Appendix for 6E

Report No.:	BCTC2502942775-6E
Applicant:	MICRO COMPUTER (HK) TECH LIMITED
Product Name:	MINI PC
Test Model:	MS-A2-9955
Tested Date:	2025-02-26 to 2025-04-16

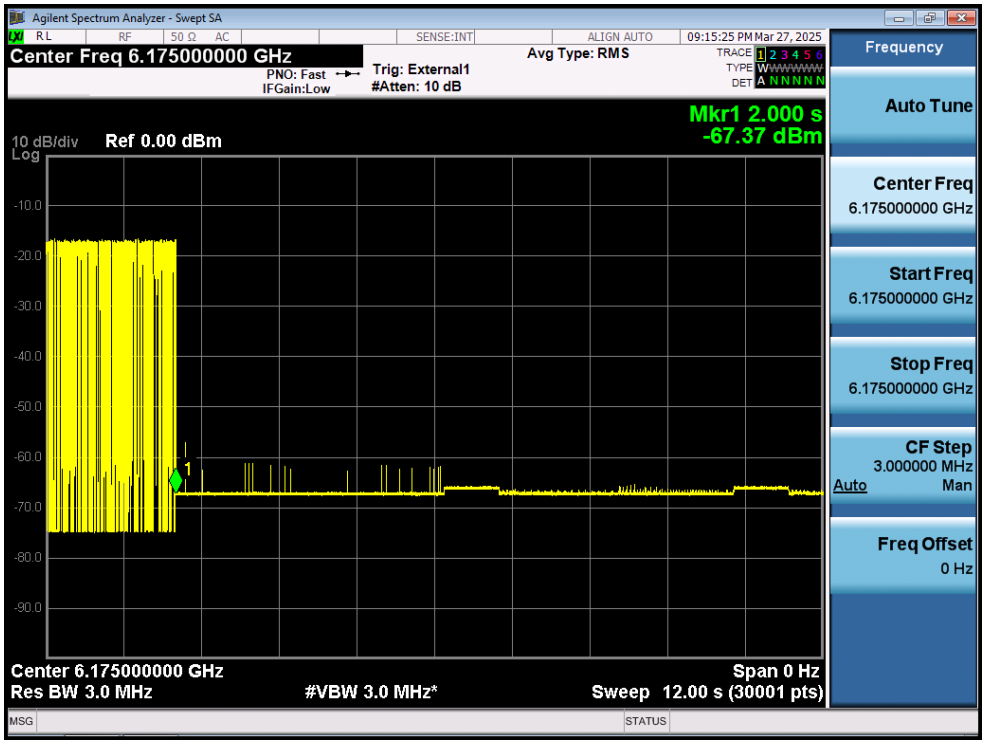
Shenzhen BCTC Testing Co., Ltd.

Contents

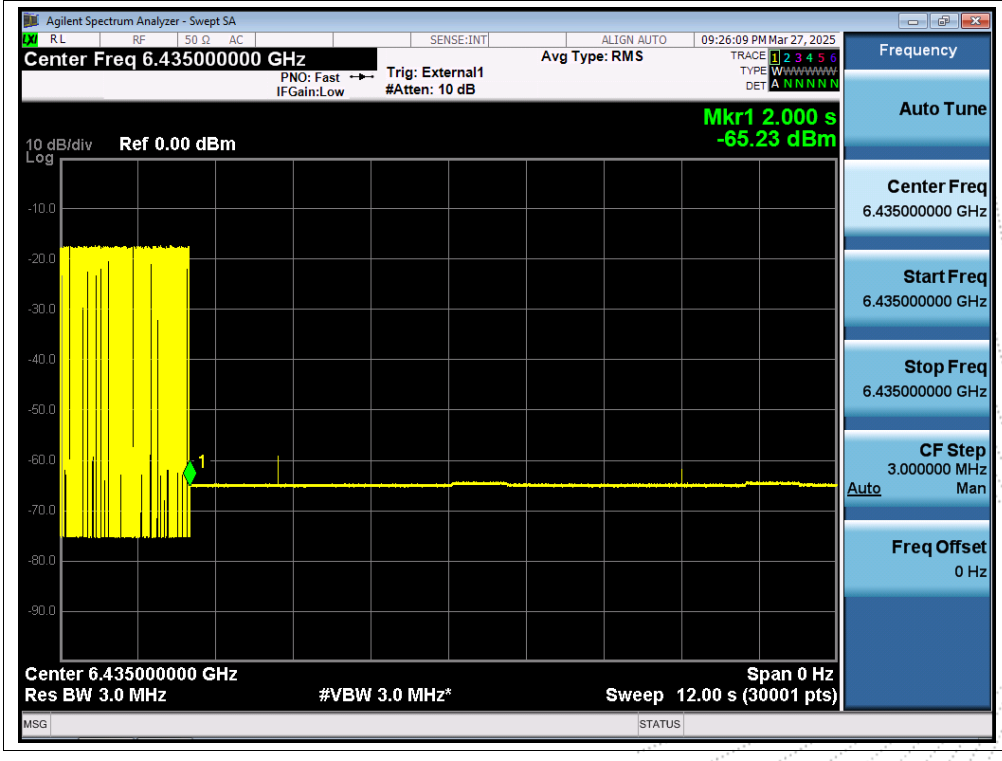
Appendix A. Contention Based Protocol

Condition	Mode	Frequency (MHz)	Antenna	AWGN Location	AWGN Frequency (MHz)	Test Time	Is Detected	Verdict
NVNT	ax20	6175	AntA	Center	6175	1	Yes	Pass
		6435		Center	6435	1	Yes	Pass
		6535		Center	6535	1	Yes	Pass
		6895		Center	6895	1	Yes	Pass
	ax160	6185		Low	6110	1	Yes	Pass
				Center	6185	1	Yes	Pass
				High	6260	1	Yes	Pass
		6505		Low	6430	1	Yes	Pass
				Center	6505	1	Yes	Pass
				High	6580	1	Yes	Pass
		6665		Low	6590	1	Yes	Pass
				Center	6665	1	Yes	Pass
				High	6740	1	Yes	Pass
		6985		Low	6910	1	Yes	Pass
				Center	6985	1	Yes	Pass
				High	7060	1	Yes	Pass

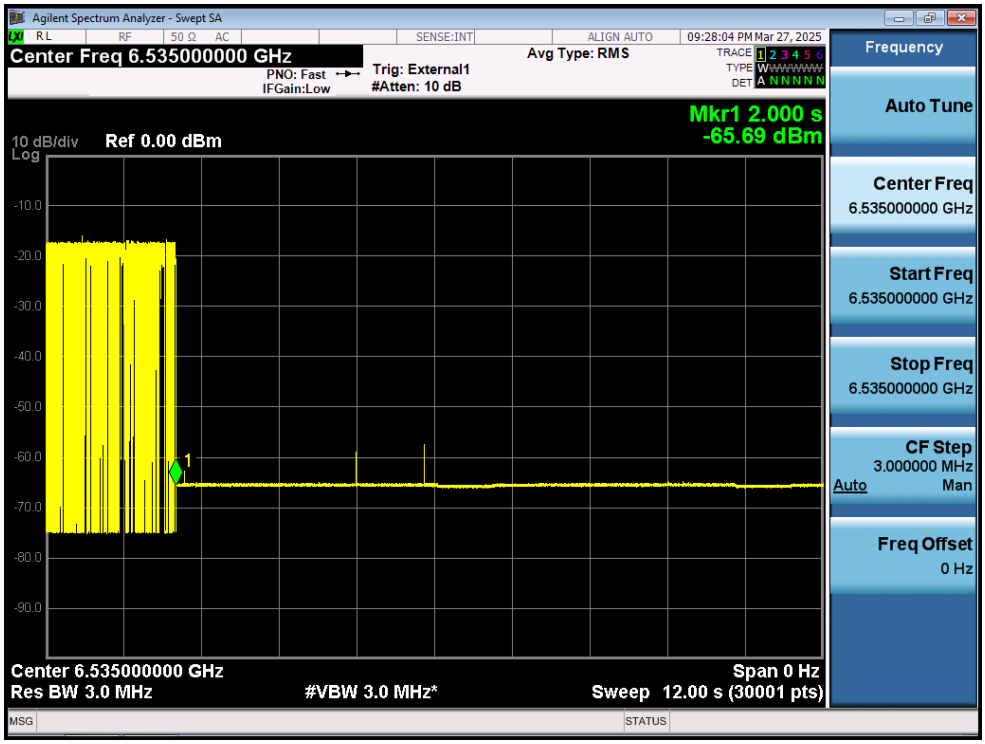
Test Graphs
Contention Based Protocol NVNT ax20 6175MHz Interfere 6175 MHz_1



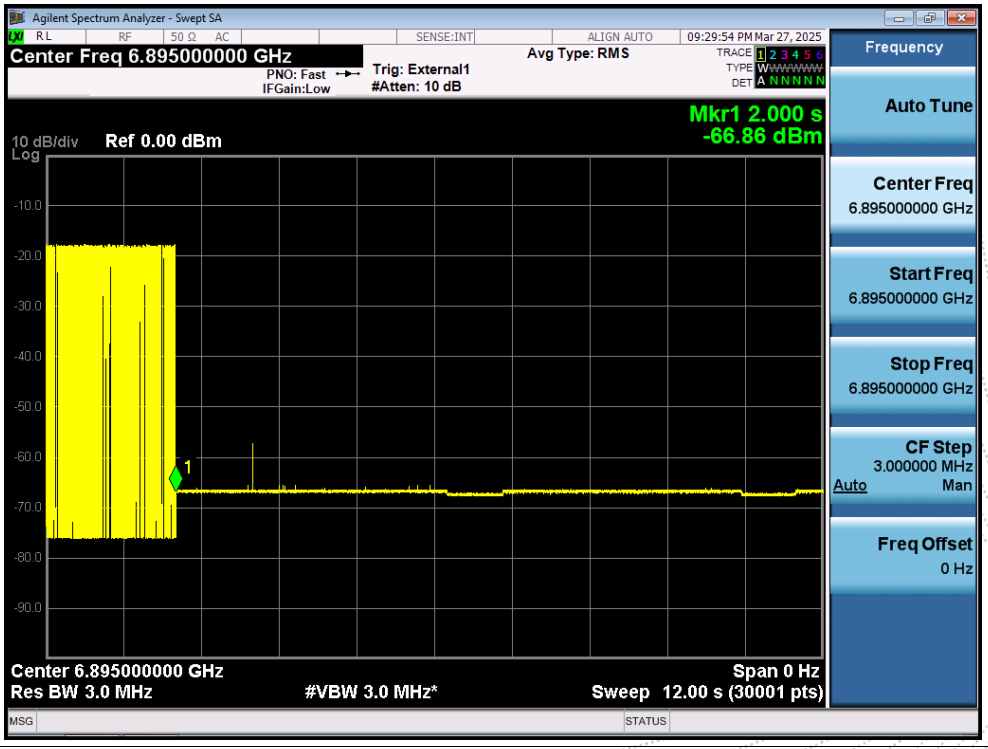
Contention Based Protocol NVNT ax20 6435MHz Interfere 6435 MHz_1



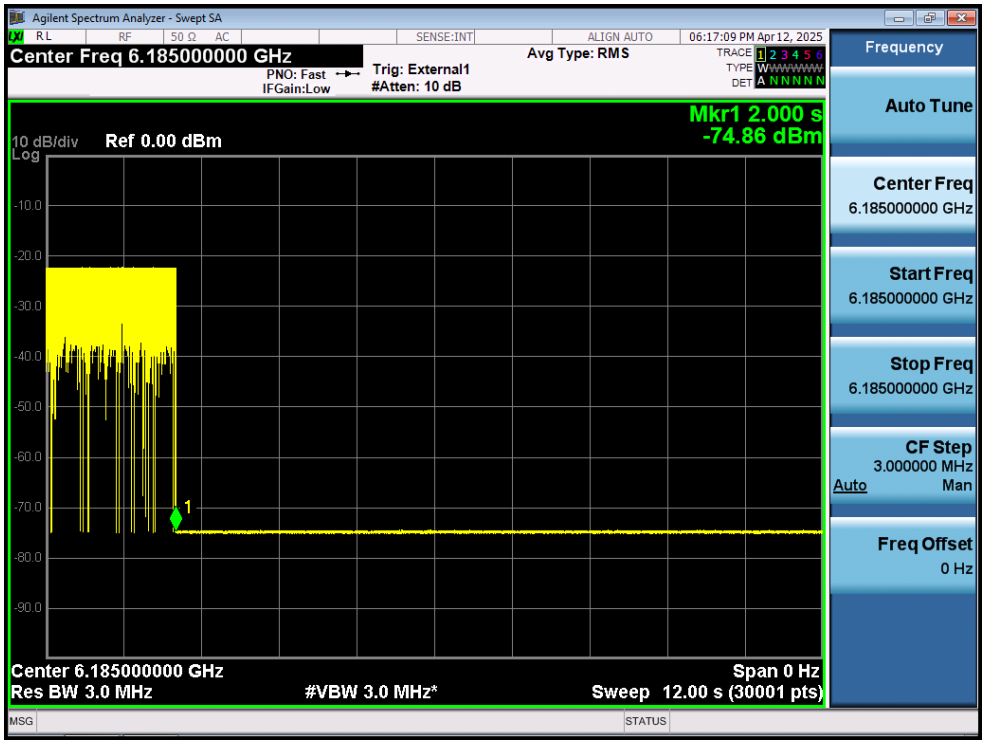
Contention Based Protocol NVNT ax20 6535MHz Interfere 6535 MHz_1



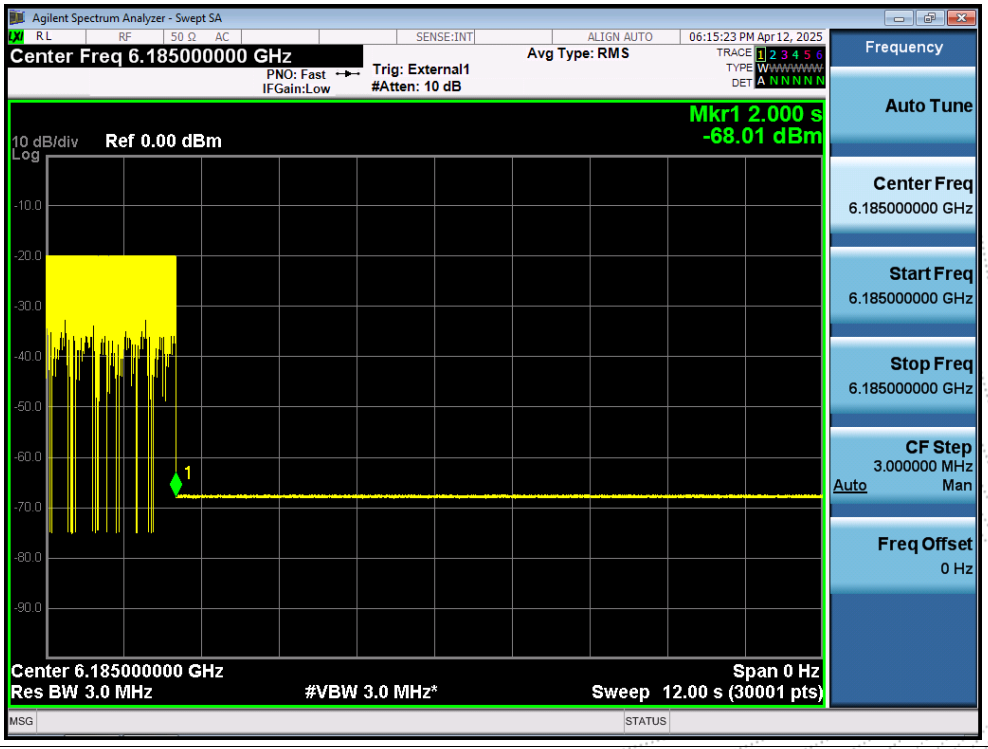
Contention Based Protocol NVNT ax20 6895MHz Interfere 6895 MHz_1



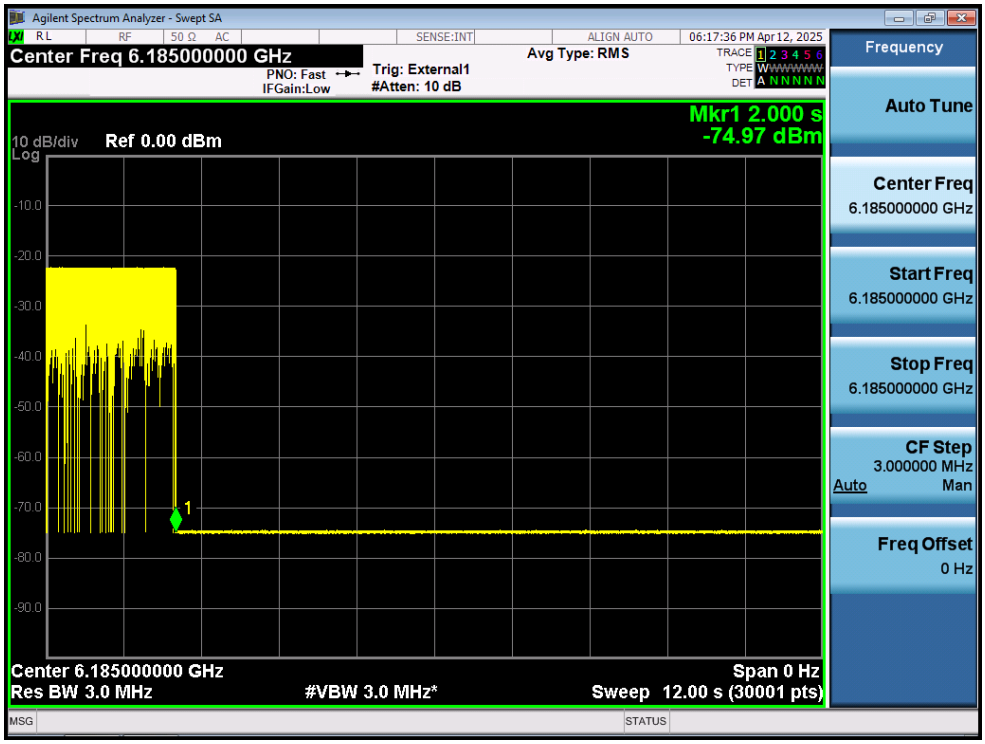
Contention Based Protocol NVNT ax160 6185MHz Interfere 6110 MHz_1



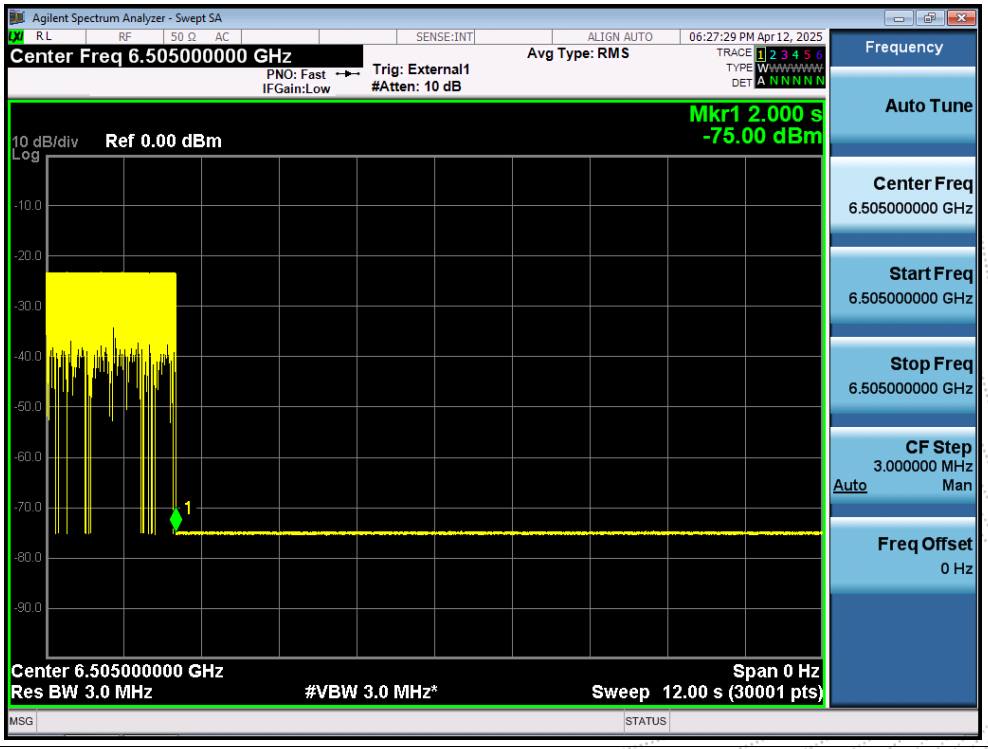
Contention Based Protocol NVNT ax160 6185MHz Interfere 6185 MHz_1



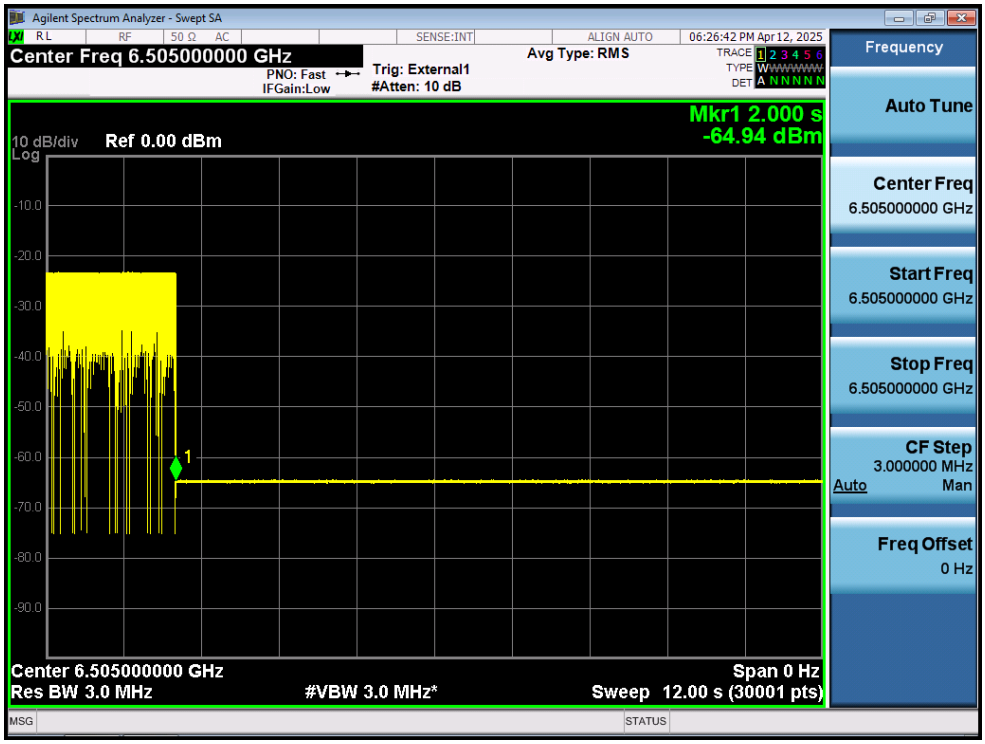
Contention Based Protocol NVNT ax160 6185MHz Interfere 6260 MHz_1



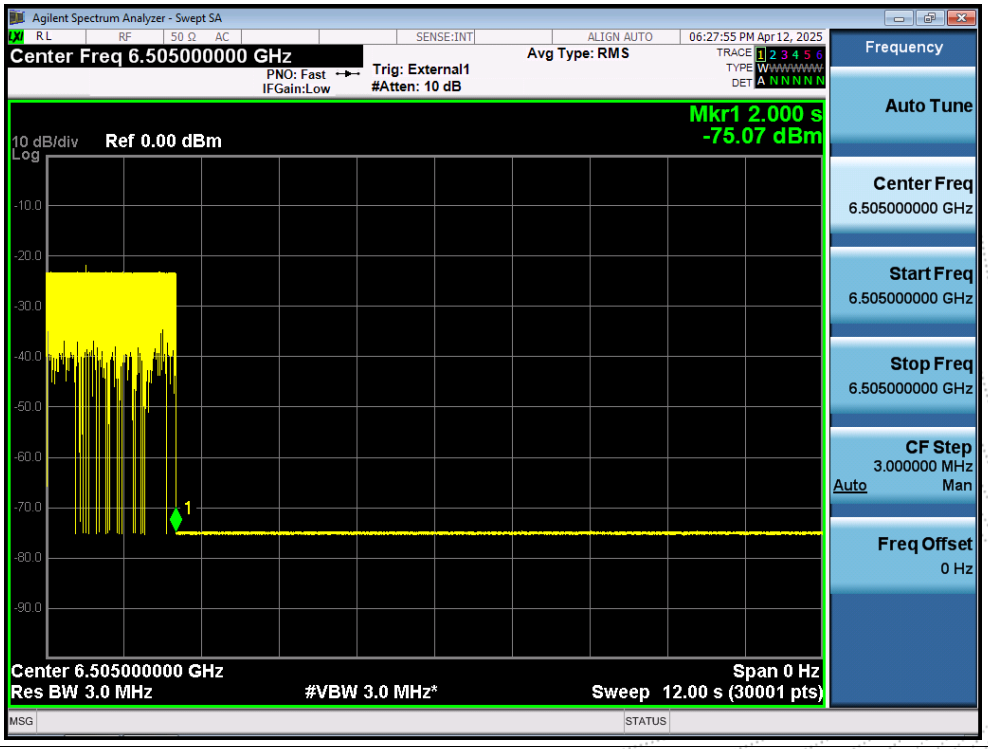
Contention Based Protocol NVNT ax160 6505MHz Interfere 6430 MHz_1



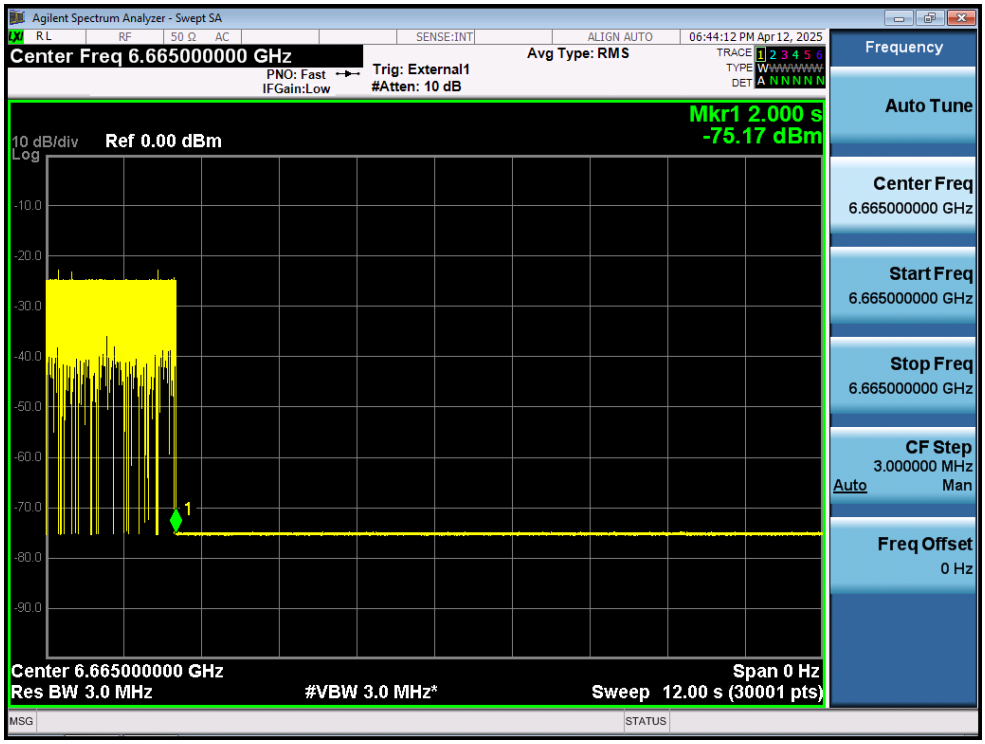
Contention Based Protocol NVNT ax160 6505MHz Interfere 6505 MHz_1



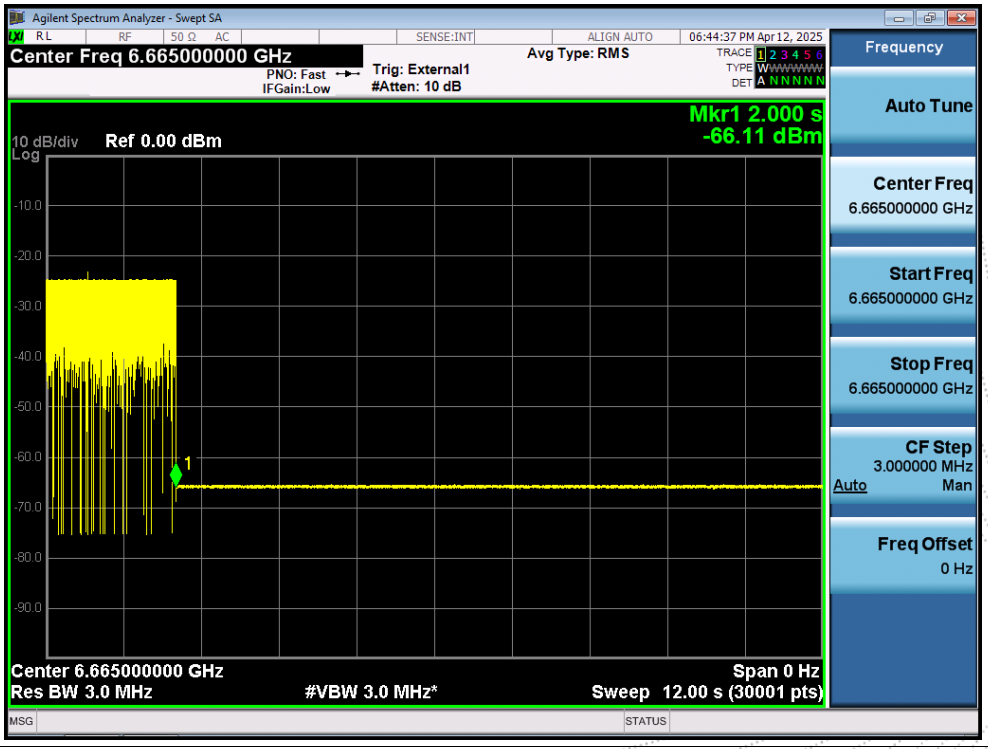
Contention Based Protocol NVNT ax160 6505MHz Interfere 6580 MHz_1



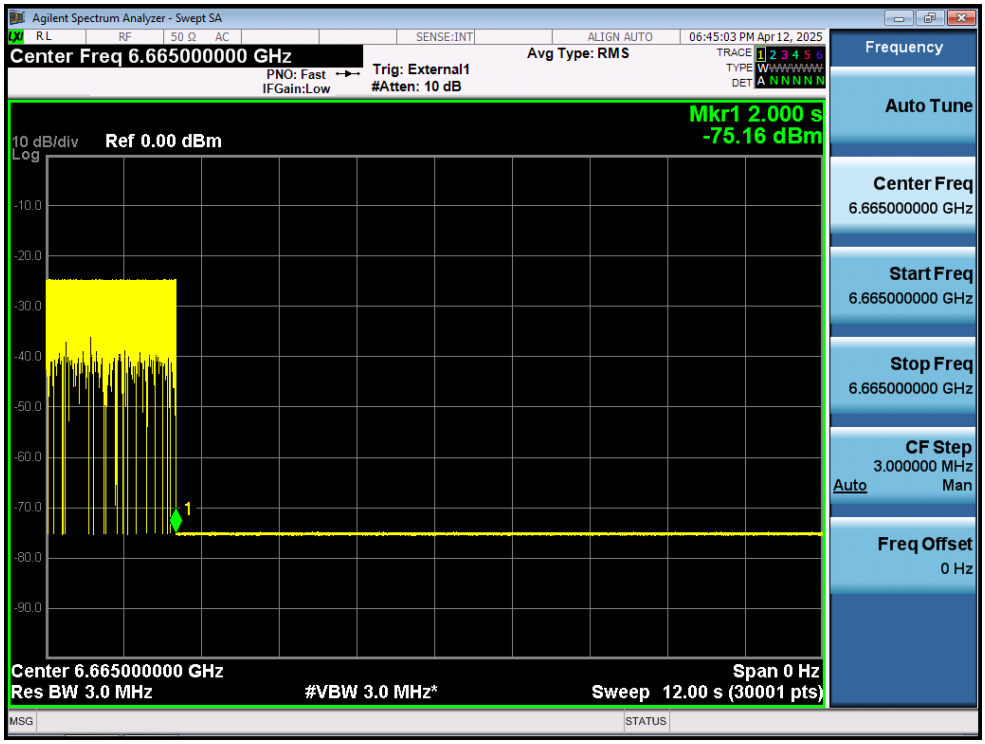
Contention Based Protocol NVNT ax160 6665MHz Interfere 6590 MHz_1



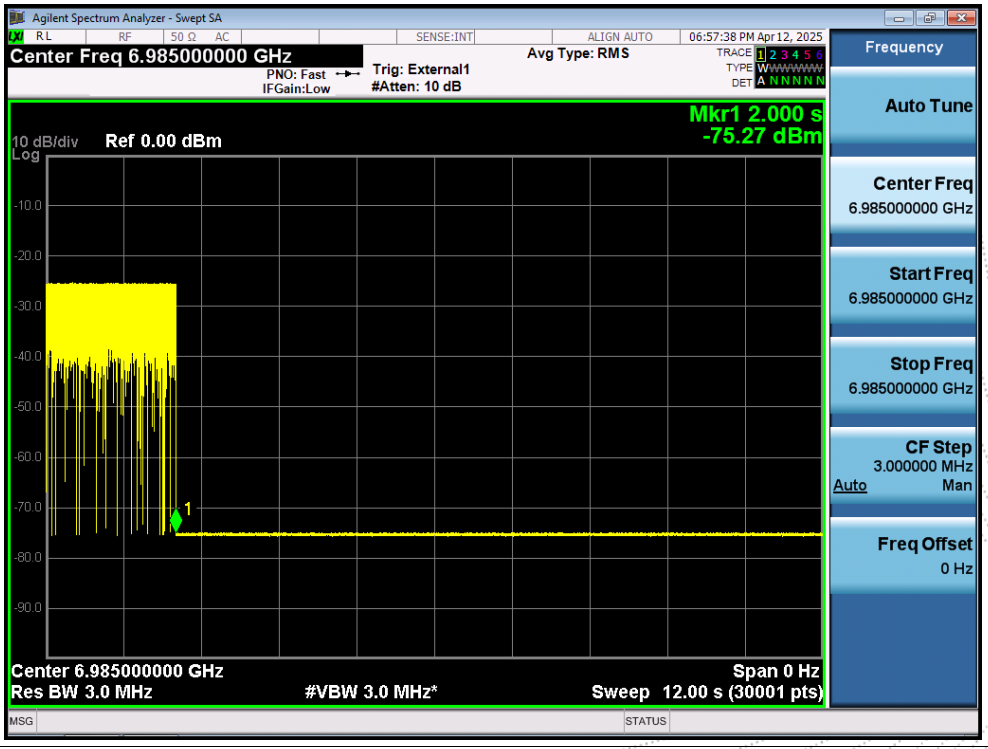
Contention Based Protocol NVNT ax160 6665MHz Interfere 6665 MHz_1



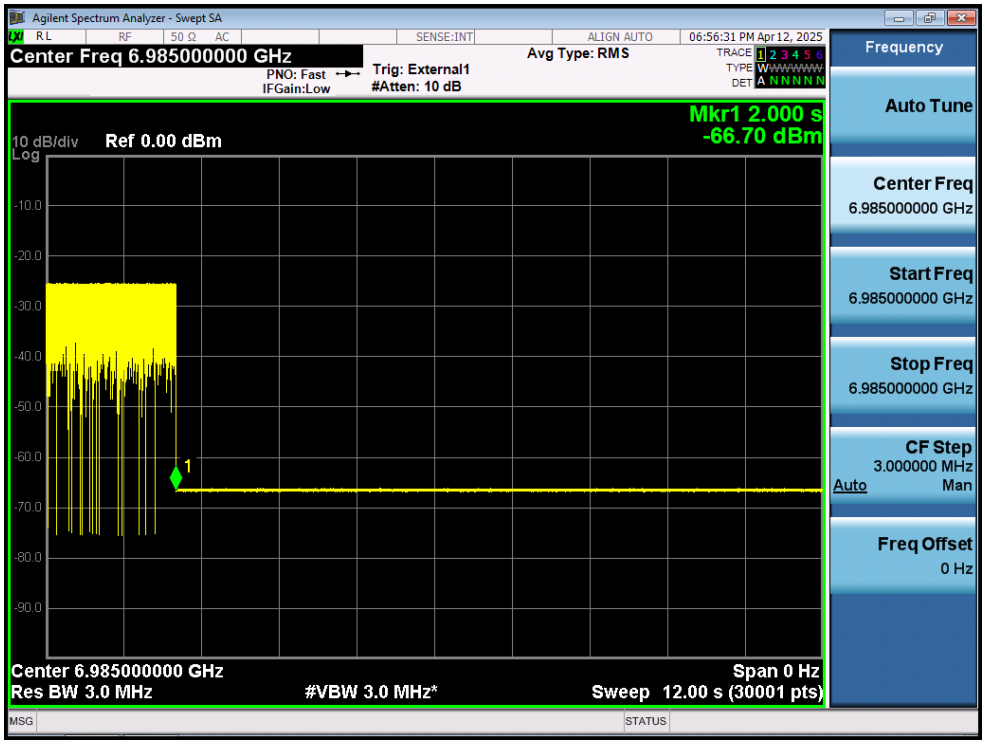
Contention Based Protocol NVNT ax160 6665MHz Interfere 6740 MHz_1



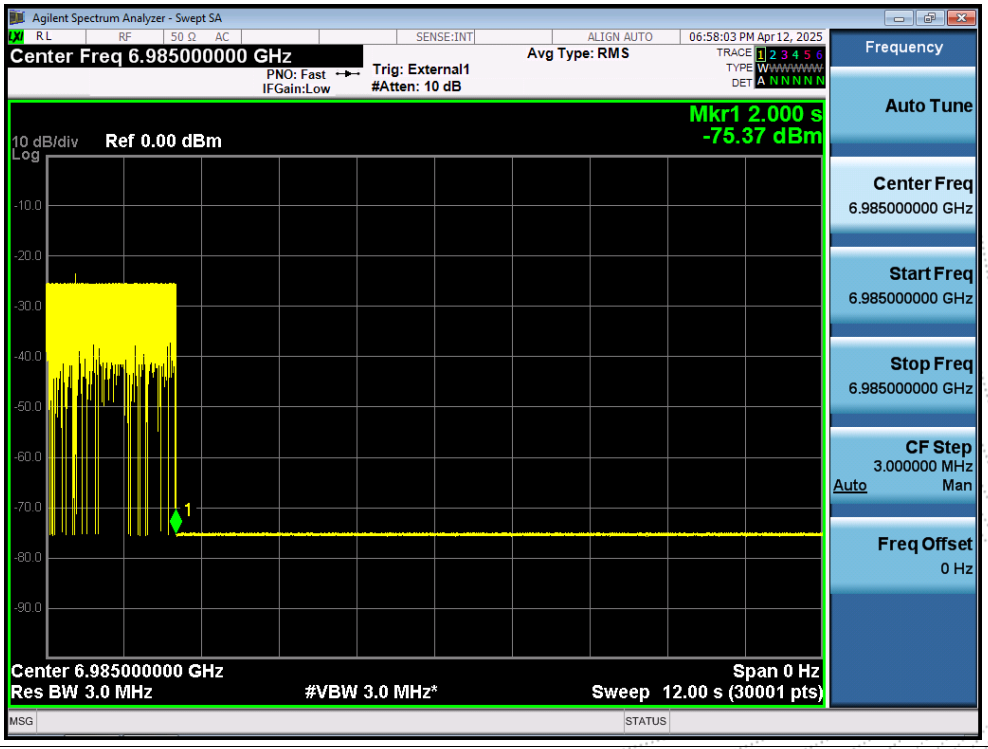
Contention Based Protocol NVNT ax160 6985MHz Interfere 6910 MHz_1



Contention Based Protocol NVNT ax160 6985MHz Interfere 6985 MHz_1



Contention Based Protocol NVNT ax160 6985MHz Interfere 7060 MHz_1

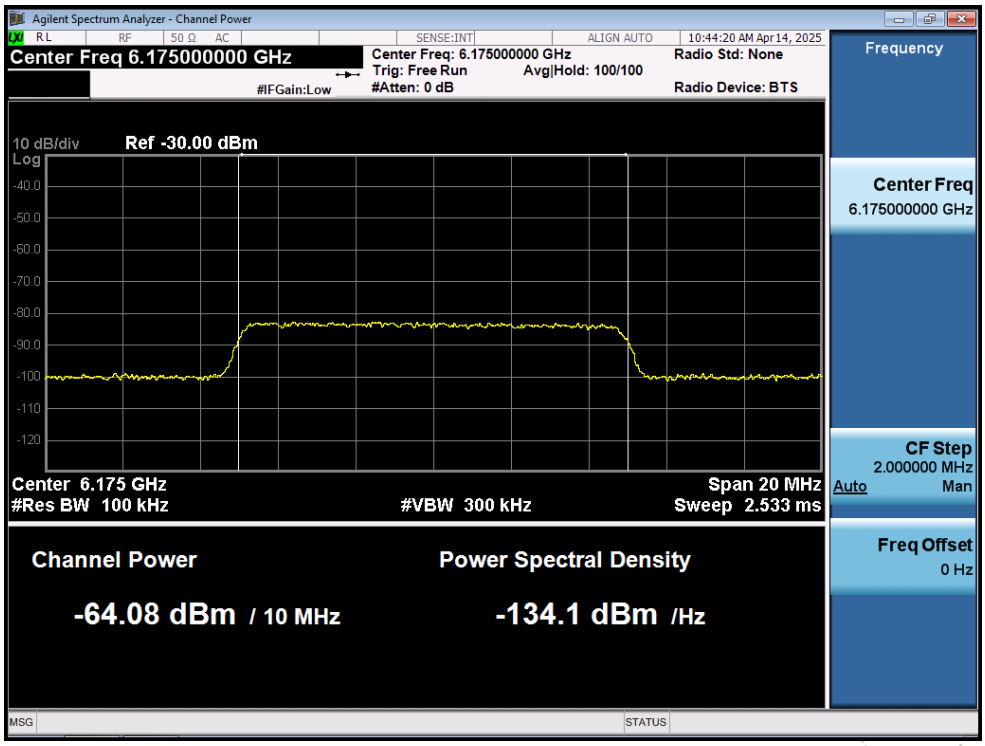


Appendix B. Contention Based Protocol Calibration

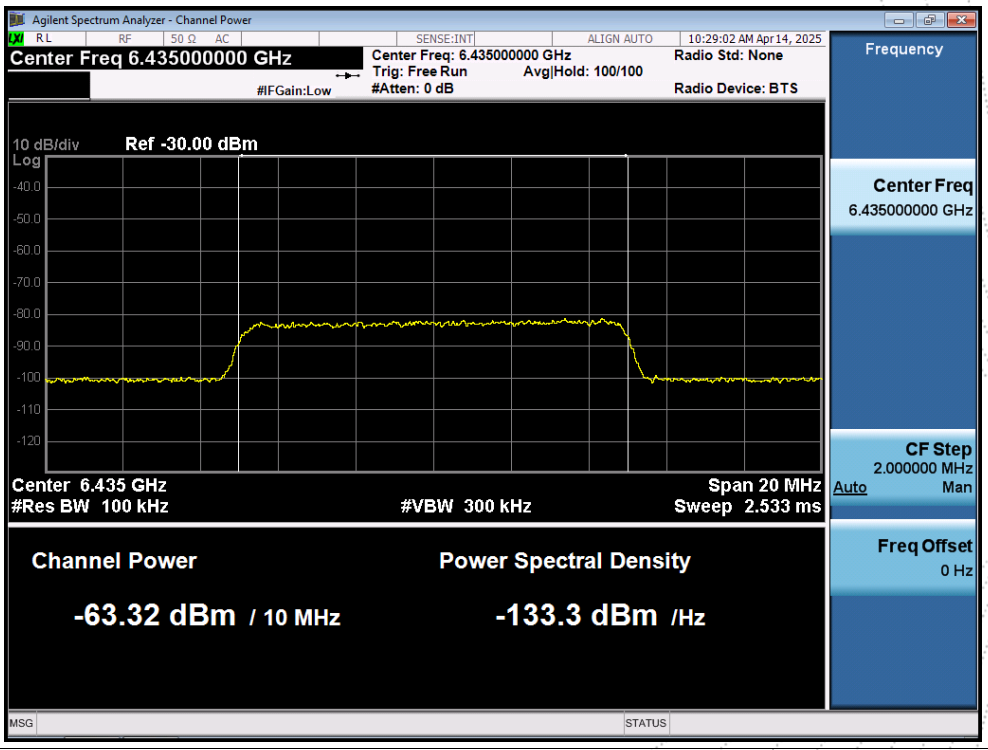
Test Mode	Frequency [MHz]	AWGN Frequency [MHz]	AWGN Level (dBm)	Ant Gain (dBi)	Path loss (dB)	Injection Level(dBm)	Threshold (dBm)
11AX20	5955	5955	-64.93	3.85	3	-64.08	-62
11AX20	6435	6435	-64.17	3.85	3	-63.32	-62
11AX20	6535	6535	-63.05	3.85	3	-62.2	-62
11AX20	6895	6895	-64.64	3.85	3	-63.79	-62
11AX160	6025	5952.6606	-66.54	3.85	3	-65.69	-62
11AX160	6025	6025	-66.08	3.85	3	-65.23	-62
11AX160	6025	6097.6406	-64.65	3.85	3	-63.8	-62
11AX160	6505	6432.0027	-64.67	3.85	3	-63.82	-62
11AX160	6505	6505	-68.17	3.85	3	-67.32	-62
11AX160	6505	6577.1027	-69.81	3.85	3	-68.96	-62
11AX160	6665	6592.4233	-69.56	3.85	3	-68.71	-62
11AX160	6665	6665	-68.57	3.85	3	-67.72	-62
11AX160	6665	6737.4233	-67.1	3.85	3	-66.25	-62
11AX160	6985	6911.9149	-64.58	3.85	3	-63.73	-62
11AX160	6985	6985	-64.7	3.85	3	-63.85	-62
11AX160	6985	7056.9149	-66.11	3.85	3	-65.26	-62

Note 1: Injection Level(dBm) = AWGN Level(dBm)+Antenna Gain -Path Loss

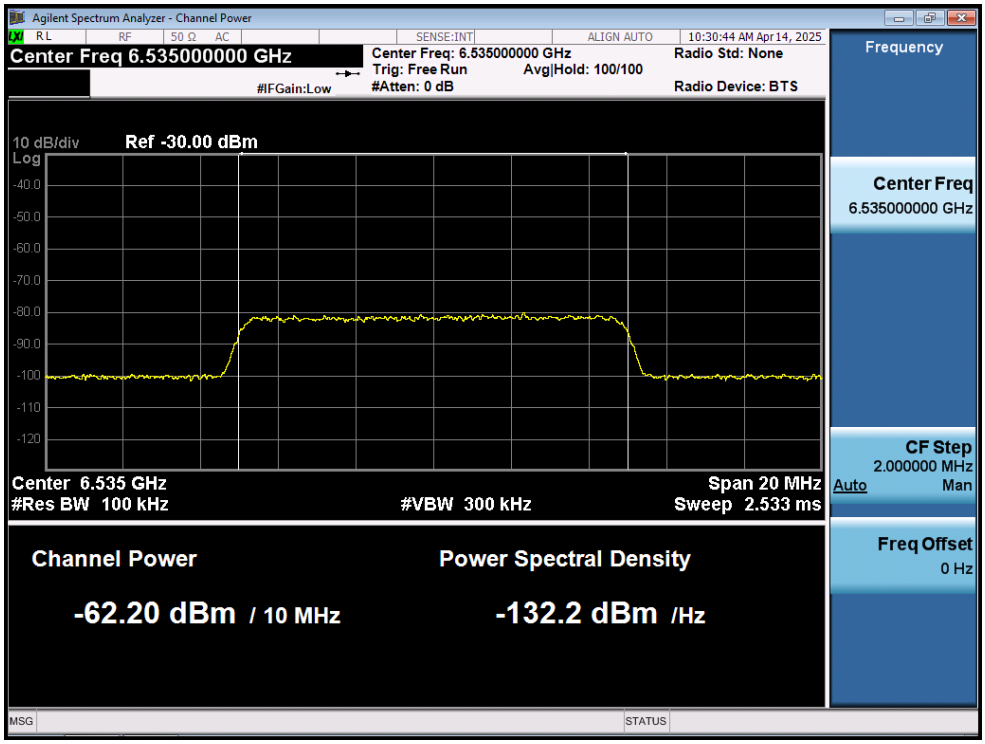
Test Graphs
Contention Based Protocol Calibration NVNT ax20 6175MHz Interfere 6175 MHz



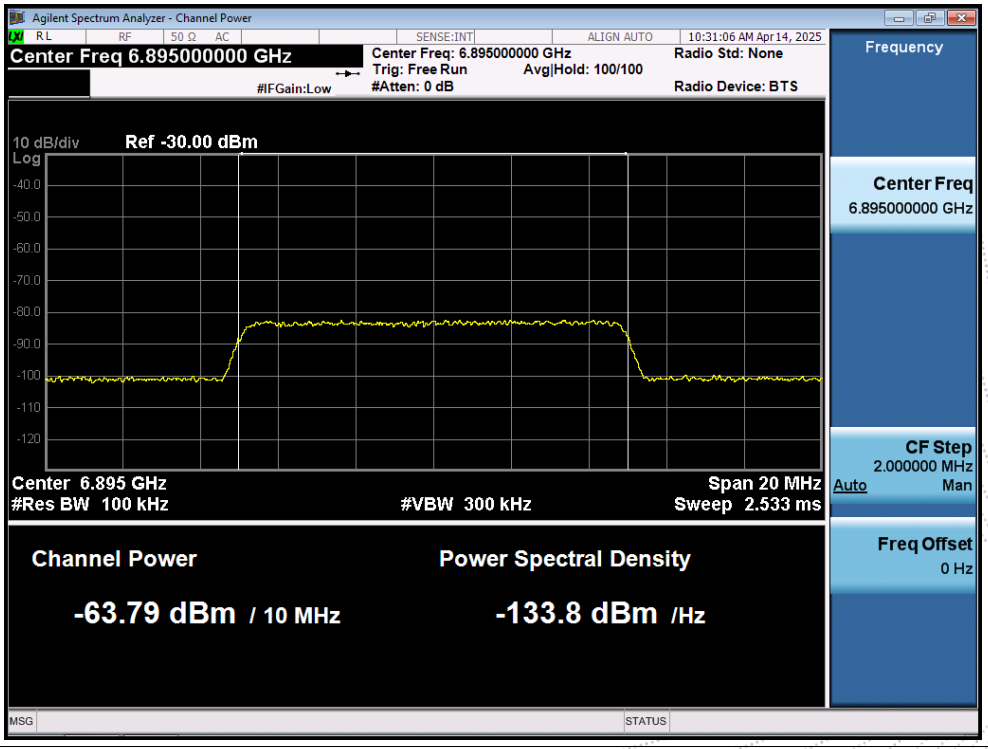
Contention Based Protocol Calibration NVNT ax20 6435MHz Interfere 6435 MHz



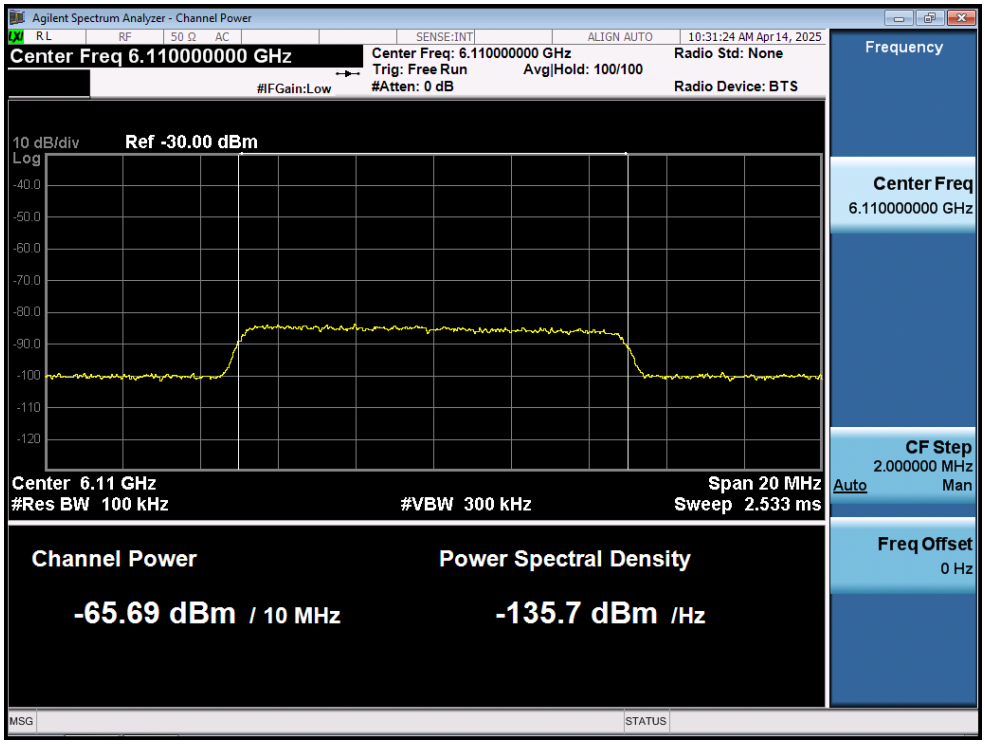
Contention Based Protocol Calibration NVNT ax20 6535MHz Interfere 6535 MHz



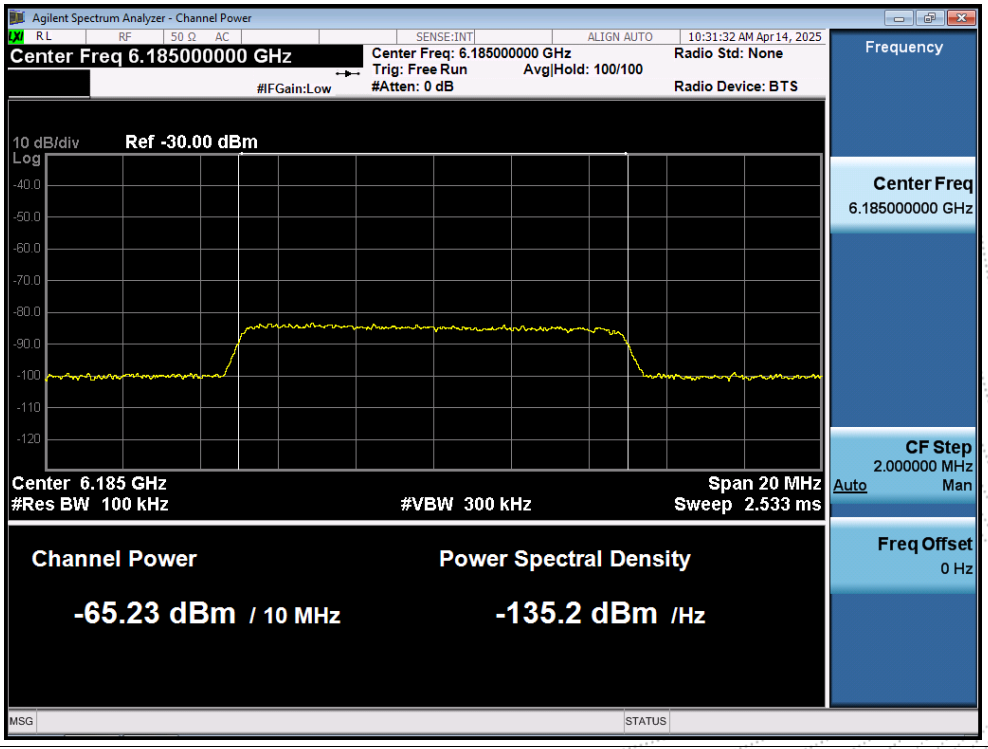
Contention Based Protocol Calibration NVNT ax20 6895MHz Interfere 6895 MHz



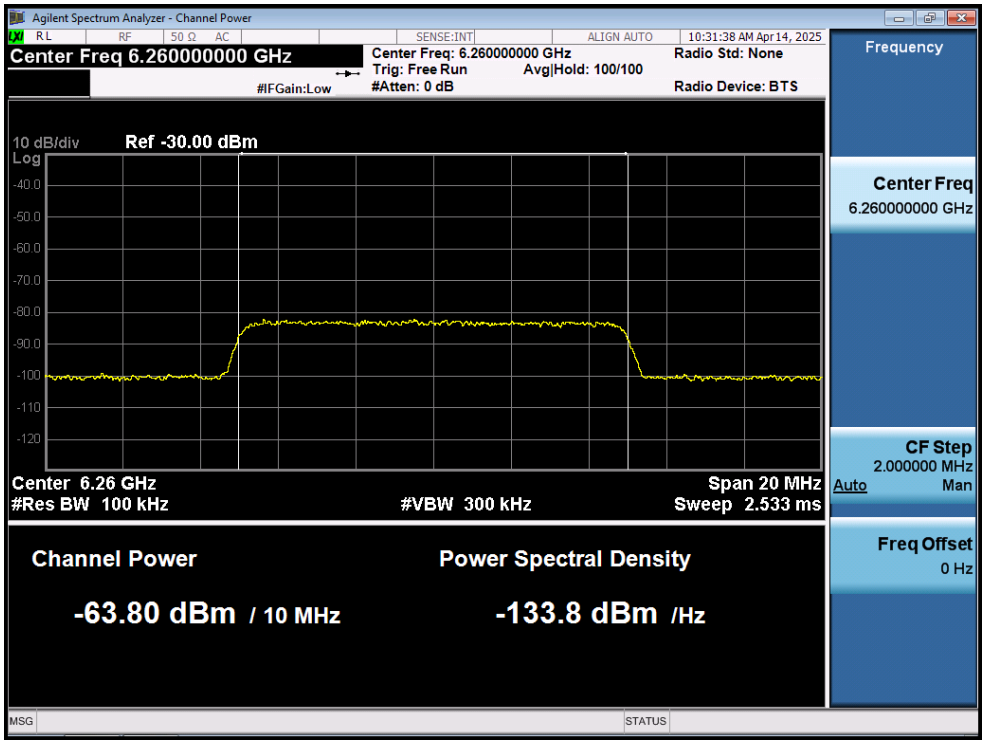
Contention Based Protocol Calibration NVNT ax160 6185MHz Interfere 6110 MHz



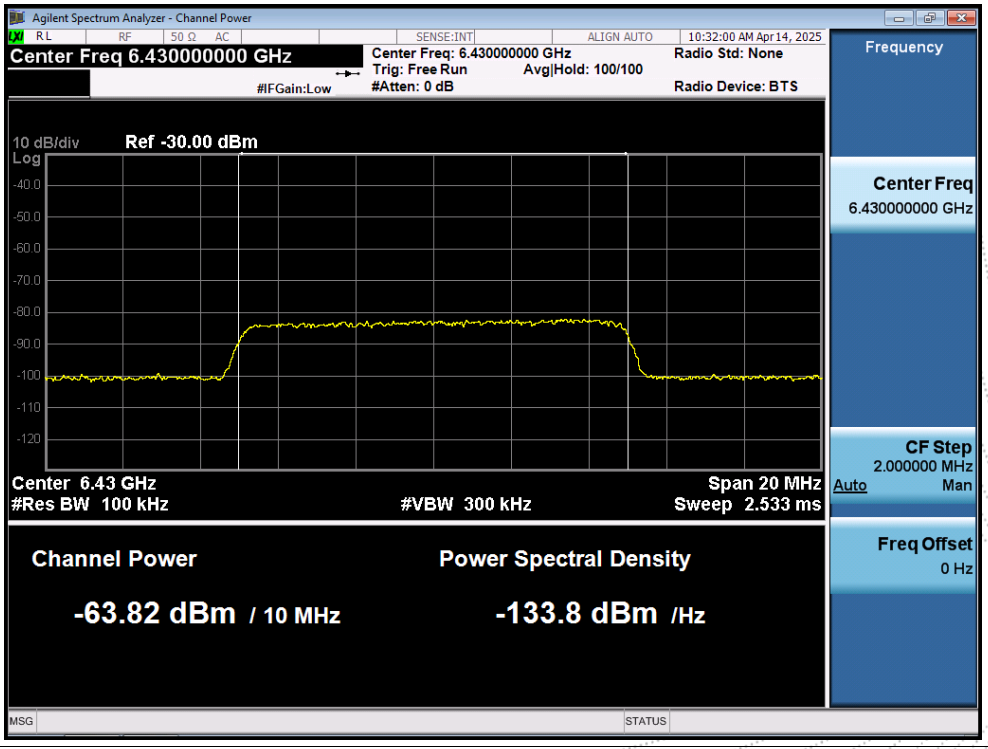
Contention Based Protocol Calibration NVNT ax160 6185MHz Interfere 6185 MHz



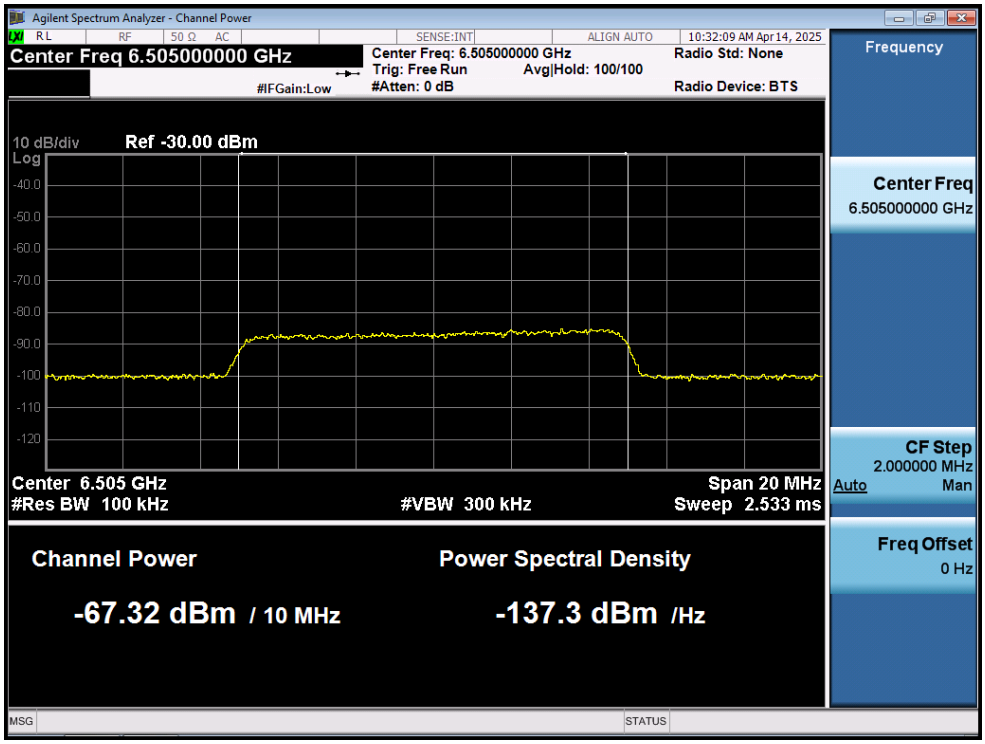
Contention Based Protocol Calibration NVNT ax160 6185MHz Interfere 6260 MHz



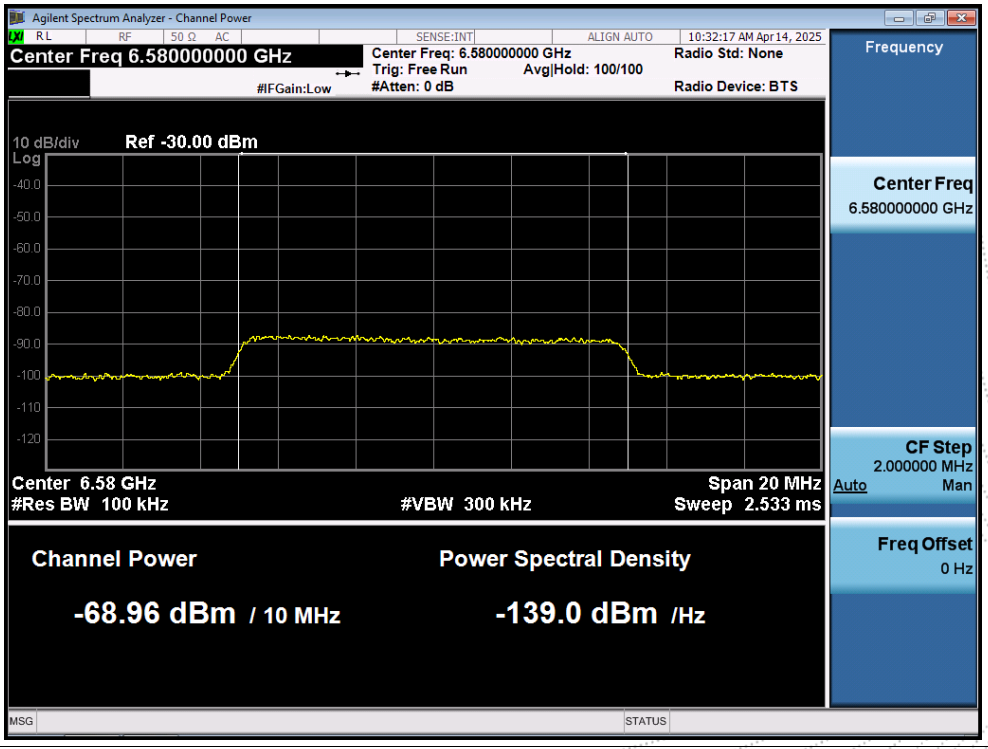
Contention Based Protocol Calibration NVNT ax160 6505MHz Interfere 6430 MHz



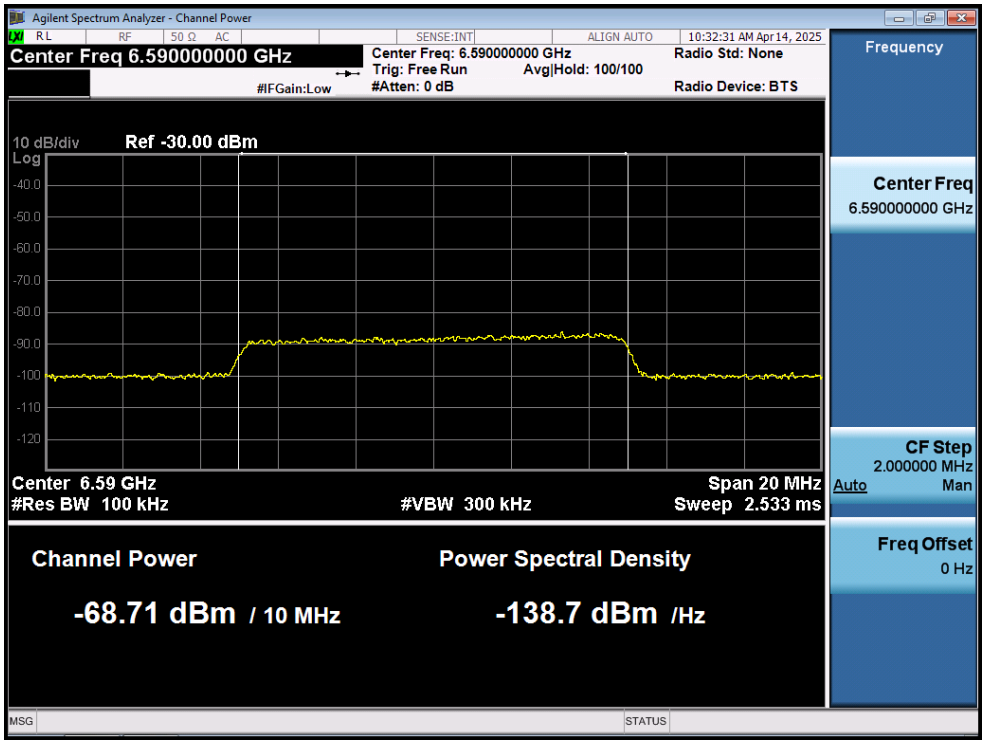
Contention Based Protocol Calibration NVNT ax160 6505MHz Interfere 6505 MHz



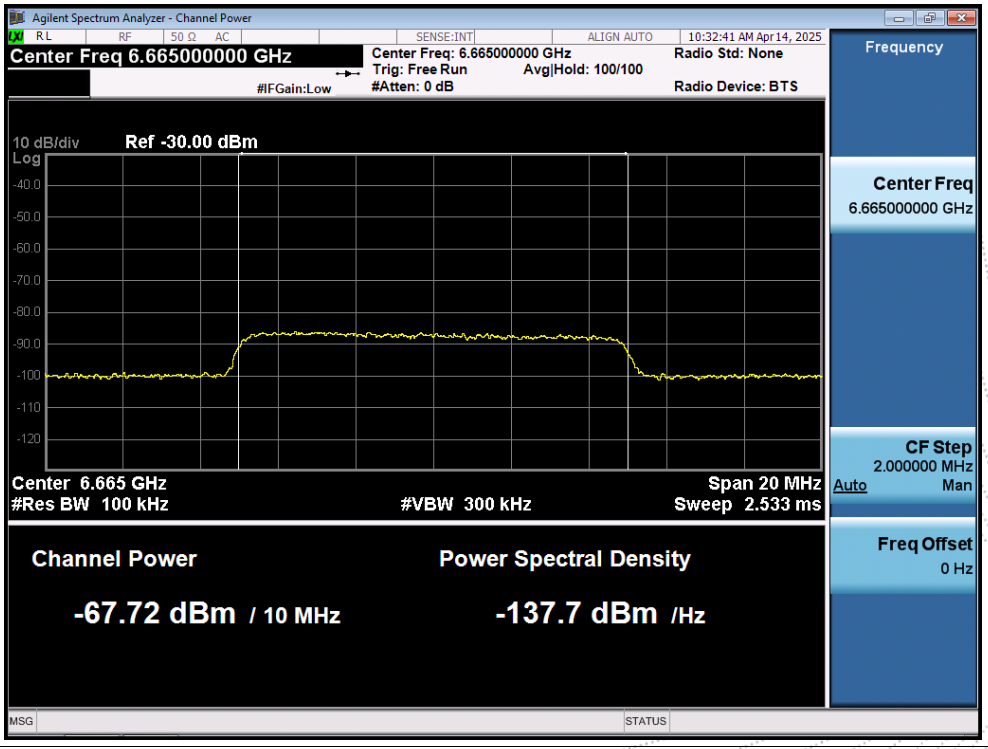
Contention Based Protocol Calibration NVNT ax160 6505MHz Interfere 6580 MHz



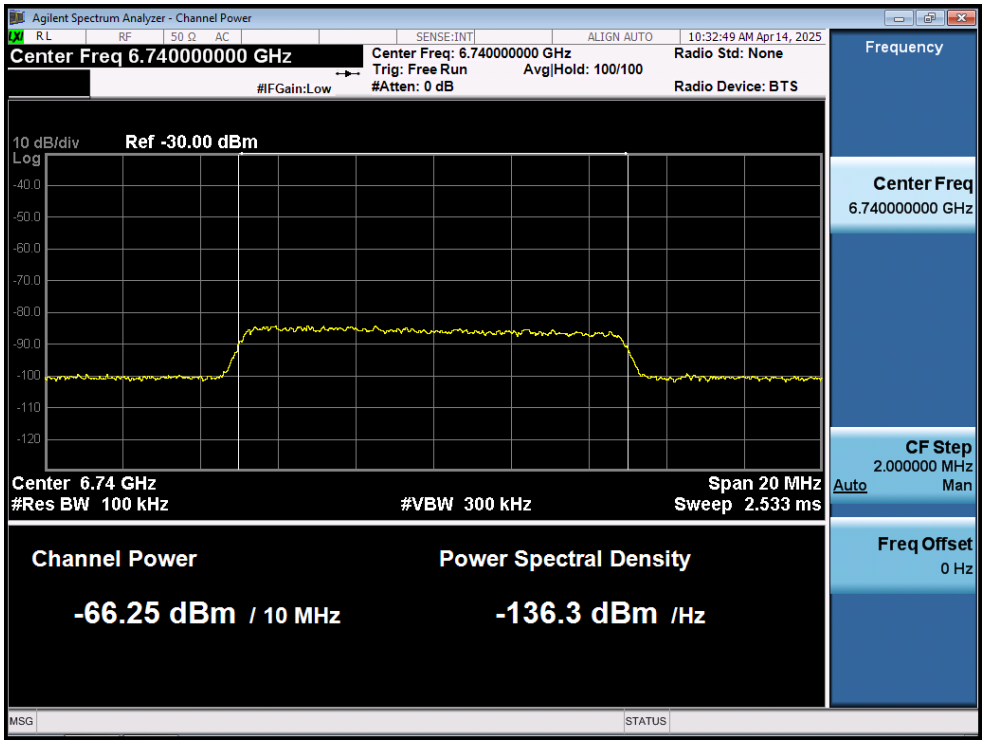
Contention Based Protocol Calibration NVNT ax160 6665MHz Interfere 6590 MHz



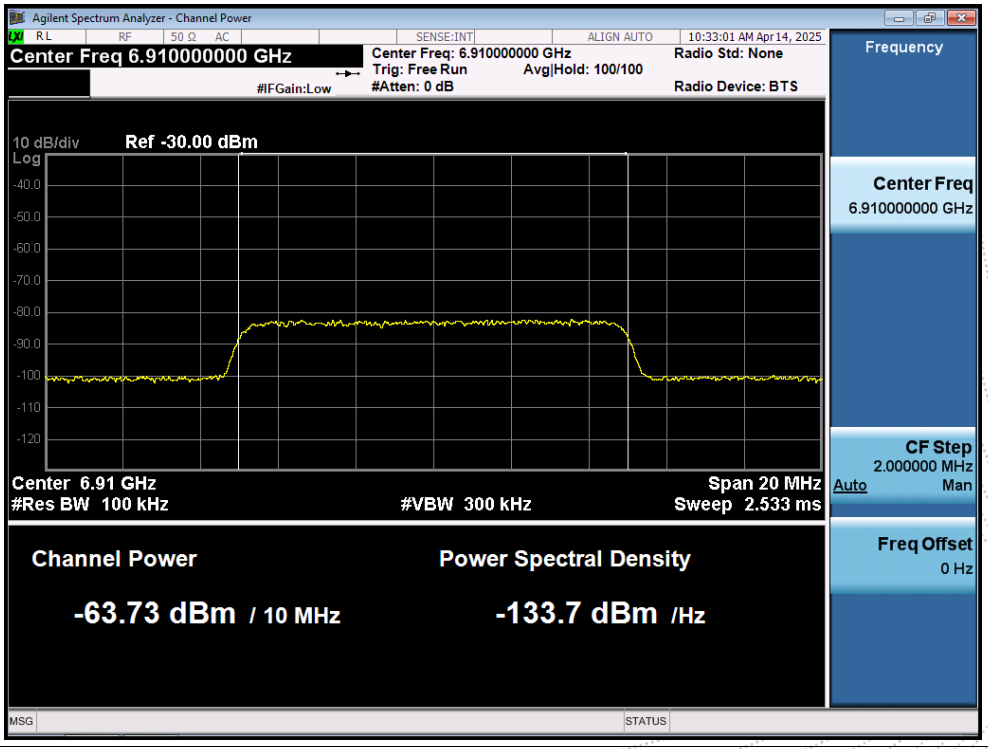
Contention Based Protocol Calibration NVNT ax160 6665MHz Interfere 6665 MHz



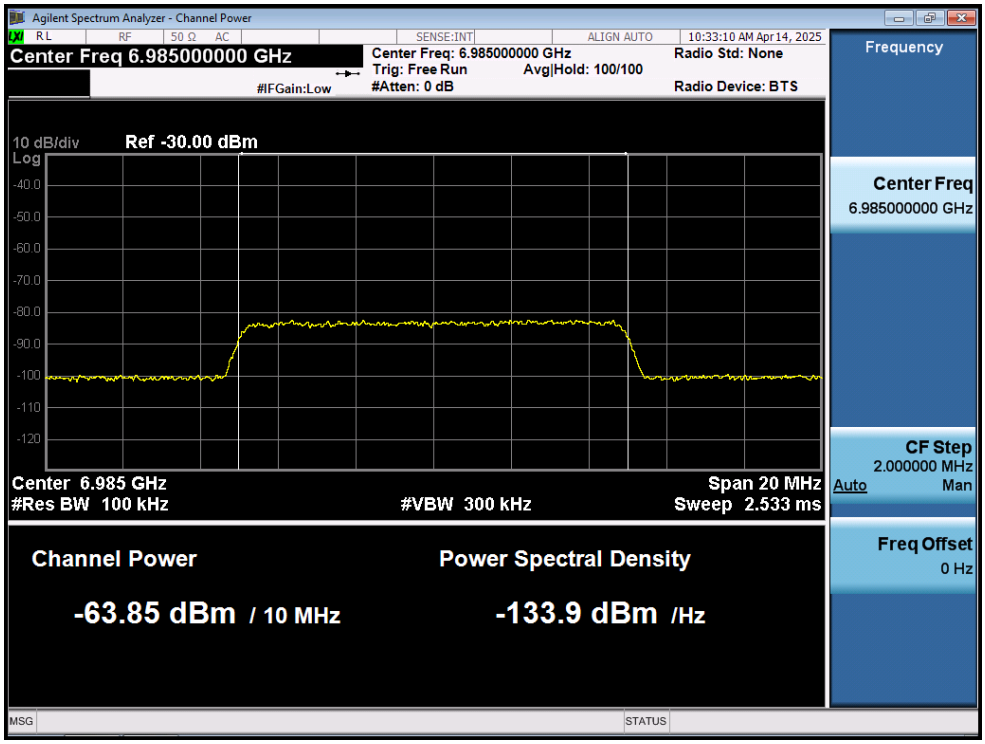
Contention Based Protocol Calibration NVNT ax160 6665MHz Interfere 6740 MHz



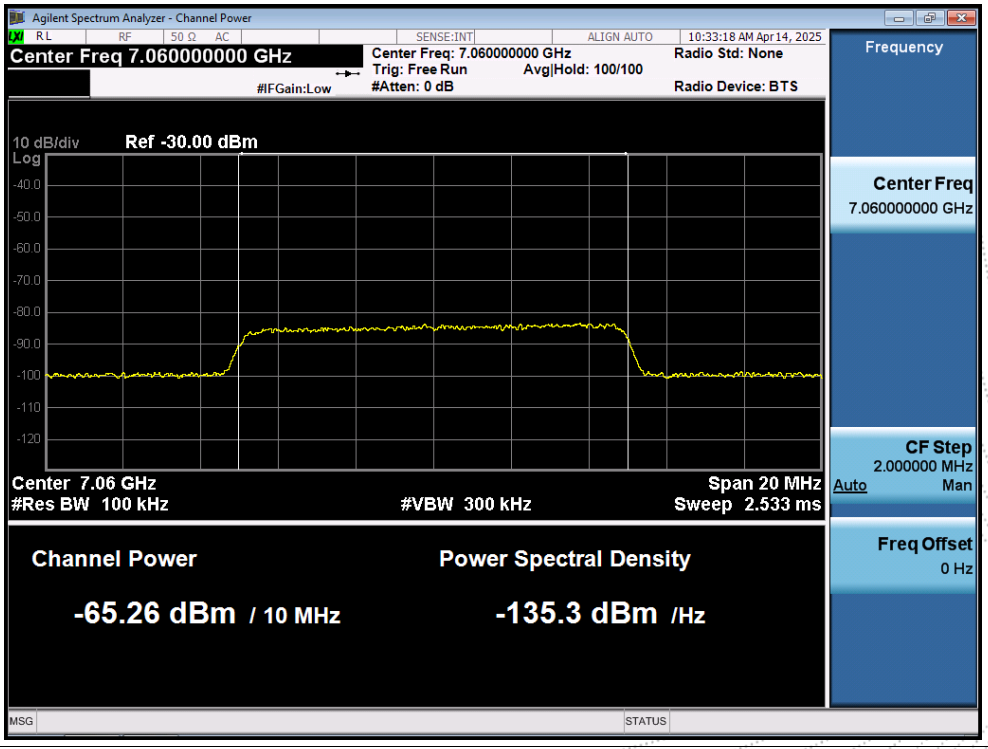
Contention Based Protocol Calibration NVNT ax160 6985MHz Interfere 6910 MHz



Contention Based Protocol Calibration NVNT ax160 6985MHz Interfere 6985 MHz



Contention Based Protocol Calibration NVNT ax160 6985MHz Interfere 7060 MHz



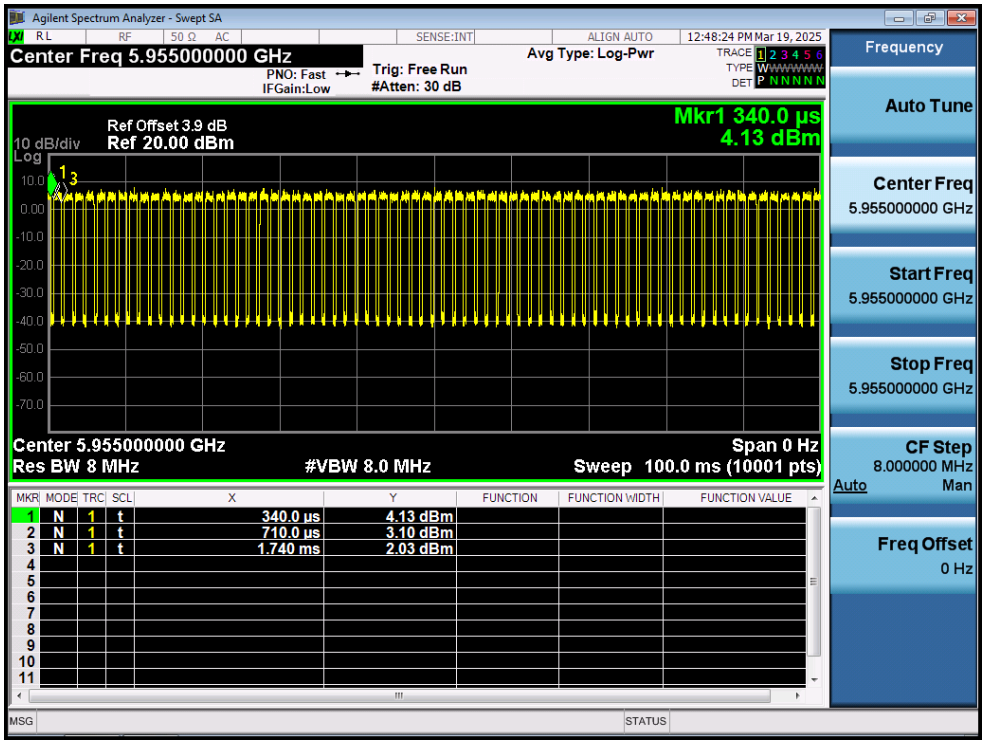
Appendix C. Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax20	5955	AntA	73.57	1.33	0.97
		6175		72.86	1.38	0.98
		6415		72.34	1.41	0.98
		6435		73.05	1.36	0.97
		6475		72.34	1.41	0.98
		6515		73.05	1.36	0.97
		6535		72.86	1.38	0.98
		6695		73.57	1.33	0.97
		6855		72.86	1.38	0.98
		6875		72.86	1.38	0.98
		6895		72.86	1.38	0.98
		6995		73.05	1.36	0.97
		7115		72.86	1.38	0.98
		5955	AntB	46.49	3.33	3.22
		6175		46.49	3.33	3.22
		6415		46.57	3.32	3.21
		6435		45.87	3.38	3.22
		6475		58.57	2.32	1.8
		6515		72.68	1.39	0.98
		6535		72.6	1.39	0.98
		6695		72.62	1.39	0.98
		6855		72.68	1.39	0.98
		6875		72.68	1.39	0.98
		6895		73.09	1.36	0.98
		6995		72.68	1.39	0.98
		7115		73.14	1.36	0.98
	ax40	5965	AntA	46.27	3.35	3.23
		6165		45.59	3.41	3.23
		6405		46.27	3.35	3.23
		6445		46.27	3.35	3.23
		6485		46.27	3.35	3.23
		6525		46.27	3.35	3.23
		6565		46.27	3.35	3.23
		6685		45.59	3.41	3.23
		6845		45.59	3.41	3.23
		6885		46.27	3.35	3.23
		6925		46.97	3.28	3.23
		6965		45.59	3.41	3.23
		7085		46.27	3.35	3.23

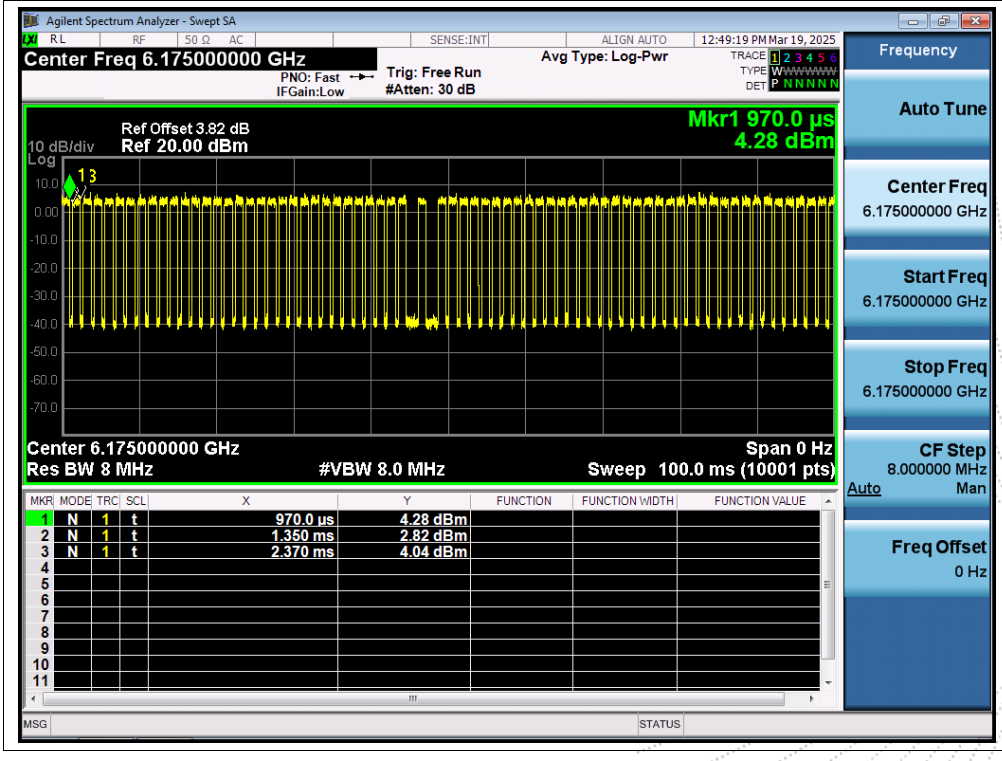
		5965		46.27	3.35	3.23
		6165		46.27	3.35	3.23
		6405		46.27	3.35	3.23
		6445		45.59	3.41	3.23
		6485		46.27	3.35	3.23
		6525		47.76	3.21	3.13
		6565	AntB	45.59	3.41	3.23
		6685		45.59	3.41	3.23
		6845		46.27	3.35	3.23
		6885		45.59	3.41	3.23
		6925		46.27	3.35	3.23
		6965		46.27	3.35	3.23
		7085		46.27	3.35	3.23
	ax80	5985		43.28	3.64	3.45
		6145		44.12	3.55	3.33
		6385		43.28	3.64	3.45
		6465		43.28	3.64	3.45
		6545		44.12	3.55	3.33
		6625	AntA	44.78	3.49	3.33
		6705		43.28	3.64	3.45
		6785		41.43	3.83	3.45
		6865		42.86	3.68	3.33
		6945		44.12	3.55	3.33
		7025		41.43	3.83	3.45
		5985		44.78	3.49	3.33
		6145		42.86	3.68	3.33
		6385		44.12	3.55	3.33
		6465		41.43	3.83	3.45
		6545		42.86	3.68	3.33
		6625	AntB	44.12	3.55	3.33
		6705		43.28	3.64	3.45
		6785		43.28	3.64	3.45
		6865		44.78	3.49	3.33
		6945		44.12	3.55	3.33
		7025		41.43	3.83	3.45
	ax160	6025		31.03	5.08	5.56
		6185		31.03	5.08	5.56
		6345		31.03	5.08	5.56
		6505	AntA	31.03	5.08	5.56
		6665		31.58	5.01	5.56
		6825		31.03	5.08	5.56
		6985		30.51	5.16	5.56
		6025	AntB	39.73	4.01	3.45

		6185		41.1	3.86	3.33
		6345		39.73	4.01	3.45
		6505		39.73	4.01	3.45
		6665		40.28	3.95	3.45
		6825		40.54	3.92	3.33
		6985		40.28	3.95	3.45

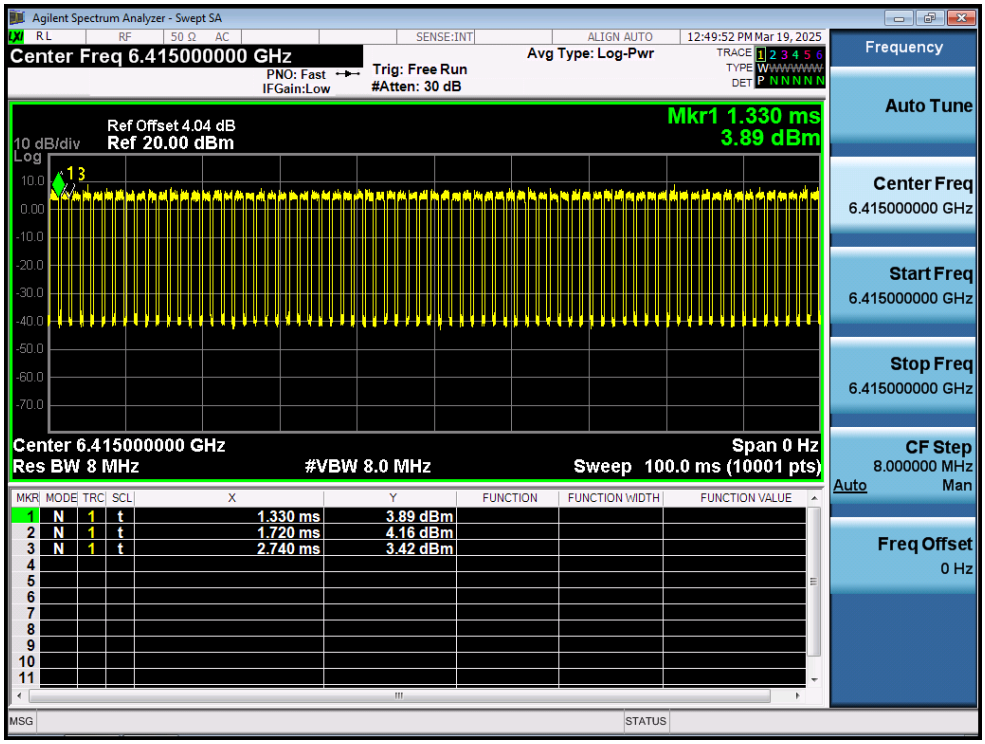
Test Graphs
Duty Cycle NVNT ax20 5955MHz AntA



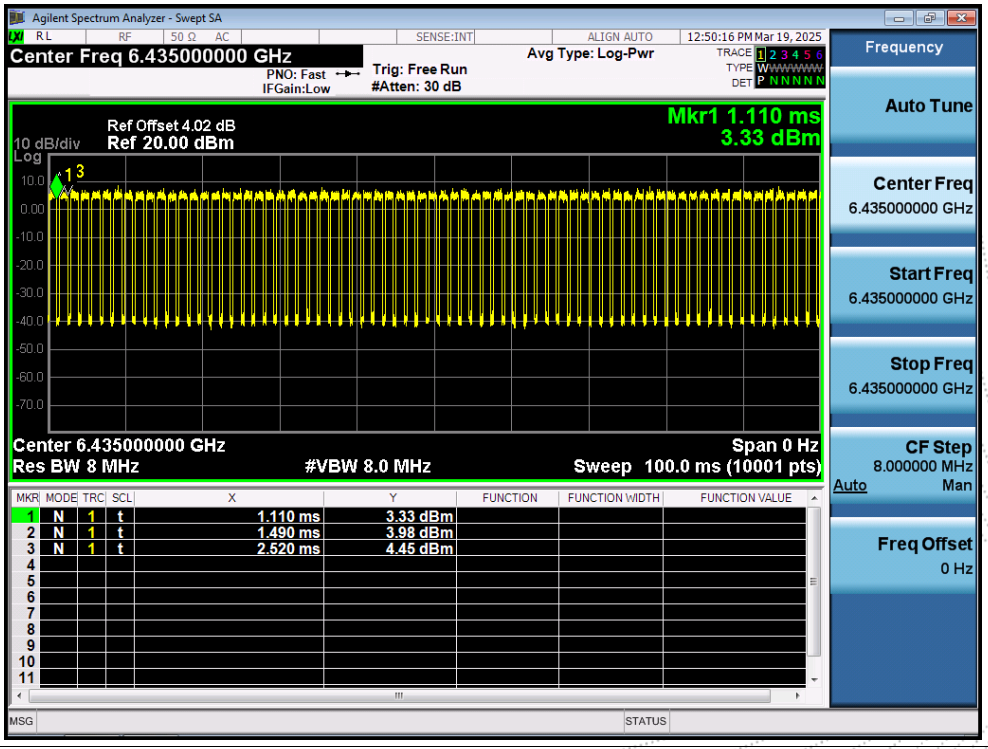
Duty Cycle NVNT ax20 6175MHz AntA



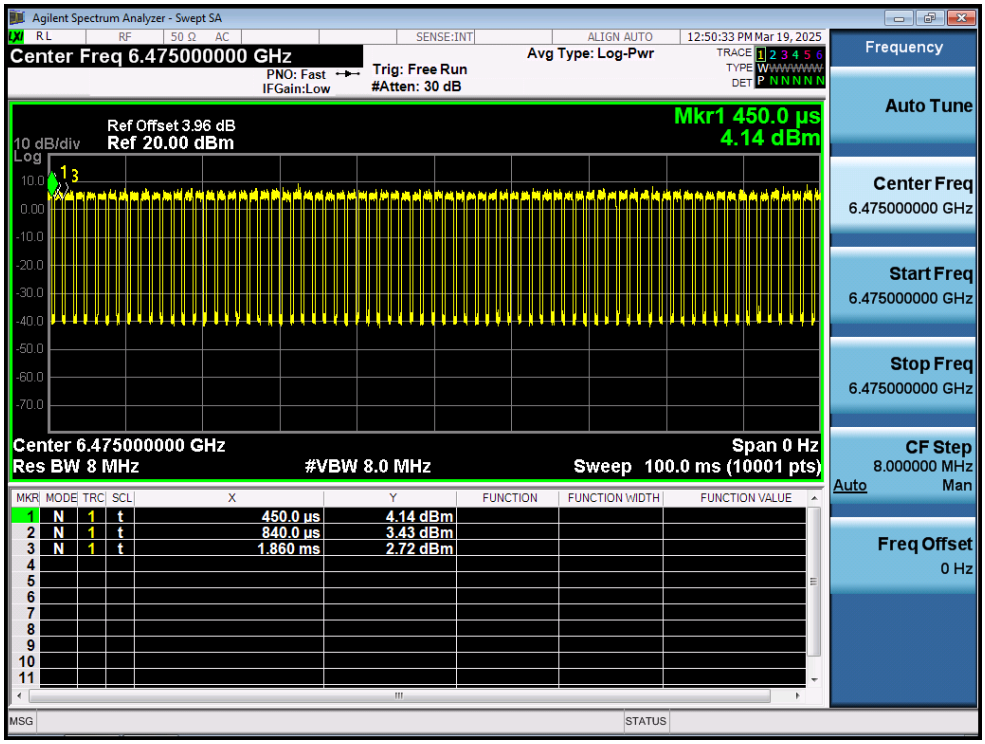
Duty Cycle NVNT ax20 6415MHz AntA



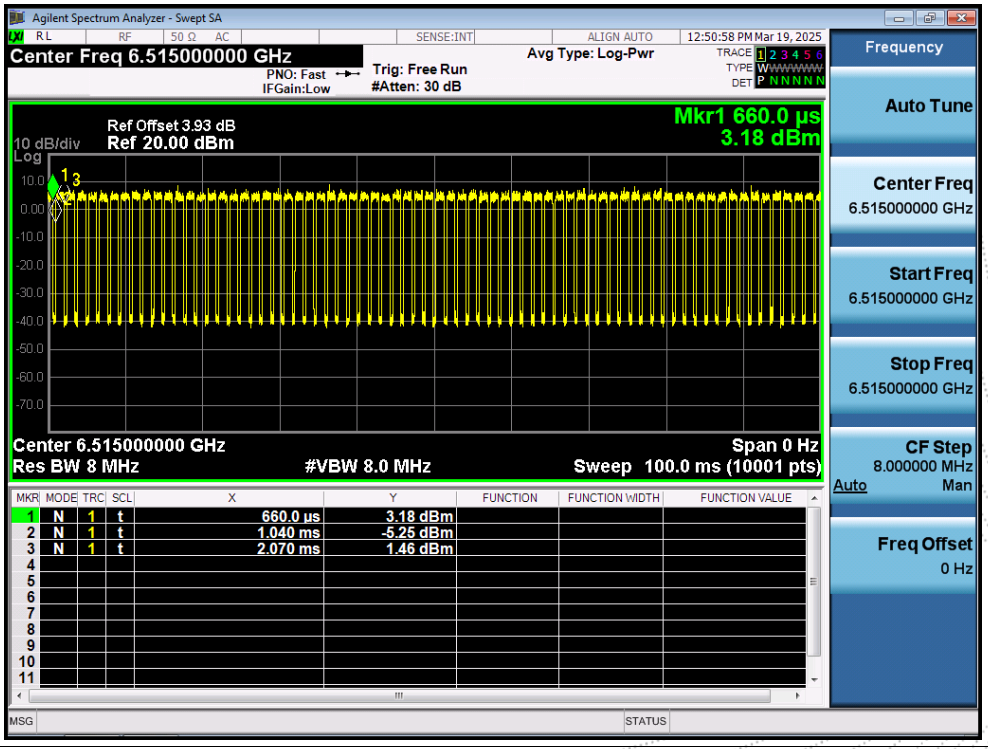
Duty Cycle NVNT ax20 6435MHz AntA



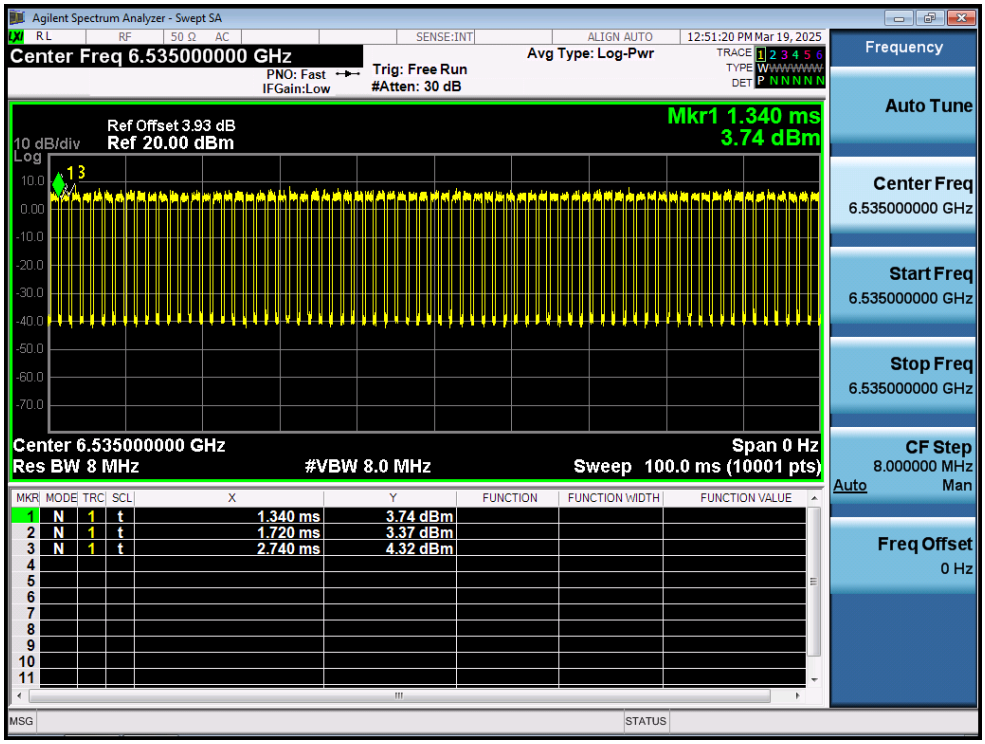
Duty Cycle NVNT ax20 6475MHz AntA



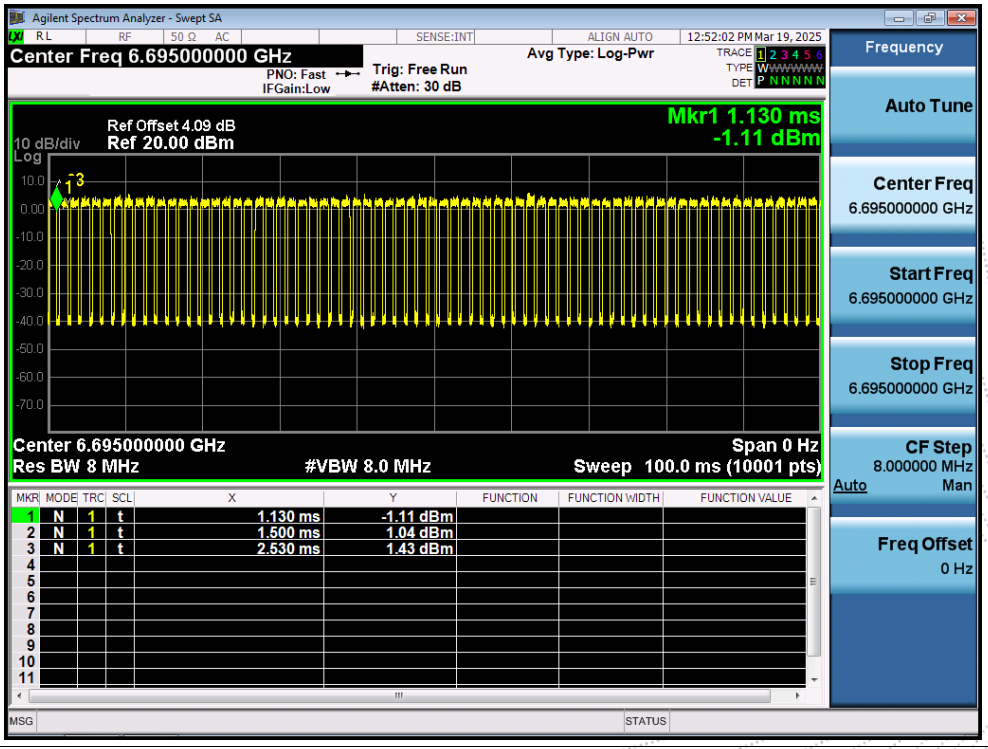
Duty Cycle NVNT ax20 6515MHz AntA



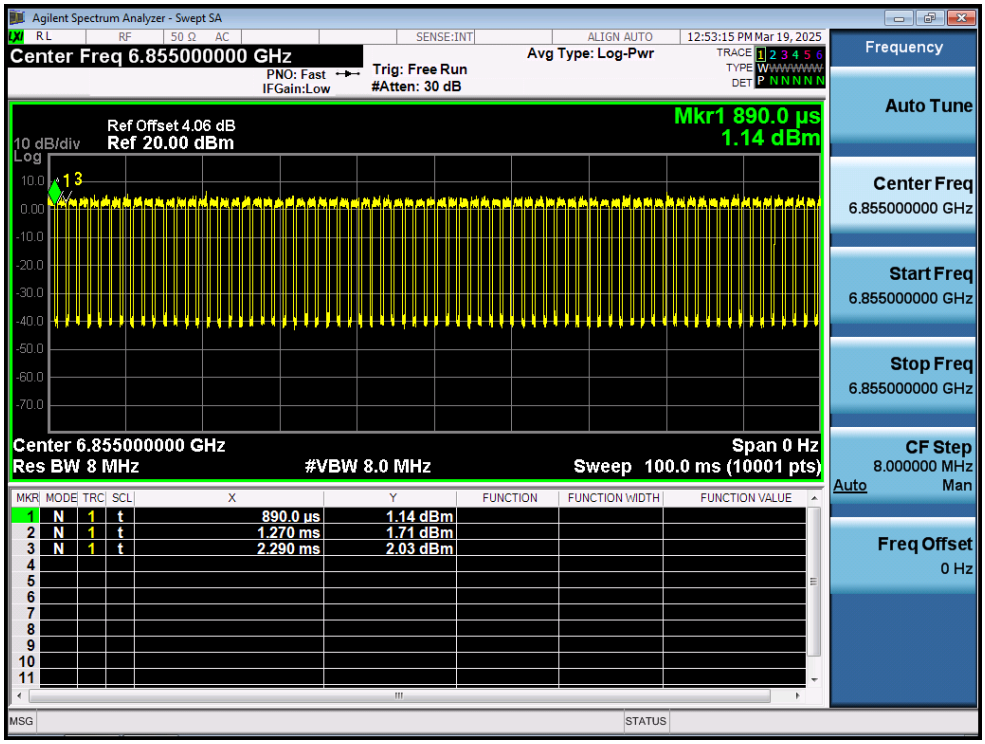
Duty Cycle NVNT ax20 6535MHz AntA



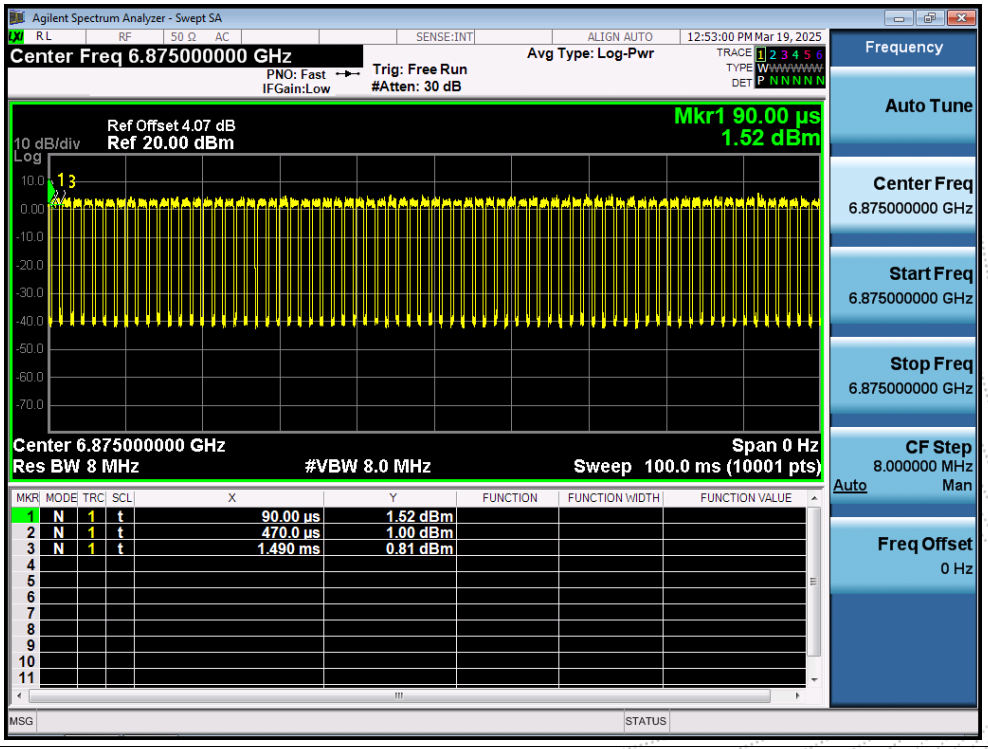
Duty Cycle NVNT ax20 6695MHz AntA



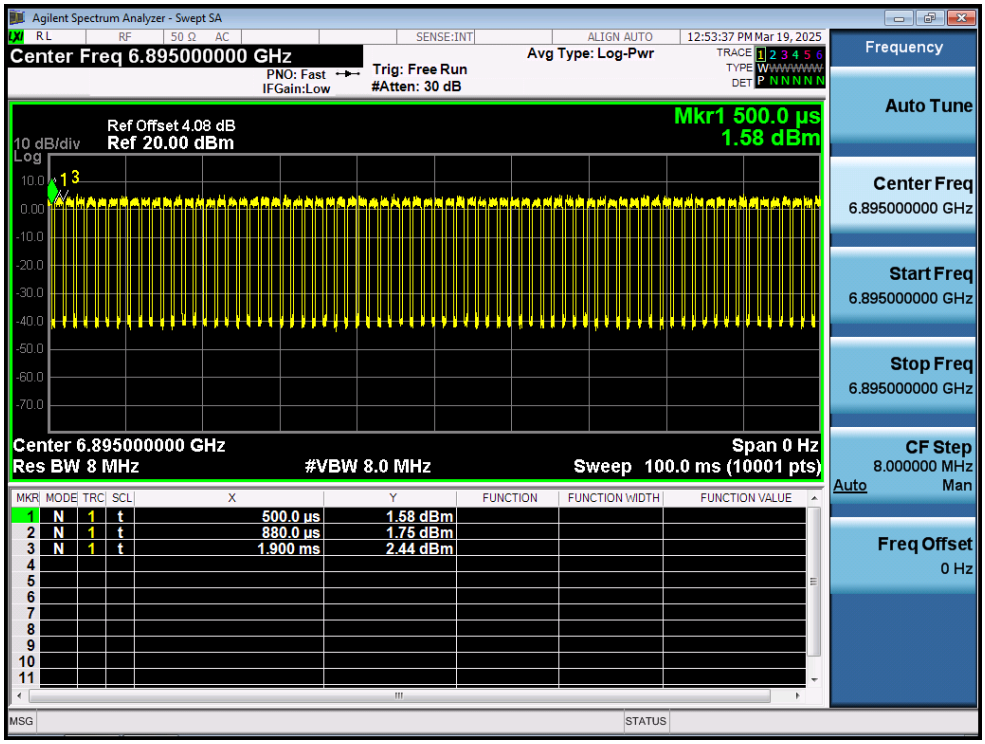
Duty Cycle NVNT ax20 6855MHz AntA



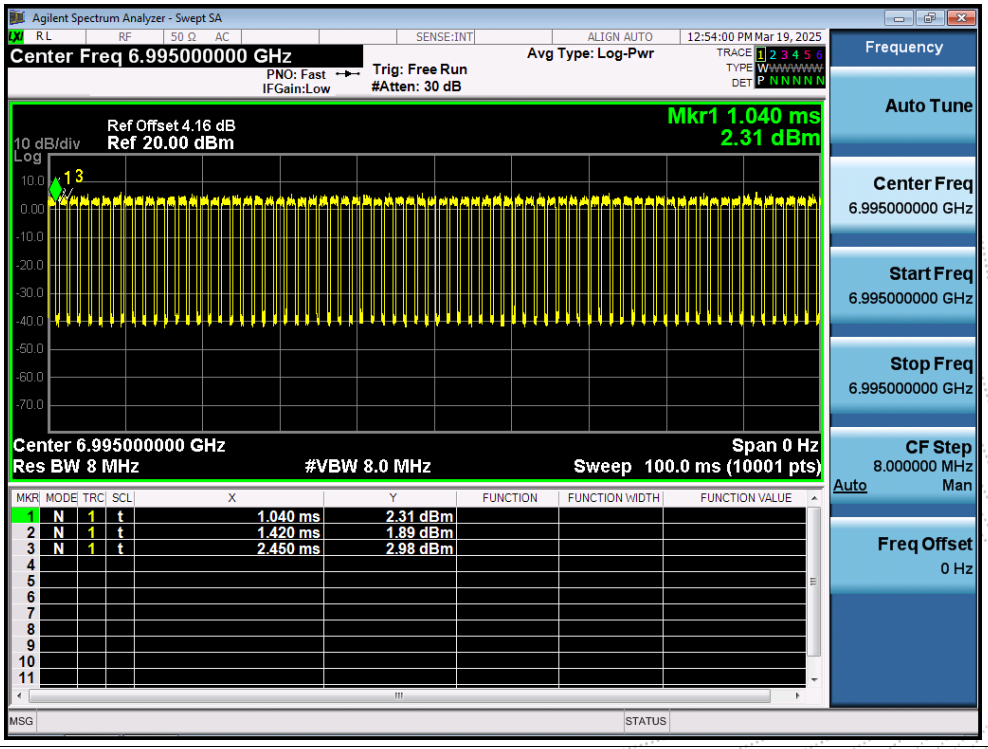
Duty Cycle NVNT ax20 6875MHz AntA



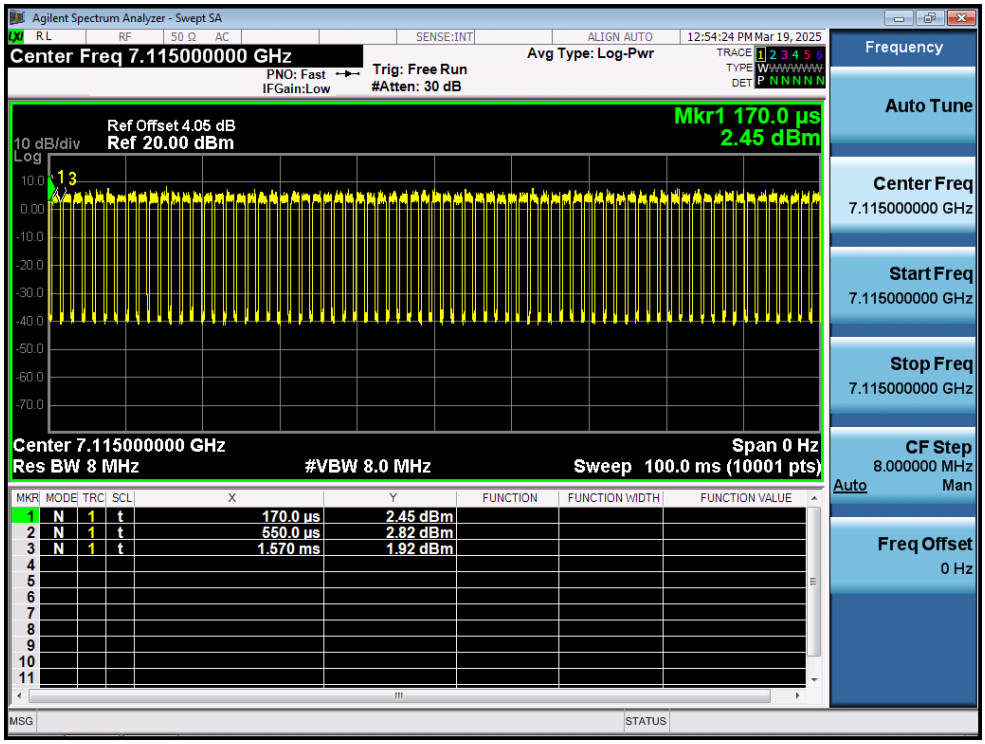
Duty Cycle NVNT ax20 6895MHz AntA



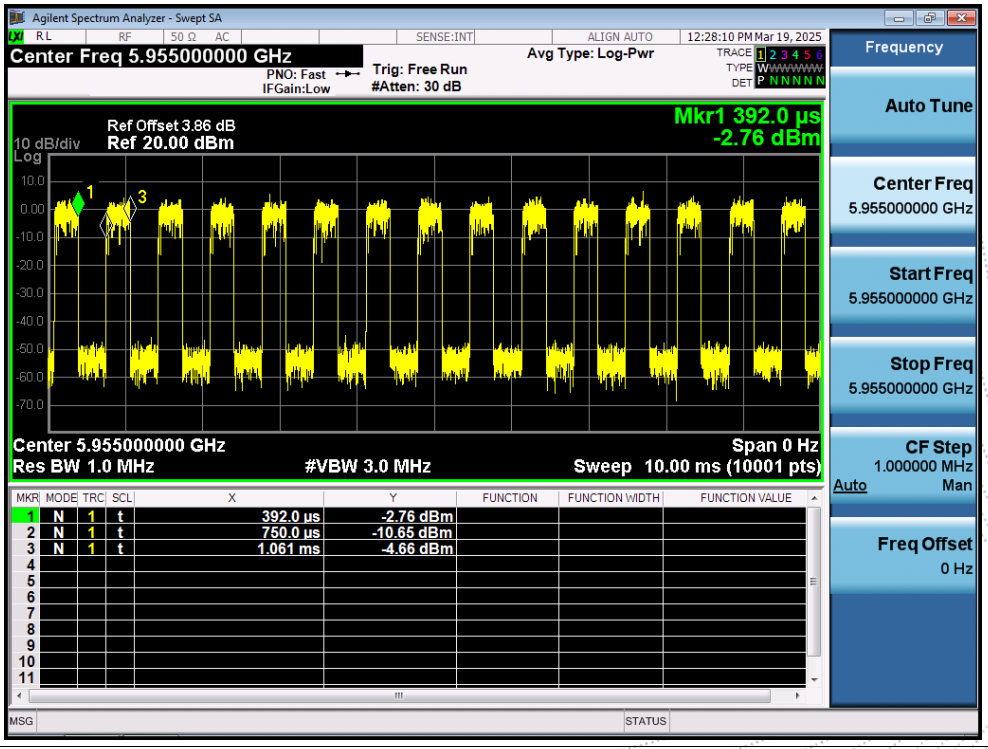
Duty Cycle NVNT ax20 6995MHz AntA



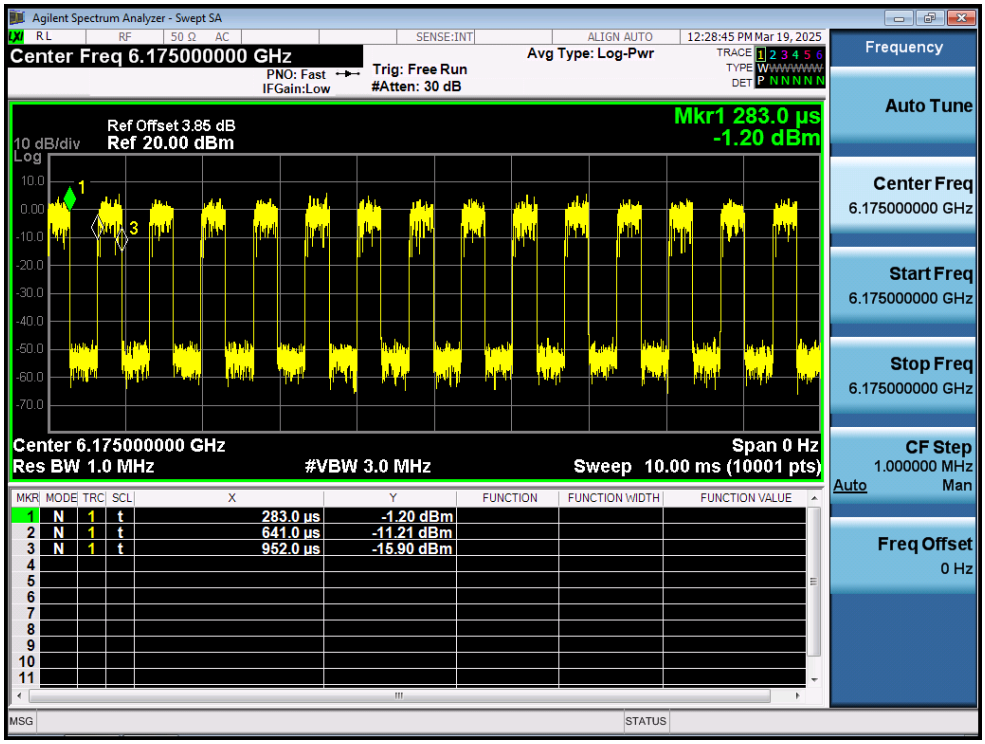
Duty Cycle NVNT ax20 7115MHz AntA



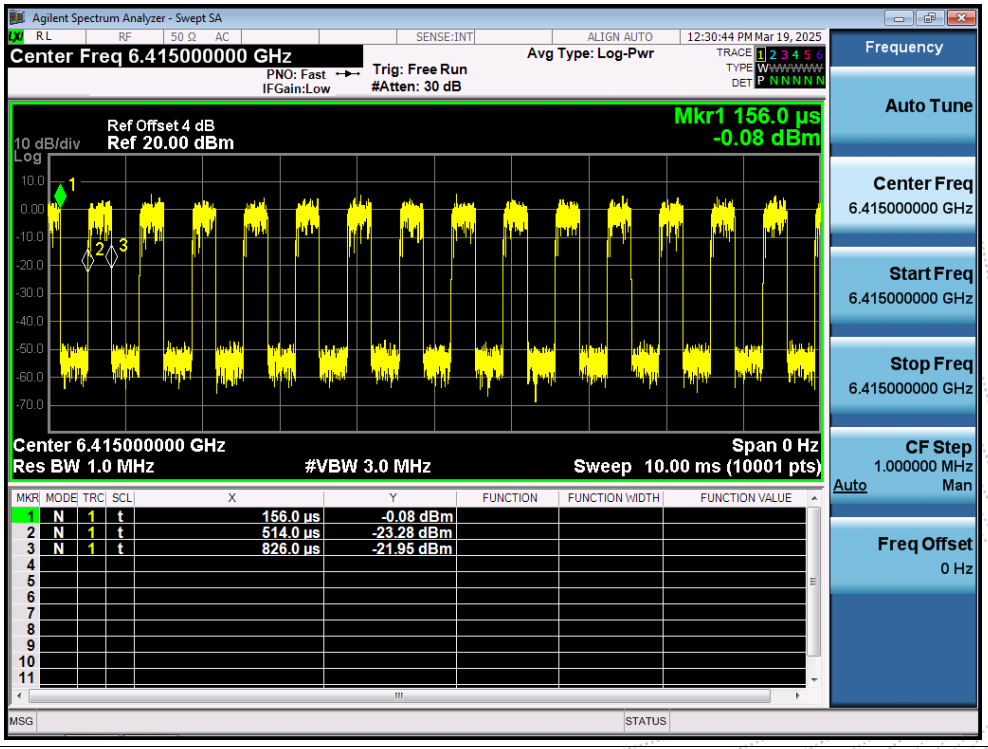
Duty Cycle NVNT ax20 5955MHz AntB



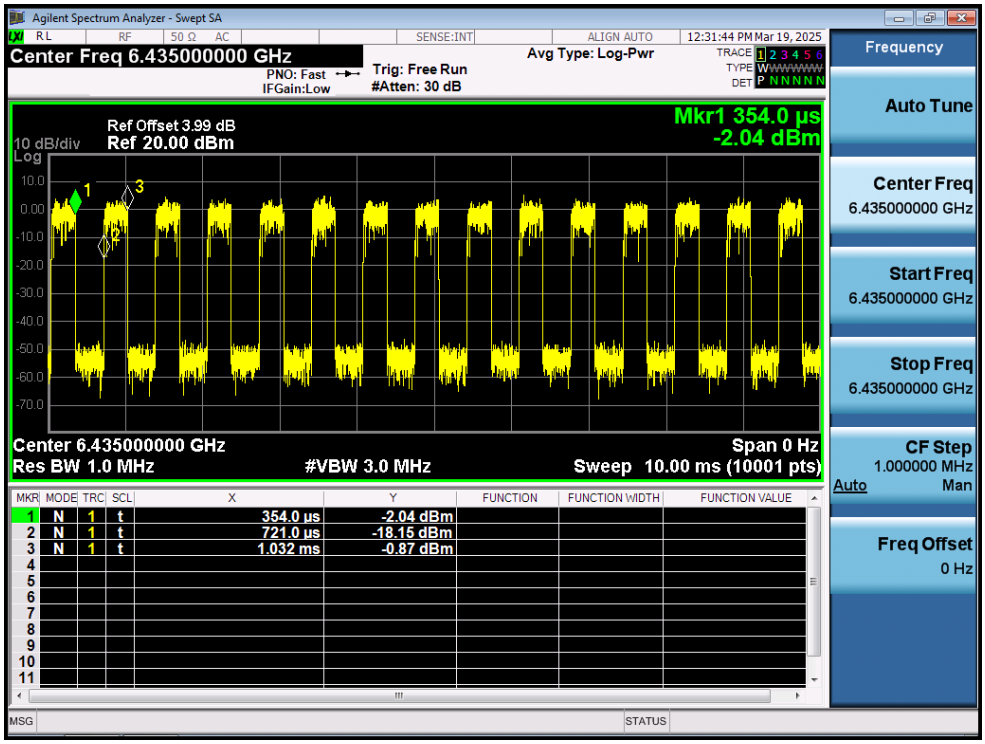
Duty Cycle NVNT ax20 6175MHz AntB



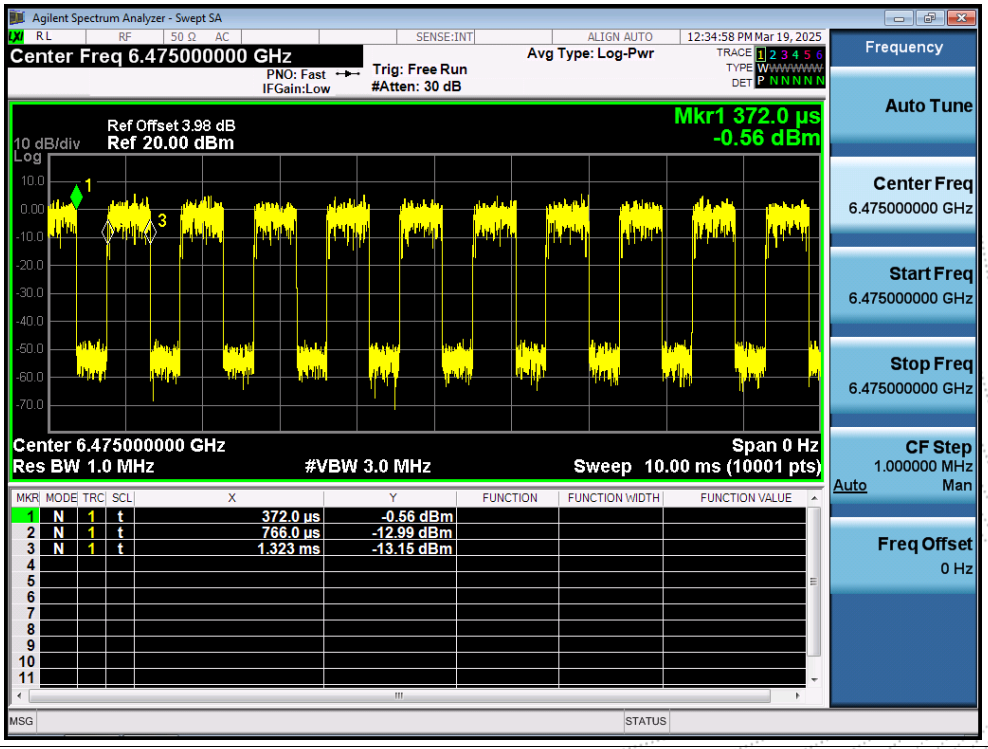
Duty Cycle NVNT ax20 6415MHz AntB



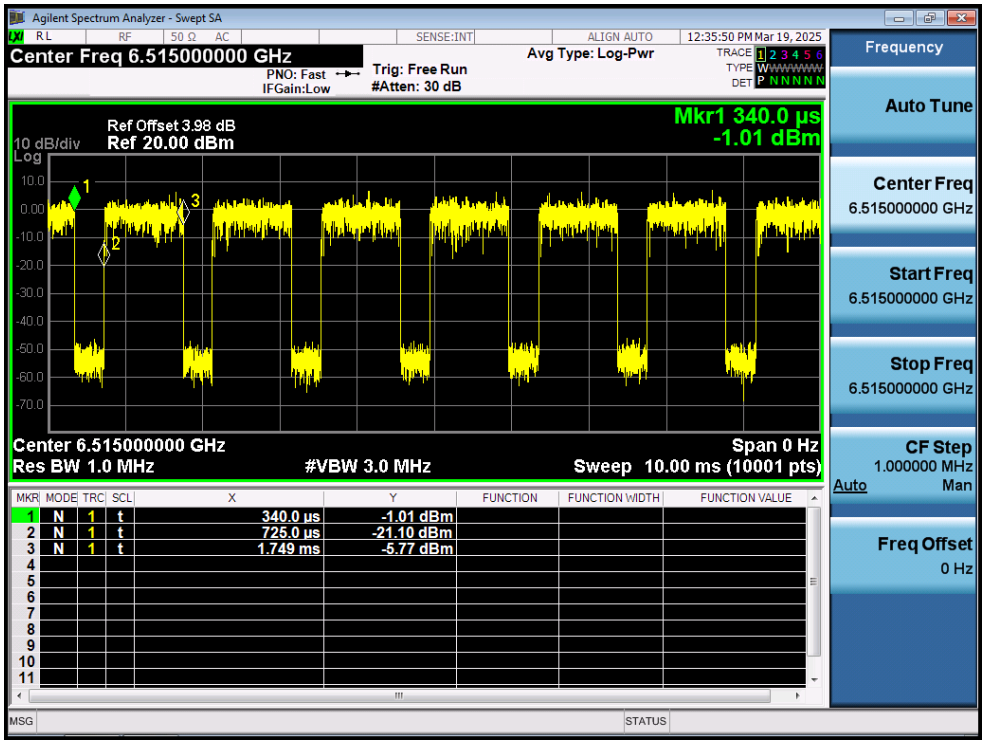
Duty Cycle NVNT ax20 6435MHz AntB



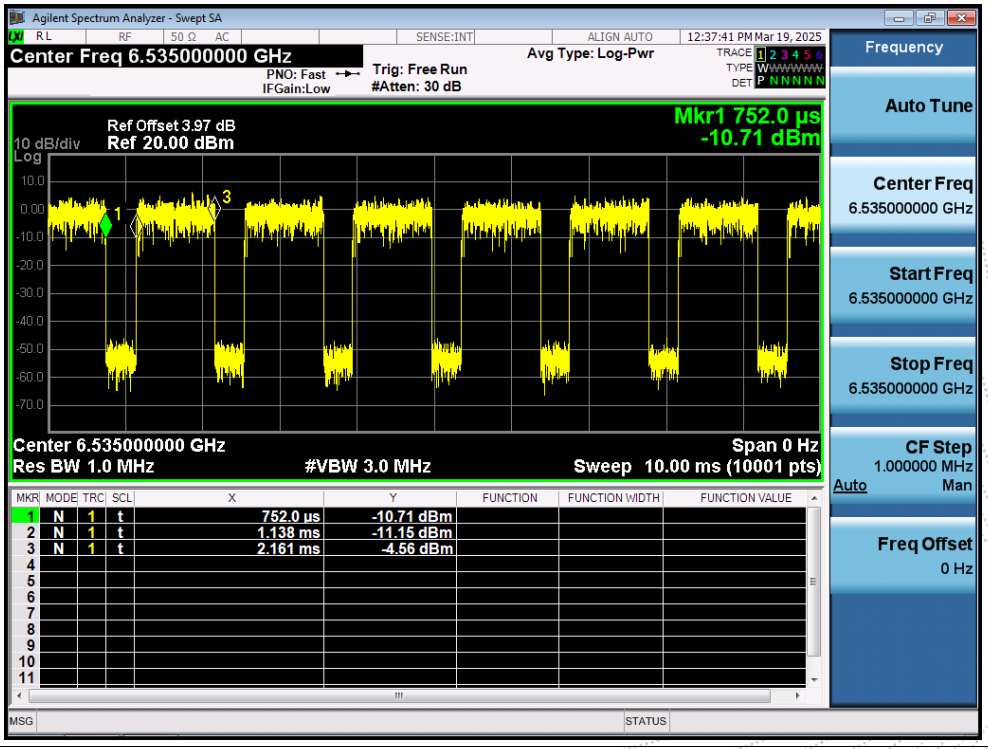
Duty Cycle NVNT ax20 6475MHz AntB



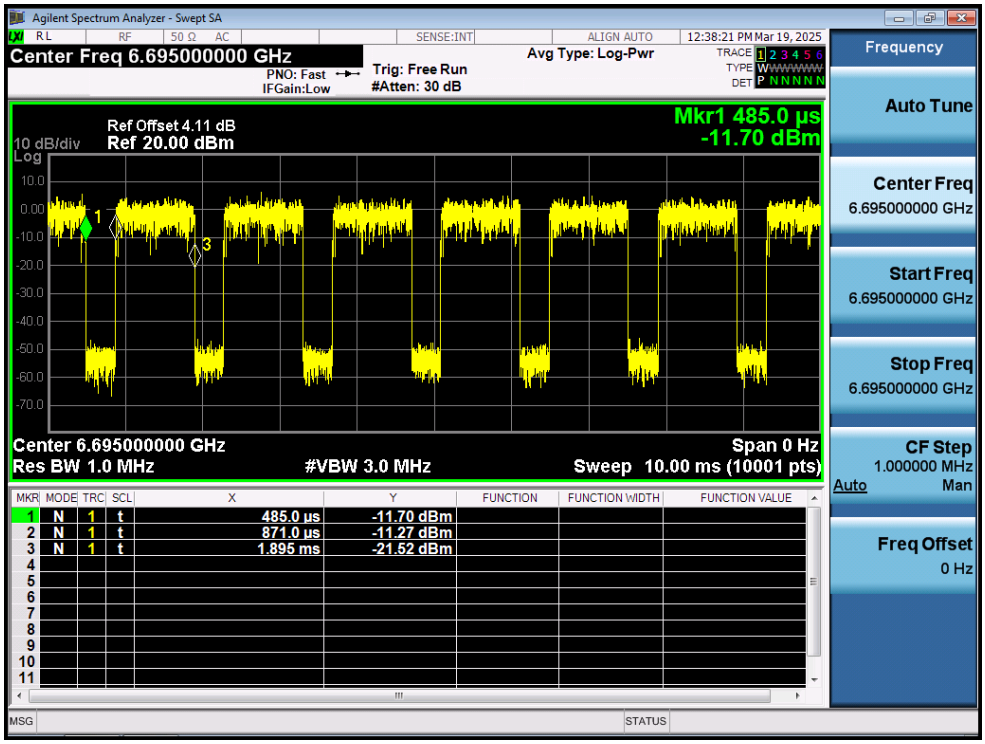
Duty Cycle NVNT ax20 6515MHz AntB



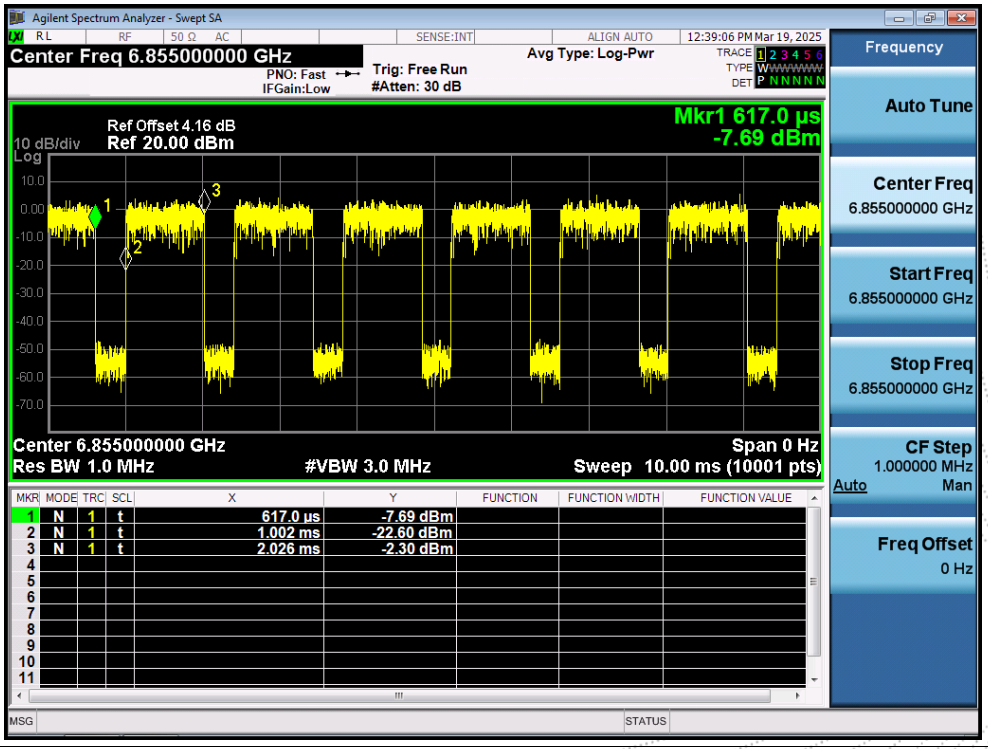
Duty Cycle NVNT ax20 6535MHz AntB



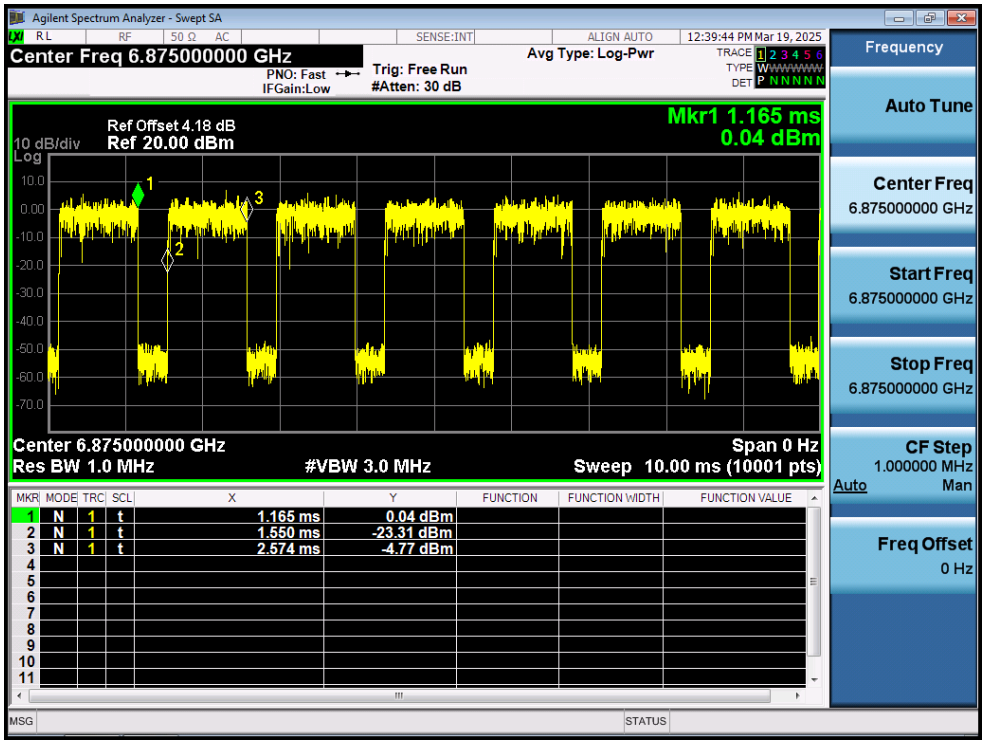
Duty Cycle NVNT ax20 6695MHz AntB



Duty Cycle NVNT ax20 6855MHz AntB



Duty Cycle NVNT ax20 6875MHz AntB



Duty Cycle NVNT ax20 6895MHz AntB