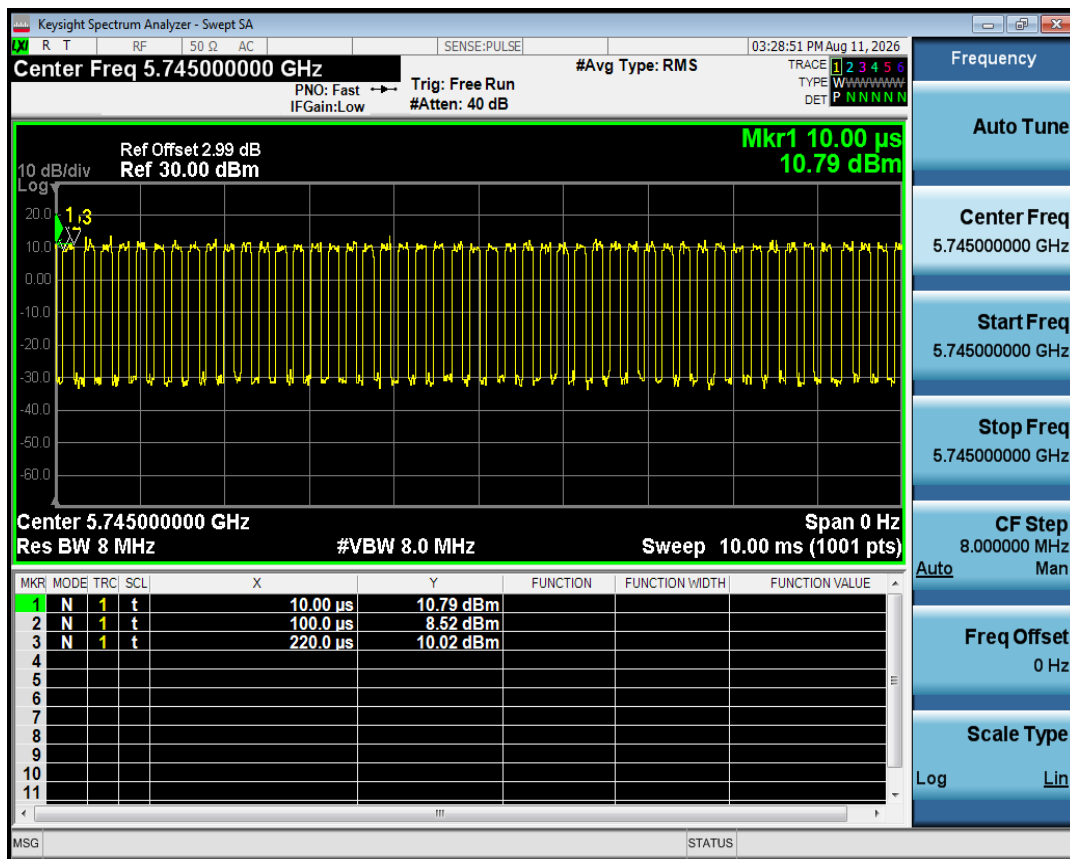


RF Test Data

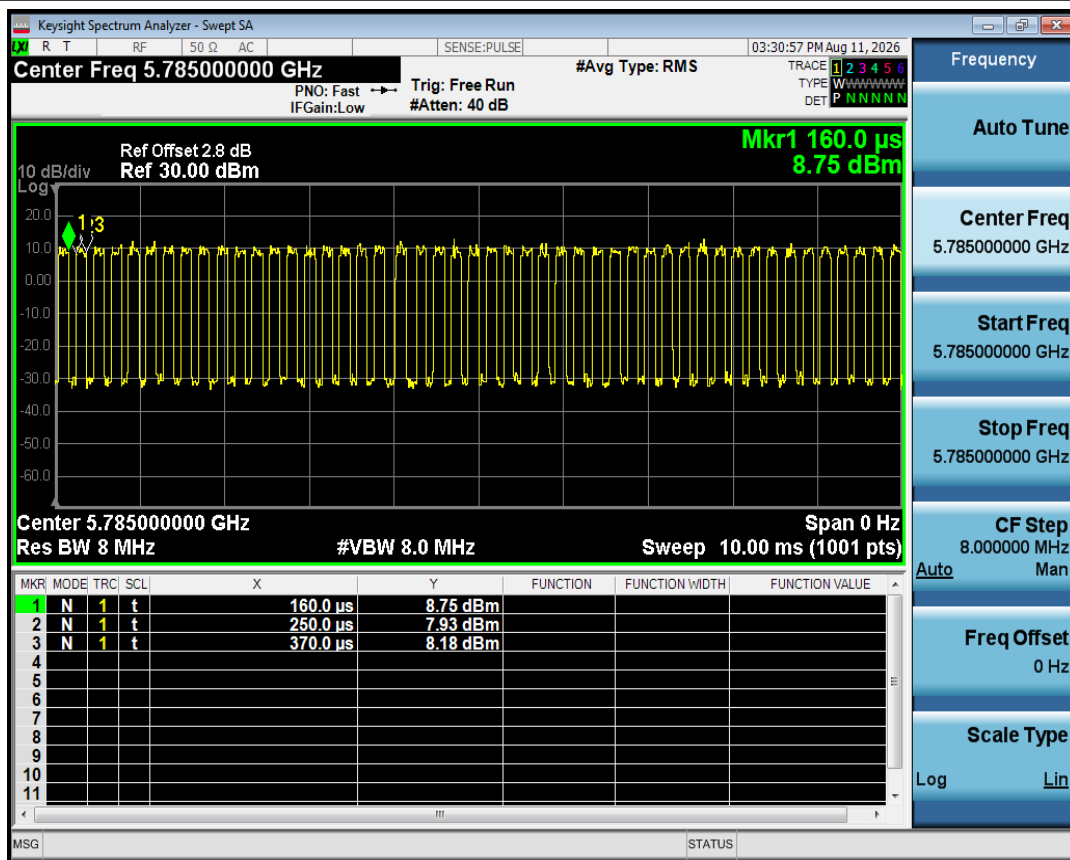
Duty Cycle	2
Maximum Conducted Output Power	10
-6dB Bandwidth	11
Occupied Channel Bandwidth	19
Maximum Power Spectral Density Level	27
Band Edge	35
Frequency Stability	41
Conducted RF Spurious Emission	49

Duty Cycle

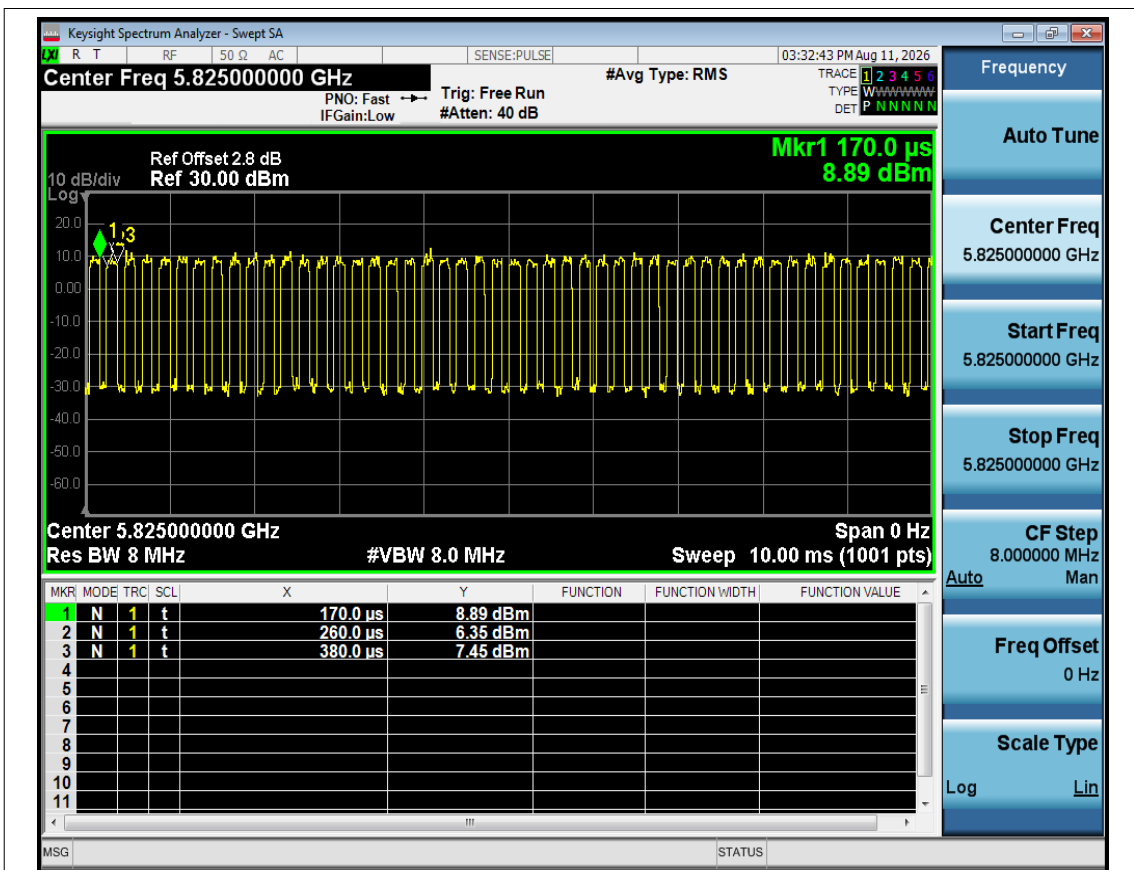
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	57.14	2.43	8.33
NVNT	a	5785	Ant1	57.14	2.43	8.33
NVNT	a	5825	Ant1	57.14	2.43	8.33
NVNT	n20	5745	Ant1	55	2.6	9.09
NVNT	n20	5785	Ant1	57.14	2.43	8.33
NVNT	n20	5825	Ant1	55	2.6	9.09
NVNT	n40	5755	Ant1	47.06	3.27	12.5
NVNT	n40	5795	Ant1	47.06	3.27	12.5
NVNT	ac20	5745	Ant1	59.09	2.28	7.69
NVNT	ac20	5785	Ant1	57.14	2.43	8.33
NVNT	ac20	5825	Ant1	59.09	2.28	7.69
NVNT	ac40	5755	Ant1	47.06	3.27	12.5
NVNT	ac40	5795	Ant1	47.06	3.27	12.5



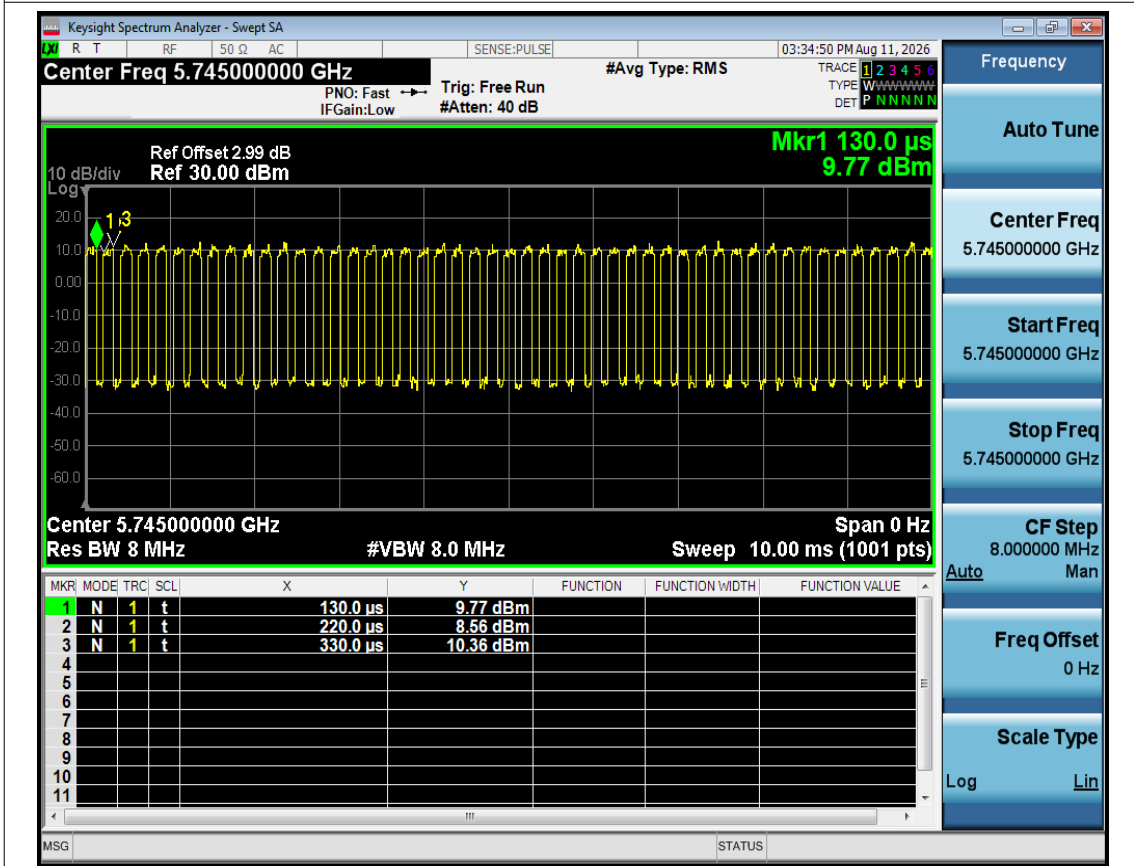
Duty Cycle NVNT a 5745MHz Ant1



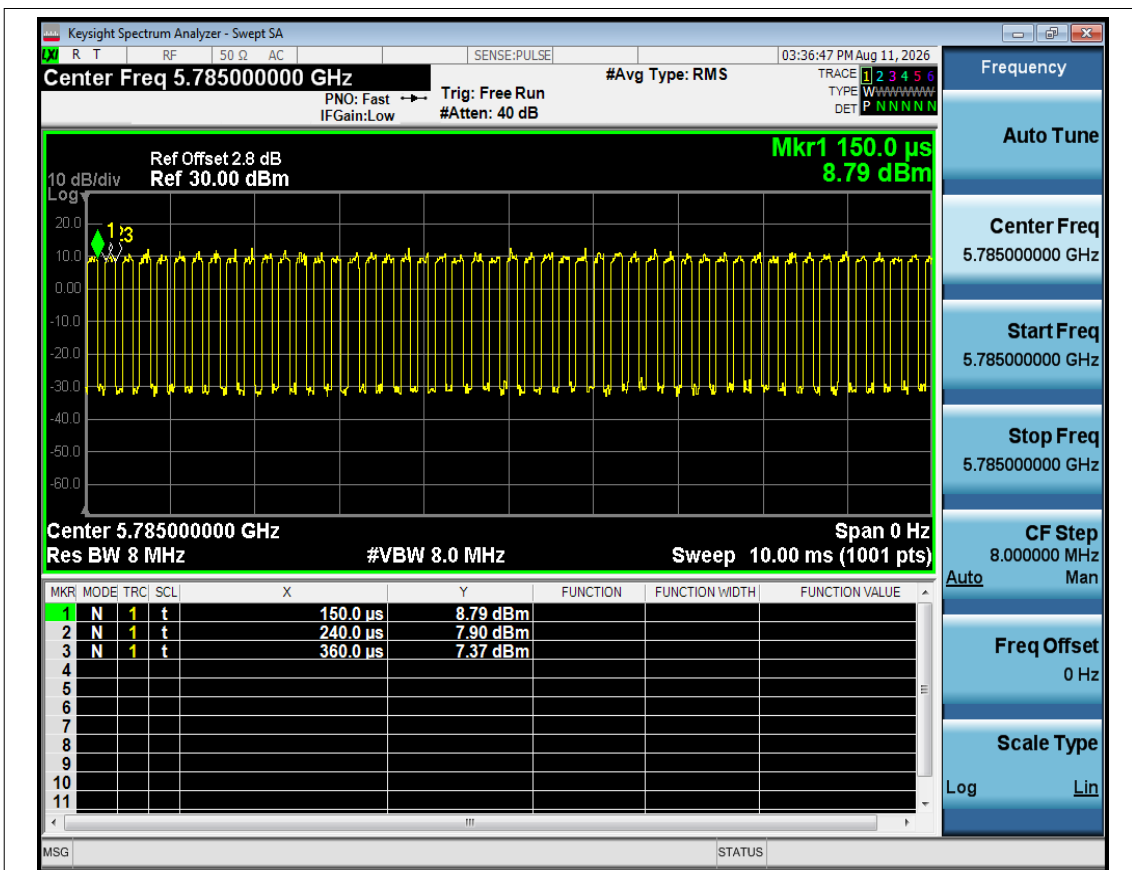
Duty Cycle NVNT a 5785MHz Ant1



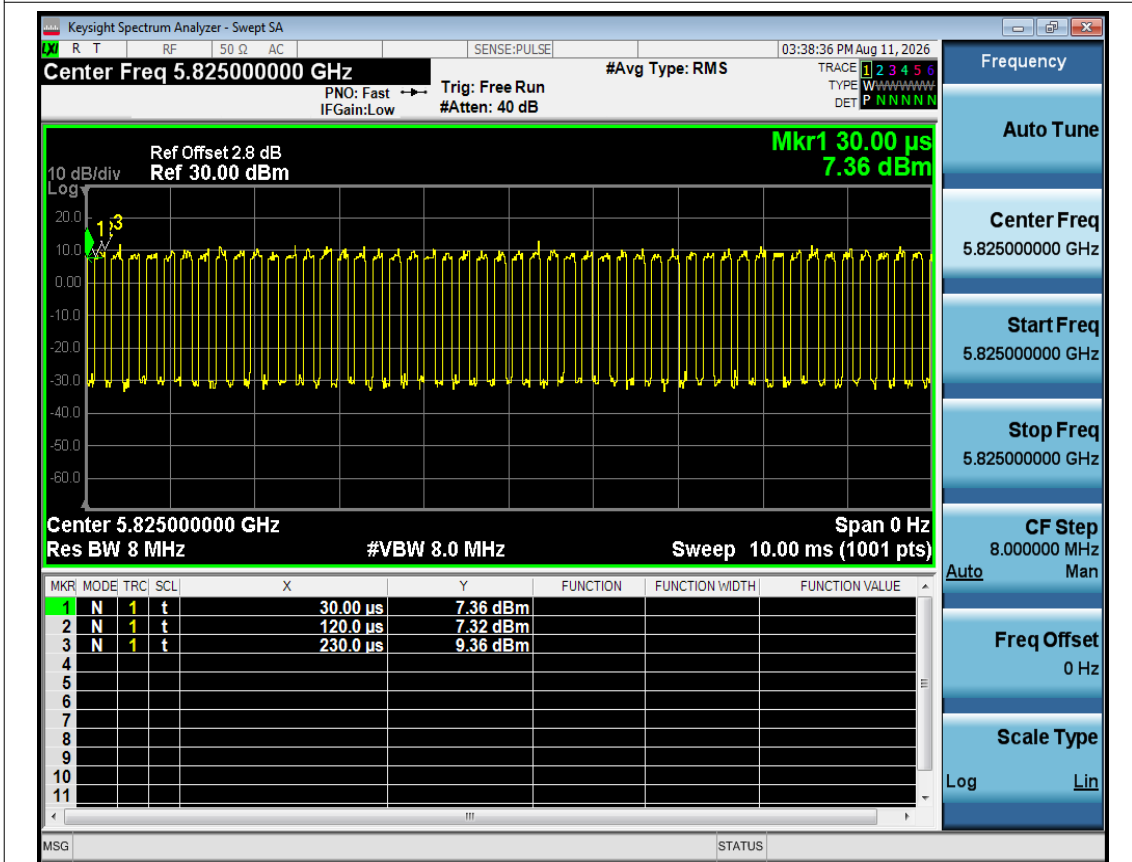
Duty Cycle NVNT a 5825MHz Ant1



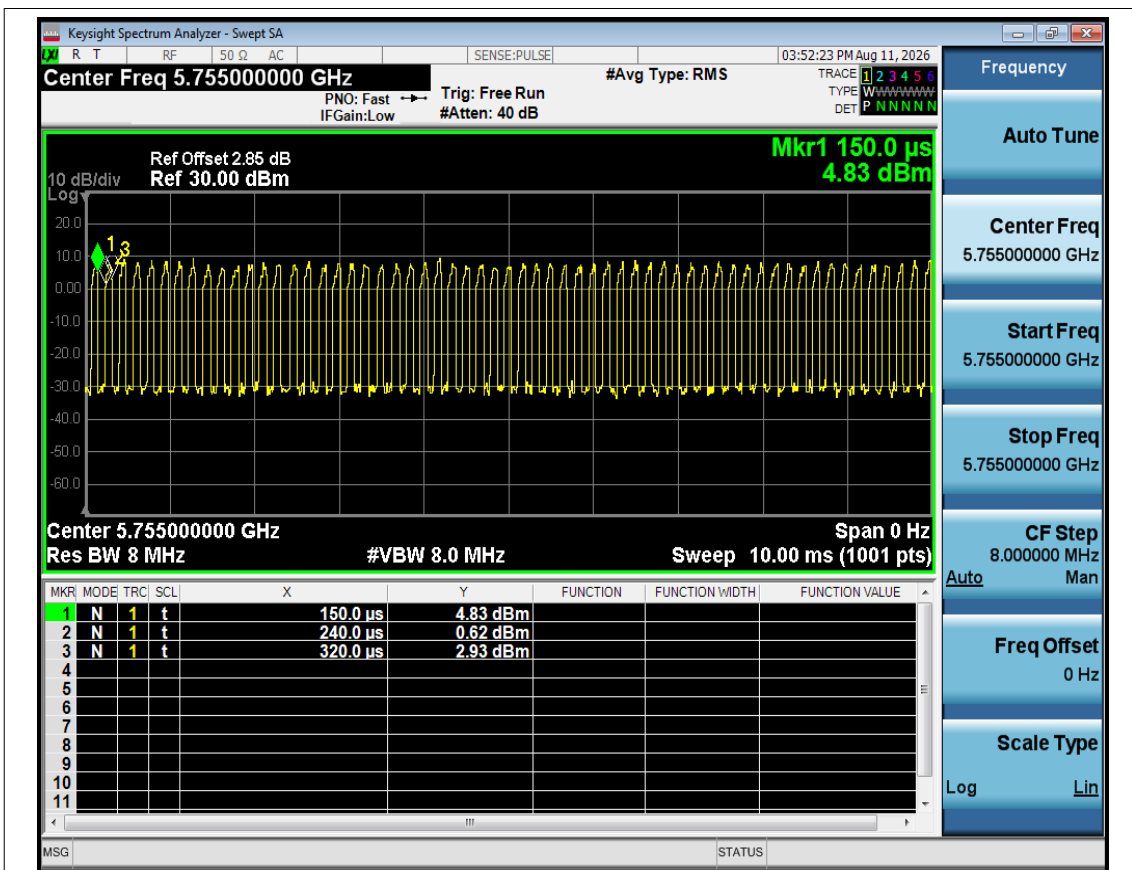
Duty Cycle NVNT n20 5745MHz Ant1



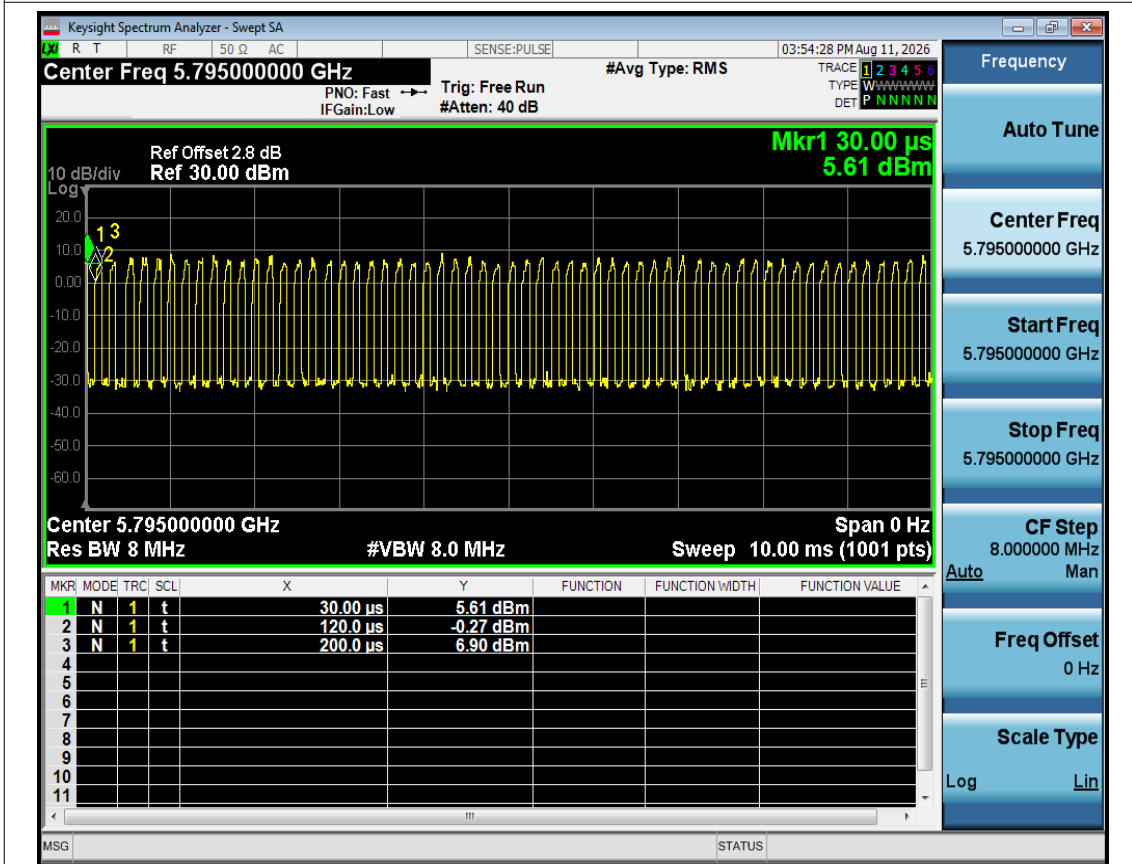
Duty Cycle NVNT n20 5785MHz Ant1



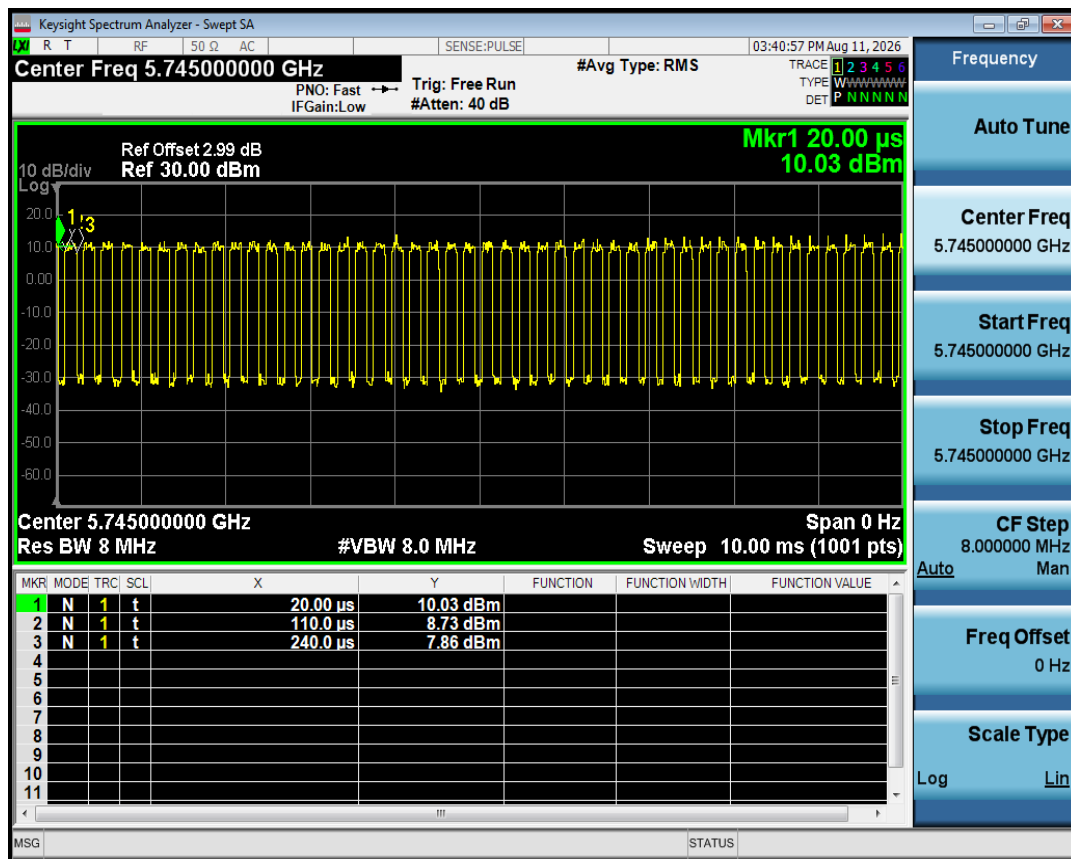
Duty Cycle NVNT n20 5825MHz Ant1



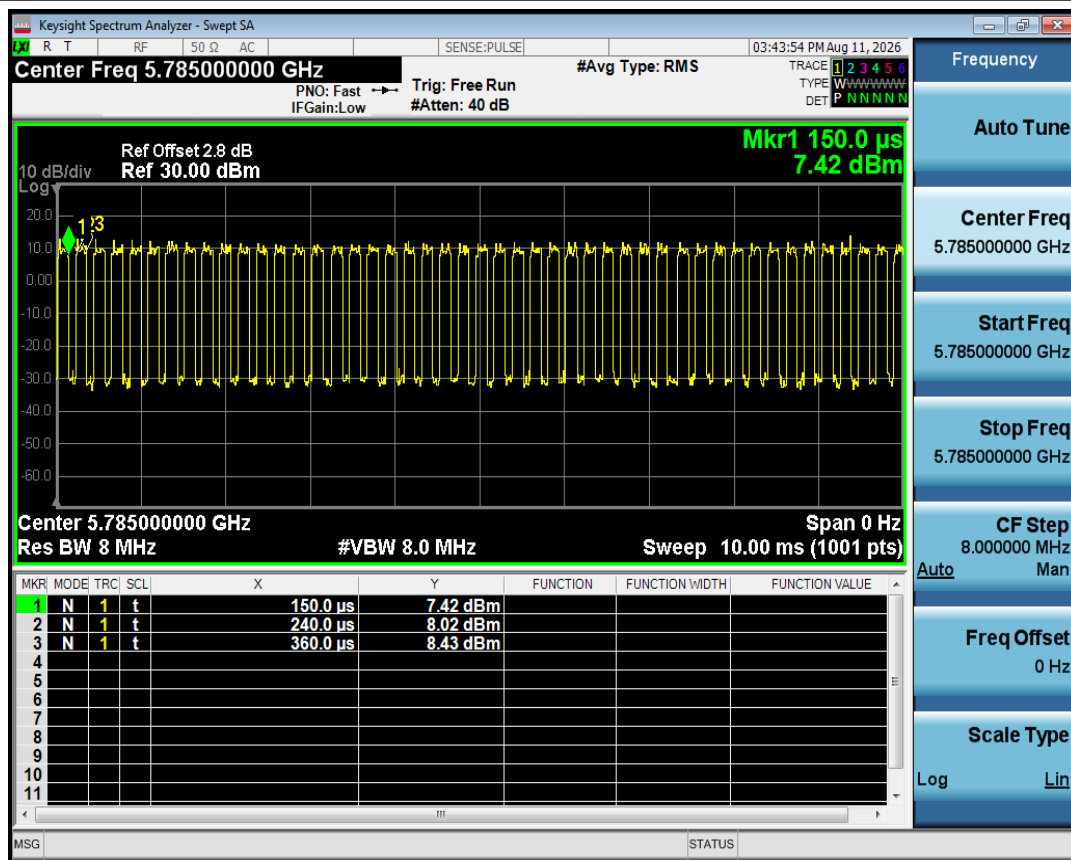
Duty Cycle NVNT n40 5755MHz Ant1



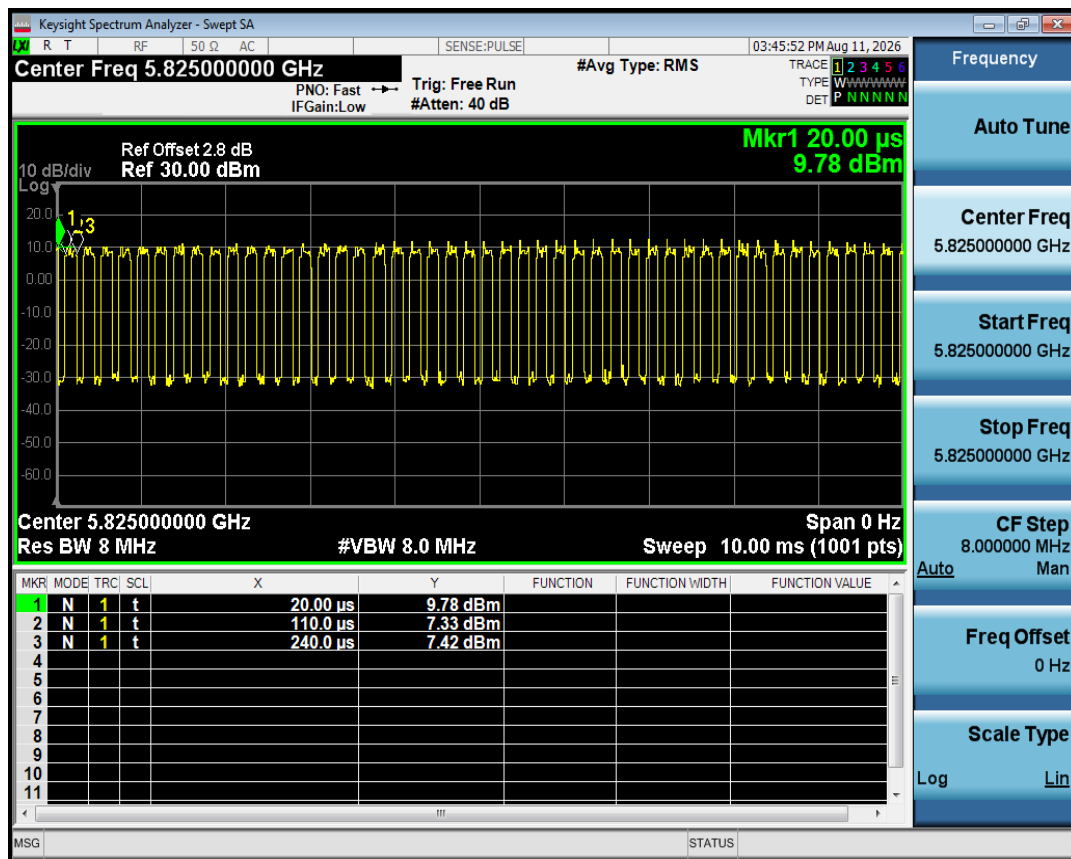
Duty Cycle NVNT n40 5795MHz Ant1



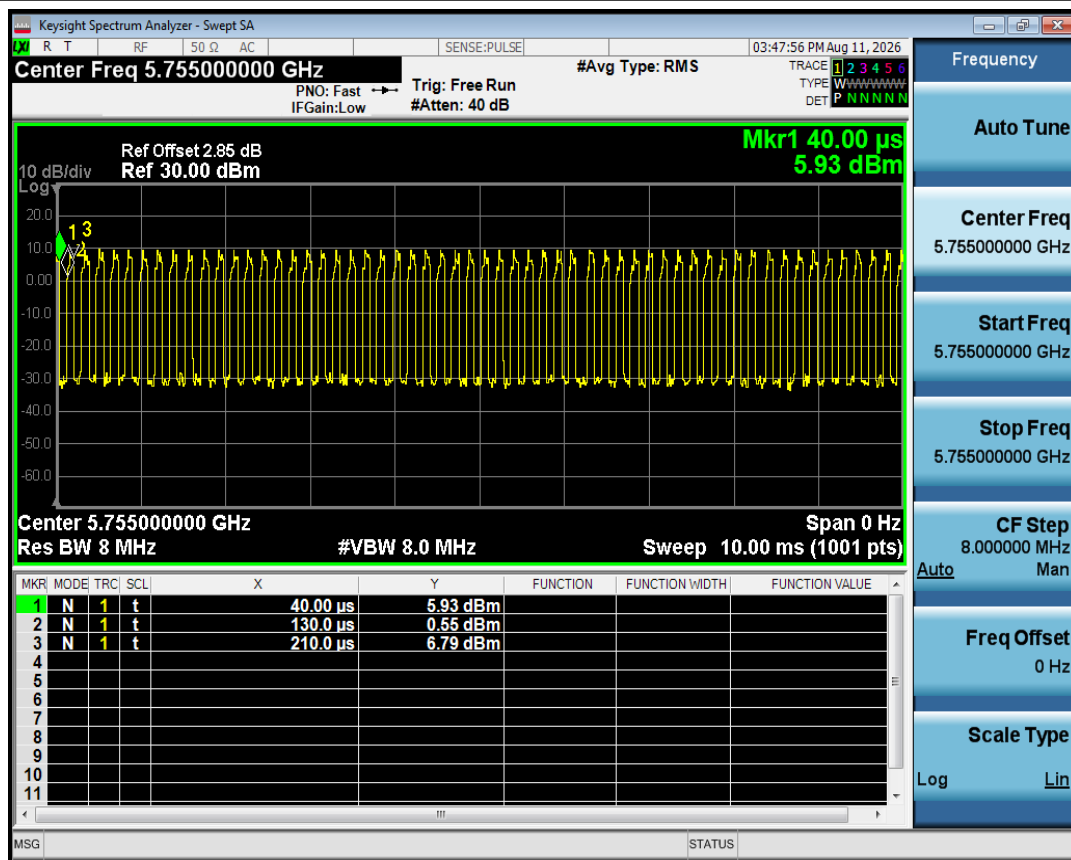
Duty Cycle NVNT ac20 5745MHz Ant1



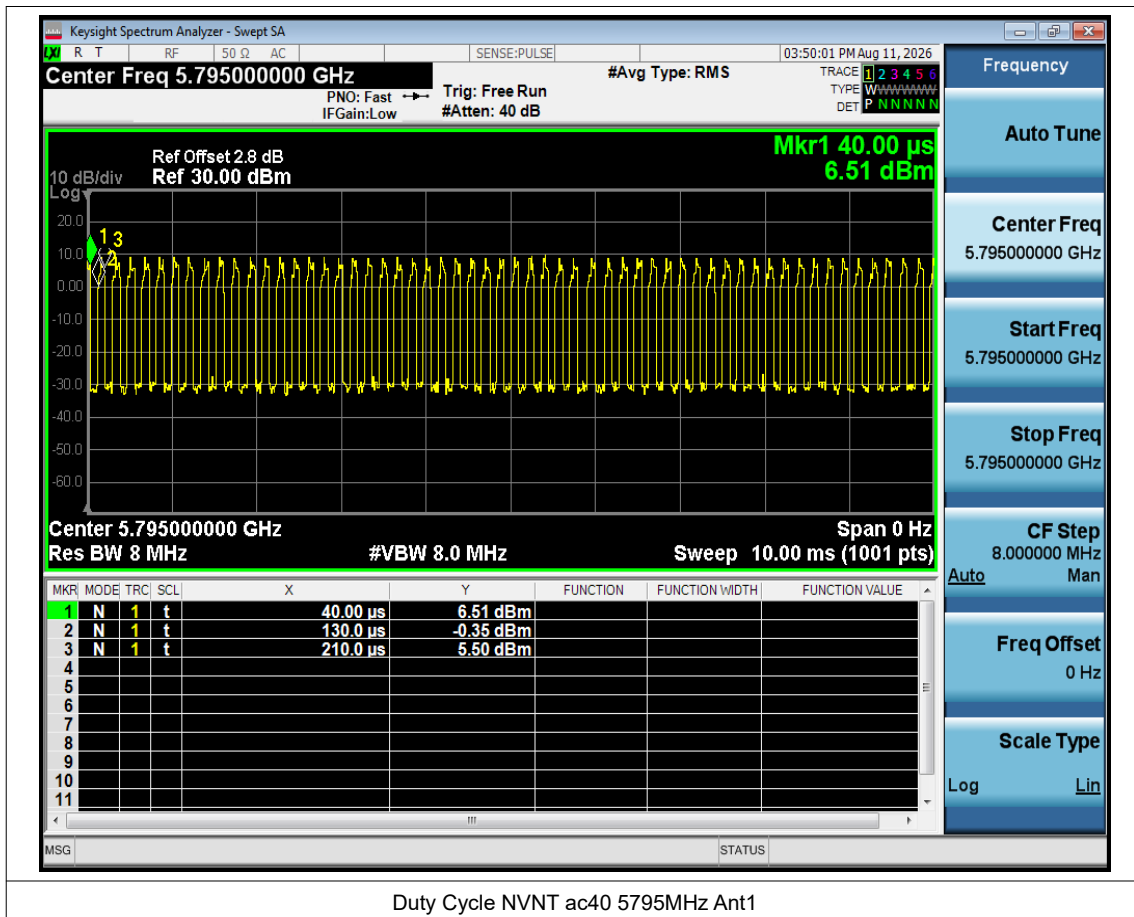
Duty Cycle NVNT ac20 5785MHz Ant1



Duty Cycle NVNT ac20 5825MHz Ant1



Duty Cycle NVNT ac40 5755MHz Ant1



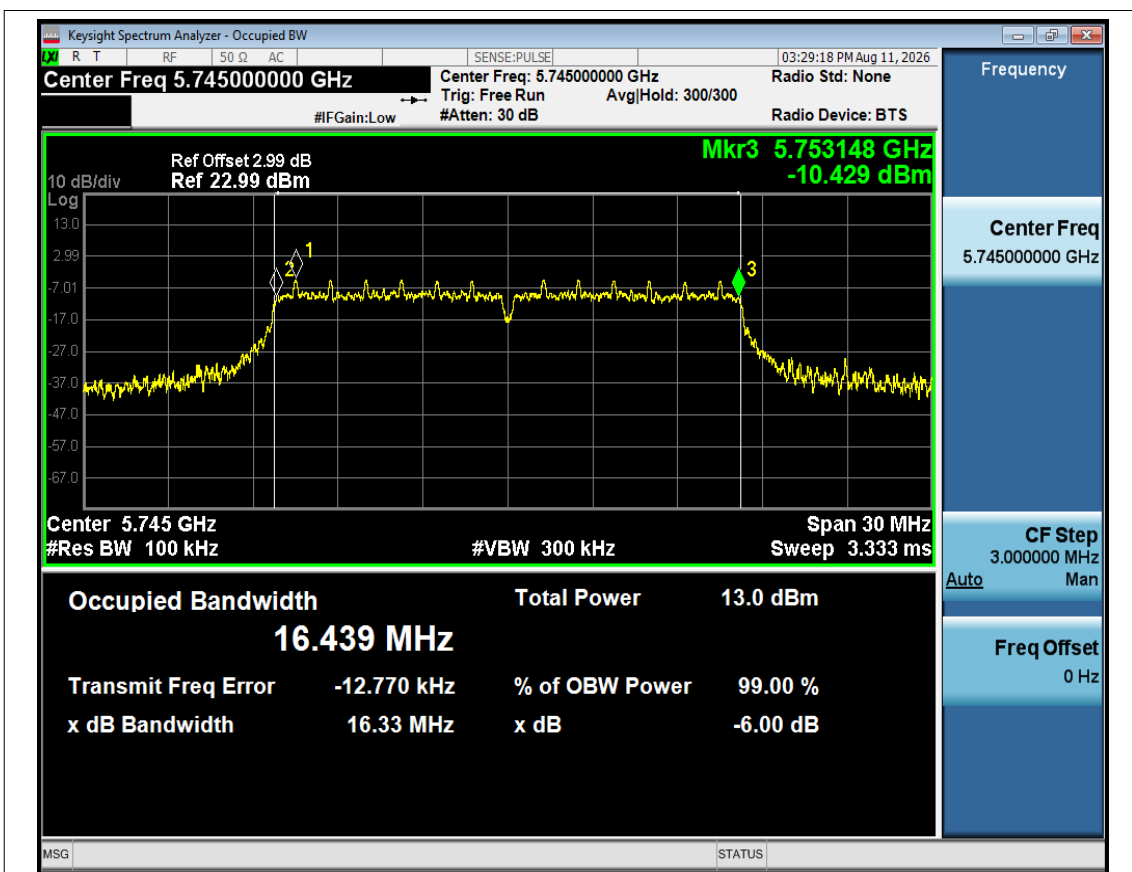
Maximum Conducted Output Power

Condi tion	Mod e	Frequen cy (MHz)	Anten na	Conduct ed Power (dBm)	Duty Cyle Fact or	Total Conduct ed Power (dBm)	Conduct ed Power (W)	Limit Conducted(dB m)	Verdi ct
NVNT	a	5745	Ant1	8.35	2.43	10.78	0.01197	30	Pass
NVNT	a	5785	Ant1	8.92	2.43	11.35	0.01365	30	Pass
NVNT	a	5825	Ant1	8.51	2.43	10.94	0.01242	30	Pass
NVNT	n20	5745	Ant1	8.67	2.6	11.27	0.01340	30	Pass
NVNT	n20	5785	Ant1	8.08	2.43	10.51	0.01125	30	Pass
NVNT	n20	5825	Ant1	8.39	2.6	10.99	0.01256	30	Pass
NVNT	n40	5755	Ant1	8.16	3.27	11.43	0.01390	30	Pass
NVNT	n40	5795	Ant1	8.3	3.27	11.57	0.01435	30	Pass
NVNT	ac20	5745	Ant1	9.87	2.28	12.15	0.01641	30	Pass
NVNT	ac20	5785	Ant1	9.11	2.43	11.54	0.01426	30	Pass
NVNT	ac20	5825	Ant1	7.69	2.28	9.97	0.00993	30	Pass
NVNT	ac40	5755	Ant1	7.5	3.27	10.77	0.01194	30	Pass
NVNT	ac40	5795	Ant1	7.3	3.27	10.57	0.01140	30	Pass

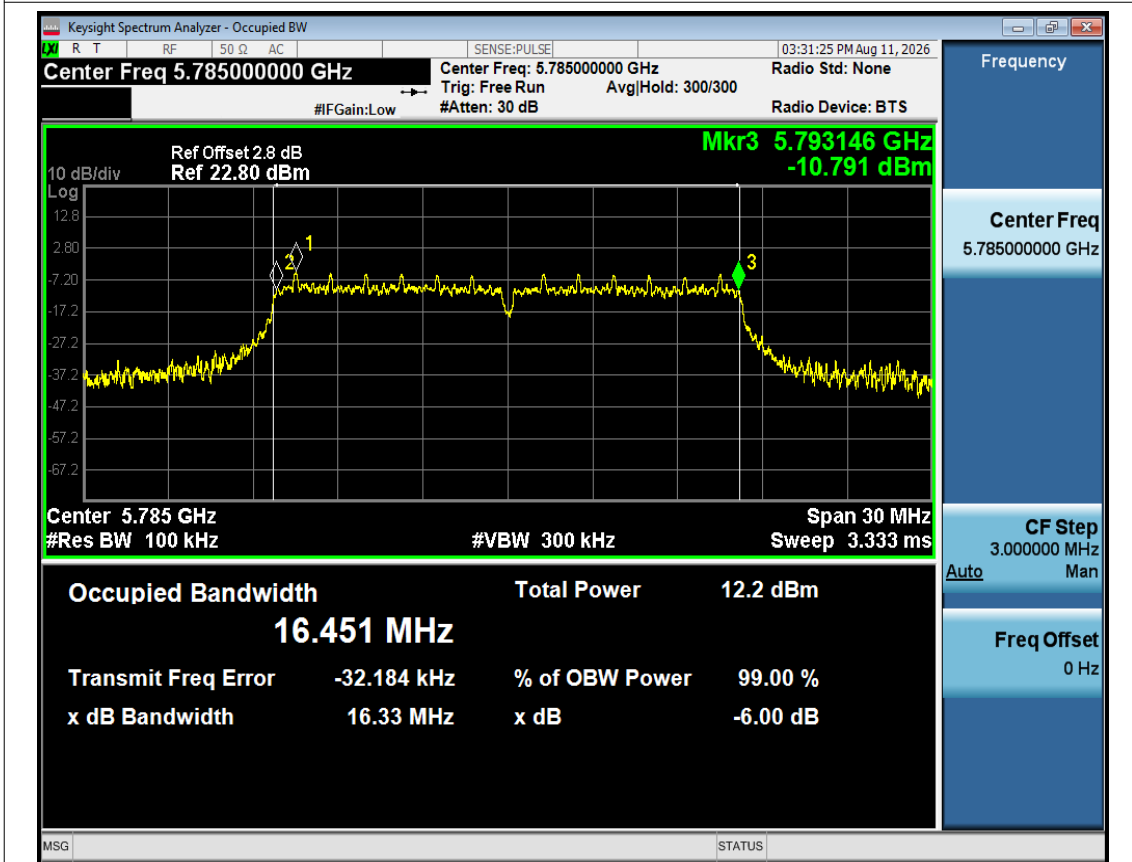
Note: Total Conducted Power=Conducted Power+Duty Cyle Factor

-6dB Bandwidth

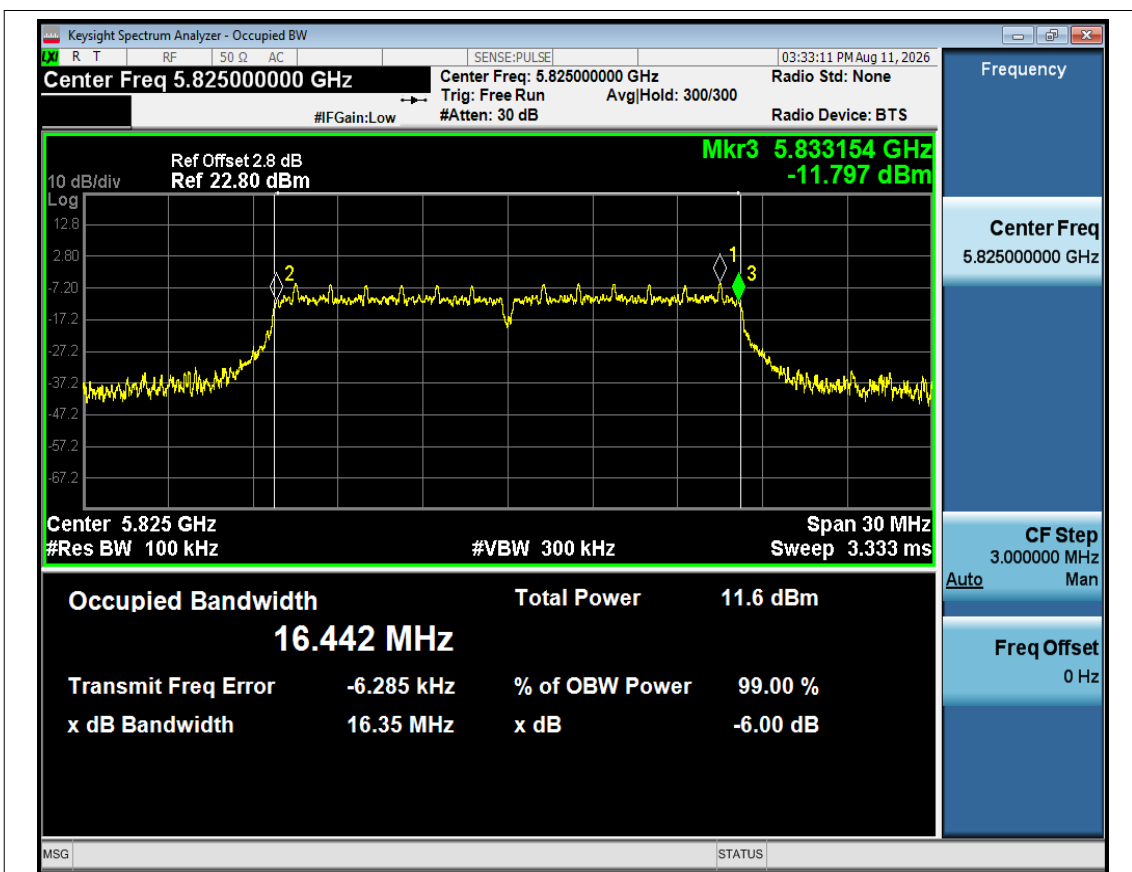
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.33	0.5	Pass
NVNT	a	5785	Ant1	16.33	0.5	Pass
NVNT	a	5825	Ant1	16.35	0.5	Pass
NVNT	n20	5745	Ant1	17.27	0.5	Pass
NVNT	n20	5785	Ant1	16.94	0.5	Pass
NVNT	n20	5825	Ant1	17.27	0.5	Pass
NVNT	n40	5755	Ant1	35.88	0.5	Pass
NVNT	n40	5795	Ant1	35.86	0.5	Pass
NVNT	ac20	5745	Ant1	17.28	0.5	Pass
NVNT	ac20	5785	Ant1	17.13	0.5	Pass
NVNT	ac20	5825	Ant1	17.41	0.5	Pass
NVNT	ac40	5755	Ant1	36.01	0.5	Pass
NVNT	ac40	5795	Ant1	35.65	0.5	Pass



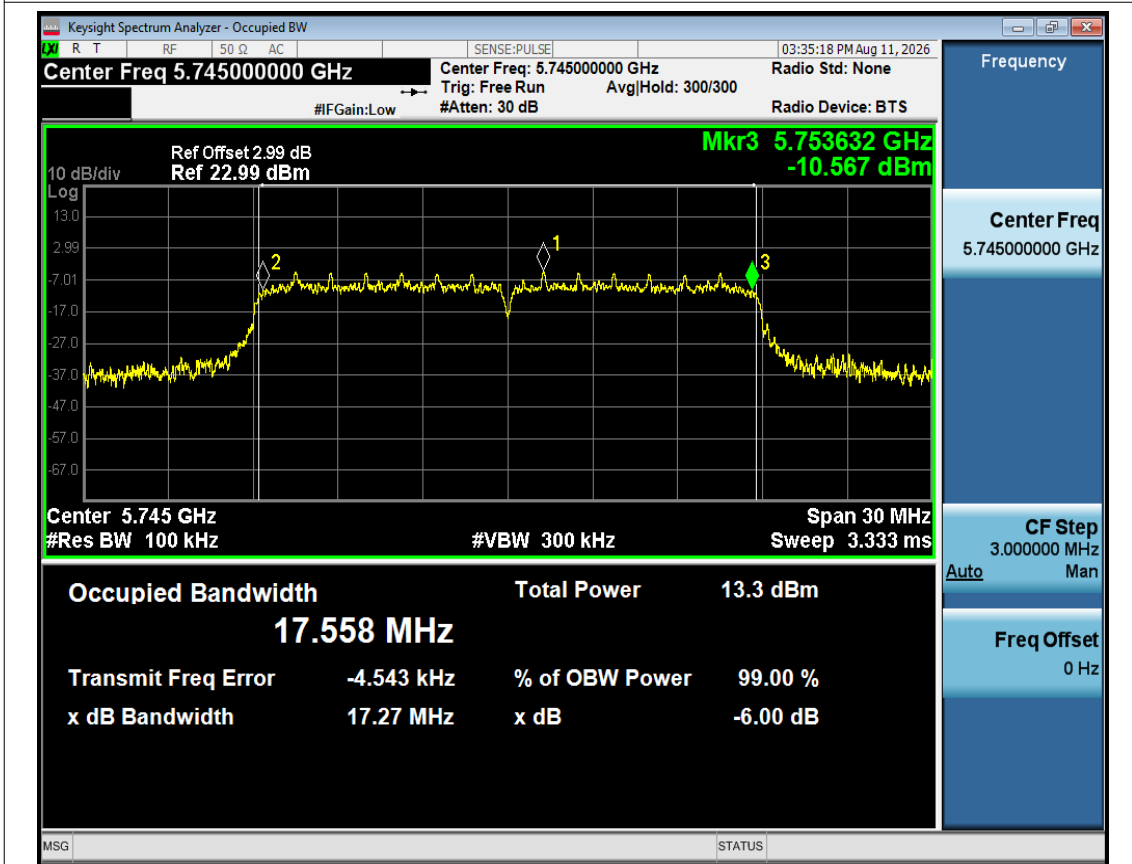
-6dB Bandwidth NVNT a 5745MHz Ant1



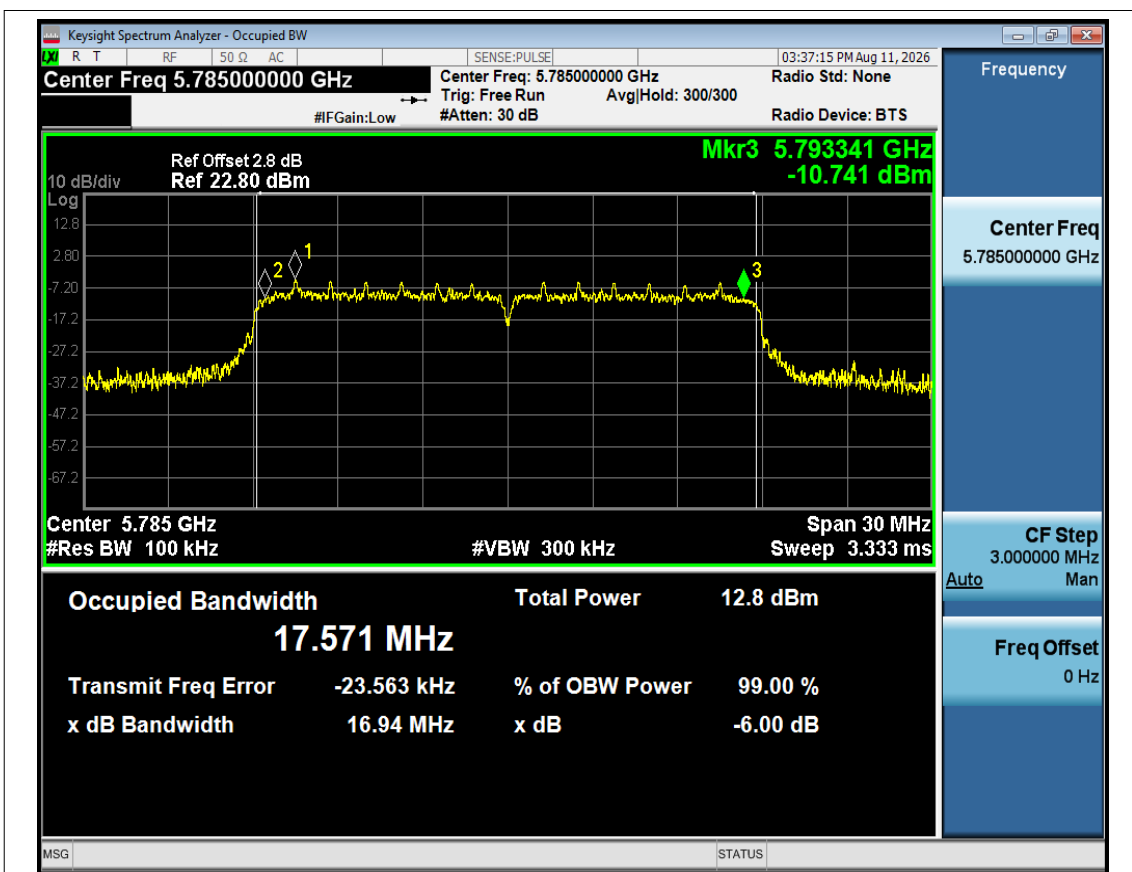
-6dB Bandwidth NVNT a 5785MHz Ant1



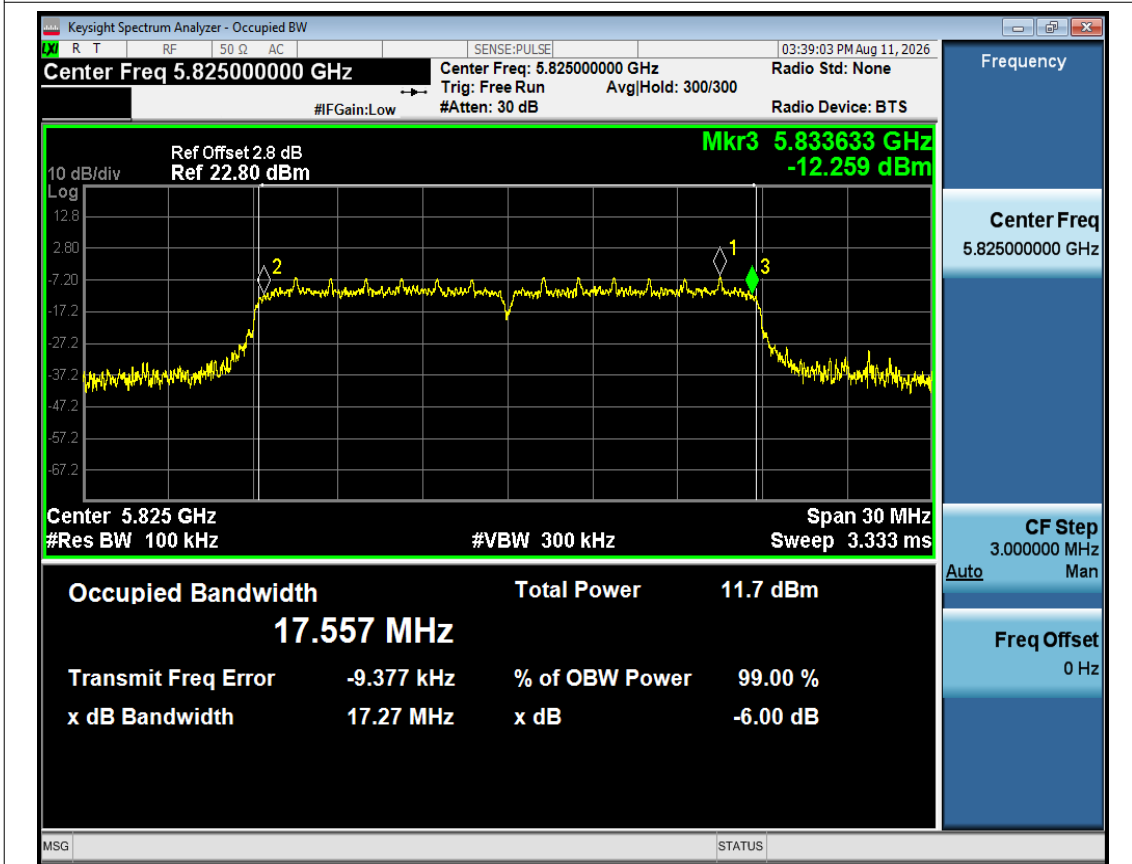
-6dB Bandwidth NVNT a 5825MHz Ant1



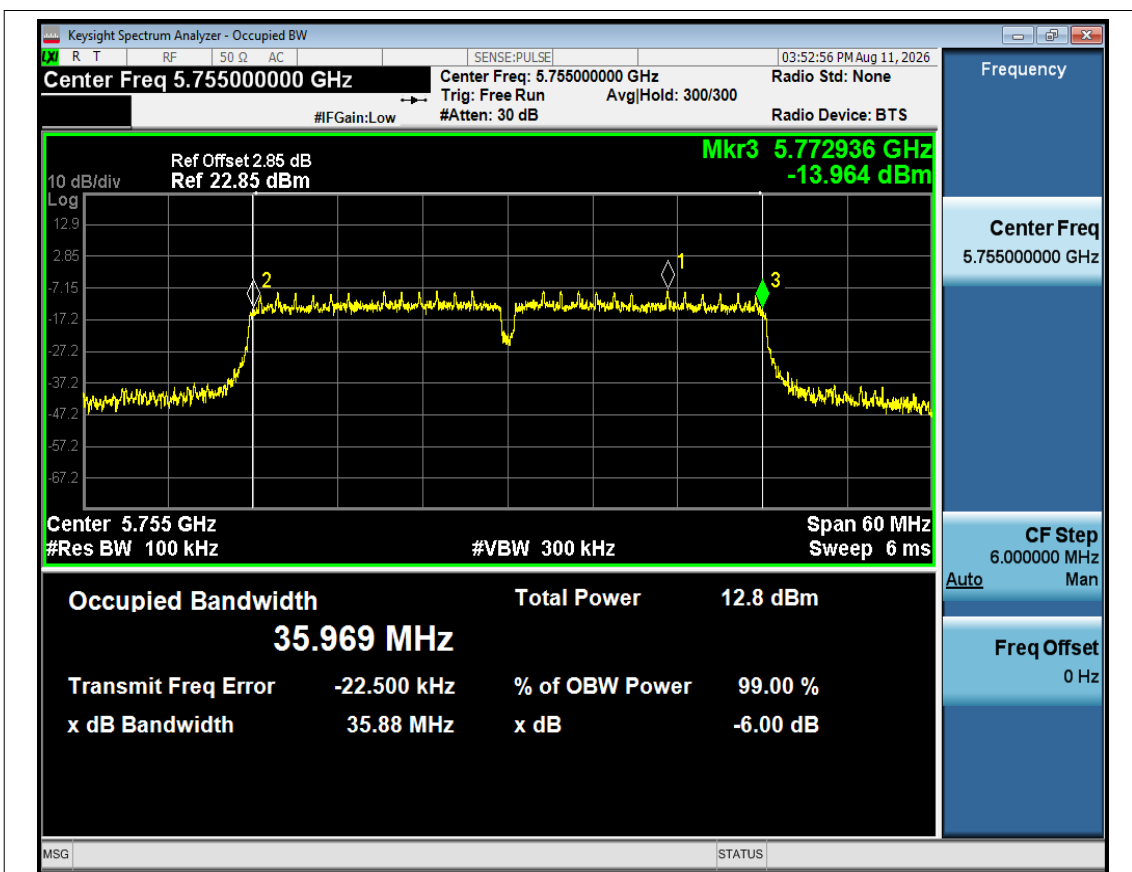
-6dB Bandwidth NVNT n20 5745MHz Ant1



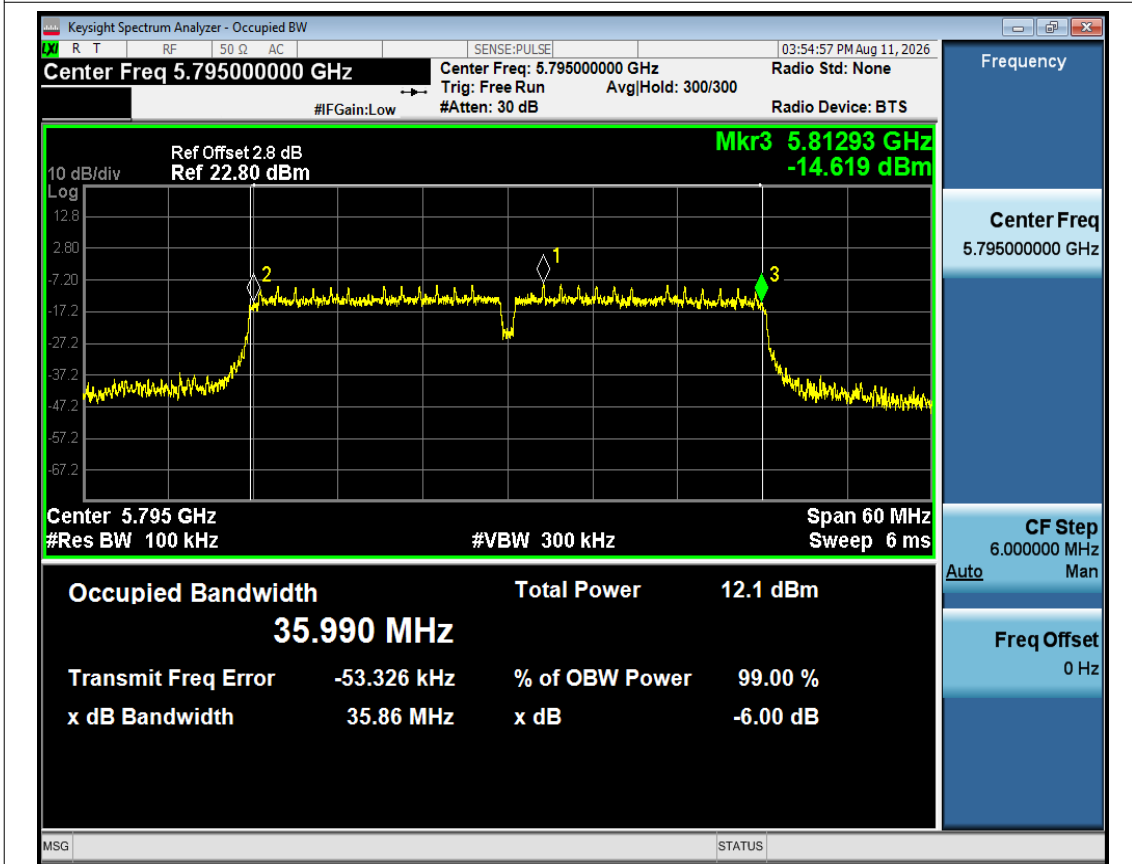
-6dB Bandwidth NVNT n20 5785MHz Ant1



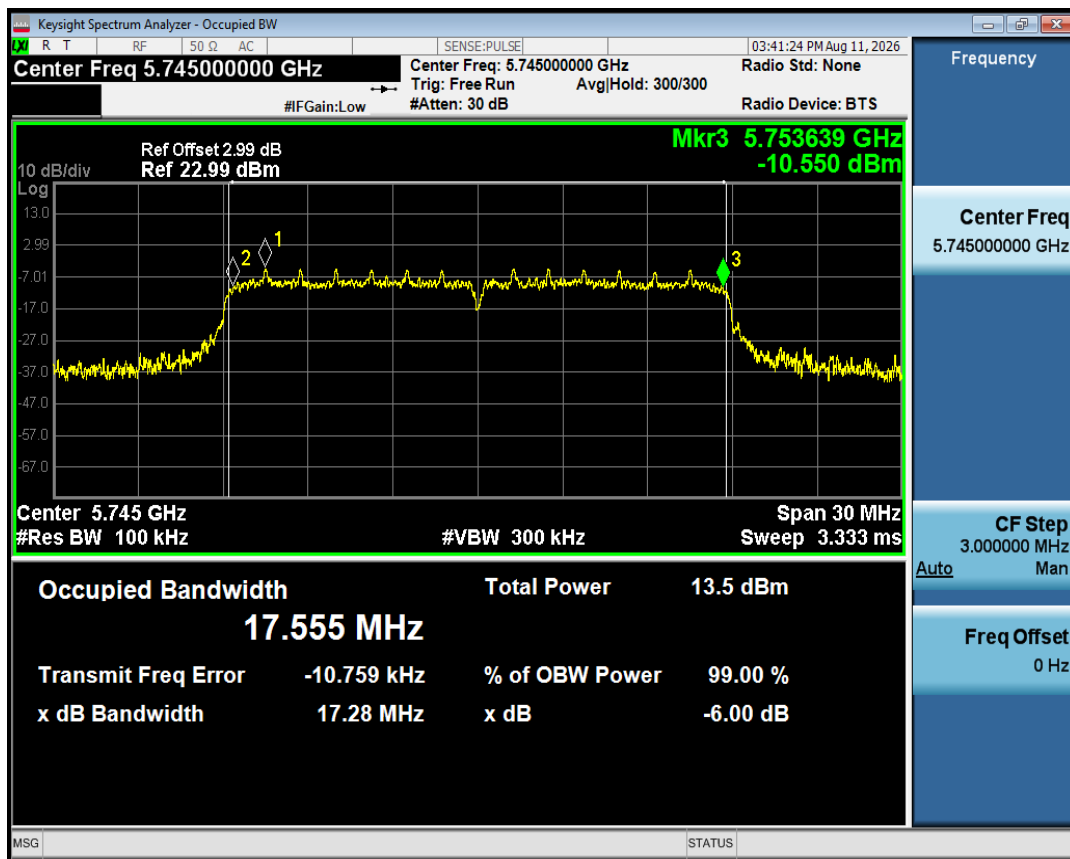
-6dB Bandwidth NVNT n20 5825MHz Ant1



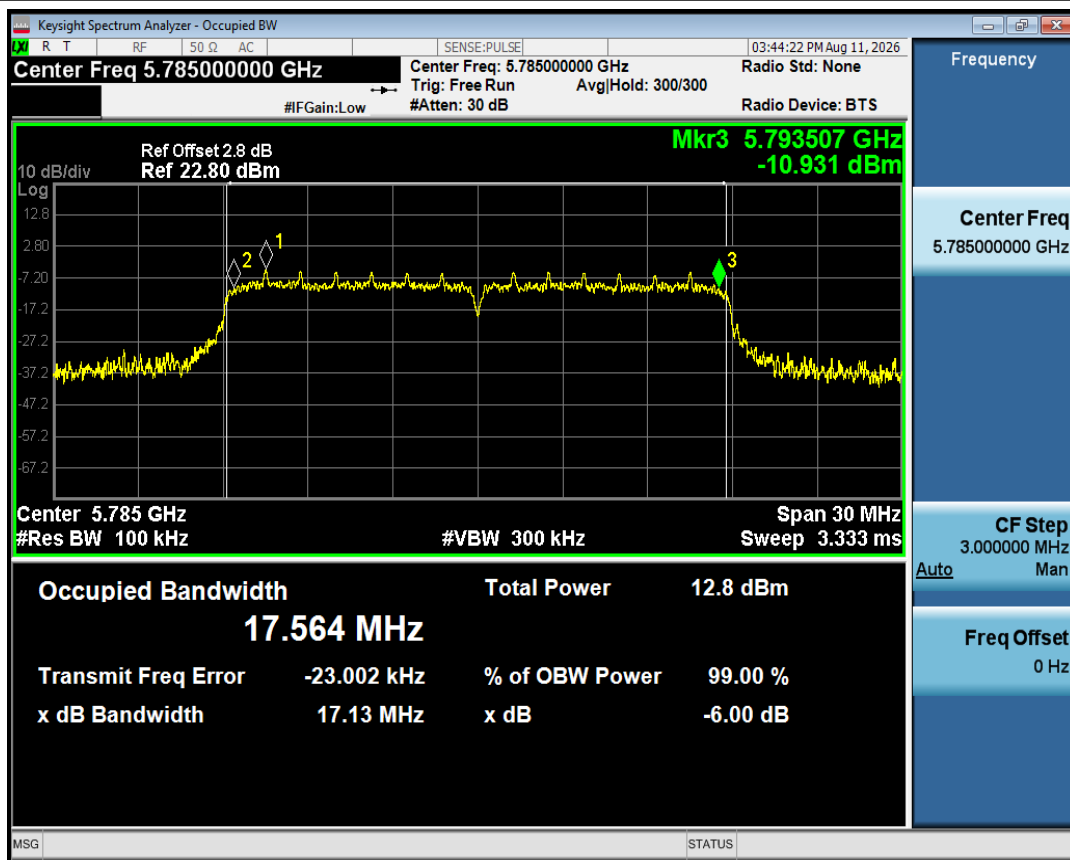
-6dB Bandwidth NVNT n40 5755MHz Ant1



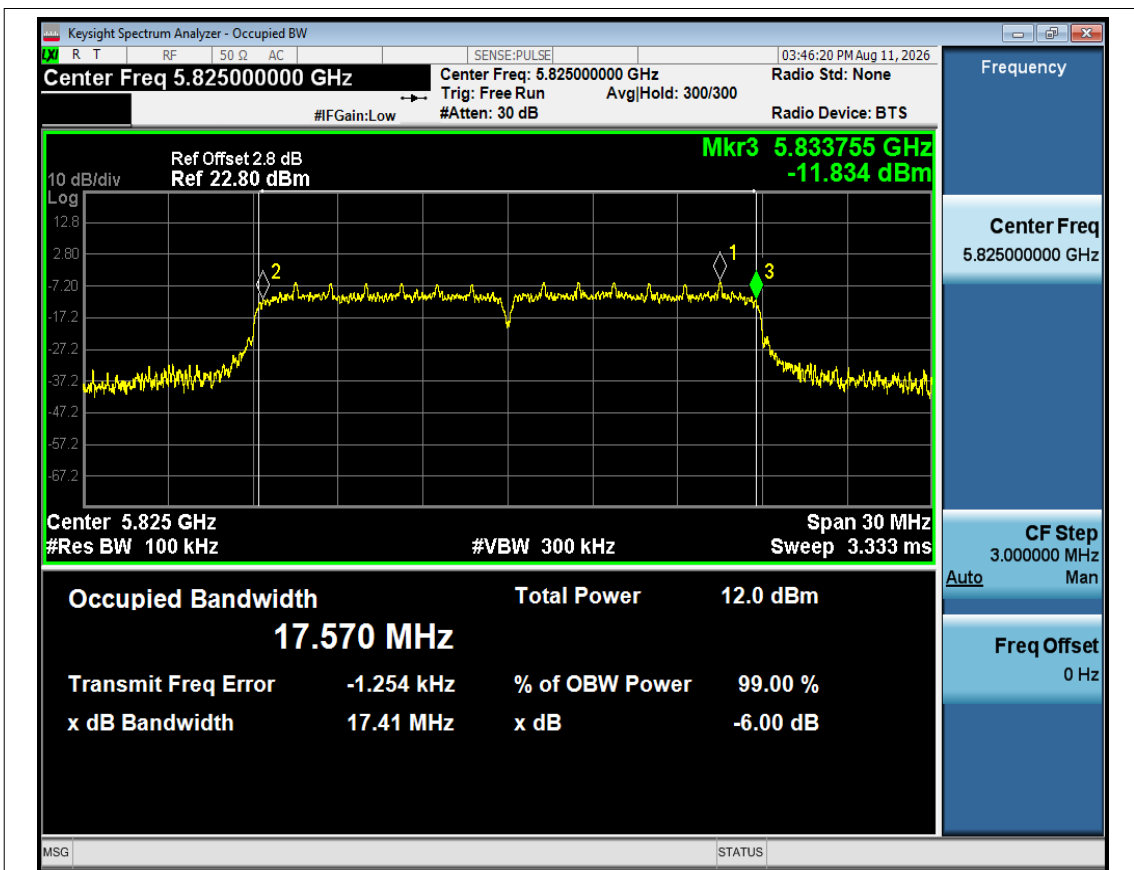
-6dB Bandwidth NVNT n40 5795MHz Ant1



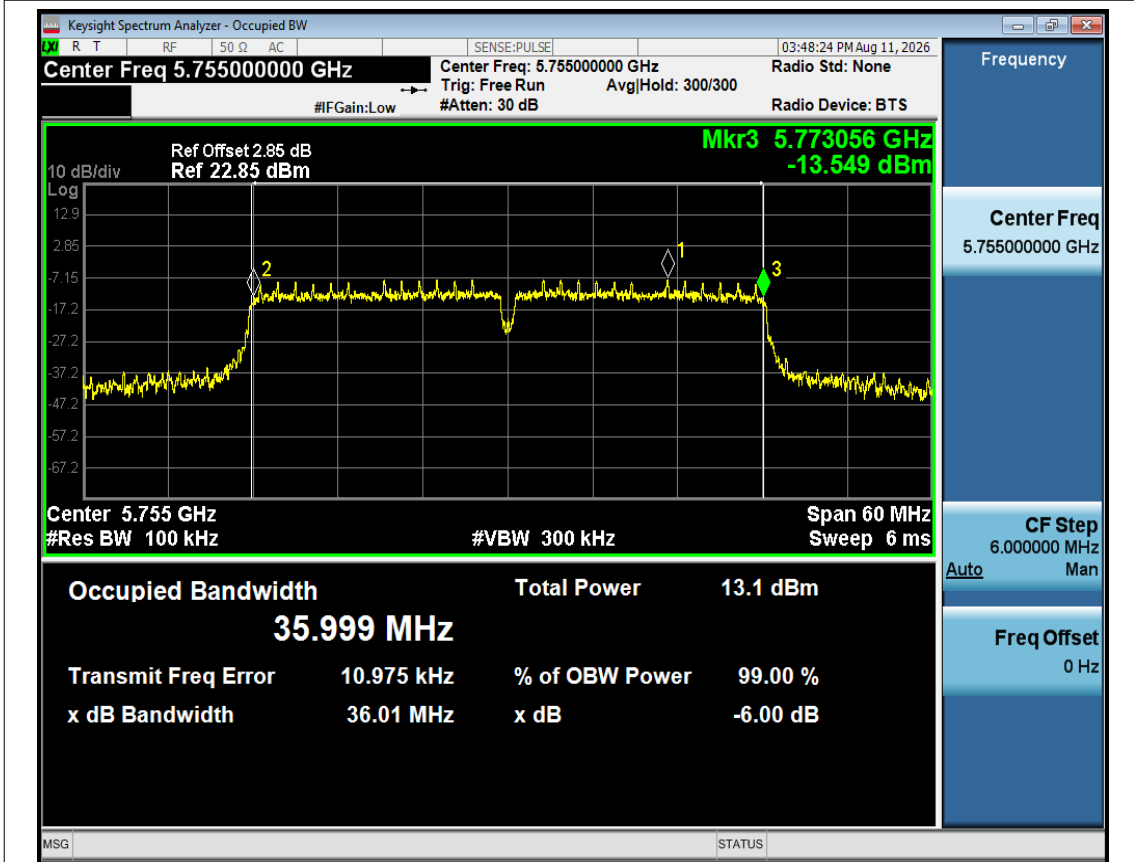
-6dB Bandwidth NVNT ac20 5745MHz Ant1



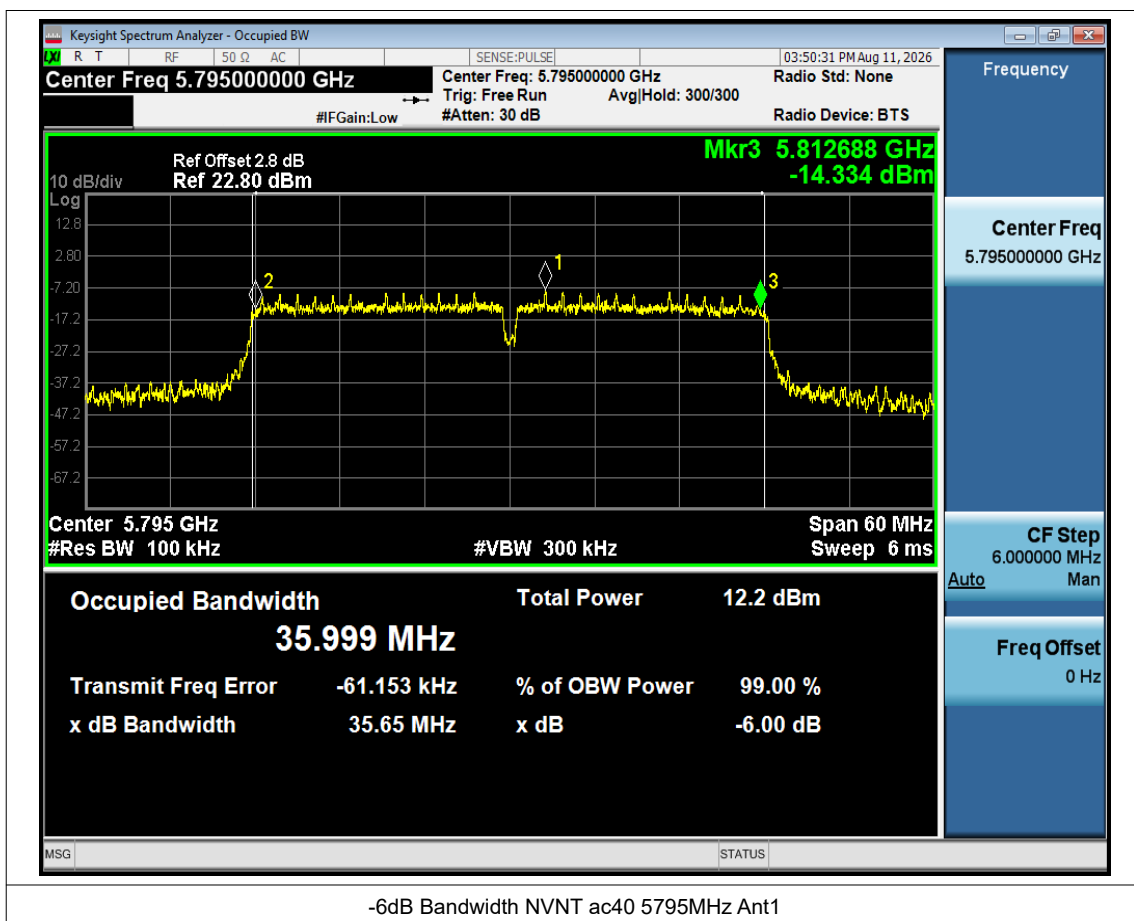
-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1

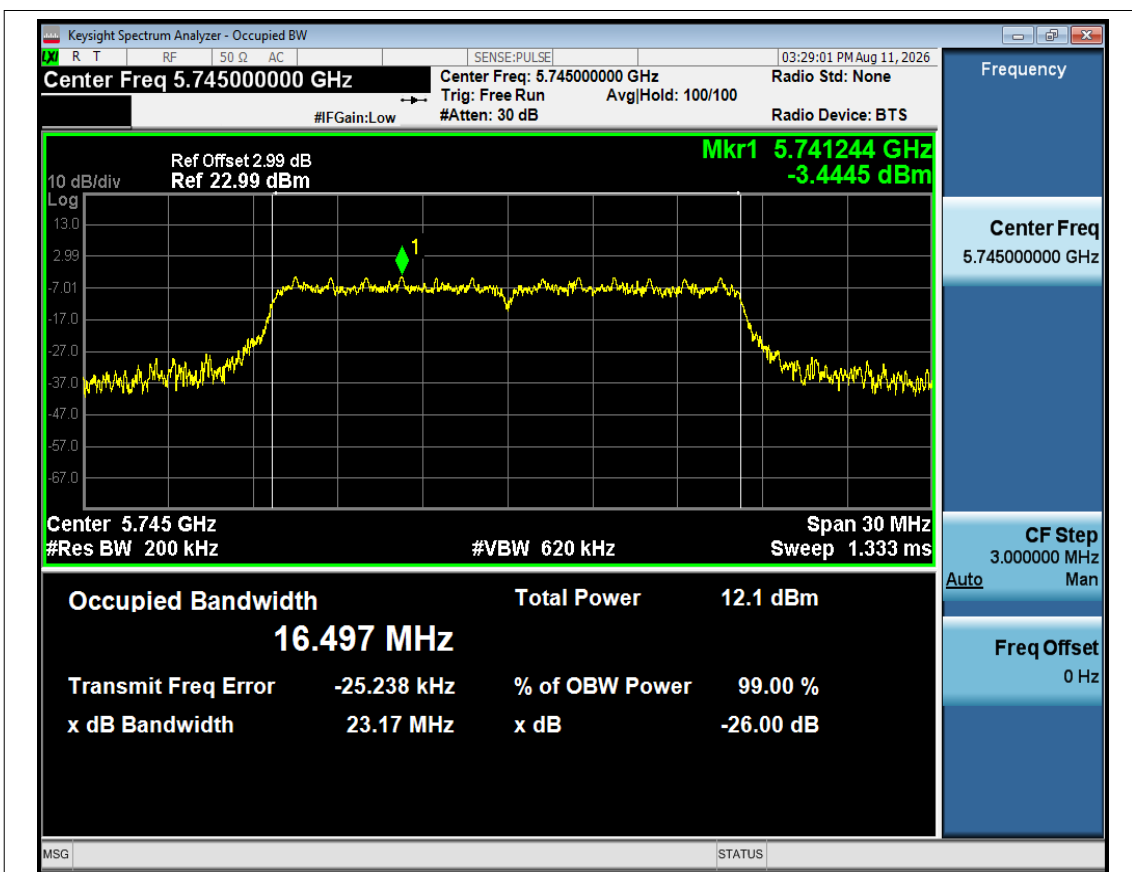


-6dB Bandwidth NVNT ac40 5755MHz Ant1

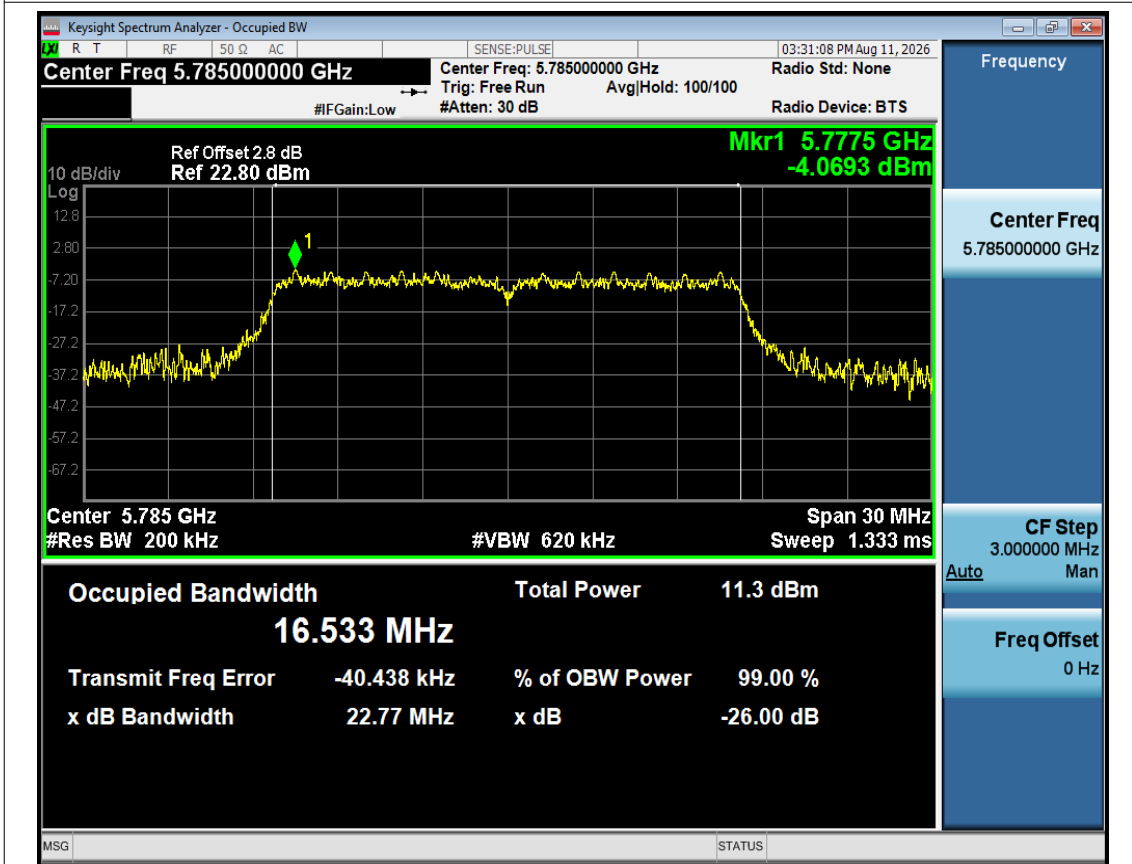


Occupied Channel Bandwidth

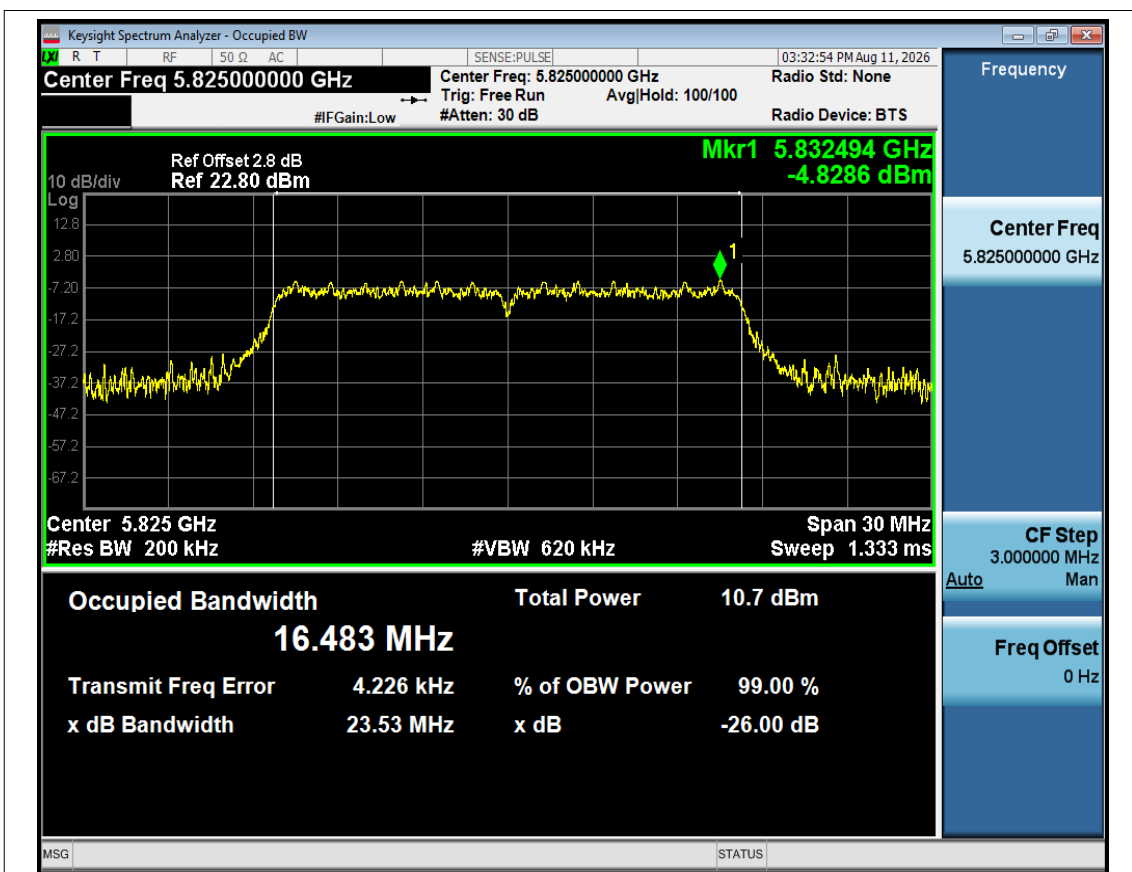
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.497
NVNT	a	5785	Ant1	16.533
NVNT	a	5825	Ant1	16.483
NVNT	n20	5745	Ant1	17.578
NVNT	n20	5785	Ant1	17.617
NVNT	n20	5825	Ant1	17.587
NVNT	n40	5755	Ant1	36.165
NVNT	n40	5795	Ant1	36.146
NVNT	ac20	5745	Ant1	17.584
NVNT	ac20	5785	Ant1	17.598
NVNT	ac20	5825	Ant1	17.579
NVNT	ac40	5755	Ant1	36.272
NVNT	ac40	5795	Ant1	36.161



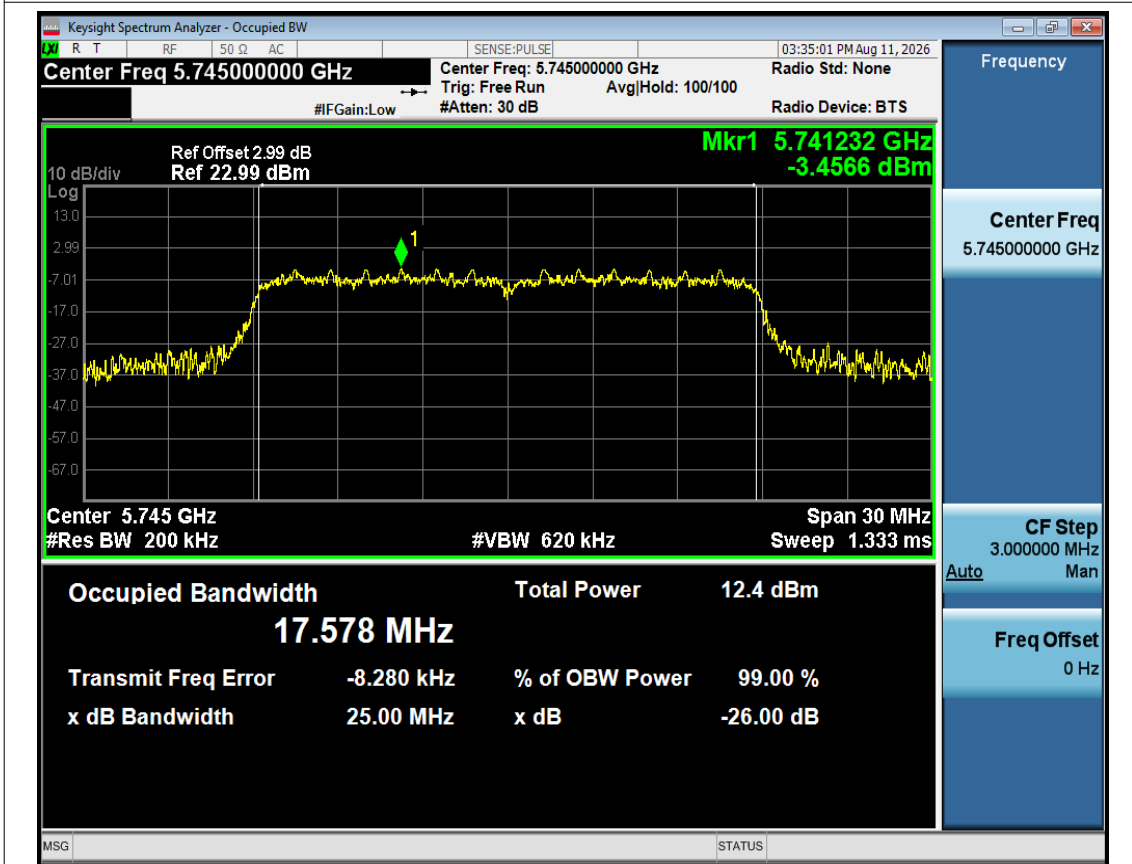
OBW NVNT a 5745MHz Ant1



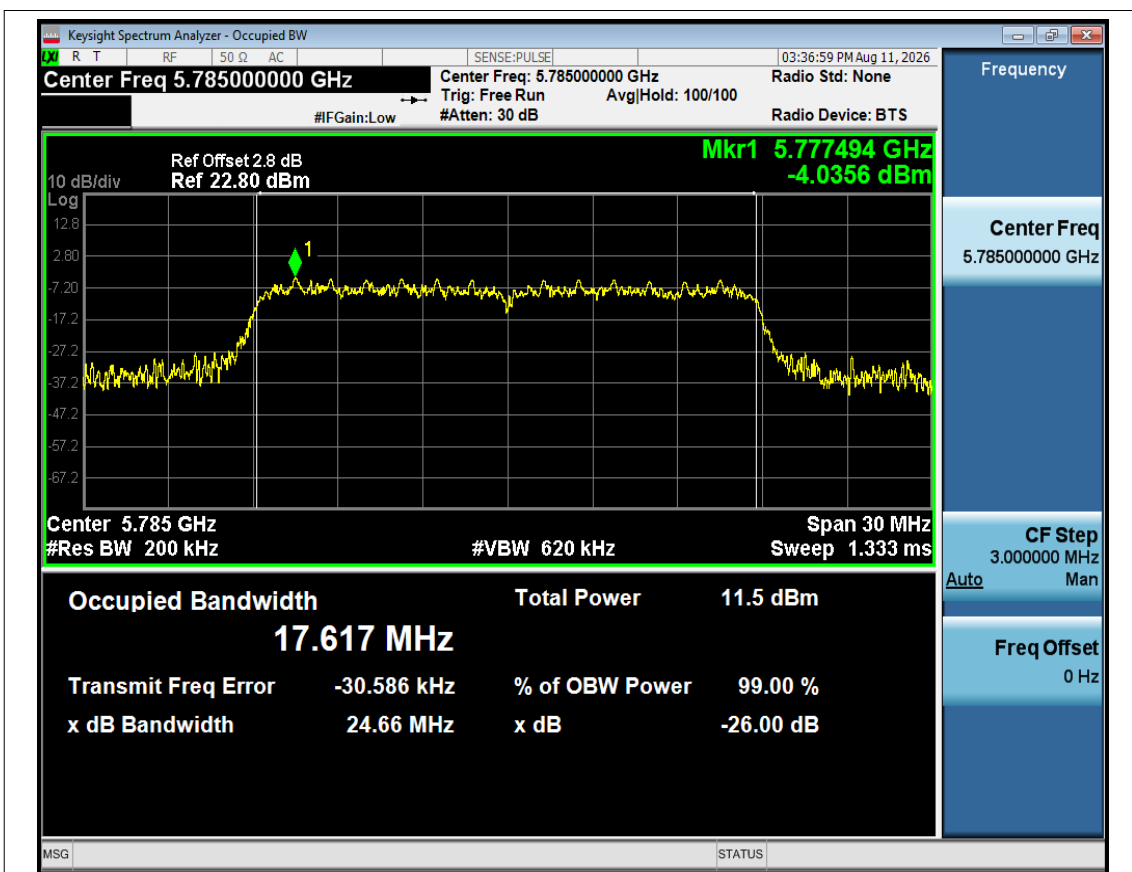
OBW NVNT a 5785MHz Ant1



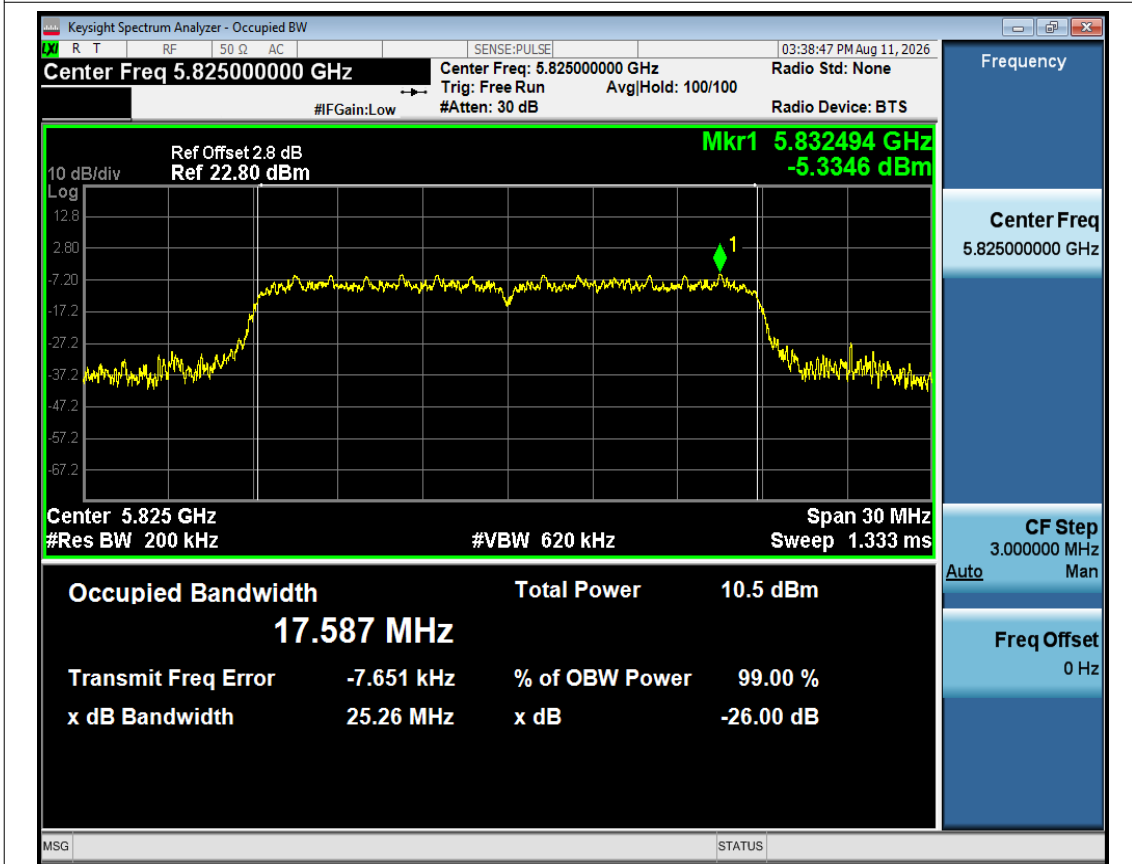
OBW NVNT a 5825MHz Ant1



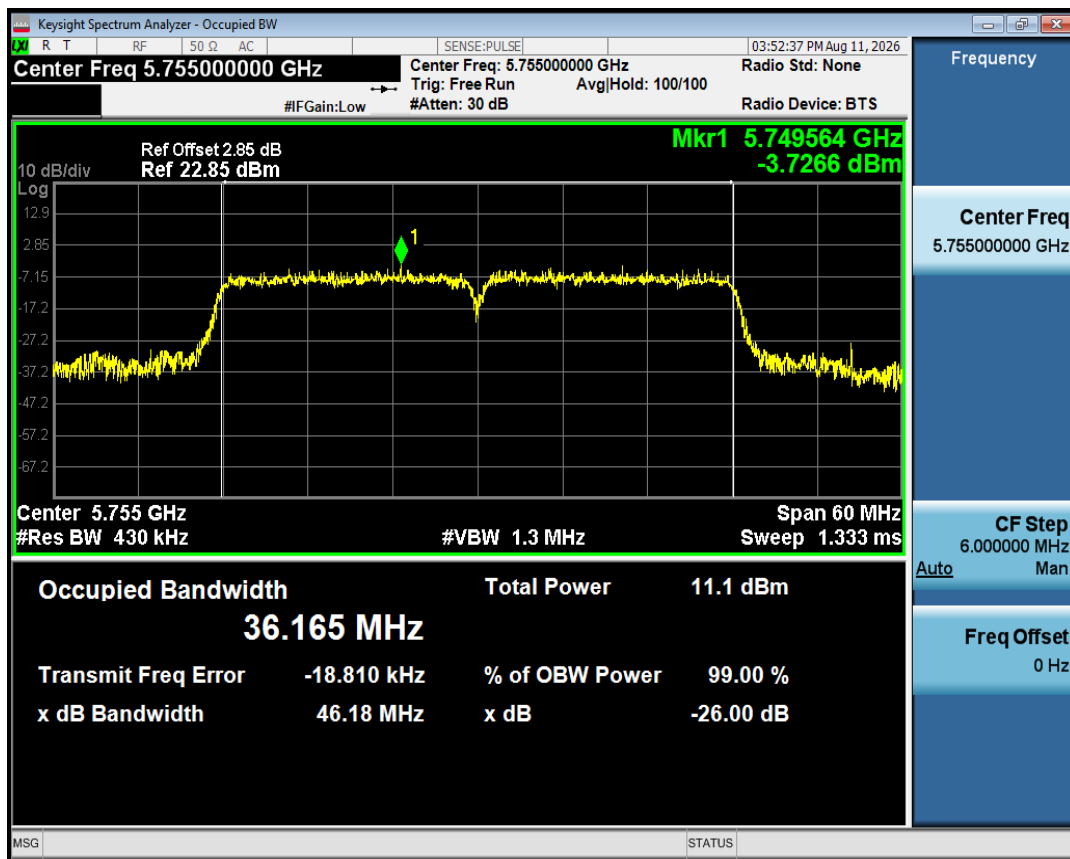
OBW NVNT n20 5745MHz Ant1



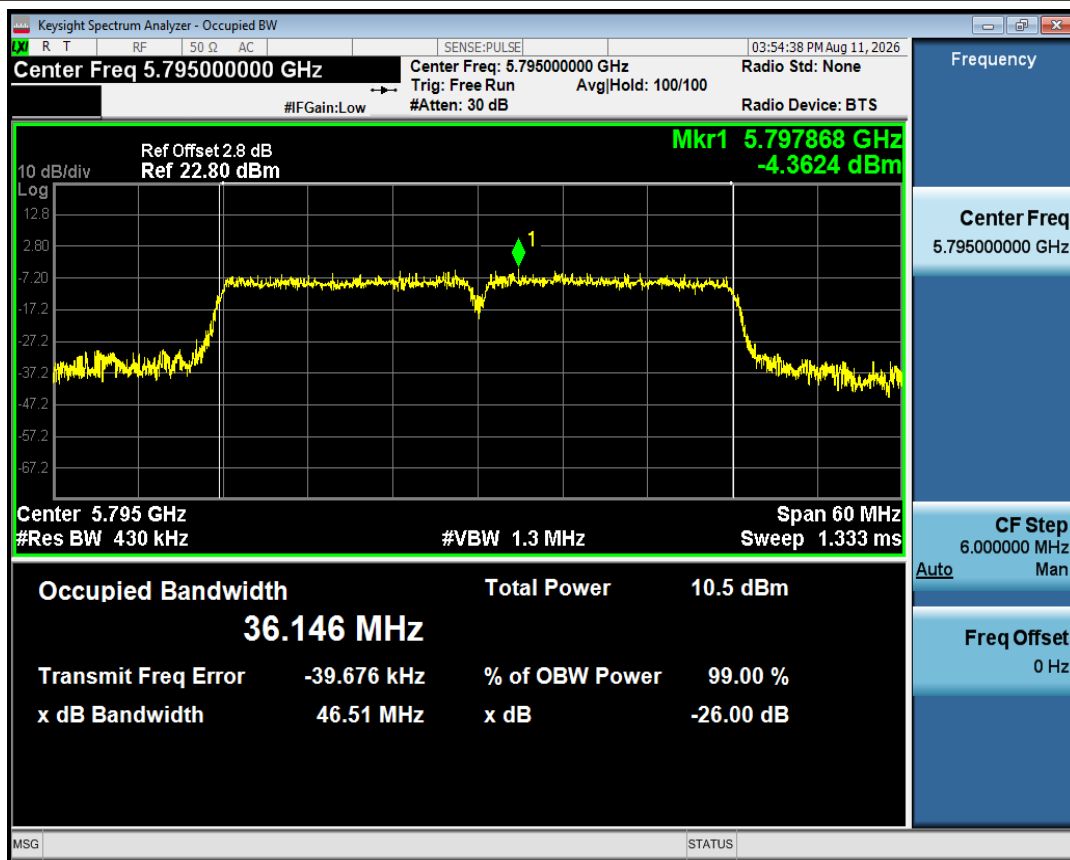
OBW NVNT n20 5785MHz Ant1



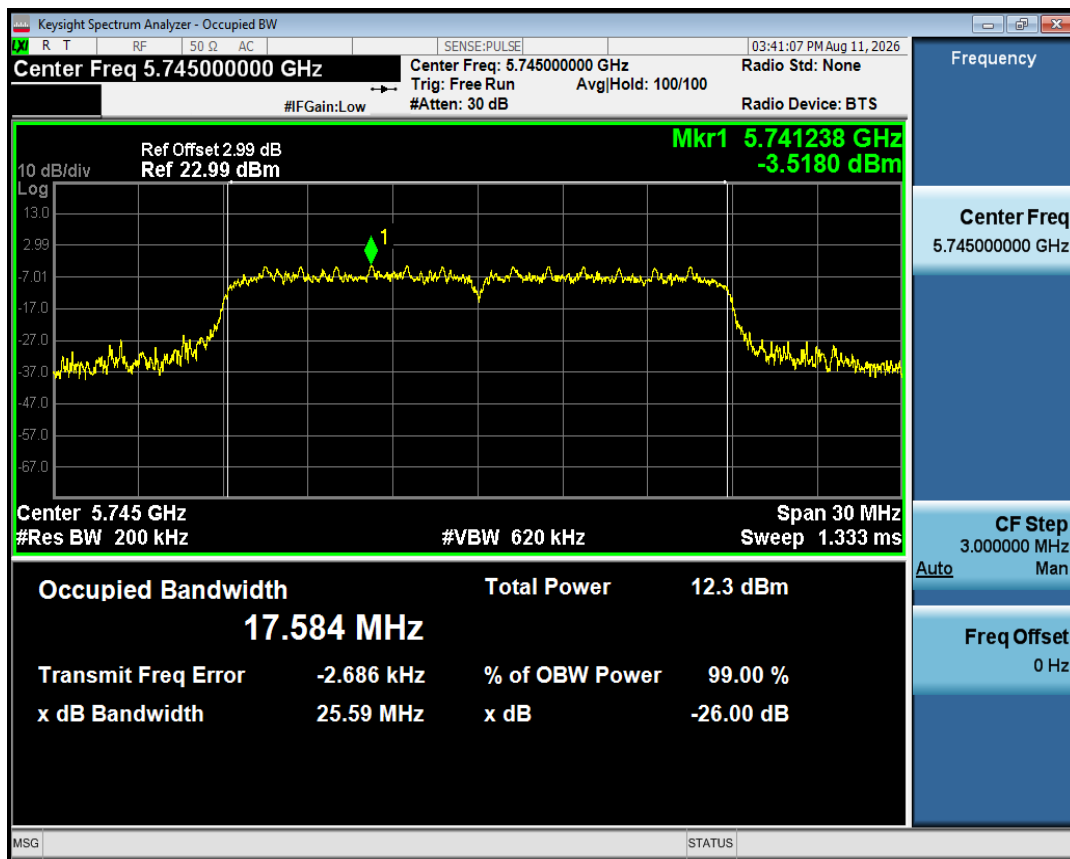
OBW NVNT n20 5825MHz Ant1



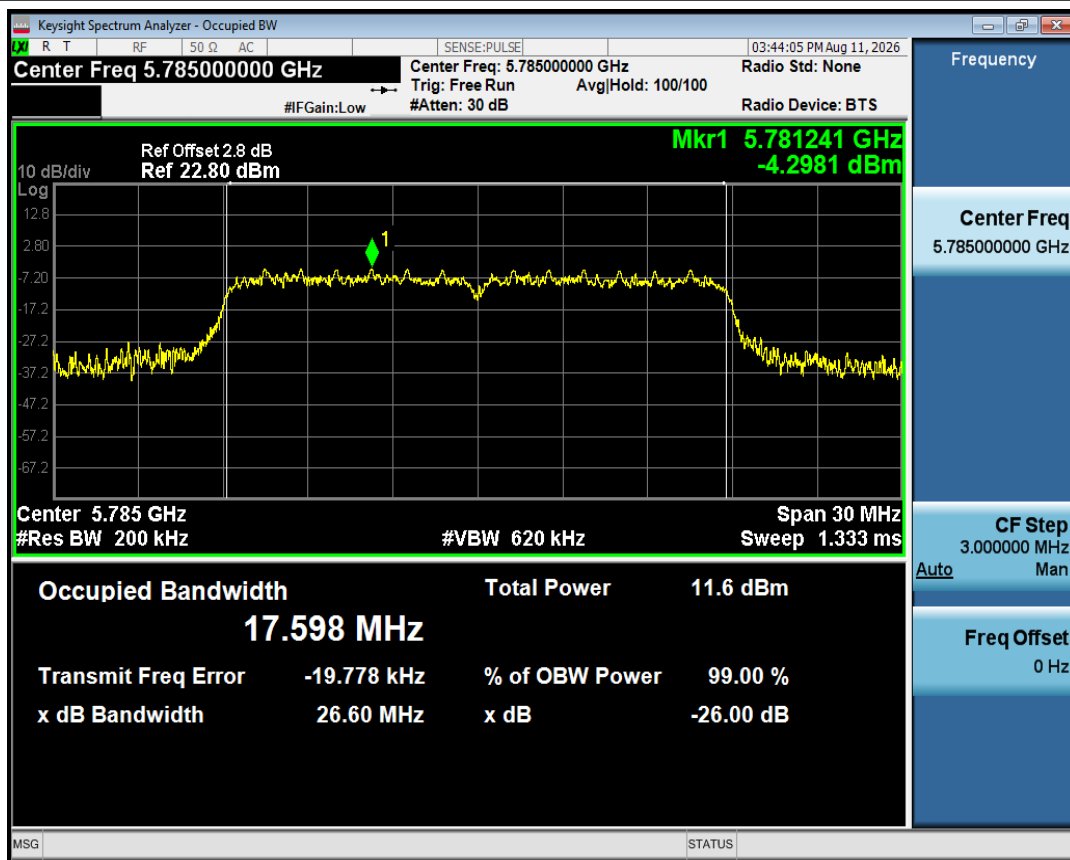
OBW NVNT n40 5755MHz Ant1



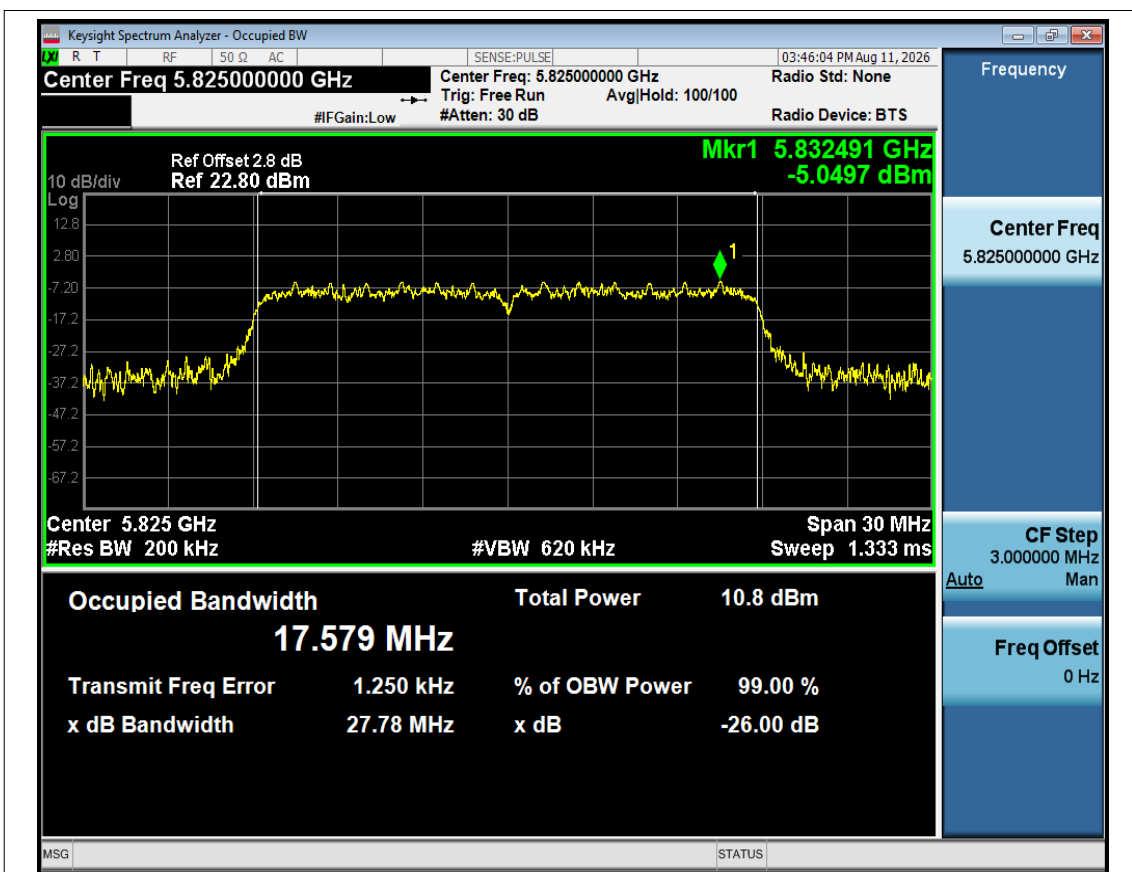
OBW NVNT n40 5795MHz Ant1



OBW NVNT ac20 5745MHz Ant1



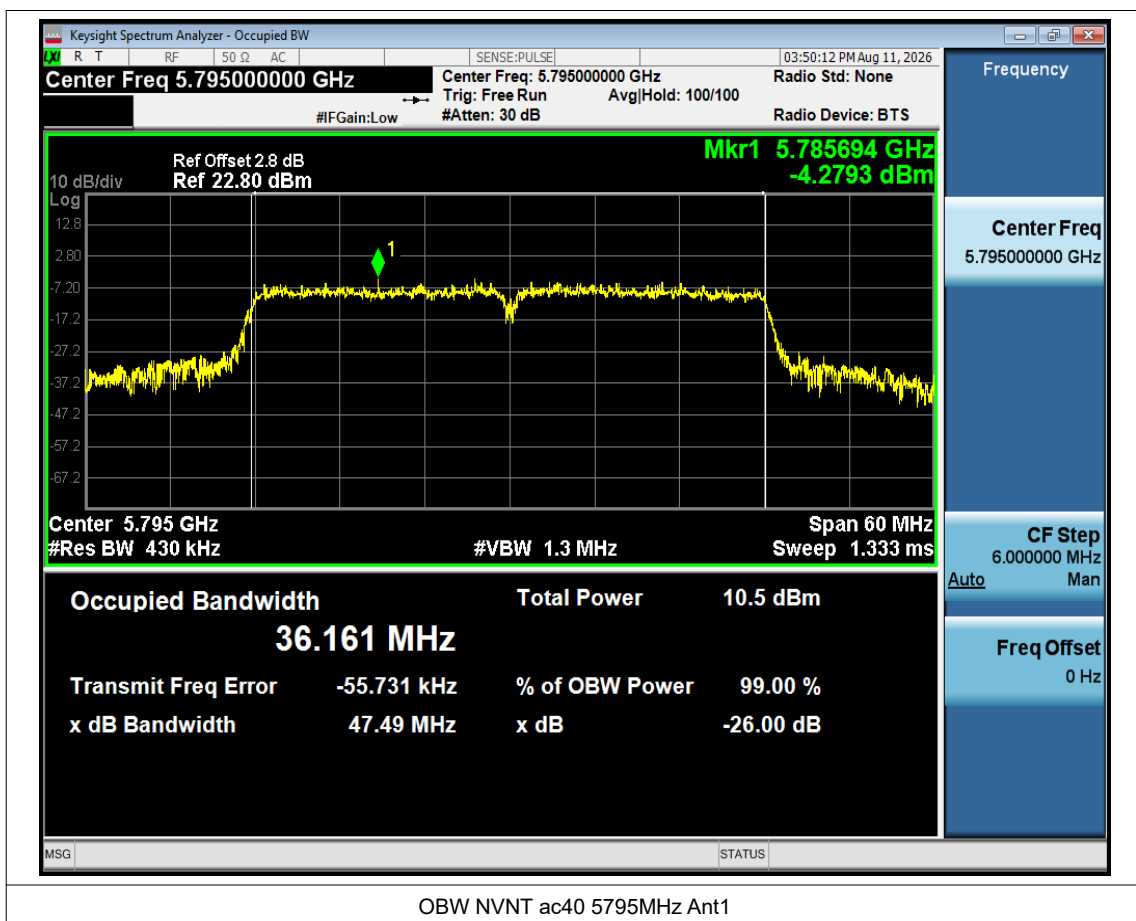
OBW NVNT ac20 5785MHz Ant1



OBW NVNT ac20 5825MHz Ant1



OBW NVNT ac40 5755MHz Ant1



Maximum Power Spectral Density Level

Condi tion	Mod e	Freq uenc y (MHz)	Ante nna	Conduct ed PSD (dBm/51 0kHz)	RB W Fac tor (dB)	Conduct ed PSD (dBm/50 0kHz)	Dut y Fac tor (dB)	Total Conduct ed PSD (dBm/50 0kHz)	Limit Conducted(dBm /500kHz)	Verd ict
NVNT	a	5745	Ant1	-9.31	0.09	-9.4	2.43	-6.97	30	Pass
NVNT	a	5785	Ant1	-10.33	0.09	-10.42	2.43	-7.99	30	Pass
NVNT	a	5825	Ant1	-10.98	0.09	-11.07	2.43	-8.64	30	Pass
NVNT	n20	5745	Ant1	-9.43	0.09	-9.52	2.6	-6.92	30	Pass
NVNT	n20	5785	Ant1	-10.15	0.09	-10.24	2.43	-7.81	30	Pass
NVNT	n20	5825	Ant1	-10.92	0.09	-11.01	2.6	-8.41	30	Pass
NVNT	n40	5755	Ant1	-13.82	0.09	-13.91	3.27	-10.64	30	Pass
NVNT	n40	5795	Ant1	-14.25	0.09	-14.34	3.27	-11.07	30	Pass
NVNT	ac20	5745	Ant1	-9.43	0.09	-9.52	2.28	-7.24	30	Pass
NVNT	ac20	5785	Ant1	-10.03	0.09	-10.12	2.43	-7.69	30	Pass
NVNT	ac20	5825	Ant1	-10.83	0.09	-10.92	2.28	-8.64	30	Pass
NVNT	ac40	5755	Ant1	-13.46	0.09	-13.55	3.27	-10.28	30	Pass
NVNT	ac40	5795	Ant1	-14.05	0.09	-14.14	3.27	-10.87	30	Pass

Note:

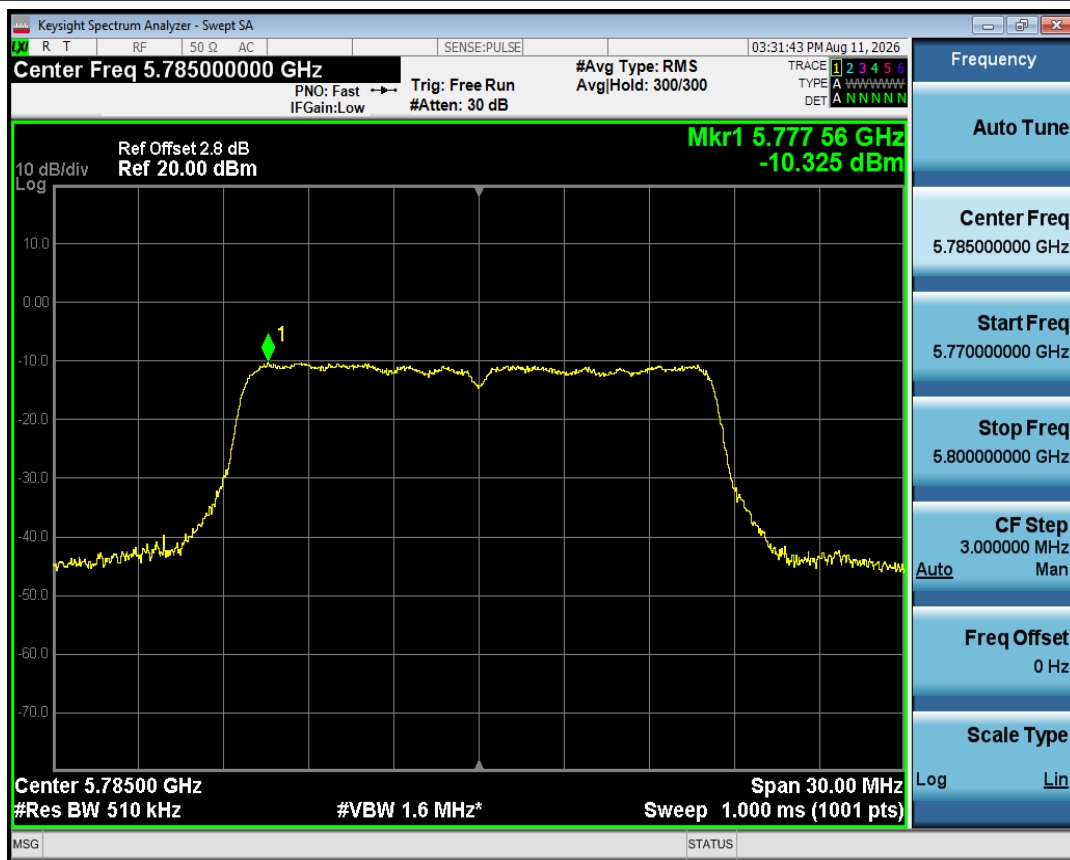
$RBW\ Factor = 10\log_{10}(RBW=510KHz / RBW=500KHz)$

$PSD_{RBW=500KHz} = (PSD_{RBW=510KHz}) - (10\log_{10}(RBW=510KHz / RBW=500KHz))$

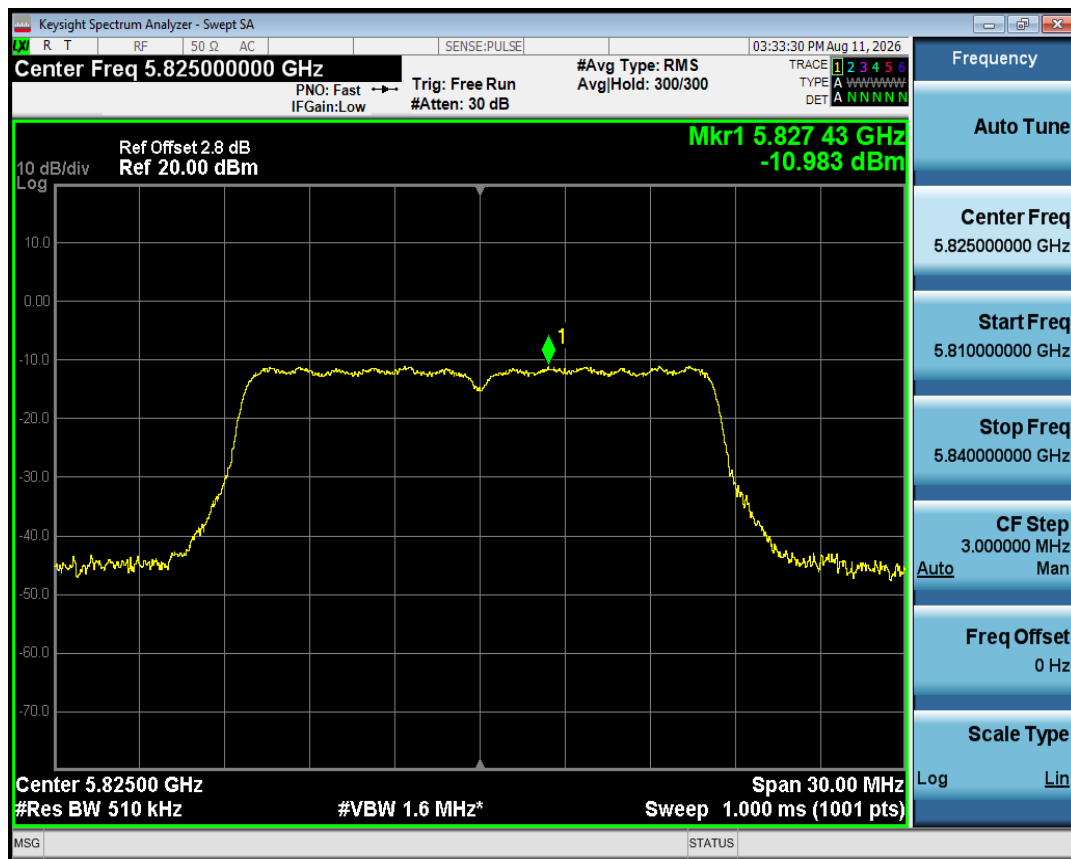
Total PSD= Conducted PSD+Duty Factor



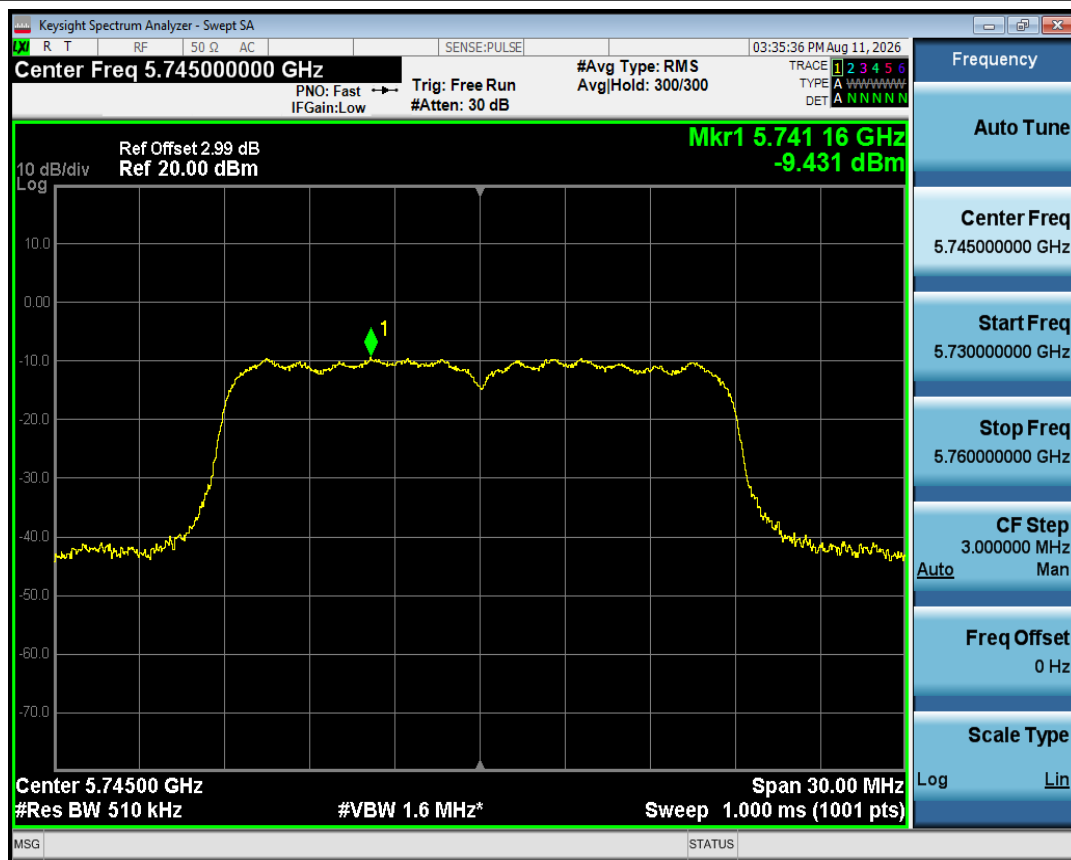
PSD NVNT a 5745MHz Ant1



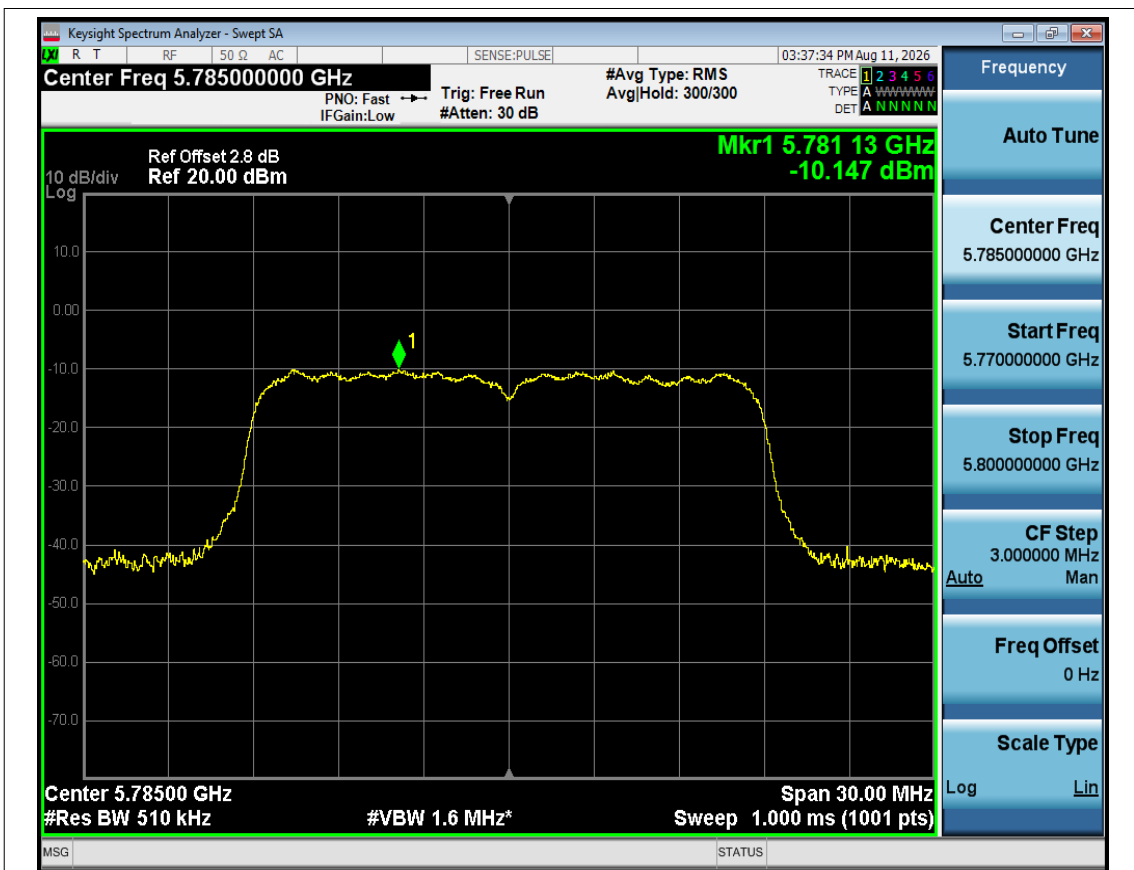
PSD NVNT a 5785MHz Ant1



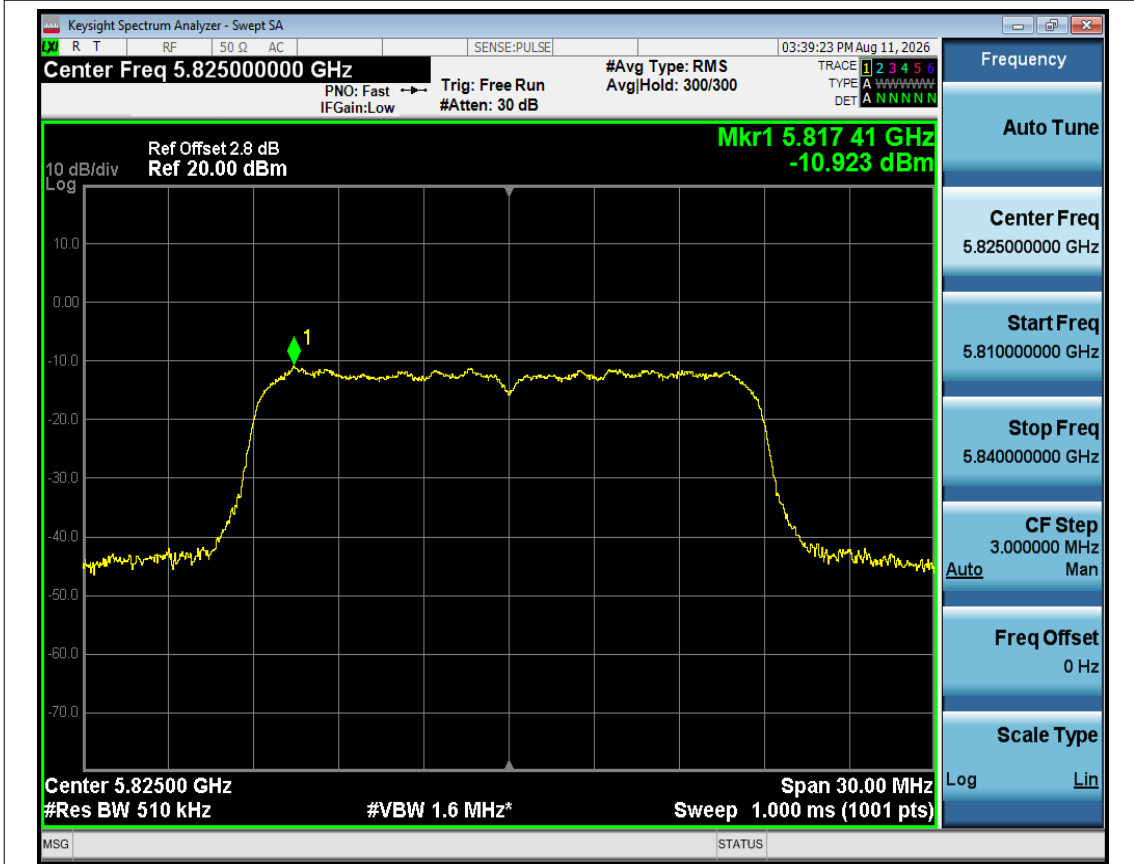
PSD NVNT a 5825MHz Ant1



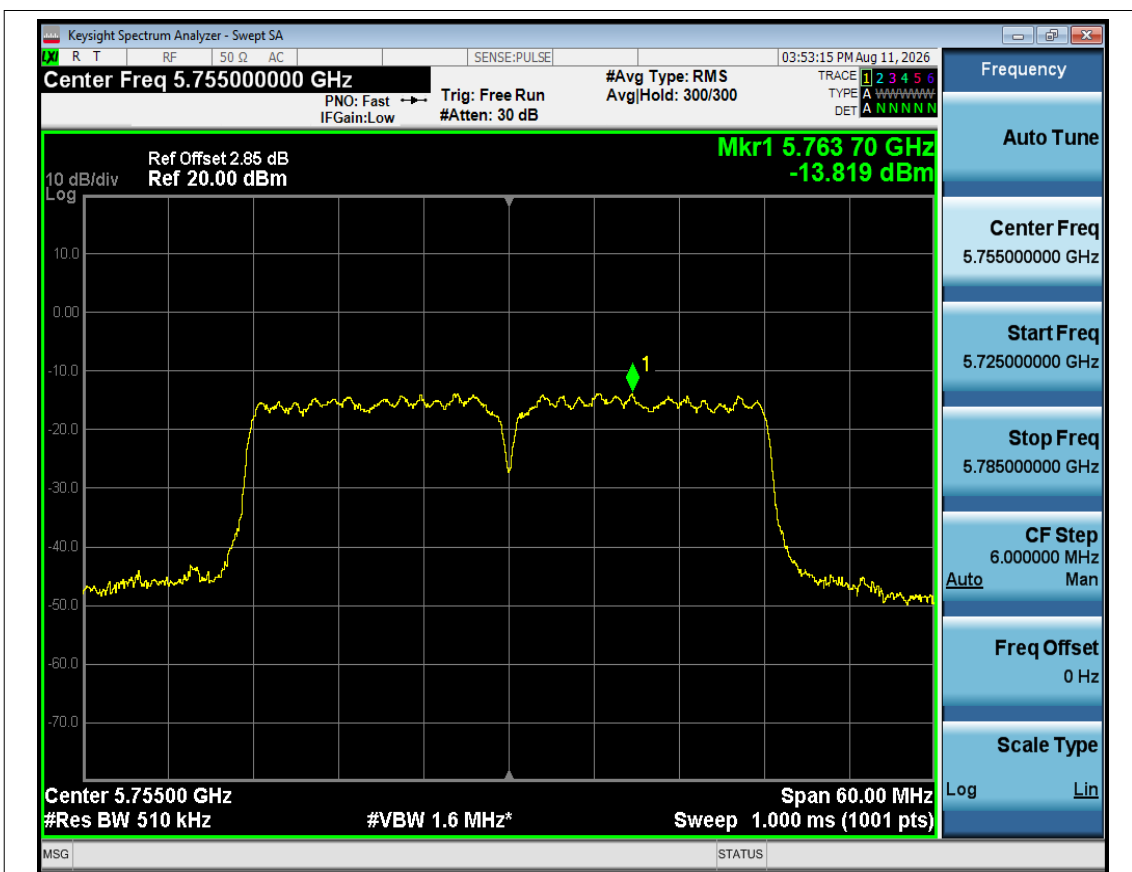
PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5785MHz Ant1



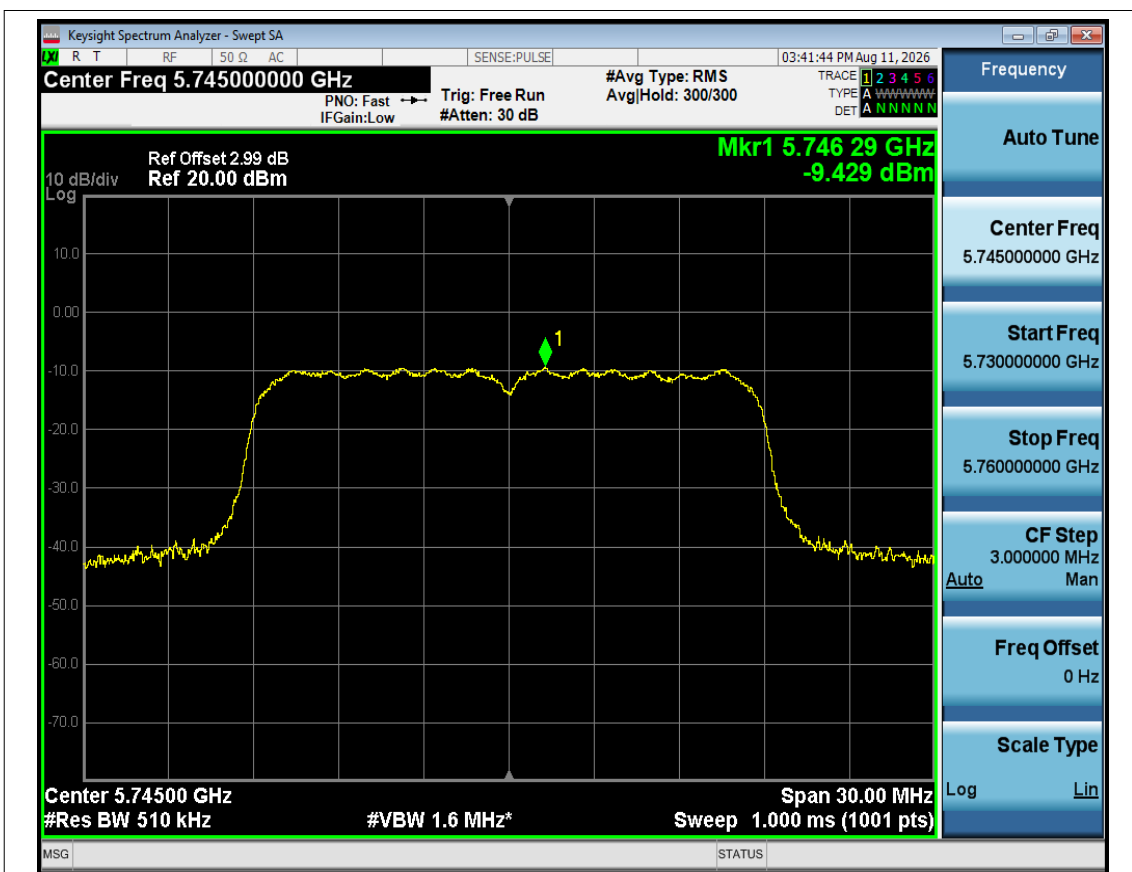
PSD NVNT n20 5825MHz Ant1



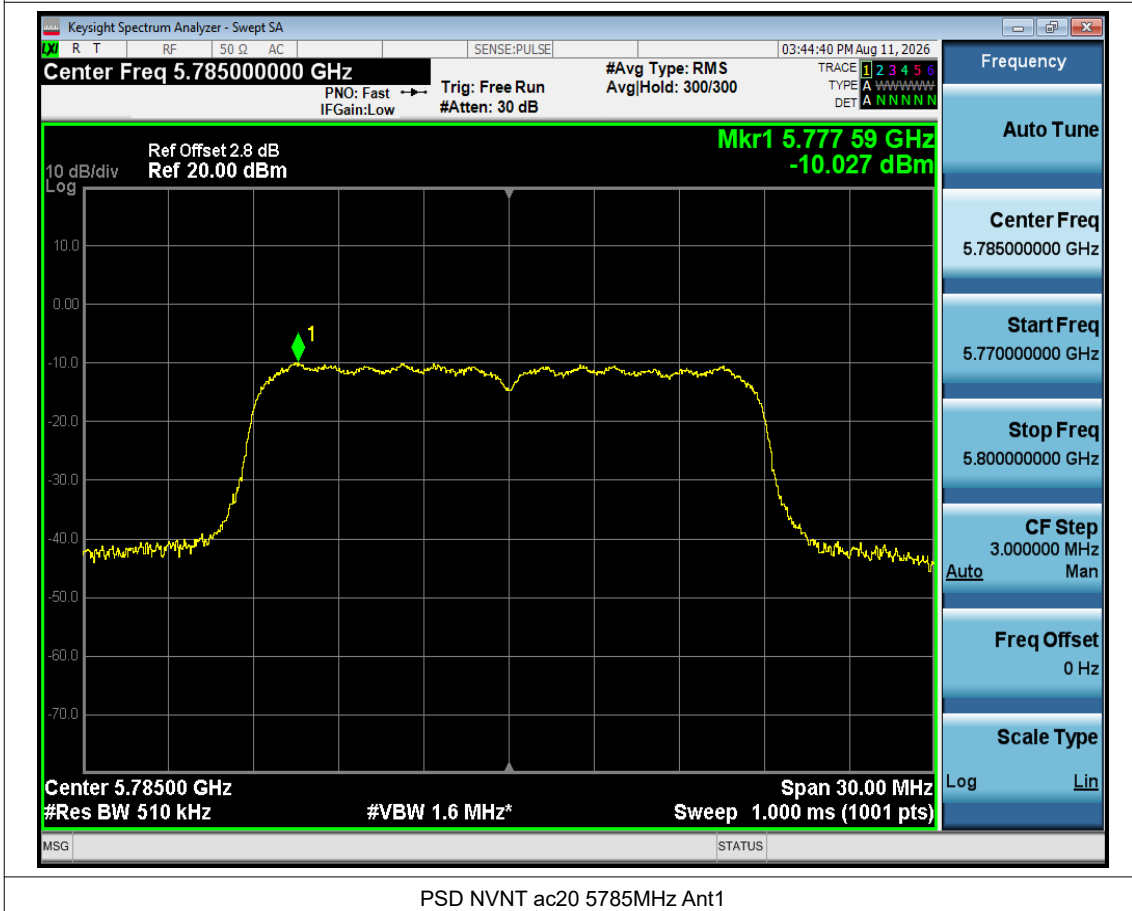
PSD NVNT n40 5755MHz Ant1



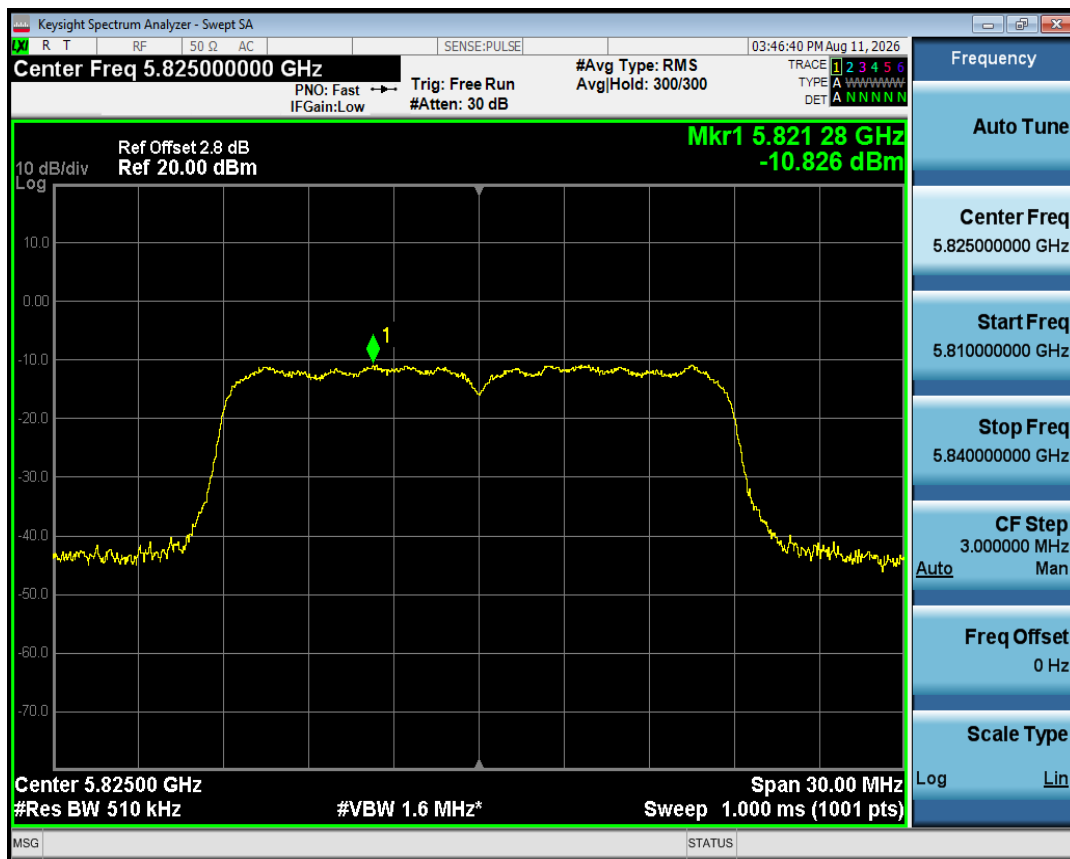
PSD NVNT n40 5795MHz Ant1



PSD NVNT ac20 5745MHz Ant1



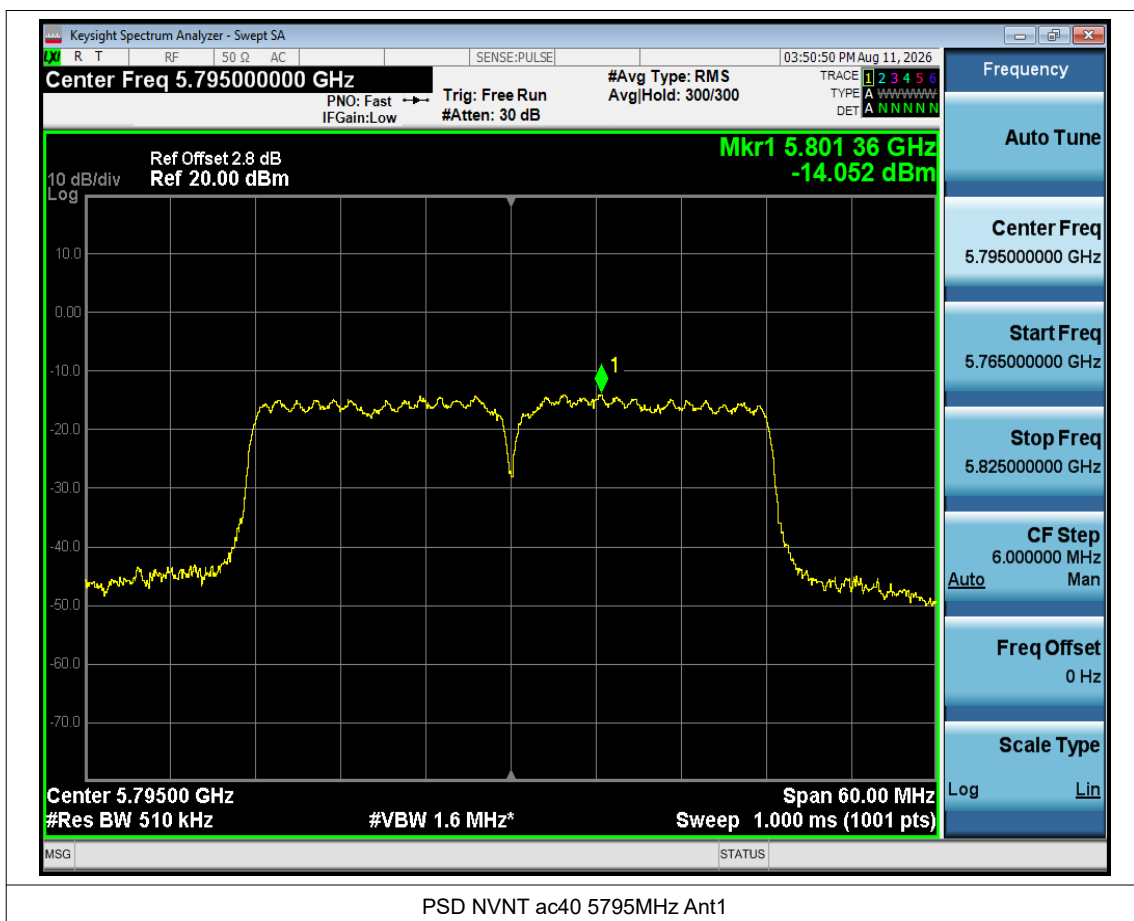
PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5825MHz Ant1

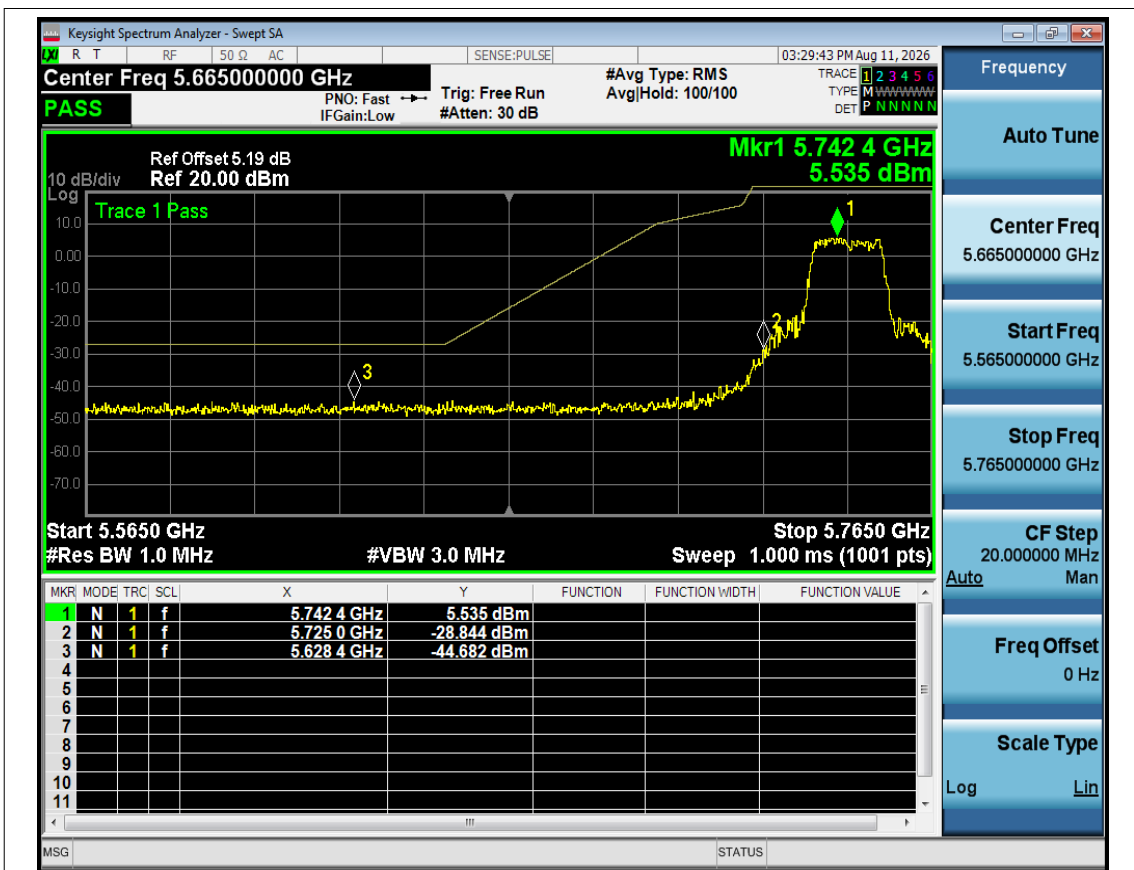


PSD NVNT ac40 5755MHz Ant1

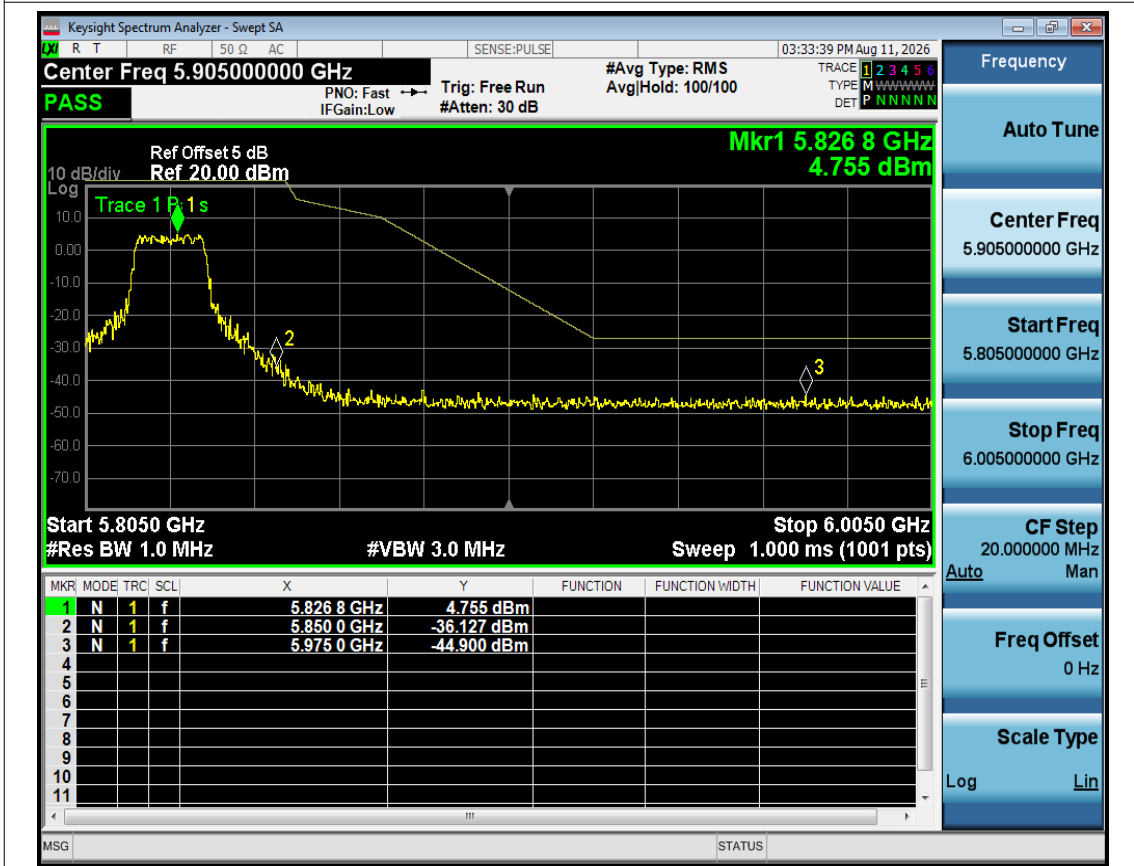


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-44.68	See test Graph	Pass
NVNT	a	5825	Ant1	-44.9	See test Graph	Pass
NVNT	n20	5745	Ant1	-44.47	See test Graph	Pass
NVNT	n20	5825	Ant1	-44.24	See test Graph	Pass
NVNT	n40	5755	Ant1	-43.53	See test Graph	Pass
NVNT	n40	5795	Ant1	-44.43	See test Graph	Pass
NVNT	ac20	5745	Ant1	-44.13	See test Graph	Pass
NVNT	ac20	5825	Ant1	-44.14	See test Graph	Pass
NVNT	ac40	5755	Ant1	-44.89	See test Graph	Pass
NVNT	ac40	5795	Ant1	-44.01	See test Graph	Pass



Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1



Band Edge NVNT n20 5745MHz Low Ant1



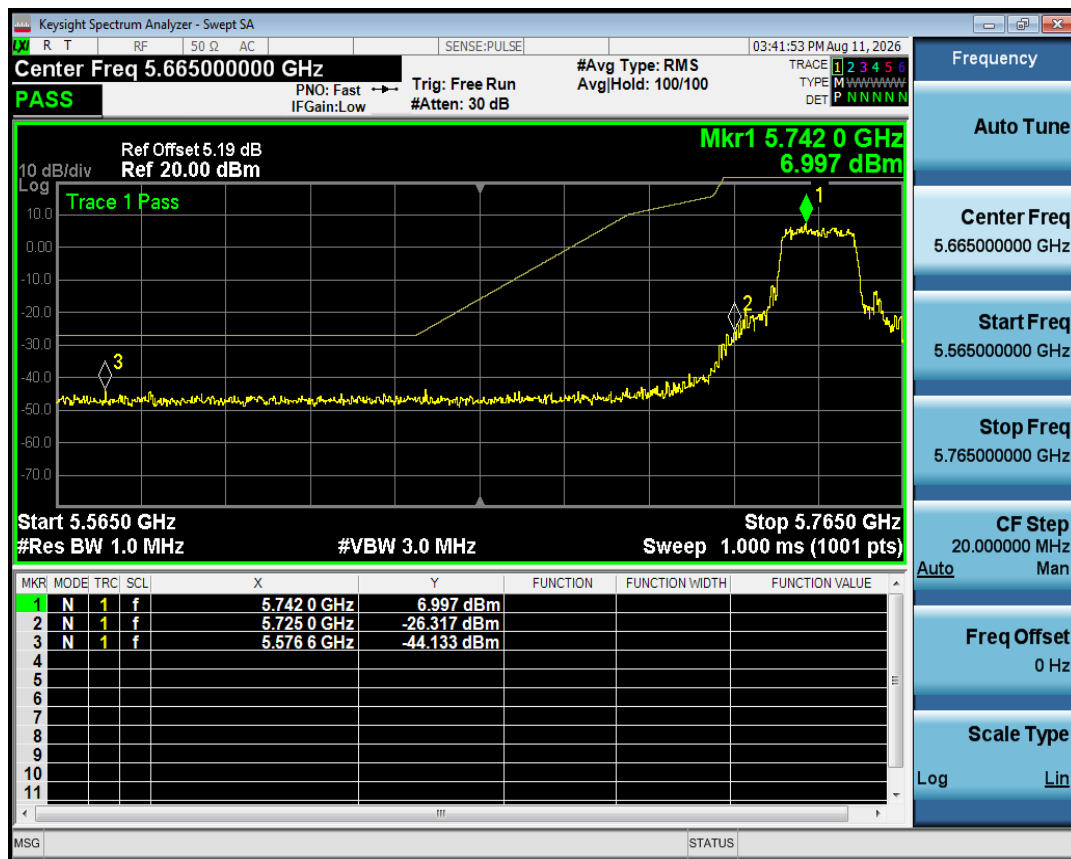
Band Edge NVNT n20 5825MHz High Ant1



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



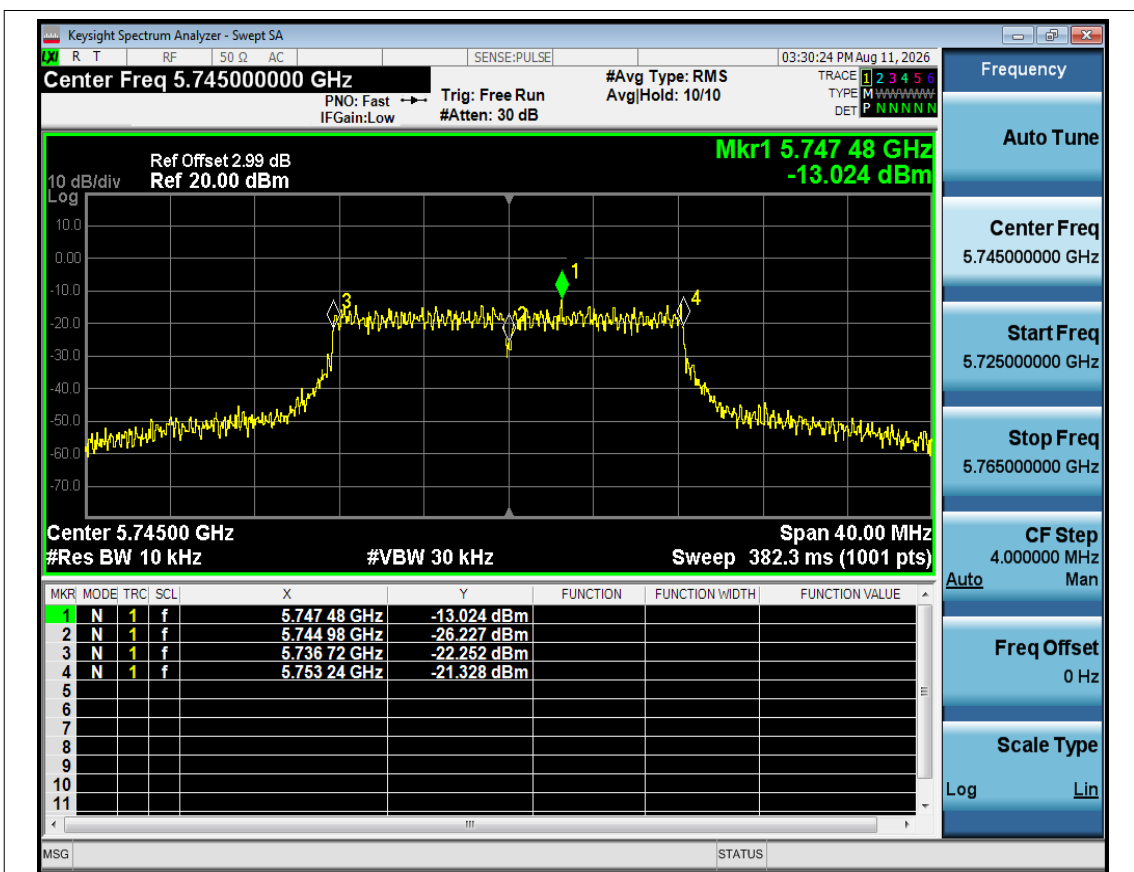
Band Edge NVNT ac40 5755MHz Low Ant1



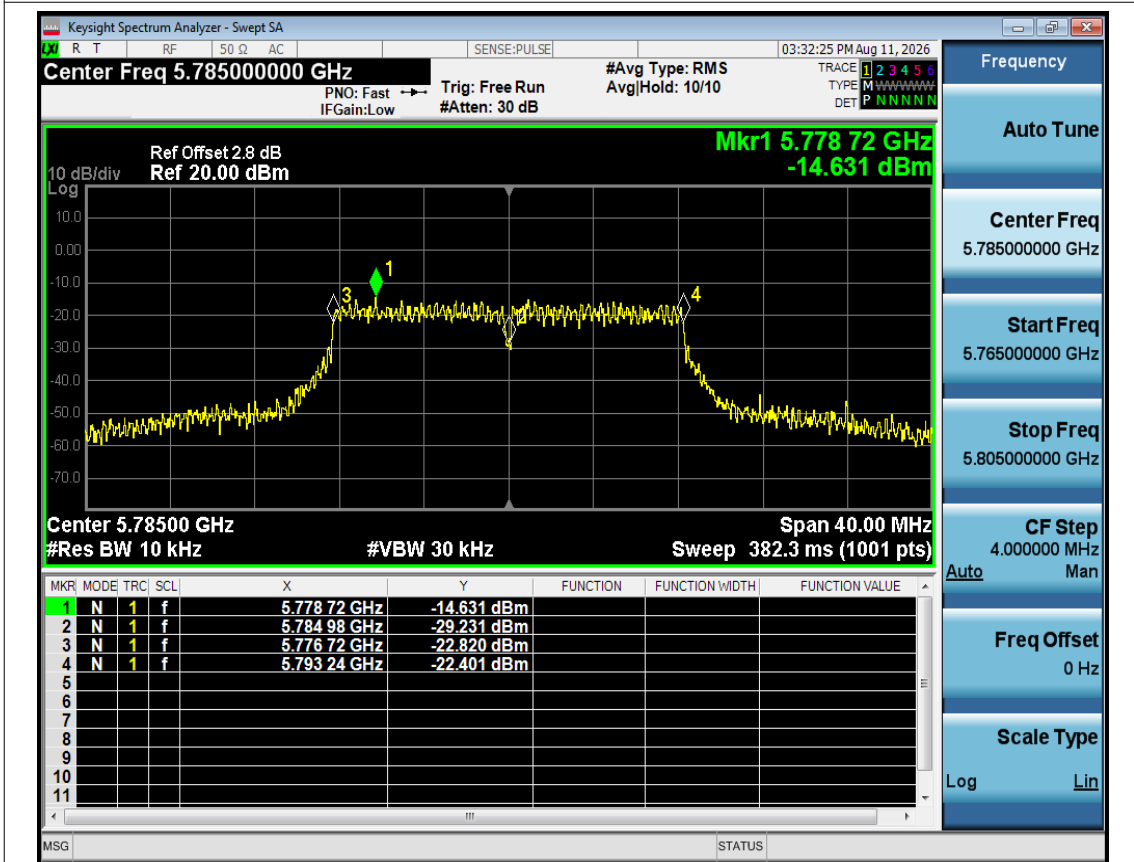
Band Edge NVNT ac40 5795MHz High Ant1

Frequency Stability

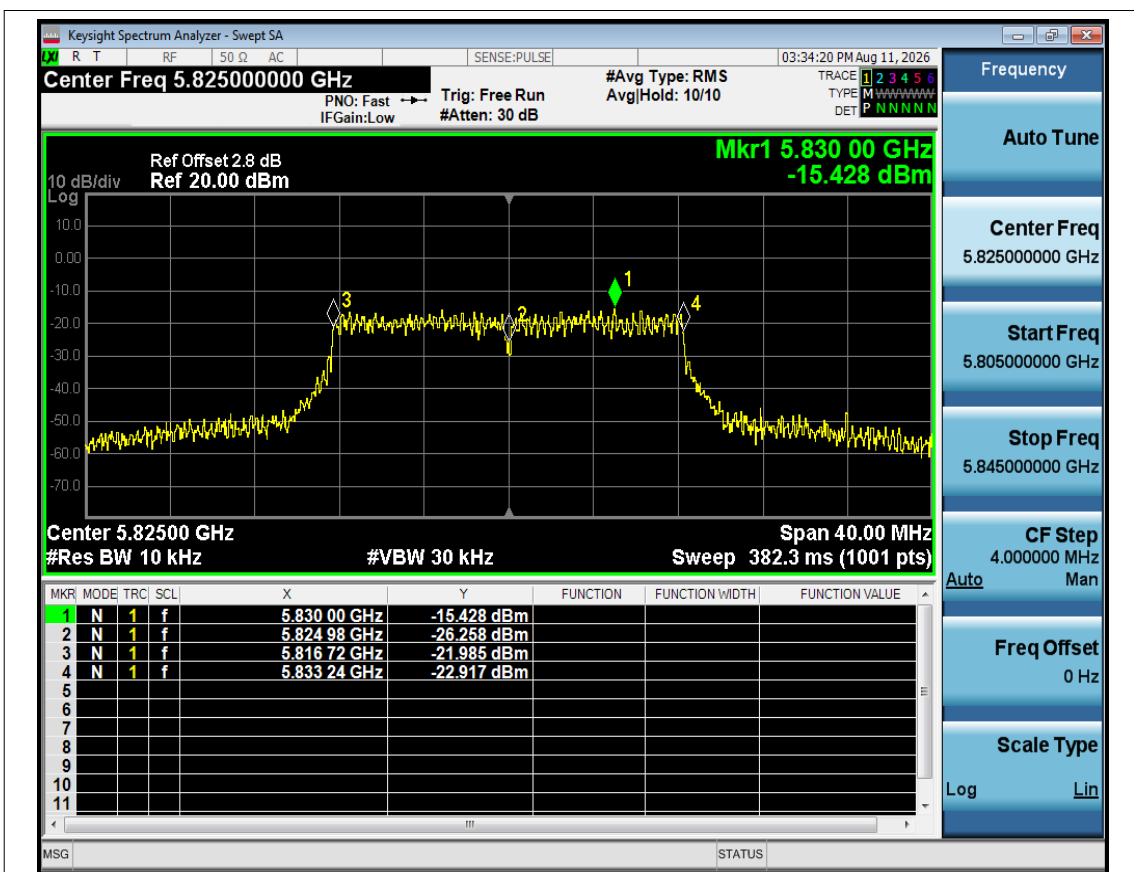
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (MHz)	Verdict
NVNT	a	5745	Ant1	5744.98	-20000	-3.48	5725 to 5850	Pass
NVNT	a	5785	Ant1	5784.98	-20000	-3.46	5725 to 5850	Pass
NVNT	a	5825	Ant1	5824.98	-20000	-3.43	5725 to 5850	Pass
NVNT	n20	5745	Ant1	5745	0	0	5725 to 5850	Pass
NVNT	n20	5785	Ant1	5785	0	0	5725 to 5850	Pass
NVNT	n20	5825	Ant1	5825	0	0	5725 to 5850	Pass
NVNT	n40	5755	Ant1	5755	0	0	5725 to 5850	Pass
NVNT	n40	5795	Ant1	5795	0	0	5725 to 5850	Pass
NVNT	ac20	5745	Ant1	5745	0	0	5725 to 5850	Pass
NVNT	ac20	5785	Ant1	5784.98	-20000	-3.46	5725 to 5850	Pass
NVNT	ac20	5825	Ant1	5824.96	-40000	-6.87	5725 to 5850	Pass
NVNT	ac40	5755	Ant1	5754.96	-40000	-6.95	5725 to 5850	Pass
NVNT	ac40	5795	Ant1	5795	0	0	5725 to 5850	Pass



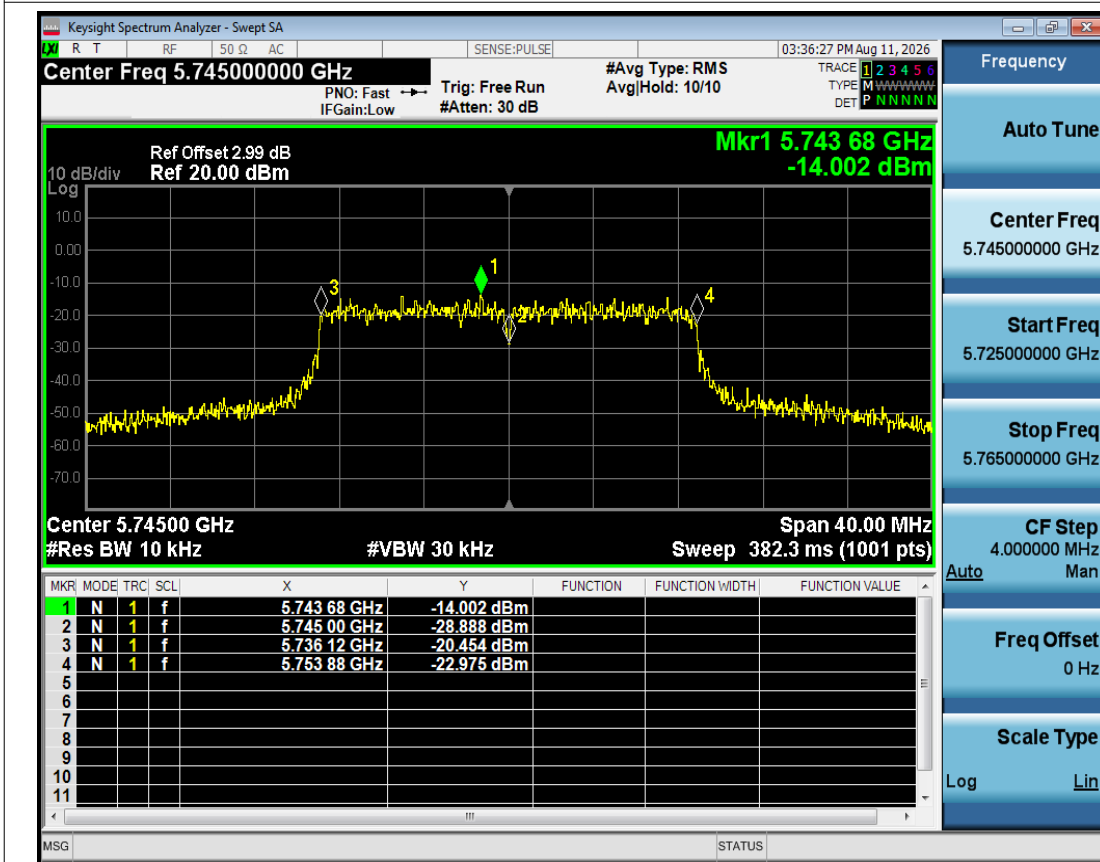
Freq. Stability NVNT a 5745MHz Ant1



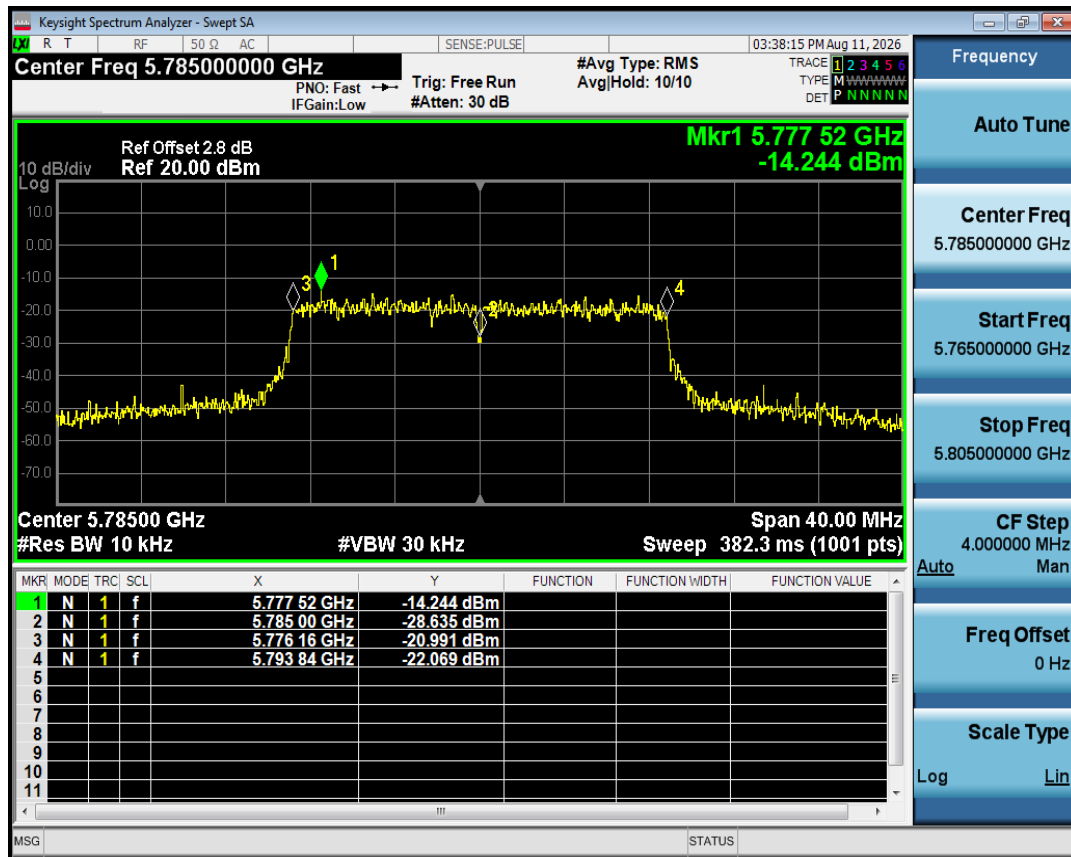
Freq. Stability NVNT a 5785MHz Ant1



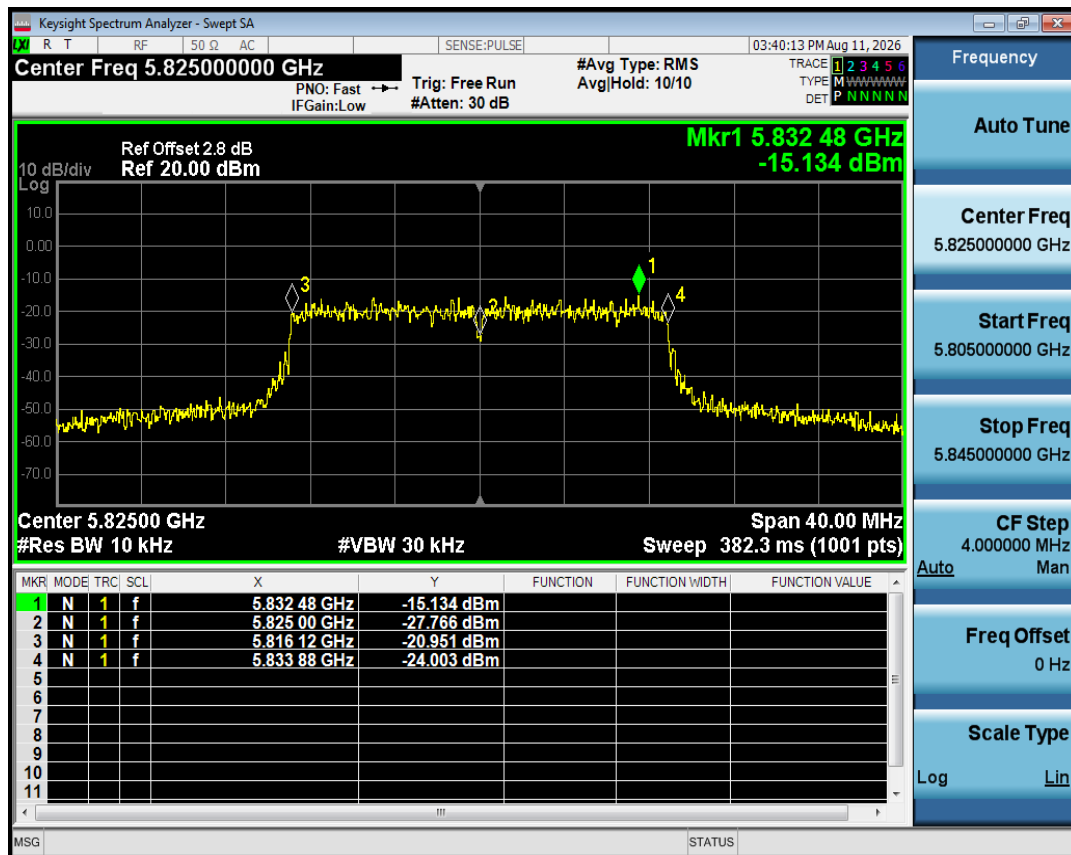
Freq. Stability NVNT a 5825MHz Ant1



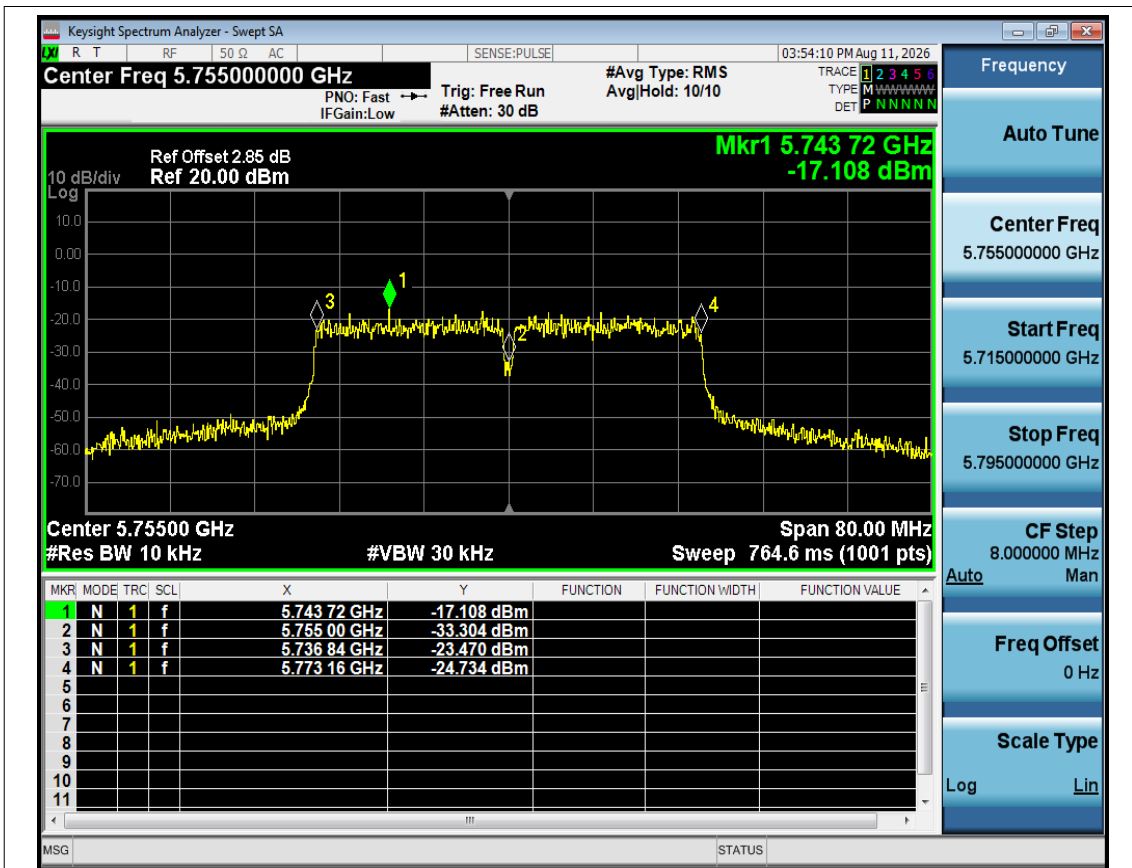
Freq. Stability NVNT n20 5745MHz Ant1



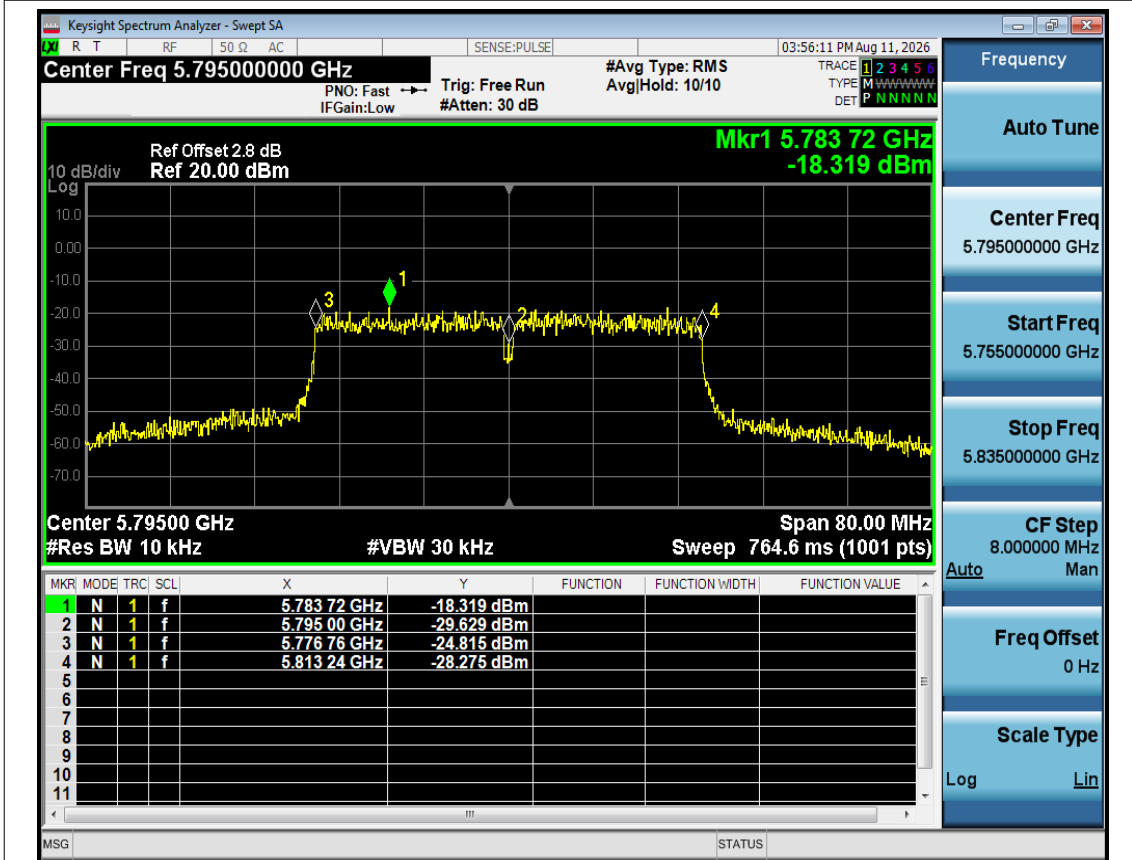
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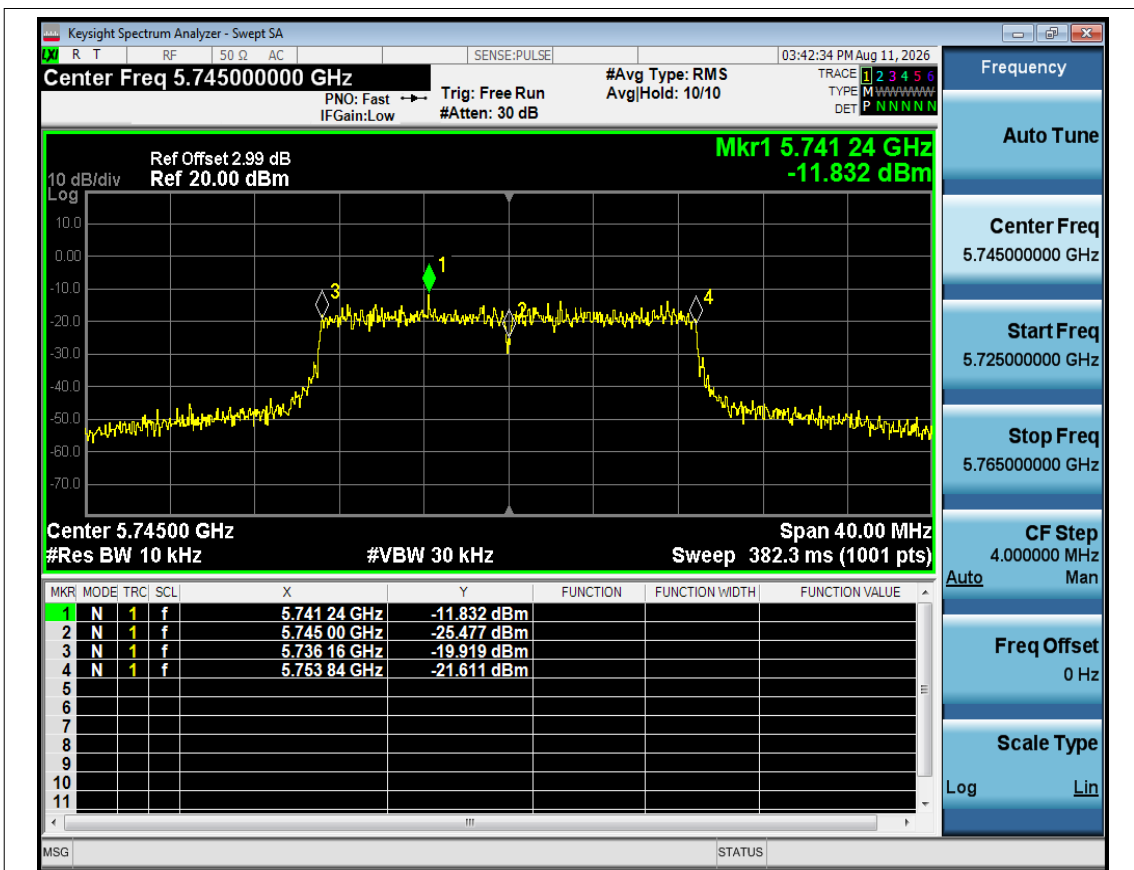
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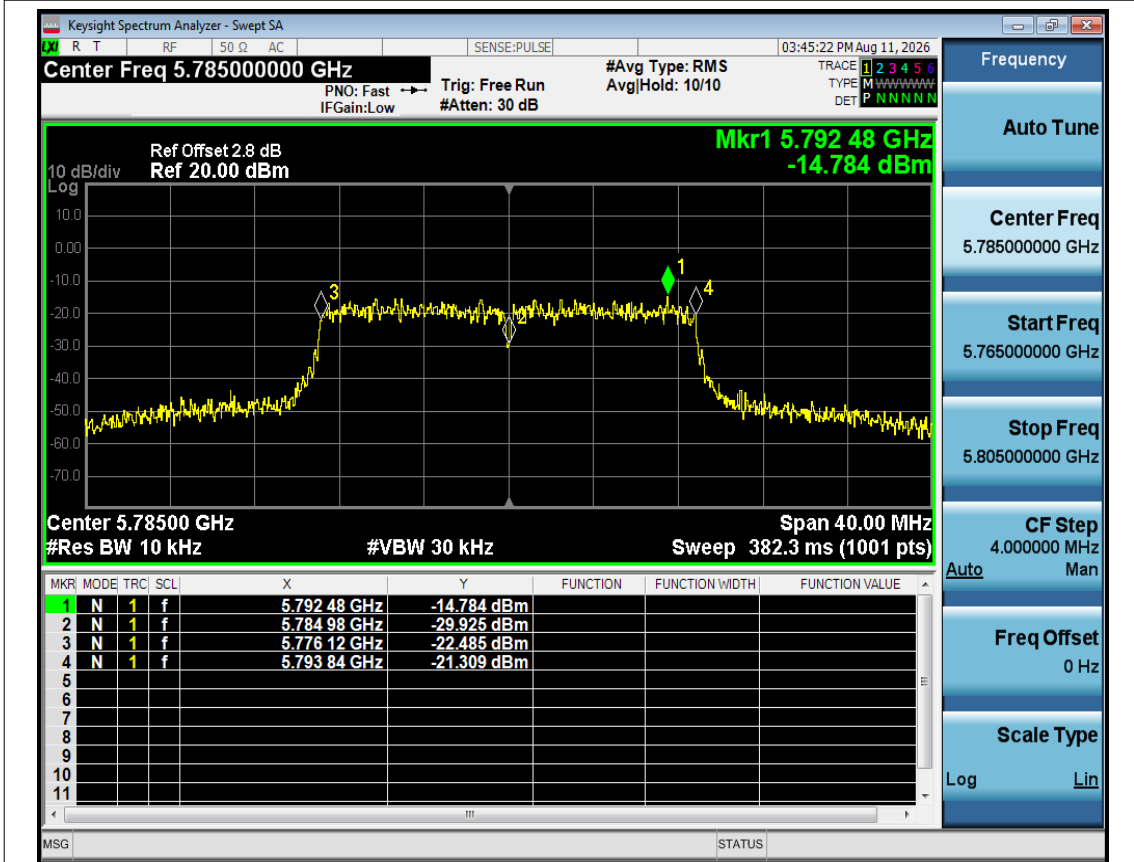
Freq. Stability NVNT n40 5755MHz Ant1



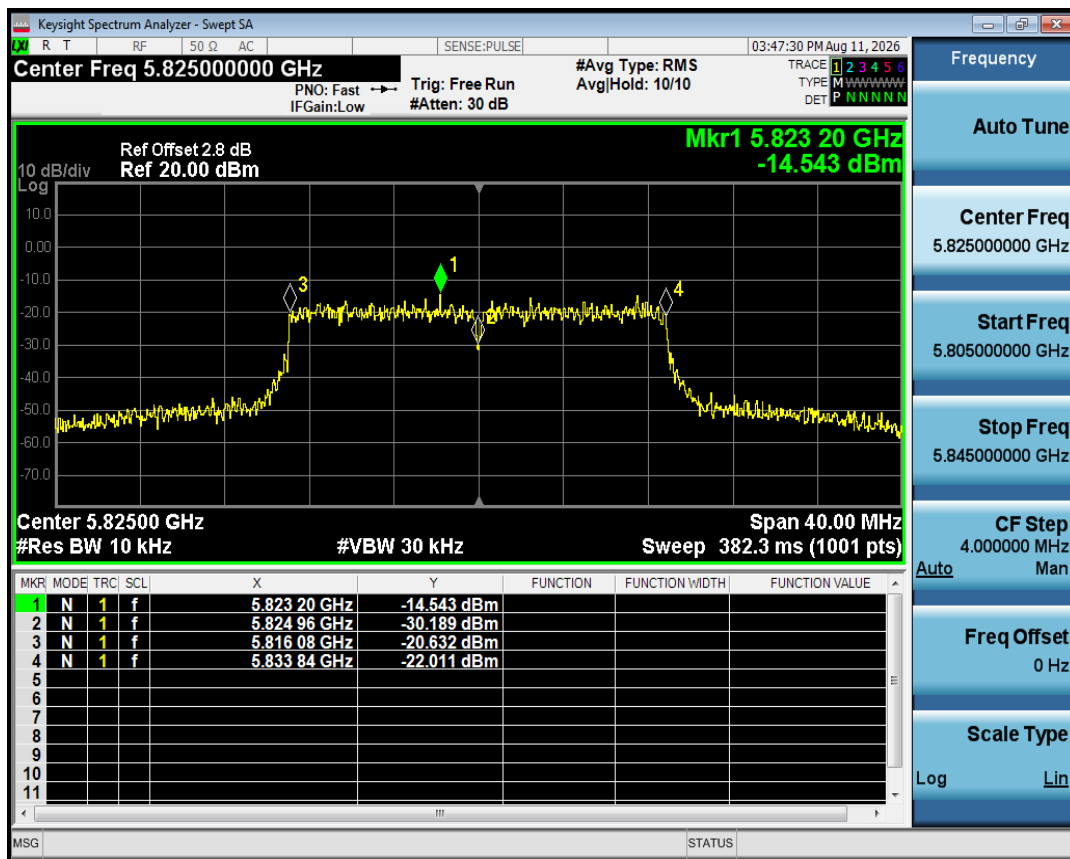
Freq. Stability NVNT n40 5795MHz Ant1



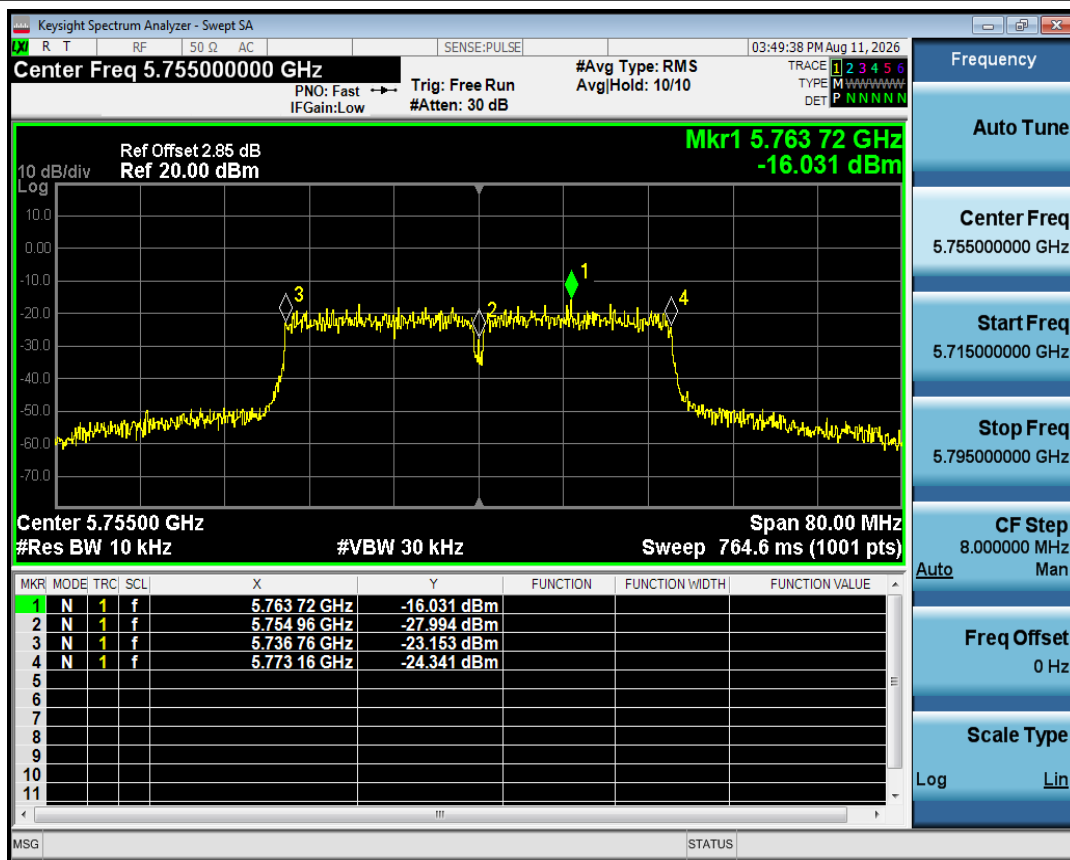
Freq. Stability NVNT ac20 5745MHz Ant1



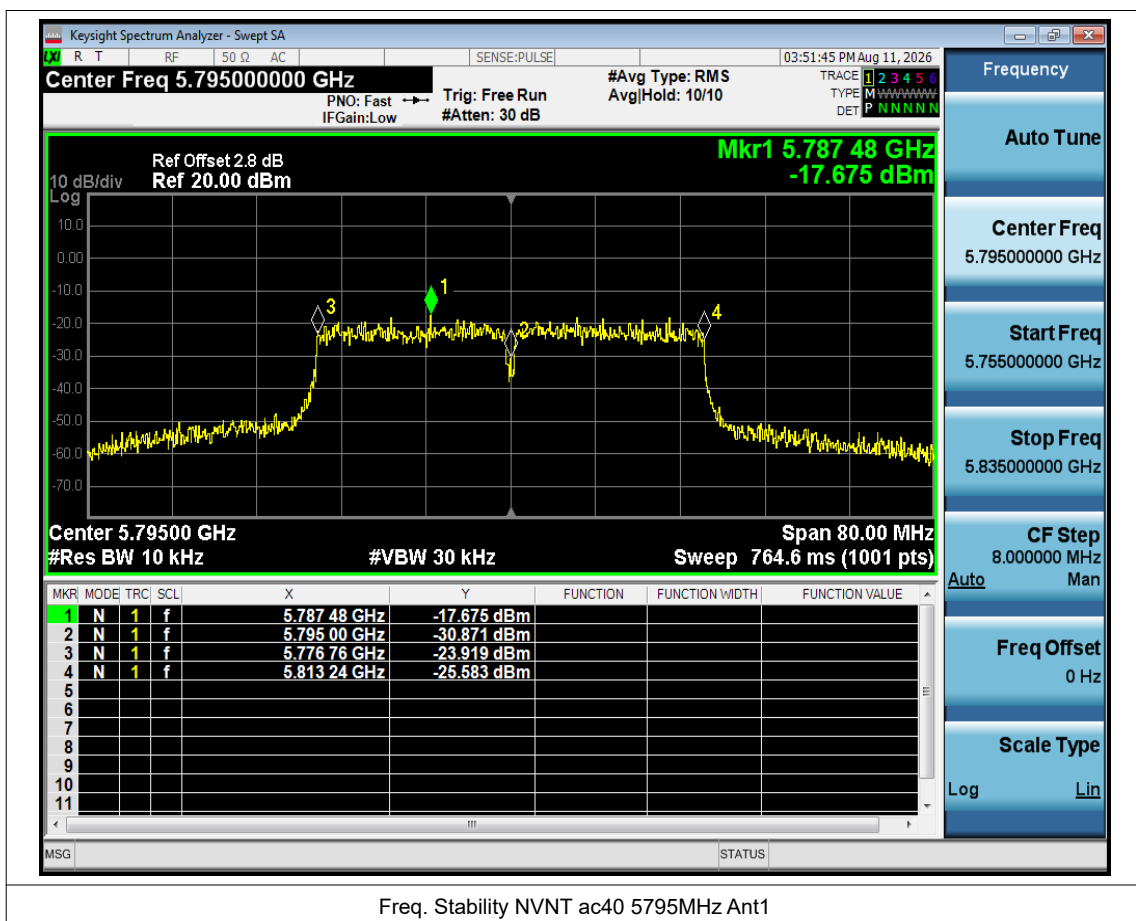
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Freq. Stability NVNT ac20 5825MHz Ant1

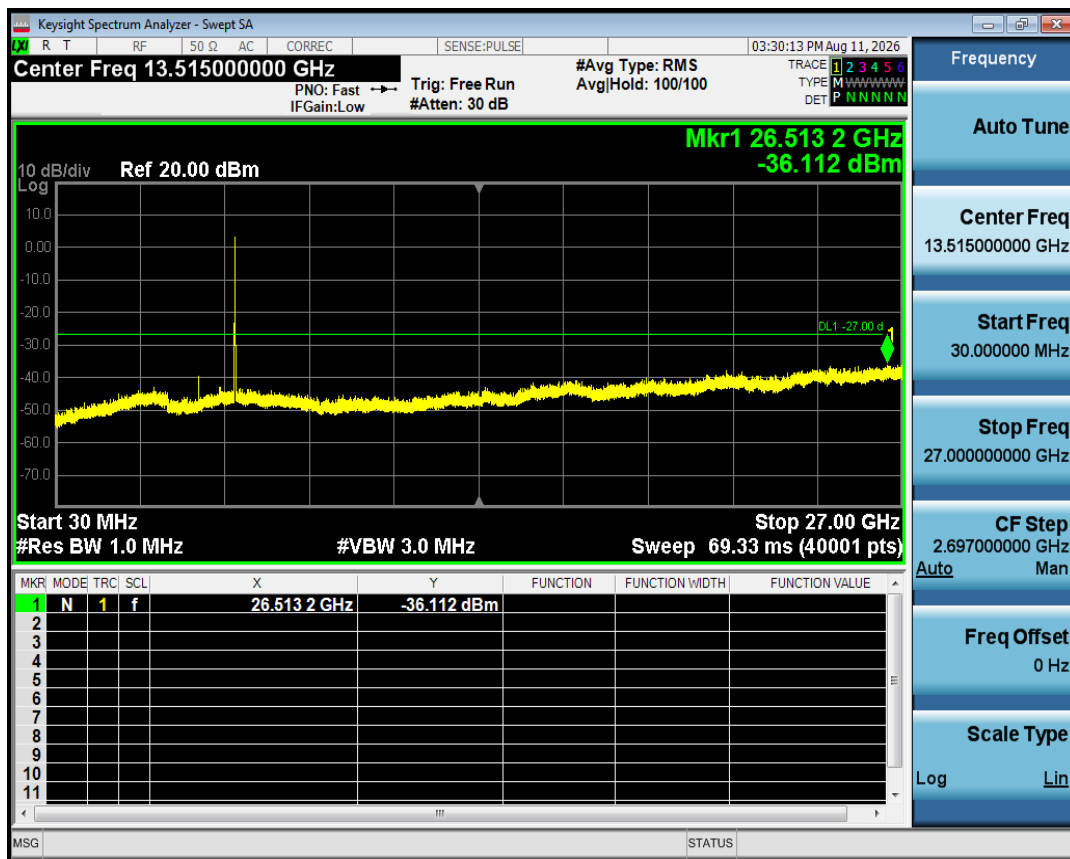


Freq. Stability NVNT ac40 5755MHz Ant1

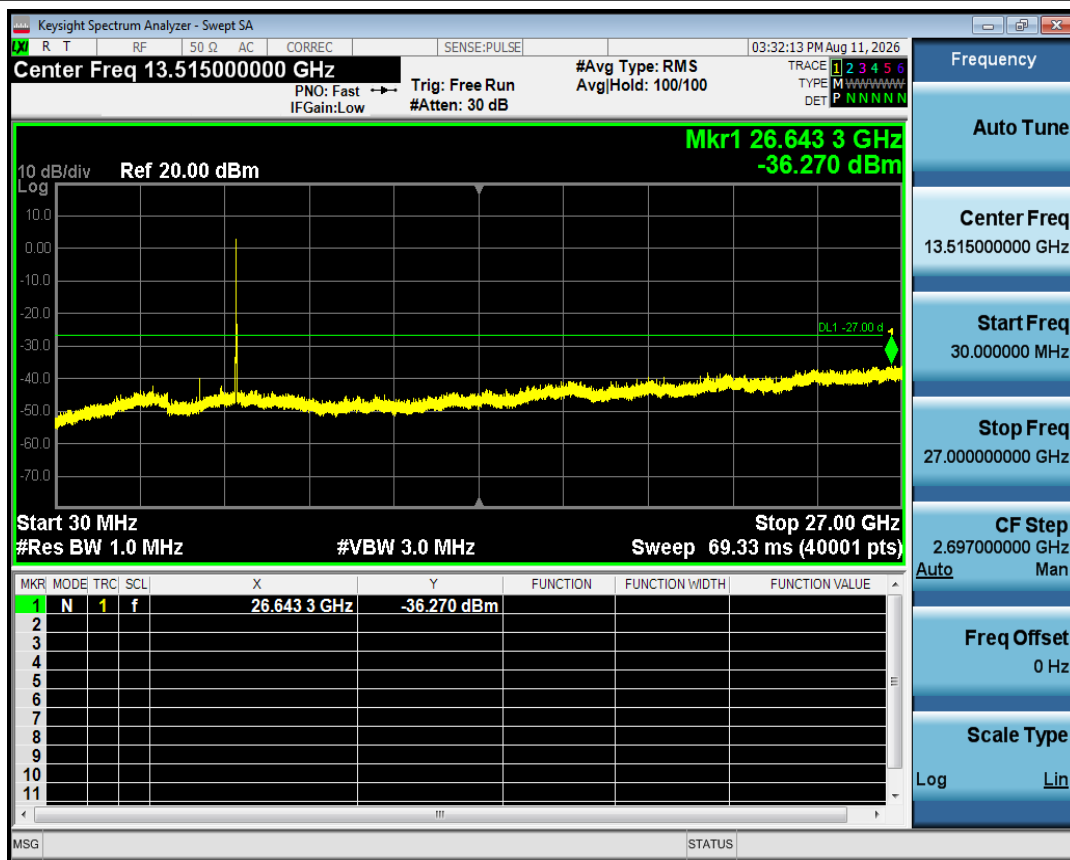


Conducted RF Spurious Emission

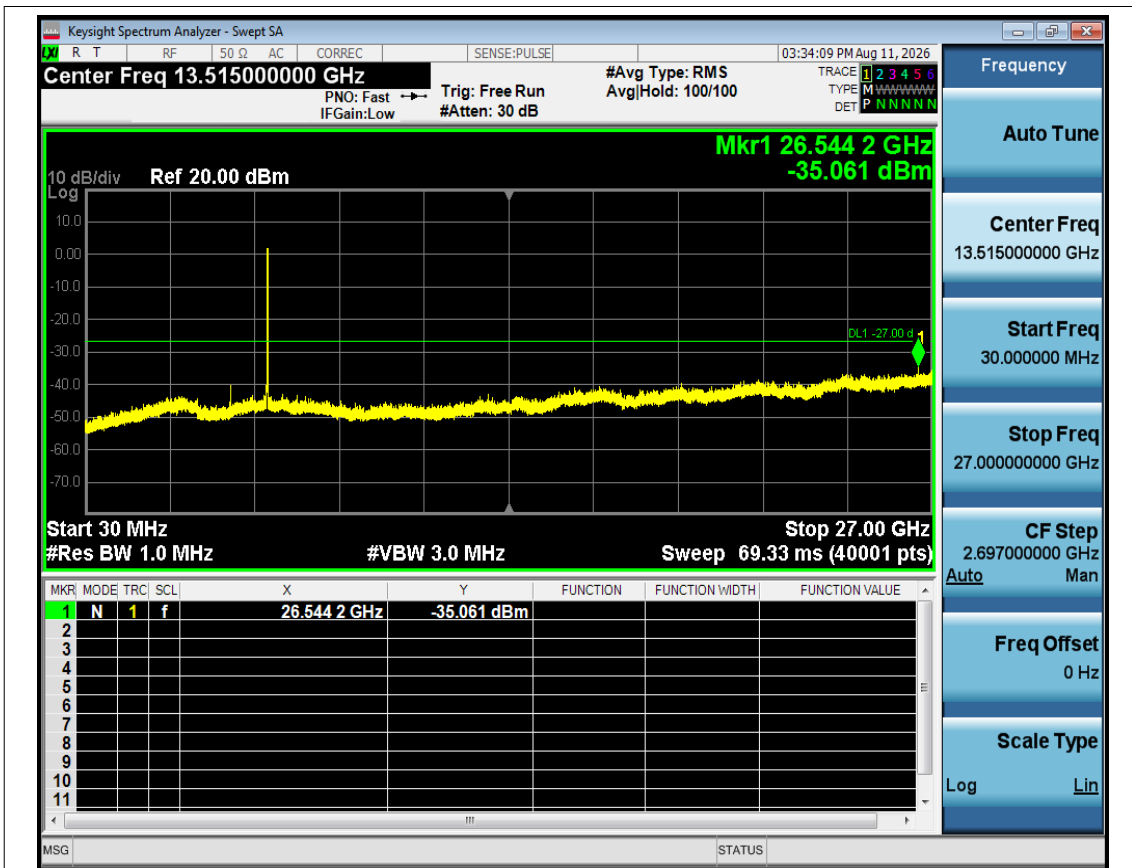
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5745	Ant1	-36.11	-27	Pass
NVNT	a	5785	Ant1	-36.26	-27	Pass
NVNT	a	5825	Ant1	-35.06	-27	Pass
NVNT	n20	5745	Ant1	-35.79	-27	Pass
NVNT	n20	5785	Ant1	-35.7	-27	Pass
NVNT	n20	5825	Ant1	-35.78	-27	Pass
NVNT	n40	5755	Ant1	-35.18	-27	Pass
NVNT	n40	5795	Ant1	-35.53	-27	Pass
NVNT	ac20	5745	Ant1	-36.11	-27	Pass
NVNT	ac20	5785	Ant1	-36.15	-27	Pass
NVNT	ac20	5825	Ant1	-35.65	-27	Pass
NVNT	ac40	5755	Ant1	-35.39	-27	Pass
NVNT	ac40	5795	Ant1	-34.27	-27	Pass



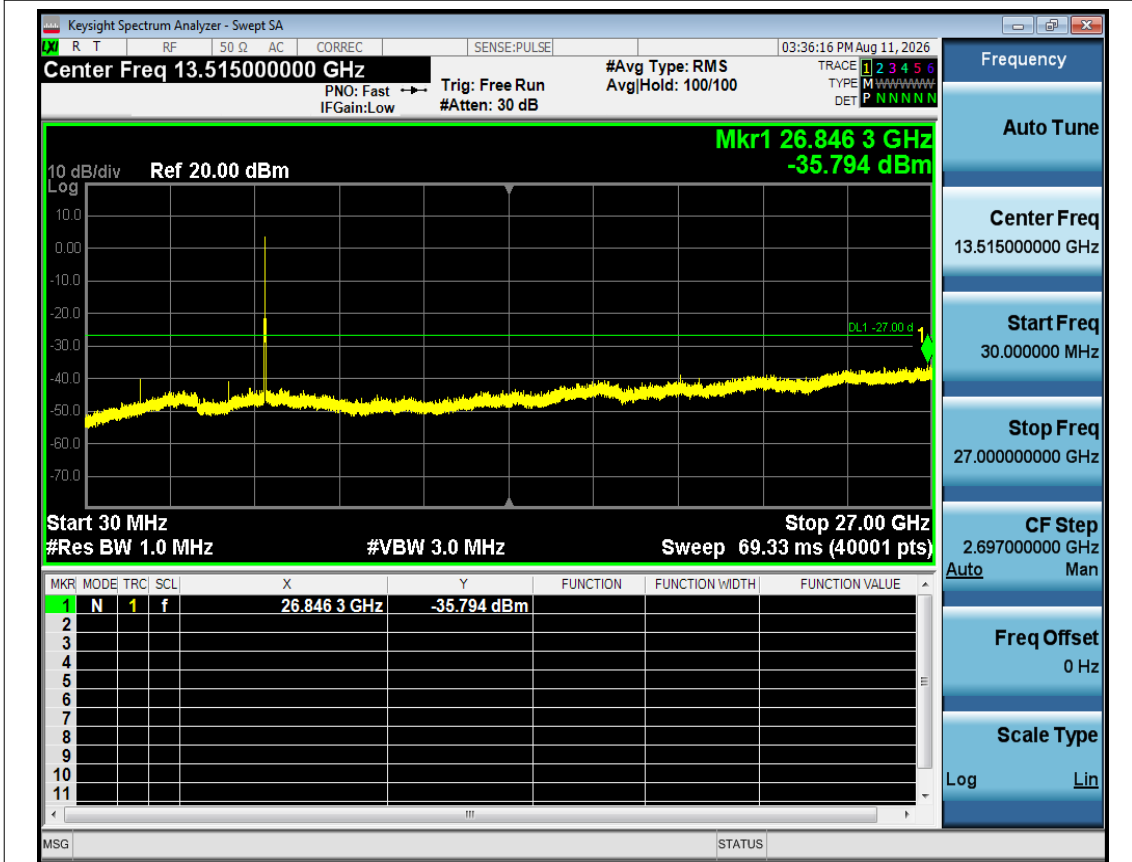
Tx. Spurious NVNT a 5745MHz Ant1 Emission



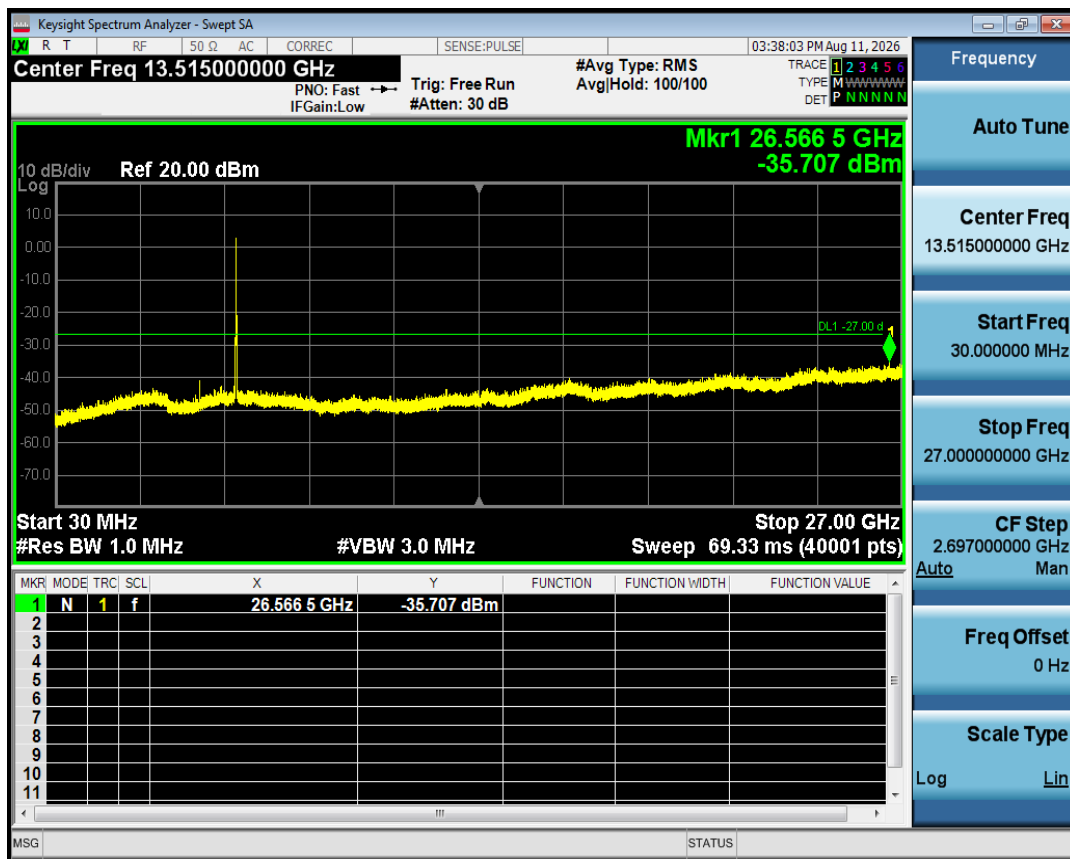
Tx. Spurious NVNT a 5785MHz Ant1 Emission



Tx. Spurious NVNT a 5825MHz Ant1 Emission



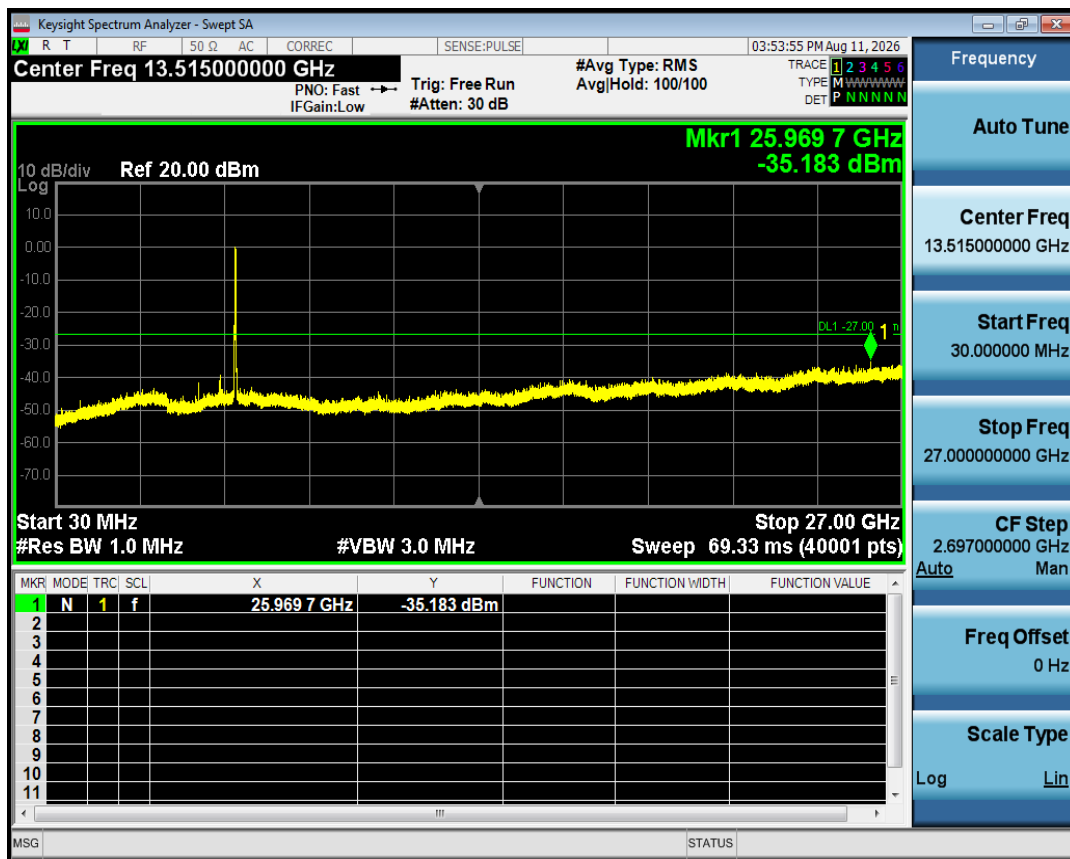
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



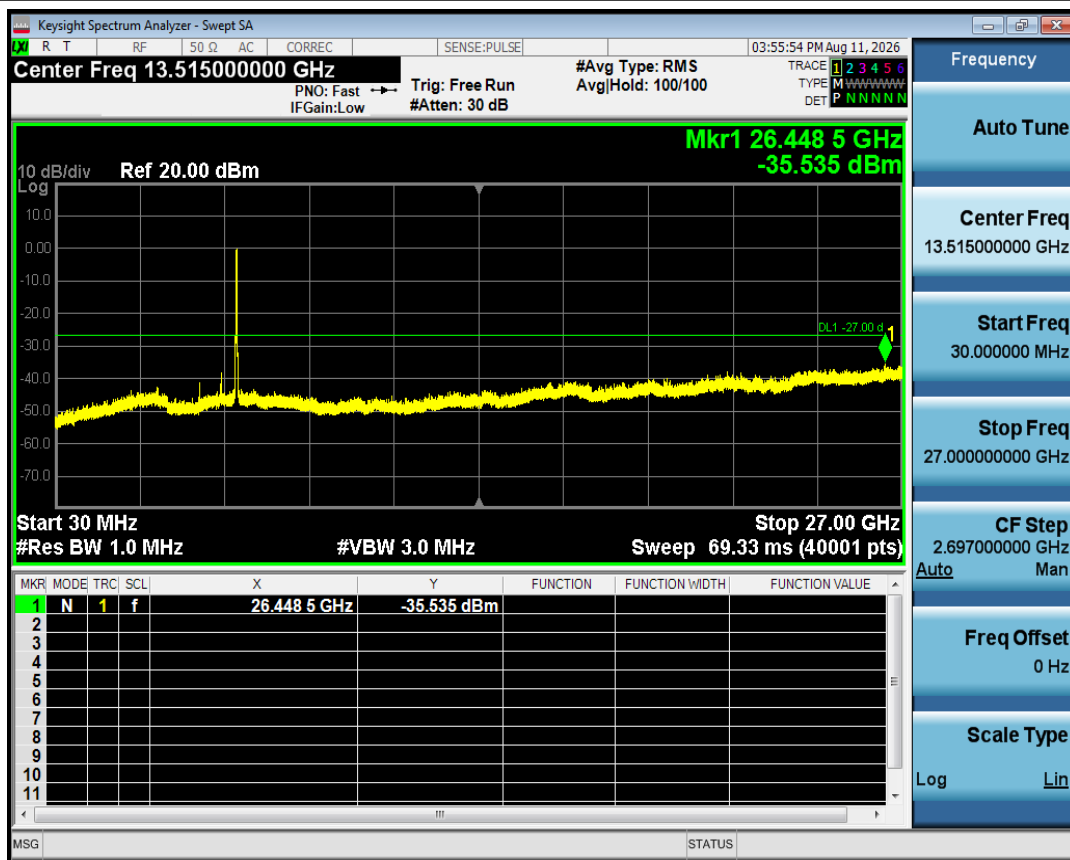
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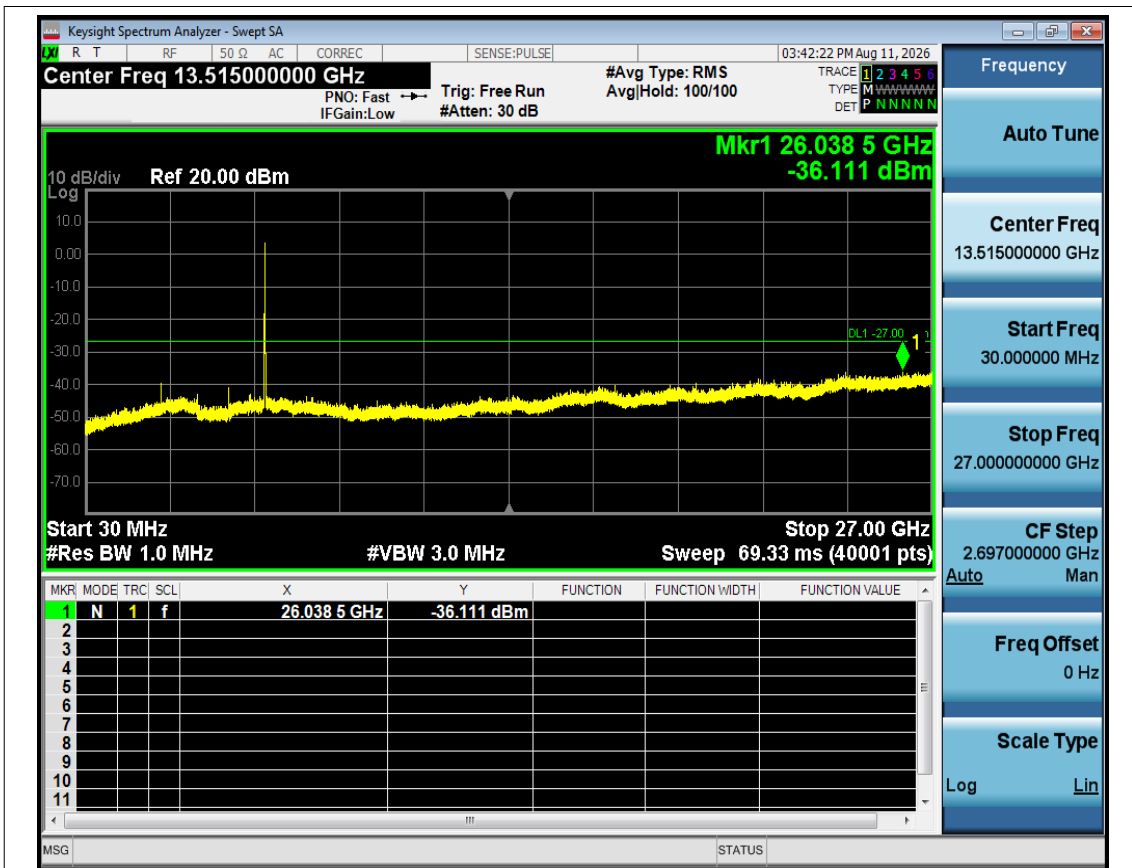
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



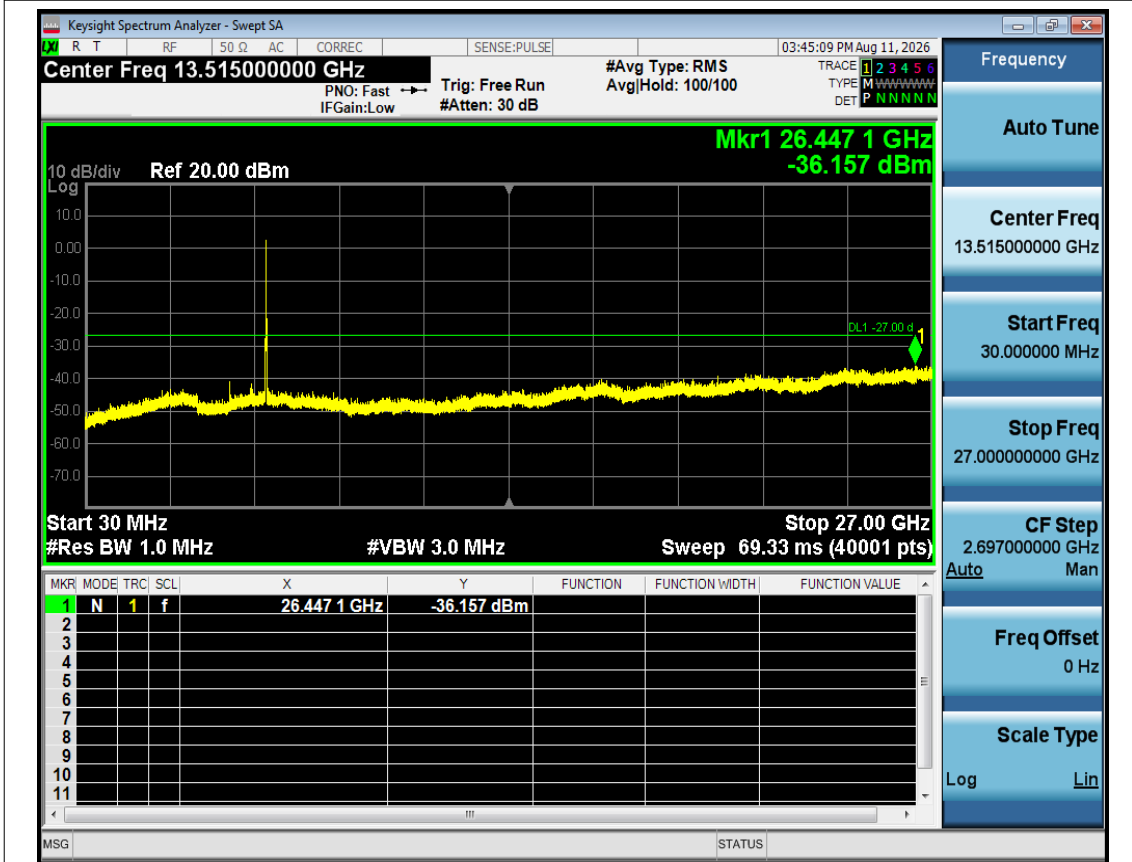
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



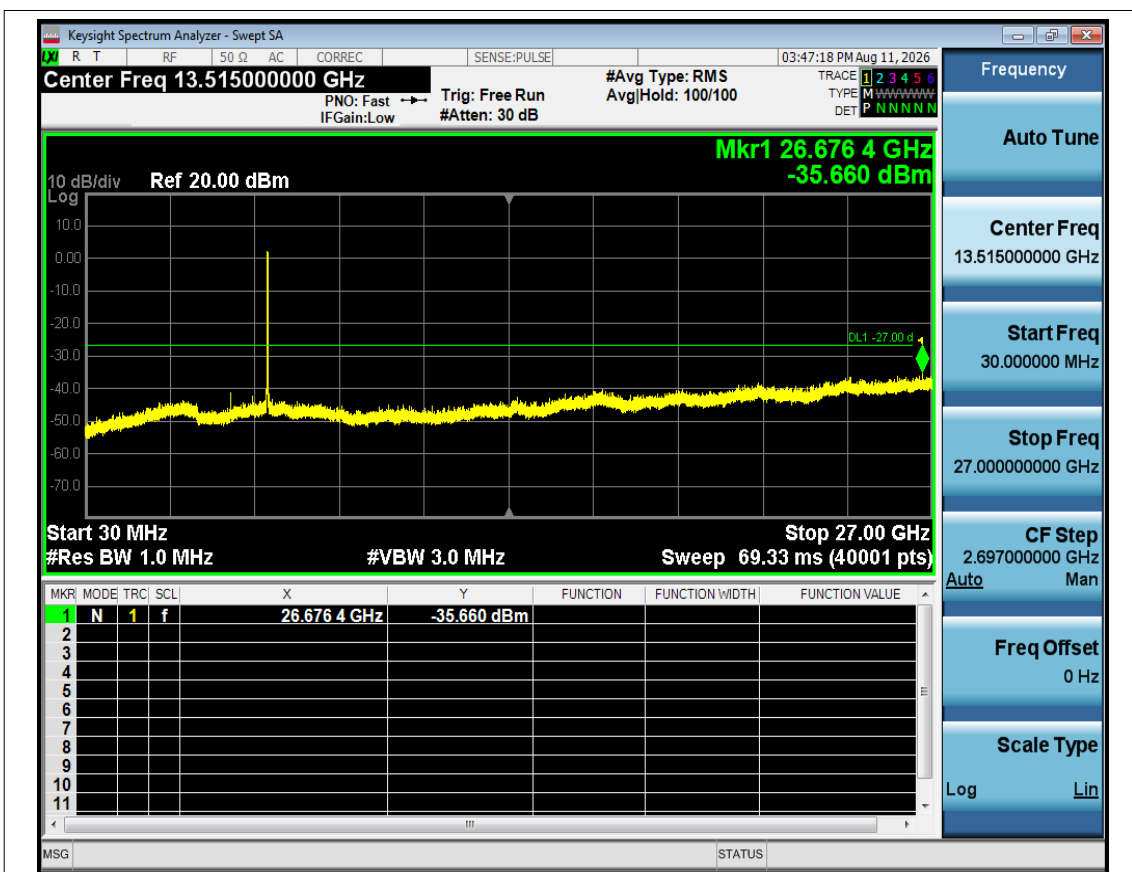
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



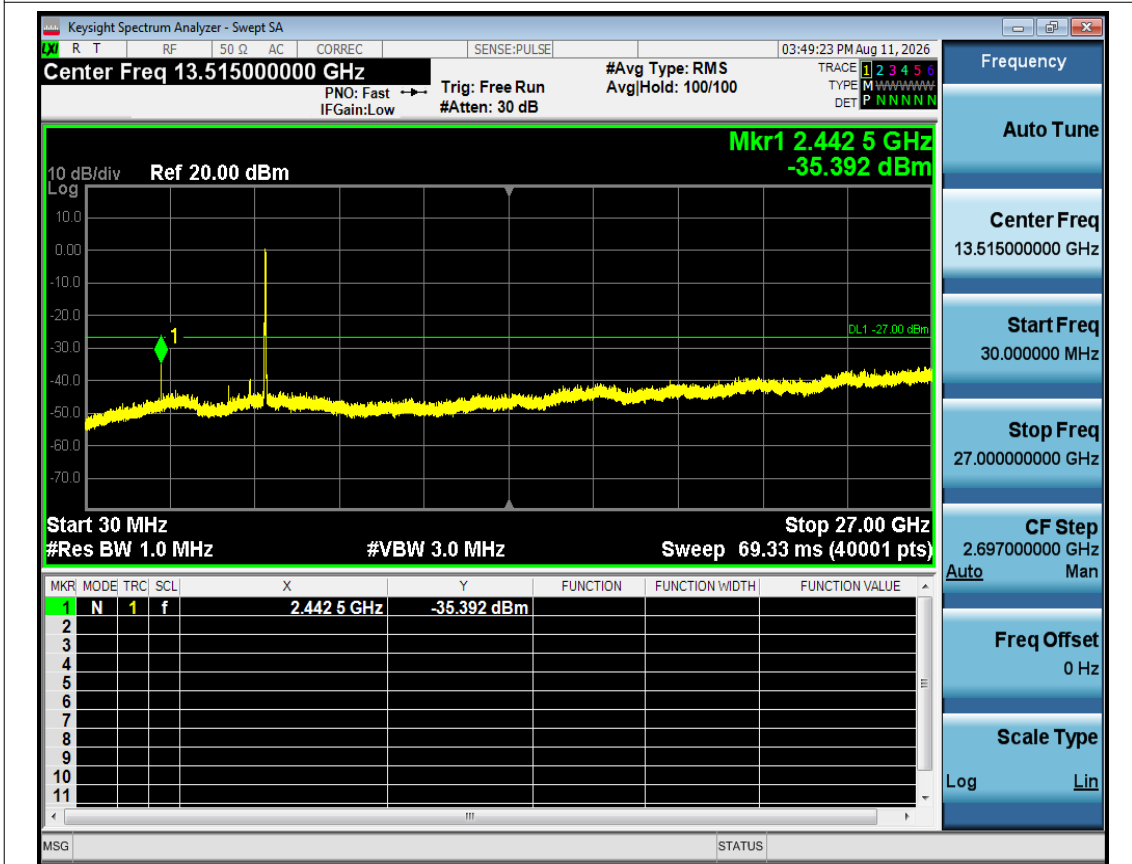
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



Tx. Spurious NVNT ac40 5755MHz Ant1 Emission

