Test plots as follows:

Test mode:	802.11n(HT20)	Frequency(MHz):	5180

Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Delta Frequency(Hz)	Result
45	3.7V	5180.0092	9200	PASS
35		5180.0064	6400	PASS
25		5179.9870	-13000	PASS
15		5179.9981	-1900	PASS
5		5180.0034	3400	PASS
0		5180.0045	4500	PASS
20	3.2V	5179.9839	-16100	PASS
	3.7V	5180.0036	3600	PASS
	4.2V	5179.9827	-17300	PASS

Test mode:	802.11n(HT20)	Frequency(MHz):	5200

Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Delta Frequency(Hz)	Result
45	3.7V	5200.0094	9400	PASS
35		5200.0085	8500	PASS
25		5200.0071	7100	PASS
15		5200.0044	4400	PASS
5		5199.9983	-1700	PASS
0		5199.9872	-12800	PASS
20	3.2V	5199.9955	-4500	PASS
	3.7V	5200.0039	3900	PASS
	4.2V	5200.0056	5600	PASS

Test mode:	802.11n(HT20)	Frequency(MHz):	5240

Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Delta Frequency(Hz)	Result
45	3.7V	5240.0047	4700	PASS
35		5240.0020	2000	PASS
25		5240.0025	2500	PASS
15		5239.9992	-800	PASS
5		5239.9981	-1900	PASS
0		5239.9977	-2300	PASS
20	3.2V	5240.0034	3400	PASS
	3.7V	5240.0015	1500	PASS
	4.2V	5239.9986	-1400	PASS

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Test mode:	802.11n(HT20)	Frequency(MHz):	5745

Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Delta Frequency(Hz)	Result
45	3.7V	5745.0019	1900	PASS
35		5745.0014	1400	PASS
25		5744.9965	-3500	PASS
15		5744.9953	-4700	PASS
5		5745.0034	3400	PASS
0		5745.0041	4100	PASS
20	3.2V	5745.0072	7200	PASS
	3.7V	5745.0075	7500	PASS
	4.2V	5745.0026	2600	PASS

Test mode:	802.11n(HT20)	Frequency(MHz):	5785

Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Delta Frequency(Hz)	Result
45	3.7V	5785.0085	8500	PASS
35		5785.0031	3100	PASS
25		5785.0027	2700	PASS
15		5784.9982	-1800	PASS
5		5785.0023	2300	PASS
0		5784.9975	-2500	PASS
20	3.2V	5785.0056	5600	PASS
	3.7V	5785.0028	2800	PASS
	4.2V	5784.9974	-2600	PASS

Test mode:	802.11n(HT20)	Frequency(MHz):	5825

Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Delta Frequency(Hz)	Result
45	3.7V	5824.9805	-19500	PASS
35		5825.0081	8100	PASS
25		5824.9950	-5000	PASS
15		5824.9982	-1800	PASS
5		5825.0013	1300	PASS
0		5825.0045	4500	PASS
20	3.2V	5825.0047	4700	PASS
	3.7V	5824.9984	-1600	PASS
	4.2V	5825.0026	2600	PASS

Test mode:	802.11n(HT40)	Frequency(MHz):	5190

Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Delta Frequency(Hz)	Result
45	3.7V	5190.0121	12100	PASS
35		5190.0114	11400	PASS
25		5190.0102	10200	PASS
15		5190.0035	3500	PASS
5		5190.0066	6600	PASS
0		5190.0077	7700	PASS
20	3.2V	5189.9919	-8100	PASS
	3.7V	5189.9973	-2700	PASS
	4.2V	5190.0048	4800	PASS

Test mode:	802.11n(HT40)	Frequency(MHz):	5230

Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Delta Frequency(Hz)	Result
45	3.7V	5230.0115	11500	PASS
35		5230.0122	12200	PASS
25		5230.0091	9100	PASS
15		5229.9983	-1700	PASS
5		5229.9980	-2000	PASS
0		5230.0057	5700	PASS
20	3.2V	5230.0044	4400	PASS
	3.7V	5230.0026	2600	PASS
	4.2V	5229.9978	-2200	PASS

Test mode:	802.11n(HT40)	Frequency(MHz):	5755

Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Delta Frequency(Hz)	Result
45	3.7V	5755.0101	10100	PASS
35		5755.0025	2500	PASS
25		5755.0113	11300	PASS
15		5755.0094	9400	PASS
5		5755.0030	3000	PASS
0		5755.0076	7600	PASS
20	3.2V	5755.0042	4200	PASS
	3.7V	5755.0038	3800	PASS
	4.2V	5755.0067	6700	PASS

Test mode:	802.11n(HT40)	Frequency(MHz):	5795

Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Delta Frequency(Hz)	Result
45	3.7V	5794.9807	-19300	PASS
35		5794.9844	-15600	PASS
25		5795.0042	4200	PASS
15		5795.0036	3600	PASS
5		5795.0021	2100	PASS
0		5795.0060	6000	PASS
20	3.2V	5795.0058	5800	PASS
	3.7V	5794.9982	-1800	PASS
	4.2V	5795.0089	8900	PASS

Test mode:	802.11n(VHT80)	Frequency(MHz):	5210

Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Delta Frequency(Hz)	Result
45	3.7V	5209.9809	-19100	PASS
35		5209.9841	-15900	PASS
25		5210.0045	4500	PASS
15		5210.0032	3200	PASS
5		5210.0027	2700	PASS
0		5210.0063	6300	PASS
20	3.2V	5210.0055	5500	PASS
	3.7V	5209.9982	-1800	PASS
	4.2V	5210.0087	8700	PASS

Test mode:	802.11n(VHT80)	Frequency(MHz):	5775

Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Delta Frequency(Hz)	Result
45	3.7V	5775.0049	4900	PASS
35		5774.9972	-2800	PASS
25		5775.0041	4100	PASS
15		5775.0035	3500	PASS
5		5774.9968	-3200	PASS
0		5775.0064	6400	PASS
20	3.2V	5775.0055	5500	PASS
	3.7V	5774.9986	-1400	PASS
	4.2V	5775.0080	8000	PASS

Appendix A: Test Result of Conducted Test

Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	100	0
NVNT	a	5200	100	0
NVNT	a	5240	100	0
NVNT	ac20	5180	100	0
NVNT	ac20	5200	100	0
NVNT	ac20	5240	100	0
NVNT	ac40	5190	100	0
NVNT	ac40	5230	100	0
NVNT	ac80	5210	100	0
NVNT	n20	5180	100	0
NVNT	n20	5200	100	0
NVNT	n20	5240	100	0
NVNT	n40	5190	100	0
NVNT	n40	5230	100	0
NVNT	a	5260	100	0
NVNT	a	5280	100	0
NVNT	a	5320	100	0
NVNT	ac20	5260	100	0
NVNT	ac20	5280	100	0
NVNT	ac20	5320	100	0
NVNT	ac40	5270	100	0
NVNT	ac40	5310	100	0
NVNT	ac80	5290	100	0
NVNT	n20	5260	100	0
NVNT	n20	5280	100	0
NVNT	n20	5320	100	0
NVNT	n40	5270	100	0
NVNT	n40	5310	100	0
NVNT	a	5500	100	0
NVNT	a	5600	100	0
NVNT	a	5700	100	0
NVNT	ac20	5500	100	0
NVNT	ac20	5600	100	0
NVNT	ac20	5700	100	0
NVNT	ac40	5510	100	0
NVNT	ac40	5590	100	0
NVNT	ac40	5670	100	0
NVNT	ac80	5530	100	0
NVNT	ac80	5610	100	0
NVNT	n20	5500	100	0
NVNT	n20	5600	100	0
NVNT	n20	5700	100	0
NVNT	n40	5510	100	0
NVNT	n40	5590	100	0

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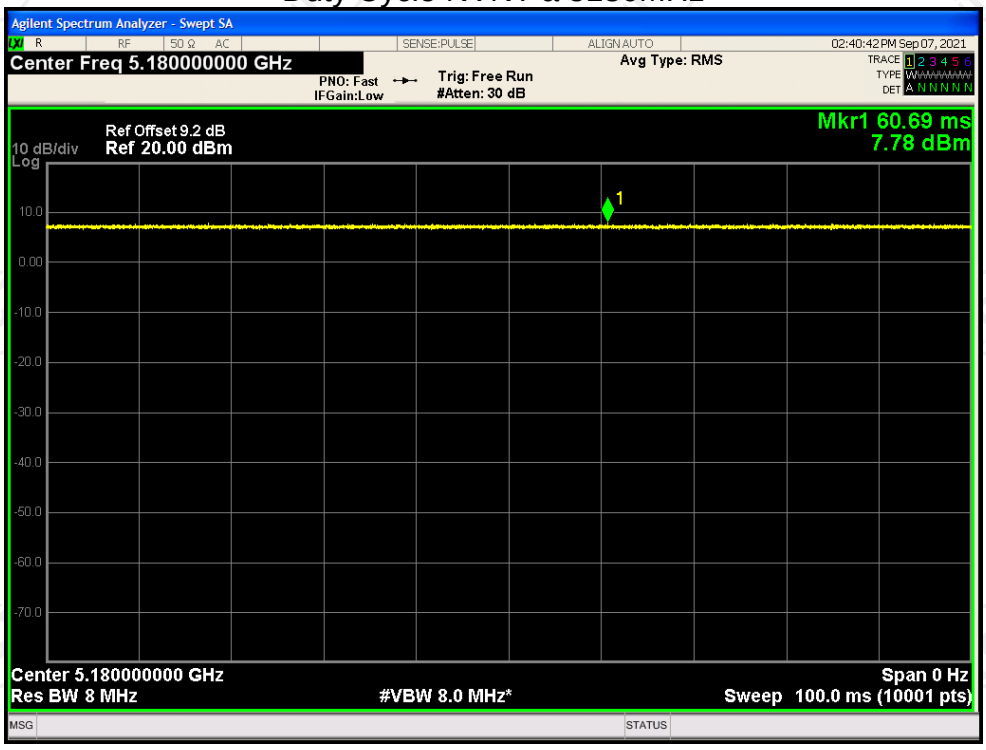
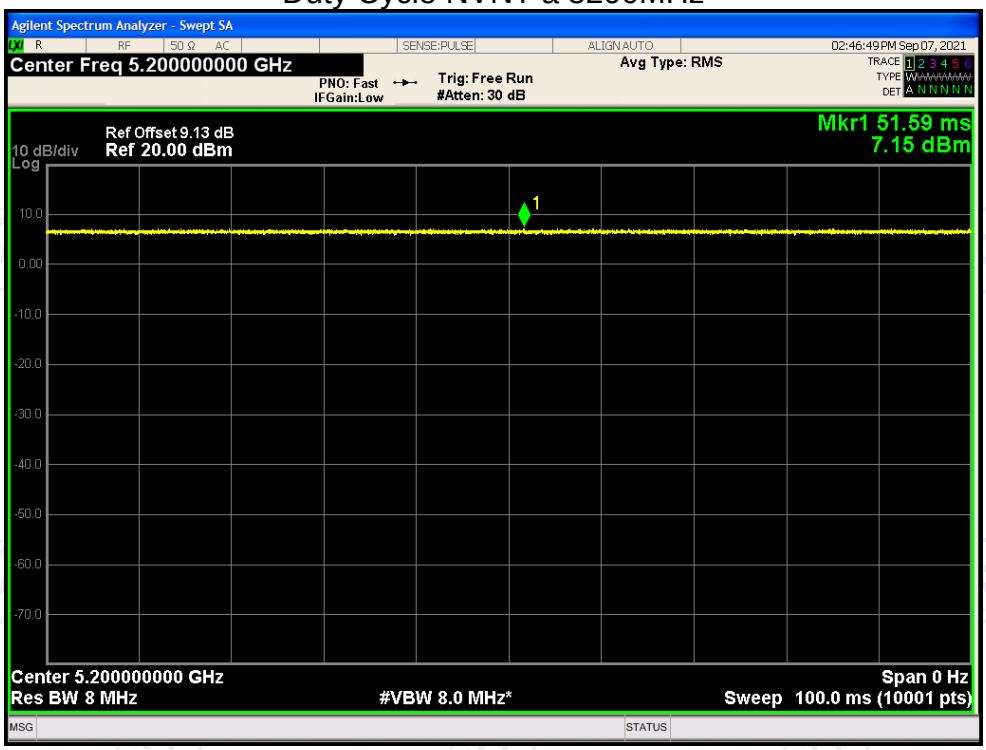
NVNT	n40	5670	100	0
NVNT	a	5745	100	0
NVNT	a	5785	100	0
NVNT	a	5825	100	0
NVNT	ac20	5745	100	0
NVNT	ac20	5785	100	0
NVNT	ac20	5825	100	0
NVNT	ac40	5755	100	0
NVNT	ac40	5795	100	0
NVNT	ac80	5775	100	0
NVNT	n20	5745	100	0
NVNT	n20	5785	100	0
NVNT	n20	5825	100	0
NVNT	n40	5755	100	0
NVNT	n40	5795	100	0

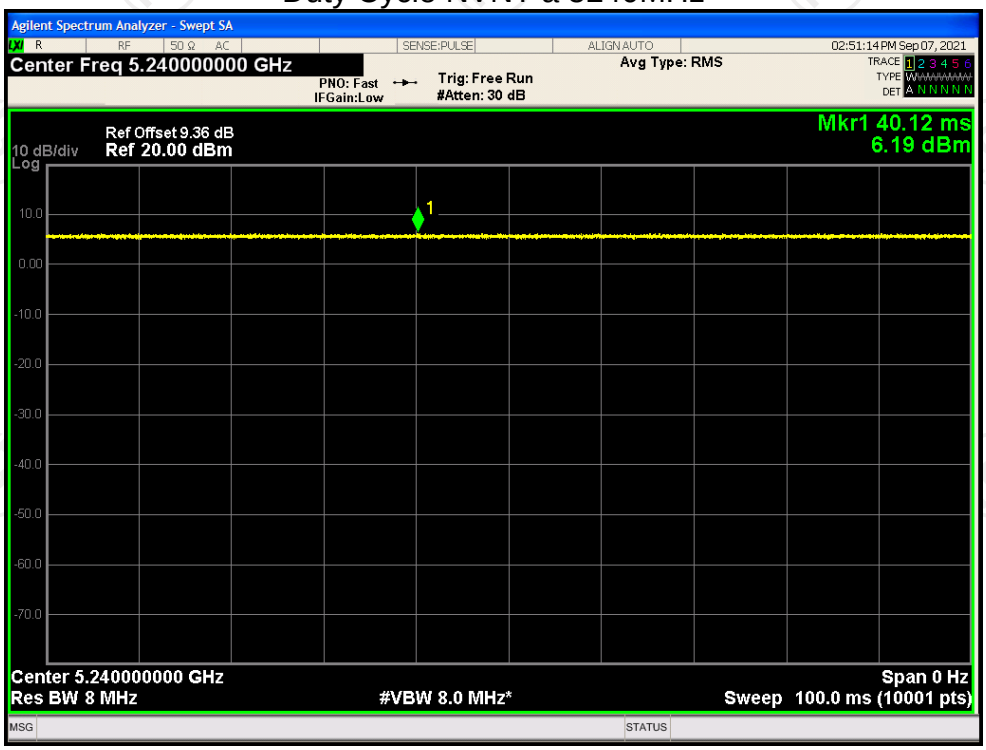
Duty Cycle NVNT a 5180MHz



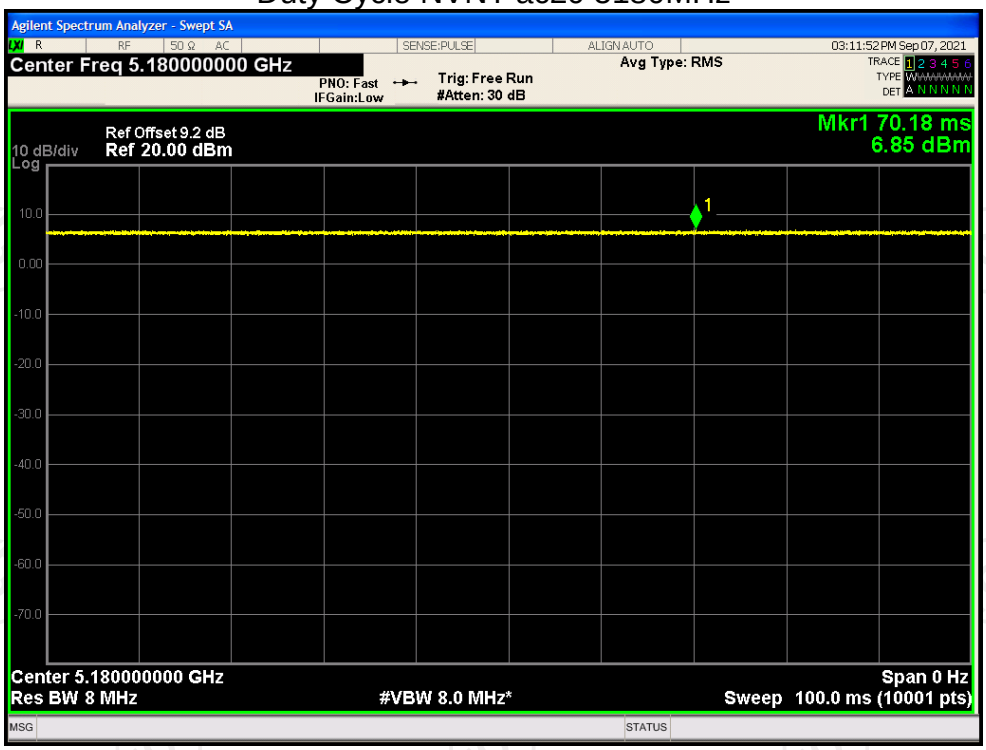
Duty Cycle NVNT a 5200MHz



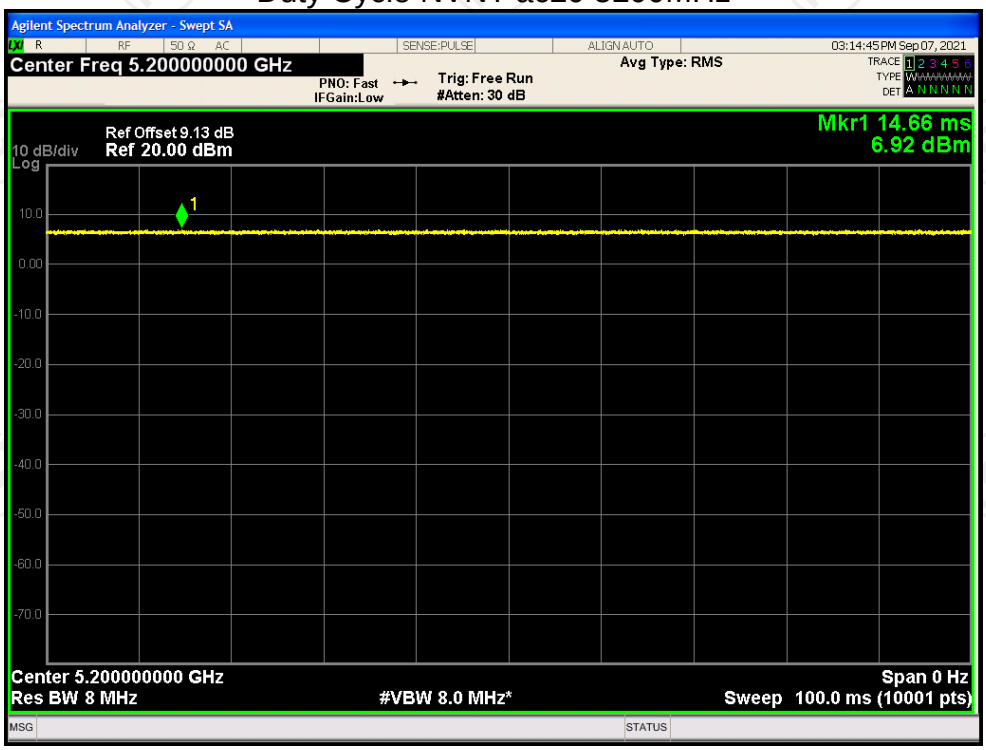
Duty Cycle NVNT a 5240MHz



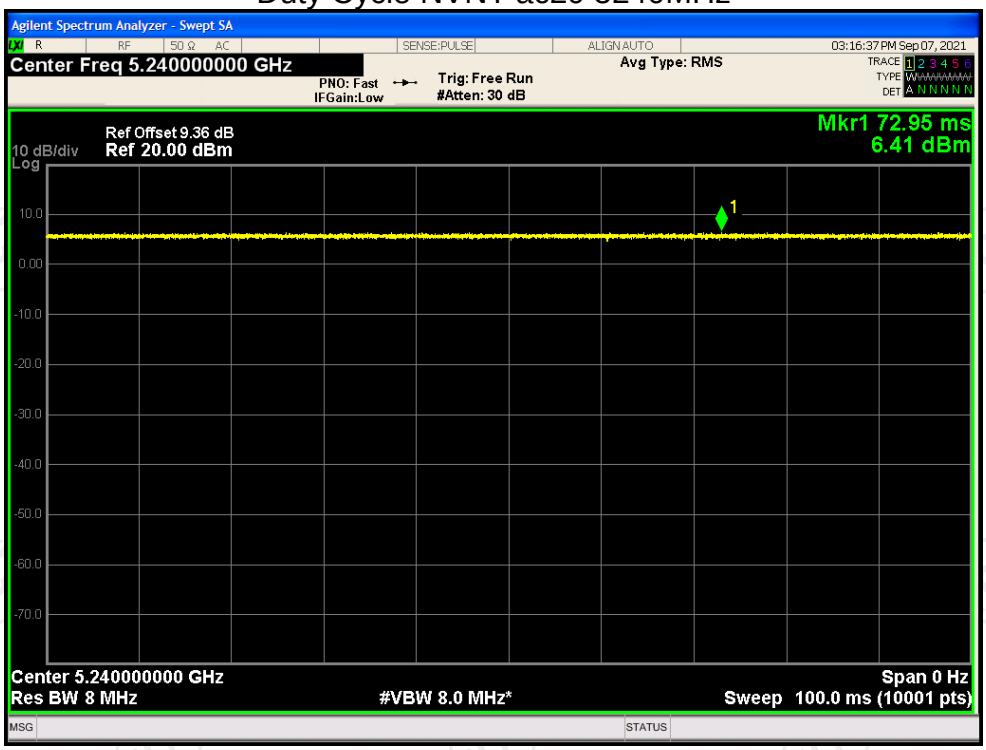
Duty Cycle NVNT ac20 5180MHz



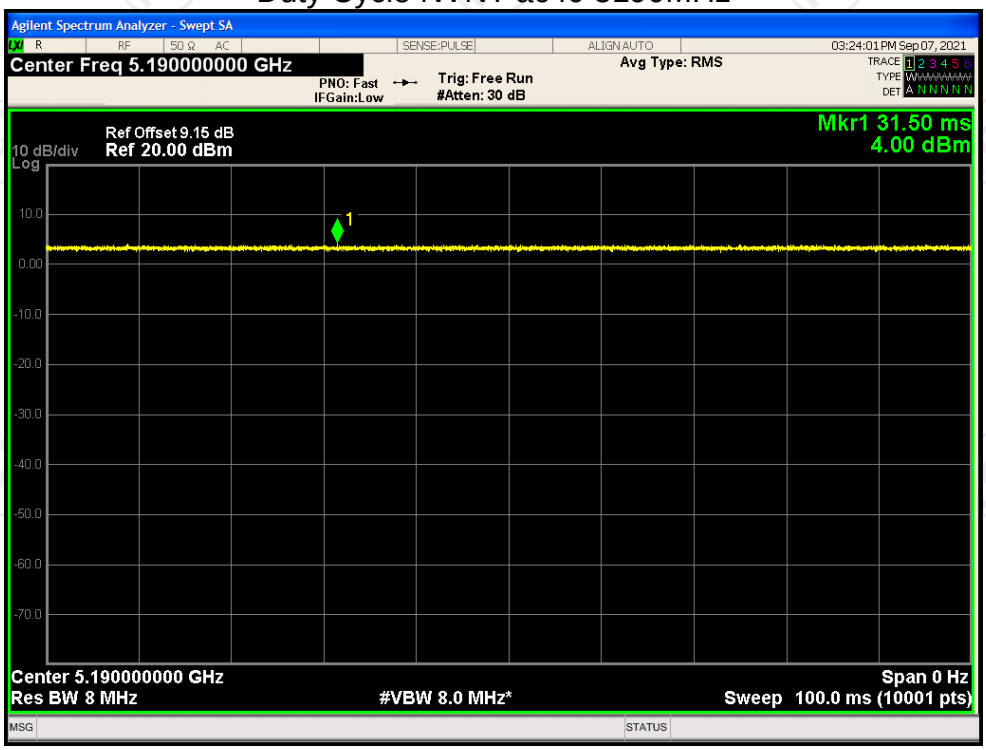
Duty Cycle NVNT ac20 5200MHz



Duty Cycle NVNT ac20 5240MHz



Duty Cycle NVNT ac40 5190MHz



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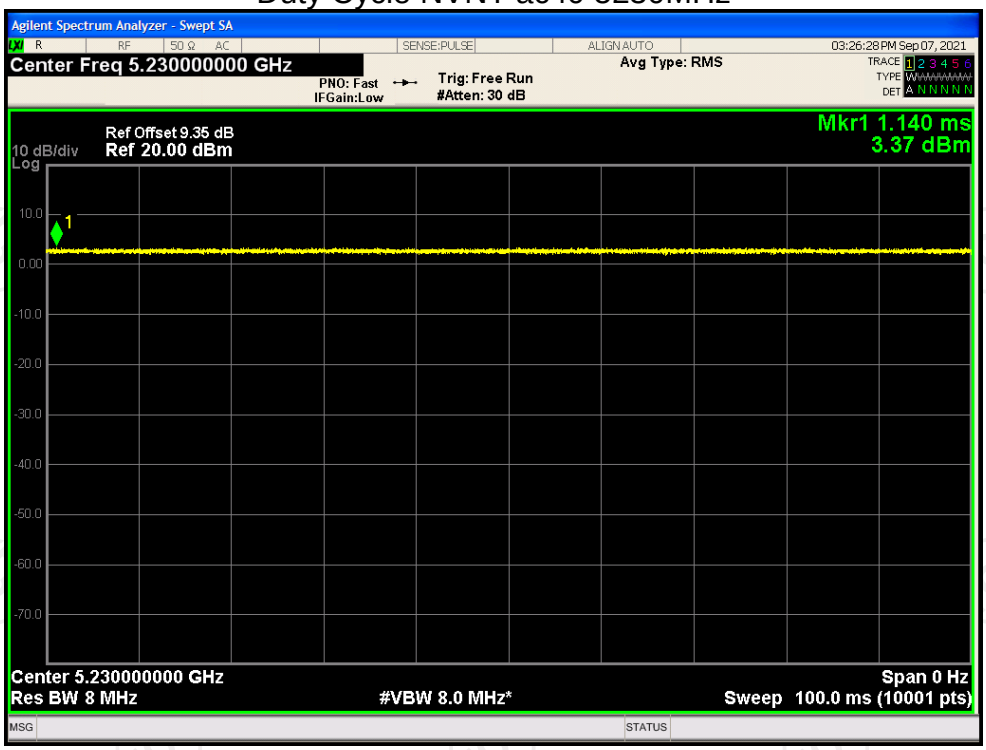
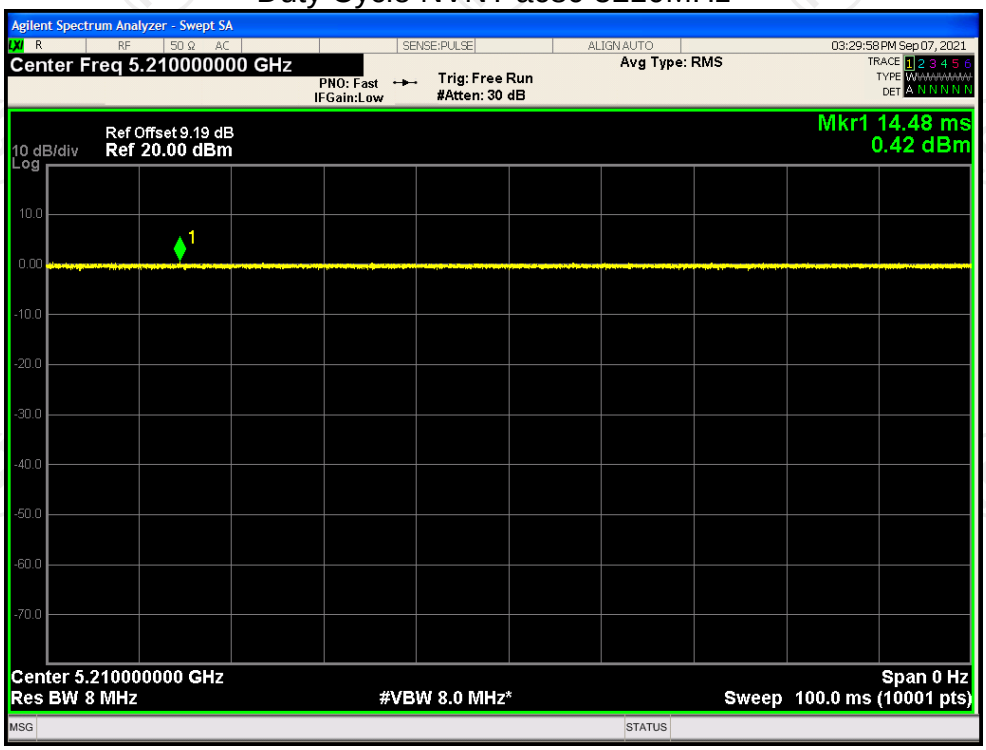
Duty Cycle NVNT ac40 5230MHz



Duty Cycle NVNT ac80 5210MHz



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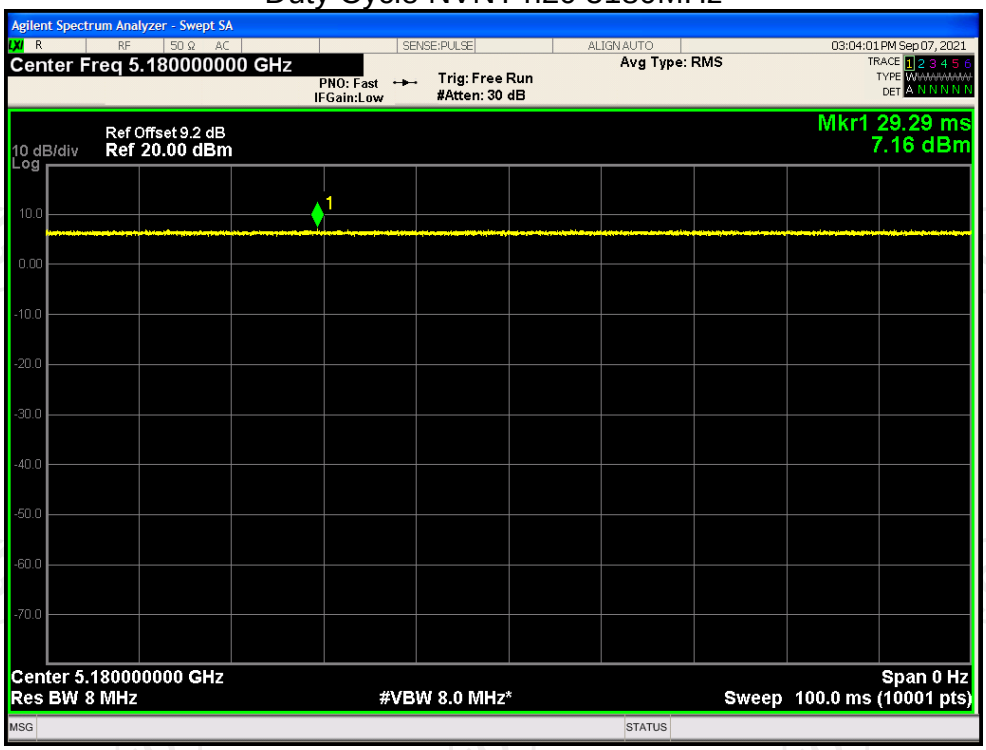
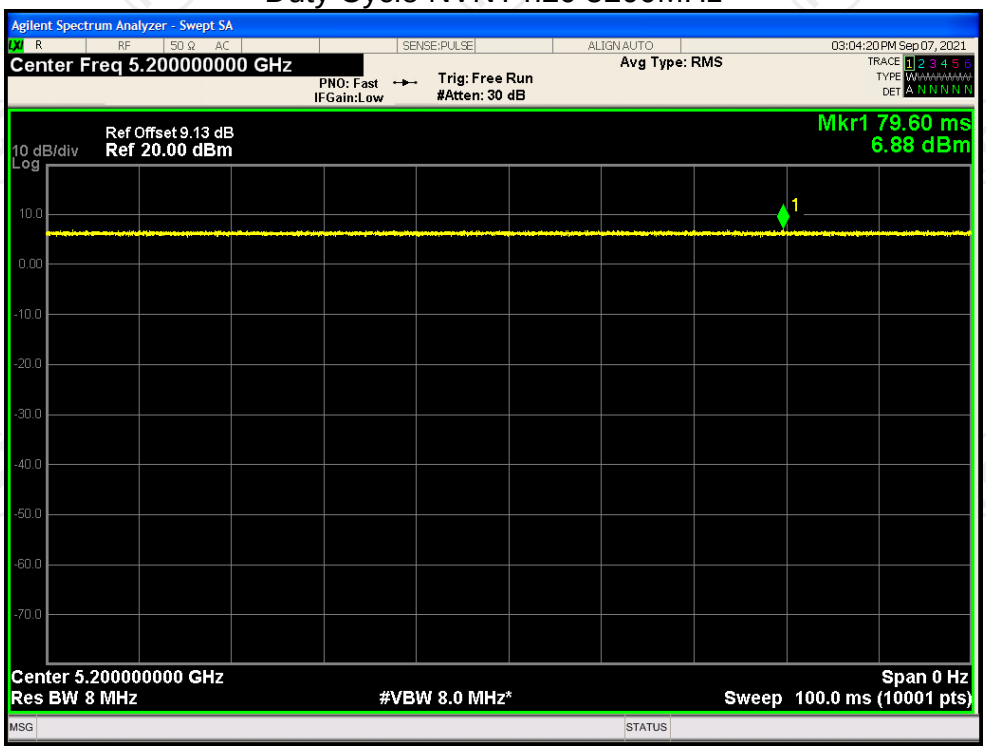
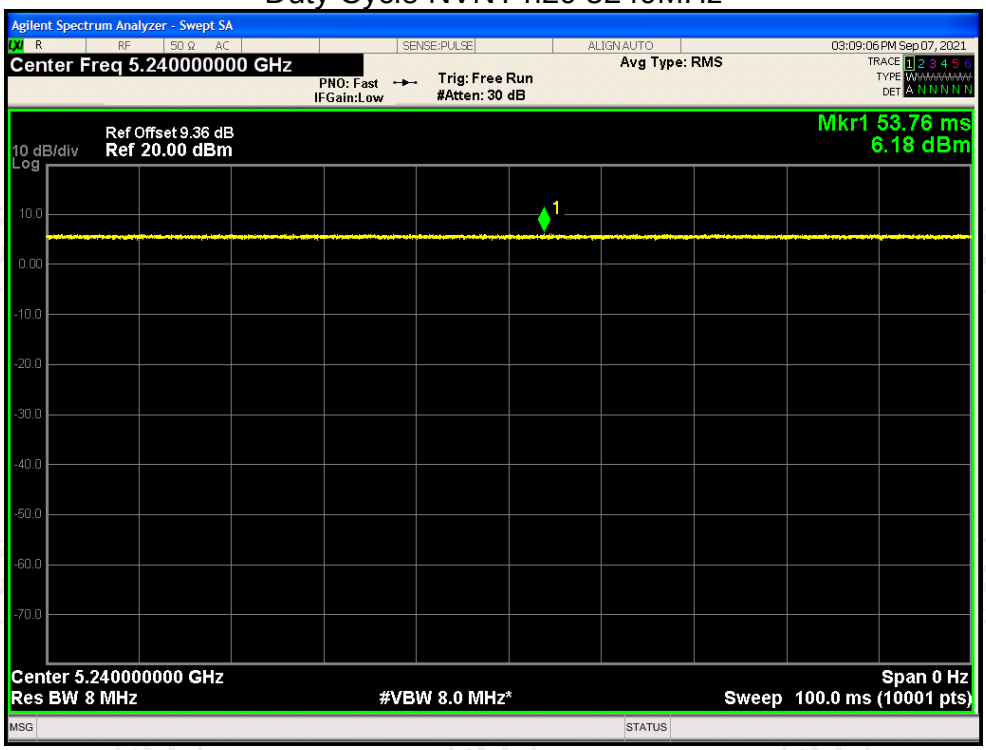
Duty Cycle NVNT n20 5180MHz



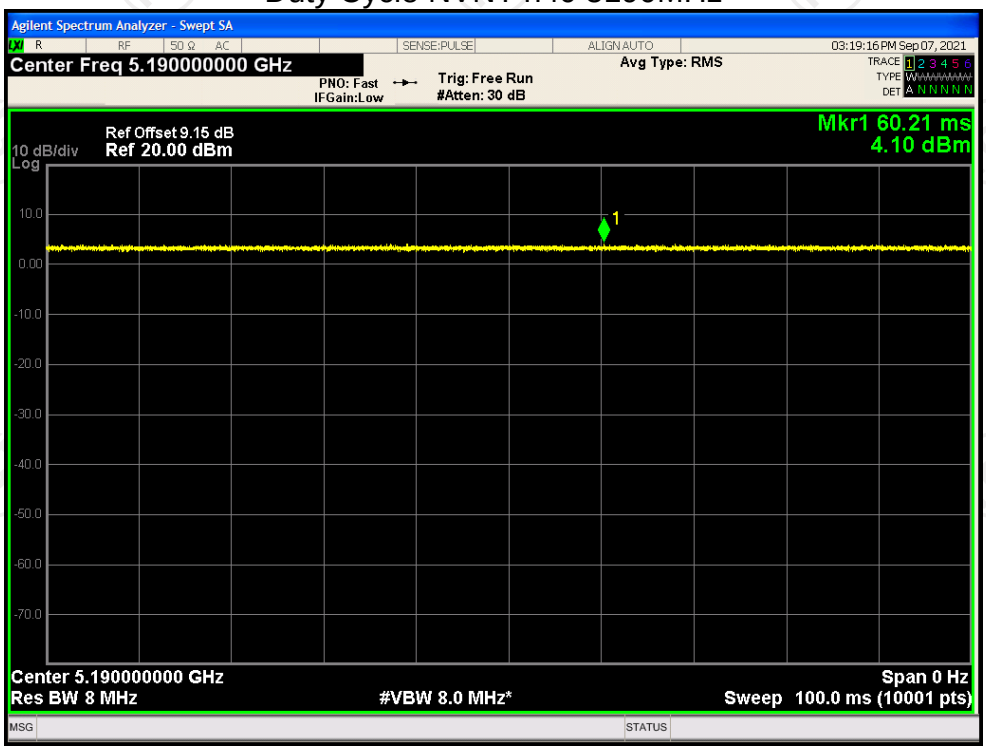
Duty Cycle NVNT n20 5200MHz



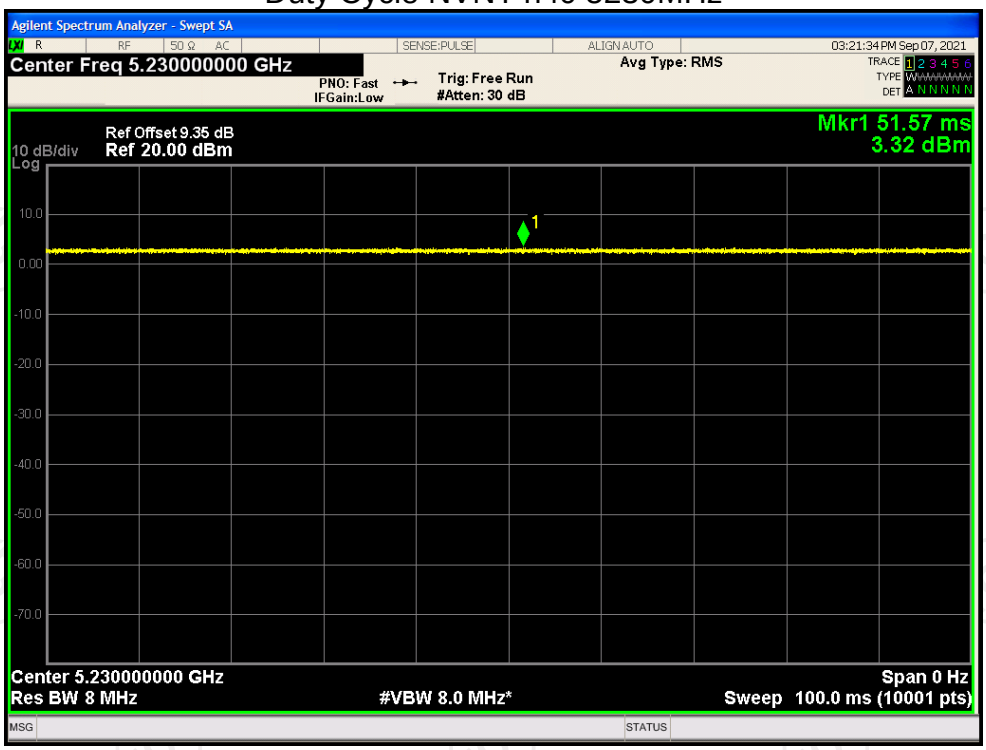
Duty Cycle NVNT n20 5240MHz



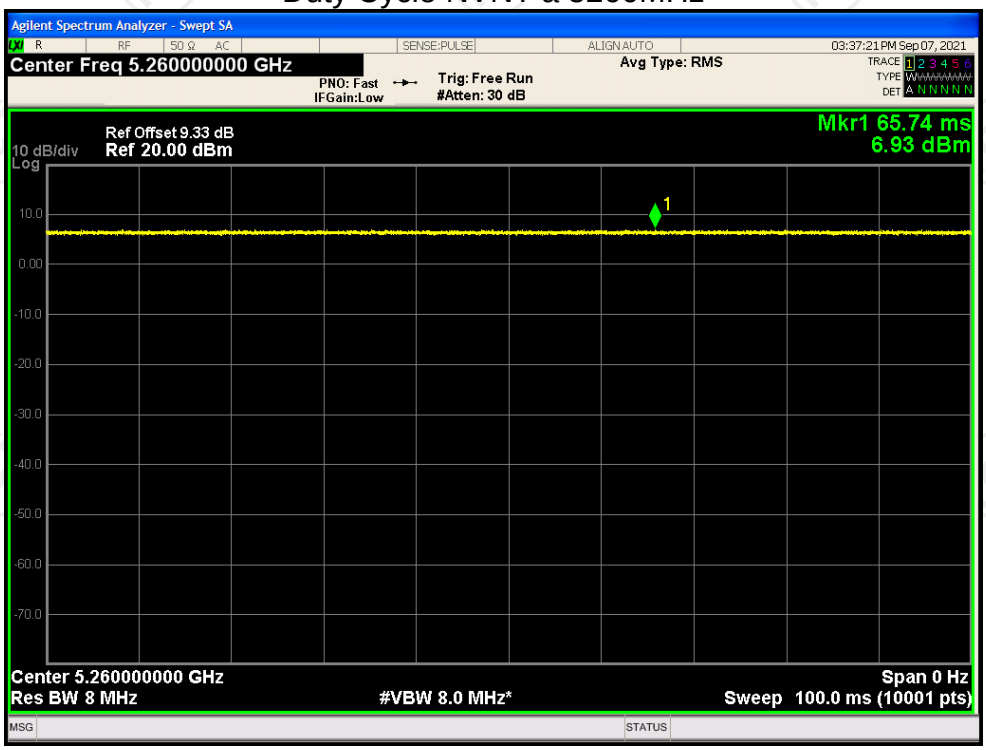
Duty Cycle NVNT n40 5190MHz



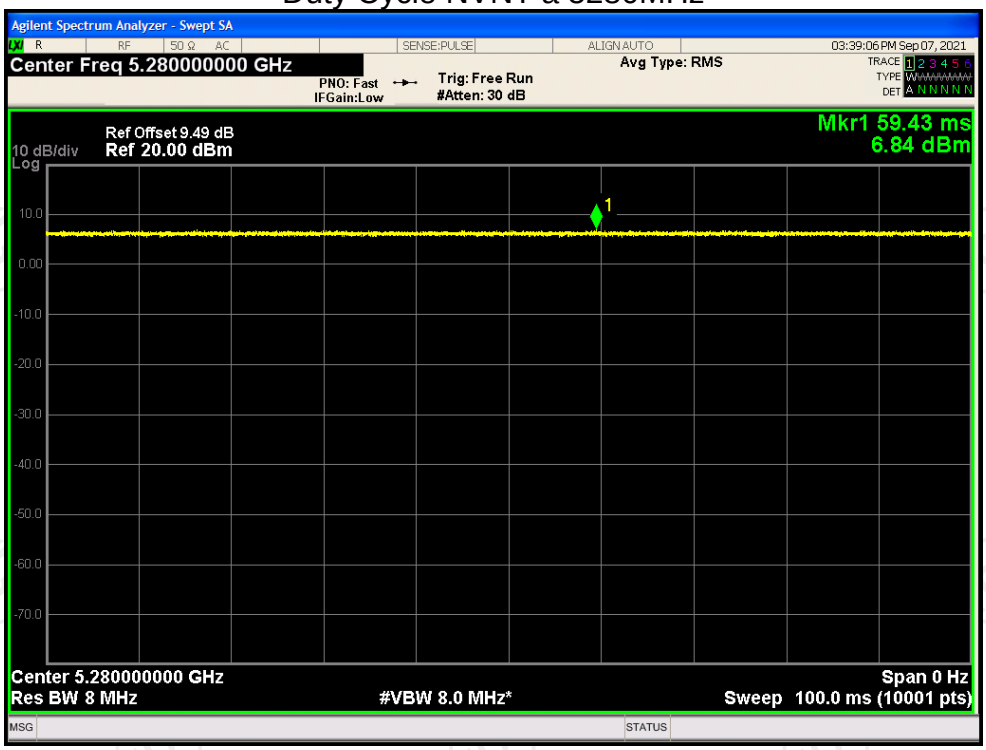
Duty Cycle NVNT n40 5230MHz



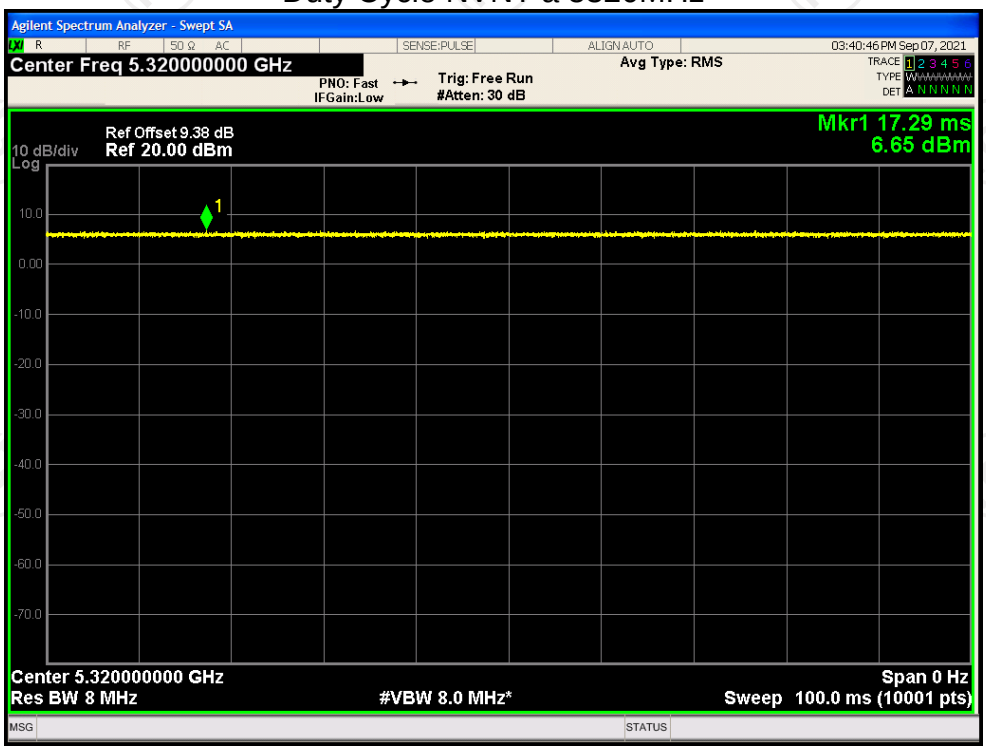
Duty Cycle NVNT a 5260MHz



Duty Cycle NVNT a 5280MHz



Duty Cycle NVNT a 5320MHz



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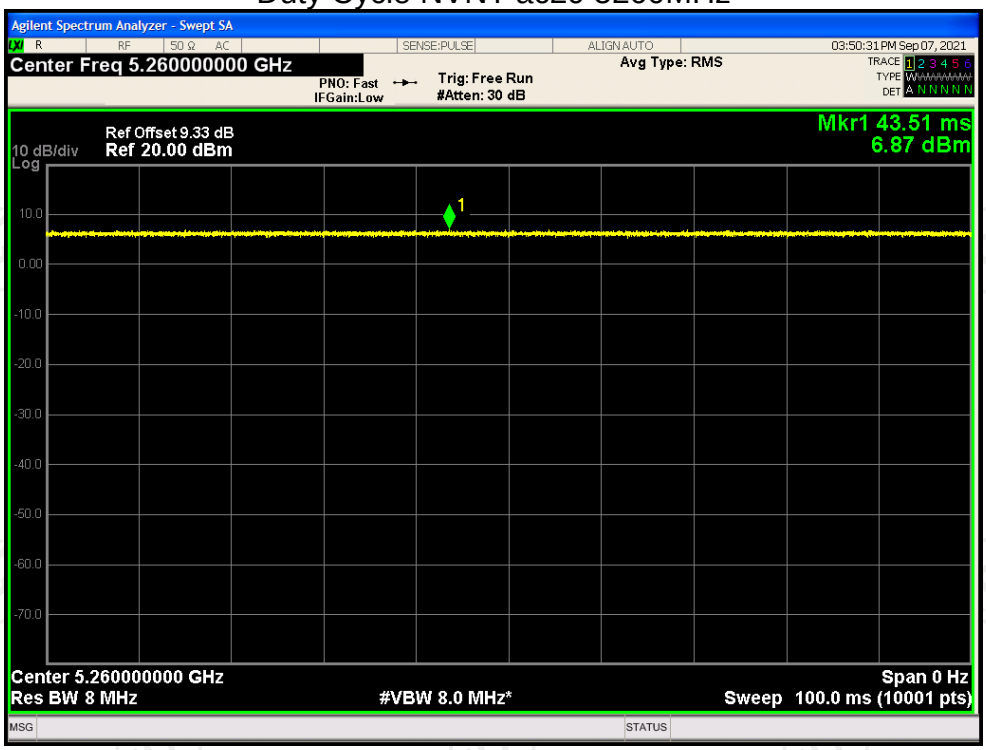
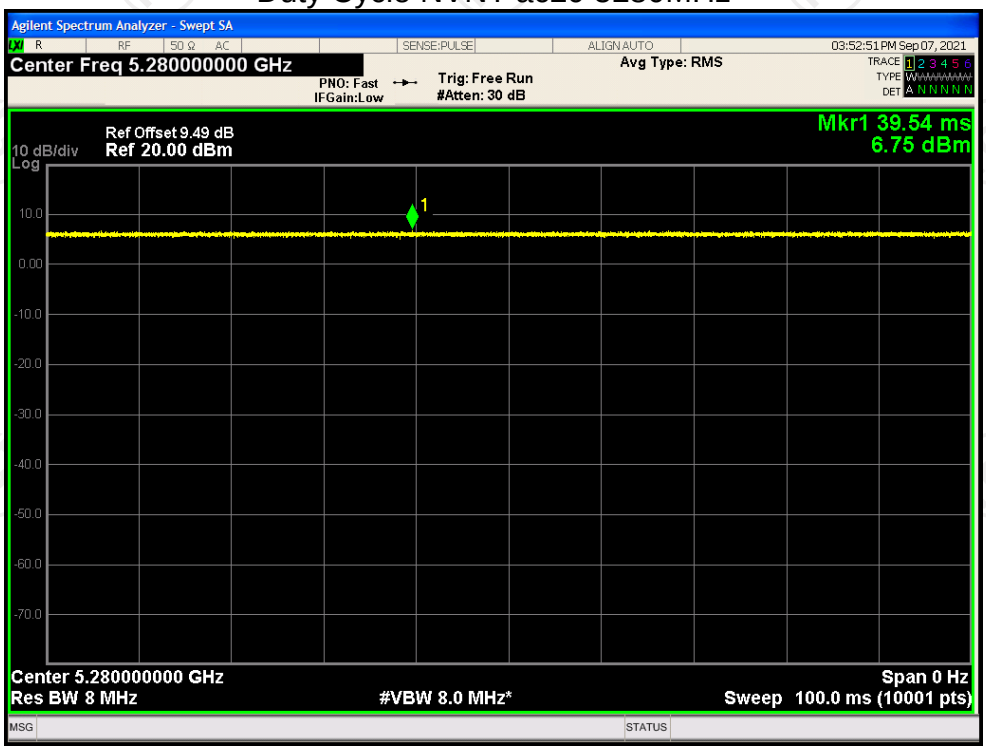
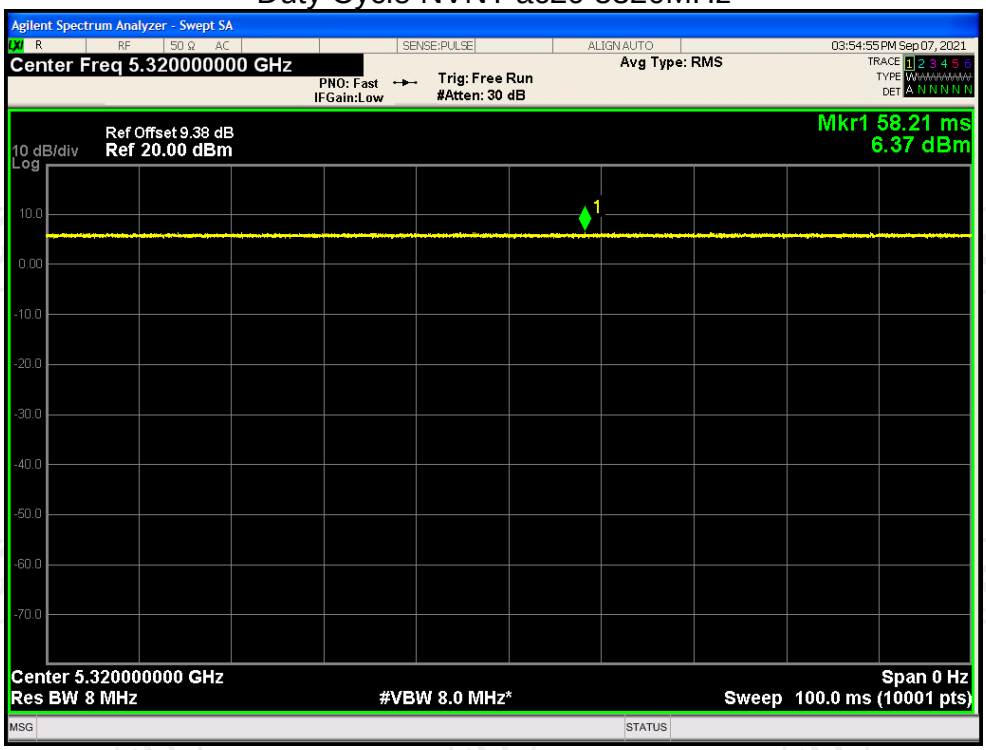
Duty Cycle NVNT ac20 5260MHz



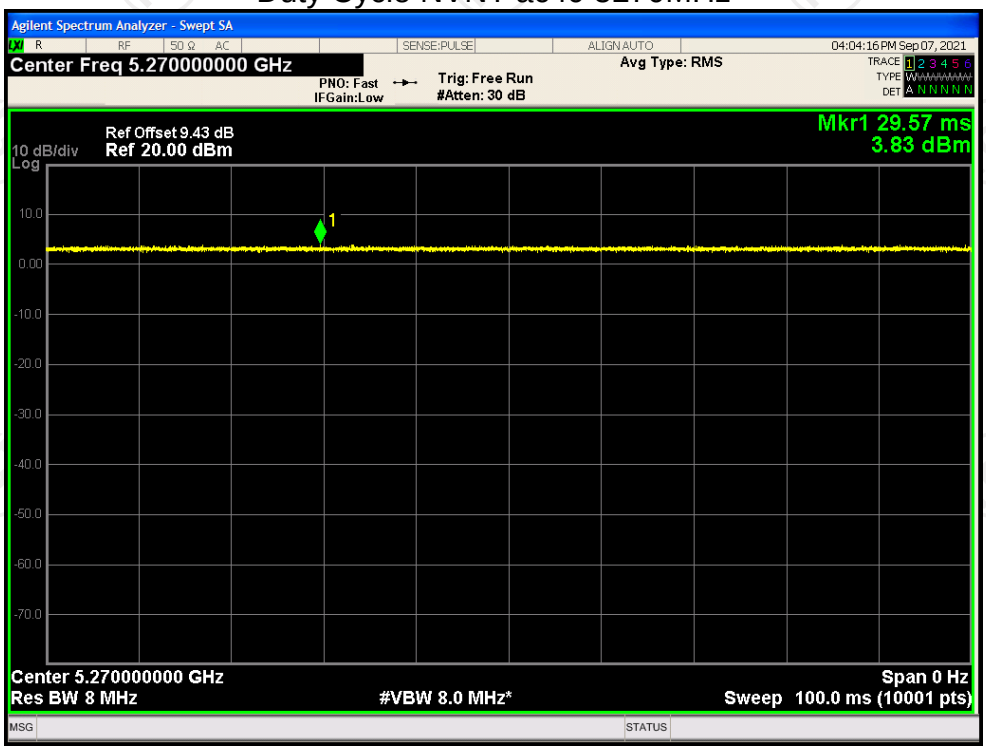
Duty Cycle NVNT ac20 5280MHz



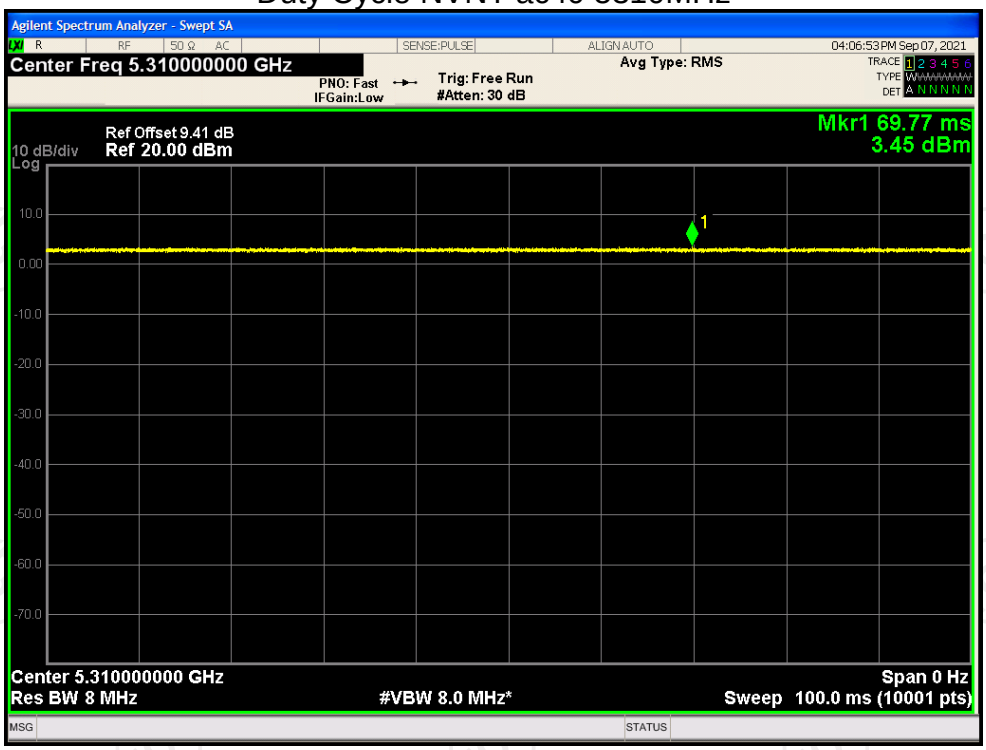
Duty Cycle NVNT ac20 5320MHz



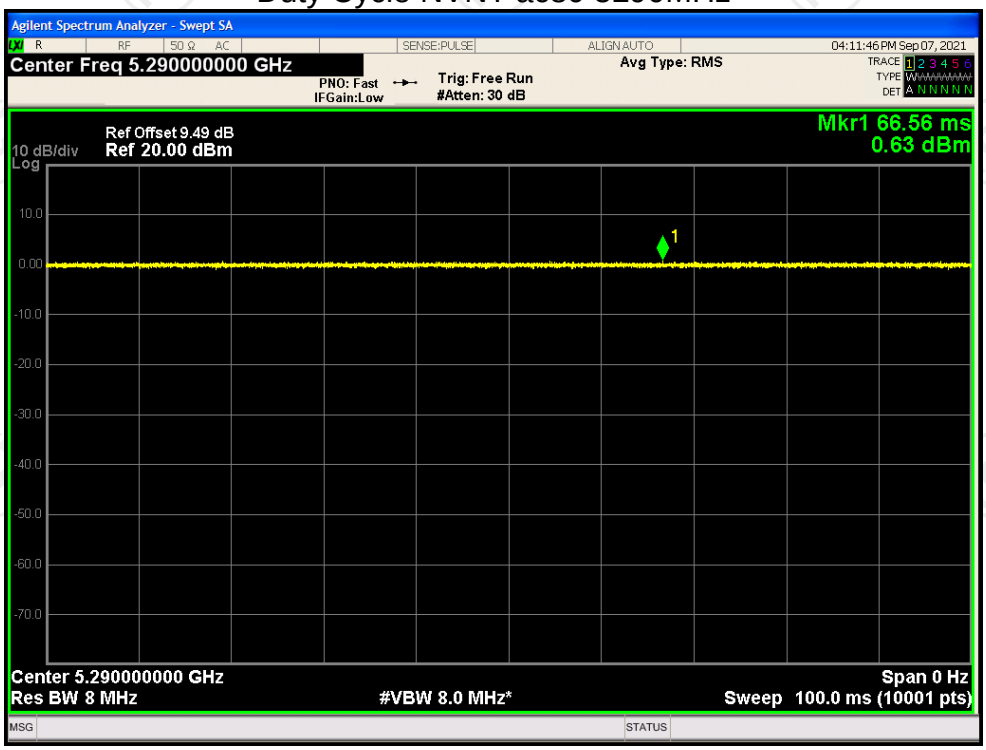
Duty Cycle NVNT ac40 5270MHz



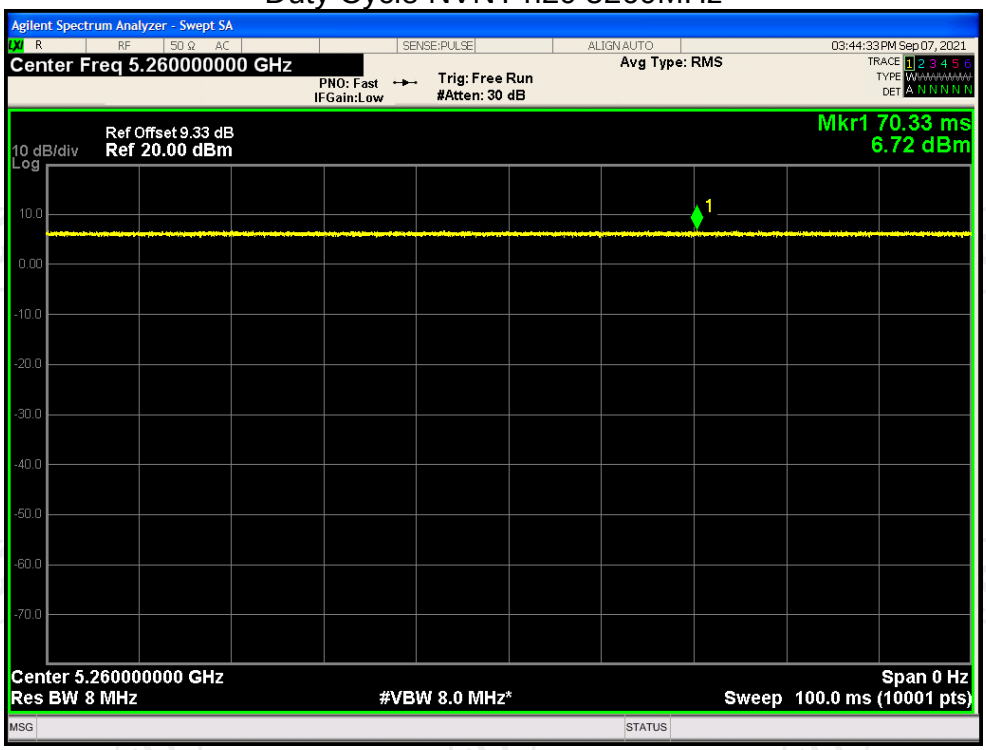
Duty Cycle NVNT ac40 5310MHz



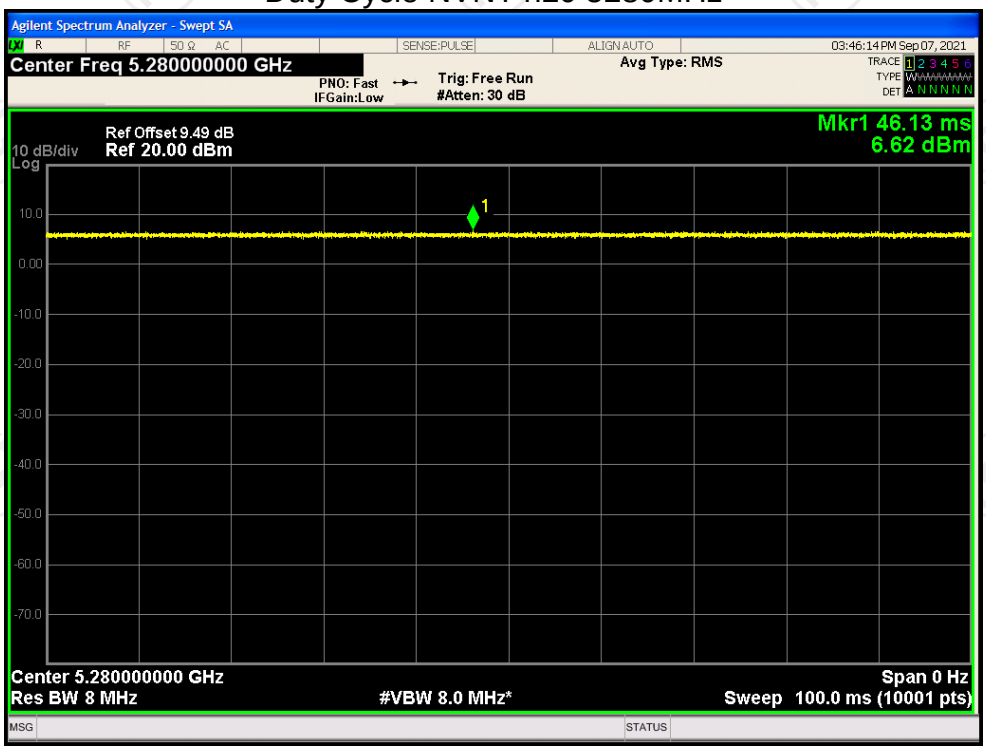
Duty Cycle NVNT ac80 5290MHz



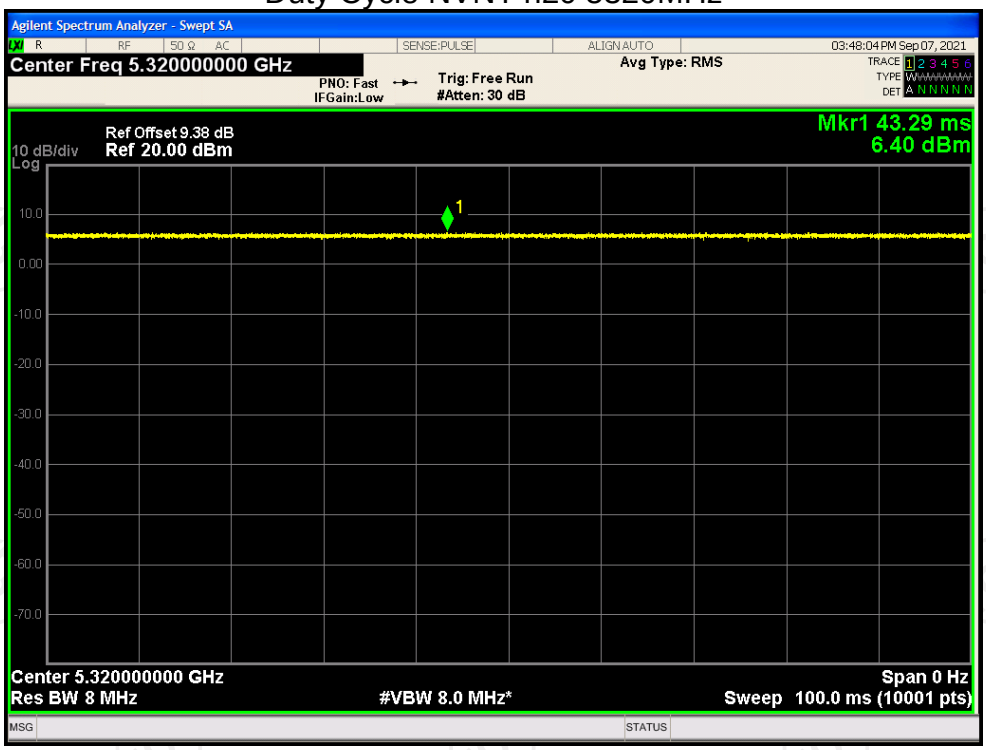
Duty Cycle NVNT n20 5260MHz



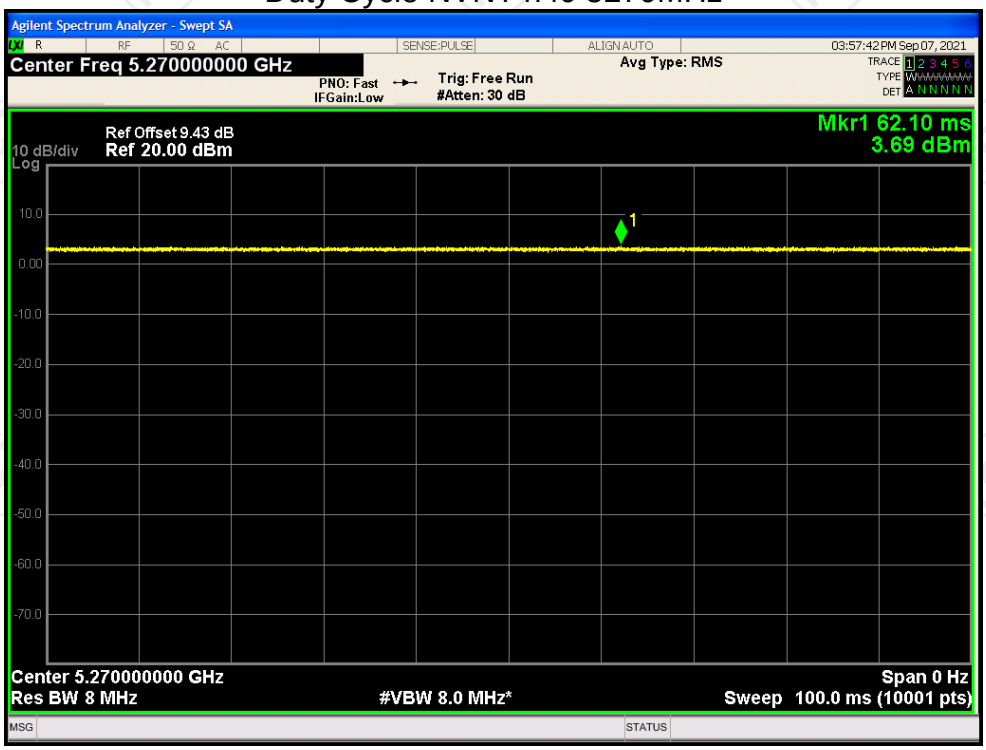
Duty Cycle NVNT n20 5280MHz



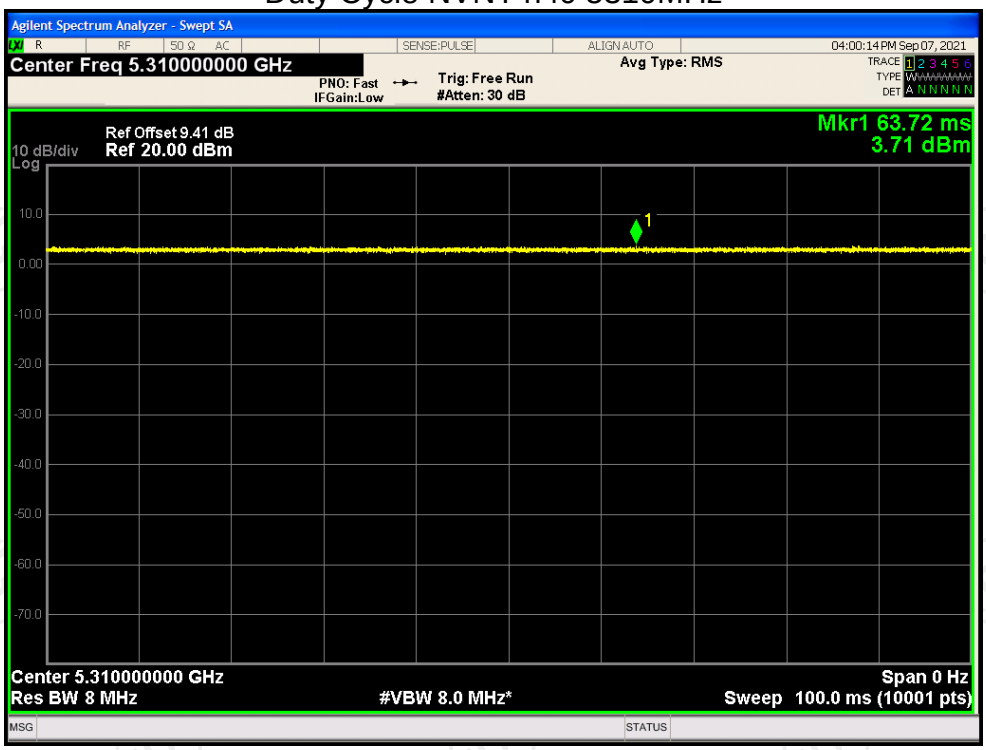
Duty Cycle NVNT n20 5320MHz



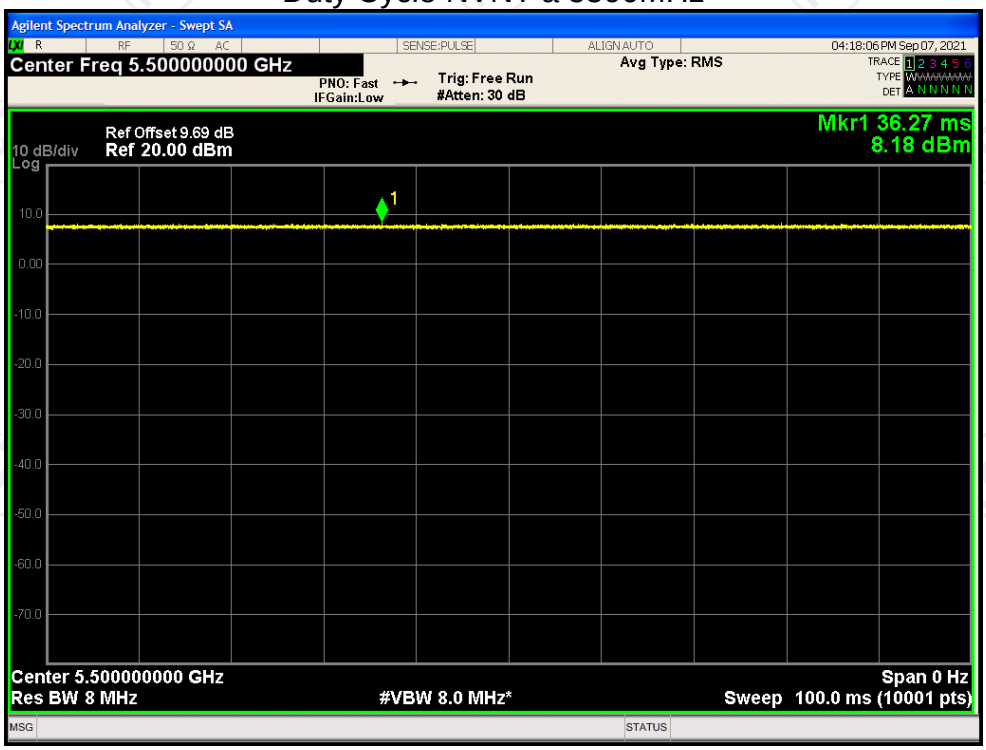
Duty Cycle NVNT n40 5270MHz



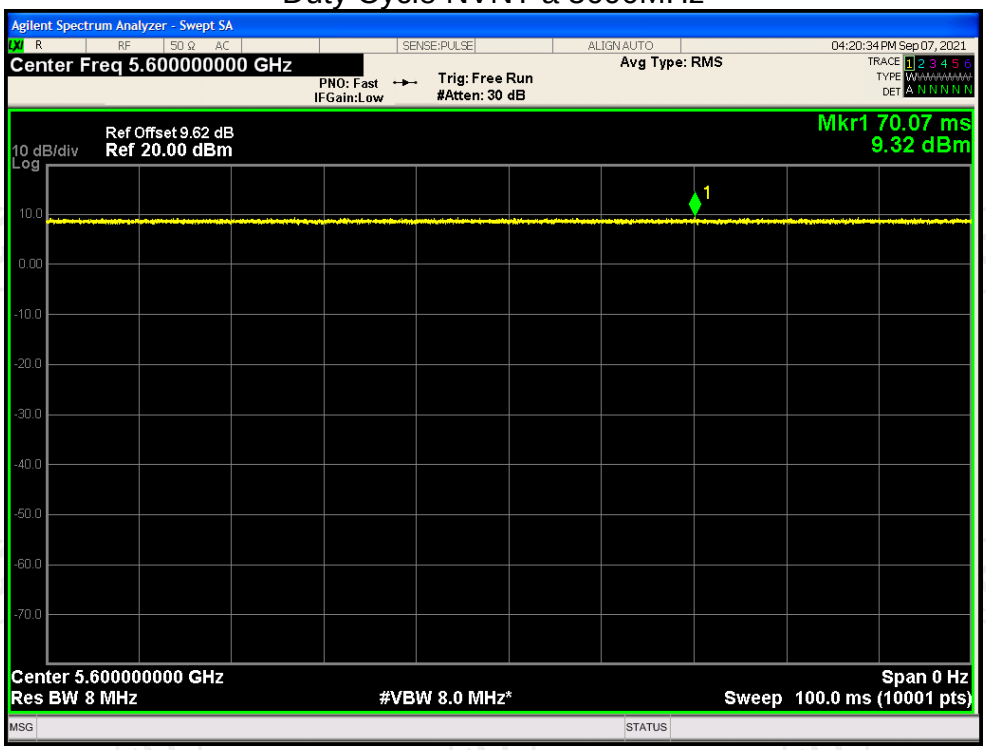
Duty Cycle NVNT n40 5310MHz



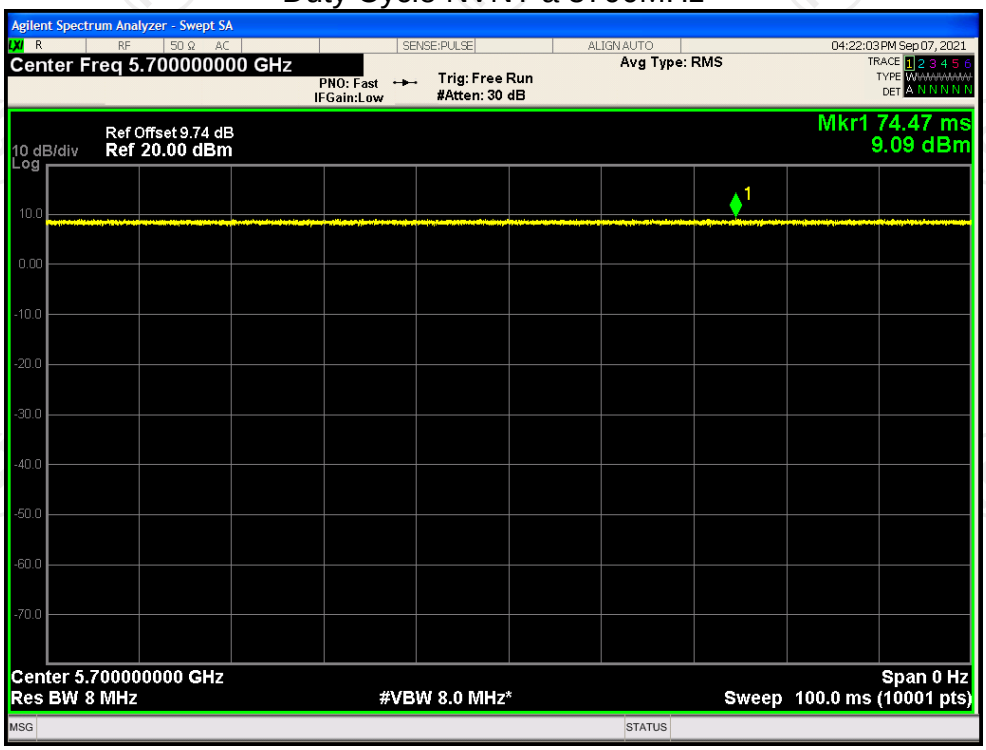
Duty Cycle NVNT a 5500MHz



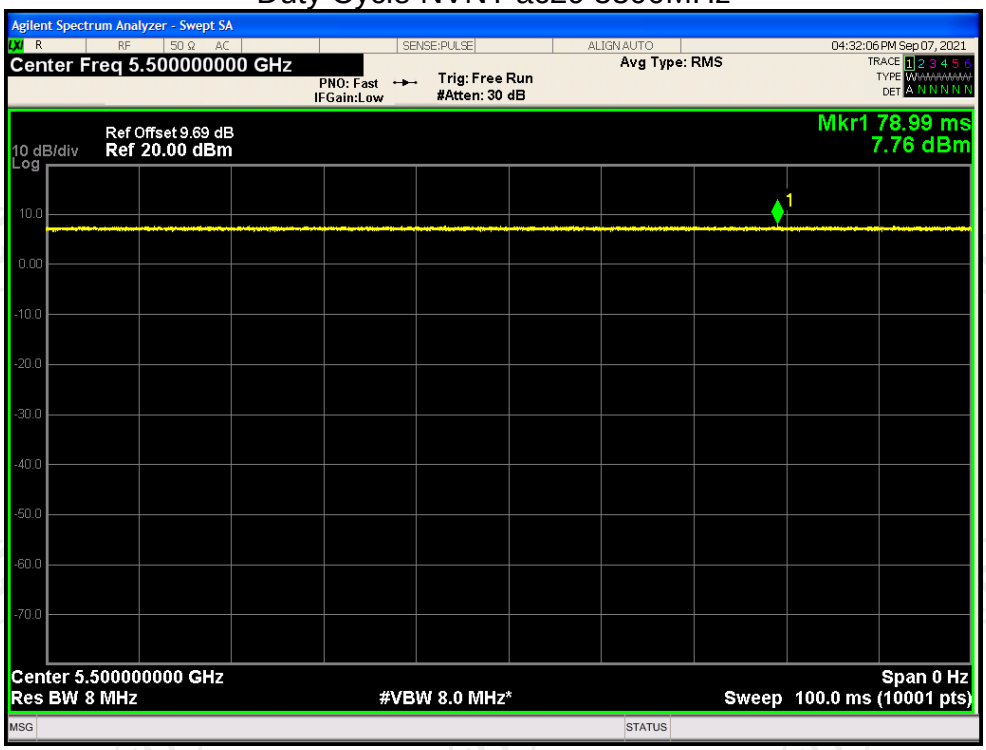
Duty Cycle NVNT a 5600MHz



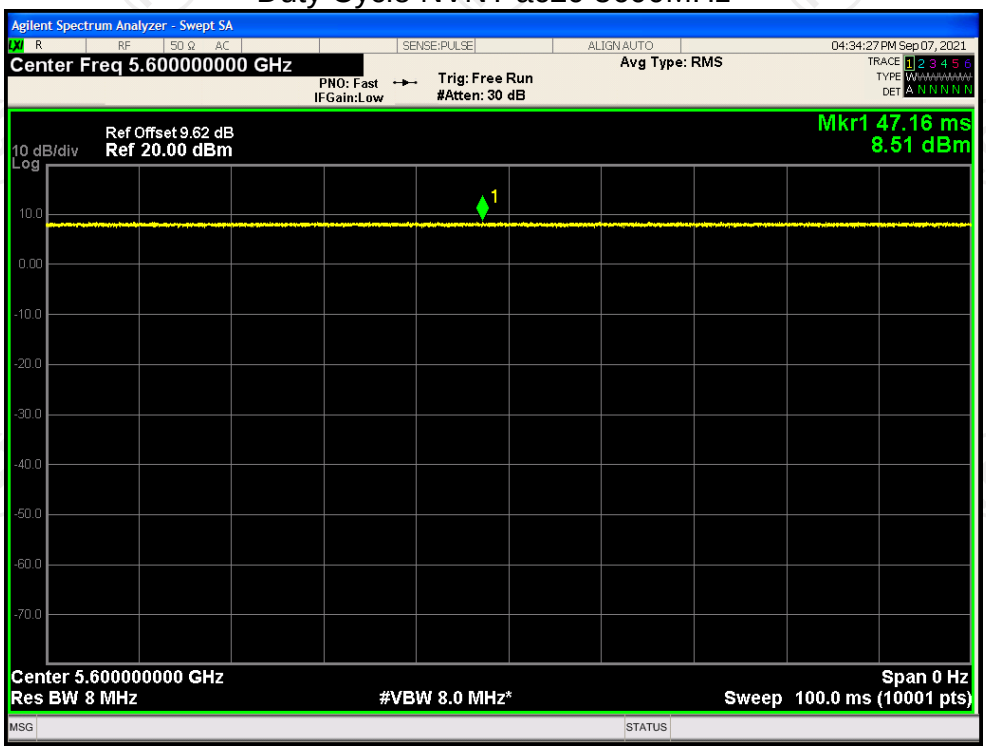
Duty Cycle NVNT a 5700MHz



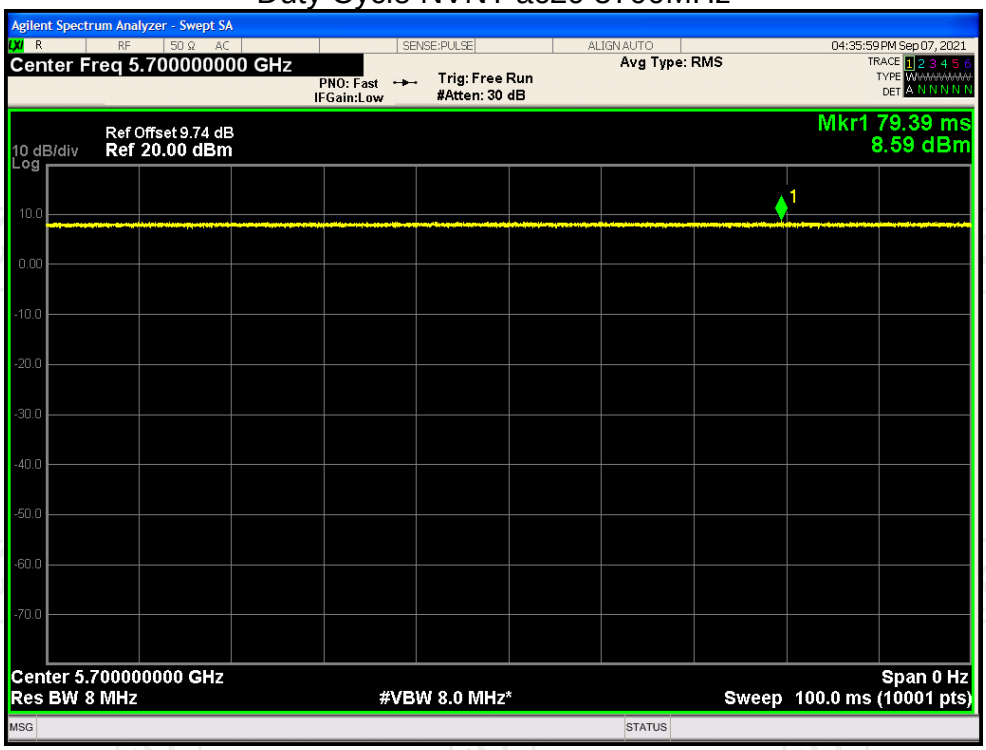
Duty Cycle NVNT ac20 5500MHz



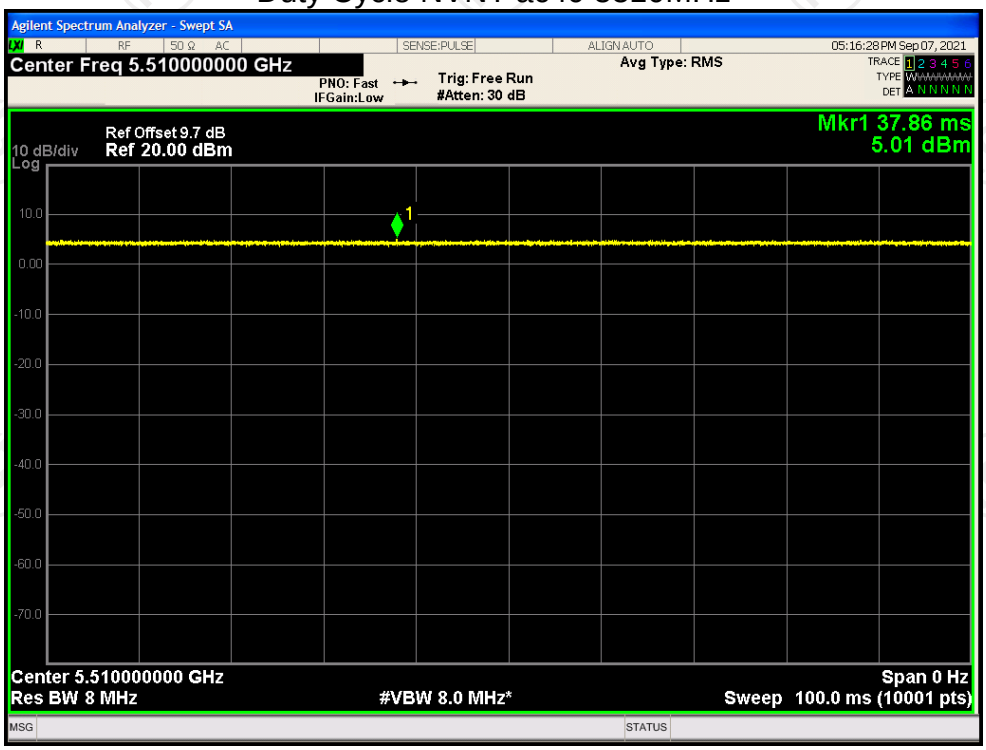
Duty Cycle NVNT ac20 5600MHz



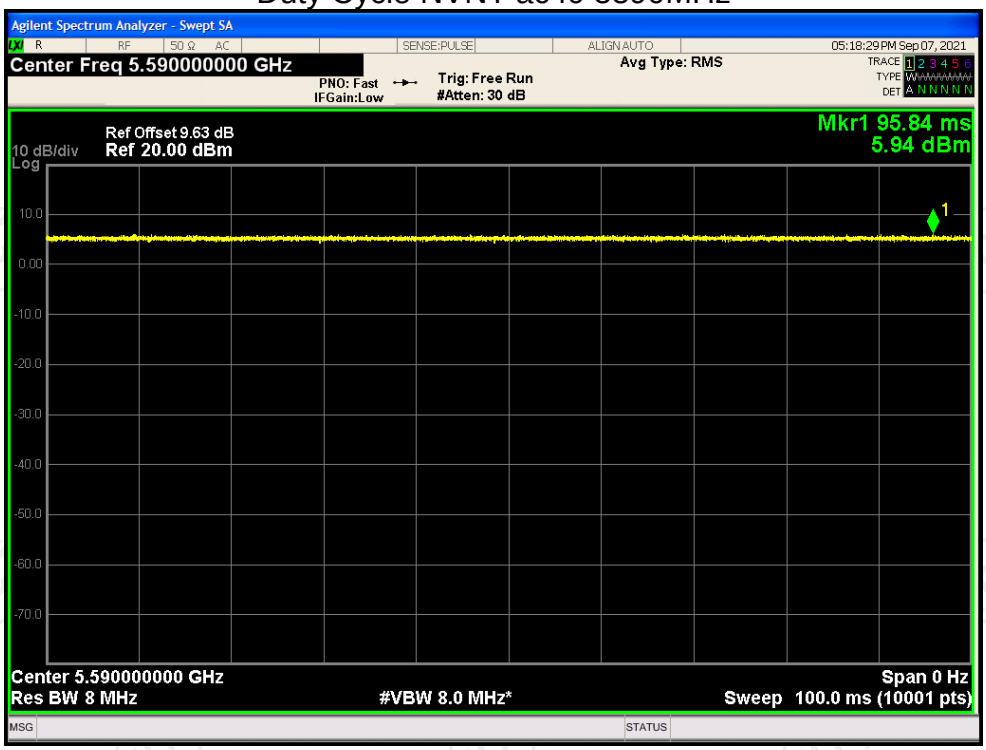
Duty Cycle NVNT ac20 5700MHz



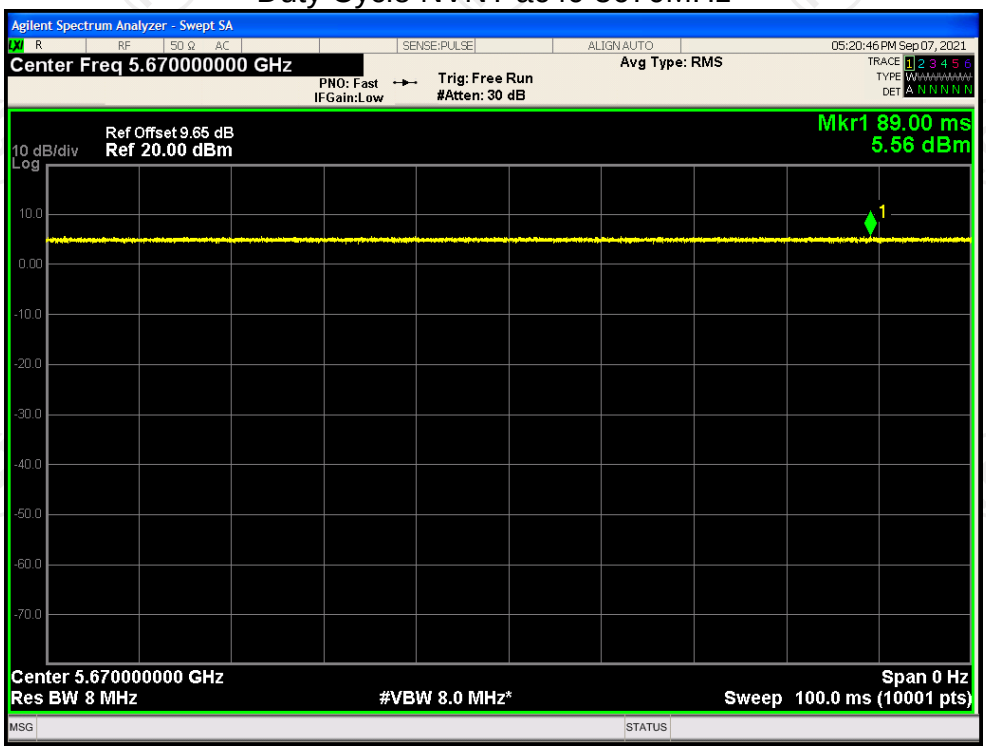
Duty Cycle NVNT ac40 5510MHz



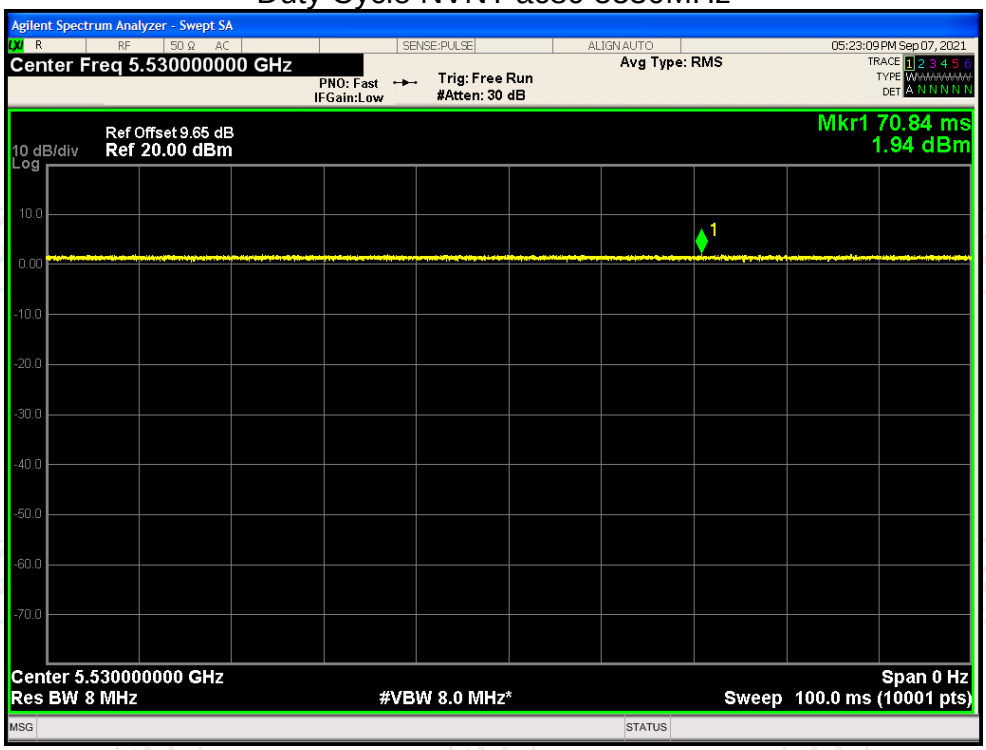
Duty Cycle NVNT ac40 5590MHz



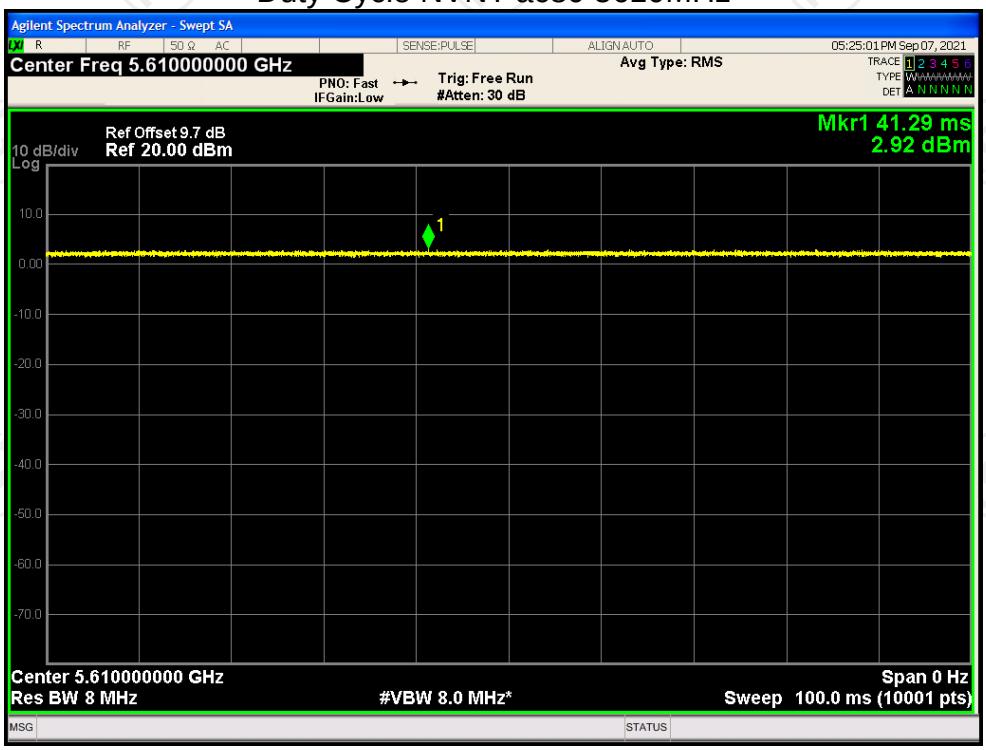
Duty Cycle NVNT ac40 5670MHz



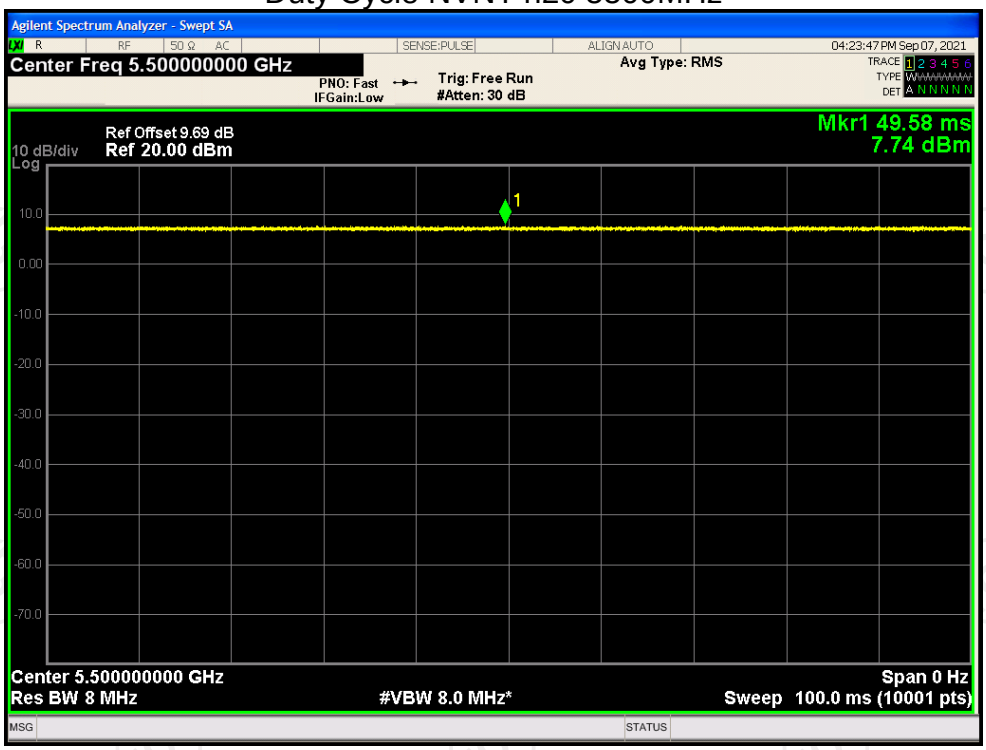
Duty Cycle NVNT ac80 5530MHz



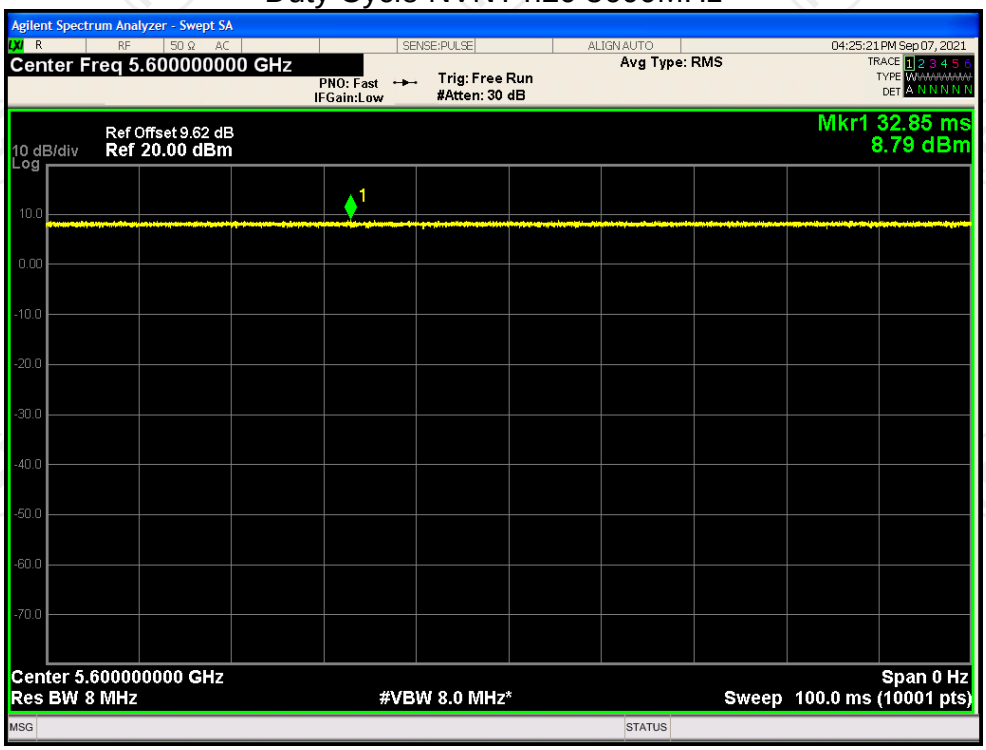
Duty Cycle NVNT ac80 5610MHz



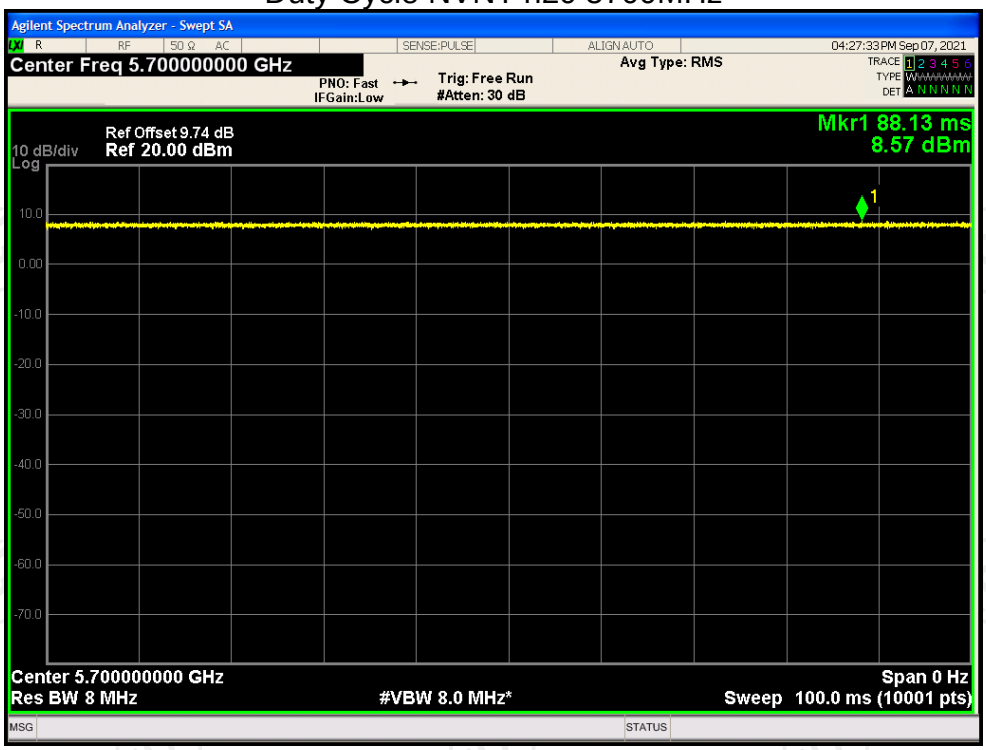
Duty Cycle NVNT n20 5500MHz



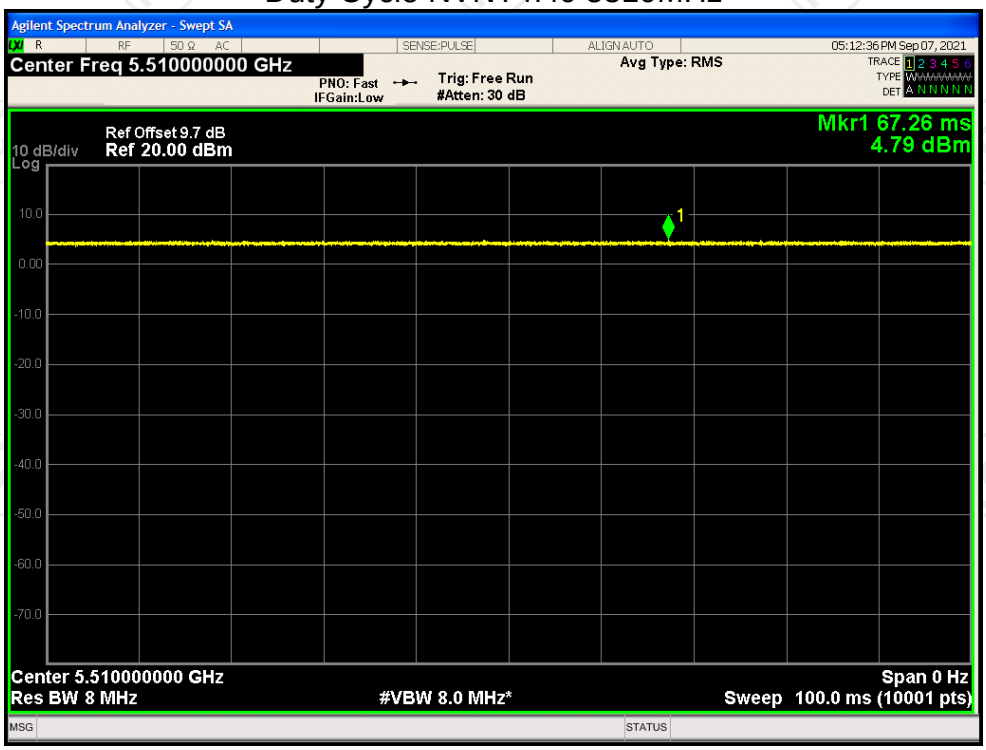
Duty Cycle NVNT n20 5600MHz



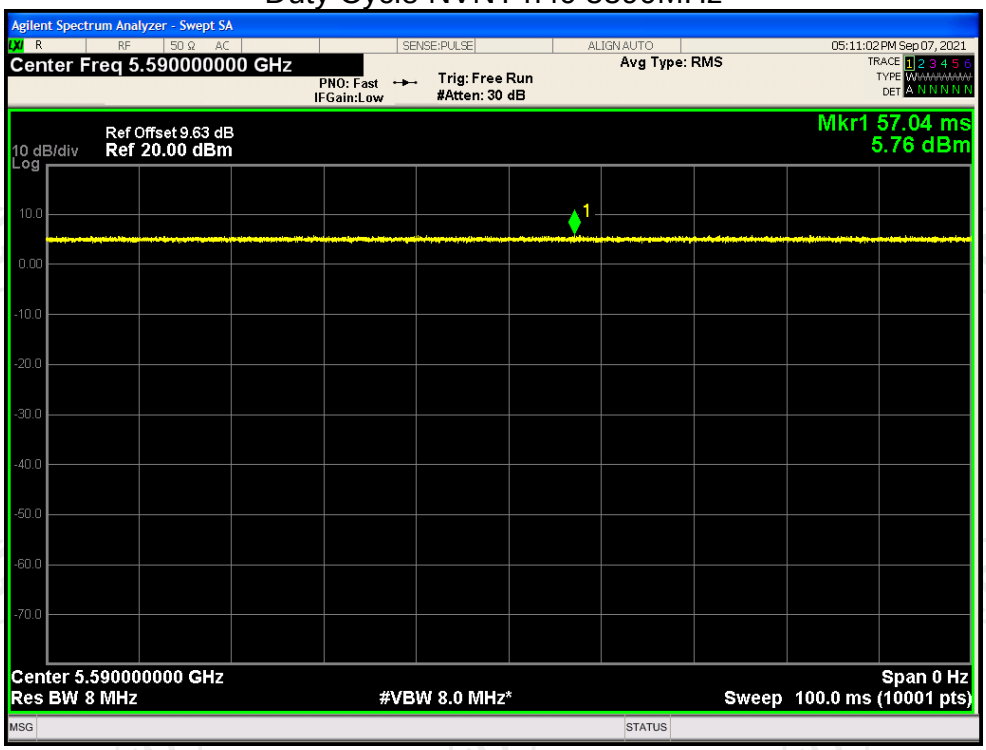
Duty Cycle NVNT n20 5700MHz



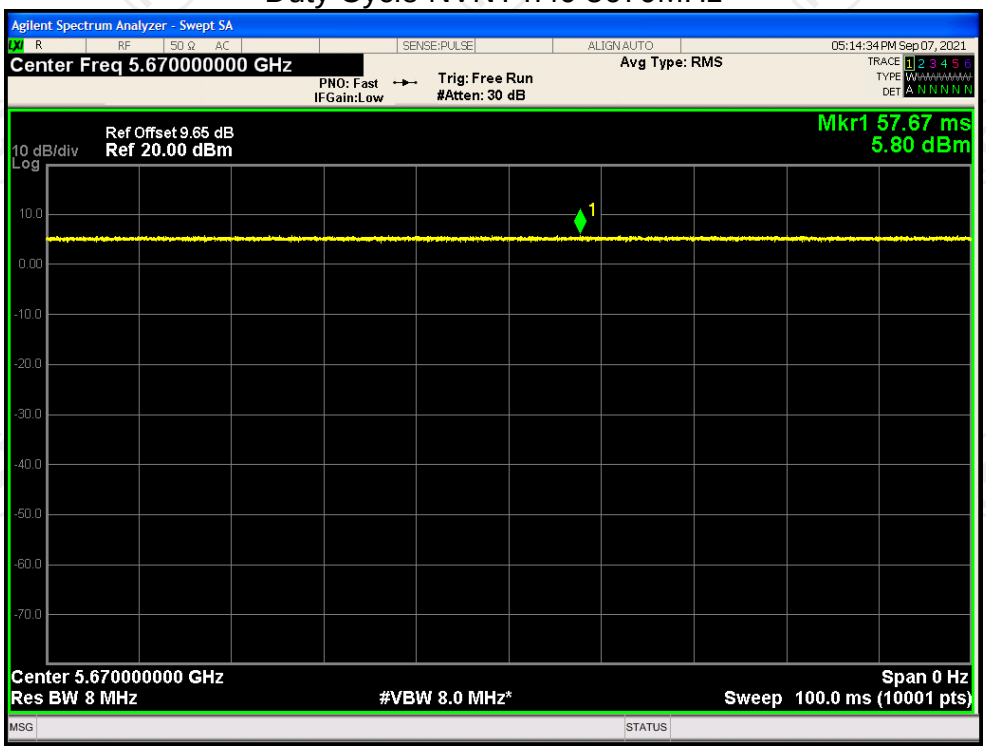
Duty Cycle NVNT n40 5510MHz



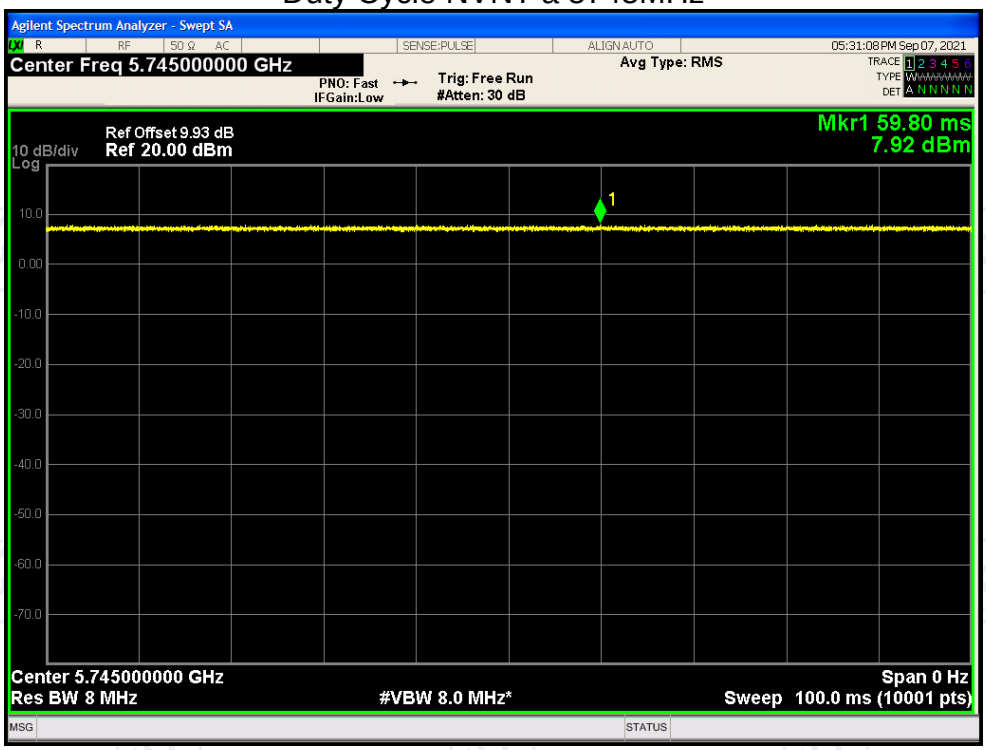
Duty Cycle NVNT n40 5590MHz



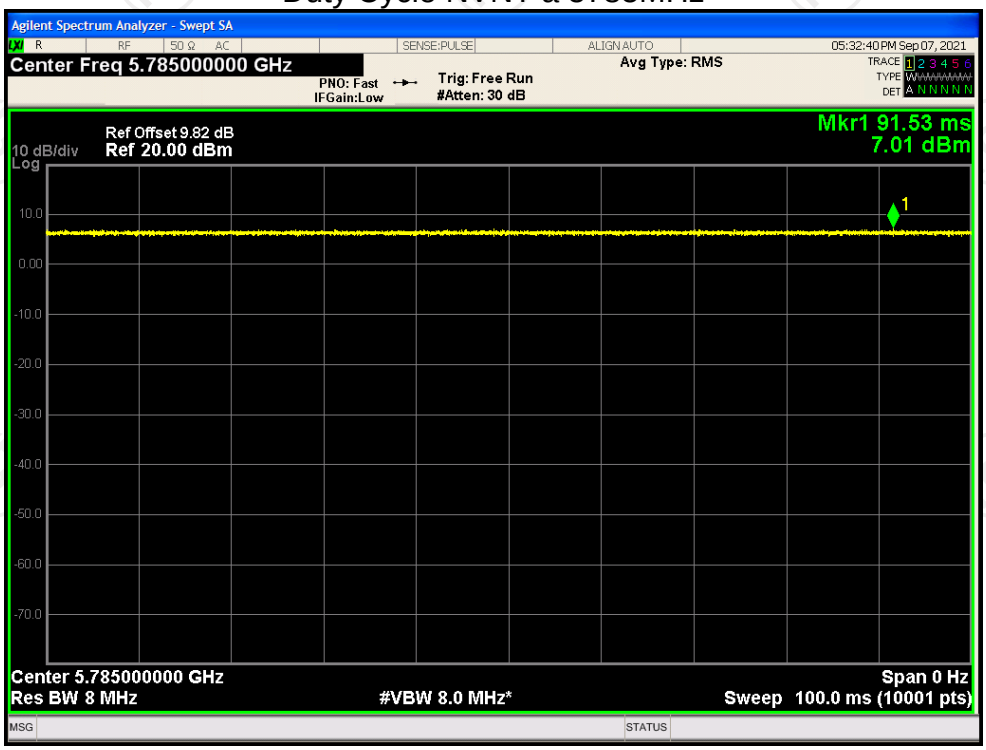
Duty Cycle NVNT n40 5670MHz



Duty Cycle NVNT a 5745MHz

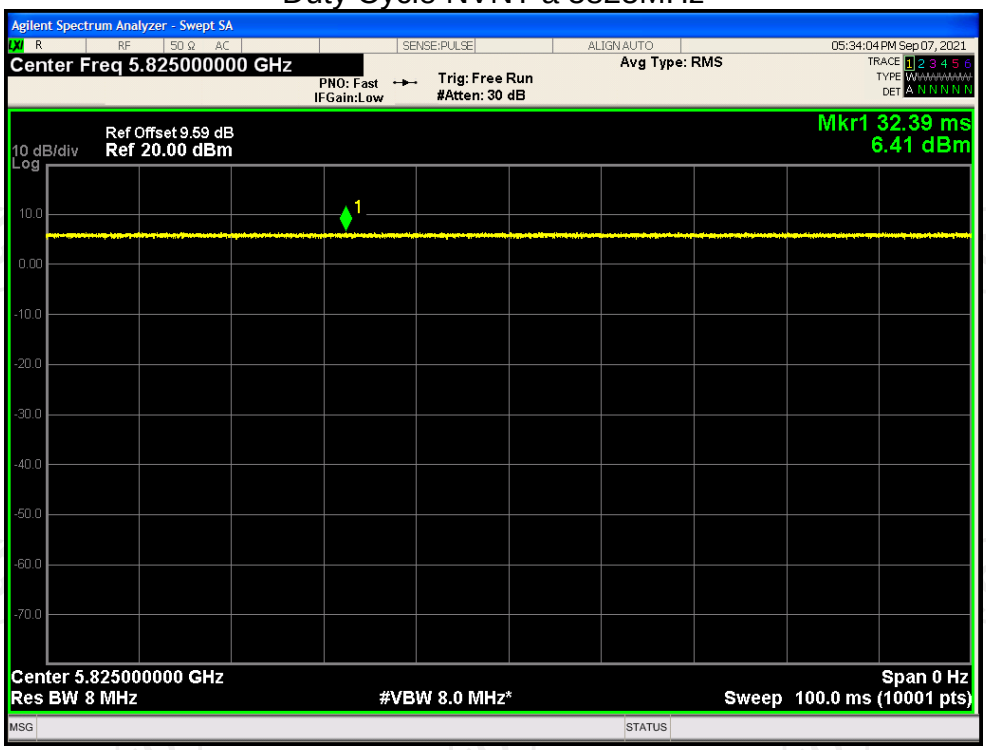


Duty Cycle NVNT a 5785MHz

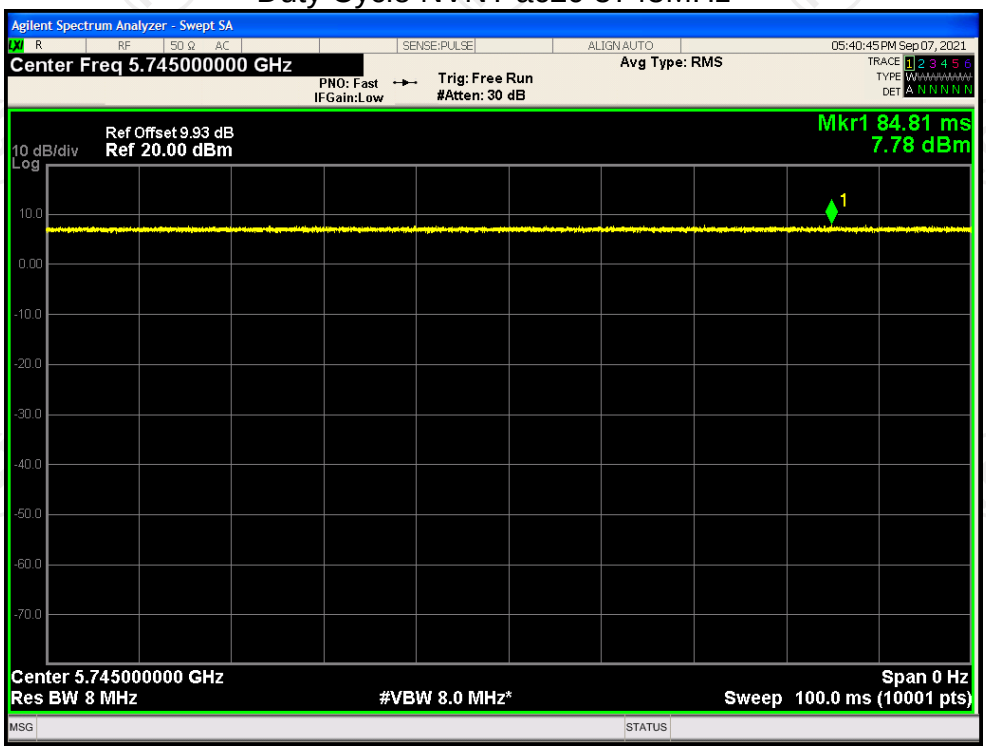


Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

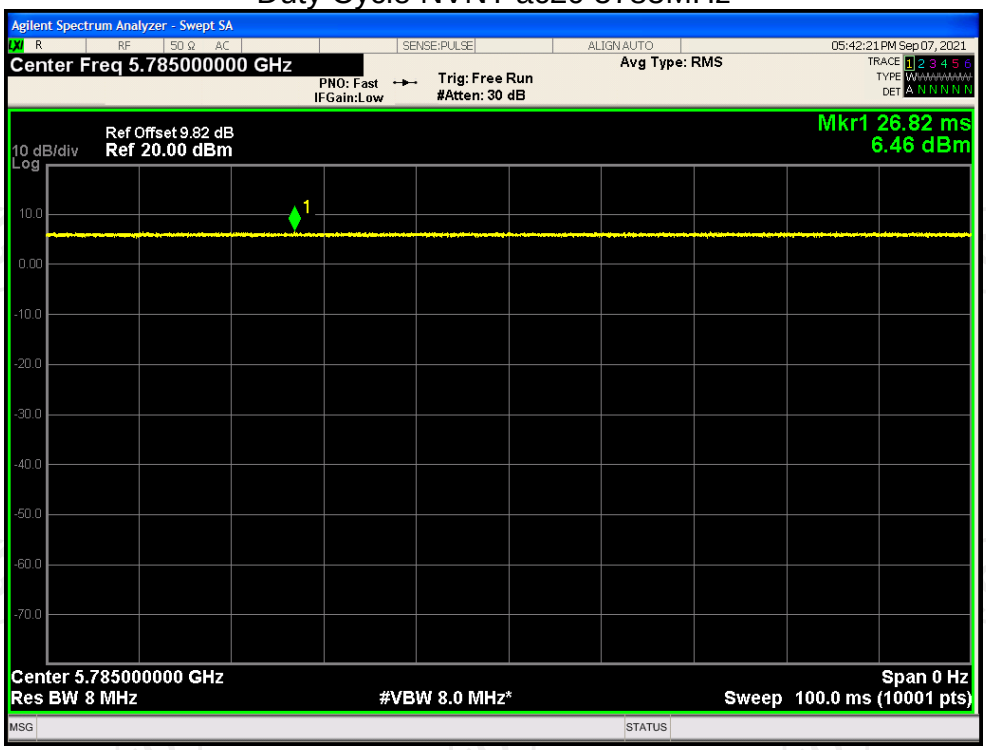
Duty Cycle NVNT a 5825MHz



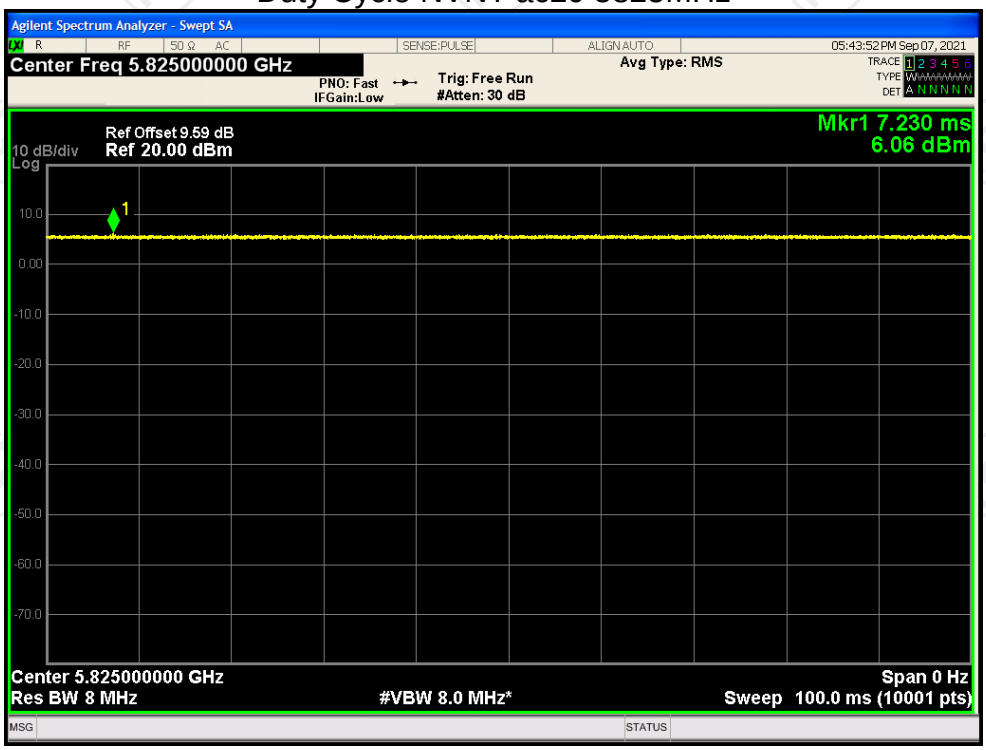
Duty Cycle NVNT ac20 5745MHz



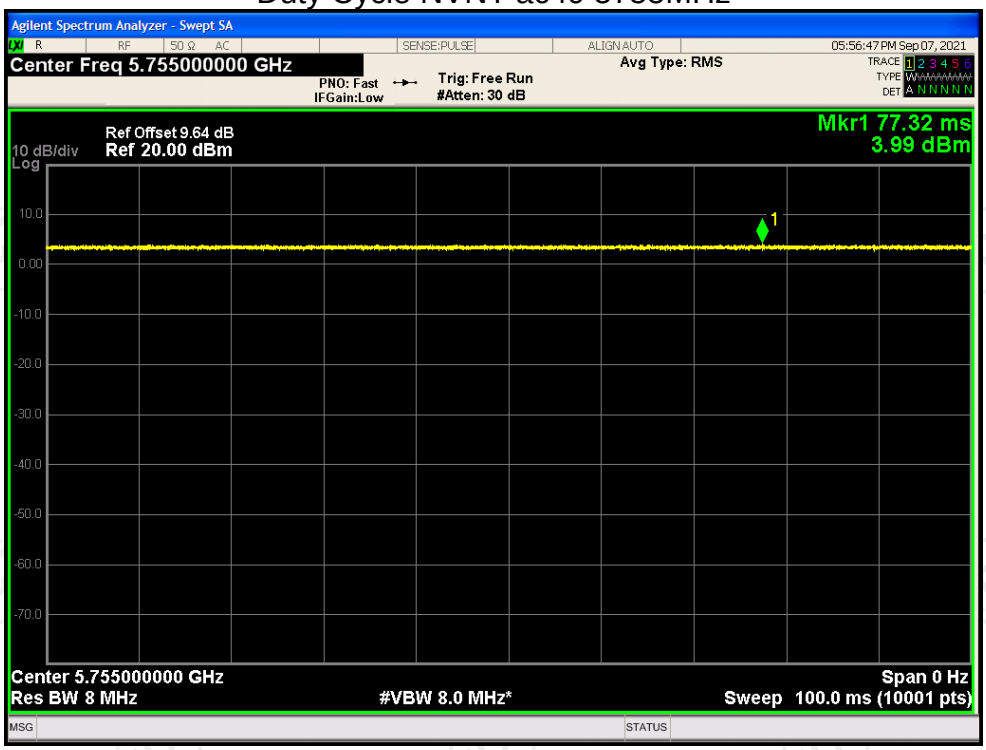
Duty Cycle NVNT ac20 5785MHz



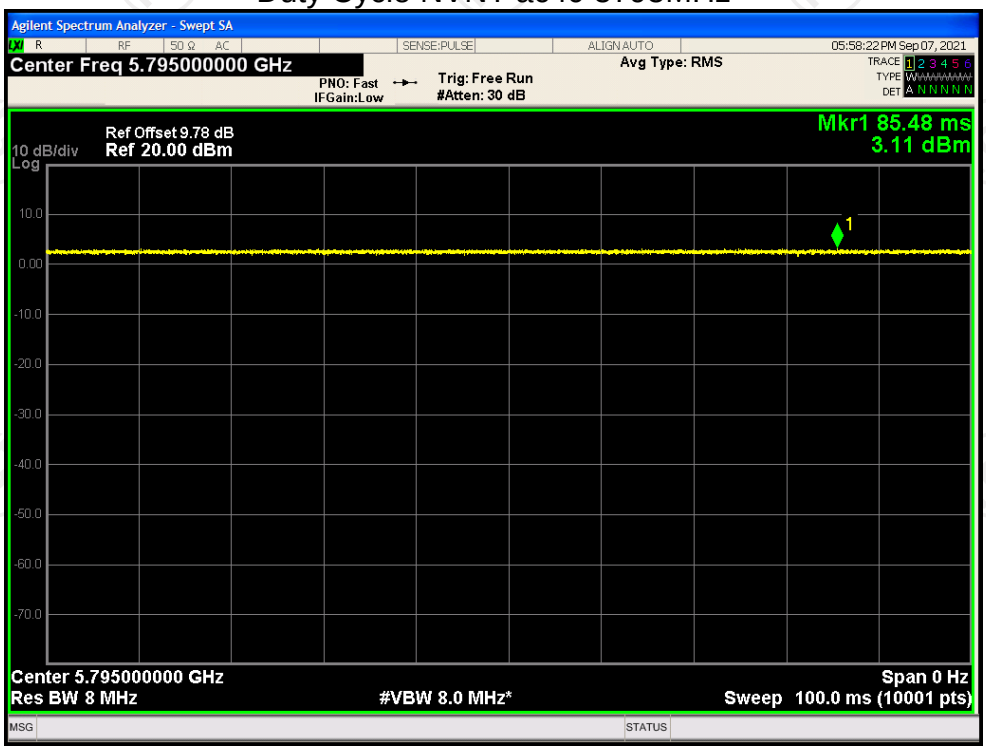
Duty Cycle NVNT ac20 5825MHz



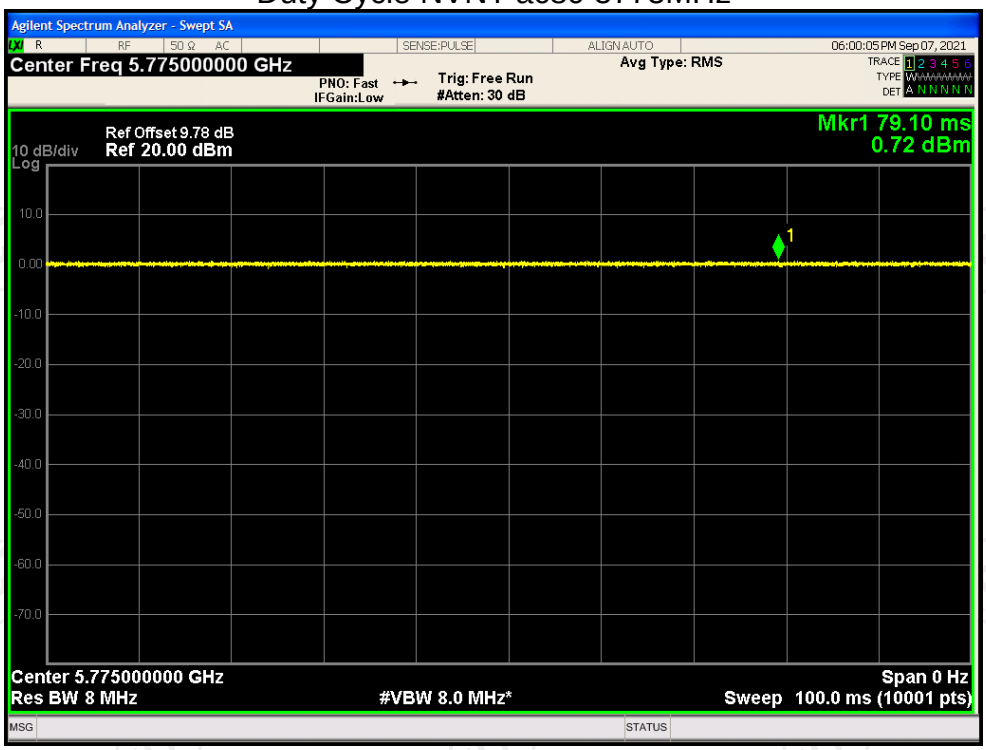
Duty Cycle NVNT ac40 5755MHz



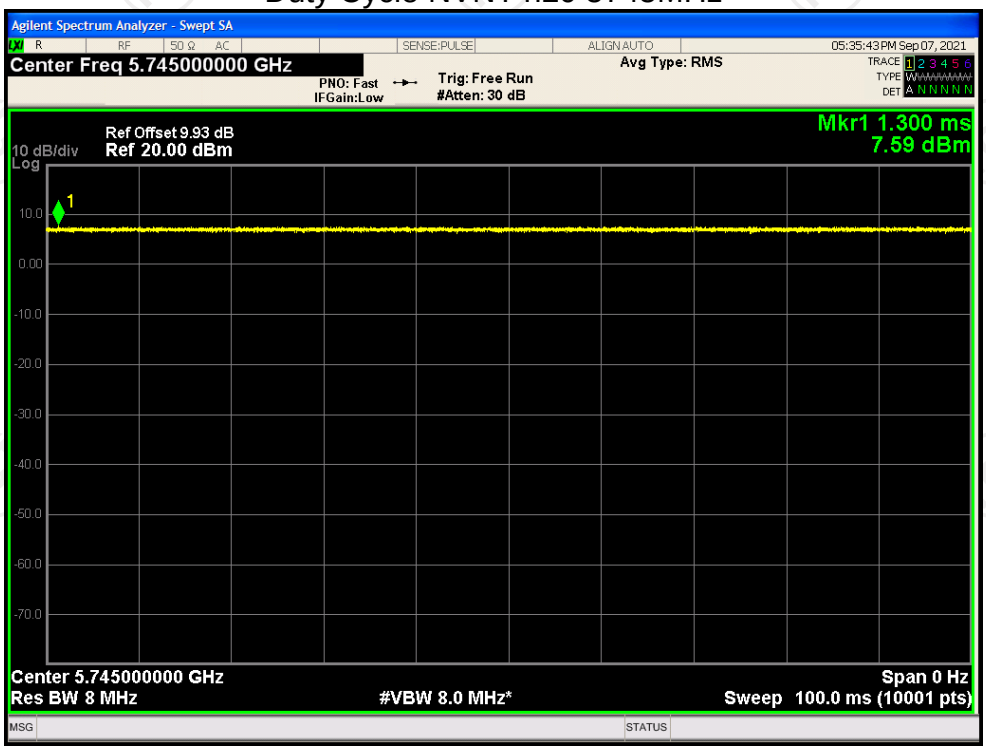
Duty Cycle NVNT ac40 5795MHz



Duty Cycle NVNT ac80 5775MHz



Duty Cycle NVNT n20 5745MHz



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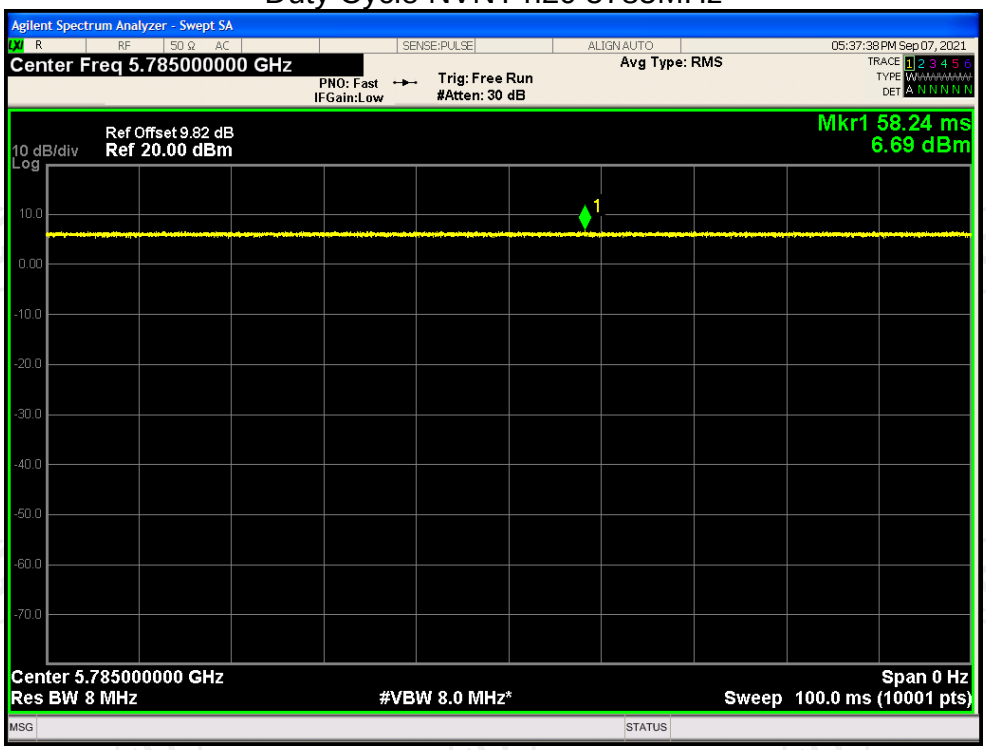
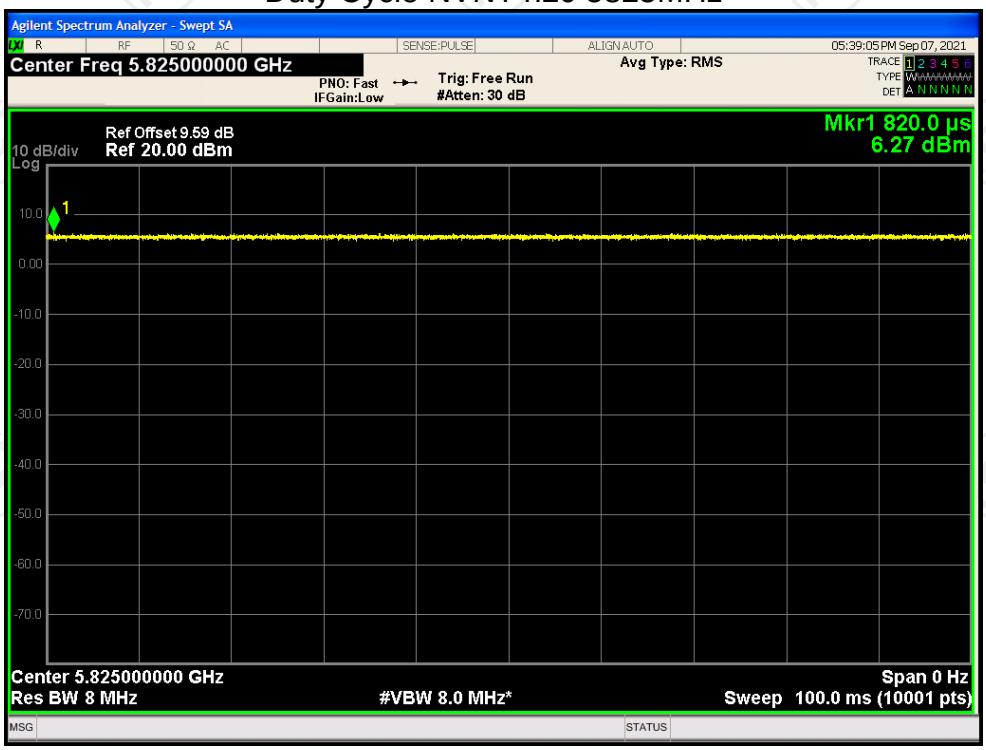
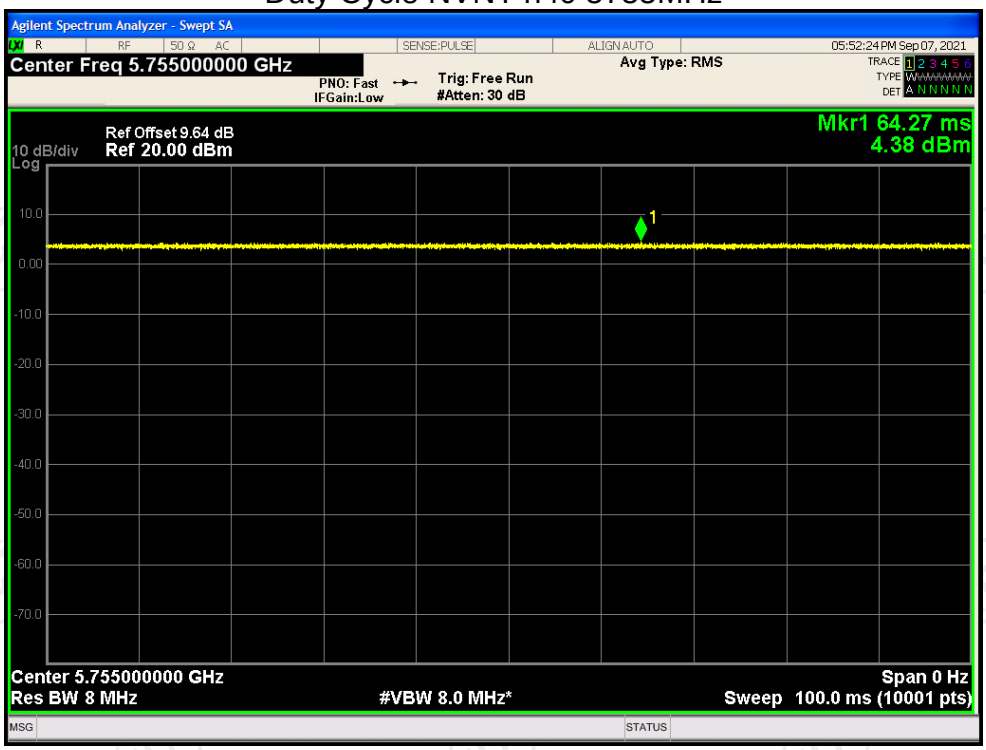


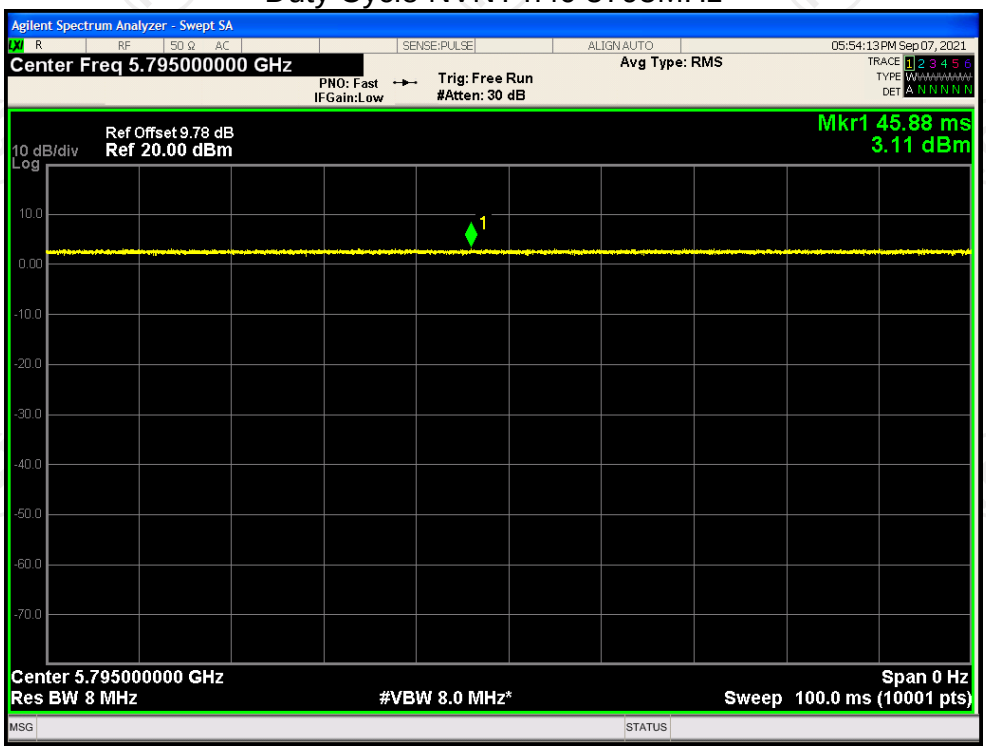
Duty Cycle NVNT n20 5825MHz



Duty Cycle NVNT n40 5755MHz



Duty Cycle NVNT n40 5795MHz



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	9.581	0	9.581	24	Pass
NVNT	a	5200	9.049	0	9.049	24	Pass
NVNT	a	5240	8.121	0	8.121	24	Pass
NVNT	ac20	5180	9.691	0	9.691	24	Pass
NVNT	ac20	5200	9.711	0	9.711	24	Pass
NVNT	ac20	5240	8.969	0	8.969	24	Pass
NVNT	ac40	5190	8.912	0	8.912	24	Pass
NVNT	ac40	5230	8.459	0	8.459	24	Pass
NVNT	ac80	5210	8.461	0	8.461	24	Pass
NVNT	n20	5180	9.609	0	9.609	24	Pass
NVNT	n20	5200	9.543	0	9.543	24	Pass
NVNT	n20	5240	8.869	0	8.869	24	Pass
NVNT	n40	5190	9.446	0	9.446	24	Pass
NVNT	n40	5230	8.991	0	8.991	24	Pass
NVNT	a	5260	8.874	0	8.874	24	Pass
NVNT	a	5280	8.683	0	8.683	24	Pass
NVNT	a	5320	8.491	0	8.491	24	Pass
NVNT	ac20	5260	8.803	0	8.803	24	Pass
NVNT	ac20	5280	8.724	0	8.724	24	Pass
NVNT	ac20	5320	8.473	0	8.473	24	Pass
NVNT	ac40	5270	8.683	0	8.683	24	Pass
NVNT	ac40	5310	8.567	0	8.567	24	Pass
NVNT	ac80	5290	8.760	0	8.760	24	Pass
NVNT	n20	5260	8.761	0	8.761	24	Pass
NVNT	n20	5280	8.594	0	8.594	24	Pass
NVNT	n20	5320	8.450	0	8.450	24	Pass
NVNT	n40	5270	8.578	0	8.578	24	Pass
NVNT	n40	5310	8.614	0	8.614	24	Pass
NVNT	a	5500	9.923	0	9.923	24	Pass
NVNT	a	5600	11.085	0	11.085	24	Pass
NVNT	a	5700	10.763	0	10.763	24	Pass
NVNT	ac20	5500	9.724	0	9.724	24	Pass
NVNT	ac20	5600	10.604	0	10.604	24	Pass
NVNT	ac20	5700	10.458	0	10.458	24	Pass
NVNT	ac40	5510	9.887	0	9.887	24	Pass
NVNT	ac40	5590	10.863	0	10.863	24	Pass
NVNT	ac40	5670	10.473	0	10.473	24	Pass
NVNT	ac80	5530	10.169	0	10.169	24	Pass
NVNT	ac80	5610	11.097	0	11.097	24	Pass
NVNT	n20	5500	9.733	0	9.733	24	Pass
NVNT	n20	5600	10.711	0	10.711	24	Pass
NVNT	n20	5700	10.415	0	10.415	24	Pass
NVNT	n40	5510	9.833	0	9.833	24	Pass
NVNT	n40	5590	10.656	0	10.656	24	Pass

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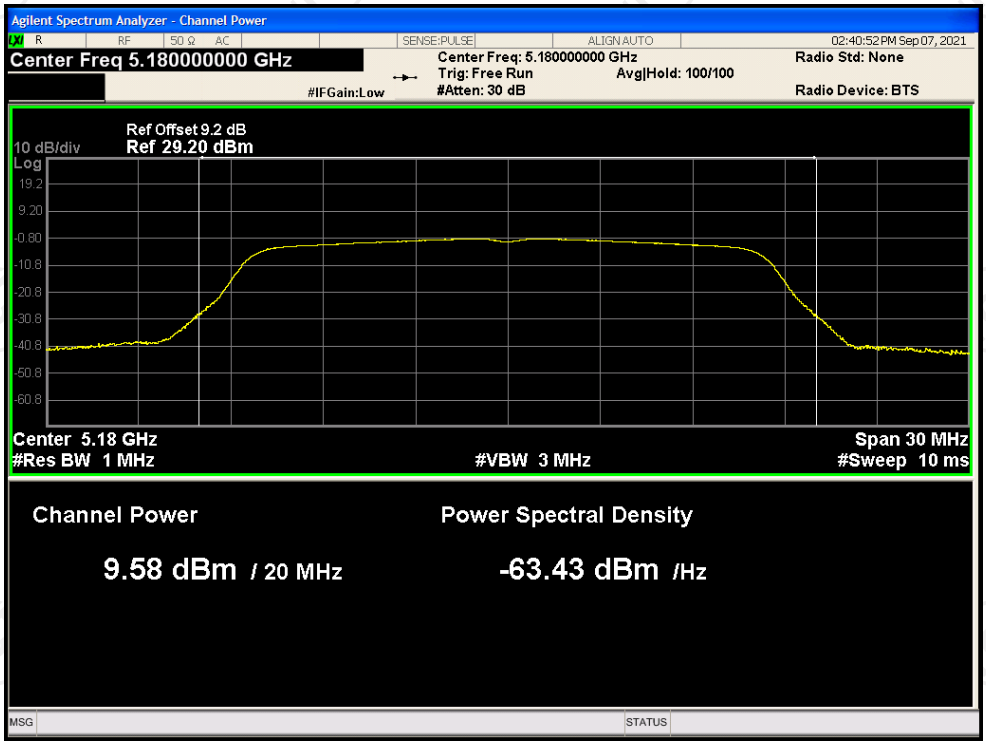
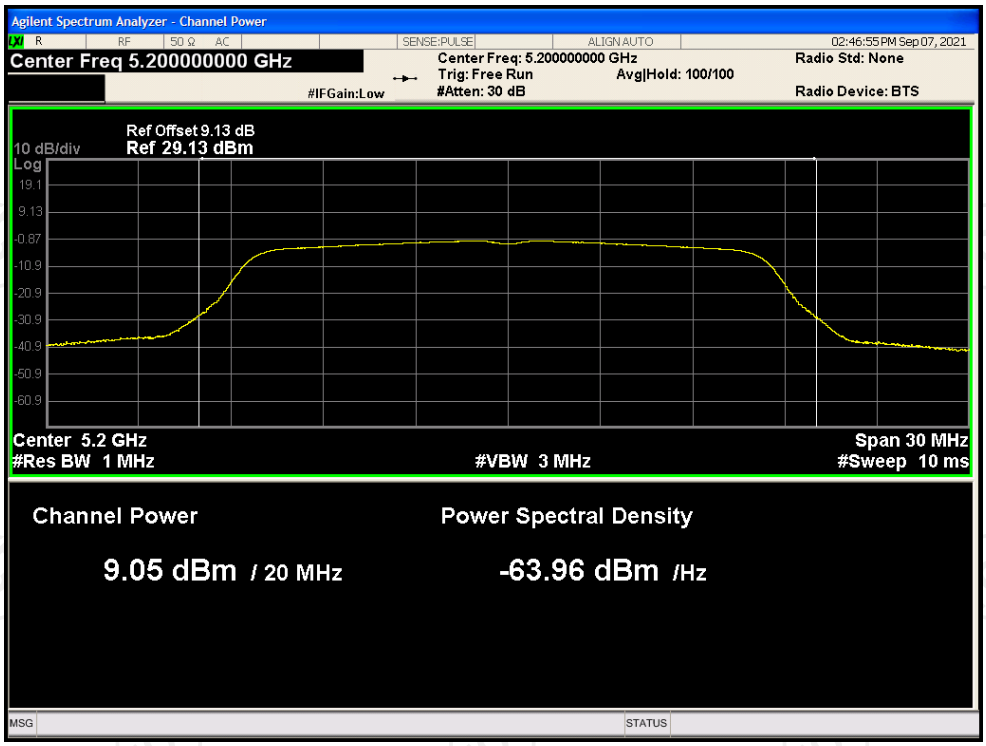
NVNT	n40	5670	10.699	0	10.699	24	Pass
NVNT	a	5745	9.609	0	9.609	30	Pass
NVNT	a	5785	8.821	0	8.821	30	Pass
NVNT	a	5825	8.304	0	8.304	30	Pass
NVNT	ac20	5745	9.547	0	9.547	30	Pass
NVNT	ac20	5785	8.634	0	8.634	30	Pass
NVNT	ac20	5825	8.131	0	8.131	30	Pass
NVNT	ac40	5755	8.969	0	8.969	30	Pass
NVNT	ac40	5795	8.227	0	8.227	30	Pass
NVNT	ac80	5775	8.832	0	8.832	30	Pass
NVNT	n20	5745	9.536	0	9.536	30	Pass
NVNT	n20	5785	8.708	0	8.708	30	Pass
NVNT	n20	5825	8.170	0	8.170	30	Pass
NVNT	n40	5755	9.206	0	9.206	30	Pass
NVNT	n40	5795	8.225	0	8.225	30	Pass

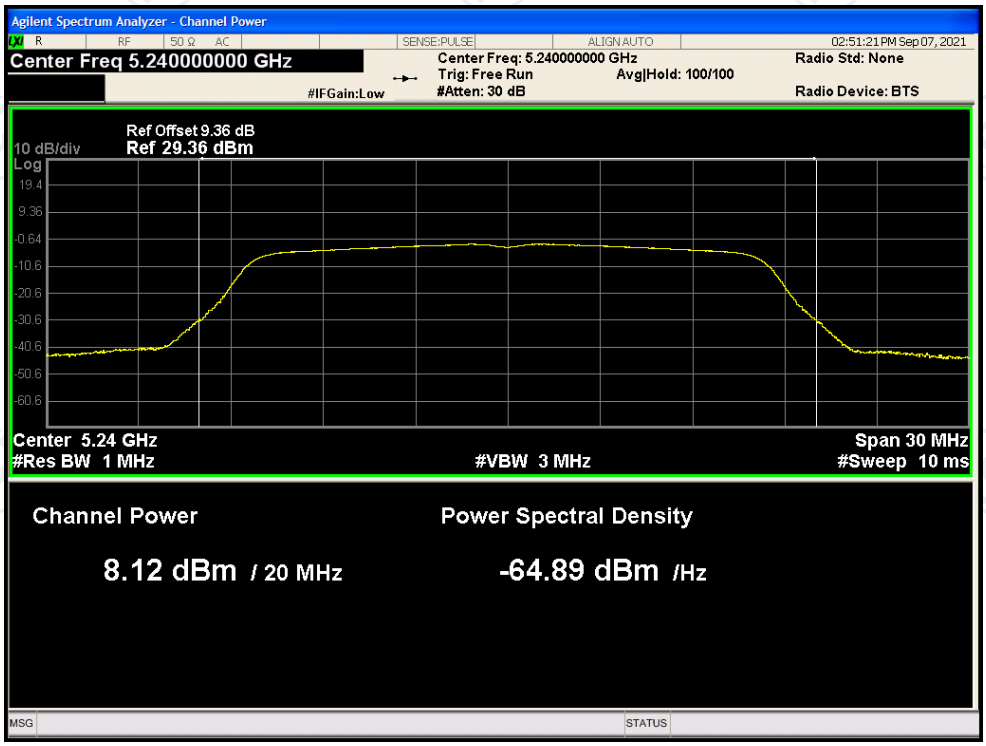
Power NVNT a 5180MHz



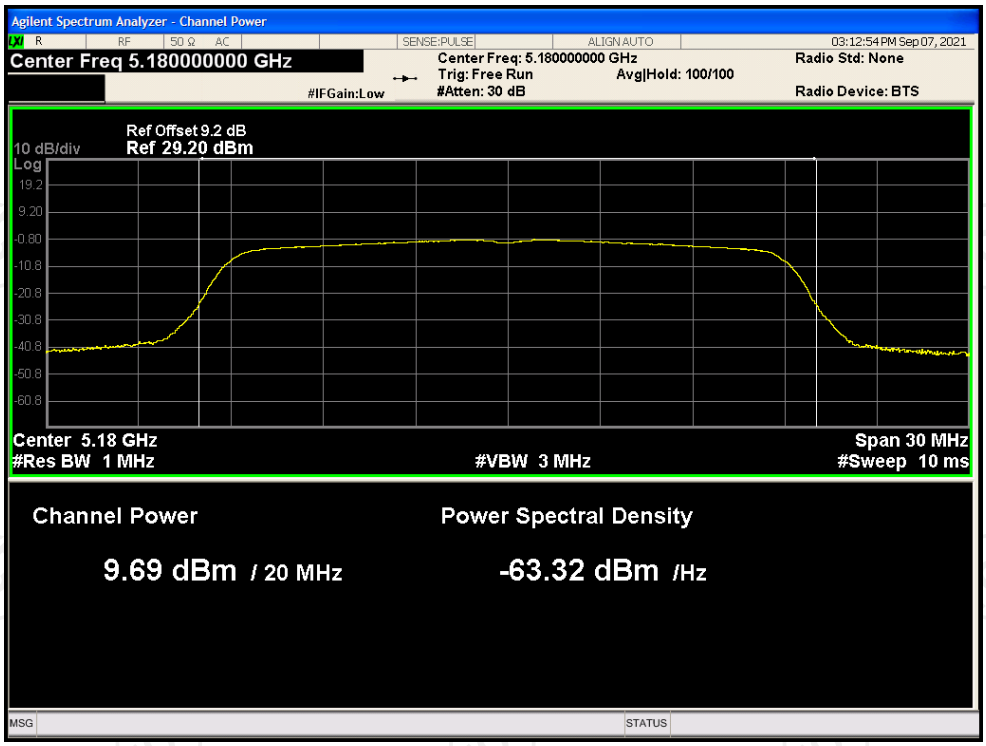
Power NVNT a 5200MHz



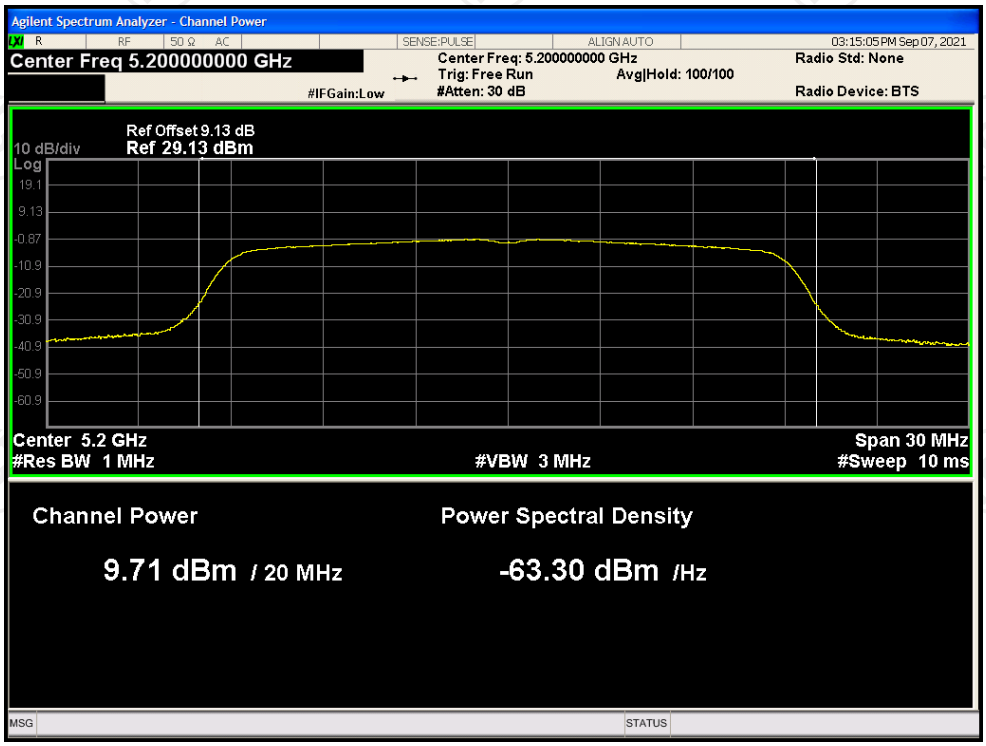
Power NVNT a 5240MHz



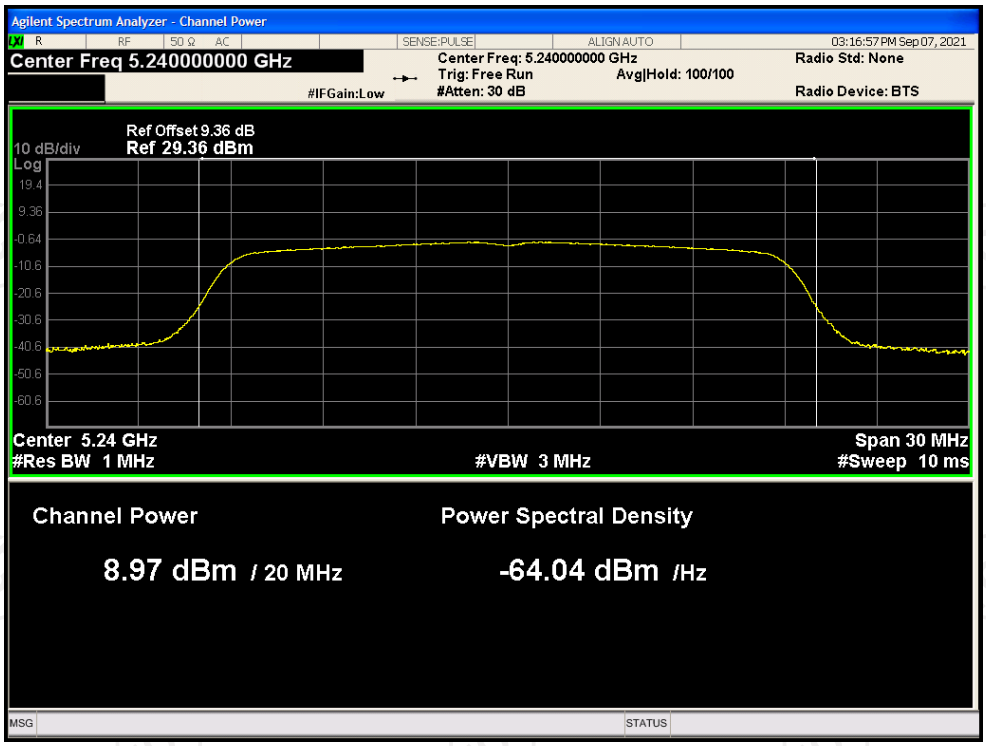
Power NVNT ac20 5180MHz



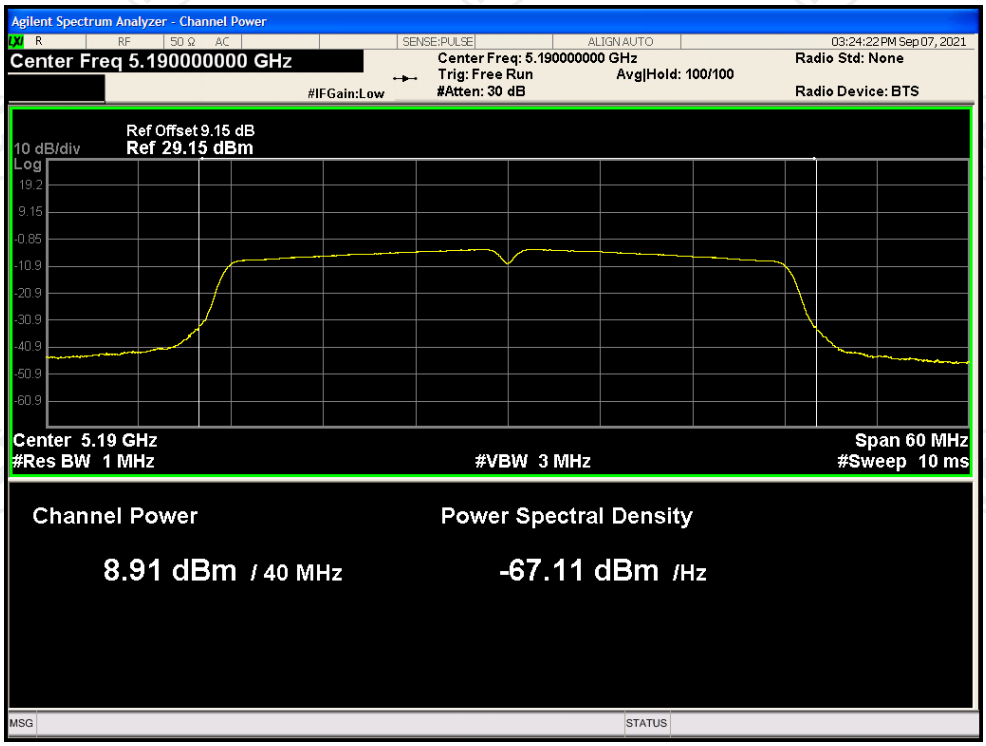
Power NVNT ac20 5200MHz



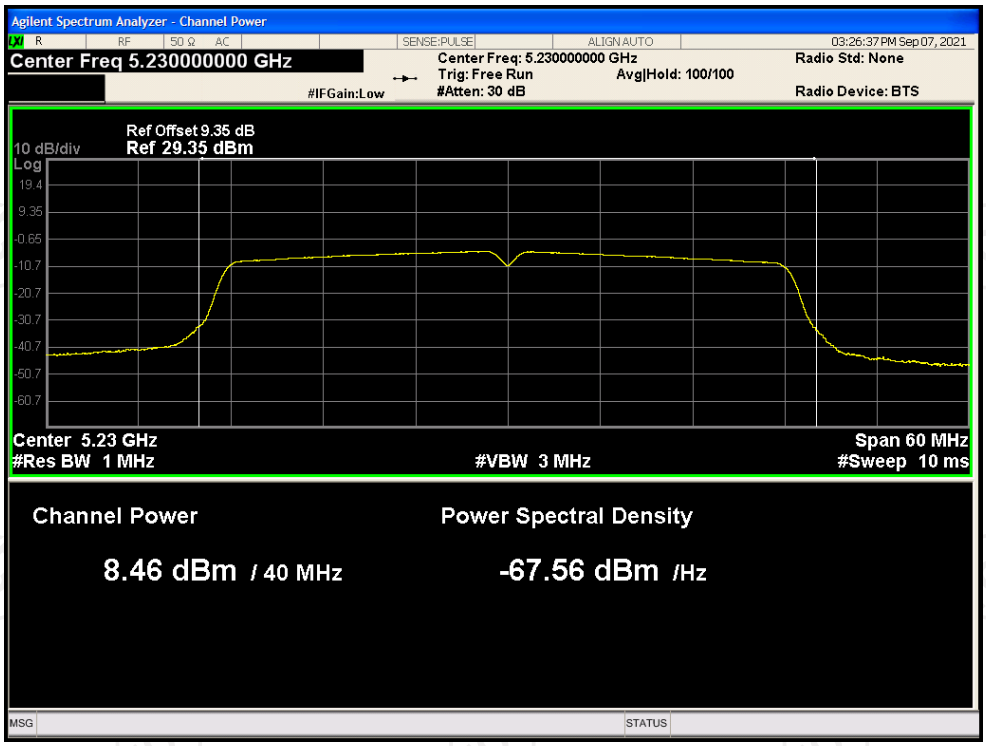
Power NVNT ac20 5240MHz



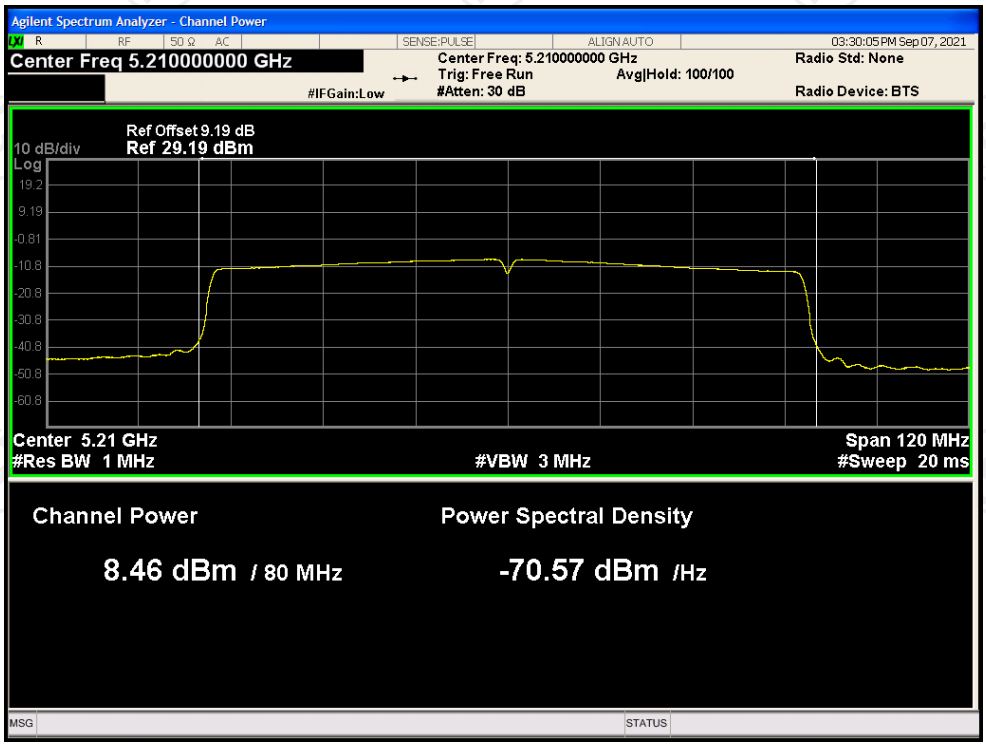
Power NVNT ac40 5190MHz



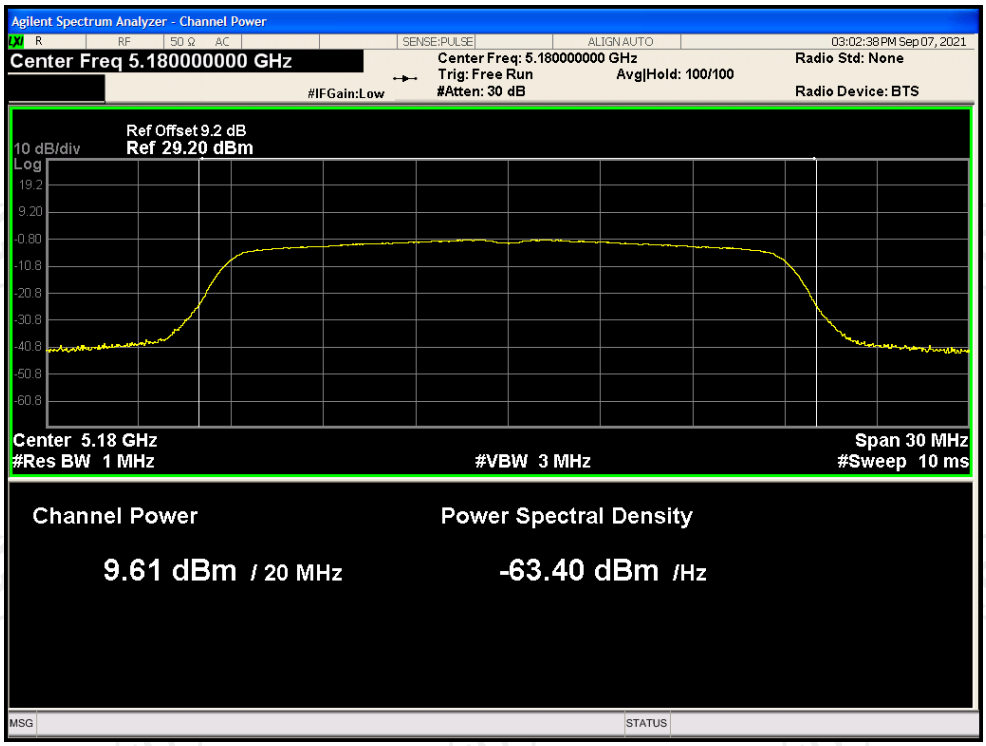
Power NVNT ac40 5230MHz



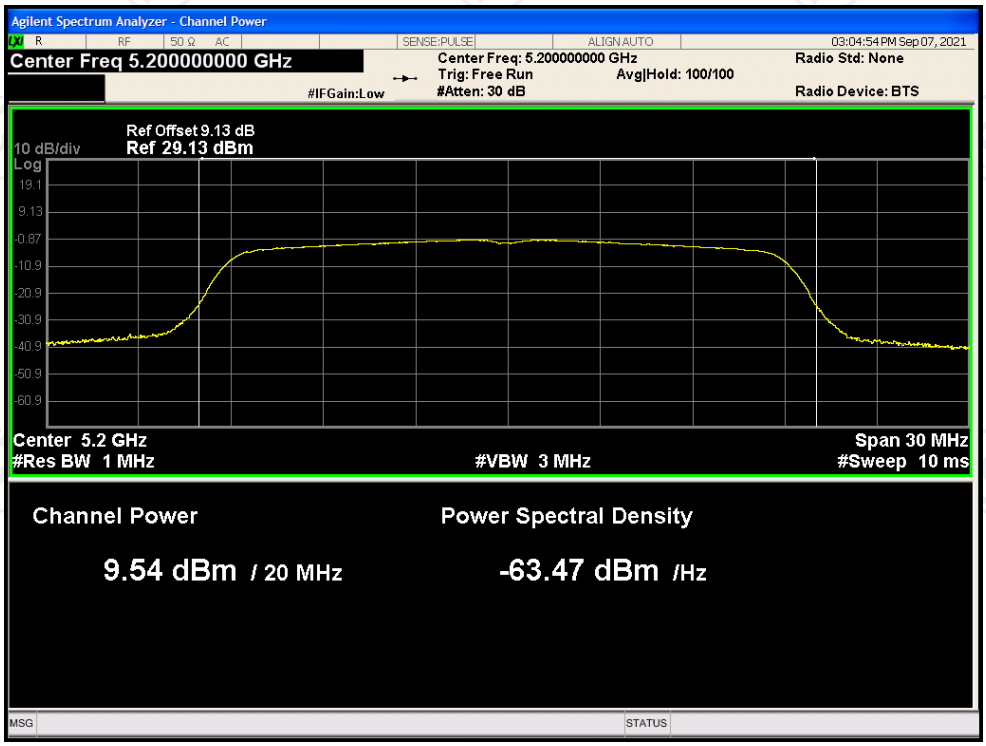
Power NVNT ac80 5210MHz



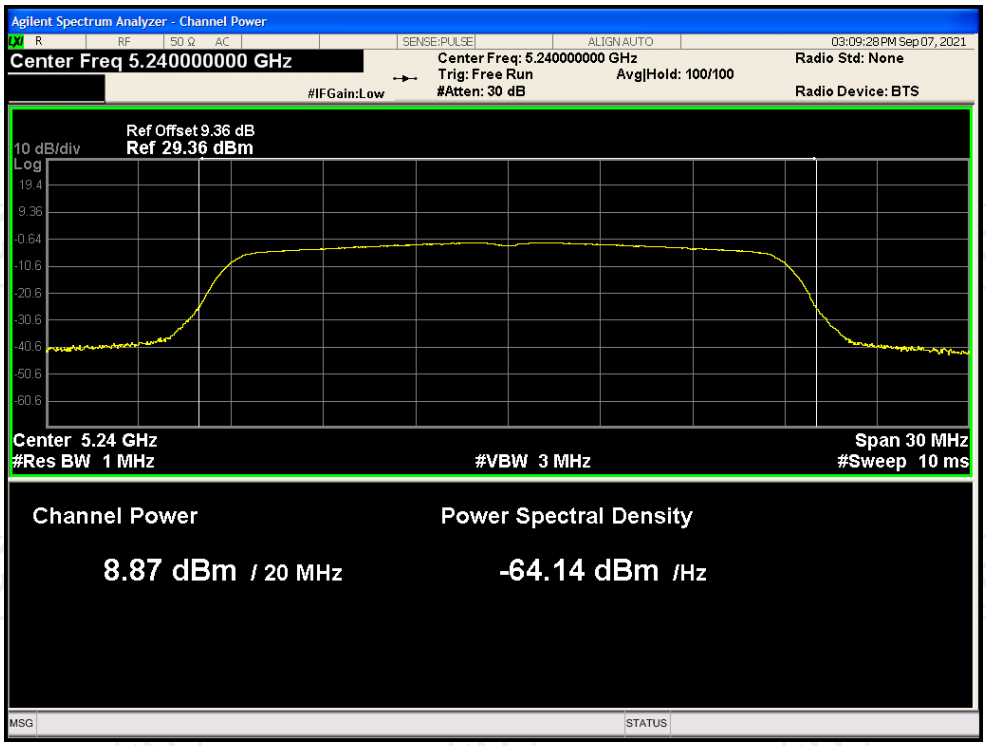
Power NVNT n20 5180MHz



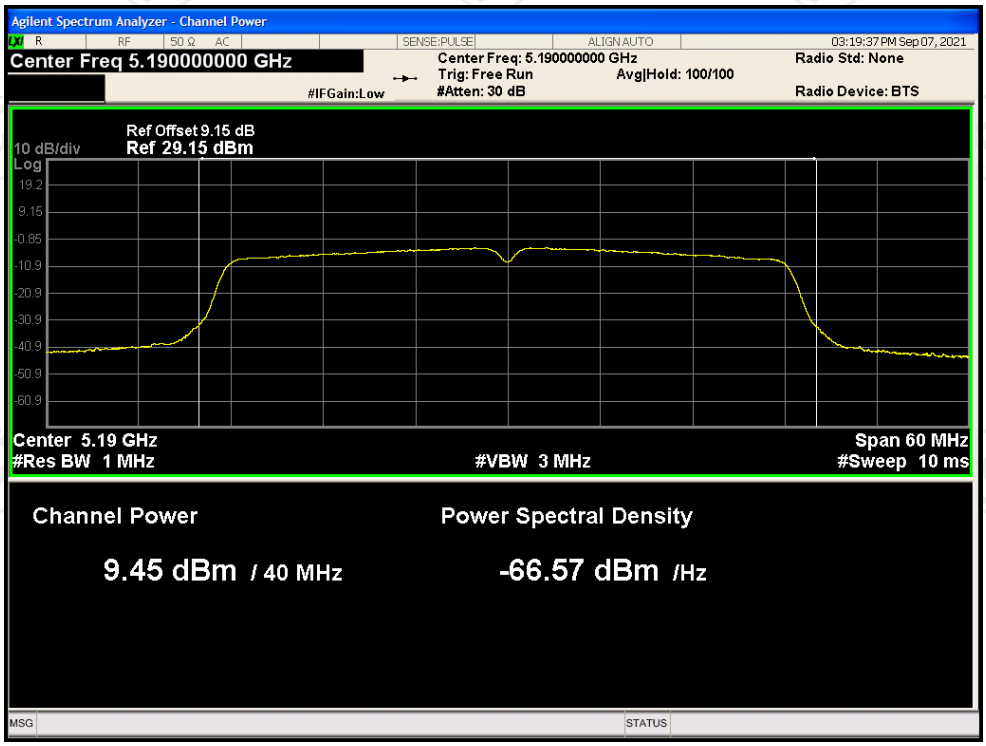
Power NVNT n20 5200MHz



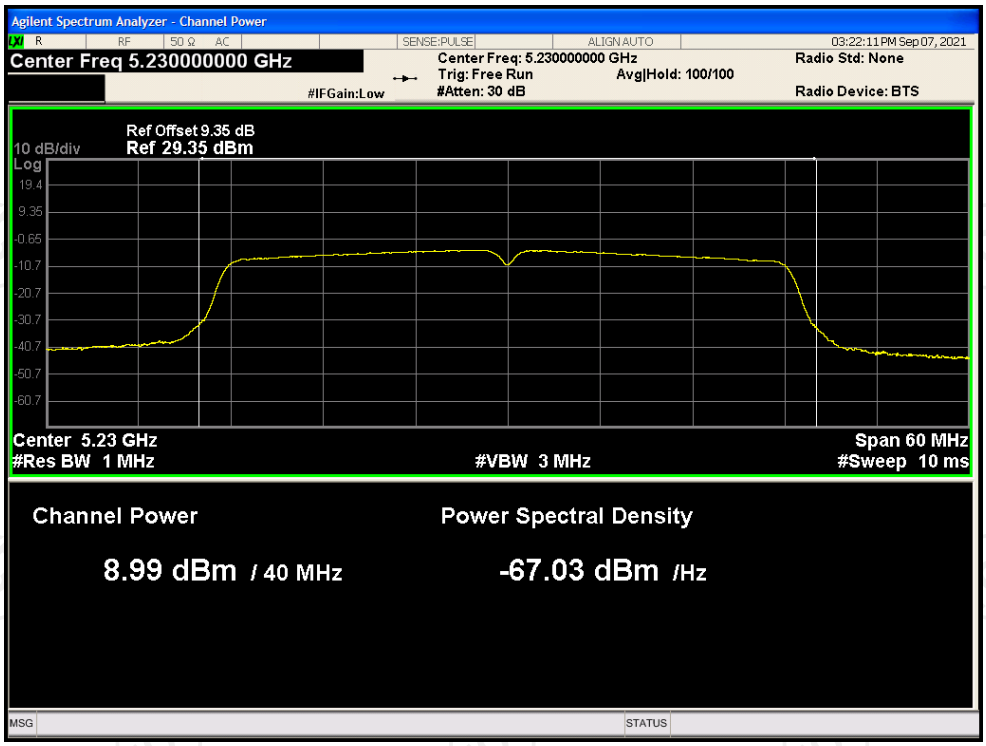
Power NVNT n20 5240MHz



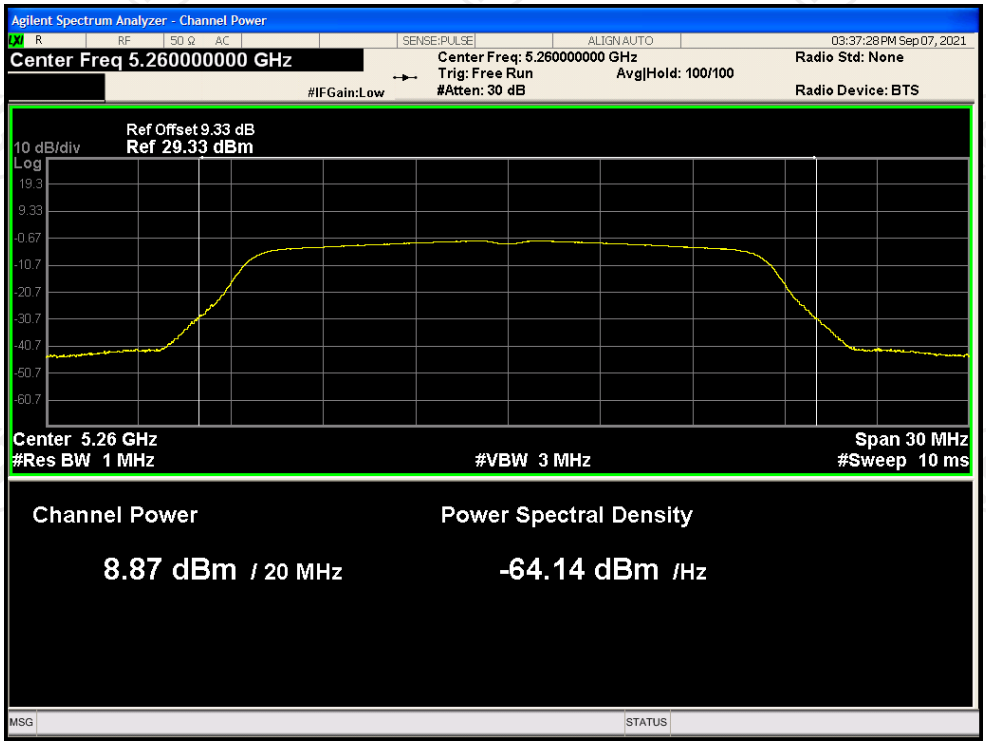
Power NVNT n40 5190MHz



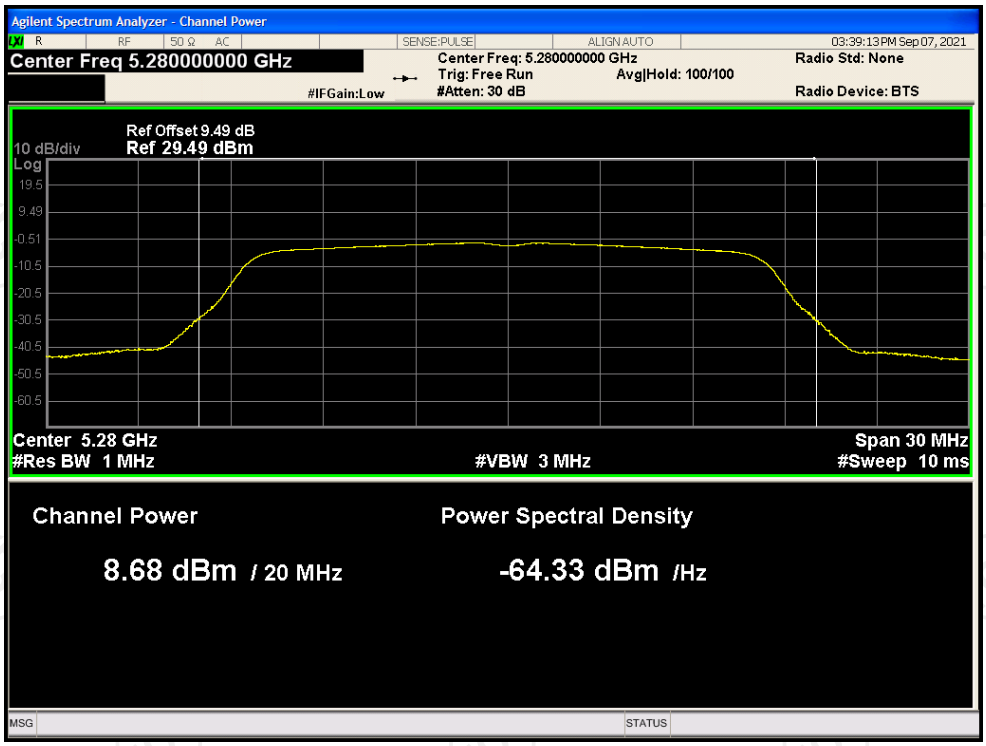
Power NVNT n40 5230MHz



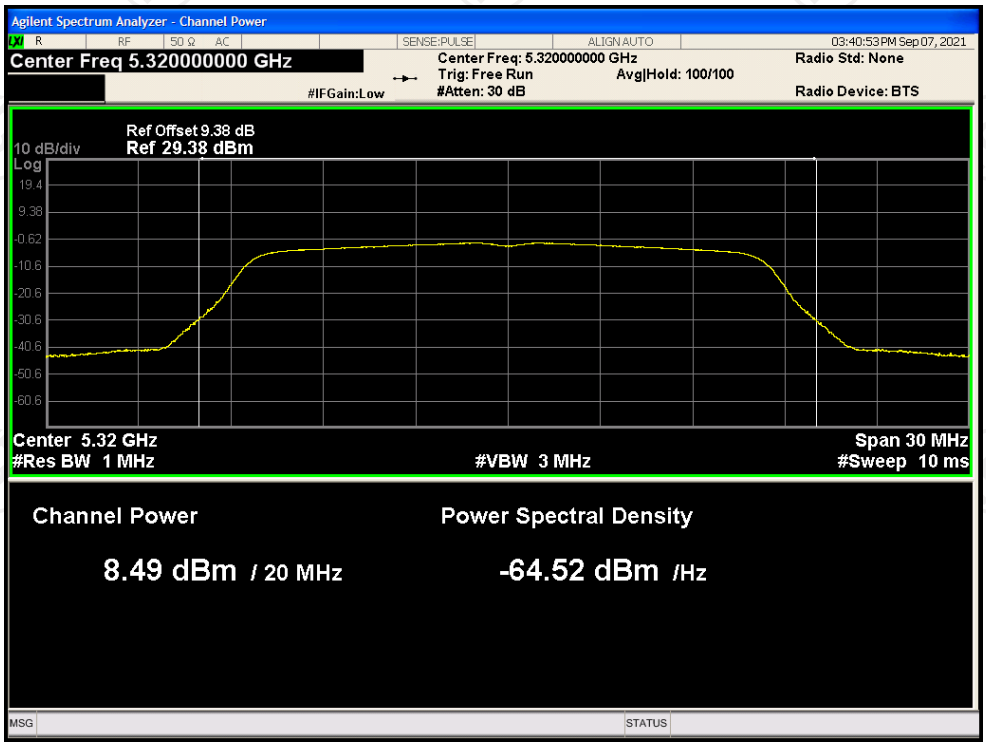
Power NVNT a 5260MHz



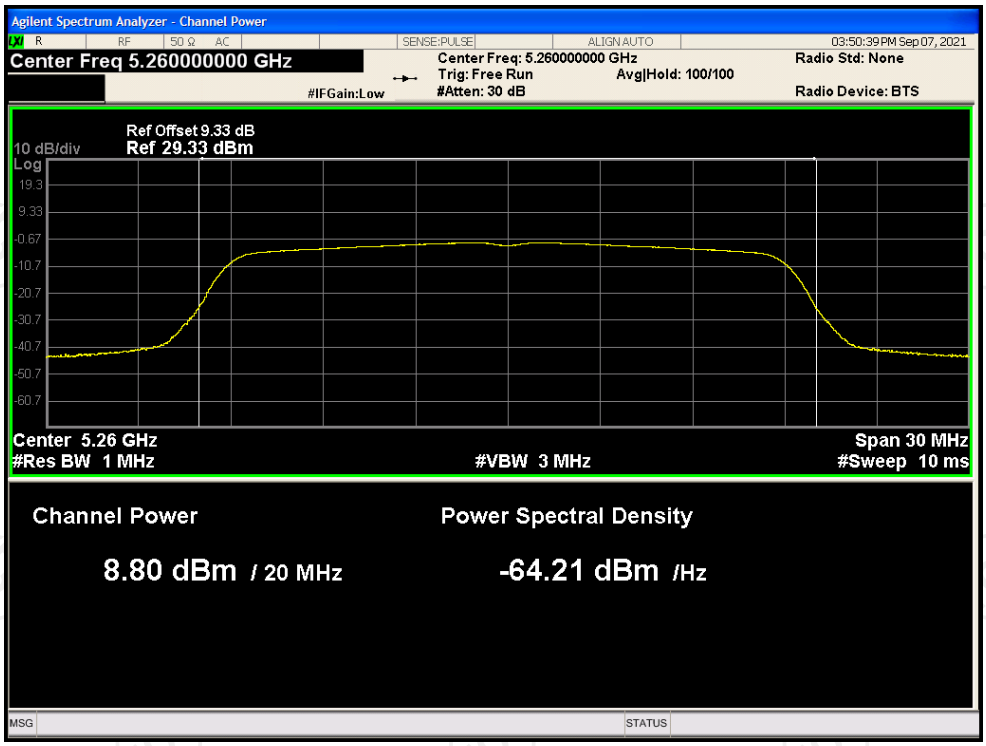
Power NVNT a 5280MHz



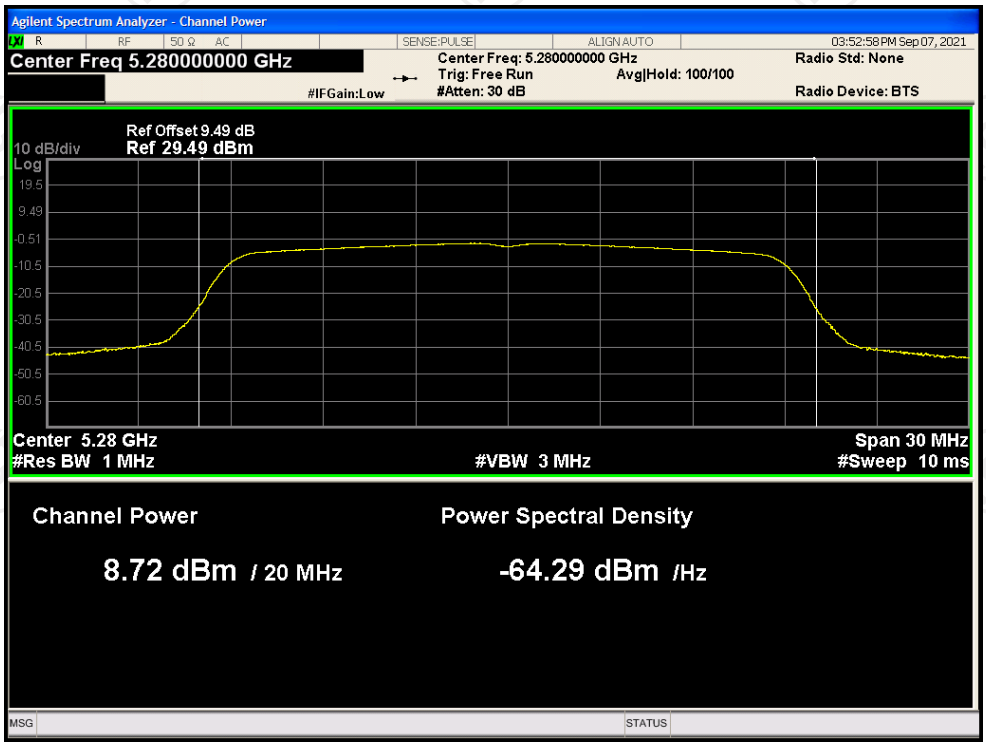
Power NVNT a 5320MHz



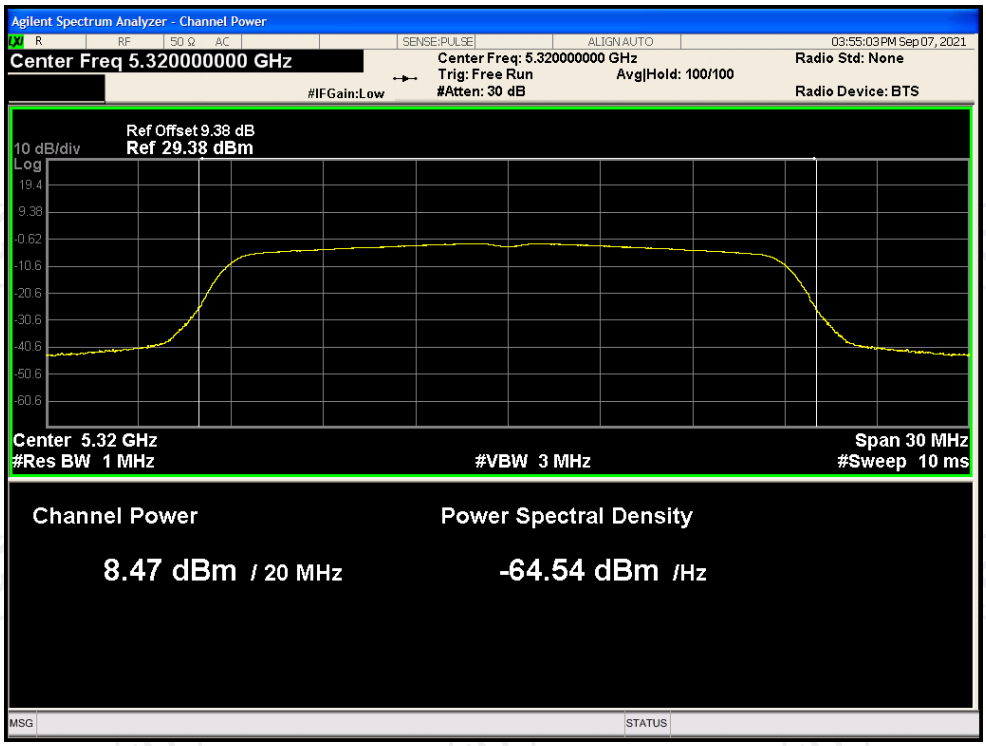
Power NVNT ac20 5260MHz



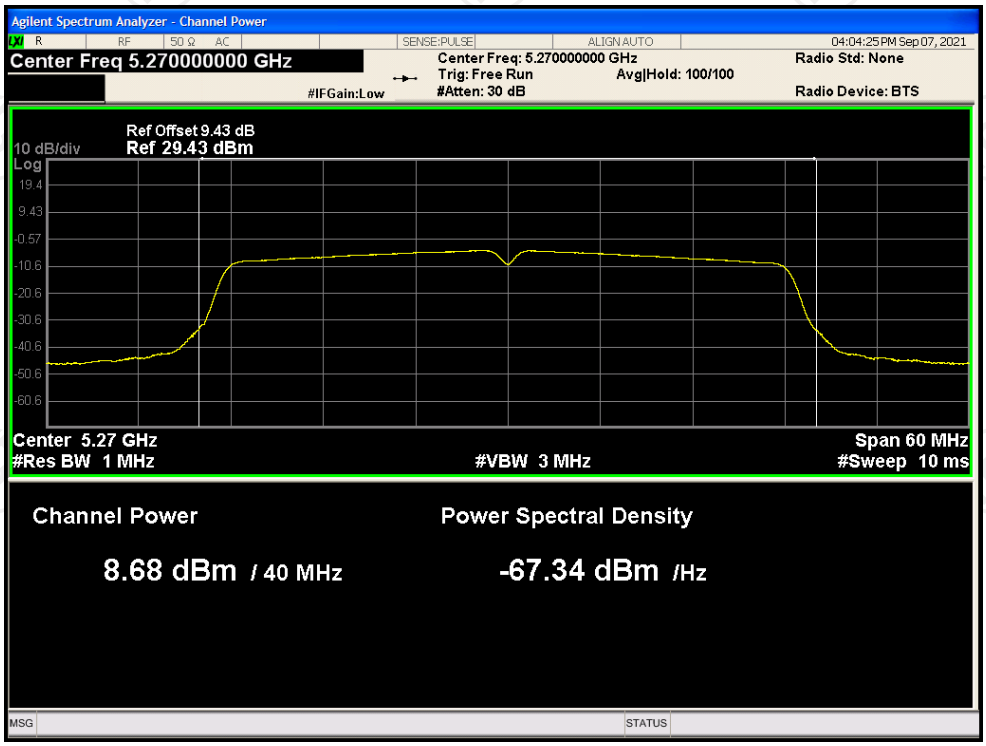
Power NVNT ac20 5280MHz



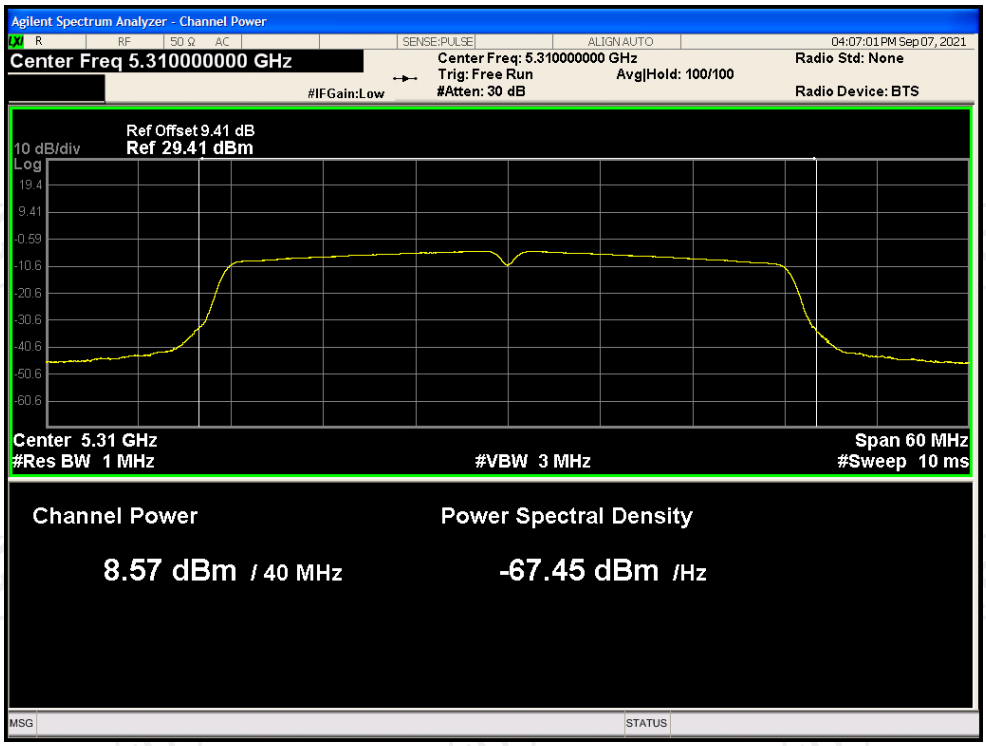
Power NVNT ac20 5320MHz



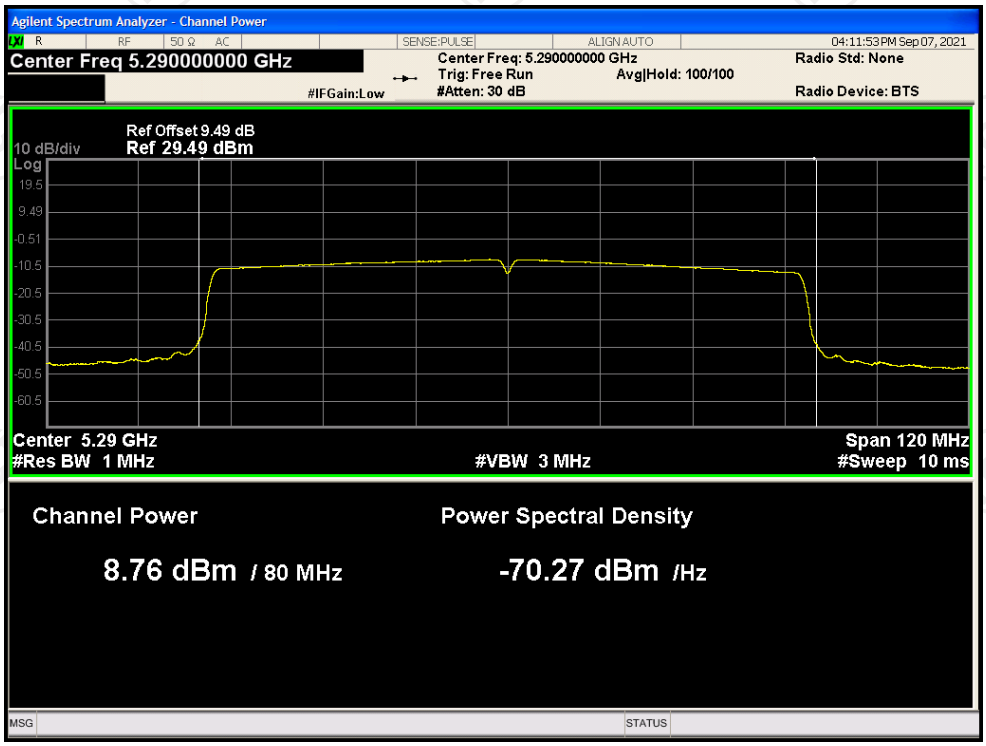
Power NVNT ac40 5270MHz



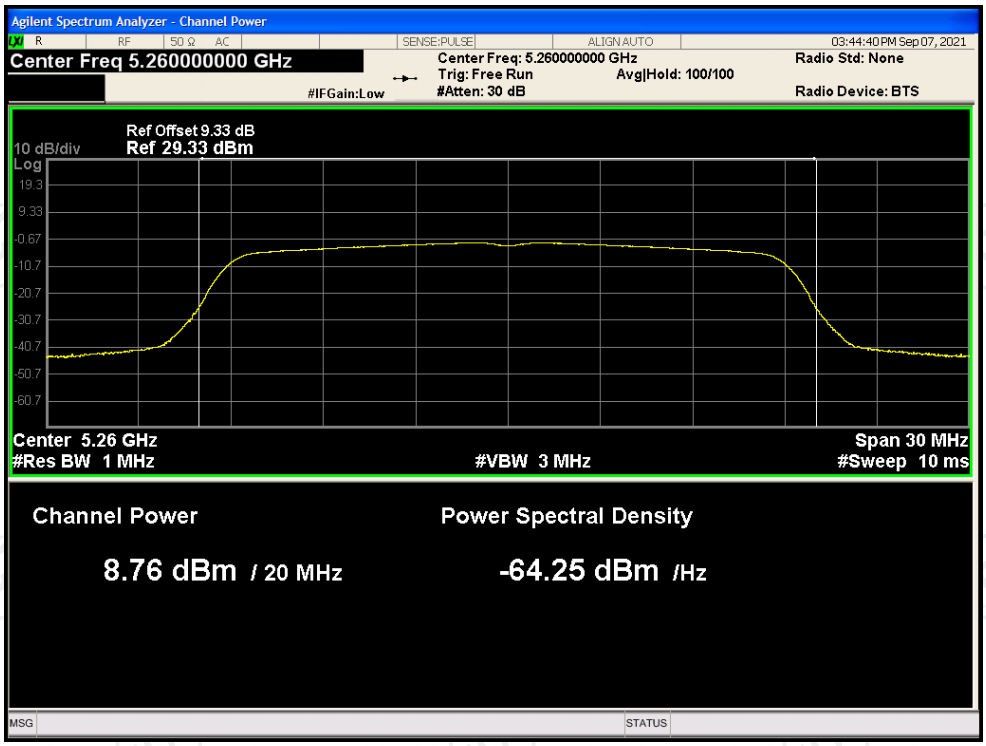
Power NVNT ac40 5310MHz



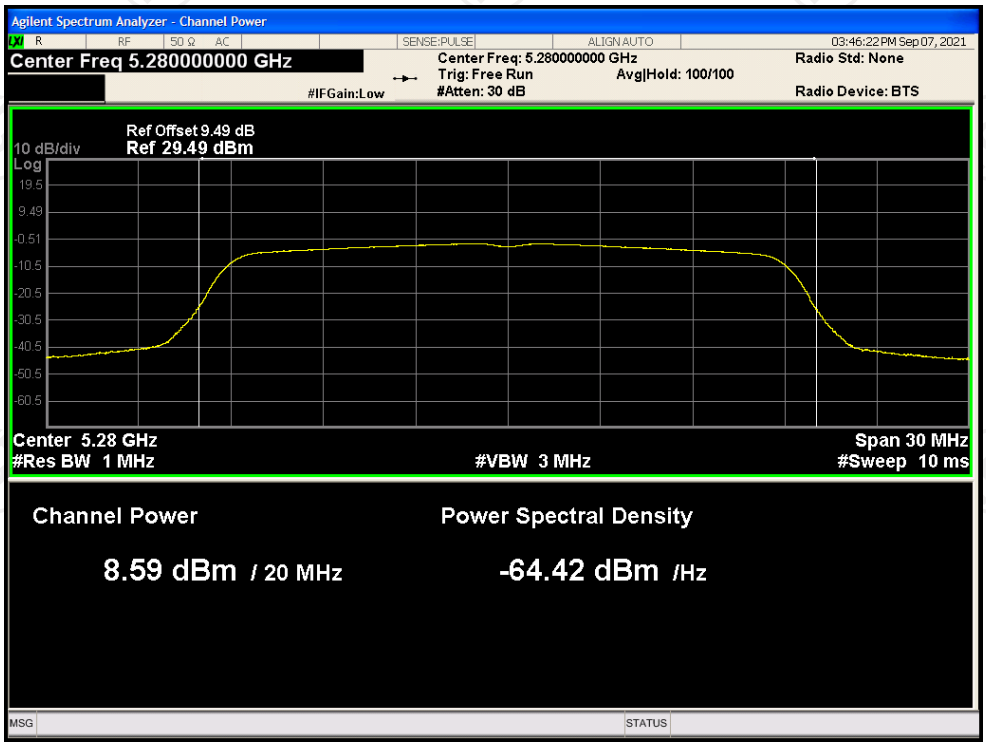
Power NVNT ac80 5290MHz



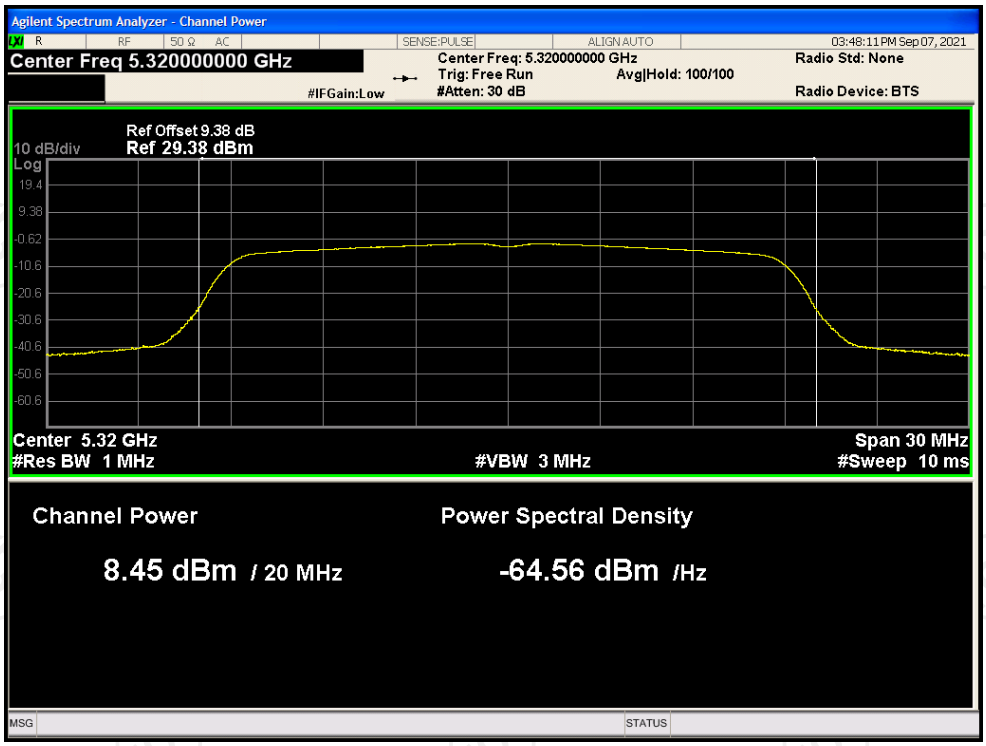
Power NVNT n20 5260MHz



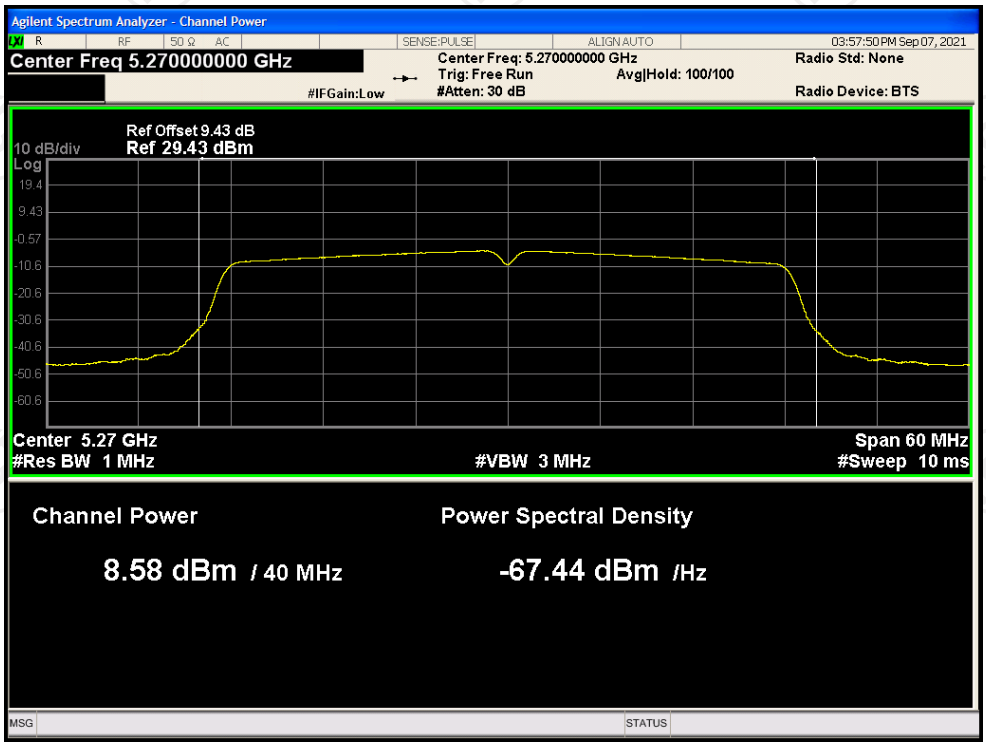
Power NVNT n20 5280MHz



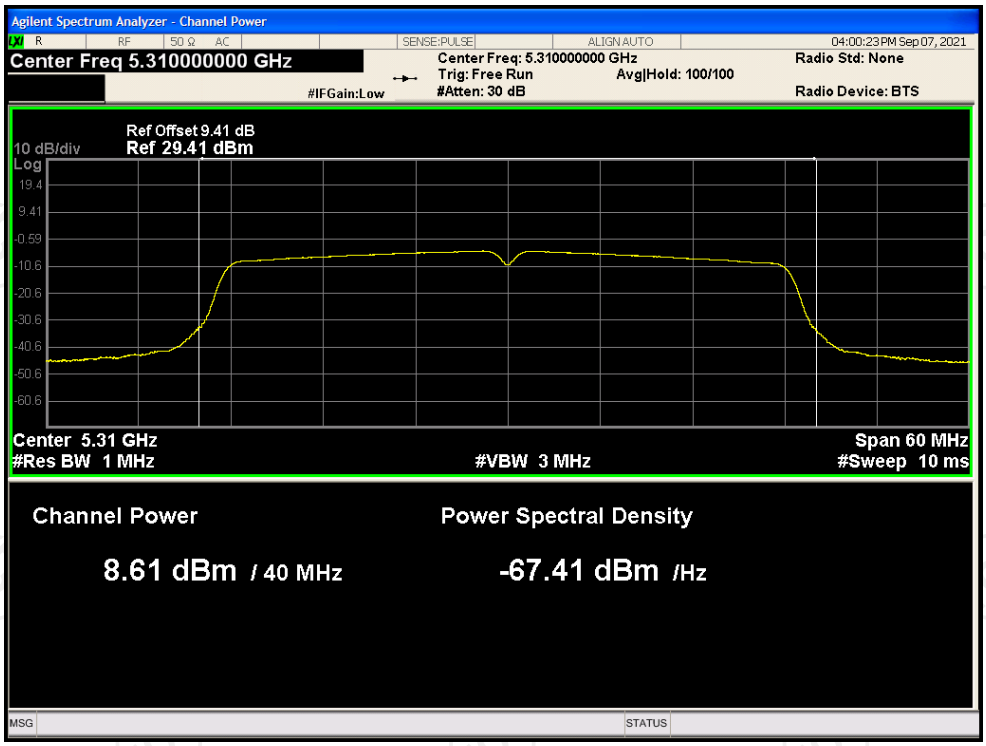
Power NVNT n20 5320MHz



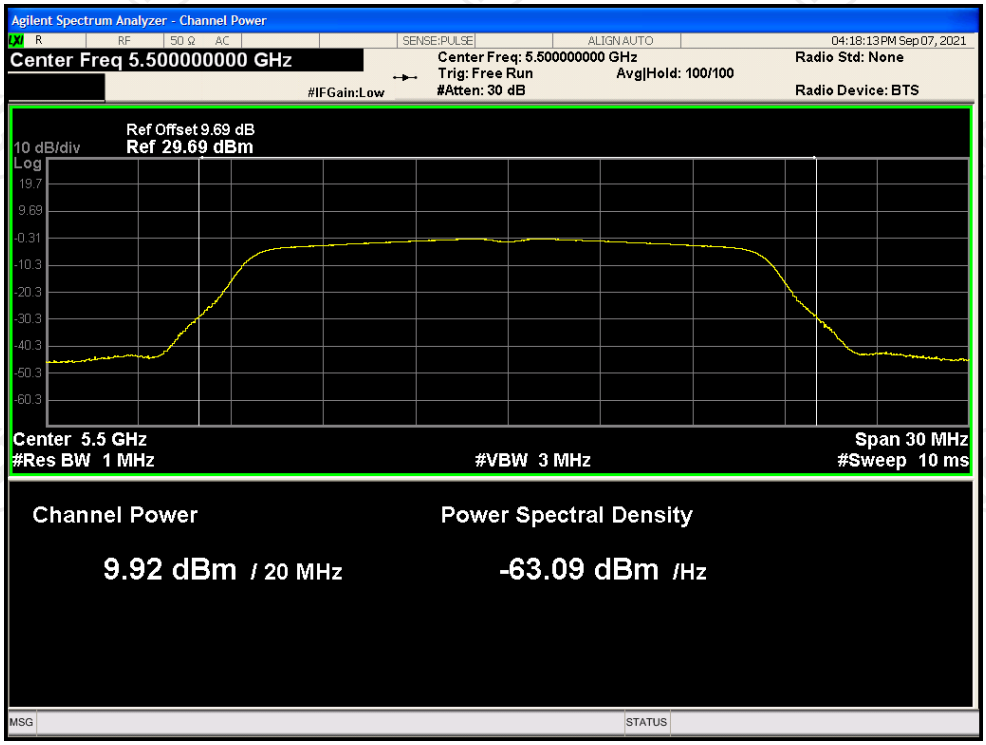
Power NVNT n40 5270MHz



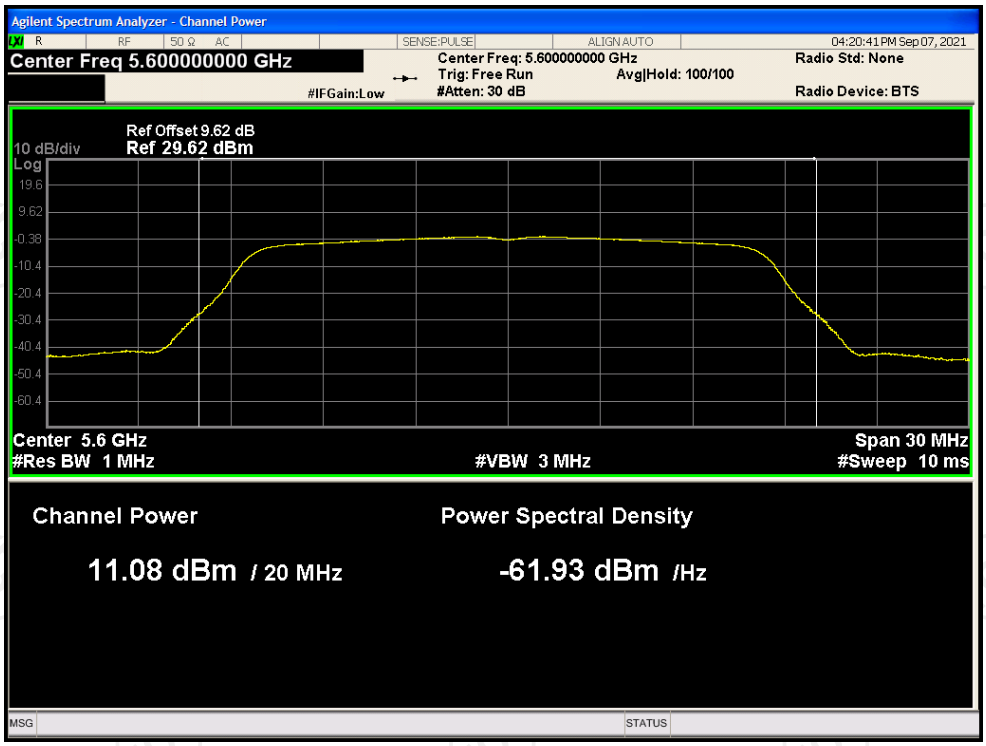
Power NVNT n40 5310MHz



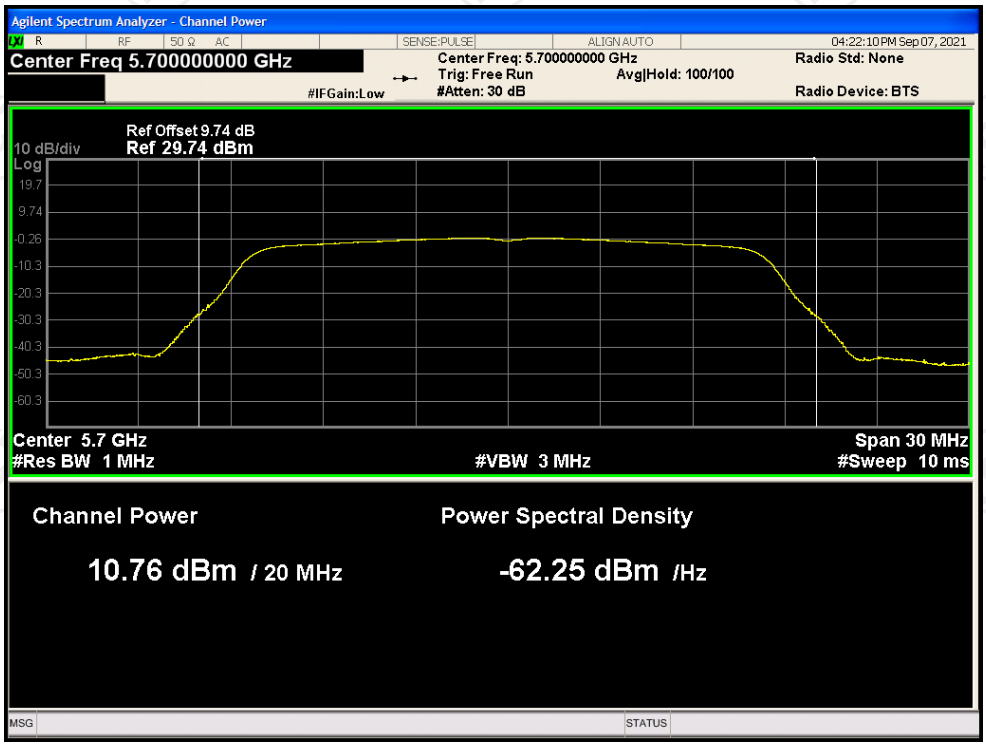
Power NVNT a 5500MHz



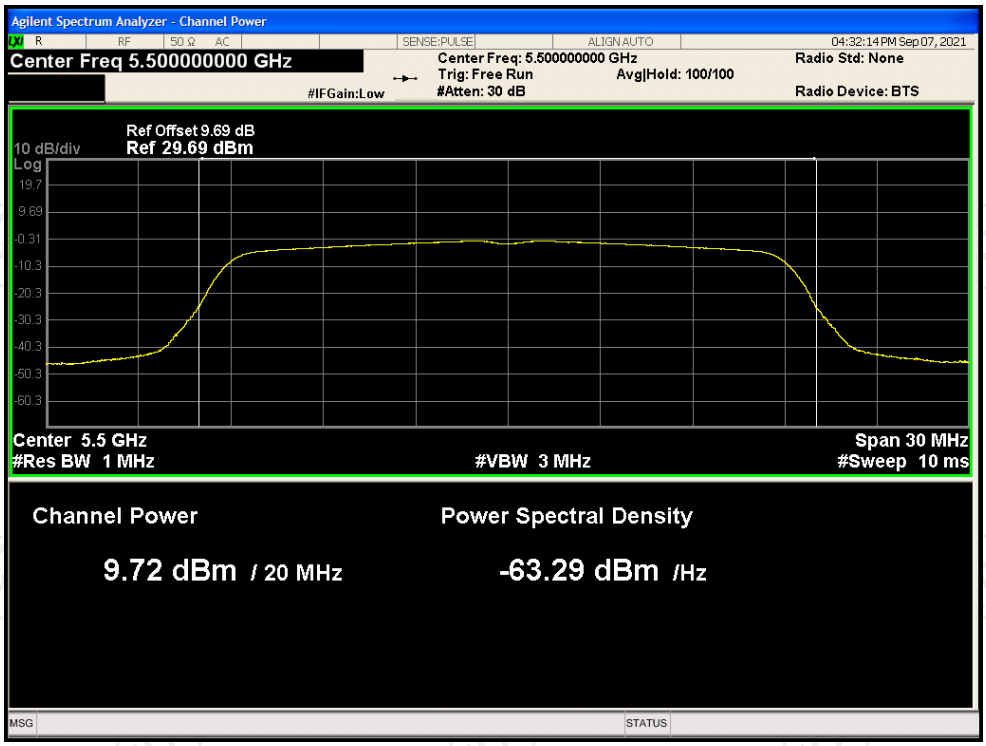
Power NVNT a 5600MHz



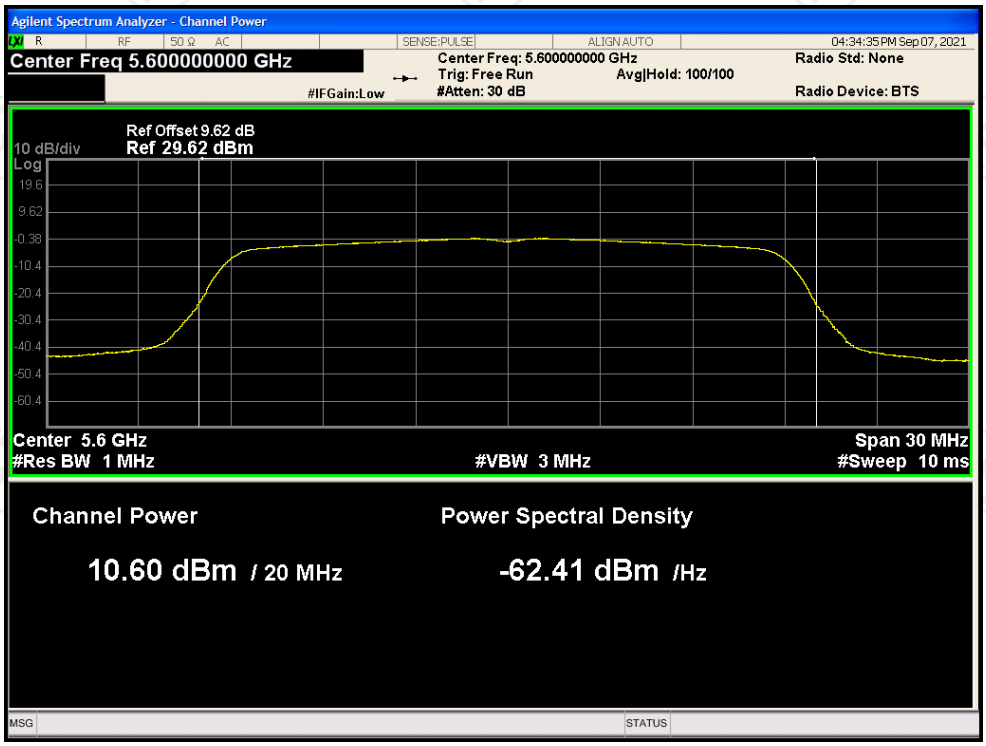
Power NVNT a 5700MHz



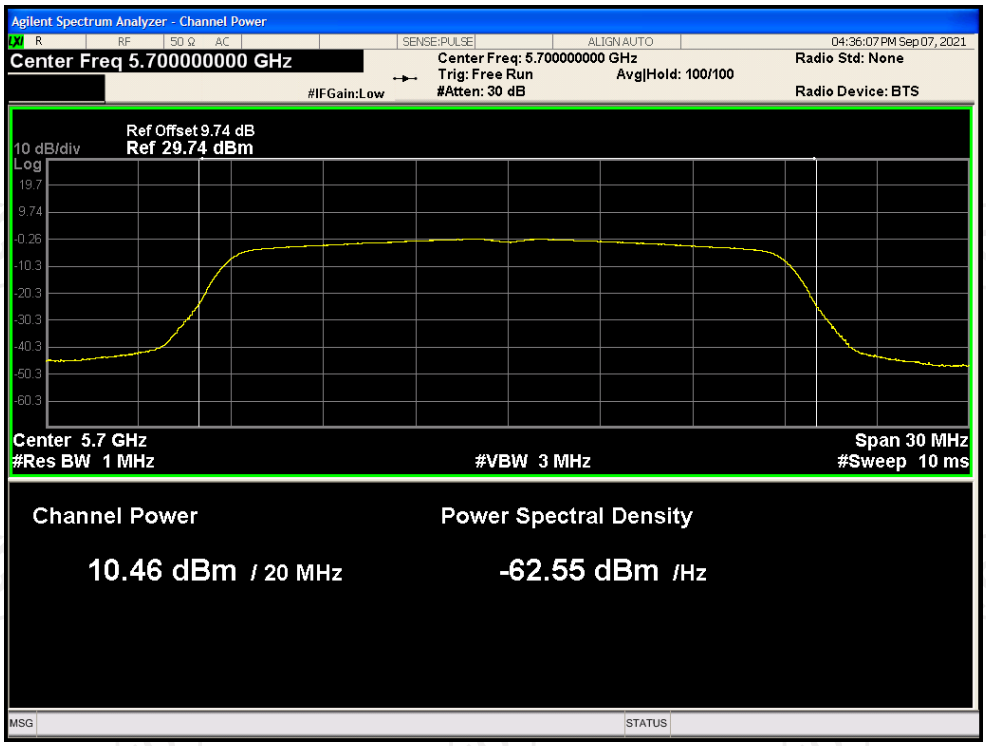
Power NVNT ac20 5500MHz



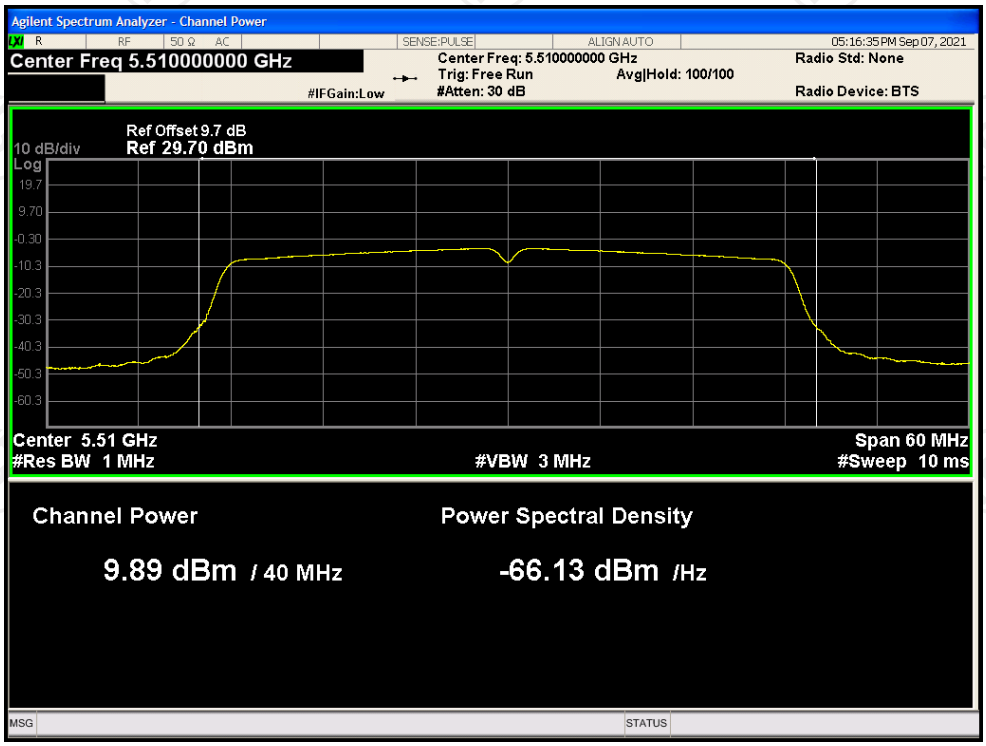
Power NVNT ac20 5600MHz



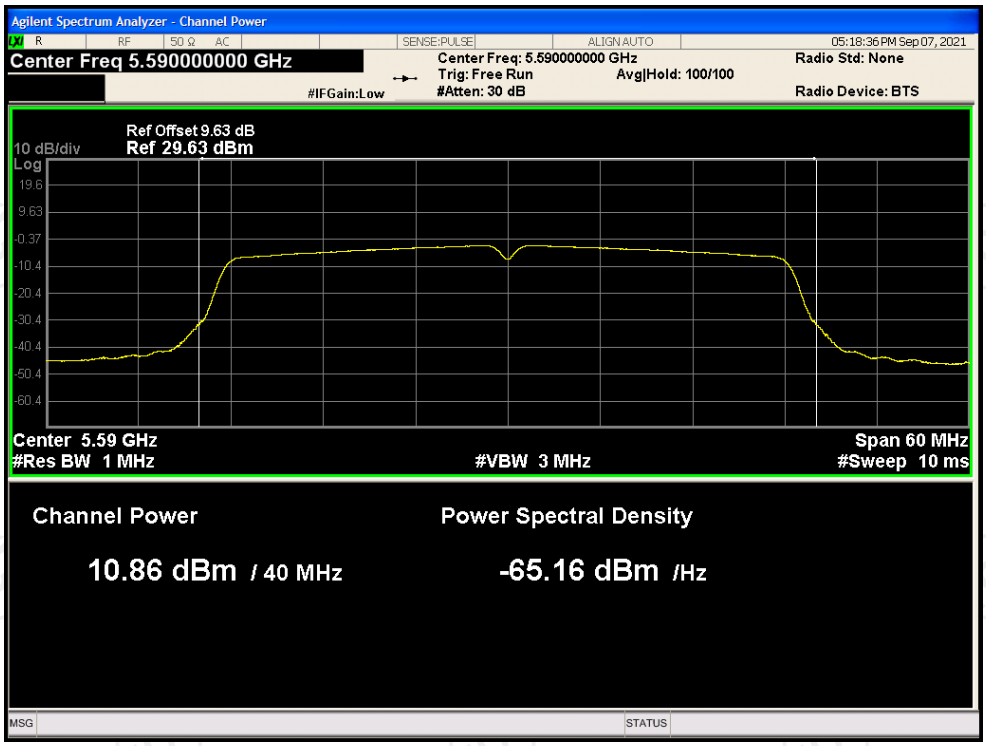
Power NVNT ac20 5700MHz



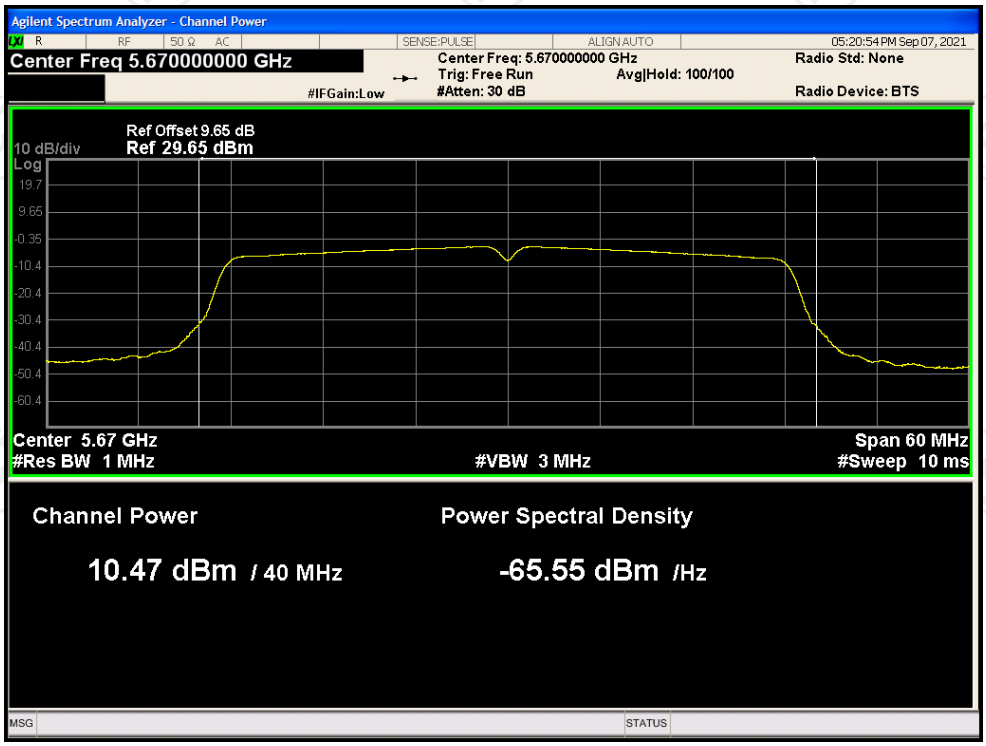
Power NVNT ac40 5510MHz



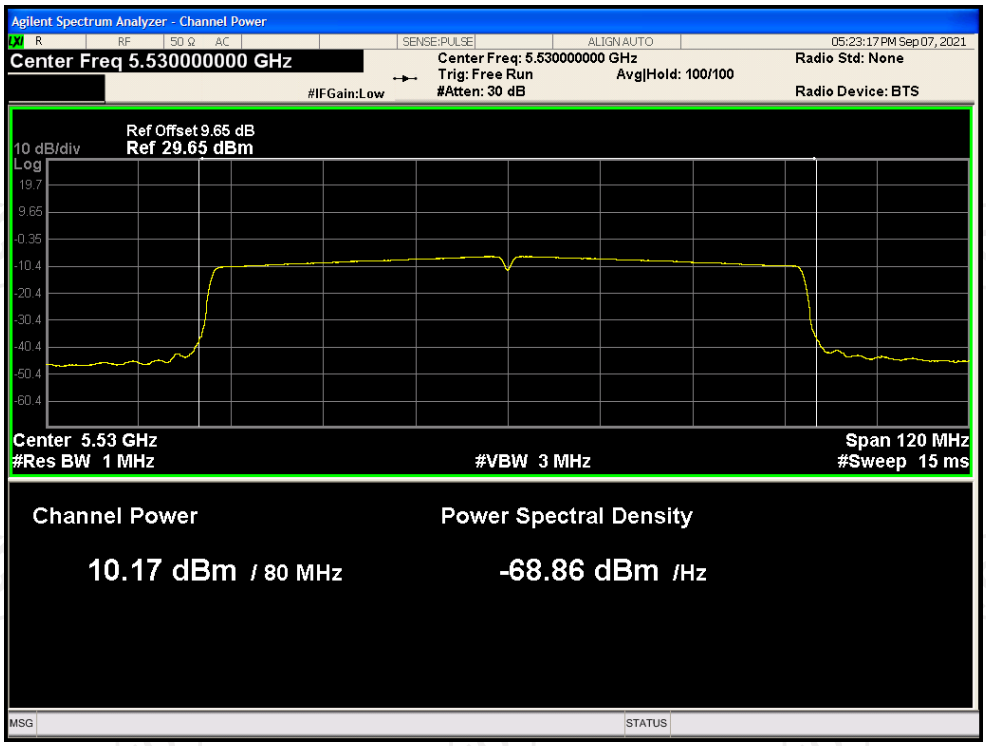
Power NVNT ac40 5590MHz



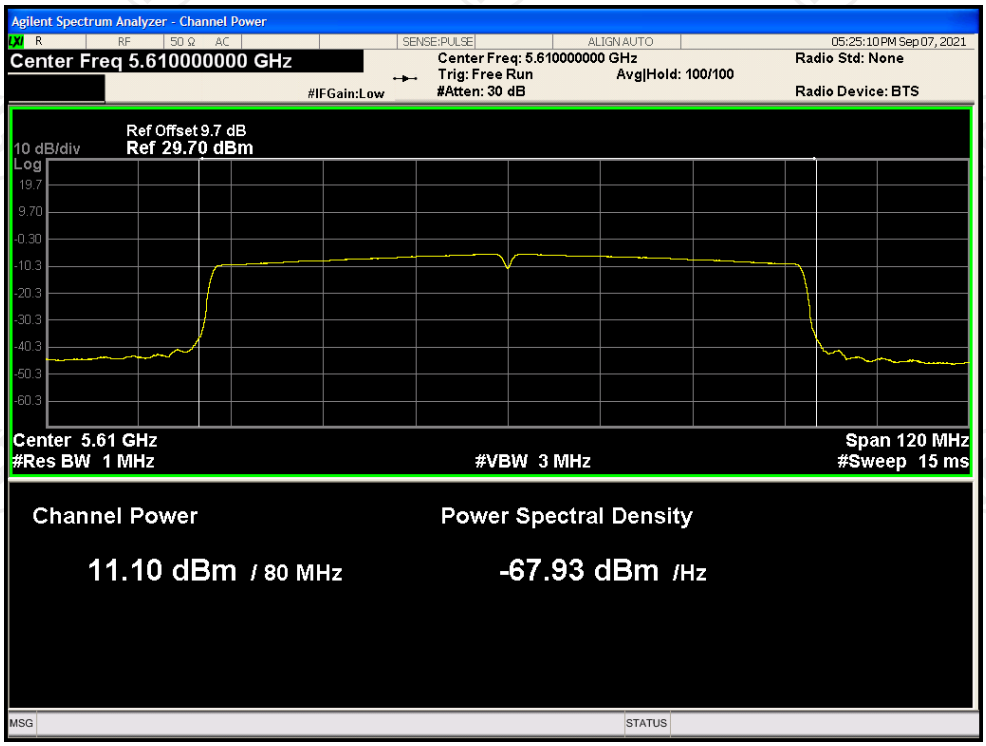
Power NVNT ac40 5670MHz



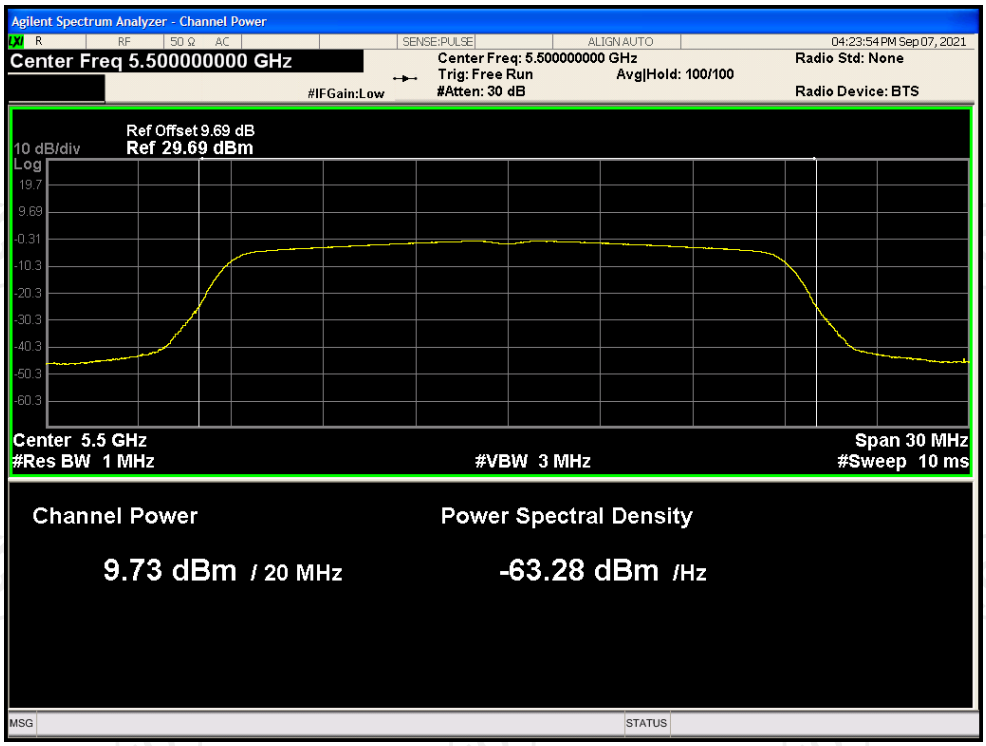
Power NVNT ac80 5530MHz



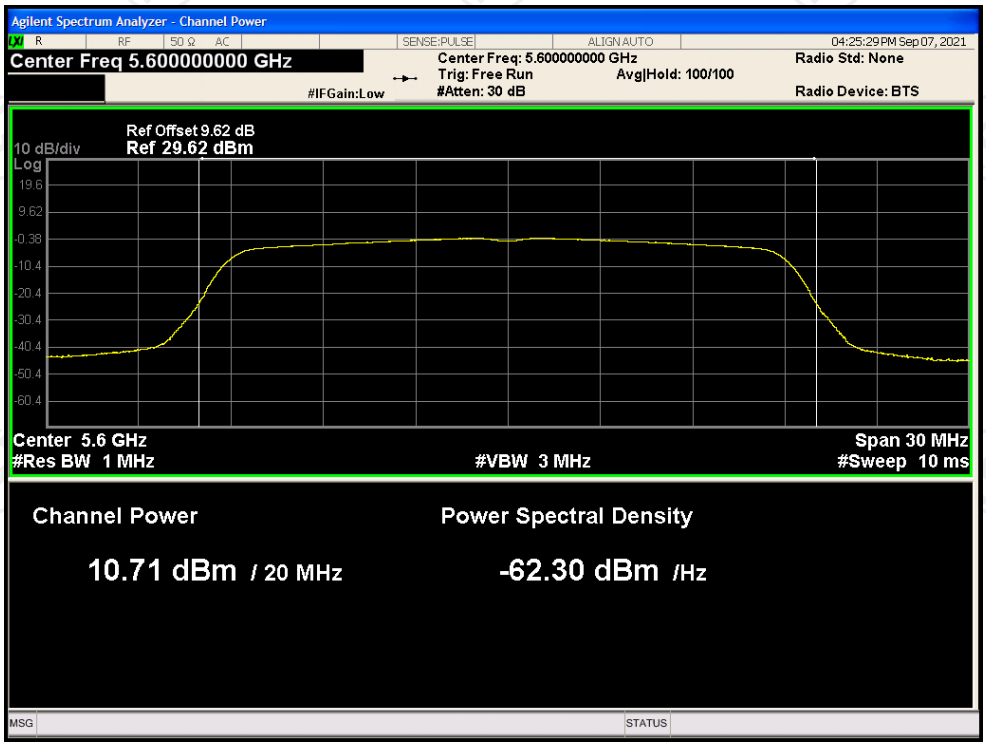
Power NVNT ac80 5610MHz



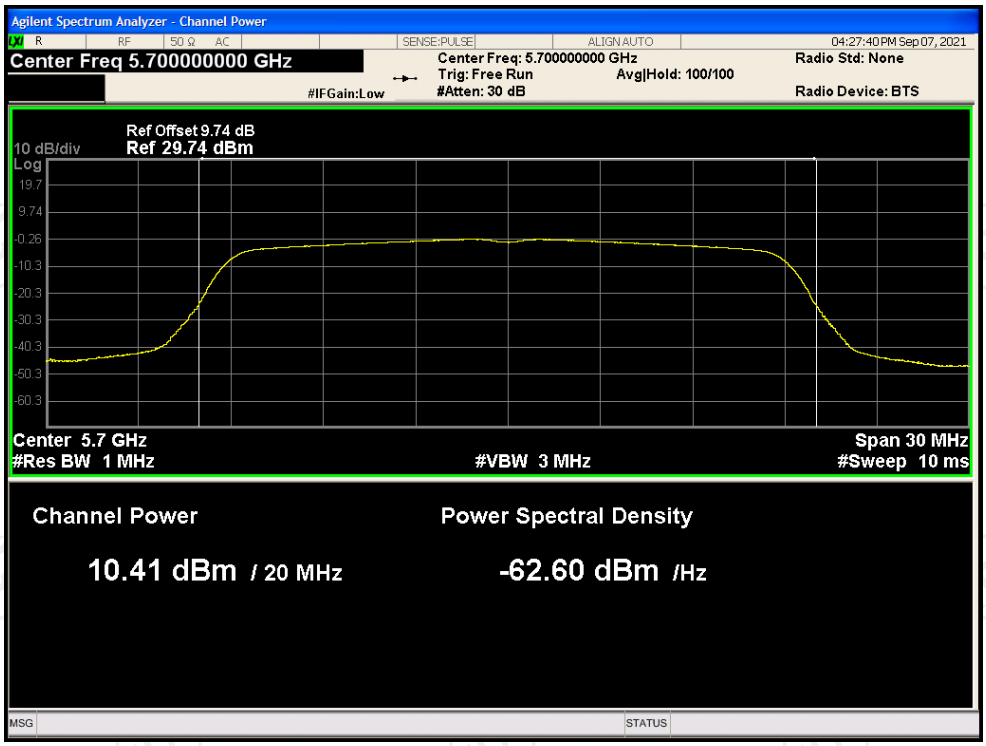
Power NVNT n20 5500MHz



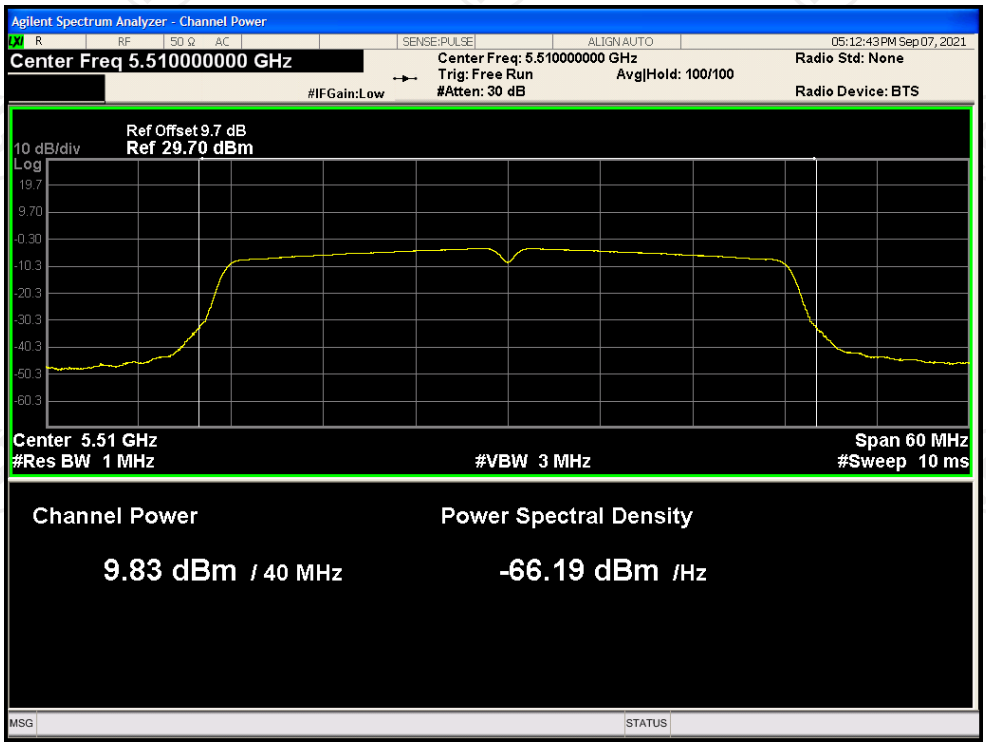
Power NVNT n20 5600MHz



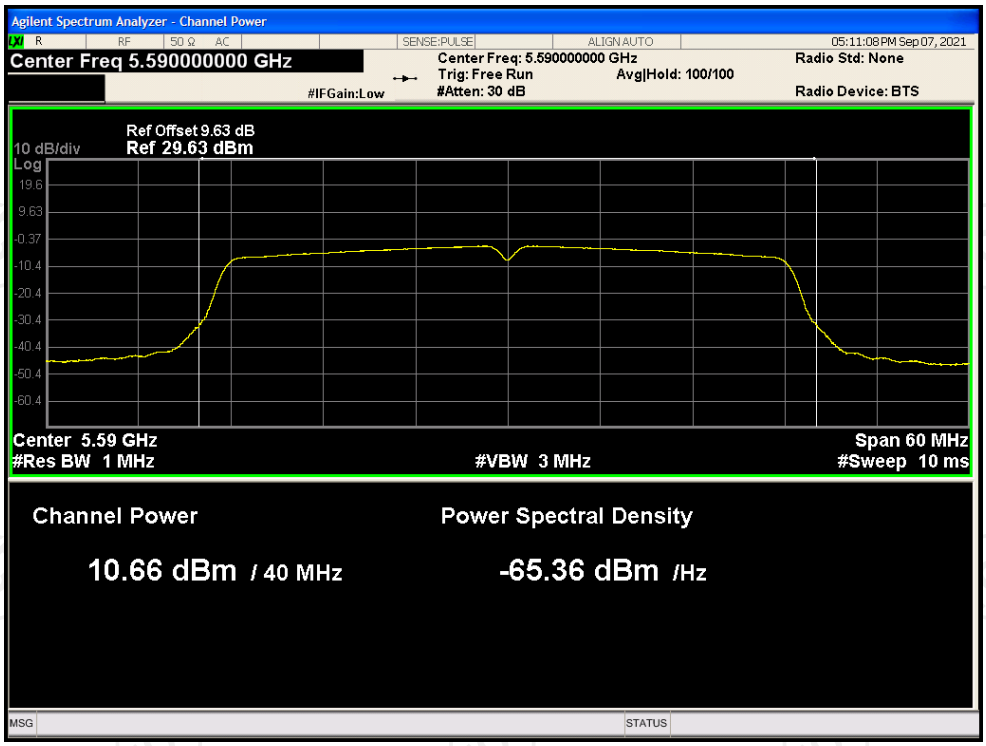
Power NVNT n20 5700MHz



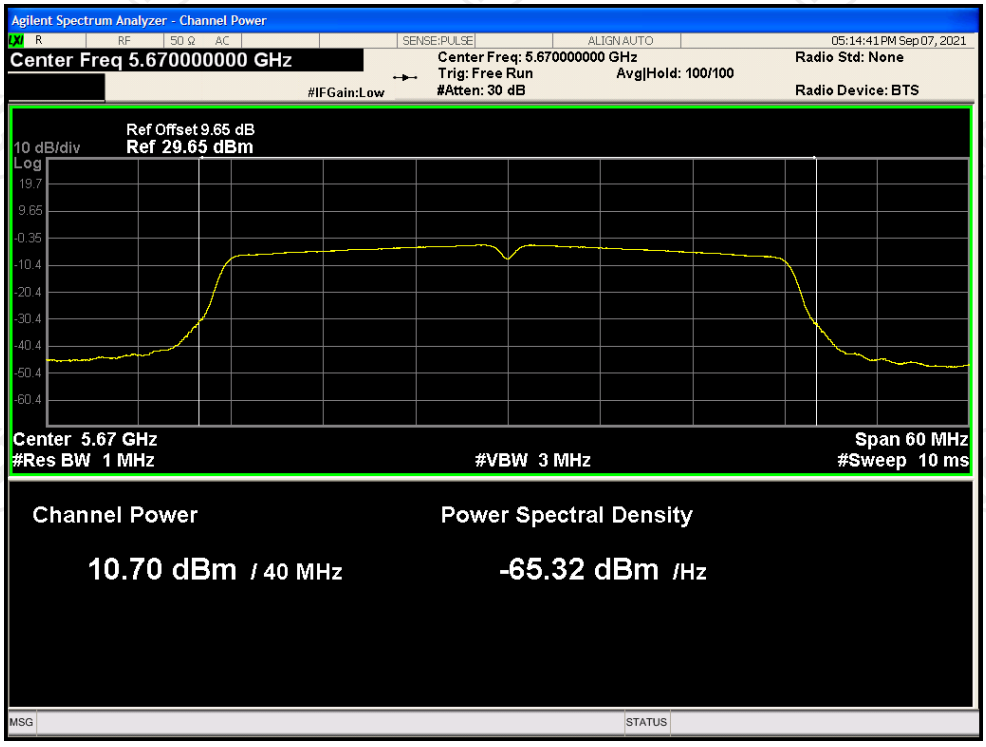
Power NVNT n40 5510MHz



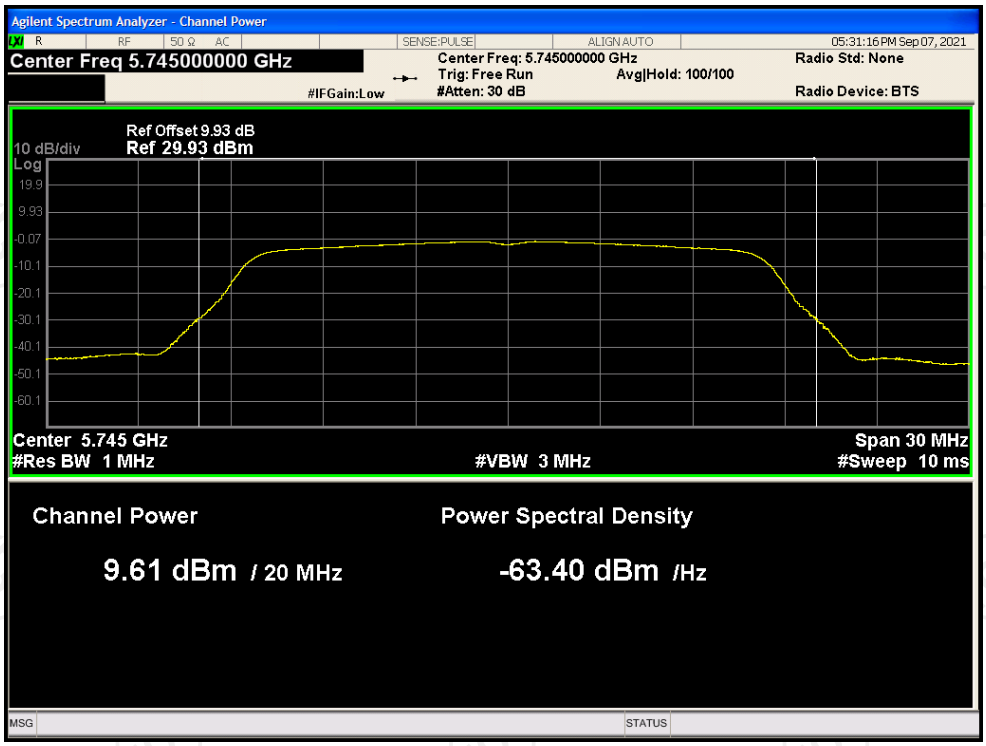
Power NVNT n40 5590MHz



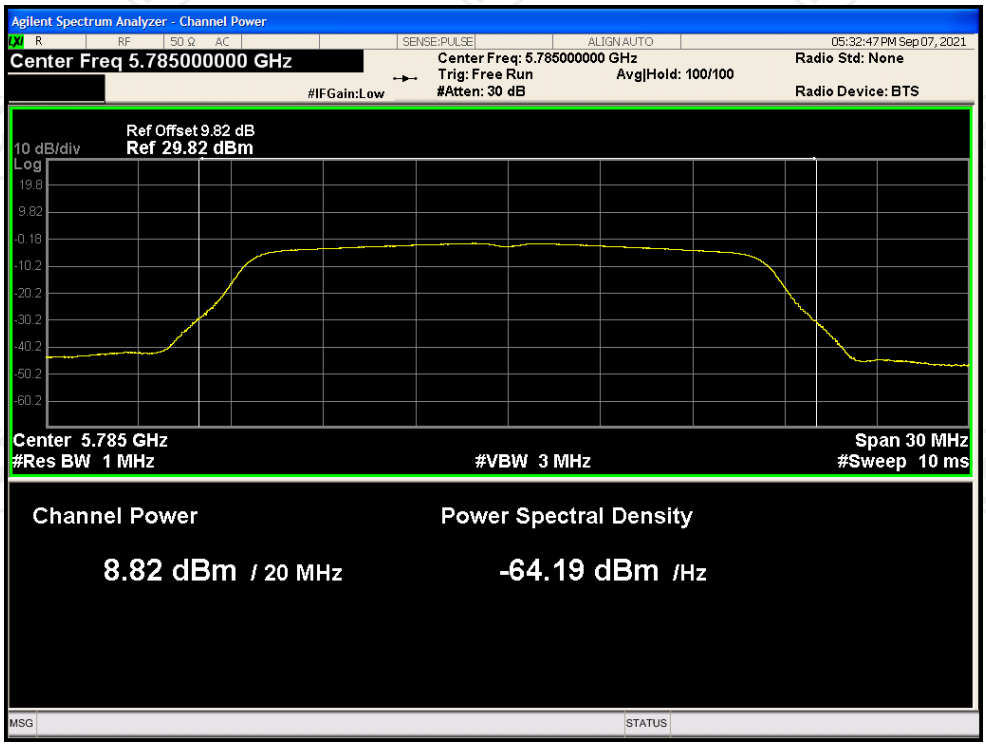
Power NVNT n40 5670MHz



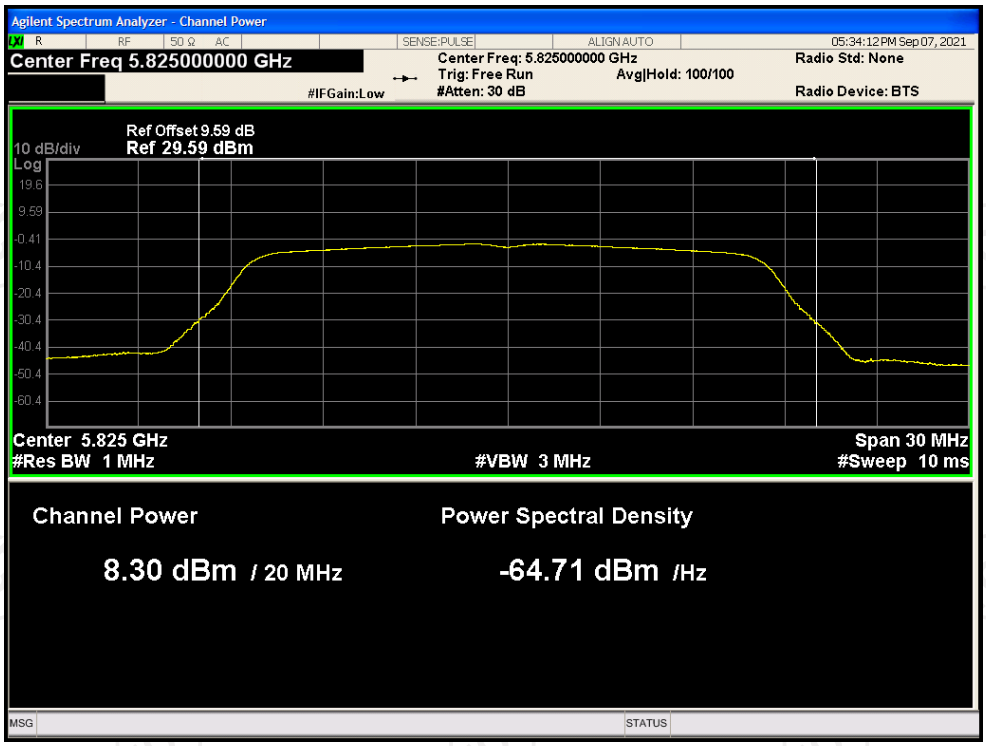
Power NVNT a 5745MHz



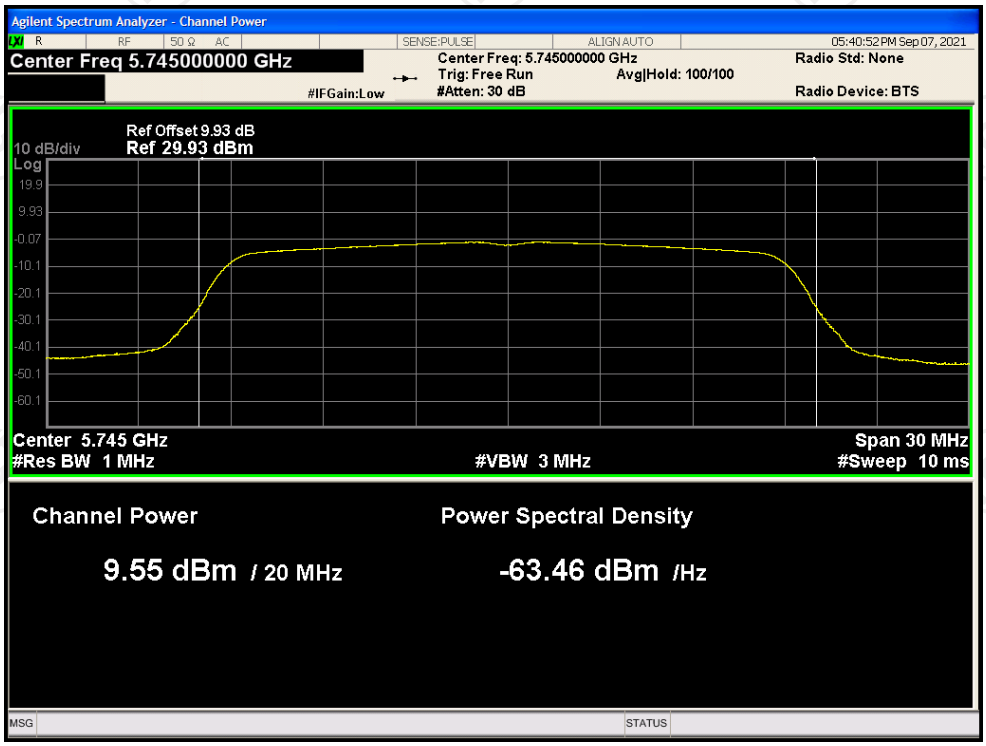
Power NVNT a 5785MHz



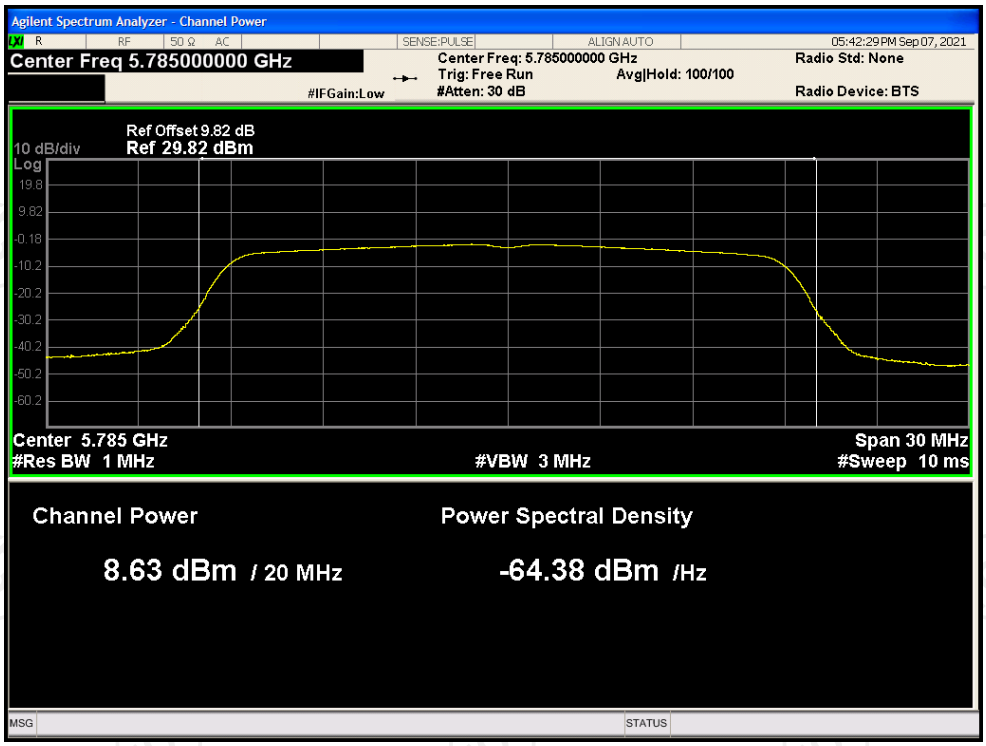
Power NVNT a 5825MHz



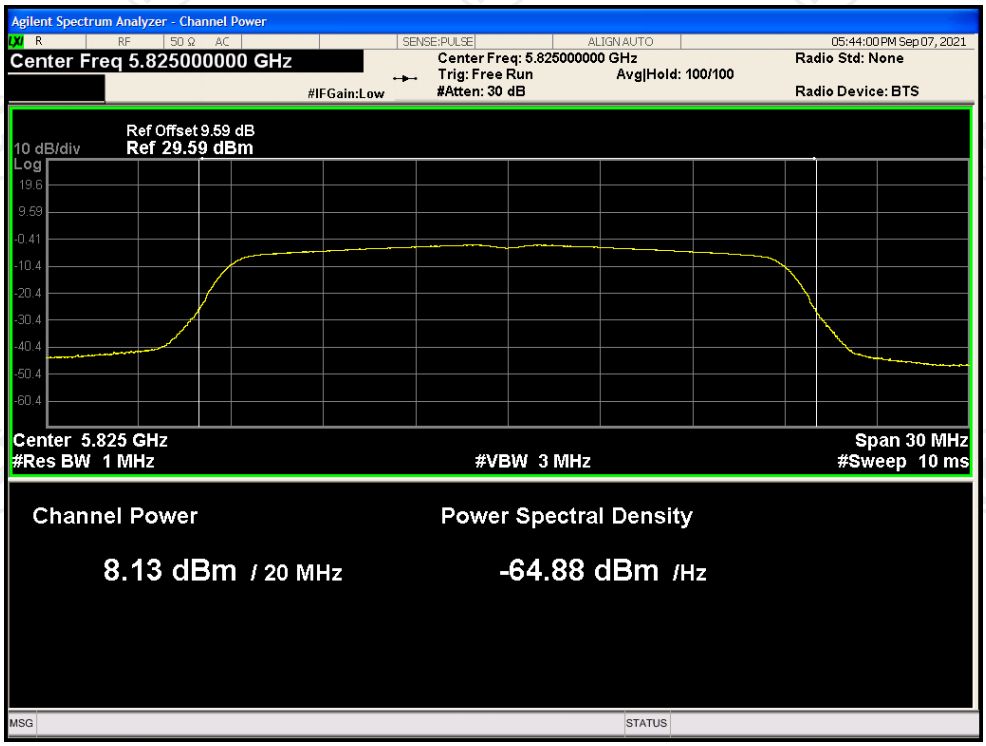
Power NVNT ac20 5745MHz



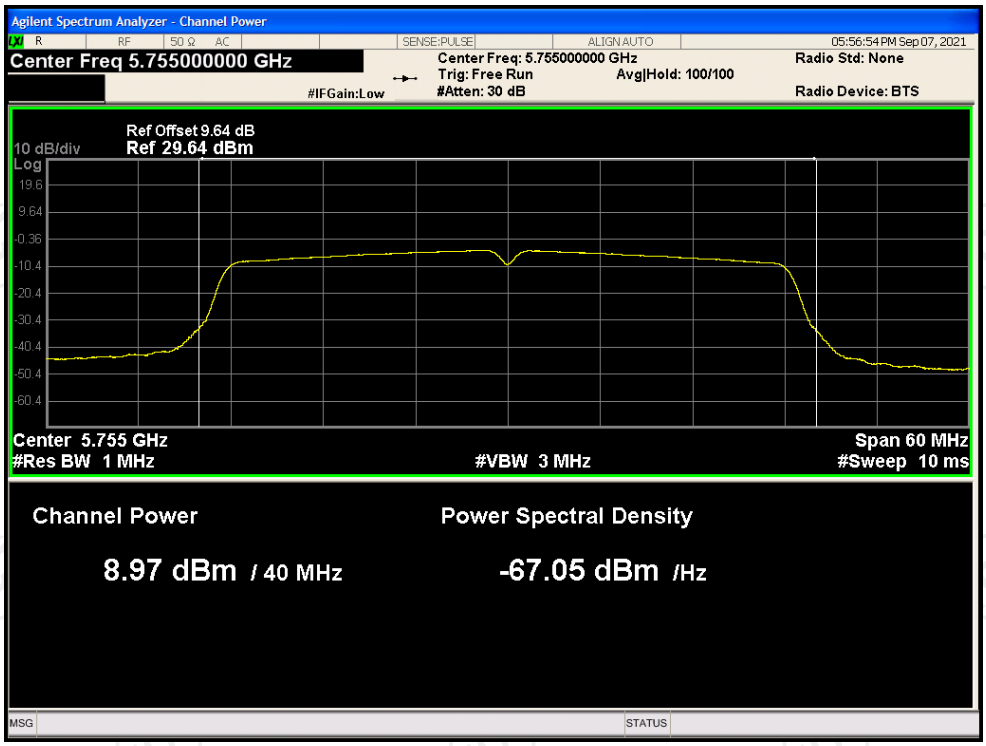
Power NVNT ac20 5785MHz



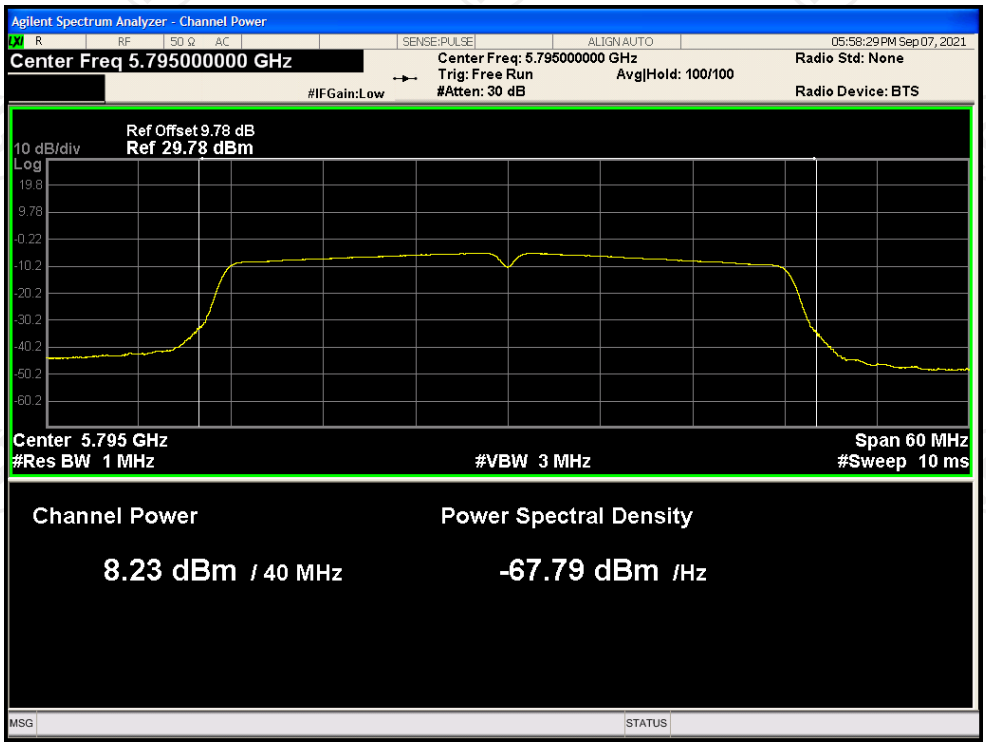
Power NVNT ac20 5825MHz



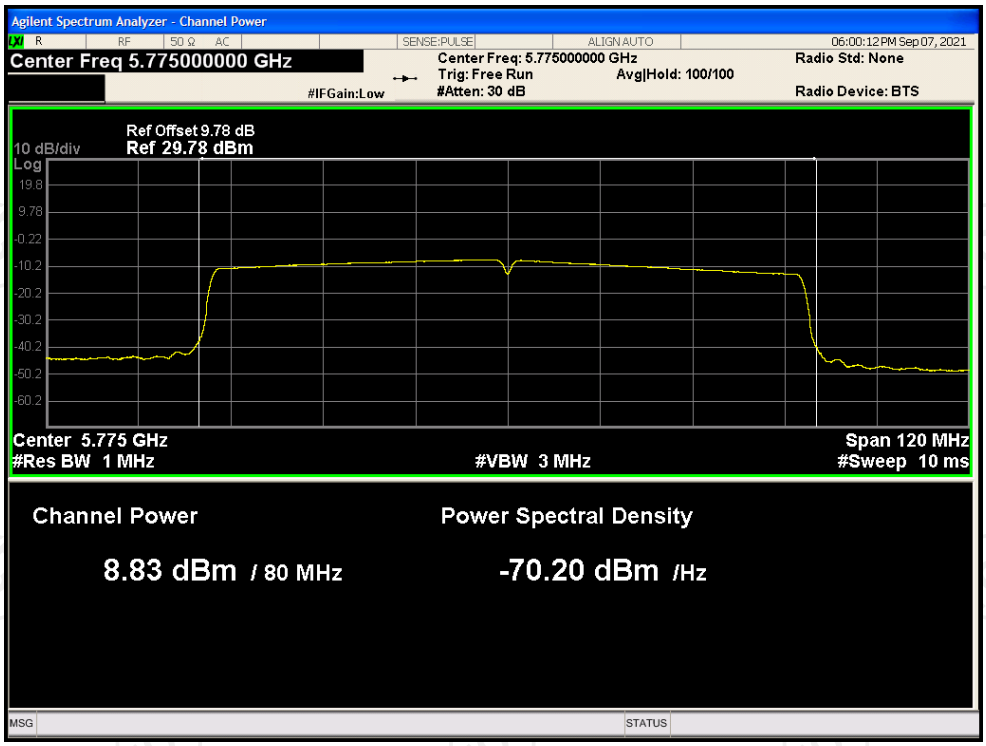
Power NVNT ac40 5755MHz



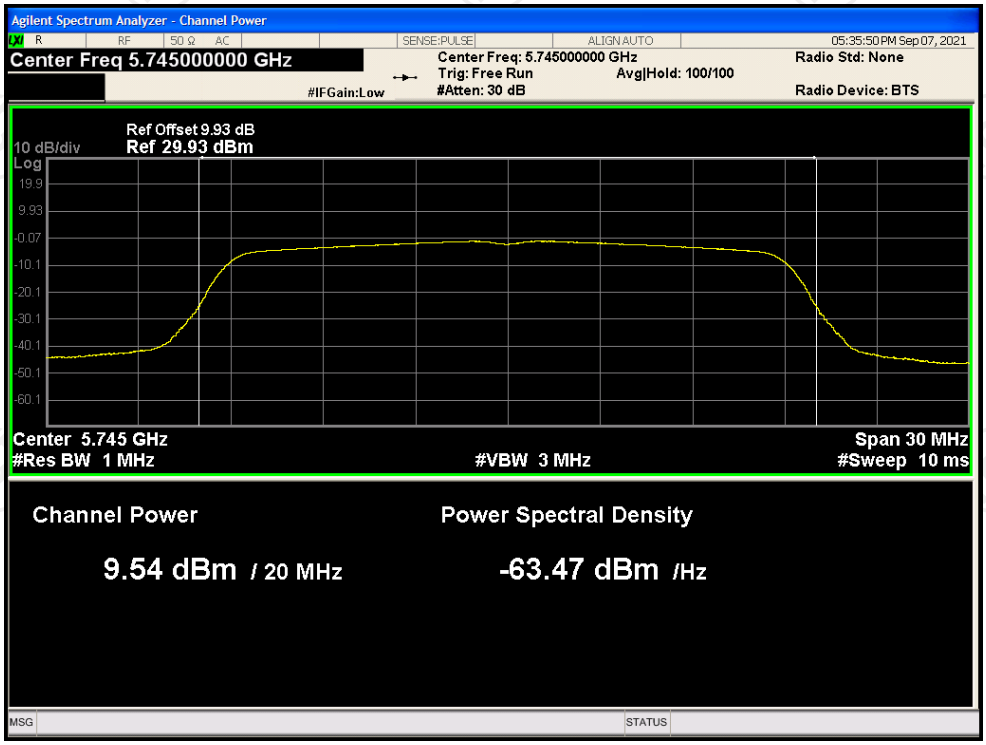
Power NVNT ac40 5795MHz



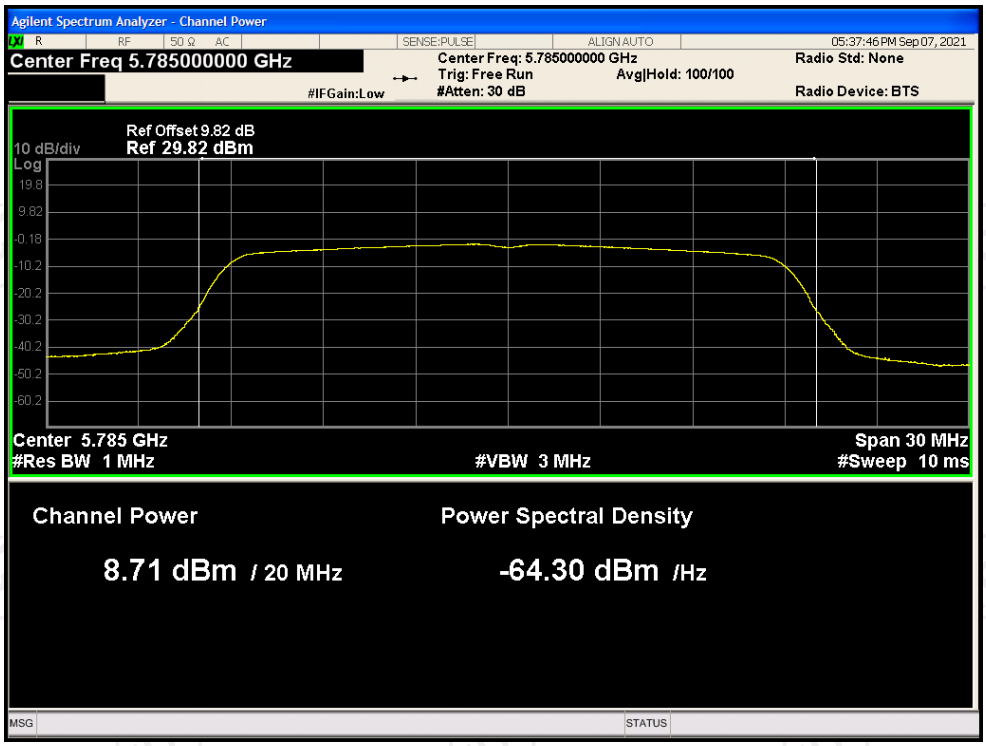
Power NVNT ac80 5775MHz



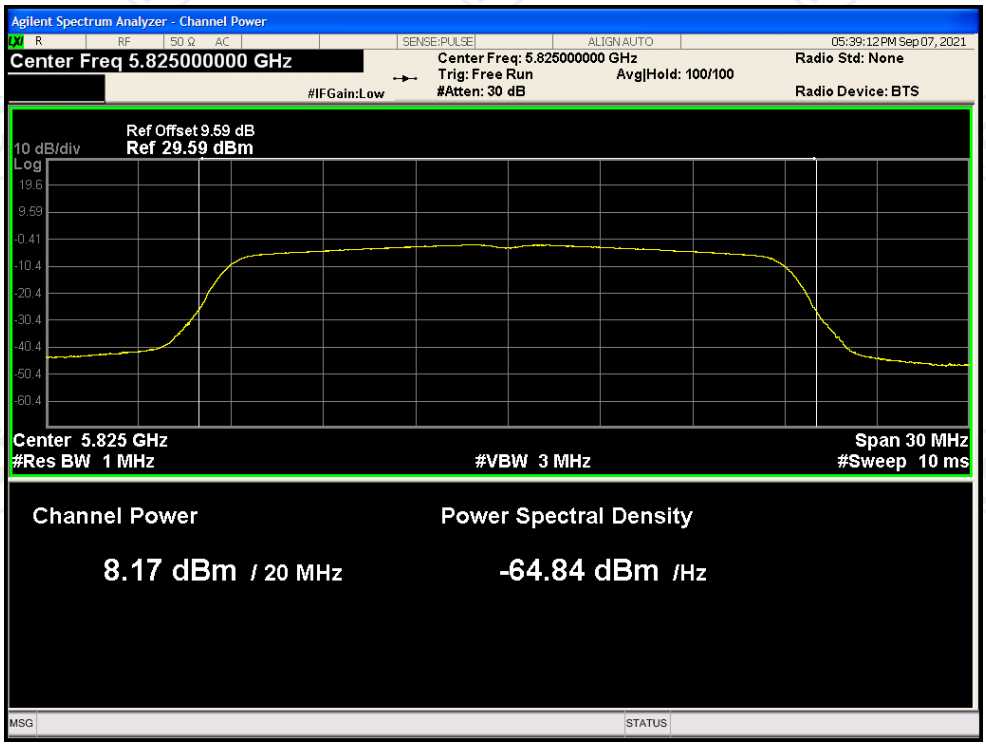
Power NVNT n20 5745MHz



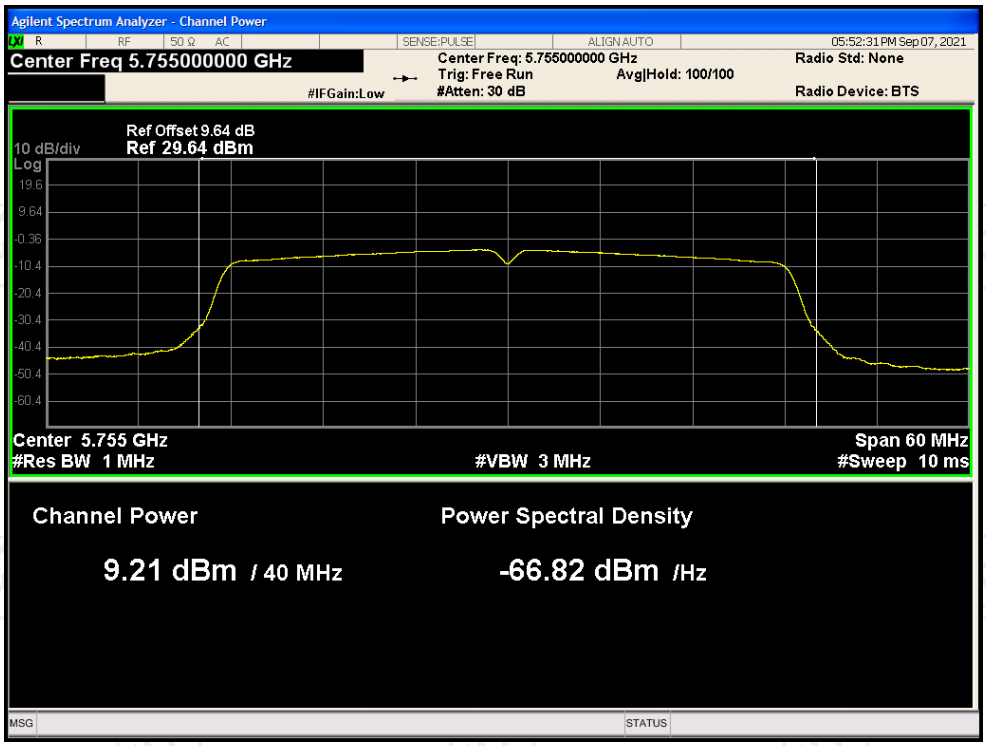
Power NVNT n20 5785MHz



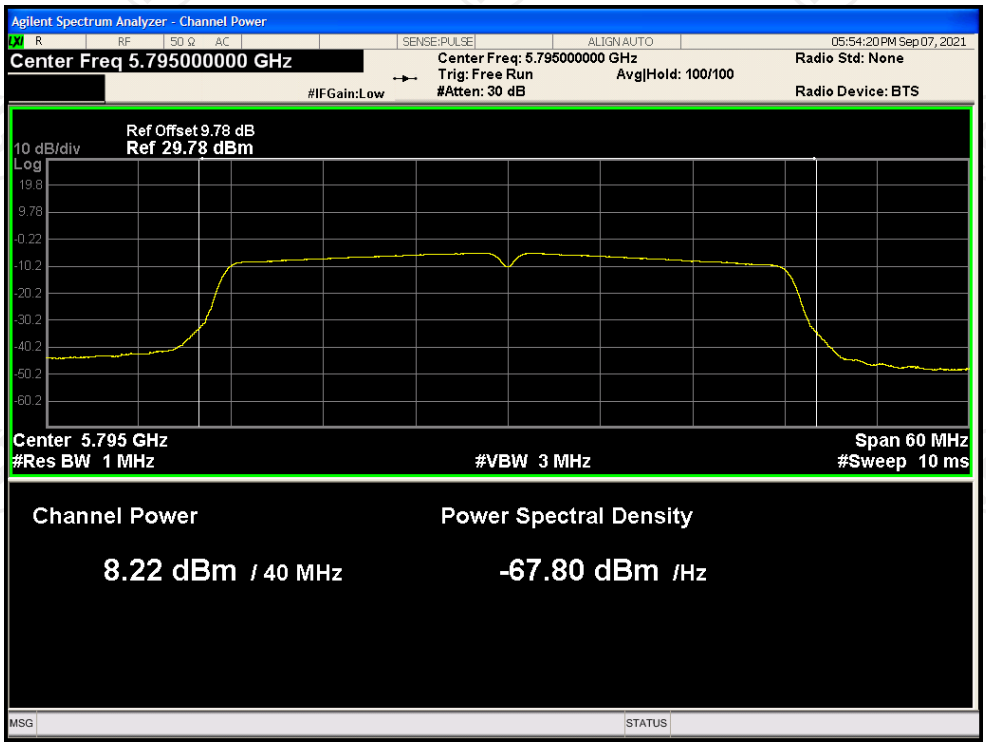
Power NVNT n20 5825MHz



Power NVNT n40 5755MHz



Power NVNT n40 5795MHz



-26dB Bandwidth

Condition	Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	20.155	0.5	Pass
NVNT	a	5200	20.316	0.5	Pass
NVNT	a	5240	20.251	0.5	Pass
NVNT	ac20	5180	20.540	0.5	Pass
NVNT	ac20	5200	20.441	0.5	Pass
NVNT	ac20	5240	20.552	0.5	Pass
NVNT	ac40	5190	41.070	0.5	Pass
NVNT	ac40	5230	40.807	0.5	Pass
NVNT	ac80	5210	81.326	0.5	Pass
NVNT	n20	5180	20.370	0.5	Pass
NVNT	n20	5200	22.132	0.5	Pass
NVNT	n20	5240	20.908	0.5	Pass
NVNT	n40	5190	40.999	0.5	Pass
NVNT	n40	5230	41.202	0.5	Pass
NVNT	a	5260	20.316	0.5	Pass
NVNT	a	5280	20.293	0.5	Pass
NVNT	a	5320	20.050	0.5	Pass
NVNT	ac20	5260	20.445	0.5	Pass
NVNT	ac20	5280	20.587	0.5	Pass
NVNT	ac20	5320	20.432	0.5	Pass
NVNT	ac40	5270	40.853	0.5	Pass
NVNT	ac40	5310	40.522	0.5	Pass
NVNT	ac80	5290	81.460	0.5	Pass
NVNT	n20	5260	20.562	0.5	Pass
NVNT	n20	5280	20.544	0.5	Pass
NVNT	n20	5320	20.584	0.5	Pass
NVNT	n40	5270	40.495	0.5	Pass
NVNT	n40	5310	40.539	0.5	Pass
NVNT	a	5500	20.134	0.5	Pass
NVNT	a	5600	20.170	0.5	Pass
NVNT	a	5700	20.112	0.5	Pass
NVNT	ac20	5500	20.468	0.5	Pass
NVNT	ac20	5600	20.445	0.5	Pass
NVNT	ac20	5700	20.412	0.5	Pass
NVNT	ac40	5510	41.024	0.5	Pass
NVNT	ac40	5590	40.927	0.5	Pass
NVNT	ac40	5670	41.029	0.5	Pass
NVNT	ac80	5530	81.241	0.5	Pass
NVNT	ac80	5610	81.225	0.5	Pass
NVNT	n20	5500	20.387	0.5	Pass
NVNT	n20	5600	20.482	0.5	Pass
NVNT	n20	5700	20.560	0.5	Pass
NVNT	n40	5510	41.003	0.5	Pass
NVNT	n40	5590	41.038	0.5	Pass

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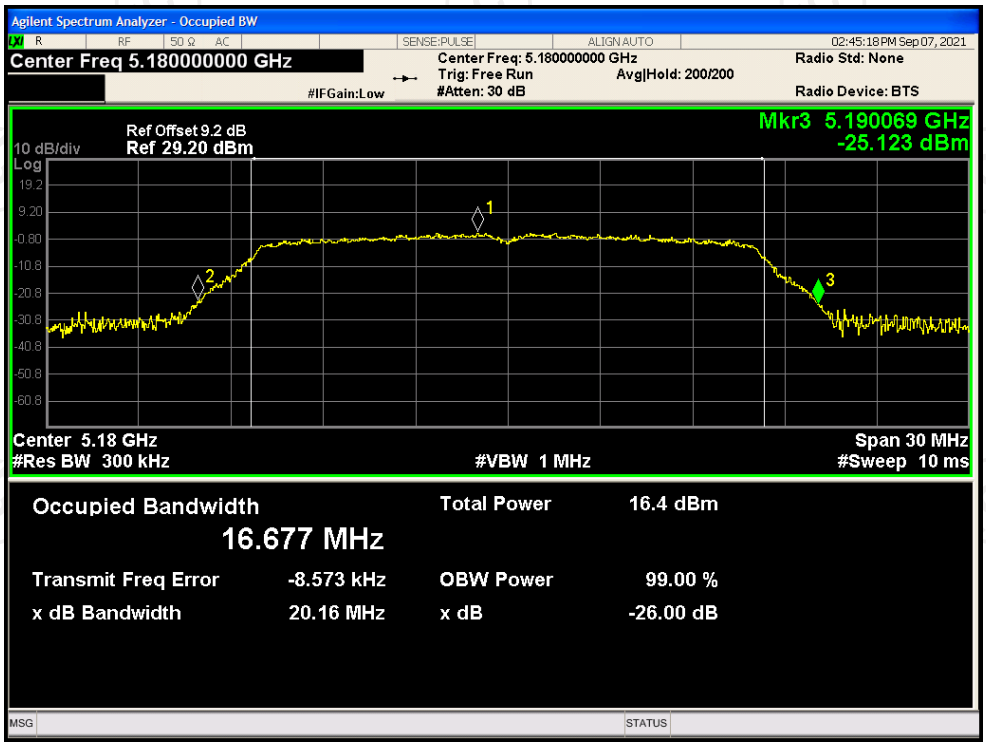
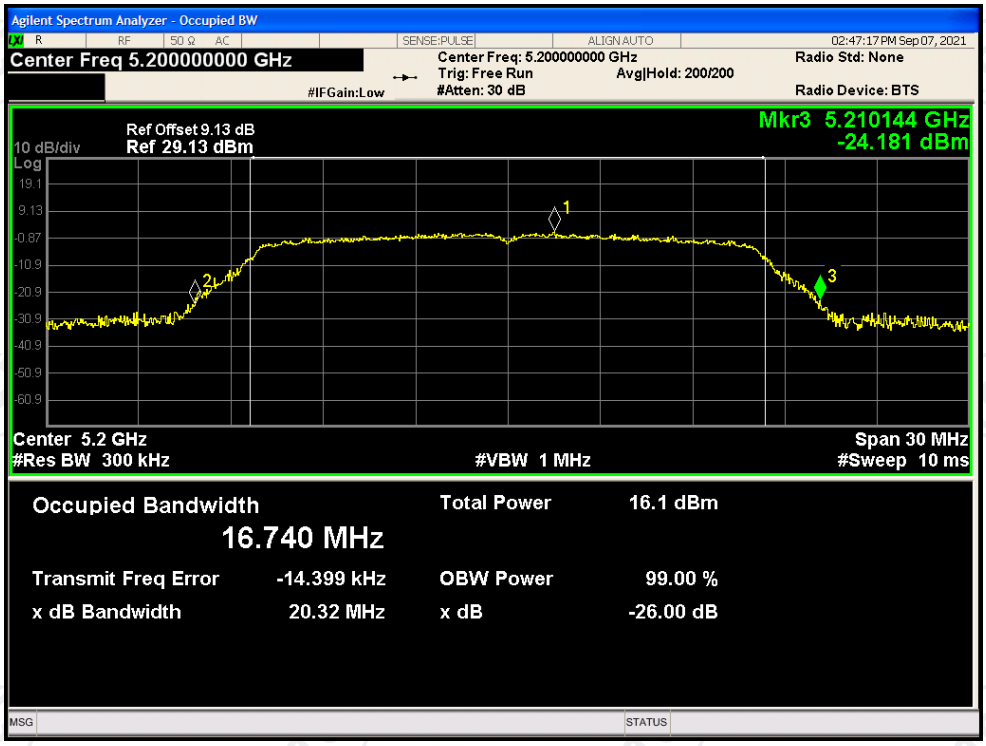
NVNT	n40	5670	40.753	0.5	Pass

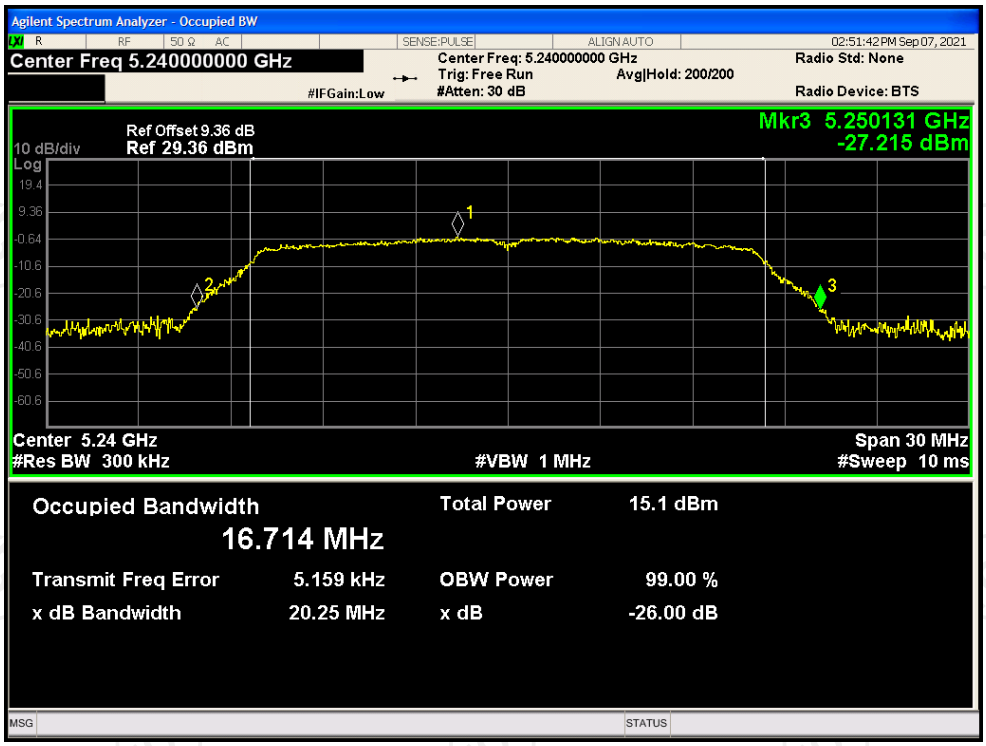
-26dB Bandwidth NVNT a 5180MHz



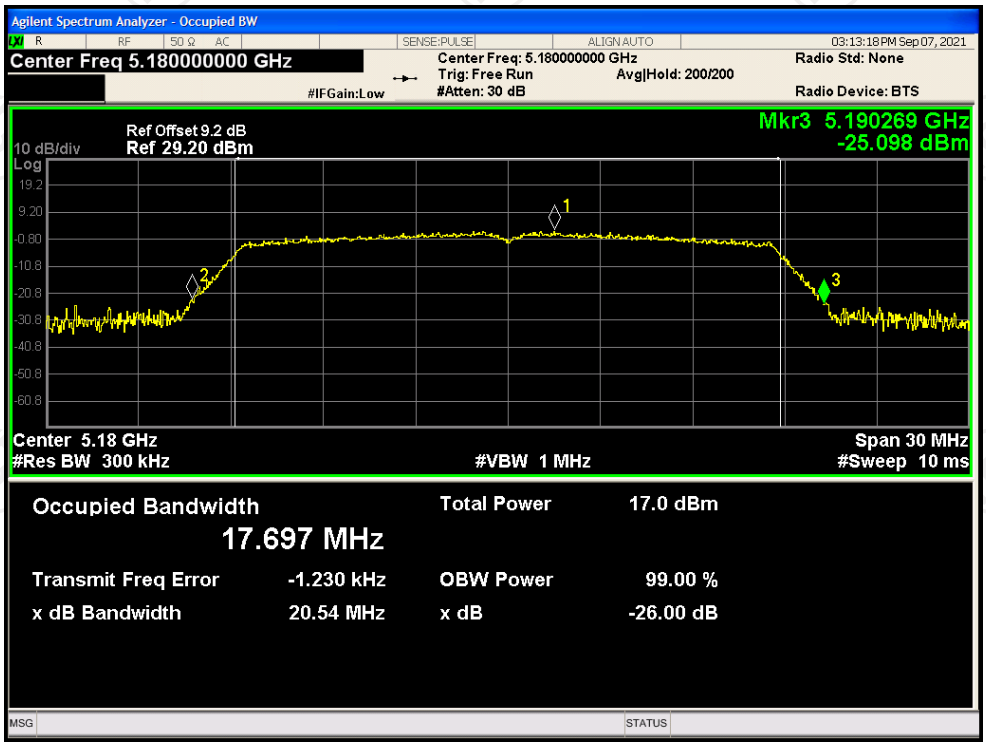
-26dB Bandwidth NVNT a 5200MHz



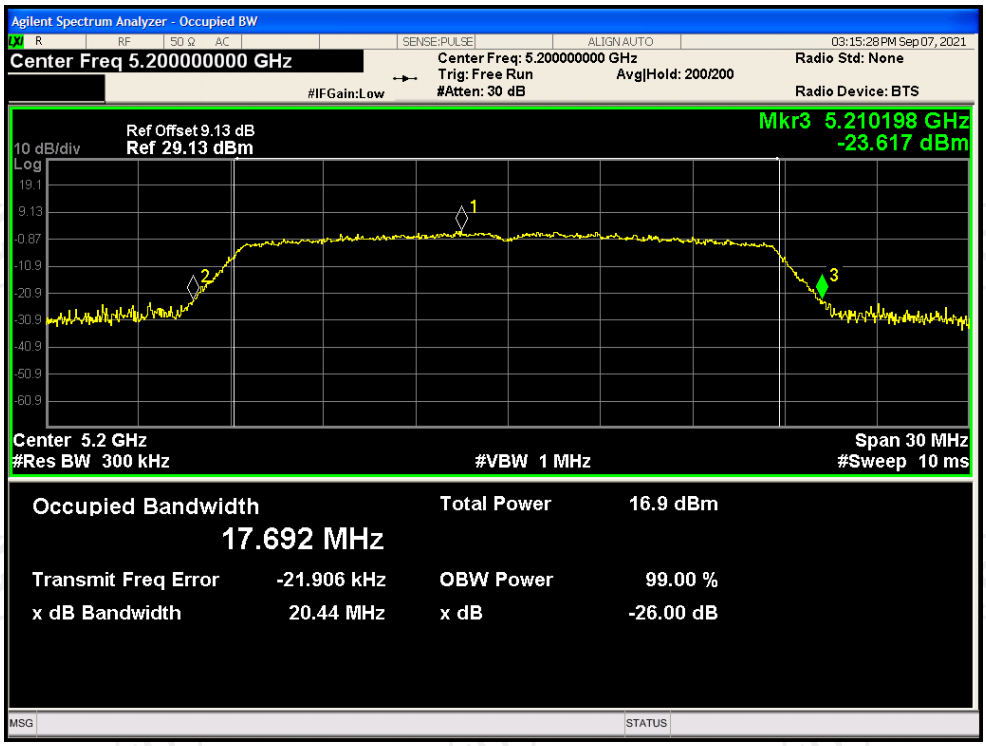
-26dB Bandwidth NVNT a 5240MHz



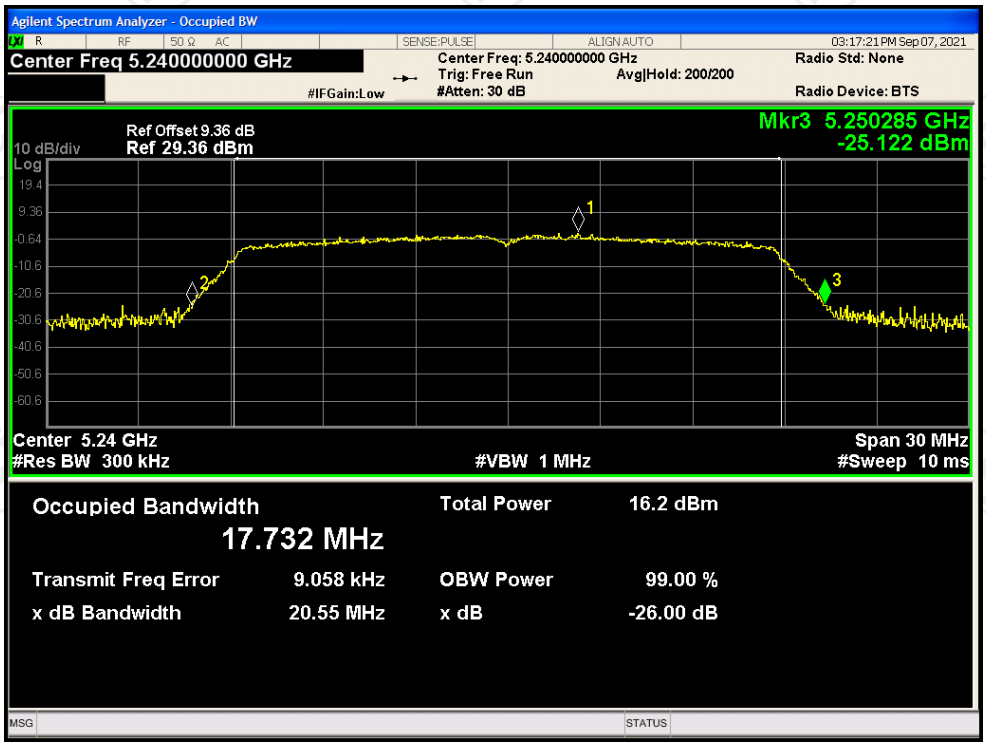
-26dB Bandwidth NVNT ac20 5180MHz



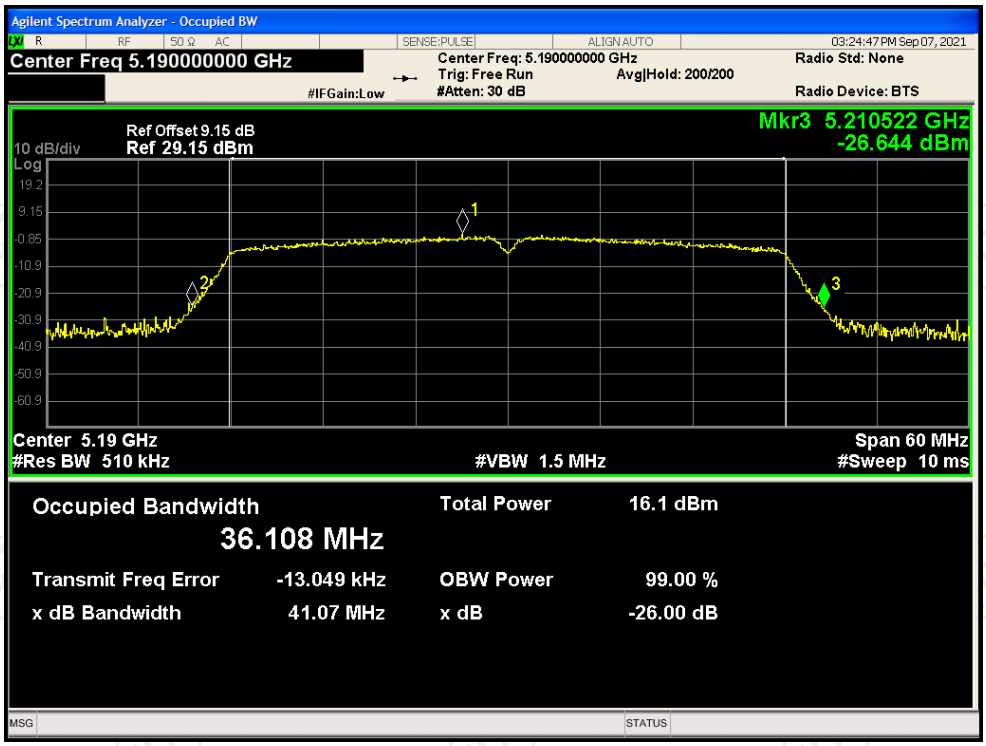
-26dB Bandwidth NVNT ac20 5200MHz



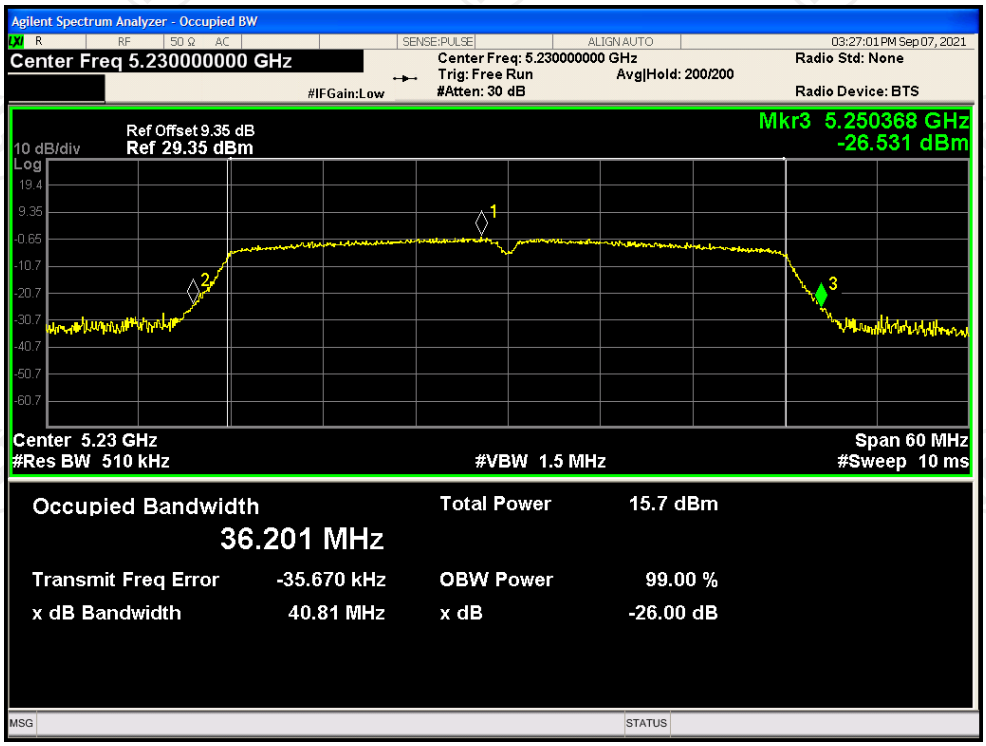
-26dB Bandwidth NVNT ac20 5240MHz



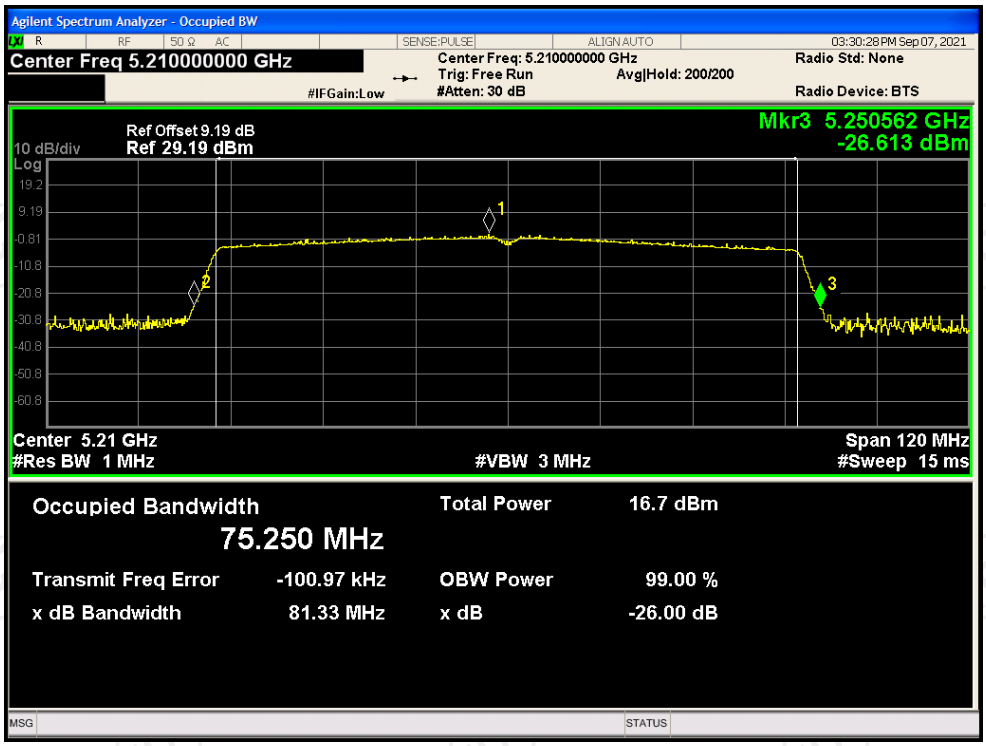
-26dB Bandwidth NVNT ac40 5190MHz



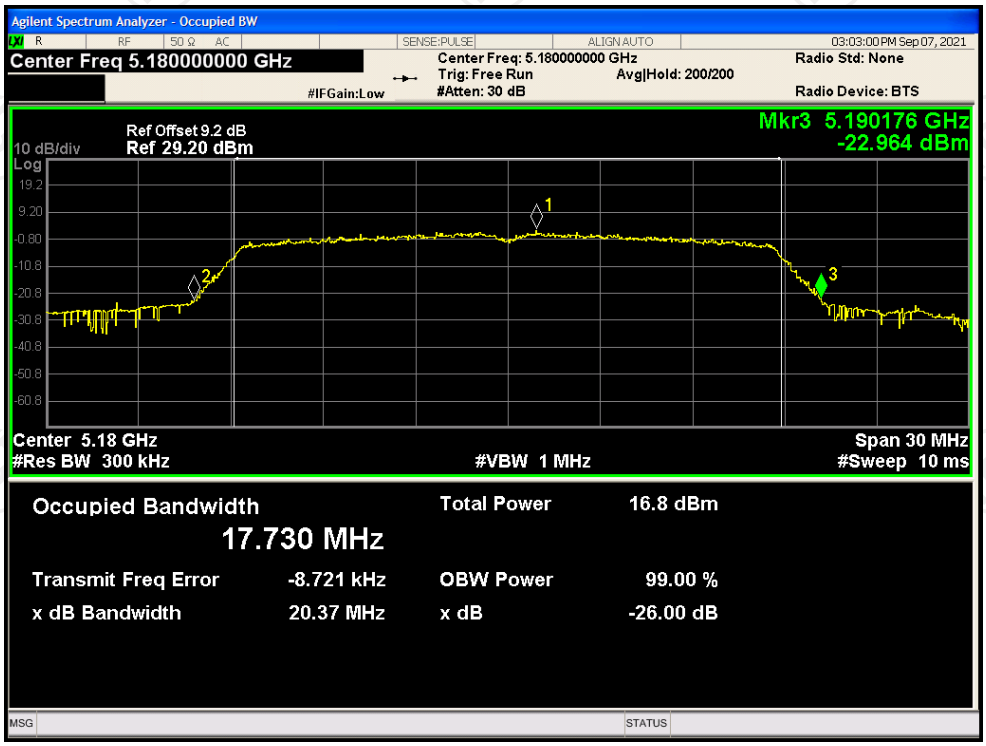
-26dB Bandwidth NVNT ac40 5230MHz



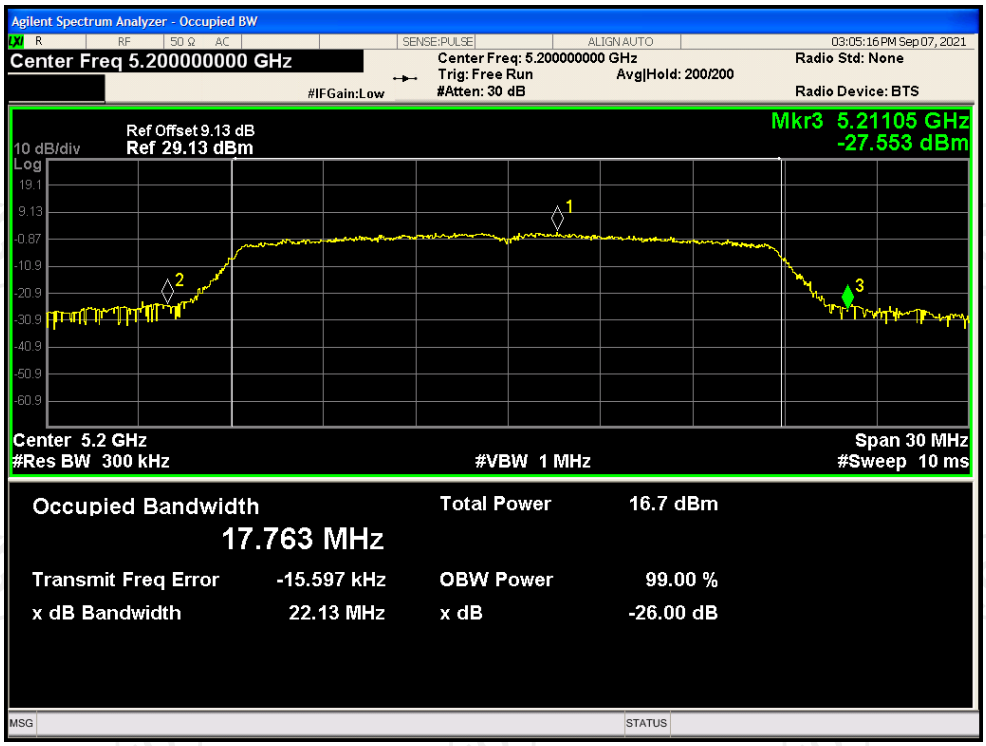
-26dB Bandwidth NVNT ac80 5210MHz



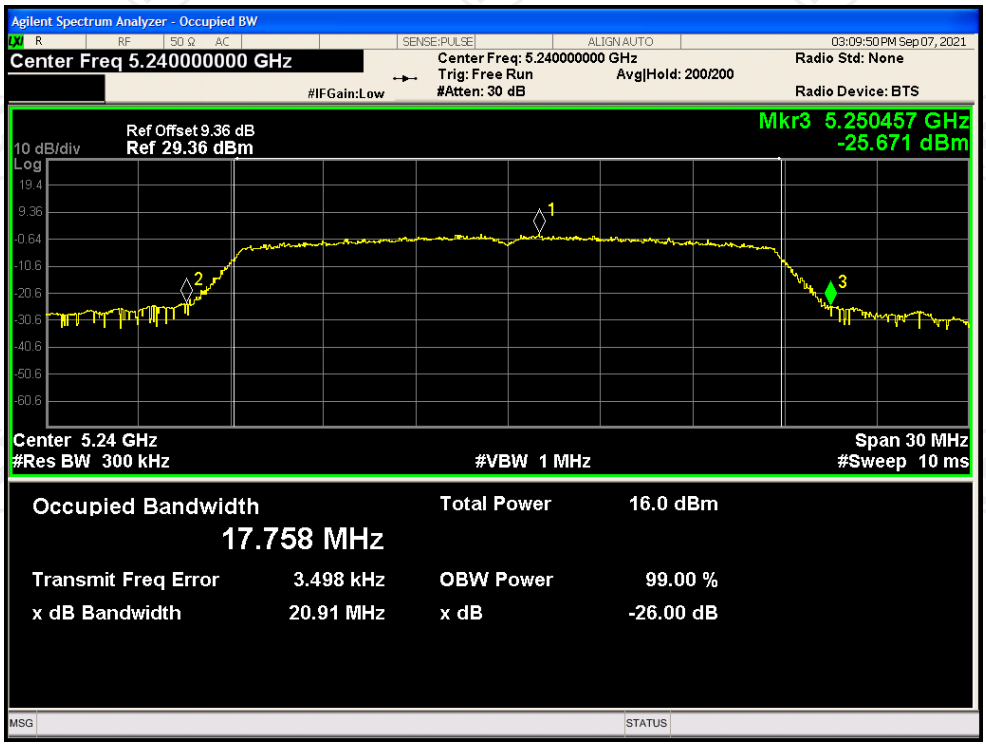
-26dB Bandwidth NVNT n20 5180MHz



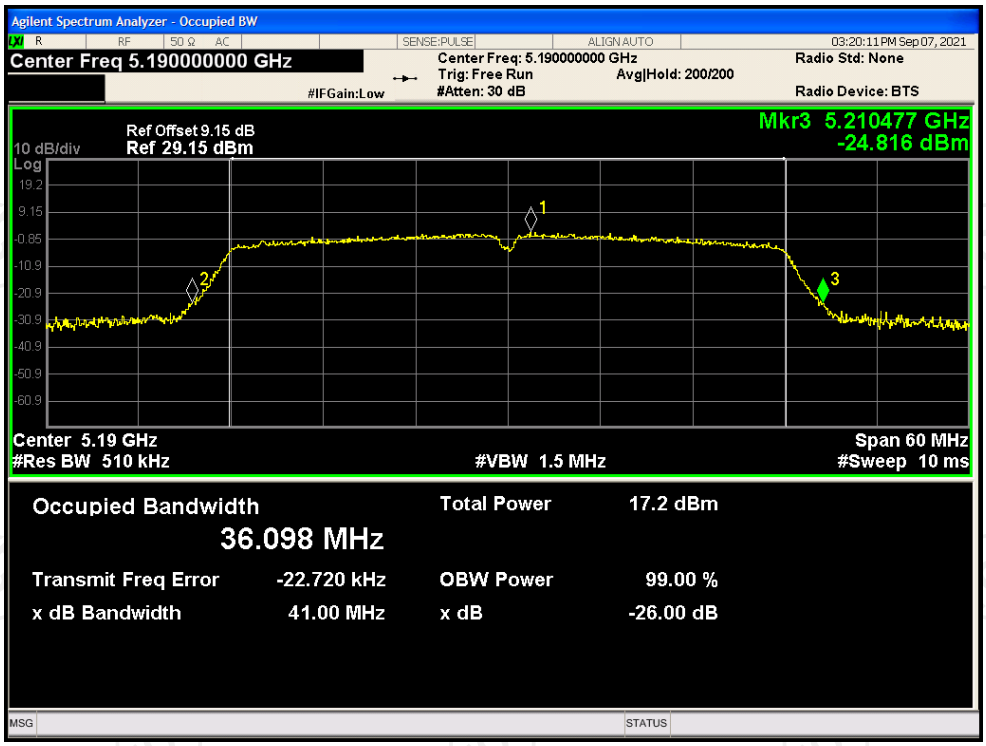
-26dB Bandwidth NVNT n20 5200MHz



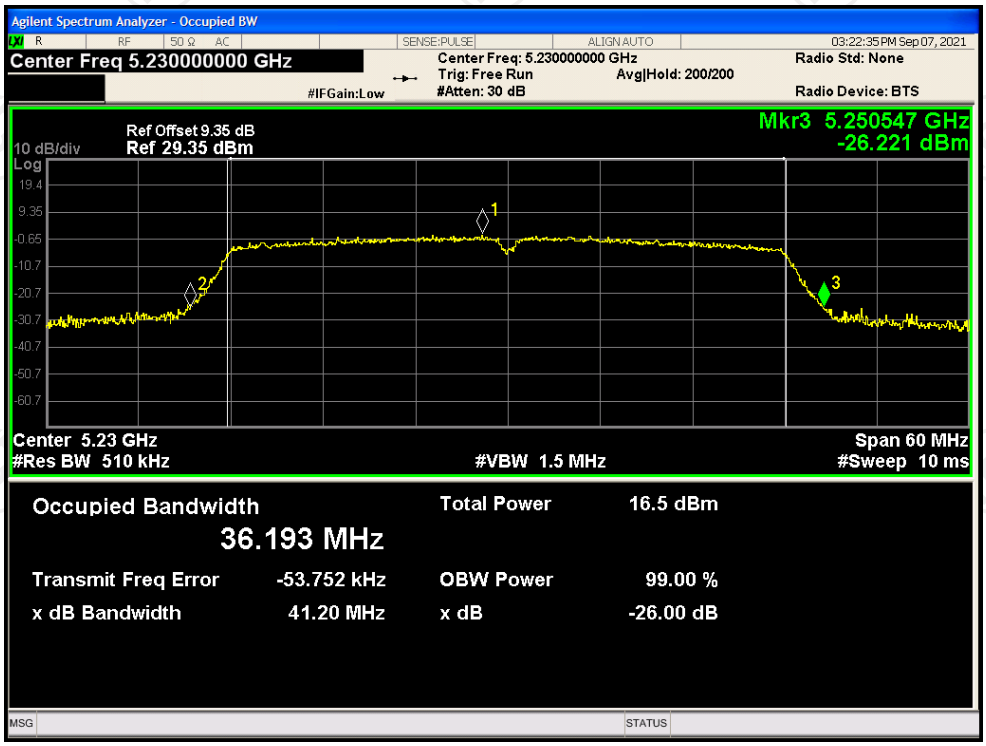
-26dB Bandwidth NVNT n20 5240MHz



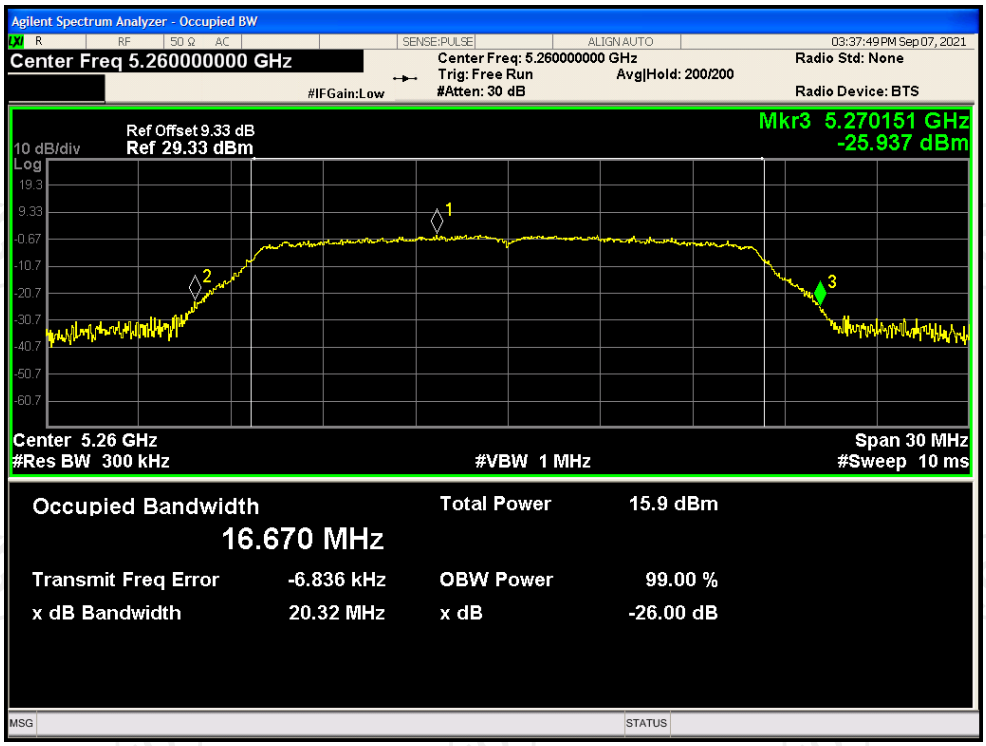
-26dB Bandwidth NVNT n40 5190MHz



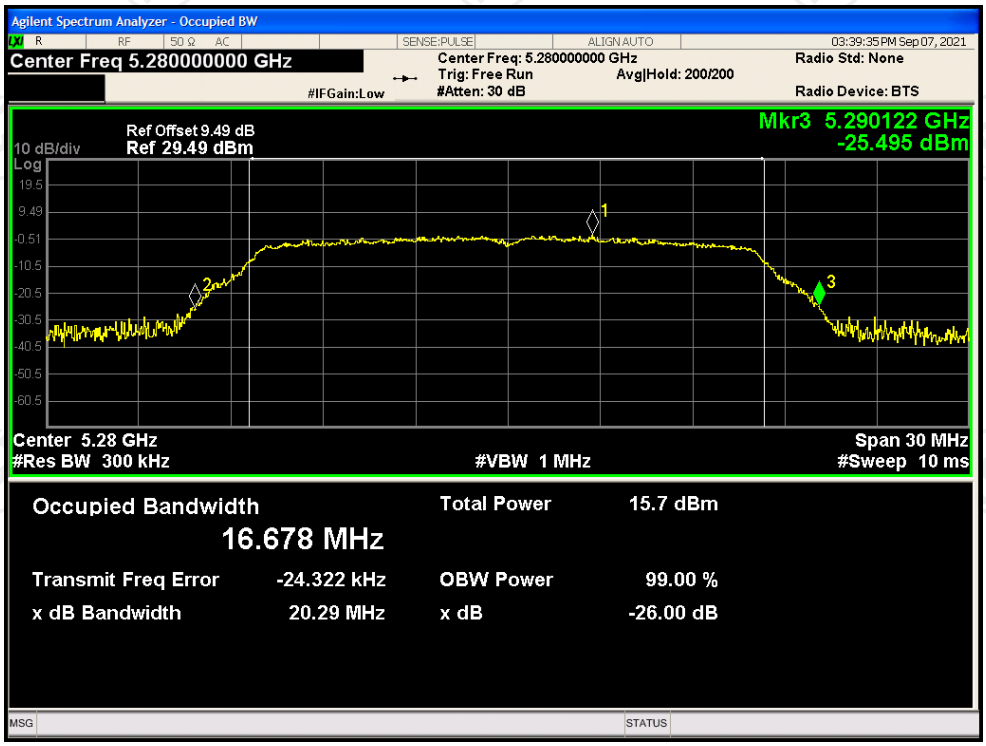
-26dB Bandwidth NVNT n40 5230MHz



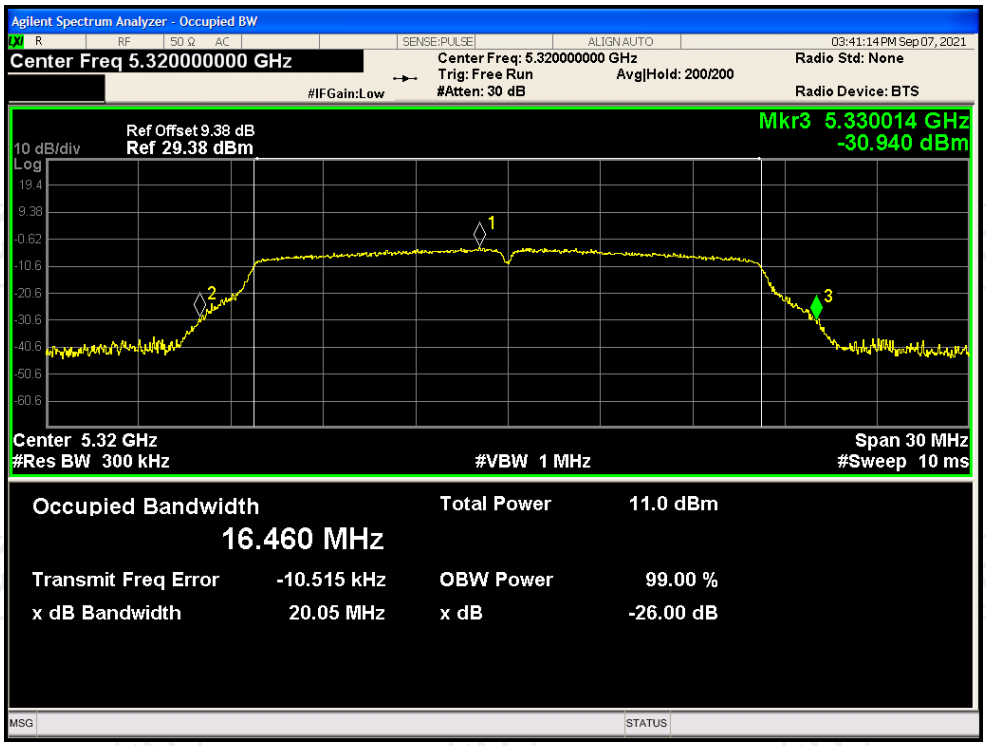
-26dB Bandwidth NVNT a 5260MHz



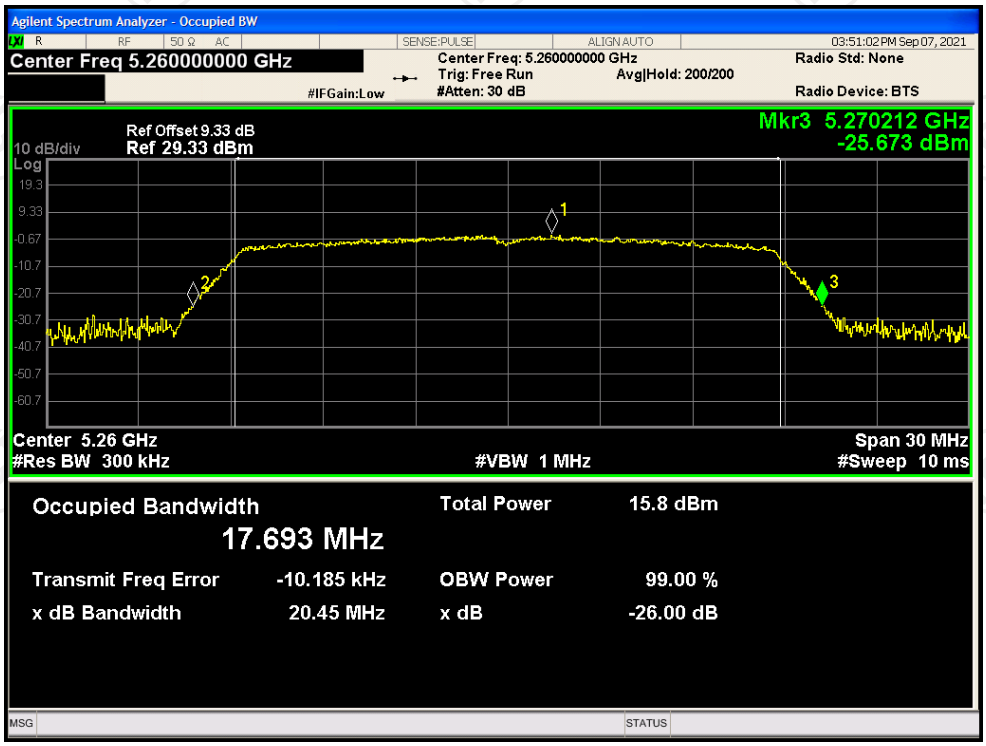
-26dB Bandwidth NVNT a 5280MHz



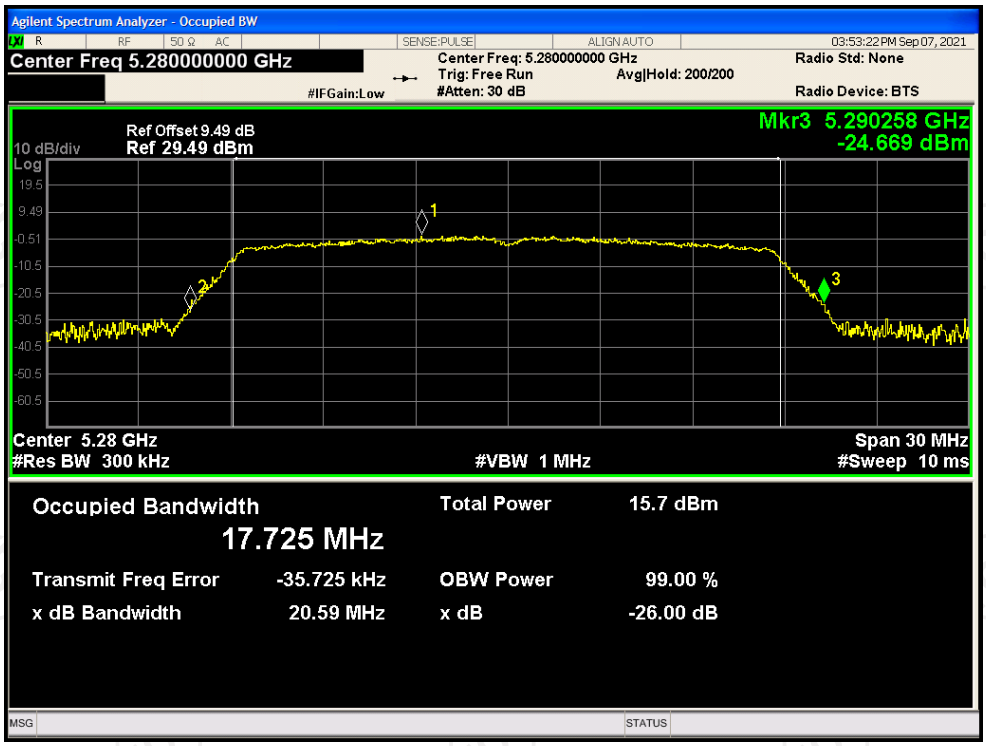
-26dB Bandwidth NVNT a 5320MHz



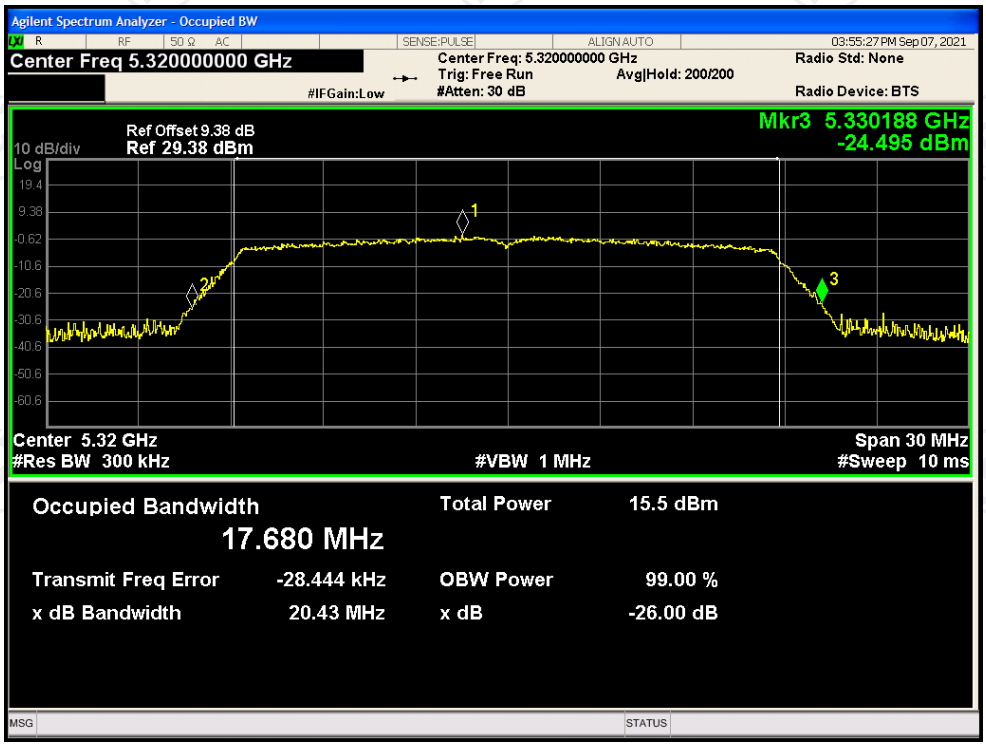
-26dB Bandwidth NVNT ac20 5260MHz



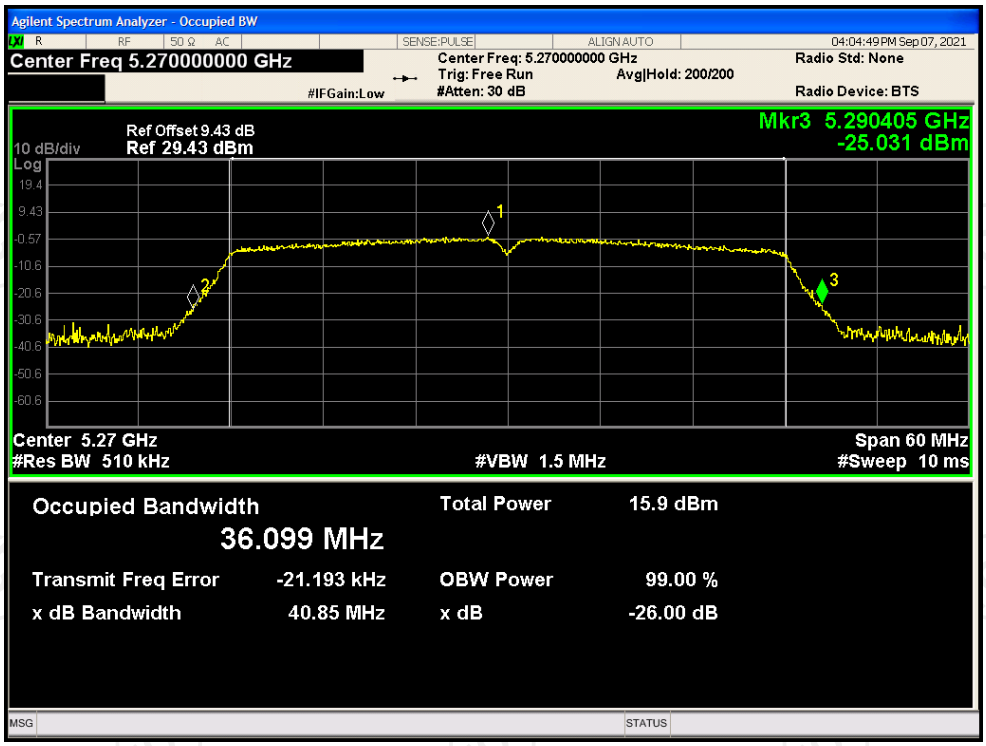
-26dB Bandwidth NVNT ac20 5280MHz



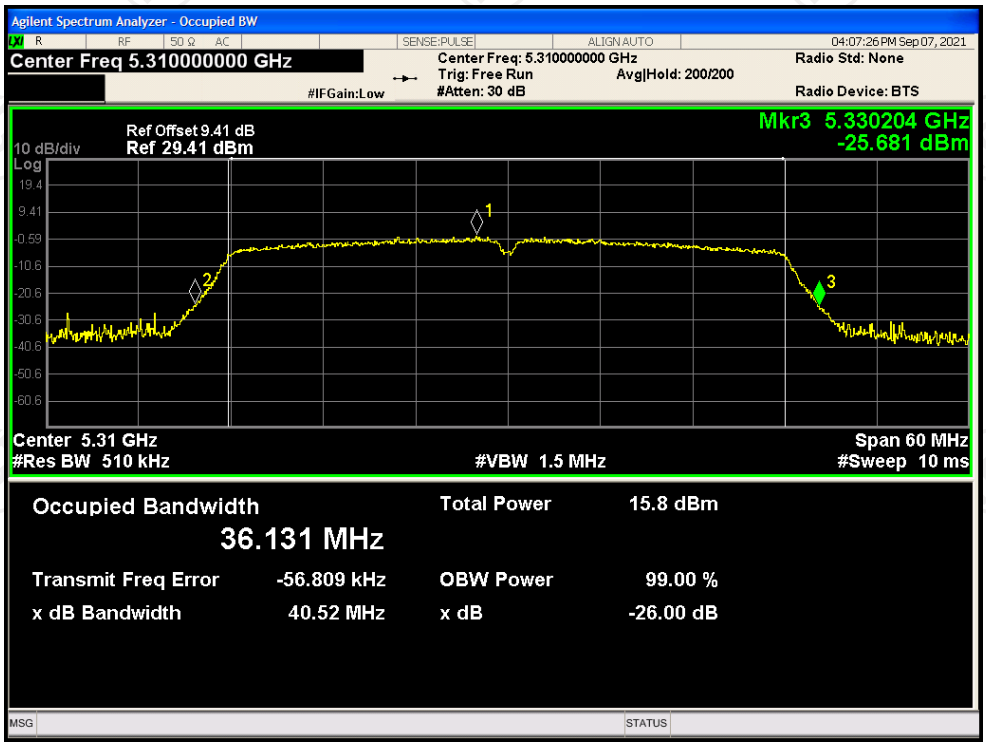
-26dB Bandwidth NVNT ac20 5320MHz



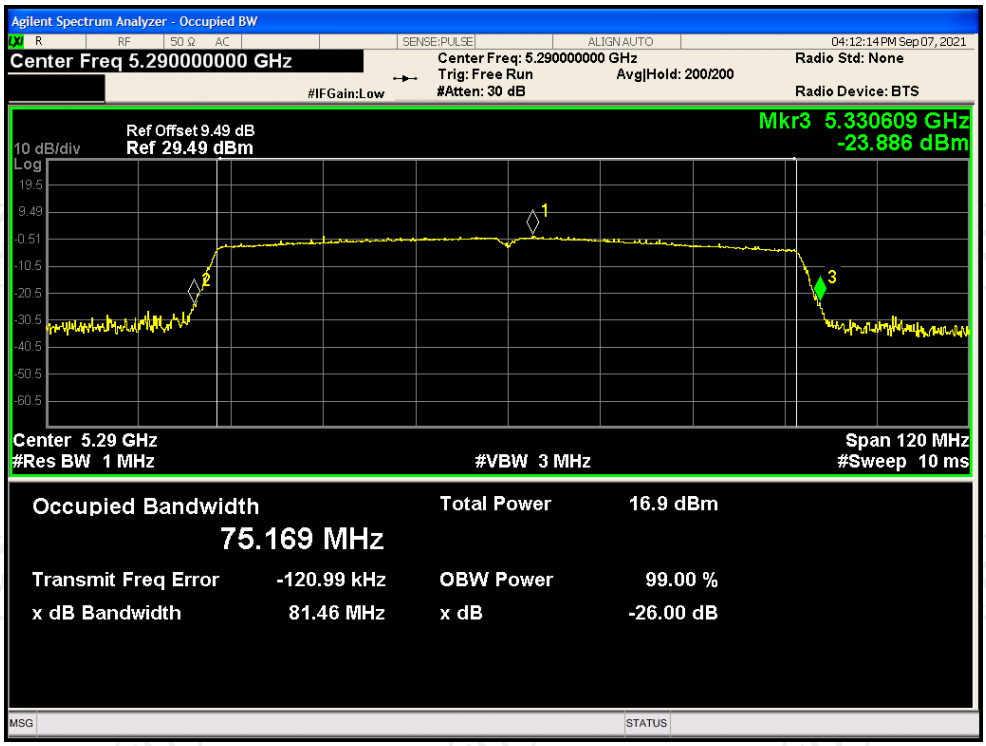
-26dB Bandwidth NVNT ac40 5270MHz



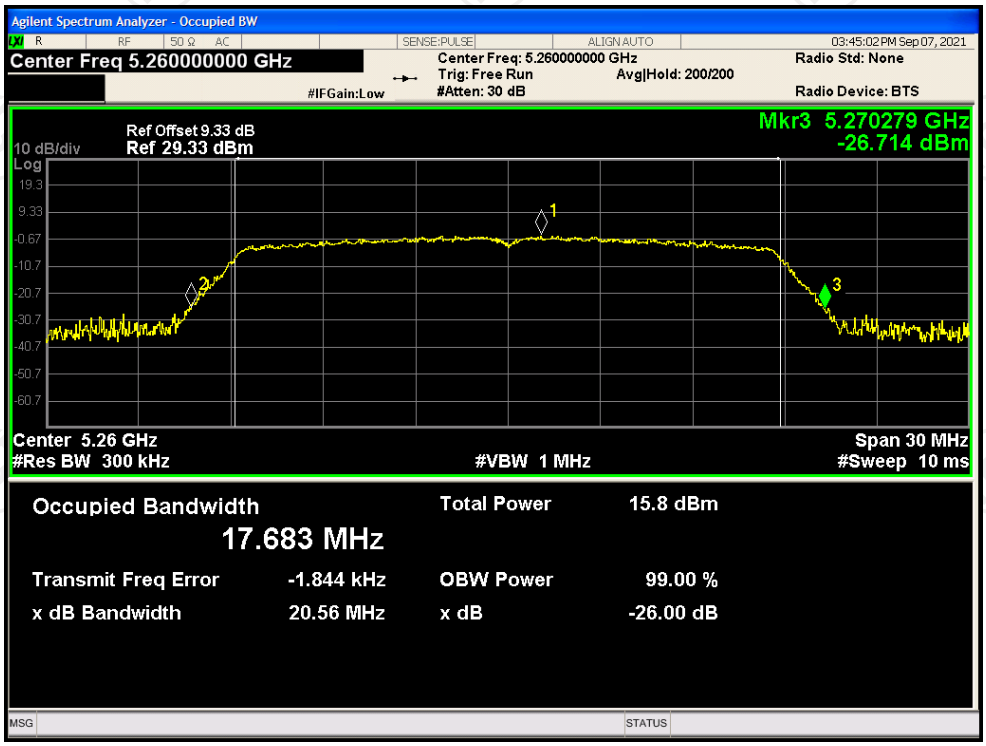
-26dB Bandwidth NVNT ac40 5310MHz



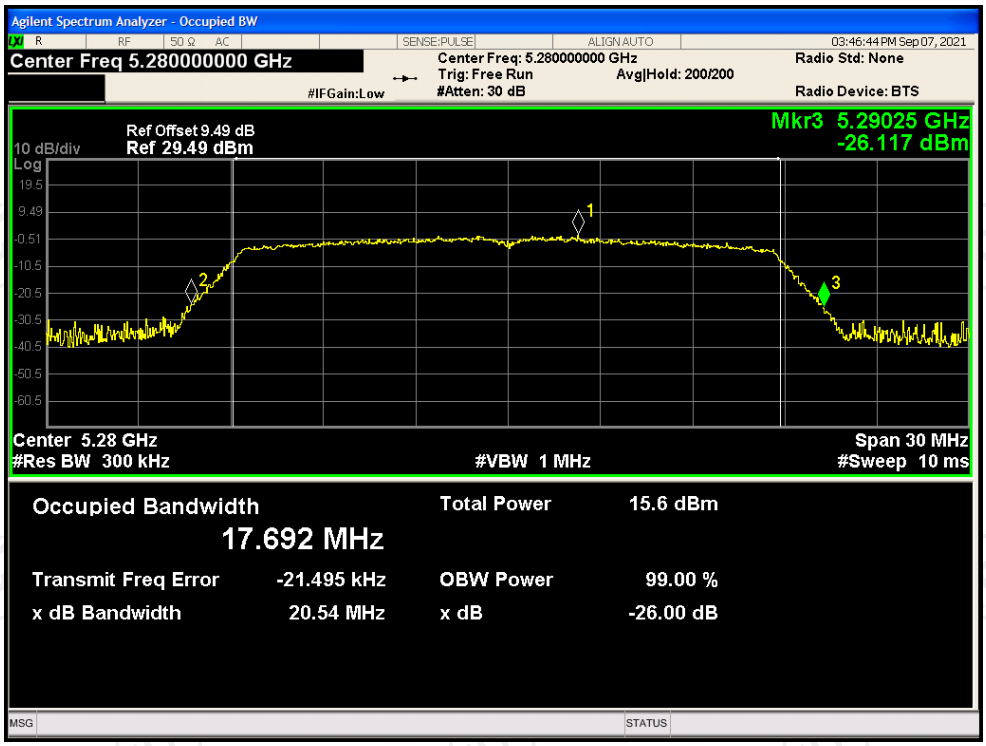
-26dB Bandwidth NVNT ac80 5290MHz



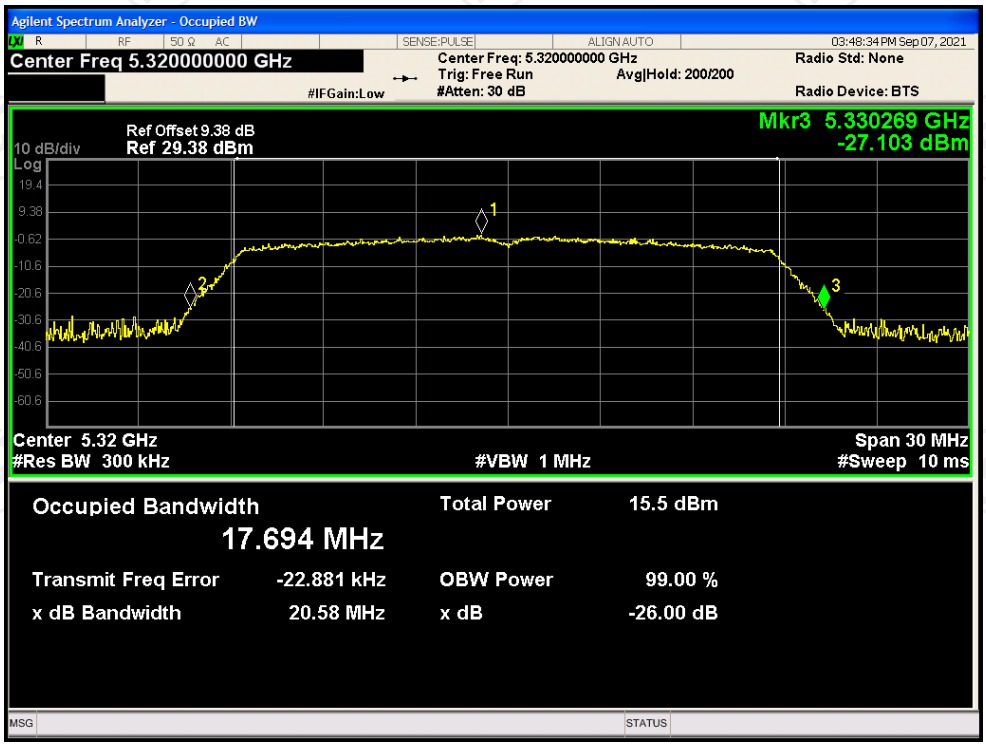
-26dB Bandwidth NVNT n20 5260MHz



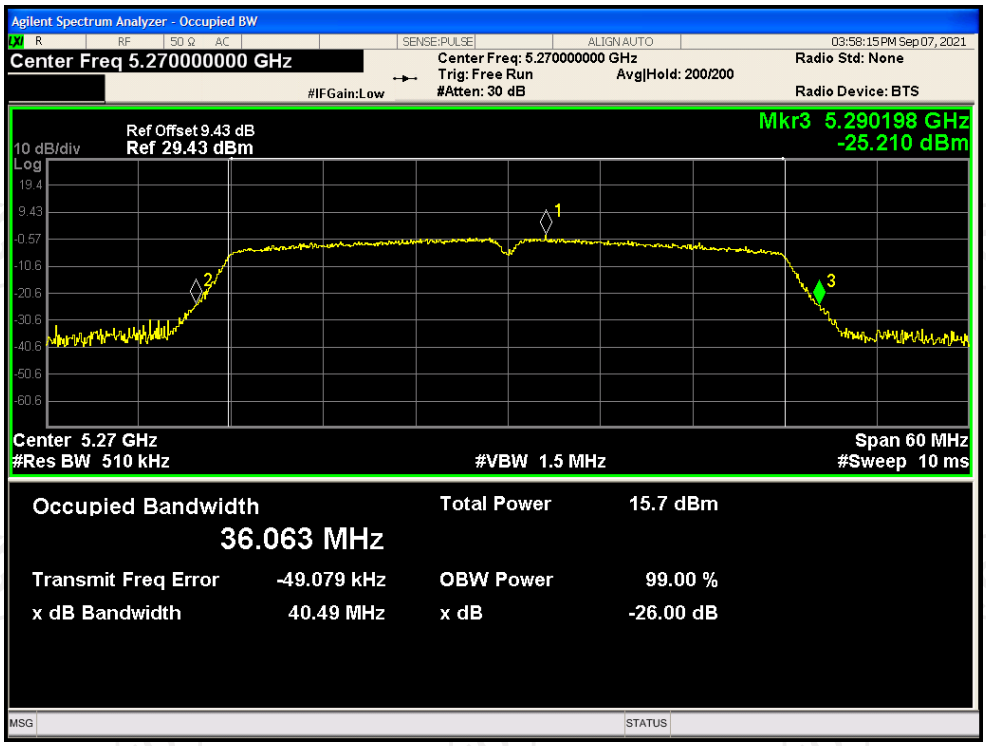
-26dB Bandwidth NVNT n20 5280MHz



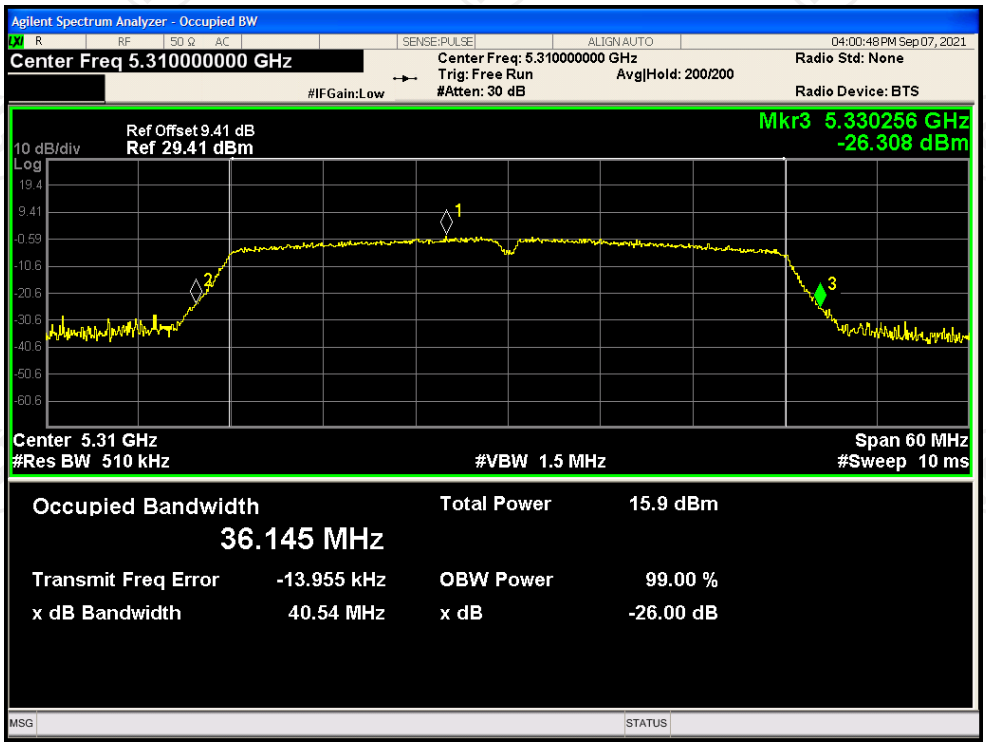
-26dB Bandwidth NVNT n20 5320MHz



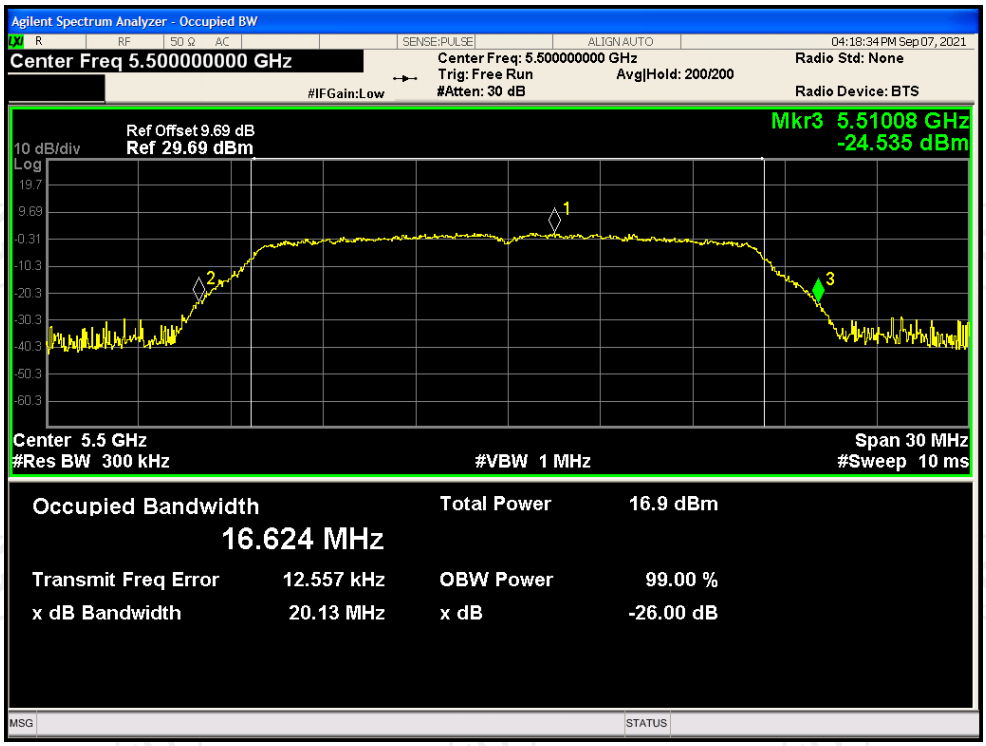
-26dB Bandwidth NVNT n40 5270MHz



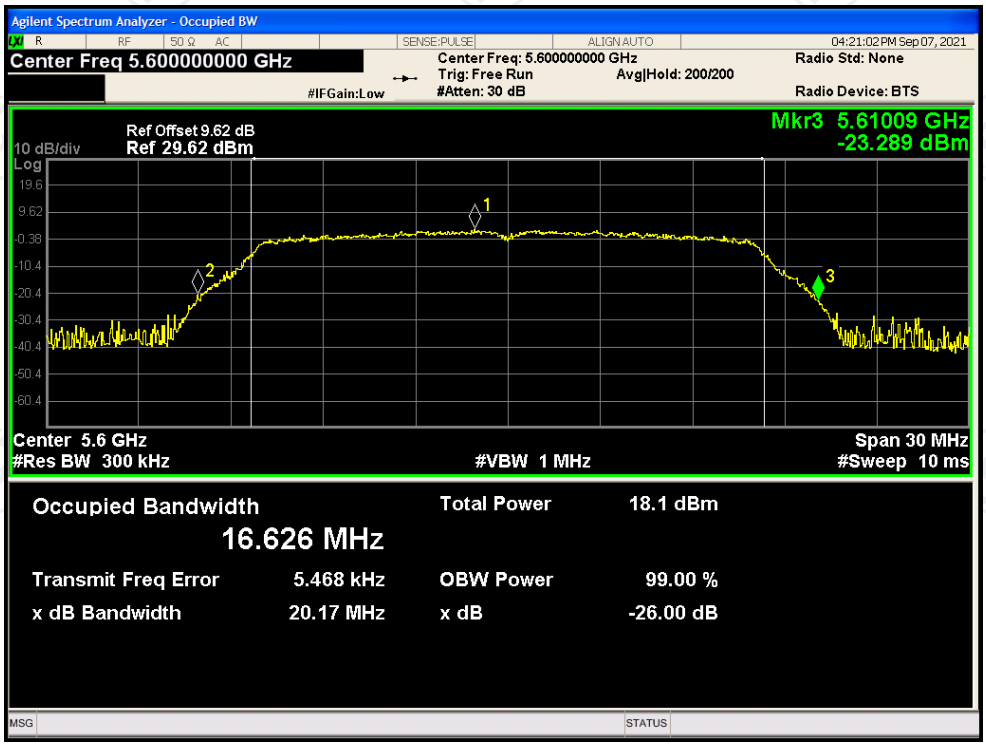
-26dB Bandwidth NVNT n40 5310MHz



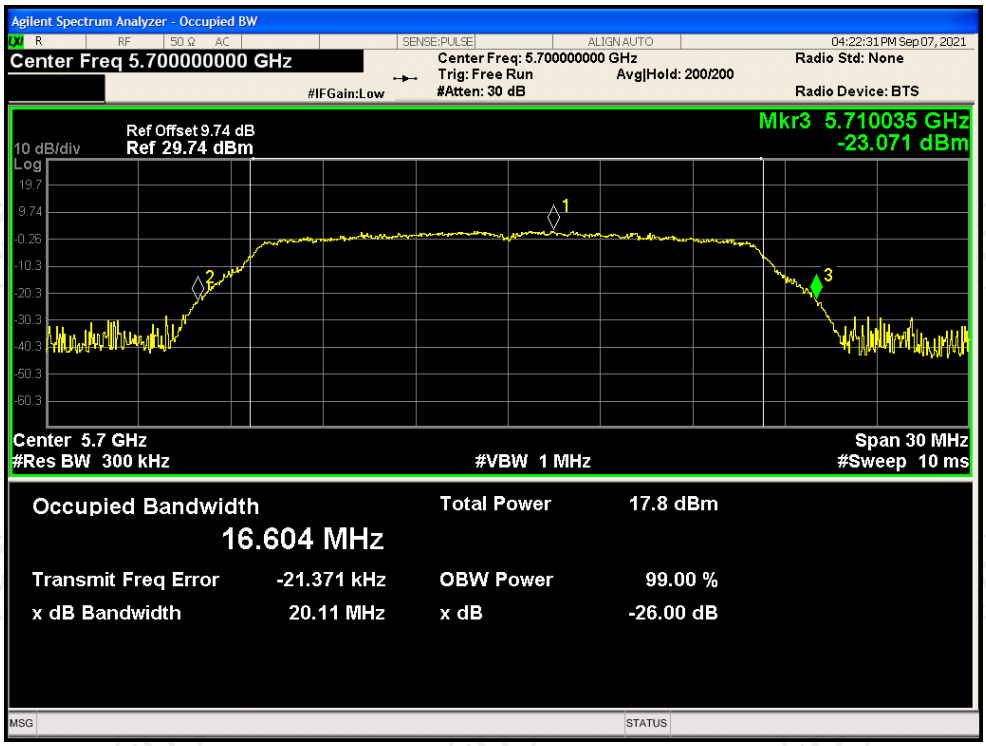
-26dB Bandwidth NVNT a 5500MHz



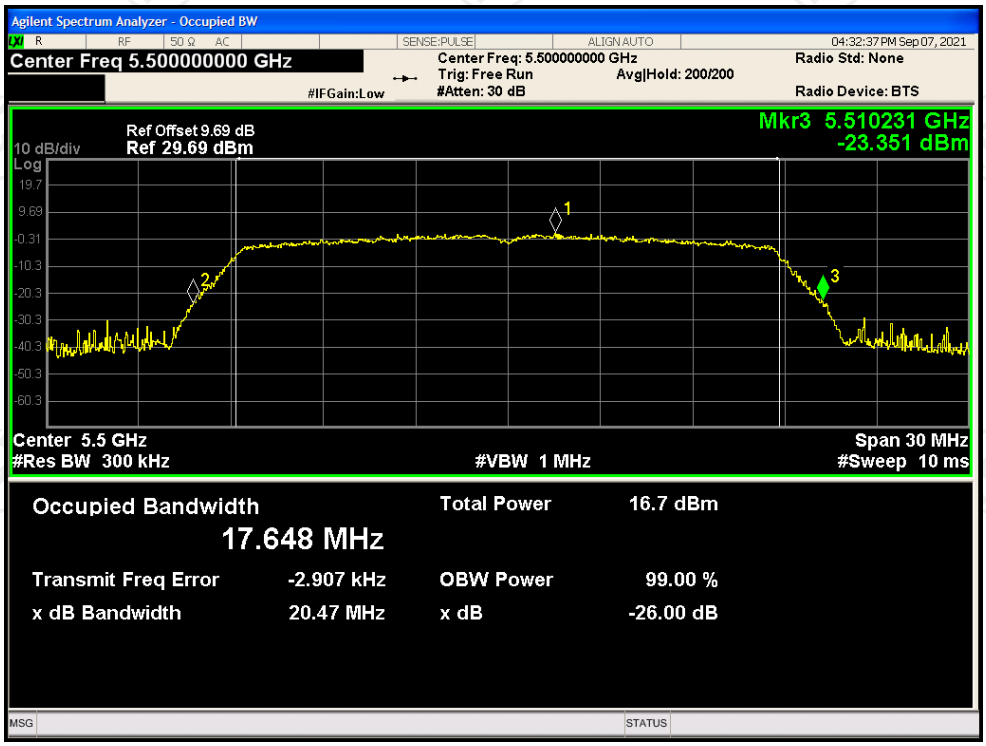
-26dB Bandwidth NVNT a 5600MHz



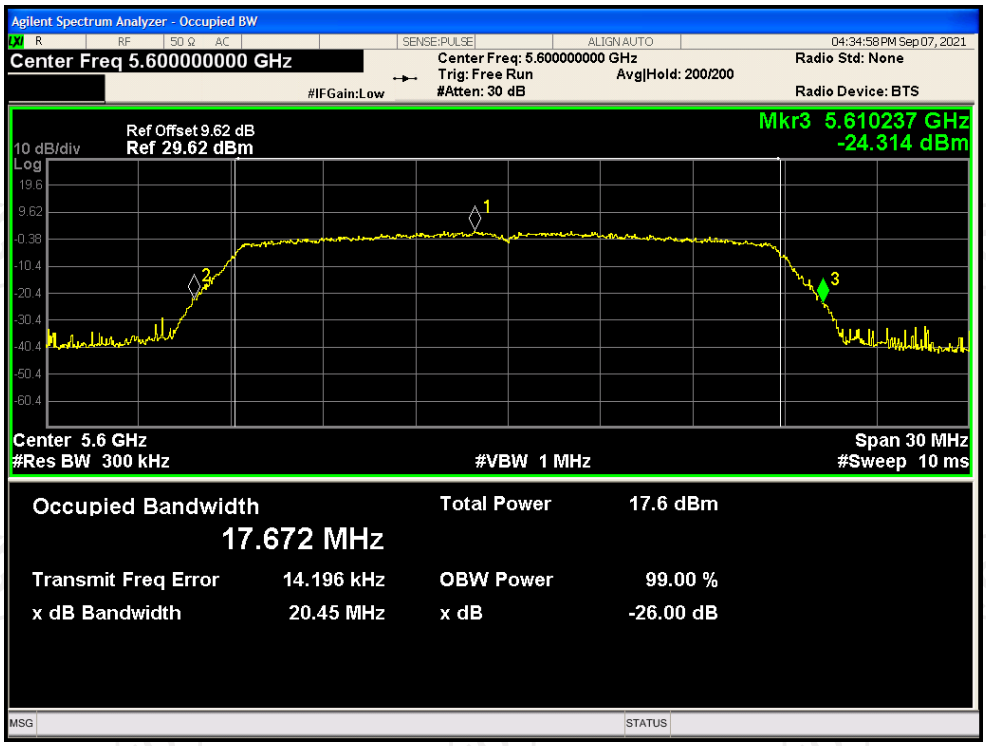
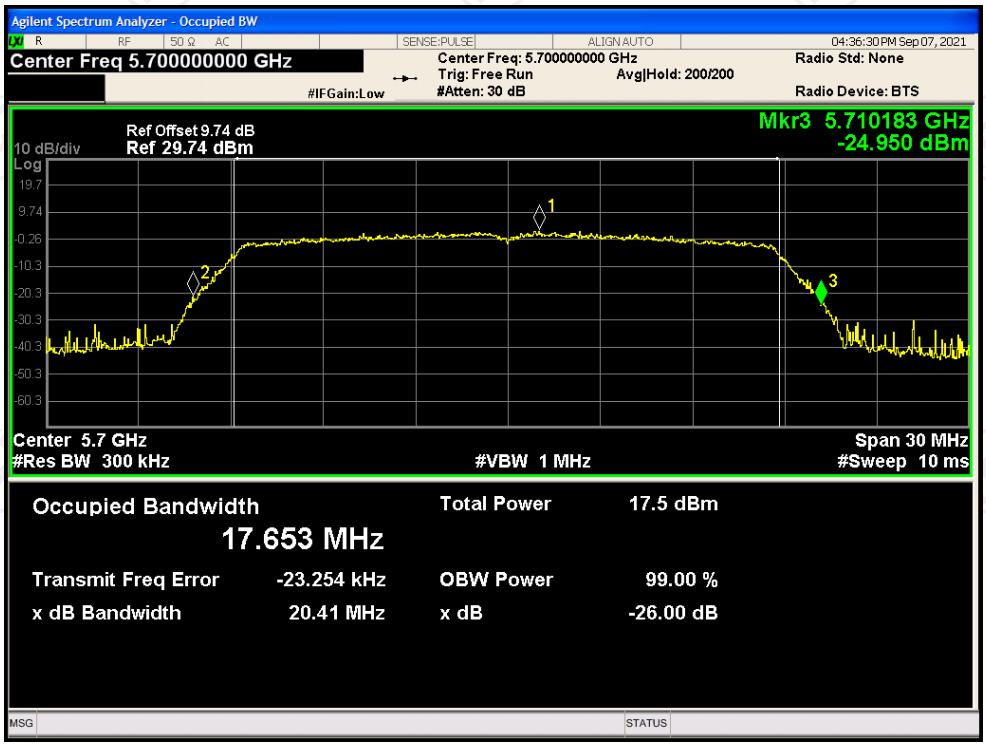
-26dB Bandwidth NVNT a 5700MHz



-26dB Bandwidth NVNT ac20 5500MHz



-26dB Bandwidth NVNT ac20 5600MHz



-26dB Bandwidth NVNT ac20 5700MHz