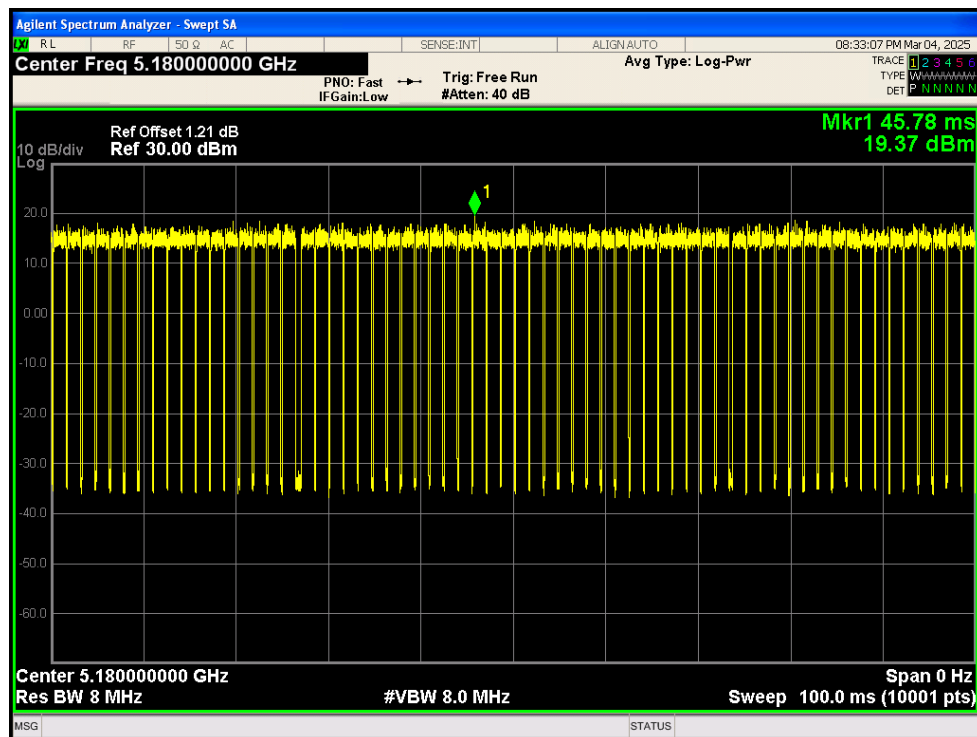


WIFI 5.2G:

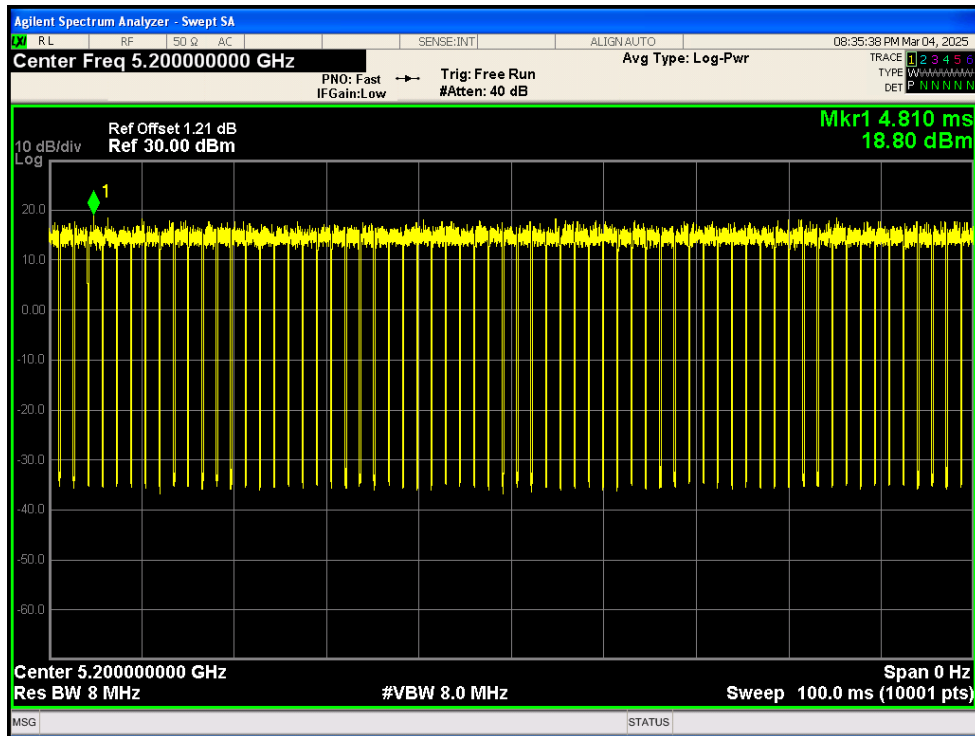
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	89.75	0.47
NVNT	a	5200	Ant1	90.67	0.43
NVNT	a	5240	Ant1	90.74	0.42
NVNT	ac20	5180	Ant1	88.63	0.52
NVNT	ac20	5200	Ant1	89.06	0.5
NVNT	ac20	5240	Ant1	89.13	0.5
NVNT	ac40	5190	Ant1	80.02	0.97
NVNT	ac40	5230	Ant1	80.23	0.96
NVNT	ac80	5210	Ant1	68.03	1.67
NVNT	n20	5180	Ant1	88.26	0.54
NVNT	n20	5200	Ant1	88.87	0.51
NVNT	n20	5240	Ant1	88.97	0.51
NVNT	n40	5190	Ant1	79.71	0.98
NVNT	n40	5230	Ant1	80.31	0.95

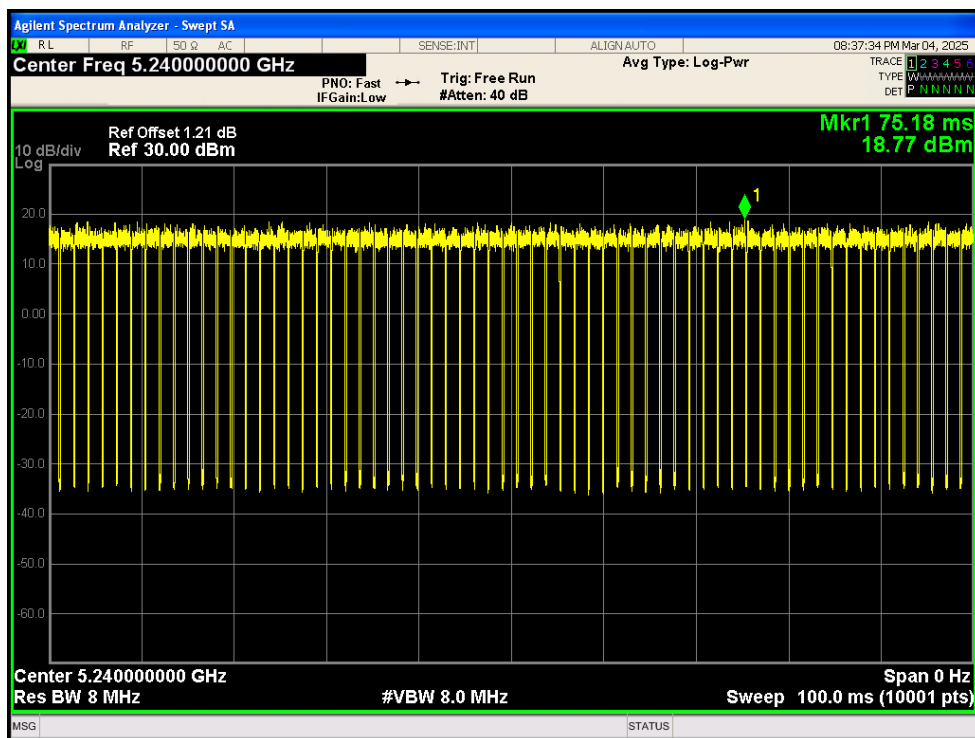
Duty Cycle NVNT a 5180MHz Ant1



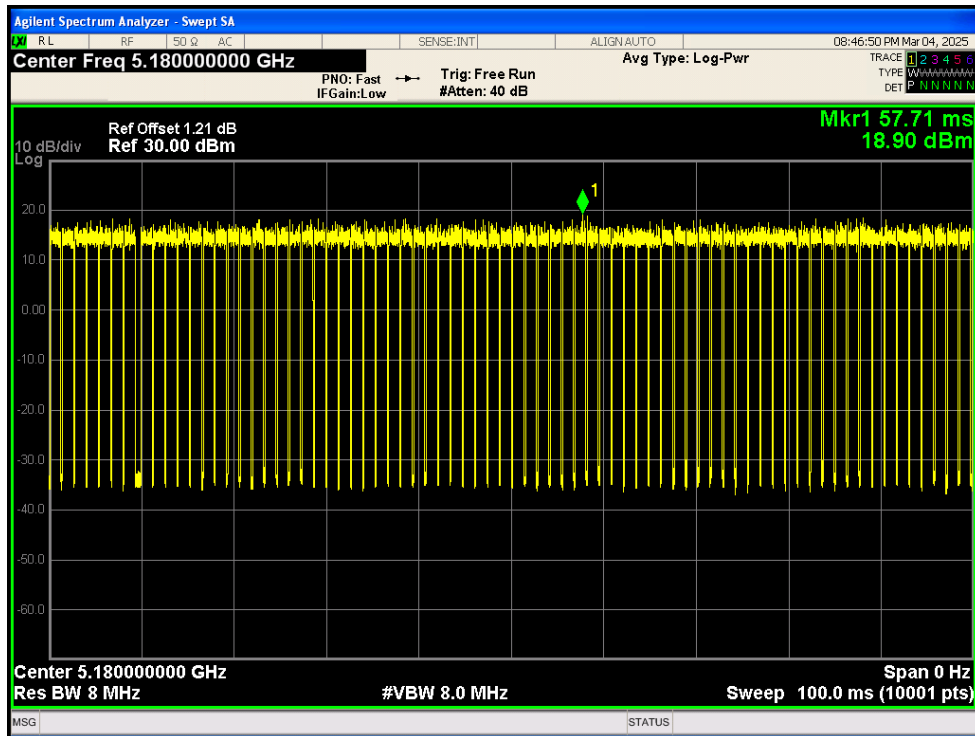
Duty Cycle NVNT a 5200MHz Ant1



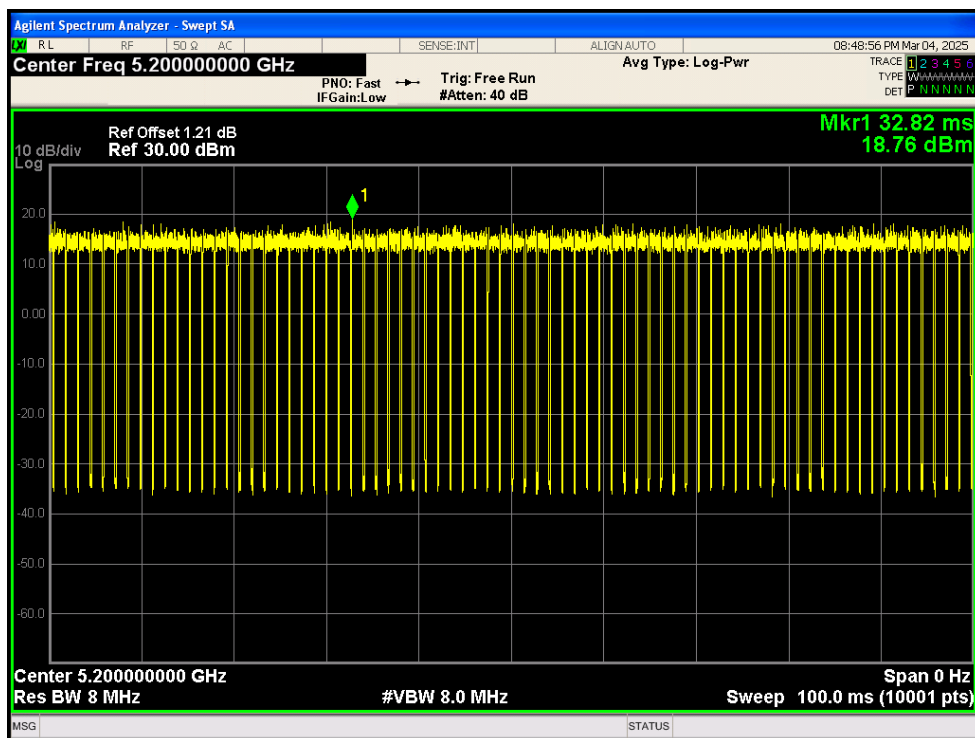
Duty Cycle NVNT a 5240MHz Ant1



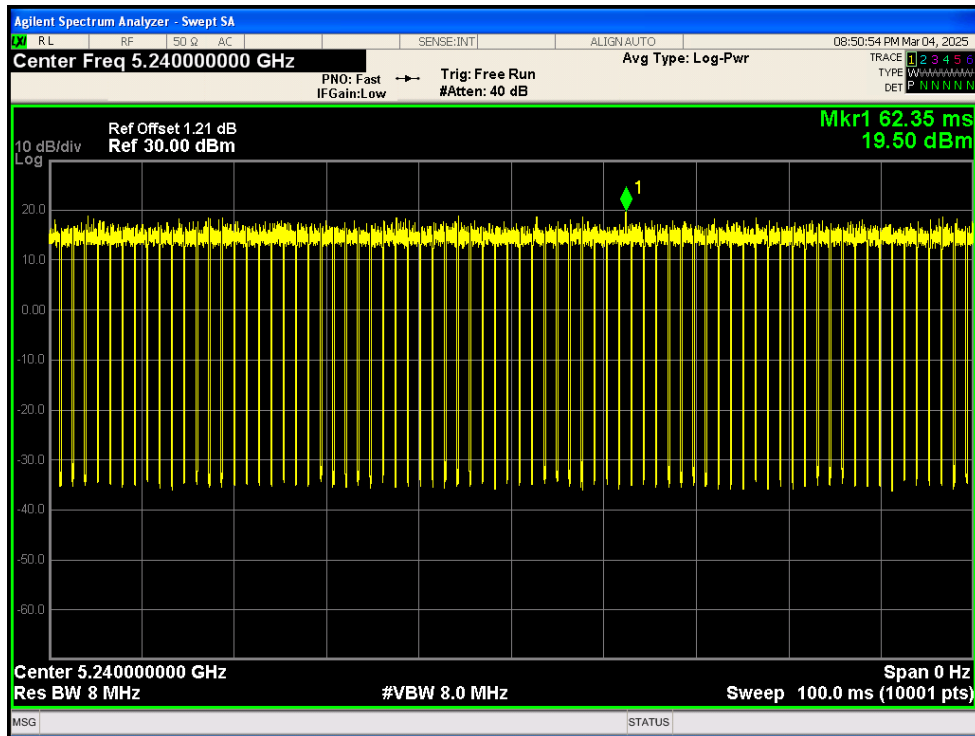
Duty Cycle NVNT ac20 5180MHz Ant1



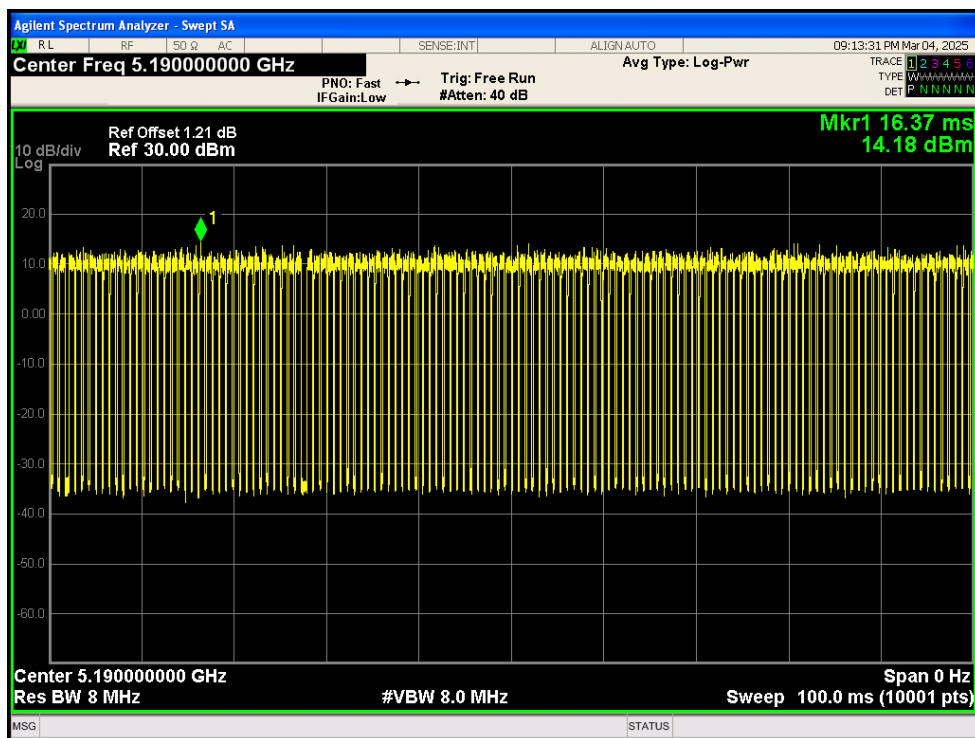
Duty Cycle NVNT ac20 5200MHz Ant1



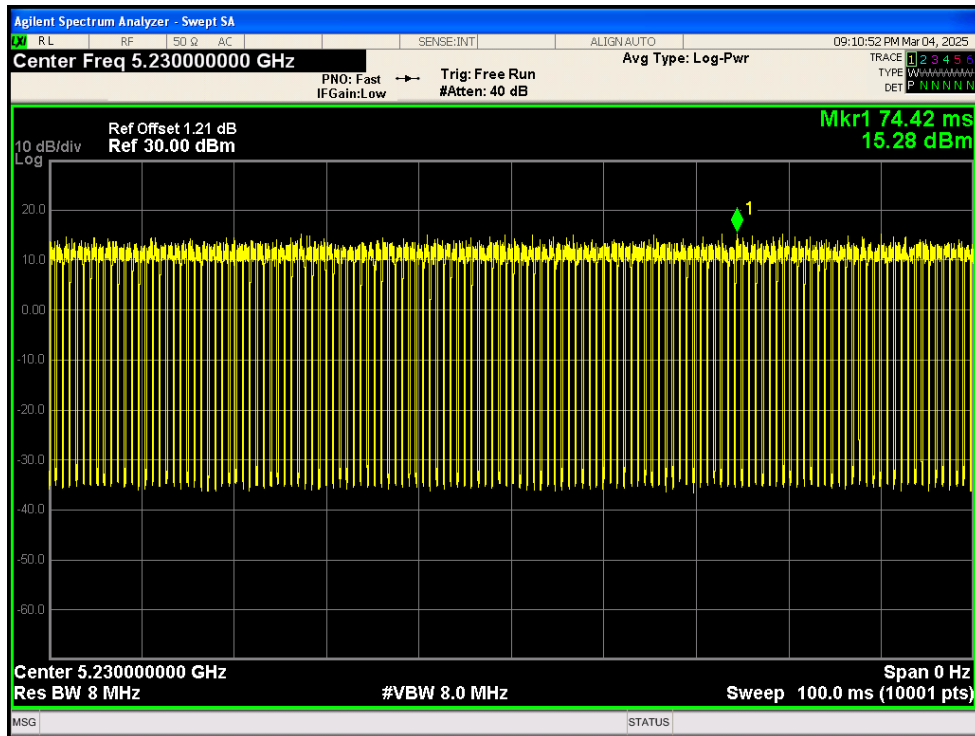
Duty Cycle NVNT ac20 5240MHz Ant1



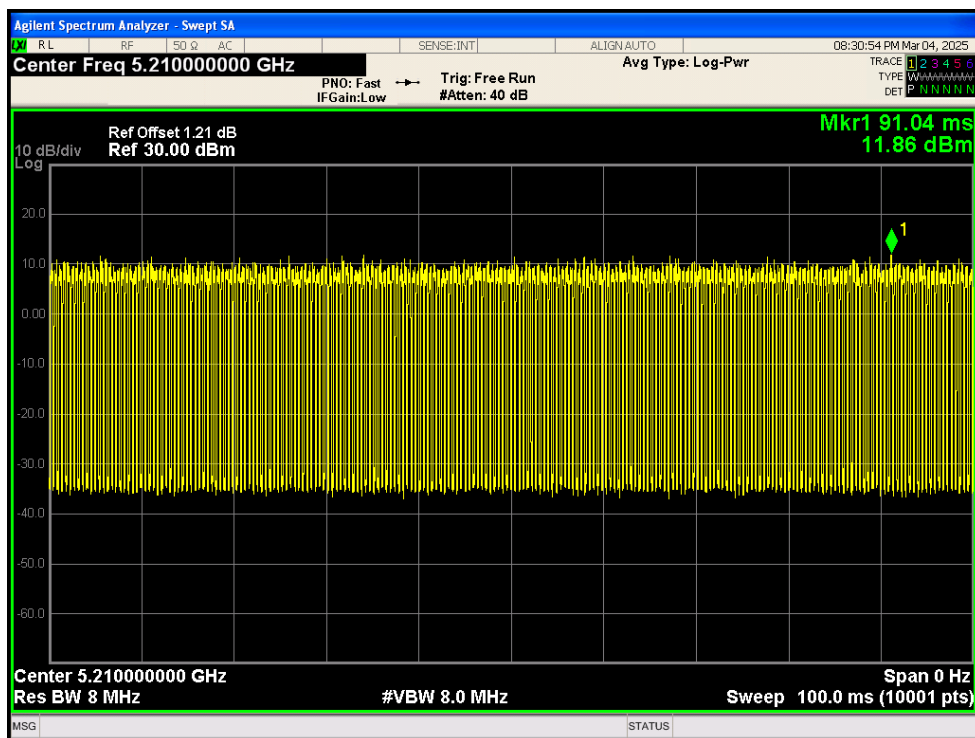
Duty Cycle NVNT ac40 5190MHz Ant1



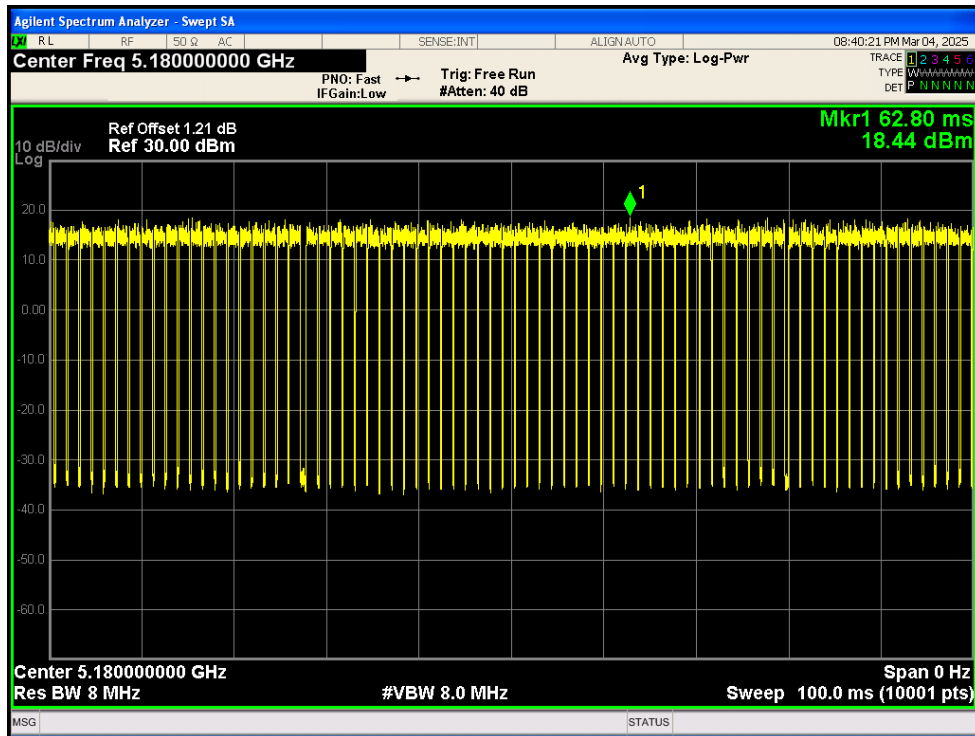
Duty Cycle NVNT ac40 5230MHz Ant1



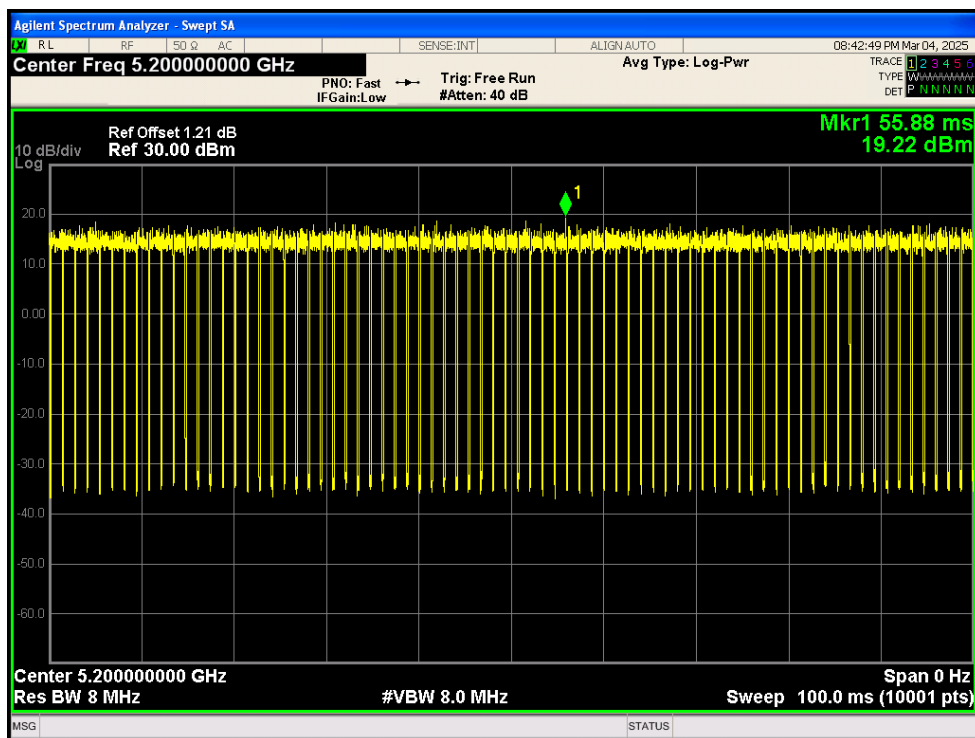
Duty Cycle NVNT ac80 5210MHz Ant1



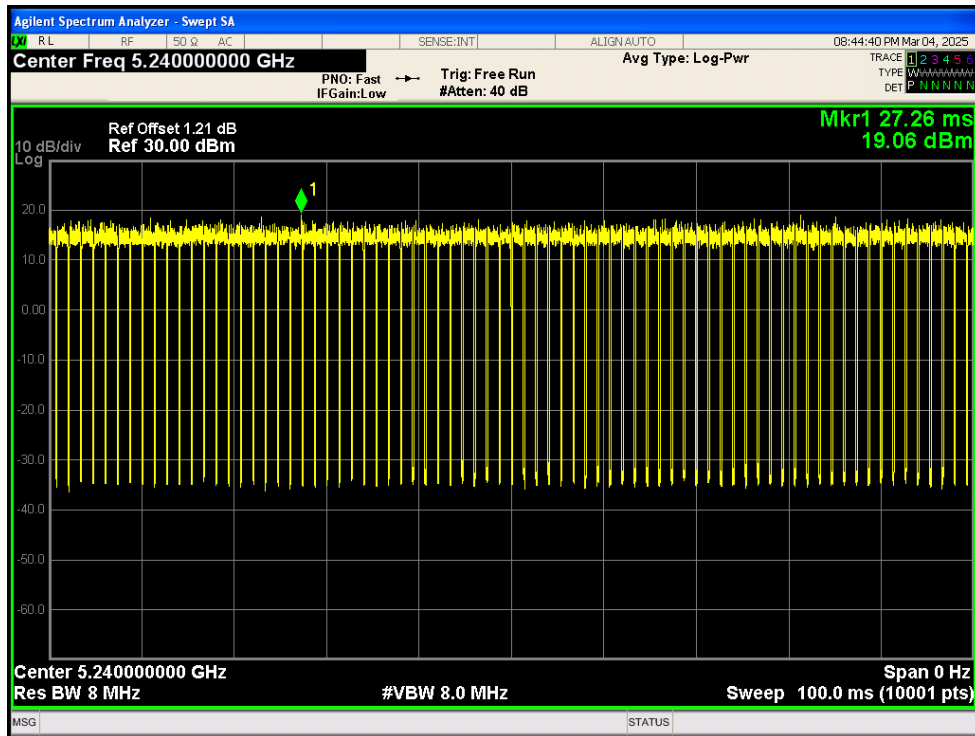
Duty Cycle NVNT n20 5180MHz Ant1



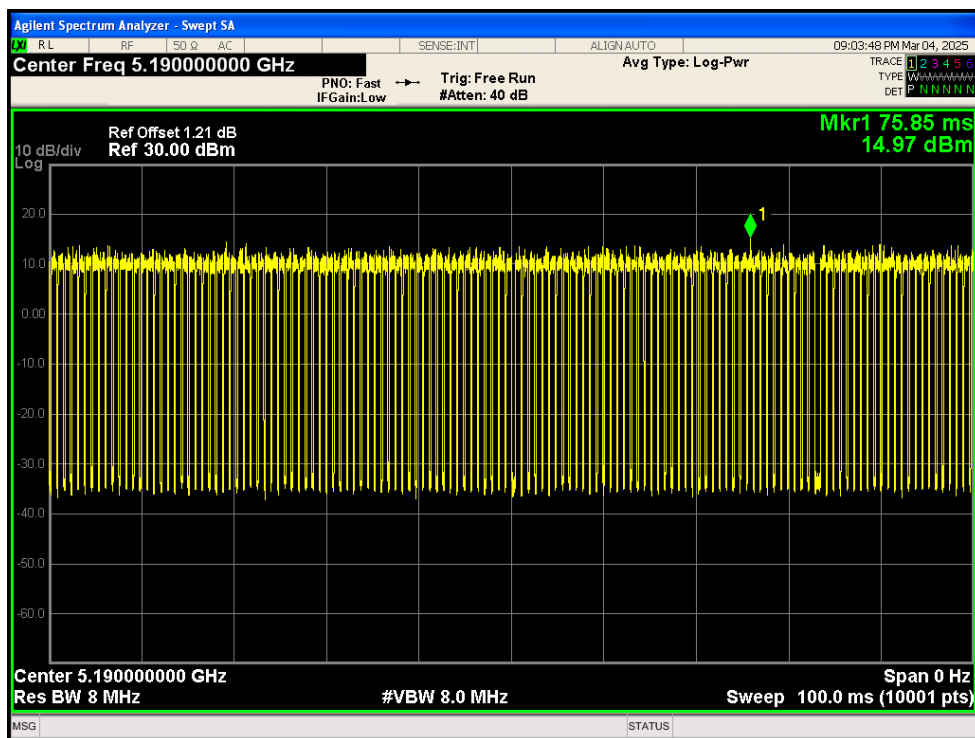
Duty Cycle NVNT n20 5200MHz Ant1



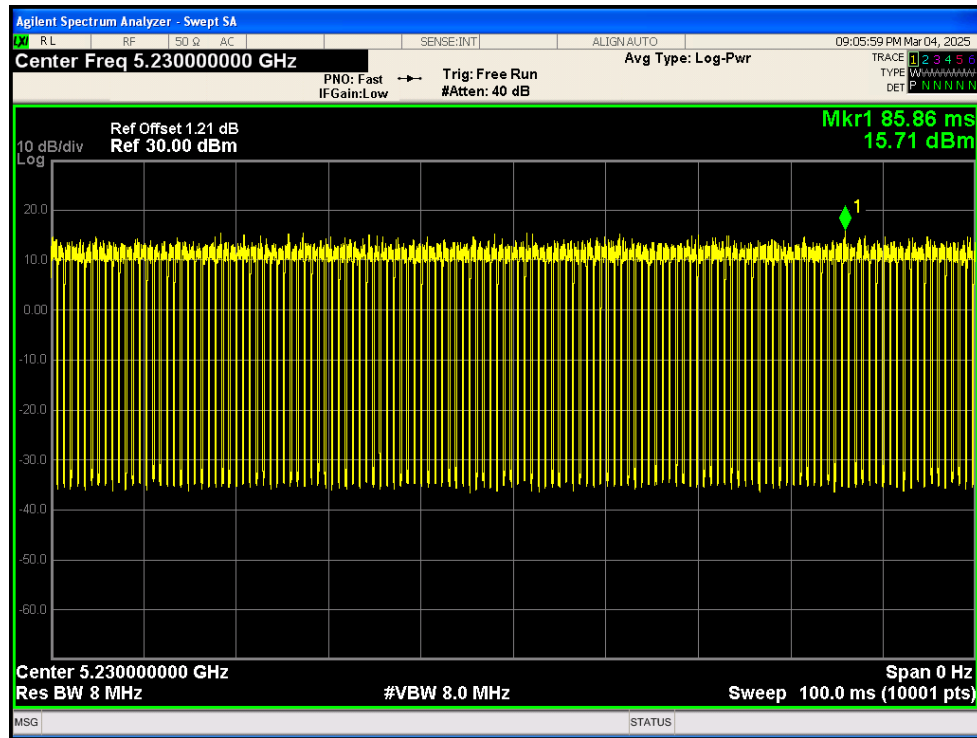
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



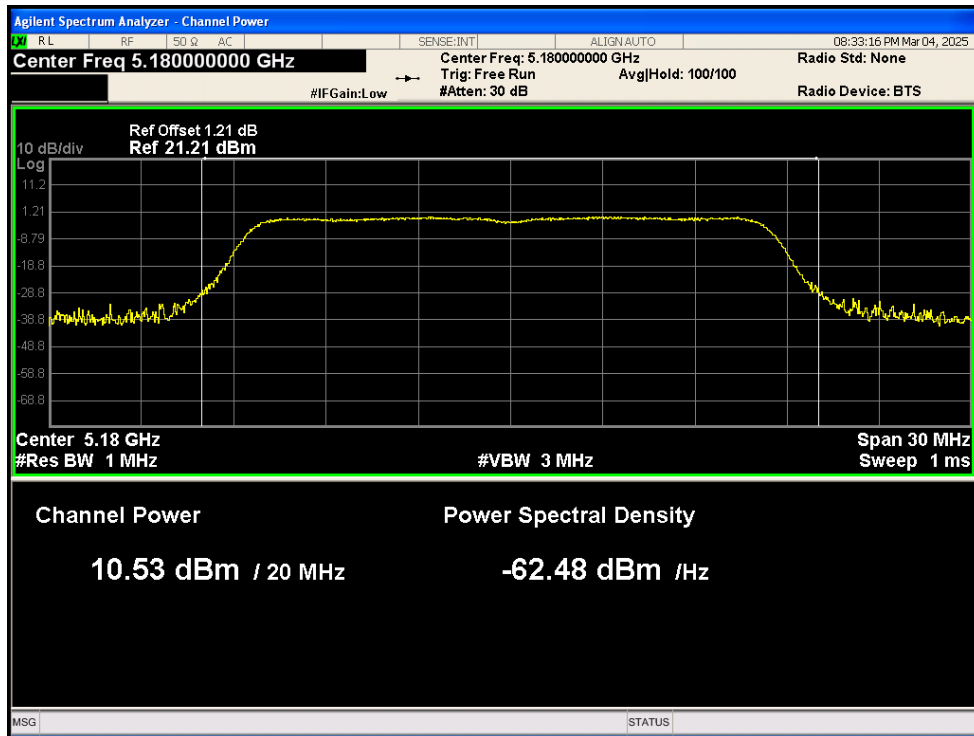
Duty Cycle NVNT n40 5230MHz Ant1



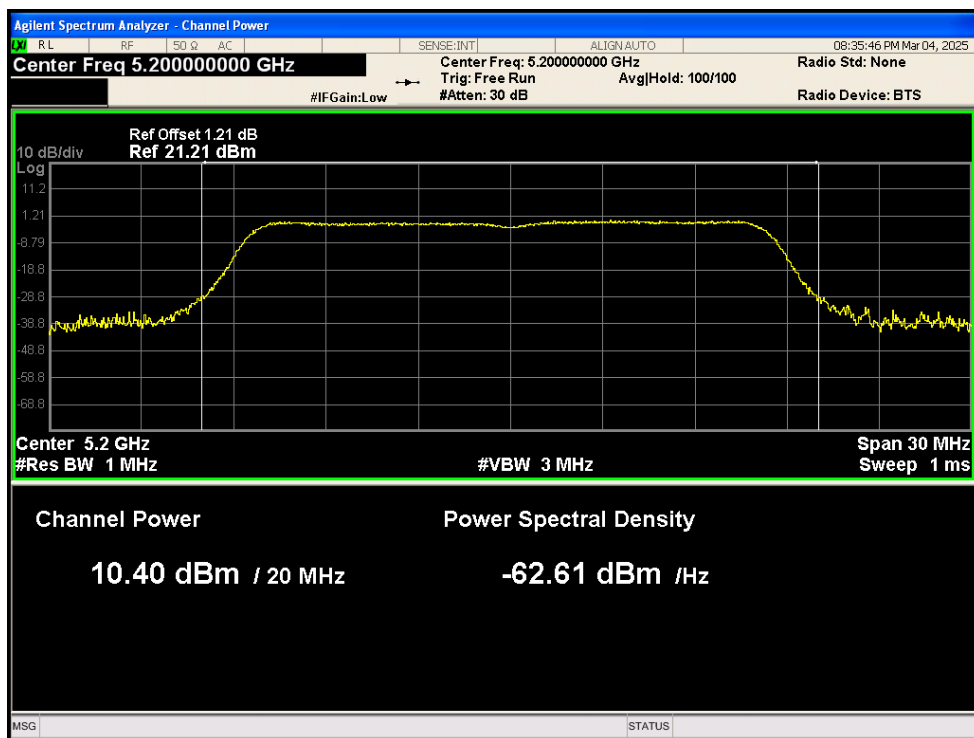
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	10.527	0.47	10.997	24	Pass
NVNT	a	5200	Ant1	10.404	0.43	10.834	24	Pass
NVNT	a	5240	Ant1	10.704	0.42	11.124	24	Pass
NVNT	ac20	5180	Ant1	10.323	0.52	10.843	24	Pass
NVNT	ac20	5200	Ant1	10.173	0.5	10.673	24	Pass
NVNT	ac20	5240	Ant1	10.415	0.5	10.915	24	Pass
NVNT	ac40	5190	Ant1	9.107	0.97	10.077	24	Pass
NVNT	ac40	5230	Ant1	10.488	0.96	11.448	24	Pass
NVNT	ac80	5210	Ant1	8.875	1.67	10.545	24	Pass
NVNT	n20	5180	Ant1	10.481	0.54	11.021	24	Pass
NVNT	n20	5200	Ant1	10.135	0.51	10.645	24	Pass
NVNT	n20	5240	Ant1	10.597	0.51	11.107	24	Pass
NVNT	n40	5190	Ant1	9.232	0.98	10.212	24	Pass
NVNT	n40	5230	Ant1	10.4	0.95	11.35	24	Pass

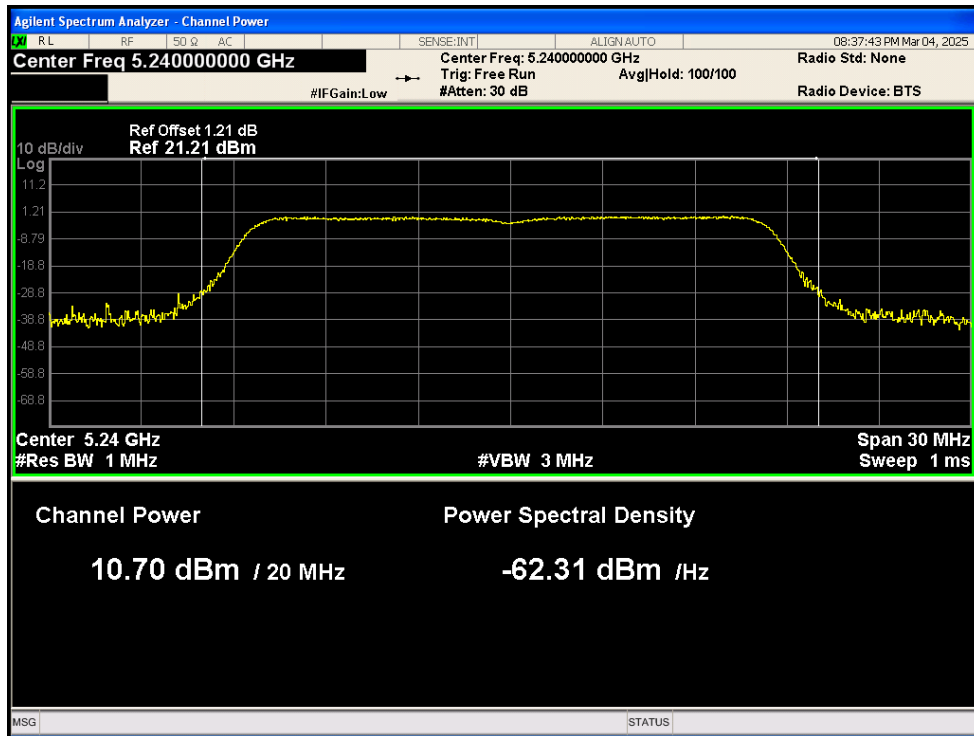
Power NVNT a 5180MHz Ant1



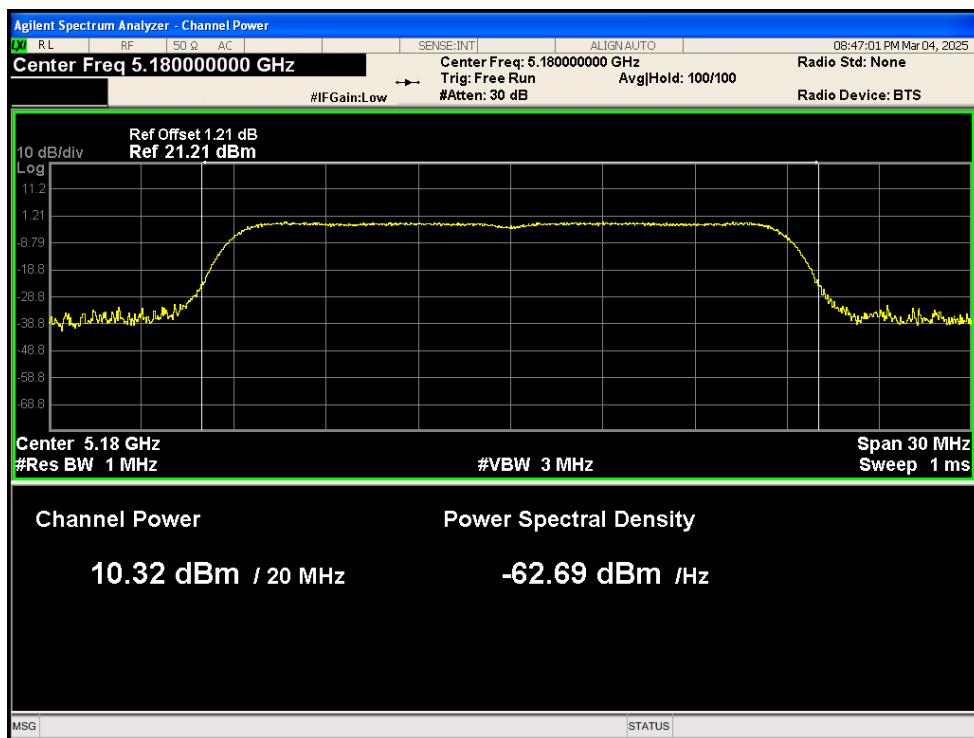
Power NVNT a 5200MHz Ant1



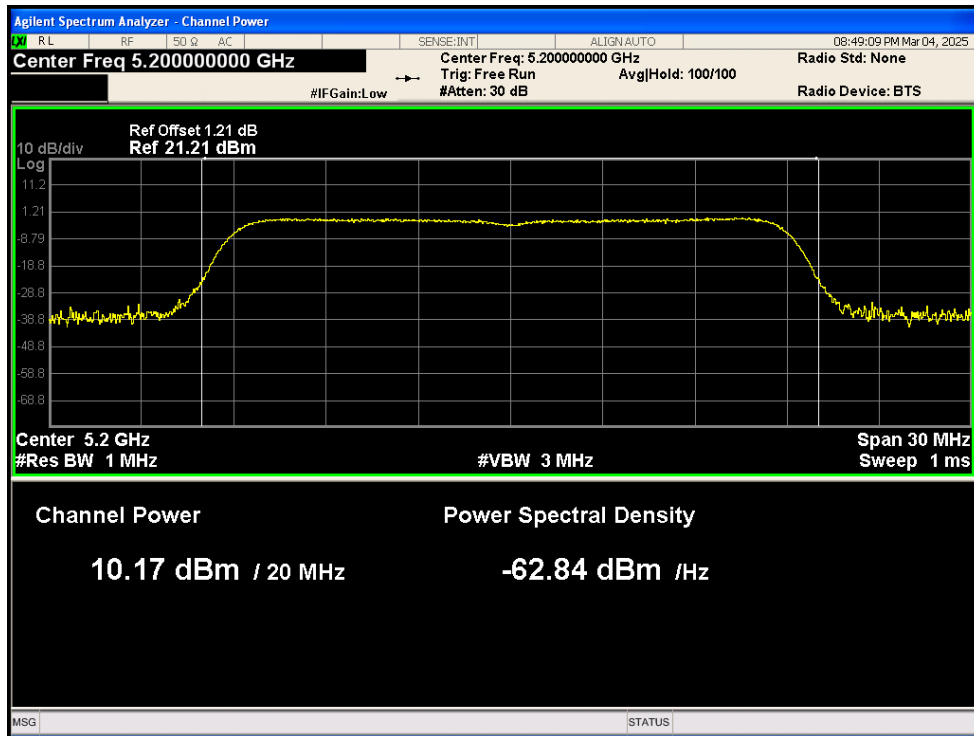
Power NVNT a 5240MHz Ant1



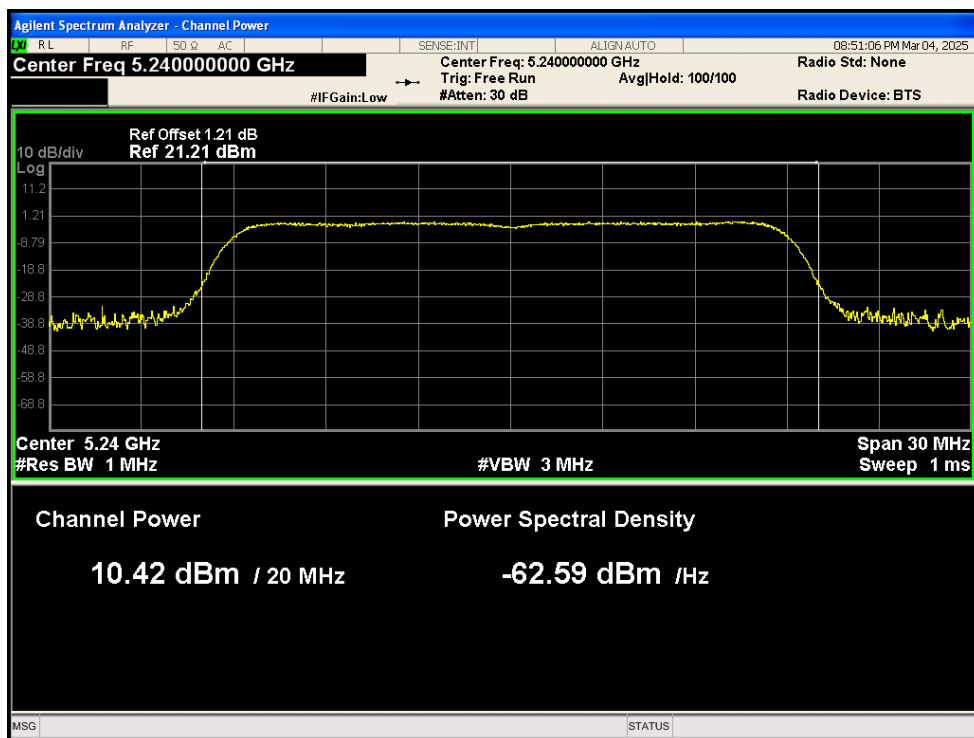
Power NVNT ac20 5180MHz Ant1



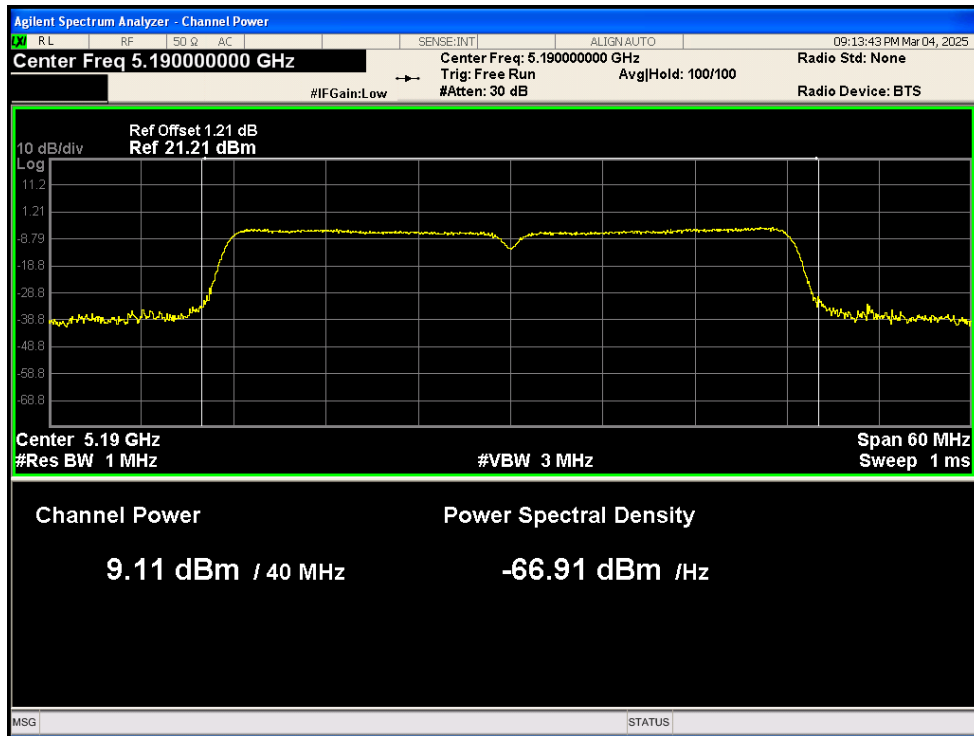
Power NVNT ac20 5200MHz Ant1



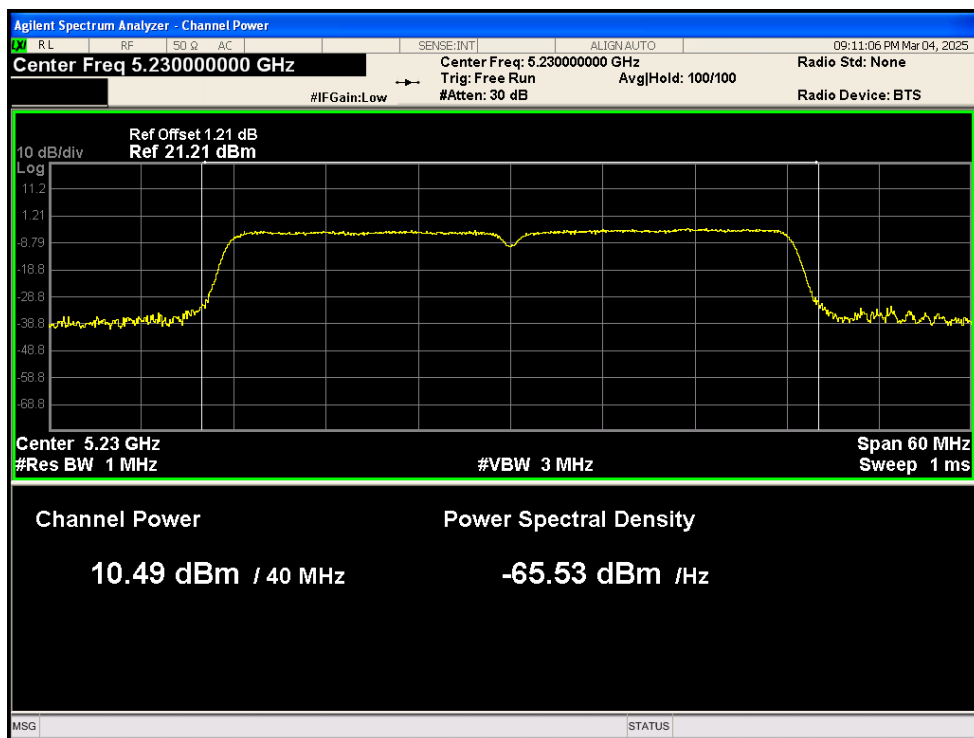
Power NVNT ac20 5240MHz Ant1



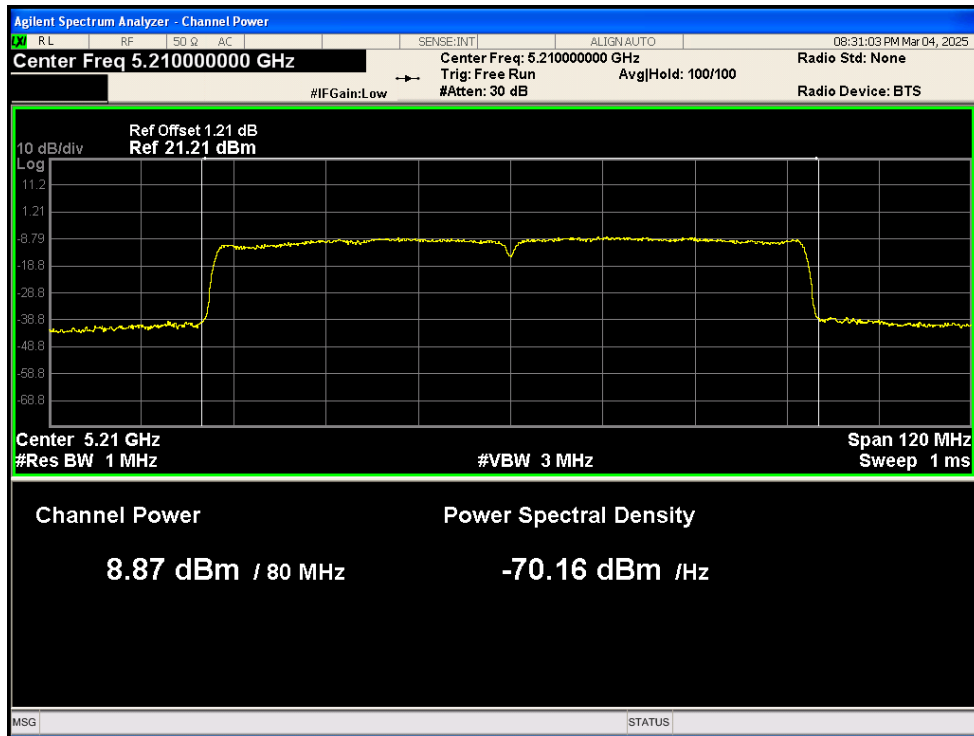
Power NVNT ac40 5190MHz Ant1



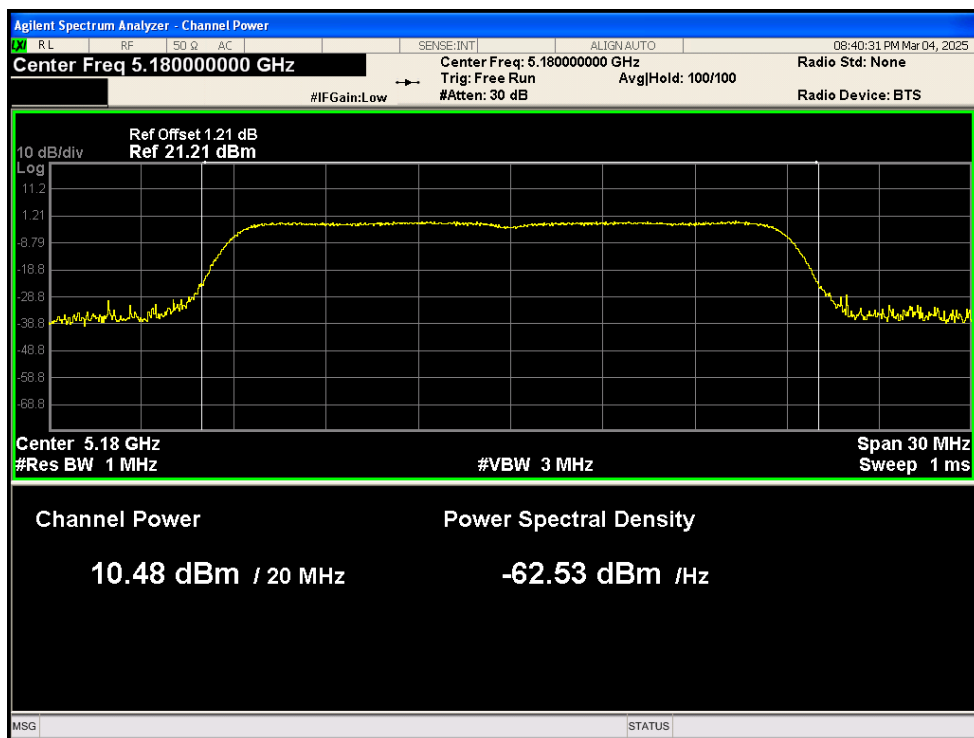
Power NVNT ac40 5230MHz Ant1



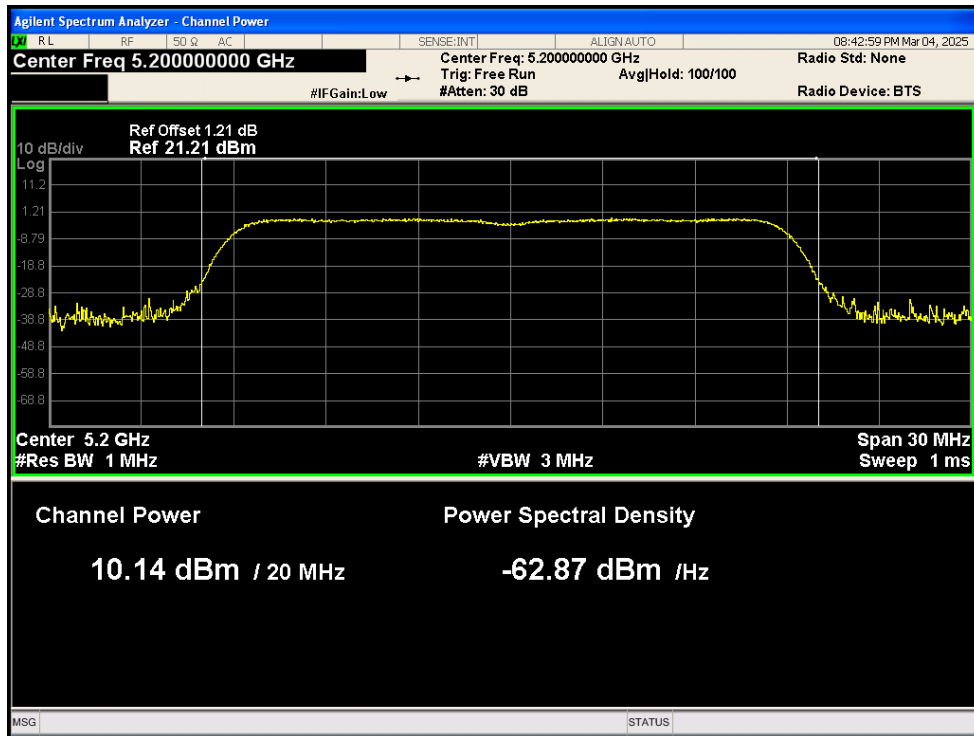
Power NVNT ac80 5210MHz Ant1



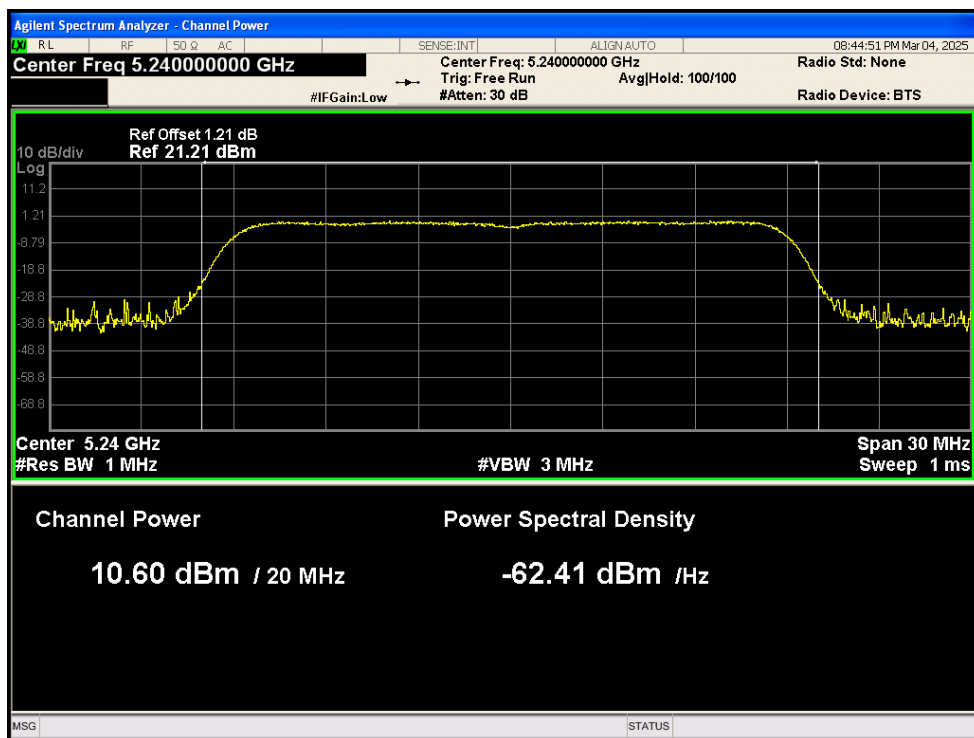
Power NVNT n20 5180MHz Ant1



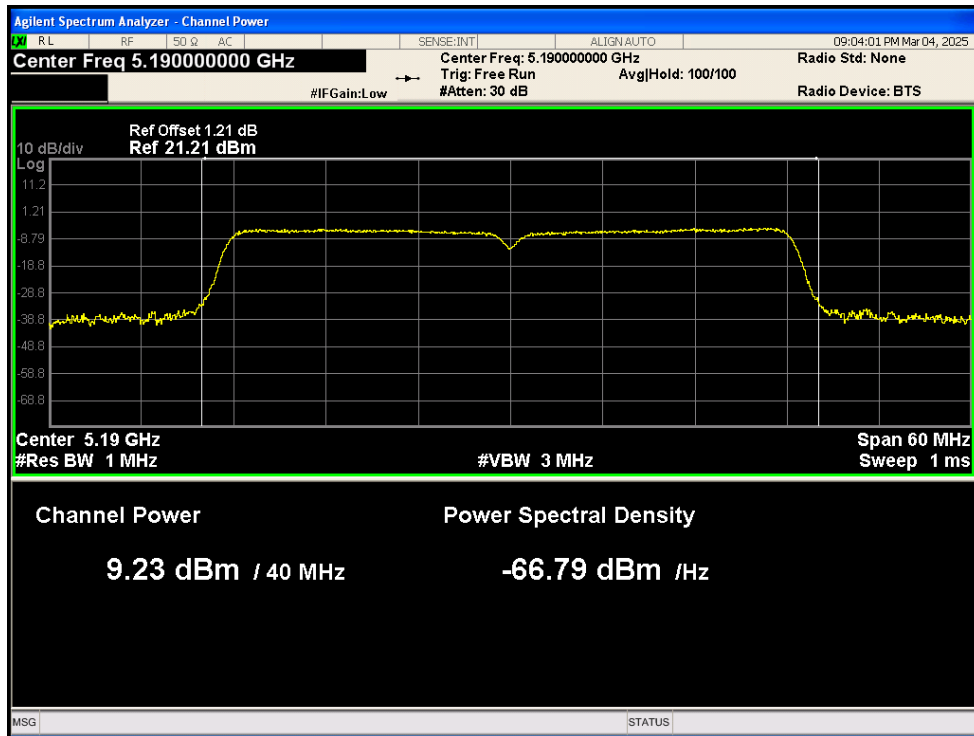
Power NVNT n20 5200MHz Ant1



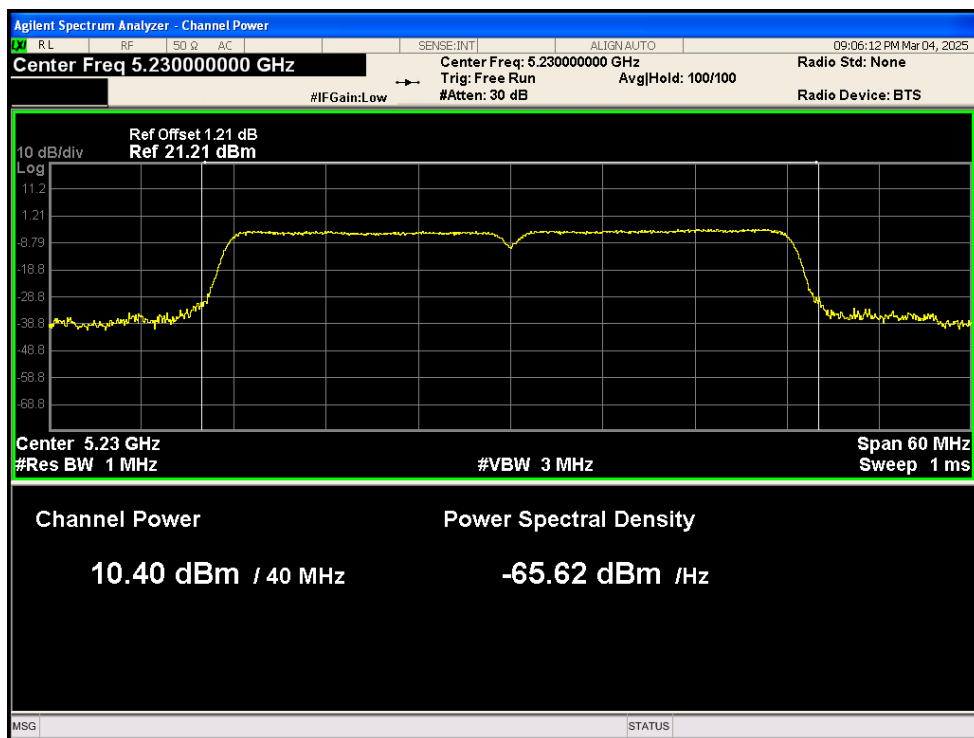
Power NVNT n20 5240MHz Ant1



Power NVNT n40 5190MHz Ant1



Power NVNT n40 5230MHz Ant1

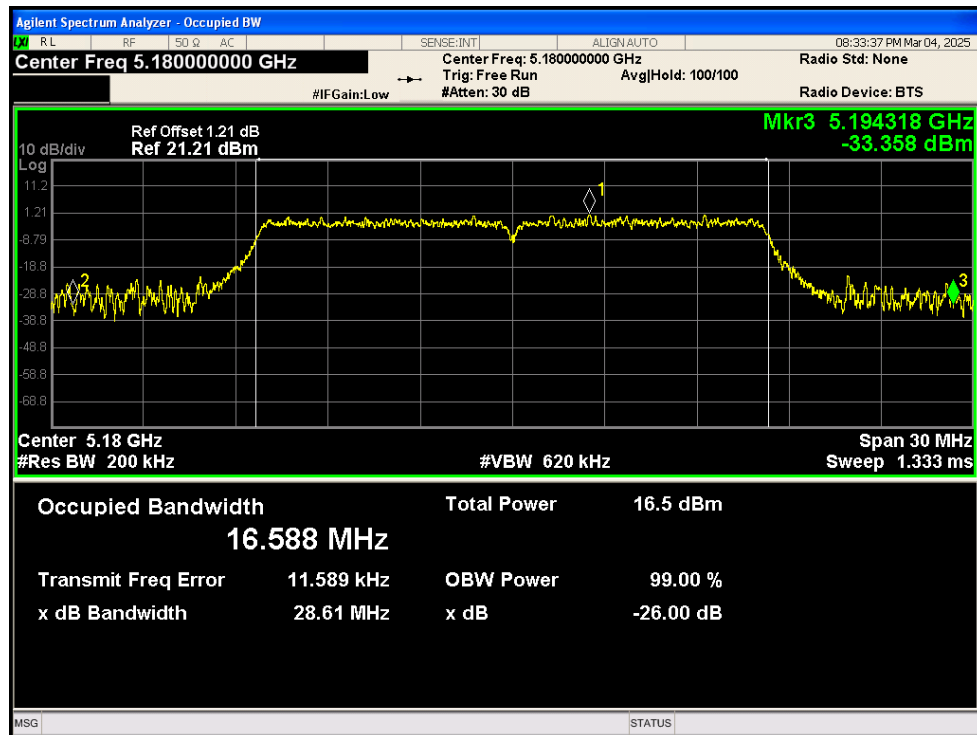


-26dB Bandwidth

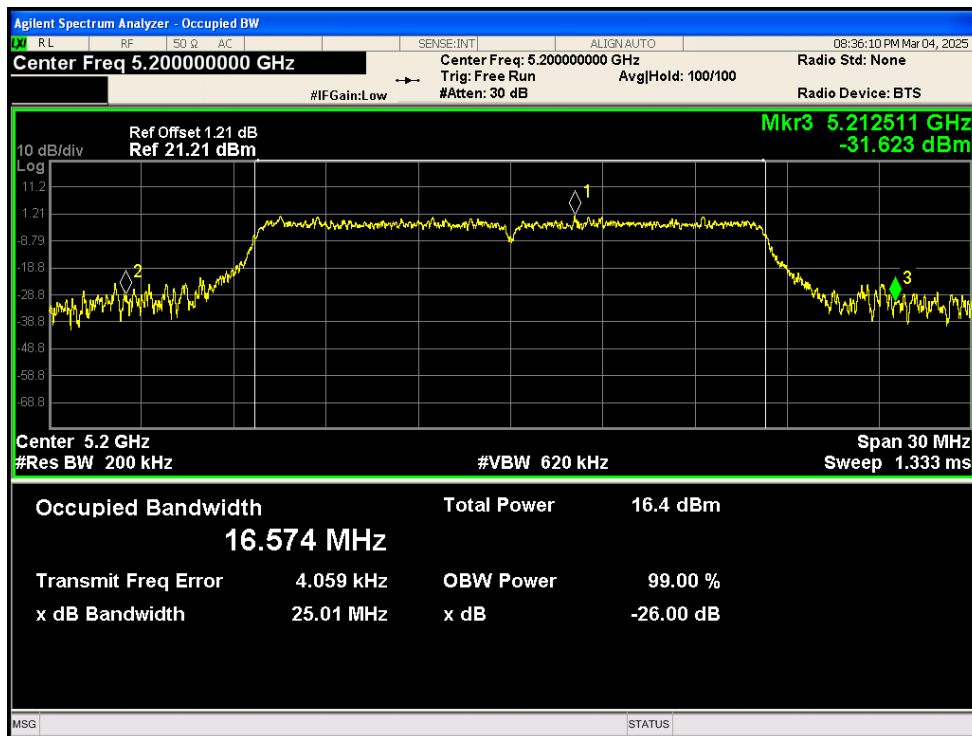
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	28.613
NVNT	a	5200	Ant1	25.014
NVNT	a	5240	Ant1	24.371
NVNT	ac20	5180	Ant1	27.687
NVNT	ac20	5200	Ant1	25.359

NVNT	ac20	5240	Ant1	25.965
NVNT	ac40	5190	Ant1	53.753
NVNT	ac40	5230	Ant1	54.6
NVNT	ac80	5210	Ant1	87.072
NVNT	n20	5180	Ant1	27.424
NVNT	n20	5200	Ant1	26.997
NVNT	n20	5240	Ant1	28.028
NVNT	n40	5190	Ant1	55.579
NVNT	n40	5230	Ant1	59.049

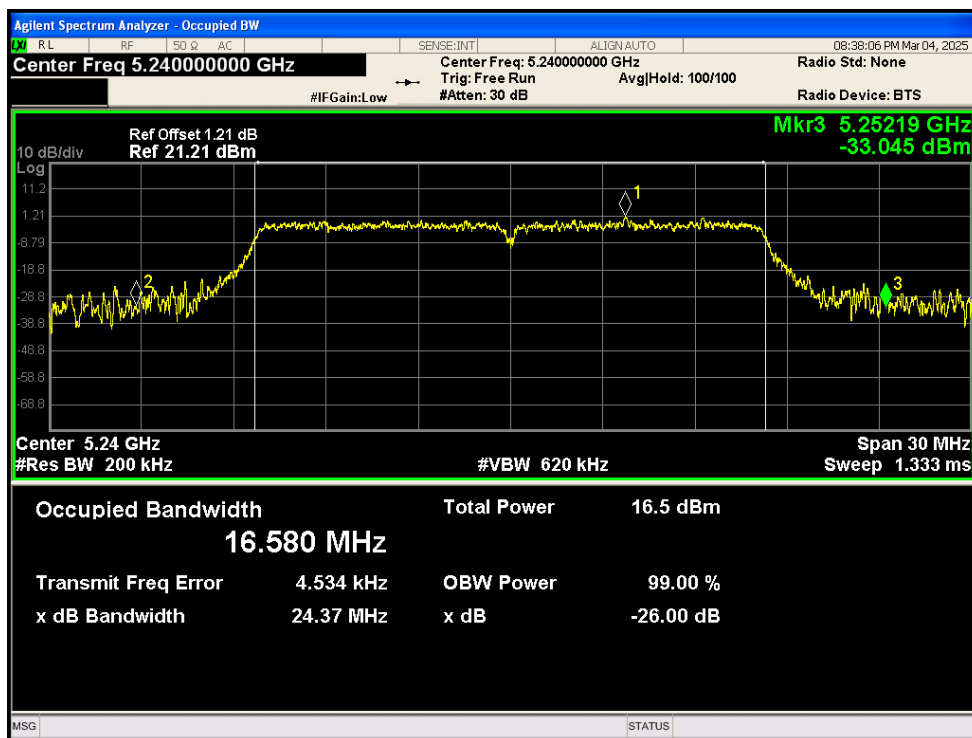
-26dB Bandwidth NVNT a 5180MHz Ant1



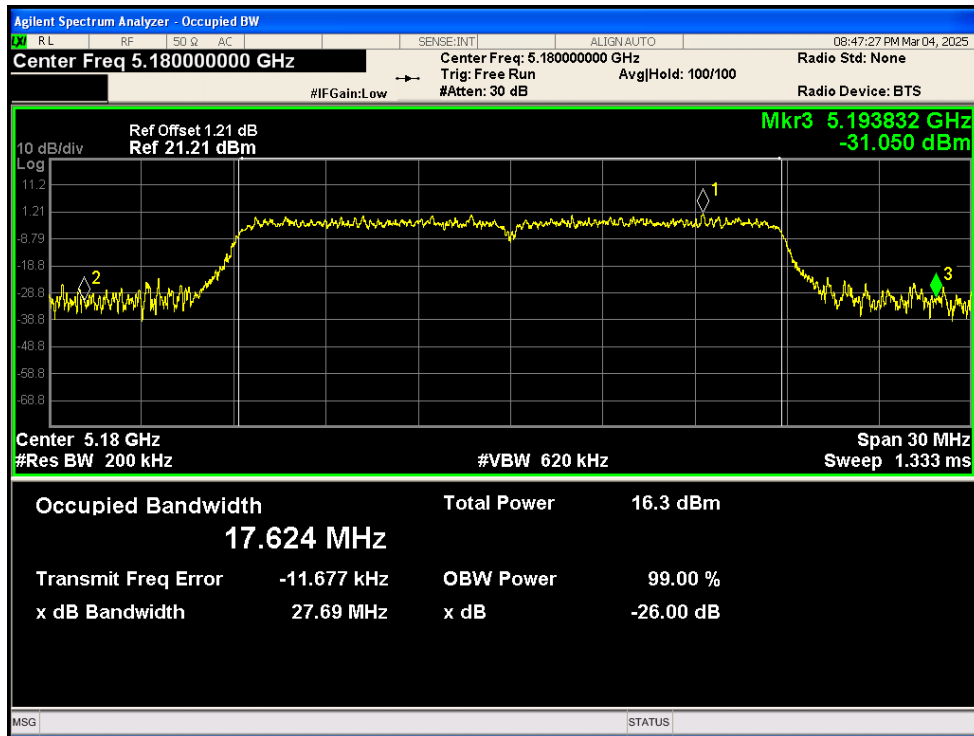
-26dB Bandwidth NVNT a 5200MHz Ant1



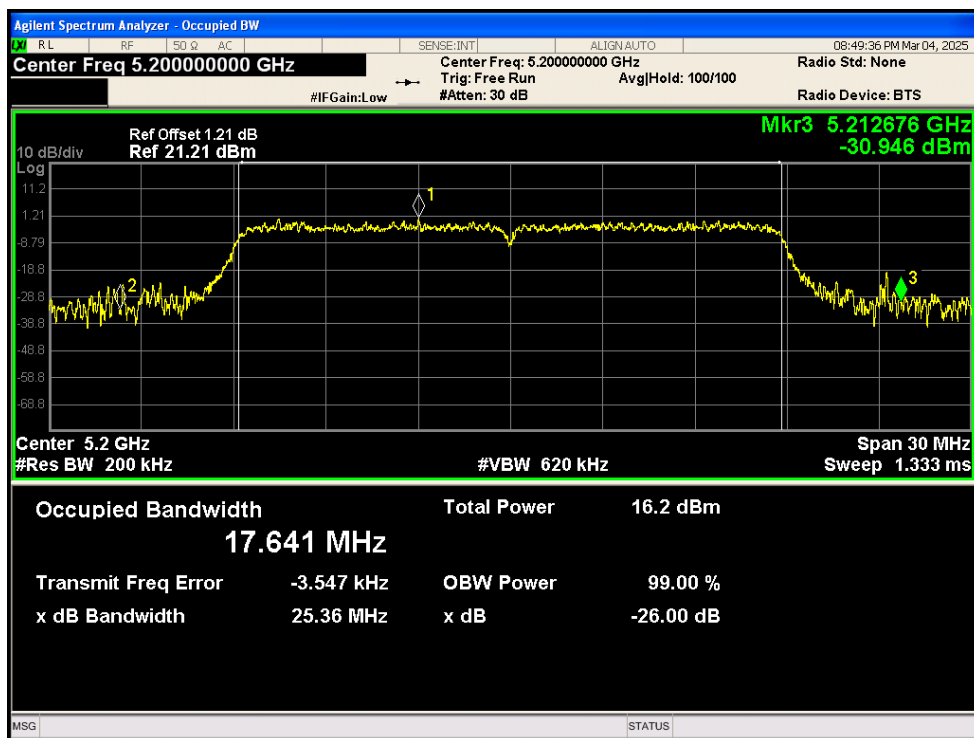
-26dB Bandwidth NVNT a 5240MHz Ant1



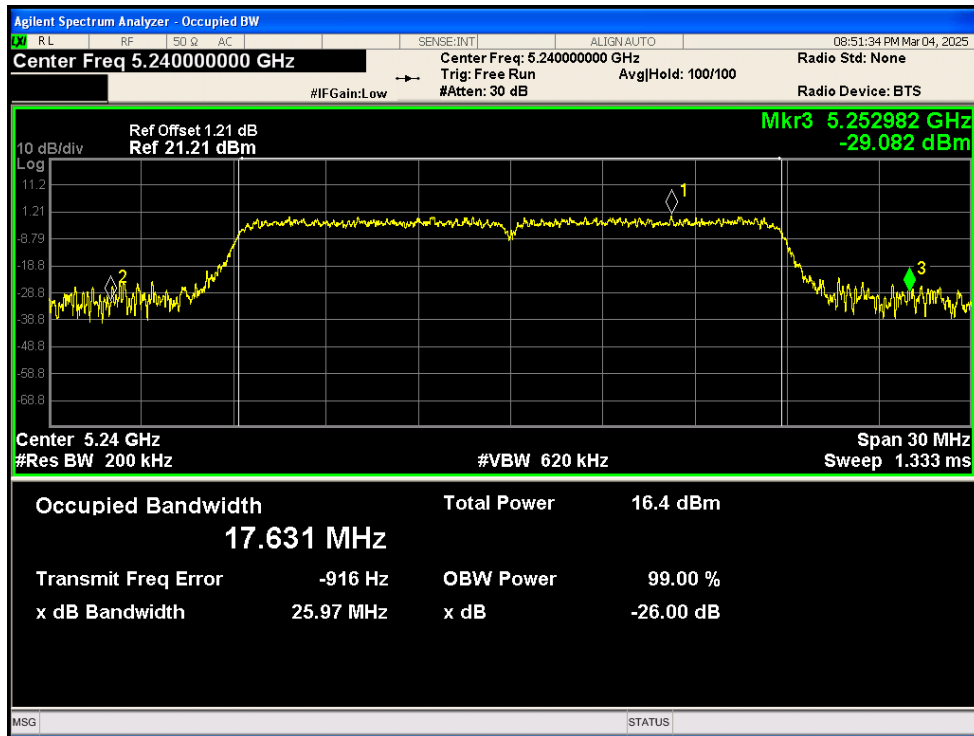
-26dB Bandwidth NVNT ac20 5180MHz Ant1



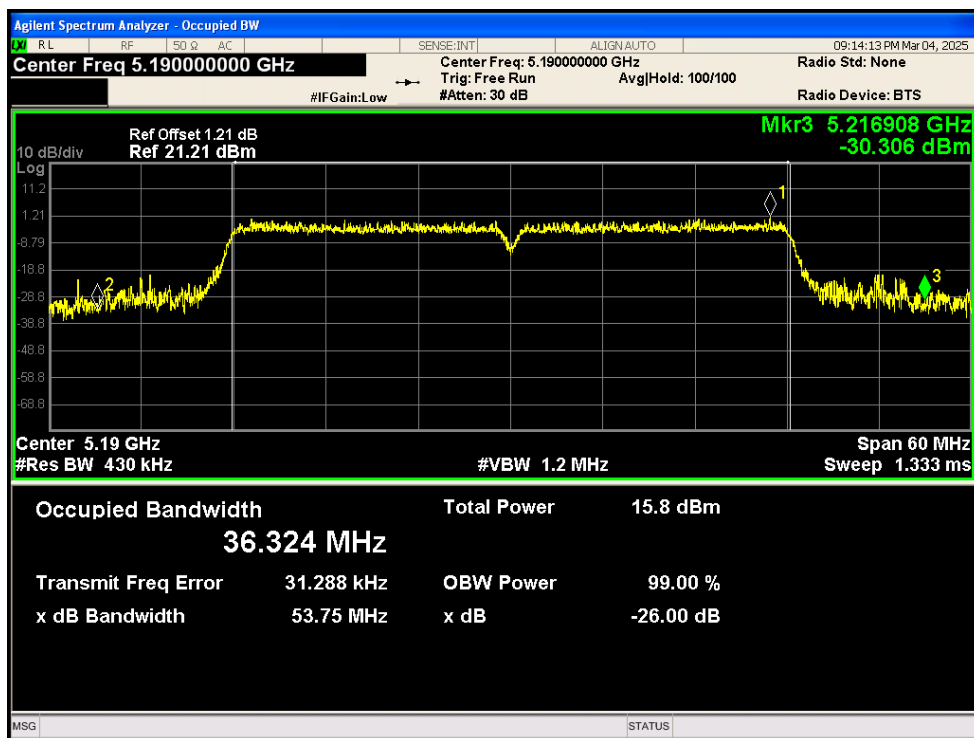
-26dB Bandwidth NVNT ac20 5200MHz Ant1



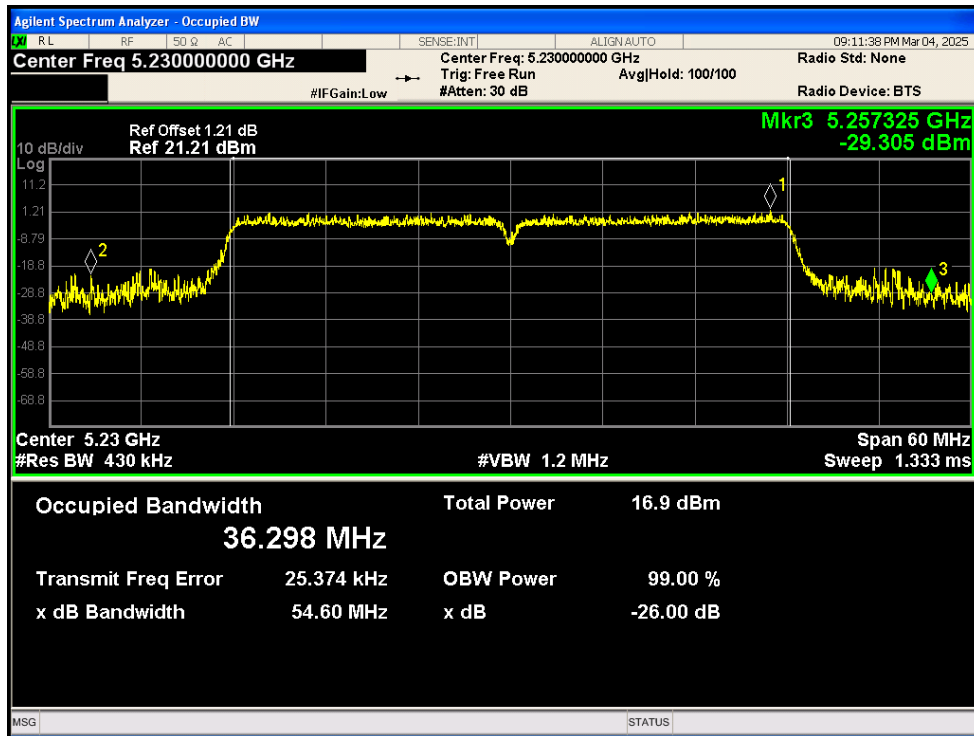
-26dB Bandwidth NVNT ac20 5240MHz Ant1



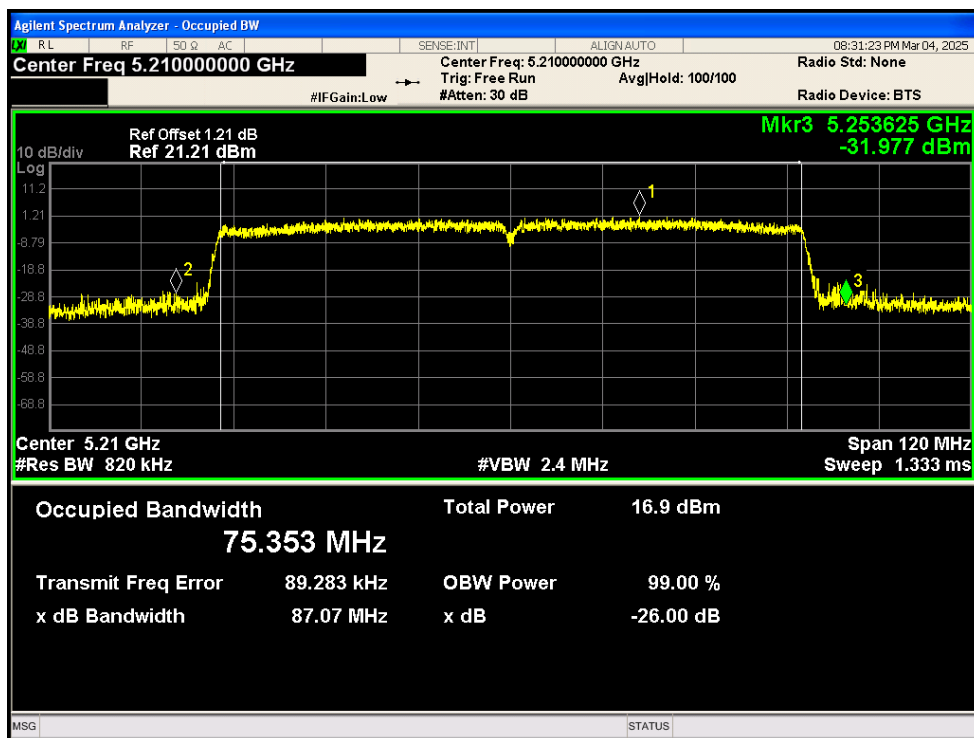
-26dB Bandwidth NVNT ac40 5190MHz Ant1



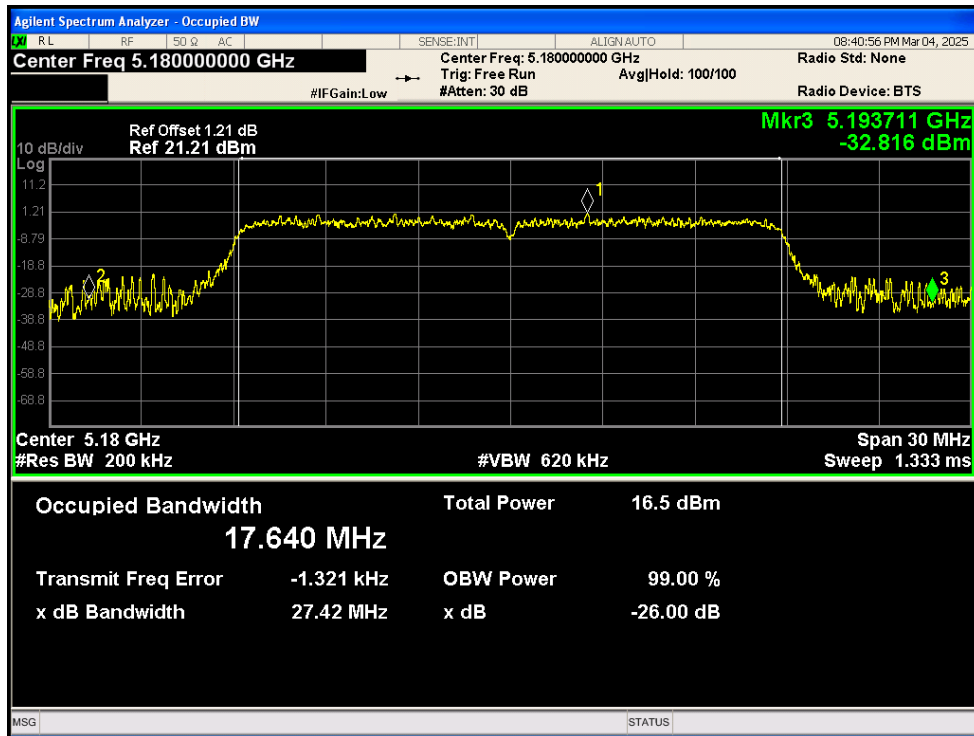
-26dB Bandwidth NVNT ac40 5230MHz Ant1



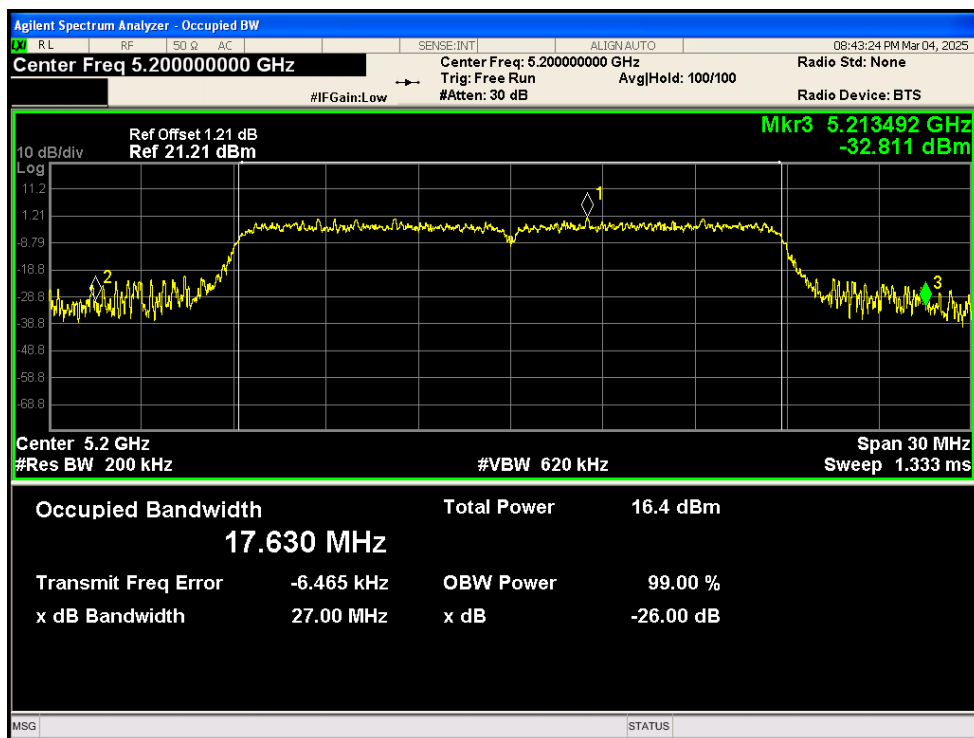
-26dB Bandwidth NVNT ac80 5210MHz Ant1



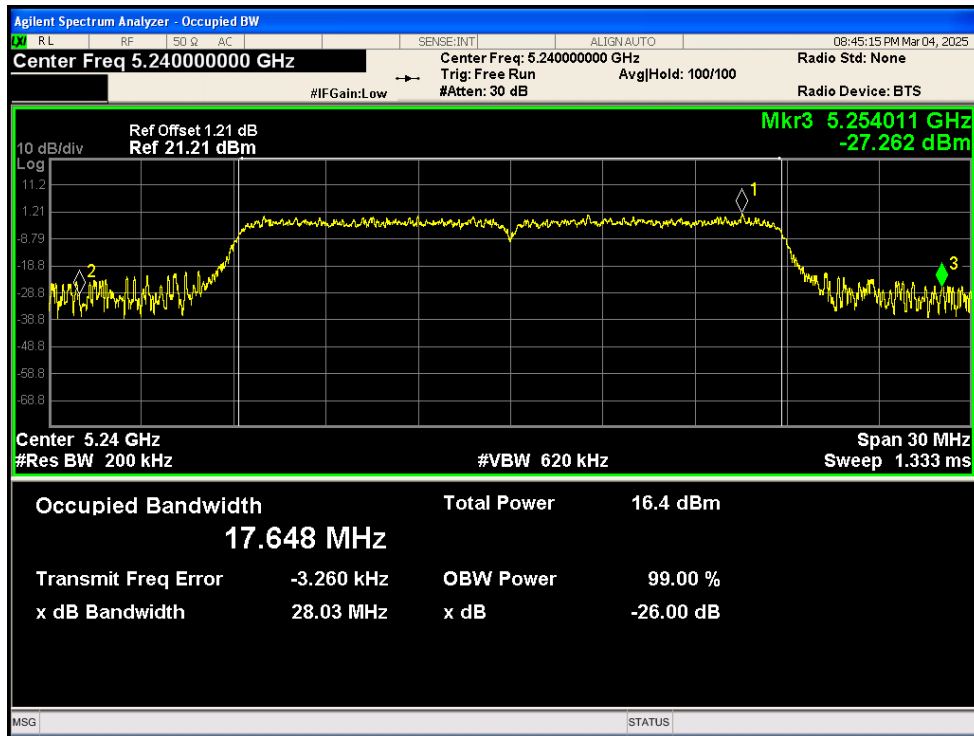
-26dB Bandwidth NVNT n20 5180MHz Ant1



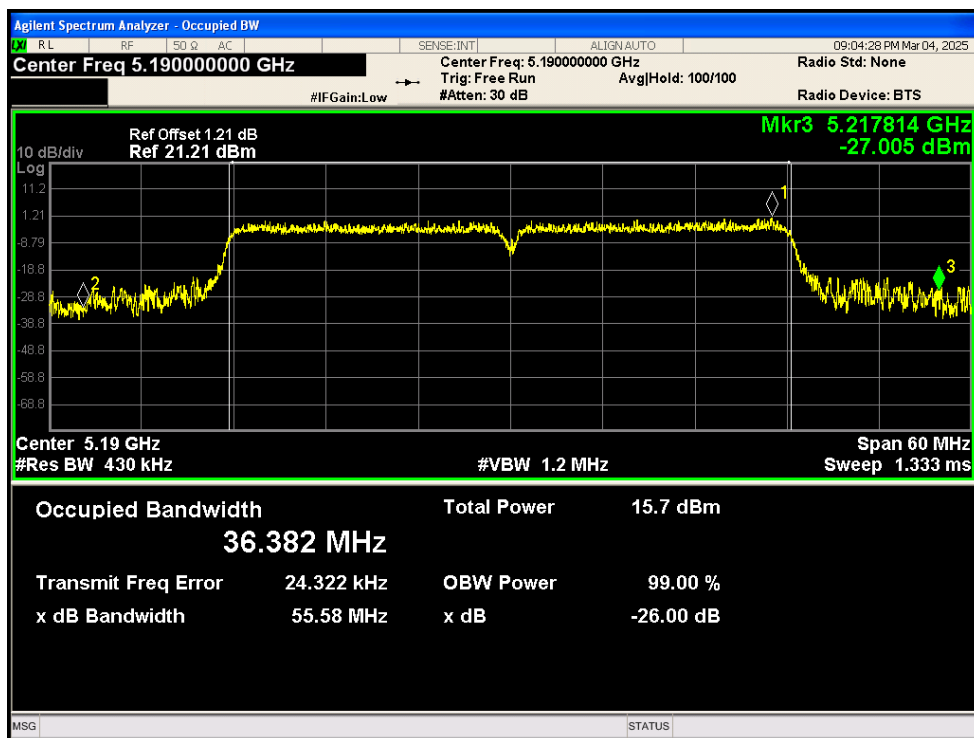
-26dB Bandwidth NVNT n20 5200MHz Ant1



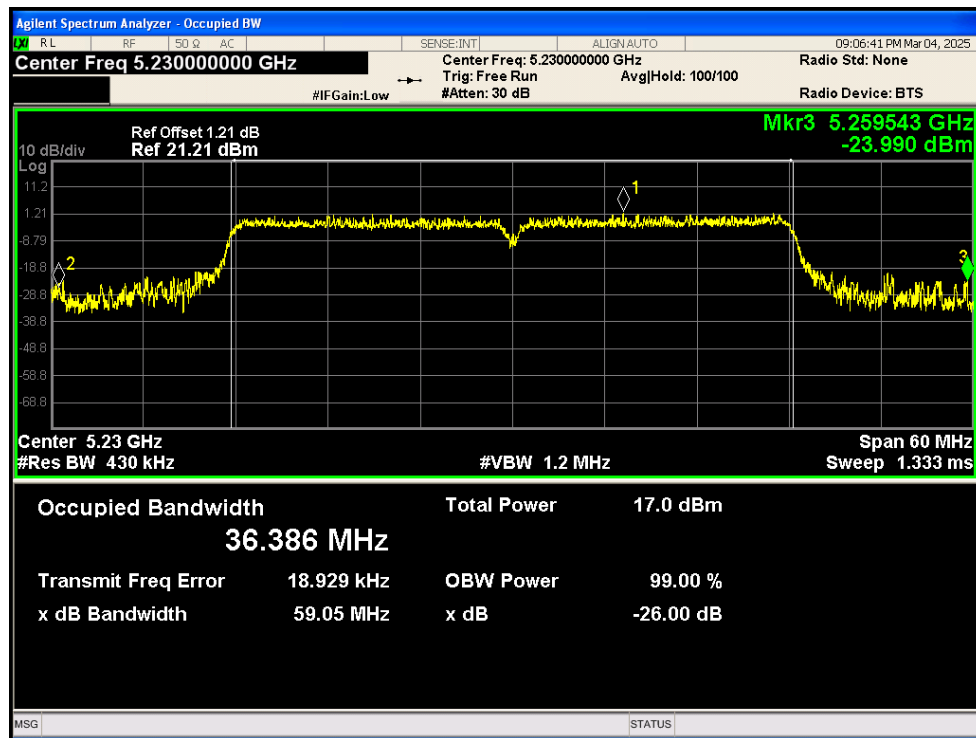
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



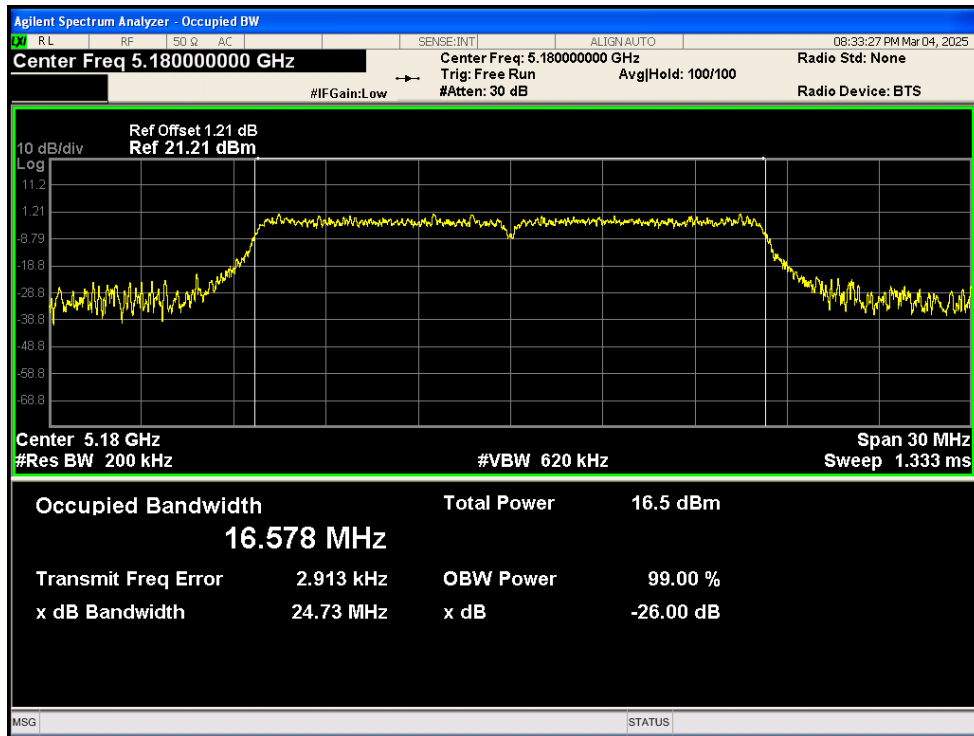
-26dB Bandwidth NVNT n40 5230MHz Ant1



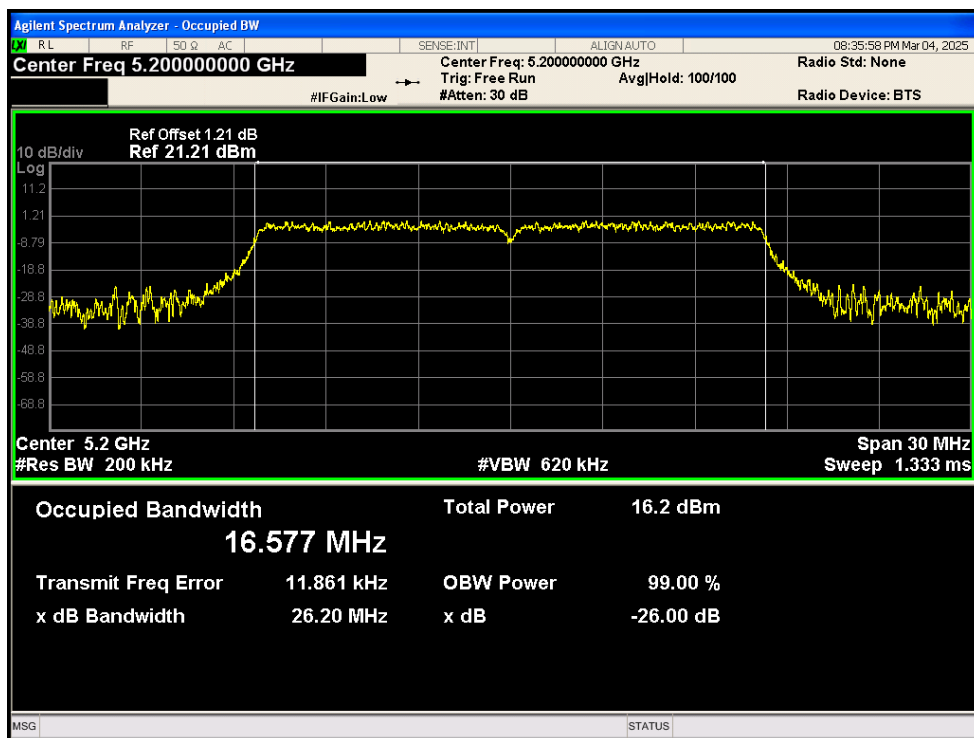
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.578
NVNT	a	5200	Ant1	16.577
NVNT	a	5240	Ant1	16.58
NVNT	ac20	5180	Ant1	17.618
NVNT	ac20	5200	Ant1	17.63
NVNT	ac20	5240	Ant1	17.616
NVNT	ac40	5190	Ant1	36.4
NVNT	ac40	5230	Ant1	36.373
NVNT	ac80	5210	Ant1	75.371
NVNT	n20	5180	Ant1	17.641
NVNT	n20	5200	Ant1	17.662
NVNT	n20	5240	Ant1	17.664
NVNT	n40	5190	Ant1	36.306
NVNT	n40	5230	Ant1	36.333

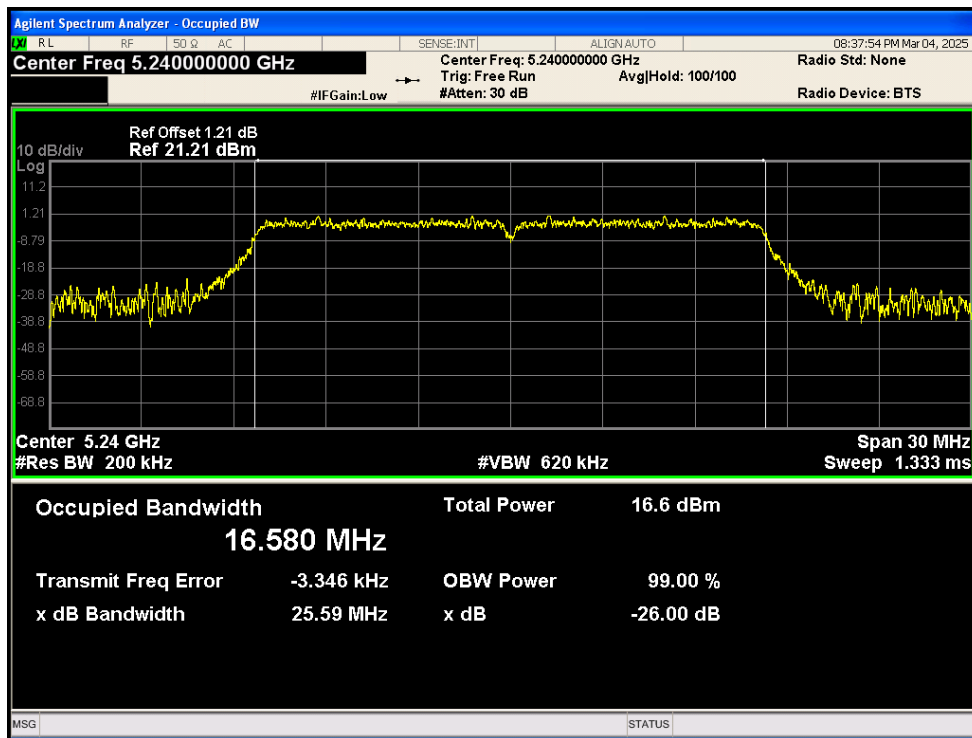
OBW NVNT a 5180MHz Ant1



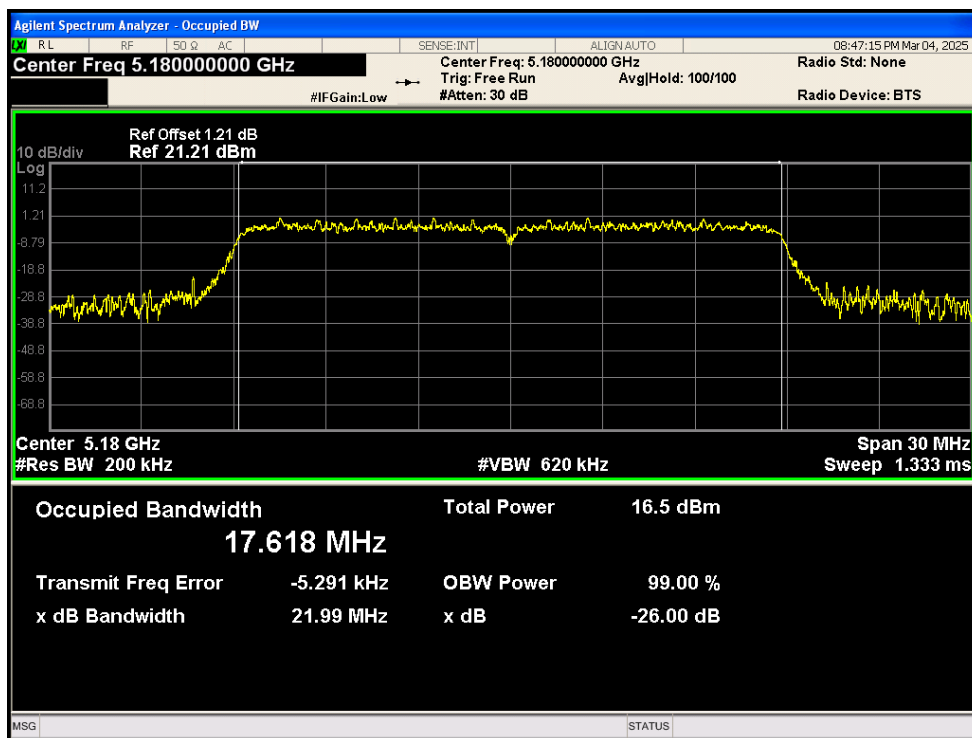
OBW NVNT a 5200MHz Ant1



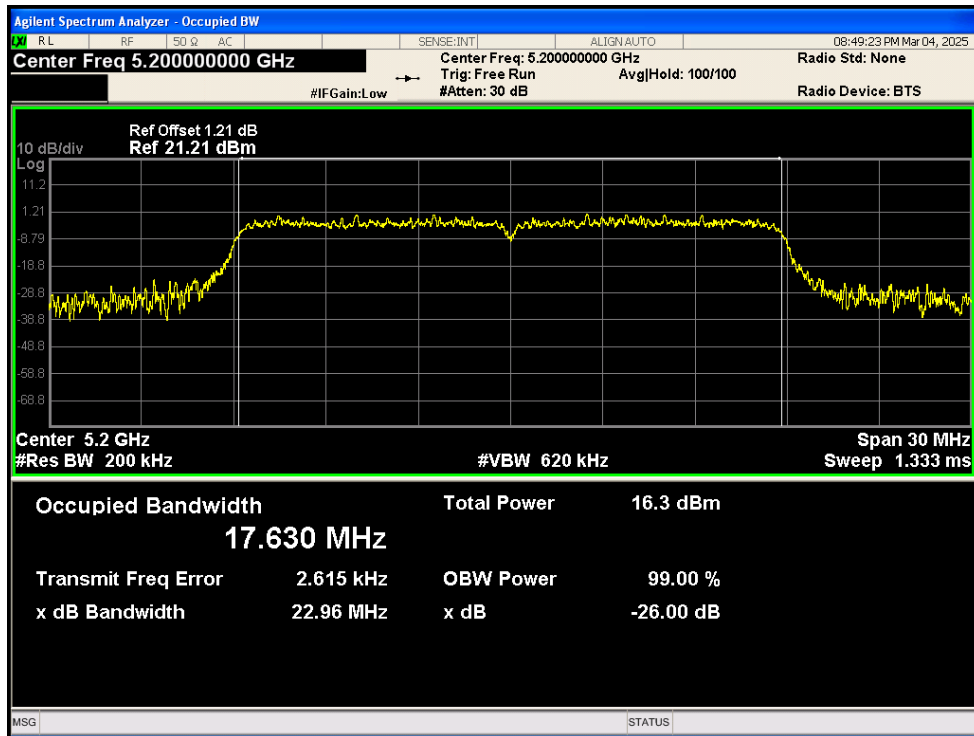
OBW NVNT a 5240MHz Ant1



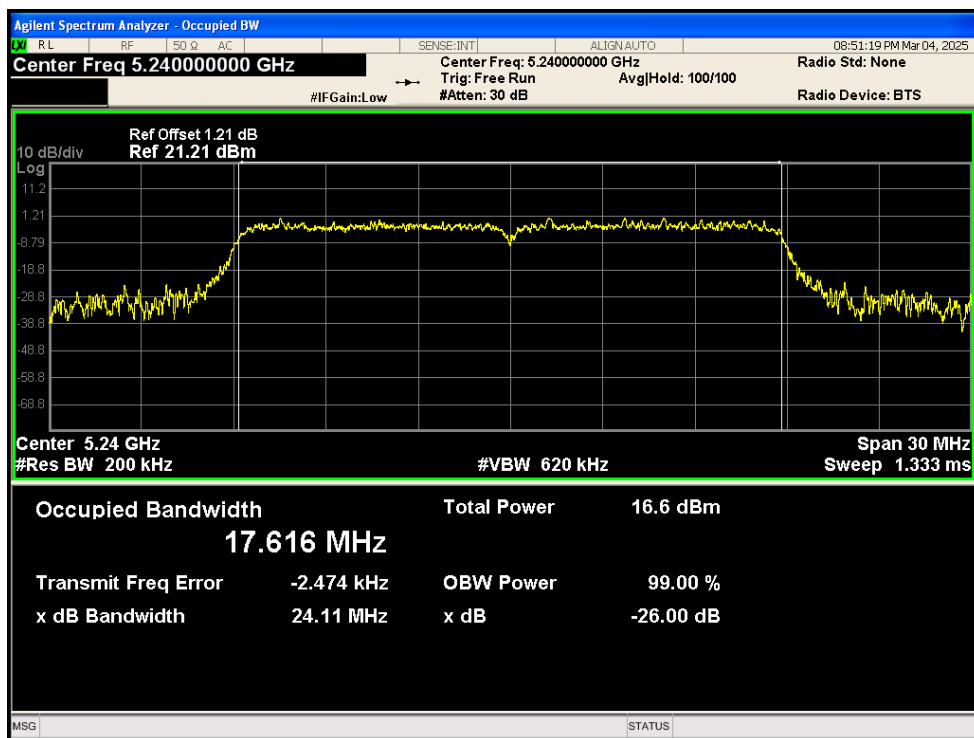
OBW NVNT ac20 5180MHz Ant1



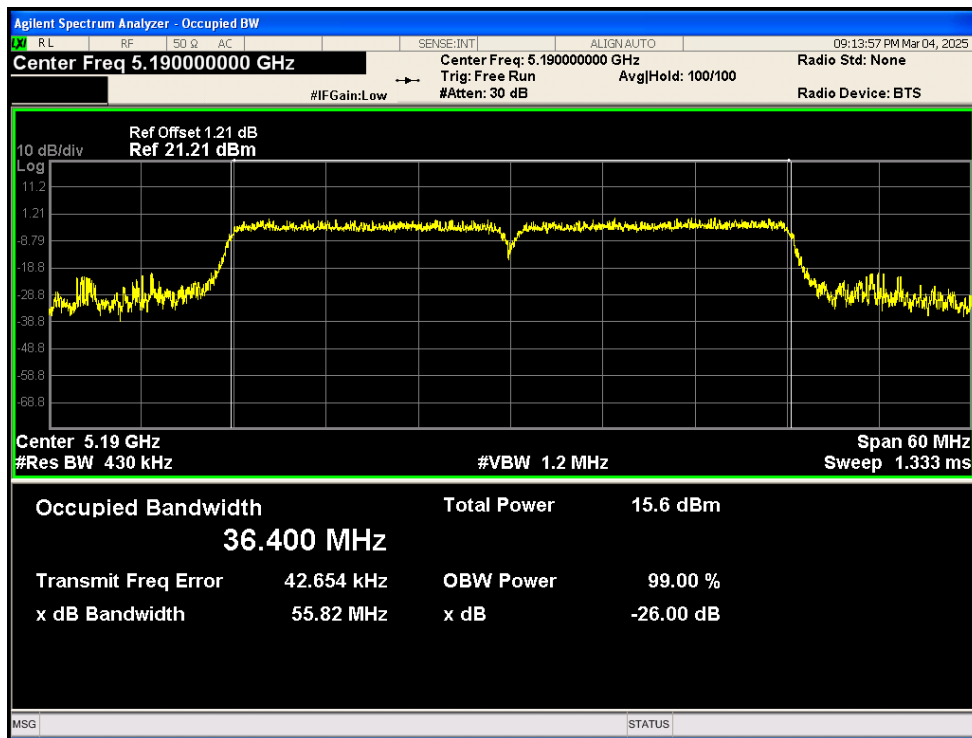
OBW NVNT ac20 5200MHz Ant1



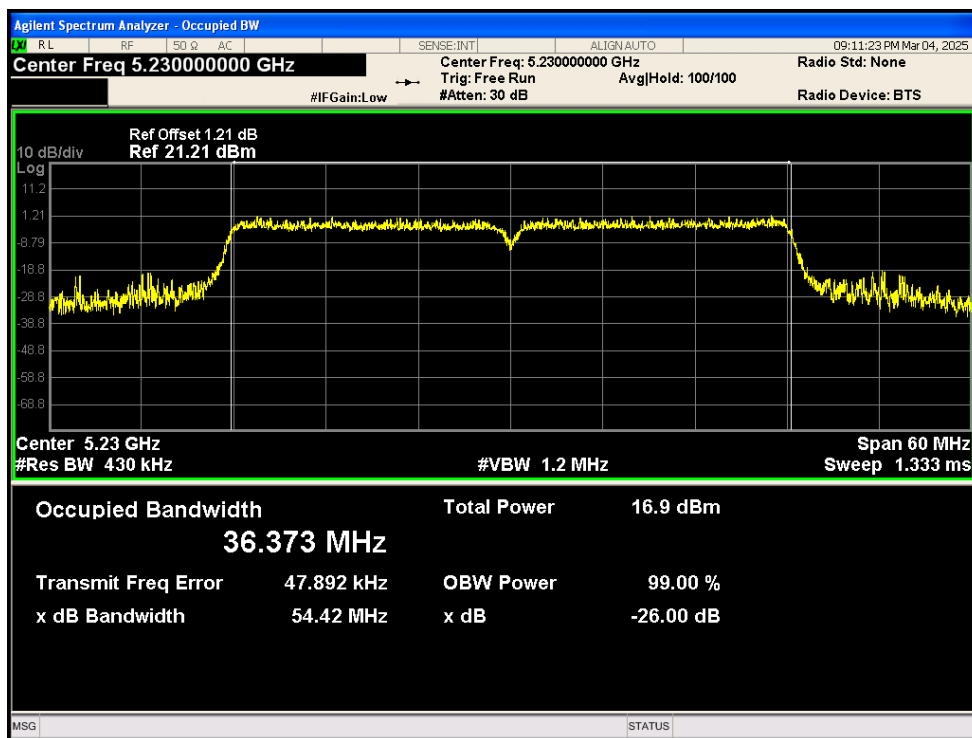
OBW NVNT ac20 5240MHz Ant1



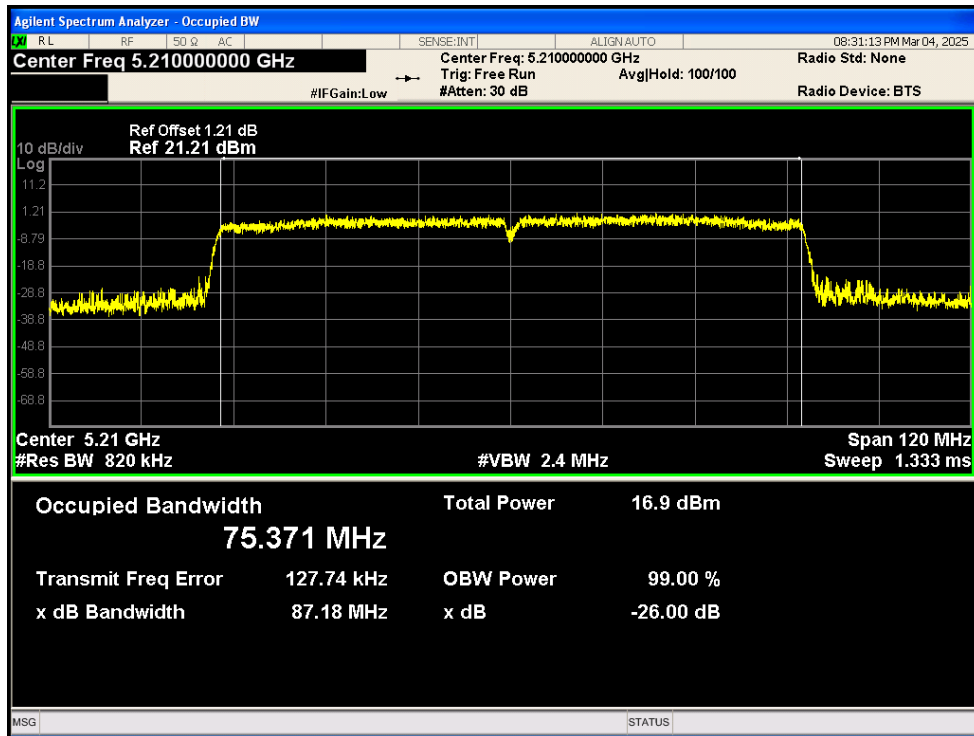
OBW NVNT ac40 5190MHz Ant1



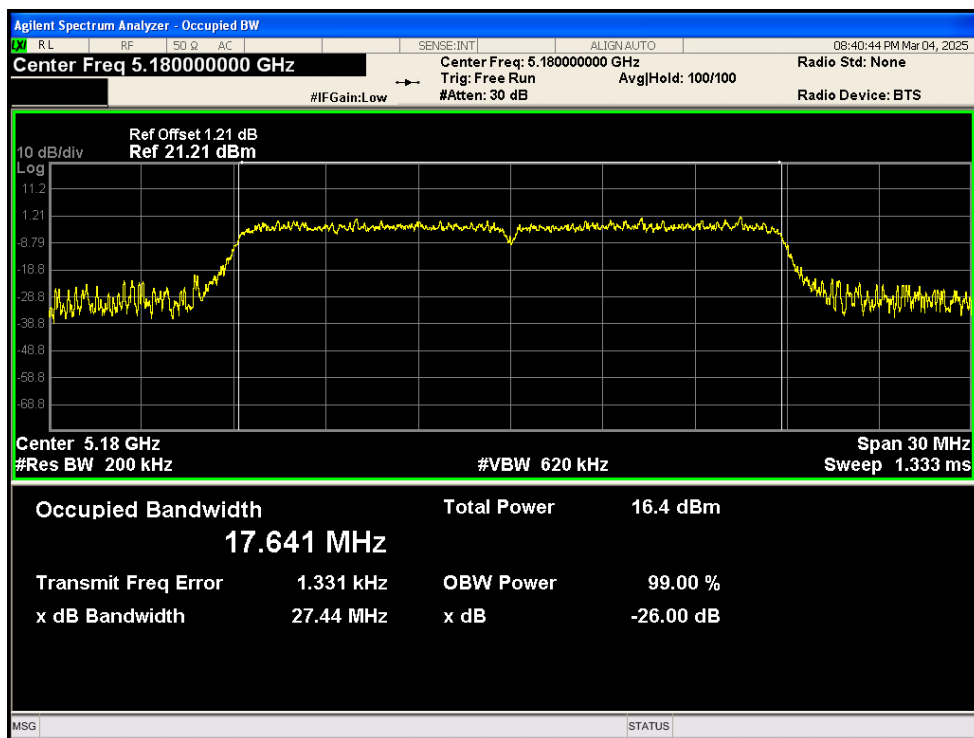
OBW NVNT ac40 5230MHz Ant1



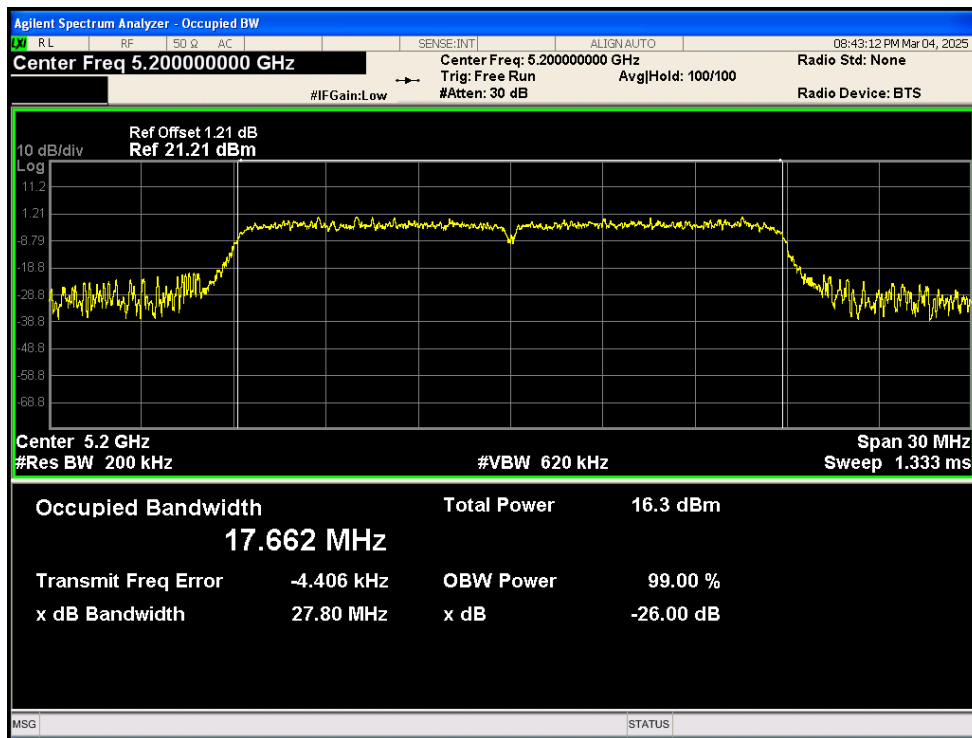
OBW NVNT ac80 5210MHz Ant1



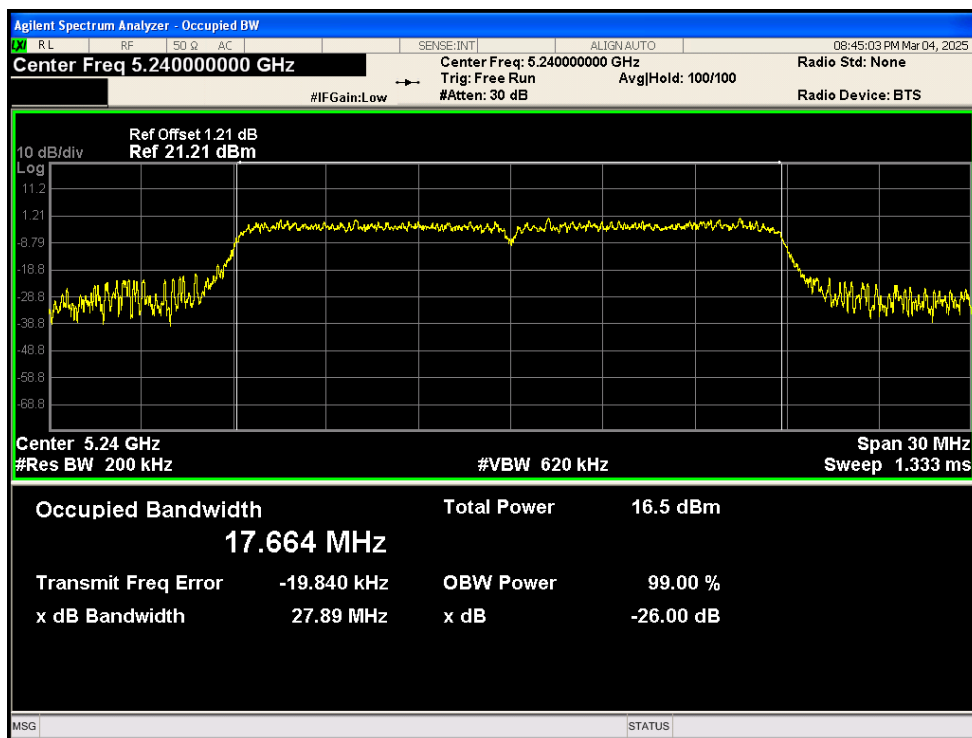
OBW NVNT n20 5180MHz Ant1



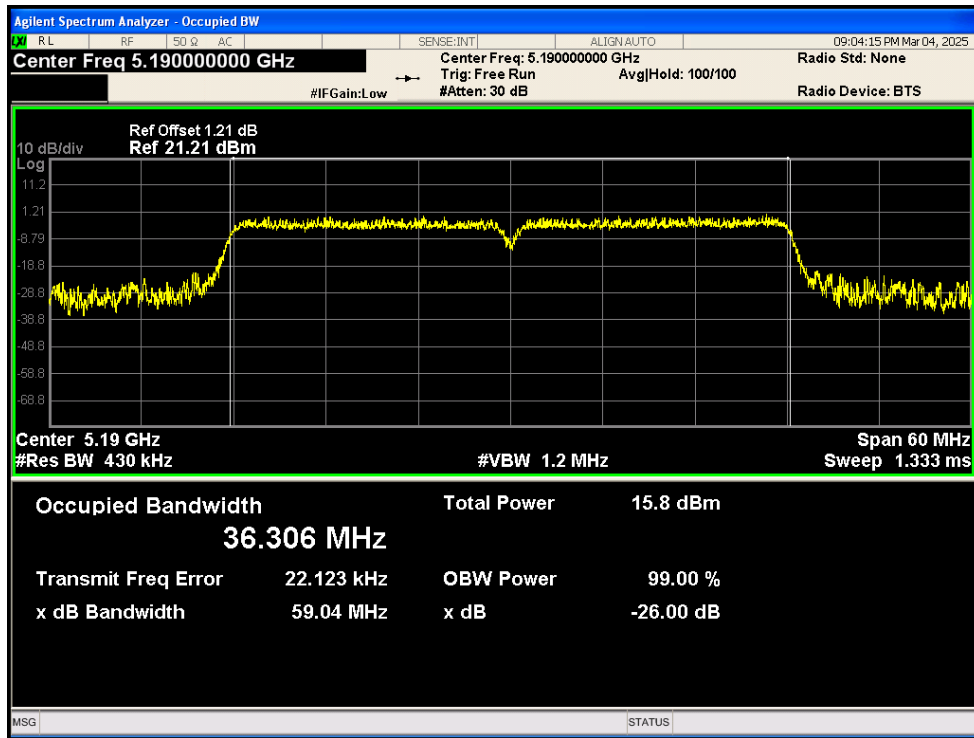
OBW NVNT n20 5200MHz Ant1



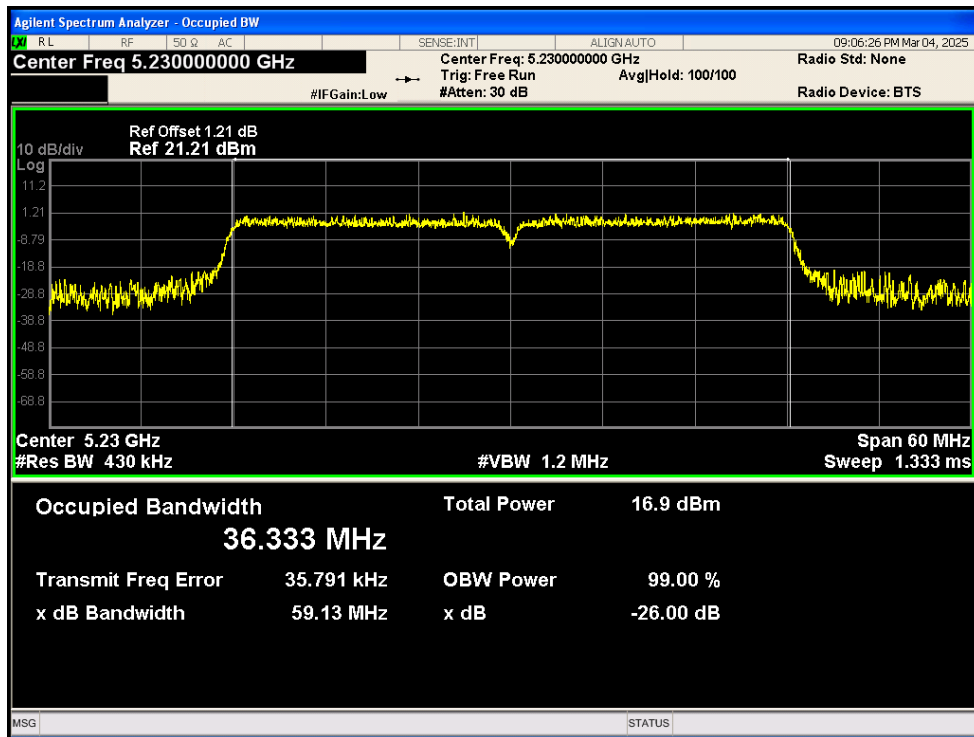
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

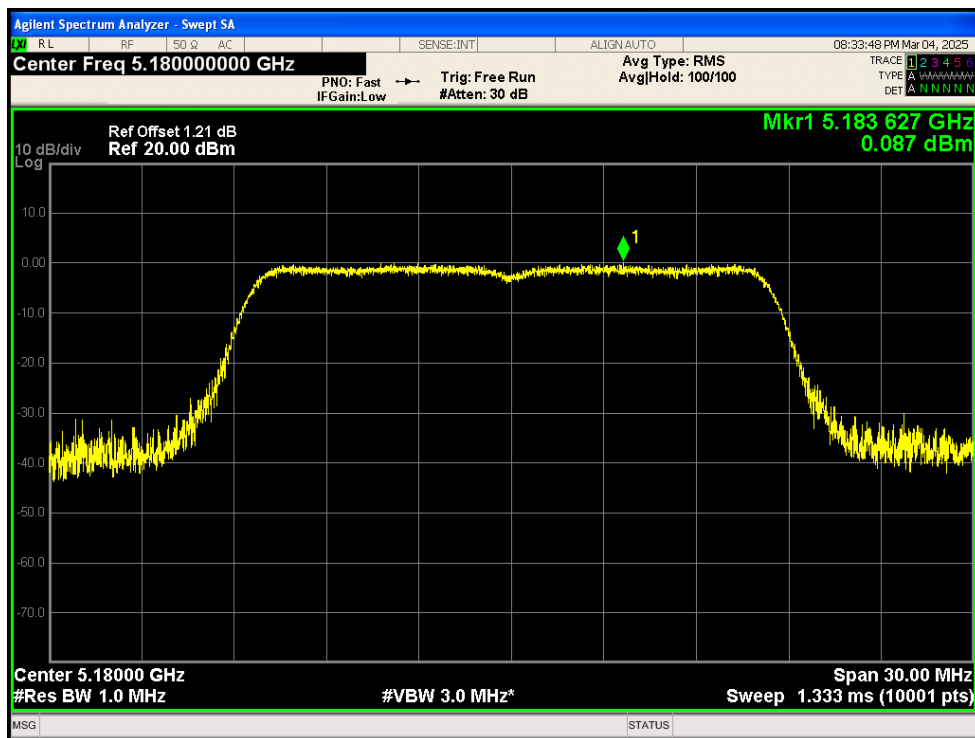


Maximum Power Spectral Density Level

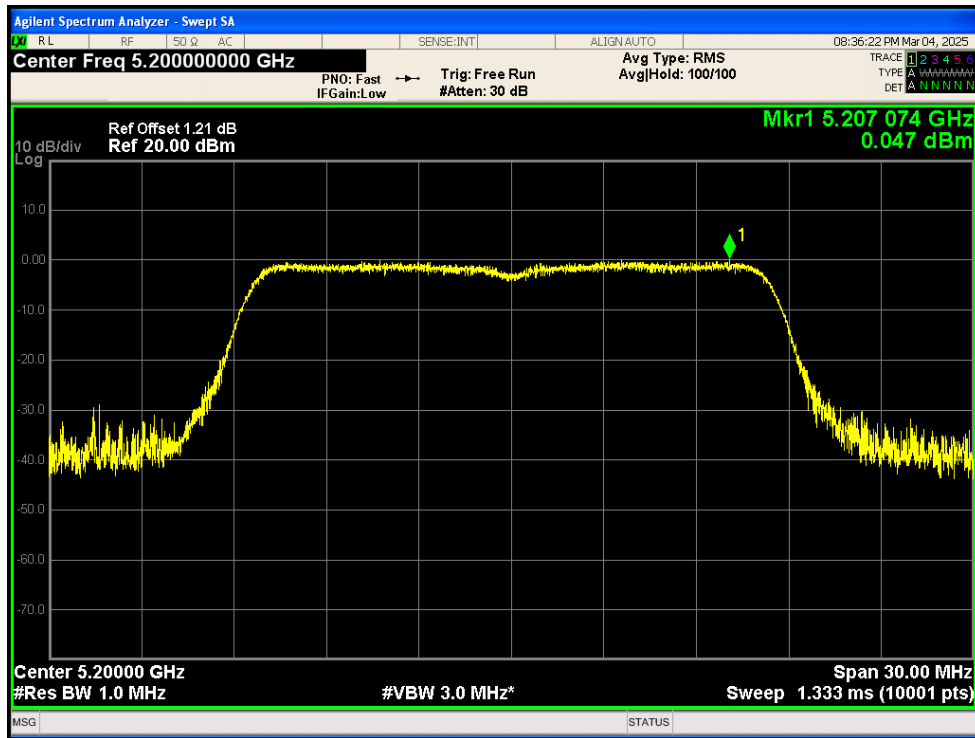
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Correction Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	0.087	0.47	0.557	11	Pass
NVNT	a	5200	Ant1	0.047	0.43	0.477	11	Pass
NVNT	a	5240	Ant1	-0.045	0.42	0.375	11	Pass
NVNT	ac20	5180	Ant1	-0.055	0.52	0.465	11	Pass

NVNT	ac20	5200	Ant1	-0.497	0.5	0.003	11	Pass
NVNT	ac20	5240	Ant1	-0.086	0.5	0.414	11	Pass
NVNT	ac40	5190	Ant1	-4.271	0.97	-3.301	11	Pass
NVNT	ac40	5230	Ant1	-2.933	0.96	-1.973	11	Pass
NVNT	ac80	5210	Ant1	-7.618	1.67	-5.948	11	Pass
NVNT	n20	5180	Ant1	-0.255	0.54	0.285	11	Pass
NVNT	n20	5200	Ant1	-0.231	0.51	0.279	11	Pass
NVNT	n20	5240	Ant1	-0.051	0.51	0.459	11	Pass
NVNT	n40	5190	Ant1	-4.643	0.98	-3.663	11	Pass
NVNT	n40	5230	Ant1	-3.402	0.95	-2.452	11	Pass

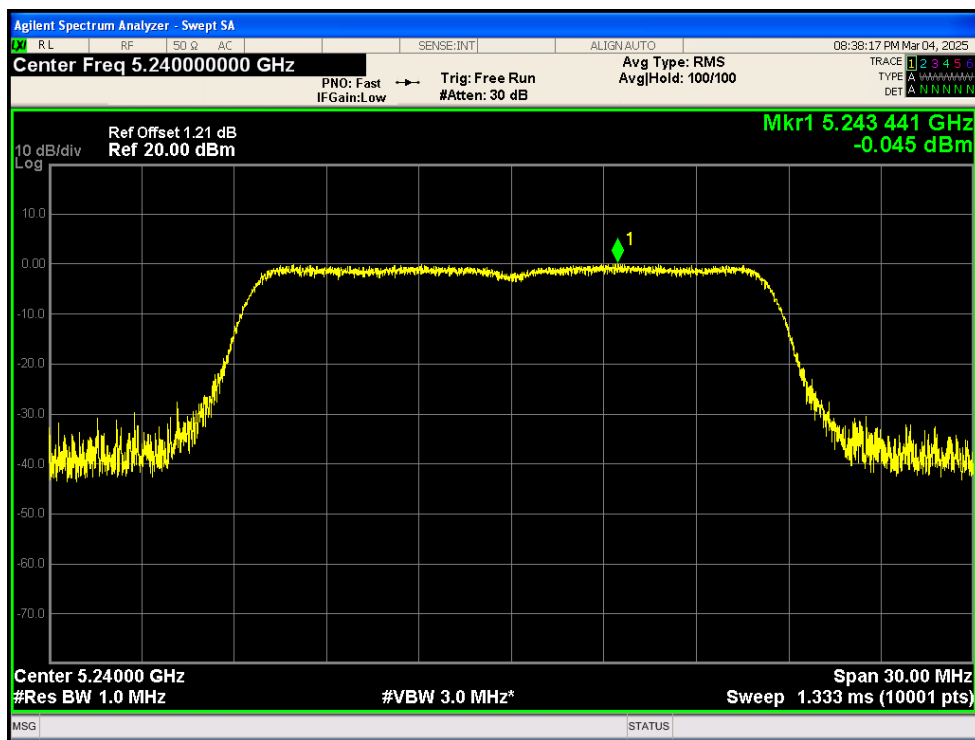
PSD NVNT a 5180MHz Ant1



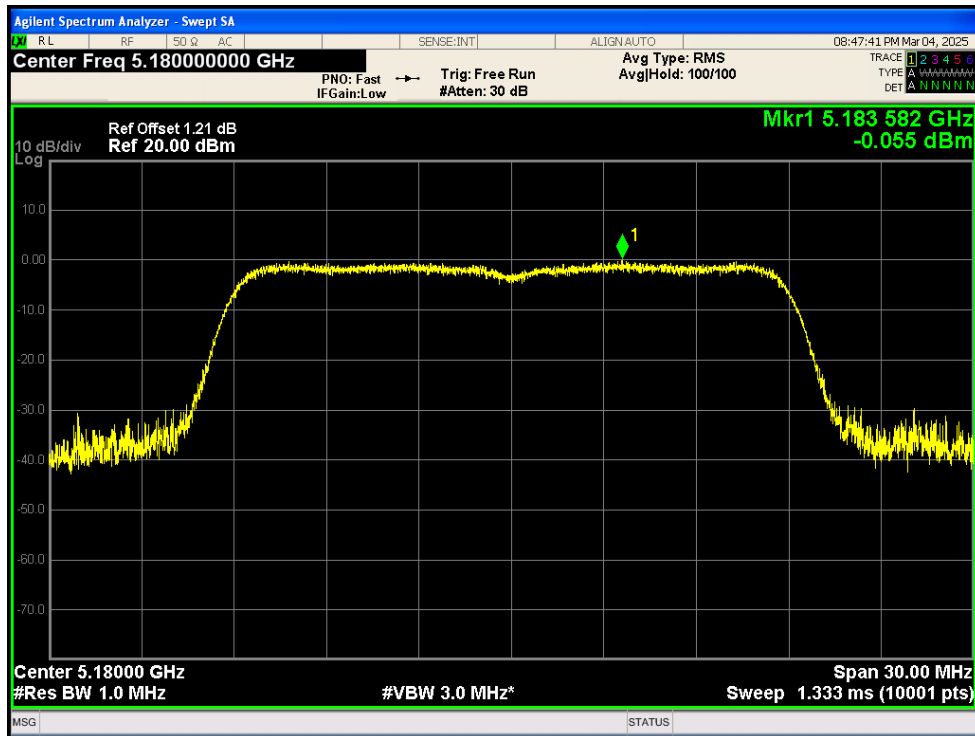
PSD NVNT a 5200MHz Ant1



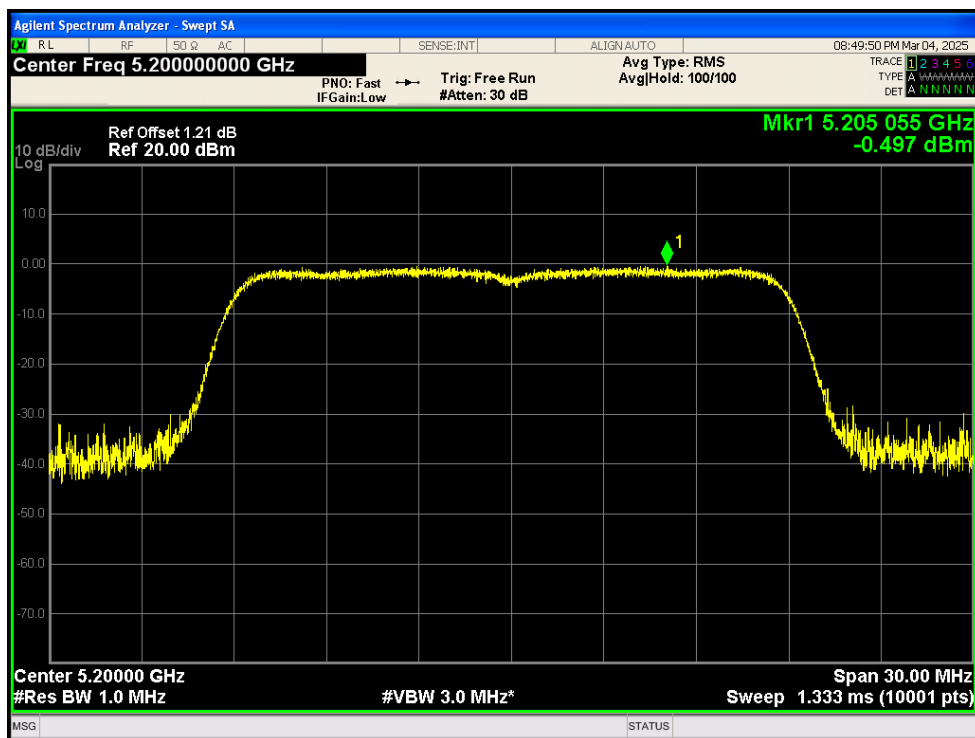
PSD NVNT a 5240MHz Ant1



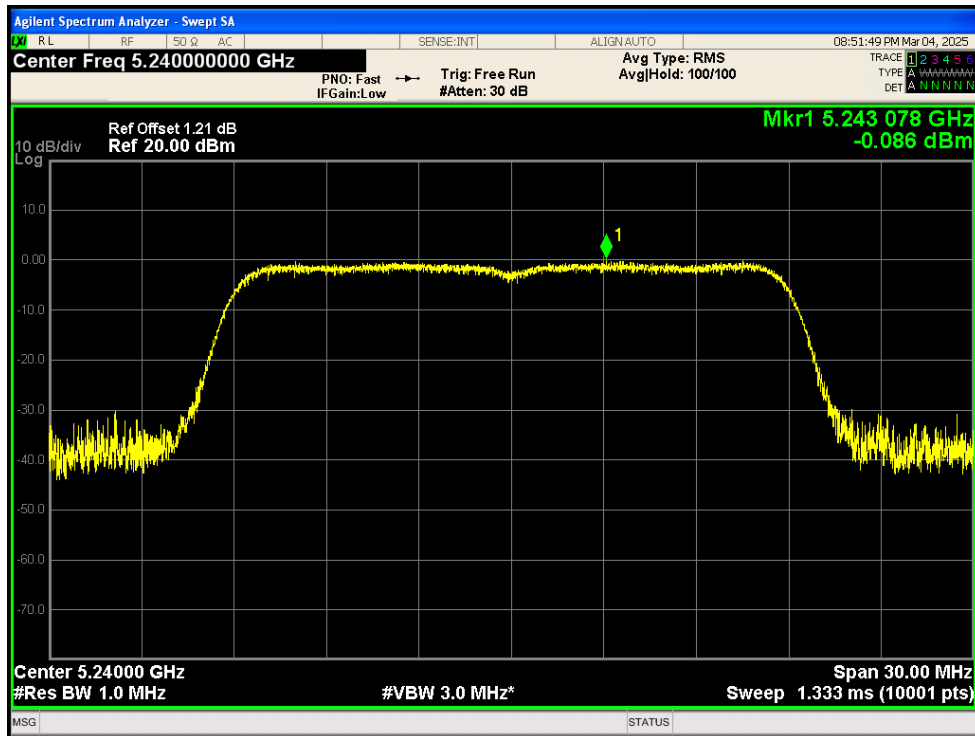
PSD NVNT ac20 5180MHz Ant1



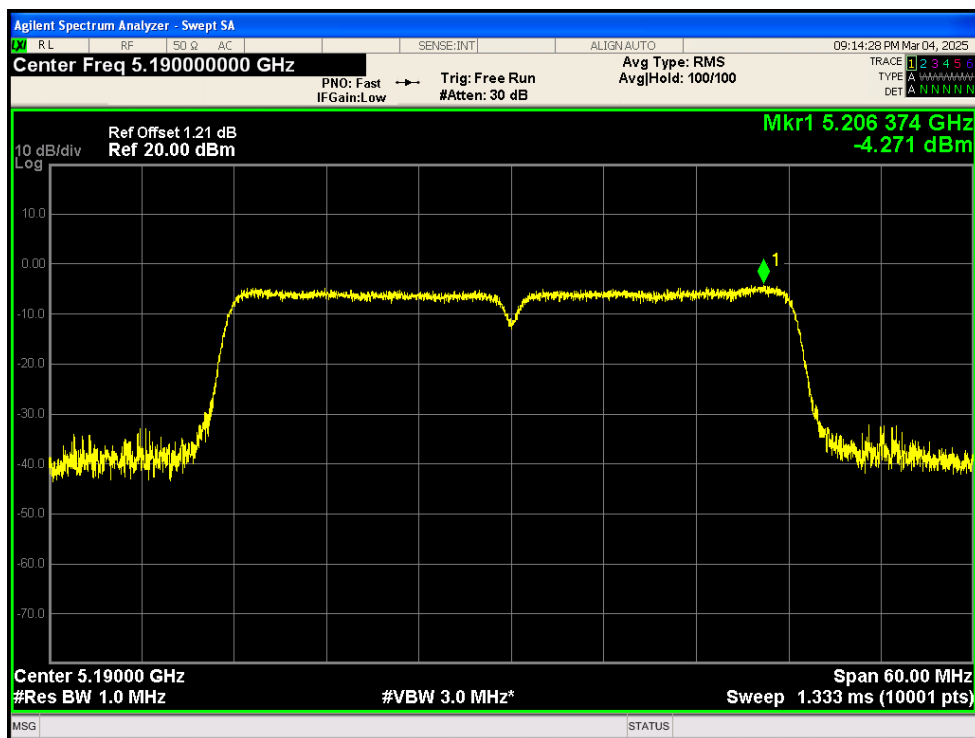
PSD NVNT ac20 5200MHz Ant1



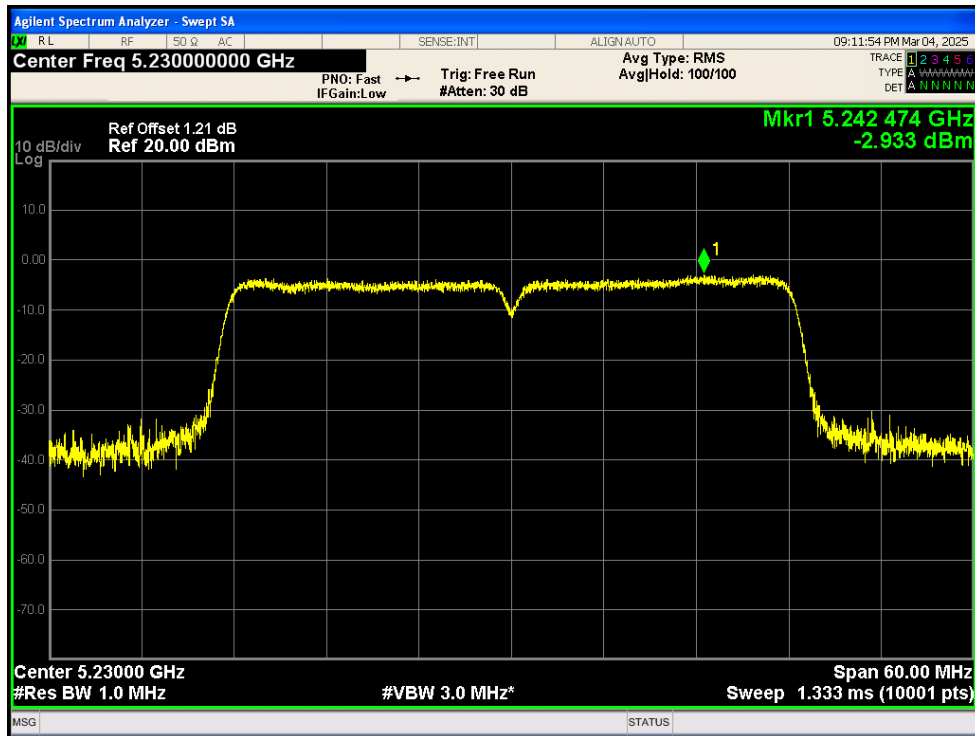
PSD NVNT ac20 5240MHz Ant1



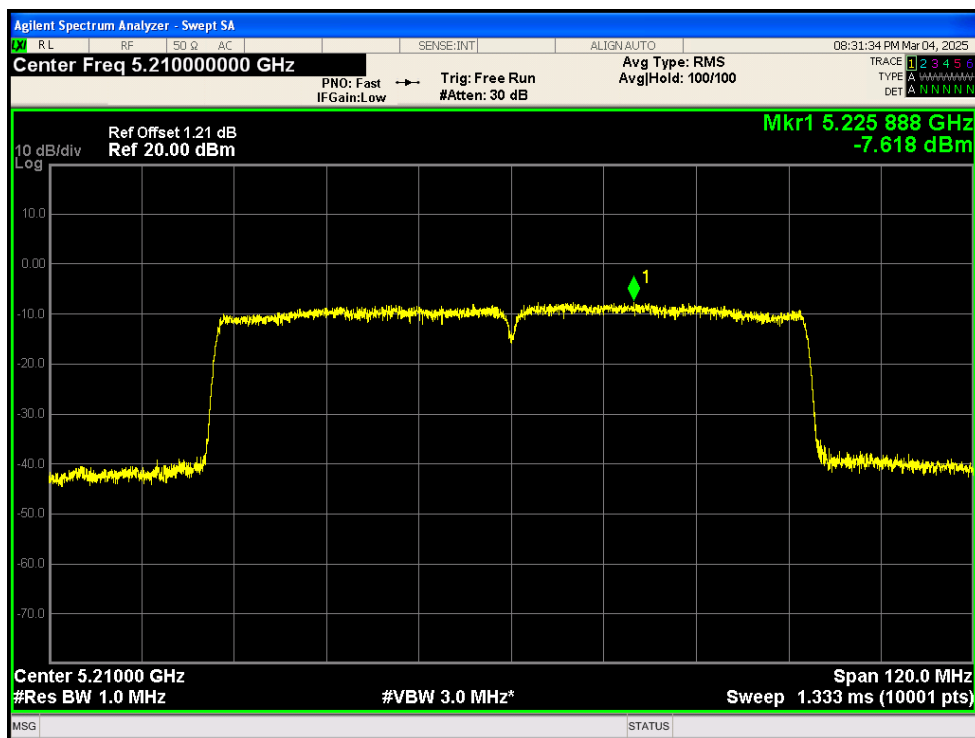
PSD NVNT ac40 5190MHz Ant1



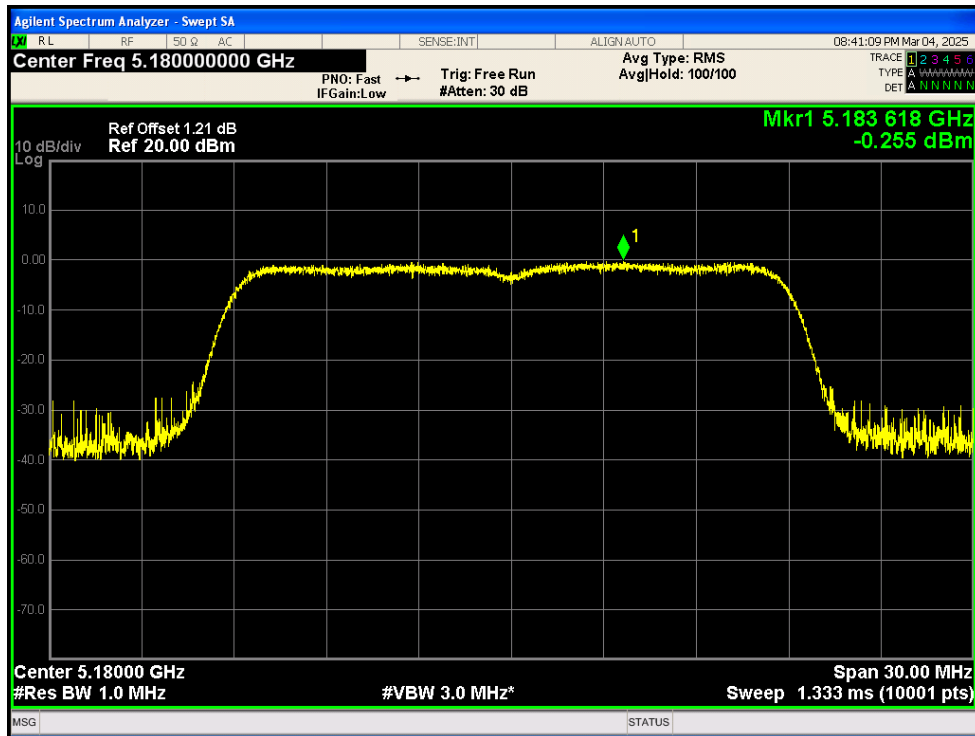
PSD NVNT ac40 5230MHz Ant1



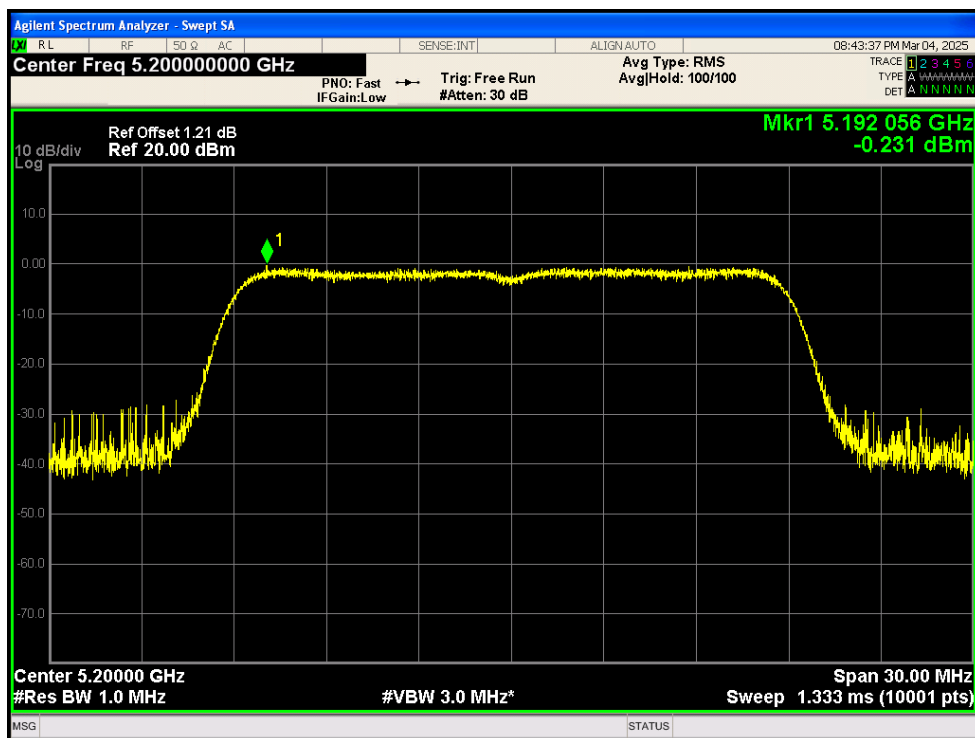
PSD NVNT ac80 5210MHz Ant1



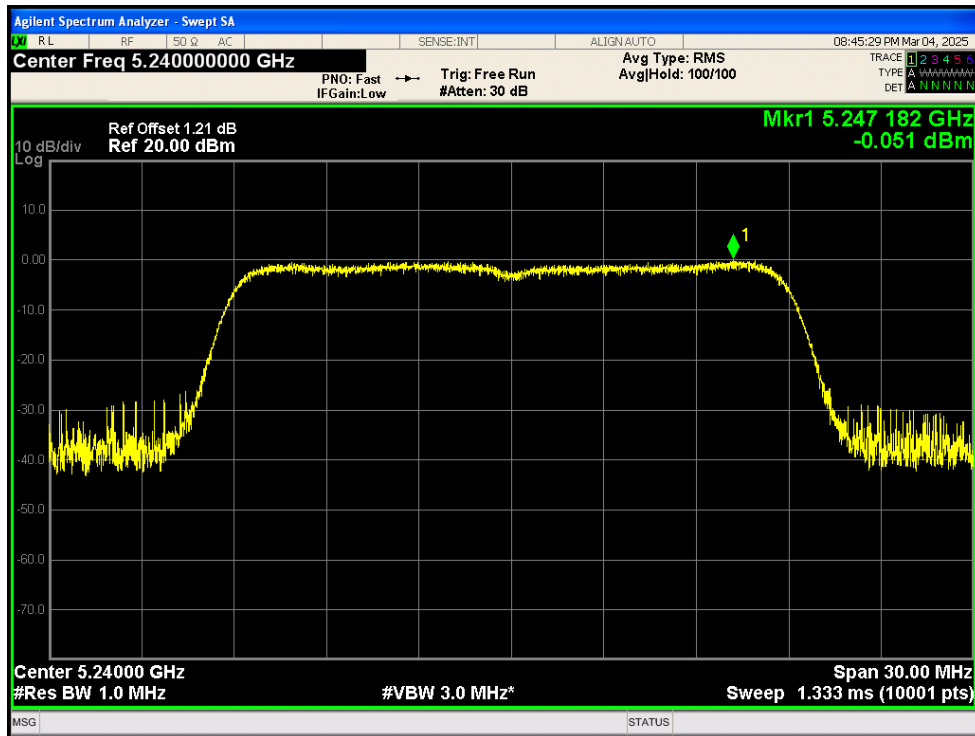
PSD NVNT n20 5180MHz Ant1



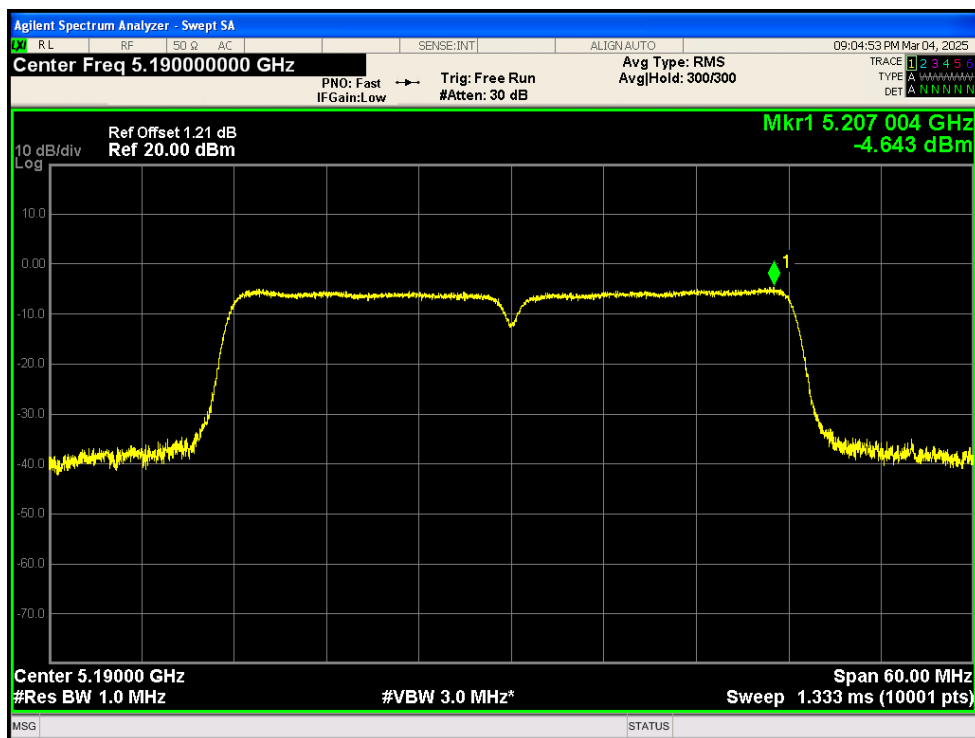
PSD NVNT n20 5200MHz Ant1



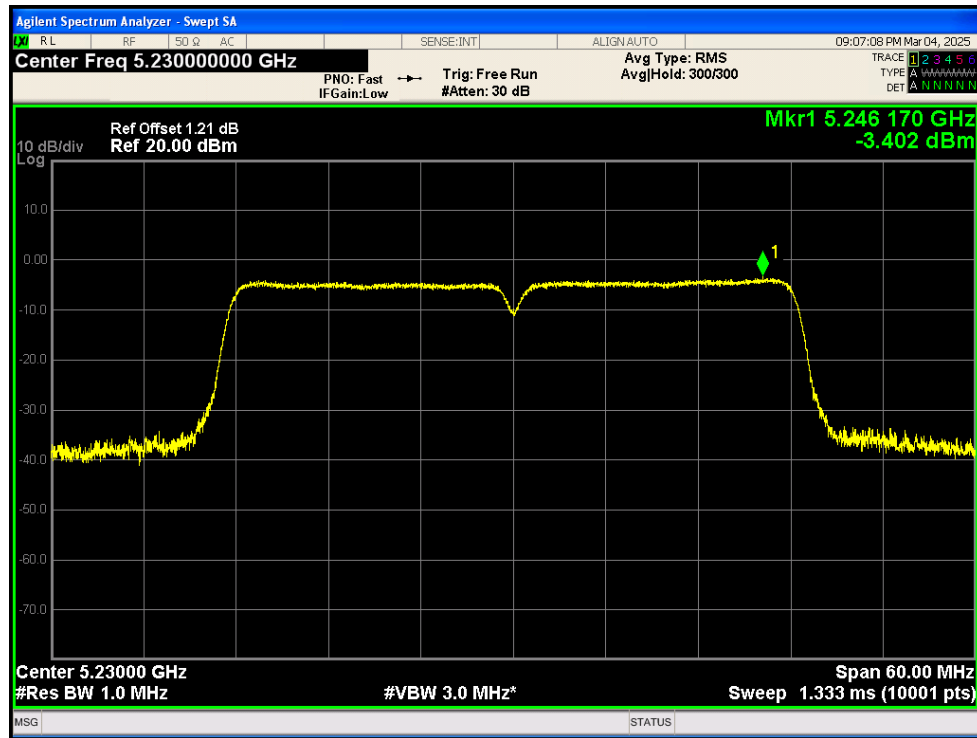
PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



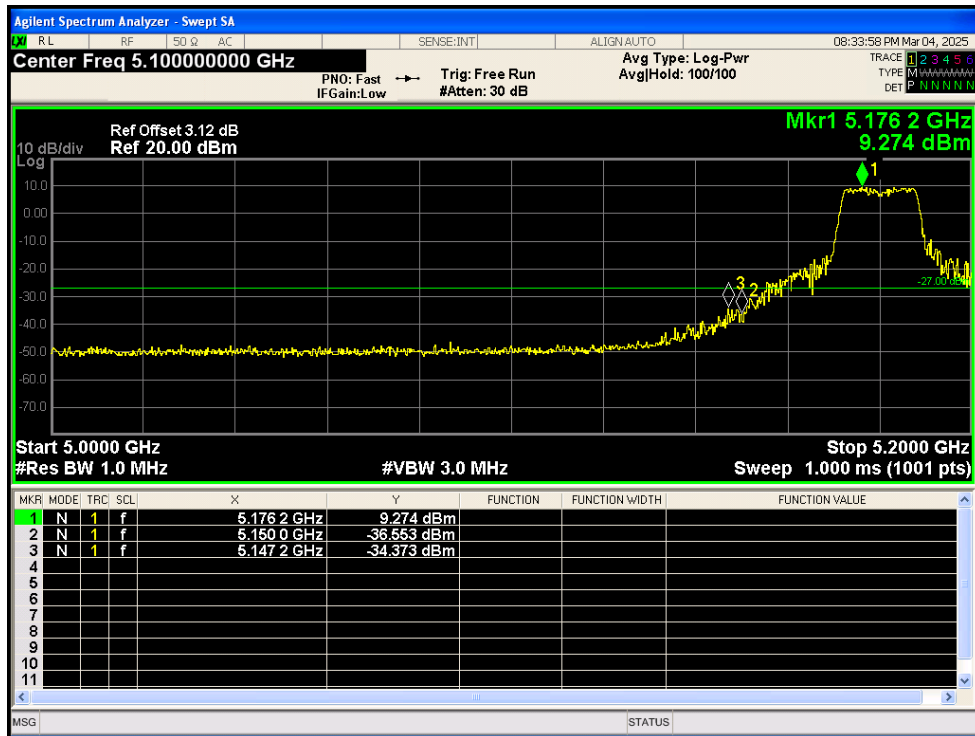
PSD NVNT n40 5230MHz Ant1



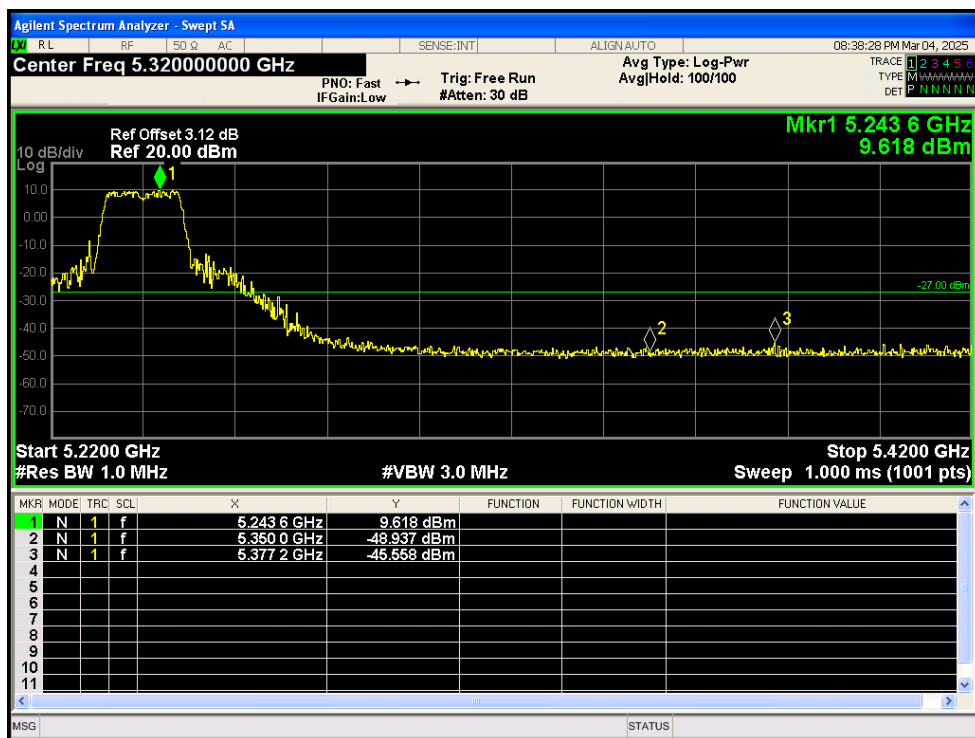
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.37	-27	Pass
NVNT	a	5240	Ant1	-45.55	-27	Pass
NVNT	ac20	5180	Ant1	-32.83	-27	Pass
NVNT	ac20	5240	Ant1	-45.76	-27	Pass
NVNT	ac40	5190	Ant1	-27.03	-27	Pass
NVNT	ac40	5230	Ant1	-45.61	-27	Pass
NVNT	ac80	5210	Ant1	-45.22	-27	Pass
NVNT	n20	5180	Ant1	-30.25	-27	Pass
NVNT	n20	5240	Ant1	-46.05	-27	Pass
NVNT	n40	5190	Ant1	-27.11	-27	Pass
NVNT	n40	5230	Ant1	-46.18	-27	Pass

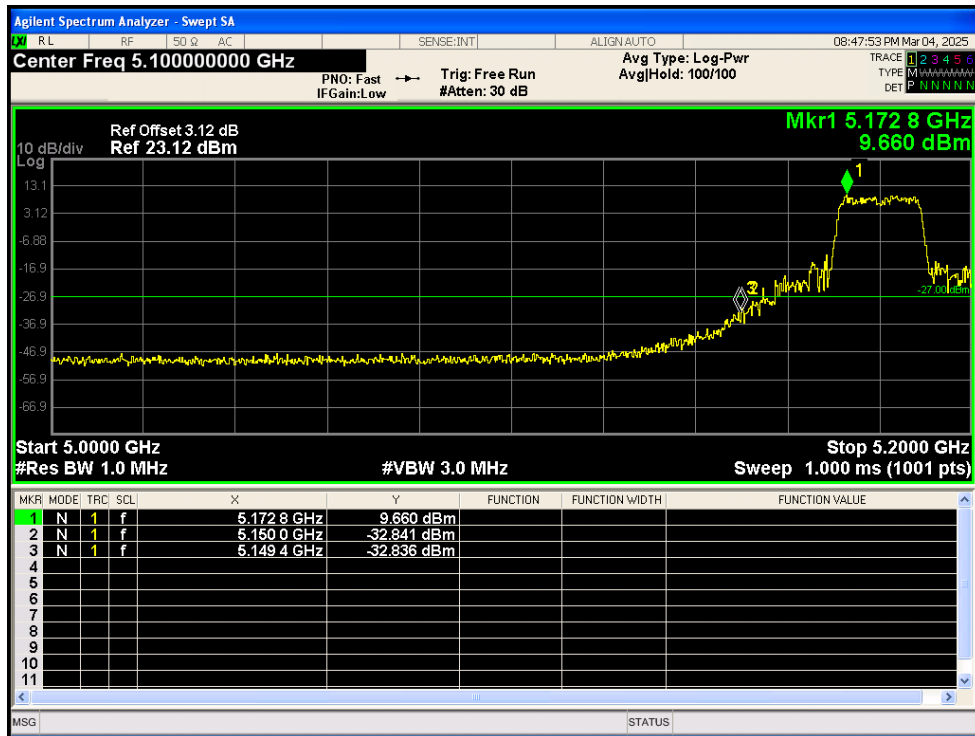
Band Edge NVNT a 5180MHz Low Ant1



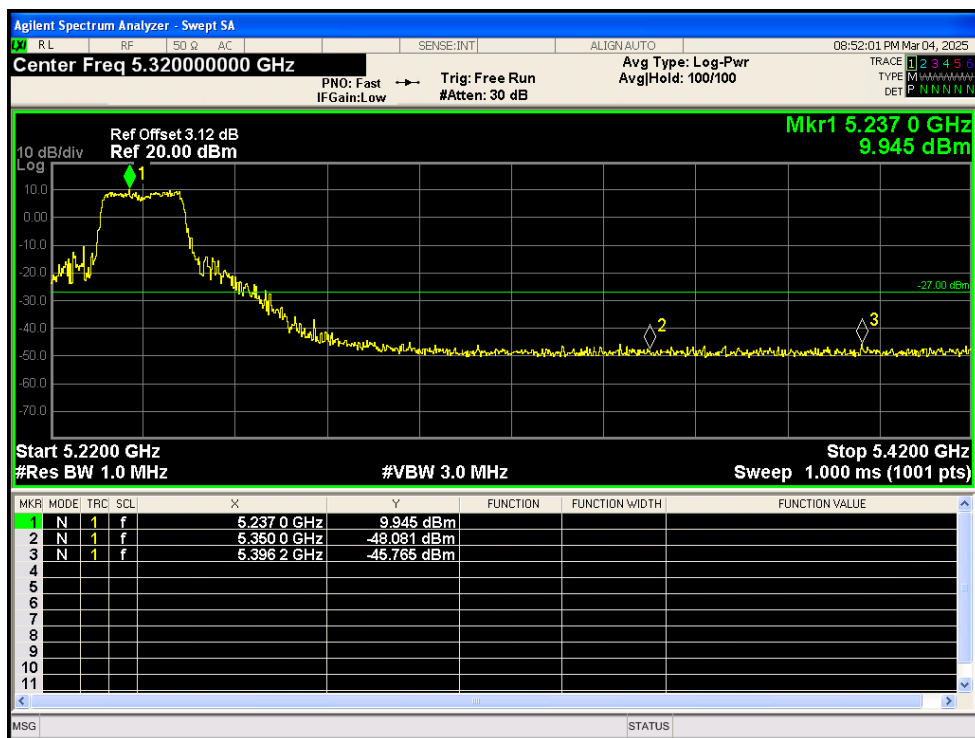
Band Edge NVNT a 5240MHz High Ant1



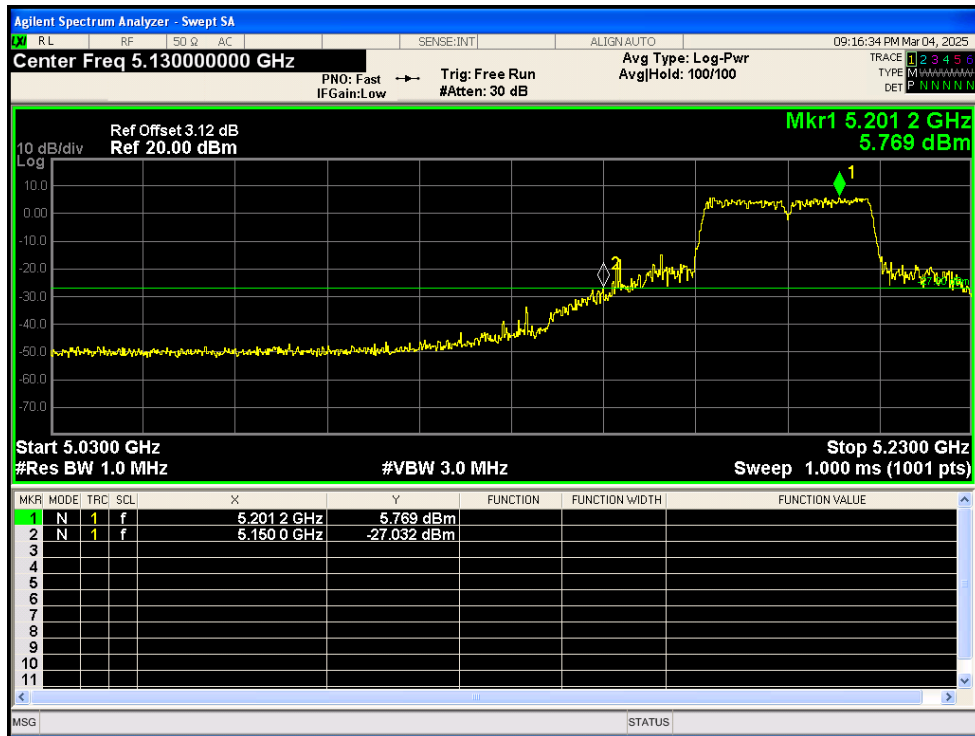
Band Edge NVNT ac20 5180MHz Low Ant1



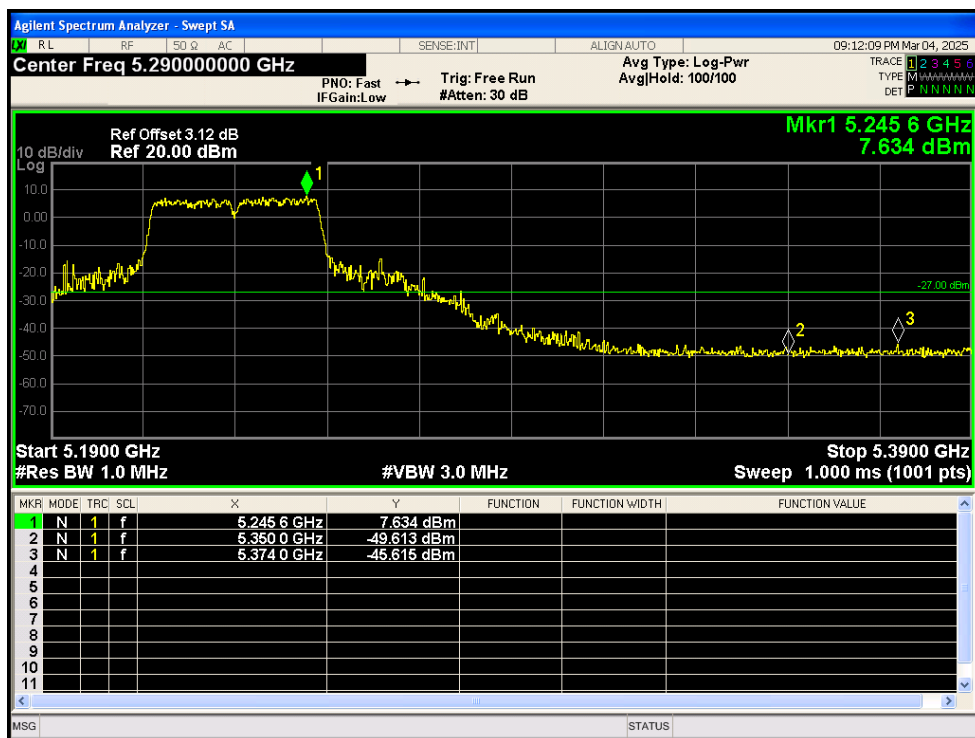
Band Edge NVNT ac20 5240MHz High Ant1



Band Edge NVNT ac40 5190MHz Low Ant1



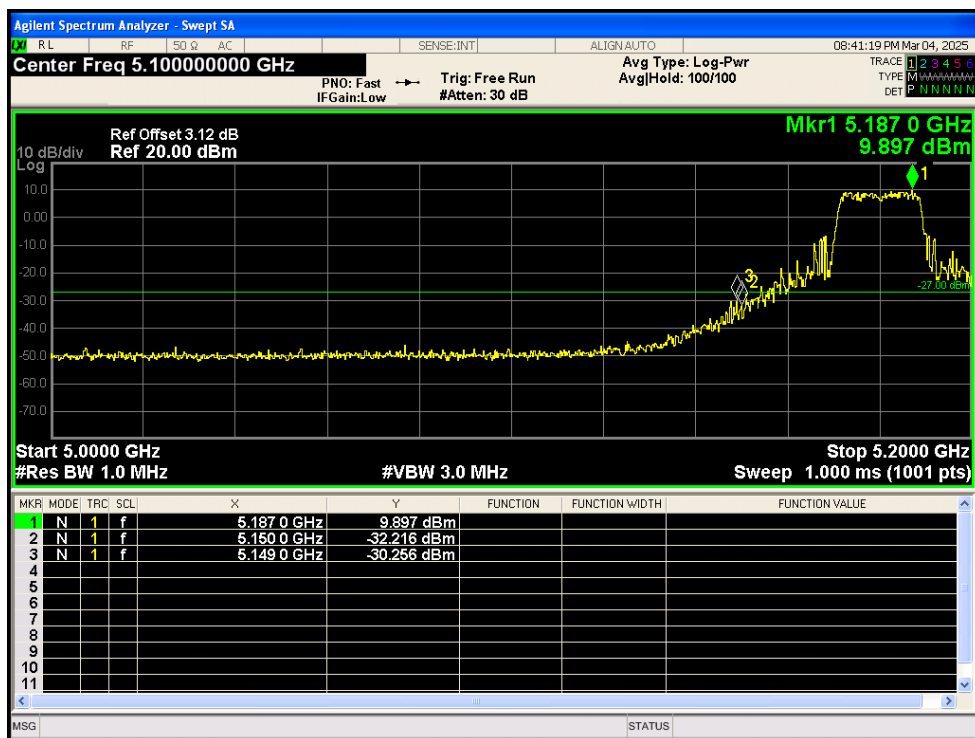
Band Edge NVNT ac40 5230MHz High Ant1



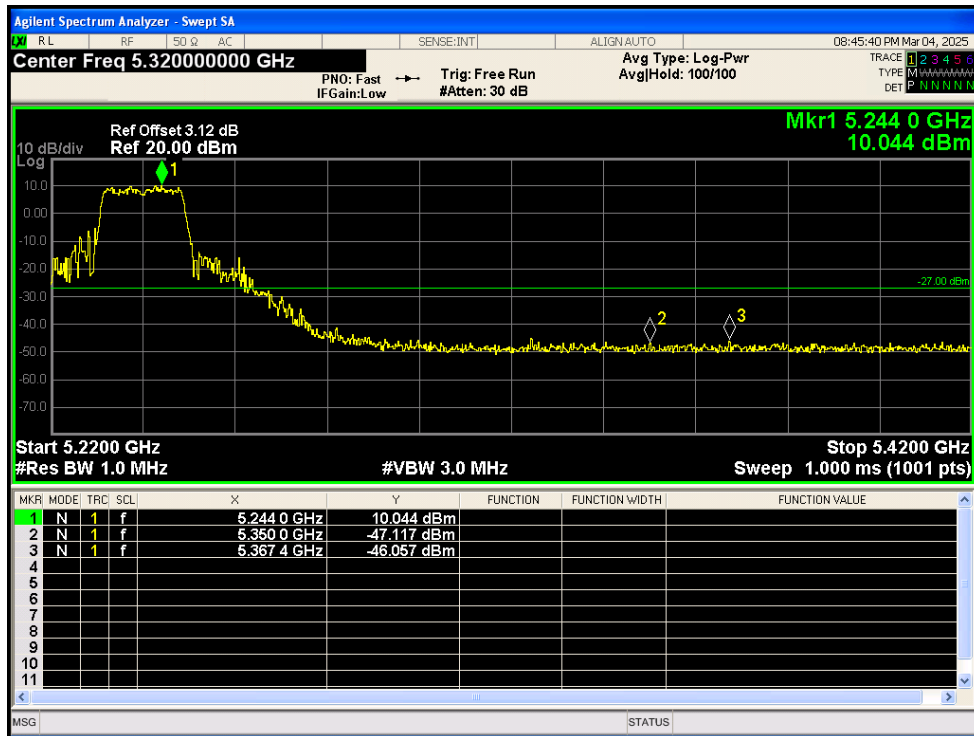
Band Edge NVNT ac80 5210MHz High Ant1



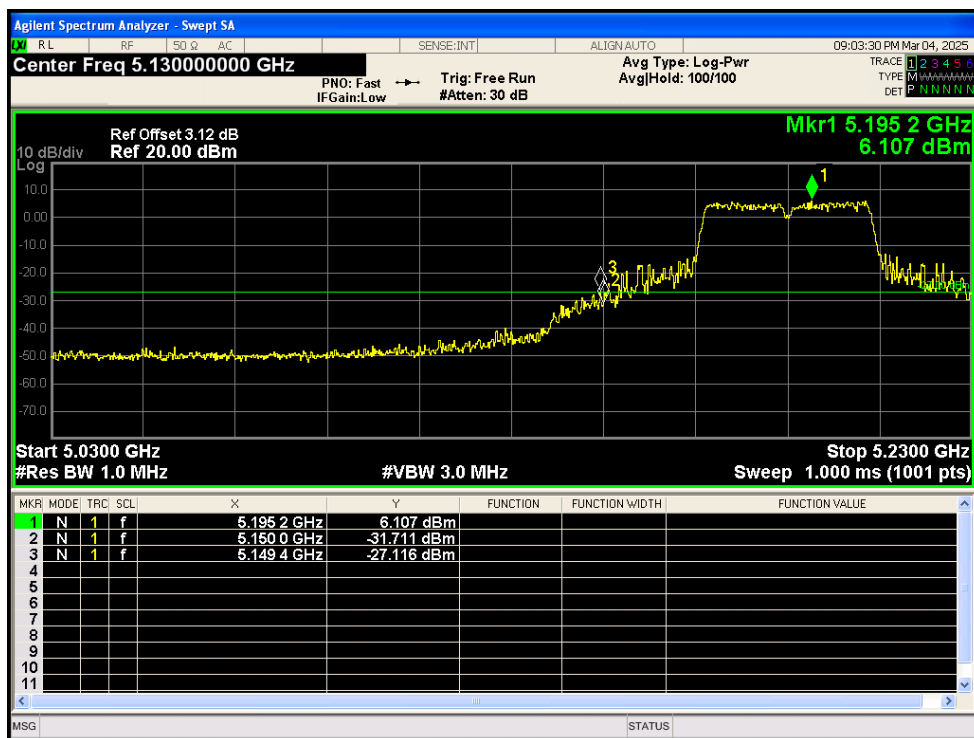
Band Edge NVNT n20 5180MHz Low Ant1



Band Edge NVNT n20 5240MHz High Ant1



Band Edge NVNT n40 5190MHz Low Ant1



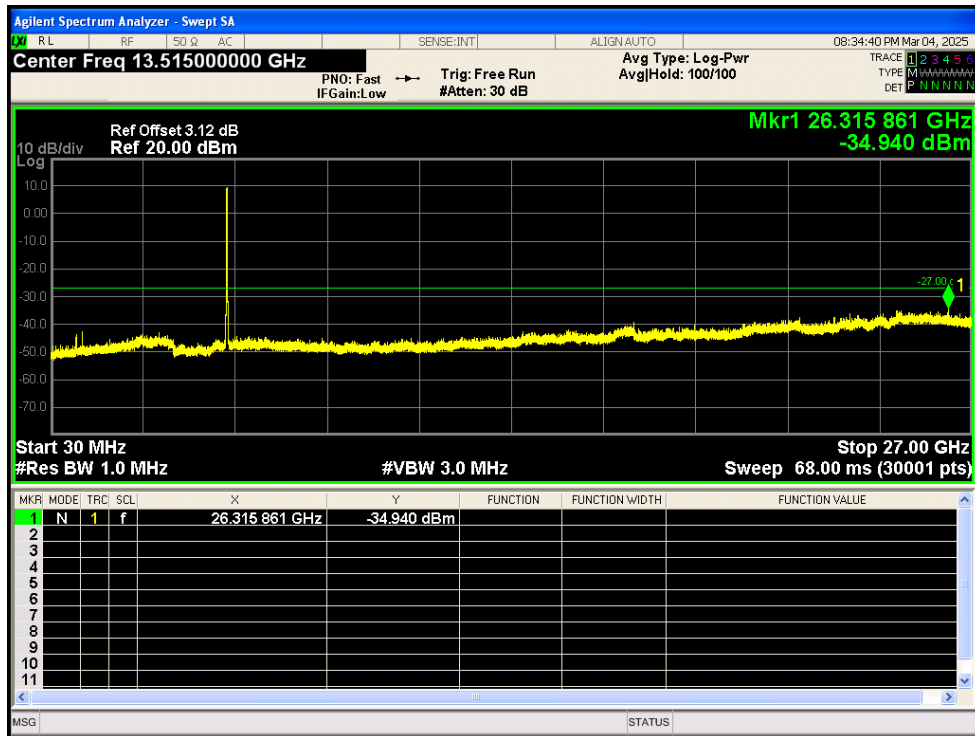
Band Edge NVNT n40 5230MHz High Ant1



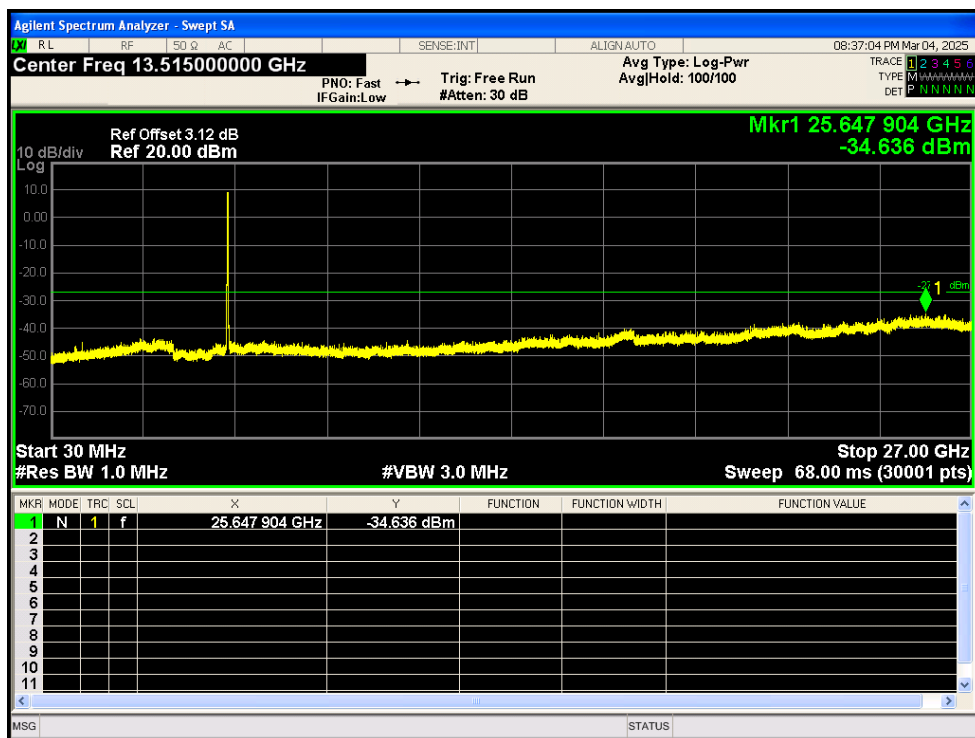
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.94	-27	Pass
NVNT	a	5200	Ant1	-34.63	-27	Pass
NVNT	a	5240	Ant1	-35.32	-27	Pass
NVNT	ac20	5180	Ant1	-33.39	-27	Pass
NVNT	ac20	5200	Ant1	-35.36	-27	Pass
NVNT	ac20	5240	Ant1	-35.05	-27	Pass
NVNT	ac40	5190	Ant1	-31.22	-27	Pass
NVNT	ac40	5230	Ant1	-35.37	-27	Pass
NVNT	ac80	5210	Ant1	-44.49	-27	Pass
NVNT	n20	5180	Ant1	-34.71	-27	Pass
NVNT	n20	5200	Ant1	-35.1	-27	Pass
NVNT	n20	5240	Ant1	-34.78	-27	Pass
NVNT	n40	5190	Ant1	-35.1	-27	Pass
NVNT	n40	5230	Ant1	-34.7	-27	Pass

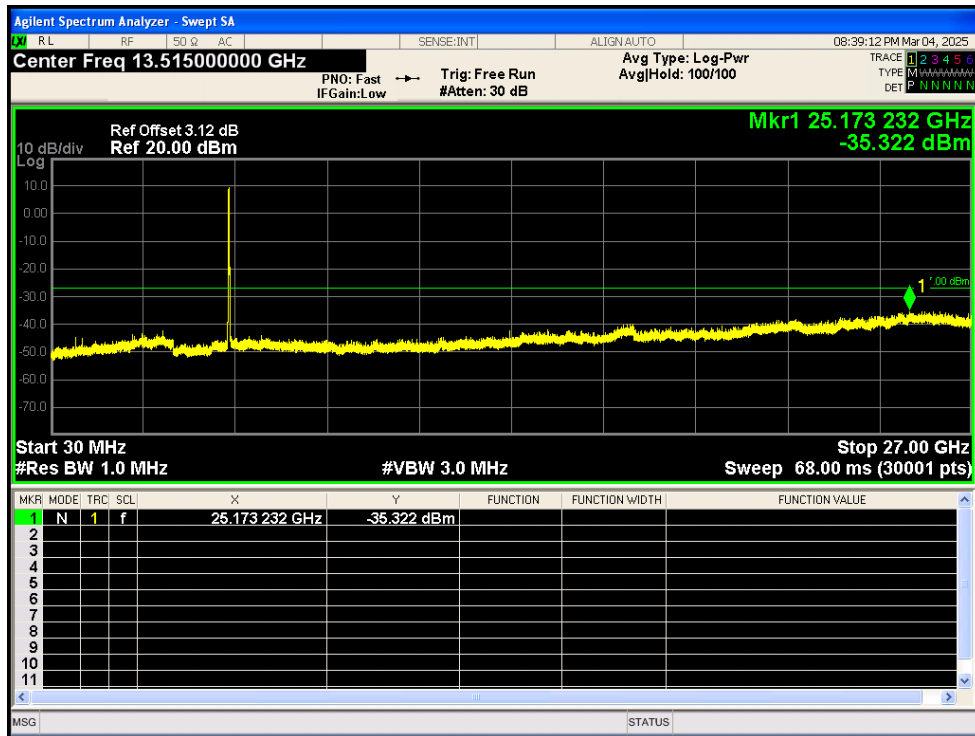
Tx. Spurious NVNT a 5180MHz Ant1 Emission



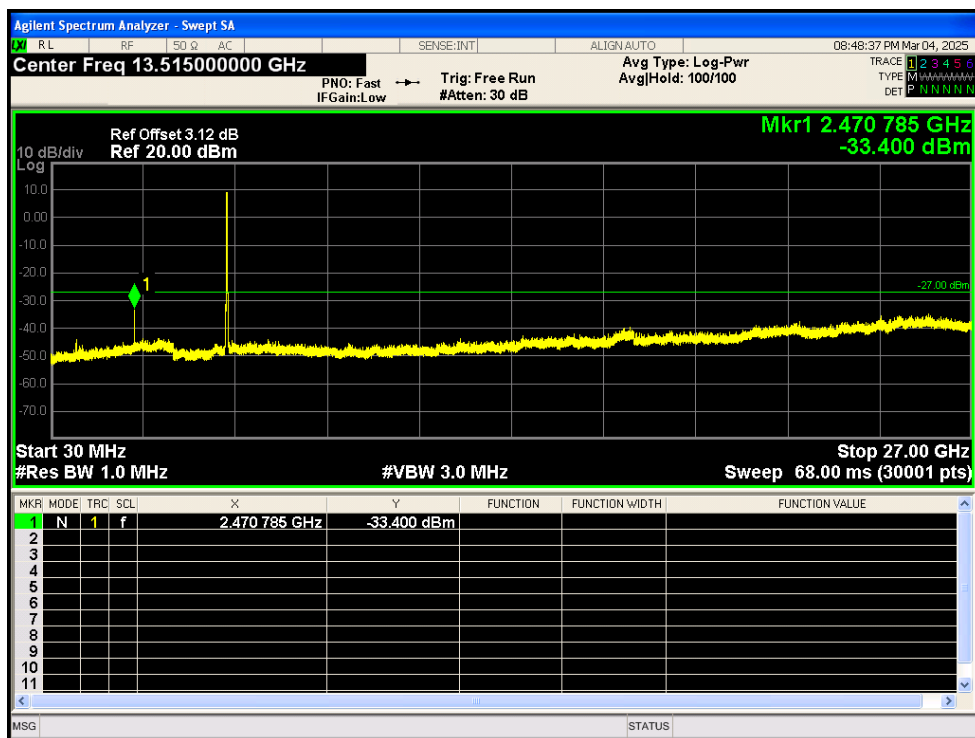
Tx. Spurious NVNT a 5200MHz Ant1 Emission



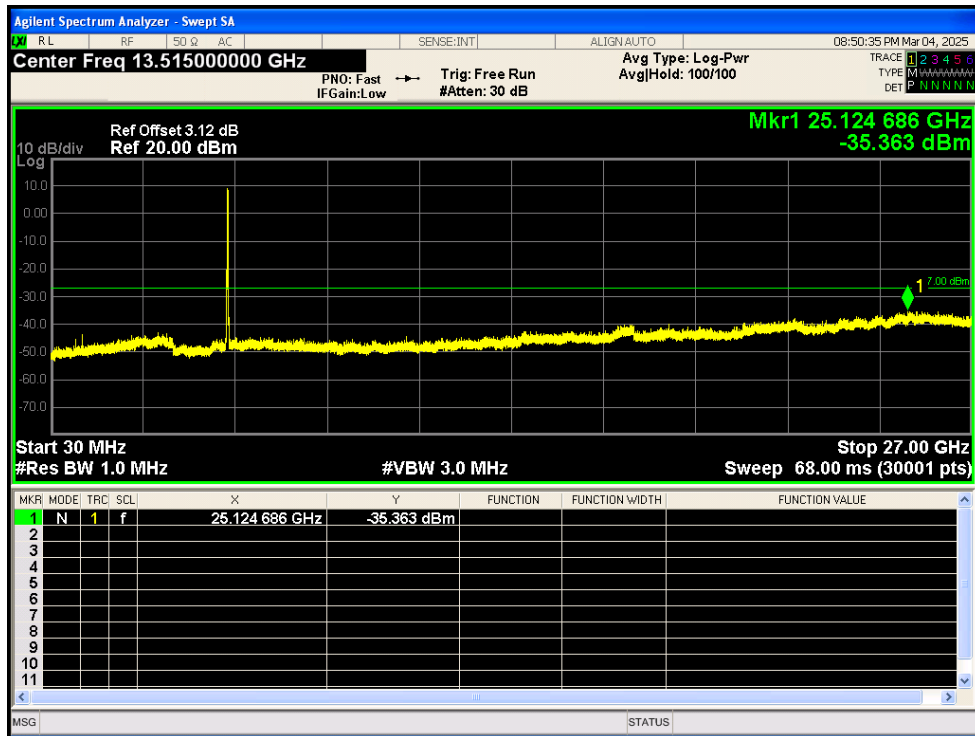
Tx. Spurious NVNT a 5240MHz Ant1 Emission



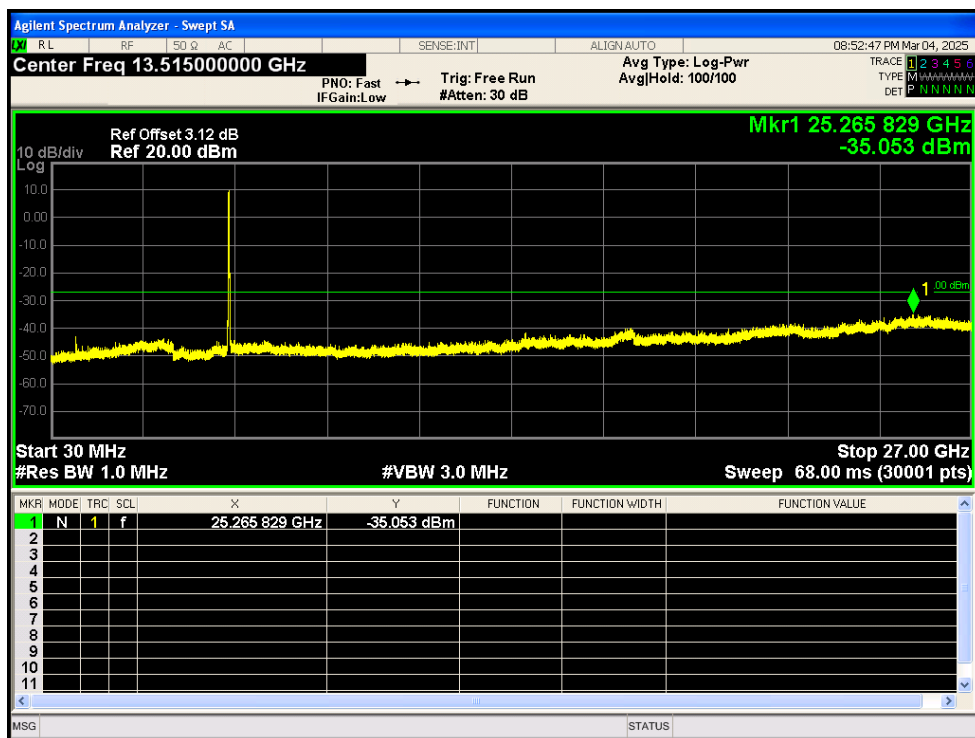
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



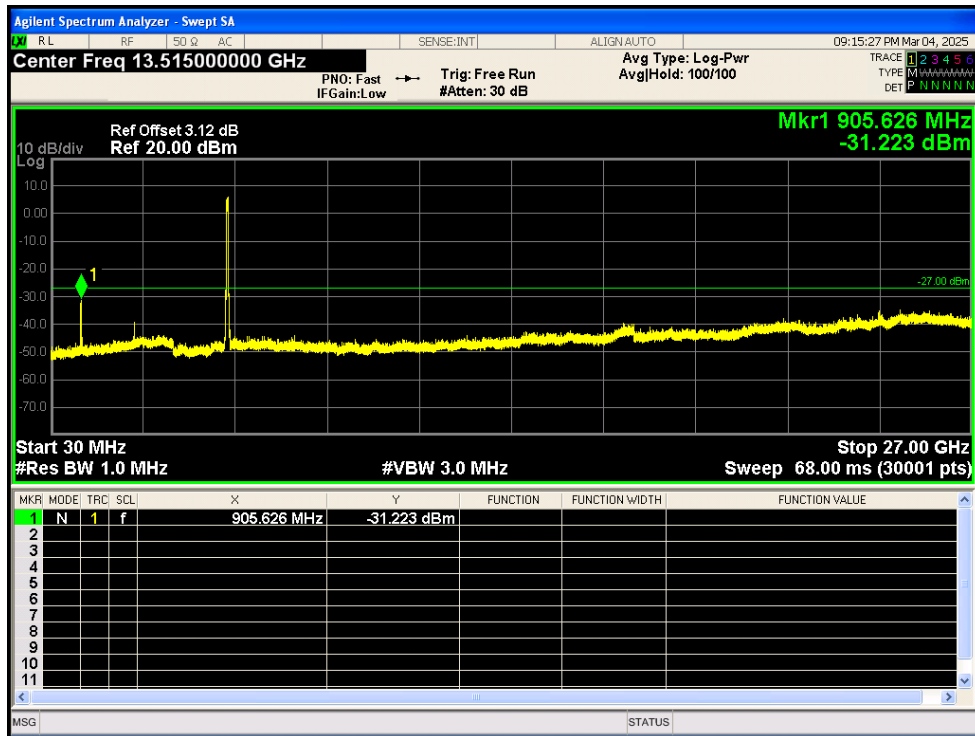
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



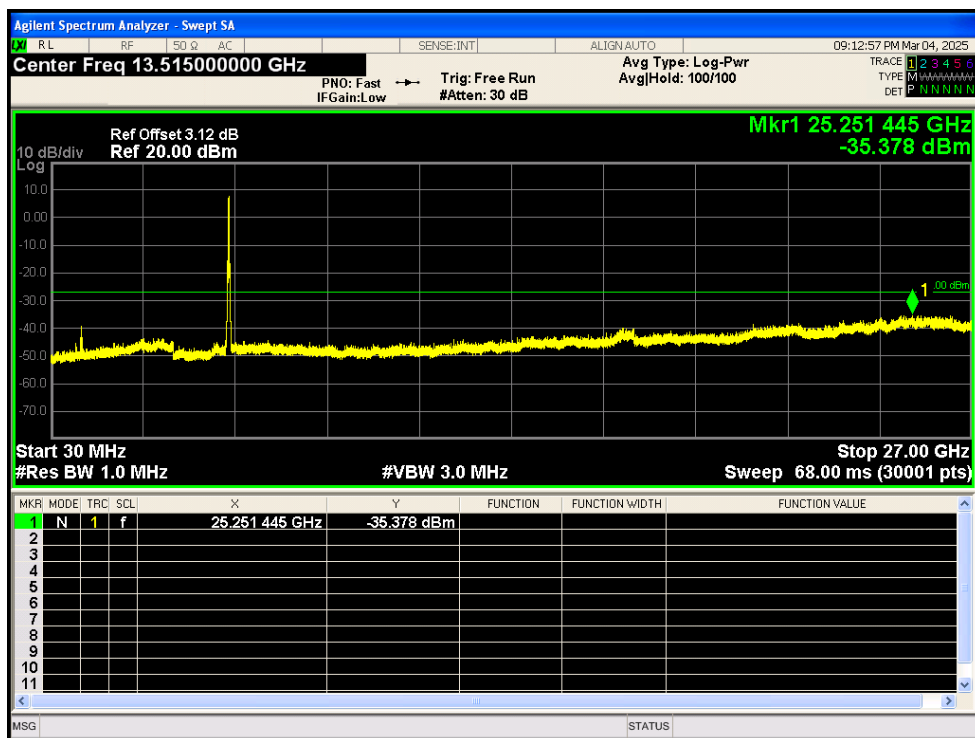
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



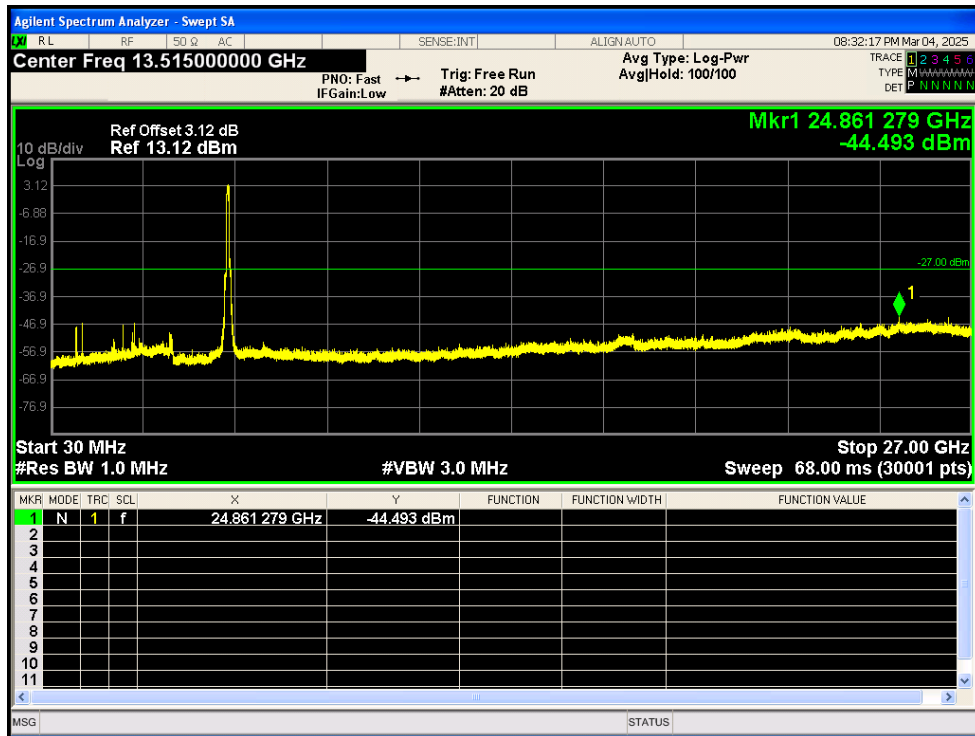
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



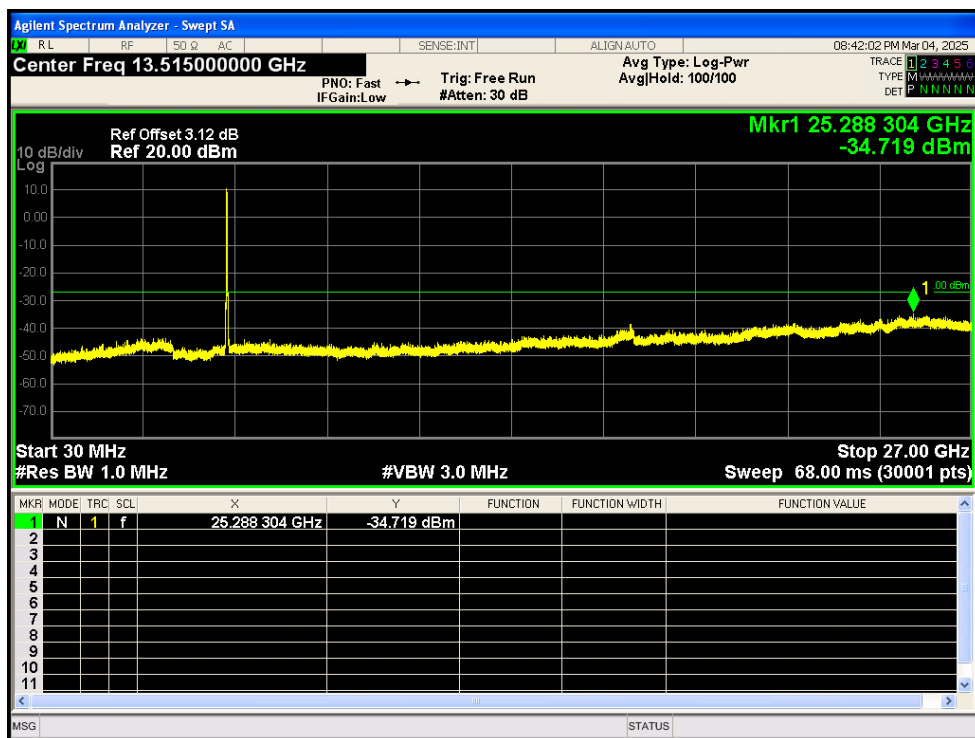
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



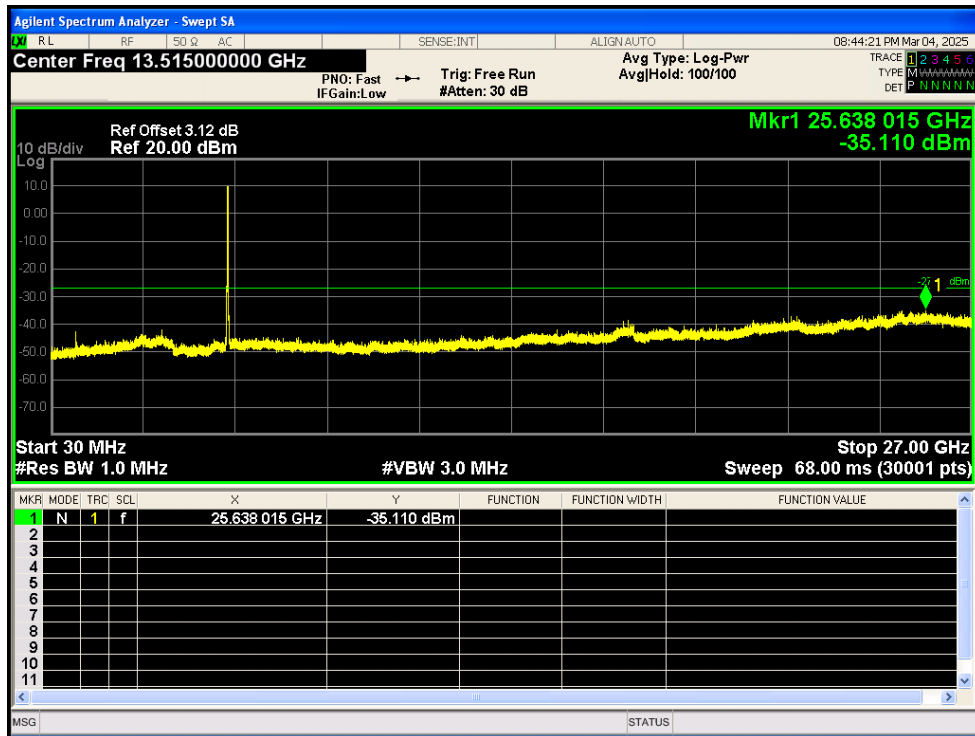
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



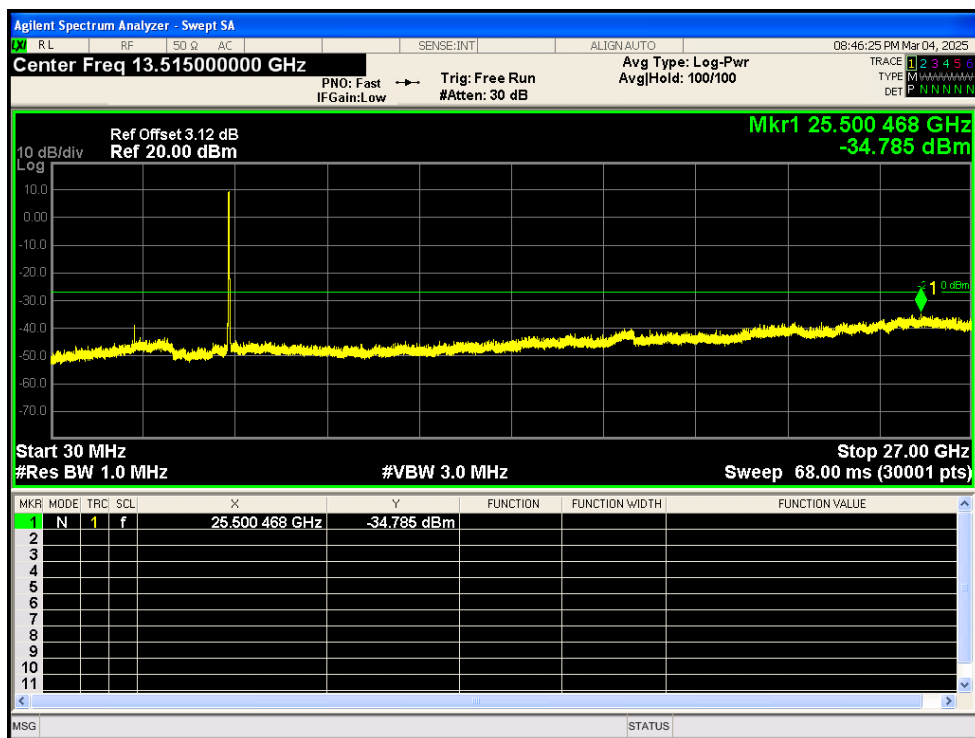
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



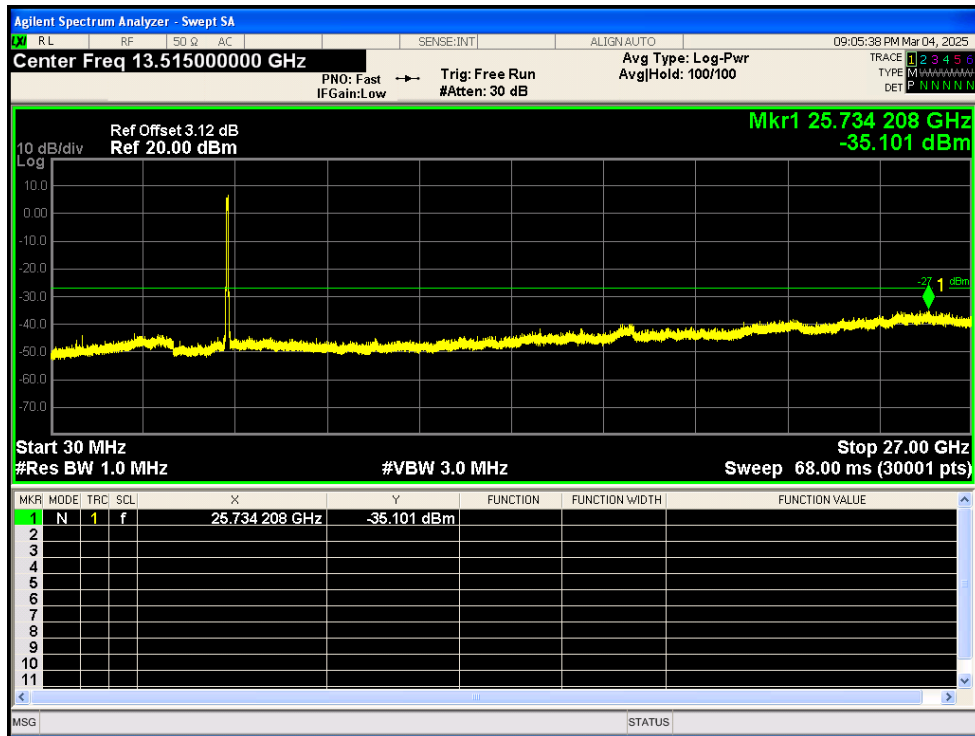
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



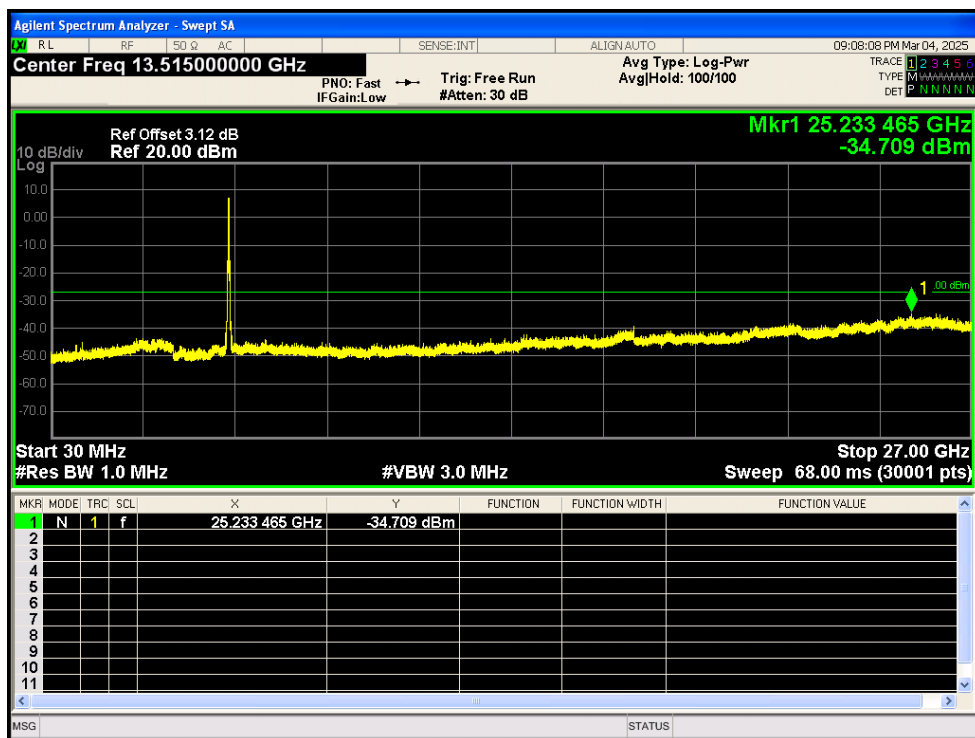
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



Tx. Spurious NVNT n40 5190MHz Ant1 Emission



Tx. Spurious NVNT n40 5230MHz Ant1 Emission

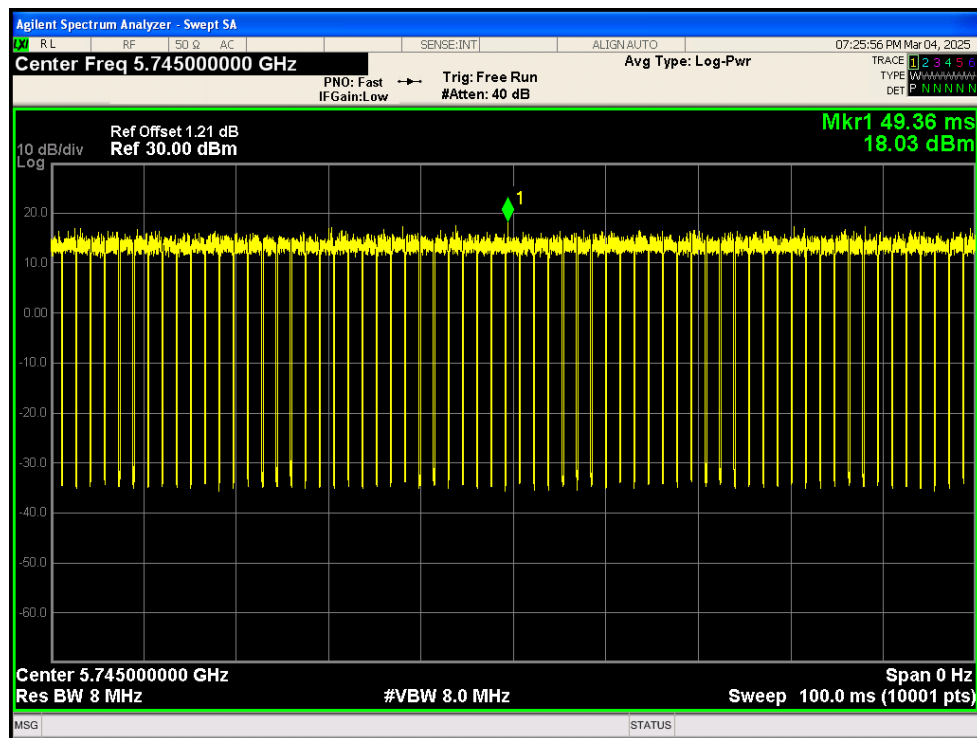


WIFI 5.8G:

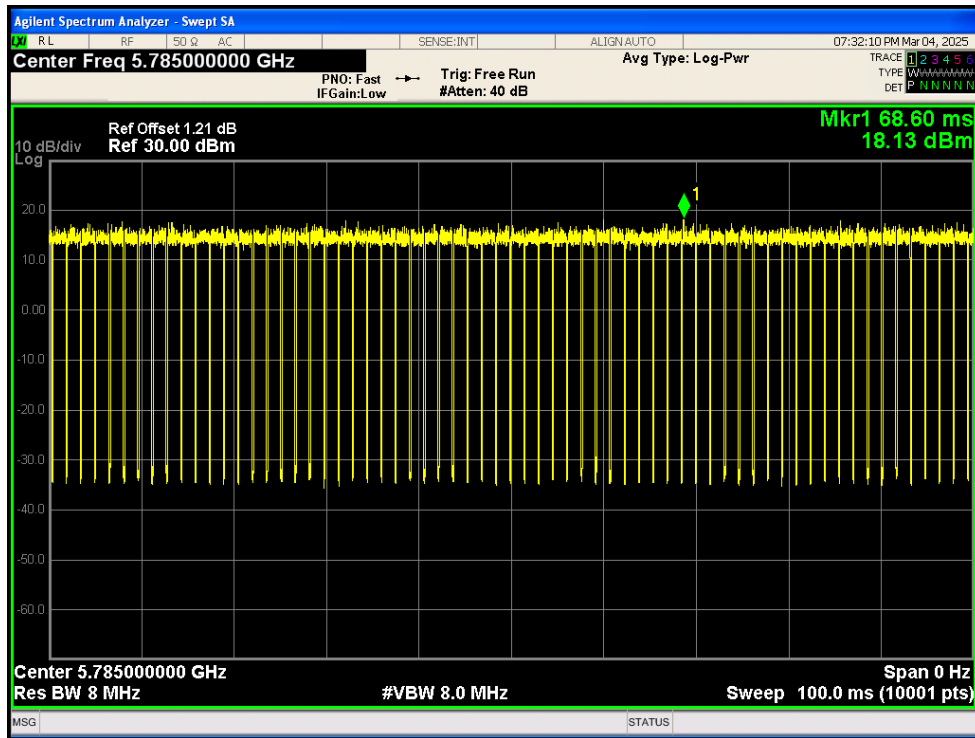
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	90.65	0.43
NVNT	a	5785	Ant1	90.61	0.43
NVNT	a	5825	Ant1	90.72	0.42
NVNT	ac20	5745	Ant1	89	0.51
NVNT	ac20	5785	Ant1	89.2	0.5
NVNT	ac20	5825	Ant1	89.12	0.5
NVNT	ac40	5755	Ant1	80.06	0.97
NVNT	ac40	5795	Ant1	80.12	0.96
NVNT	ac80	5775	Ant1	63.24	1.99
NVNT	n20	5745	Ant1	89.03	0.5
NVNT	n20	5785	Ant1	88.92	0.51
NVNT	n20	5825	Ant1	88.87	0.51
NVNT	n40	5755	Ant1	80.08	0.96
NVNT	n40	5795	Ant1	80.04	0.97

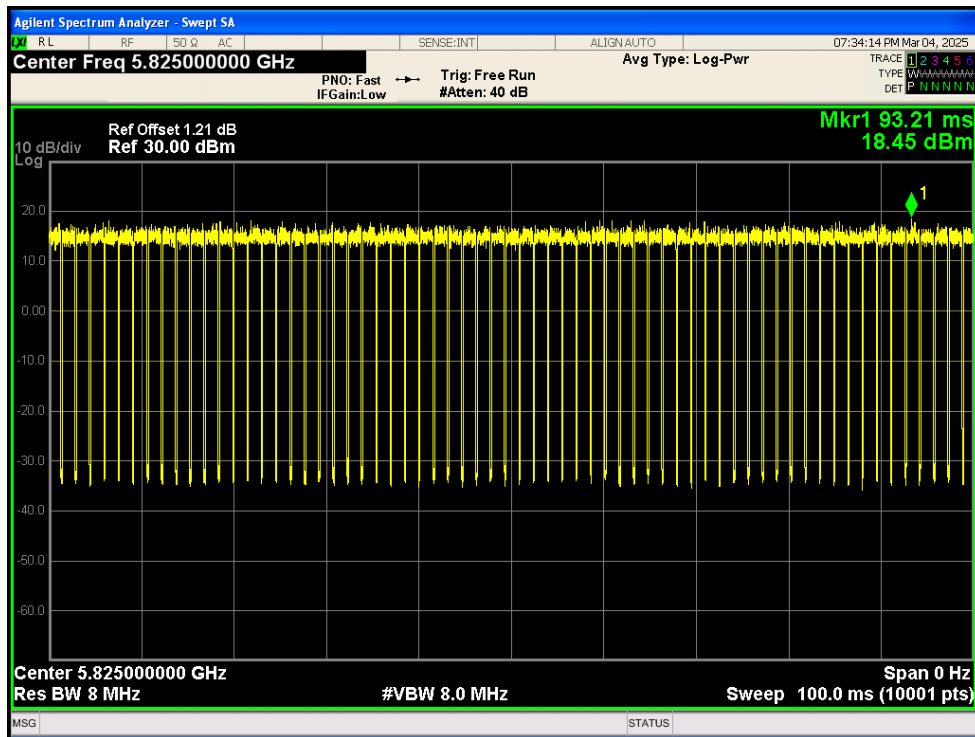
Duty Cycle NVNT a 5745MHz Ant1



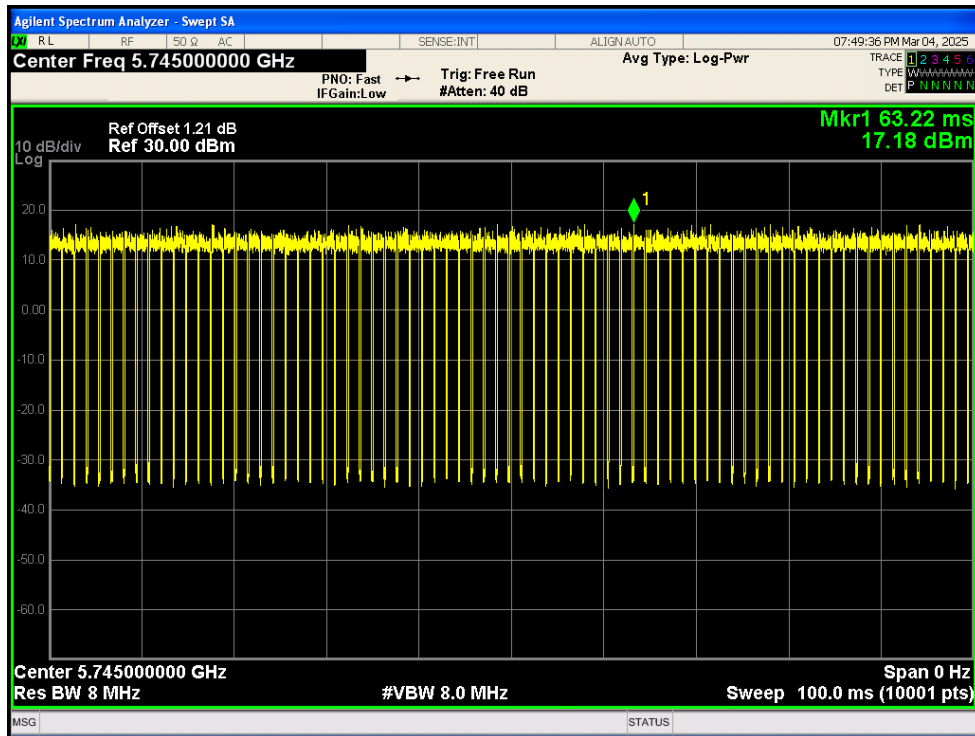
Duty Cycle NVNT a 5785MHz Ant1



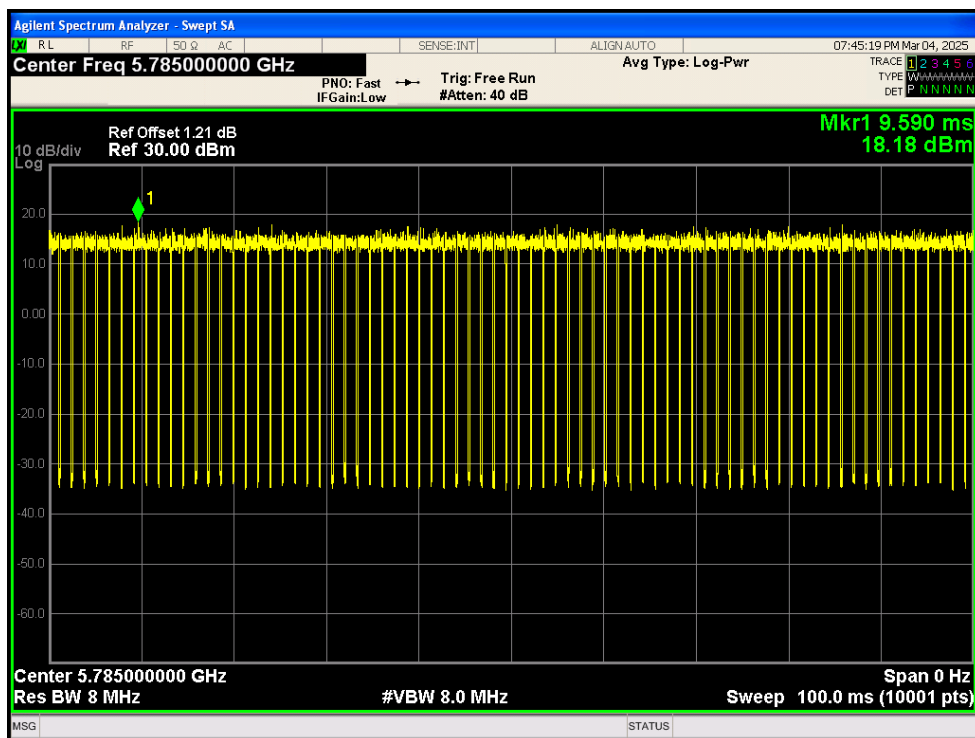
Duty Cycle NVNT a 5825MHz Ant1



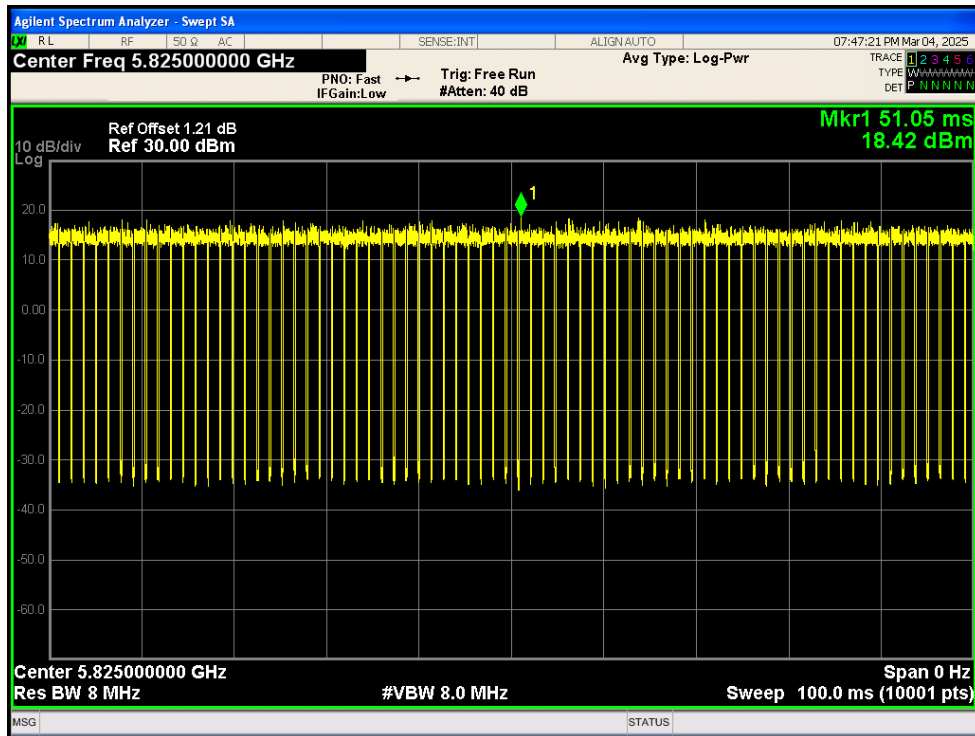
Duty Cycle NVNT ac20 5745MHz Ant1



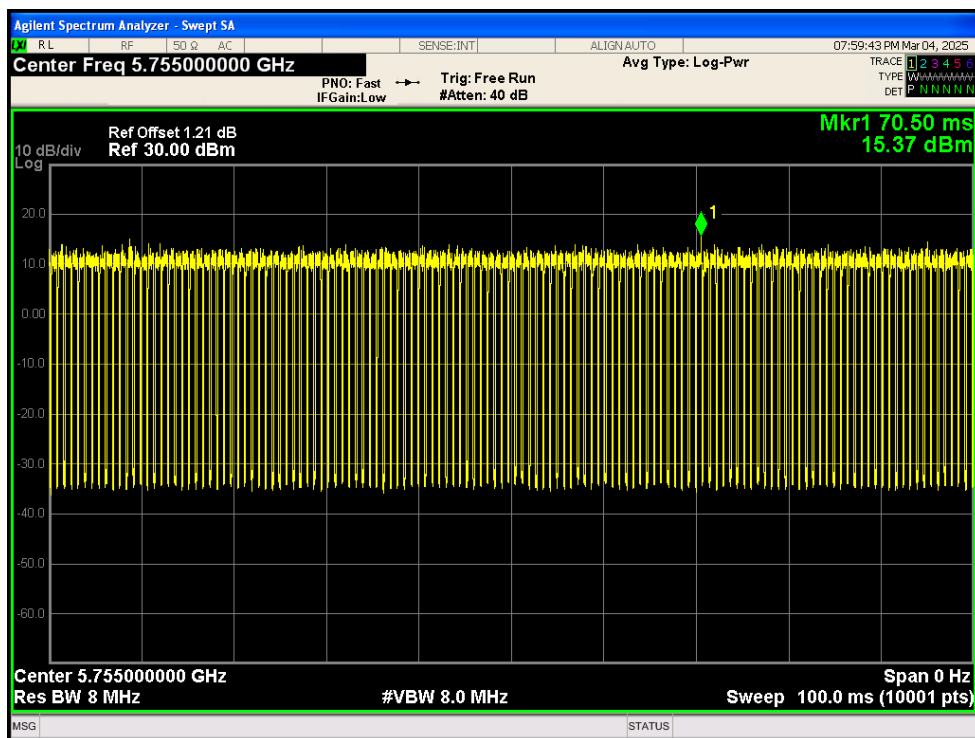
Duty Cycle NVNT ac20 5785MHz Ant1



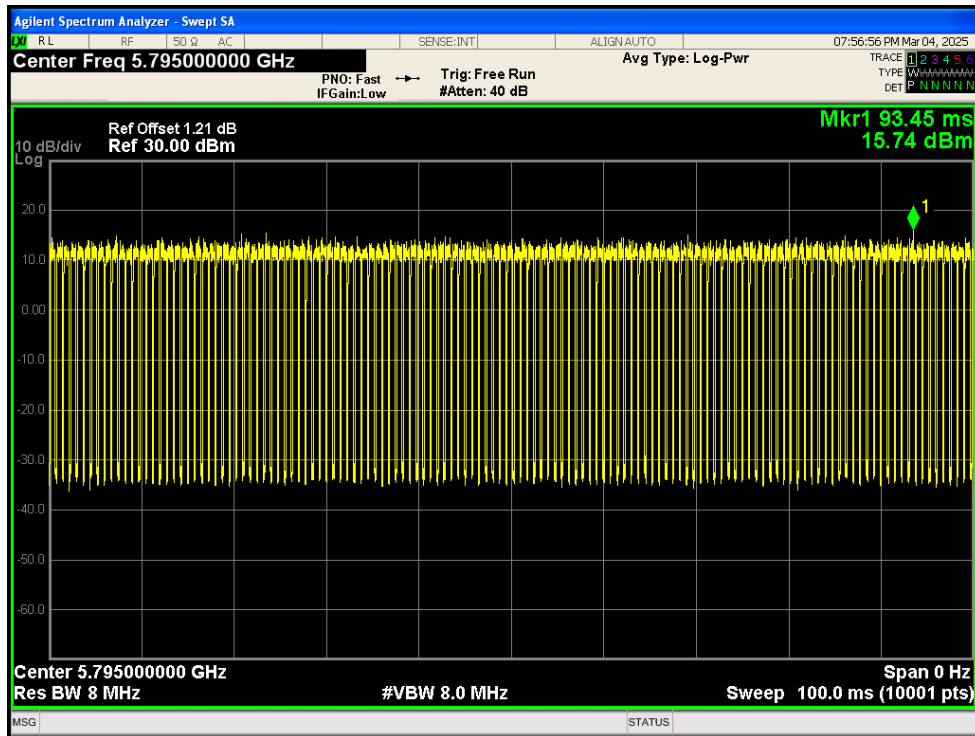
Duty Cycle NVNT ac20 5825MHz Ant1



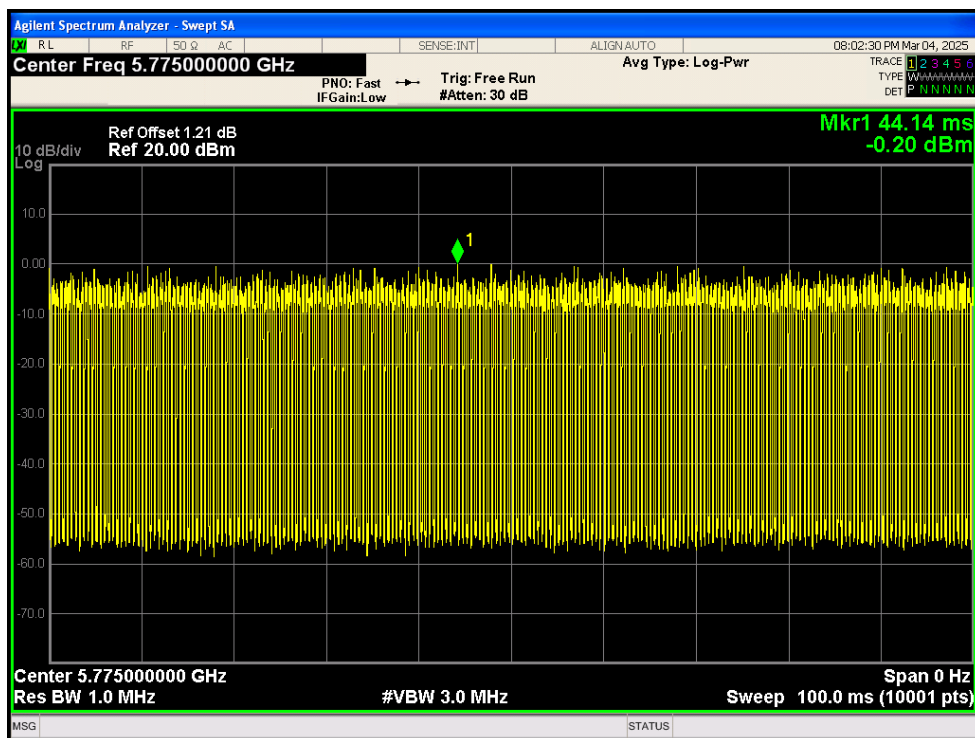
Duty Cycle NVNT ac40 5755MHz Ant1



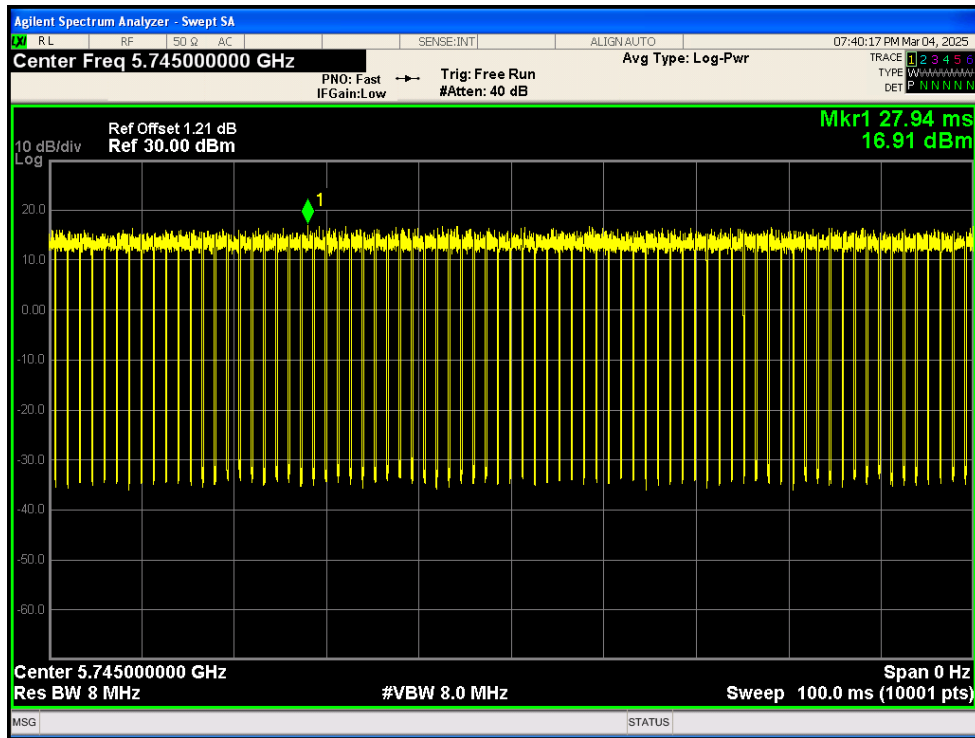
Duty Cycle NVNT ac40 5795MHz Ant1



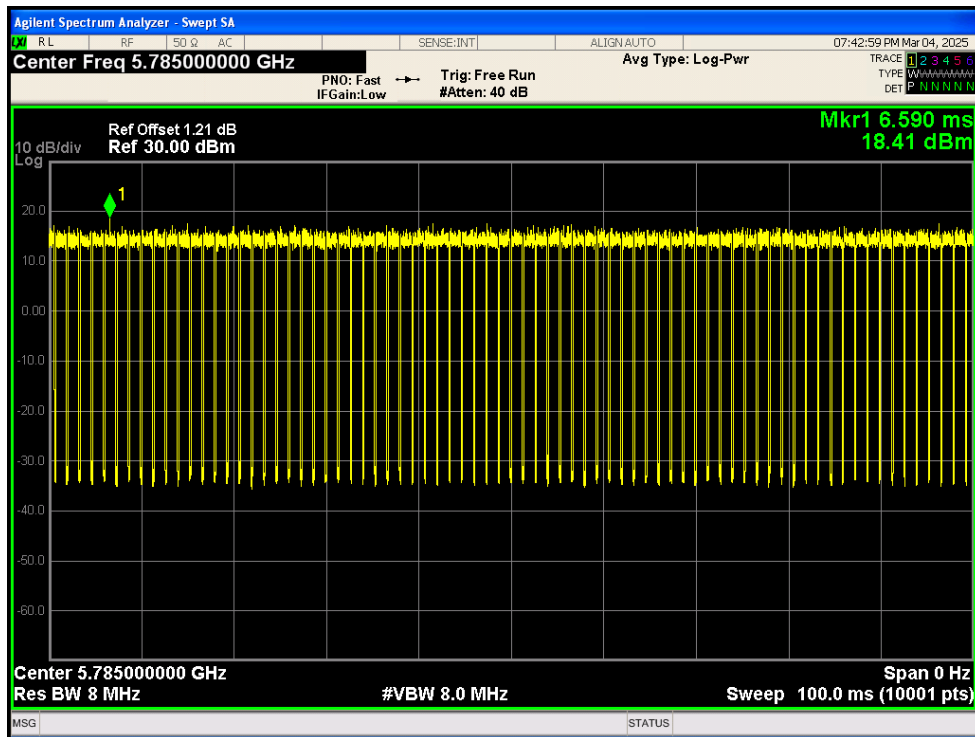
Duty Cycle NVNT ac80 5775MHz Ant1



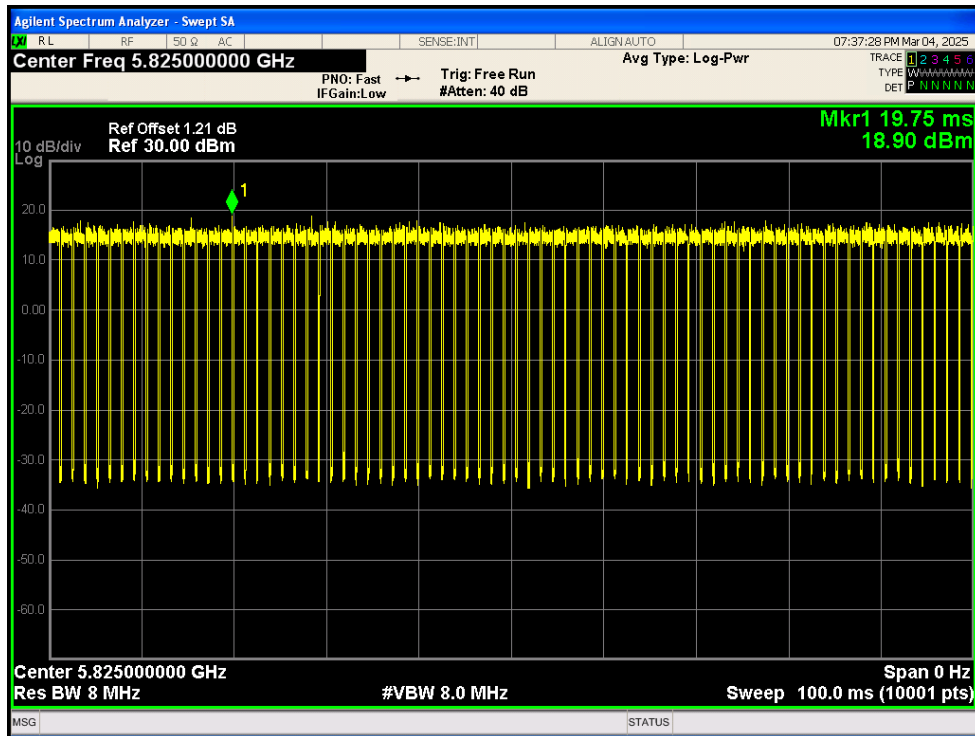
Duty Cycle NVNT n20 5745MHz Ant1



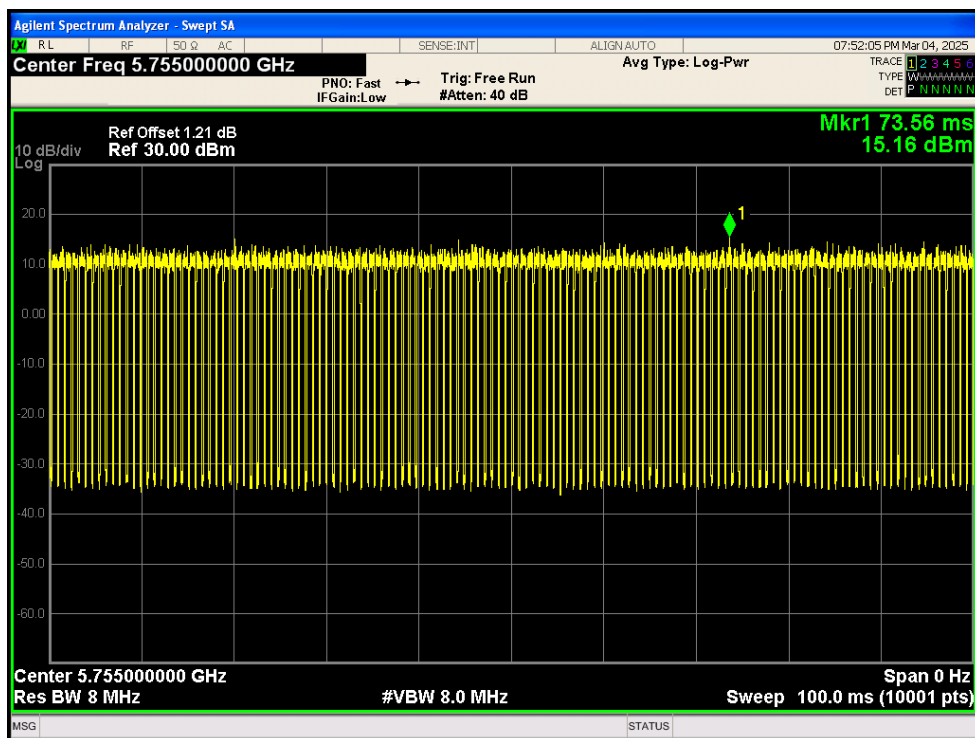
Duty Cycle NVNT n20 5785MHz Ant1



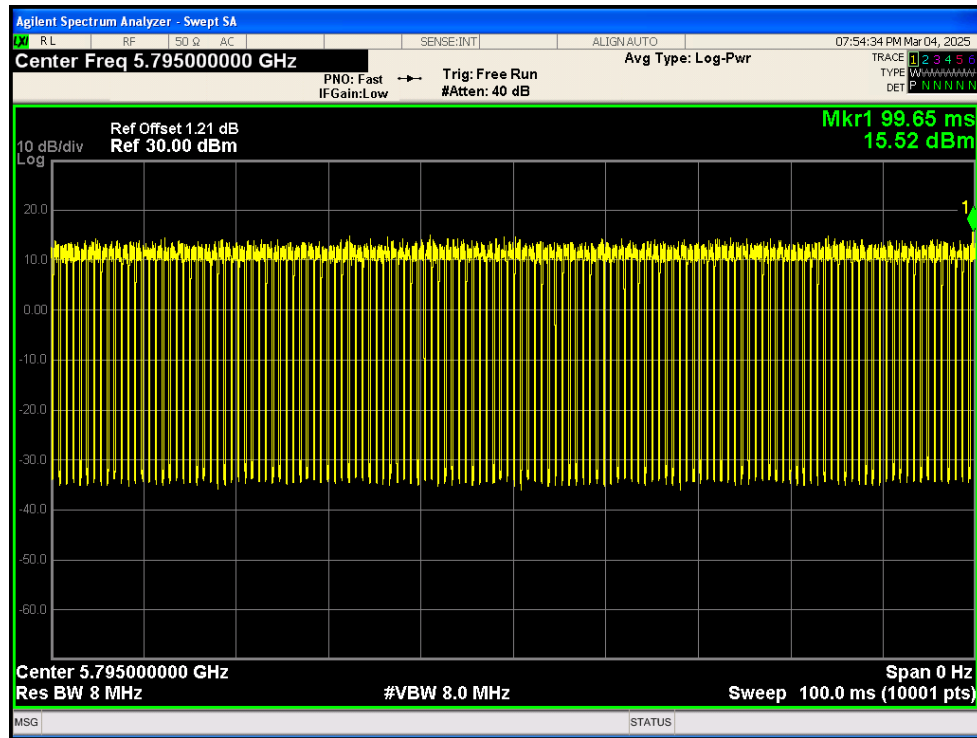
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



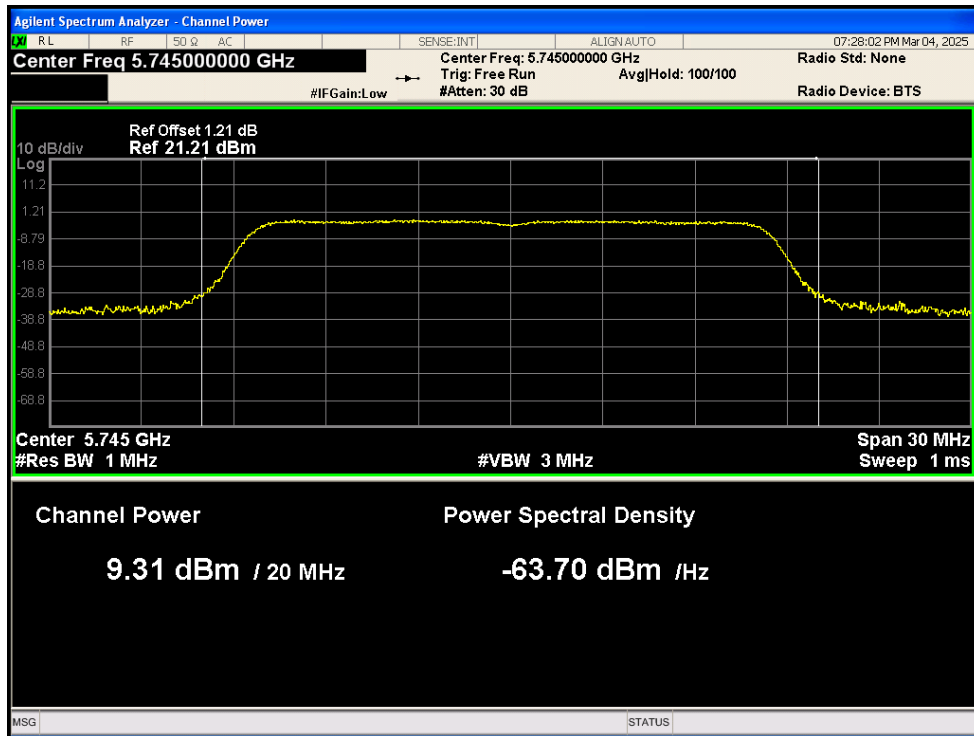
Duty Cycle NVNT n40 5795MHz Ant1



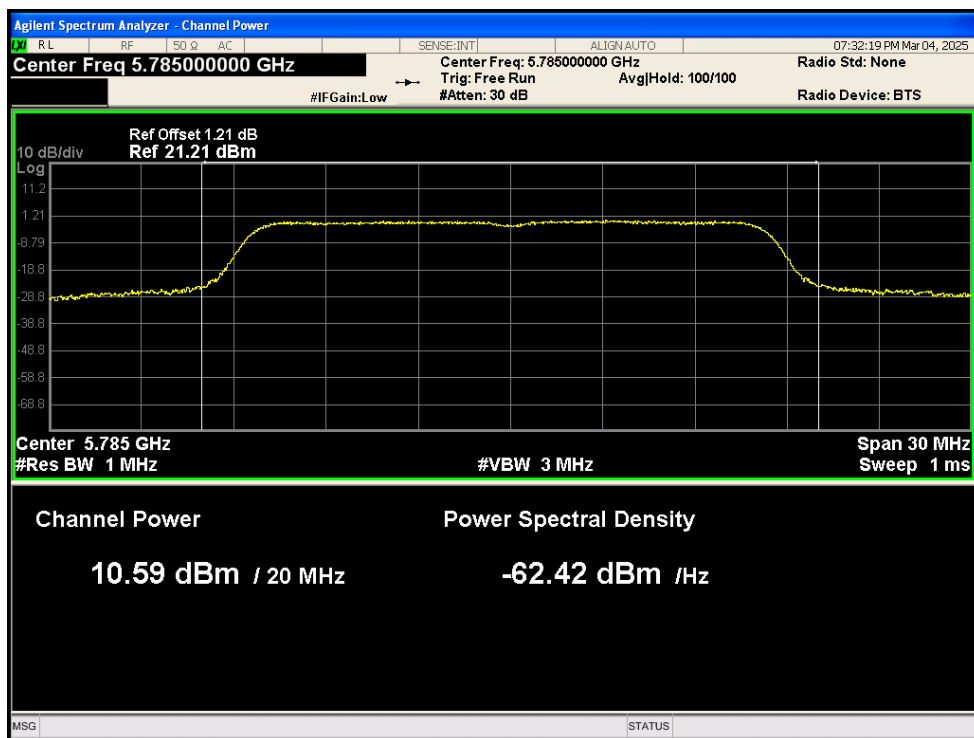
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	9.312	0.43	9.742	30	Pass
NVNT	a	5785	Ant1	10.588	0.43	11.018	30	Pass
NVNT	a	5825	Ant1	10.719	0.42	11.139	30	Pass
NVNT	ac20	5745	Ant1	9.261	0.51	9.771	30	Pass
NVNT	ac20	5785	Ant1	10.493	0.5	10.993	30	Pass
NVNT	ac20	5825	Ant1	10.709	0.5	11.209	30	Pass
NVNT	ac40	5755	Ant1	9.13	0.97	10.1	30	Pass
NVNT	ac40	5795	Ant1	9.675	0.96	10.635	30	Pass
NVNT	ac80	5775	Ant1	9.693	1.99	11.683	30	Pass
NVNT	n20	5745	Ant1	9.278	0.5	9.778	30	Pass
NVNT	n20	5785	Ant1	10.389	0.51	10.899	30	Pass
NVNT	n20	5825	Ant1	10.628	0.51	11.138	30	Pass
NVNT	n40	5755	Ant1	9.038	0.96	9.998	30	Pass
NVNT	n40	5795	Ant1	9.733	0.97	10.703	30	Pass

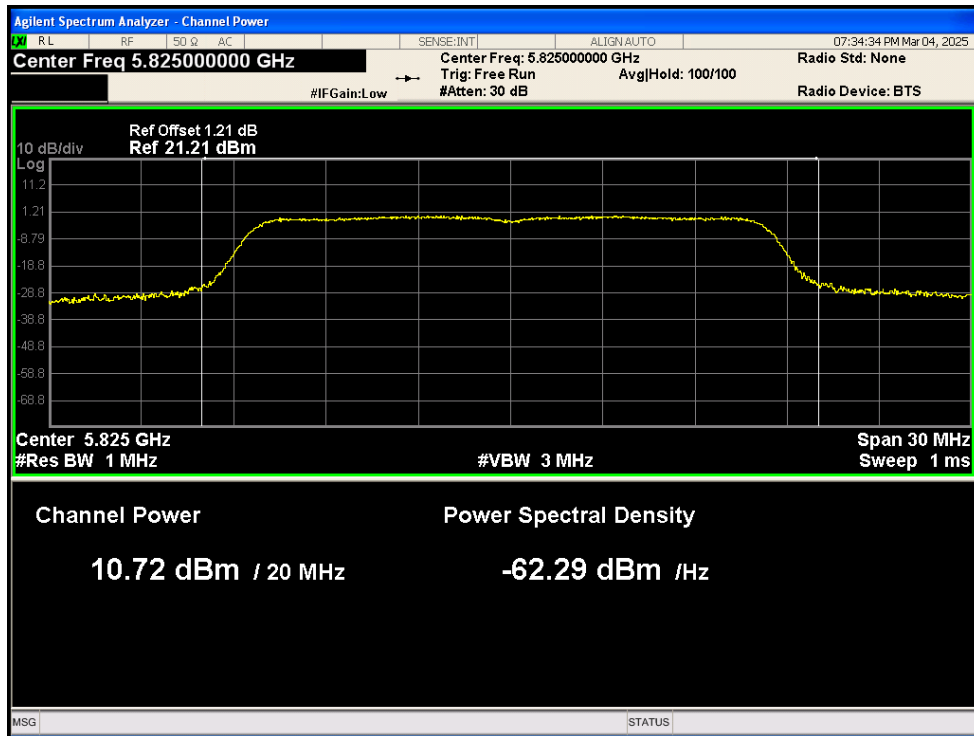
Power NVNT a 5745MHz Ant1



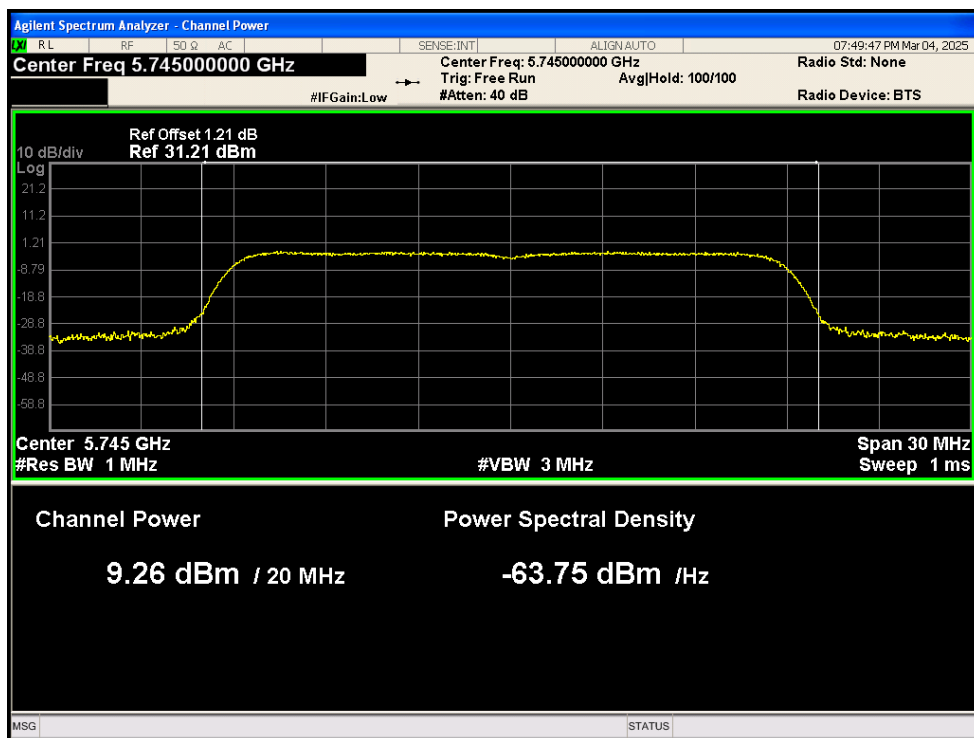
Power NVNT a 5785MHz Ant1



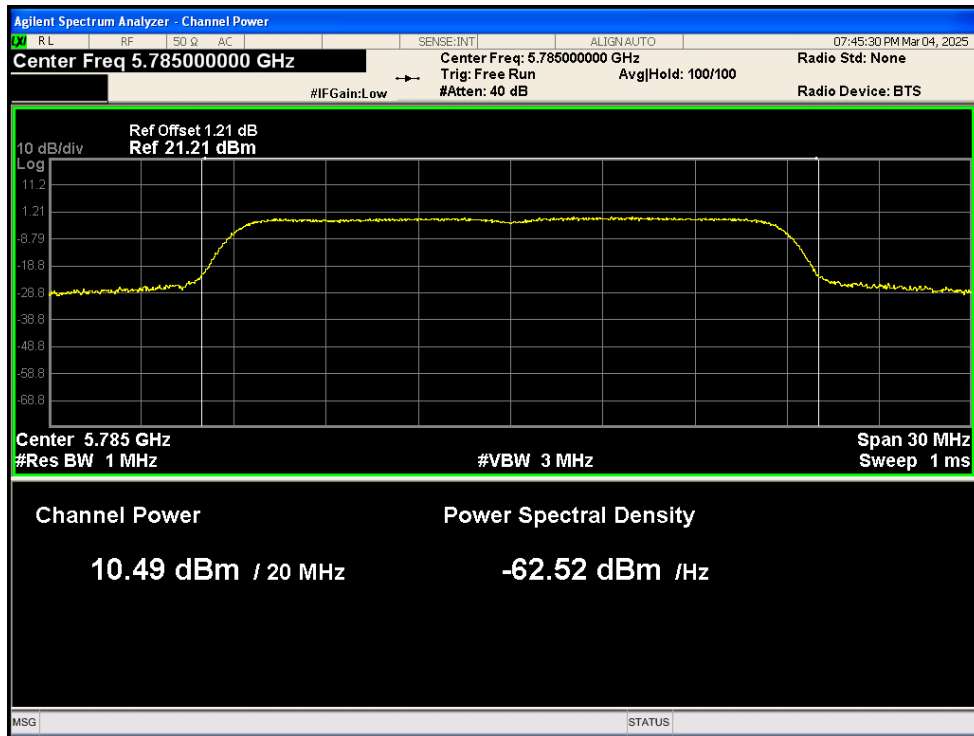
Power NVNT a 5825MHz Ant1



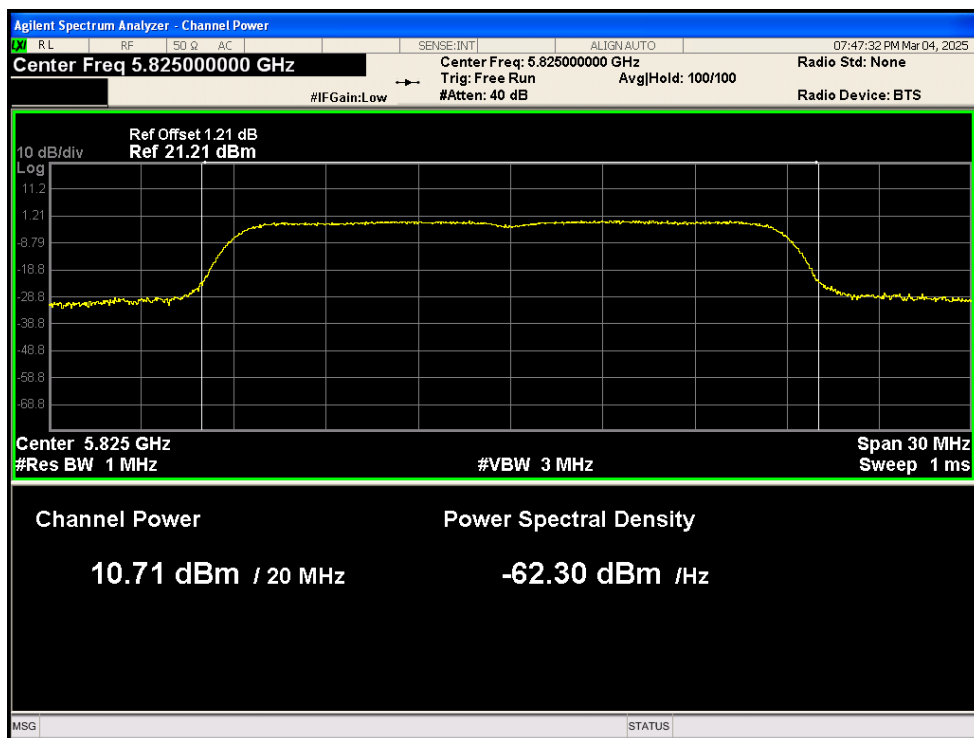
Power NVNT ac20 5745MHz Ant1



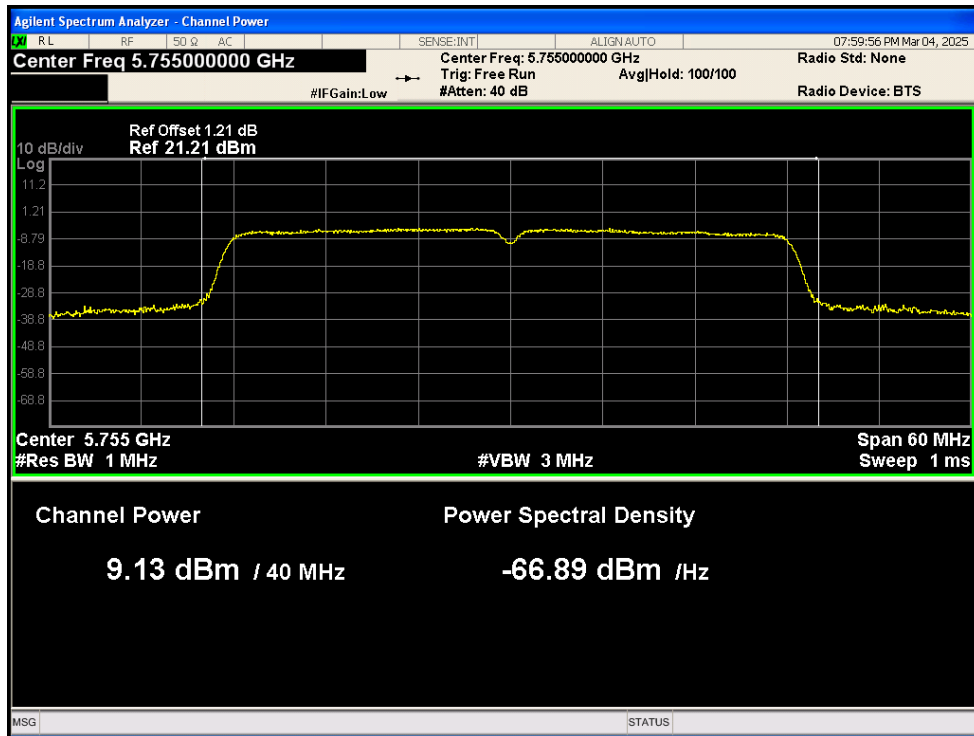
Power NVNT ac20 5785MHz Ant1



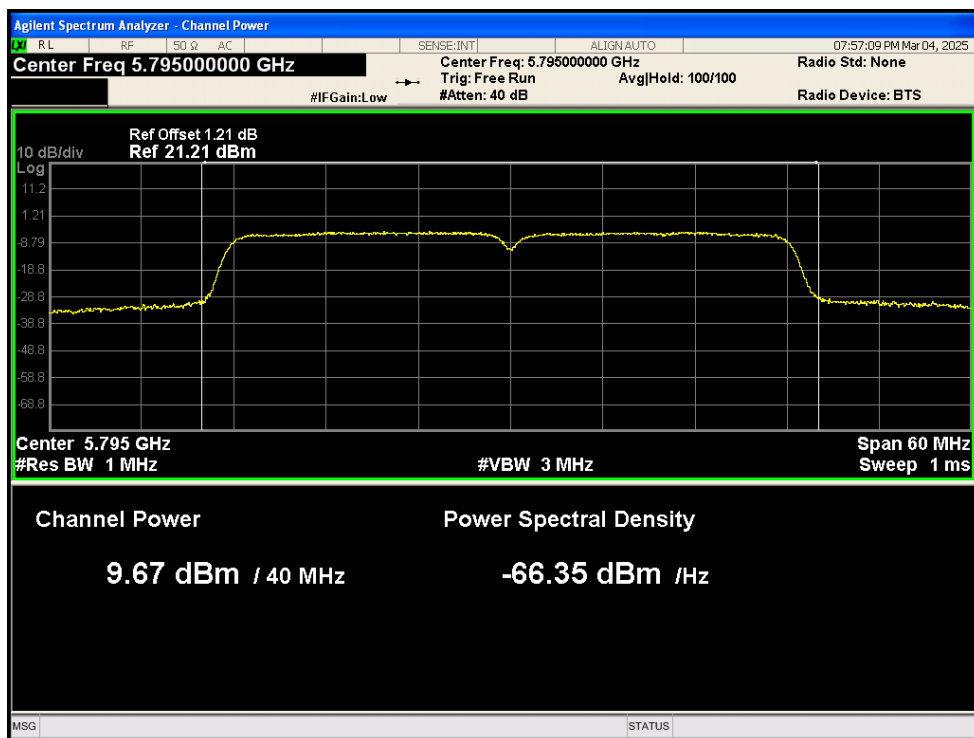
Power NVNT ac20 5825MHz Ant1



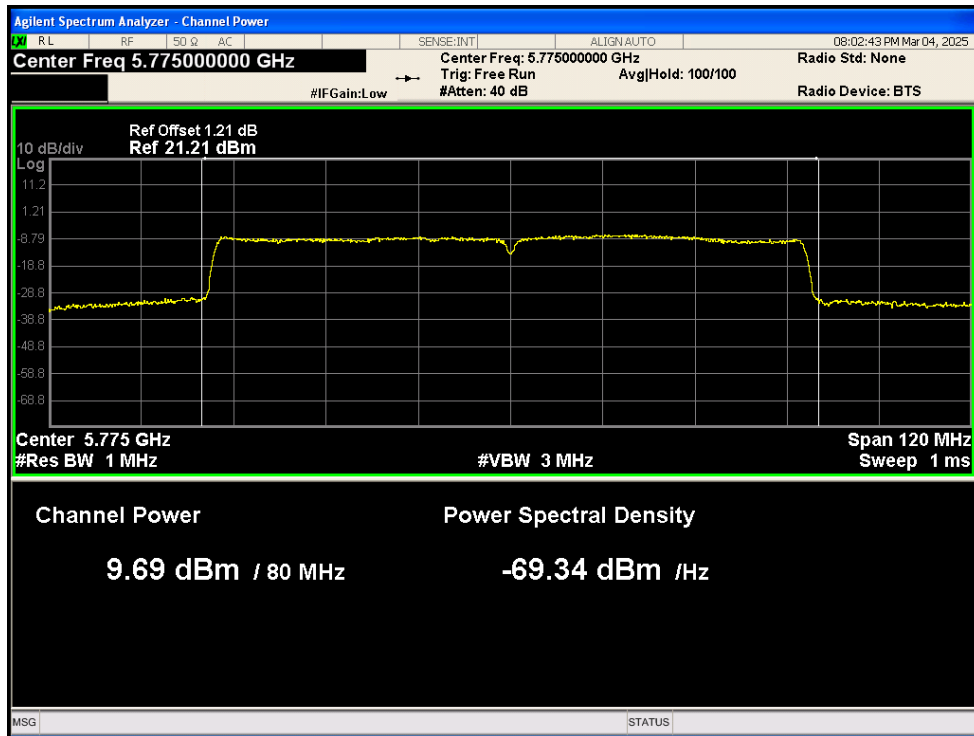
Power NVNT ac40 5755MHz Ant1



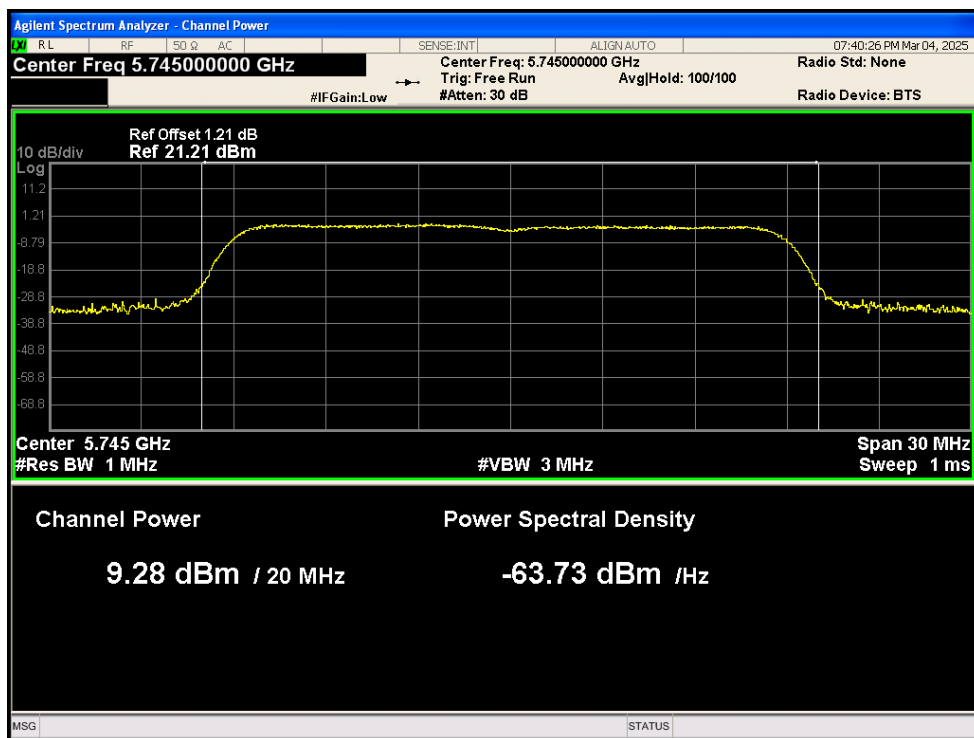
Power NVNT ac40 5795MHz Ant1



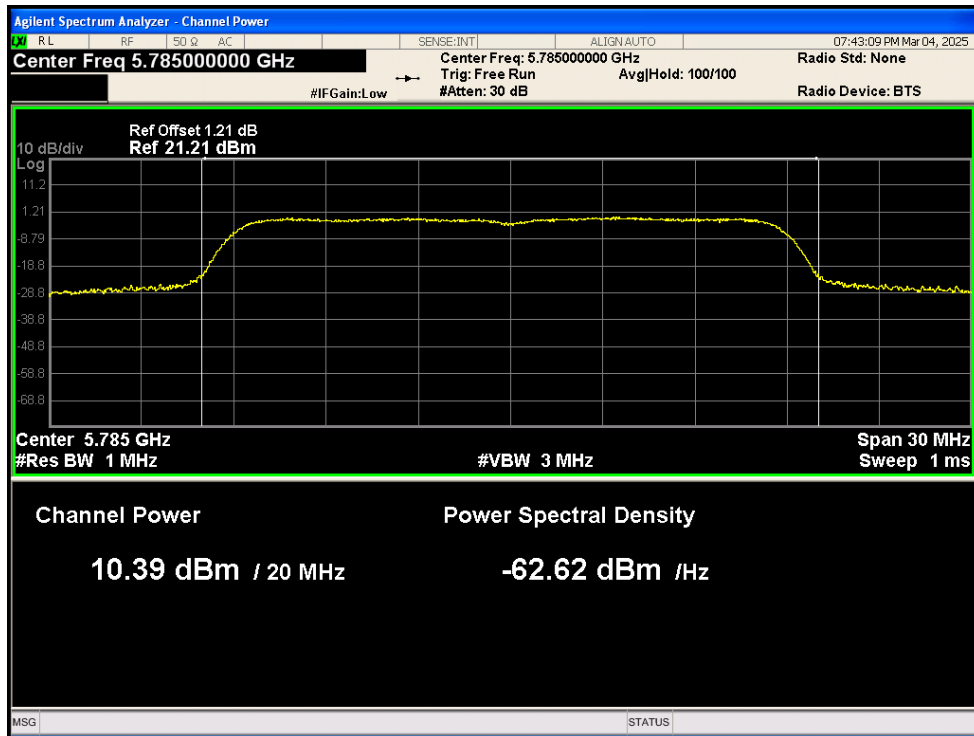
Power NVNT ac80 5775MHz Ant1



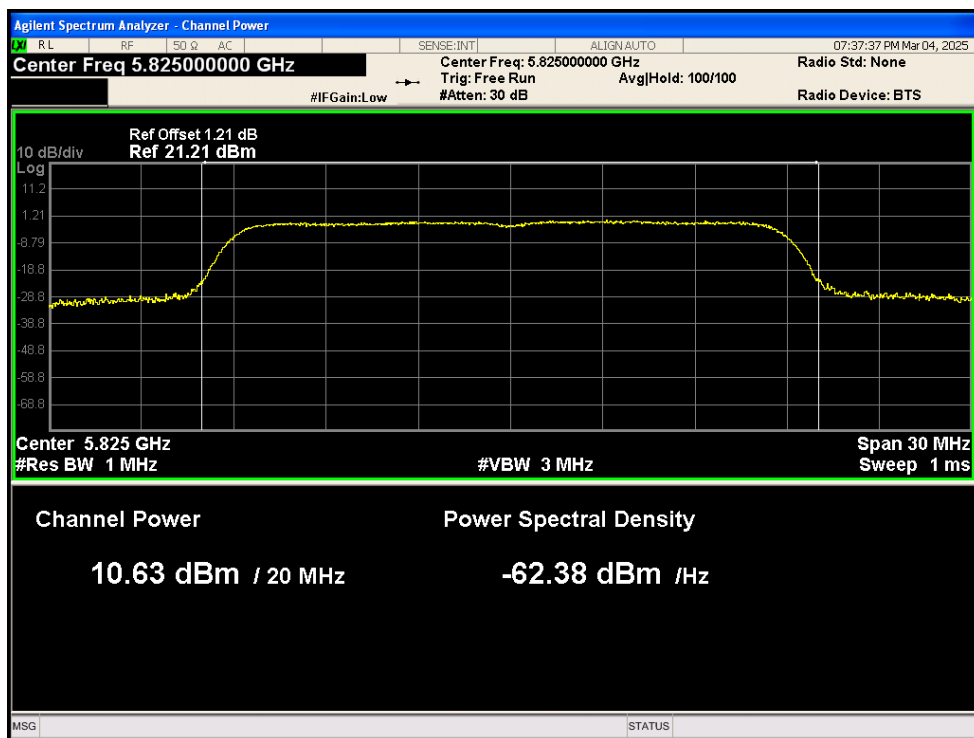
Power NVNT n20 5745MHz Ant1



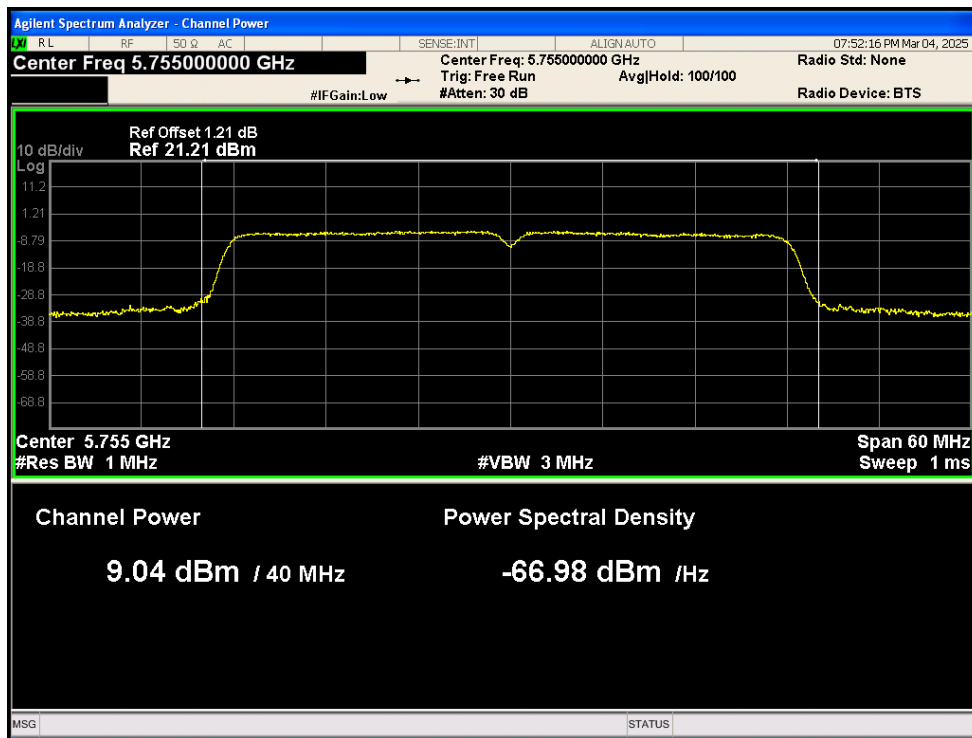
Power NVNT n20 5785MHz Ant1



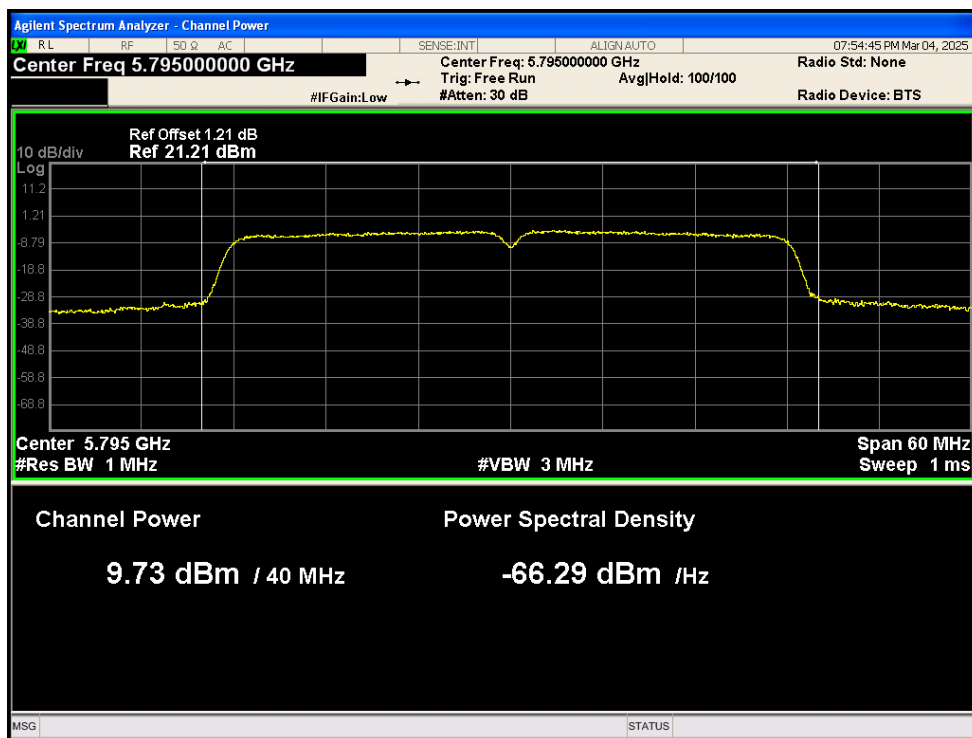
Power NVNT n20 5825MHz Ant1



Power NVNT n40 5755MHz Ant1



Power NVNT n40 5795MHz Ant1

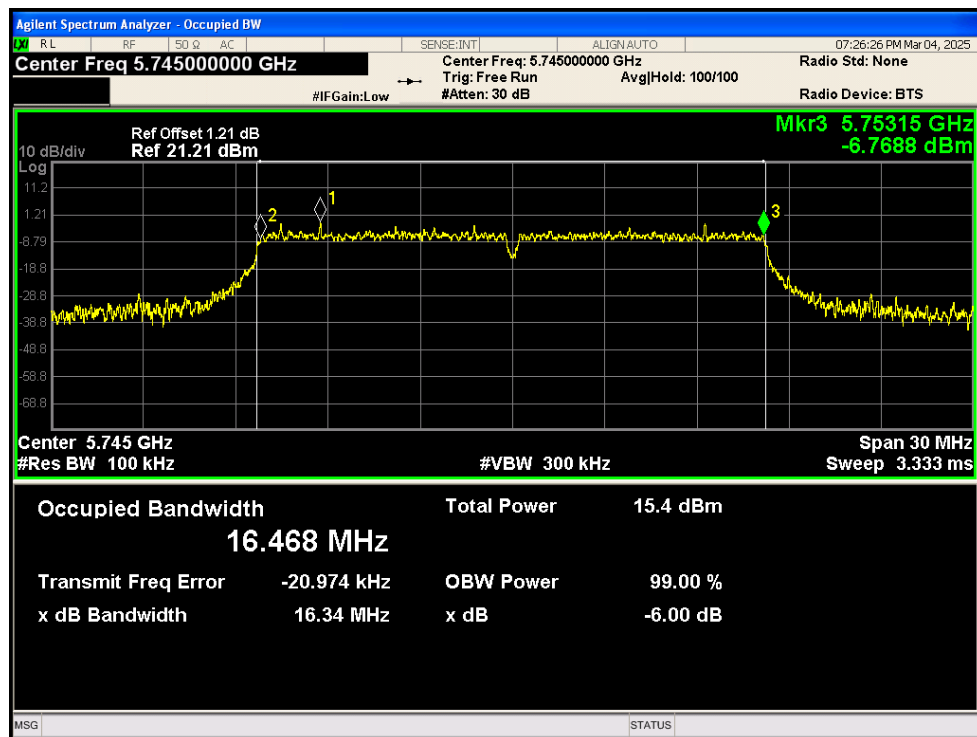


-6dB Bandwidth

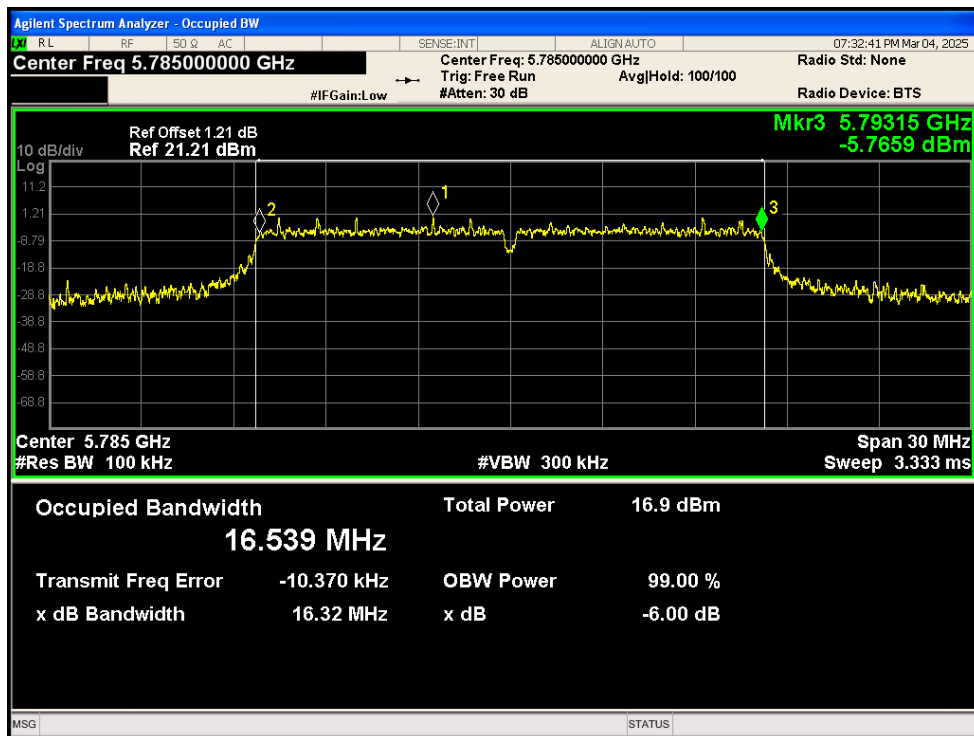
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.342	0.5	Pass
NVNT	a	5785	Ant1	16.321	0.5	Pass
NVNT	a	5825	Ant1	16.331	0.5	Pass
NVNT	ac20	5745	Ant1	16.851	0.5	Pass
NVNT	ac20	5785	Ant1	16.674	0.5	Pass

NVNT	ac20	5825	Ant1	16.971	0.5	Pass
NVNT	ac40	5755	Ant1	35.503	0.5	Pass
NVNT	ac40	5795	Ant1	35.421	0.5	Pass
NVNT	ac80	5775	Ant1	75.429	0.5	Pass
NVNT	n20	5745	Ant1	17.225	0.5	Pass
NVNT	n20	5785	Ant1	16.842	0.5	Pass
NVNT	n20	5825	Ant1	16.847	0.5	Pass
NVNT	n40	5755	Ant1	35.617	0.5	Pass
NVNT	n40	5795	Ant1	35.035	0.5	Pass

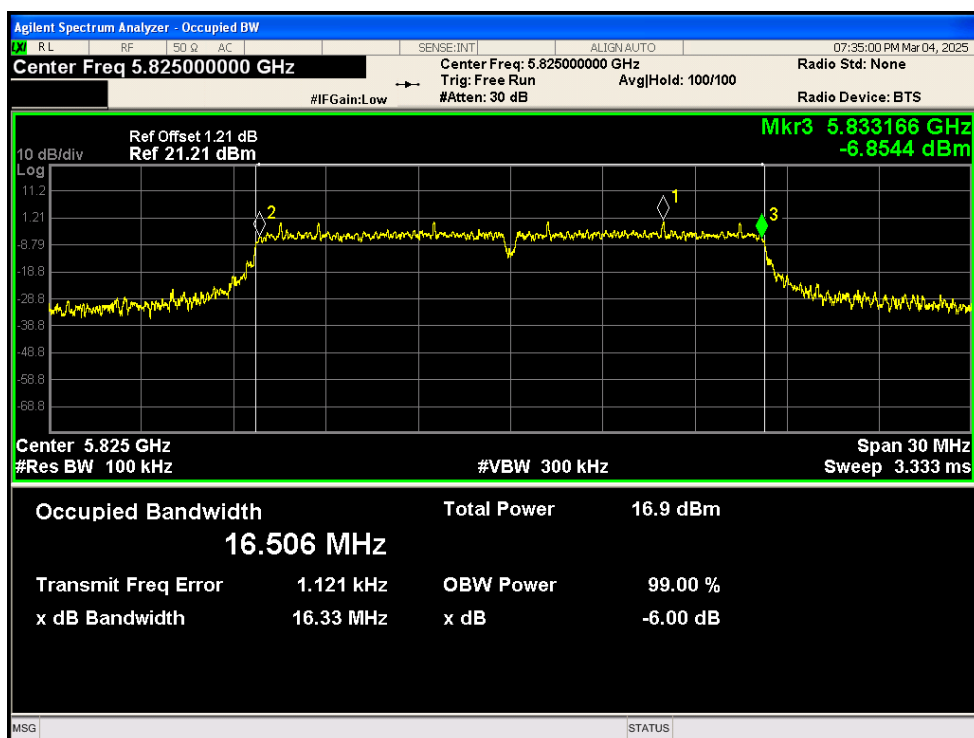
-6dB Bandwidth NVNT a 5745MHz Ant1



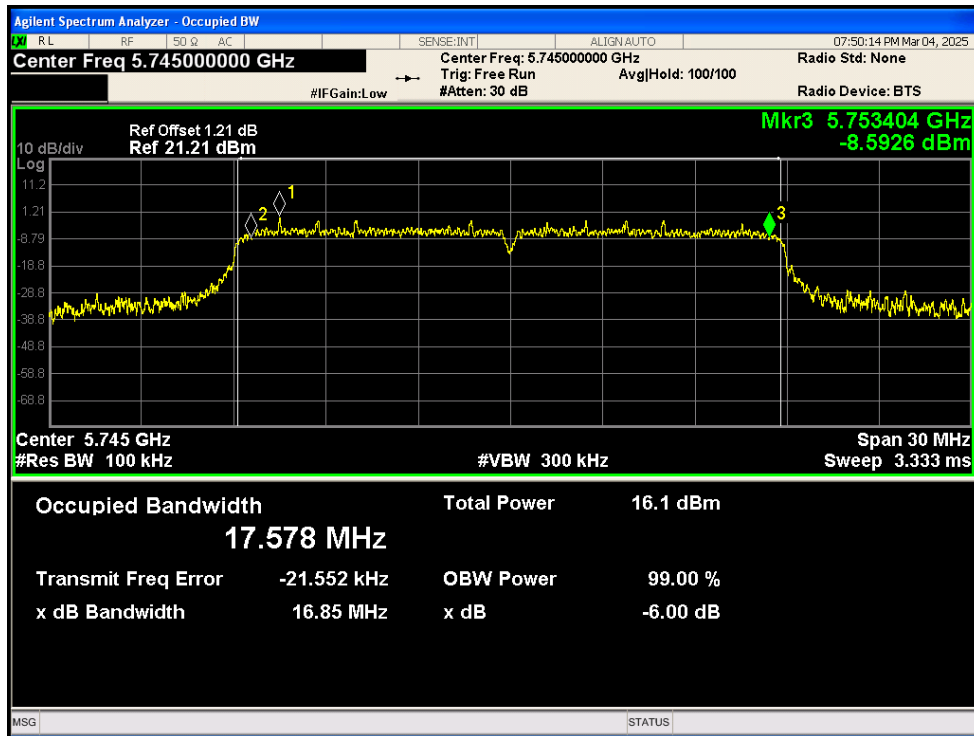
-6dB Bandwidth NVNT a 5785MHz Ant1



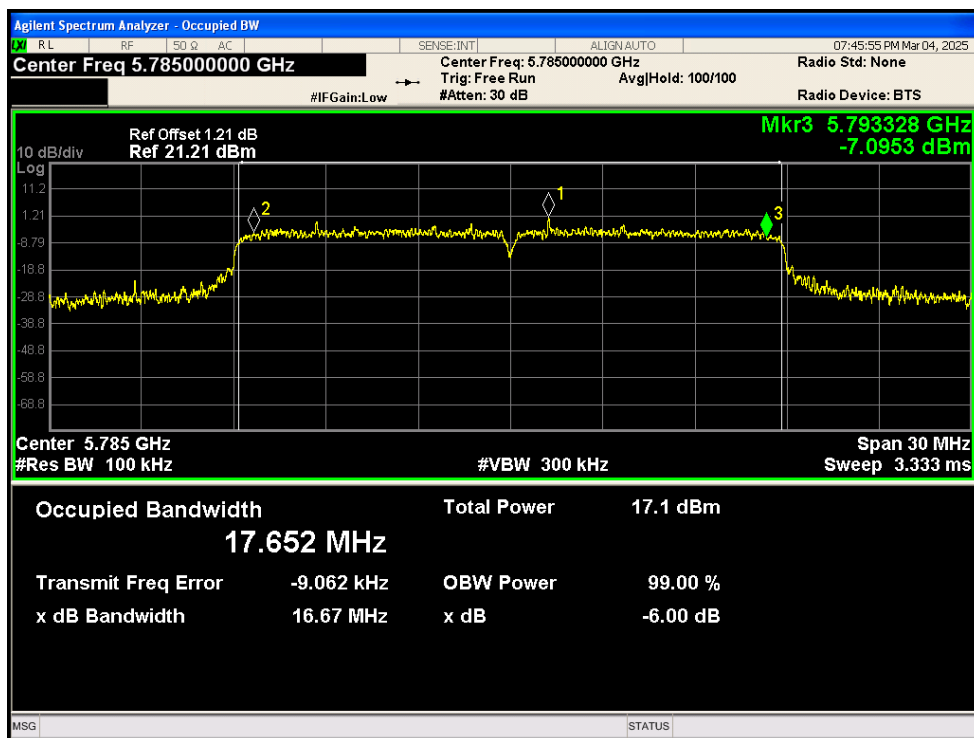
-6dB Bandwidth NVNT a 5825MHz Ant1



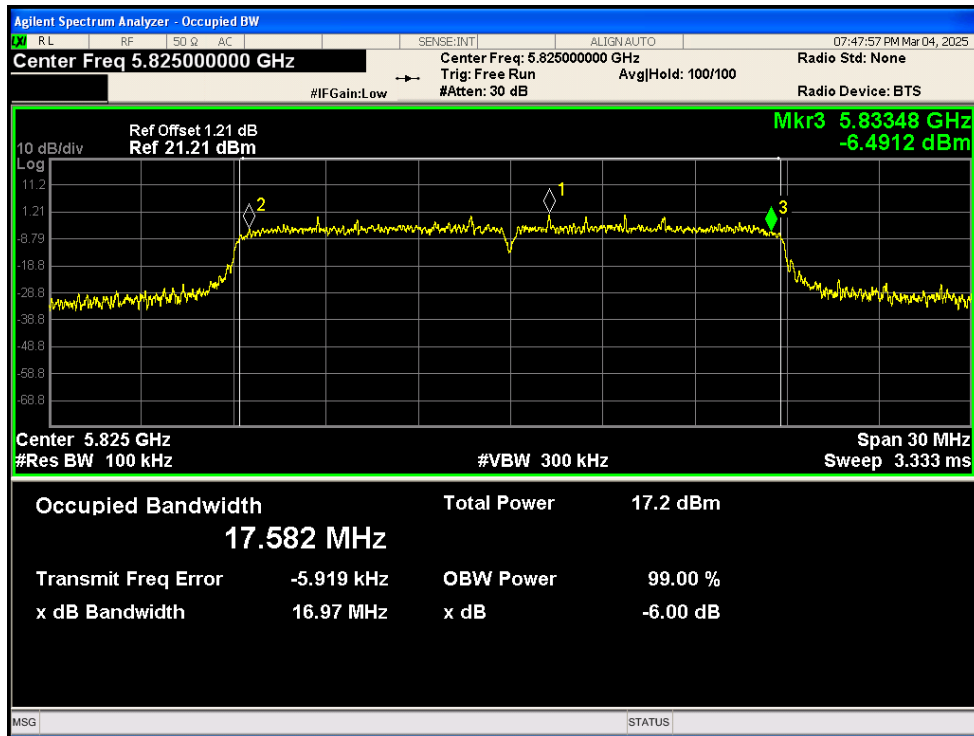
-6dB Bandwidth NVNT ac20 5745MHz Ant1



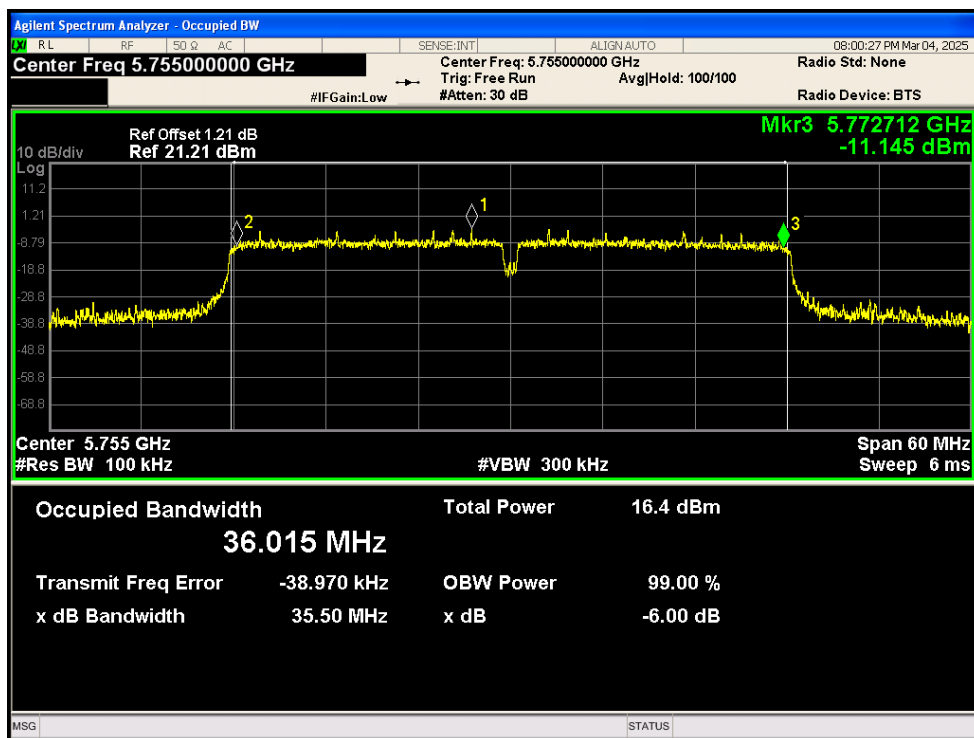
-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5795MHz Ant1