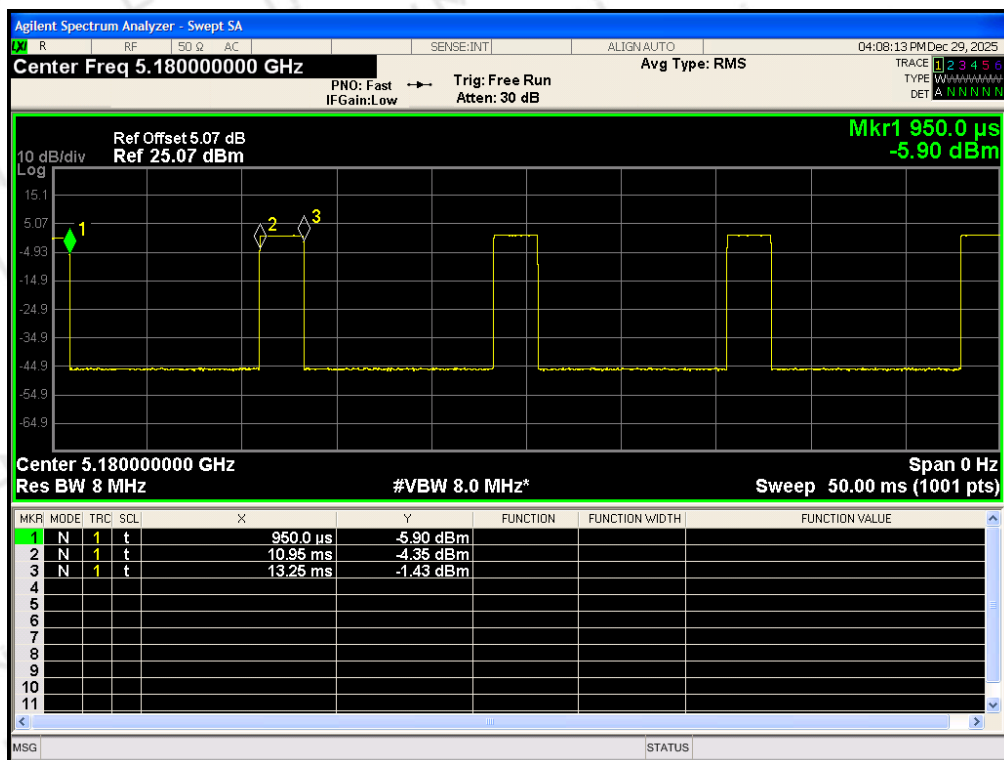


5G WIFI B1 RF test data

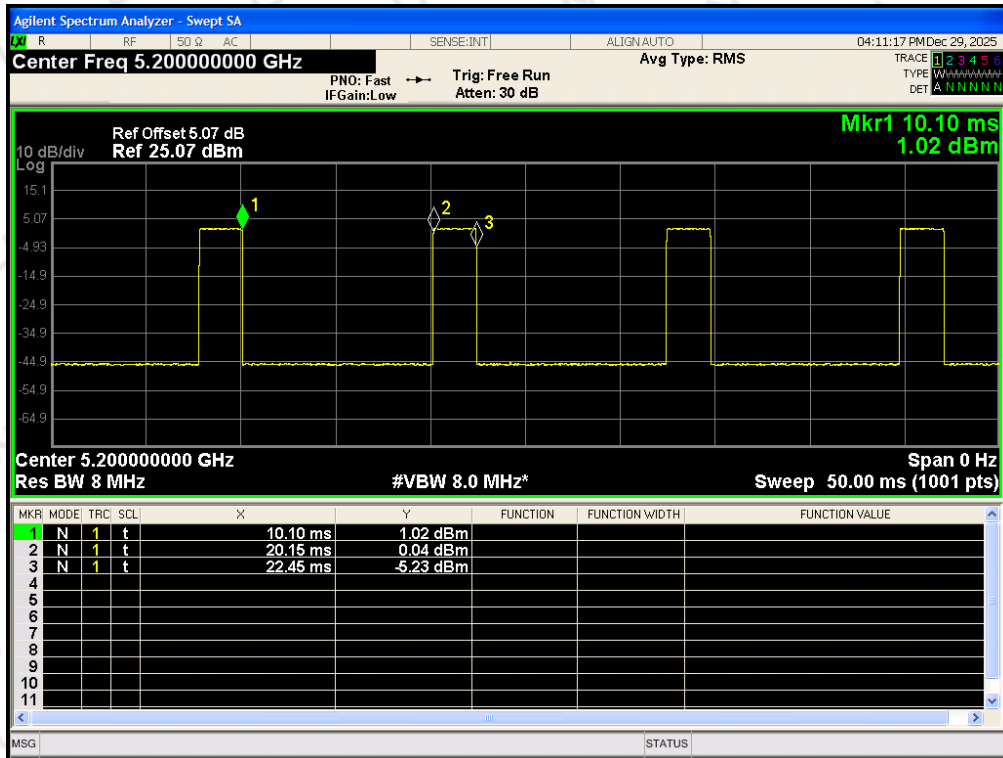
Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11a	5180	18.7	7.28
NVNT	802.11a	5200	18.62	7.3
NVNT	802.11a	5240	18.29	7.38
NVNT	802.11ac20	5180	17.7	7.52
NVNT	802.11ac20	5200	17.62	7.54
NVNT	802.11ac20	5240	17.7	7.52
NVNT	802.11ac40	5190	9.13	10.4
NVNT	802.11ac40	5230	9.5	10.22
NVNT	802.11ax20	5180	14.1	8.51
NVNT	802.11ax20	5200	14.16	8.49
NVNT	802.11ax20	5240	14.16	8.49
NVNT	802.11ax40	5190	7.83	11.06
NVNT	802.11ax40	5230	7.83	11.06
NVNT	802.11n(HT20)	5180	17.62	7.54
NVNT	802.11n(HT20)	5200	17.7	7.52
NVNT	802.11n(HT20)	5240	17.28	7.62
NVNT	802.11n(HT40)	5190	9.46	10.24
NVNT	802.11n(HT40)	5230	9.5	10.22

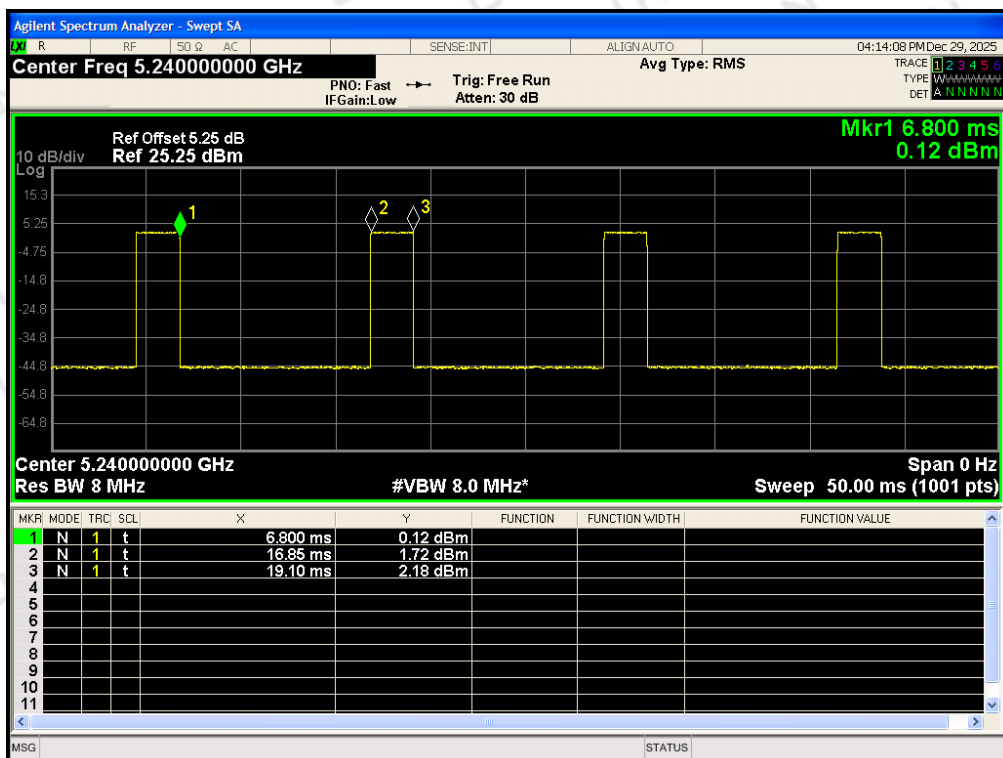
Duty Cycle NVNT 802.11a 5180MHz



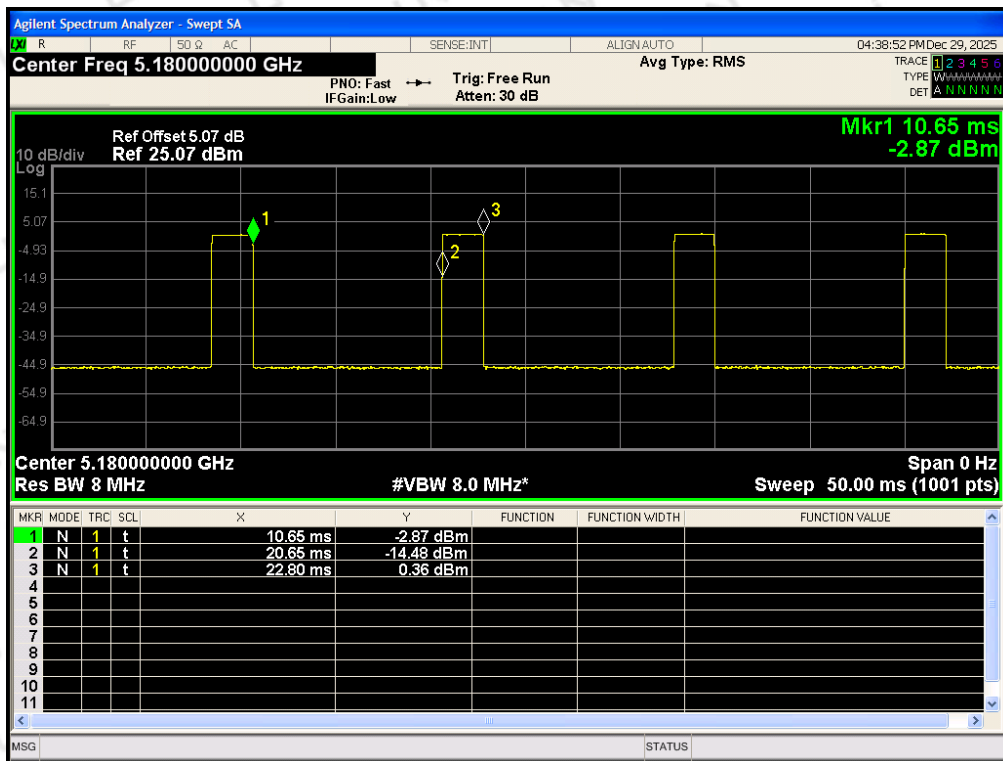
Duty Cycle NVNT 802.11a 5200MHz



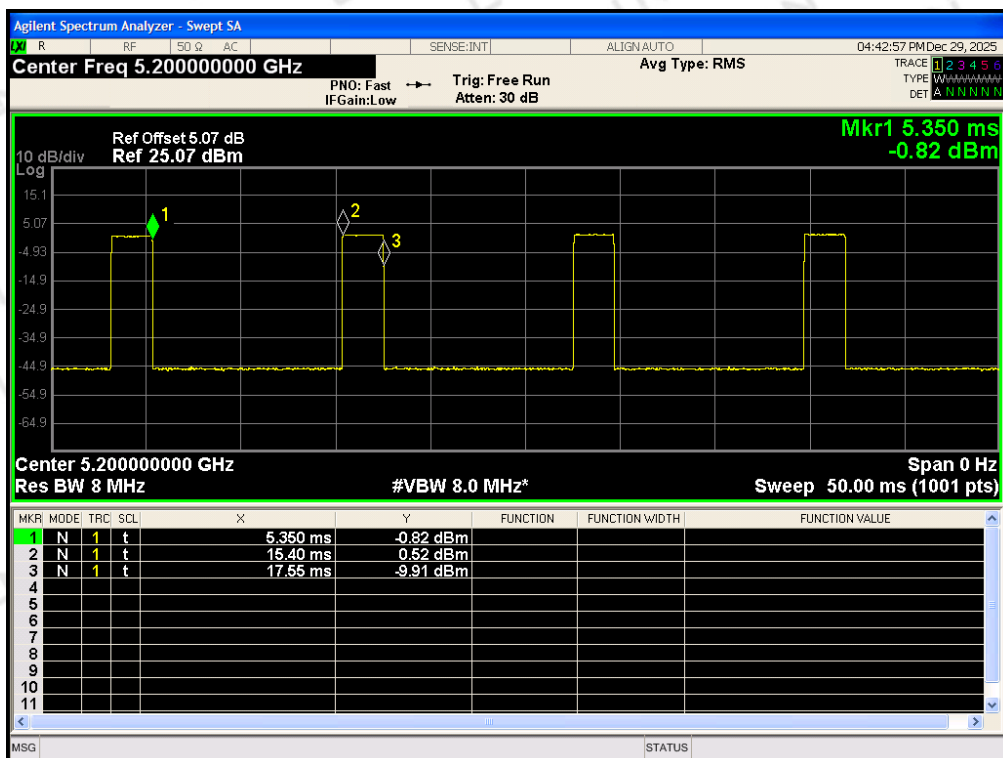
Duty Cycle NVNT 802.11a 5240MHz



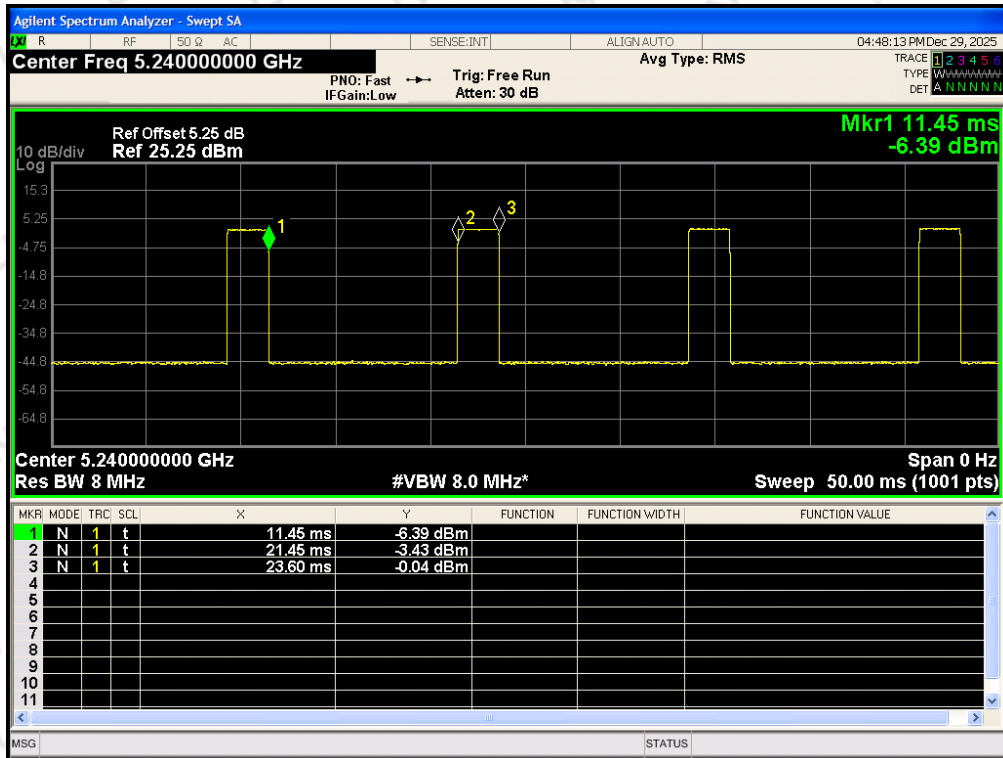
Duty Cycle NVNT 802.11ac20 5180MHz



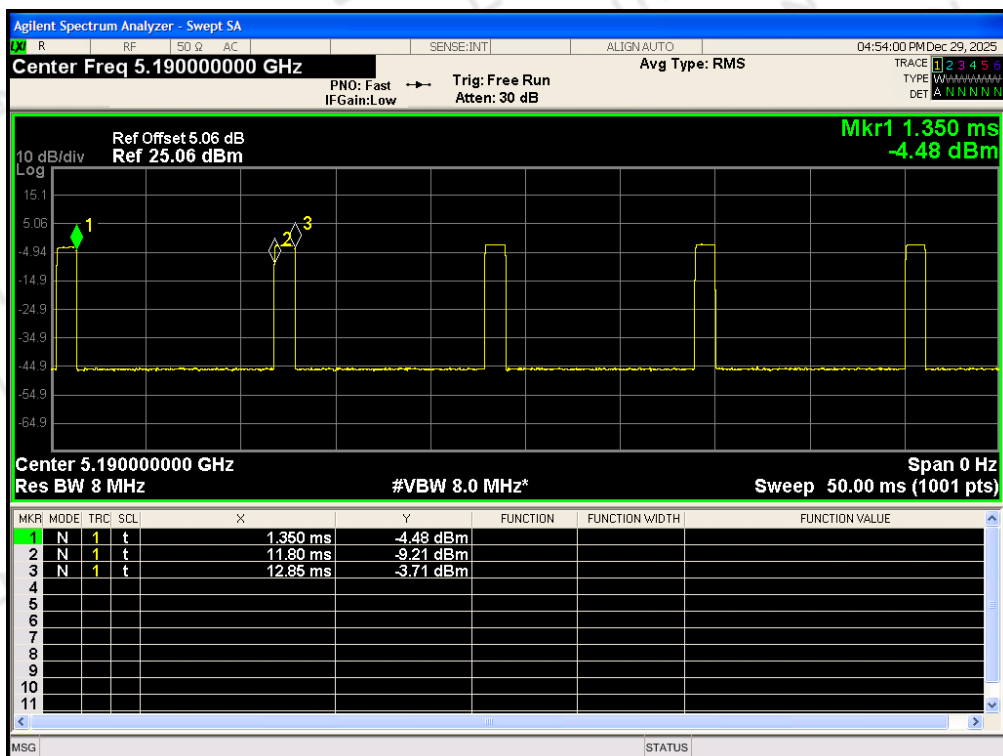
Duty Cycle NVNT 802.11ac20 5200MHz



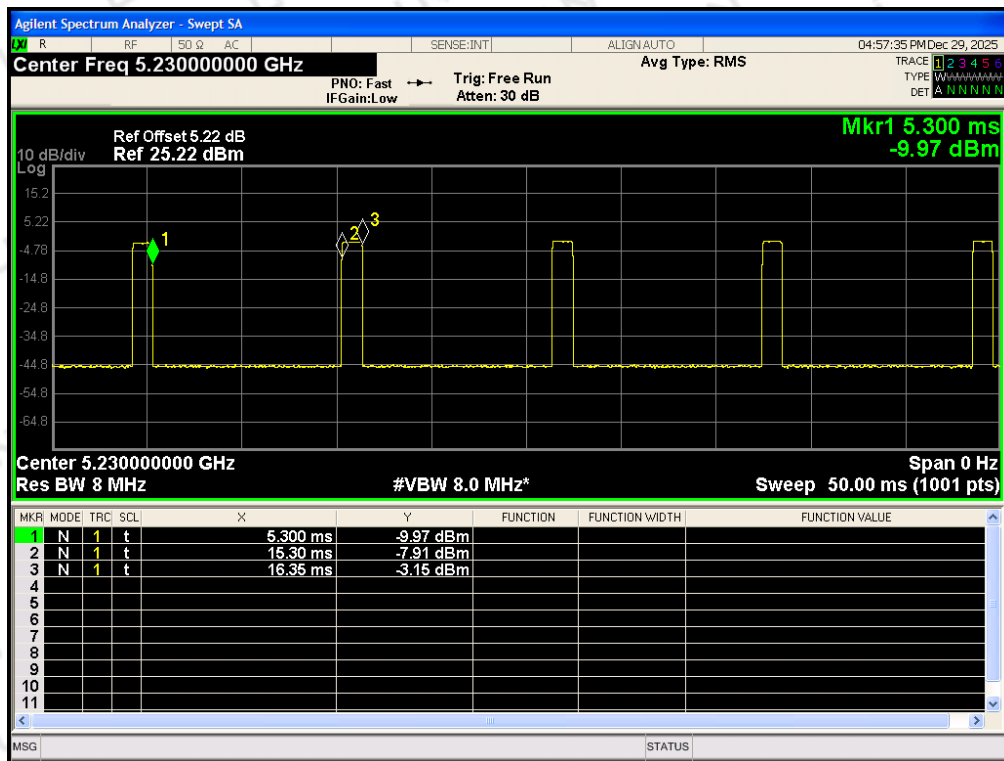
Duty Cycle NVNT 802.11ac20 5240MHz



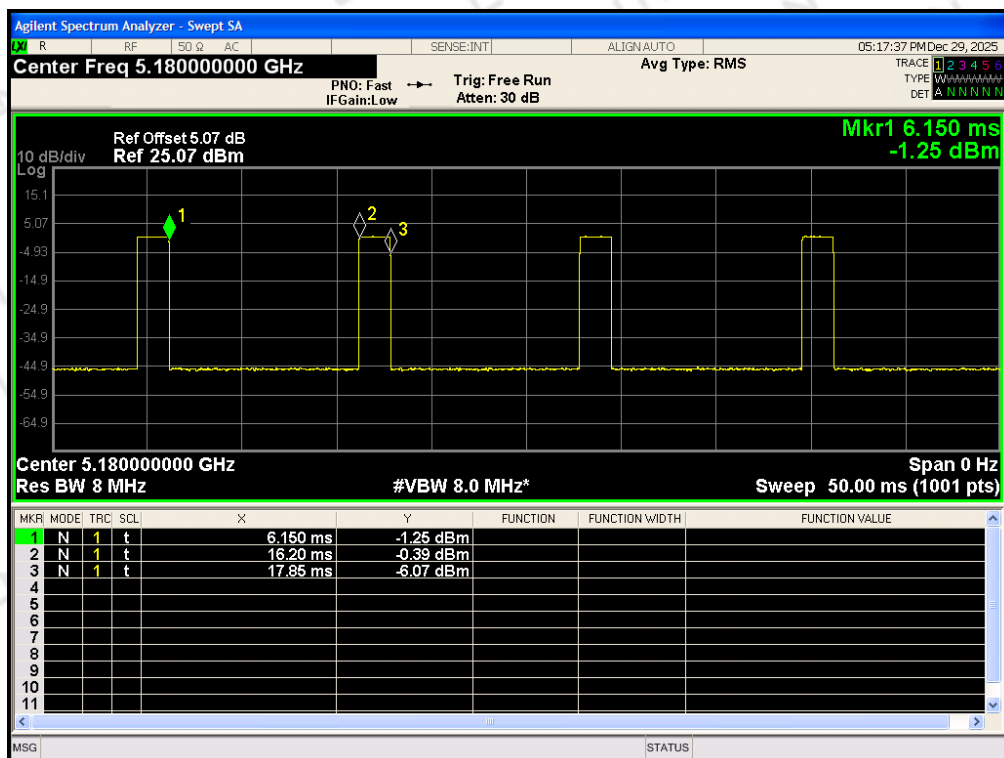
Duty Cycle NVNT 802.11ac40 5190MHz



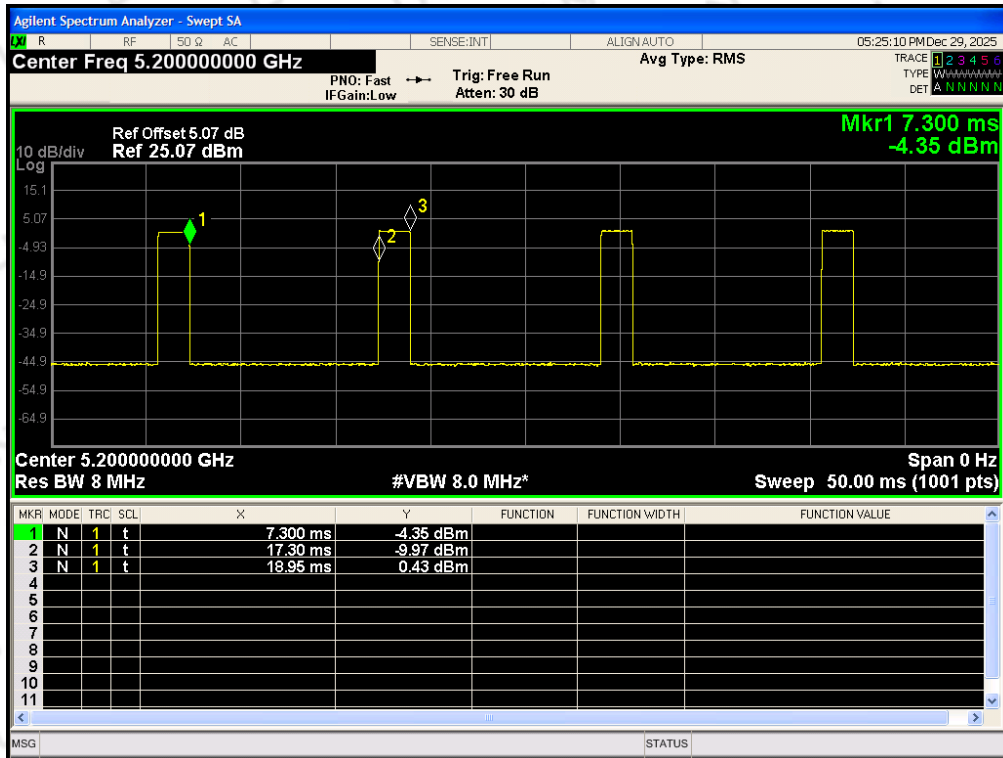
Duty Cycle NVNT 802.11ac40 5230MHz



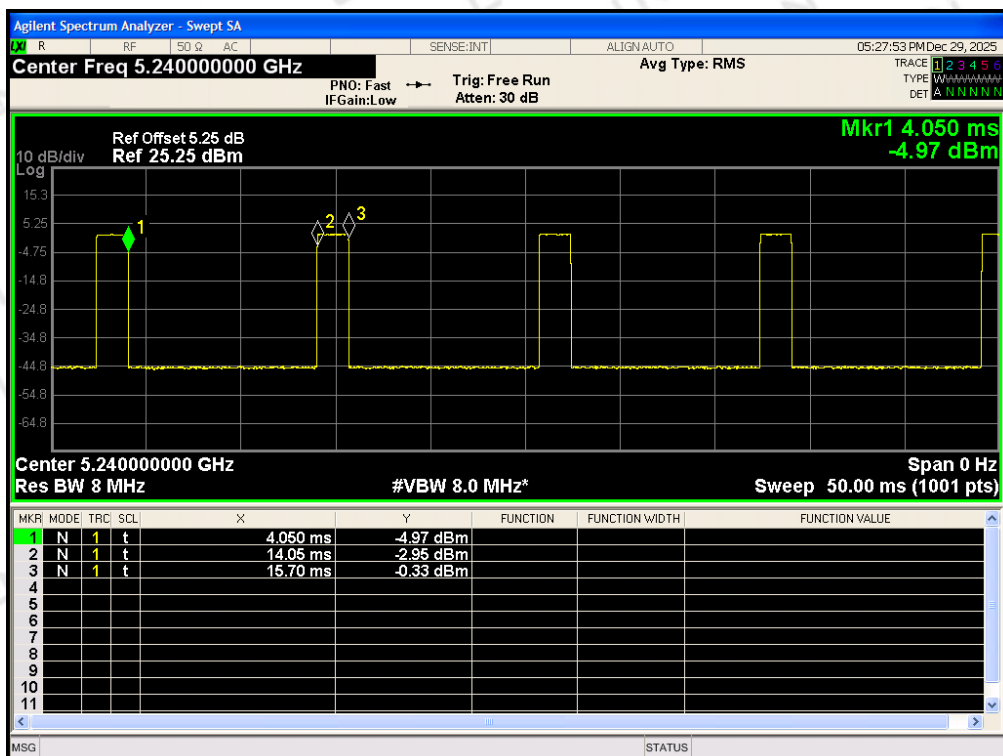
Duty Cycle NVNT 802.11ax20 5180MHz



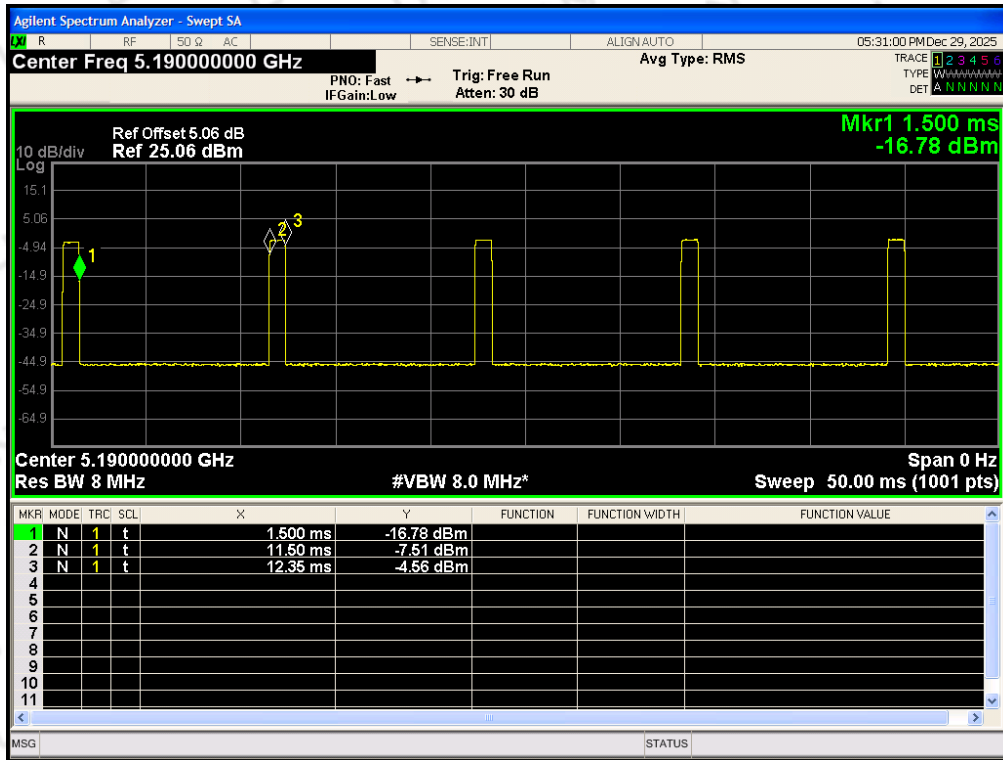
Duty Cycle NVNT 802.11ax20 5200MHz



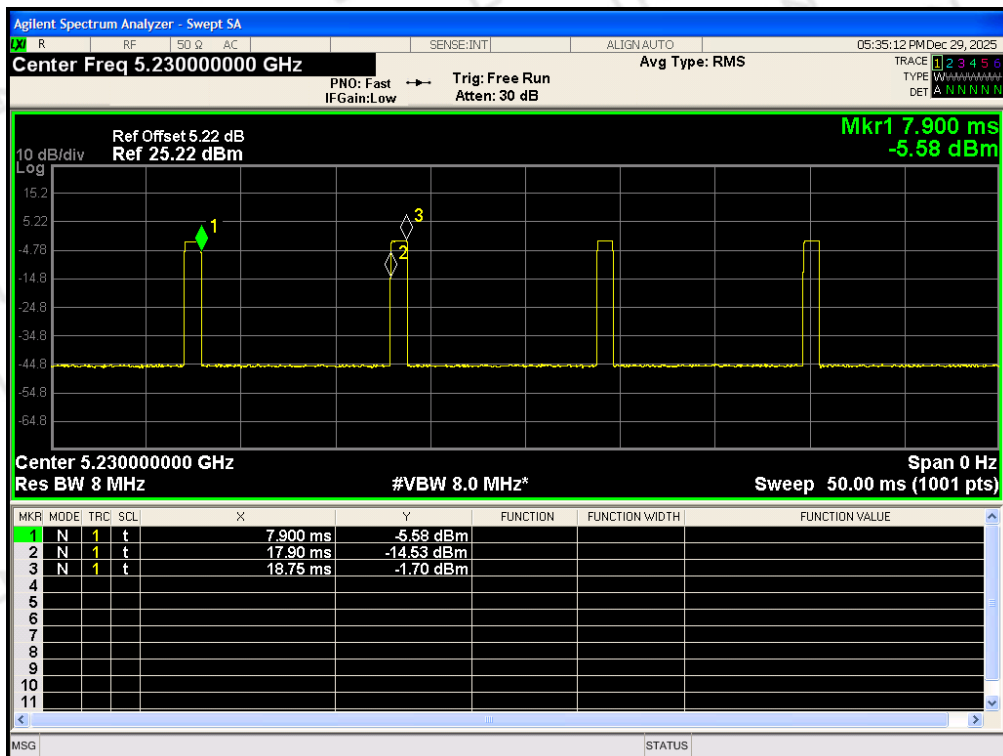
Duty Cycle NVNT 802.11ax20 5240MHz



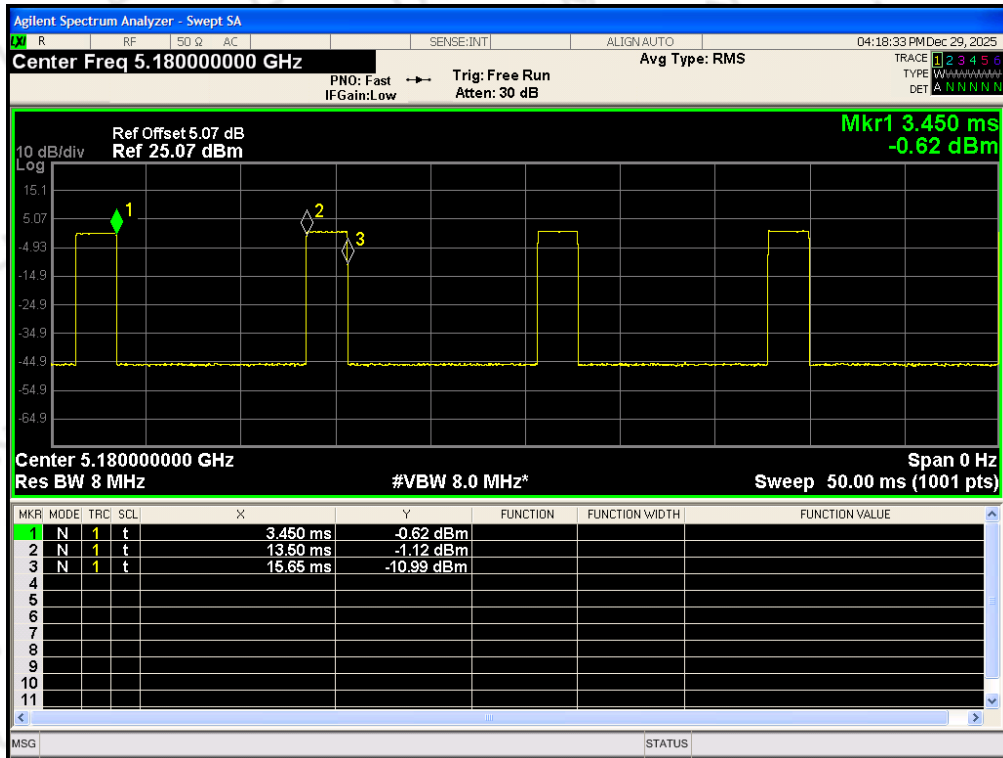
Duty Cycle NVNT 802.11ax40 5190MHz



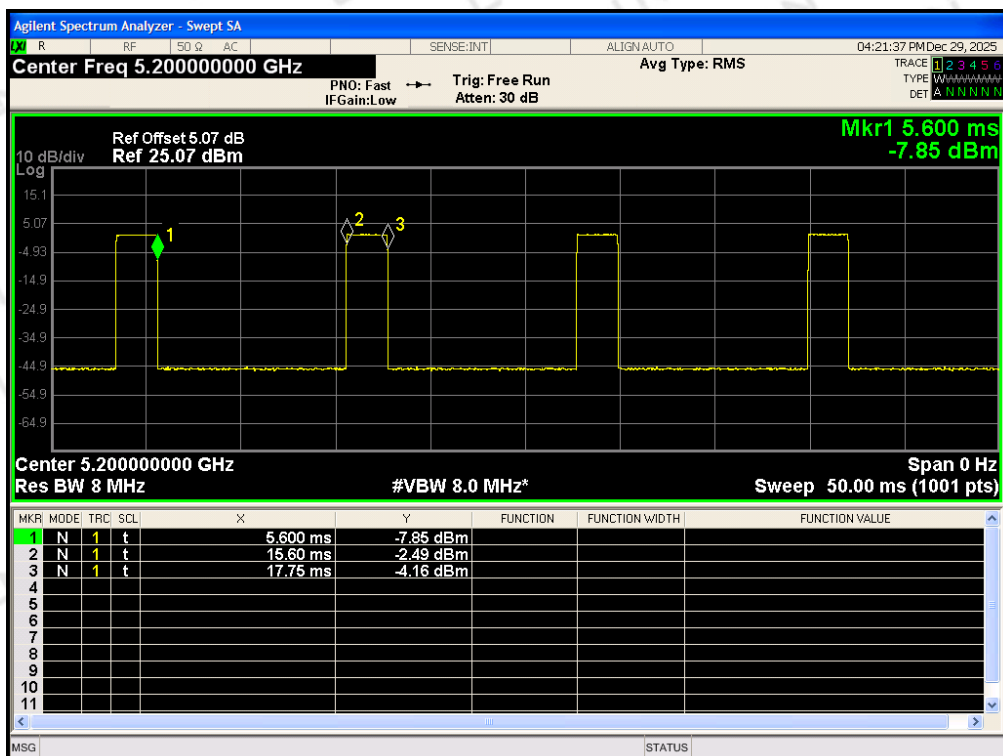
Duty Cycle NVNT 802.11ax40 5230MHz



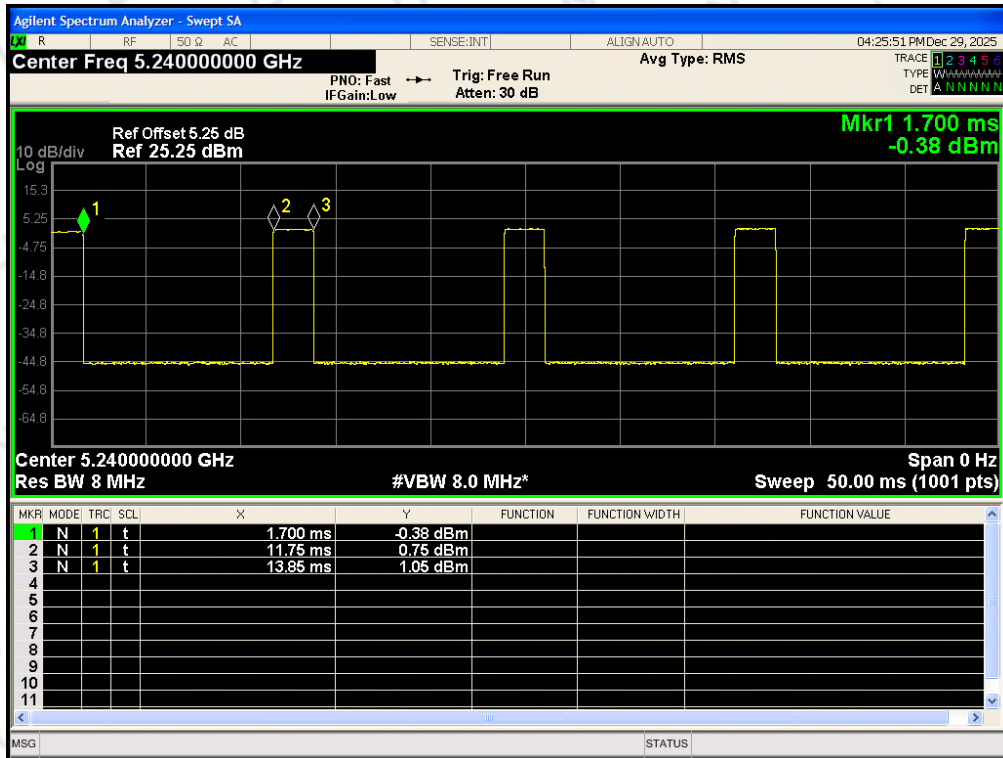
Duty Cycle NVNT 802.11n(HT20) 5180MHz



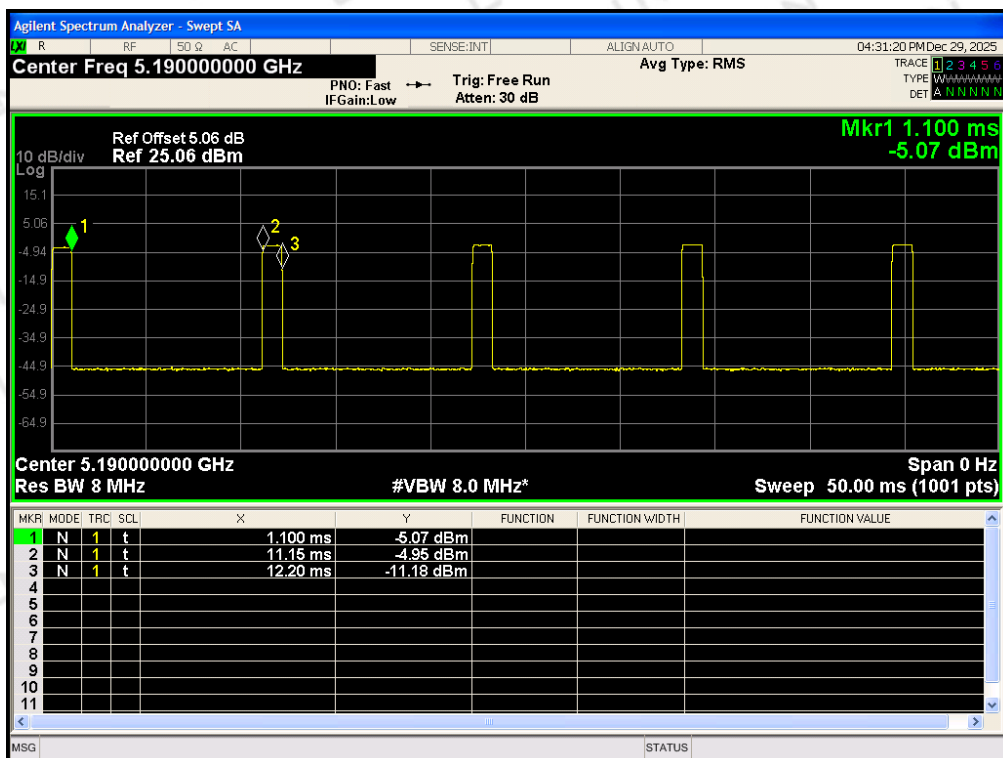
Duty Cycle NVNT 802.11n(HT20) 5200MHz



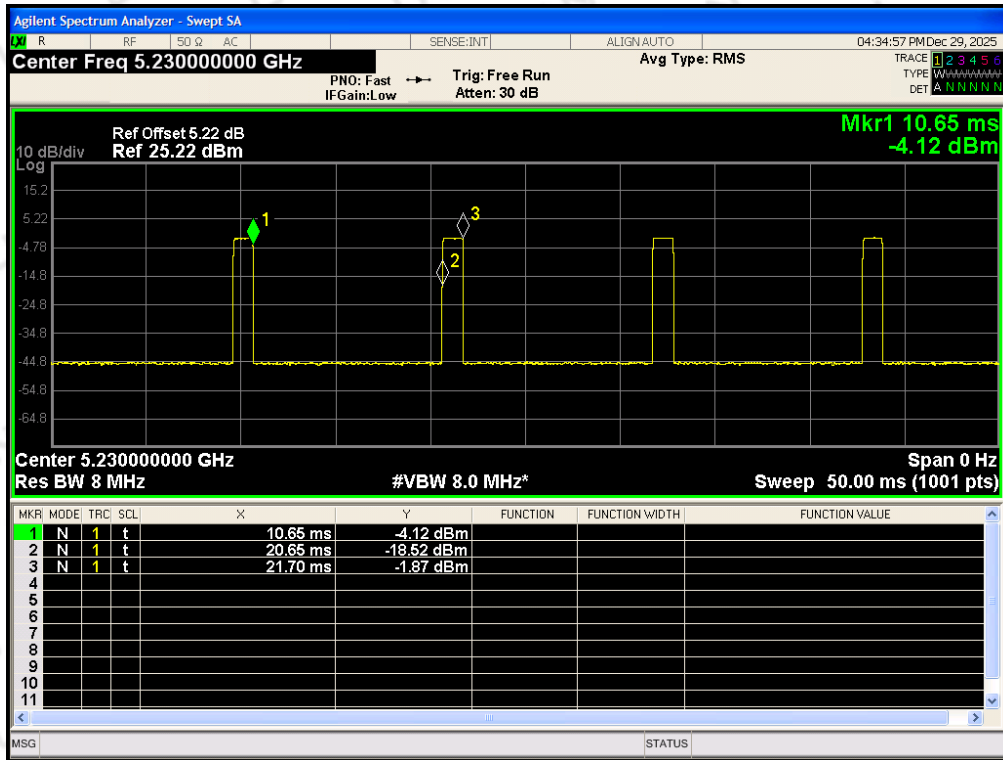
Duty Cycle NVNT 802.11n(HT20) 5240MHz



Duty Cycle NVNT 802.11n(HT40) 5190MHz



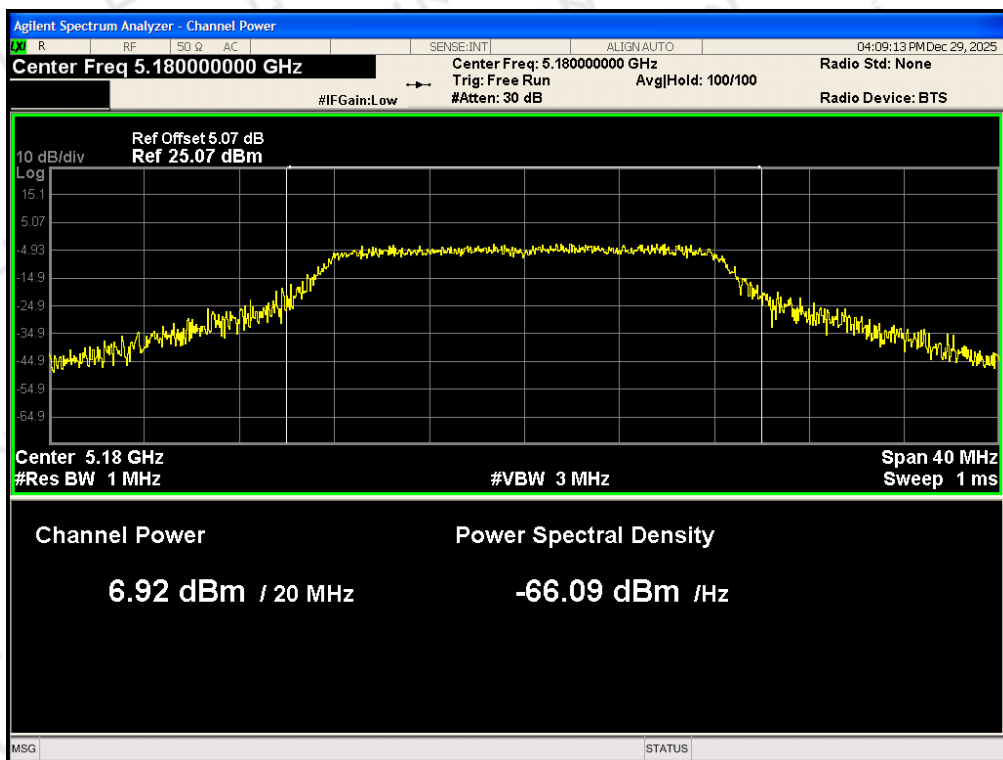
Duty Cycle NVNT 802.11n(HT40) 5230MHz



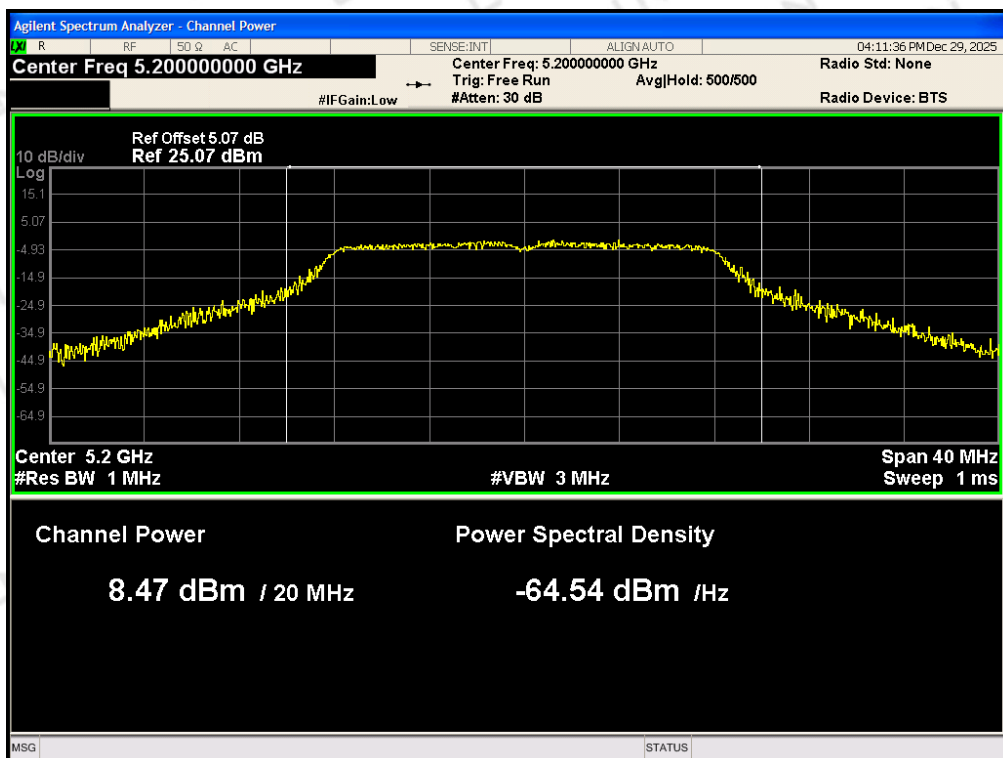
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	6.923	7.28	14.203	24	Pass
NVNT	802.11a	5200	Ant 1	8.474	7.3	15.774	24	Pass
NVNT	802.11a	5240	Ant 1	8.665	7.38	16.045	24	Pass
NVNT	802.11ac20	5180	Ant 1	7.215	7.52	14.735	24	Pass
NVNT	802.11ac20	5200	Ant 1	7.428	7.54	14.968	24	Pass
NVNT	802.11ac20	5240	Ant 1	7.151	7.52	14.671	24	Pass
NVNT	802.11ac40	5190	Ant 1	6.953	10.4	17.353	24	Pass
NVNT	802.11ac40	5230	Ant 1	7.307	10.22	17.527	24	Pass
NVNT	802.11ax20	5180	Ant 1	7.218	8.51	15.728	24	Pass
NVNT	802.11ax20	5200	Ant 1	7.874	8.49	16.364	24	Pass
NVNT	802.11ax20	5240	Ant 1	7.886	8.49	16.376	24	Pass
NVNT	802.11ax40	5190	Ant 1	6.12	11.06	17.180	24	Pass
NVNT	802.11ax40	5230	Ant 1	8.04	11.06	19.100	24	Pass
NVNT	802.11n(HT20)	5180	Ant 1	6.739	7.54	14.279	24	Pass
NVNT	802.11n(HT20)	5200	Ant 1	6.845	7.52	14.365	24	Pass
NVNT	802.11n(HT20)	5240	Ant 1	7.169	7.62	14.789	24	Pass
NVNT	802.11n(HT40)	5190	Ant 1	6.85	10.24	17.090	24	Pass
NVNT	802.11n(HT40)	5230	Ant 1	7.18	10.22	17.400	24	Pass

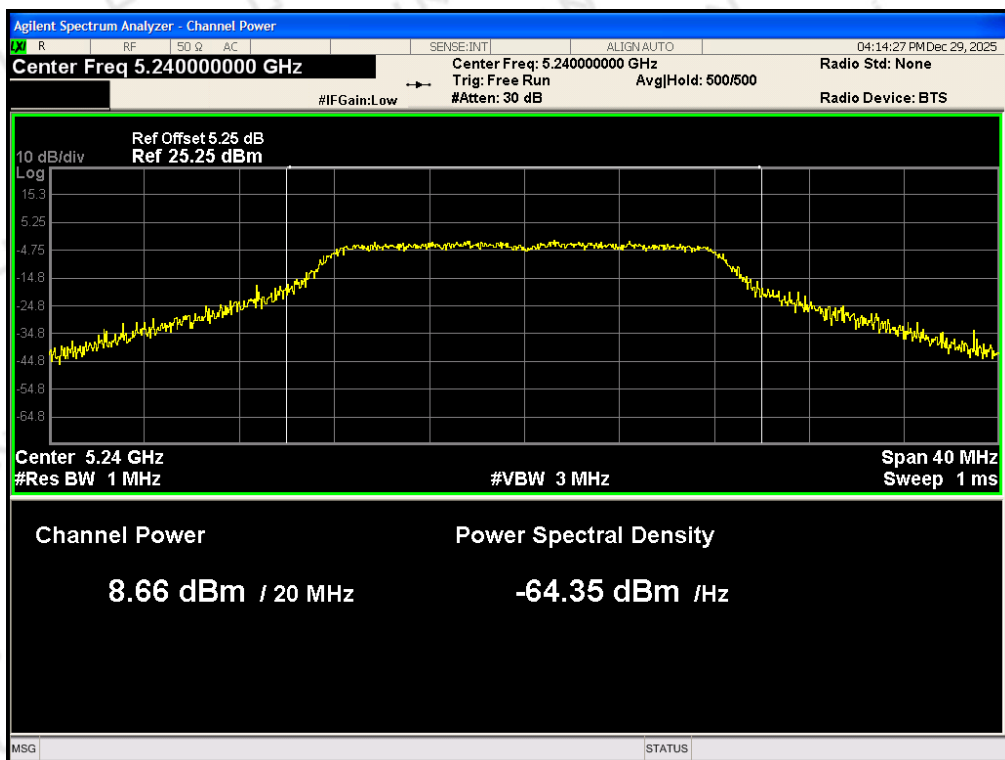
Power NVNT 802.11a 5180MHz Ant1



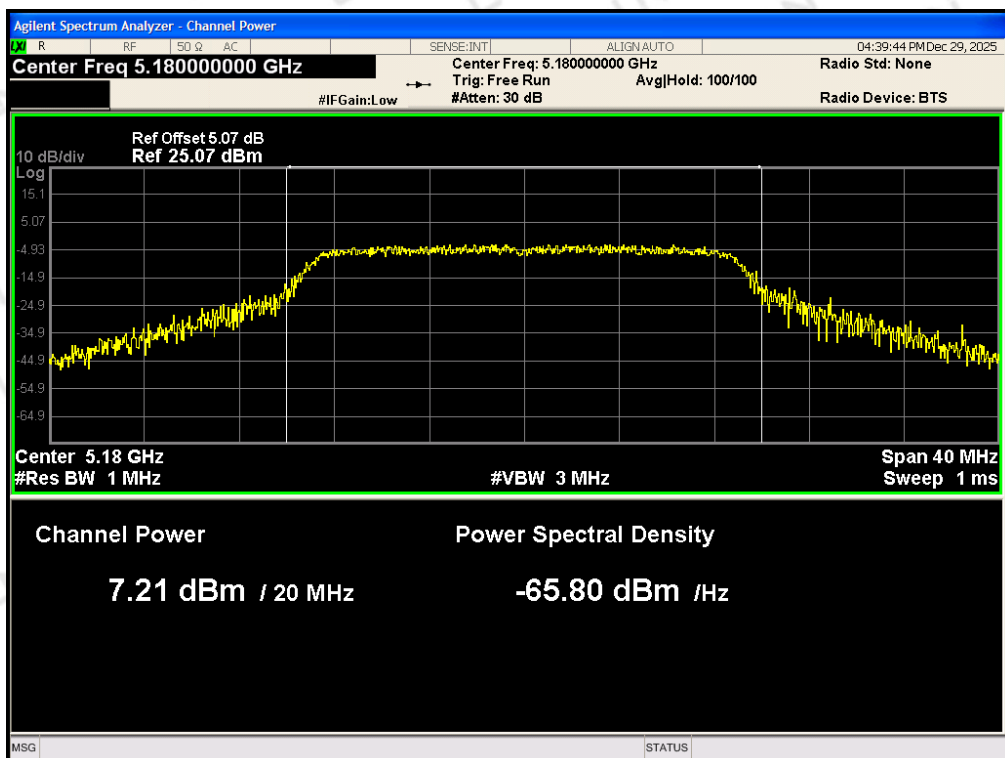
Power NVNT 802.11a 5200MHz Ant1



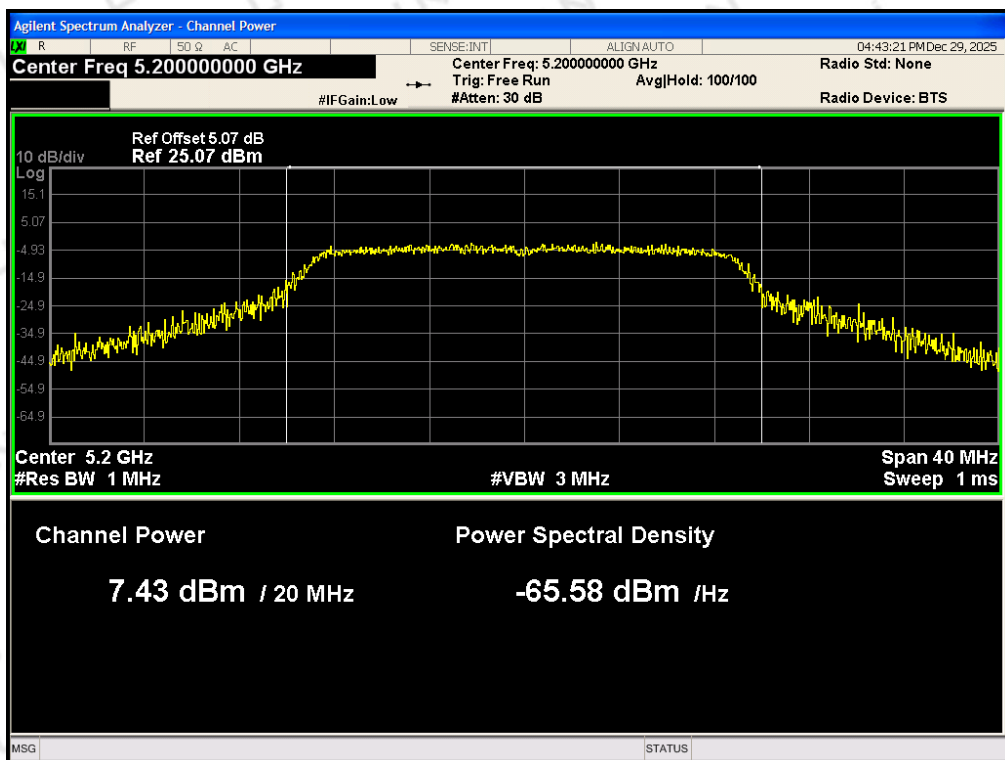
Power NVNT 802.11a 5240MHz Ant1



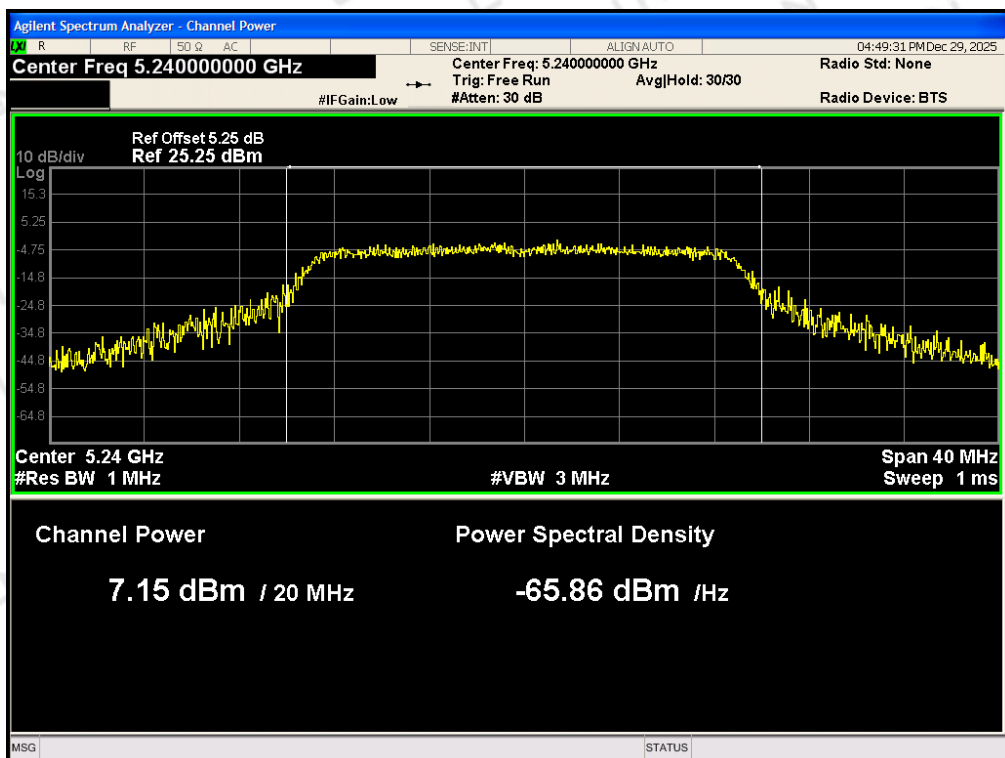
Power NVNT 802.11ac20 5180MHz Ant1



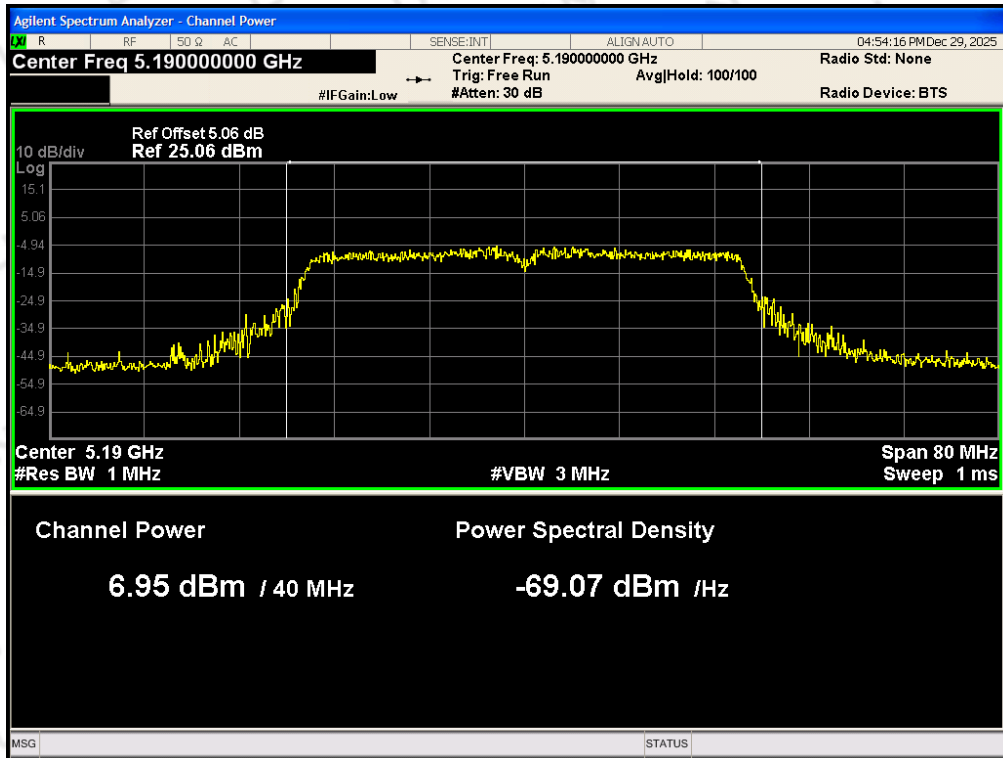
Power NVNT 802.11ac20 5200MHz Ant1



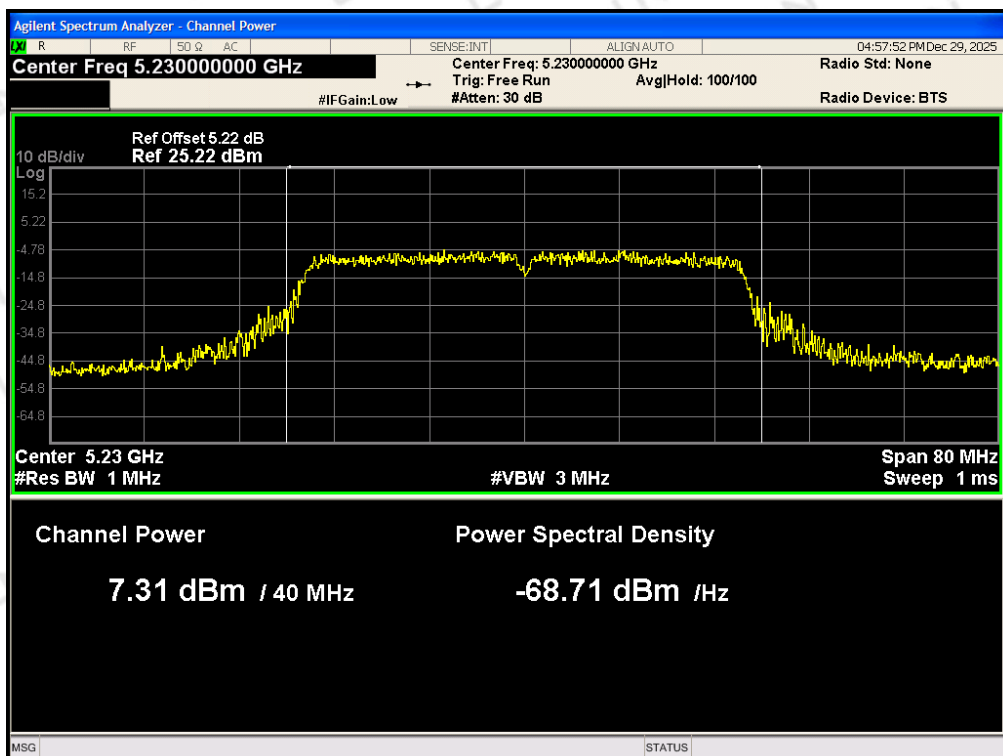
Power NVNT 802.11ac20 5240MHz Ant1



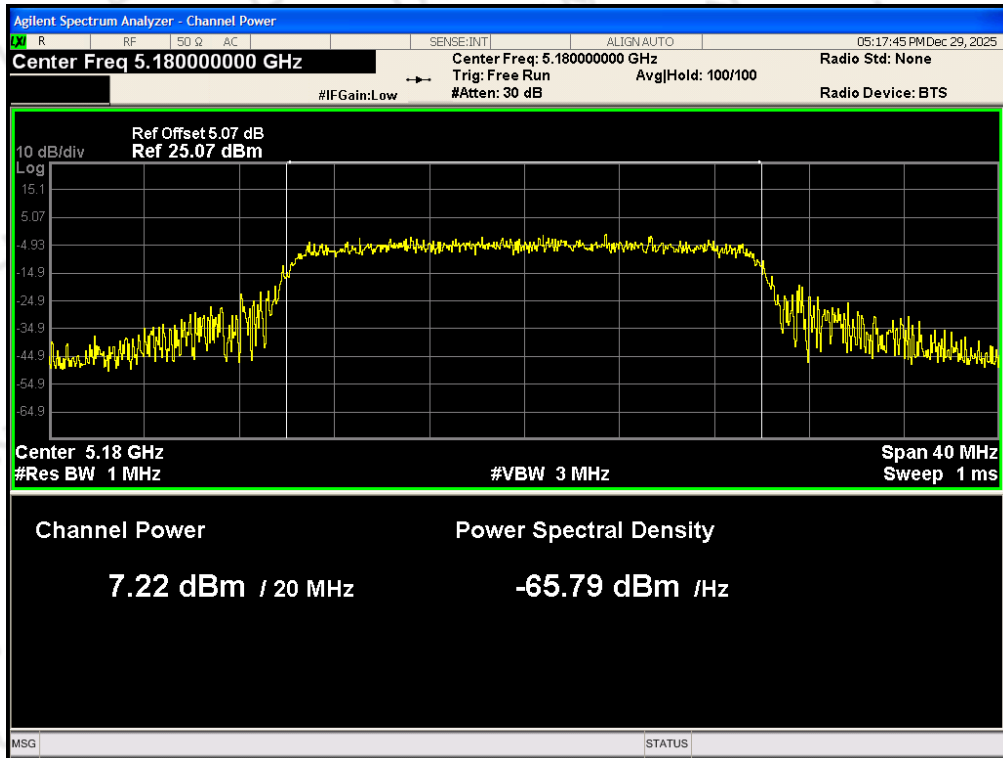
Power NVNT 802.11ac40 5190MHz Ant1



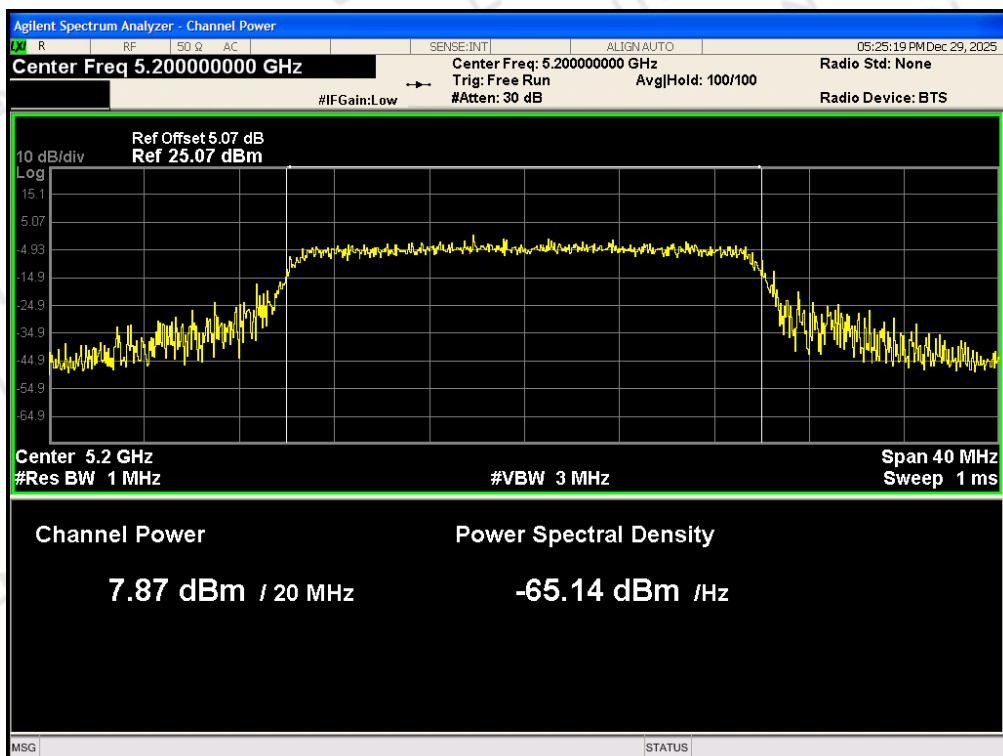
Power NVNT 802.11ac40 5230MHz Ant1



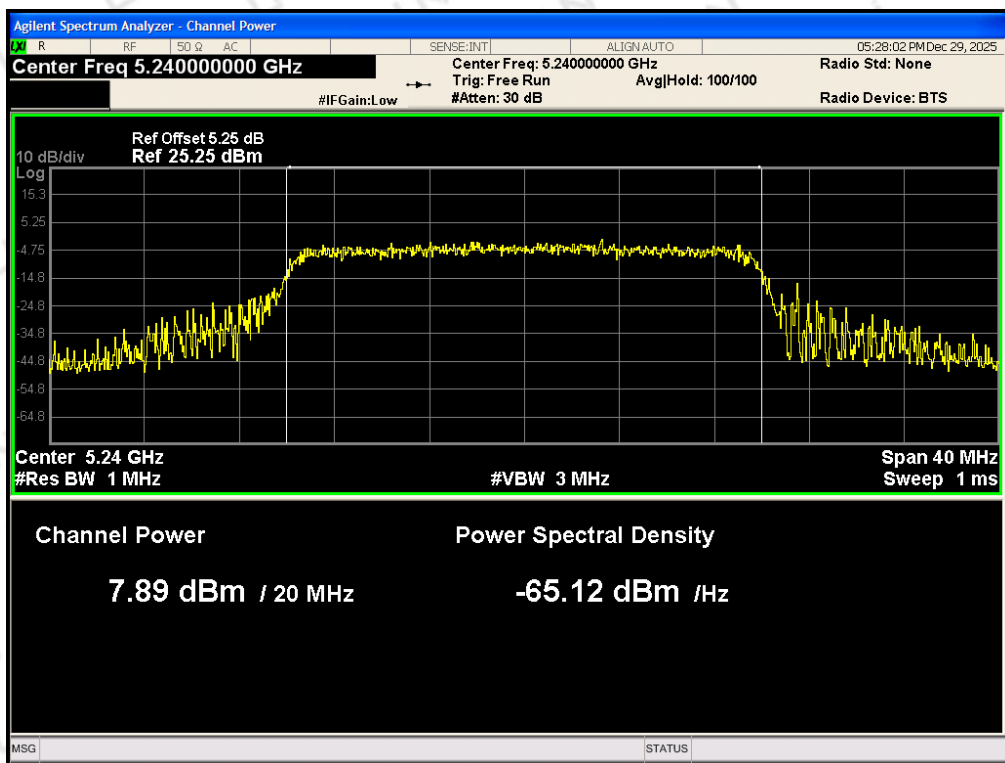
Power NVNT 802.11ax20 5180MHz Ant1



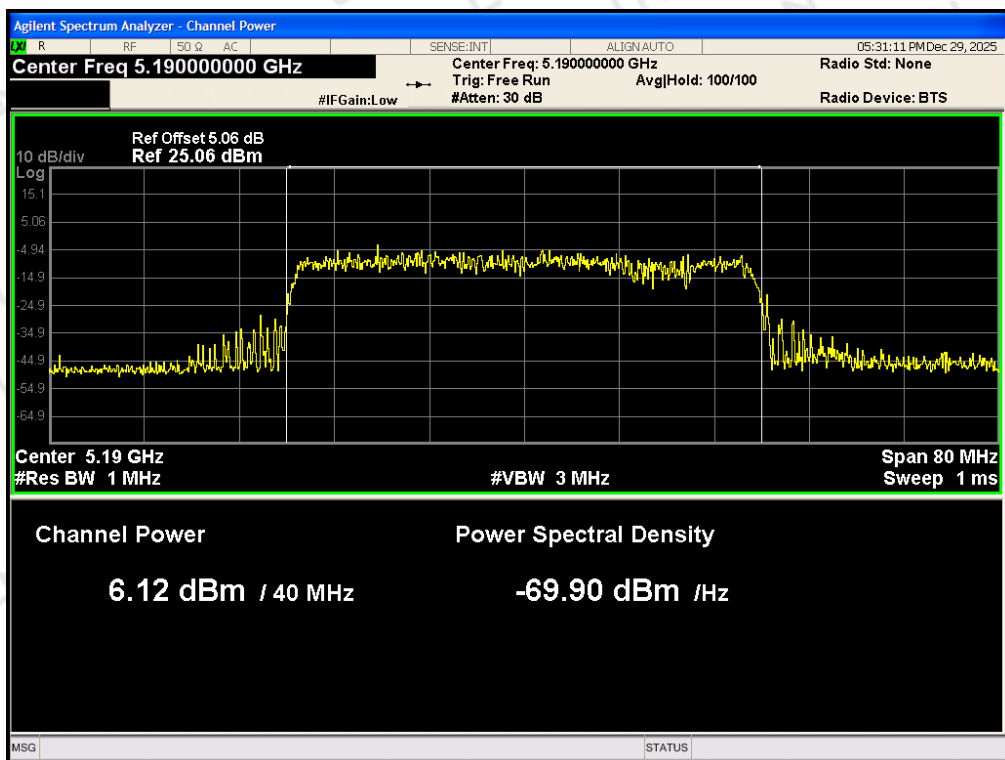
Power NVNT 802.11ax20 5200MHz Ant1



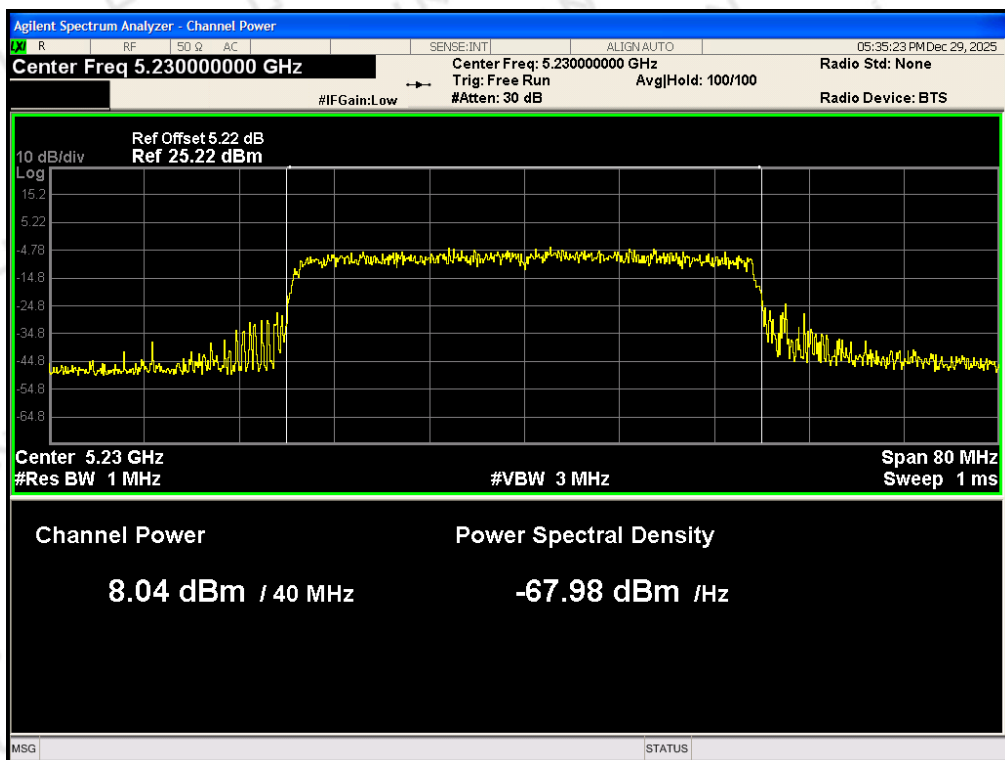
Power NVNT 802.11ax20 5240MHz Ant1



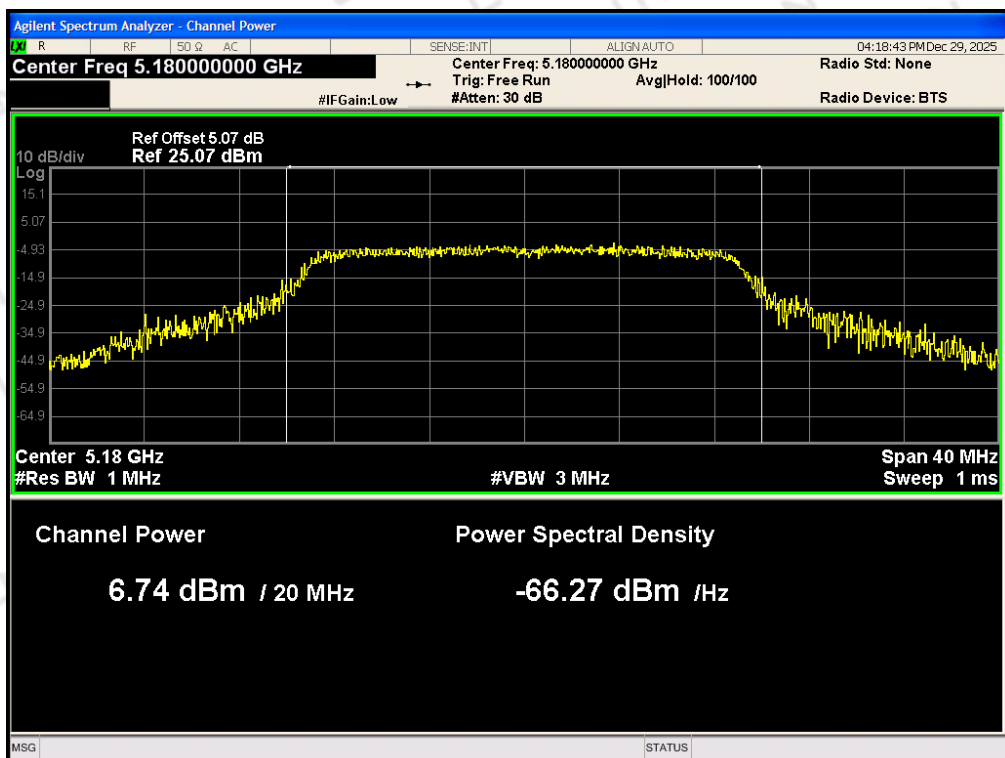
Power NVNT 802.11ax40 5190MHz Ant1



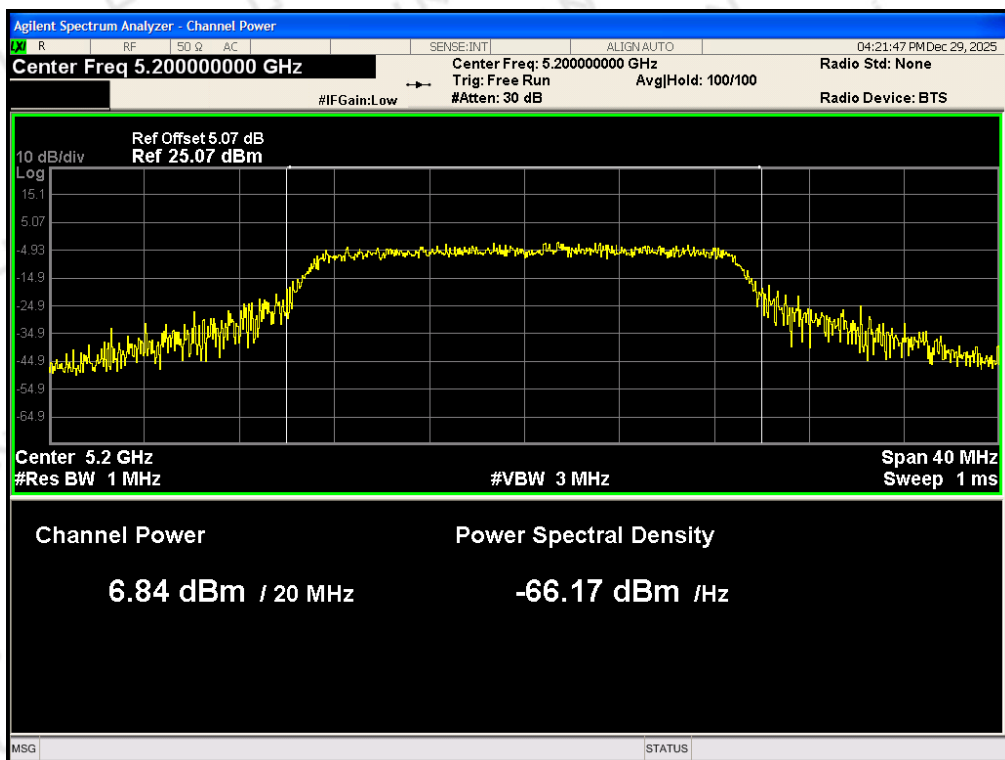
Power NVNT 802.11ax40 5230MHz Ant1



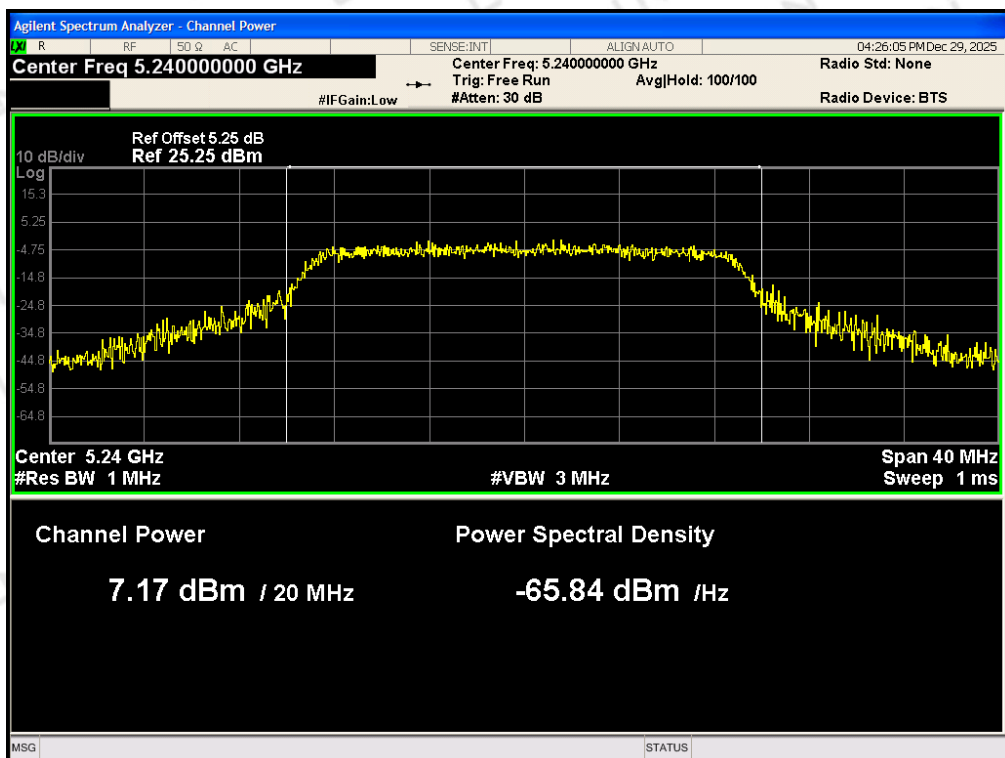
Power NVNT 802.11n(HT20) 5180MHz Ant1



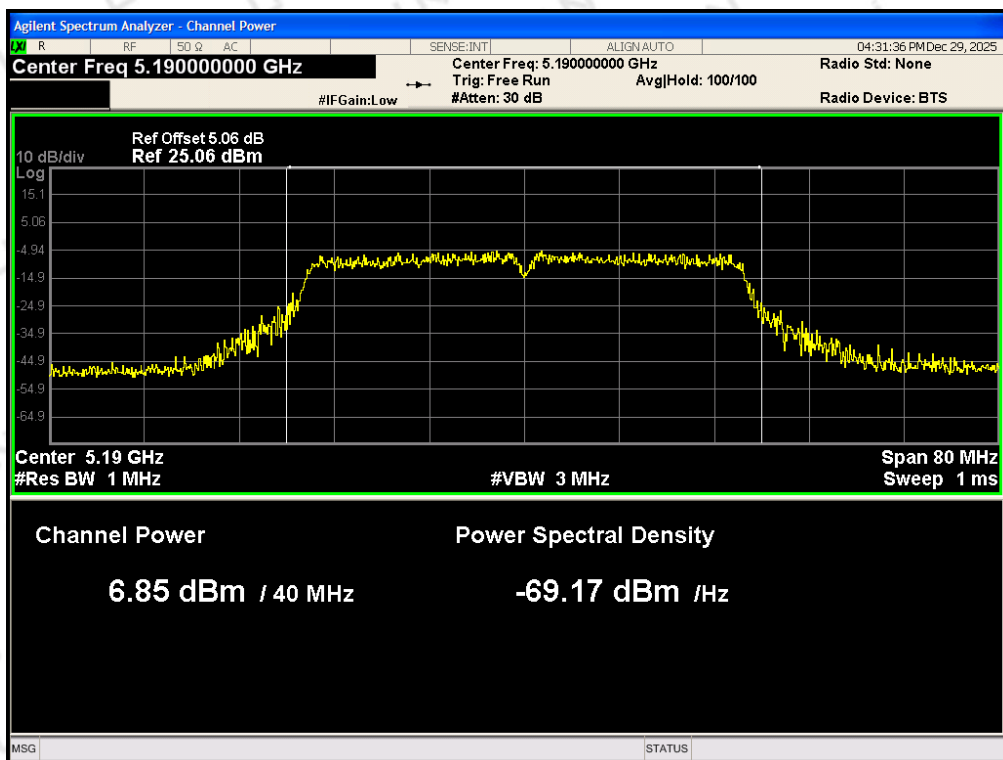
Power NVNT 802.11n(HT20) 5200MHz Ant1



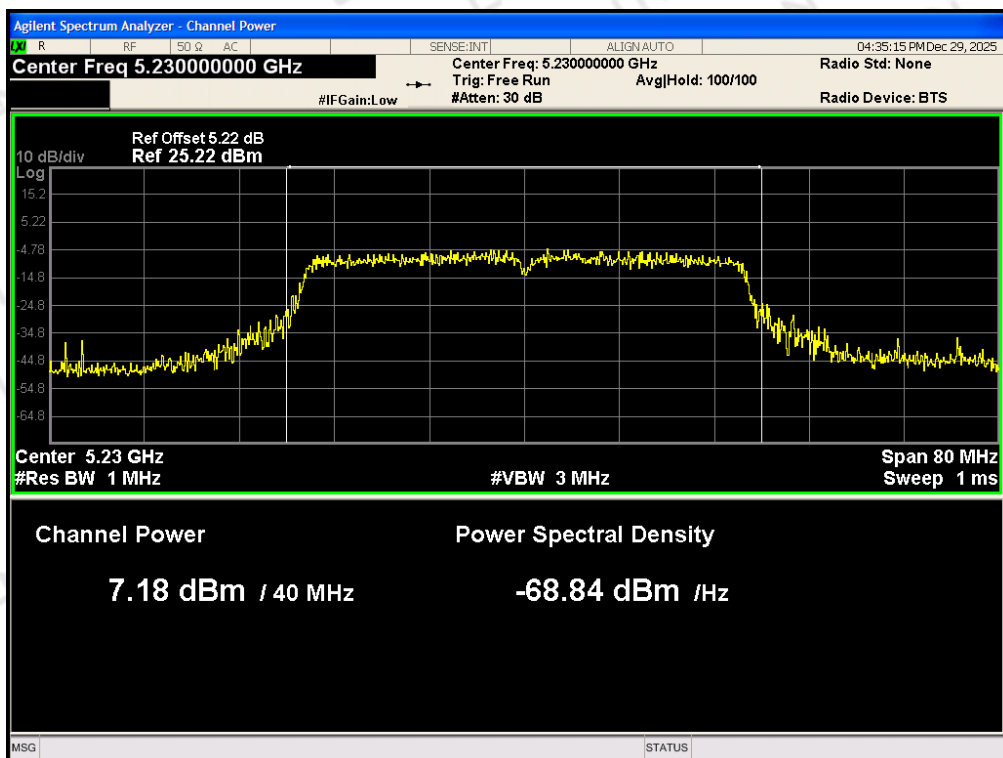
Power NVNT 802.11n(HT20) 5240MHz Ant1



Power NVNT 802.11n(HT40) 5190MHz Ant1



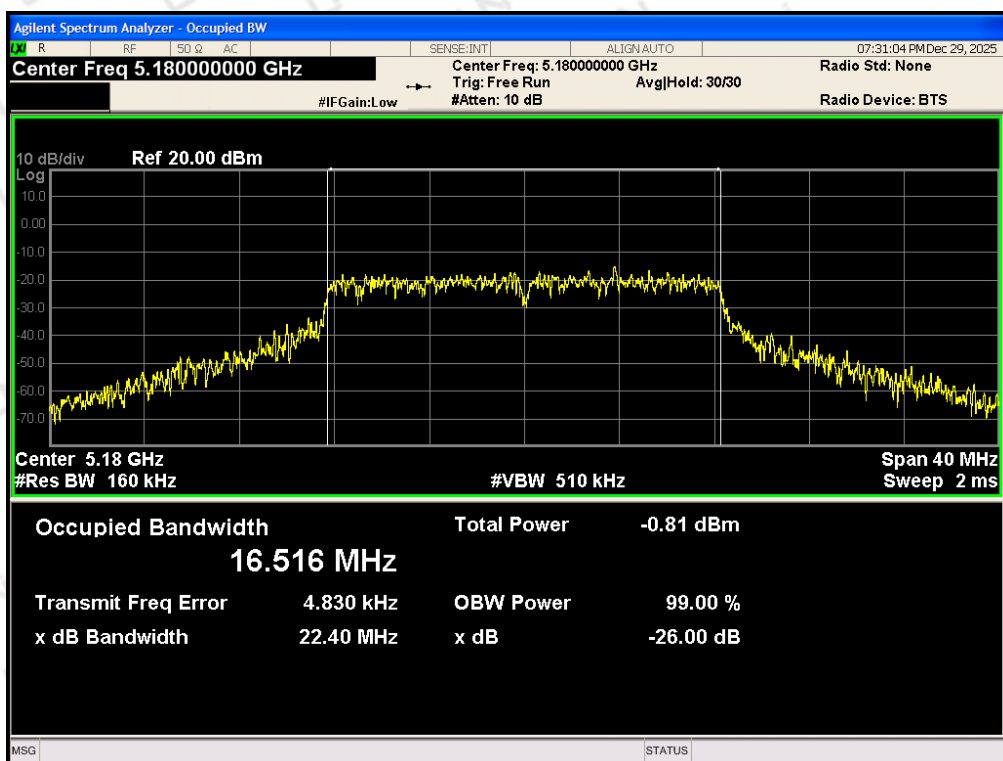
Power NVNT 802.11n(HT40) 5230MHz Ant1



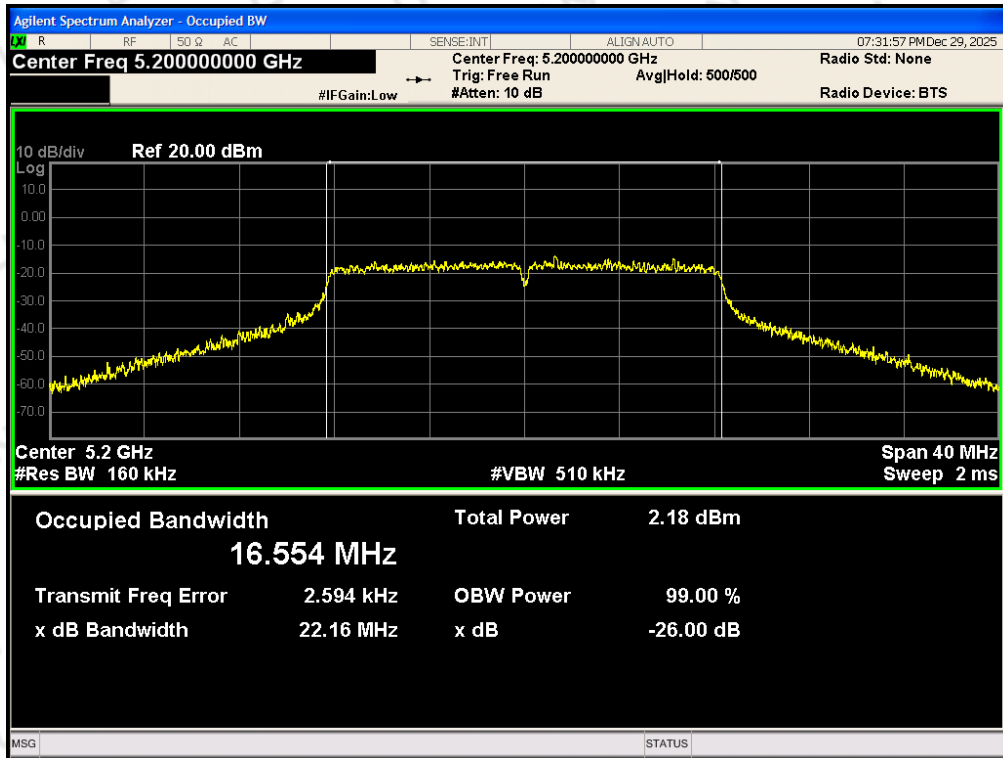
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Verdict
NVNT	802.11a	5180	Ant 1	16.516	Pass
NVNT	802.11a	5200	Ant 1	16.554	Pass
NVNT	802.11a	5240	Ant 1	16.477	Pass
NVNT	802.11ac20	5180	Ant 1	17.696	Pass
NVNT	802.11ac20	5200	Ant 1	17.708	Pass
NVNT	802.11ac20	5240	Ant 1	17.662	Pass
NVNT	802.11ac40	5190	Ant 1	36.238	Pass
NVNT	802.11ac40	5230	Ant 1	36.205	Pass
NVNT	802.11ax20	5180	Ant 1	18.965	Pass
NVNT	802.11ax20	5200	Ant 1	18.910	Pass
NVNT	802.11ax20	5240	Ant 1	18.957	Pass
NVNT	802.11ax40	5190	Ant 1	37.550	Pass
NVNT	802.11ax40	5230	Ant 1	37.804	Pass
NVNT	802.11n(HT20)	5180	Ant 1	17.723	Pass
NVNT	802.11n(HT20)	5200	Ant 1	17.694	Pass
NVNT	802.11n(HT20)	5240	Ant 1	17.676	Pass
NVNT	802.11n(HT40)	5190	Ant 1	36.062	Pass
NVNT	802.11n(HT40)	5230	Ant 1	36.146	Pass

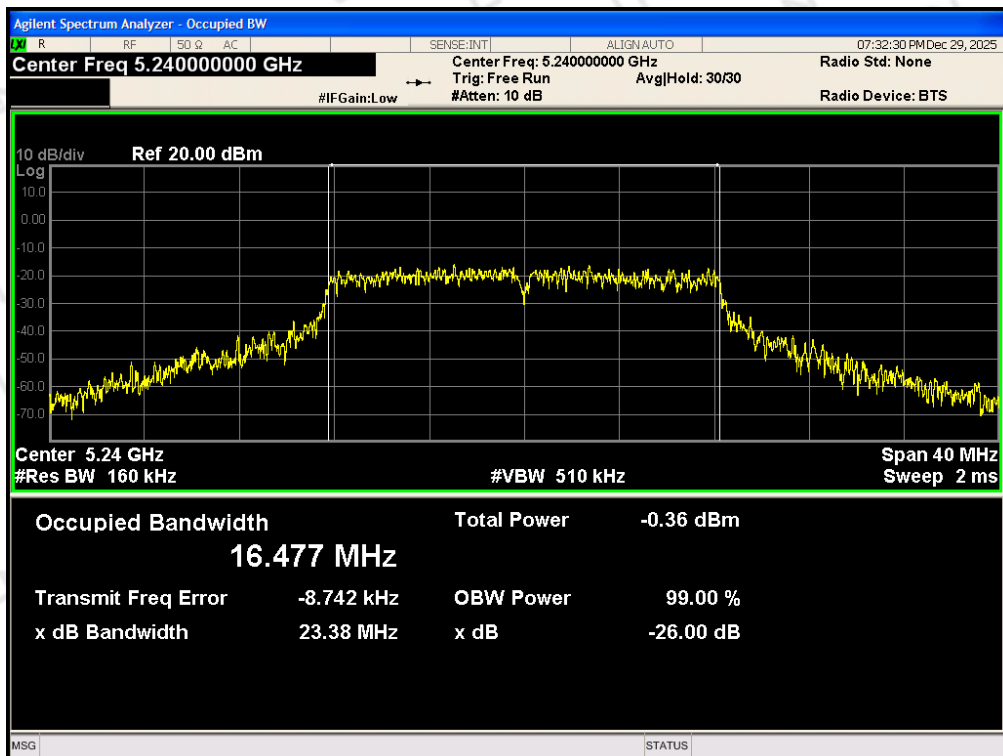
OBW NVNT 802.11a 5180MHz Ant1



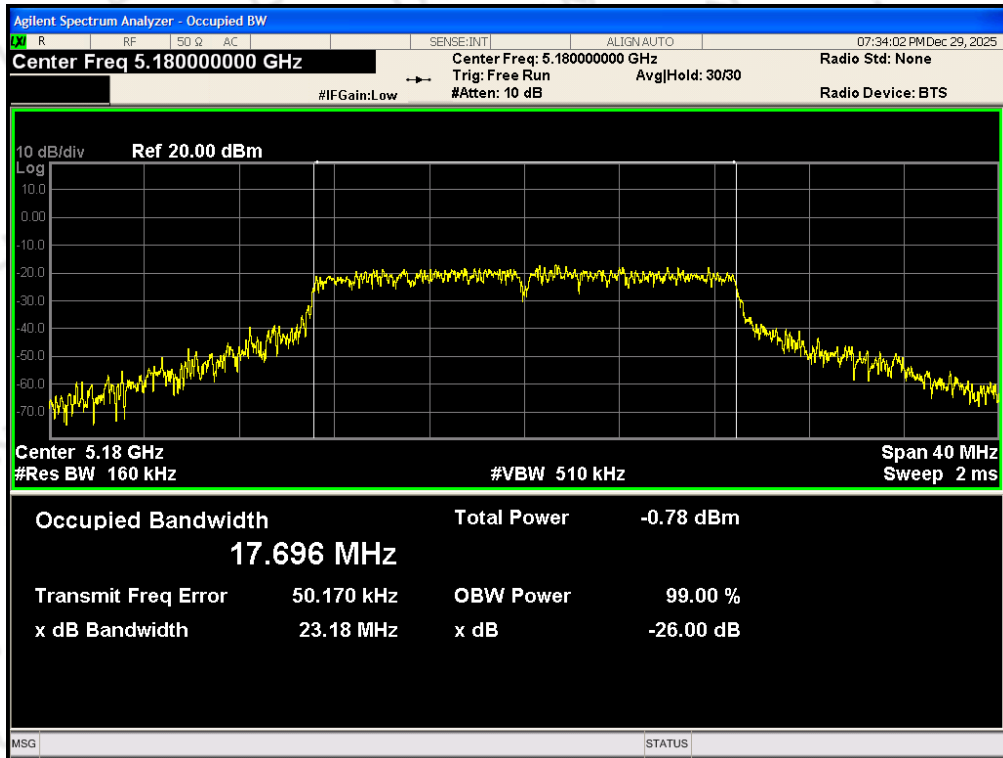
OBW NVNT 802.11a 5200MHz Ant1



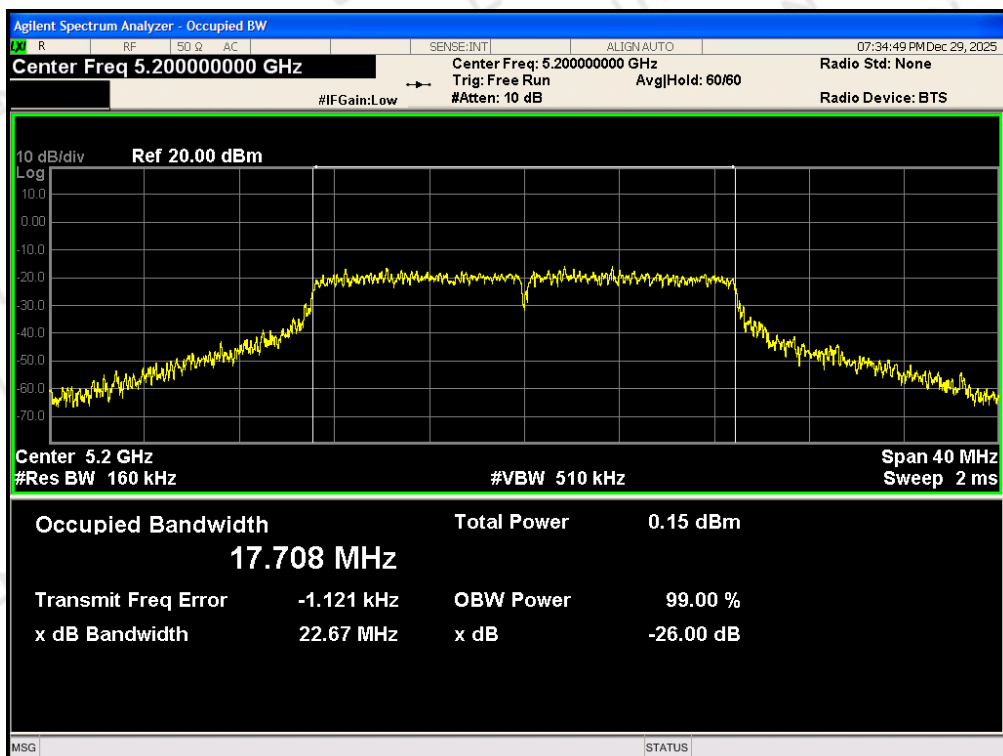
OBW NVNT 802.11a 5240MHz Ant1



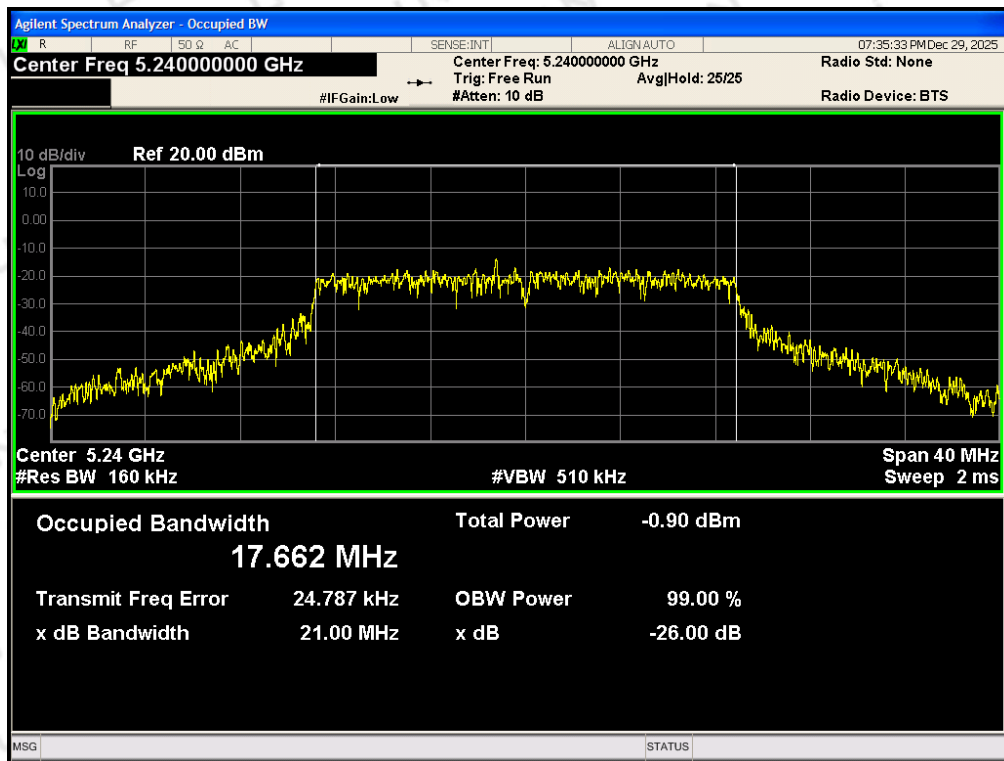
OBW NVNT 802.11ac20 5180MHz Ant1



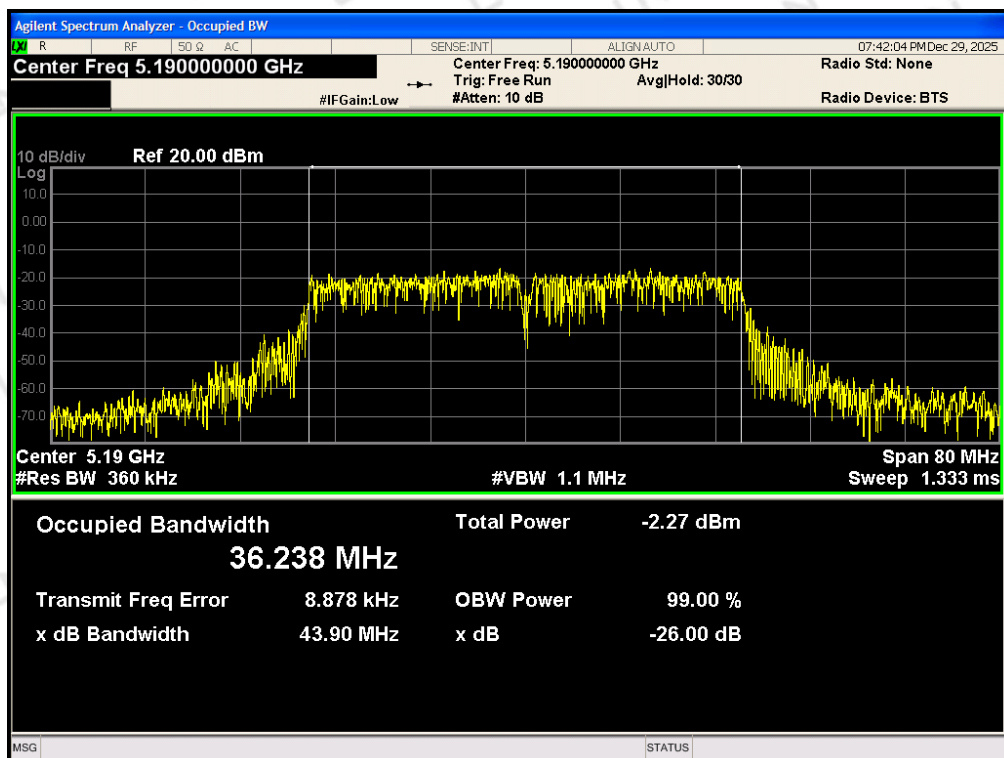
OBW NVNT 802.11ac20 5200MHz Ant1



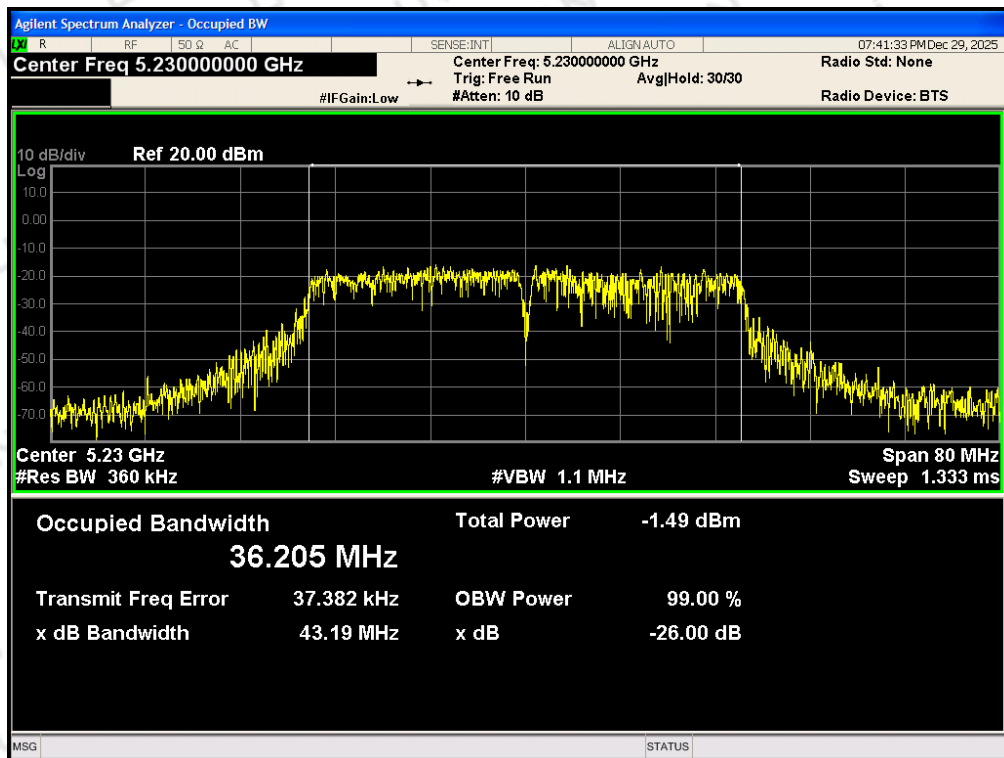
OBW NVNT 802.11ac20 5240MHz Ant1



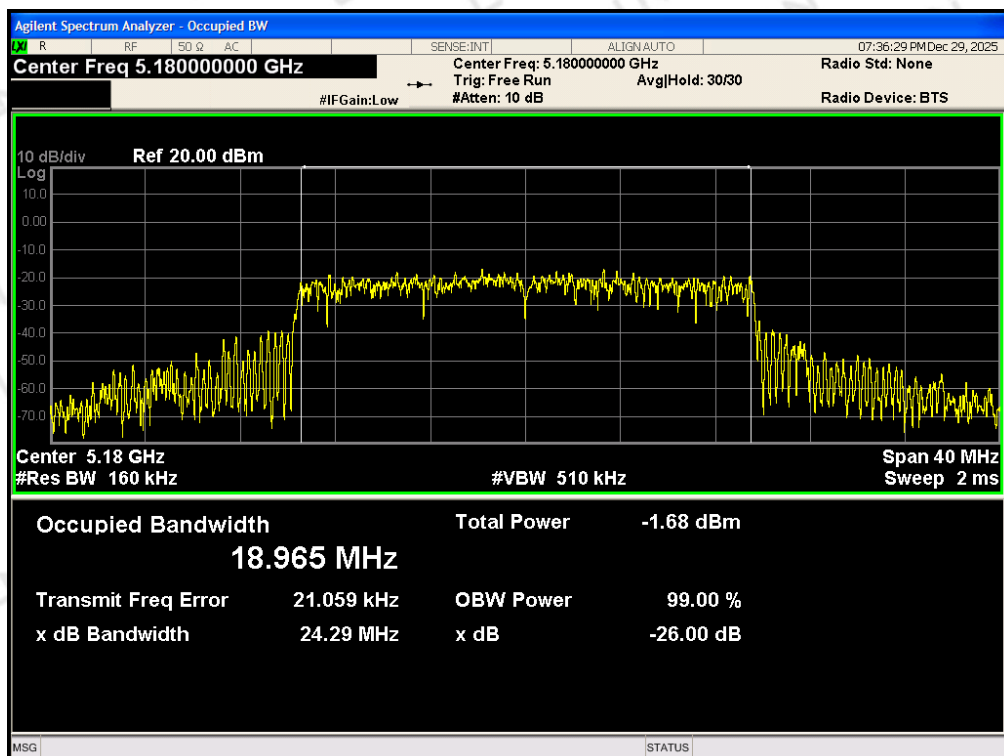
OBW NVNT 802.11ac40 5190MHz Ant1



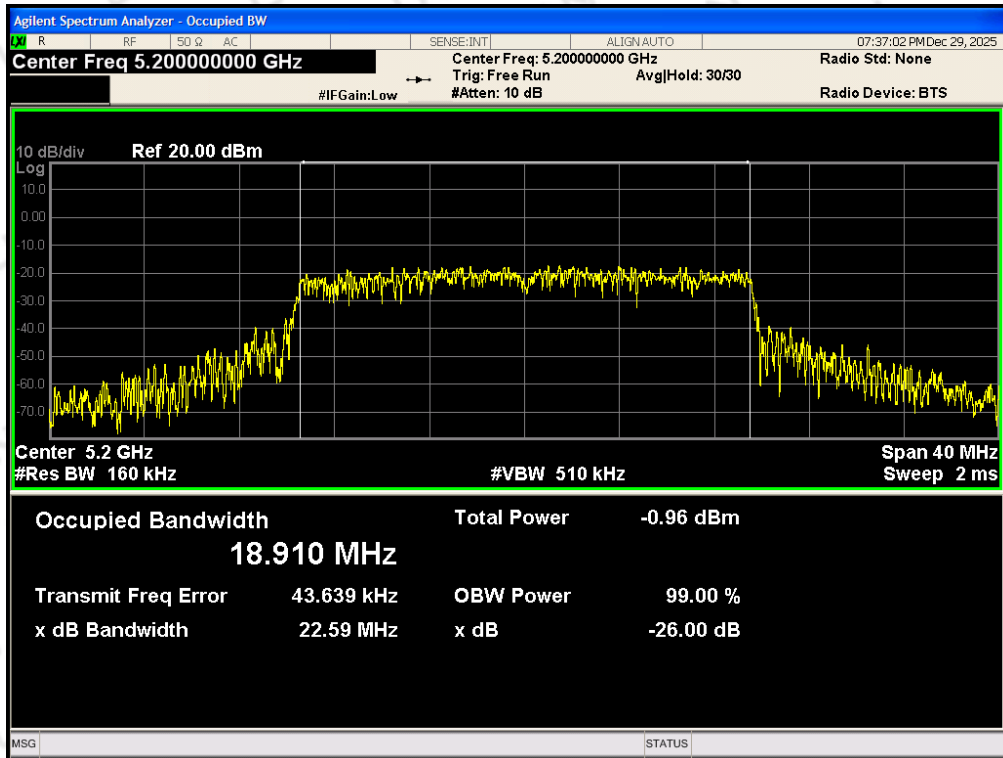
OBW NVNT 802.11ac40 5230MHz Ant1



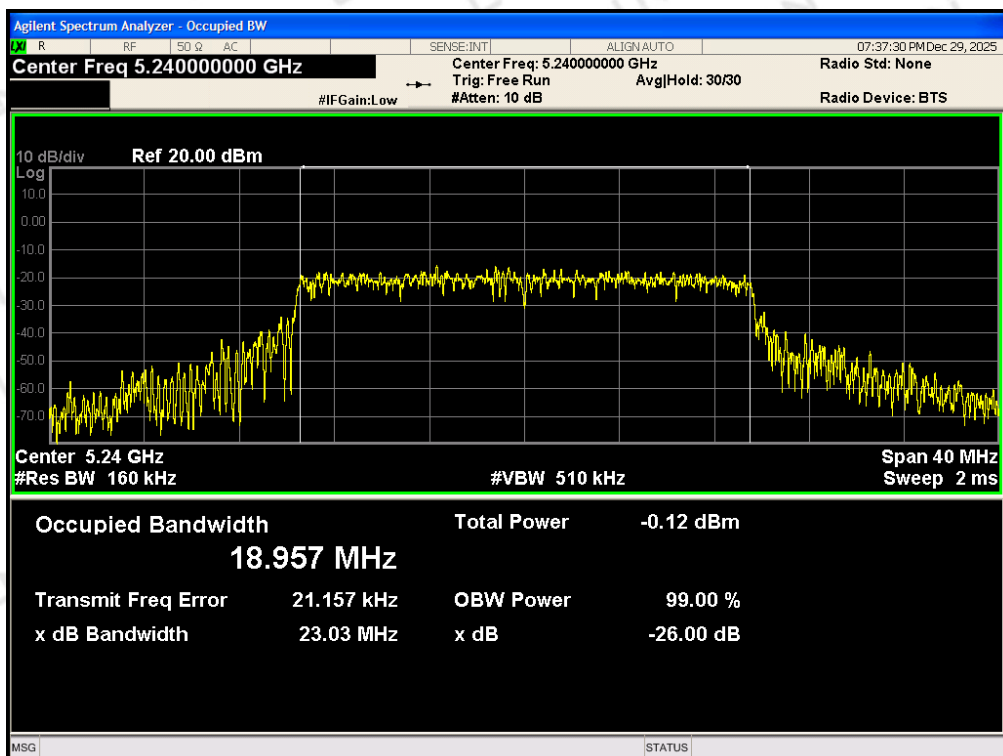
OBW NVNT 802.11ax20 5180MHz Ant1



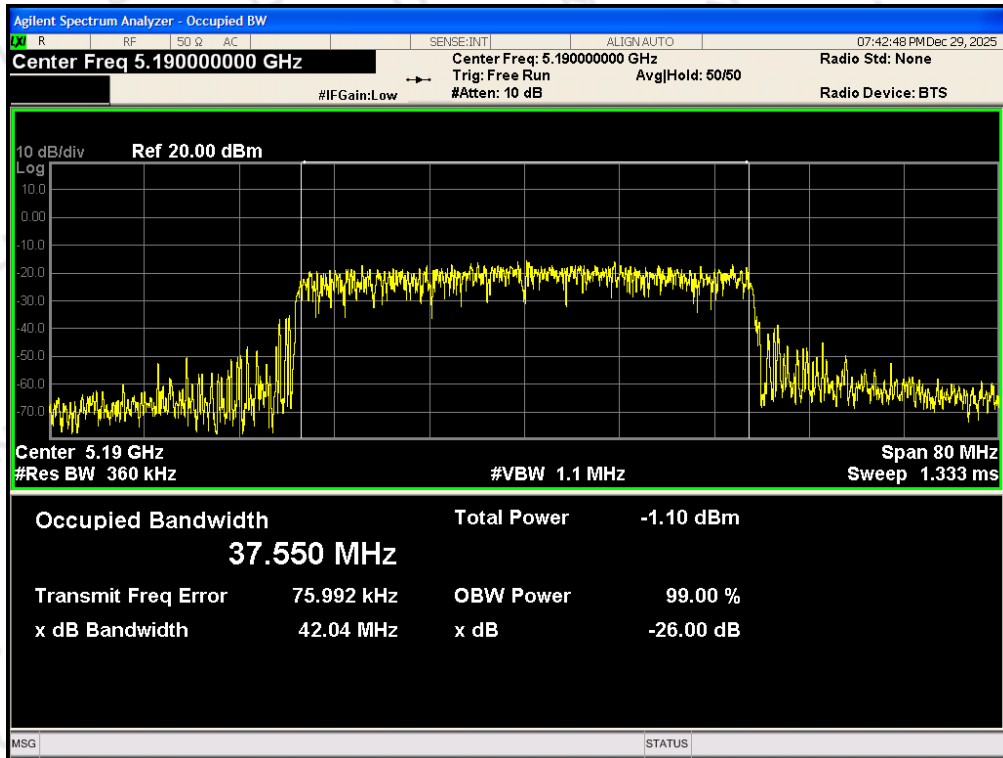
OBW NVNT 802.11ax20 5200MHz Ant1



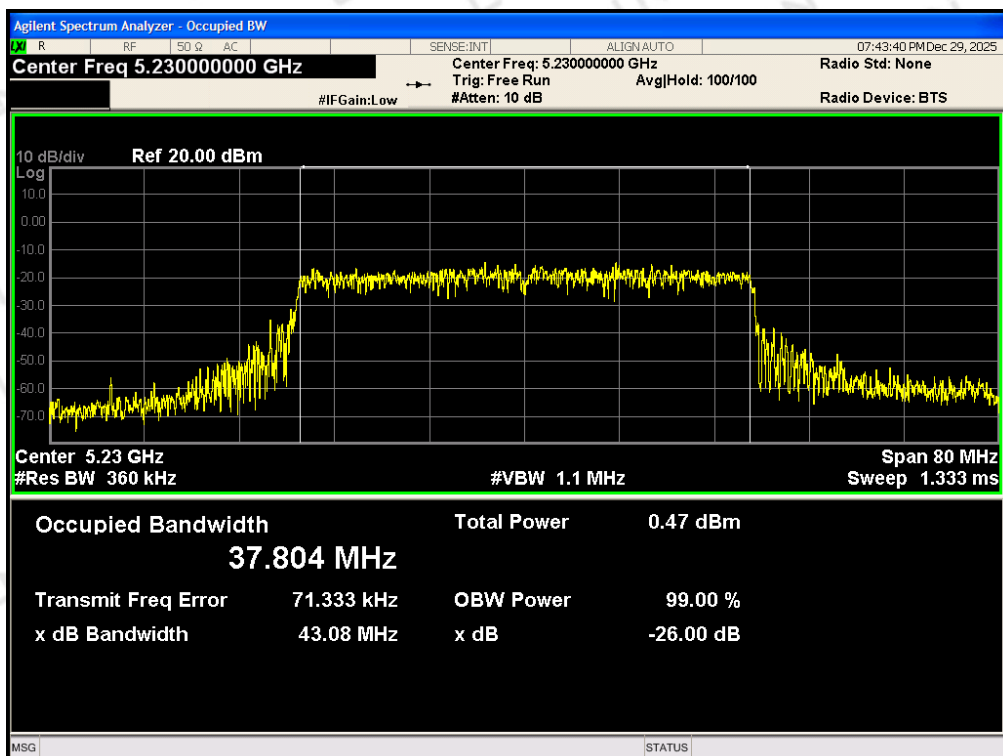
OBW NVNT 802.11ax20 5240MHz Ant1



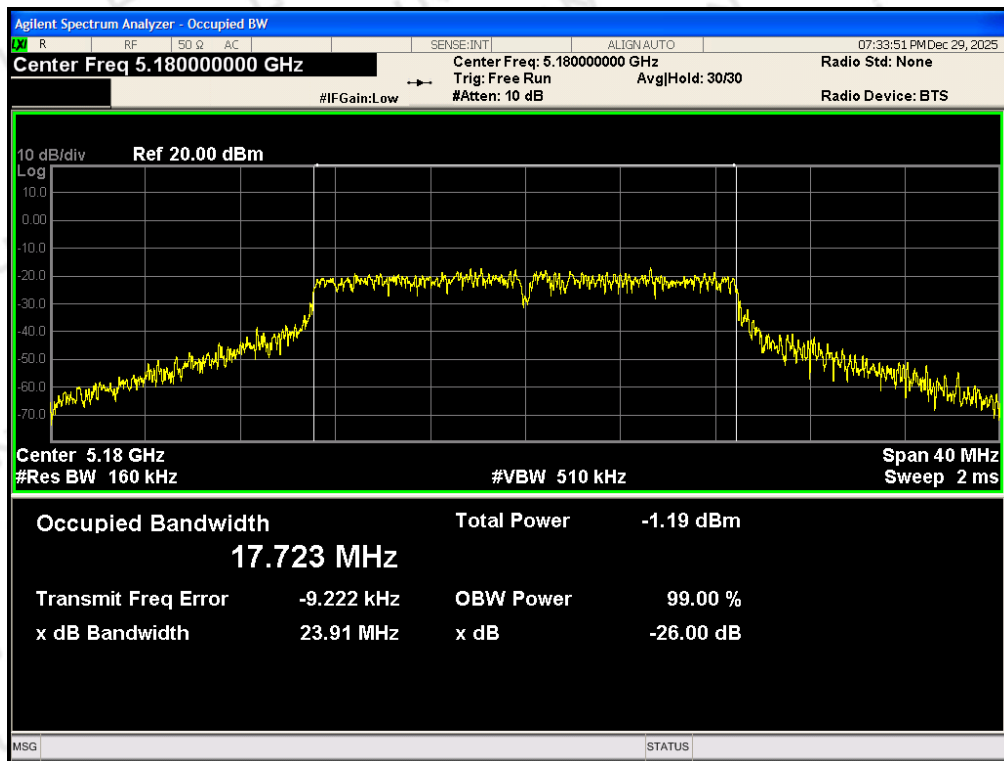
OBW NVNT 802.11ax40 5190MHz Ant1



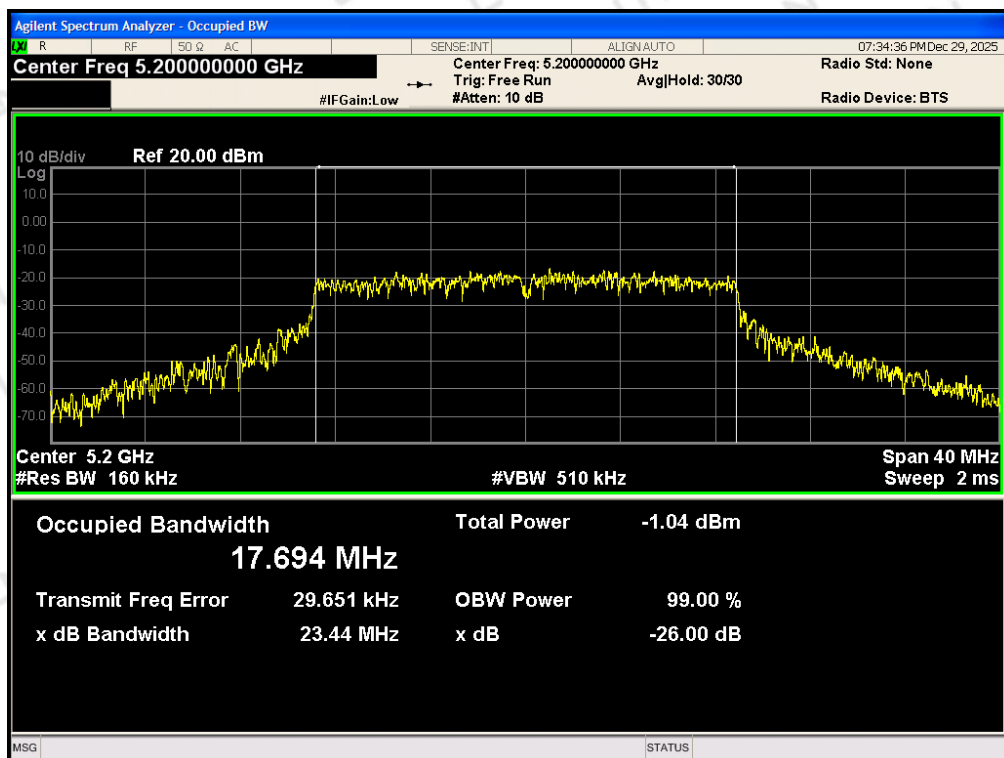
OBW NVNT 802.11ax40 5230MHz Ant1



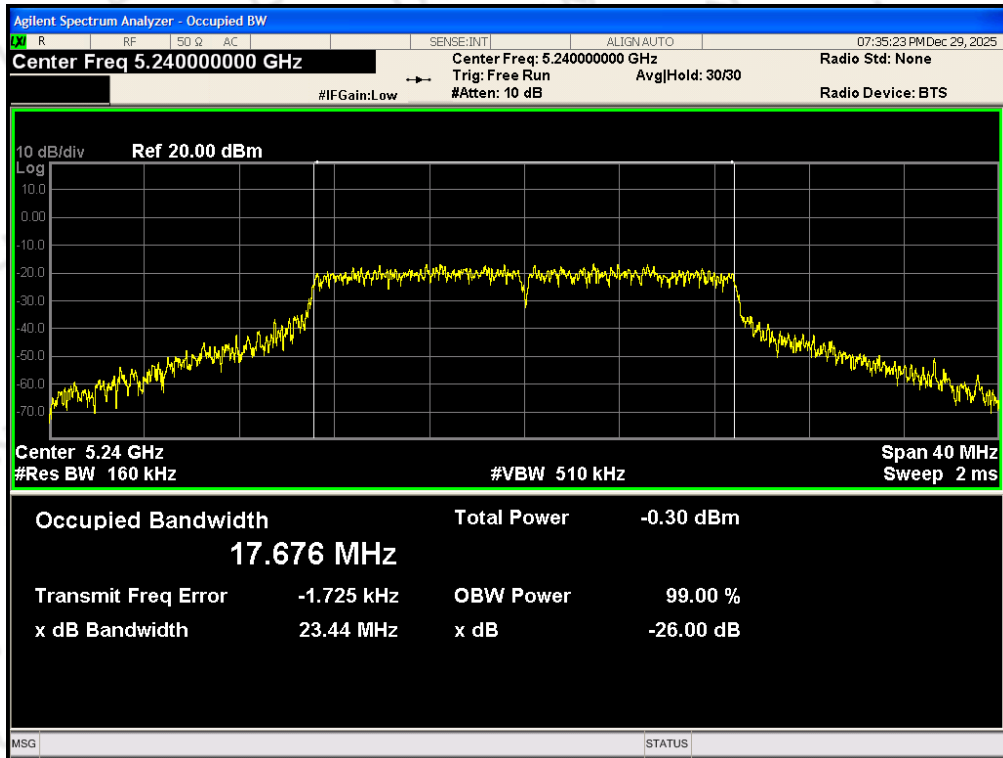
OBW NVNT 802.11n(HT20) 5180MHz Ant1



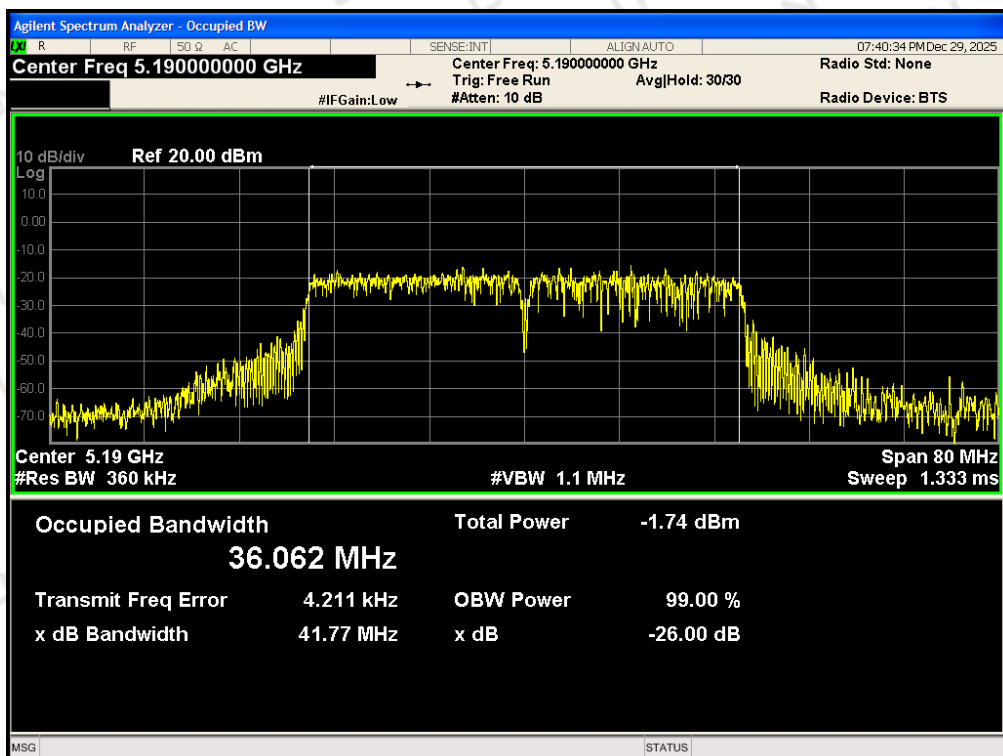
OBW NVNT 802.11n(HT20) 5200MHz Ant1



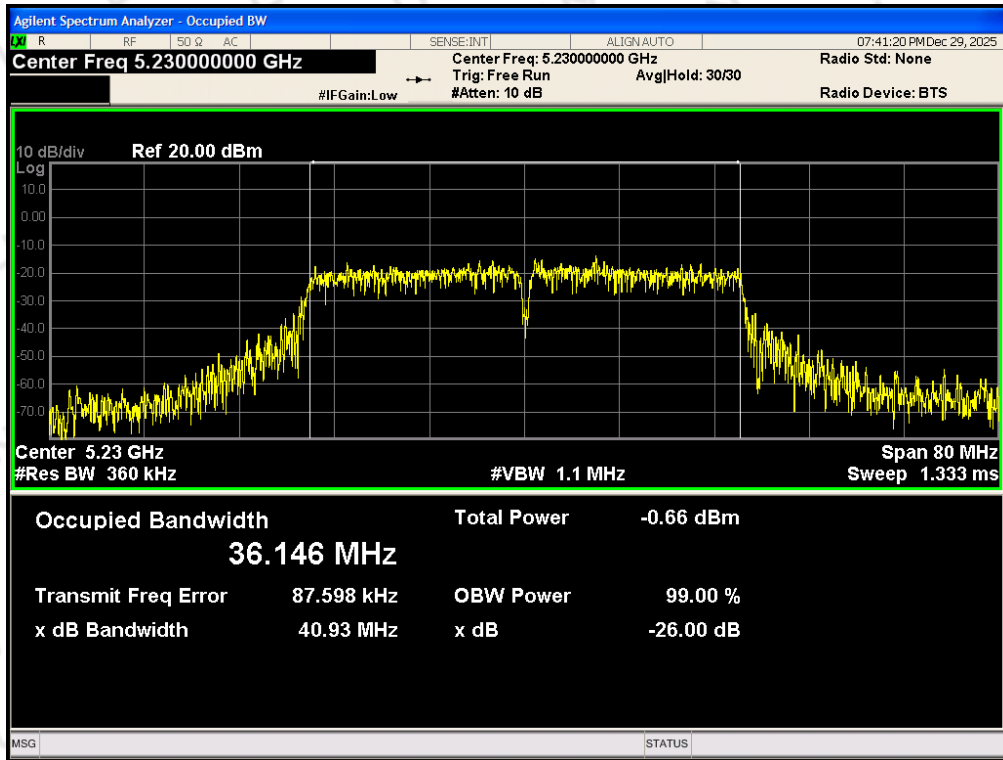
OBW NVNT 802.11n(HT20) 5240MHz Ant1



OBW NVNT 802.11n(HT40) 5190MHz Ant1



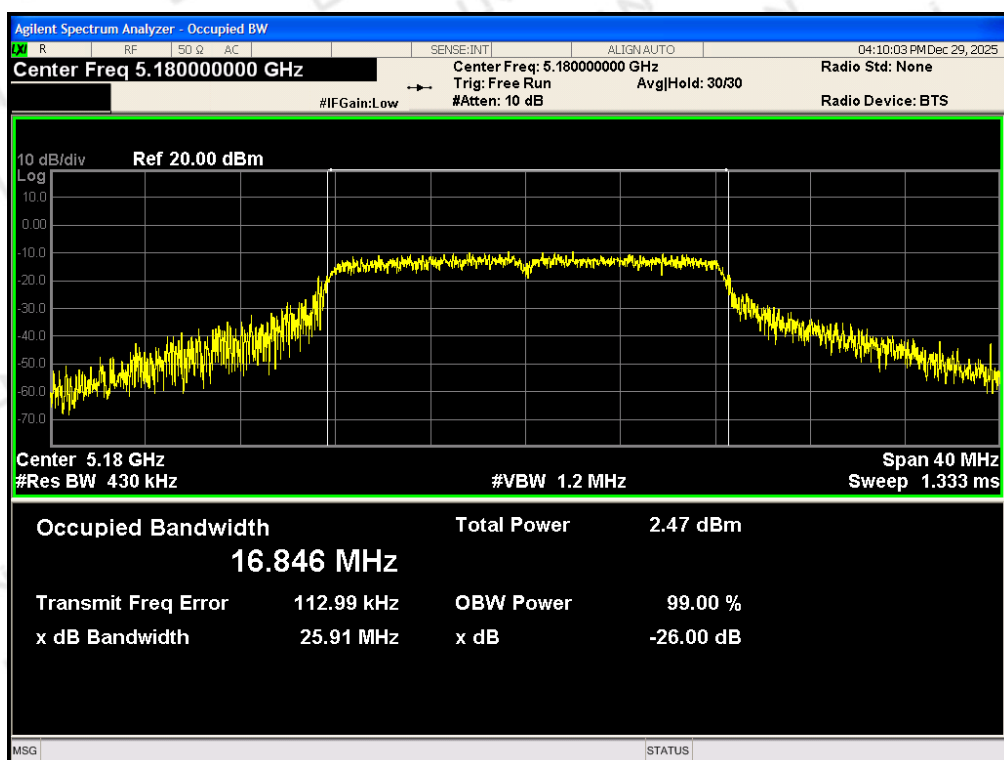
OBW NVNT 802.11n(HT40) 5230MHz Ant1



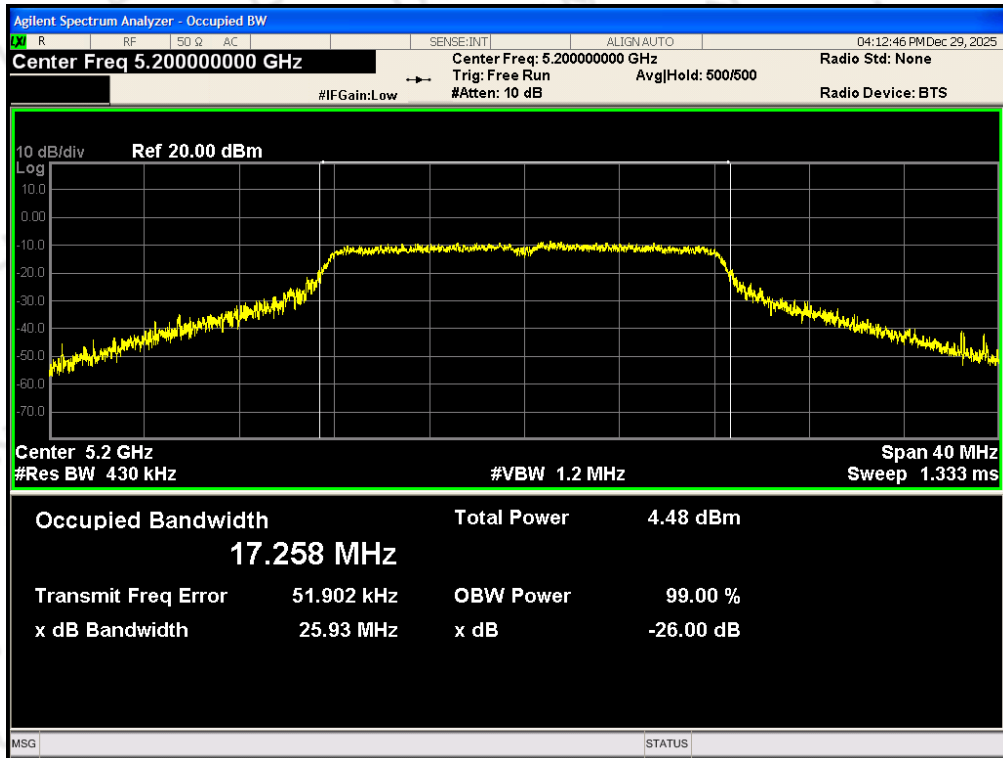
-26 dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5180	Ant 1	25.91	N/A	Pass
NVNT	802.11a	5200	Ant 1	25.93	N/A	Pass
NVNT	802.11a	5240	Ant 1	25.66	N/A	Pass
NVNT	802.11ac20	5180	Ant 1	25.74	N/A	Pass
NVNT	802.11ac20	5200	Ant 1	27.20	N/A	Pass
NVNT	802.11ac20	5240	Ant 1	27.47	N/A	Pass
NVNT	802.11ac40	5190	Ant 1	43.91	N/A	Pass
NVNT	802.11ac40	5230	Ant 1	46.36	N/A	Pass
NVNT	802.11ax20	5180	Ant 1	25.96	N/A	Pass
NVNT	802.11ax20	5200	Ant 1	24.49	N/A	Pass
NVNT	802.11ax20	5240	Ant 1	23.97	N/A	Pass
NVNT	802.11ax40	5190	Ant 1	42.98	N/A	Pass
NVNT	802.11ax40	5230	Ant 1	46.53	N/A	Pass
NVNT	802.11n(HT20)	5180	Ant 1	26.47	N/A	Pass
NVNT	802.11n(HT20)	5200	Ant 1	25.95	N/A	Pass
NVNT	802.11n(HT20)	5240	Ant 1	26.15	N/A	Pass
NVNT	802.11n(HT40)	5190	Ant 1	44.56	N/A	Pass
NVNT	802.11n(HT40)	5230	Ant 1	46.30	N/A	Pass

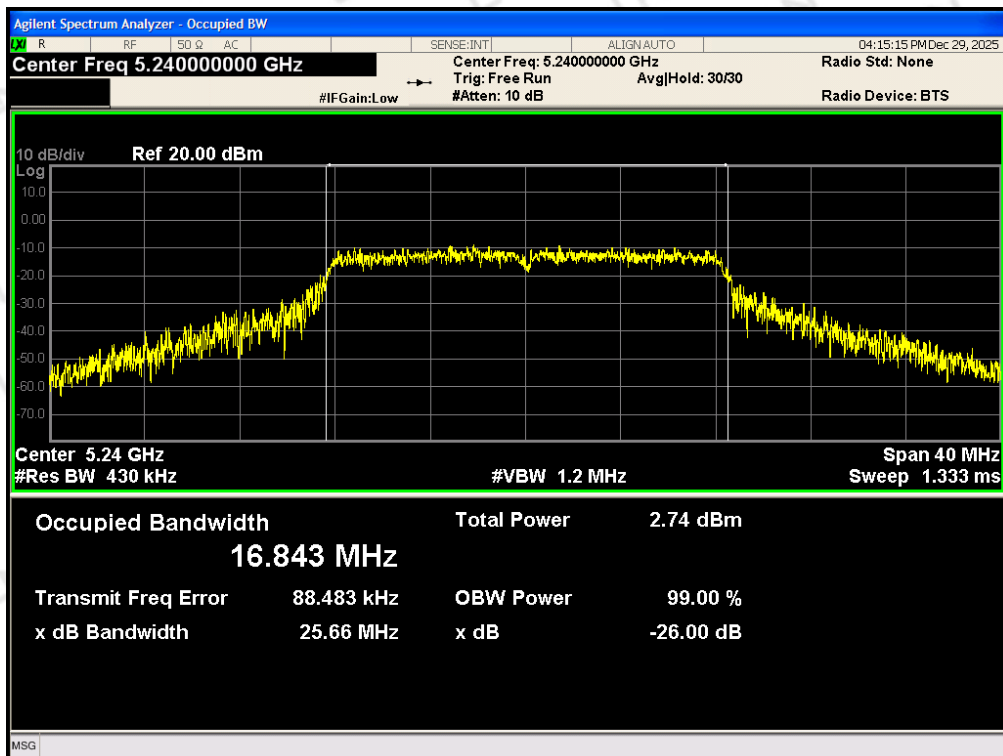
NVNT 802.11a 5180MHz Ant1



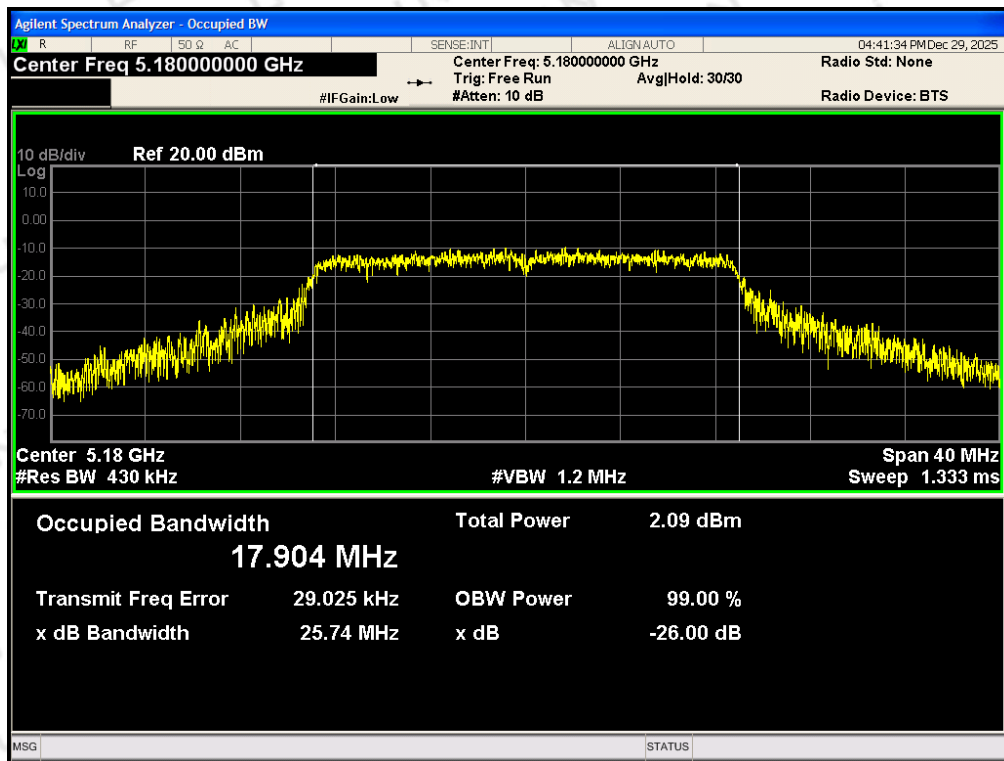
NVNT 802.11a 5200MHz Ant1



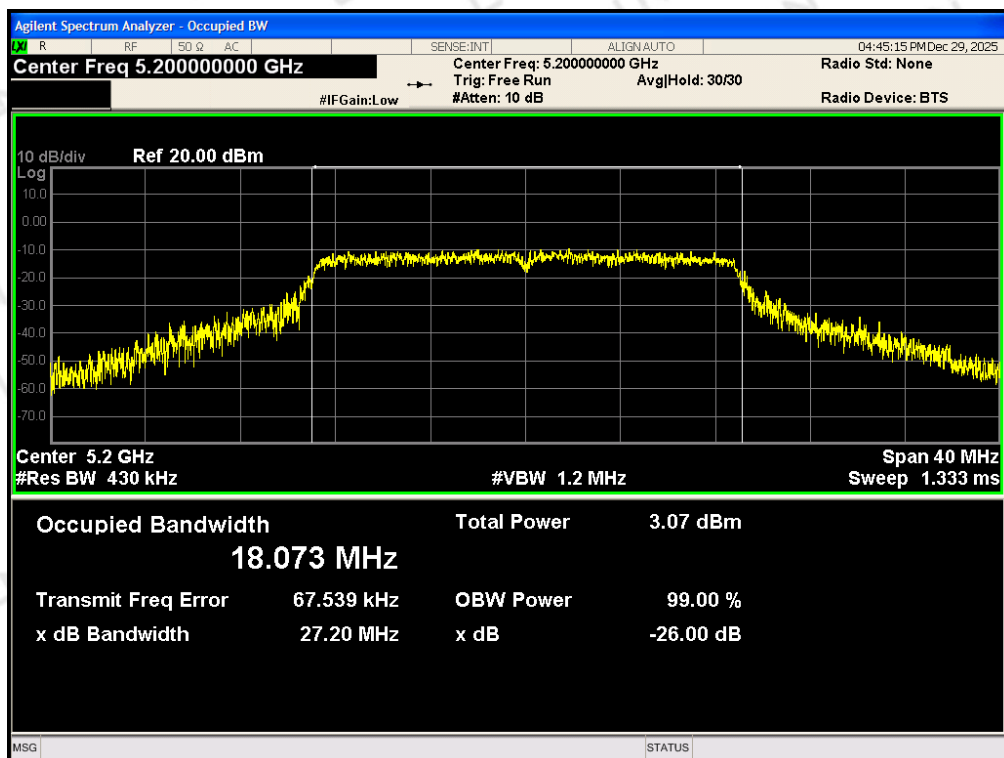
NVNT 802.11a 5240MHz Ant1



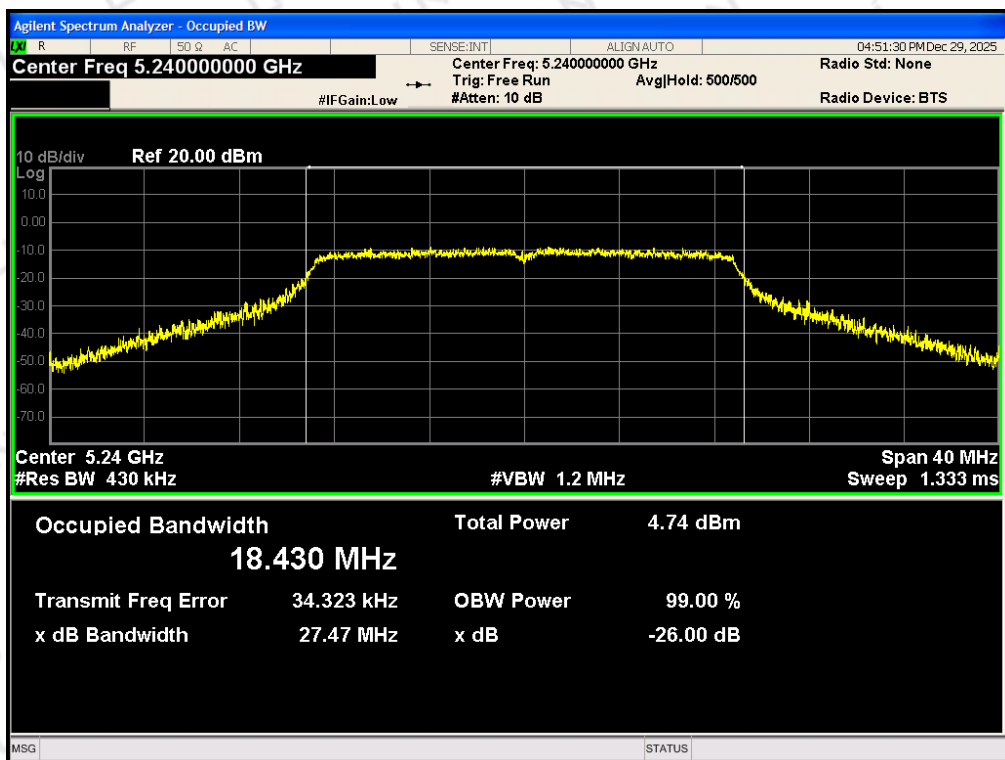
NVNT 802.11ac20 5180MHz Ant1



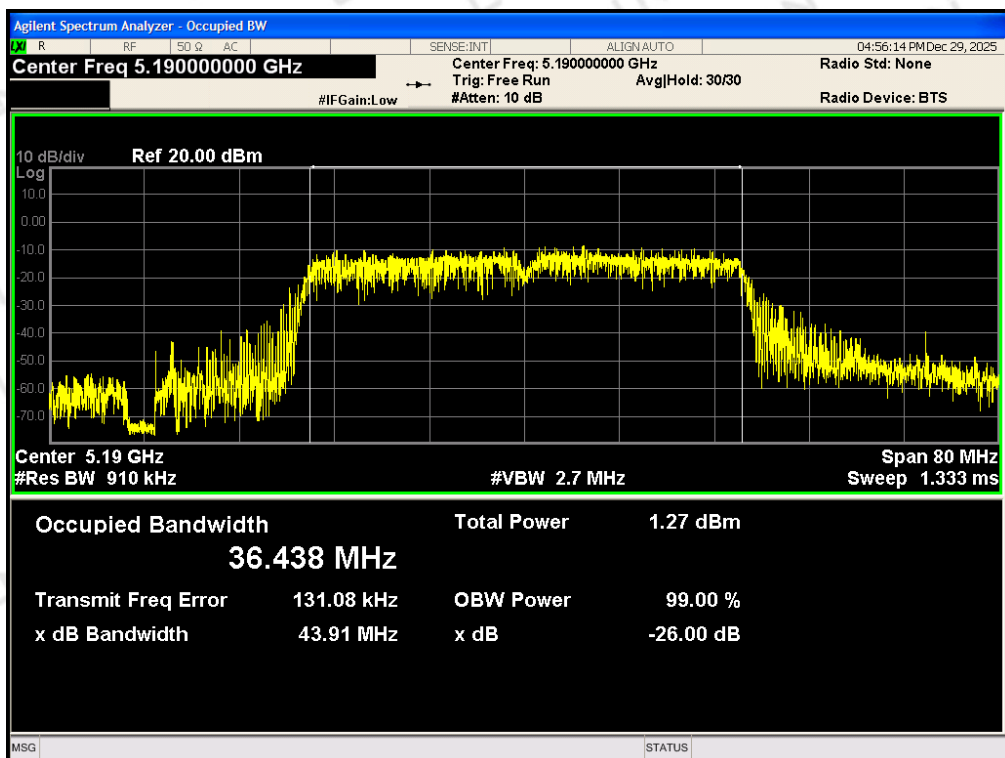
NVNT 802.11ac20 5200MHz Ant1



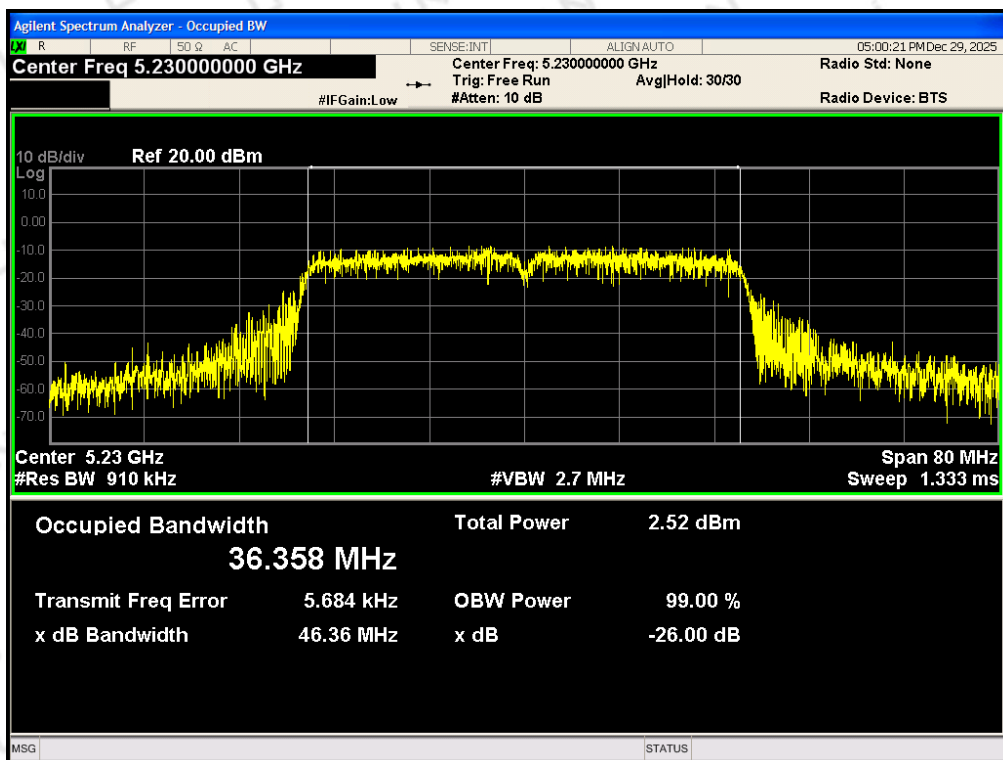
NVNT 802.11ac20 5240MHz Ant1



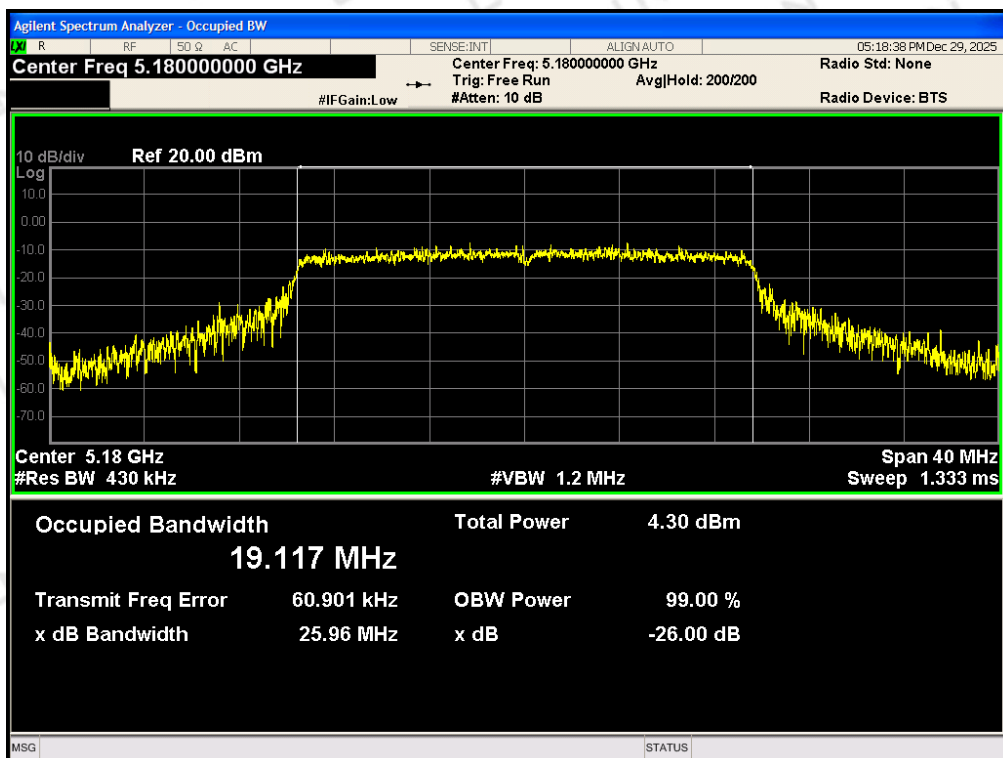
NVNT 802.11ac40 5190MHz Ant1



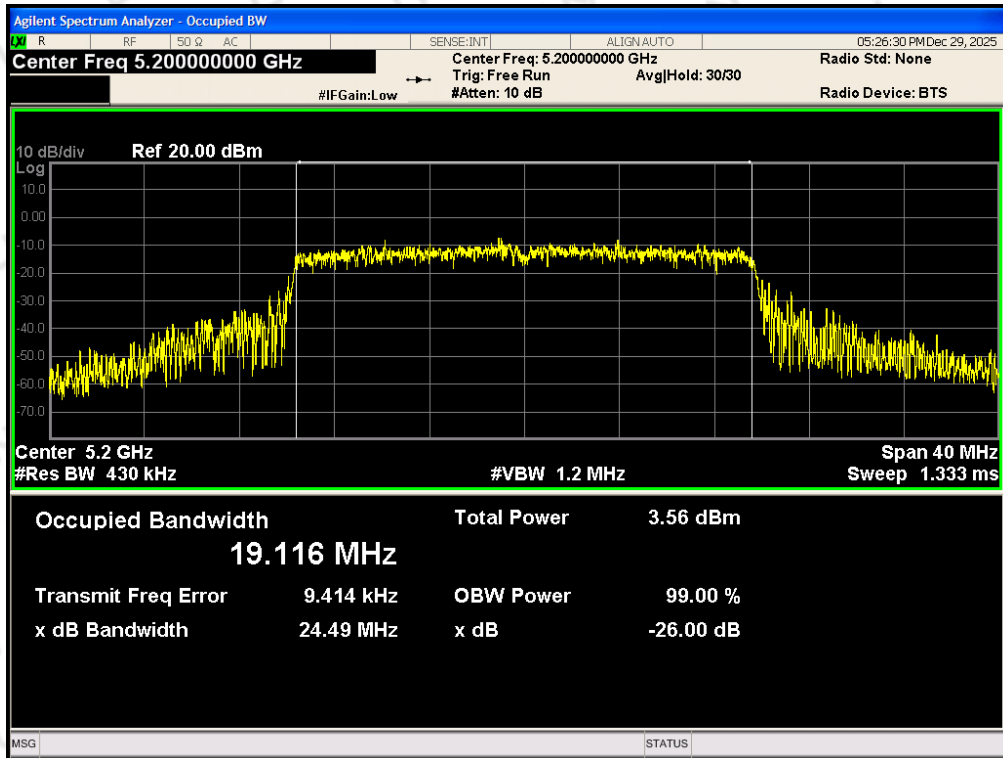
NVNT 802.11ac40 5230MHz Ant1



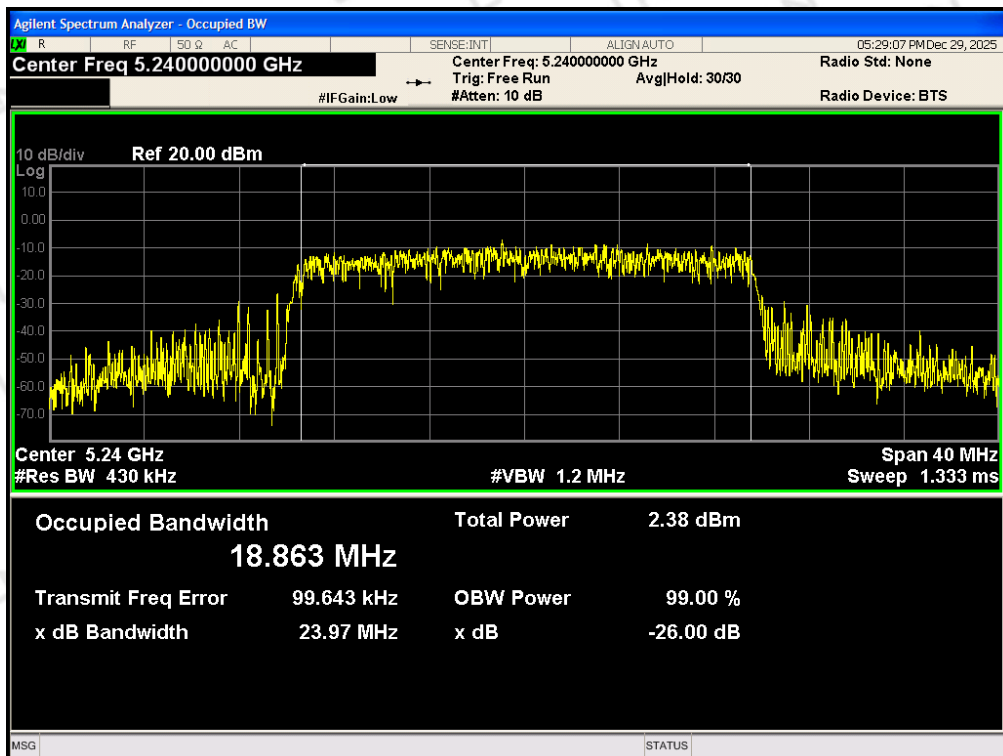
NVNT 802.11ax20 5180MHz Ant1



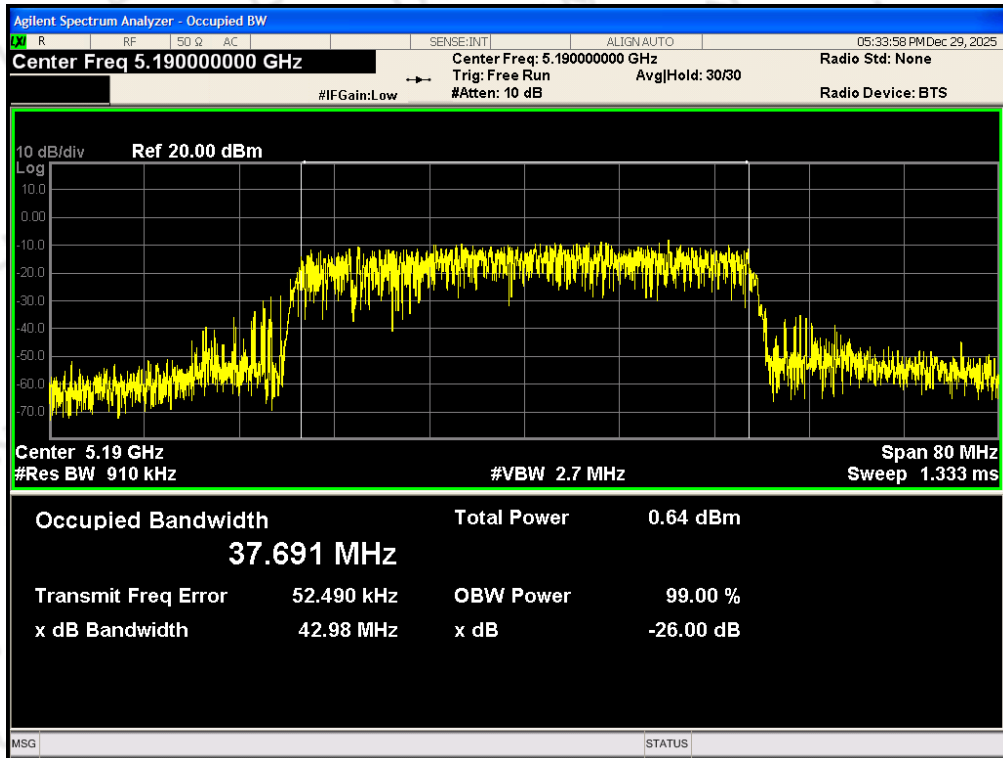
NVNT 802.11ax20 5200MHz Ant1



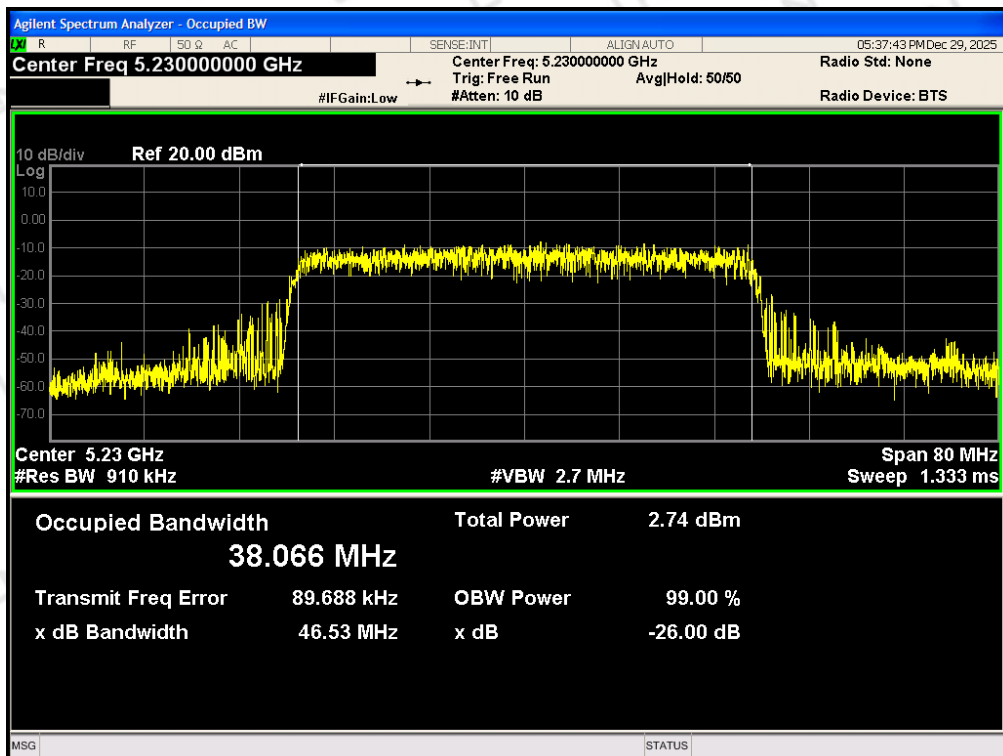
NVNT 802.11ax20 5240MHz Ant1



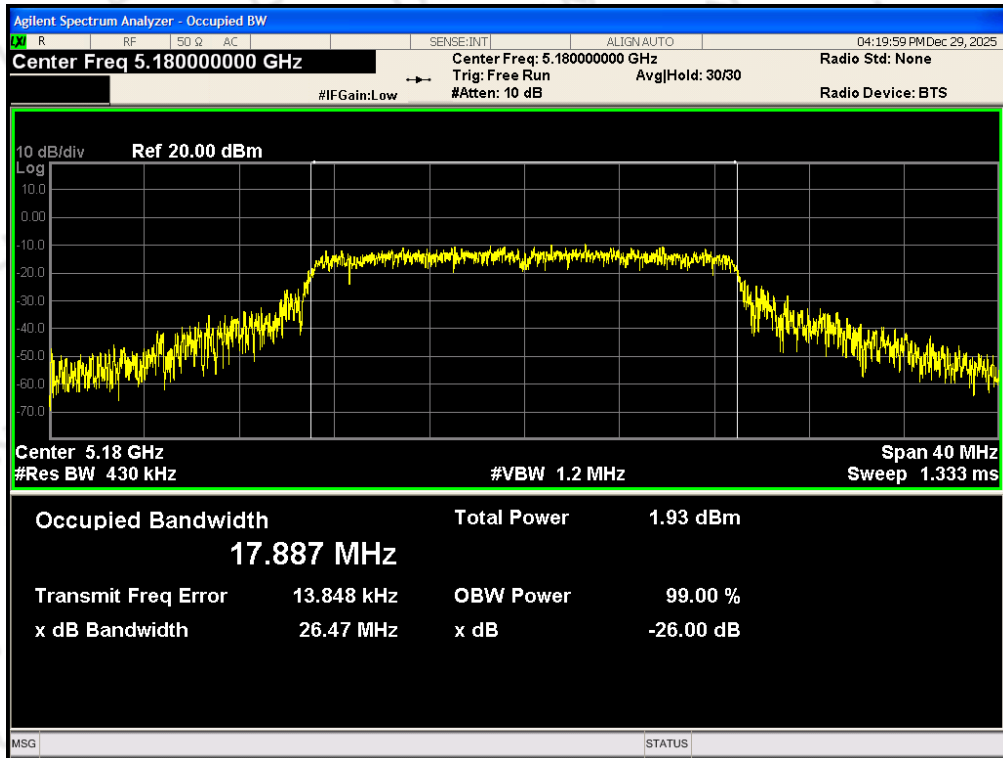
NVNT 802.11ax40 5190MHz Ant1



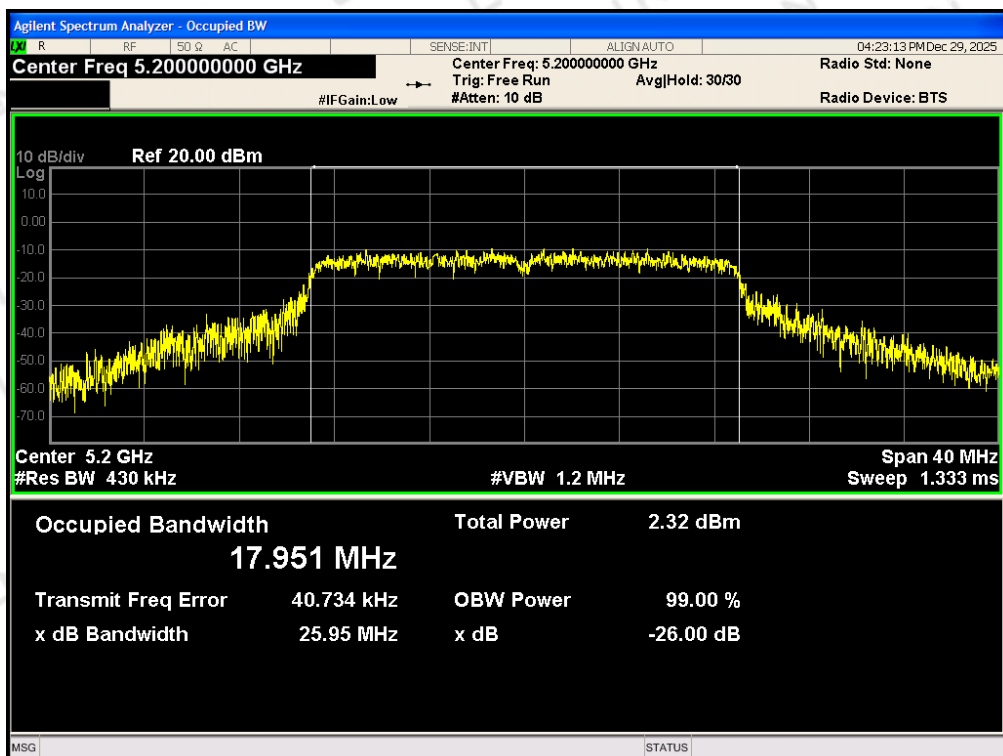
NVNT 802.11ax40 5230MHz Ant1



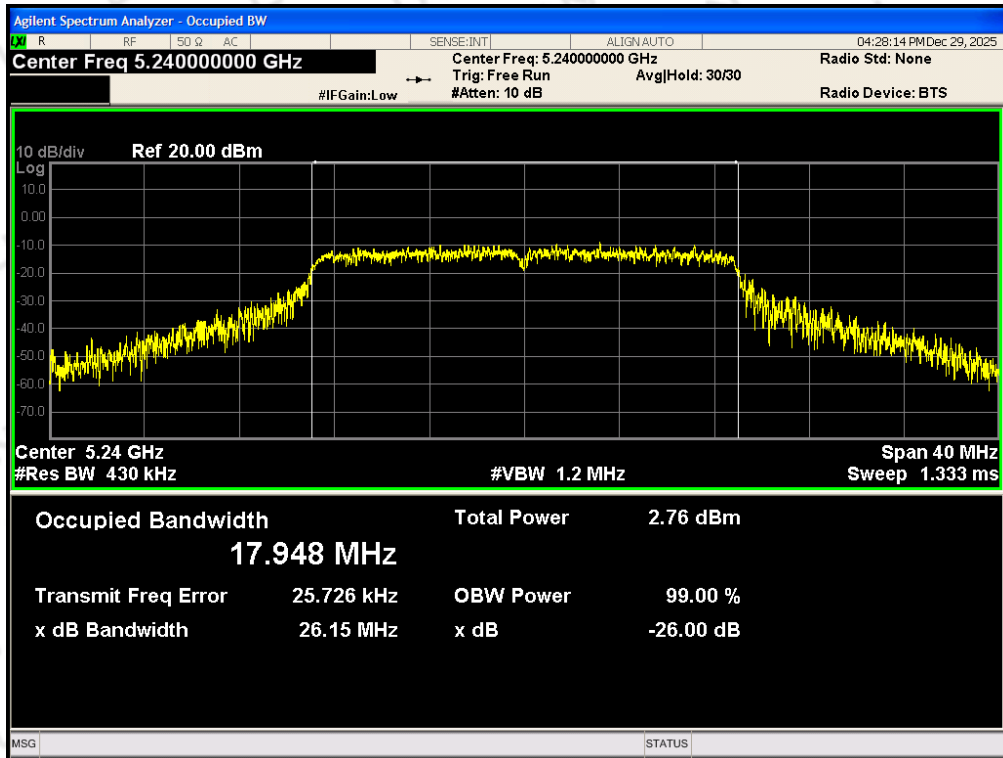
NVNT 802.11n(HT20) 5180MHz Ant1



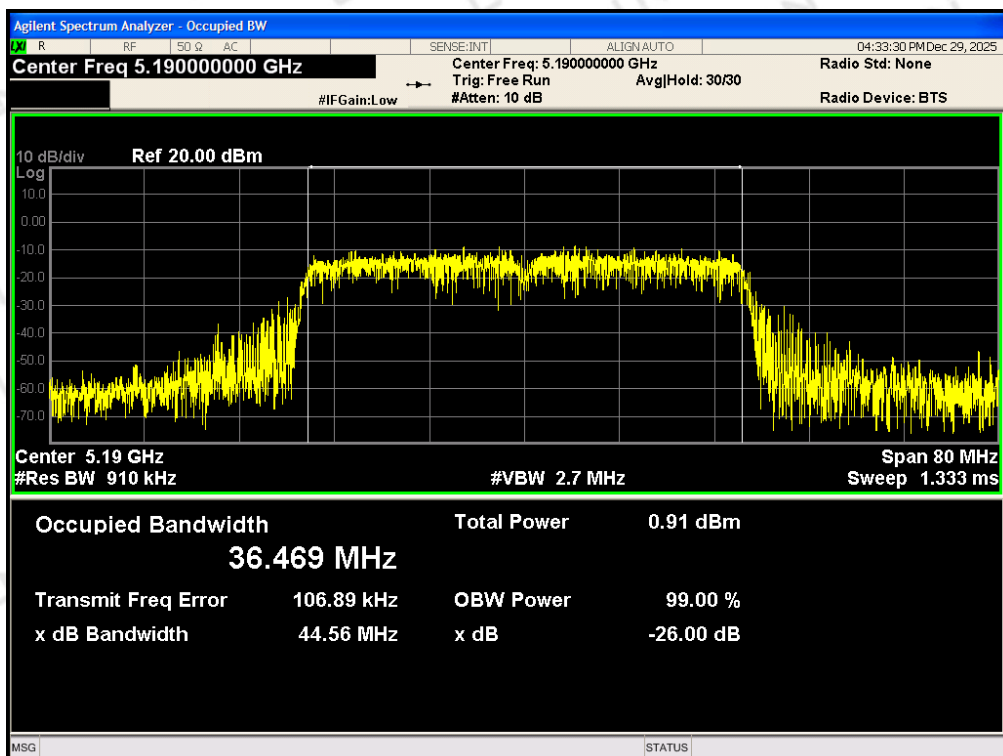
NVNT 802.11n(HT20) 5200MHz Ant1



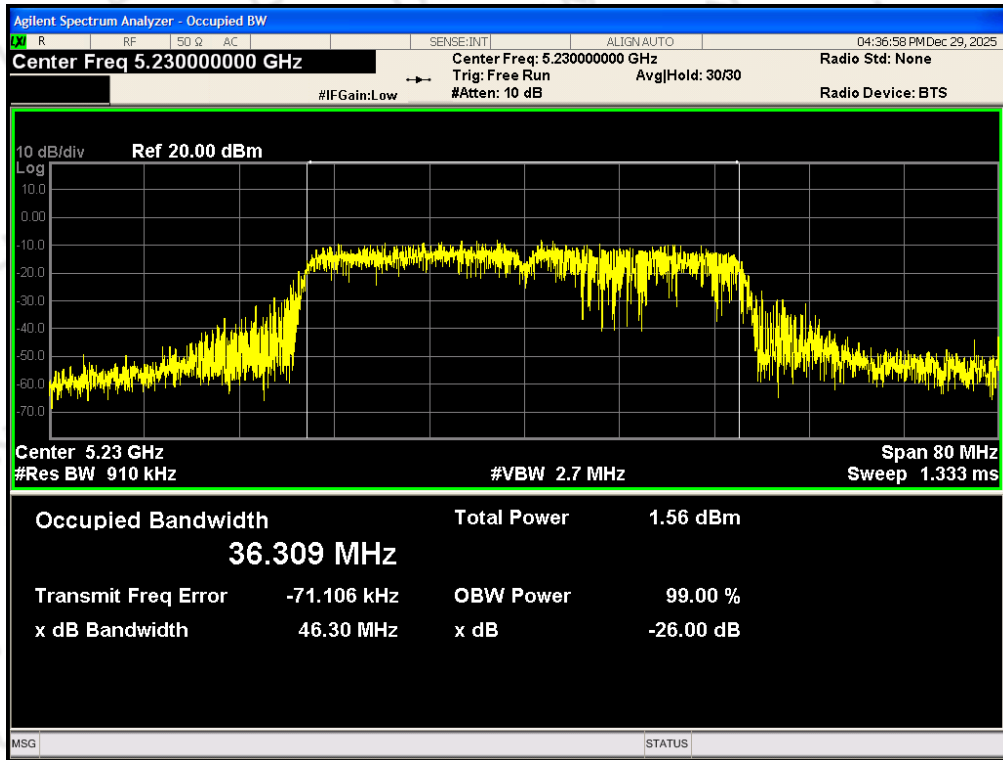
NVNT 802.11n(HT20) 5240MHz Ant1



NVNT 802.11n(HT40) 5190MHz Ant1



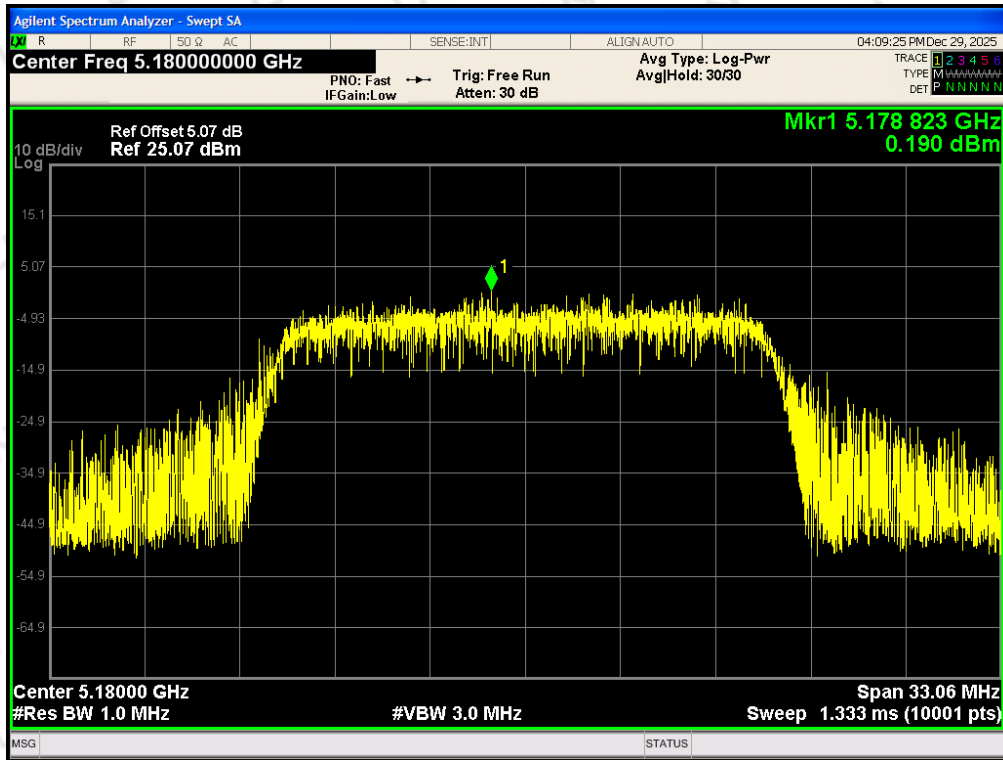
NVNT 802.11n(HT40) 5230MHz Ant1



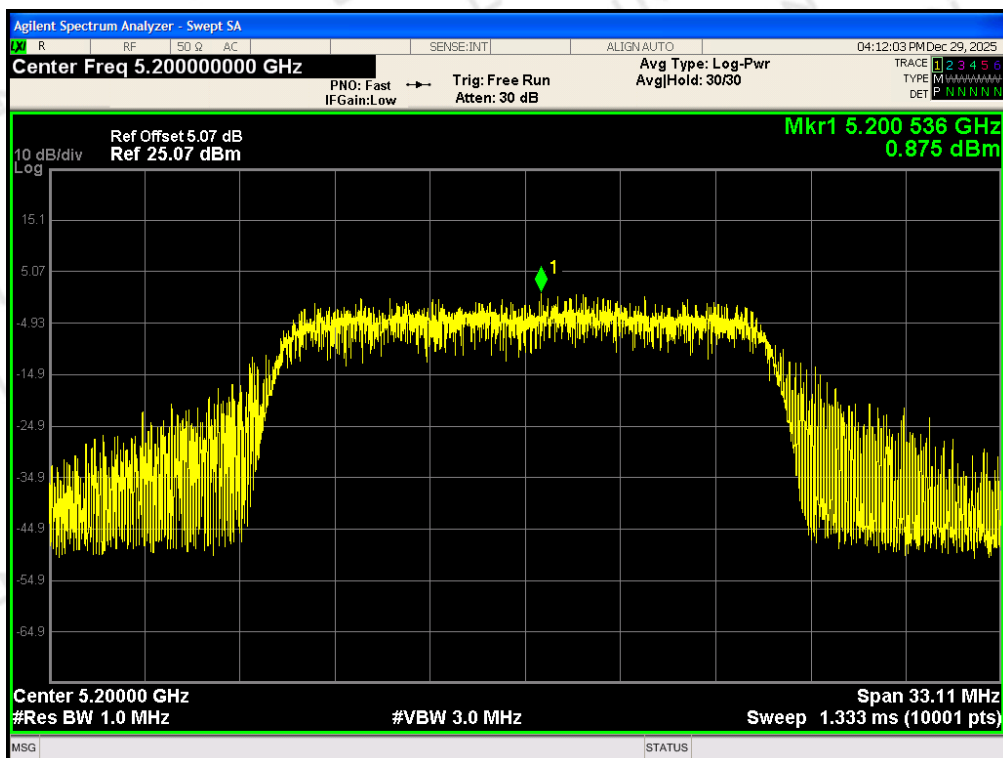
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	0.19	7.28	7.47	11	Pass
NVNT	802.11a	5200	Ant 1	0.875	7.3	8.175	11	Pass
NVNT	802.11a	5240	Ant 1	0.681	7.38	8.061	11	Pass
NVNT	802.11ac20	5180	Ant 1	-0.071	7.52	7.449	11	Pass
NVNT	802.11ac20	5200	Ant 1	0.452	7.54	7.992	11	Pass
NVNT	802.11ac20	5240	Ant 1	0.757	7.52	8.277	11	Pass
NVNT	802.11ac40	5190	Ant 1	-2.785	10.4	7.615	11	Pass
NVNT	802.11ac40	5230	Ant 1	-2.2	10.22	8.02	11	Pass
NVNT	802.11ax20	5180	Ant 1	0.109	8.51	8.619	11	Pass
NVNT	802.11ax20	5200	Ant 1	1.978	8.49	10.468	11	Pass
NVNT	802.11ax20	5240	Ant 1	0.35	8.49	8.84	11	Pass
NVNT	802.11ax40	5190	Ant 1	-0.182	11.06	10.878	11	Pass
NVNT	802.11ax40	5230	Ant 1	-0.773	11.06	10.287	11	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-0.209	7.54	7.331	11	Pass
NVNT	802.11n(HT20)	5200	Ant 1	0.341	7.52	7.861	11	Pass
NVNT	802.11n(HT20)	5240	Ant 1	0.513	7.62	8.133	11	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-2.856	10.24	7.384	11	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-1.917	10.22	8.303	11	Pass

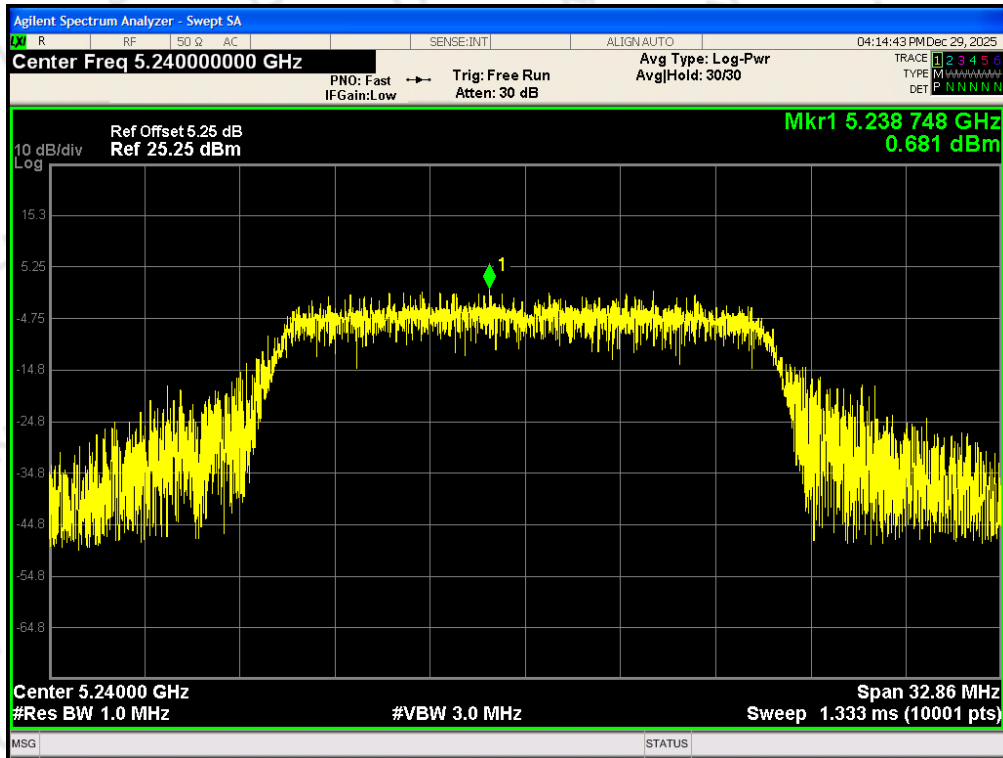
PSD NVNT 802.11a 5180MHz Ant1



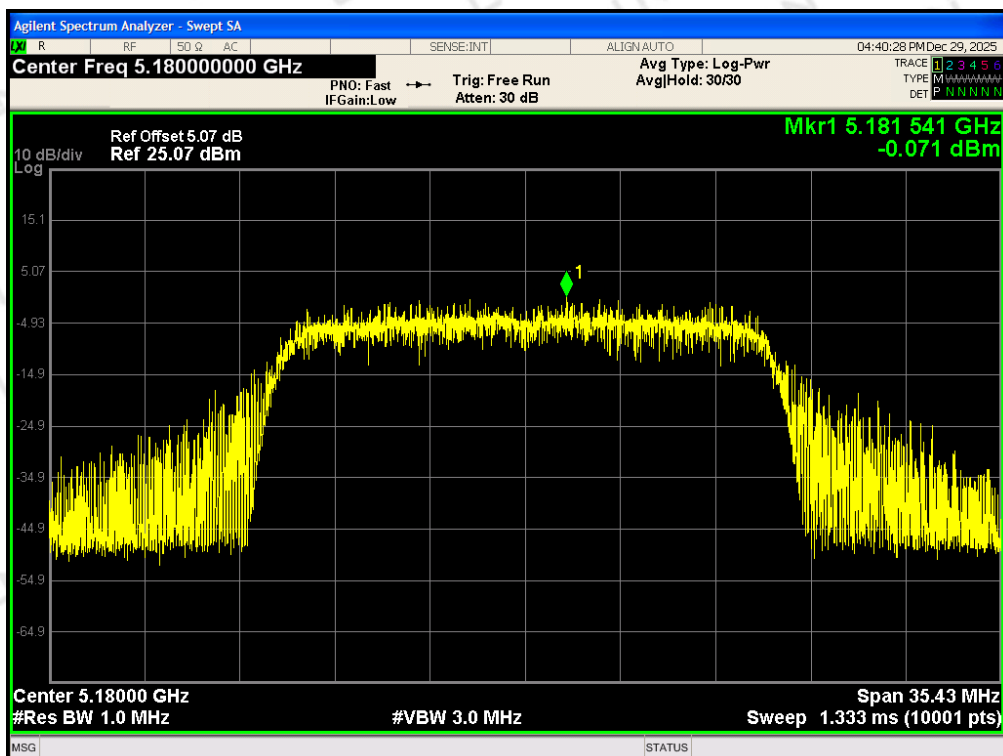
PSD NVNT 802.11a 5200MHz Ant1



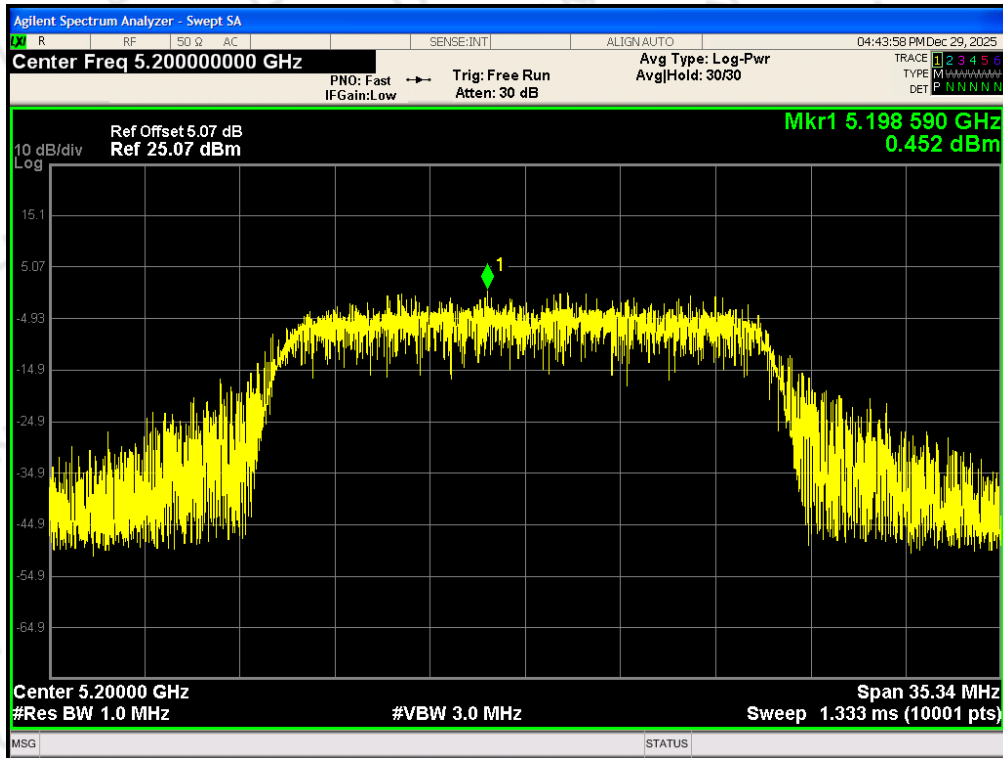
PSD NVNT 802.11a 5240MHz Ant1



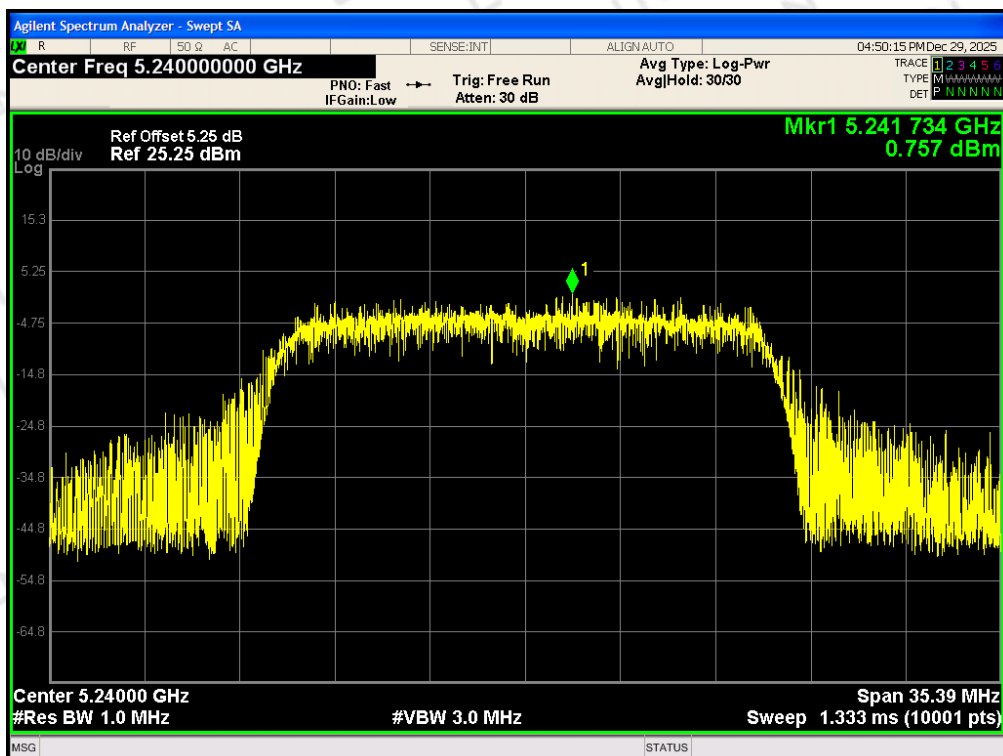
PSD NVNT 802.11ac20 5180MHz Ant1



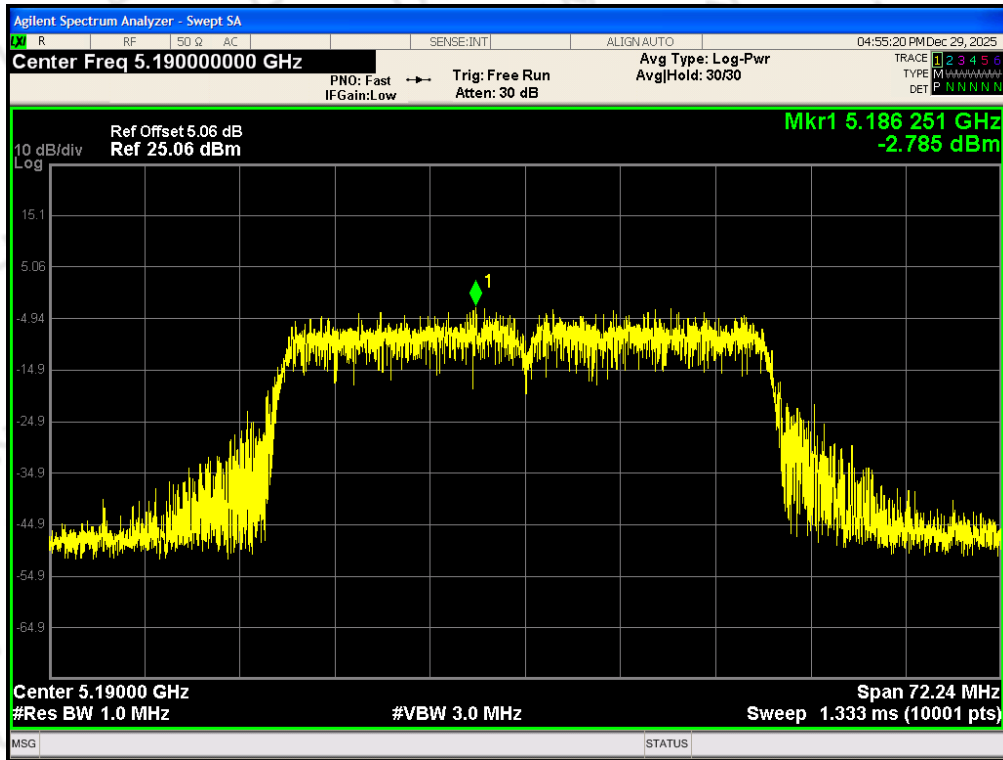
PSD NVNT 802.11ac20 5200MHz Ant1



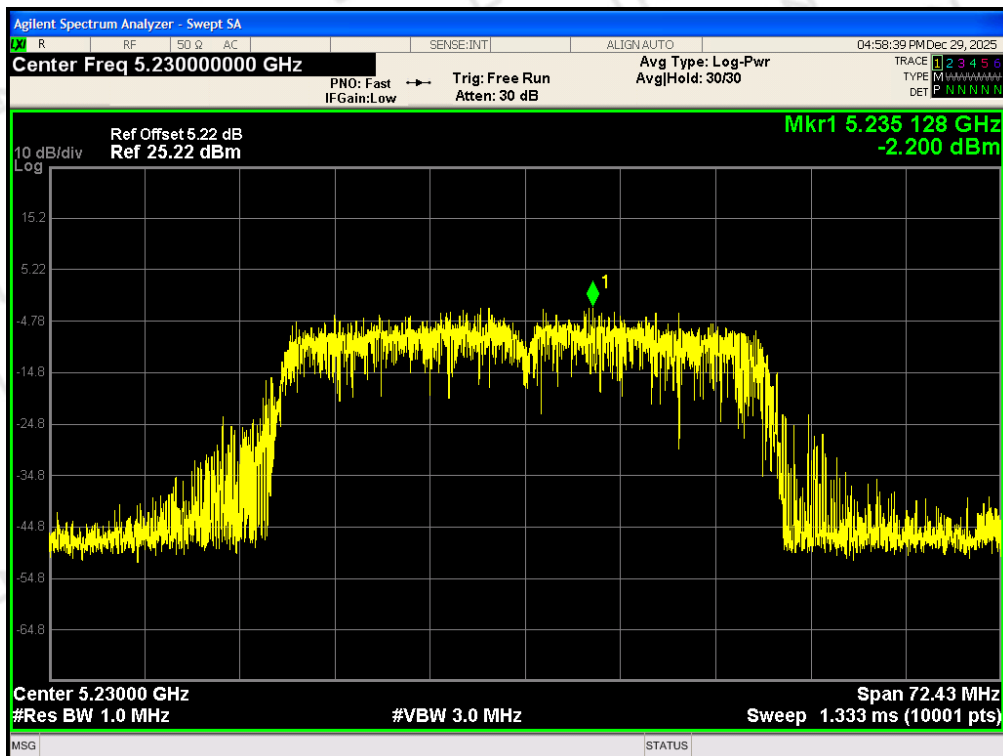
PSD NVNT 802.11ac20 5240MHz Ant1



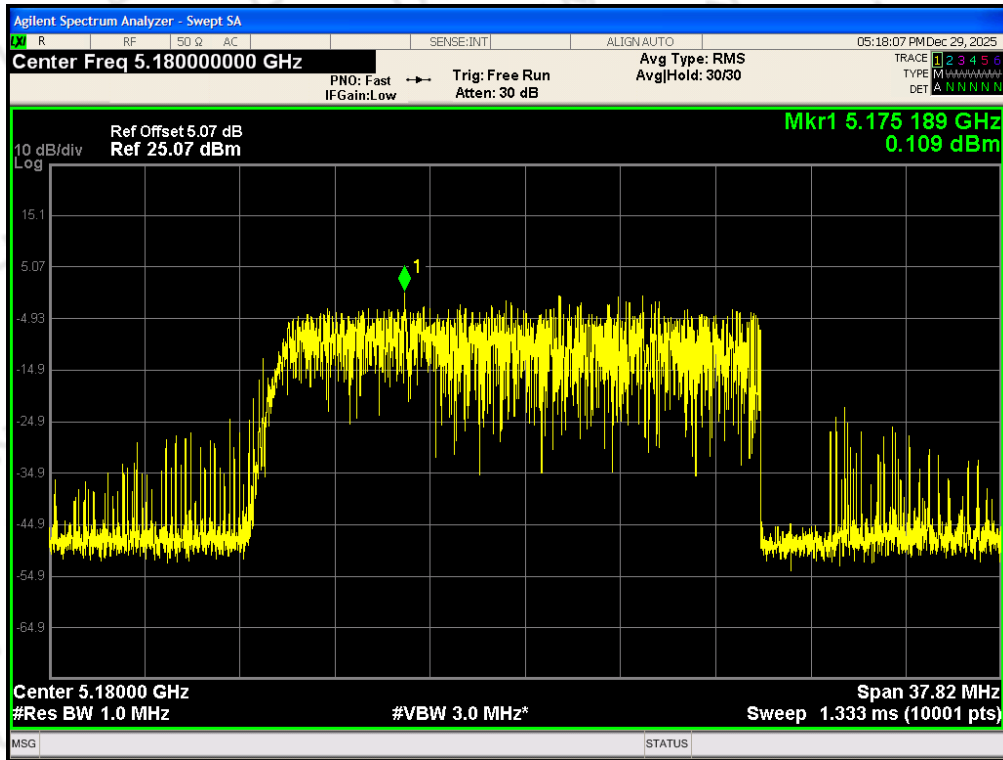
PSD NVNT 802.11ac40 5190MHz Ant1



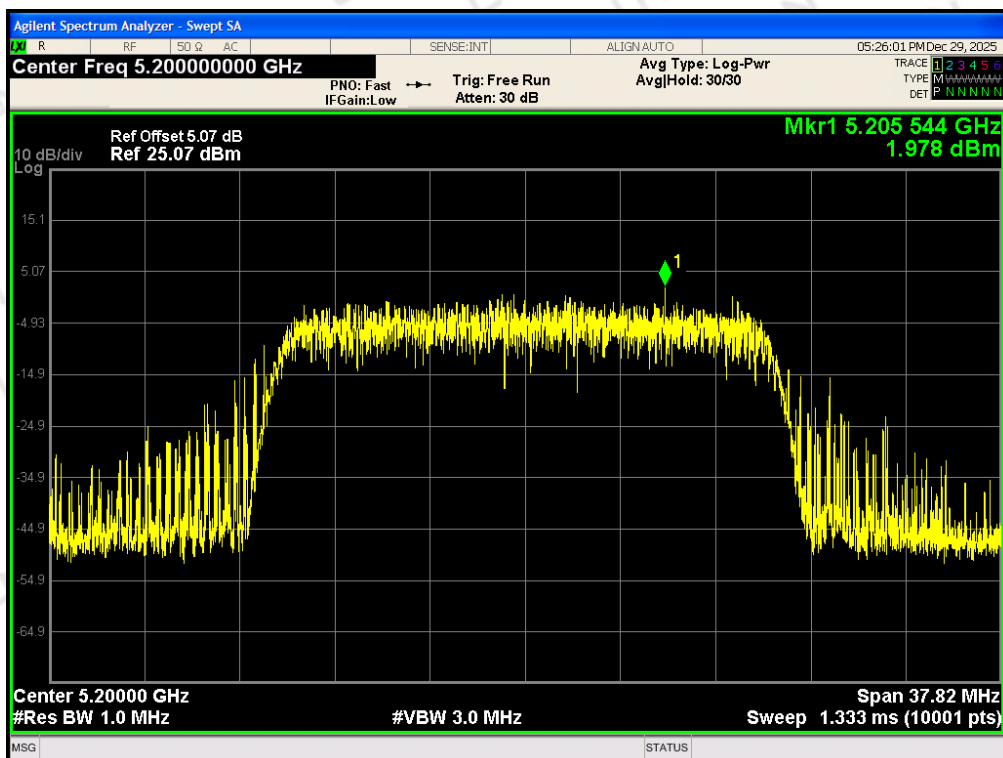
PSD NVNT 802.11ac40 5230MHz Ant1



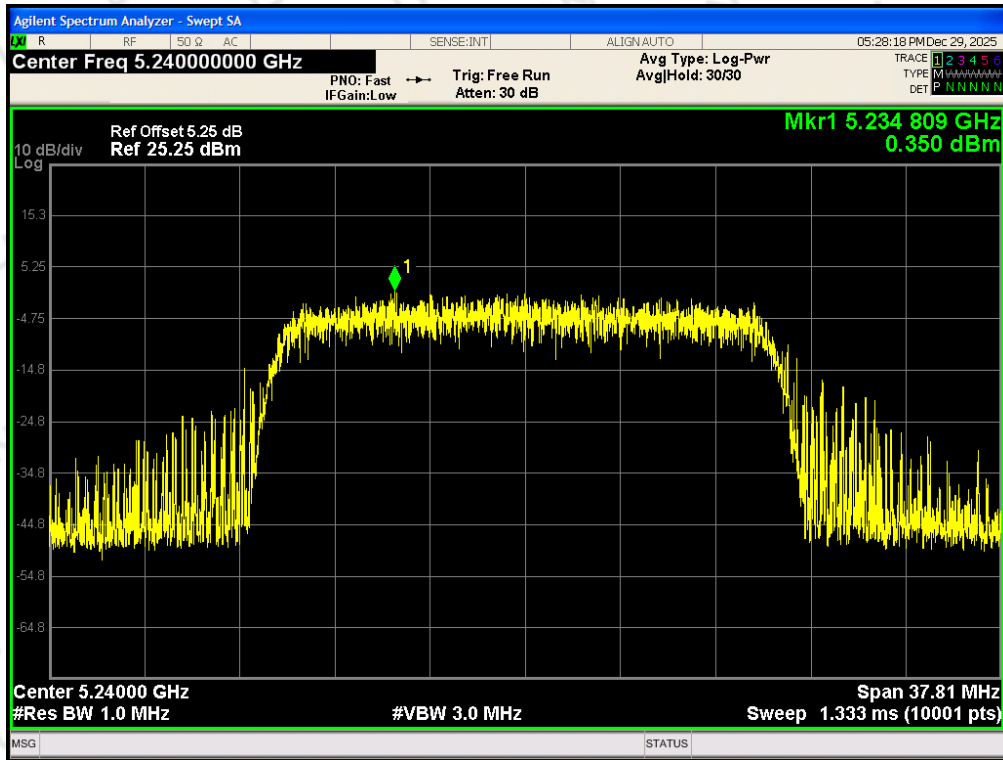
PSD NVNT 802.11ax20 5180MHz Ant1



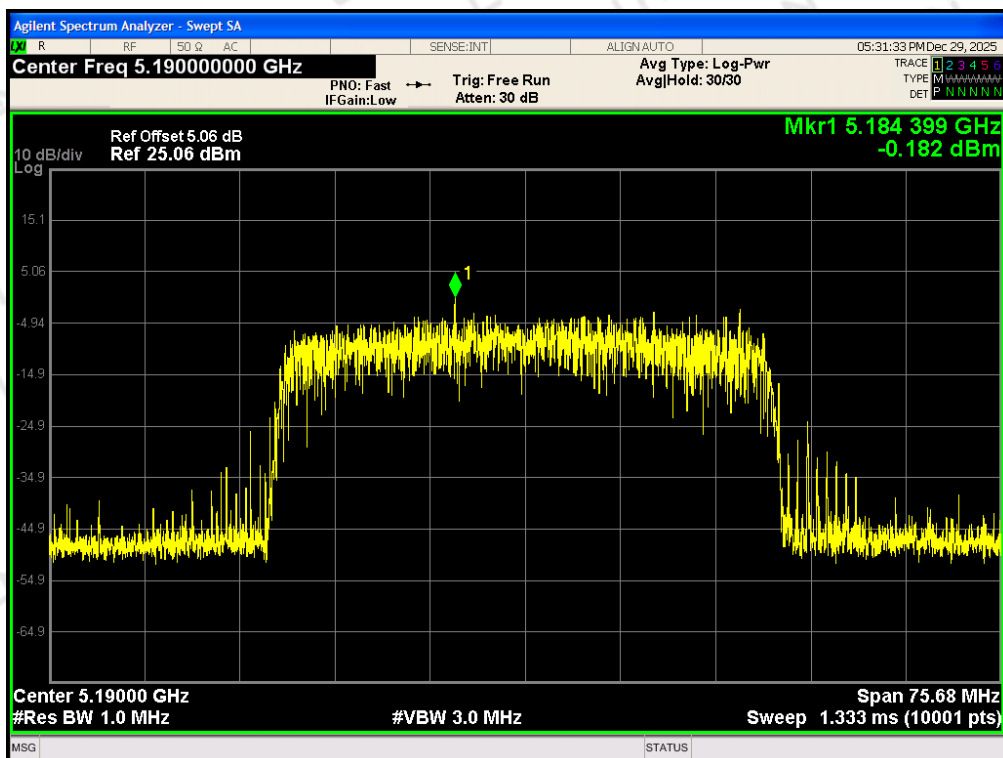
PSD NVNT 802.11ax20 5200MHz Ant1



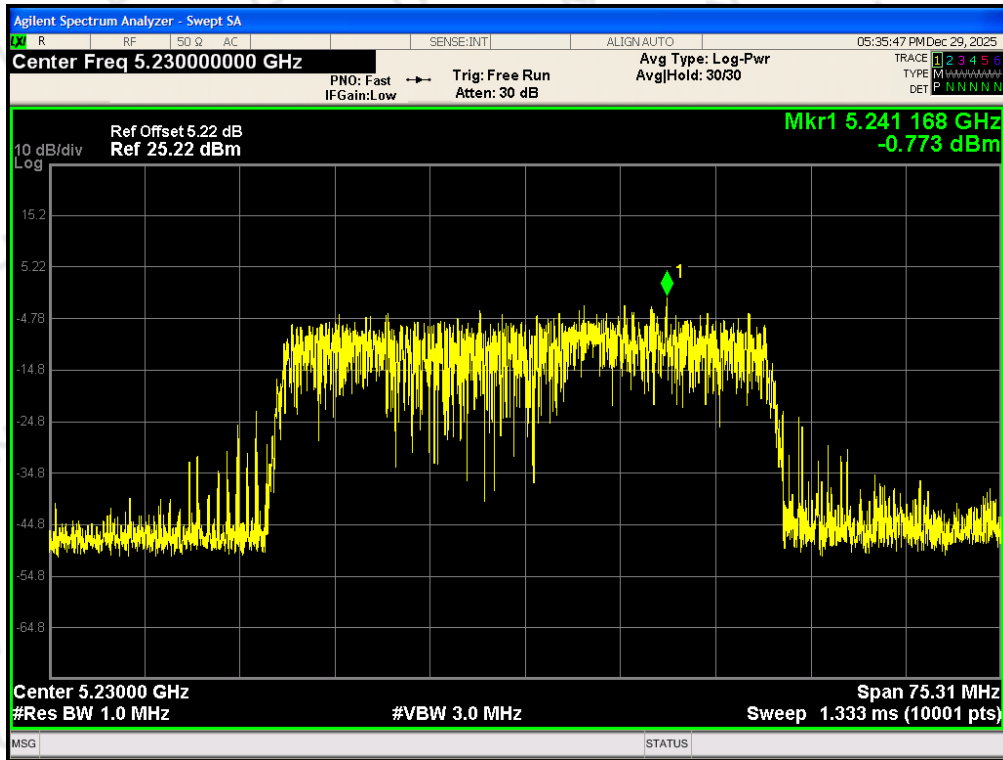
PSD NVNT 802.11ax20 5240MHz Ant1



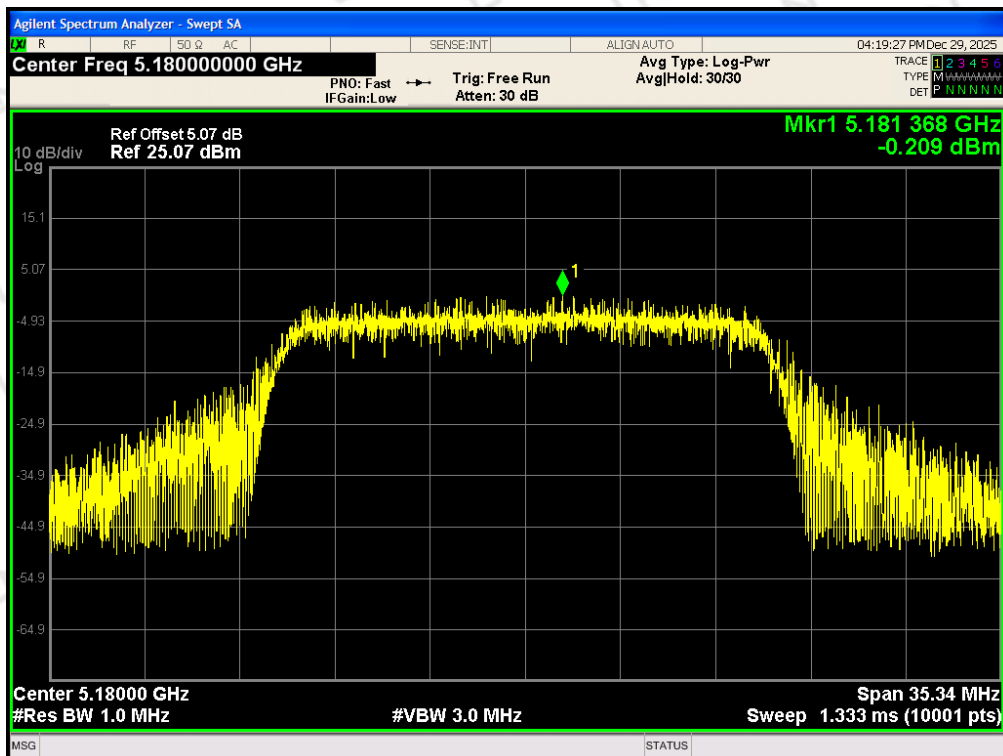
PSD NVNT 802.11ax40 5190MHz Ant1



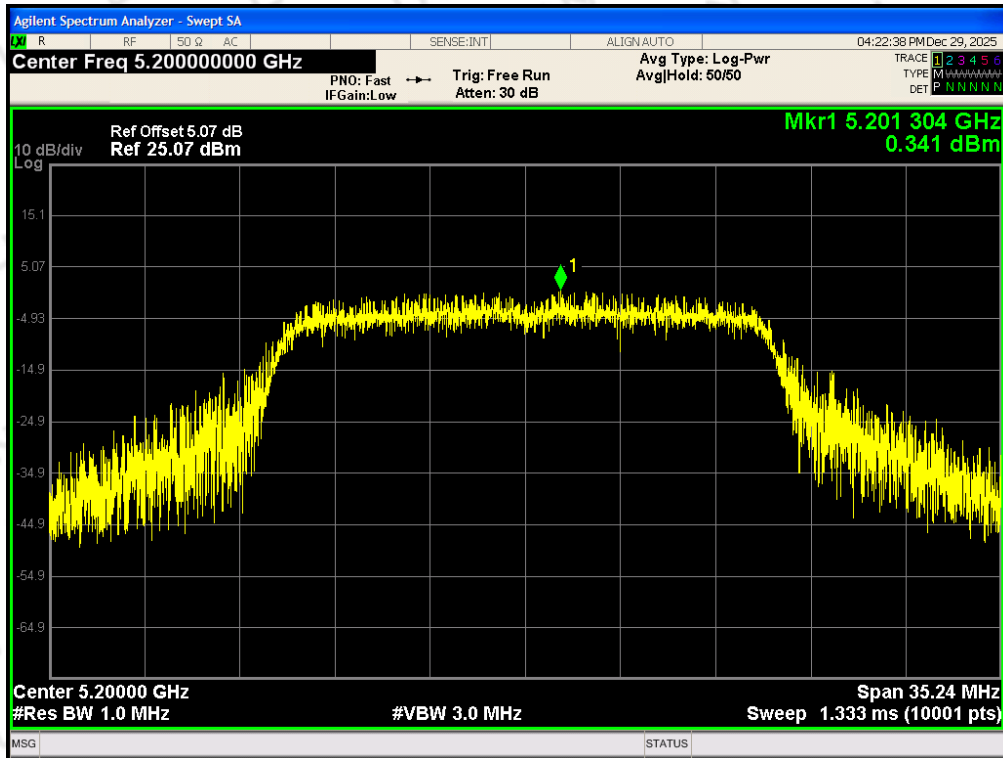
PSD NVNT 802.11ax40 5230MHz Ant1



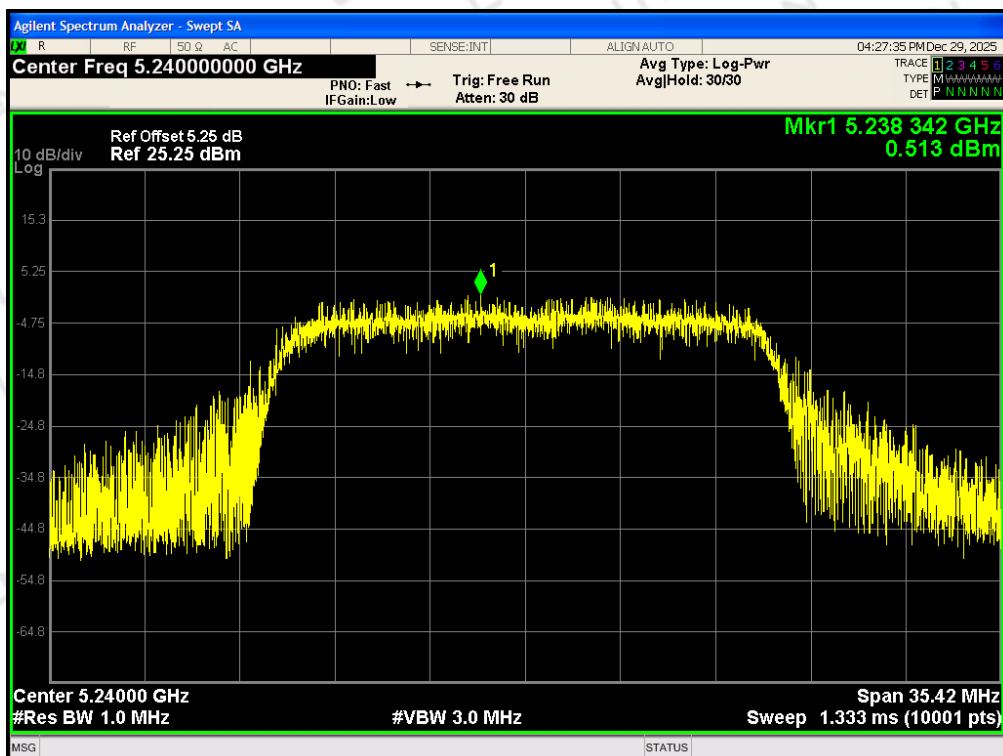
PSD NVNT 802.11n(HT20) 5180MHz Ant1



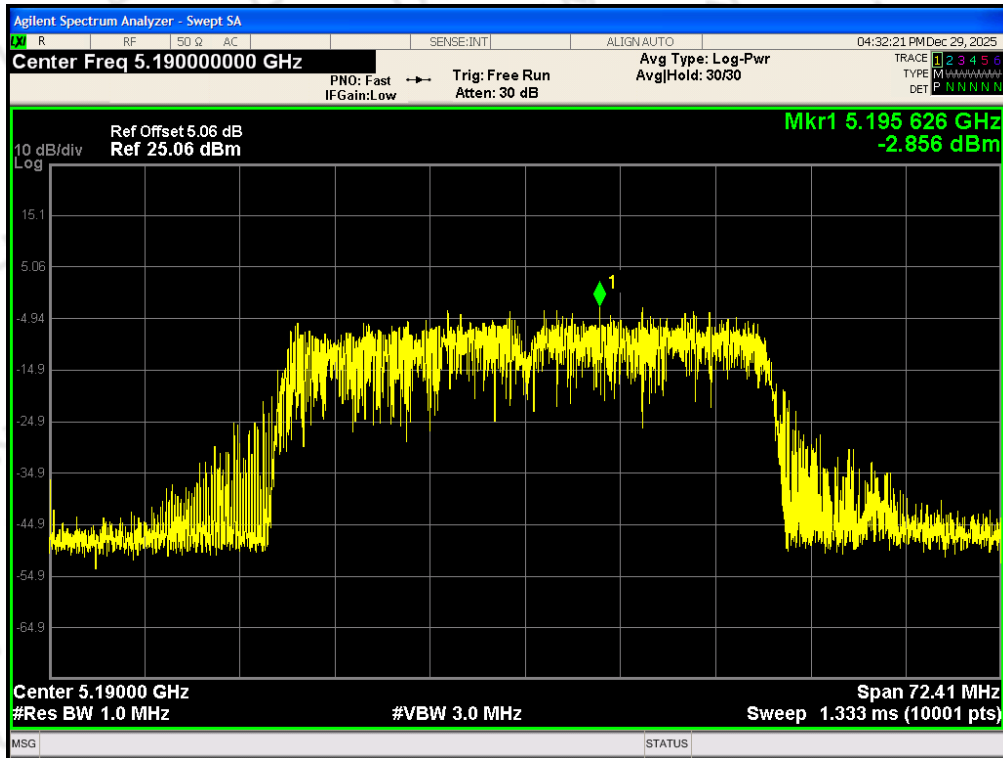
PSD NVNT 802.11n(HT20) 5200MHz Ant1



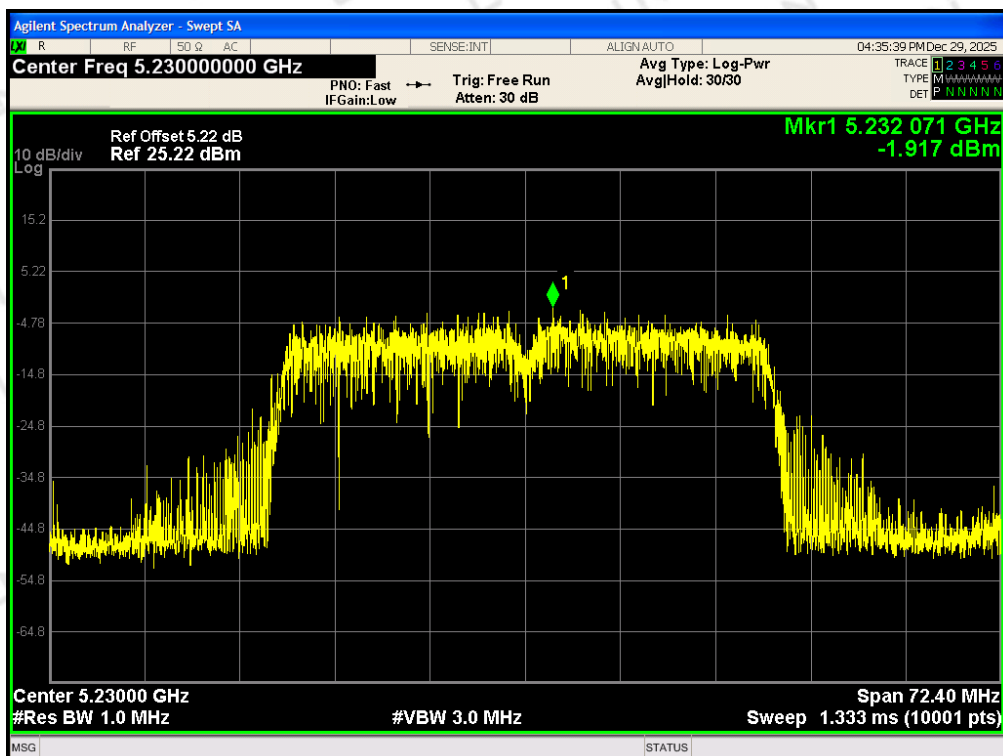
PSD NVNT 802.11n(HT20) 5240MHz Ant1



PSD NVNT 802.11n(HT40) 5190MHz Ant1



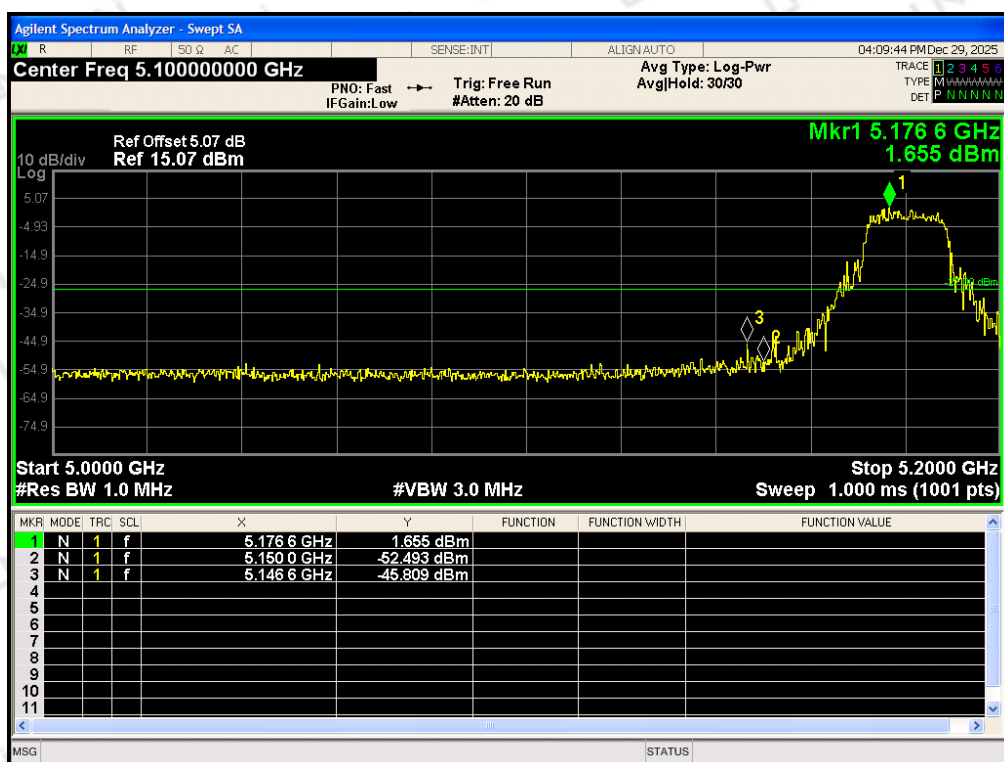
PSD NVNT 802.11n(HT40) 5230MHz Ant1



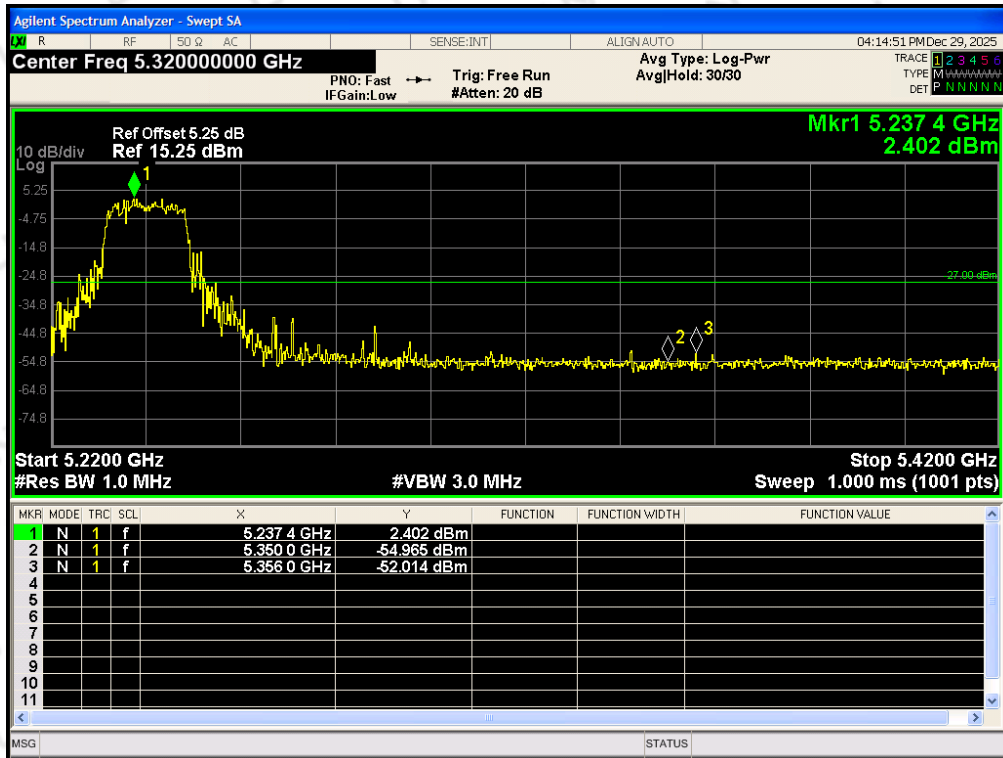
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	-45.8	-27	Pass
NVNT	802.11a	5240	Ant 1	-52.01	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-46.19	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-51.74	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-39.21	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-51.96	-27	Pass
NVNT	802.11ax20	5180	Ant 1	-41.44	-27	Pass
NVNT	802.11ax20	5240	Ant 1	-51.92	-27	Pass
NVNT	802.11ax40	5190	Ant 1	-47.14	-27	Pass
NVNT	802.11ax40	5230	Ant 1	-52.38	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-42.55	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-52.4	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-45.79	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-52.07	-27	Pass

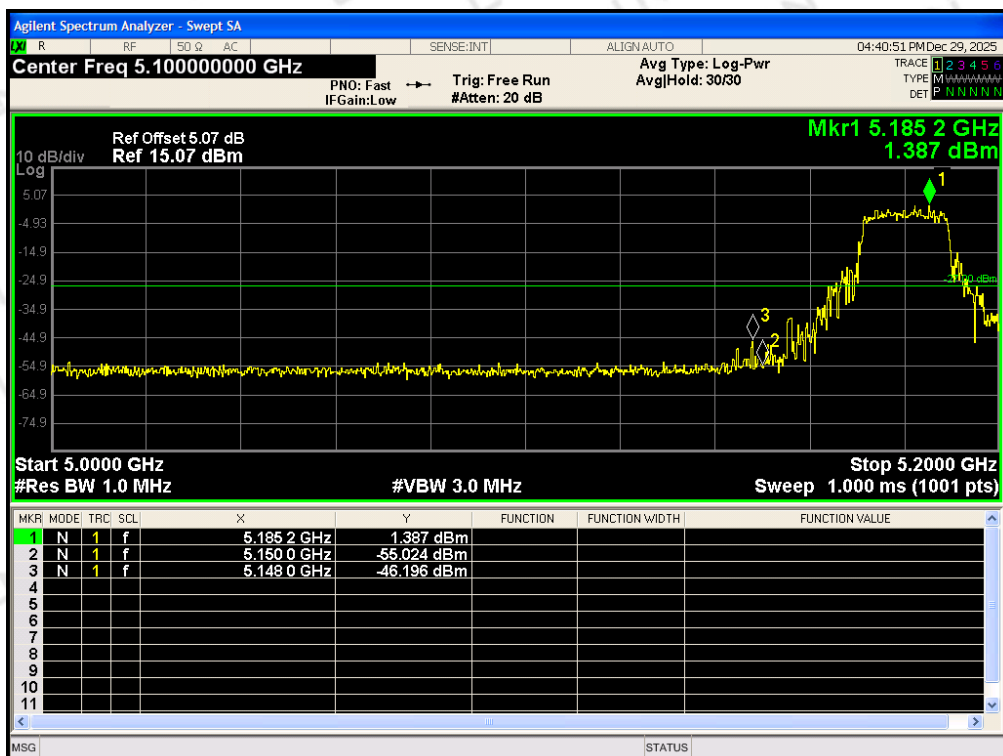
Band Edge NVNT 802.11a 5180MHz Ant1



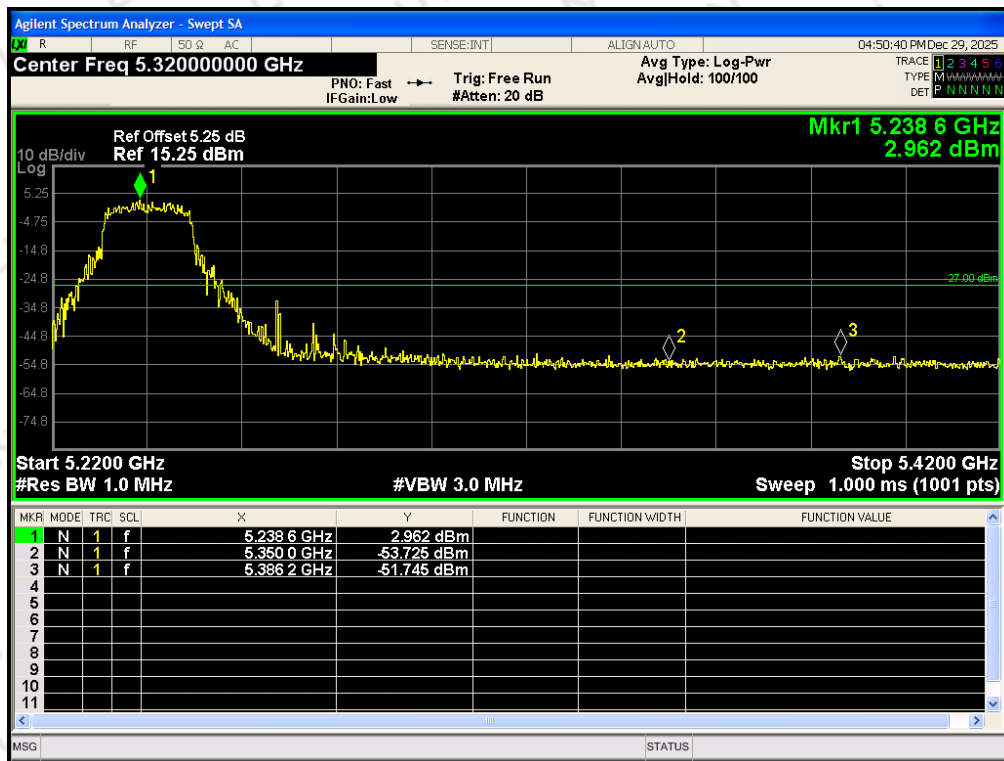
Band Edge NVNT 802.11a 5240MHz Ant1



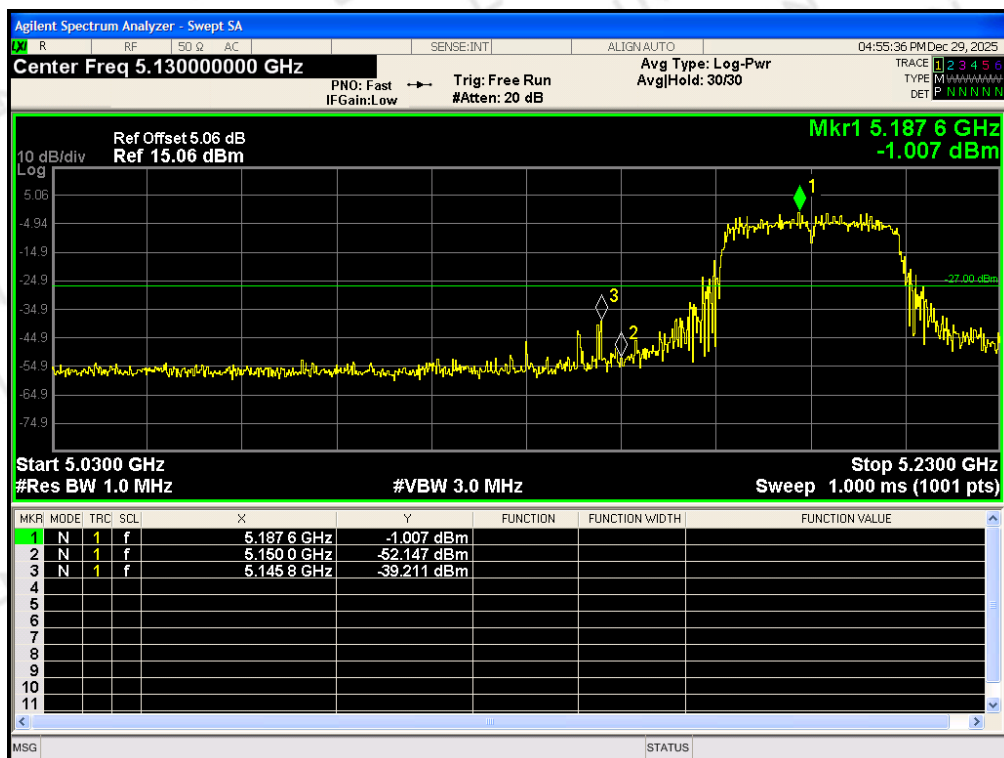
Band Edge NVNT 802.11ac20 5180MHz Ant1



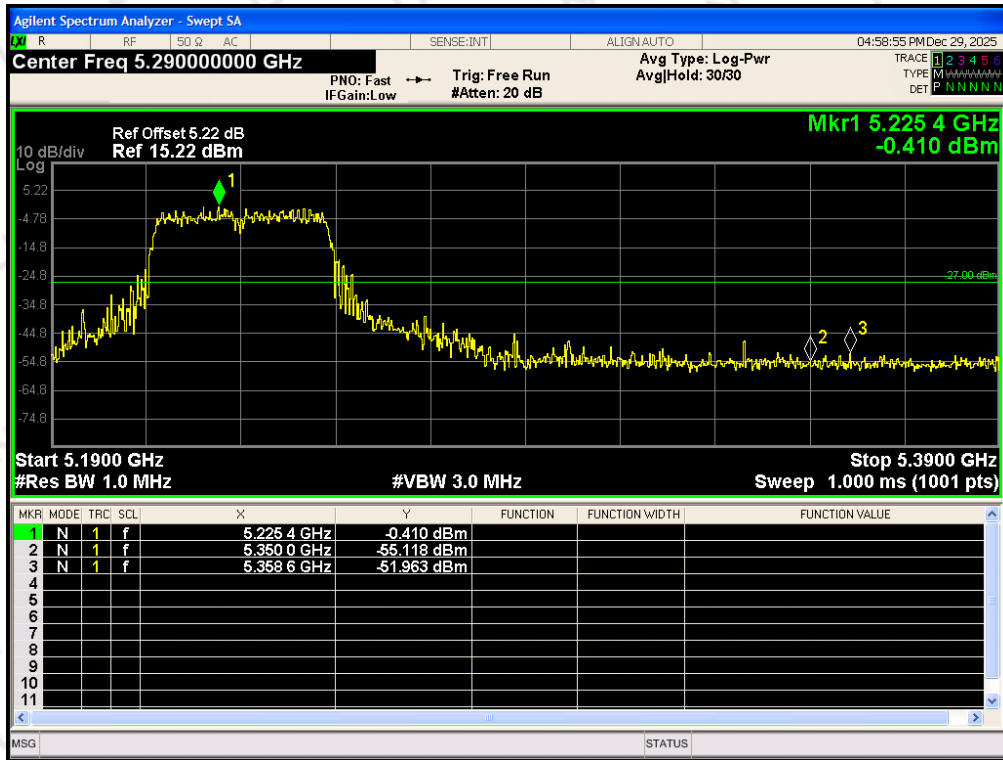
Band Edge NVNT 802.11ac20 5240MHz Ant1



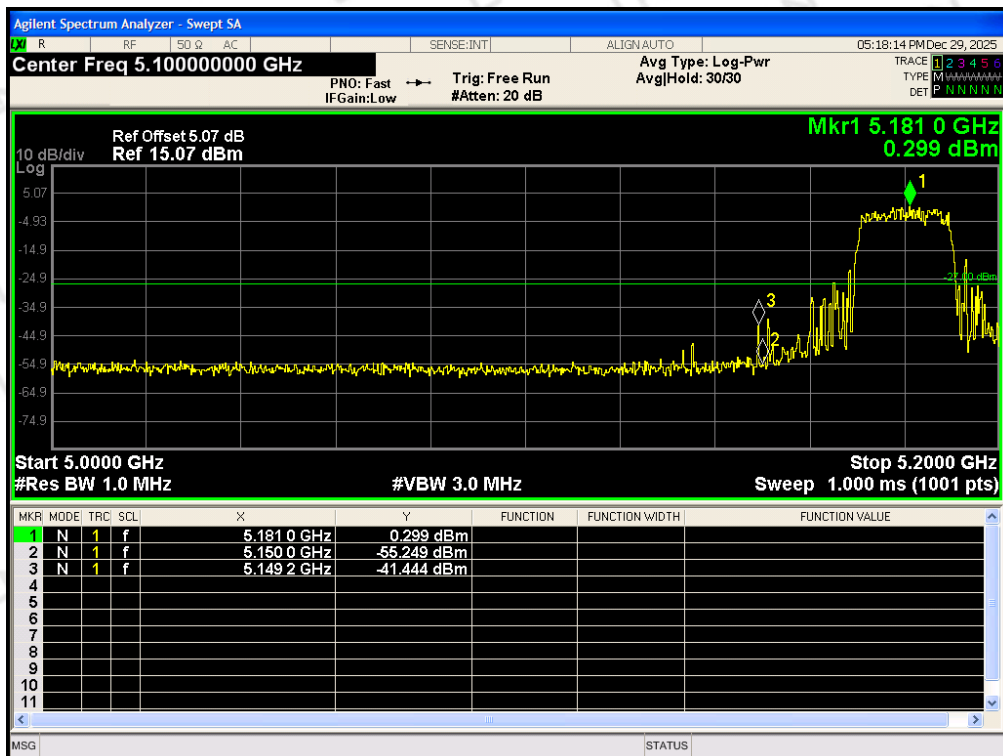
Band Edge NVNT 802.11ac40 5190MHz Ant1



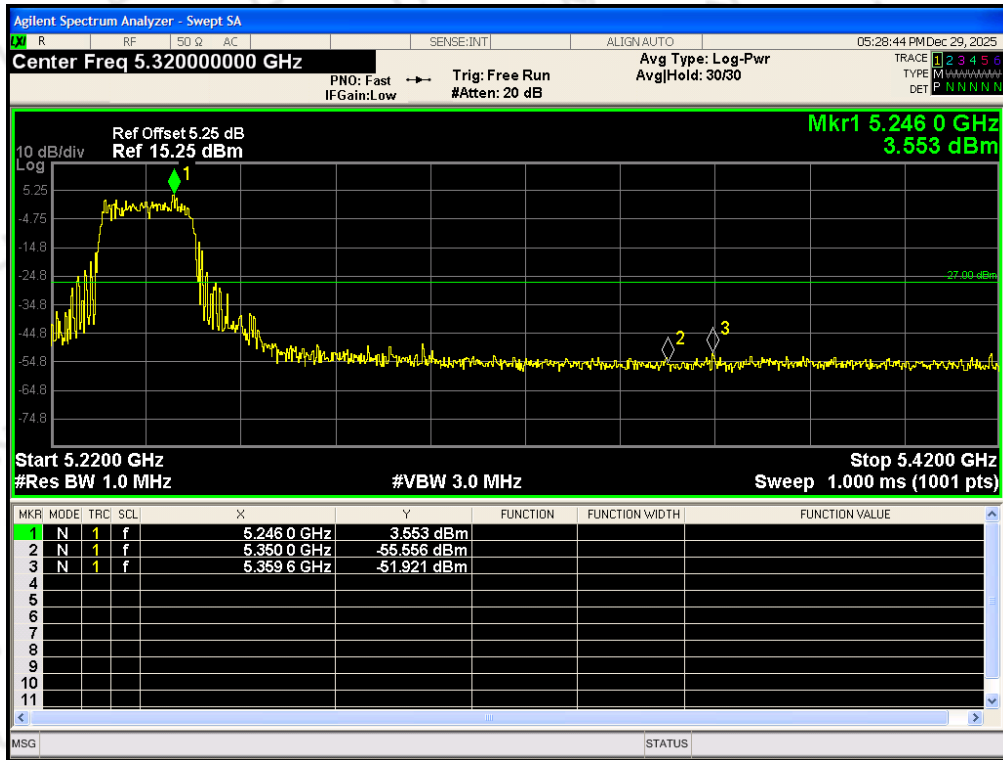
Band Edge NVNT 802.11ac40 5230MHz Ant1



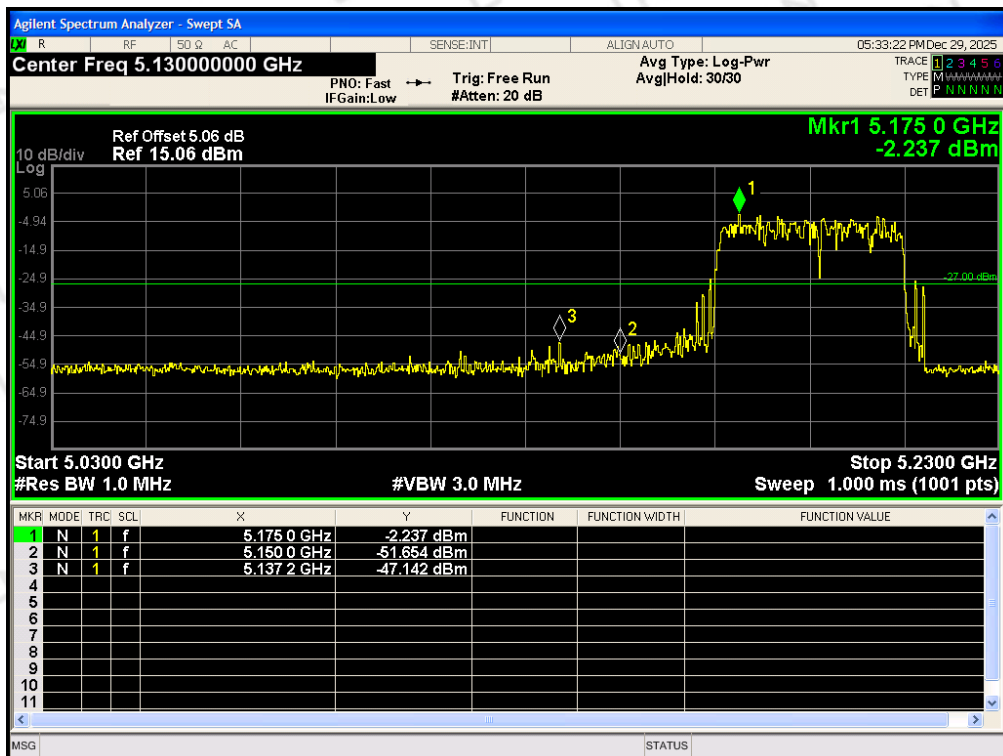
Band Edge NVNT 802.11ax20 5180MHz Ant1



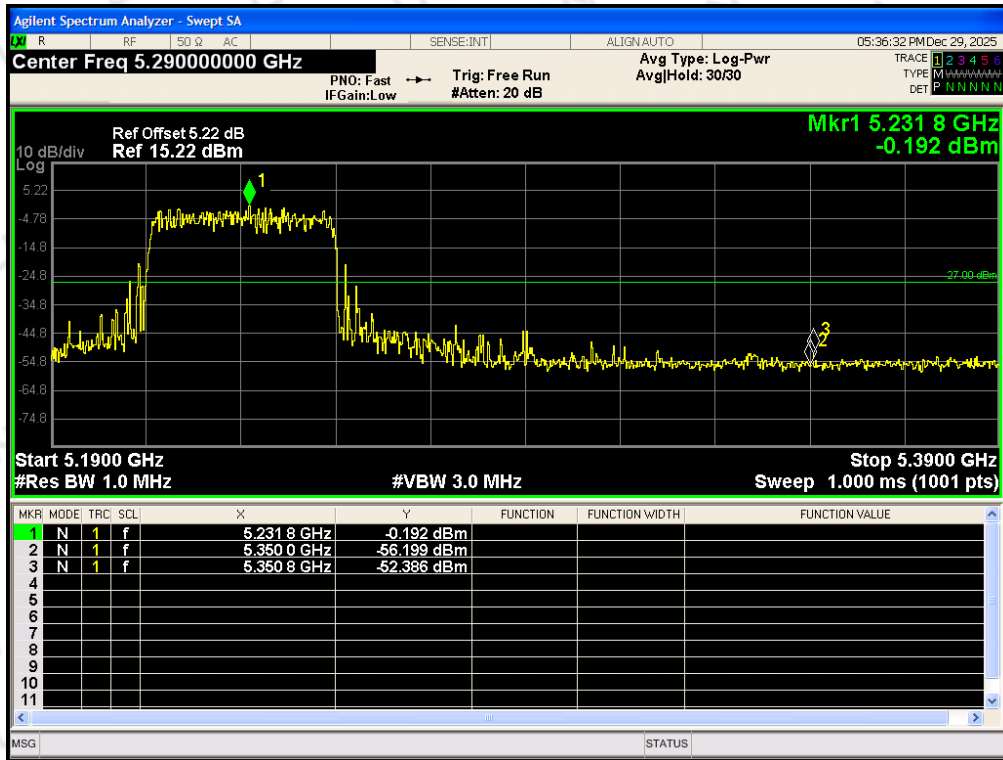
Band Edge NVNT 802.11ax20 5240MHz Ant1



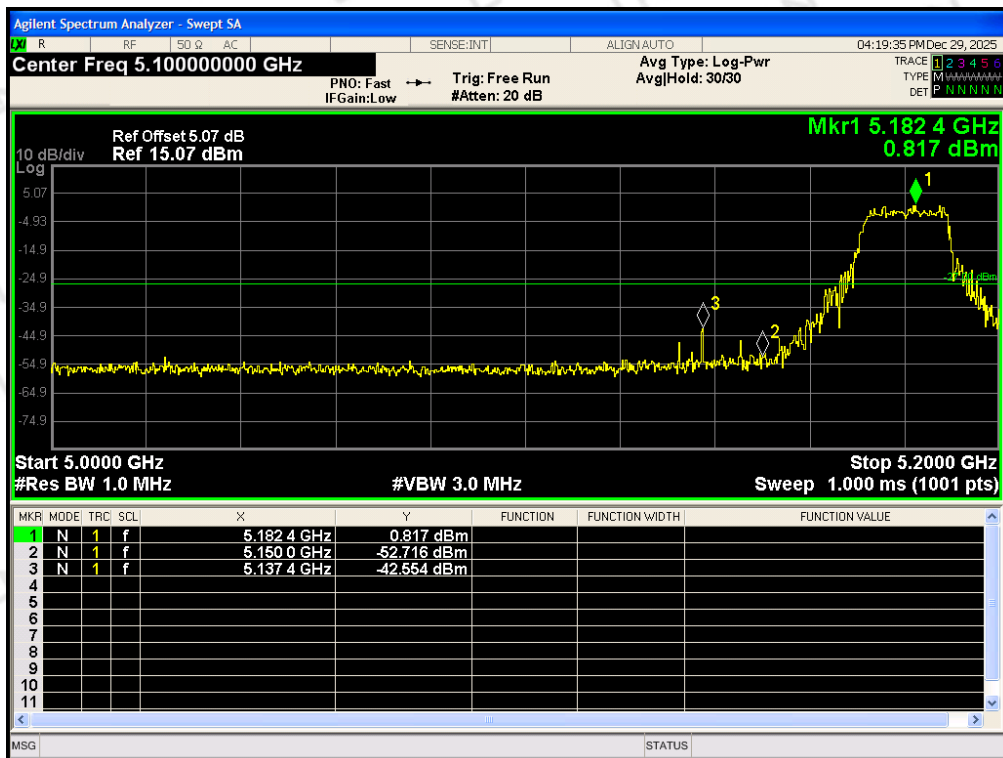
Band Edge NVNT 802.11ax40 5190MHz Ant1



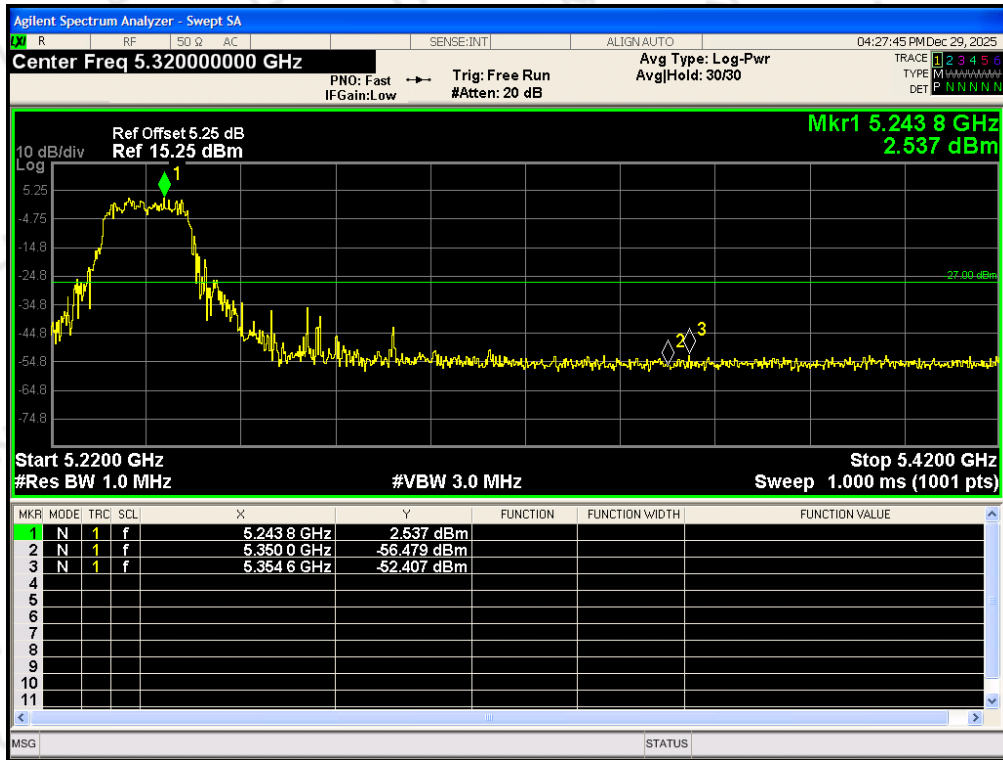
Band Edge NVNT 802.11ax40 5230MHz Ant1



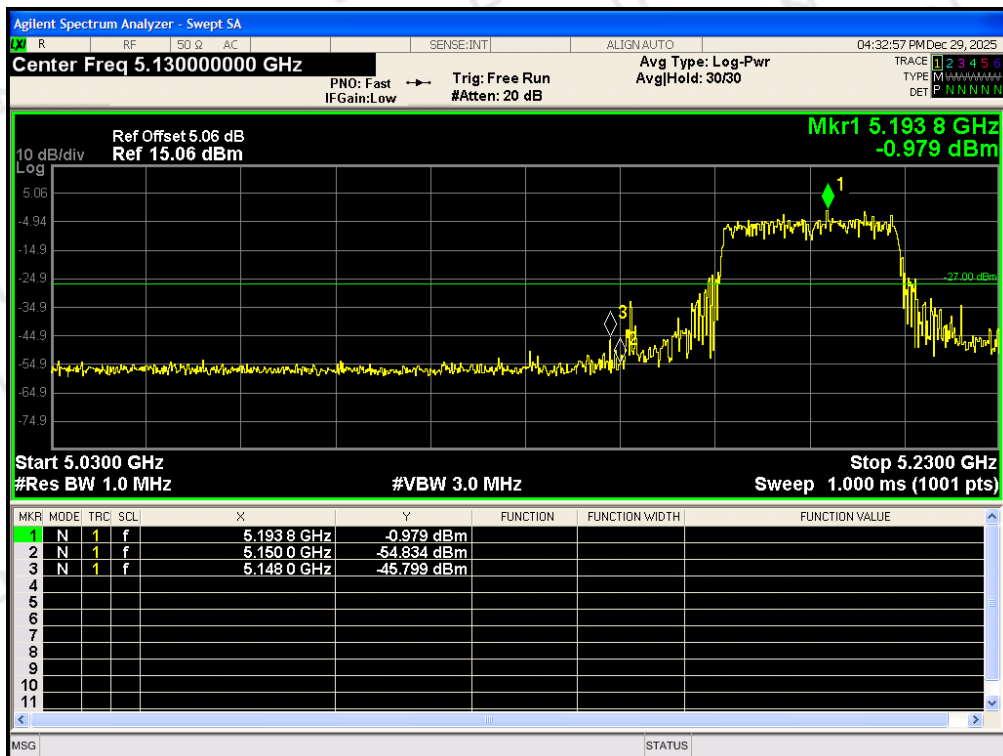
Band Edge NVNT 802.11n(HT20) 5180MHz Ant1



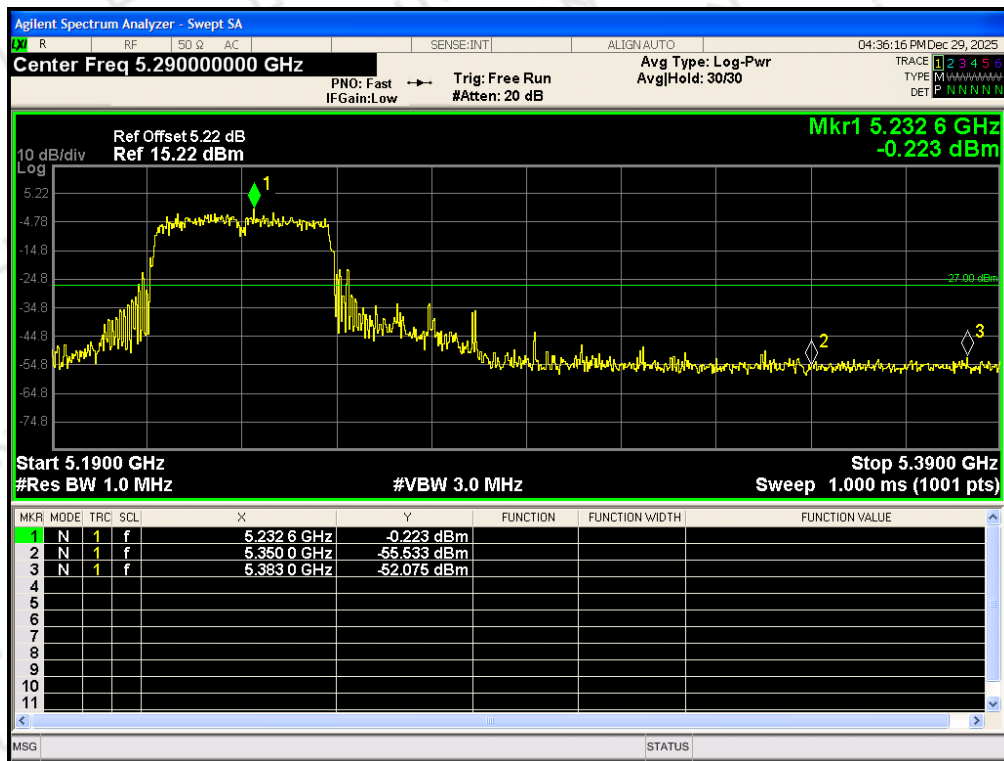
Band Edge NVNT 802.11n(HT20) 5240MHz Ant1



Band Edge NVNT 802.11n(HT40) 5190MHz Ant1



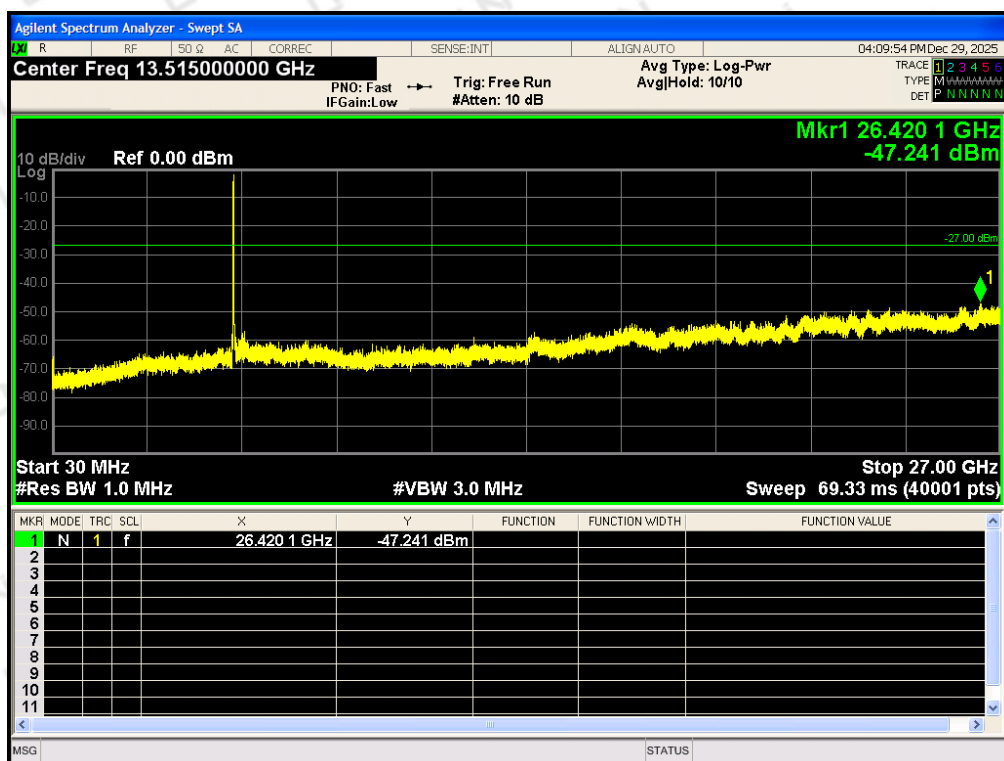
Band Edge NVNT 802.11n(HT40) 5230MHz Ant1



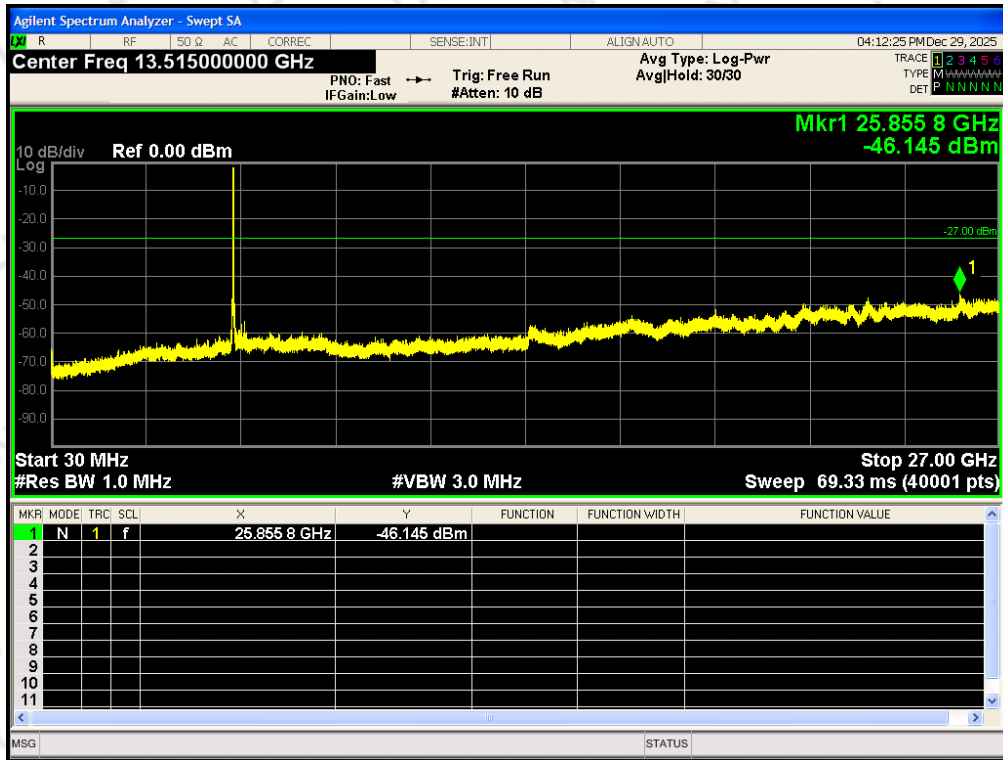
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	-47.24	-27	Pass
NVNT	802.11a	5200	Ant 1	-46.14	-27	Pass
NVNT	802.11a	5240	Ant 1	-47.39	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-47.53	-27	Pass
NVNT	802.11ac20	5200	Ant 1	-46.88	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-47.73	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-47.46	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-47.52	-27	Pass
NVNT	802.11ax20	5180	Ant 1	-47.51	-27	Pass
NVNT	802.11ax20	5200	Ant 1	-46.76	-27	Pass
NVNT	802.11ax20	5240	Ant 1	-47.44	-27	Pass
NVNT	802.11ax40	5190	Ant 1	-47.33	-27	Pass
NVNT	802.11ax40	5230	Ant 1	-47.14	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-47.74	-27	Pass
NVNT	802.11n(HT20)	5200	Ant 1	-47.59	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-46.98	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-47.48	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-46.97	-27	Pass

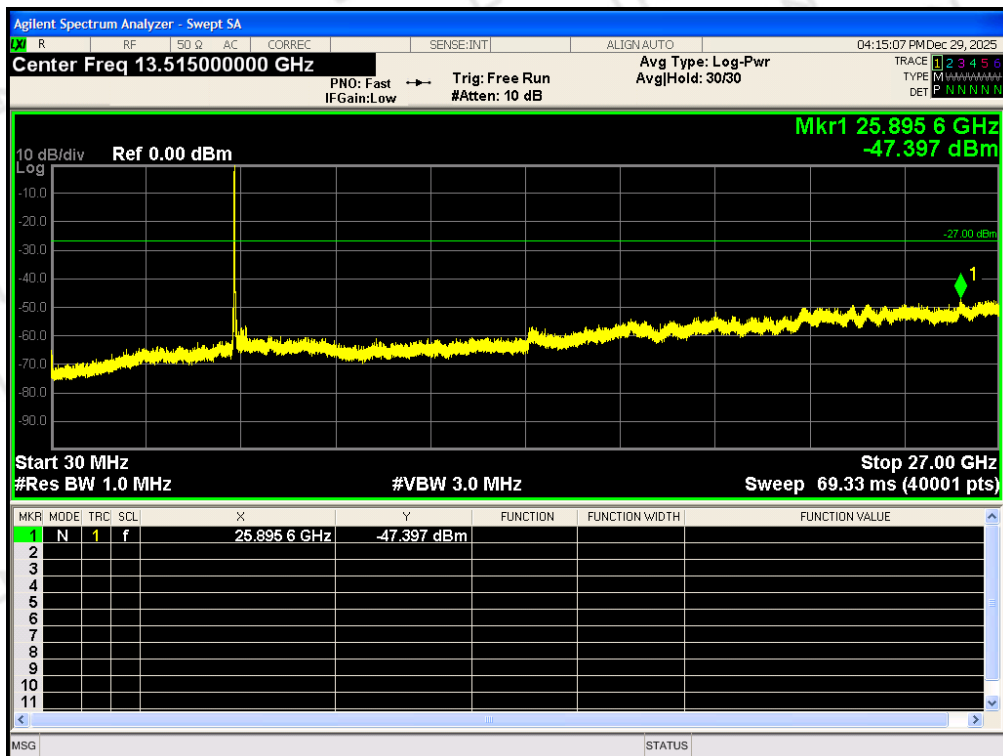
Tx. Spurious NVNT 802.11a 5180MHz Ant1 Emission



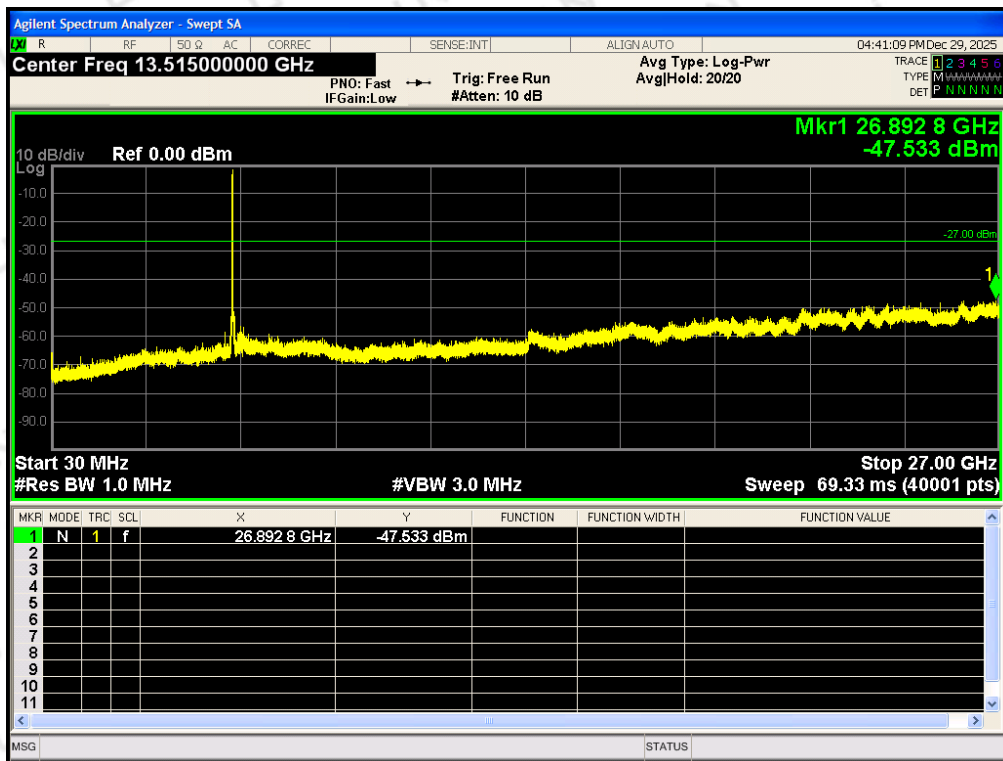
Tx. Spurious NVNT 802.11a 5200MHz Ant1 Emission



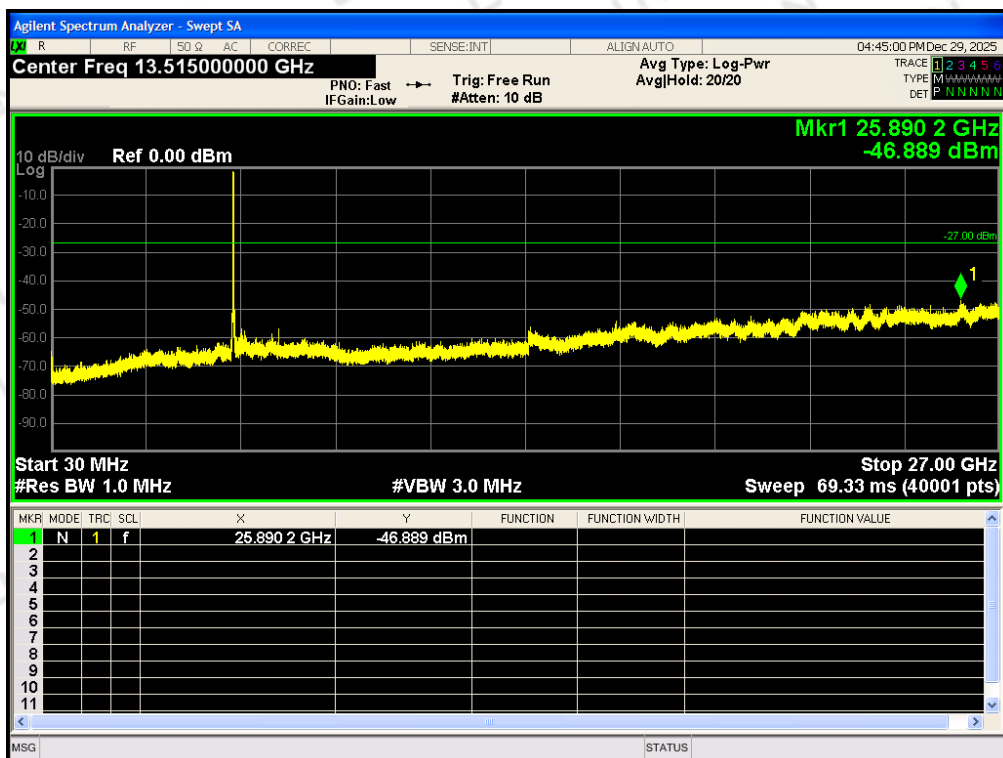
Tx. Spurious NVNT 802.11a 5240MHz Ant1 Emission



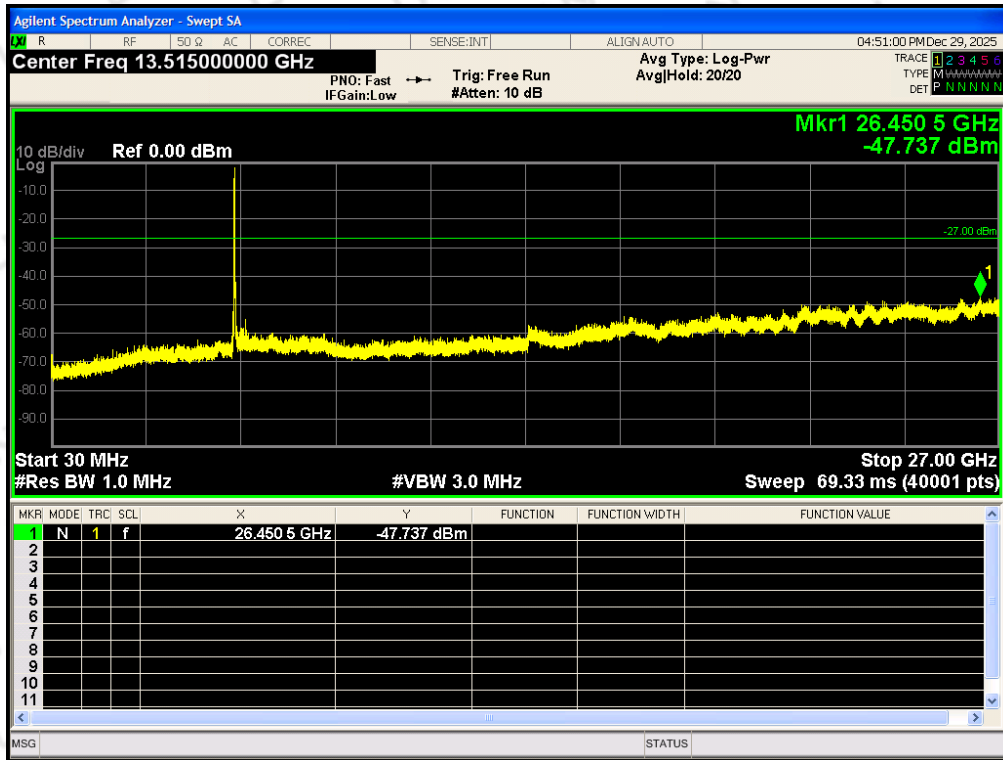
Tx. Spurious NVNT 802.11ac20 5180MHz Ant1 Emission



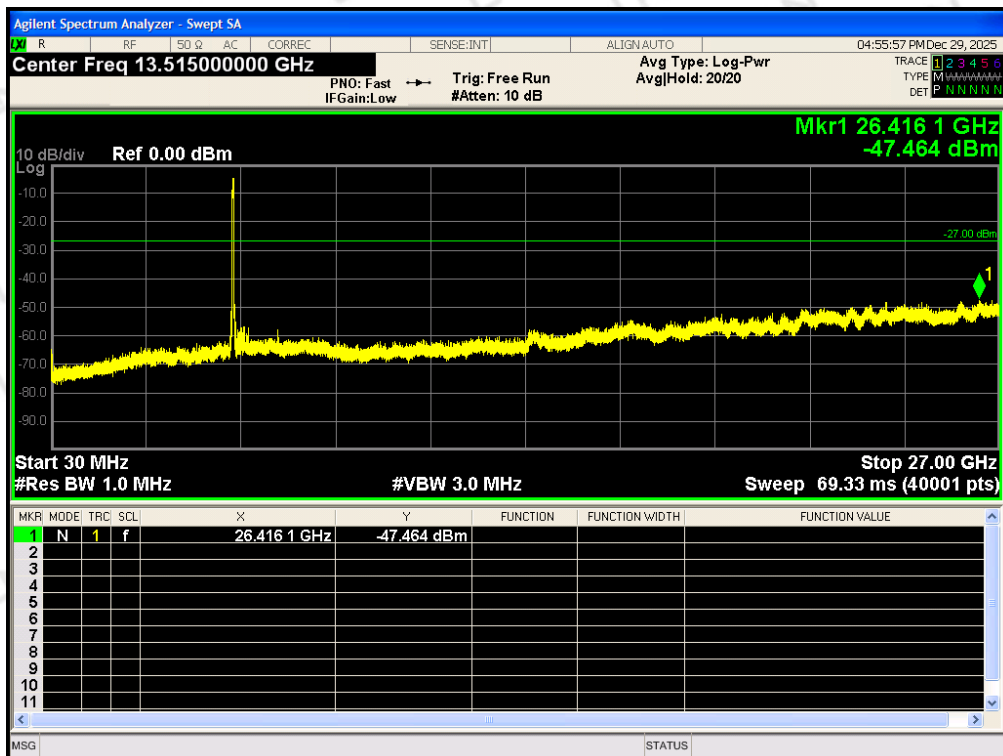
Tx. Spurious NVNT 802.11ac20 5200MHz Ant1 Emission



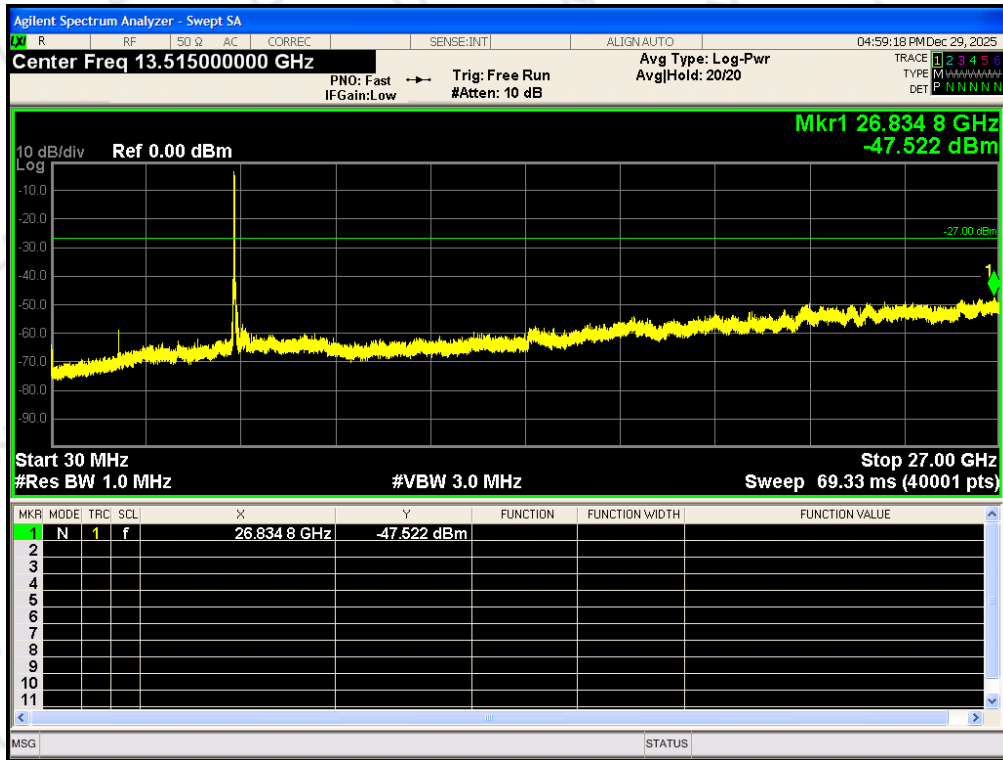
Tx. Spurious NVNT 802.11ac20 5240MHz Ant1 Emission



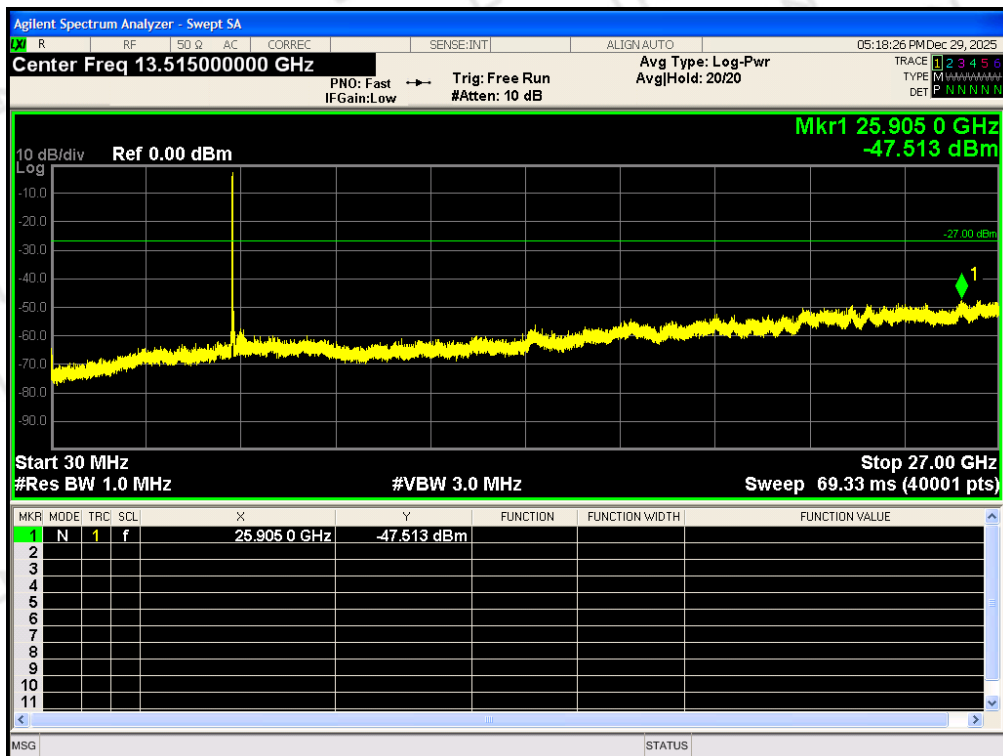
Tx. Spurious NVNT 802.11ac40 5190MHz Ant1 Emission



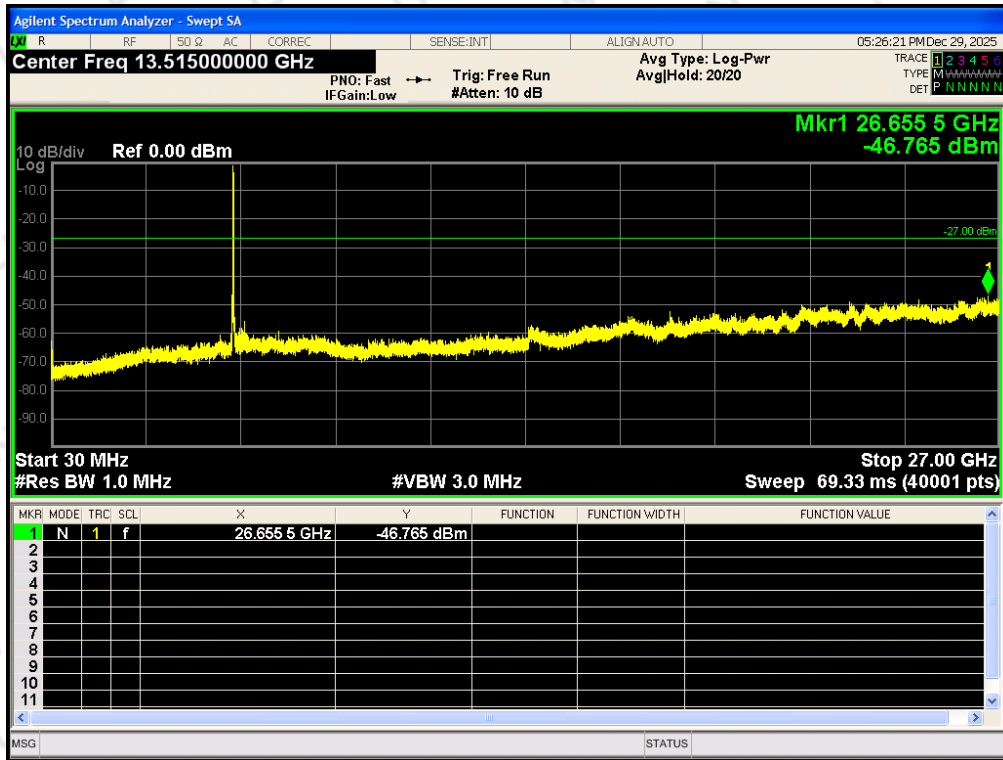
Tx. Spurious NVNT 802.11ac40 5230MHz Ant1 Emission



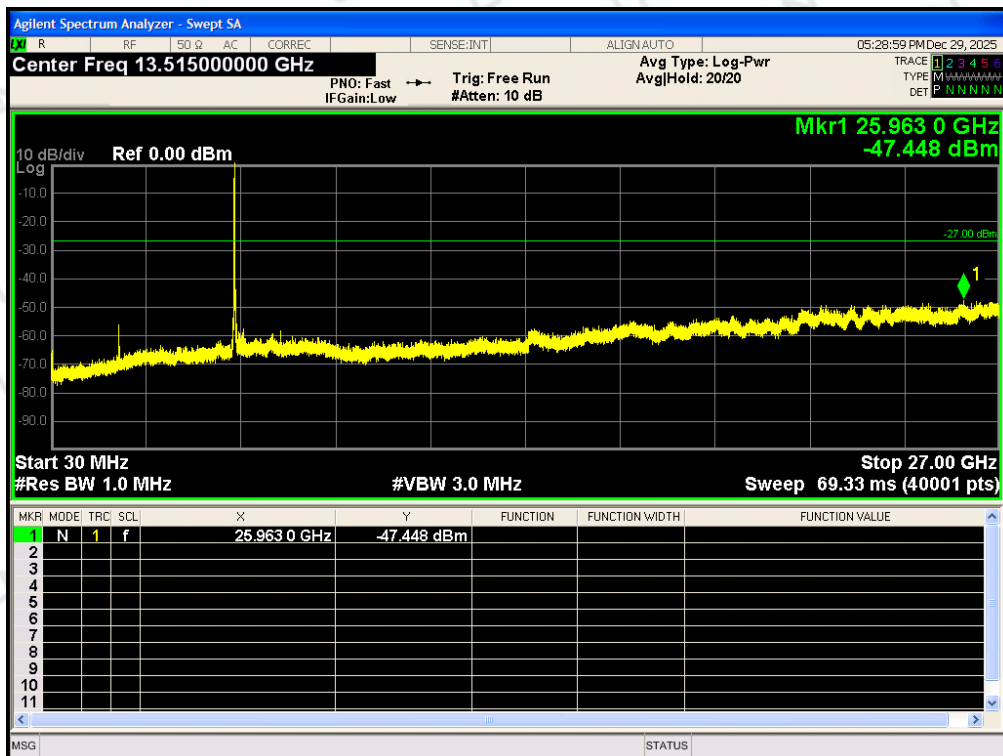
Tx. Spurious NVNT 802.11ax20 5180MHz Ant1 Emission



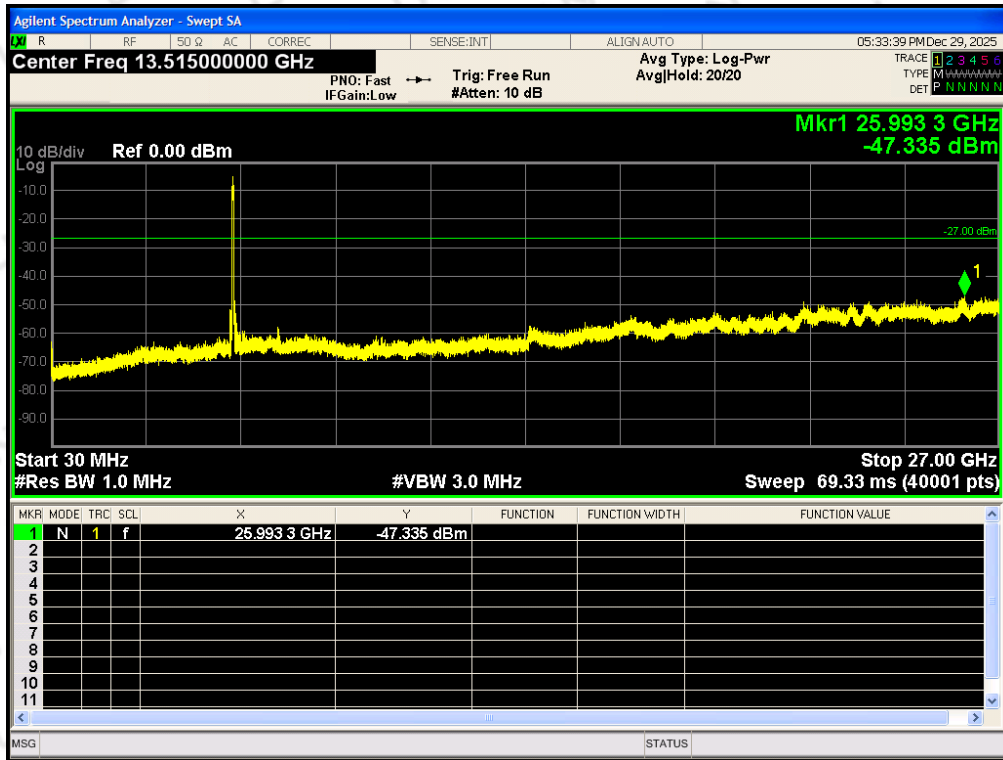
Tx. Spurious NVNT 802.11ax20 5200MHz Ant1 Emission



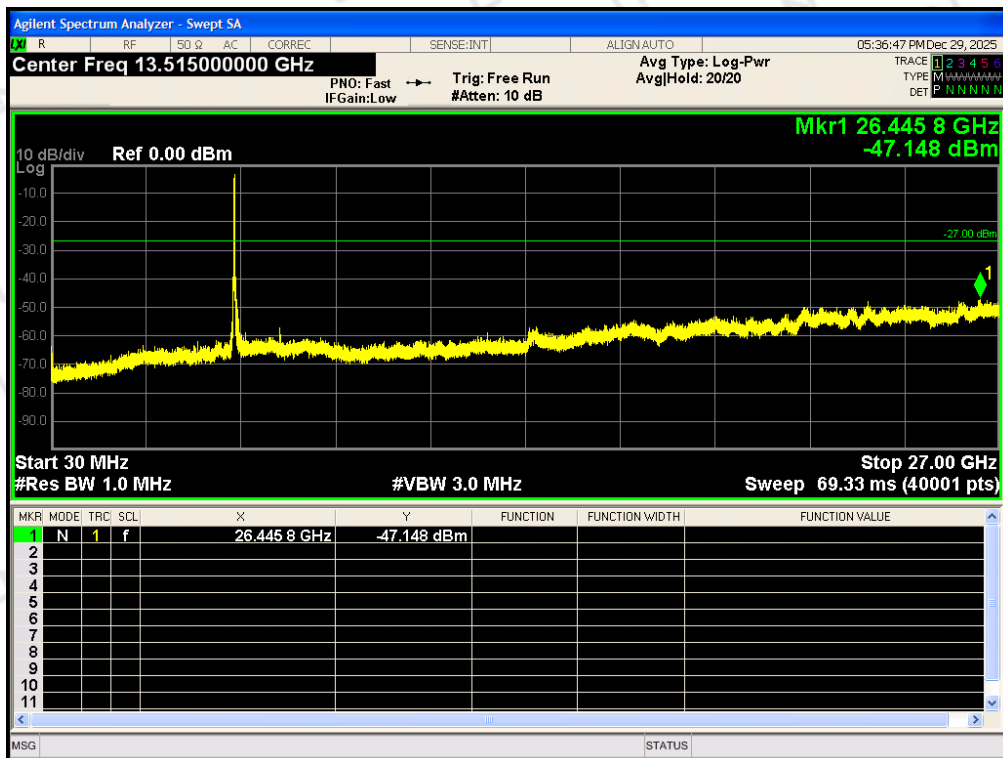
Tx. Spurious NVNT 802.11ax20 5240MHz Ant1 Emission



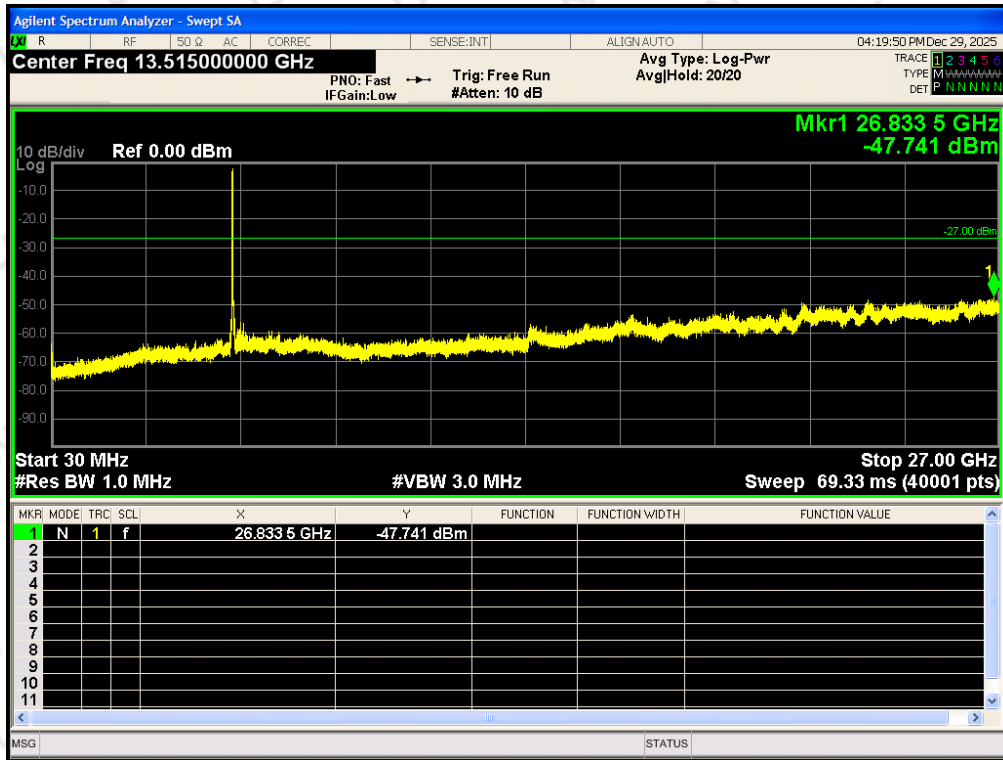
Tx. Spurious NVNT 802.11ax40 5190MHz Ant1 Emission



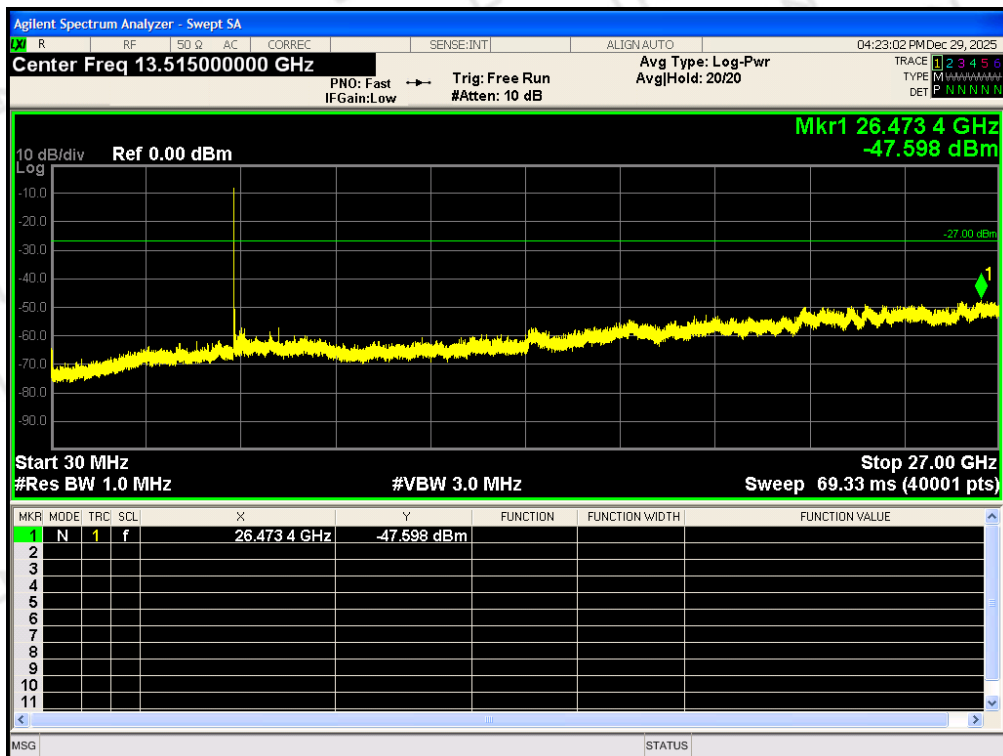
Tx. Spurious NVNT 802.11ax40 5230MHz Ant1 Emission



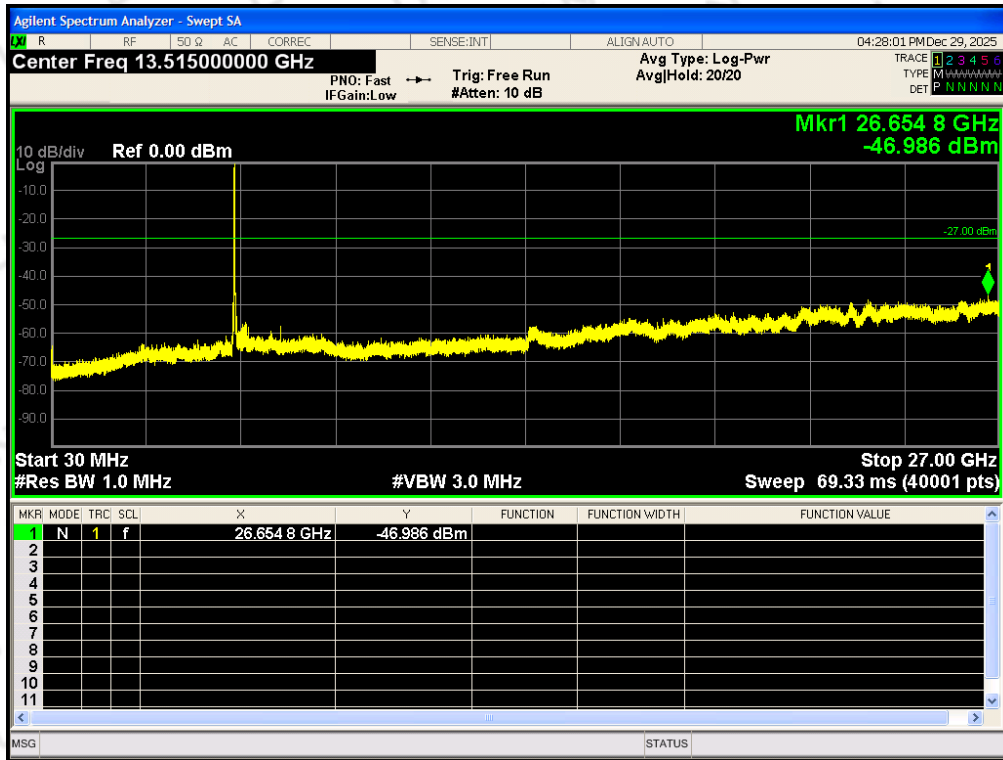
Tx. Spurious NVNT 802.11n(HT20) 5180MHz Ant1 Emission



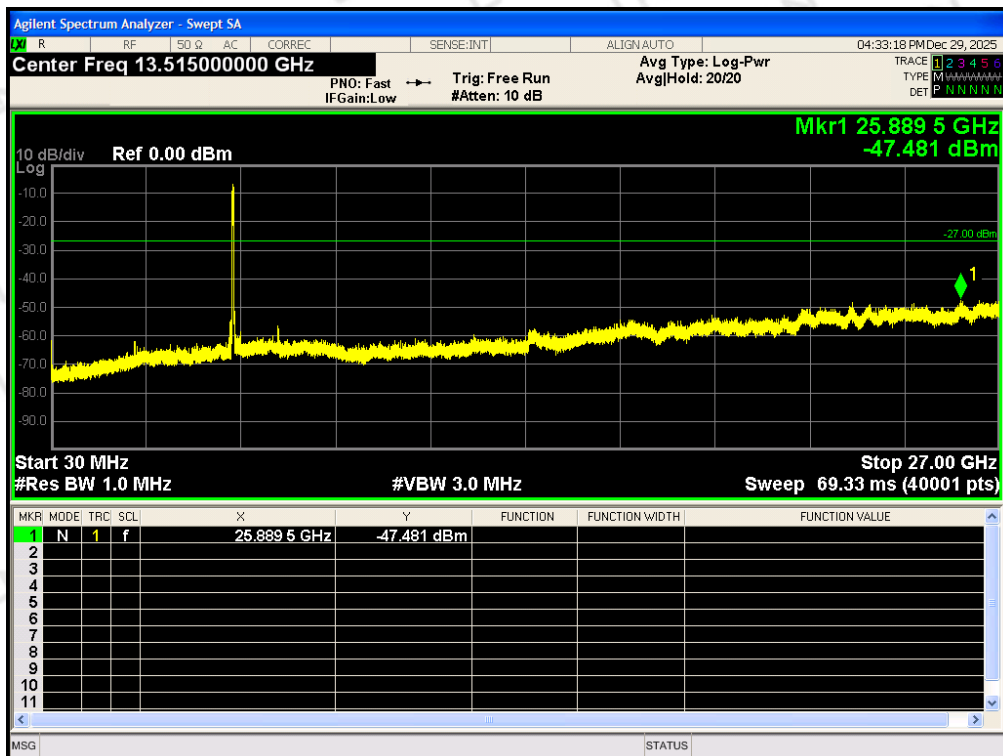
Tx. Spurious NVNT 802.11n(HT20) 5200MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT20) 5240MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5190MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5230MHz Ant1 Emission

