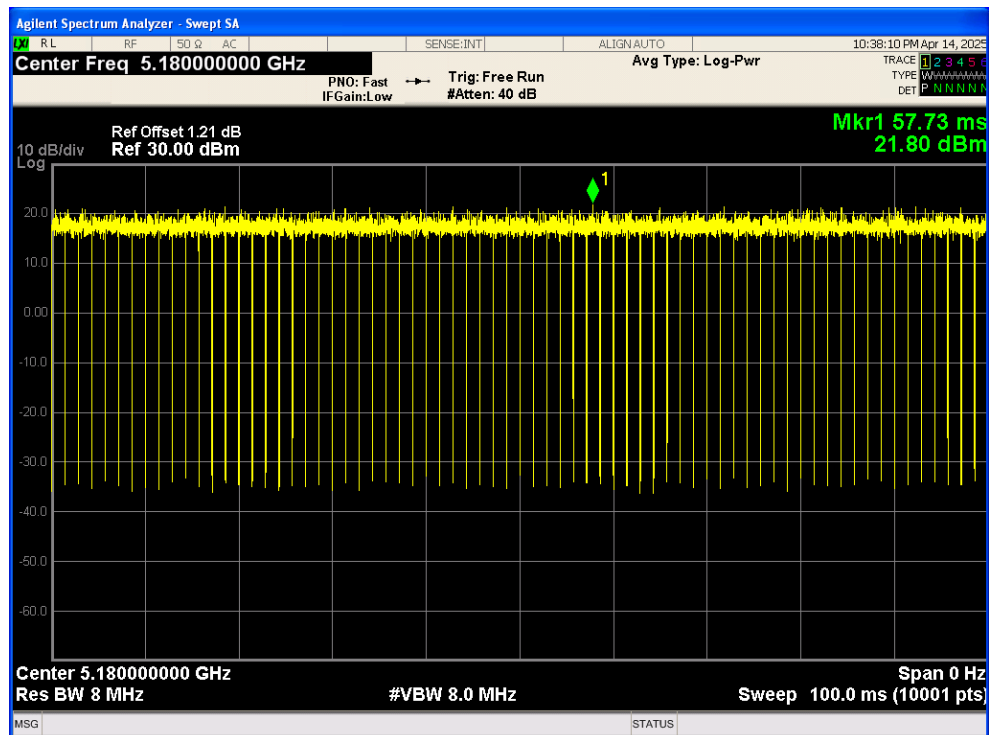


WIFI 5.2G:

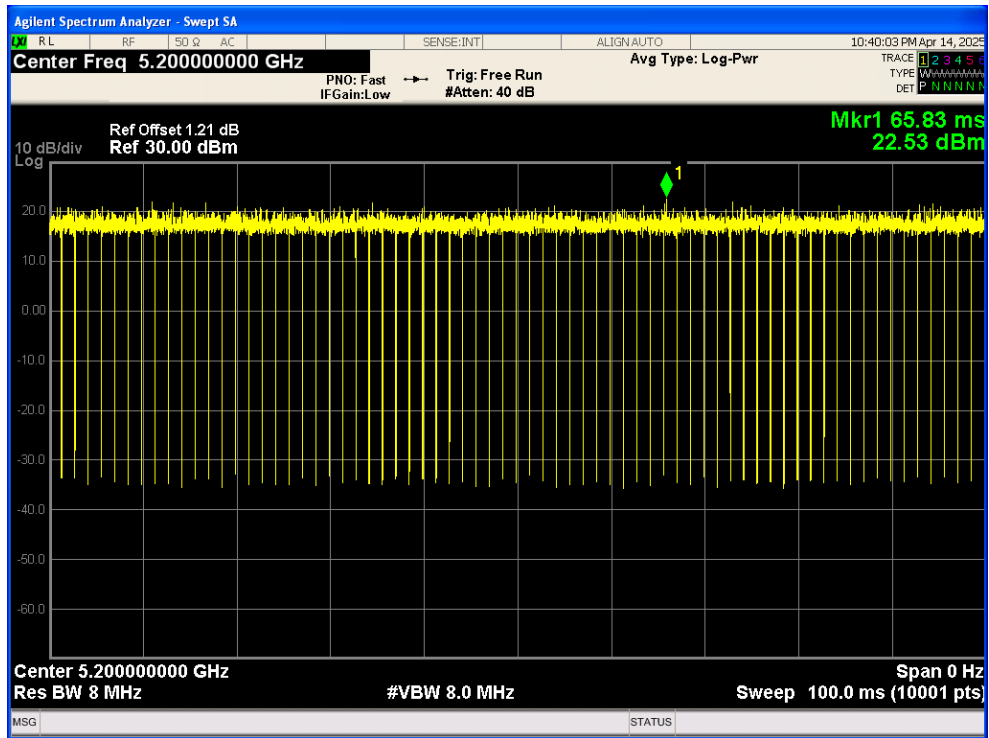
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	98.17	0.08
NVNT	a	5200	Ant1	98.19	0.08
NVNT	a	5240	Ant1	98.2	0.08
NVNT	ac20	5180	Ant1	98.08	0.08
NVNT	ac20	5200	Ant1	98.1	0.08
NVNT	ac20	5240	Ant1	98.07	0.08
NVNT	ac40	5190	Ant1	96.36	0.16
NVNT	ac40	5230	Ant1	96.37	0.16
NVNT	ac80	5210	Ant1	93.16	0.31
NVNT	n20	5180	Ant1	98.09	0.08
NVNT	n20	5200	Ant1	98.06	0.09
NVNT	n20	5240	Ant1	98.06	0.09
NVNT	n40	5190	Ant1	96.32	0.16
NVNT	n40	5230	Ant1	96.36	0.16

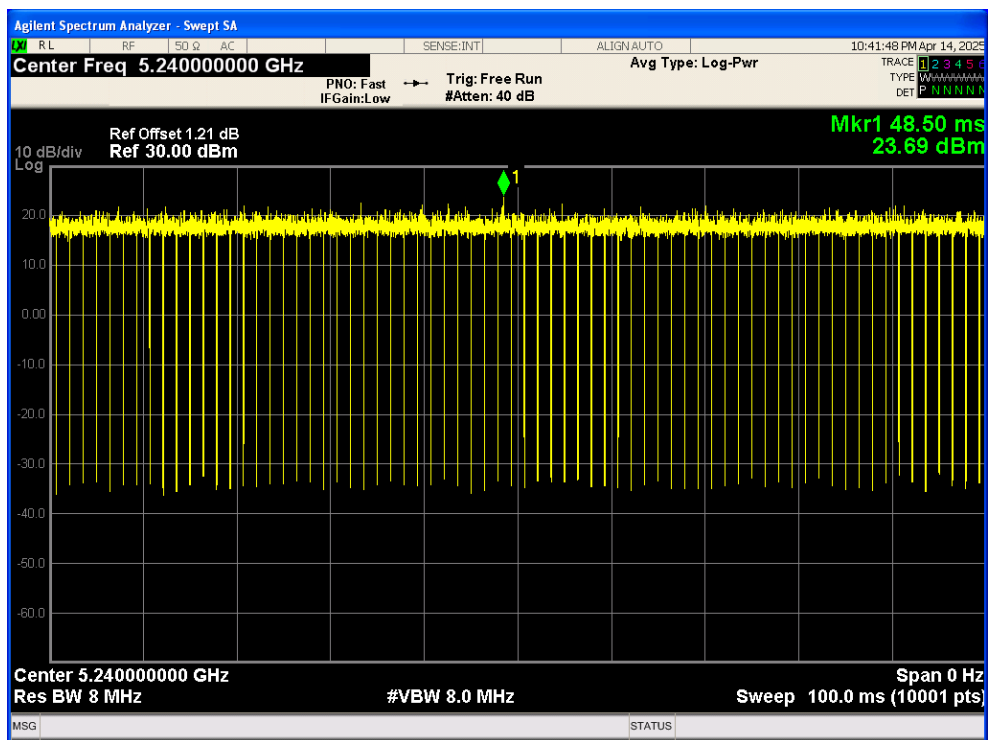
Duty Cycle NVNT a 5180MHz Ant1



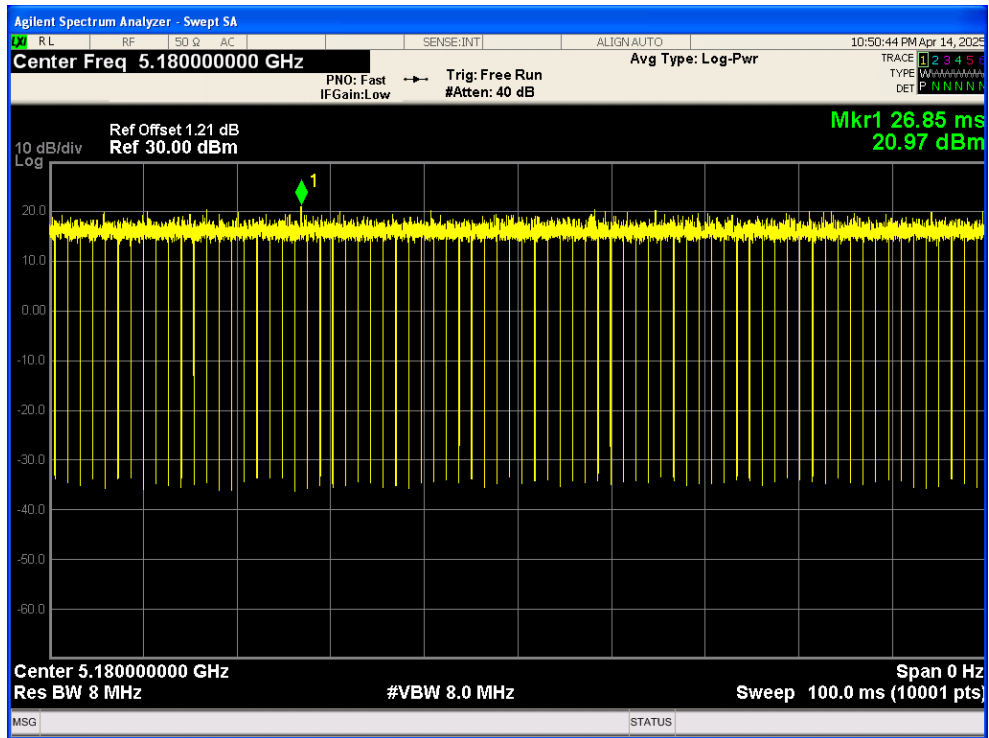
Duty Cycle NVNT a 5200MHz Ant1



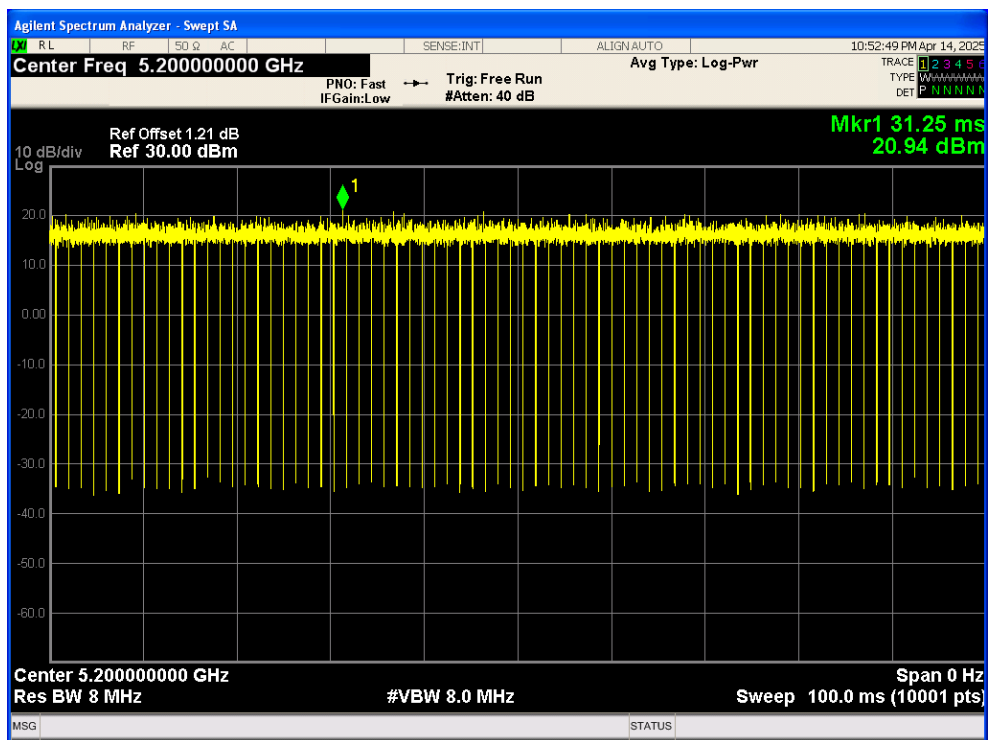
Duty Cycle NVNT a 5240MHz Ant1



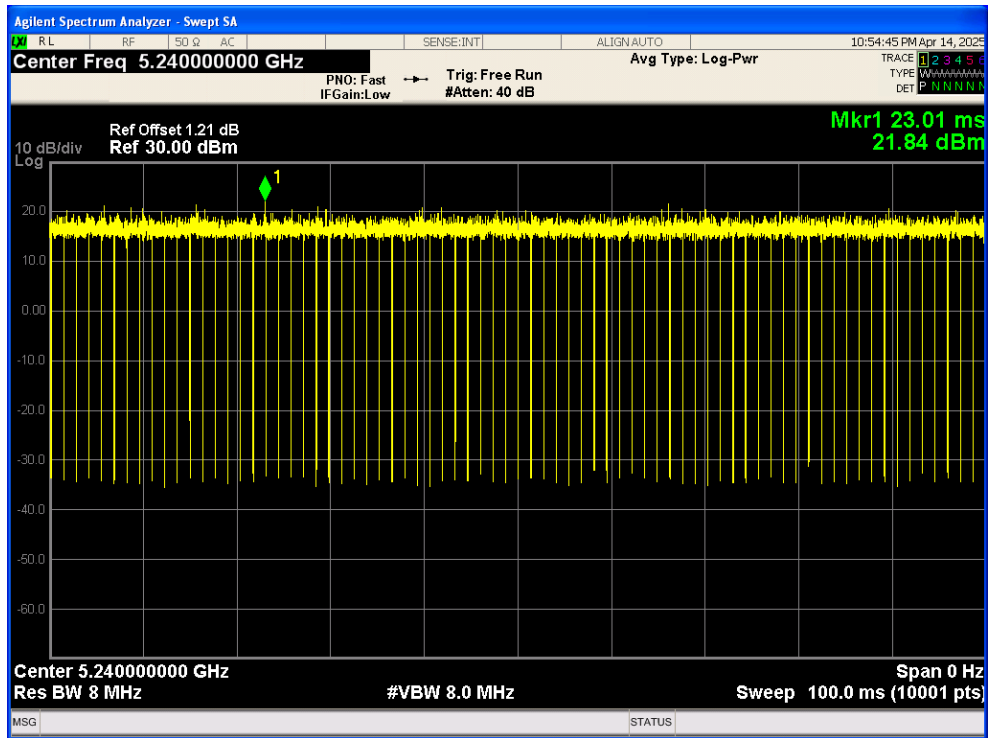
Duty Cycle NVNT ac20 5180MHz Ant1



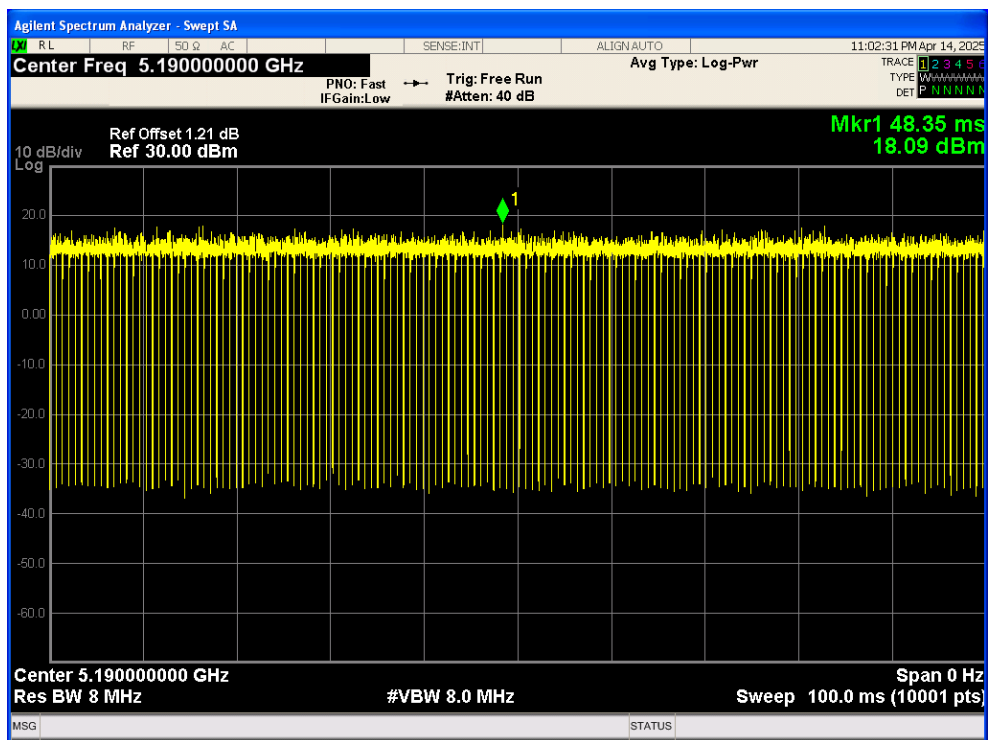
Duty Cycle NVNT ac20 5200MHz Ant1



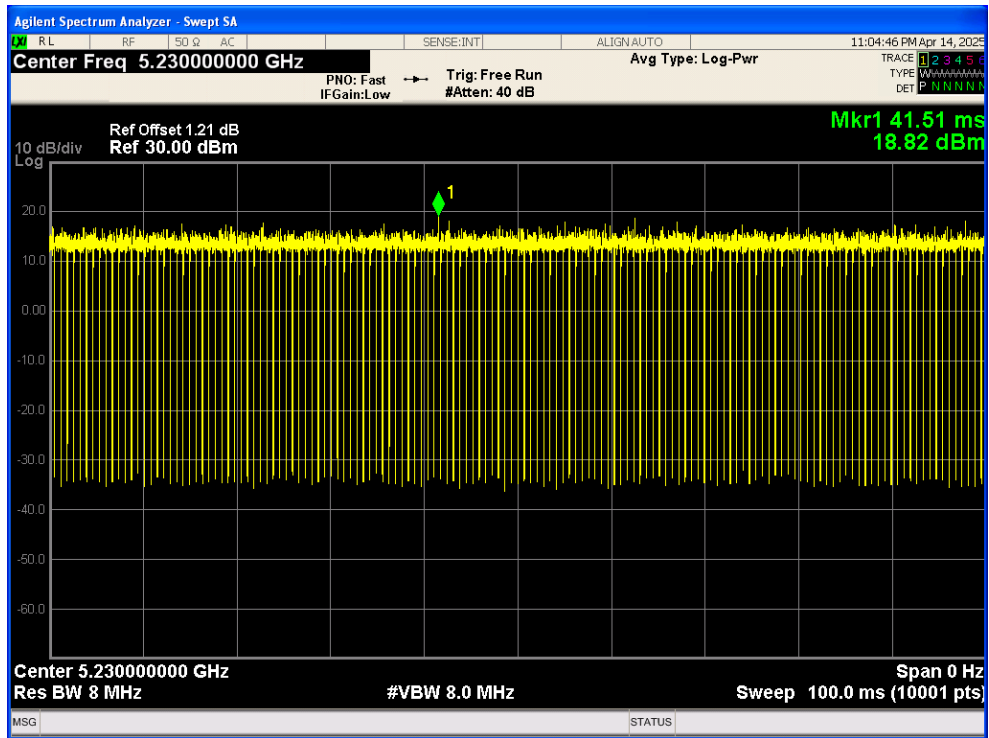
Duty Cycle NVNT ac20 5240MHz Ant1



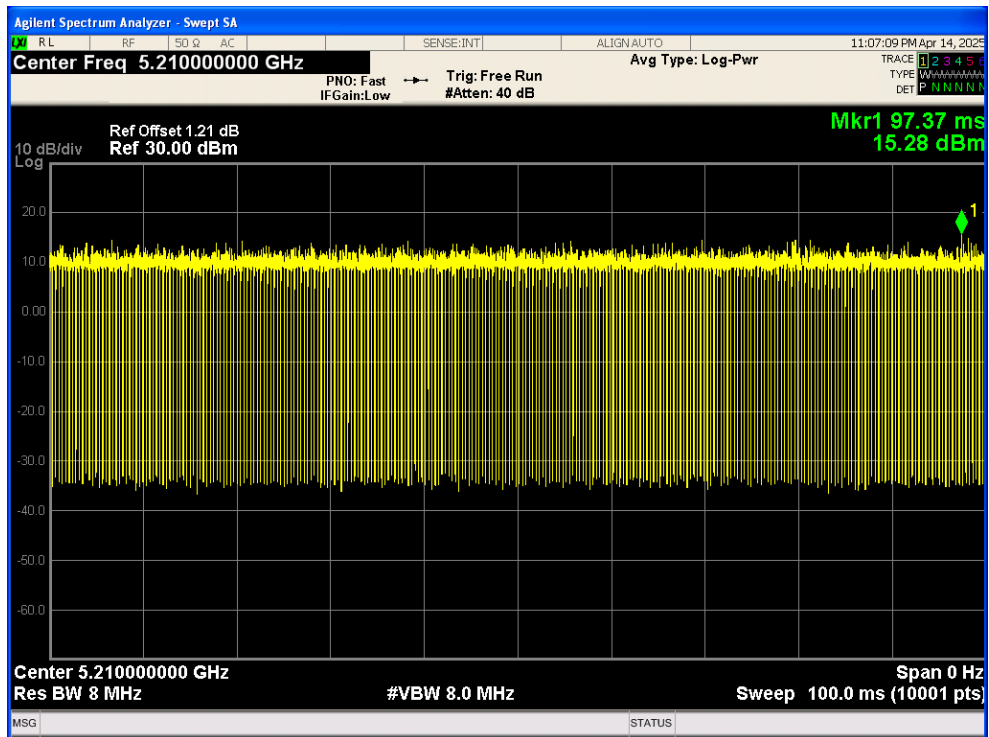
Duty Cycle NVNT ac40 5190MHz Ant1



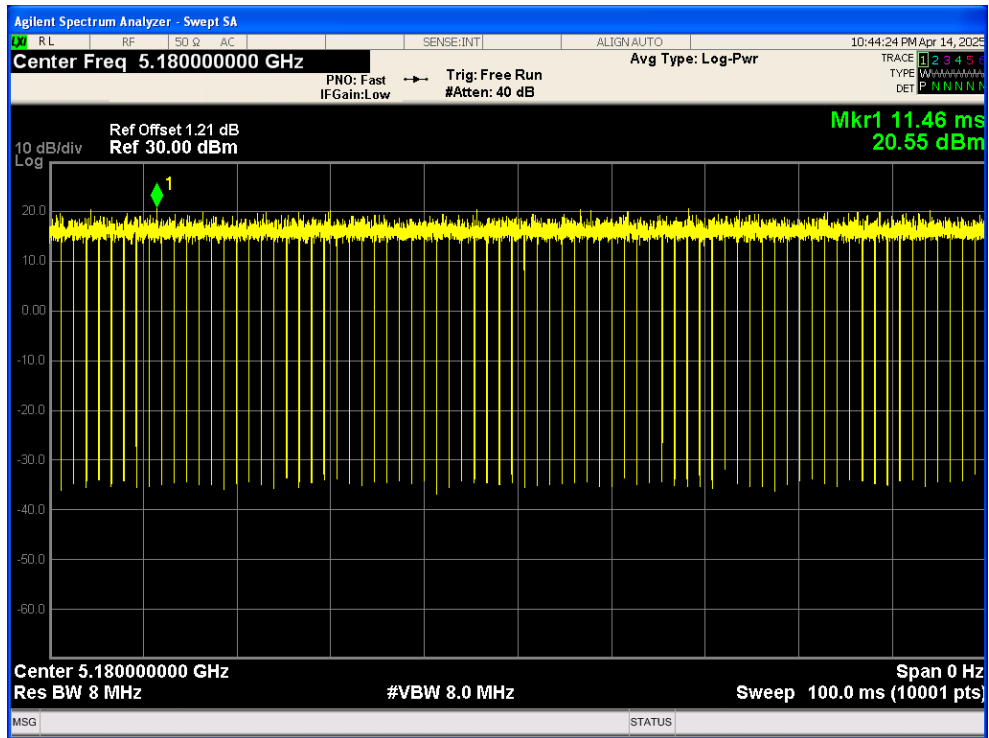
Duty Cycle NVNT ac40 5230MHz Ant1



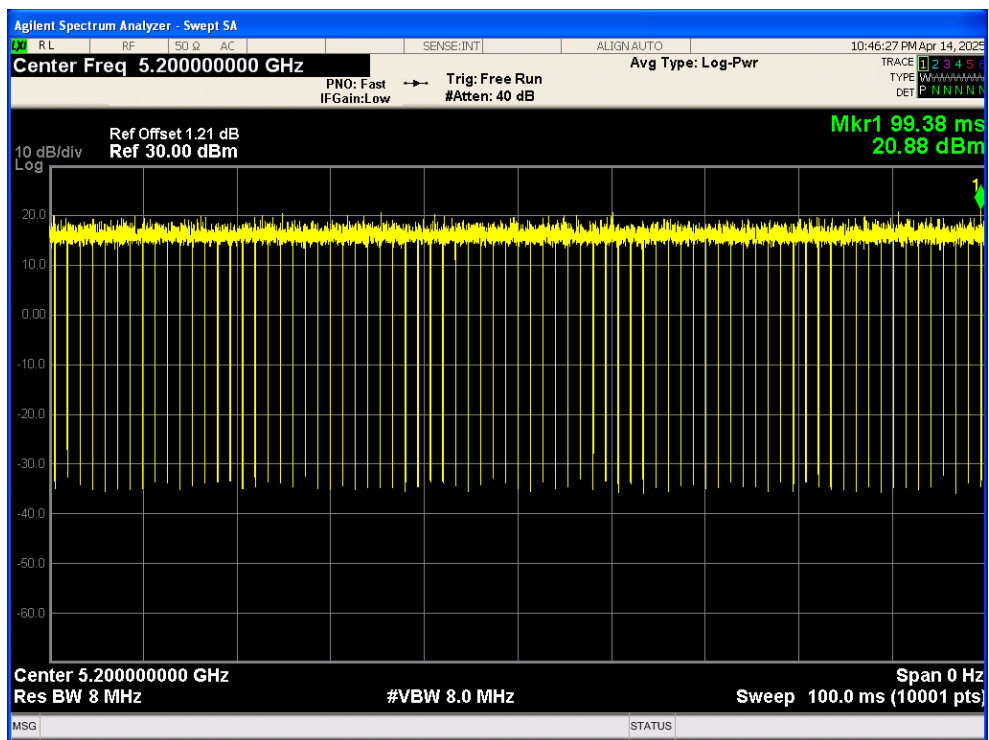
Duty Cycle NVNT ac80 5210MHz Ant1



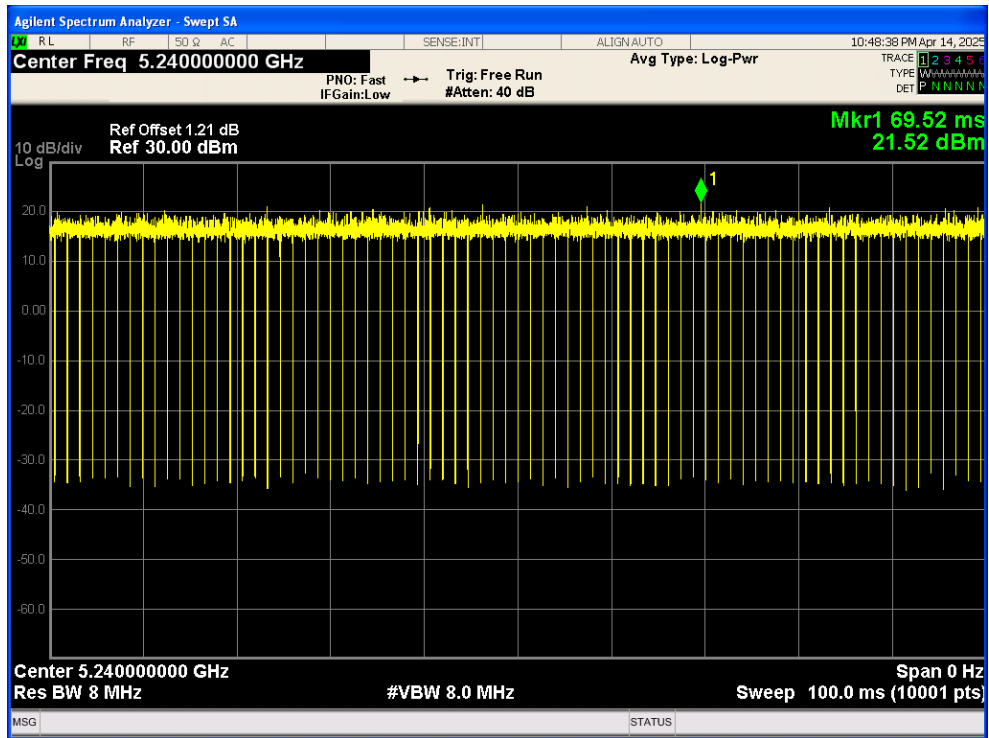
Duty Cycle NVNT n20 5180MHz Ant1



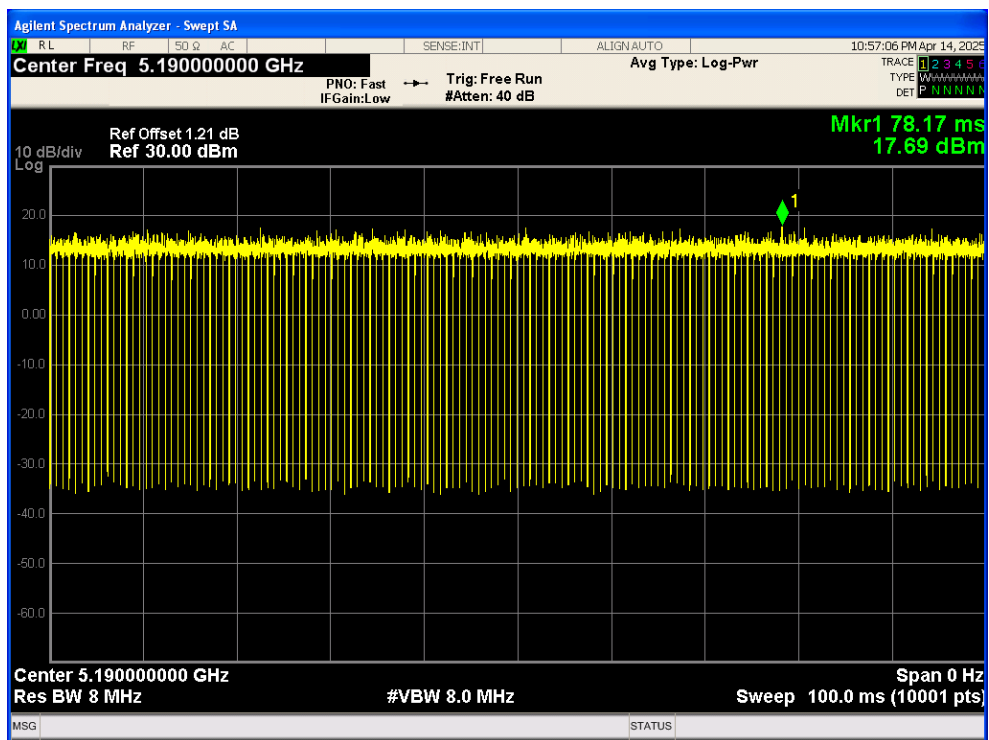
Duty Cycle NVNT n20 5200MHz Ant1



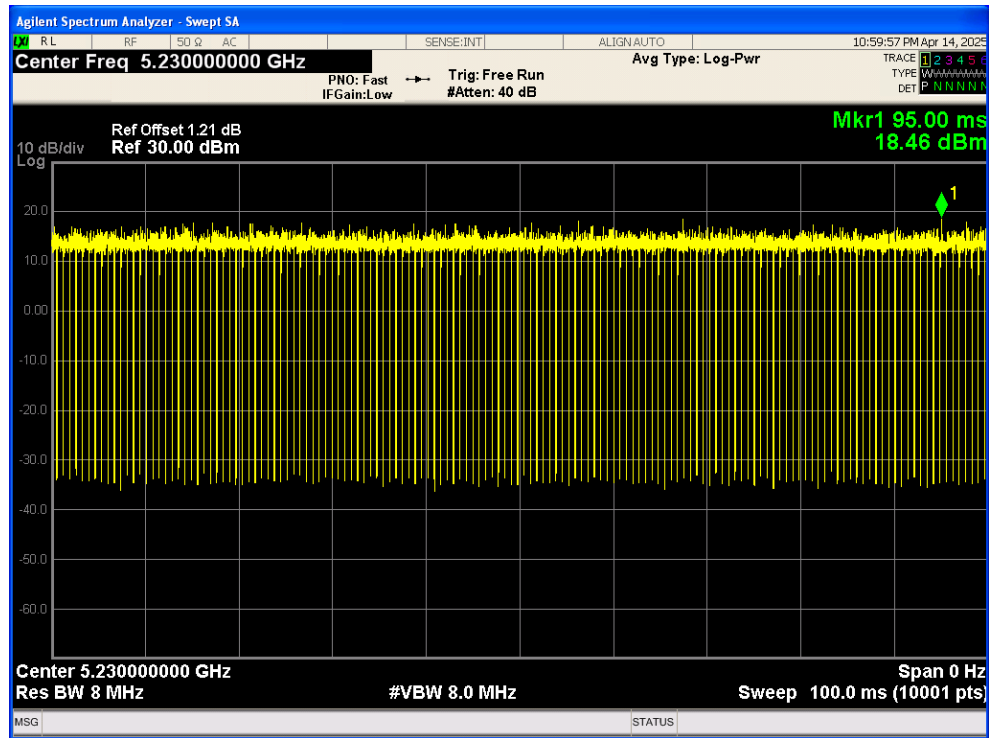
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



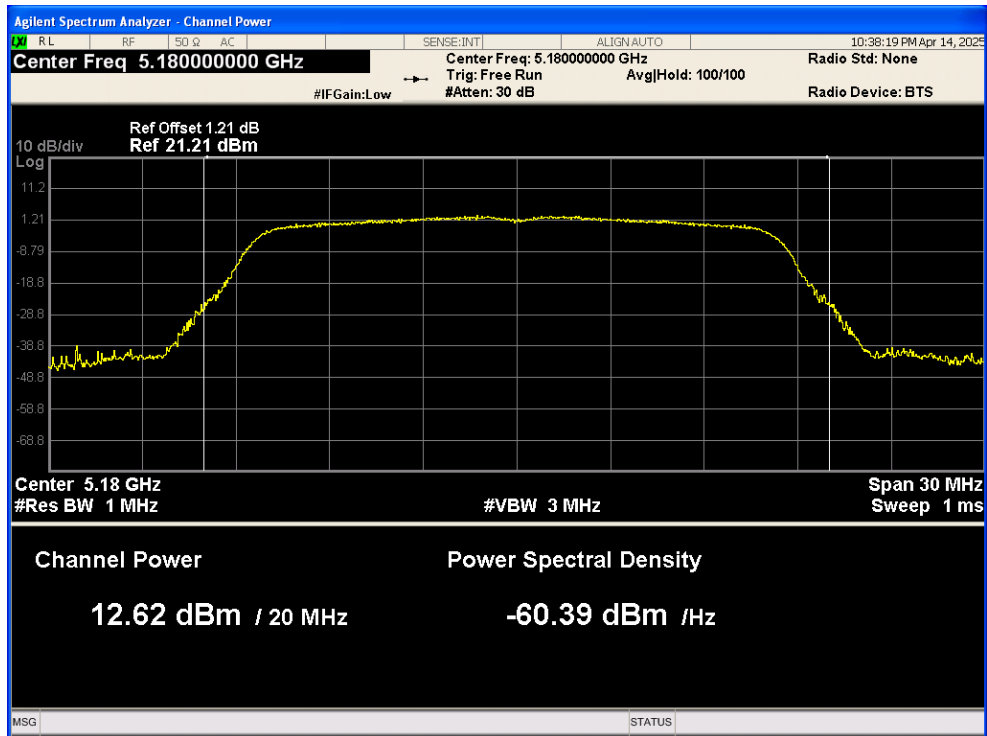
Duty Cycle NVNT n40 5230MHz Ant1



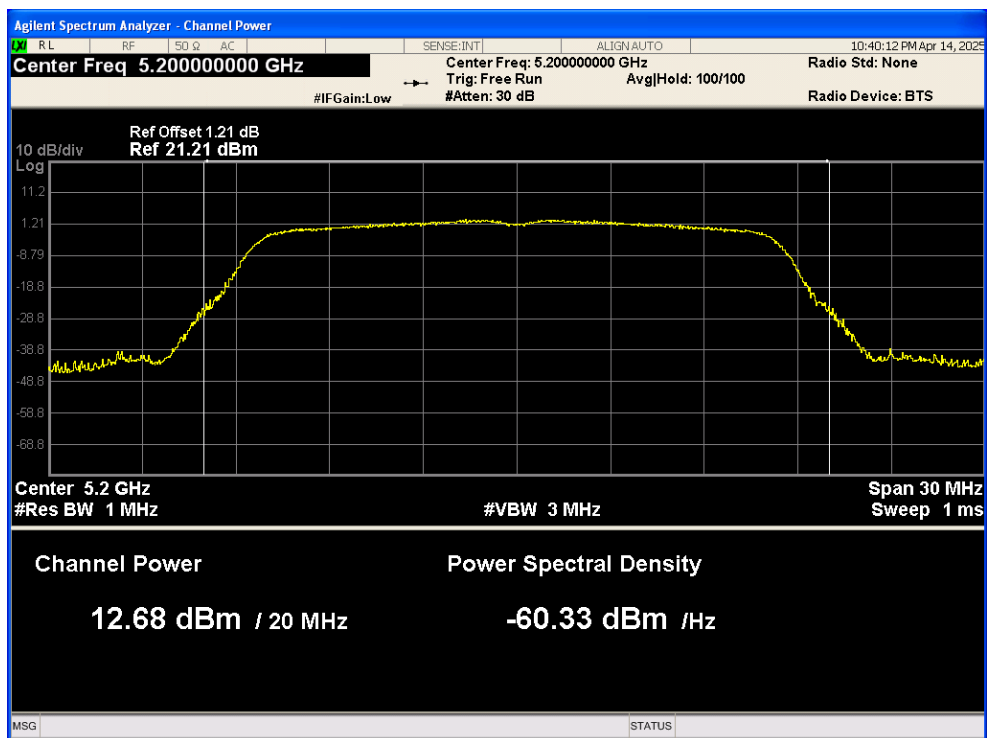
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.618	0.08	12.698	24	Pass
NVNT	a	5200	Ant1	12.684	0.08	12.764	24	Pass
NVNT	a	5240	Ant1	13.076	0.08	13.156	24	Pass
NVNT	ac20	5180	Ant1	11.54	0.08	11.62	24	Pass
NVNT	ac20	5200	Ant1	11.559	0.08	11.639	24	Pass
NVNT	ac20	5240	Ant1	11.886	0.08	11.966	24	Pass
NVNT	ac40	5190	Ant1	11.519	0.16	11.679	24	Pass
NVNT	ac40	5230	Ant1	11.759	0.16	11.919	24	Pass
NVNT	ac80	5210	Ant1	11.472	0.31	11.782	24	Pass
NVNT	n20	5180	Ant1	11.575	0.08	11.655	24	Pass
NVNT	n20	5200	Ant1	11.634	0.09	11.724	24	Pass
NVNT	n20	5240	Ant1	11.945	0.09	12.035	24	Pass
NVNT	n40	5190	Ant1	11.572	0.16	11.732	24	Pass
NVNT	n40	5230	Ant1	11.844	0.16	12.004	24	Pass

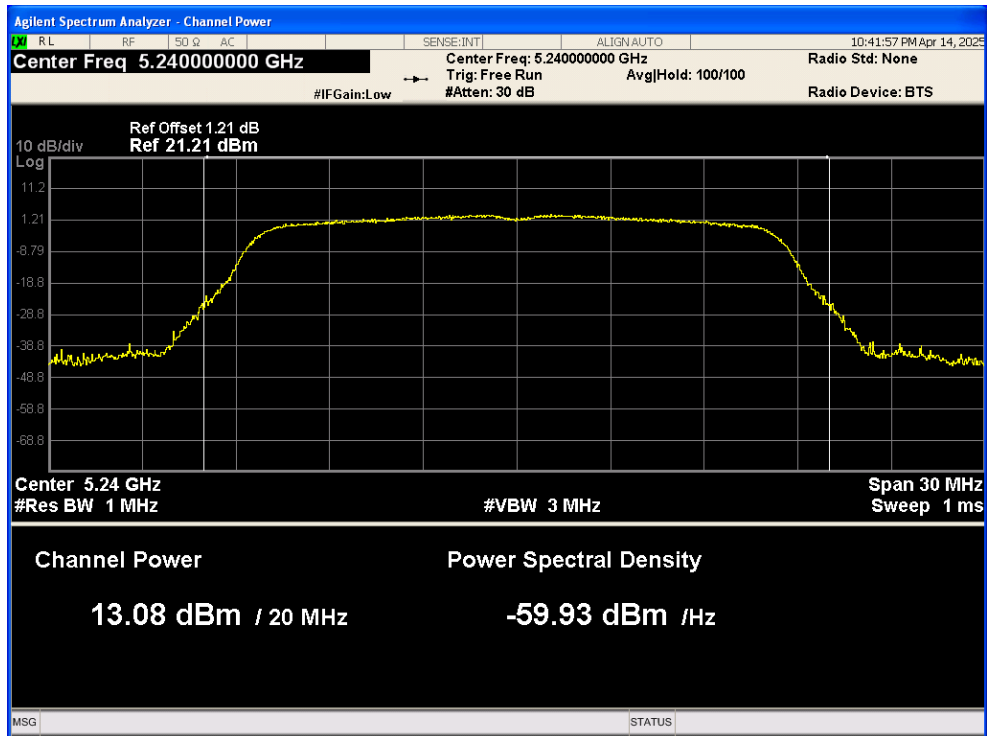
Power NVNT a 5180MHz Ant1



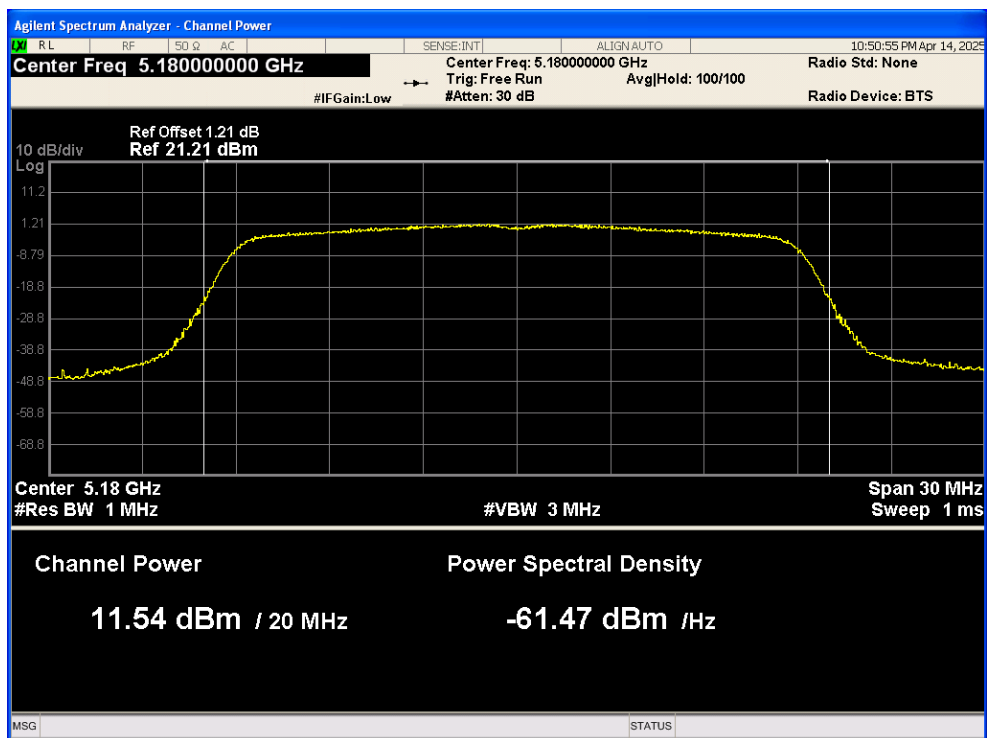
Power NVNT a 5200MHz Ant1



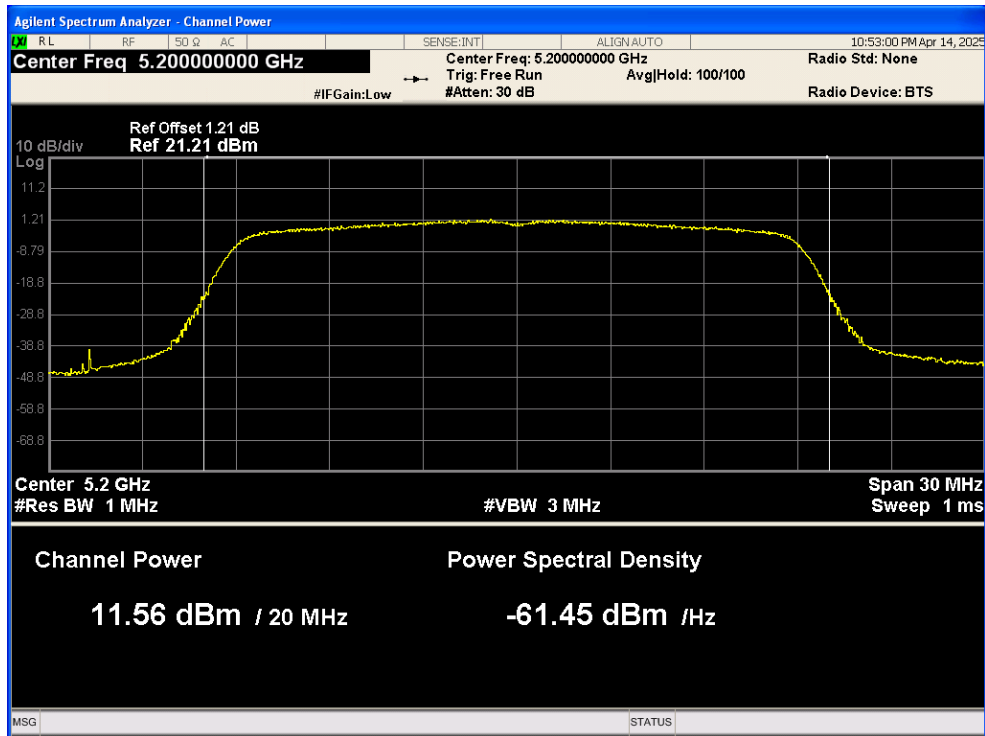
Power NVNT a 5240MHz Ant1



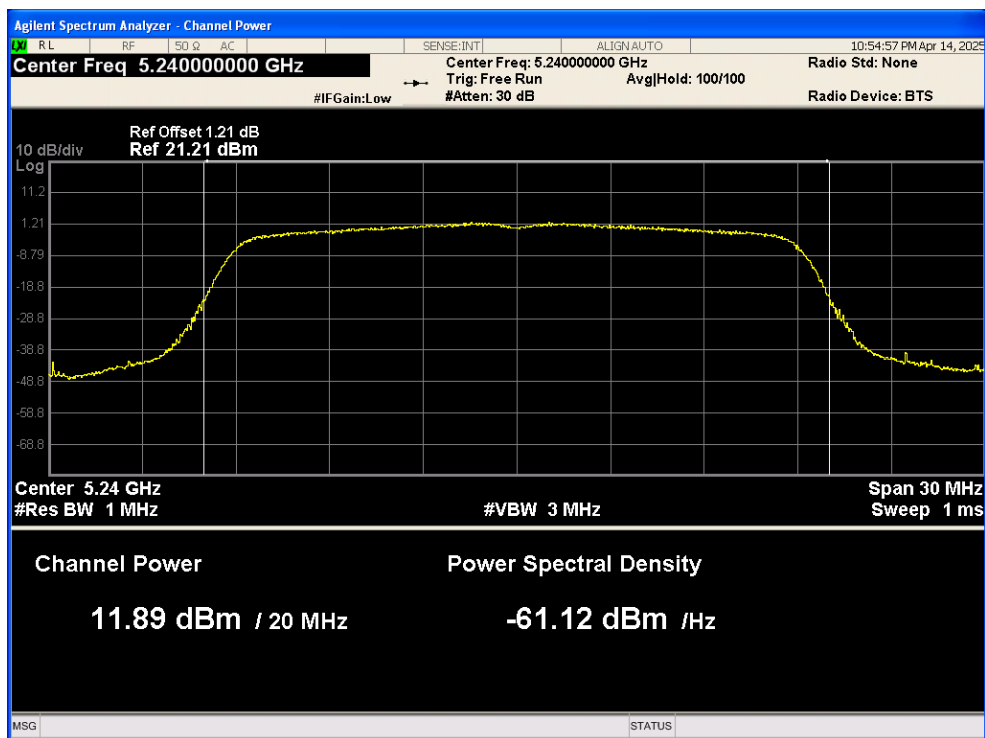
Power NVNT ac20 5180MHz Ant1



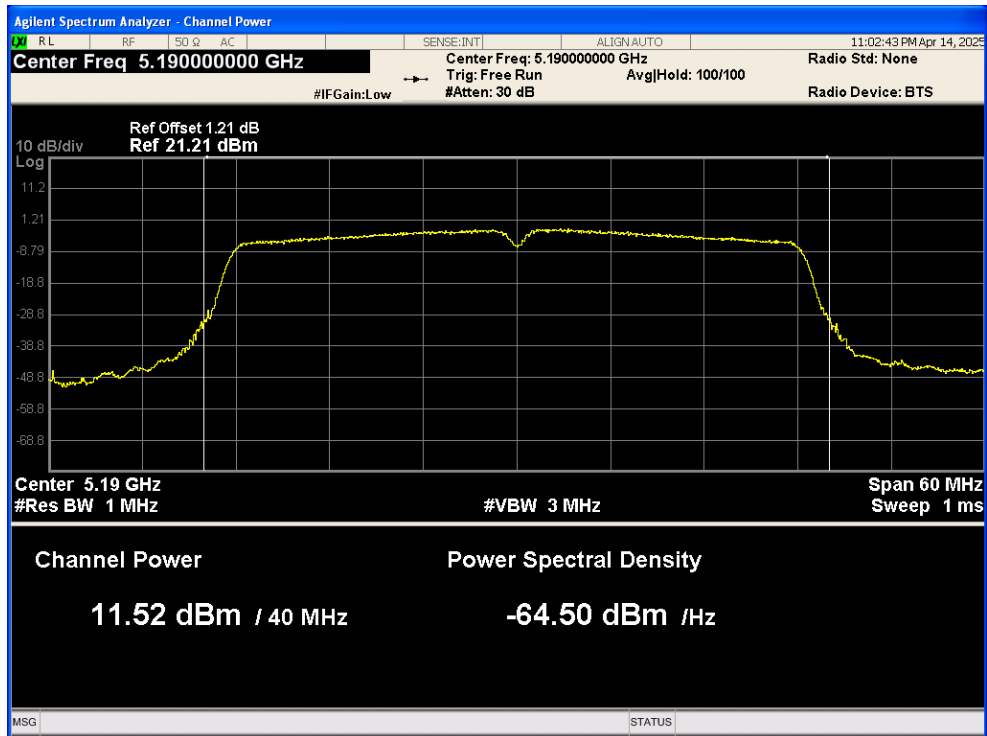
Power NVNT ac20 5200MHz Ant1



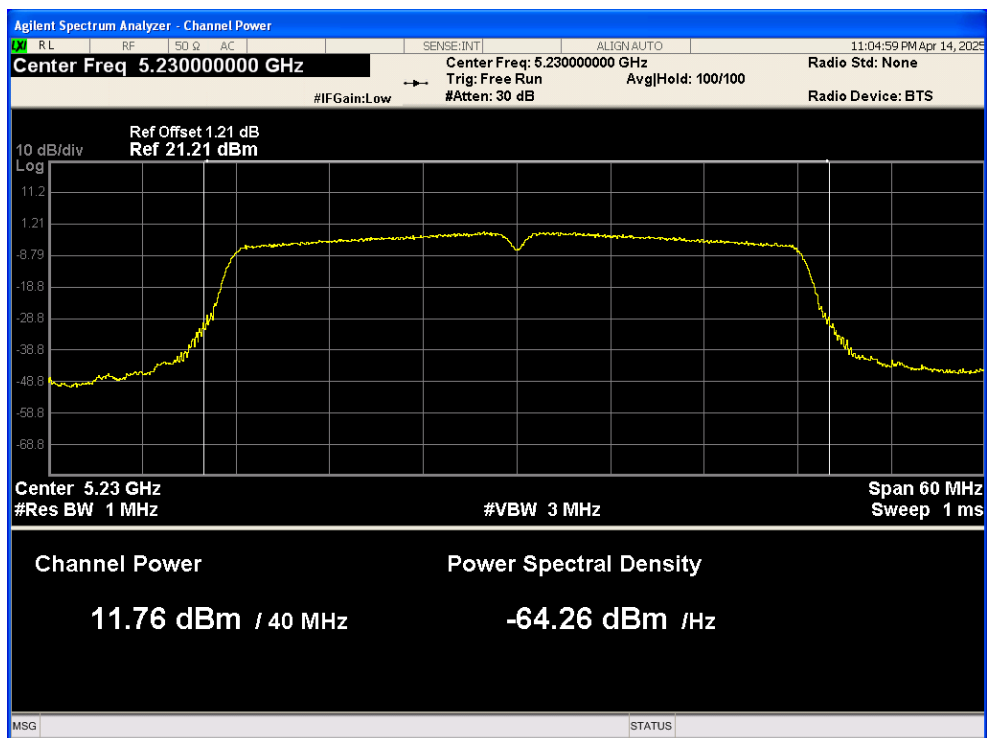
Power NVNT ac20 5240MHz Ant1



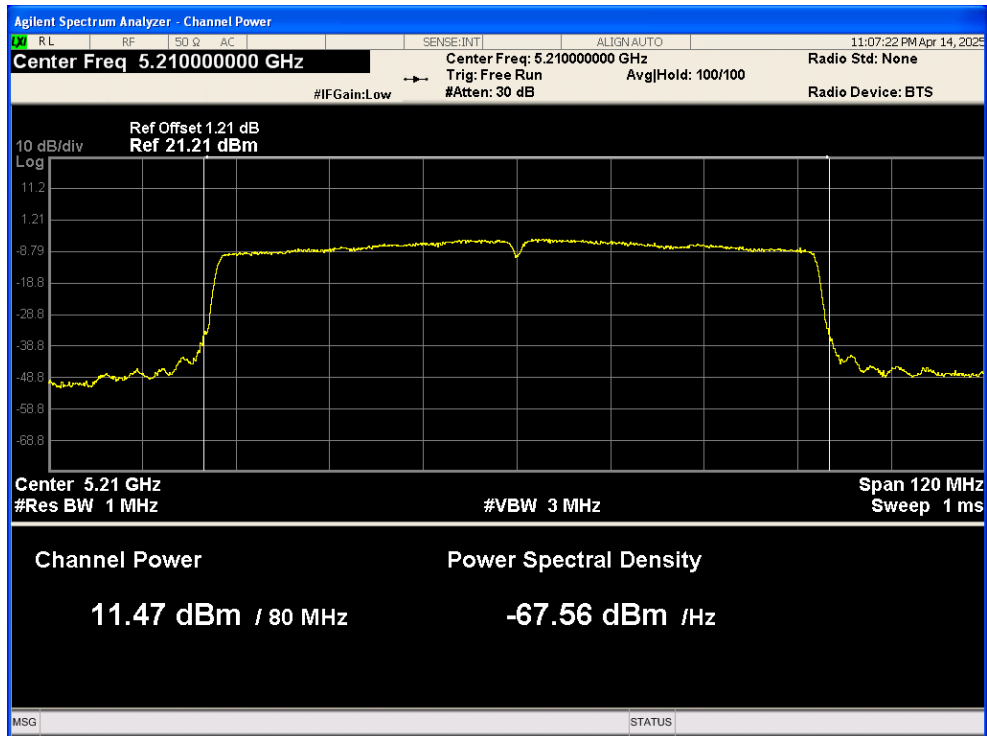
Power NVNT ac40 5190MHz Ant1



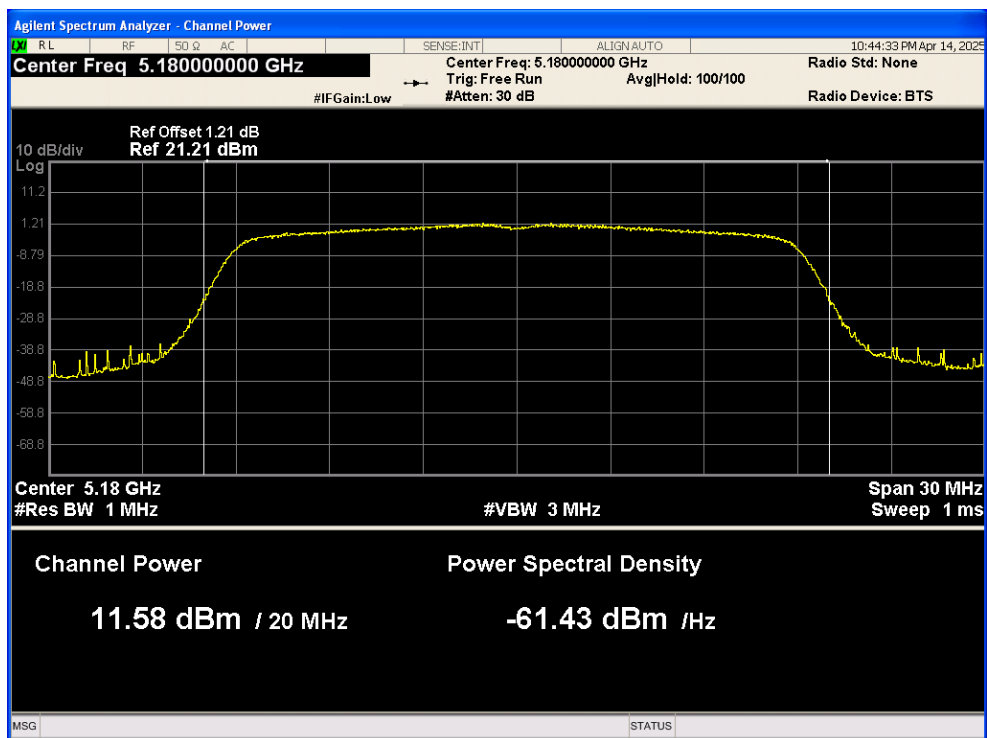
Power NVNT ac40 5230MHz Ant1



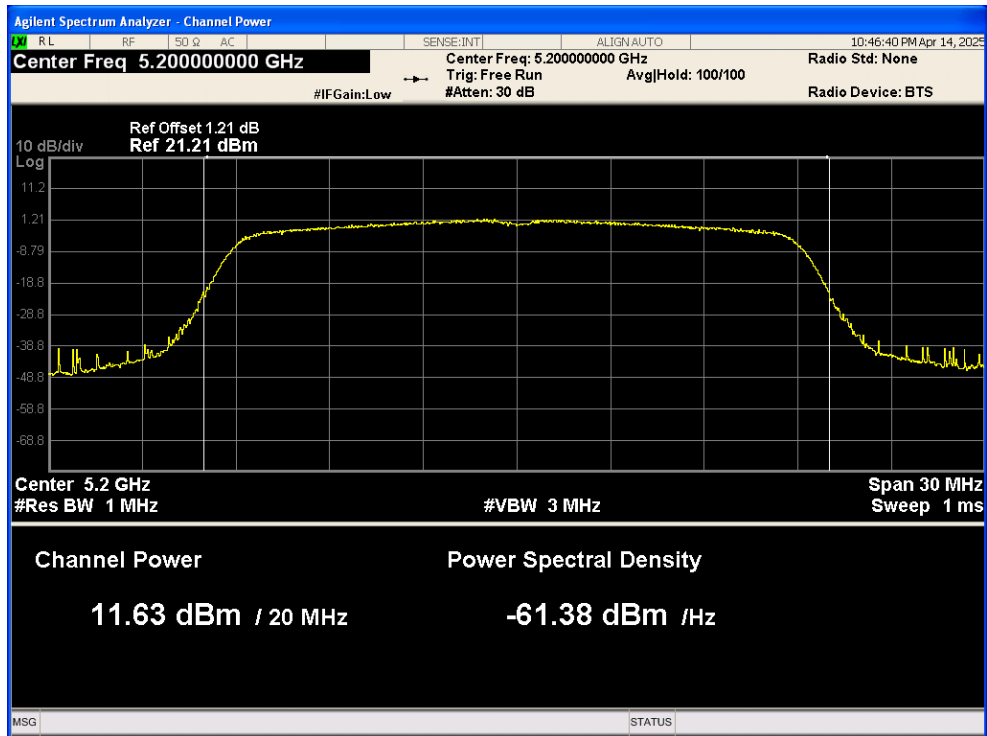
Power NVNT ac80 5210MHz Ant1



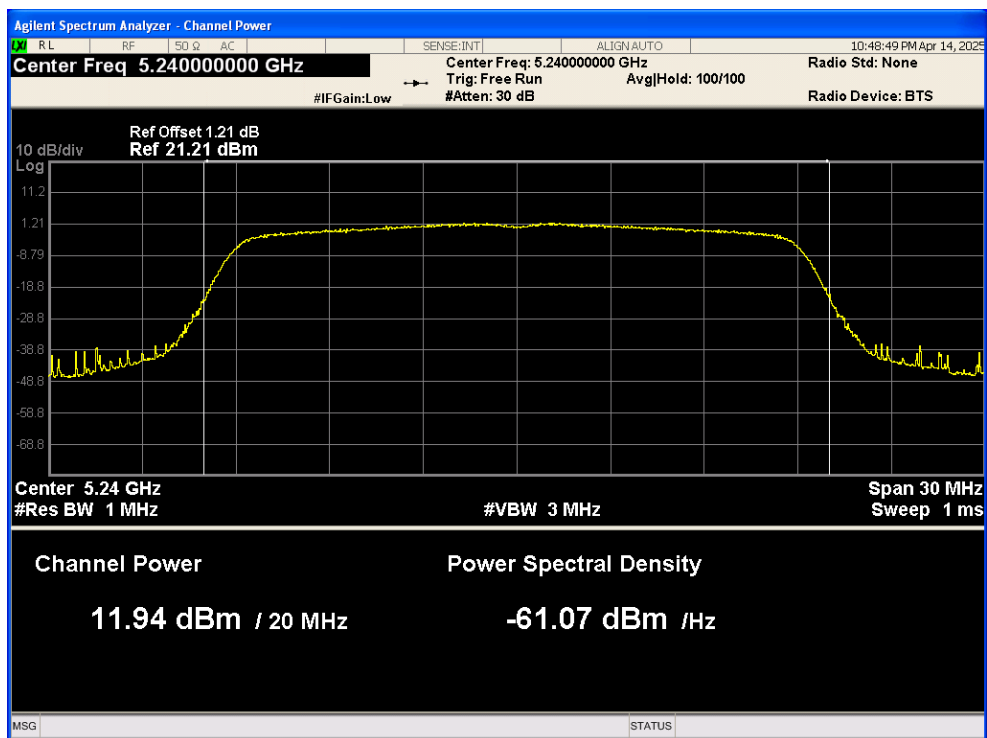
Power NVNT n20 5180MHz Ant1



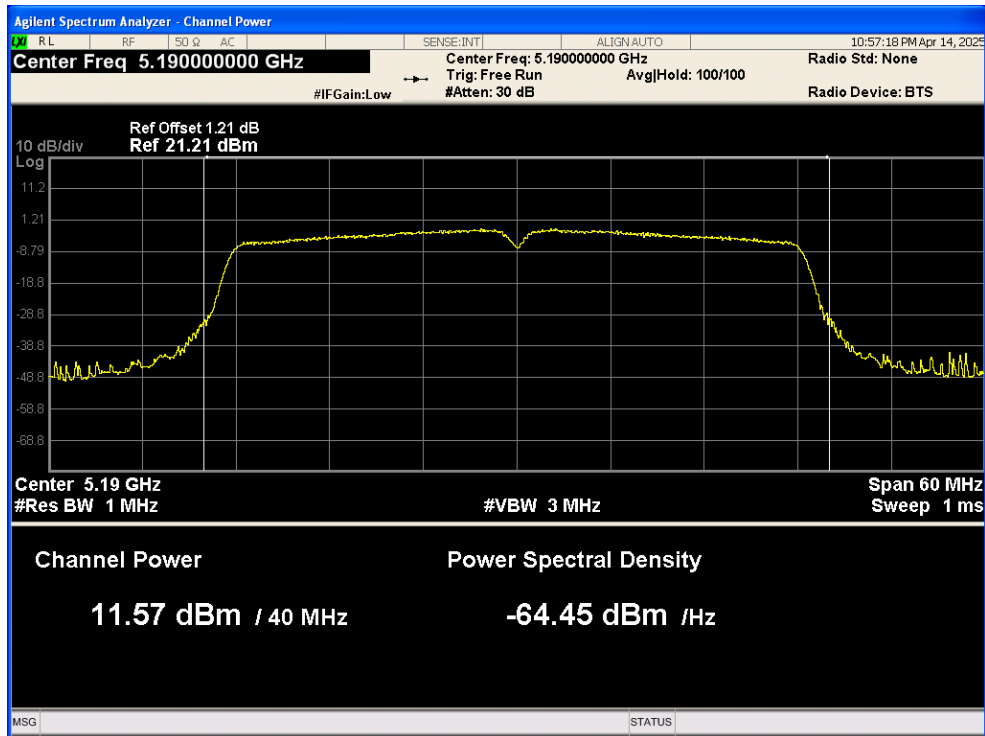
Power NVNT n20 5200MHz Ant1



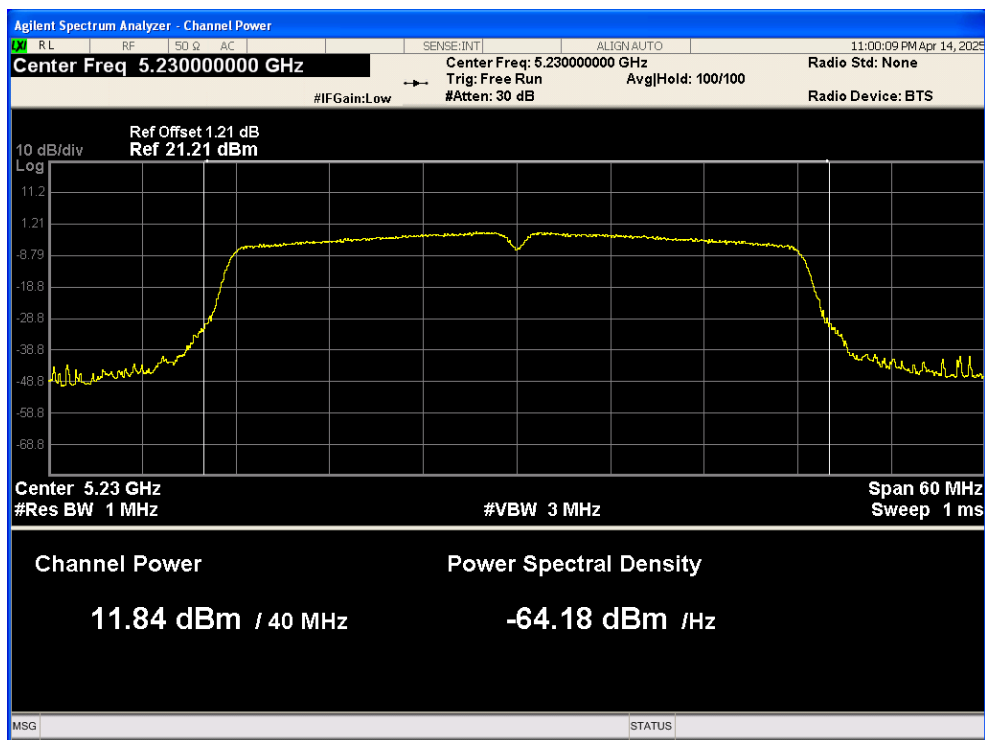
Power NVNT n20 5240MHz Ant1



Power NVNT n40 5190MHz Ant1



Power NVNT n40 5230MHz Ant1

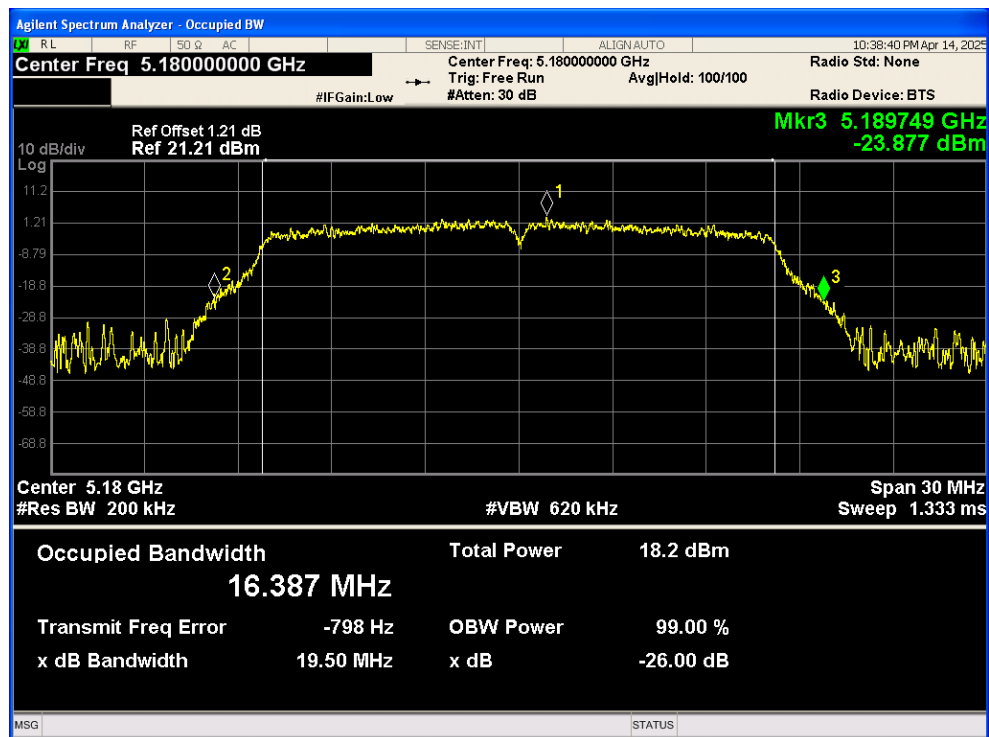


-26dB Bandwidth

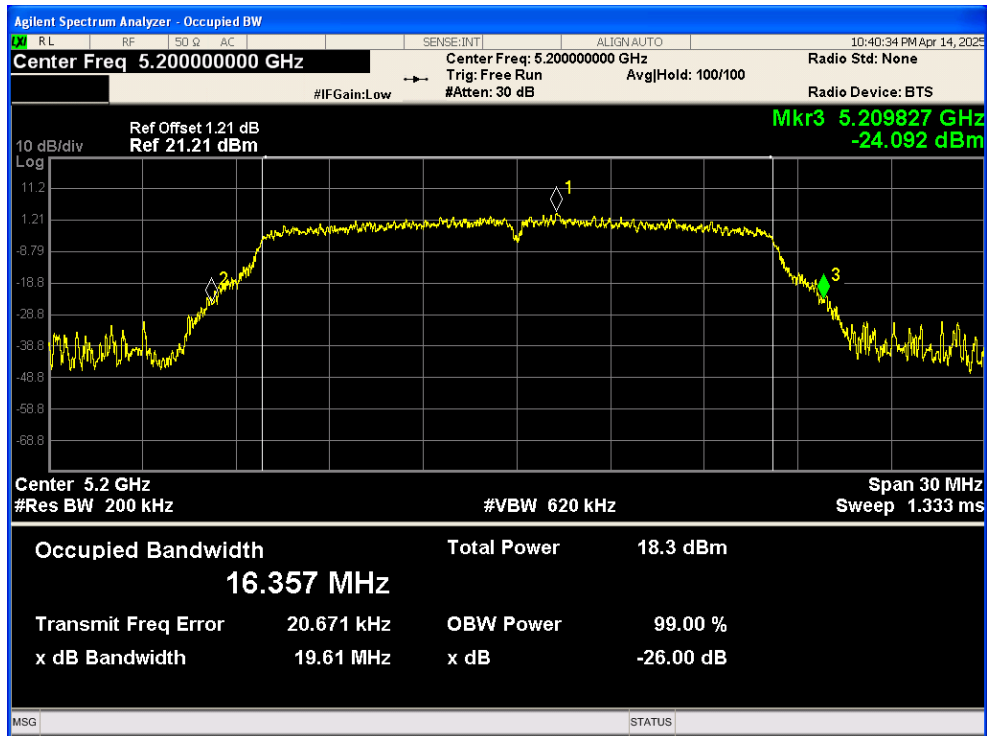
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	19.499
NVNT	a	5200	Ant1	19.612
NVNT	a	5240	Ant1	19.701
NVNT	ac20	5180	Ant1	19.809
NVNT	ac20	5200	Ant1	20.144

NVNT	ac20	5240	Ant1	20.115
NVNT	ac40	5190	Ant1	40.278
NVNT	ac40	5230	Ant1	40.174
NVNT	ac80	5210	Ant1	80.543
NVNT	n20	5180	Ant1	20.086
NVNT	n20	5200	Ant1	20.005
NVNT	n20	5240	Ant1	20.074
NVNT	n40	5190	Ant1	40.068
NVNT	n40	5230	Ant1	39.949

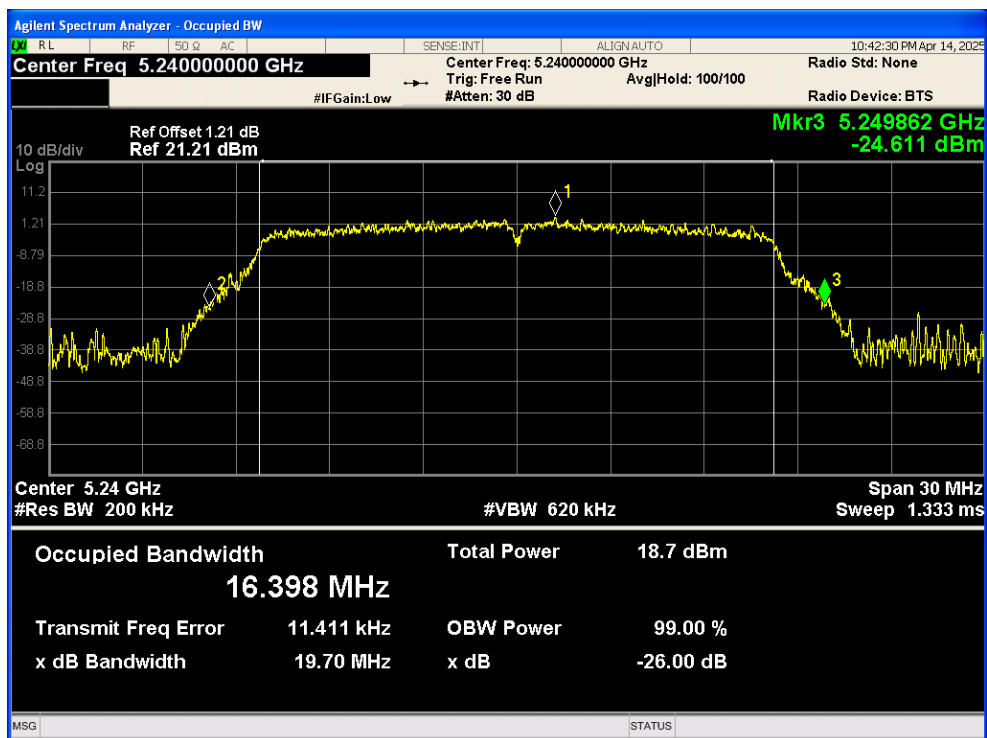
-26dB Bandwidth NVNT a 5180MHz Ant1



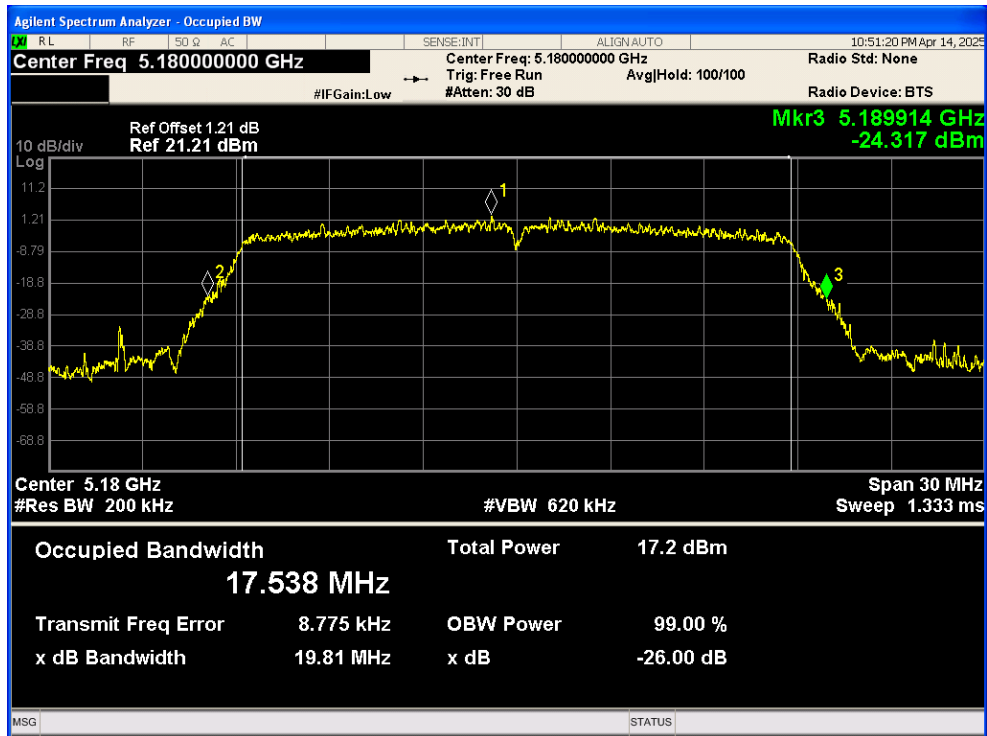
-26dB Bandwidth NVNT a 5200MHz Ant1



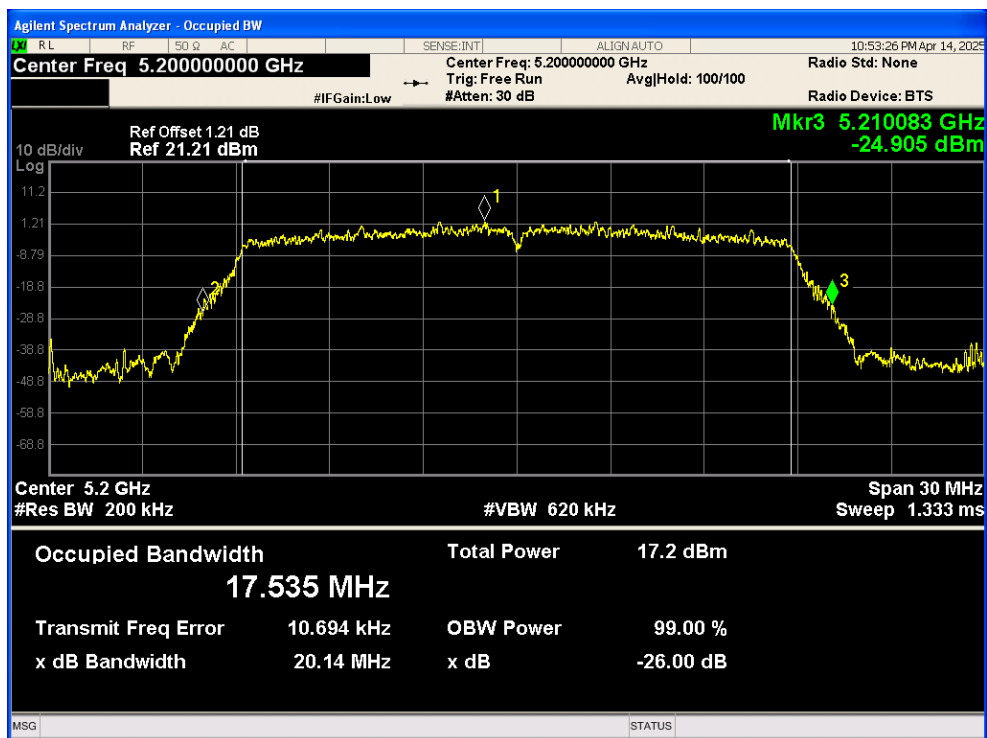
-26dB Bandwidth NVNT a 5240MHz Ant1



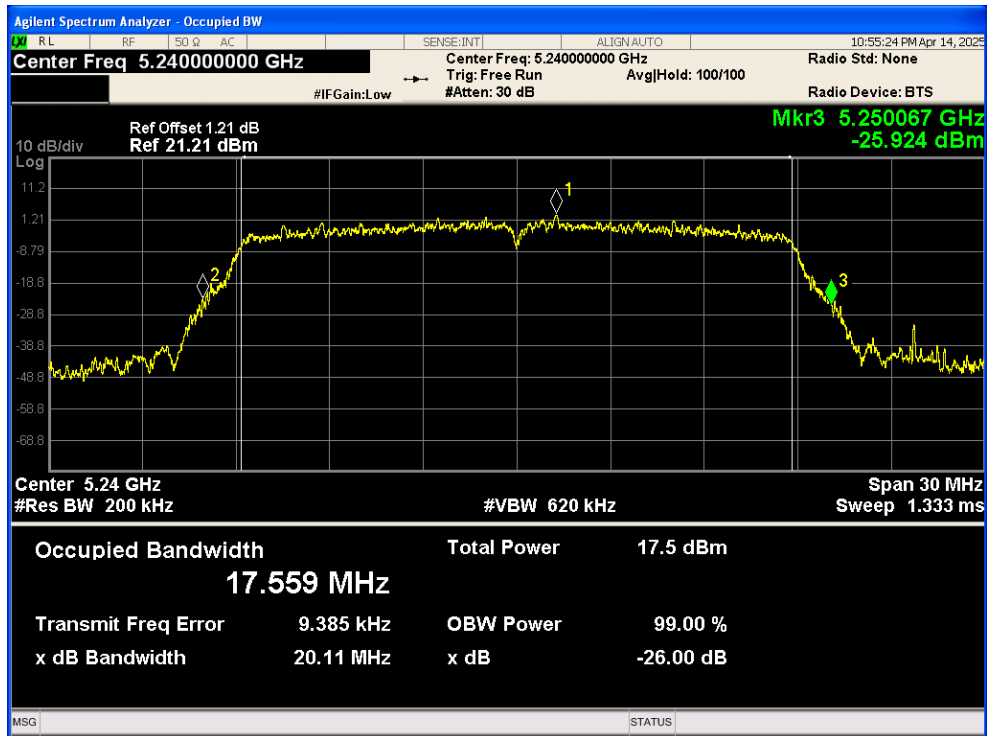
-26dB Bandwidth NVNT ac20 5180MHz Ant1



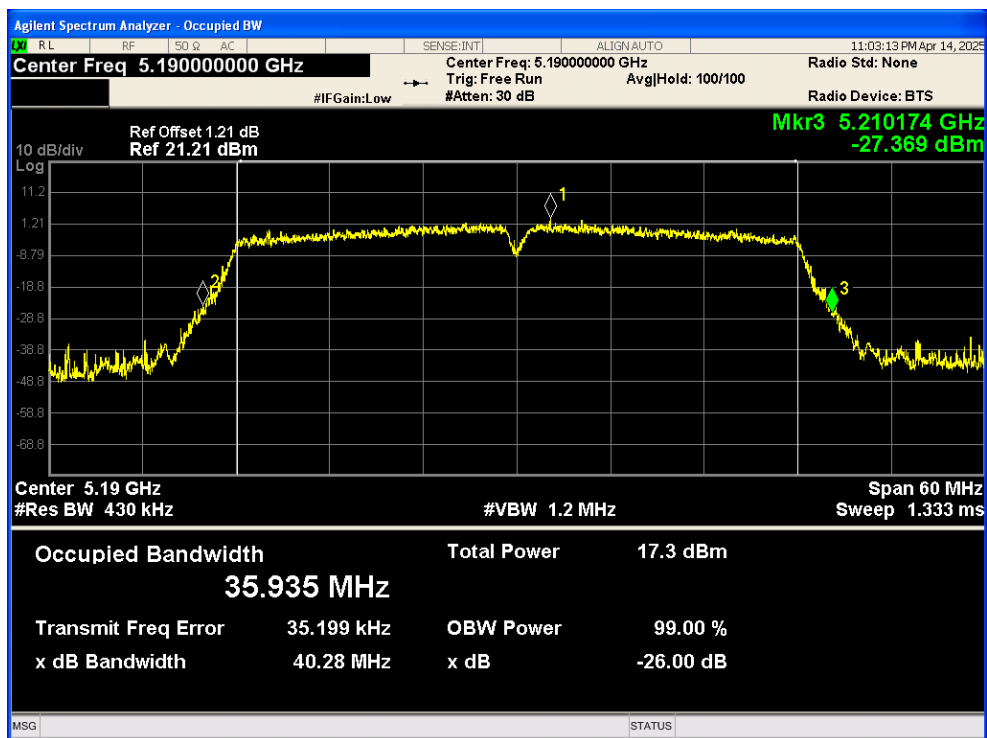
-26dB Bandwidth NVNT ac20 5200MHz Ant1



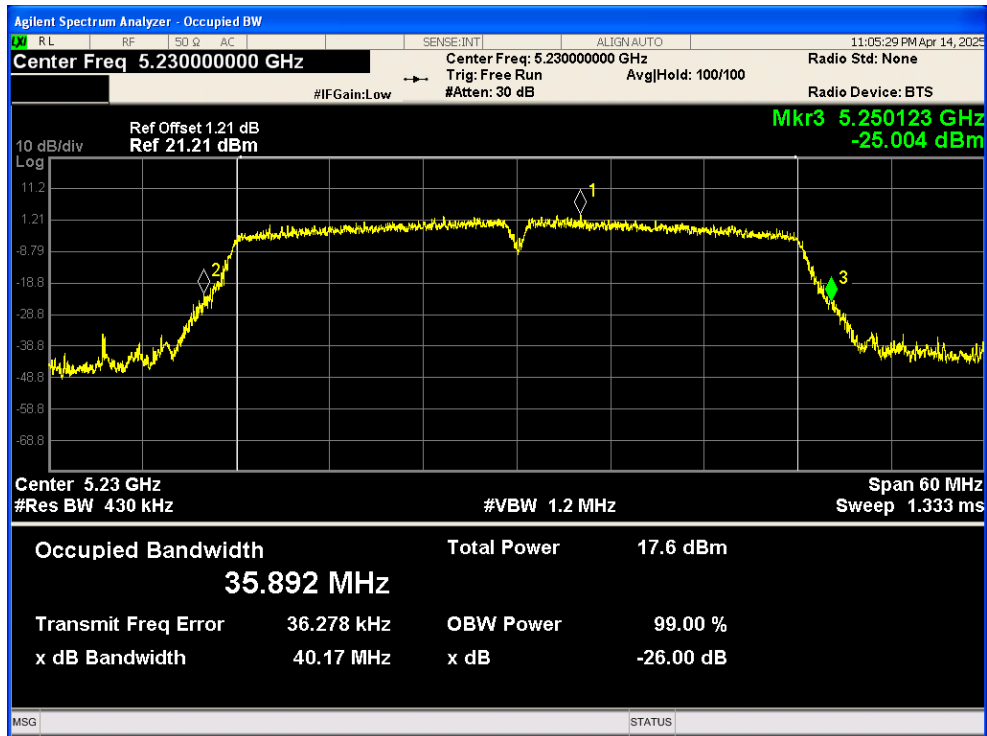
-26dB Bandwidth NVNT ac20 5240MHz Ant1



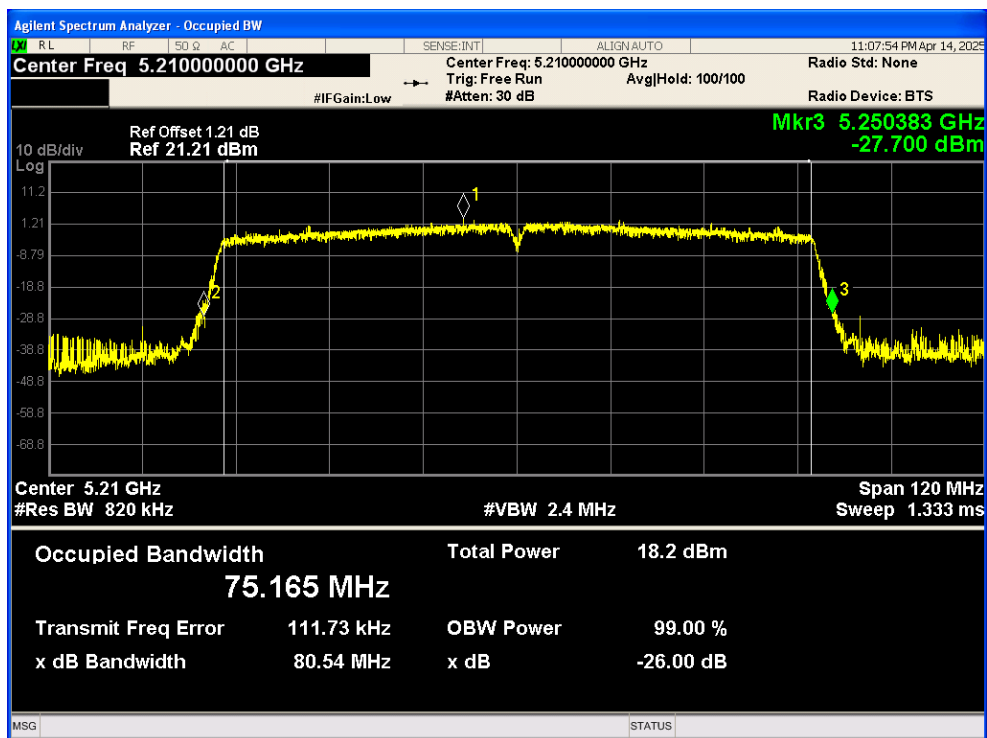
-26dB Bandwidth NVNT ac40 5190MHz Ant1



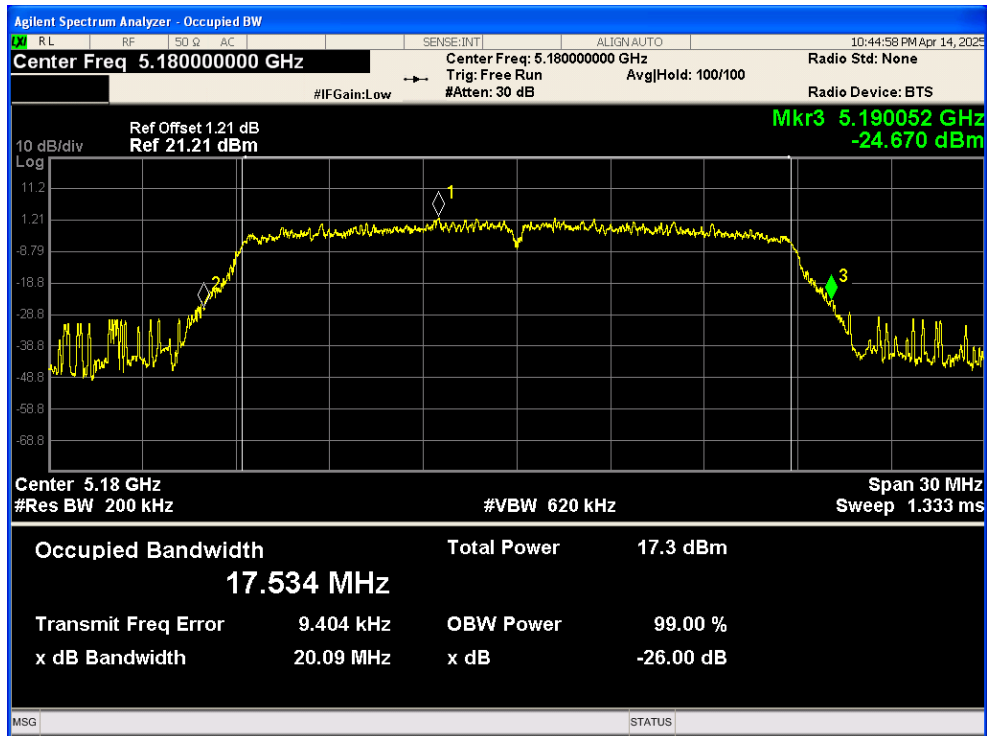
-26dB Bandwidth NVNT ac40 5230MHz Ant1



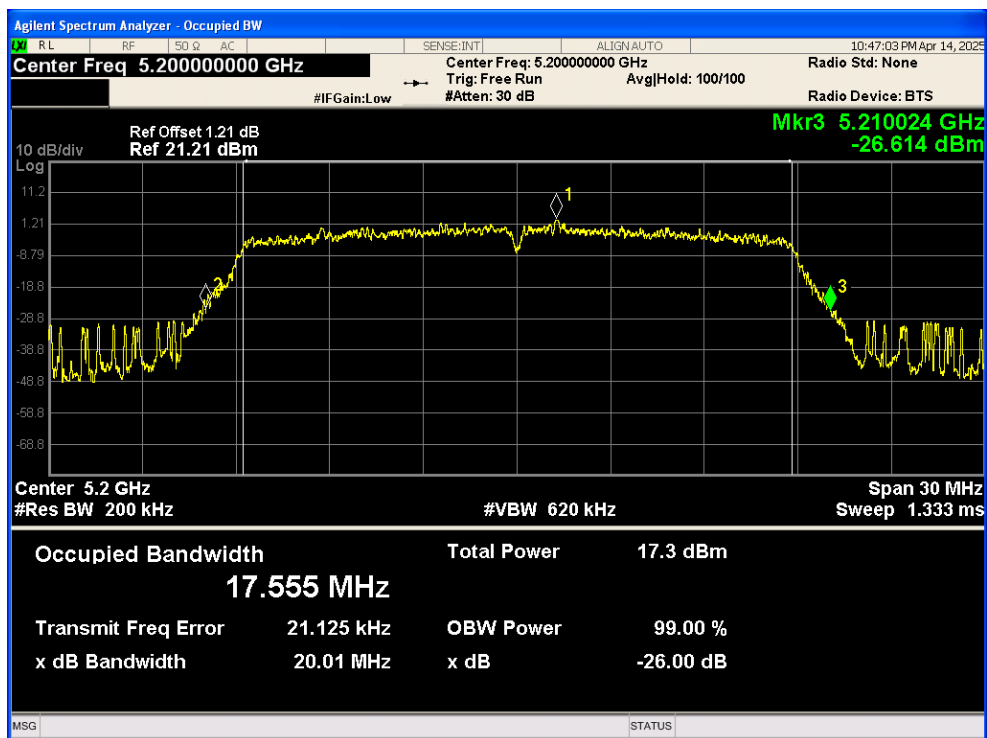
-26dB Bandwidth NVNT ac80 5210MHz Ant1



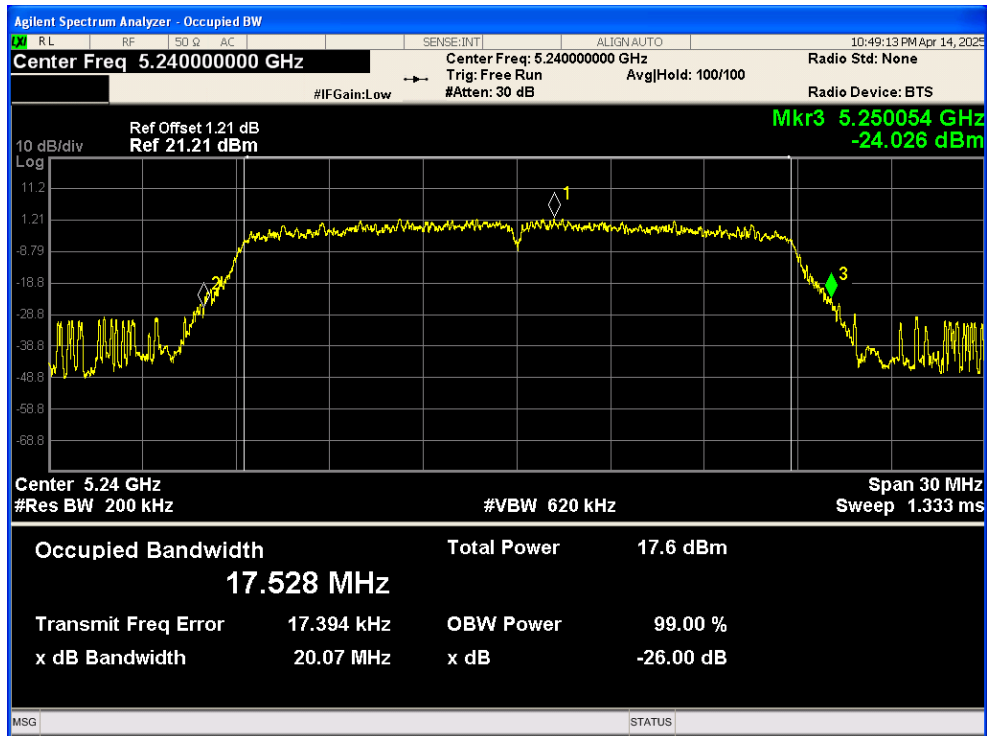
-26dB Bandwidth NVNT n20 5180MHz Ant1



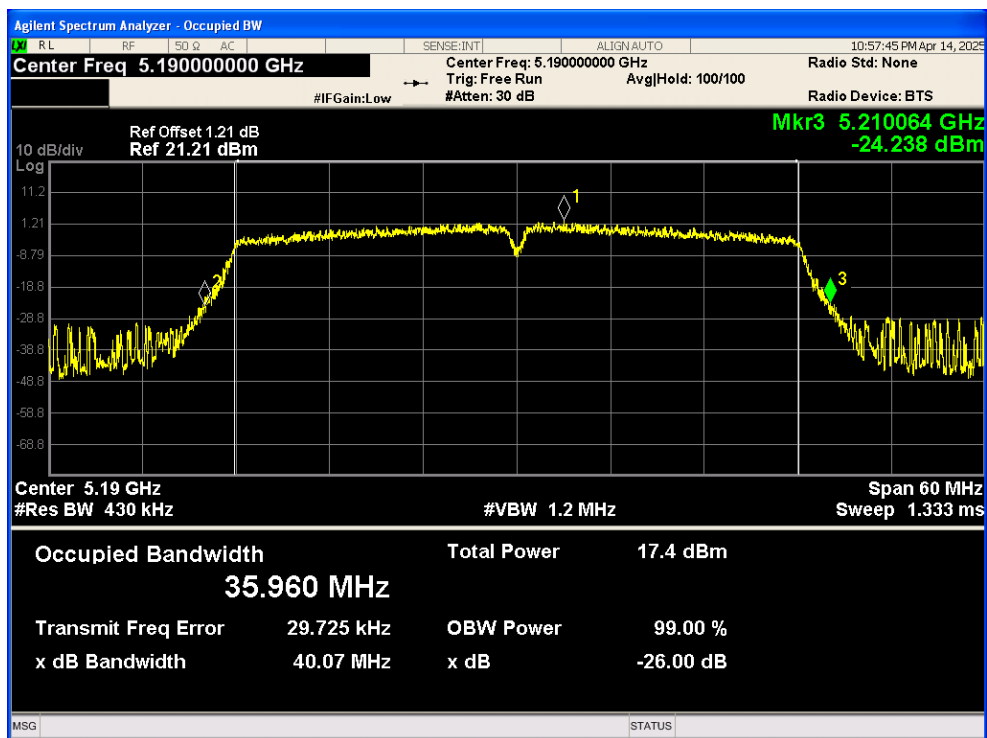
-26dB Bandwidth NVNT n20 5200MHz Ant1



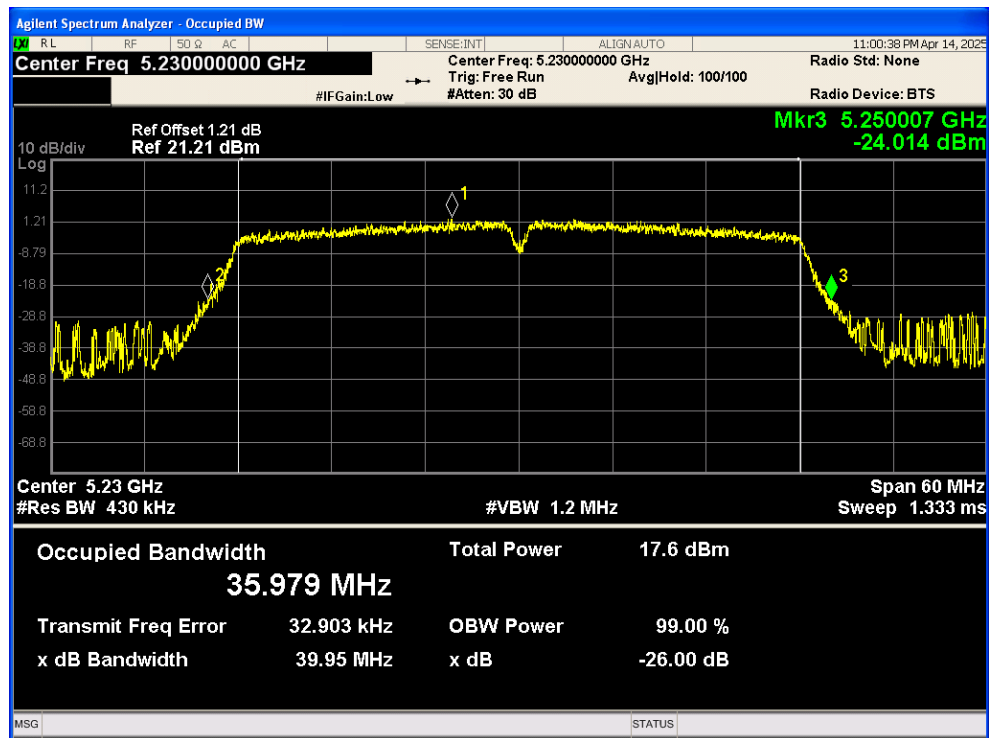
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



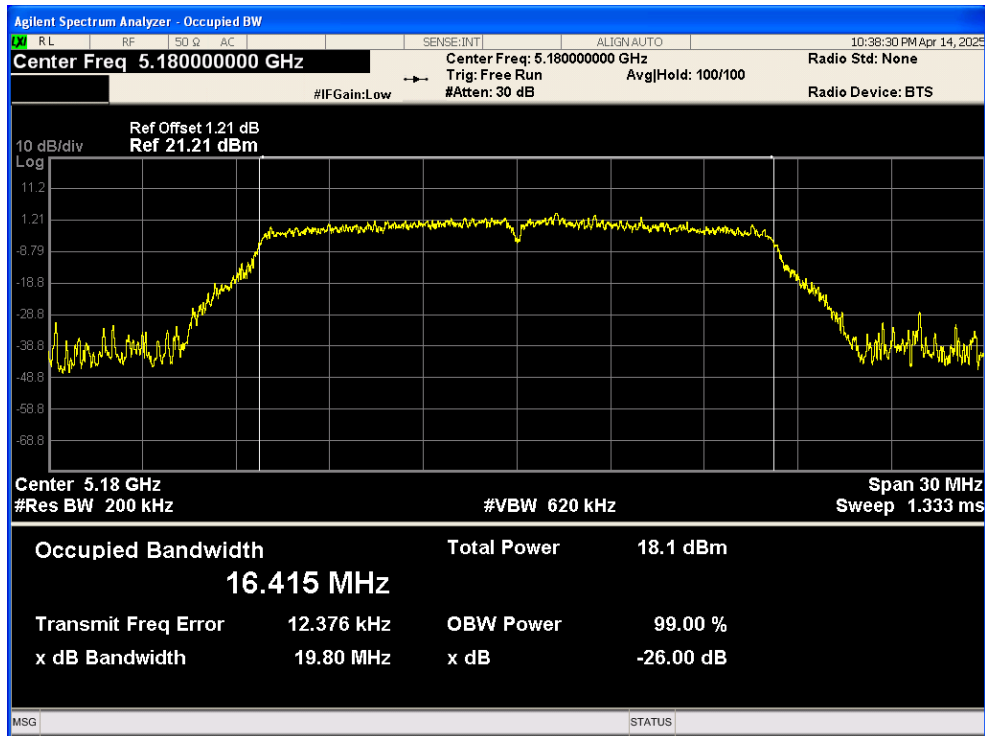
-26dB Bandwidth NVNT n40 5230MHz Ant1



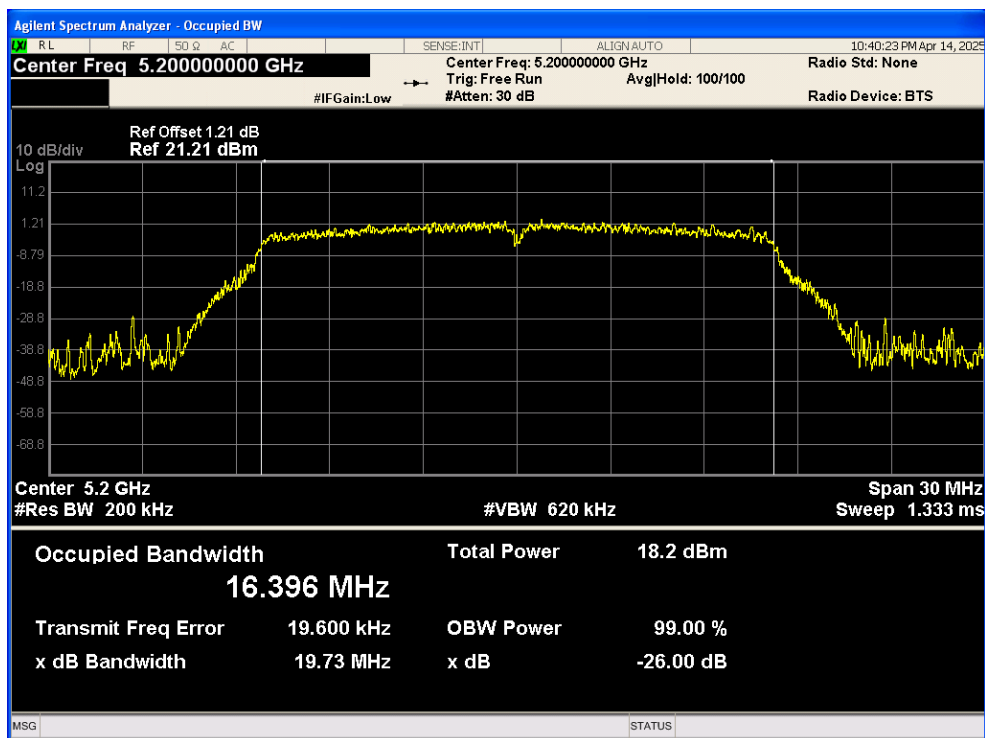
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.415
NVNT	a	5200	Ant1	16.396
NVNT	a	5240	Ant1	16.395
NVNT	ac20	5180	Ant1	17.527
NVNT	ac20	5200	Ant1	17.541
NVNT	ac20	5240	Ant1	17.546
NVNT	ac40	5190	Ant1	35.945
NVNT	ac40	5230	Ant1	35.938
NVNT	ac80	5210	Ant1	75.178
NVNT	n20	5180	Ant1	17.545
NVNT	n20	5200	Ant1	17.542
NVNT	n20	5240	Ant1	17.555
NVNT	n40	5190	Ant1	35.947
NVNT	n40	5230	Ant1	35.959

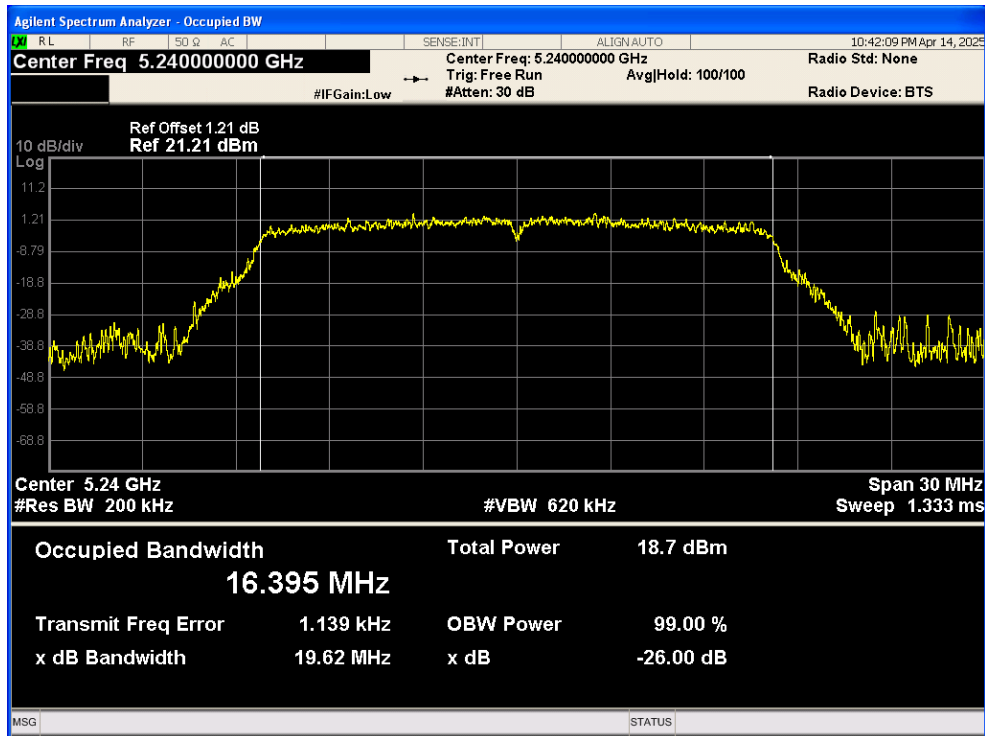
OBW NVNT a 5180MHz Ant1



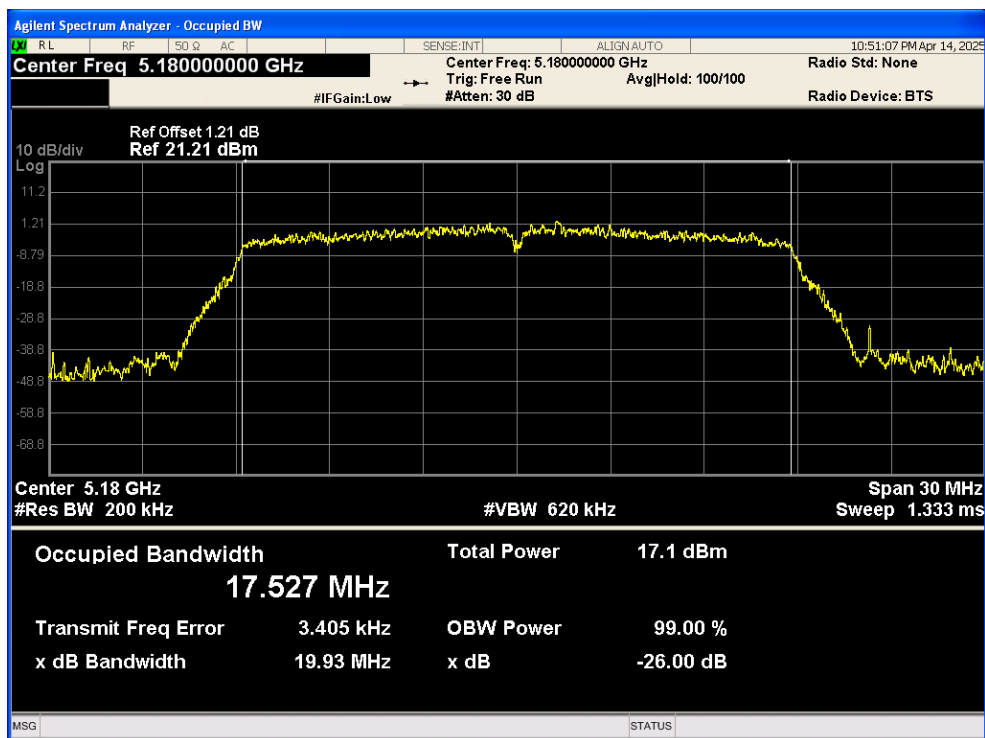
OBW NVNT a 5200MHz Ant1



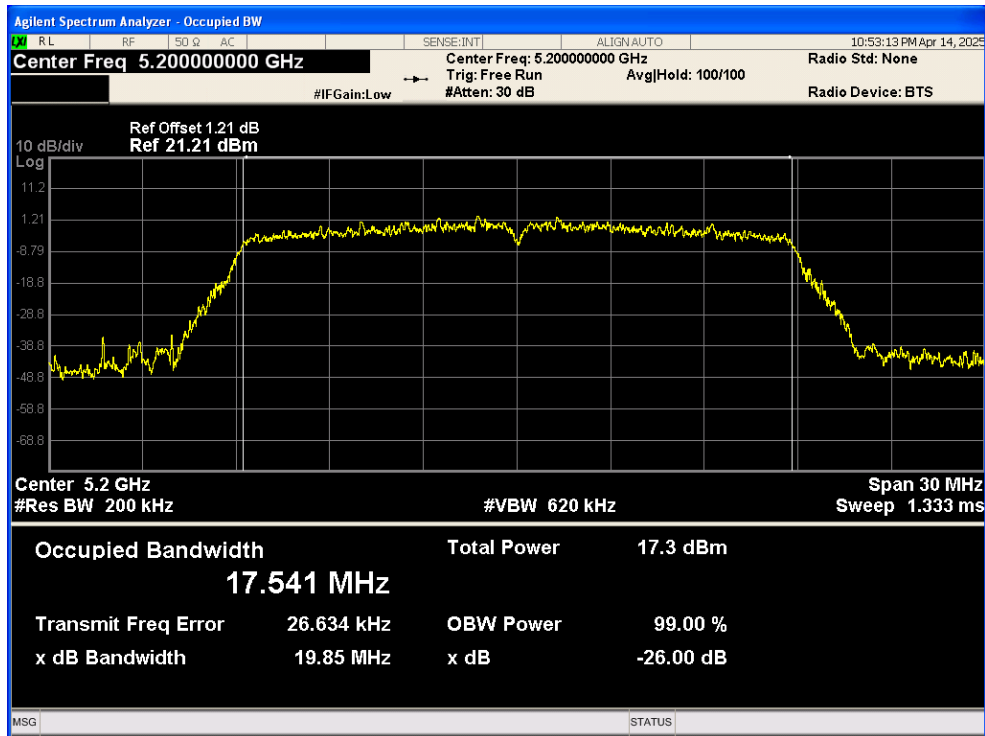
OBW NVNT a 5240MHz Ant1



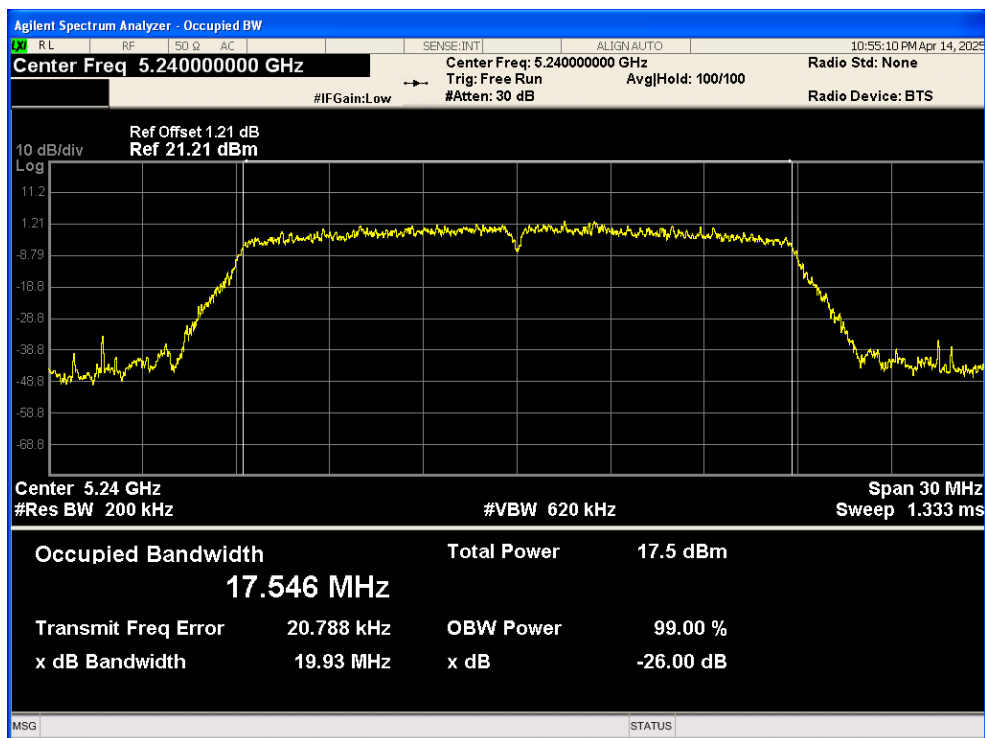
OBW NVNT ac20 5180MHz Ant1



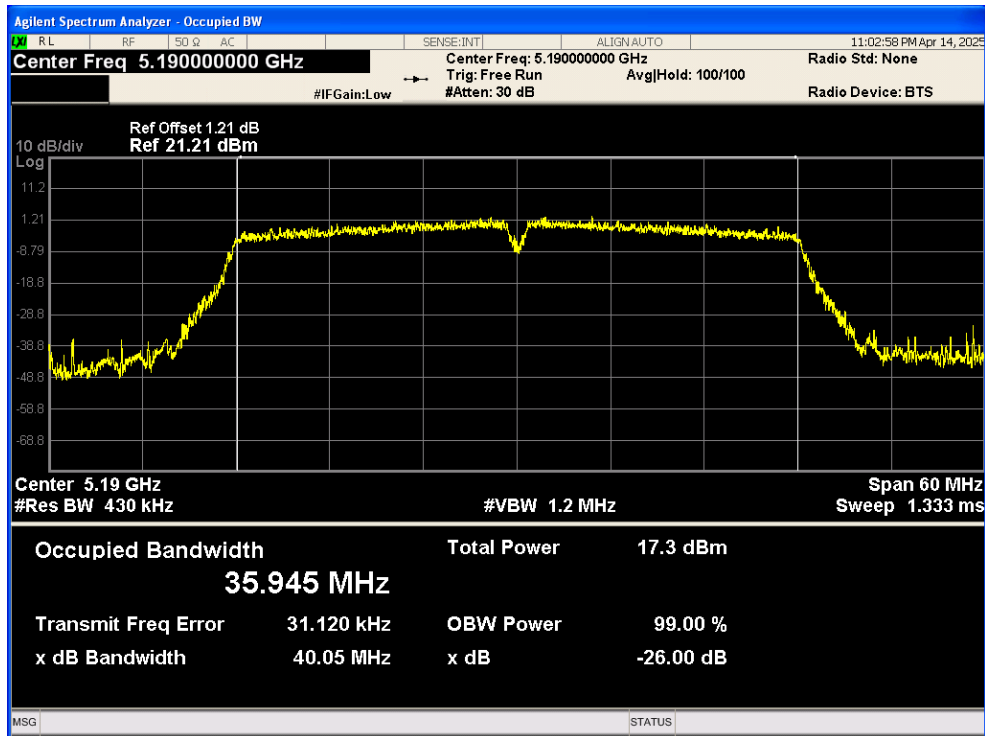
OBW NVNT ac20 5200MHz Ant1



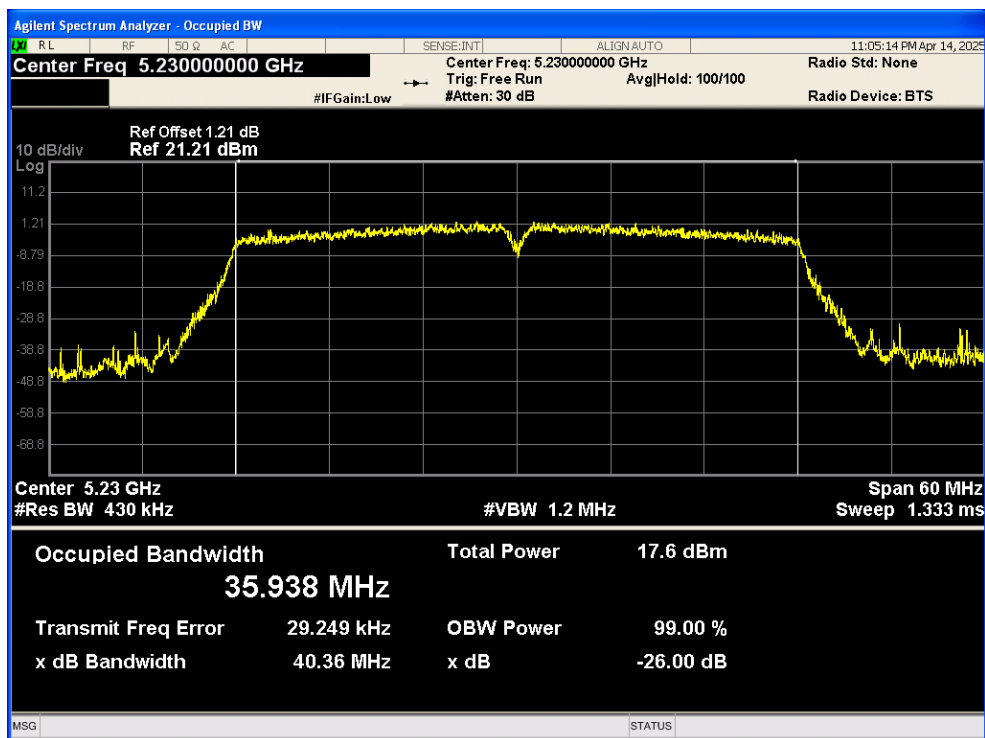
OBW NVNT ac20 5240MHz Ant1



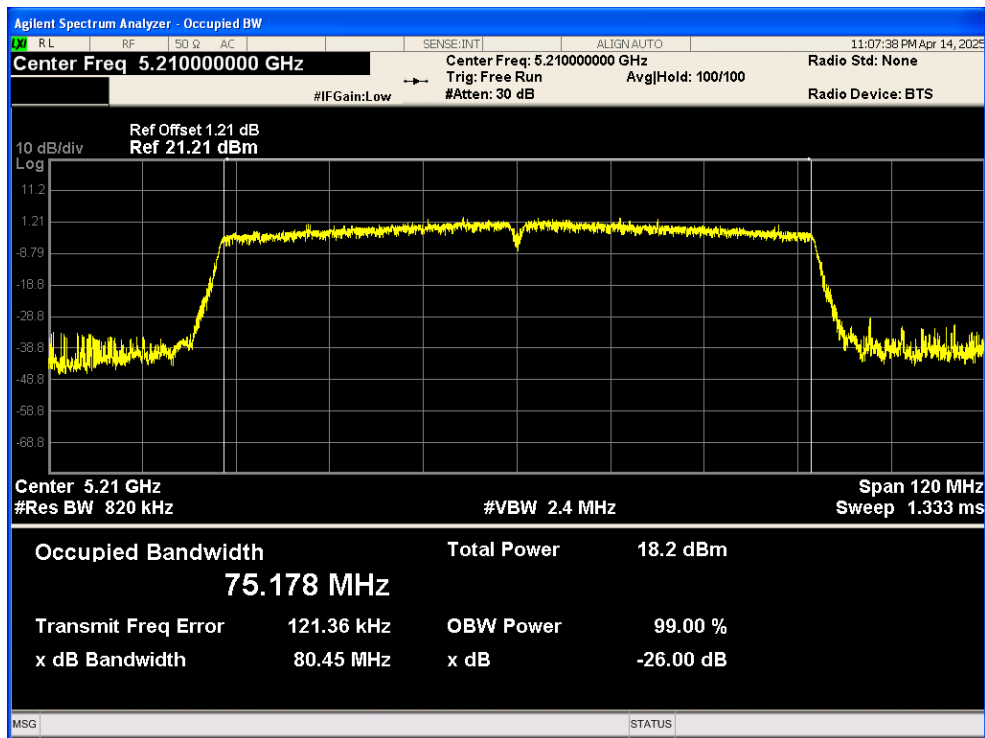
OBW NVNT ac40 5190MHz Ant1



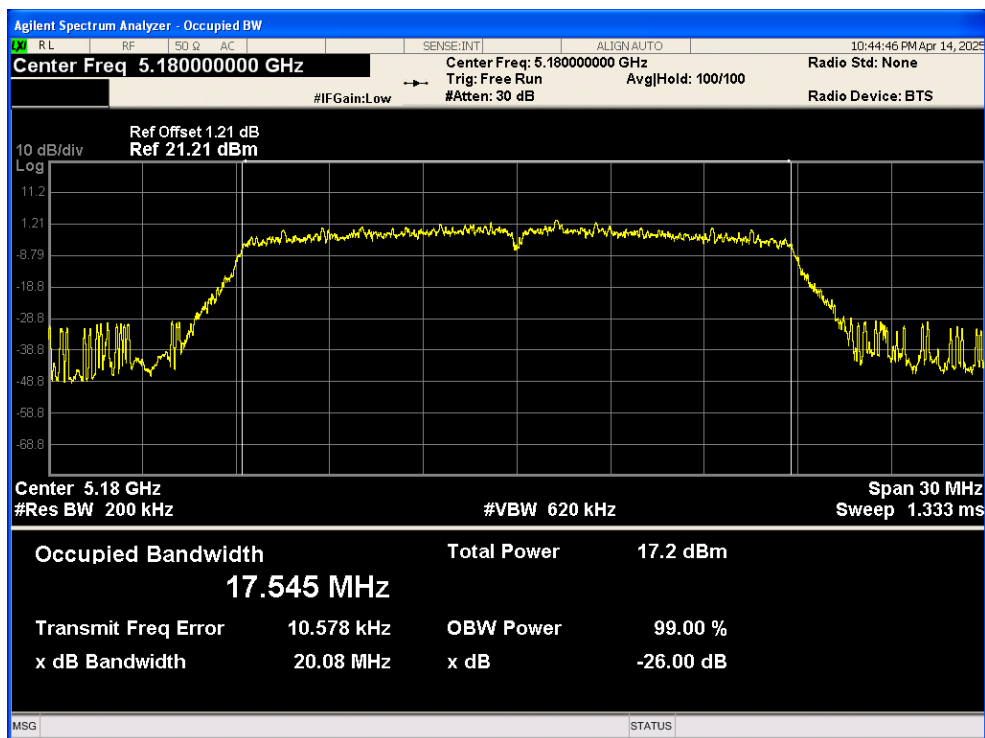
OBW NVNT ac40 5230MHz Ant1



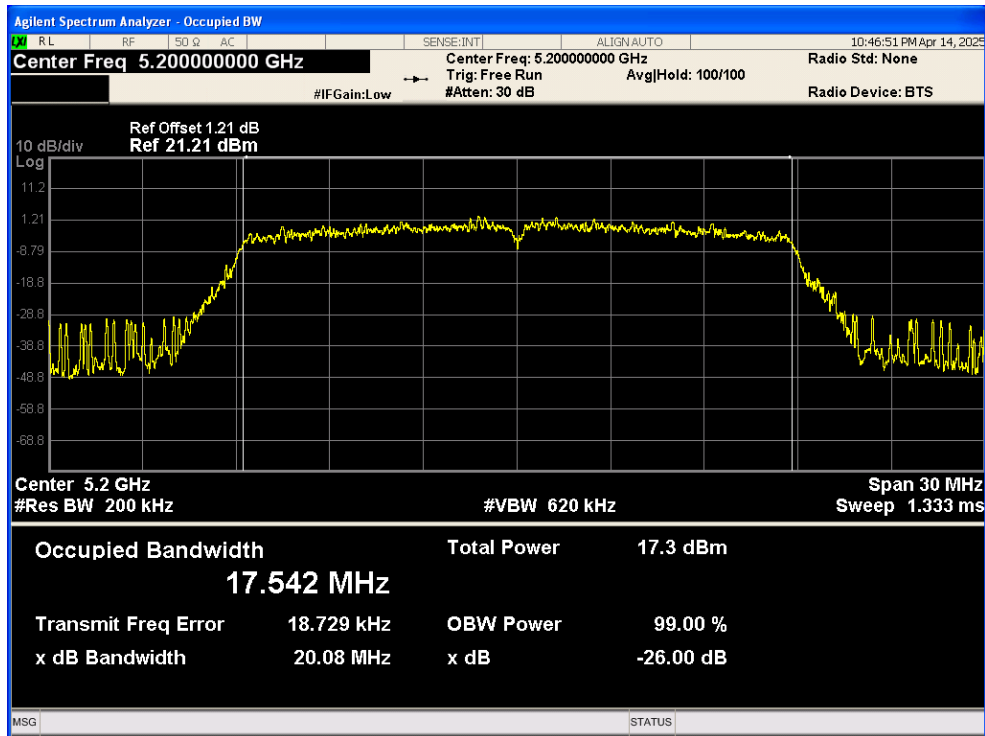
OBW NVNT ac80 5210MHz Ant1



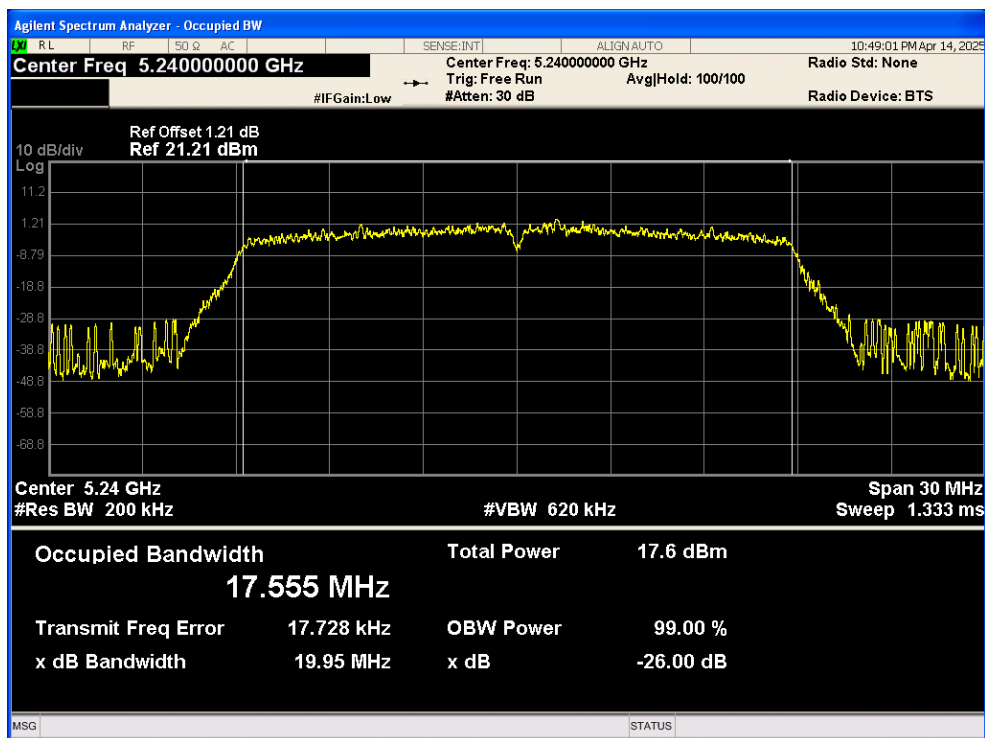
OBW NVNT n20 5180MHz Ant1



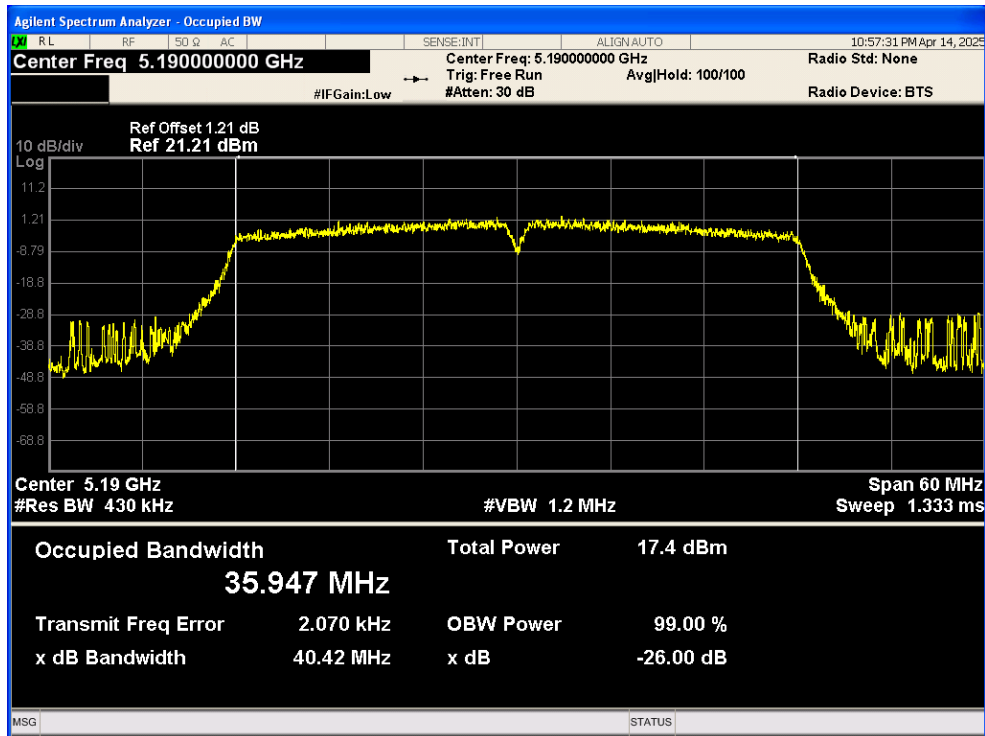
OBW NVNT n20 5200MHz Ant1



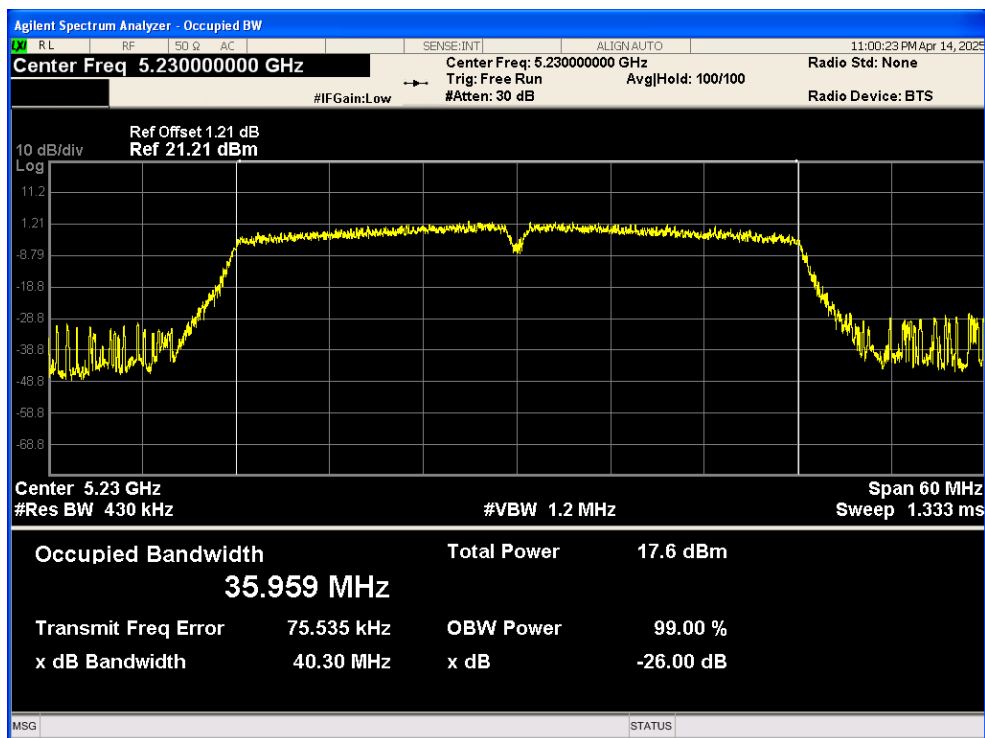
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

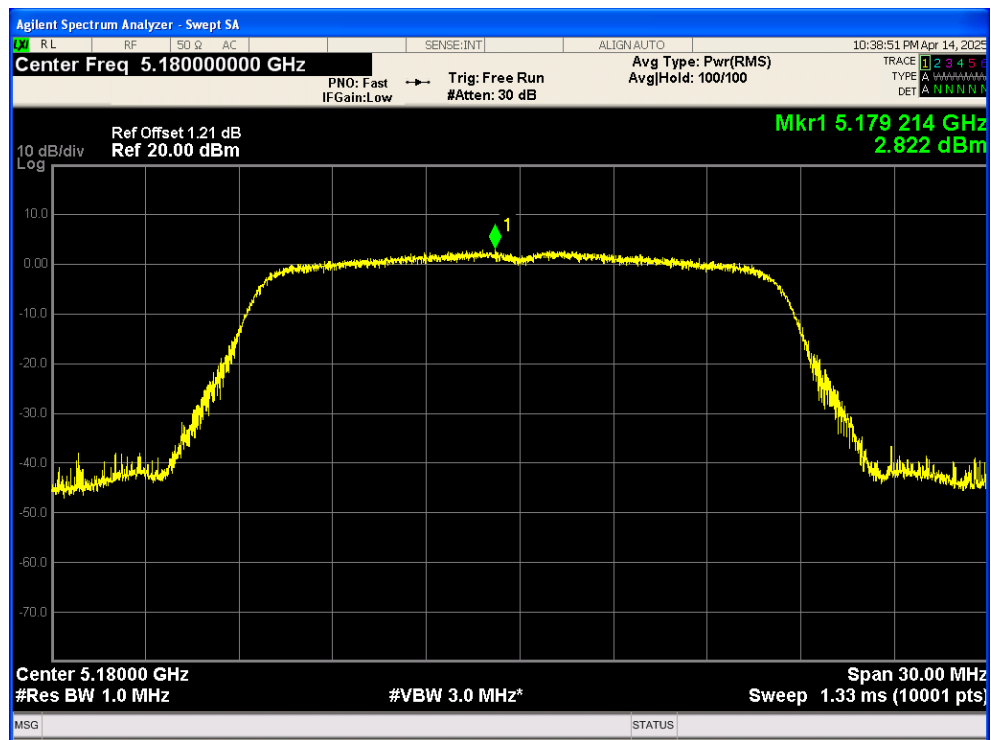


Maximum Power Spectral Density Level

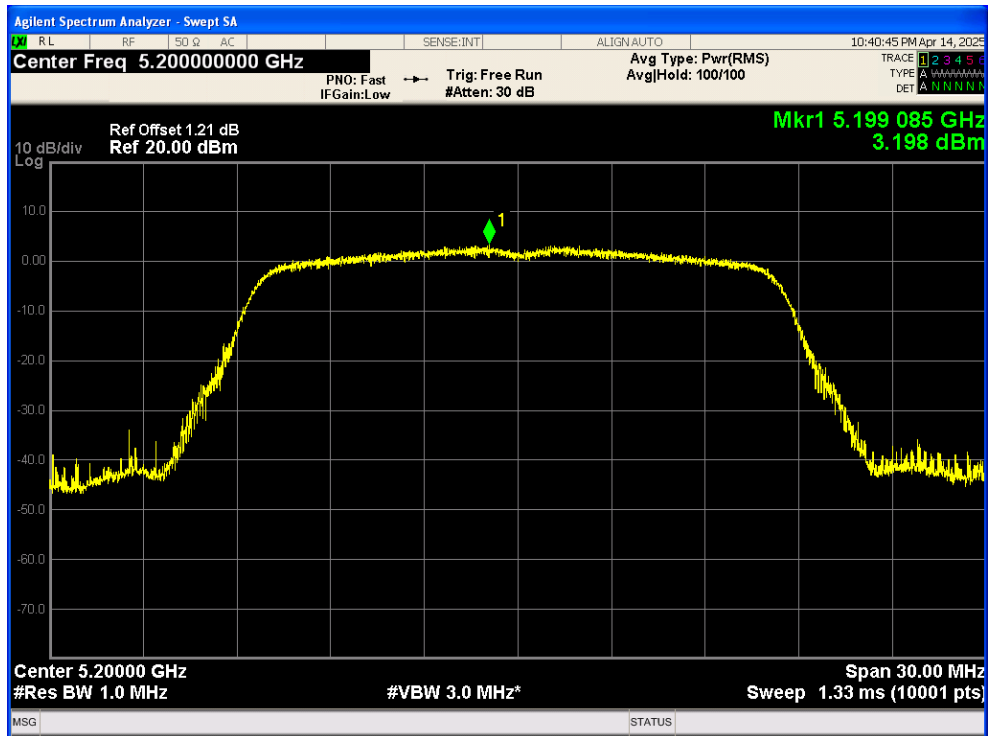
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	2.822	0.08	2.902	11	Pass
NVNT	a	5200	Ant1	3.198	0.08	3.278	11	Pass
NVNT	a	5240	Ant1	3.349	0.08	3.429	11	Pass

NVNT	ac20	5180	Ant1	1.767	0.08	1.847	11	Pass
NVNT	ac20	5200	Ant1	1.667	0.08	1.747	11	Pass
NVNT	ac20	5240	Ant1	2.054	0.08	2.134	11	Pass
NVNT	ac40	5190	Ant1	-1.072	0.16	-0.912	11	Pass
NVNT	ac40	5230	Ant1	-0.657	0.16	-0.497	11	Pass
NVNT	ac80	5210	Ant1	-4.382	0.31	-4.072	11	Pass
NVNT	n20	5180	Ant1	1.605	0.08	1.685	11	Pass
NVNT	n20	5200	Ant1	1.919	0.09	2.009	11	Pass
NVNT	n20	5240	Ant1	2.347	0.09	2.437	11	Pass
NVNT	n40	5190	Ant1	-1.652	0.16	-1.492	11	Pass
NVNT	n40	5230	Ant1	-1.26	0.16	-1.1	11	Pass

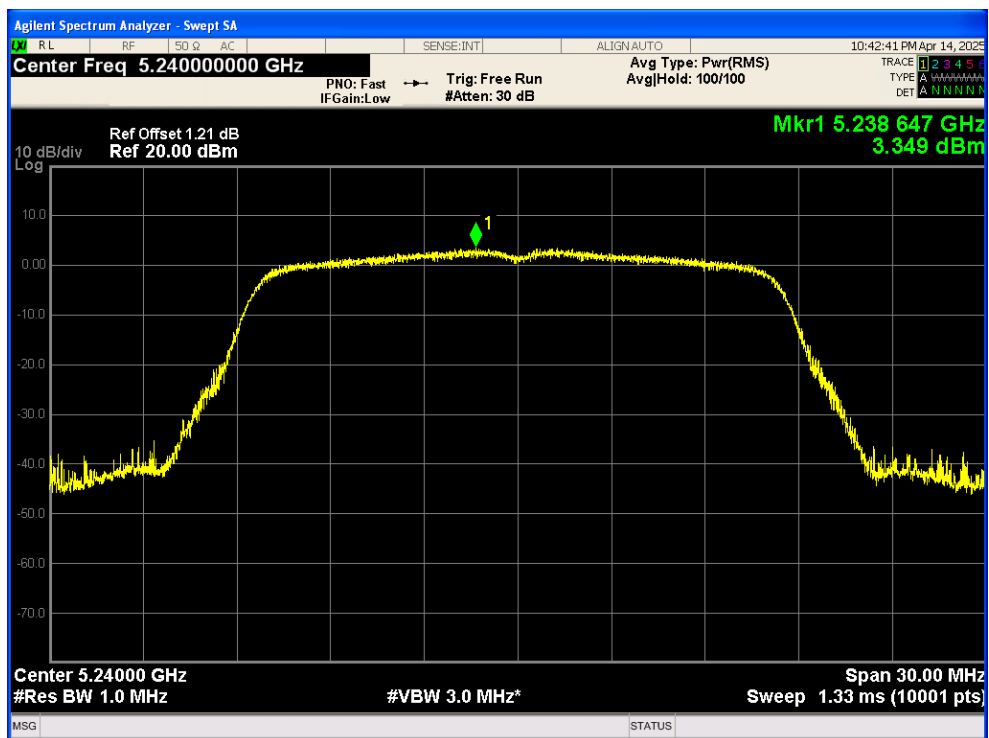
PSD NVNT a 5180MHz Ant1



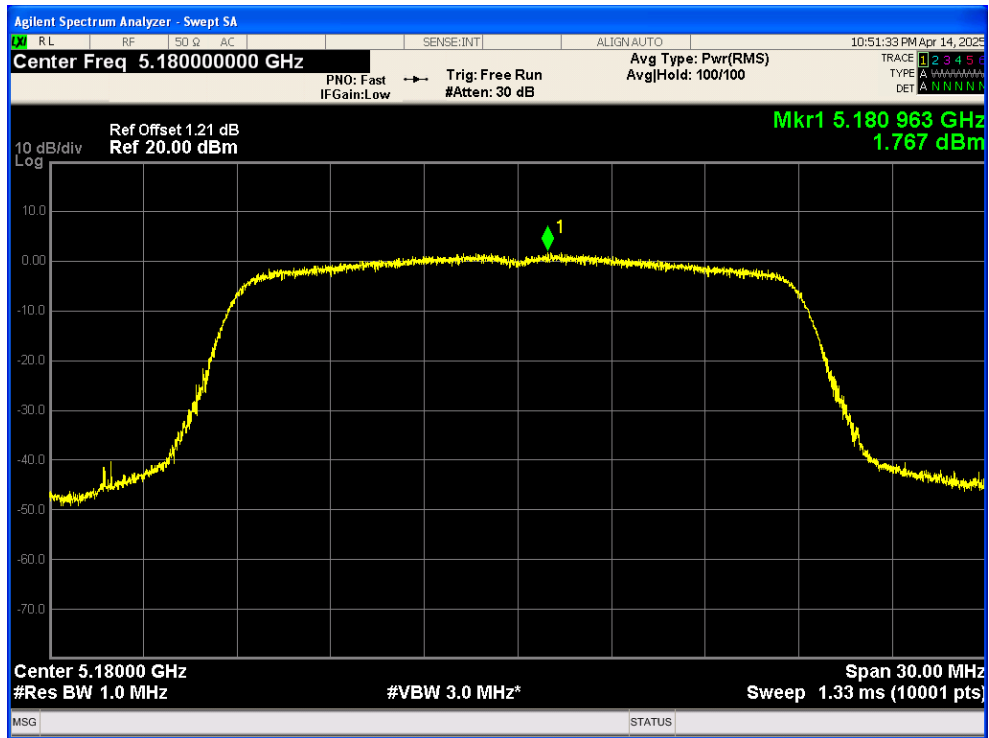
PSD NVNT a 5200MHz Ant1



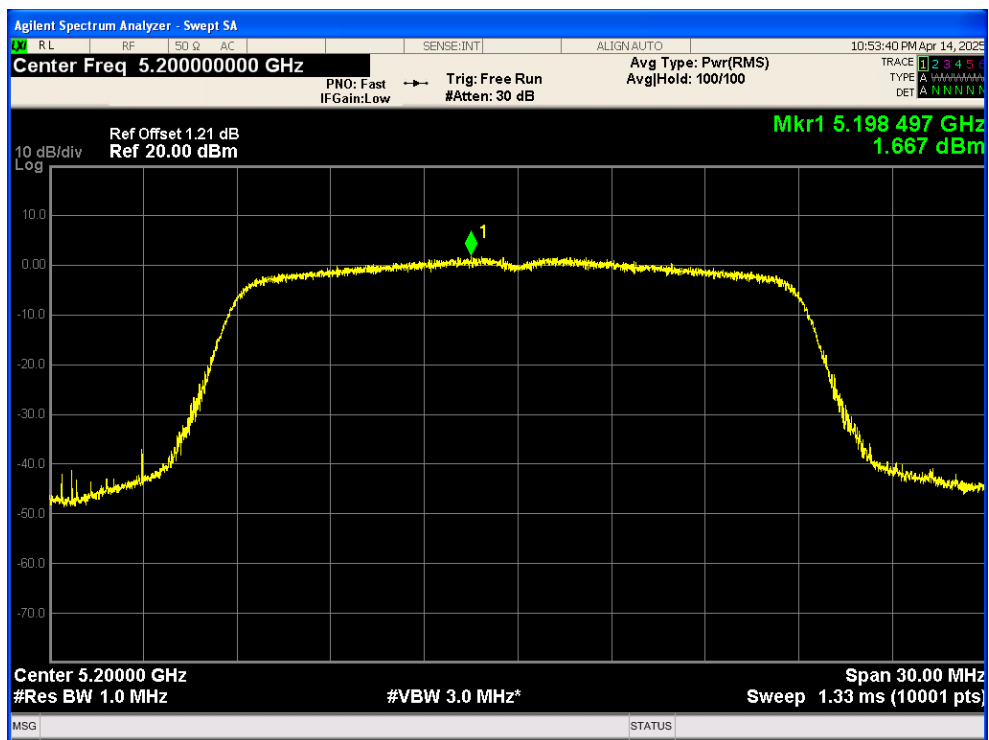
PSD NVNT a 5240MHz Ant1



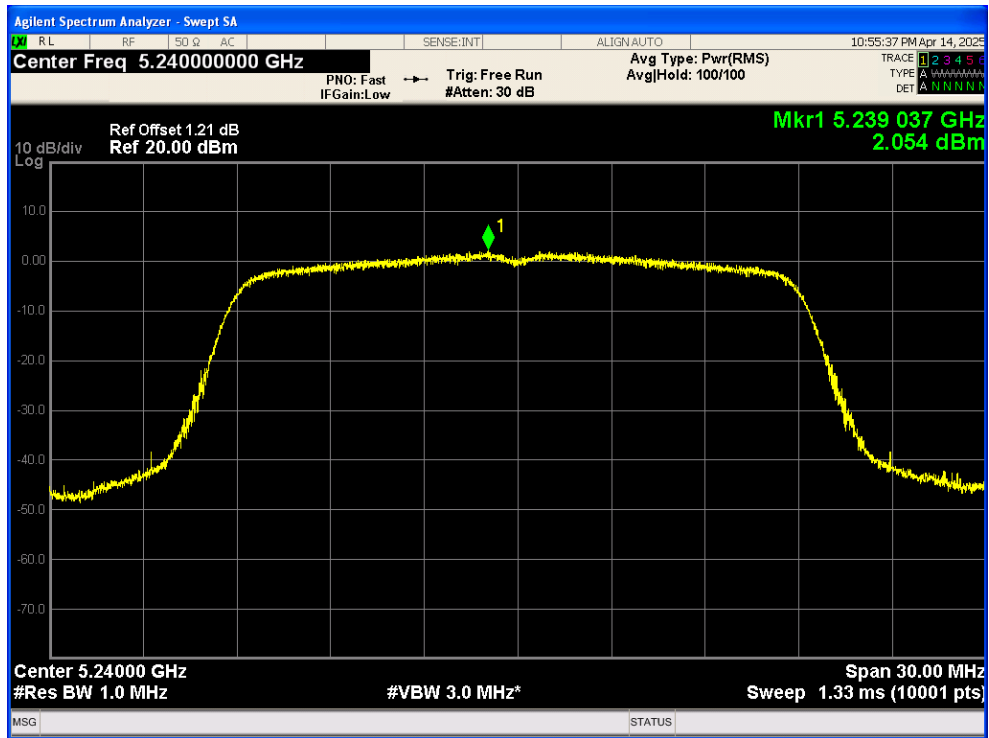
PSD NVNT ac20 5180MHz Ant1



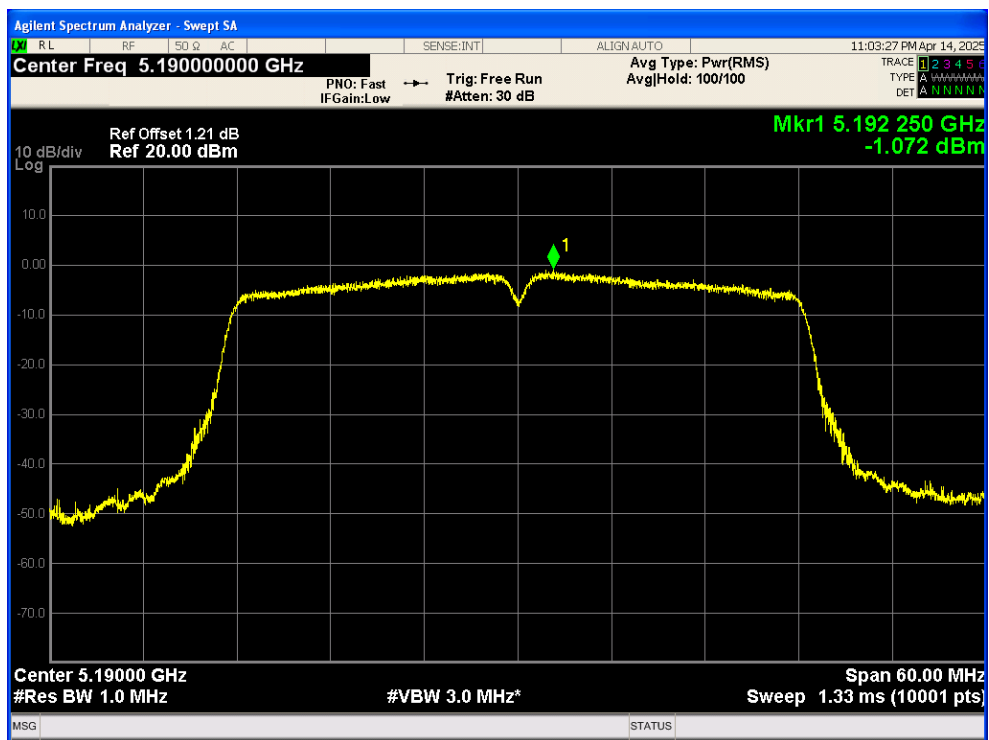
PSD NVNT ac20 5200MHz Ant1



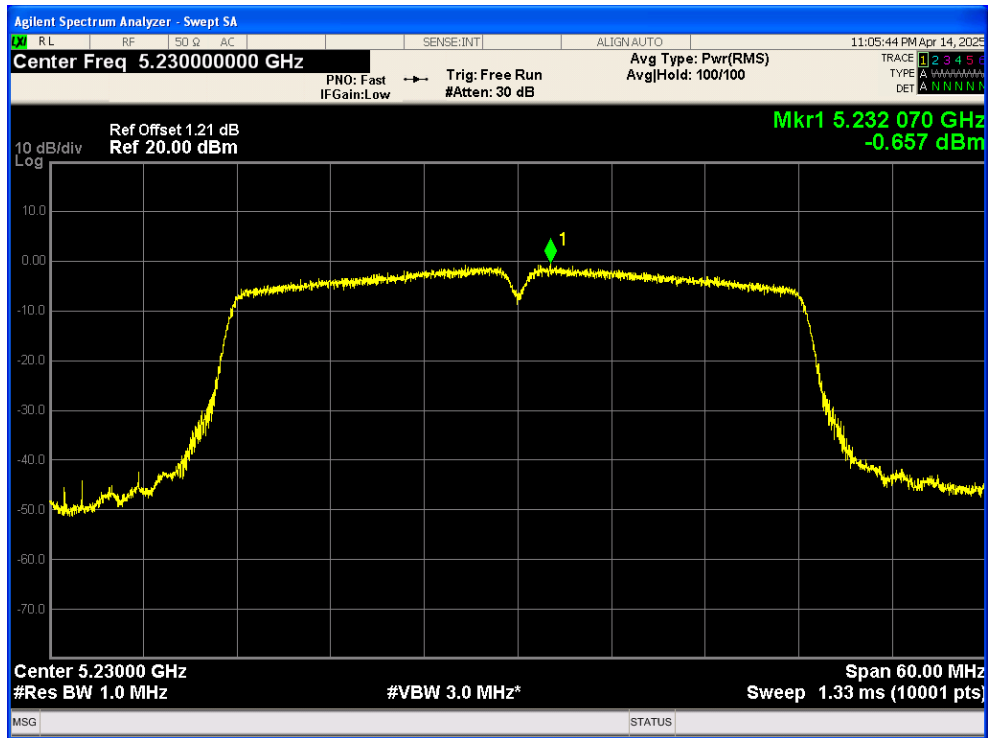
PSD NVNT ac20 5240MHz Ant1



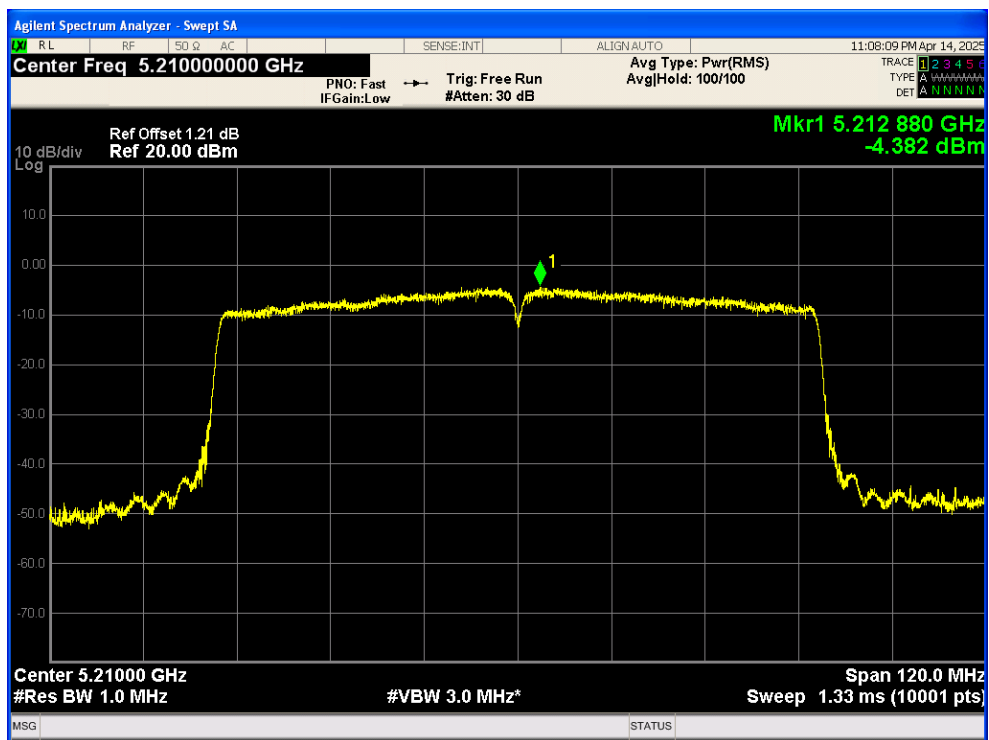
PSD NVNT ac40 5190MHz Ant1



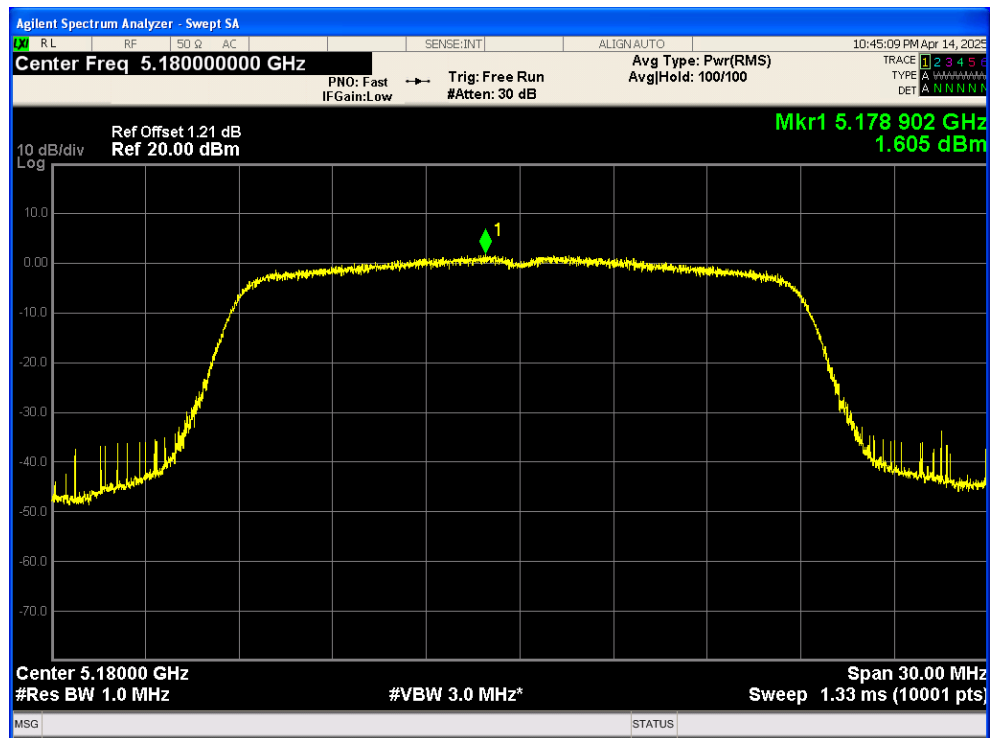
PSD NVNT ac40 5230MHz Ant1



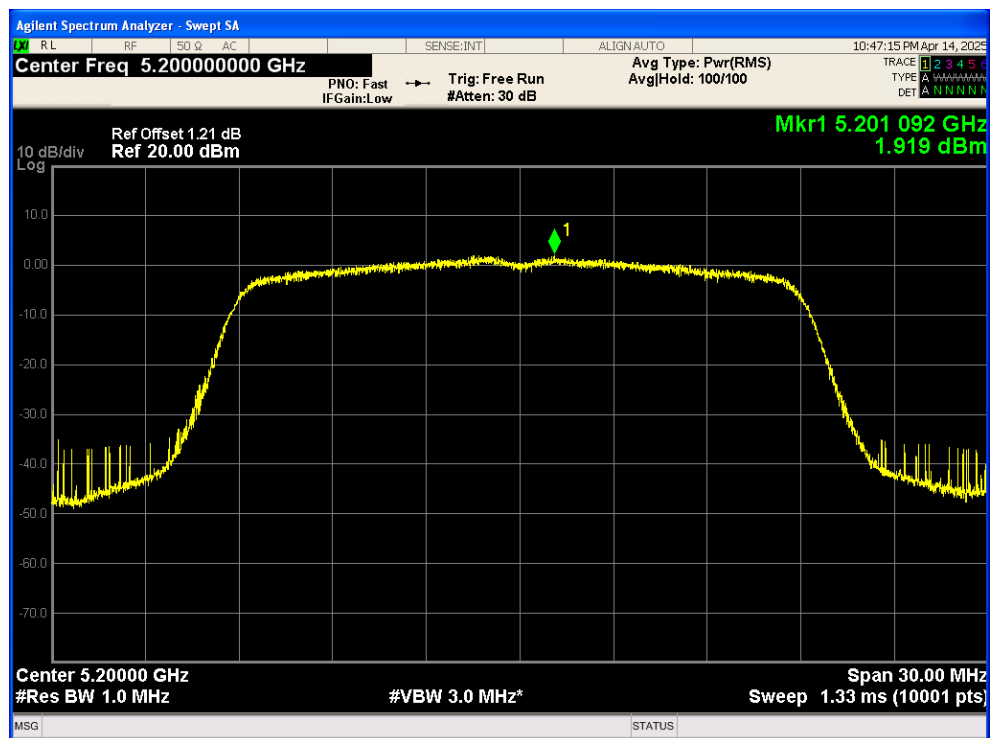
PSD NVNT ac80 5210MHz Ant1



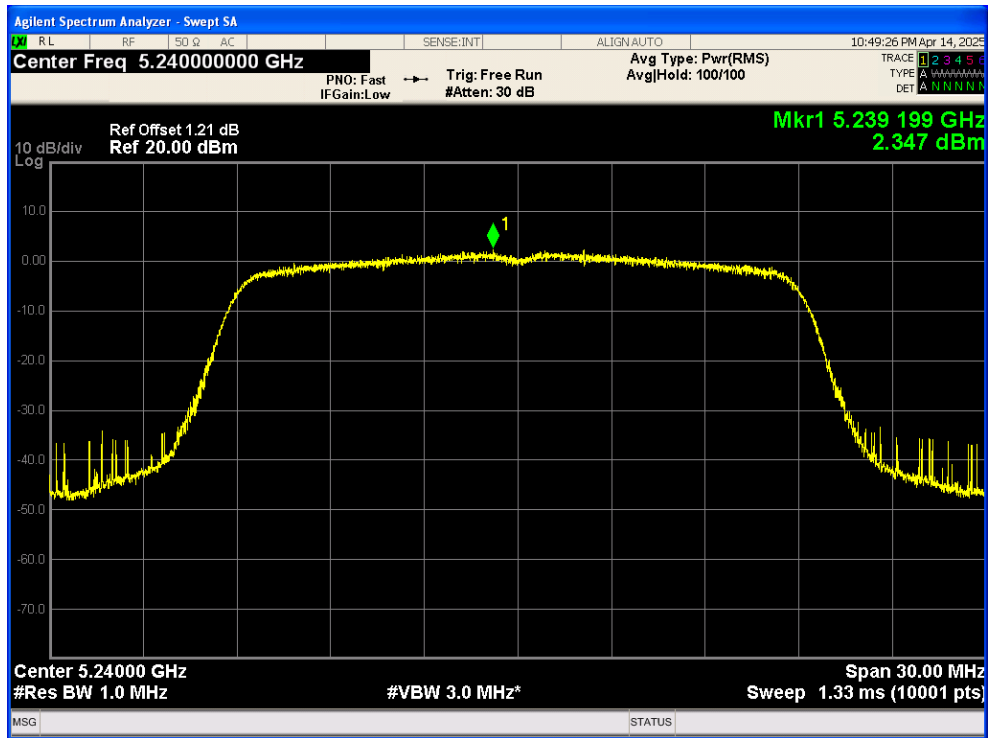
PSD NVNT n20 5180MHz Ant1



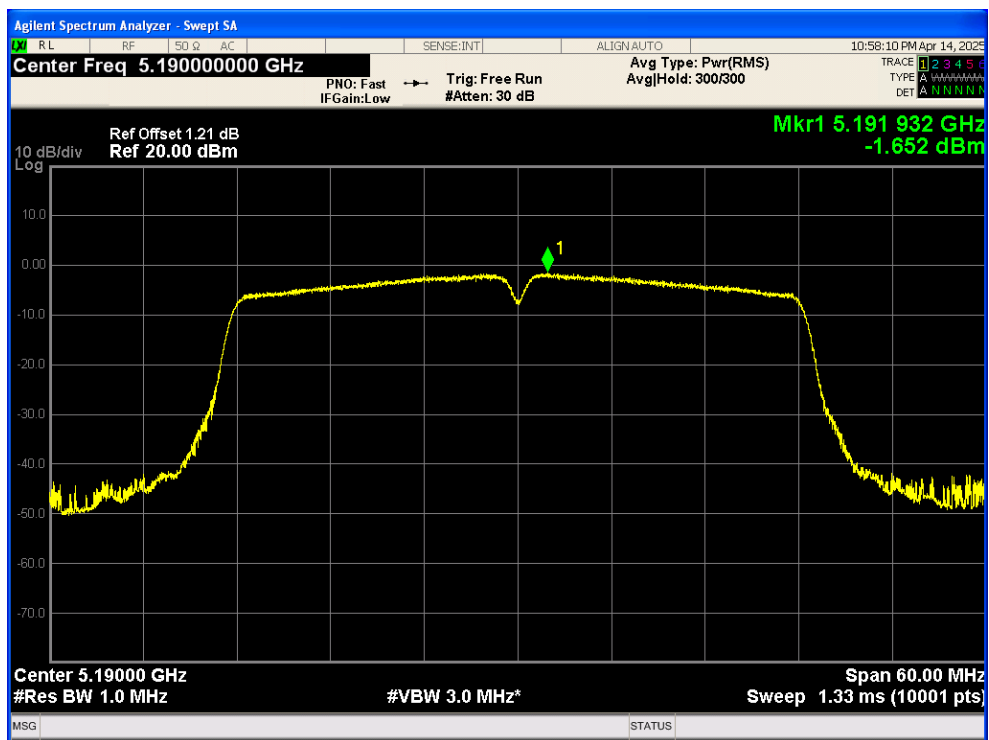
PSD NVNT n20 5200MHz Ant1



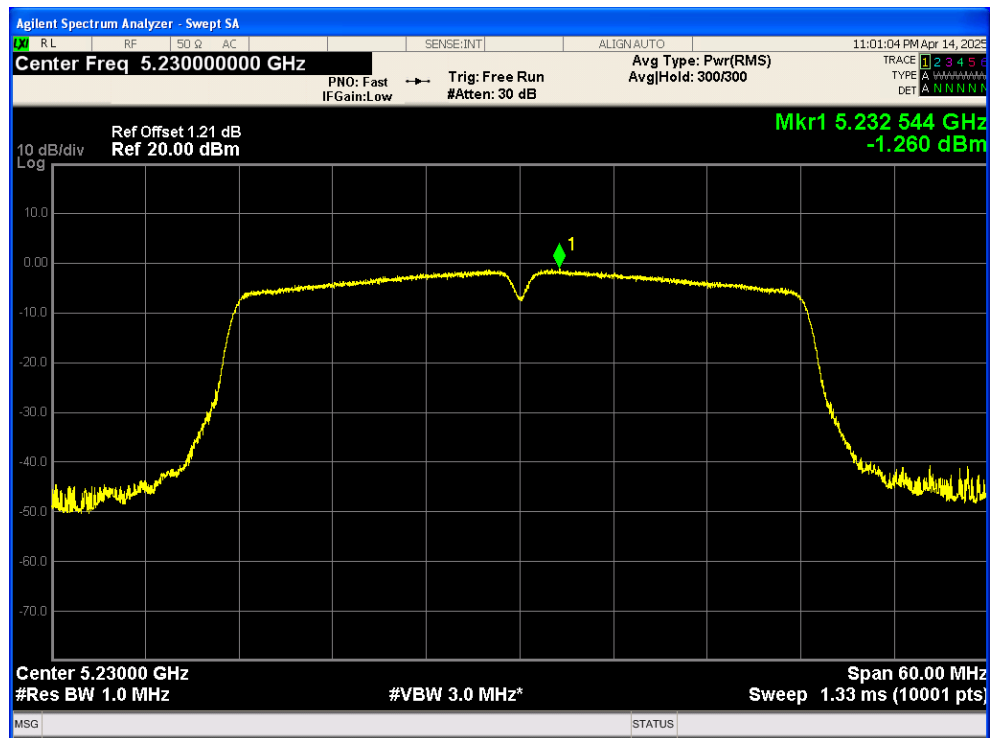
PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

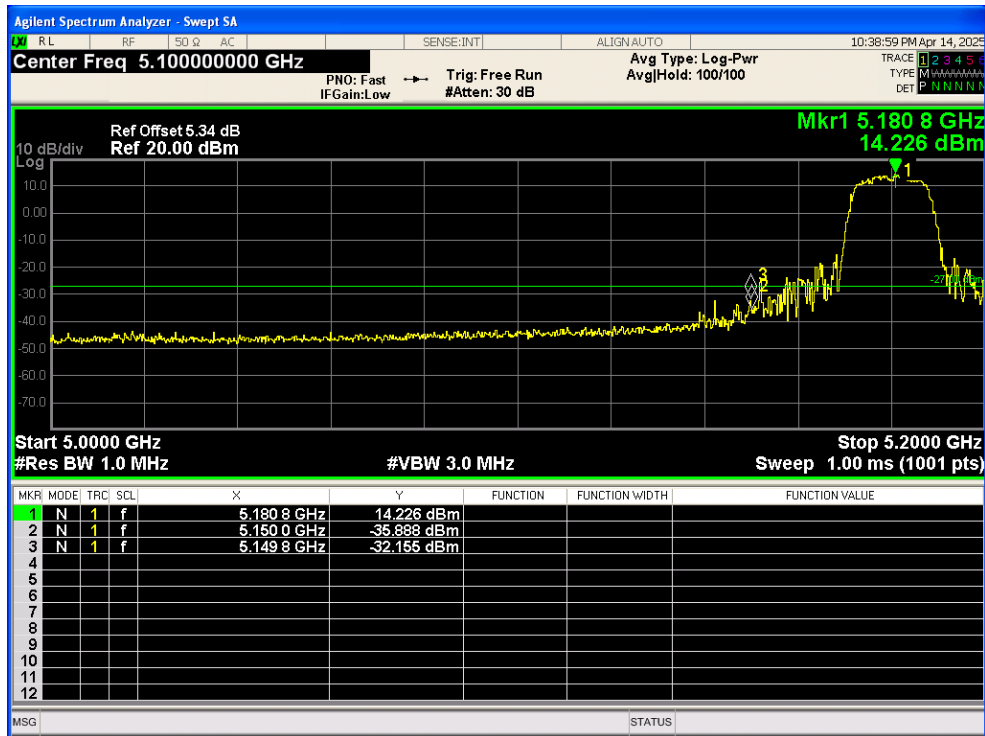


Band Edge

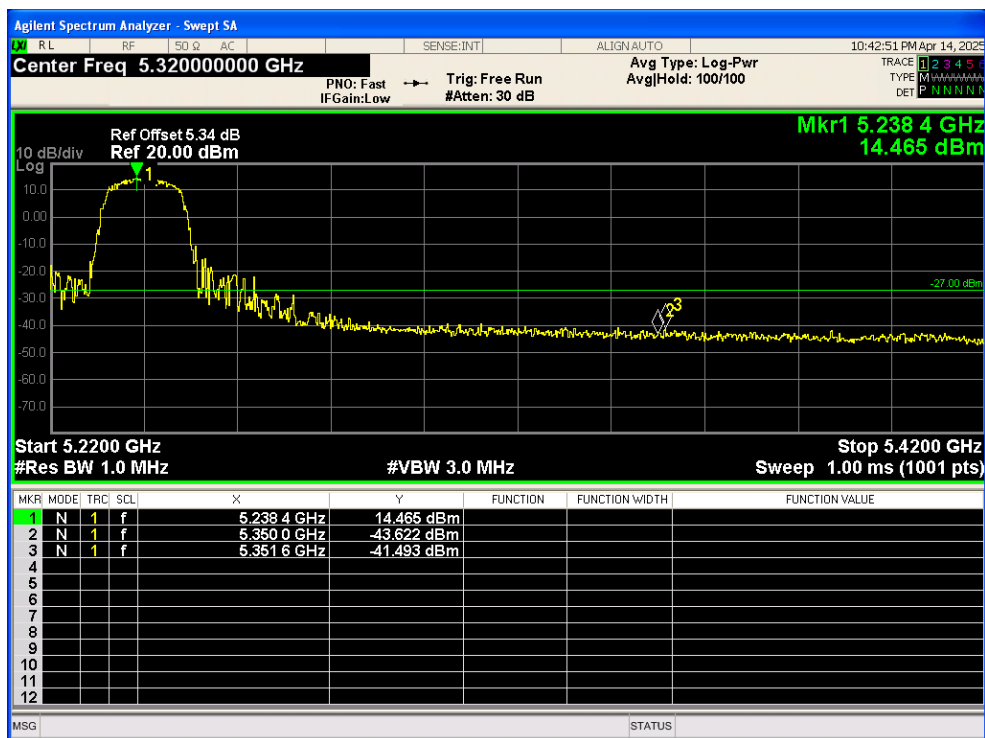
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-32.15	-27	Pass
NVNT	a	5240	Ant1	-41.49	-27	Pass
NVNT	ac20	5180	Ant1	-36.35	-27	Pass
NVNT	ac20	5240	Ant1	-42.31	-27	Pass
NVNT	ac40	5190	Ant1	-30.83	-27	Pass
NVNT	ac40	5230	Ant1	-41.64	-27	Pass
NVNT	ac80	5210	Ant1	-28.87	-27	Pass
NVNT	n20	5180	Ant1	-30.18	-27	Pass
NVNT	n20	5240	Ant1	-41.64	-27	Pass
NVNT	n40	5190	Ant1	-27.04	-27	Pass
NVNT	n40	5230	Ant1	-41.92	-27	Pass

Note1: This test has increased antenna gain .

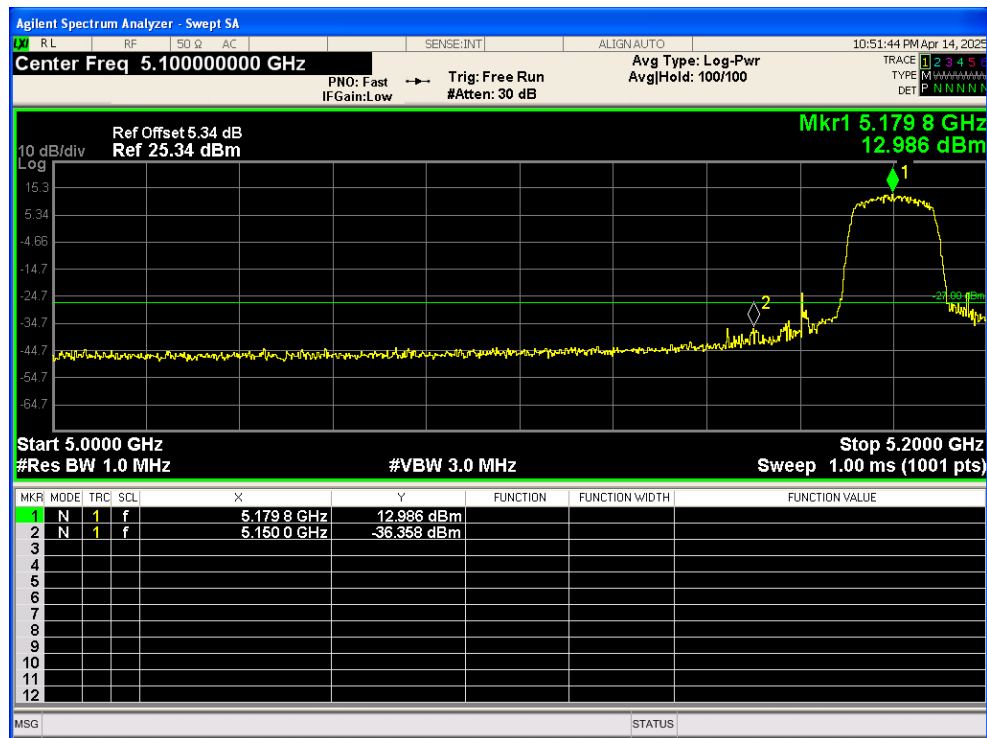
Band Edge NVNT a 5180MHz Low Ant1



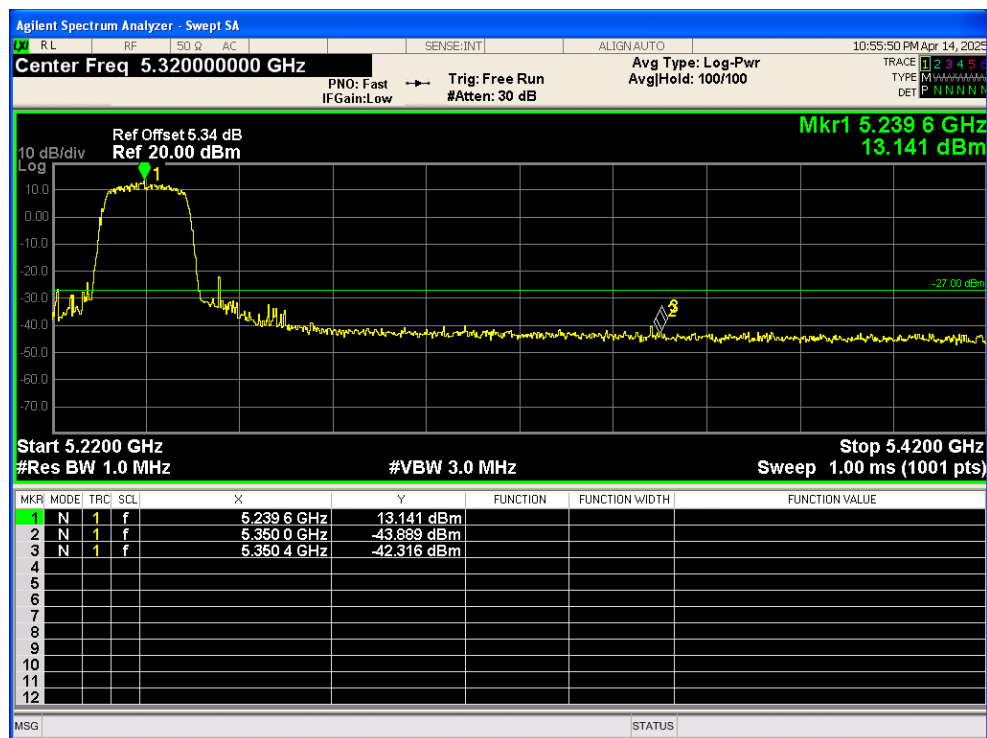
Band Edge NVNT a 5240MHz High Ant1



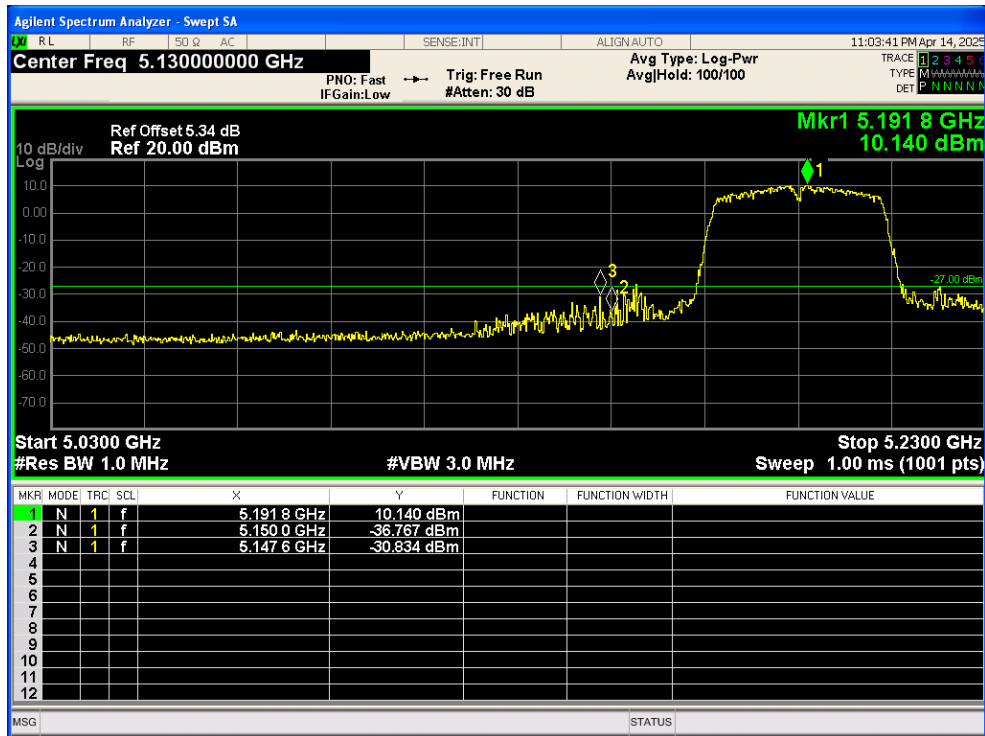
Band Edge NVNT ac20 5180MHz Low Ant1



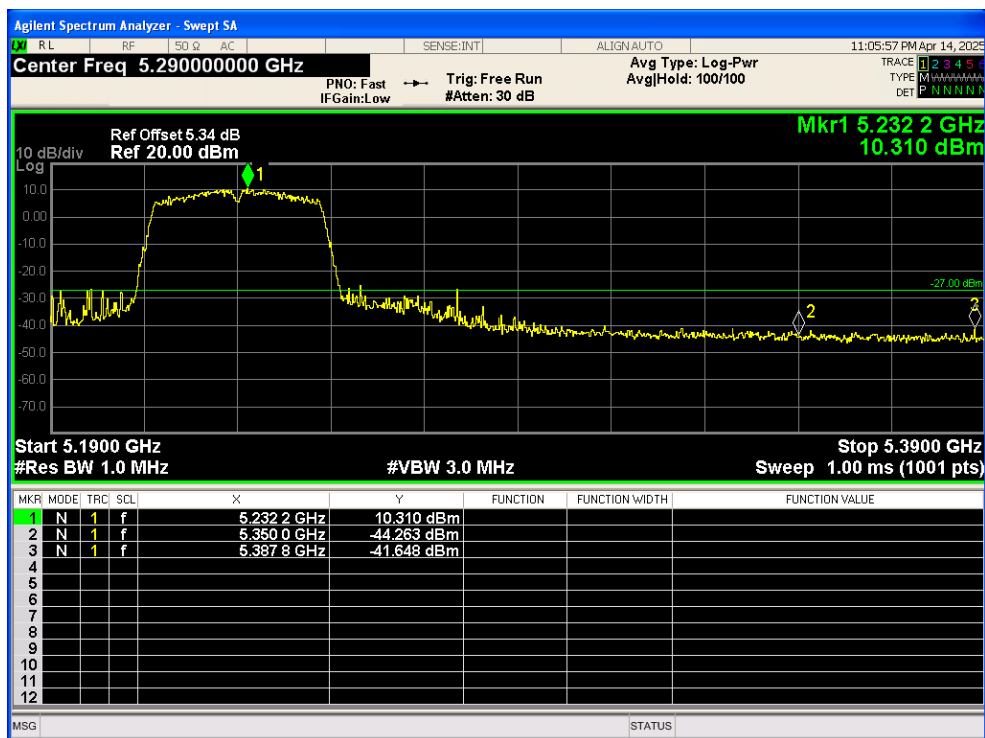
Band Edge NVNT ac20 5240MHz High Ant1



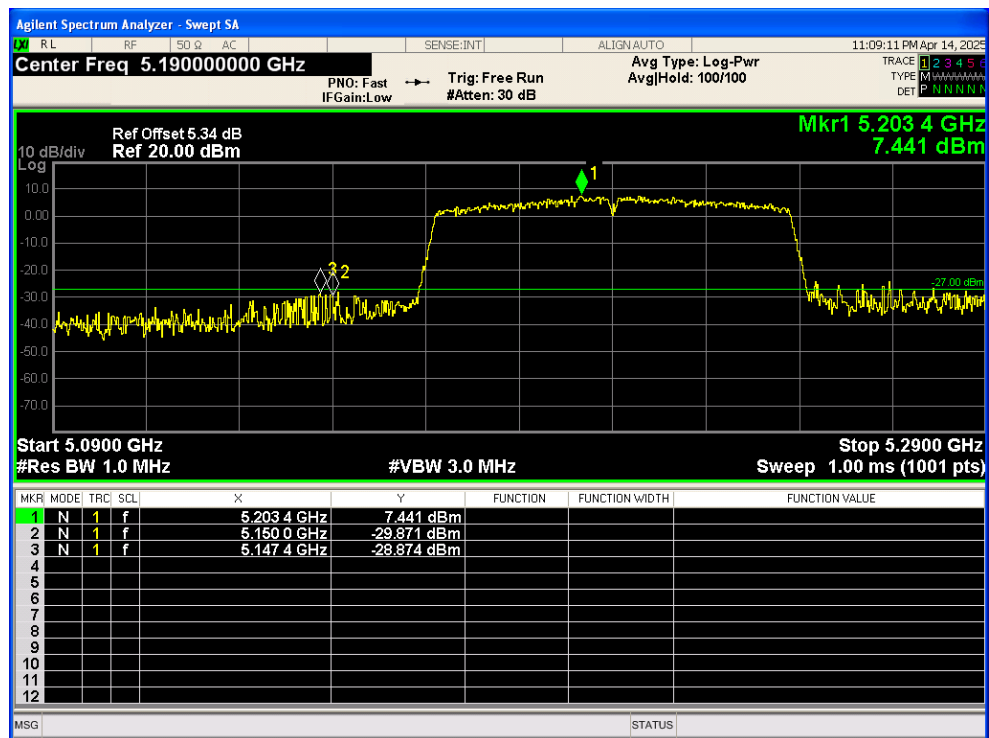
Band Edge NVNT ac40 5190MHz Low Ant1



Band Edge NVNT ac40 5230MHz High Ant1



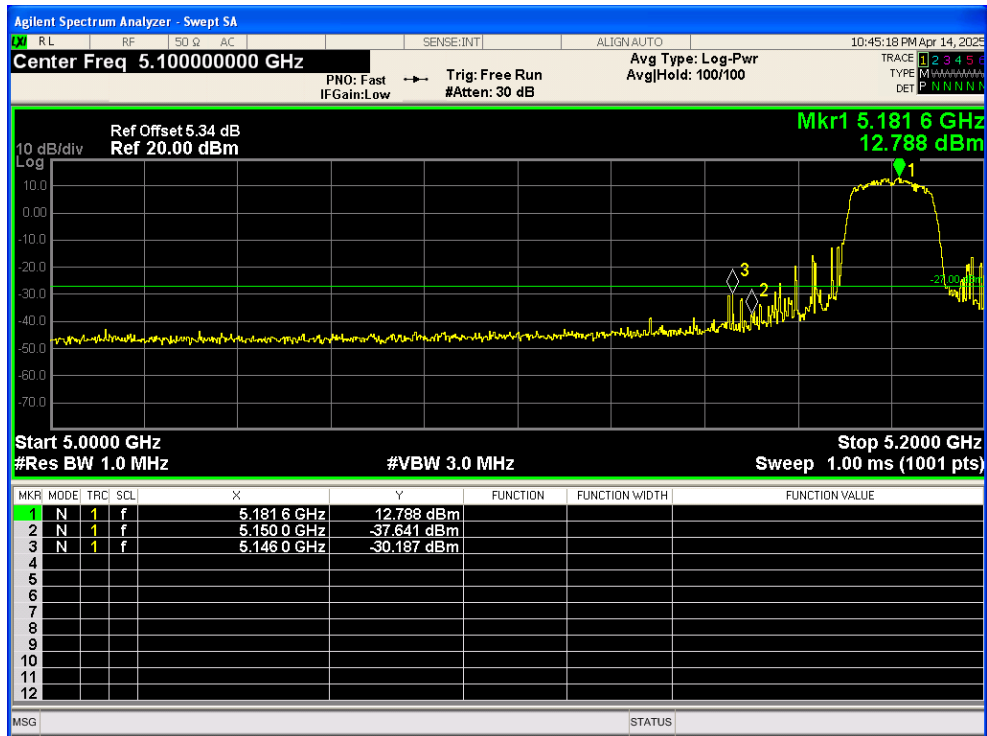
Band Edge NVNT ac80 5210MHz Low Ant1



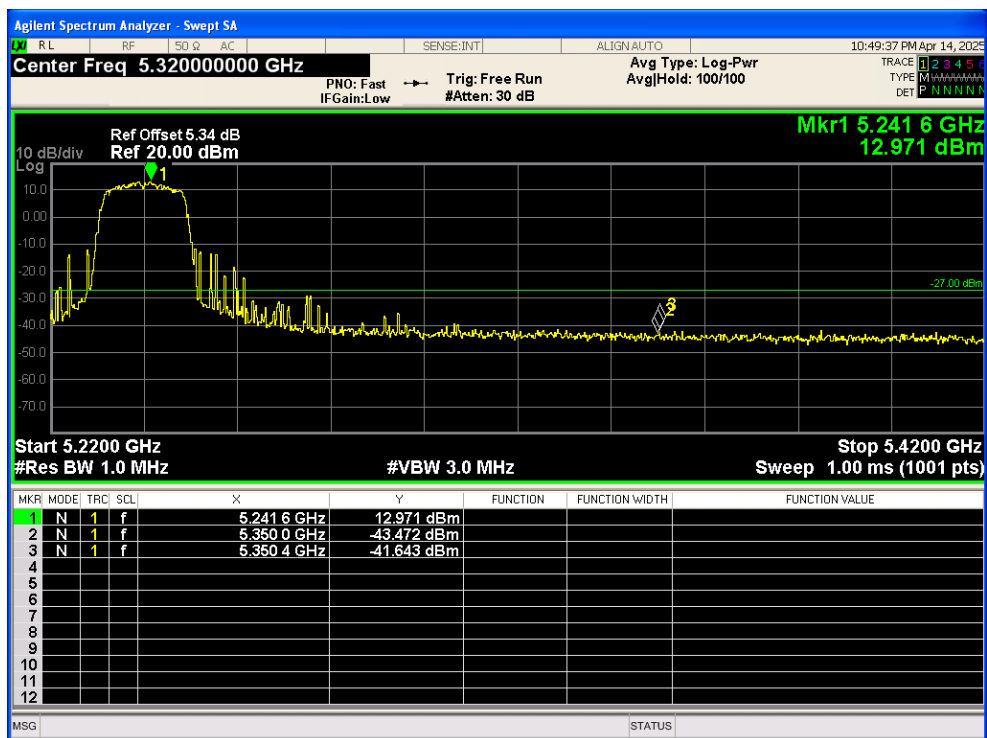
Band Edge NVNT ac80 5210MHz High Ant1



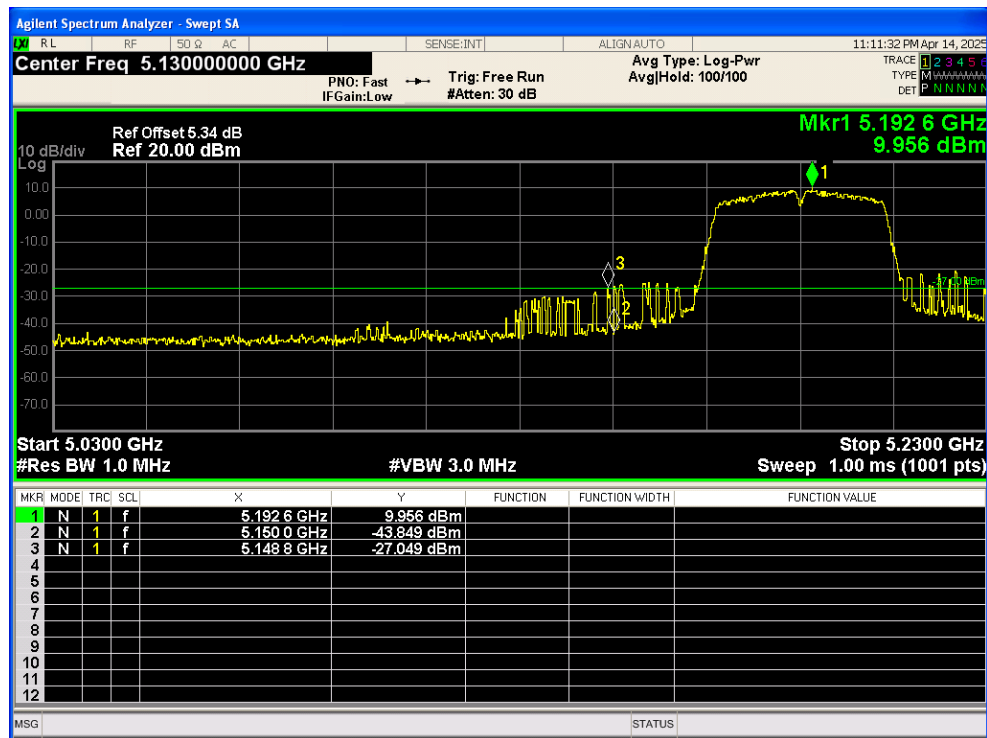
Band Edge NVNT n20 5180MHz Low Ant1



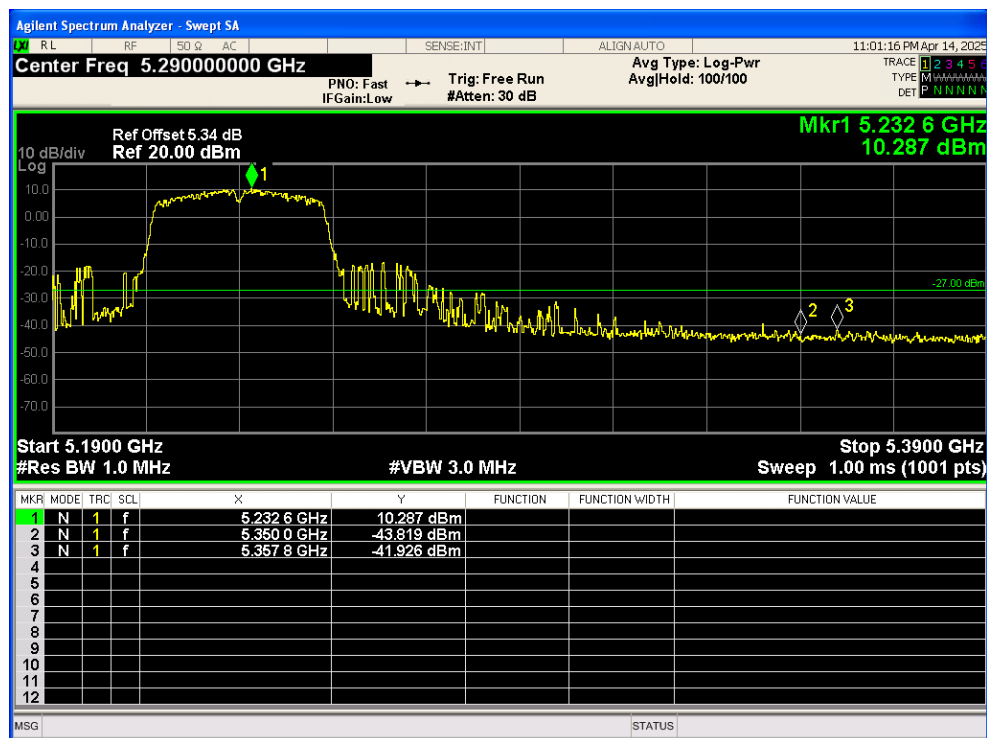
Band Edge NVNT n20 5240MHz High Ant1



Band Edge NVNT n40 5190MHz Low Ant1



Band Edge NVNT n40 5230MHz High Ant1



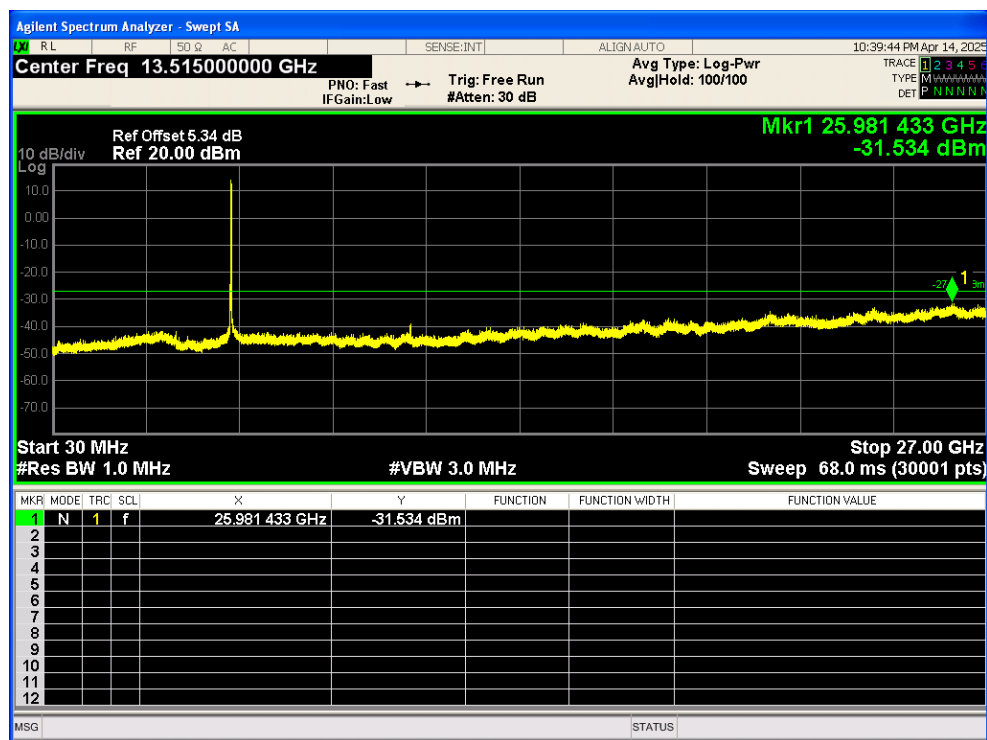
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-31.53	-27	Pass
NVNT	a	5200	Ant1	-32.08	-27	Pass
NVNT	a	5240	Ant1	-31.86	-27	Pass
NVNT	ac20	5180	Ant1	-31.03	-27	Pass
NVNT	ac20	5200	Ant1	-31.63	-27	Pass

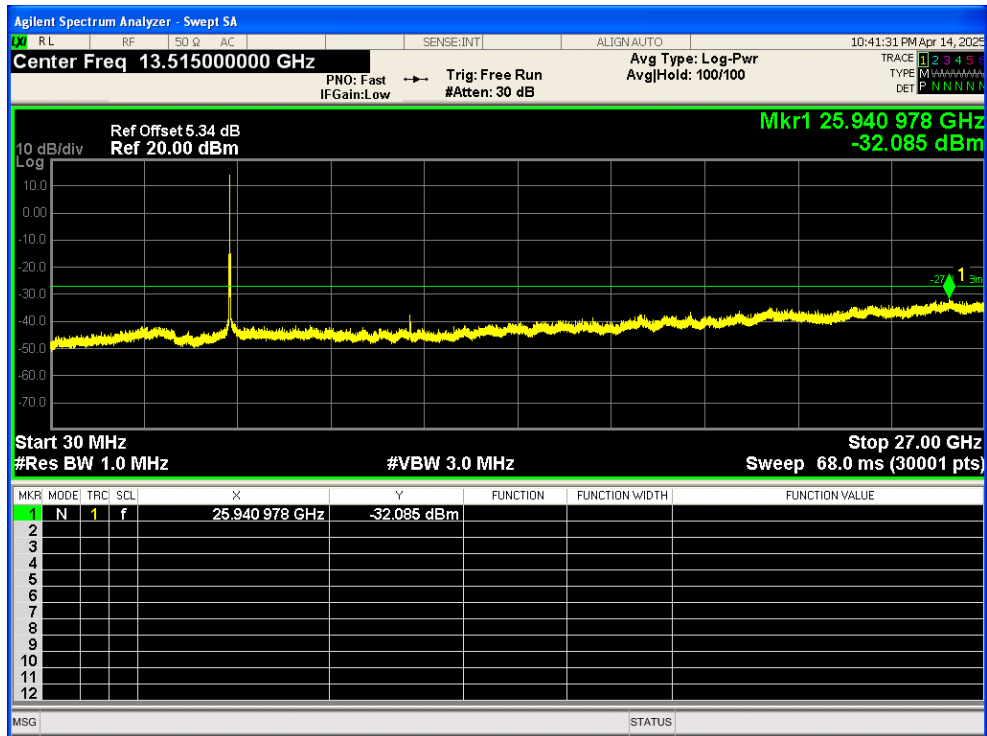
NVNT	ac20	5240	Ant1	-31.94	-27	Pass
NVNT	ac40	5190	Ant1	-31.53	-27	Pass
NVNT	ac40	5230	Ant1	-31.99	-27	Pass
NVNT	ac80	5210	Ant1	-41.03	-27	Pass
NVNT	n20	5180	Ant1	-31.93	-27	Pass
NVNT	n20	5200	Ant1	-31.59	-27	Pass
NVNT	n20	5240	Ant1	-31	-27	Pass
NVNT	n40	5190	Ant1	-32.1	-27	Pass
NVNT	n40	5230	Ant1	-31.74	-27	Pass

Note1: This test has increased antenna gain .

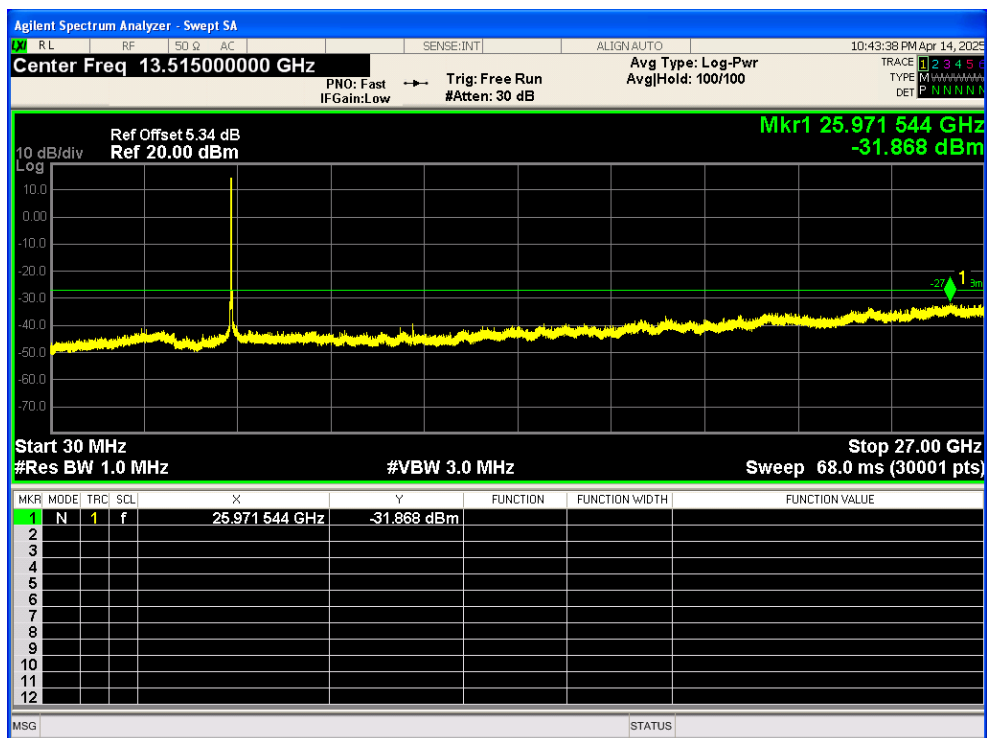
Tx. Spurious NVNT a 5180MHz Ant1 Emission



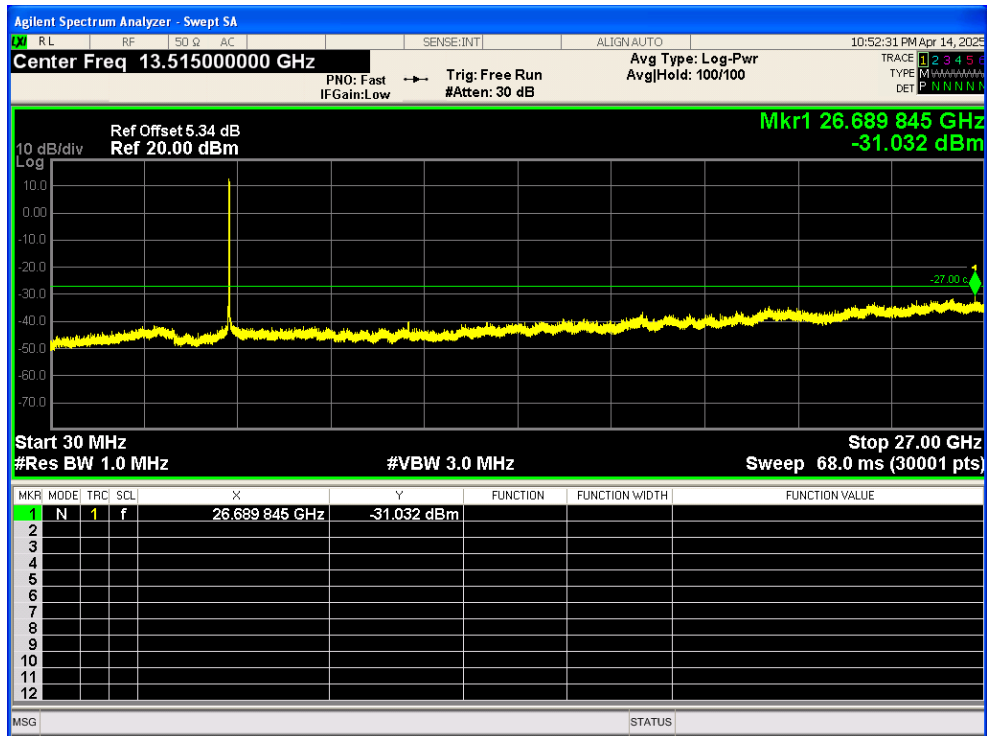
Tx. Spurious NVNT a 5200MHz Ant1 Emission



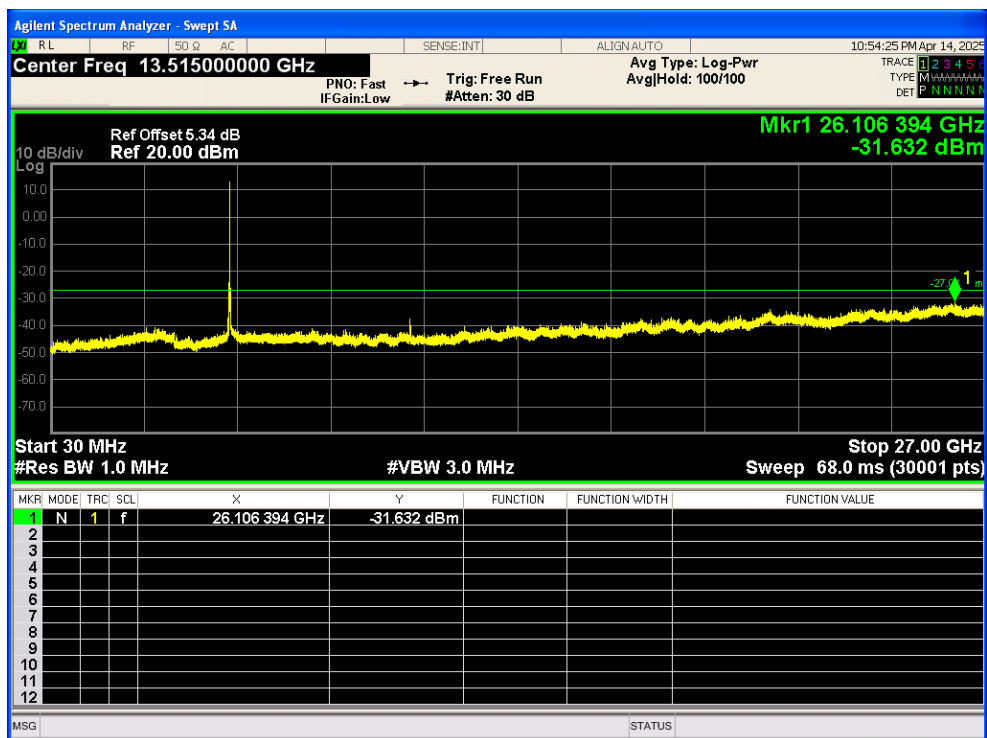
Tx. Spurious NVNT a 5240MHz Ant1 Emission



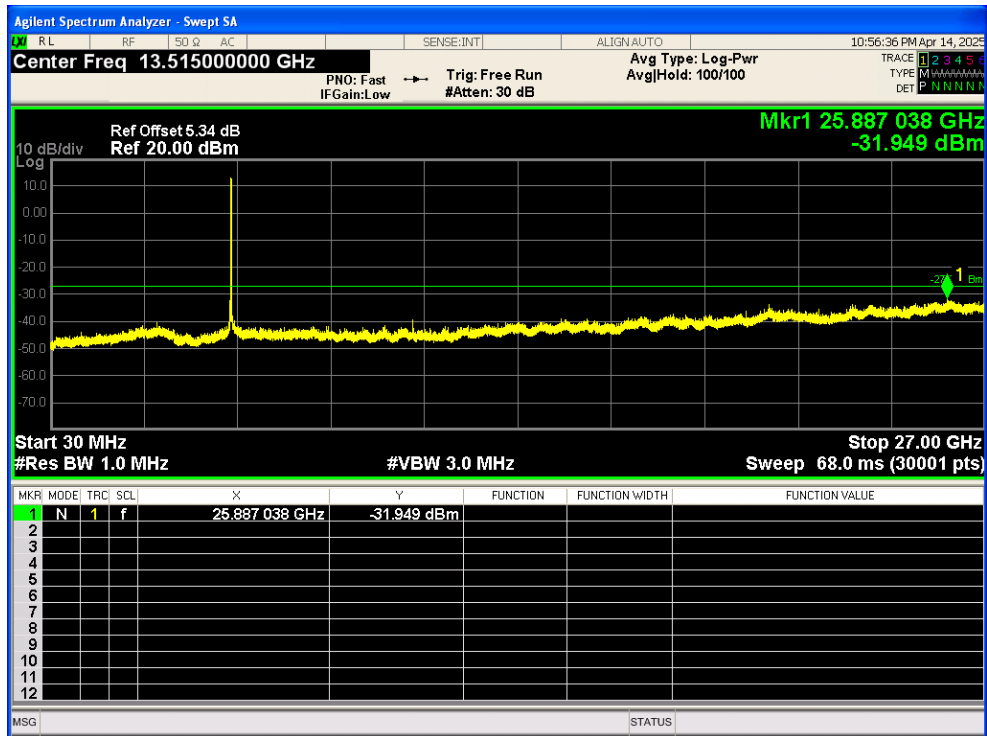
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



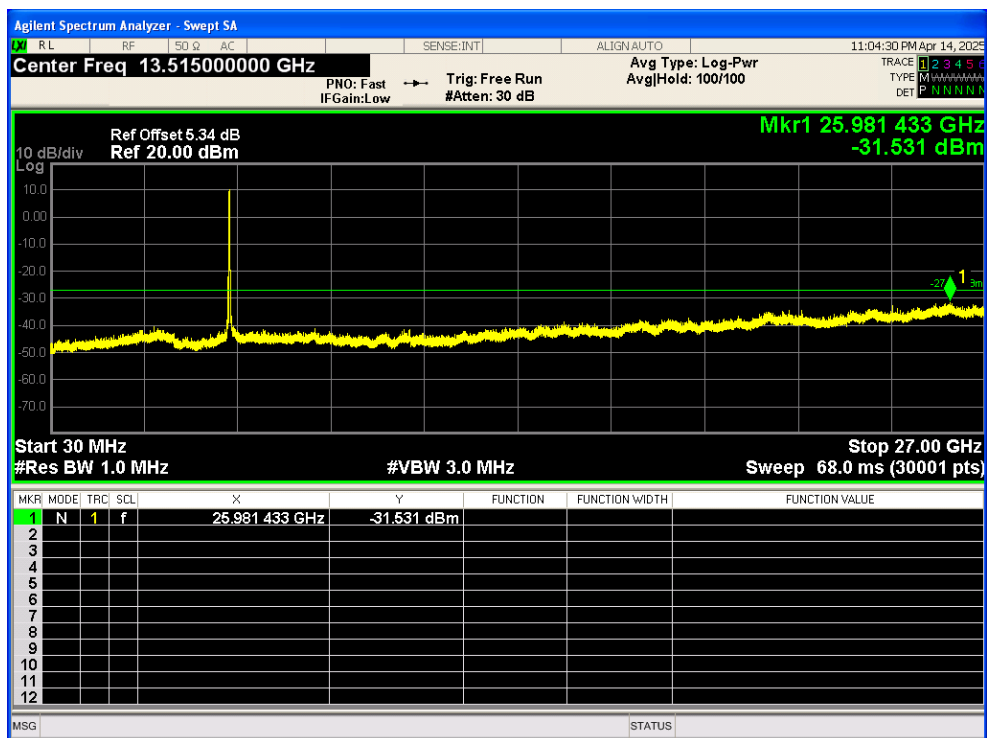
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



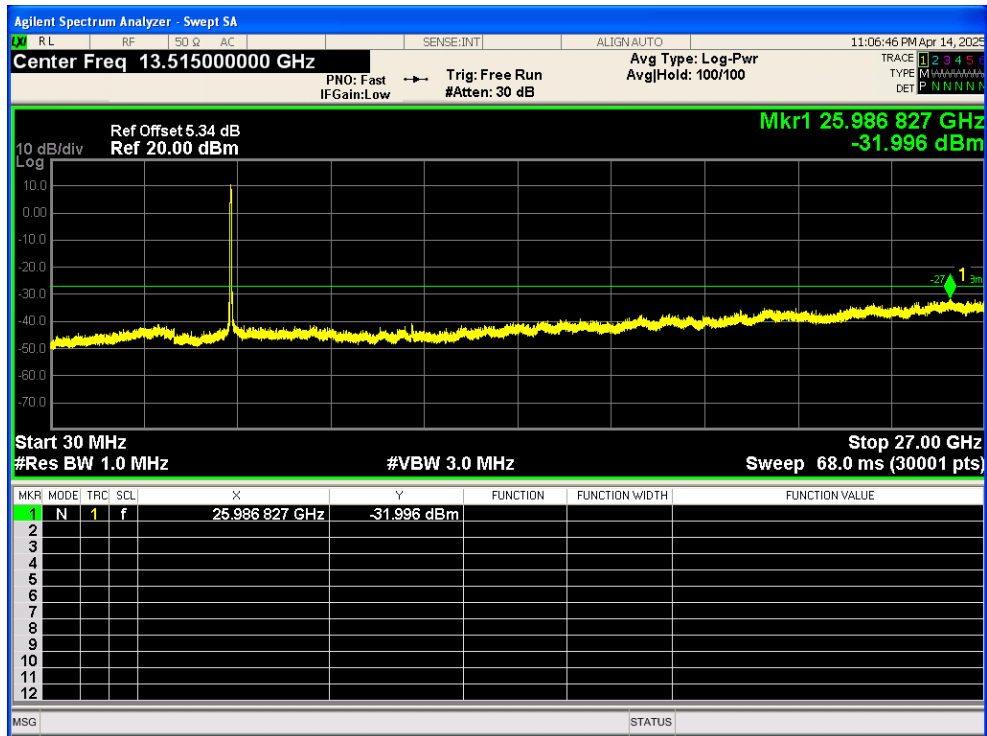
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



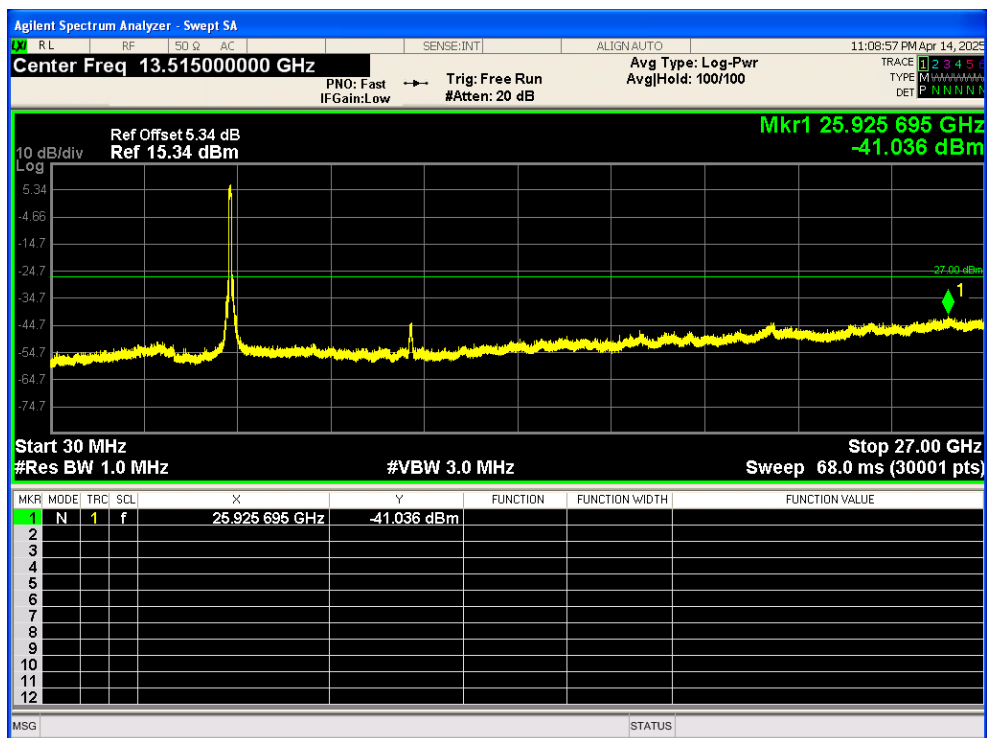
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



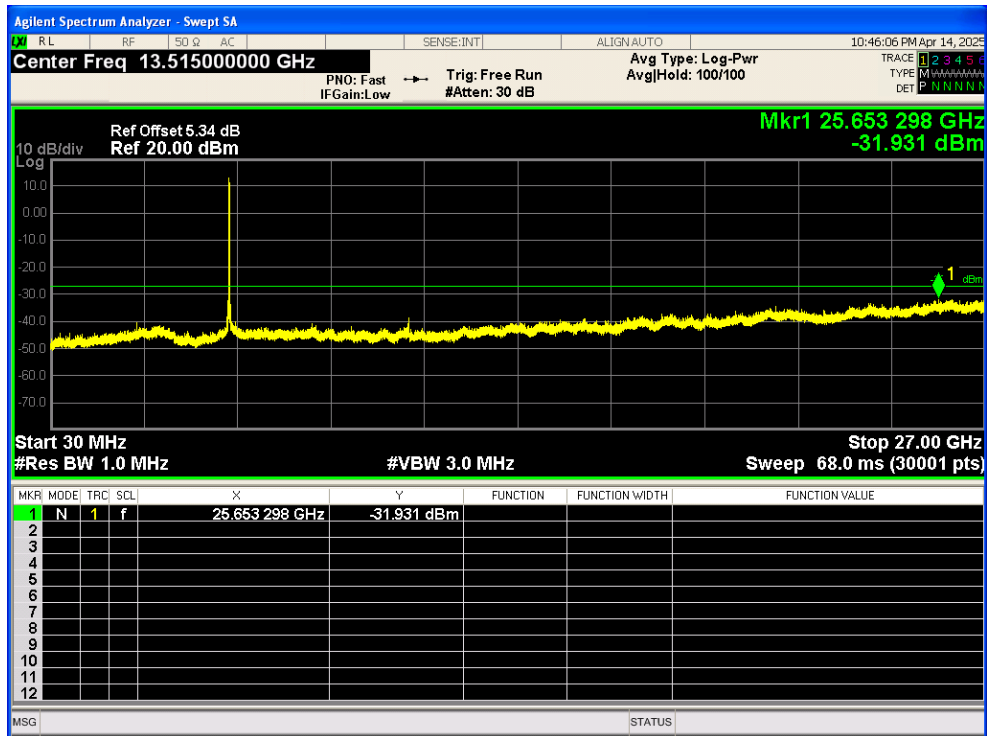
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



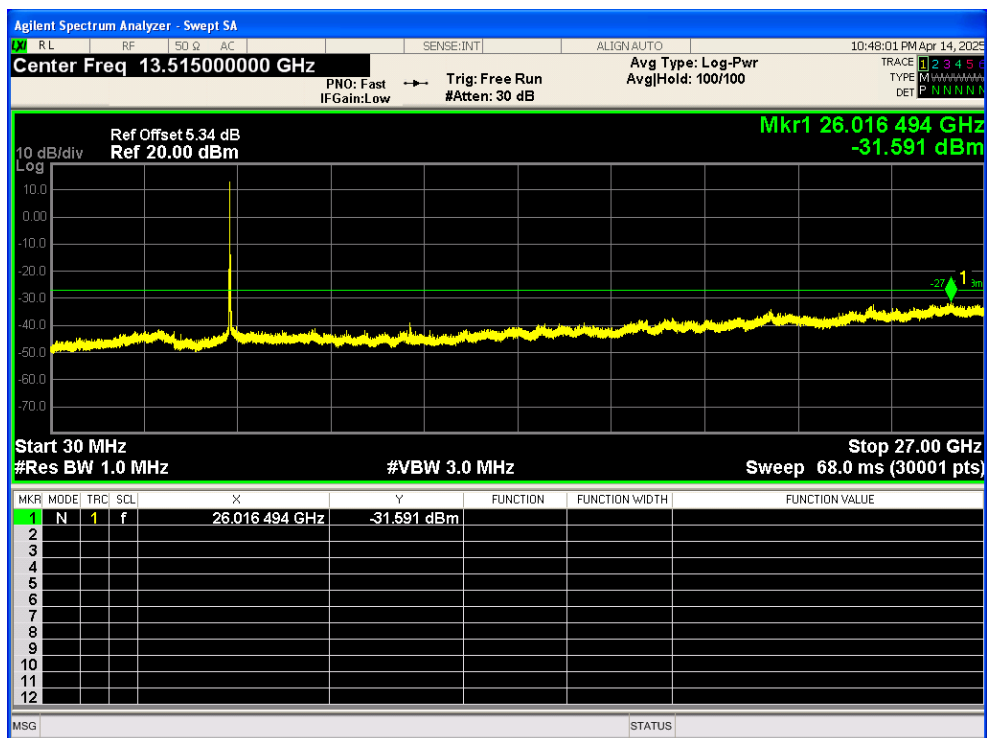
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



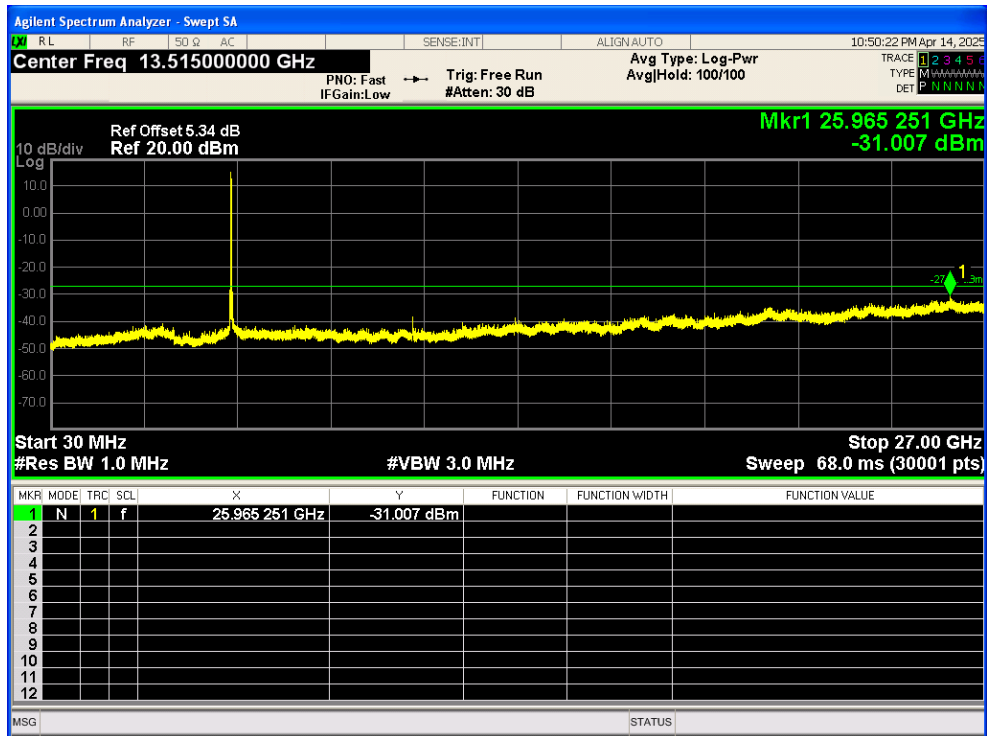
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



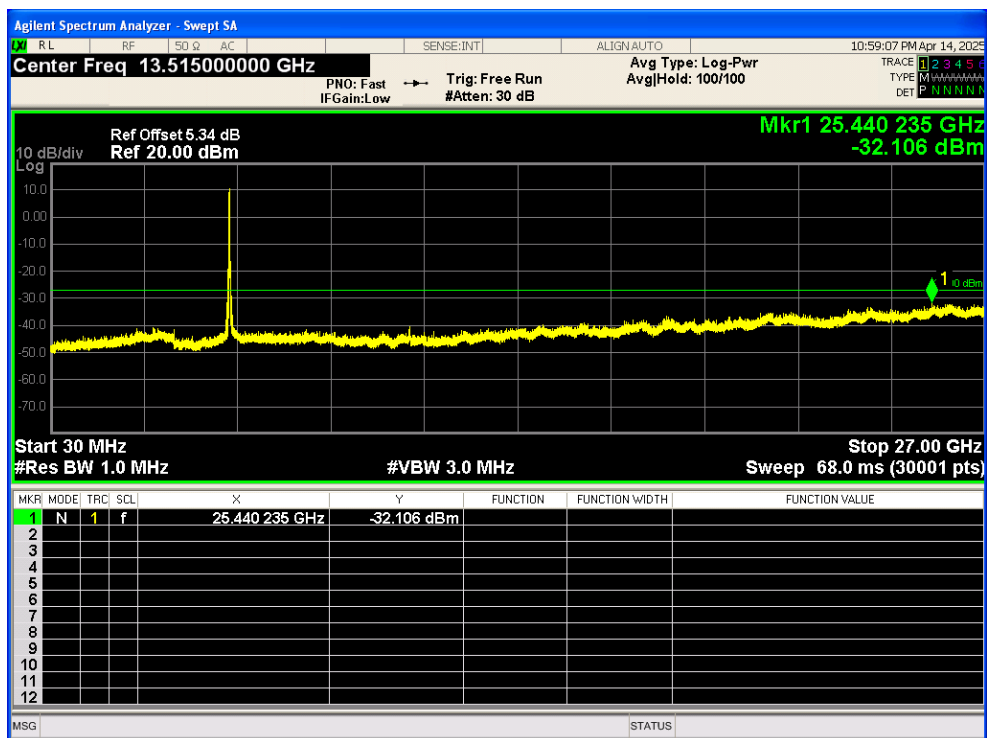
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



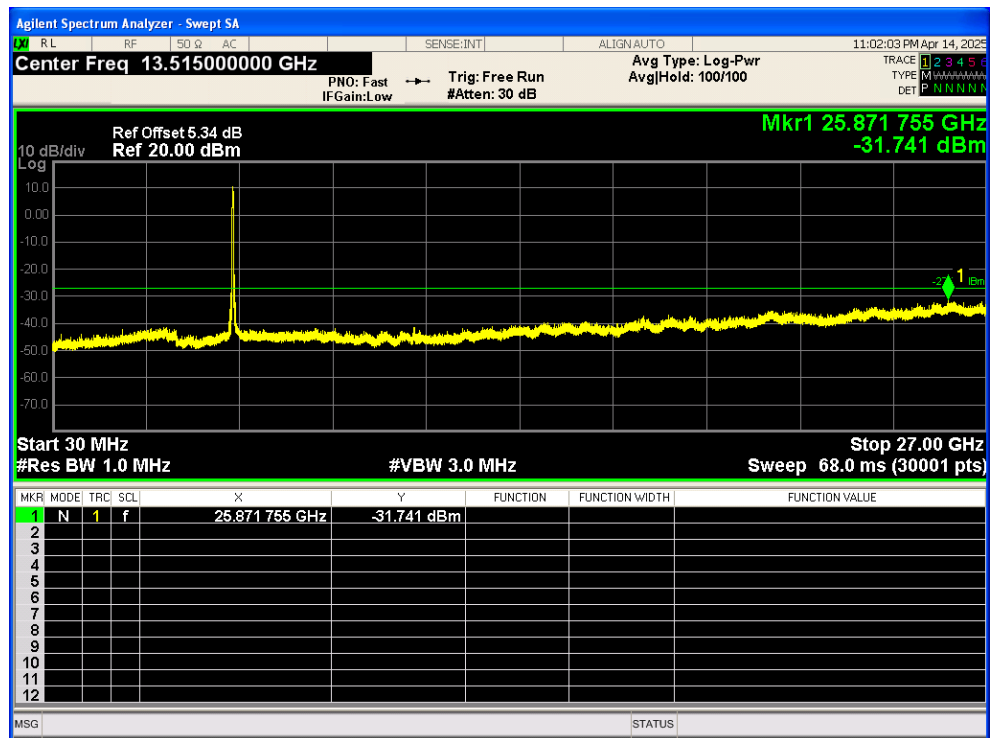
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



Tx. Spurious NVNT n40 5190MHz Ant1 Emission



Tx. Spurious NVNT n40 5230MHz Ant1 Emission

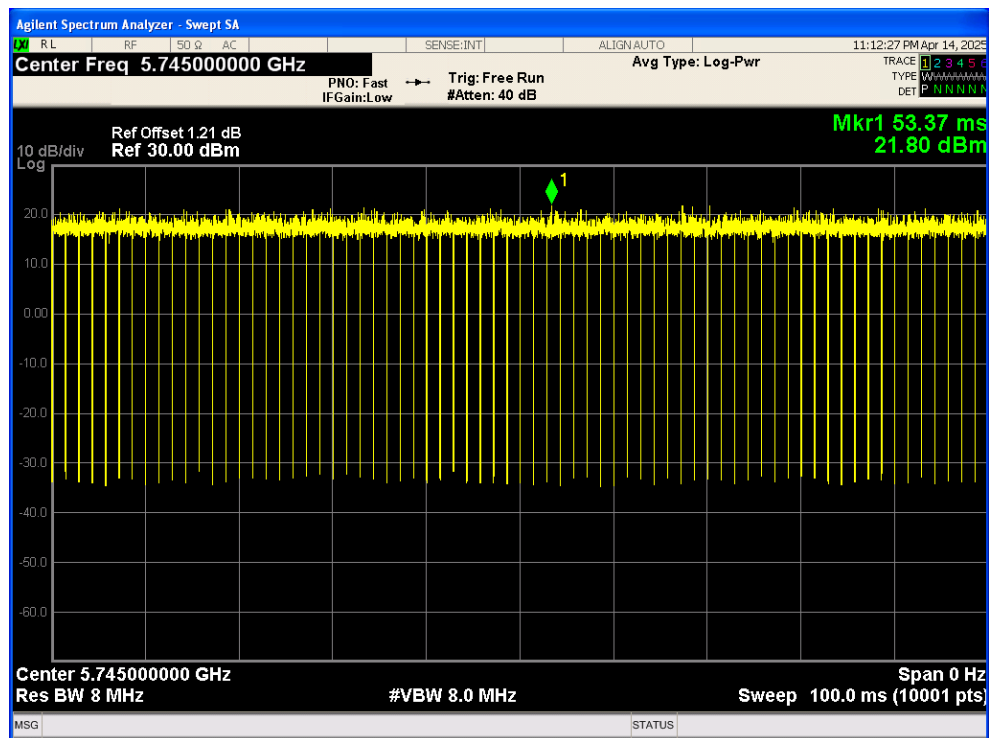


WIFI 5.8G:

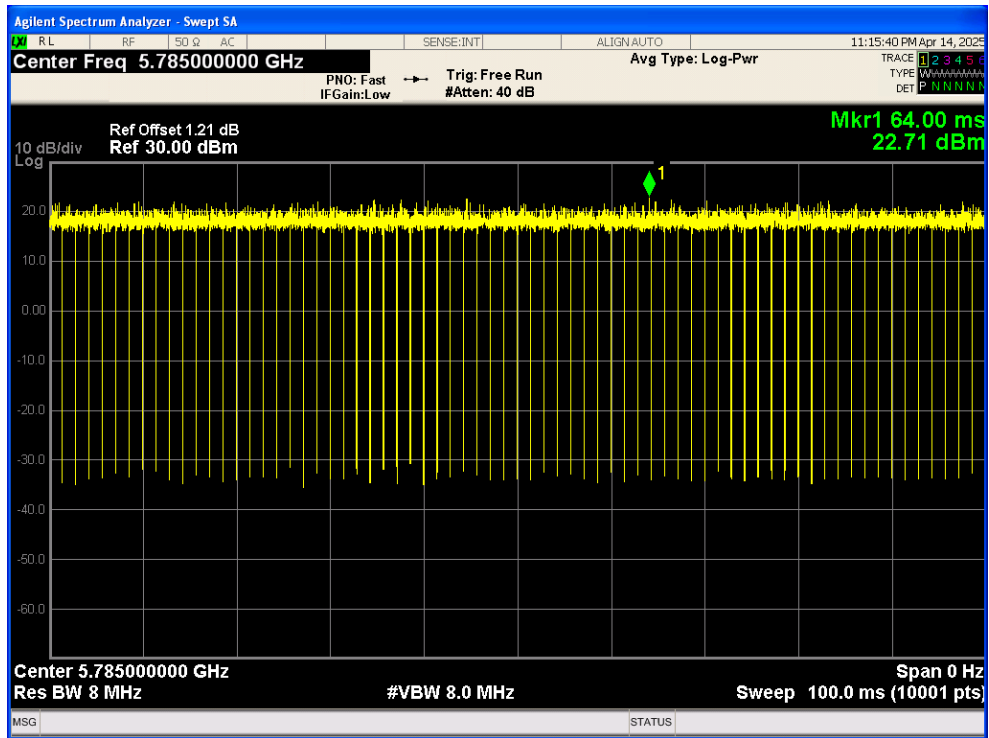
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	98.19	0.08
NVNT	a	5785	Ant1	98.2	0.08
NVNT	a	5825	Ant1	98.19	0.08
NVNT	ac20	5745	Ant1	98.1	0.08
NVNT	ac20	5785	Ant1	98.08	0.08
NVNT	ac20	5825	Ant1	98.09	0.08
NVNT	ac40	5755	Ant1	96.35	0.16
NVNT	ac40	5795	Ant1	96.35	0.16
NVNT	ac80	5775	Ant1	87.61	0.57
NVNT	n20	5745	Ant1	98.09	0.08
NVNT	n20	5785	Ant1	98.07	0.08
NVNT	n20	5825	Ant1	98.06	0.09
NVNT	n40	5755	Ant1	96.35	0.16
NVNT	n40	5795	Ant1	96.35	0.16

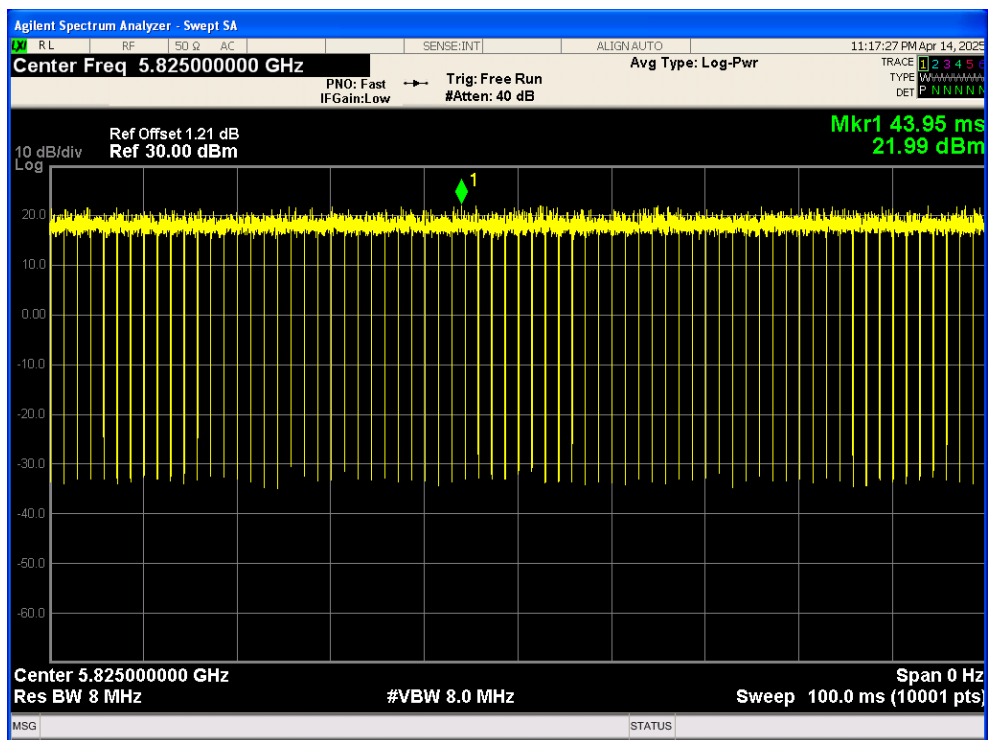
Duty Cycle NVNT a 5745MHz Ant1



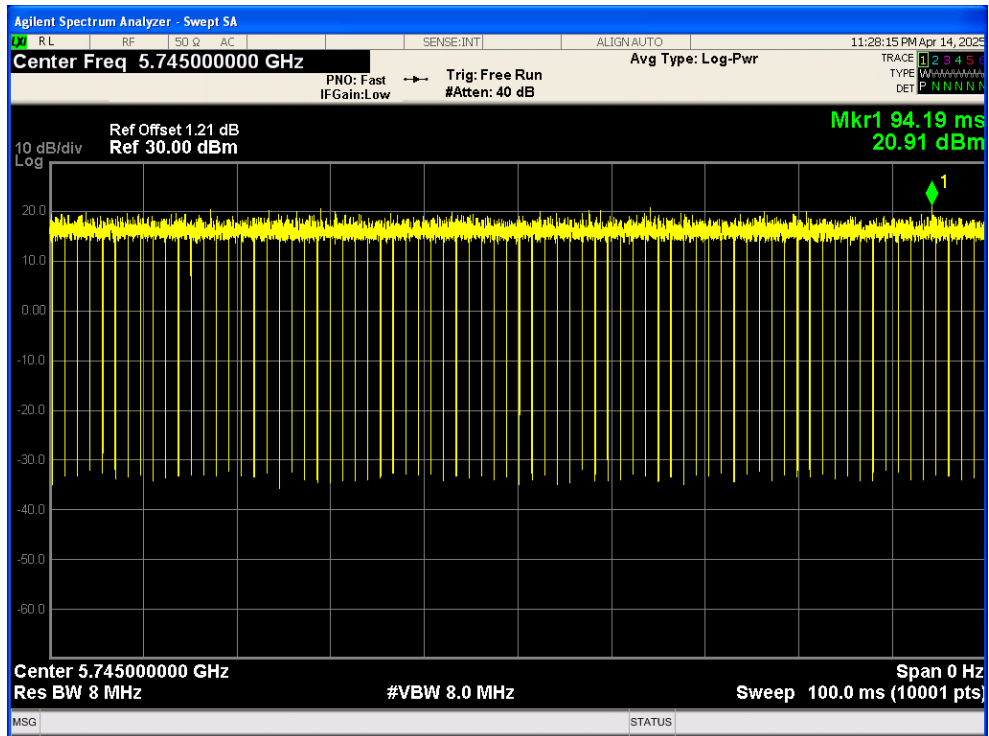
Duty Cycle NVNT a 5785MHz Ant1



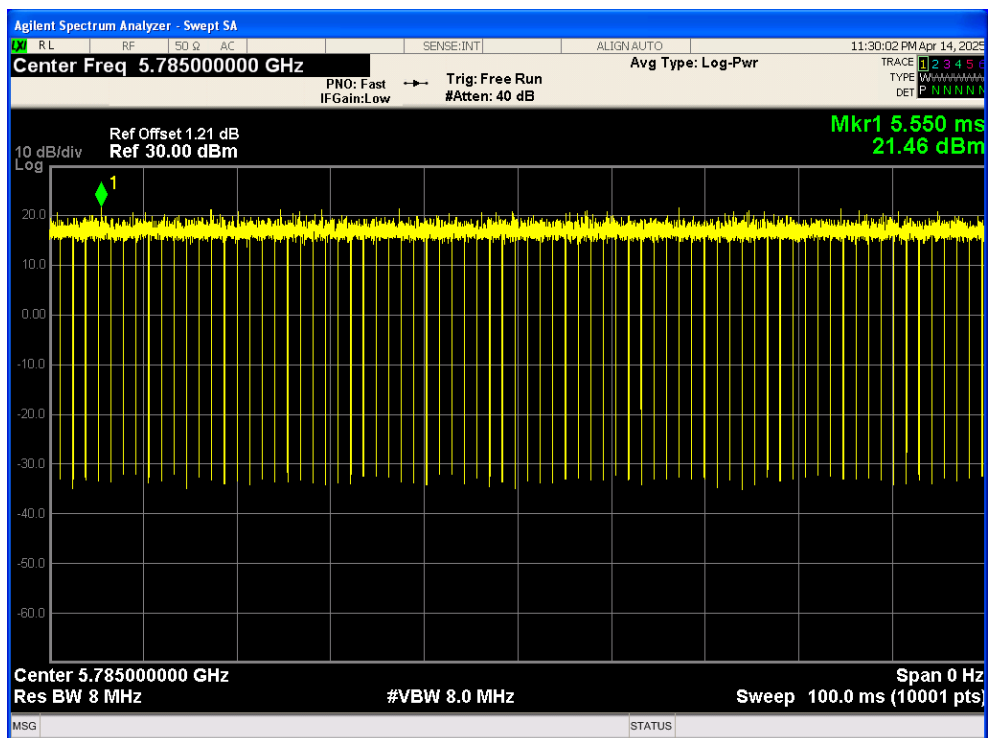
Duty Cycle NVNT a 5825MHz Ant1



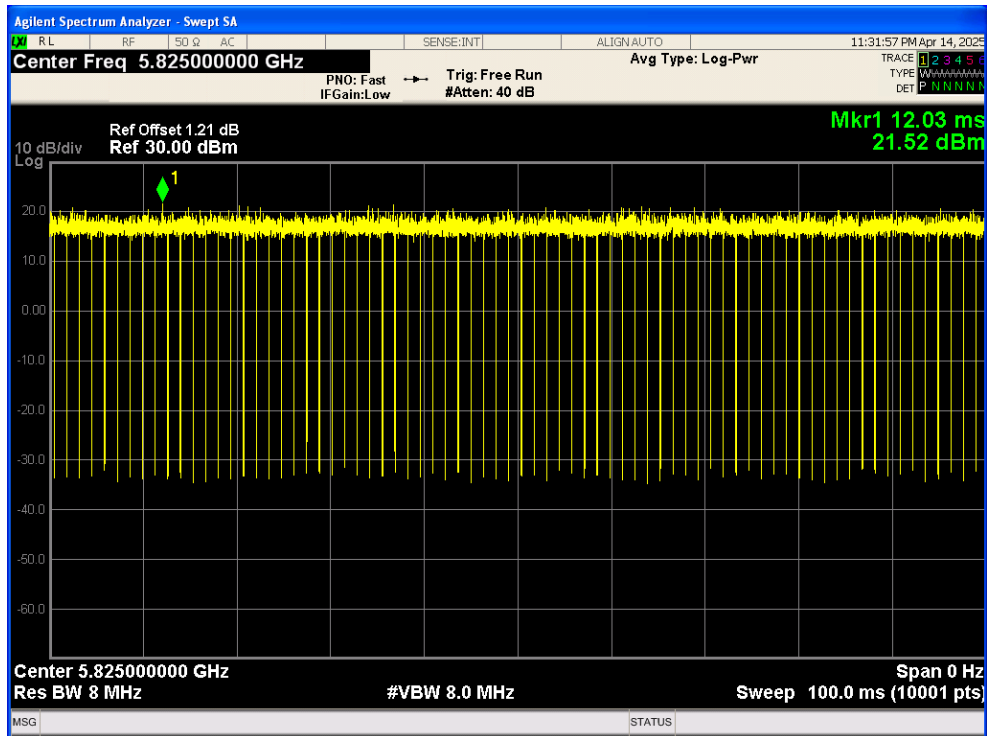
Duty Cycle NVNT ac20 5745MHz Ant1



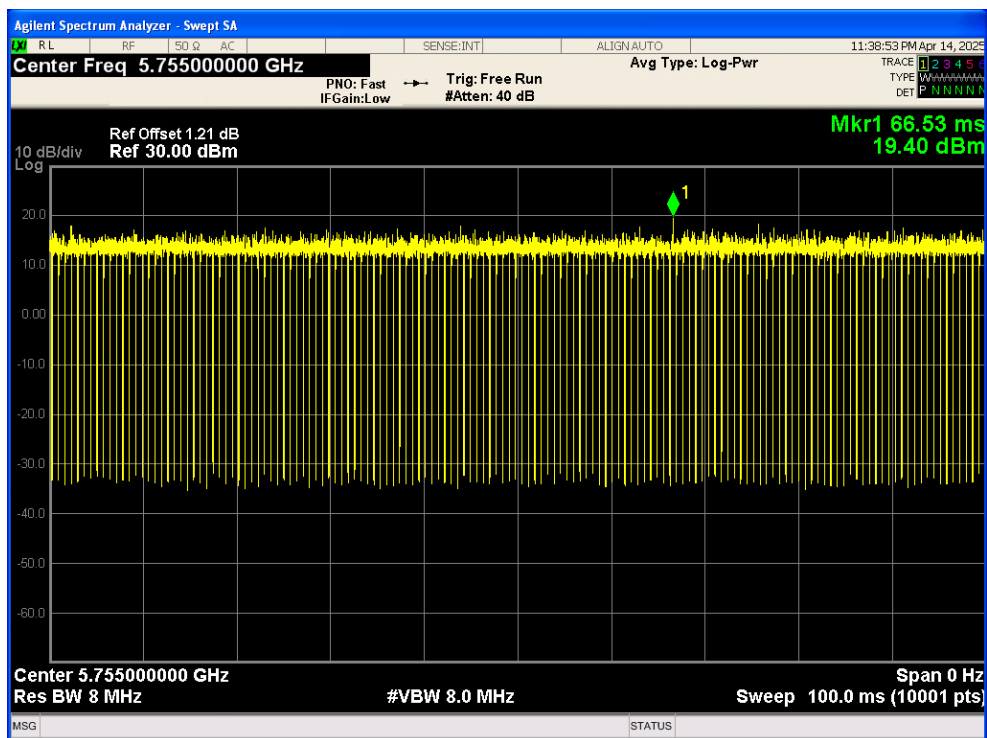
Duty Cycle NVNT ac20 5785MHz Ant1



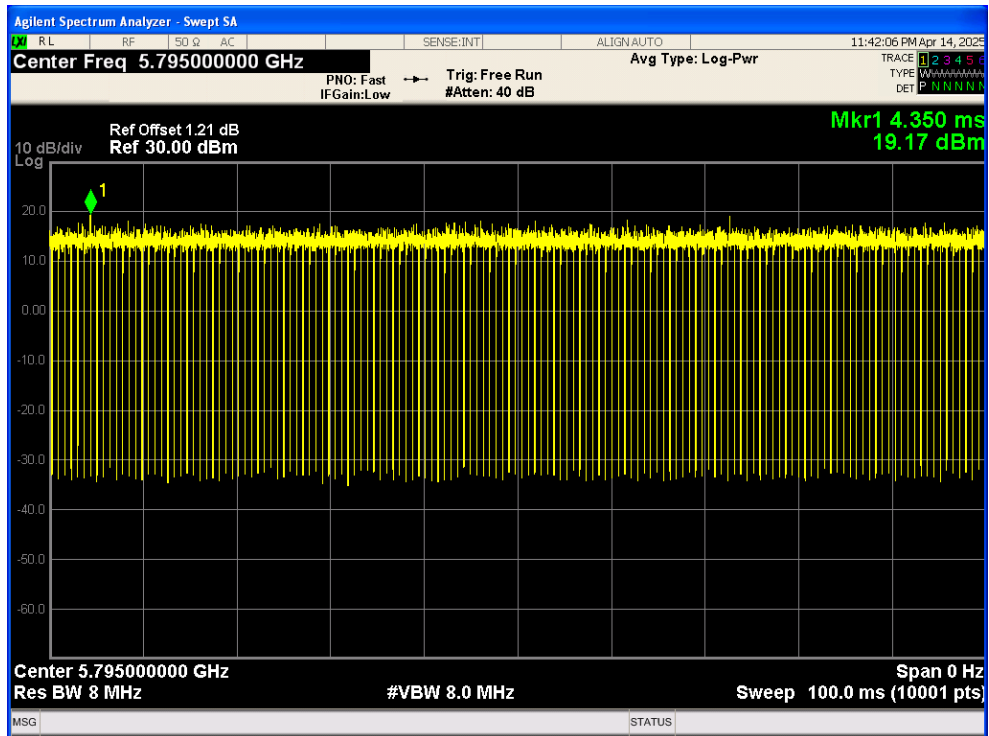
Duty Cycle NVNT ac20 5825MHz Ant1



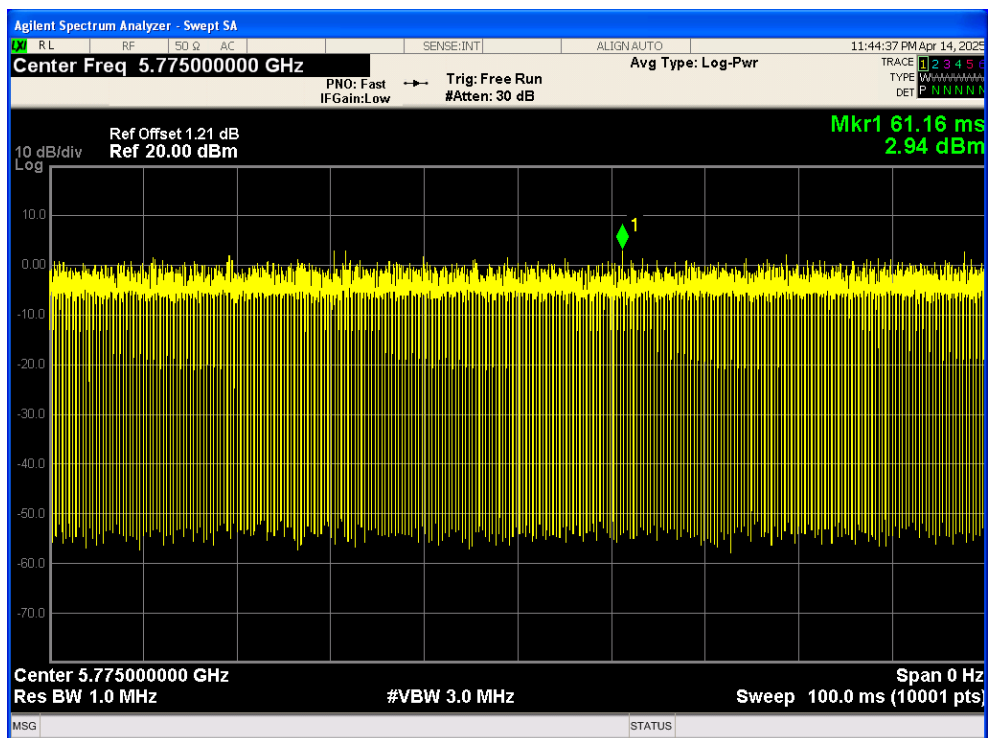
Duty Cycle NVNT ac40 5755MHz Ant1



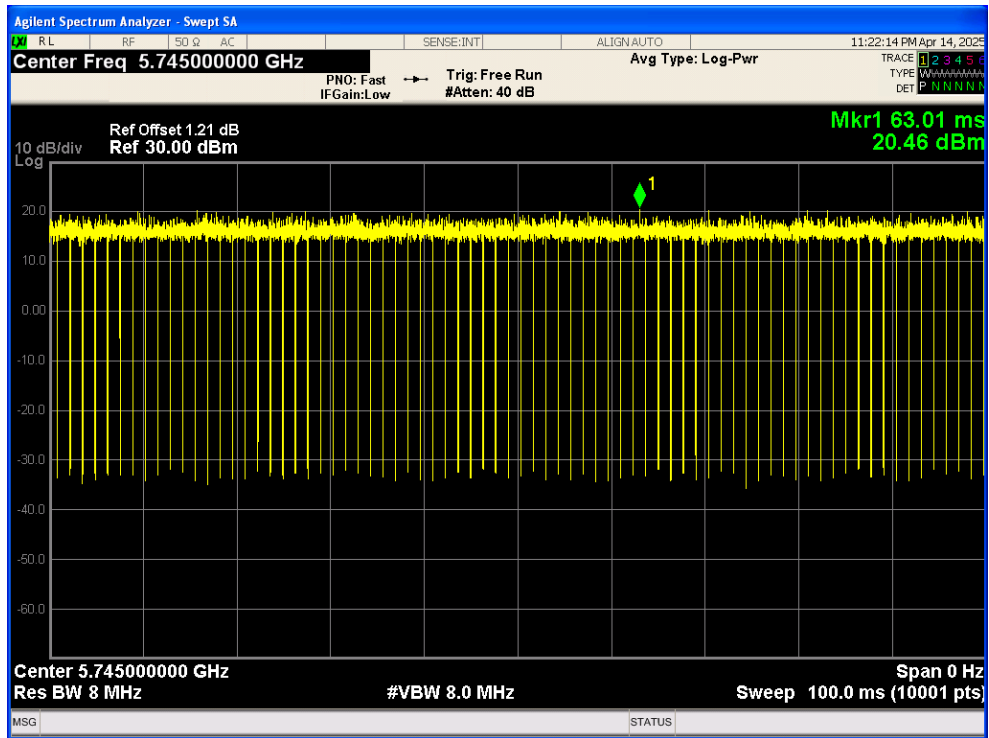
Duty Cycle NVNT ac40 5795MHz Ant1



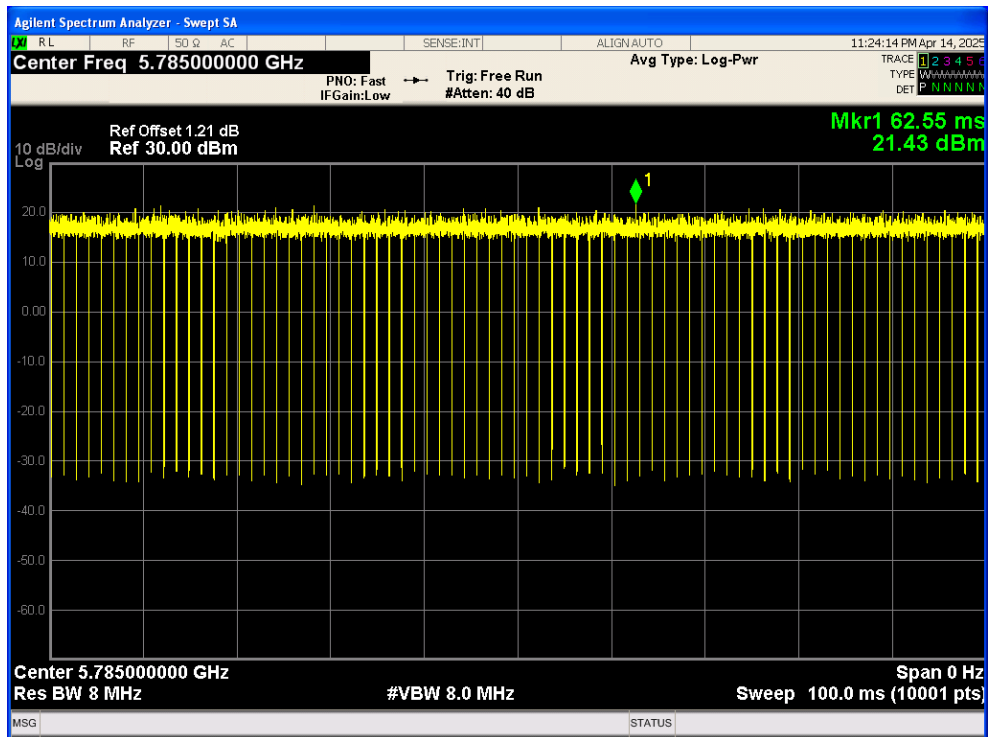
Duty Cycle NVNT ac80 5775MHz Ant1



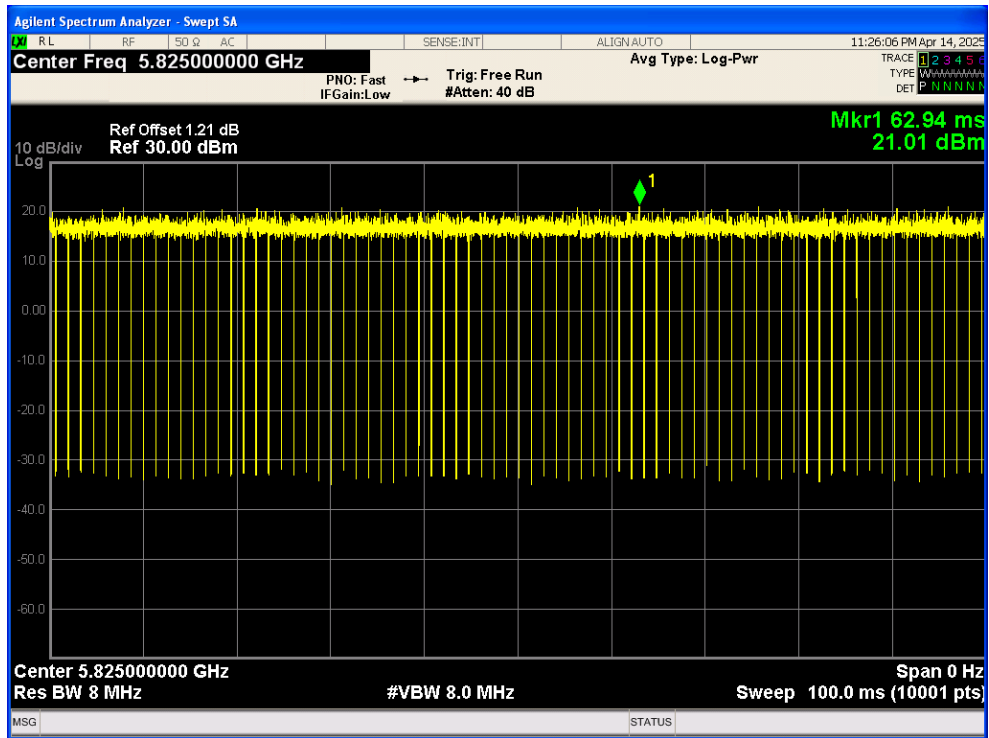
Duty Cycle NVNT n20 5745MHz Ant1



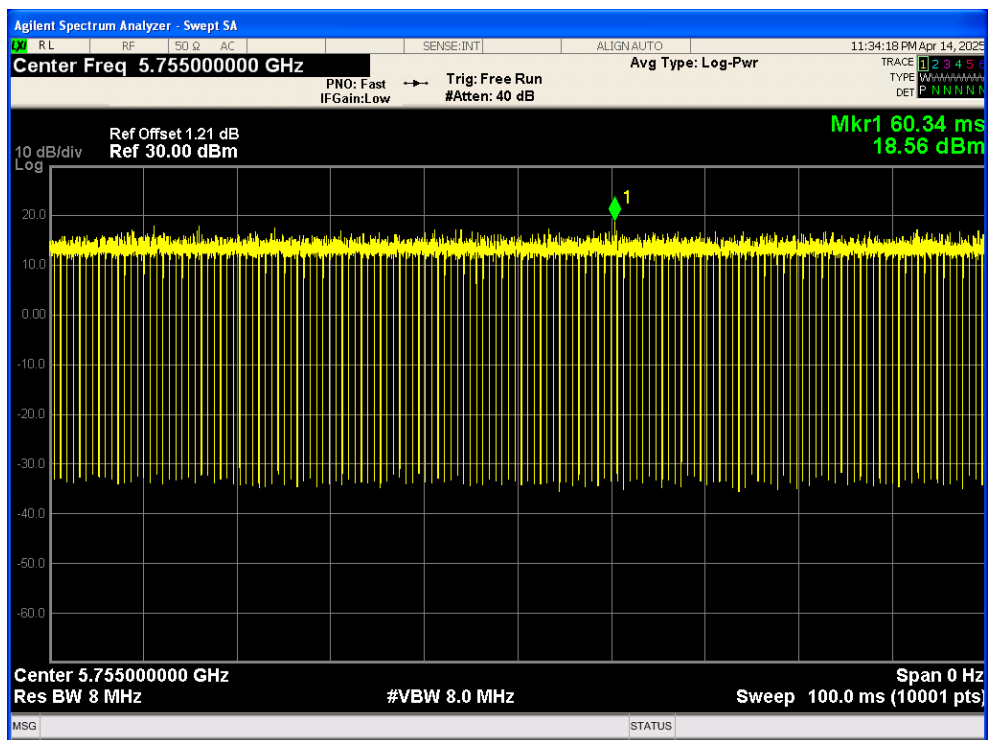
Duty Cycle NVNT n20 5785MHz Ant1



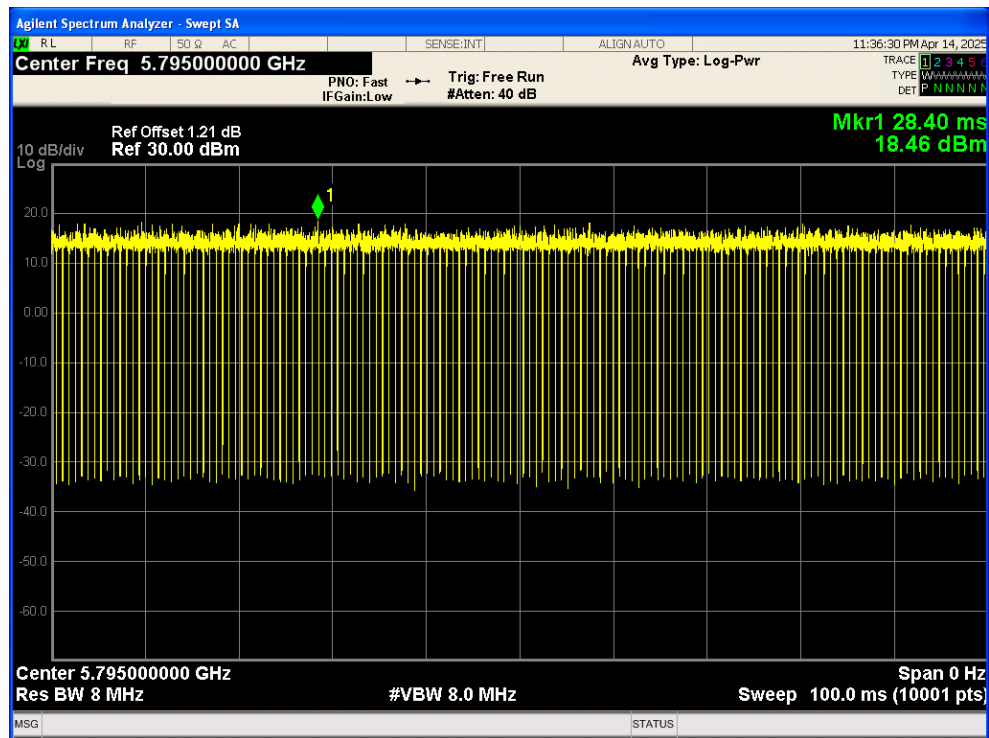
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



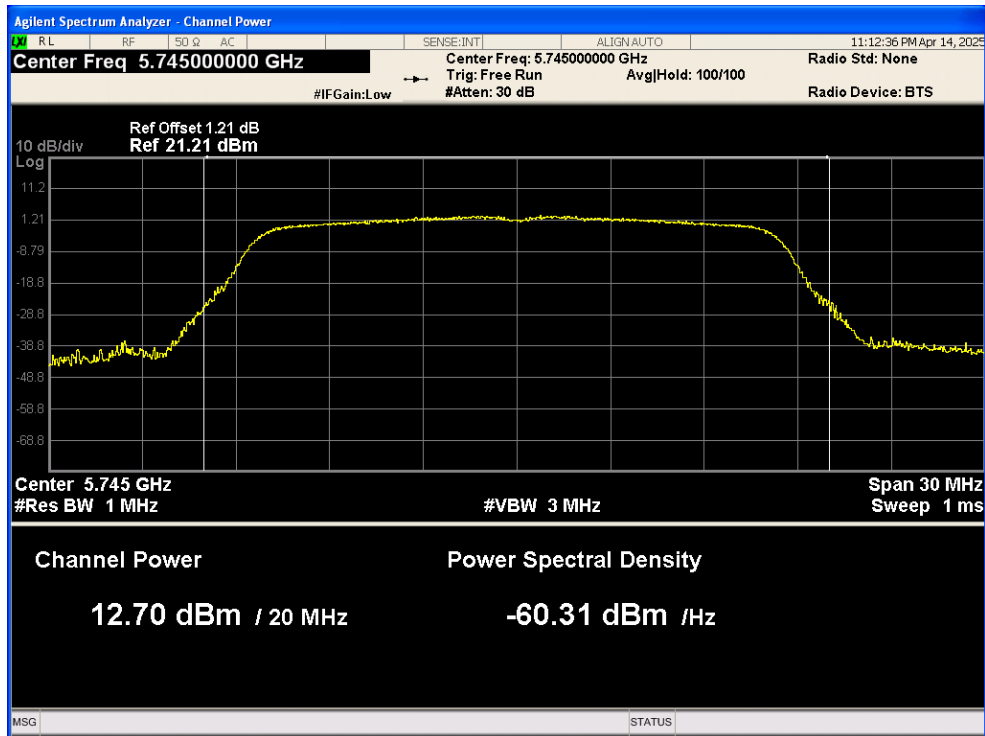
Duty Cycle NVNT n40 5795MHz Ant1



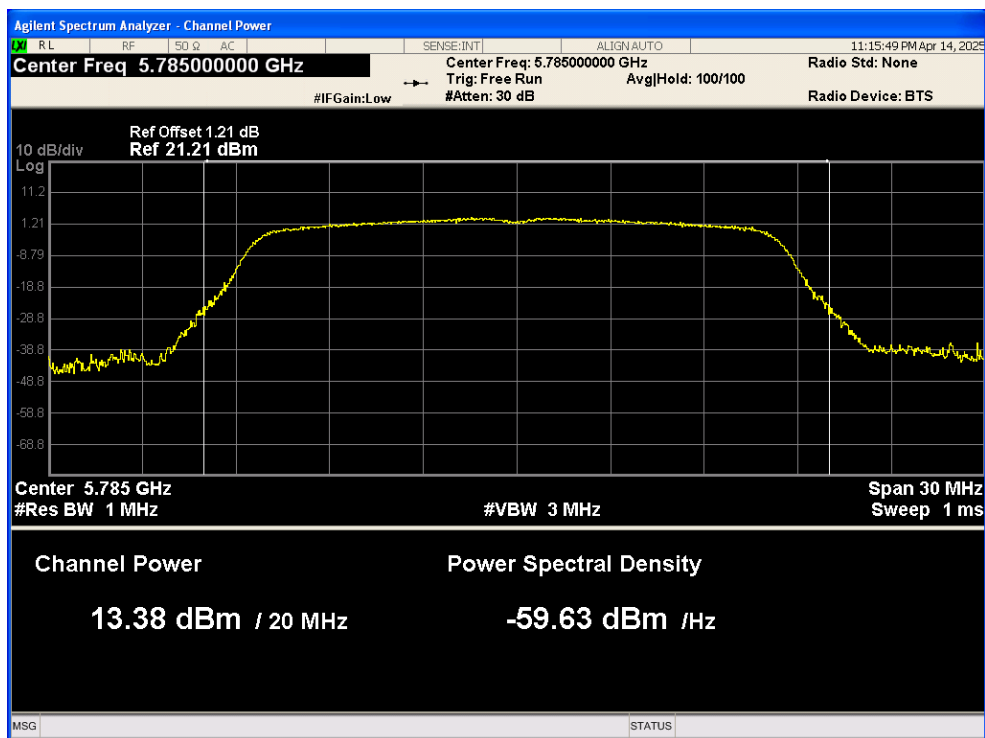
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.703	0.08	12.783	30	Pass
NVNT	a	5785	Ant1	13.382	0.08	13.462	30	Pass
NVNT	a	5825	Ant1	13.379	0.08	13.459	30	Pass
NVNT	ac20	5745	Ant1	11.698	0.08	11.778	30	Pass
NVNT	ac20	5785	Ant1	12.306	0.08	12.386	30	Pass
NVNT	ac20	5825	Ant1	12.172	0.08	12.252	30	Pass
NVNT	ac40	5755	Ant1	11.833	0.16	11.993	30	Pass
NVNT	ac40	5795	Ant1	12.329	0.16	12.489	30	Pass
NVNT	ac80	5775	Ant1	11.783	0.57	12.353	30	Pass
NVNT	n20	5745	Ant1	11.627	0.08	11.707	30	Pass
NVNT	n20	5785	Ant1	12.234	0.08	12.314	30	Pass
NVNT	n20	5825	Ant1	12.225	0.09	12.315	30	Pass
NVNT	n40	5755	Ant1	11.883	0.16	12.043	30	Pass
NVNT	n40	5795	Ant1	12.312	0.16	12.472	30	Pass

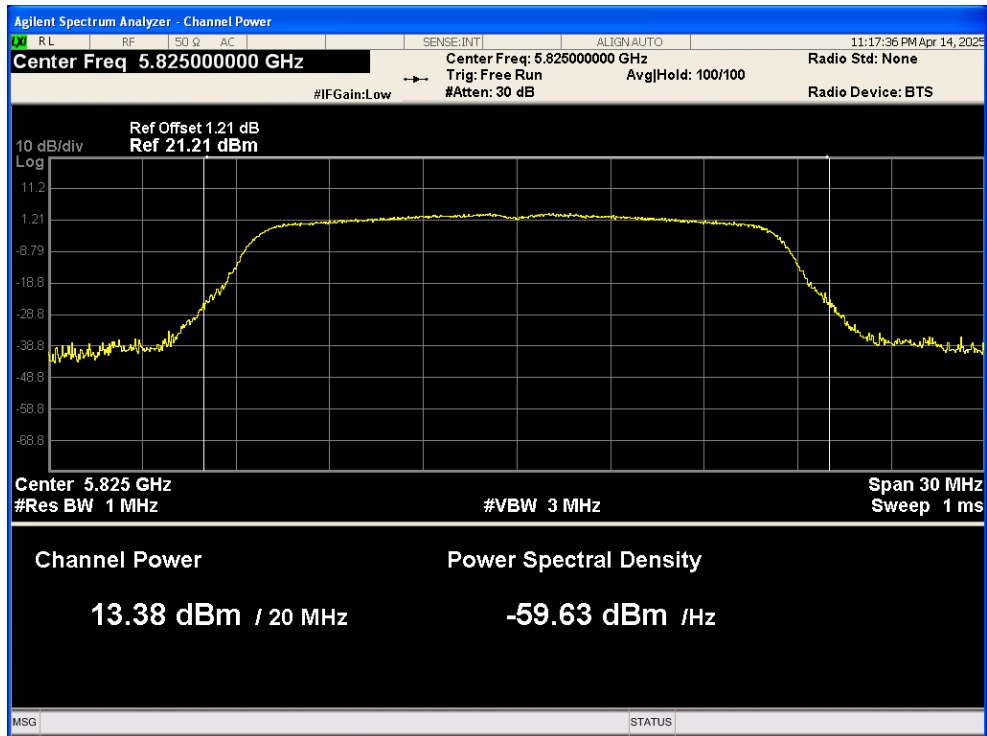
Power NVNT a 5745MHz Ant1



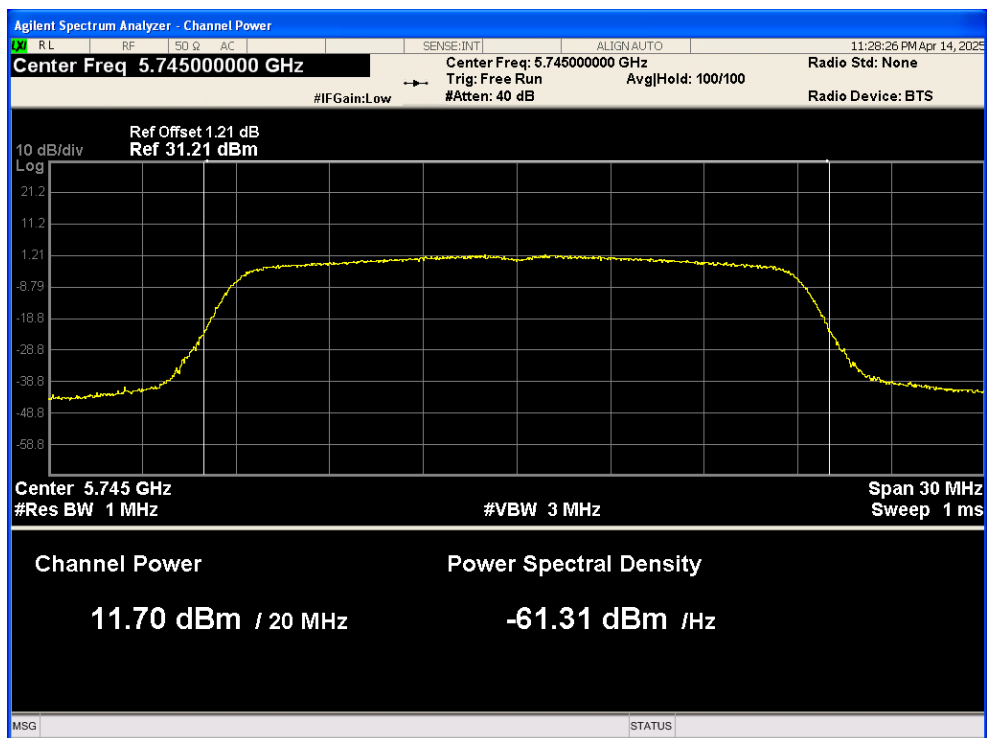
Power NVNT a 5785MHz Ant1



Power NVNT a 5825MHz Ant1



Power NVNT ac20 5745MHz Ant1



Power NVNT ac20 5785MHz Ant1