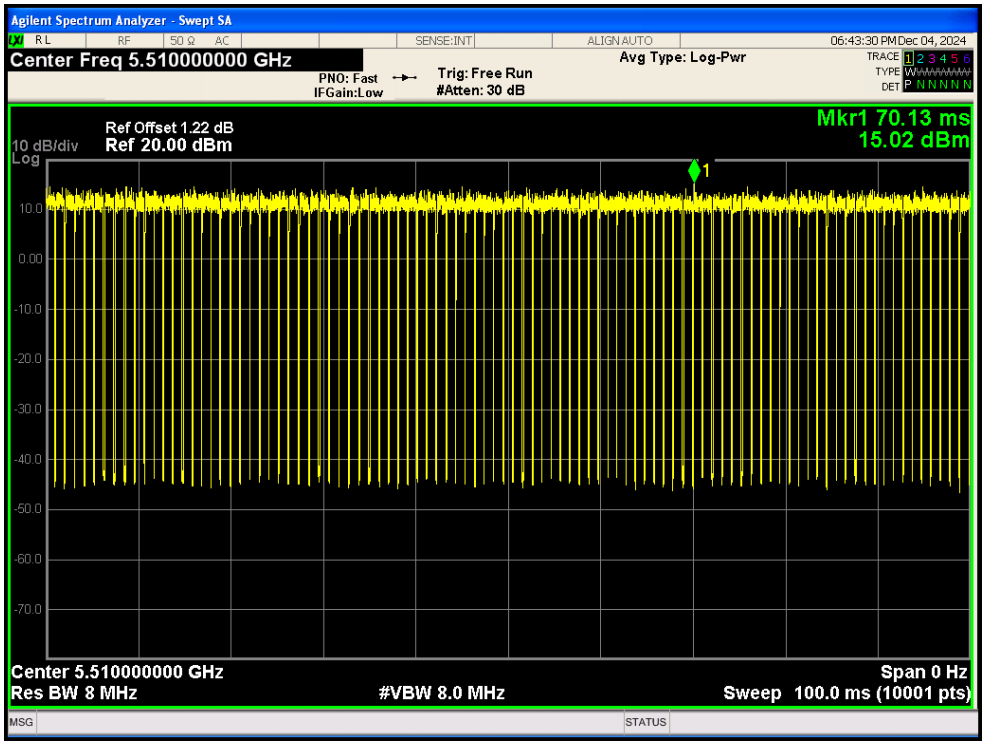
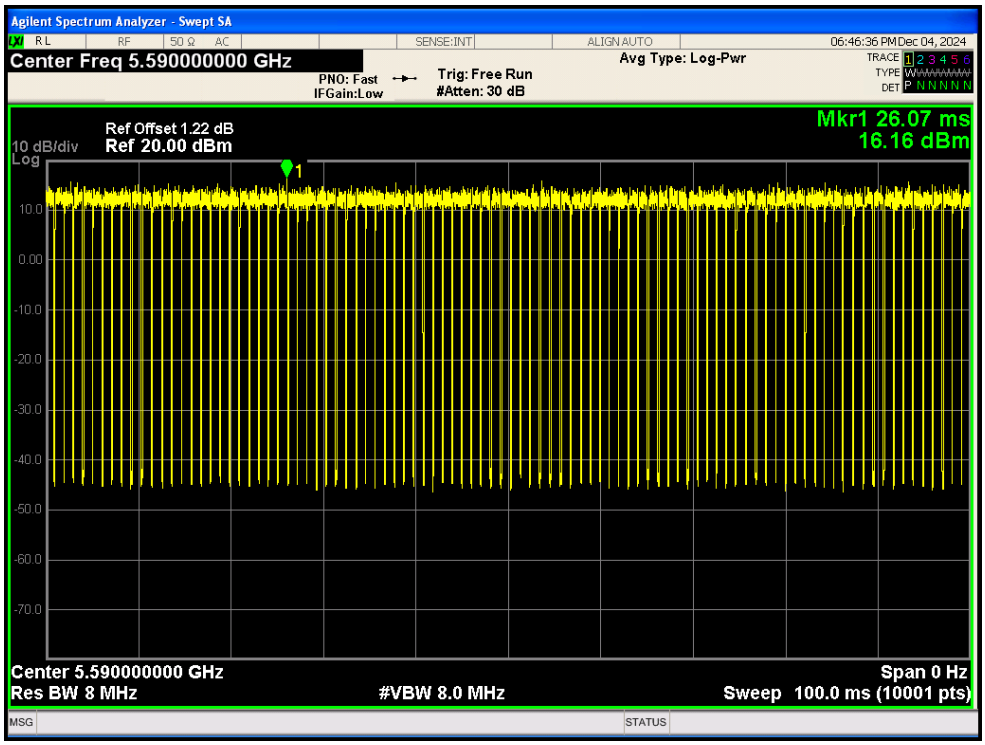
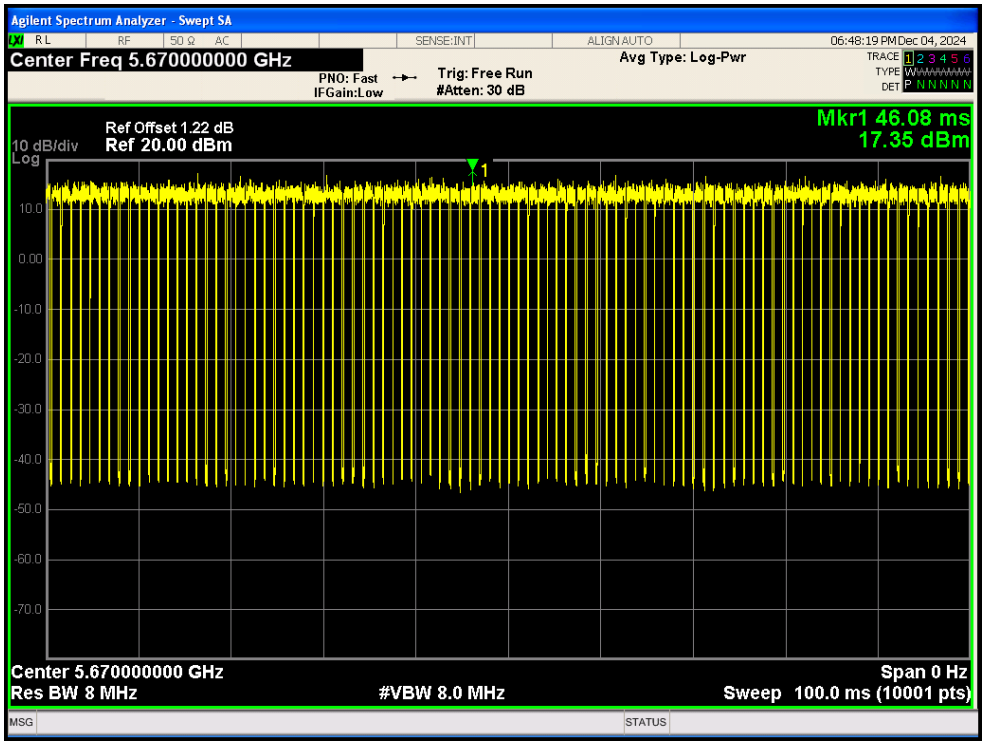
Duty Cycle NVNT ac40 5510MHz Ant1



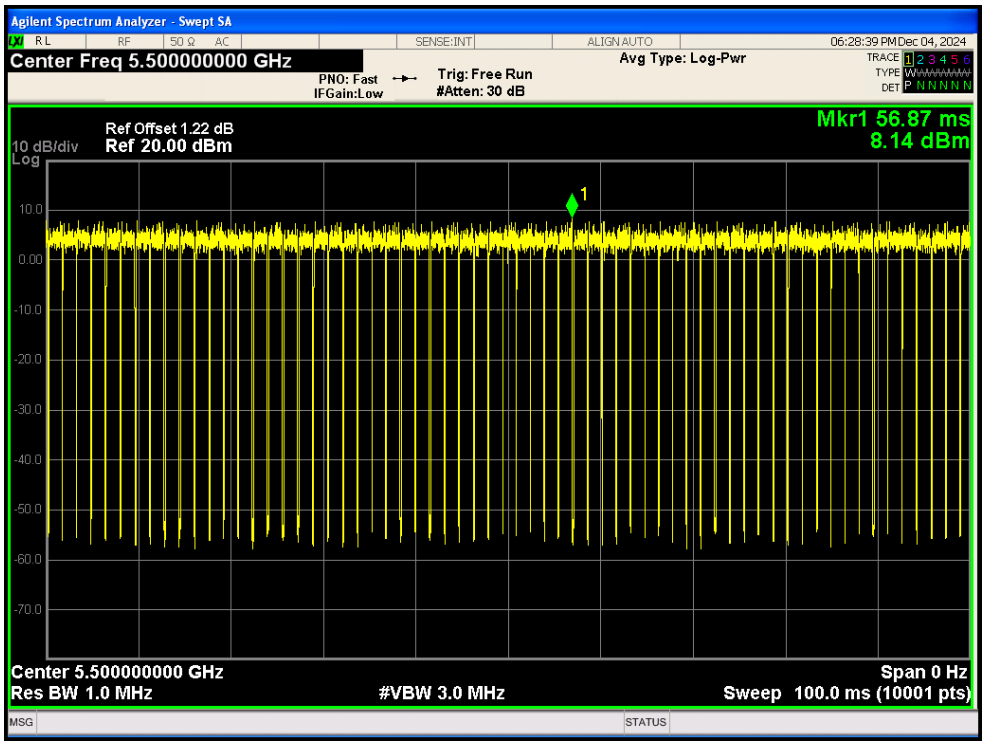
Duty Cycle NVNT ac40 5590MHz Ant1



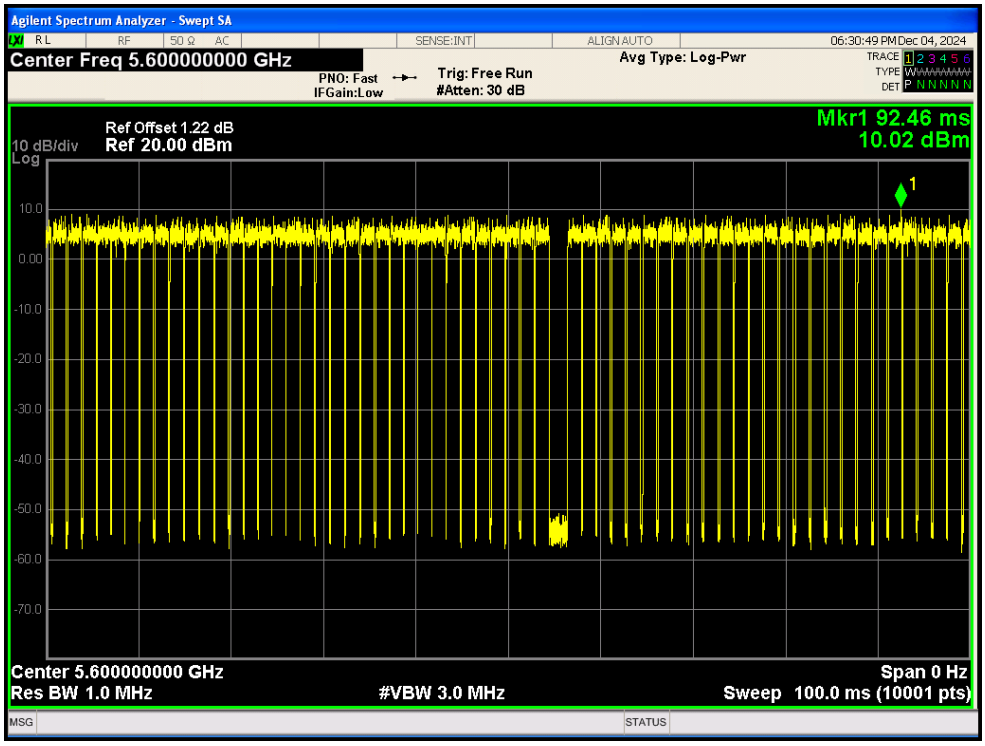
Duty Cycle NVNT ac40 5670MHz Ant1



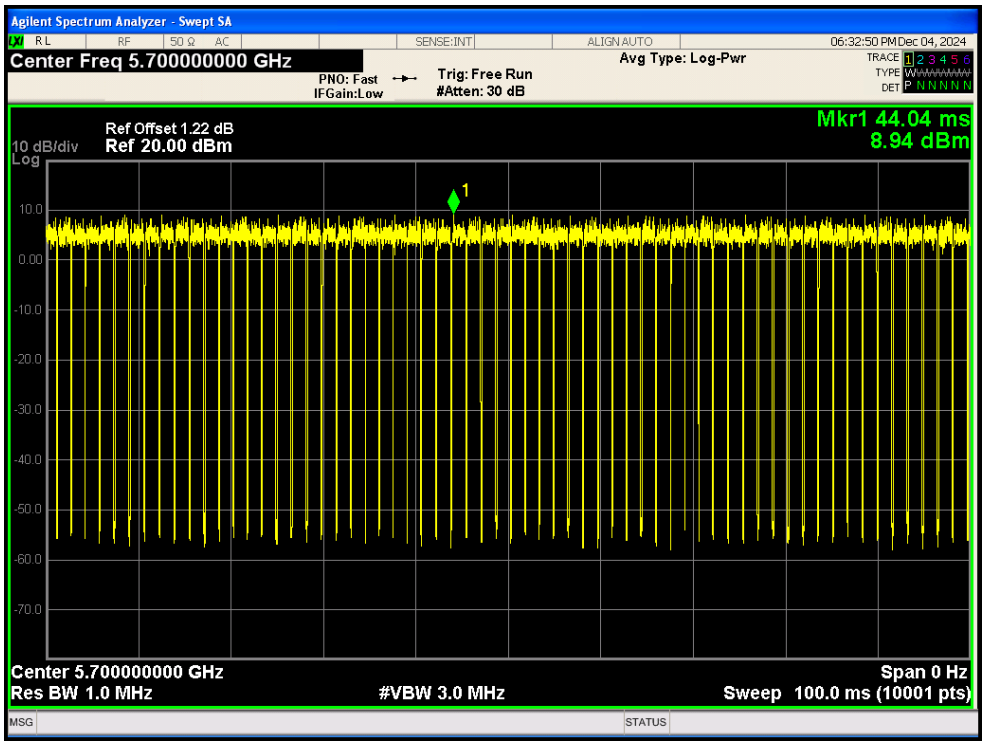
Duty Cycle NVNT ax20 5500MHz Ant1



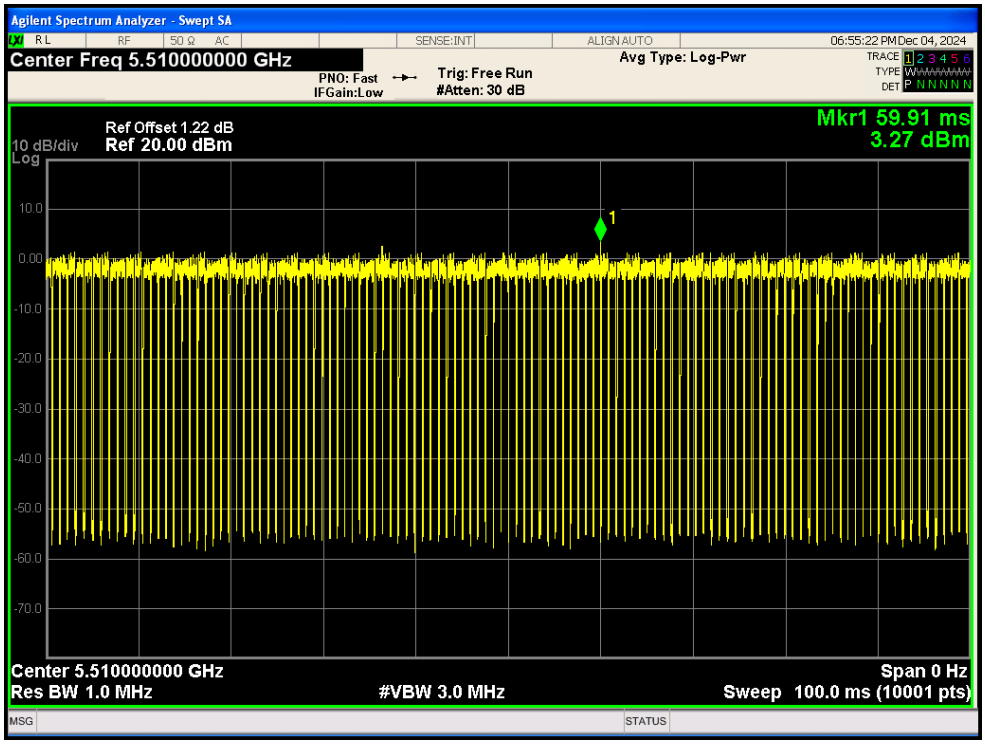
Duty Cycle NVNT ax20 5600MHz Ant1



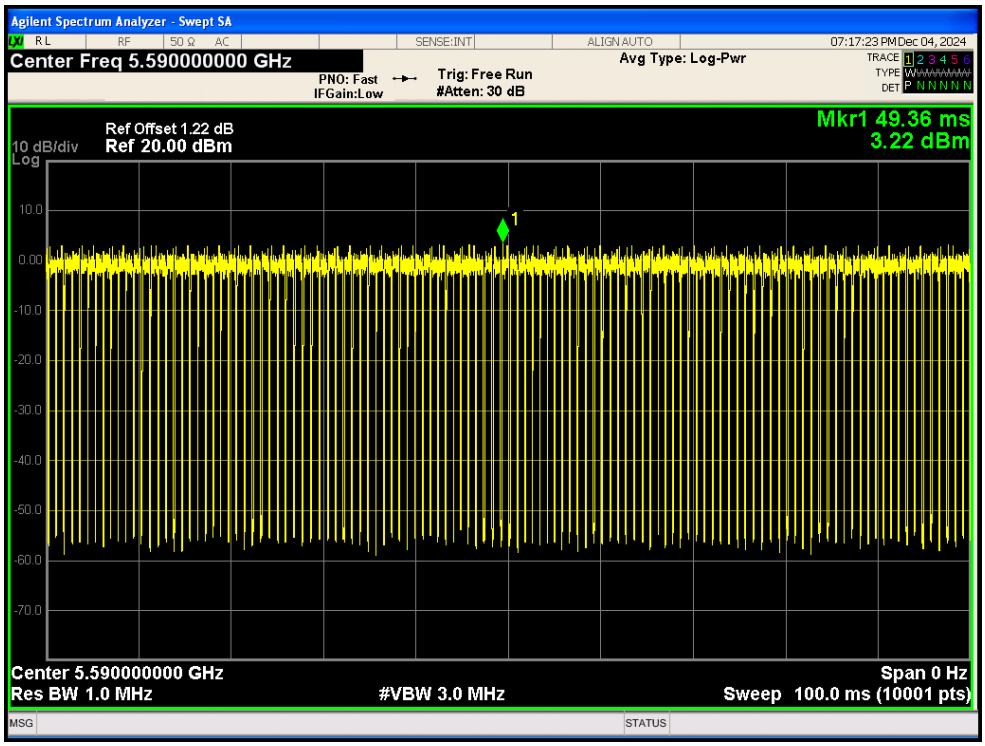
Duty Cycle NVNT ax20 5700MHz Ant1



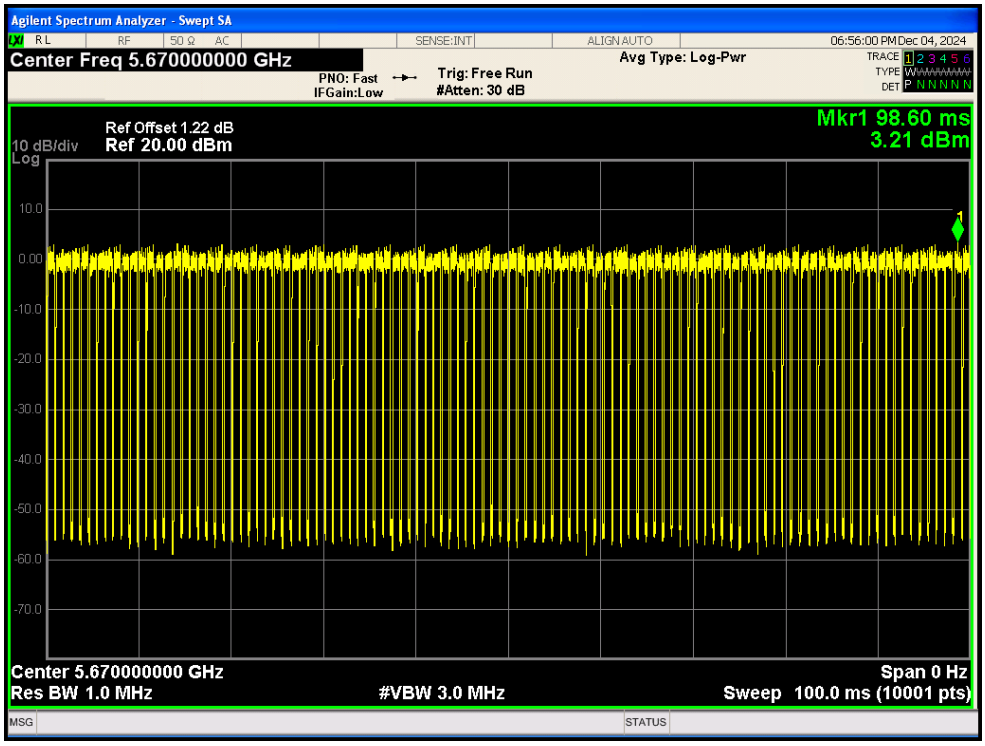
Duty Cycle NVNT ax40 5510MHz Ant1



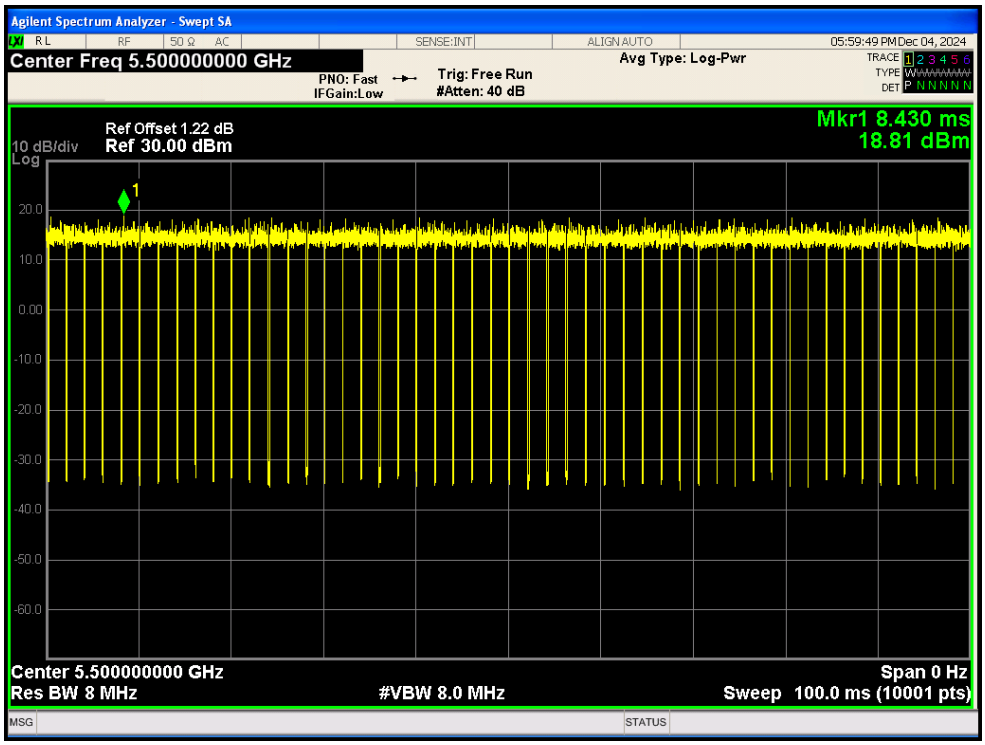
Duty Cycle NVNT ax40 5590MHz Ant1



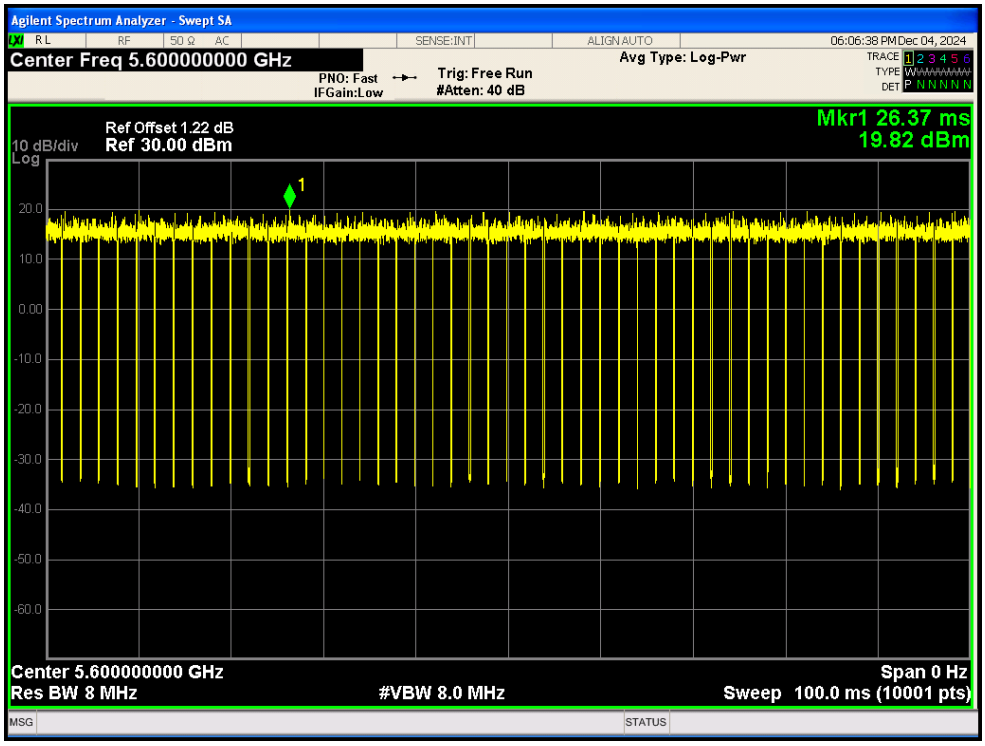
Duty Cycle NVNT ax40 5670MHz Ant1



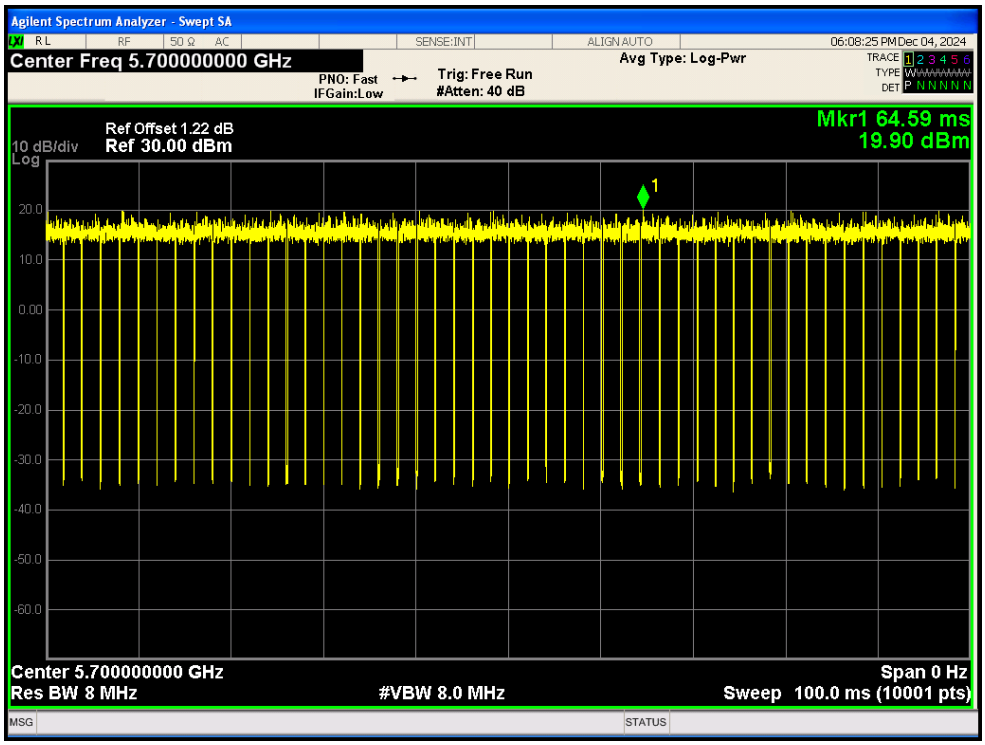
Duty Cycle NVNT n20 5500MHz Ant1



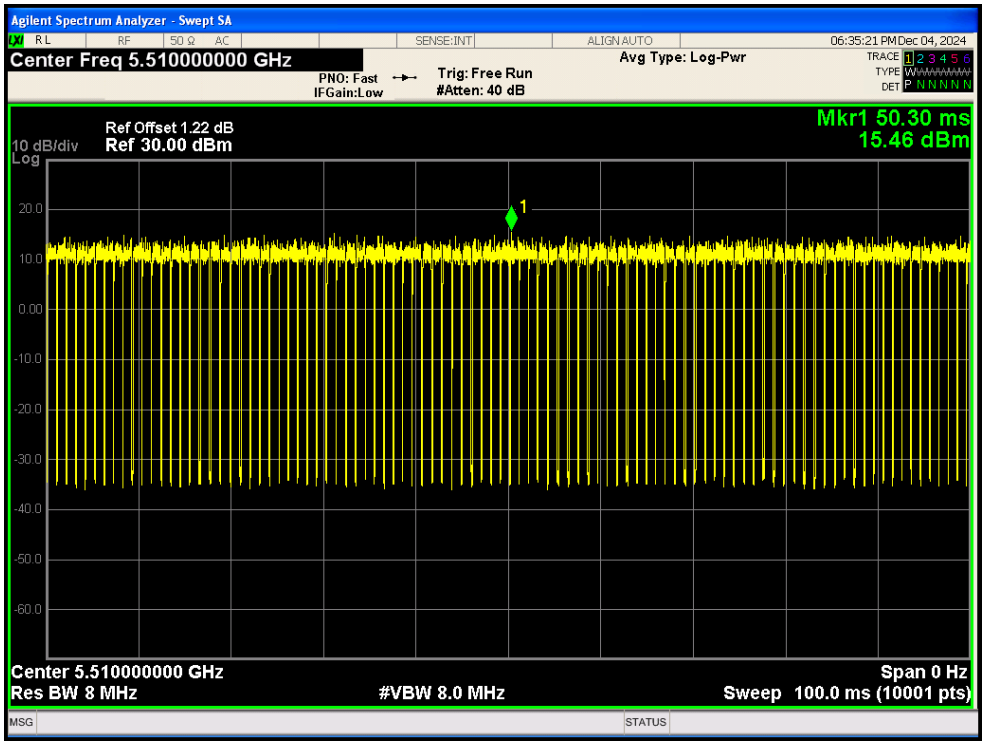
Duty Cycle NVNT n20 5600MHz Ant1



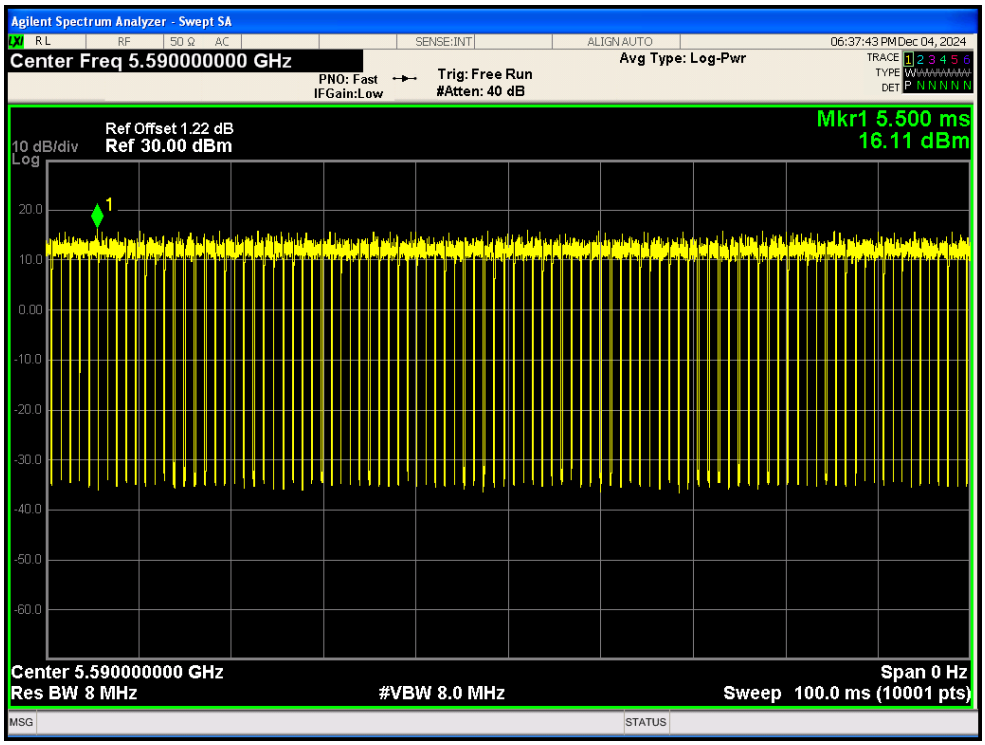
Duty Cycle NVNT n20 5700MHz Ant1



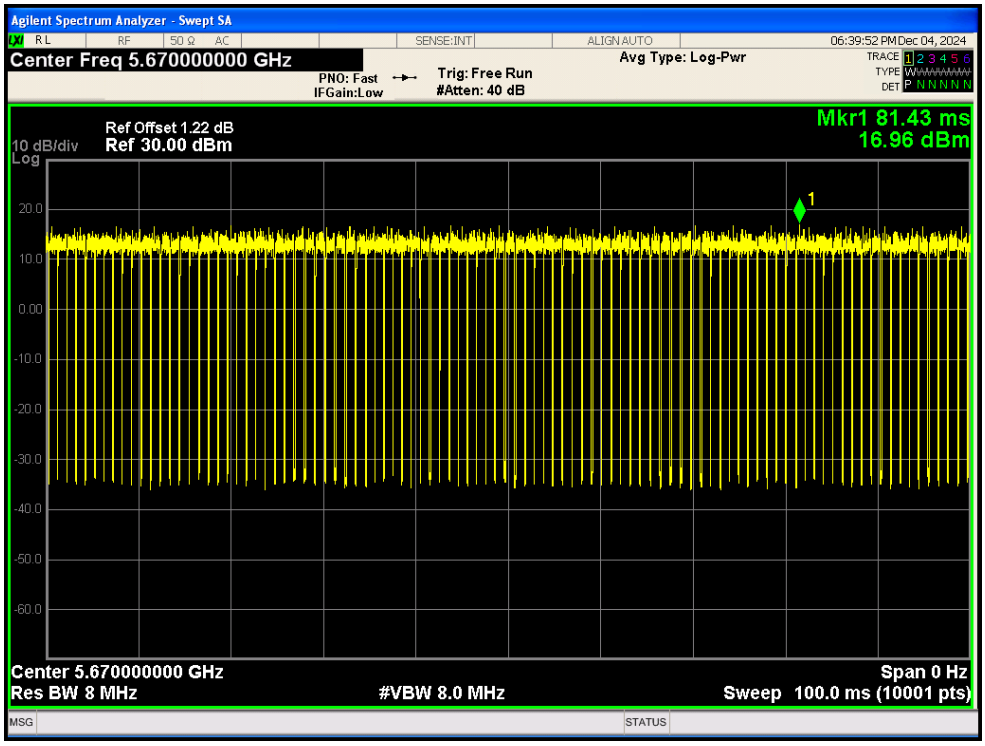
Duty Cycle NVNT n40 5510MHz Ant1



Duty Cycle NVNT n40 5590MHz Ant1



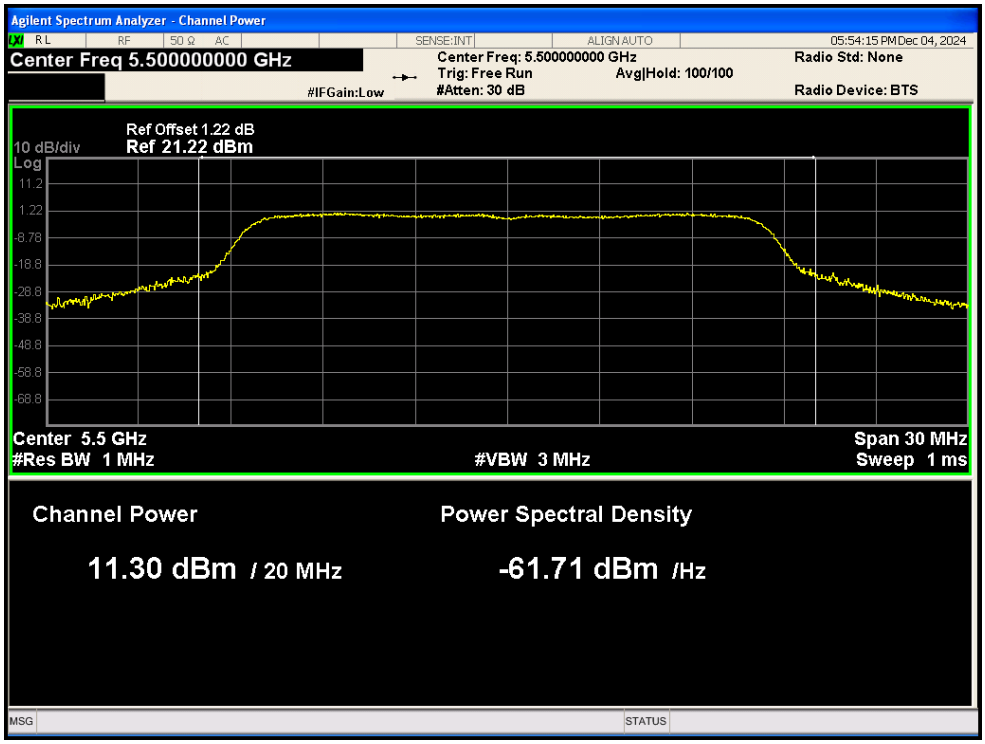
Duty Cycle NVNT n40 5670MHz Ant1



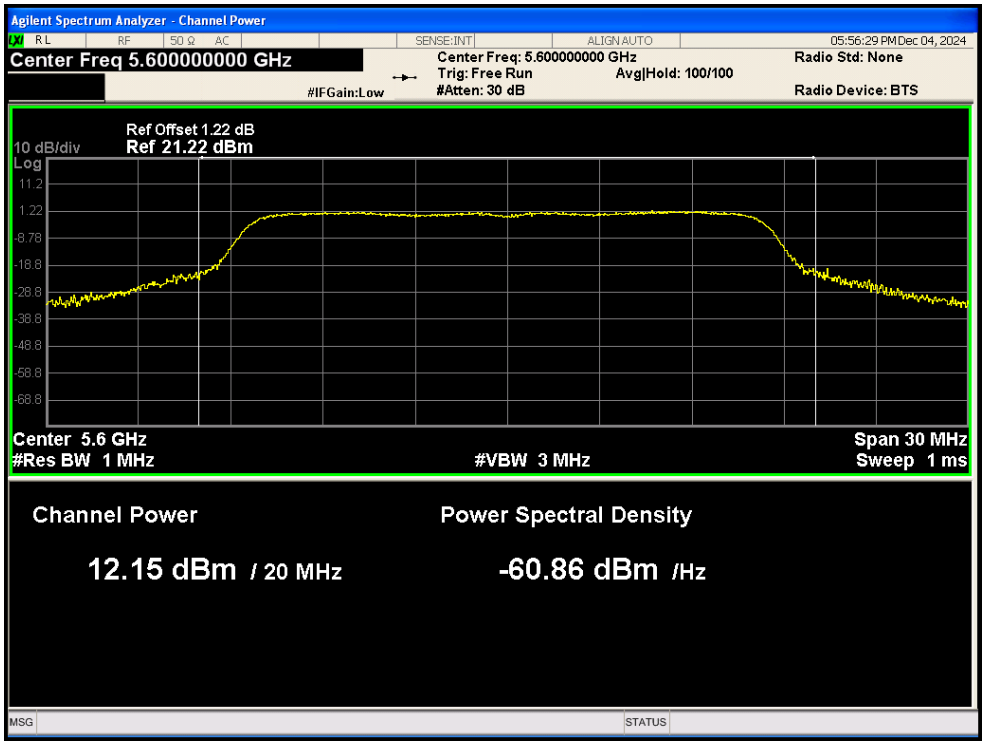
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	11.303	0.21	11.513	24	Pass
NVNT	a	5600	Ant1	12.147	0.3	12.447	24	Pass
NVNT	a	5700	Ant1	11.944	0.23	12.174	24	Pass
NVNT	ac20	5500	Ant1	11.188	0.24	11.428	24	Pass
NVNT	ac20	5600	Ant1	12.064	0.23	12.294	24	Pass
NVNT	ac20	5700	Ant1	12.002	0.22	12.222	24	Pass
NVNT	ac40	5510	Ant1	11.055	0.41	11.465	24	Pass
NVNT	ac40	5590	Ant1	11.927	0.47	12.397	24	Pass
NVNT	ac40	5670	Ant1	10.362	0.48	10.842	24	Pass
NVNT	ax20	5500	Ant1	11.377	0.28	11.657	24	Pass
NVNT	ax20	5600	Ant1	12.297	0.49	12.787	24	Pass
NVNT	ax20	5700	Ant1	12.048	0.35	12.398	24	Pass
NVNT	ax40	5510	Ant1	11.473	0.5	11.973	24	Pass
NVNT	ax40	5590	Ant1	10.114	0.54	10.654	24	Pass
NVNT	ax40	5670	Ant1	9.642	0.82	10.462	24	Pass
NVNT	n20	5500	Ant1	11.246	0.21	11.456	24	Pass
NVNT	n20	5600	Ant1	11.985	0.23	12.215	24	Pass
NVNT	n20	5700	Ant1	11.886	0.23	12.116	24	Pass
NVNT	n40	5510	Ant1	10.828	0.45	11.278	24	Pass
NVNT	n40	5590	Ant1	11.838	0.43	12.268	24	Pass
NVNT	n40	5670	Ant1	12.143	0.4	12.543	24	Pass

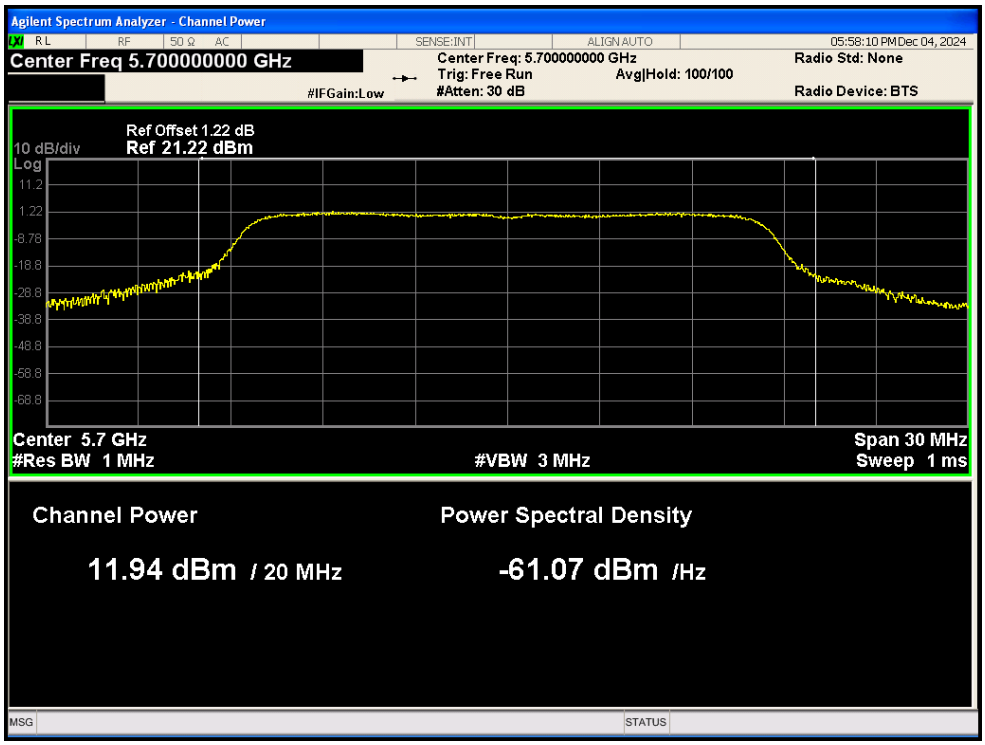
Power NVNT a 5500MHz Ant1



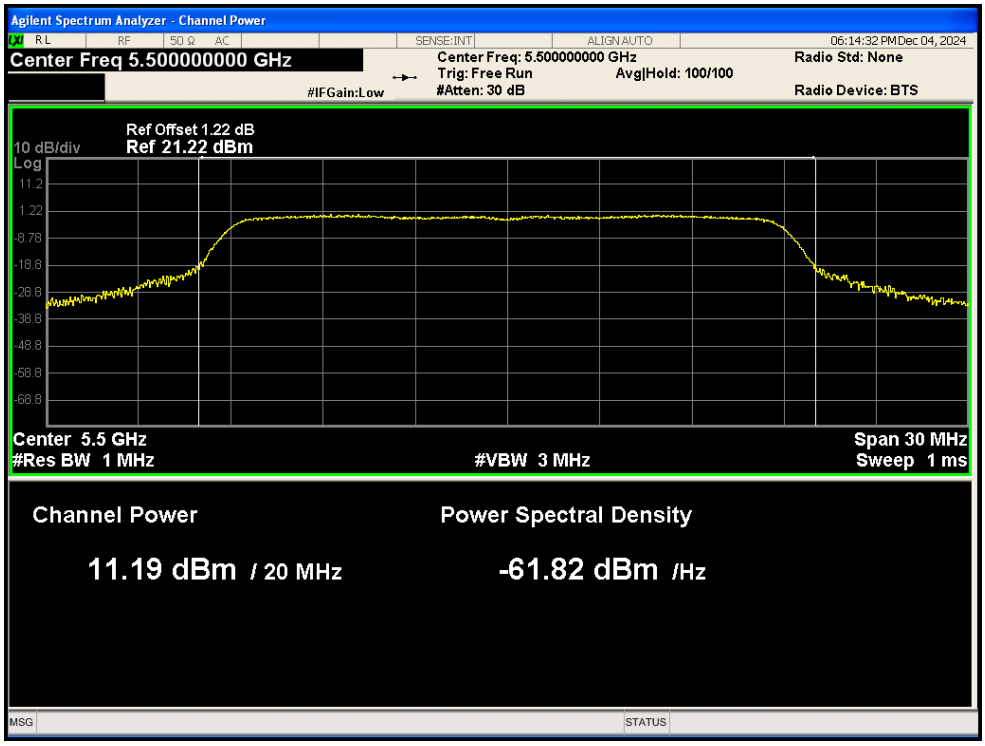
Power NVNT a 5600MHz Ant1



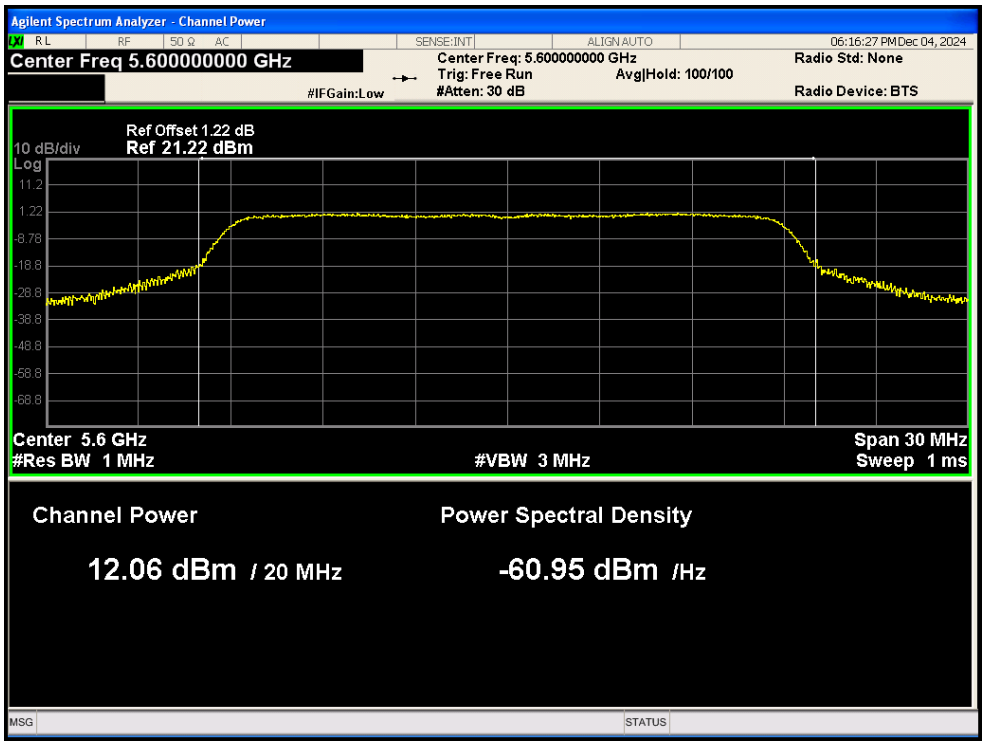
Power NVNT a 5700MHz Ant1



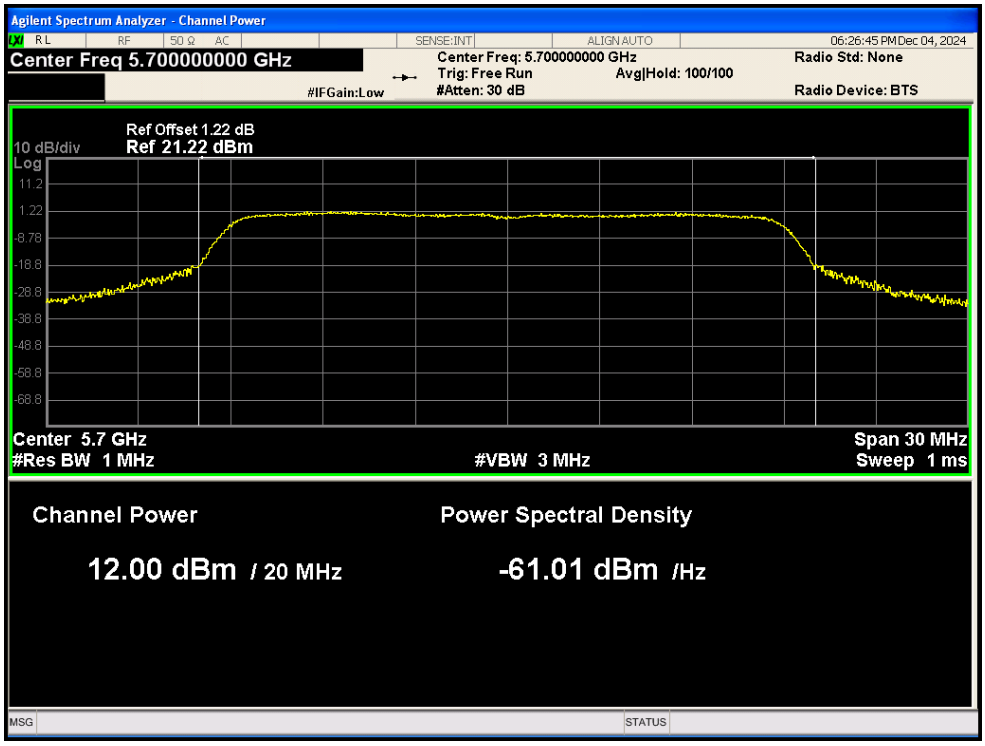
Power NVNT ac20 5500MHz Ant1



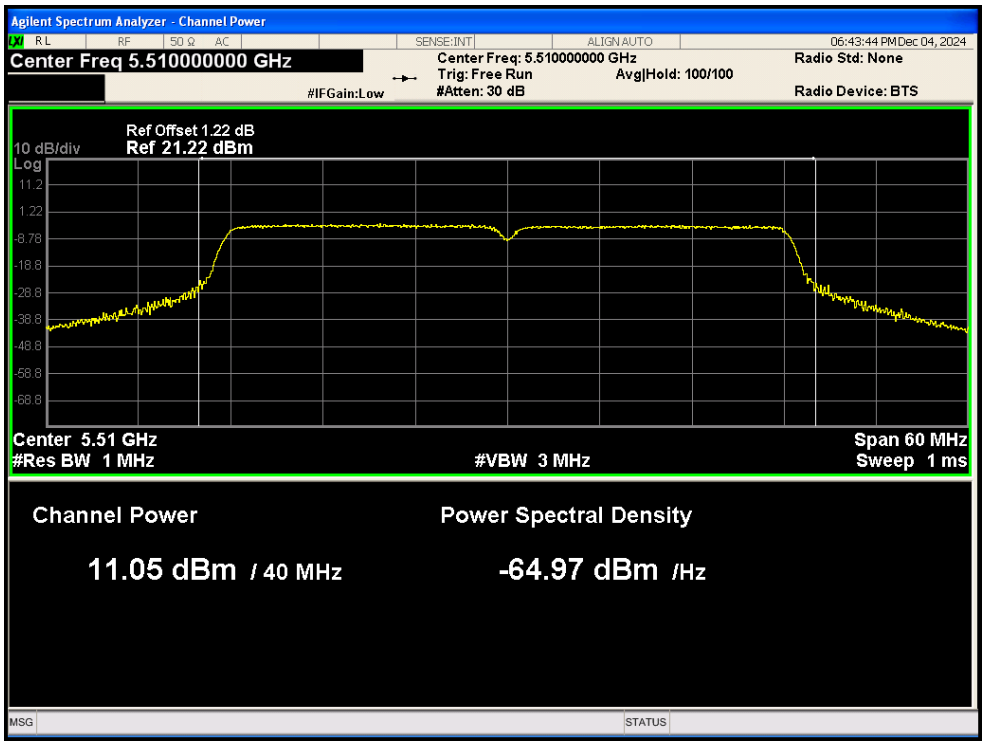
Power NVNT ac20 5600MHz Ant1



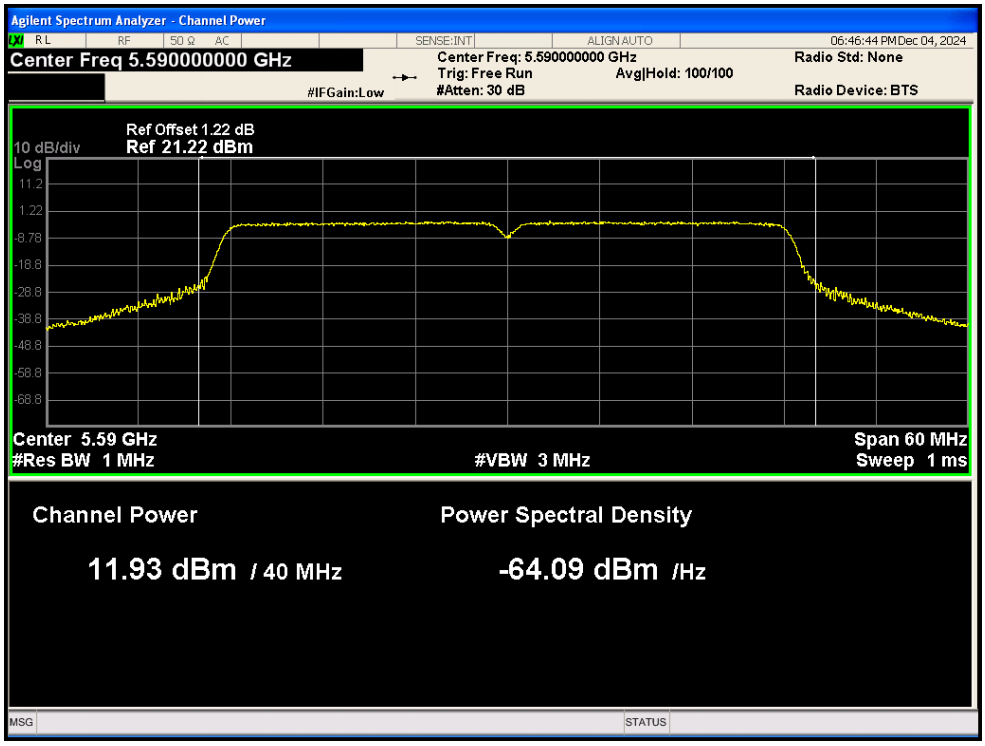
Power NVNT ac20 5700MHz Ant1



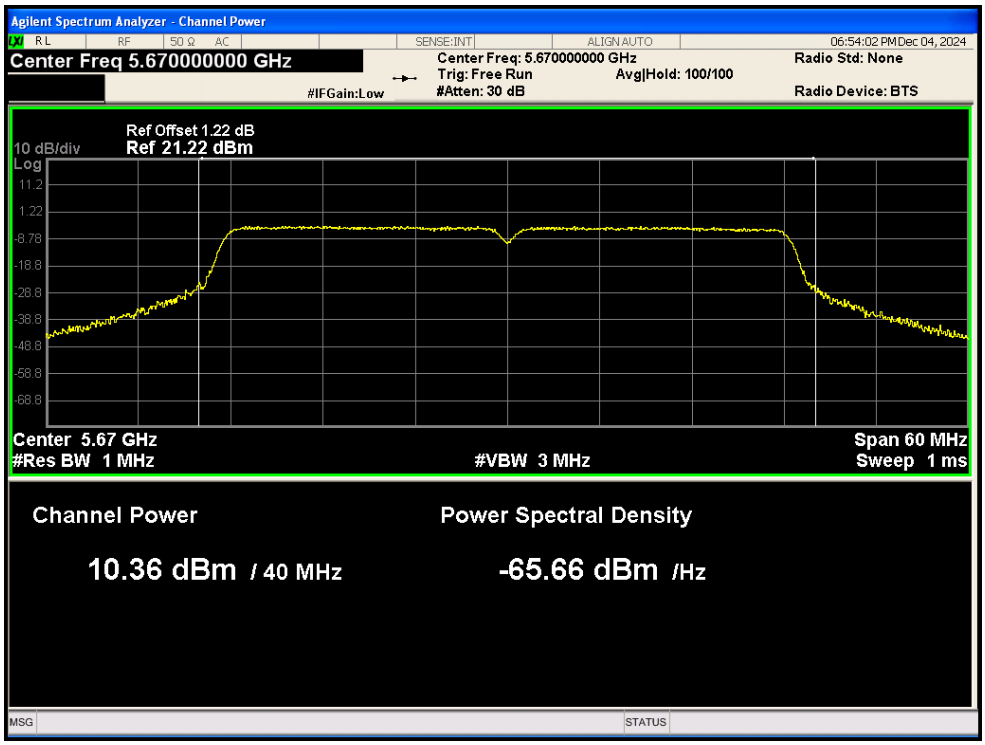
Power NVNT ac40 5510MHz Ant1



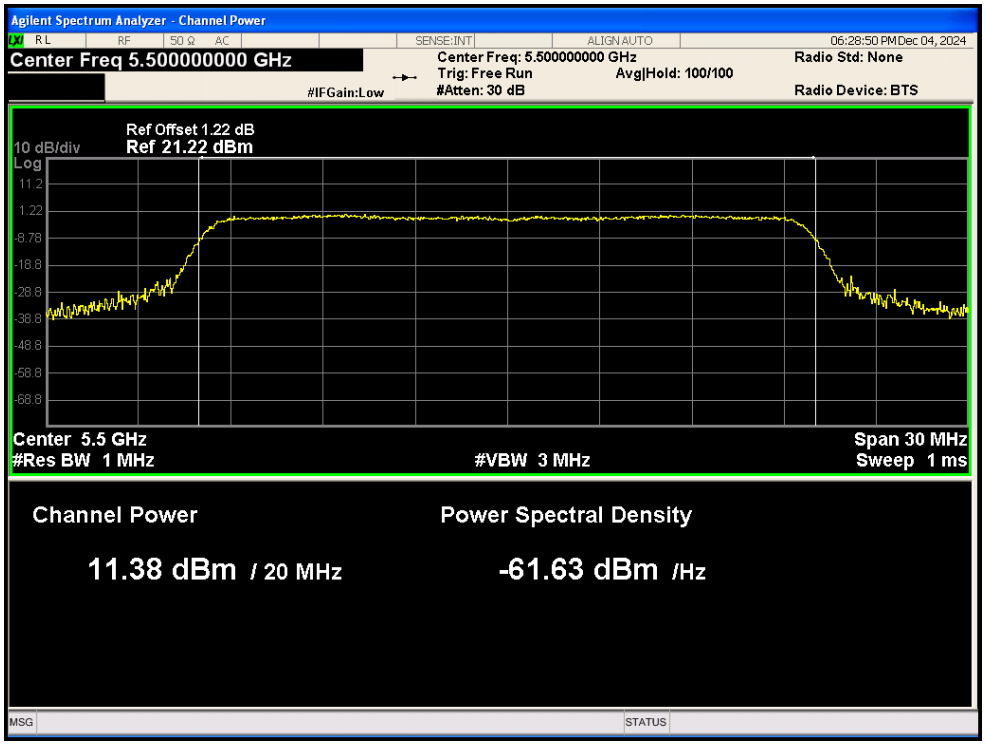
Power NVNT ac40 5590MHz Ant1



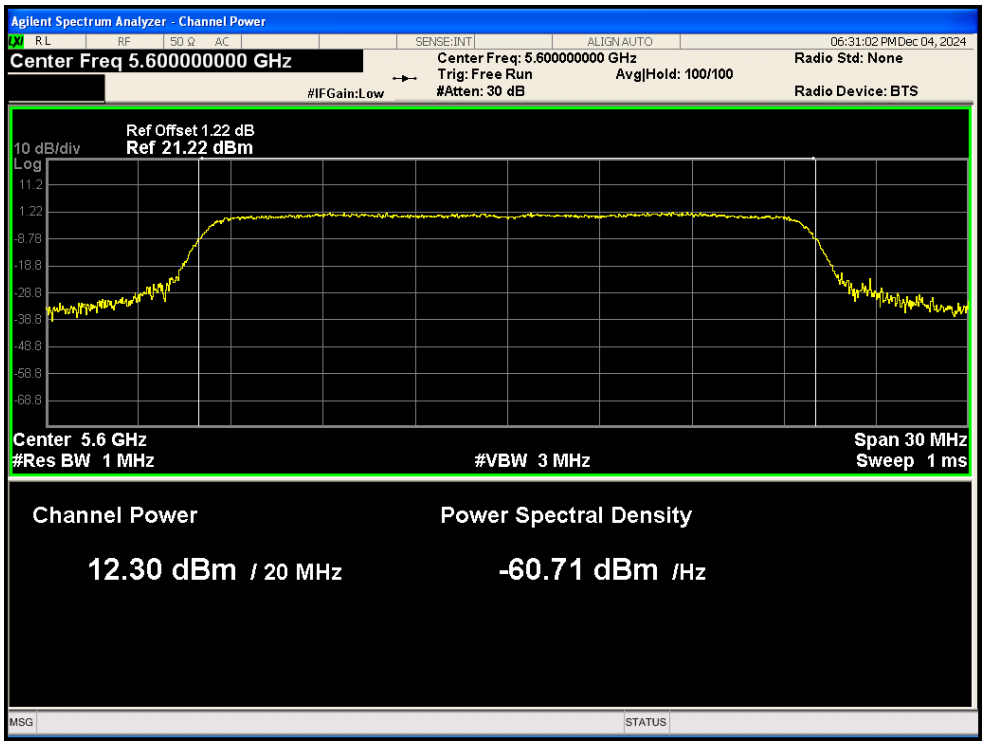
Power NVNT ac40 5670MHz Ant1



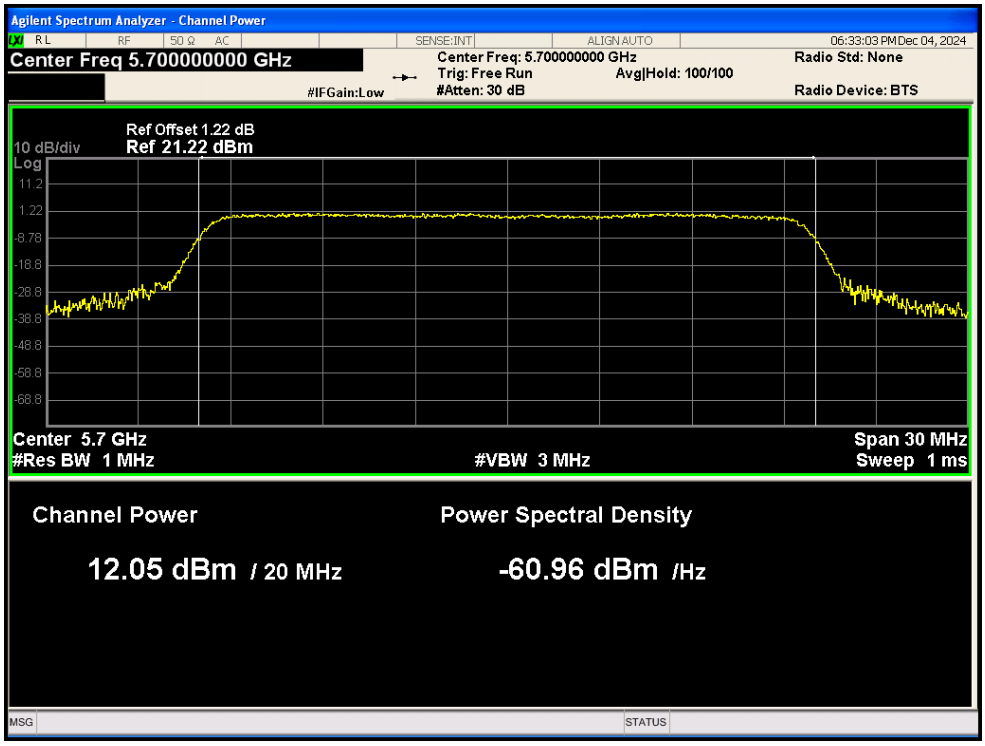
Power NVNT ax20 5500MHz Ant1



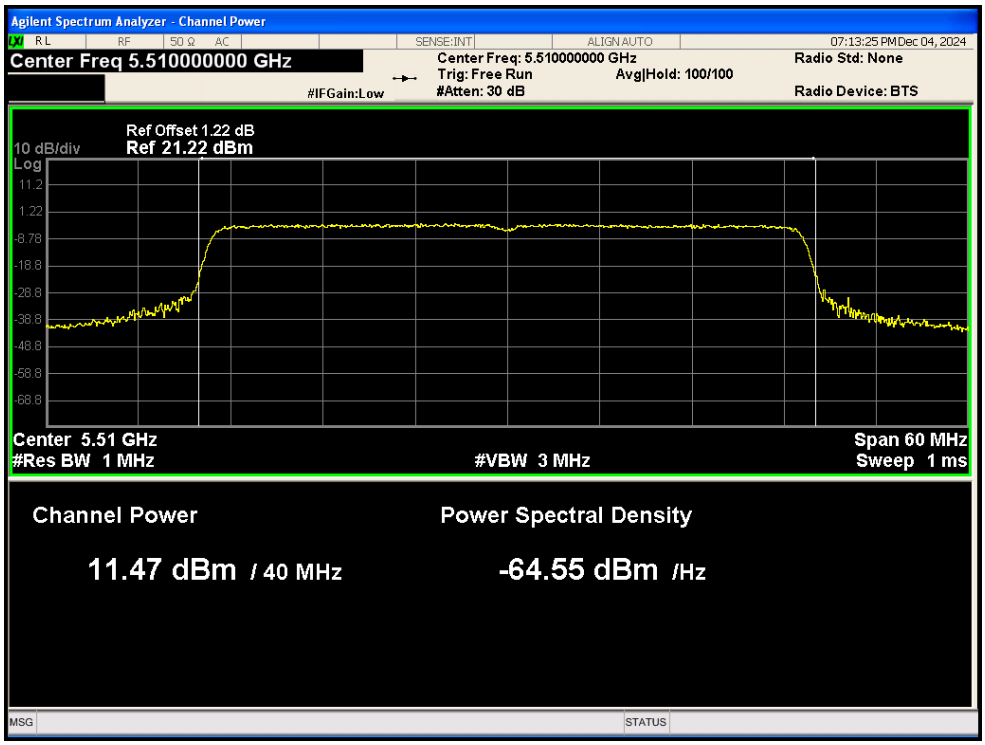
Power NVNT ax20 5600MHz Ant1



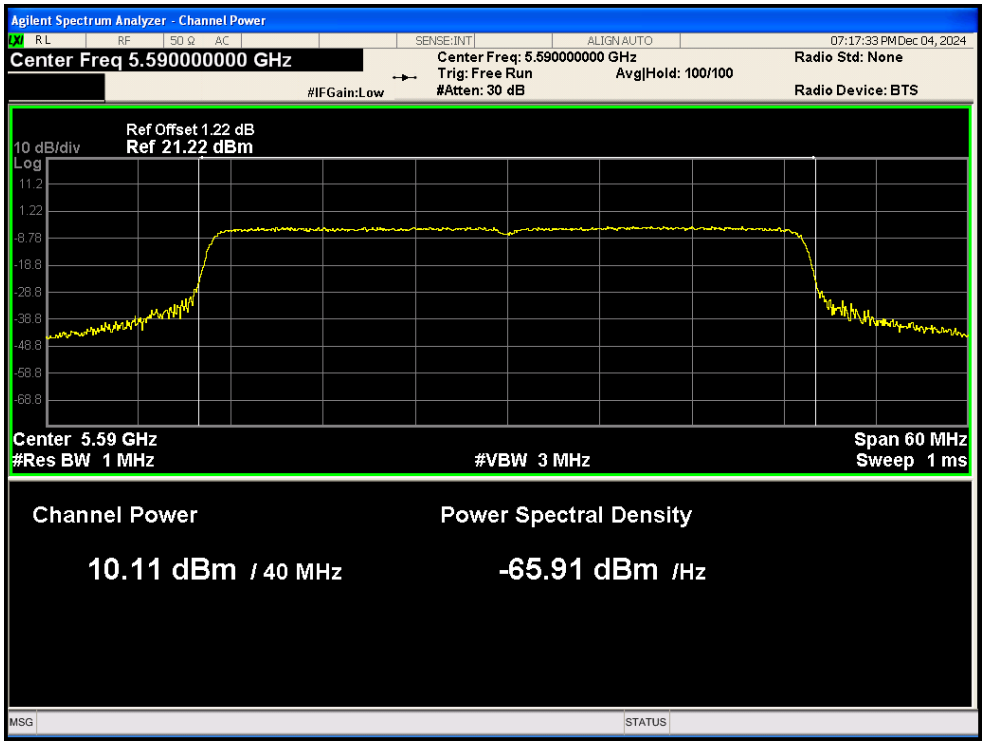
Power NVNT ax20 5700MHz Ant1



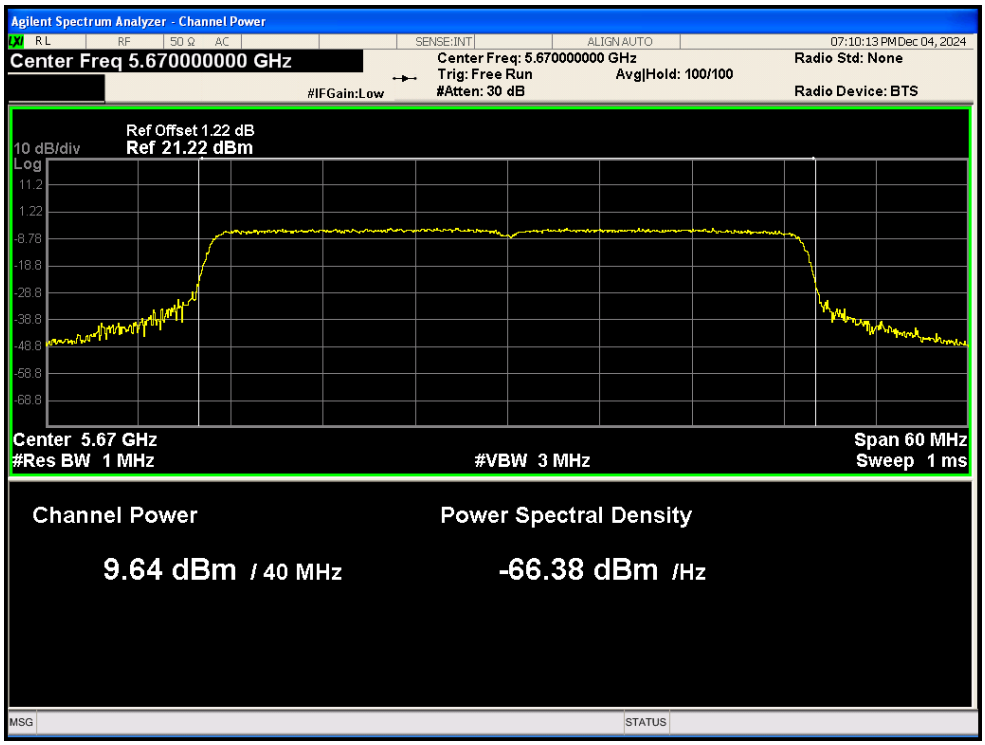
Power NVNT ax40 5510MHz Ant1



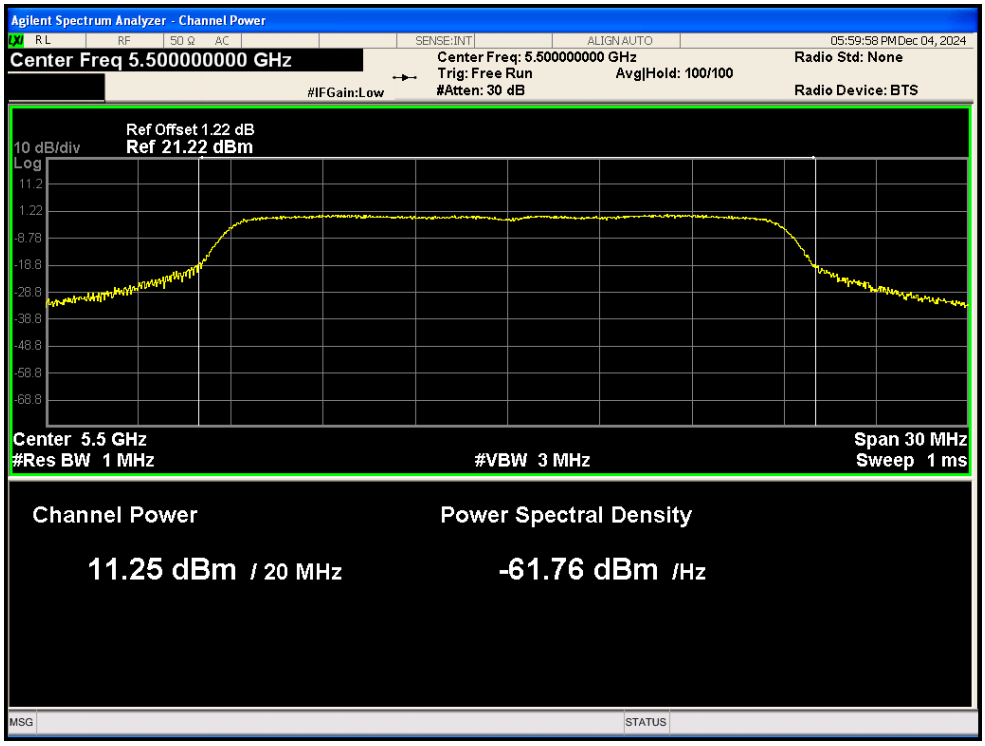
Power NVNT ax40 5590MHz Ant1



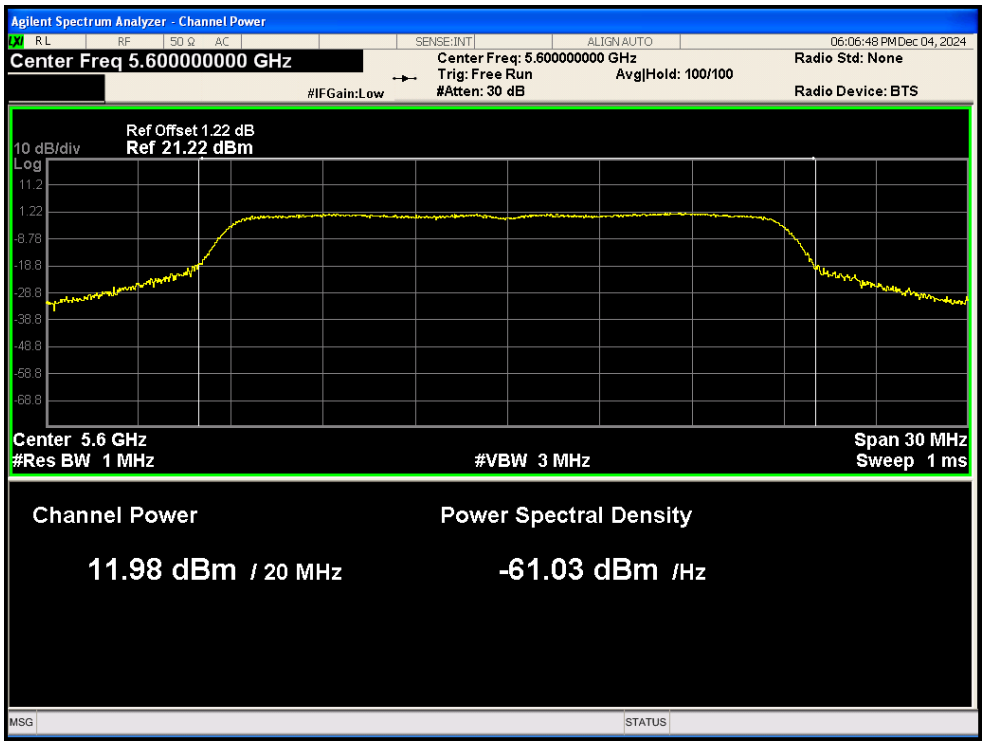
Power NVNT ax40 5670MHz Ant1



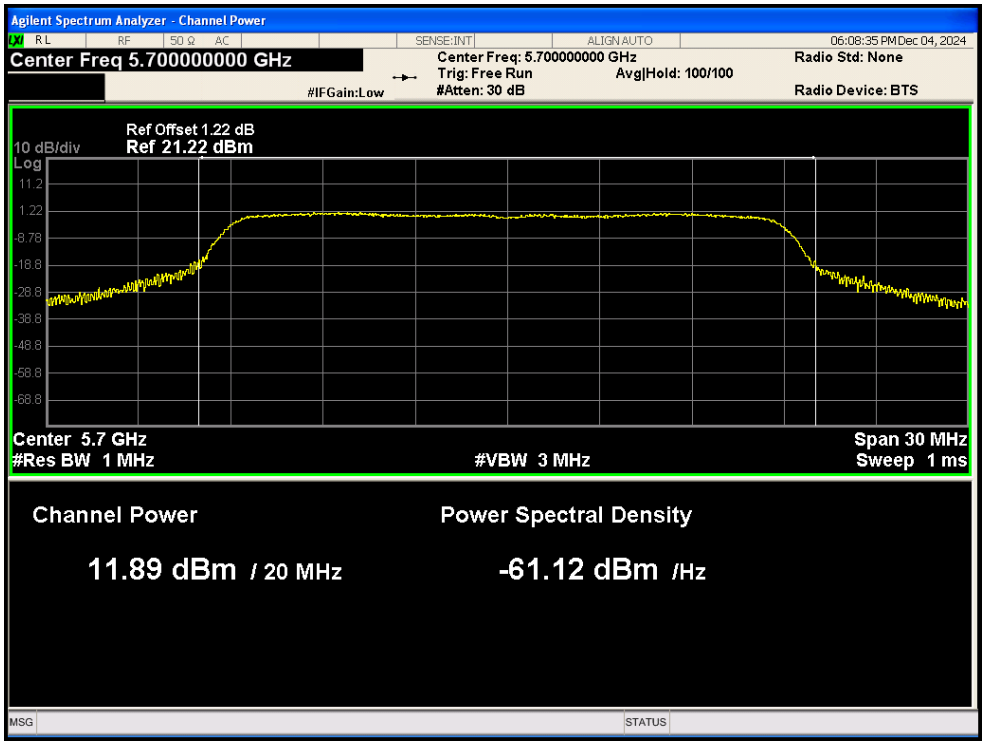
Power NVNT n20 5500MHz Ant1



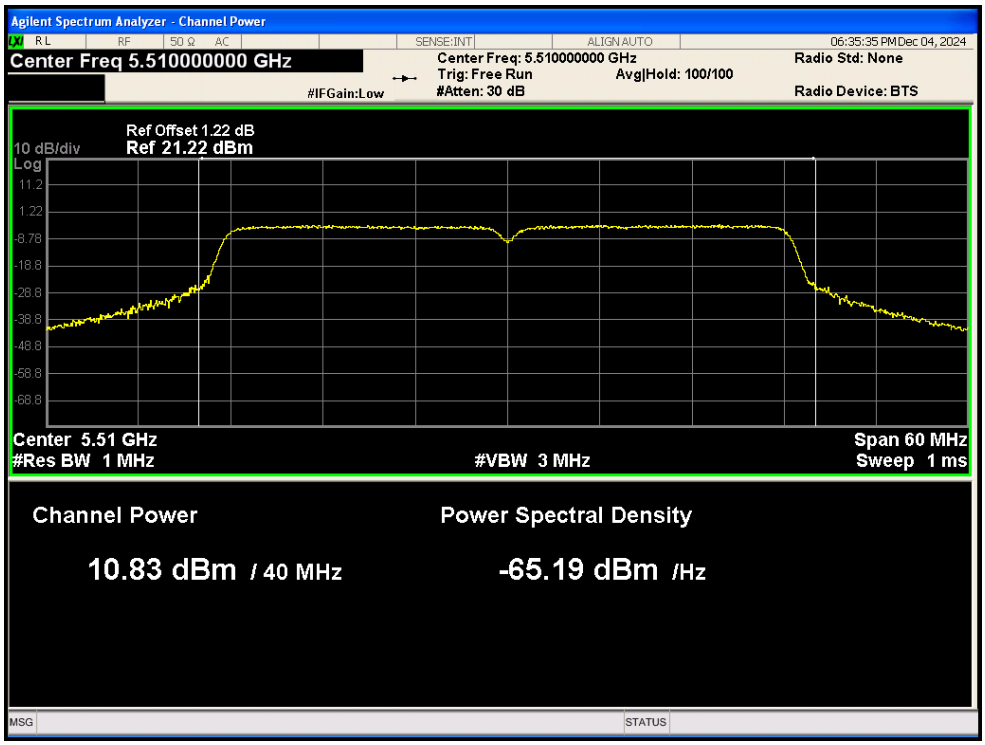
Power NVNT n20 5600MHz Ant1



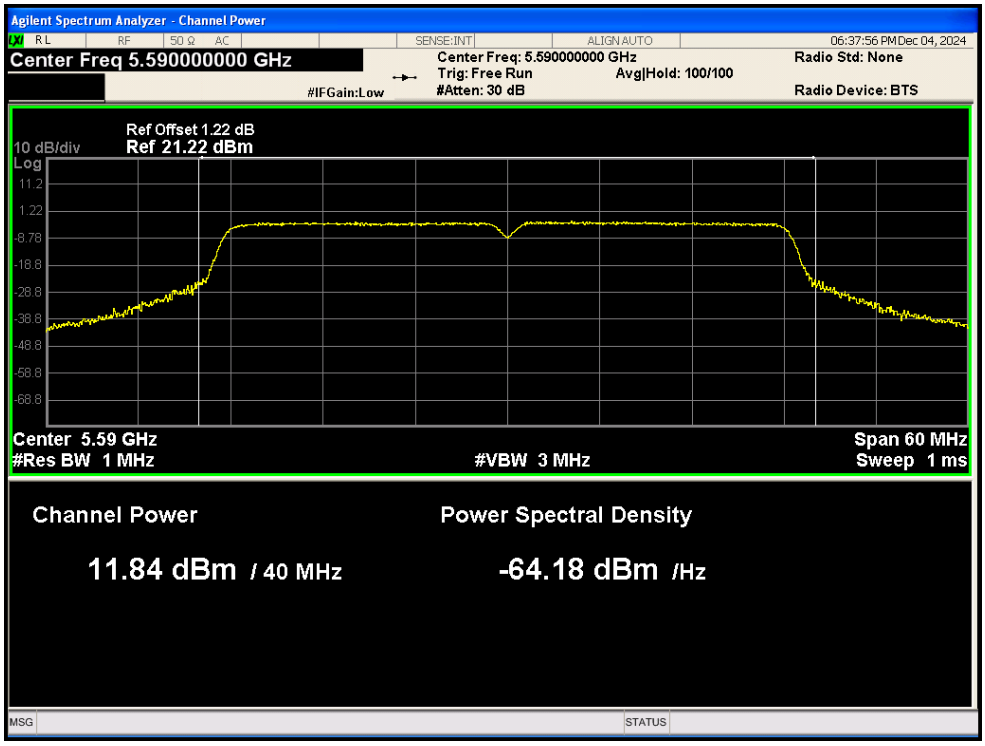
Power NVNT n20 5700MHz Ant1



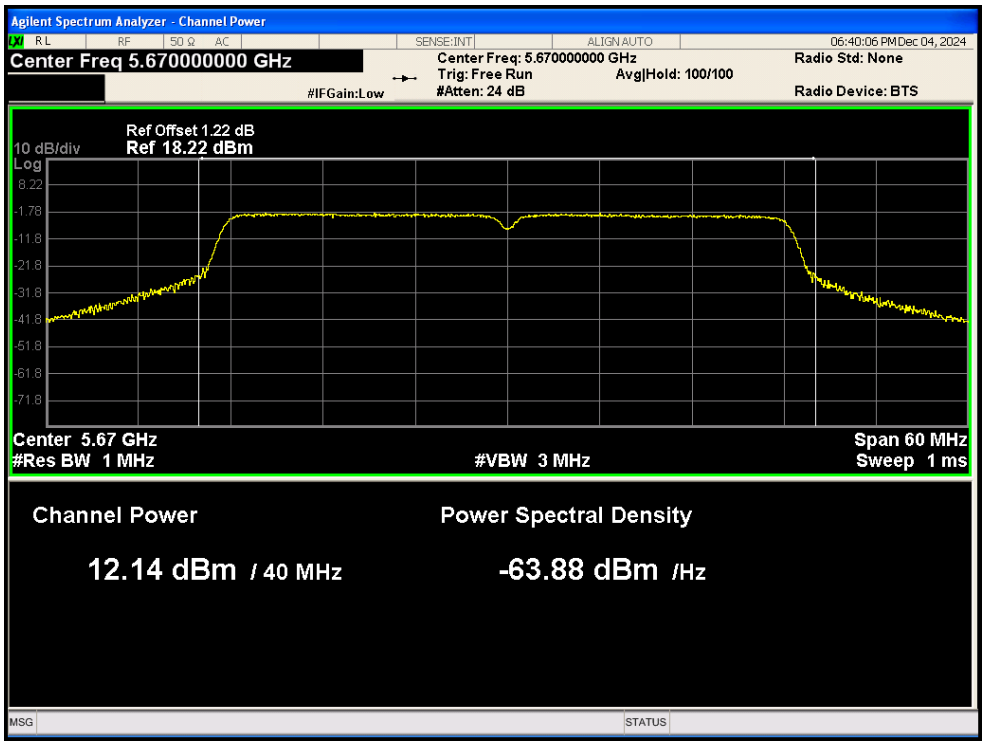
Power NVNT n40 5510MHz Ant1



Power NVNT n40 5590MHz Ant1



Power NVNT n40 5670MHz Ant1

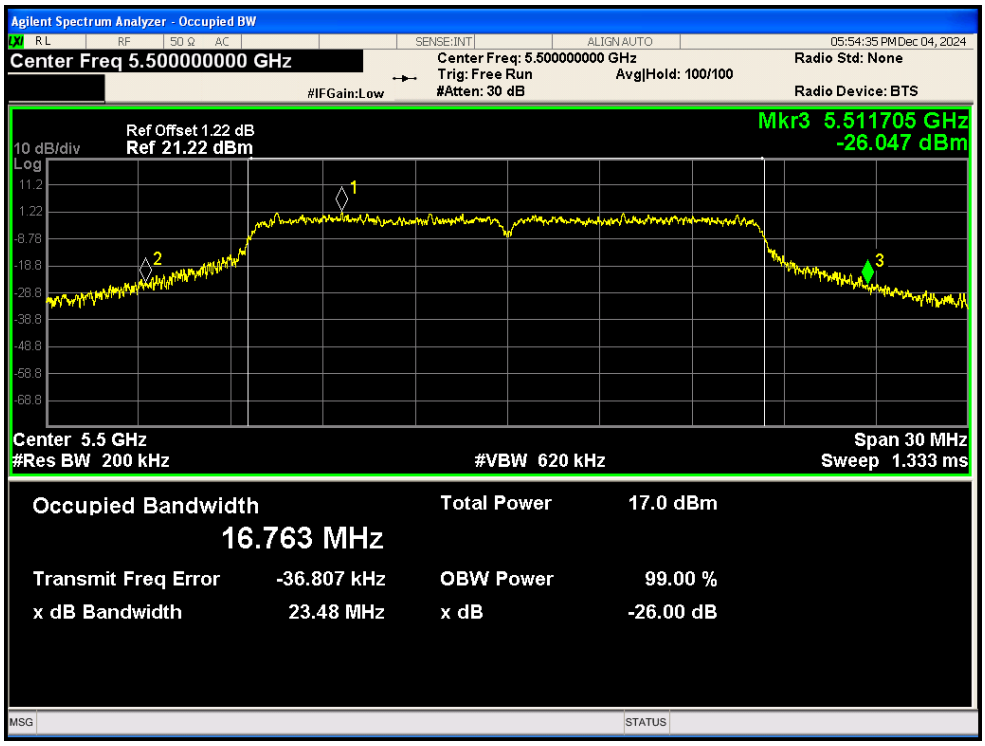


-26dB Bandwidth

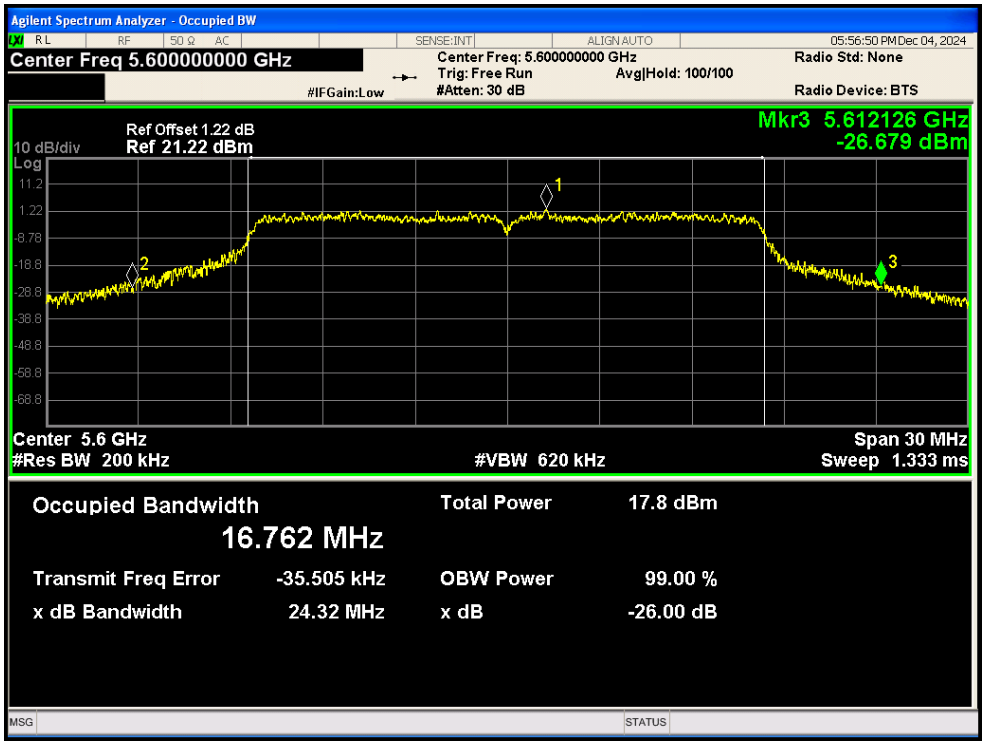
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	23.484	0.5	Pass
NVNT	a	5600	Ant1	24.323	0.5	Pass
NVNT	a	5700	Ant1	23.529	0.5	Pass
NVNT	ac20	5500	Ant1	24.002	0.5	Pass
NVNT	ac20	5600	Ant1	24.734	0.5	Pass
NVNT	ac20	5700	Ant1	24.98	0.5	Pass

NVNT	ac40	5510	Ant1	48.572	0.5	Pass
NVNT	ac40	5590	Ant1	46.931	0.5	Pass
NVNT	ac40	5670	Ant1	47.914	0.5	Pass
NVNT	ax20	5500	Ant1	24.893	0.5	Pass
NVNT	ax20	5600	Ant1	25.289	0.5	Pass
NVNT	ax20	5700	Ant1	25.497	0.5	Pass
NVNT	ax40	5510	Ant1	44.95	0.5	Pass
NVNT	ax40	5590	Ant1	45.772	0.5	Pass
NVNT	ax40	5670	Ant1	45.689	0.5	Pass
NVNT	n20	5500	Ant1	24.311	0.5	Pass
NVNT	n20	5600	Ant1	24.724	0.5	Pass
NVNT	n20	5700	Ant1	24.268	0.5	Pass
NVNT	n40	5510	Ant1	47.385	0.5	Pass
NVNT	n40	5590	Ant1	46.874	0.5	Pass
NVNT	n40	5670	Ant1	47.08	0.5	Pass

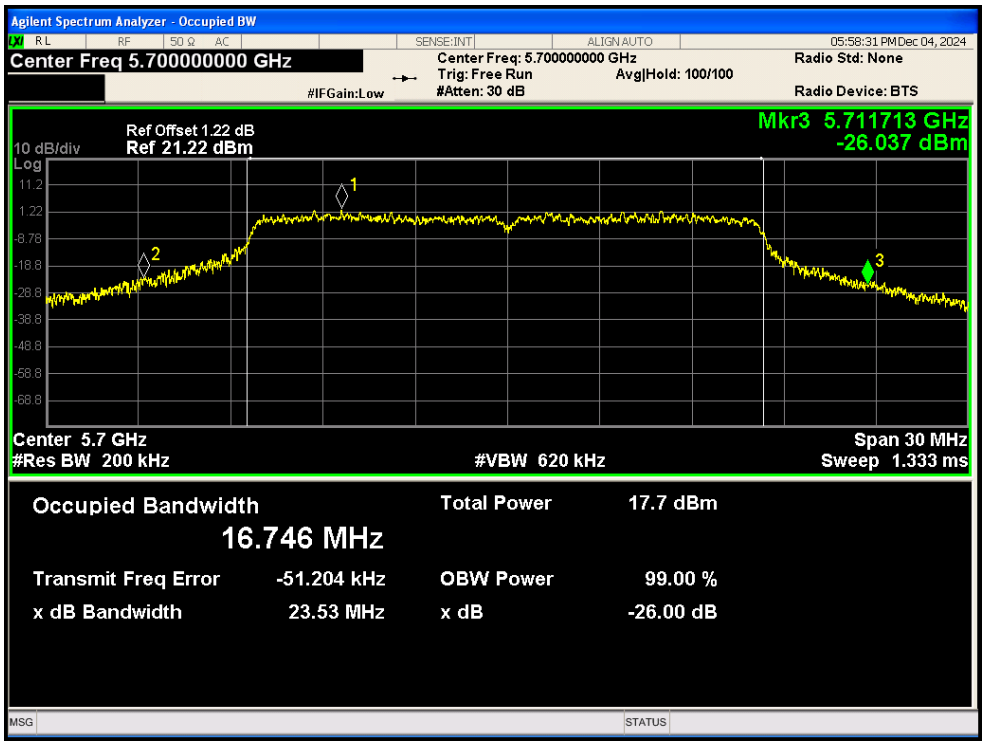
-26dB Bandwidth NVNT a 5500MHz Ant1



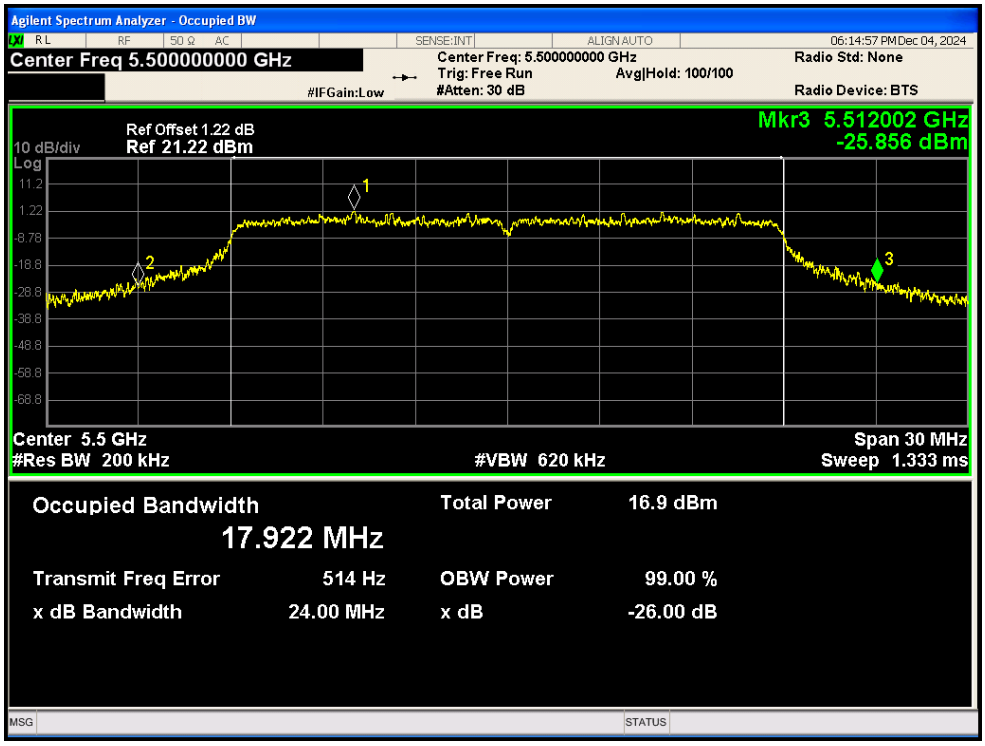
-26dB Bandwidth NVNT a 5600MHz Ant1



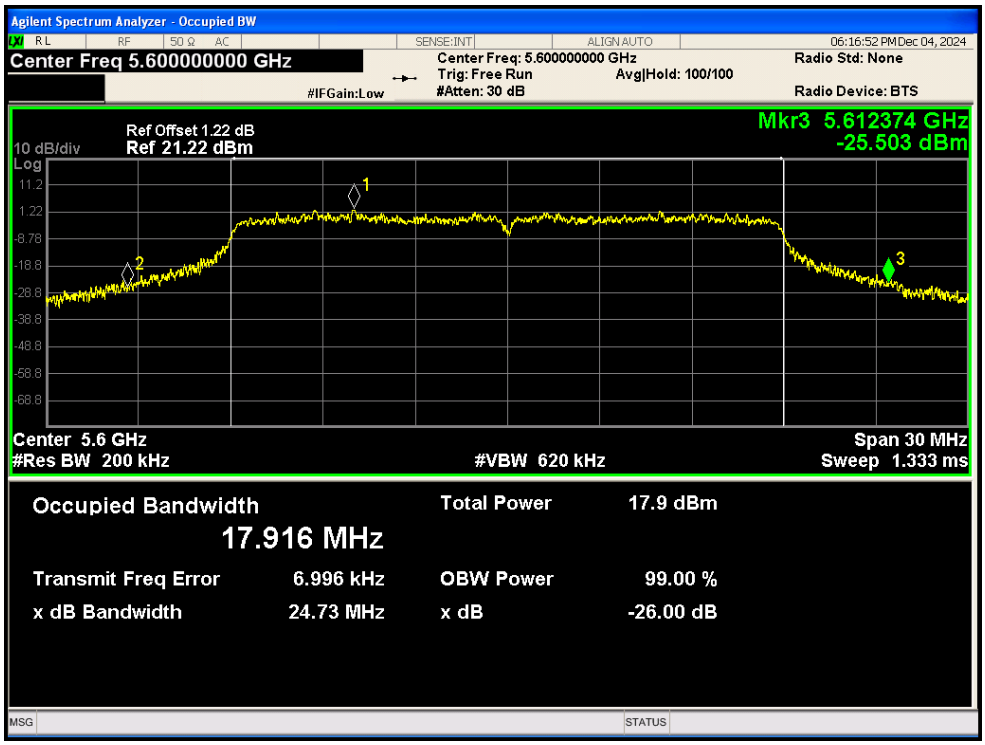
-26dB Bandwidth NVNT a 5700MHz Ant1



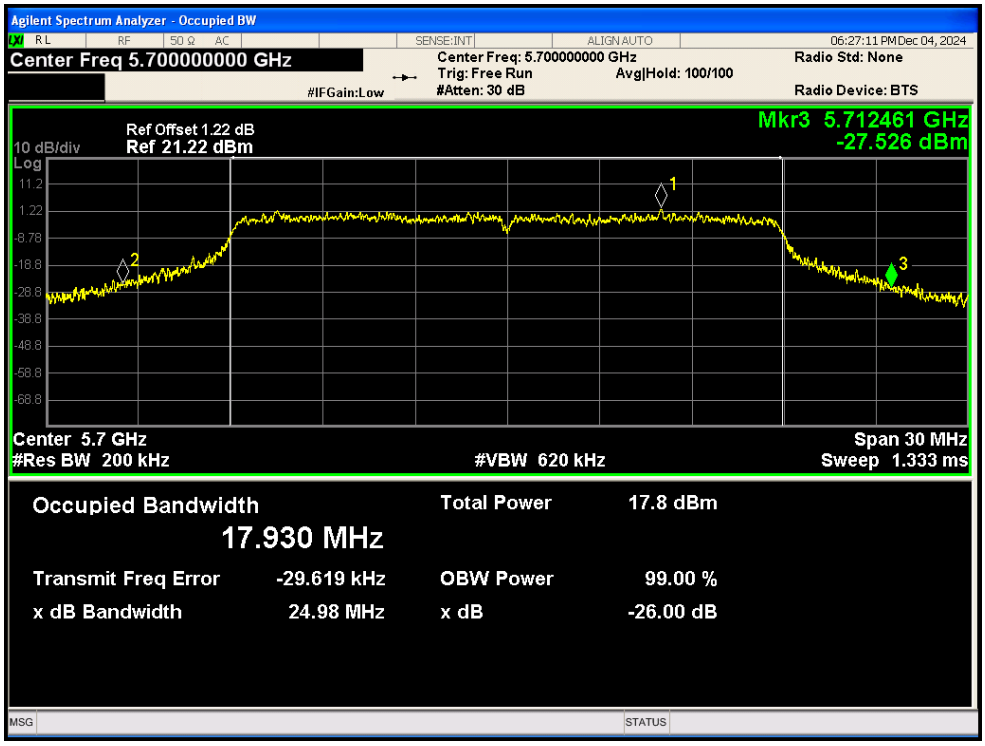
-26dB Bandwidth NVNT ac20 5500MHz Ant1



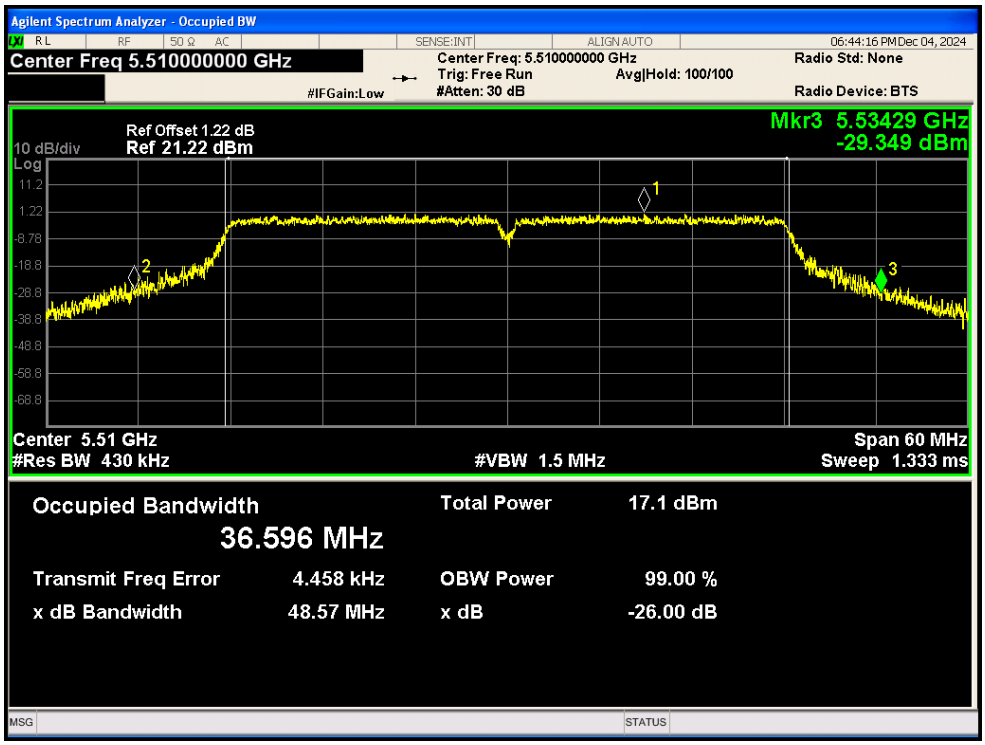
-26dB Bandwidth NVNT ac20 5600MHz Ant1



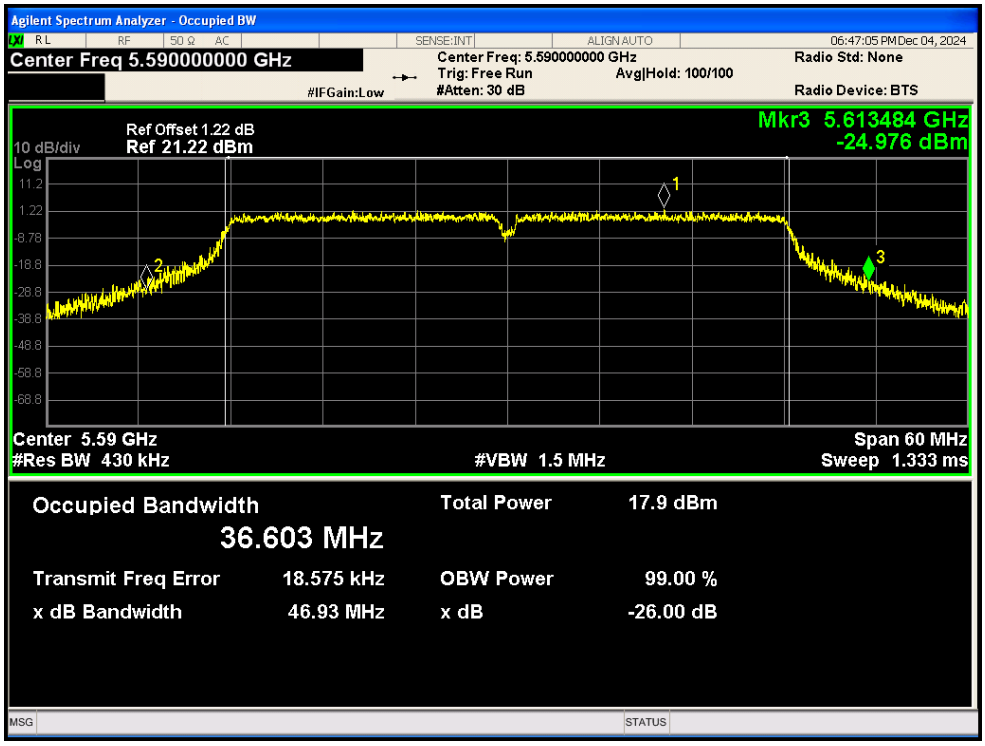
-26dB Bandwidth NVNT ac20 5700MHz Ant1



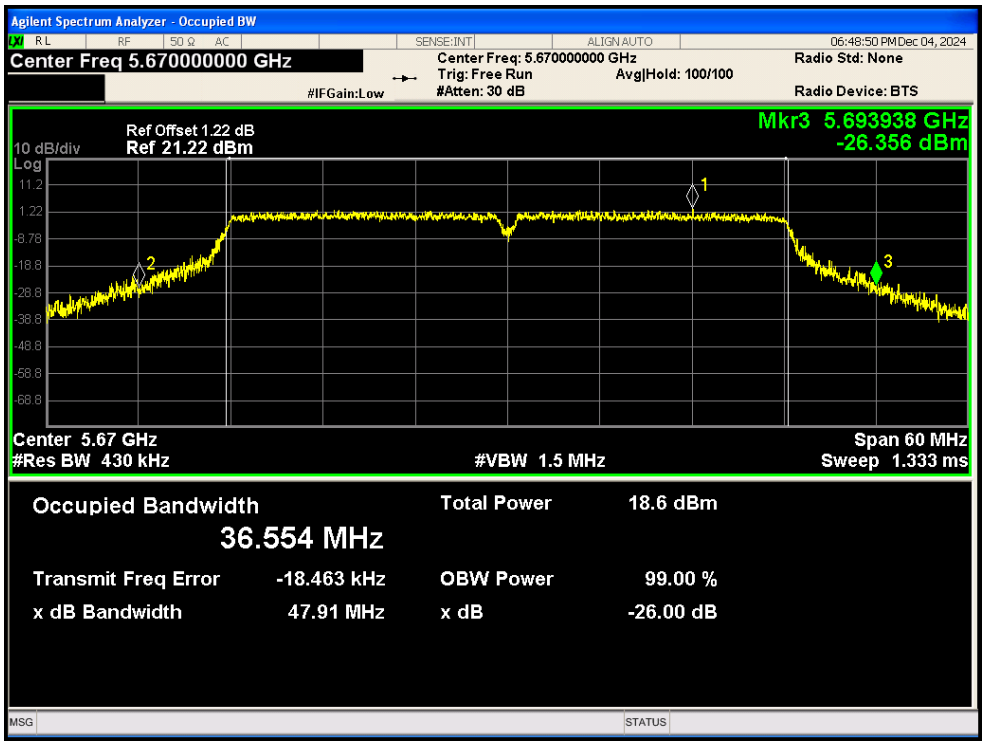
-26dB Bandwidth NVNT ac40 5510MHz Ant1



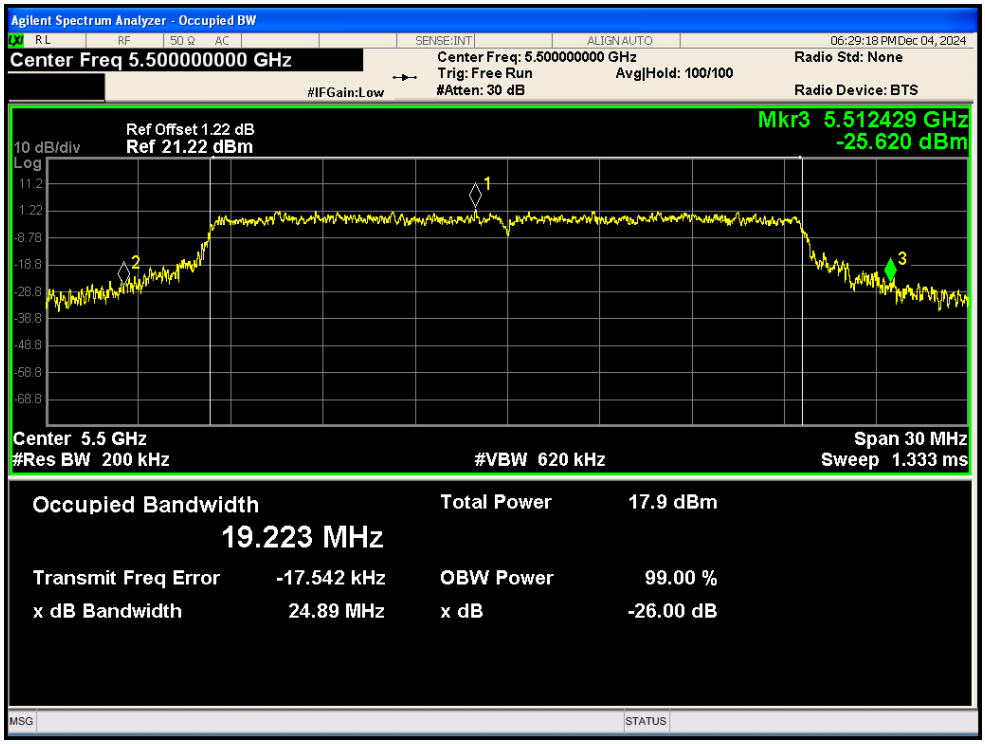
-26dB Bandwidth NVNT ac40 5590MHz Ant1



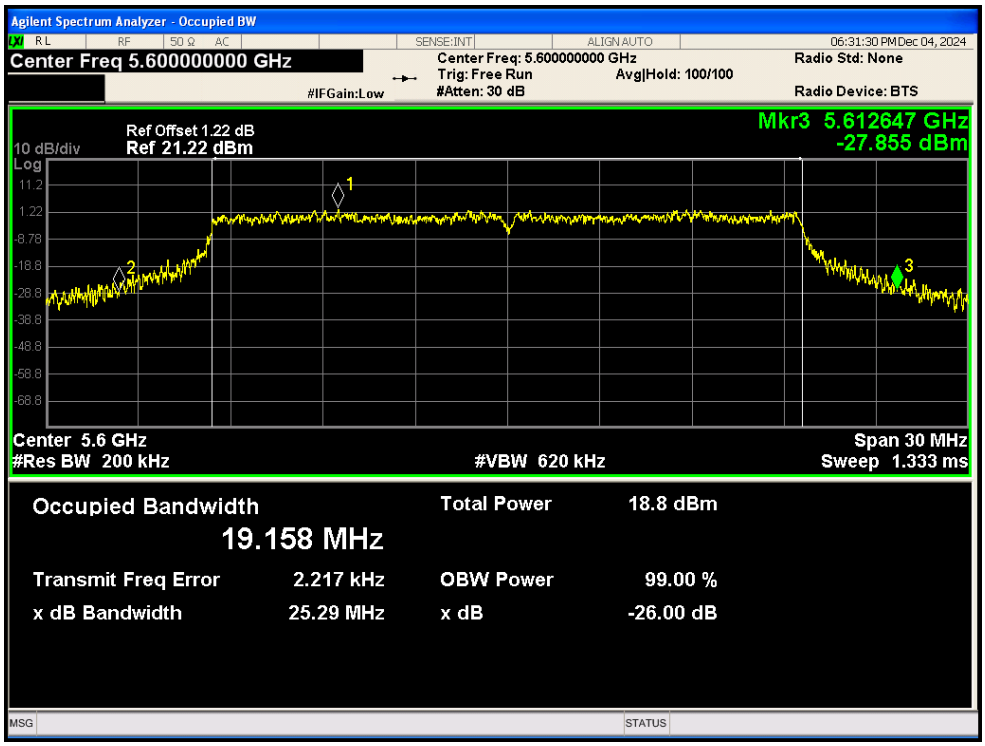
-26dB Bandwidth NVNT ac40 5670MHz Ant1



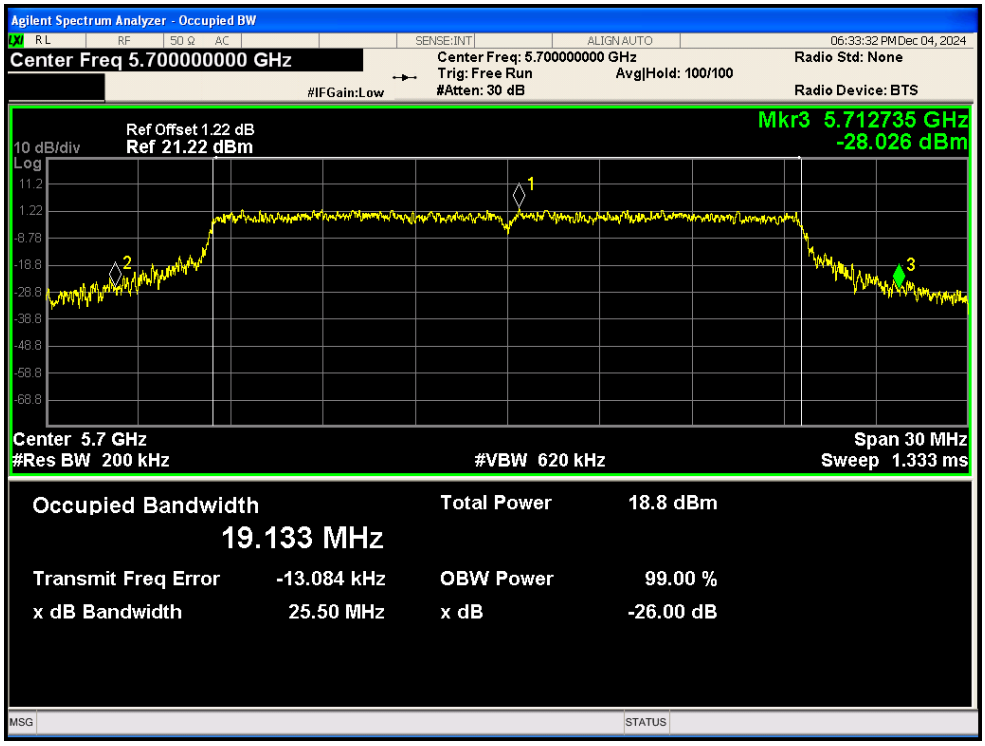
-26dB Bandwidth NVNT ax20 5500MHz Ant1



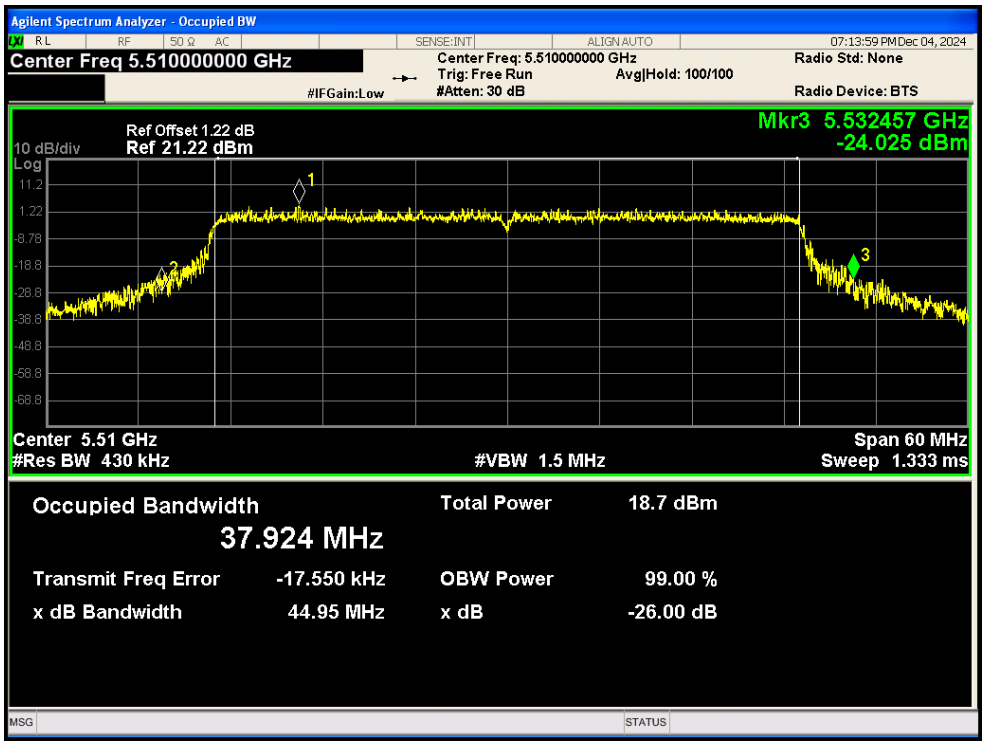
-26dB Bandwidth NVNT ax20 5600MHz Ant1



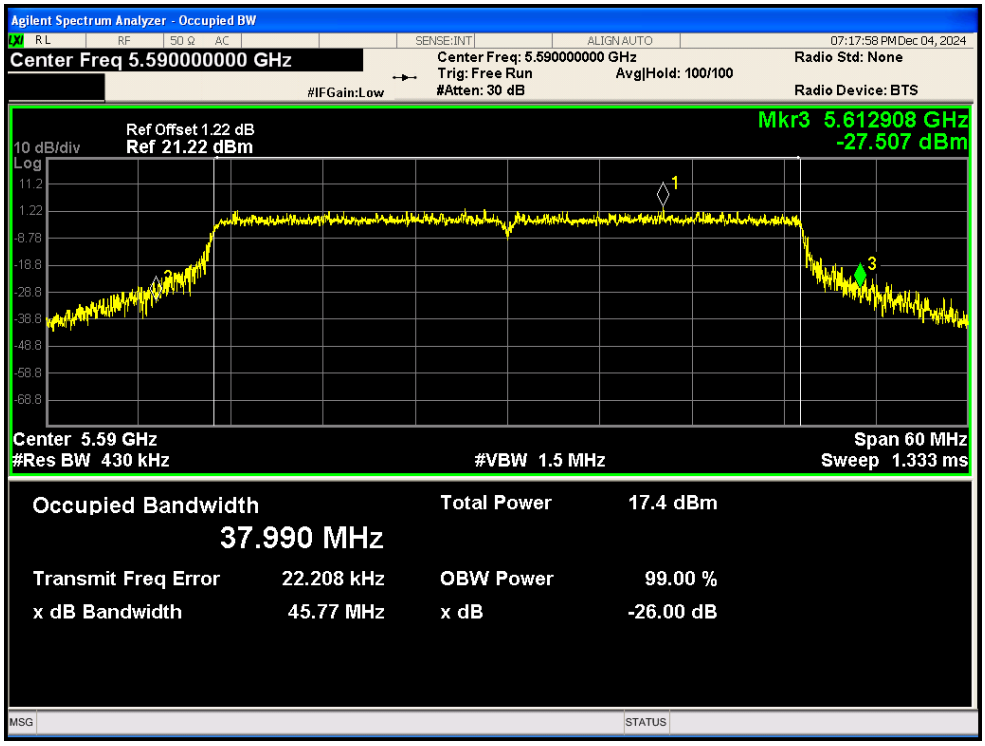
-26dB Bandwidth NVNT ax20 5700MHz Ant1



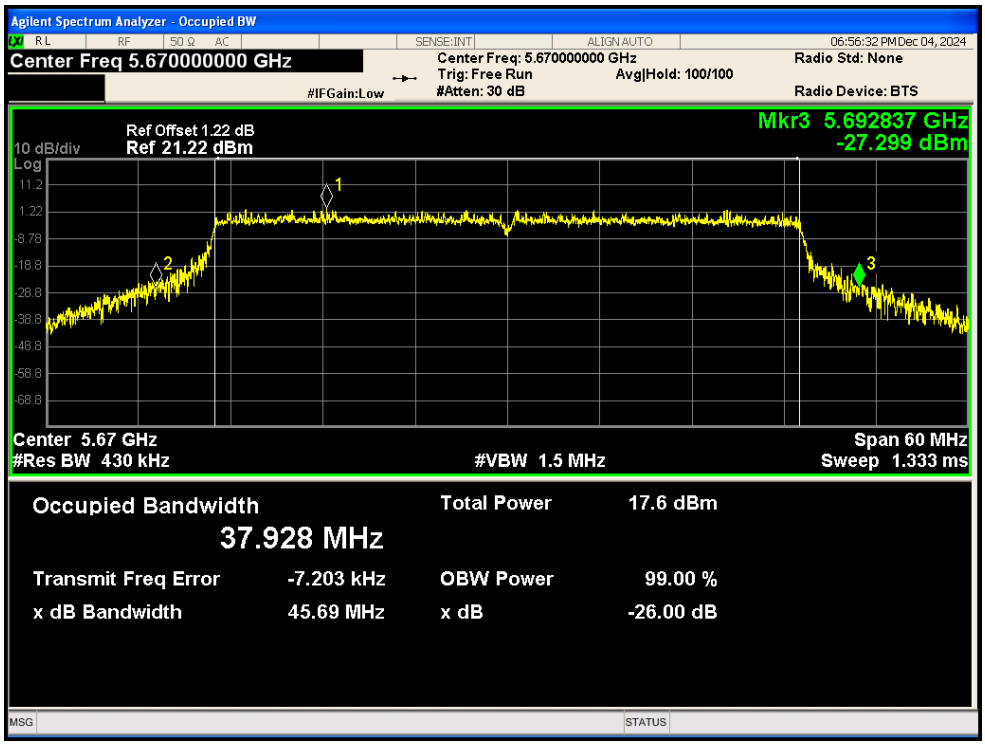
-26dB Bandwidth NVNT ax40 5510MHz Ant1



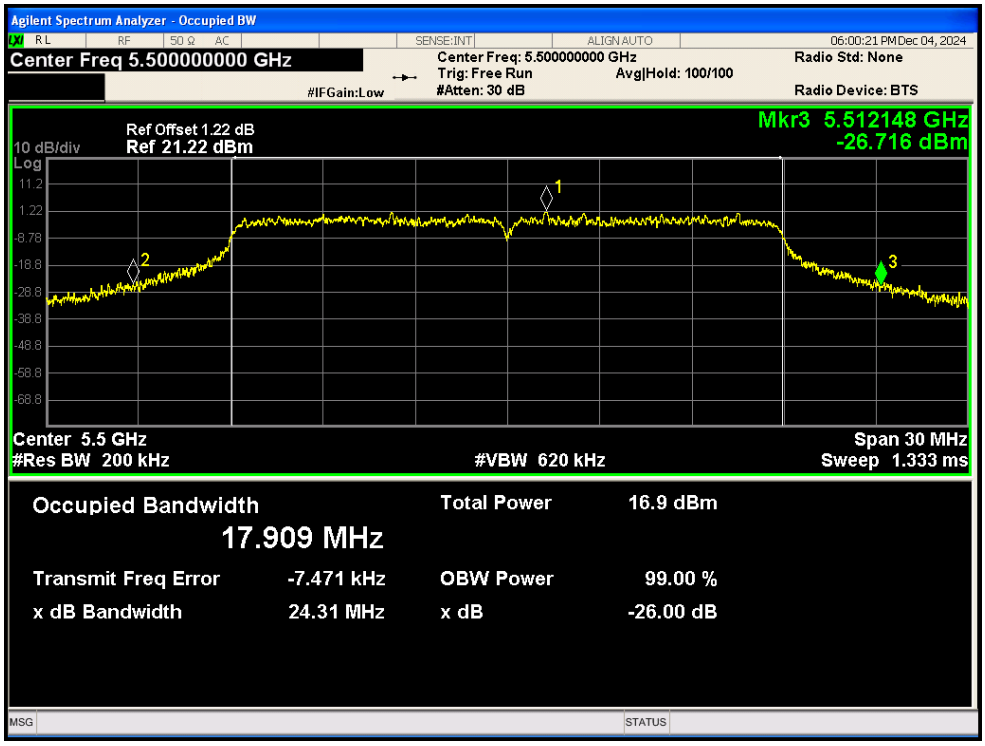
-26dB Bandwidth NVNT ax40 5590MHz Ant1



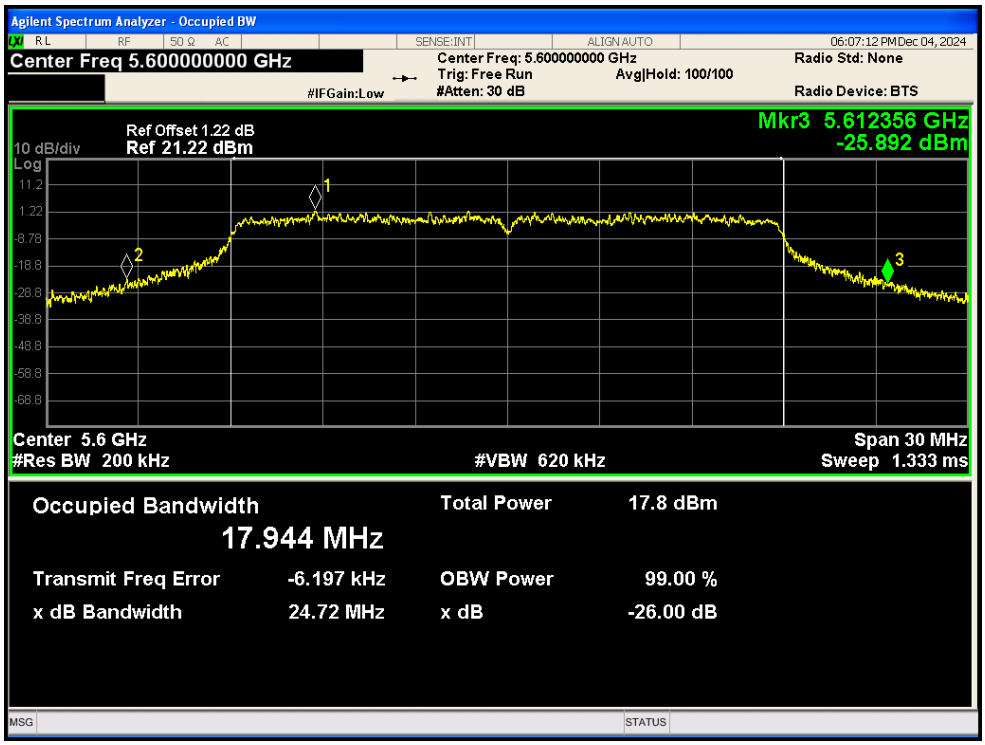
-26dB Bandwidth NVNT ax40 5670MHz Ant1



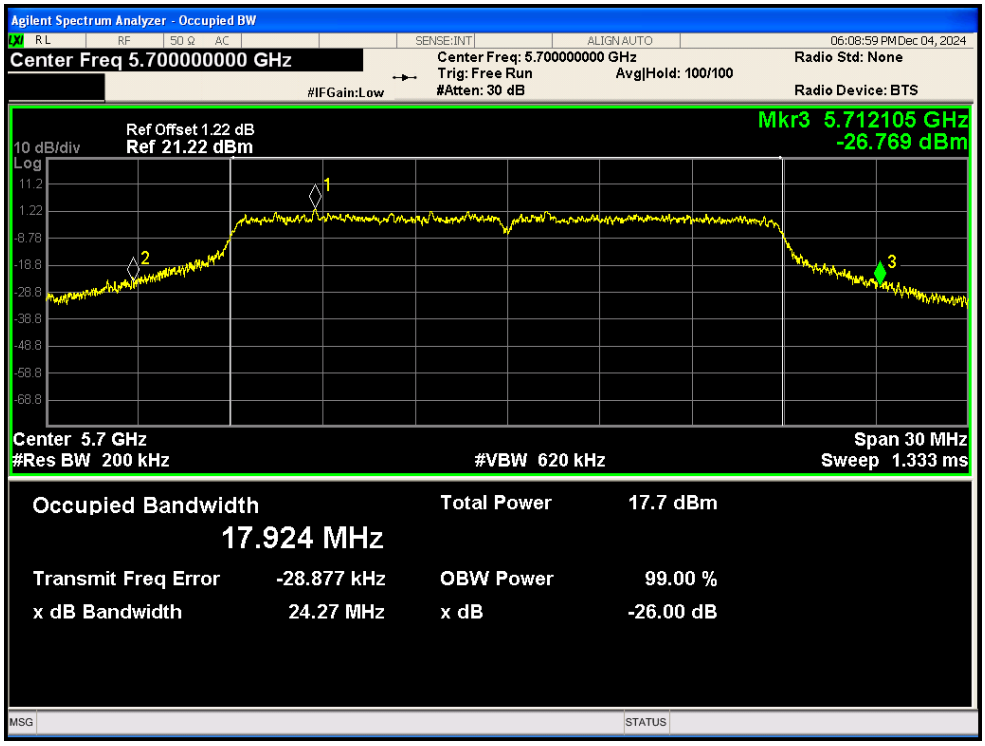
-26dB Bandwidth NVNT n20 5500MHz Ant1



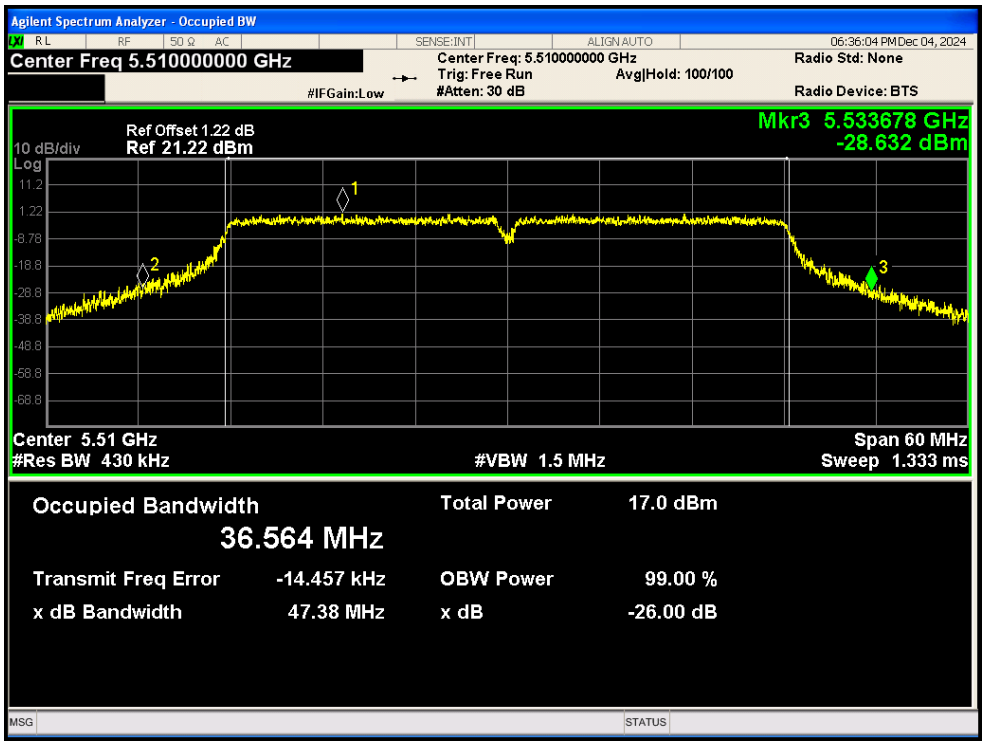
-26dB Bandwidth NVNT n20 5600MHz Ant1



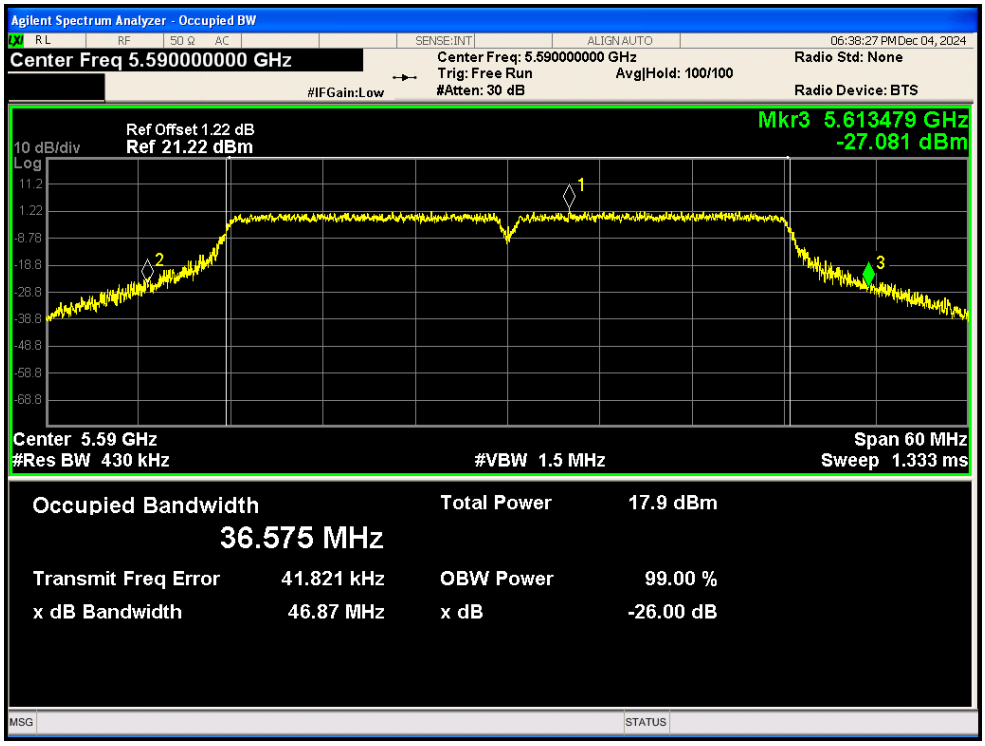
-26dB Bandwidth NVNT n20 5700MHz Ant1



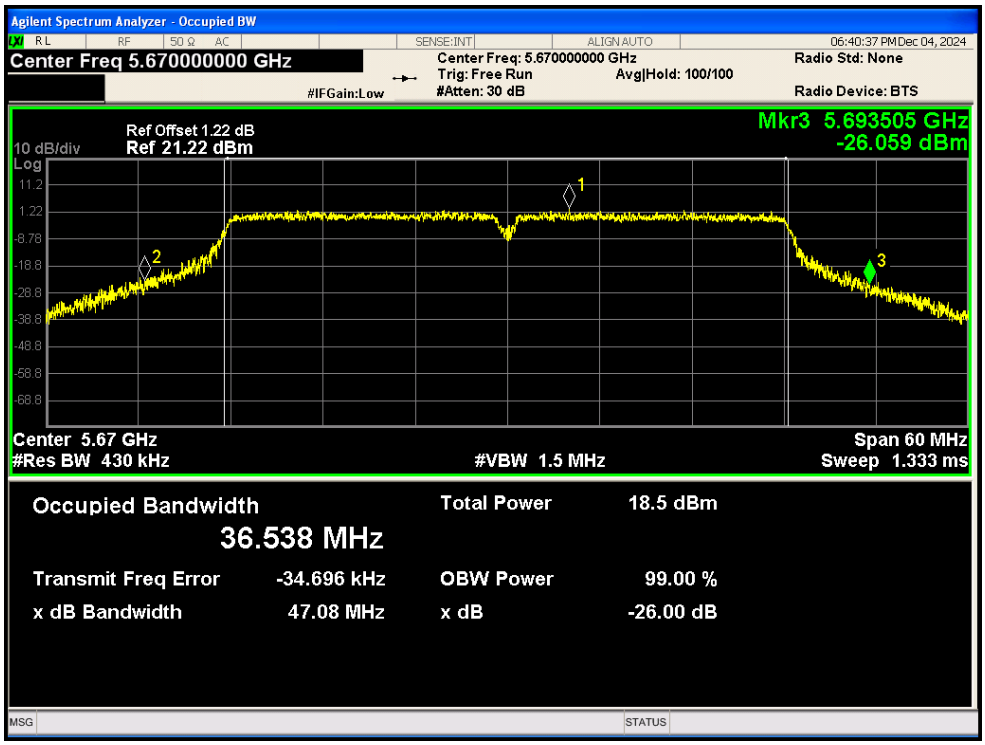
-26dB Bandwidth NVNT n40 5510MHz Ant1



-26dB Bandwidth NVNT n40 5590MHz Ant1



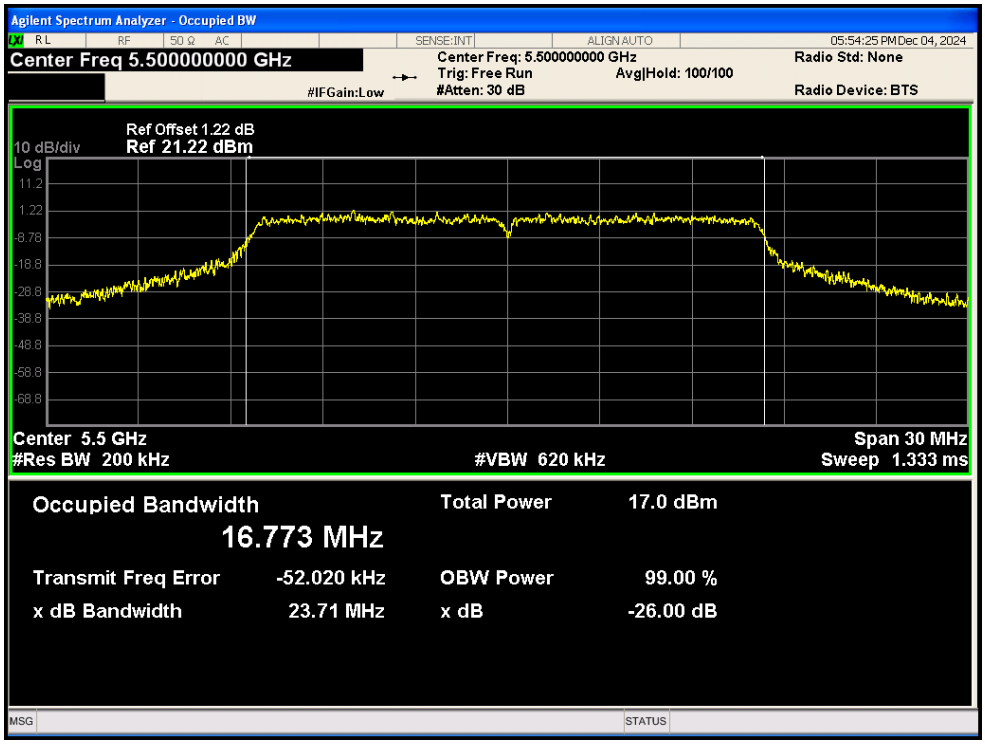
-26dB Bandwidth NVNT n40 5670MHz Ant1



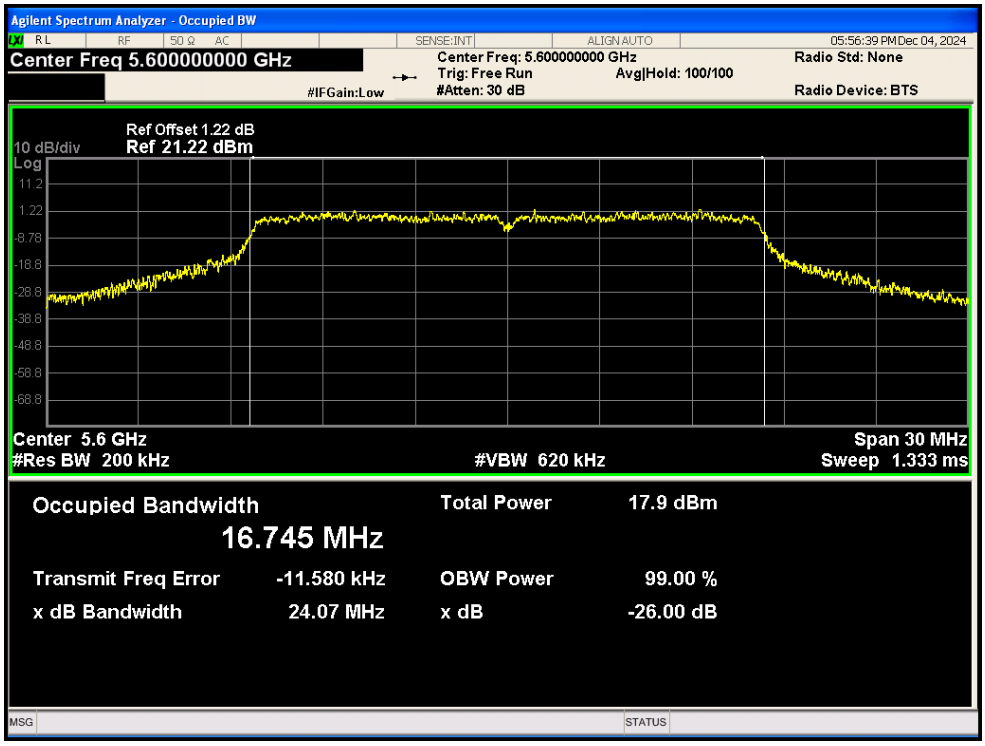
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.773
NVNT	a	5600	Ant1	16.745
NVNT	a	5700	Ant1	16.774
NVNT	ac20	5500	Ant1	17.967
NVNT	ac20	5600	Ant1	17.935
NVNT	ac20	5700	Ant1	17.899
NVNT	ac40	5510	Ant1	36.556
NVNT	ac40	5590	Ant1	36.617
NVNT	ac40	5670	Ant1	36.527
NVNT	ax20	5500	Ant1	19.149
NVNT	ax20	5600	Ant1	19.158
NVNT	ax20	5700	Ant1	19.153
NVNT	ax40	5510	Ant1	37.912
NVNT	ax40	5590	Ant1	37.89
NVNT	ax40	5670	Ant1	37.955
NVNT	n20	5500	Ant1	17.935
NVNT	n20	5600	Ant1	17.922
NVNT	n20	5700	Ant1	17.942
NVNT	n40	5510	Ant1	36.534
NVNT	n40	5590	Ant1	36.49
NVNT	n40	5670	Ant1	36.506

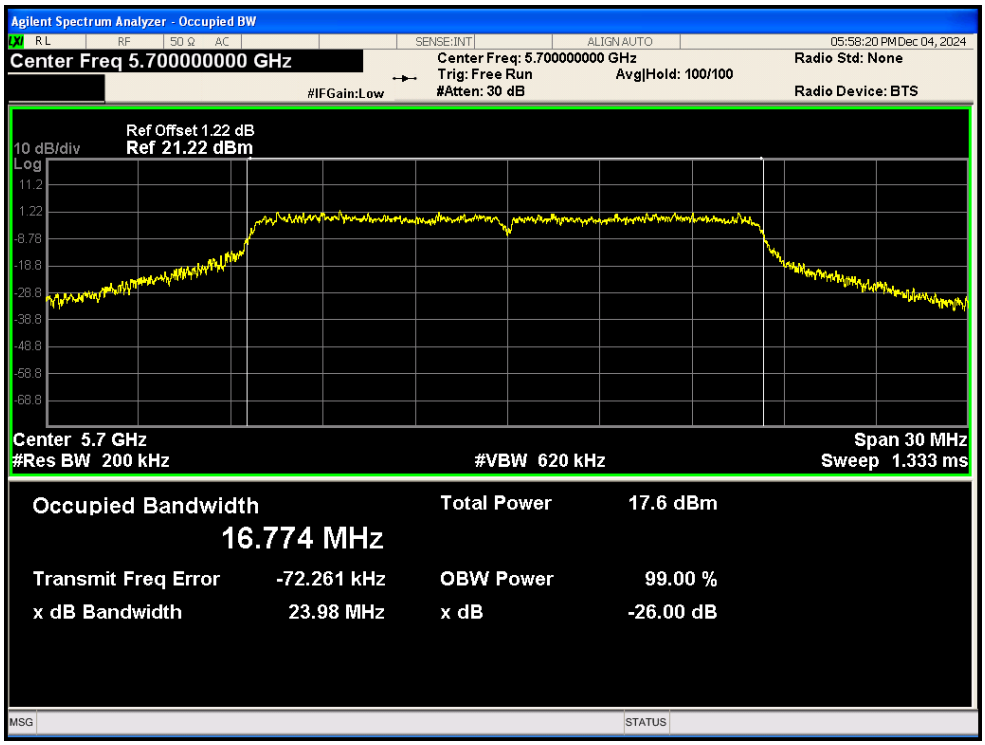
OBW NVNT a 5500MHz Ant1



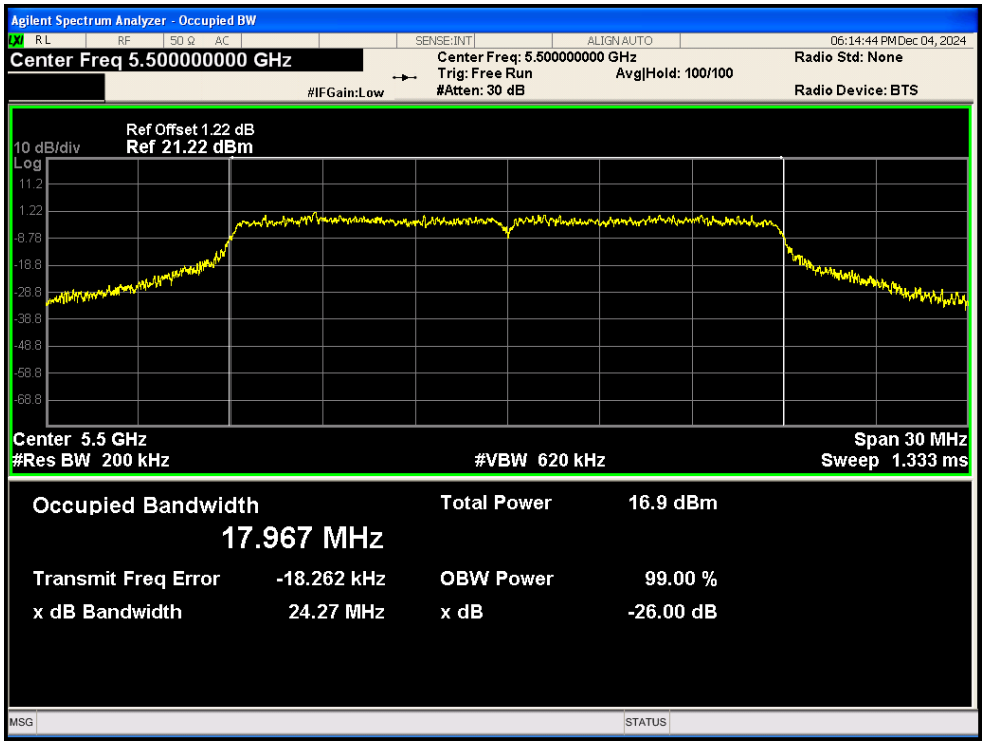
OBW NVNT a 5600MHz Ant1



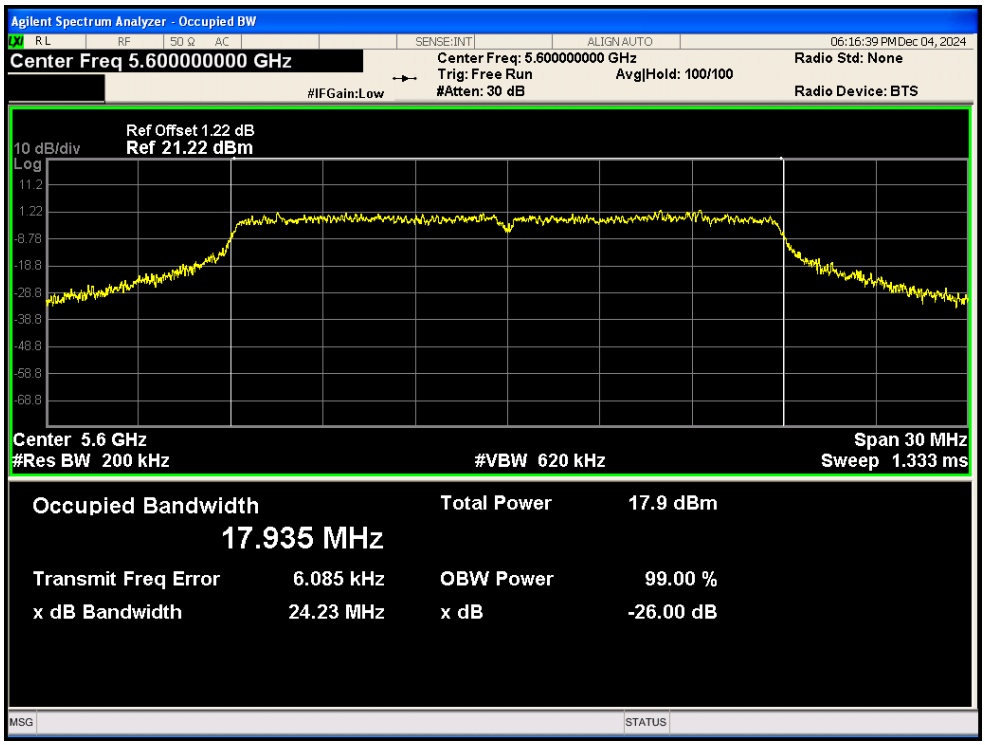
OBW NVNT a 5700MHz Ant1



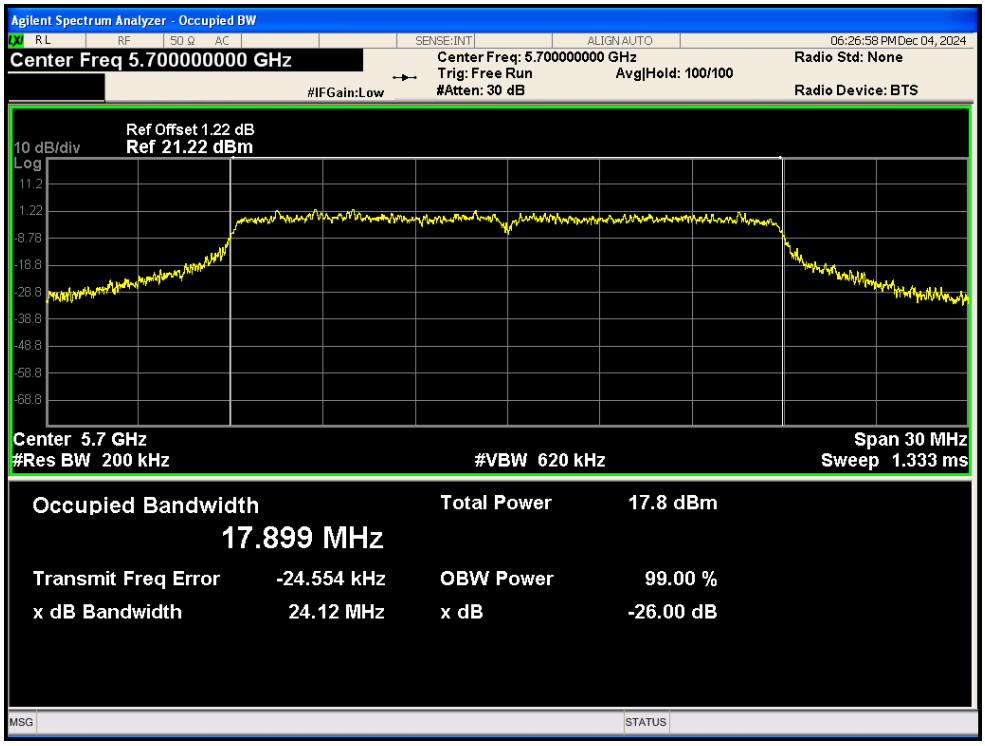
OBW NVNT ac20 5500MHz Ant1



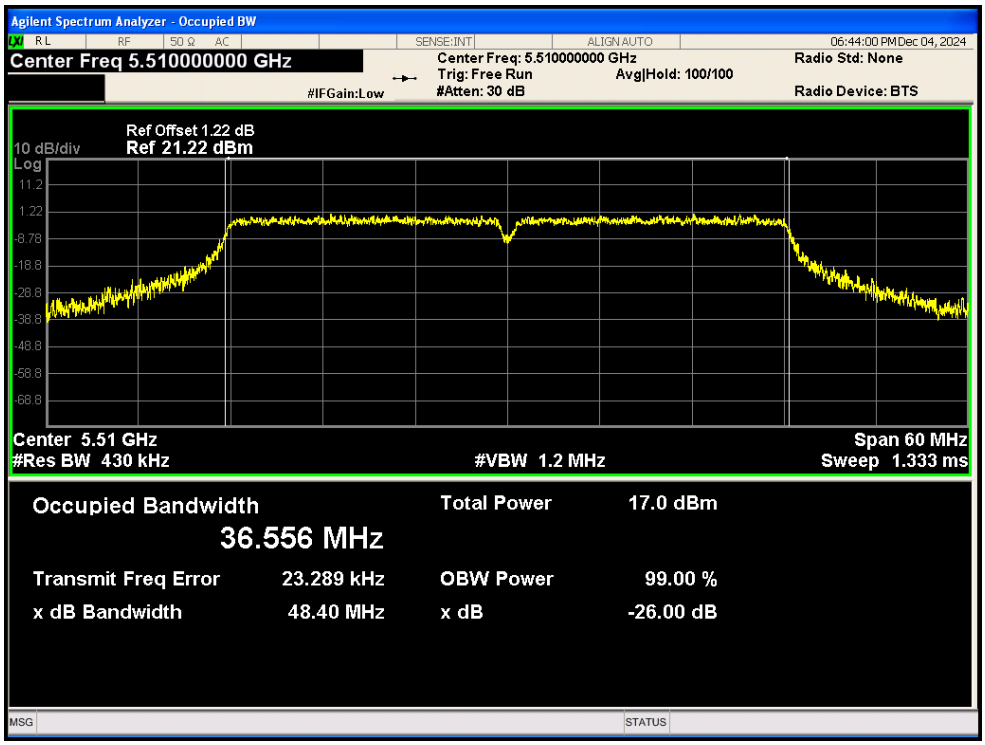
OBW NVNT ac20 5600MHz Ant1



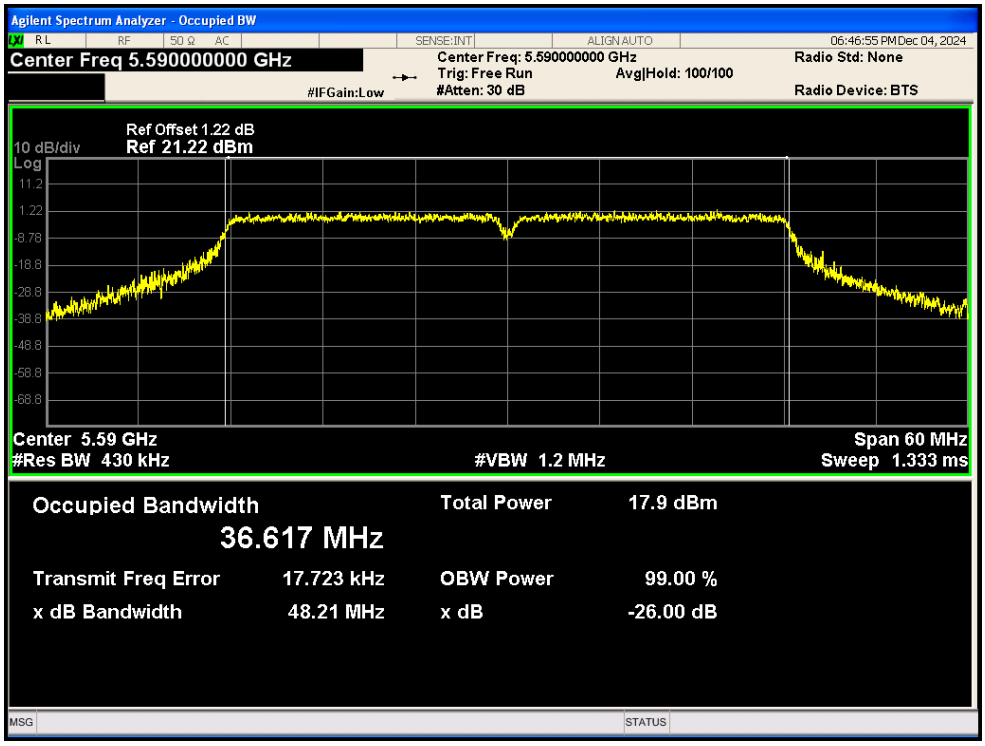
OBW NVNT ac20 5700MHz Ant1



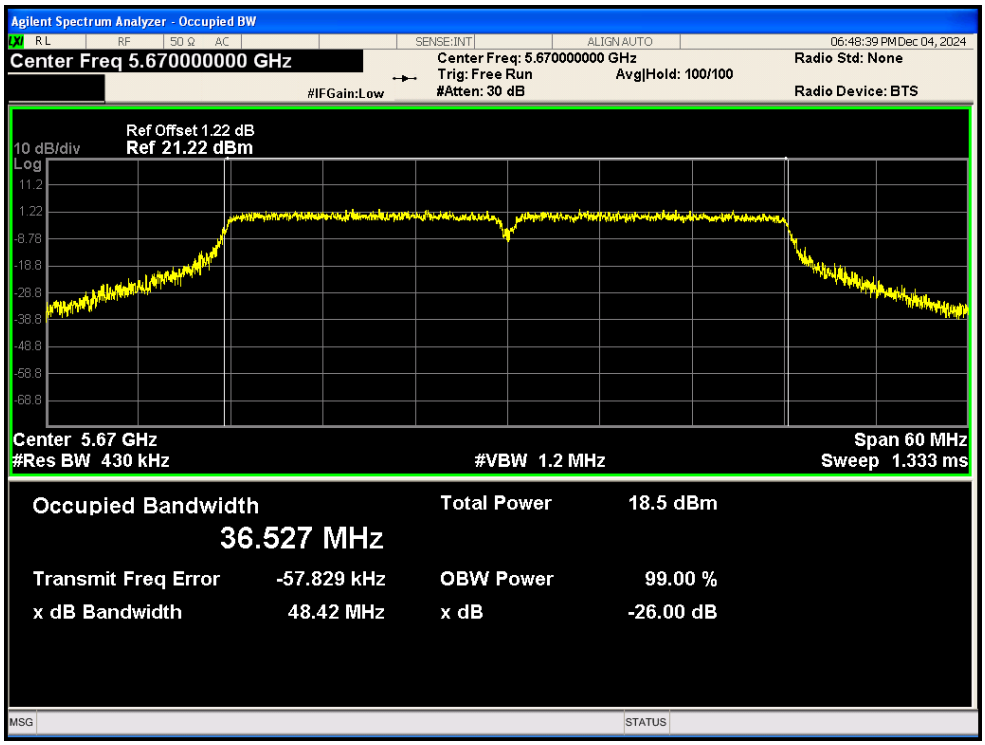
OBW NVNT ac40 5510MHz Ant1



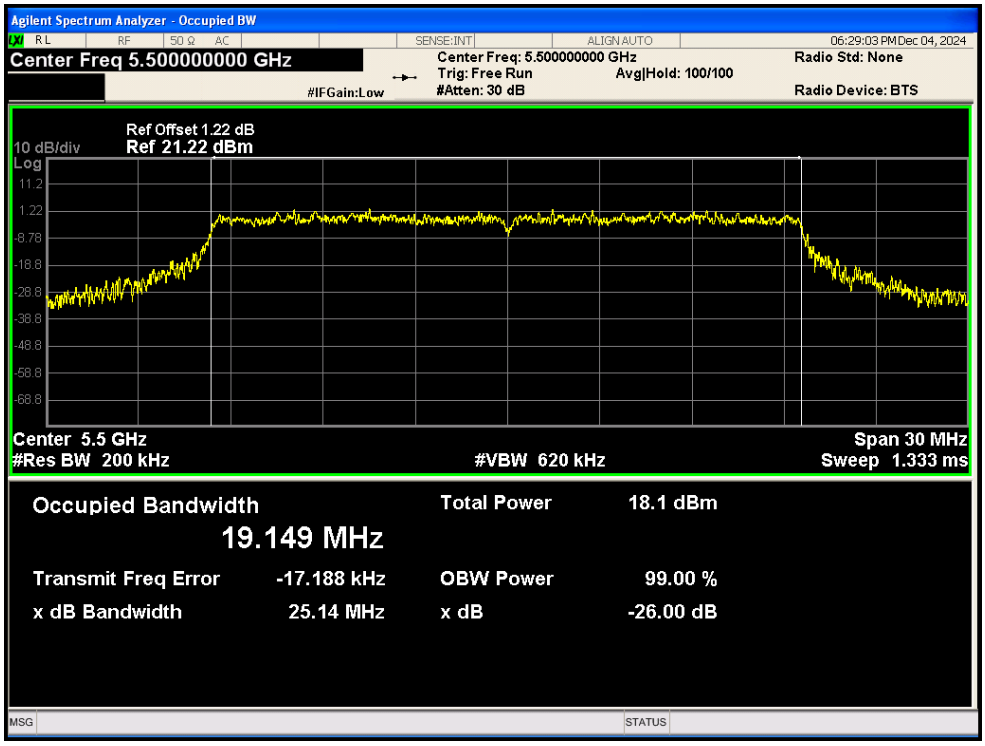
OBW NVNT ac40 5590MHz Ant1



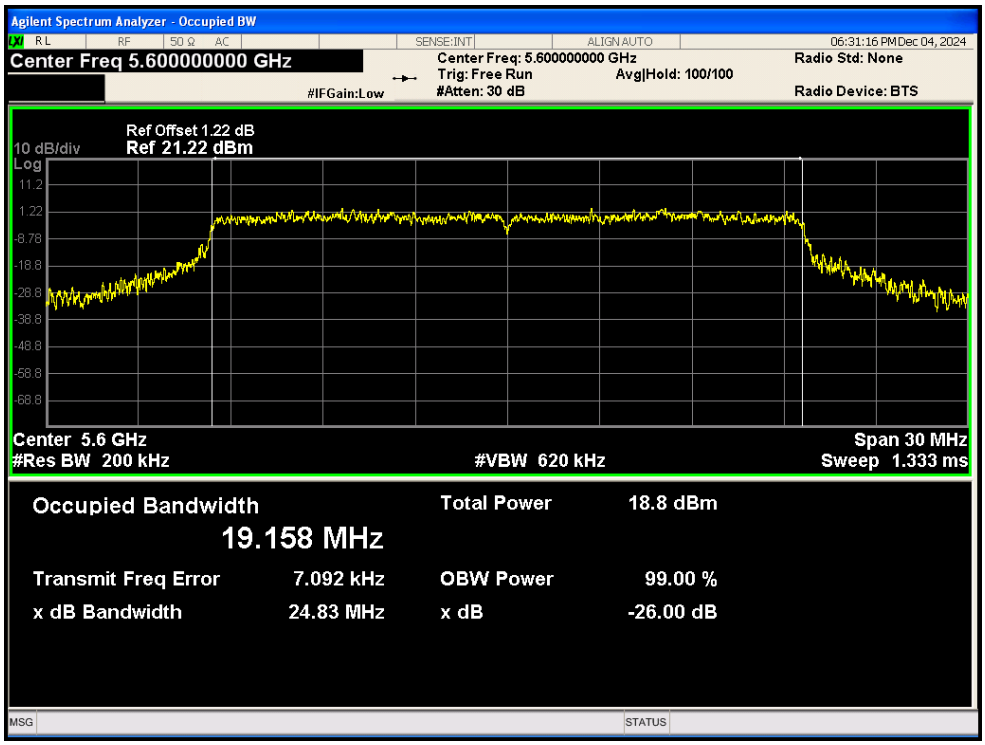
OBW NVNT ac40 5670MHz Ant1



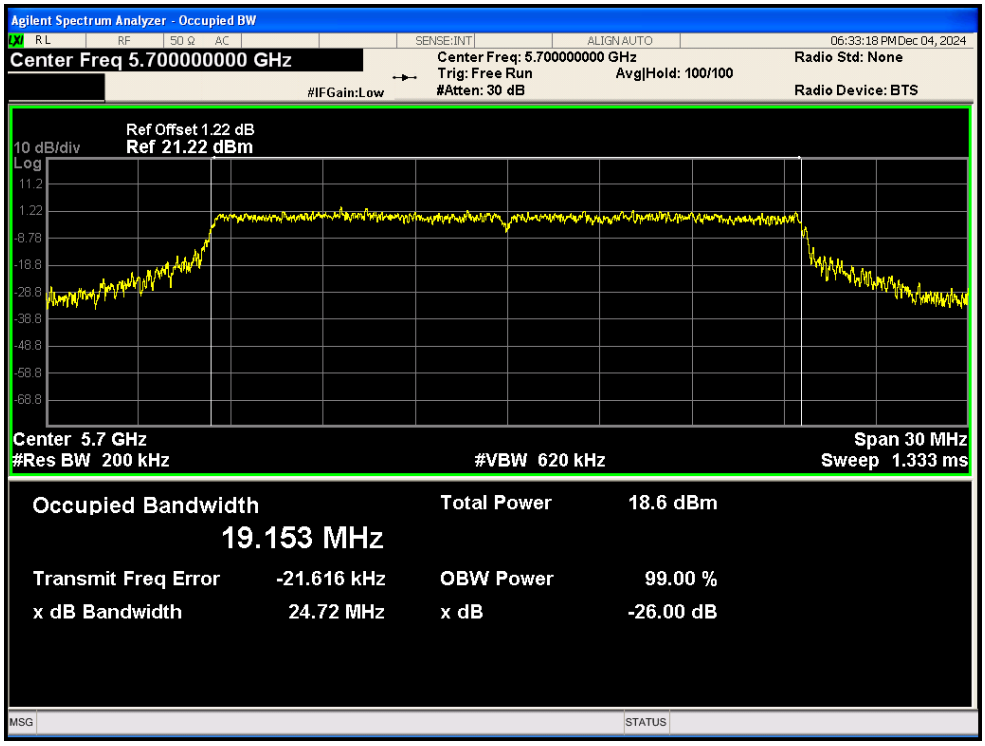
OBW NVNT ax20 5500MHz Ant1



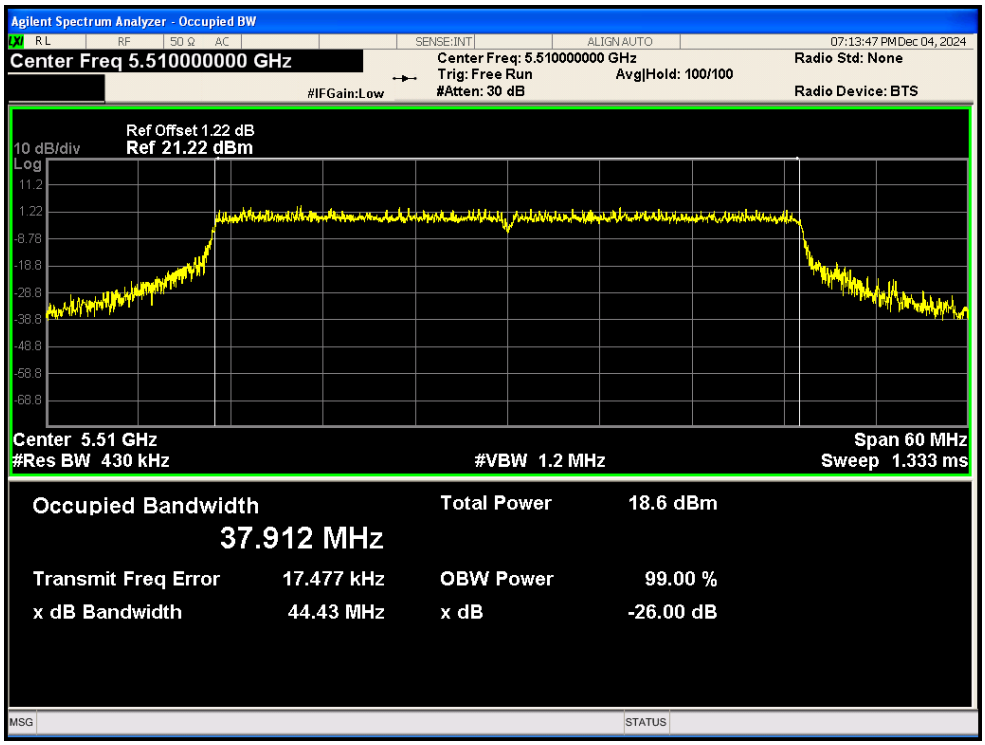
OBW NVNT ax20 5600MHz Ant1



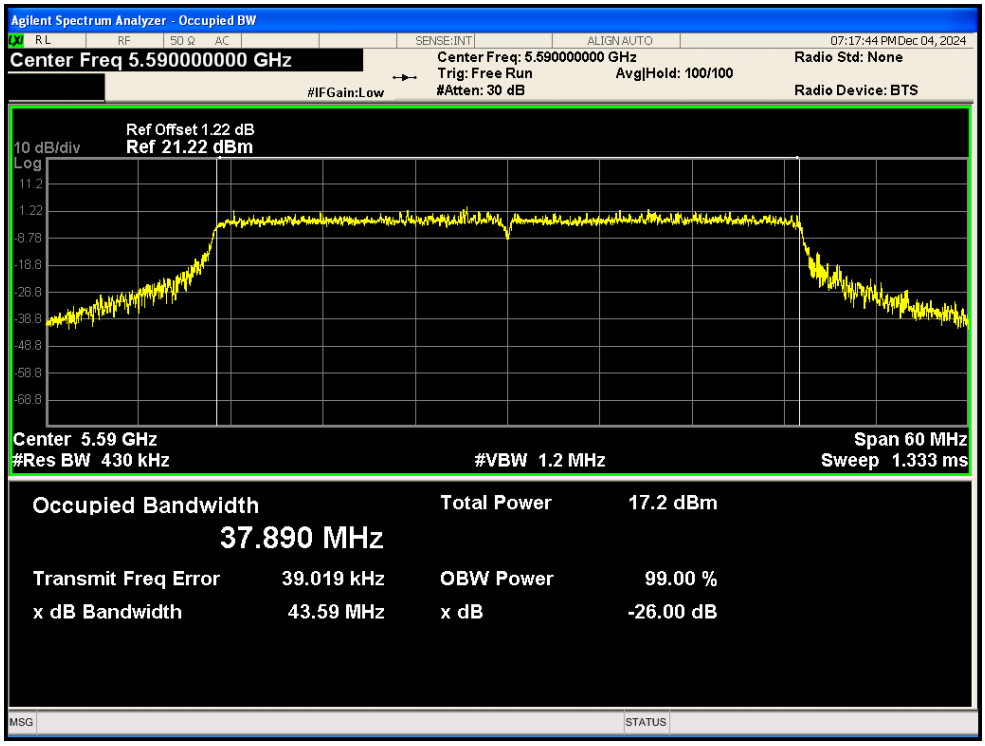
OBW NVNT ax20 5700MHz Ant1



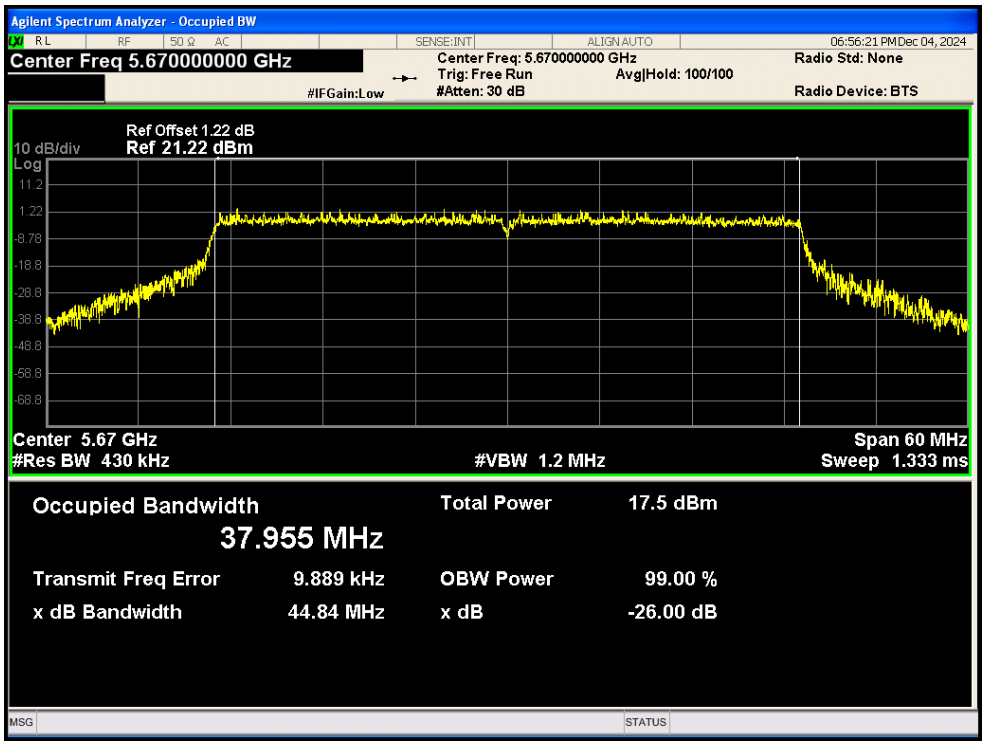
OBW NVNT ax40 5510MHz Ant1



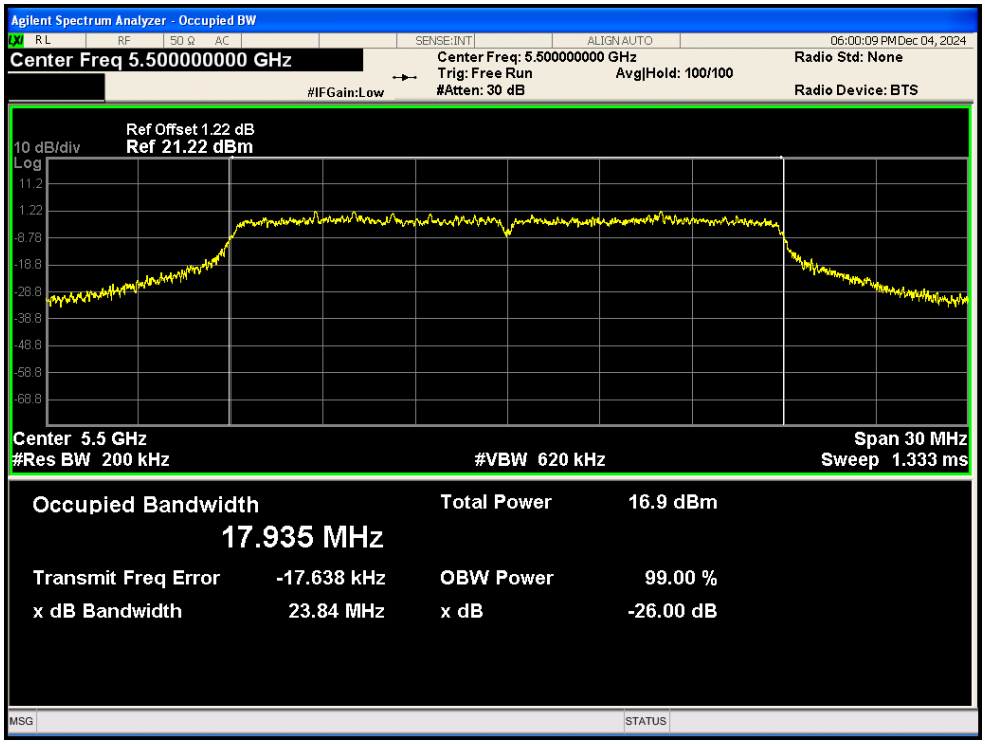
OBW NVNT ax40 5590MHz Ant1



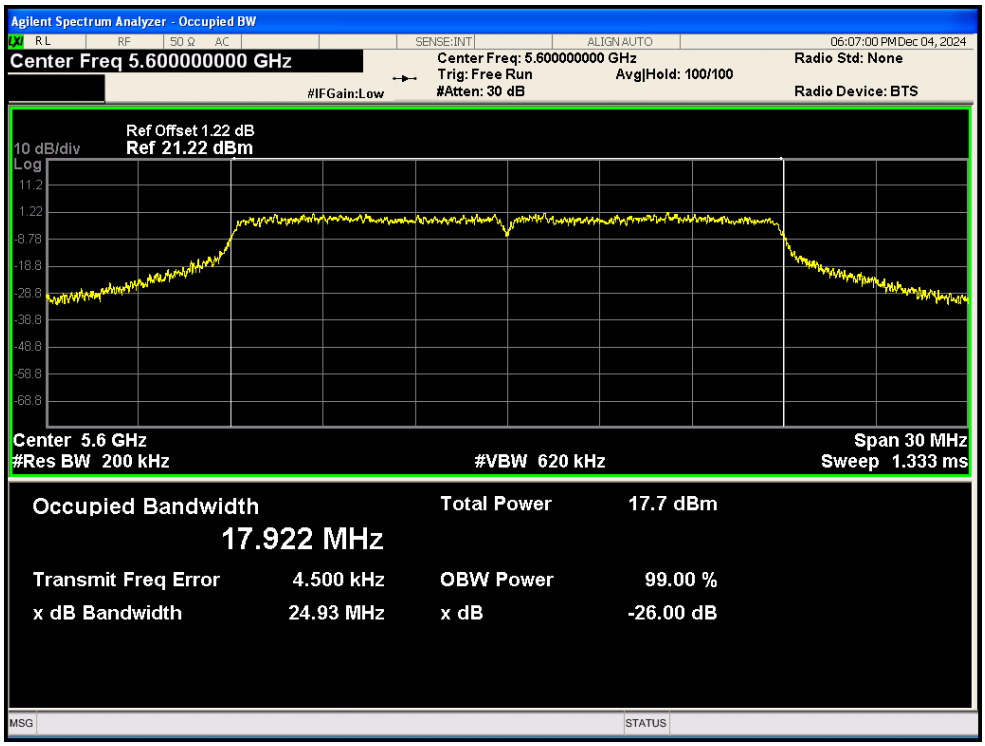
OBW NVNT ax40 5670MHz Ant1



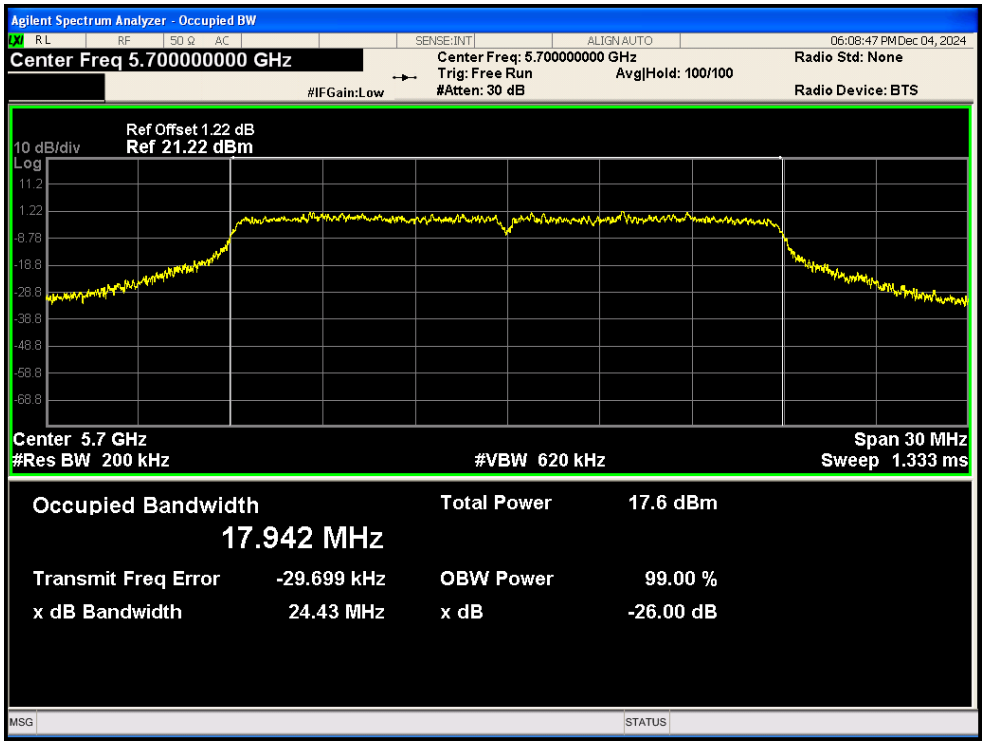
OBW NVNT n20 5500MHz Ant1



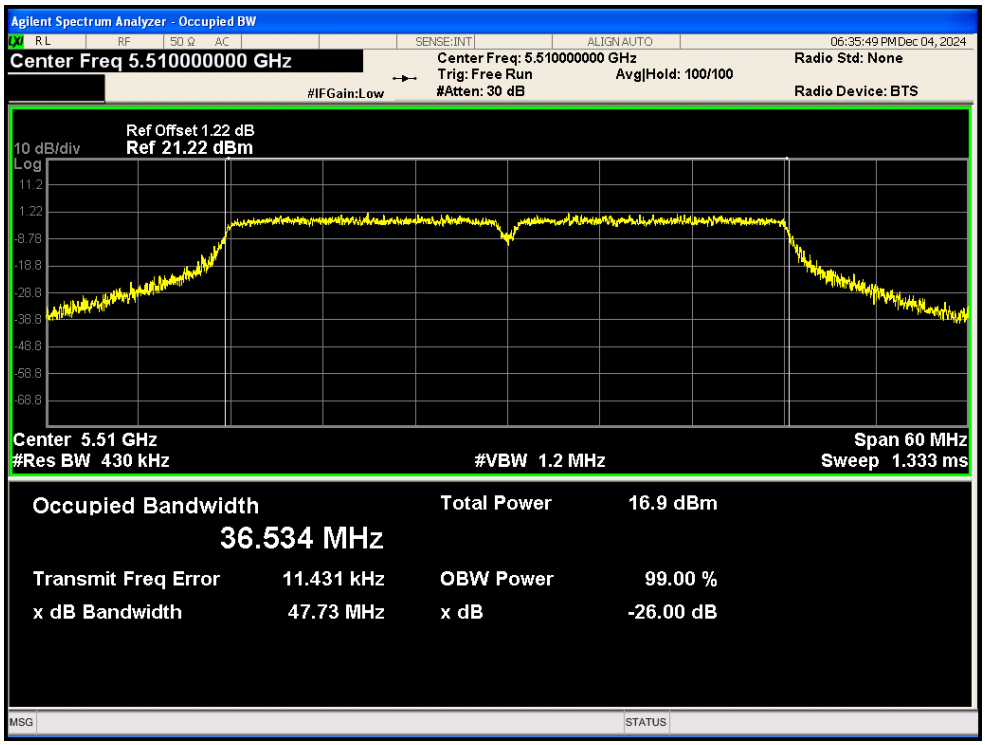
OBW NVNT n20 5600MHz Ant1



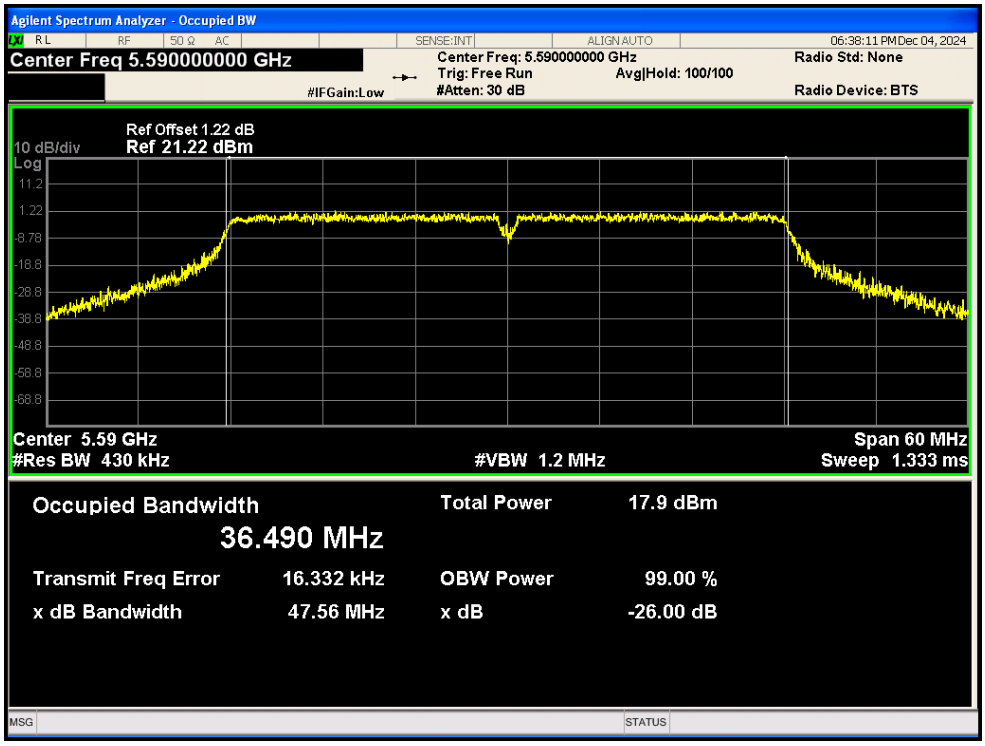
OBW NVNT n20 5700MHz Ant1



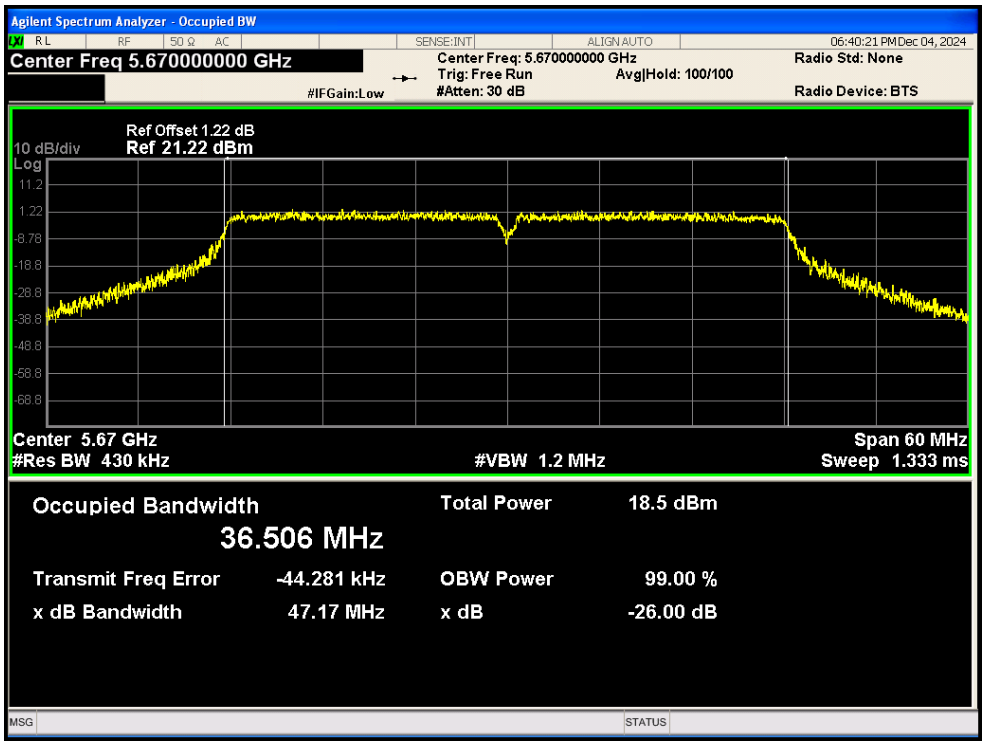
OBW NVNT n40 5510MHz Ant1



OBW NVNT n40 5590MHz Ant1



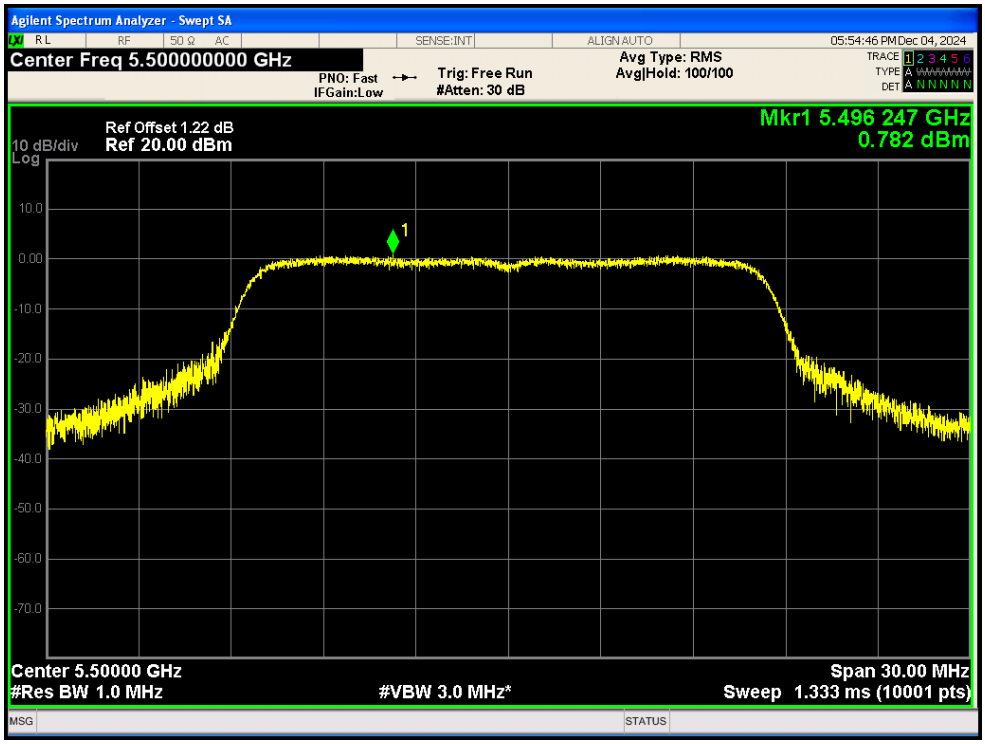
OBW NVNT n40 5670MHz Ant1



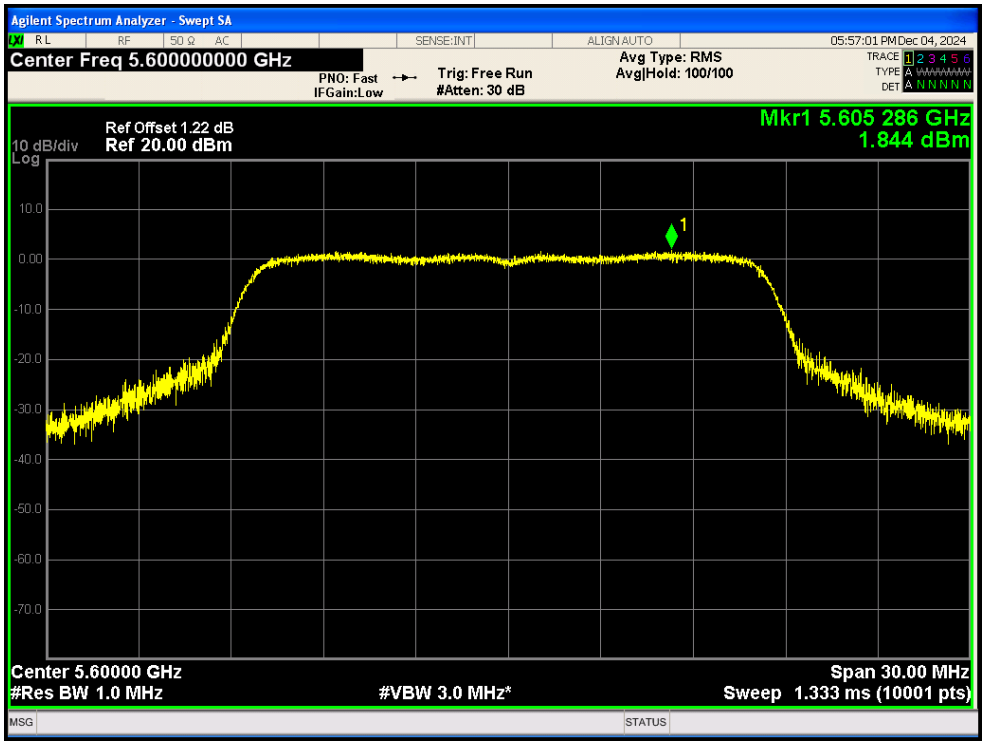
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	0.782	11	Pass
NVNT	a	5600	Ant1	1.844	11	Pass
NVNT	a	5700	Ant1	1.728	11	Pass
NVNT	ac20	5500	Ant1	0.727	11	Pass
NVNT	ac20	5600	Ant1	1.435	11	Pass
NVNT	ac20	5700	Ant1	1.592	11	Pass
NVNT	ac40	5510	Ant1	-2.827	11	Pass
NVNT	ac40	5590	Ant1	-2.325	11	Pass
NVNT	ac40	5670	Ant1	-3.474	11	Pass
NVNT	ax20	5500	Ant1	0.332	11	Pass
NVNT	ax20	5600	Ant1	1.282	11	Pass
NVNT	ax20	5700	Ant1	1.211	11	Pass
NVNT	ax40	5510	Ant1	-2.764	11	Pass
NVNT	ax40	5590	Ant1	-4.025	11	Pass
NVNT	ax40	5670	Ant1	-4.365	11	Pass
NVNT	n20	5500	Ant1	0.487	11	Pass
NVNT	n20	5600	Ant1	1.067	11	Pass
NVNT	n20	5700	Ant1	1.079	10	Pass
NVNT	n40	5510	Ant1	-3.08	11	Pass
NVNT	n40	5590	Ant1	-1.958	11	Pass
NVNT	n40	5670	Ant1	-1.366	11	Pass

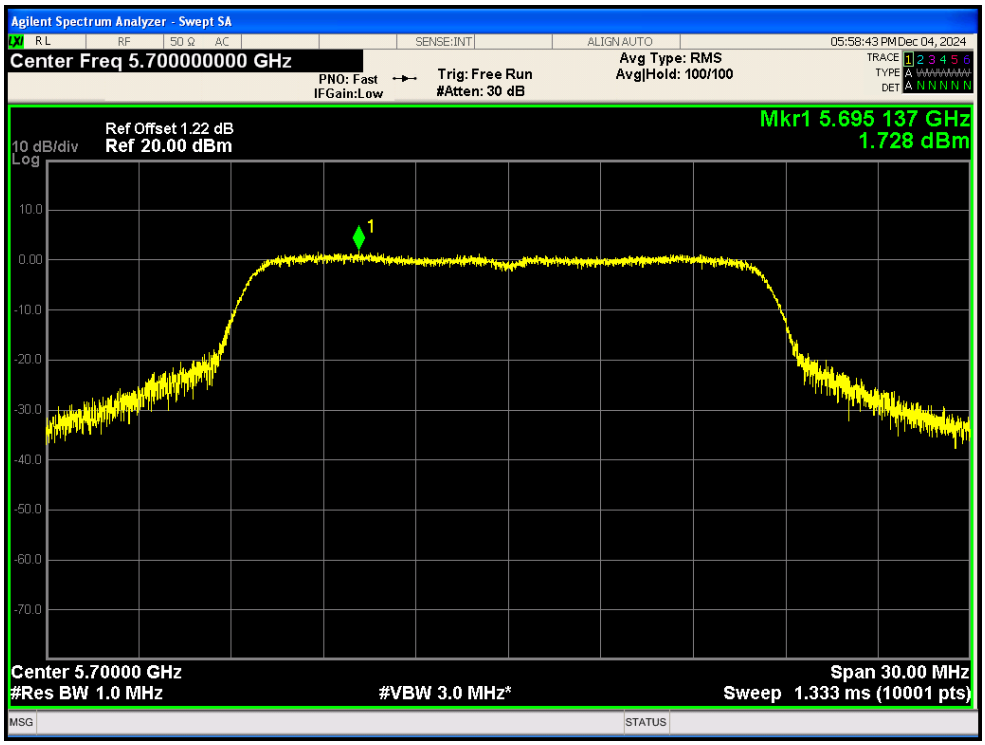
PSD NVNT a 5500MHz Ant1



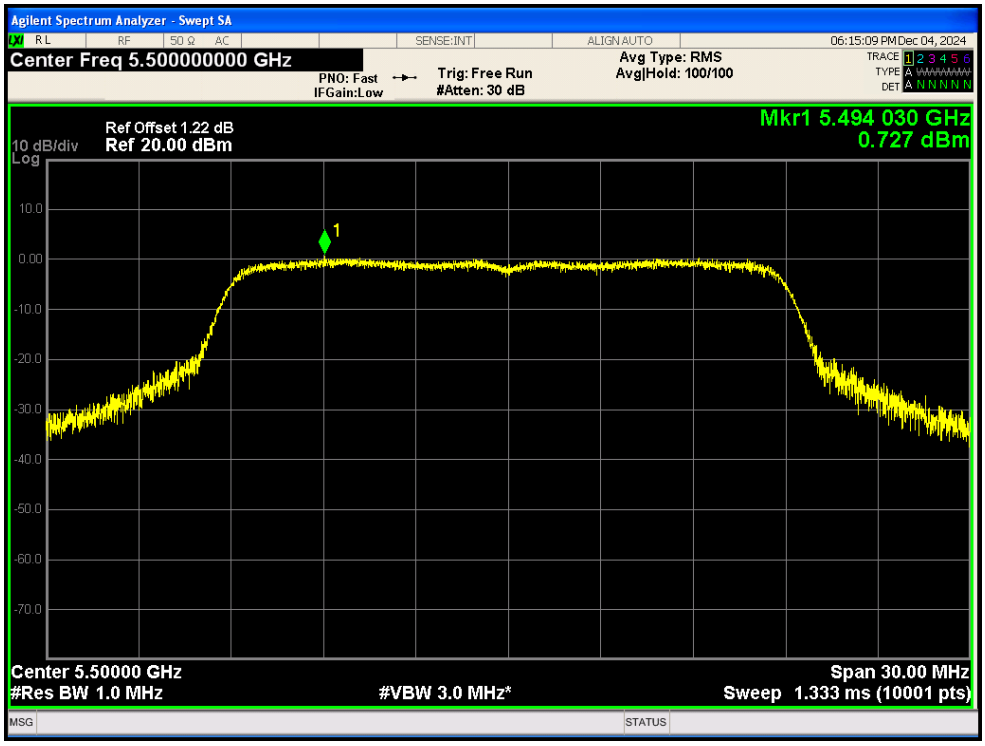
PSD NVNT a 5600MHz Ant1



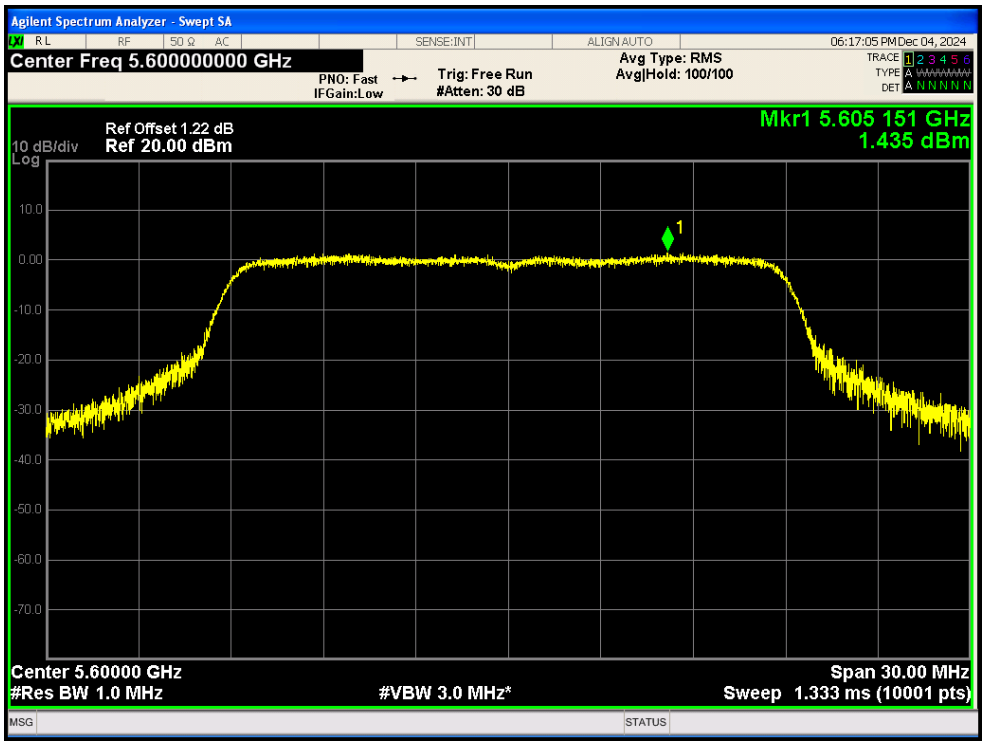
PSD NVNT a 5700MHz Ant1



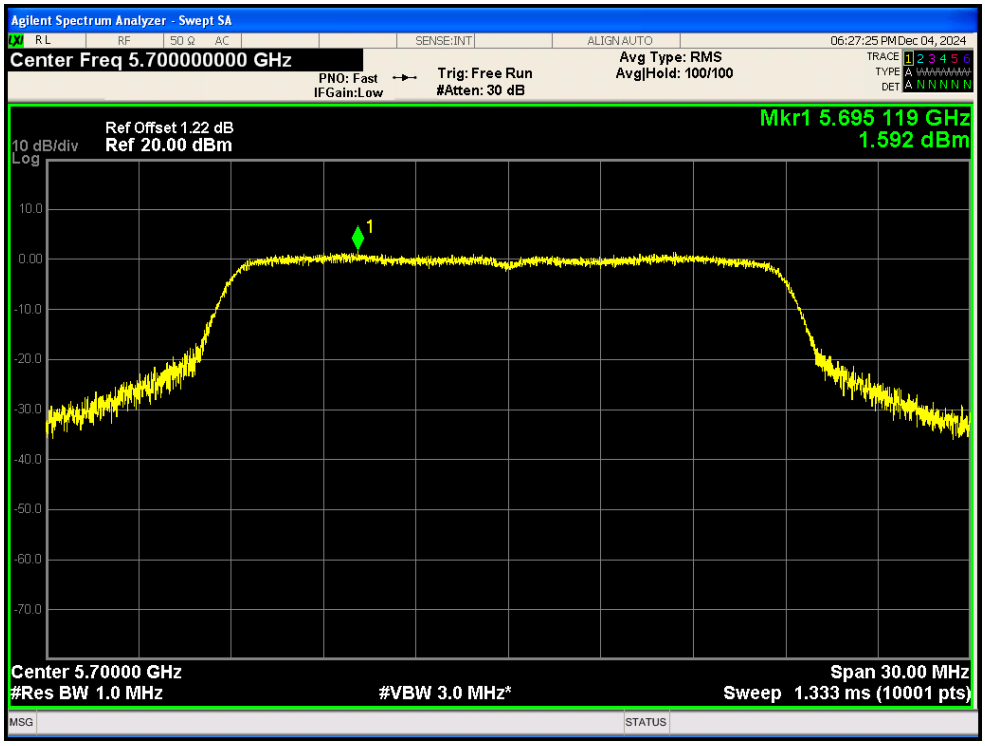
PSD NVNT ac20 5500MHz Ant1



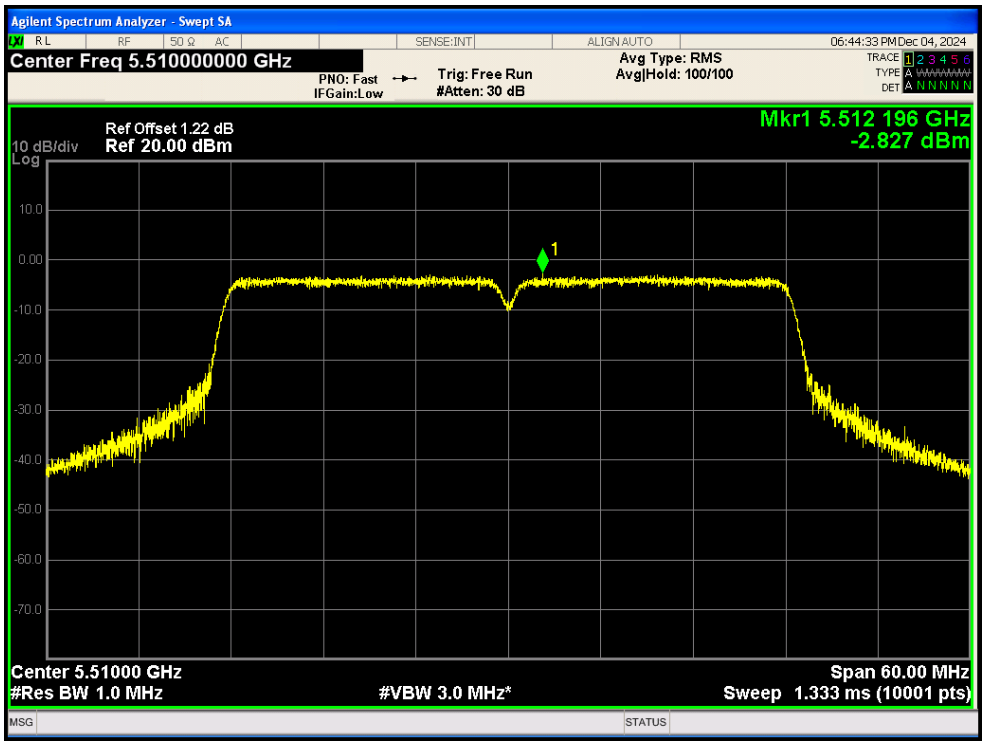
PSD NVNT ac20 5600MHz Ant1



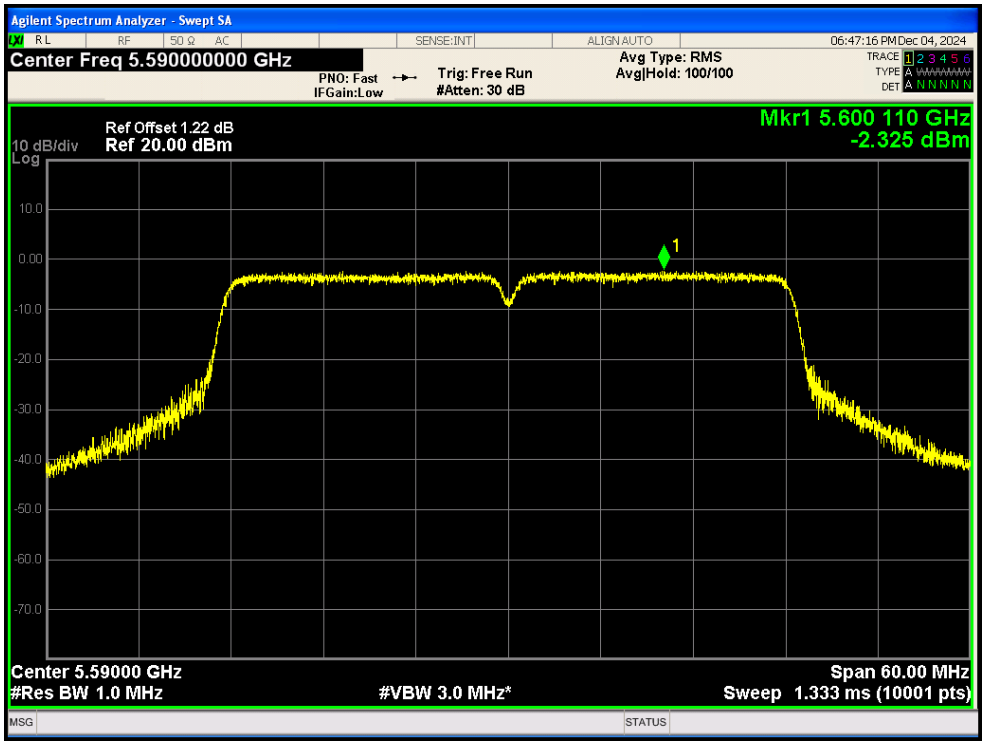
PSD NVNT ac20 5700MHz Ant1



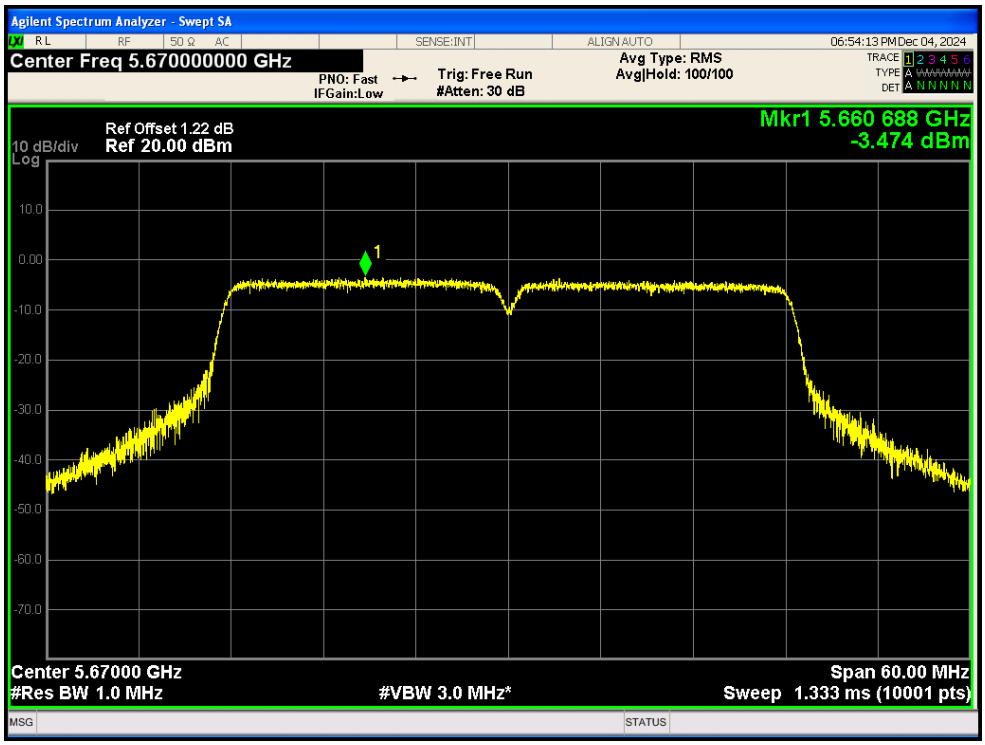
PSD NVNT ac40 5510MHz Ant1



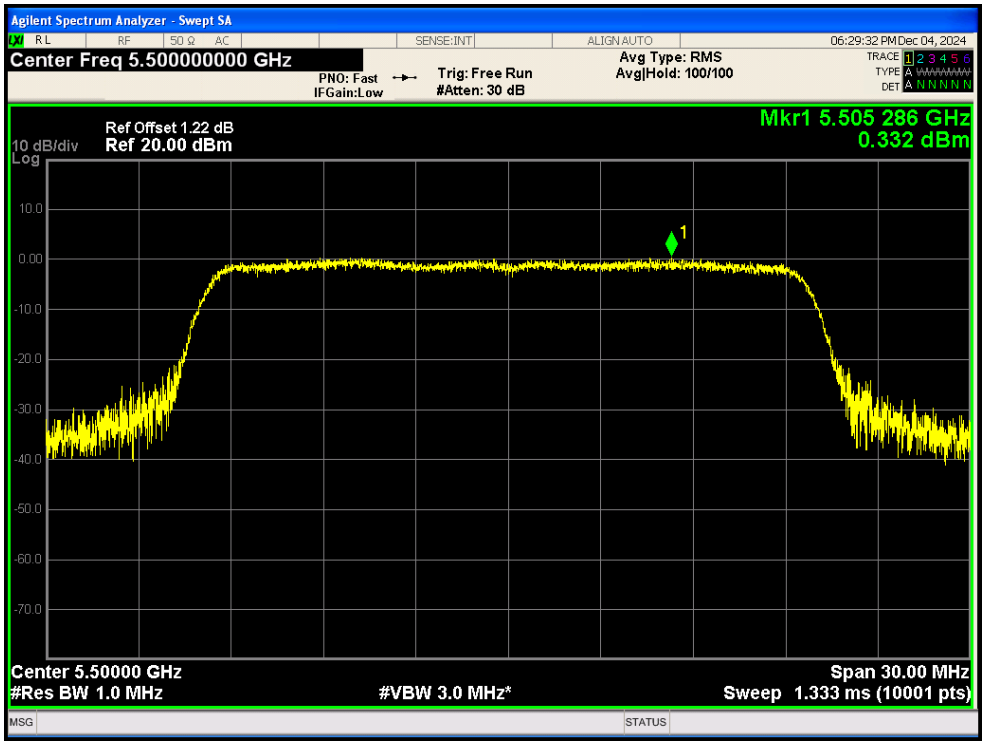
PSD NVNT ac40 5590MHz Ant1



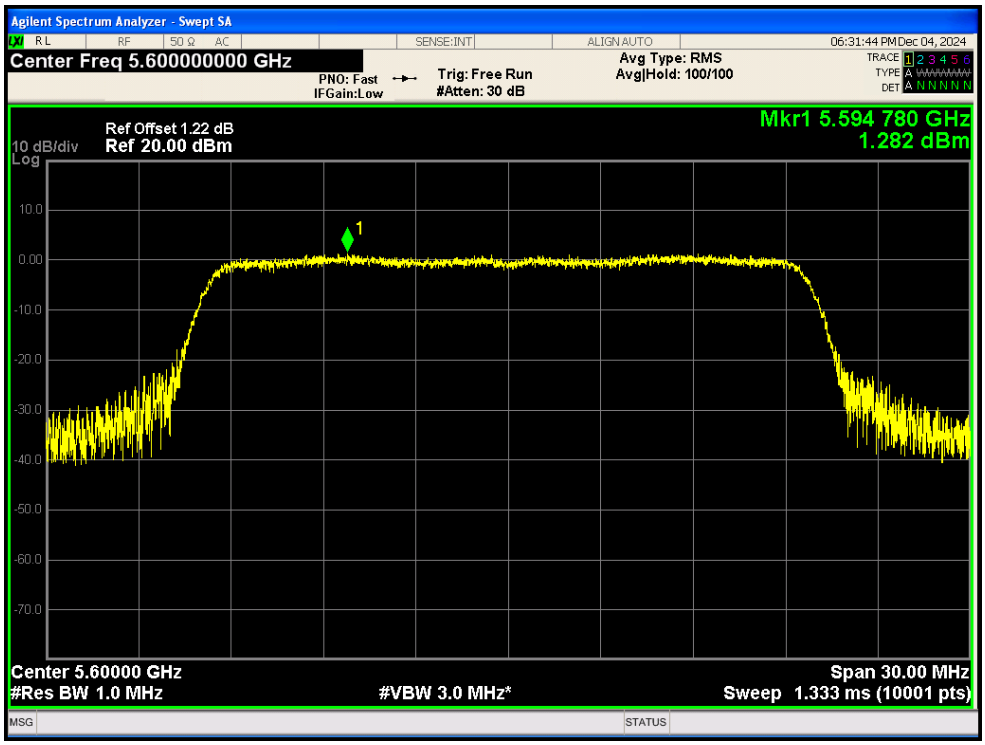
PSD NVNT ac40 5670MHz Ant1



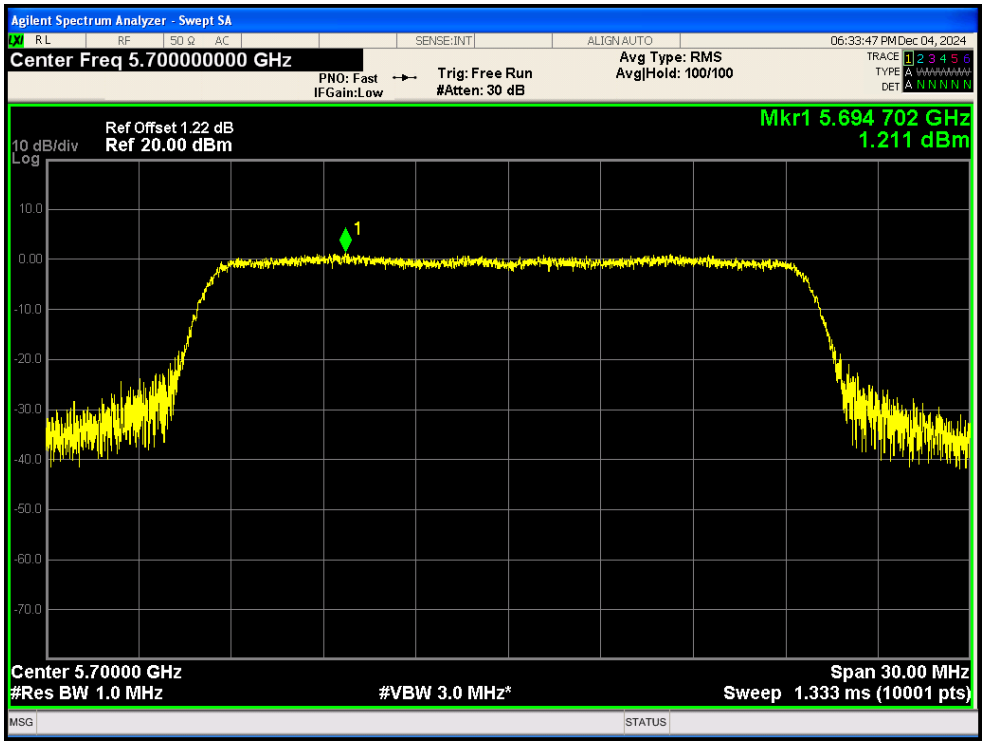
PSD NVNT ax20 5500MHz Ant1



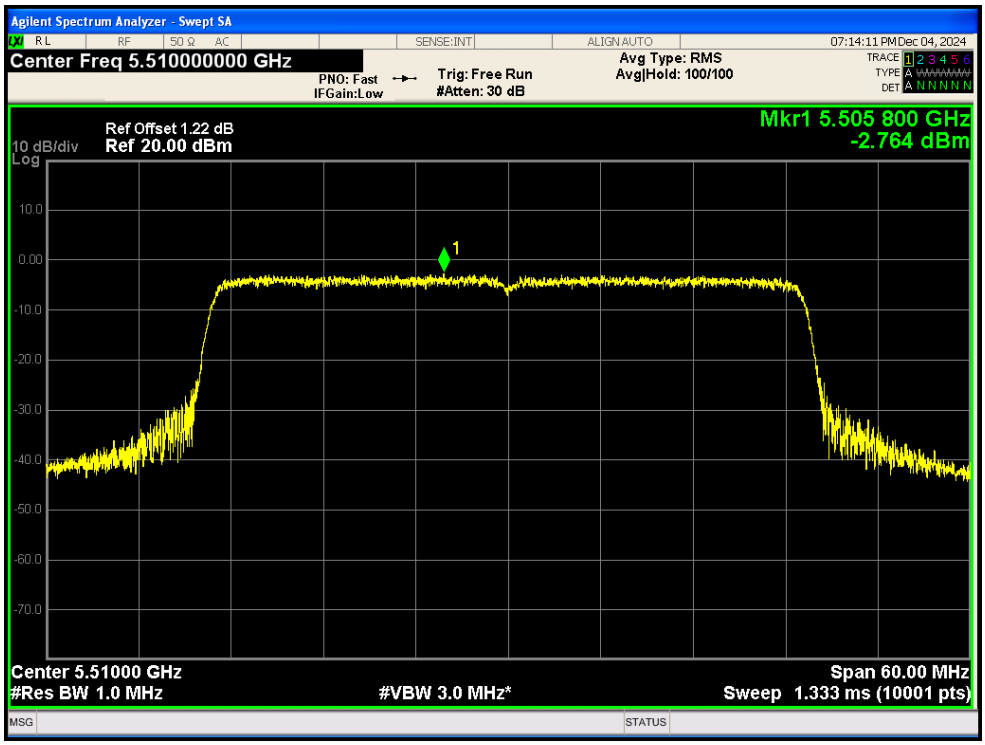
PSD NVNT ax20 5600MHz Ant1



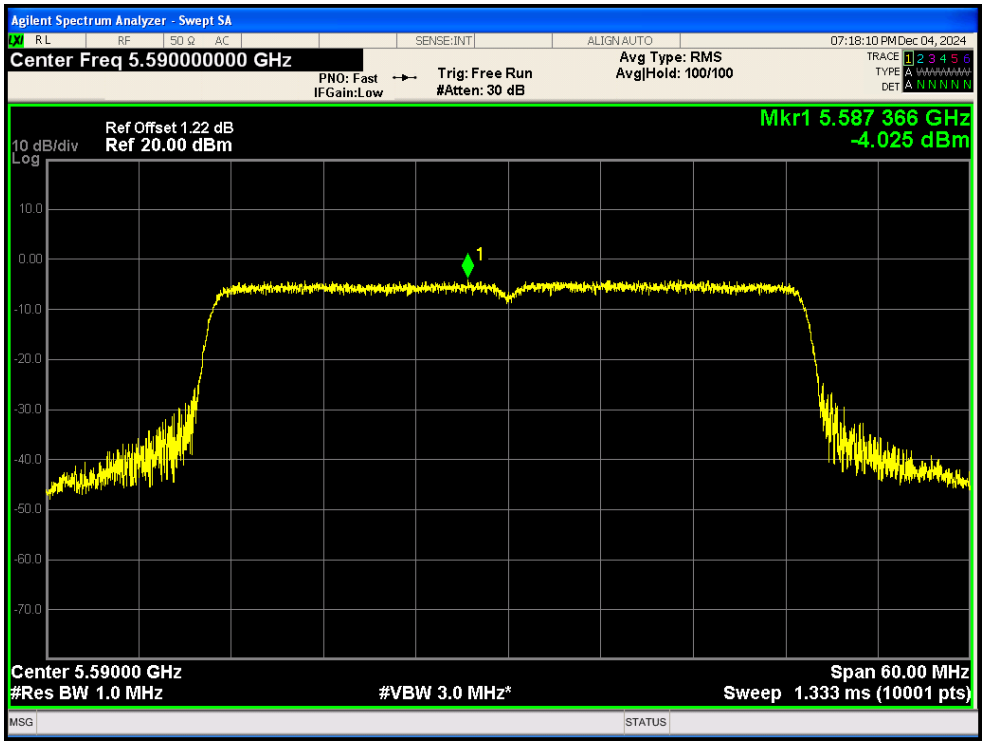
PSD NVNT ax20 5700MHz Ant1



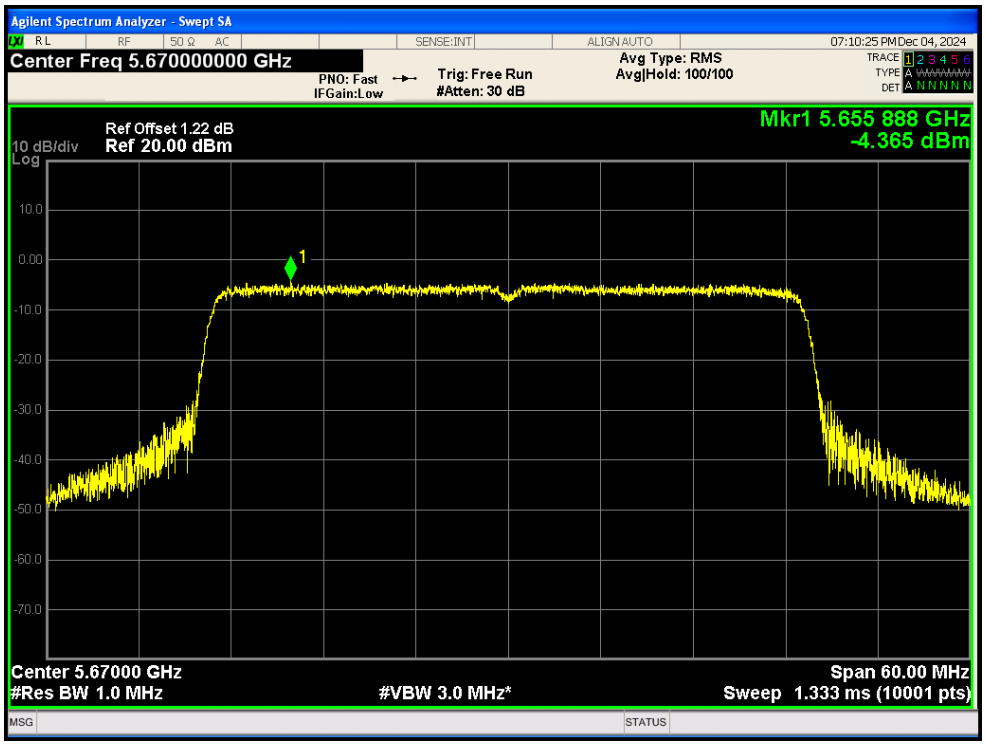
PSD NVNT ax40 5510MHz Ant1



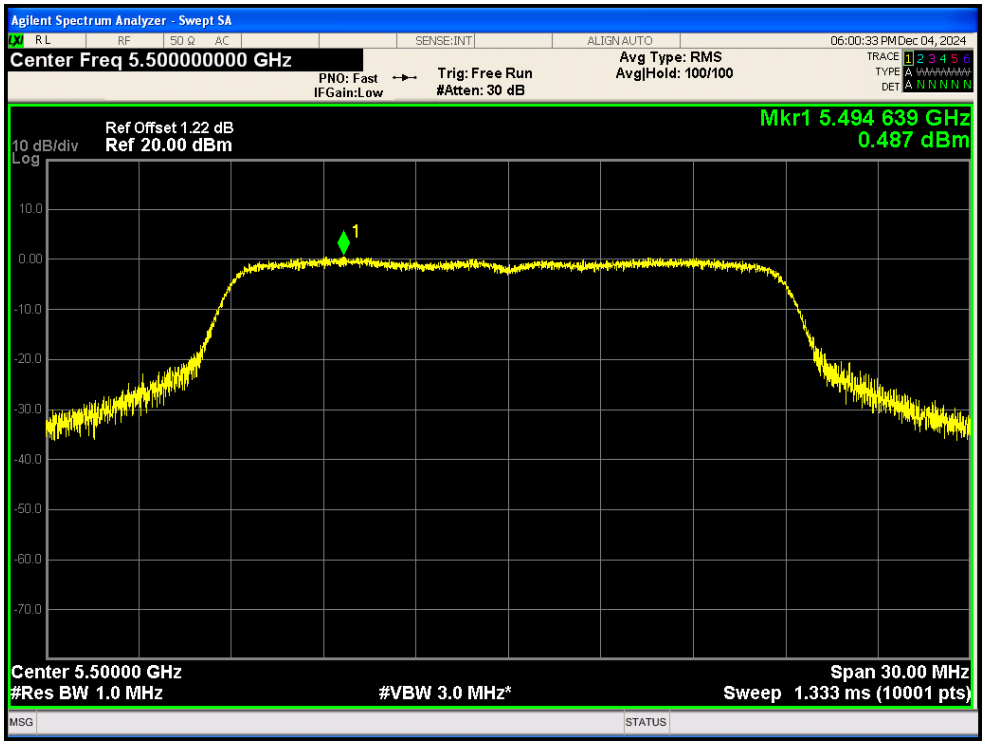
PSD NVNT ax40 5590MHz Ant1



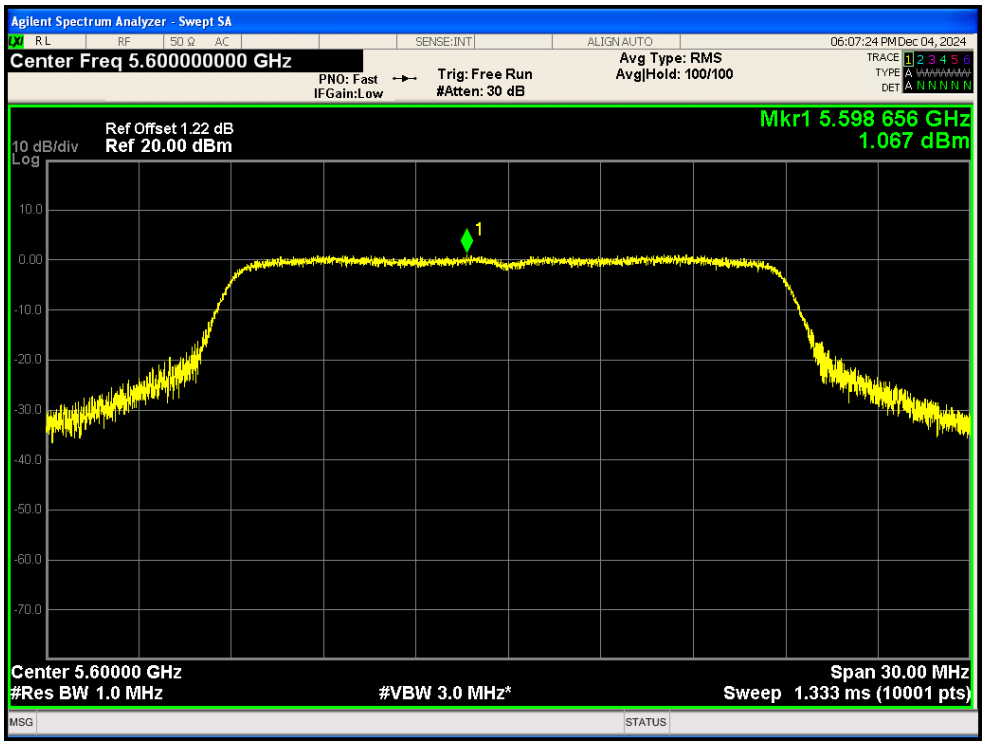
PSD NVNT ax40 5670MHz Ant1



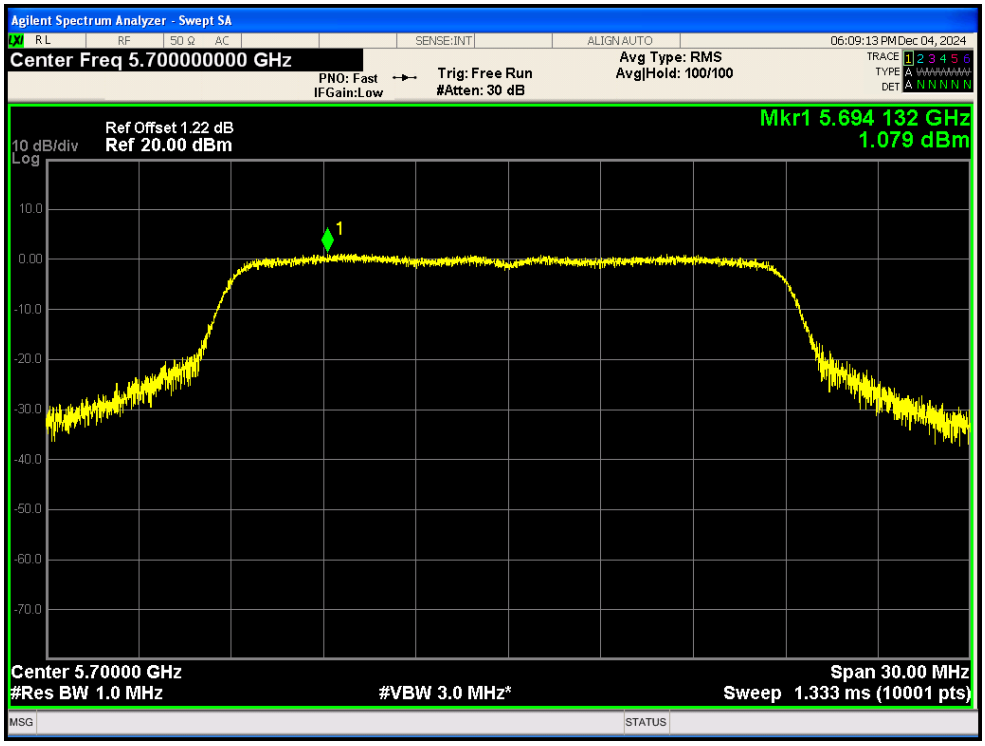
PSD NVNT n20 5500MHz Ant1



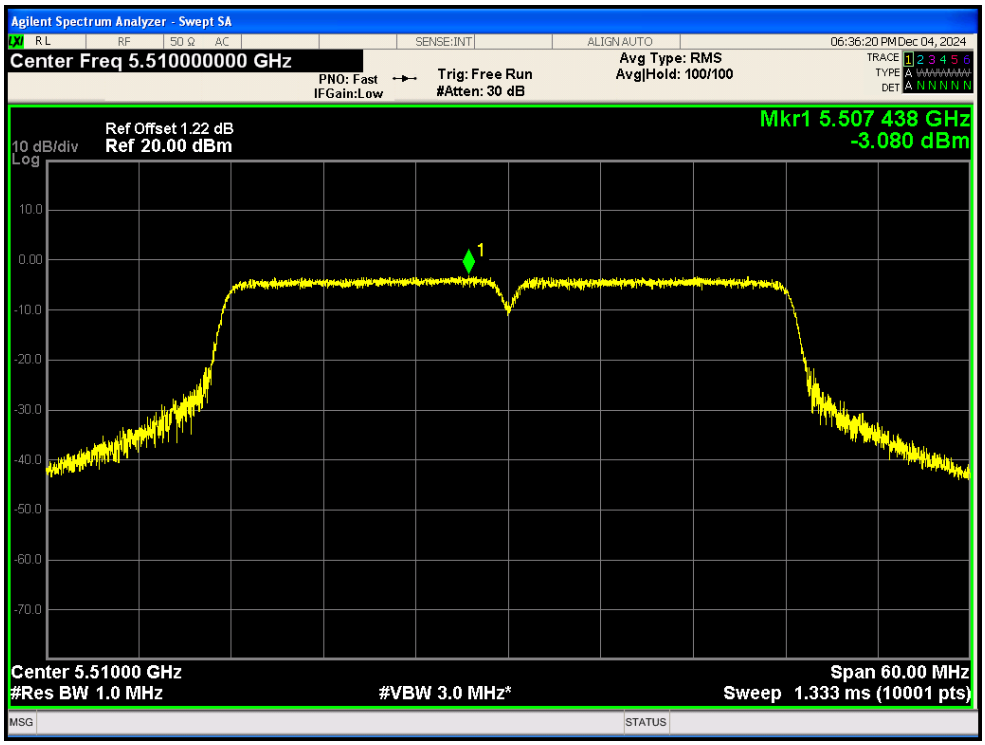
PSD NVNT n20 5600MHz Ant1



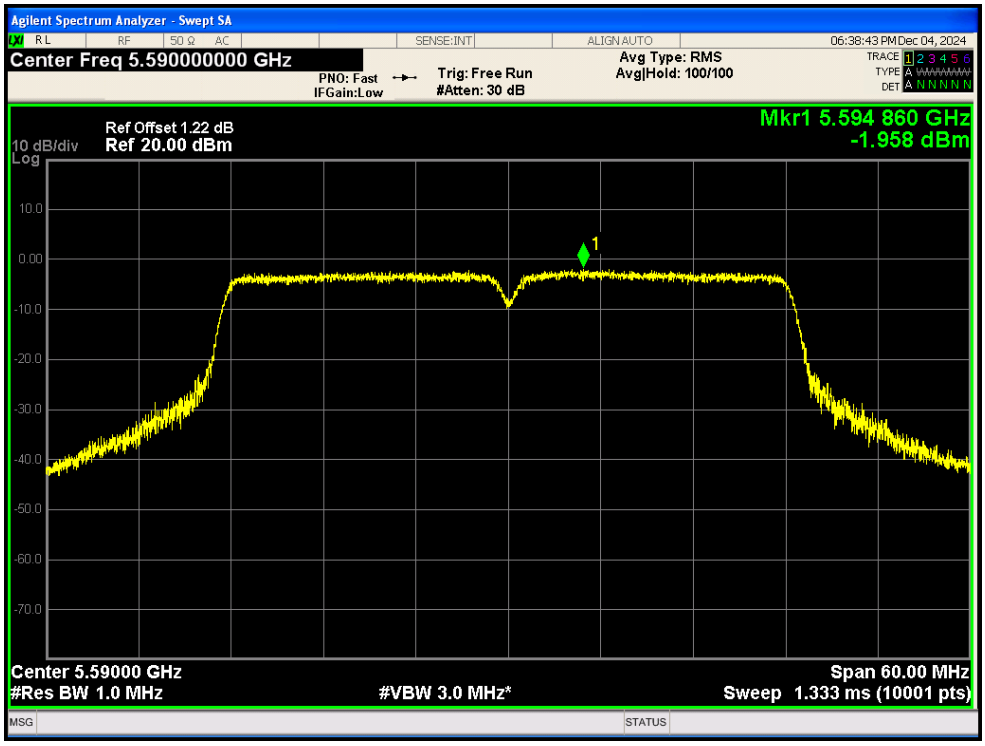
PSD NVNT n20 5700MHz Ant1



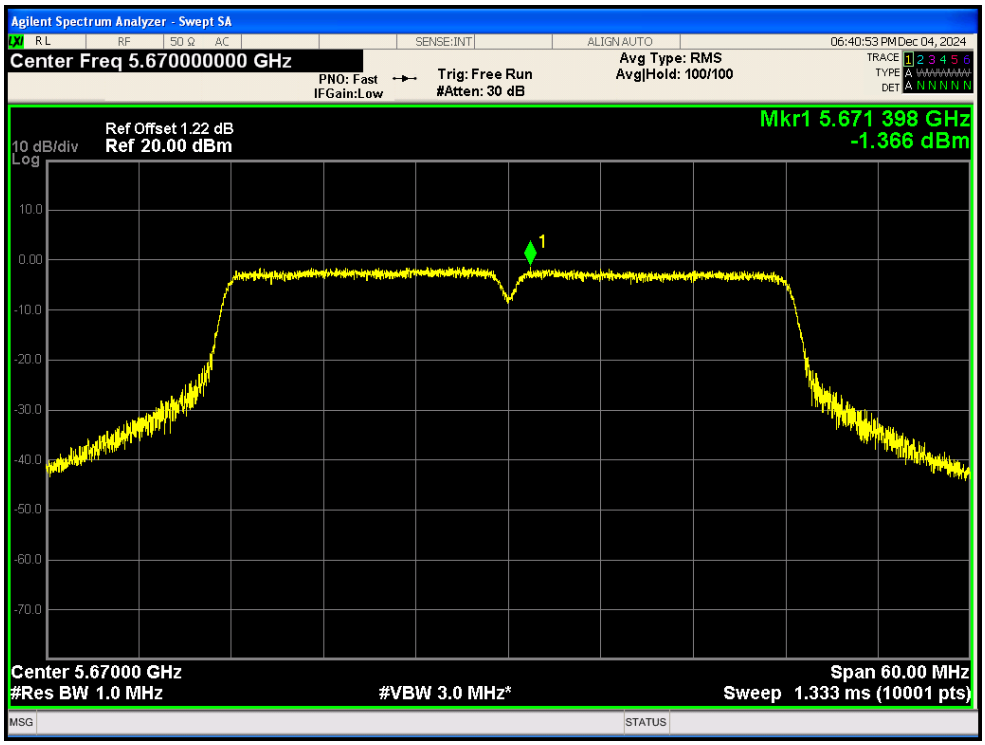
PSD NVNT n40 5510MHz Ant1



PSD NVNT n40 5590MHz Ant1



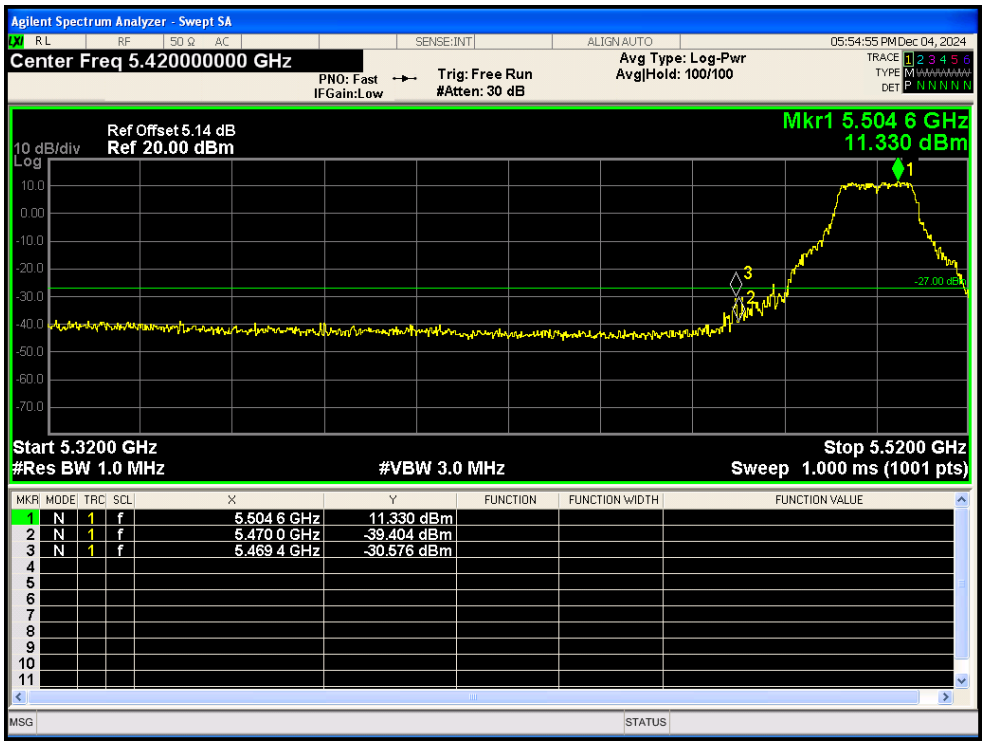
PSD NVNT n40 5670MHz Ant1



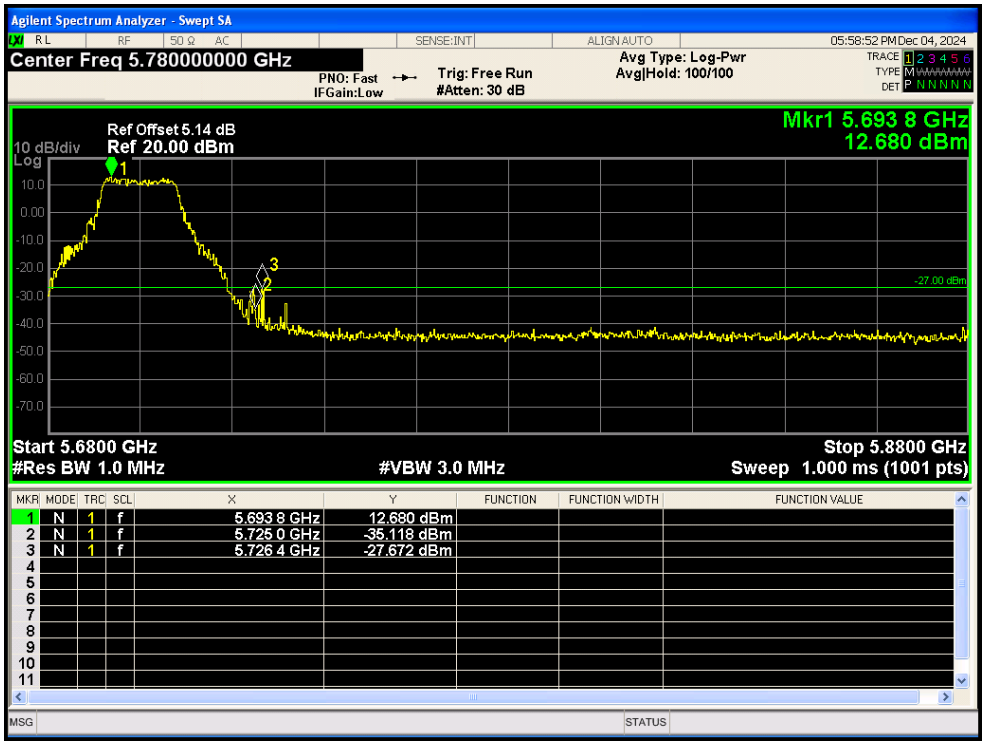
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-30.57	-27	Pass
NVNT	a	5700	Ant1	-27.67	-27	Pass
NVNT	ac20	5500	Ant1	-34.55	-27	Pass
NVNT	ac20	5700	Ant1	-30.29	-27	Pass
NVNT	ac40	5510	Ant1	-28.19	-27	Pass
NVNT	ac40	5670	Ant1	-31.49	-27	Pass
NVNT	ax20	5500	Ant1	-31.92	-27	Pass
NVNT	ax20	5700	Ant1	-29.33	-27	Pass
NVNT	ax40	5510	Ant1	-28	-27	Pass
NVNT	ax40	5670	Ant1	-39.14	-27	Pass
NVNT	n20	5500	Ant1	-33.92	-27	Pass
NVNT	n20	5700	Ant1	-30.84	-27	Pass
NVNT	n40	5510	Ant1	-28.39	-27	Pass
NVNT	n40	5670	Ant1	-35.1	-27	Pass

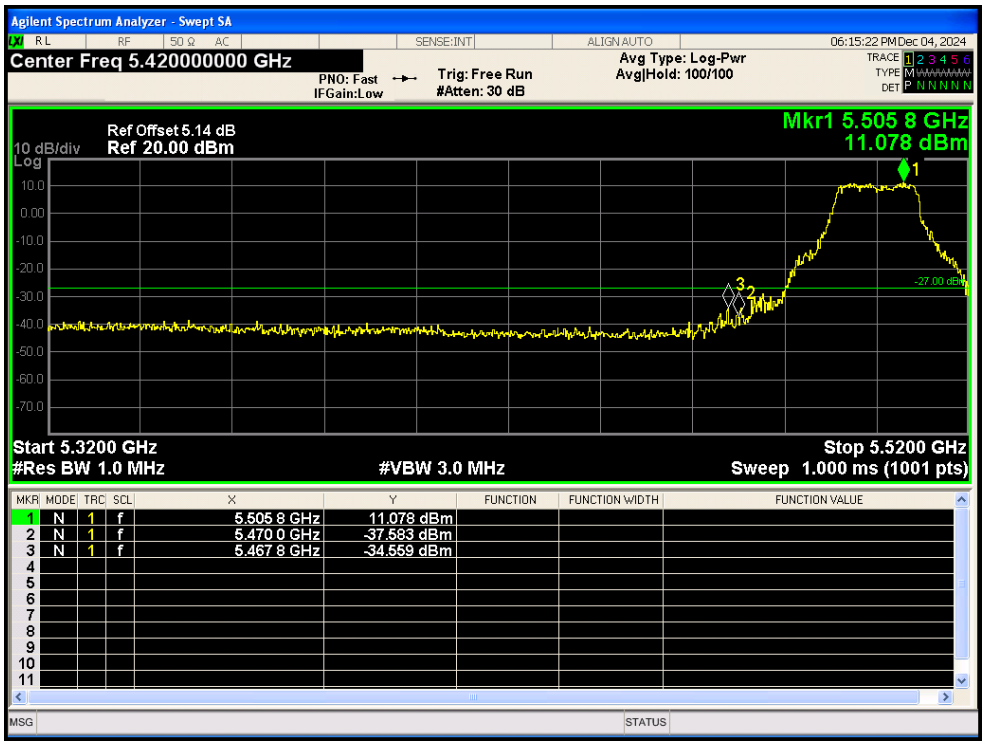
Band Edge NVNT a 5500MHz Low Ant1



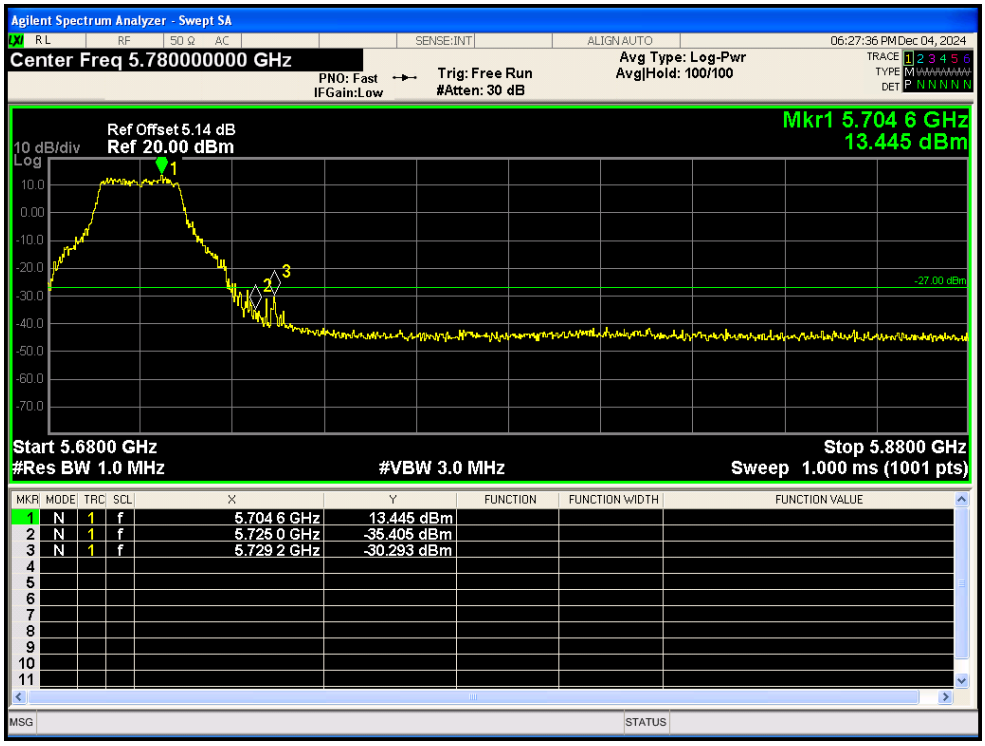
Band Edge NVNT a 5700MHz High Ant1



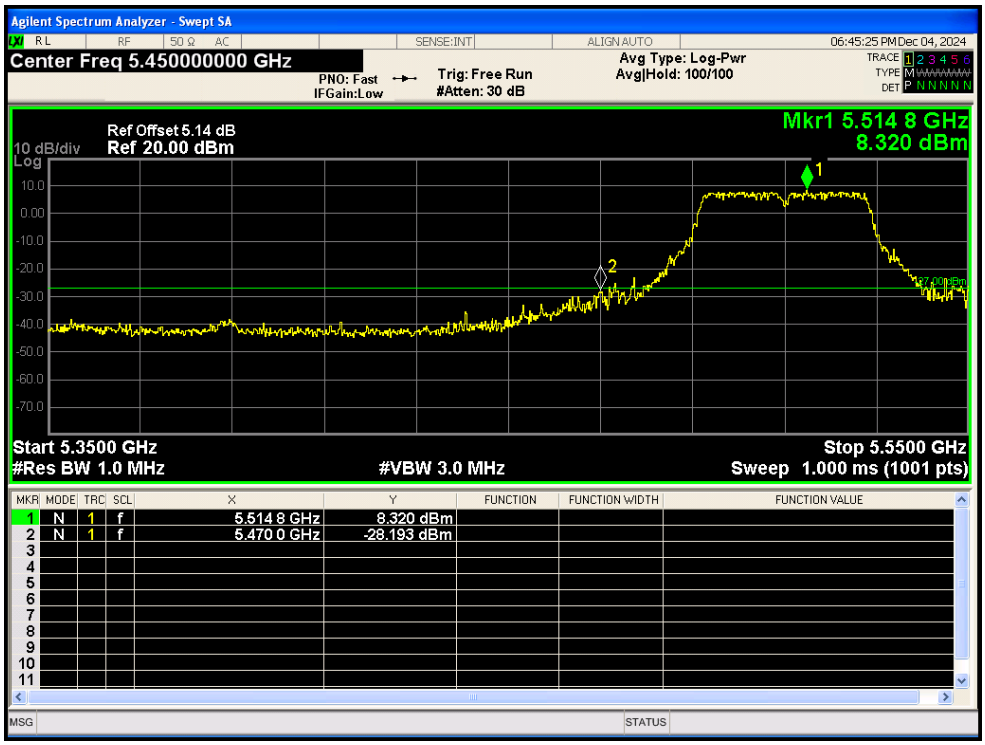
Band Edge NVNT ac20 5500MHz Low Ant1



Band Edge NVNT ac20 5700MHz High Ant1

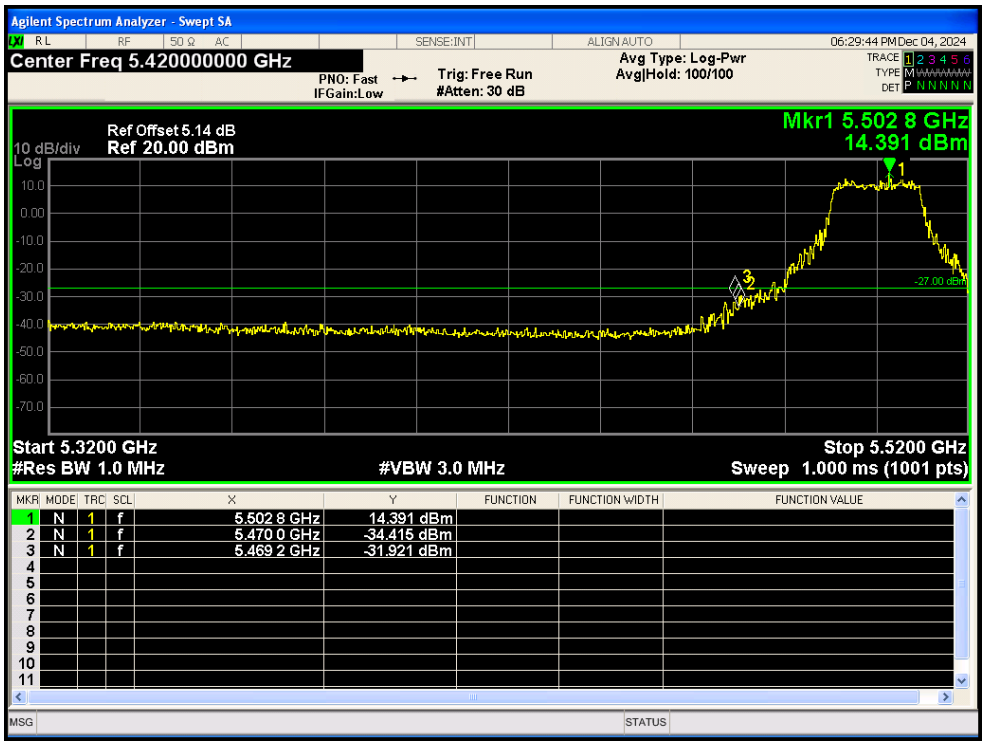


Band Edge NVNT ac40 5510MHz Low Ant1

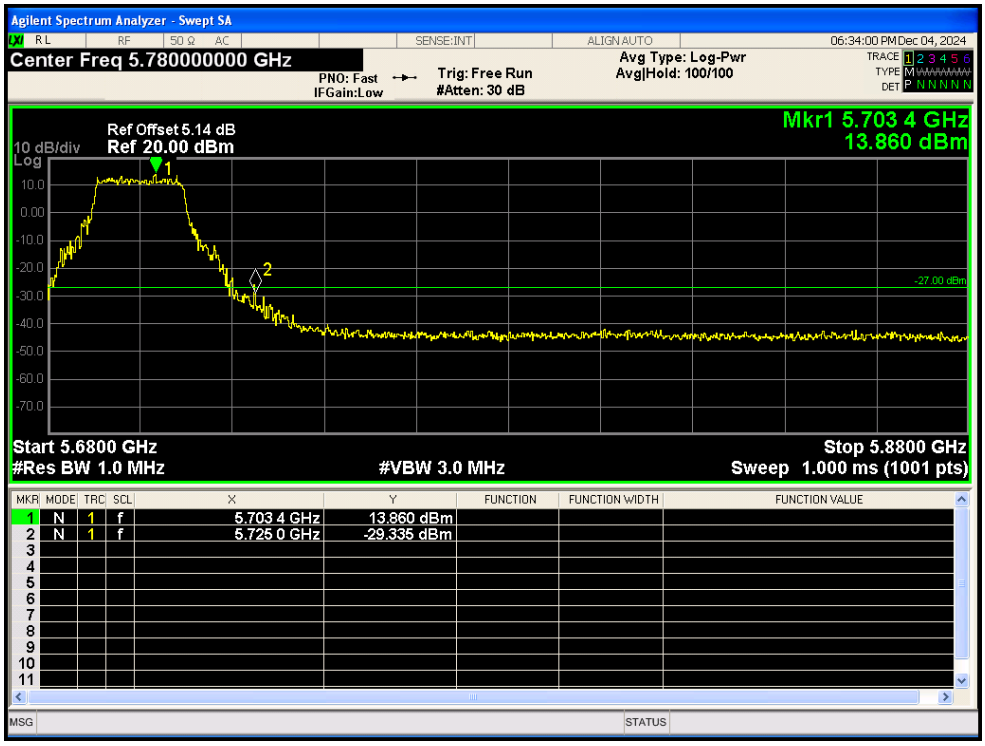


Band Edge NVNT ac40 5670MHz High Ant1

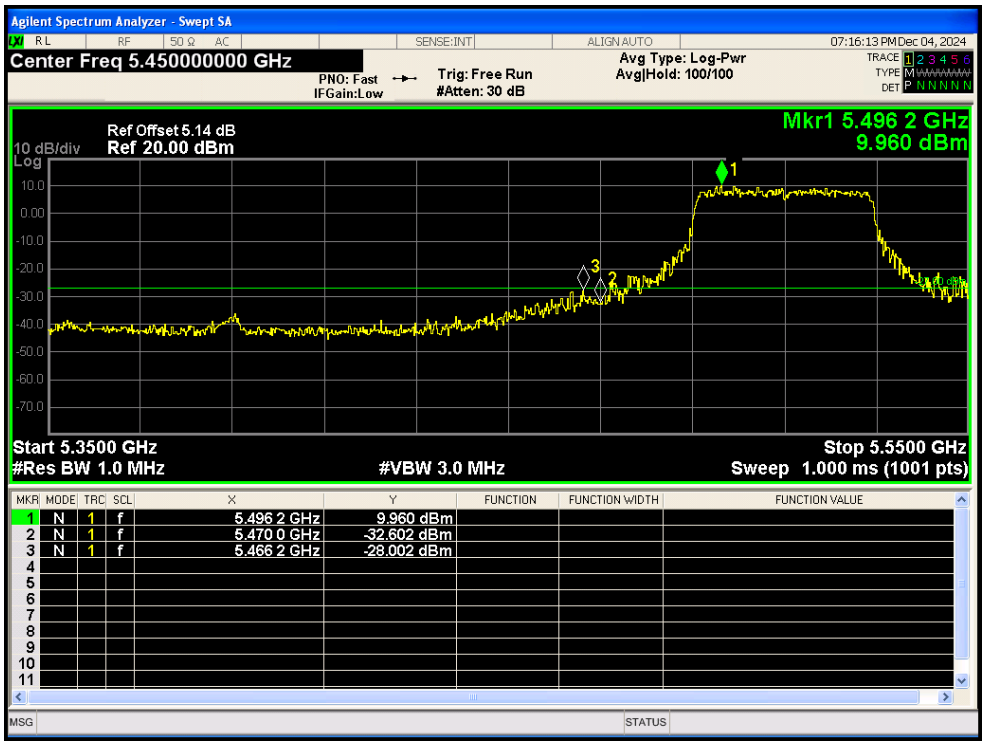
Band Edge NVNT ax20 5500MHz Low Ant1



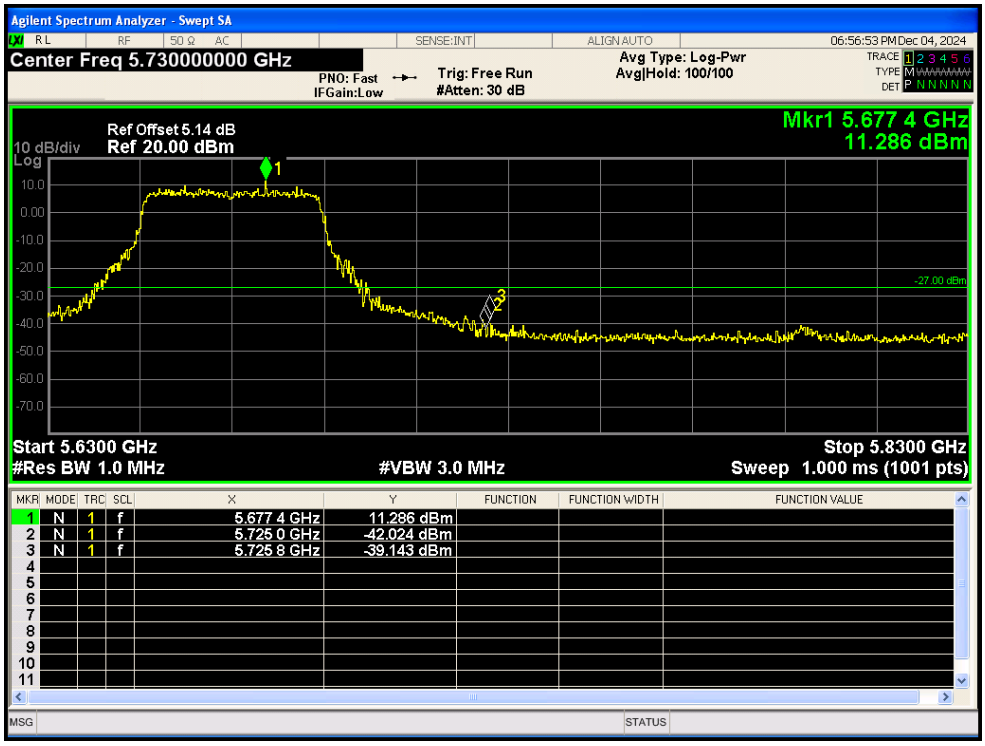
Band Edge NVNT ax20 5700MHz High Ant1



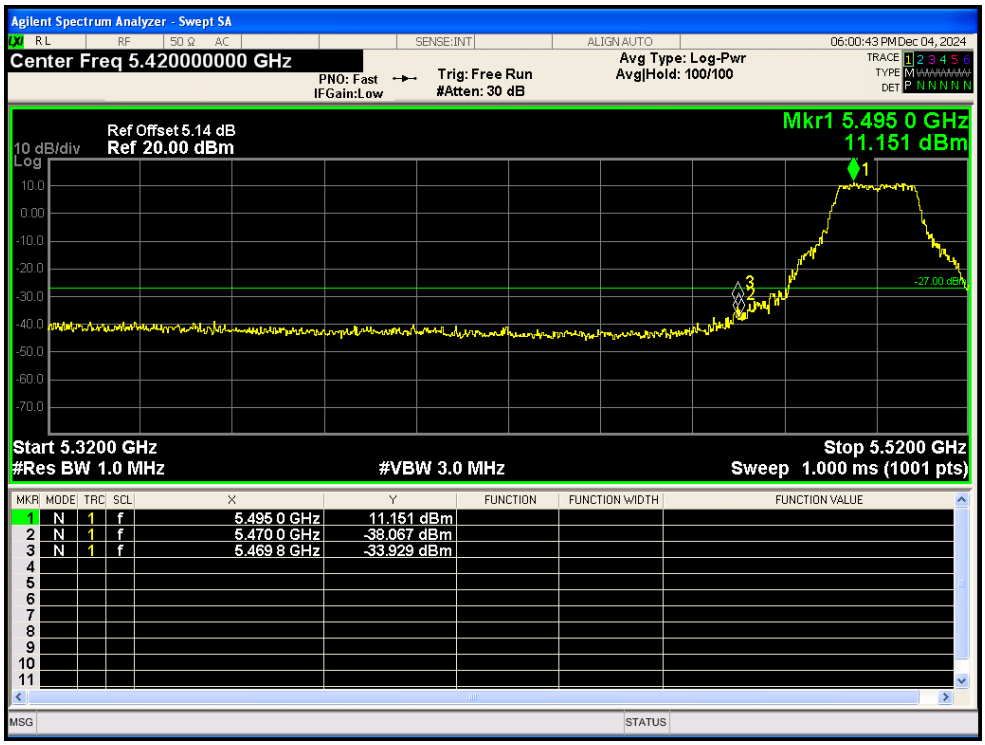
Band Edge NVNT ax40 5510MHz Low Ant1



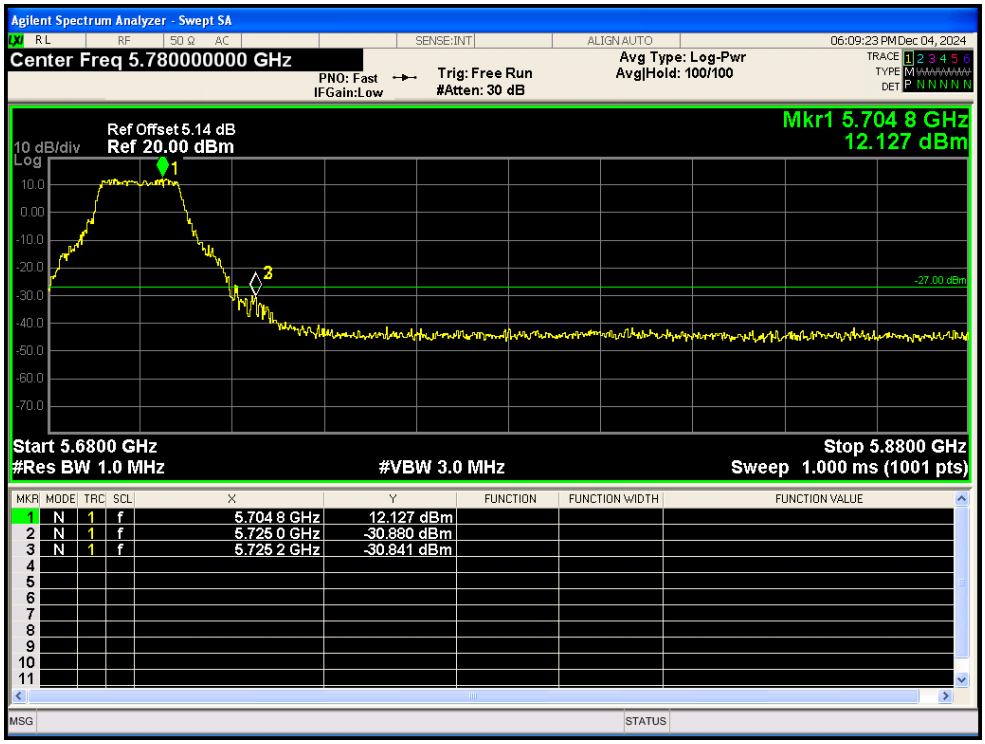
Band Edge NVNT ax40 5670MHz High Ant1



Band Edge NVNT n20 5500MHz Low Ant1

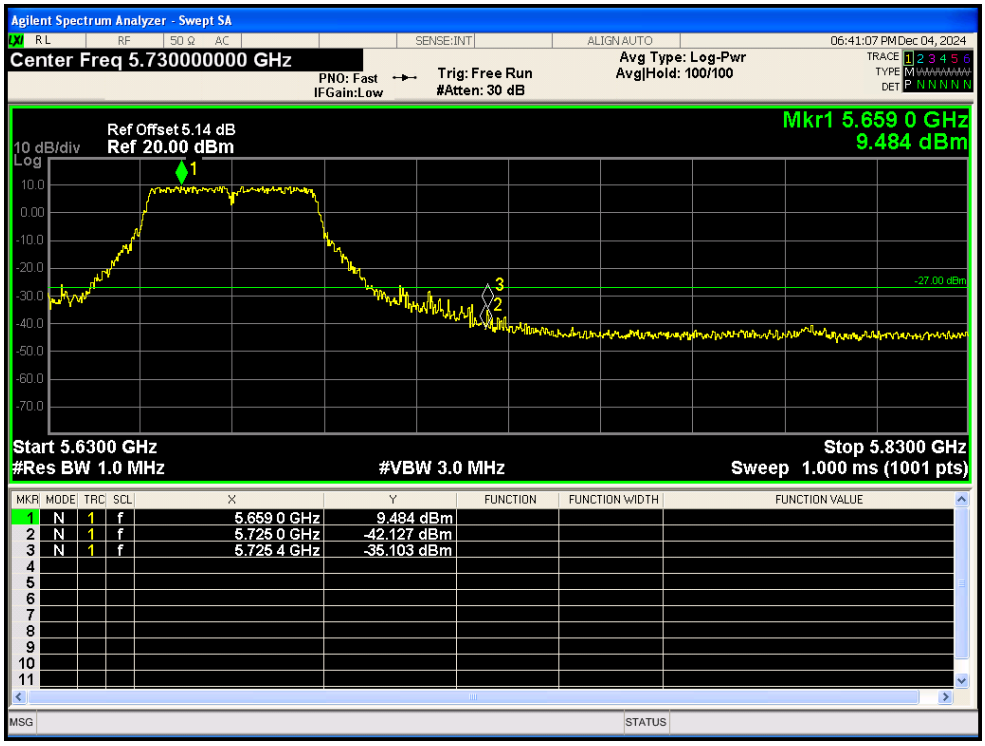


Band Edge NVNT n20 5700MHz High Ant1



Band Edge NVNT n40 5510MHz Low Ant1

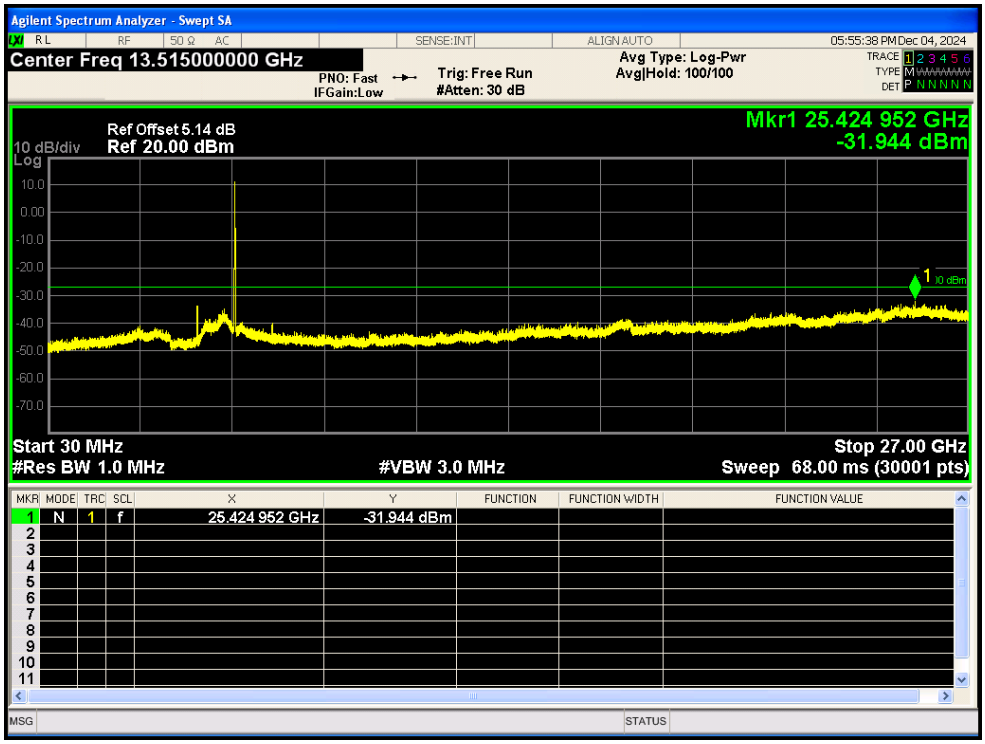
Band Edge NVNT n40 5670MHz High Ant1



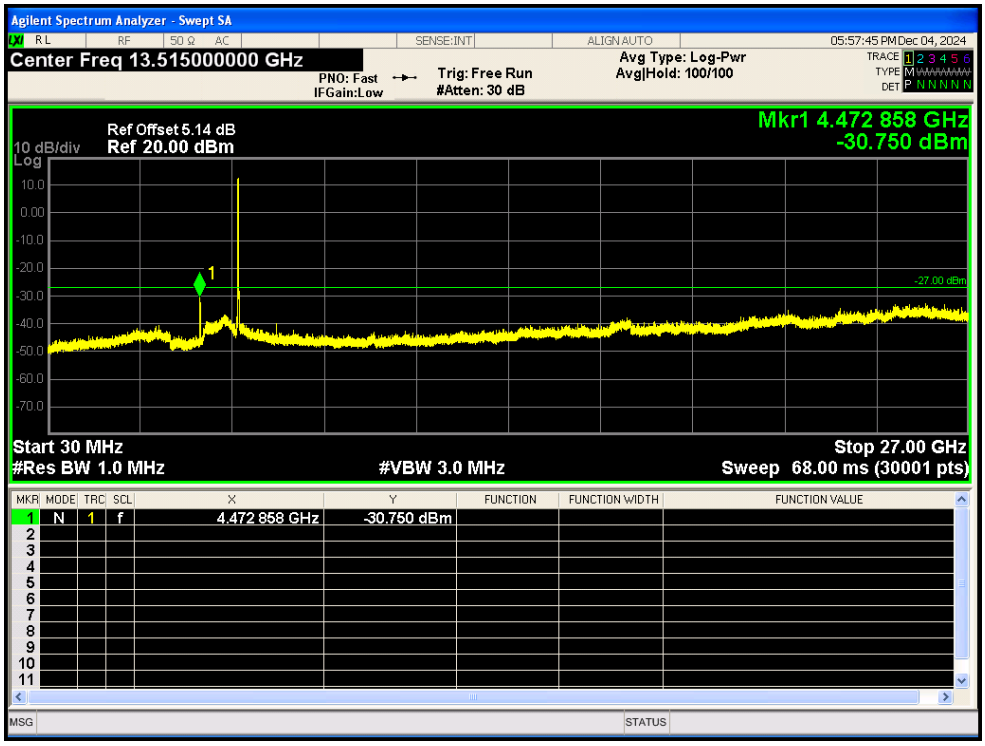
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-31.94	-27	Pass
NVNT	a	5600	Ant1	-30.75	-27	Pass
NVNT	a	5700	Ant1	-30.17	-27	Pass
NVNT	ac20	5500	Ant1	-33.17	-27	Pass
NVNT	ac20	5600	Ant1	-32.05	-27	Pass
NVNT	ac20	5700	Ant1	-29.76	-27	Pass
NVNT	ac40	5510	Ant1	-29.56	-27	Pass
NVNT	ac40	5590	Ant1	-27.93	-27	Pass
NVNT	ac40	5670	Ant1	-27.36	-27	Pass
NVNT	ax20	5500	Ant1	-31.71	-27	Pass
NVNT	ax20	5600	Ant1	-30.49	-27	Pass
NVNT	ax20	5700	Ant1	-28.68	-27	Pass
NVNT	ax40	5510	Ant1	-28.45	-27	Pass
NVNT	ax40	5590	Ant1	-28.32	-27	Pass
NVNT	ax40	5670	Ant1	-29.04	-27	Pass
NVNT	n20	5500	Ant1	-33.02	-27	Pass
NVNT	n20	5600	Ant1	-31.2	-27	Pass
NVNT	n20	5700	Ant1	-30.46	-27	Pass
NVNT	n40	5510	Ant1	-30.54	-27	Pass
NVNT	n40	5590	Ant1	-27.81	-27	Pass
NVNT	n40	5670	Ant1	-27.1	-27	Pass

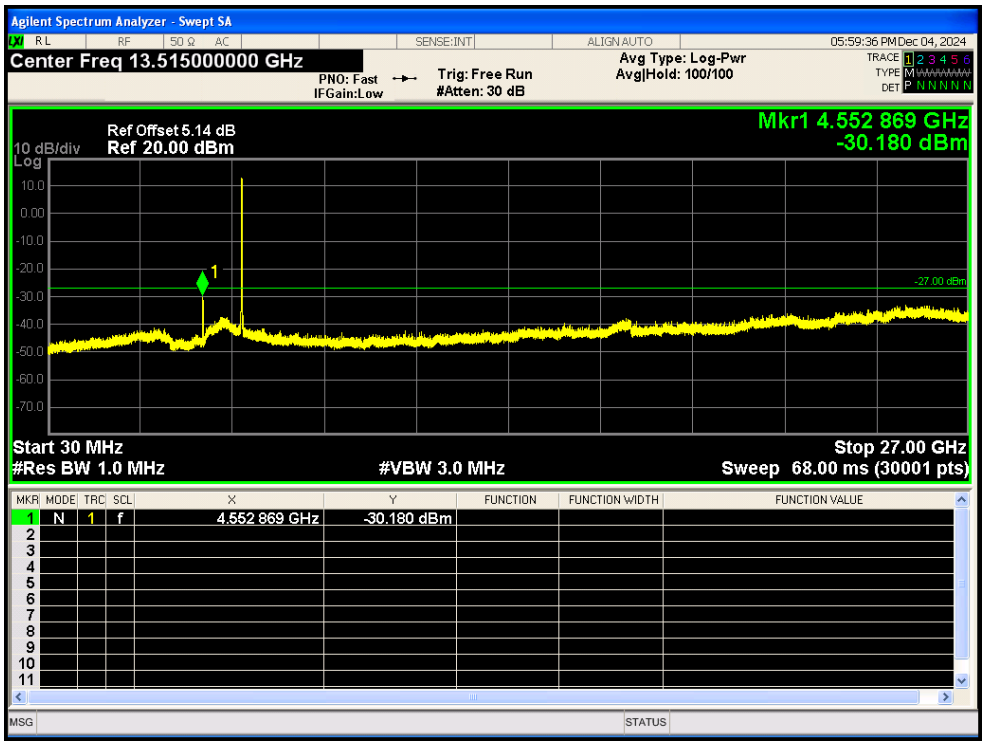
Tx. Spurious NVNT a 5500MHz Ant1 Emission



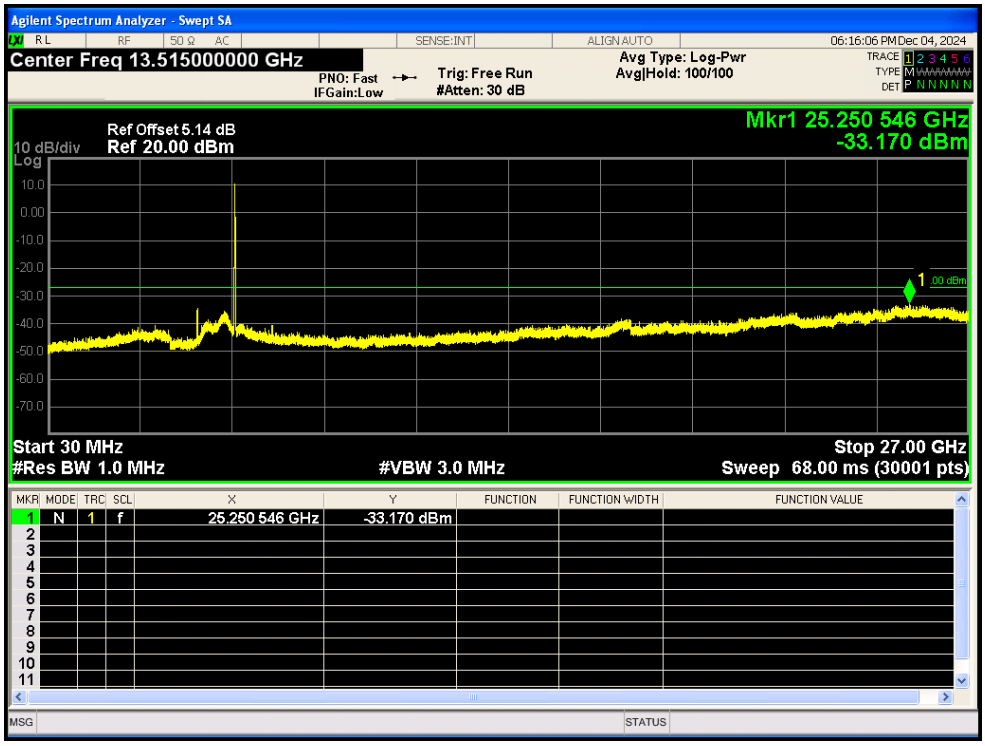
Tx. Spurious NVNT a 5600MHz Ant1 Emission



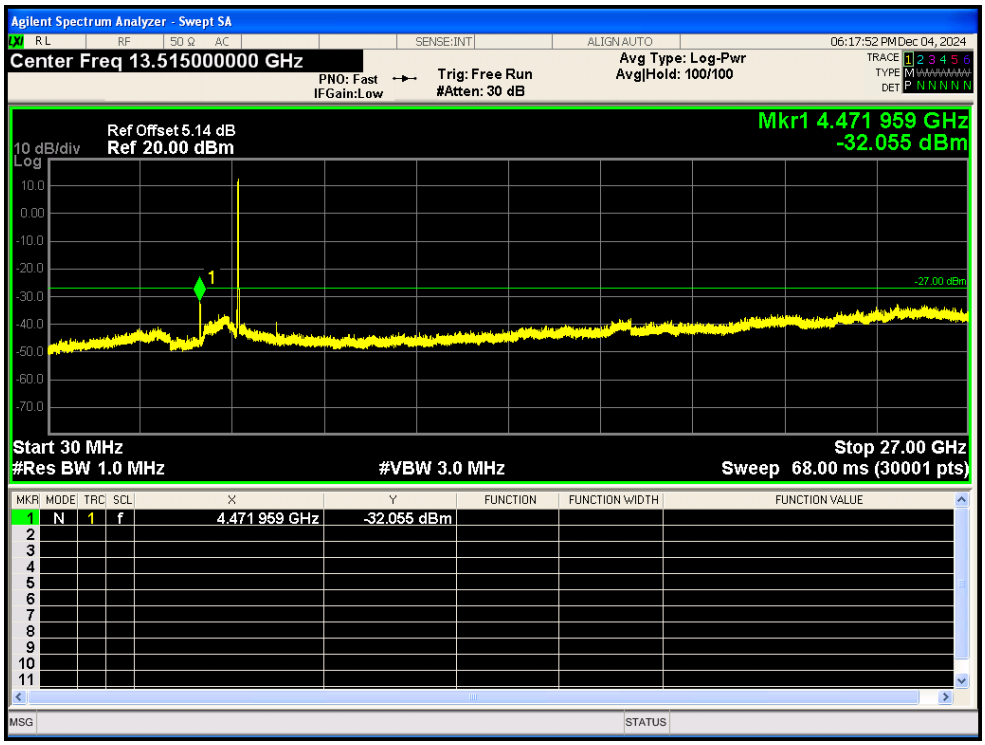
Tx. Spurious NVNT a 5700MHz Ant1 Emission



Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



Tx. Spurious NVNT ac20 5600MHz Ant1 Emission



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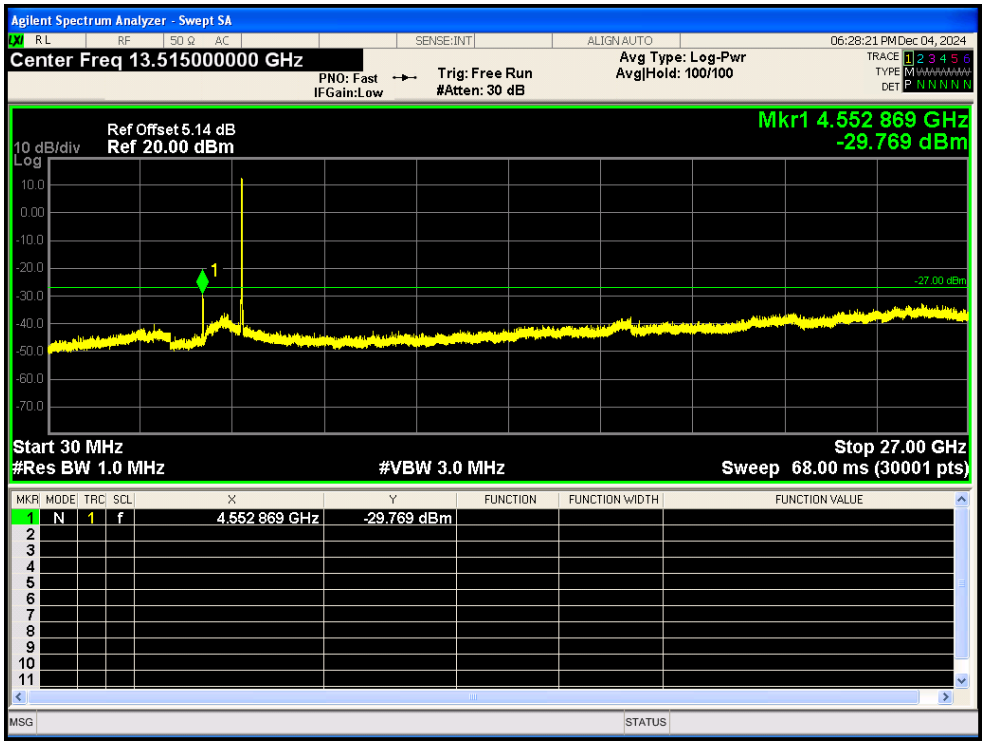
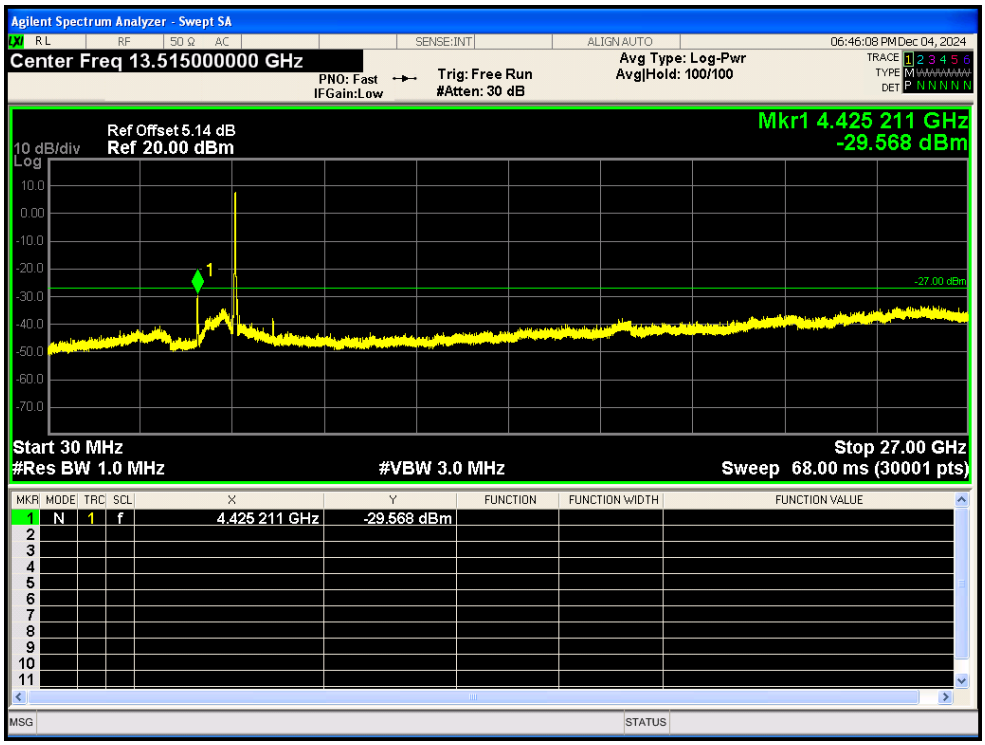
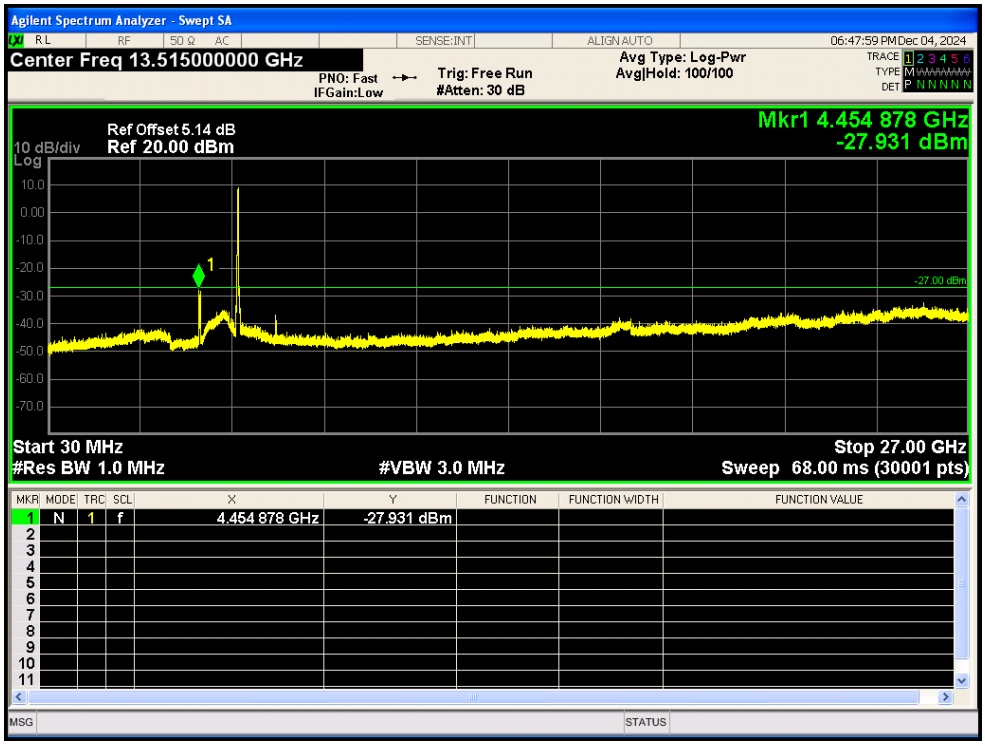


Tx. Spurious NVNT ac40 5510MHz Ant1 Emission



Tx. Spurious NVNT ac40 5590MHz Ant1 Emission



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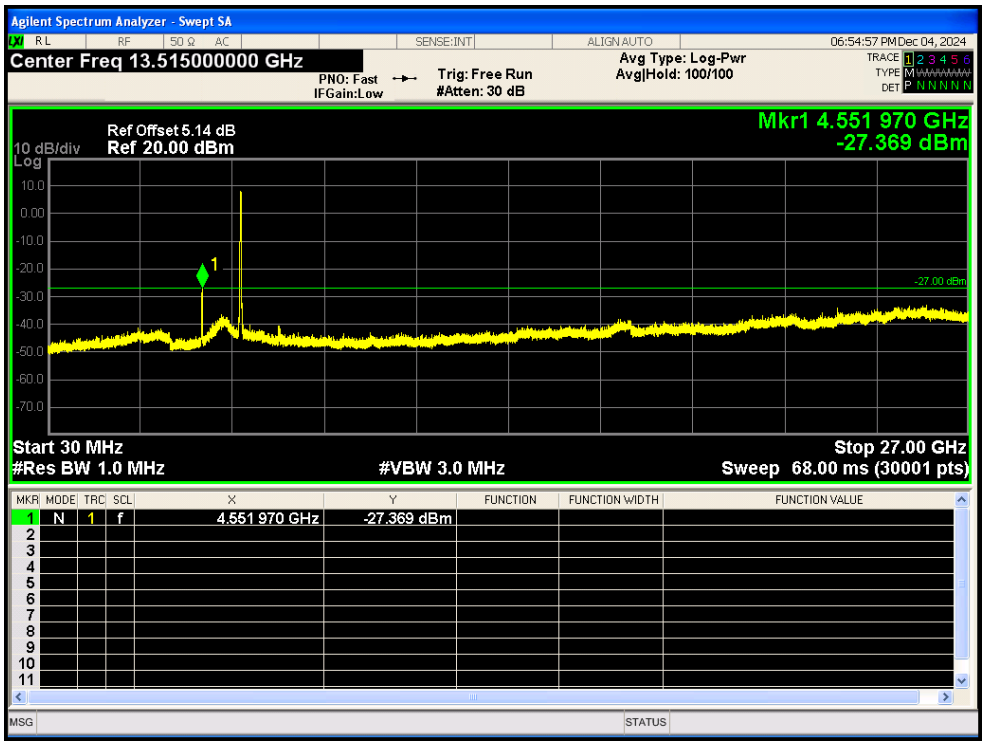
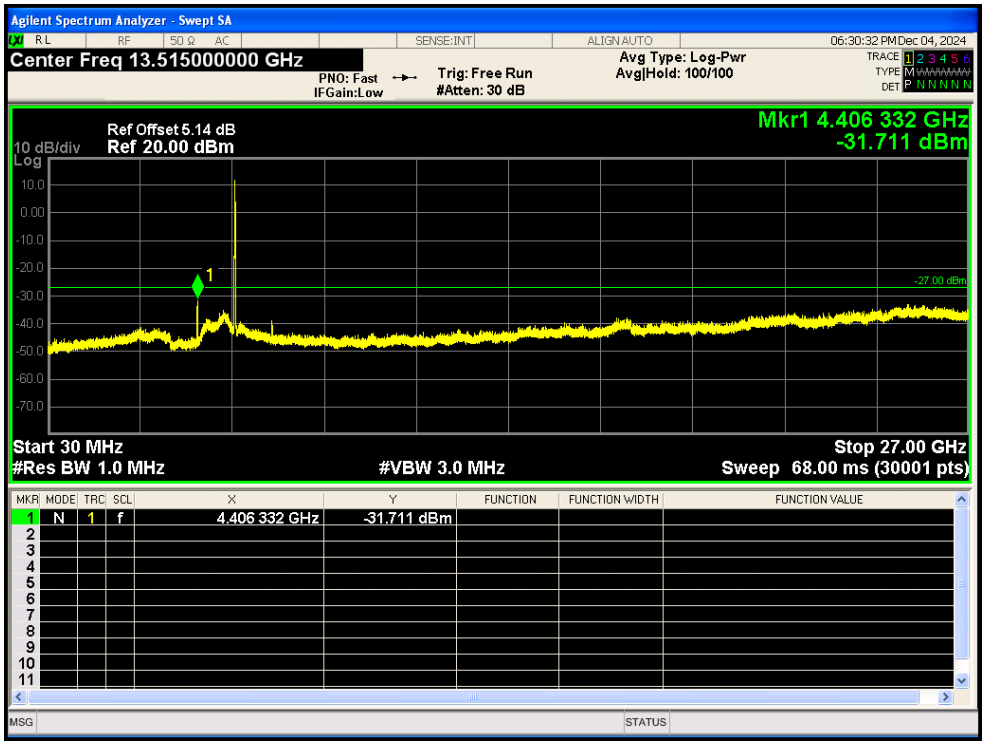
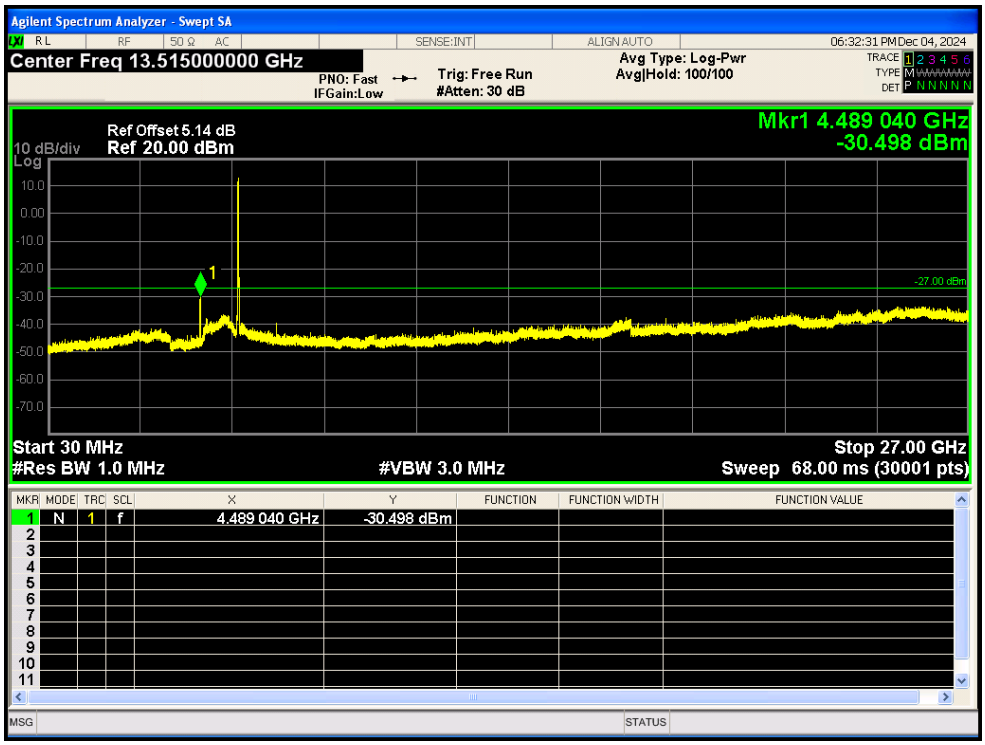


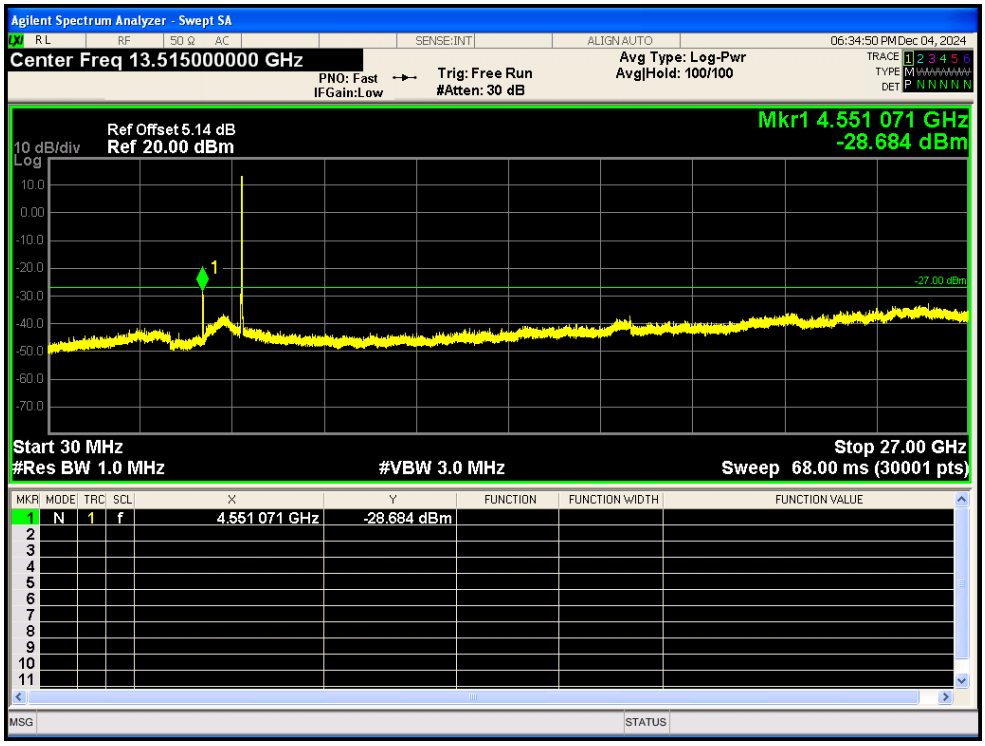
Tx. Spurious NVNT ax20 5500MHz Ant1 Emission



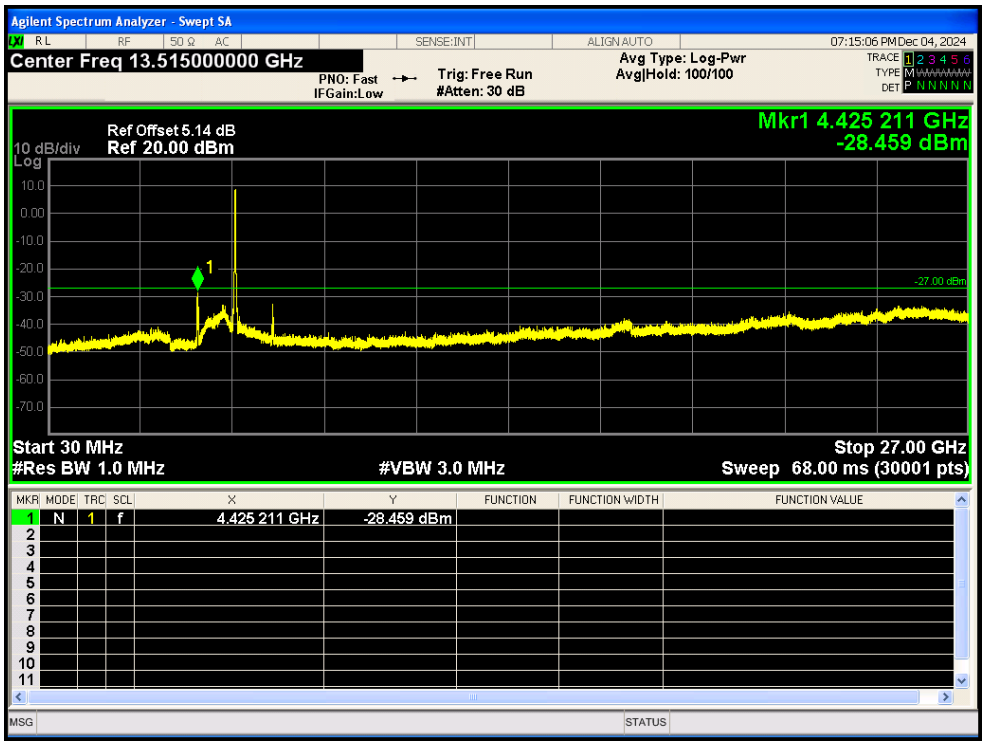
Tx. Spurious NVNT ax20 5600MHz Ant1 Emission



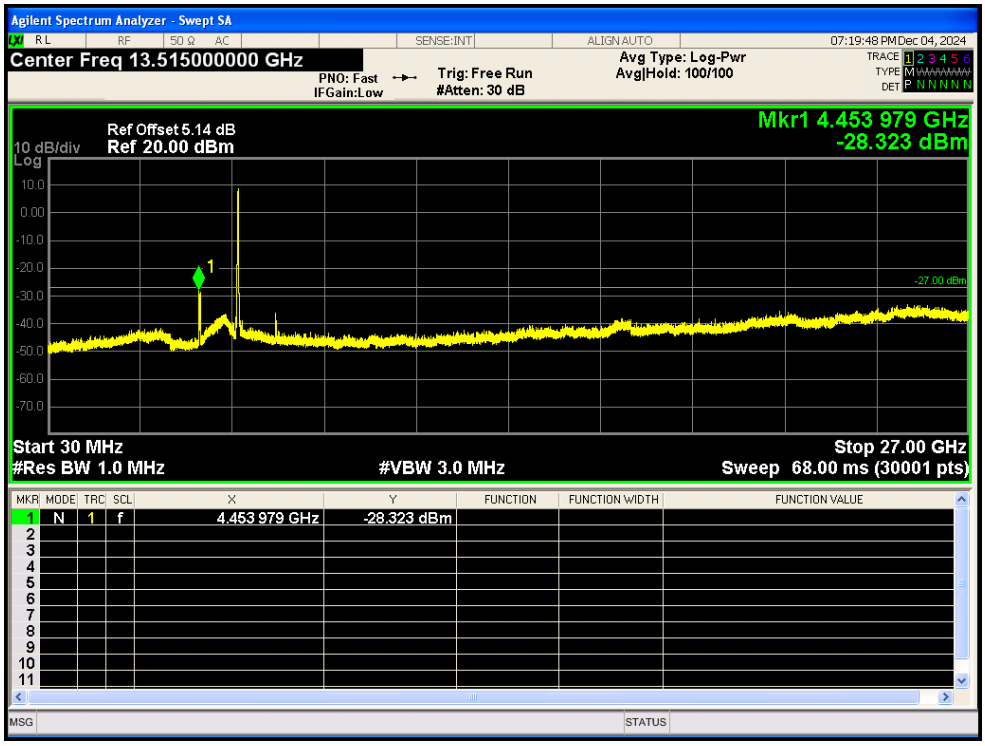
Tx. Spurious NVNT ax20 5700MHz Ant1 Emission



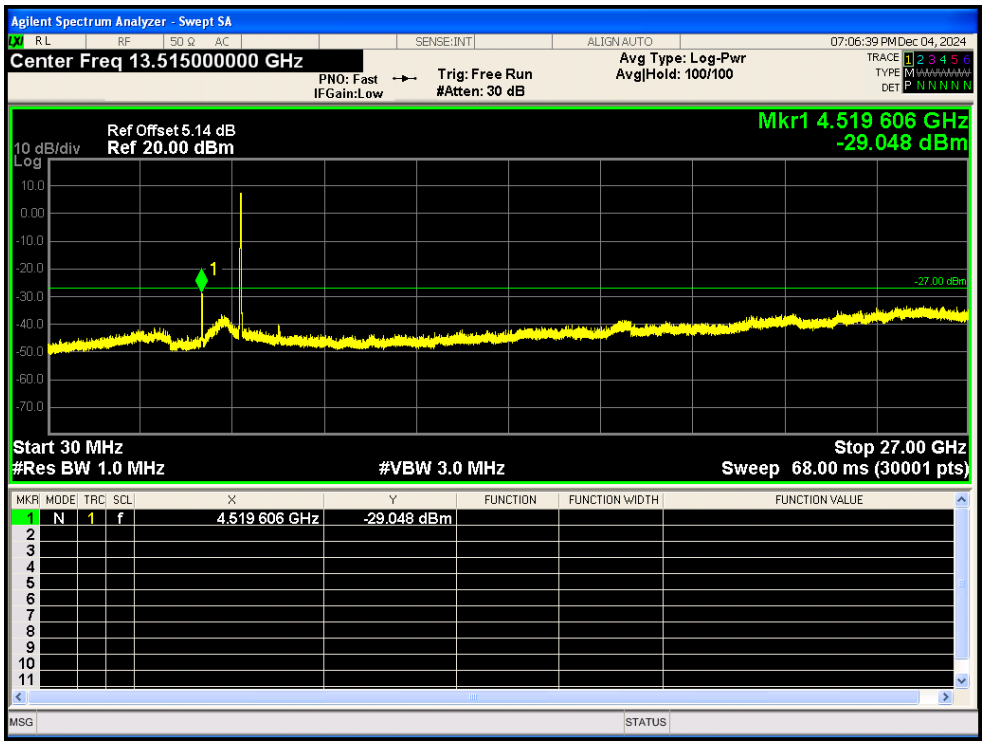
Tx. Spurious NVNT ax40 5510MHz Ant1 Emission



Tx. Spurious NVNT ax40 5590MHz Ant1 Emission



Tx. Spurious NVNT ax40 5670MHz Ant1 Emission



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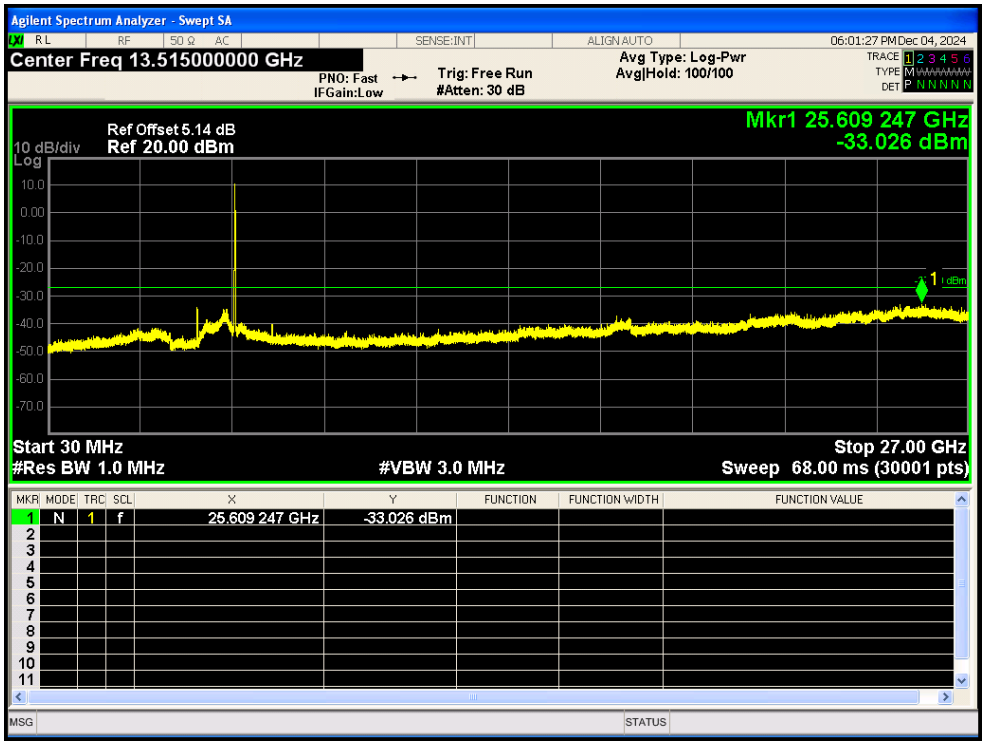

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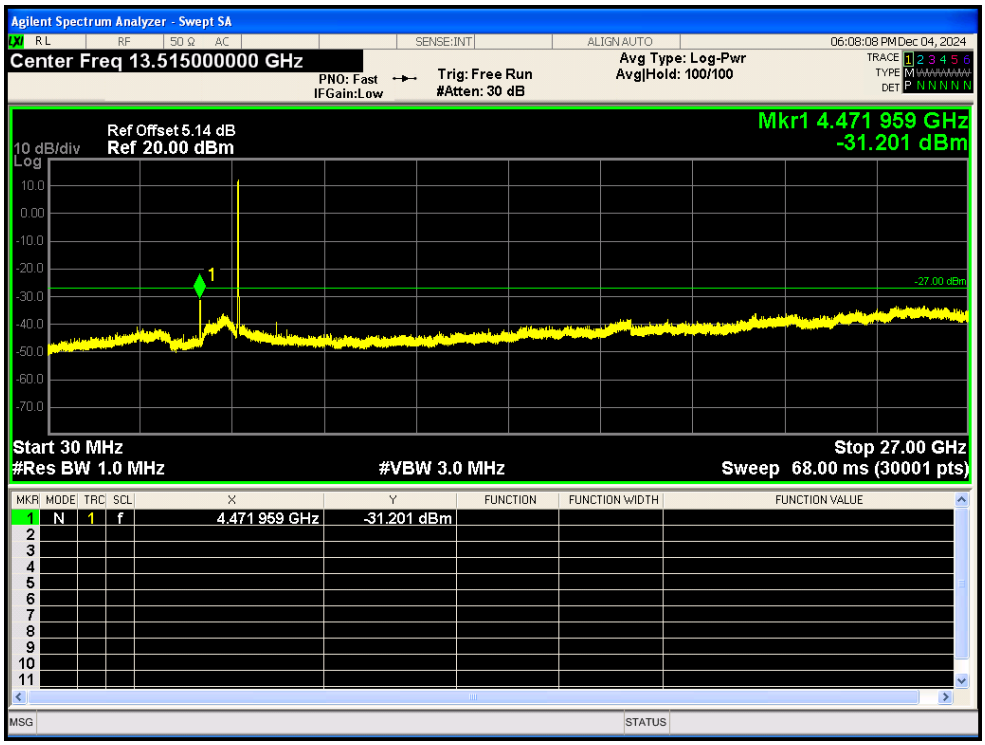
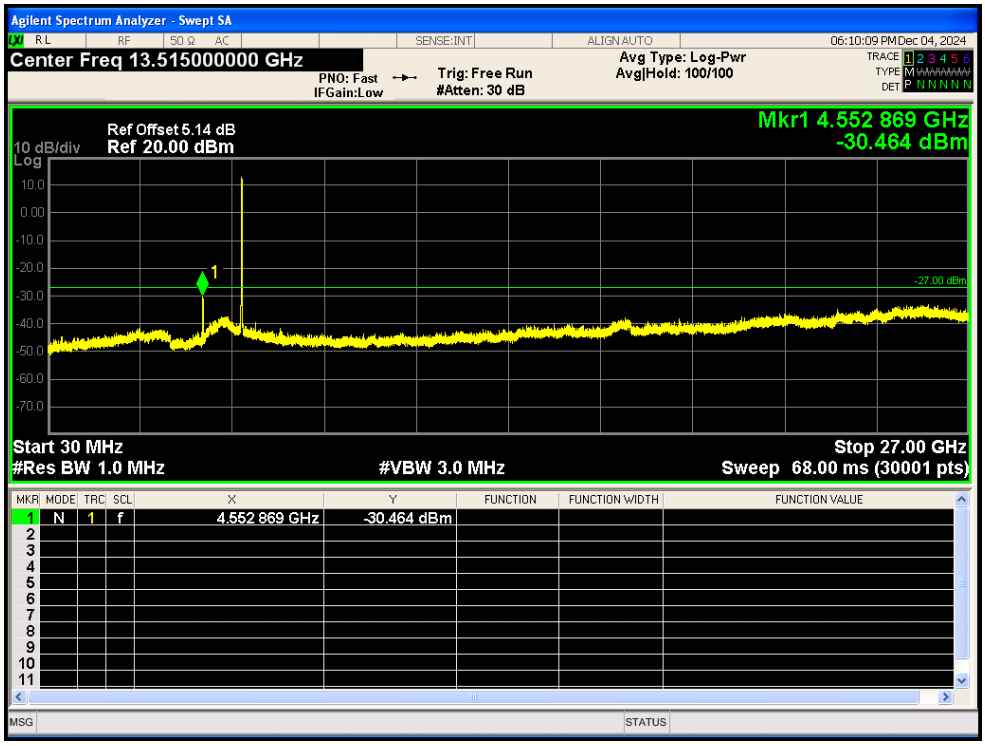


Tx. Spurious NVNT n20 5700MHz Ant1 Emission



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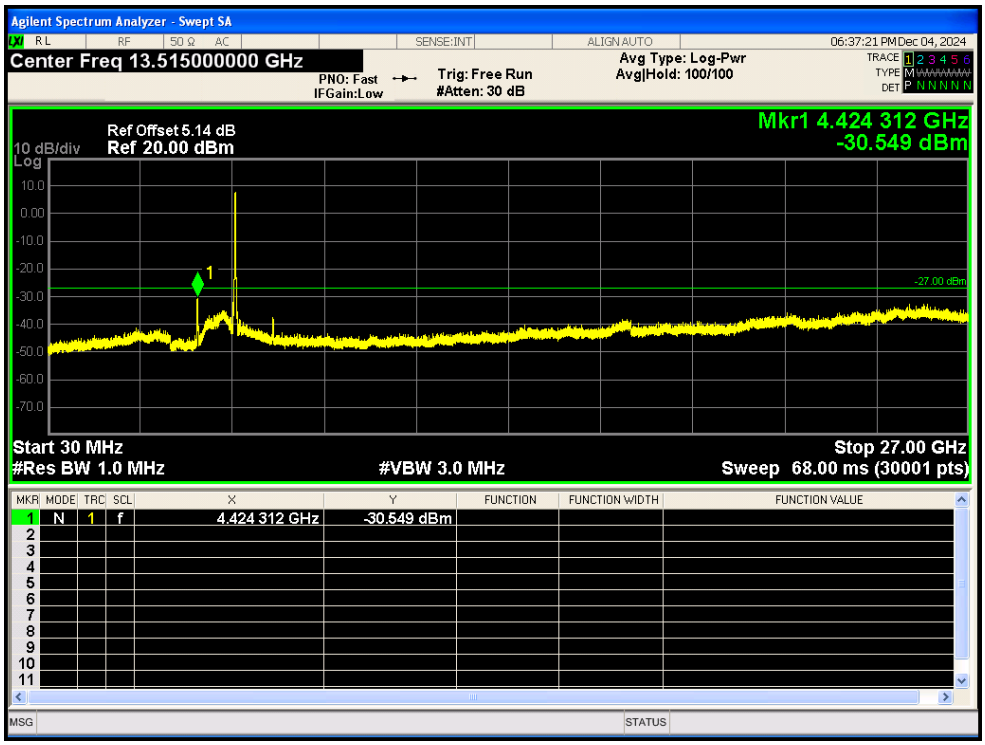

Tx. Spurious NVNT n40 5590MHz Ant1 Emission