

FCC ID:2BUXG-AL4MW301W

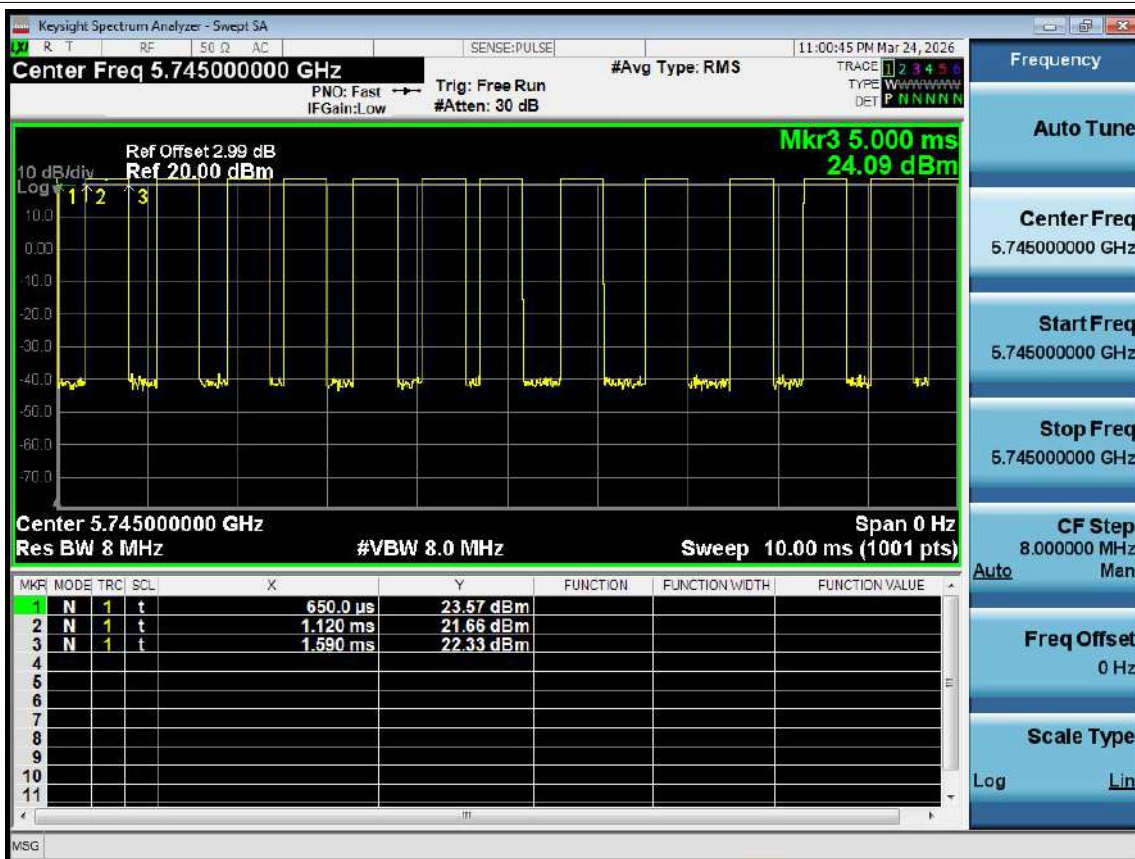
FCC_5.8G_WIFI (Part15.407) Test Data

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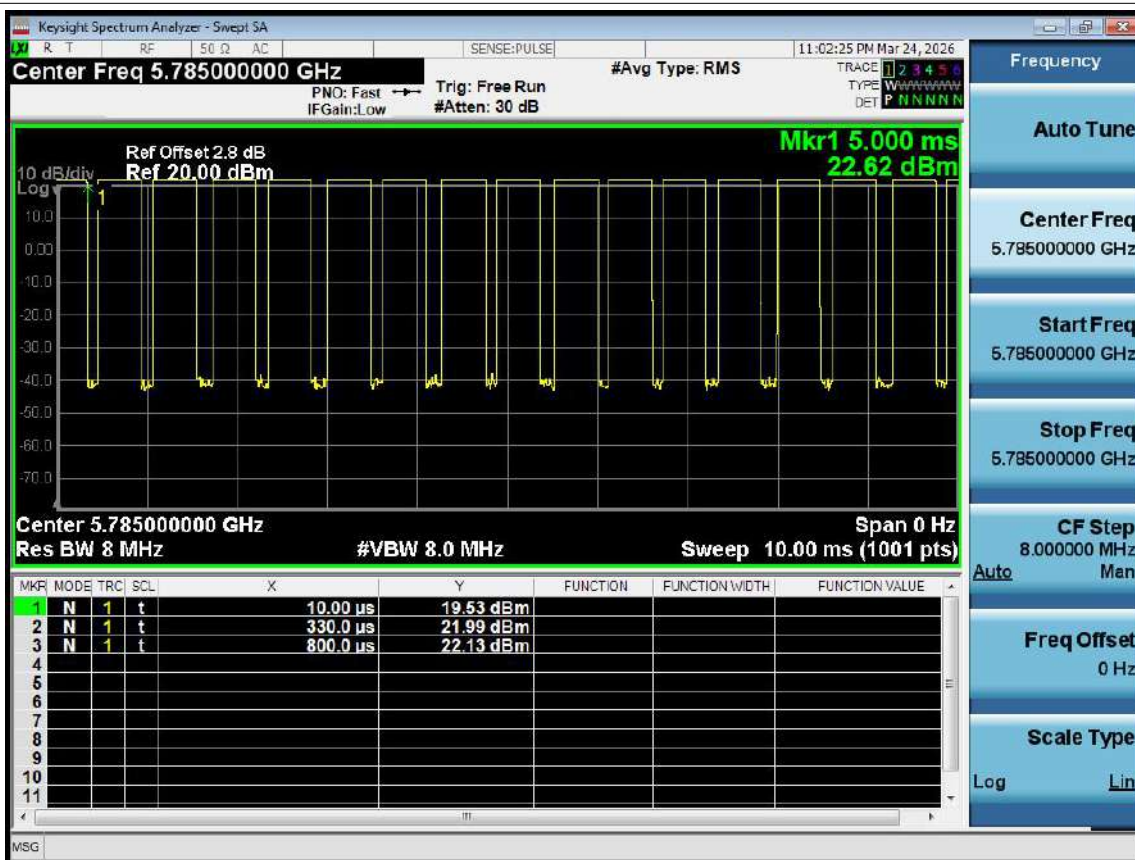
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1. Duty Cycle

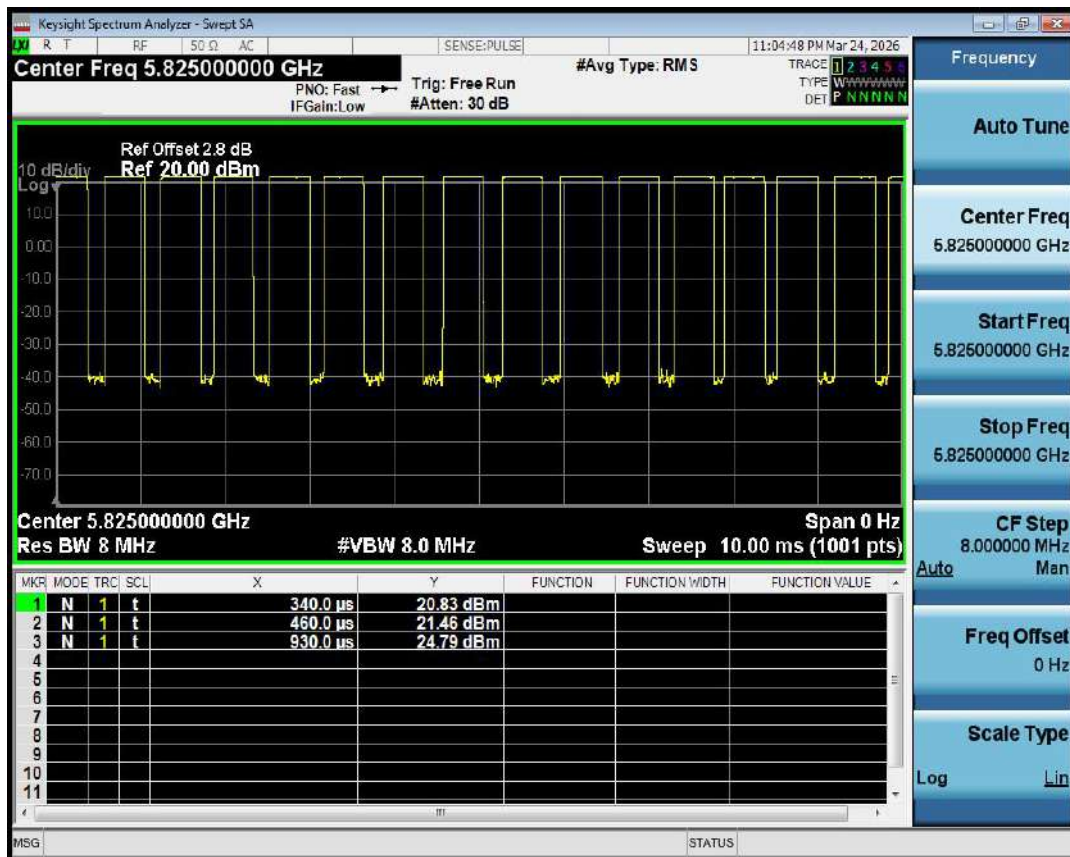
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	59.49	2.26	2.13
NVNT	a	5785	Ant1	79.66	0.99	2.13
NVNT	a	5825	Ant1	69.12	1.6	2.13
NVNT	n20	5745	Ant1	94.92	0.23	0.27
NVNT	n20	5785	Ant1	96.38	0.16	0.27
NVNT	n20	5825	Ant1	93.97	0.27	0.27
NVNT	n40	5755	Ant1	62.86	2.02	4.55
NVNT	n40	5795	Ant1	55	2.6	4.55
NVNT	ac20	5745	Ant1	92.59	0.33	0.27
NVNT	ac20	5785	Ant1	94.46	0.25	0.27
NVNT	ac20	5825	Ant1	95.91	0.18	0.27
NVNT	ac40	5755	Ant1	54.84	2.61	5.88
NVNT	ac40	5795	Ant1	43.59	3.61	5.88
NVNT	ax20	5745	Ant1	90.79	0.42	0.35
NVNT	ax20	5785	Ant1	94.7	0.24	0.35
NVNT	ax20	5825	Ant1	95.99	0.18	0.35
NVNT	ax40	5755	Ant1	46.67	3.31	7.14
NVNT	ax40	5795	Ant1	53.85	2.69	7.14



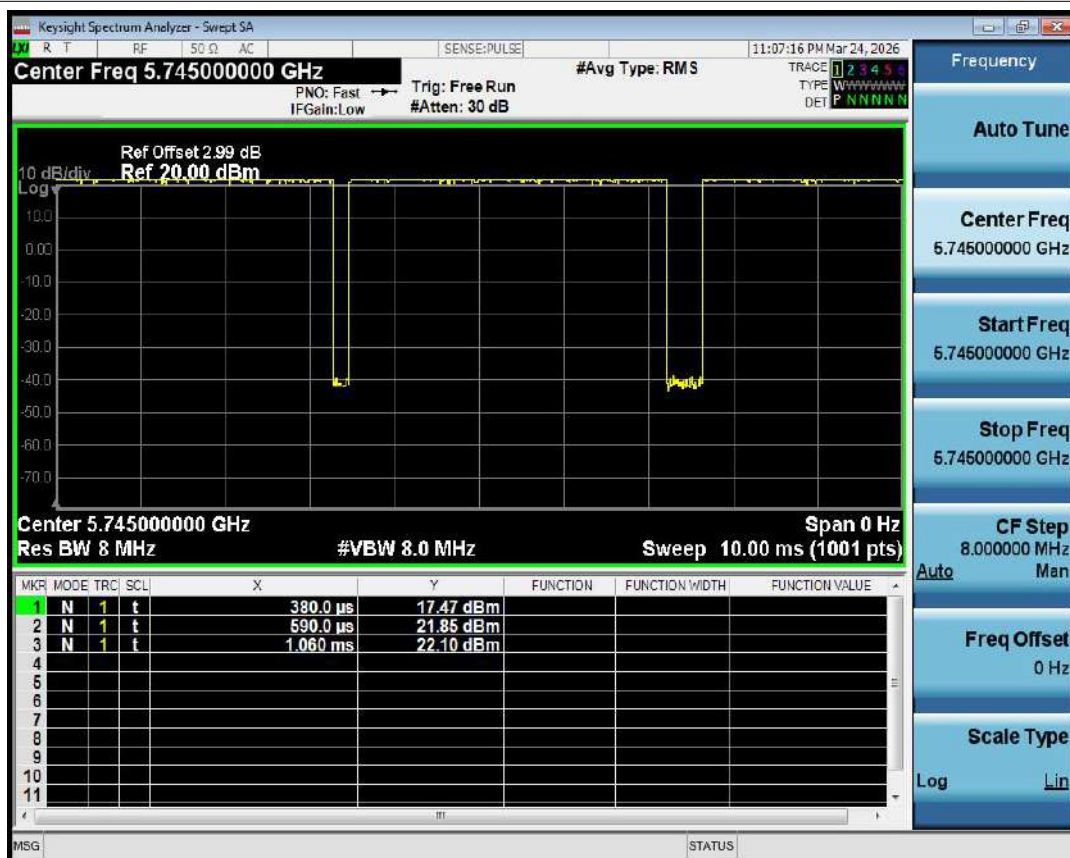
Duty Cycle NVNT a 5745MHz Ant1



Duty Cycle NVNT a 5785MHz Ant1



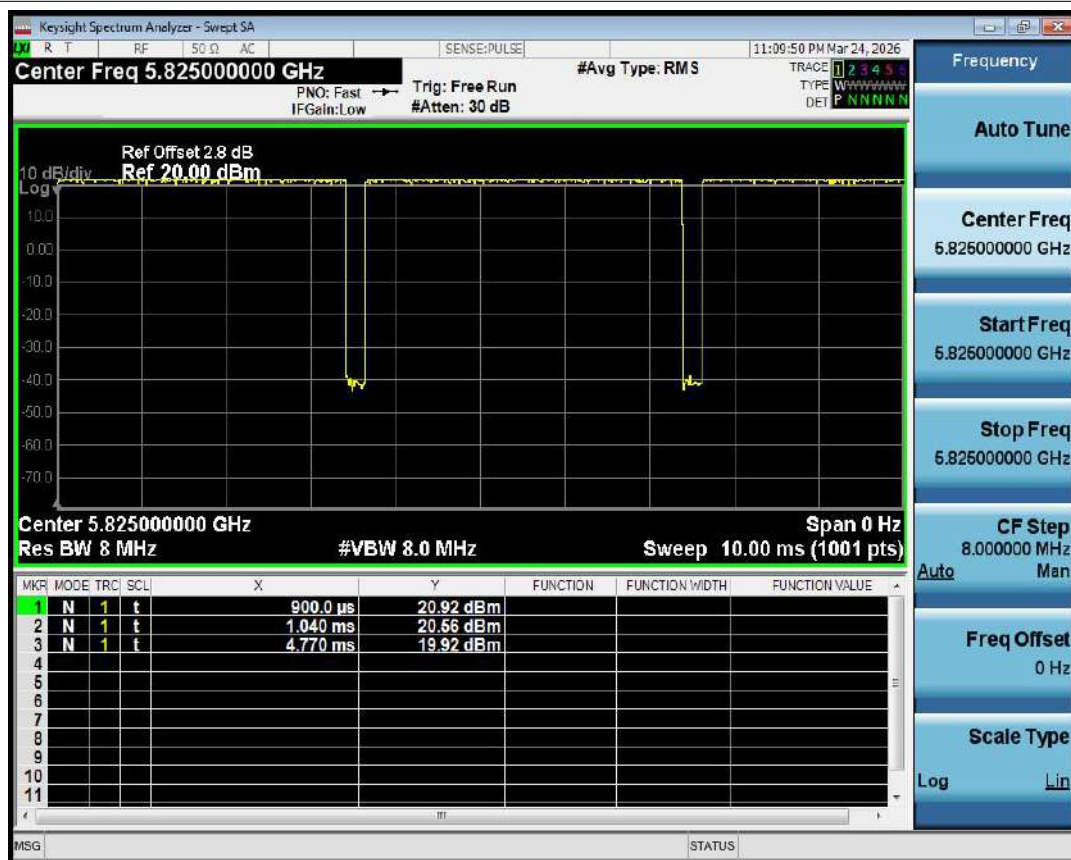
Duty Cycle NVNT a 5825MHz Ant1



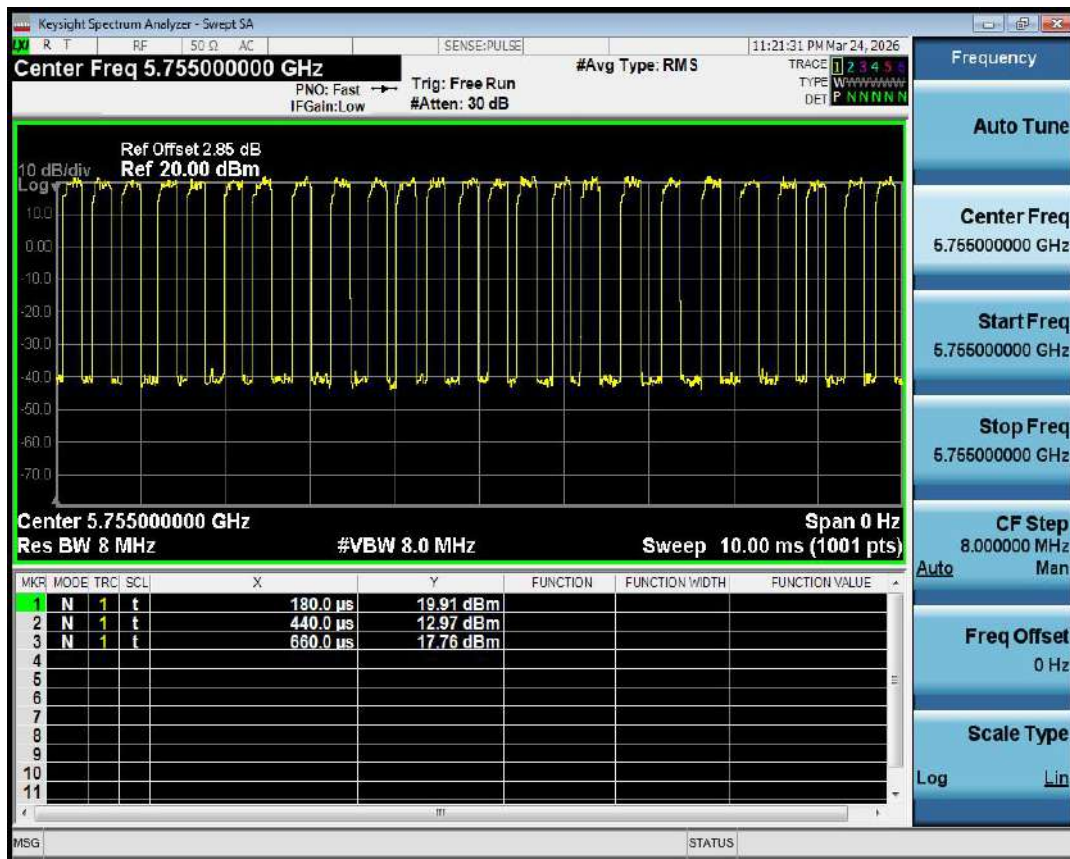
Duty Cycle NVNT n20 5745MHz Ant1



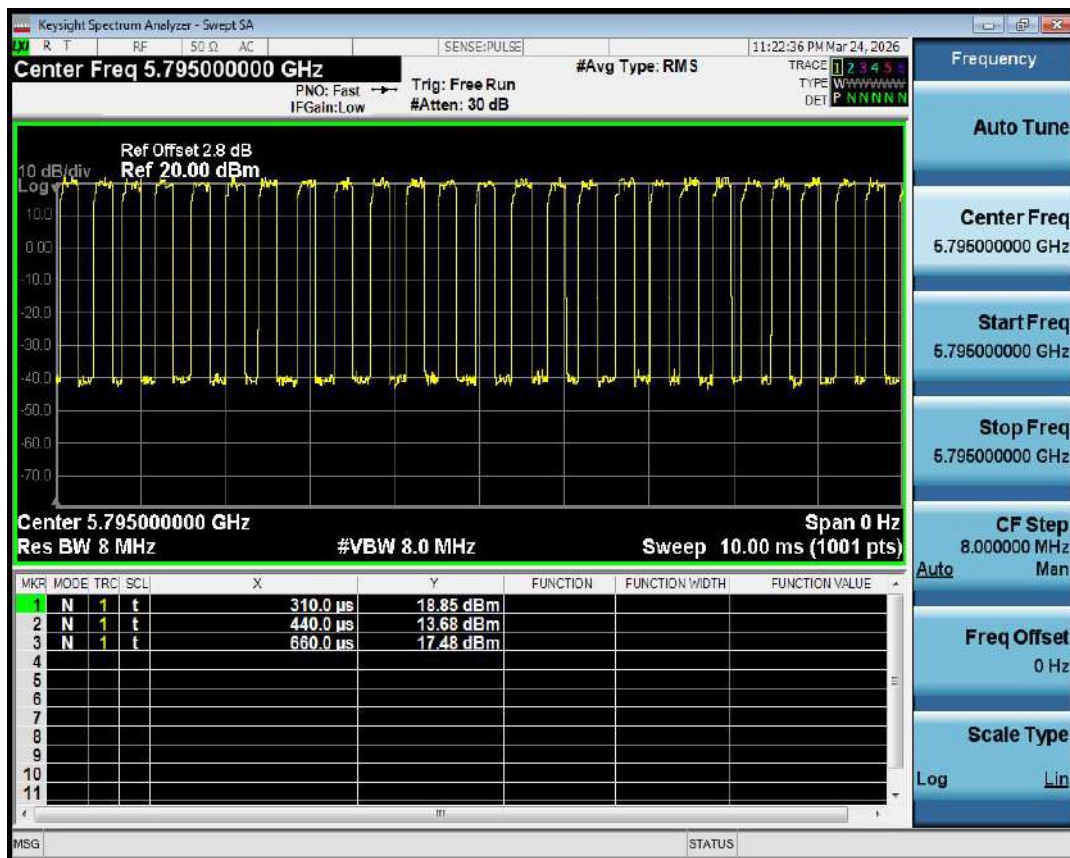
Duty Cycle NVNT n20 5785MHz Ant1



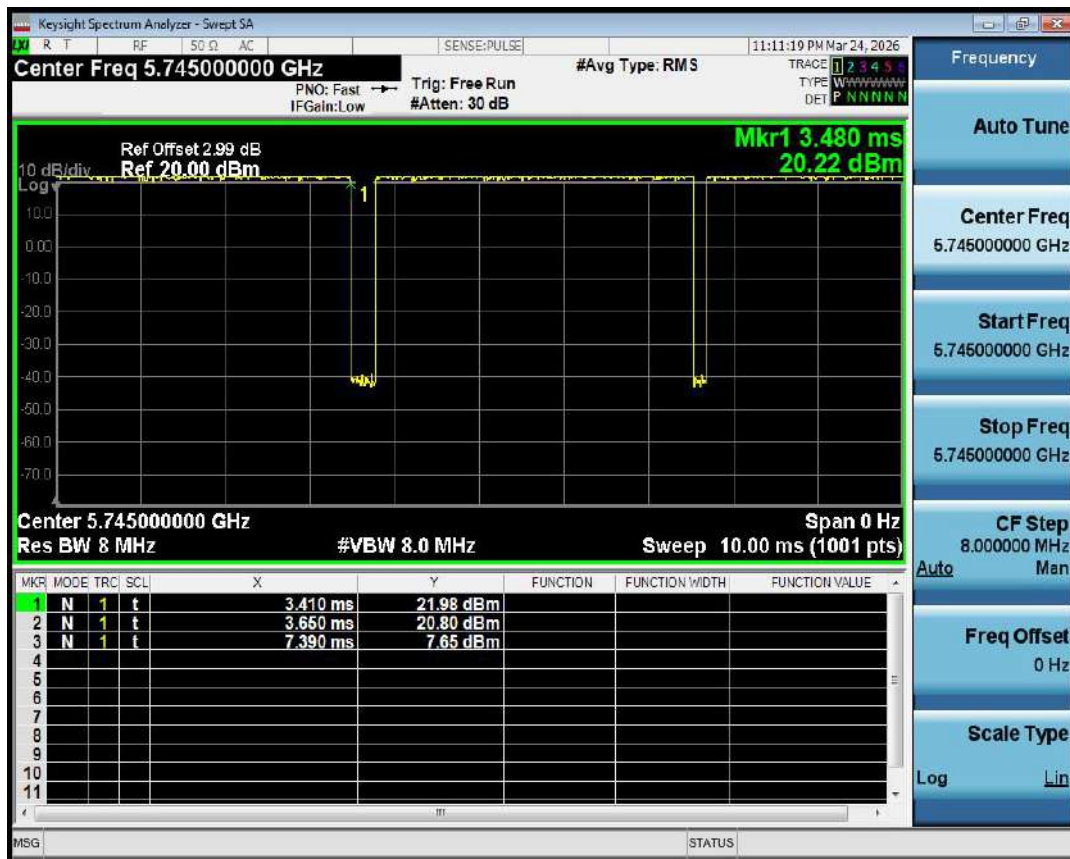
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



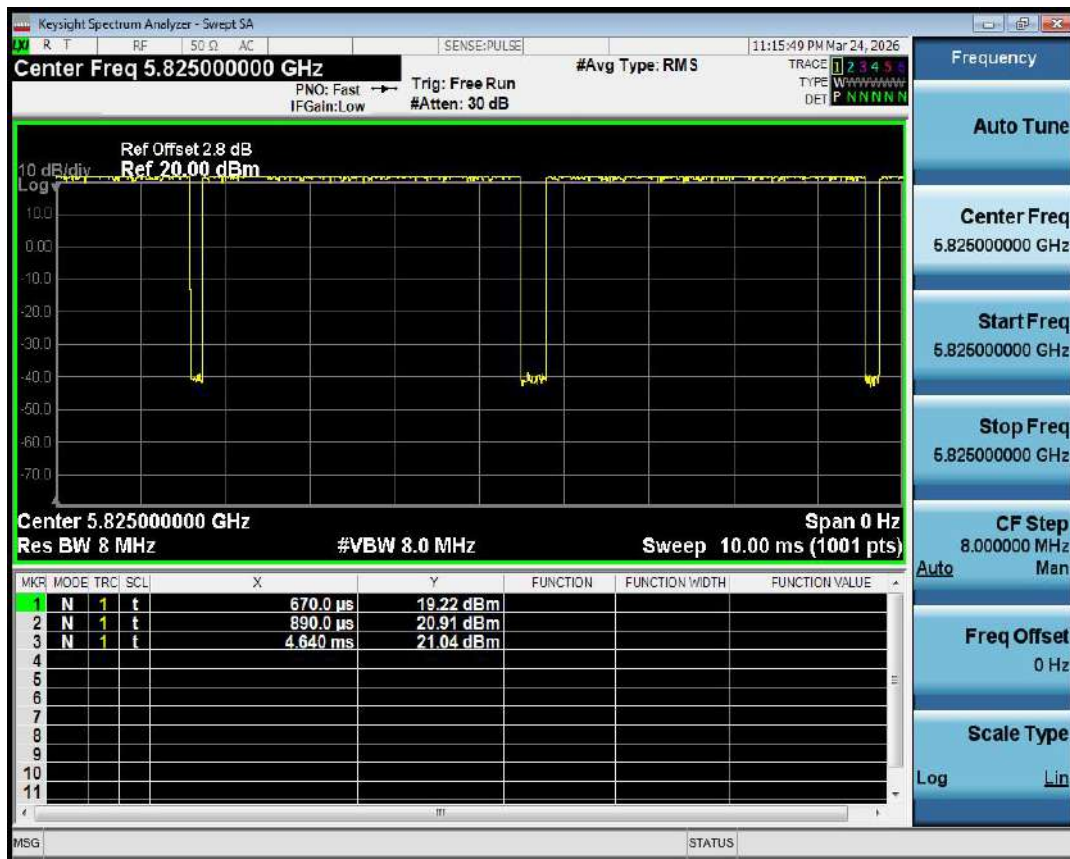
Duty Cycle NVNT n40 5795MHz Ant1



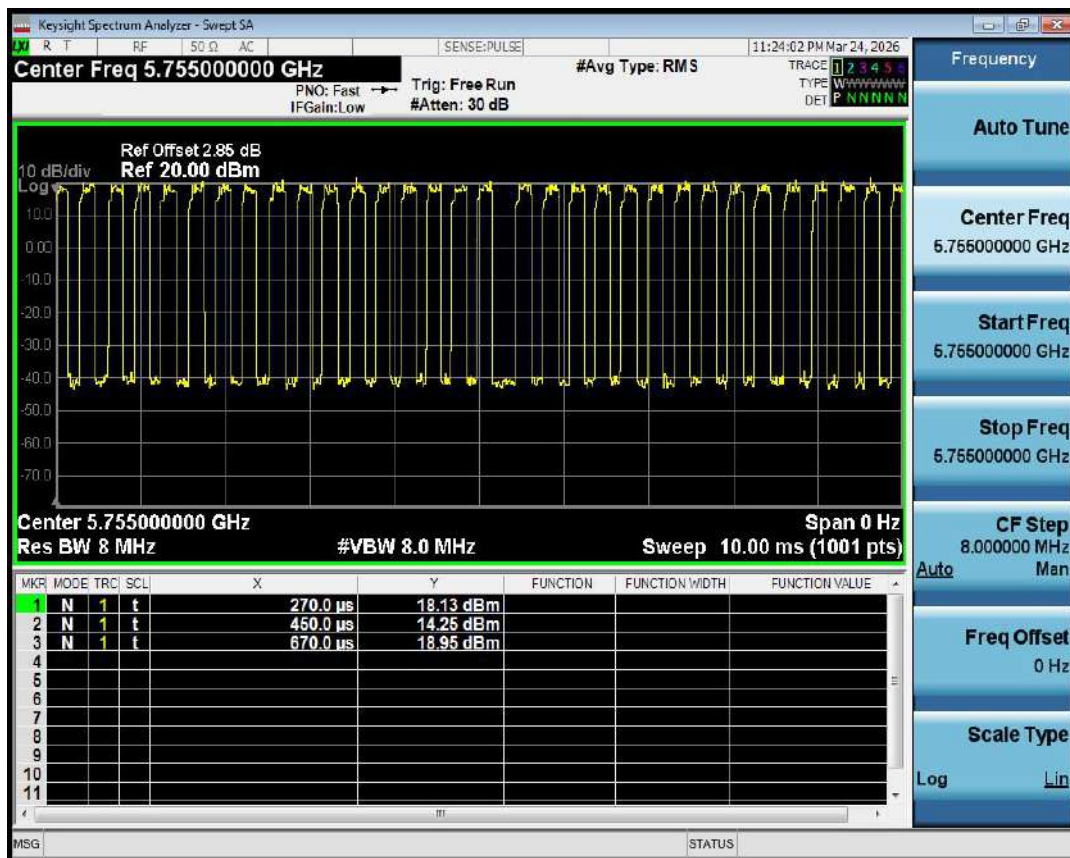
Duty Cycle NVNT ac20 5745MHz Ant1



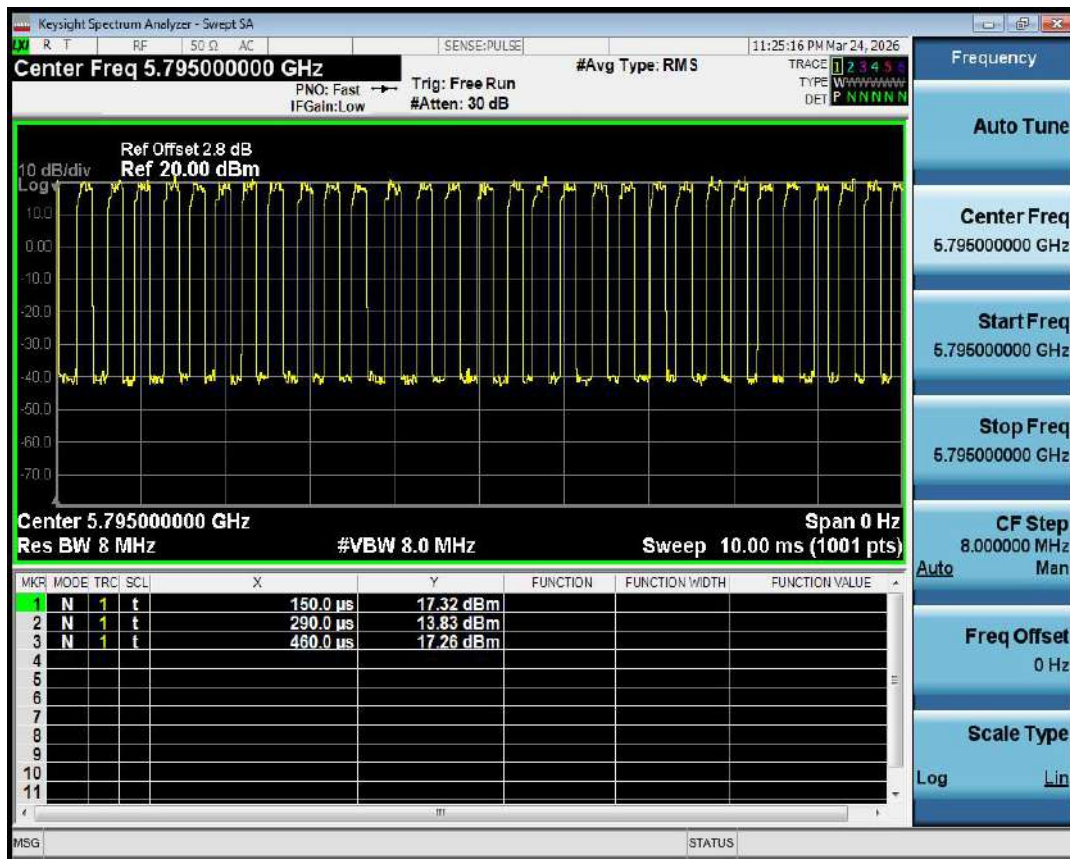
Duty Cycle NVNT ac20 5785MHz Ant1



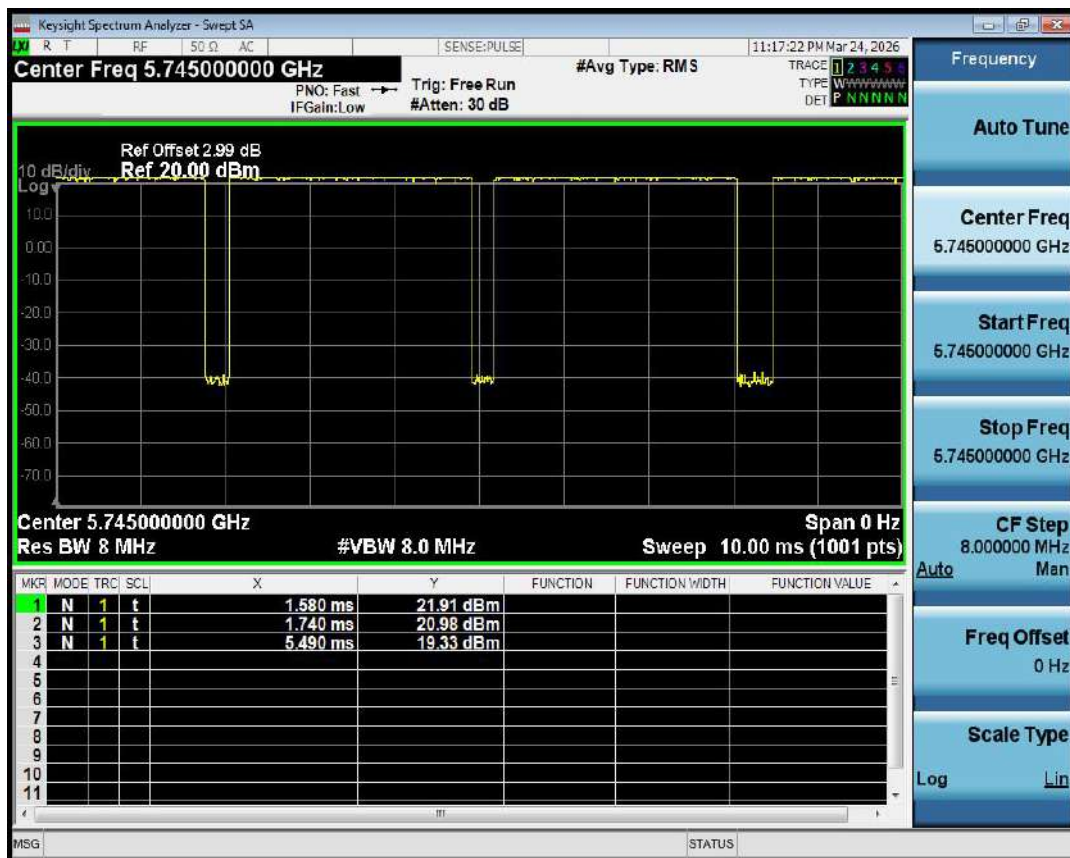
Duty Cycle NVNT ac20 5825MHz Ant1



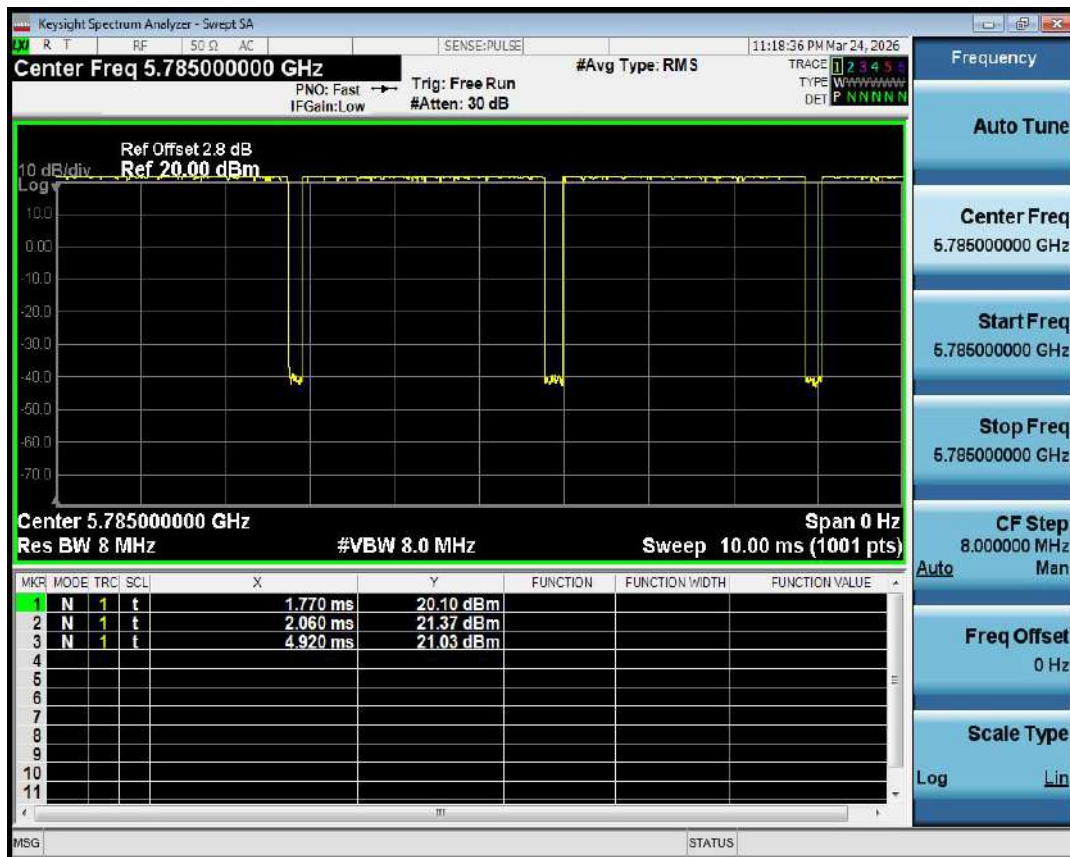
Duty Cycle NVNT ac40 5755MHz Ant1



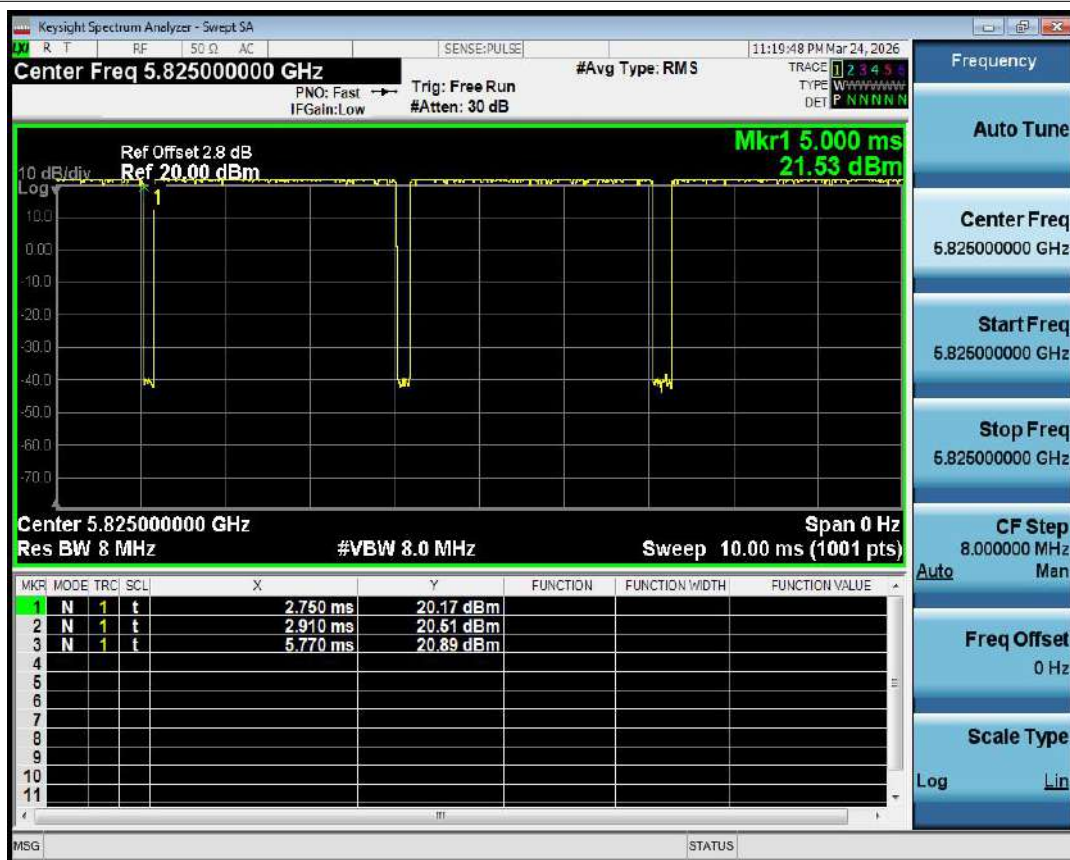
Duty Cycle NVNT ac40 5795MHz Ant1



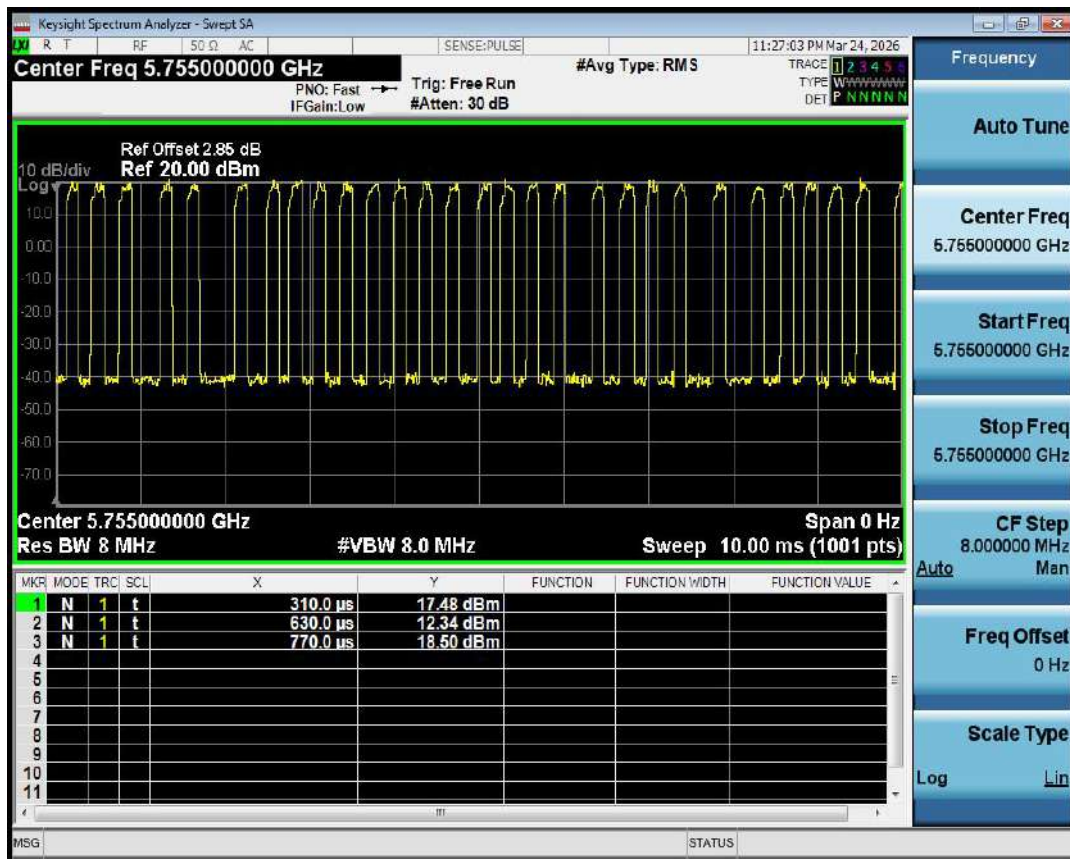
Duty Cycle NVNT ax20 5745MHz Ant1



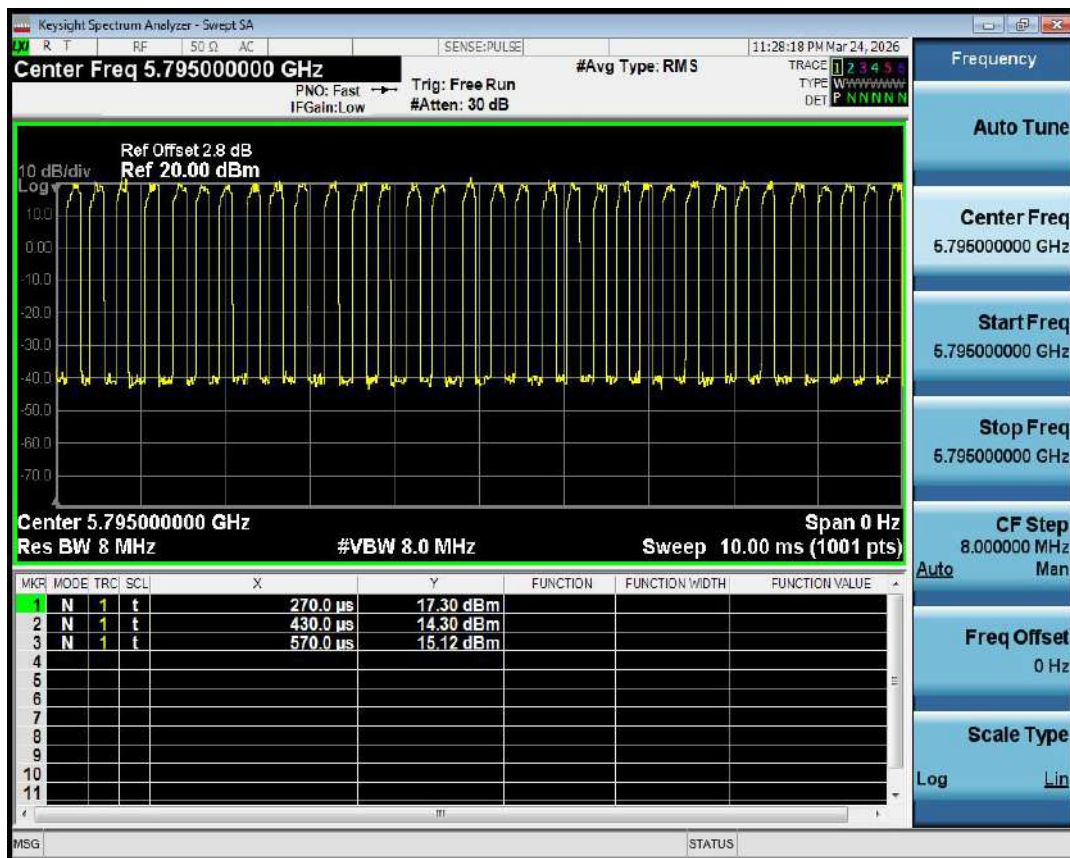
Duty Cycle NVNT ax20 5785MHz Ant1



Duty Cycle NVNT ax20 5825MHz Ant1



Duty Cycle NVNT ax40 5755MHz Ant1



Duty Cycle NVNT ax40 5795MHz Ant1

2. Maximum Conducted Output Power

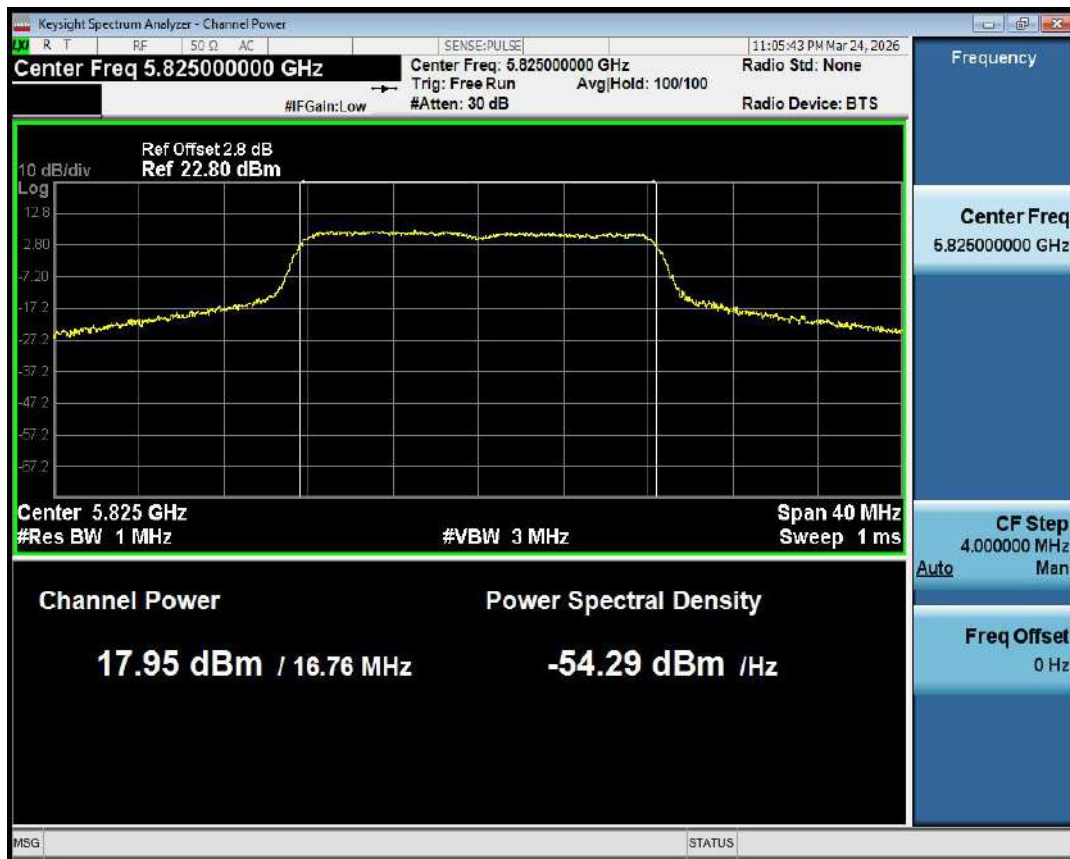
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	a	5745	Ant1	17.85	2.26	20.11	0.10257	30	Pass
NVNT	a	5785	Ant1	18.28	0.99	19.27	0.08453	30	Pass
NVNT	a	5825	Ant1	17.95	1.6	19.55	0.09016	30	Pass
NVNT	n20	5745	Ant1	18.5	0.23	18.73	0.07464	30	Pass
NVNT	n20	5785	Ant1	18.78	0.16	18.94	0.07834	30	Pass
NVNT	n20	5825	Ant1	18.5	0.27	18.77	0.07534	30	Pass
NVNT	n40	5755	Ant1	16.84	2.02	18.86	0.07691	30	Pass
NVNT	n40	5795	Ant1	17.03	2.6	19.63	0.09183	30	Pass
NVNT	ac20	5745	Ant1	18.68	0.33	19.01	0.07962	30	Pass
NVNT	ac20	5785	Ant1	18.73	0.25	18.98	0.07907	30	Pass
NVNT	ac20	5825	Ant1	18.32	0.18	18.5	0.07079	30	Pass
NVNT	ac40	5755	Ant1	14.98	2.61	17.59	0.05741	30	Pass
NVNT	ac40	5795	Ant1	14.85	3.61	18.46	0.07015	30	Pass
NVNT	ax20	5745	Ant1	18.35	0.42	18.77	0.07534	30	Pass
NVNT	ax20	5785	Ant1	18.64	0.24	18.88	0.07727	30	Pass
NVNT	ax20	5825	Ant1	18.43	0.18	18.61	0.07261	30	Pass
NVNT	ax40	5755	Ant1	14.16	3.31	17.47	0.05585	30	Pass
NVNT	ax40	5795	Ant1	14.4	2.69	17.09	0.05117	30	Pass



Power NVNT a 5745MHz Ant1



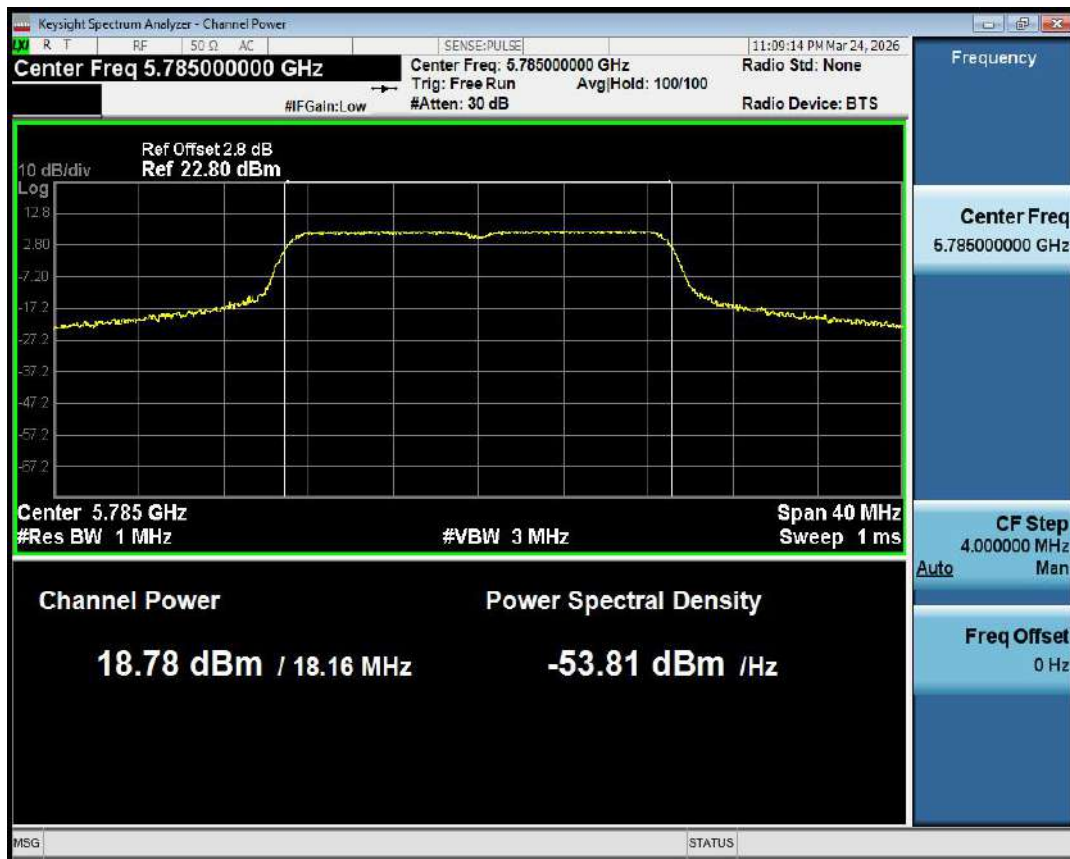
Power NVNT a 5785MHz Ant1



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



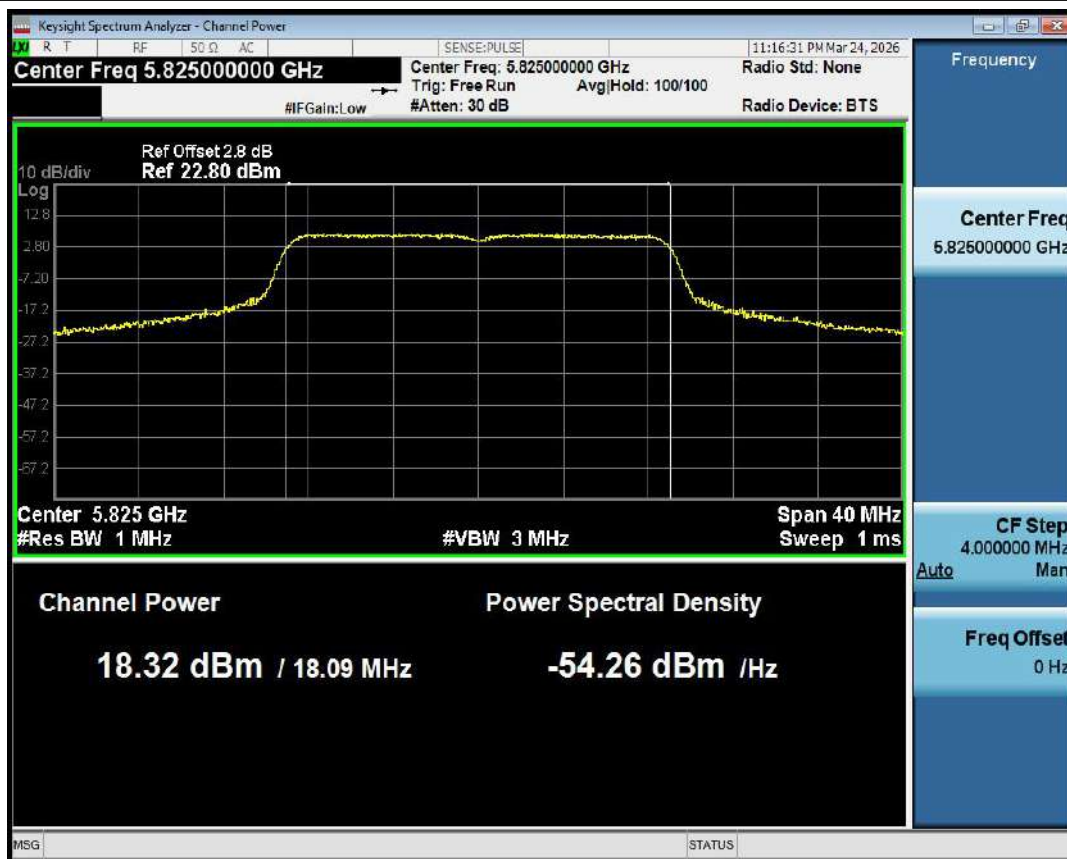
Power NVNT n40 5795MHz Ant1



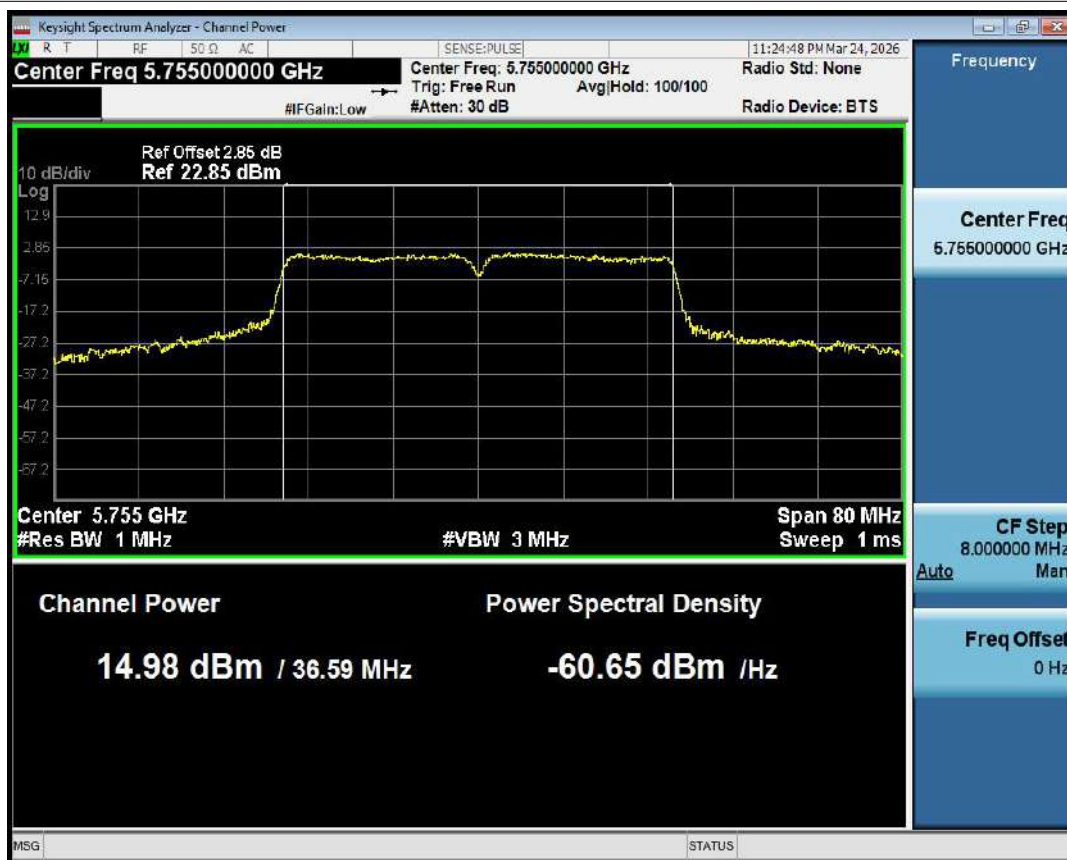
Power NVNT ac20 5745MHz Ant1



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	16.48	0.5	Pass
NVNT	a	5785	Ant1	16.48	0.5	Pass
NVNT	a	5825	Ant1	16.48	0.5	Pass
NVNT	n20	5745	Ant1	17.6	0.5	Pass
NVNT	n20	5785	Ant1	17.59	0.5	Pass
NVNT	n20	5825	Ant1	17.61	0.5	Pass
NVNT	n40	5755	Ant1	36.46	0.5	Pass
NVNT	n40	5795	Ant1	36.46	0.5	Pass
NVNT	ac20	5745	Ant1	17.6	0.5	Pass
NVNT	ac20	5785	Ant1	17.61	0.5	Pass
NVNT	ac20	5825	Ant1	17.6	0.5	Pass
NVNT	ac40	5755	Ant1	36.46	0.5	Pass
NVNT	ac40	5795	Ant1	36.45	0.5	Pass
NVNT	ax20	5745	Ant1	18.97	0.5	Pass
NVNT	ax20	5785	Ant1	18.95	0.5	Pass
NVNT	ax20	5825	Ant1	19.04	0.5	Pass
NVNT	ax40	5755	Ant1	38.12	0.5	Pass
NVNT	ax40	5795	Ant1	38.1	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



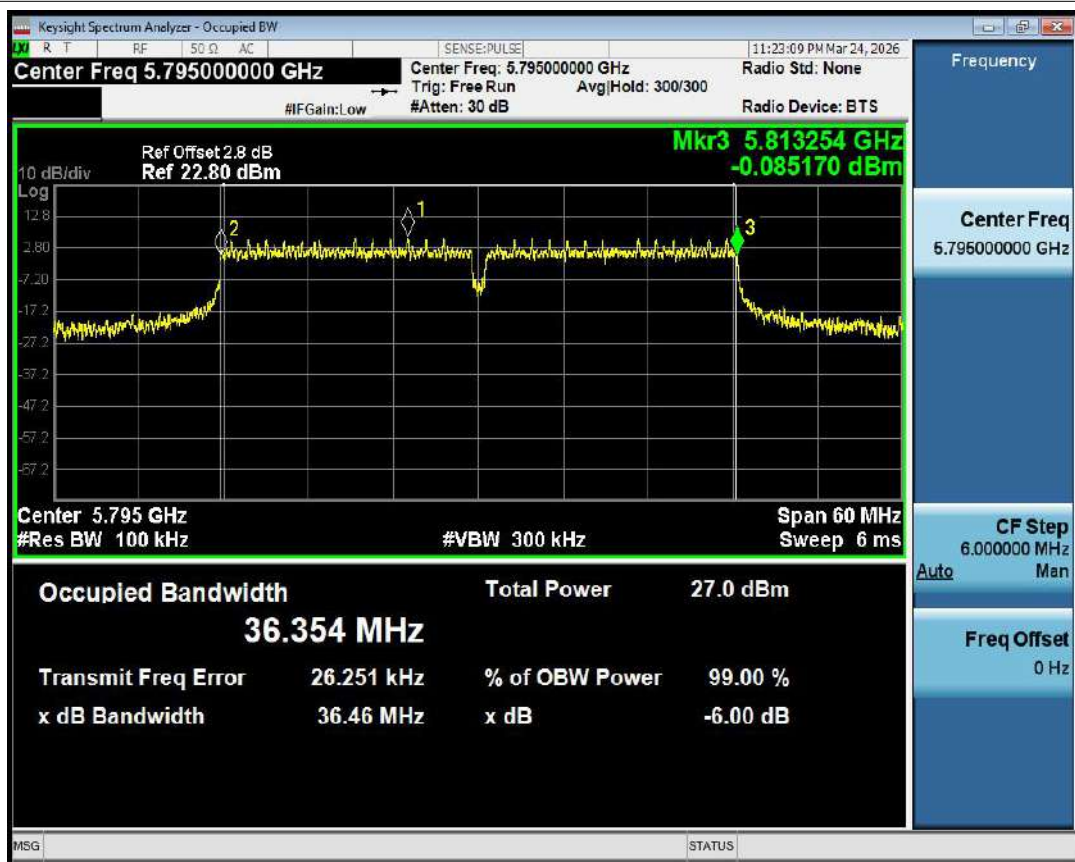
-6dB Bandwidth NVNT n20 5785MHz Ant1



-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



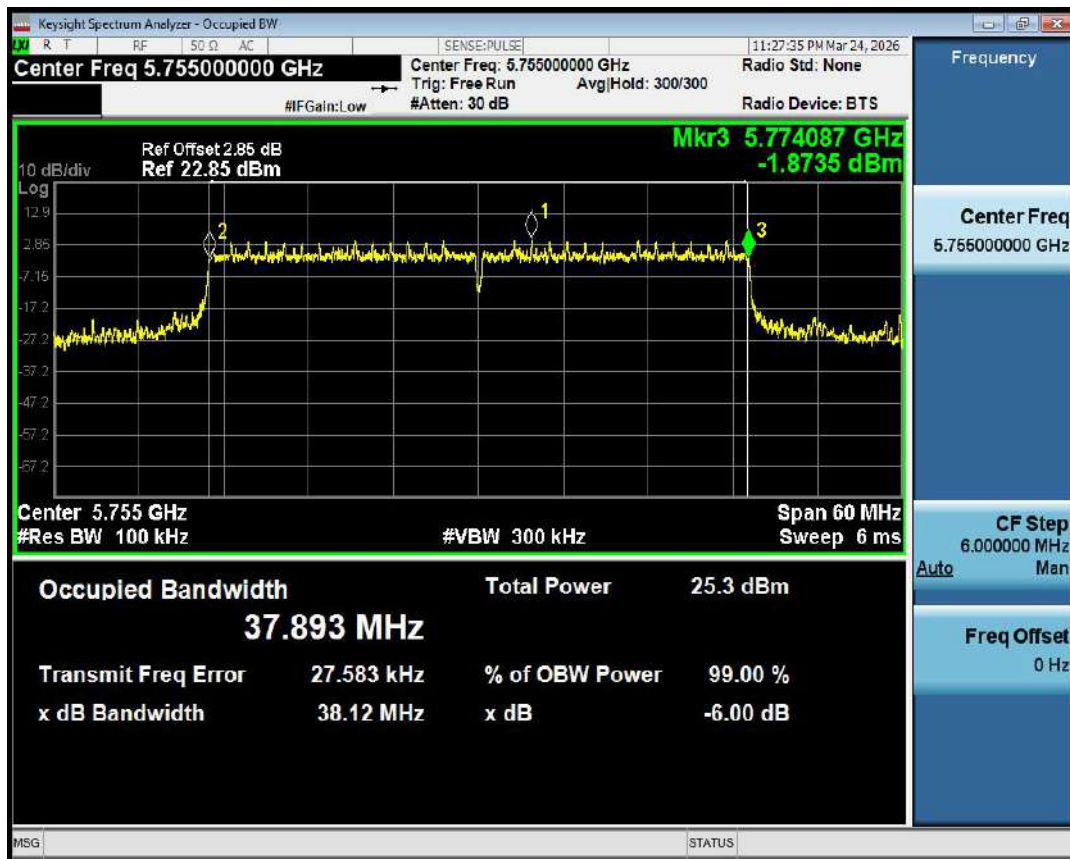
-6dB Bandwidth NVNT ax20 5745MHz Ant1



-6dB Bandwidth NVNT ax20 5785MHz Ant1



-6dB Bandwidth NVNT ax20 5825MHz Ant1



-6dB Bandwidth NVNT ax40 5755MHz Ant1



-6dB Bandwidth NVNT ax40 5795MHz Ant1

4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.759
NVNT	a	5785	Ant1	16.823
NVNT	a	5825	Ant1	16.764
NVNT	n20	5745	Ant1	18.169
NVNT	n20	5785	Ant1	18.156
NVNT	n20	5825	Ant1	18.131
NVNT	n40	5755	Ant1	36.673
NVNT	n40	5795	Ant1	36.669
NVNT	ac20	5745	Ant1	18.224
NVNT	ac20	5785	Ant1	18.165
NVNT	ac20	5825	Ant1	18.087
NVNT	ac40	5755	Ant1	36.592
NVNT	ac40	5795	Ant1	36.579
NVNT	ax20	5745	Ant1	19.225
NVNT	ax20	5785	Ant1	19.152
NVNT	ax20	5825	Ant1	19.163
NVNT	ax40	5755	Ant1	38.051
NVNT	ax40	5795	Ant1	38.092



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