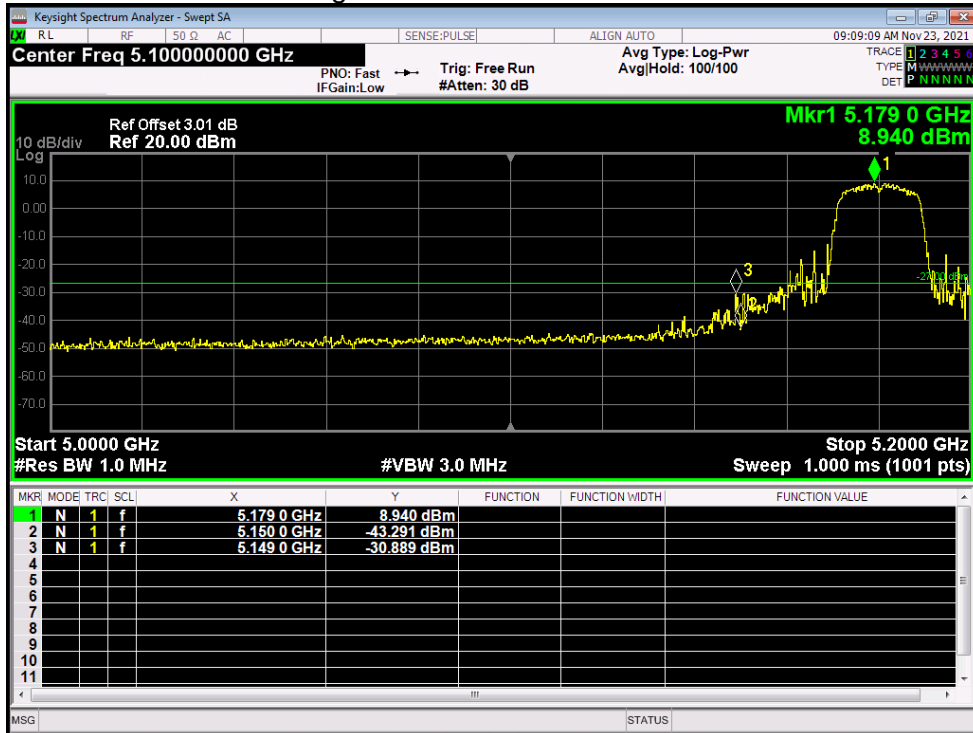
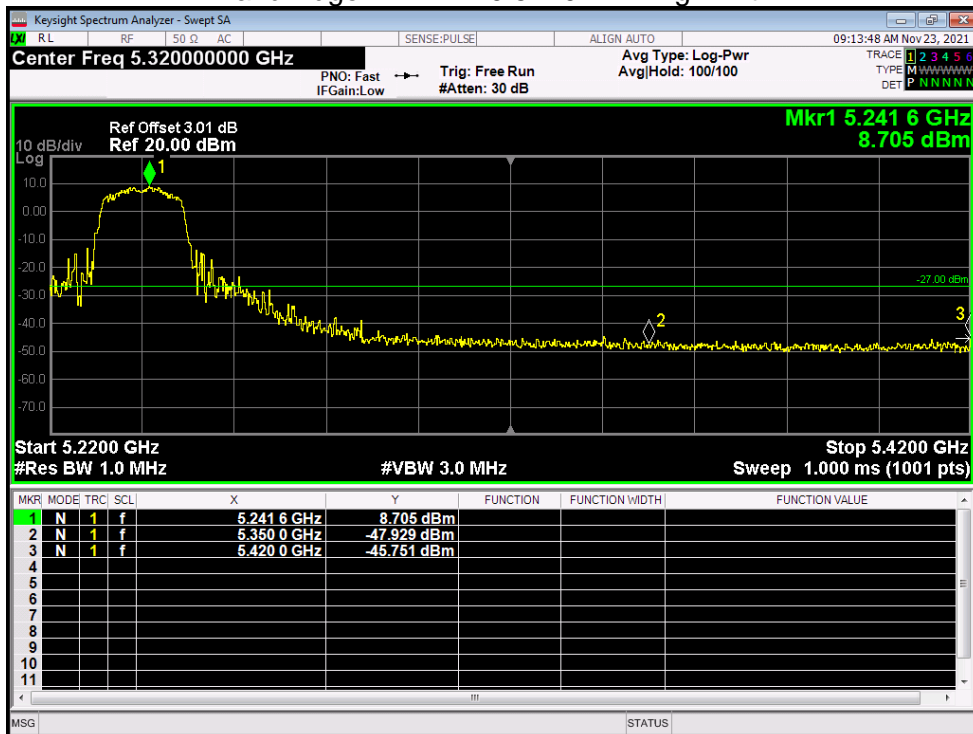


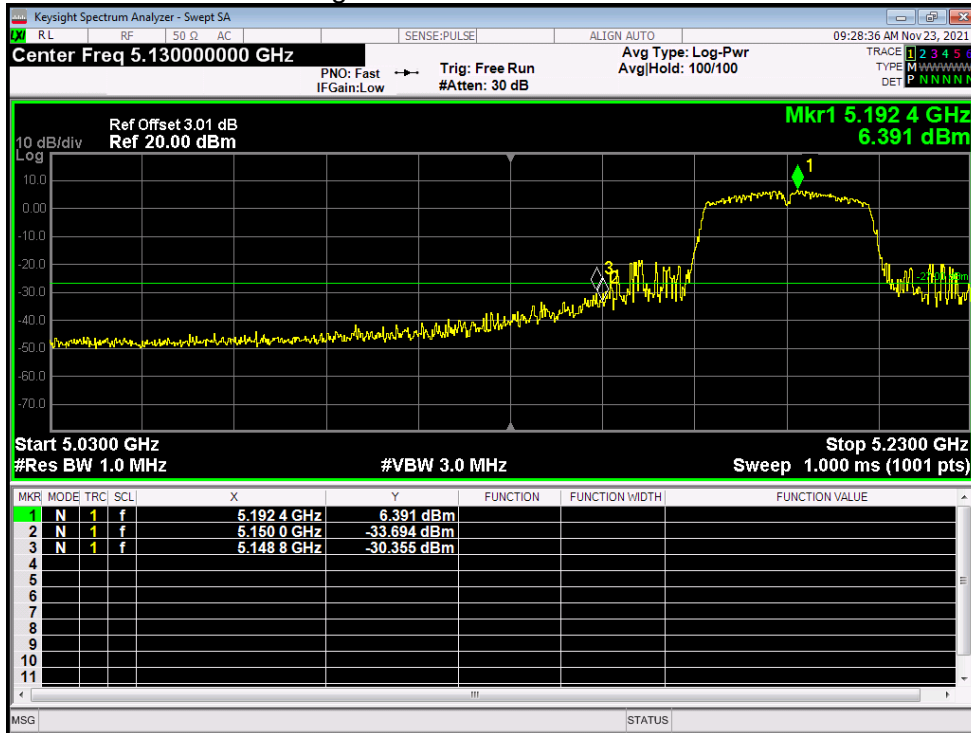
### Band Edge NVNT n20 5180MHz Low Ant1



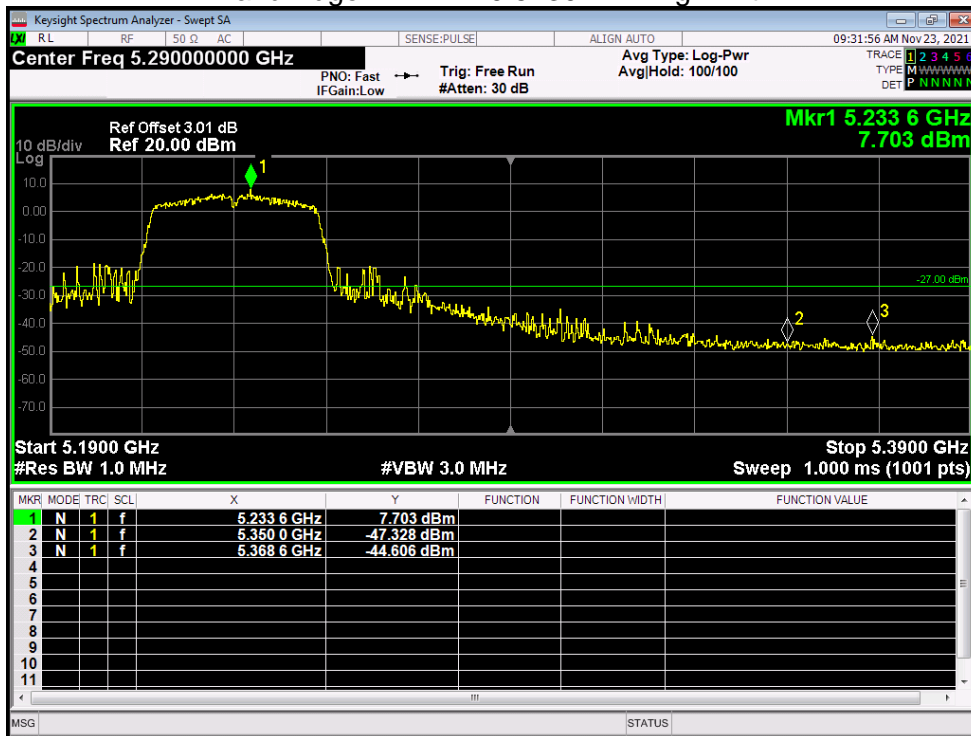
### Band Edge NVNT n20 5240MHz High Ant1



### Band Edge NVNT n40 5190MHz Low Ant1



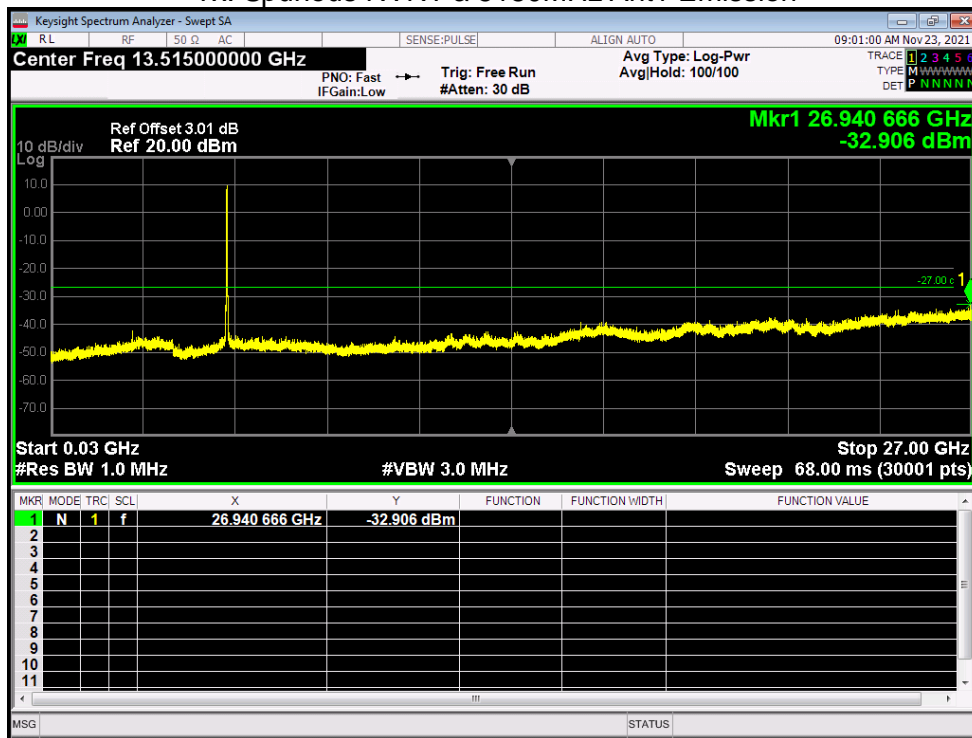
### Band Edge NVNT n40 5230MHz High Ant1



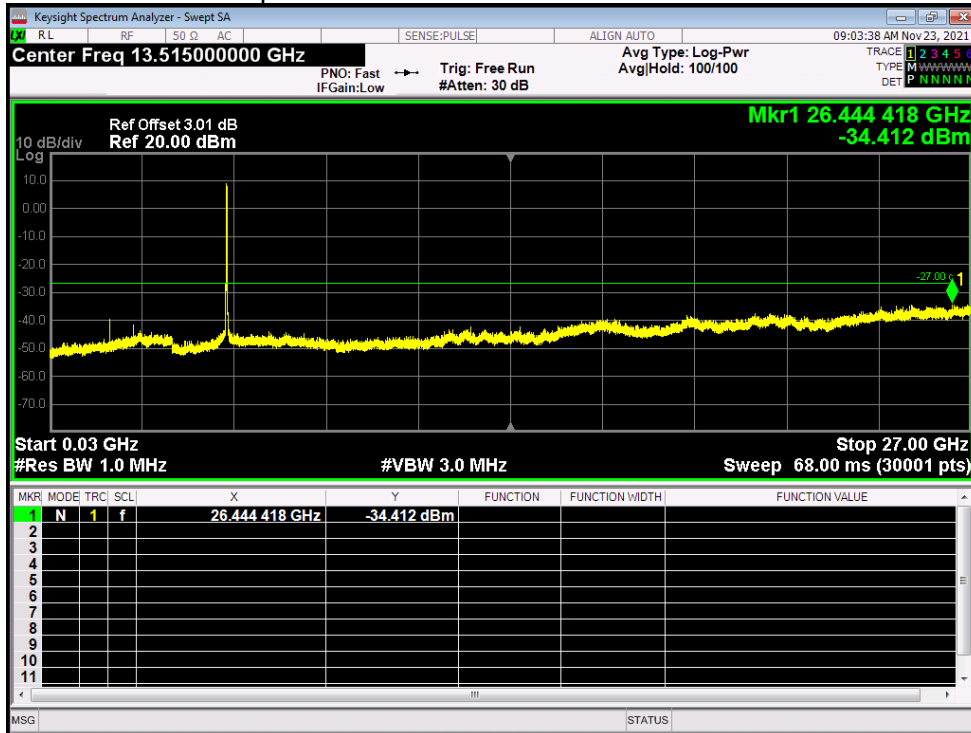
5.7 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-32.9	-27	Pass
NVNT	a	5200	Ant1	-34.41	-27	Pass
NVNT	a	5240	Ant1	-33.52	-27	Pass
NVNT	ac20	5180	Ant1	-44.34	-27	Pass
NVNT	ac20	5200	Ant1	-44.27	-27	Pass
NVNT	ac20	5240	Ant1	-38.04	-27	Pass
NVNT	ac40	5190	Ant1	-44.44	-27	Pass
NVNT	ac40	5230	Ant1	-43.78	-27	Pass
NVNT	ac80	5210	Ant1	-44.12	-27	Pass
NVNT	n20	5180	Ant1	-34.46	-27	Pass
NVNT	n20	5200	Ant1	-34.05	-27	Pass
NVNT	n20	5240	Ant1	-33.38	-27	Pass
NVNT	n40	5190	Ant1	-33.99	-27	Pass
NVNT	n40	5230	Ant1	-33.3	-27	Pass

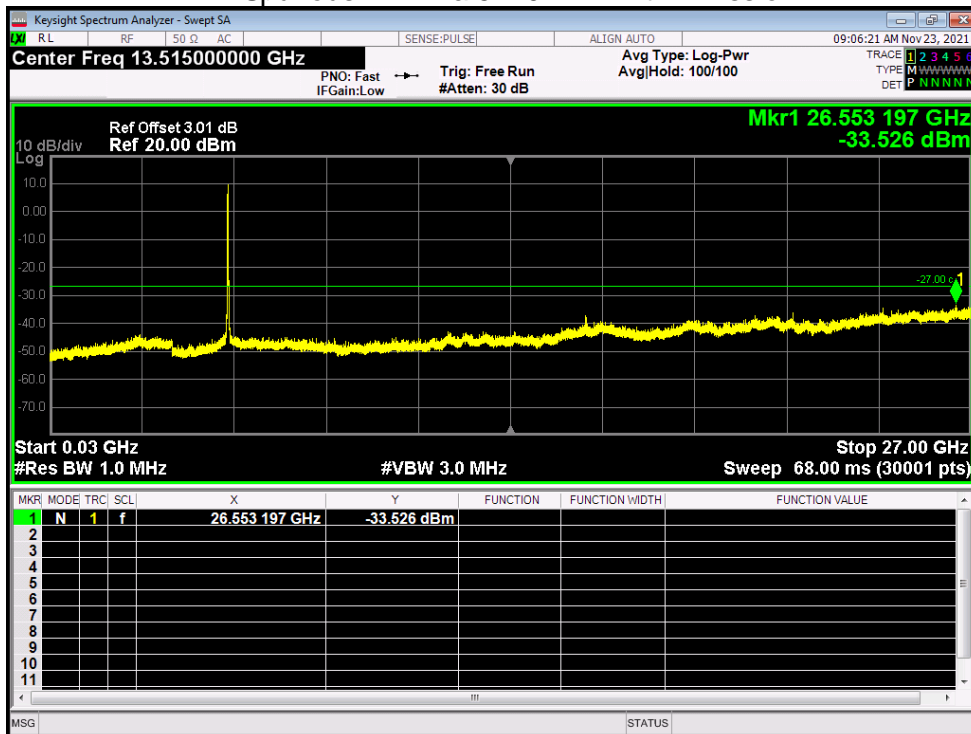
Tx. Spurious NVNT a 5180MHz Ant1 Emission



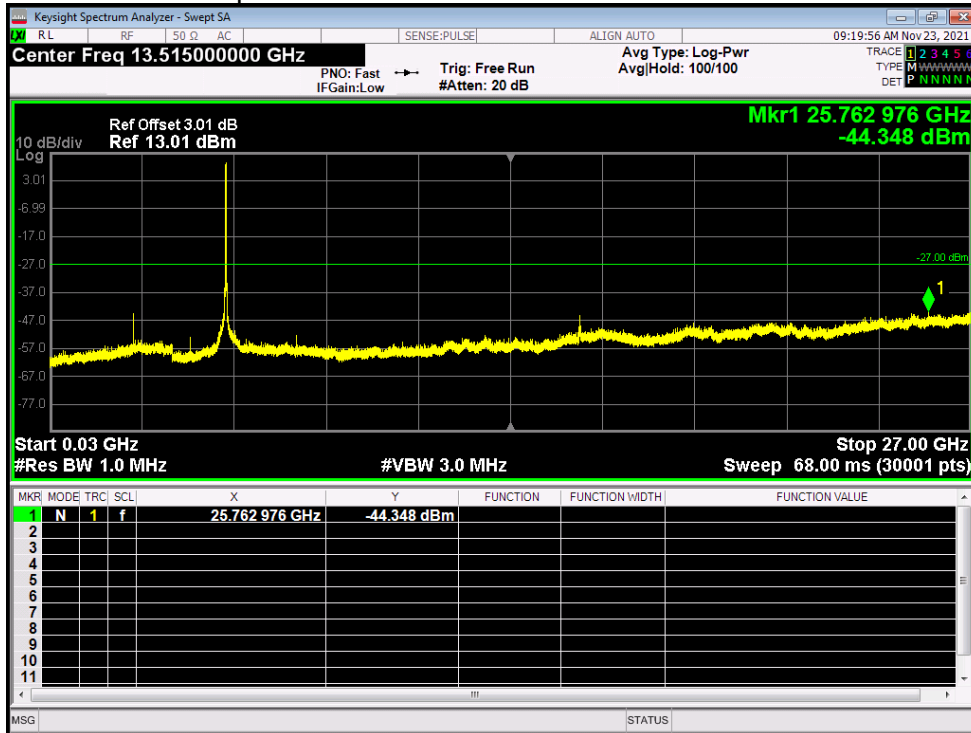
Tx. Spurious NVNT a 5200MHz Ant1 Emission



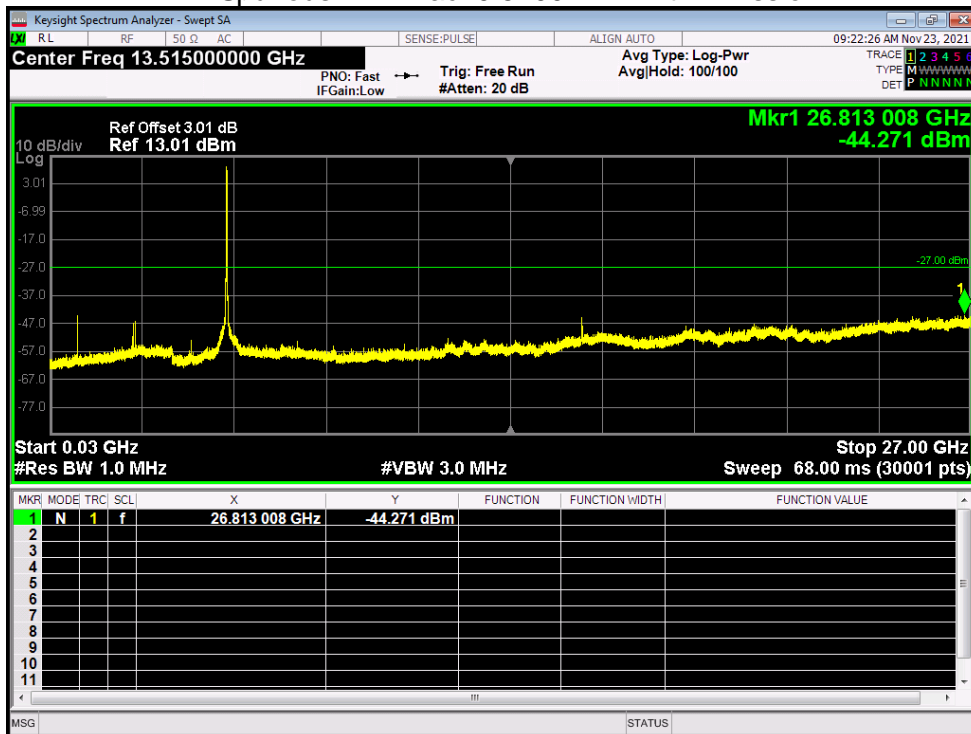
Tx. Spurious NVNT a 5240MHz Ant1 Emission



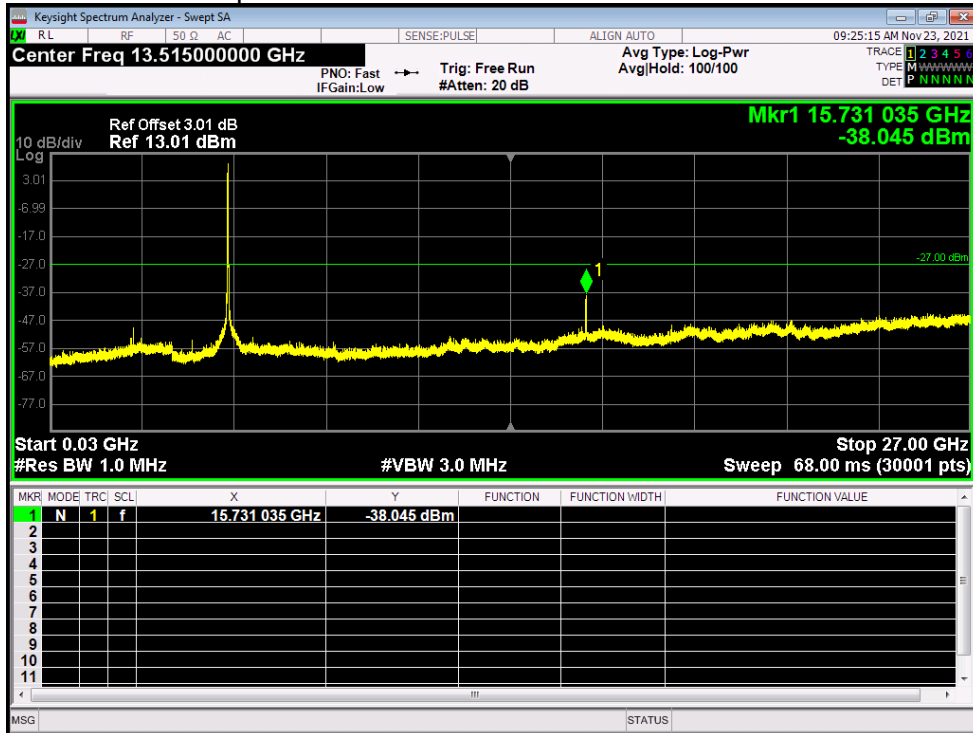
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



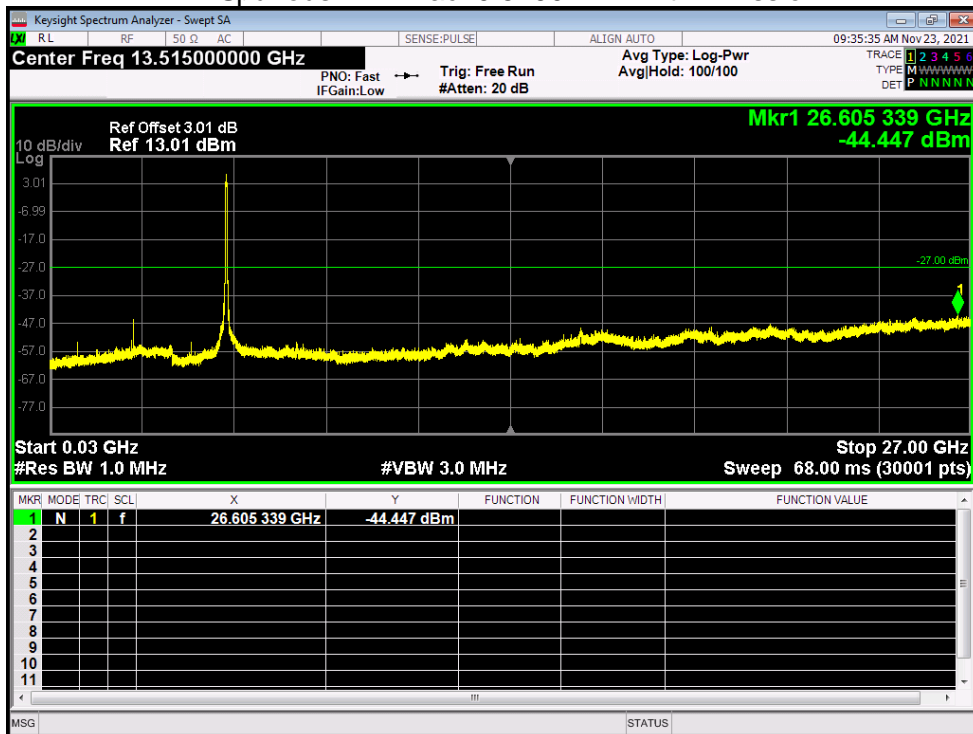
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



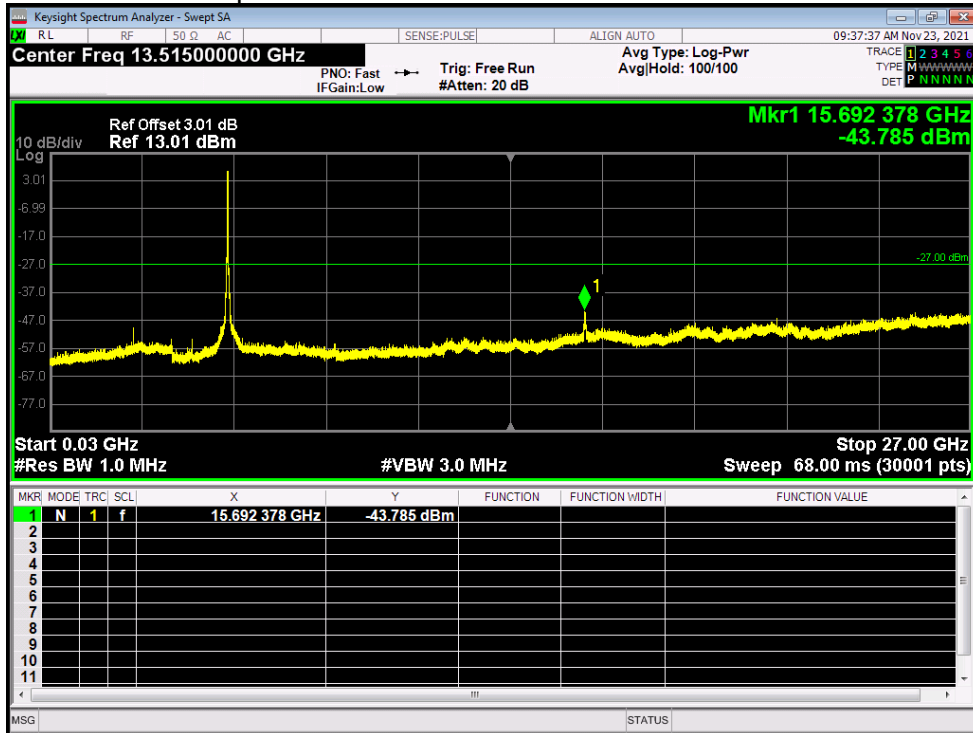
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



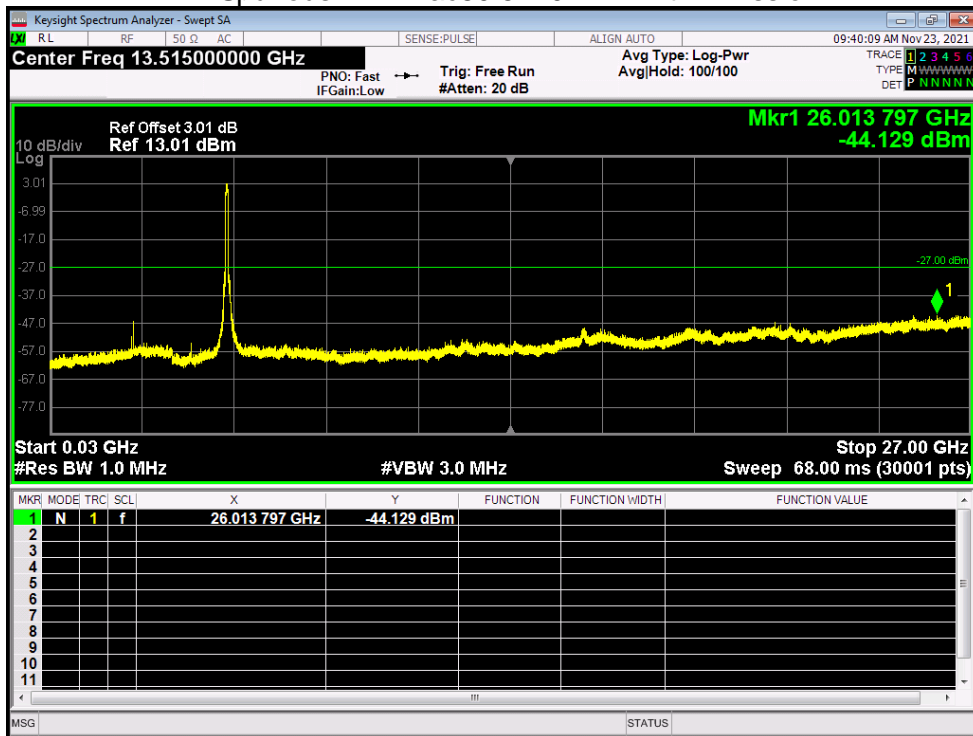
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



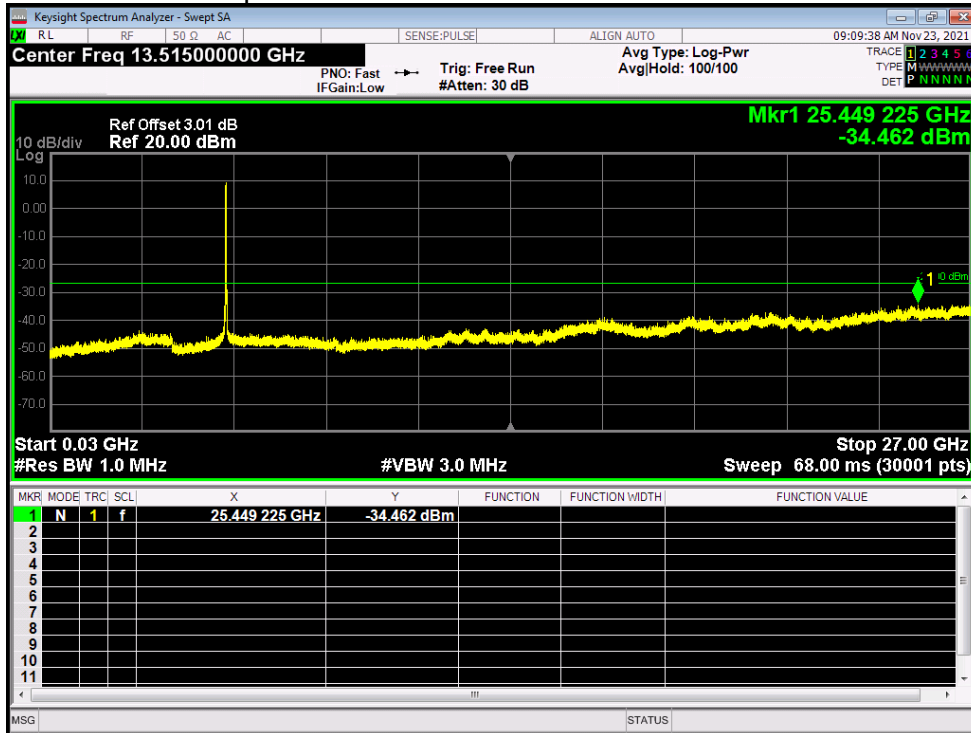
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



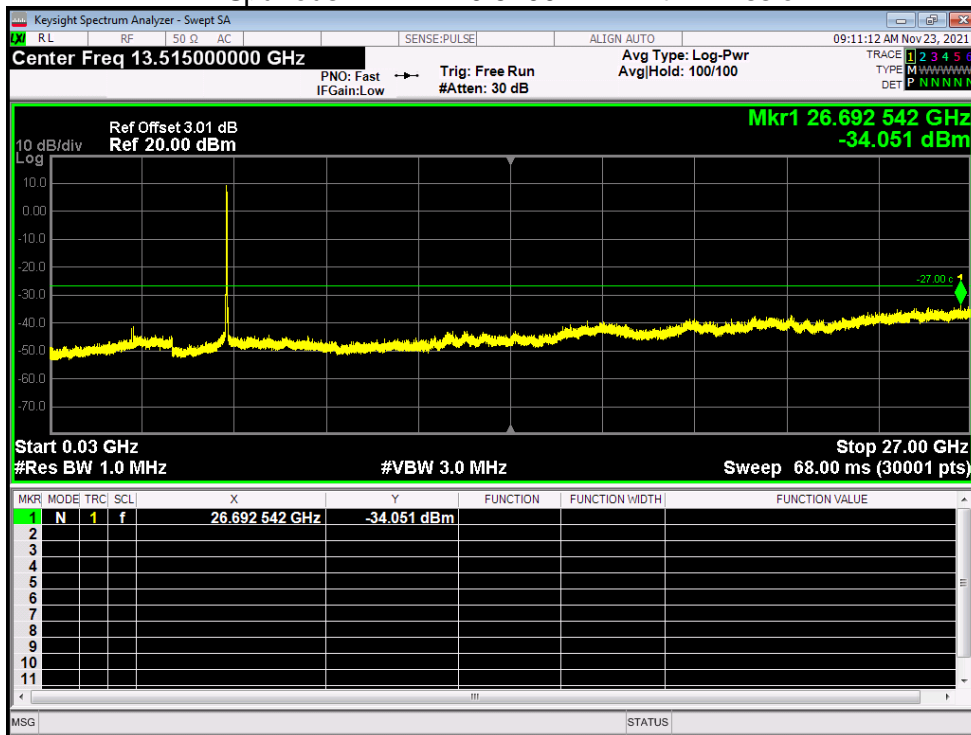
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



Tx. Spurious NVNT n20 5180MHz Ant1 Emission

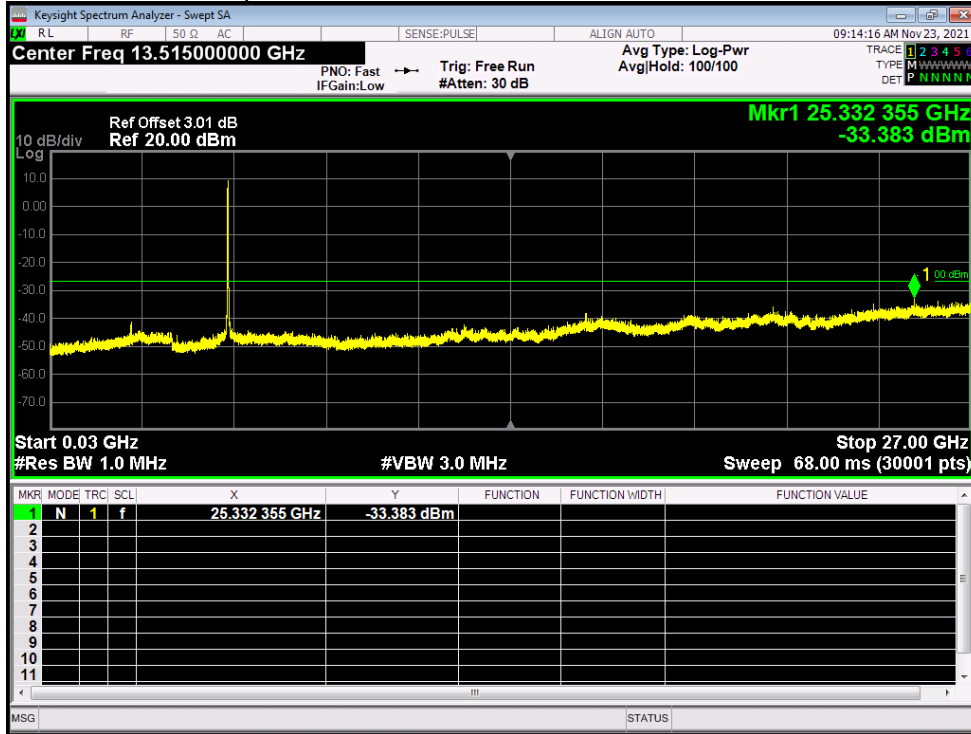


Tx. Spurious NVNT n20 5200MHz Ant1 Emission

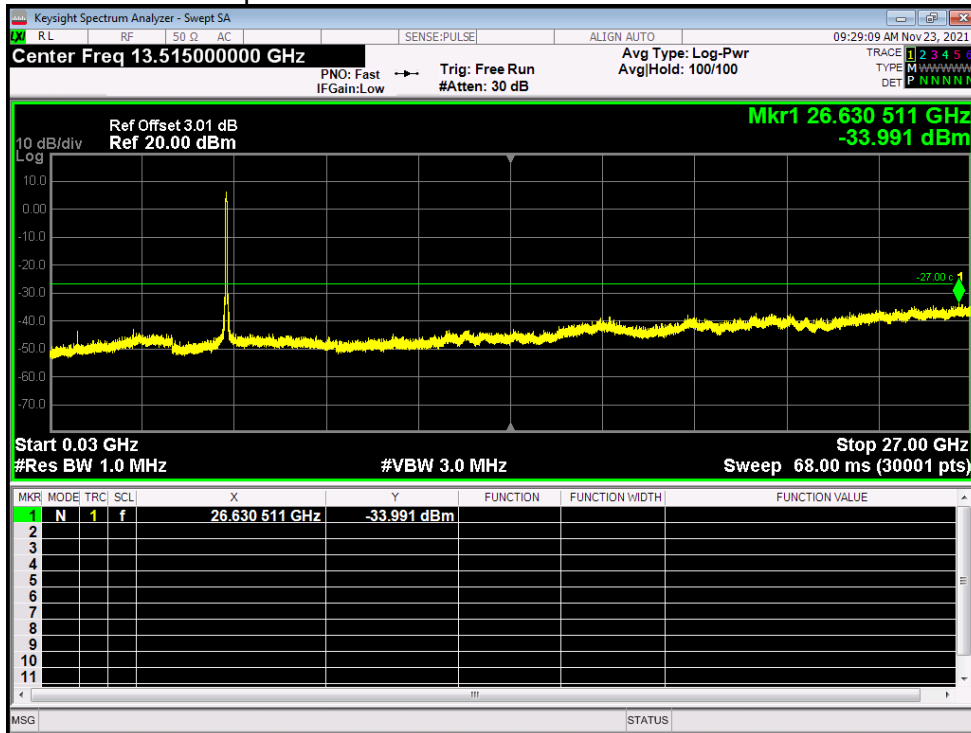




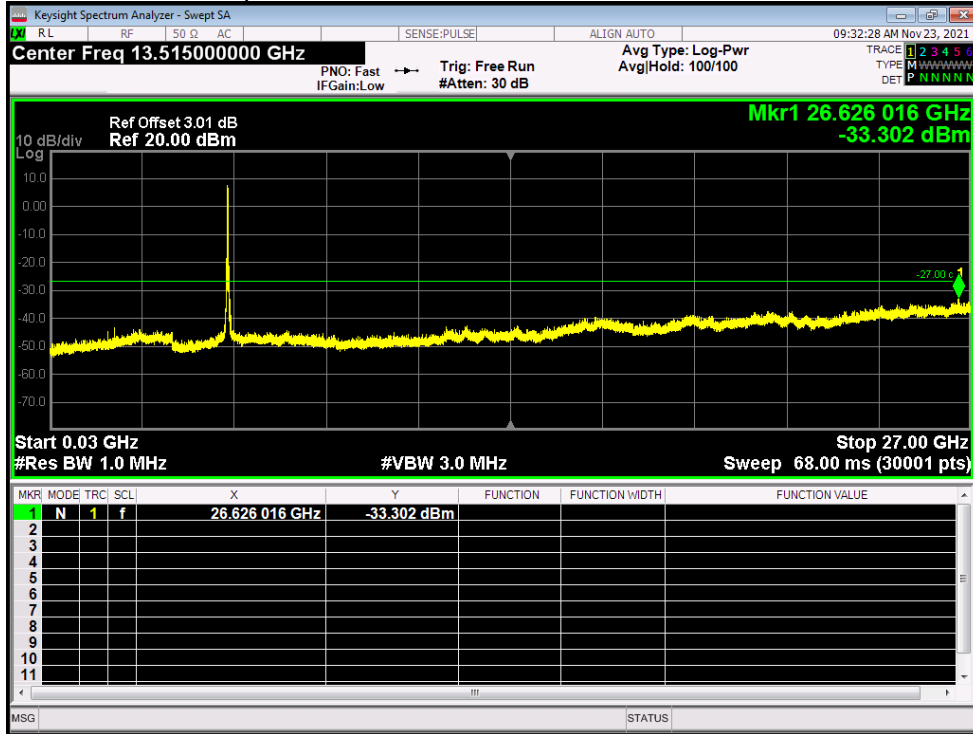
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



Tx. Spurious NVNT n40 5190MHz Ant1 Emission



Tx. Spurious NVNT n40 5230MHz Ant1 Emission

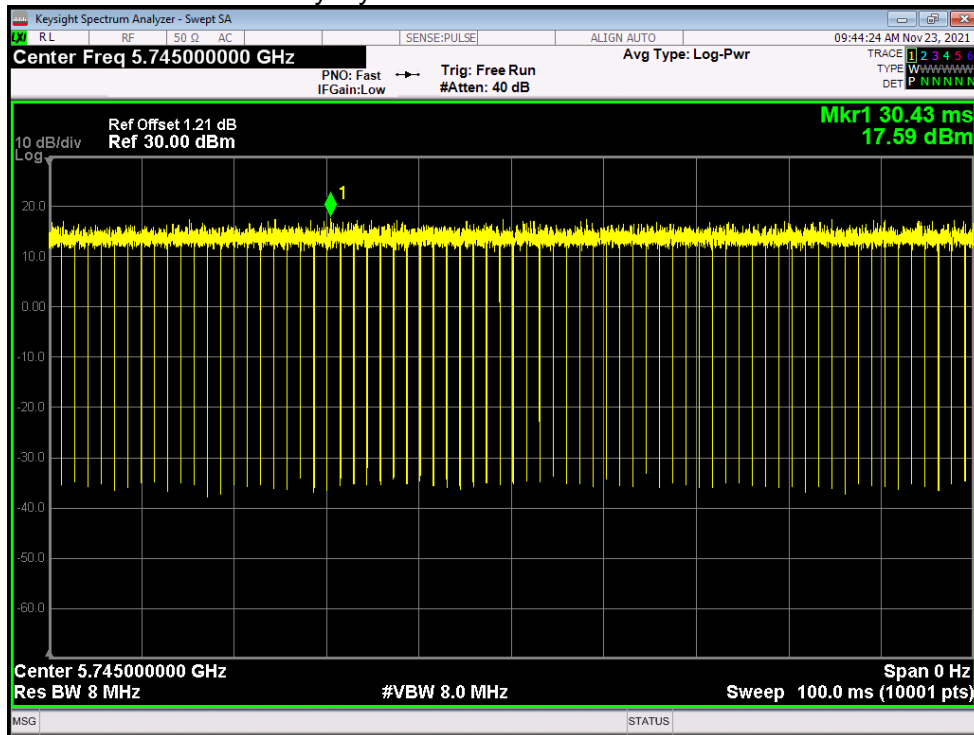


## 5.8 WIFI

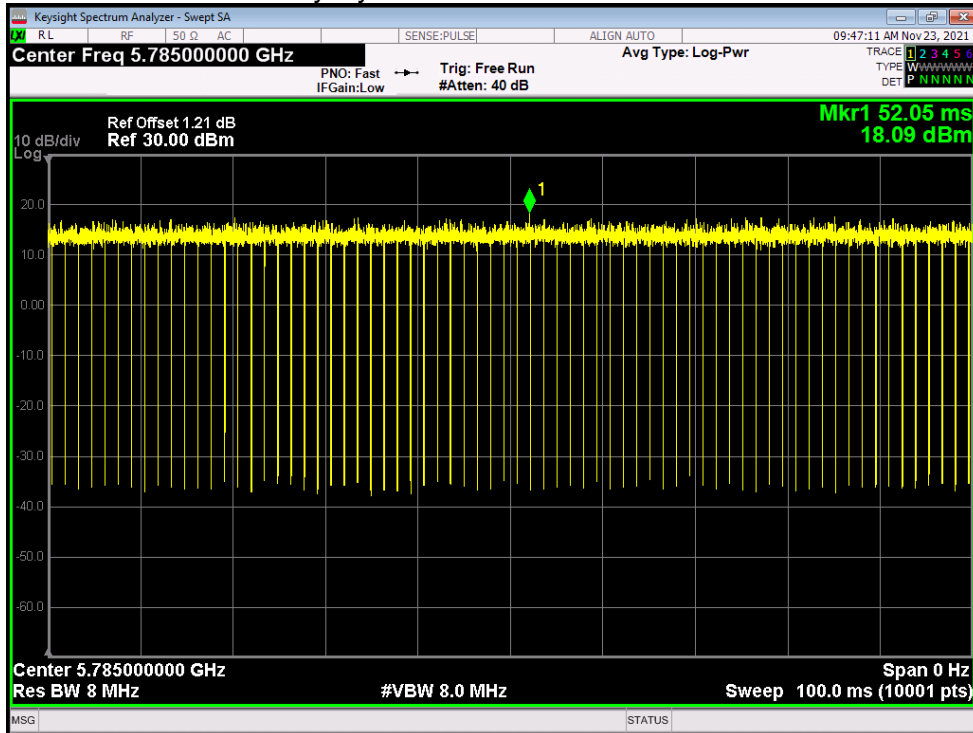
### 5.1 DUTY CYCLE

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	97.61	0.11
NVNT	a	5785	Ant1	97.58	0.11
NVNT	a	5825	Ant1	97.59	0.11
NVNT	ac20	5745	Ant1	97.49	0.11
NVNT	ac20	5785	Ant1	97.44	0.11
NVNT	ac20	5825	Ant1	97.43	0.11
NVNT	ac40	5755	Ant1	95.11	0.22
NVNT	ac40	5795	Ant1	95.11	0.22
NVNT	ac80	5775	Ant1	84.45	0.73
NVNT	n20	5745	Ant1	97.41	0.11
NVNT	n20	5785	Ant1	97.42	0.11
NVNT	n20	5825	Ant1	97.45	0.11
NVNT	n40	5755	Ant1	95.1	0.22
NVNT	n40	5795	Ant1	95.05	0.22

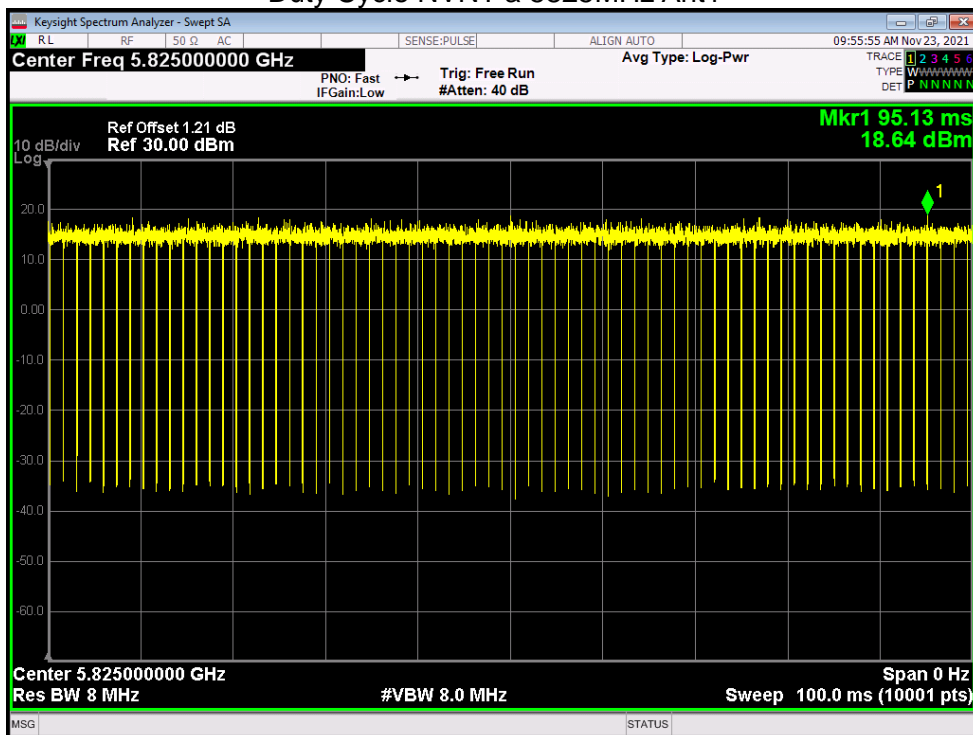
Duty Cycle NVNT a 5745MHz Ant1



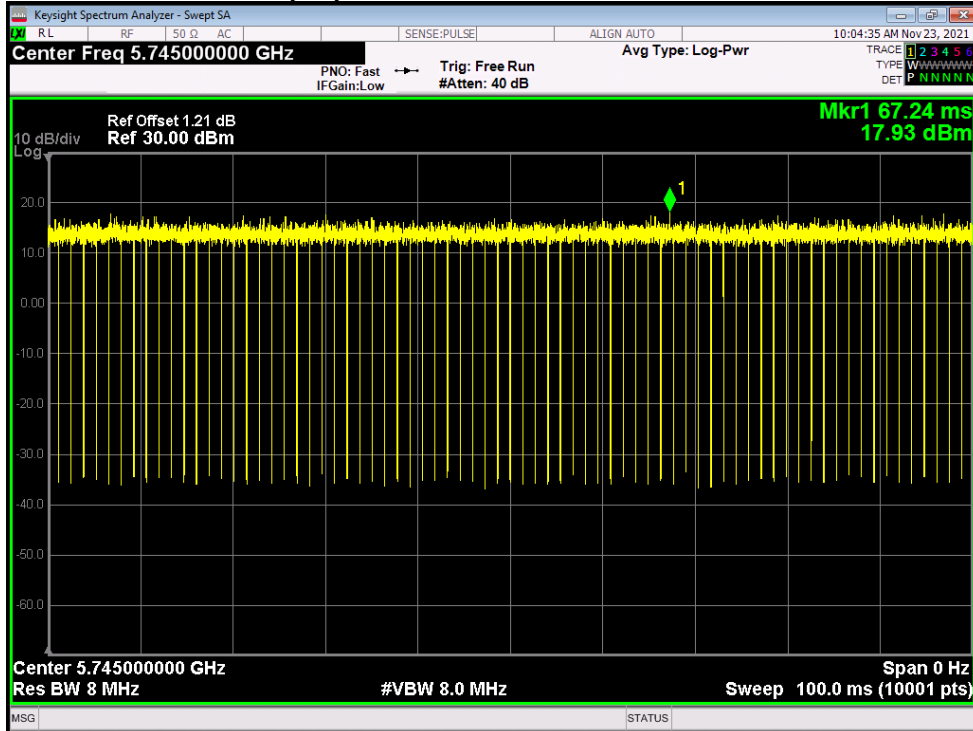
Duty Cycle NVNT a 5785MHz Ant1



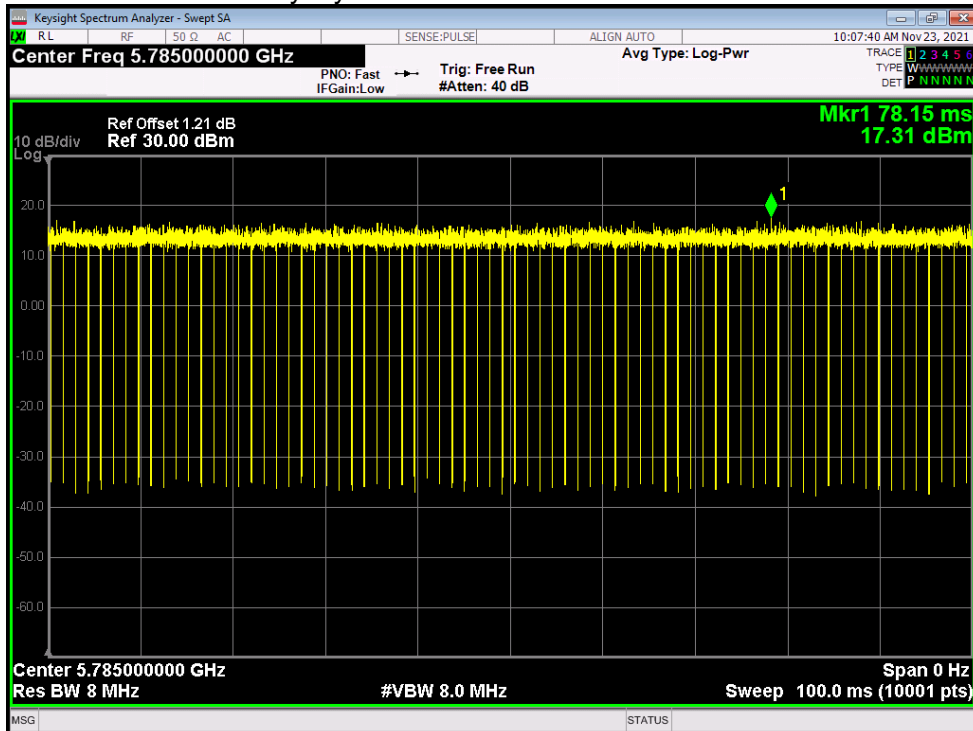
Duty Cycle NVNT a 5825MHz Ant1



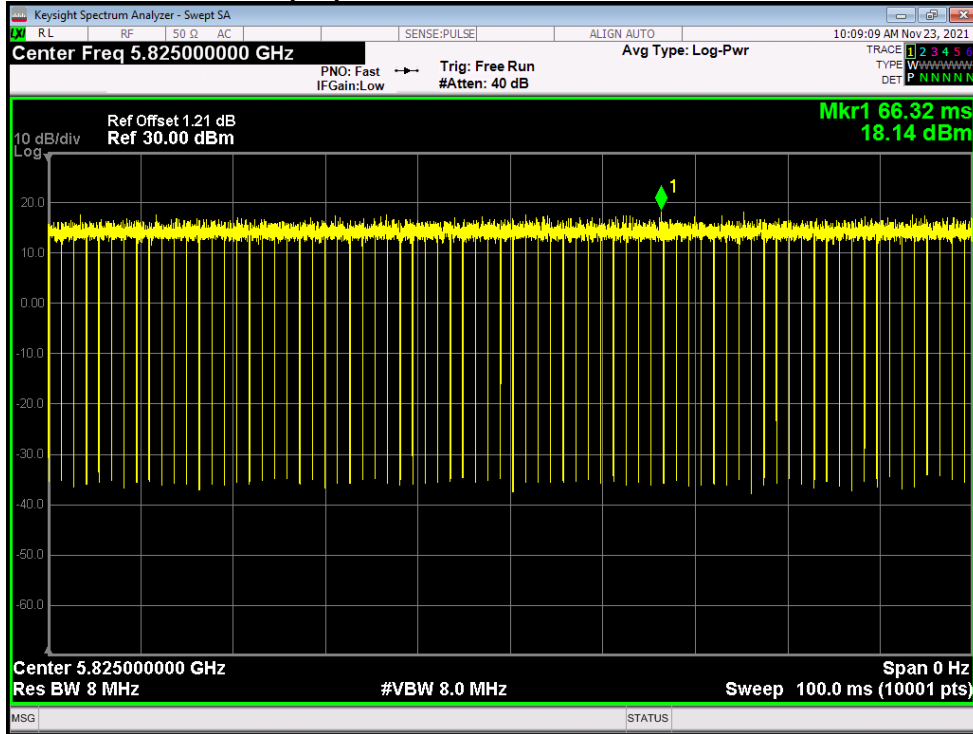
Duty Cycle NVNT ac20 5745MHz Ant1



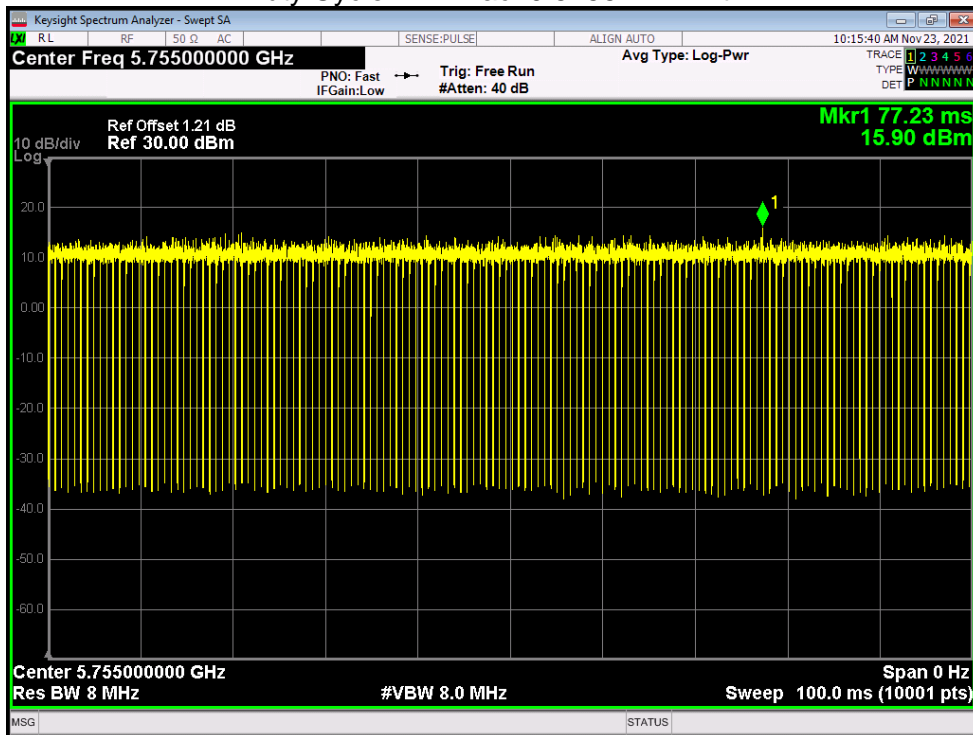
Duty Cycle NVNT ac20 5785MHz Ant1



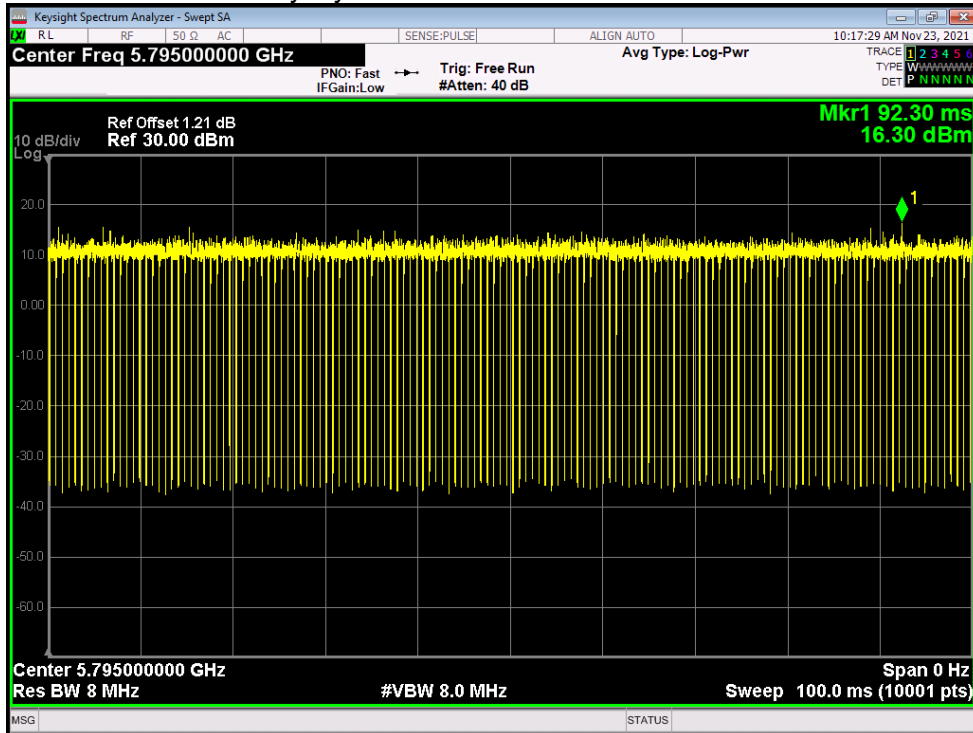
Duty Cycle NVNT ac20 5825MHz Ant1



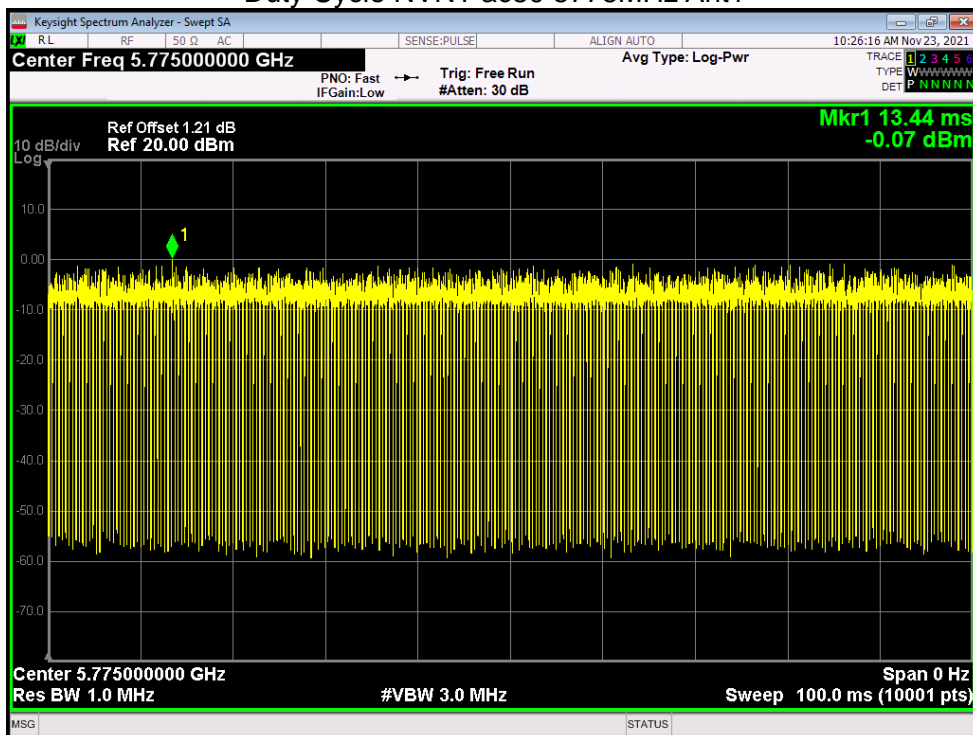
Duty Cycle NVNT ac40 5755MHz Ant1



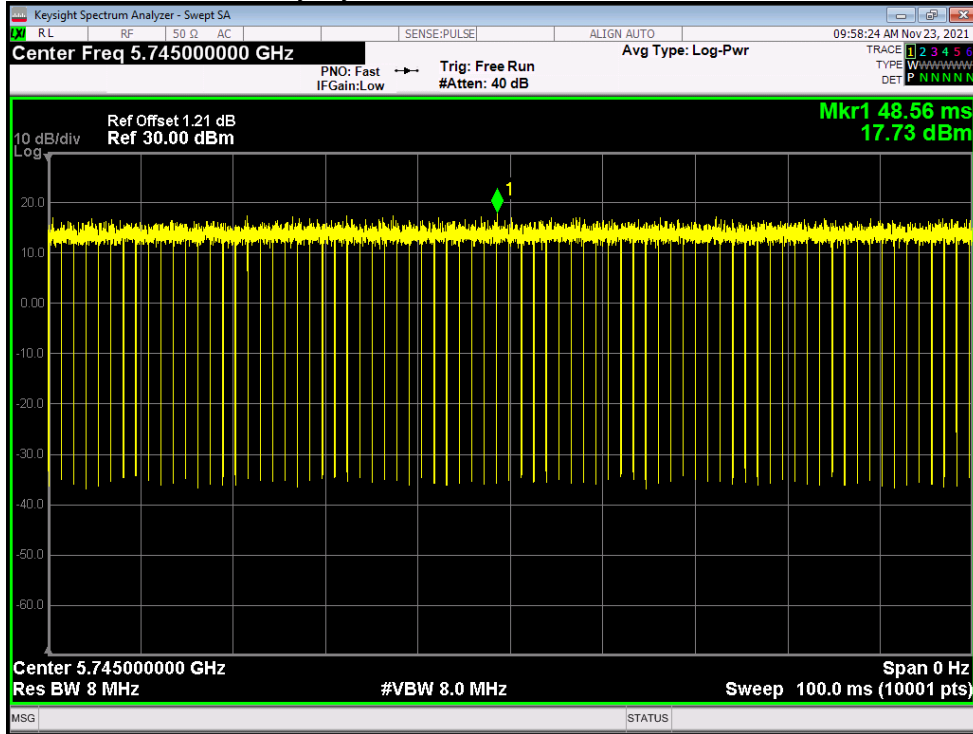
### Duty Cycle NVNT ac40 5795MHz Ant1



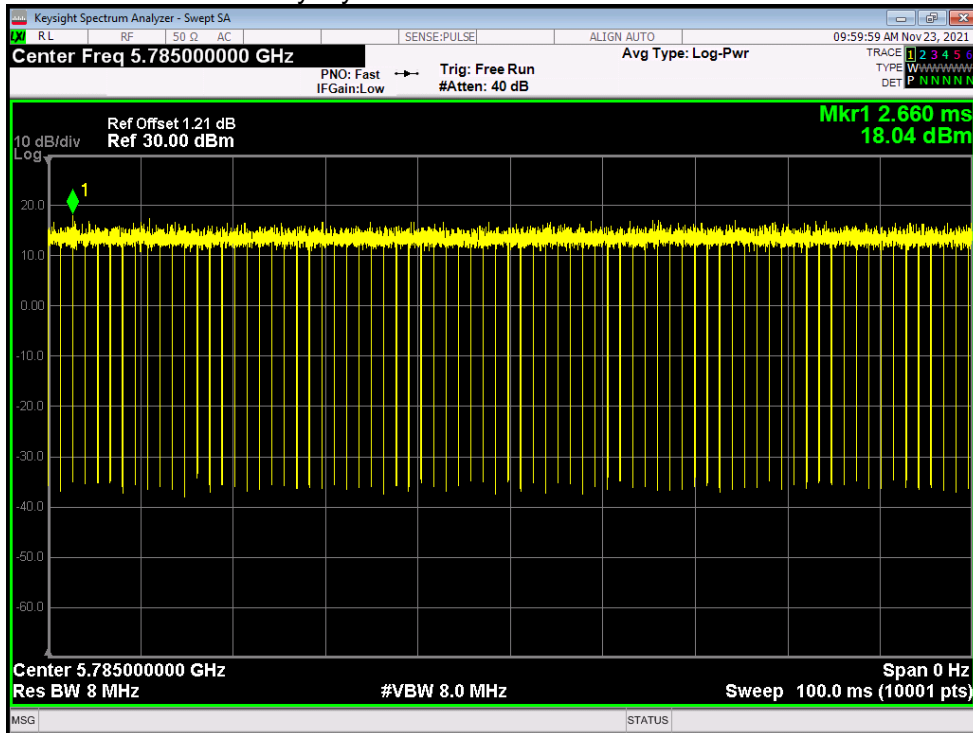
### Duty Cycle NVNT ac80 5775MHz Ant1



Duty Cycle NVNT n20 5745MHz Ant1

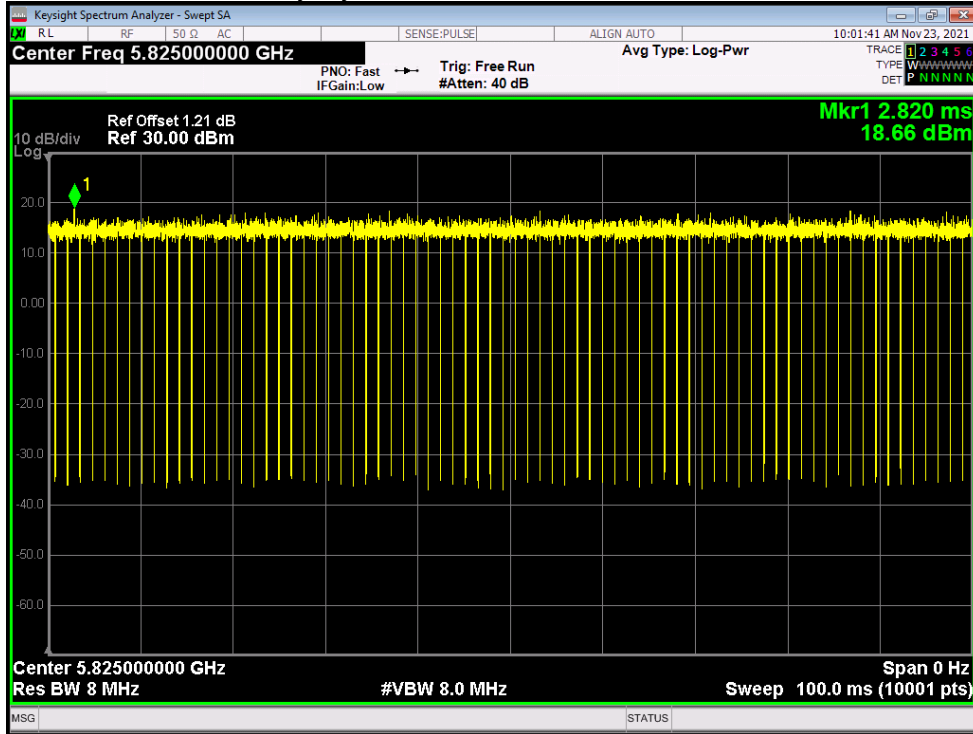


Duty Cycle NVNT n20 5785MHz Ant1

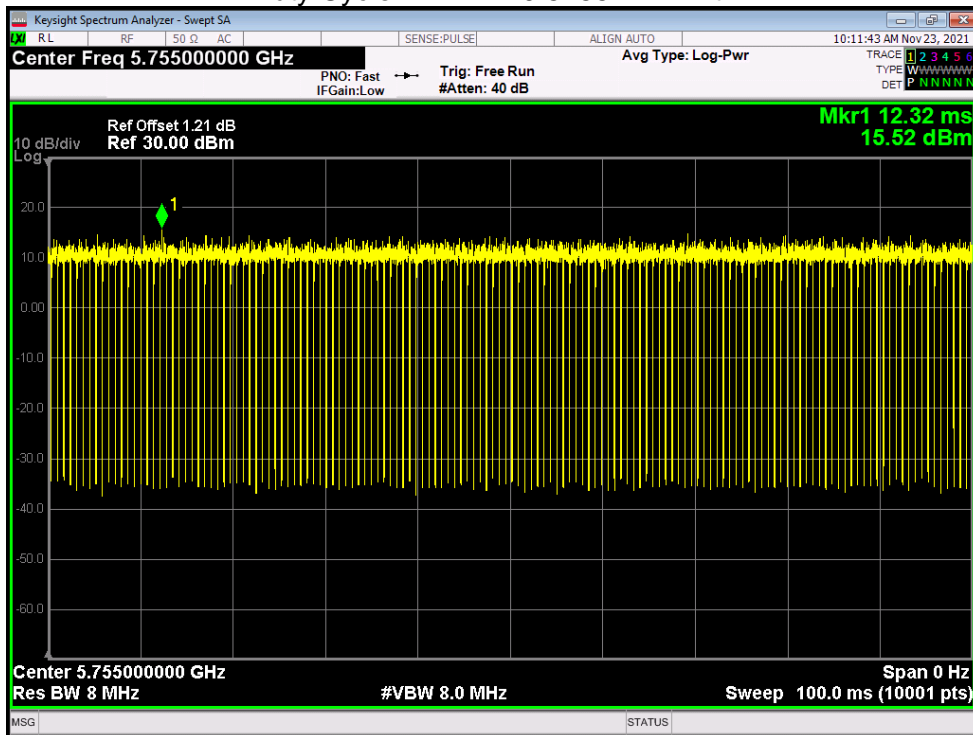




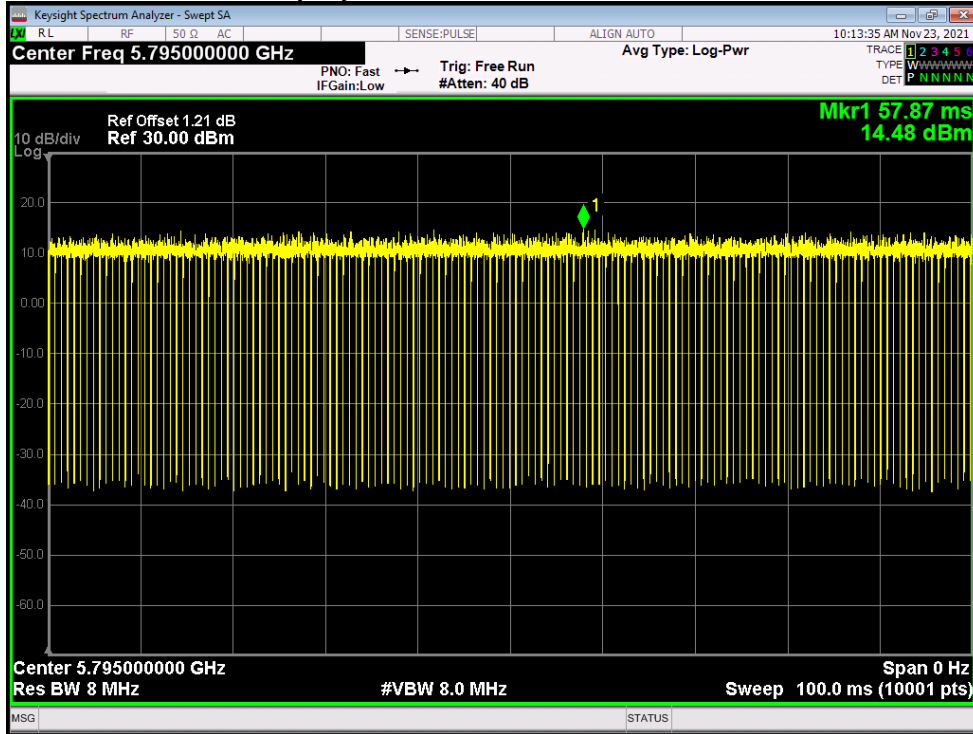
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



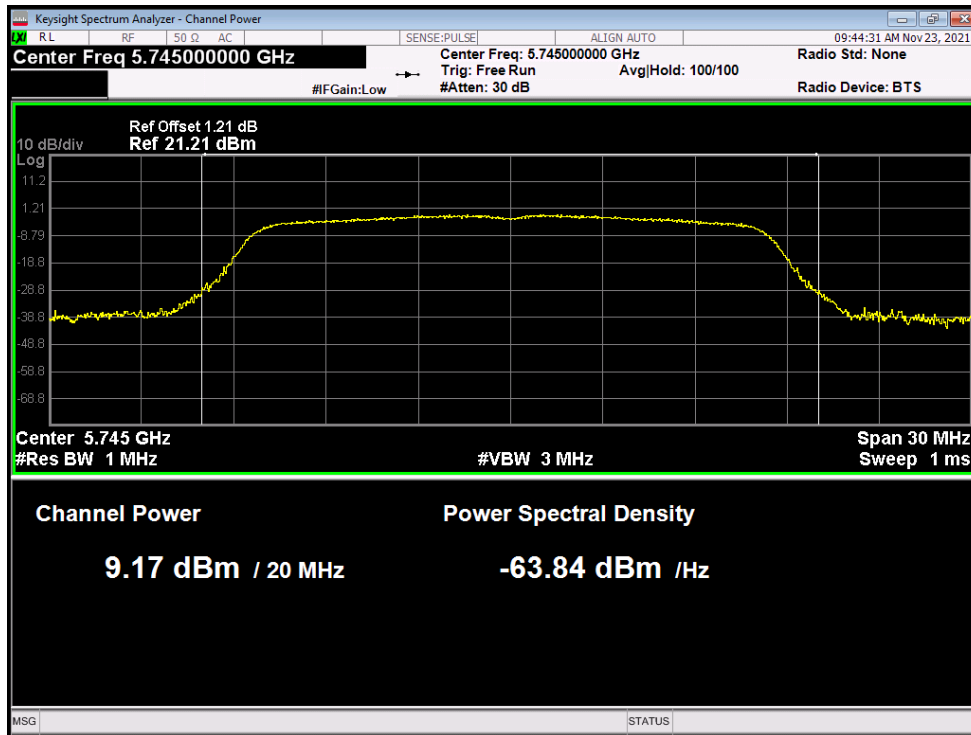
Duty Cycle NVNT n40 5795MHz Ant1



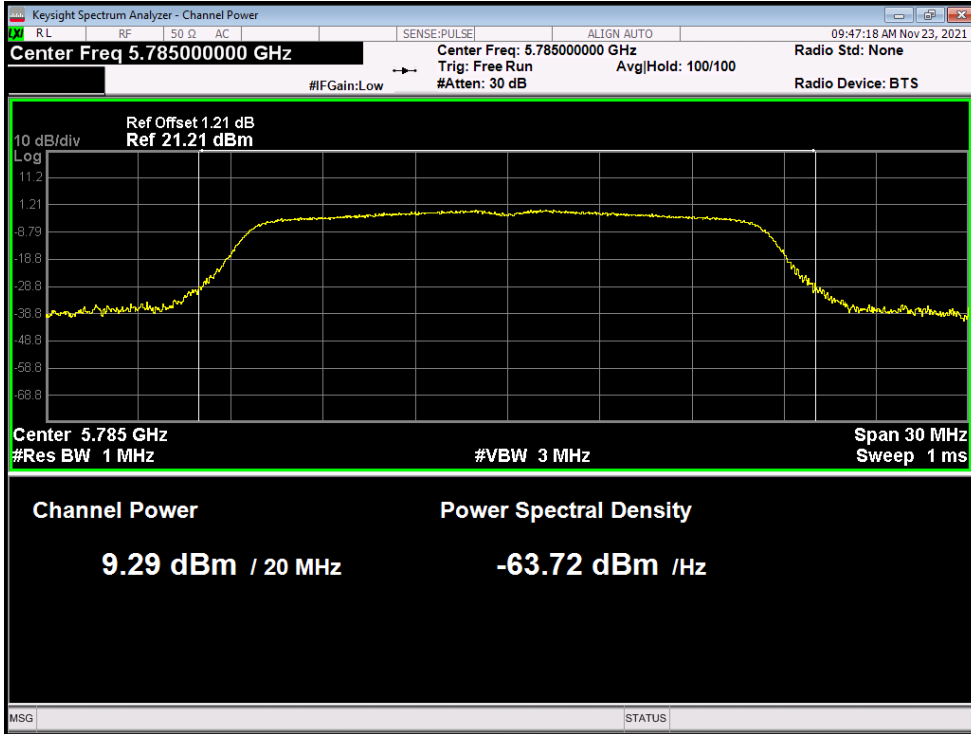
**5.2 MAXIMUM CONDUCTED OUTPUT POWER**

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	9.17	0.11	9.28	30	Pass
NVNT	a	5785	Ant1	9.295	0.11	9.405	30	Pass
NVNT	a	5825	Ant1	10.384	0.11	10.494	30	Pass
NVNT	ac20	5745	Ant1	9.344	0.11	9.454	30	Pass
NVNT	ac20	5785	Ant1	9.082	0.11	9.192	30	Pass
NVNT	ac20	5825	Ant1	9.942	0.11	10.052	30	Pass
NVNT	ac40	5755	Ant1	9.037	0.22	9.257	30	Pass
NVNT	ac40	5795	Ant1	9.152	0.22	9.372	30	Pass
NVNT	ac80	5775	Ant1	8.956	0.73	9.686	30	Pass
NVNT	n20	5745	Ant1	9.097	0.11	9.207	30	Pass
NVNT	n20	5785	Ant1	9.248	0.11	9.358	30	Pass
NVNT	n20	5825	Ant1	10.144	0.11	10.254	30	Pass
NVNT	n40	5755	Ant1	9.03	0.22	9.25	30	Pass
NVNT	n40	5795	Ant1	9.096	0.22	9.316	30	Pass

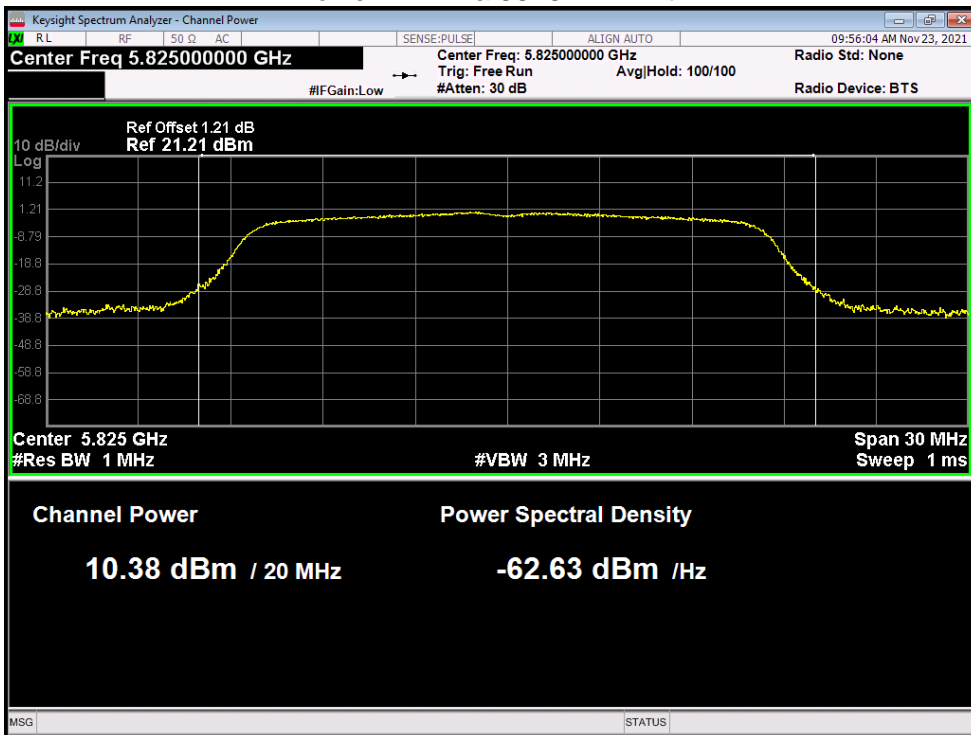
Power NVNT a 5745MHz Ant1



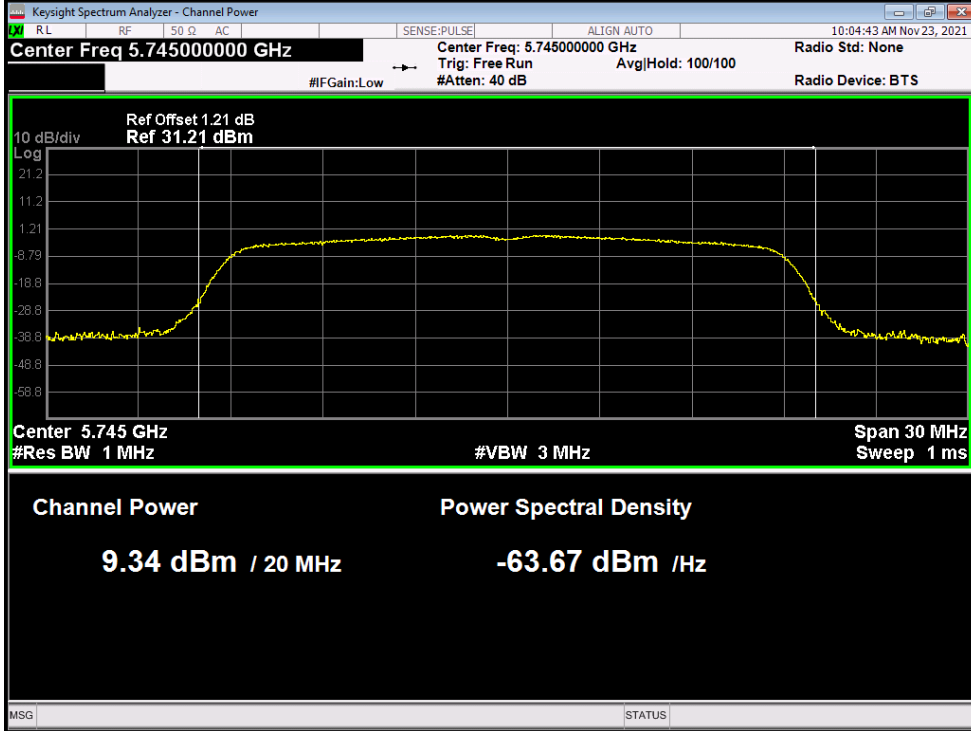
**Power NVNT a 5785MHz Ant1**



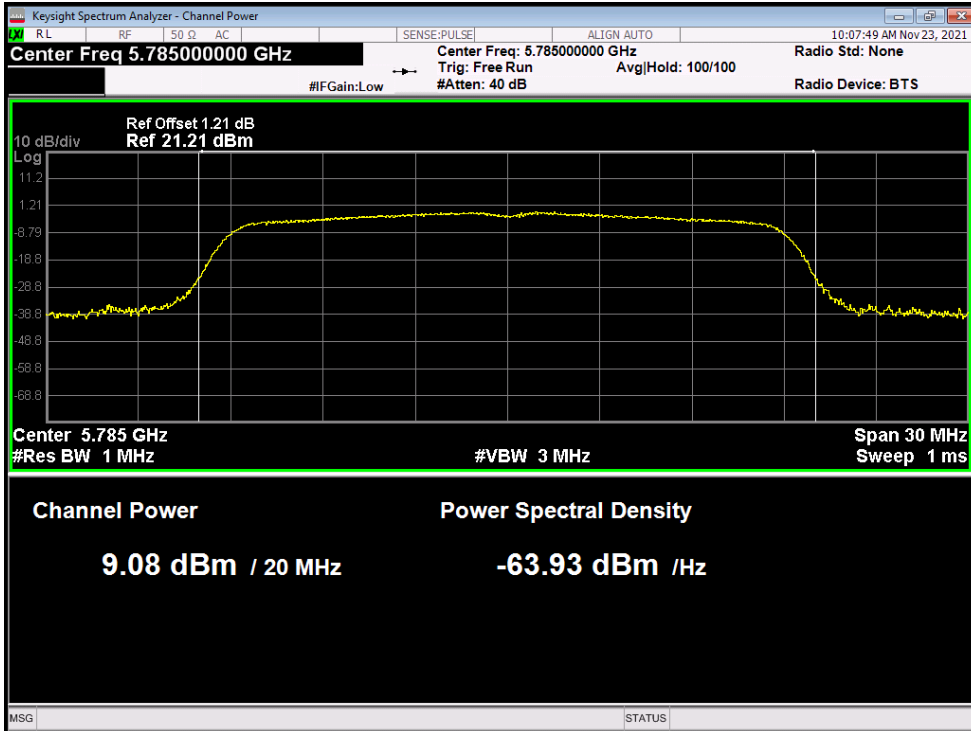
**Power NVNT a 5825MHz Ant1**



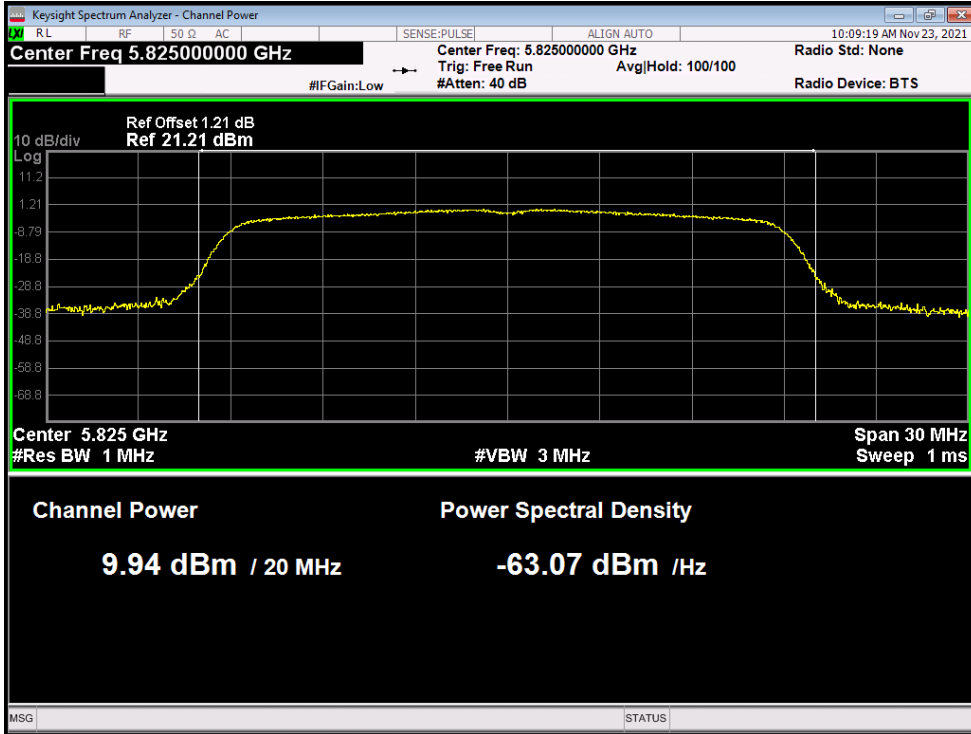
**Power NVNT ac20 5745MHz Ant1**



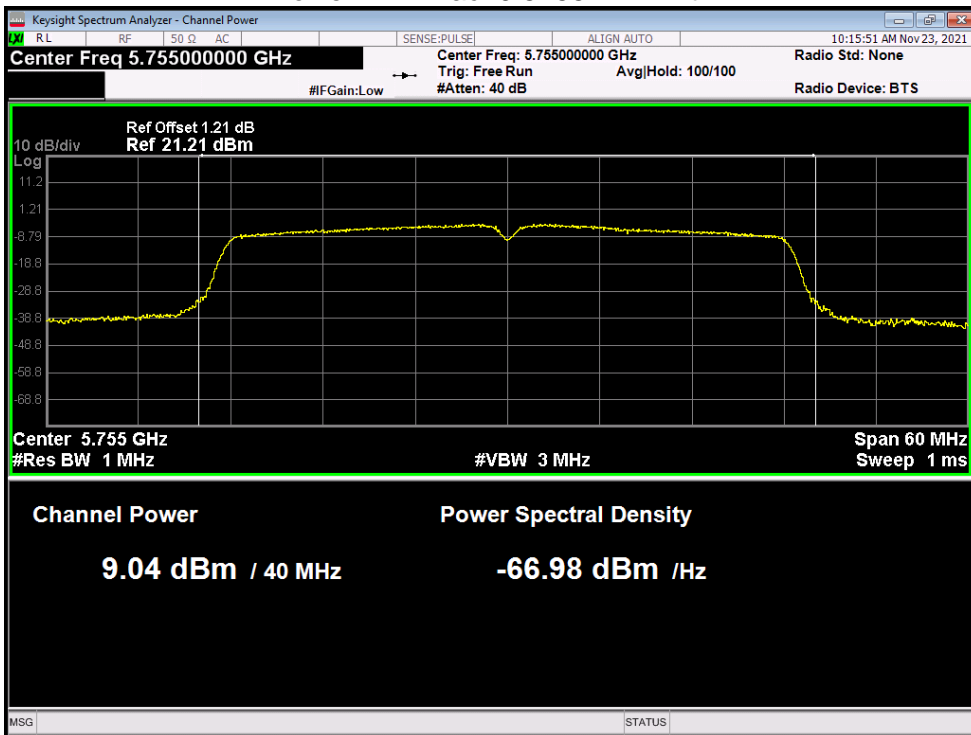
**Power NVNT ac20 5785MHz Ant1**



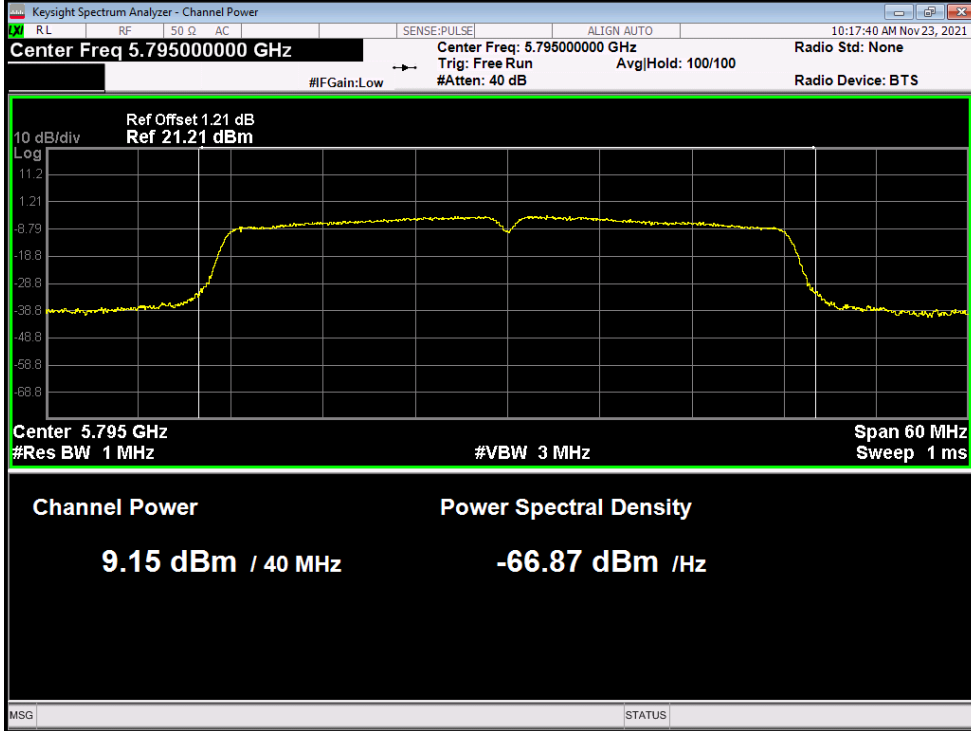
**Power NVNT ac20 5825MHz Ant1**



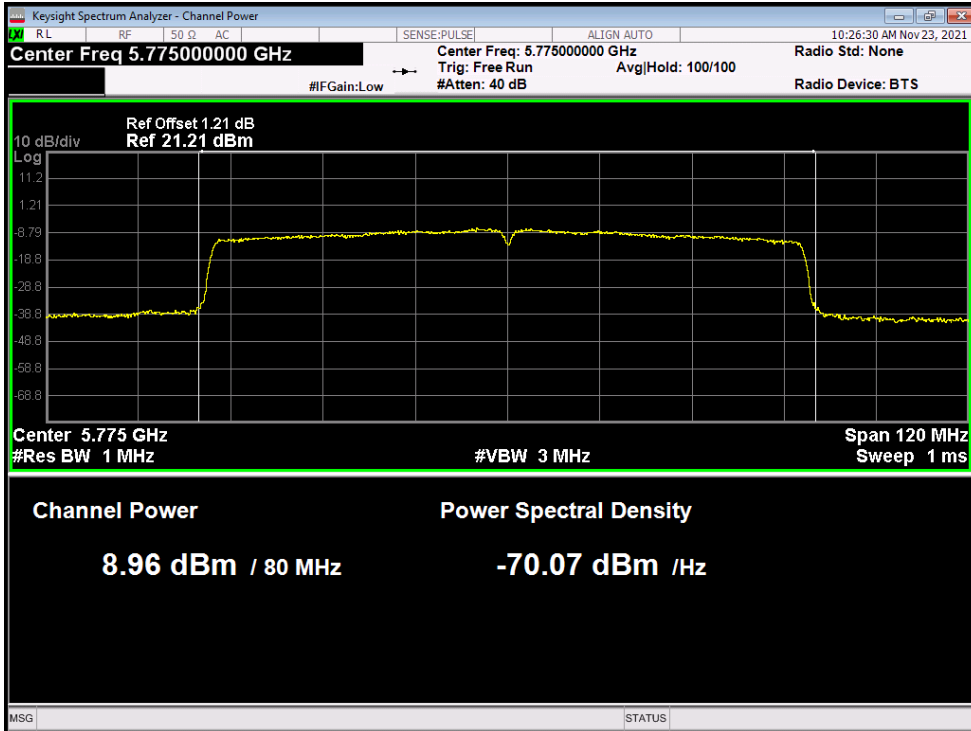
**Power NVNT ac40 5755MHz Ant1**



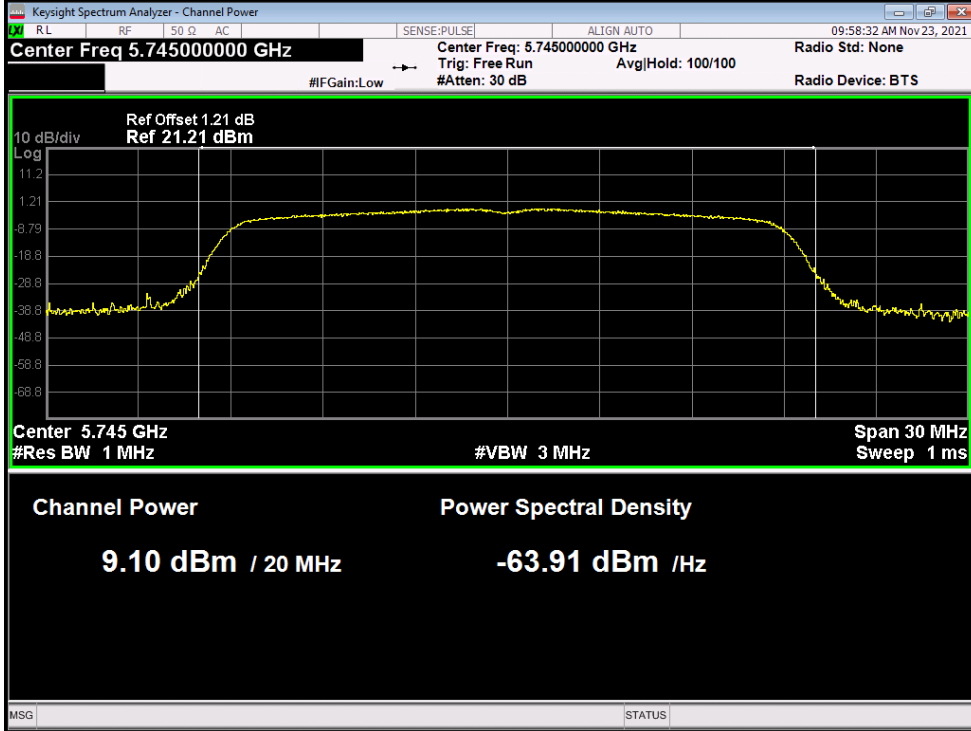
Power NVNT ac40 5795MHz Ant1



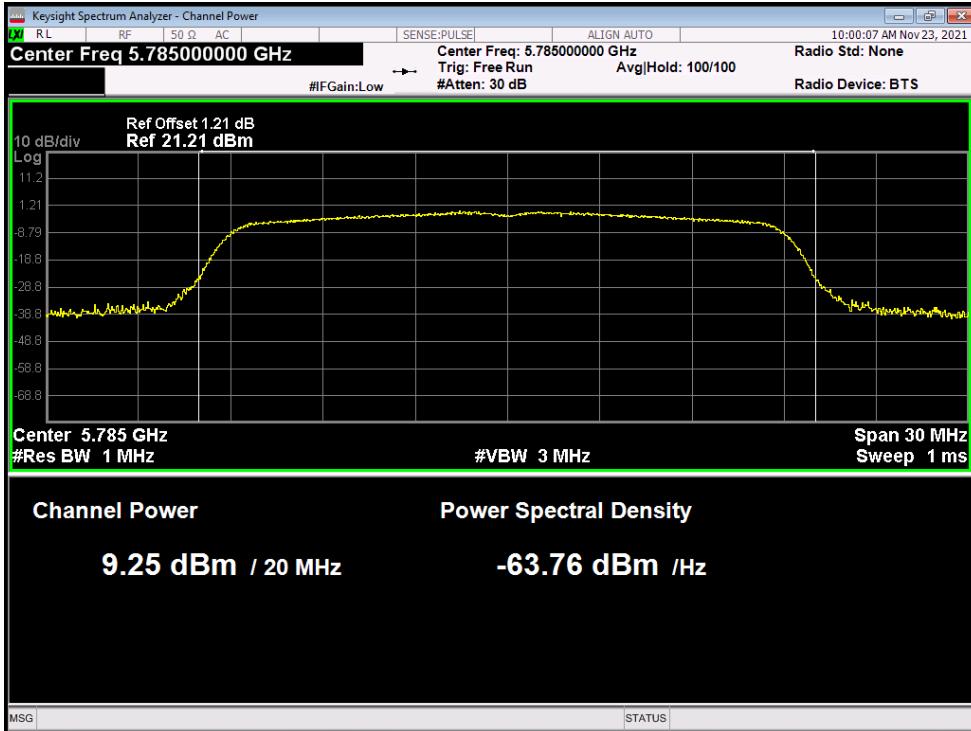
Power NVNT ac80 5775MHz Ant1



**Power NVNT n20 5745MHz Ant1**

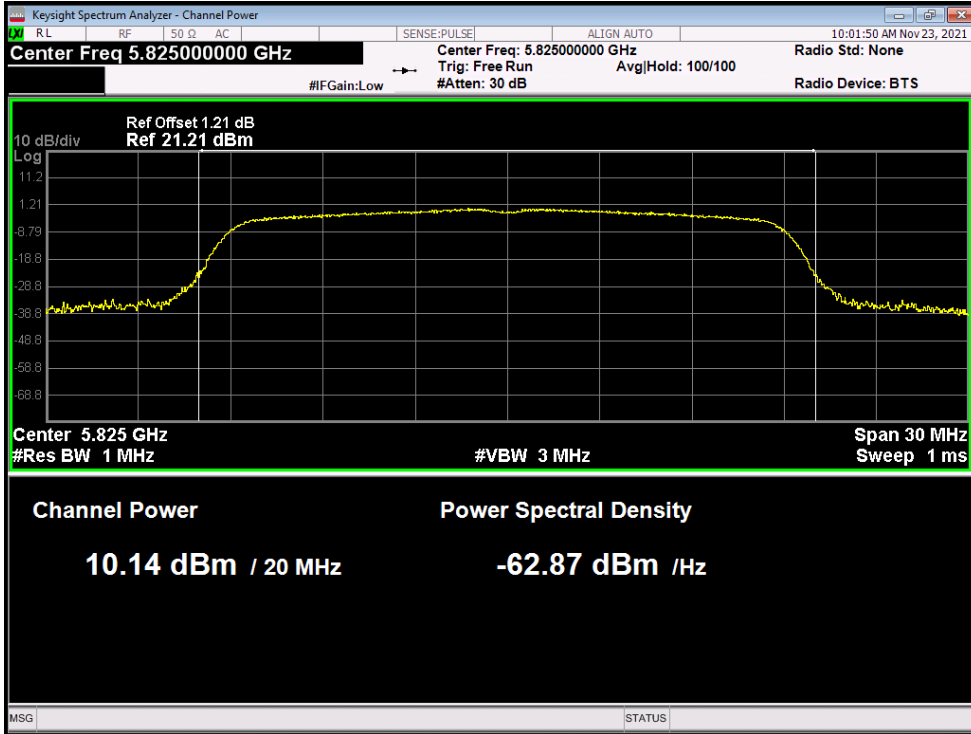


**Power NVNT n20 5785MHz Ant1**

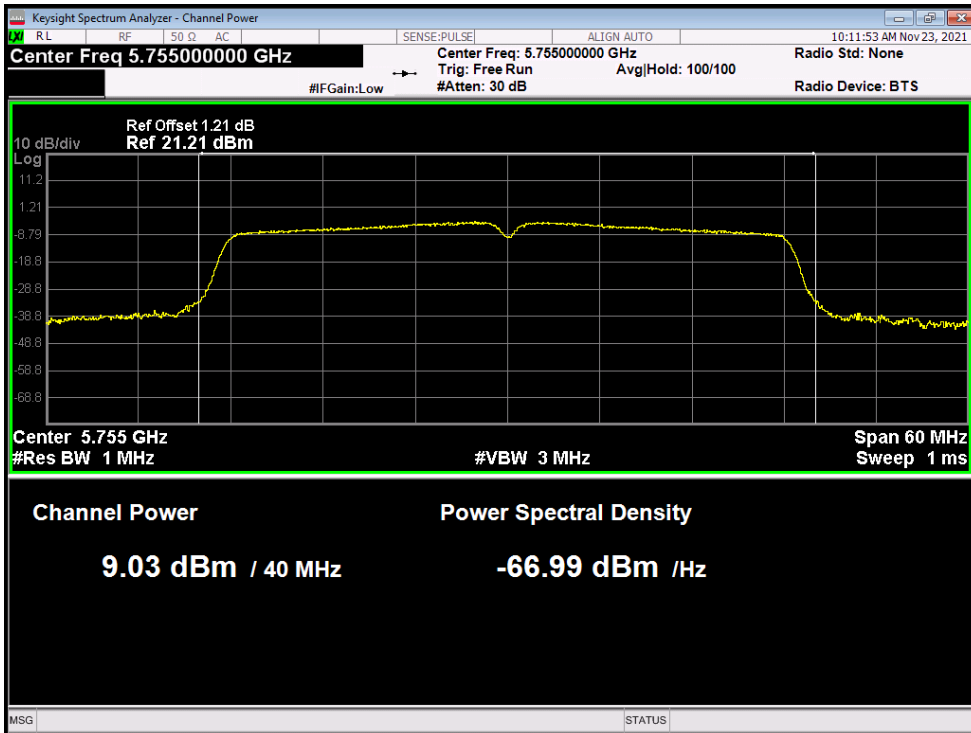




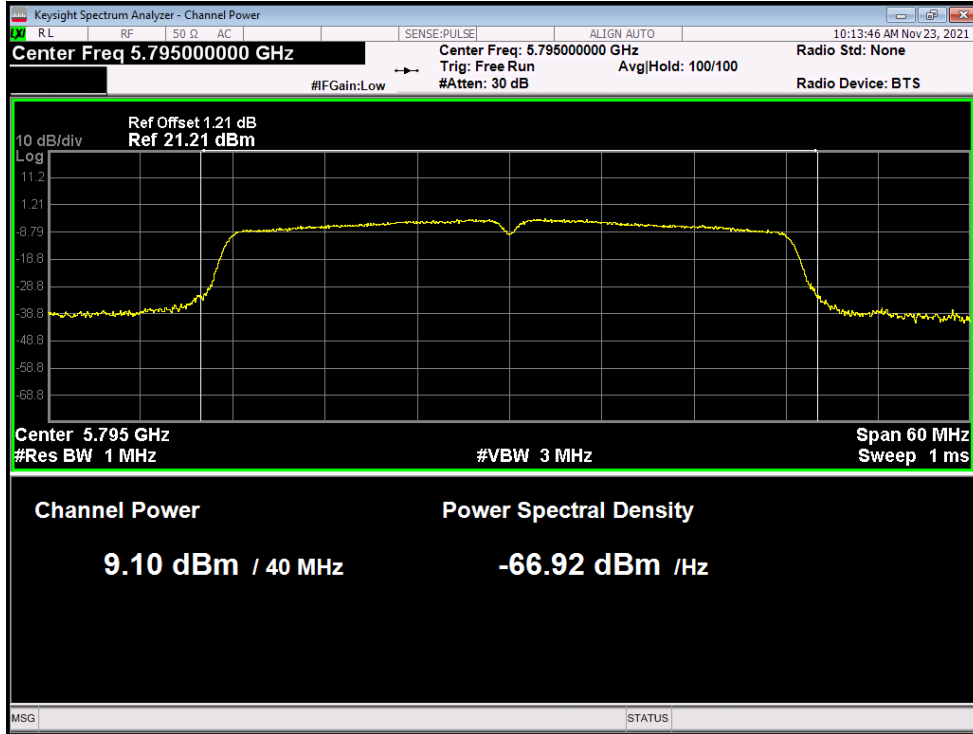
**Power NVNT n20 5825MHz Ant1**



**Power NVNT n40 5755MHz Ant1**



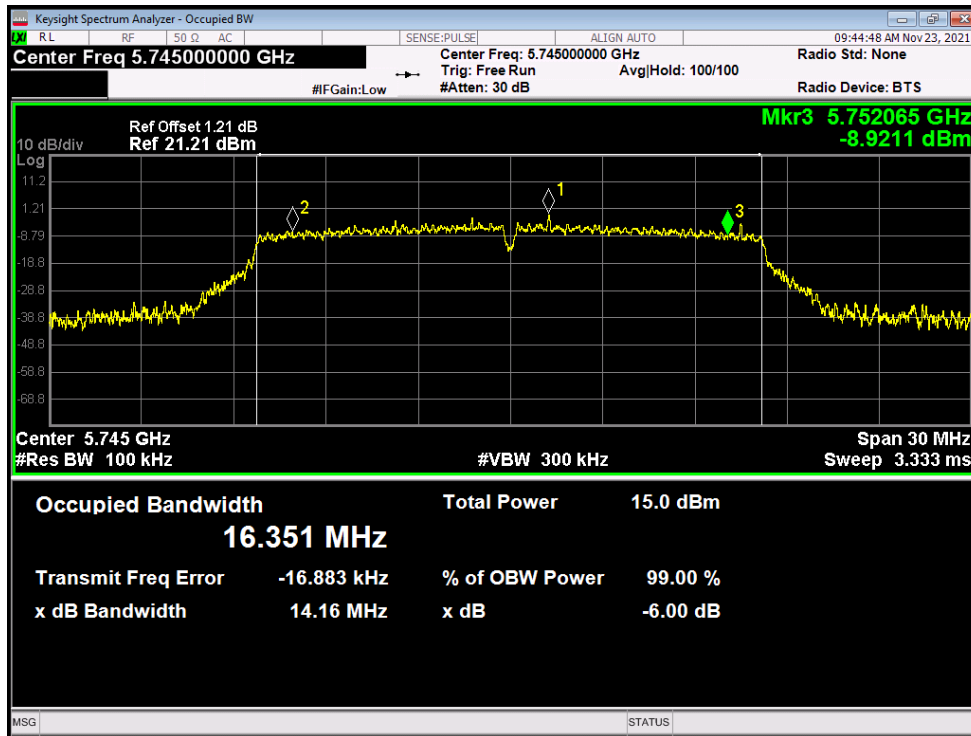
Power NVNT n40 5795MHz Ant1



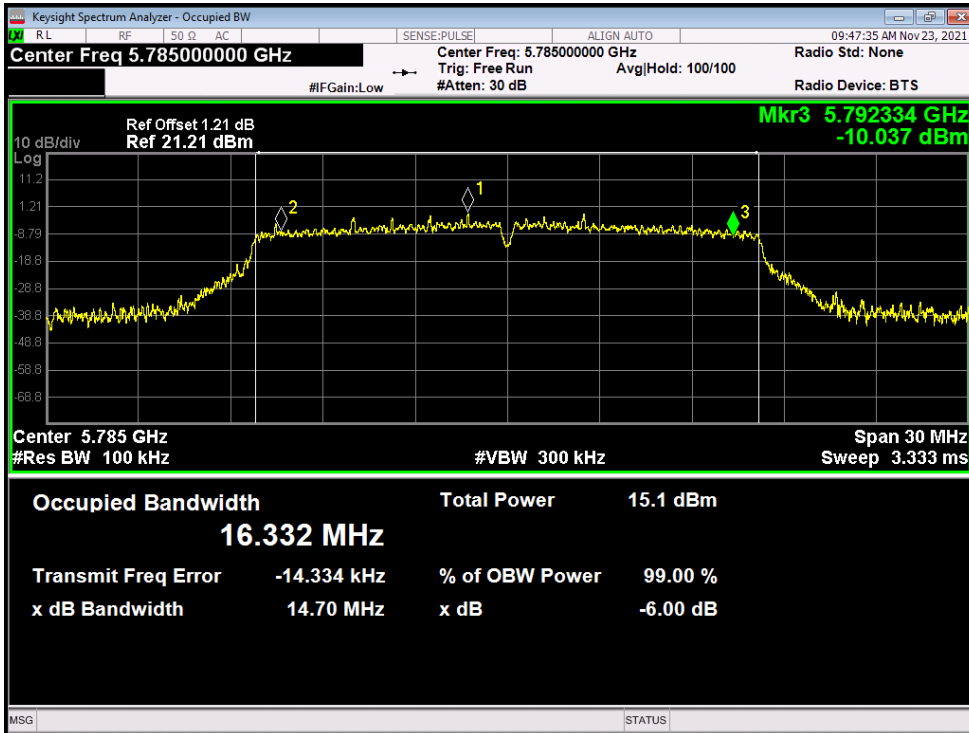
5.3 -6DB BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	14.164	0.5	Pass
NVNT	a	5785	Ant1	14.698	0.5	Pass
NVNT	a	5825	Ant1	15.037	0.5	Pass
NVNT	ac20	5745	Ant1	13.828	0.5	Pass
NVNT	ac20	5785	Ant1	15.617	0.5	Pass
NVNT	ac20	5825	Ant1	15.062	0.5	Pass
NVNT	ac40	5755	Ant1	35.086	0.5	Pass
NVNT	ac40	5795	Ant1	33.834	0.5	Pass
NVNT	ac80	5775	Ant1	75.12	0.5	Pass
NVNT	n20	5745	Ant1	15.112	0.5	Pass
NVNT	n20	5785	Ant1	15.047	0.5	Pass
NVNT	n20	5825	Ant1	15.472	0.5	Pass
NVNT	n40	5755	Ant1	35.067	0.5	Pass
NVNT	n40	5795	Ant1	35.101	0.5	Pass

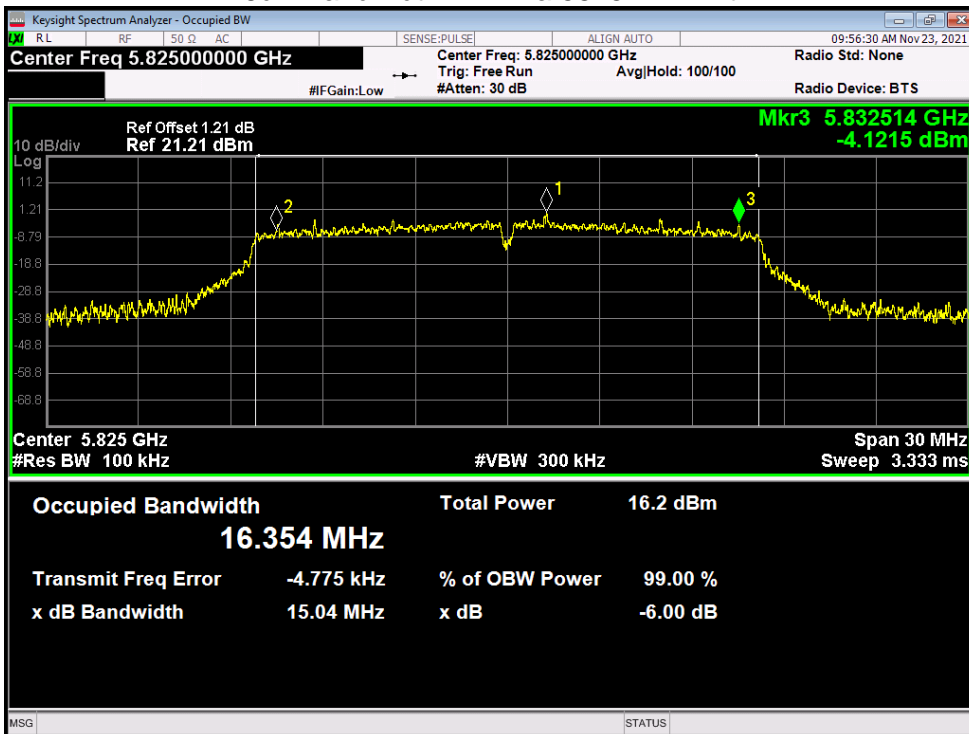
-6dB Bandwidth NVNT a 5745MHz Ant1



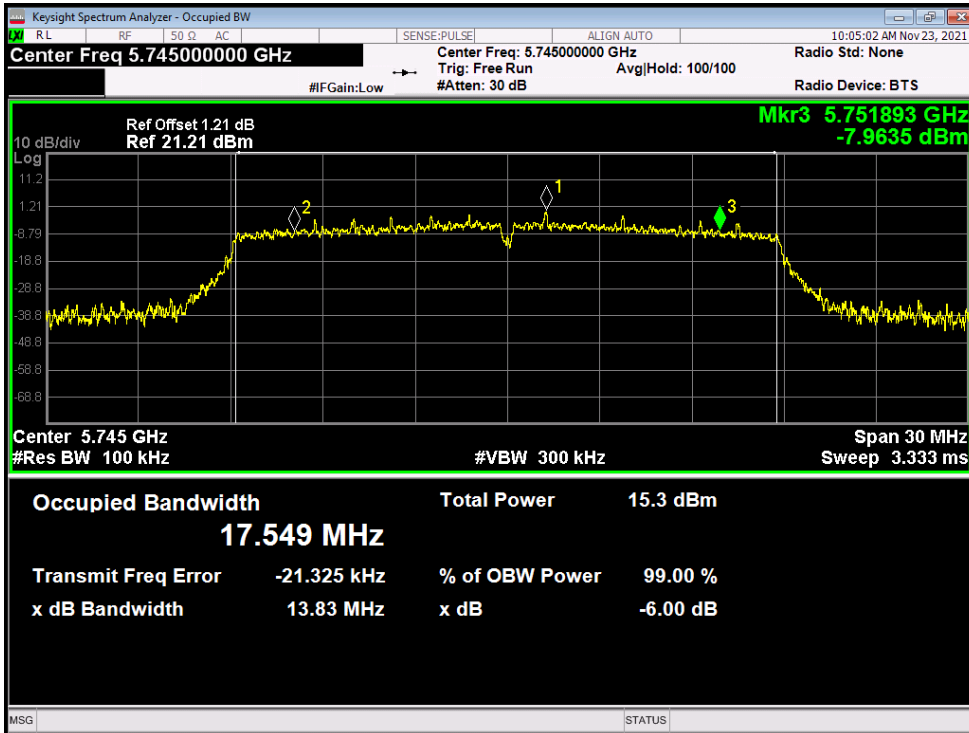
-6dB Bandwidth NVNT a 5785MHz Ant1



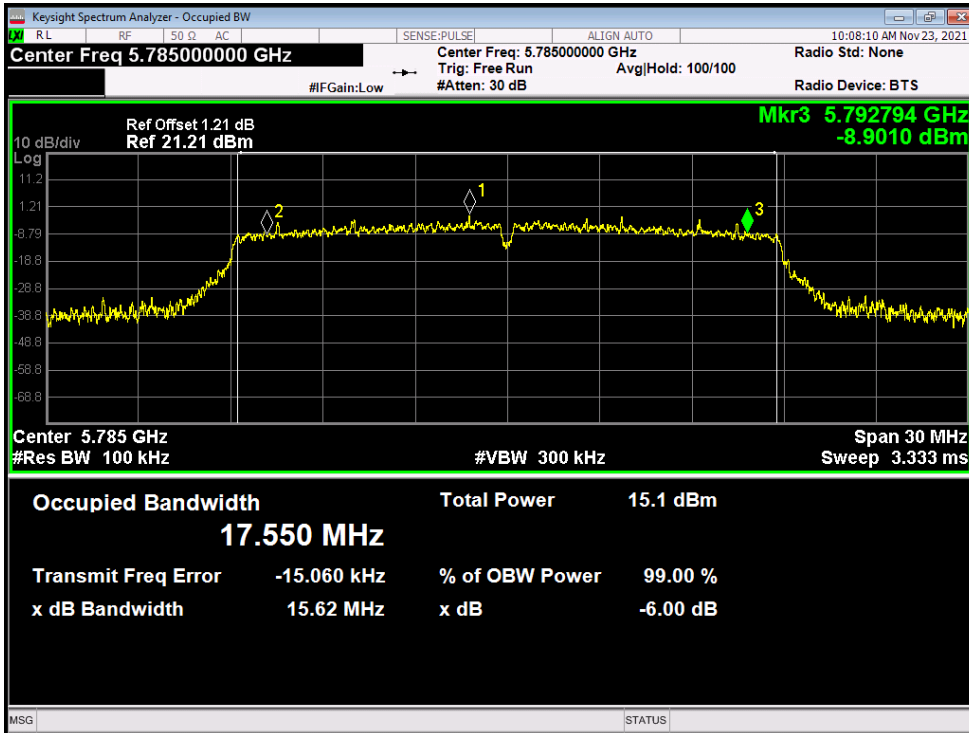
-6dB Bandwidth NVNT a 5825MHz Ant1



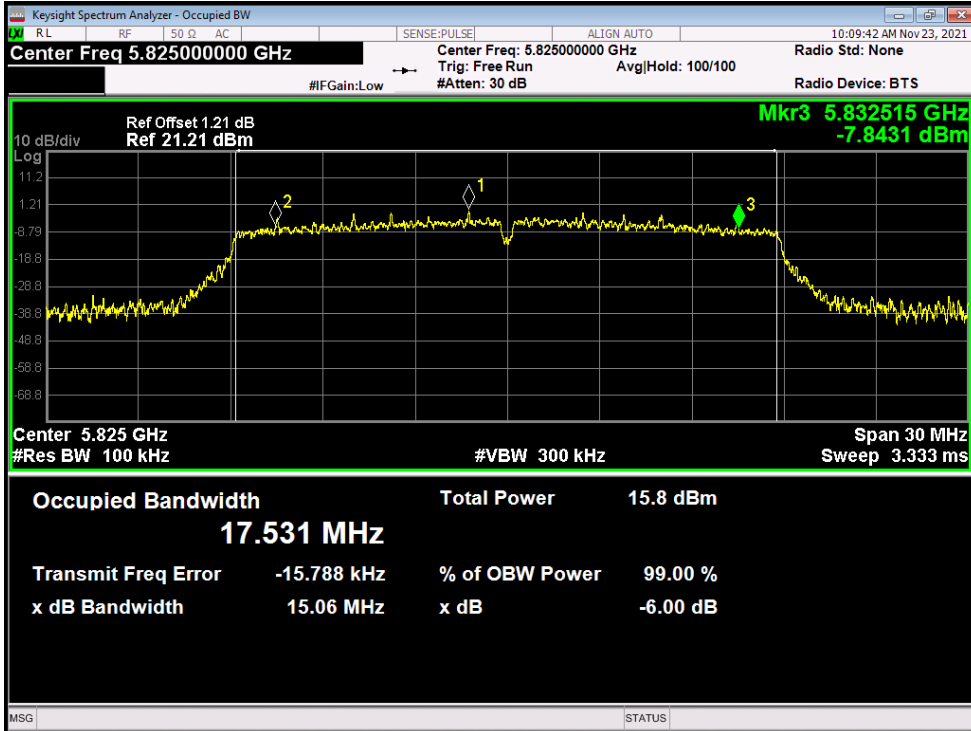
-6dB Bandwidth NVNT ac20 5745MHz Ant1



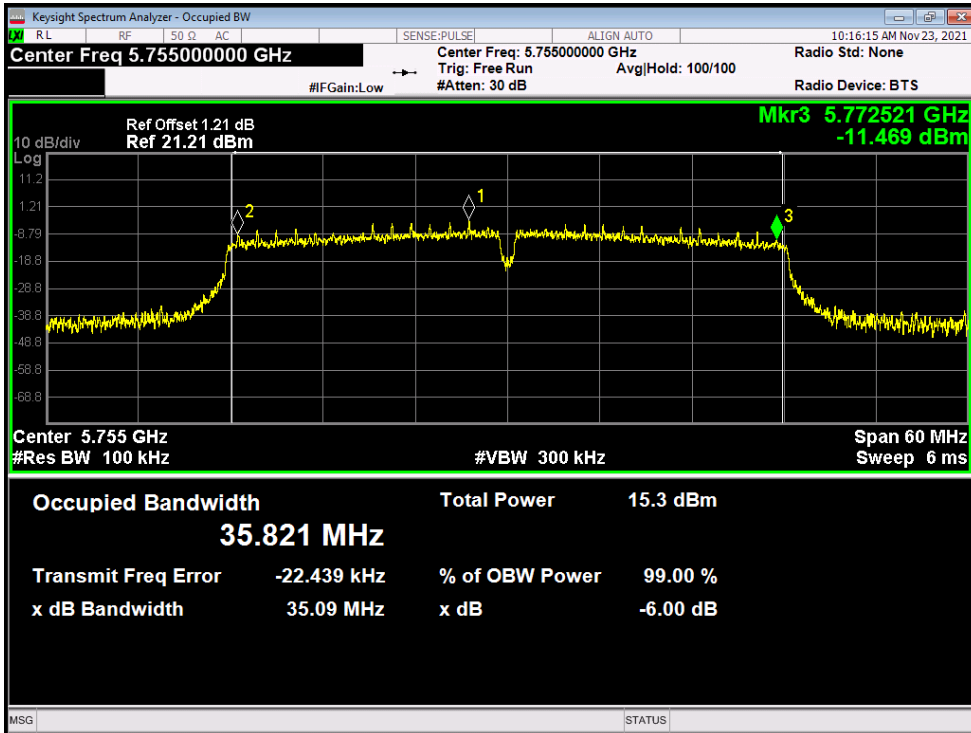
-6dB Bandwidth NVNT ac20 5785MHz Ant1



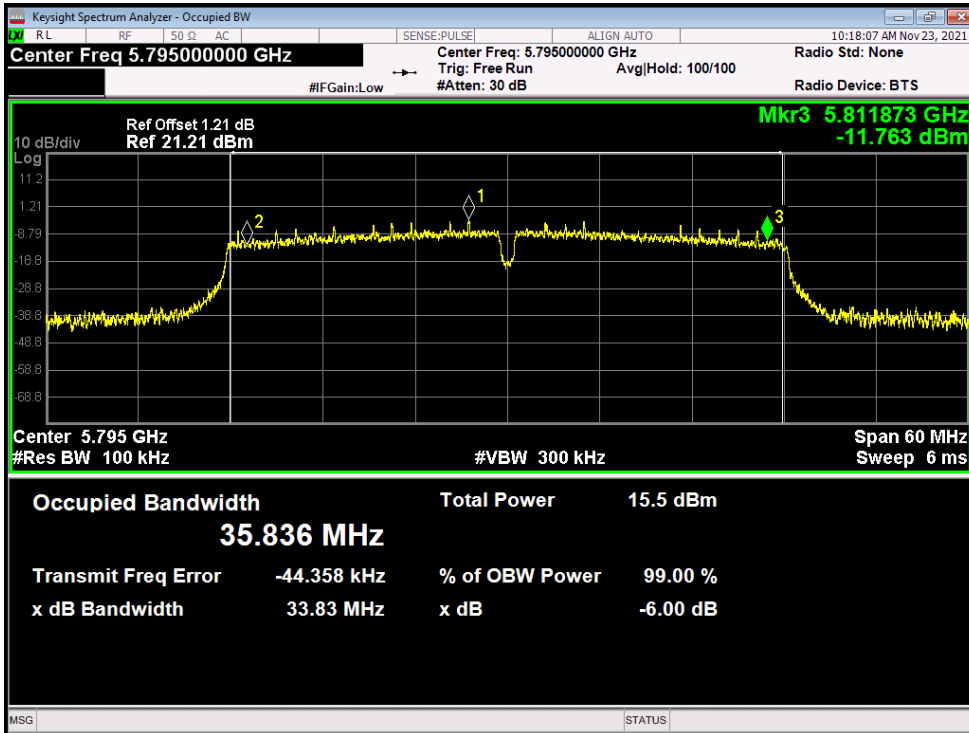
-6dB Bandwidth NVNT ac20 5825MHz Ant1



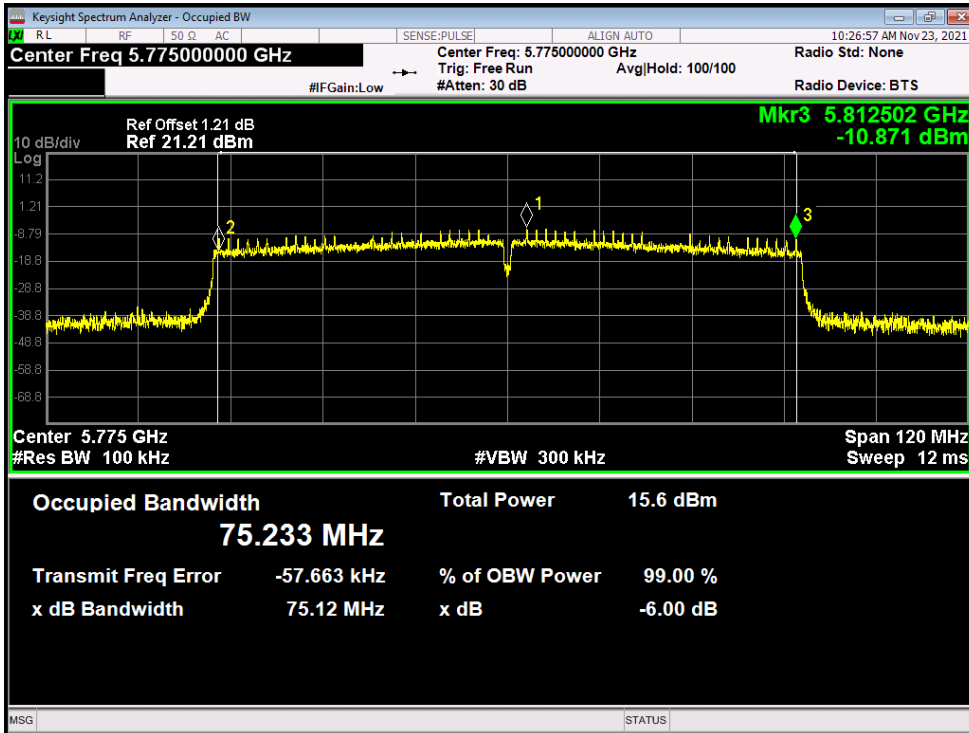
-6dB Bandwidth NVNT ac40 5755MHz Ant1



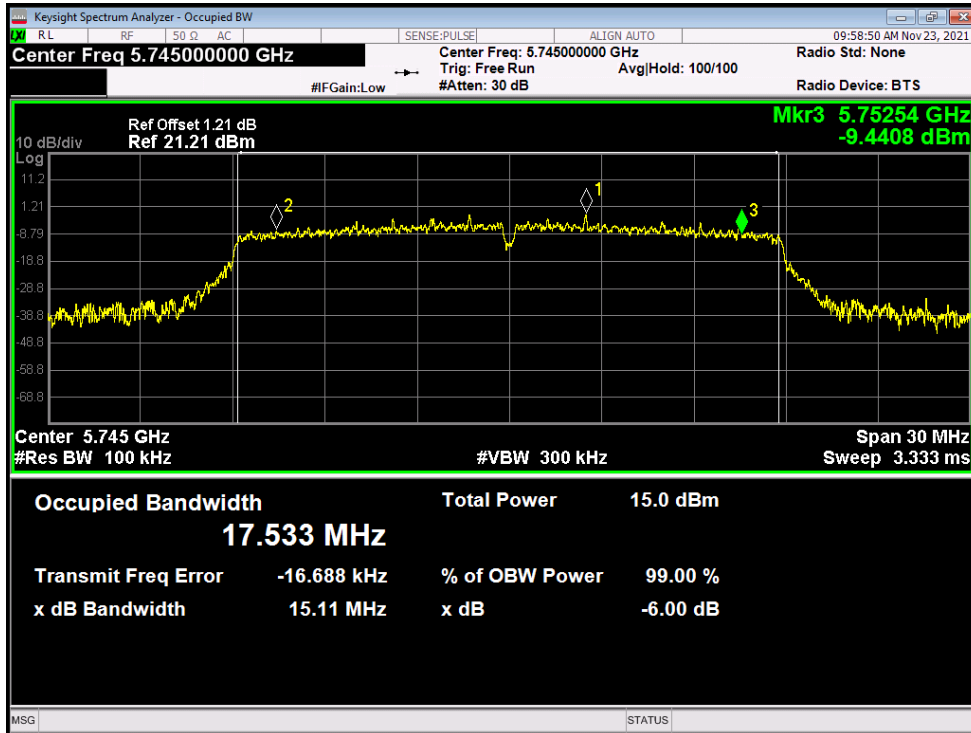
-6dB Bandwidth NVNT ac40 5795MHz Ant1



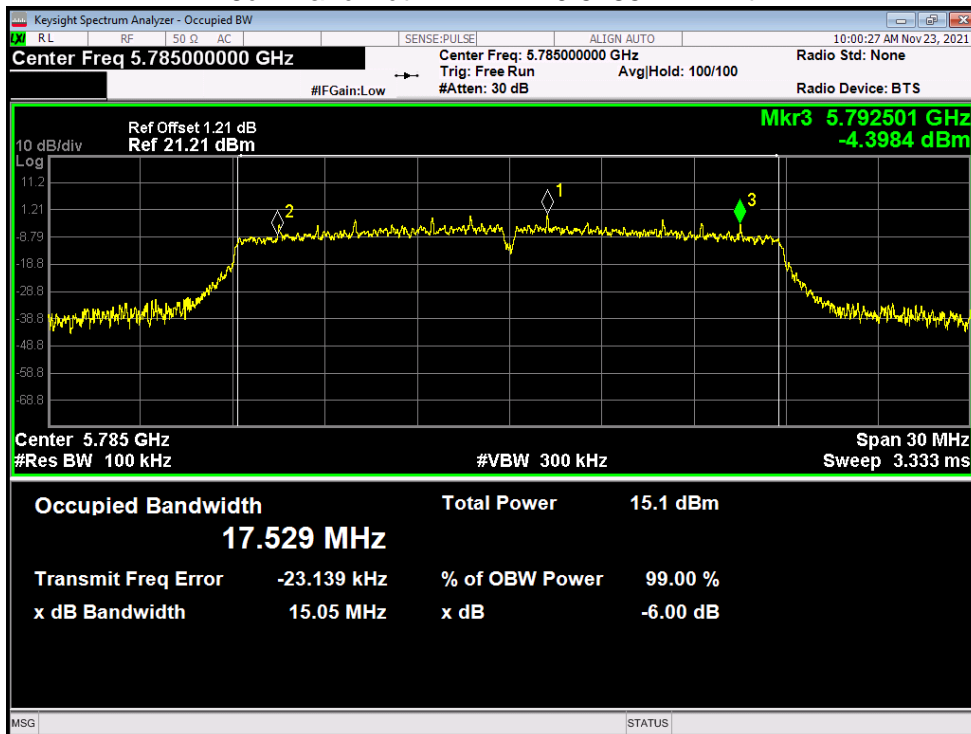
-6dB Bandwidth NVNT ac80 5775MHz Ant1



-6dB Bandwidth NVNT n20 5745MHz Ant1

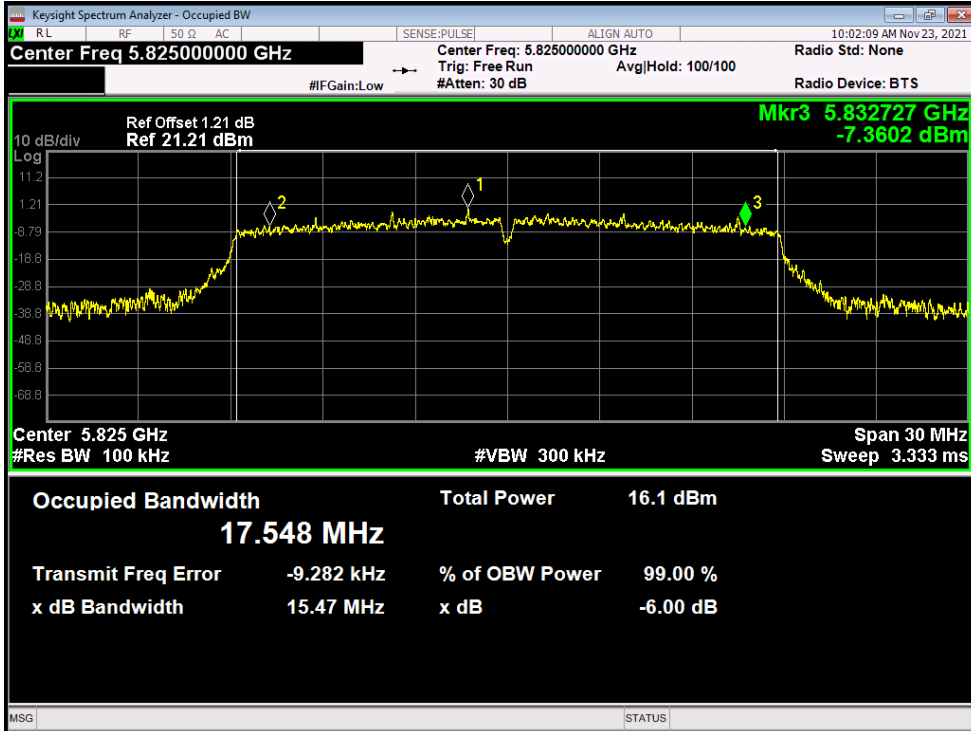


-6dB Bandwidth NVNT n20 5785MHz Ant1

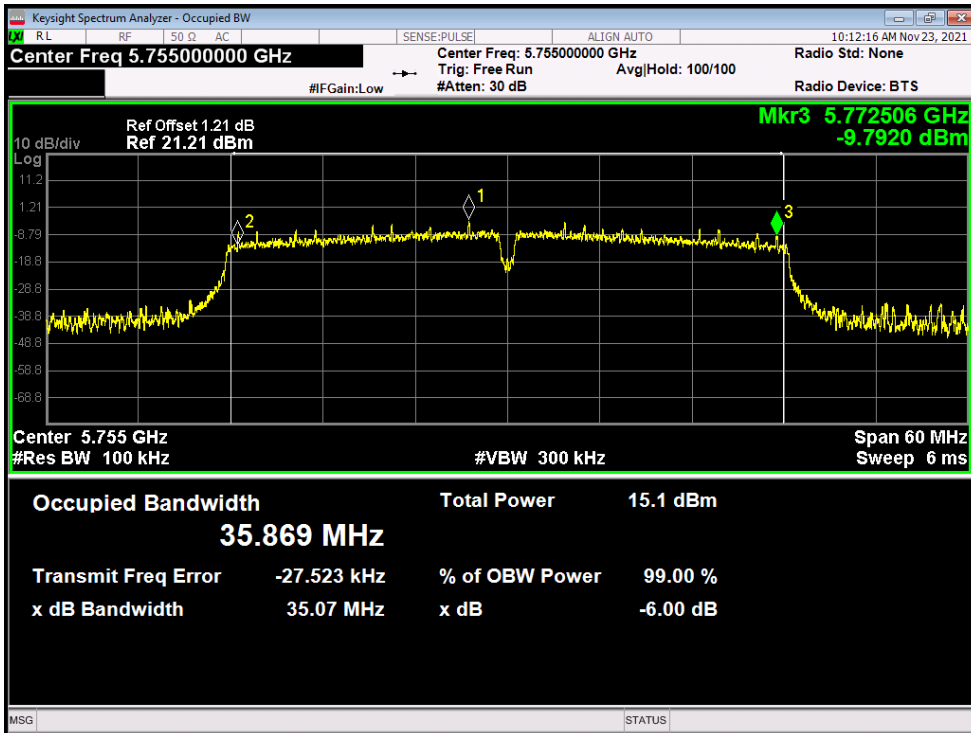




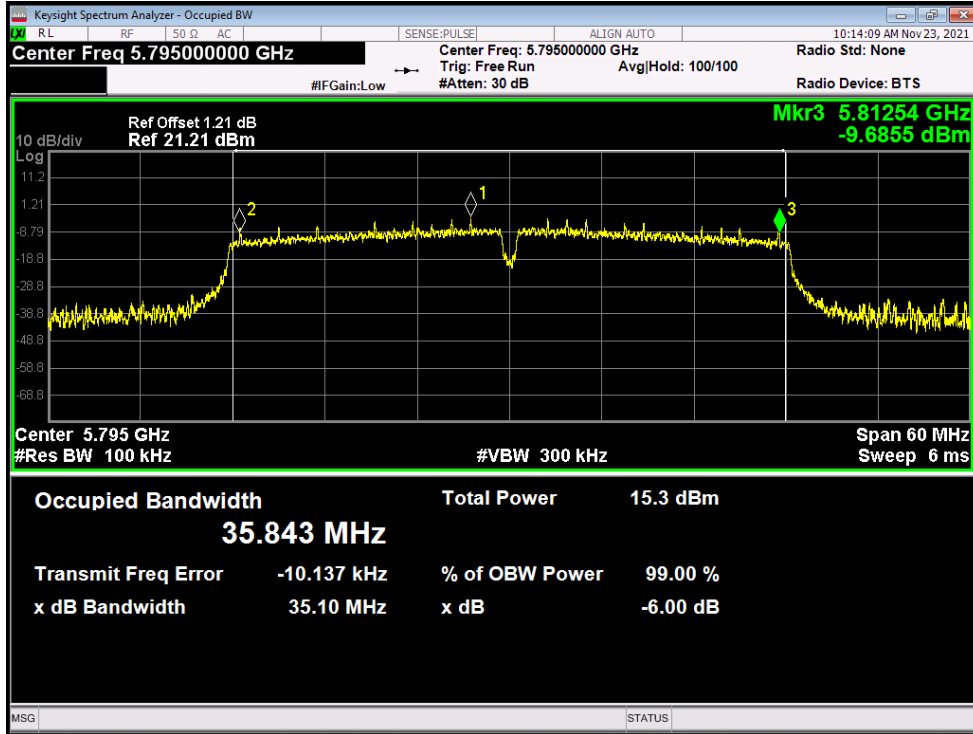
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



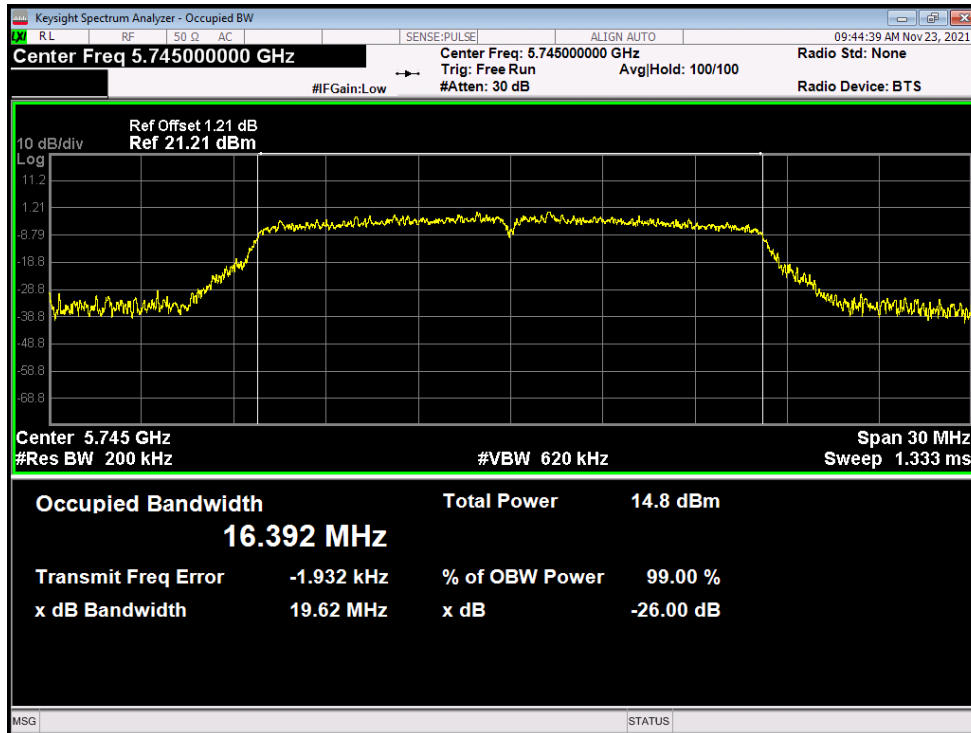
-6dB Bandwidth NVNT n40 5795MHz Ant1



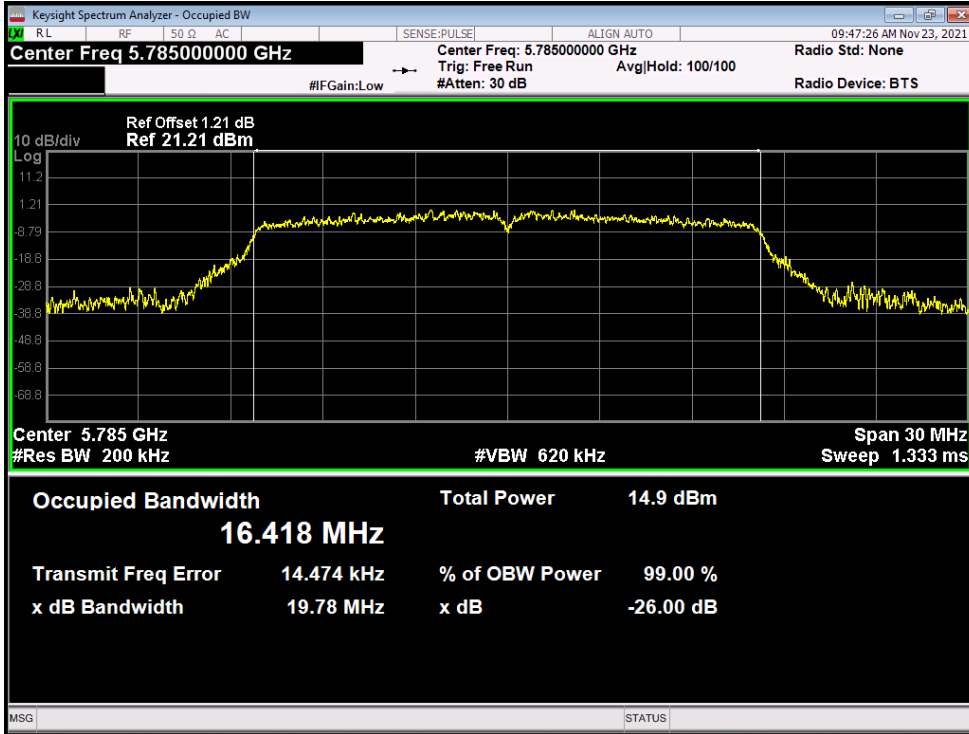
5.4 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.392
NVNT	a	5785	Ant1	16.418
NVNT	a	5825	Ant1	16.43
NVNT	ac20	5745	Ant1	17.563
NVNT	ac20	5785	Ant1	17.566
NVNT	ac20	5825	Ant1	17.556
NVNT	ac40	5755	Ant1	35.99
NVNT	ac40	5795	Ant1	36.004
NVNT	ac80	5775	Ant1	75.357
NVNT	n20	5745	Ant1	17.548
NVNT	n20	5785	Ant1	17.516
NVNT	n20	5825	Ant1	17.562
NVNT	n40	5755	Ant1	36.026
NVNT	n40	5795	Ant1	36.008

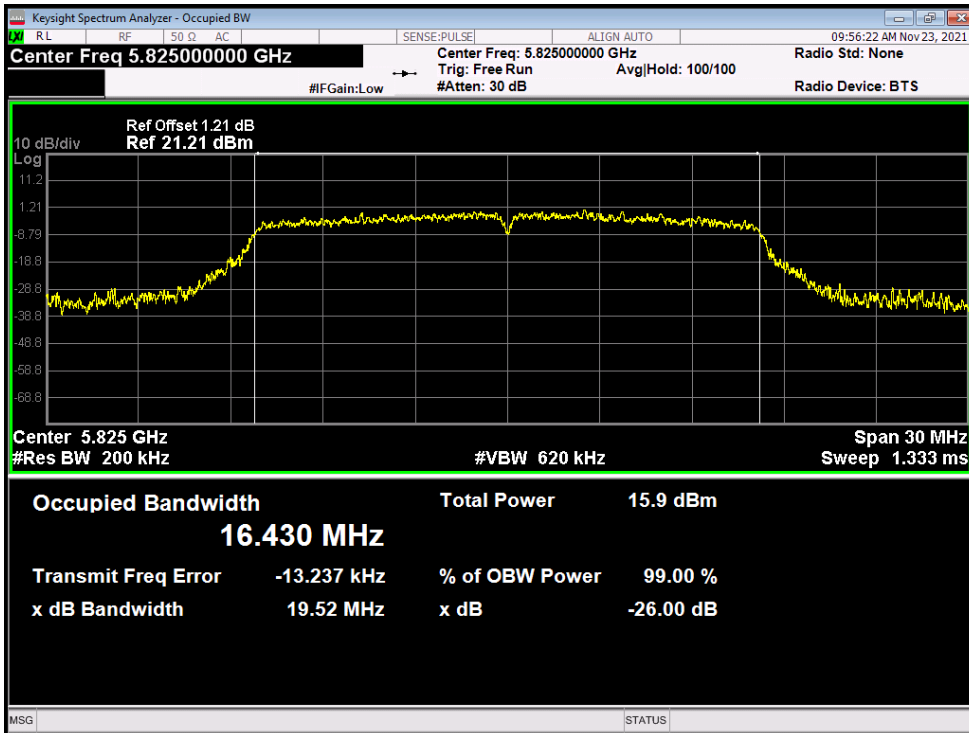
OBW NVNT a 5745MHz Ant1



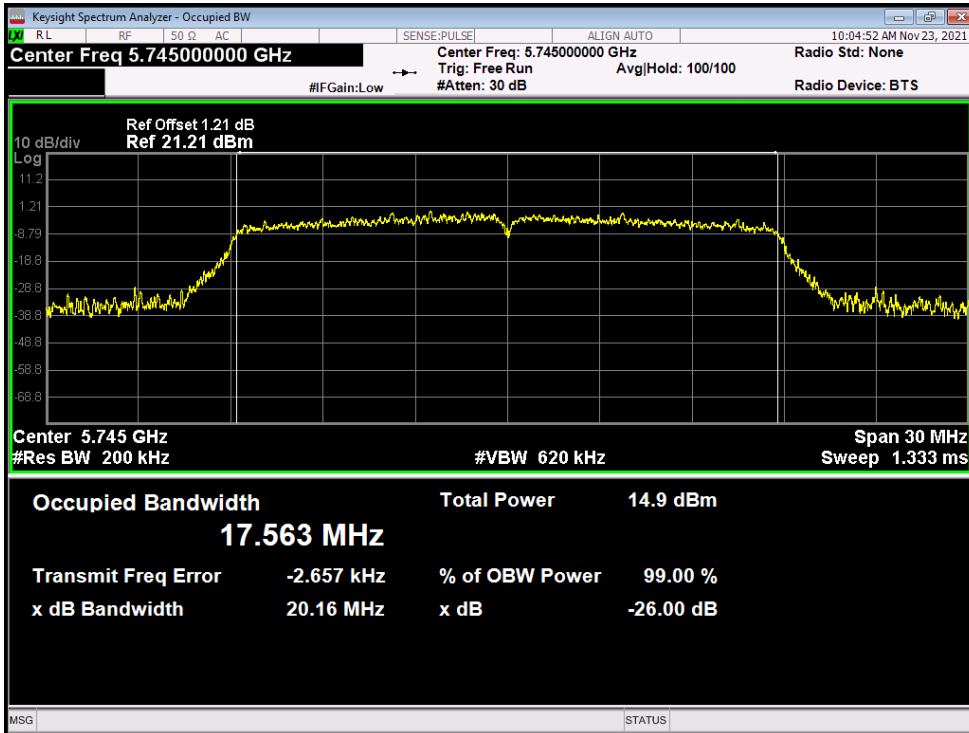
OBW NVNT a 5785MHz Ant1



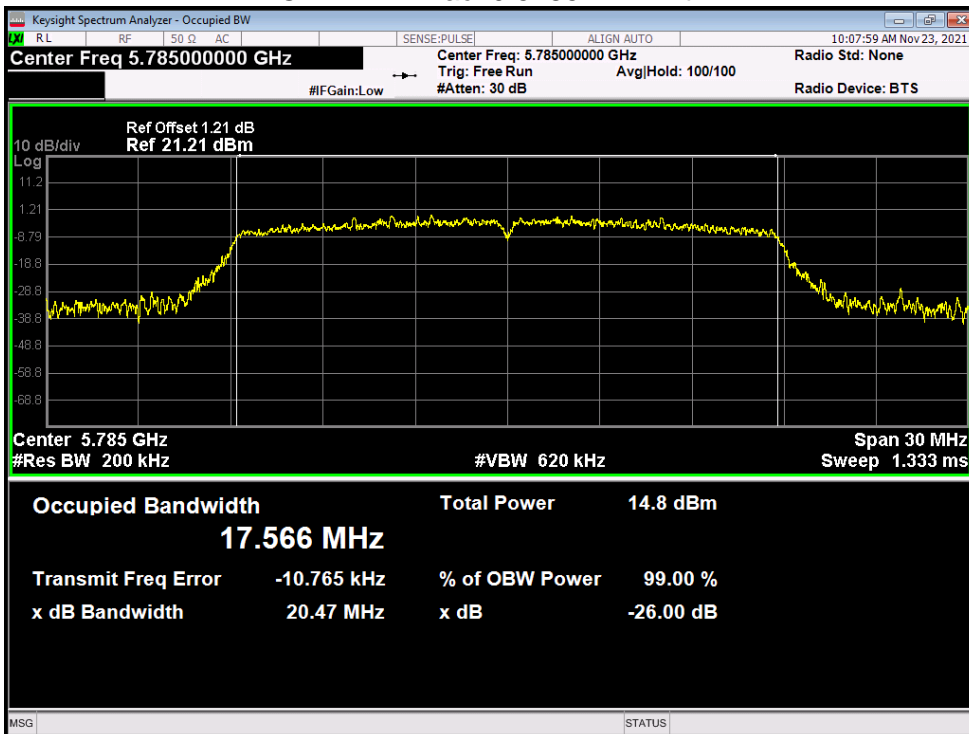
OBW NVNT a 5825MHz Ant1



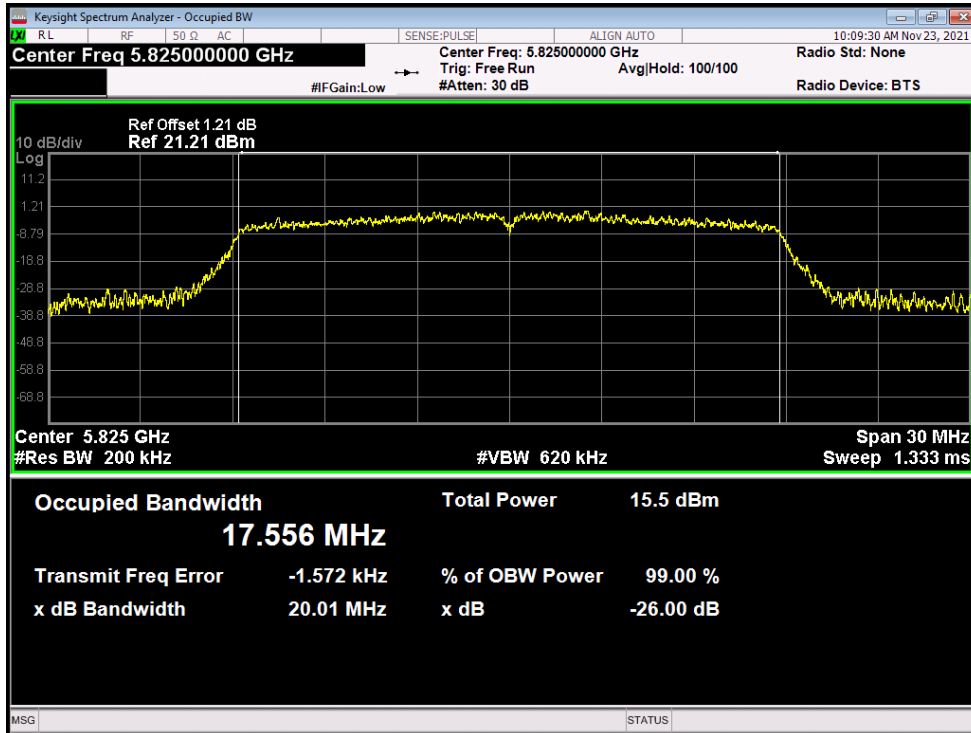
OBW NVNT ac20 5745MHz Ant1



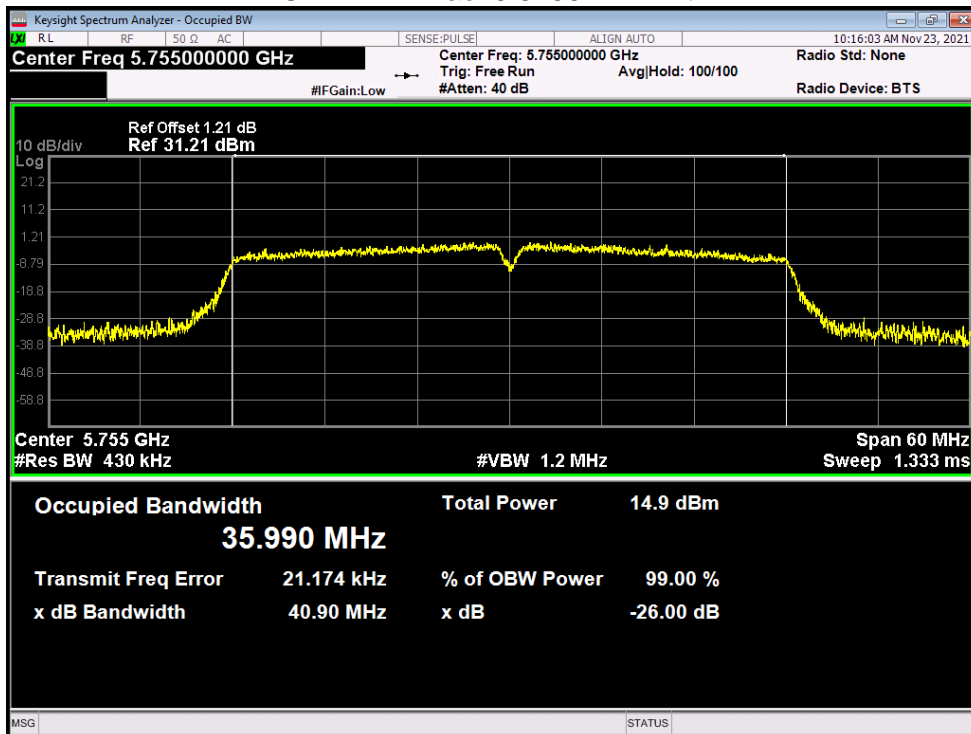
OBW NVNT ac20 5785MHz Ant1



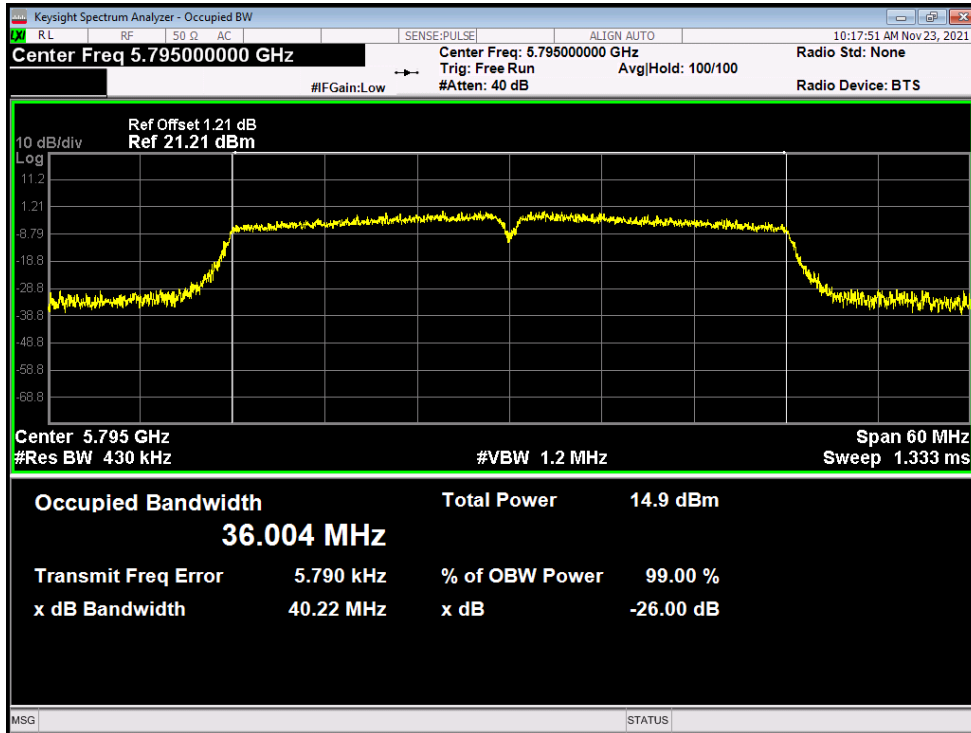
OBW NVNT ac20 5825MHz Ant1



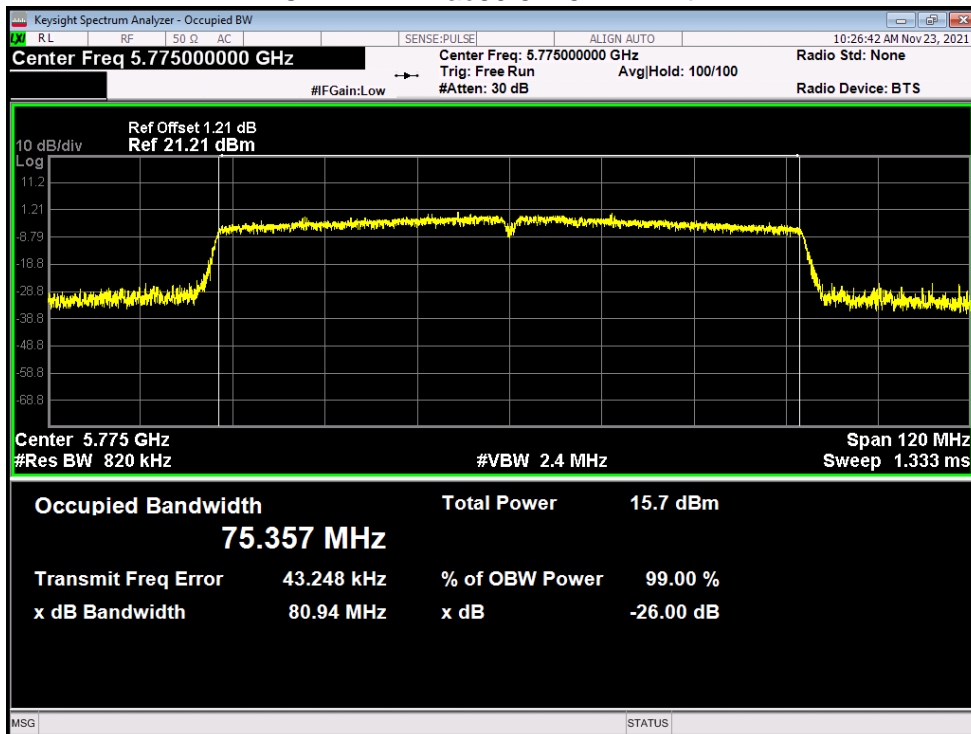
OBW NVNT ac40 5755MHz Ant1



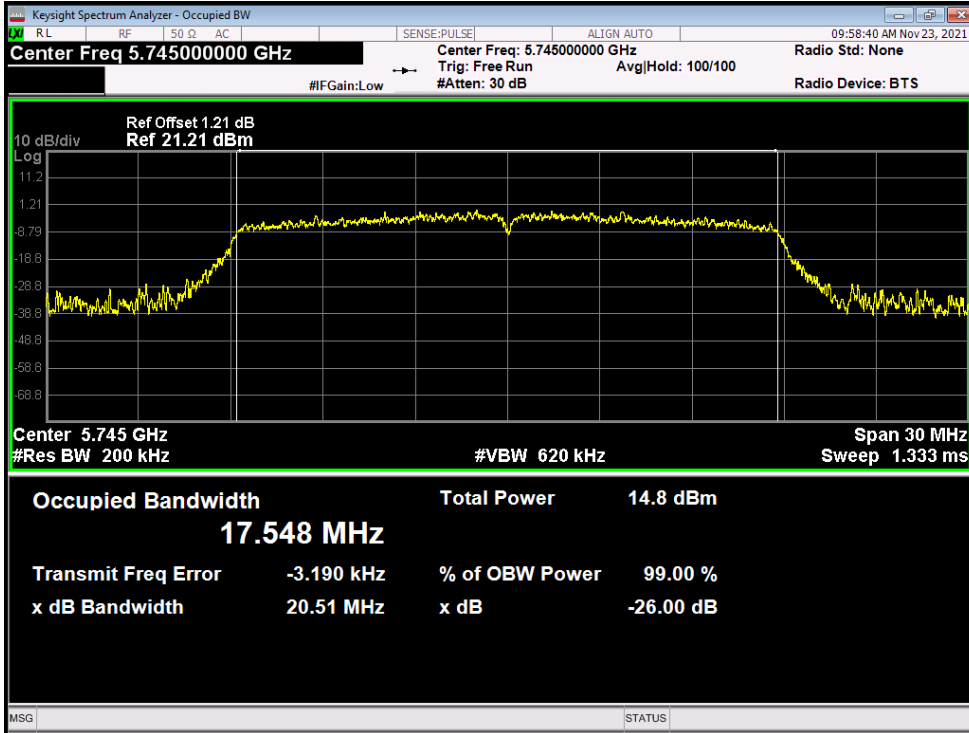
OBW NVNT ac40 5795MHz Ant1



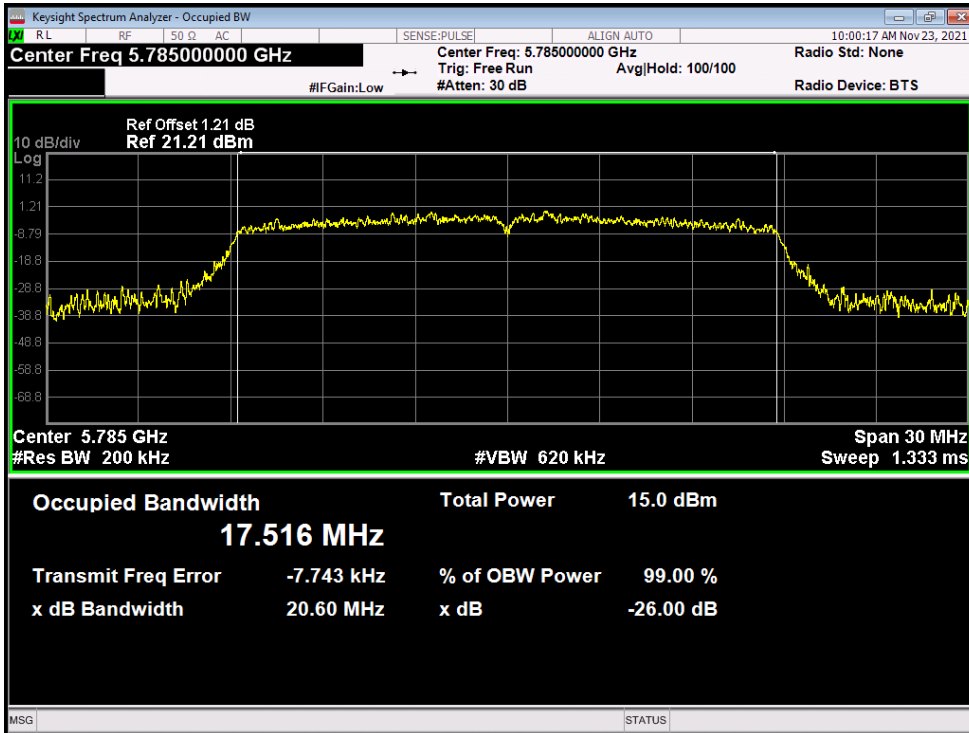
OBW NVNT ac80 5775MHz Ant1



OBW NVNT n20 5745MHz Ant1

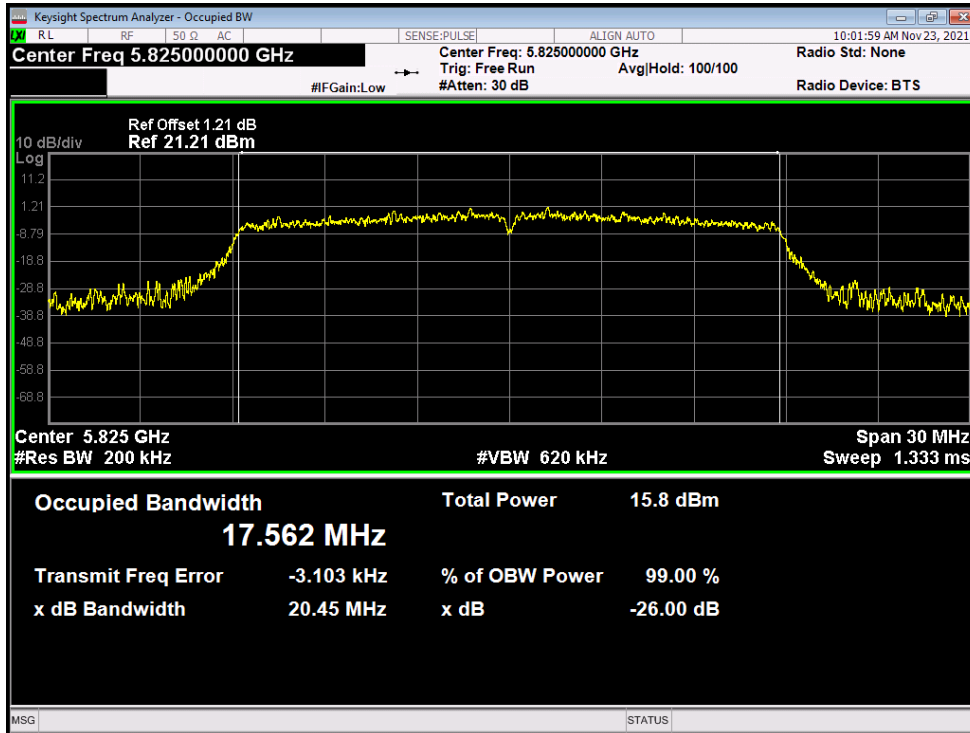


OBW NVNT n20 5785MHz Ant1

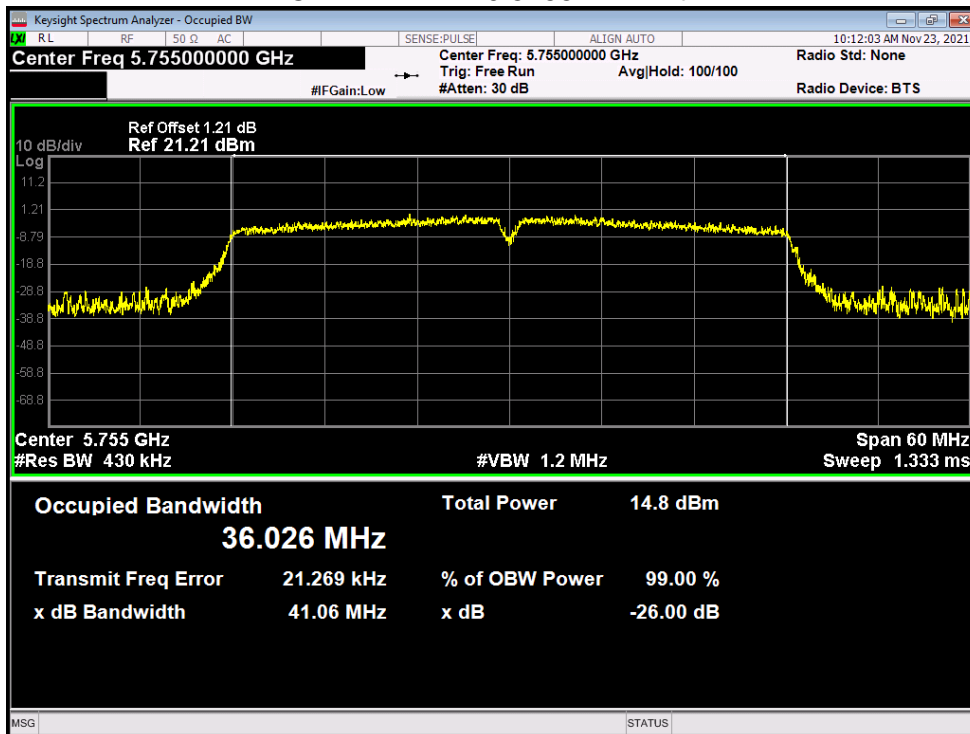




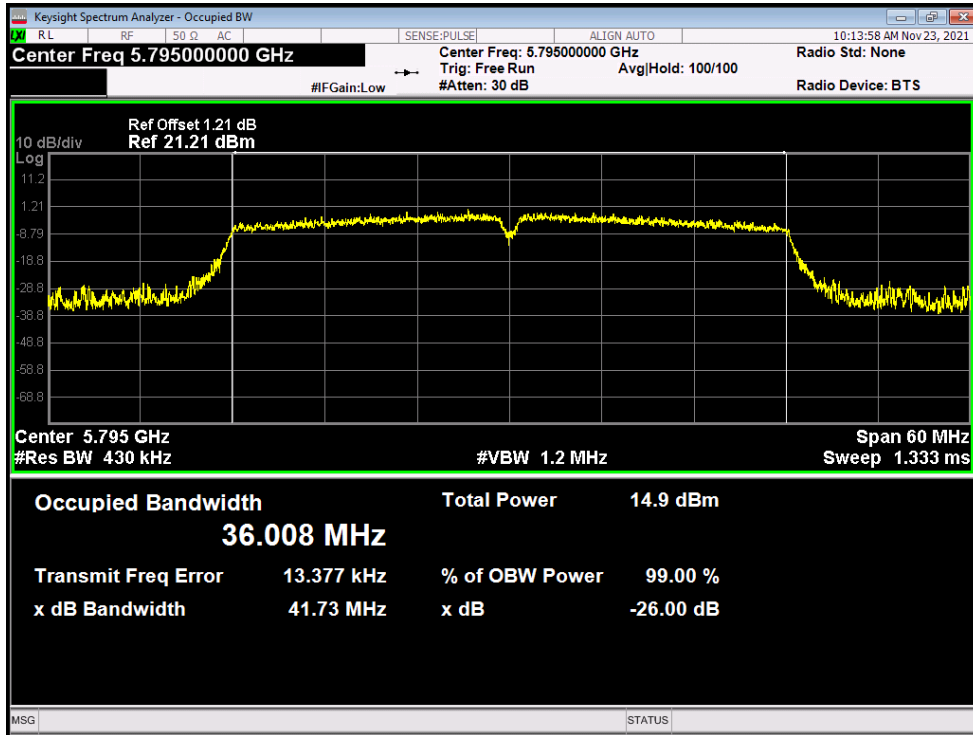
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



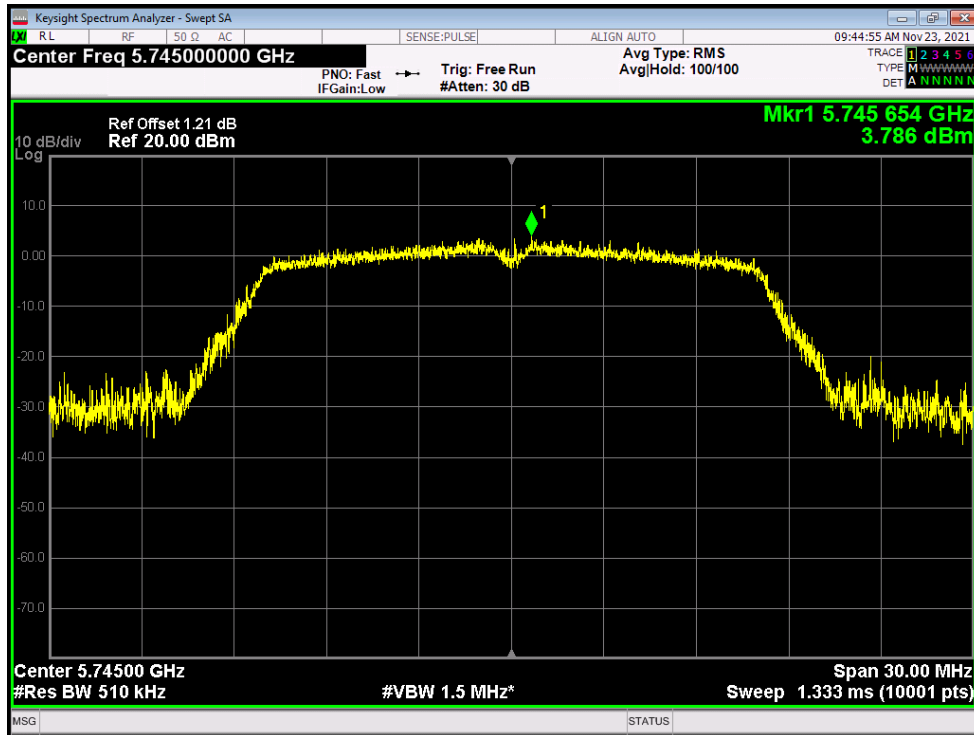
OBW NVNT n40 5795MHz Ant1



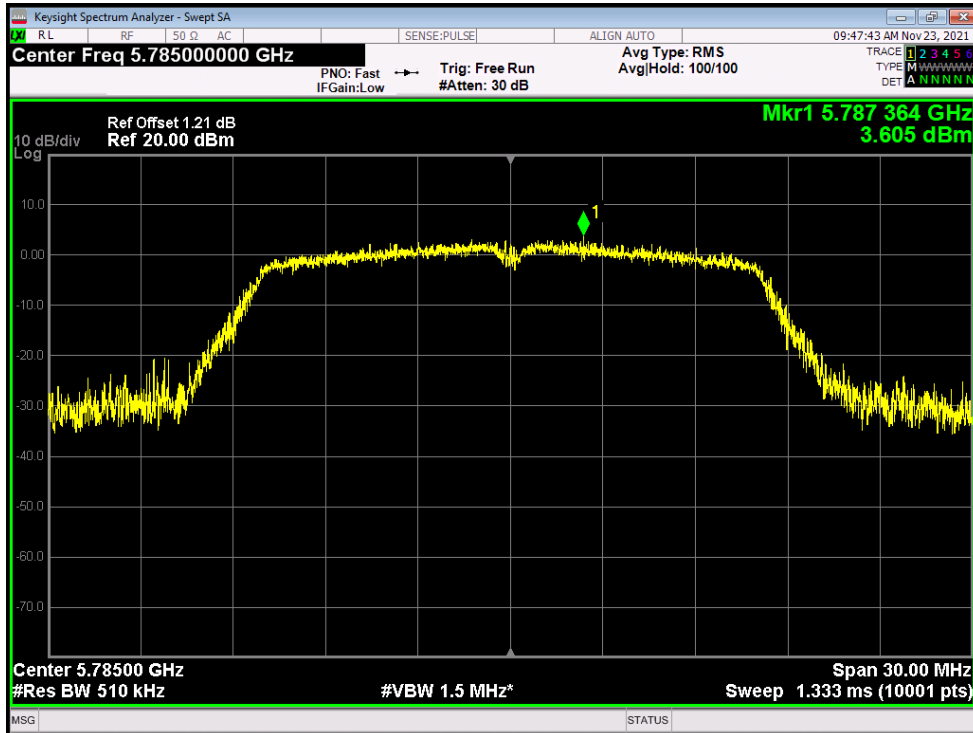
**5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL**

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	3.786	30	Pass
NVNT	a	5785	Ant1	3.605	30	Pass
NVNT	a	5825	Ant1	4.198	30	Pass
NVNT	ac20	5745	Ant1	3.027	30	Pass
NVNT	ac20	5785	Ant1	2.826	30	Pass
NVNT	ac20	5825	Ant1	3.956	30	Pass
NVNT	ac40	5755	Ant1	1.031	30	Pass
NVNT	ac40	5795	Ant1	0.317	30	Pass
NVNT	ac80	5775	Ant1	-9.808	30	Pass
NVNT	n20	5745	Ant1	3.063	30	Pass
NVNT	n20	5785	Ant1	3.669	30	Pass
NVNT	n20	5825	Ant1	4.943	30	Pass
NVNT	n40	5755	Ant1	0.28	30	Pass
NVNT	n40	5795	Ant1	0.594	30	Pass

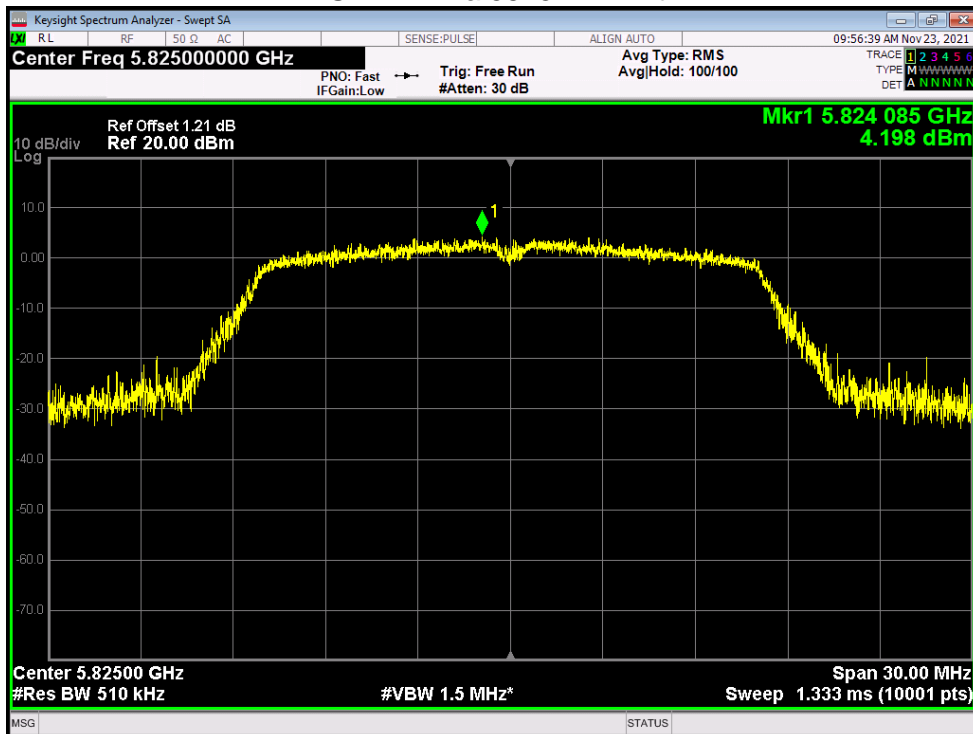
PSD NVNT a 5745MHz Ant1



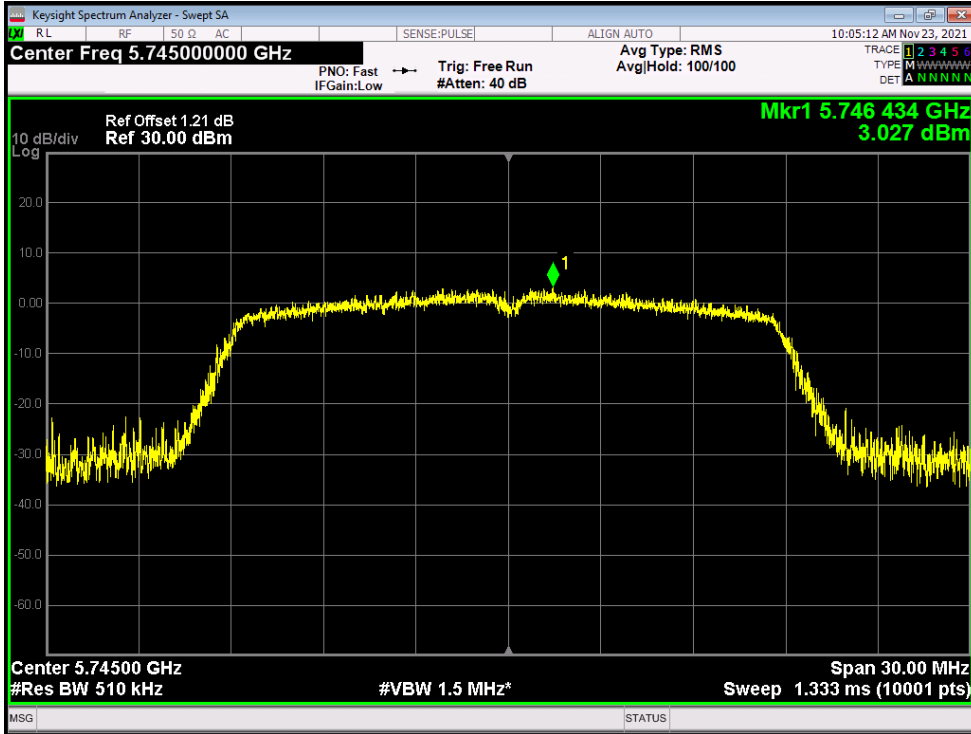
PSD NVNT a 5785MHz Ant1



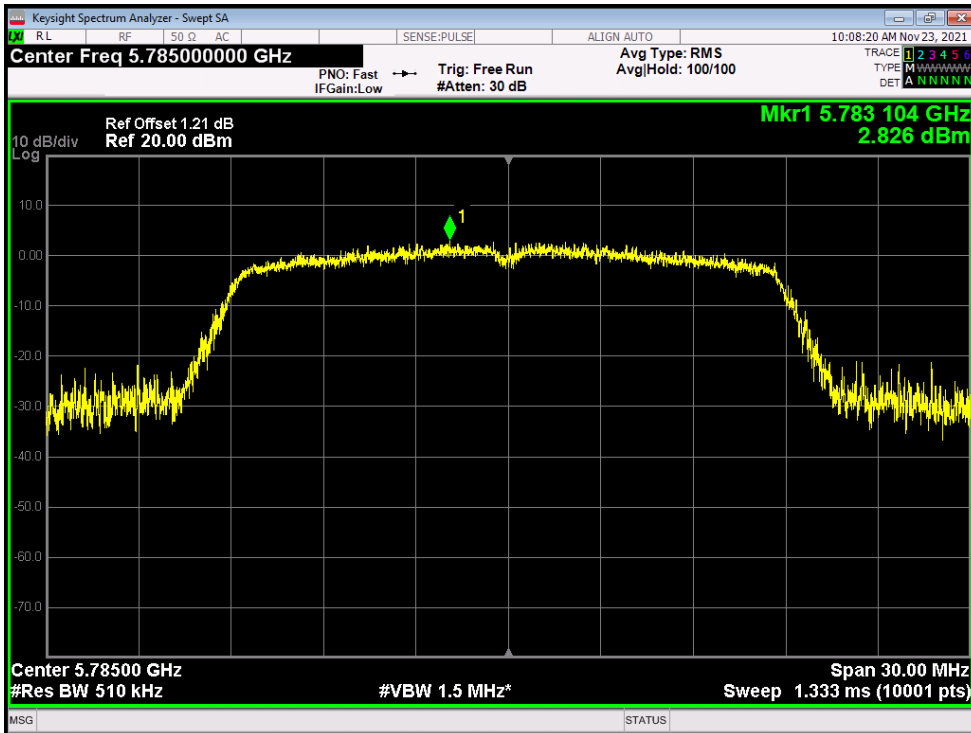
PSD NVNT a 5825MHz Ant1



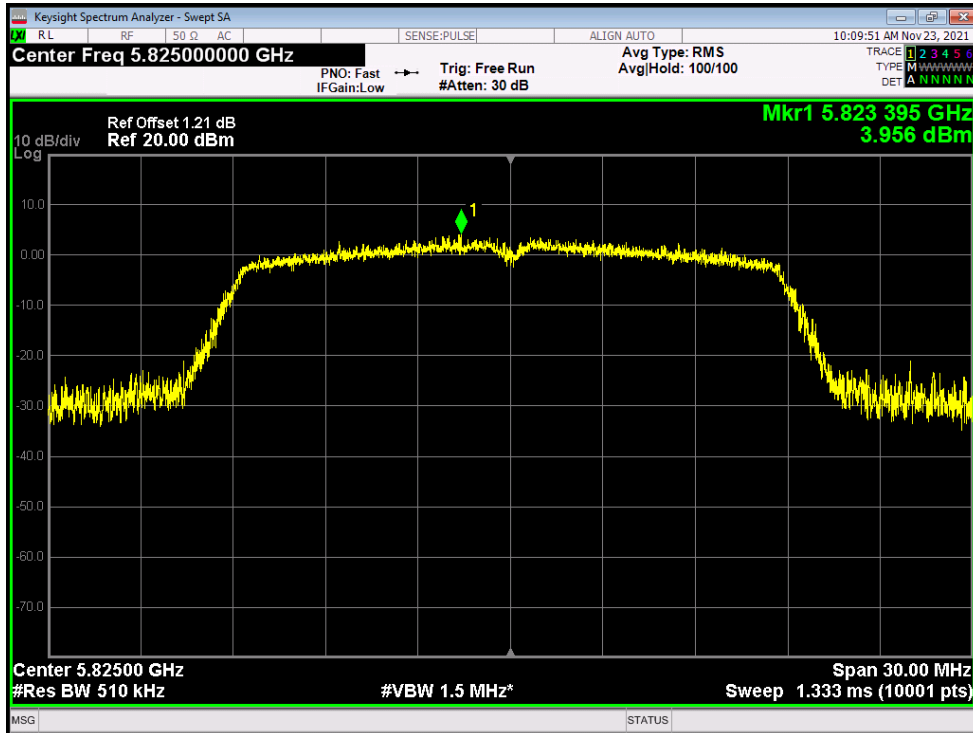
PSD NVNT ac20 5745MHz Ant1



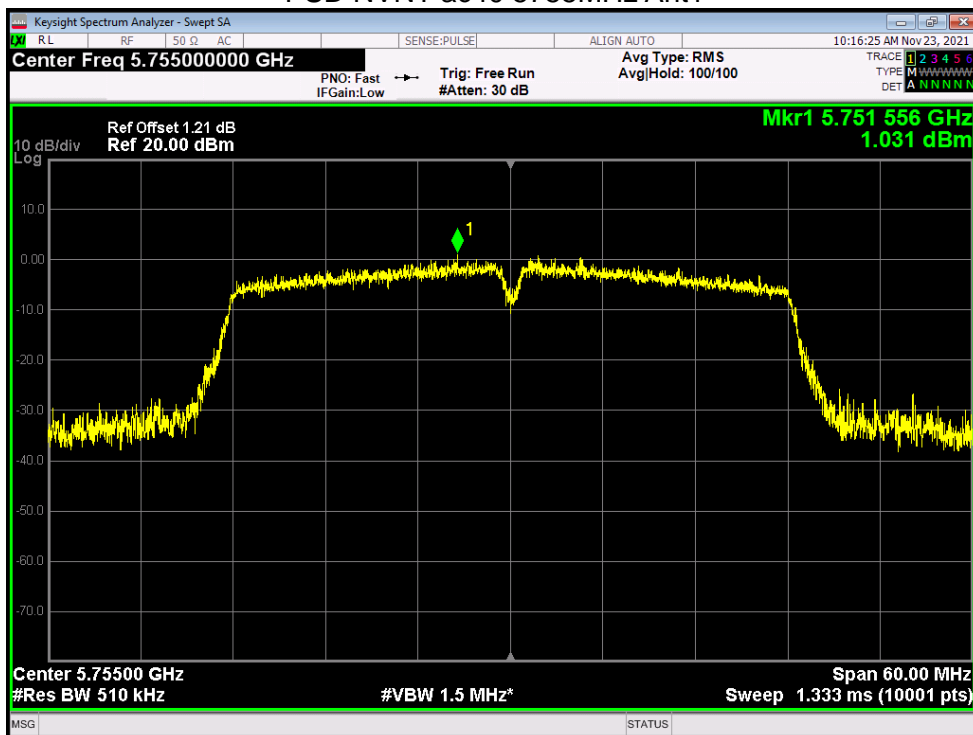
PSD NVNT ac20 5785MHz Ant1



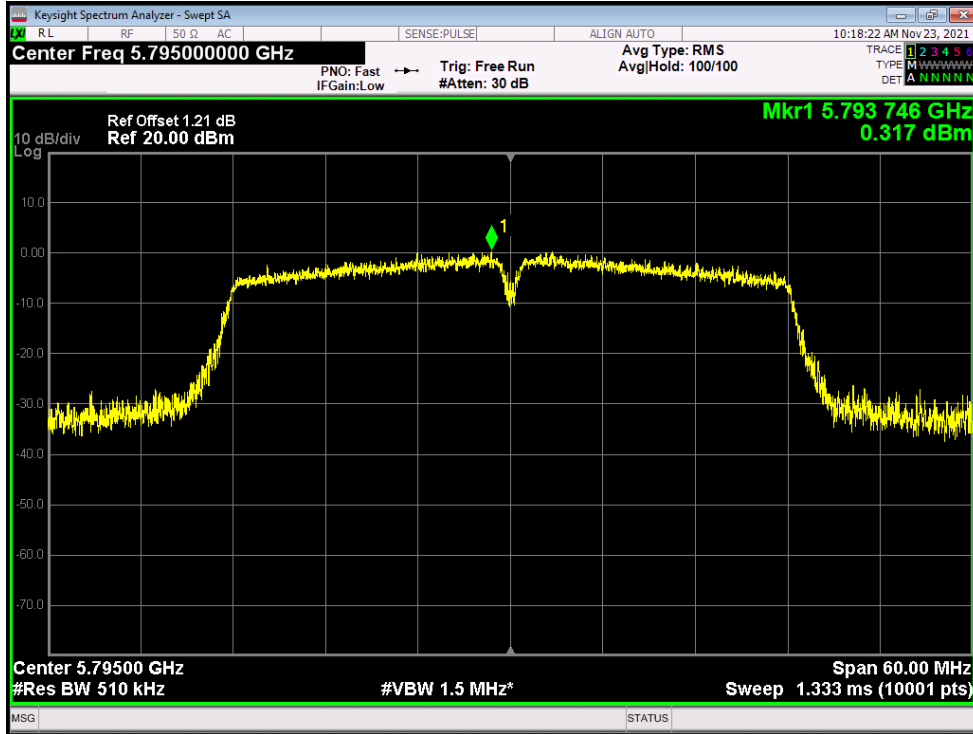
PSD NVNT ac20 5825MHz Ant1



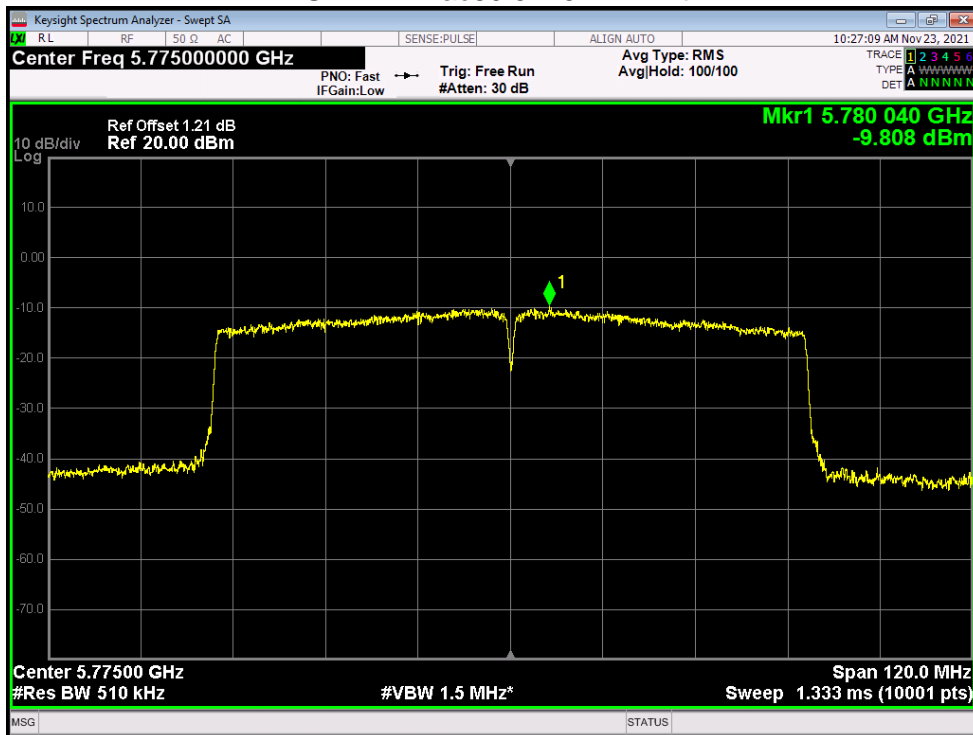
PSD NVNT ac40 5755MHz Ant1



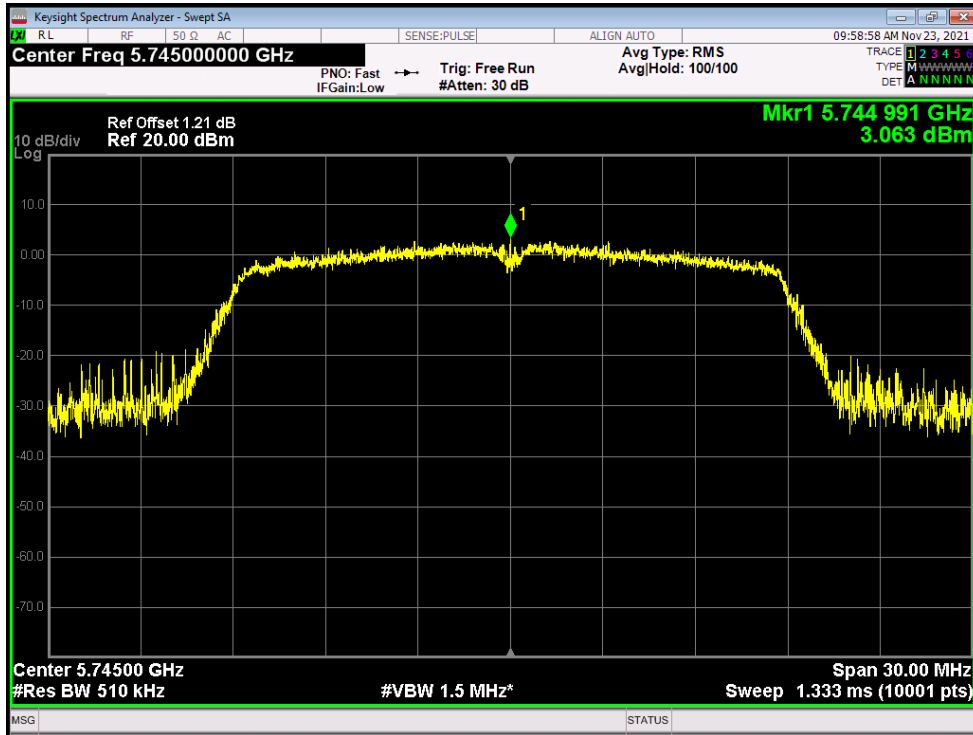
PSD NVNT ac40 5795MHz Ant1



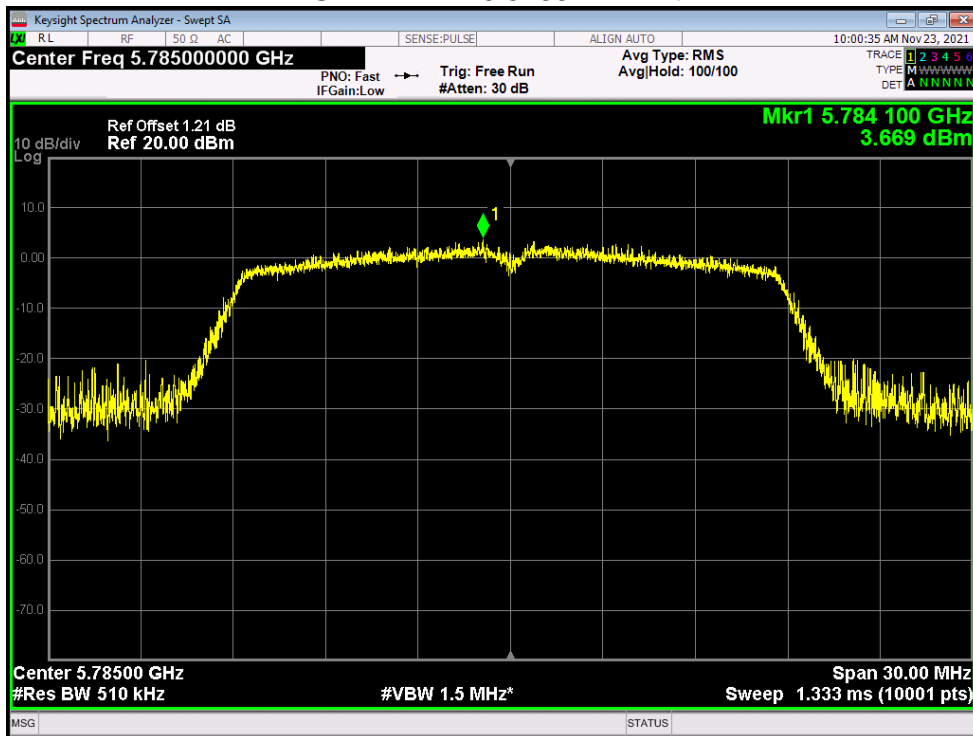
PSD NVNT ac80 5775MHz Ant1



PSD NVNT n20 5745MHz Ant1

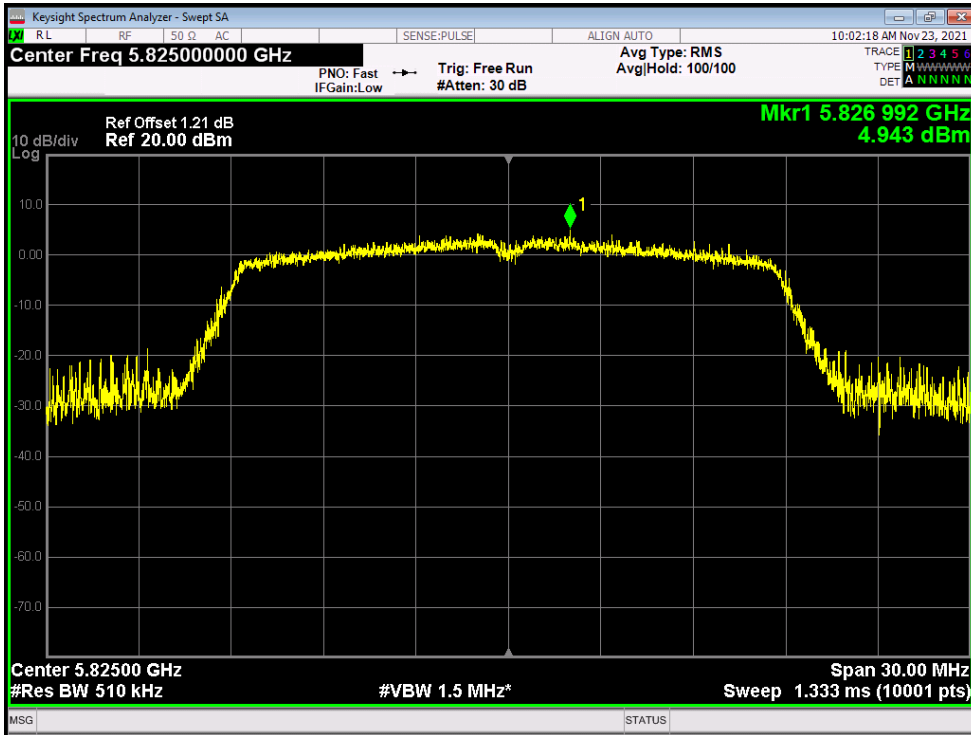


PSD NVNT n20 5785MHz Ant1

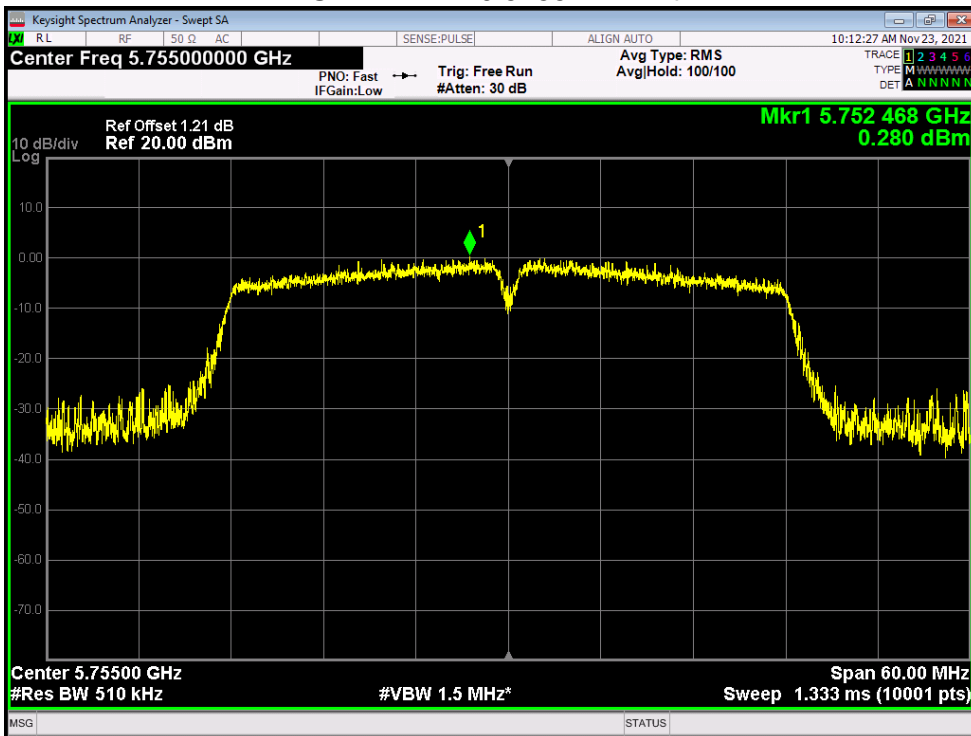




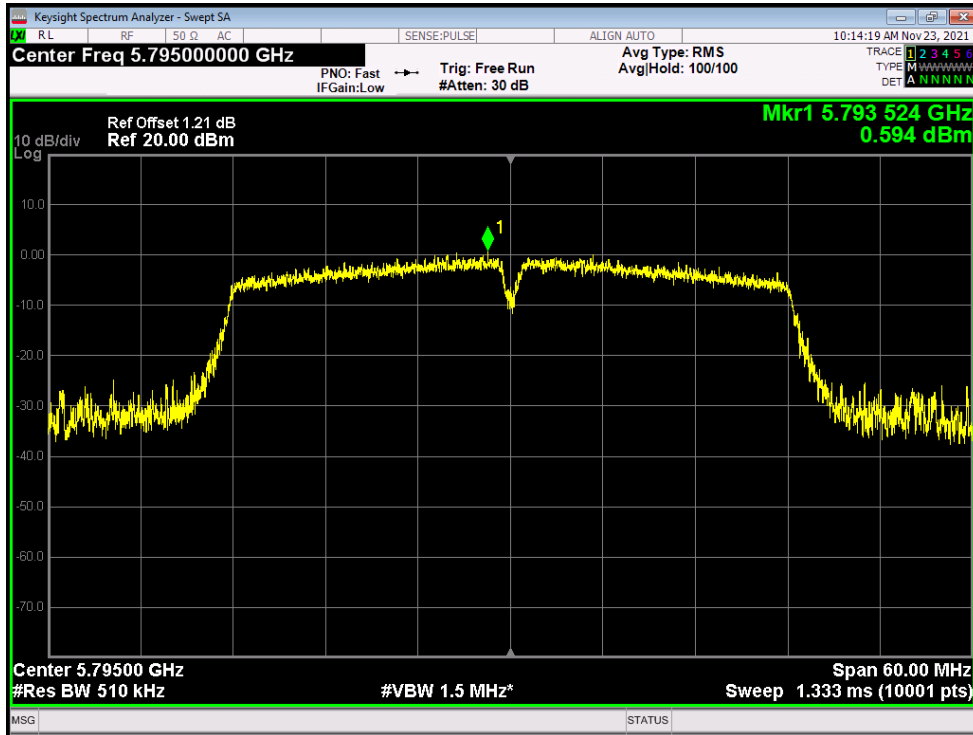
PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



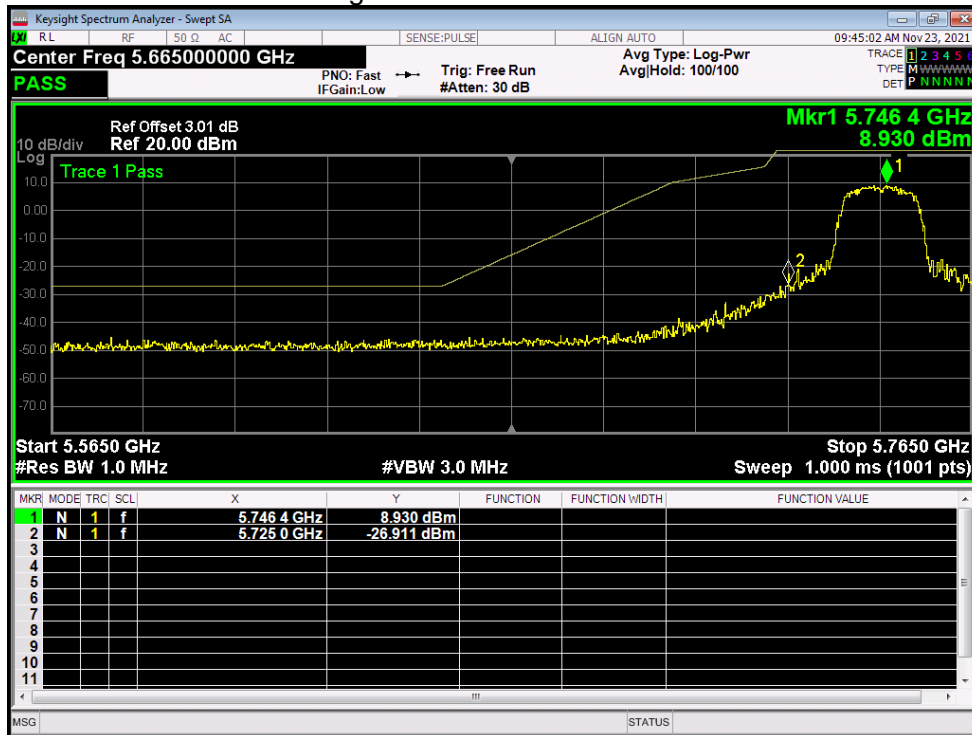
PSD NVNT n40 5795MHz Ant1



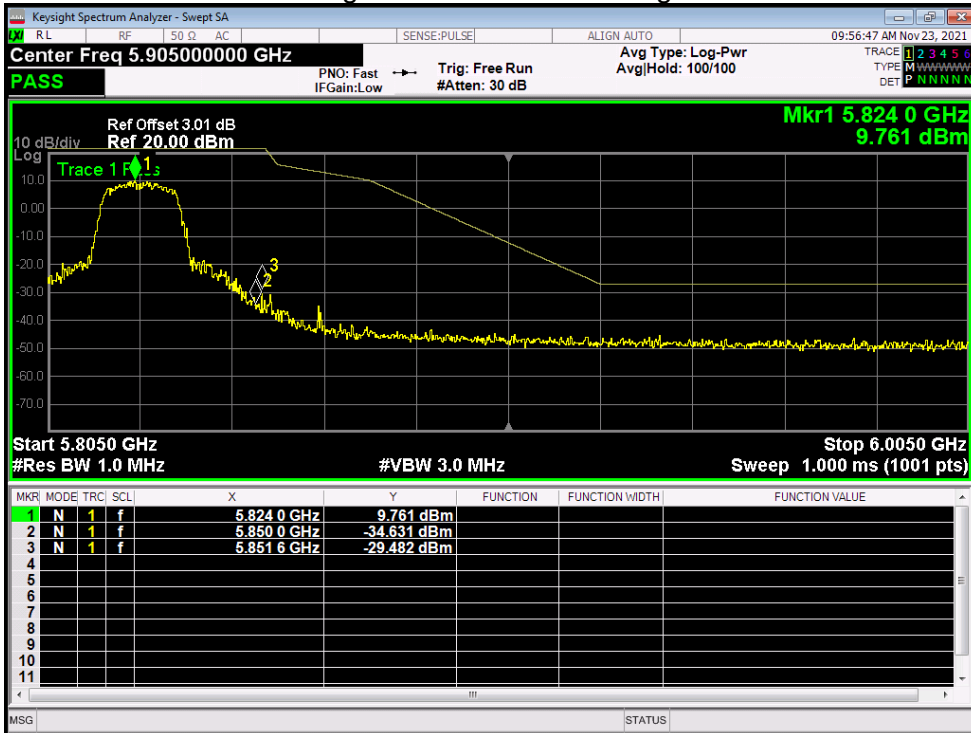
5.6 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-26.91	Pass
NVNT	a	5825	Ant1	-29.48	Pass
NVNT	ac20	5745	Ant1	-24.64	Pass
NVNT	ac20	5825	Ant1	-32.43	Pass
NVNT	ac40	5755	Ant1	-23.78	Pass
NVNT	ac40	5795	Ant1	-35.99	Pass
NVNT	ac80	5775	Ant1	-26.36	Pass
NVNT	n20	5745	Ant1	-26.94	Pass
NVNT	n20	5825	Ant1	-29.6	Pass
NVNT	n40	5755	Ant1	-19.06	Pass
NVNT	n40	5795	Ant1	-31.9	Pass

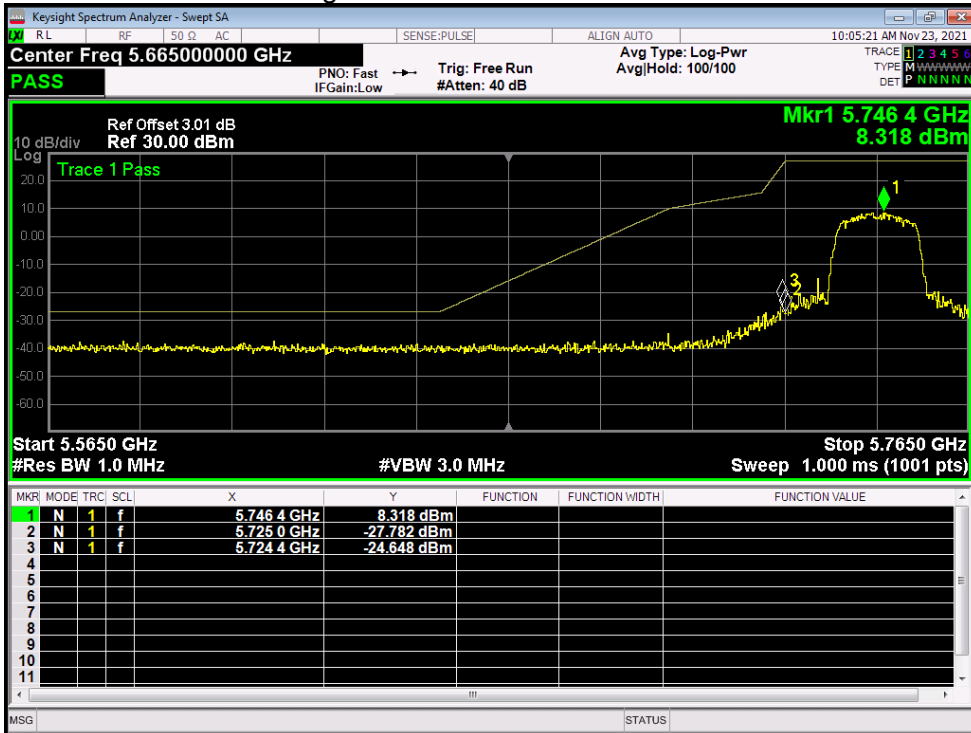
Band Edge NVNT a 5745MHz Low Ant1



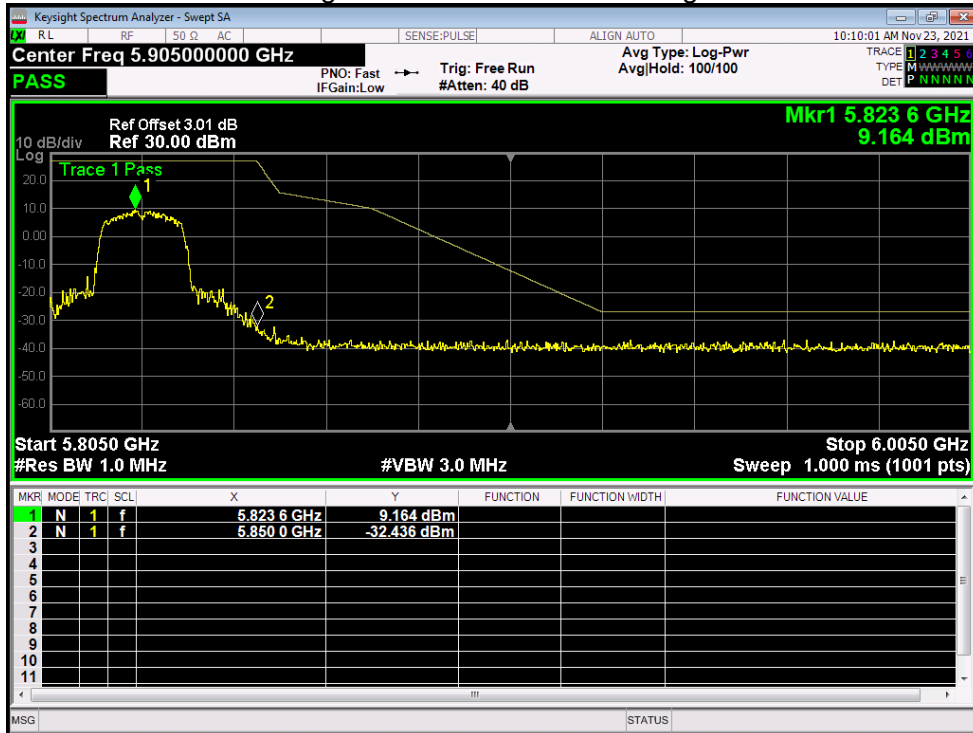
### Band Edge NVNT a 5825MHz High Ant1



### Band Edge NVNT ac20 5745MHz Low Ant1



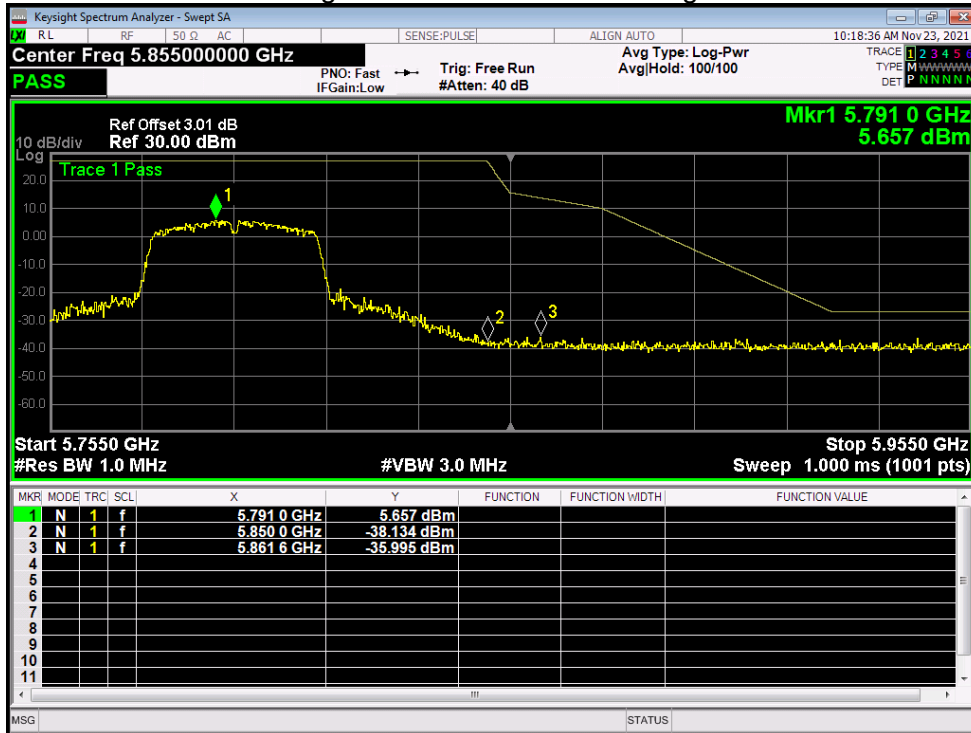
### Band Edge NVNT ac20 5825MHz High Ant1



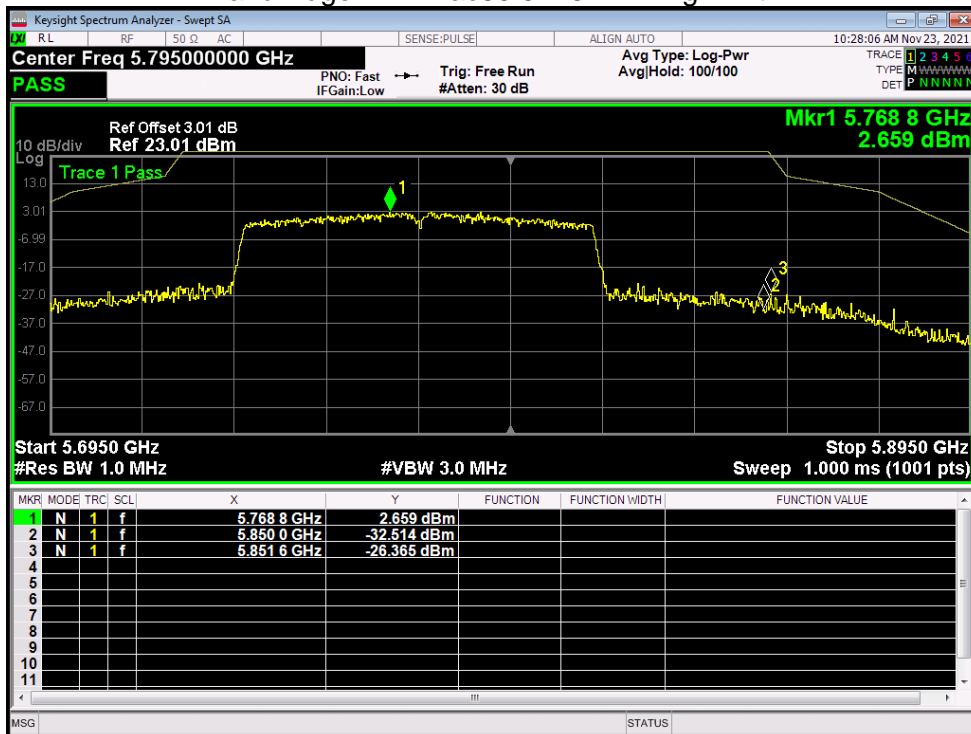
### Band Edge NVNT ac40 5755MHz Low Ant1



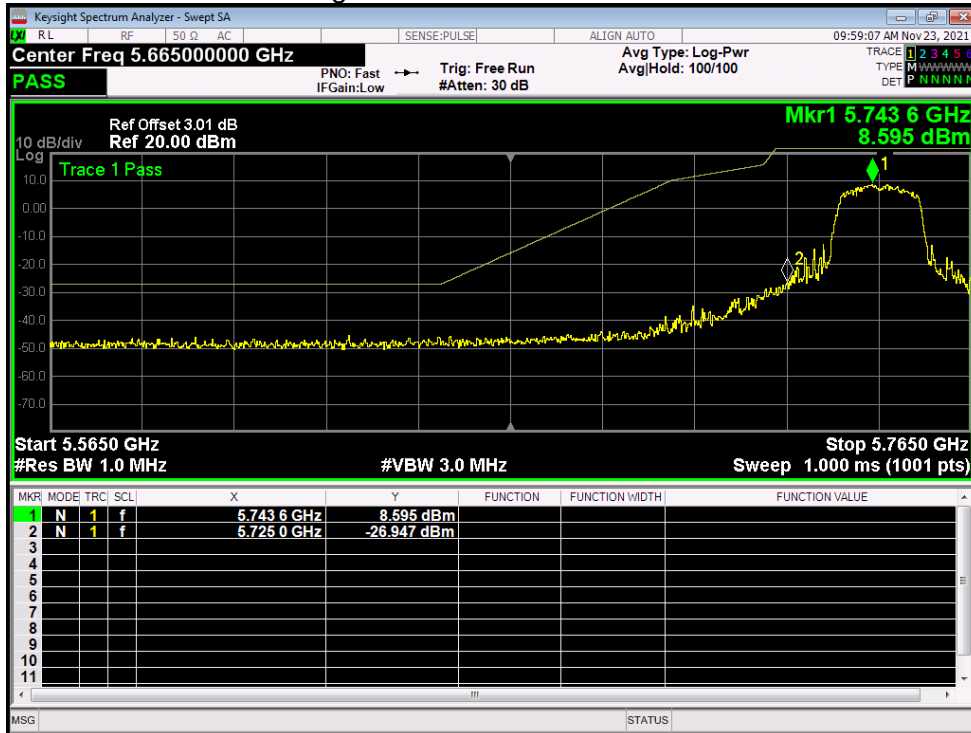
### Band Edge NVNT ac40 5795MHz High Ant1



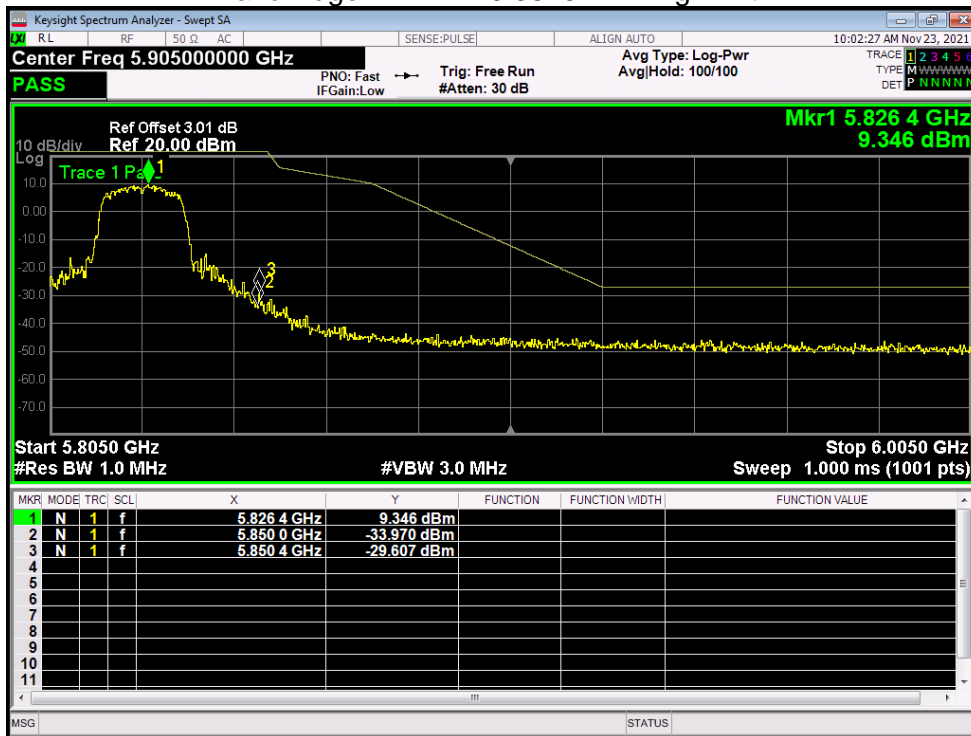
### Band Edge NVNT ac80 5775MHz High Ant1



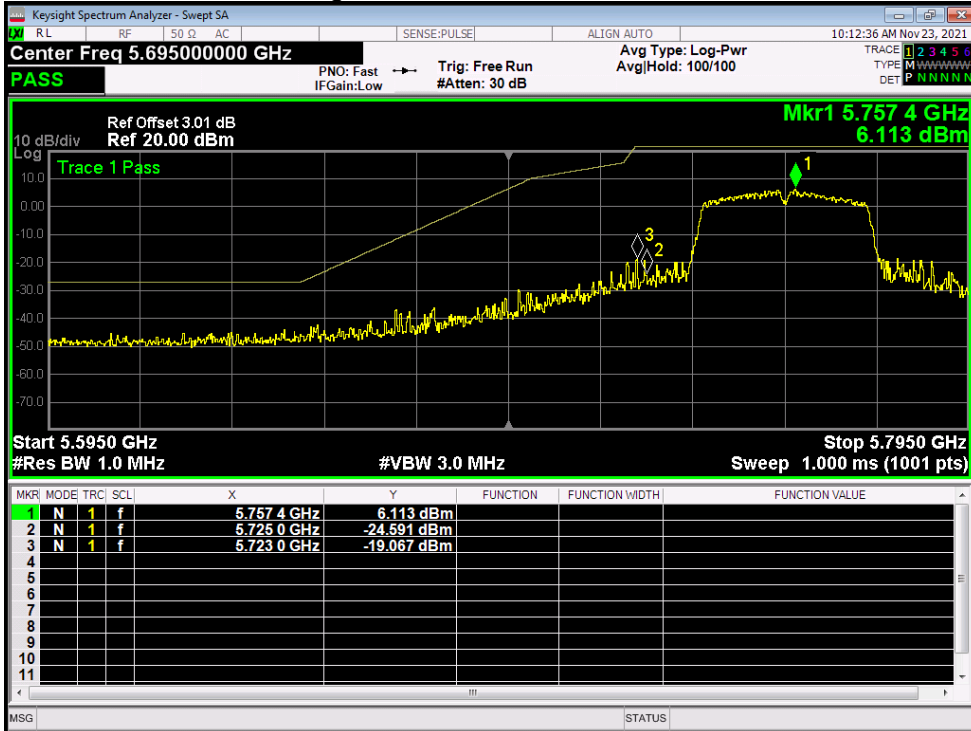
### Band Edge NVNT n20 5745MHz Low Ant1



### Band Edge NVNT n20 5825MHz High Ant1



### Band Edge NVNT n40 5755MHz Low Ant1



### Band Edge NVNT n40 5795MHz High Ant1

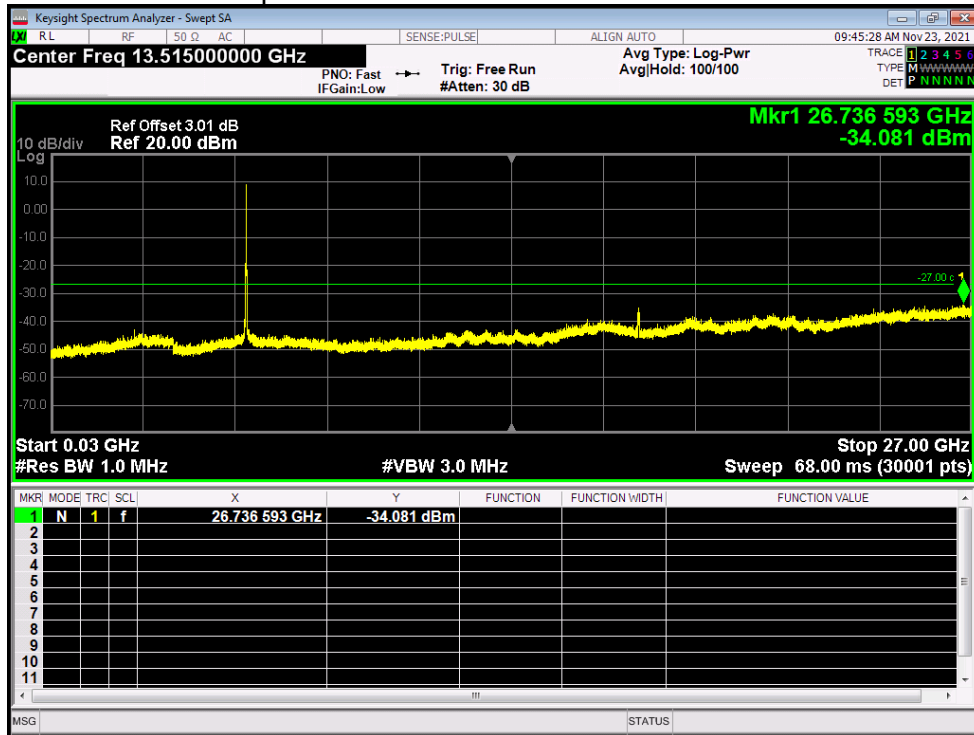




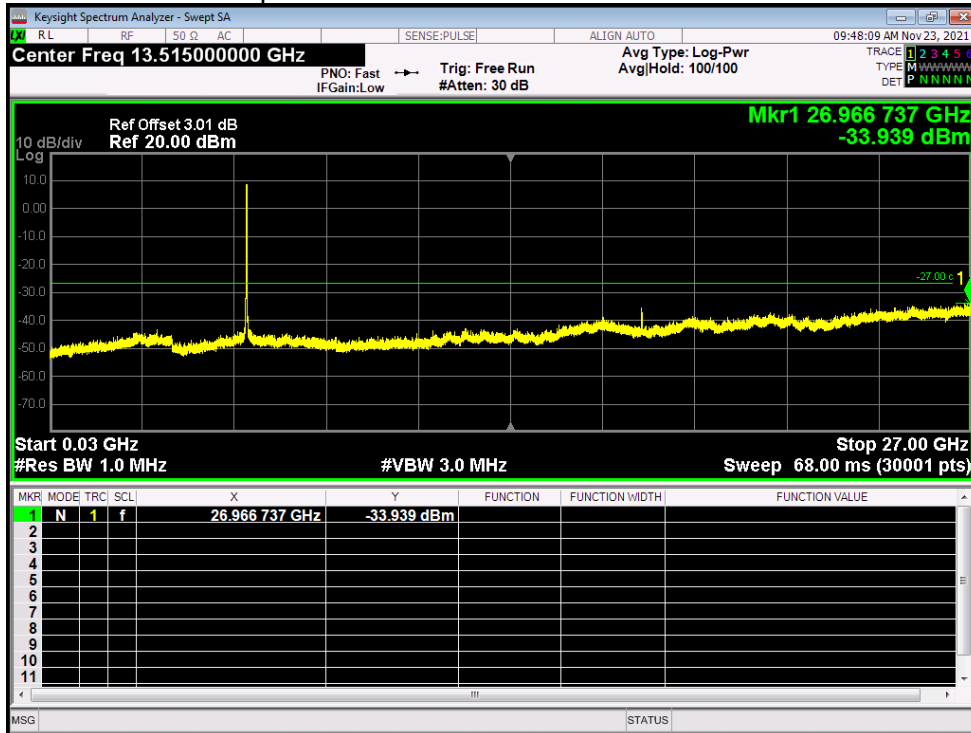
5.7 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-34.08	-27	Pass
NVNT	a	5785	Ant1	-33.93	-27	Pass
NVNT	a	5805	Ant1	-33.66	-27	Pass
NVNT	ac20	5745	Ant1	-34.36	-27	Pass
NVNT	ac20	5785	Ant1	-34.06	-27	Pass
NVNT	ac20	5825	Ant1	-33.8	-27	Pass
NVNT	ac40	5755	Ant1	-34.3	-27	Pass
NVNT	ac40	5795	Ant1	-33.9	-27	Pass
NVNT	ac80	5775	Ant1	-34.04	-27	Pass
NVNT	n20	5745	Ant1	-33.79	-27	Pass
NVNT	n20	5785	Ant1	-33.77	-27	Pass
NVNT	n20	5825	Ant1	-33.38	-27	Pass
NVNT	n40	5755	Ant1	-34.1	-27	Pass
NVNT	n40	5795	Ant1	-33.95	-27	Pass

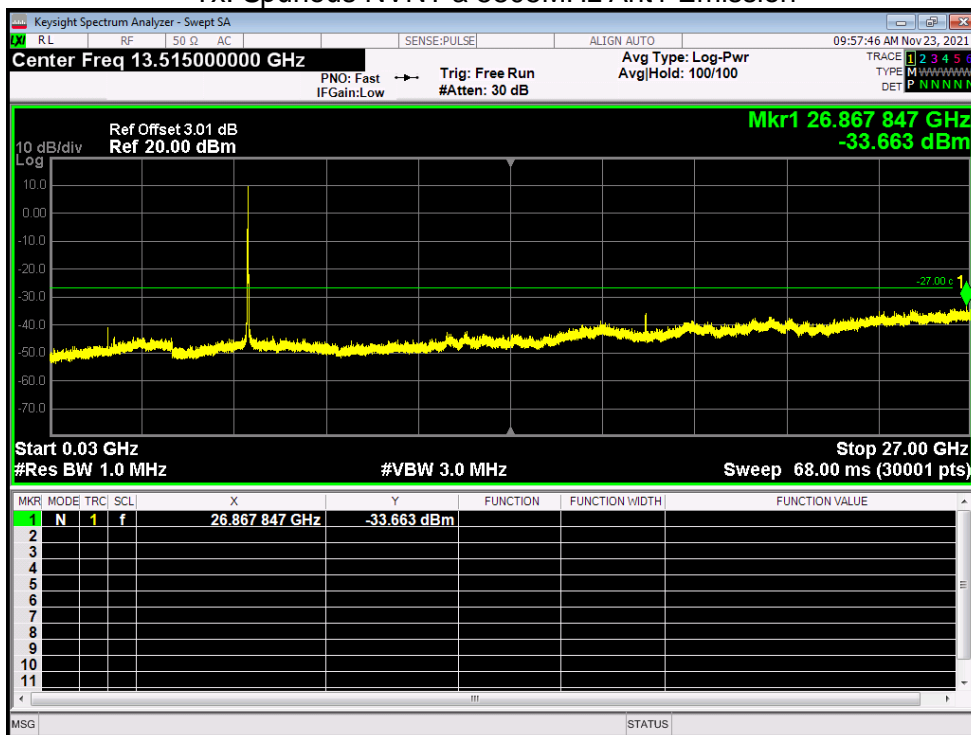
Tx. Spurious NVNT a 5745MHz Ant1 Emission



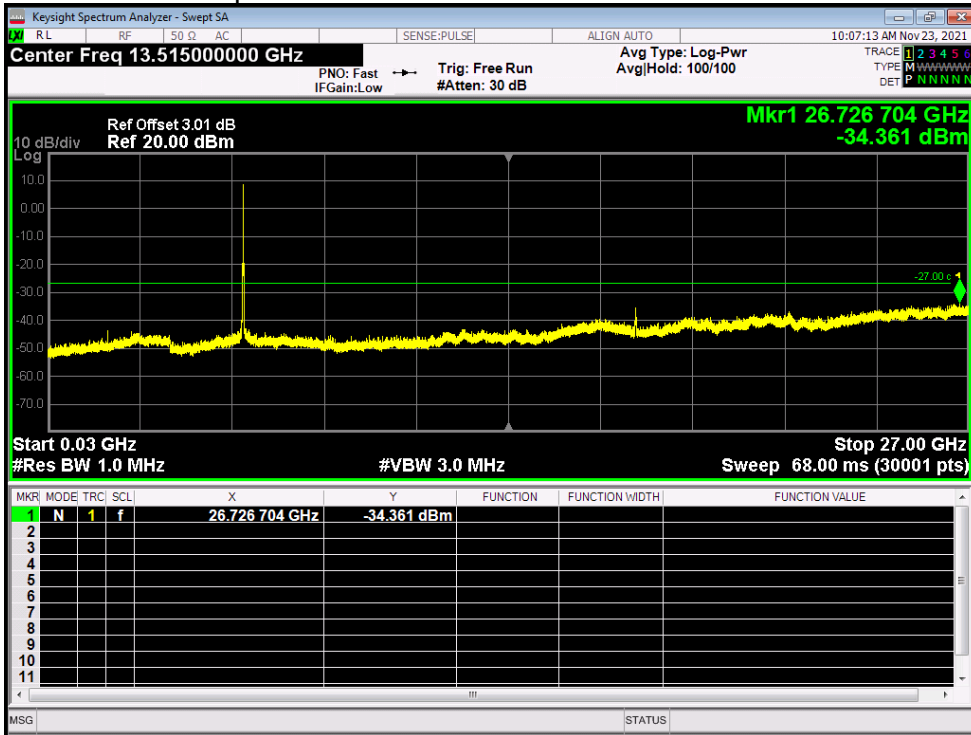
Tx. Spurious NVNT a 5785MHz Ant1 Emission



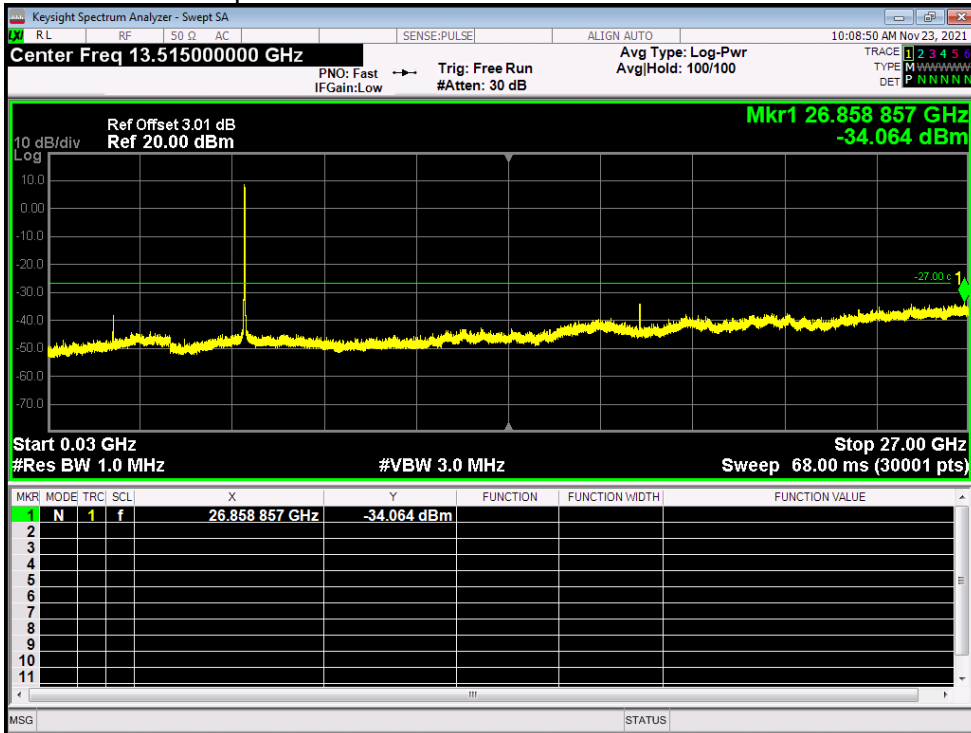
Tx. Spurious NVNT a 5805MHz Ant1 Emission



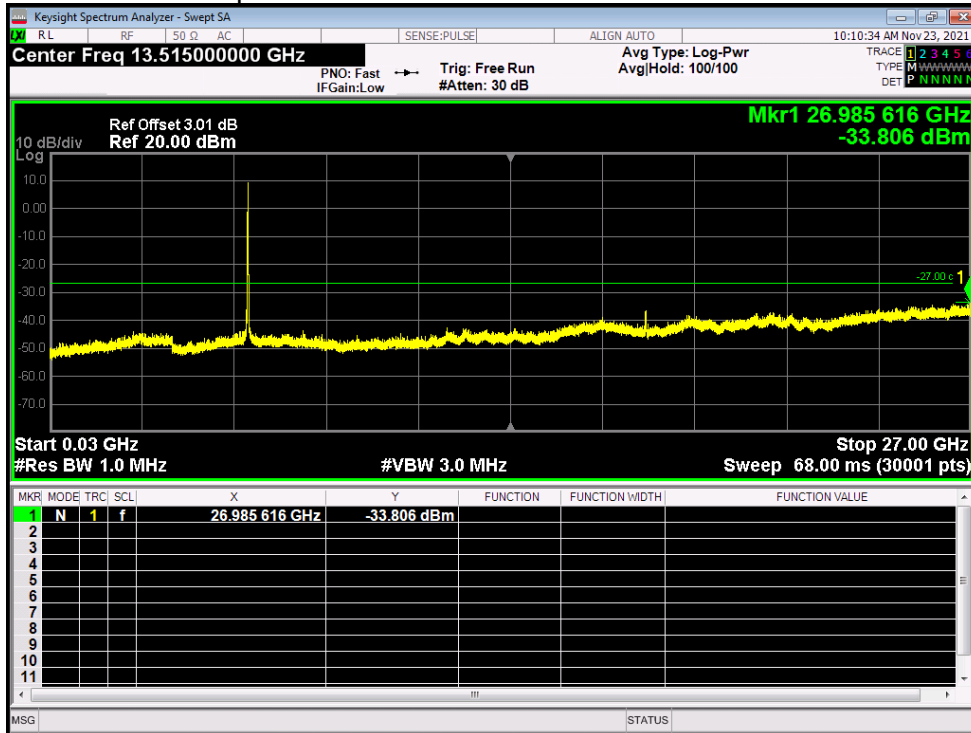
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



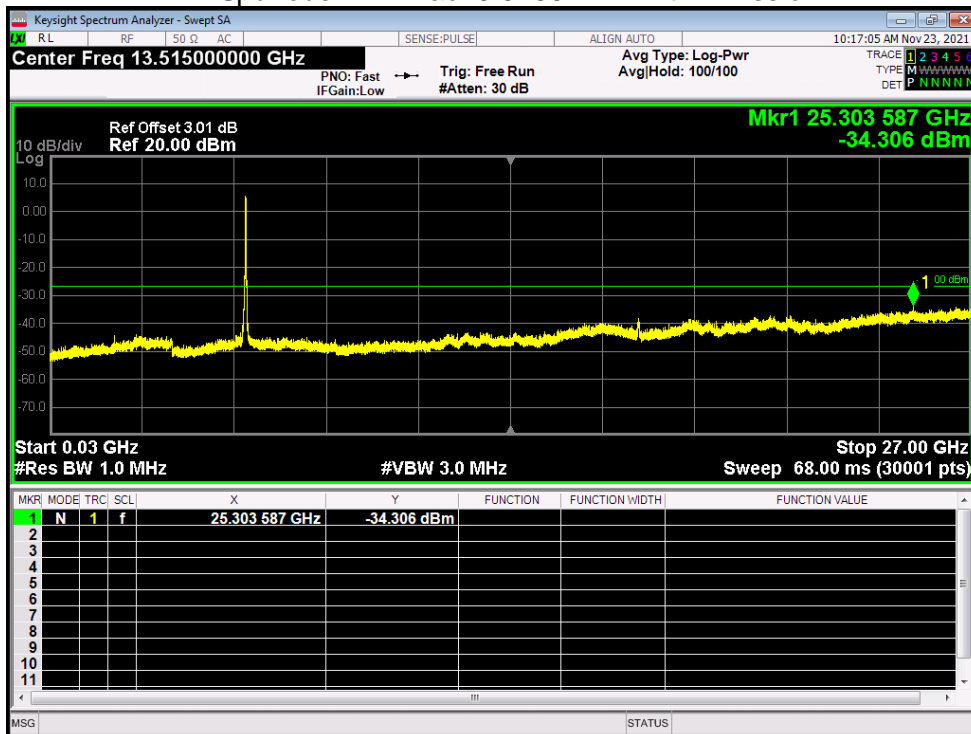
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



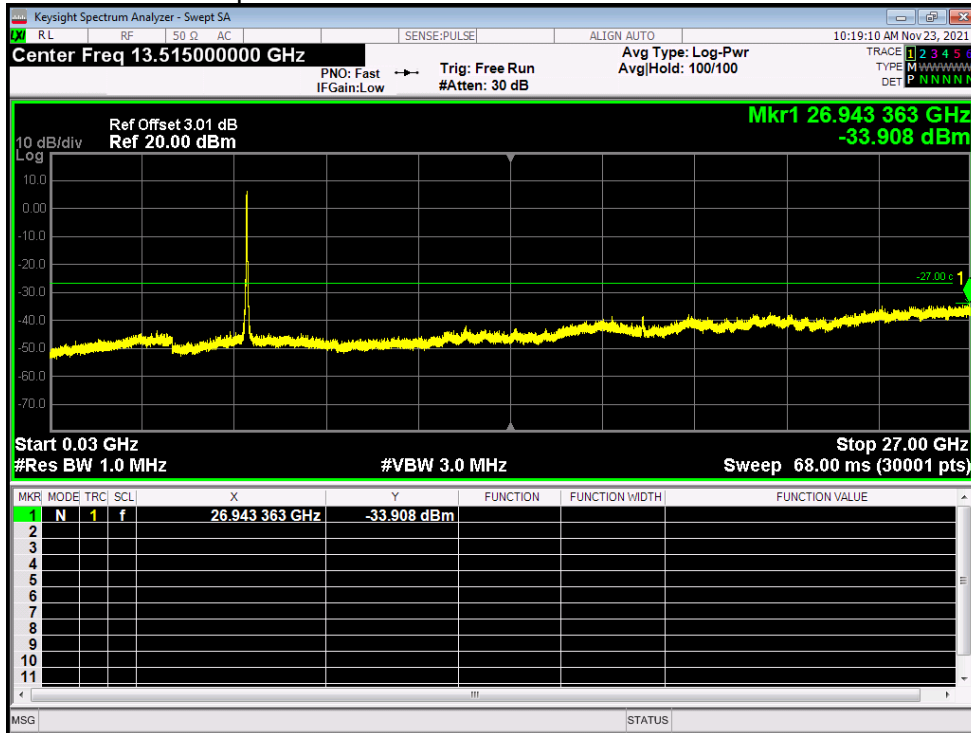
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



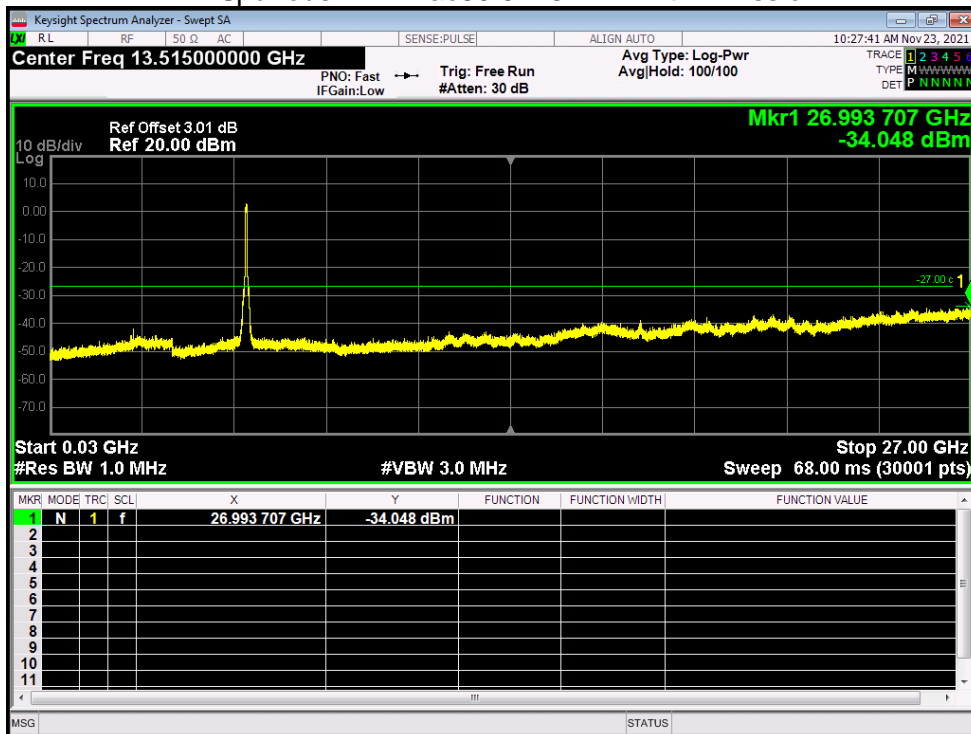
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



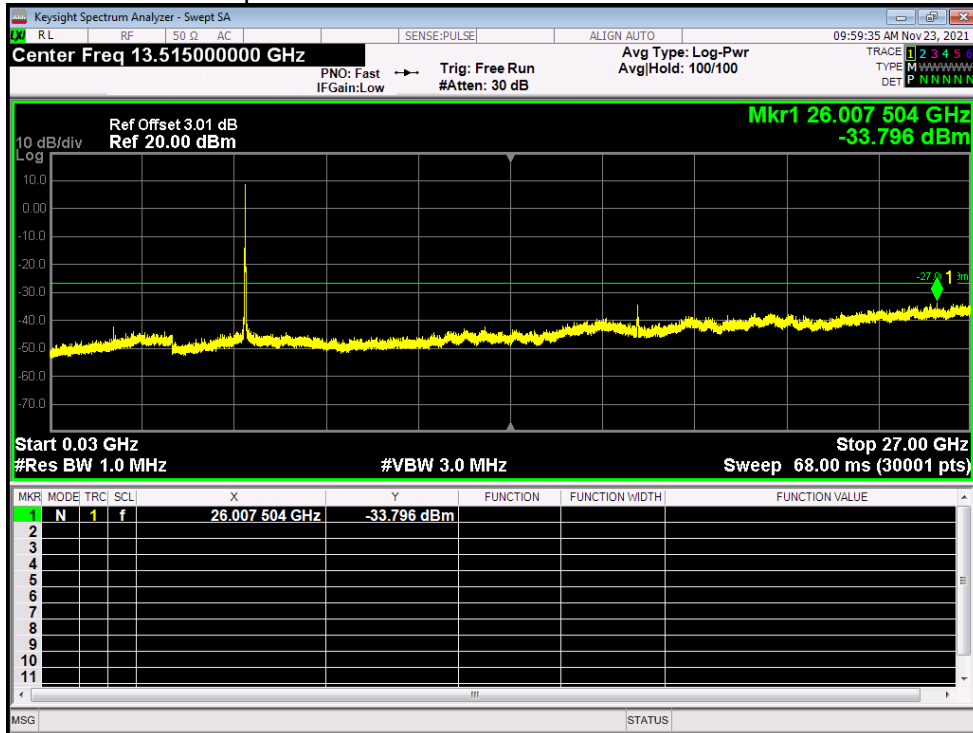
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



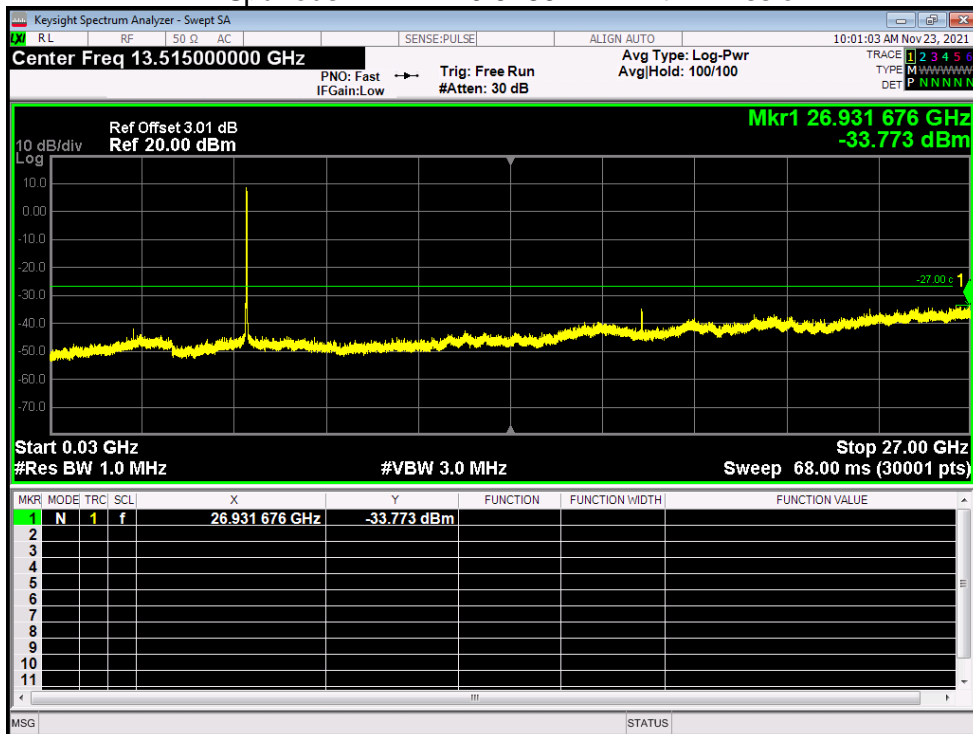
Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



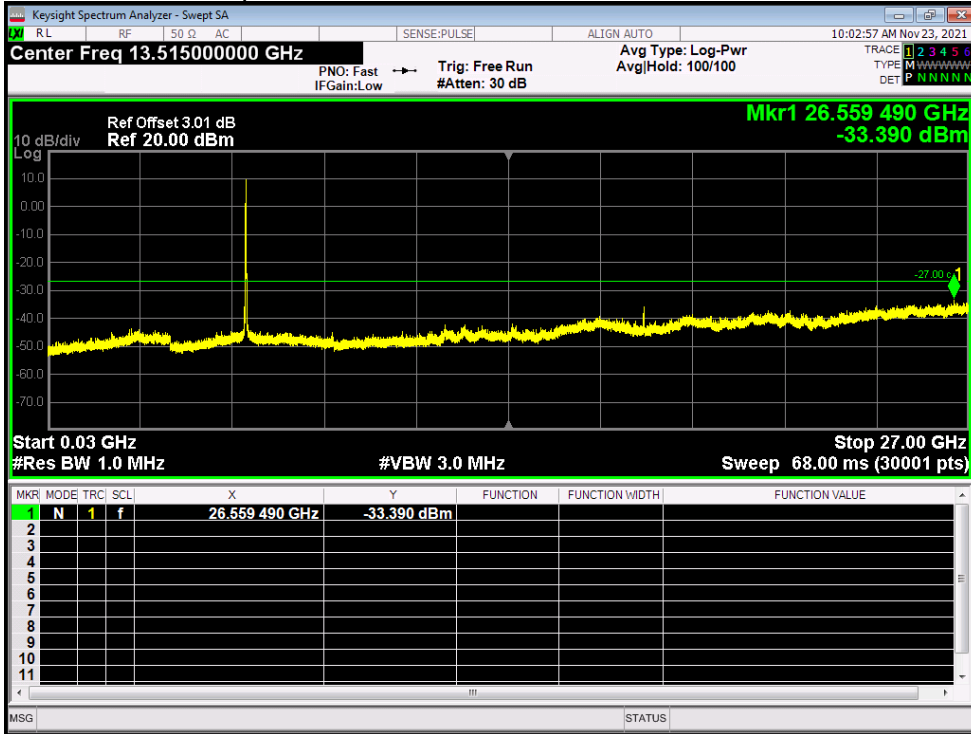
### Tx. Spurious NVNT n20 5745MHz Ant1 Emission



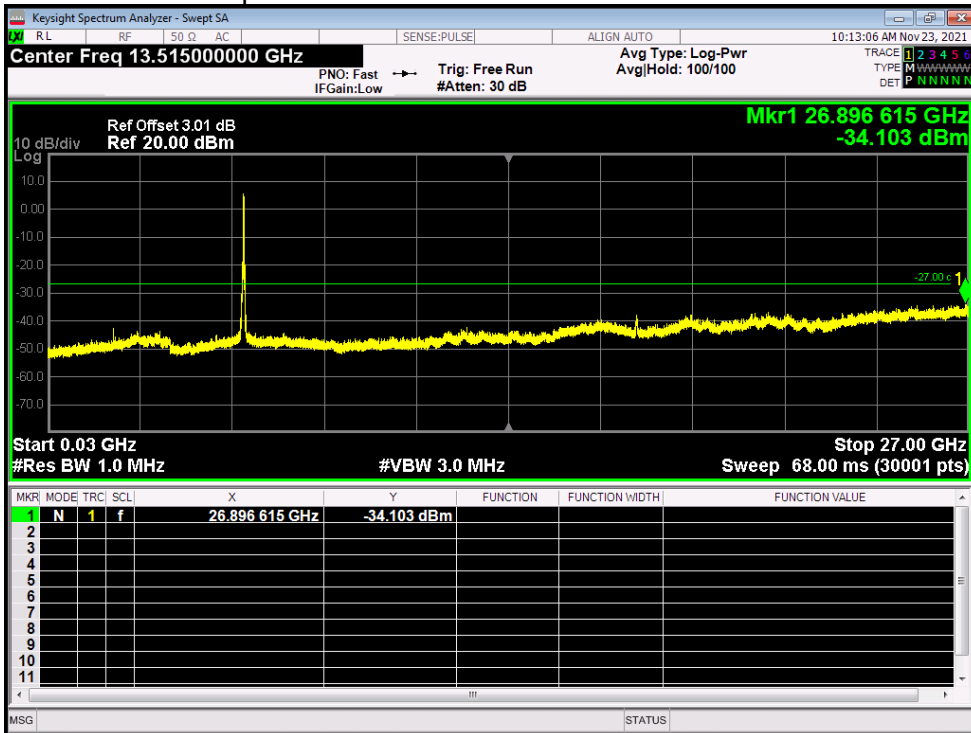
### Tx. Spurious NVNT n20 5785MHz Ant1 Emission



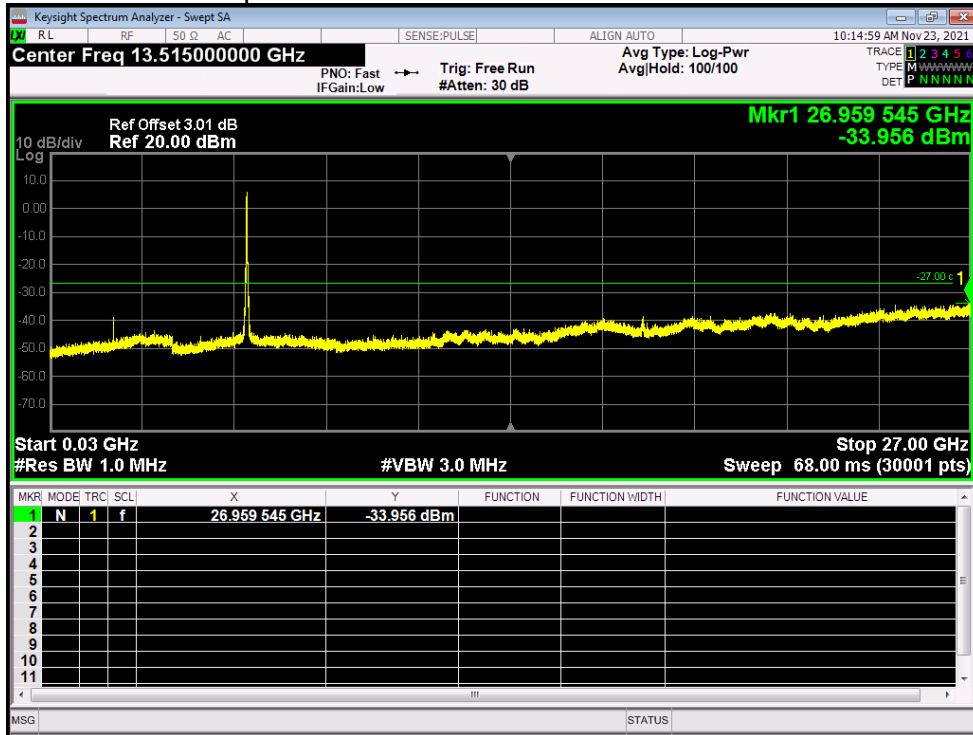
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



Tx. Spurious NVNT n40 5755MHz Ant1 Emission



Tx. Spurious NVNT n40 5795MHz Ant1 Emission



END OF REPORT