

Appendix for Antenna A

Report No.: BCTC2509281447-4E

Applicant: MICRO COMPUTER (HK) TECH LIMITED

Product Name: Mini PC

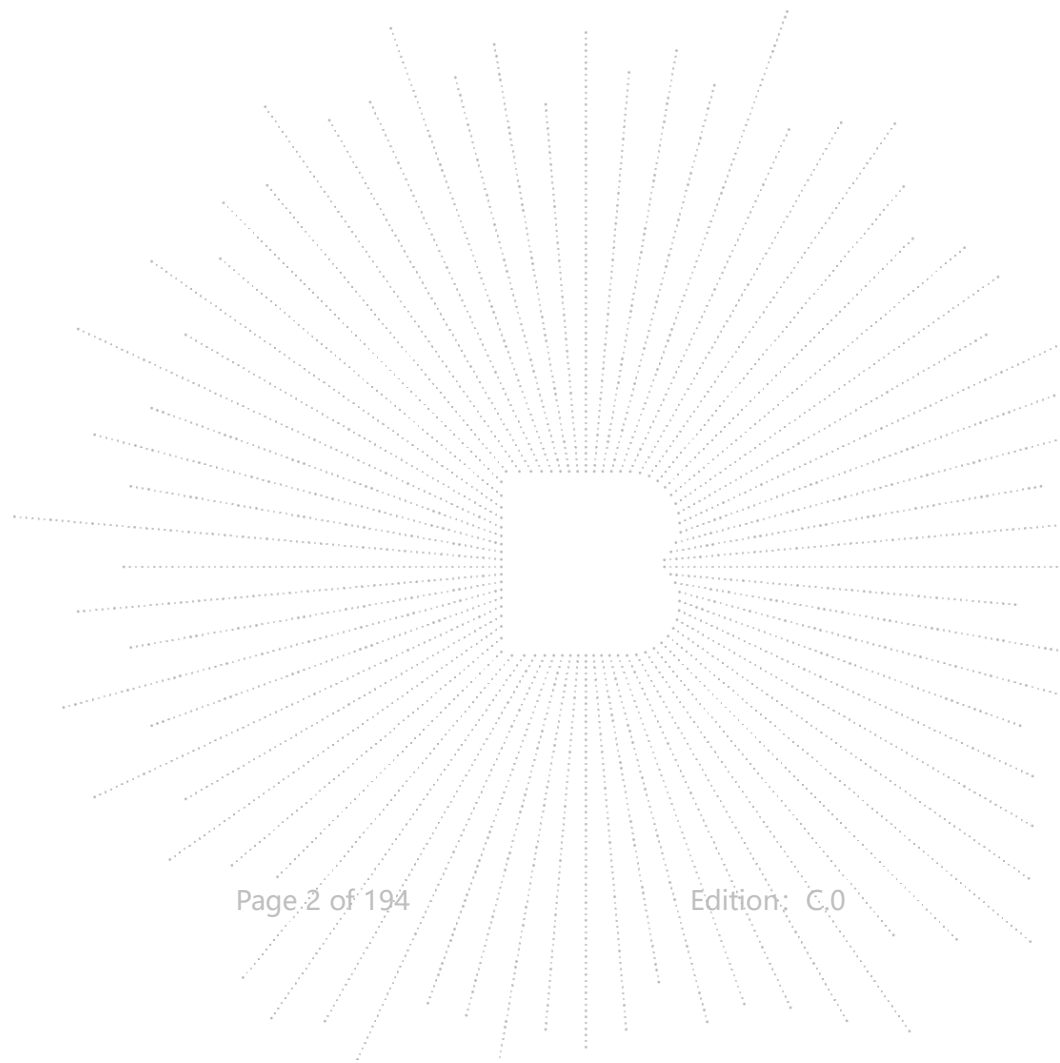
Test Model: MS-S1 MAX

Tested Date: 2025-09-01 to 2025-11-26

Shenzhen BCTC Testing Co., Ltd.

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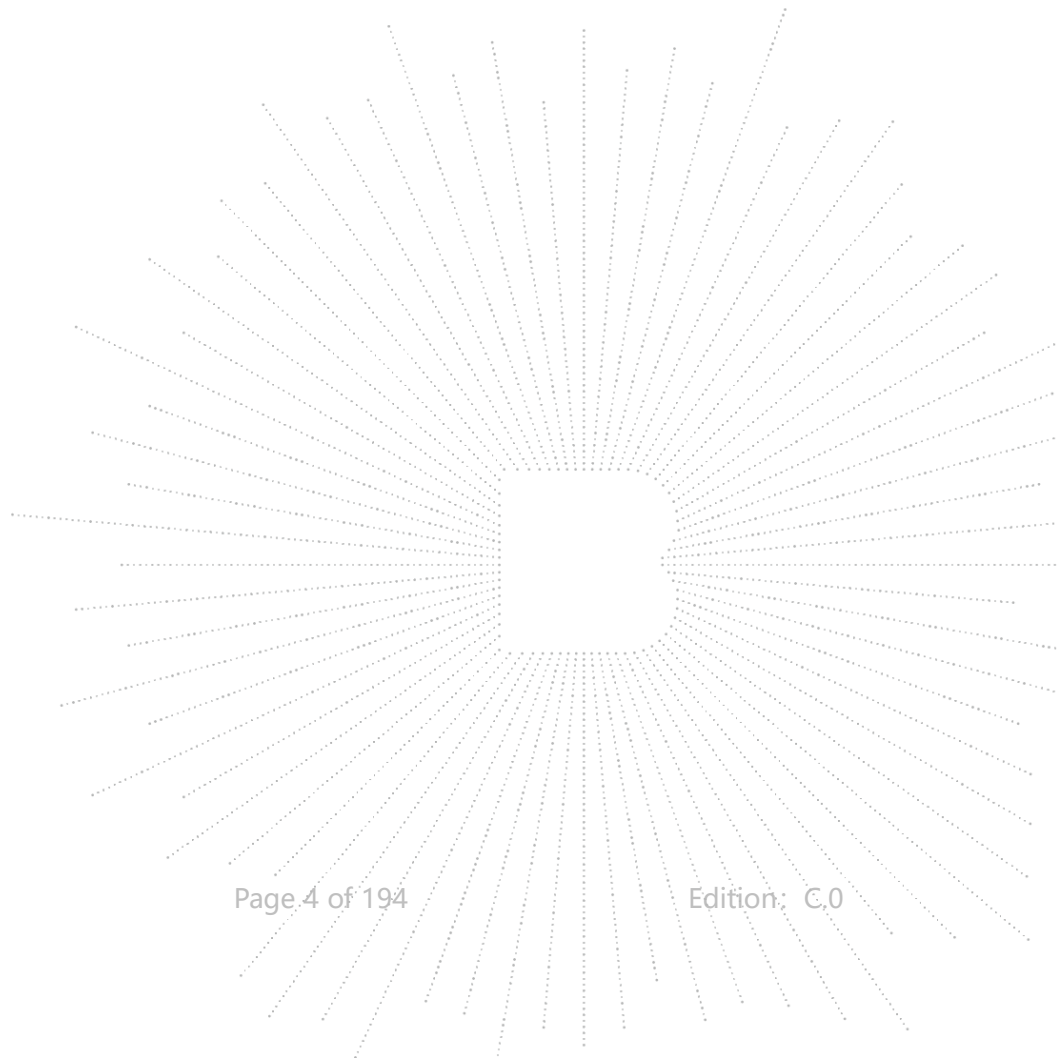
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Appendix 1. Duty Cycle

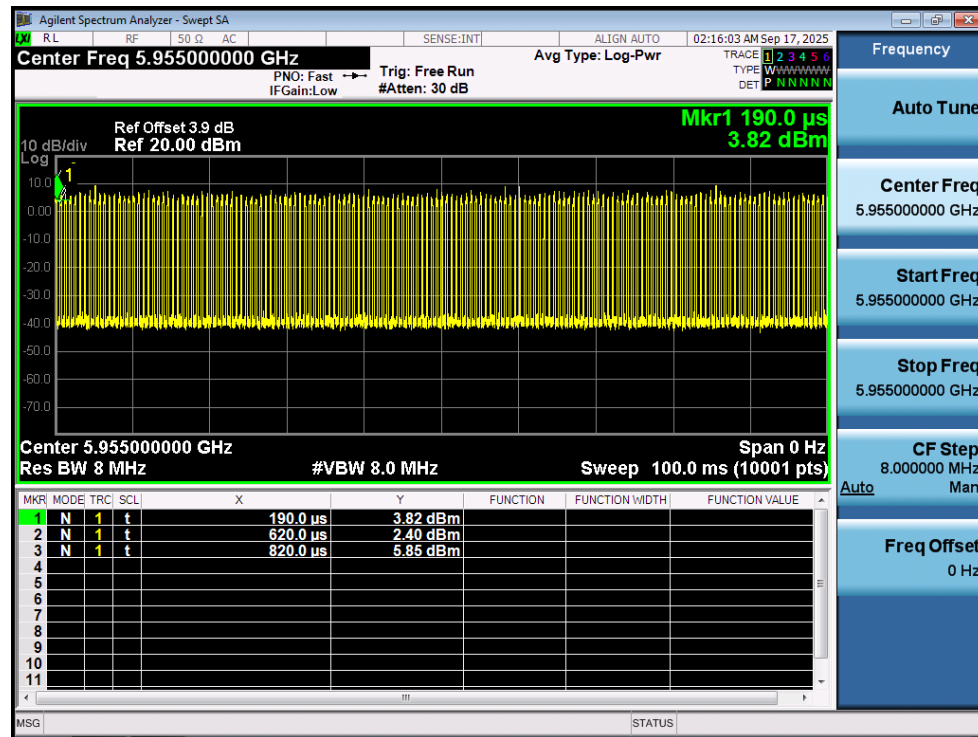
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax20	5955	Ant1	31.75	4.98	5
		6175		32.81	4.84	4.76
		6415		31.75	4.98	5
		6435		31.75	4.98	5
		6475		31.75	4.98	5
		6515		32.81	4.84	4.76
		6535		31.75	4.98	5
		6695		31.25	5.05	5
		6855		31.75	4.98	5
		6875		31.75	4.98	5
		6895		32.81	4.84	4.76
		6995		31.75	4.98	5
		7115		32.81	4.84	4.76
	ax40	5965		32.81	4.84	4.76
		6165		31.75	4.98	5
		6405		31.75	4.98	5
		6445		31.75	4.98	5
		6485		31.75	4.98	5
		6525		31.75	4.98	5
		6565		31.75	4.98	5
		6685		31.75	4.98	5
		6845		31.75	4.98	5
		6885		31.75	4.98	5
		6925		32.81	4.84	4.76
		6965		32.81	4.84	4.76
		7085		31.75	4.98	5
	ax80	5985		30.65	5.14	5.26
		6145		30.65	5.14	5.26
		6385		30.65	5.14	5.26
		6465		30.65	5.14	5.26
		6545		31.75	4.98	5
		6625		30.65	5.14	5.26
		6705		31.75	4.98	5
		6785		30.65	5.14	5.26
		6865		31.75	4.98	5
		6945		30.65	5.14	5.26
		7025		31.75	4.98	5
	ax160	6025		31.75	4.98	5
		6185		31.75	4.98	5

		6345		31.75	4.98	5
		6505		31.75	4.98	5
		6665		31.75	4.98	5
		6825		31.75	4.98	5
		6985		31.75	4.98	5

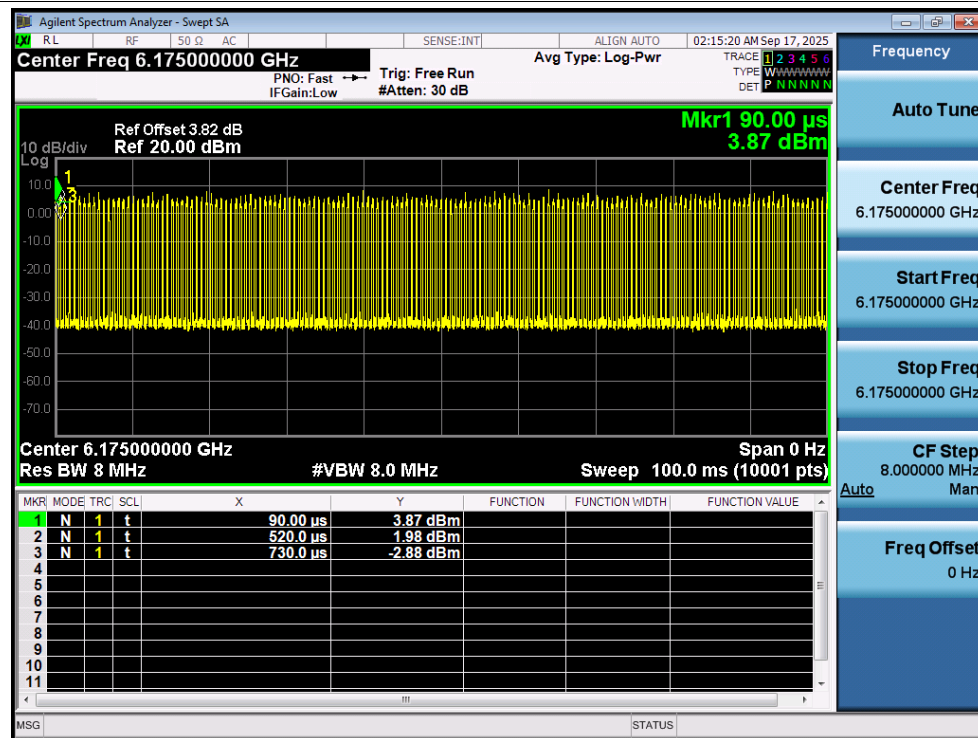


Test Graphs

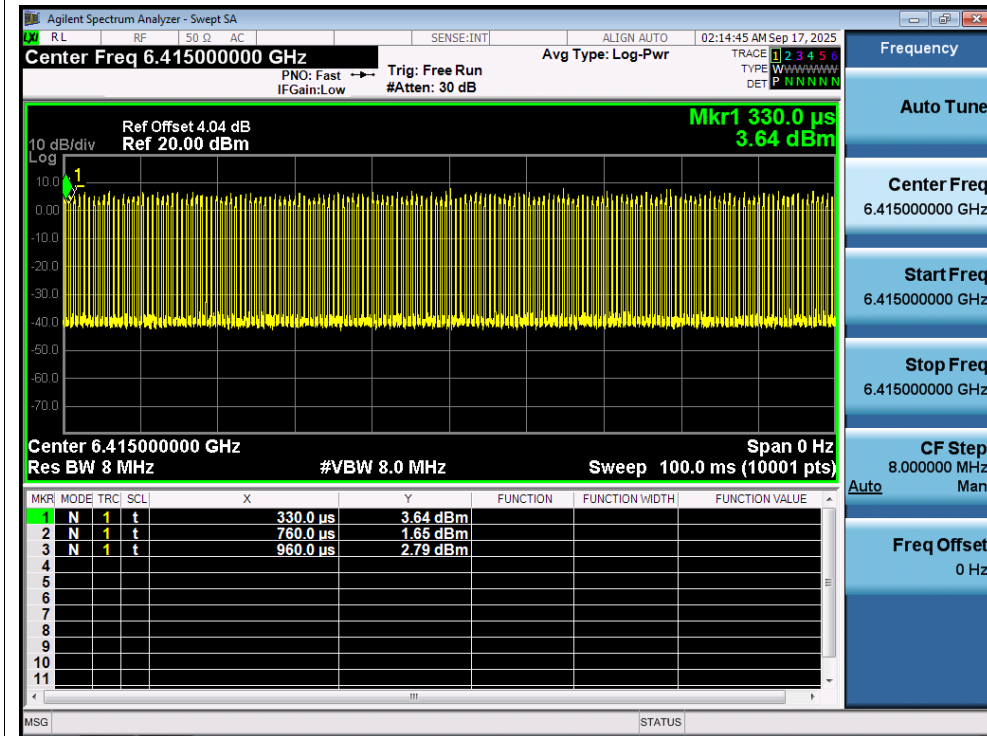
Duty Cycle NVNT ax20 5955MHz Ant1



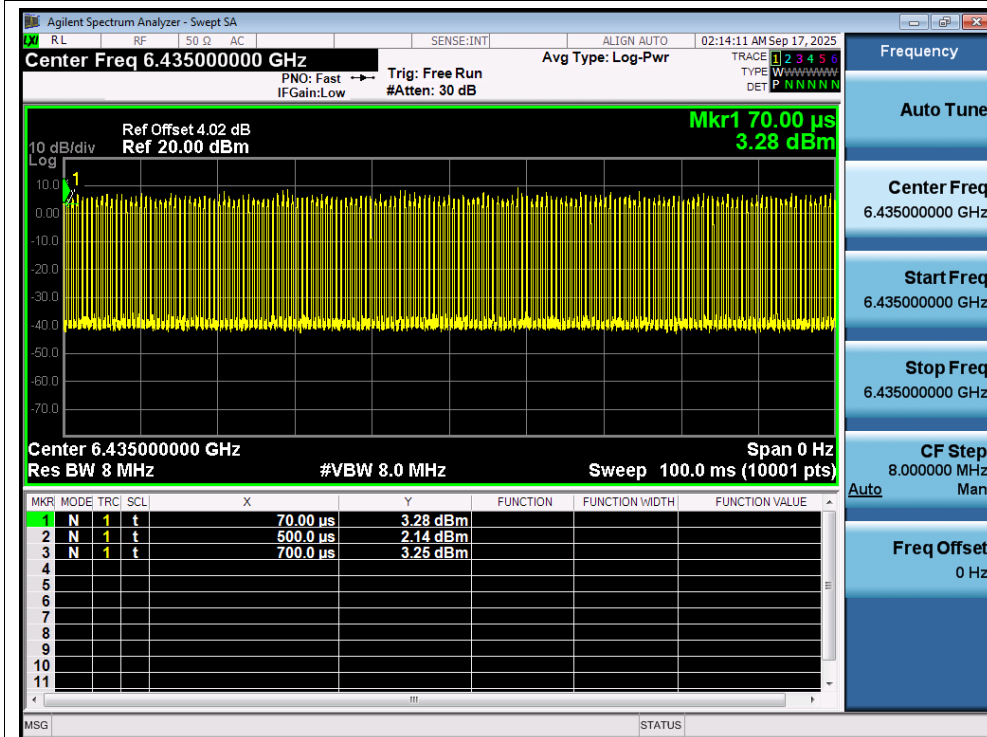
Duty Cycle NVNT ax20 6175MHz Ant1



Duty Cycle NVNT ax20 6415MHz Ant1

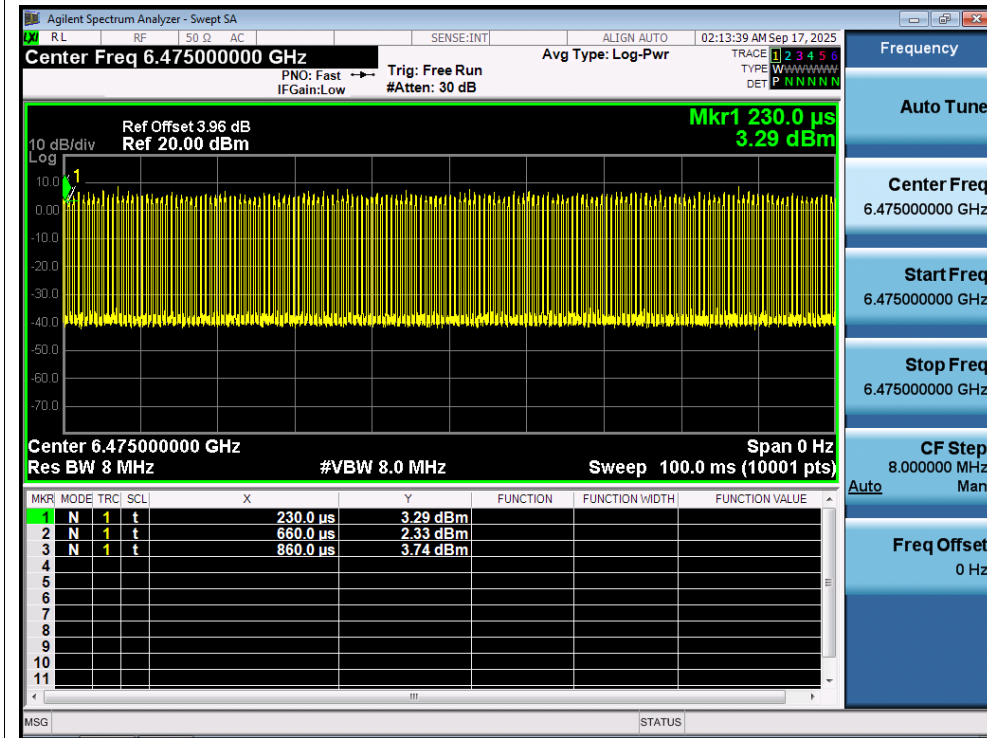


Duty Cycle NVNT ax20 6435MHz Ant1

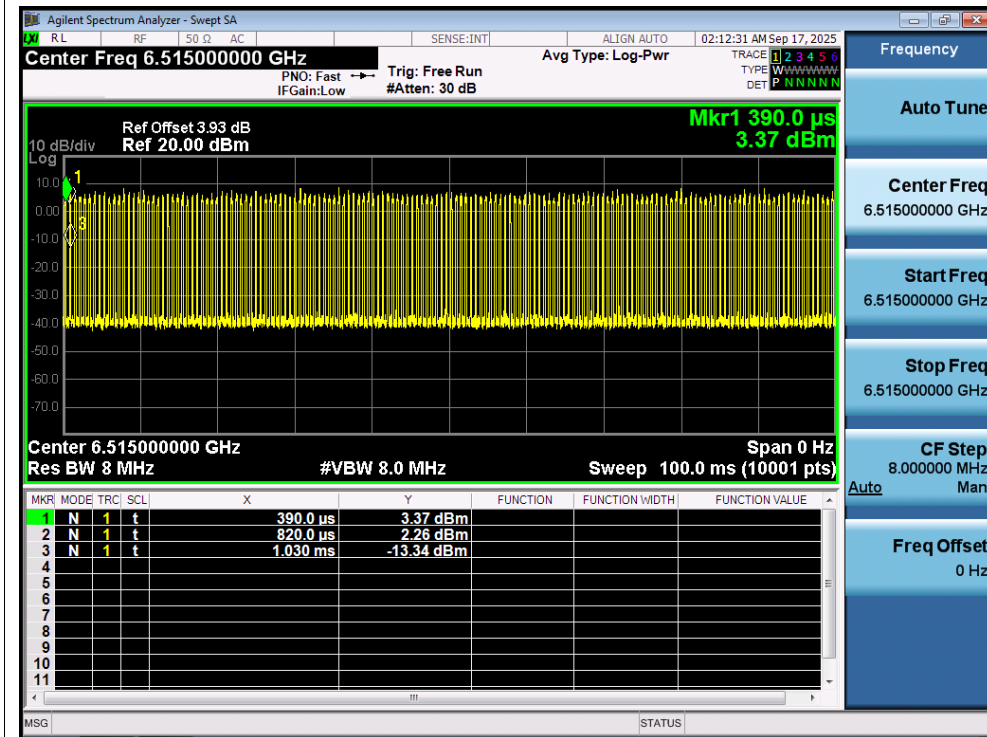




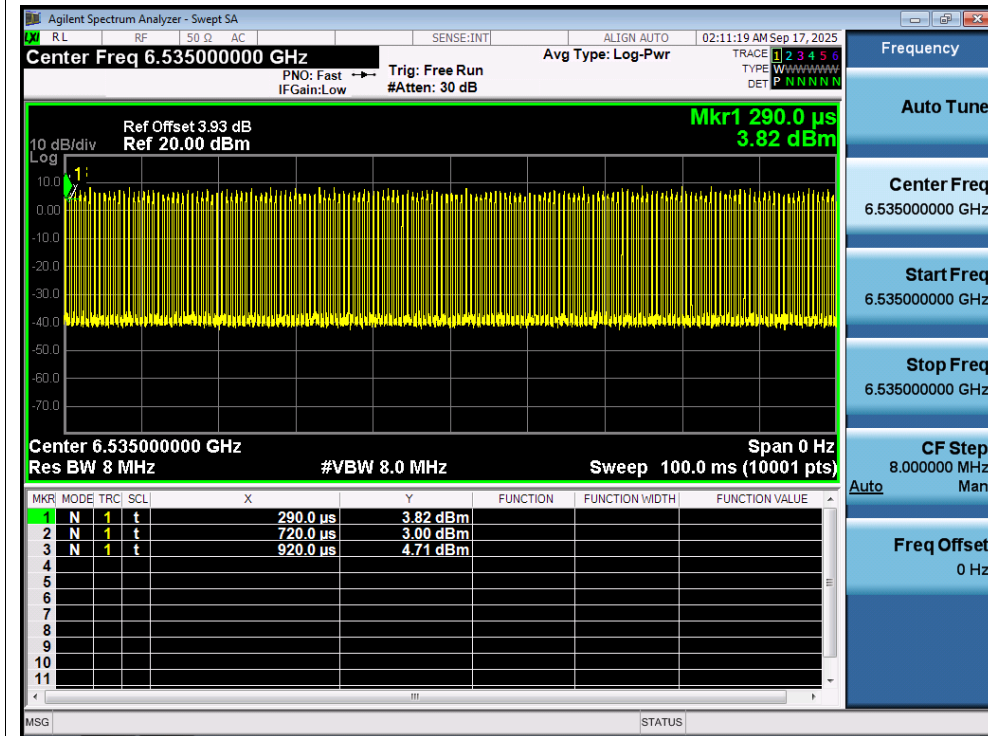
Duty Cycle NVNT ax20 6475MHz Ant1



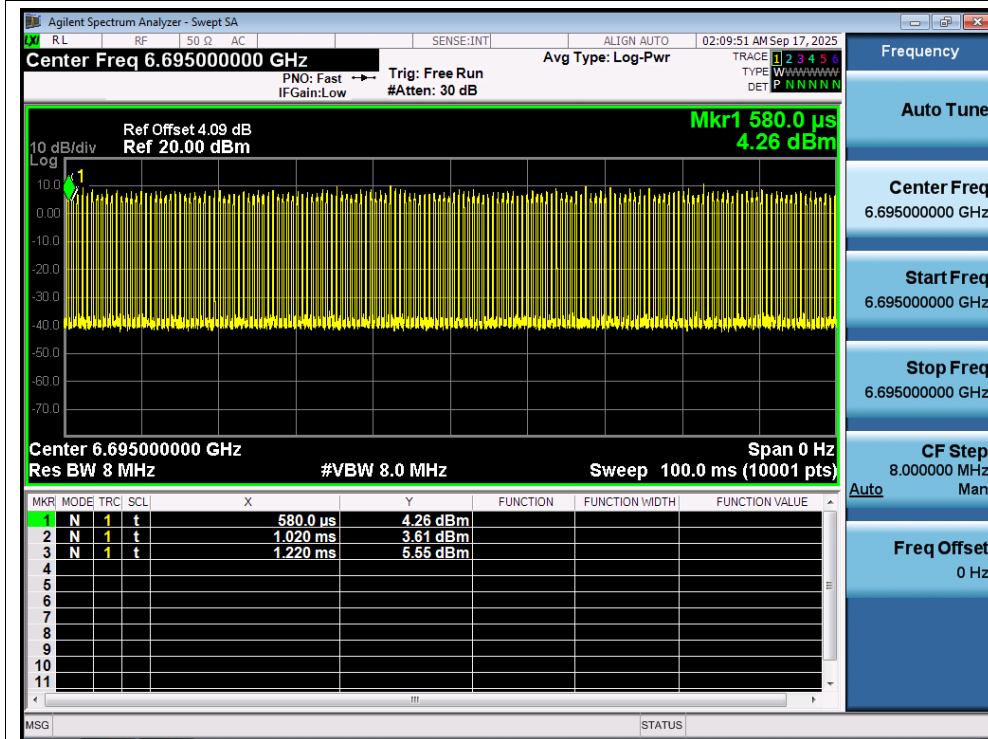
Duty Cycle NVNT ax20 6515MHz Ant1



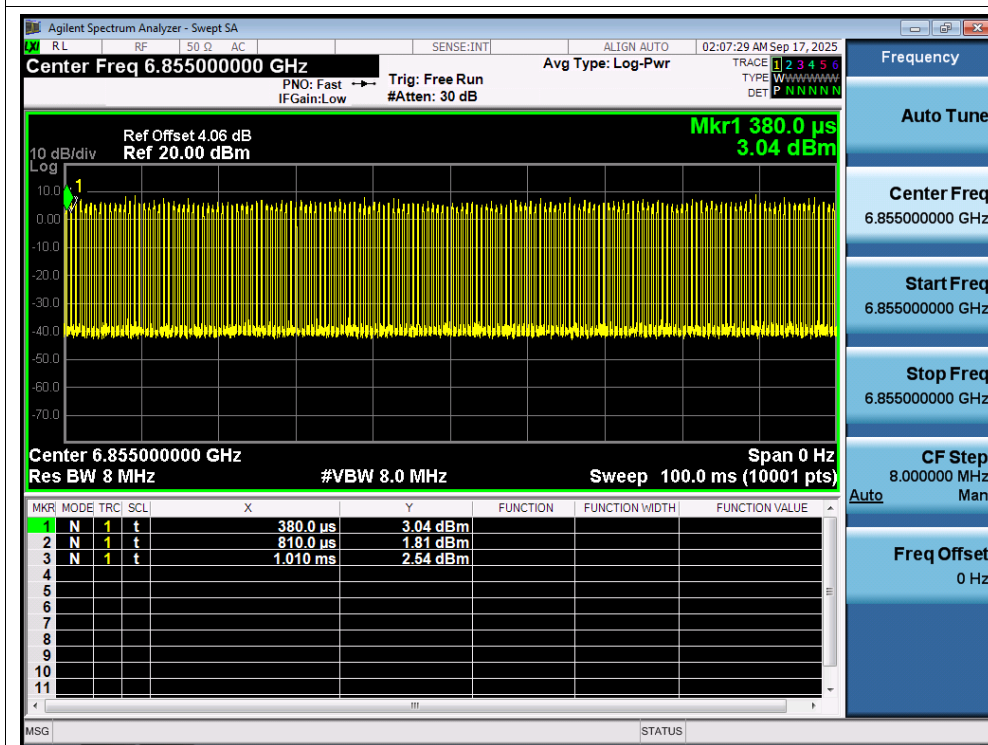
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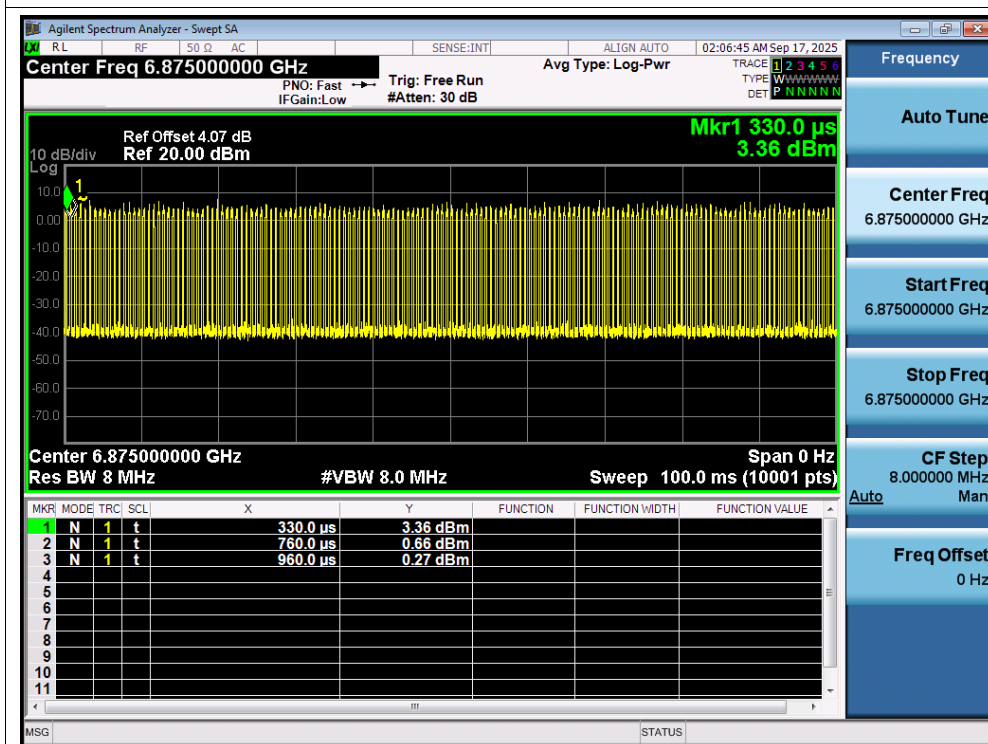
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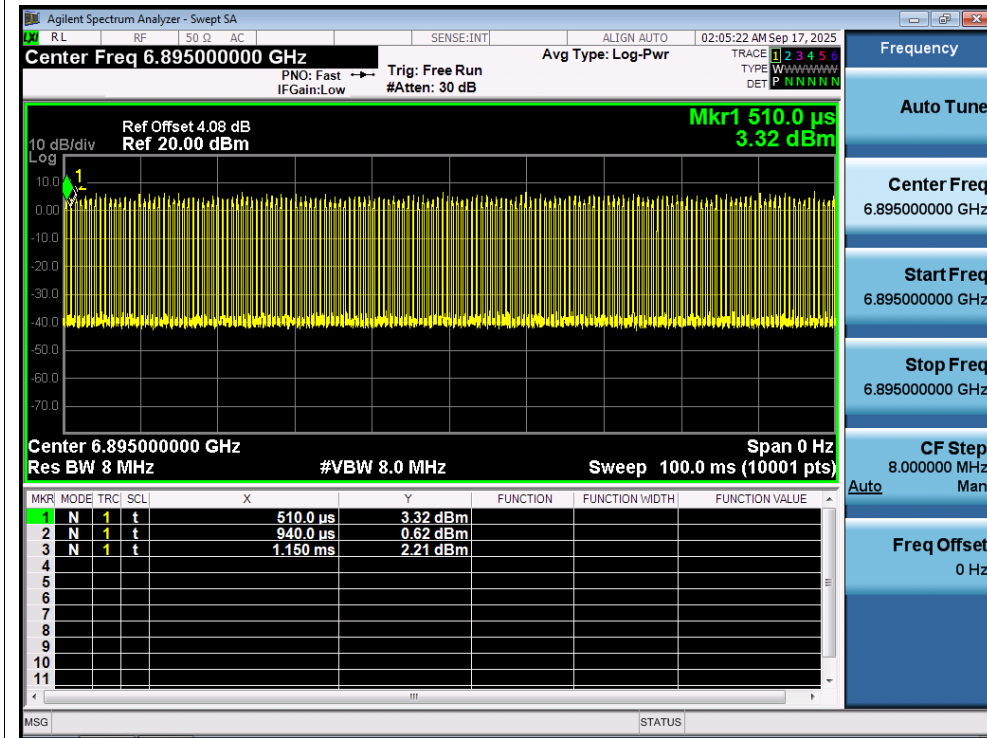


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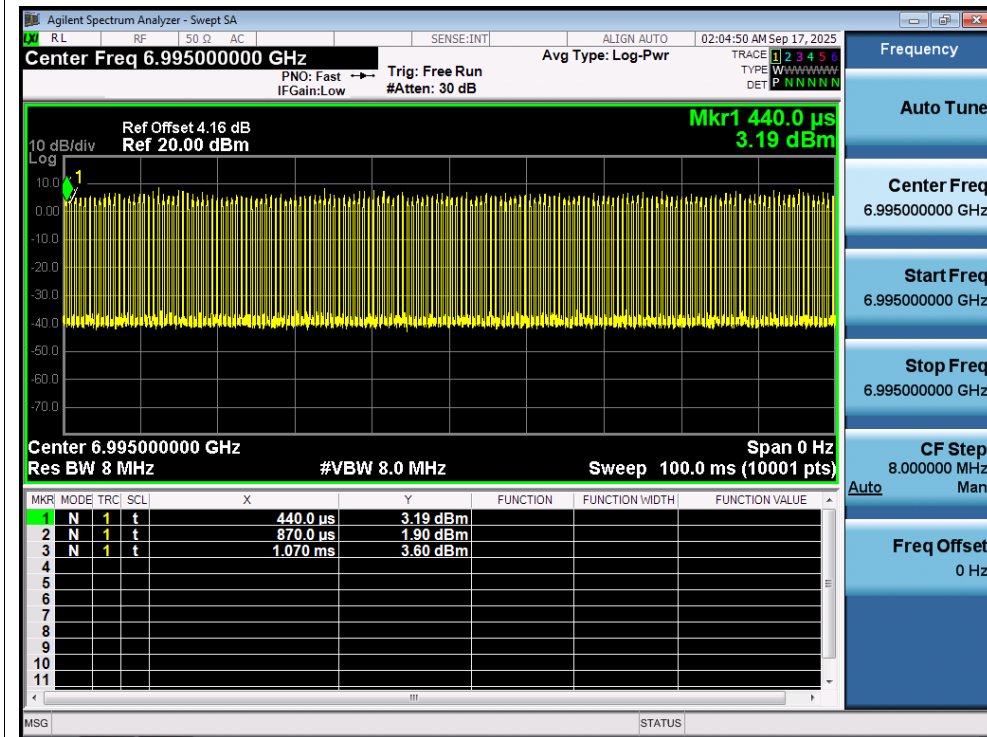




Duty Cycle NVNT ax20 6895MHz Ant1

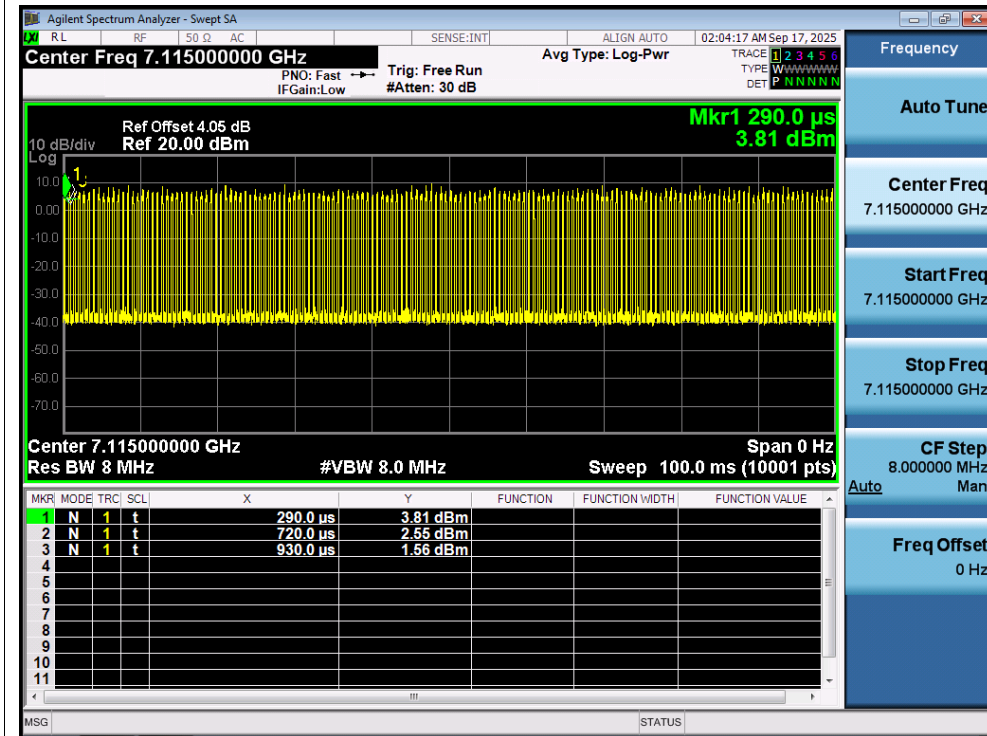


Duty Cycle NVNT ax20 6995MHz Ant1

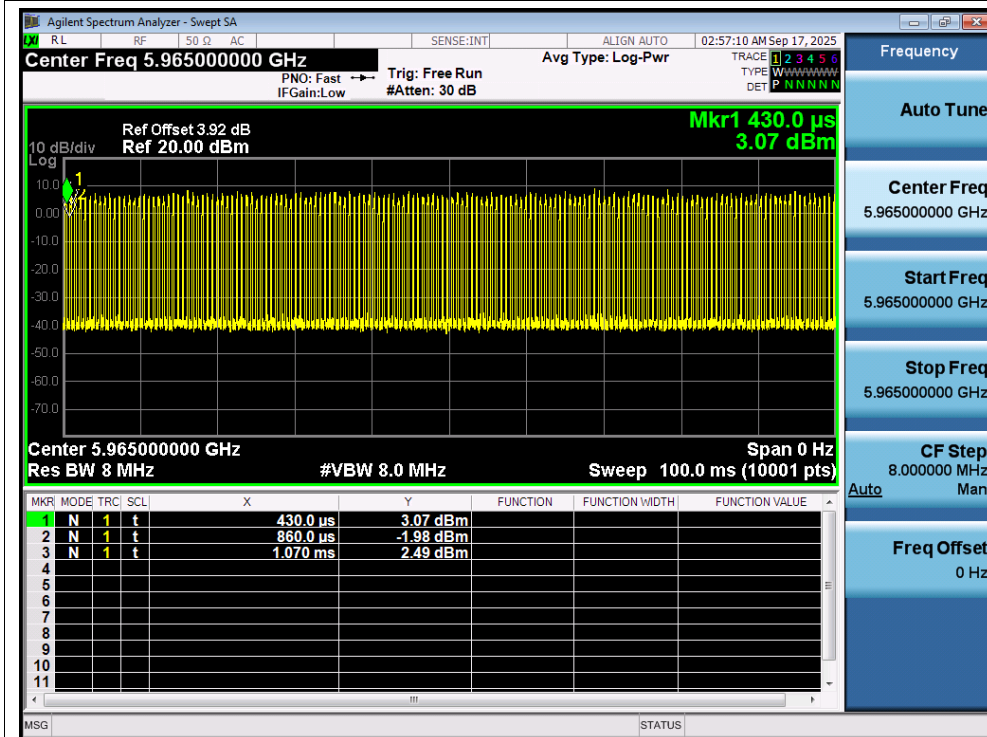




Duty Cycle NVNT ax20 7115MHz Ant1

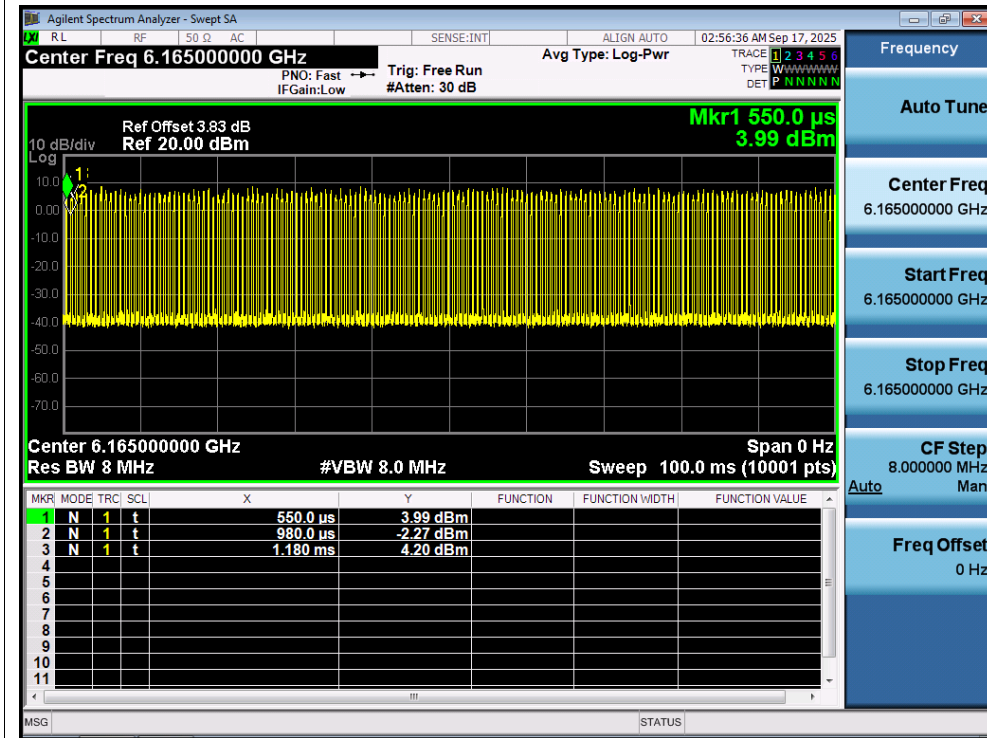


Duty Cycle NVNT ax40 5965MHz Ant1

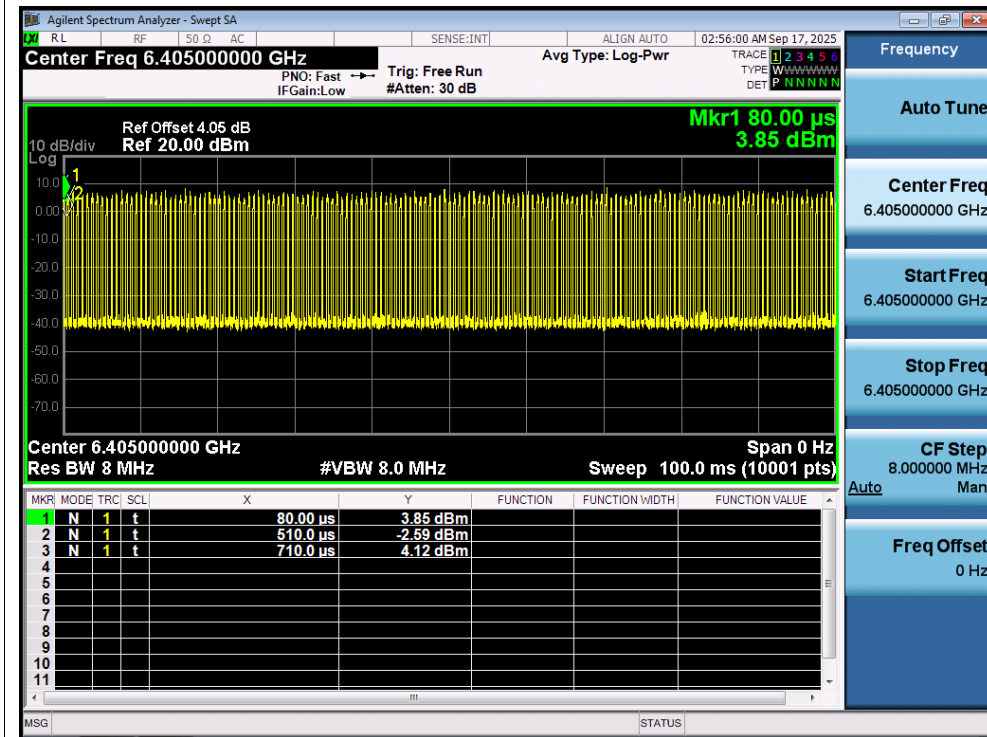




Duty Cycle NVNT ax40 6165MHz Ant1

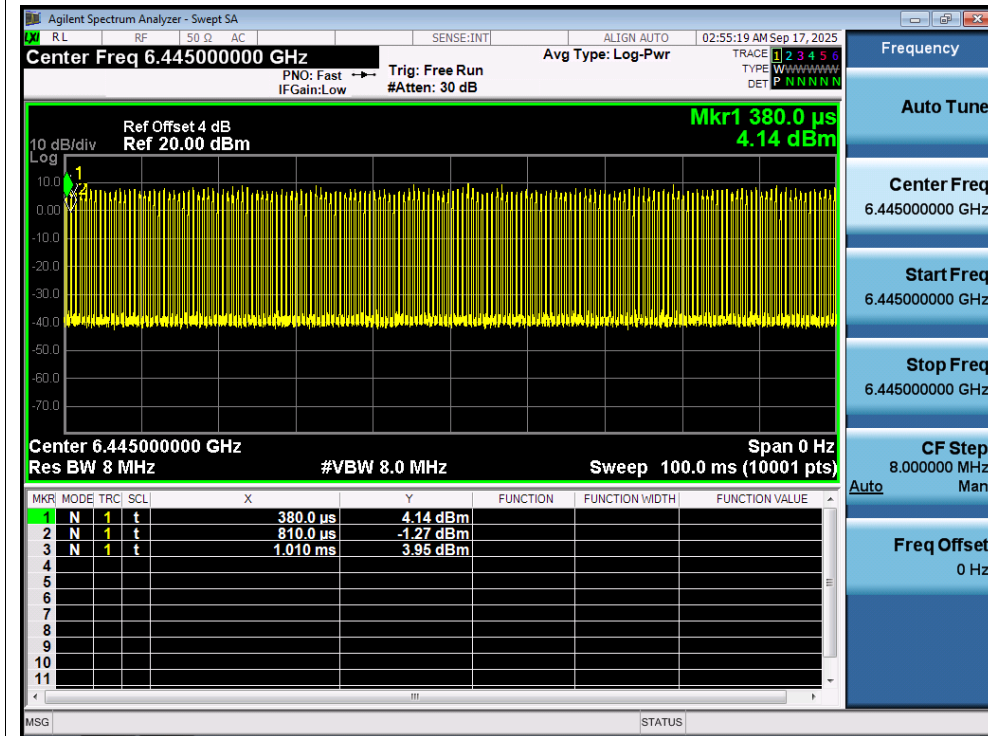


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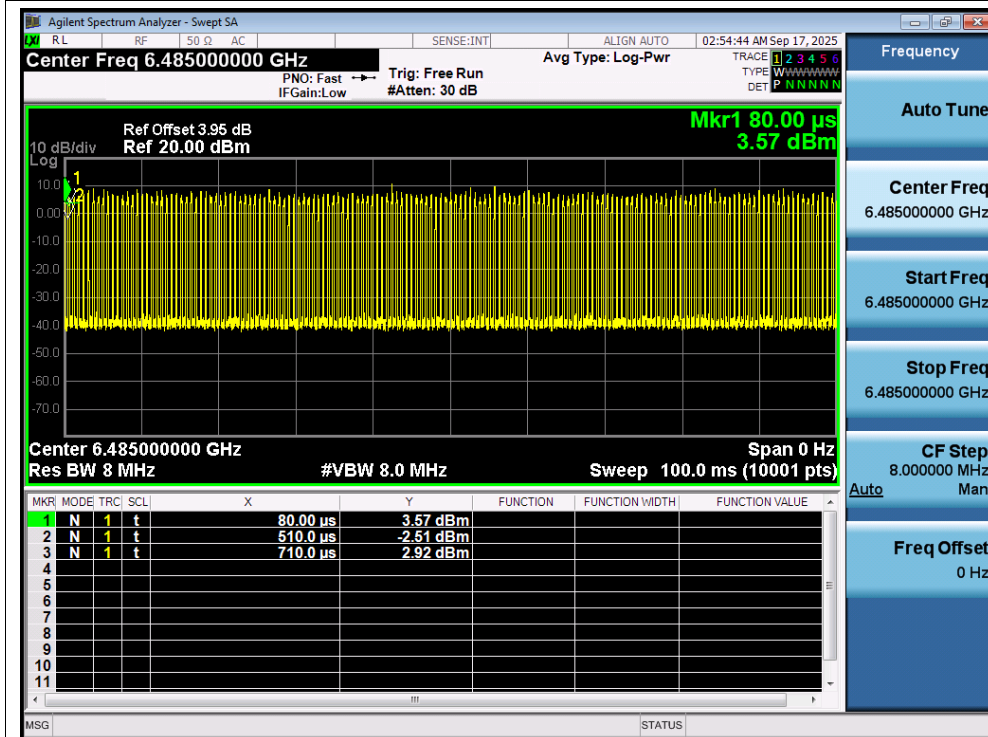




Duty Cycle NVNT ax40 6445MHz Ant1

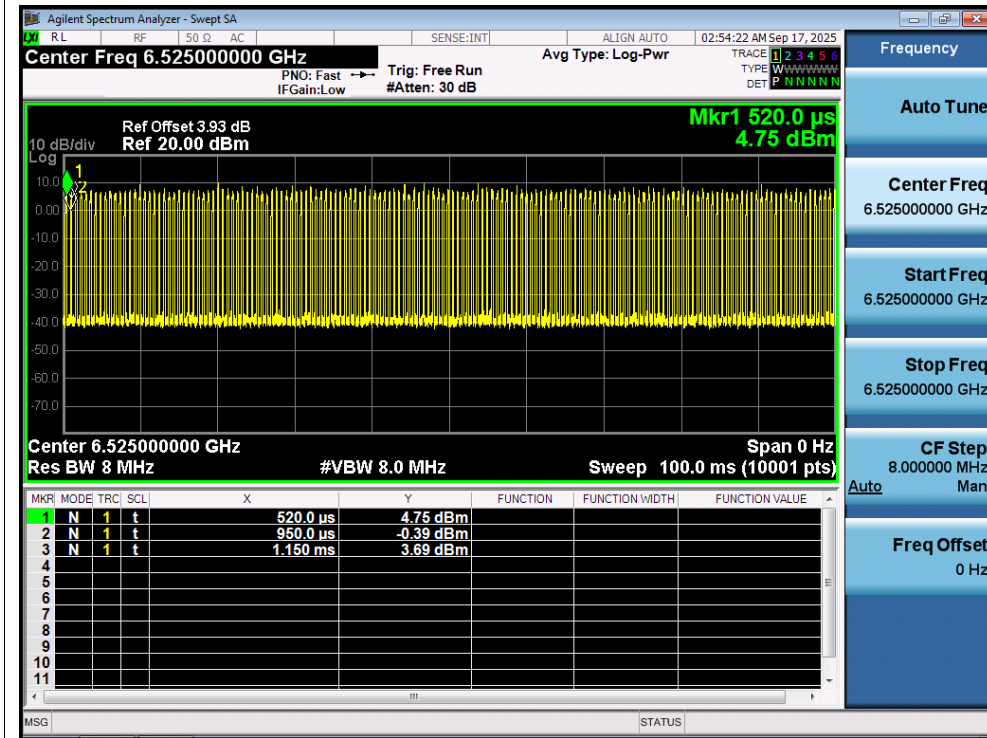


Duty Cycle NVNT ax40 6485MHz Ant1

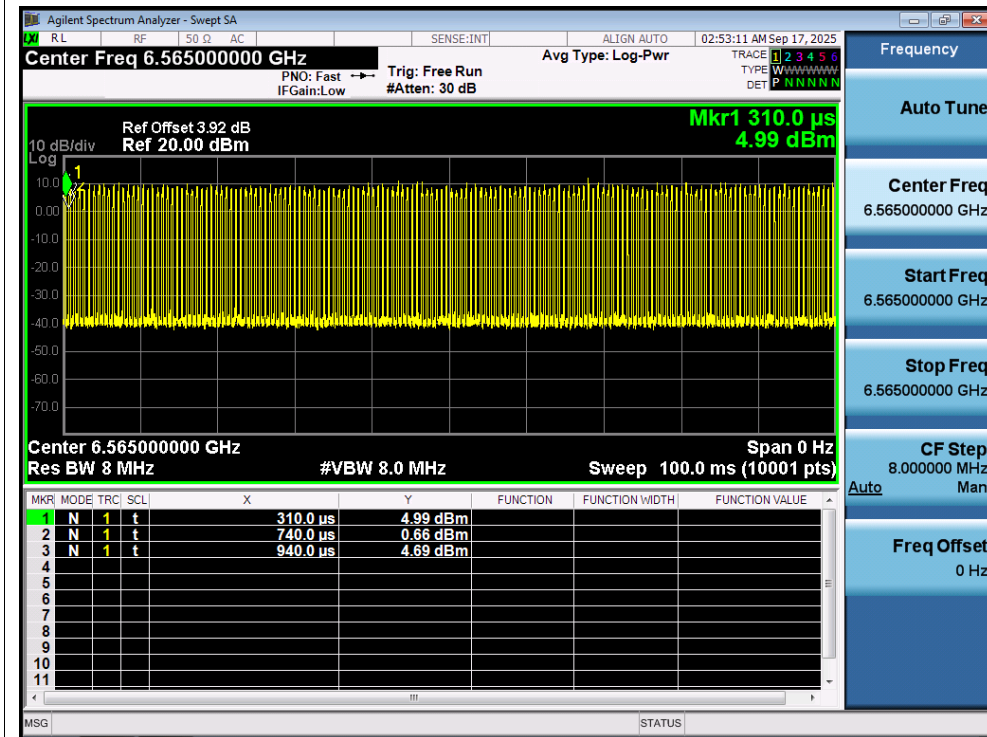




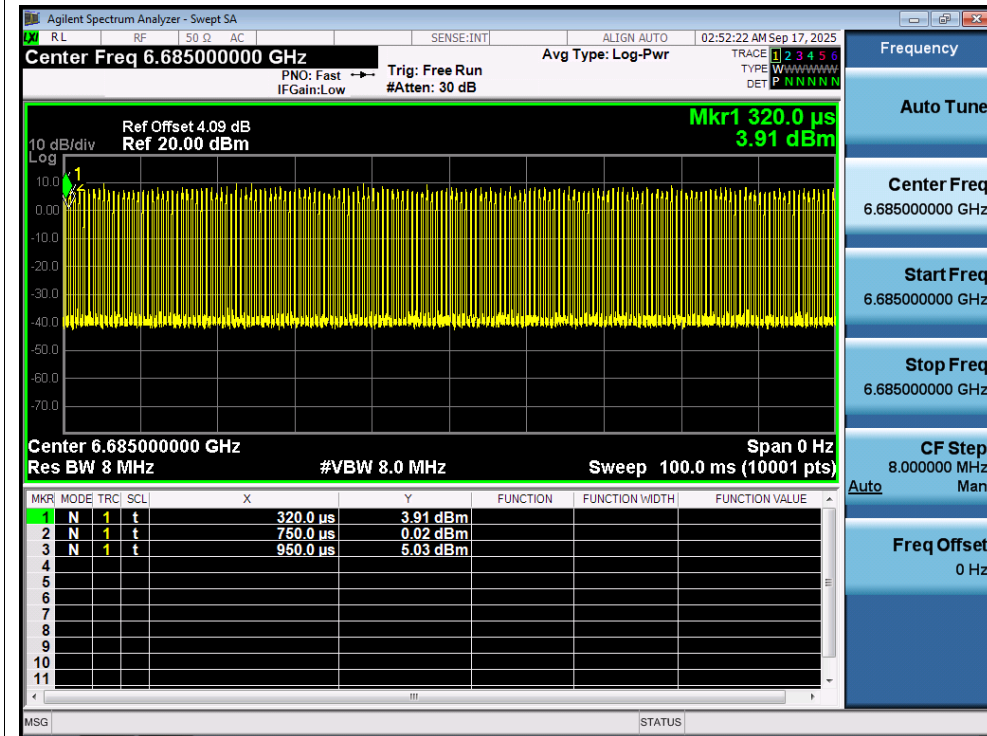
Duty Cycle NVNT ax40 6525MHz Ant1



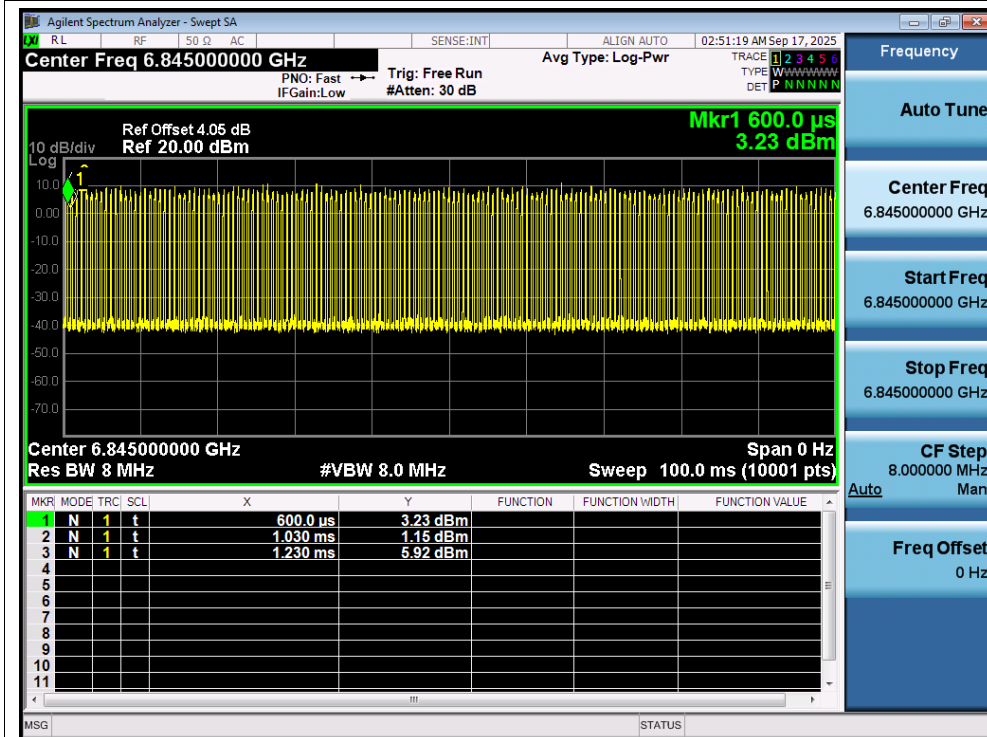
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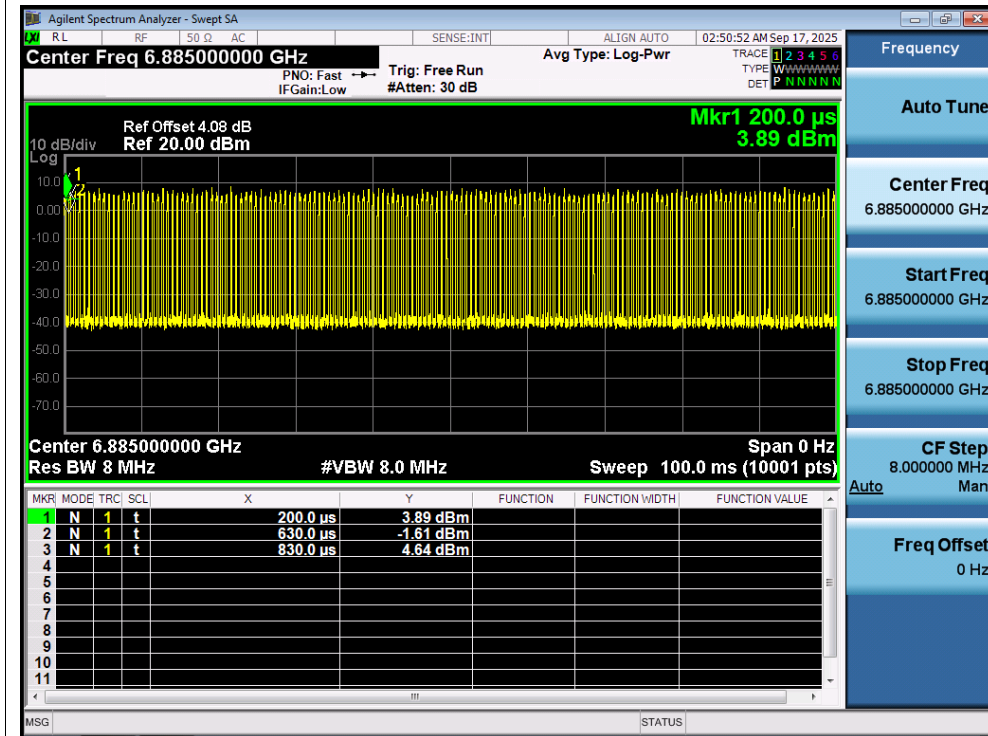
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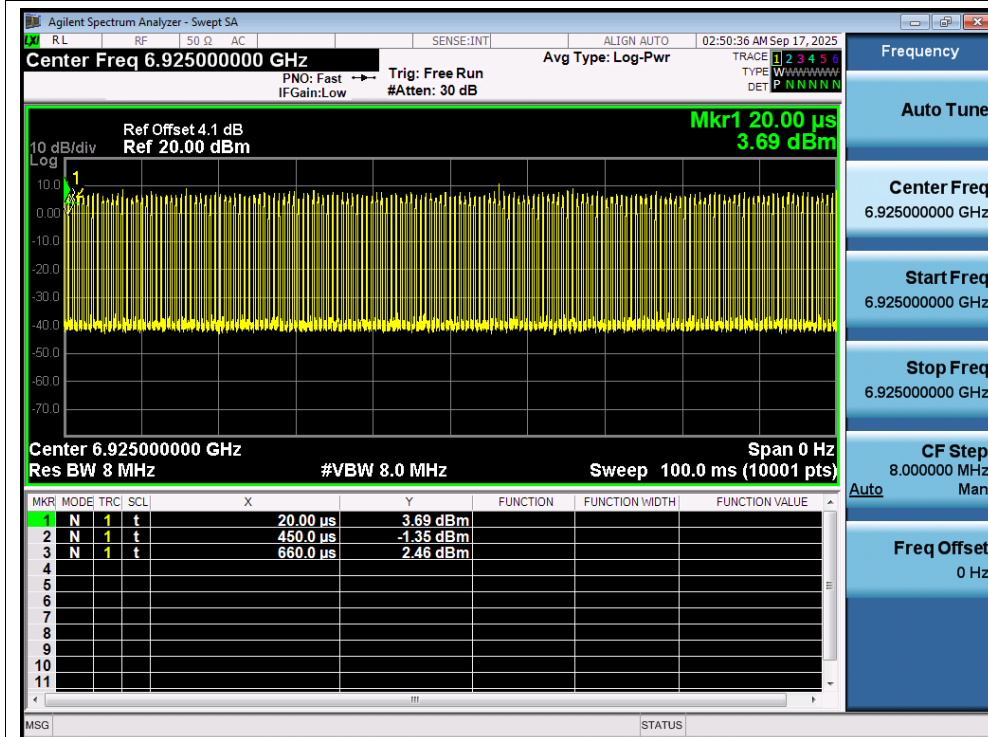
Duty Cycle NVNT ax40 6845MHz Ant1



Duty Cycle NVNT ax40 6885MHz Ant1

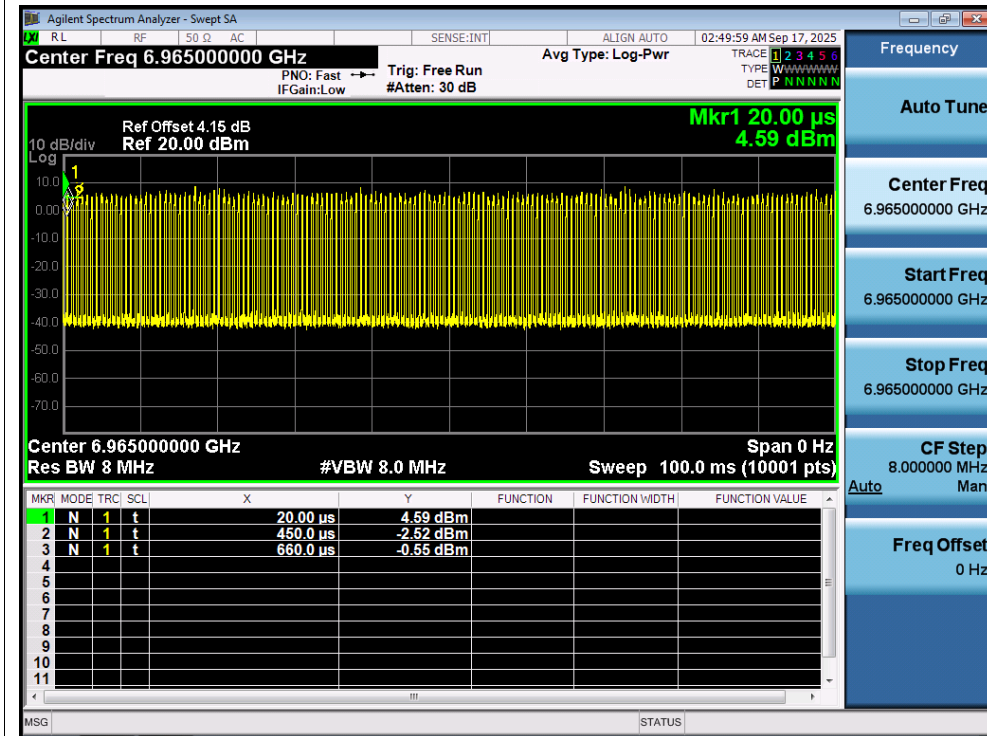


Duty Cycle NVNT ax40 6925MHz Ant1

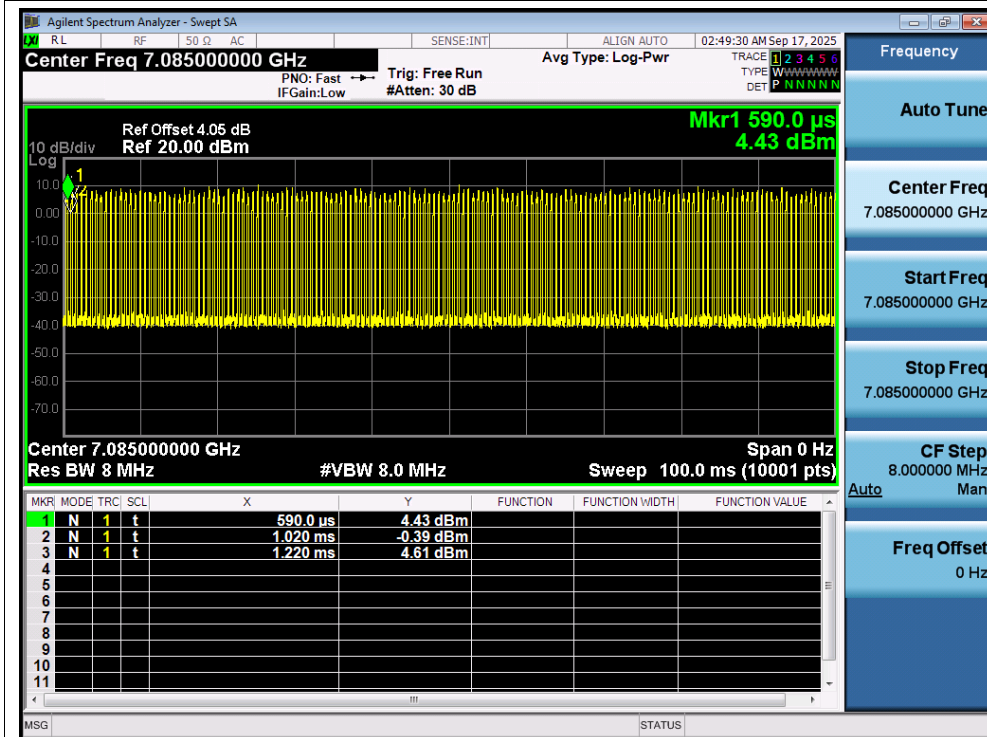




Duty Cycle NVNT ax40 6965MHz Ant1

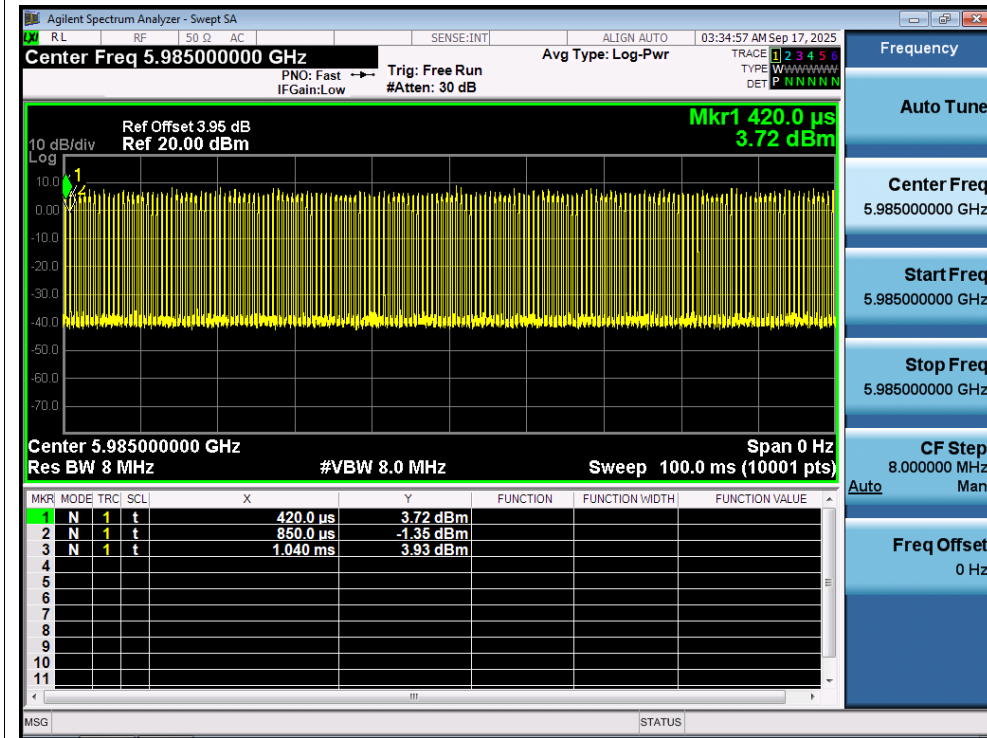


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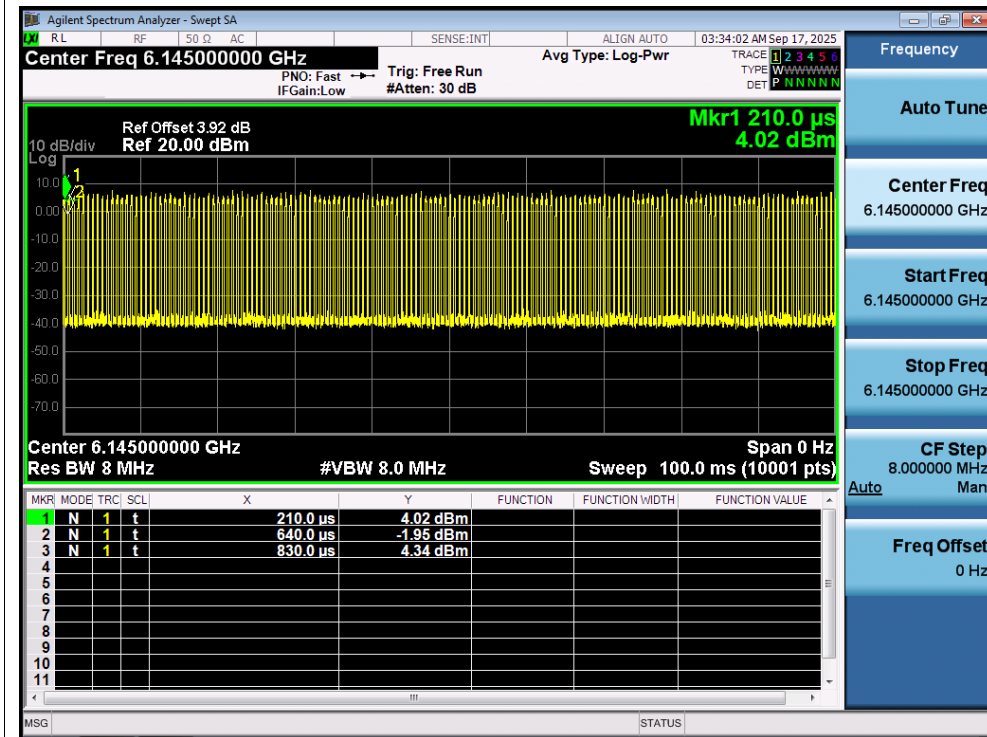




Duty Cycle NVNT ax80 5985MHz Ant1

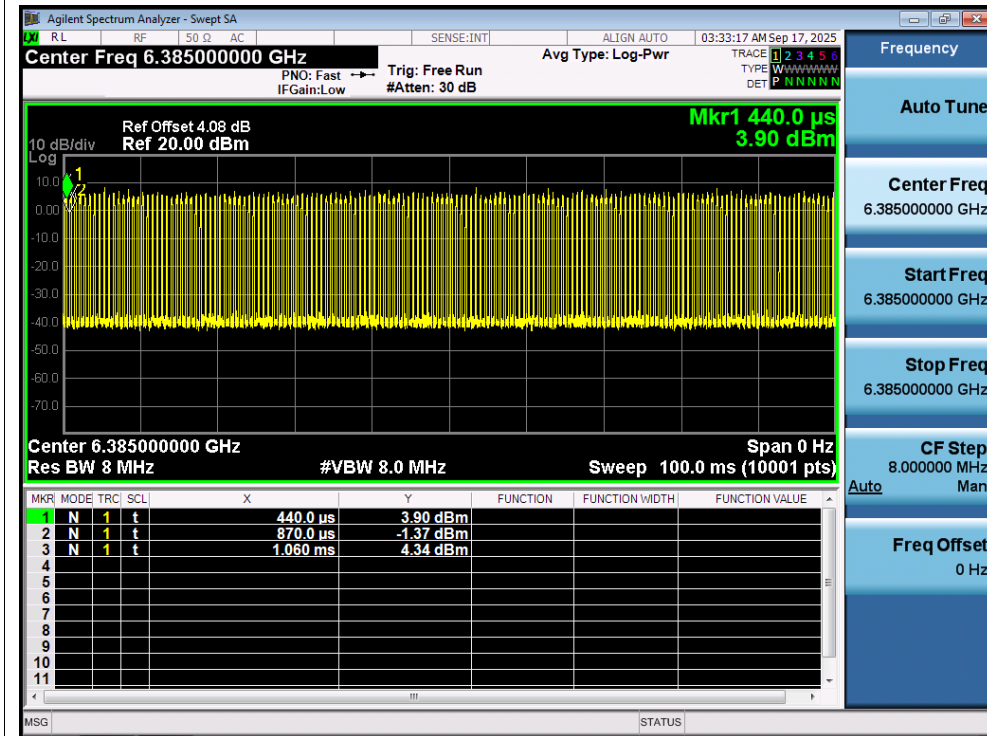


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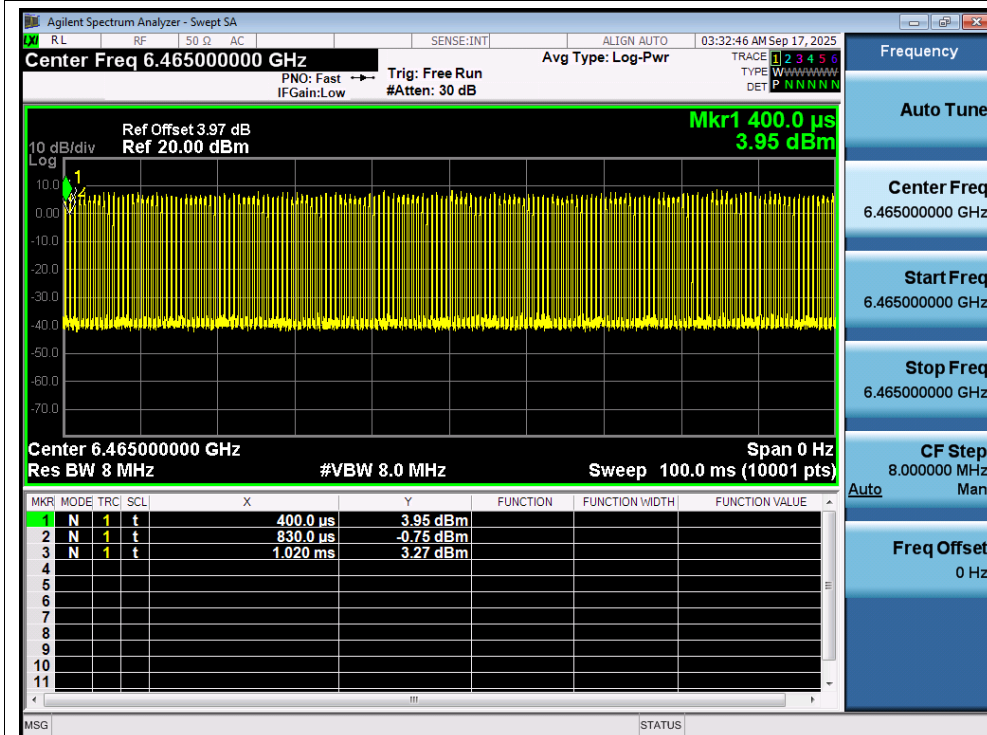




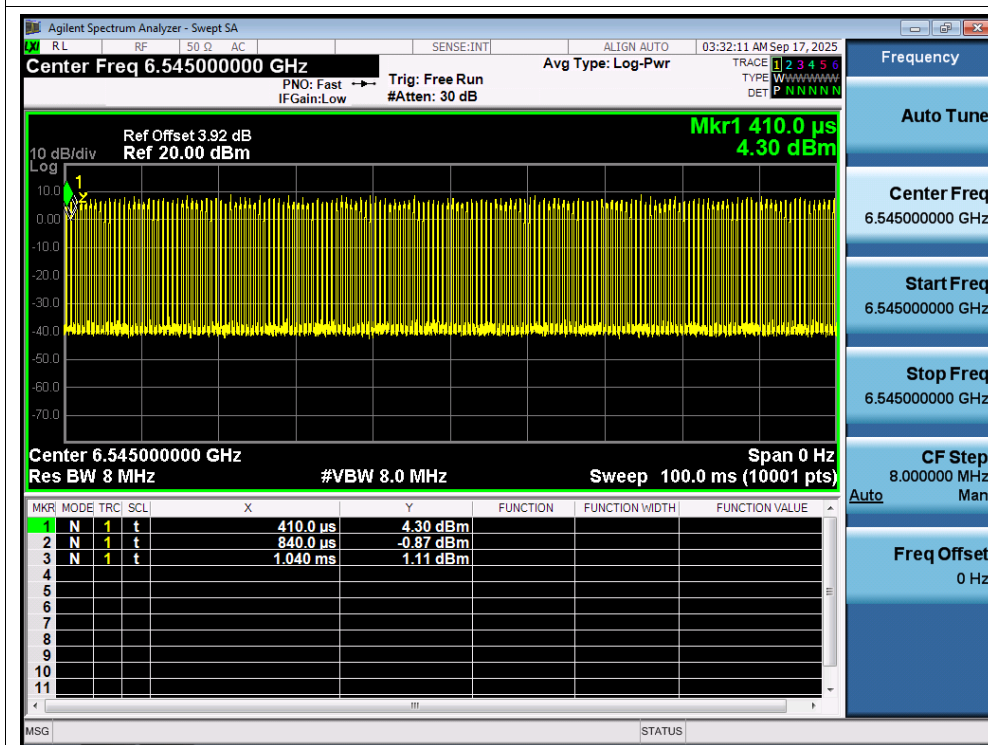
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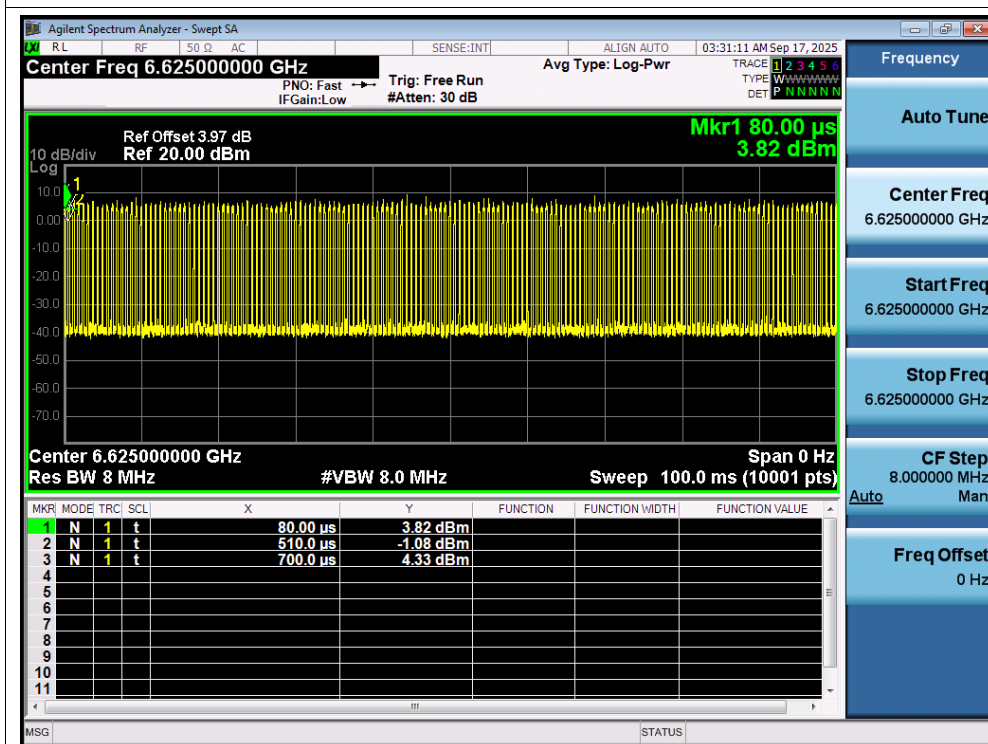
Duty Cycle NVNT ax80 6465MHz Ant1



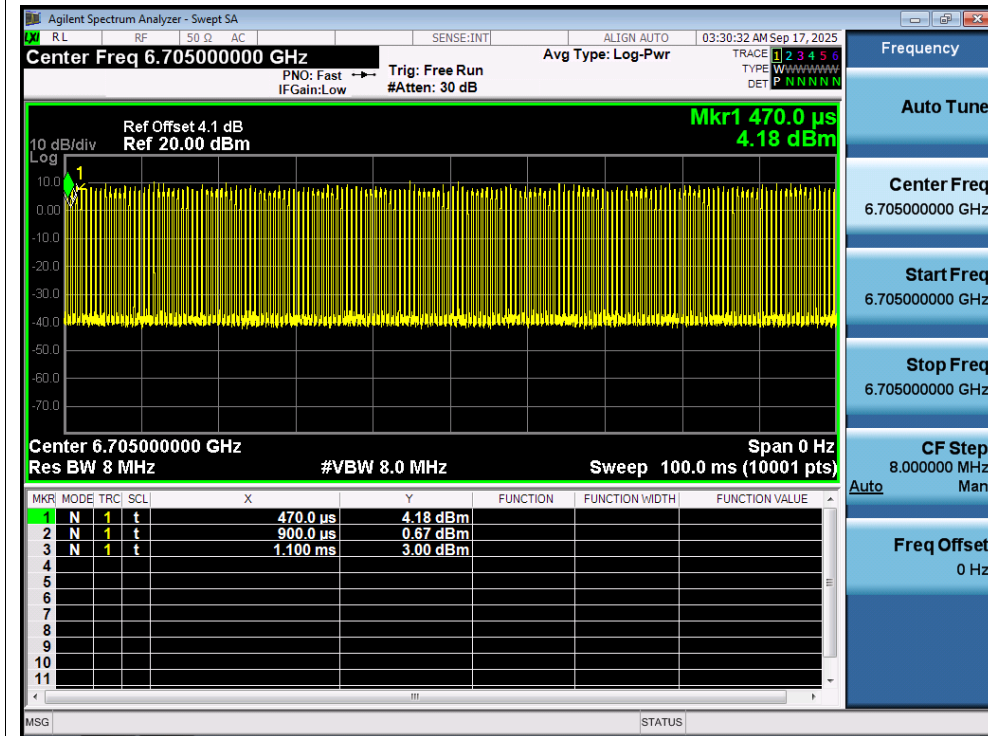
Duty Cycle NVNT ax80 6545MHz Ant1



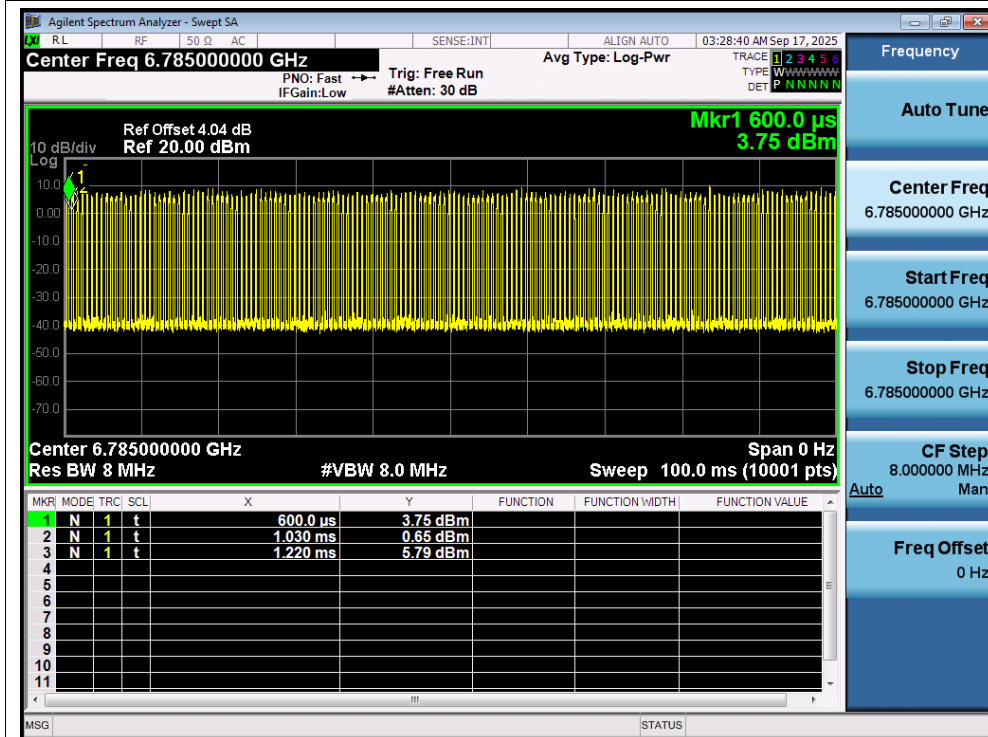
Duty Cycle NVNT ax80 6625MHz Ant1



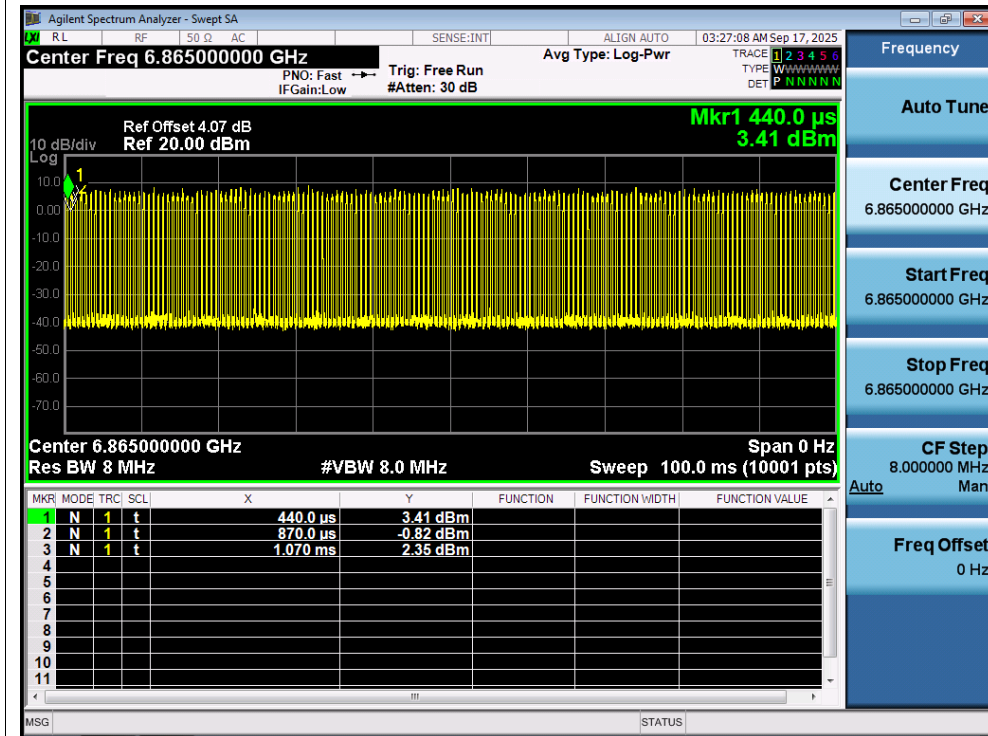
Duty Cycle NVNT ax80 6705MHz Ant1



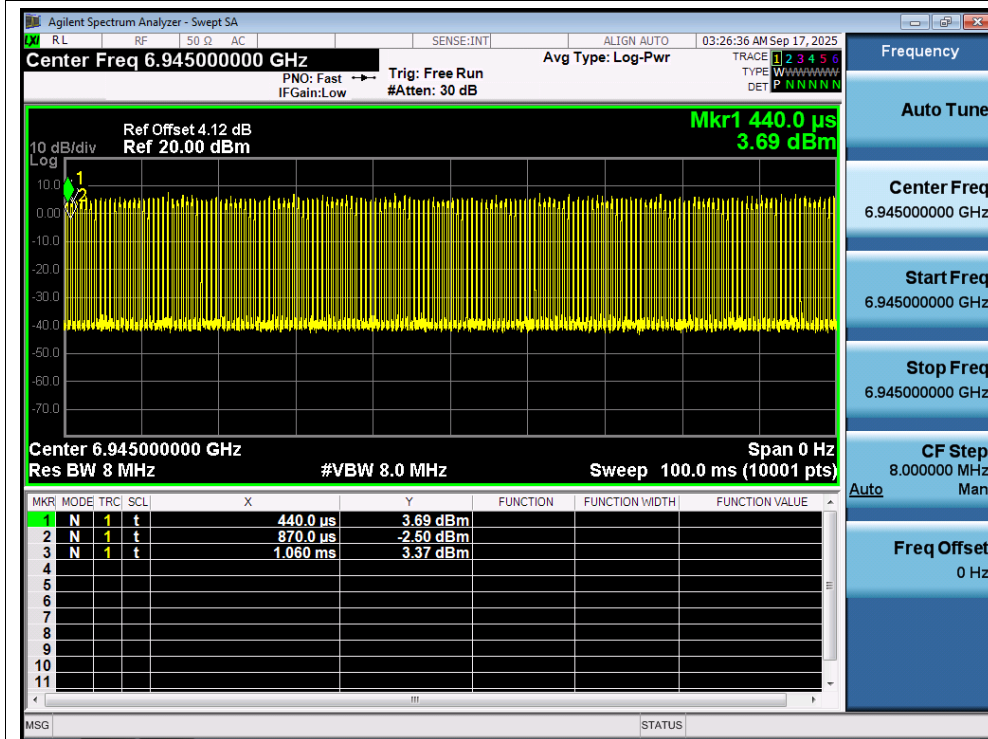
Duty Cycle NVNT ax80 6785MHz Ant1



Duty Cycle NVNT ax80 6865MHz Ant1

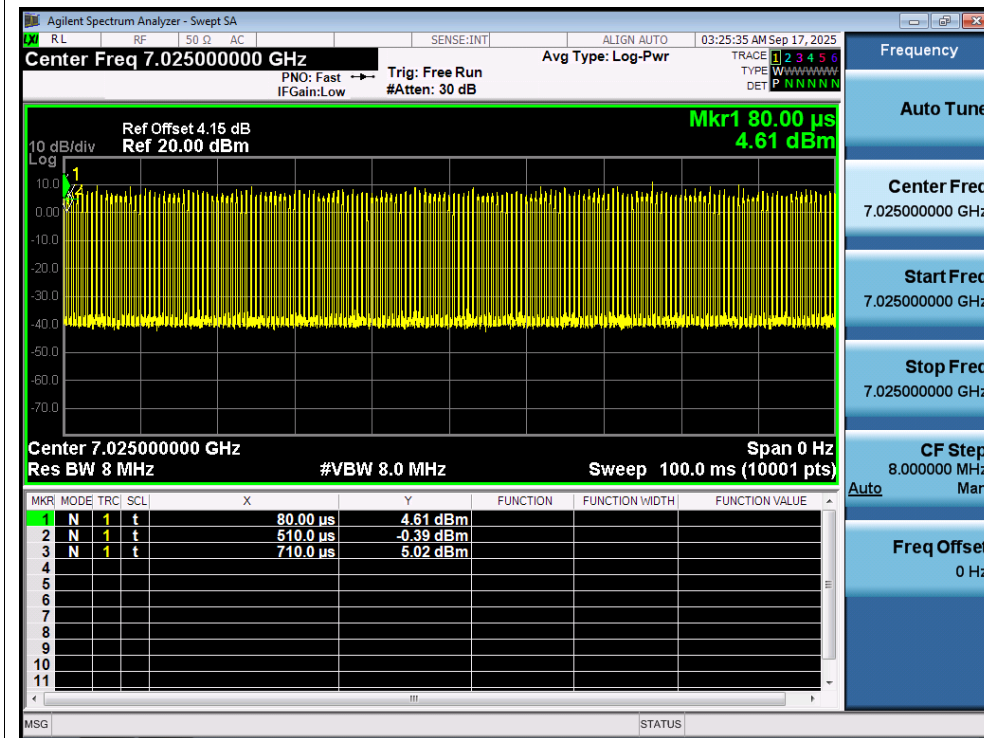


Duty Cycle NVNT ax80 6945MHz Ant1

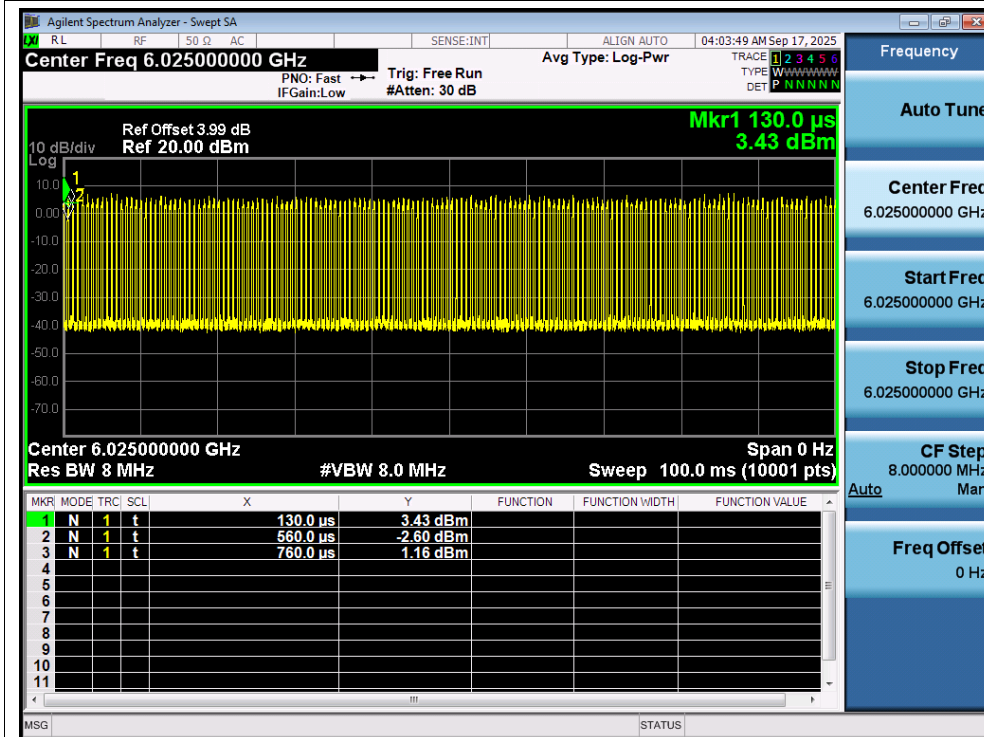




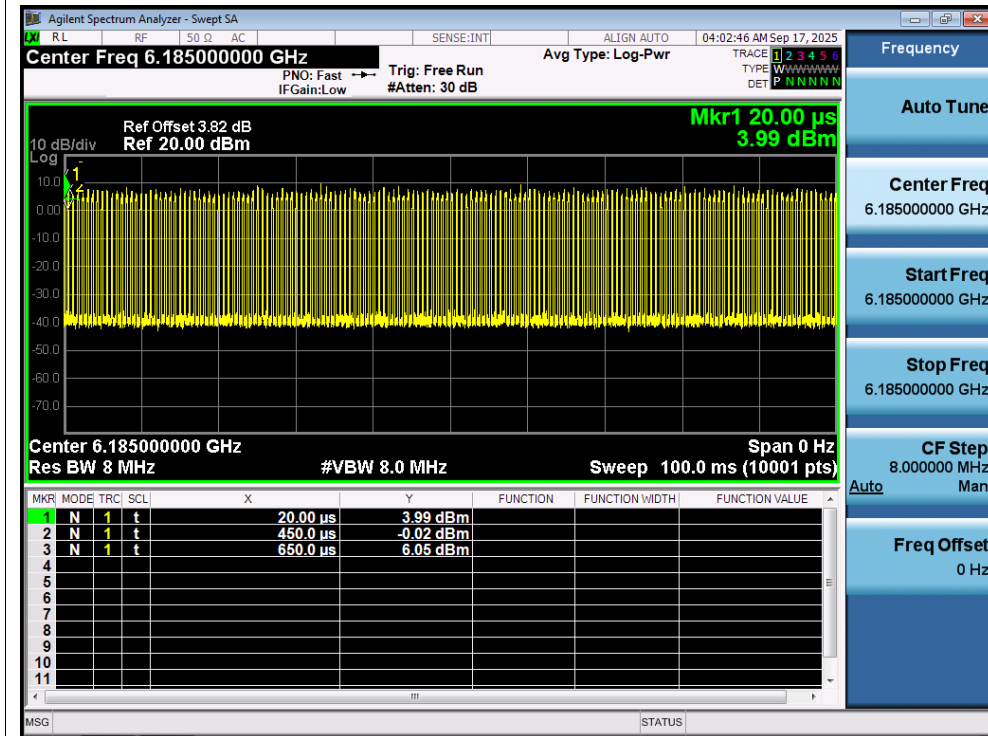
Duty Cycle NVNT ax80 7025MHz Ant1



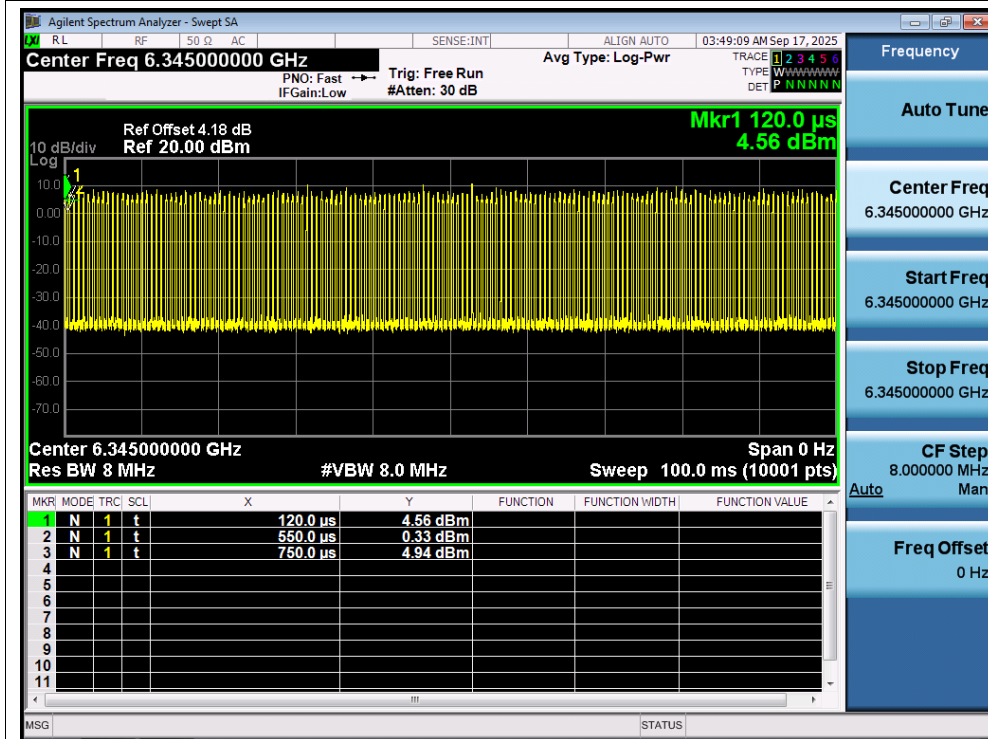
Duty Cycle NVNT ax160 6025MHz Ant1



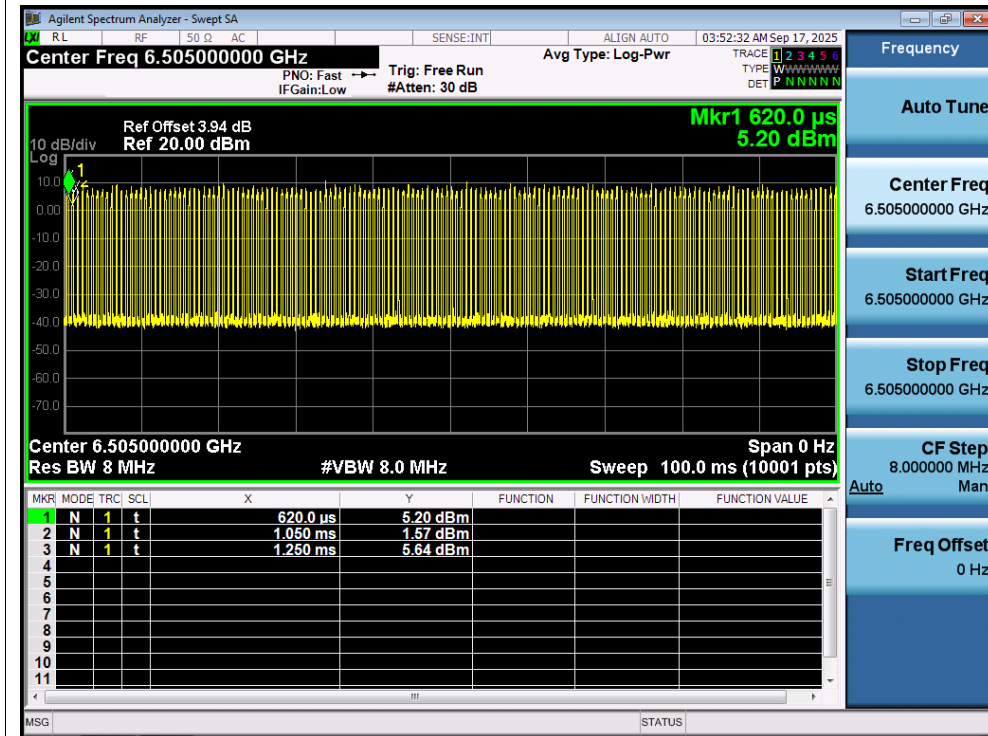
Duty Cycle NVNT ax160 6185MHz Ant1



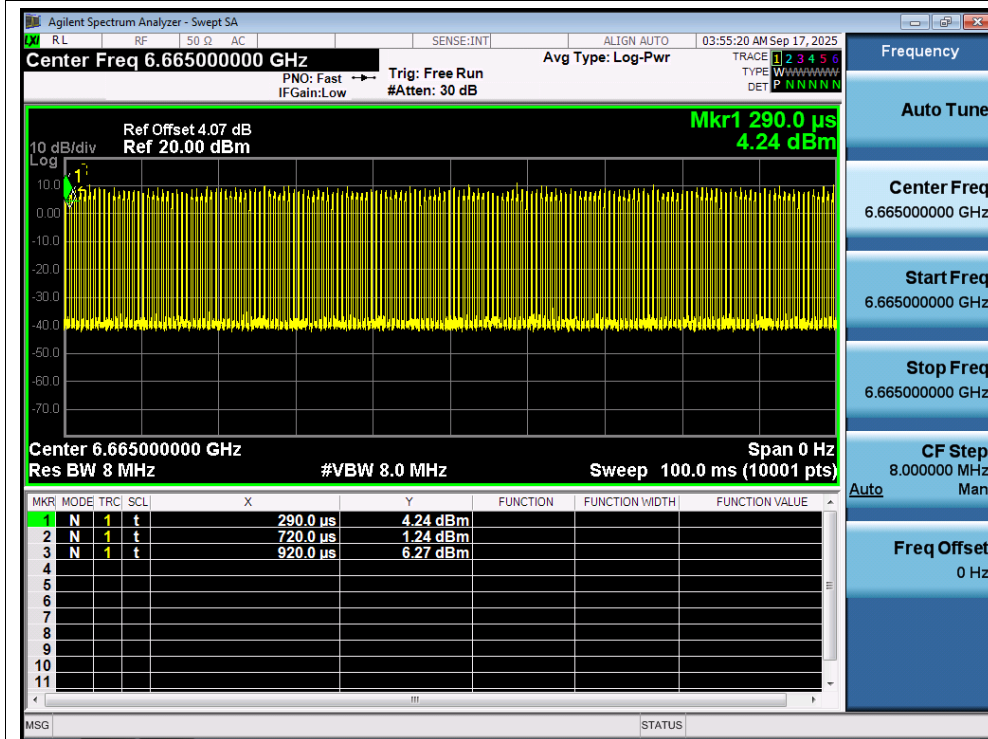
Duty Cycle NVNT ax160 6345MHz Ant1



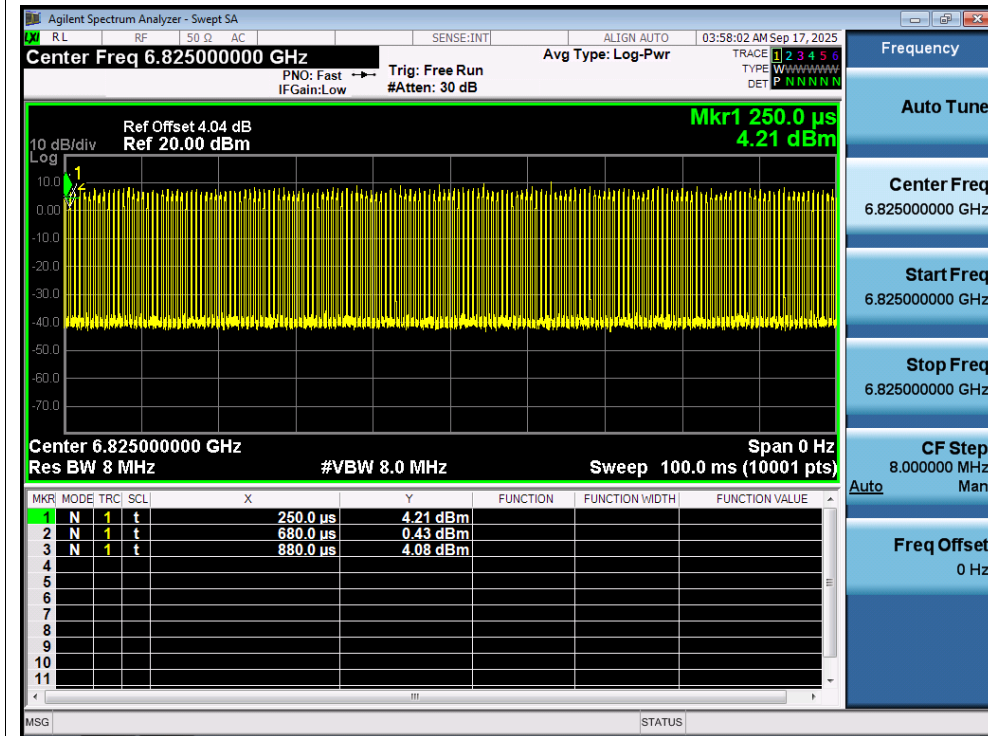
Duty Cycle NVNT ax160 6505MHz Ant1



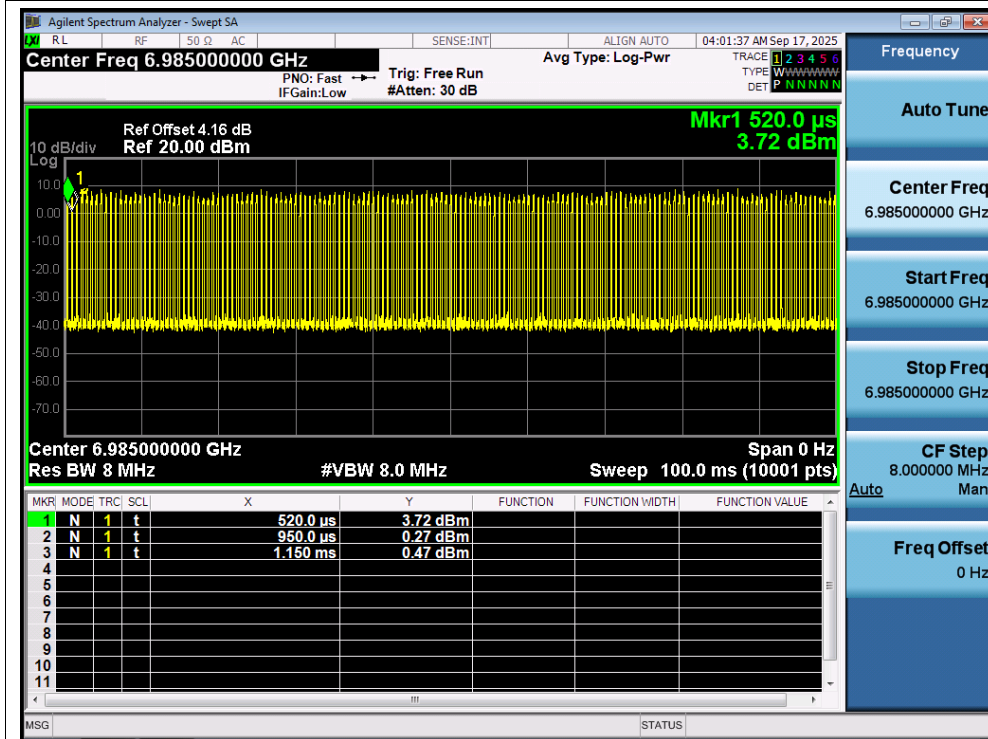
Duty Cycle NVNT ax160 6665MHz Ant1



Duty Cycle NVNT ax160 6825MHz Ant1



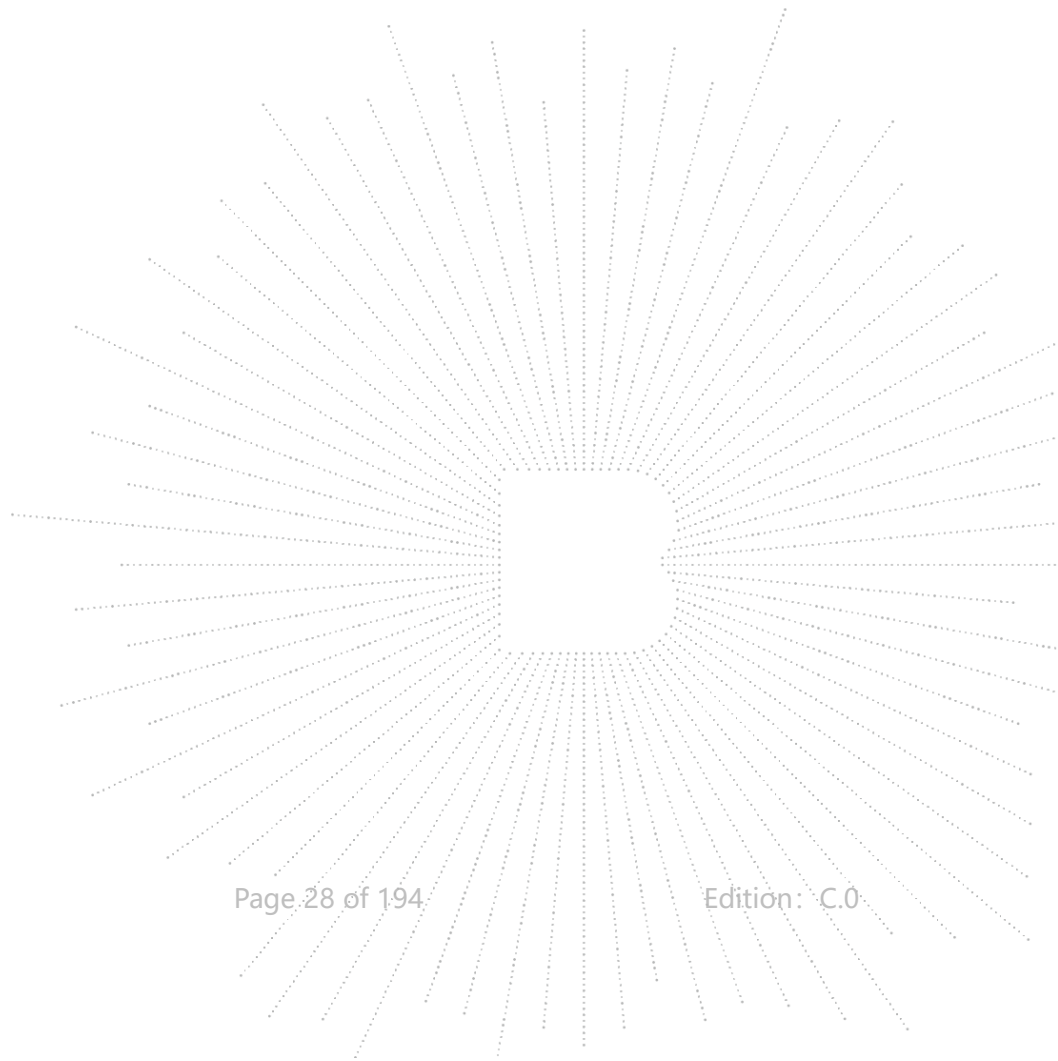
Duty Cycle NVNT ax160 6985MHz Ant1



Appendix 2. Maximum Conducted Output Power

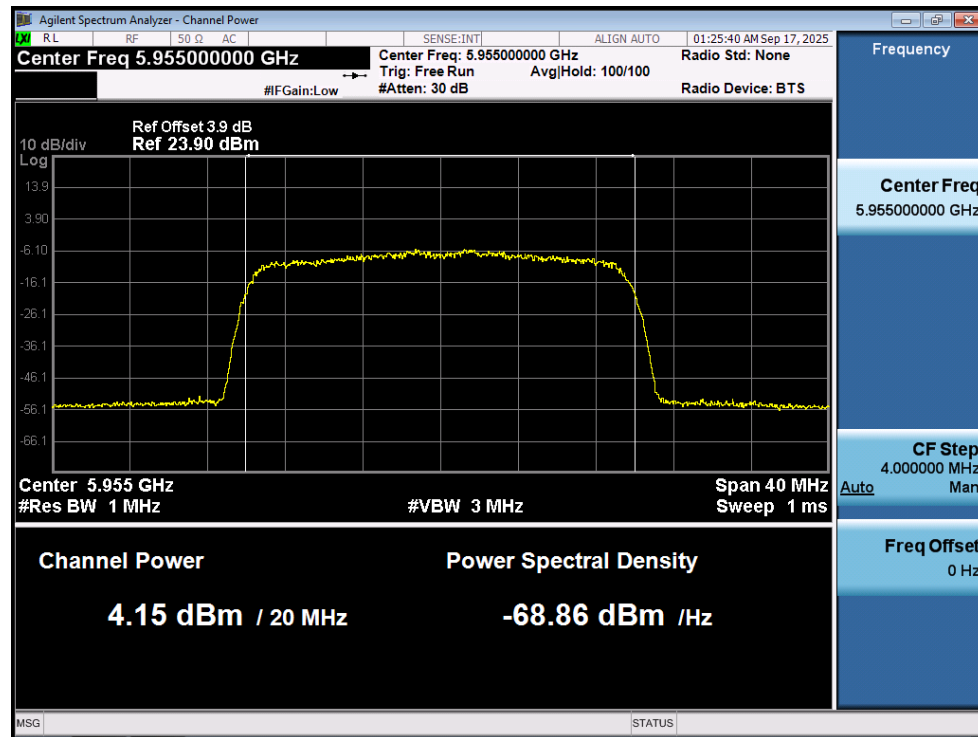
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	ax20	5955	Ant1	4.15	4.98	9.13	3.85	12.98	24	Pass
		6175		3.88	4.84	8.72	3.85	12.57	24	Pass
		6415		4.04	4.98	9.02	3.85	12.87	24	Pass
		6435		4.04	4.98	9.02	3.85	12.87	24	Pass
		6475		3.9	4.98	8.88	3.85	12.73	24	Pass
		6515		3.96	4.84	8.8	3.85	12.65	24	Pass
		6535		4.38	4.98	9.36	3.85	13.21	24	Pass
		6695		4.4	5.05	9.45	3.85	13.3	24	Pass
		6855		3.52	4.98	8.5	3.85	12.35	24	Pass
		6875		4.36	4.98	9.34	3.85	13.19	24	Pass
		6895		4.26	4.84	9.1	3.85	12.95	24	Pass
		6995		3.45	4.98	8.43	3.85	12.28	24	Pass
		7115		3.91	4.84	8.75	3.85	12.6	24	Pass
	ax40	5965		4.08	4.84	8.92	3.85	12.77	24	Pass
		6165		4.15	4.98	9.13	3.85	12.98	24	Pass
		6405		3.97	4.98	8.95	3.85	12.8	24	Pass
		6445		5.14	4.98	10.12	3.85	13.97	24	Pass
		6485		4.72	4.98	9.7	3.85	13.55	24	Pass
		6525		5.17	4.98	10.15	3.85	14	24	Pass
		6565		5.38	4.98	10.36	3.85	14.21	24	Pass
		6685		4.75	4.98	9.73	3.85	13.58	24	Pass
		6845		4.13	4.98	9.11	3.85	12.96	24	Pass
		6885		4.61	4.98	9.59	3.85	13.44	24	Pass
		6925		4.35	4.84	9.19	3.85	13.04	24	Pass
		6965		4.74	4.84	9.58	3.85	13.43	24	Pass
		7085		4.87	4.98	9.85	3.85	13.7	24	Pass
	ax80	5985		4.06	5.14	9.2	3.85	13.05	24	Pass
		6145		4.26	5.14	9.4	3.85	13.25	24	Pass
		6385		4.96	5.14	10.1	3.85	13.95	24	Pass
		6465		4.42	5.14	9.56	3.85	13.41	24	Pass
		6545		4.82	4.98	9.8	3.85	13.65	24	Pass
		6625		5.24	5.14	10.38	3.85	14.23	24	Pass
		6705		5.09	4.98	10.07	3.85	13.92	24	Pass
		6785		4.4	5.14	9.54	3.85	13.39	24	Pass
		6865		4.33	4.98	9.31	3.85	13.16	24	Pass
		6945		5.36	5.14	10.5	3.85	14.35	24	Pass

		7025		5.23	4.98	10.21	3.85	14.06	24	Pass
	ax160	6025		4.63	4.98	9.61	3.85	13.46	24	Pass
		6185		4.42	4.98	9.4	3.85	13.25	24	Pass
		6345		5.2	4.98	10.18	3.85	14.03	24	Pass
		6505		6.07	4.98	11.05	3.85	14.9	24	Pass
		6665		5.95	4.98	10.93	3.85	14.78	24	Pass
		6825		5.44	4.98	10.42	3.85	14.27	24	Pass
		6985		4.95	4.98	9.93	3.85	13.78	24	Pass



Test Graphs

Power NVNT ax20 5955MHz Ant1

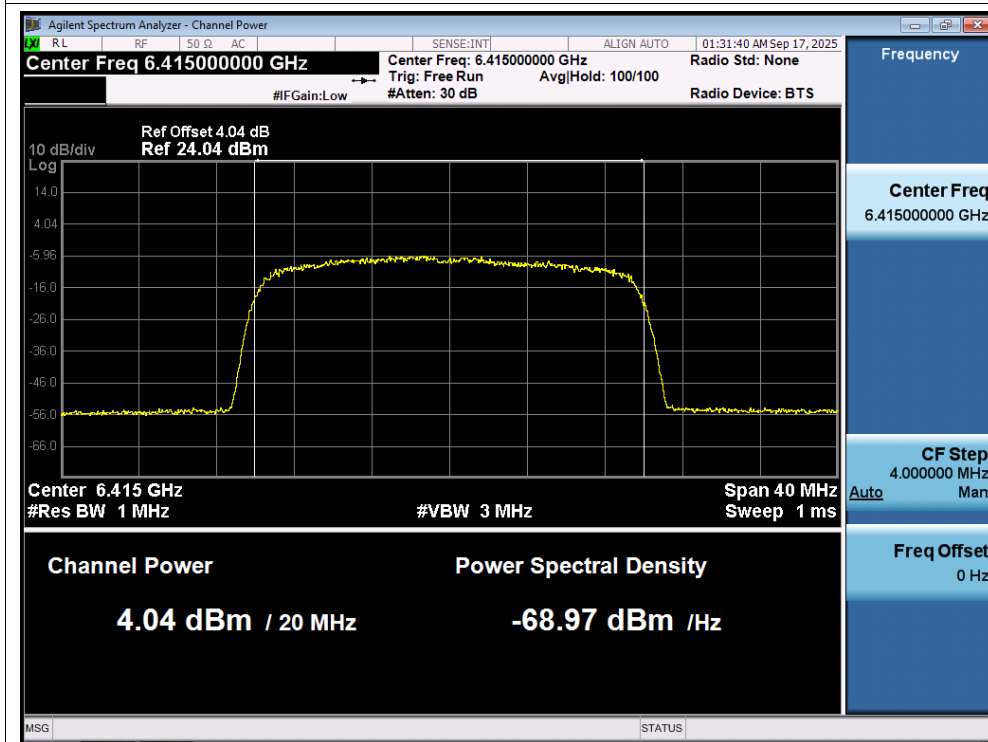


Power NVNT ax20 6175MHz Ant1





Power NVNT ax20 6415MHz Ant1

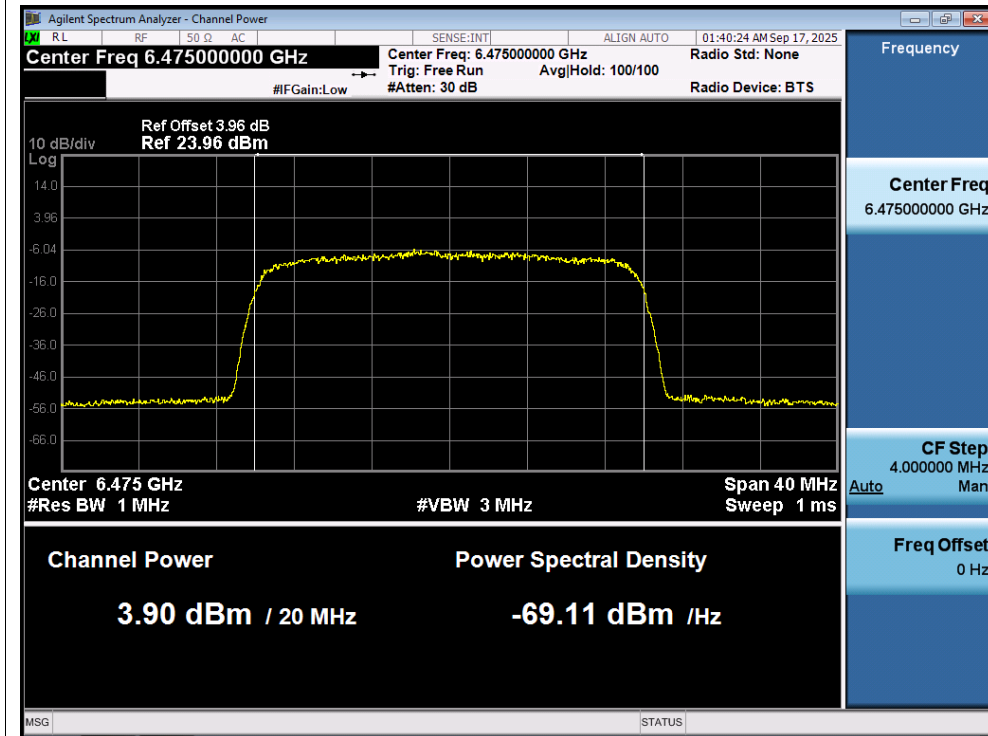


Power NVNT ax20 6435MHz Ant1

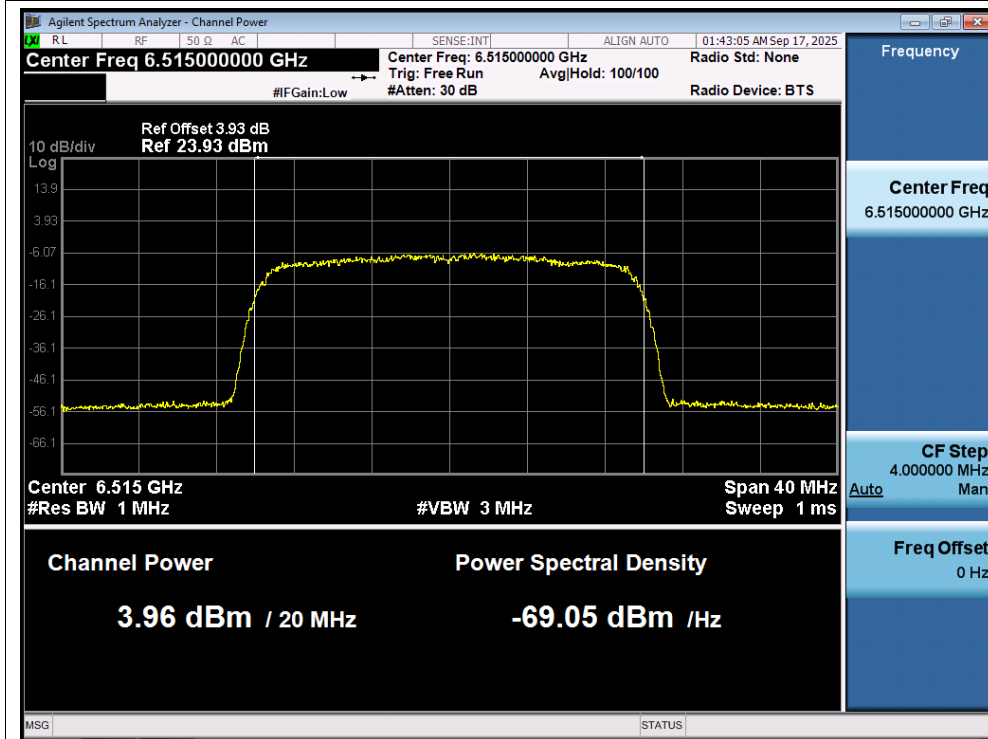




Power NVNT ax20 6475MHz Ant1

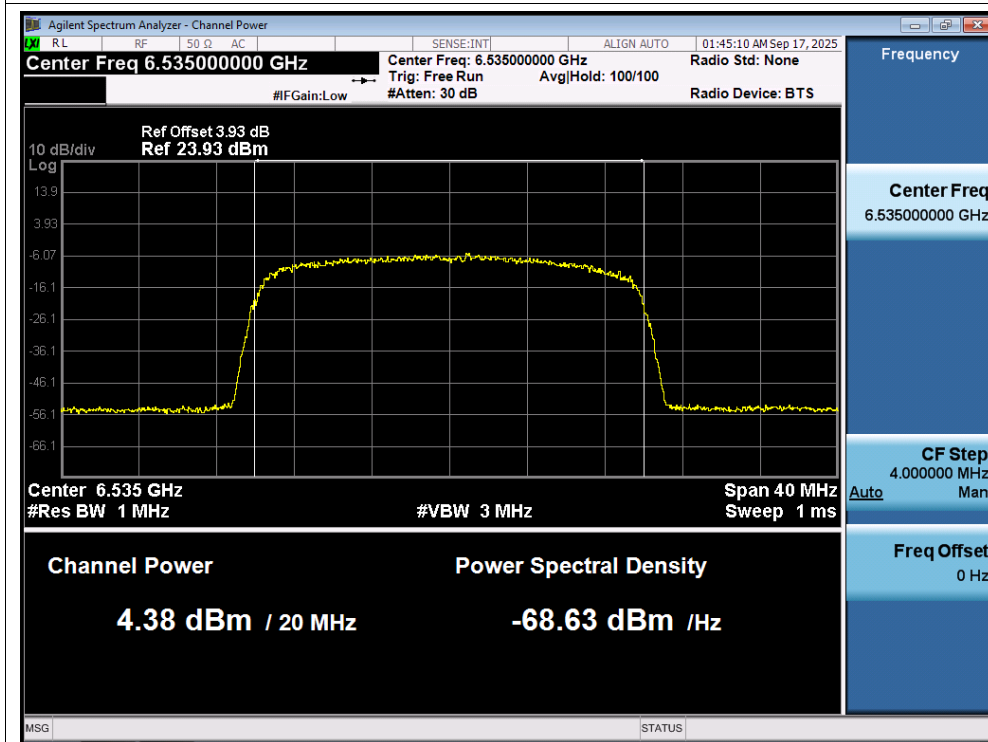


Power NVNT ax20 6515MHz Ant1

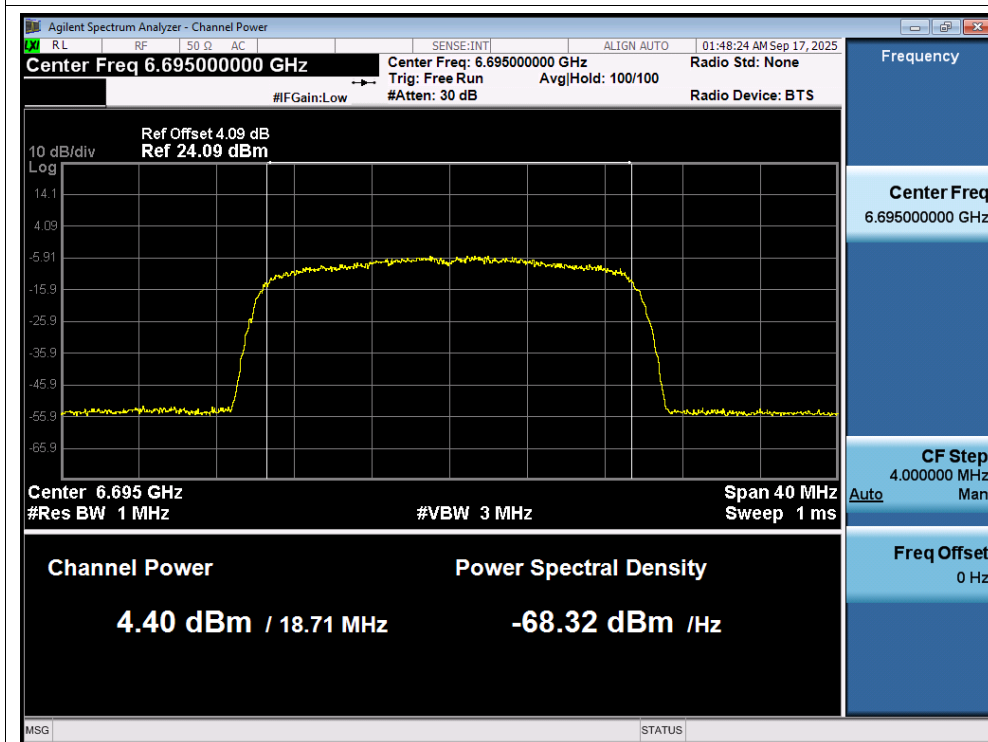




Power NVNT ax20 6535MHz Ant1

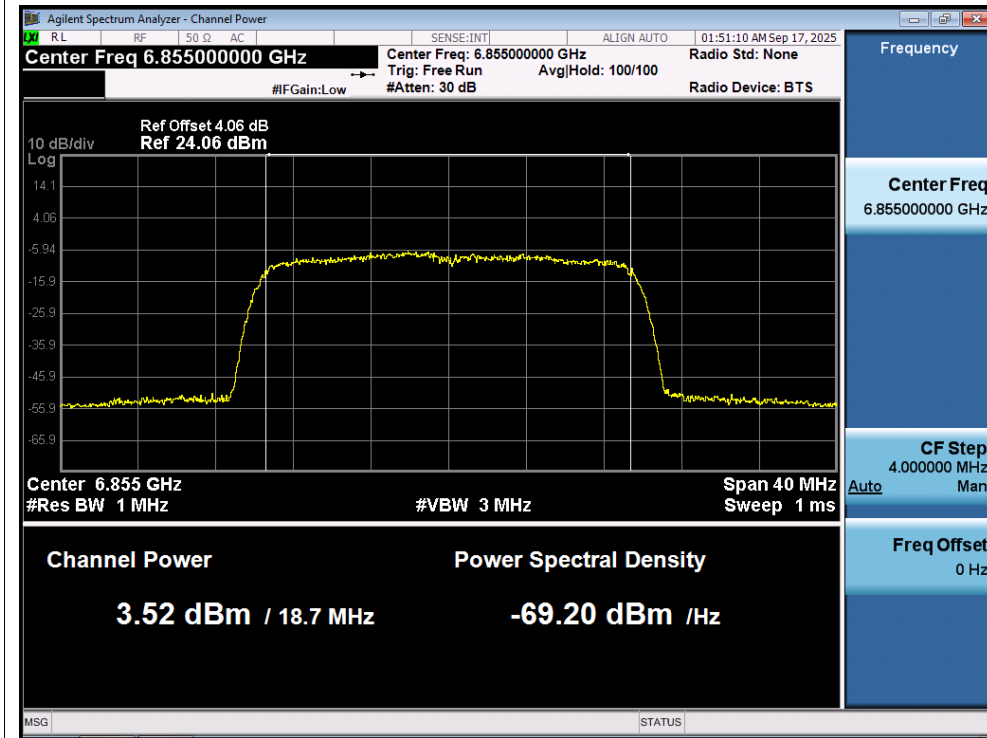


Power NVNT ax20 6695MHz Ant1

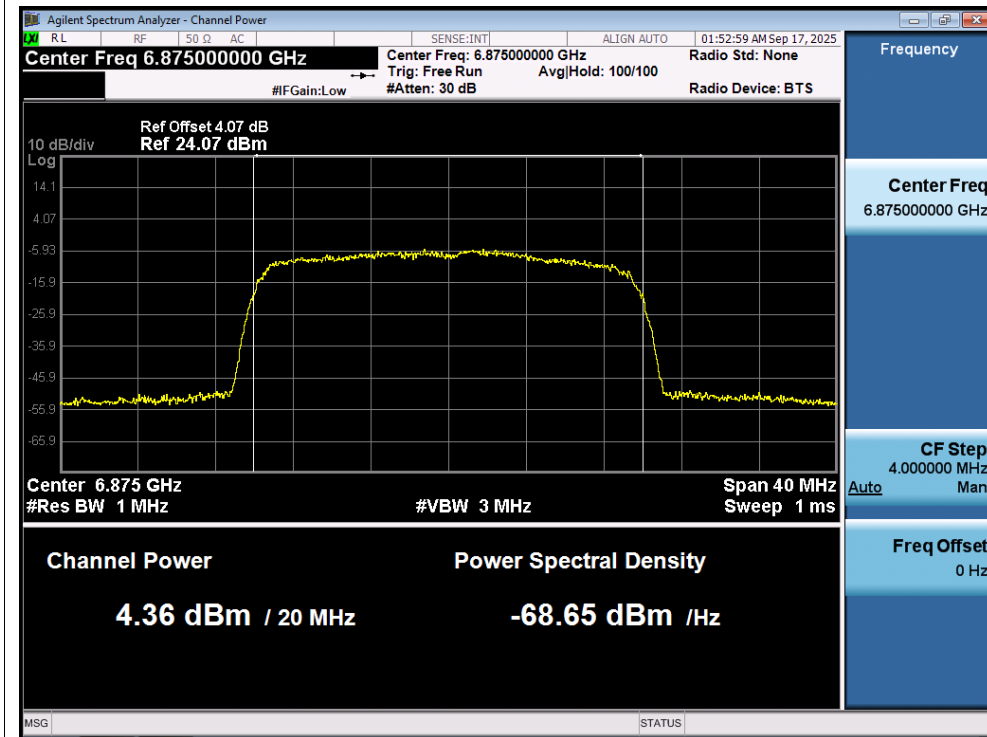




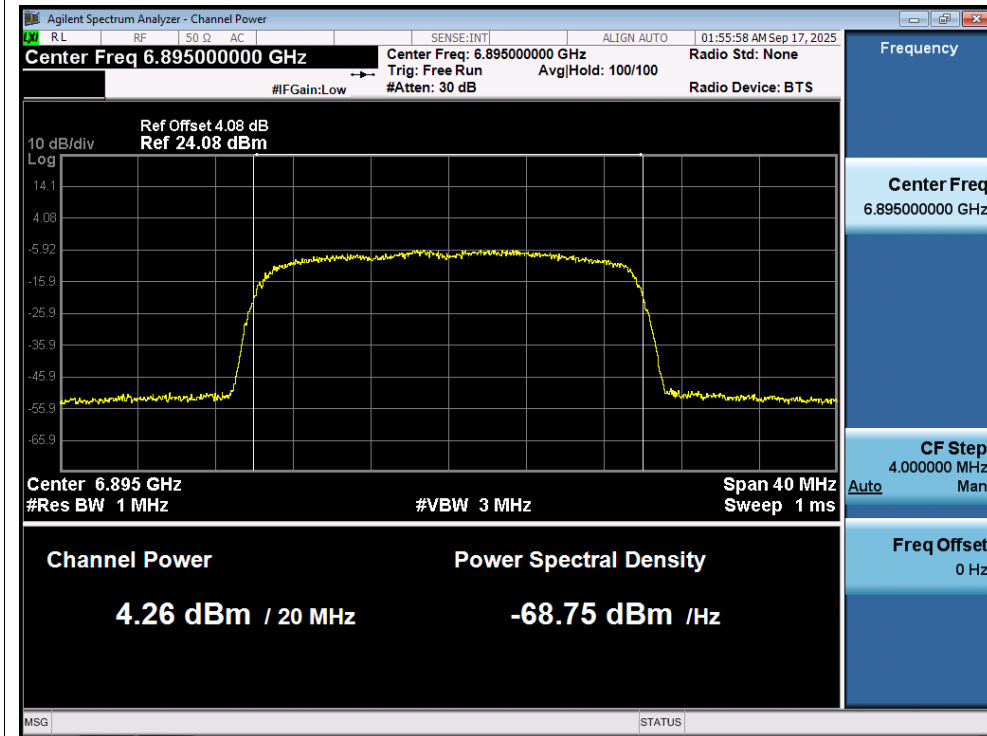
Power NVNT ax20 6855MHz Ant1



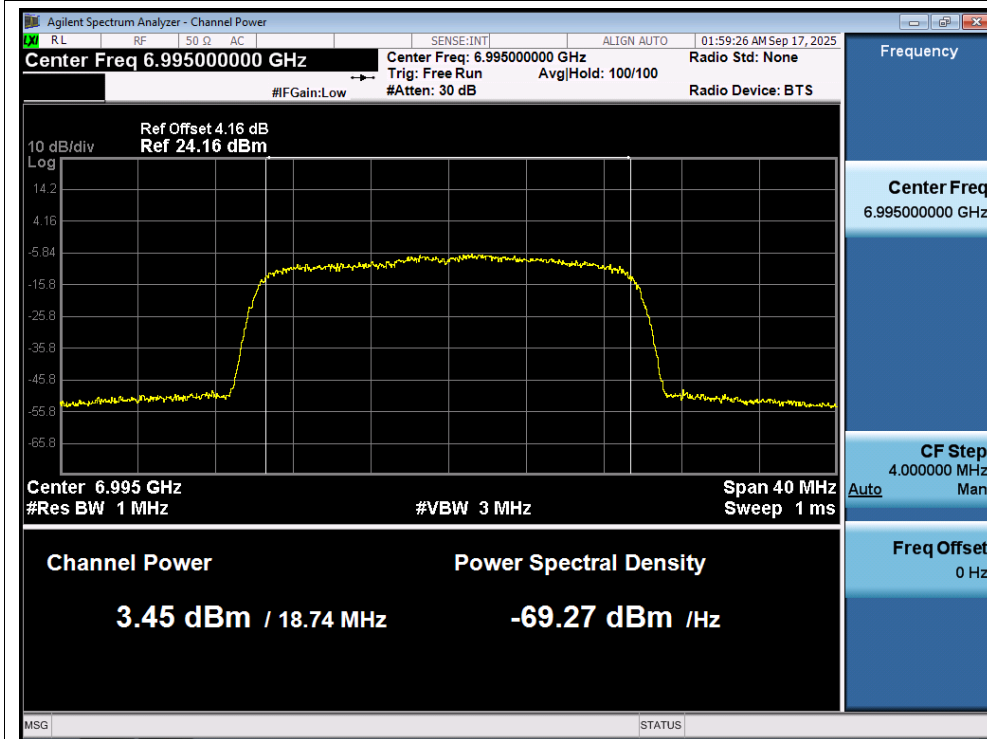
Power NVNT ax20 6875MHz Ant1



Power NVNT ax20 6895MHz Ant1



Power NVNT ax20 6995MHz Ant1

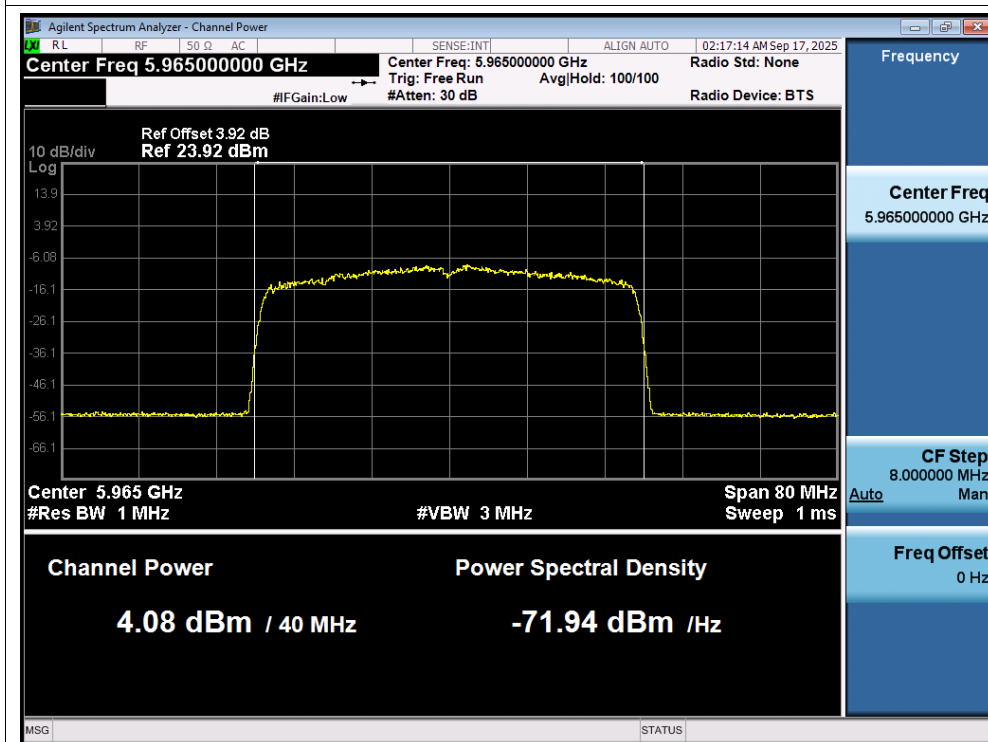




Power NVNT ax20 7115MHz Ant1

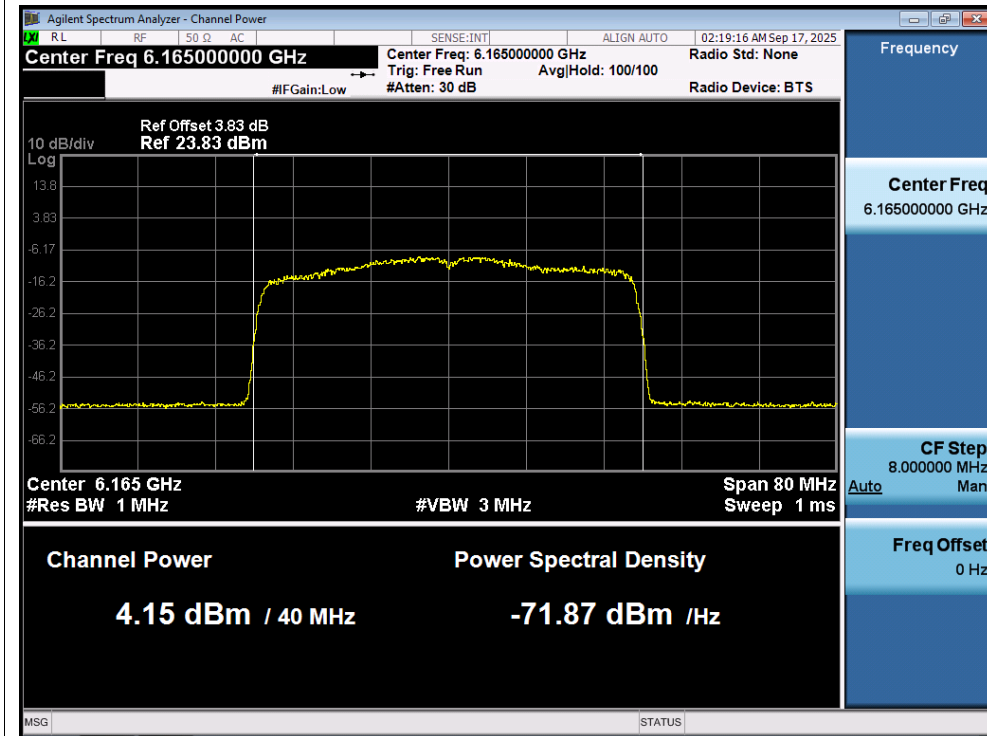


Power NVNT ax40 5965MHz Ant1

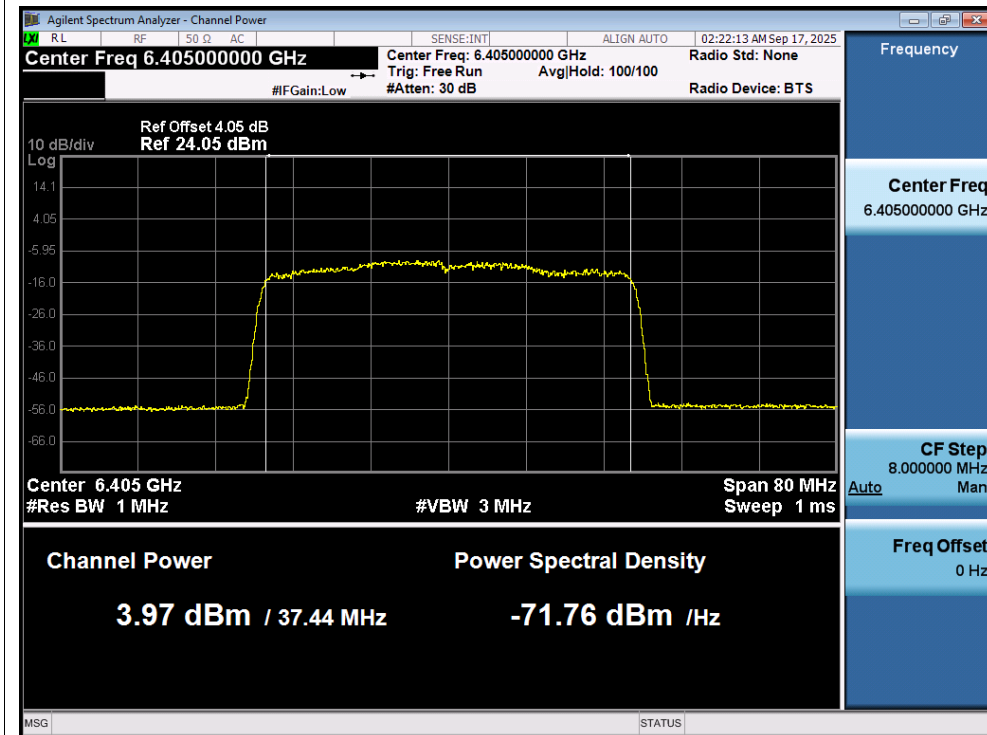




Power NVNT ax40 6165MHz Ant1

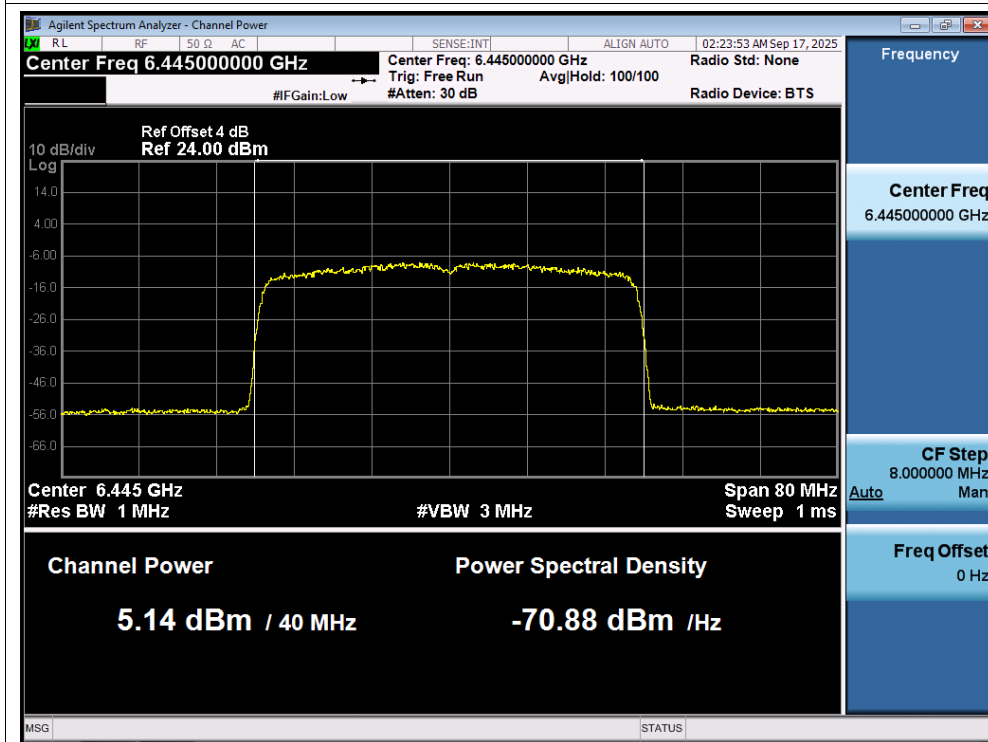


Power NVNT ax40 6405MHz Ant1

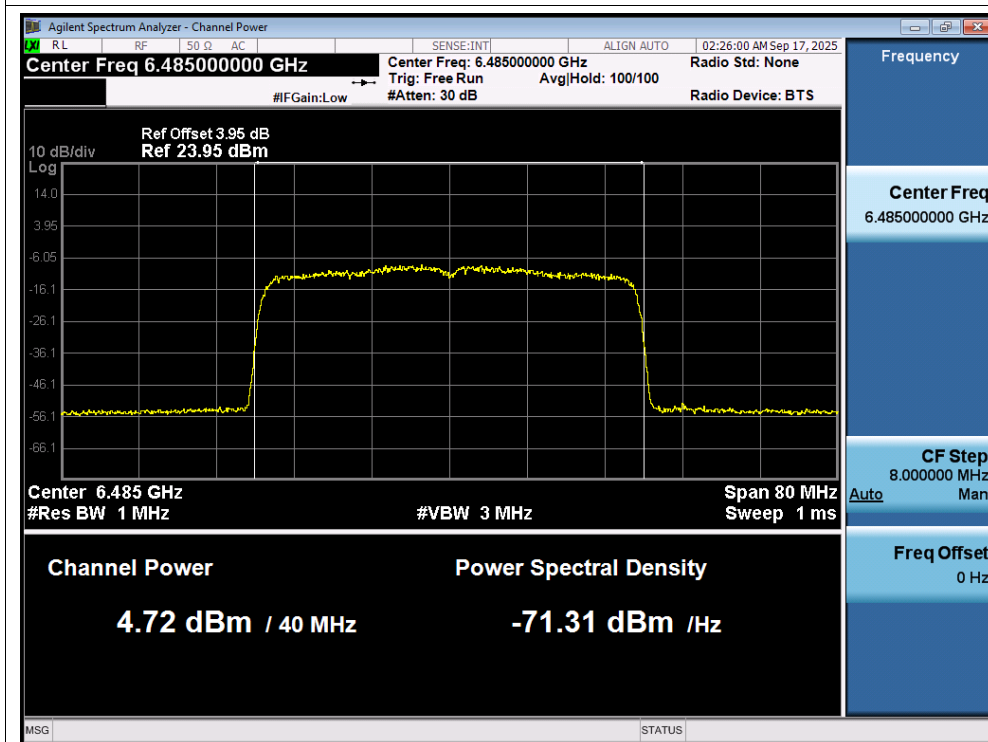




Power NVNT ax40 6445MHz Ant1

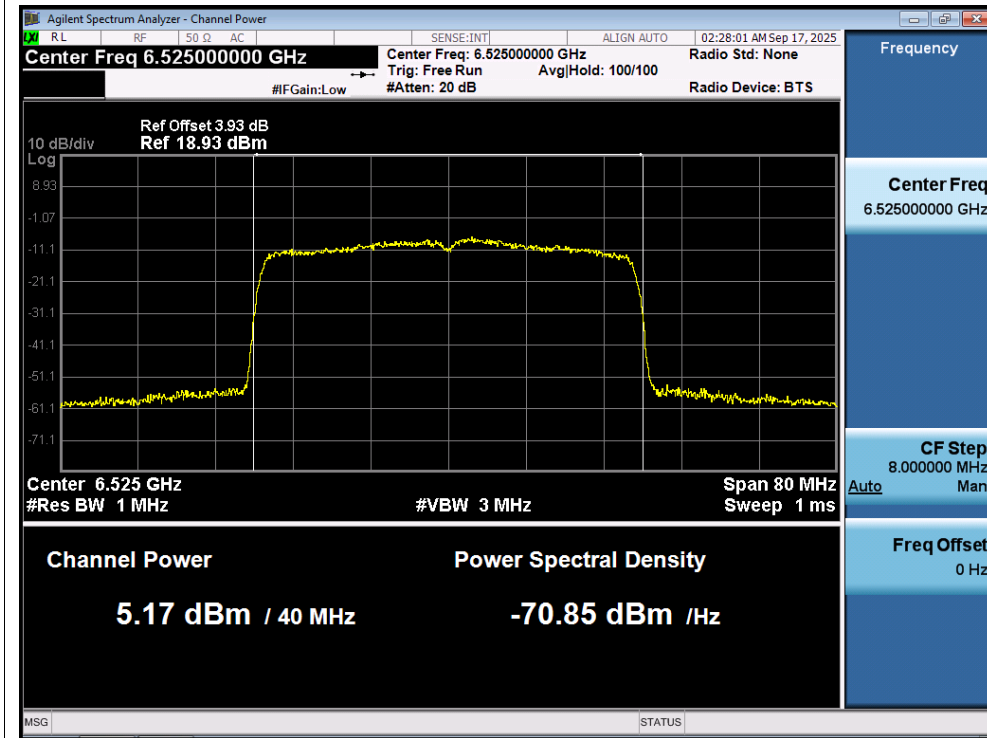


Power NVNT ax40 6485MHz Ant1

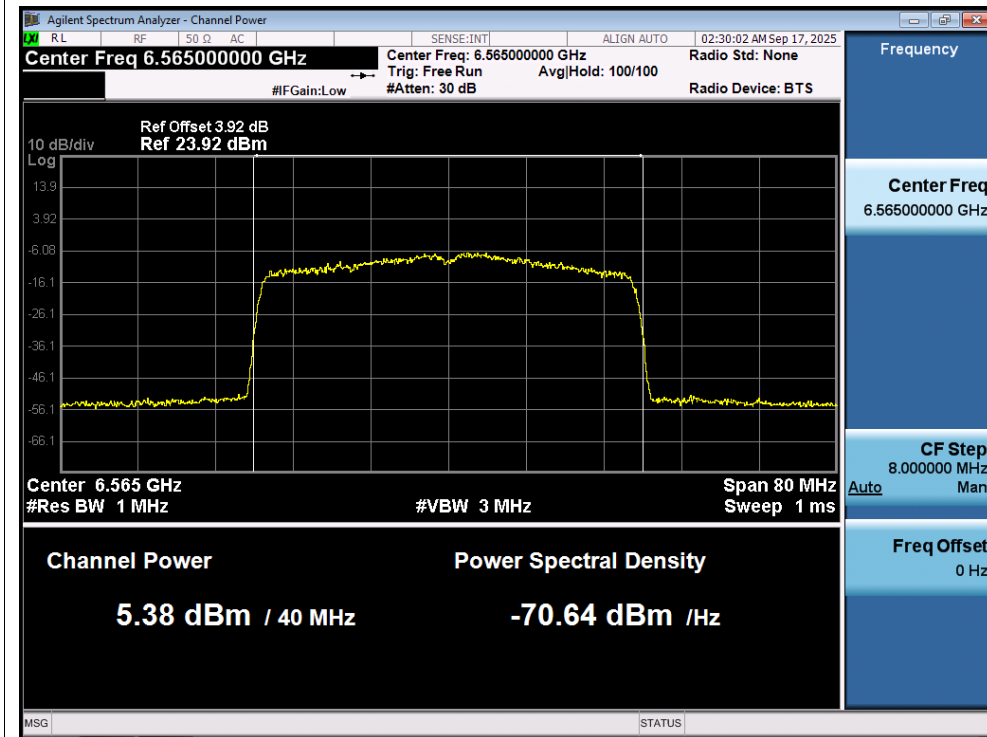




Power NVNT ax40 6525MHz Ant1

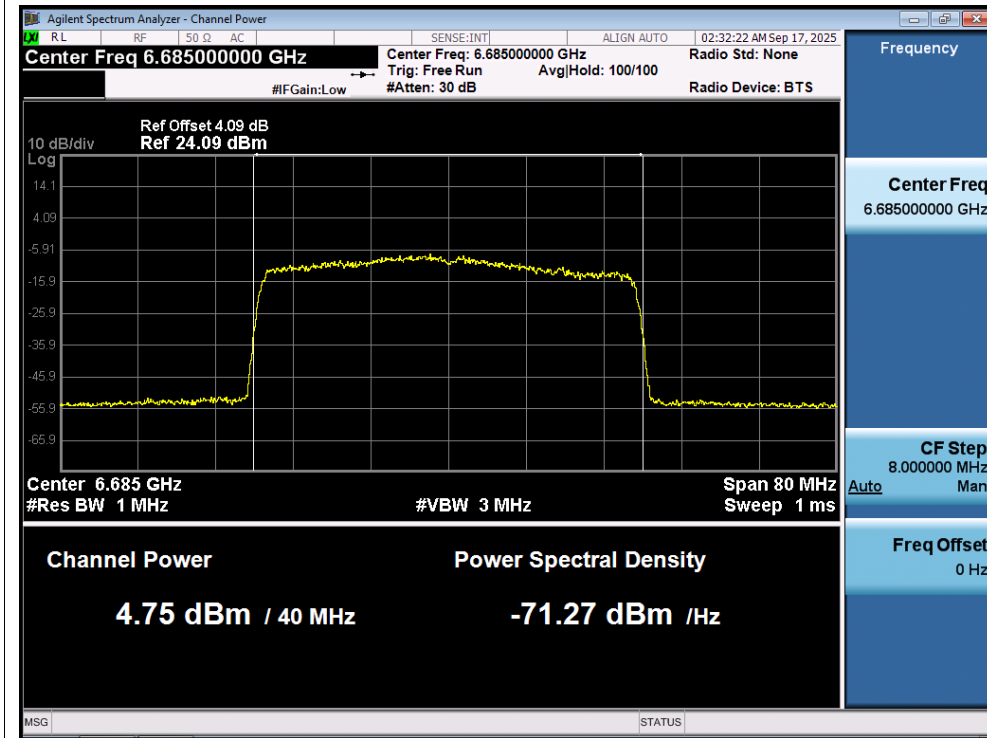


Power NVNT ax40 6565MHz Ant1

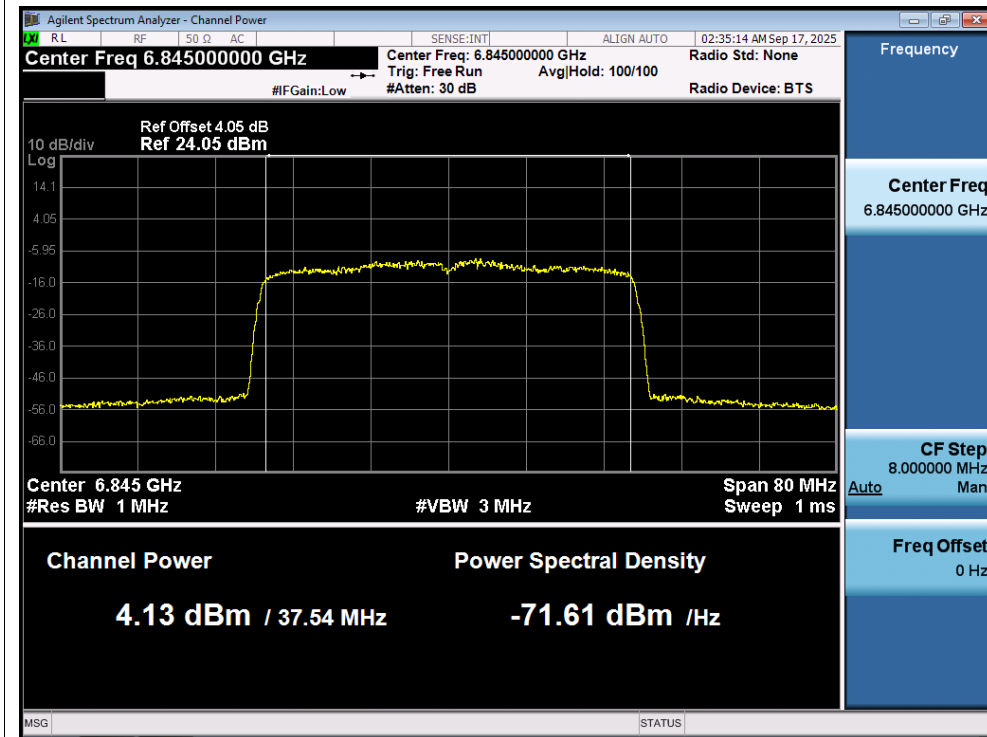




Power NVNT ax40 6685MHz Ant1

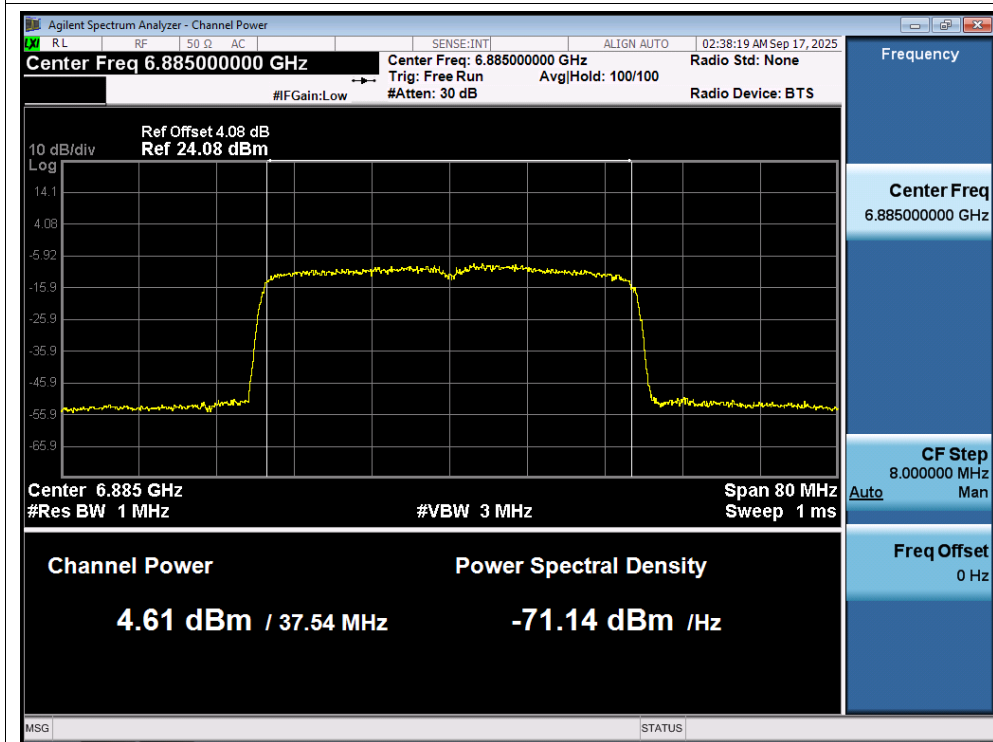


Power NVNT ax40 6845MHz Ant1

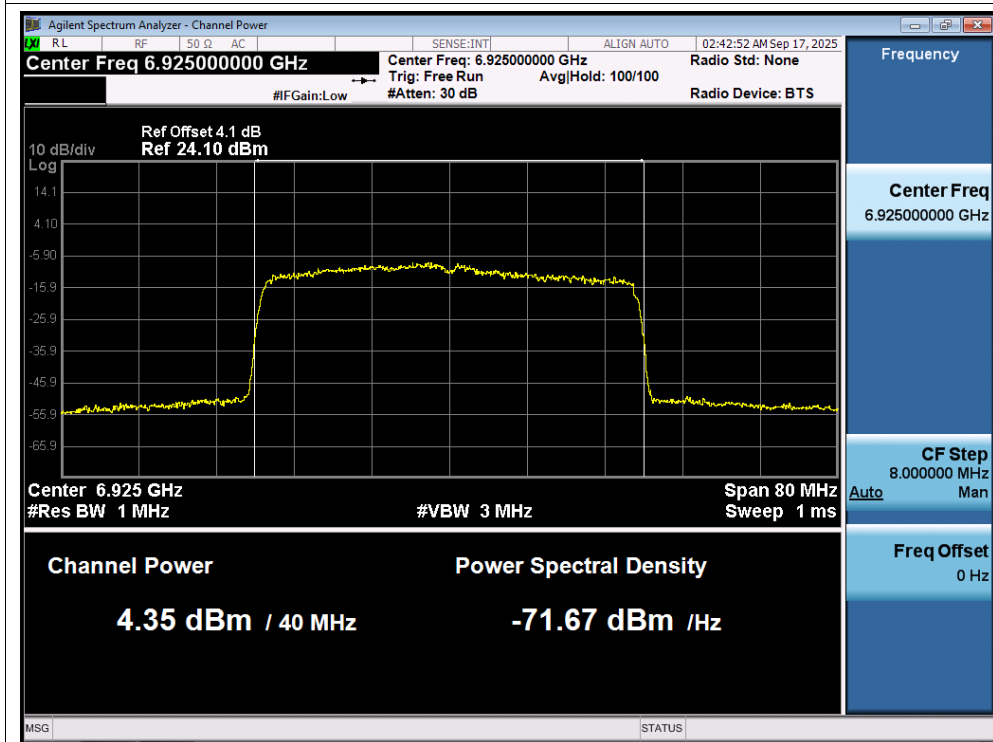




Power NVNT ax40 6885MHz Ant1

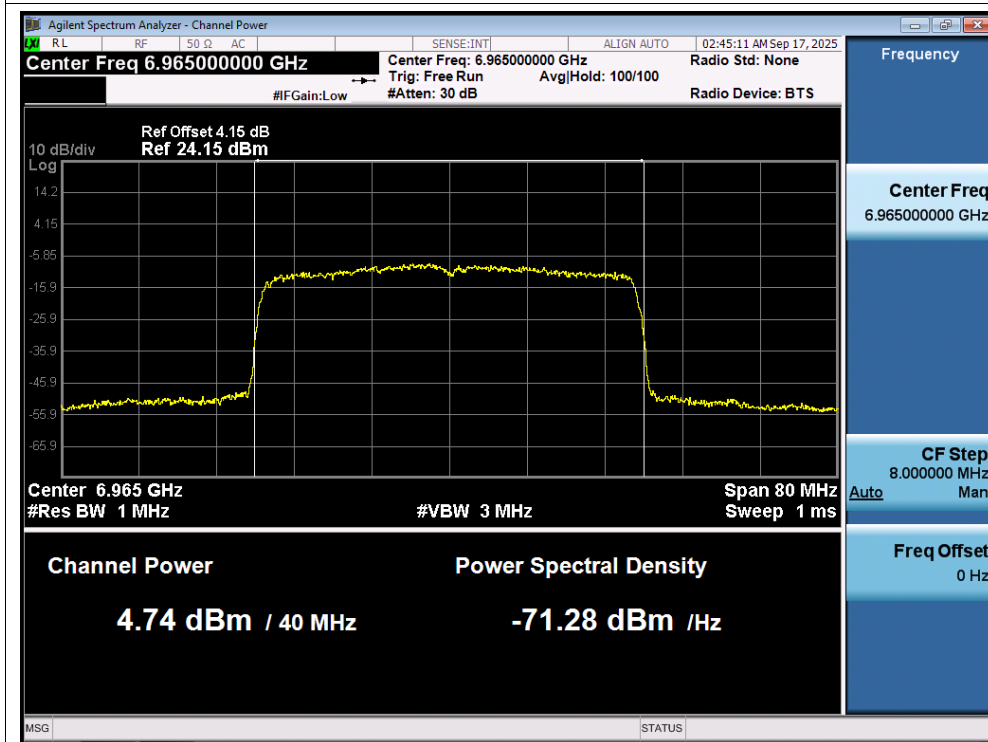


Power NVNT ax40 6925MHz Ant1

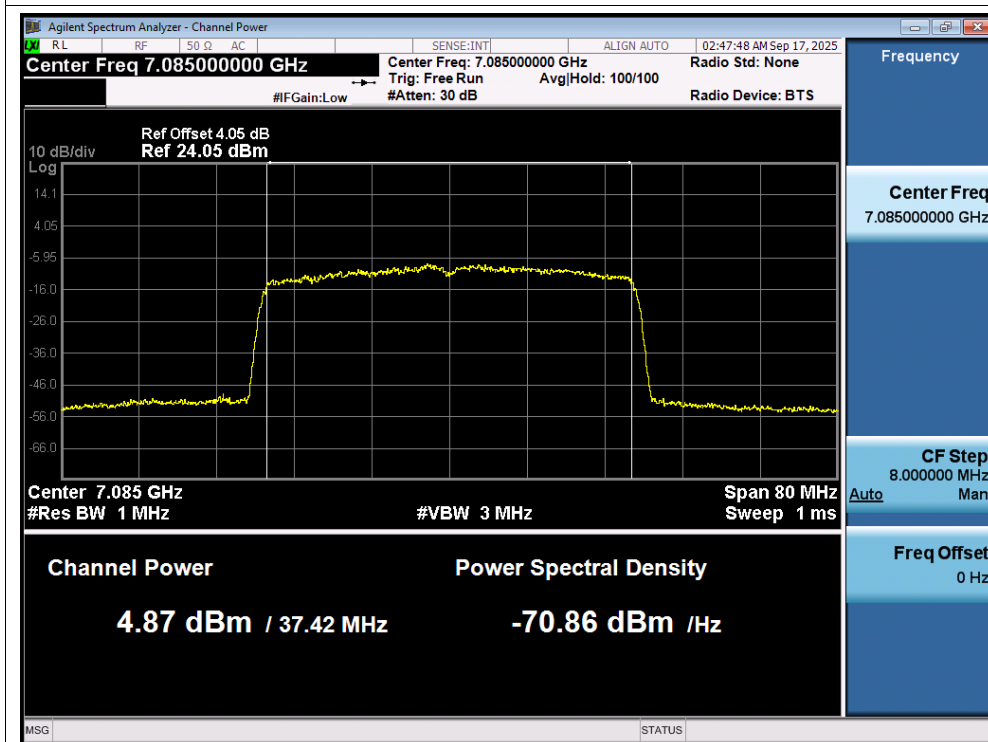




Power NVNT ax40 6965MHz Ant1

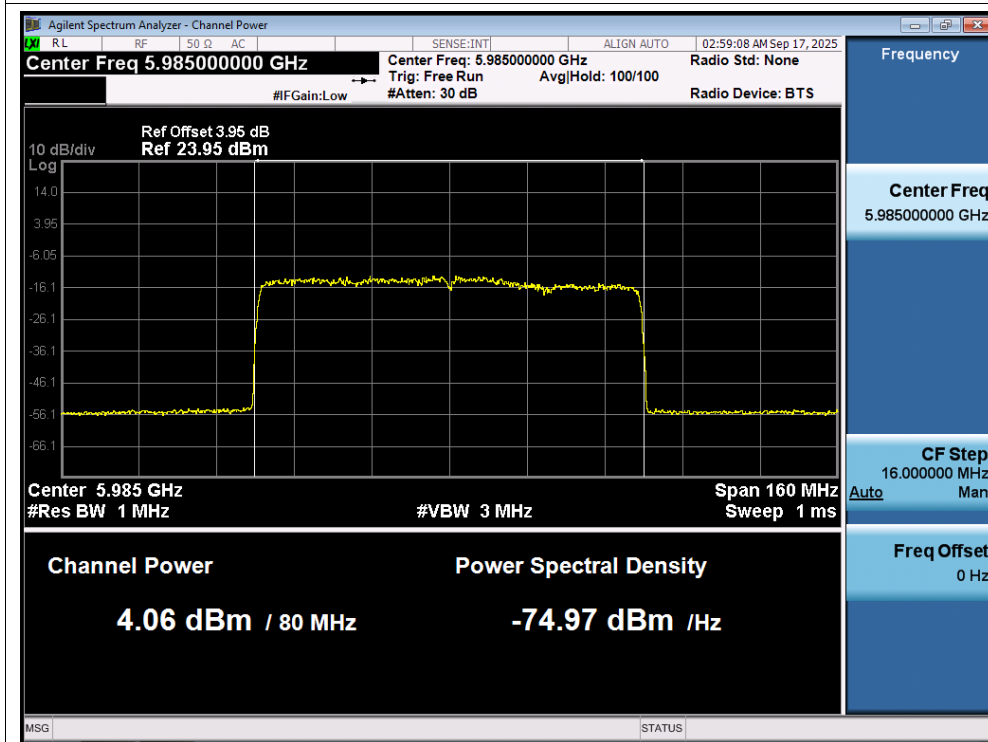


Power NVNT ax40 7085MHz Ant1

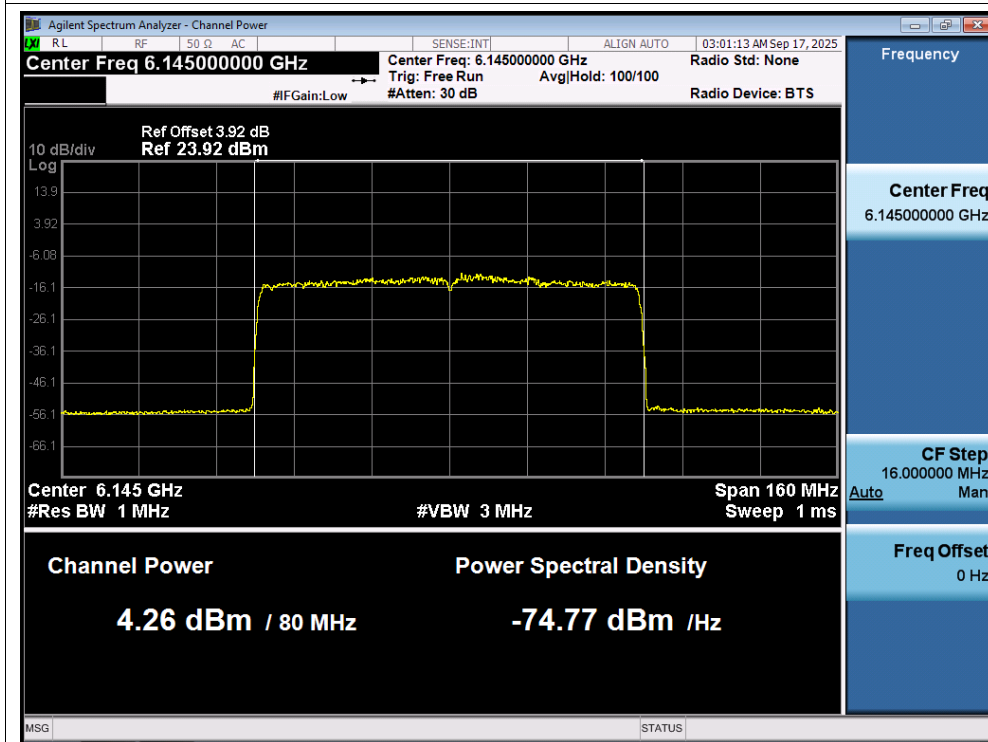




Power NVNT ax80 5985MHz Ant1

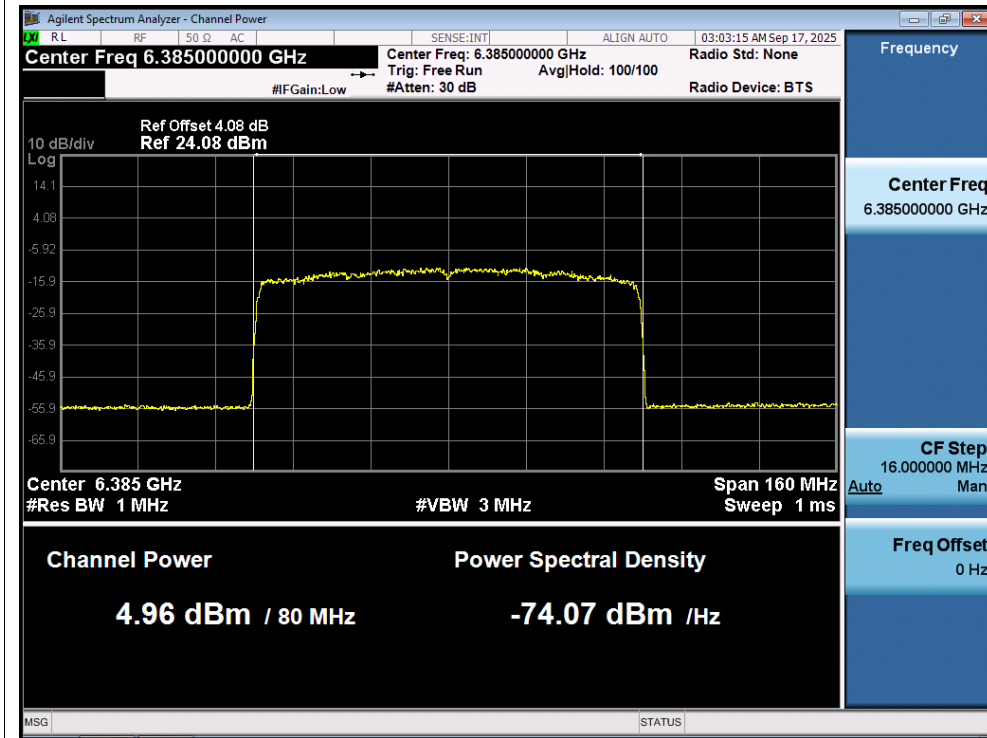


Power NVNT ax80 6145MHz Ant1

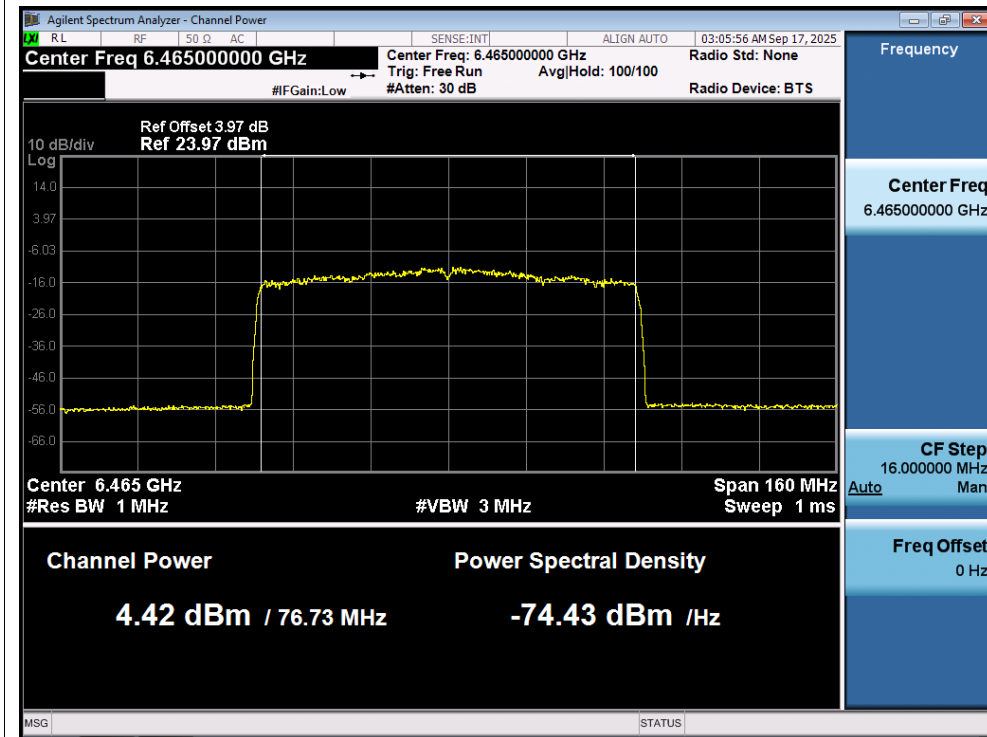




Power NVNT ax80 6385MHz Ant1

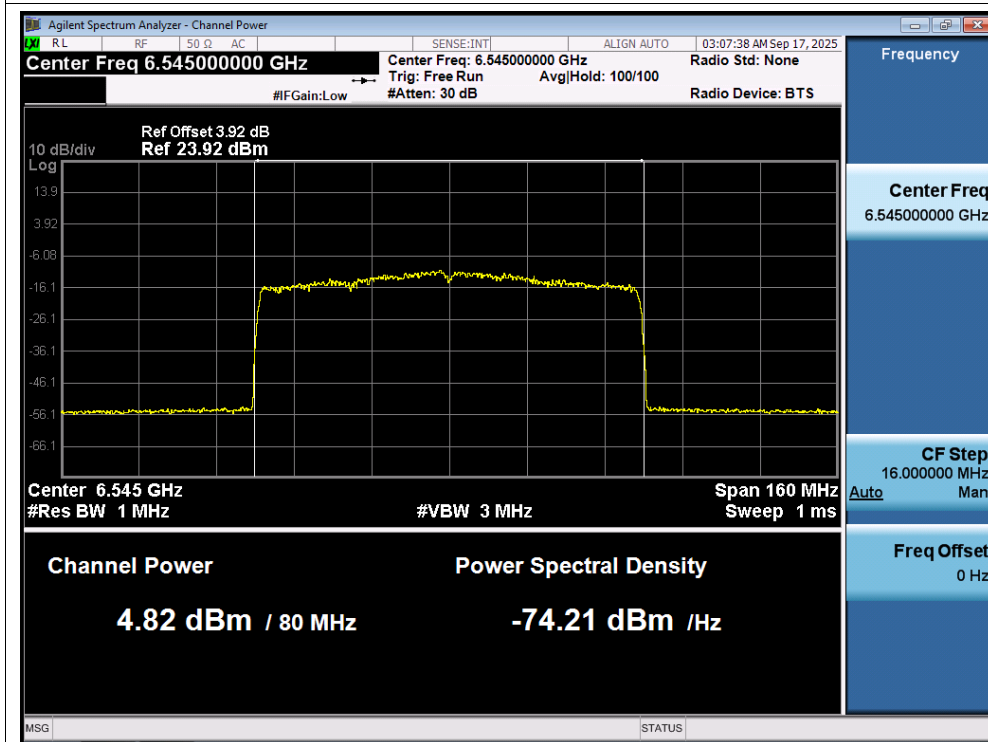


Power NVNT ax80 6465MHz Ant1





Power NVNT ax80 6545MHz Ant1



Power NVNT ax80 6625MHz Ant1

