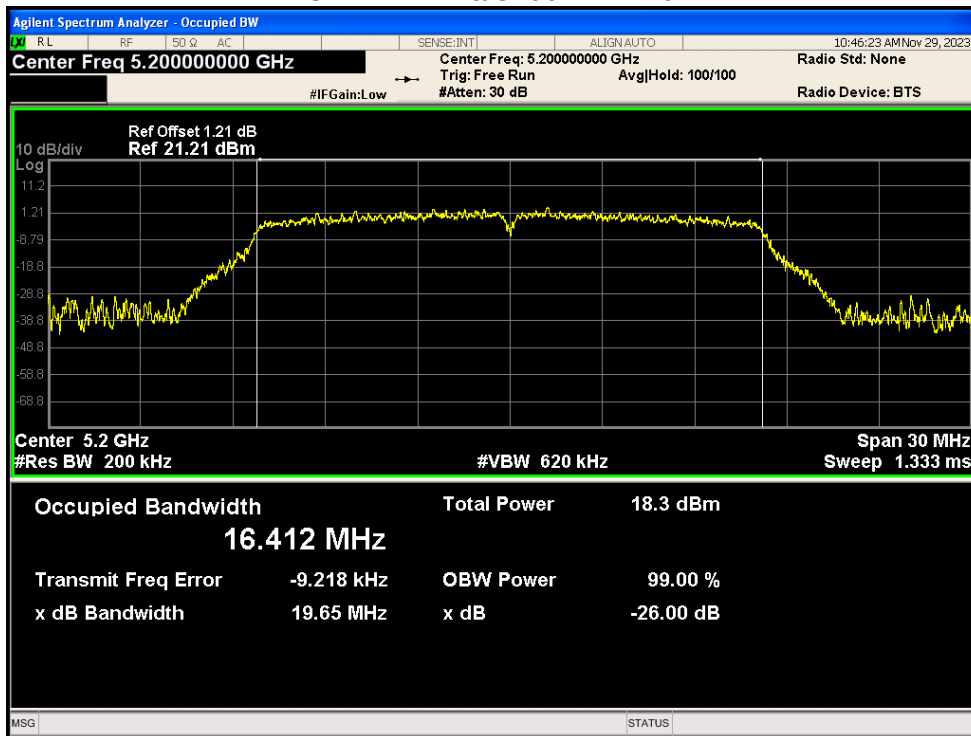
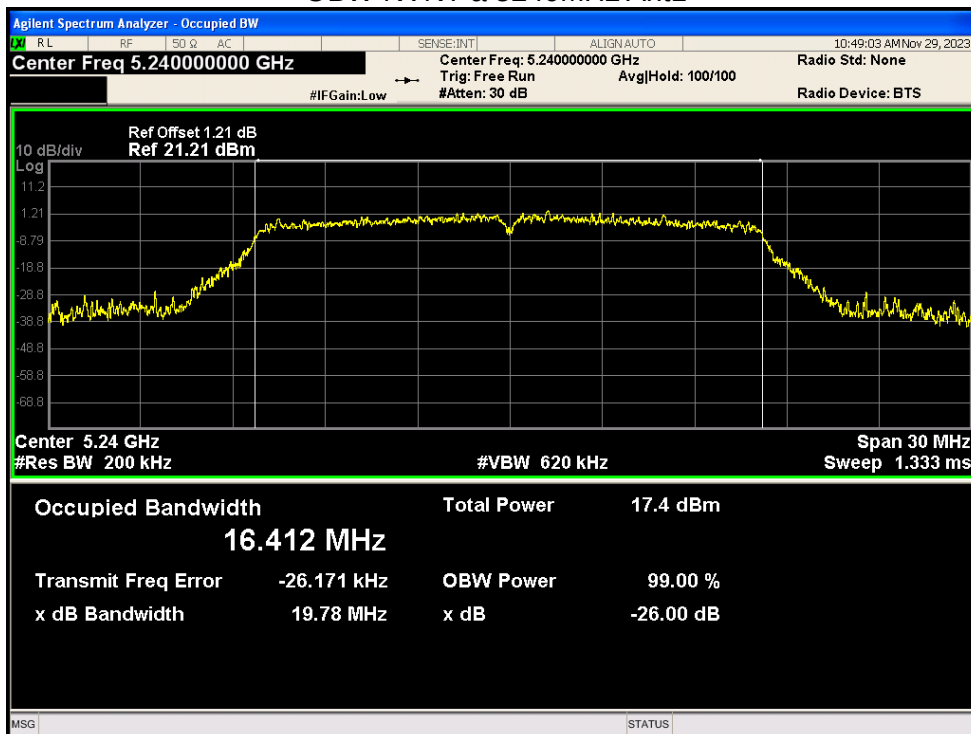


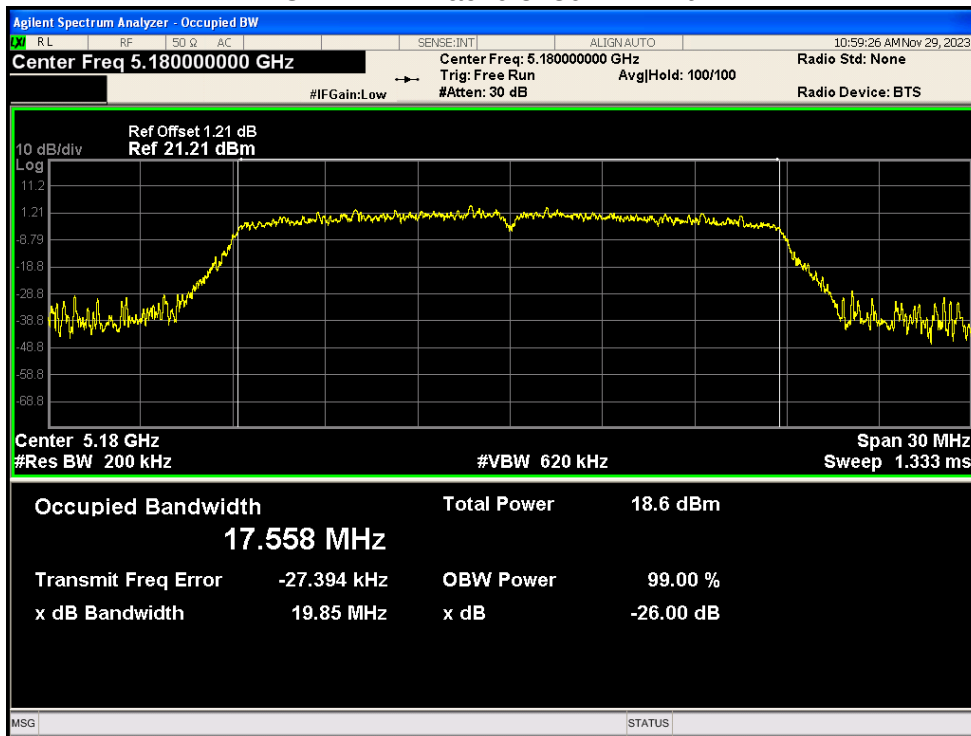
OBW NVNT a 5200MHz Ant1



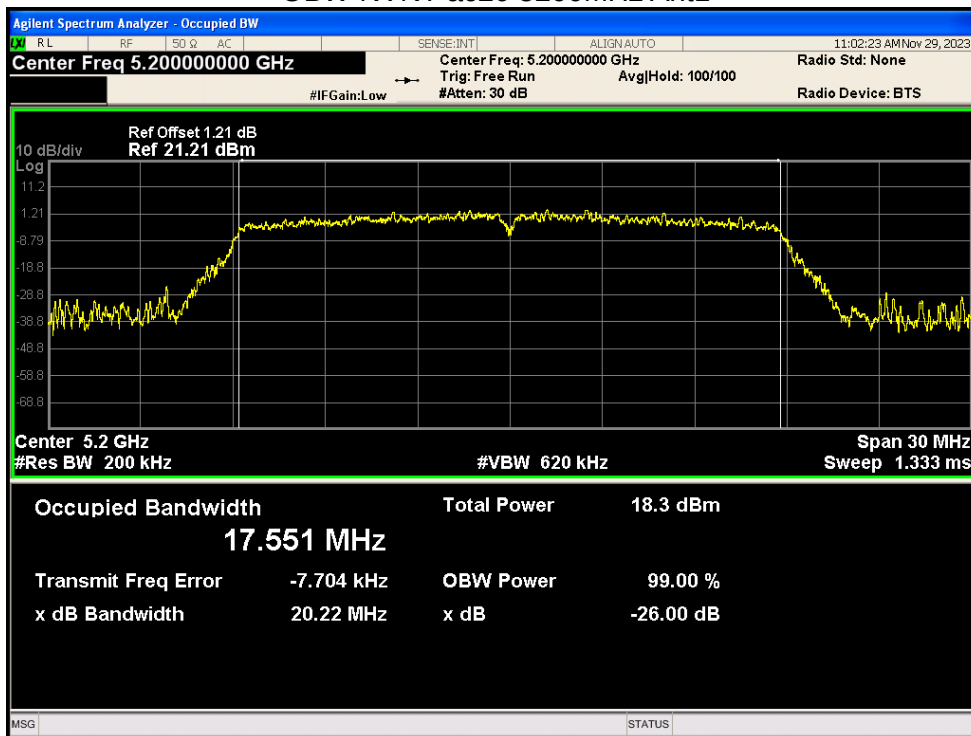
OBW NVNT a 5240MHz Ant1



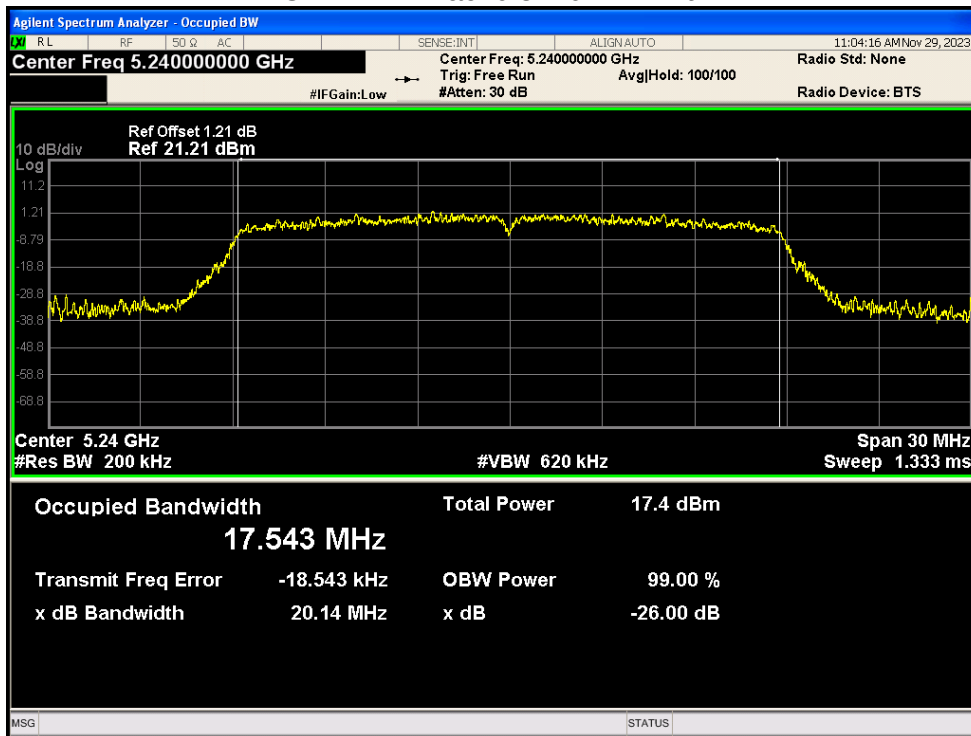
OBW NVNT ac20 5180MHz Ant1



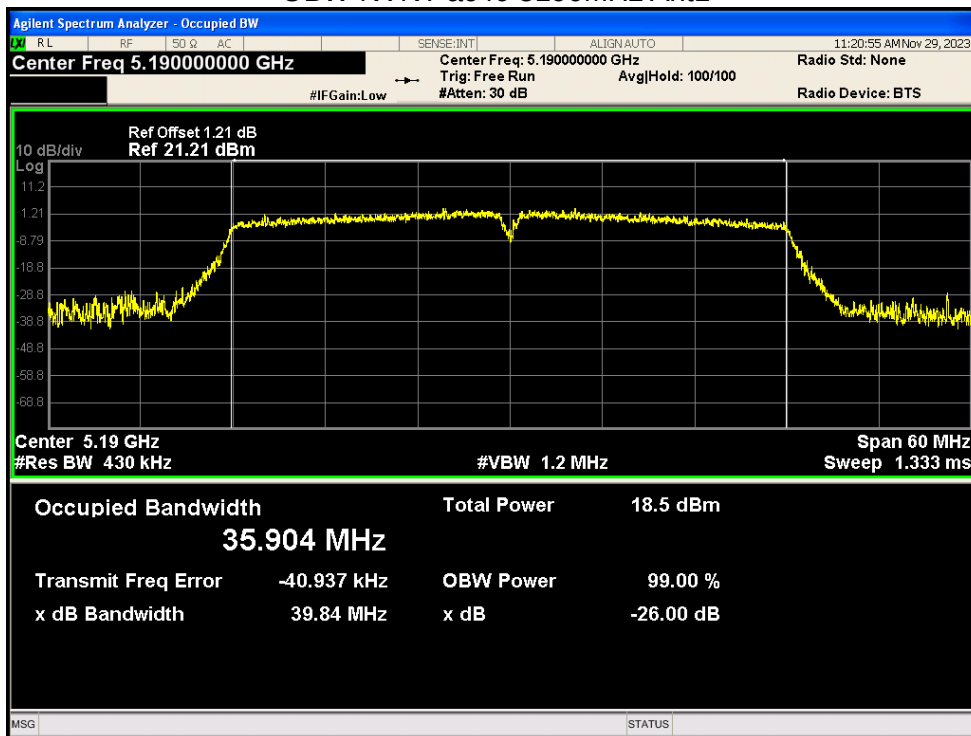
OBW NVNT ac20 5200MHz Ant1



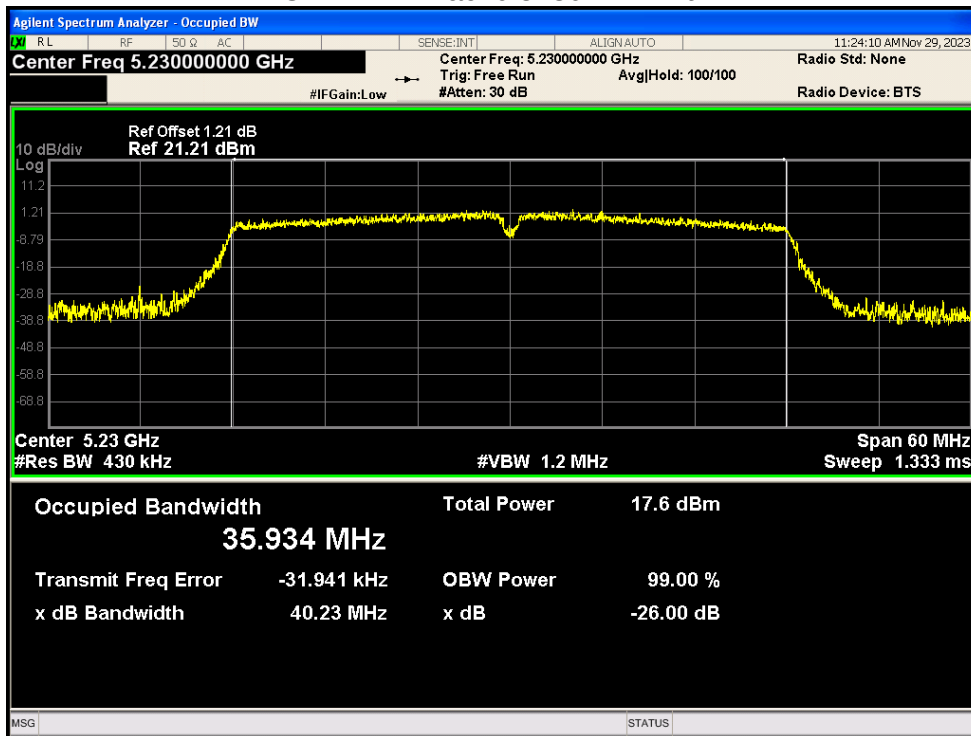
OBW NVNT ac20 5240MHz Ant1



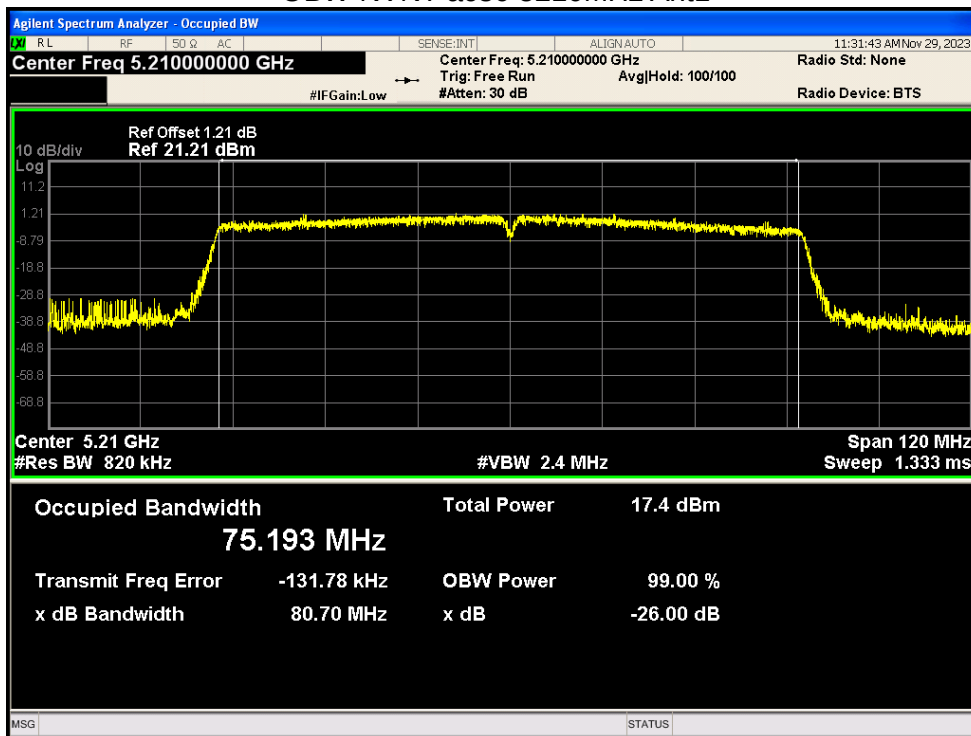
OBW NVNT ac40 5190MHz Ant1



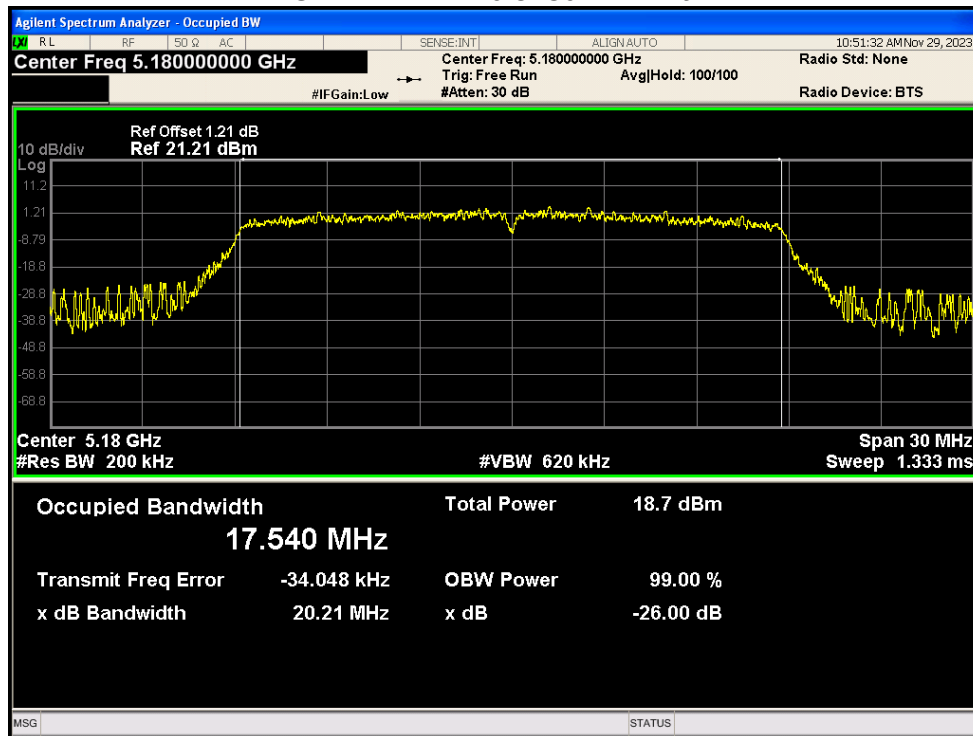
OBW NVNT ac40 5230MHz Ant1



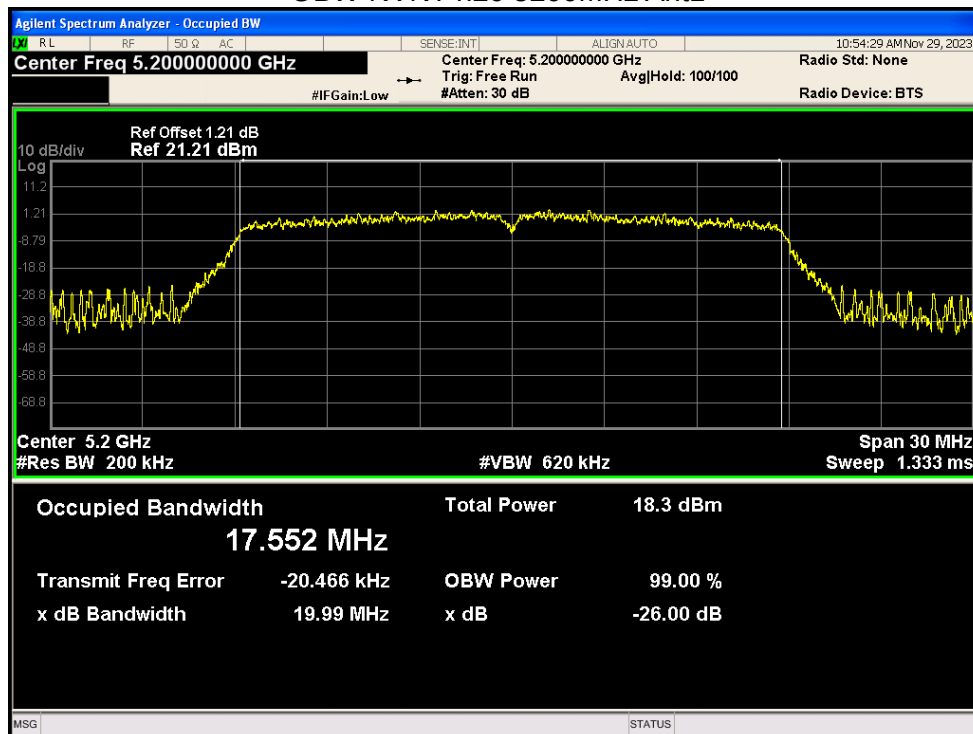
OBW NVNT ac80 5210MHz Ant1



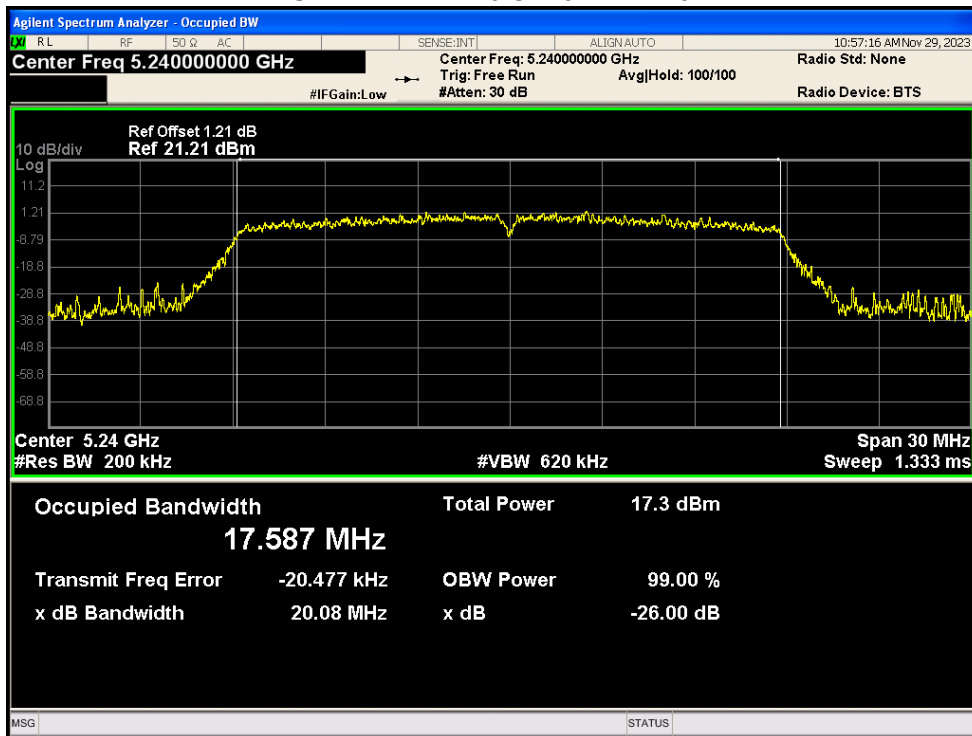
OBW NVNT n20 5180MHz Ant1



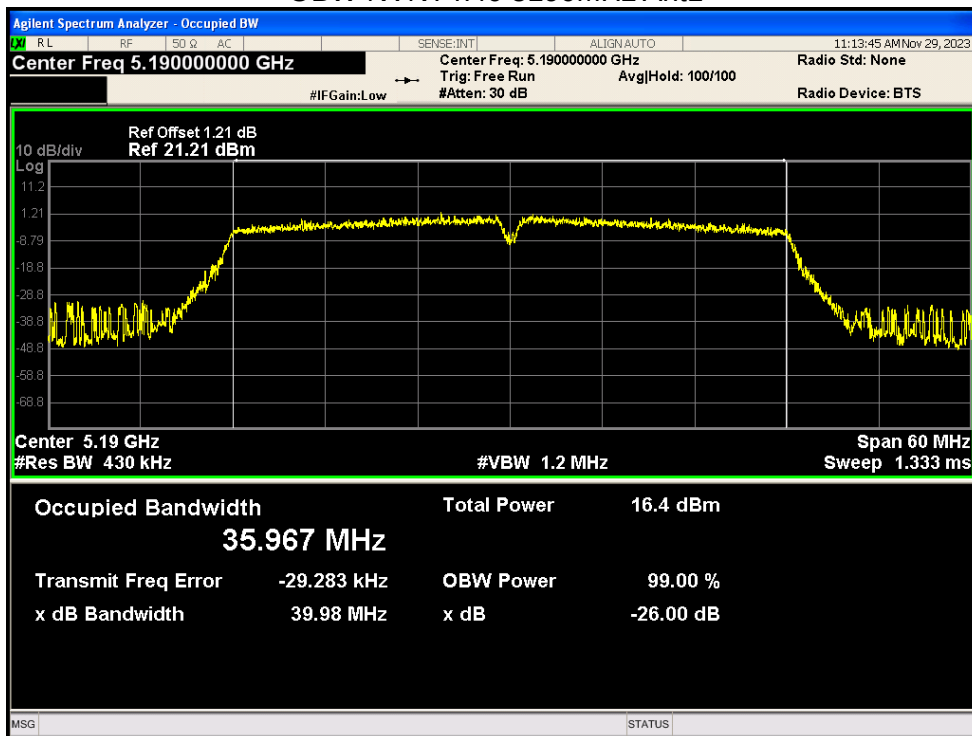
OBW NVNT n20 5200MHz Ant1



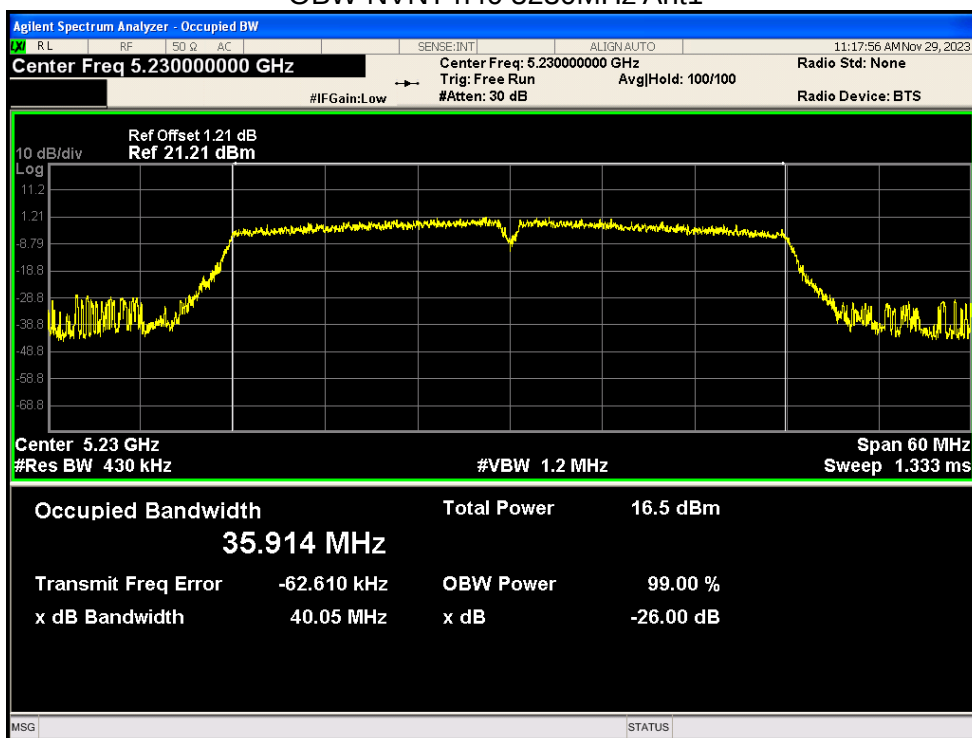
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



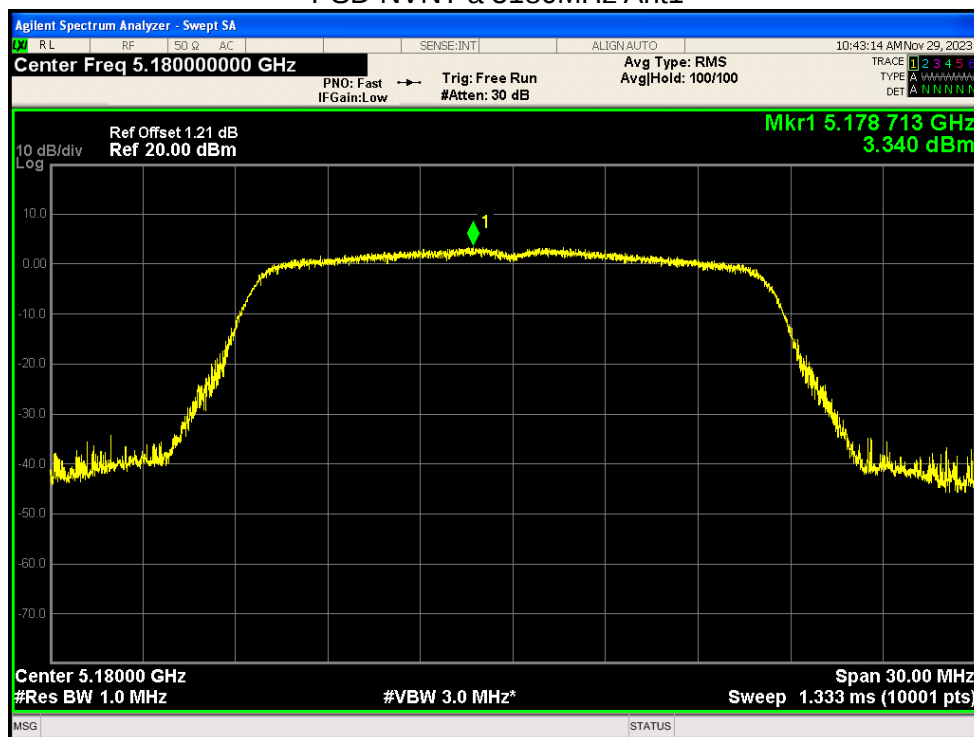
OBW NVNT n40 5230MHz Ant1



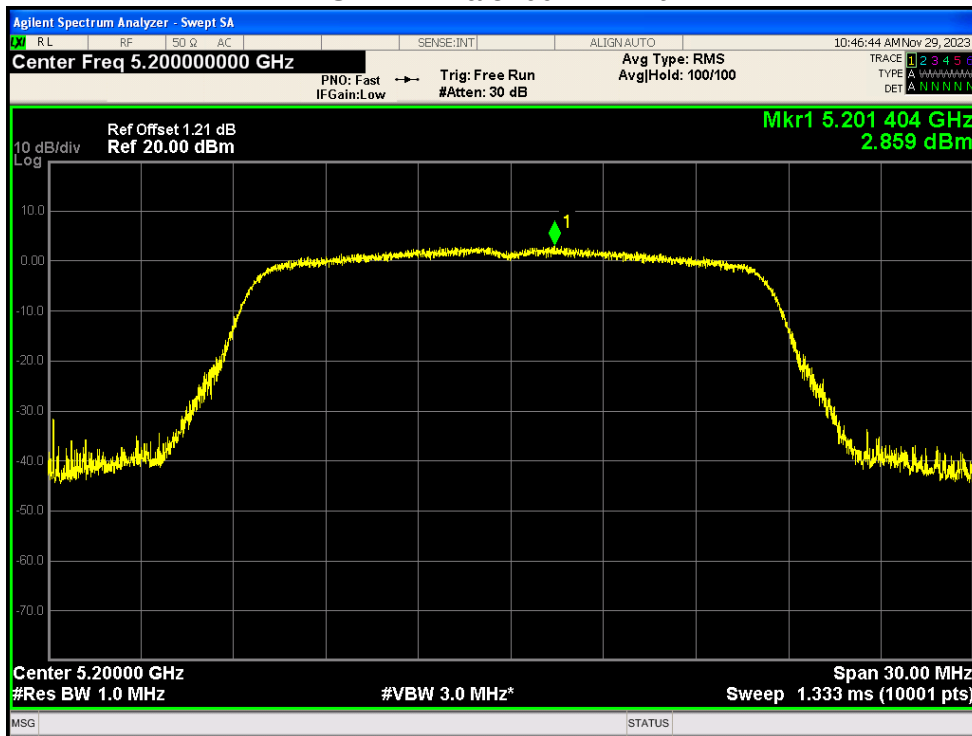
5.1.5 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total Max PSD (dBm/MHz)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	3.34	0.08	3.42	11	Pass
NVNT	a	5200	Ant1	2.859	0.08	2.939	11	Pass
NVNT	a	5240	Ant1	2.309	0.08	2.389	11	Pass
NVNT	ac20	5180	Ant1	3.233	0.08	3.313	11	Pass
NVNT	ac20	5200	Ant1	2.46	0.08	2.54	11	Pass
NVNT	ac20	5240	Ant1	1.887	0.08	1.967	11	Pass
NVNT	ac40	5190	Ant1	-0.025	0.2	0.175	11	Pass
NVNT	ac40	5230	Ant1	-1.164	0.24	-0.924	11	Pass
NVNT	ac80	5210	Ant1	-5.588	0.97	-4.618	11	Pass
NVNT	n20	5180	Ant1	3.304	0.09	3.394	11	Pass
NVNT	n20	5200	Ant1	2.641	0.08	2.721	11	Pass
NVNT	n20	5240	Ant1	1.779	0.08	1.859	11	Pass
NVNT	n40	5190	Ant1	-2.507	0.24	-2.267	11	Pass
NVNT	n40	5230	Ant1	-2.436	0.23	-2.206	11	Pass

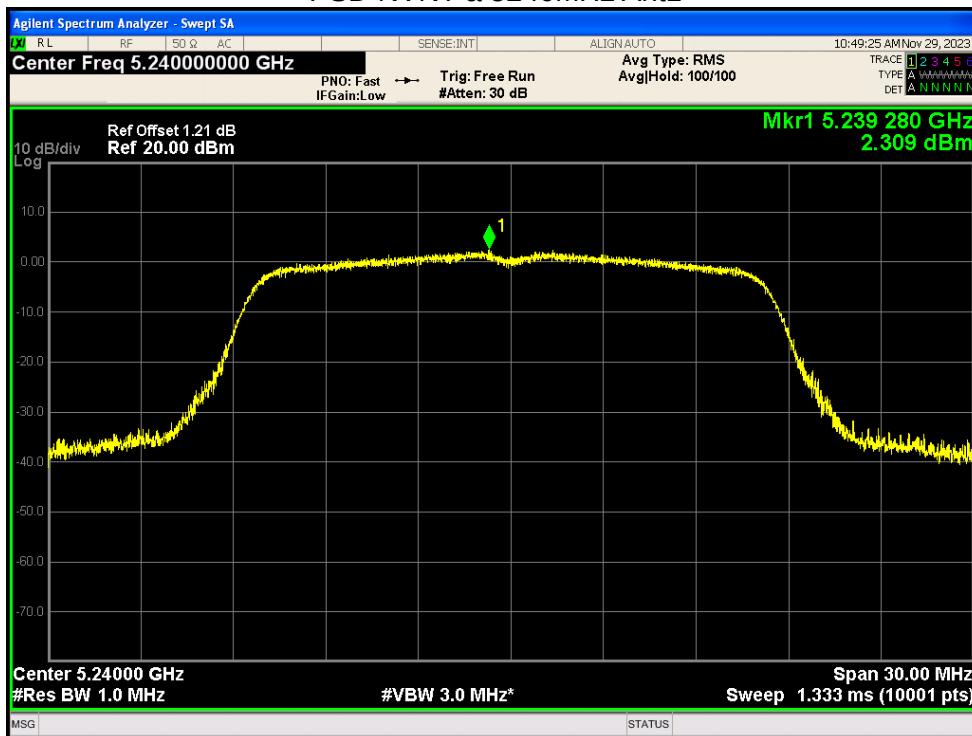
PSD NVNT a 5180MHz Ant1



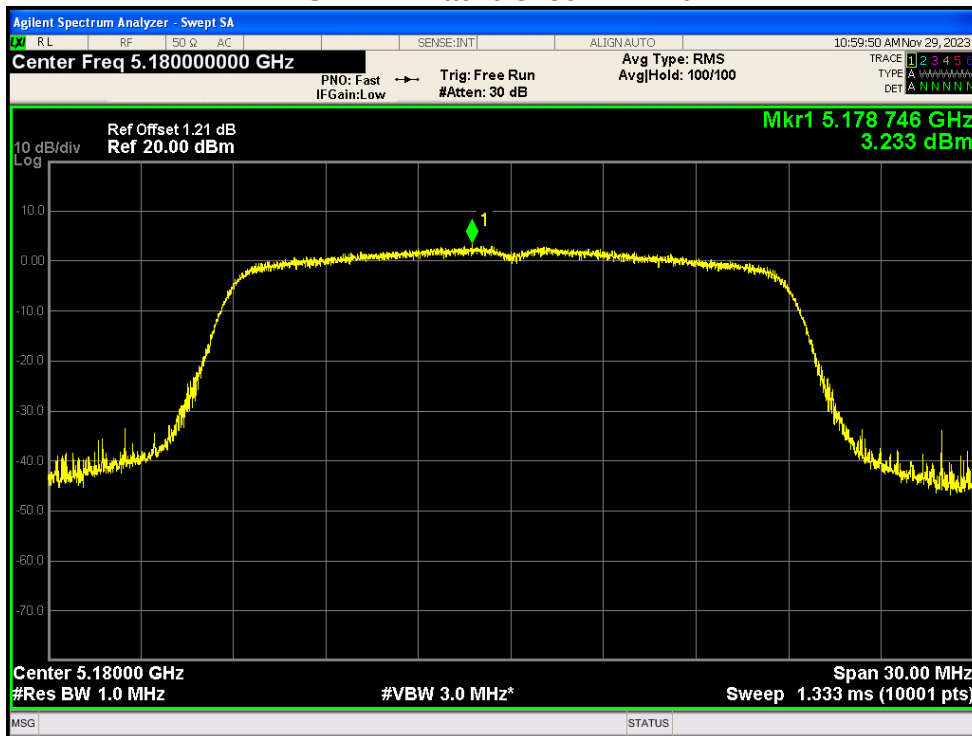
PSD NVNT a 5200MHz Ant1



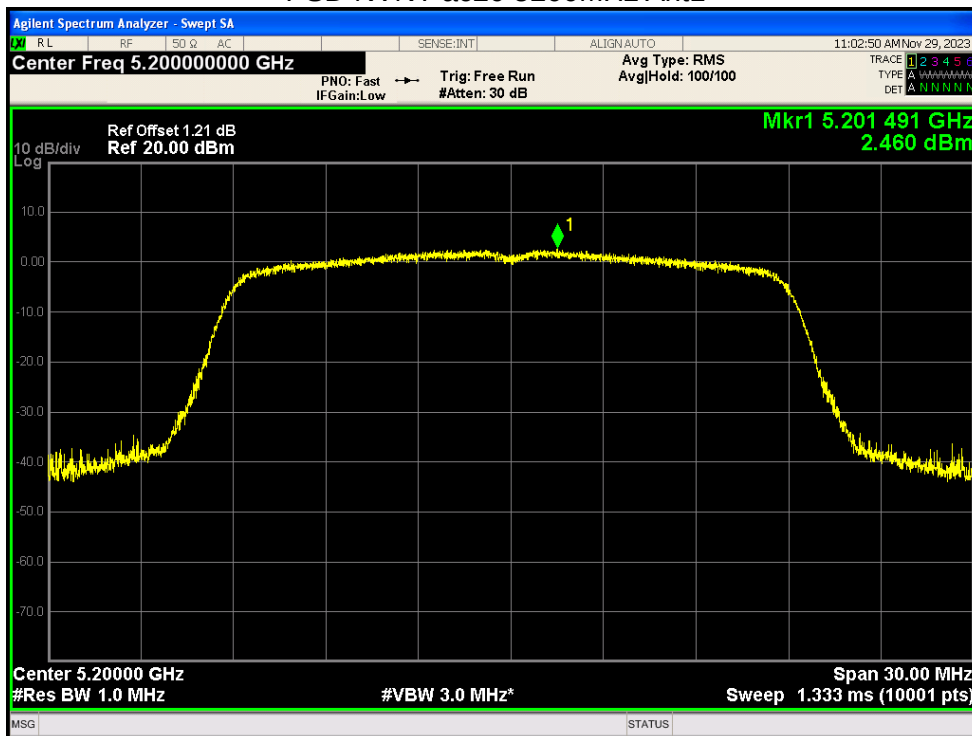
PSD NVNT a 5240MHz Ant1



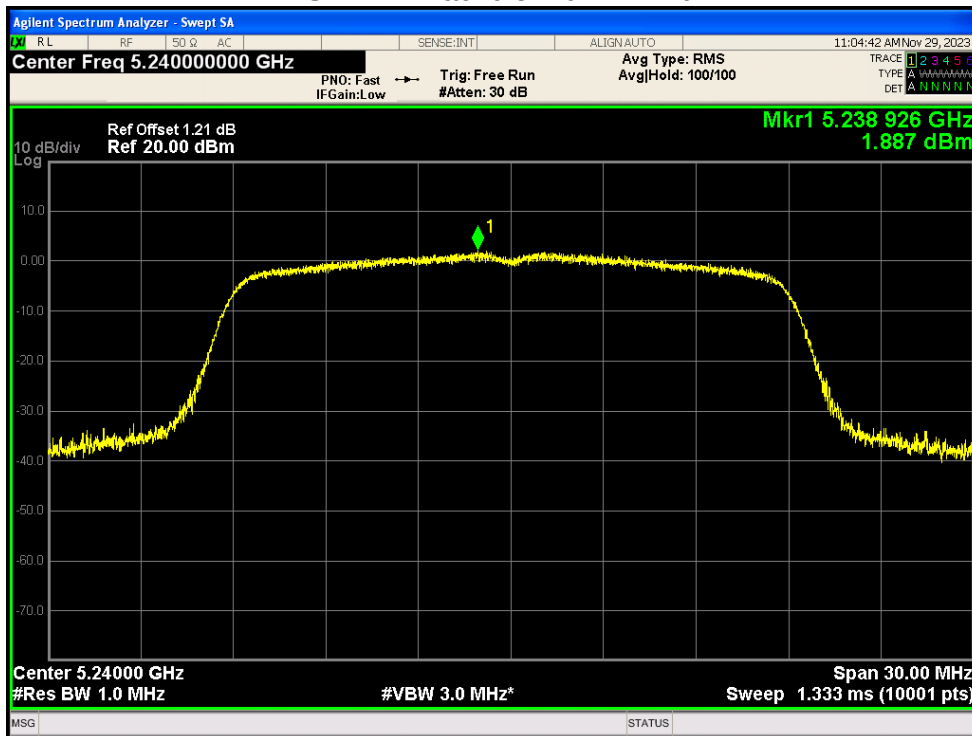
PSD NVNT ac20 5180MHz Ant1



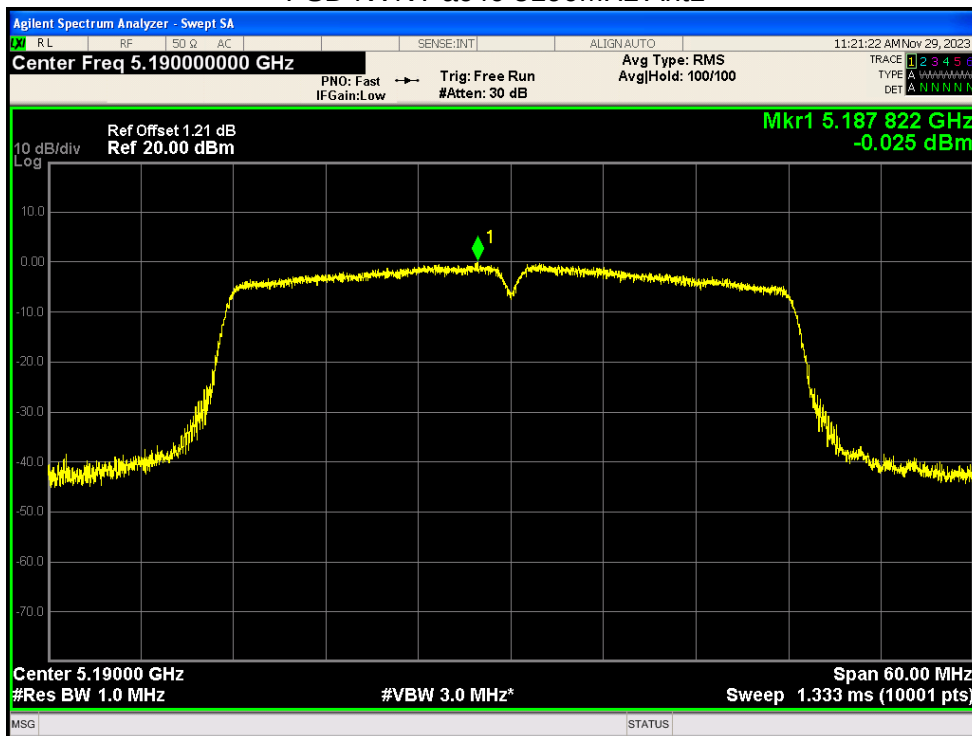
PSD NVNT ac20 5200MHz Ant1



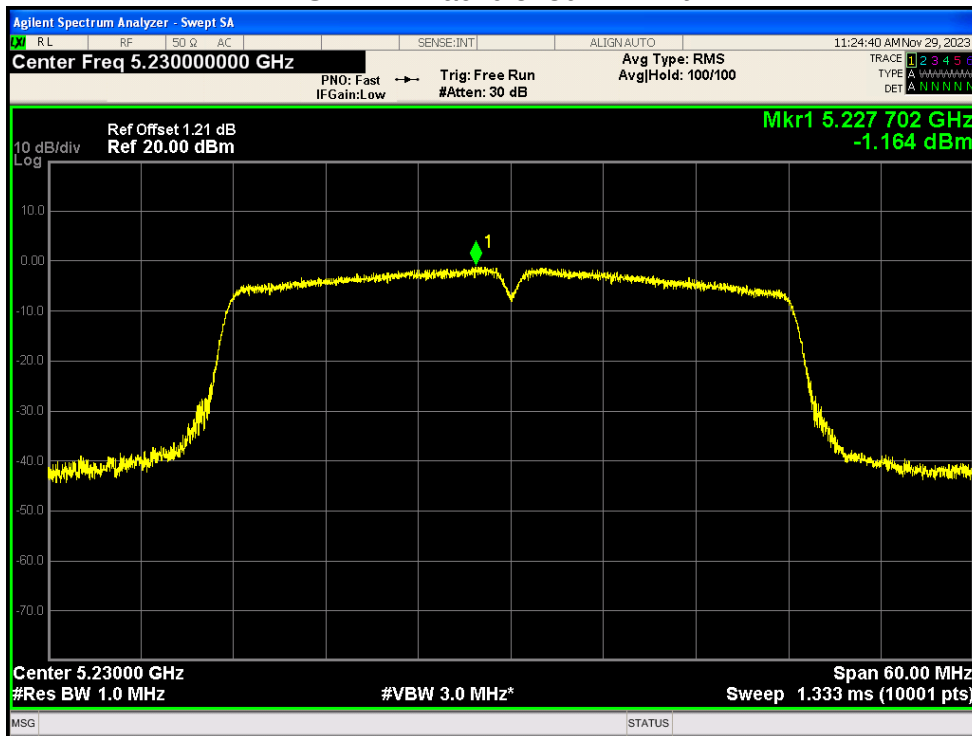
PSD NVNT ac20 5240MHz Ant1



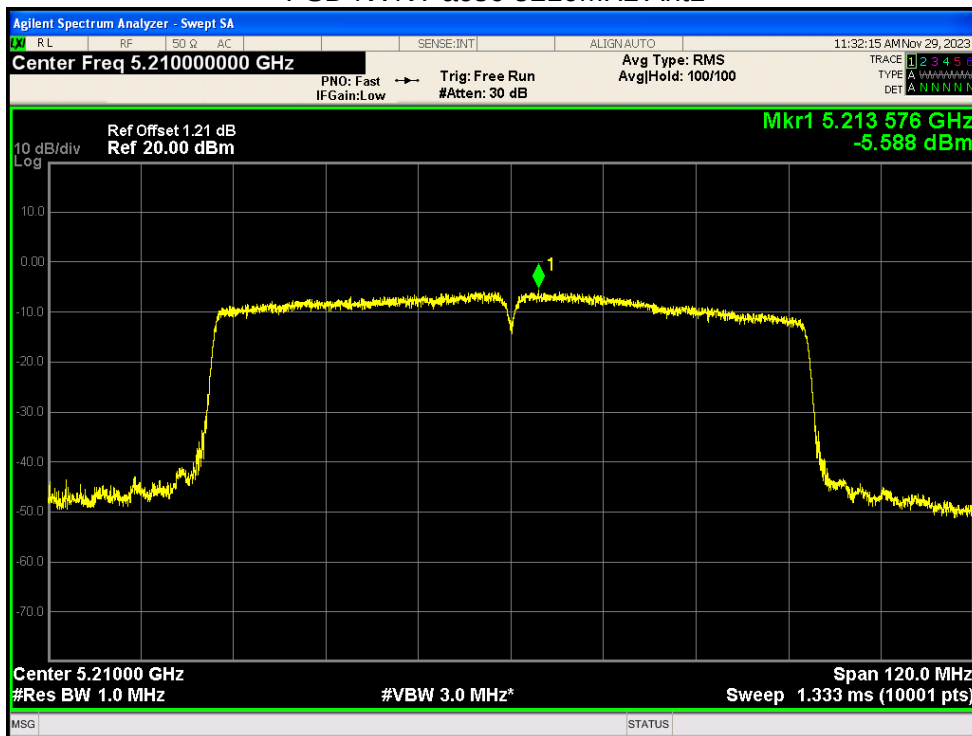
PSD NVNT ac40 5190MHz Ant1



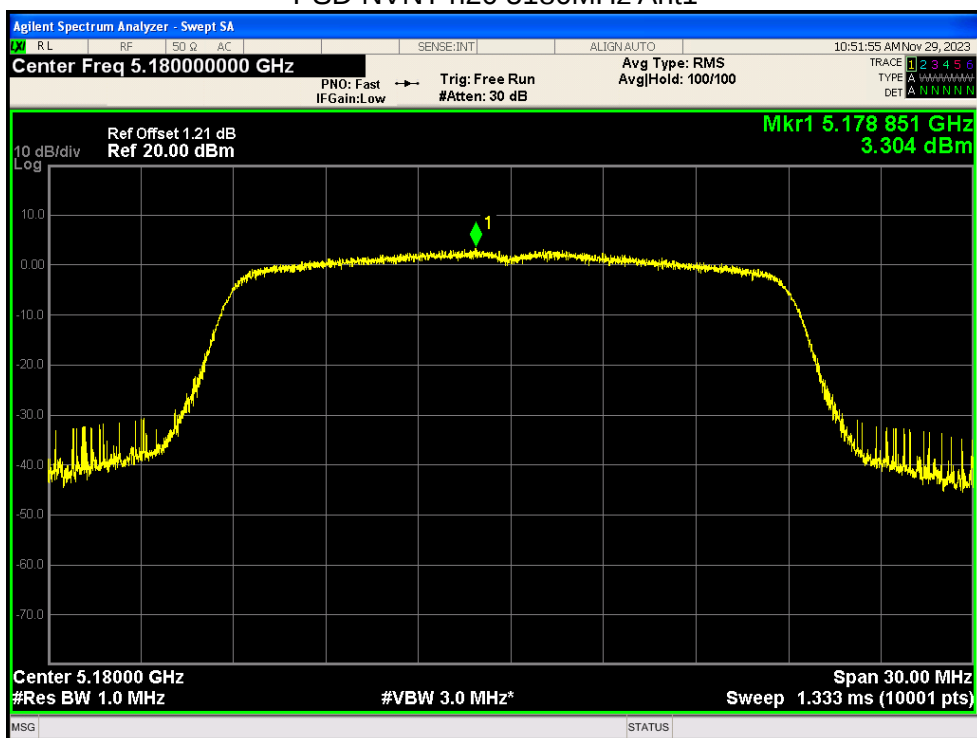
PSD NVNT ac40 5230MHz Ant1



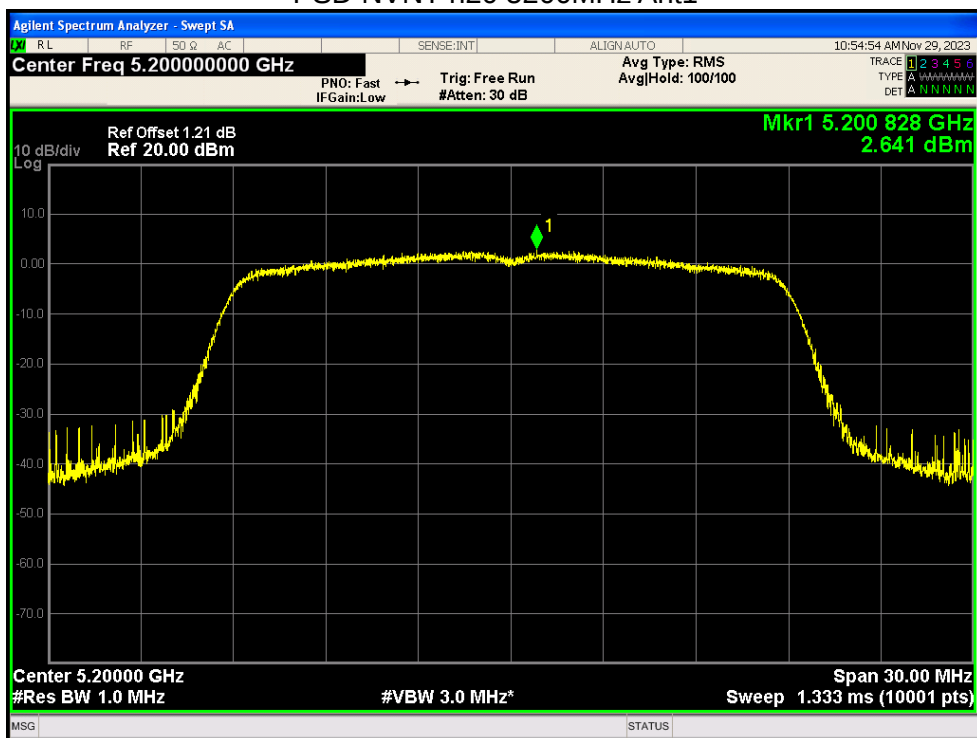
PSD NVNT ac80 5210MHz Ant1



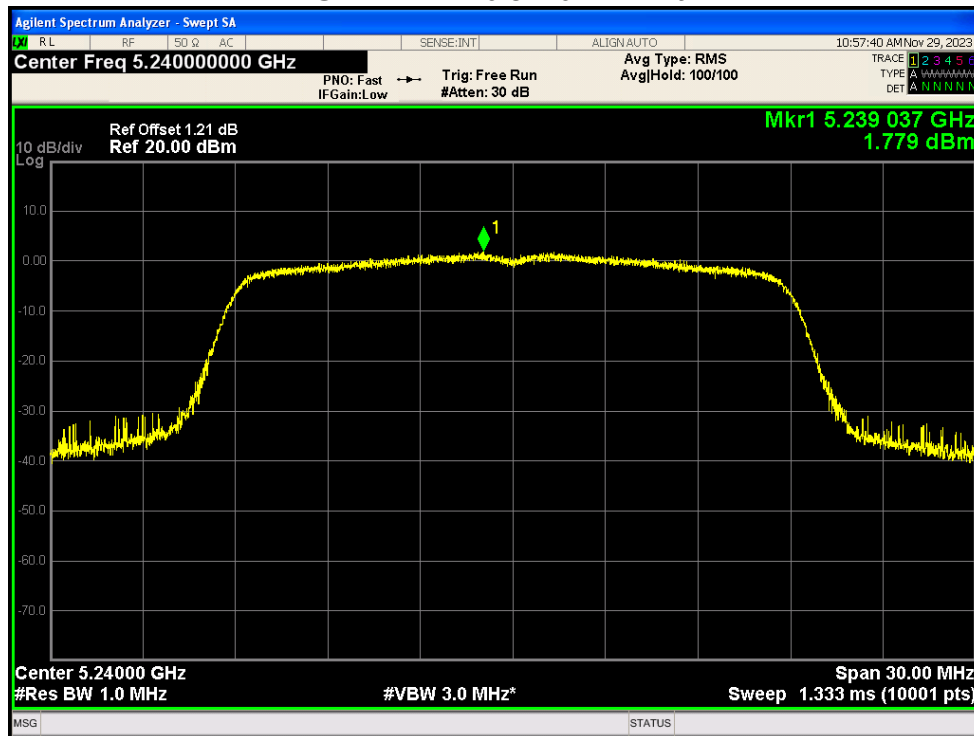
PSD NVNT n20 5180MHz Ant1



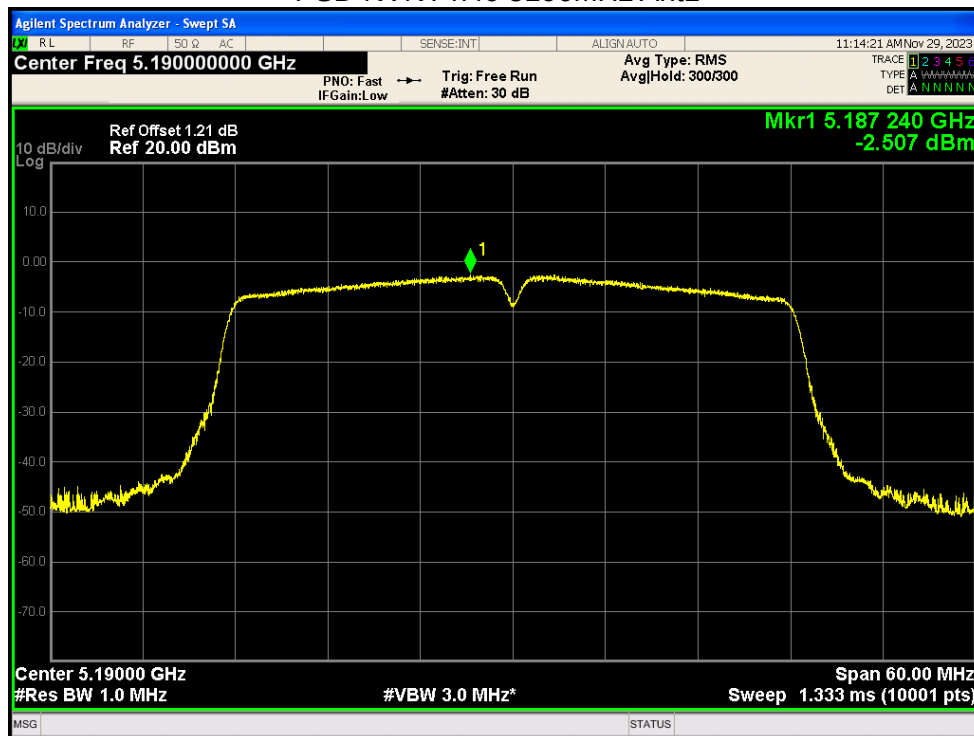
PSD NVNT n20 5200MHz Ant1



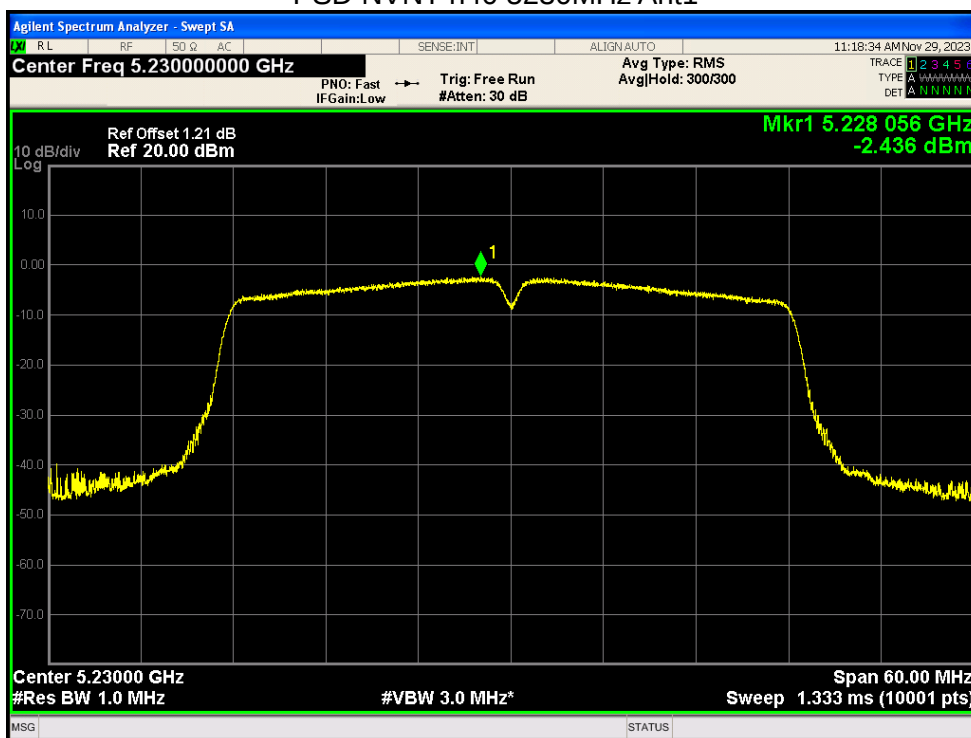
PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



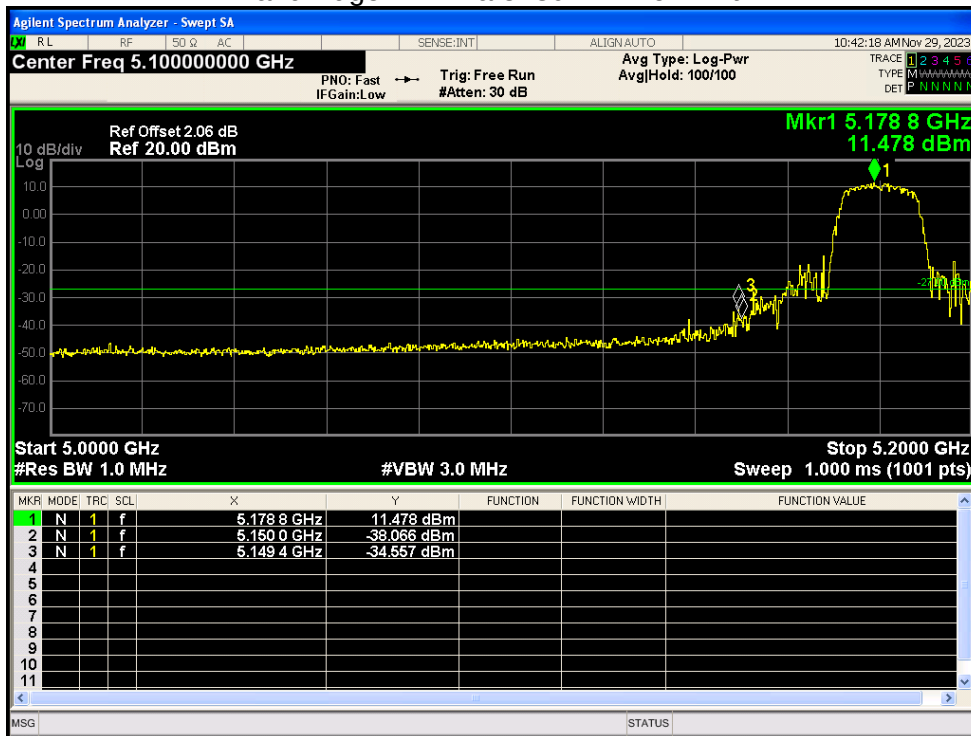
PSD NVNT n40 5230MHz Ant1



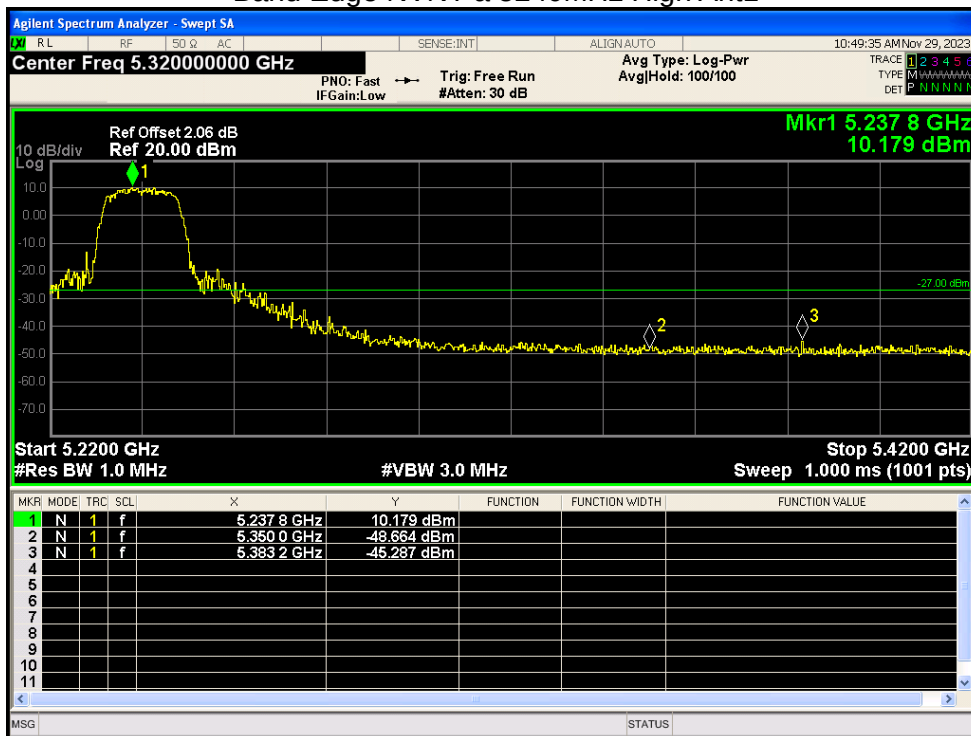
5.1.6 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.55	-27	Pass
NVNT	a	5240	Ant1	-45.28	-27	Pass
NVNT	ac20	5180	Ant1	-34.59	-27	Pass
NVNT	ac20	5240	Ant1	-46.25	-27	Pass
NVNT	ac40	5190	Ant1	-28.75	-27	Pass
NVNT	ac40	5230	Ant1	-45.76	-27	Pass
NVNT	ac80	5210	Ant1	-46.55	-27	Pass
NVNT	n20	5180	Ant1	-30.24	-27	Pass
NVNT	n20	5240	Ant1	-46.07	-27	Pass
NVNT	n40	5190	Ant1	-28.25	-27	Pass
NVNT	n40	5230	Ant1	-45.29	-27	Pass

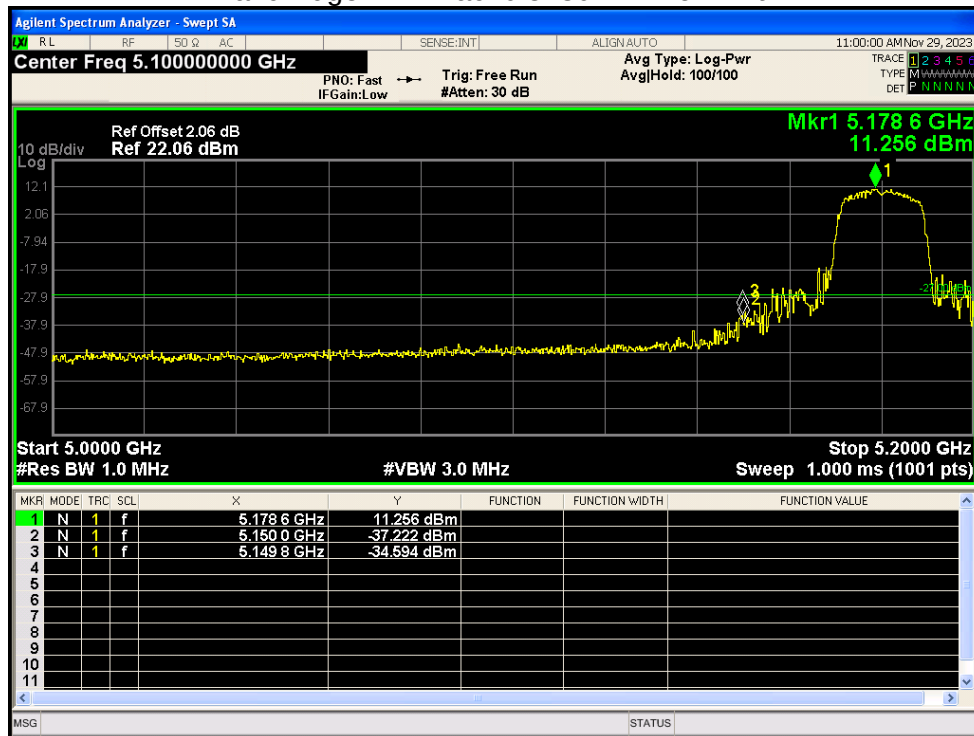
Band Edge NVNT a 5180MHz Low Ant1



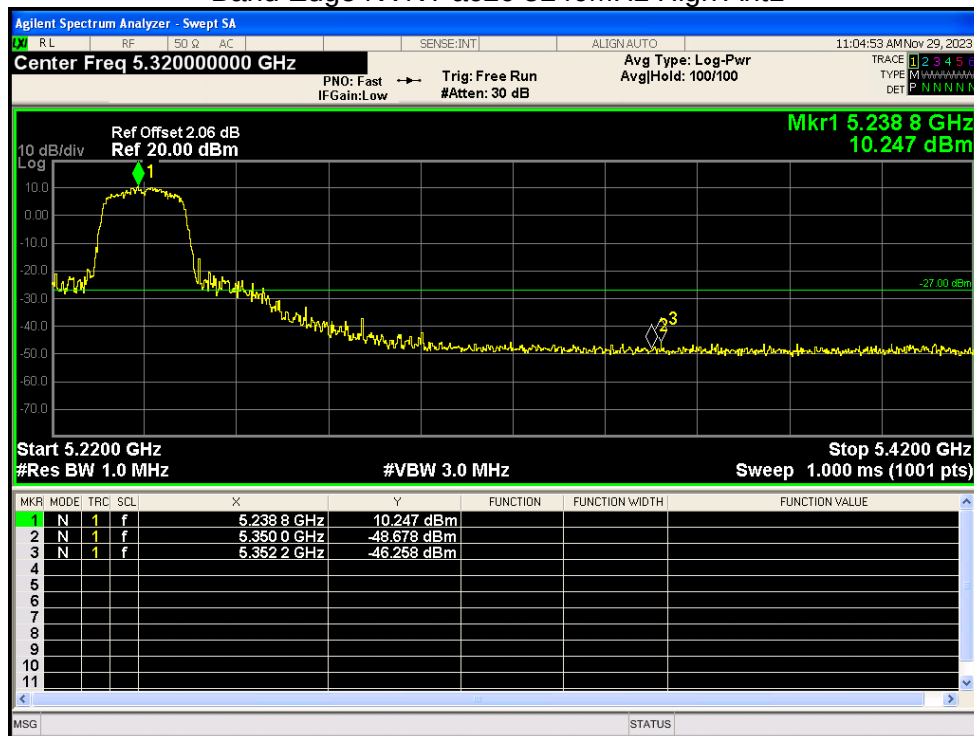
Band Edge NVNT a 5240MHz High Ant1



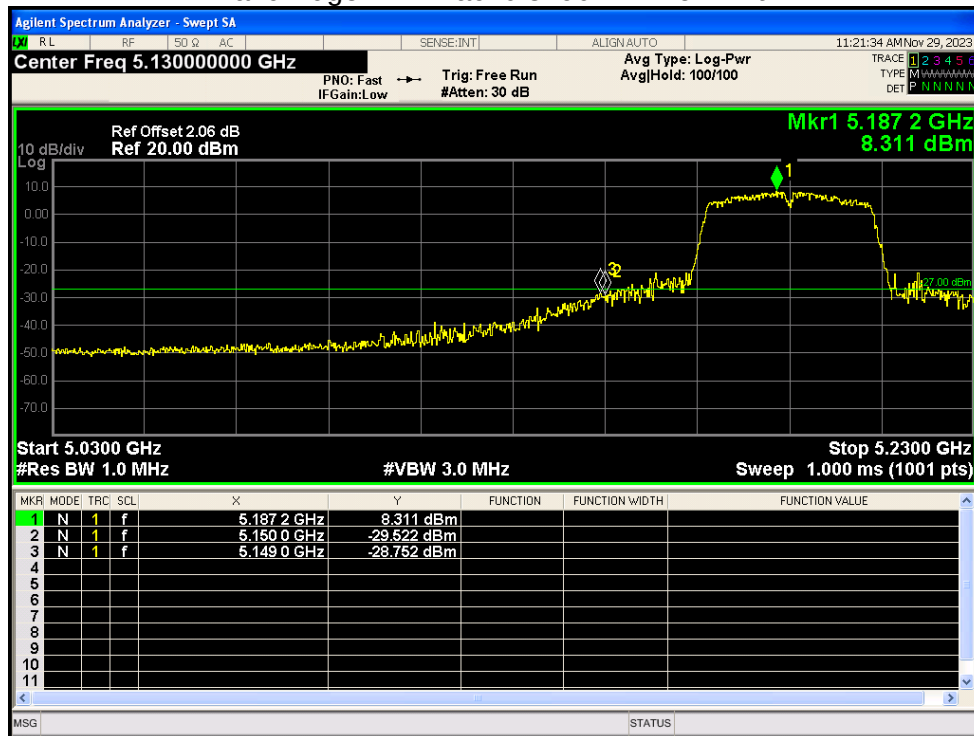
Band Edge NVNT ac20 5180MHz Low Ant1



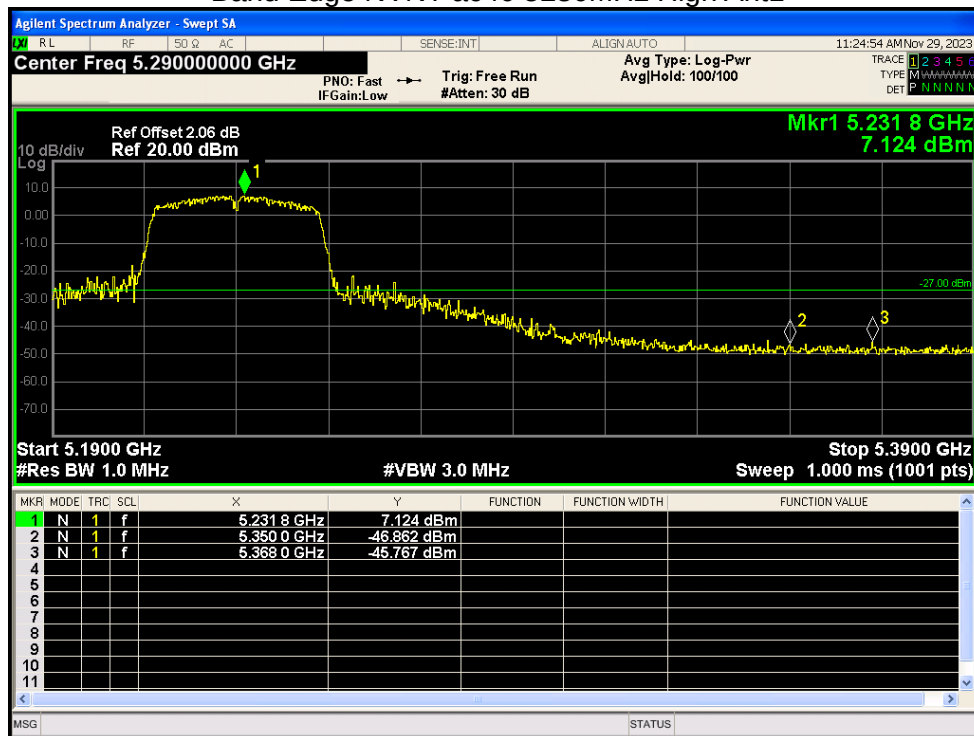
Band Edge NVNT ac20 5240MHz High Ant1



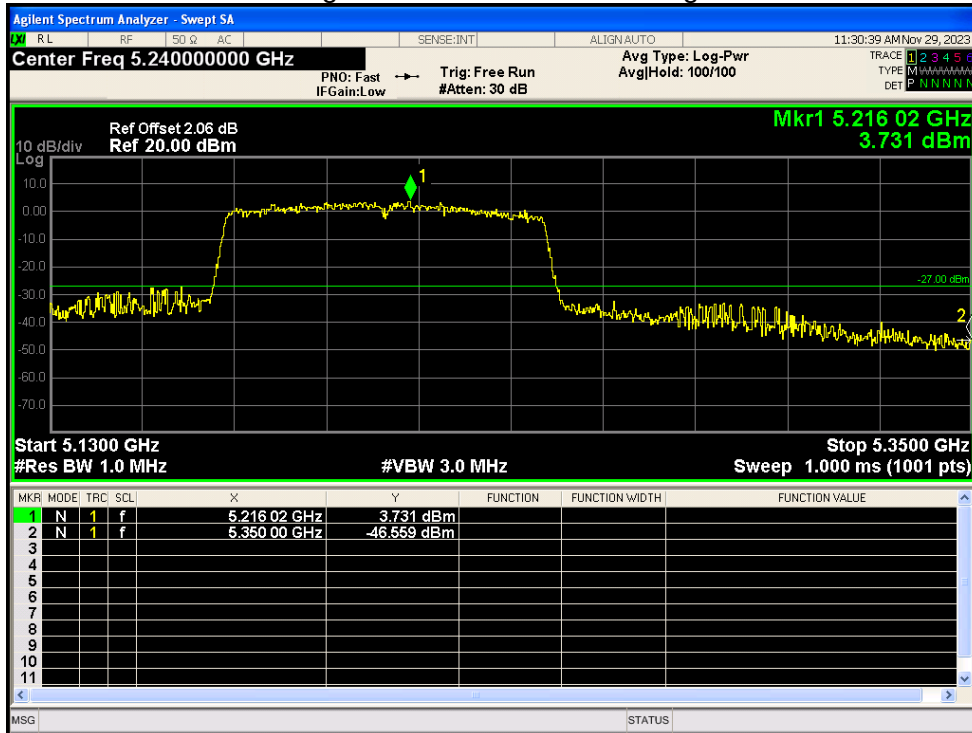
Band Edge NVNT ac40 5190MHz Low Ant1



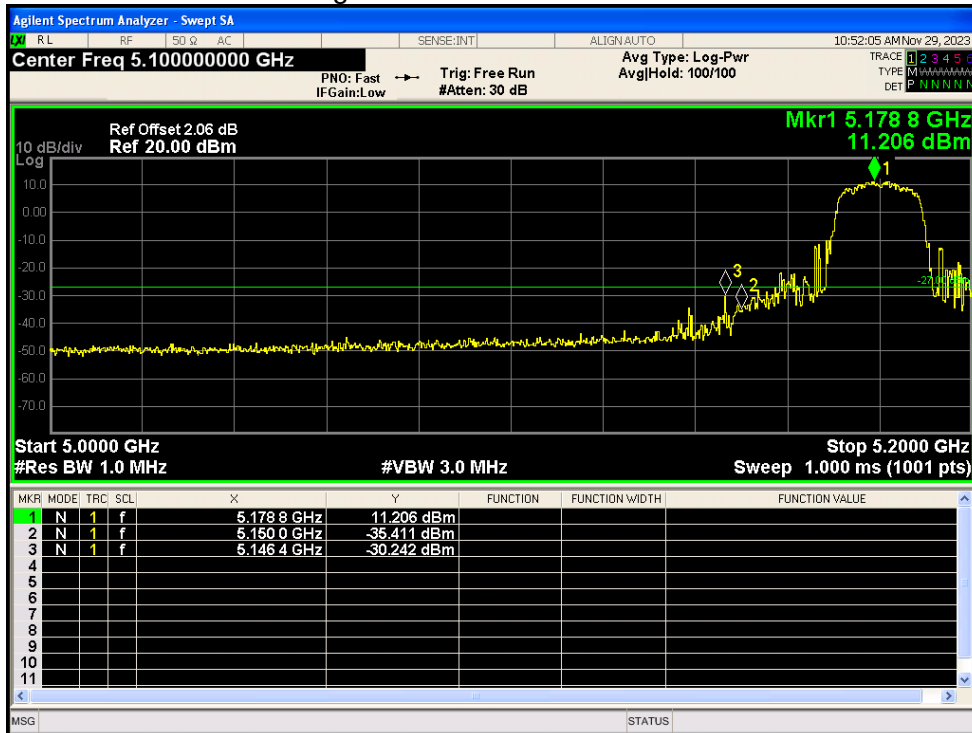
Band Edge NVNT ac40 5230MHz High Ant1



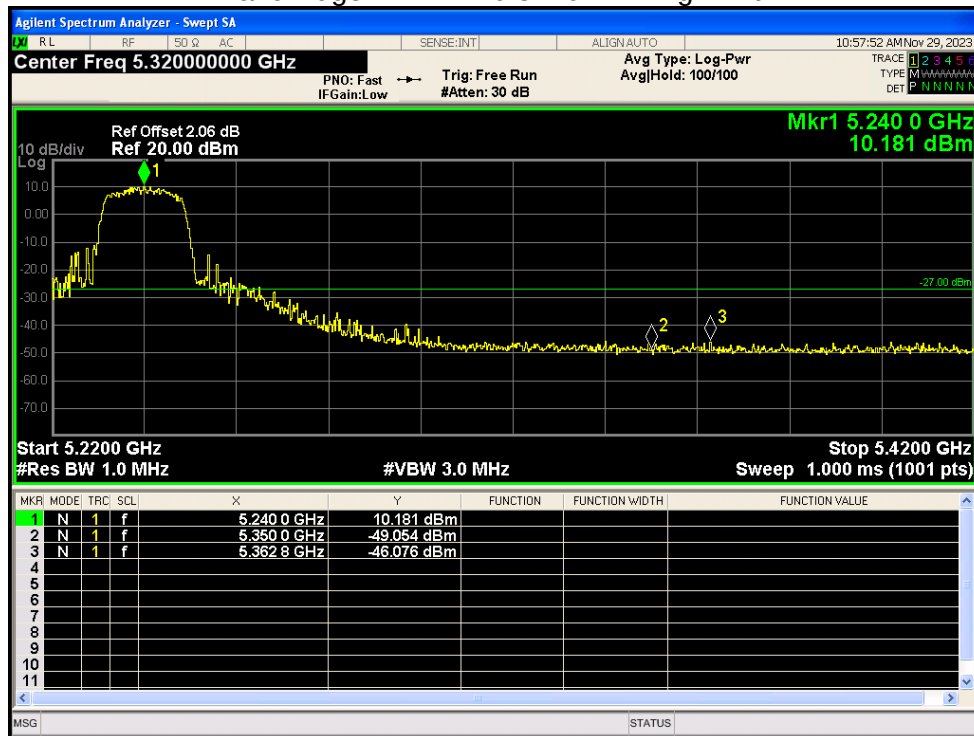
Band Edge NVNT ac80 5210MHz High Ant1



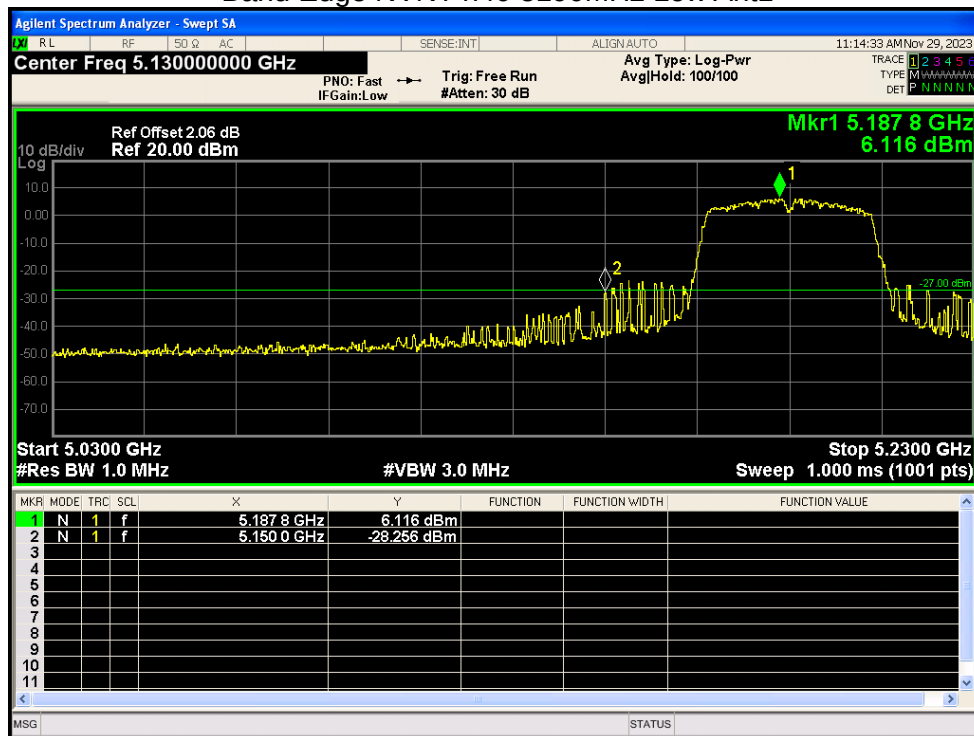
Band Edge NVNT n20 5180MHz Low Ant1



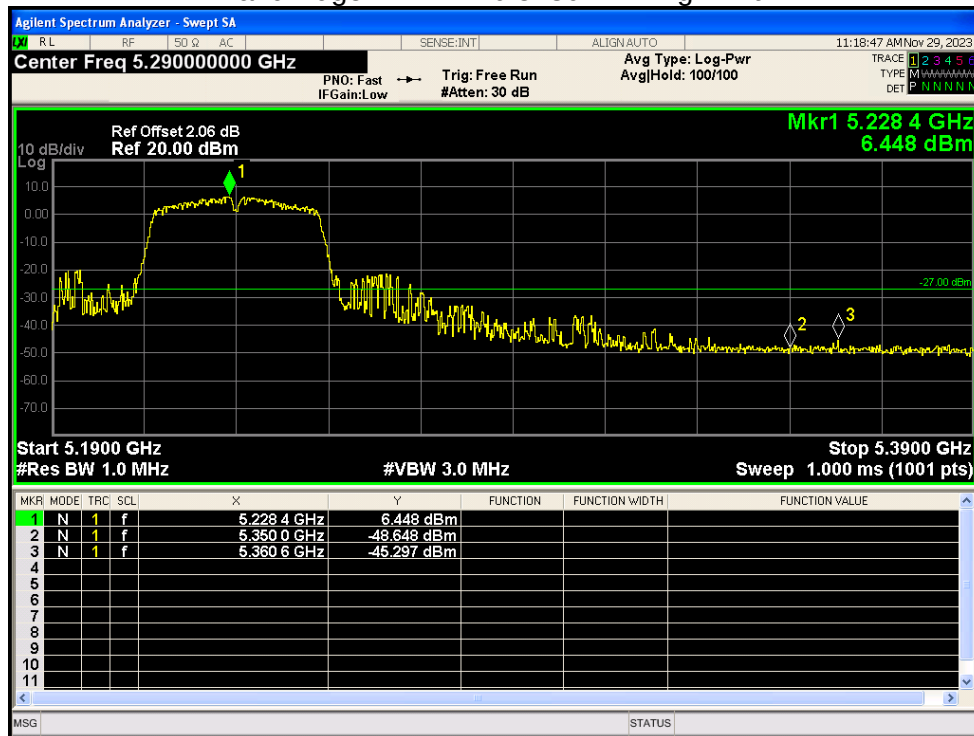
Band Edge NVNT n20 5240MHz High Ant1



Band Edge NVNT n40 5190MHz Low Ant1



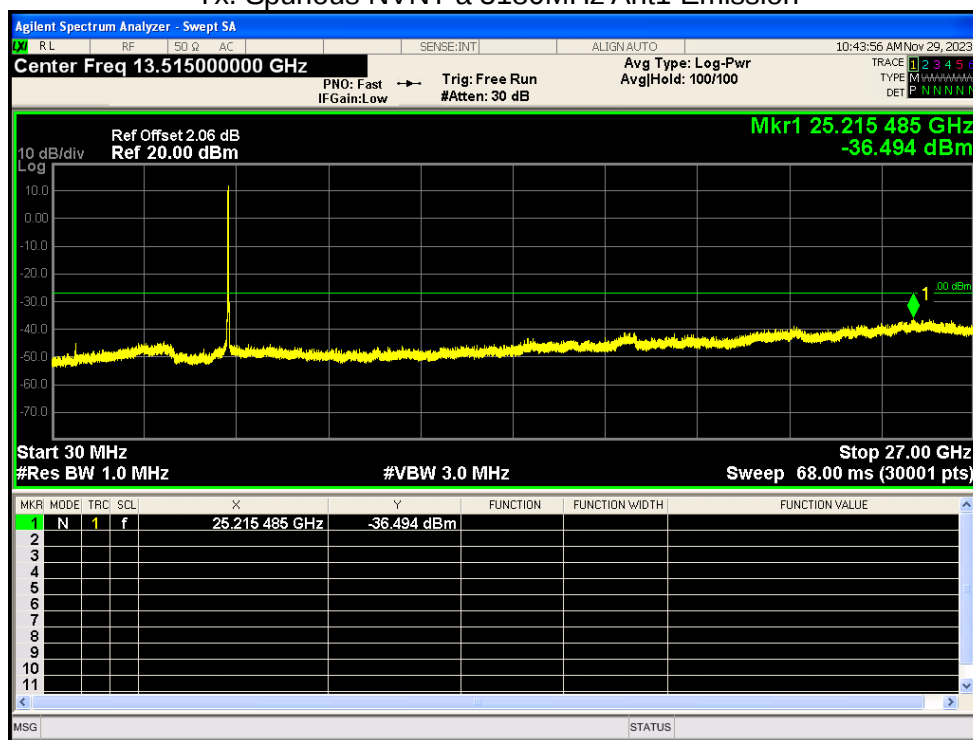
Band Edge NVNT n40 5230MHz High Ant1



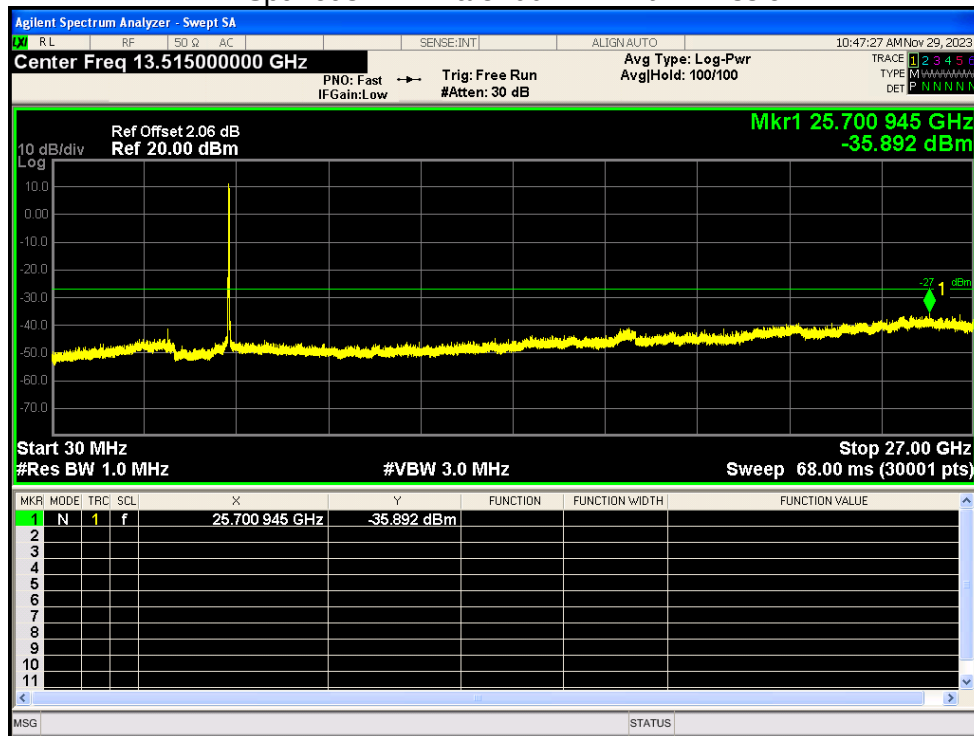
5.1.7 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-36.49	-27	Pass
NVNT	a	5200	Ant1	-35.89	-27	Pass
NVNT	a	5240	Ant1	-35.94	-27	Pass
NVNT	ac20	5180	Ant1	-36.69	-27	Pass
NVNT	ac20	5200	Ant1	-35.82	-27	Pass
NVNT	ac20	5240	Ant1	-36.51	-27	Pass
NVNT	ac40	5190	Ant1	-36.51	-27	Pass
NVNT	ac40	5230	Ant1	-36.14	-27	Pass
NVNT	ac80	5210	Ant1	-45.85	-27	Pass
NVNT	n20	5180	Ant1	-36.01	-27	Pass
NVNT	n20	5200	Ant1	-36.42	-27	Pass
NVNT	n20	5240	Ant1	-35.78	-27	Pass
NVNT	n40	5190	Ant1	-36.31	-27	Pass
NVNT	n40	5230	Ant1	-36.26	-27	Pass

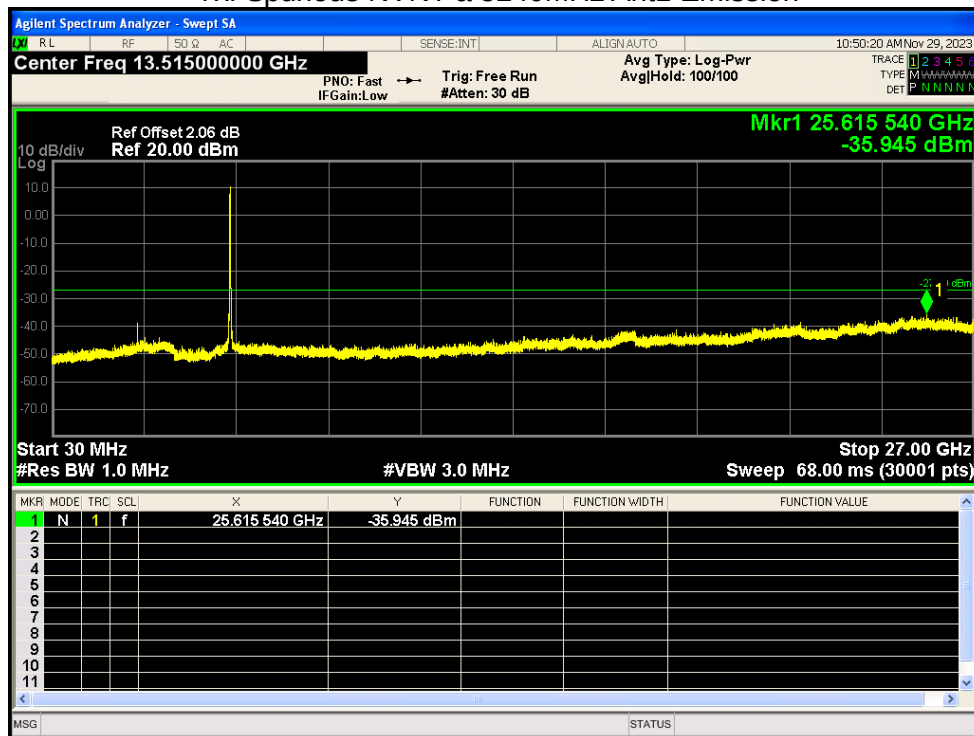
Tx. Spurious NVNT a 5180MHz Ant1 Emission



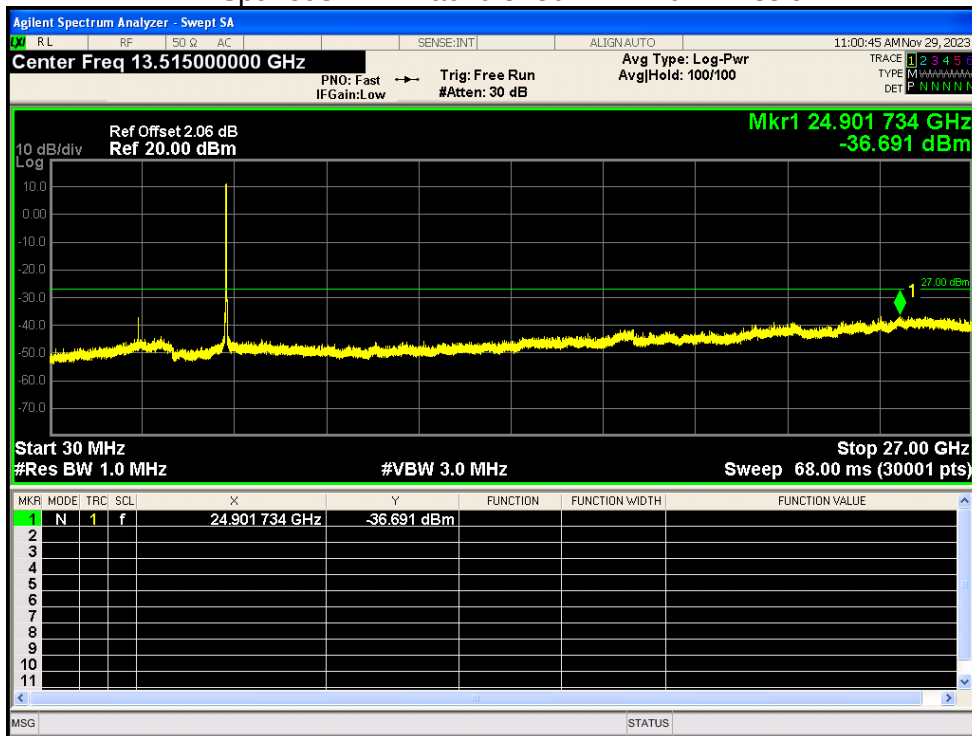
Tx. Spurious NVNT a 5200MHz Ant1 Emission



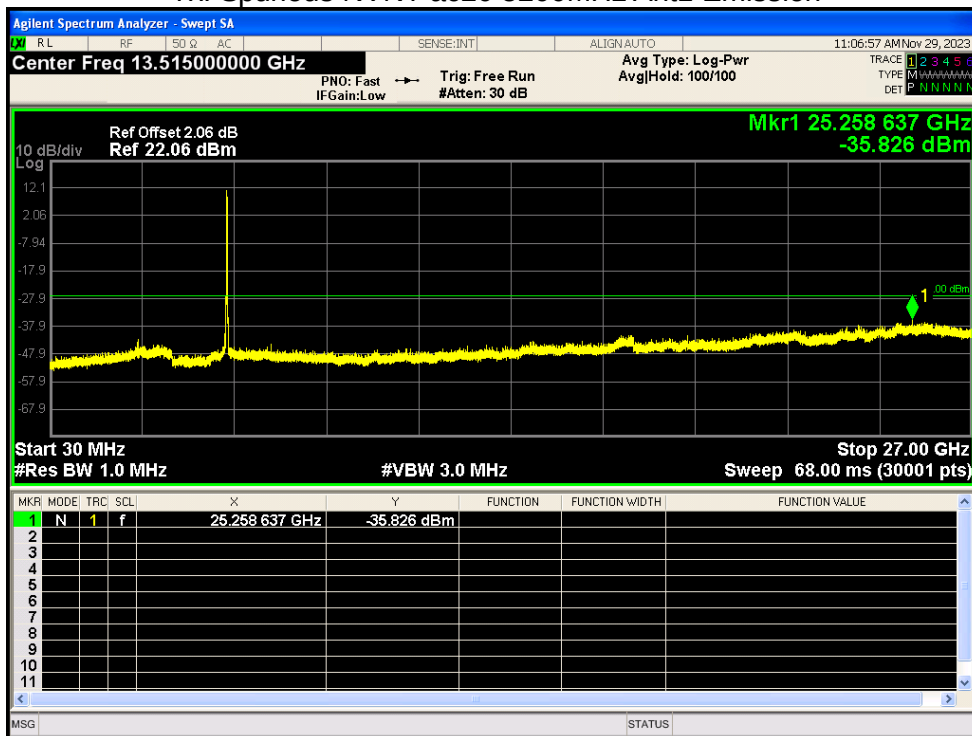
Tx. Spurious NVNT a 5240MHz Ant1 Emission



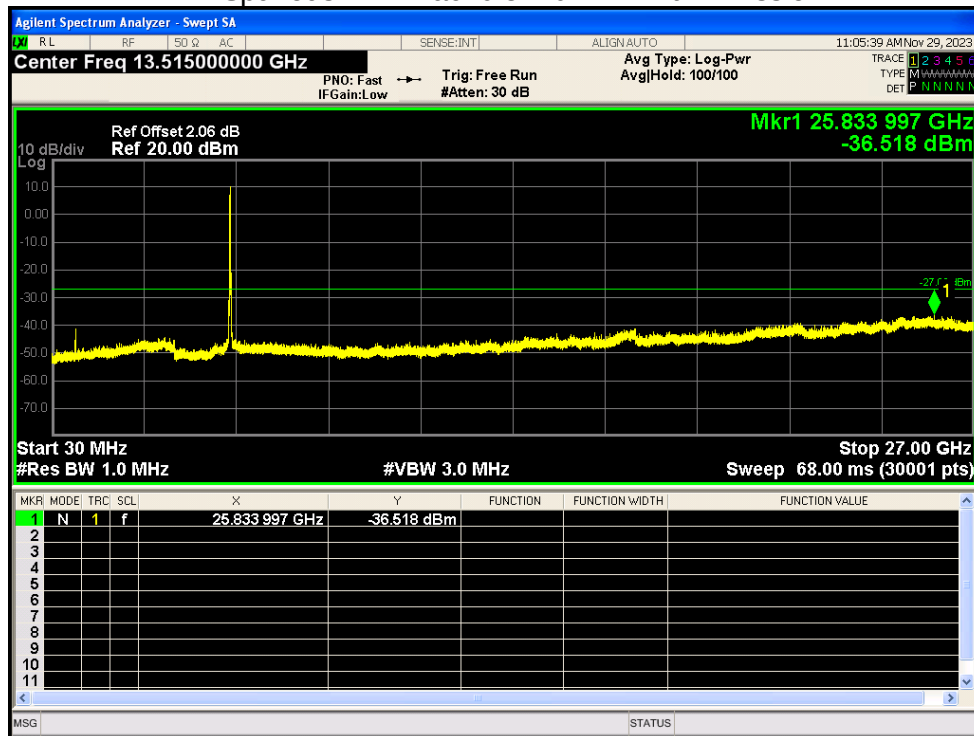
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



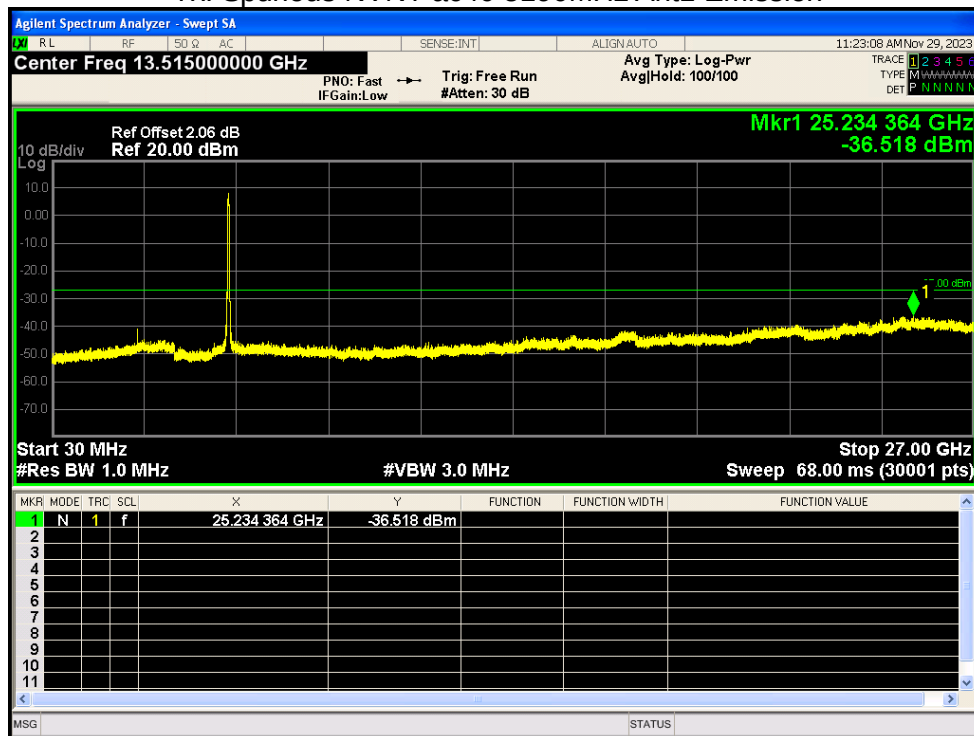
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



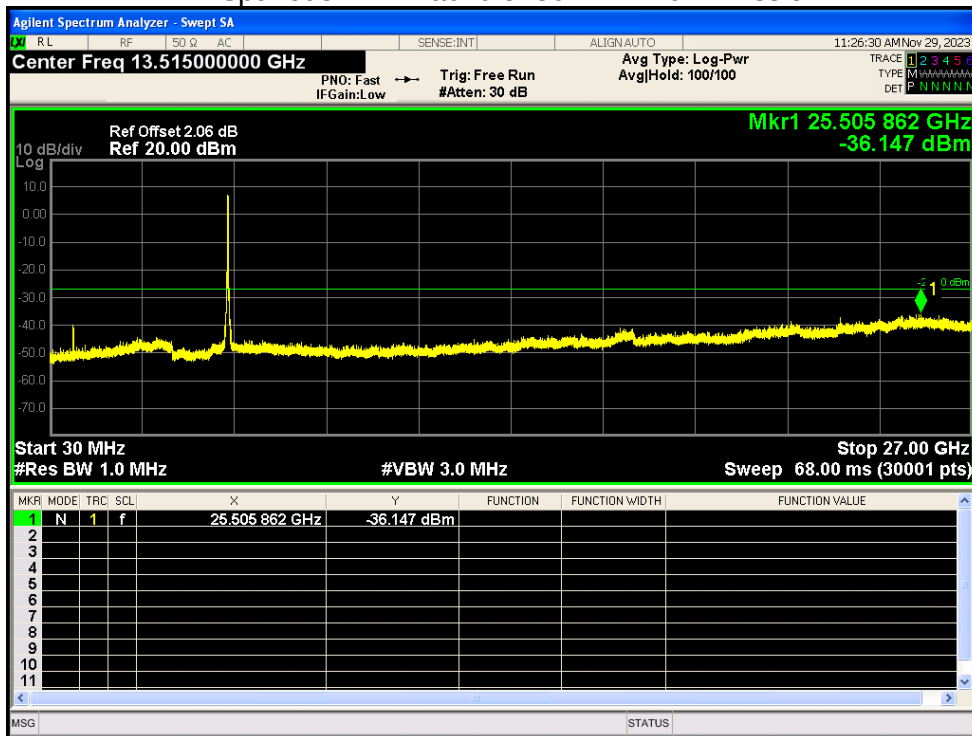
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



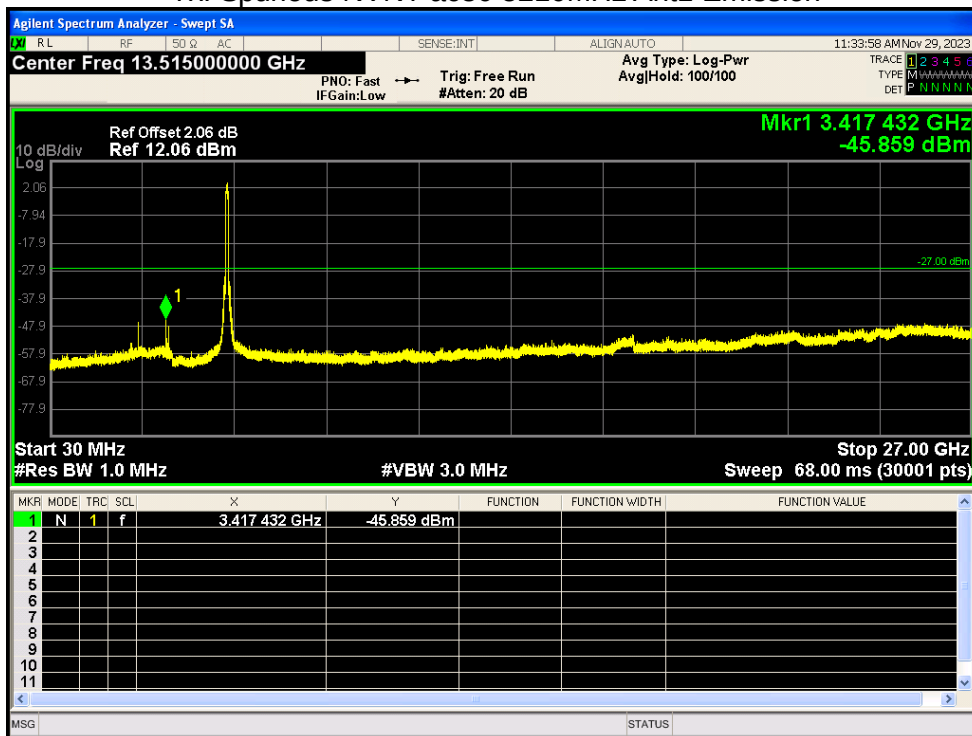
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



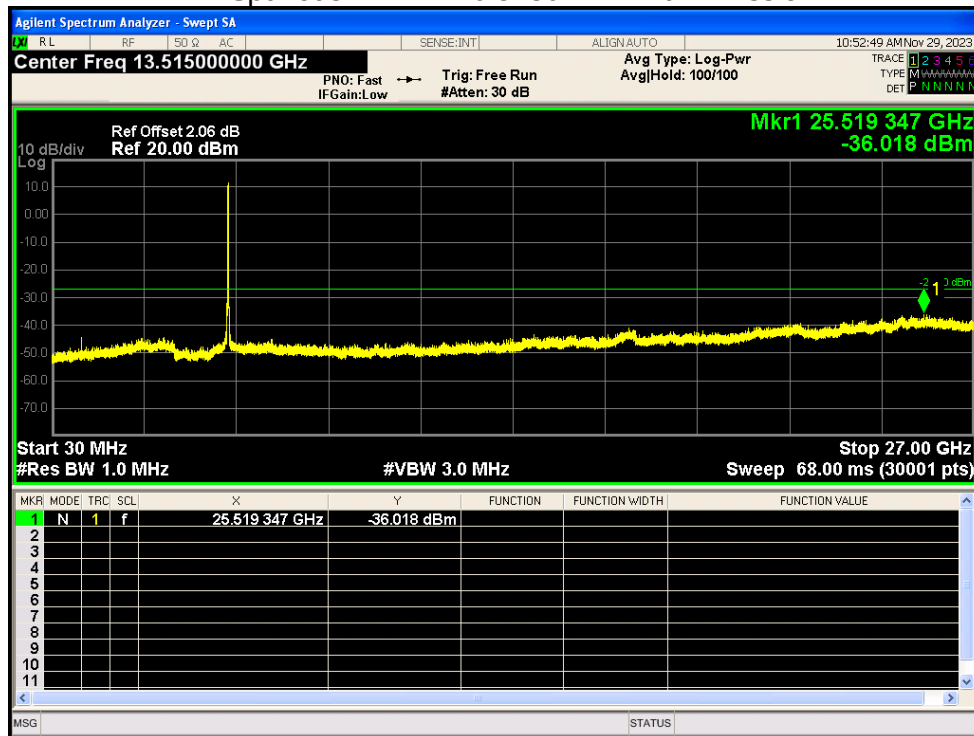
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



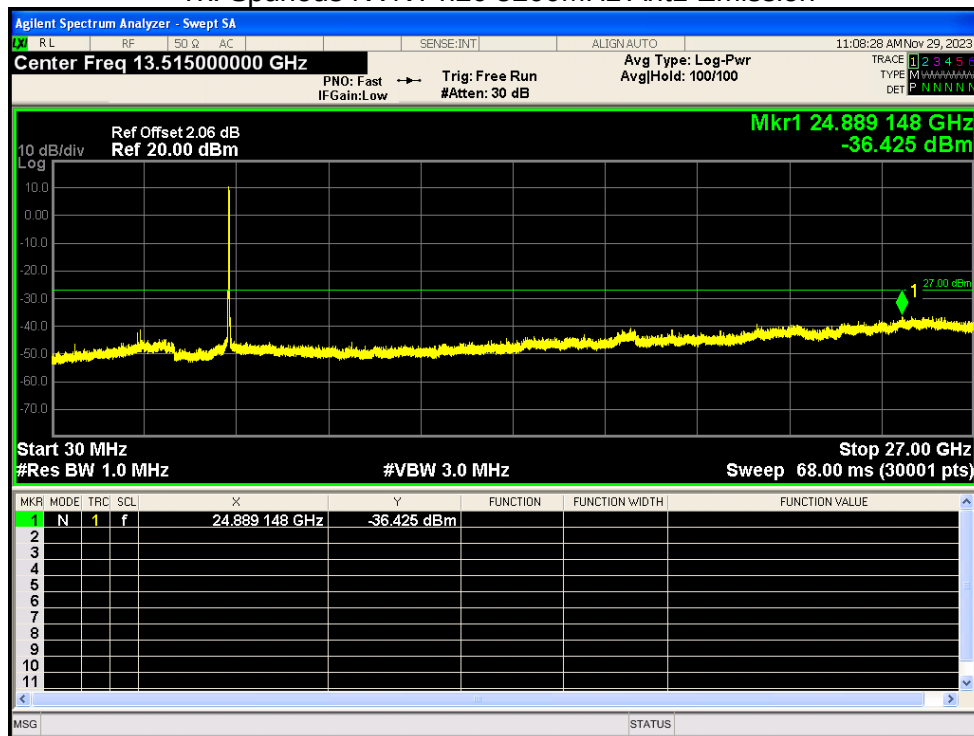
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



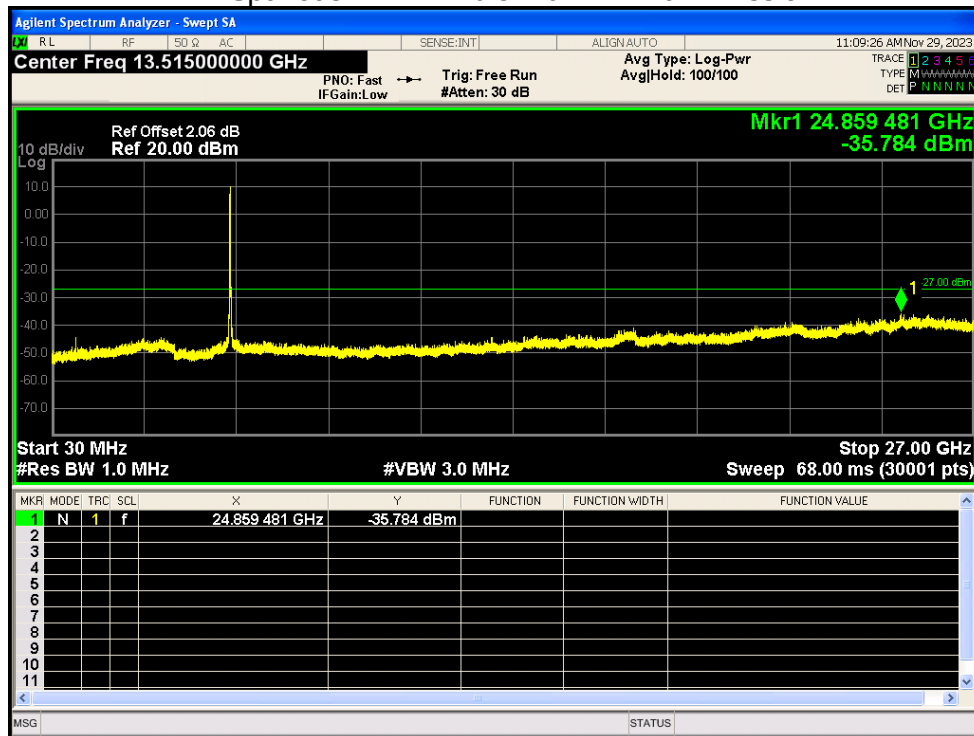
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



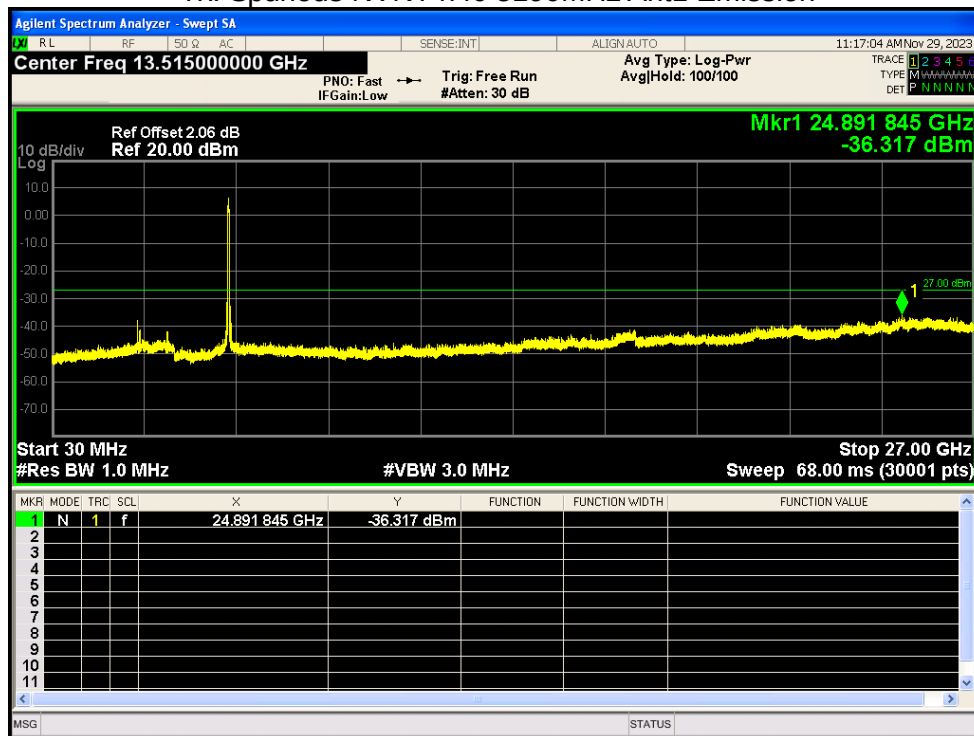
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



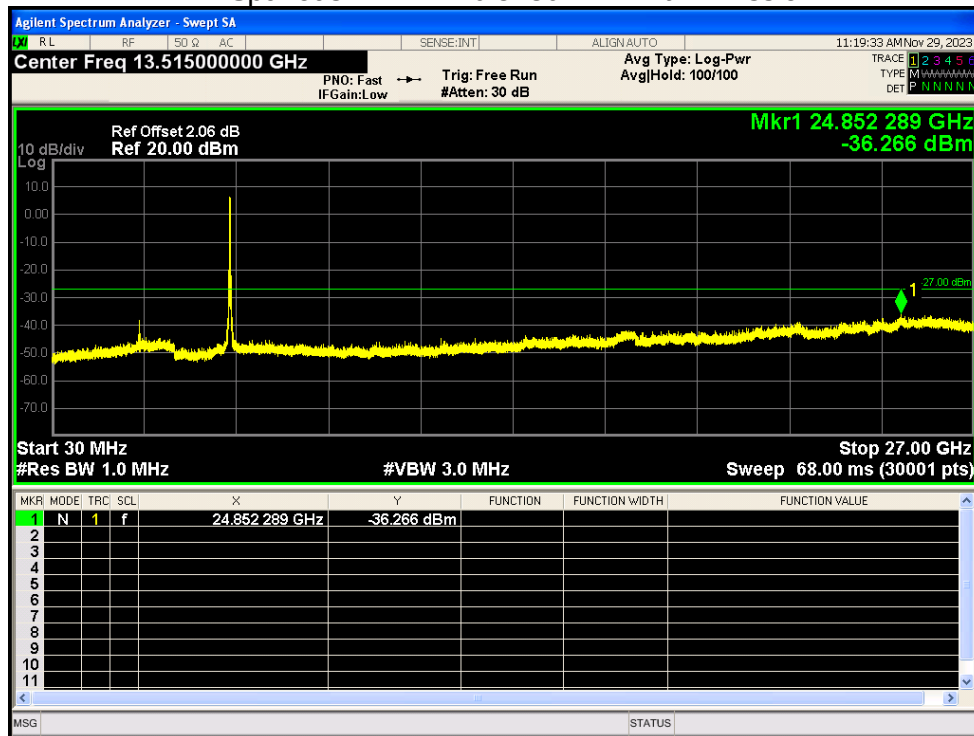
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



Tx. Spurious NVNT n40 5190MHz Ant1 Emission



Tx. Spurious NVNT n40 5230MHz Ant1 Emission

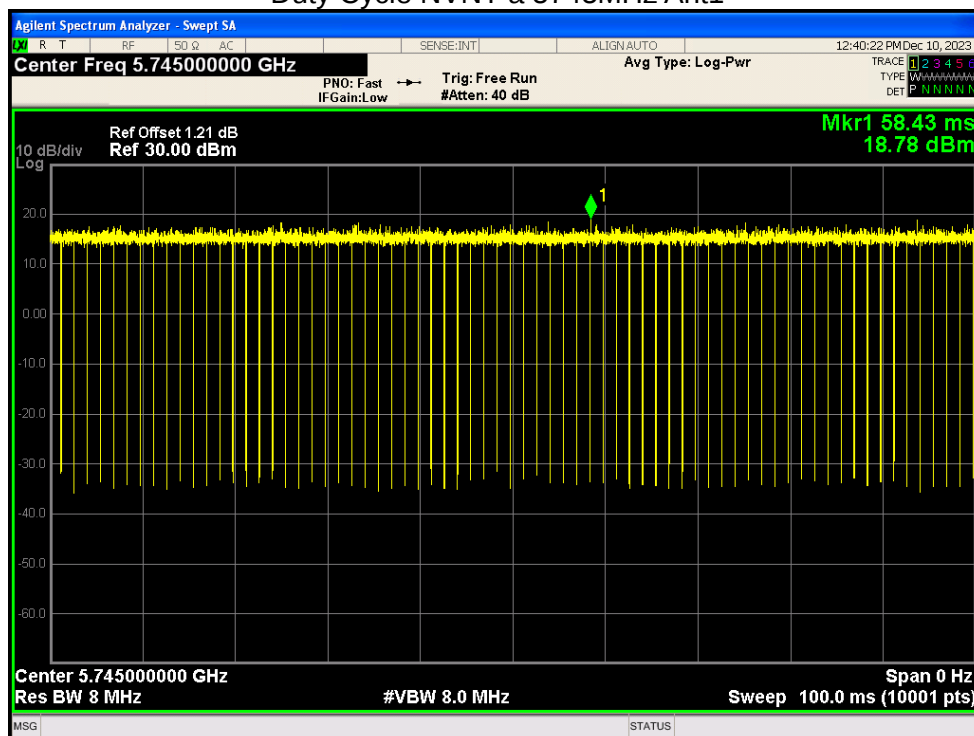


5.2 5.8G WIFI

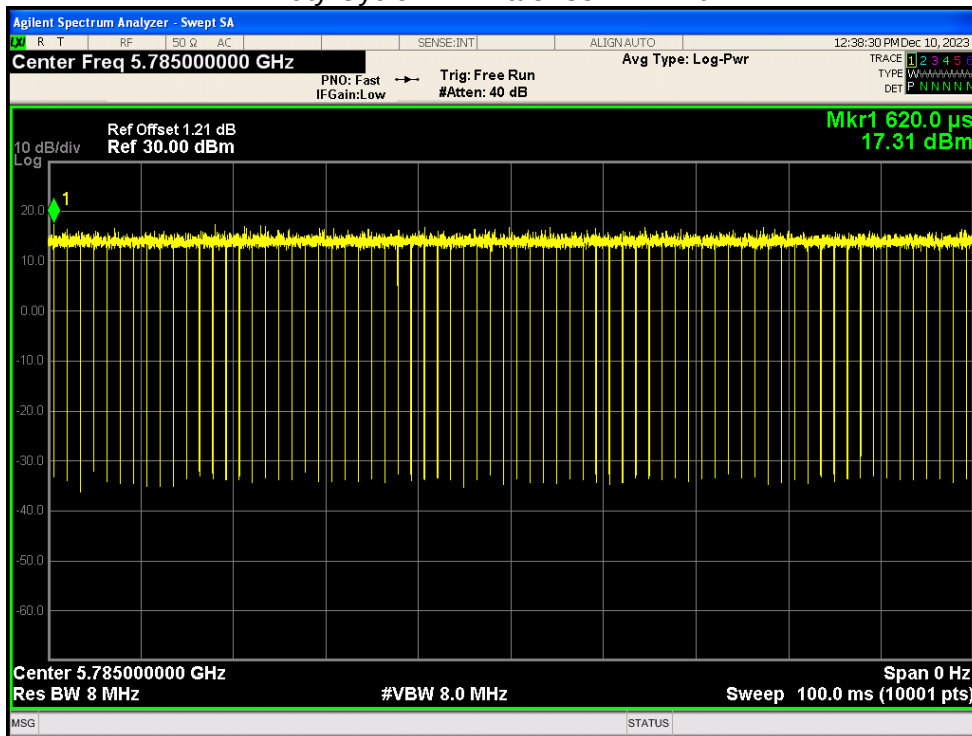
5.2.1 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	98.2	0.08
NVNT	a	5785	Ant1	98.18	0.08
NVNT	a	5825	Ant1	98.2	0.08
NVNT	ac20	5745	Ant1	98.08	0.08
NVNT	ac20	5785	Ant1	98.09	0.08
NVNT	ac20	5825	Ant1	98.08	0.08
NVNT	ac40	5755	Ant1	94.23	0.26
NVNT	ac40	5795	Ant1	95.03	0.22
NVNT	ac80	5775	Ant1	71.97	1.43
NVNT	n20	5745	Ant1	98.06	0.09
NVNT	n20	5785	Ant1	98.06	0.09
NVNT	n20	5825	Ant1	98.06	0.09
NVNT	n40	5755	Ant1	95.18	0.21
NVNT	n40	5795	Ant1	94.5	0.25

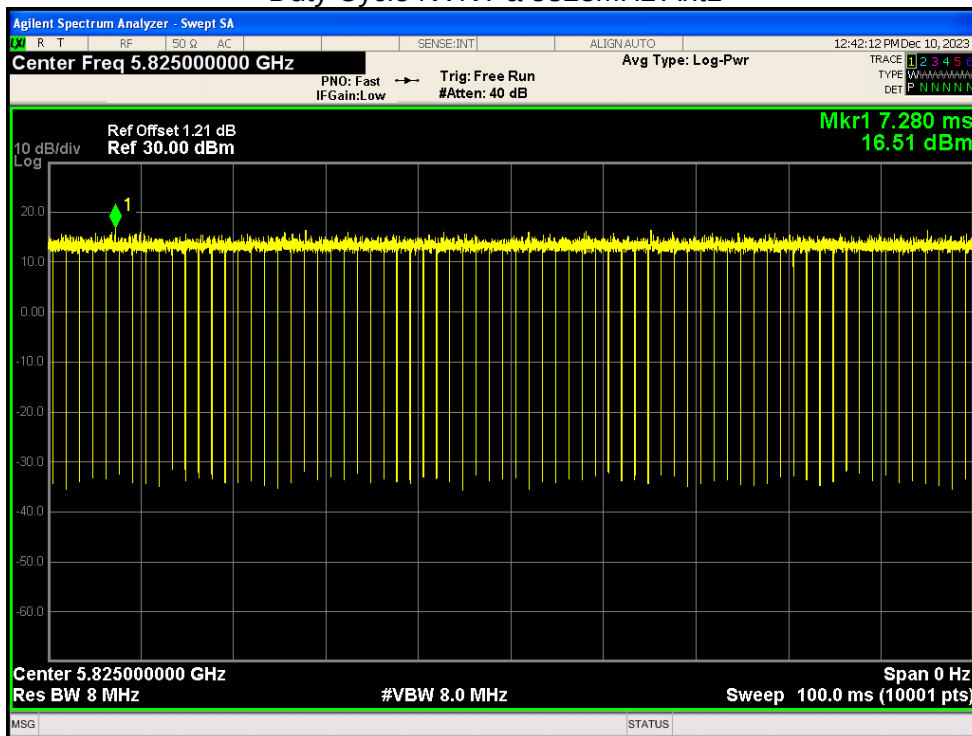
Duty Cycle NVNT a 5745MHz Ant1



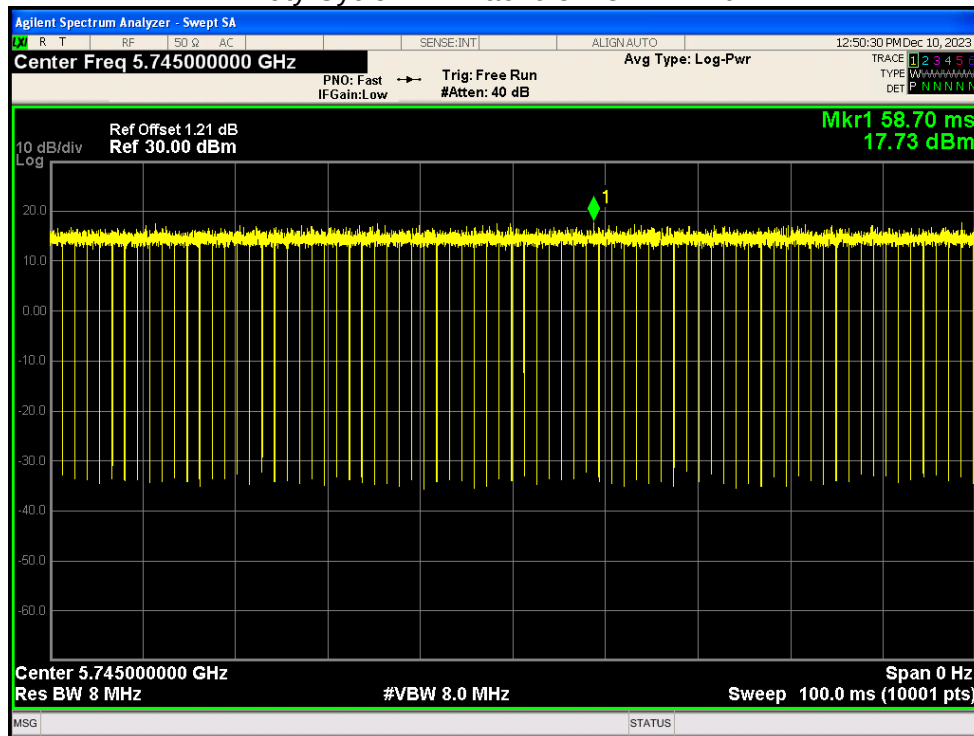
Duty Cycle NVNT a 5785MHz Ant1



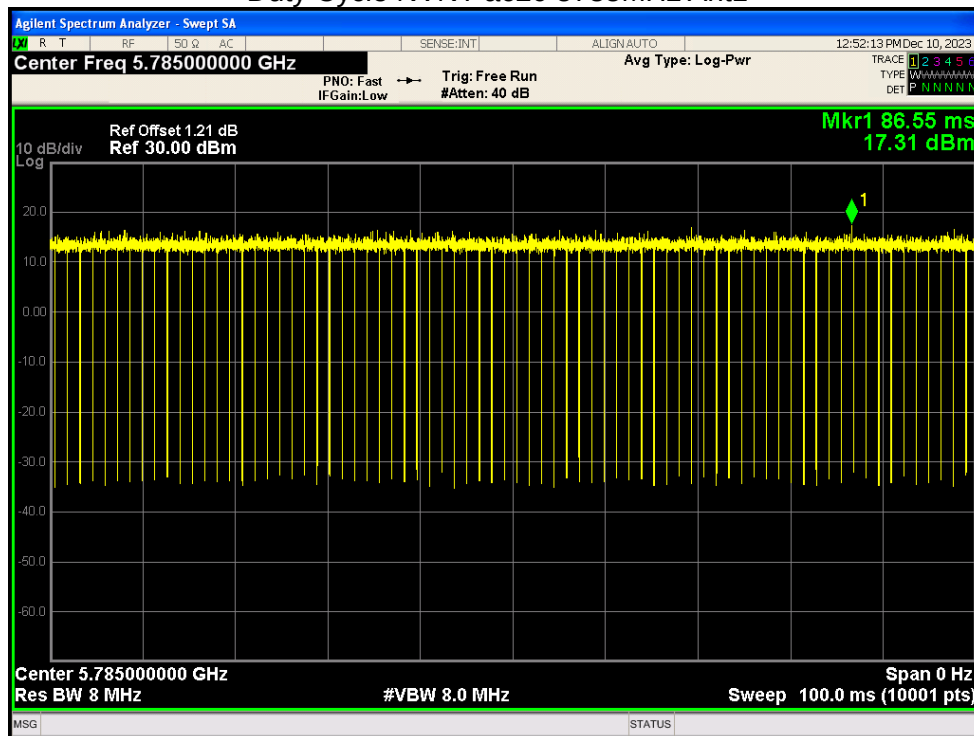
Duty Cycle NVNT a 5825MHz Ant1



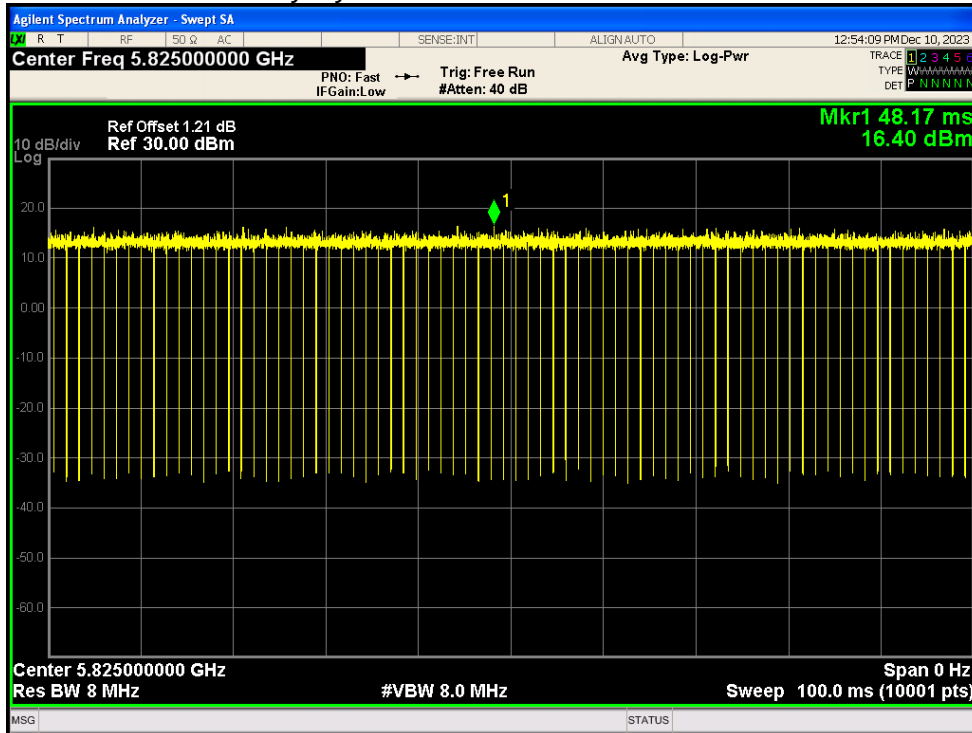
Duty Cycle NVNT ac20 5745MHz Ant1



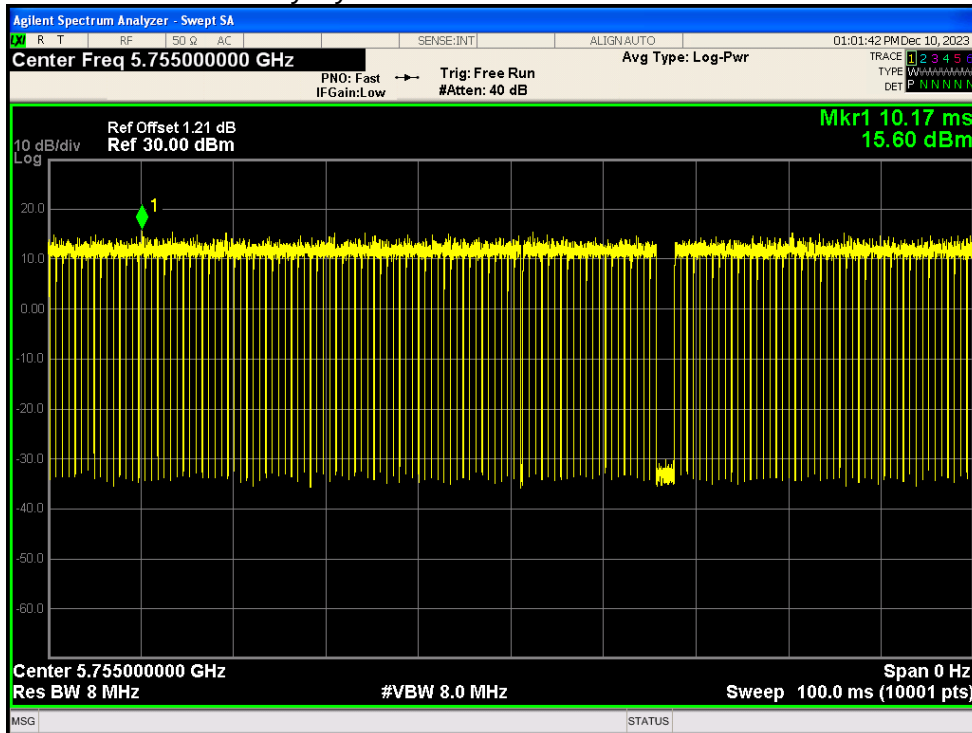
Duty Cycle NVNT ac20 5785MHz Ant1



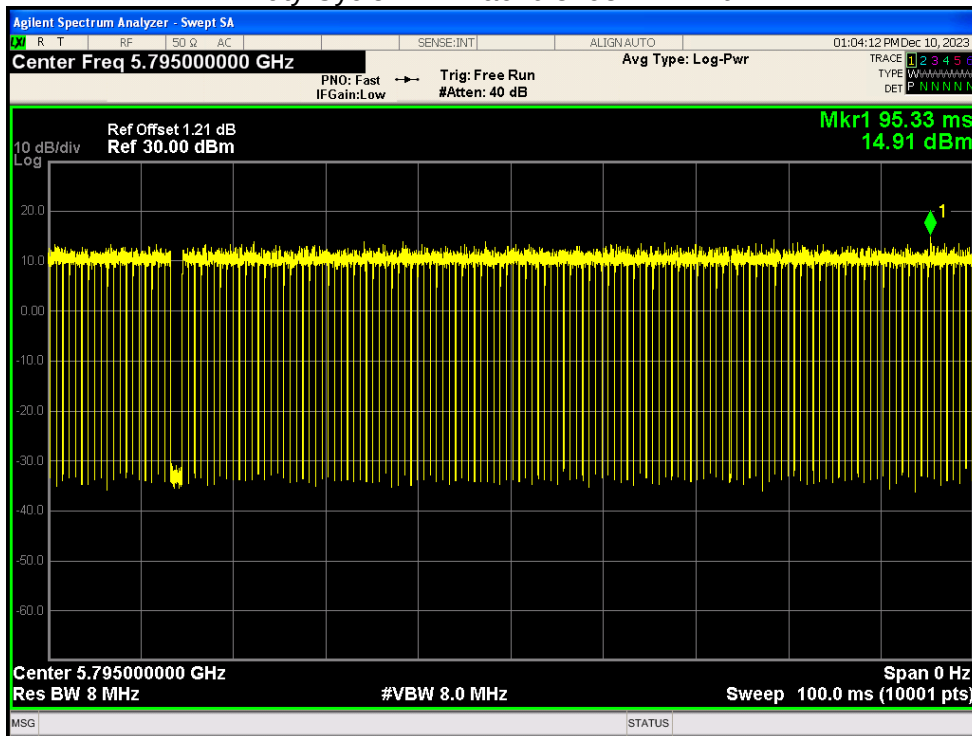
Duty Cycle NVNT ac20 5825MHz Ant1



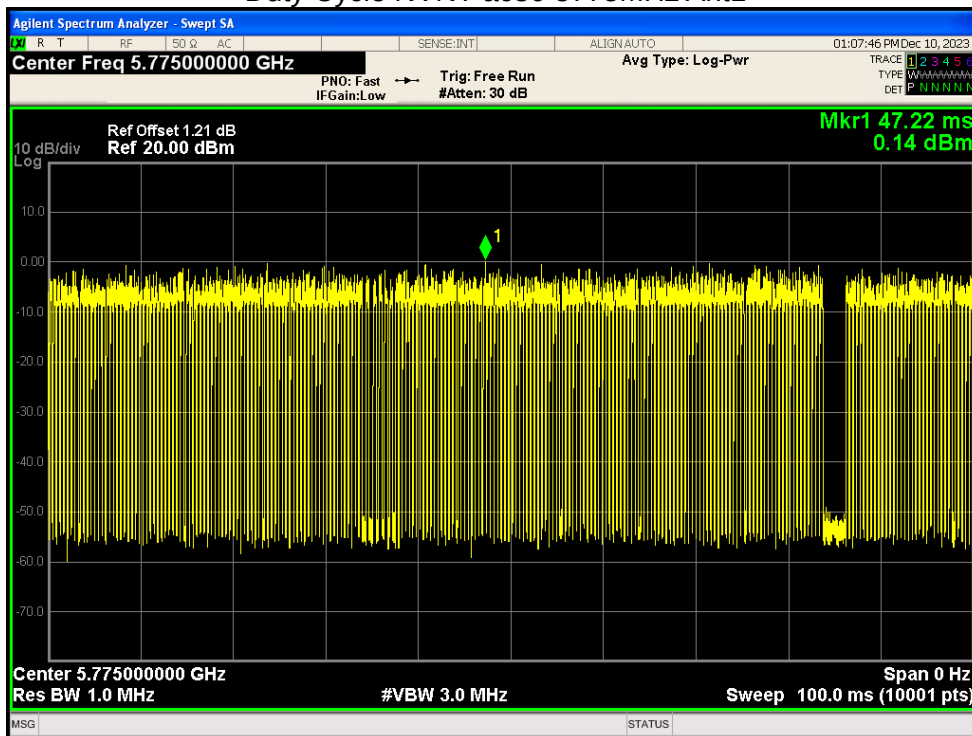
Duty Cycle NVNT ac40 5755MHz Ant1



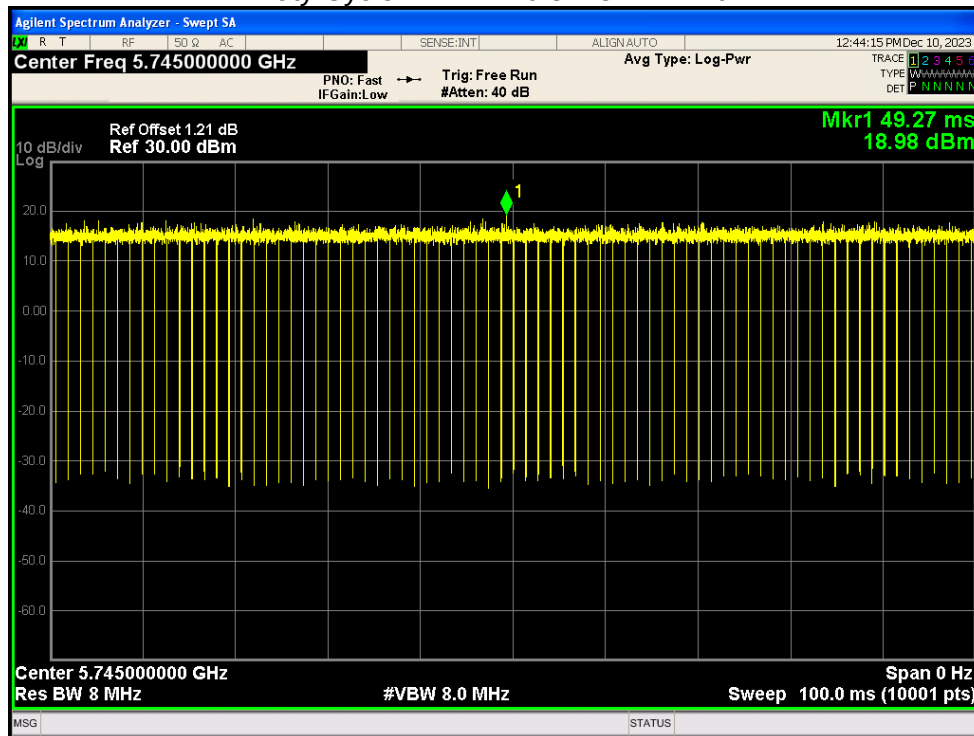
Duty Cycle NVNT ac40 5795MHz Ant1



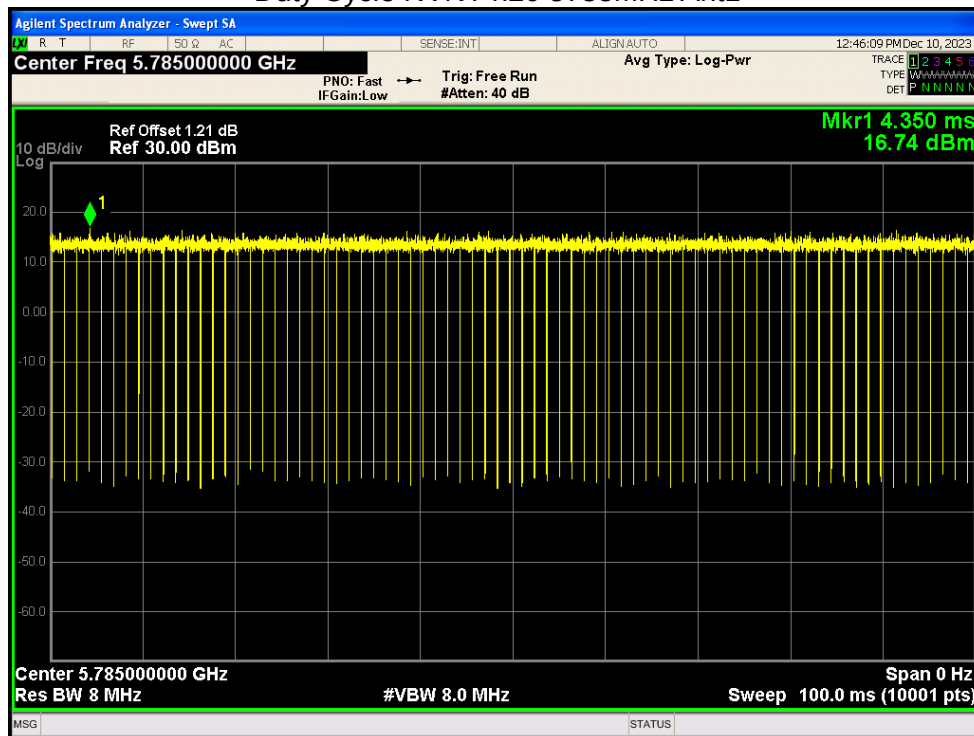
Duty Cycle NVNT ac80 5775MHz Ant1



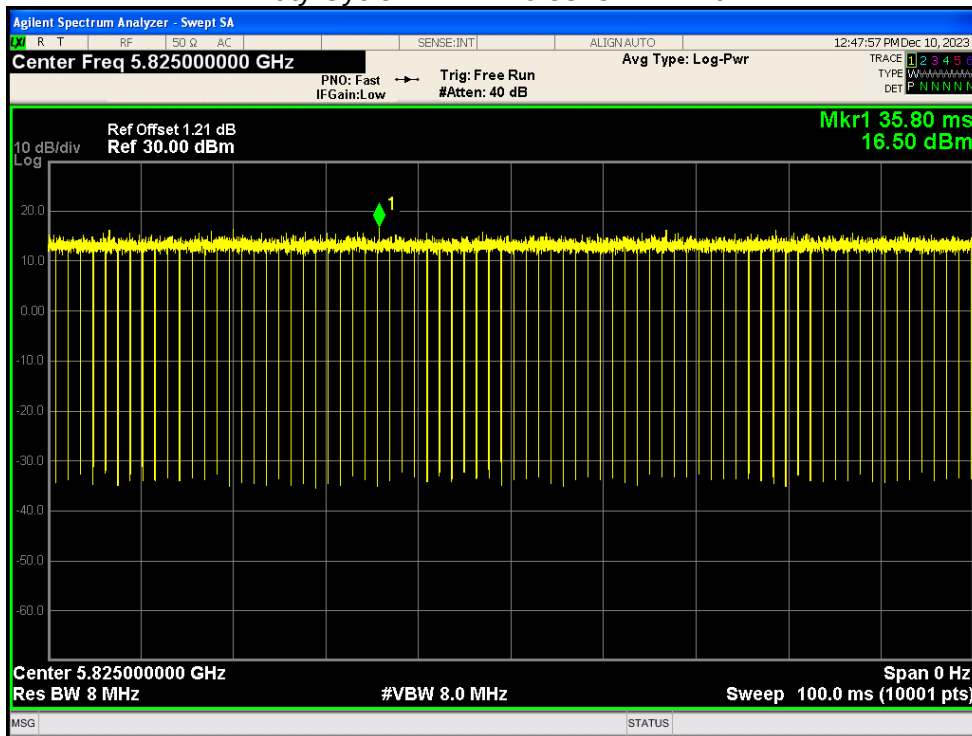
Duty Cycle NVNT n20 5745MHz Ant1



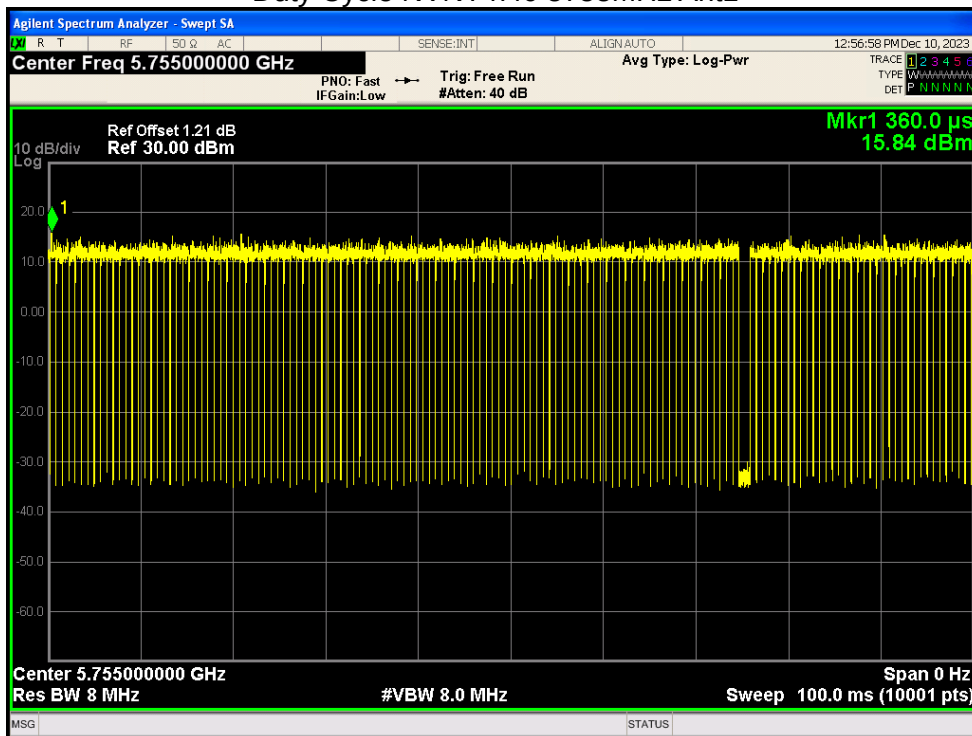
Duty Cycle NVNT n20 5785MHz Ant1



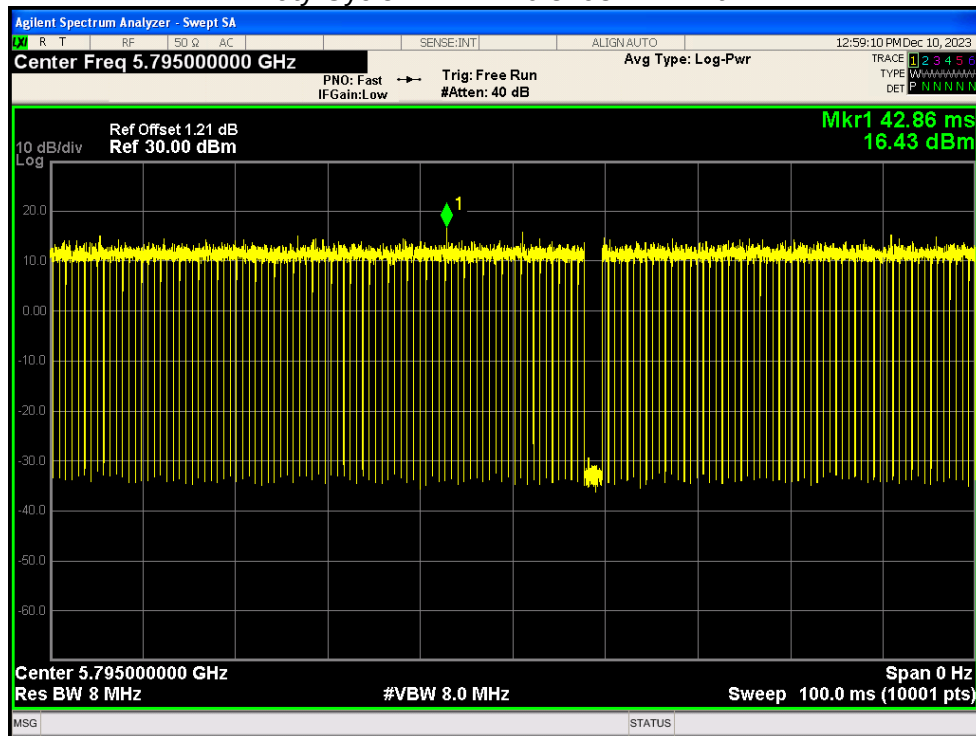
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



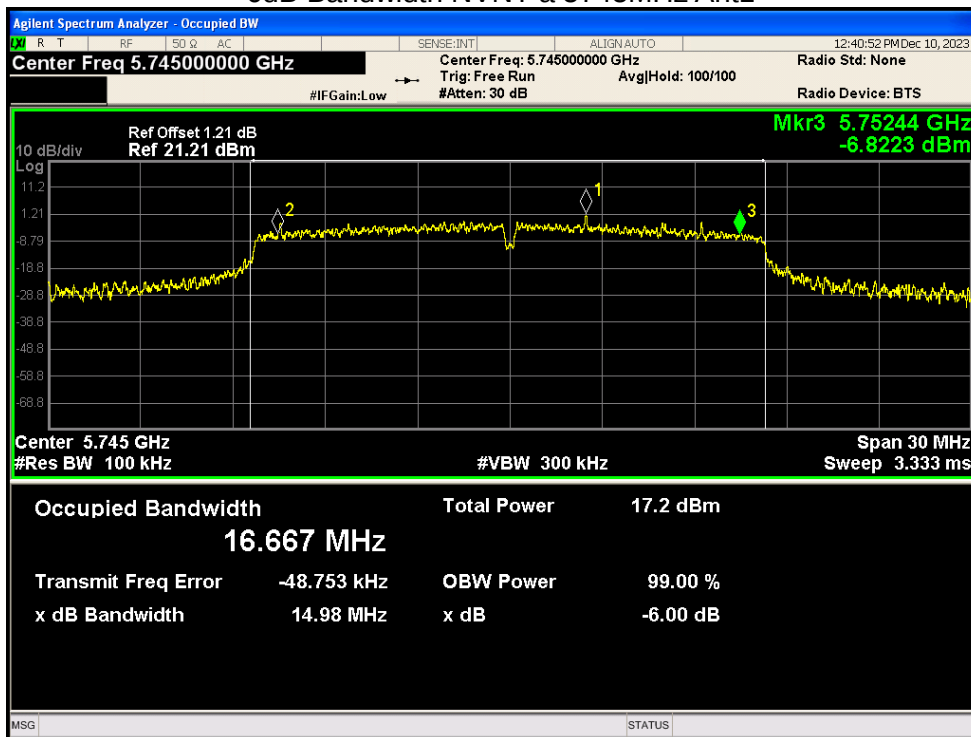
5.2.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	11.317	0.08	11.397	30	Pass
NVNT	a	5785	Ant1	10.354	0.08	10.434	30	Pass
NVNT	a	5825	Ant1	9.604	0.08	9.684	30	Pass
NVNT	ac20	5745	Ant1	10.529	0.08	10.609	30	Pass
NVNT	ac20	5785	Ant1	9.926	0.08	10.006	30	Pass
NVNT	ac20	5825	Ant1	9.52	0.08	9.6	30	Pass
NVNT	ac40	5755	Ant1	10.142	0.26	10.402	30	Pass
NVNT	ac40	5795	Ant1	9.153	0.22	9.373	30	Pass
NVNT	ac80	5775	Ant1	8.81	1.43	10.24	30	Pass
NVNT	n20	5745	Ant1	11.213	0.09	11.303	30	Pass
NVNT	n20	5785	Ant1	9.83	0.09	9.92	30	Pass
NVNT	n20	5825	Ant1	9.504	0.09	9.594	30	Pass
NVNT	n40	5755	Ant1	10.272	0.21	10.482	30	Pass
NVNT	n40	5795	Ant1	10.137	0.25	10.387	30	Pass

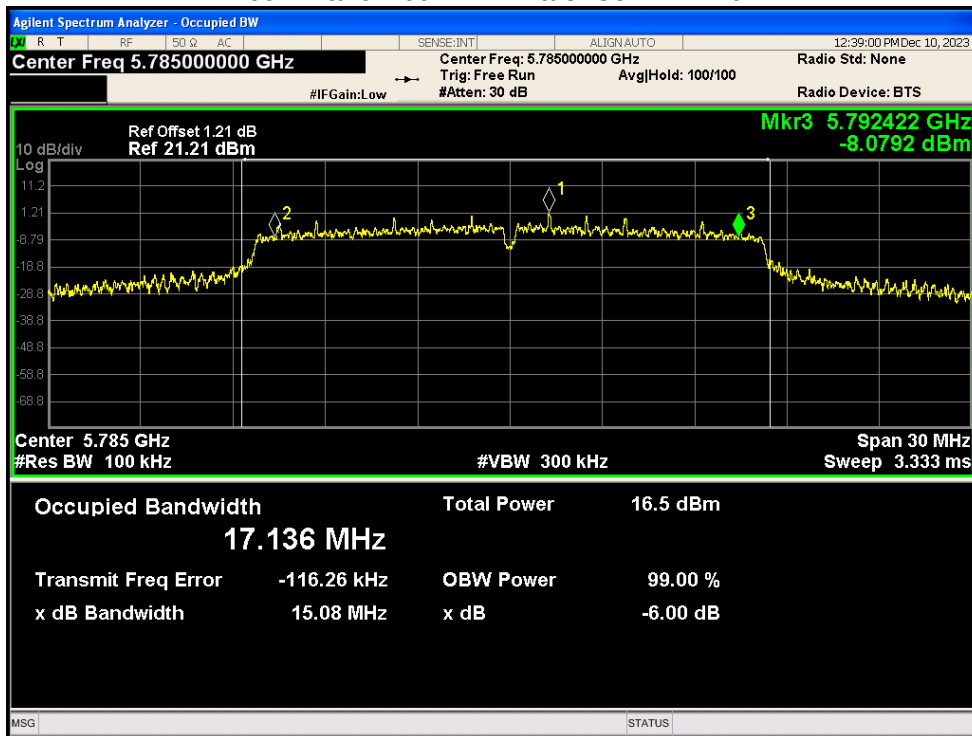
5.2.3 -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	14.977	0.5	Pass
NVNT	a	5785	Ant1	15.076	0.5	Pass
NVNT	a	5825	Ant1	13.812	0.5	Pass
NVNT	ac20	5745	Ant1	17.2	0.5	Pass
NVNT	ac20	5785	Ant1	16.894	0.5	Pass
NVNT	ac20	5825	Ant1	17.139	0.5	Pass
NVNT	ac40	5755	Ant1	35.341	0.5	Pass
NVNT	ac40	5795	Ant1	35.853	0.5	Pass
NVNT	ac80	5775	Ant1	75.111	0.5	Pass
NVNT	n20	5745	Ant1	16.684	0.5	Pass
NVNT	n20	5785	Ant1	15.88	0.5	Pass
NVNT	n20	5825	Ant1	16.938	0.5	Pass
NVNT	n40	5755	Ant1	33.638	0.5	Pass
NVNT	n40	5795	Ant1	35.787	0.5	Pass

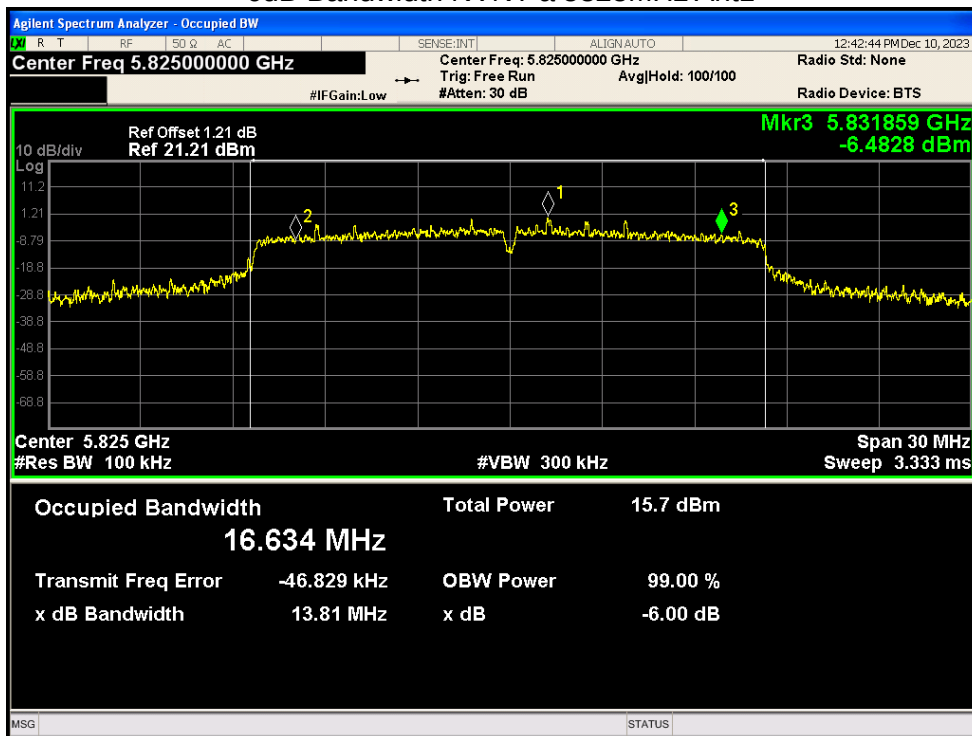
-6dB Bandwidth NVNT a 5745MHz Ant1



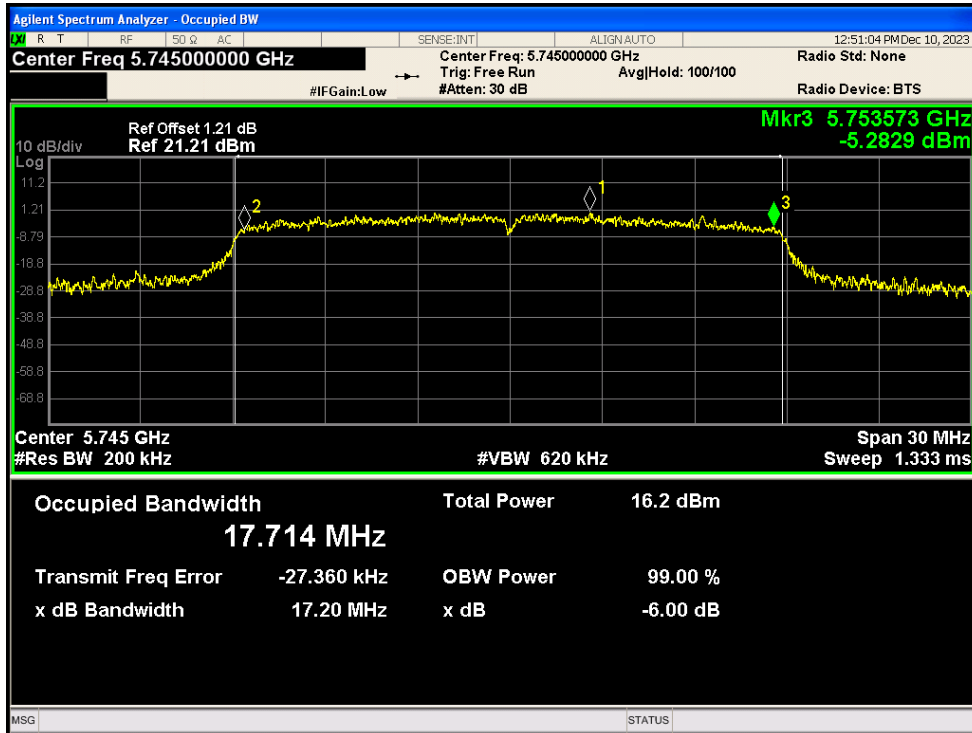
-6dB Bandwidth NVNT a 5785MHz Ant1



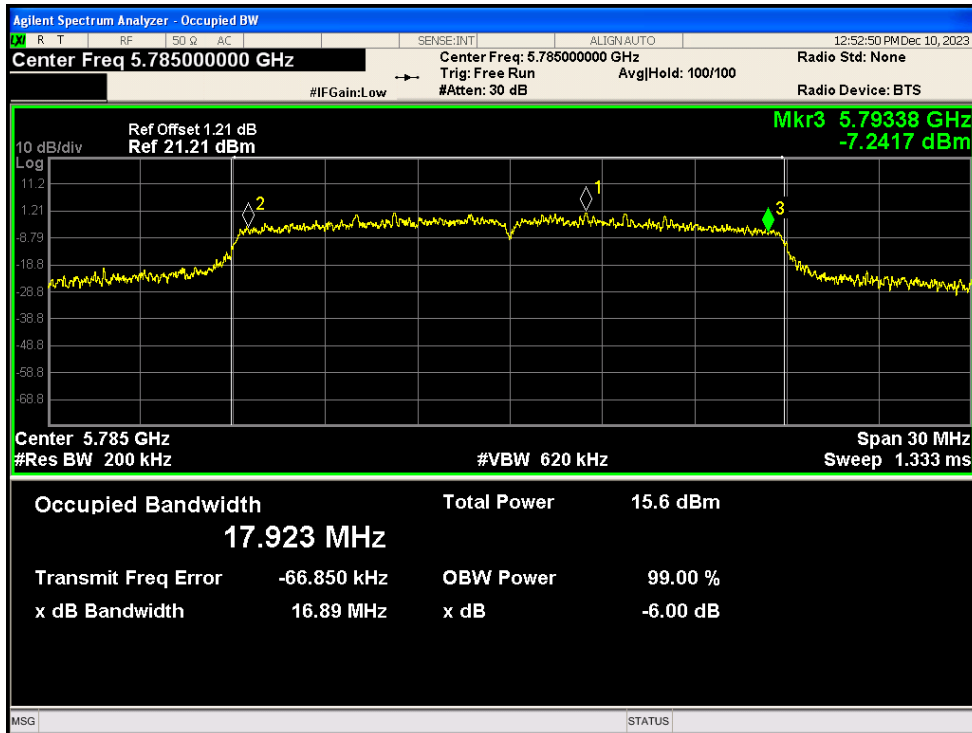
-6dB Bandwidth NVNT a 5825MHz Ant1



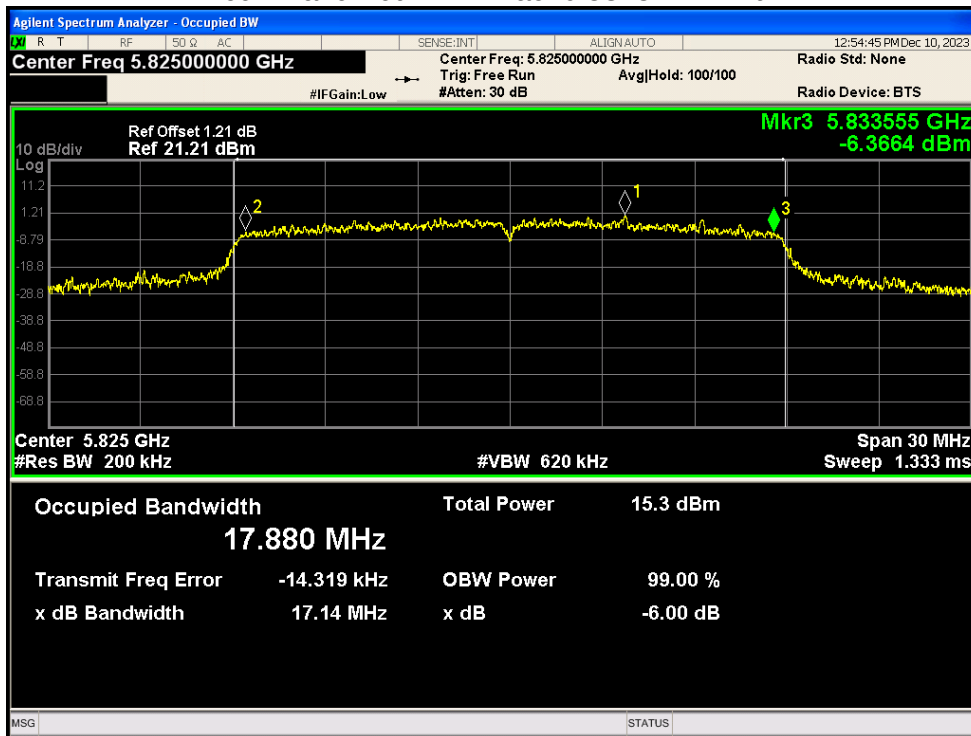
-6dB Bandwidth NVNT ac20 5745MHz Ant1



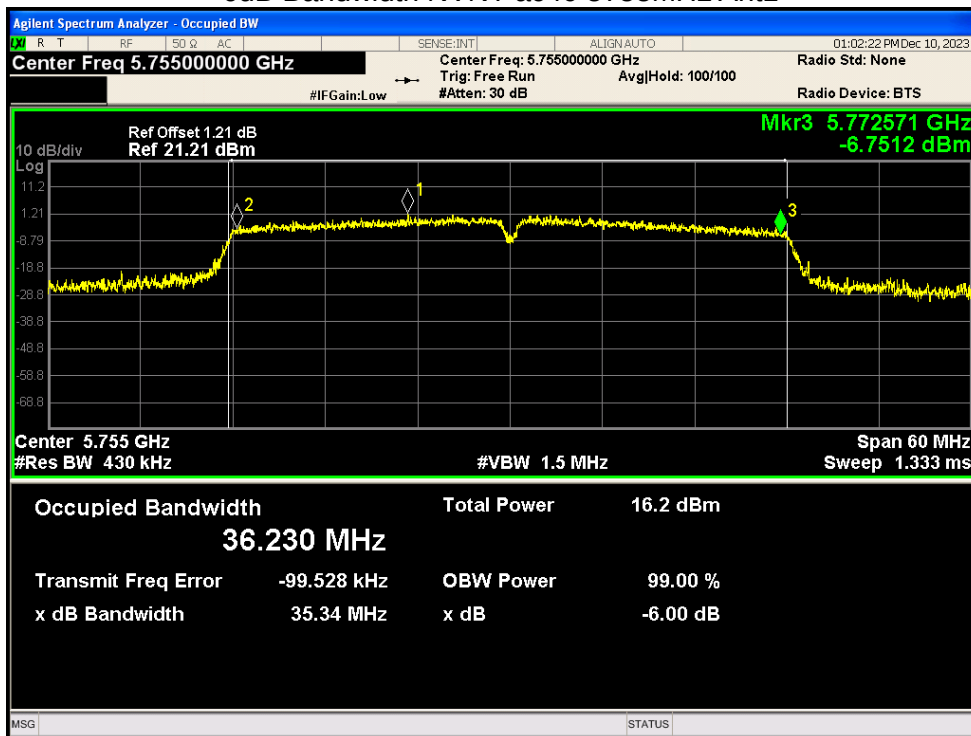
-6dB Bandwidth NVNT ac20 5785MHz Ant1



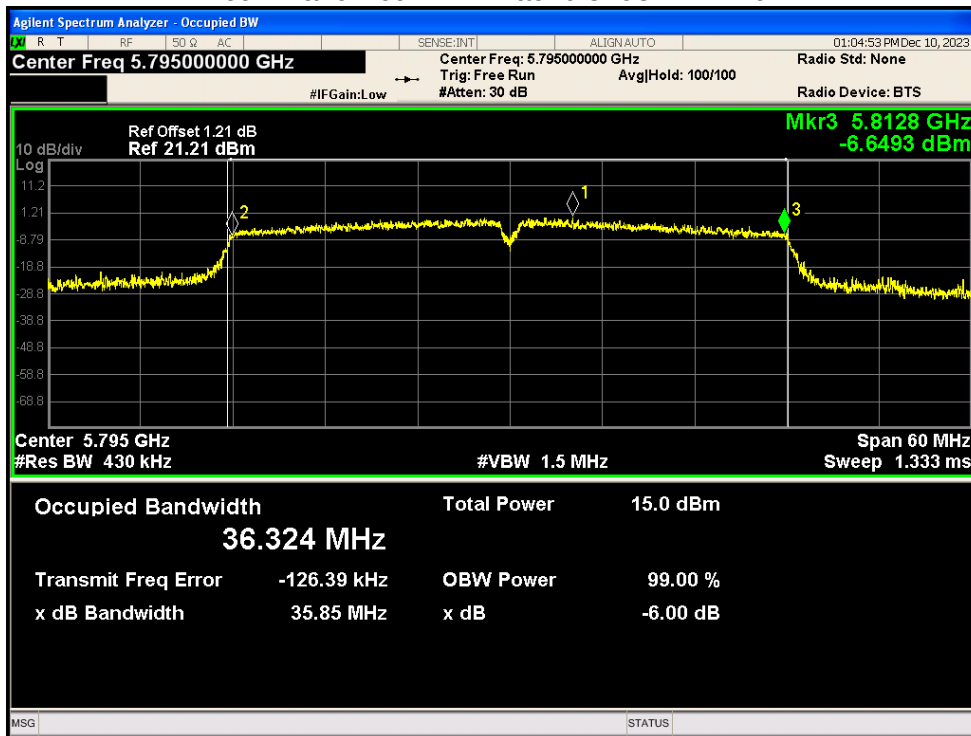
-6dB Bandwidth NVNT ac20 5825MHz Ant1



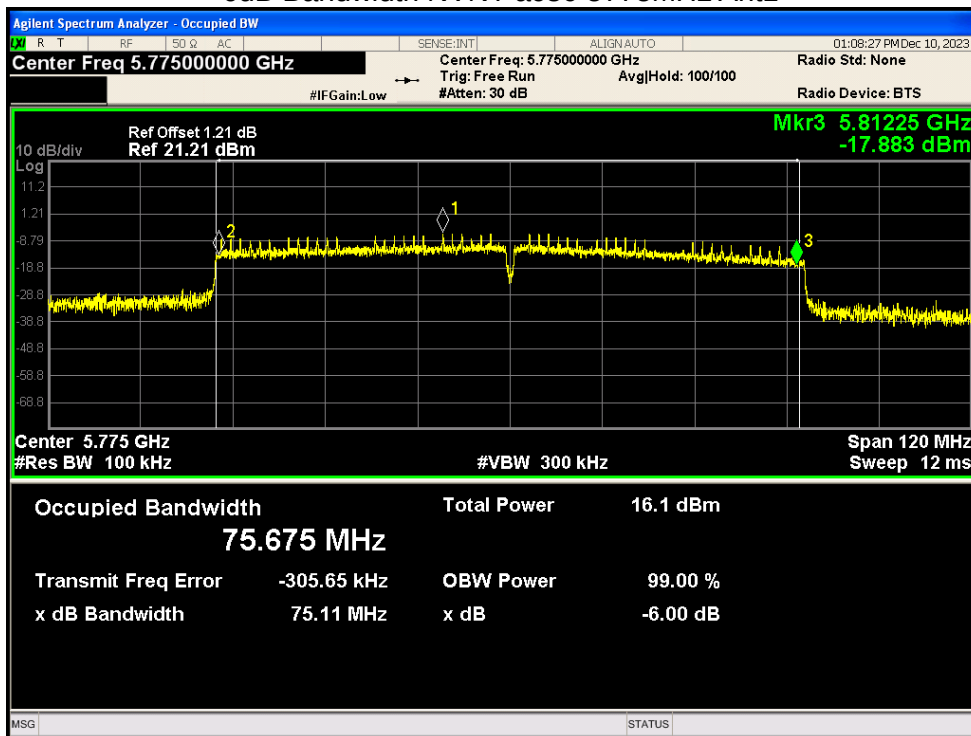
-6dB Bandwidth NVNT ac40 5755MHz Ant1



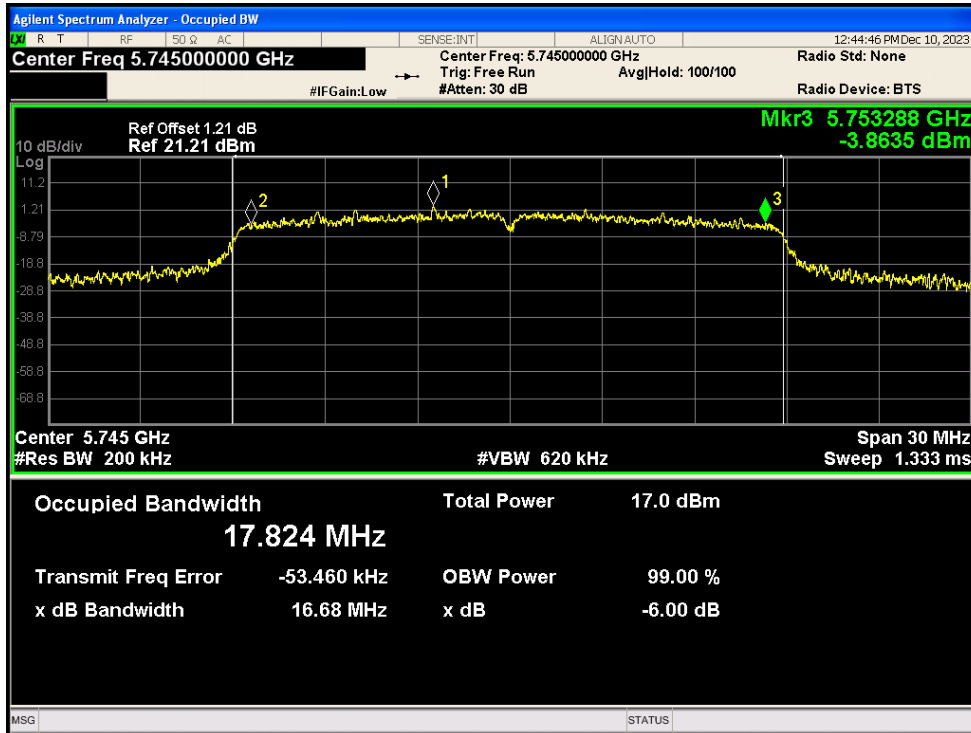
-6dB Bandwidth NVNT ac40 5795MHz Ant1



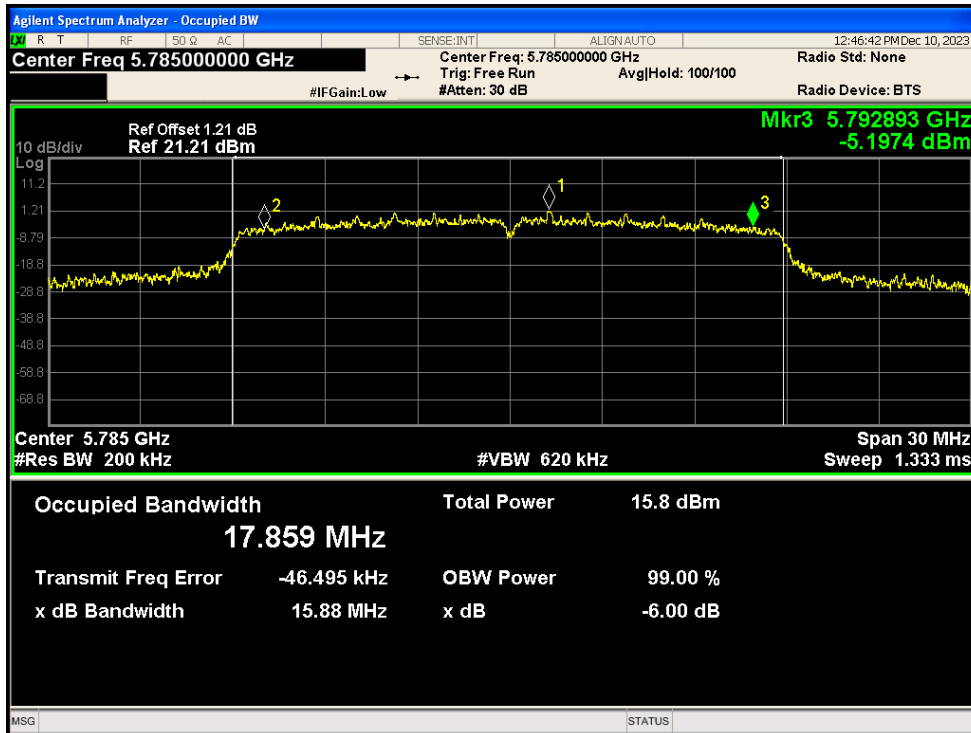
-6dB Bandwidth NVNT ac80 5775MHz Ant1



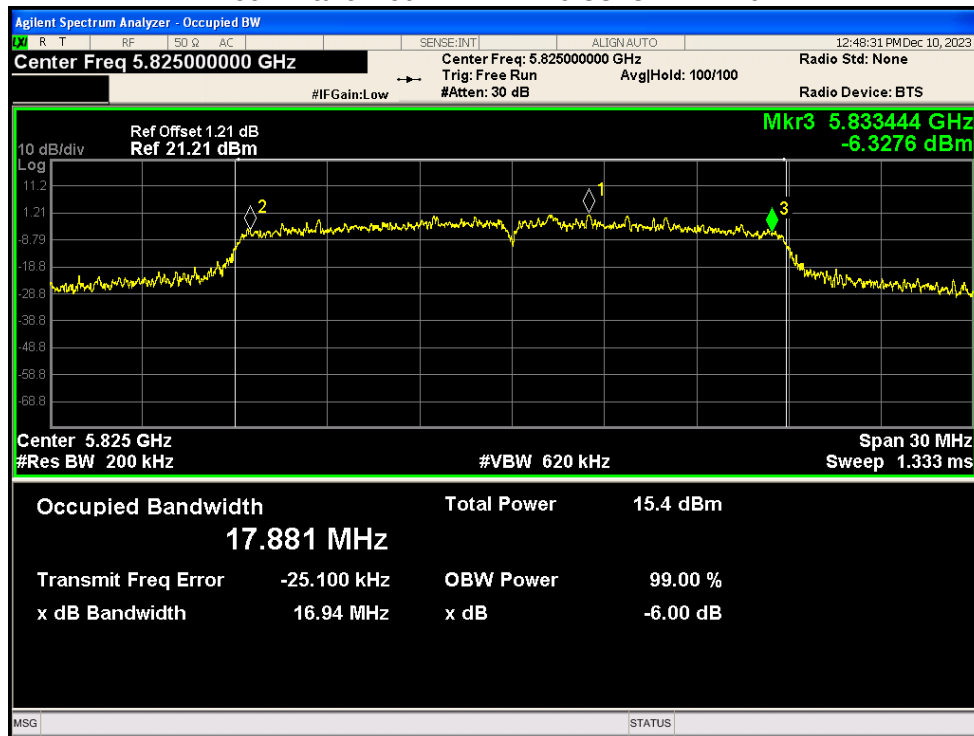
-6dB Bandwidth NVNT n20 5745MHz Ant1



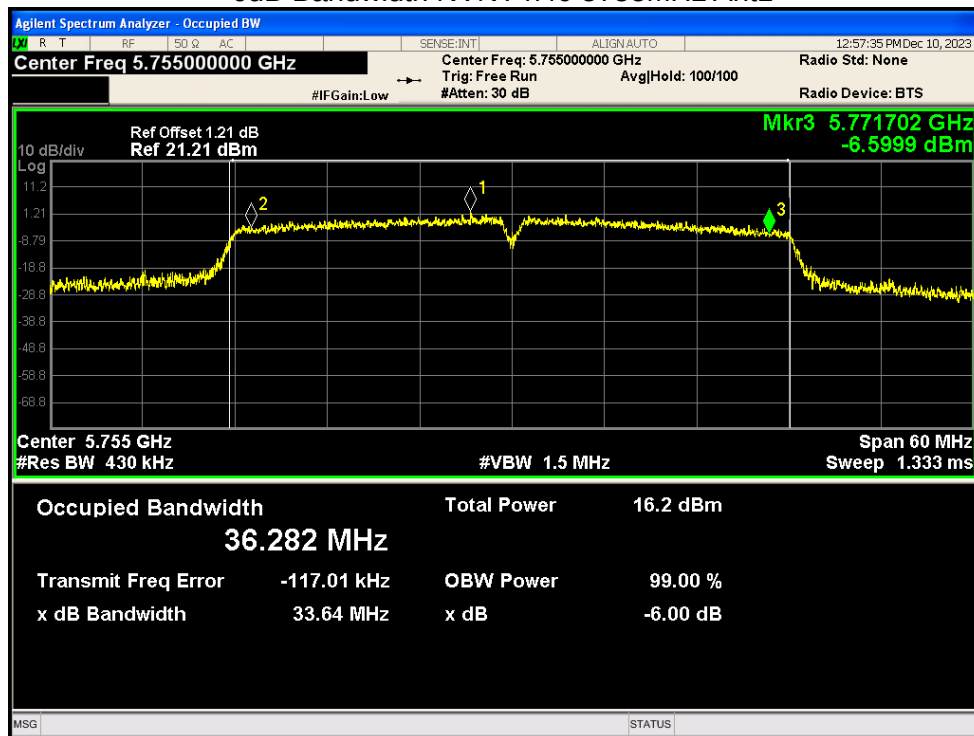
-6dB Bandwidth NVNT n20 5785MHz Ant1



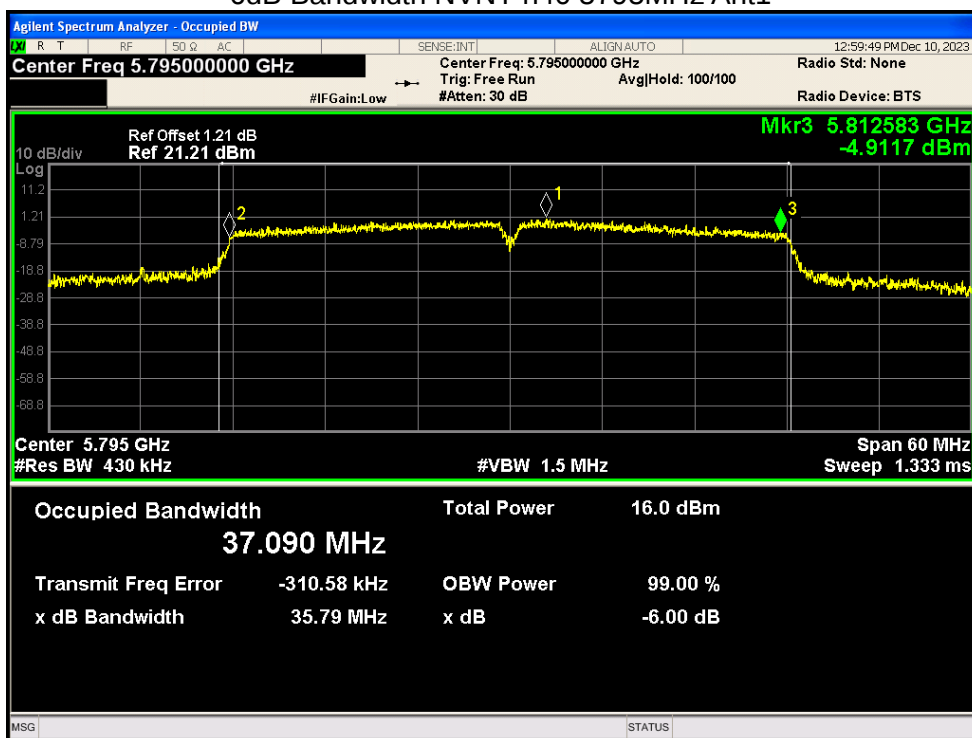
-6dB Bandwidth NVNT n20 5825MHz Ant1



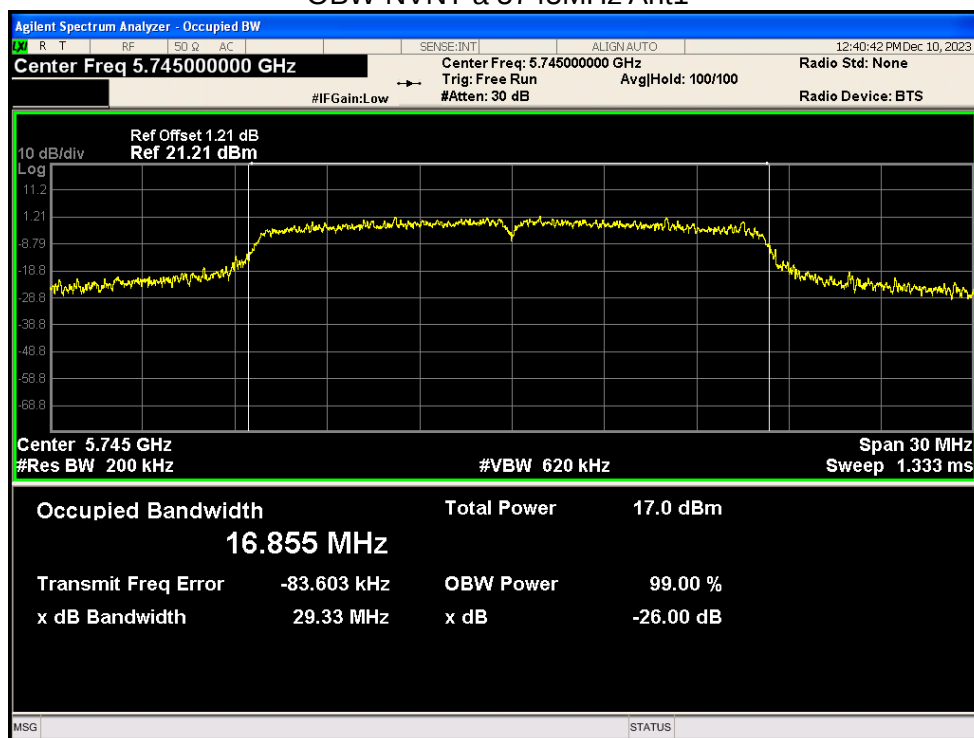
-6dB Bandwidth NVNT n40 5755MHz Ant1



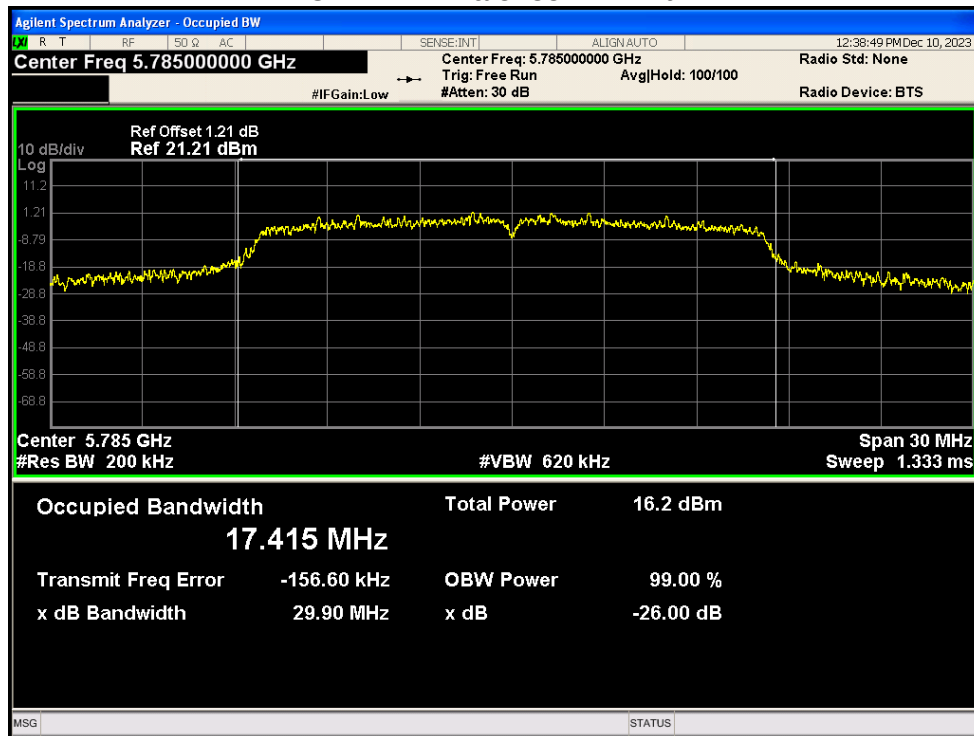
-6dB Bandwidth NVNT n40 5795MHz Ant1



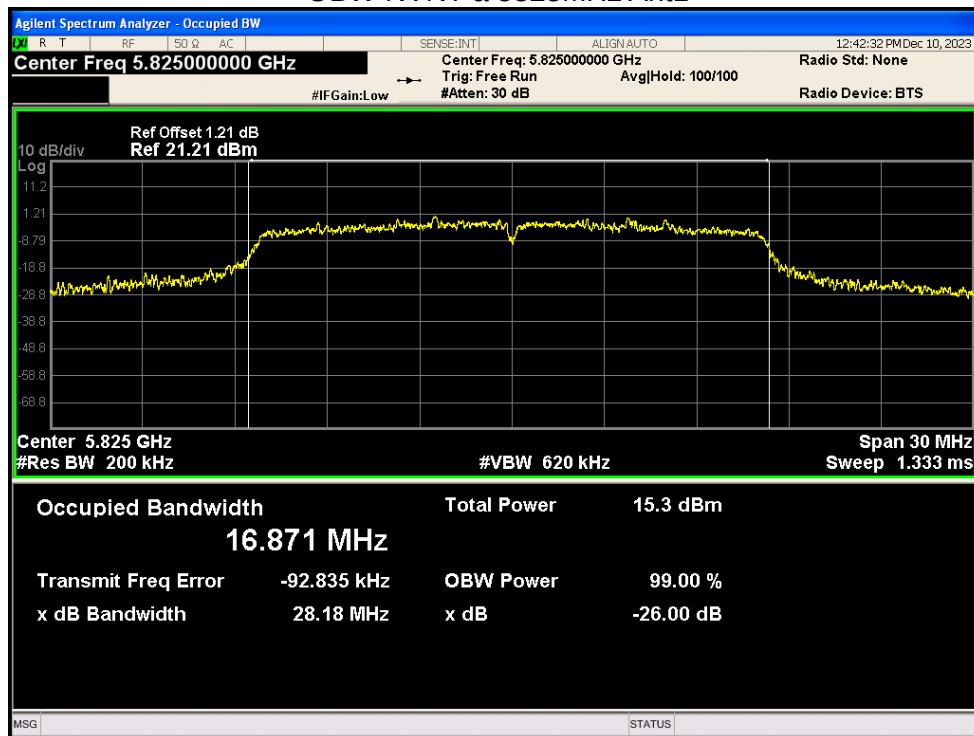
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.855
NVNT	a	5785	Ant1	17.415
NVNT	a	5825	Ant1	16.871
NVNT	ac20	5745	Ant1	17.677
NVNT	ac20	5785	Ant1	17.945
NVNT	ac20	5825	Ant1	17.85
NVNT	ac40	5755	Ant1	36.291
NVNT	ac40	5795	Ant1	36.415
NVNT	ac80	5775	Ant1	75.895
NVNT	n20	5745	Ant1	17.861
NVNT	n20	5785	Ant1	17.895
NVNT	n20	5825	Ant1	17.848
NVNT	n40	5755	Ant1	36.245
NVNT	n40	5795	Ant1	37.044



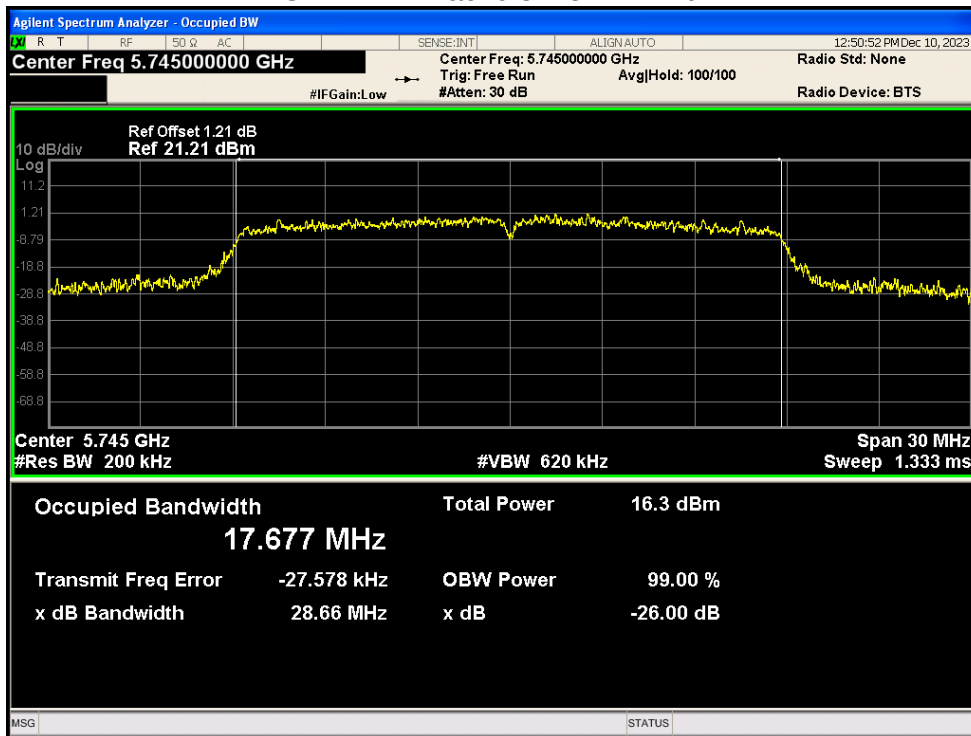
OBW NVNT a 5785MHz Ant1



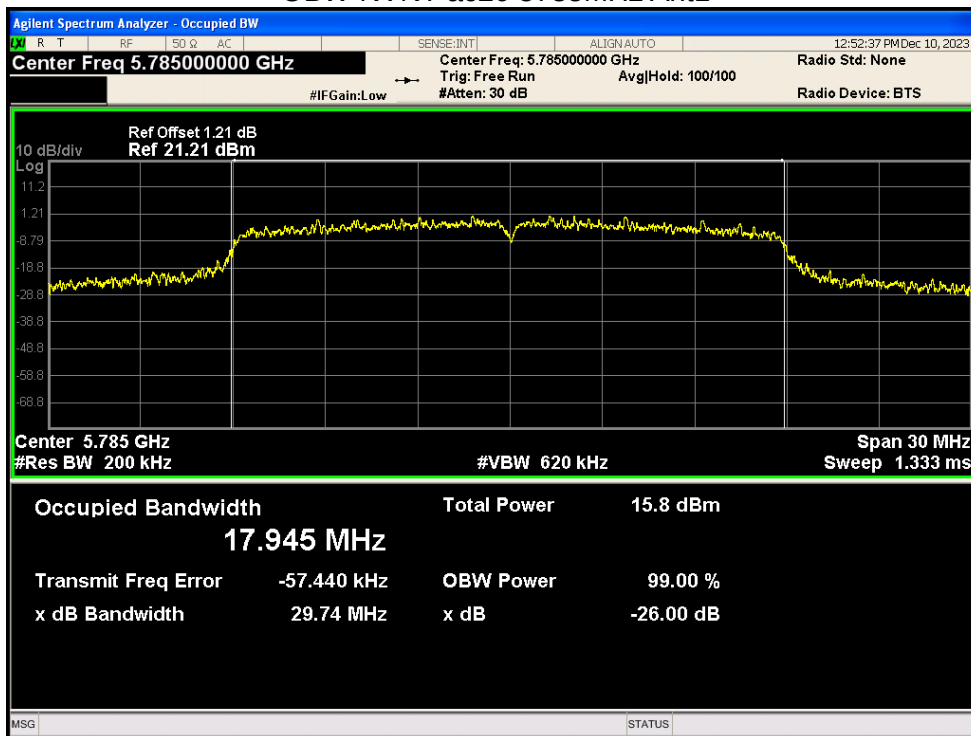
OBW NVNT a 5825MHz Ant1



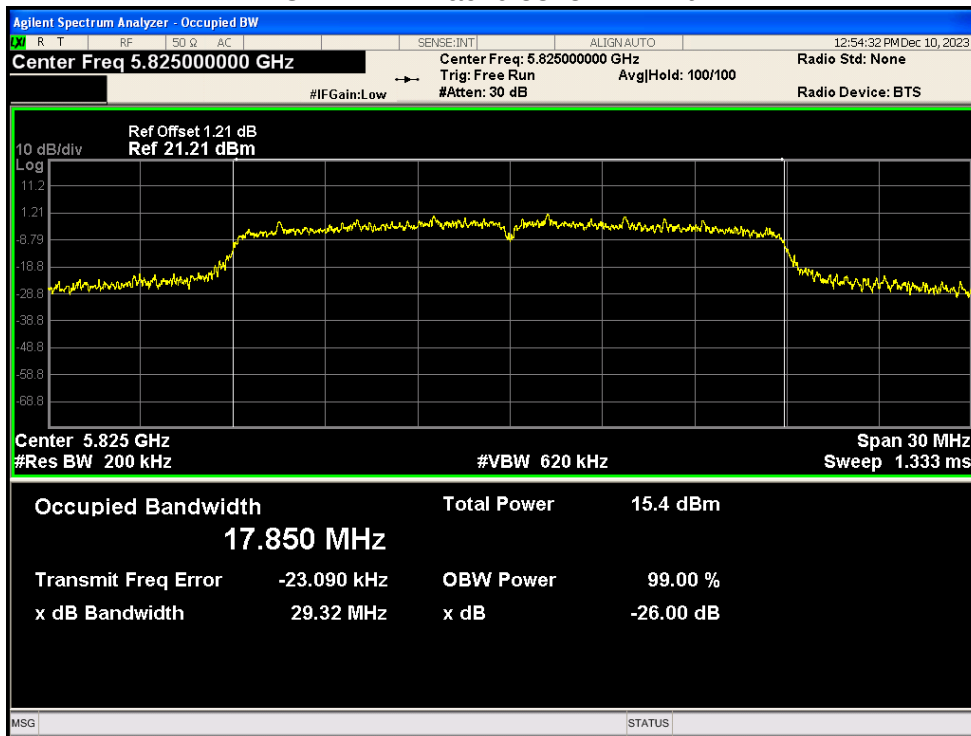
OBW NVNT ac20 5745MHz Ant1



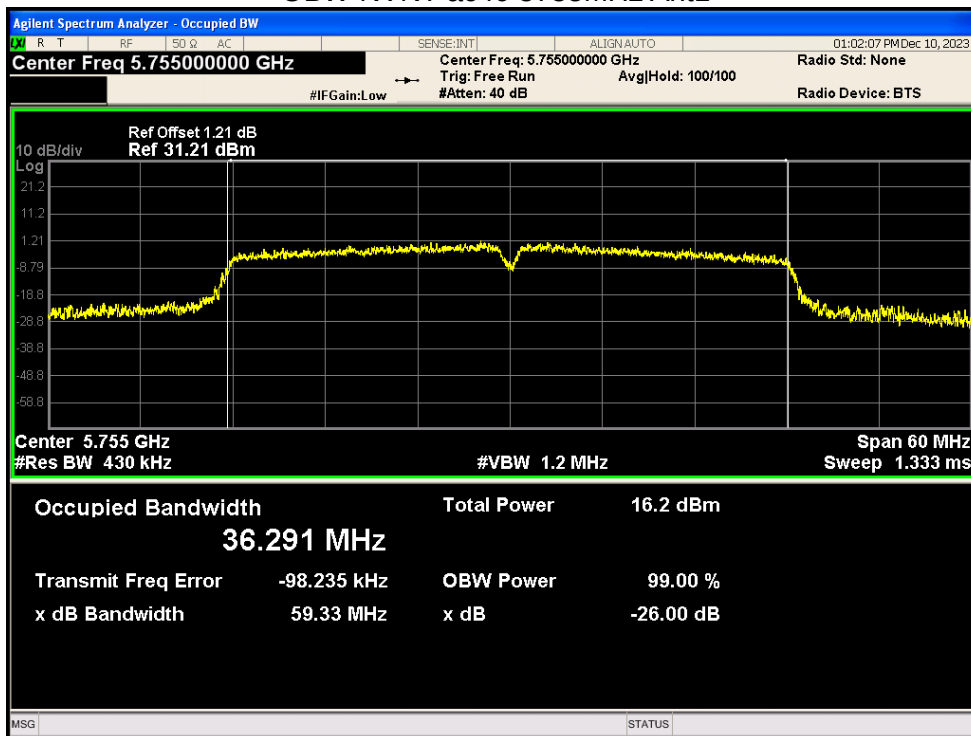
OBW NVNT ac20 5785MHz Ant1



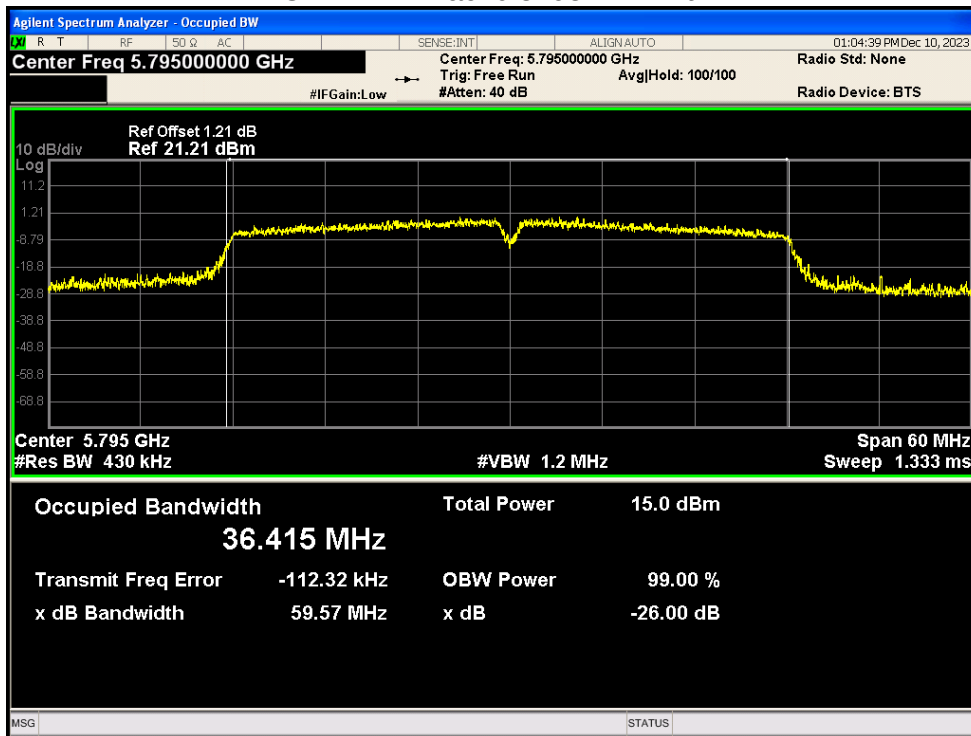
OBW NVNT ac20 5825MHz Ant1



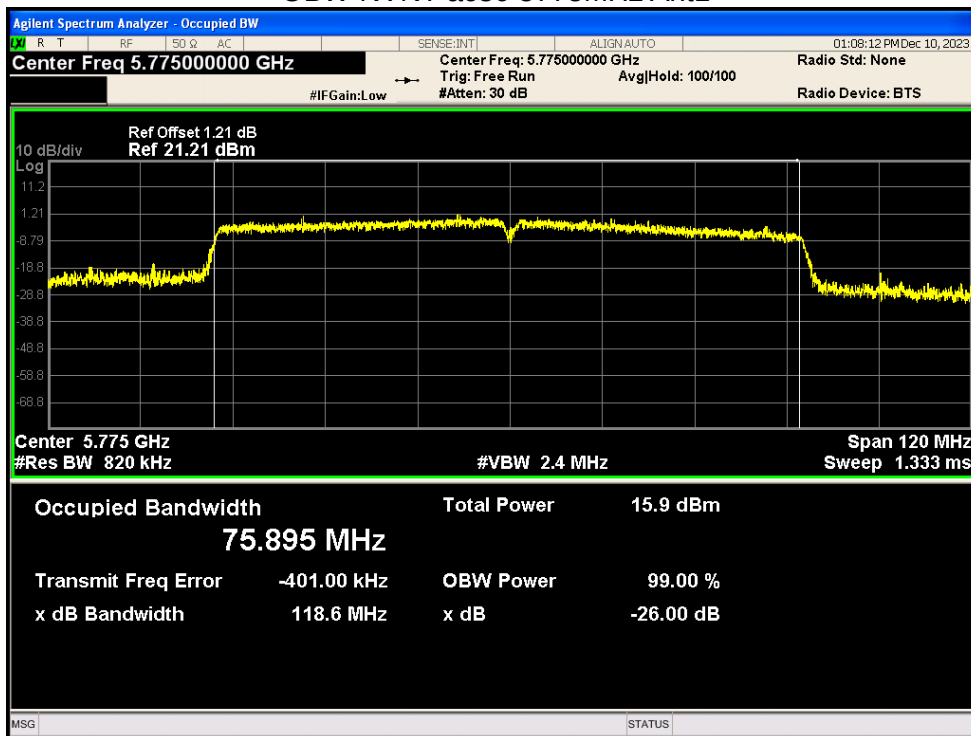
OBW NVNT ac40 5755MHz Ant1



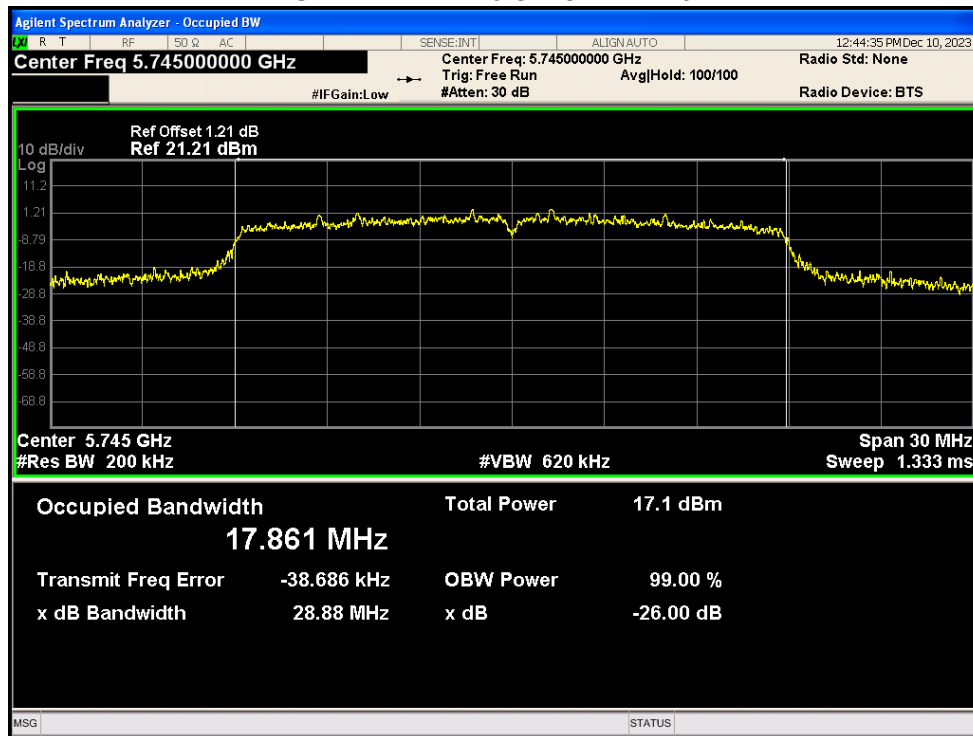
OBW NVNT ac40 5795MHz Ant1



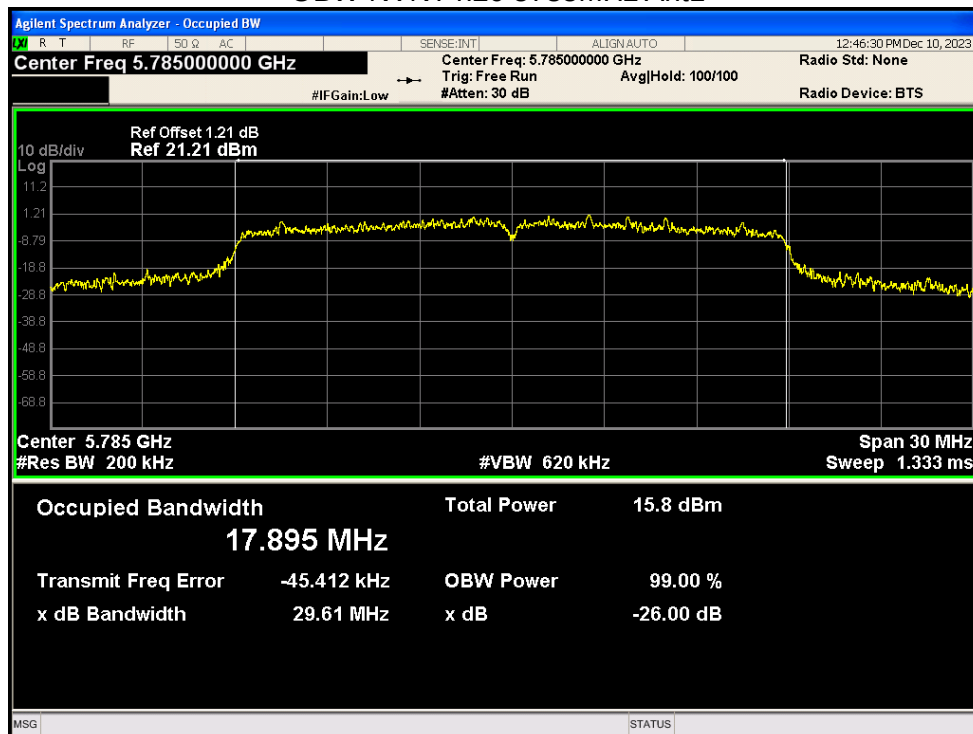
OBW NVNT ac80 5775MHz Ant1



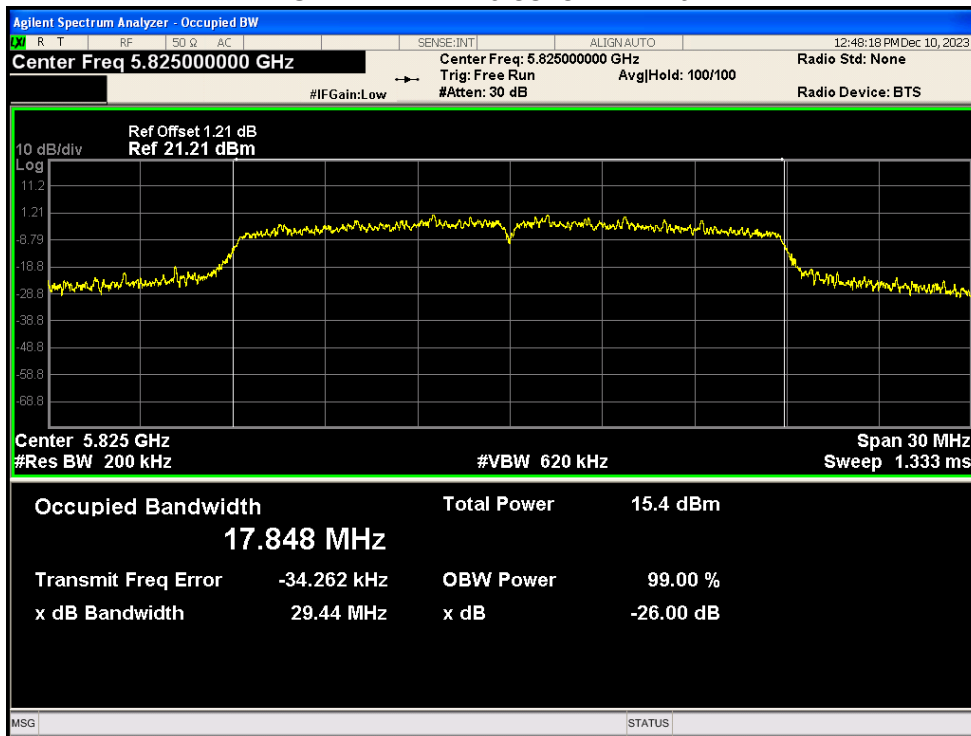
OBW NVNT n20 5745MHz Ant1



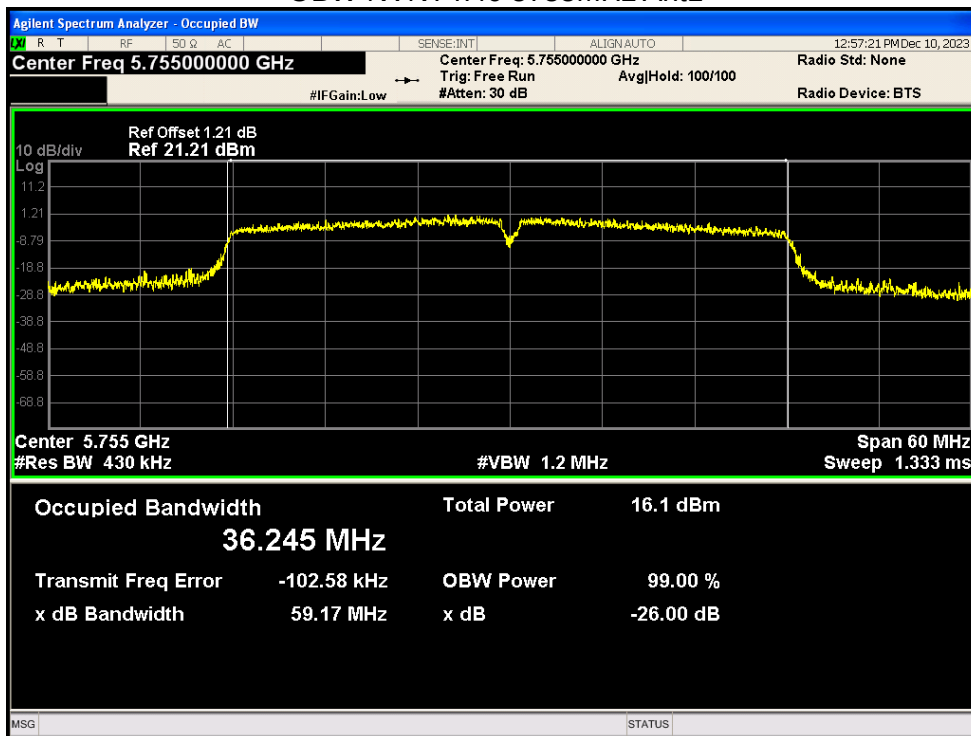
OBW NVNT n20 5785MHz Ant1



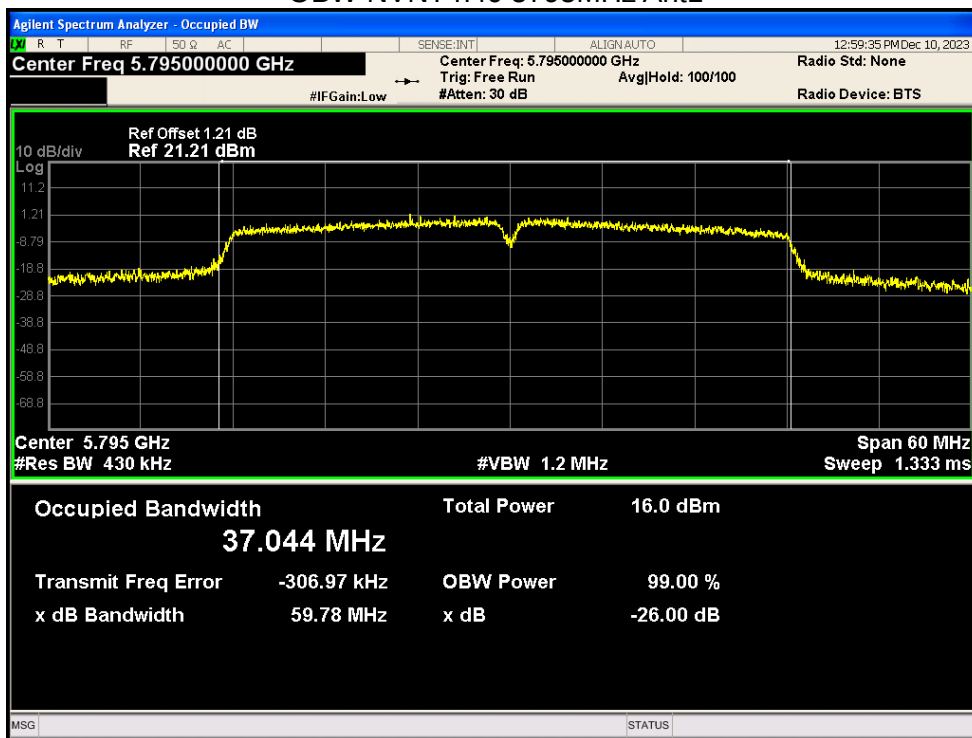
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



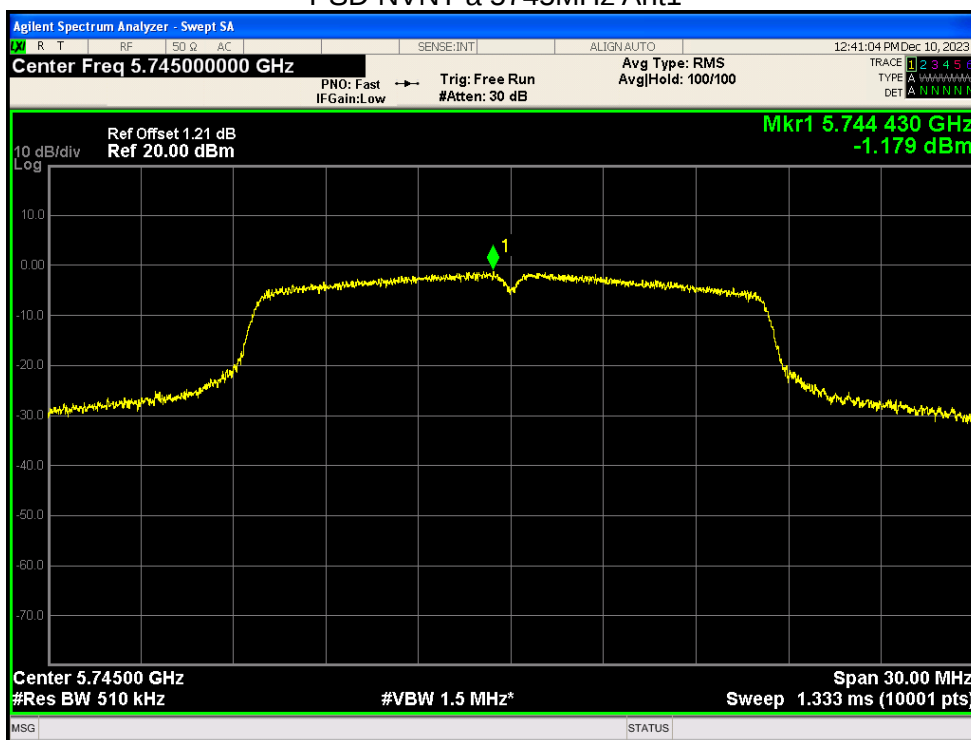
OBW NVNT n40 5795MHz Ant1



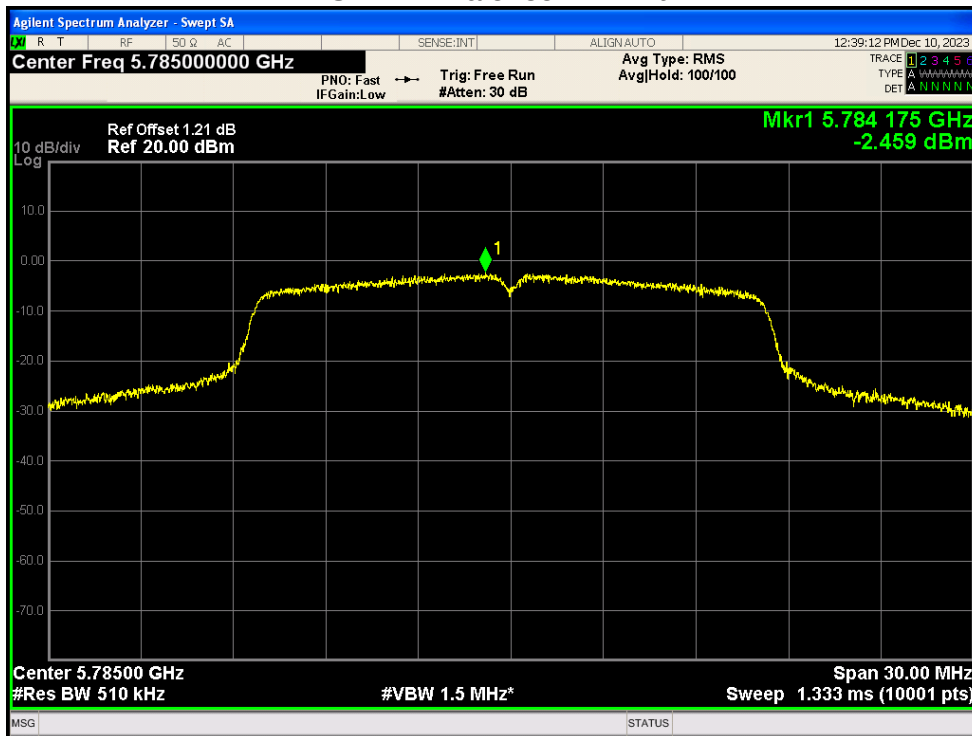
5.2.5 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total Max PSD (dBm/500kHz)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-1.179	0.08	-1.099	30	Pass
NVNT	a	5785	Ant1	-2.459	0.08	-2.379	30	Pass
NVNT	a	5825	Ant1	-3.174	0.08	-3.094	30	Pass
NVNT	ac20	5745	Ant1	-2.229	0.08	-2.149	30	Pass
NVNT	ac20	5785	Ant1	-2.917	0.08	-2.837	30	Pass
NVNT	ac20	5825	Ant1	-3.25	0.08	-3.17	30	Pass
NVNT	ac40	5755	Ant1	-5.659	0.2	-5.459	30	Pass
NVNT	ac40	5795	Ant1	-6.784	0.24	-6.544	30	Pass
NVNT	ac80	5775	Ant1	-9.912	0.97	-8.942	30	Pass
NVNT	n20	5745	Ant1	-1.577	0.09	-1.487	30	Pass
NVNT	n20	5785	Ant1	-2.873	0.08	-2.793	30	Pass
NVNT	n20	5825	Ant1	-3.315	0.08	-3.235	30	Pass
NVNT	n40	5755	Ant1	-5.589	0.24	-5.349	30	Pass
NVNT	n40	5795	Ant1	-5.674	0.23	-5.444	30	Pass

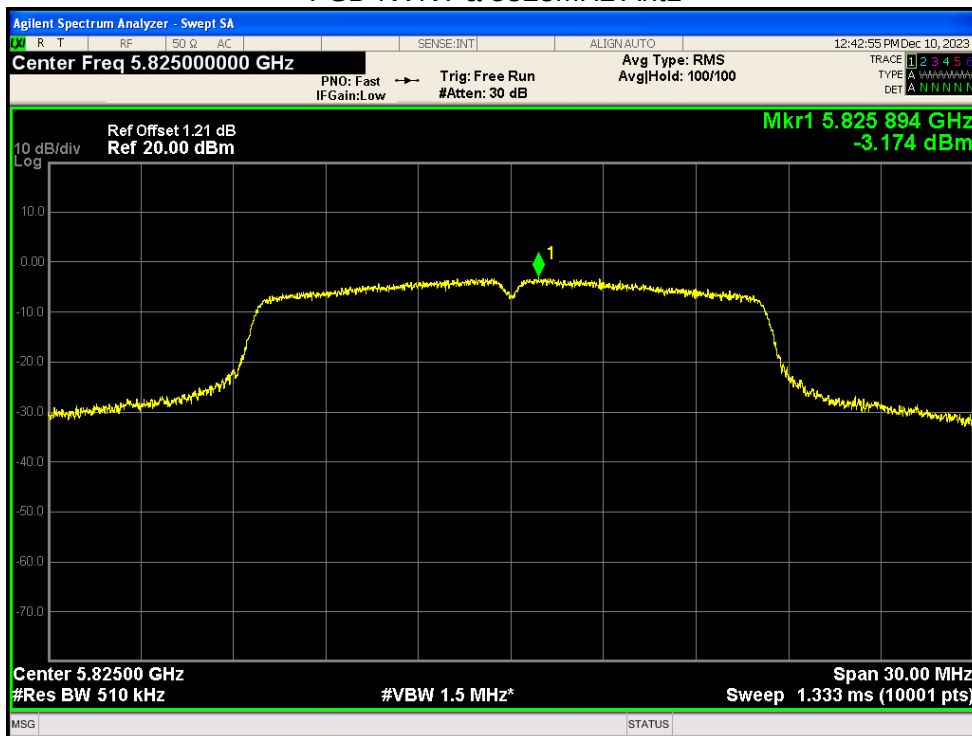
PSD NVNT a 5745MHz Ant1



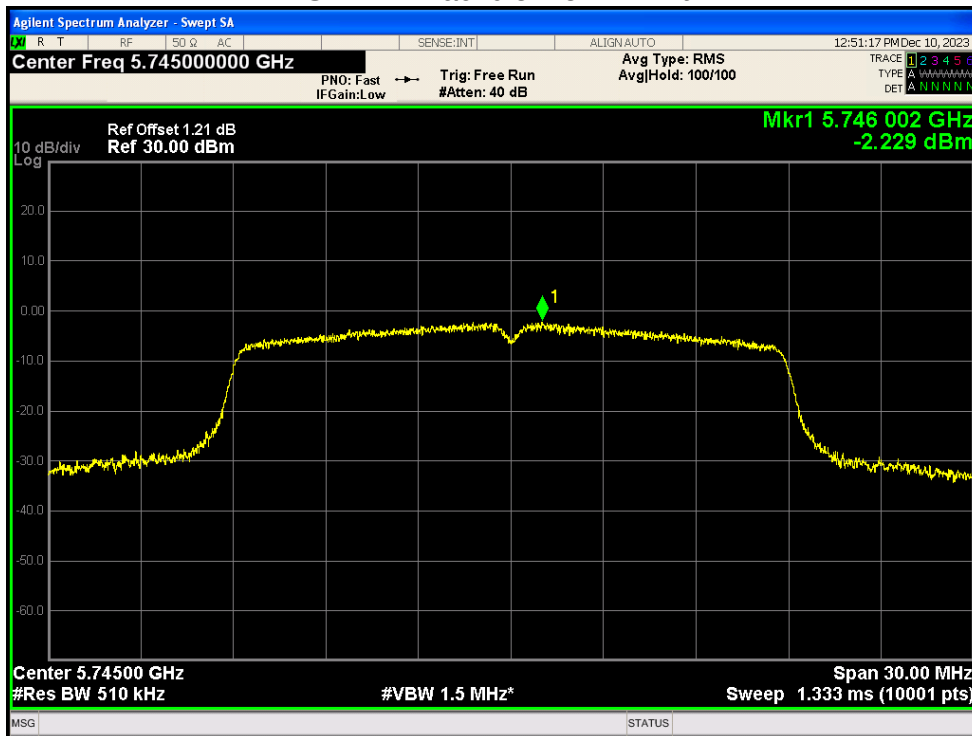
PSD NVNT a 5785MHz Ant1



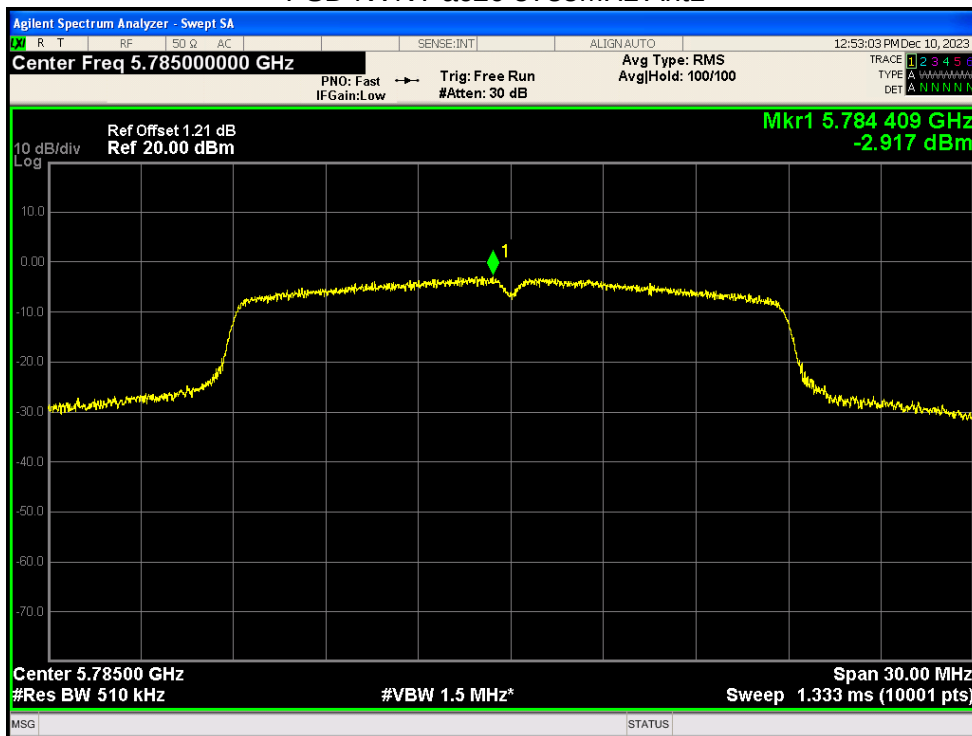
PSD NVNT a 5825MHz Ant1



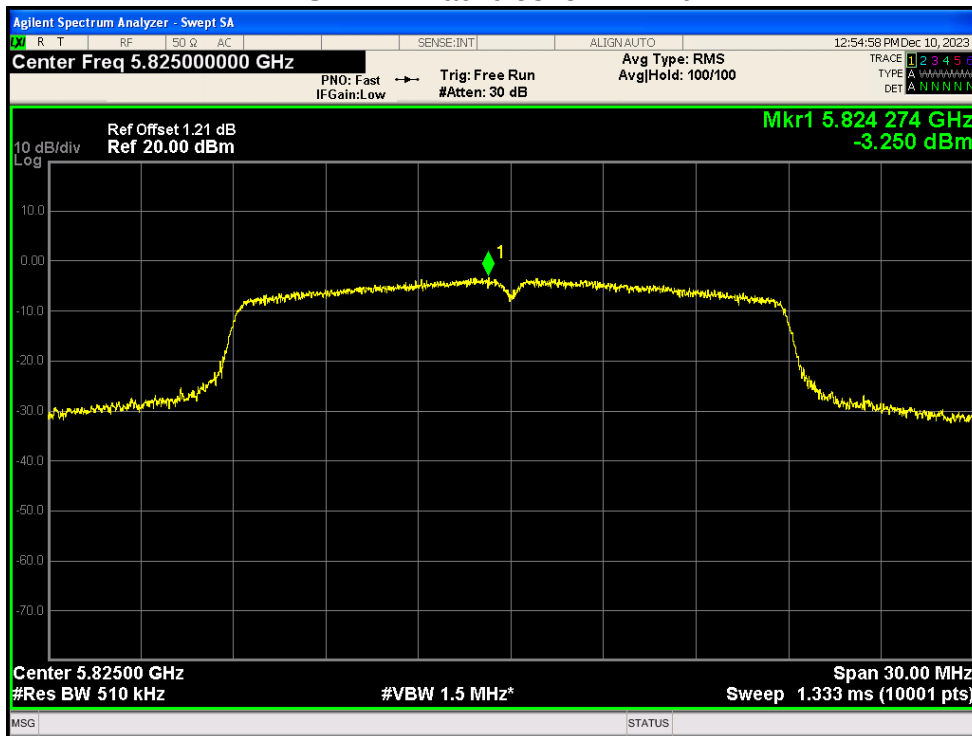
PSD NVNT ac20 5745MHz Ant1



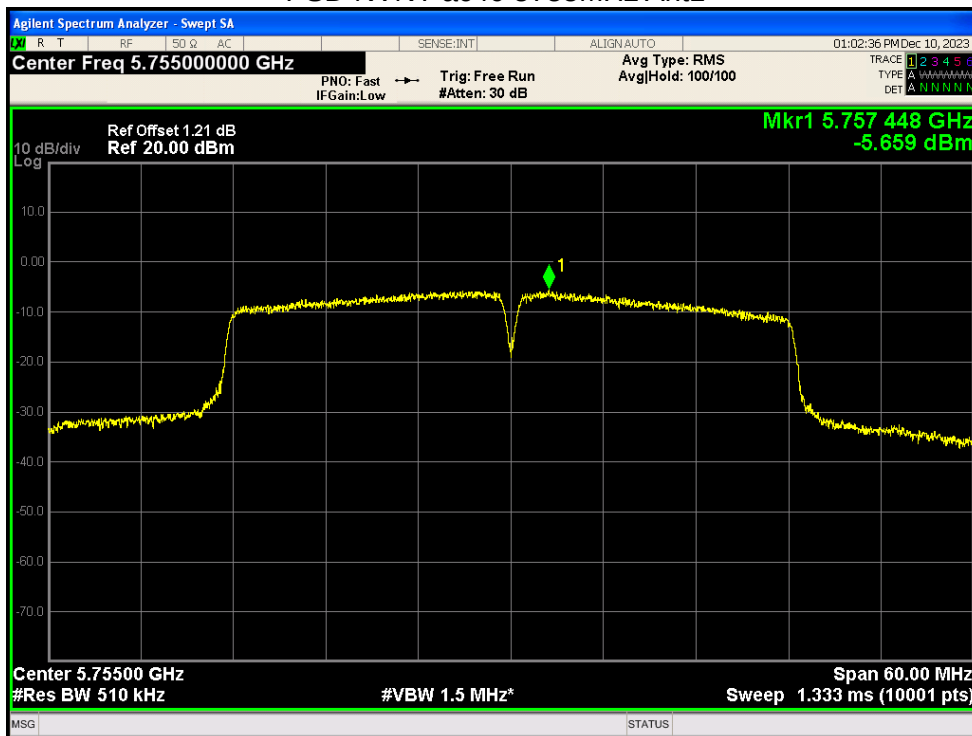
PSD NVNT ac20 5785MHz Ant1



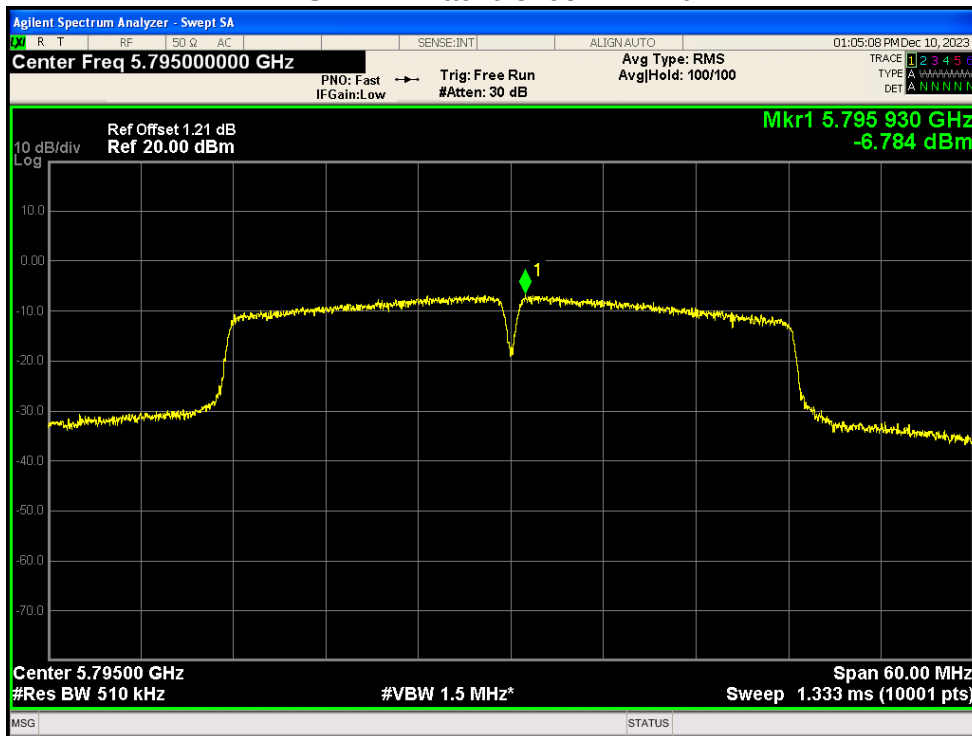
PSD NVNT ac20 5825MHz Ant1



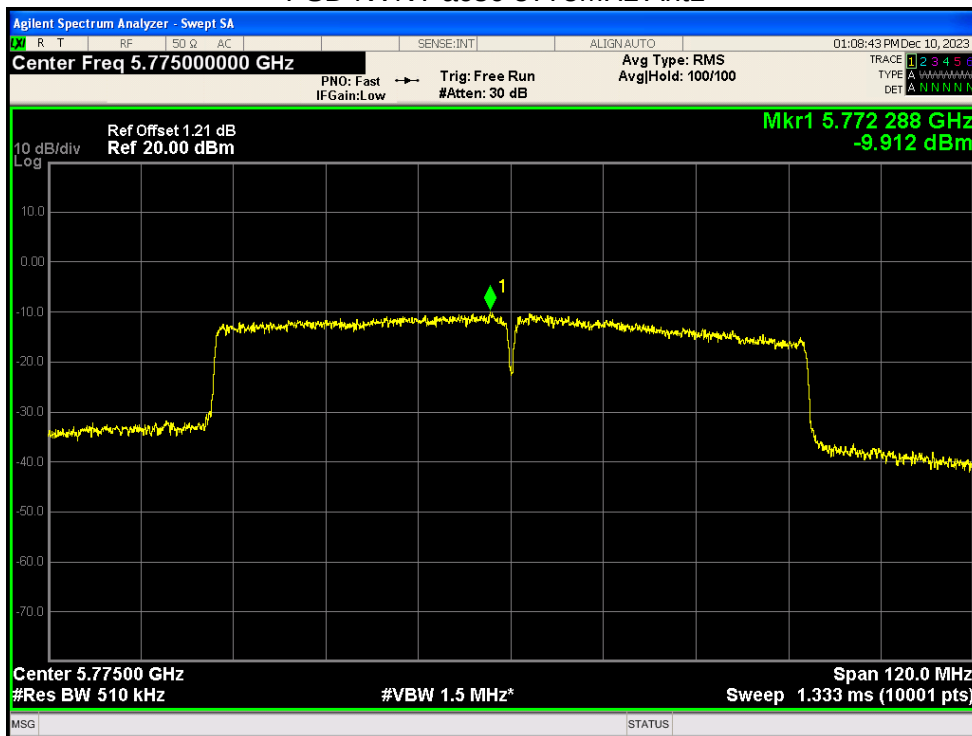
PSD NVNT ac40 5755MHz Ant1



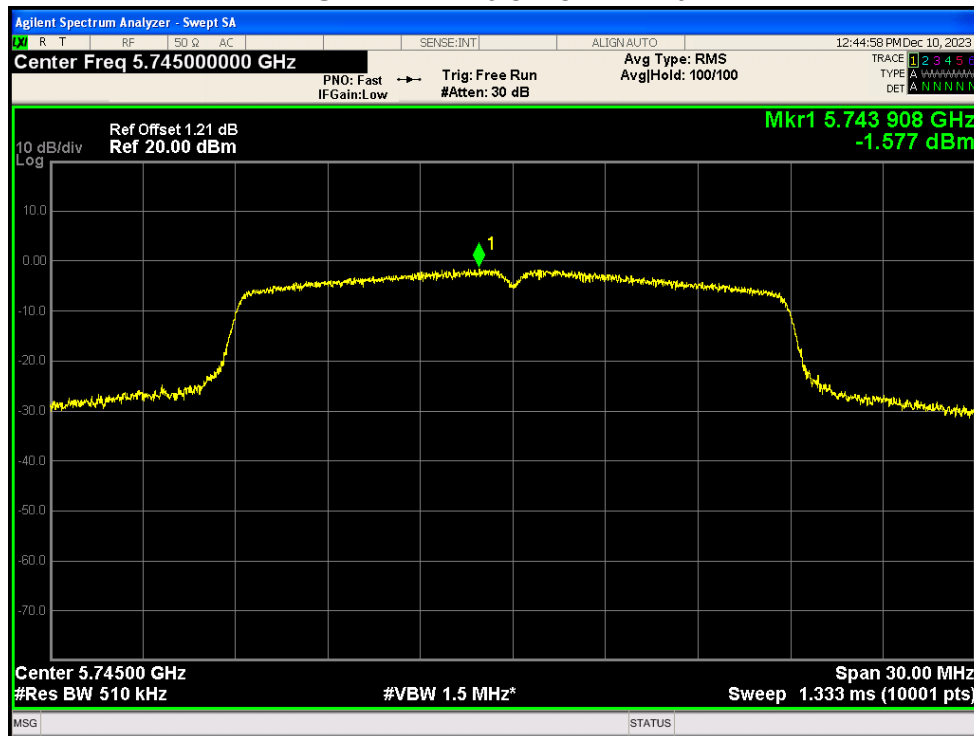
PSD NVNT ac40 5795MHz Ant1



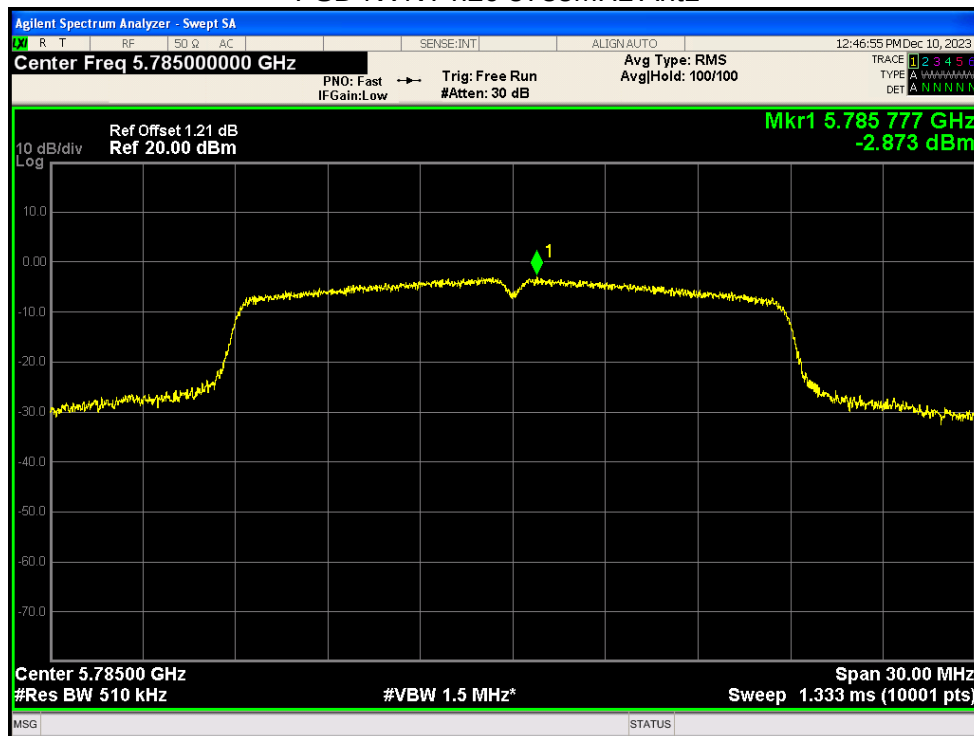
PSD NVNT ac80 5775MHz Ant1



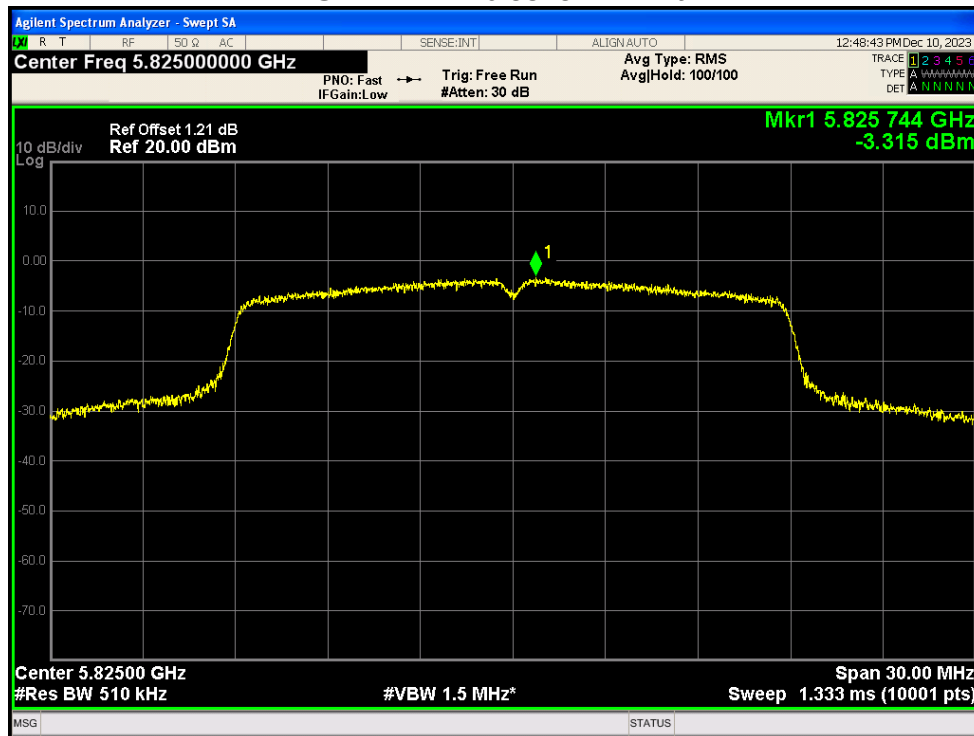
PSD NVNT n20 5745MHz Ant1



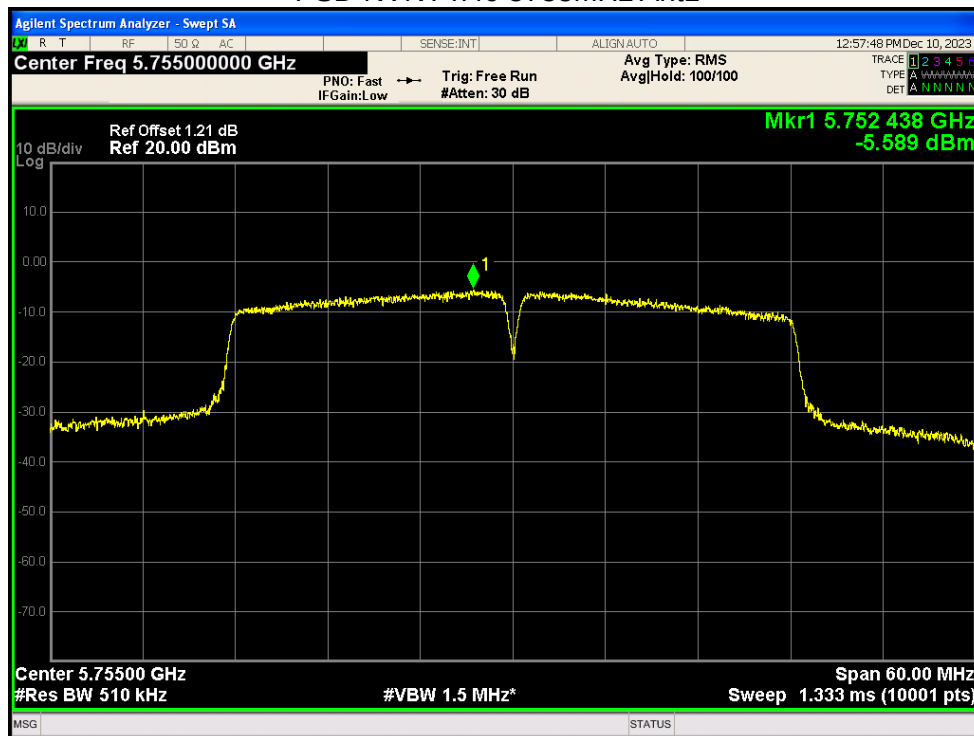
PSD NVNT n20 5785MHz Ant1



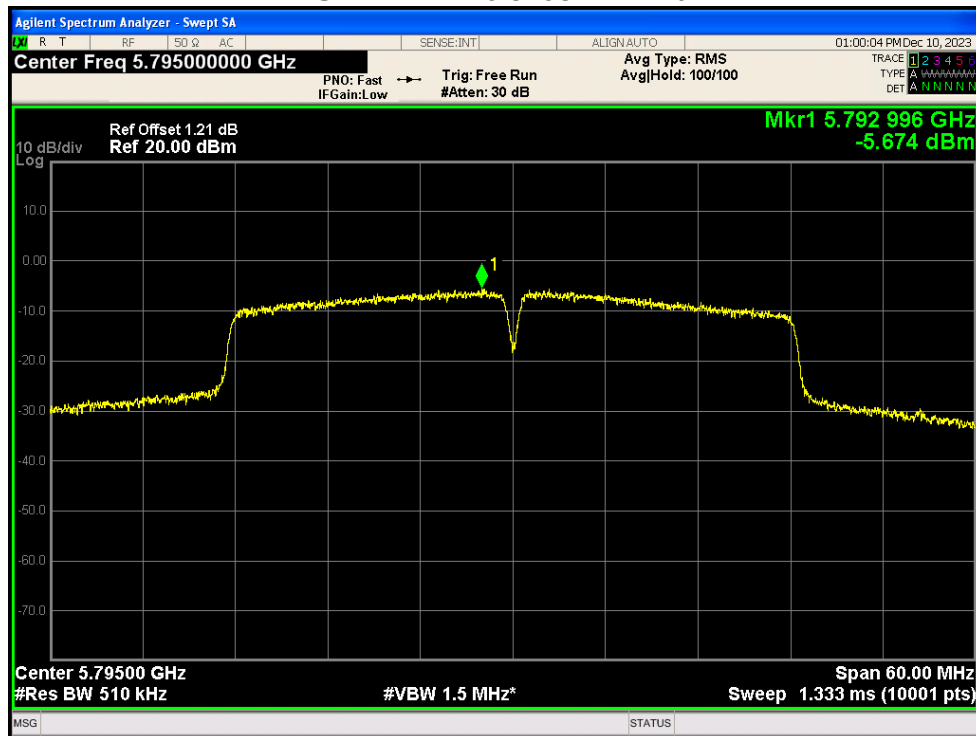
PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



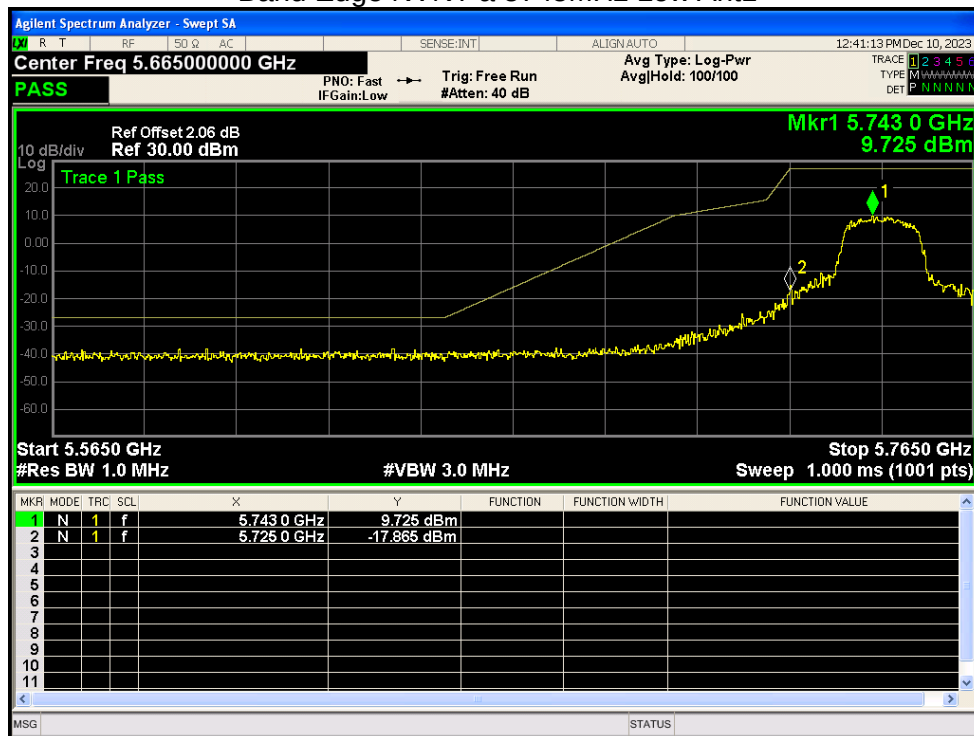
PSD NVNT n40 5795MHz Ant1



5.2.6 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-17.86		Pass
NVNT	a	5825	Ant1	-29.05		Pass
NVNT	ac20	5745	Ant1	-20.82		Pass
NVNT	ac20	5825	Ant1	-24.12		Pass
NVNT	ac40	5755	Ant1	-17.68		Pass
NVNT	ac40	5795	Ant1	-35.68		Pass
NVNT	ac80	5775	Ant1	-26.3		Pass
NVNT	n20	5745	Ant1	-18.57		Pass
NVNT	n20	5825	Ant1	-29.06		Pass
NVNT	n40	5755	Ant1	-16.24		Pass
NVNT	n40	5795	Ant1	-31.79		Pass

Band Edge NVNT a 5745MHz Low Ant1



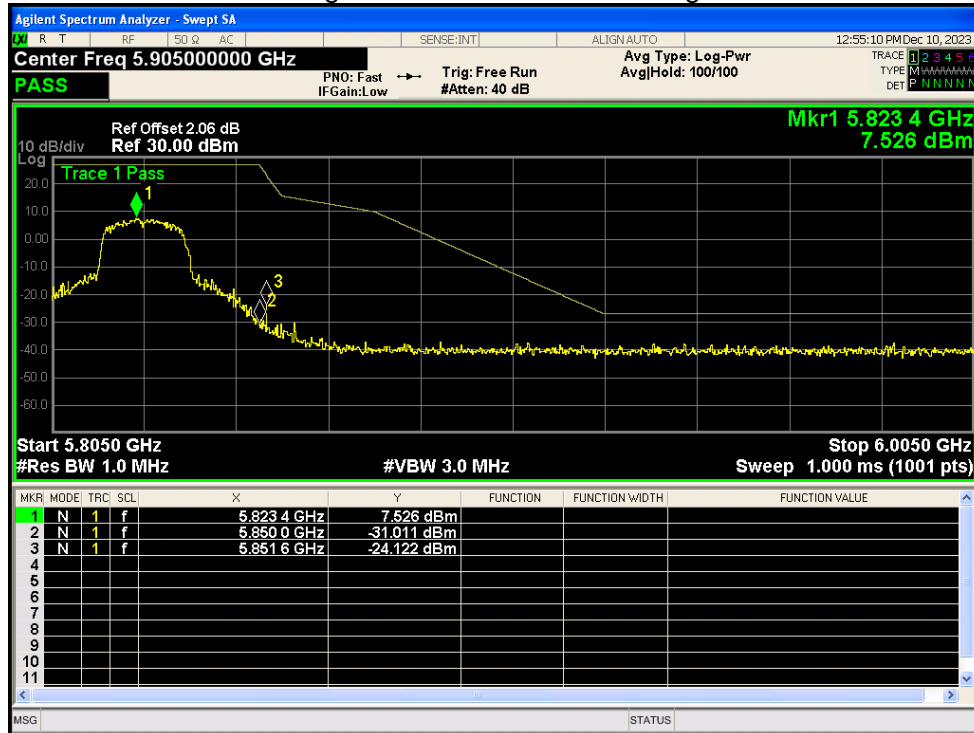
Band Edge NVNT a 5825MHz High Ant1



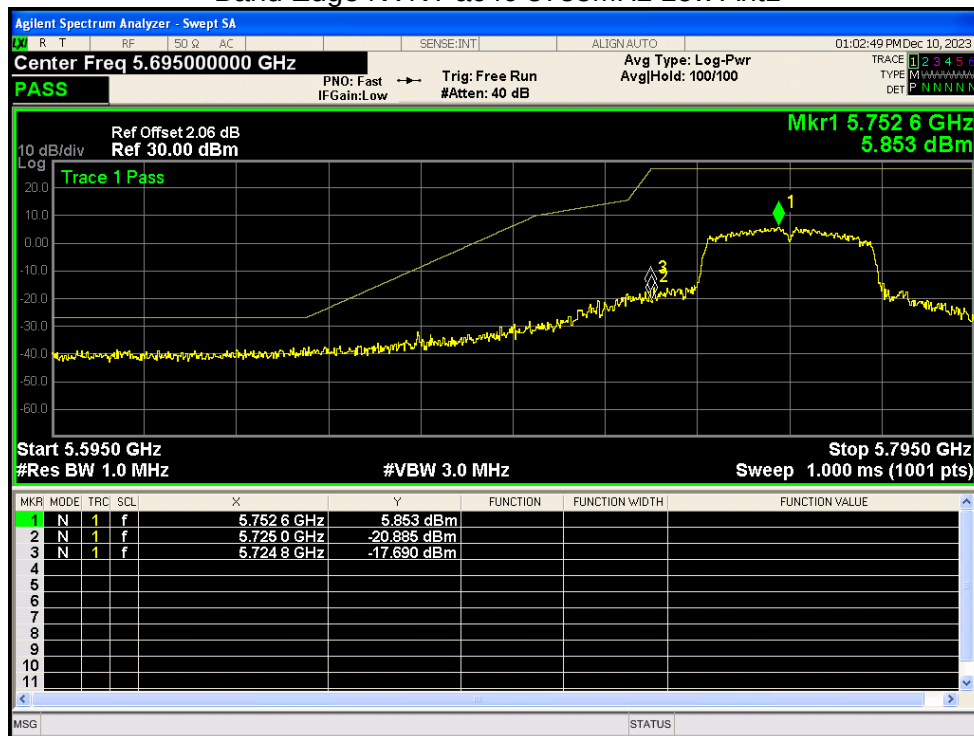
Band Edge NVNT ac20 5745MHz Low Ant1



Band Edge NVNT ac20 5825MHz High Ant1



Band Edge NVNT ac40 5755MHz Low Ant1



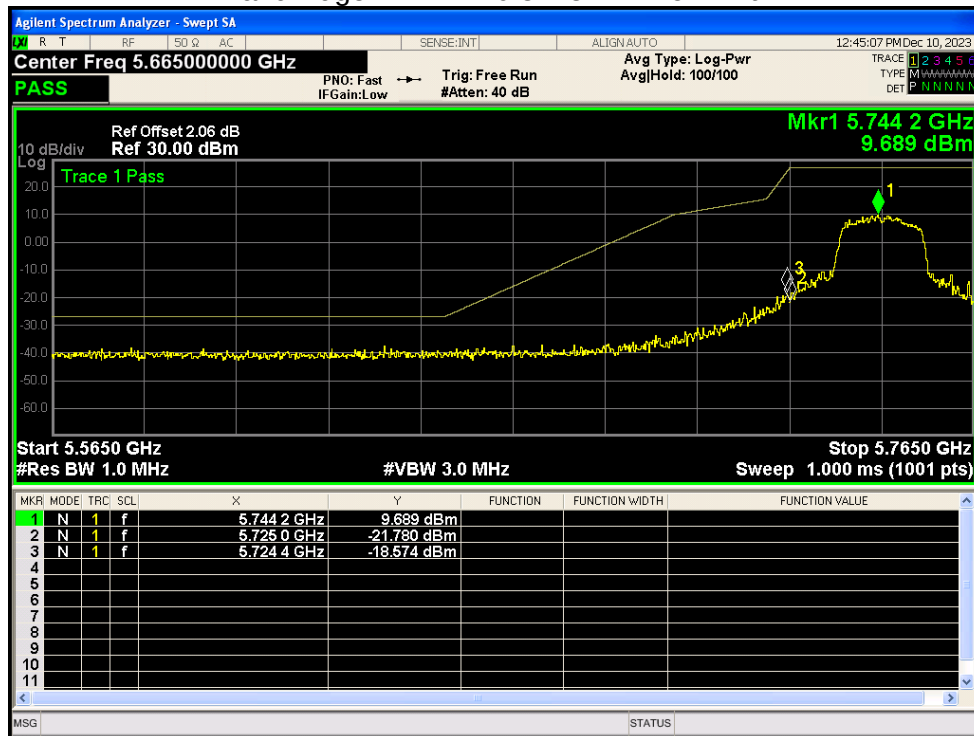
Band Edge NVNT ac40 5795MHz High Ant1



Band Edge NVNT ac80 5775MHz High Ant1



Band Edge NVNT n20 5745MHz Low Ant1



Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1



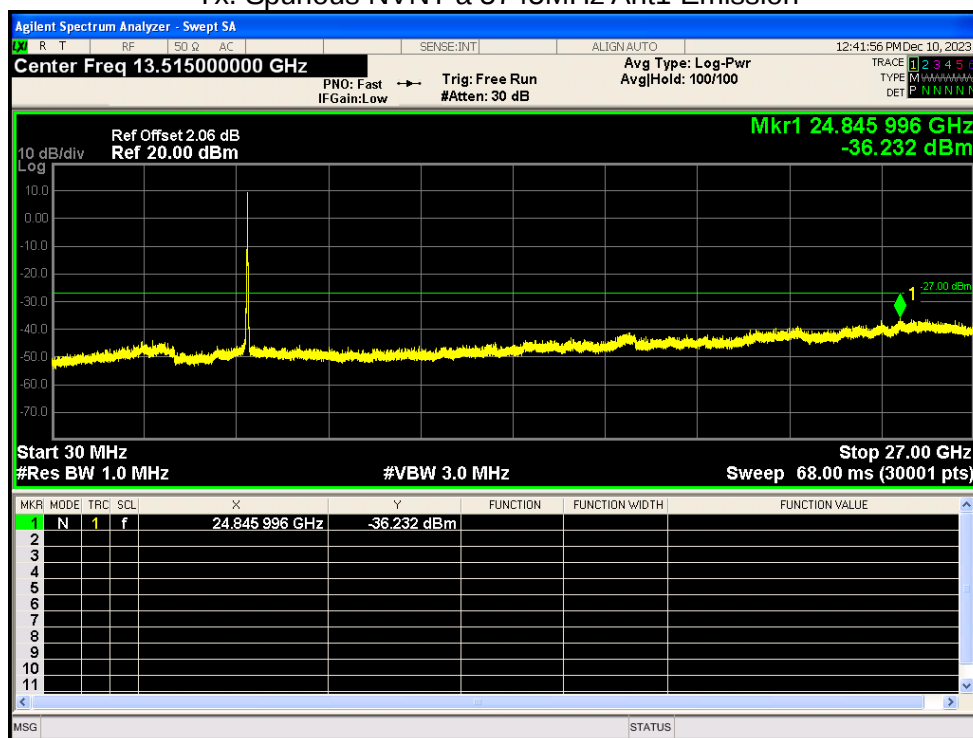
Band Edge NVNT n40 5795MHz High Ant1



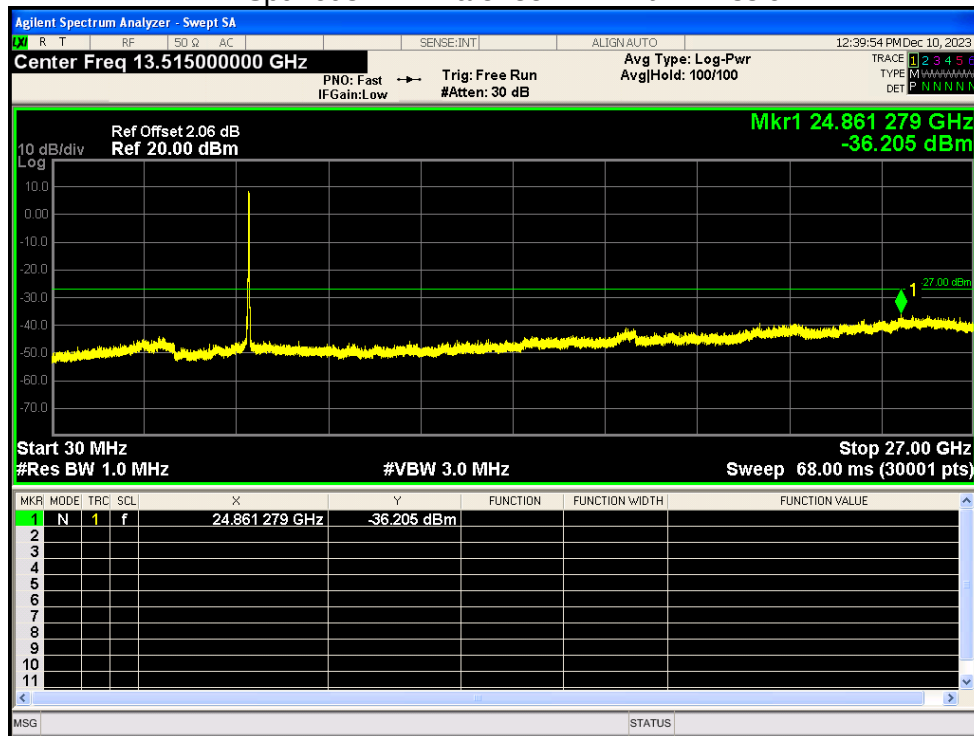
5.2.7 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-36.23	-27	Pass
NVNT	a	5785	Ant1	-36.2	-27	Pass
NVNT	a	5825	Ant1	-36.32	-27	Pass
NVNT	ac20	5745	Ant1	-37.03	-27	Pass
NVNT	ac20	5785	Ant1	-36.38	-27	Pass
NVNT	ac20	5825	Ant1	-36.01	-27	Pass
NVNT	ac40	5755	Ant1	-36.36	-27	Pass
NVNT	ac40	5795	Ant1	-35.61	-27	Pass
NVNT	ac80	5775	Ant1	-35.93	-27	Pass
NVNT	n20	5745	Ant1	-36.23	-27	Pass
NVNT	n20	5785	Ant1	-36.52	-27	Pass
NVNT	n20	5825	Ant1	-35.96	-27	Pass
NVNT	n40	5755	Ant1	-36.2	-27	Pass
NVNT	n40	5795	Ant1	-36.61	-27	Pass

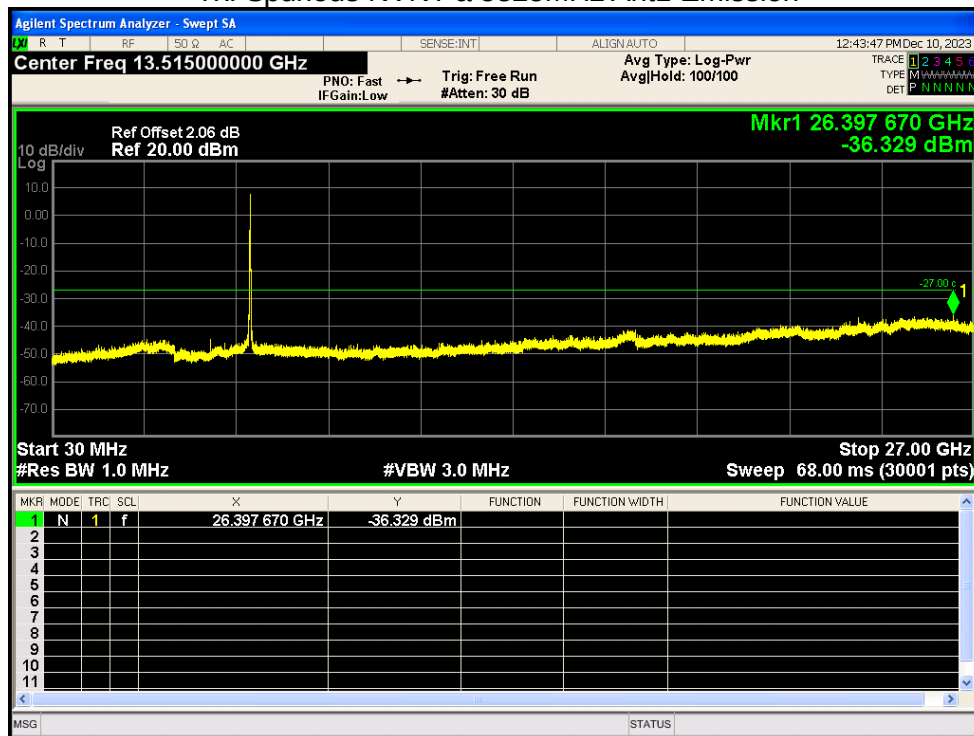
Tx. Spurious NVNT a 5745MHz Ant1 Emission



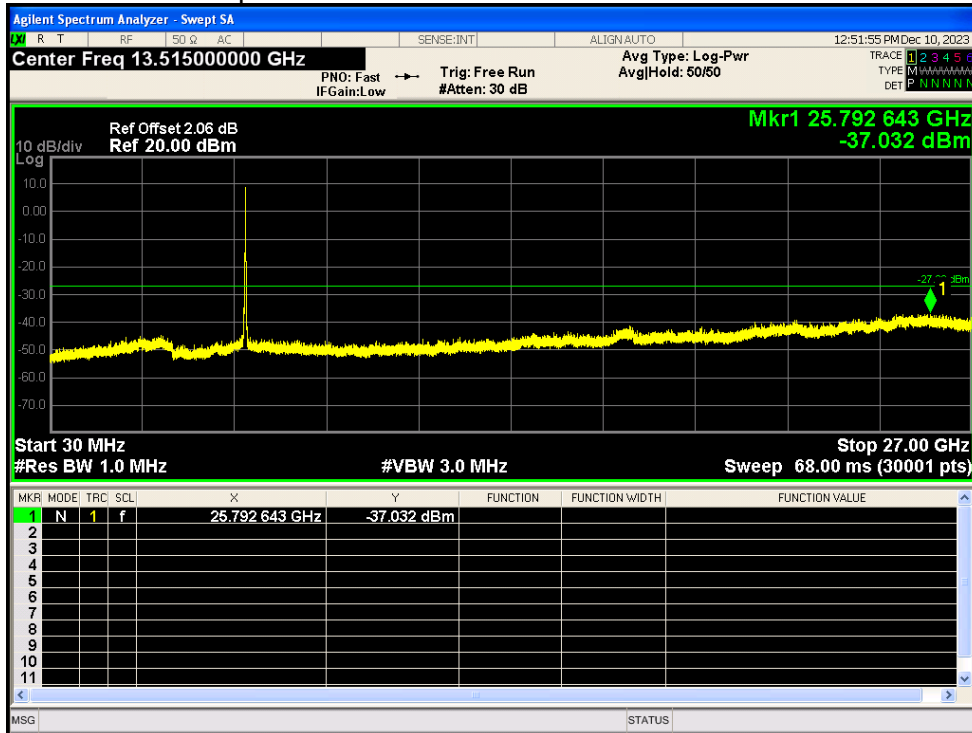
Tx. Spurious NVNT a 5785MHz Ant1 Emission



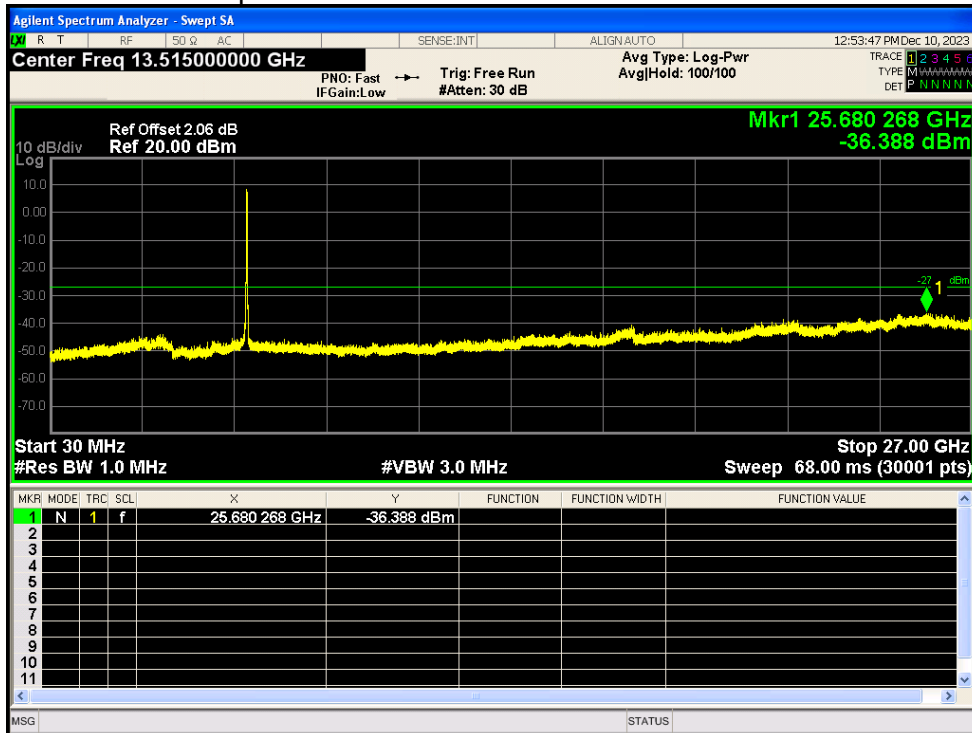
Tx. Spurious NVNT a 5825MHz Ant1 Emission



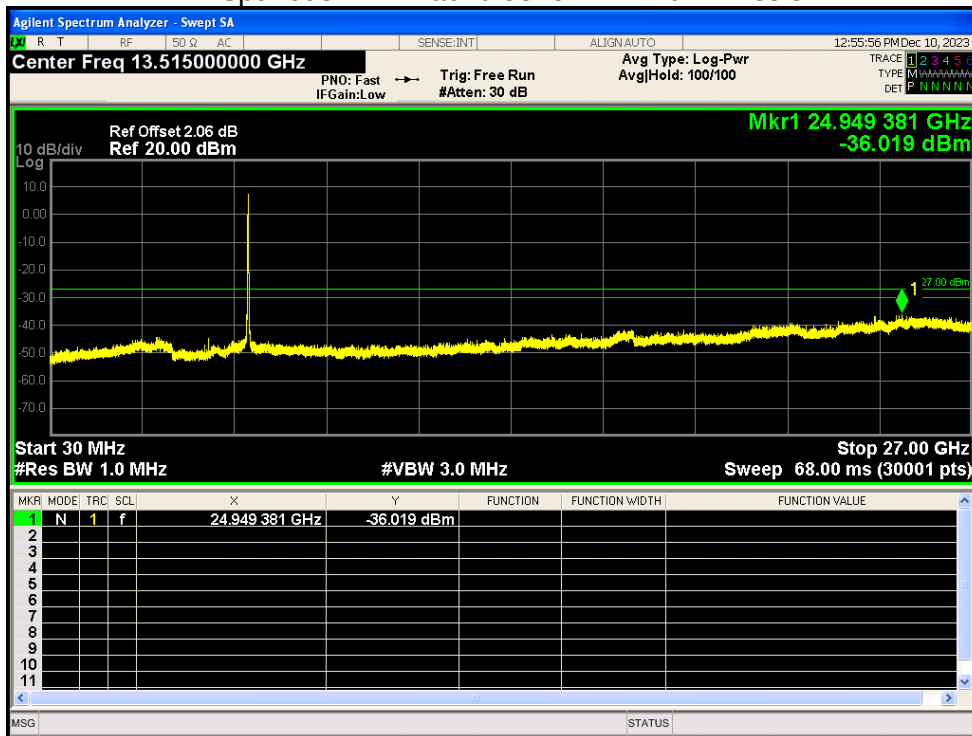
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



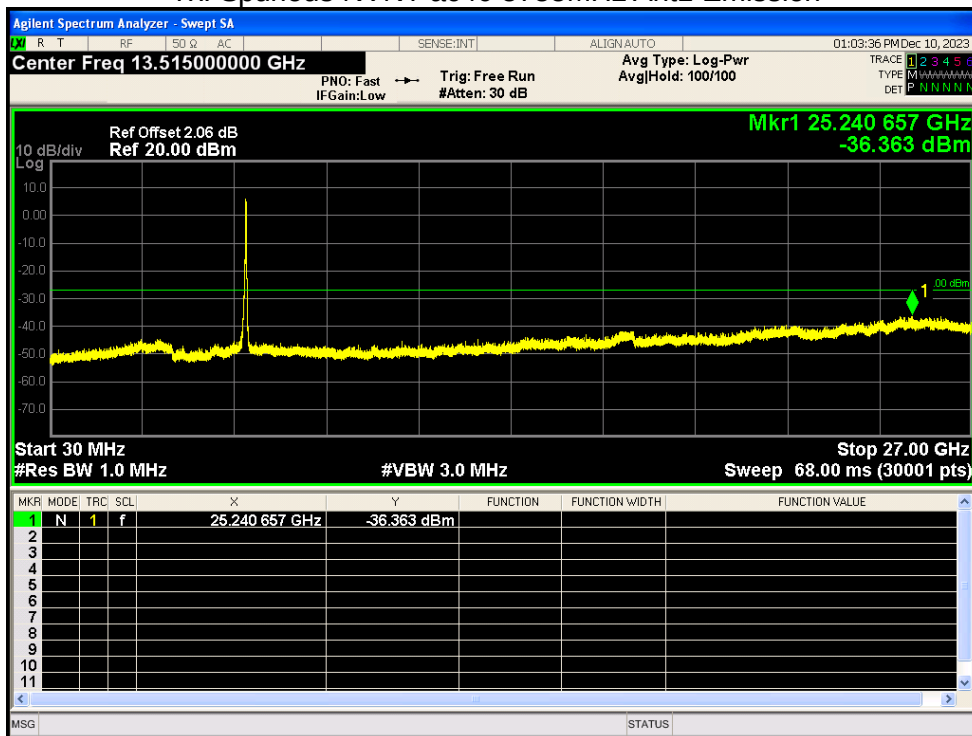
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



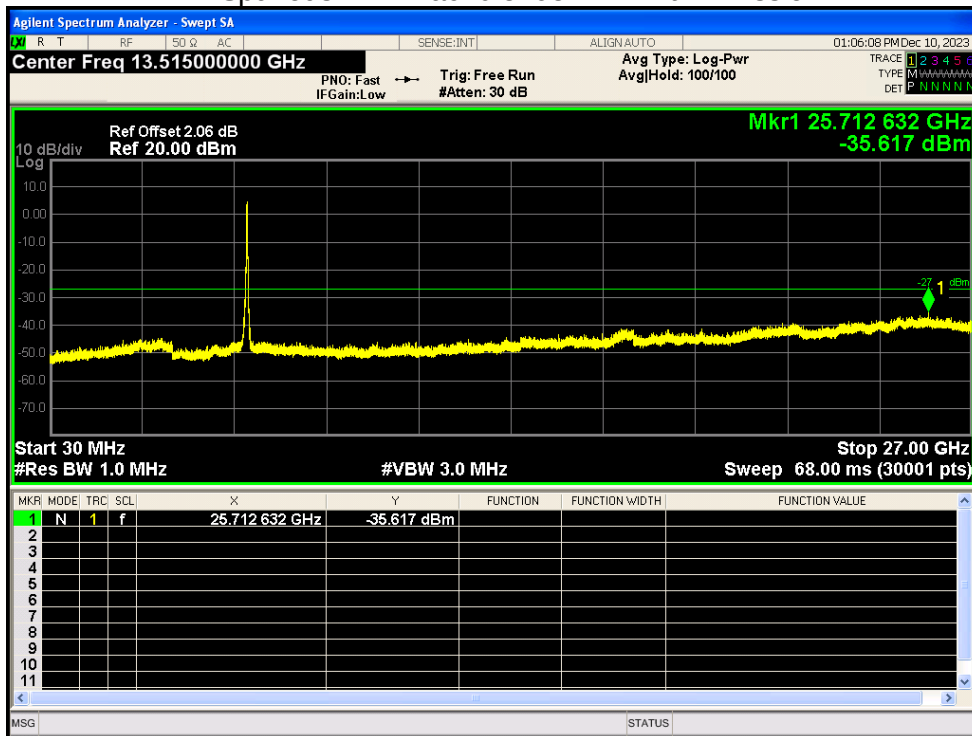
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



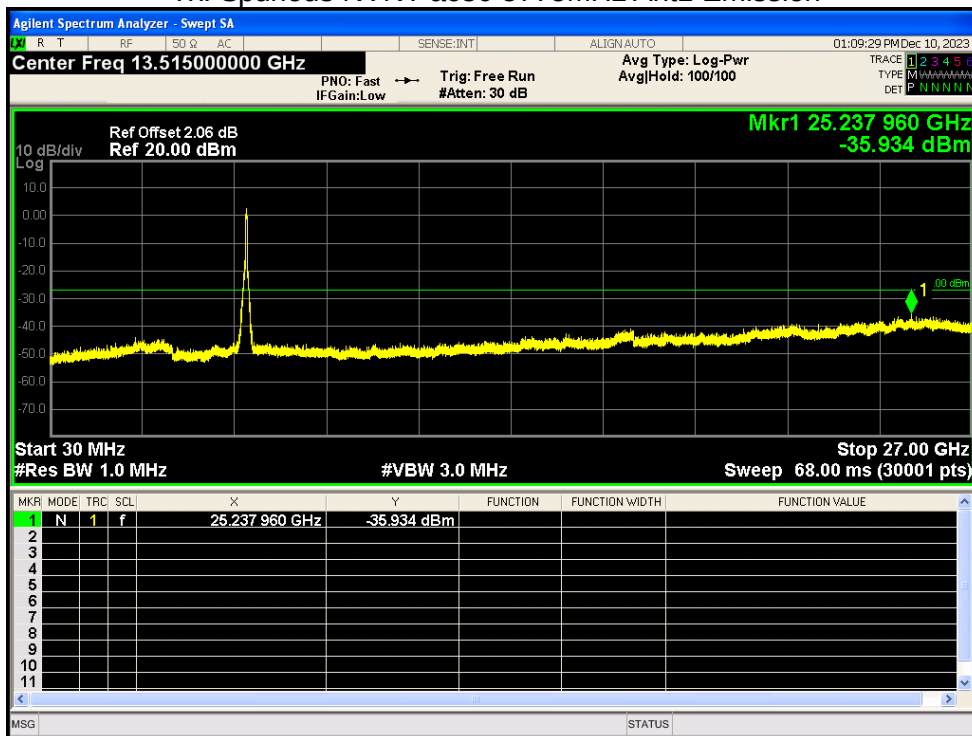
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



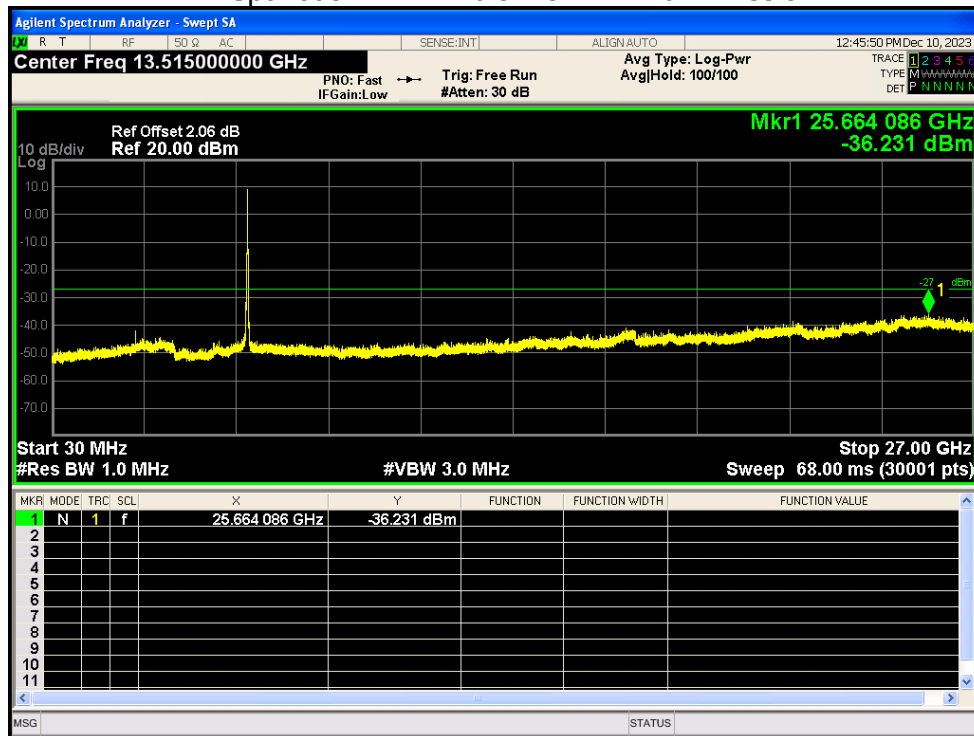
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



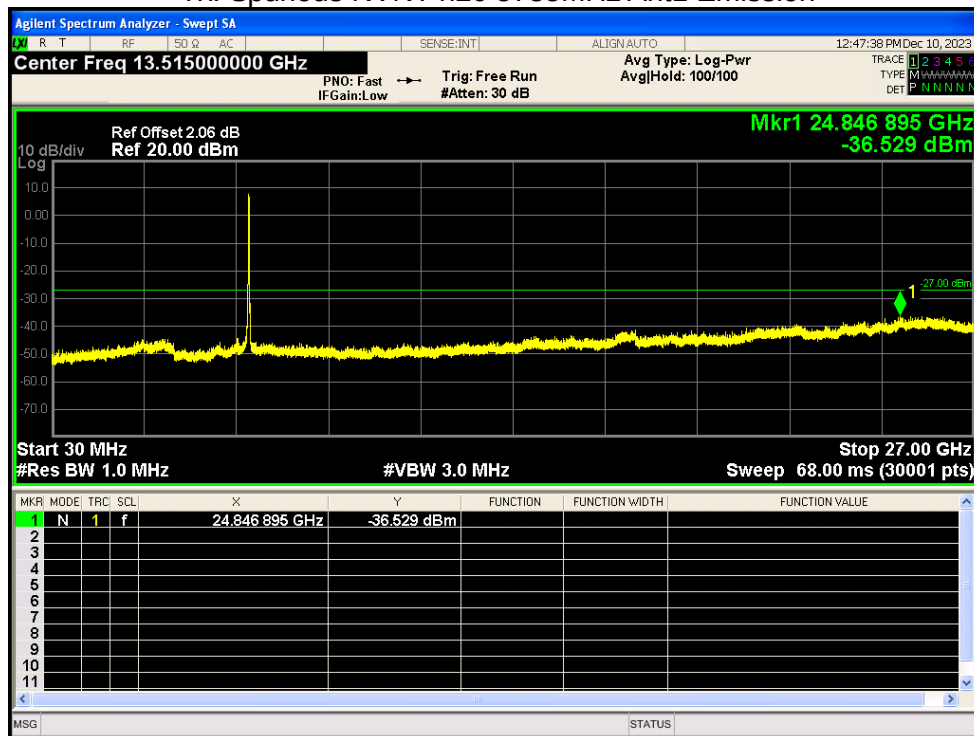
Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



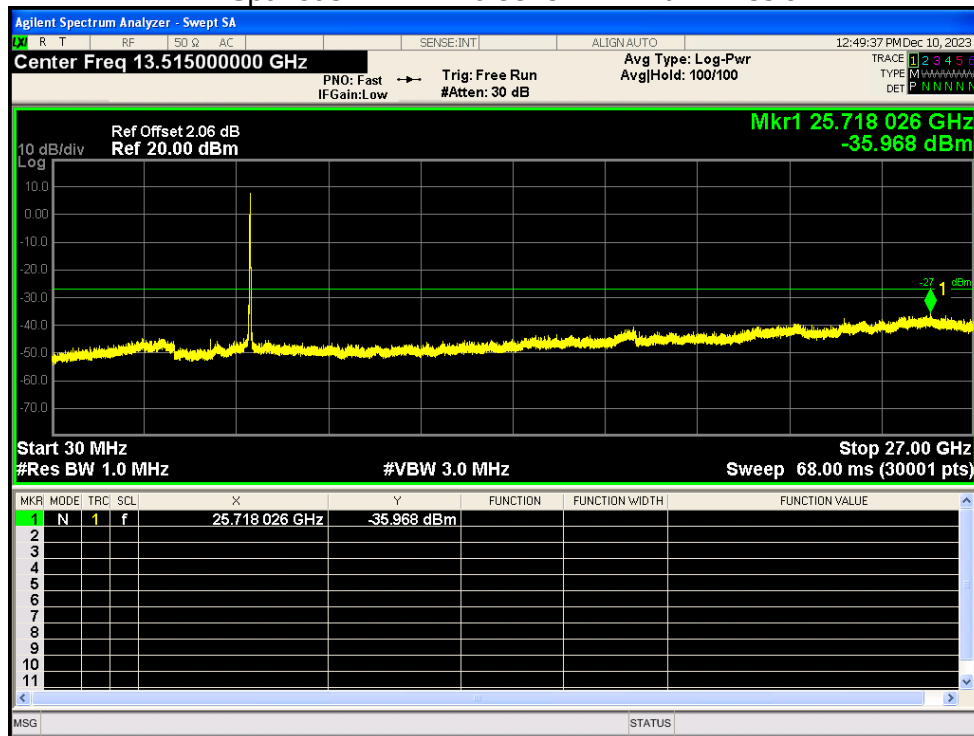
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



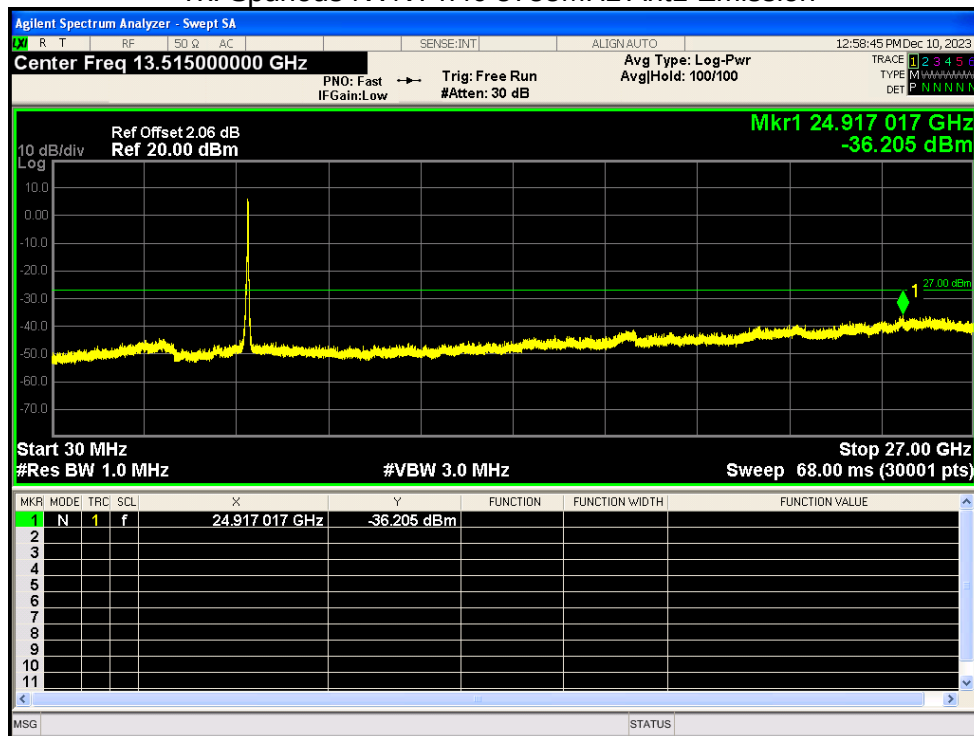
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



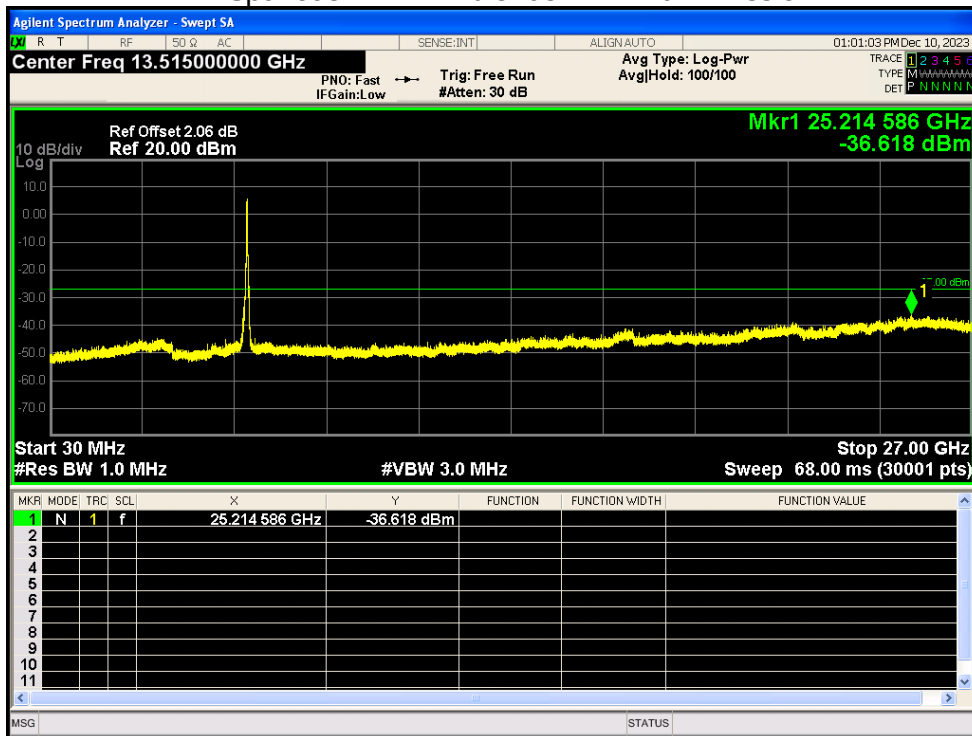
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



Tx. Spurious NVNT n40 5755MHz Ant1 Emission



Tx. Spurious NVNT n40 5795MHz Ant1 Emission



END OF REPORT