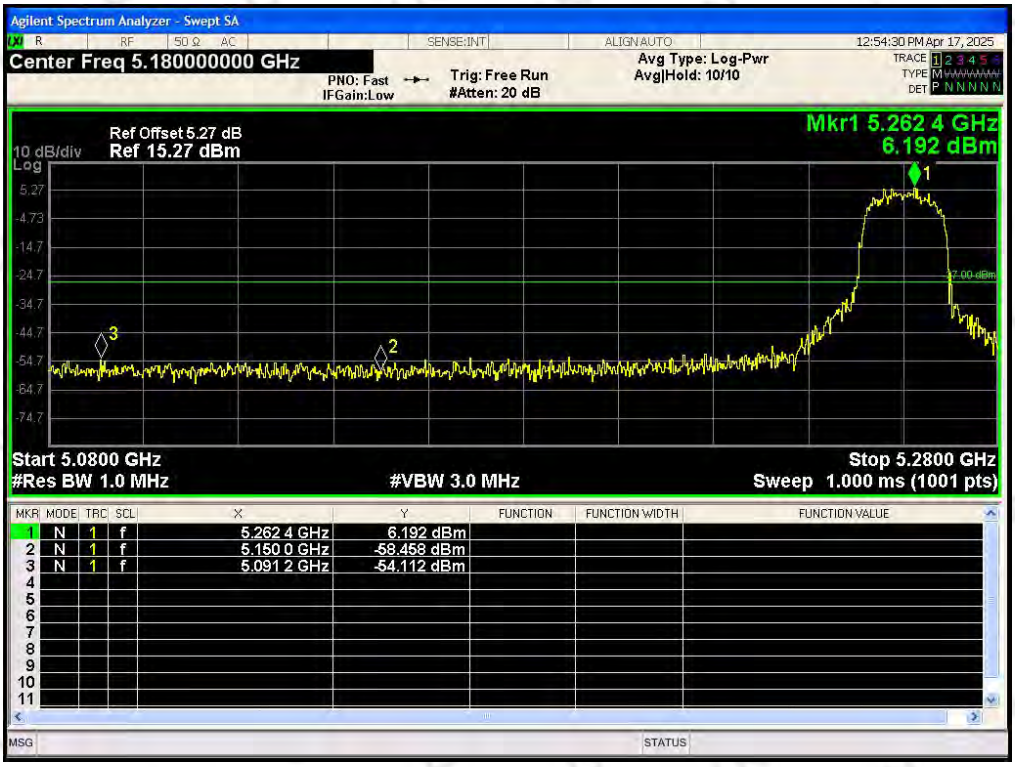
Test Report

5G WIFI B2 RF test data

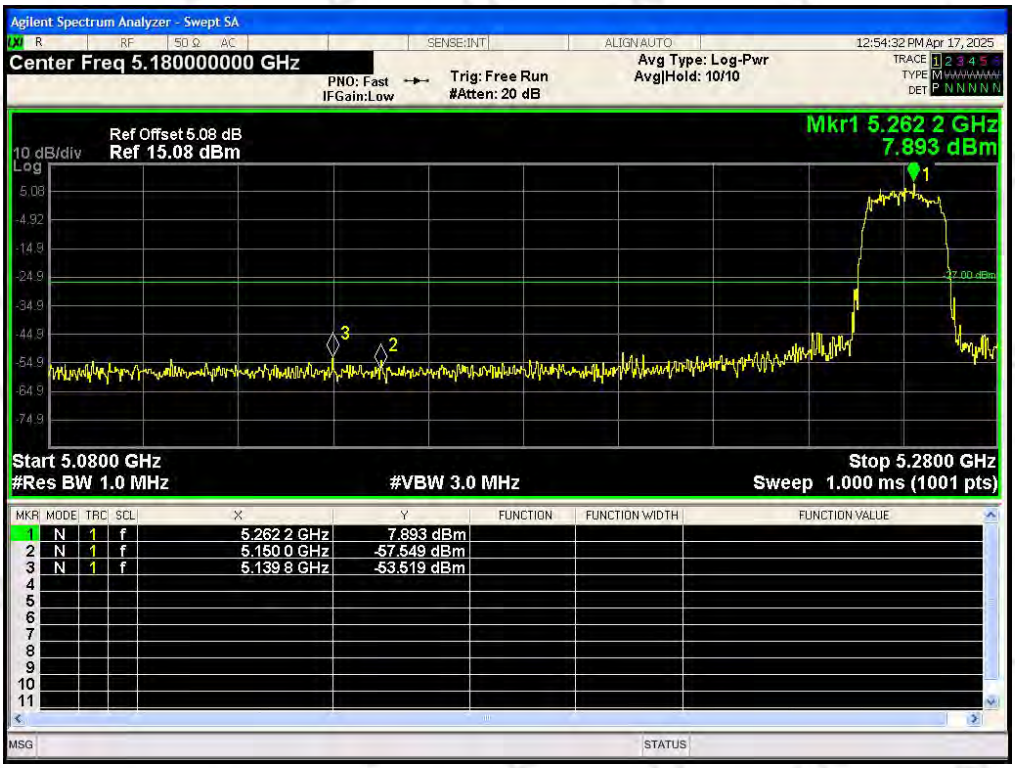
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5260	Ant 0	-54.11	-27	Pass
NVNT	802.11a	5260	Ant 1	-53.51	-27	Pass
NVNT	802.11a	5320	Ant 0	-49.89	-27	Pass
NVNT	802.11a	5320	Ant 1	-50.9	-27	Pass
NVNT	802.11ac20	5260	Ant 0	-53.06	-27	Pass
NVNT	802.11ac20	5260	Ant 1	-53.32	-27	Pass
NVNT	802.11ac20	5320	Ant 0	-50.56	-27	Pass
NVNT	802.11ac20	5320	Ant 1	-51.19	-27	Pass
NVNT	802.11ax40	5270	Ant 0	-52.98	-27	Pass
NVNT	802.11ax40	5270	Ant 1	-52.35	-27	Pass
NVNT	802.11ax40	5310	Ant 0	-45.52	-27	Pass
NVNT	802.11ax40	5310	Ant 1	-47.88	-27	Pass
NVNT	802.11ac80	5290	Ant 0	-50.88	-27	Pass
NVNT	802.11ac80	5290	Ant 1	-52.64	-27	Pass
NVNT	802.11ax20	5260	Ant 0	-52.73	-27	Pass
NVNT	802.11ax20	5260	Ant 1	-53.49	-27	Pass
NVNT	802.11ax20	5320	Ant 0	-51.57	-27	Pass
NVNT	802.11ax20	5320	Ant 1	-51.13	-27	Pass
NVNT	802.11ac40	5270	Ant 0	-52.78	-27	Pass
NVNT	802.11ac40	5270	Ant 1	-53.79	-27	Pass
NVNT	802.11ac40	5310	Ant 0	-49.92	-27	Pass
NVNT	802.11ac40	5310	Ant 1	-45.85	-27	Pass
NVNT	802.11ax80	5290	Ant 0	-52.71	-27	Pass
NVNT	802.11ax80	5290	Ant 1	-51.41	-27	Pass
NVNT	802.11n(HT20)	5260	Ant 0	-53.84	-27	Pass
NVNT	802.11n(HT20)	5260	Ant 1	-53.51	-27	Pass
NVNT	802.11n(HT20)	5320	Ant 0	-51.97	-27	Pass
NVNT	802.11n(HT20)	5320	Ant 1	-51.86	-27	Pass
NVNT	802.11n(HT40)	5270	Ant 0	-53.68	-27	Pass
NVNT	802.11n(HT40)	5270	Ant 1	-53.19	-27	Pass
NVNT	802.11n(HT40)	5310	Ant 0	-51.86	-27	Pass
NVNT	802.11n(HT40)	5310	Ant 1	-51.05	-27	Pass

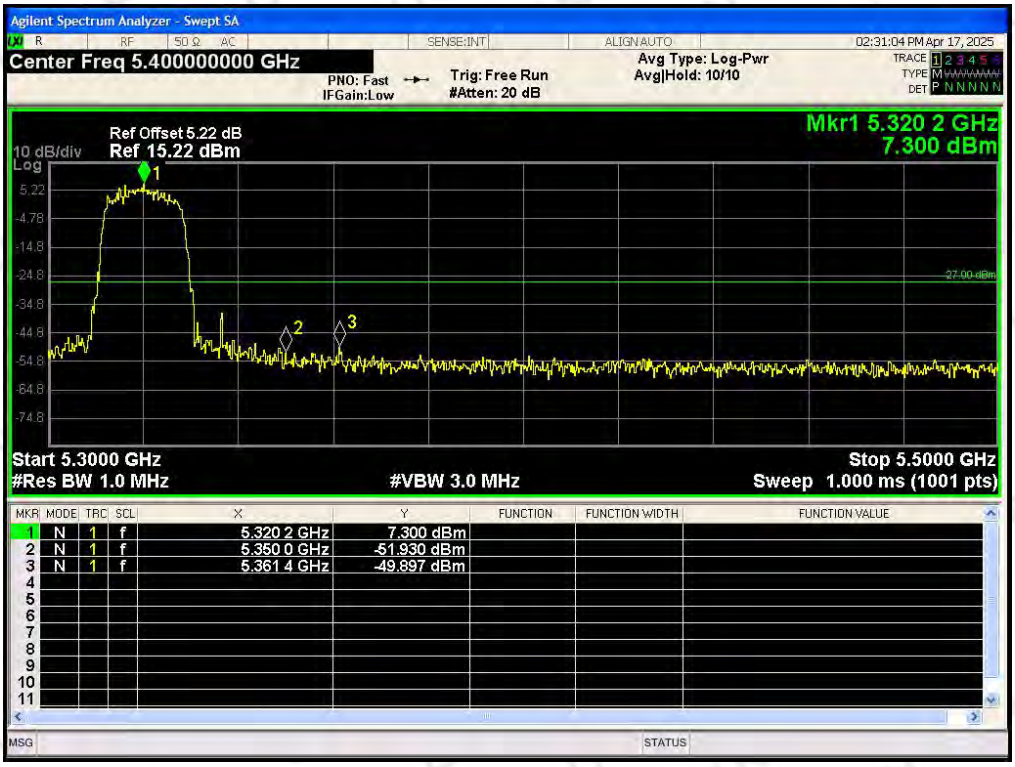
Band Edge NVNT 802.11a 5260MHz Ant0



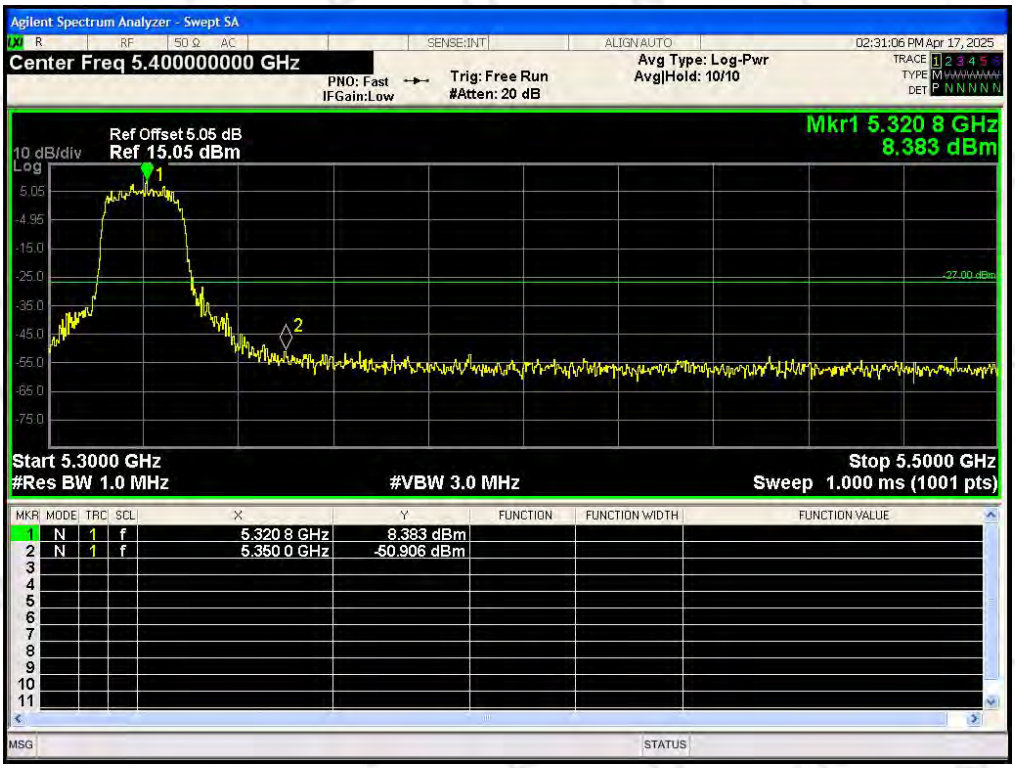
Band Edge NVNT 802.11a 5260MHz Ant1



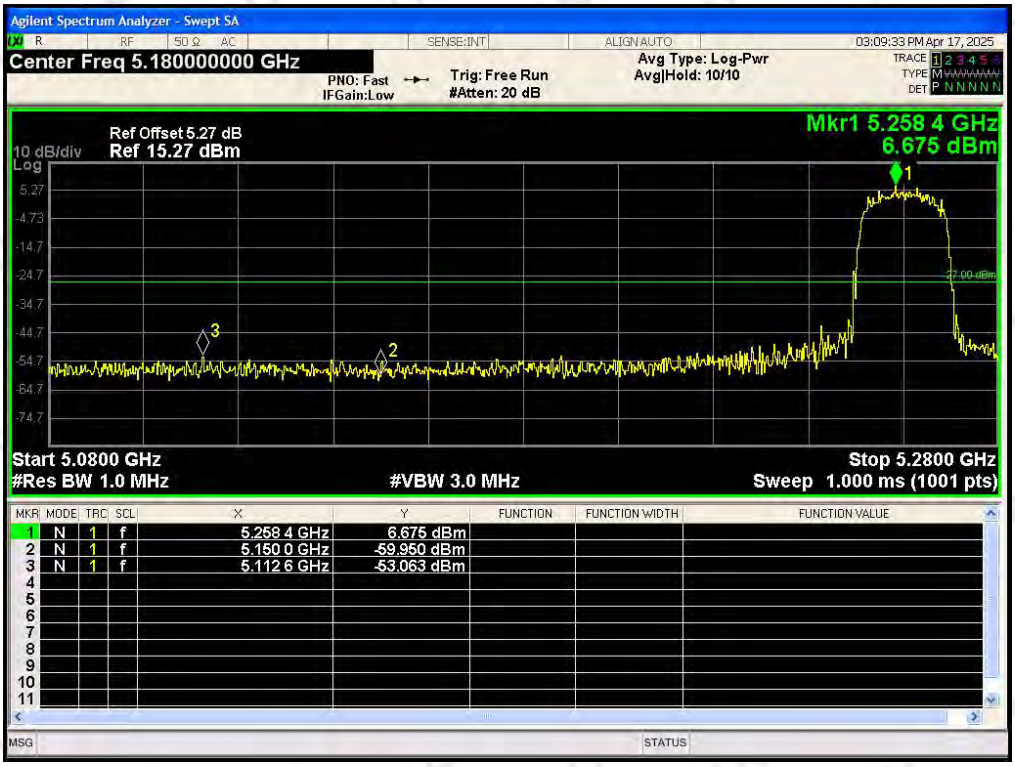
Band Edge NVNT 802.11a 5320MHz Ant0



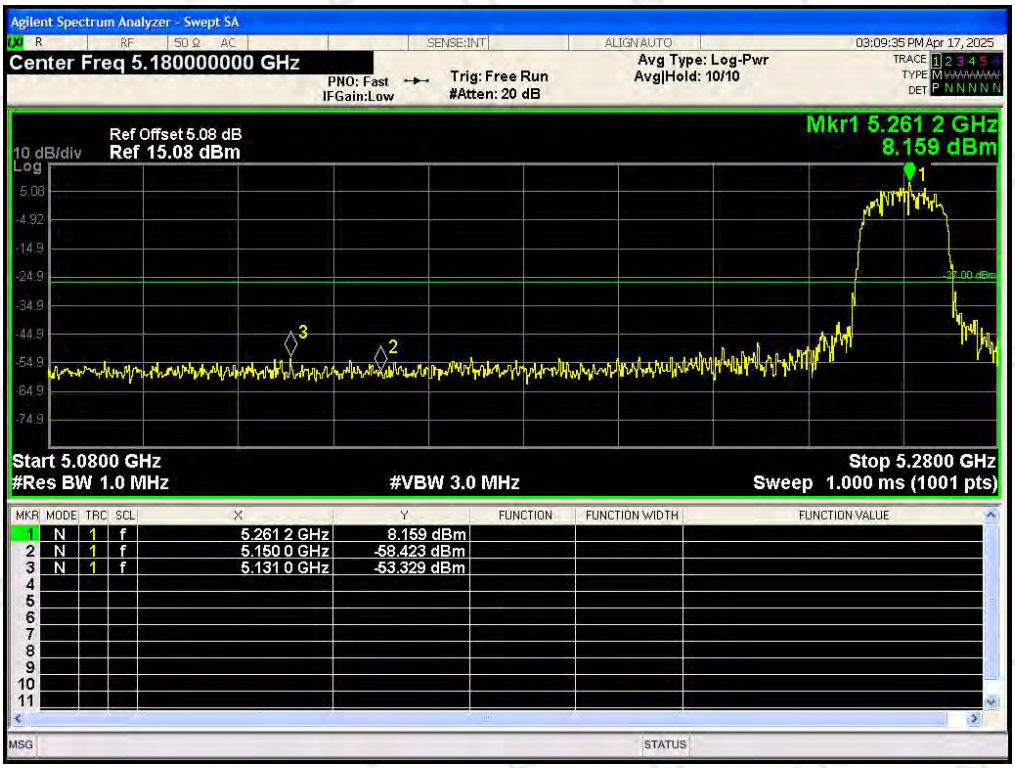
Band Edge NVNT 802.11a 5320MHz Ant1



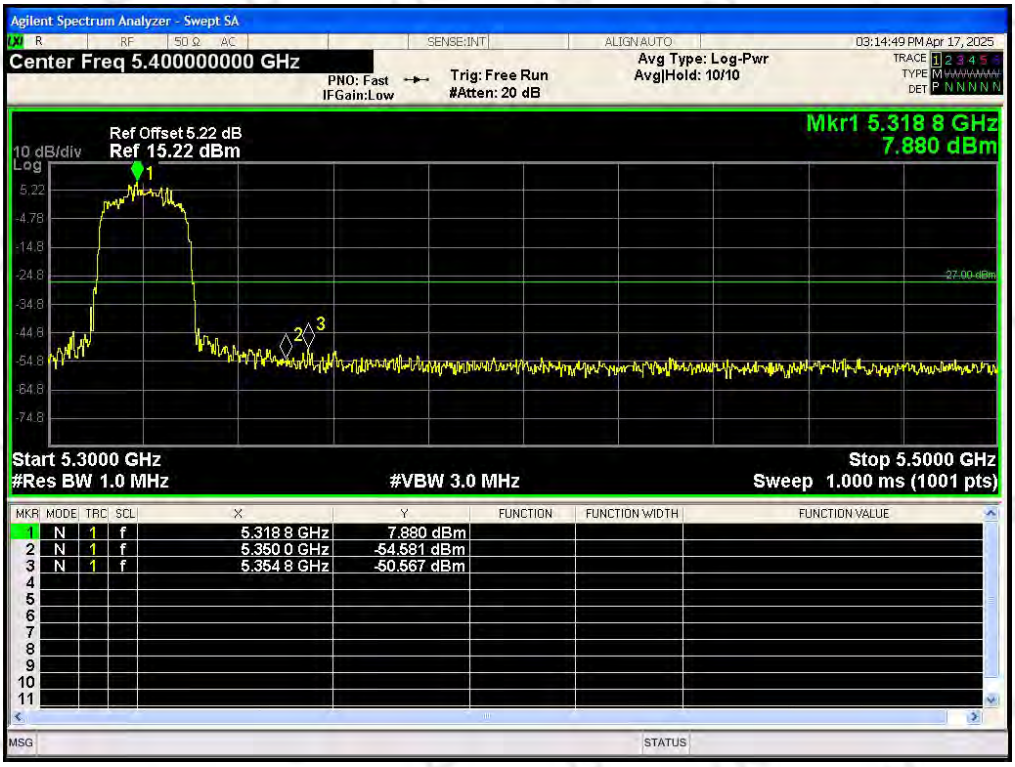
Band Edge NVNT 802.11ac20 5260MHz Ant0



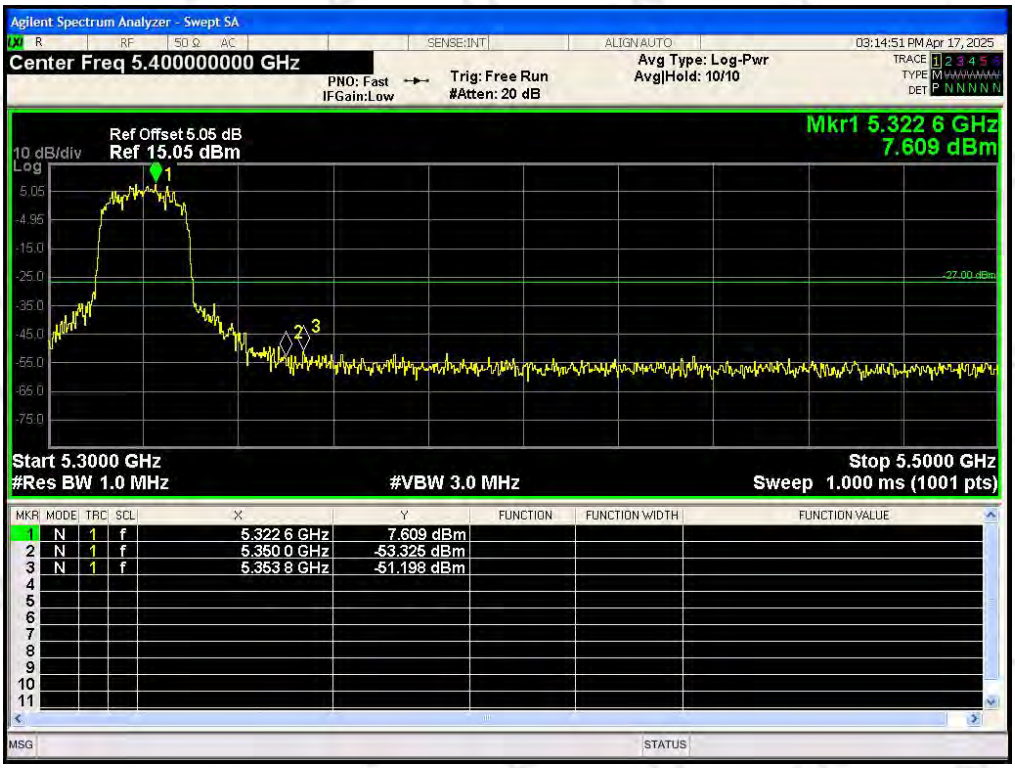
Band Edge NVNT 802.11ac20 5260MHz Ant1



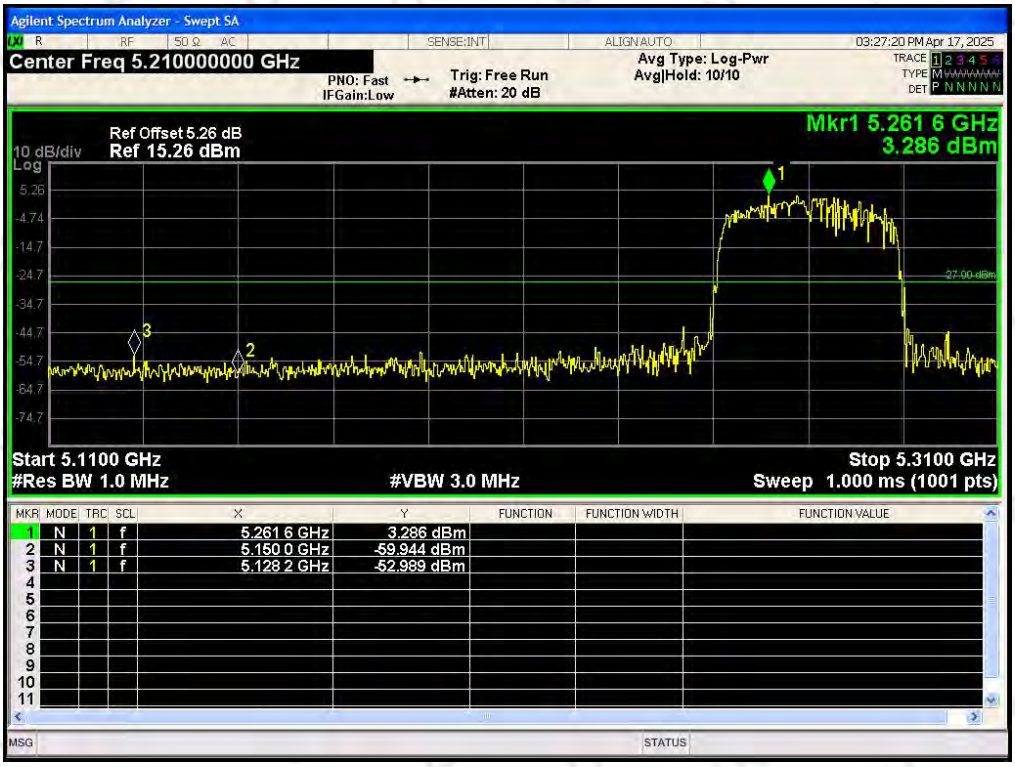
Band Edge NVNT 802.11ac20 5320MHz Ant0



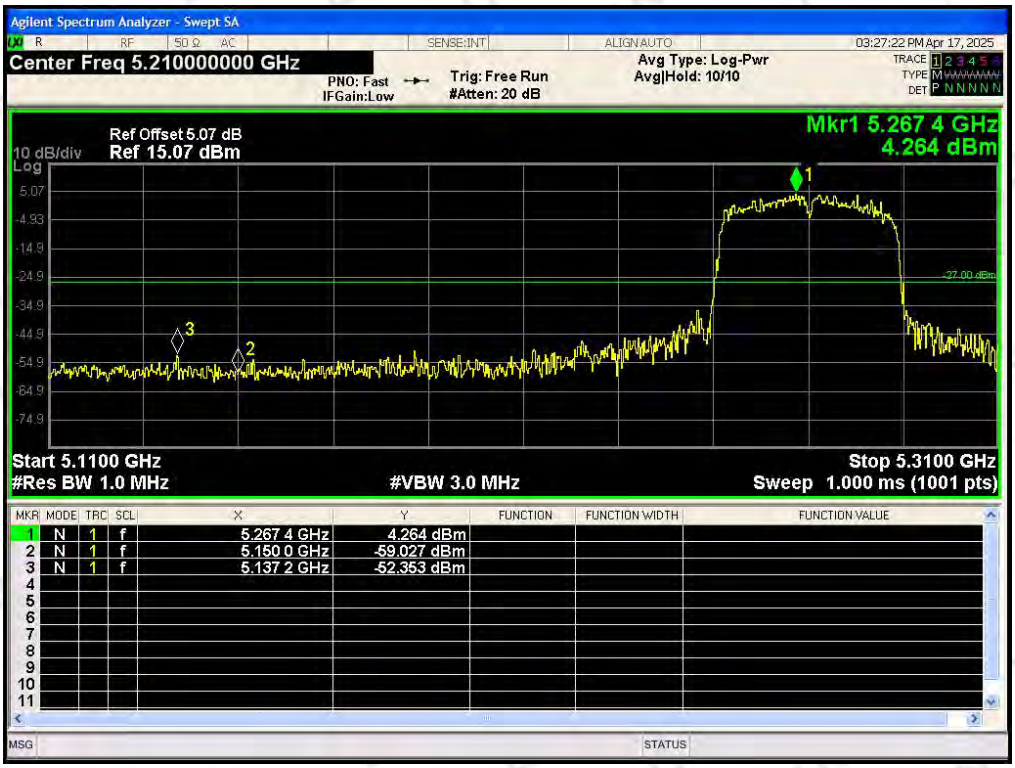
Band Edge NVNT 802.11ac20 5320MHz Ant1



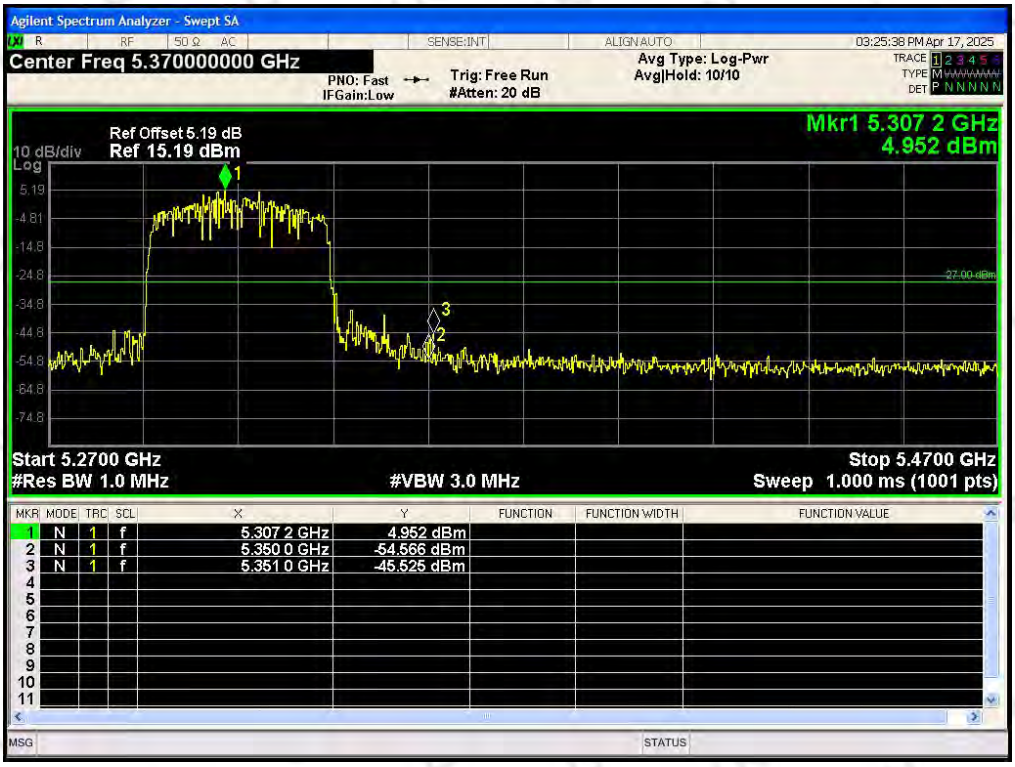
Band Edge NVNT 802.11ax40 5270MHz Ant0



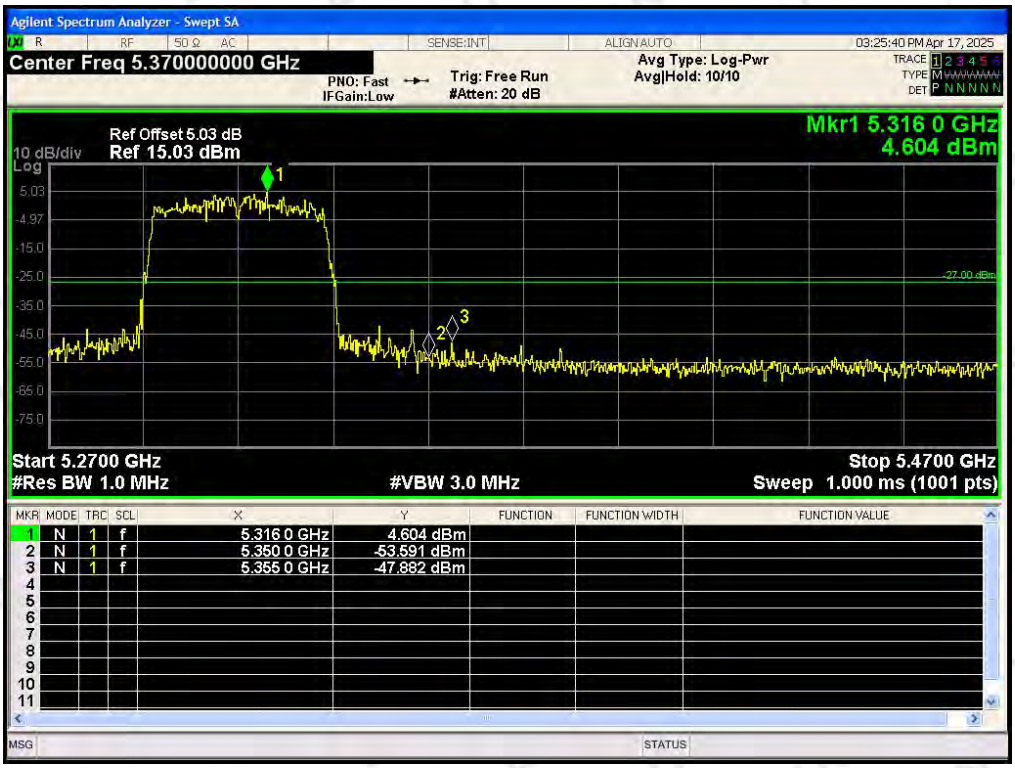
Band Edge NVNT 802.11ax40 5270MHz Ant1



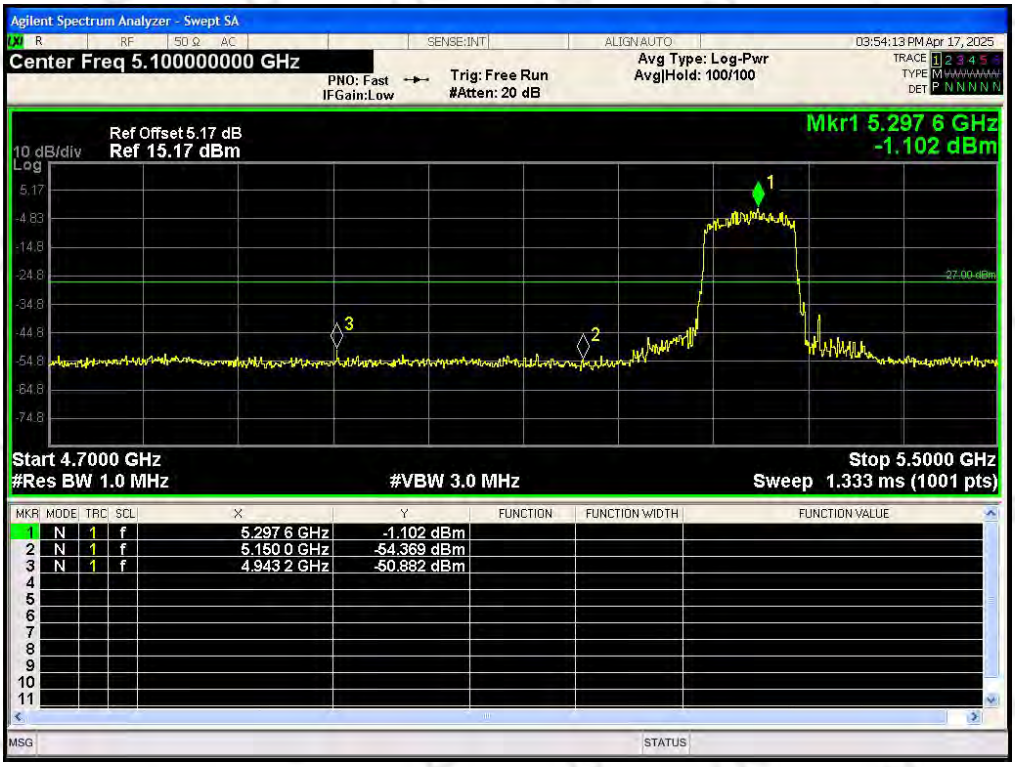
Band Edge NVNT 802.11ax40 5310MHz Ant0



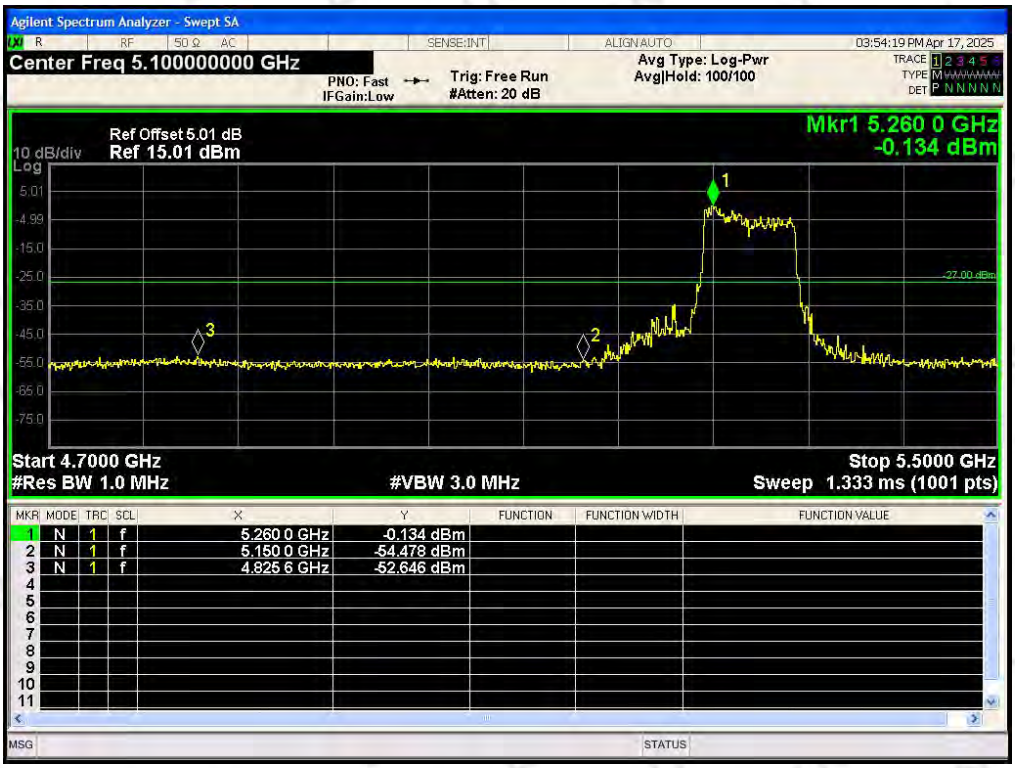
Band Edge NVNT 802.11ax40 5310MHz Ant1



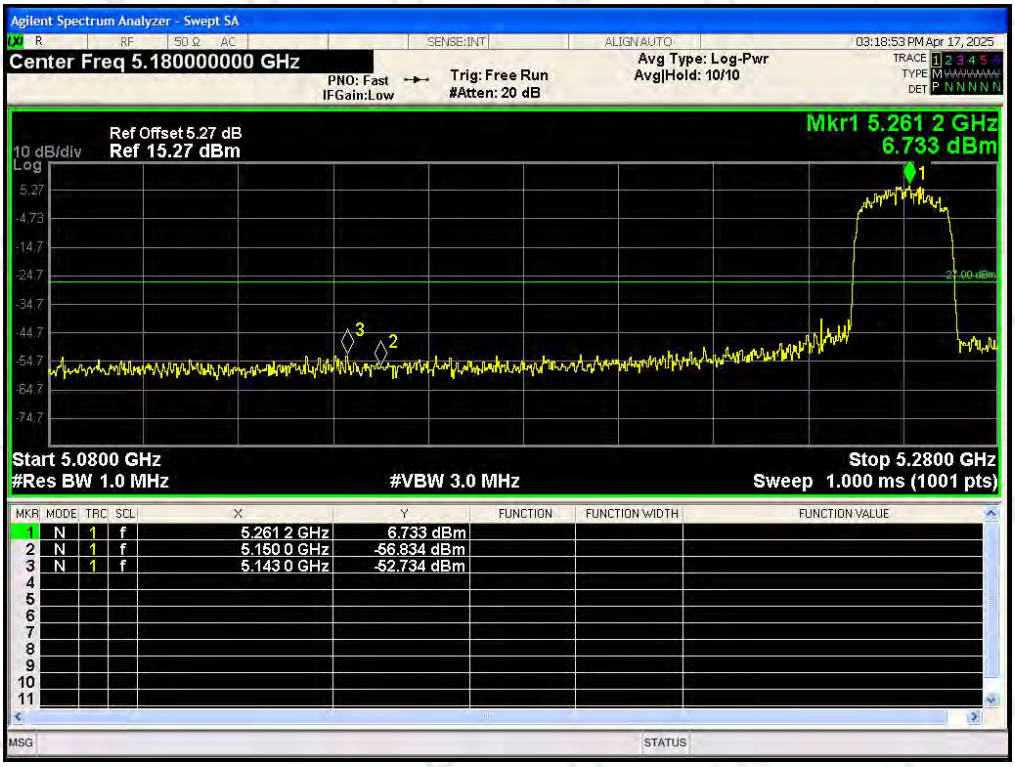
Band Edge NVNT 802.11ac80 5290MHz Ant0



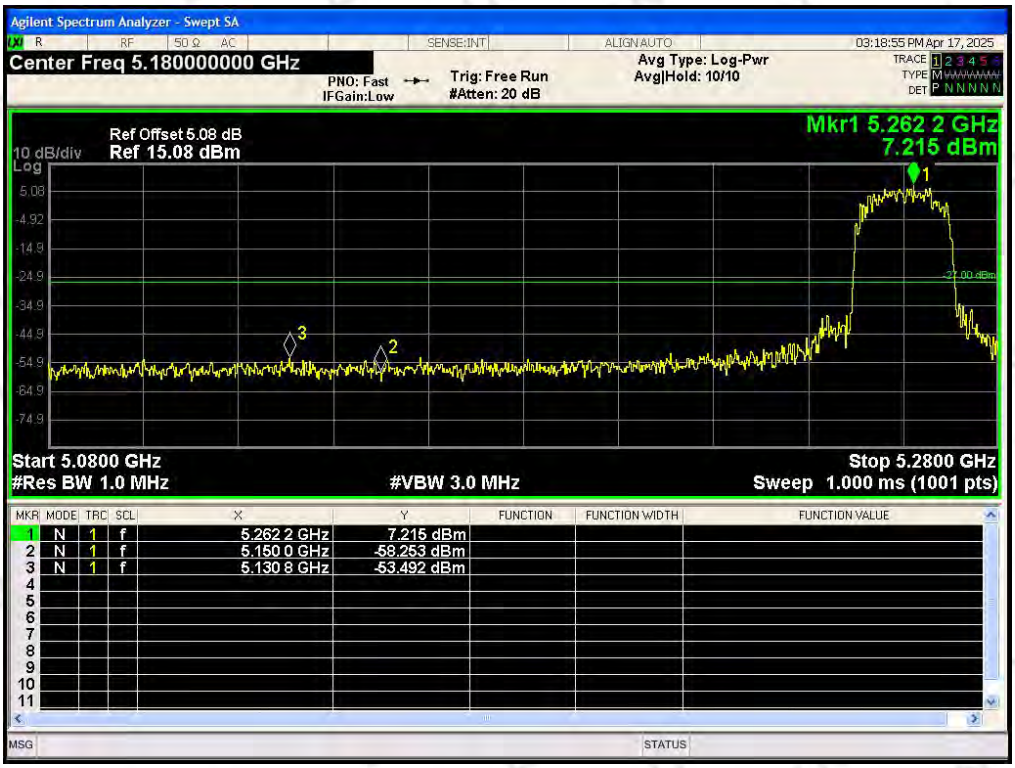
Band Edge NVNT 802.11ac80 5290MHz Ant1



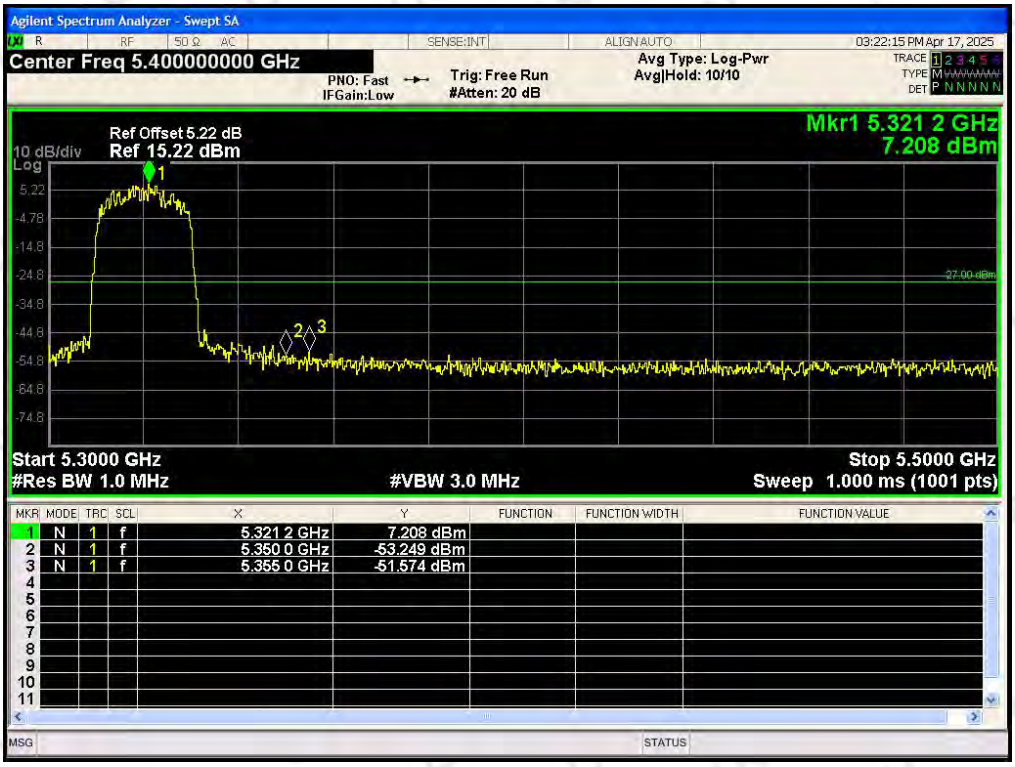
Band Edge NVNT 802.11ax20 5260MHz Ant0



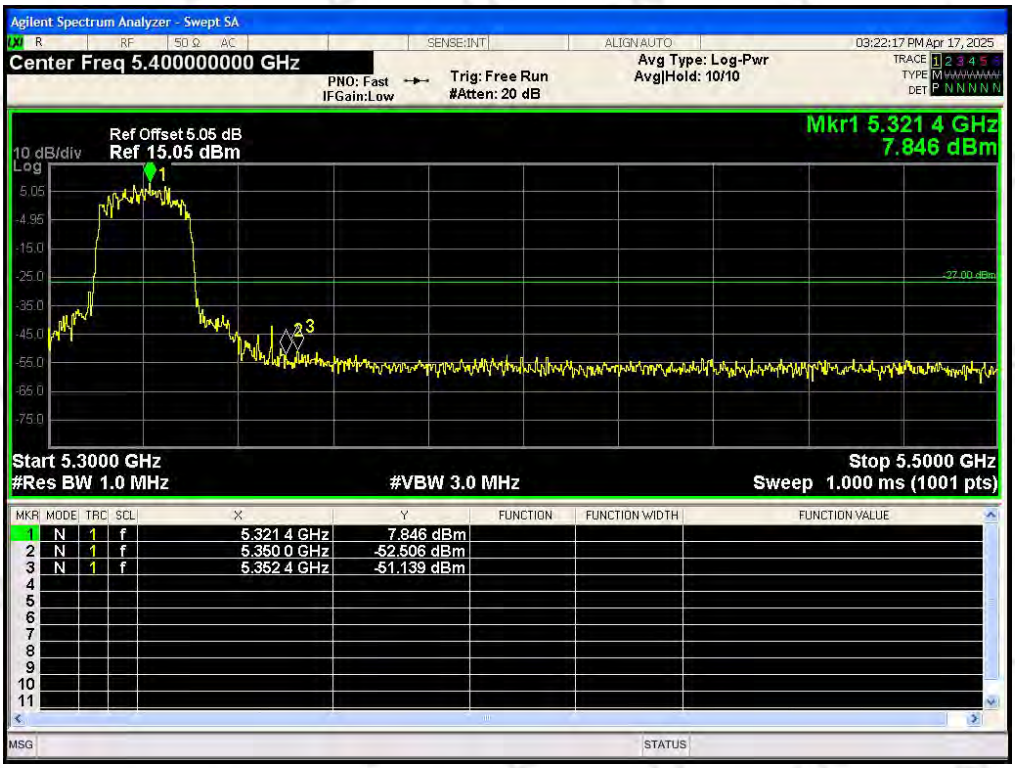
Band Edge NVNT 802.11ax20 5260MHz Ant1



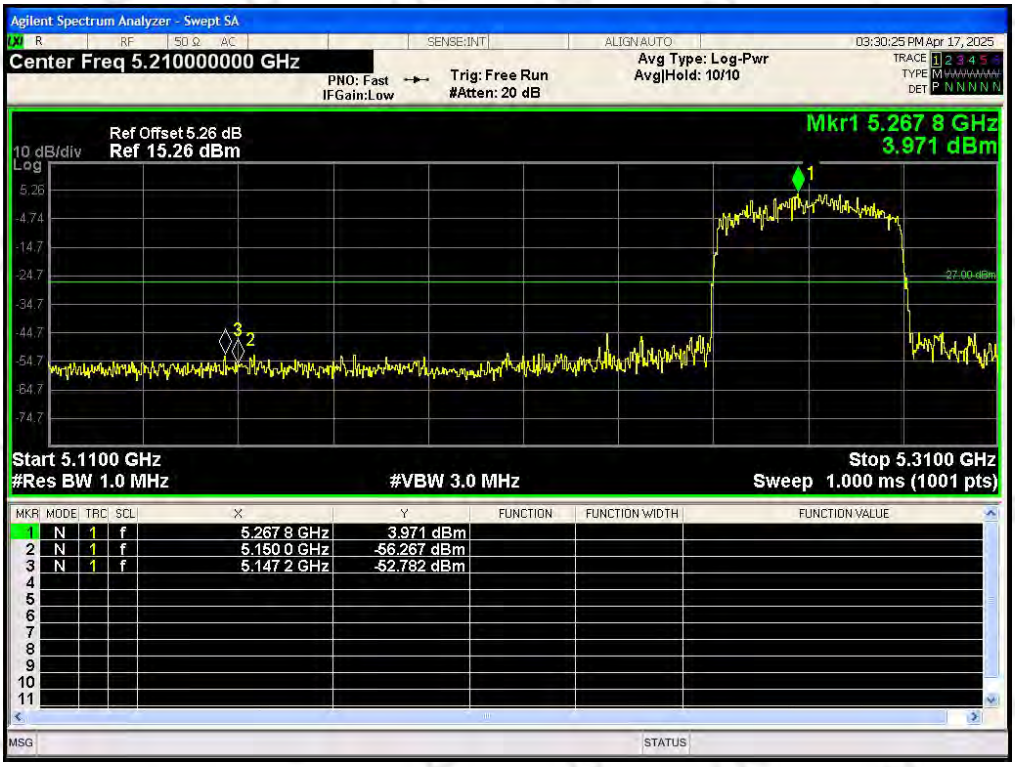
Band Edge NVNT 802.11ax20 5320MHz Ant0



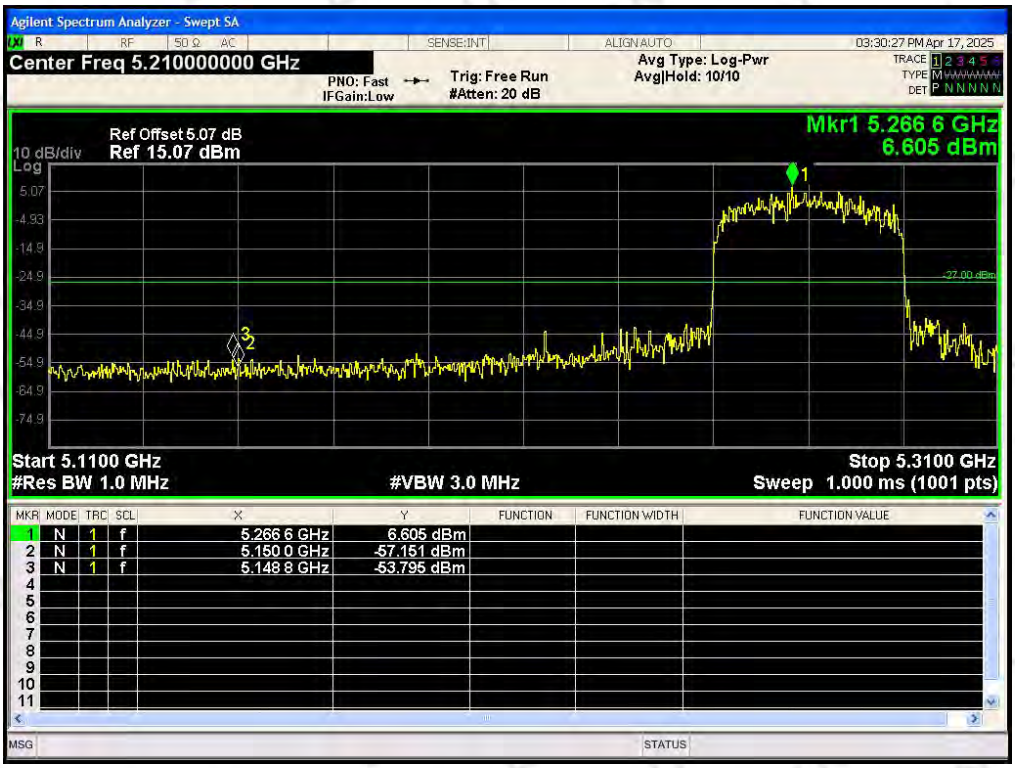
Band Edge NVNT 802.11ax20 5320MHz Ant1



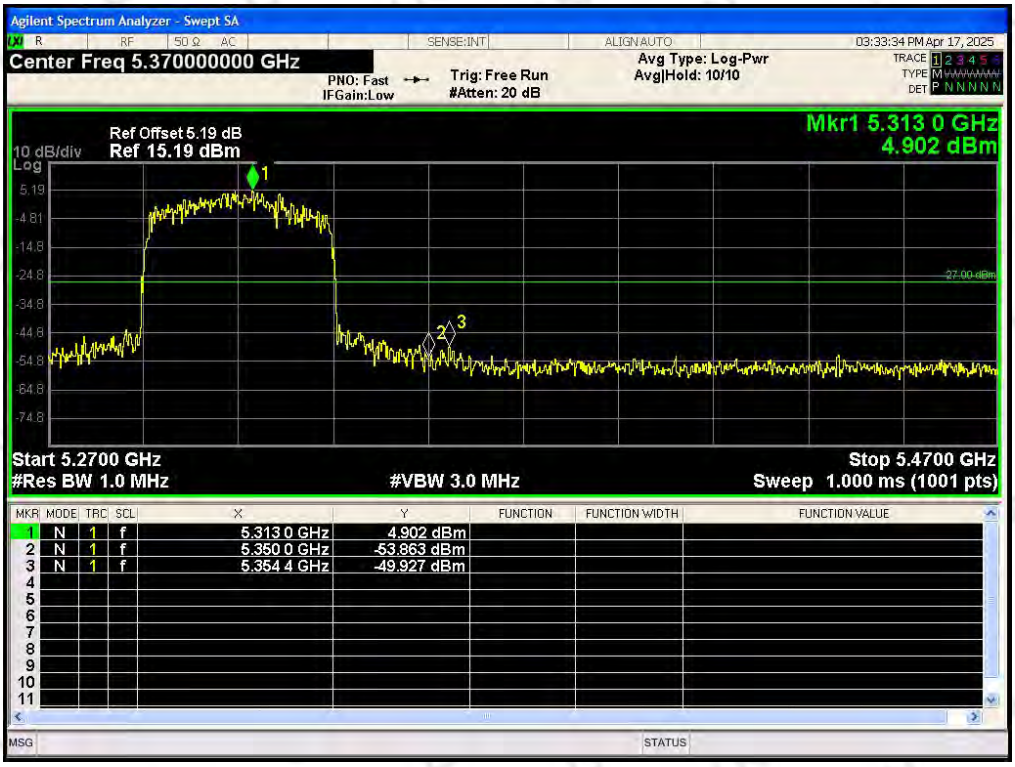
Band Edge NVNT 802.11ac40 5270MHz Ant0



Band Edge NVNT 802.11ac40 5270MHz Ant1

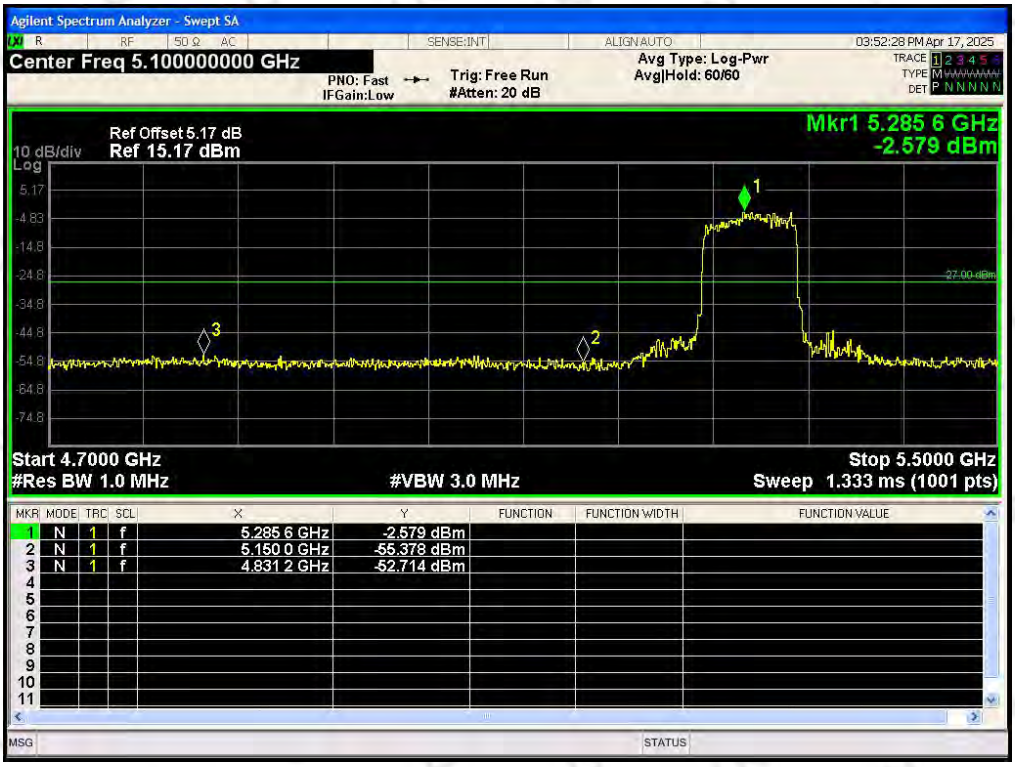


Band Edge NVNT 802.11ac40 5310MHz Ant0

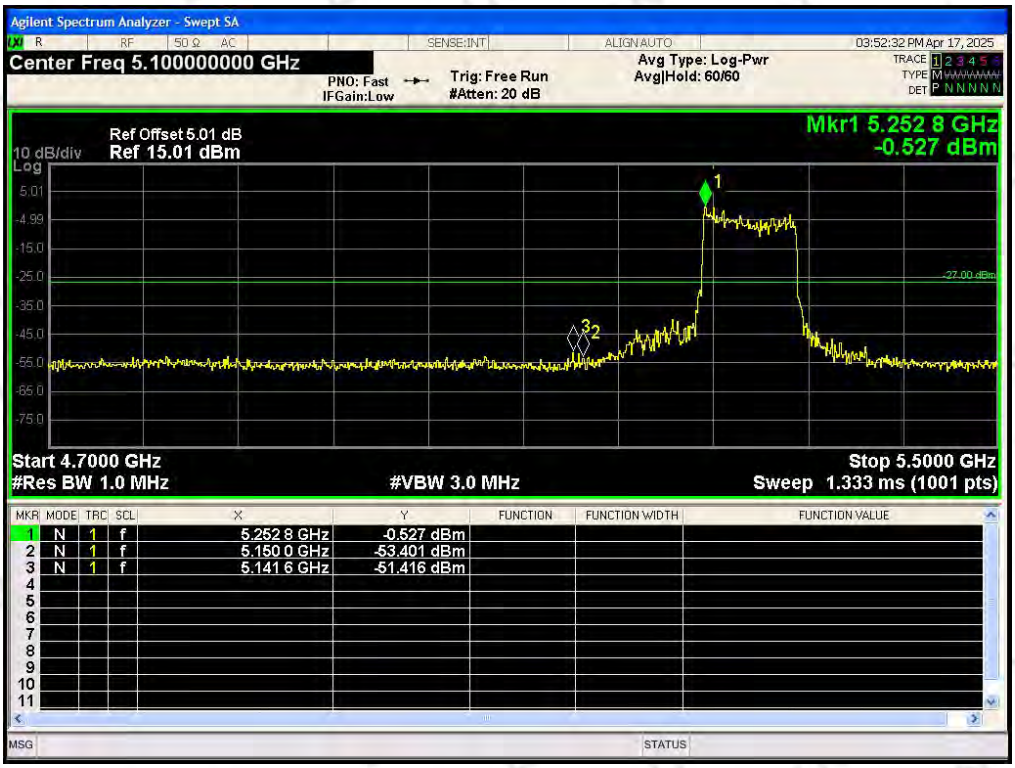


Band Edge NVNT 802.11ac40 5310MHz Ant1

Band Edge NVNT 802.11ax80 5290MHz Ant0

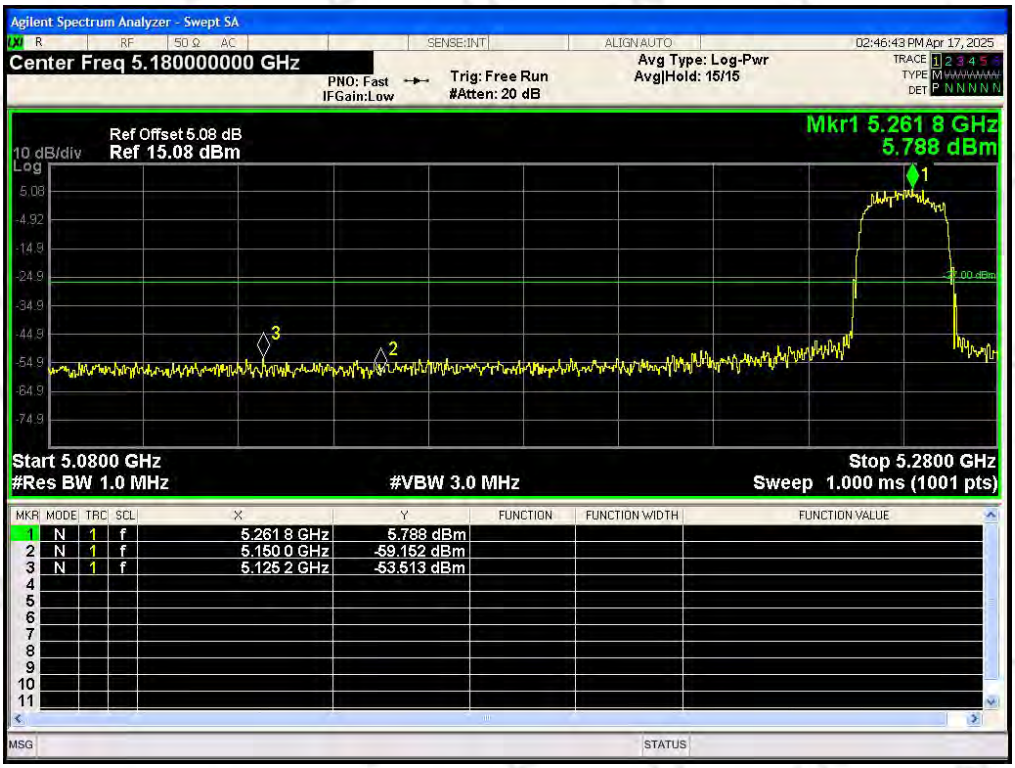


Band Edge NVNT 802.11ax80 5290MHz Ant1

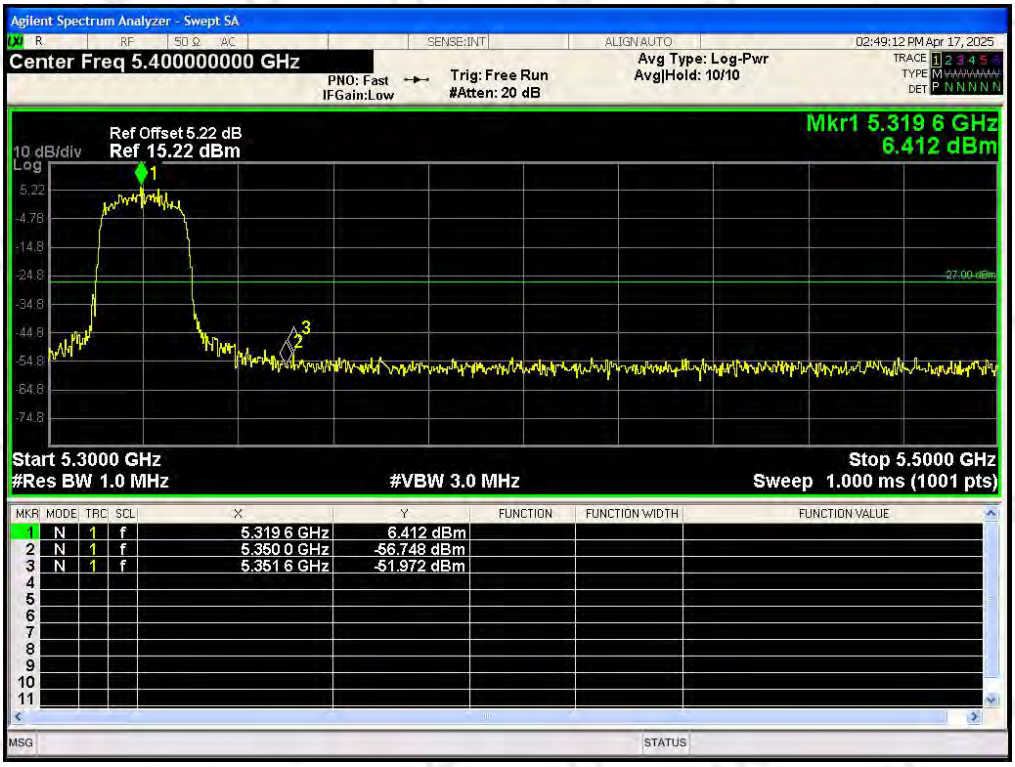


Band Edge NVNT 802.11n(HT20) 5260MHz Ant0

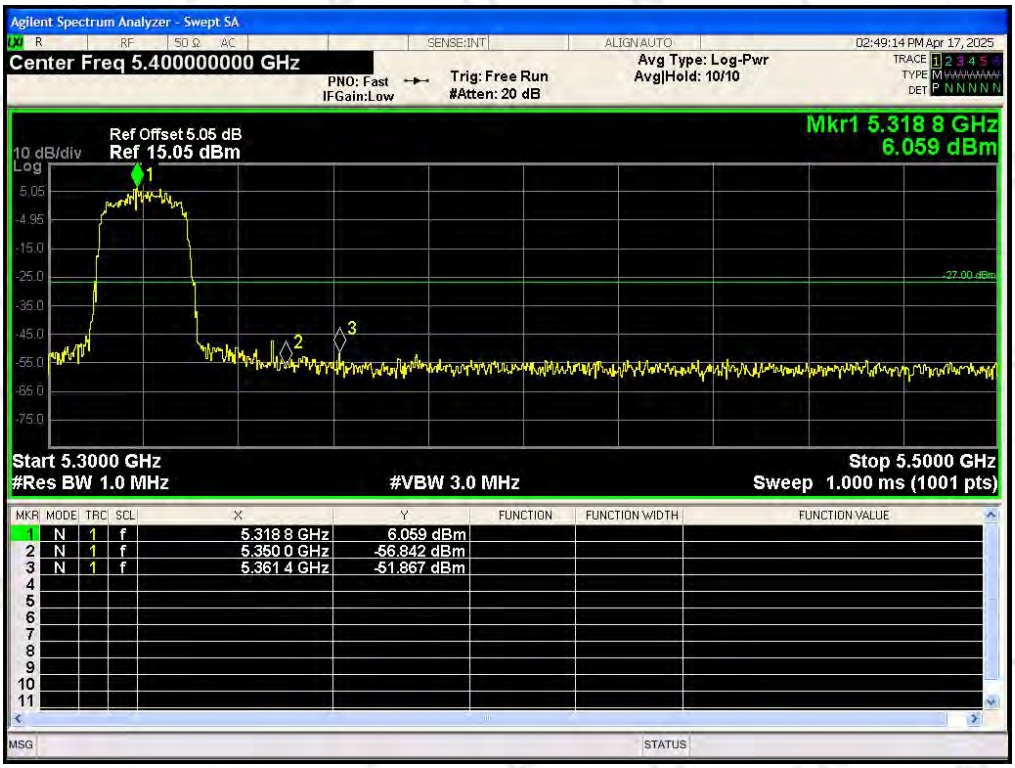
Band Edge NVNT 802.11n(HT20) 5260MHz Ant1



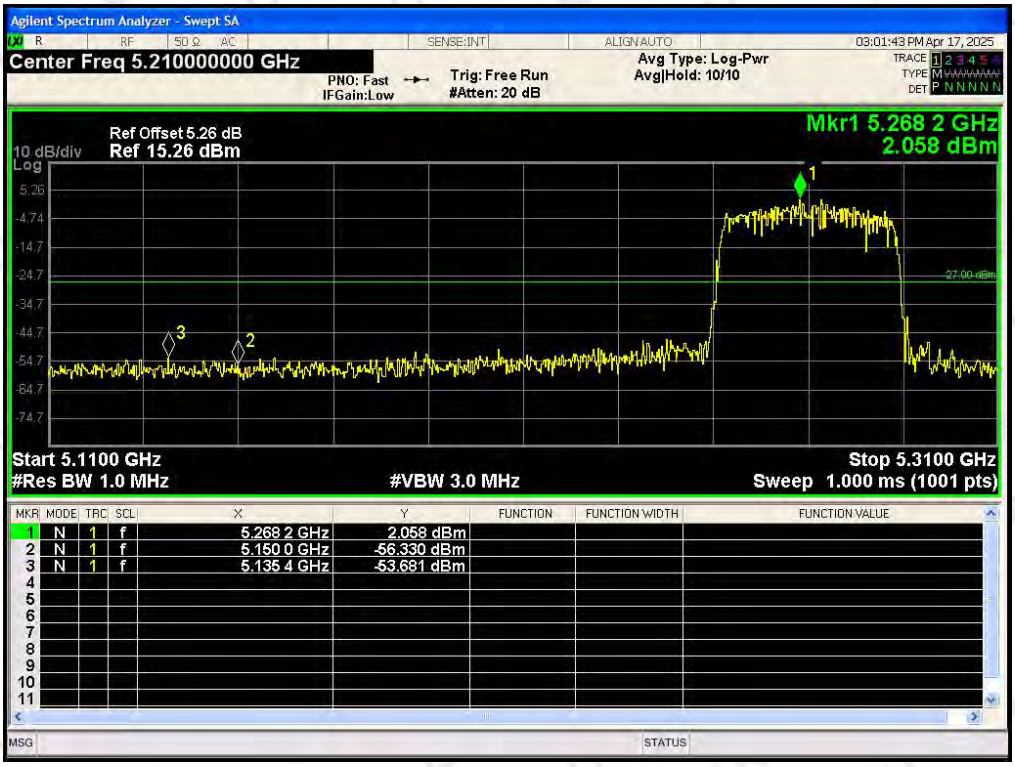
Band Edge NVNT 802.11n(HT20) 5320MHz Ant0



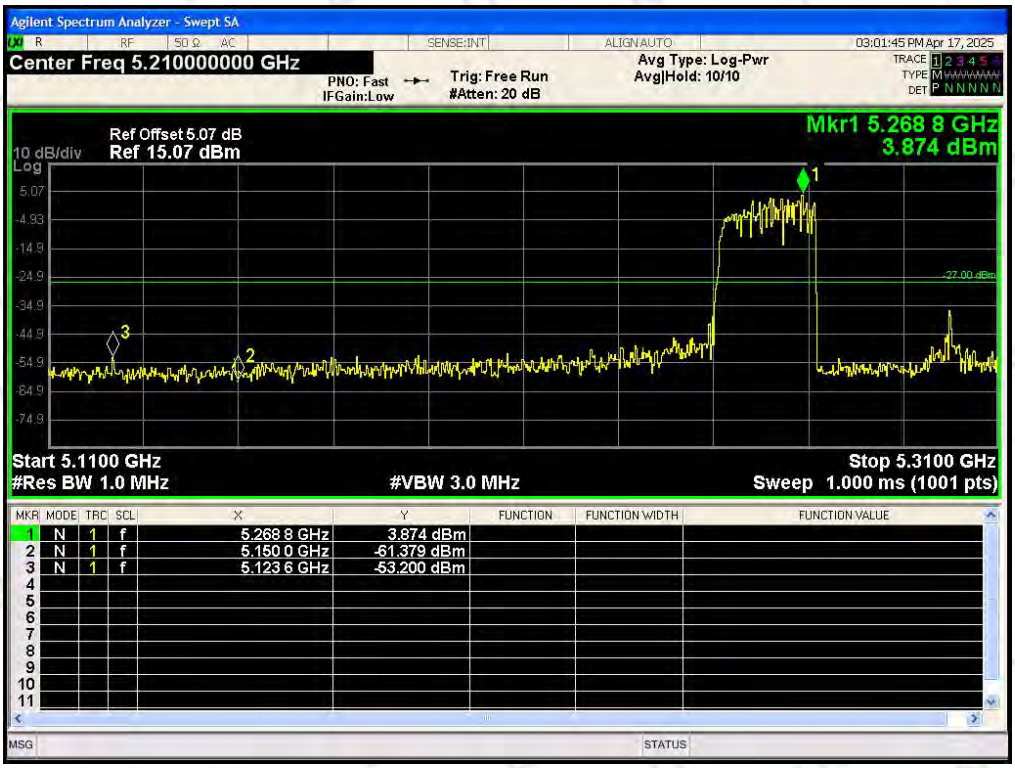
Band Edge NVNT 802.11n(HT20) 5320MHz Ant1



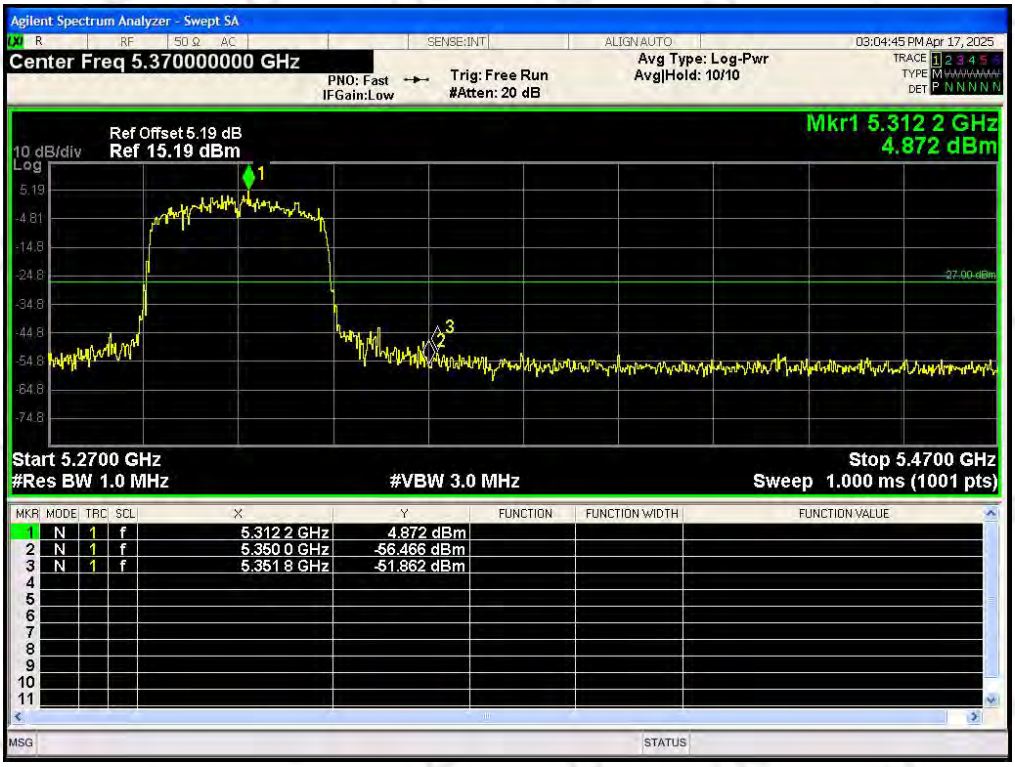
Band Edge NVNT 802.11n(HT40) 5270MHz Ant0



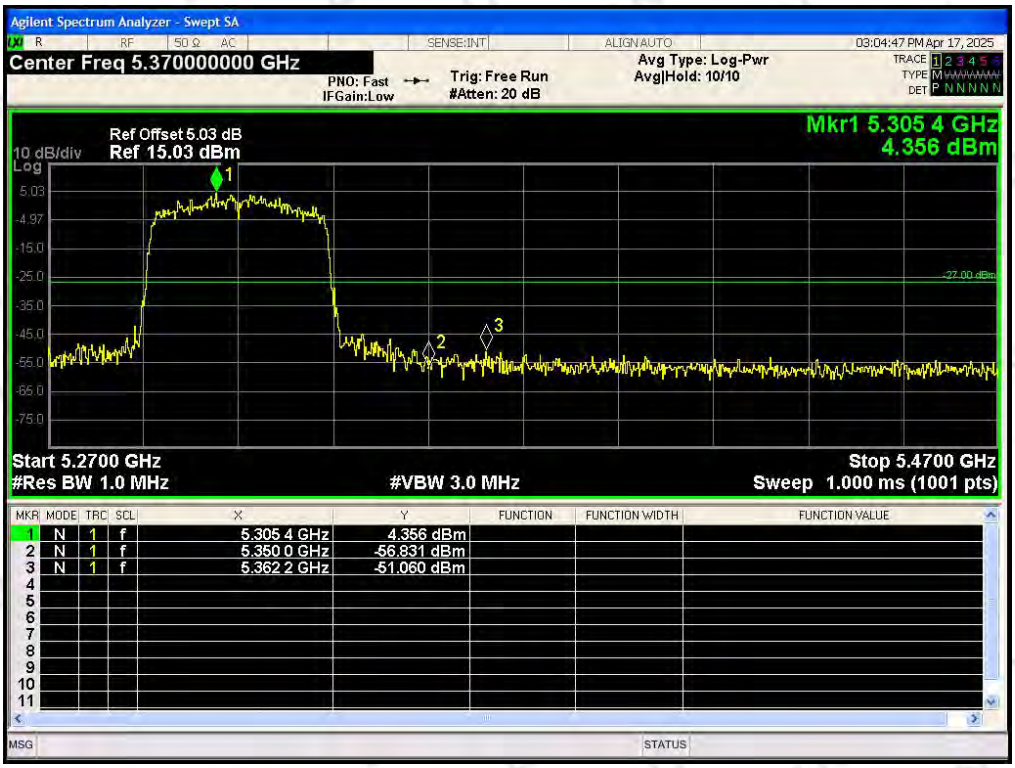
Band Edge NVNT 802.11n(HT40) 5270MHz Ant1



Band Edge NVNT 802.11n(HT40) 5310MHz Ant0



Band Edge NVNT 802.11n(HT40) 5310MHz Ant1

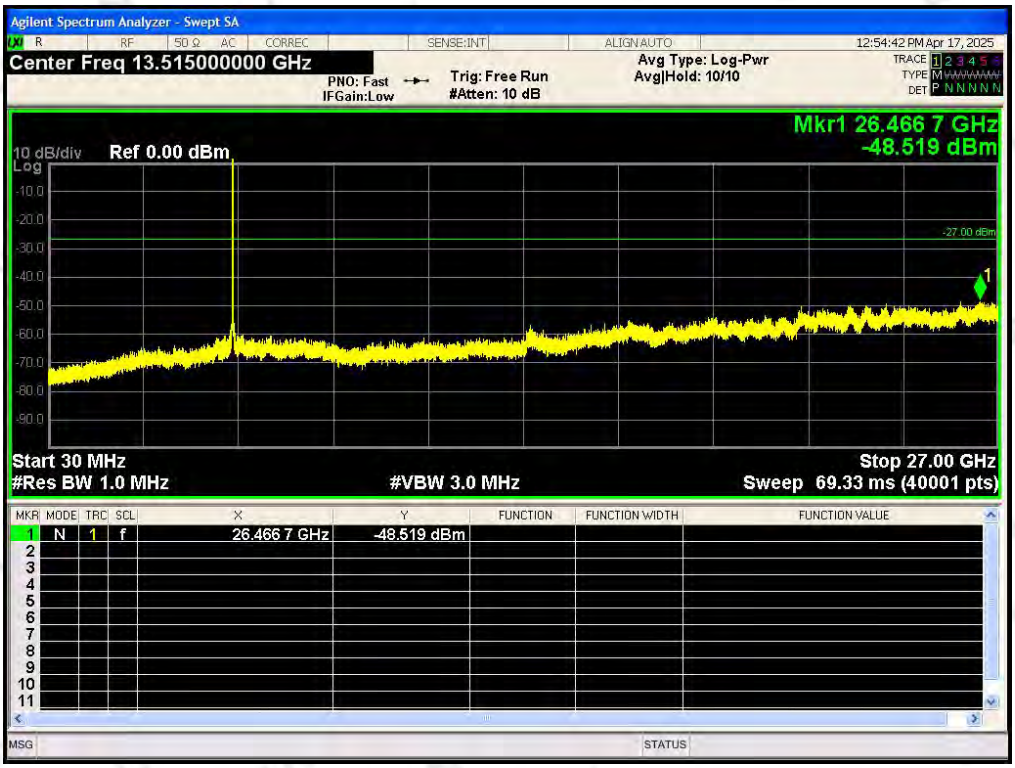


Conducted RF Spurious Emission

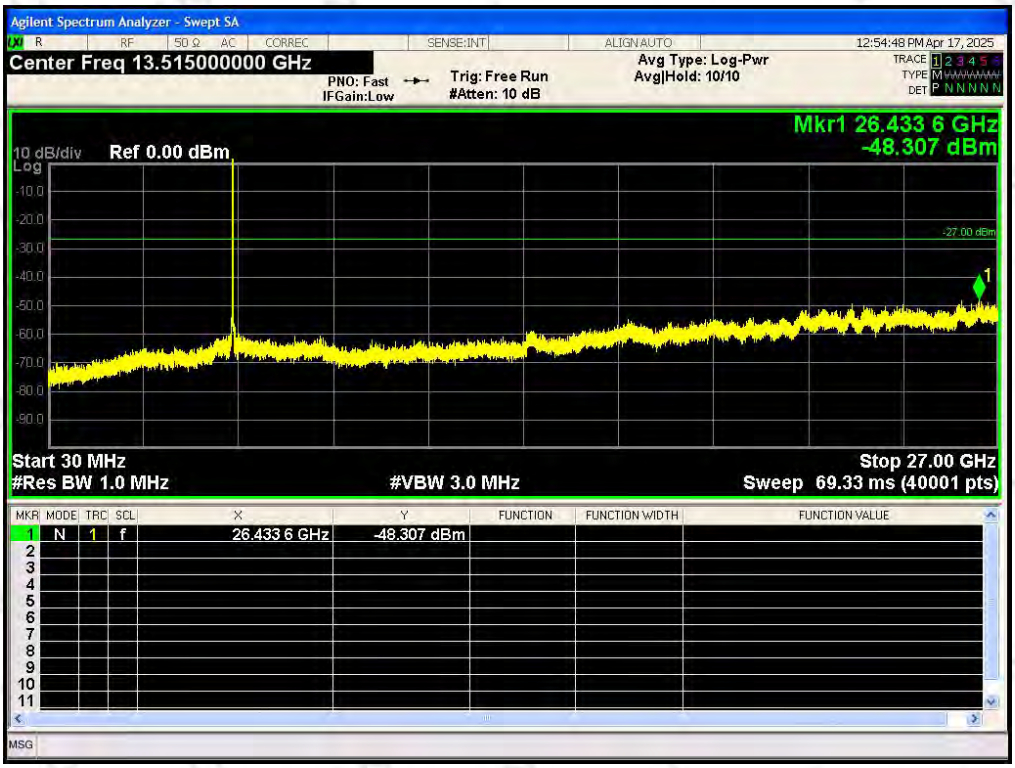
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5260	Ant 0	-48.51	-27	Pass
NVNT	802.11a	5260	Ant 1	-48.3	-27	Pass
NVNT	802.11a	5300	Ant 0	-48.23	-27	Pass
NVNT	802.11a	5300	Ant 1	-49.15	-27	Pass
NVNT	802.11a	5320	Ant 0	-48.47	-27	Pass
NVNT	802.11a	5320	Ant 1	-48.21	-27	Pass
NVNT	802.11ac20	5260	Ant 0	-48.3	-27	Pass
NVNT	802.11ac20	5260	Ant 1	-49	-27	Pass
NVNT	802.11ac20	5300	Ant 0	-48.33	-27	Pass
NVNT	802.11ac20	5300	Ant 1	-48.66	-27	Pass
NVNT	802.11ac20	5320	Ant 0	-48.07	-27	Pass
NVNT	802.11ac20	5320	Ant 1	-49.03	-27	Pass
NVNT	802.11ax40	5270	Ant 0	-48.57	-27	Pass
NVNT	802.11ax40	5270	Ant 1	-47.89	-27	Pass
NVNT	802.11ax40	5310	Ant 0	-48.07	-27	Pass
NVNT	802.11ax40	5310	Ant 1	-47.75	-27	Pass
NVNT	802.11ac80	5290	Ant 0	-48.46	-27	Pass
NVNT	802.11ac80	5290	Ant 1	-48.29	-27	Pass
NVNT	802.11ax20	5260	Ant 0	-48.25	-27	Pass
NVNT	802.11ax20	5260	Ant 1	-49.37	-27	Pass
NVNT	802.11ax20	5300	Ant 0	-48.32	-27	Pass
NVNT	802.11ax20	5300	Ant 1	-48.9	-27	Pass
NVNT	802.11ax20	5320	Ant 0	-49.32	-27	Pass
NVNT	802.11ax20	5320	Ant 1	-48.82	-27	Pass
NVNT	802.11ac40	5270	Ant 0	-48.72	-27	Pass
NVNT	802.11ac40	5270	Ant 1	-48.4	-27	Pass
NVNT	802.11ac40	5310	Ant 0	-48.51	-27	Pass
NVNT	802.11ac40	5310	Ant 1	-48.76	-27	Pass
NVNT	802.11ax80	5290	Ant 0	-48.44	-27	Pass
NVNT	802.11ax80	5290	Ant 1	-48.38	-27	Pass
NVNT	802.11n(HT20)	5260	Ant 0	-48.39	-27	Pass
NVNT	802.11n(HT20)	5260	Ant 1	-48.71	-27	Pass
NVNT	802.11n(HT20)	5300	Ant 0	-48.19	-27	Pass
NVNT	802.11n(HT20)	5300	Ant 1	-48.38	-27	Pass
NVNT	802.11n(HT20)	5320	Ant 0	-48.46	-27	Pass
NVNT	802.11n(HT20)	5320	Ant 1	-48.79	-27	Pass
NVNT	802.11n(HT40)	5270	Ant 0	-48.1	-27	Pass

NVNT	802.11n(HT40)	5270	Ant 1	-48.01	-27	Pass
NVNT	802.11n(HT40)	5310	Ant 0	-47.56	-27	Pass
NVNT	802.11n(HT40)	5310	Ant 1	-47.75	-27	Pass

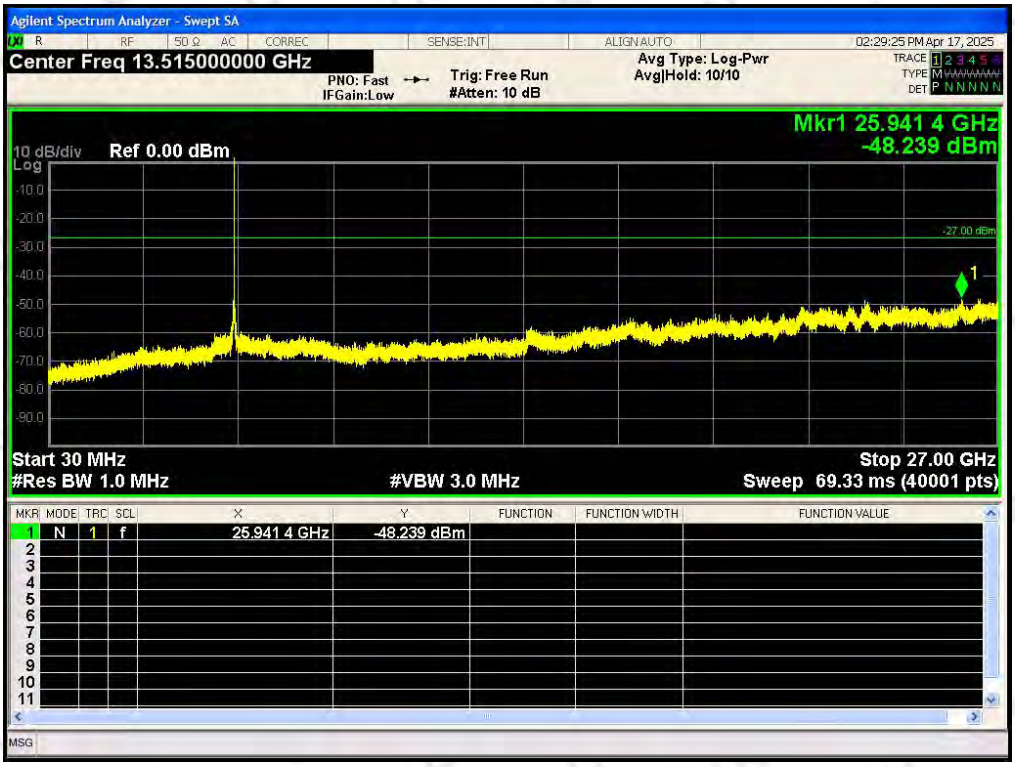
Tx. Spurious NVNT 802.11a 5260MHz Ant0 Emission



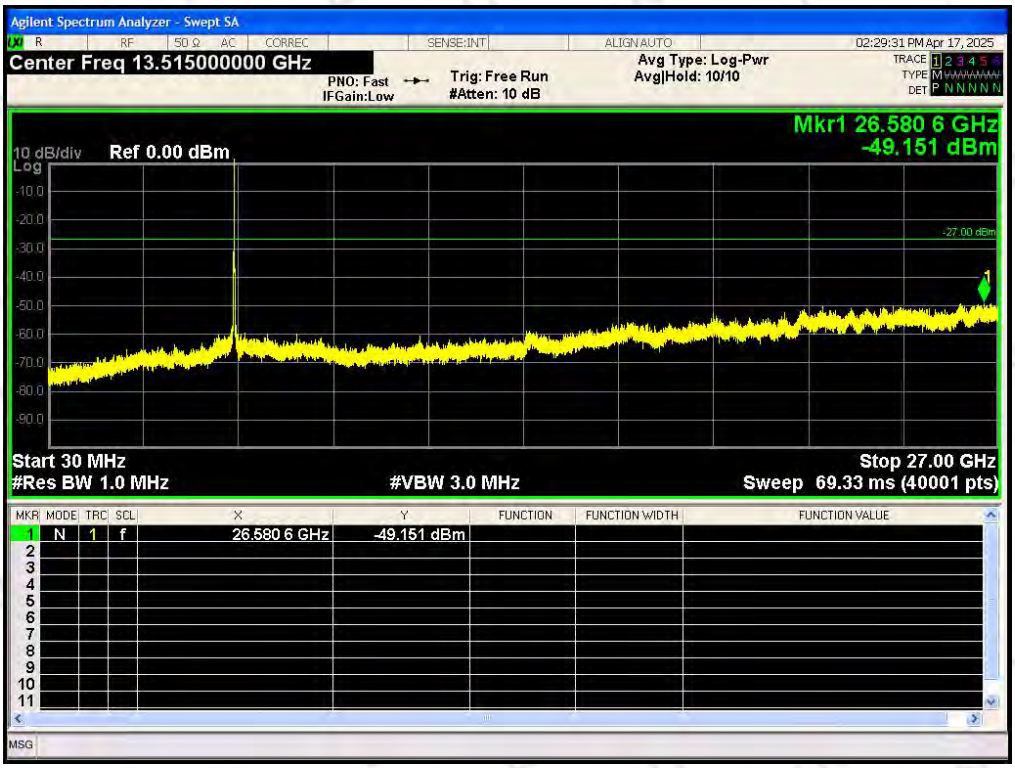
Tx. Spurious NVNT 802.11a 5260MHz Ant1 Emission



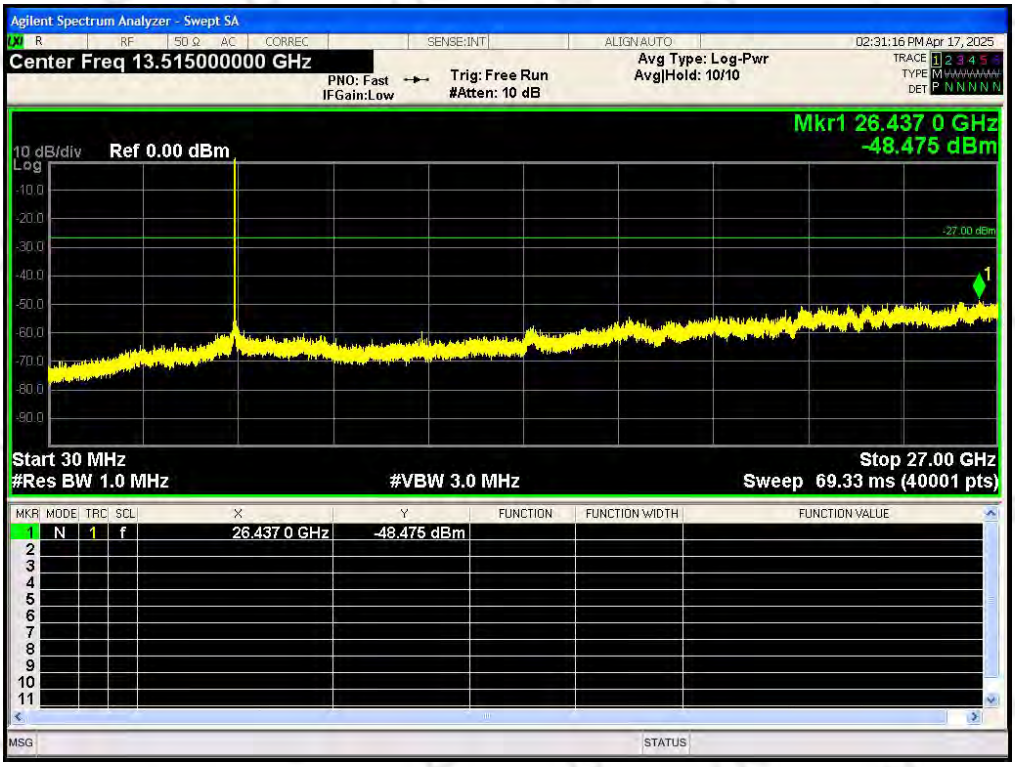
Tx. Spurious NVNT 802.11a 5300MHz Ant0 Emission



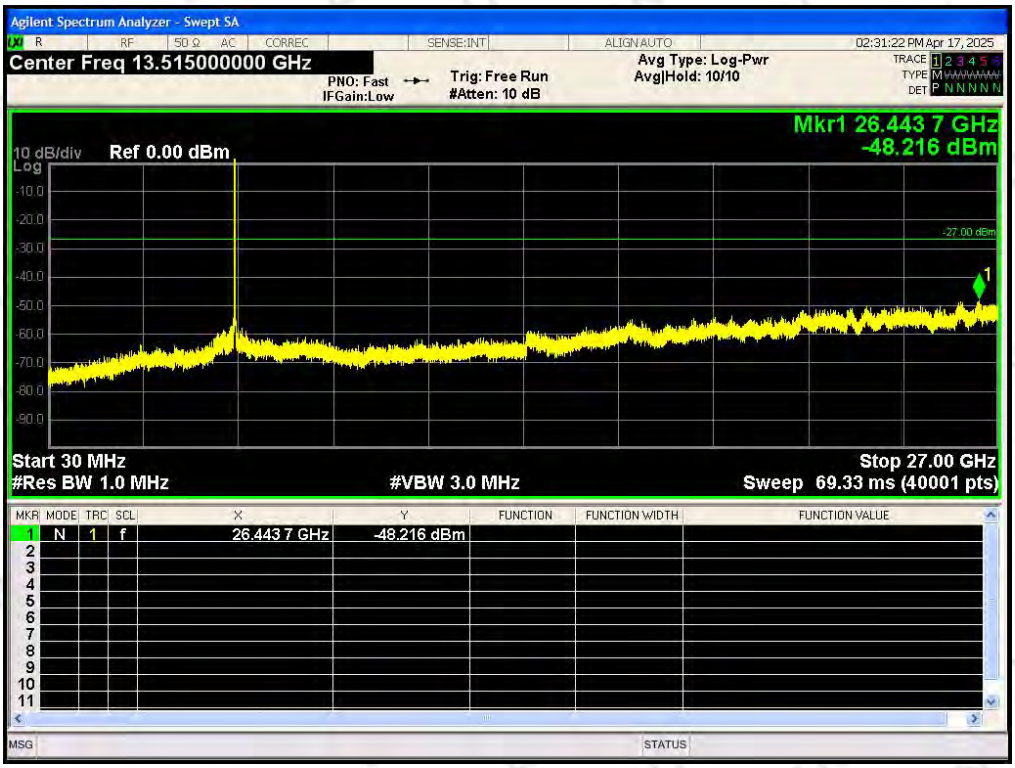
Tx. Spurious NVNT 802.11a 5300MHz Ant1 Emission



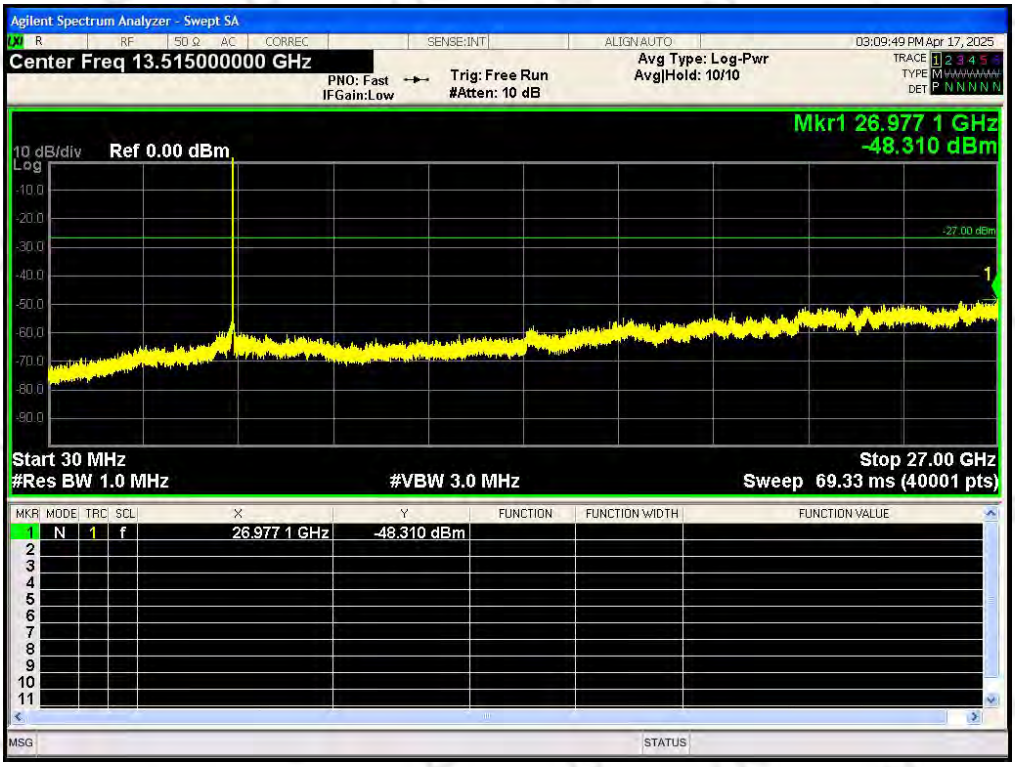
Tx. Spurious NVNT 802.11a 5320MHz Ant0 Emission



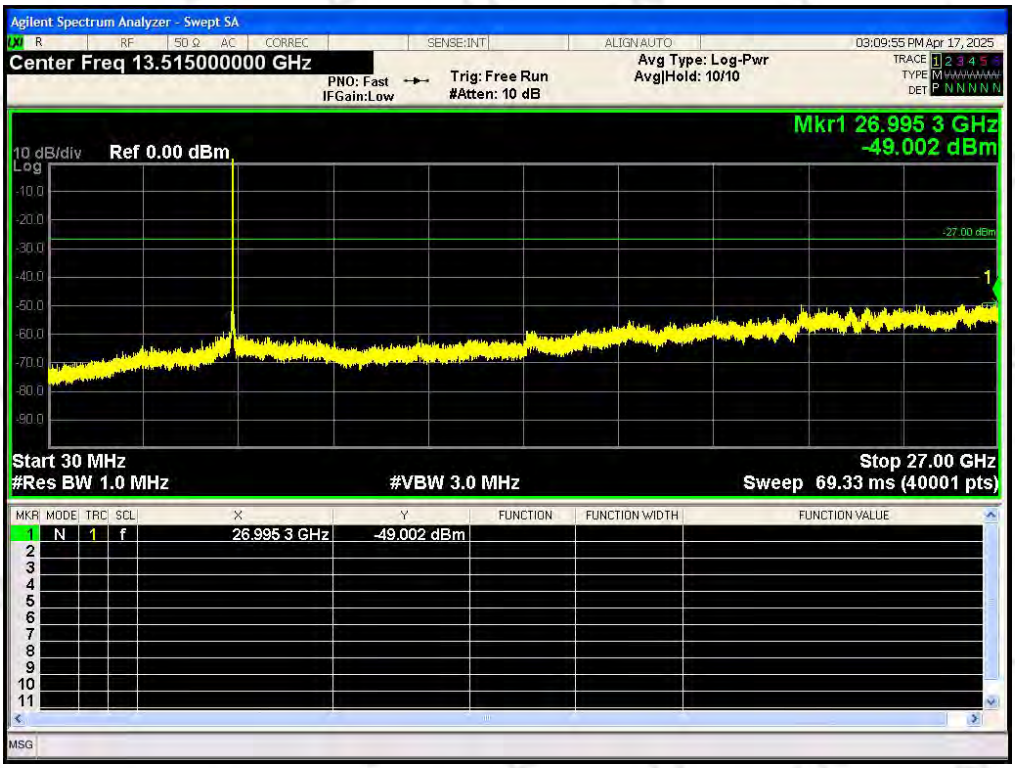
Tx. Spurious NVNT 802.11a 5320MHz Ant1 Emission



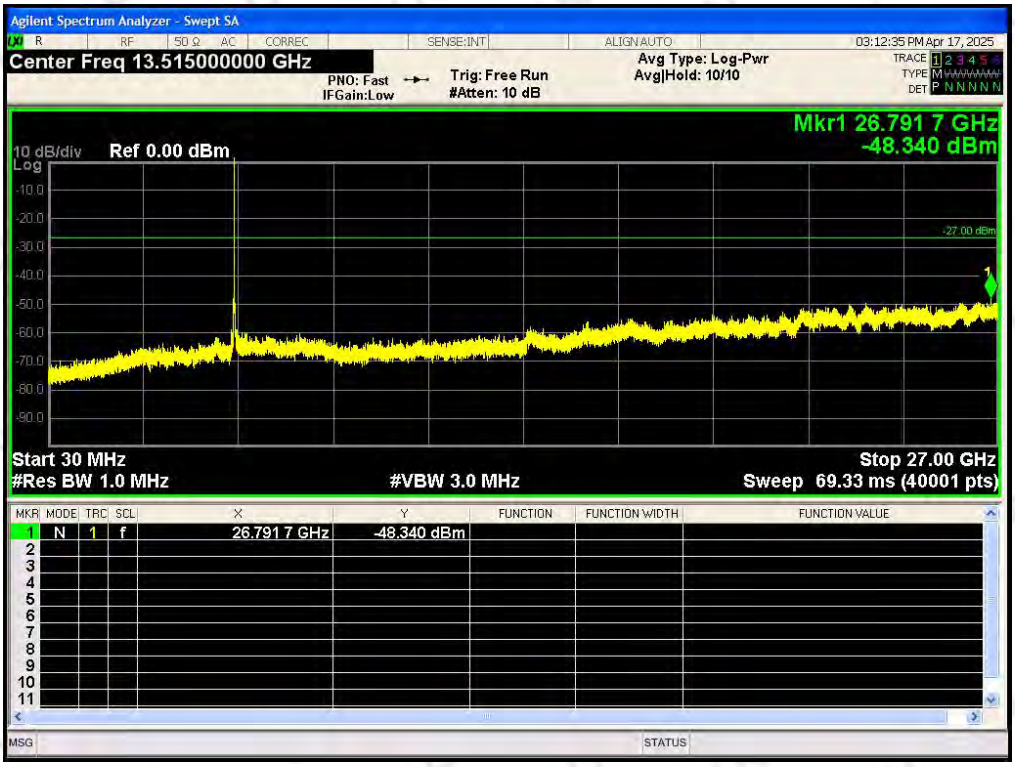
Tx. Spurious NVNT 802.11ac20 5260MHz Ant0 Emission



Tx. Spurious NVNT 802.11ac20 5260MHz Ant1 Emission



Tx. Spurious NVNT 802.11ac20 5300MHz Ant0 Emission



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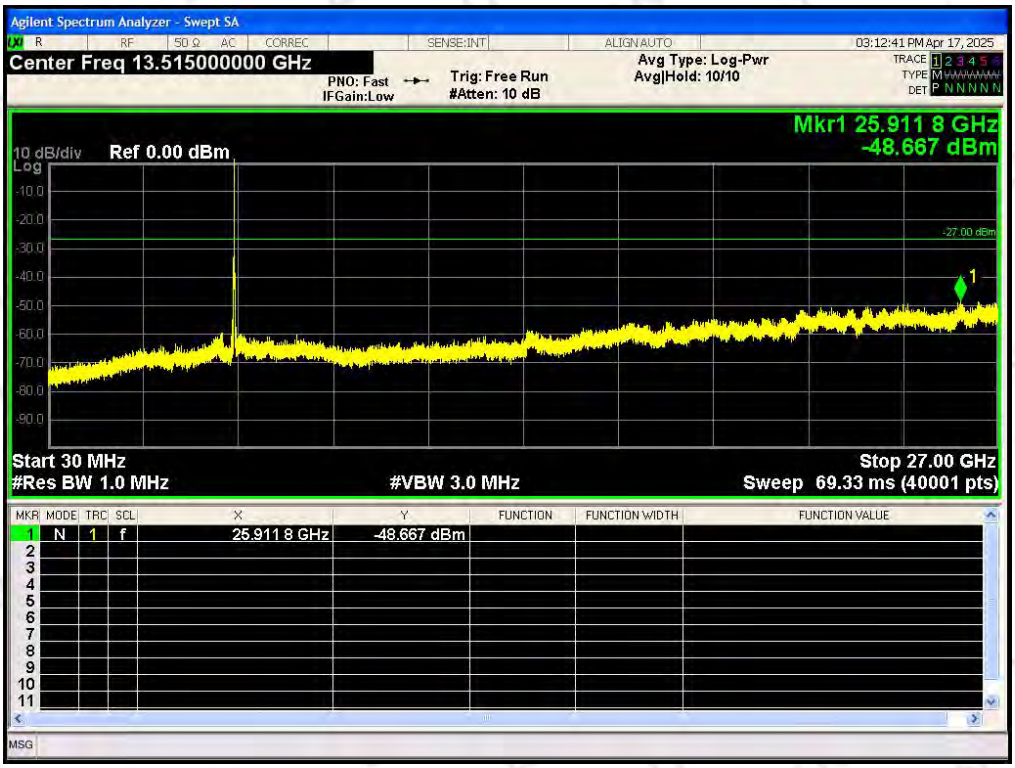

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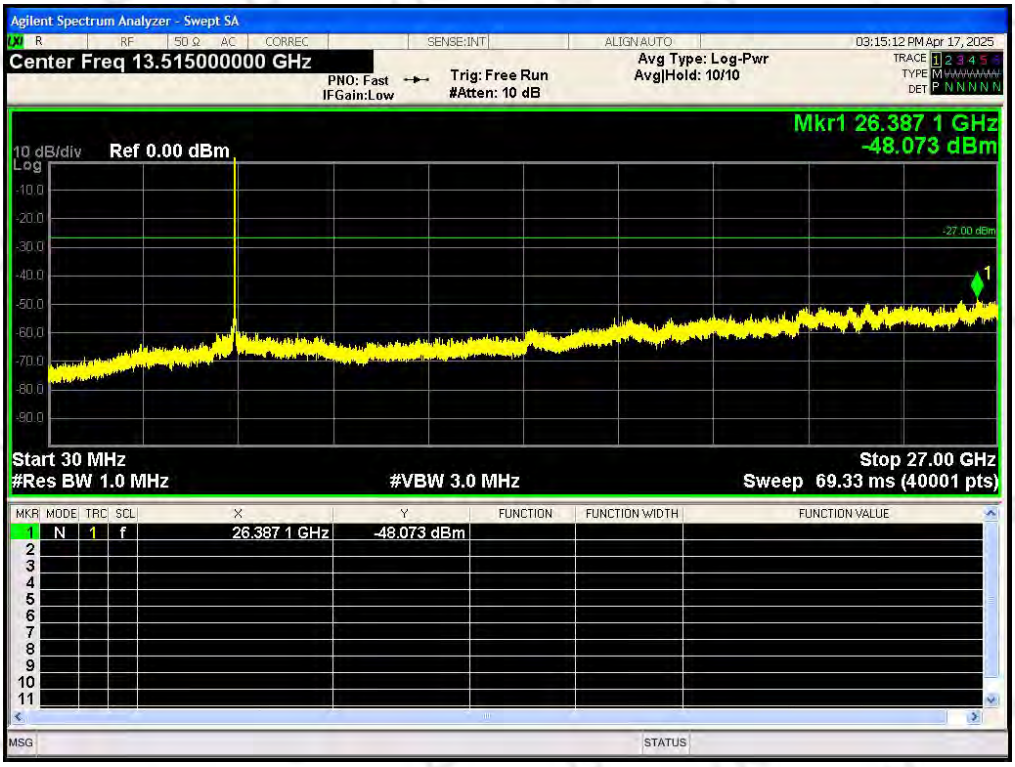

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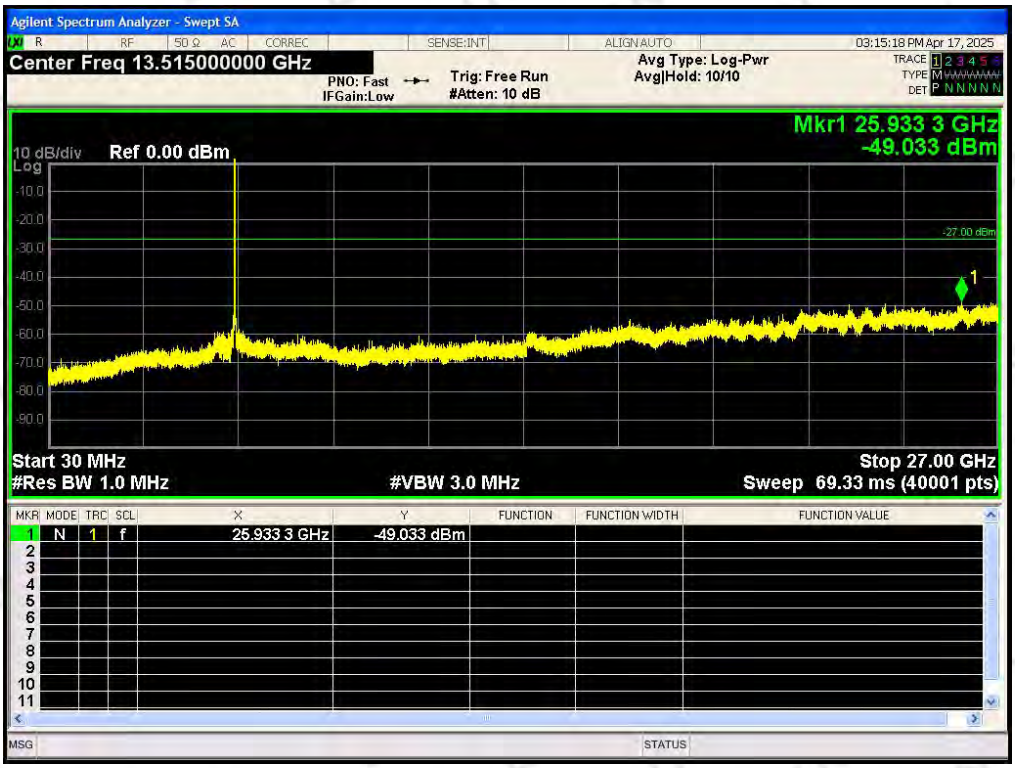

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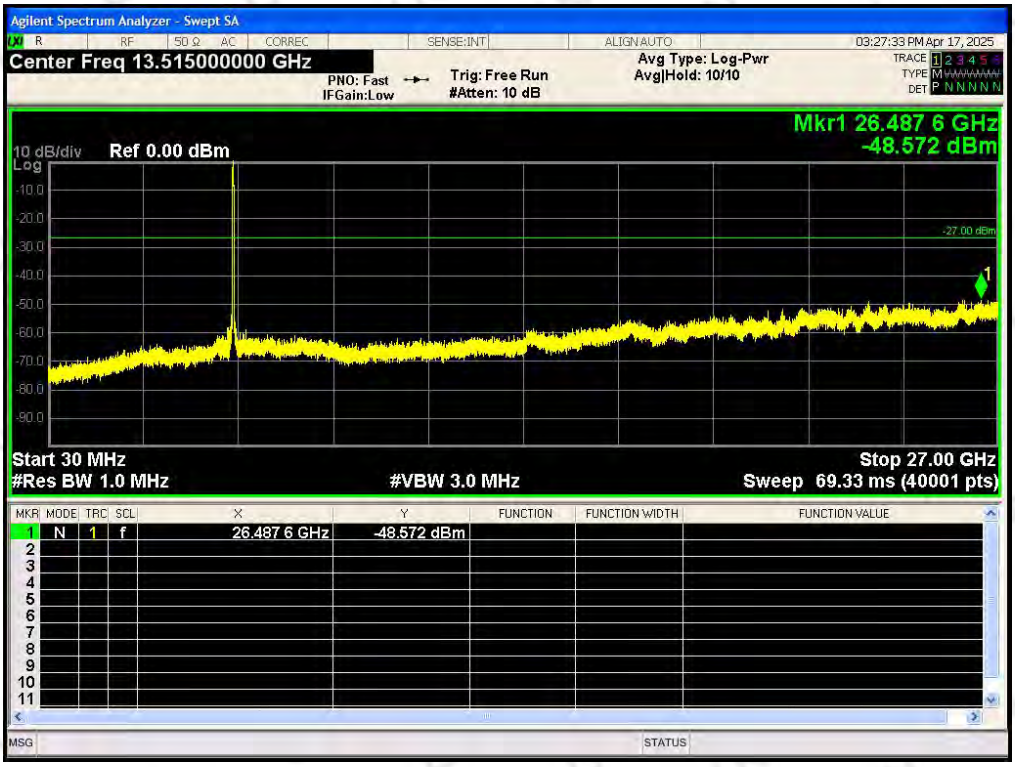

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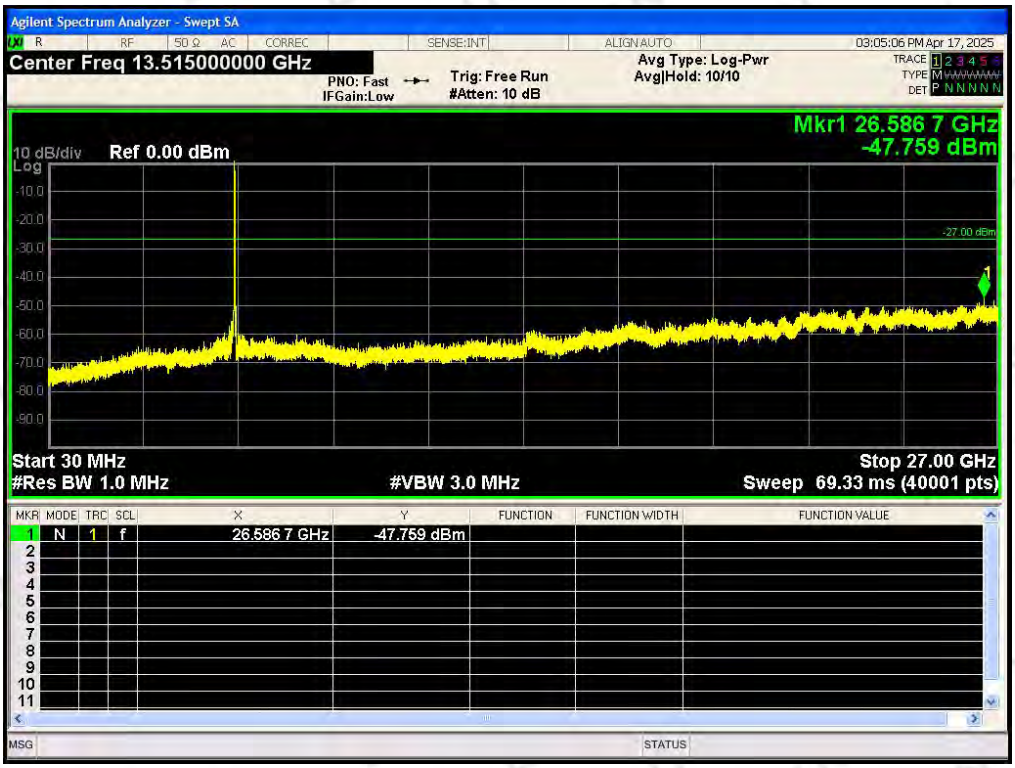

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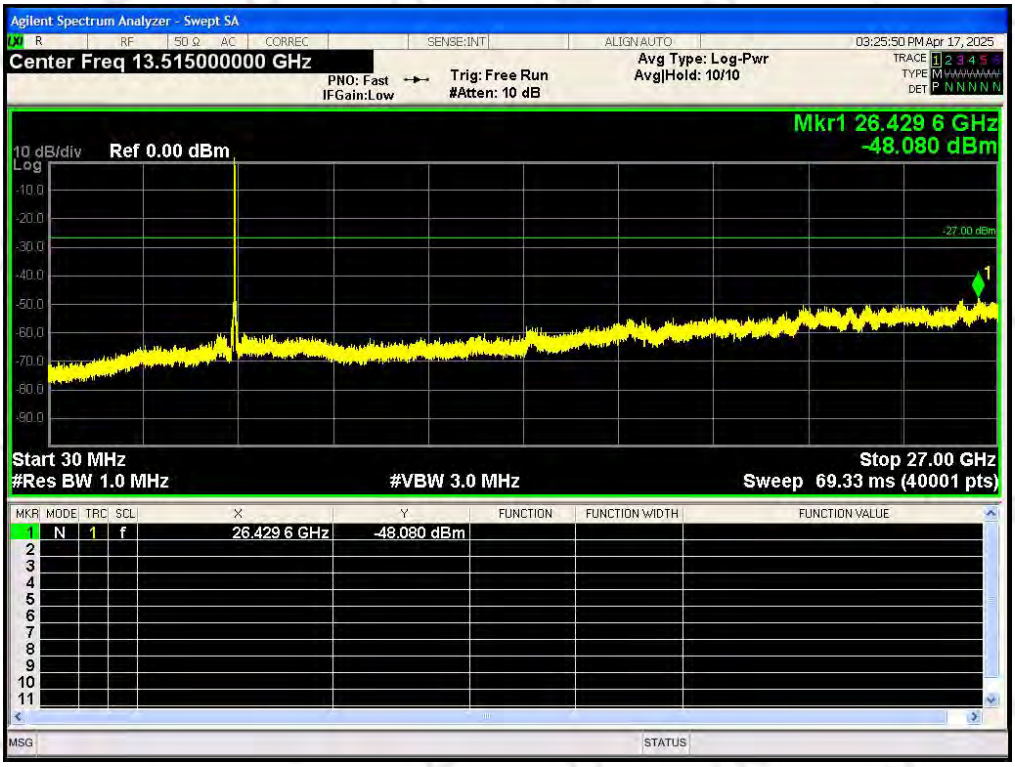

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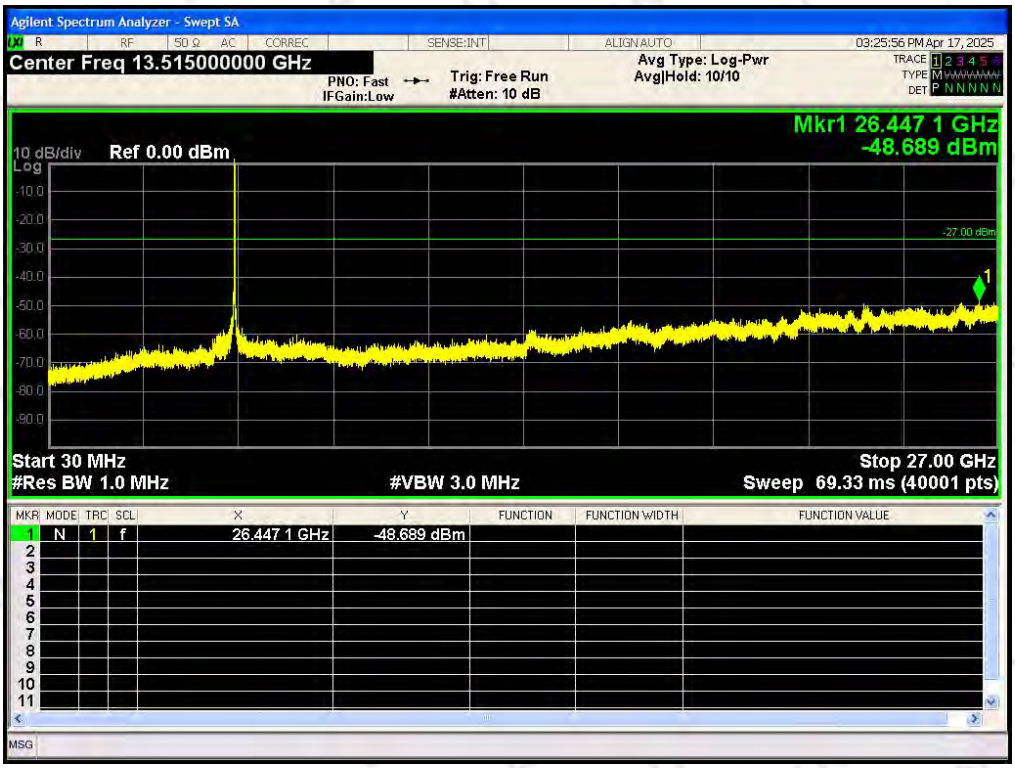

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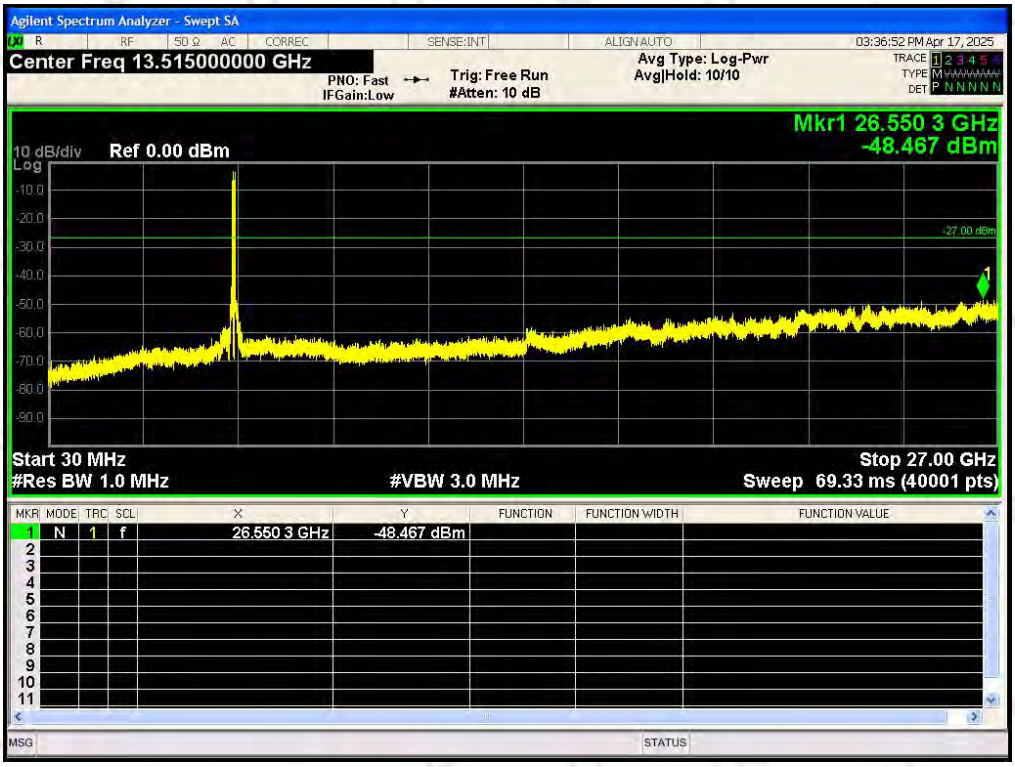
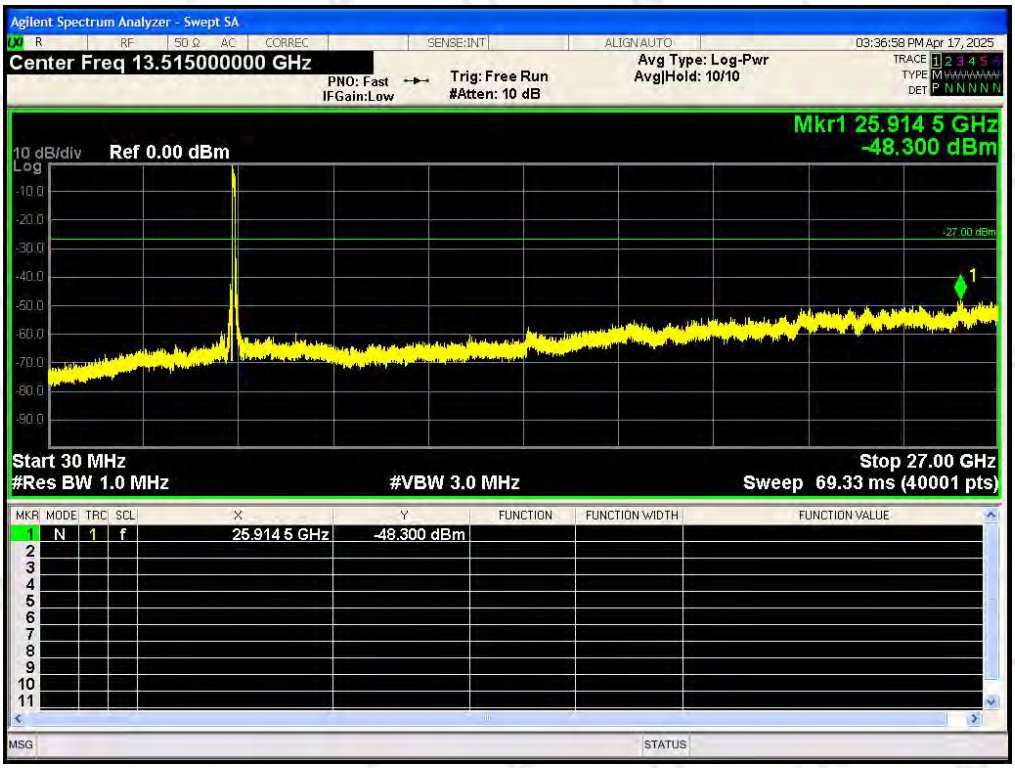


Tx. Spurious NVNT 802.11ac80 5290MHz Ant1 Emission



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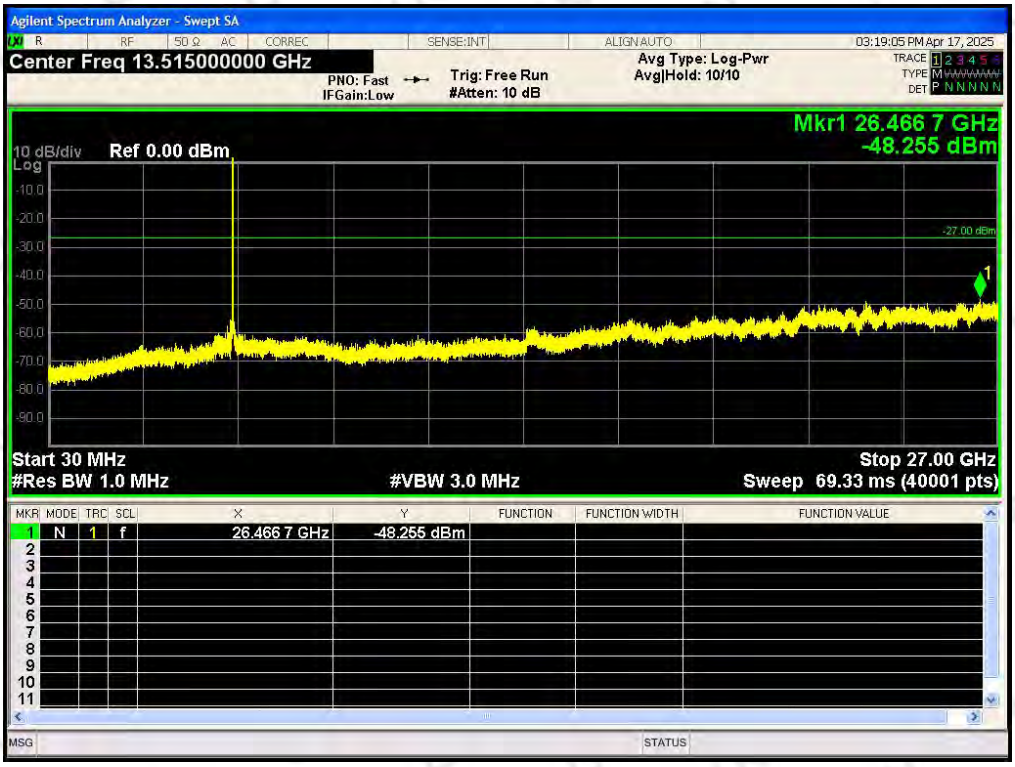

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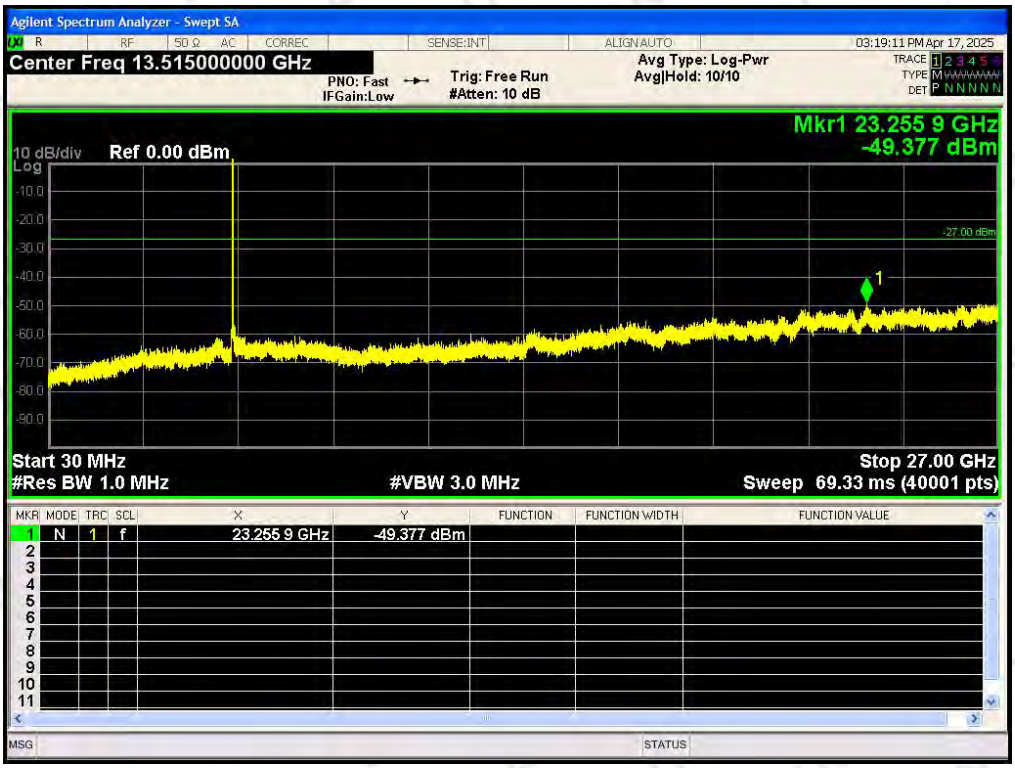

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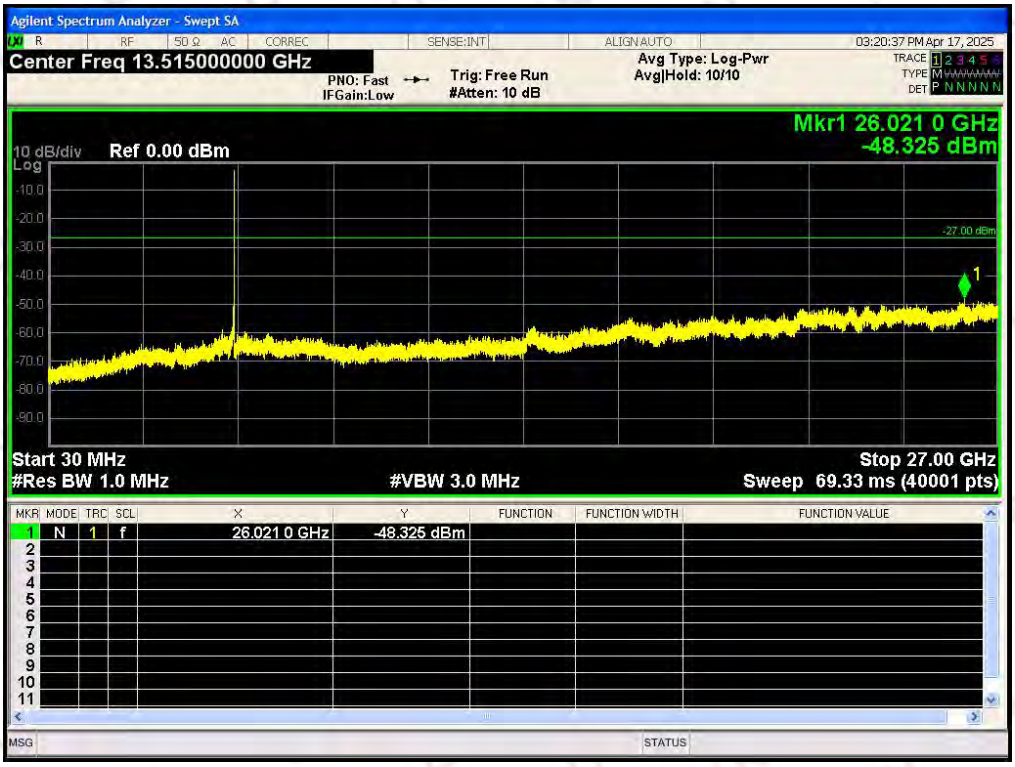

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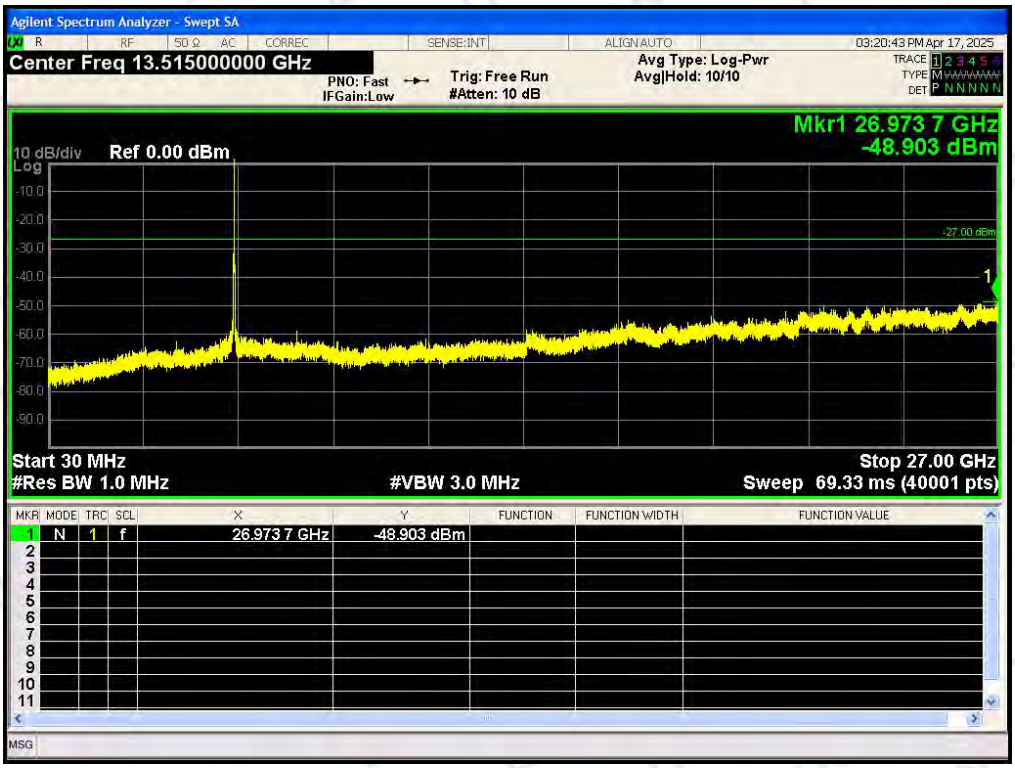

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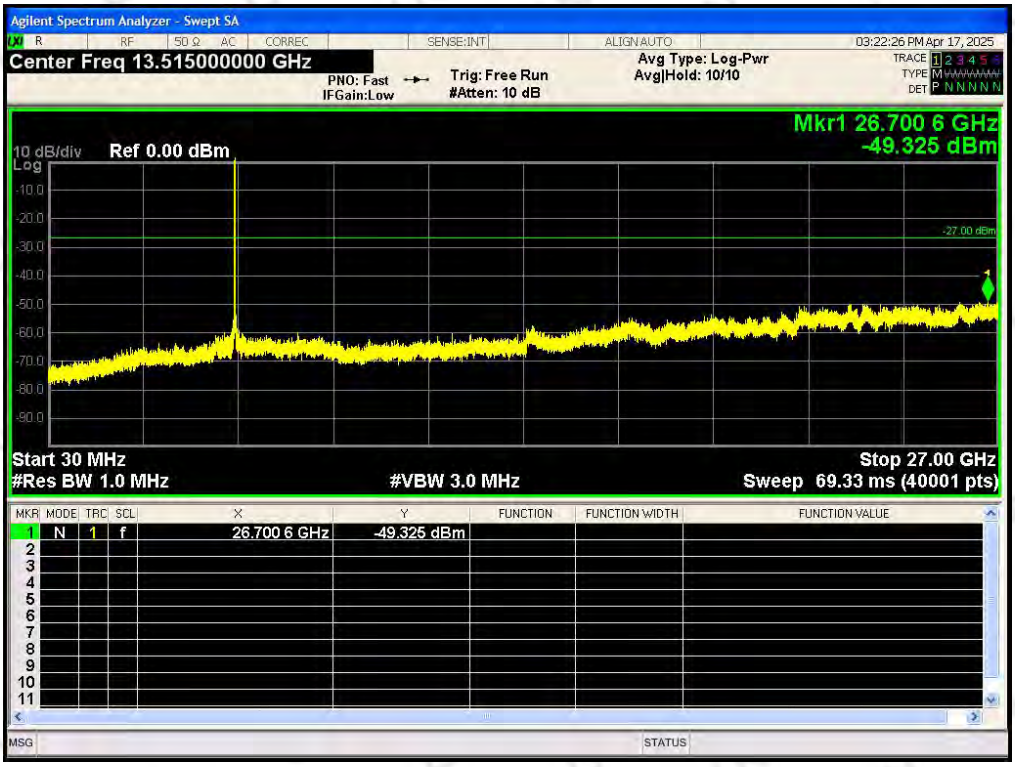

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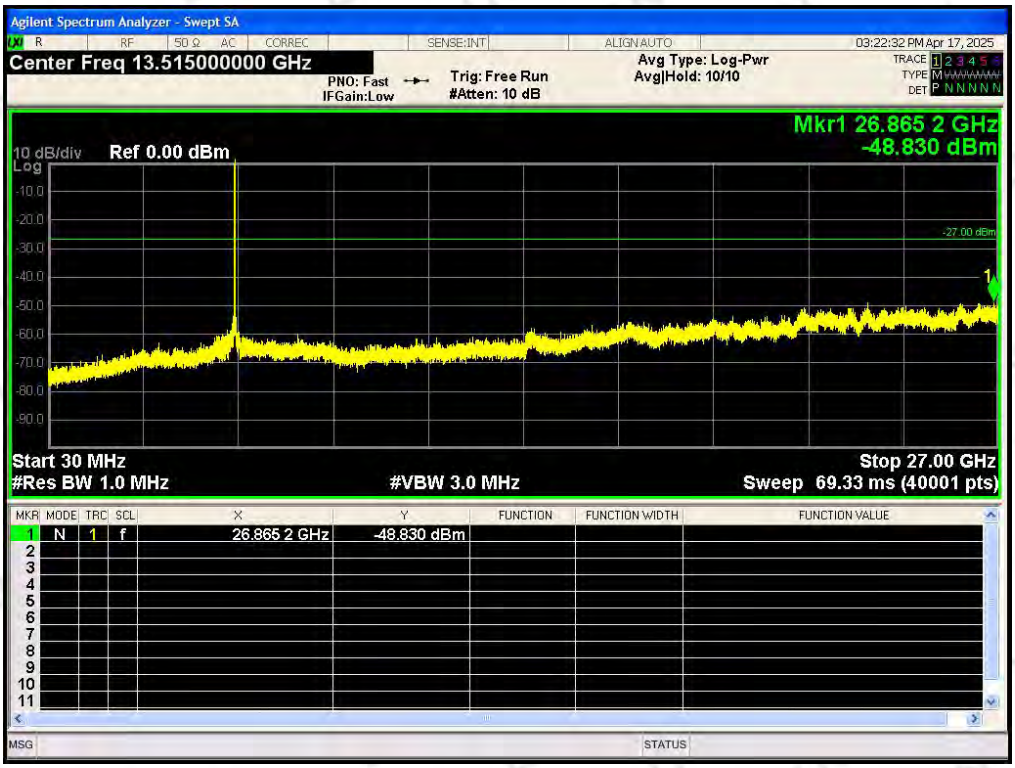
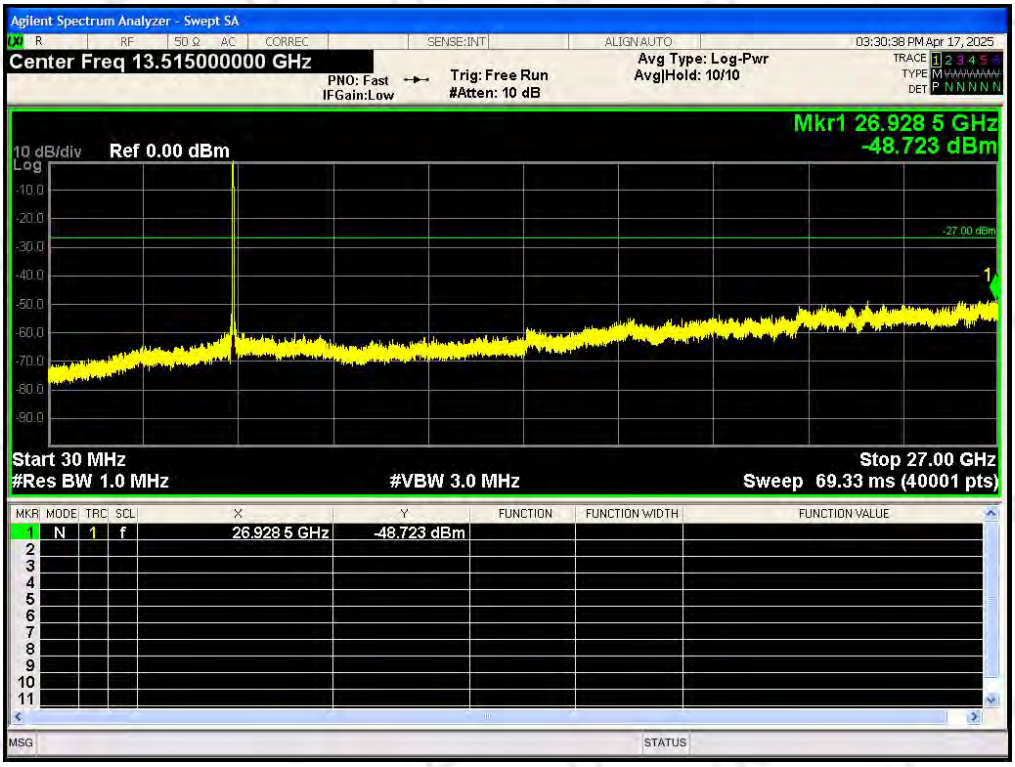


Tx. Spurious NVNT 802.11ac40 5270MHz Ant0 Emission



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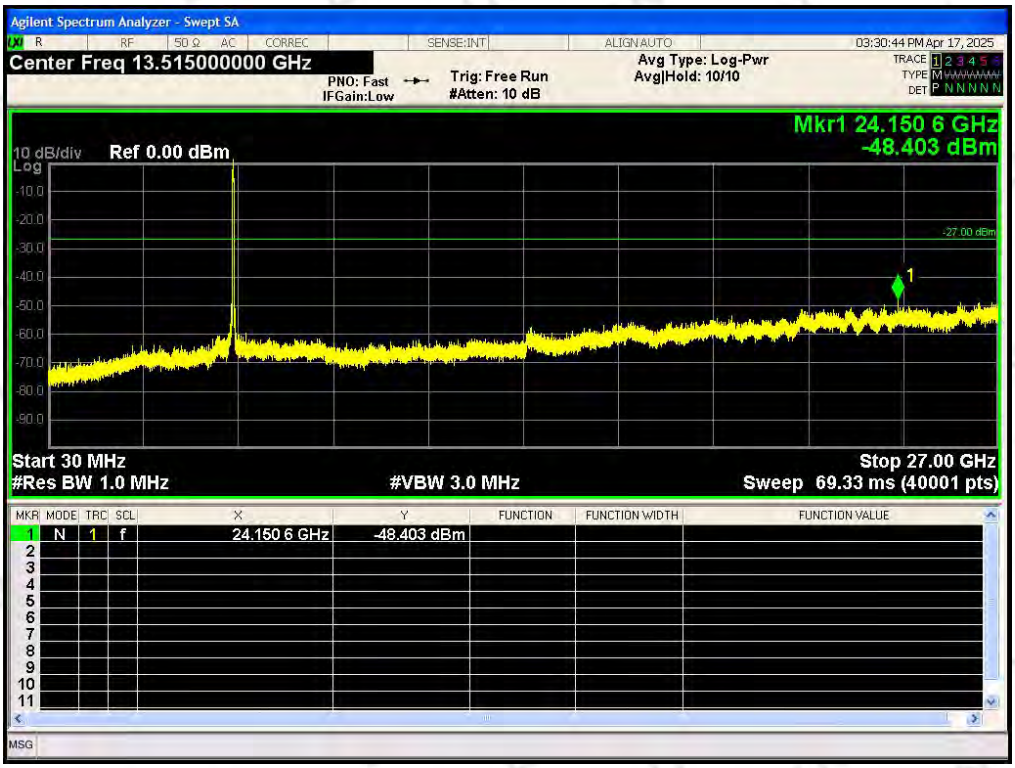

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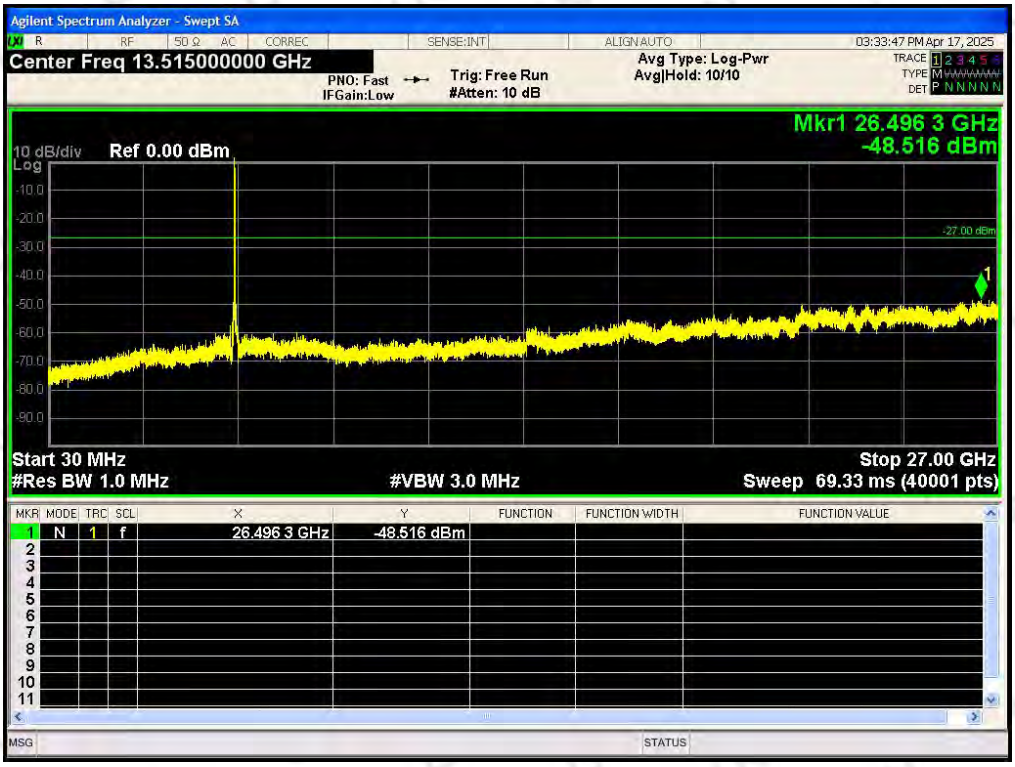

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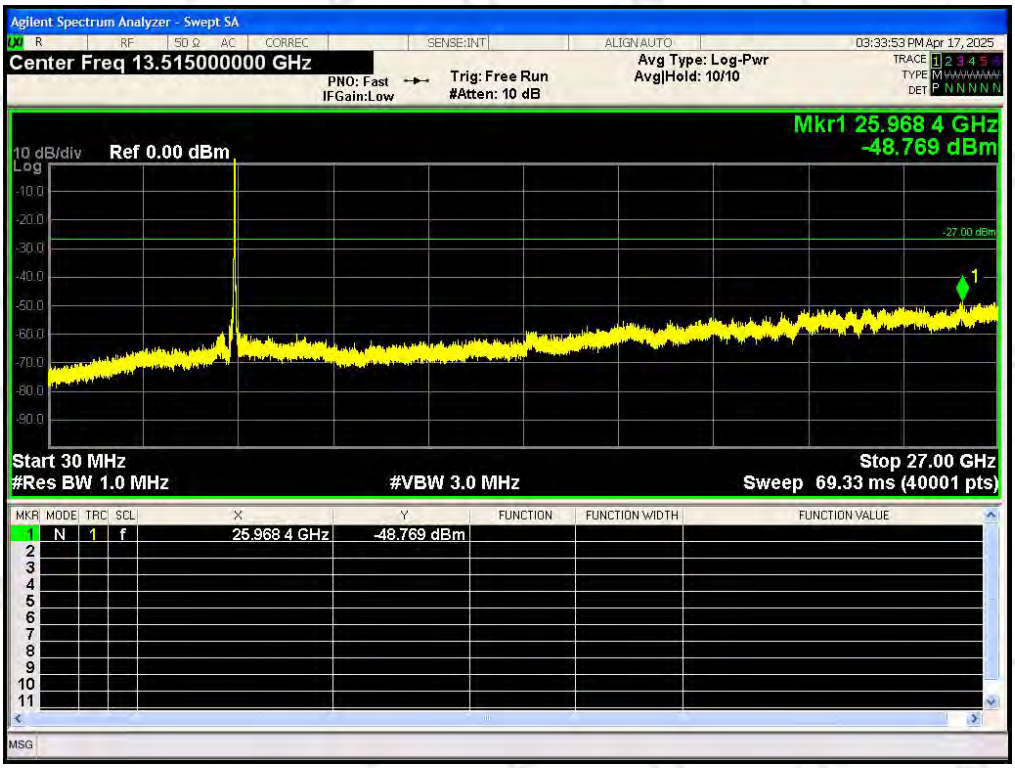

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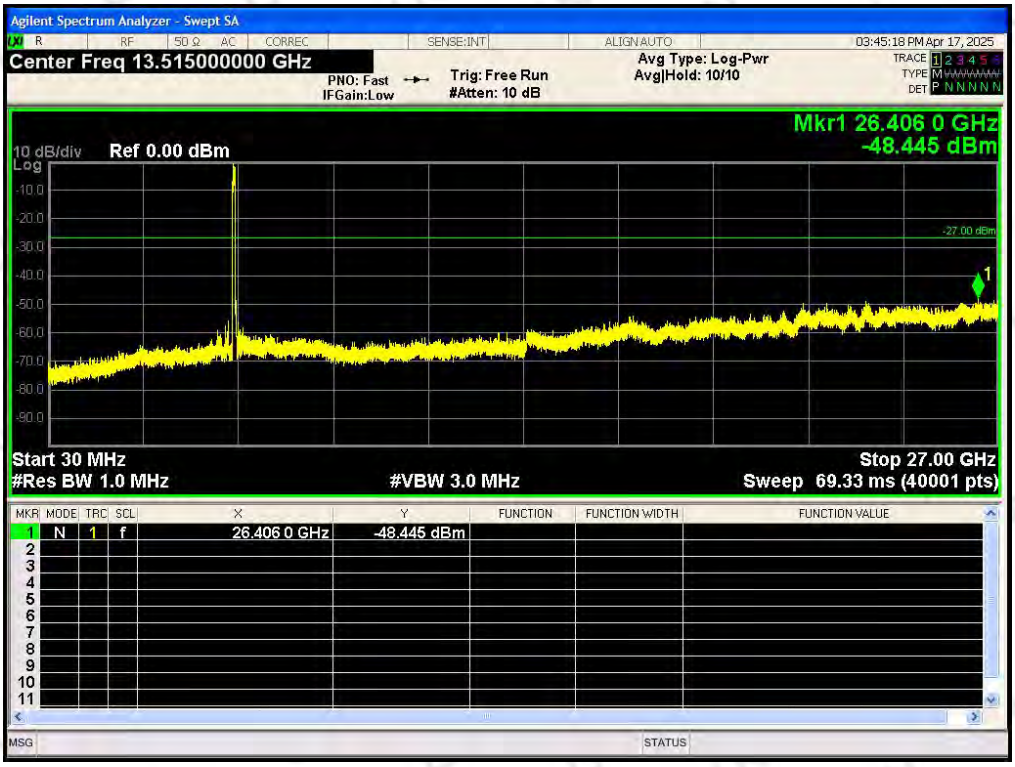

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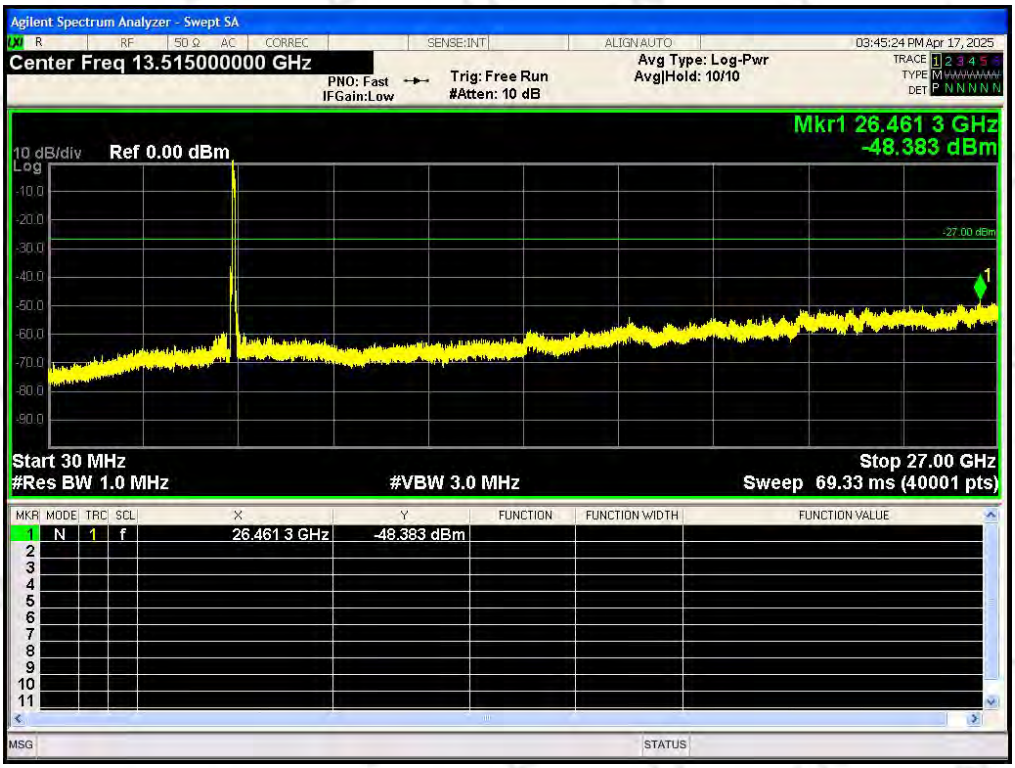
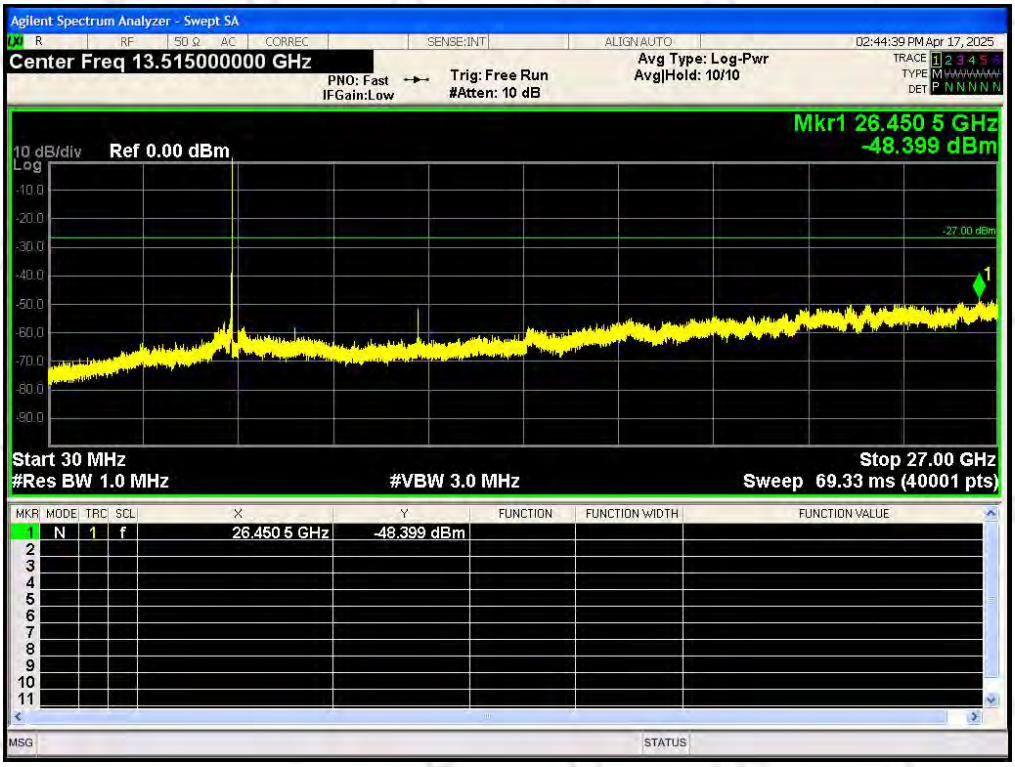


Tx. Spurious NVNT 802.11n(HT20) 5260MHz Ant0 Emission



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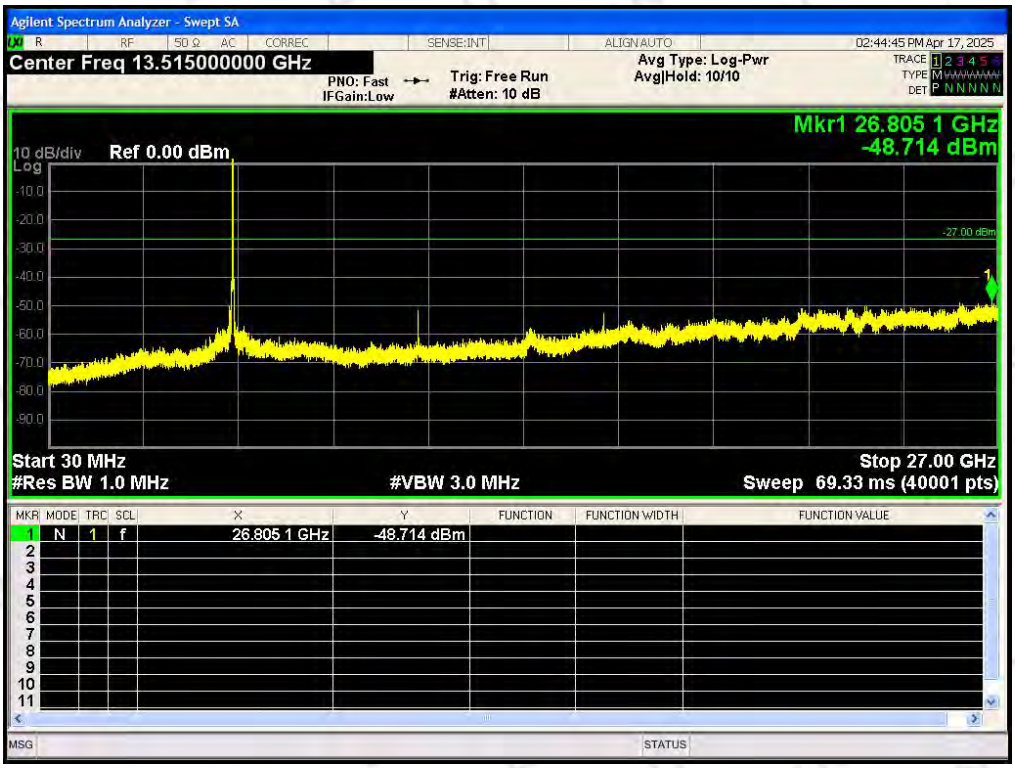

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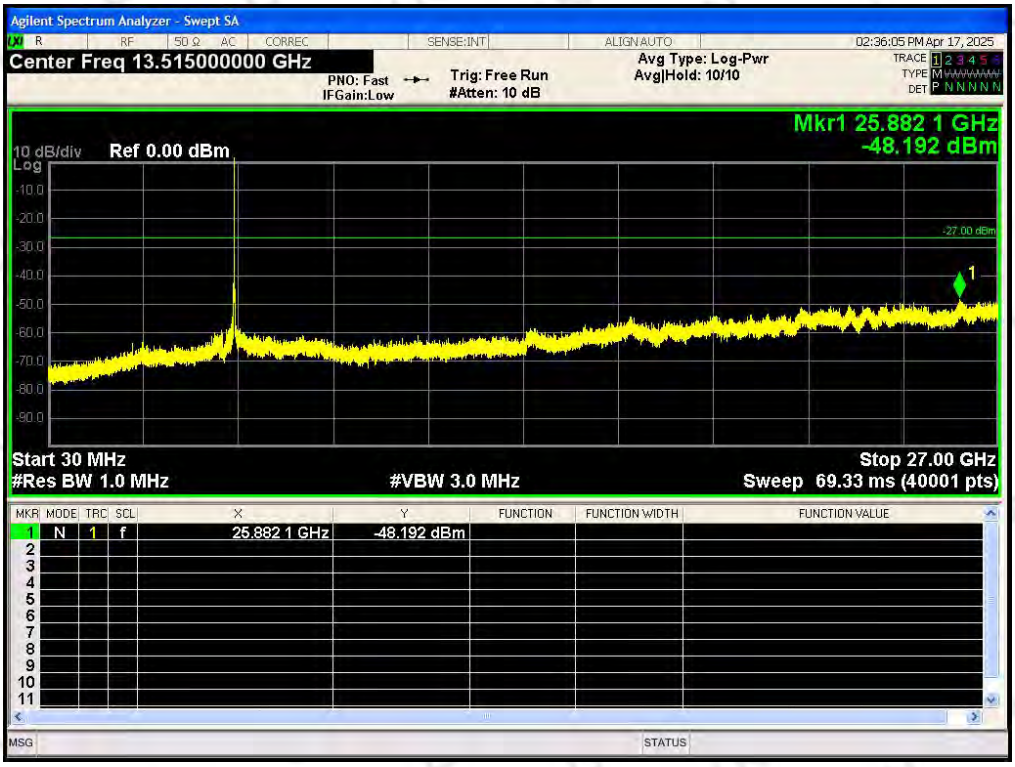

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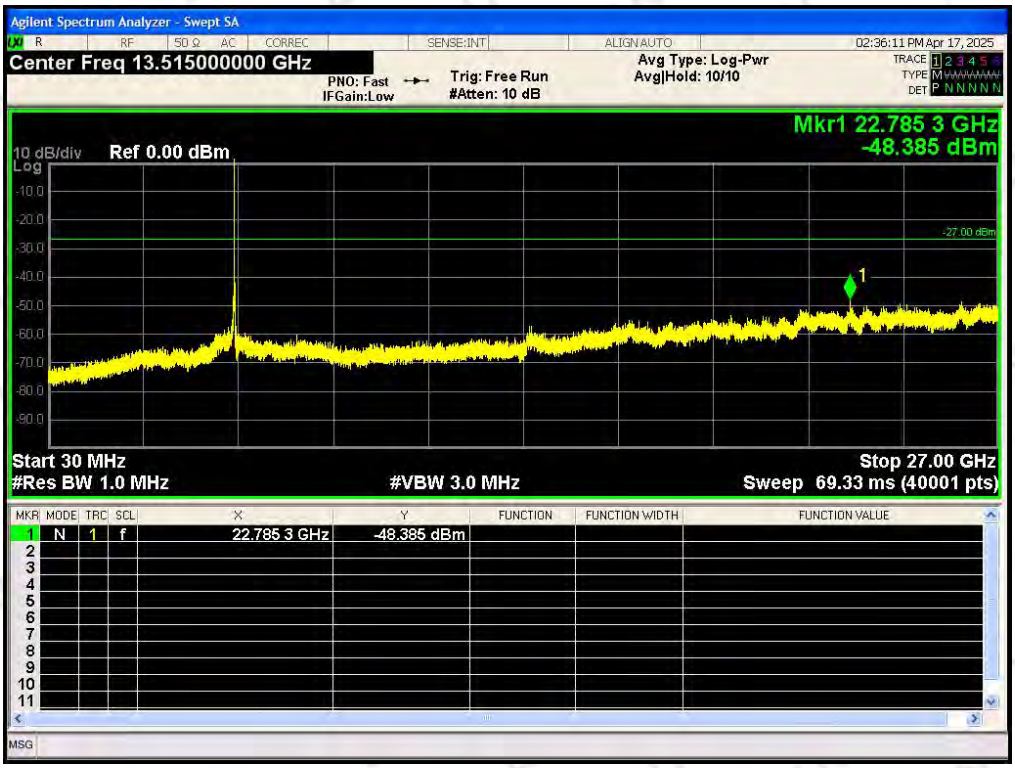

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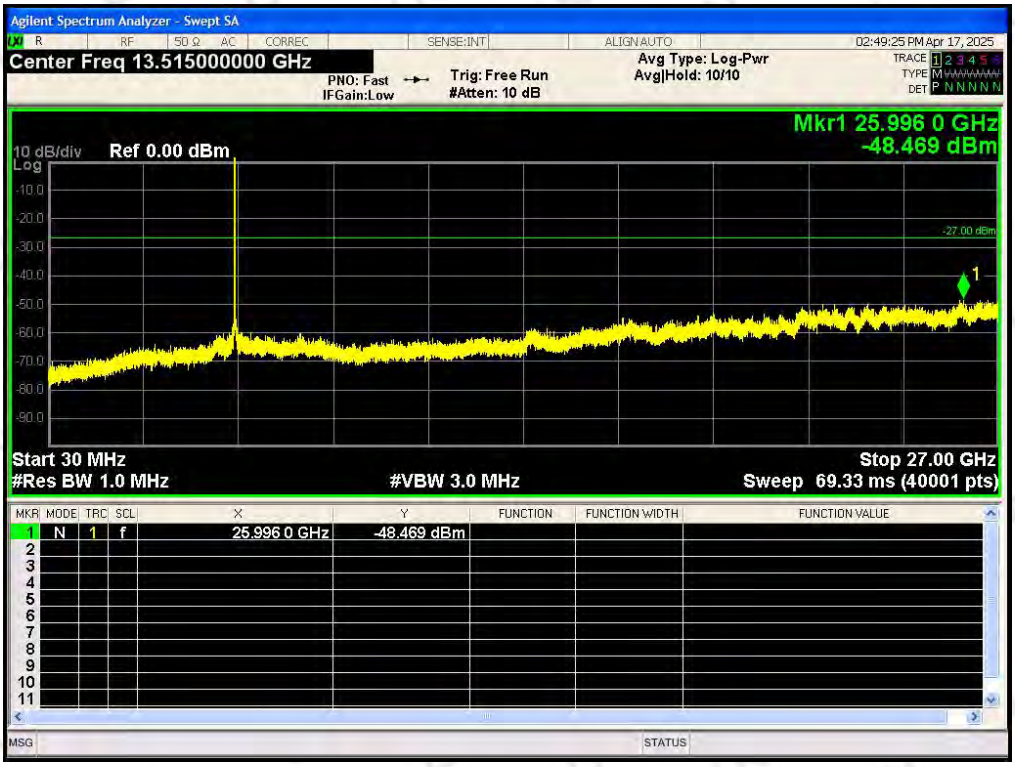

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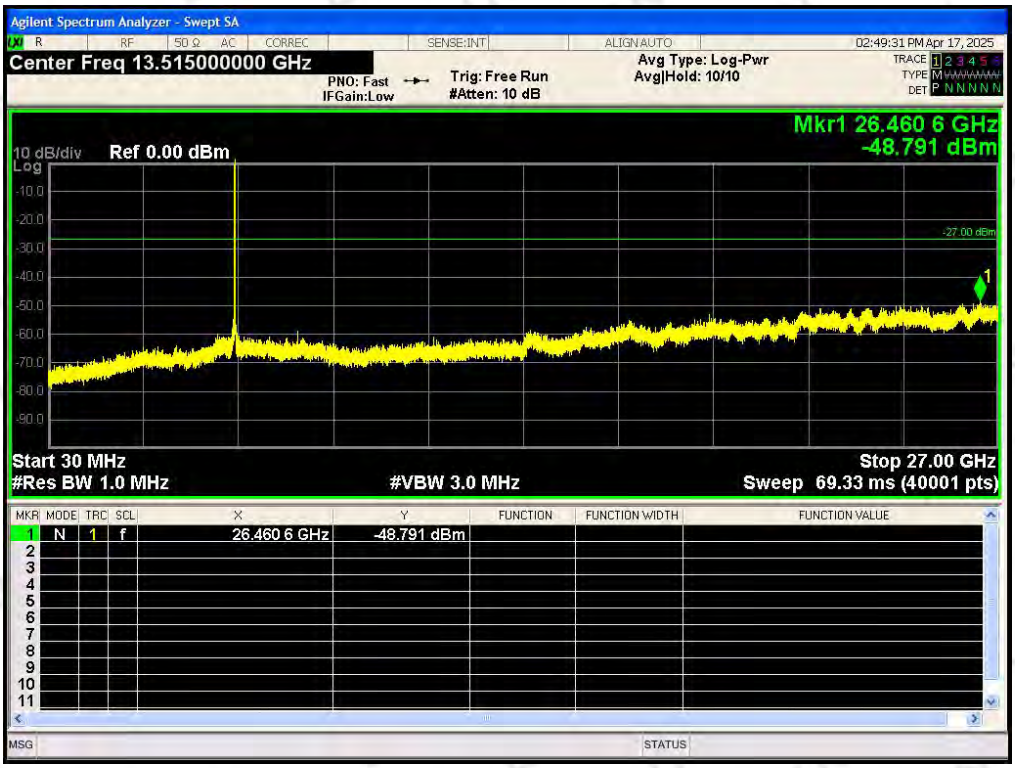

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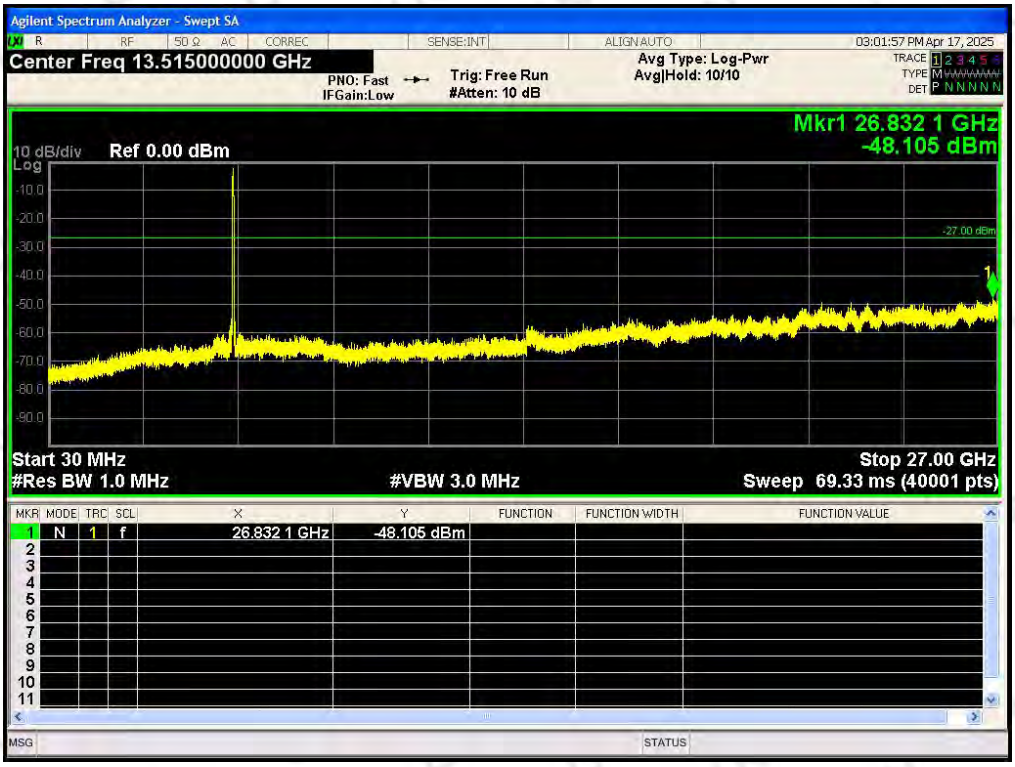

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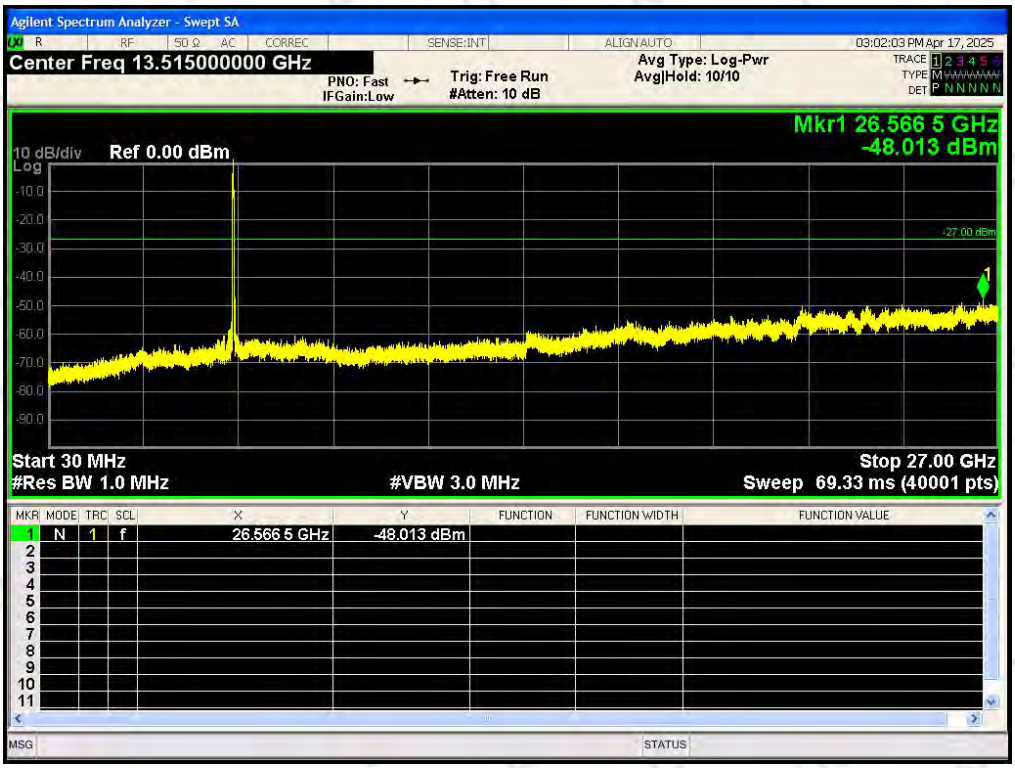

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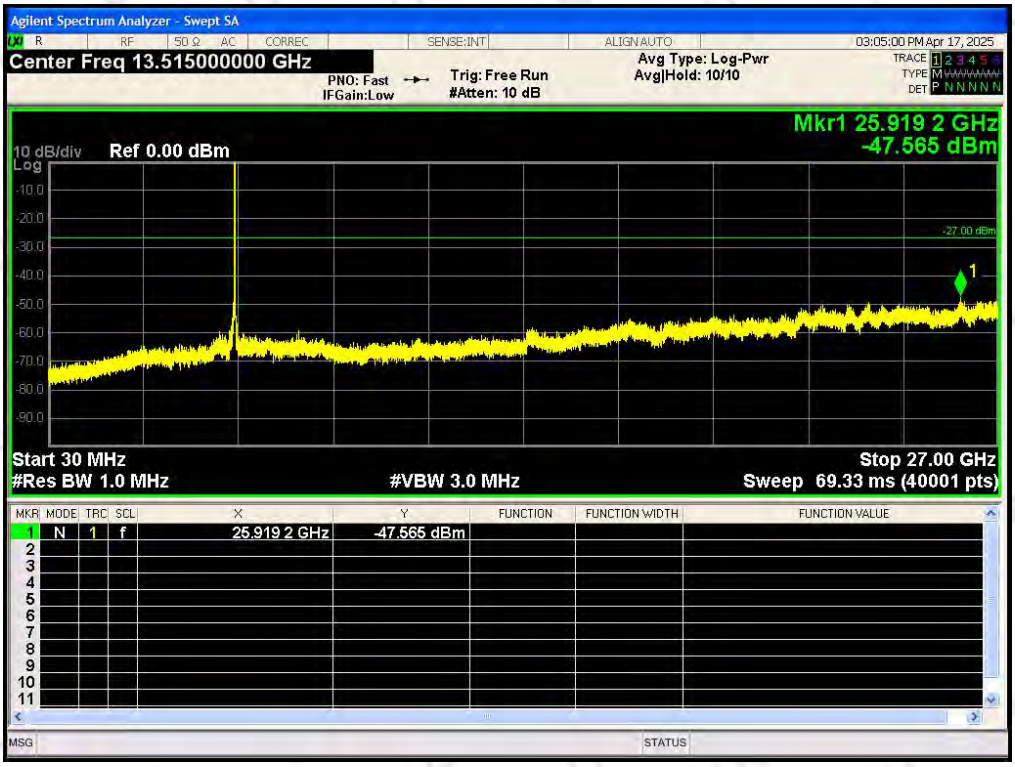
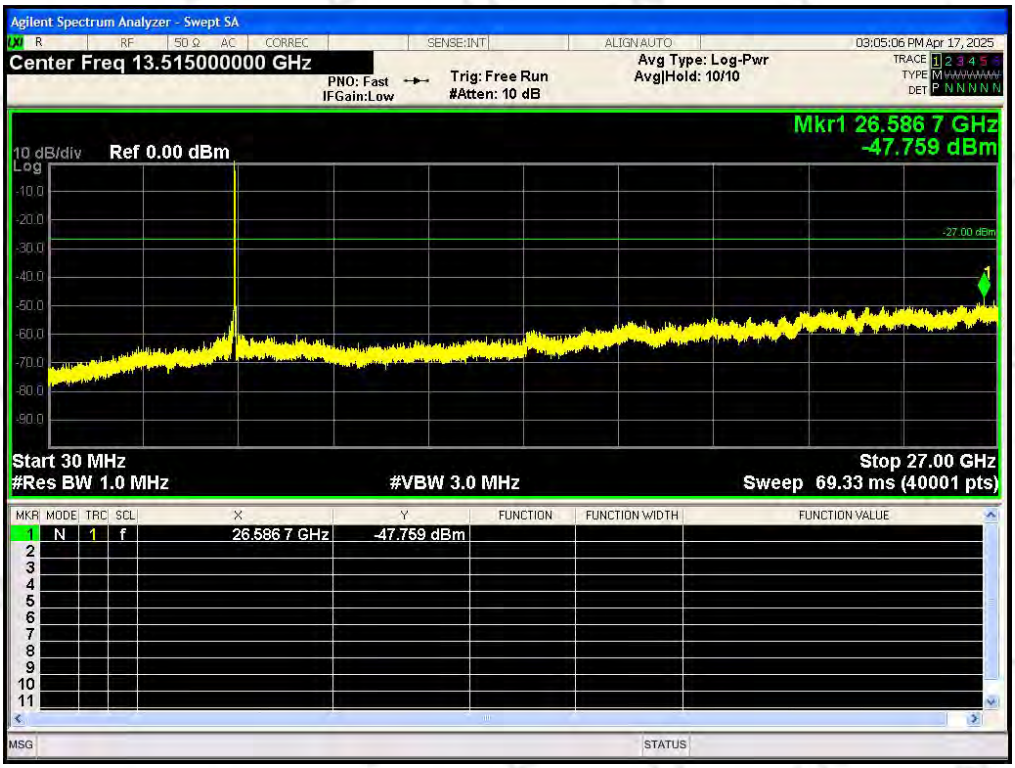
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