

FCC ID: 2BUXG-AL4ML411W

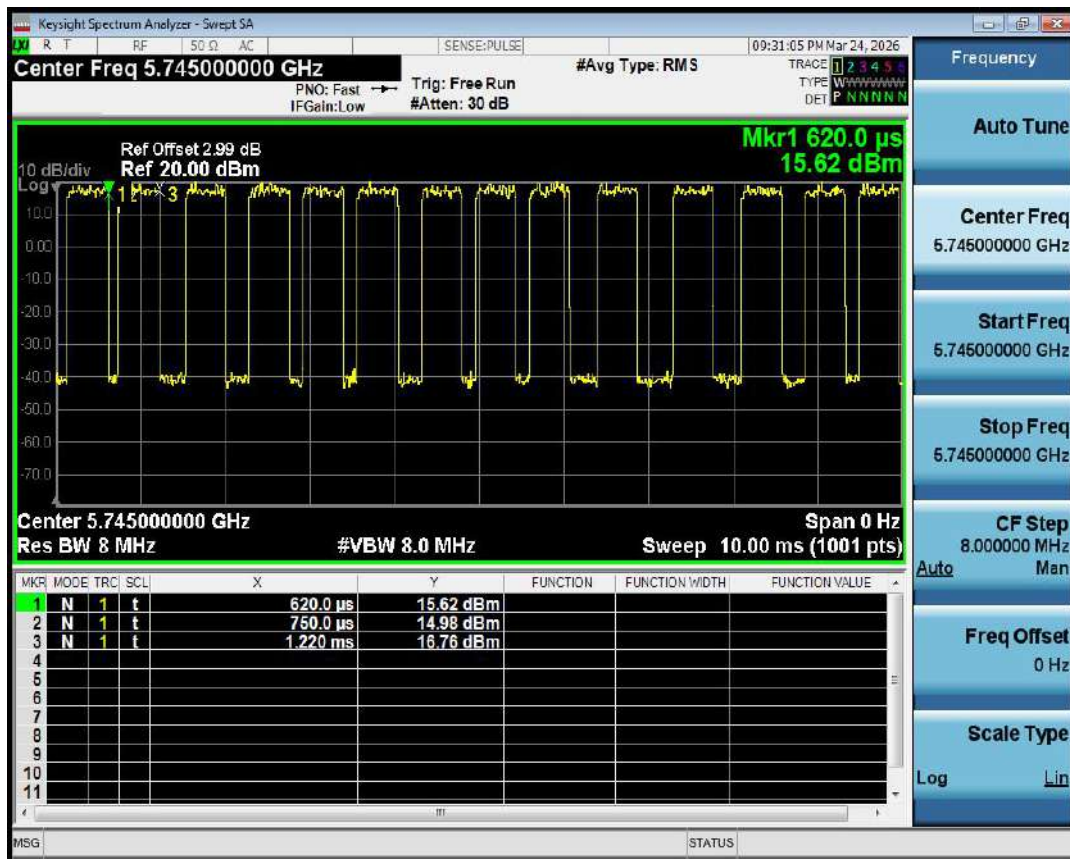
FCC_5.8G_WIFI (Part15.407) Test Data

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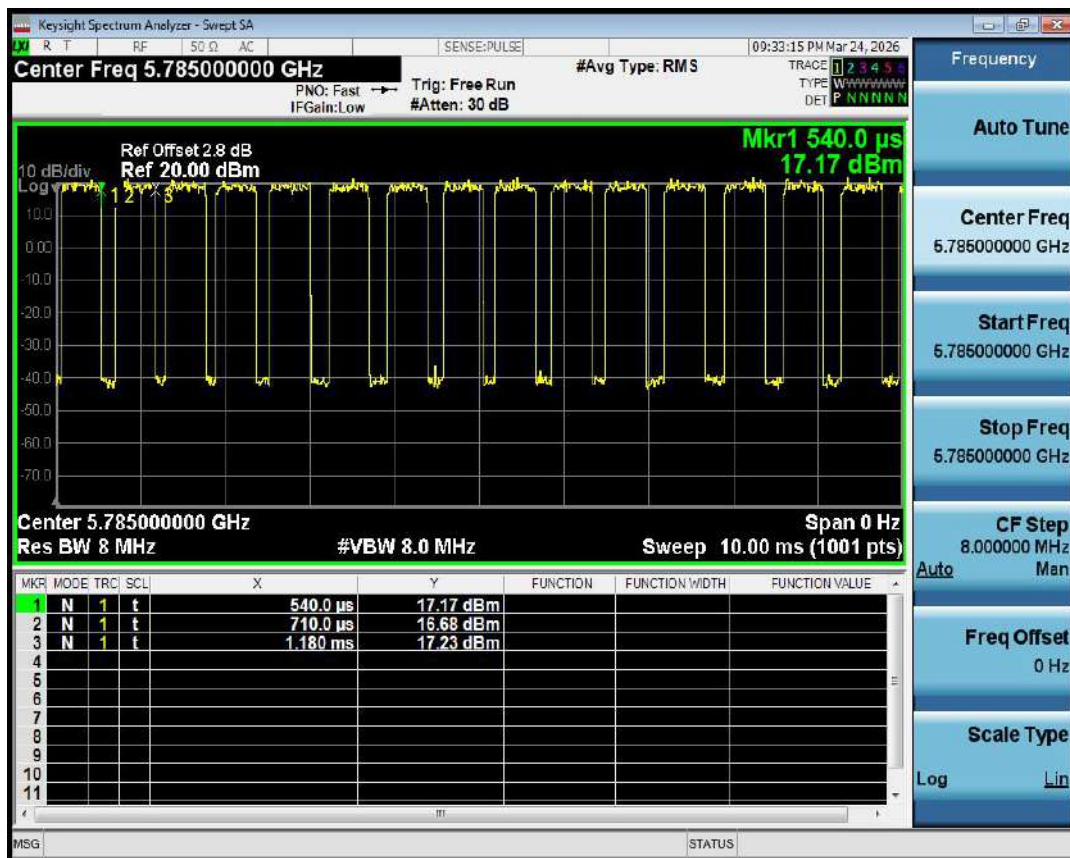
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1. Duty Cycle

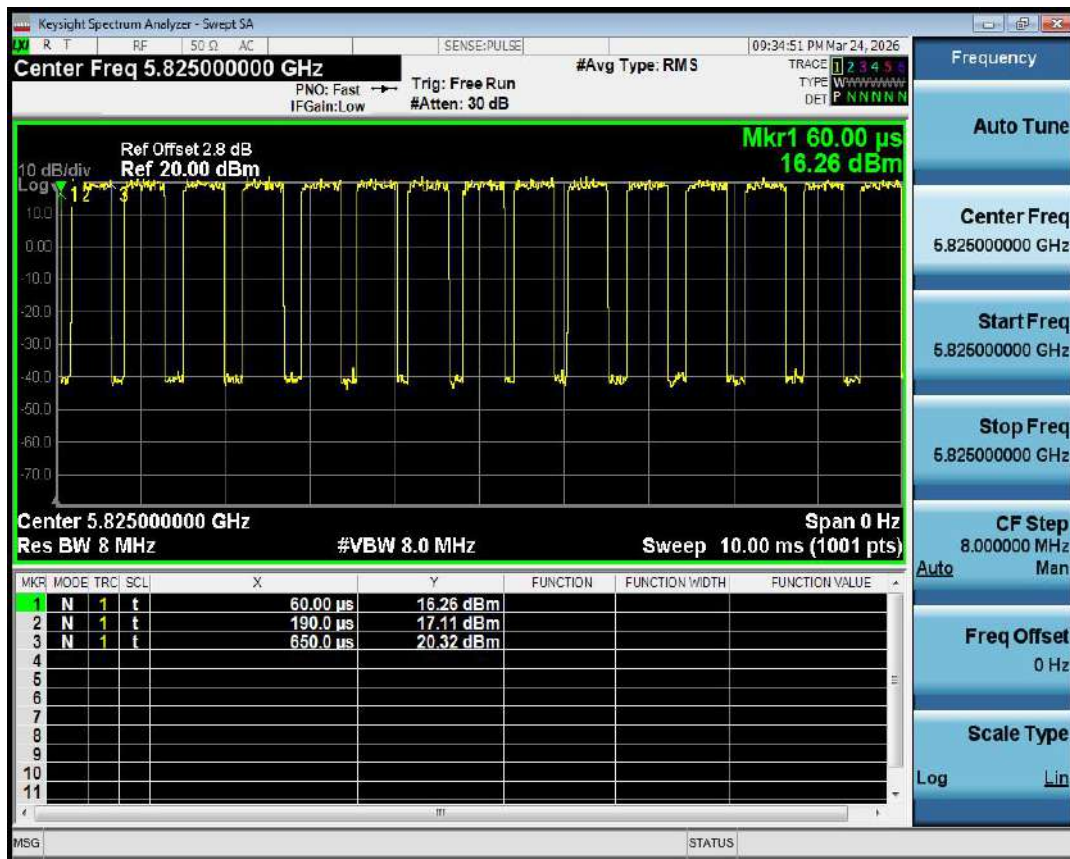
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	78.33	1.06	2.13
NVNT	a	5785	Ant1	73.44	1.34	2.13
NVNT	a	5825	Ant1	77.97	1.08	2.17
NVNT	n20	5745	Ant1	91.44	0.39	0.27
NVNT	n20	5785	Ant1	96.64	0.15	0.27
NVNT	n20	5825	Ant1	94.67	0.24	0.27
NVNT	n40	5755	Ant1	53.66	2.7	4.55
NVNT	n40	5795	Ant1	61.76	2.09	4.76
NVNT	ac20	5745	Ant1	93.03	0.31	0.27
NVNT	ac20	5785	Ant1	95.17	0.22	0.27
NVNT	ac20	5825	Ant1	94.7	0.24	0.27
NVNT	ac40	5755	Ant1	56.67	2.47	5.88
NVNT	ac40	5795	Ant1	41.46	3.82	5.88
NVNT	ax20	5745	Ant1	86.93	0.61	0.35
NVNT	ax20	5785	Ant1	94.08	0.27	0.35
NVNT	ax20	5825	Ant1	95.35	0.21	0.35
NVNT	ax40	5755	Ant1	48.28	3.16	7.14
NVNT	ax40	5795	Ant1	43.75	3.59	7.14



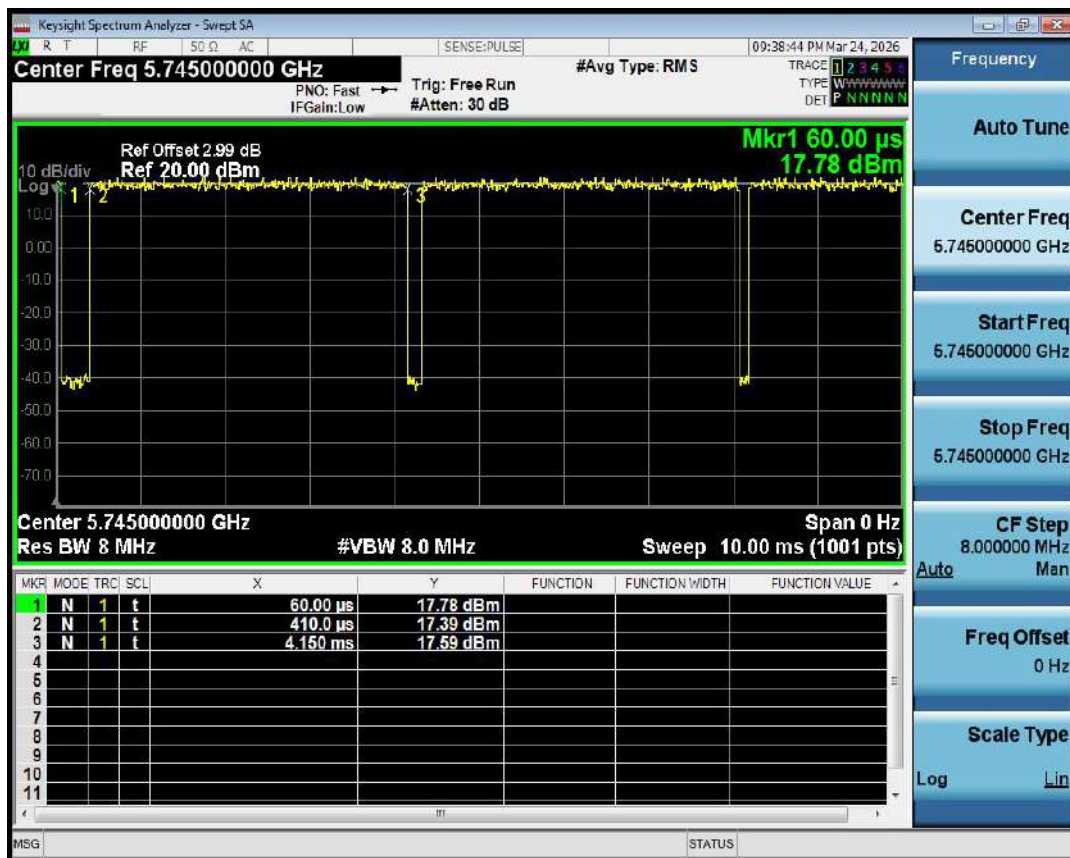
Duty Cycle NVNT a 5745MHz Ant1



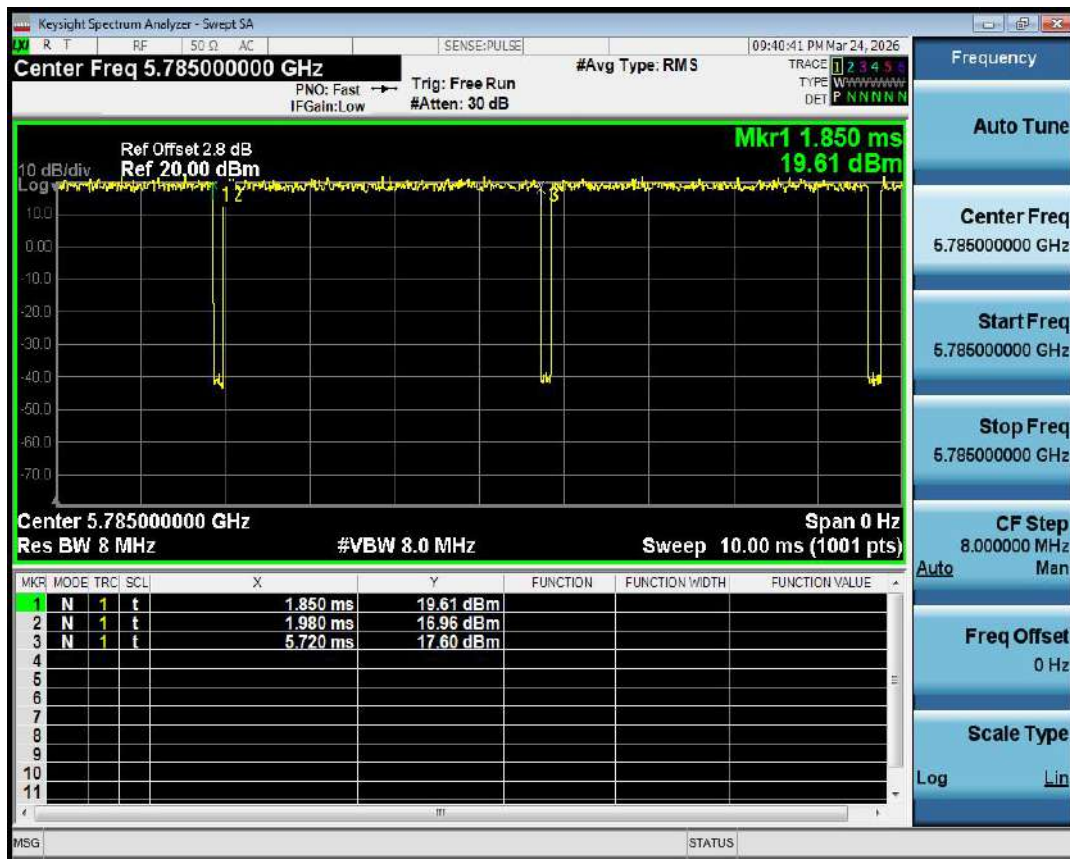
Duty Cycle NVNT a 5785MHz Ant1



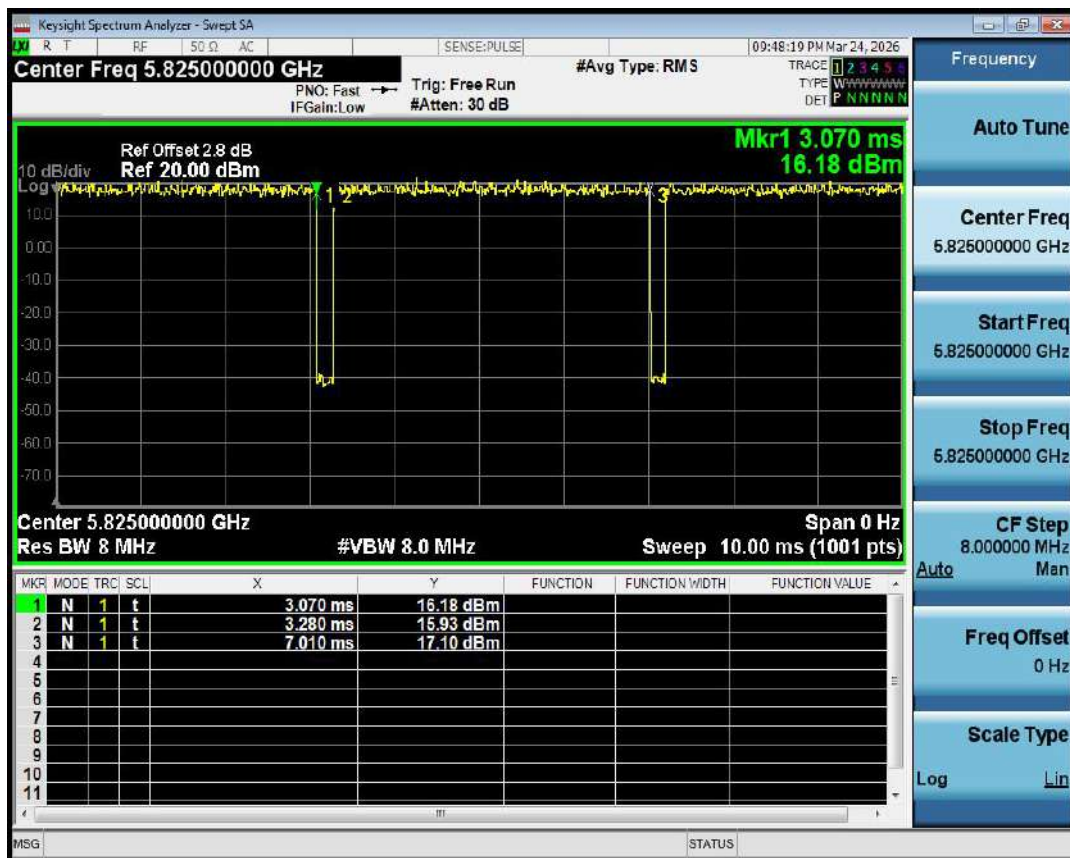
Duty Cycle NVNT a 5825MHz Ant1



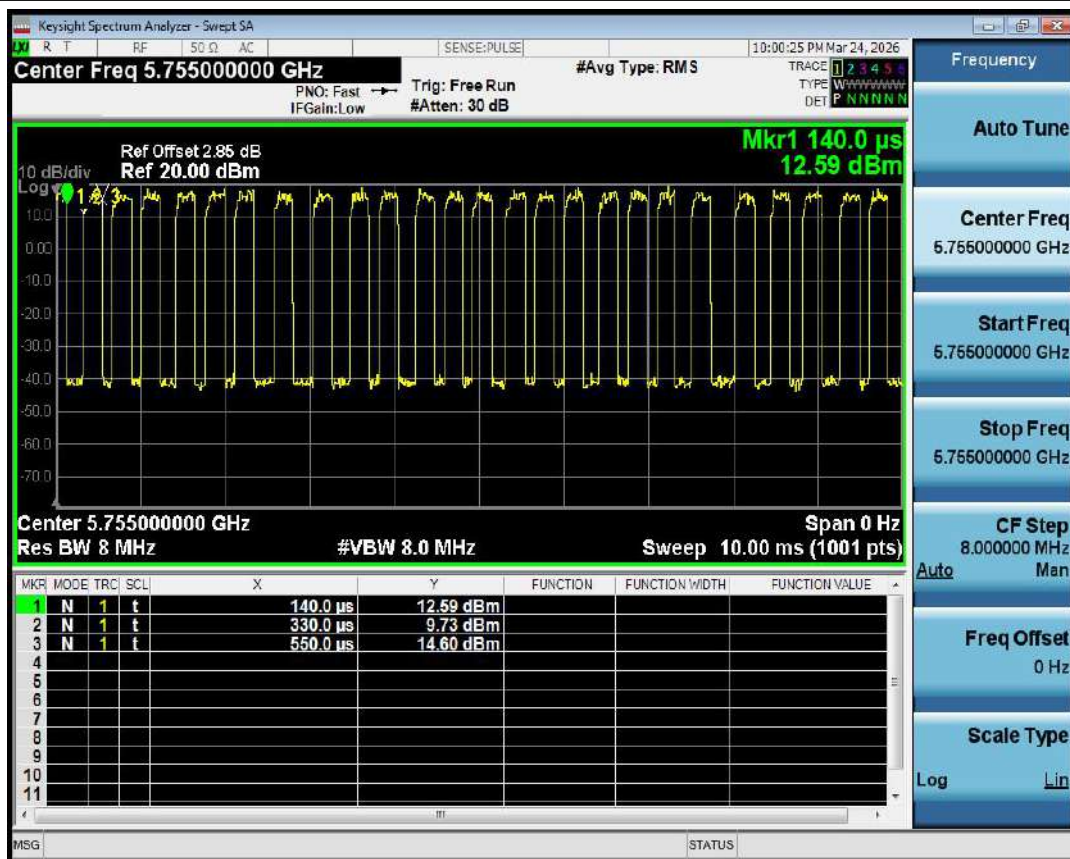
Duty Cycle NVNT n20 5745MHz Ant1



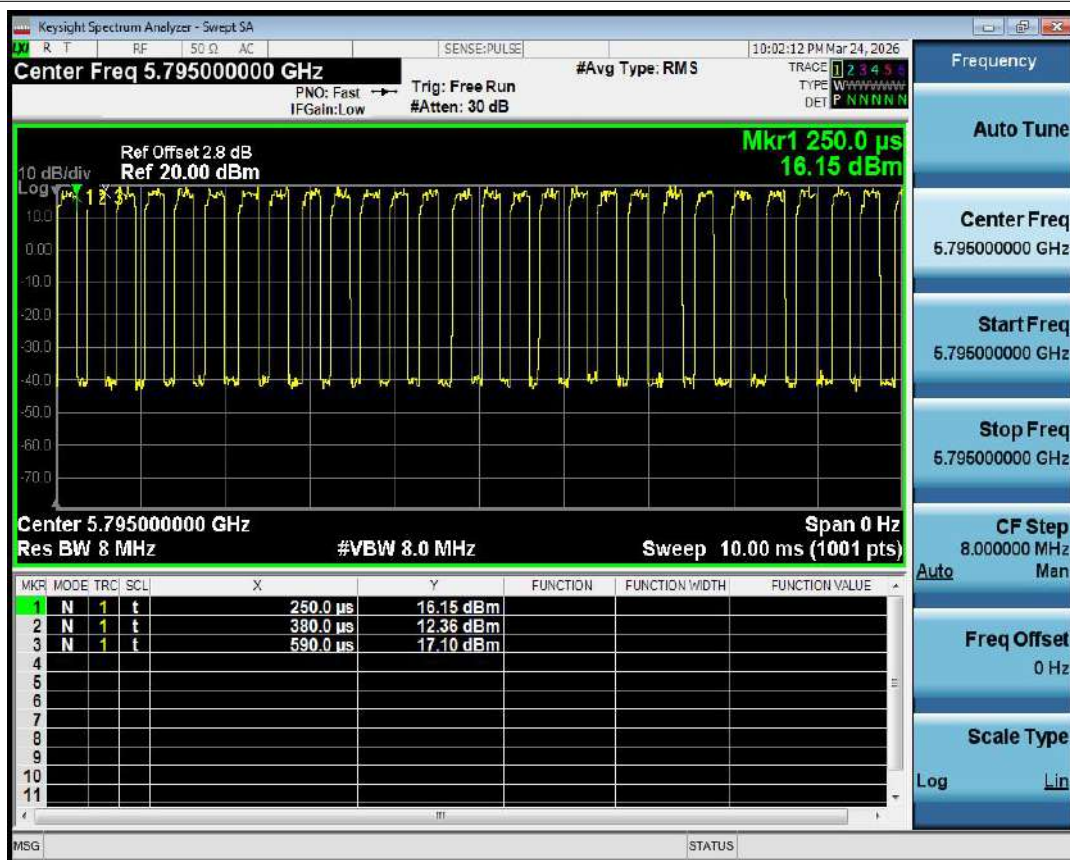
Duty Cycle NVNT n20 5785MHz Ant1



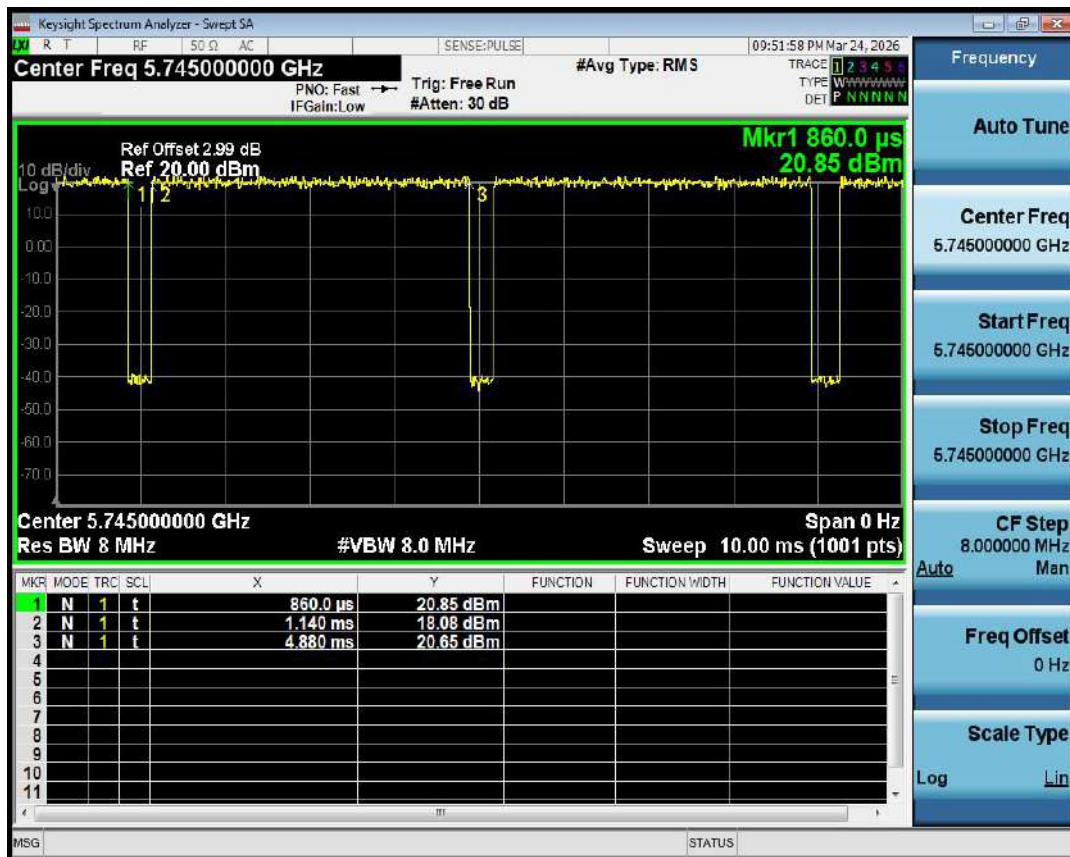
Duty Cycle NVNT n20 5825MHz Ant1



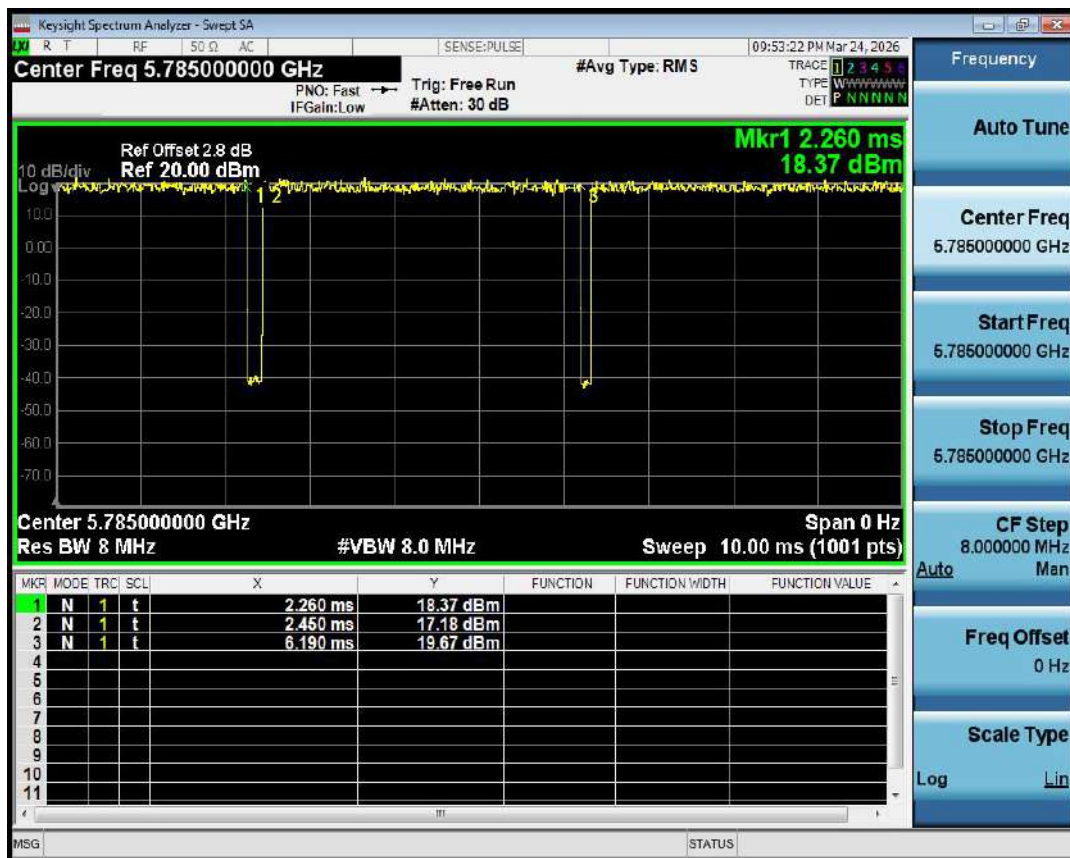
Duty Cycle NVNT n40 5755MHz Ant1



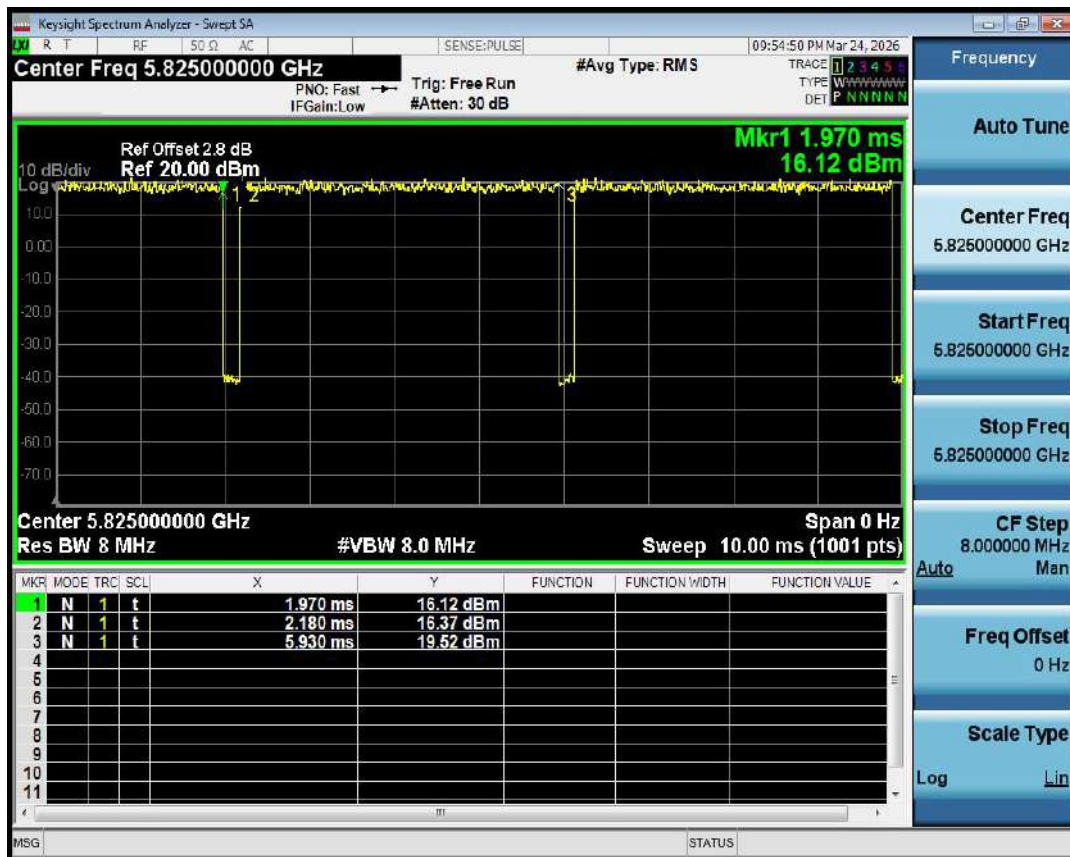
Duty Cycle NVNT n40 5795MHz Ant1



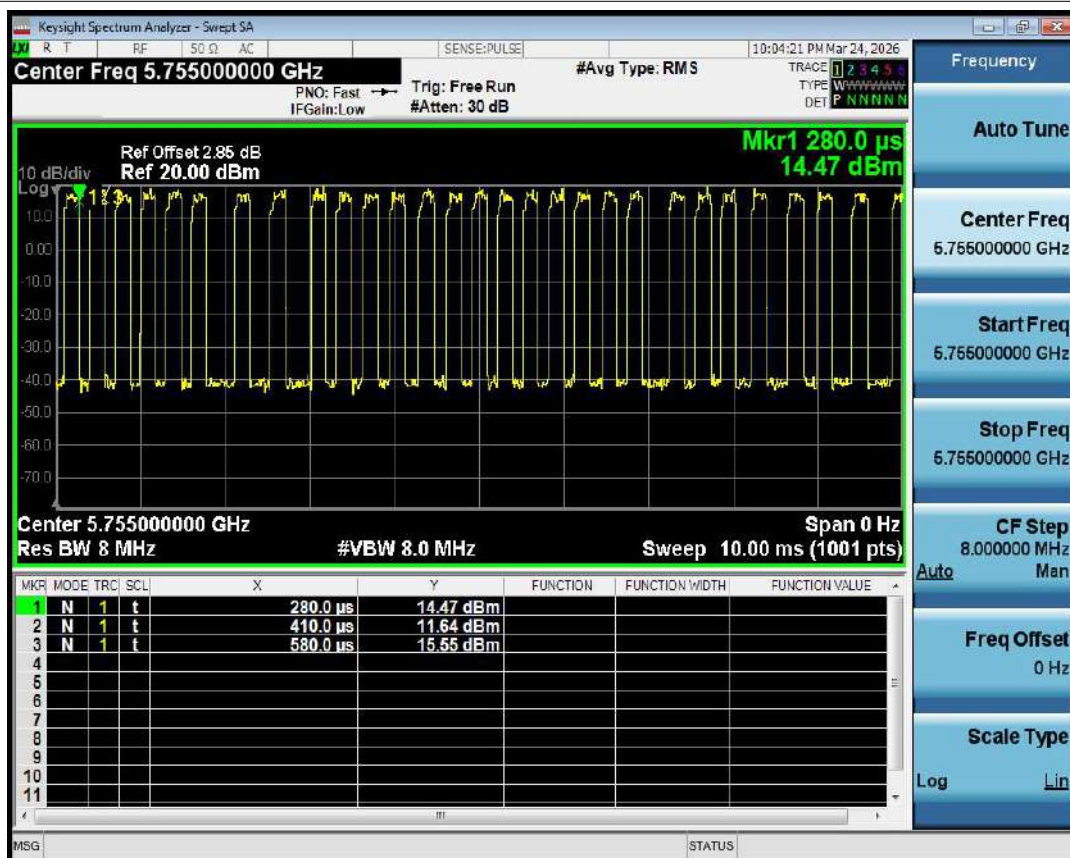
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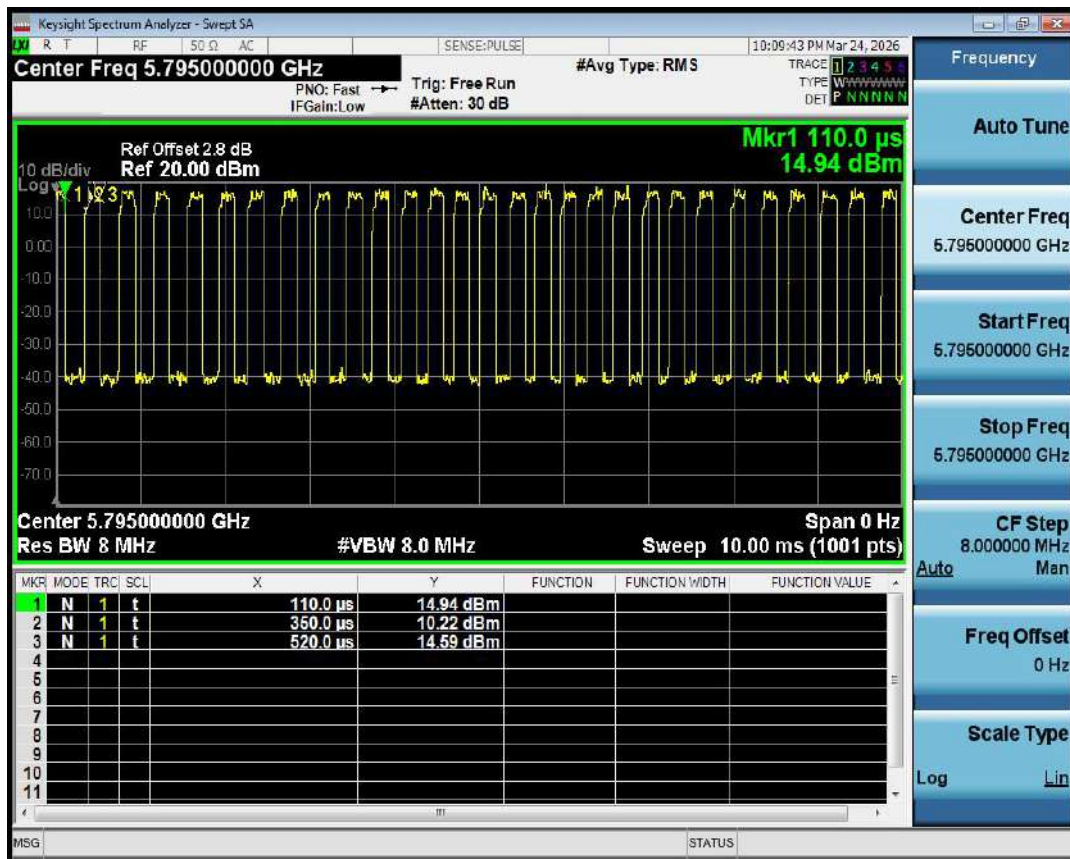
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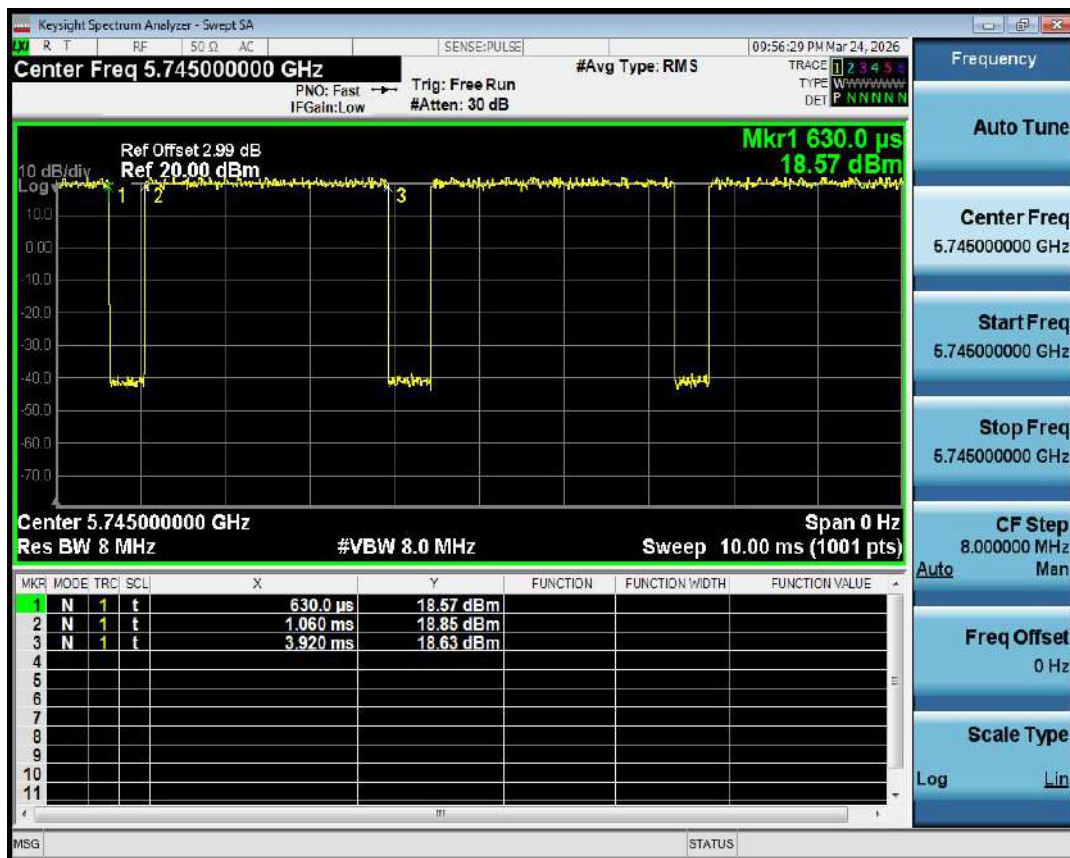
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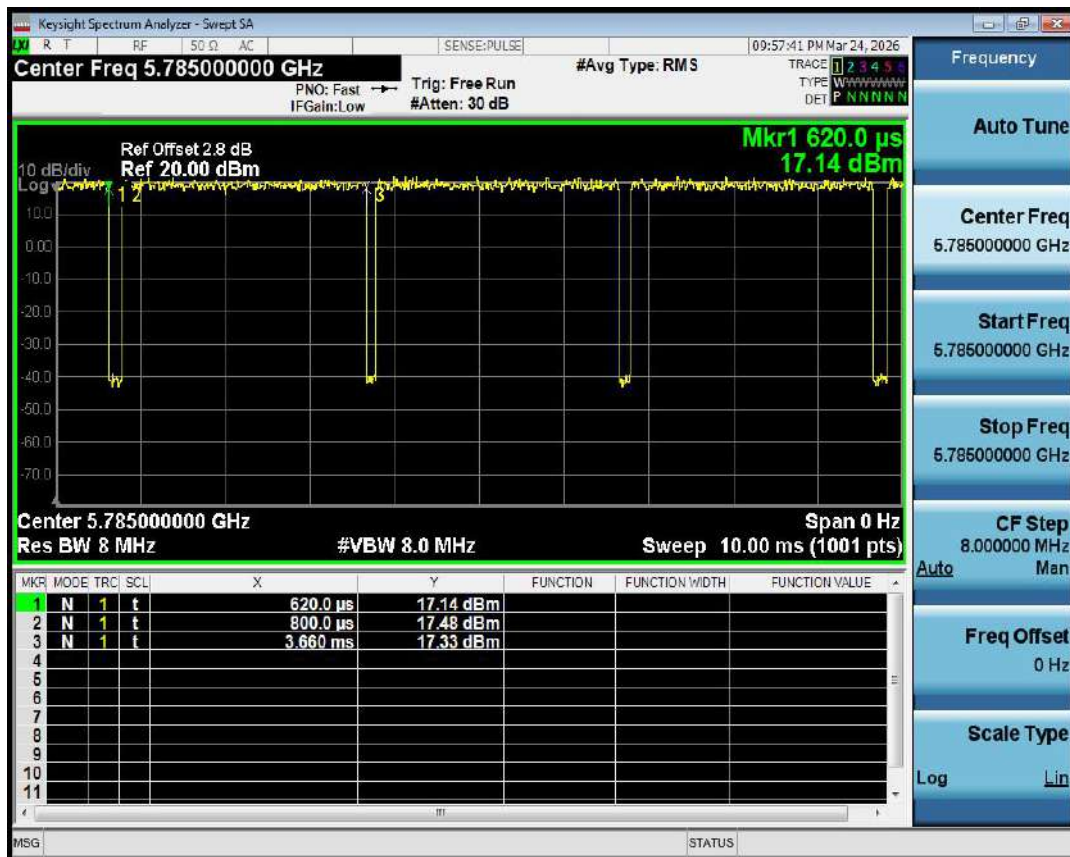
Duty Cycle NVNT ac40 5755MHz Ant1



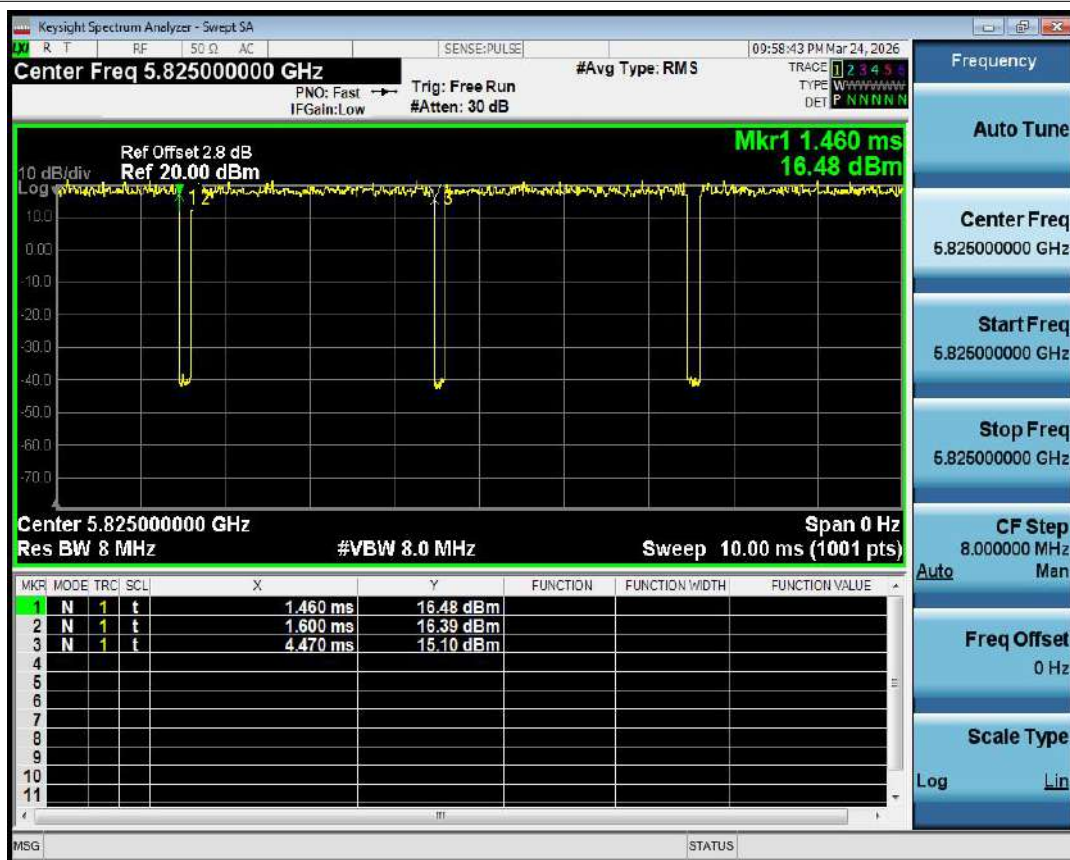
Duty Cycle NVNT ac40 5795MHz Ant1



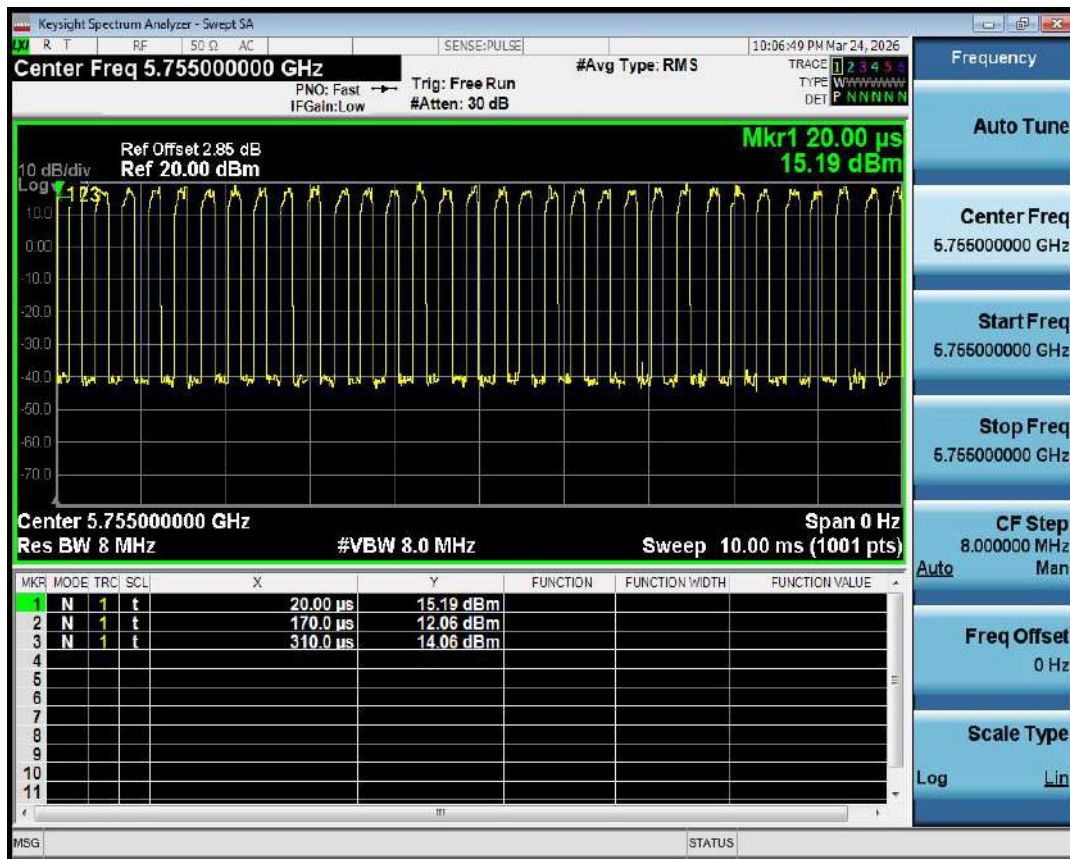
Duty Cycle NVNT ax20 5745MHz Ant1



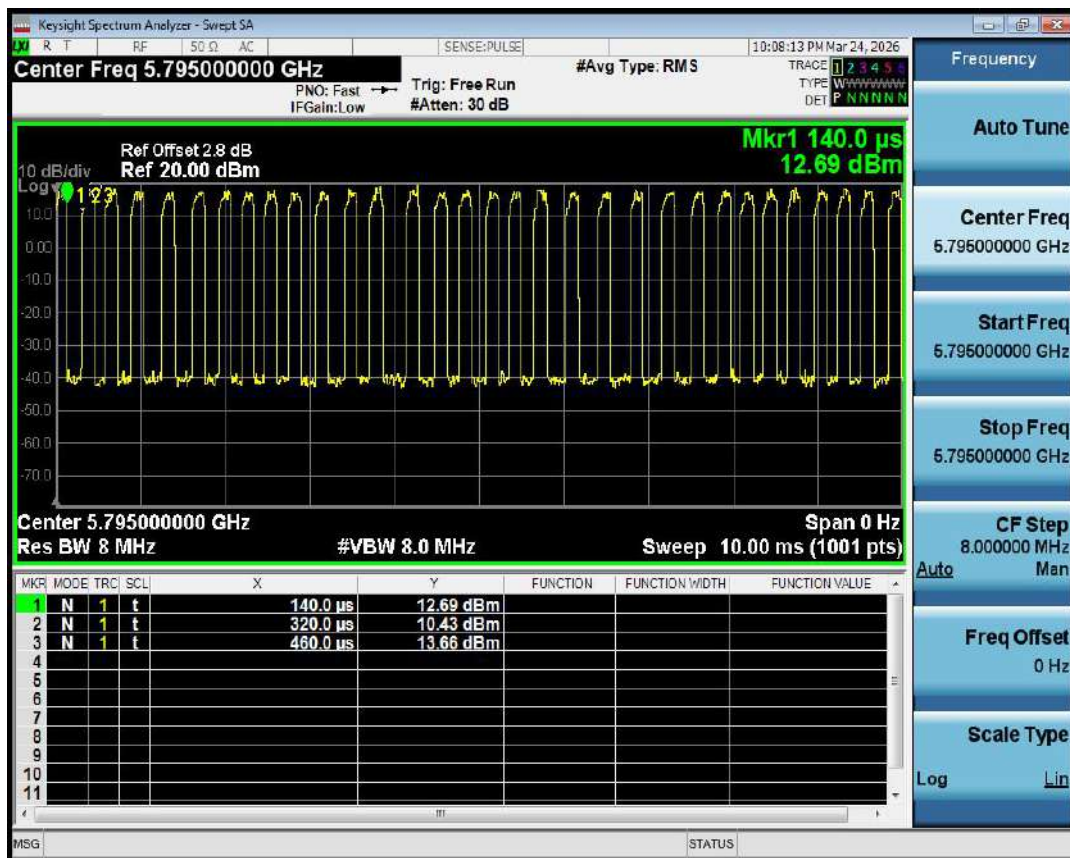
Duty Cycle NVNT ax20 5785MHz Ant1



Duty Cycle NVNT ax20 5825MHz Ant1



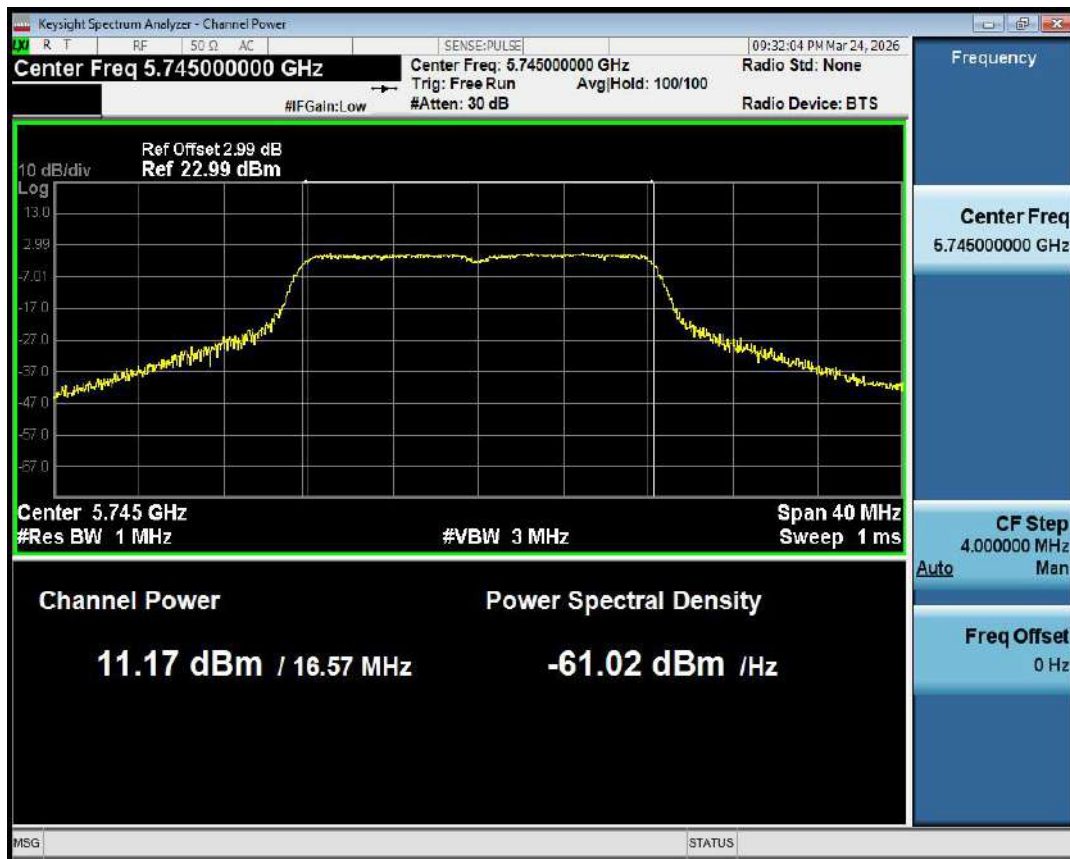
Duty Cycle NVNT ax40 5755MHz Ant1



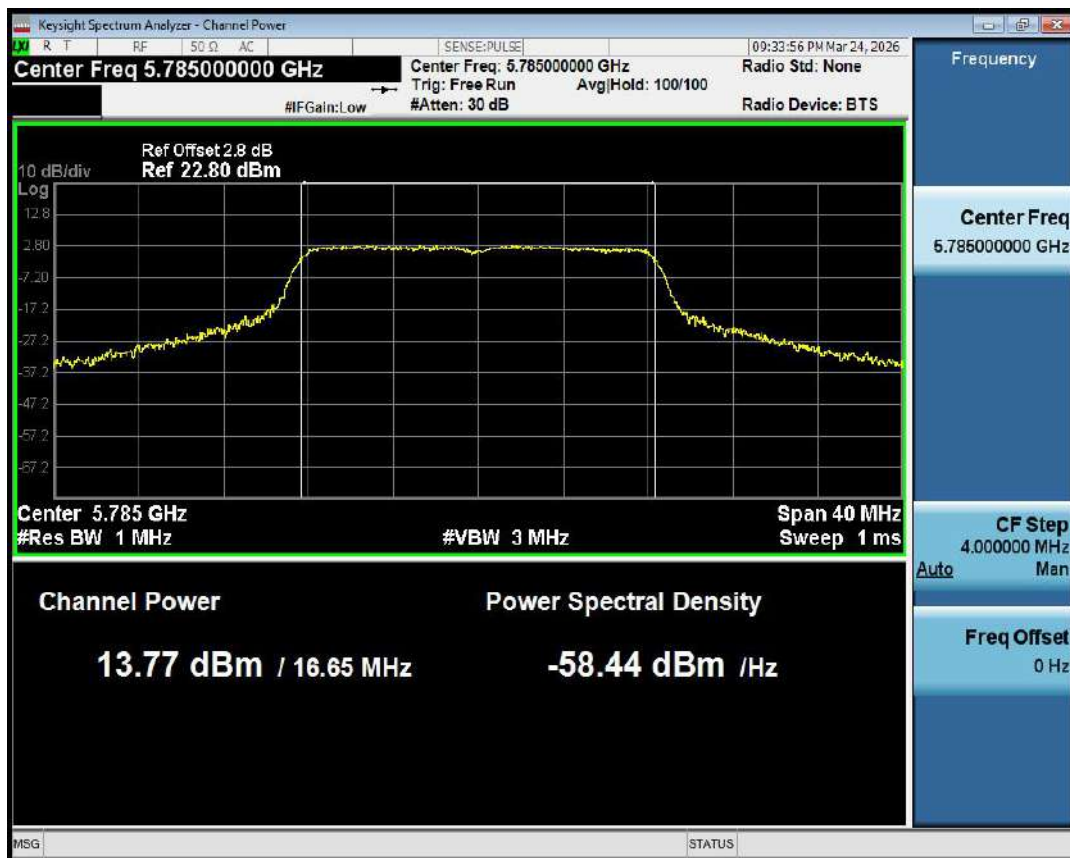
Duty Cycle NVNT ax40 5795MHz Ant1

2. Maximum Conducted Output Power

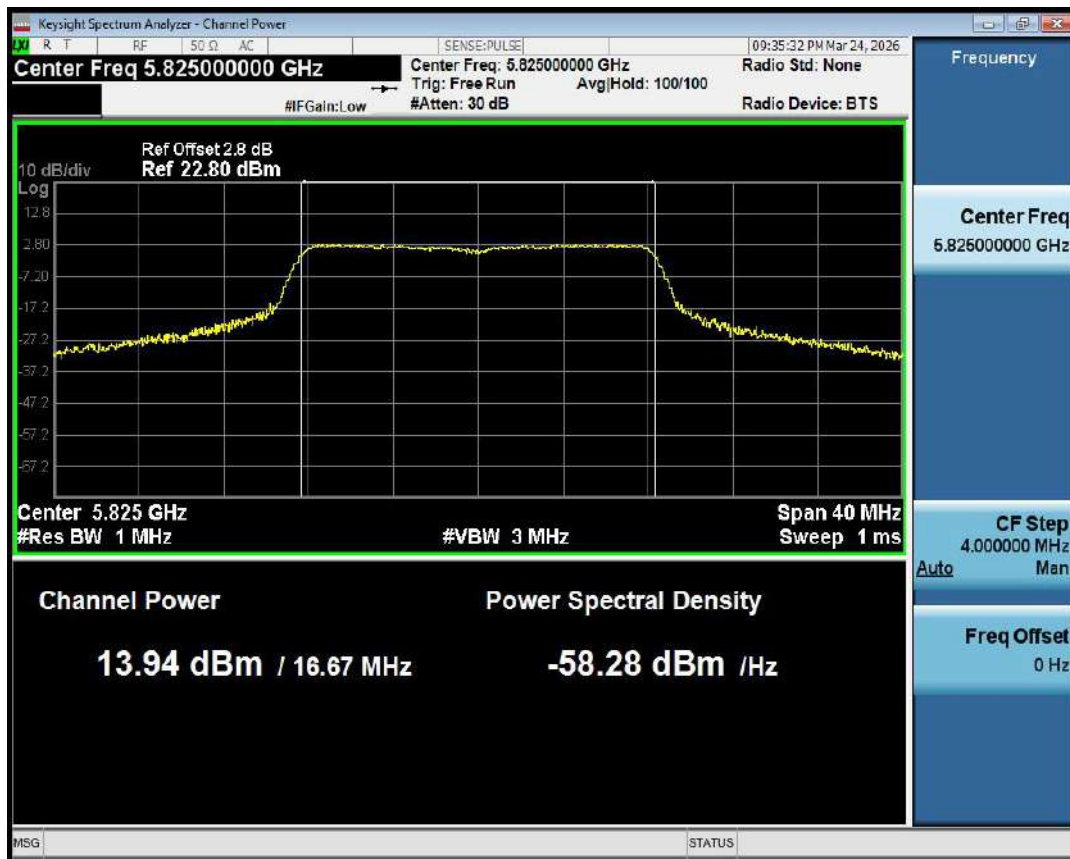
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	a	5745	Ant1	11.17	1.06	12.23	0.01671	30	Pass
NVNT	a	5785	Ant1	13.77	1.34	15.11	0.03243	30	Pass
NVNT	a	5825	Ant1	13.94	1.08	15.02	0.03177	30	Pass
NVNT	n20	5745	Ant1	16.47	0.39	16.86	0.04853	30	Pass
NVNT	n20	5785	Ant1	15.37	0.15	15.52	0.03565	30	Pass
NVNT	n20	5825	Ant1	14.57	0.24	14.81	0.03027	30	Pass
NVNT	n40	5755	Ant1	13.59	2.7	16.29	0.04256	30	Pass
NVNT	n40	5795	Ant1	14.45	2.09	16.54	0.04508	30	Pass
NVNT	ac20	5745	Ant1	16.06	0.31	16.37	0.04335	30	Pass
NVNT	ac20	5785	Ant1	15.39	0.22	15.61	0.03639	30	Pass
NVNT	ac20	5825	Ant1	14.62	0.24	14.86	0.03062	30	Pass
NVNT	ac40	5755	Ant1	13.65	2.47	16.12	0.04093	30	Pass
NVNT	ac40	5795	Ant1	12.79	3.82	16.61	0.04581	30	Pass
NVNT	ax20	5745	Ant1	16.16	0.61	16.77	0.04753	30	Pass
NVNT	ax20	5785	Ant1	15.46	0.27	15.73	0.03741	30	Pass
NVNT	ax20	5825	Ant1	14.54	0.21	14.75	0.02985	30	Pass
NVNT	ax40	5755	Ant1	12.93	3.16	16.09	0.04064	30	Pass
NVNT	ax40	5795	Ant1	12.36	3.59	15.95	0.03936	30	Pass



Power NVNT a 5745MHz Ant1



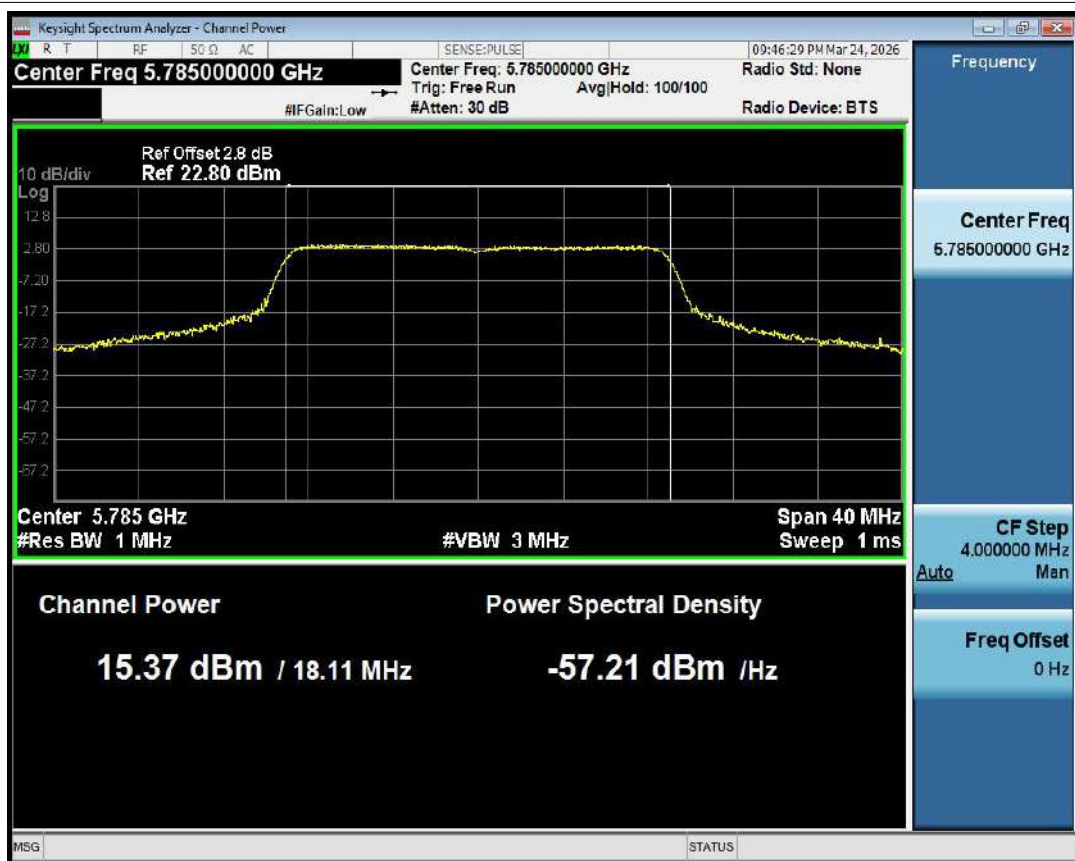
Power NVNT a 5785MHz Ant1



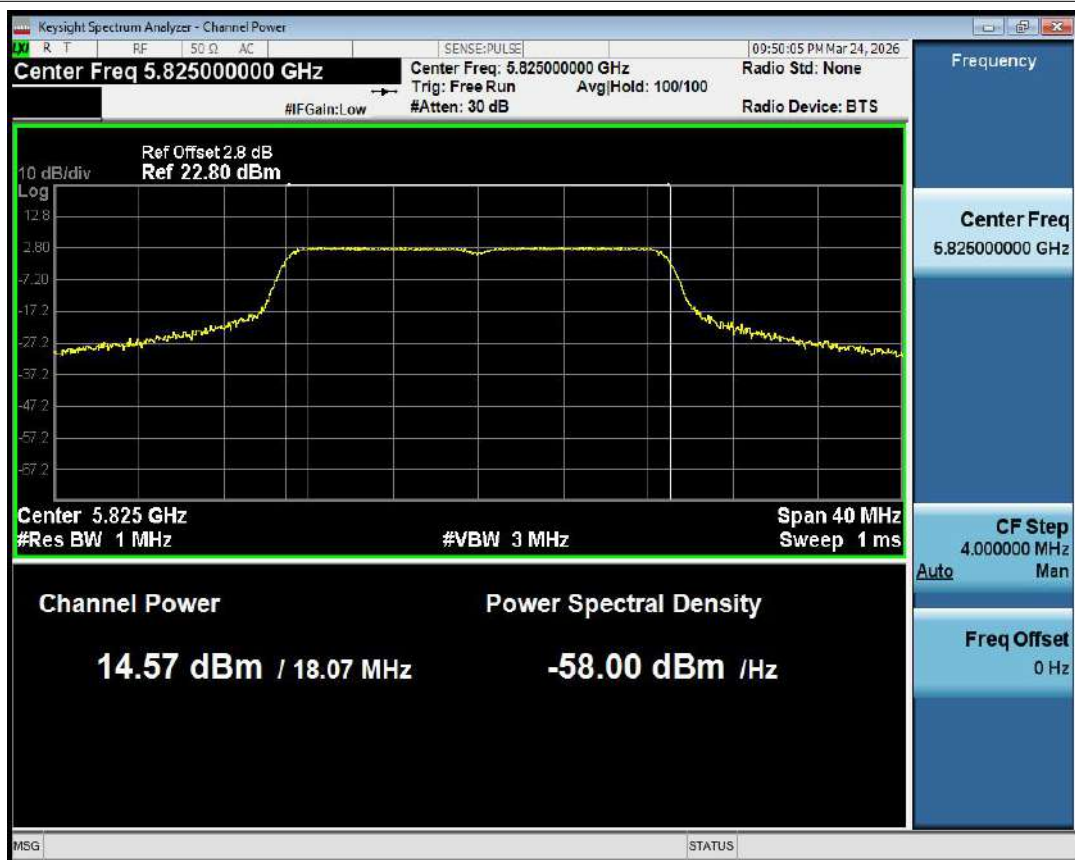
Power NVNT a 5825MHz Ant1



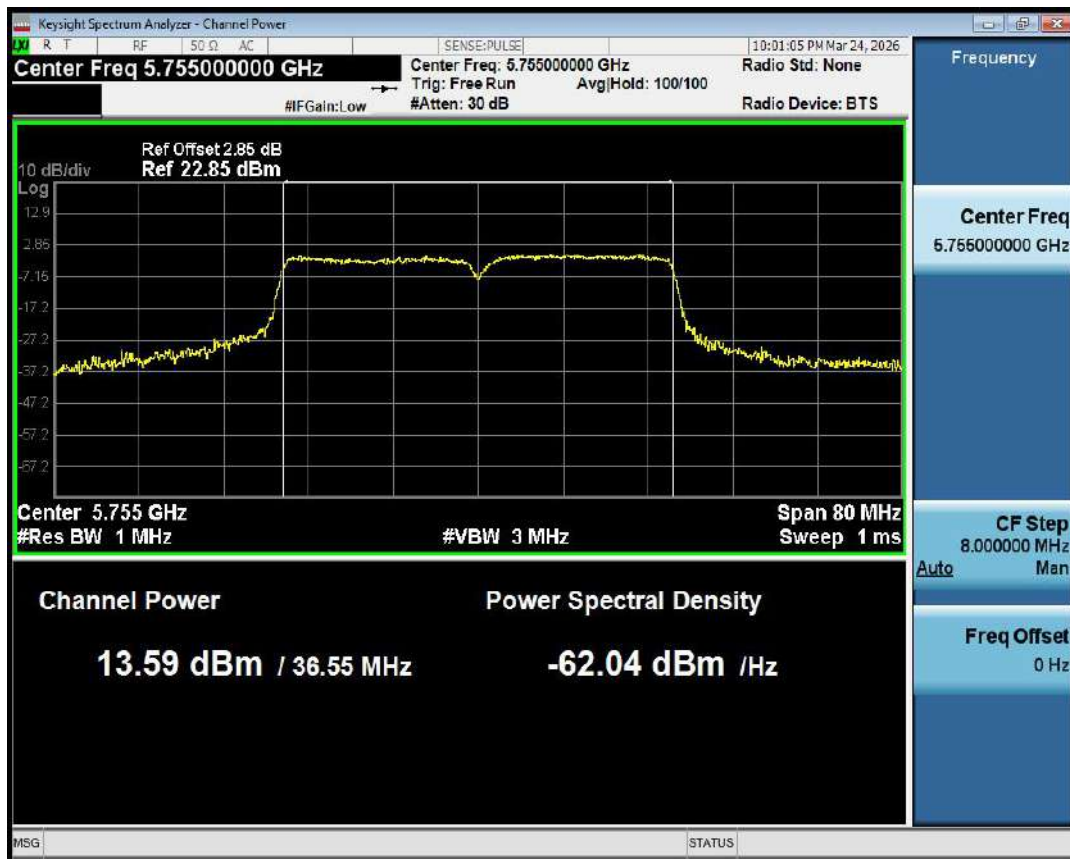
Power NVNT n20 5745MHz Ant1



Power NVNT n20 5785MHz Ant1



Power NVNT n20 5825MHz Ant1



Power NVNT n40 5755MHz Ant1



Power NVNT n40 5795MHz Ant1



Power NVNT ac20 5745MHz Ant1



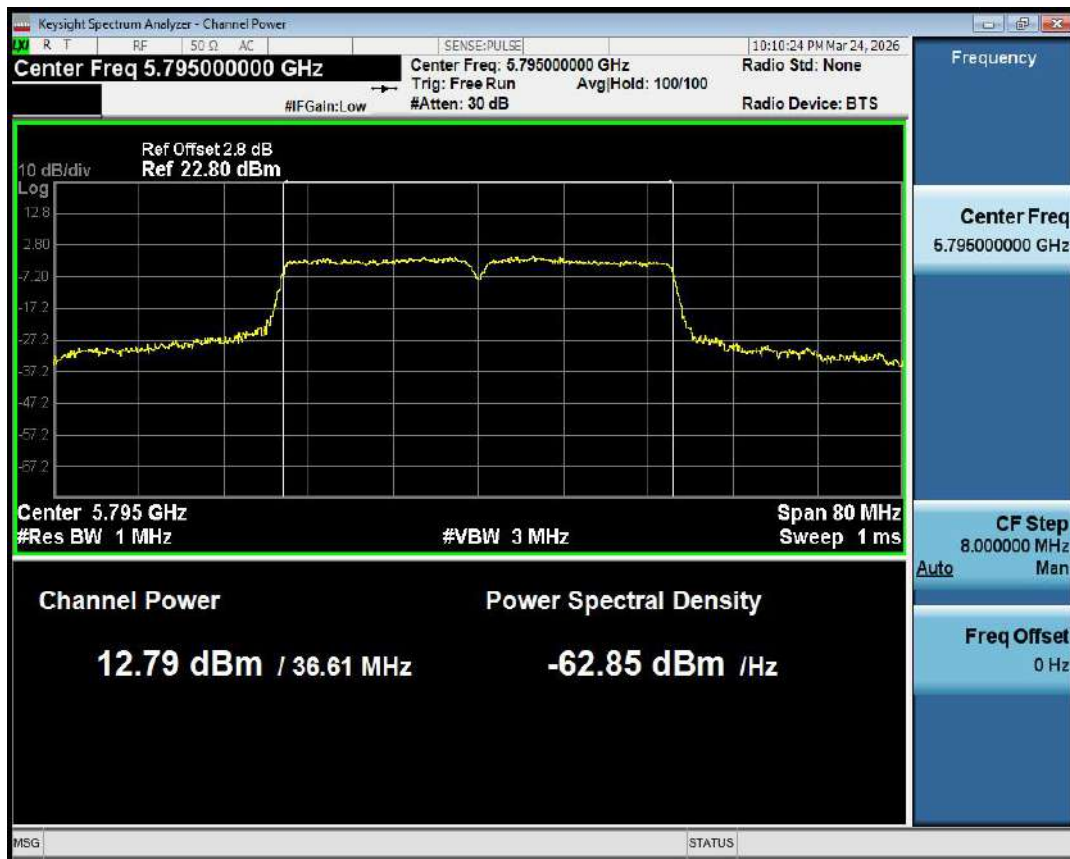
Power NVNT ac20 5785MHz Ant1



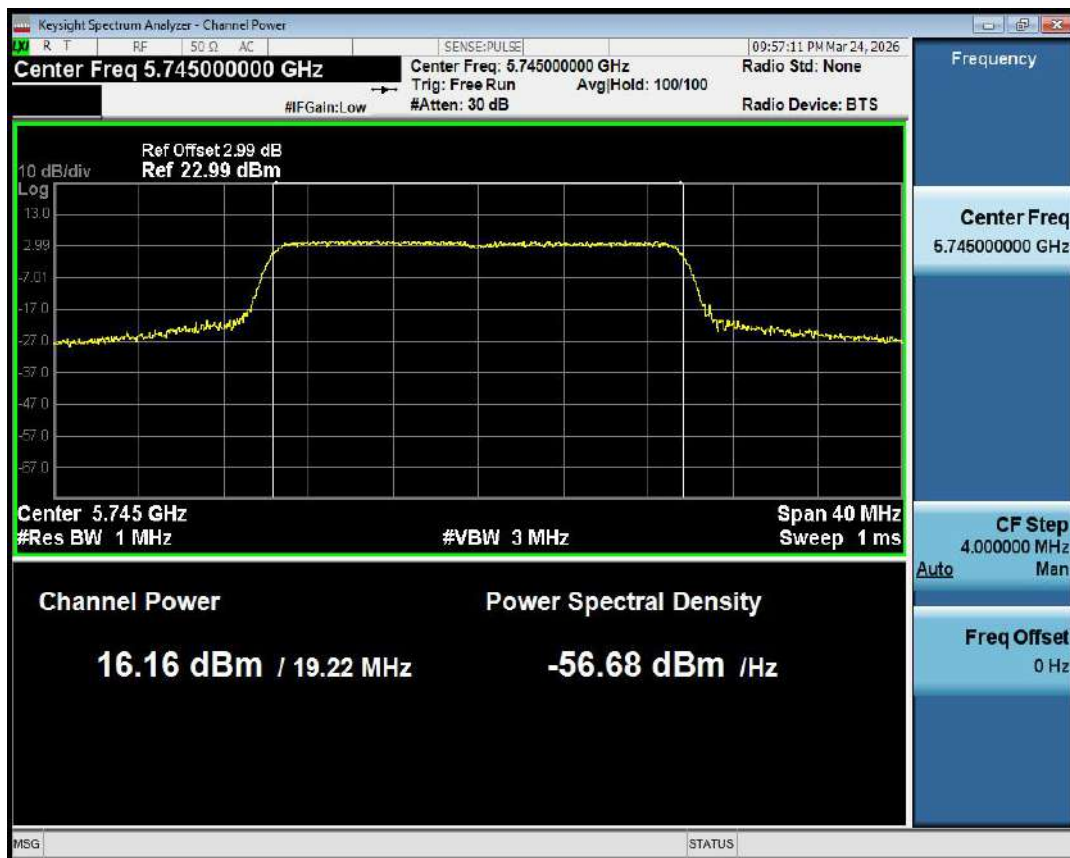
Power NVNT ac20 5825MHz Ant1



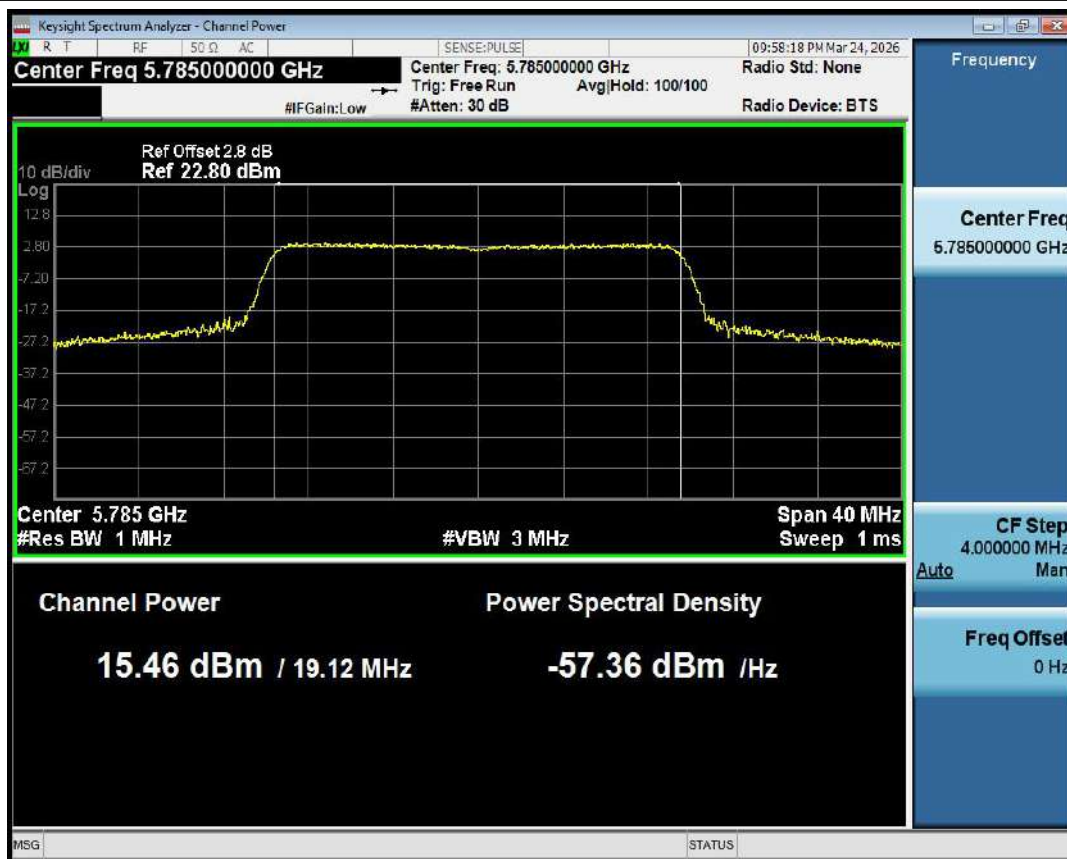
Power NVNT ac40 5755MHz Ant1



Power NVNT ac40 5795MHz Ant1



Power NVNT ax20 5745MHz Ant1



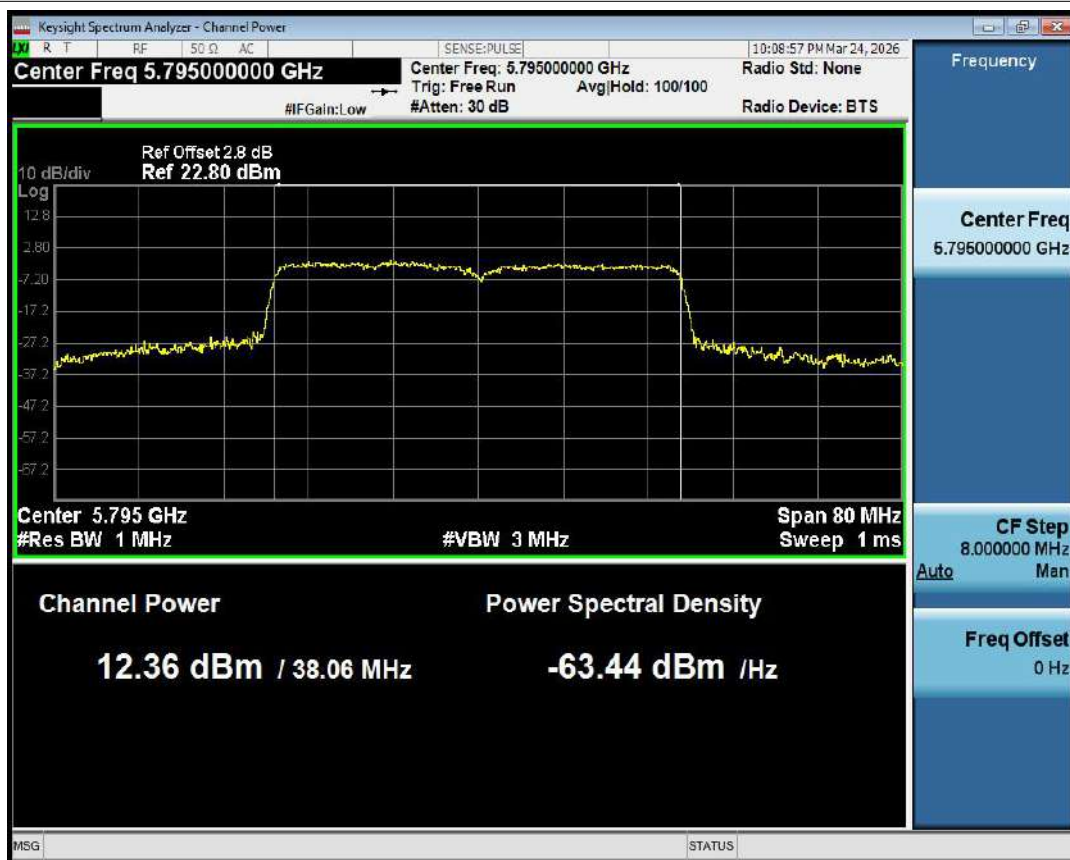
Power NVNT ax20 5785MHz Ant1



Power NVNT ax20 5825MHz Ant1



Power NVNT ax40 5755MHz Ant1



Power NVNT ax40 5795MHz Ant1

3. -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.49	0.5	Pass
NVNT	a	5785	Ant1	16.5	0.5	Pass
NVNT	a	5825	Ant1	16.47	0.5	Pass
NVNT	n20	5745	Ant1	17.6	0.5	Pass
NVNT	n20	5785	Ant1	17.62	0.5	Pass
NVNT	n20	5825	Ant1	17.6	0.5	Pass
NVNT	n40	5755	Ant1	36.5	0.5	Pass
NVNT	n40	5795	Ant1	36.43	0.5	Pass
NVNT	ac20	5745	Ant1	17.6	0.5	Pass
NVNT	ac20	5785	Ant1	17.6	0.5	Pass
NVNT	ac20	5825	Ant1	17.6	0.5	Pass
NVNT	ac40	5755	Ant1	36.45	0.5	Pass
NVNT	ac40	5795	Ant1	36.41	0.5	Pass
NVNT	ax20	5745	Ant1	18.98	0.5	Pass
NVNT	ax20	5785	Ant1	18.97	0.5	Pass
NVNT	ax20	5825	Ant1	18.98	0.5	Pass
NVNT	ax40	5755	Ant1	38.01	0.5	Pass
NVNT	ax40	5795	Ant1	38.02	0.5	Pass



-6dB Bandwidth NVNT a 5745MHz Ant1



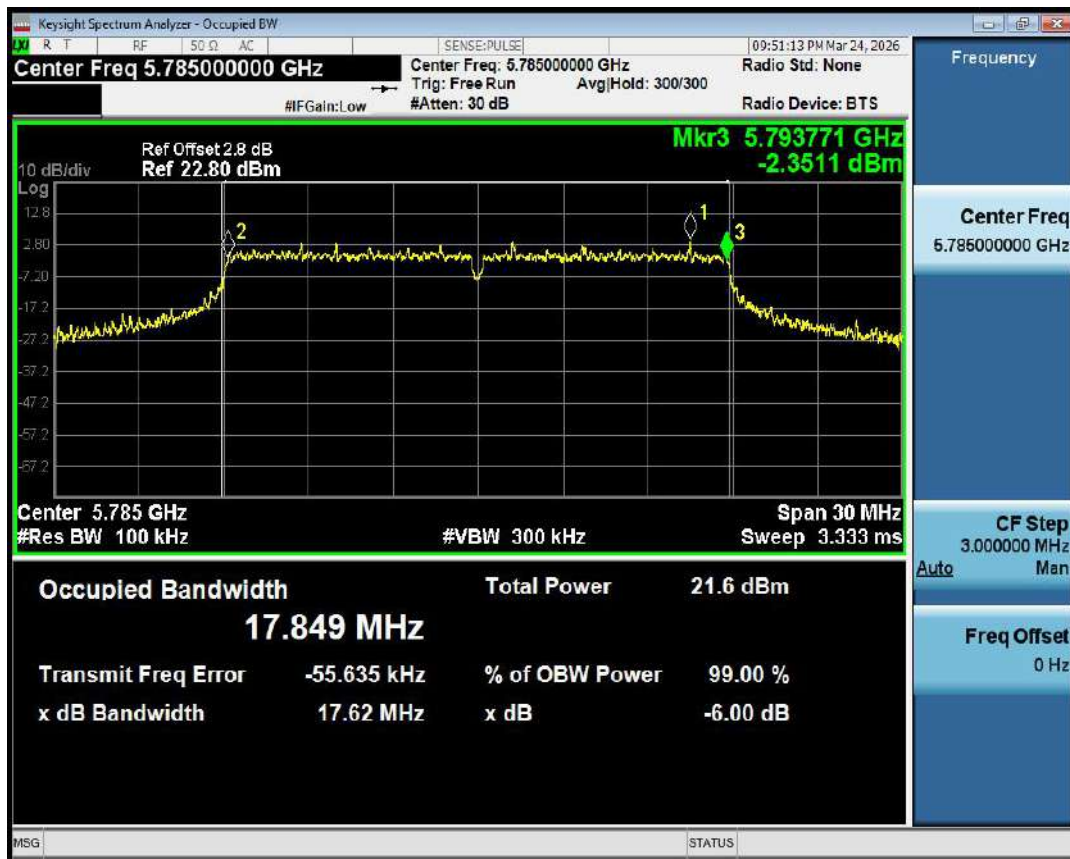
-6dB Bandwidth NVNT a 5785MHz Ant1



-6dB Bandwidth NVNT a 5825MHz Ant1



-6dB Bandwidth NVNT n20 5745MHz Ant1



-6dB Bandwidth NVNT n20 5785MHz Ant1



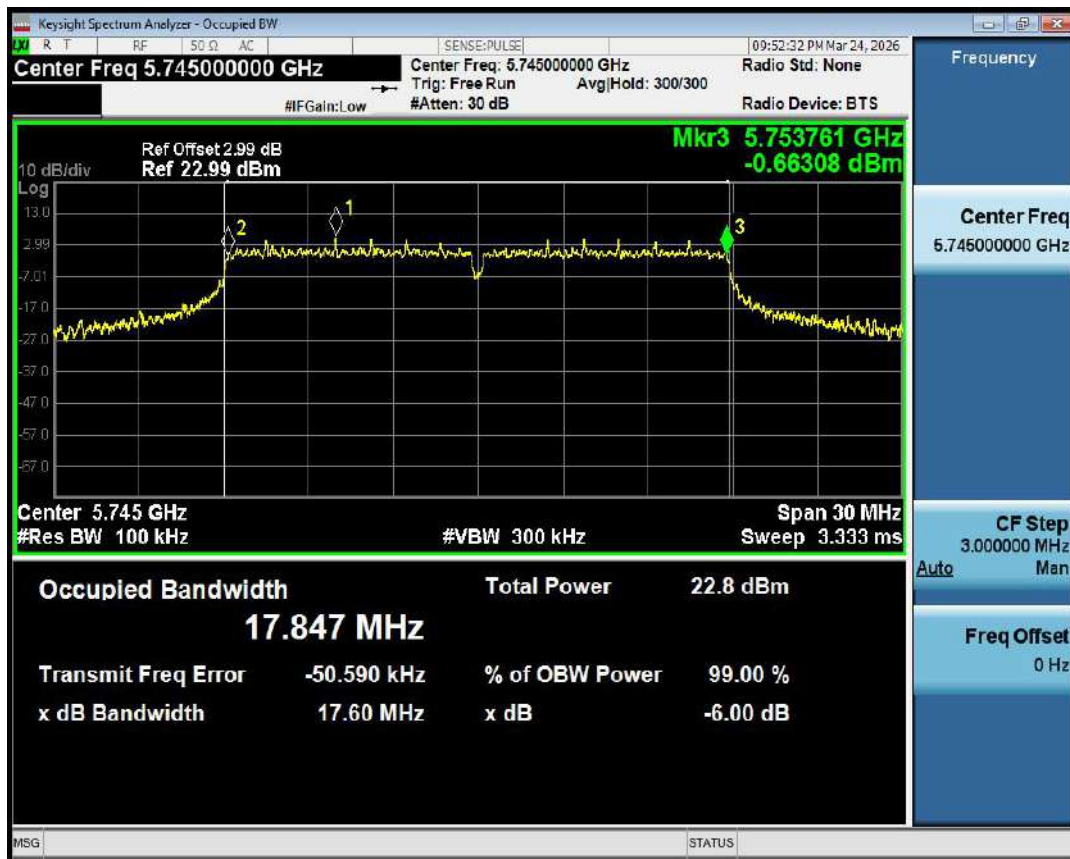
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1



-6dB Bandwidth NVNT ac20 5745MHz Ant1



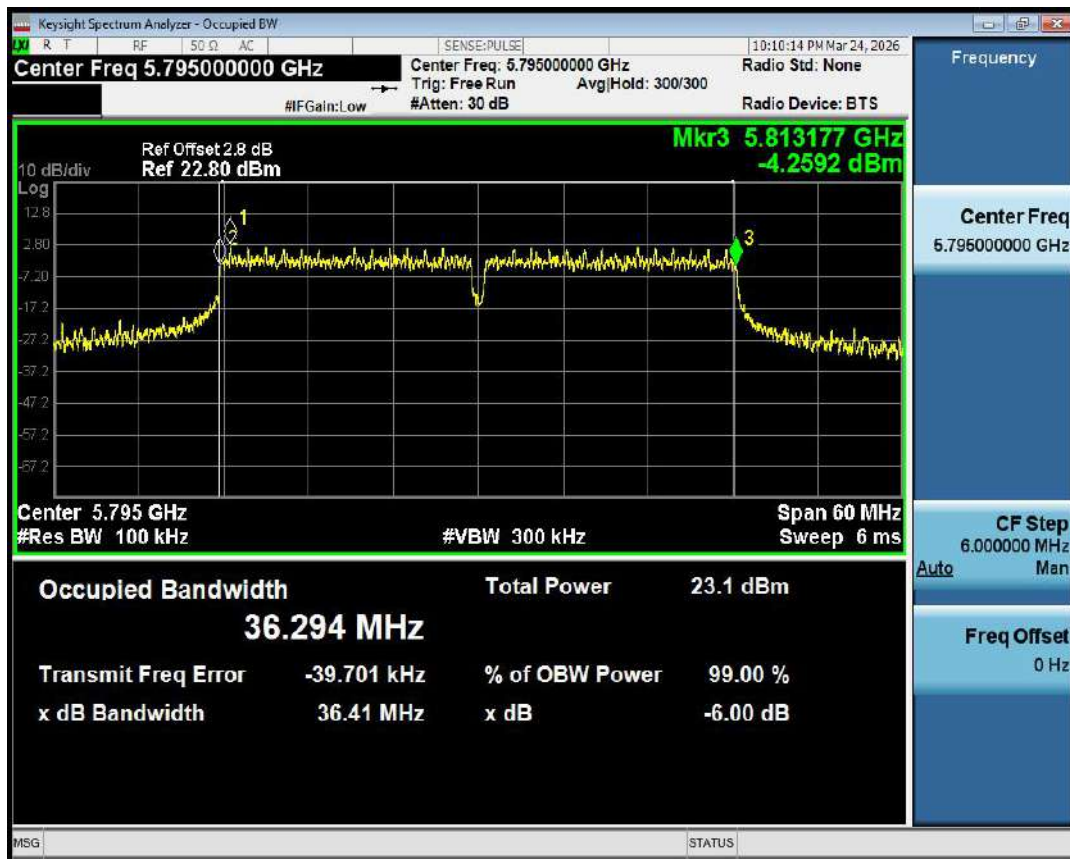
-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5795MHz Ant1



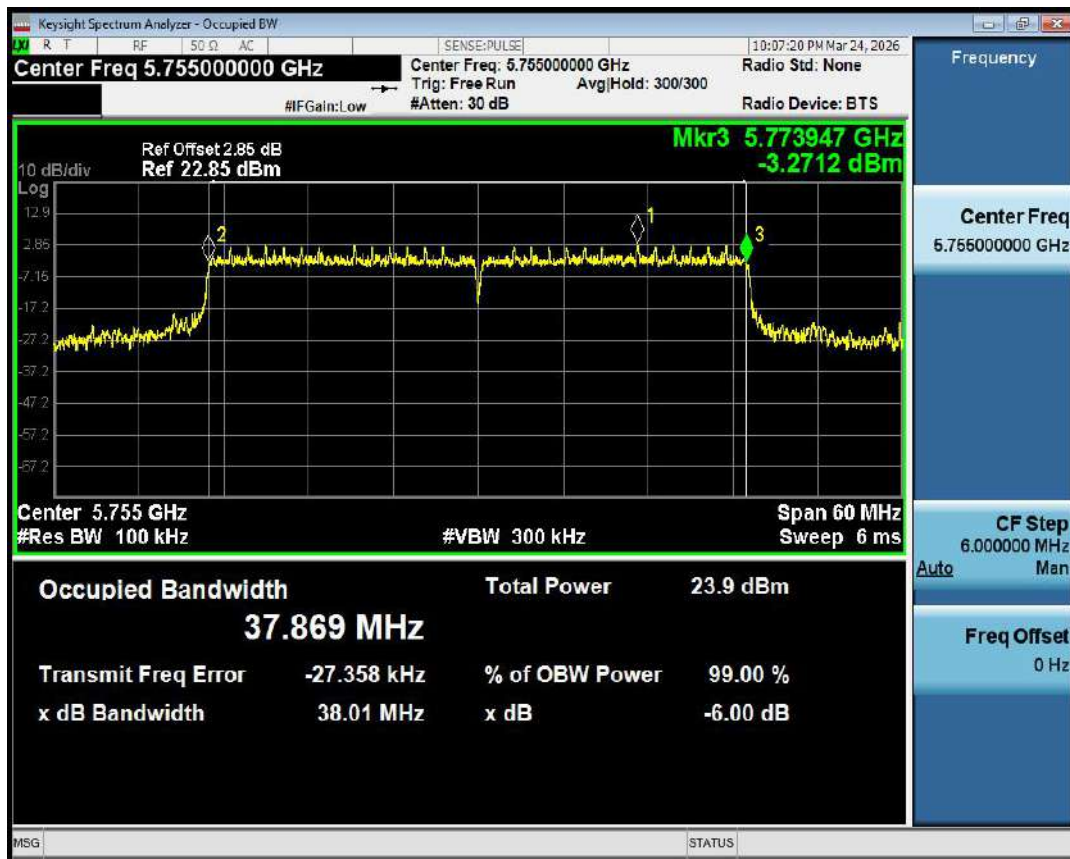
-6dB Bandwidth NVNT ax20 5745MHz Ant1



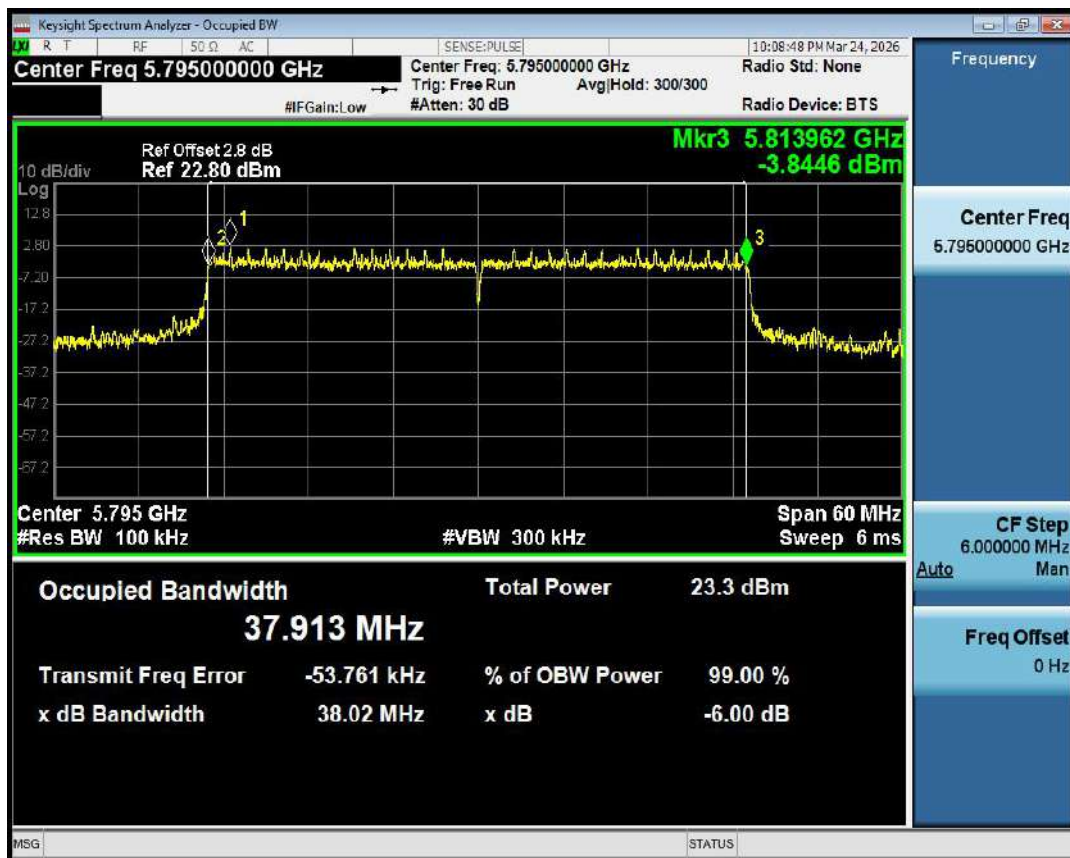
-6dB Bandwidth NVNT ax20 5785MHz Ant1



-6dB Bandwidth NVNT ax20 5825MHz Ant1



-6dB Bandwidth NVNT ax40 5755MHz Ant1



-6dB Bandwidth NVNT ax40 5795MHz Ant1