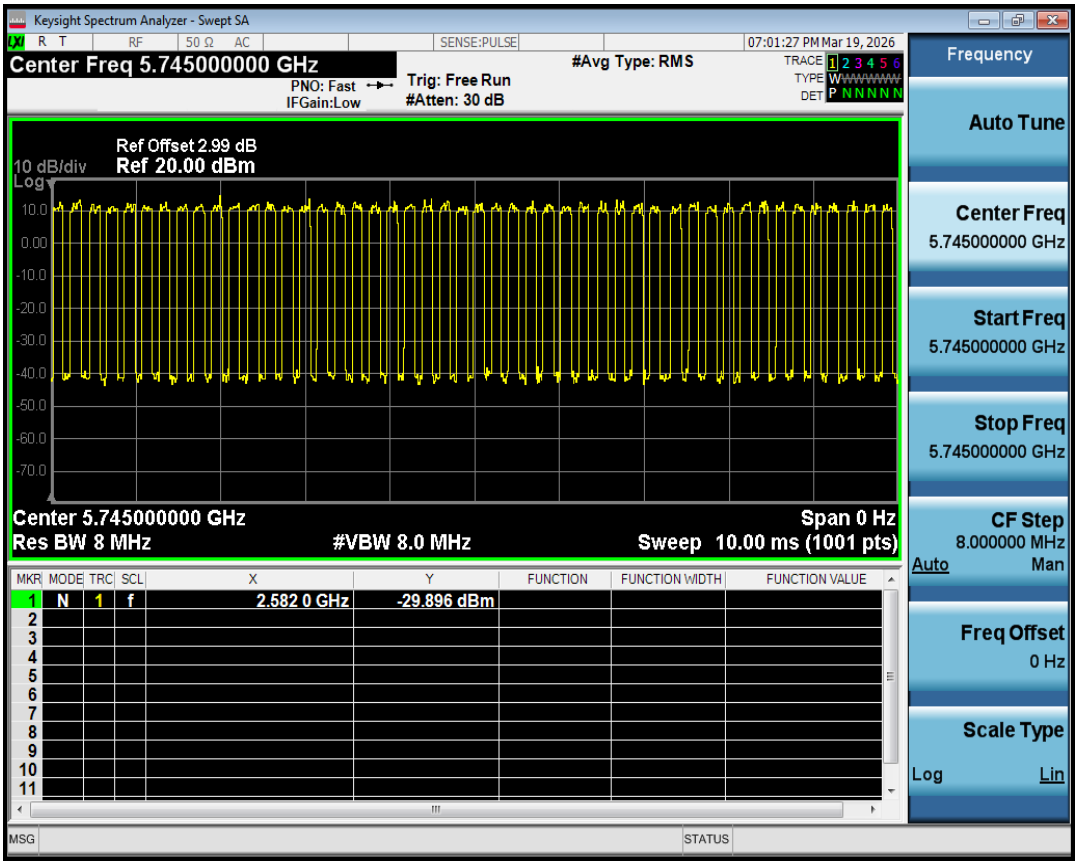
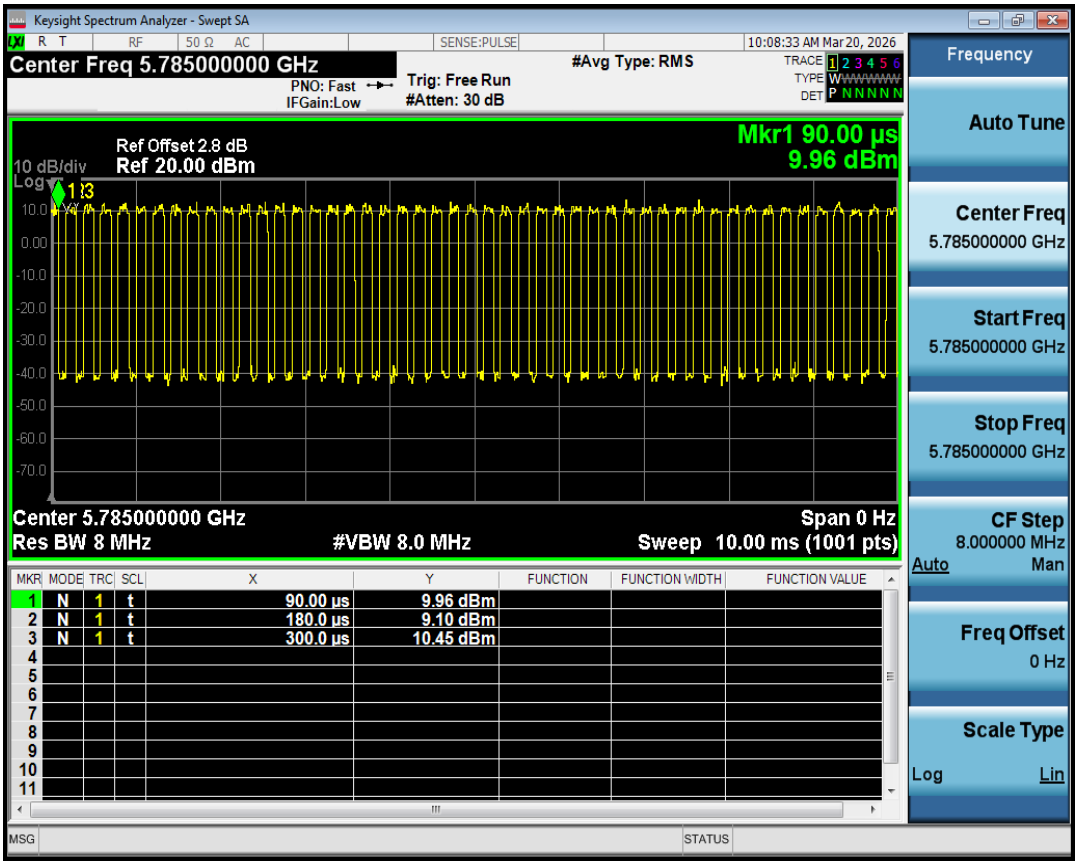
RF Test Data

Duty Cycle

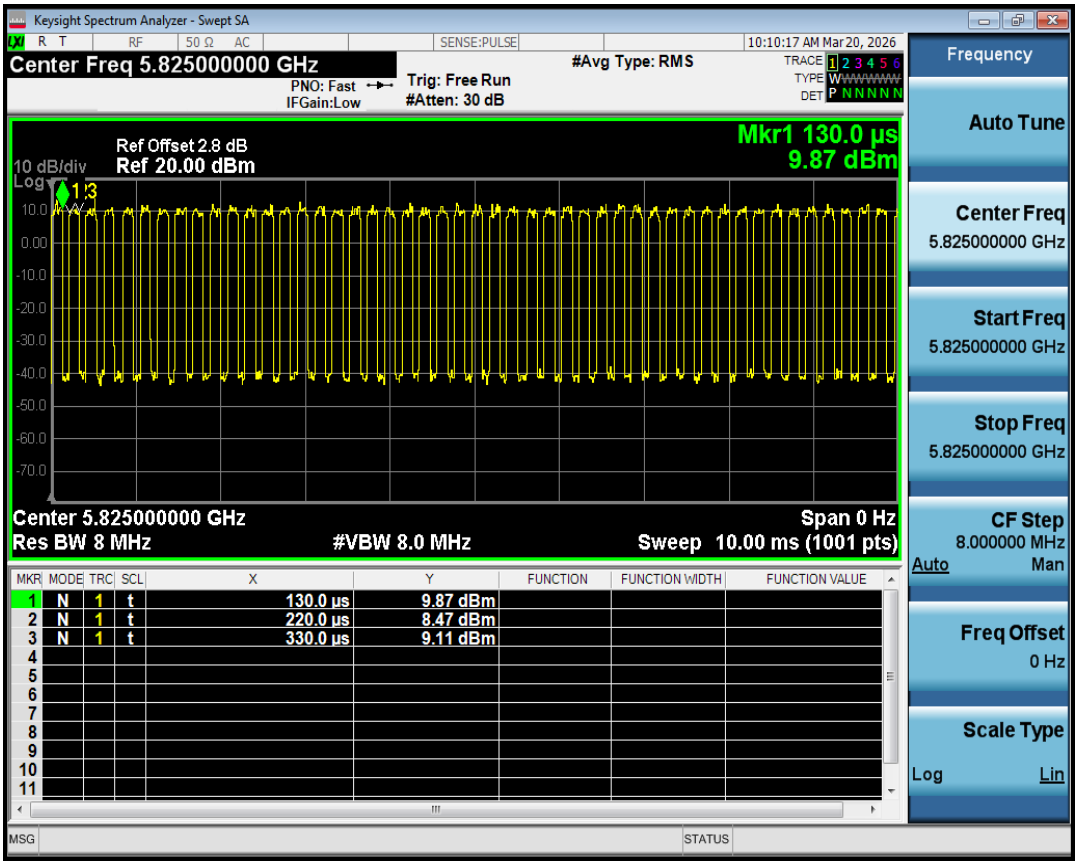
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	57.14	2.43	8.33
NVNT	a	5785	Ant1	57.14	2.43	8.33
NVNT	a	5825	Ant1	55	2.6	9.09
NVNT	n20	5745	Ant1	55	2.6	9.09
NVNT	n20	5785	Ant1	57.14	2.43	8.33
NVNT	n20	5825	Ant1	57.14	2.43	8.33
NVNT	n40	5755	Ant1	43.75	3.59	14.29
NVNT	n40	5795	Ant1	43.75	3.59	14.29
NVNT	ac20	5745	Ant1	57.14	2.43	8.33
NVNT	ac20	5785	Ant1	57.14	2.43	8.33
NVNT	ac20	5825	Ant1	57.14	2.43	8.33
NVNT	ac40	5755	Ant1	47.06	3.27	12.5
NVNT	ac40	5795	Ant1	50	3.01	11.11
NVNT	ax20	5745	Ant1	55	2.6	9.09
NVNT	ax20	5785	Ant1	57.14	2.43	8.33
NVNT	ax20	5825	Ant1	55	2.6	9.09
NVNT	ax40	5755	Ant1	47.06	3.27	12.5
NVNT	ax40	5795	Ant1	43.75	3.59	14.29



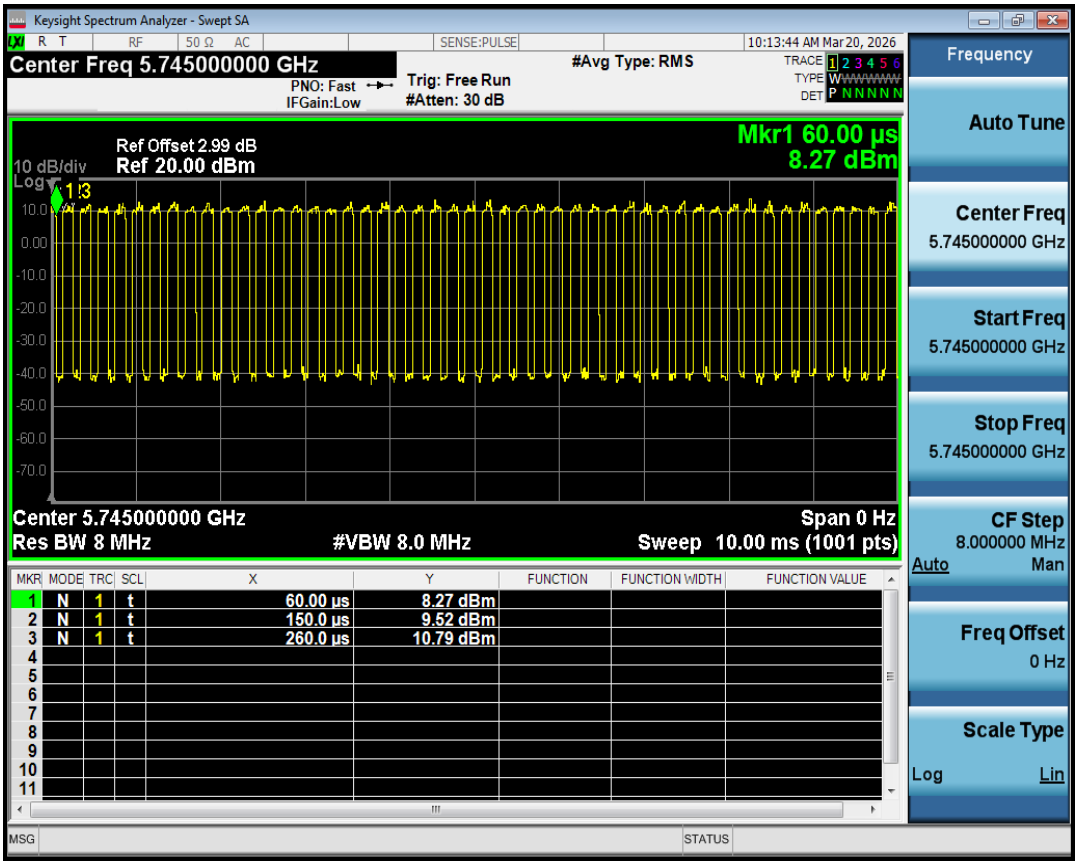
Duty Cycle NVNT a 5745MHz Ant1



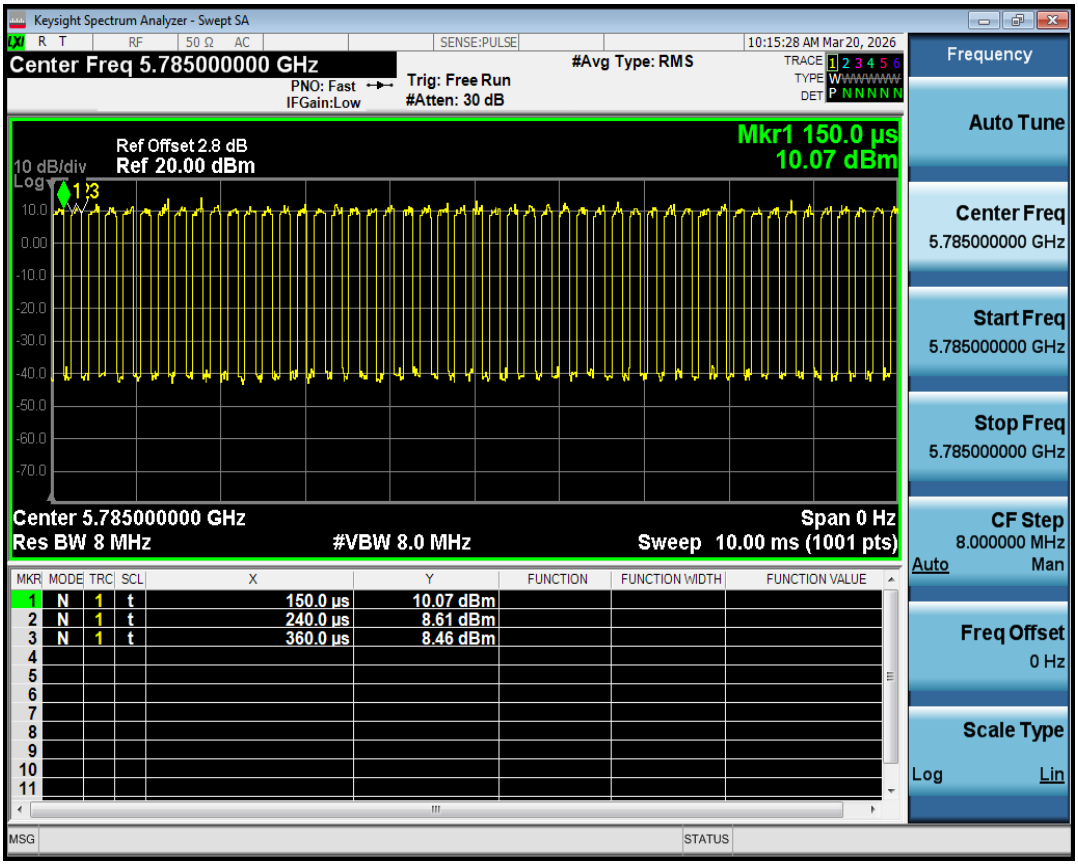
Duty Cycle NVNT a 5785MHz Ant1



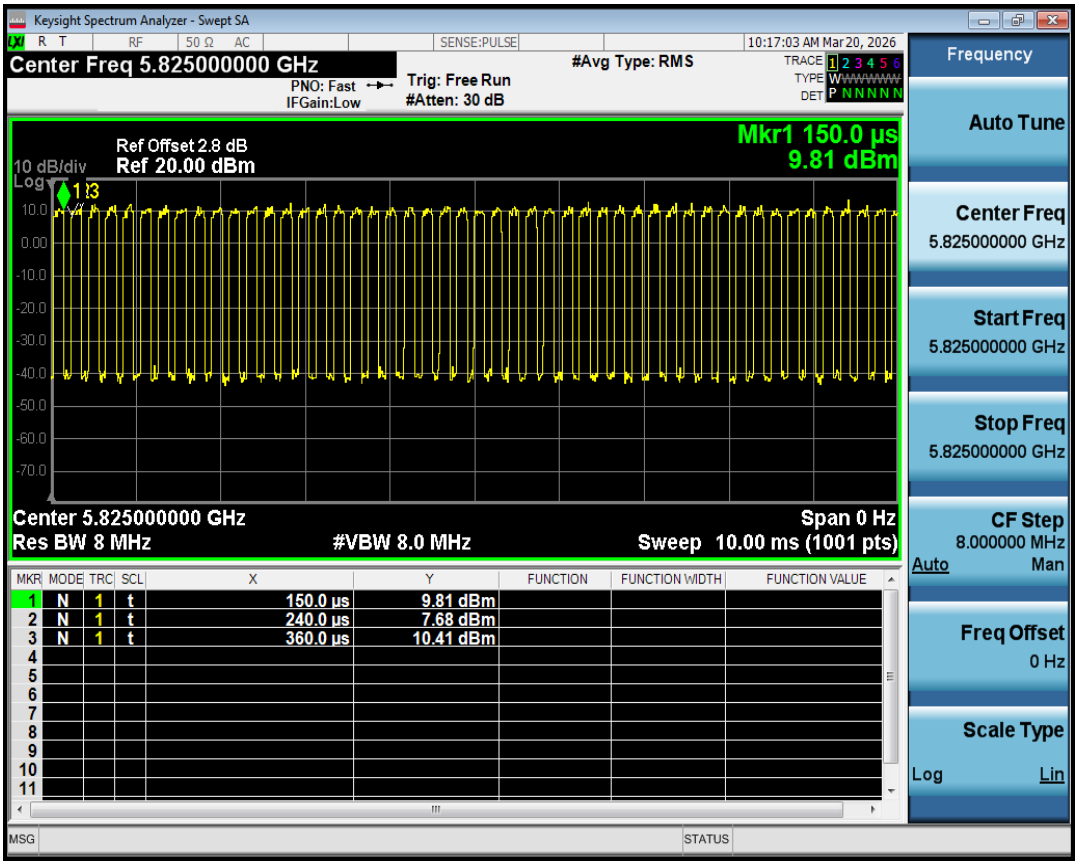
Duty Cycle NVNT a 5825MHz Ant1



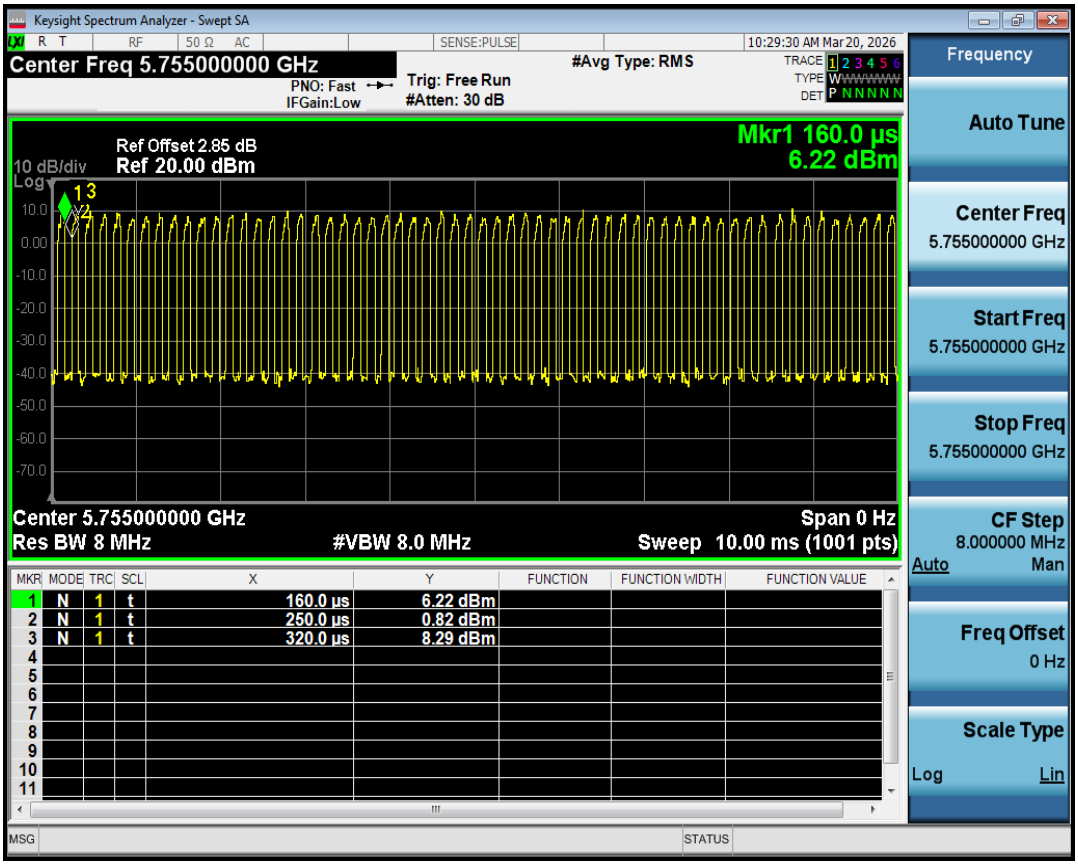
Duty Cycle NVNT n20 5745MHz Ant1



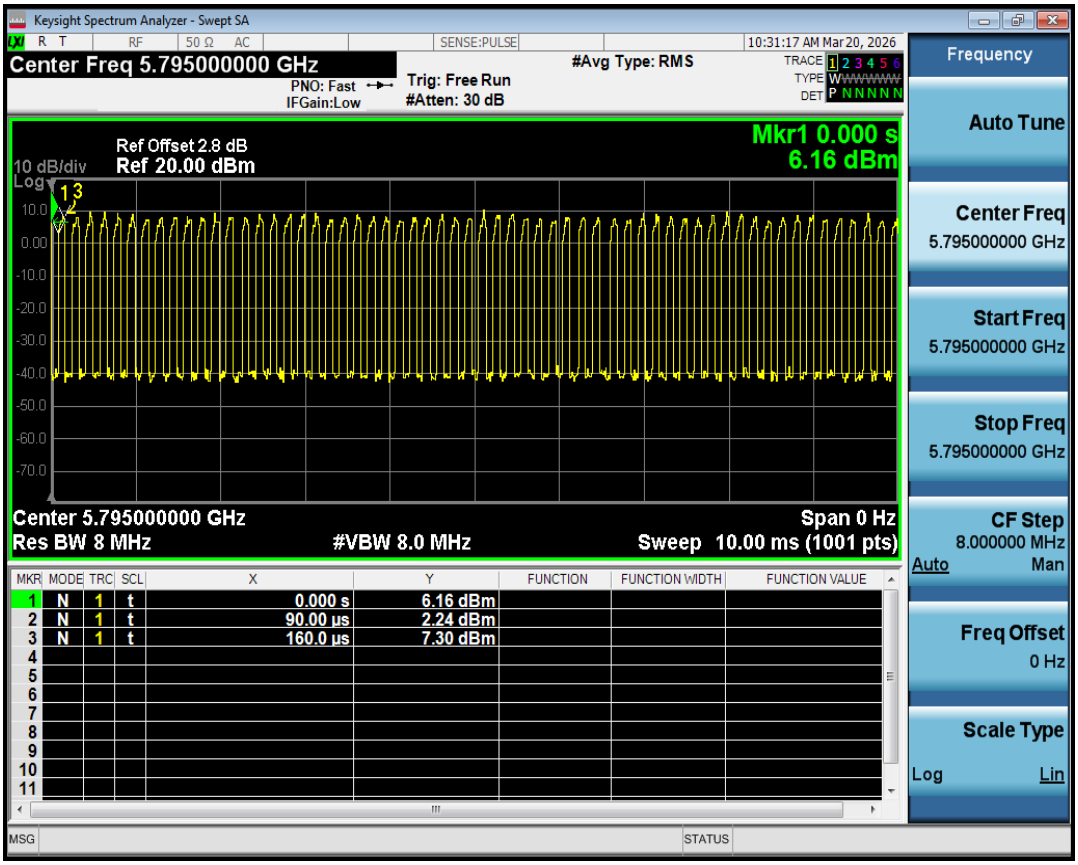
Duty Cycle NVNT n20 5785MHz Ant1



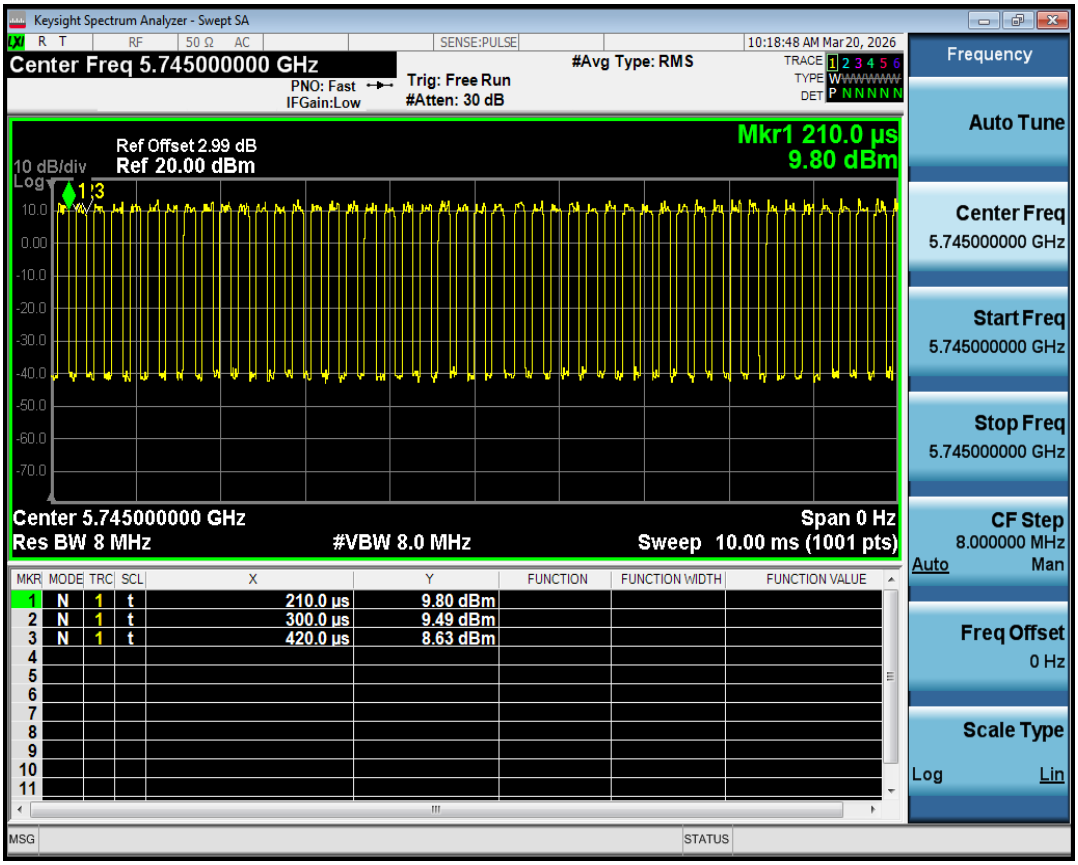
Duty Cycle NVNT n20 5825MHz Ant1



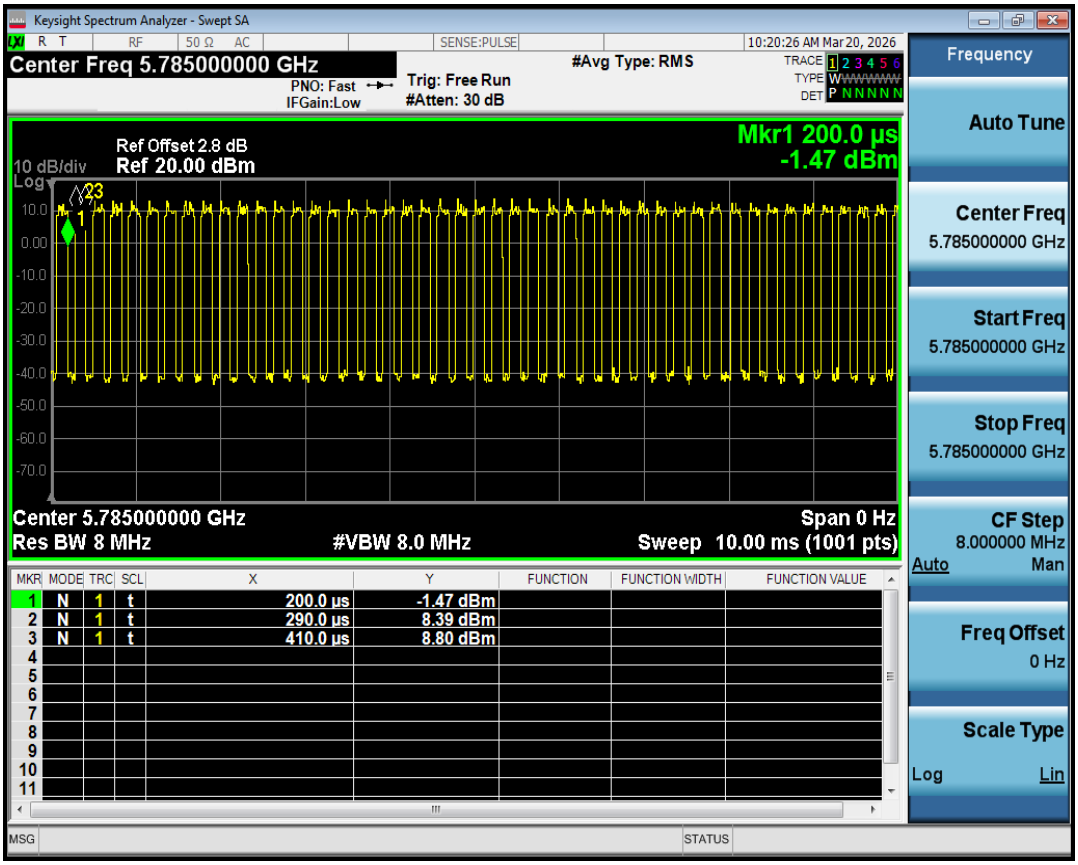
Duty Cycle NVNT n40 5755MHz Ant1



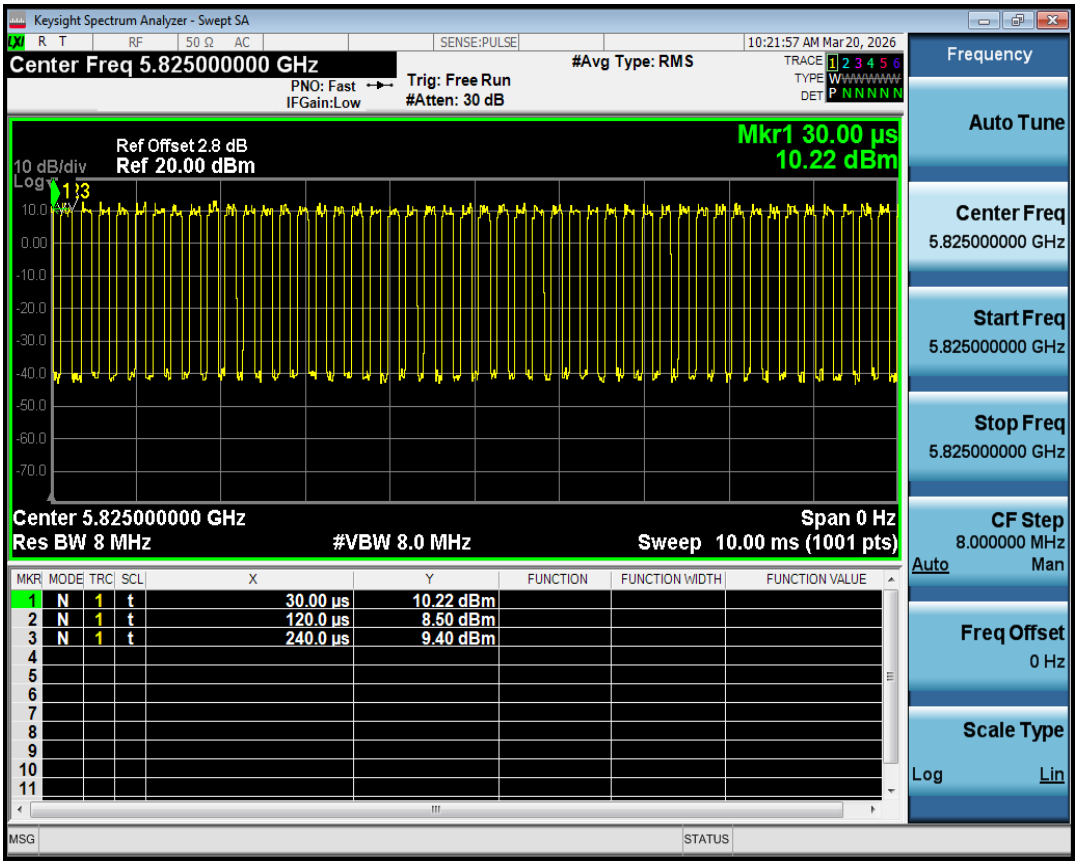
Duty Cycle NVNT n40 5795MHz Ant1



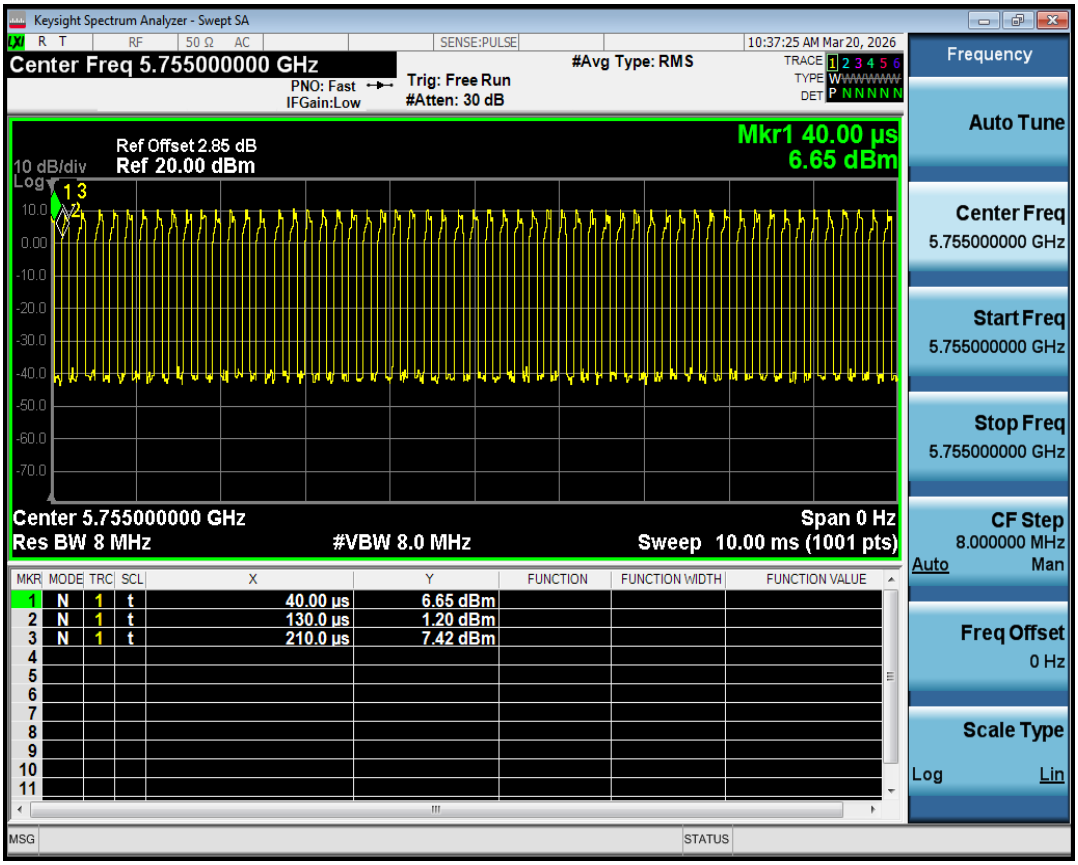
Duty Cycle NVNT ac20 5745MHz Ant1



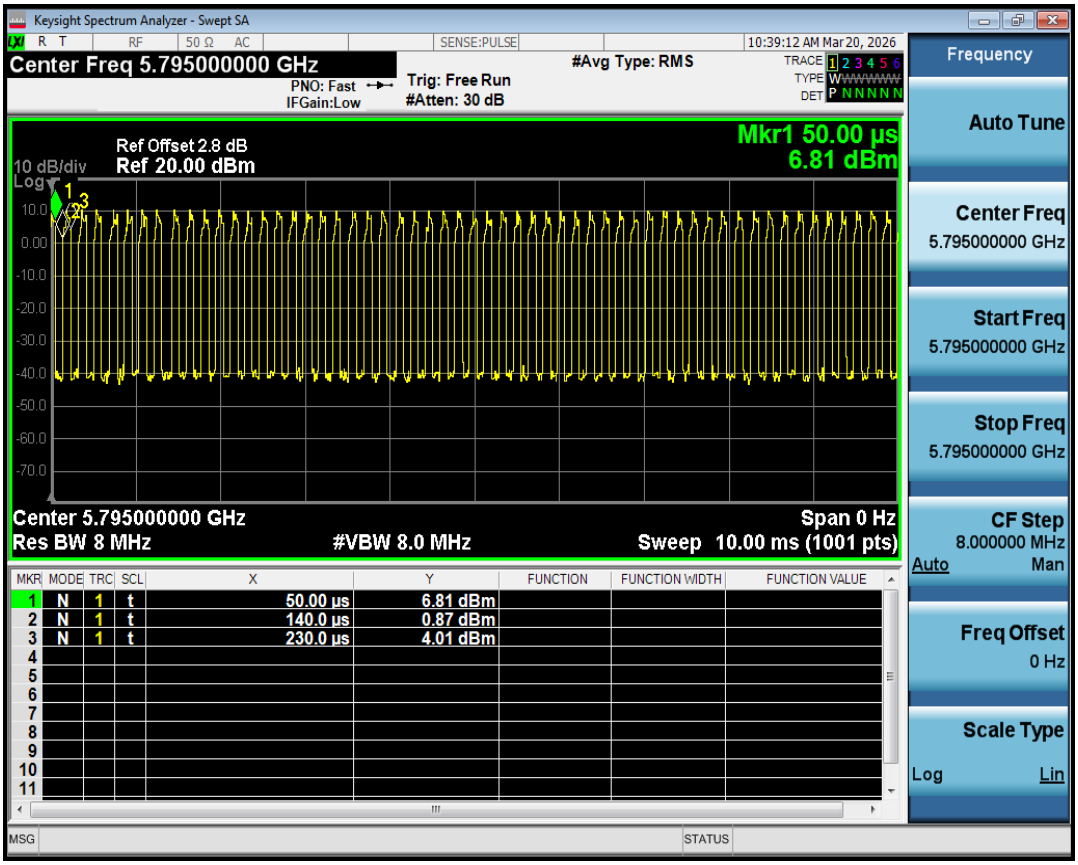
Duty Cycle NVNT ac20 5785MHz Ant1



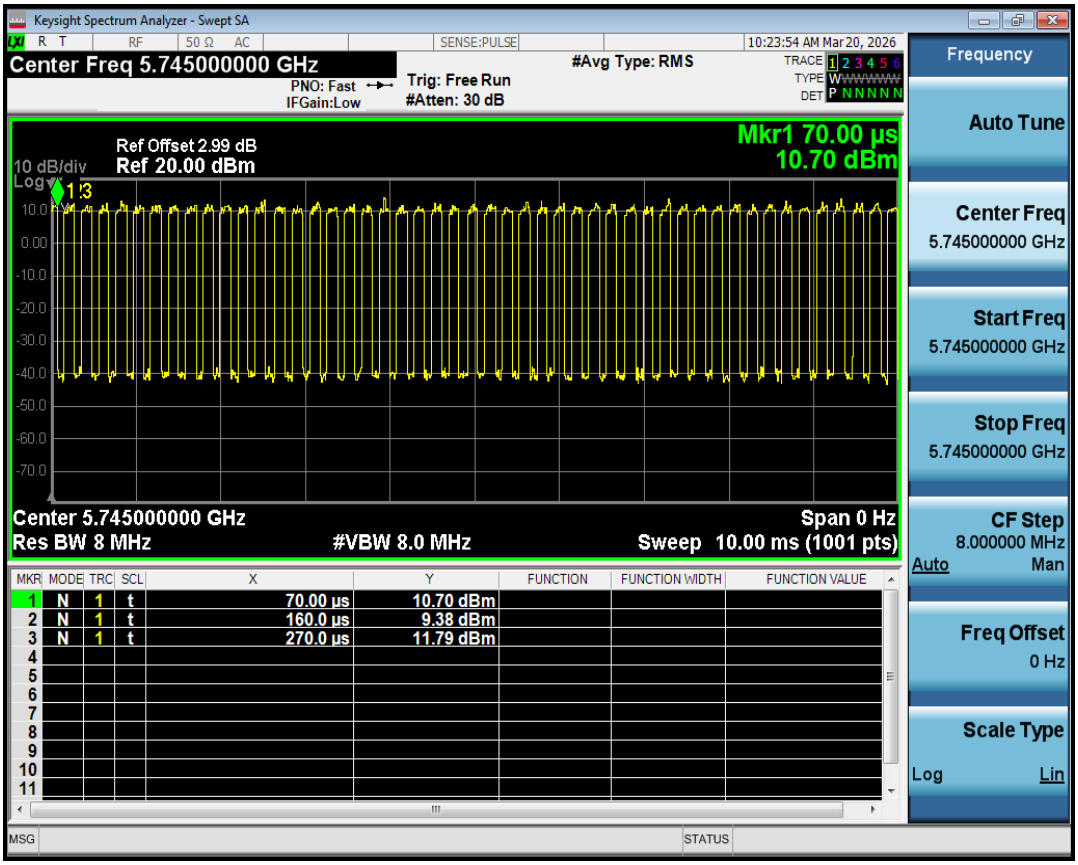
Duty Cycle NVNT ac20 5825MHz Ant1



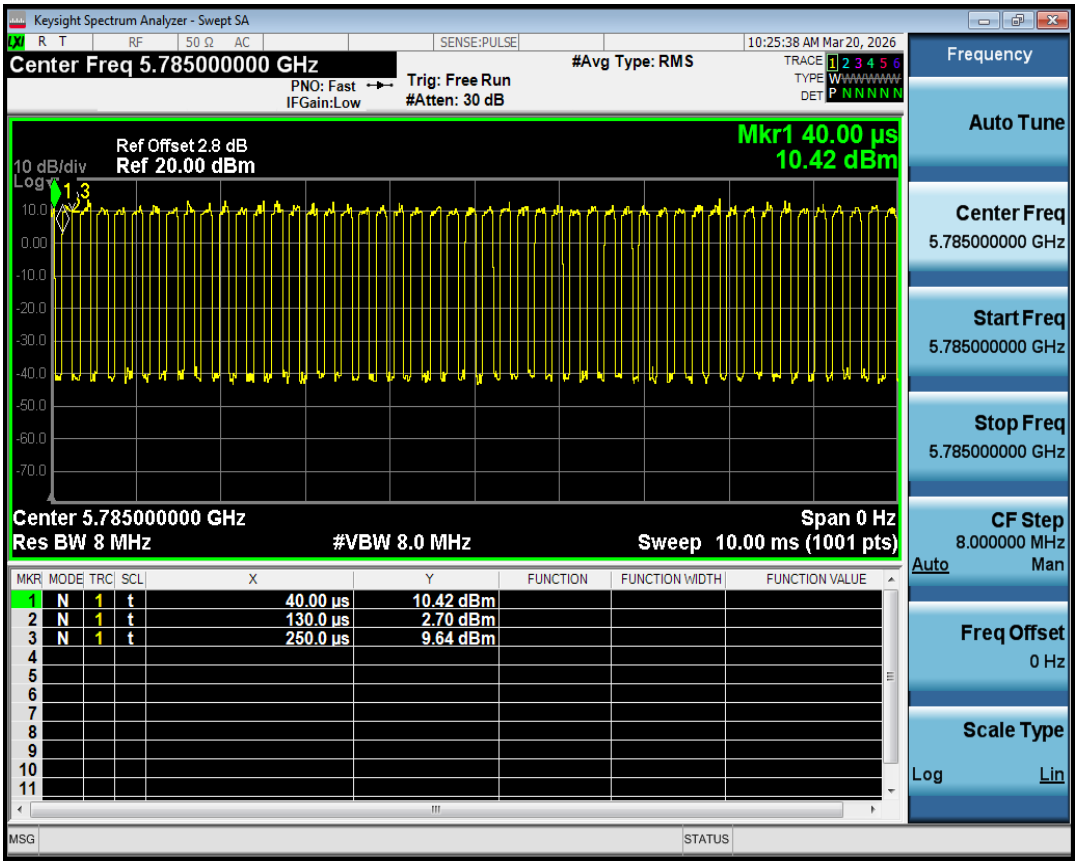
Duty Cycle NVNT ac40 5755MHz Ant1



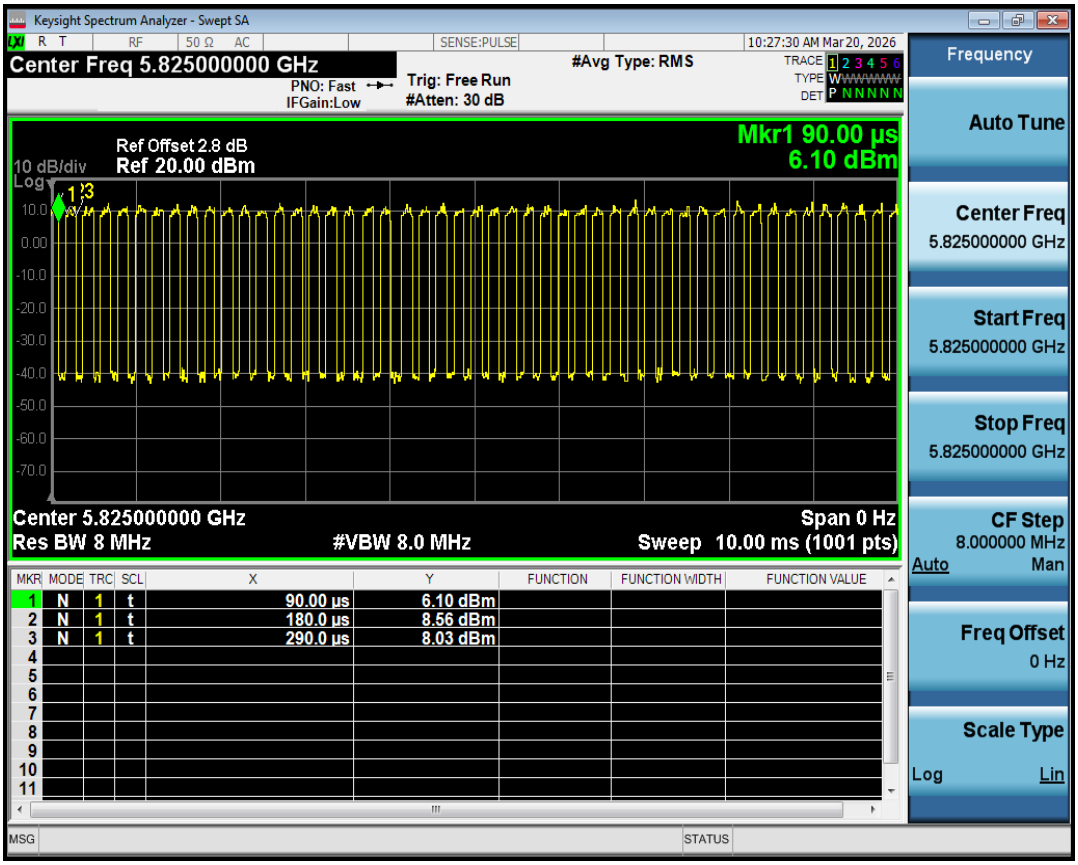
Duty Cycle NVNT ac40 5795MHz Ant1



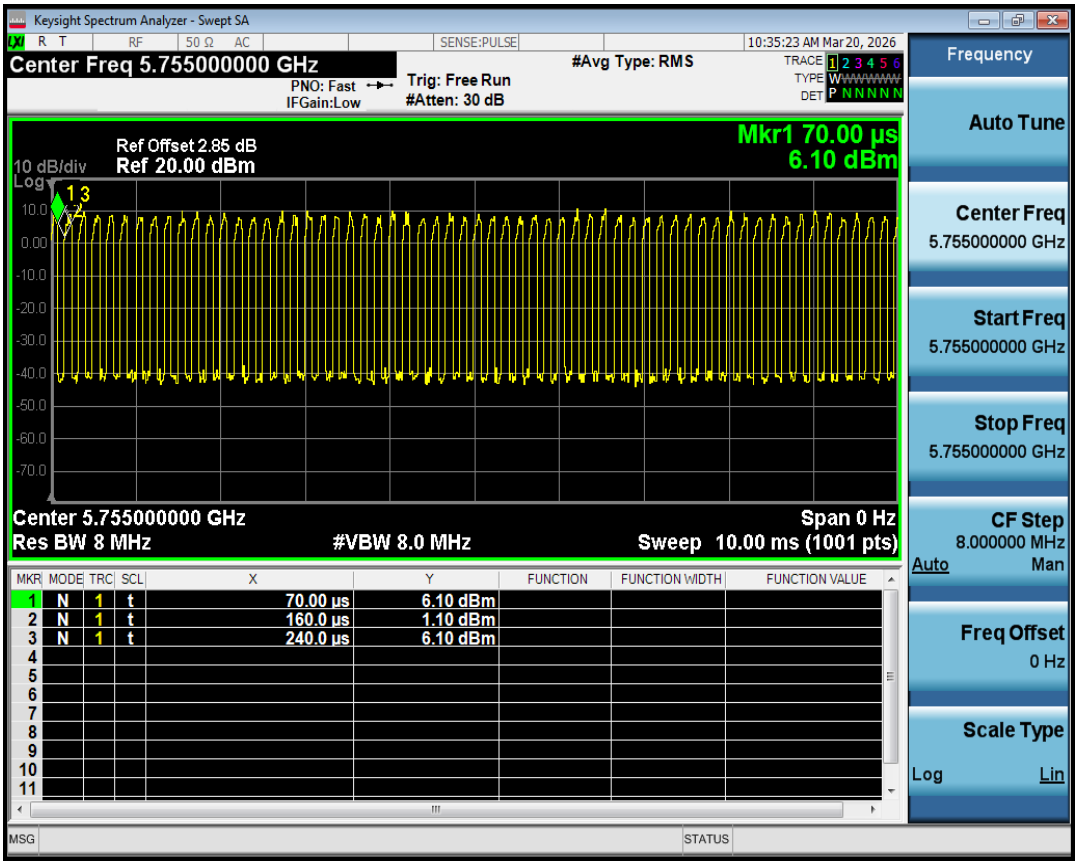
Duty Cycle NVNT ax20 5745MHz Ant1



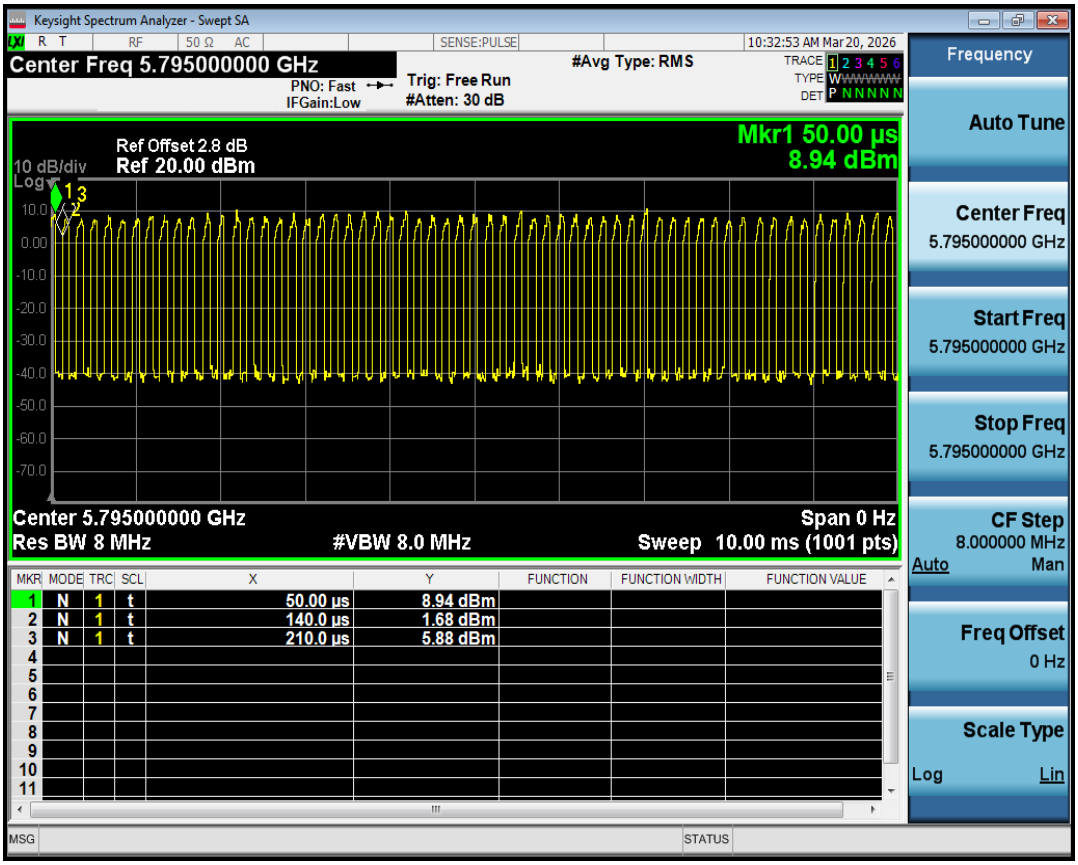
Duty Cycle NVNT ax20 5785MHz Ant1



Duty Cycle NVNT ax20 5825MHz Ant1



Duty Cycle NVNT ax40 5755MHz Ant1



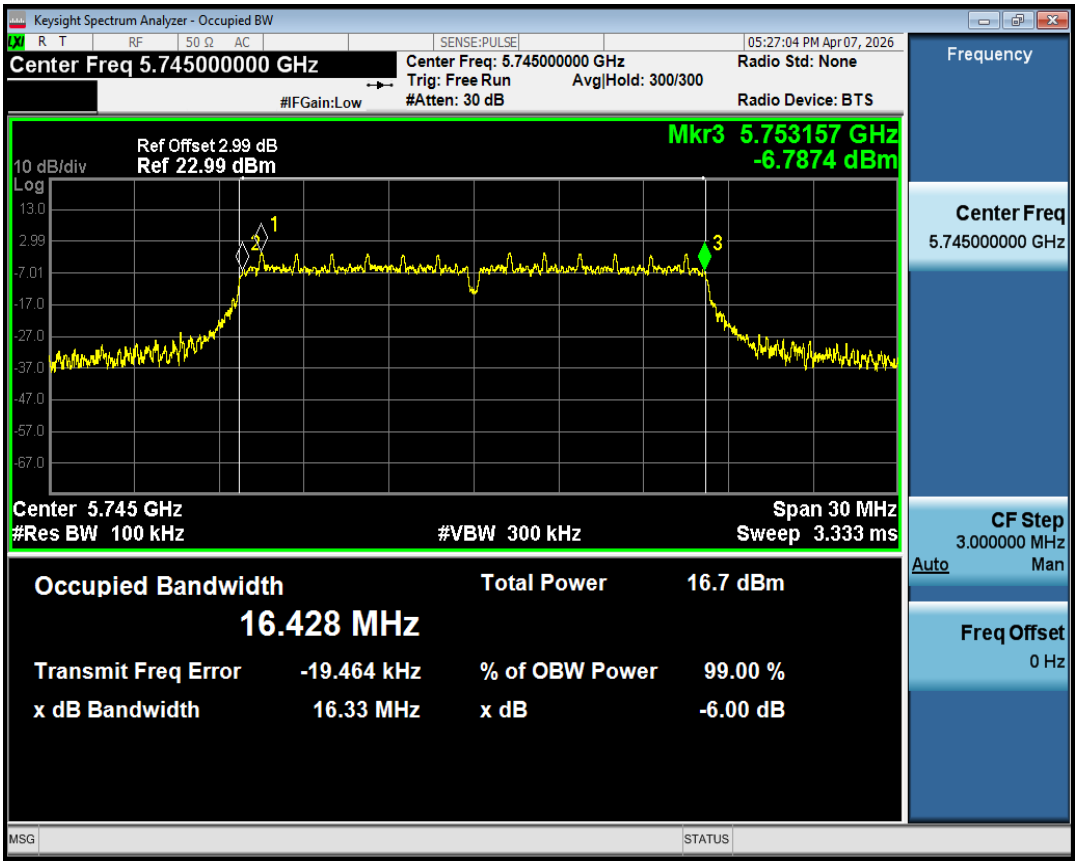
Duty Cycle NVNT ax40 5795MHz Ant1

Maximum Conducted Output Power

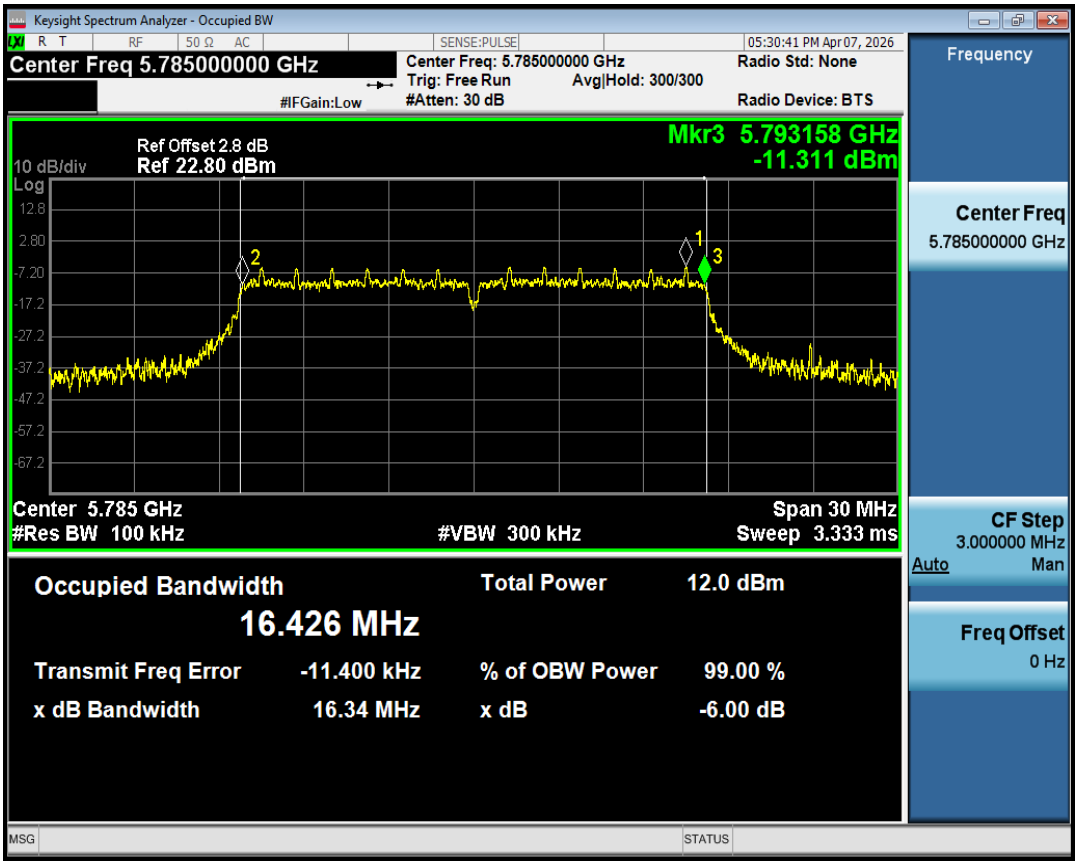
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	a	5745	Ant1	NaN	NaN	7.64	0.00581	30	Pass
NVNT	a	5785	Ant1	NaN	NaN	7.21	0.00526	30	Pass
NVNT	a	5825	Ant1	NaN	NaN	6.85	0.00484	30	Pass
NVNT	n20	5745	Ant1	NaN	NaN	7.4	0.0055	30	Pass
NVNT	n20	5785	Ant1	NaN	NaN	7.29	0.00536	30	Pass
NVNT	n20	5825	Ant1	NaN	NaN	6.94	0.00494	30	Pass
NVNT	n40	5755	Ant1	NaN	NaN	6.92	0.00492	30	Pass
NVNT	n40	5795	Ant1	NaN	NaN	6.85	0.00484	30	Pass
NVNT	ac20	5745	Ant1	NaN	NaN	7.42	0.00552	30	Pass
NVNT	ac20	5785	Ant1	NaN	NaN	7.26	0.00532	30	Pass
NVNT	ac20	5825	Ant1	NaN	NaN	6.9	0.0049	30	Pass
NVNT	ac40	5755	Ant1	NaN	NaN	6.86	0.00485	30	Pass
NVNT	ac40	5795	Ant1	NaN	NaN	6.85	0.00484	30	Pass
NVNT	ax20	5745	Ant1	NaN	NaN	7.36	0.00545	30	Pass
NVNT	ax20	5785	Ant1	NaN	NaN	7.26	0.00532	30	Pass
NVNT	ax20	5825	Ant1	NaN	NaN	7.28	0.00535	30	Pass
NVNT	ax40	5755	Ant1	NaN	NaN	6.89	0.00489	30	Pass
NVNT	ax40	5795	Ant1	NaN	NaN	6.84	0.00483	30	Pass

-6dB Bandwidth

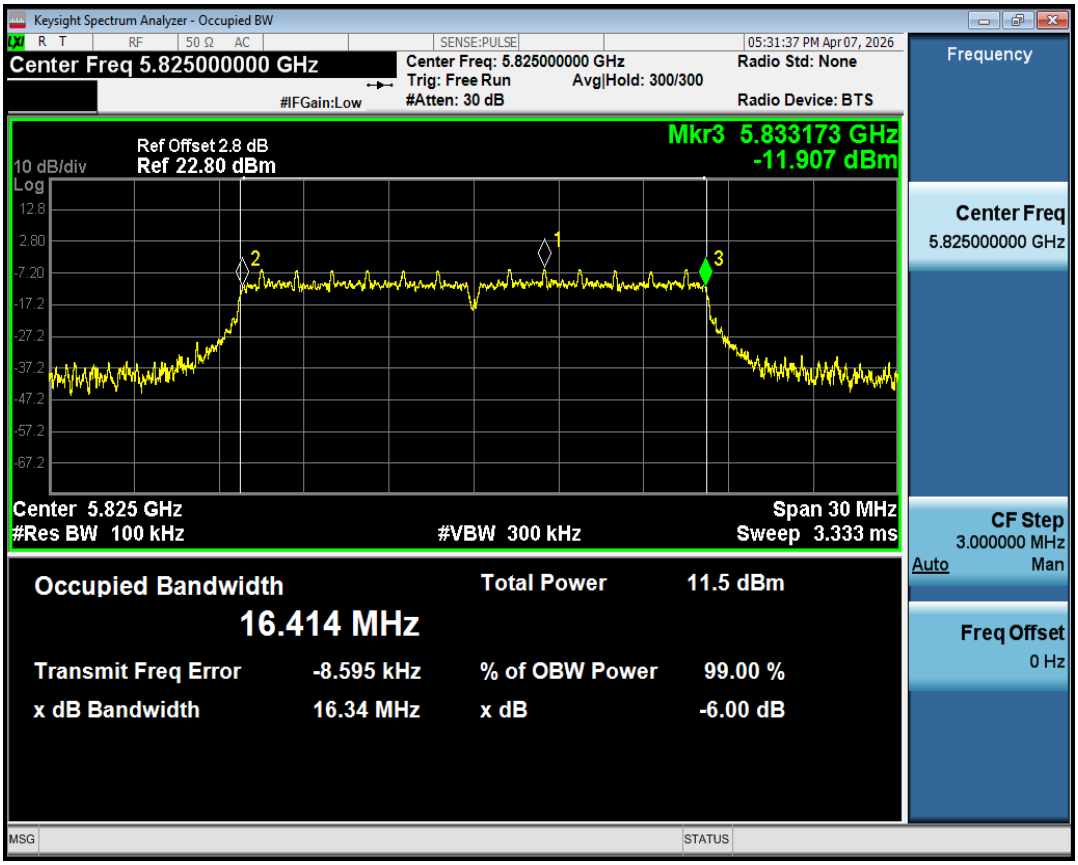
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.33	0.5	Pass
NVNT	a	5785	Ant1	16.34	0.5	Pass
NVNT	a	5825	Ant1	16.34	0.5	Pass
NVNT	n20	5745	Ant1	17.36	0.5	Pass
NVNT	n20	5785	Ant1	17.17	0.5	Pass
NVNT	n20	5825	Ant1	17.24	0.5	Pass
NVNT	n40	5755	Ant1	35.7	0.5	Pass
NVNT	n40	5795	Ant1	35.24	0.5	Pass
NVNT	ac20	5745	Ant1	17.12	0.5	Pass
NVNT	ac20	5785	Ant1	17.19	0.5	Pass
NVNT	ac20	5825	Ant1	17.38	0.5	Pass
NVNT	ac40	5755	Ant1	35.55	0.5	Pass
NVNT	ac40	5795	Ant1	35.34	0.5	Pass
NVNT	ax20	5745	Ant1	17.17	0.5	Pass
NVNT	ax20	5785	Ant1	17.4	0.5	Pass
NVNT	ax20	5825	Ant1	17.13	0.5	Pass
NVNT	ax40	5755	Ant1	35.43	0.5	Pass
NVNT	ax40	5795	Ant1	35.2	0.5	Pass



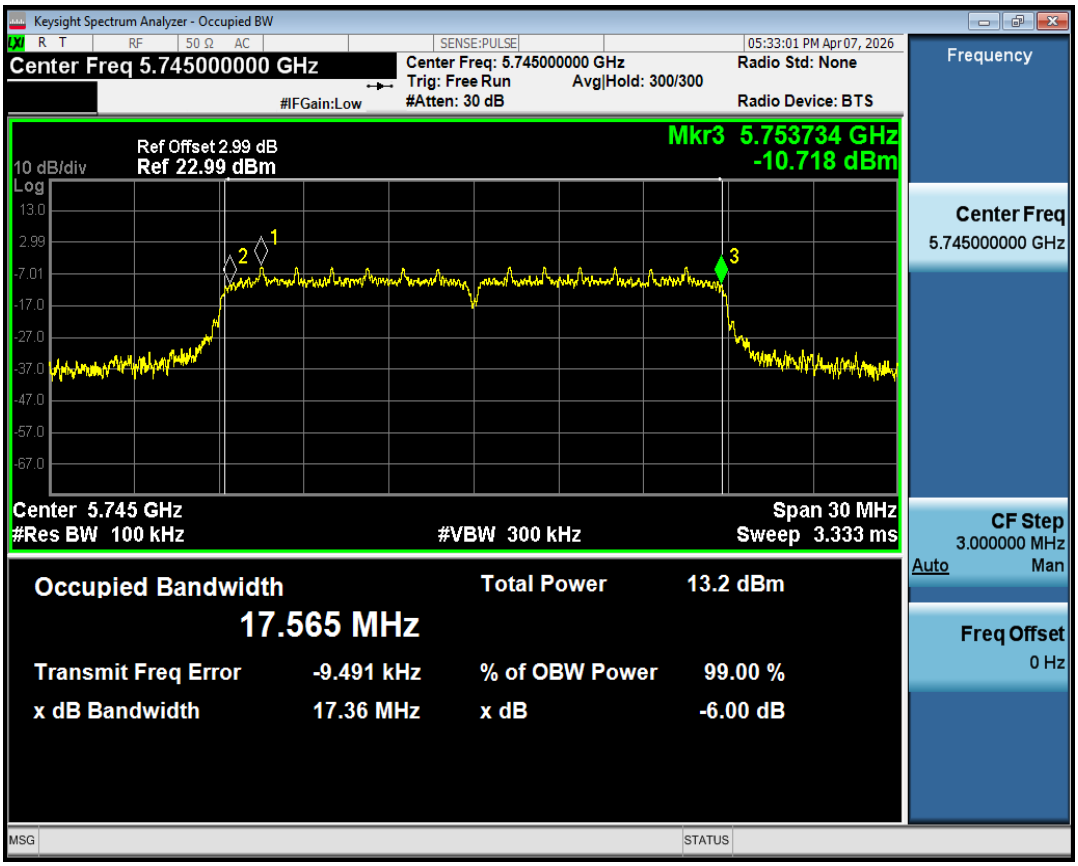
-6dB Bandwidth NVNT a 5745MHz Ant1



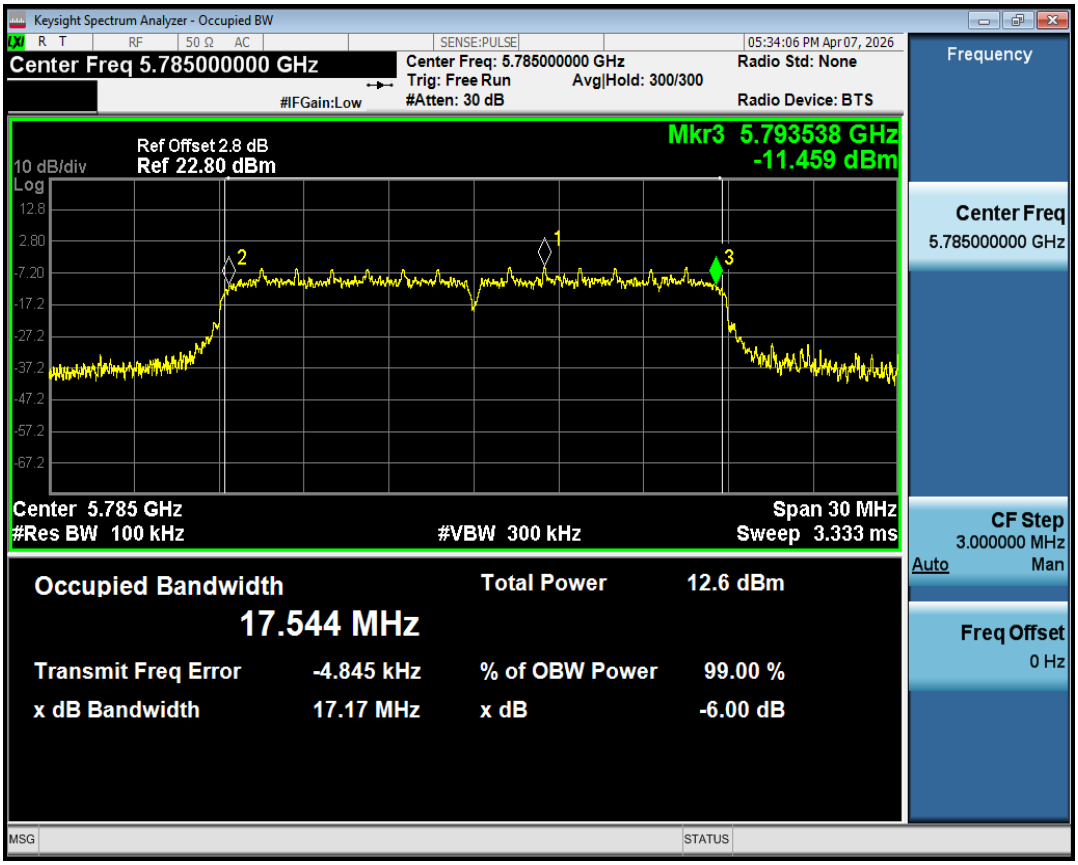
-6dB Bandwidth NVNT a 5785MHz Ant1



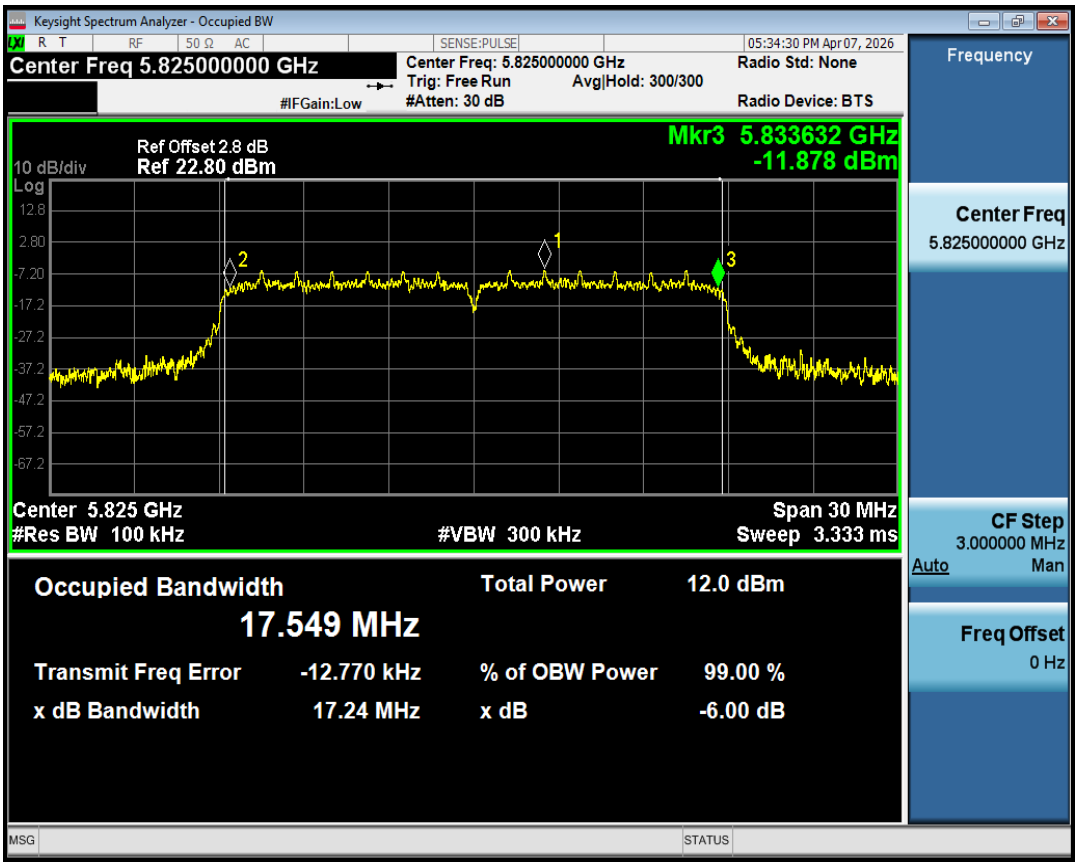
-6dB Bandwidth NVNT a 5825MHz Ant1



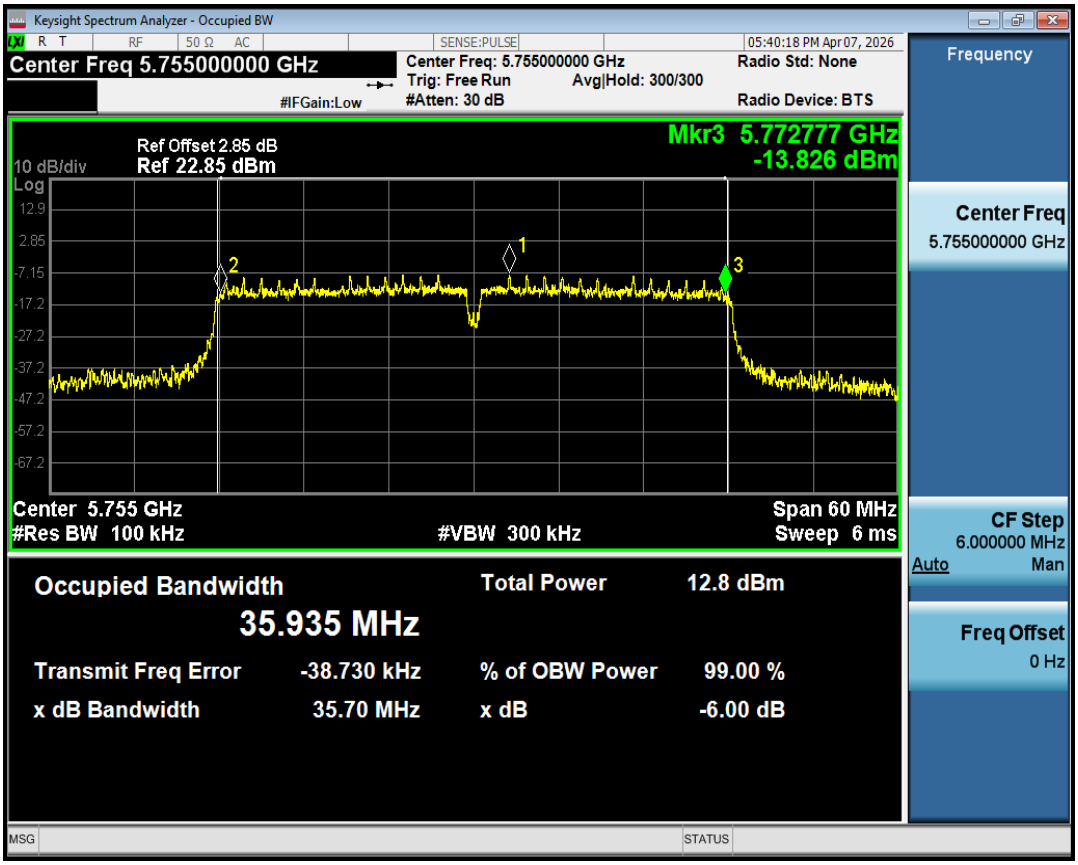
-6dB Bandwidth NVNT n20 5745MHz Ant1



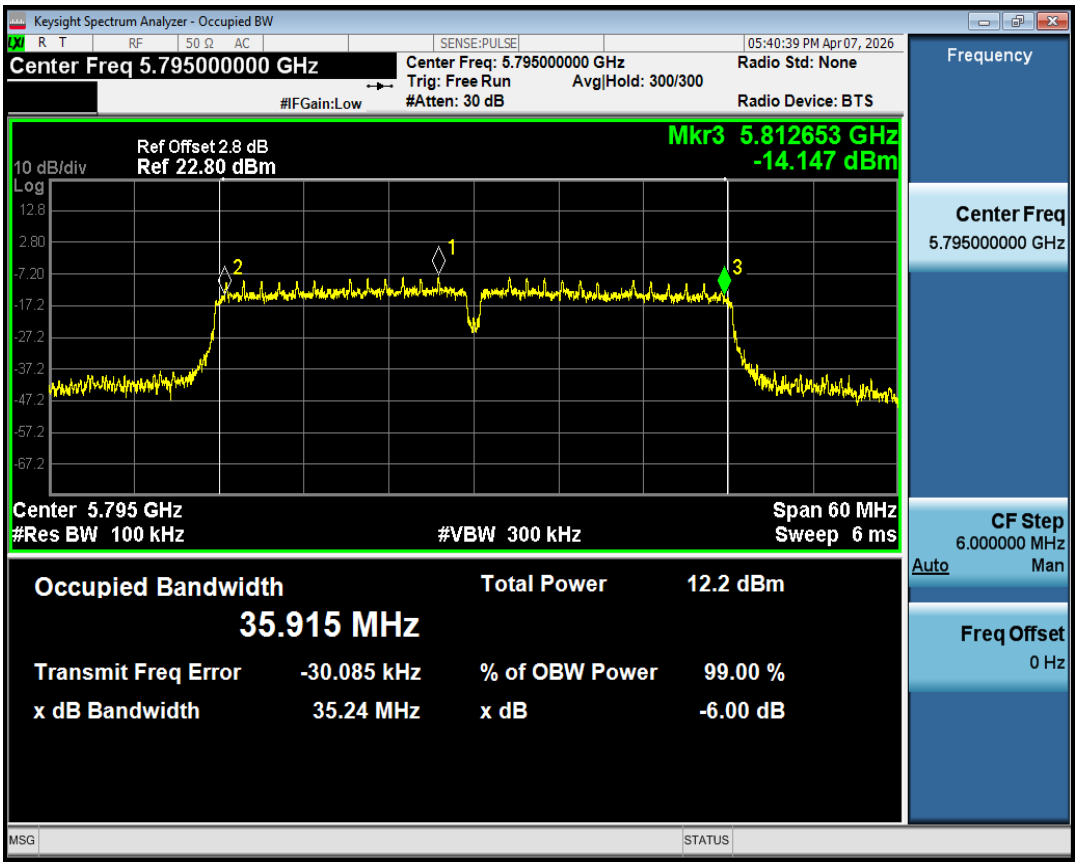
-6dB Bandwidth NVNT n20 5785MHz Ant1



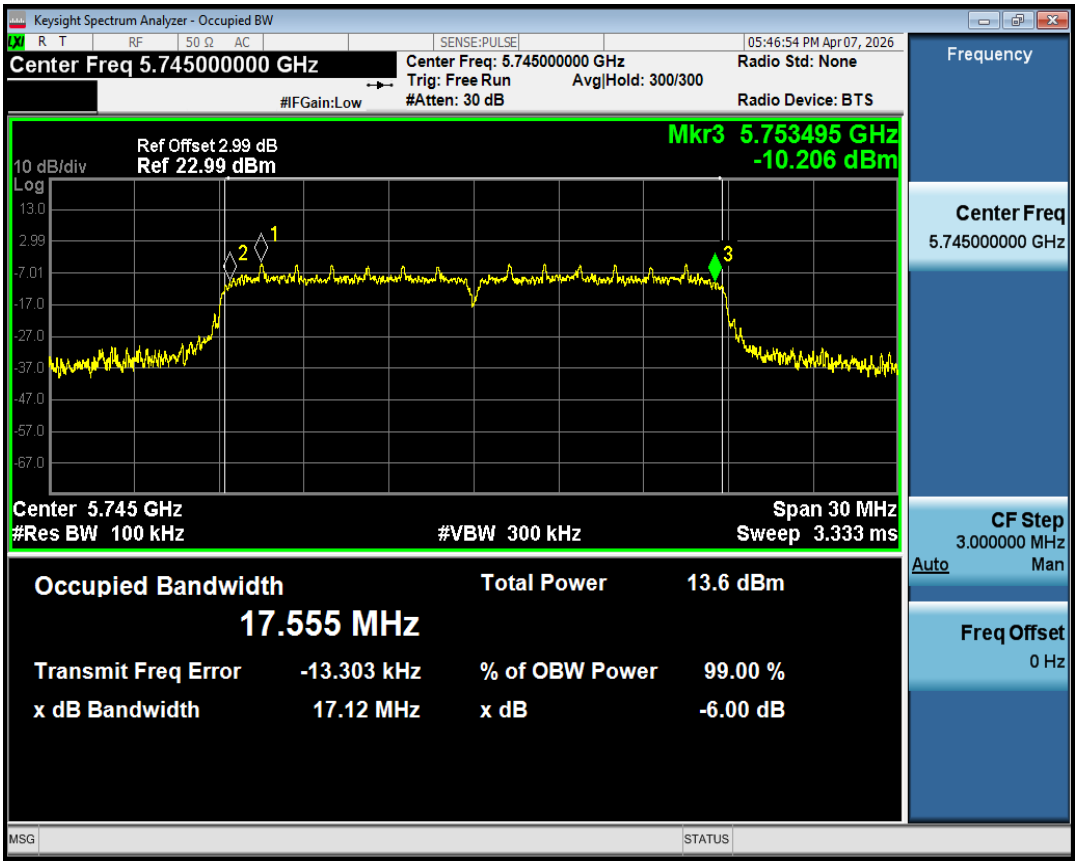
-6dB Bandwidth NVNT n20 5825MHz Ant1



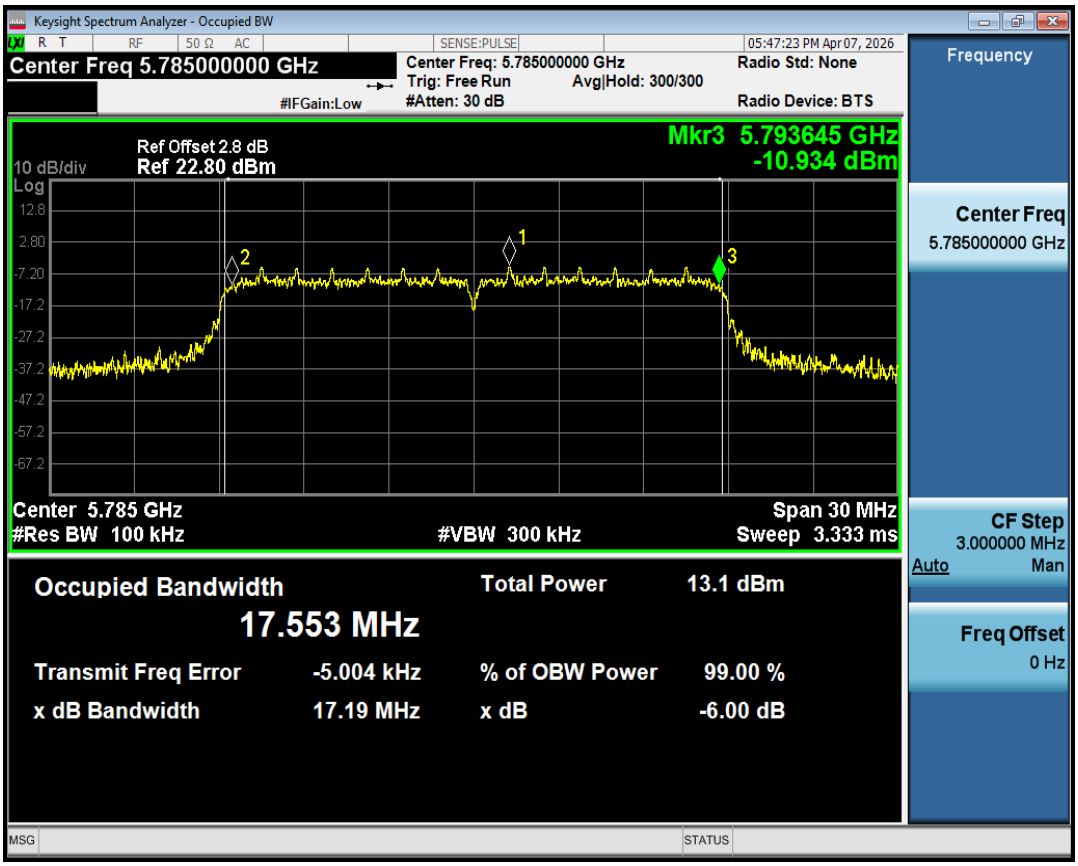
-6dB Bandwidth NVNT n40 5755MHz Ant1



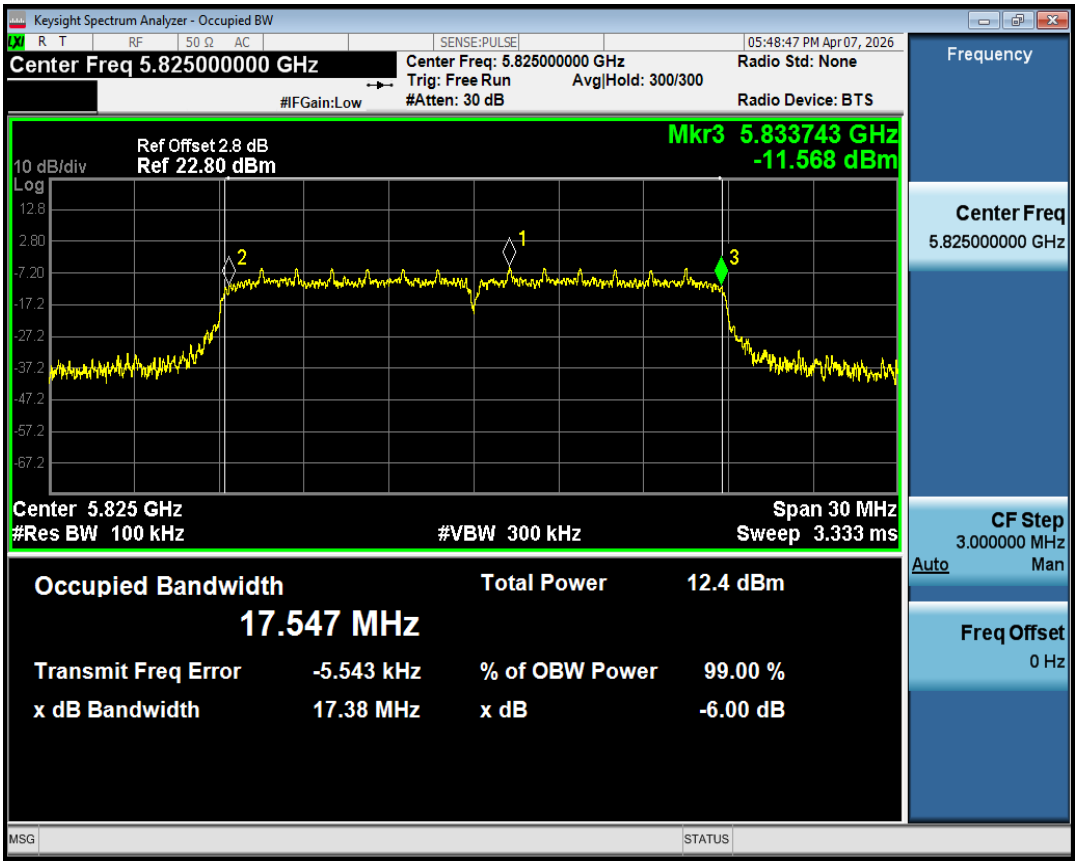
-6dB Bandwidth NVNT n40 5795MHz Ant1



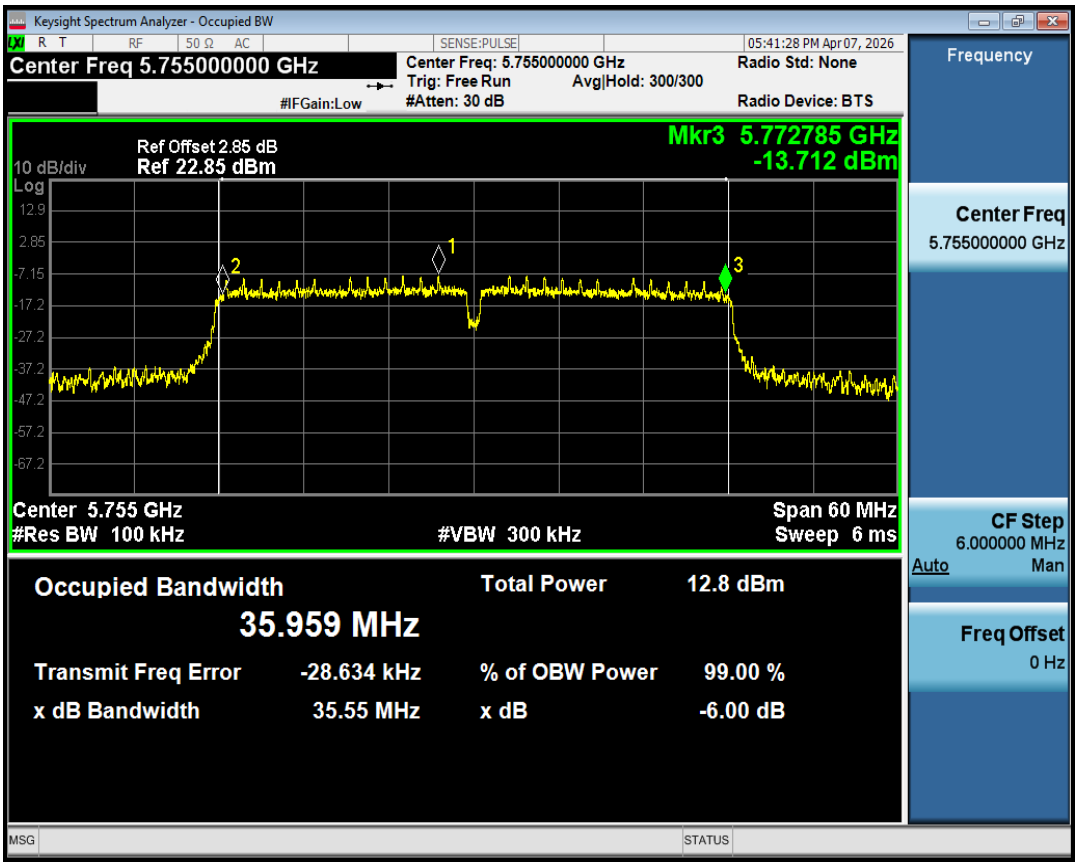
-6dB Bandwidth NVNT ac20 5745MHz Ant1



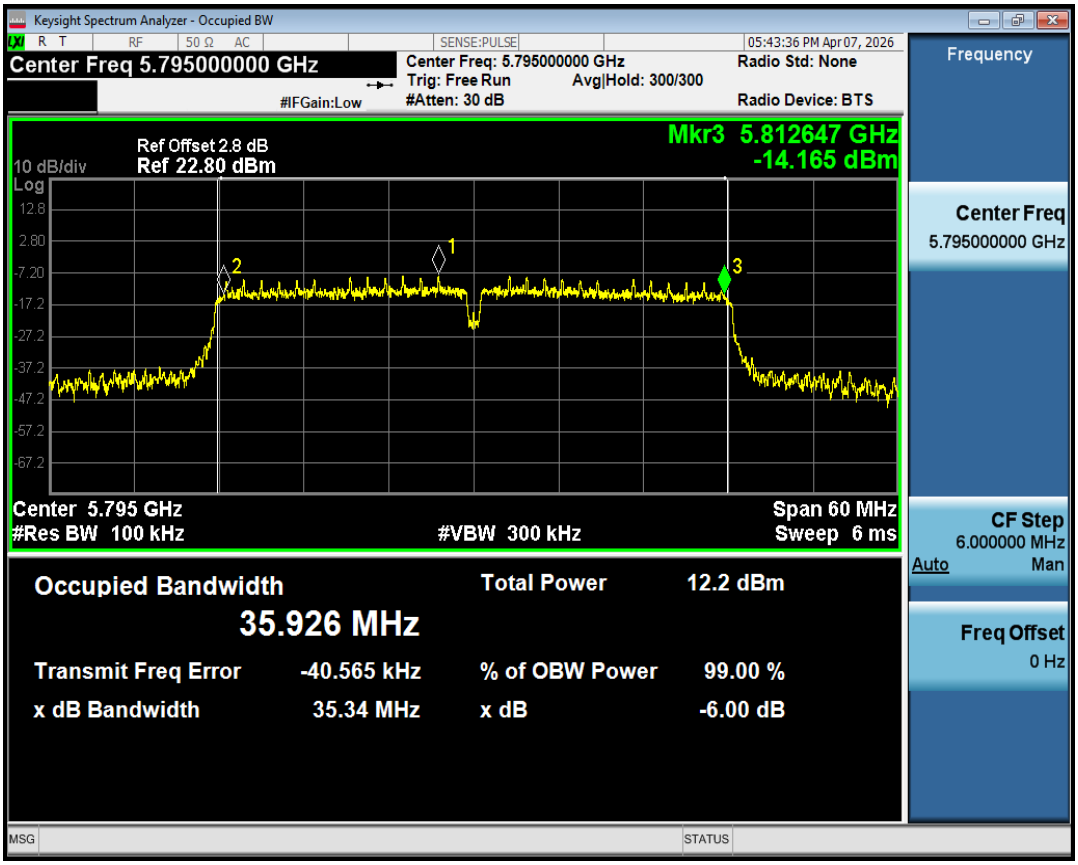
-6dB Bandwidth NVNT ac20 5785MHz Ant1



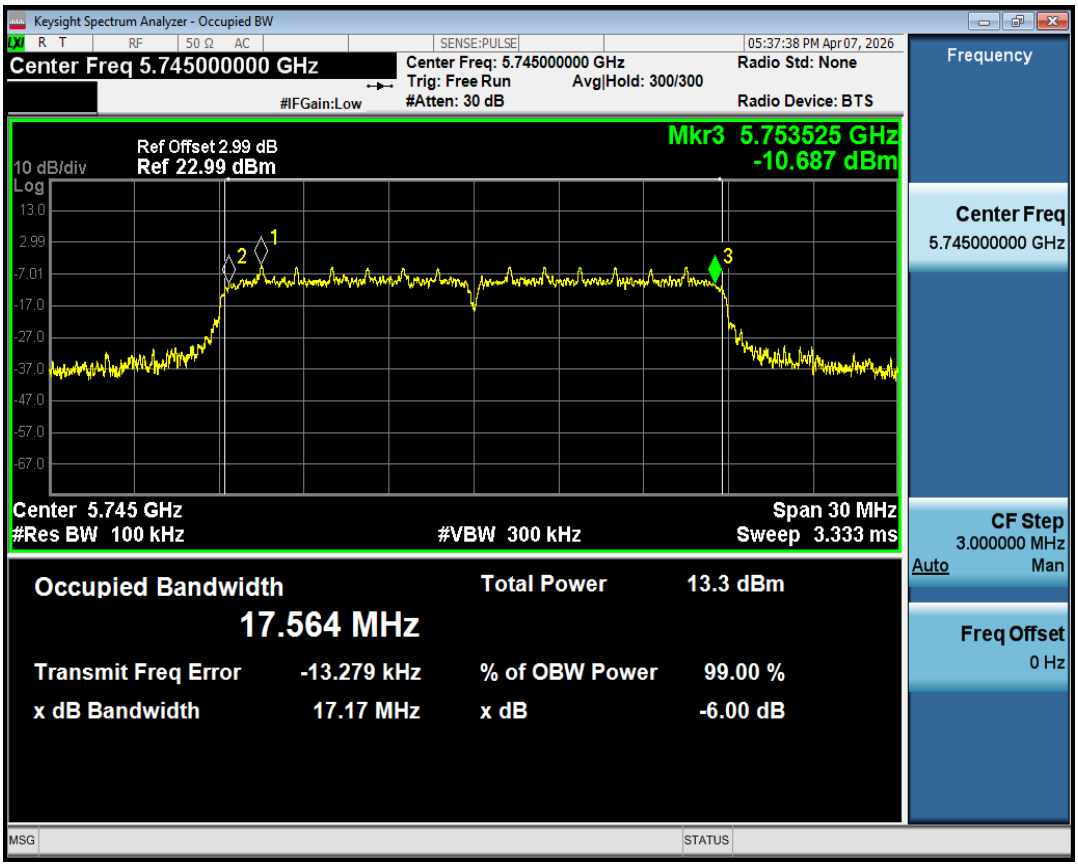
-6dB Bandwidth NVNT ac20 5825MHz Ant1



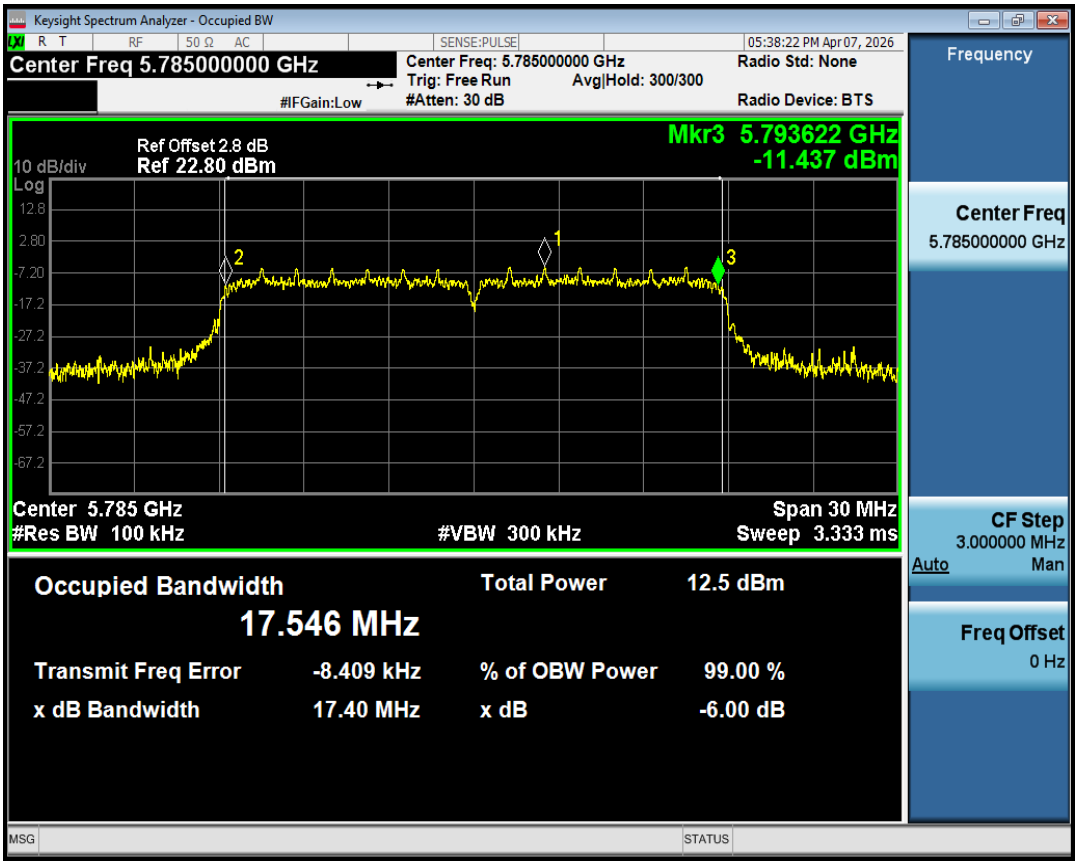
-6dB Bandwidth NVNT ac40 5755MHz Ant1



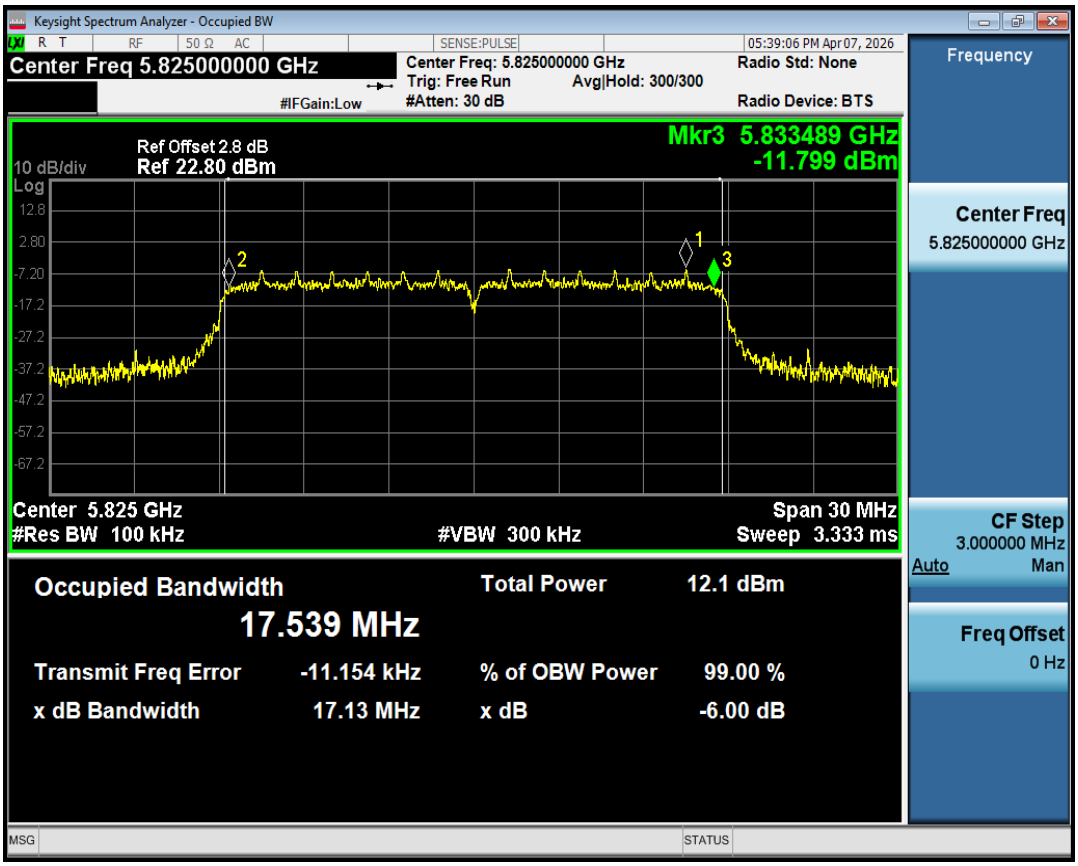
-6dB Bandwidth NVNT ac40 5795MHz Ant1



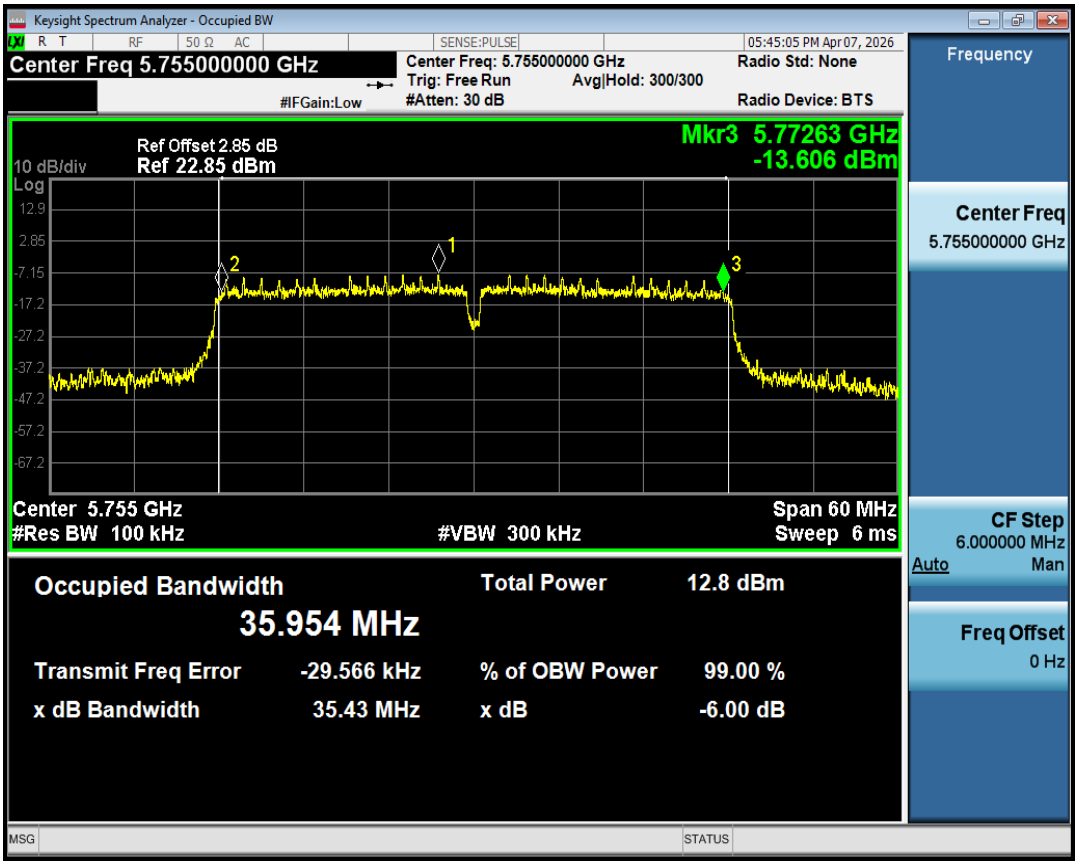
-6dB Bandwidth NVNT ax20 5745MHz Ant1



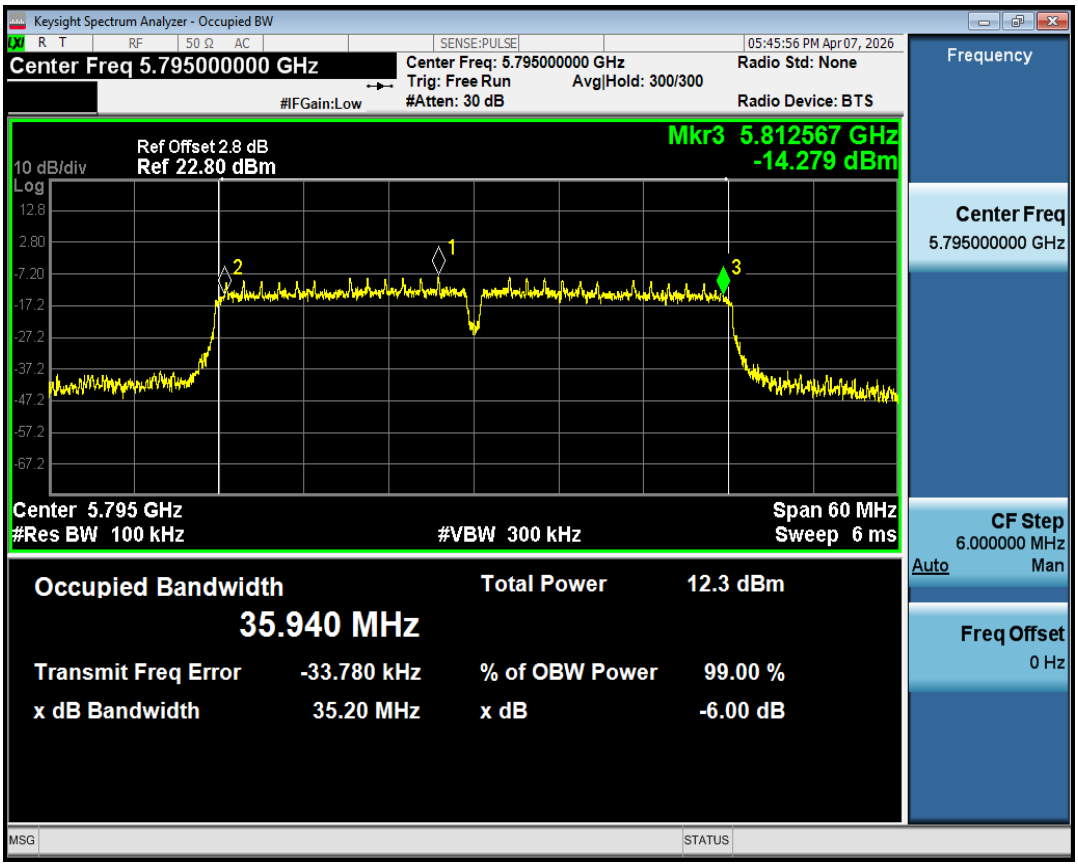
-6dB Bandwidth NVNT ax20 5785MHz Ant1



-6dB Bandwidth NVNT ax20 5825MHz Ant1



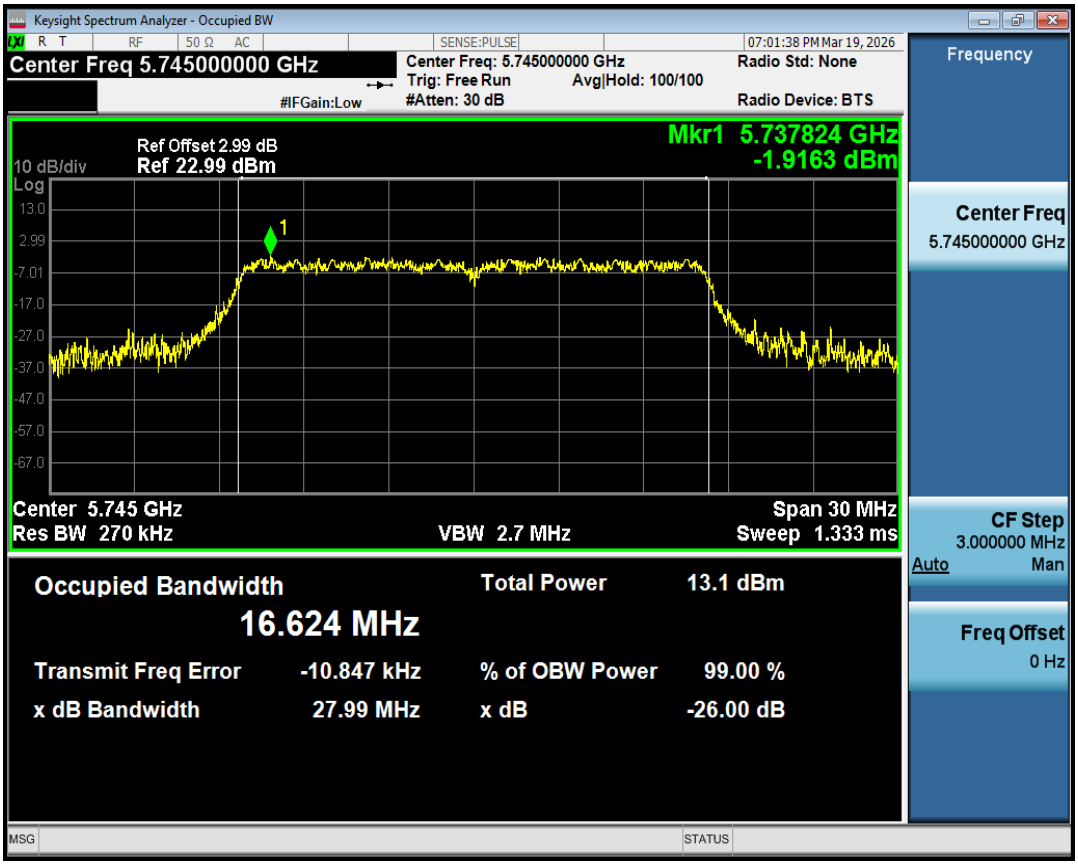
-6dB Bandwidth NVNT ax40 5755MHz Ant1



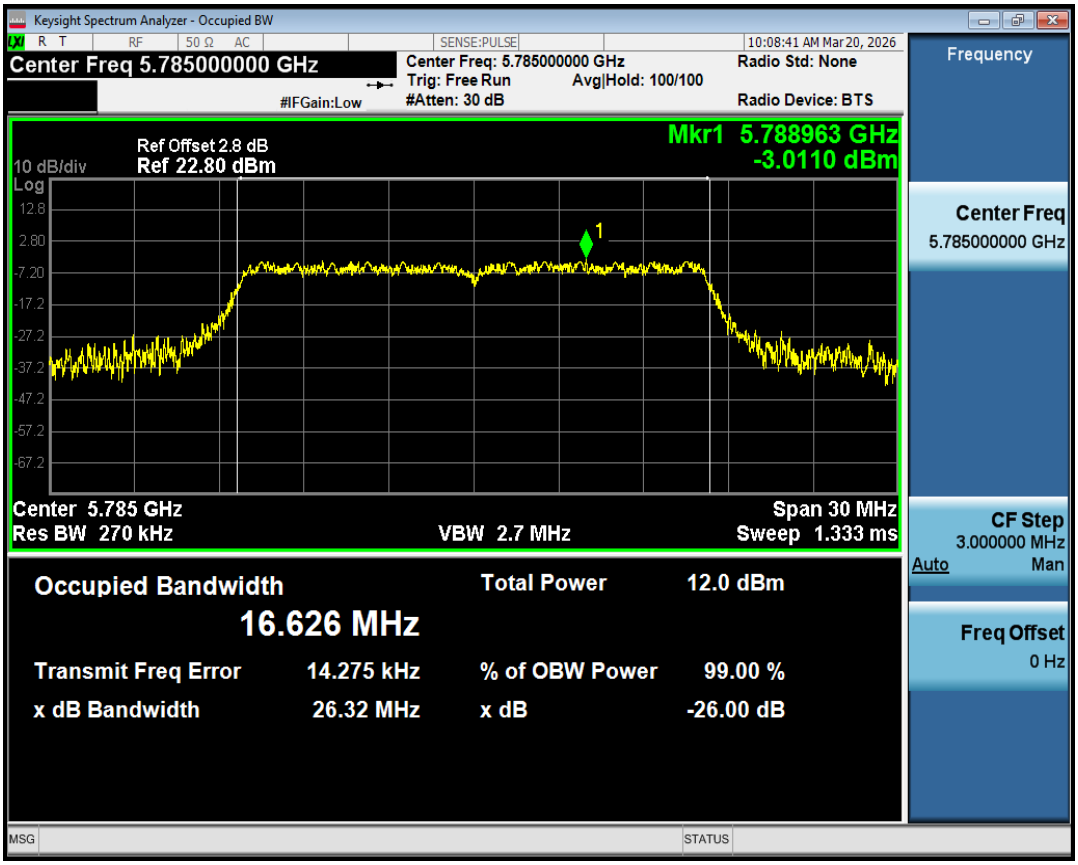
-6dB Bandwidth NVNT ax40 5795MHz Ant1

Occupied Channel Bandwidth

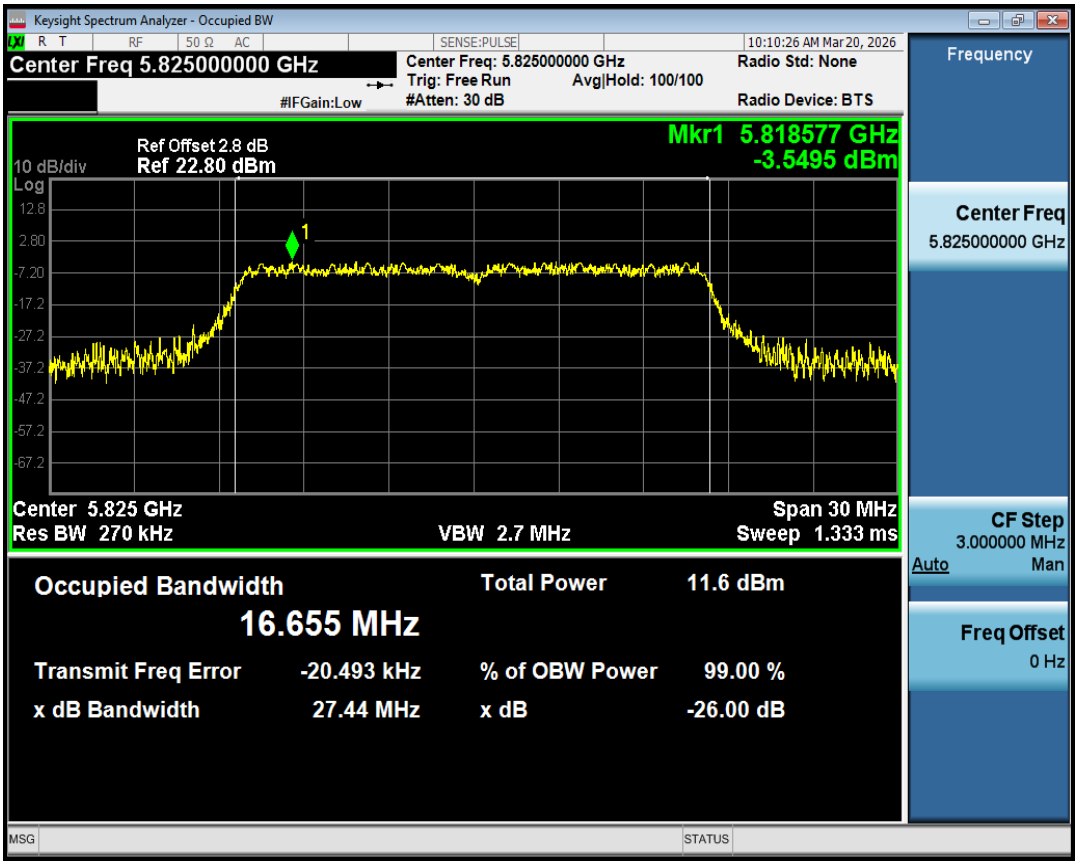
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.624
NVNT	a	5785	Ant1	16.626
NVNT	a	5825	Ant1	16.655
NVNT	n20	5745	Ant1	17.639
NVNT	n20	5785	Ant1	17.655
NVNT	n20	5825	Ant1	17.642
NVNT	n40	5755	Ant1	36.178
NVNT	n40	5795	Ant1	36.172
NVNT	ac20	5745	Ant1	17.659
NVNT	ac20	5785	Ant1	17.646
NVNT	ac20	5825	Ant1	17.612
NVNT	ac40	5755	Ant1	36.156
NVNT	ac40	5795	Ant1	36.182
NVNT	ax20	5745	Ant1	17.638
NVNT	ax20	5785	Ant1	17.662
NVNT	ax20	5825	Ant1	17.628
NVNT	ax40	5755	Ant1	36.244
NVNT	ax40	5795	Ant1	36.192



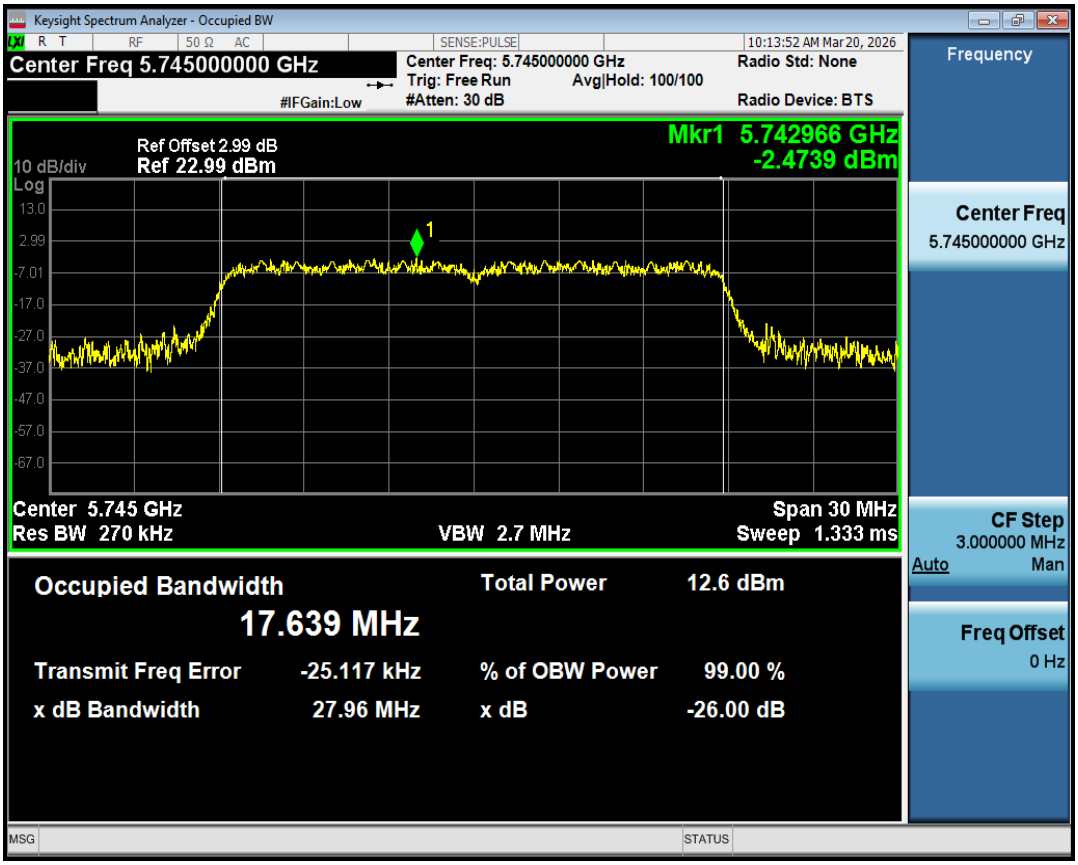
OBW NVNT a 5745MHz Ant1



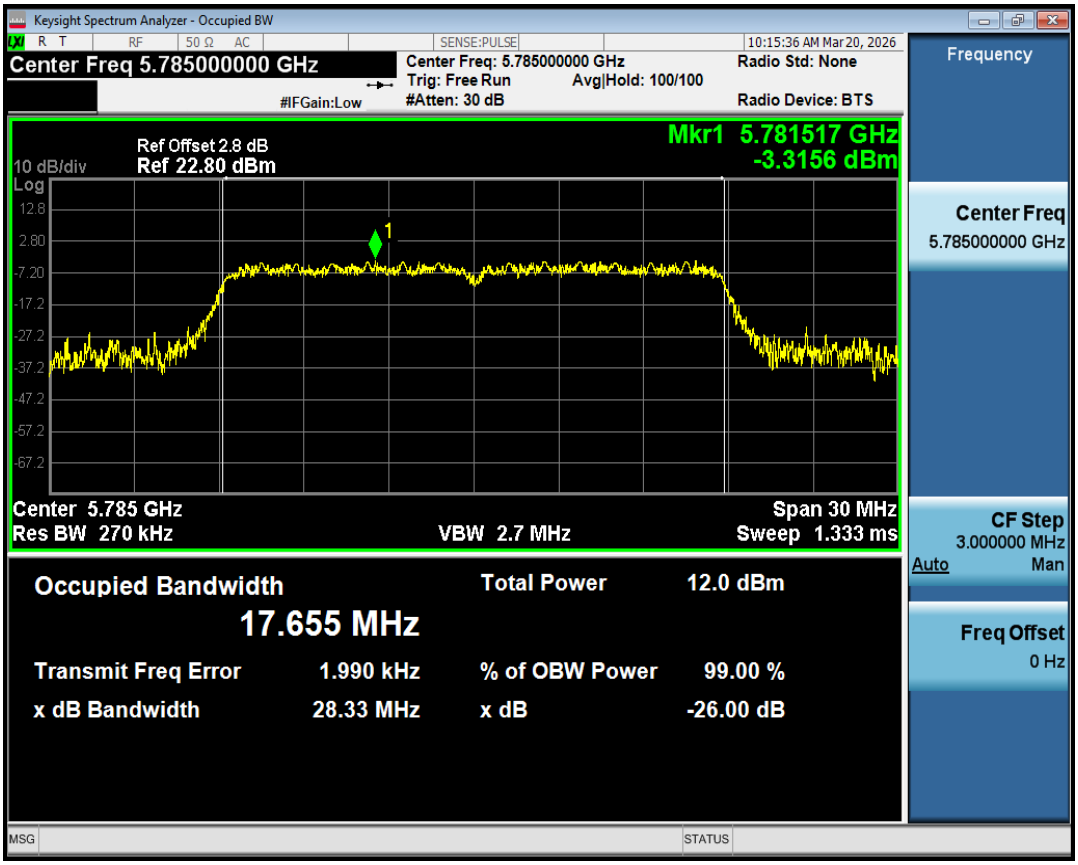
OBW NVNT a 5785MHz Ant1



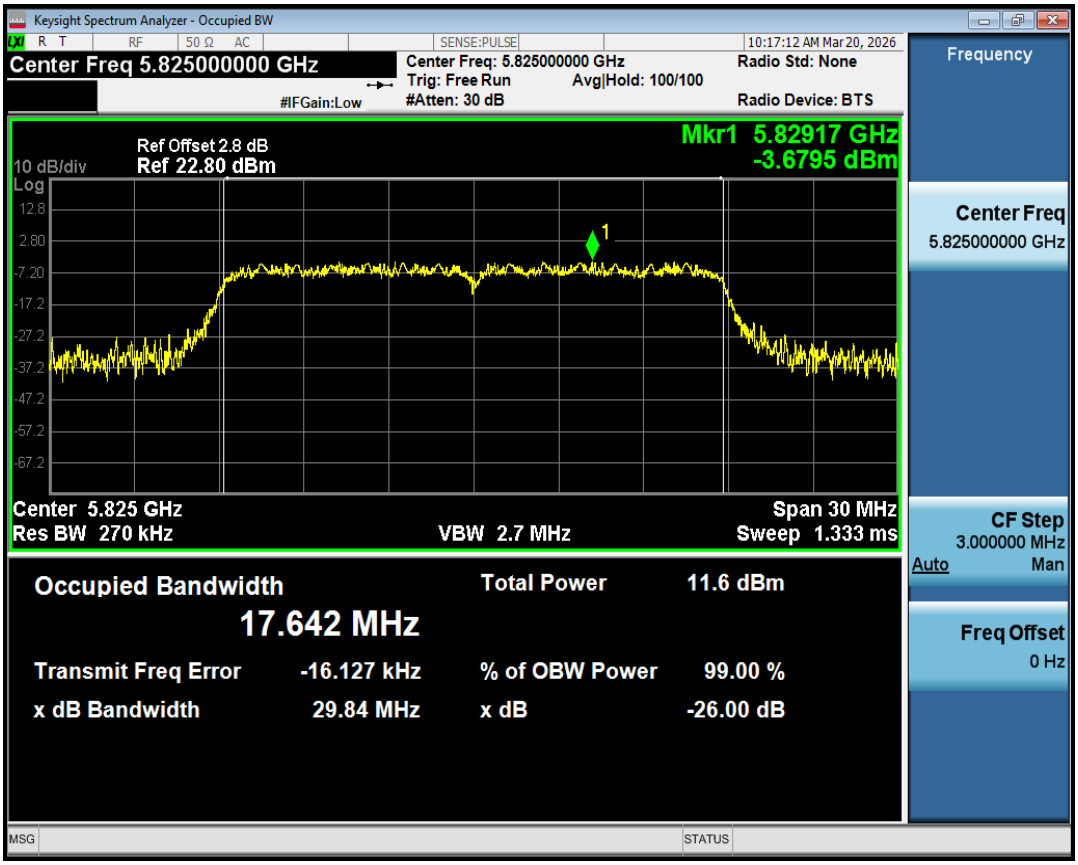
OBW NVNT a 5825MHz Ant1



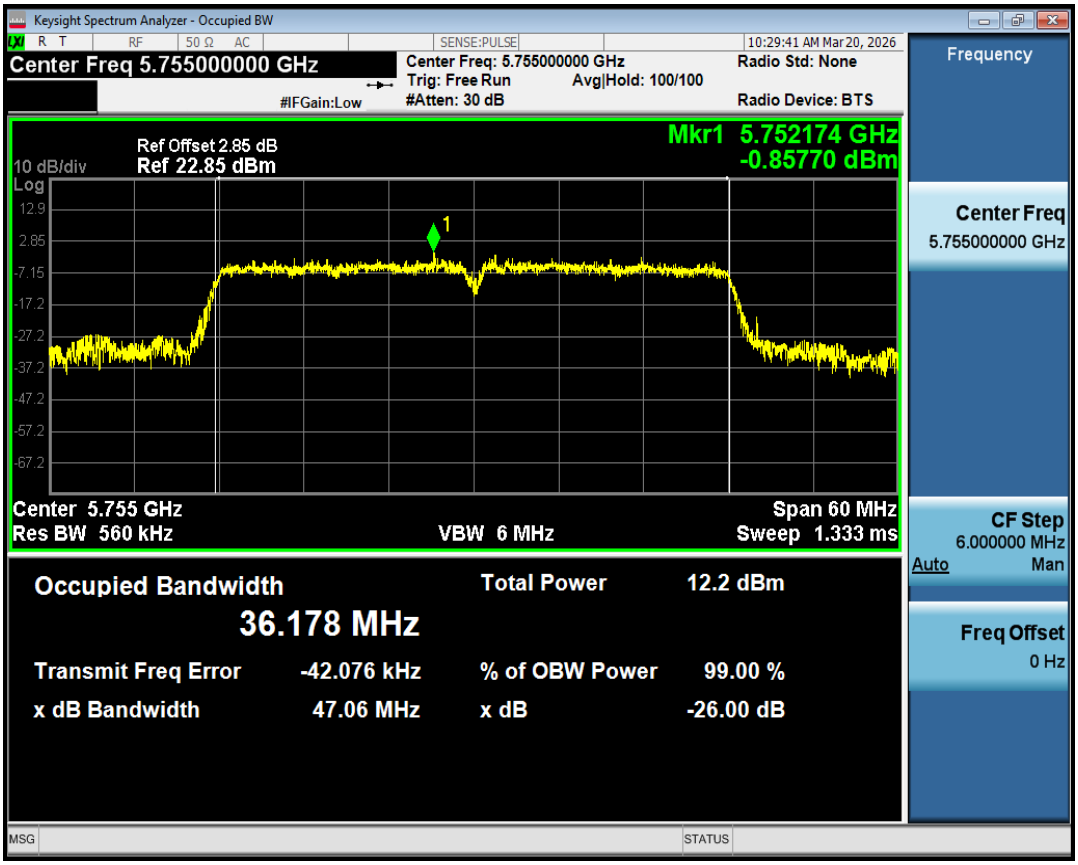
OBW NVNT n20 5745MHz Ant1



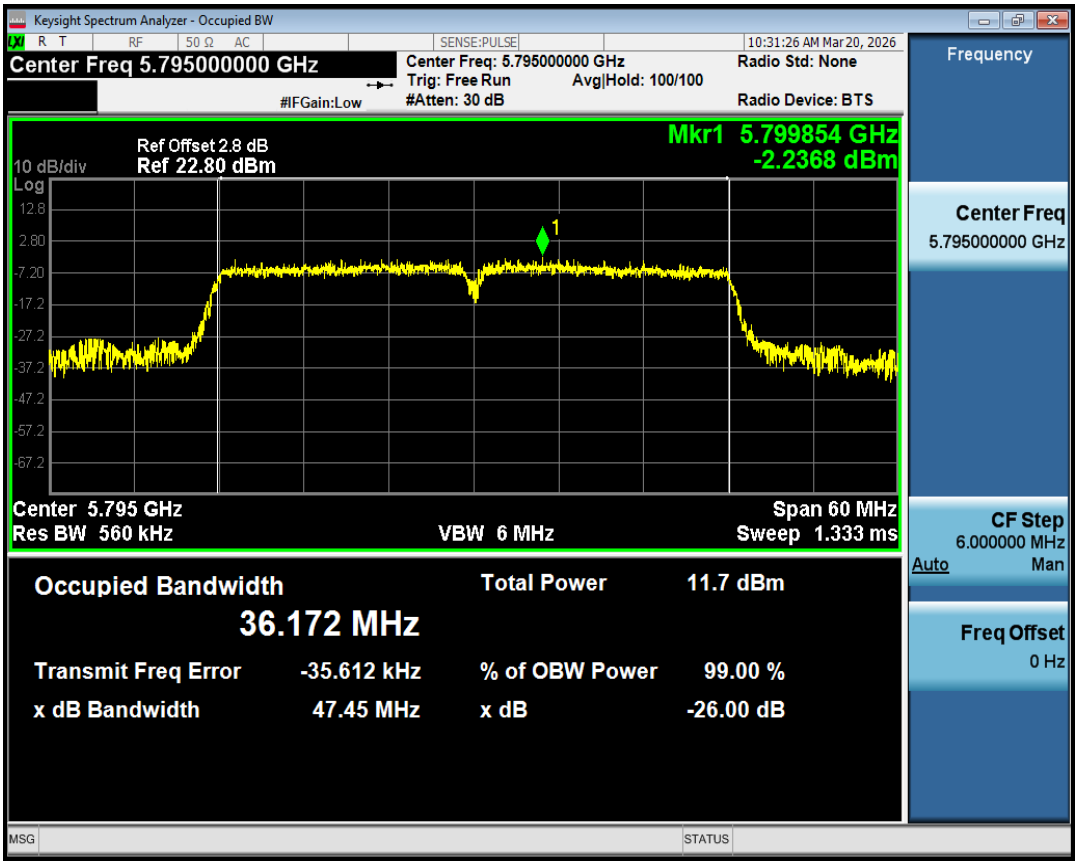
OBW NVNT n20 5785MHz Ant1



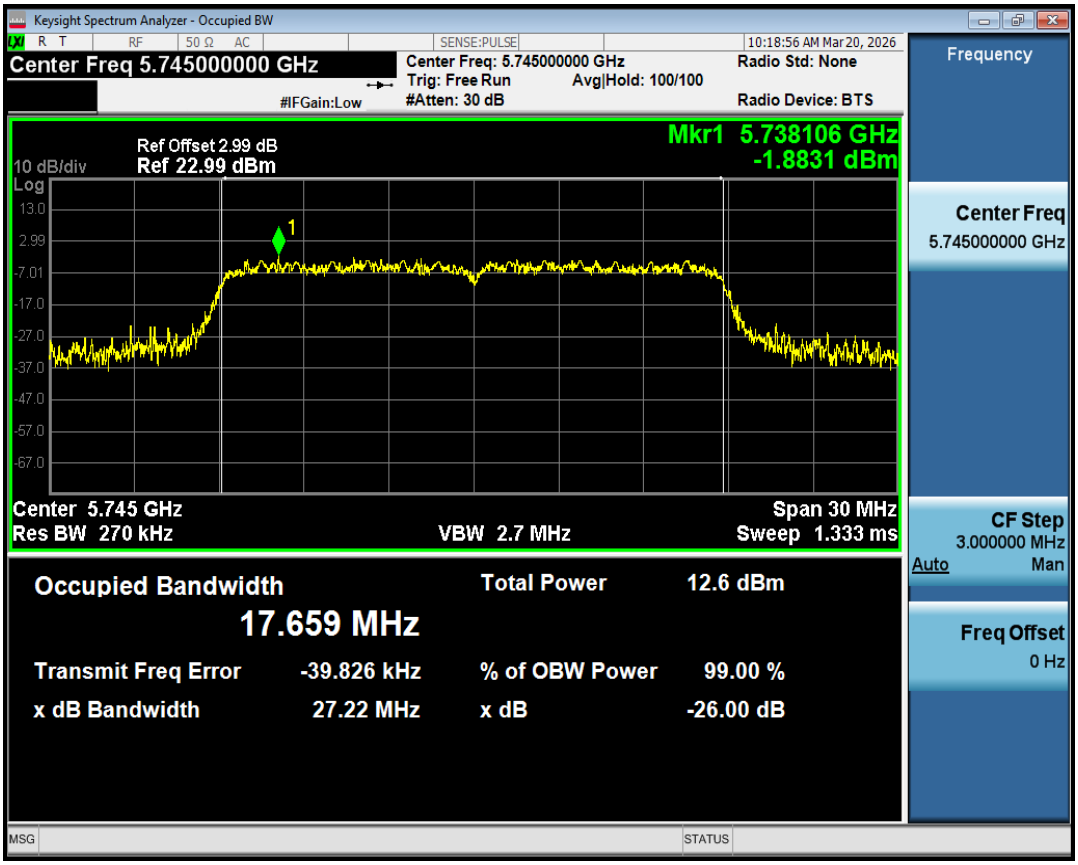
OBW NVNT n20 5825MHz Ant1



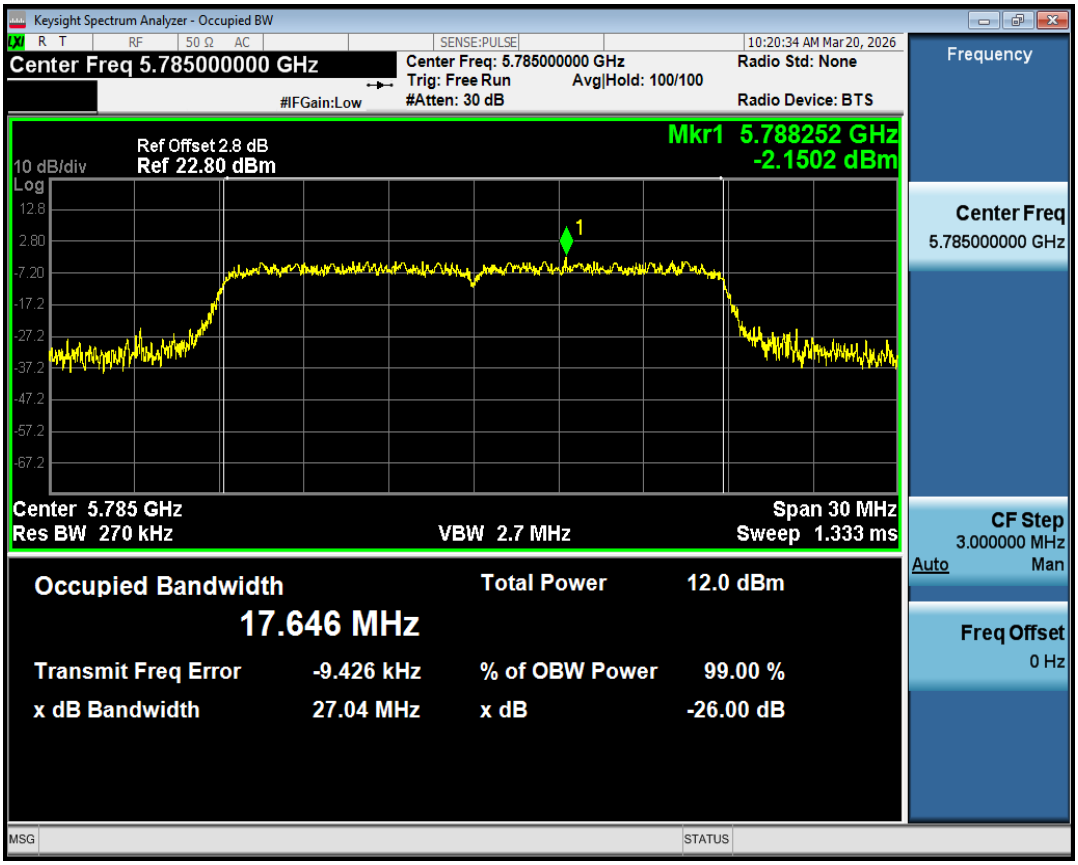
OBW NVNT n40 5755MHz Ant1



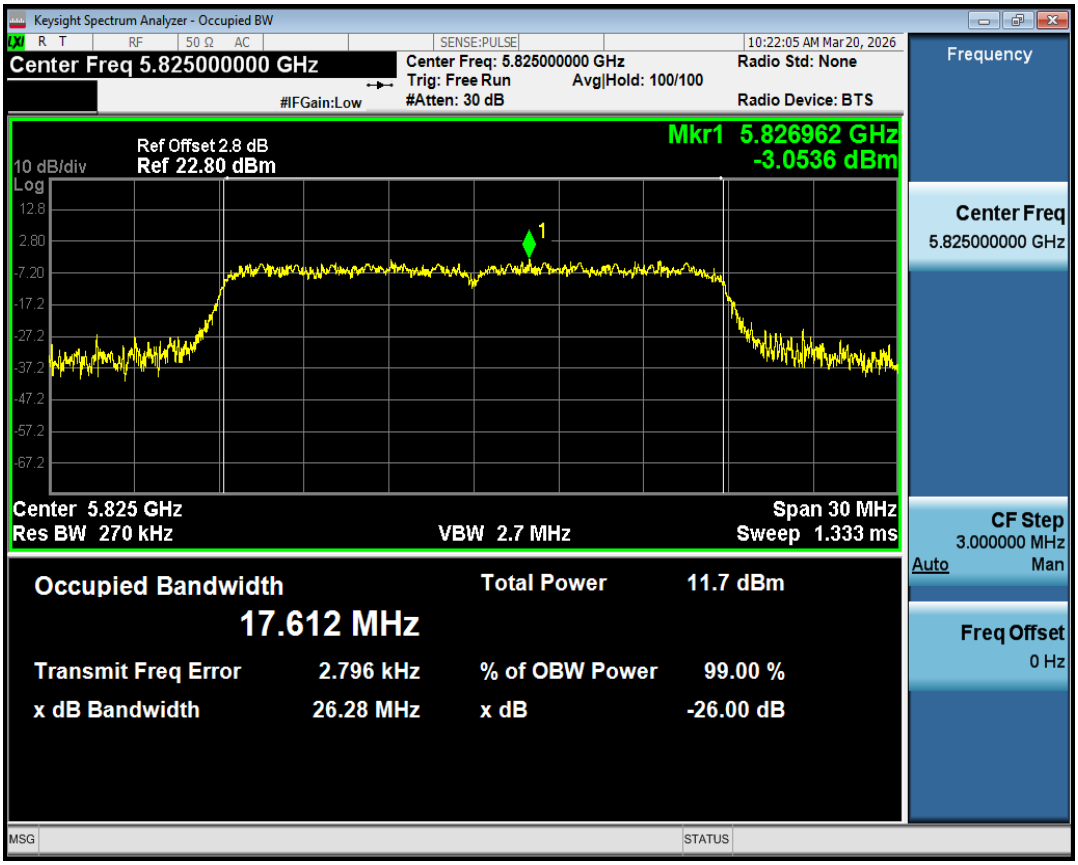
OBW NVNT n40 5795MHz Ant1



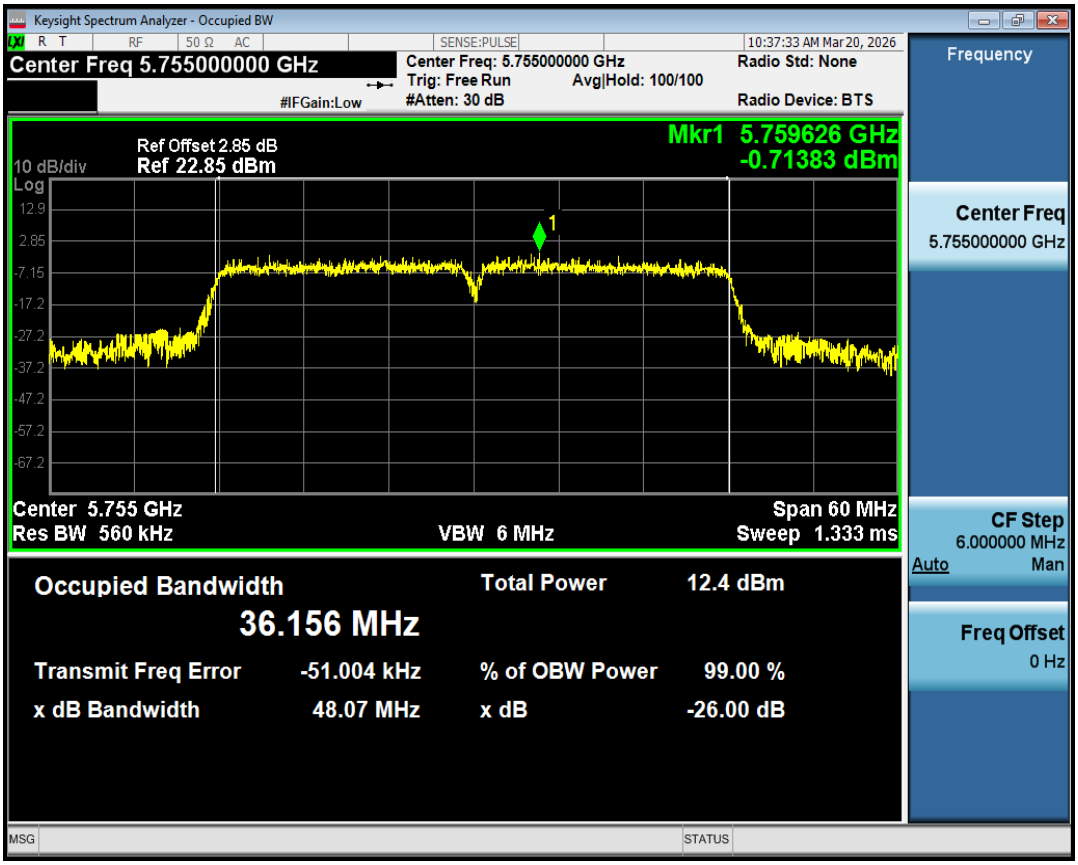
OBW NVNT ac20 5745MHz Ant1



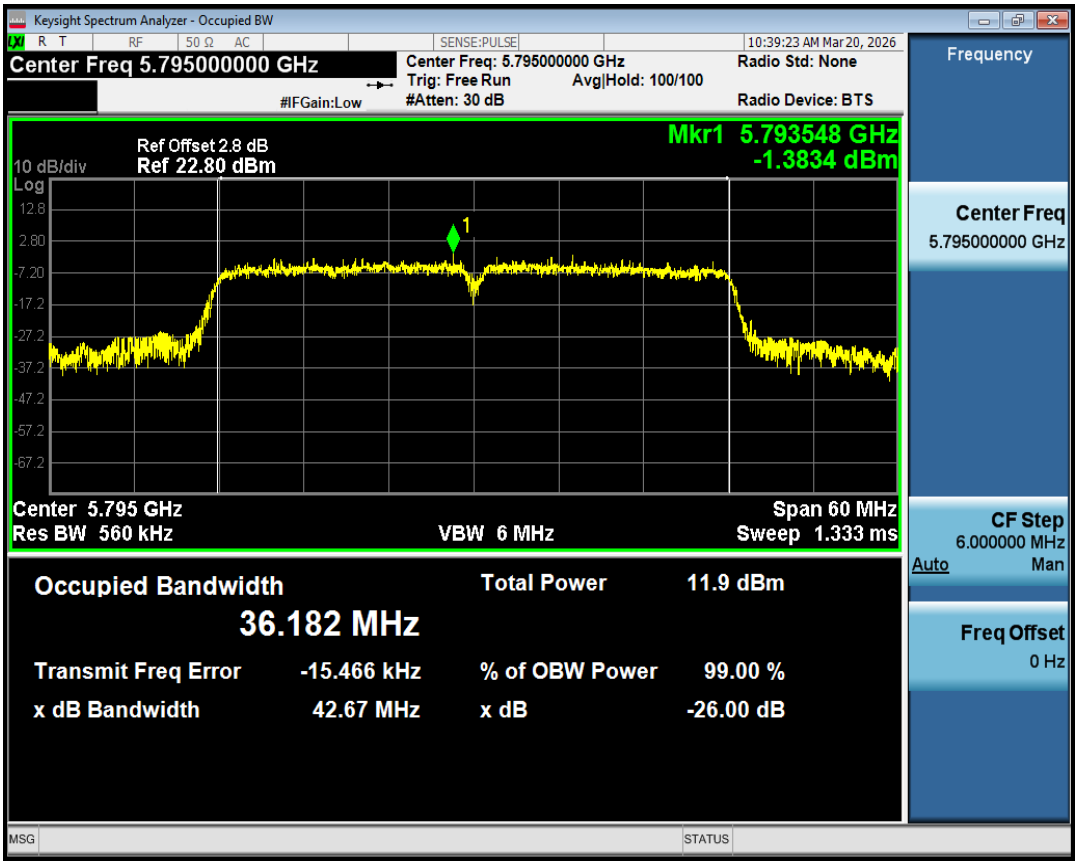
OBW NVNT ac20 5785MHz Ant1



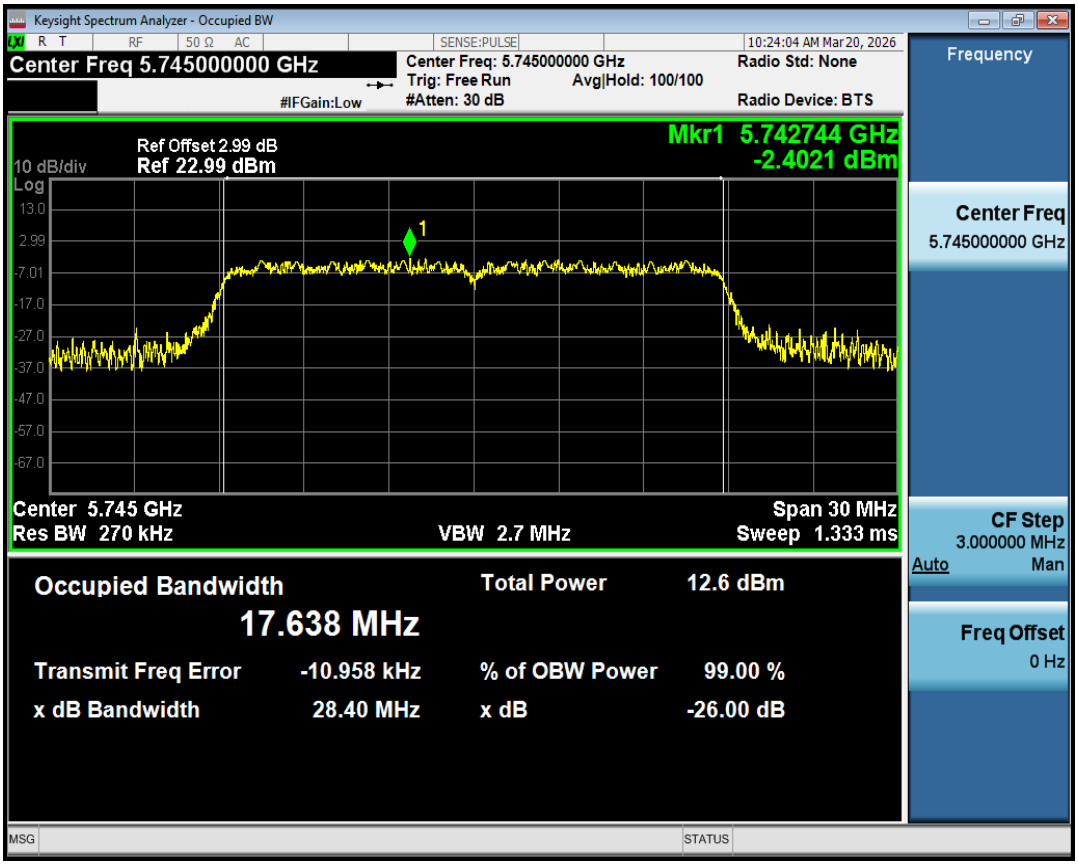
OBW NVNT ac20 5825MHz Ant1



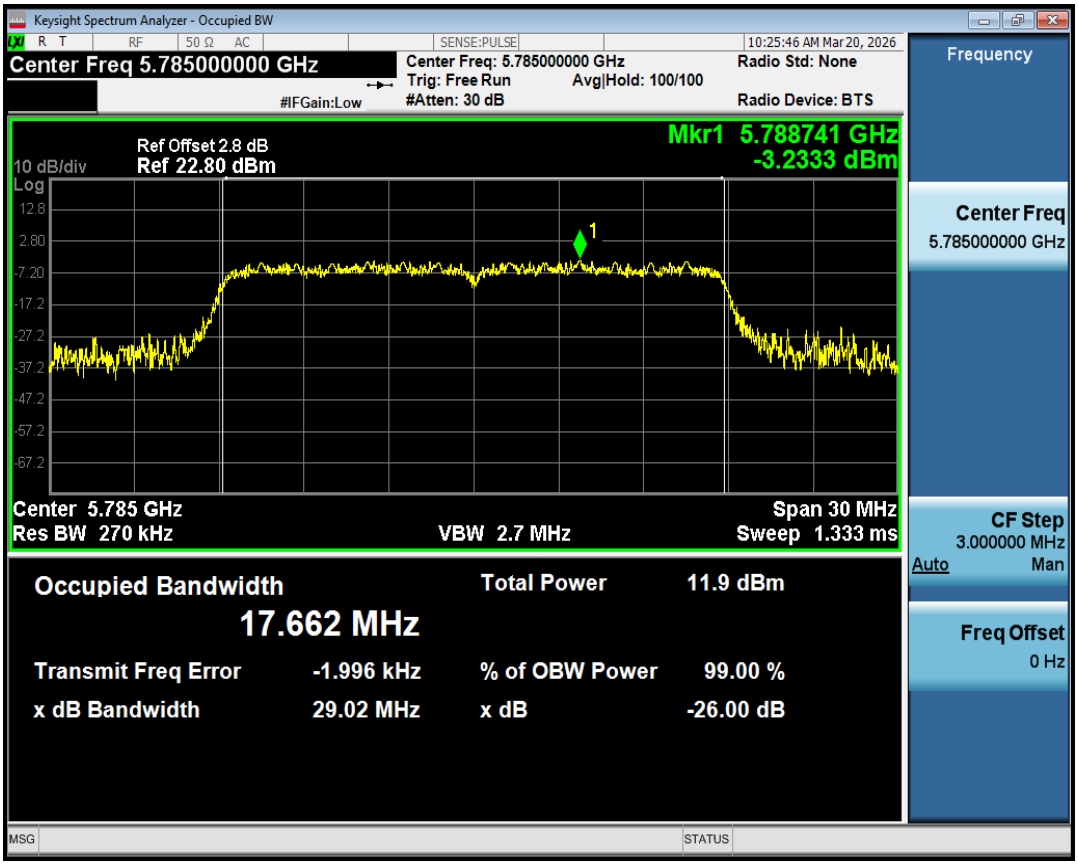
OBW NVNT ac40 5755MHz Ant1



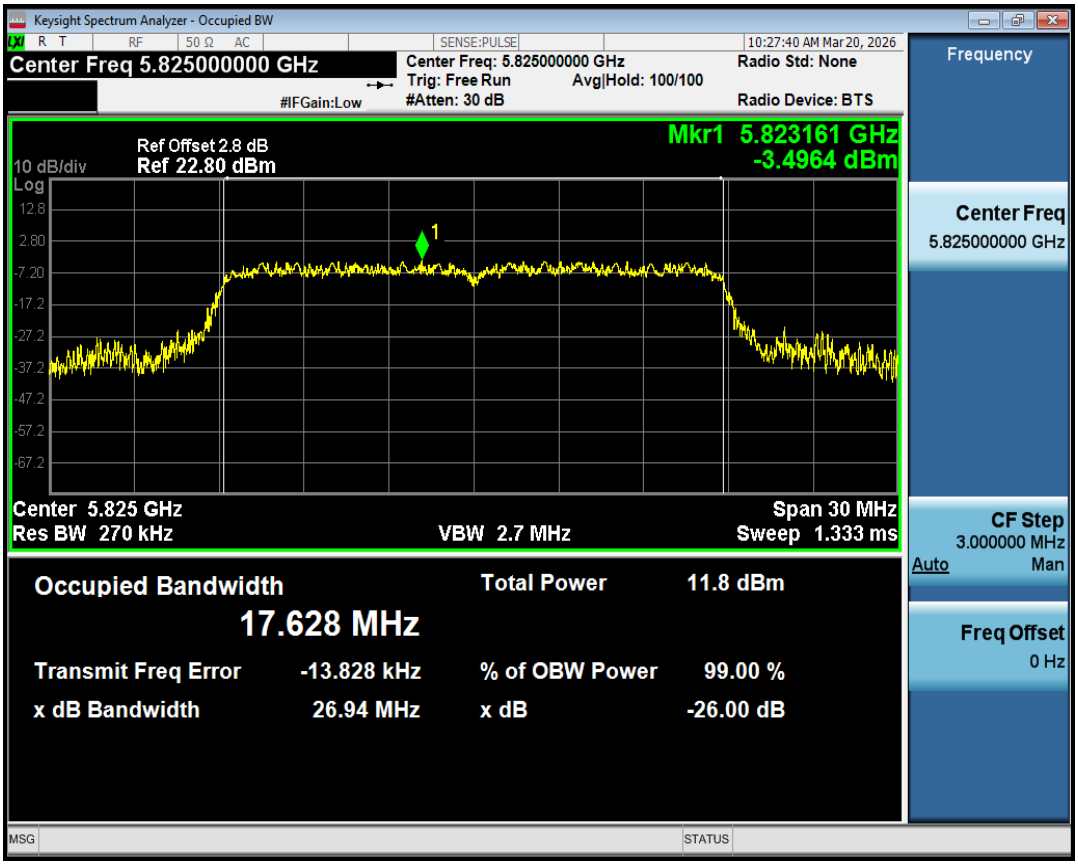
OBW NVNT ac40 5795MHz Ant1



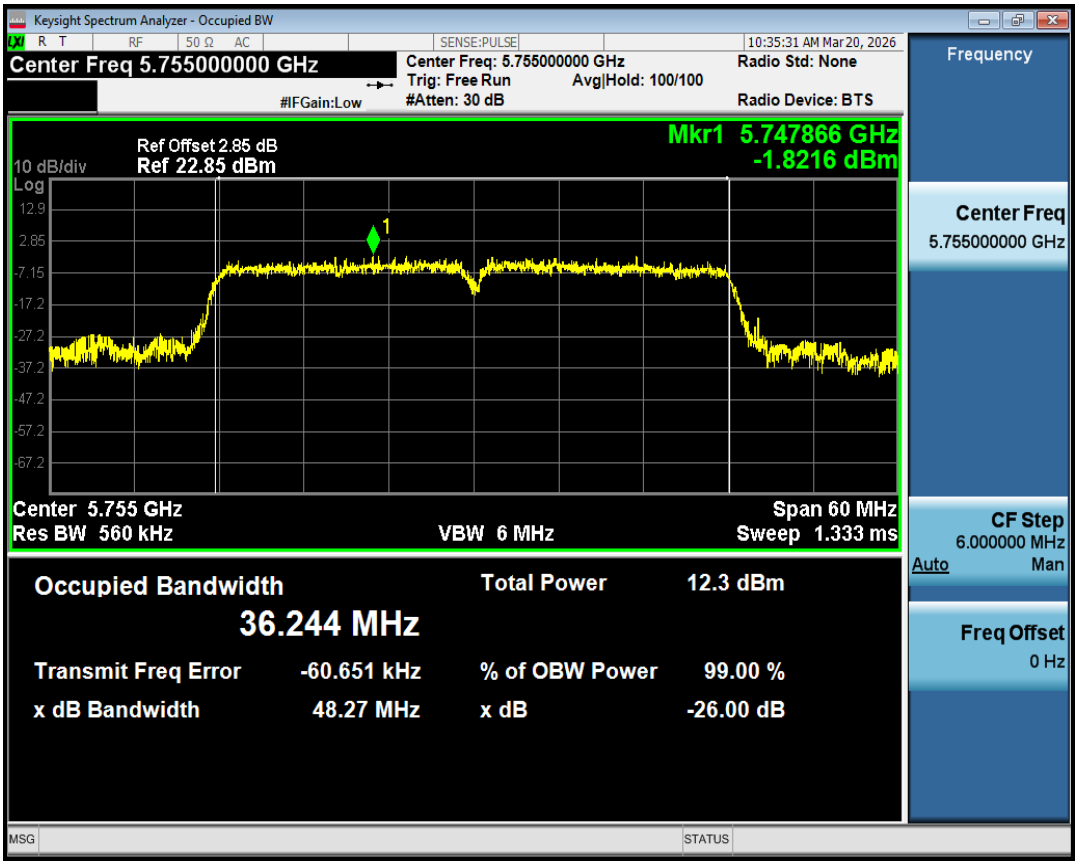
OBW NVNT ax20 5745MHz Ant1



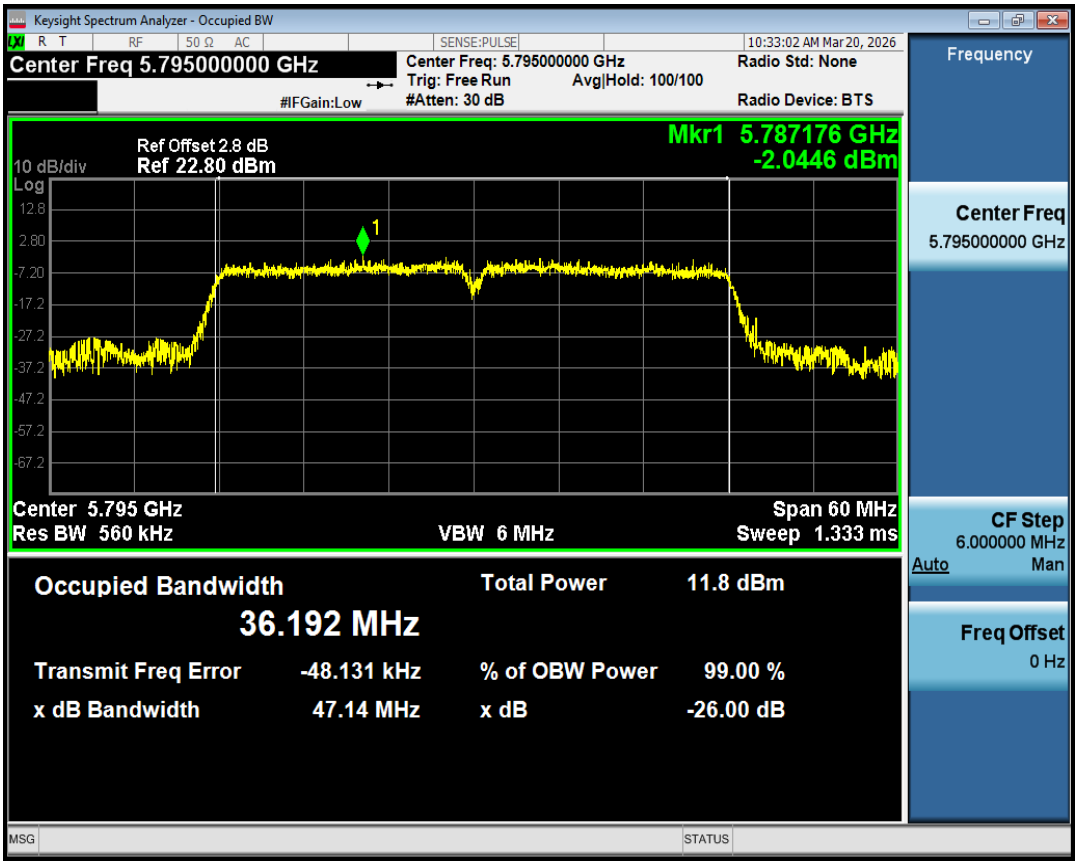
OBW NVNT ax20 5785MHz Ant1



OBW NVNT ax20 5825MHz Ant1



OBW NVNT ax40 5755MHz Ant1



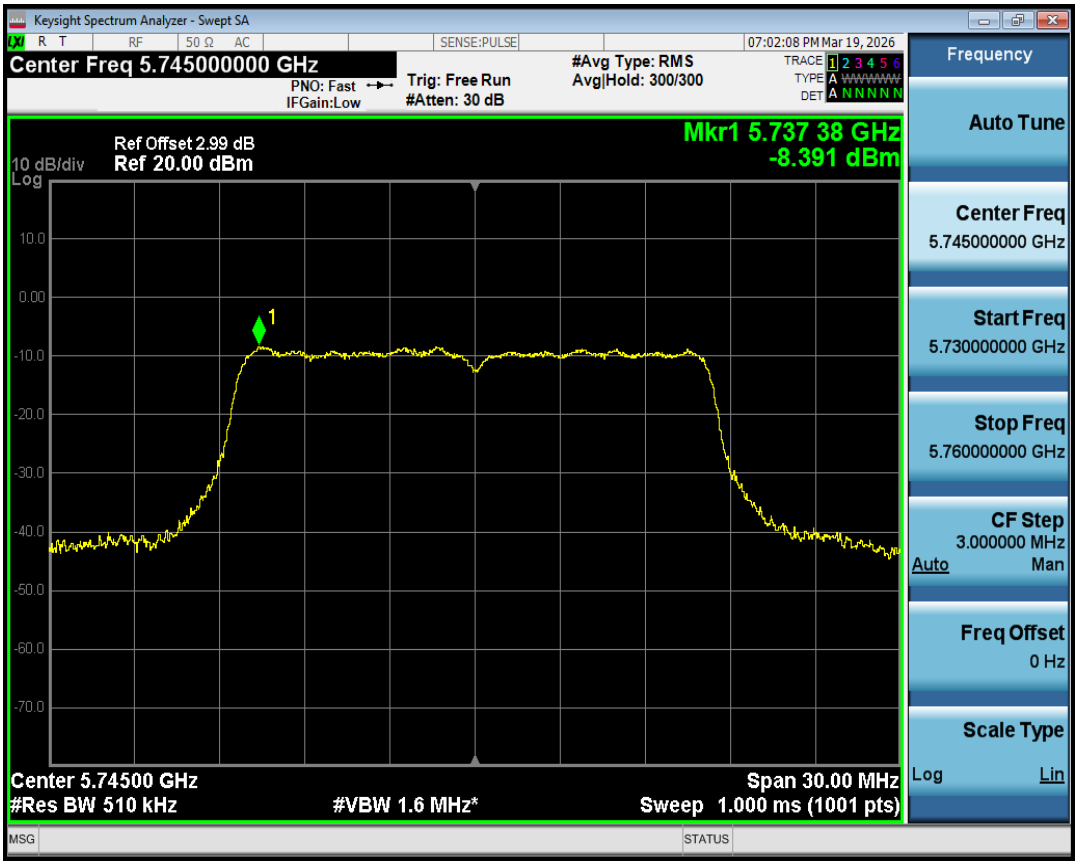
OBW NVNT ax40 5795MHz Ant1

Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/510kHz)	Duty Factor (dB)	RB factor (dB)	Total Conducted PSD (dBm/500kHz)	Limit Conducted (dBm/500kHz)	Verdict
NVNT	a	5745	Ant1	-8.39	2.43	-0.086	-6.046	30	Pass
NVNT	a	5785	Ant1	-9.35	2.43	-0.086	-7.006	30	Pass
NVNT	a	5825	Ant1	-9.48	2.6	-0.086	-6.966	30	Pass
NVNT	n20	5745	Ant1	-8.62	2.6	-0.086	-6.106	30	Pass
NVNT	n20	5785	Ant1	-9.03	2.43	-0.086	-6.686	30	Pass
NVNT	n20	5825	Ant1	-9.76	2.43	-0.086	-7.416	30	Pass
NVNT	n40	5755	Ant1	-12.59	3.59	-0.086	-9.086	30	Pass
NVNT	n40	5795	Ant1	-13.11	3.59	-0.086	-9.606	30	Pass
NVNT	ac20	5745	Ant1	-8.8	2.43	-0.086	-6.456	30	Pass
NVNT	ac20	5785	Ant1	-9.05	2.43	-0.086	-6.706	30	Pass
NVNT	ac20	5825	Ant1	-9.66	2.43	-0.086	-7.316	30	Pass
NVNT	ac40	5755	Ant1	-12.66	3.27	-0.086	-9.476	30	Pass
NVNT	ac40	5795	Ant1	-12.93	3.01	-0.086	-10.006	30	Pass
NVNT	ax20	5745	Ant1	-8.62	2.6	-0.086	-6.106	30	Pass
NVNT	ax20	5785	Ant1	-9.51	2.43	-0.086	-7.166	30	Pass
NVNT	ax20	5825	Ant1	-9.56	2.6	-0.086	-7.046	30	Pass
NVNT	ax40	5755	Ant1	-12.46	3.27	-0.086	-9.276	30	Pass
NVNT	ax40	5795	Ant1	-12.96	3.59	-0.086	-9.456	30	Pass

Note:PSD(dbm/500kHz)=PSD(dbm/510kHz)+10Log(500kHz/510kHz)+ Duty Factor

RB factor=10log(500/510)

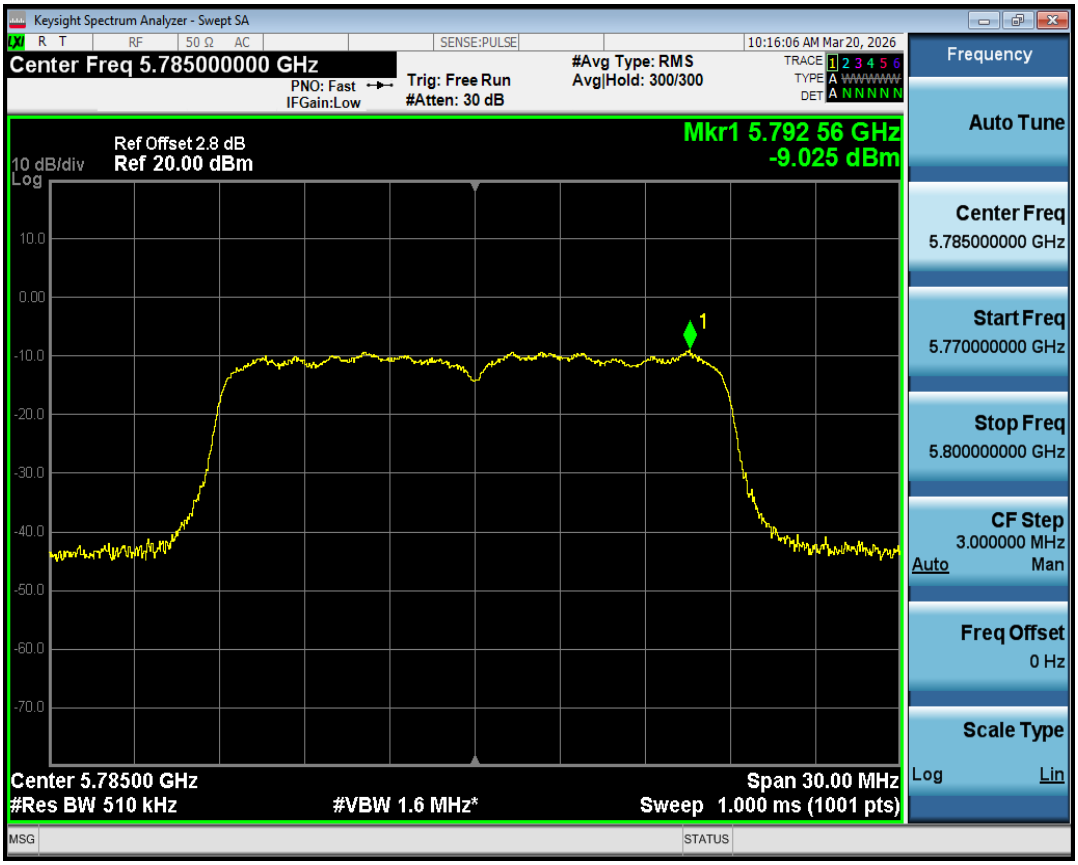


PSD NVNT a 5745MHz Ant1

PSD NVNT a 5785MHz Ant1

PSD NVNT a 5825MHz Ant1

PSD NVNT n20 5745MHz Ant1



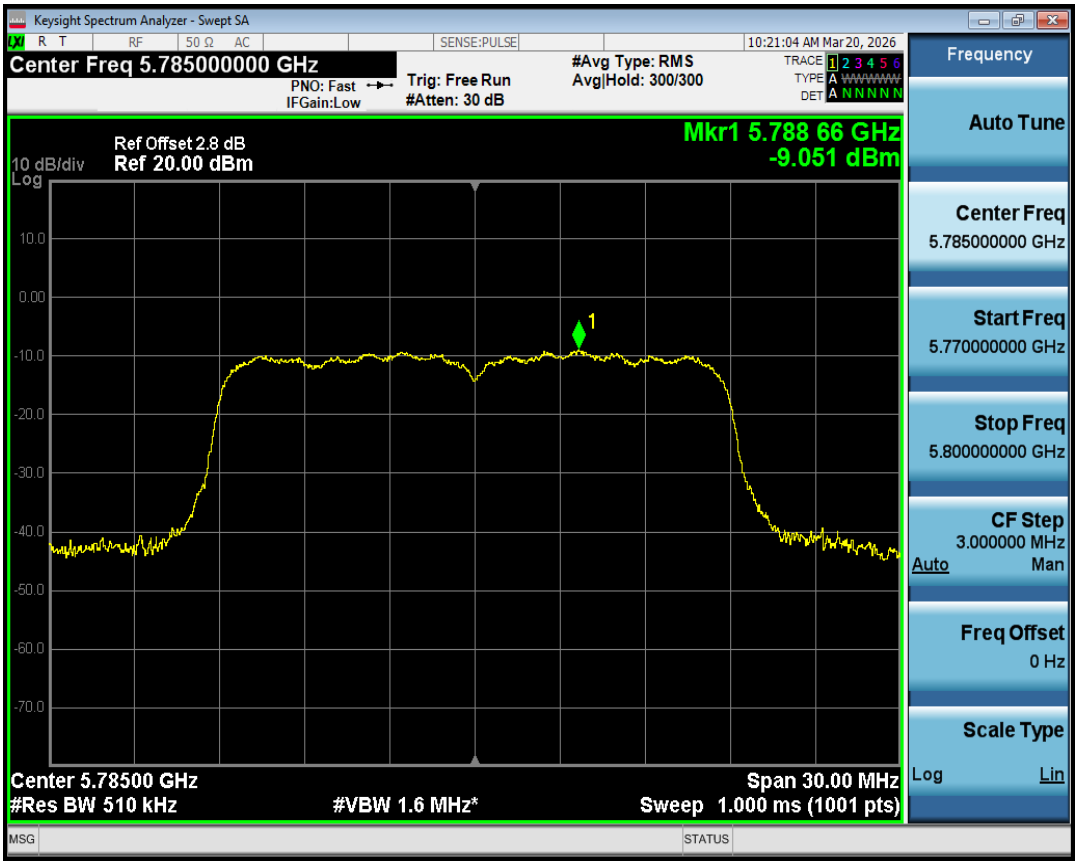
PSD NVNT n20 5785MHz Ant1

PSD NVNT n20 5825MHz Ant1

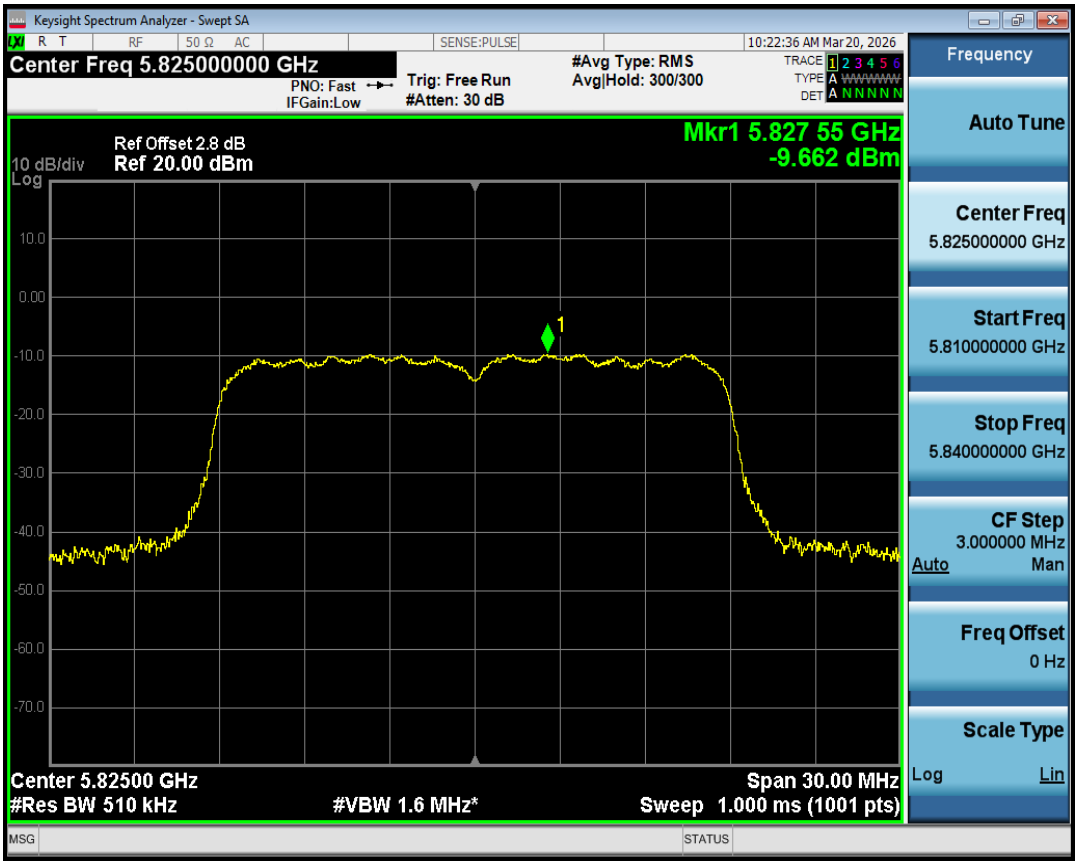
PSD NVNT n40 5755MHz Ant1

PSD NVNT n40 5795MHz Ant1

PSD NVNT ac20 5745MHz Ant1



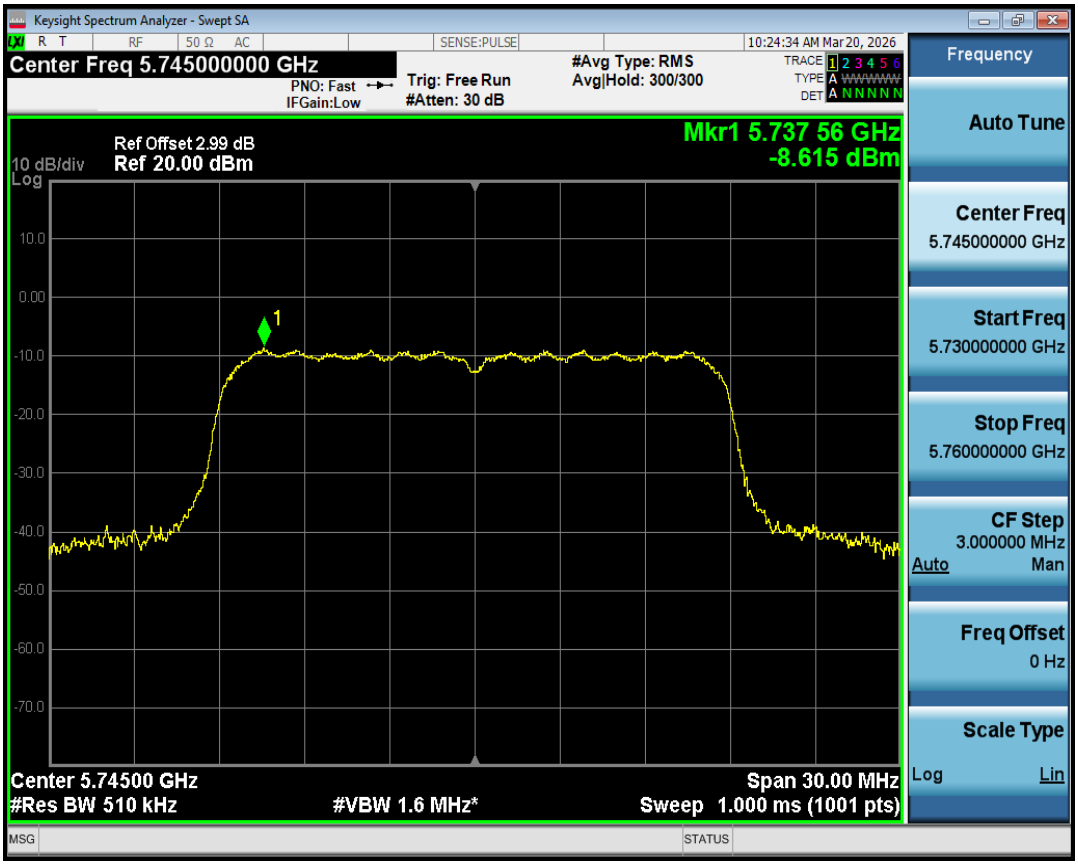
PSD NVNT ac20 5785MHz Ant1



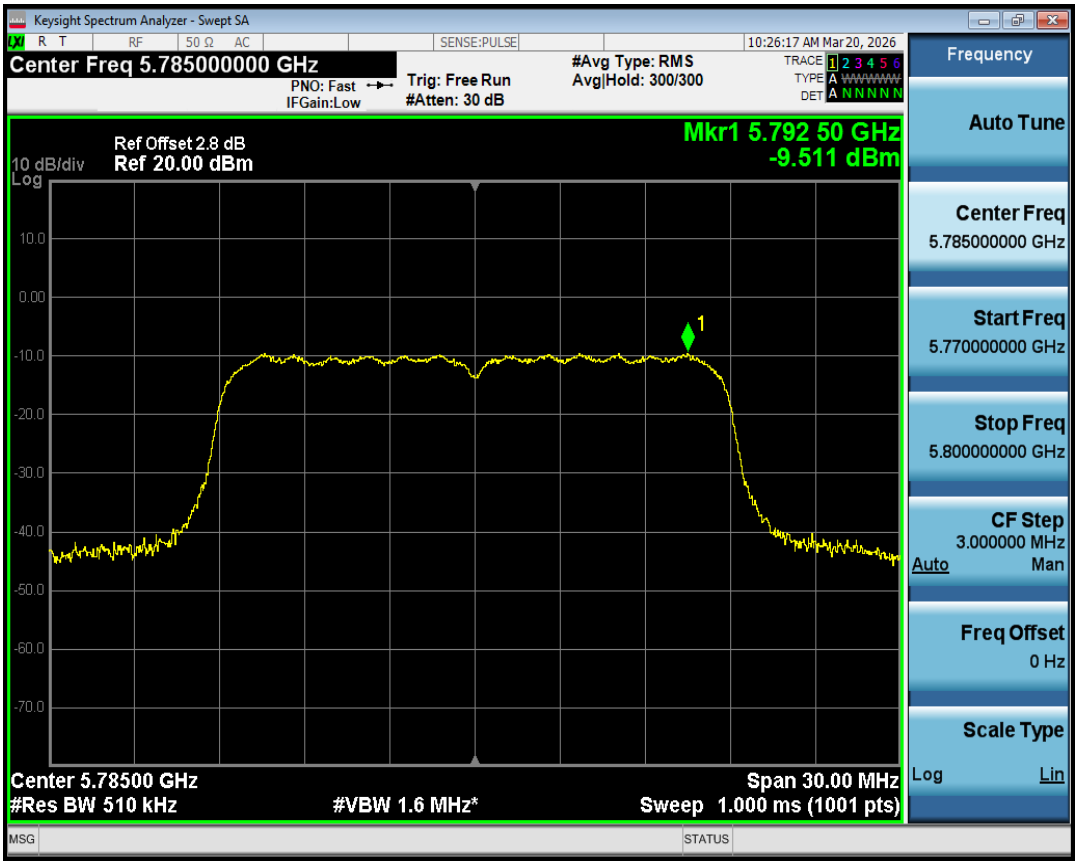
PSD NVNT ac20 5825MHz Ant1

PSD NVNT ac40 5755MHz Ant1

PSD NVNT ac40 5795MHz Ant1



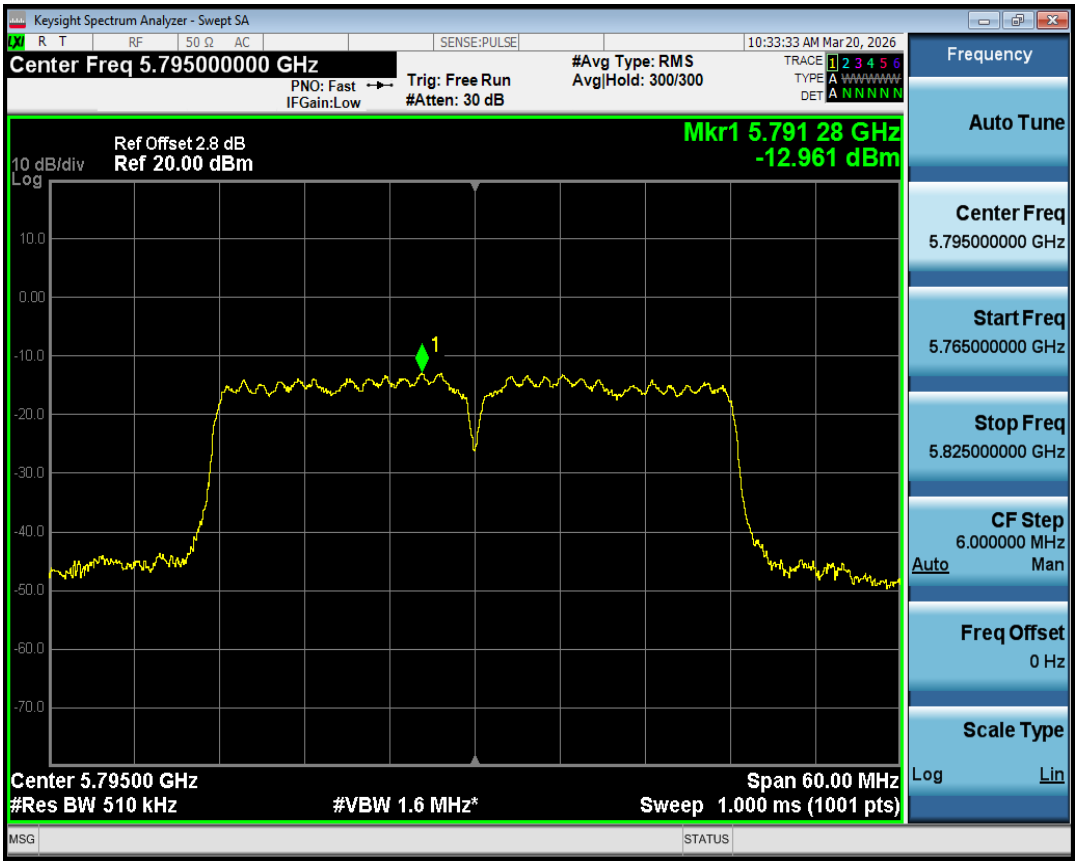
PSD NVNT ax20 5745MHz Ant1



PSD NVNT ax20 5785MHz Ant1

PSD NVNT ax20 5825MHz Ant1

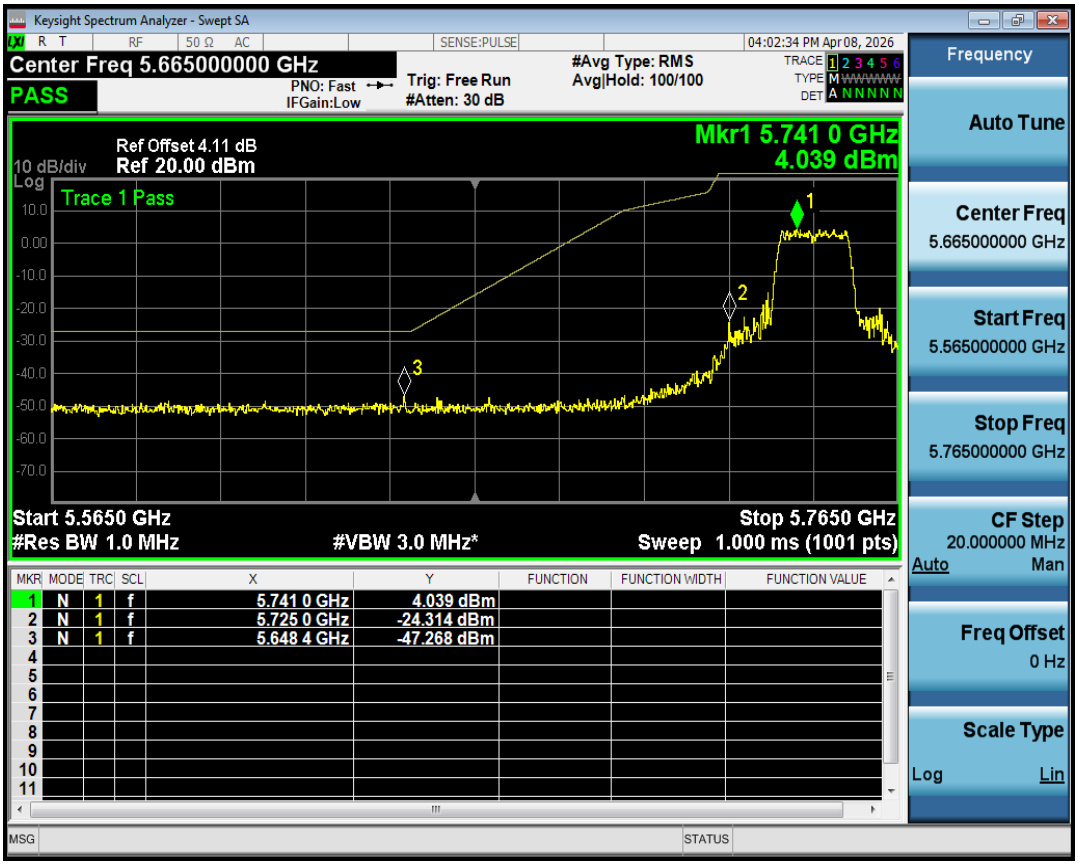
PSD NVNT ax40 5755MHz Ant1



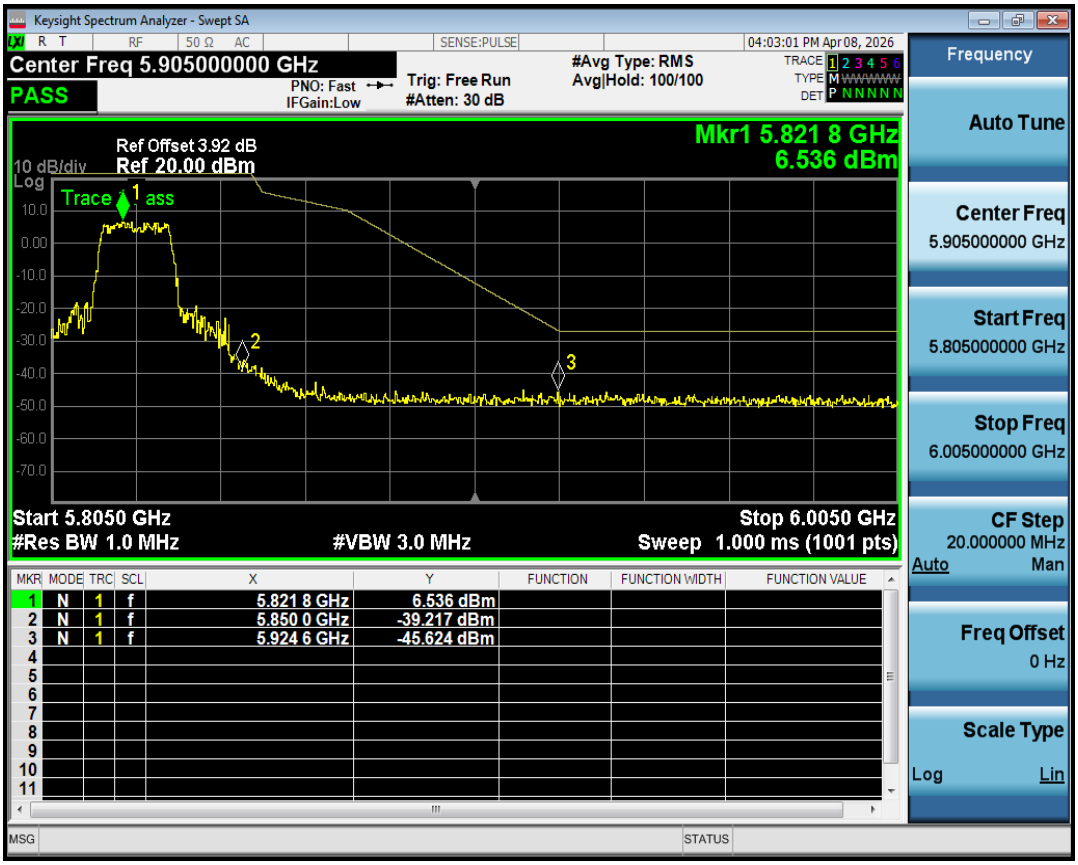
PSD NVNT ax40 5795MHz Ant1

Band Edge

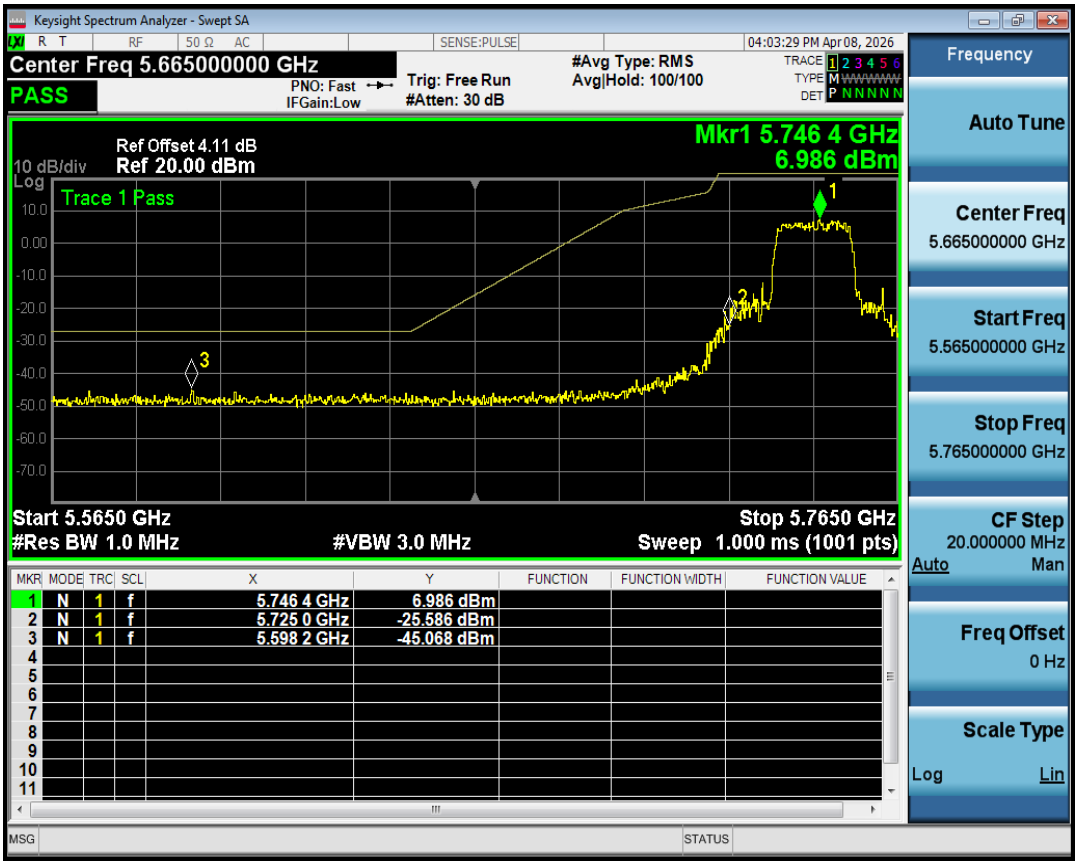
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5745	Ant1	-47.26	-27	Pass
NVNT	a	5825	Ant1	-45.62	-27	Pass
NVNT	n20	5745	Ant1	-45.06	-27	Pass
NVNT	n20	5825	Ant1	-45.47	-27	Pass
NVNT	n40	5755	Ant1	-45.86	-27	Pass
NVNT	n40	5795	Ant1	-42.92	-27	Pass
NVNT	ac20	5745	Ant1	-45.47	-27	Pass
NVNT	ac20	5825	Ant1	-46.14	-27	Pass
NVNT	ac40	5755	Ant1	-45.18	-27	Pass
NVNT	ac40	5795	Ant1	-46.09	-27	Pass
NVNT	ax20	5745	Ant1	-45.73	-27	Pass
NVNT	ax20	5825	Ant1	-45.82	-27	Pass
NVNT	ax40	5755	Ant1	-44.52	-27	Pass
NVNT	ax40	5795	Ant1	-46.06	-27	Pass
Note:The antenna gain value has been compensated in the "Ref Offset" section of the test chart.						



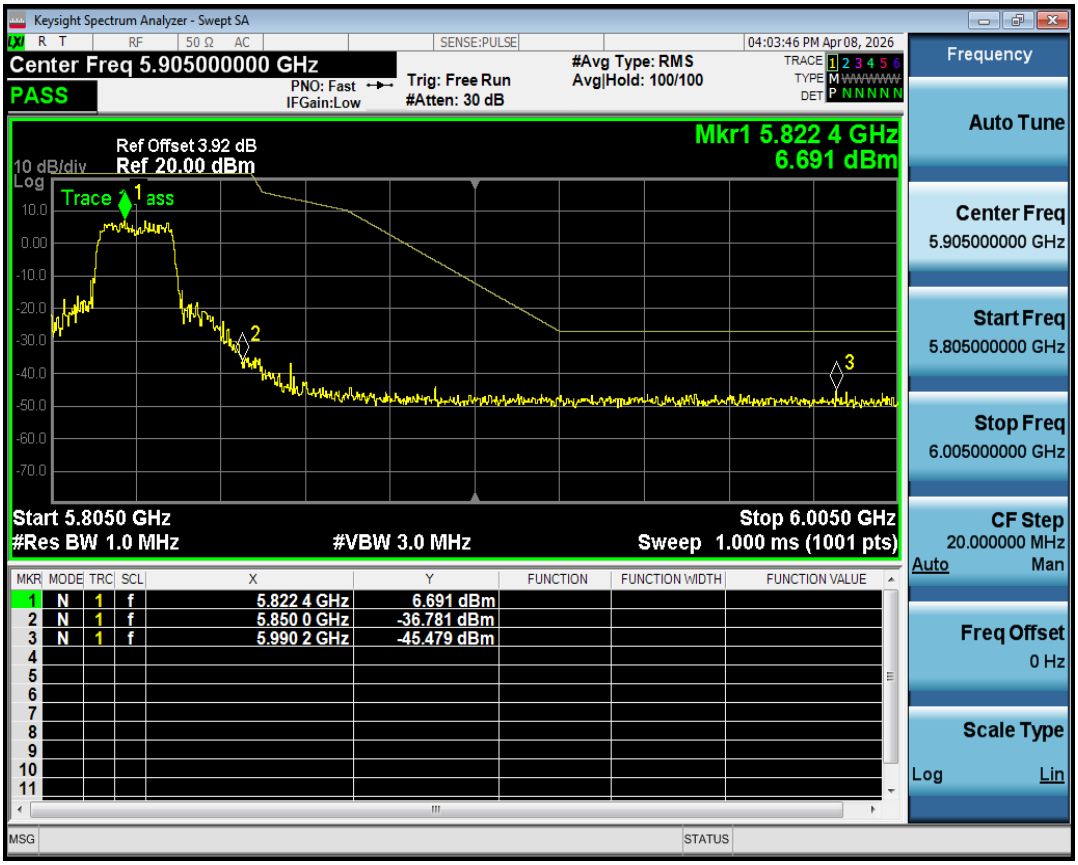
Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1



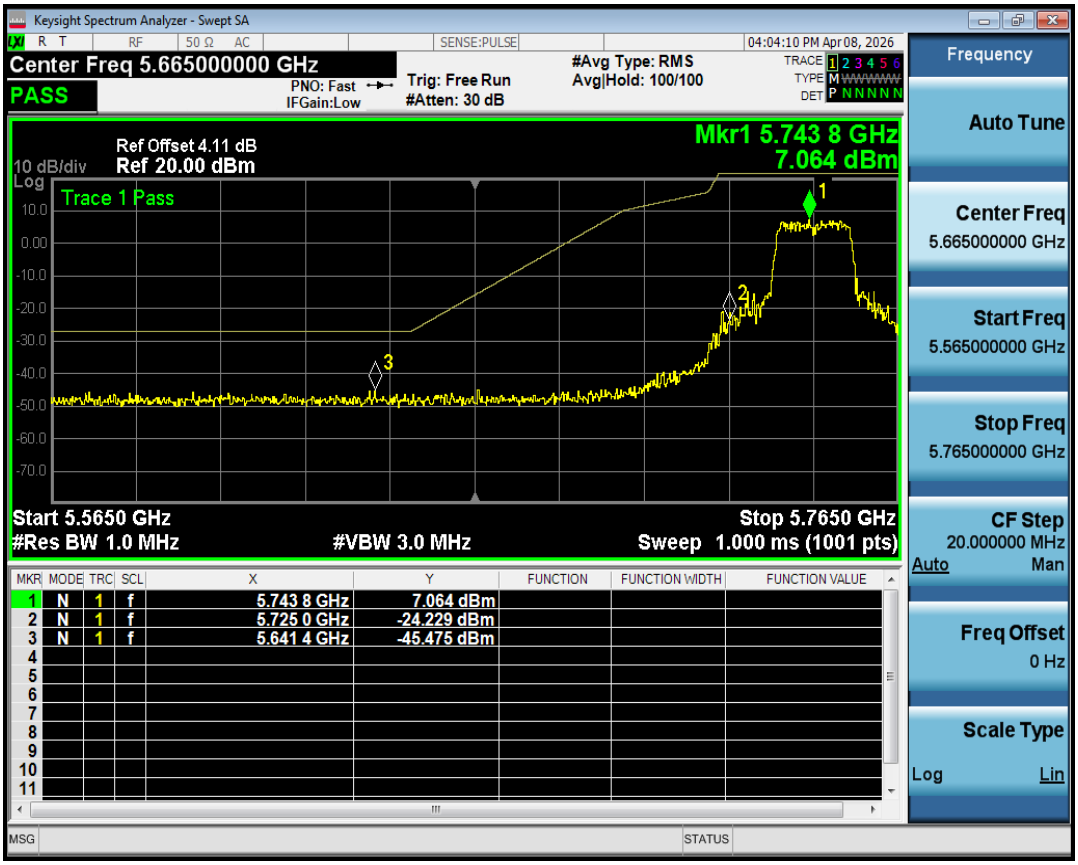
Band Edge NVNT n20 5745MHz Low Ant1



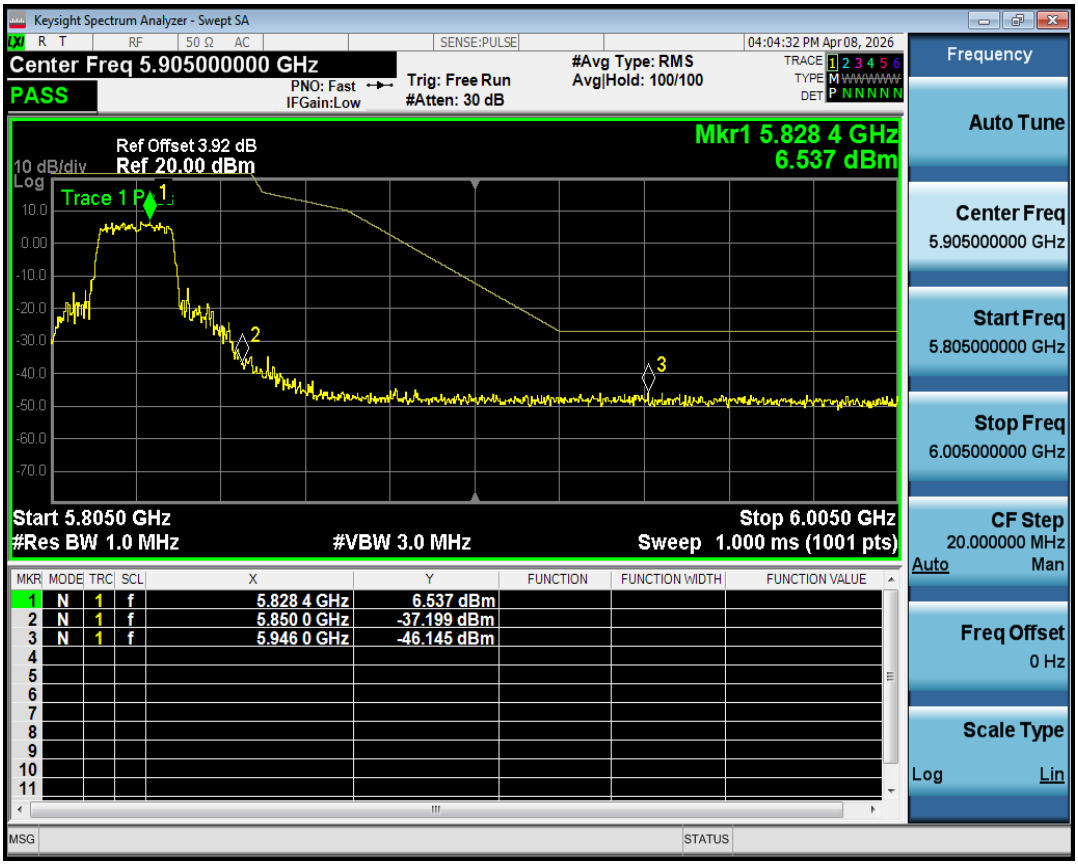
Band Edge NVNT n20 5825MHz High Ant1

Band Edge NVNT n40 5755MHz Low Ant1

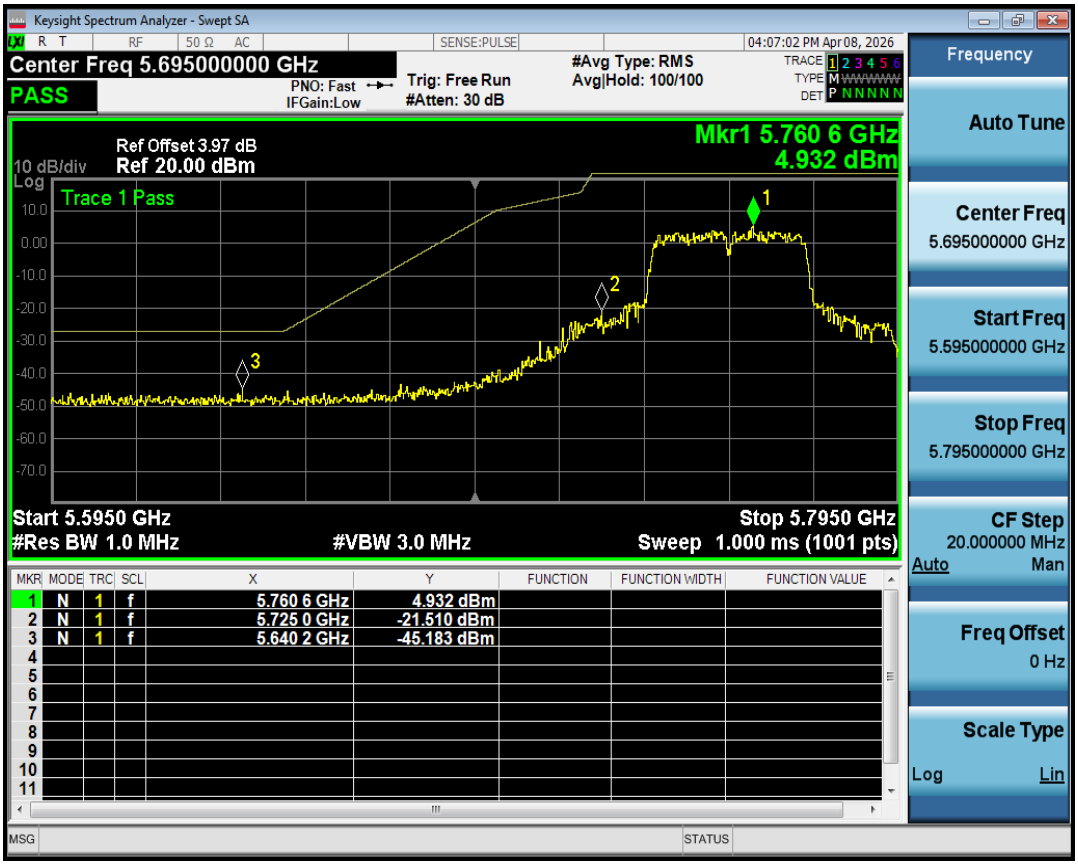
Band Edge NVNT n40 5795MHz High Ant1



Band Edge NVNT ac20 5745MHz Low Ant1

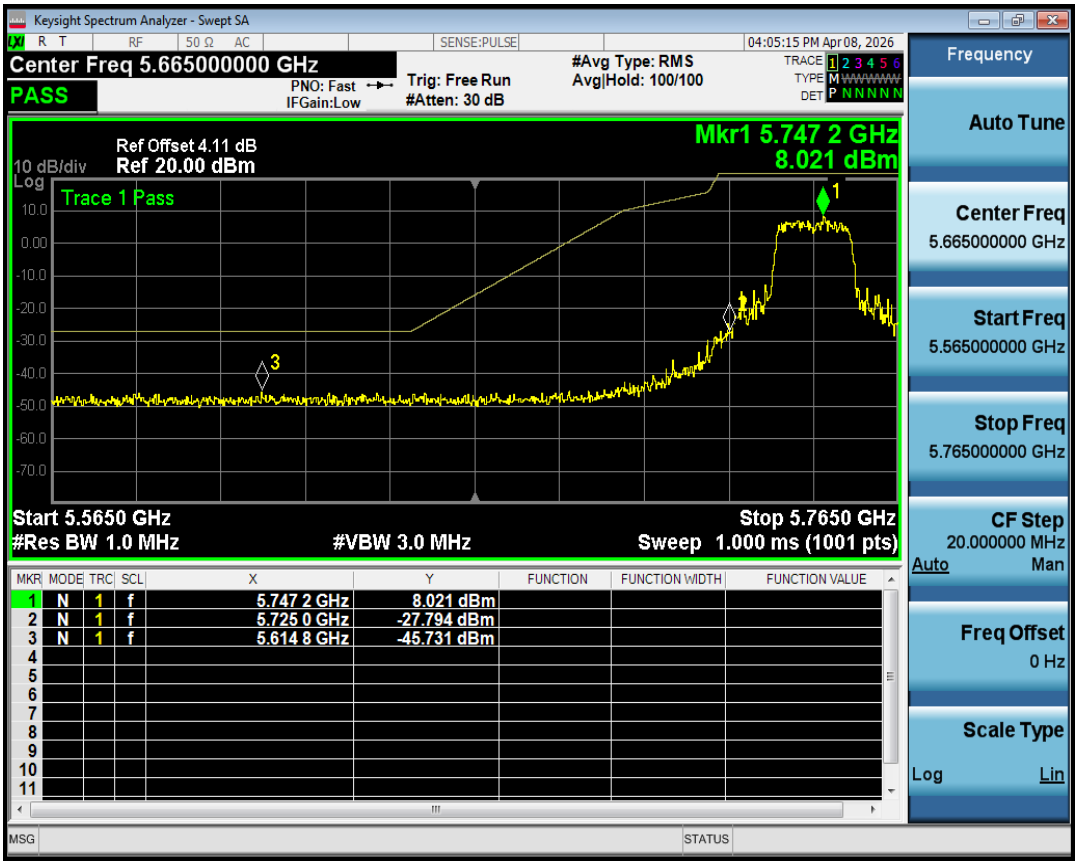


Band Edge NVNT ac20 5825MHz High Ant1

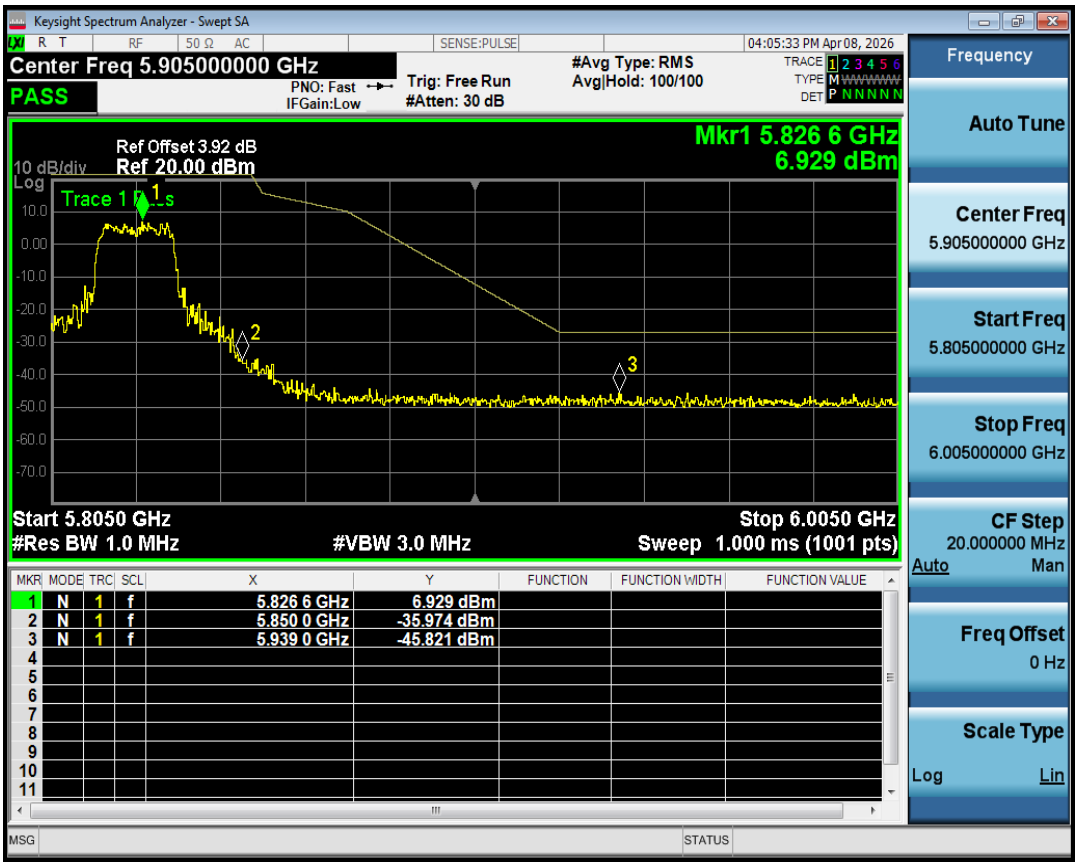


Band Edge NVNT ac40 5755MHz Low Ant1

Band Edge NVNT ac40 5795MHz High Ant1



Band Edge NVNT ax20 5745MHz Low Ant1



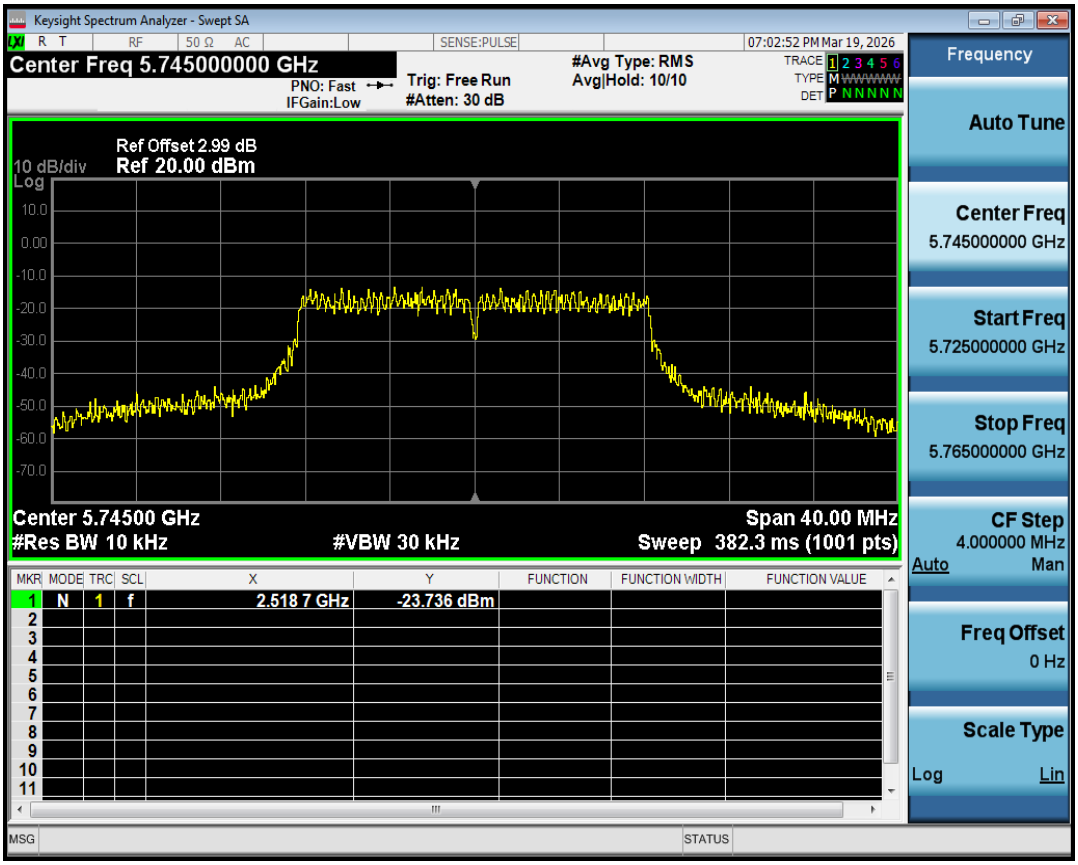
Band Edge NVNT ax20 5825MHz High Ant1

Band Edge NVNT ax40 5755MHz Low Ant1

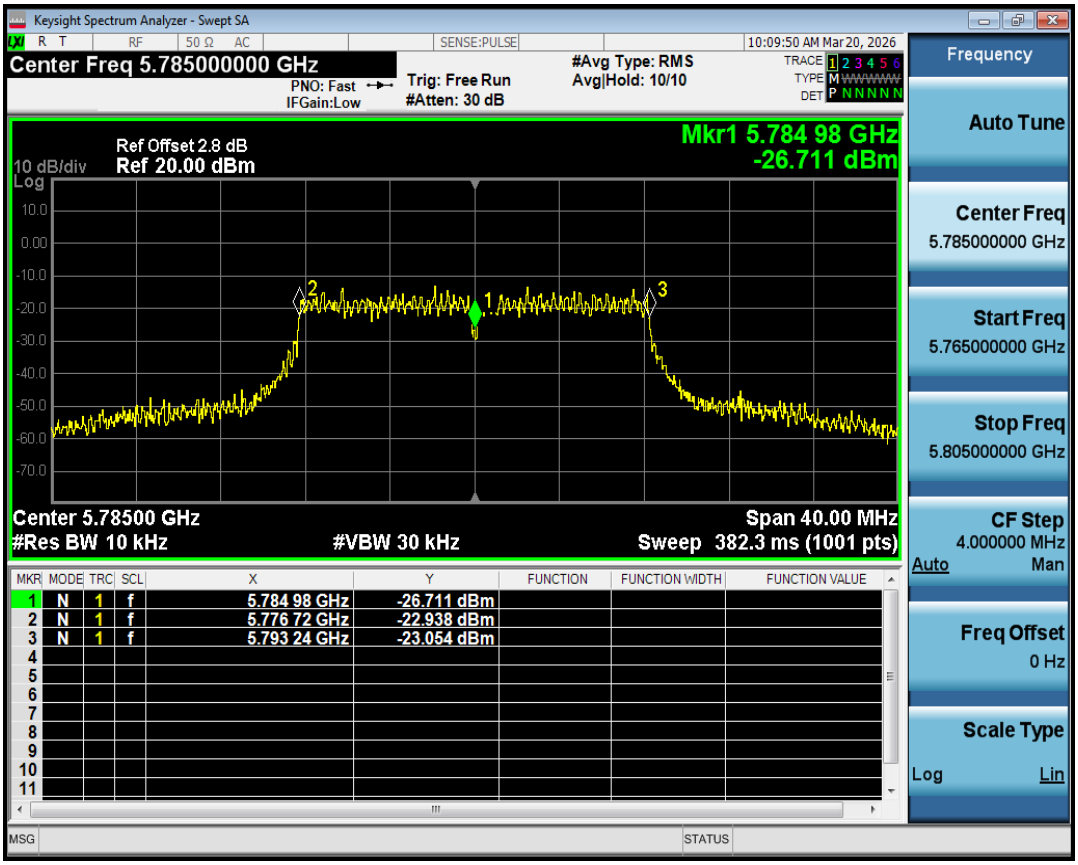
Band Edge NVNT ax40 5795MHz High Ant1

Frequency Stability

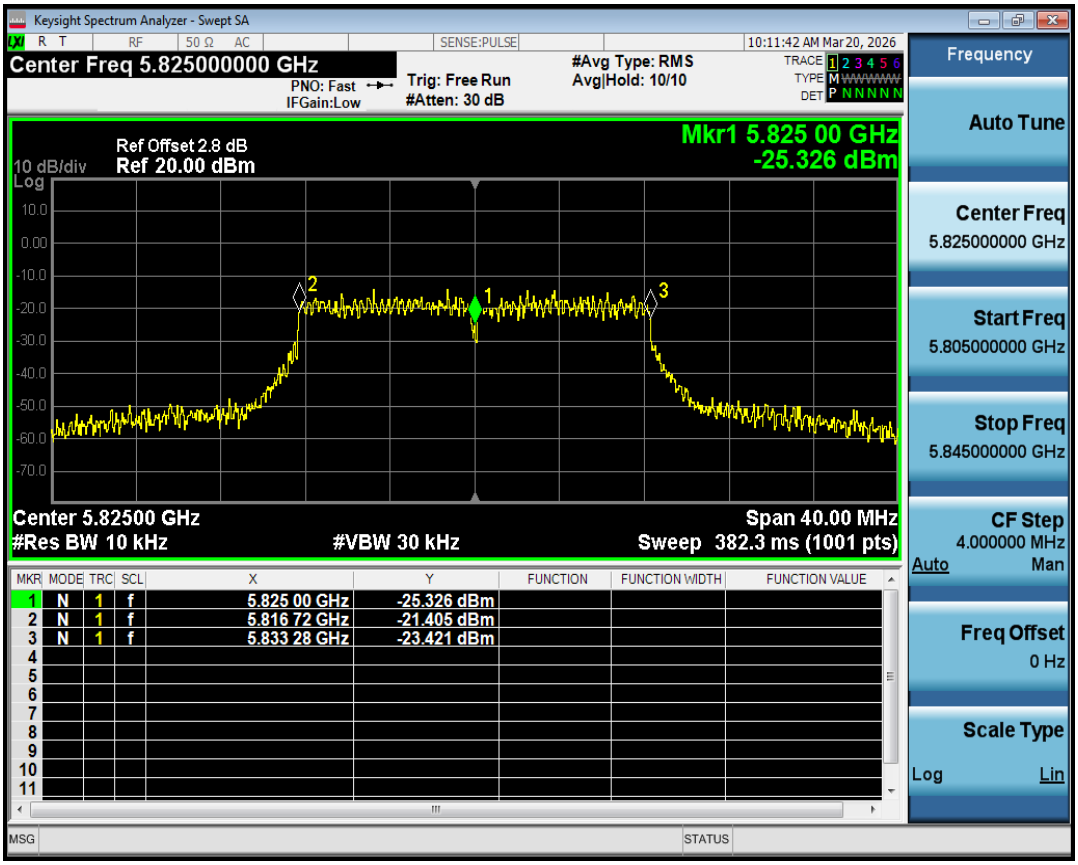
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5745	Ant1	5745	0	0	25	Pass
NVNT	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
NVNT	a	5825	Ant1	5825	0	0	25	Pass
NVNT	n20	5745	Ant1	5745	0	0	25	Pass
NVNT	n20	5785	Ant1	5785.02	20000	3.46	25	Pass
NVNT	n20	5825	Ant1	5825.02	20000	3.43	25	Pass
NVNT	n40	5755	Ant1	5755	0	0	25	Pass
NVNT	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
NVNT	ac20	5745	Ant1	5745	0	0	25	Pass
NVNT	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
NVNT	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
NVNT	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
NVNT	ac40	5795	Ant1	5795	0	0	25	Pass
NVNT	ax20	5745	Ant1	5745	0	0	25	Pass
NVNT	ax20	5785	Ant1	5785	0	0	25	Pass
NVNT	ax20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
NVNT	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
NVNT	ax40	5795	Ant1	5794.96	-40000	-6.9	25	Pass



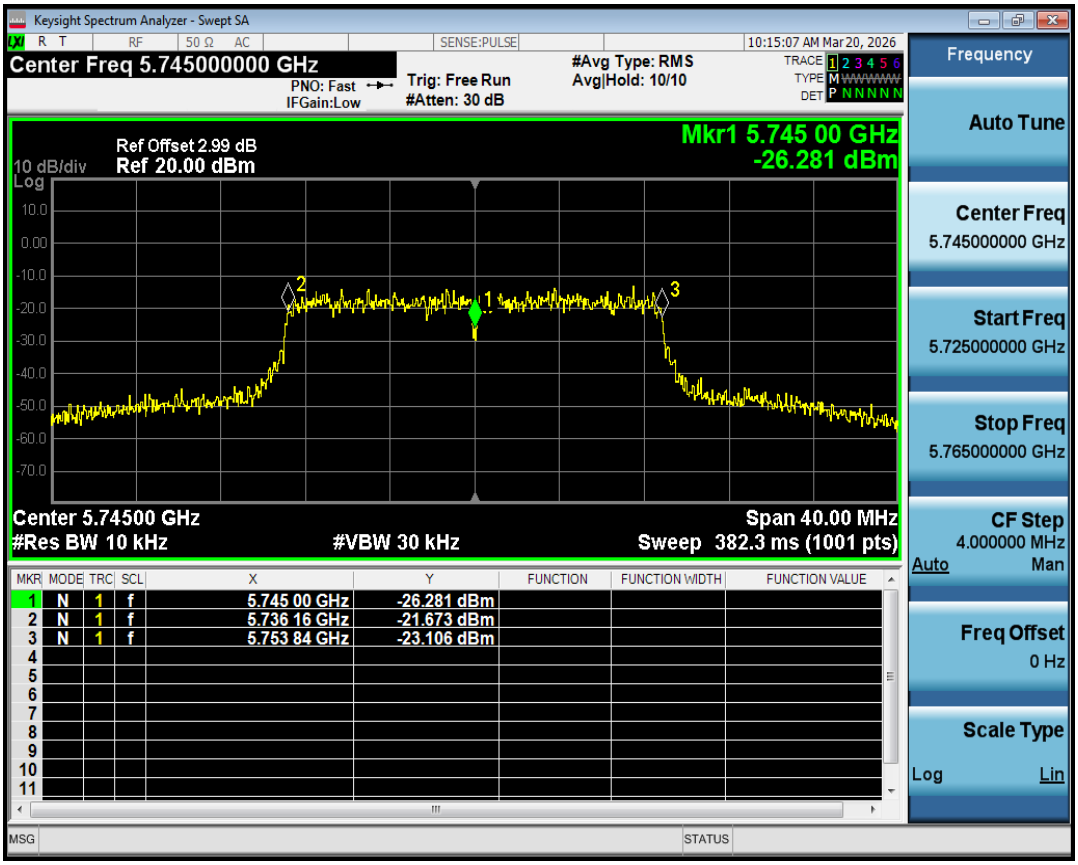
Freq. Stability NVNT a 5745MHz Ant1



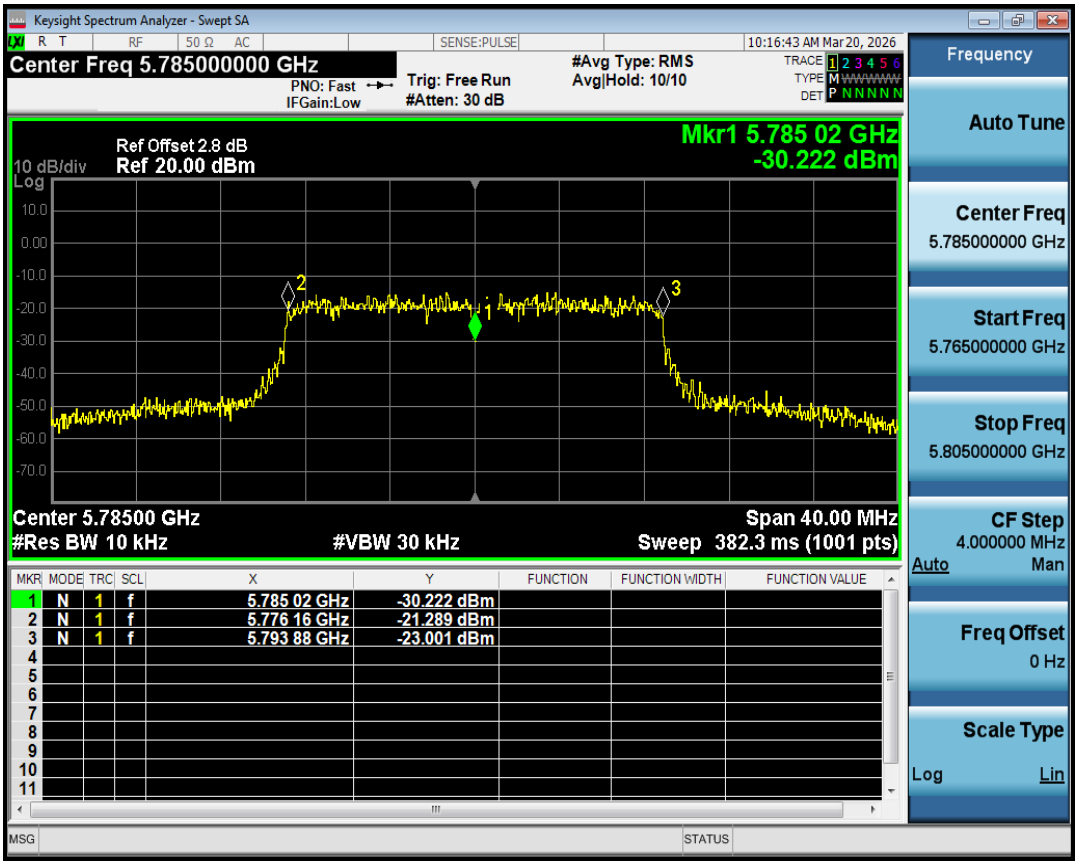
Freq. Stability NVNT a 5785MHz Ant1



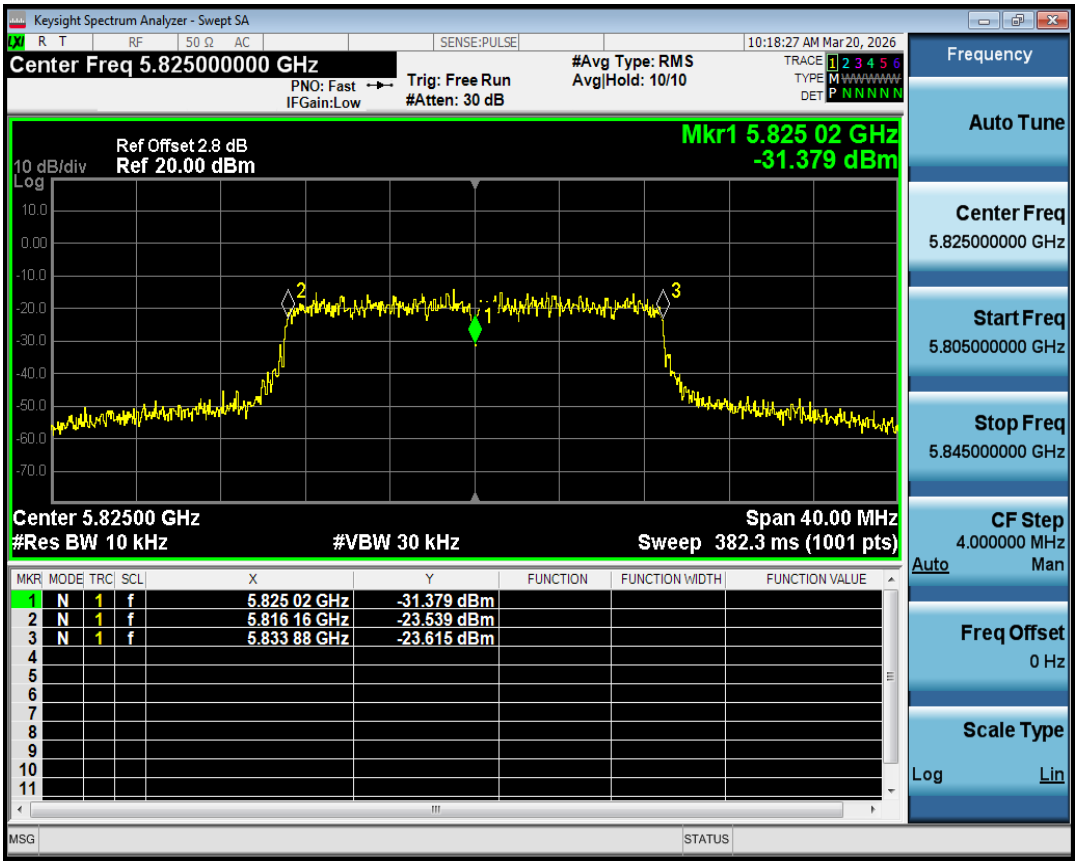
Freq. Stability NVNT a 5825MHz Ant1



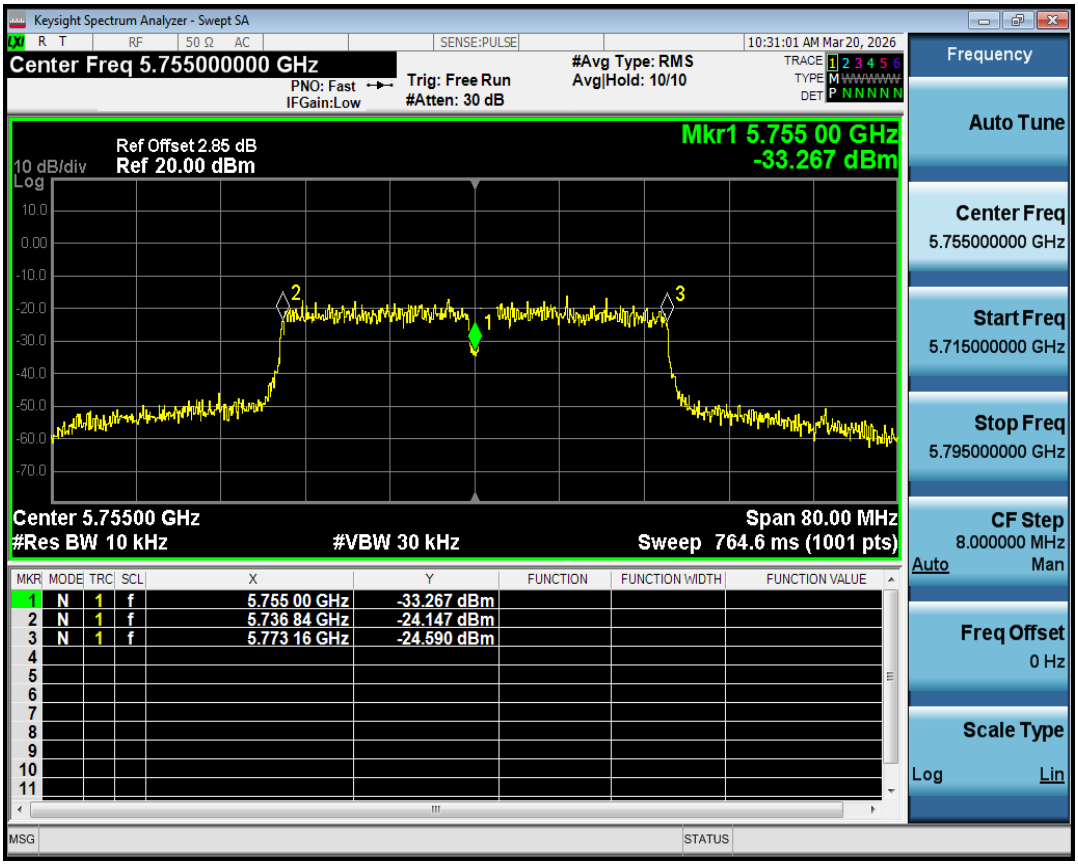
Freq. Stability NVNT n20 5745MHz Ant1



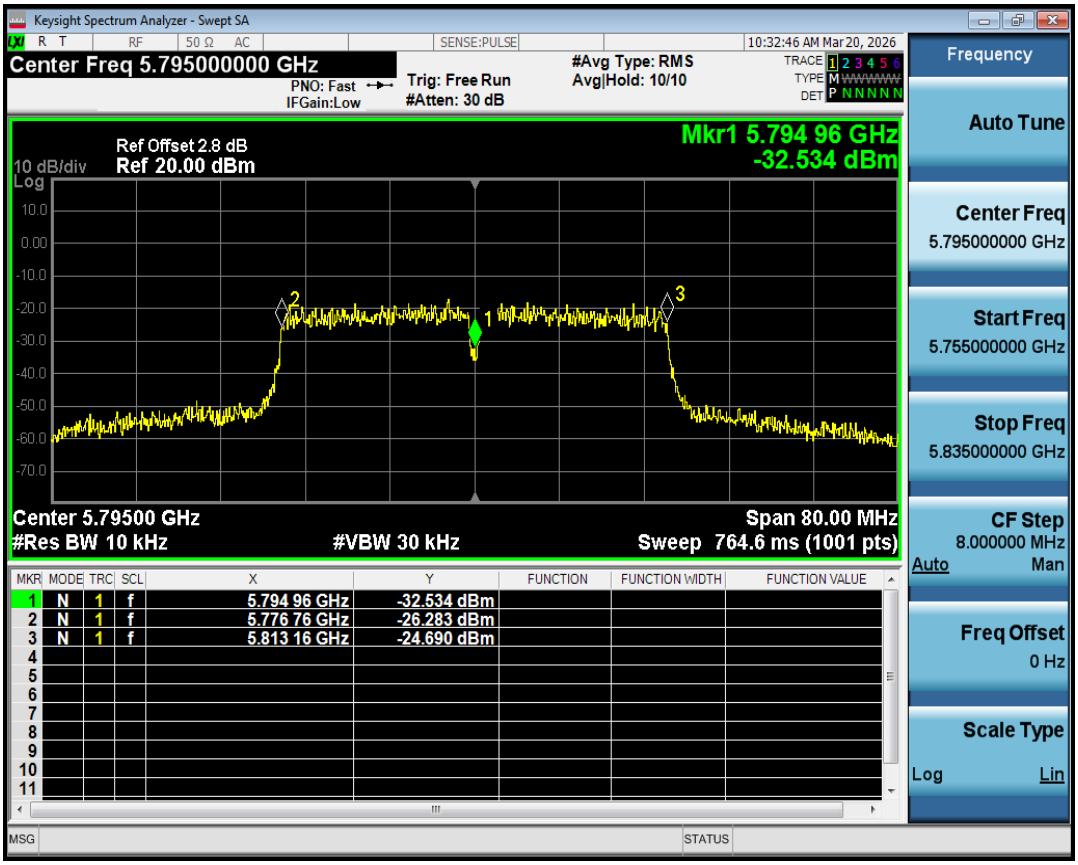
Freq. Stability NVNT n20 5785MHz Ant1



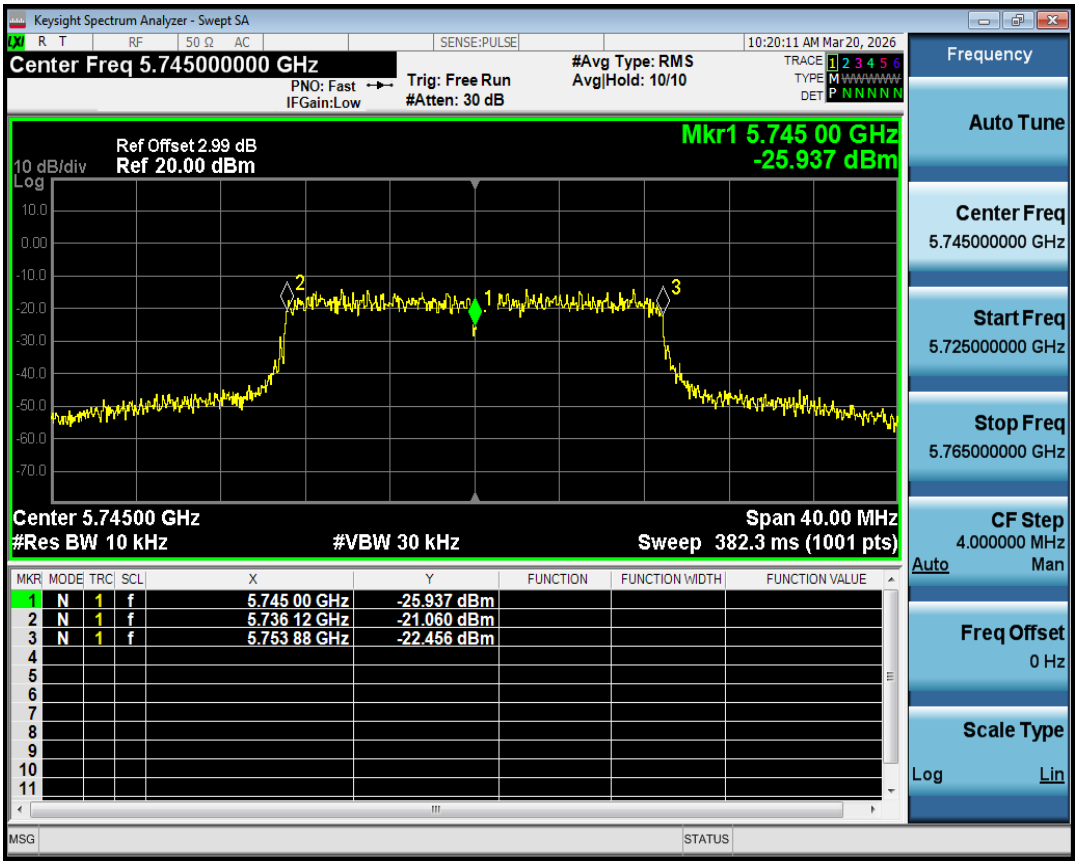
Freq. Stability NVNT n20 5825MHz Ant1



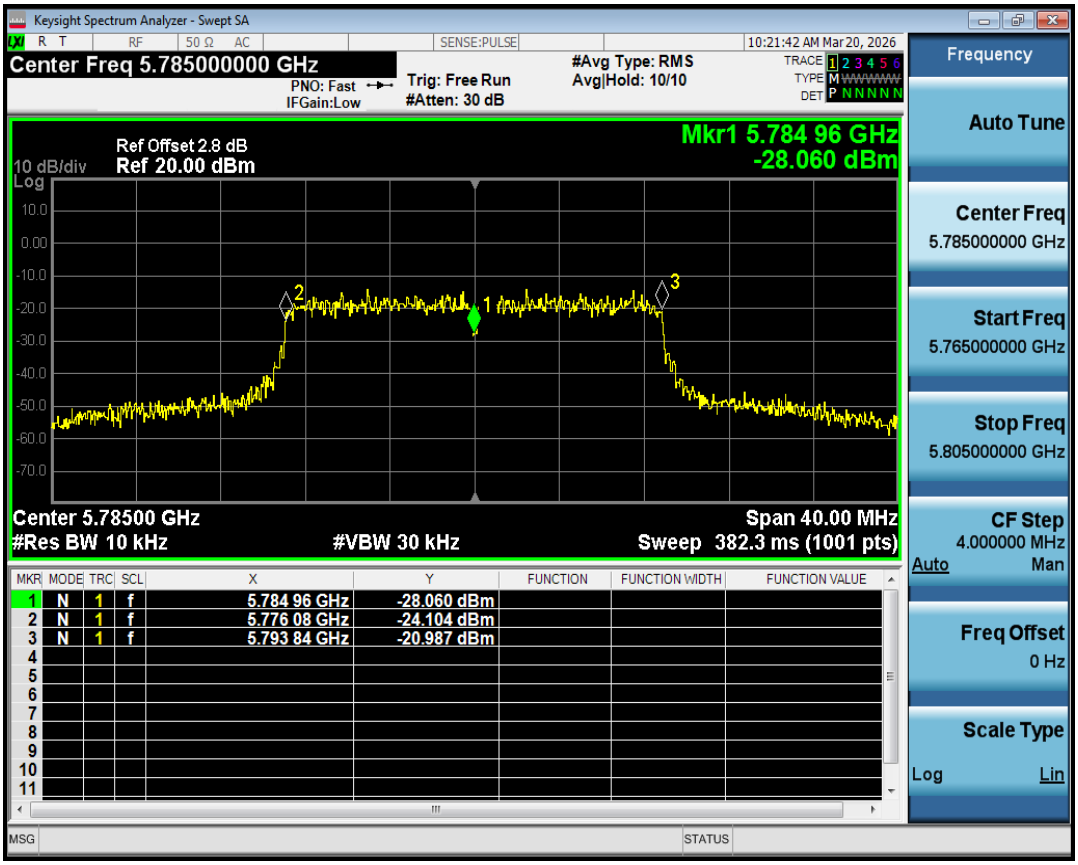
Freq. Stability NVNT n40 5755MHz Ant1



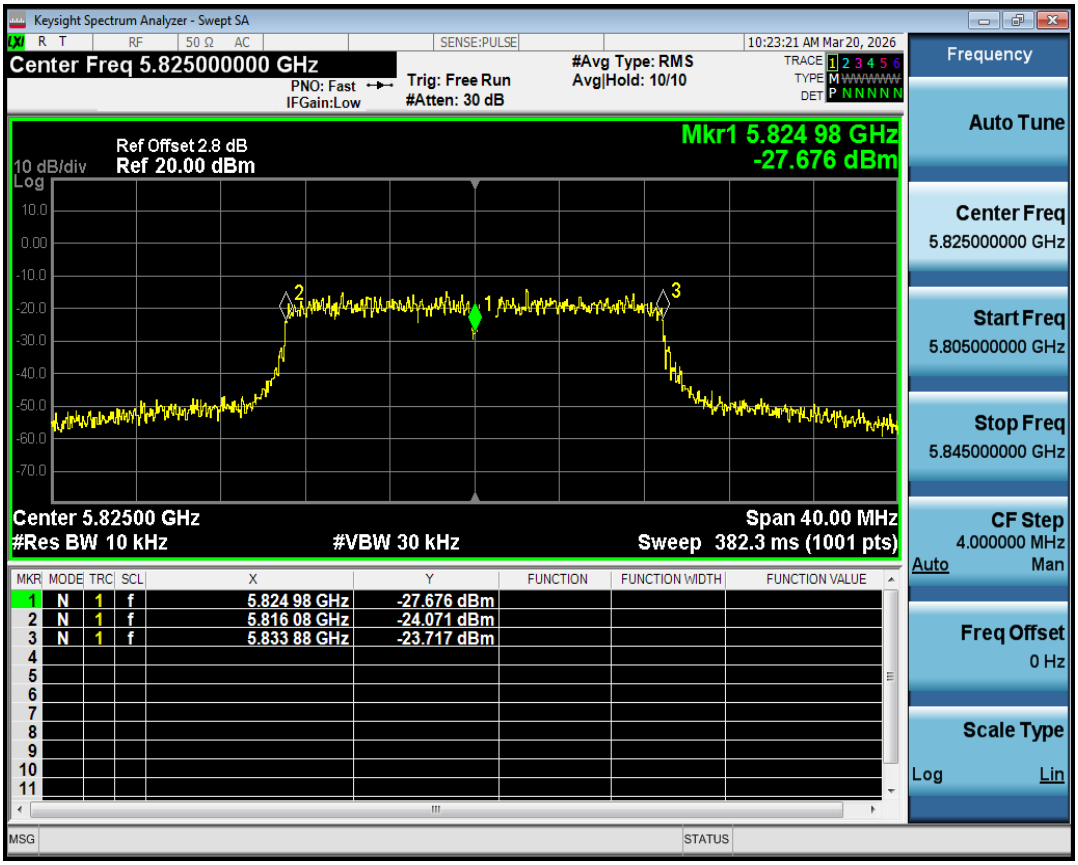
Freq. Stability NVNT n40 5795MHz Ant1



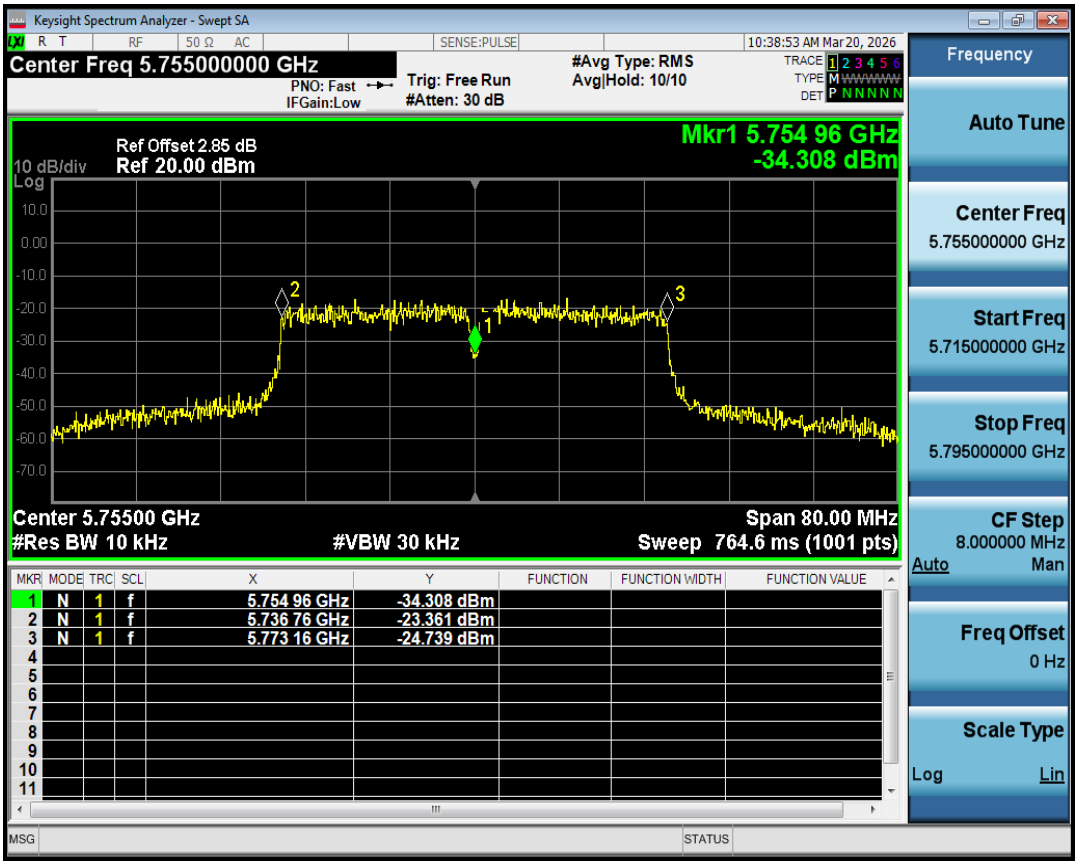
Freq. Stability NVNT ac20 5745MHz Ant1



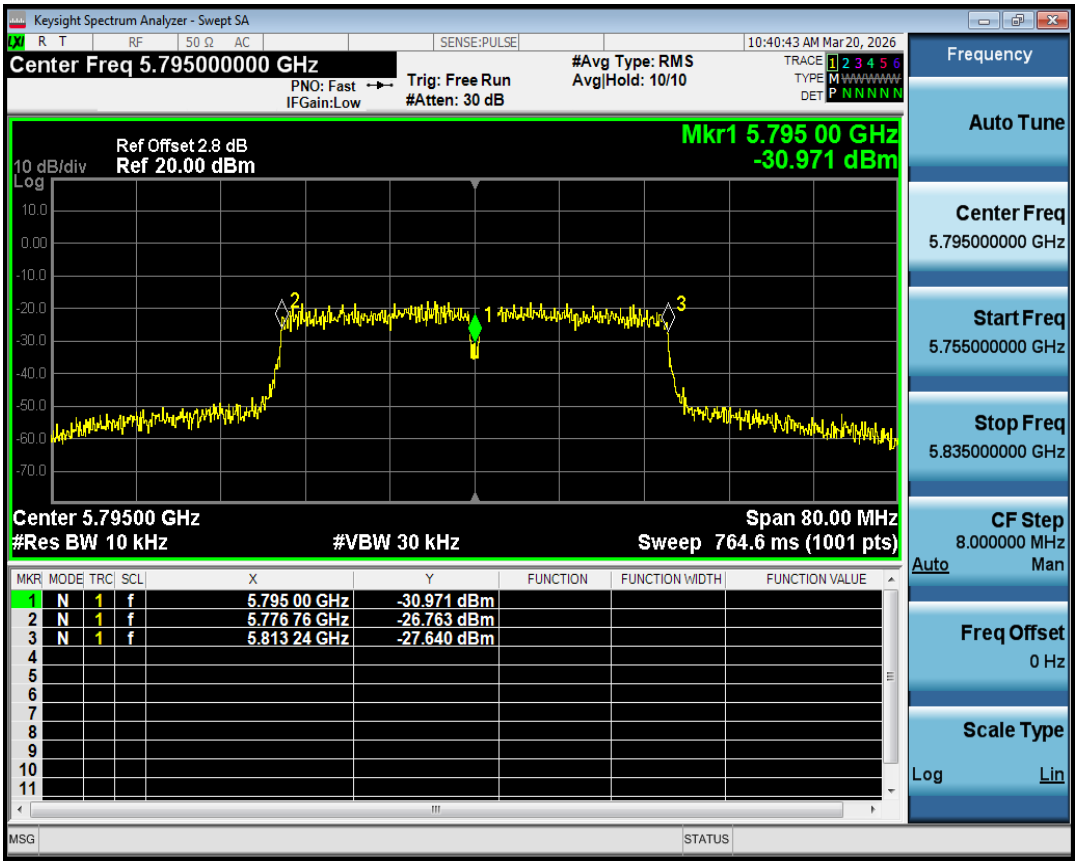
Freq. Stability NVNT ac20 5785MHz Ant1



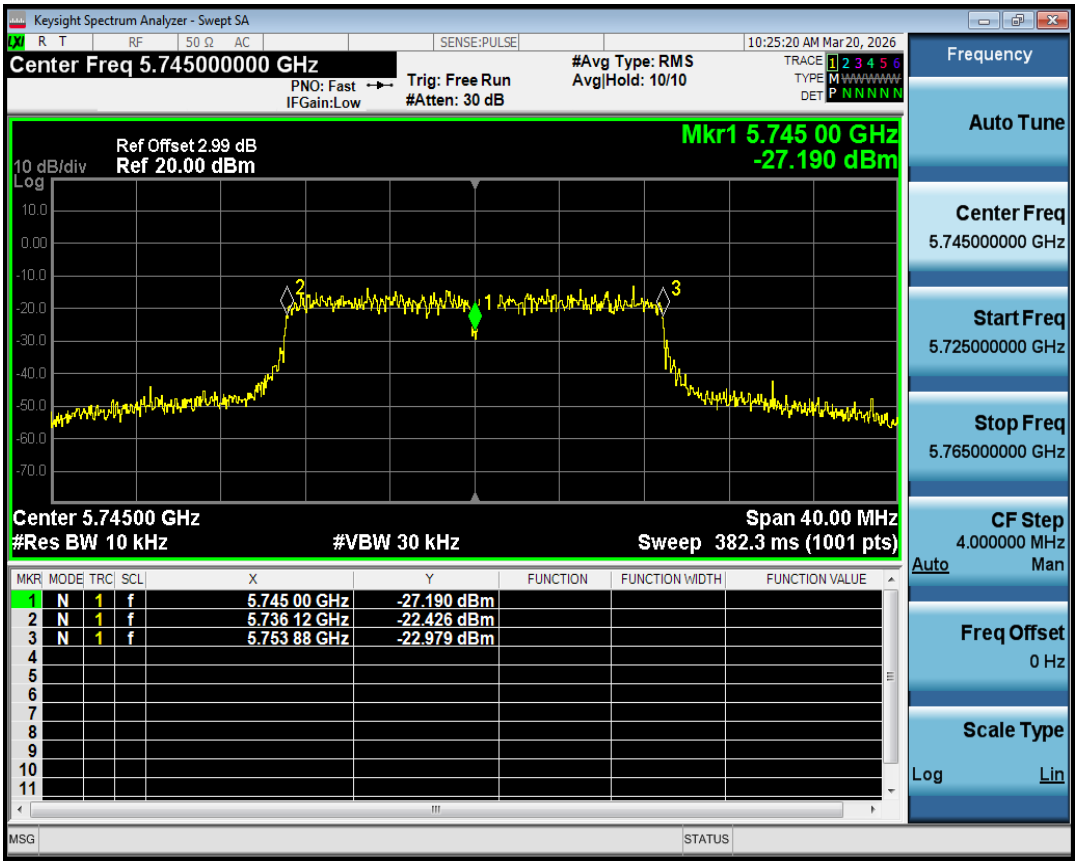
Freq. Stability NVNT ac20 5825MHz Ant1



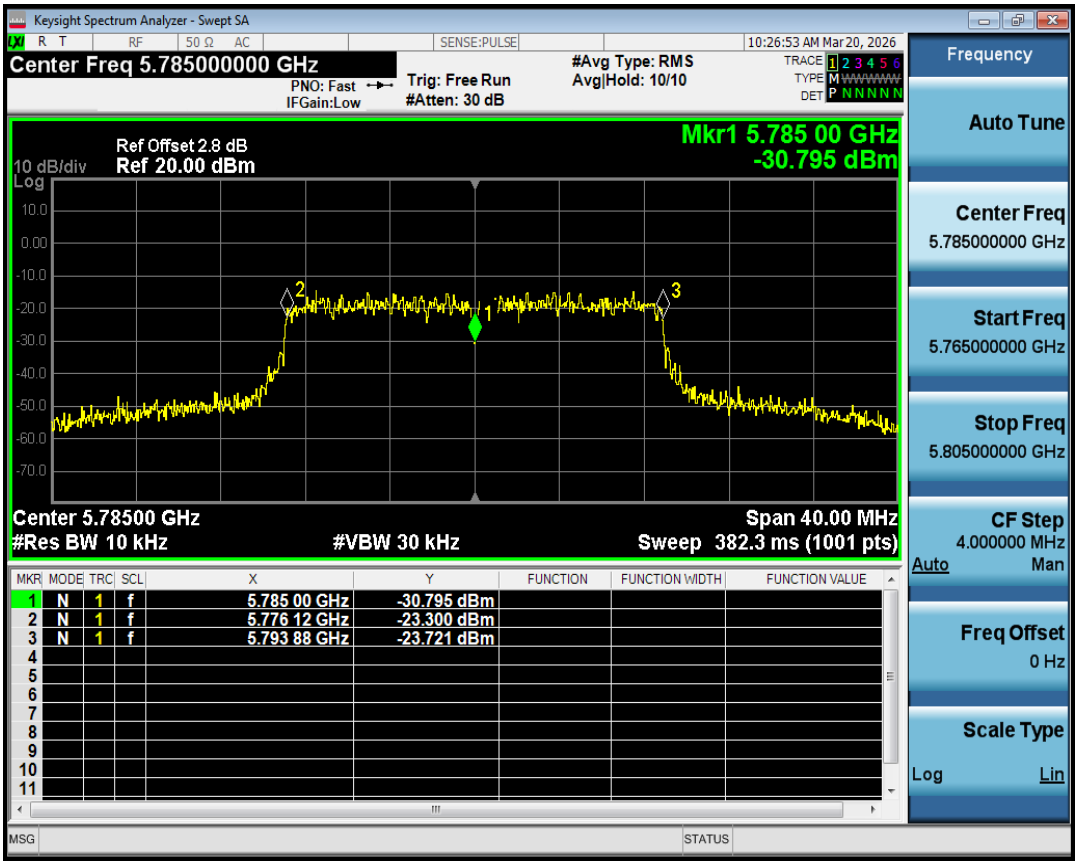
Freq. Stability NVNT ac40 5755MHz Ant1



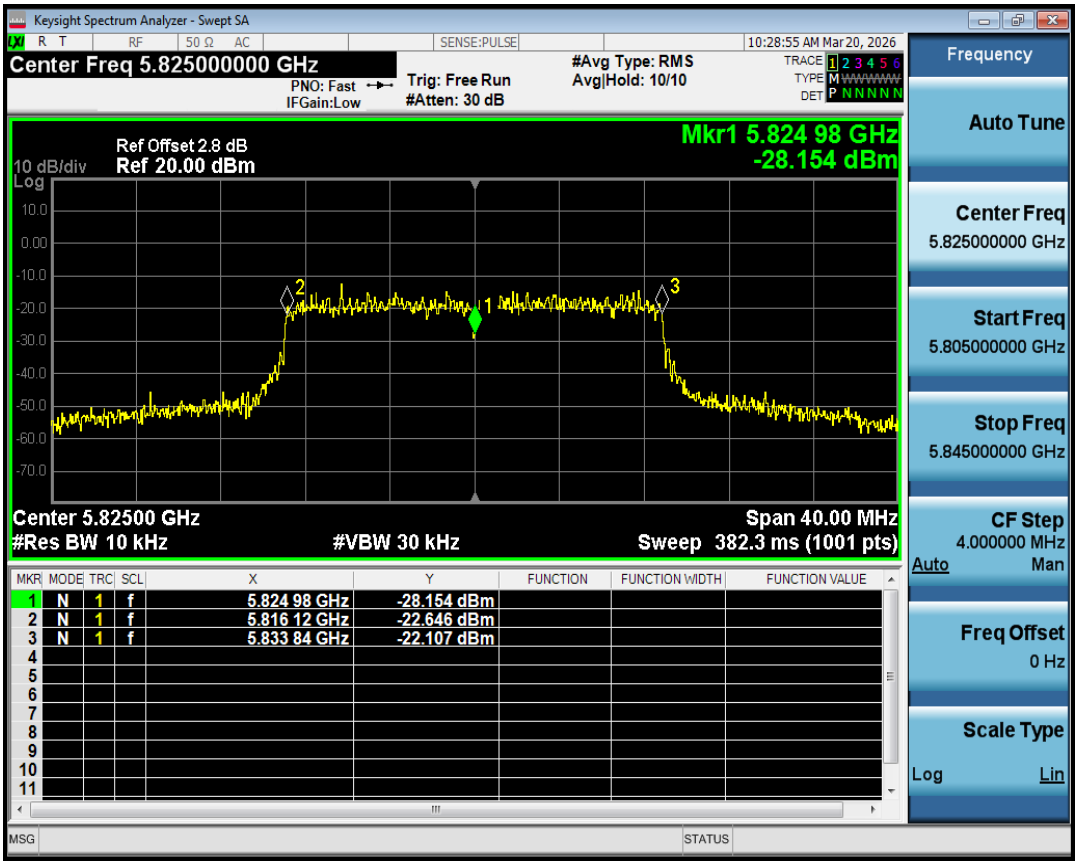
Freq. Stability NVNT ac40 5795MHz Ant1



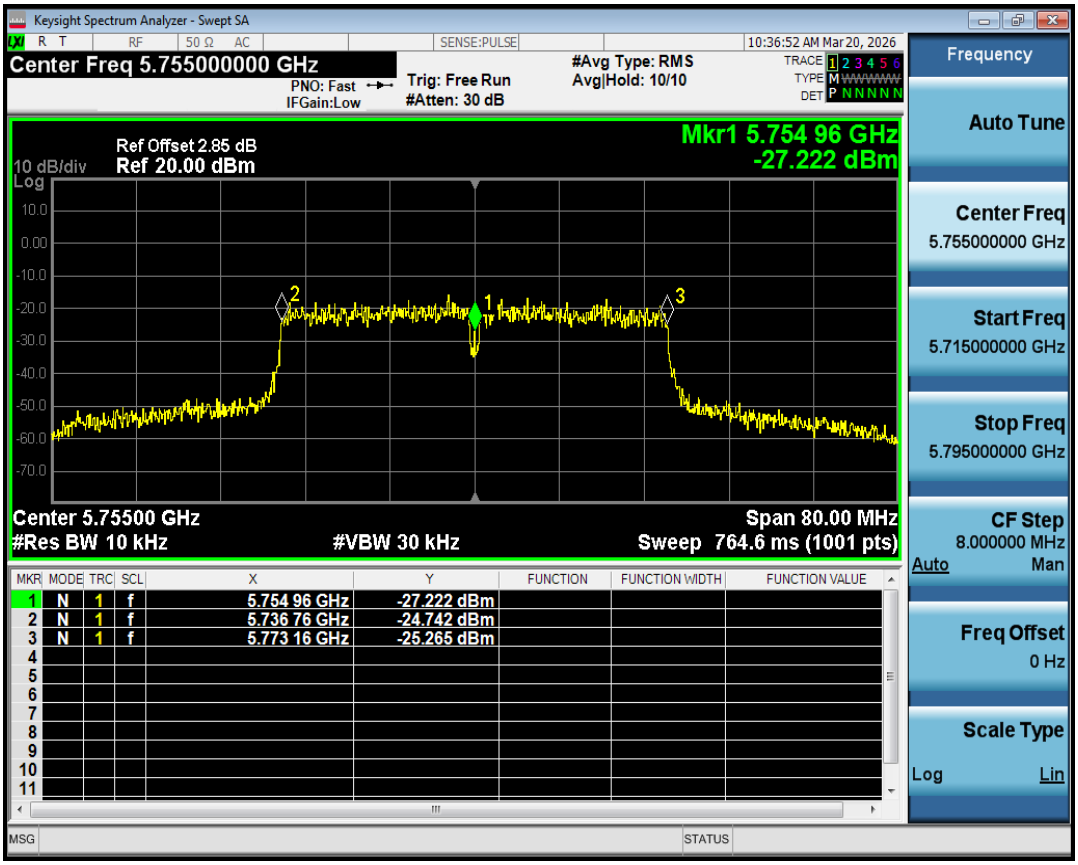
Freq. Stability NVNT ax20 5745MHz Ant1



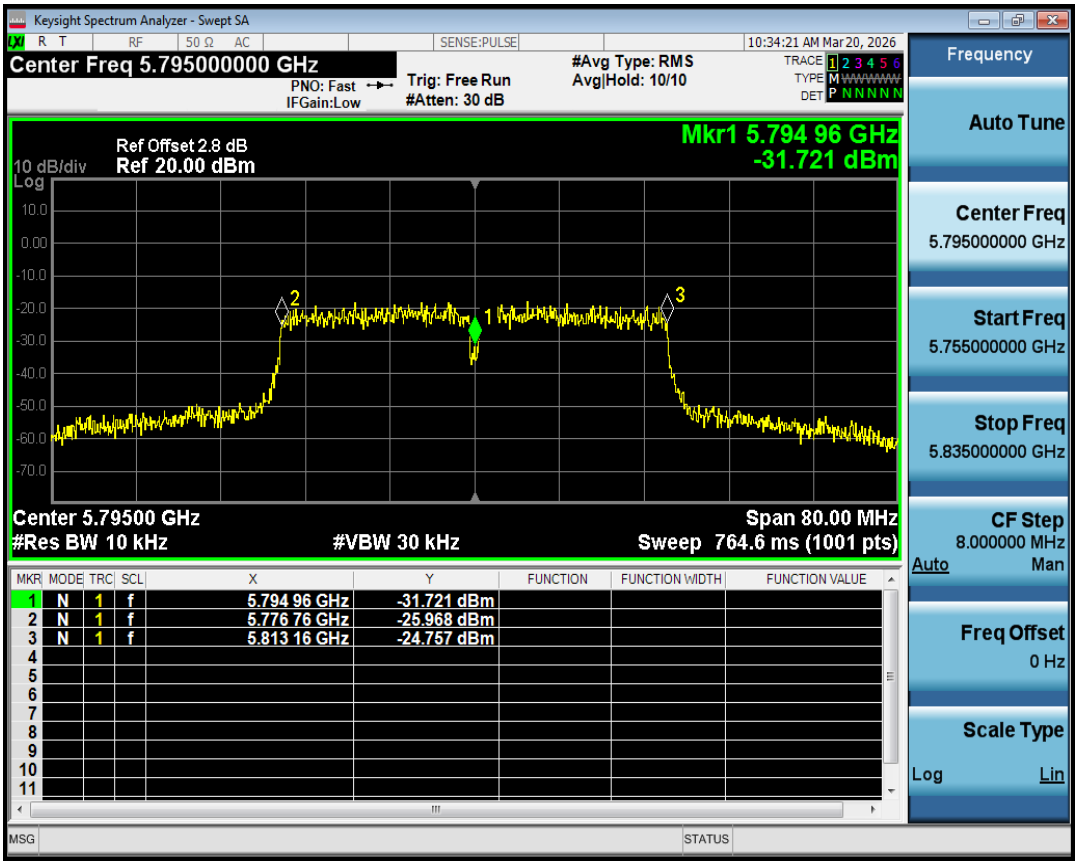
Freq. Stability NVNT ax20 5785MHz Ant1



Freq. Stability NVNT ax20 5825MHz Ant1



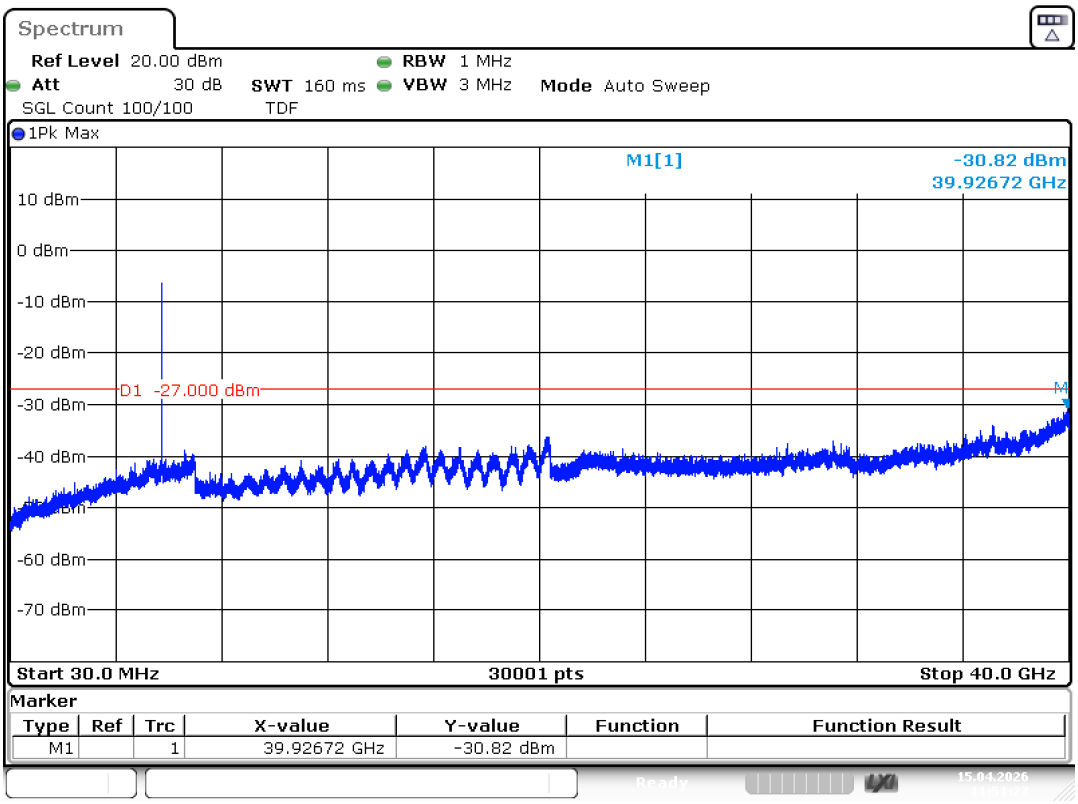
Freq. Stability NVNT ax40 5755MHz Ant1



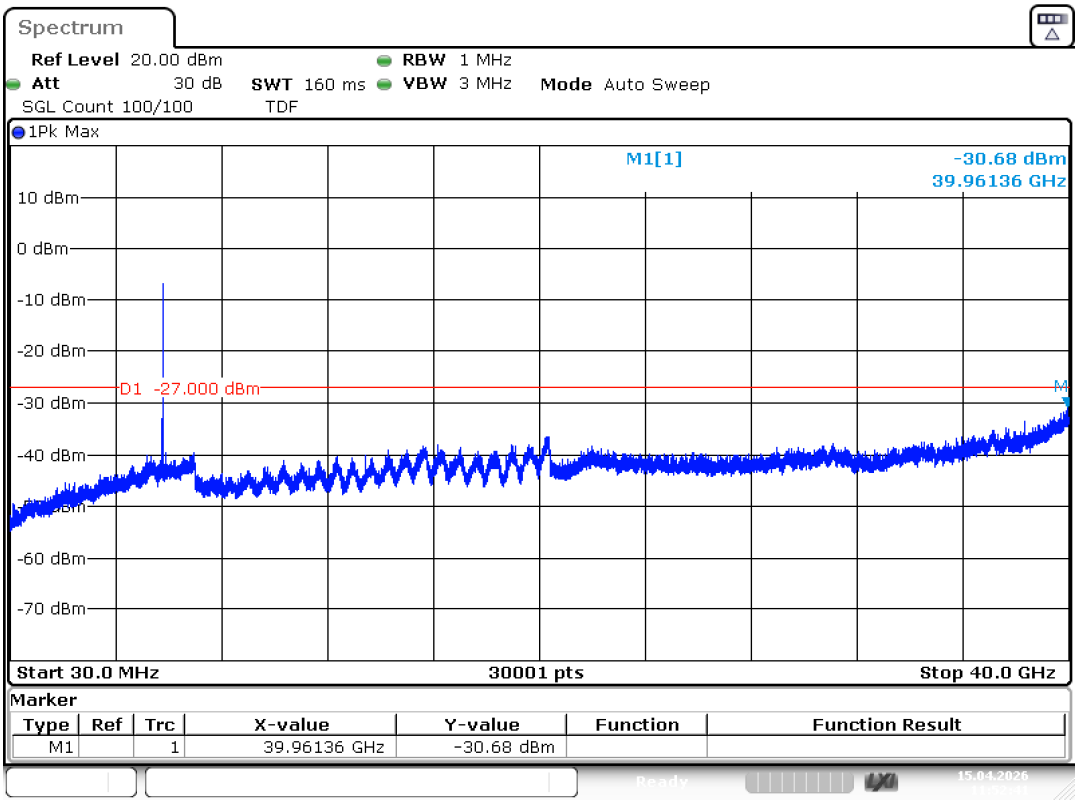
Freq. Stability NVNT ax40 5795MHz Ant1

Conducted RF Spurious Emission

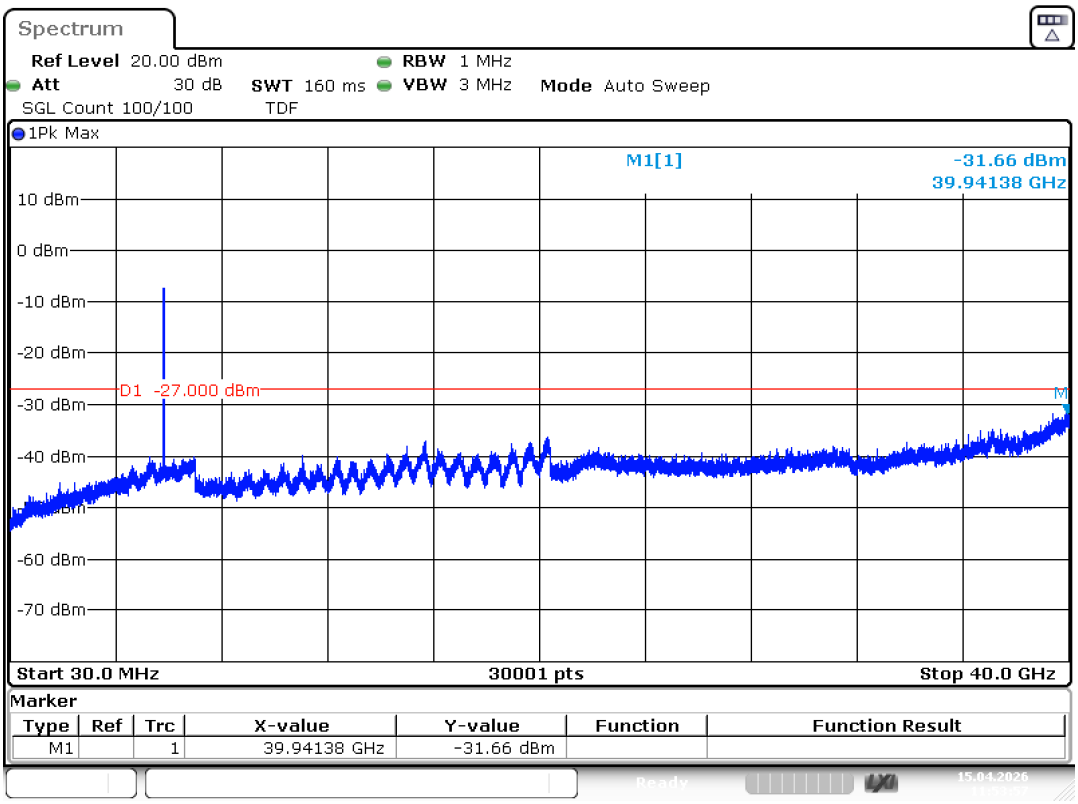
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5745	Ant1	-30.82	-27	Pass
NVNT	a	5785	Ant1	-30.67	-27	Pass
NVNT	a	5825	Ant1	-31.66	-27	Pass
NVNT	n20	5745	Ant1	-31.16	-27	Pass
NVNT	n20	5785	Ant1	-30.53	-27	Pass
NVNT	n20	5825	Ant1	-31.07	-27	Pass
NVNT	n40	5755	Ant1	-31.67	-27	Pass
NVNT	n40	5795	Ant1	-31.09	-27	Pass
NVNT	ac20	5745	Ant1	-31	-27	Pass
NVNT	ac20	5785	Ant1	-31.04	-27	Pass
NVNT	ac20	5825	Ant1	-32	-27	Pass
NVNT	ac40	5755	Ant1	-31.02	-27	Pass
NVNT	ac40	5795	Ant1	-31.49	-27	Pass
NVNT	ax20	5745	Ant1	-31.1	-27	Pass
NVNT	ax20	5785	Ant1	-31.05	-27	Pass
NVNT	ax20	5825	Ant1	-31.14	-27	Pass
NVNT	ax40	5755	Ant1	-30.84	-27	Pass
NVNT	ax40	5795	Ant1	-31.04	-27	Pass
Note:The line loss and antenna gain have been compensated within the internal TDF of the spectrum.						



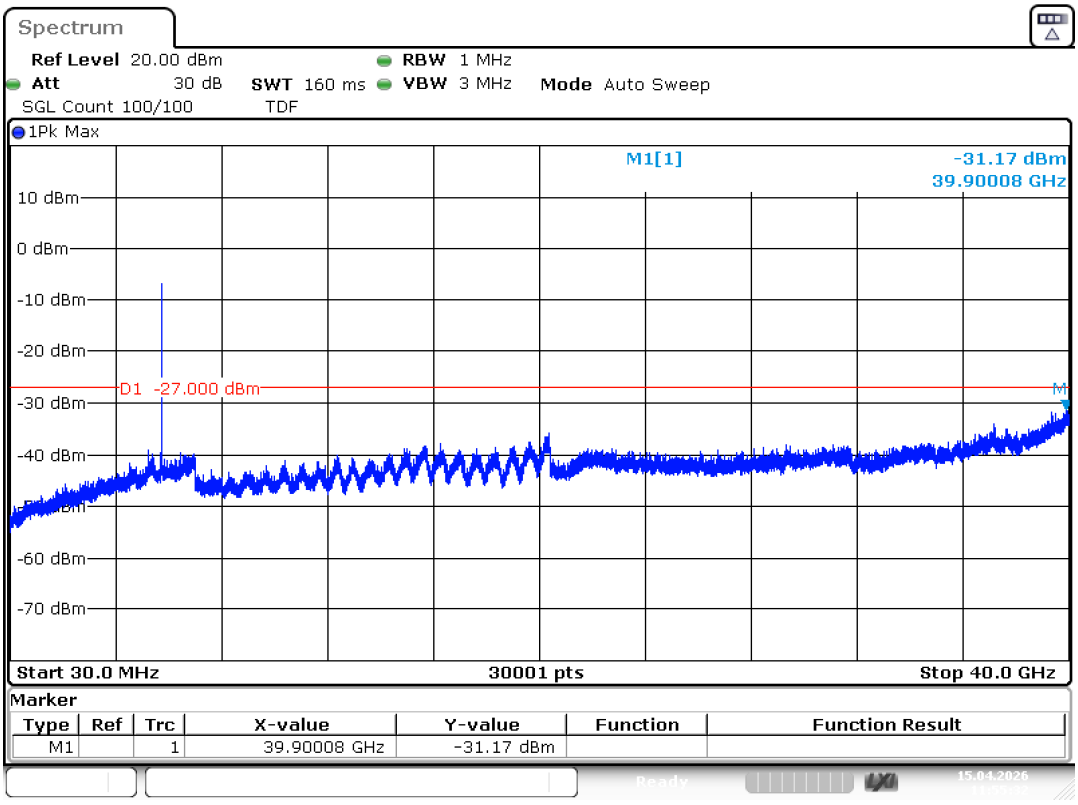
Tx. Spurious NVNT a 5745MHz Ant1 Emission



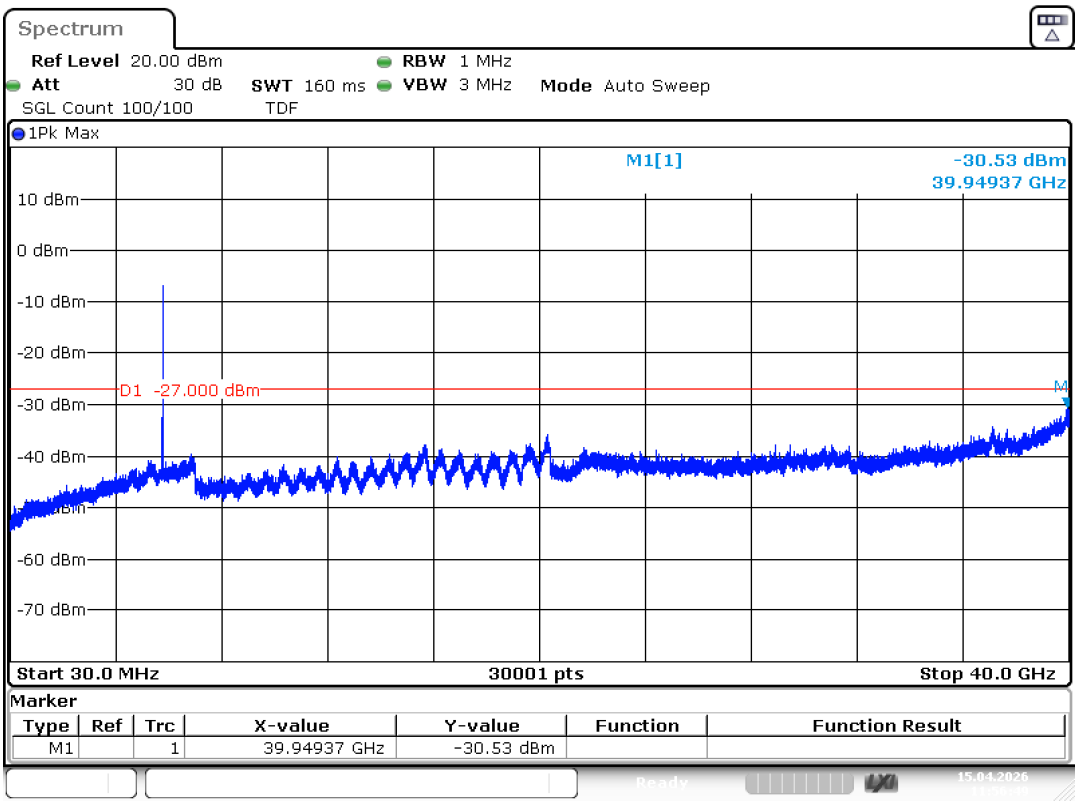
Tx. Spurious NVNT a 5785MHz Ant1 Emission



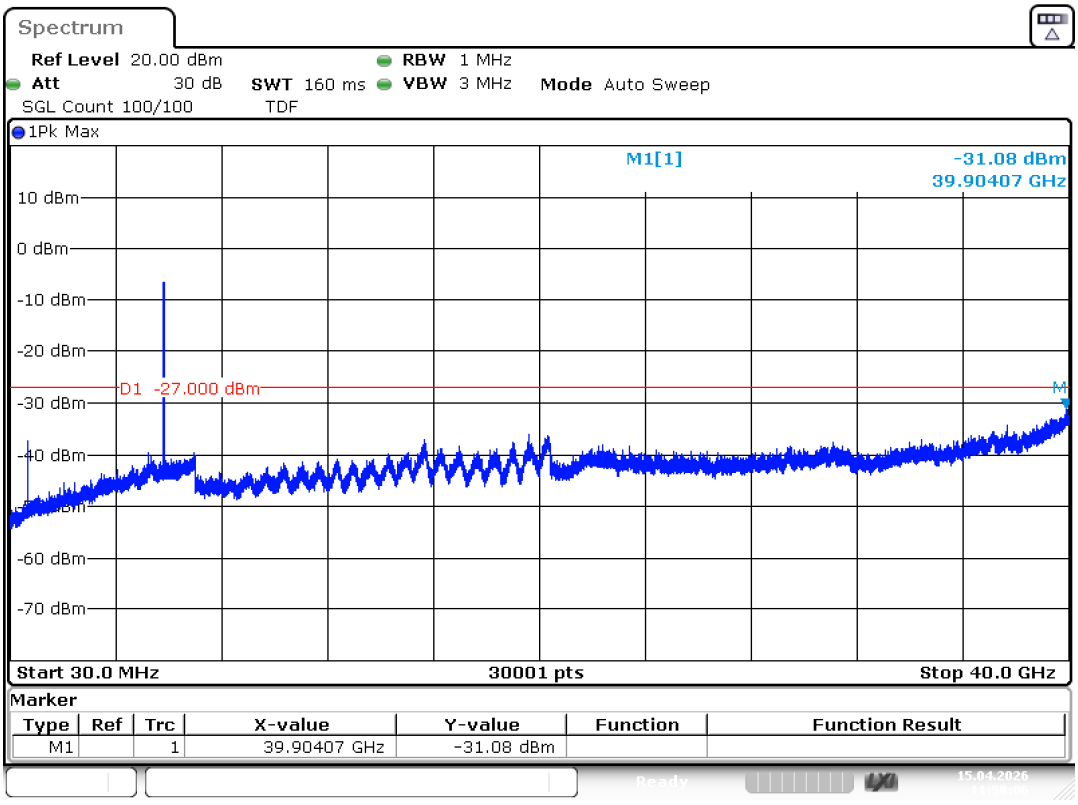
Tx. Spurious NVNT a 5825MHz Ant1 Emission



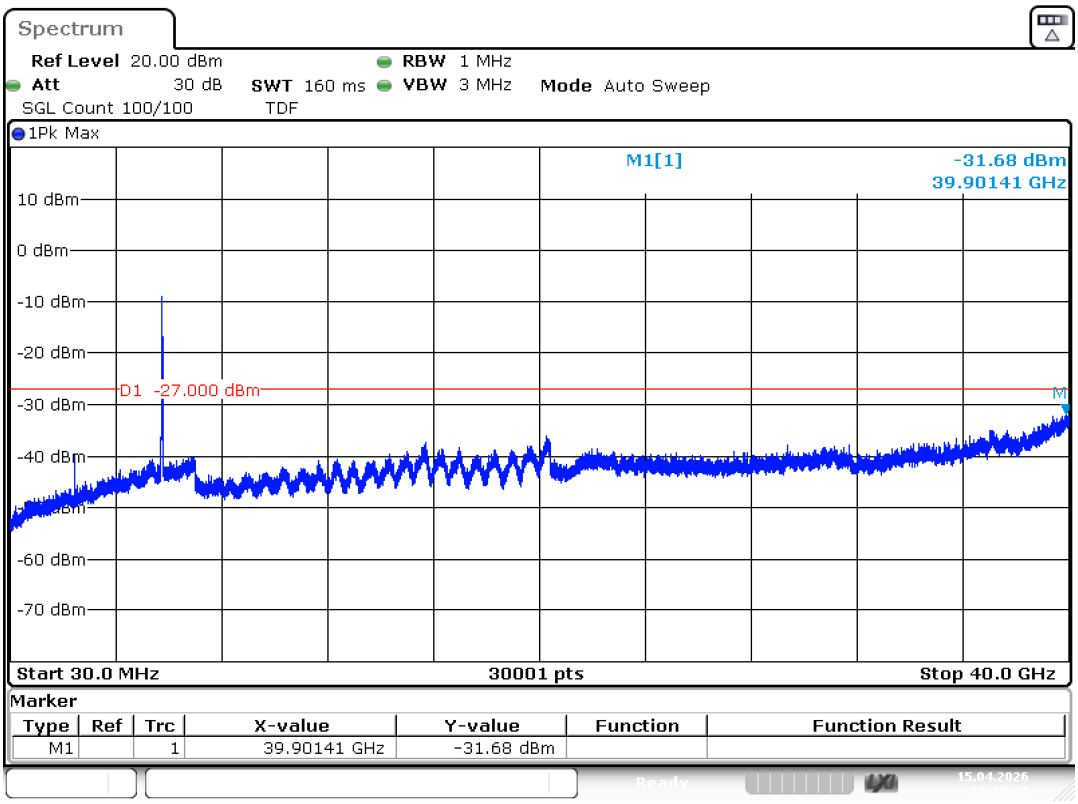
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



Tx. Spurious NVNT n20 5785MHz Ant1 Emission



Tx. Spurious NVNT n20 5825MHz Ant1 Emission



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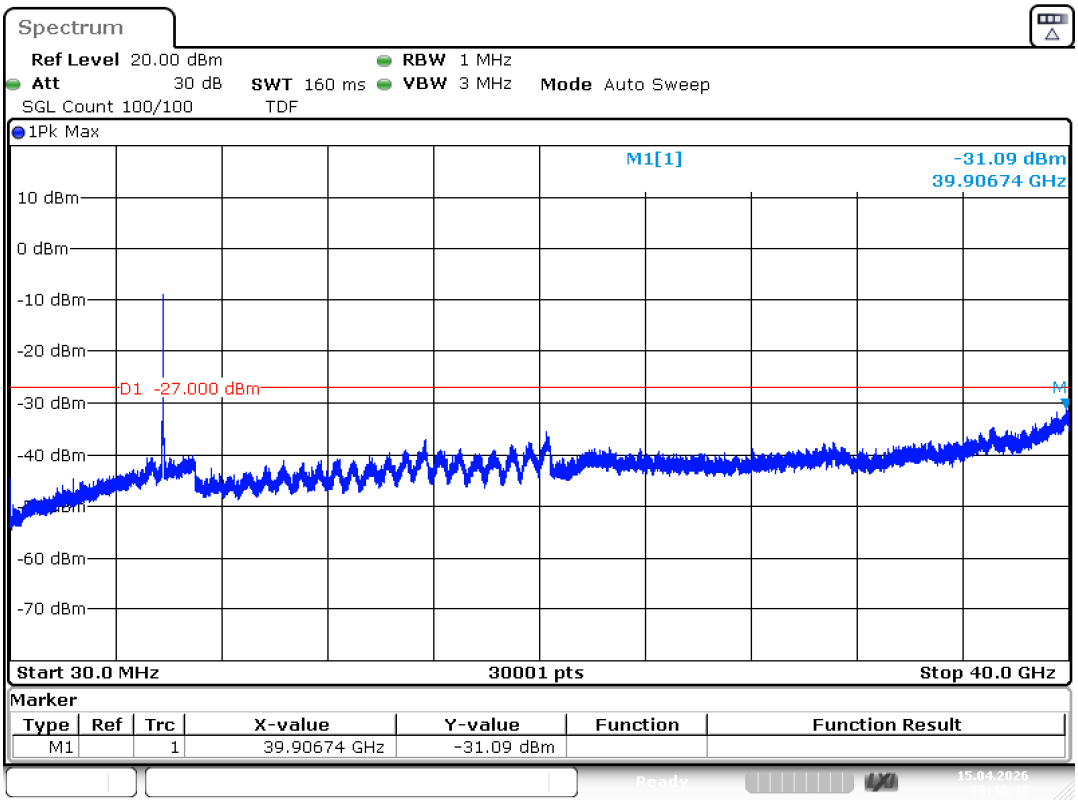
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



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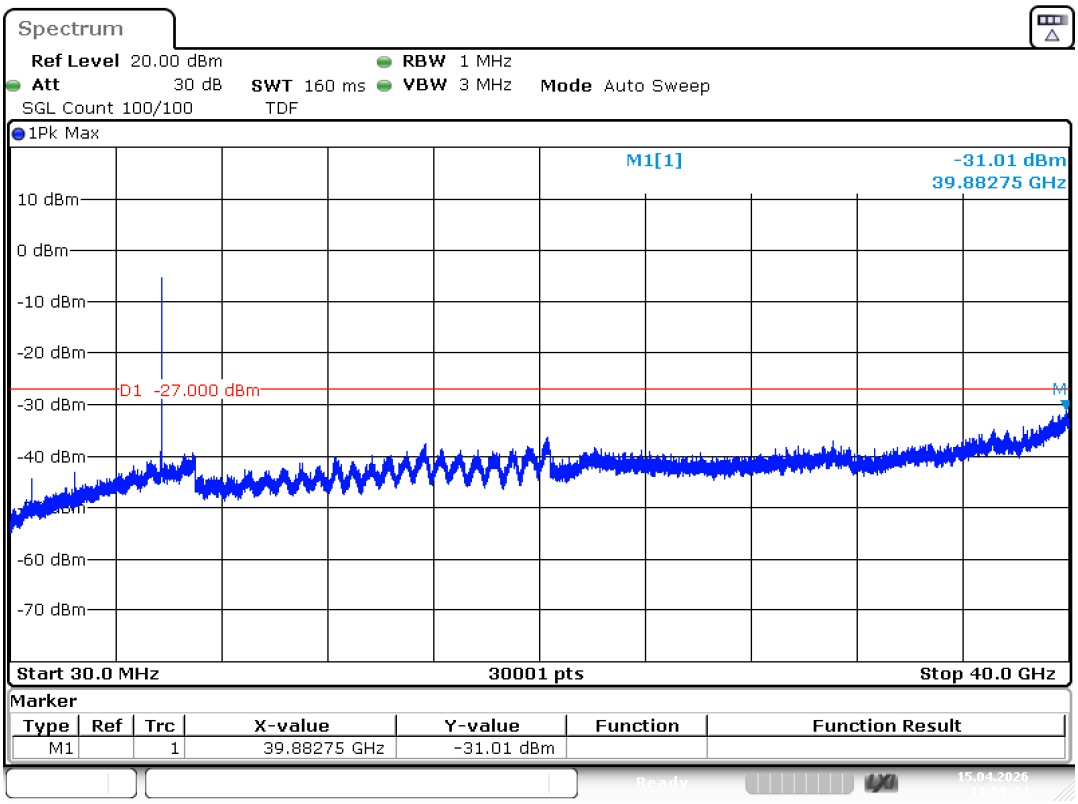
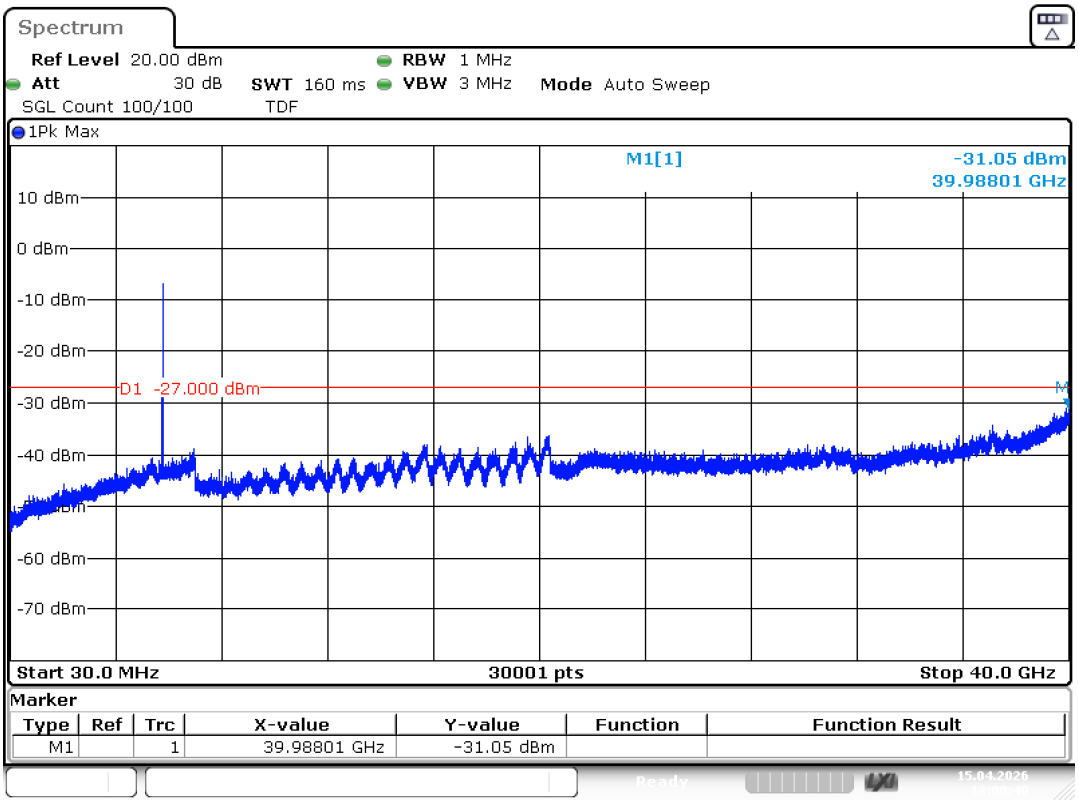
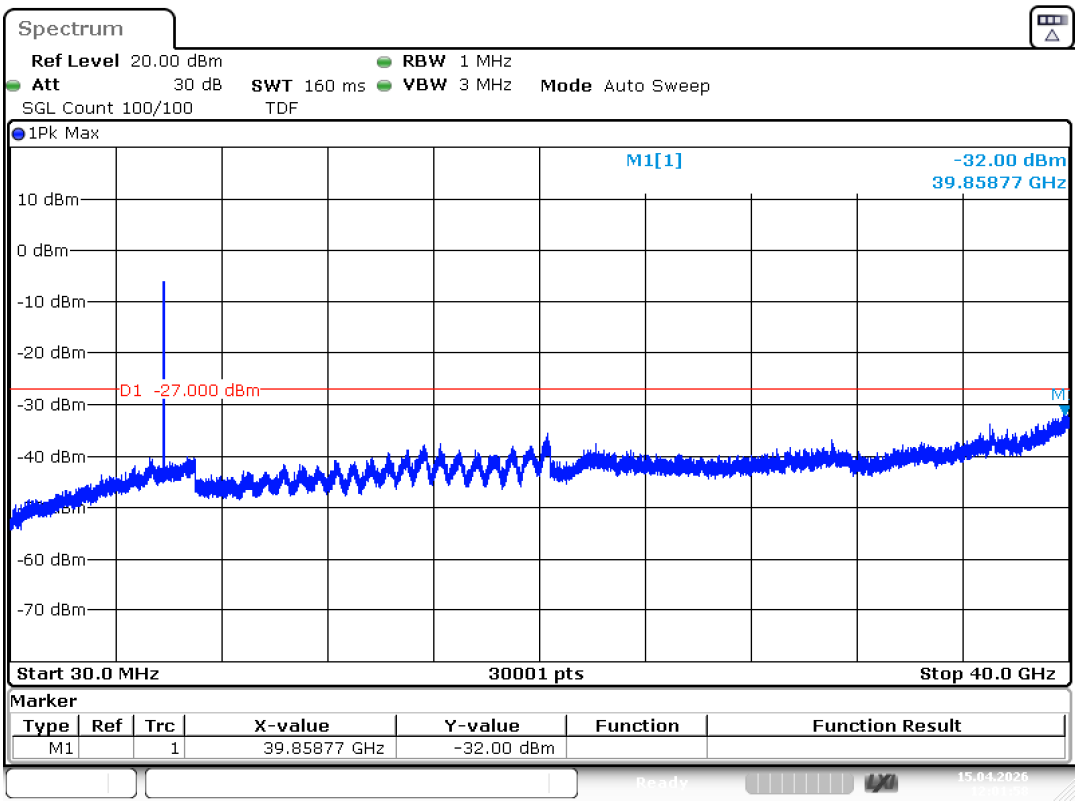


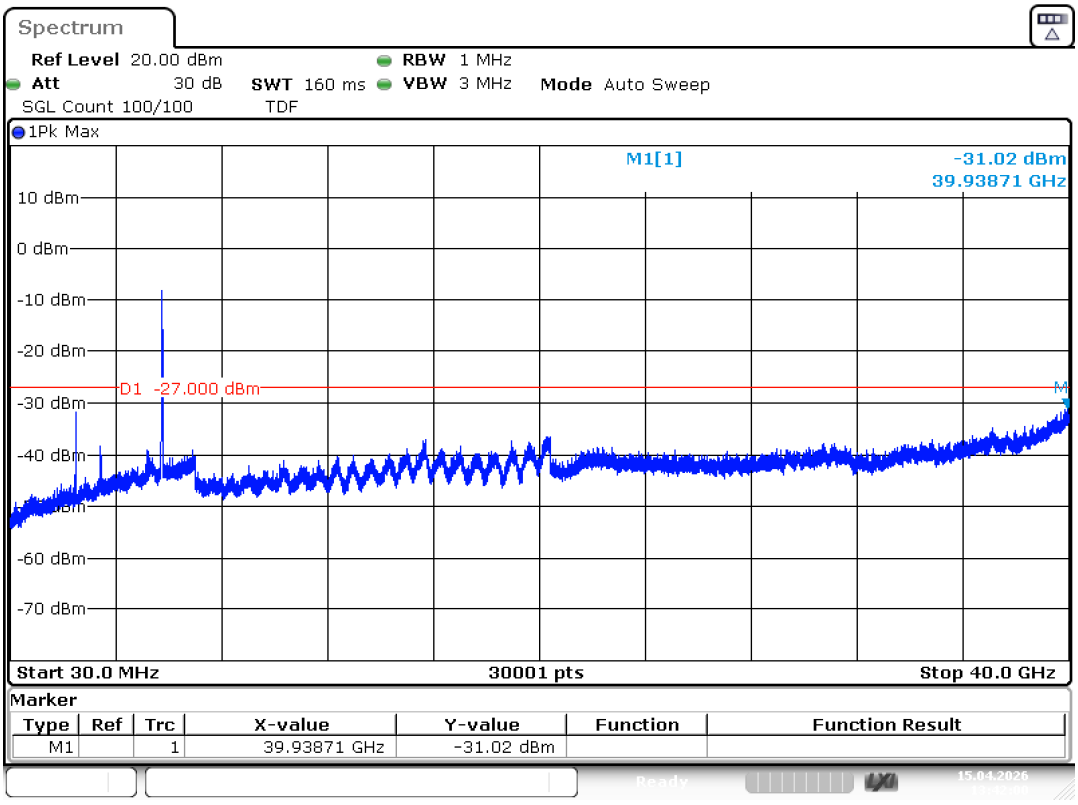
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



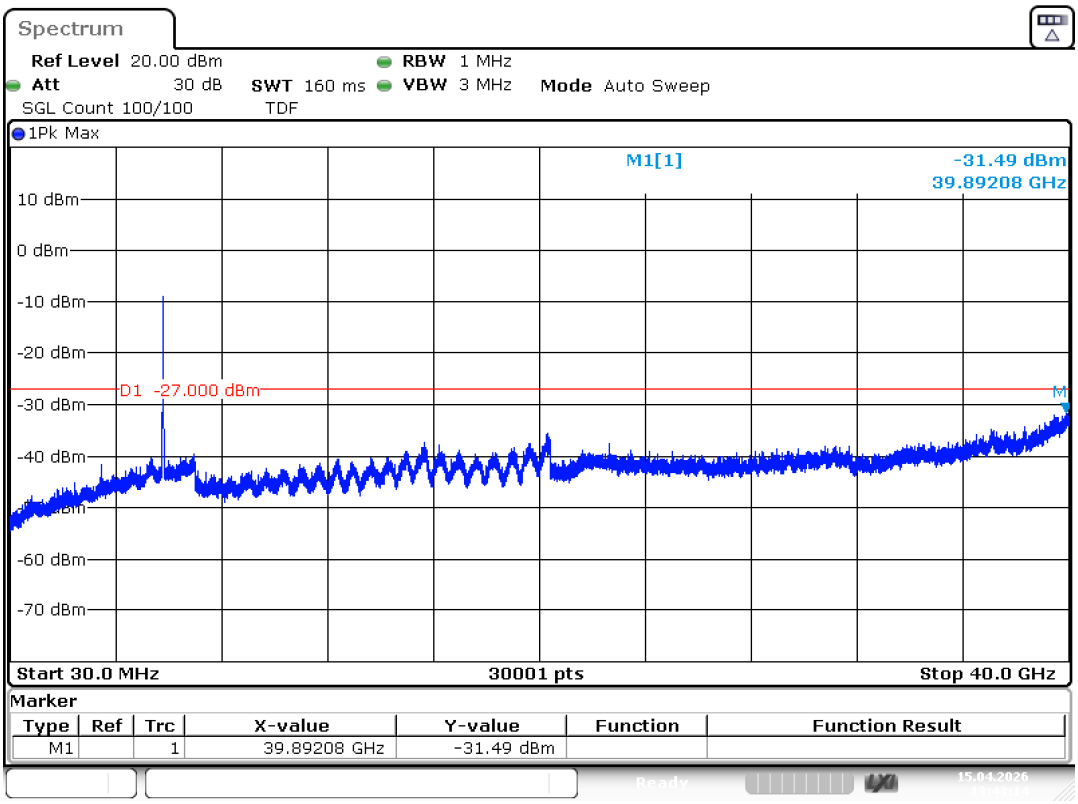
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



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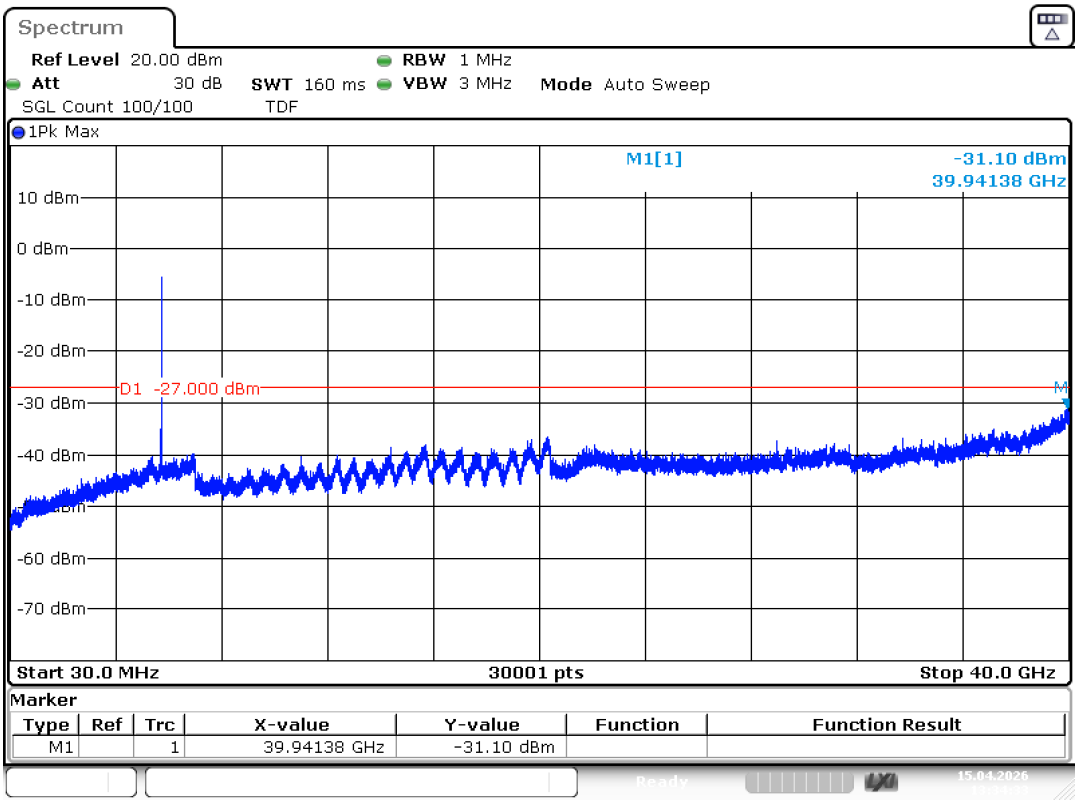
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



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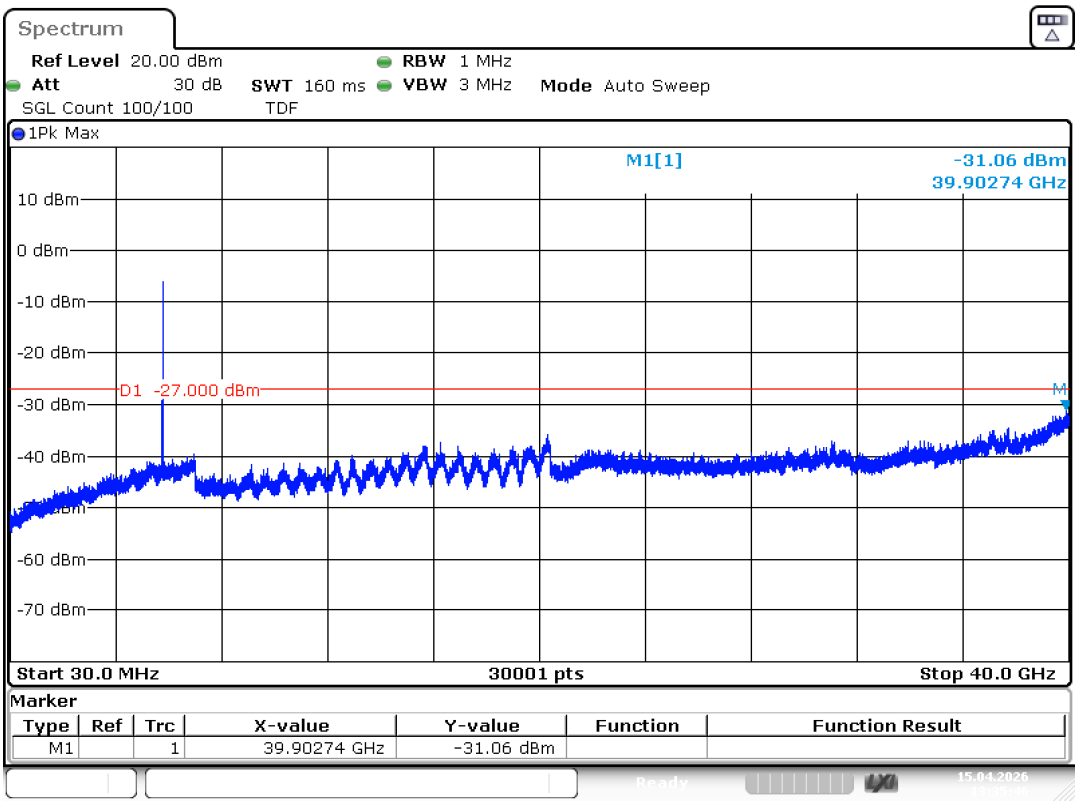
Tx. Spurious NVNT ax20 5745MHz Ant1 Emission



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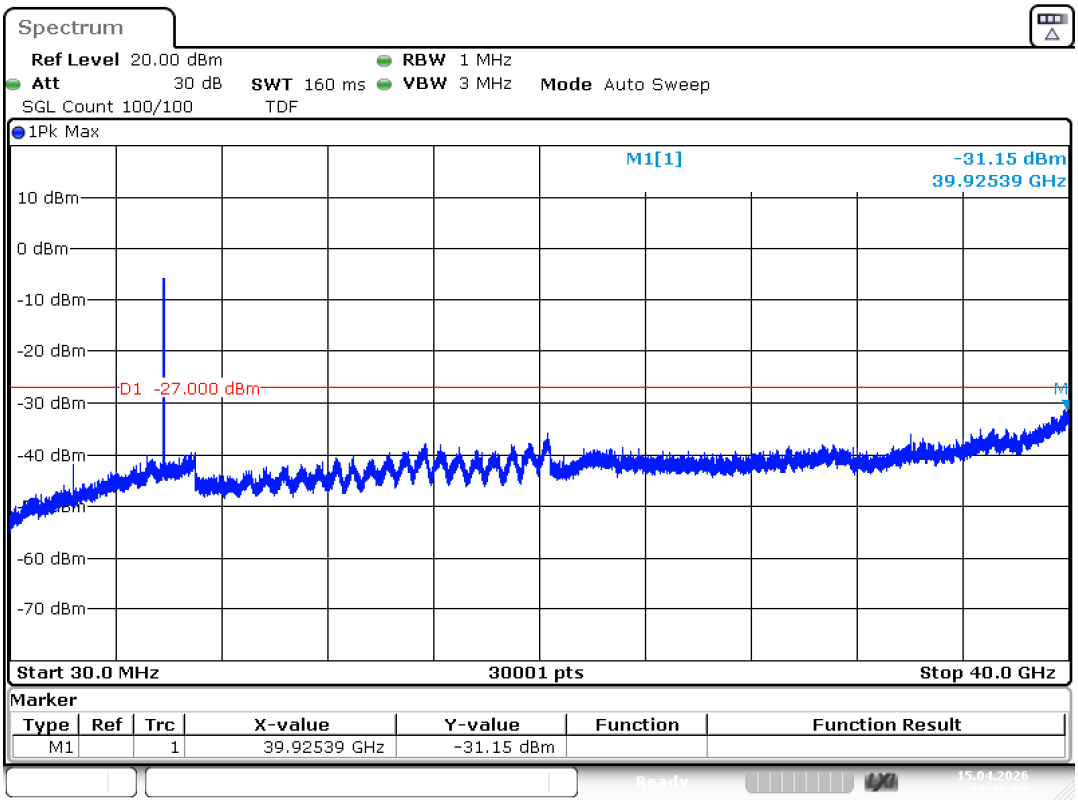

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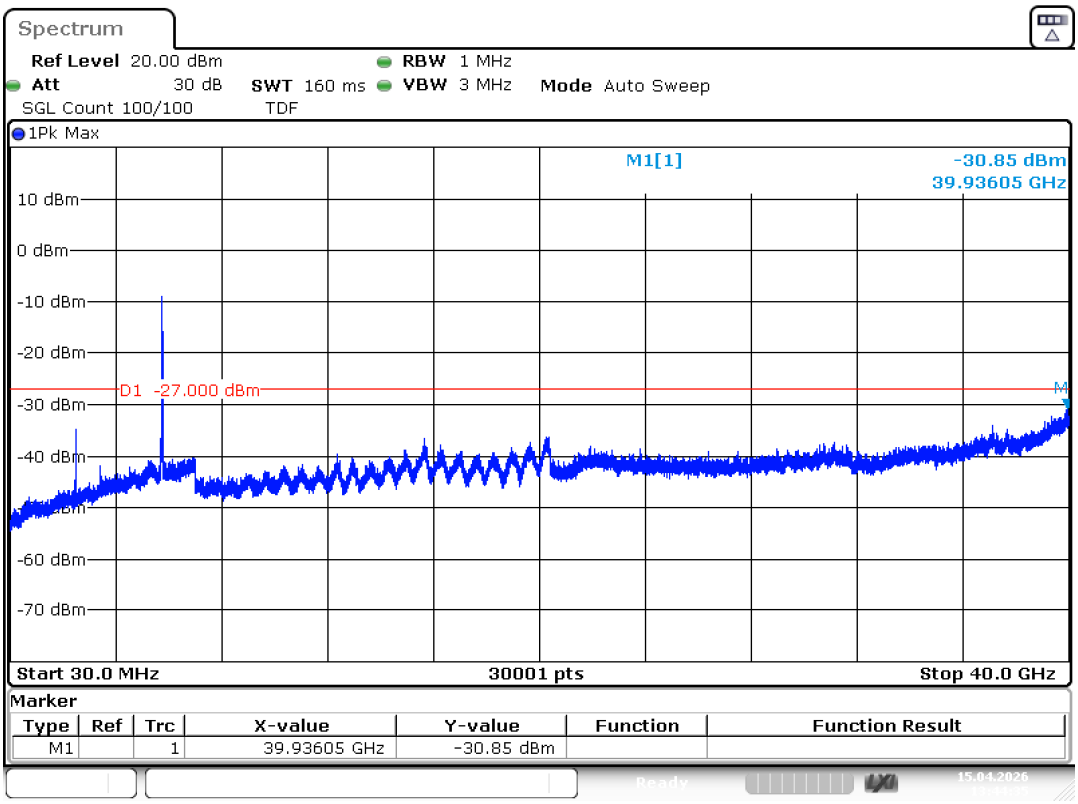
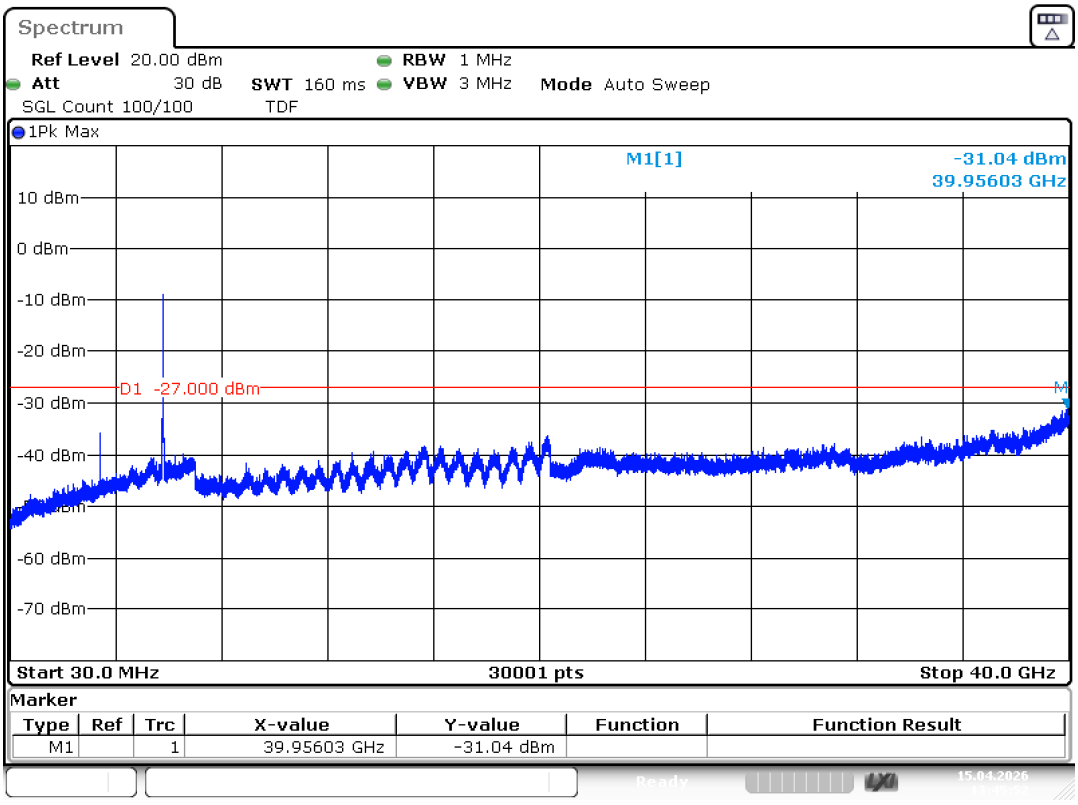
Tx. Spurious NVNT ax20 5825MHz Ant1 Emission



Tx. Spurious NVNT ax40 5755MHz Ant1 Emission



Tx. Spurious NVNT ax40 5795MHz Ant1 Emission