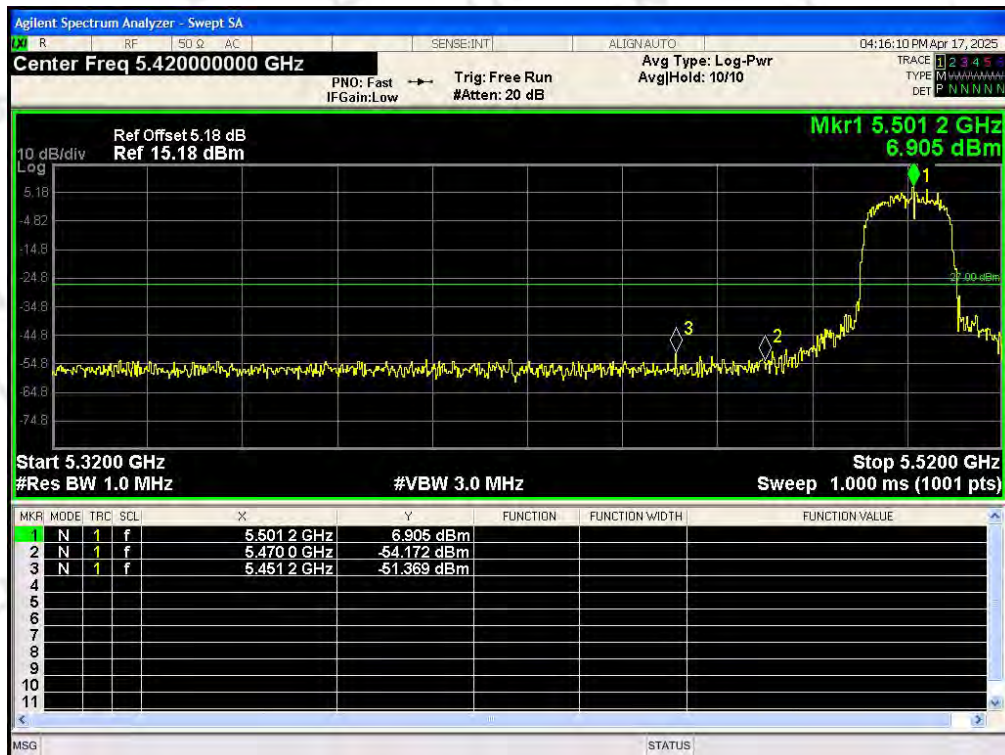
Band Edge NVNT 802.11ax80 5530MHz Ant1



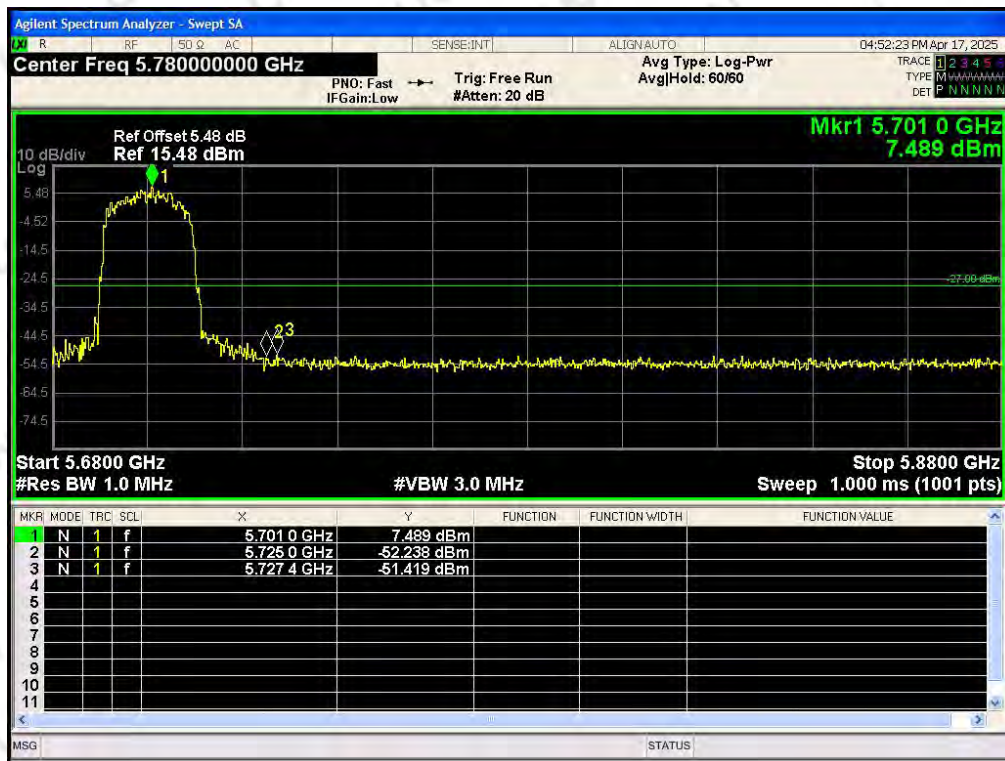
Band Edge NVNT 802.11n(HT20) 5500MHz Ant0



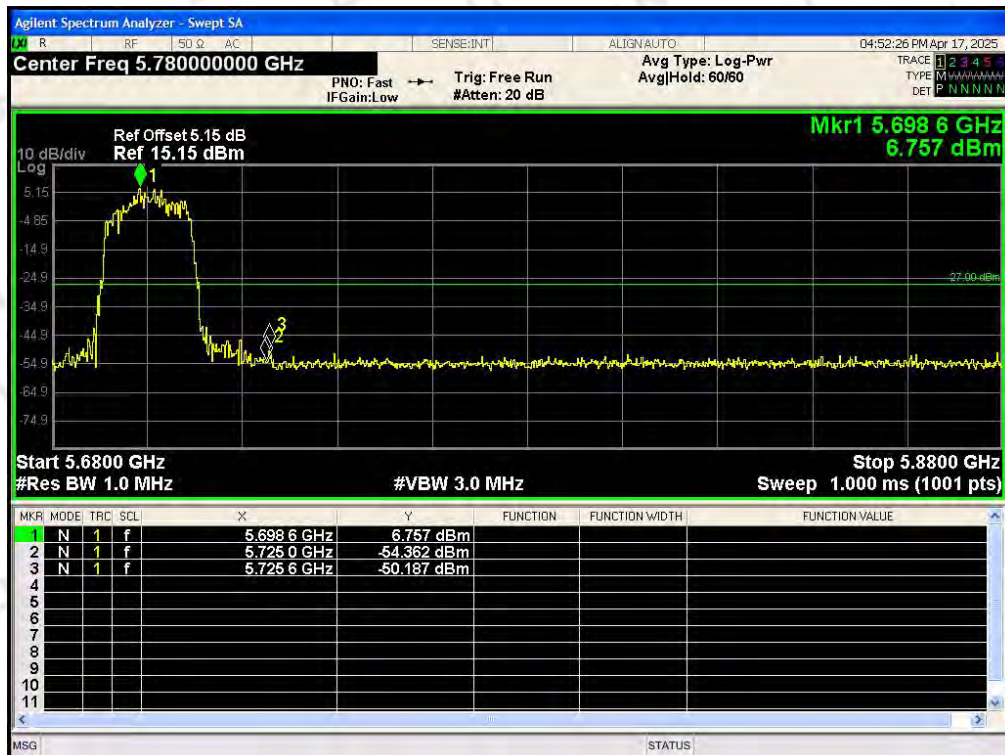
Band Edge NVNT 802.11n(HT20) 5500MHz Ant1



Band Edge NVNT 802.11n(HT20) 5700MHz Ant0



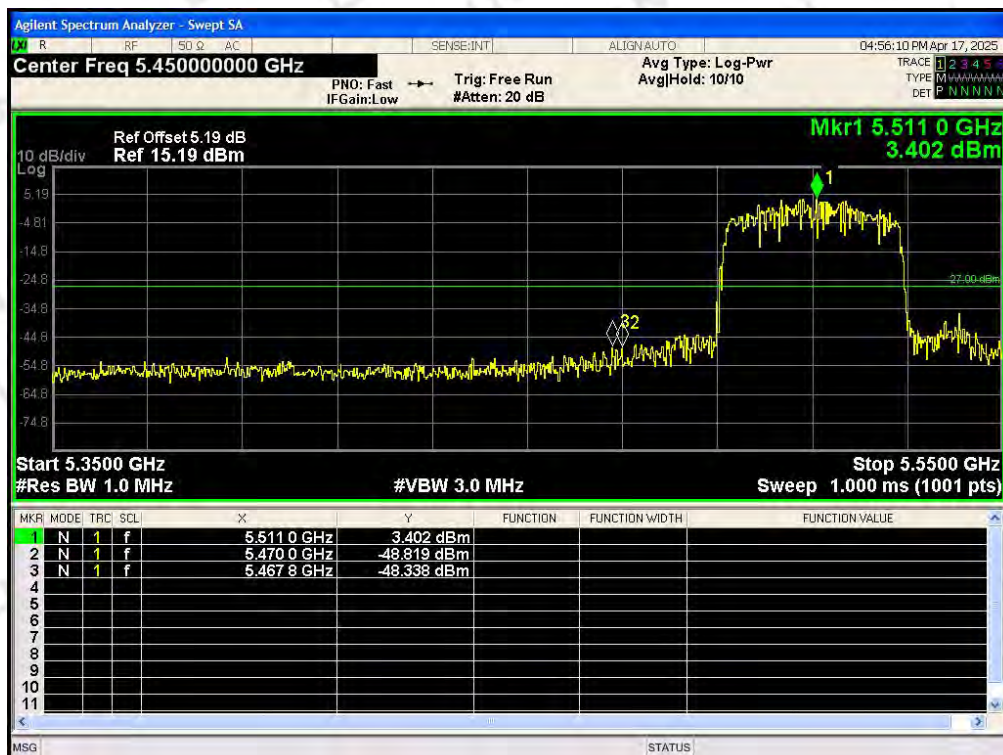
Band Edge NVNT 802.11n(HT20) 5700MHz Ant1



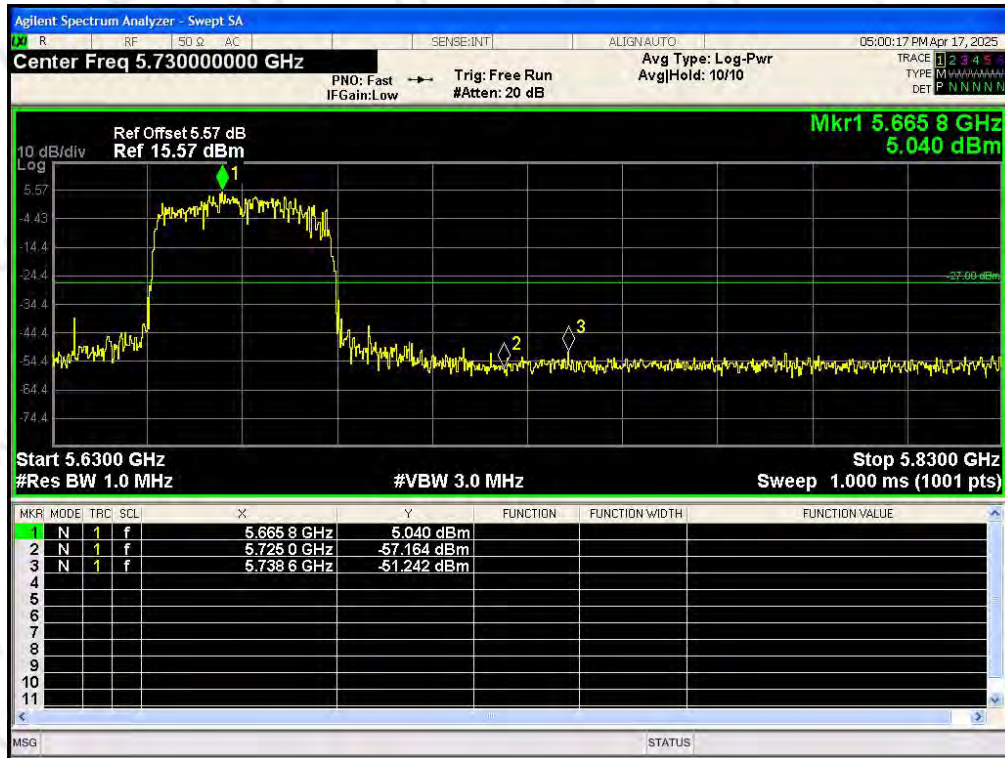
Band Edge NVNT 802.11n(HT40) 5510MHz Ant0



Band Edge NVNT 802.11n(HT40) 5510MHz Ant1



Band Edge NVNT 802.11n(HT40) 5670MHz Ant0



Band Edge NVNT 802.11n(HT40) 5670MHz Ant1

