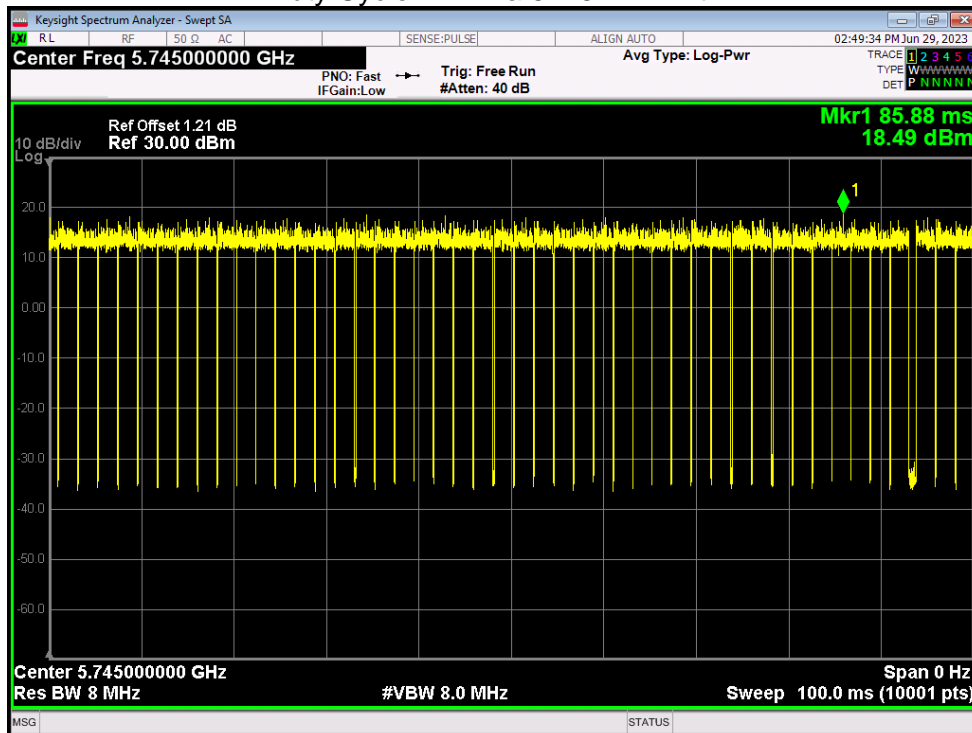


## 5.8G WIFI

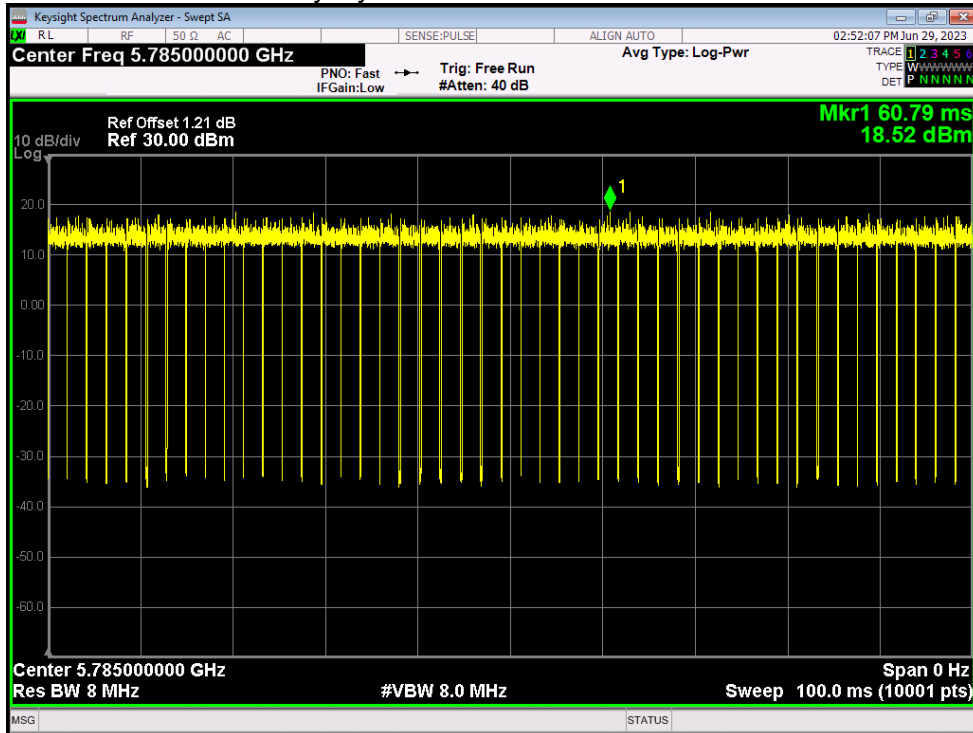
### 5.1 DUTY CYCLE

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	94.78	0.23
NVNT	a	5785	Ant1	95.69	0.19
NVNT	a	5825	Ant1	95.53	0.2
NVNT	ac20	5745	Ant1	95.1	0.22
NVNT	ac20	5785	Ant1	94.89	0.23
NVNT	ac20	5825	Ant1	94.7	0.24
NVNT	ac40	5755	Ant1	89.61	0.48
NVNT	ac40	5795	Ant1	89.51	0.48
NVNT	ax20	5745	Ant1	92.93	0.32
NVNT	ax20	5785	Ant1	94.72	0.24
NVNT	ax20	5825	Ant1	93.78	0.28
NVNT	ax40	5755	Ant1	87.88	0.56
NVNT	ax40	5795	Ant1	88.45	0.53
NVNT	n20	5745	Ant1	93.81	0.28
NVNT	n20	5785	Ant1	94.91	0.23
NVNT	n20	5825	Ant1	95.52	0.2
NVNT	n40	5755	Ant1	88.63	0.52
NVNT	n40	5795	Ant1	90.38	0.44

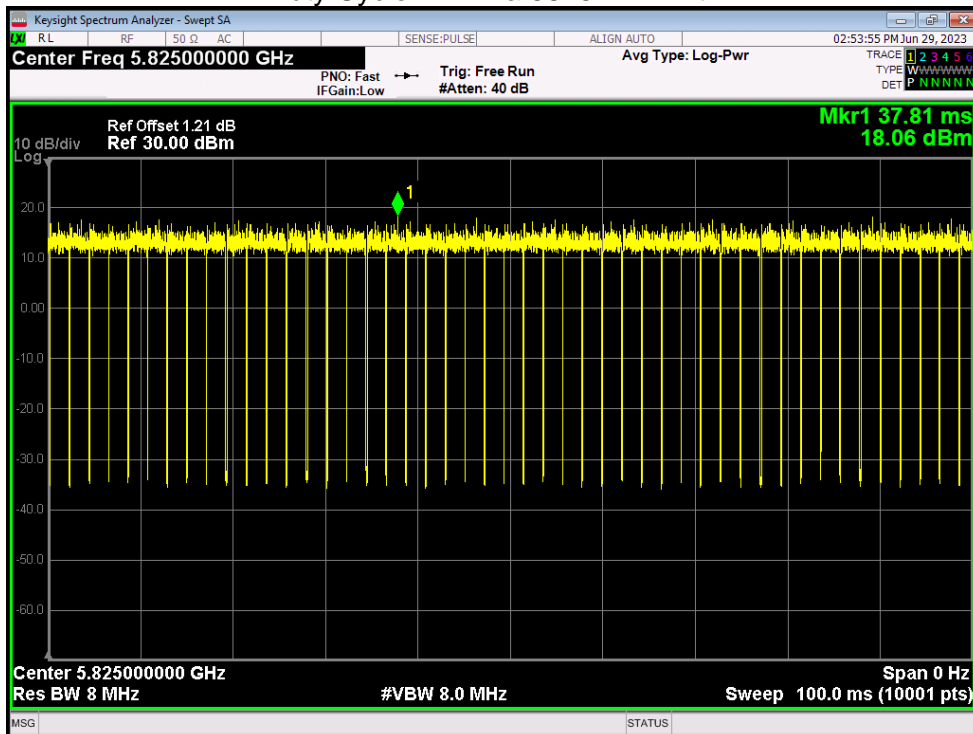
Duty Cycle NVNT a 5745MHz Ant1



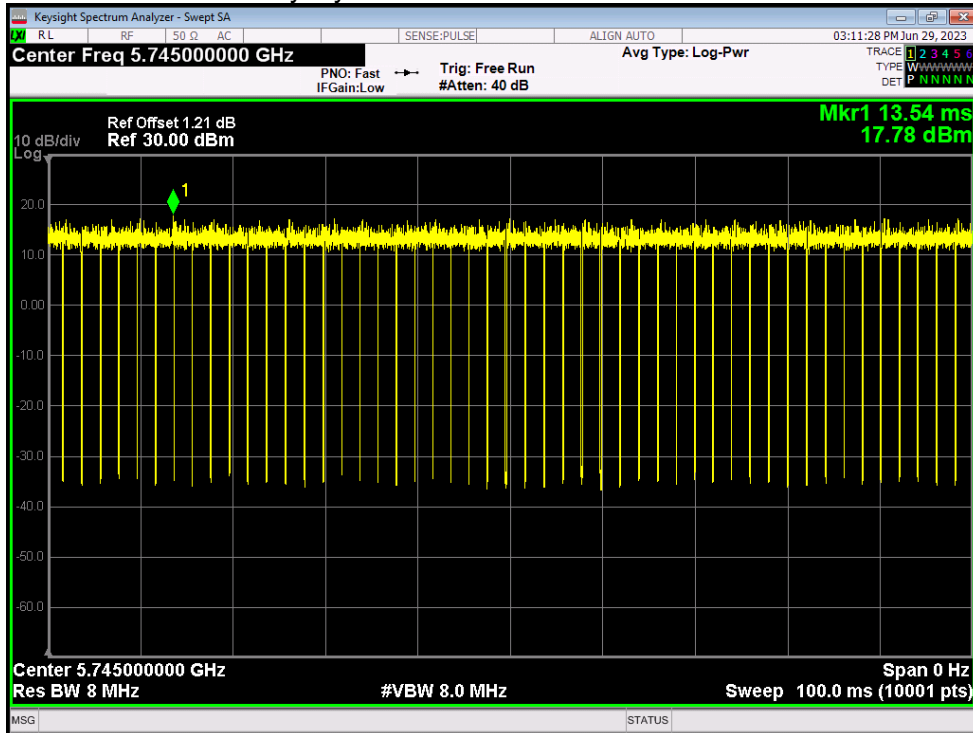
### Duty Cycle NVNT a 5785MHz Ant1



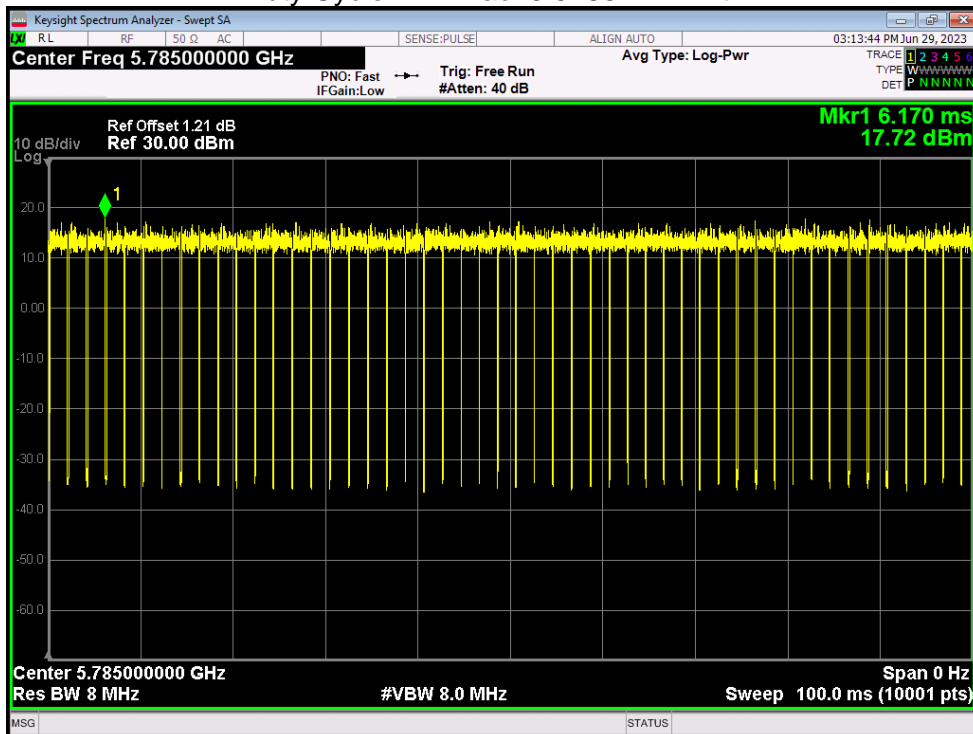
### Duty Cycle NVNT a 5825MHz Ant1



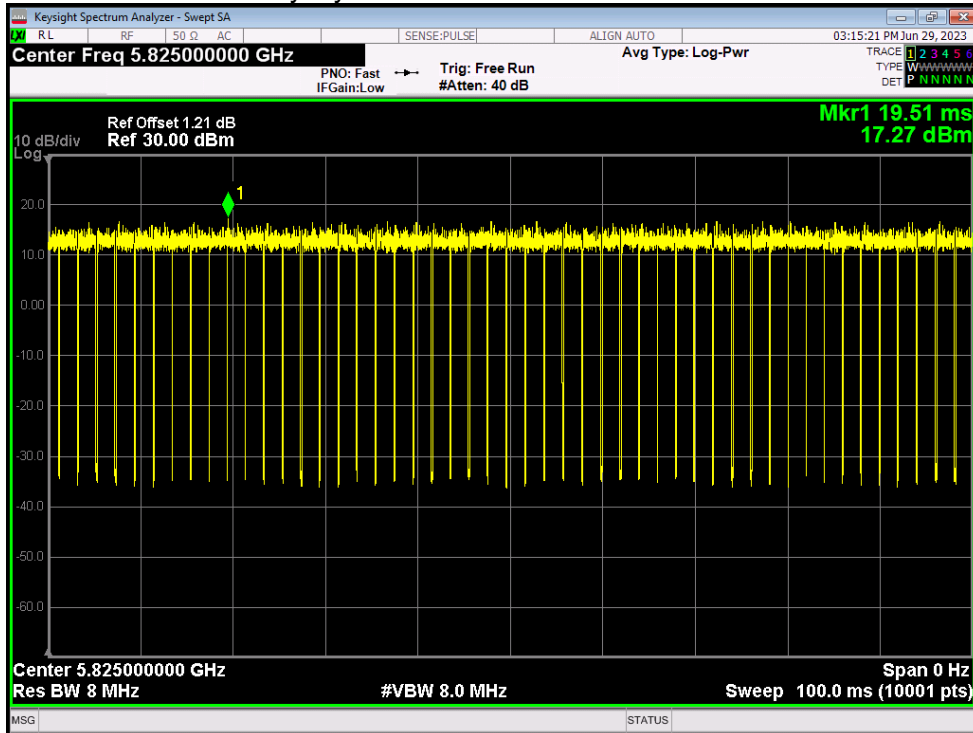
### Duty Cycle NVNT ac20 5745MHz Ant1



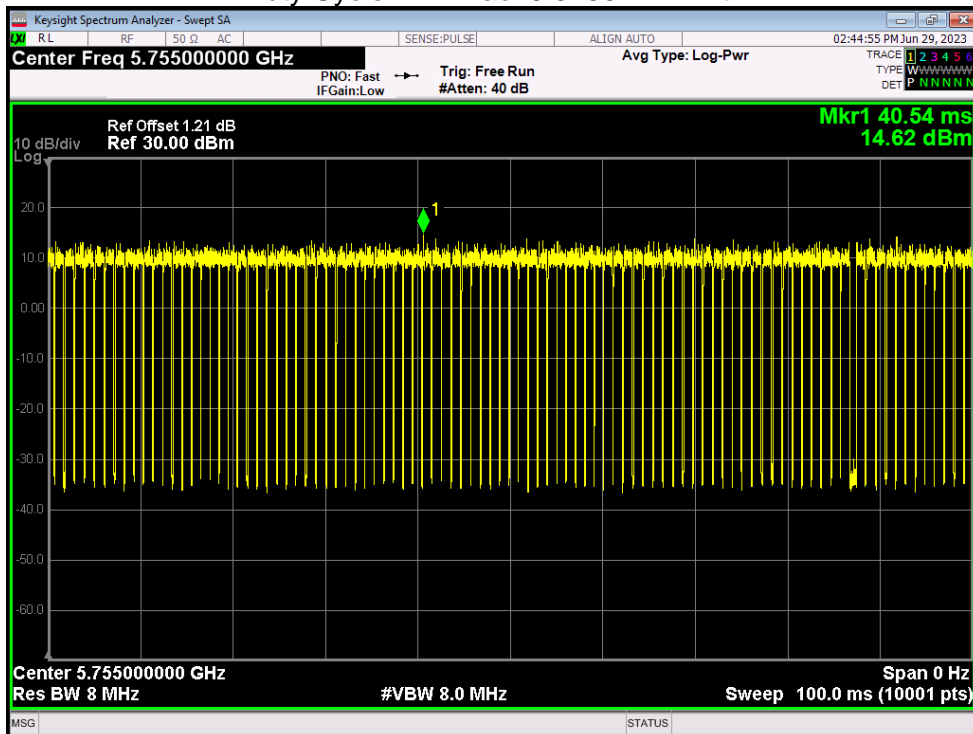
### Duty Cycle NVNT ac20 5785MHz Ant1



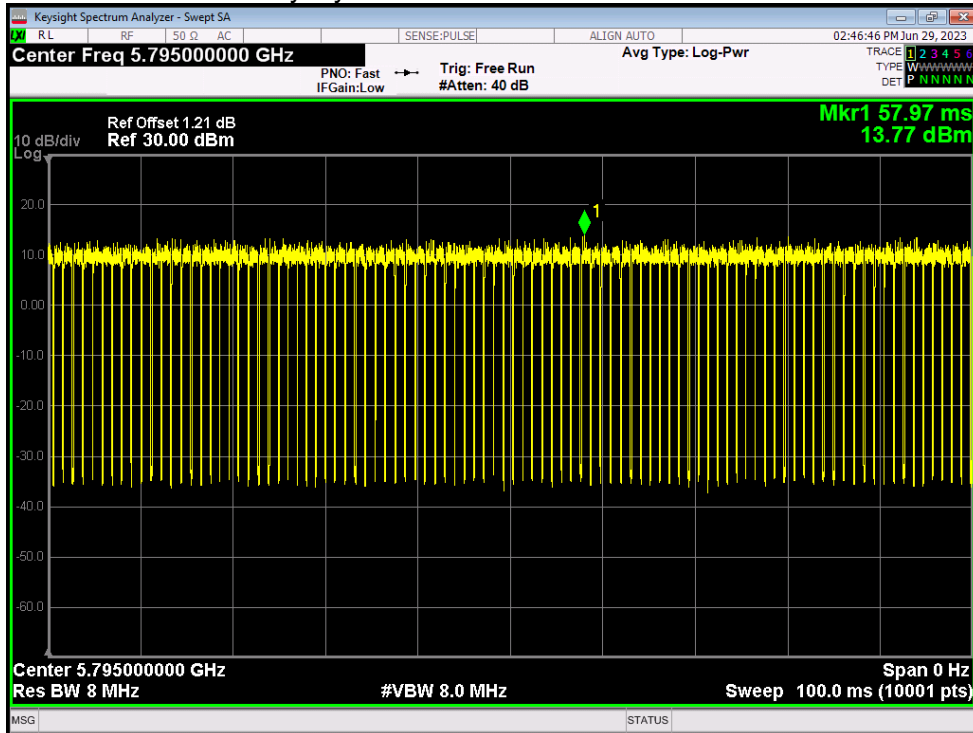
### Duty Cycle NVNT ac20 5825MHz Ant1



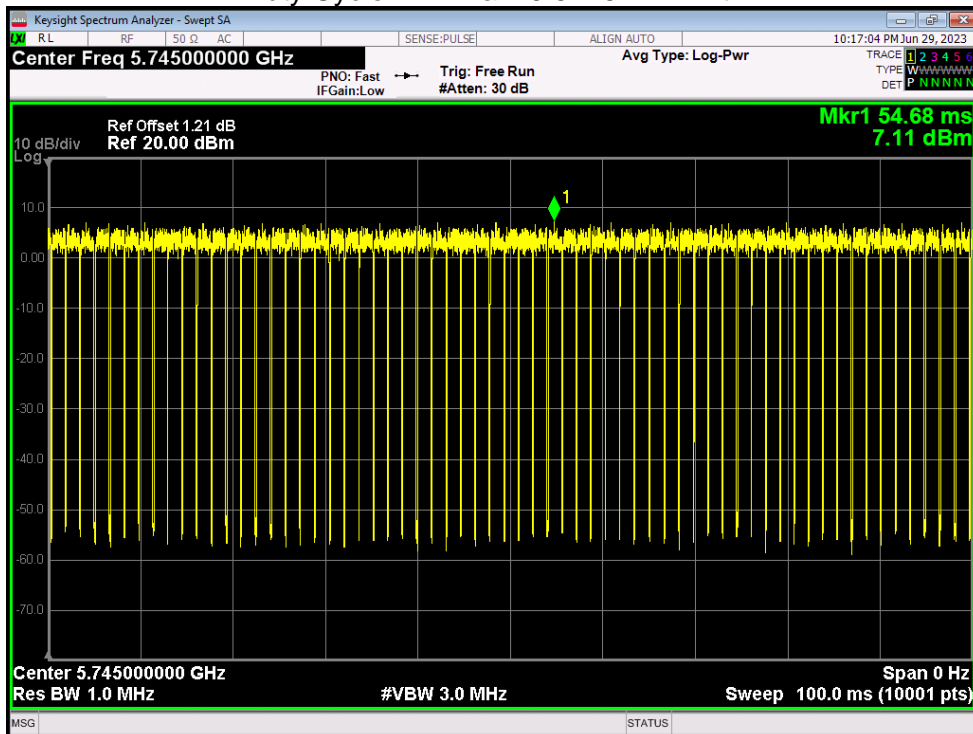
### Duty Cycle NVNT ac40 5755MHz Ant1



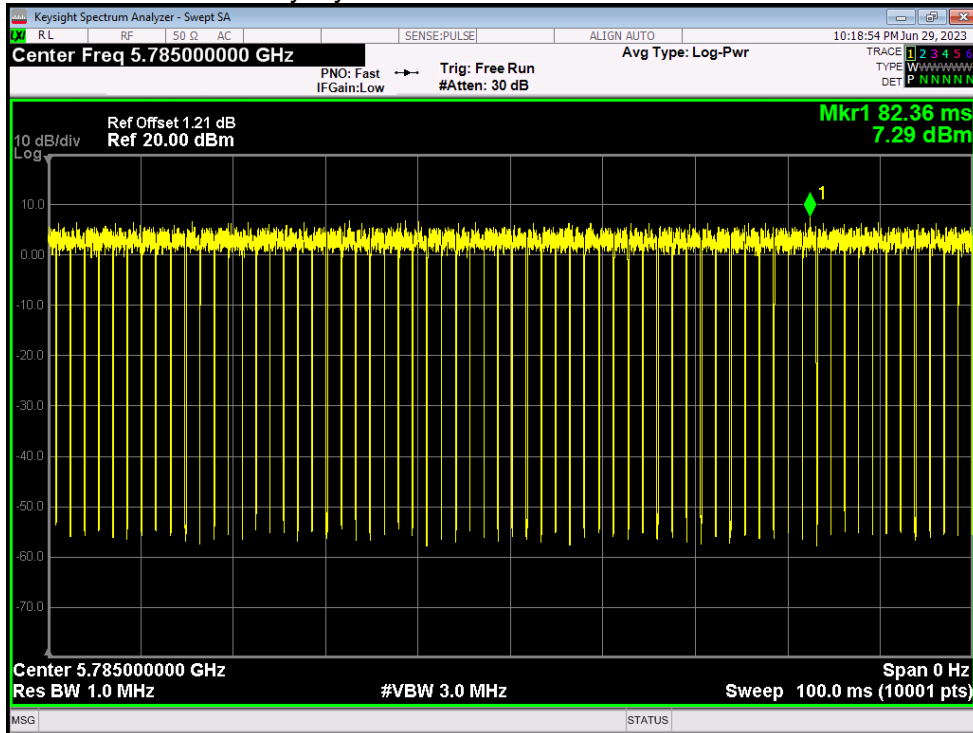
### Duty Cycle NVNT ac40 5795MHz Ant1



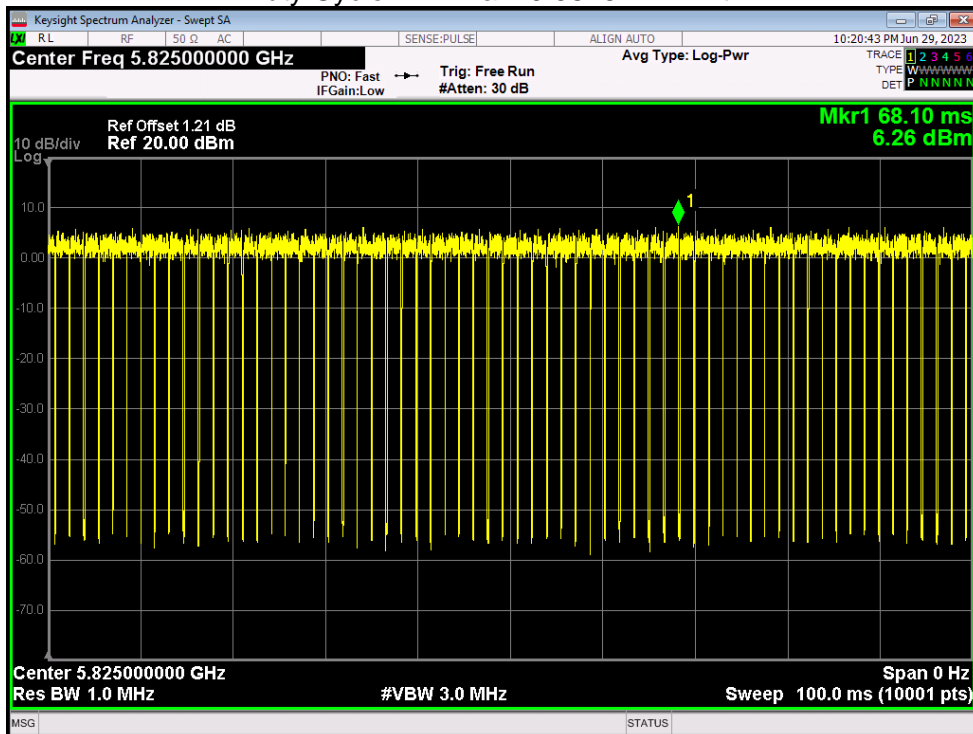
### Duty Cycle NVNT ax20 5745MHz Ant1



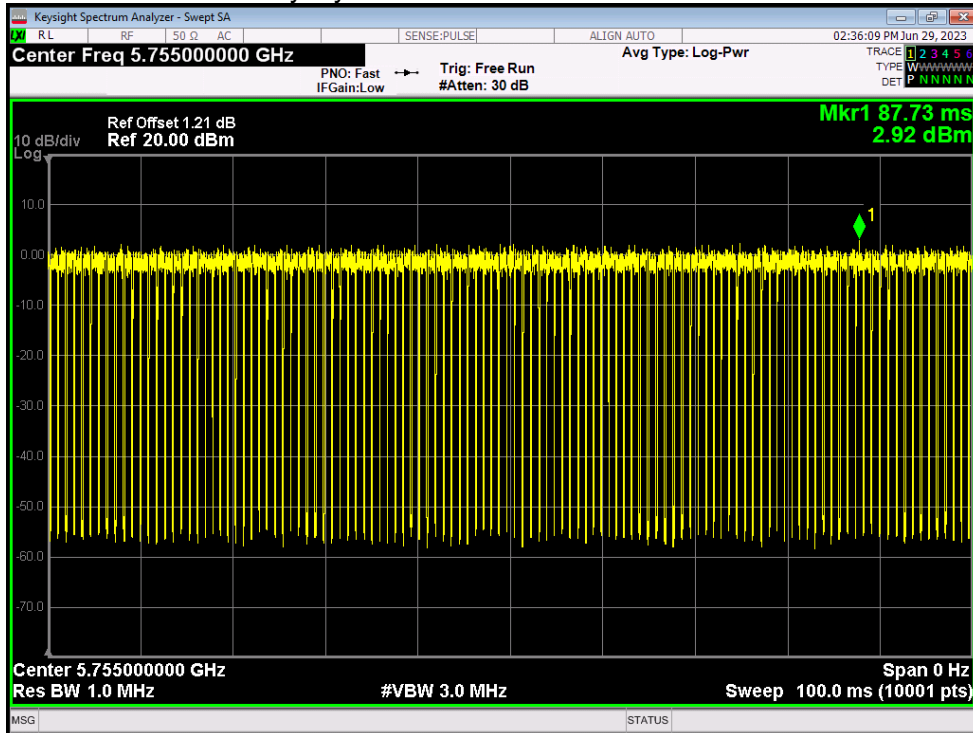
### Duty Cycle NVNT ax20 5785MHz Ant1



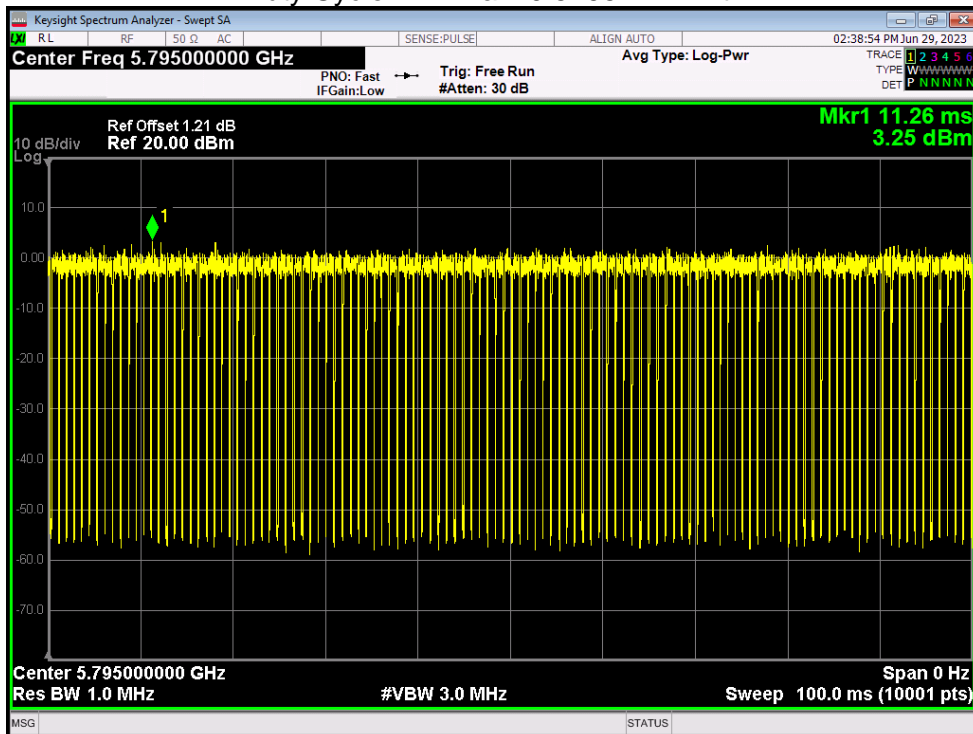
### Duty Cycle NVNT ax20 5825MHz Ant1



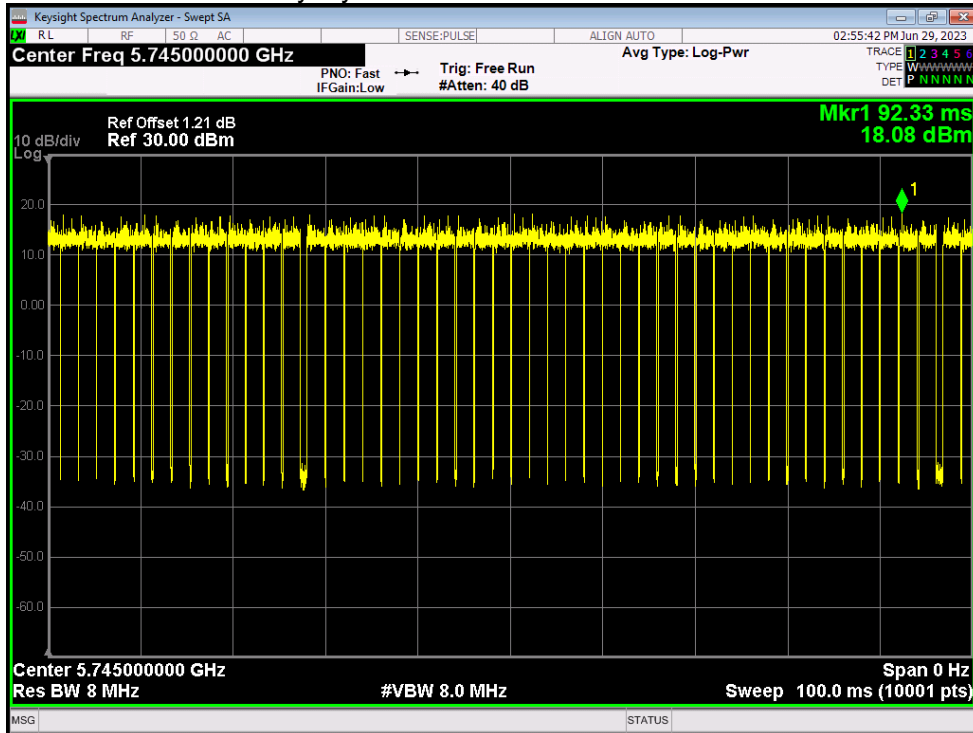
### Duty Cycle NVNT ax40 5755MHz Ant1



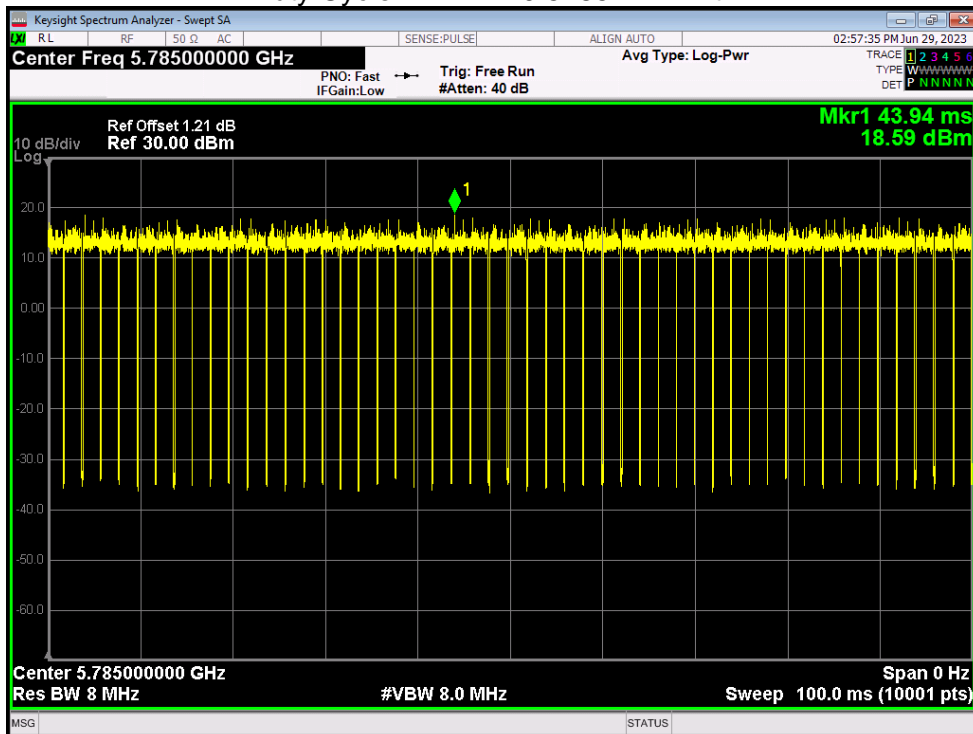
### Duty Cycle NVNT ax40 5795MHz Ant1



### Duty Cycle NVNT n20 5745MHz Ant1

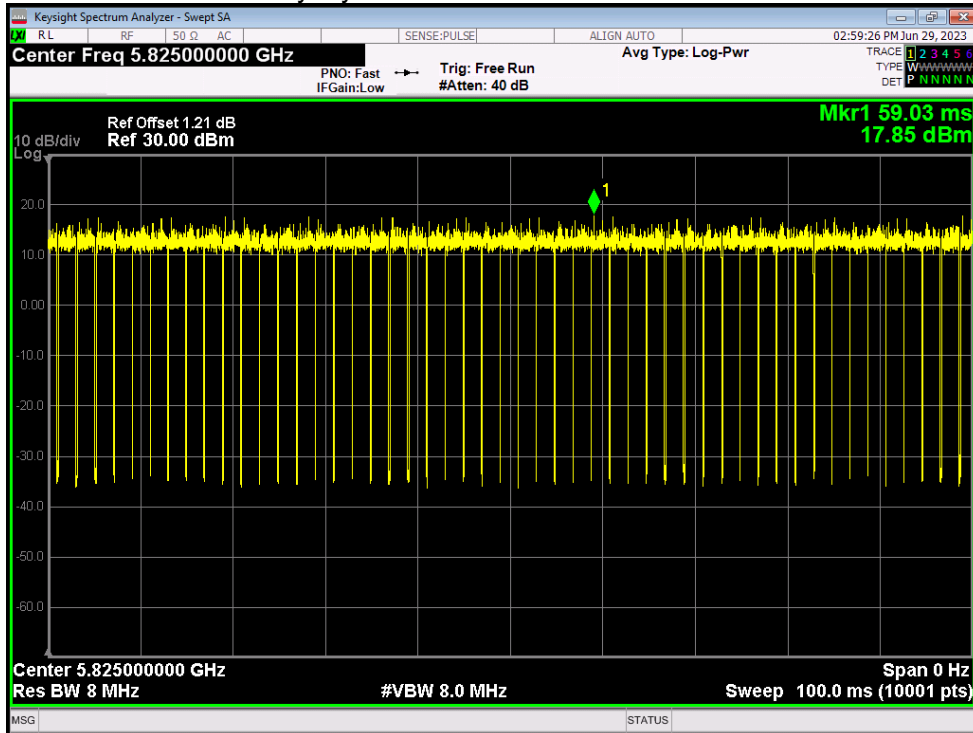


### Duty Cycle NVNT n20 5785MHz Ant1

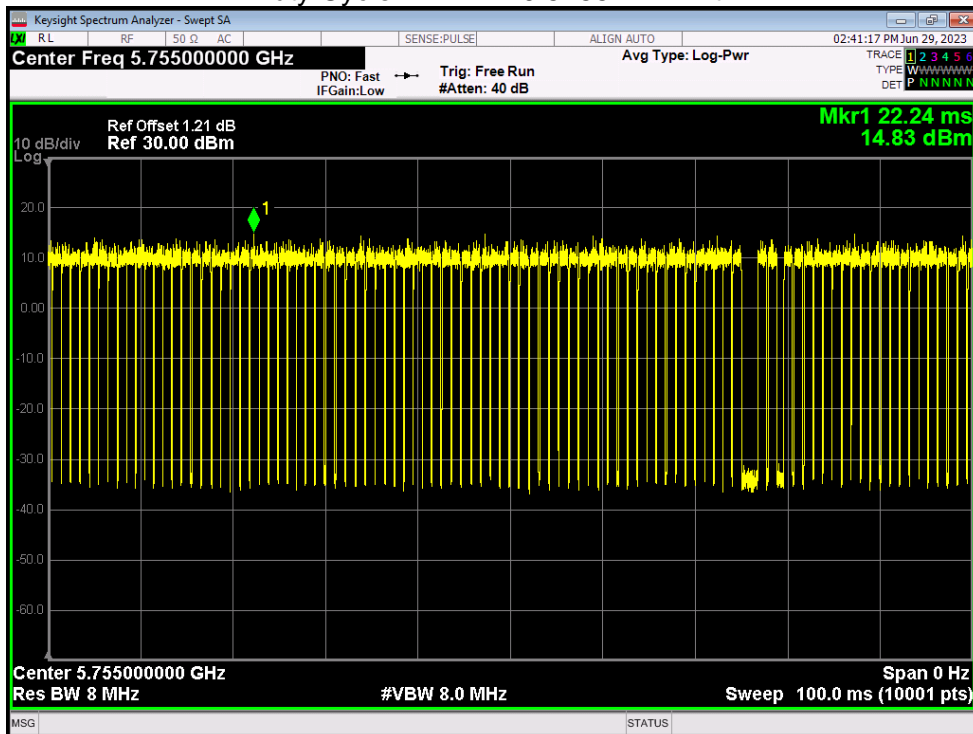




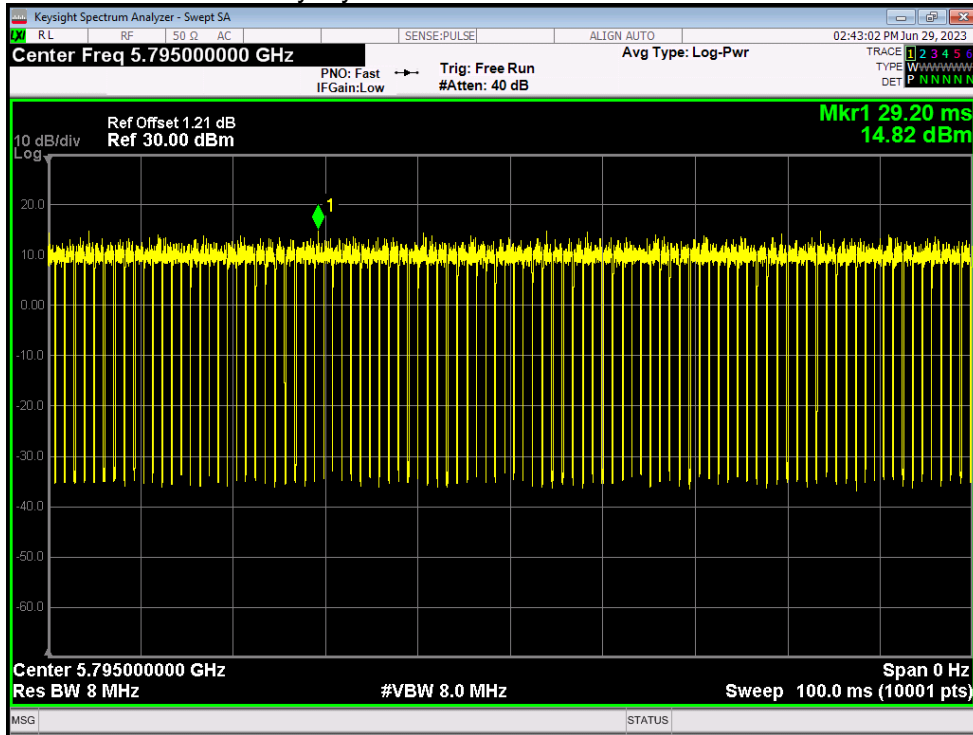
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



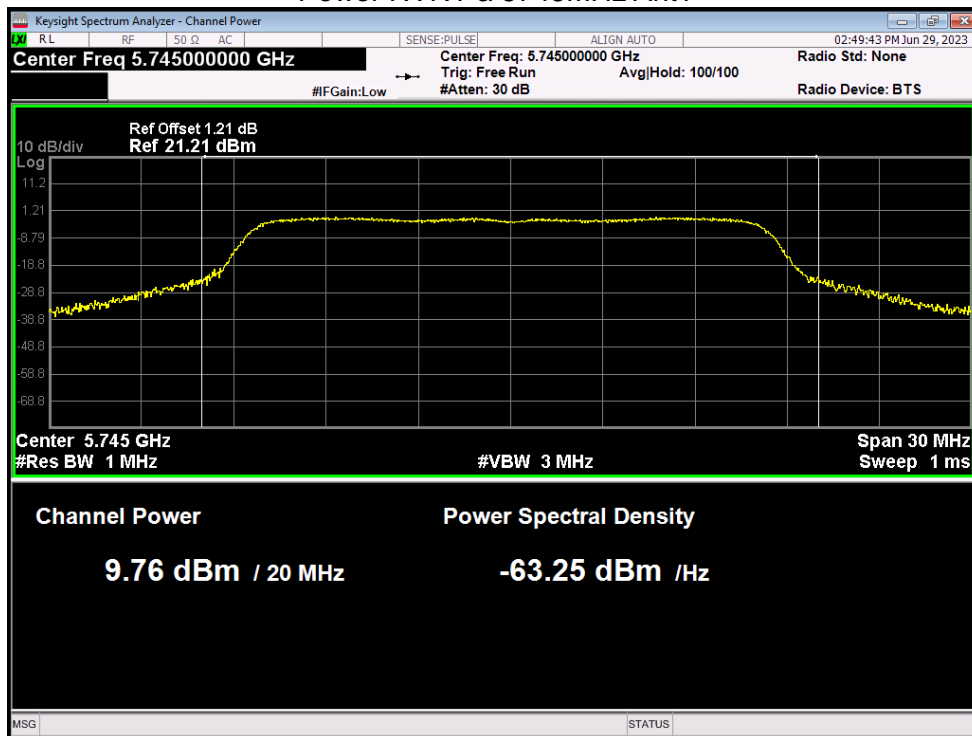
Duty Cycle NVNT n40 5795MHz Ant1



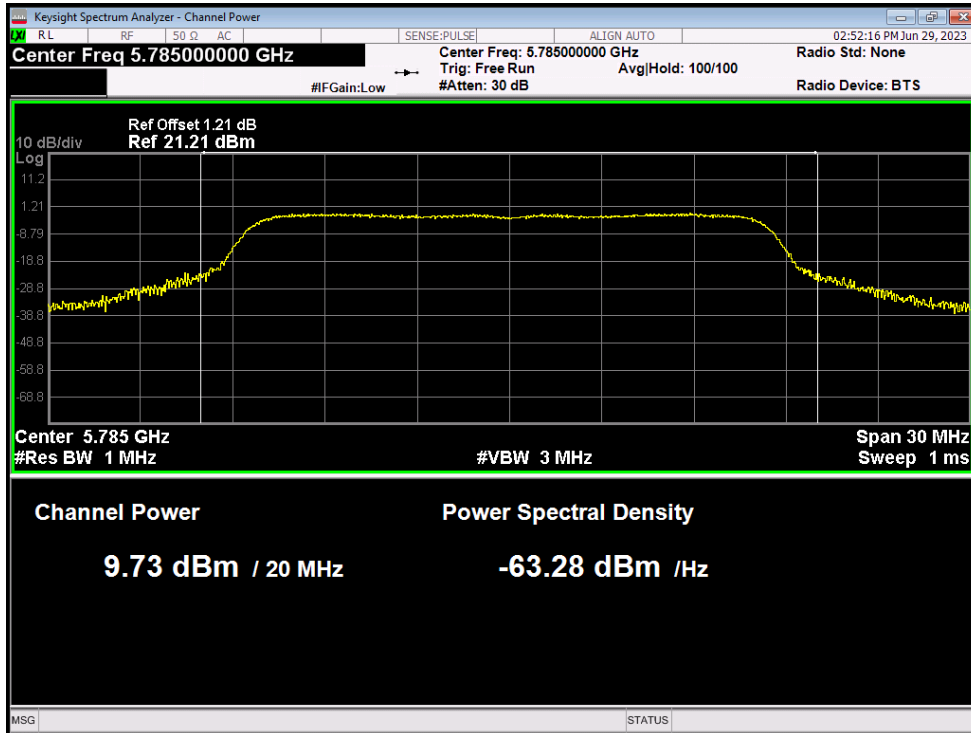
### 5.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	9.76	0.23	9.99	30	Pass
NVNT	a	5785	Ant1	9.727	0.19	9.917	30	Pass
NVNT	a	5825	Ant1	9.409	0.2	9.609	30	Pass
NVNT	ac20	5745	Ant1	9.752	0.22	9.972	30	Pass
NVNT	ac20	5785	Ant1	9.801	0.23	10.031	30	Pass
NVNT	ac20	5825	Ant1	9.409	0.24	9.649	30	Pass
NVNT	ac40	5755	Ant1	9.619	0.48	10.099	30	Pass
NVNT	ac40	5795	Ant1	9.426	0.48	9.906	30	Pass
NVNT	ax20	5745	Ant1	10.366	0.32	10.686	30	Pass
NVNT	ax20	5785	Ant1	9.996	0.24	10.236	30	Pass
NVNT	ax20	5825	Ant1	9.459	0.28	9.739	30	Pass
NVNT	ax40	5755	Ant1	9.259	0.56	9.819	30	Pass
NVNT	ax40	5795	Ant1	9.403	0.53	9.933	30	Pass
NVNT	n20	5745	Ant1	9.721	0.28	10.001	30	Pass
NVNT	n20	5785	Ant1	9.754	0.23	9.984	30	Pass
NVNT	n20	5825	Ant1	9.383	0.2	9.583	30	Pass
NVNT	n40	5755	Ant1	9.53	0.52	10.05	30	Pass
NVNT	n40	5795	Ant1	9.426	0.44	9.866	30	Pass

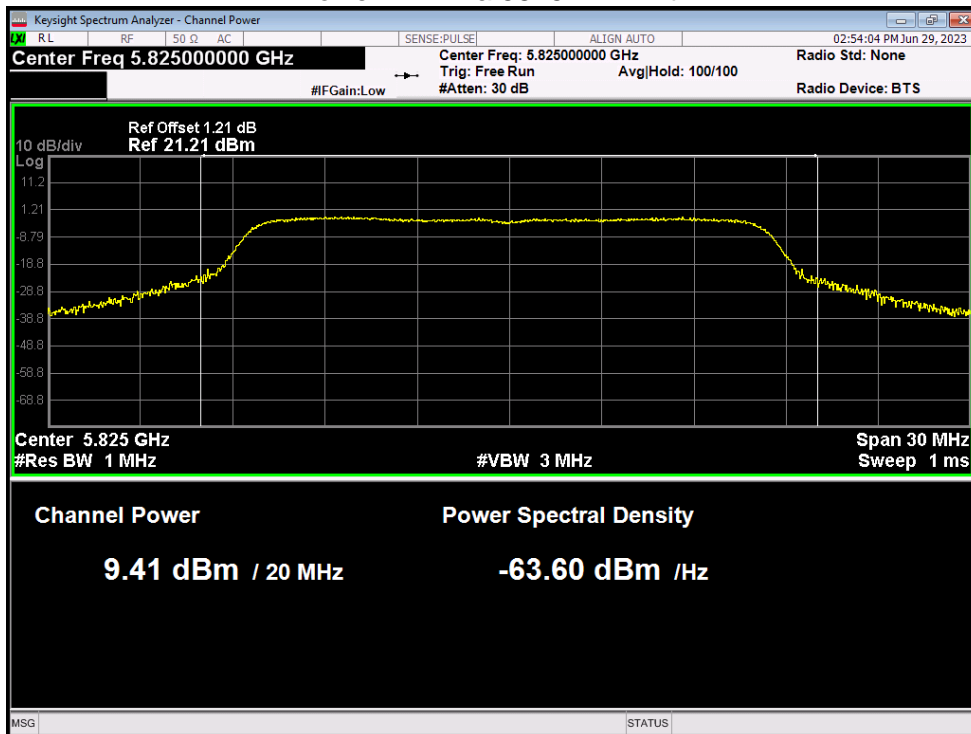
Power NVNT a 5745MHz Ant1



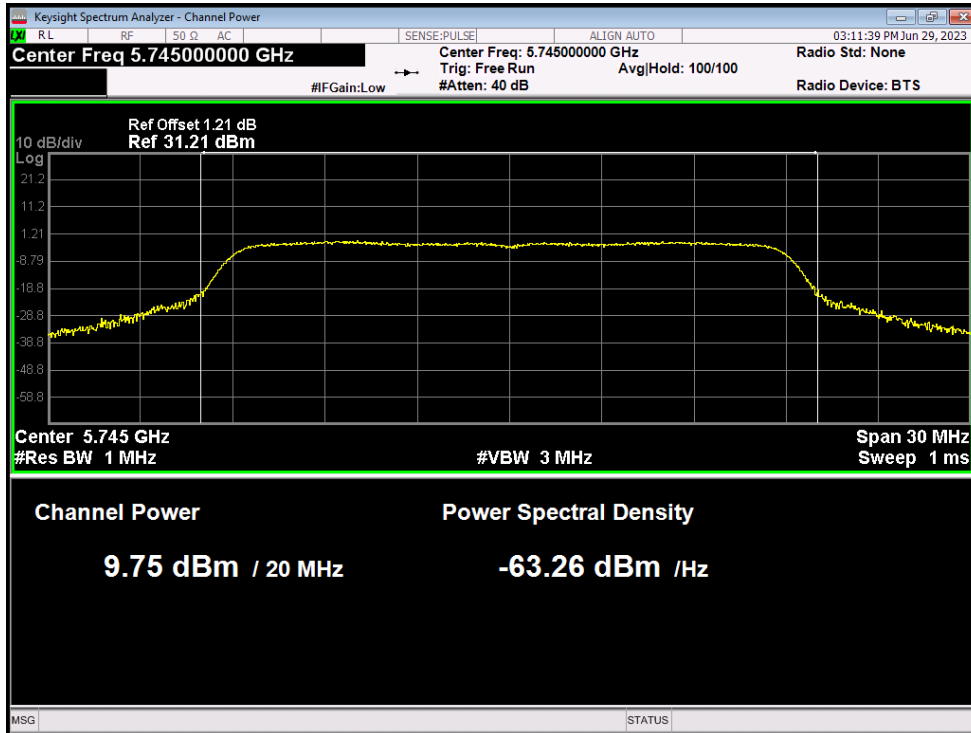
Power NVNT a 5785MHz Ant1



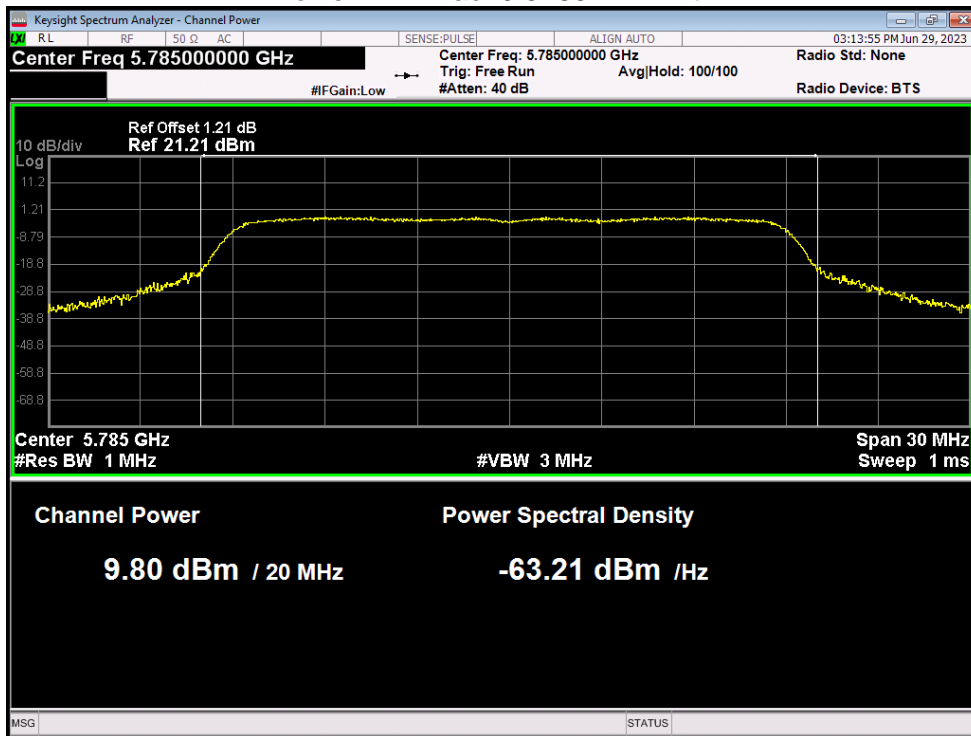
Power NVNT a 5825MHz Ant1



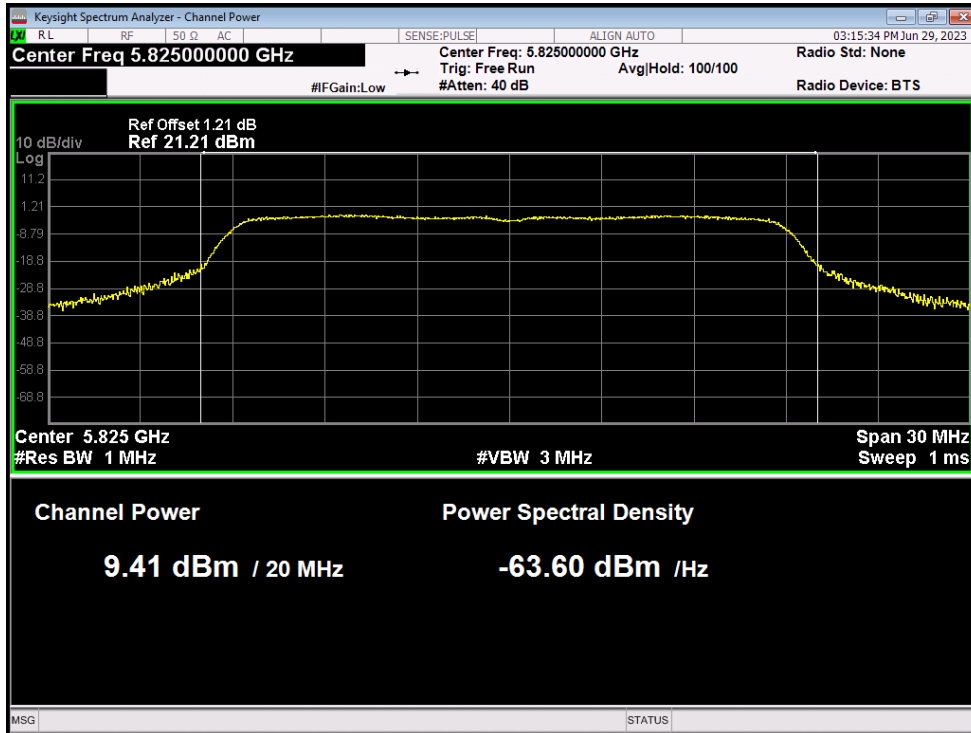
Power NVNT ac20 5745MHz Ant1



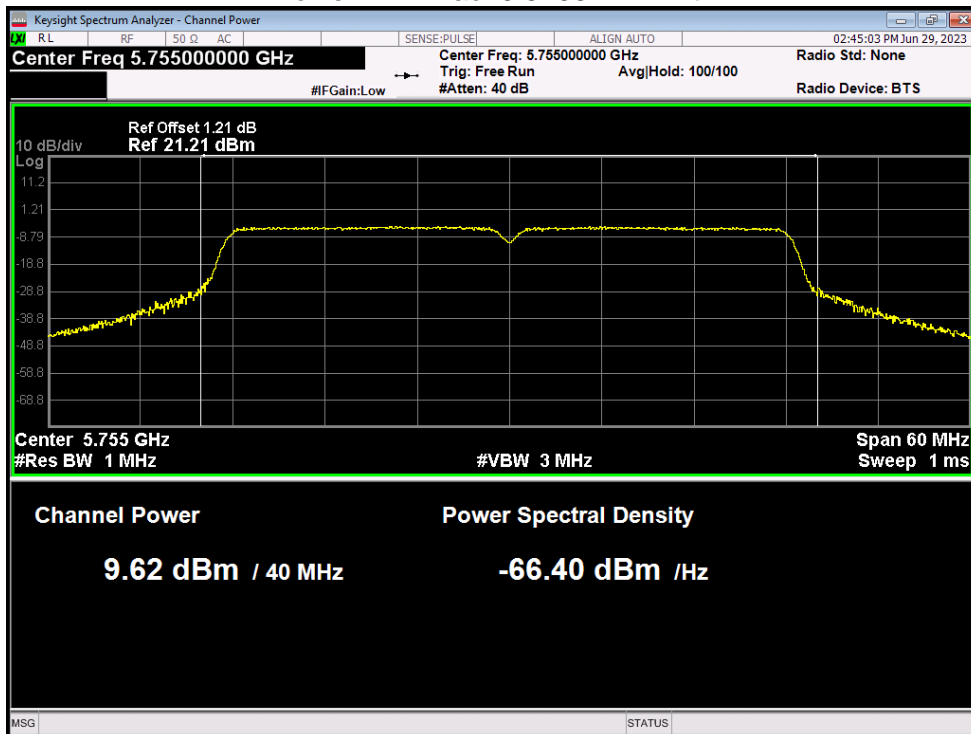
Power NVNT ac20 5785MHz Ant1



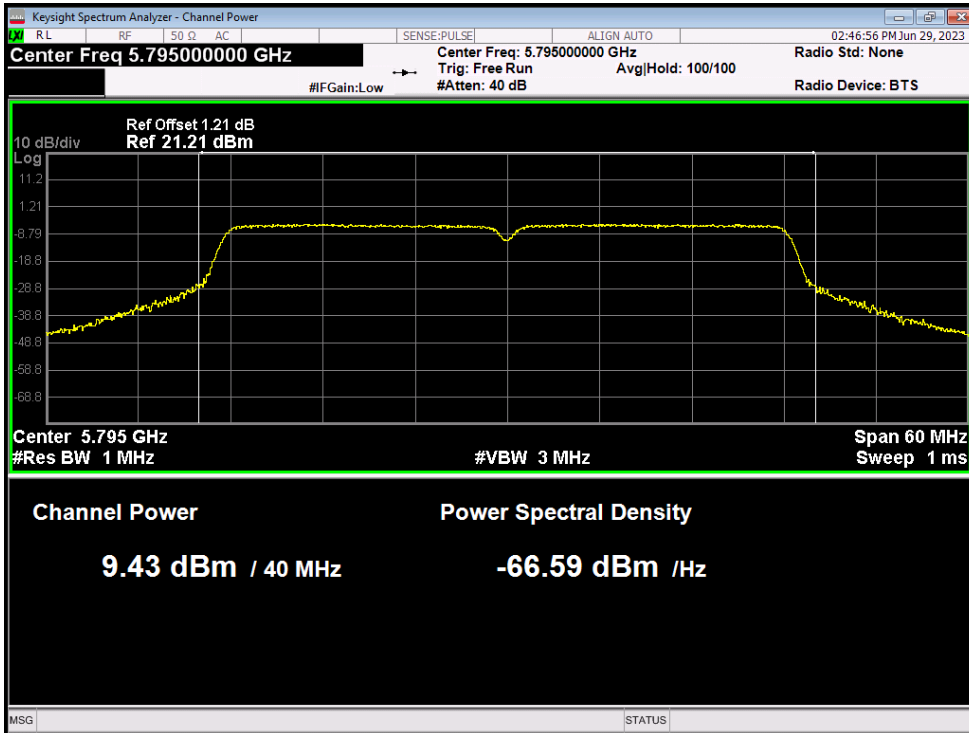
Power NVNT ac20 5825MHz Ant1



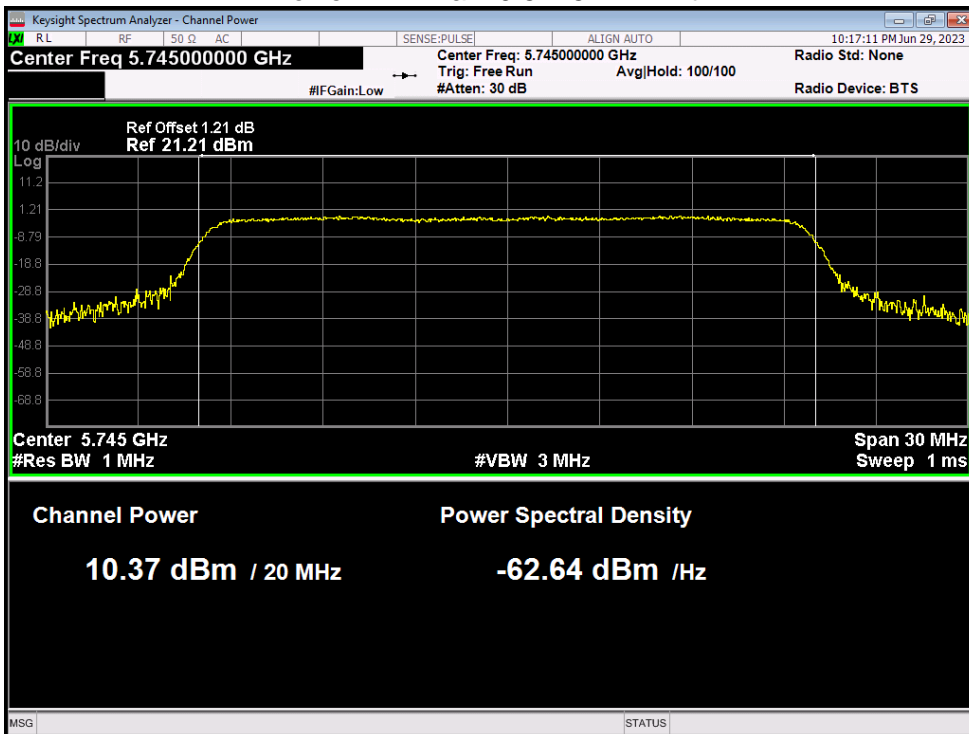
Power NVNT ac40 5755MHz Ant1



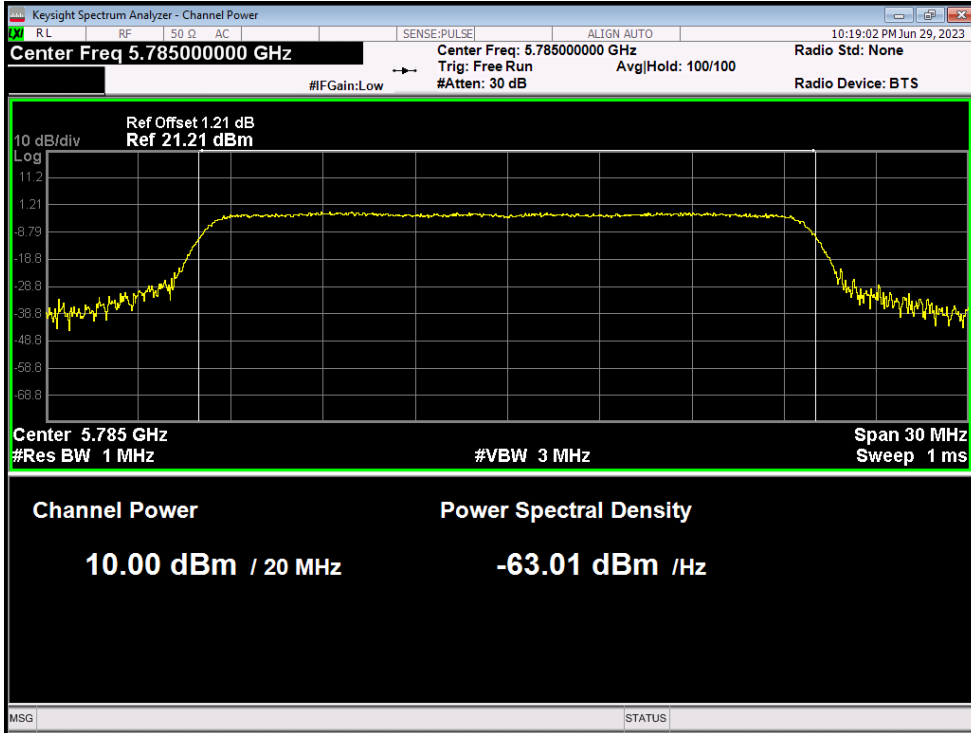
Power NVNT ac40 5795MHz Ant1



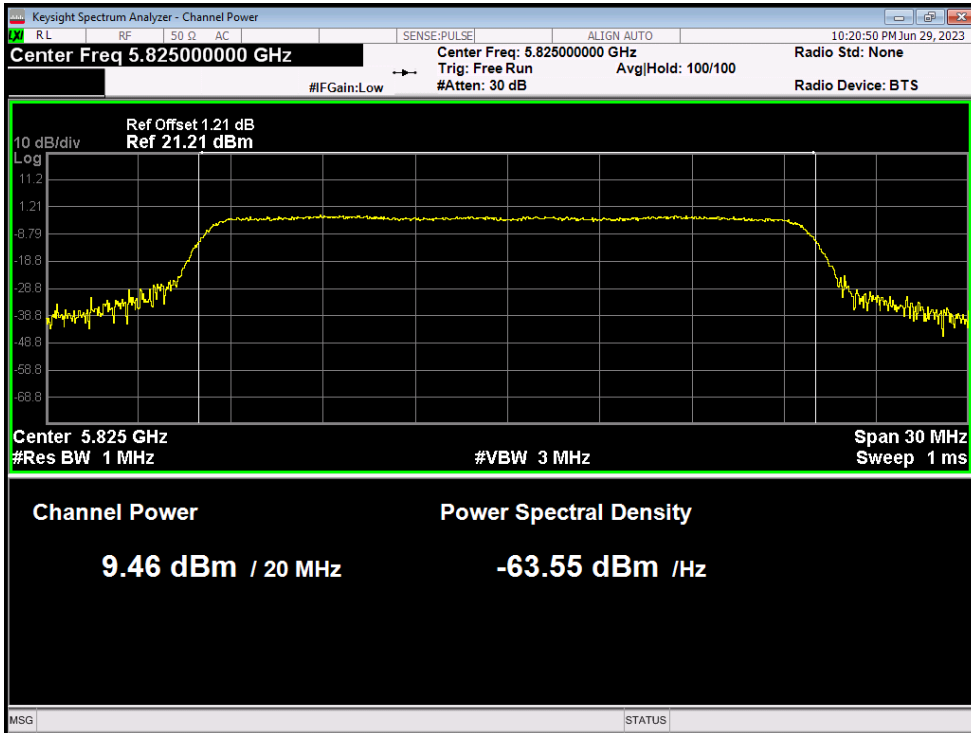
Power NVNT ax20 5745MHz Ant1



Power NVNT ax20 5785MHz Ant1

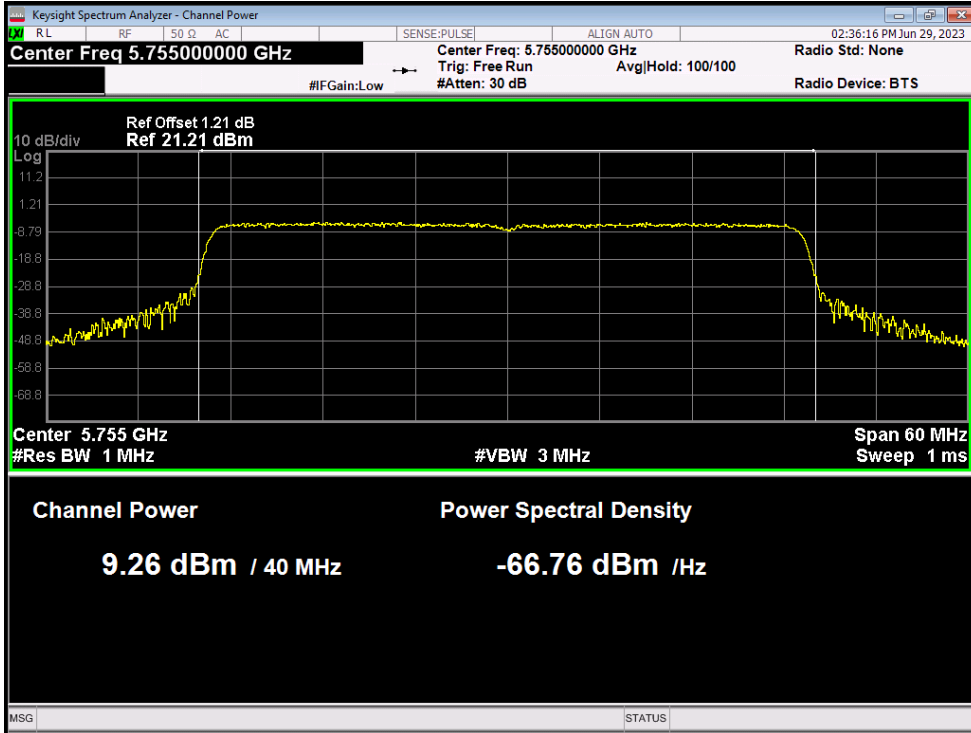


Power NVNT ax20 5825MHz Ant1

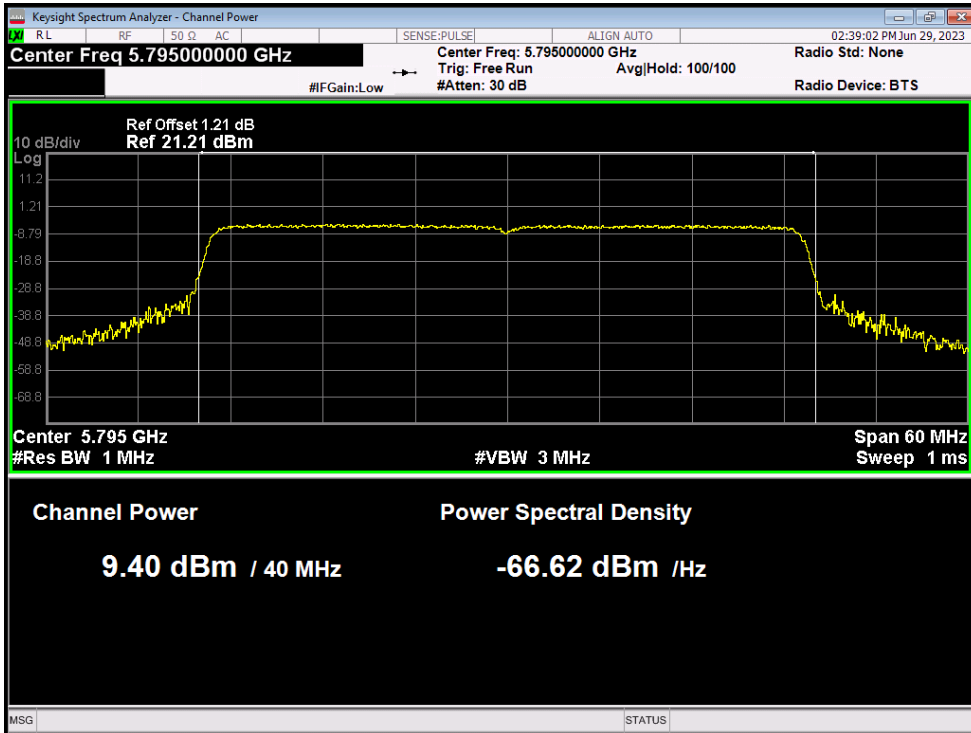




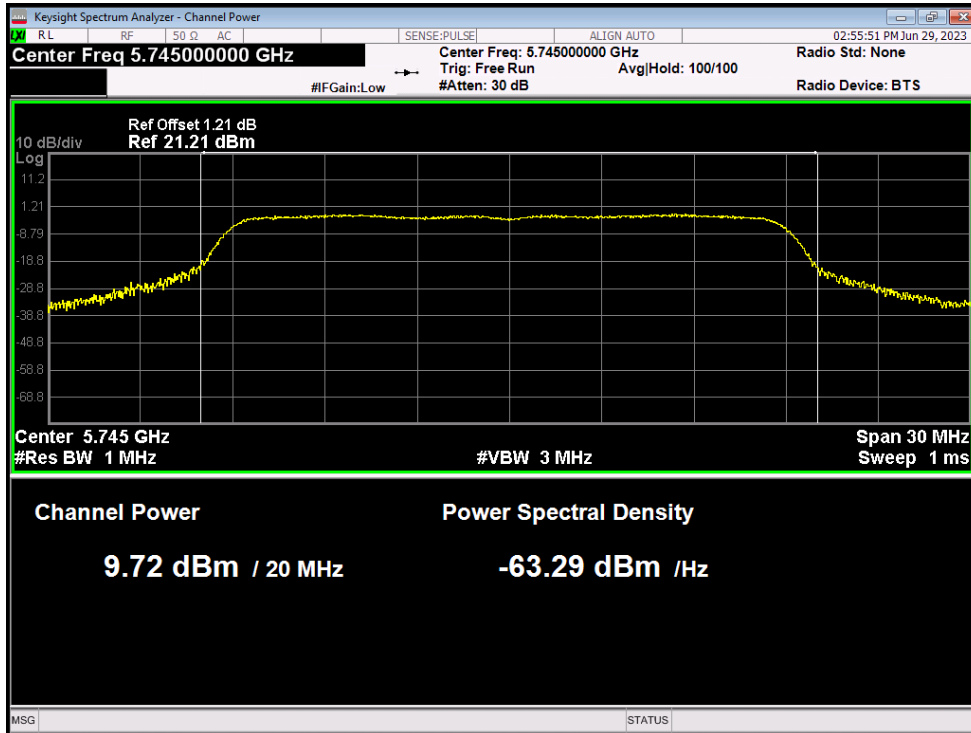
Power NVNT ax40 5755MHz Ant1



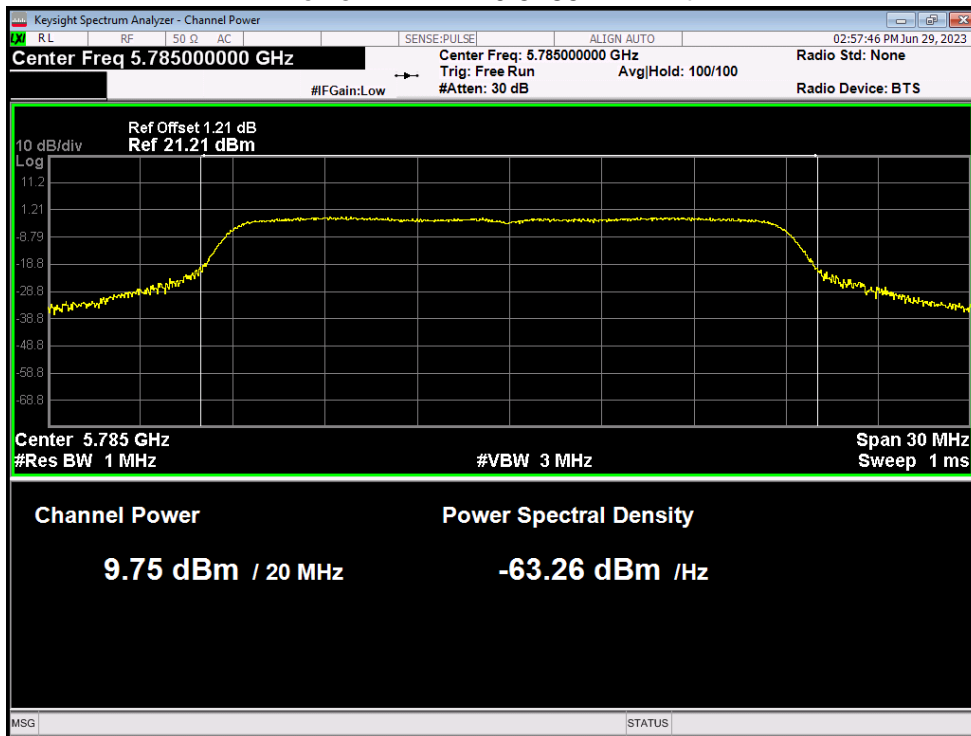
Power NVNT ax40 5795MHz Ant1



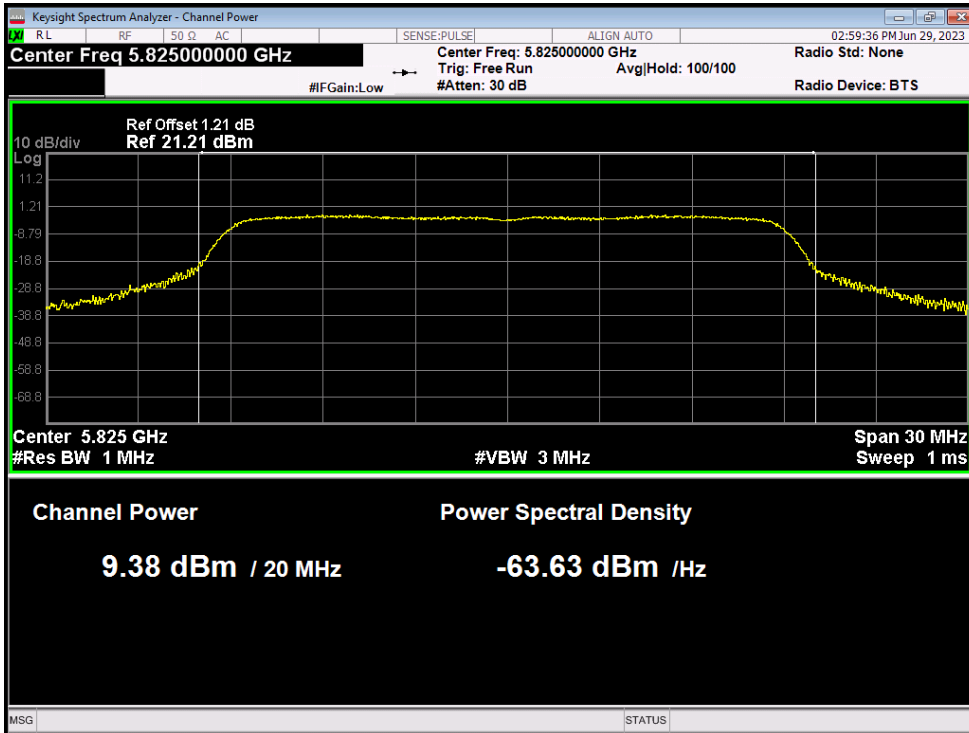
Power NVNT n20 5745MHz Ant1



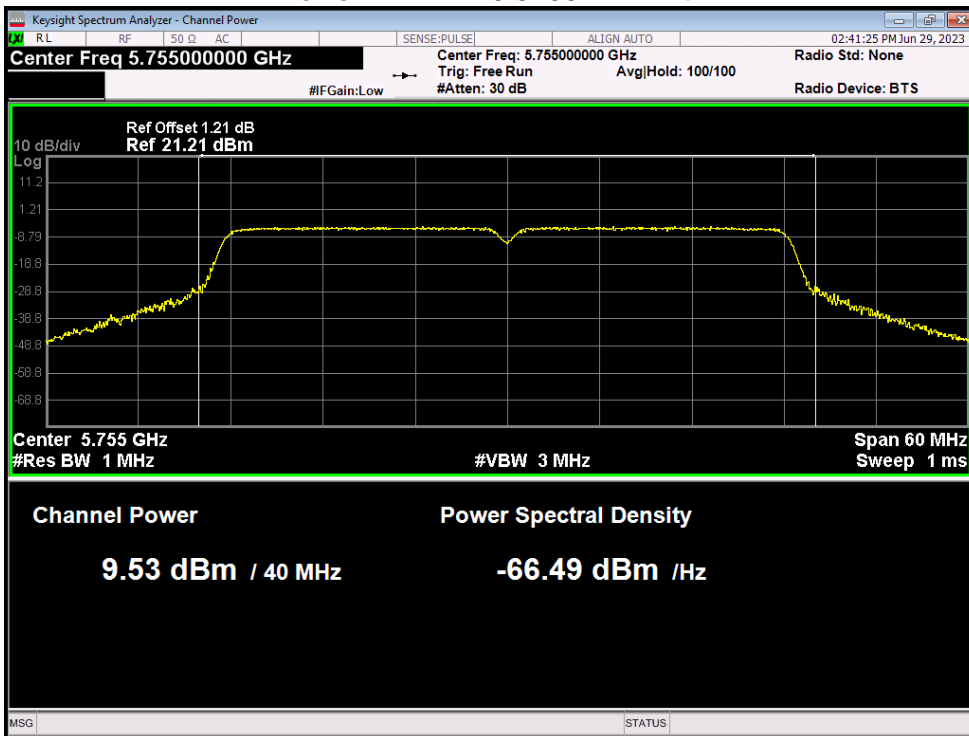
Power NVNT n20 5785MHz Ant1



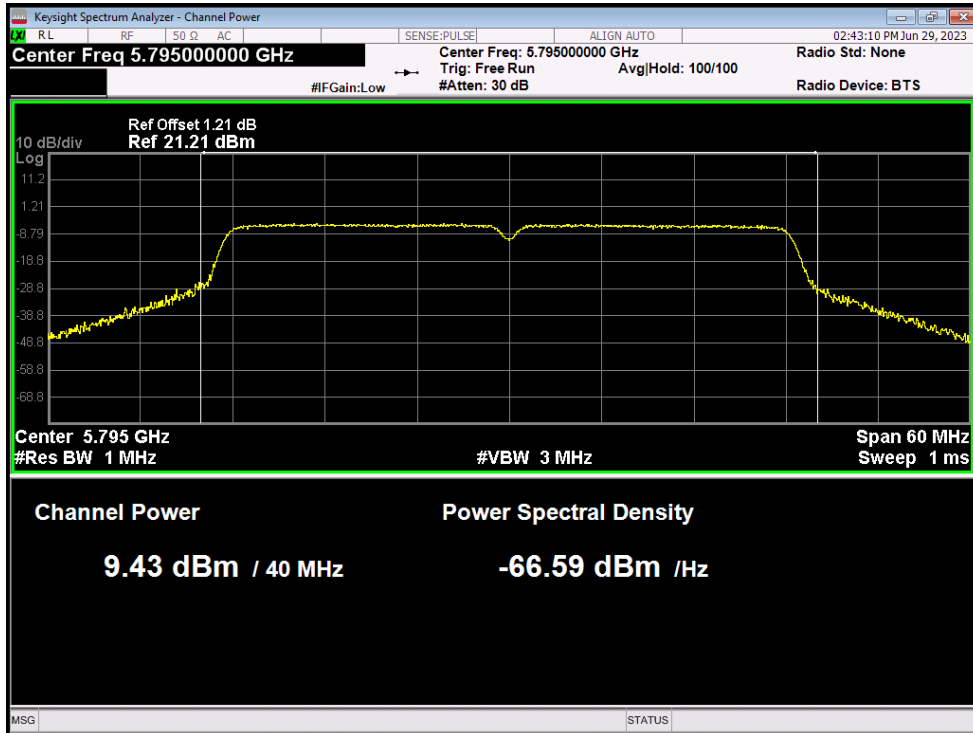
**Power NVNT n20 5825MHz Ant1**



**Power NVNT n40 5755MHz Ant1**



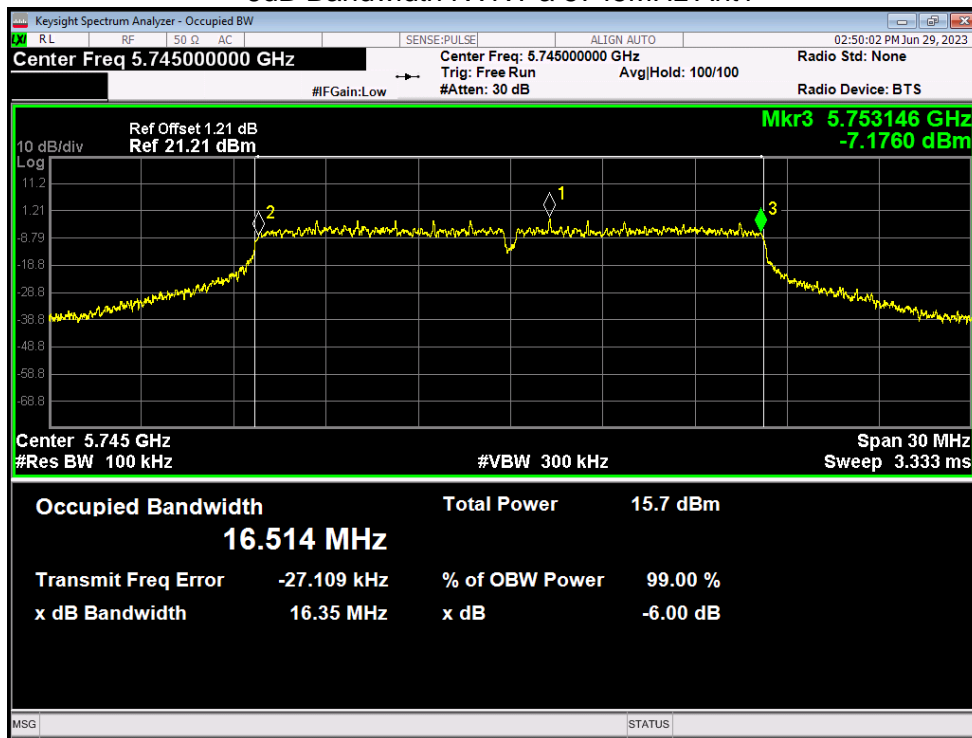
Power NVNT n40 5795MHz Ant1



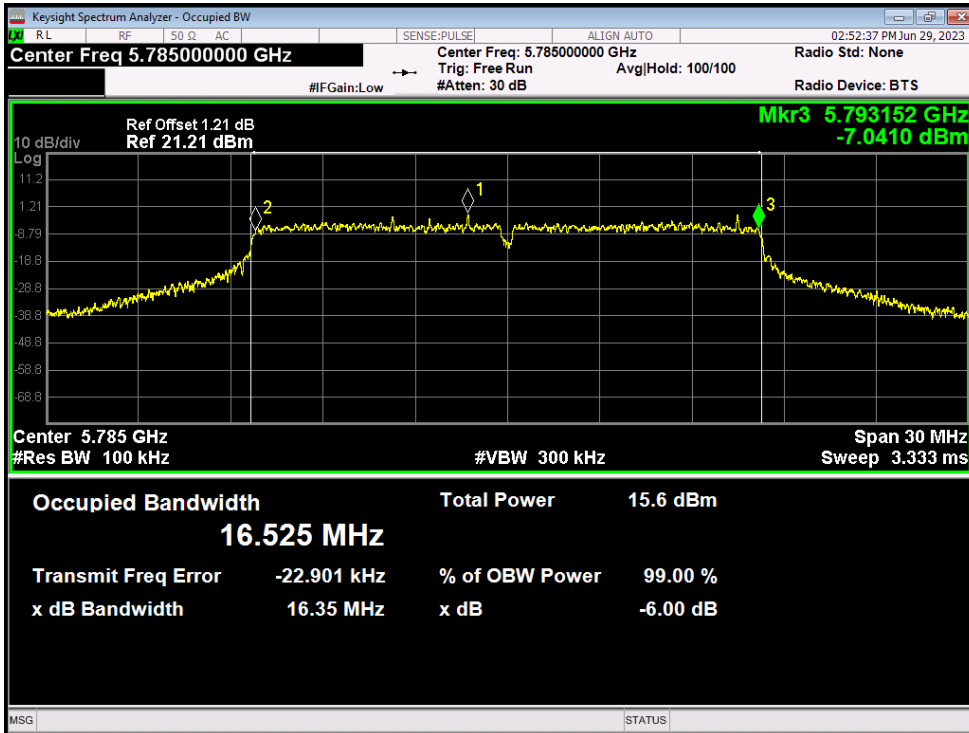
**5.3 -6DB BANDWIDTH**

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.345	0.5	Pass
NVNT	a	5785	Ant1	16.35	0.5	Pass
NVNT	a	5825	Ant1	16.321	0.5	Pass
NVNT	ac20	5745	Ant1	17.618	0.5	Pass
NVNT	ac20	5785	Ant1	17.614	0.5	Pass
NVNT	ac20	5825	Ant1	17.596	0.5	Pass
NVNT	ac40	5755	Ant1	36.473	0.5	Pass
NVNT	ac40	5795	Ant1	36.339	0.5	Pass
NVNT	ax20	5745	Ant1	19.046	0.5	Pass
NVNT	ax20	5785	Ant1	19.054	0.5	Pass
NVNT	ax20	5825	Ant1	19.079	0.5	Pass
NVNT	ax40	5755	Ant1	37.83	0.5	Pass
NVNT	ax40	5795	Ant1	37.834	0.5	Pass
NVNT	n20	5745	Ant1	17.62	0.5	Pass
NVNT	n20	5785	Ant1	17.634	0.5	Pass
NVNT	n20	5825	Ant1	17.634	0.5	Pass
NVNT	n40	5755	Ant1	36.363	0.5	Pass
NVNT	n40	5795	Ant1	36.475	0.5	Pass

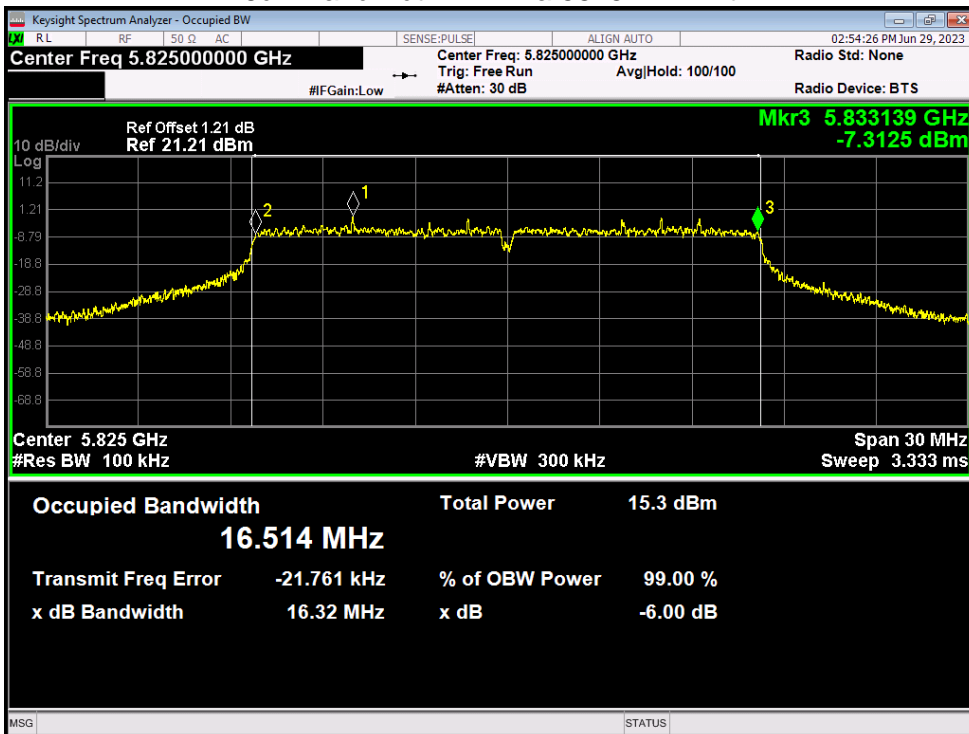
-6dB Bandwidth NVNT a 5745MHz Ant1



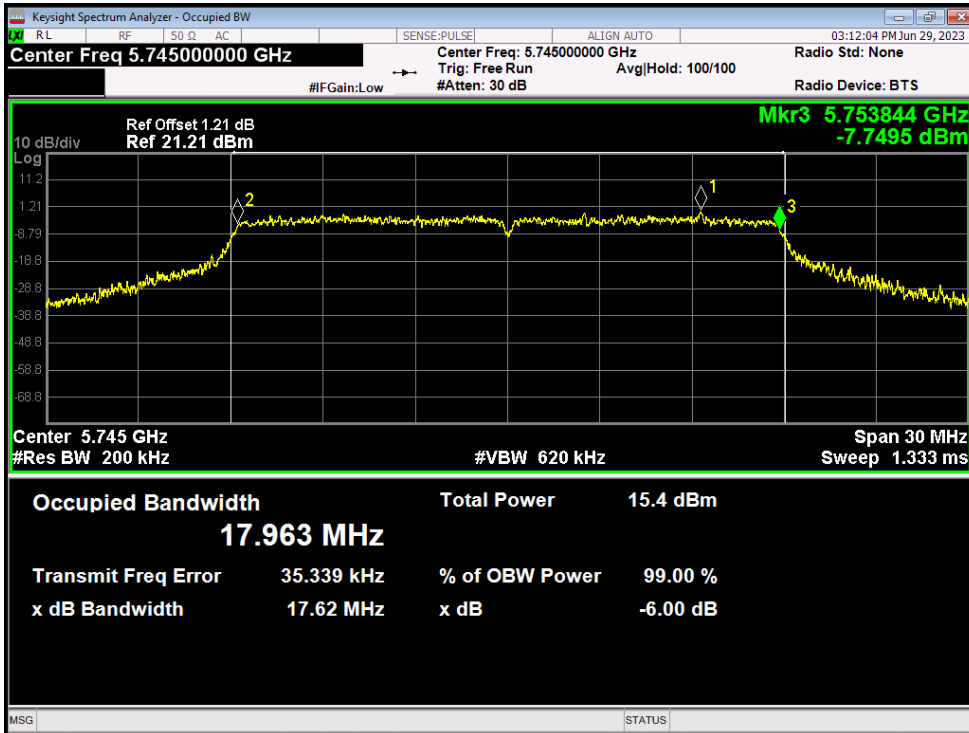
-6dB Bandwidth NVNT a 5785MHz Ant1



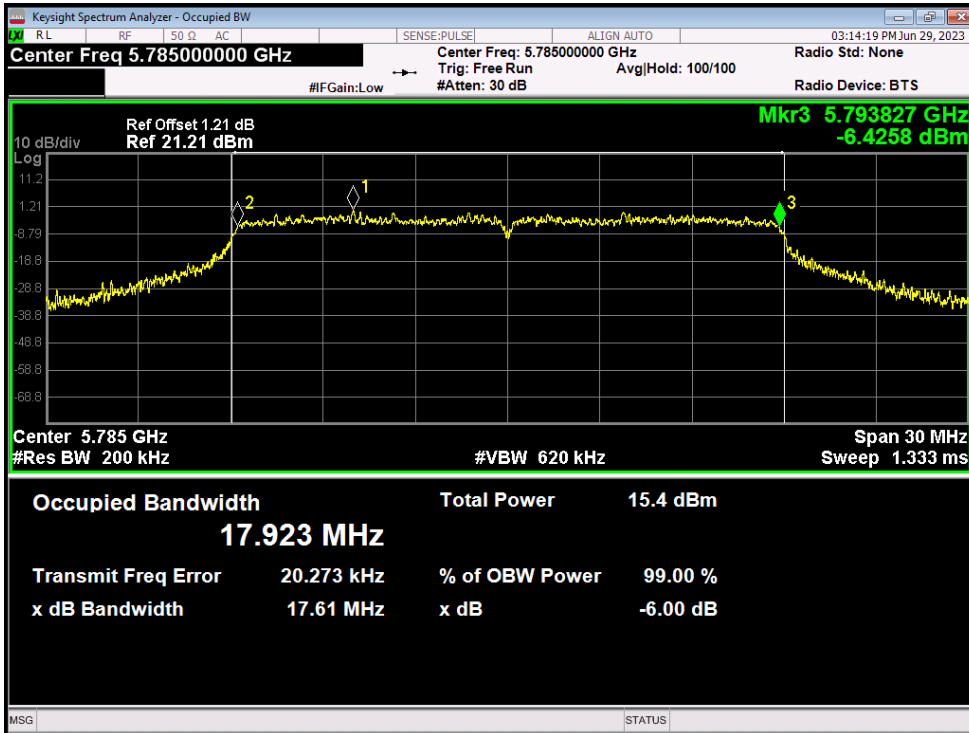
-6dB Bandwidth NVNT a 5825MHz Ant1



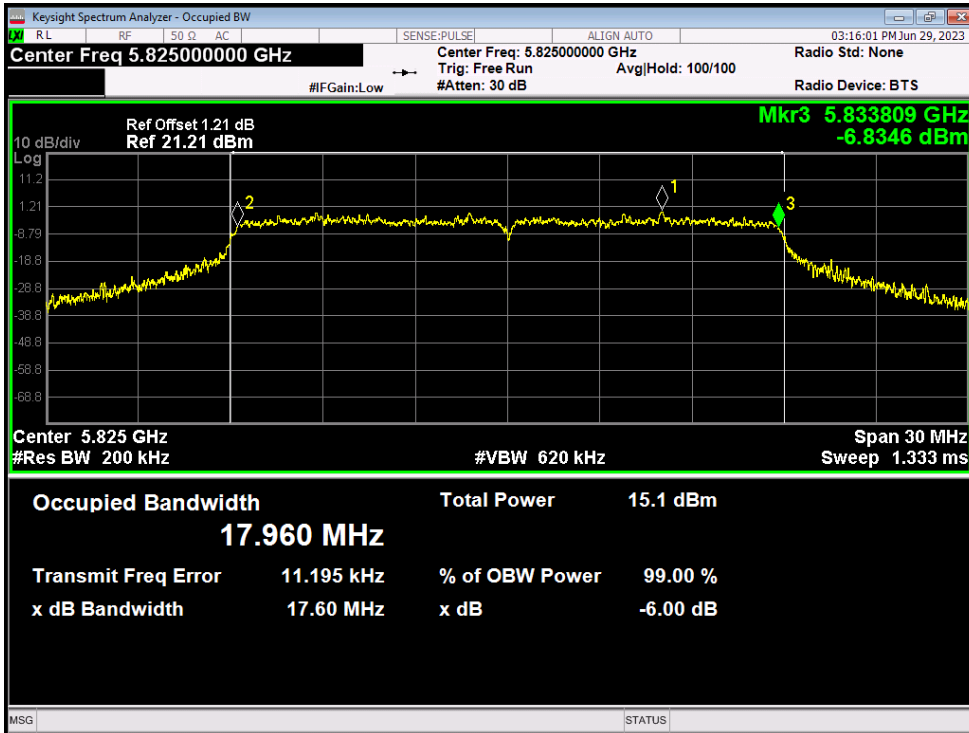
-6dB Bandwidth NVNT ac20 5745MHz Ant1



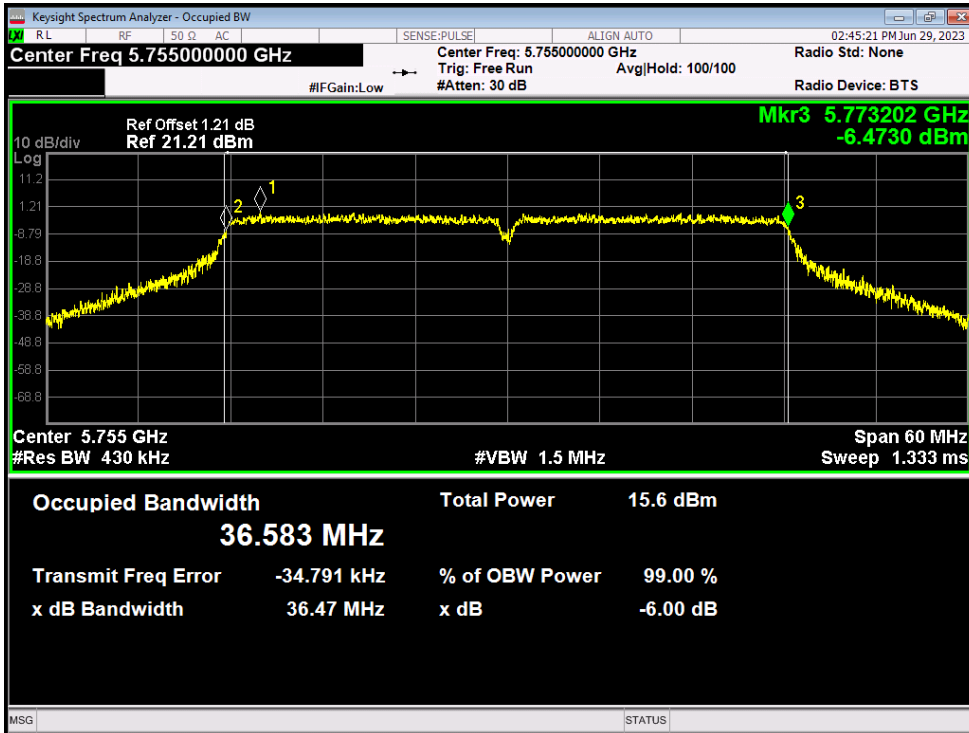
-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1

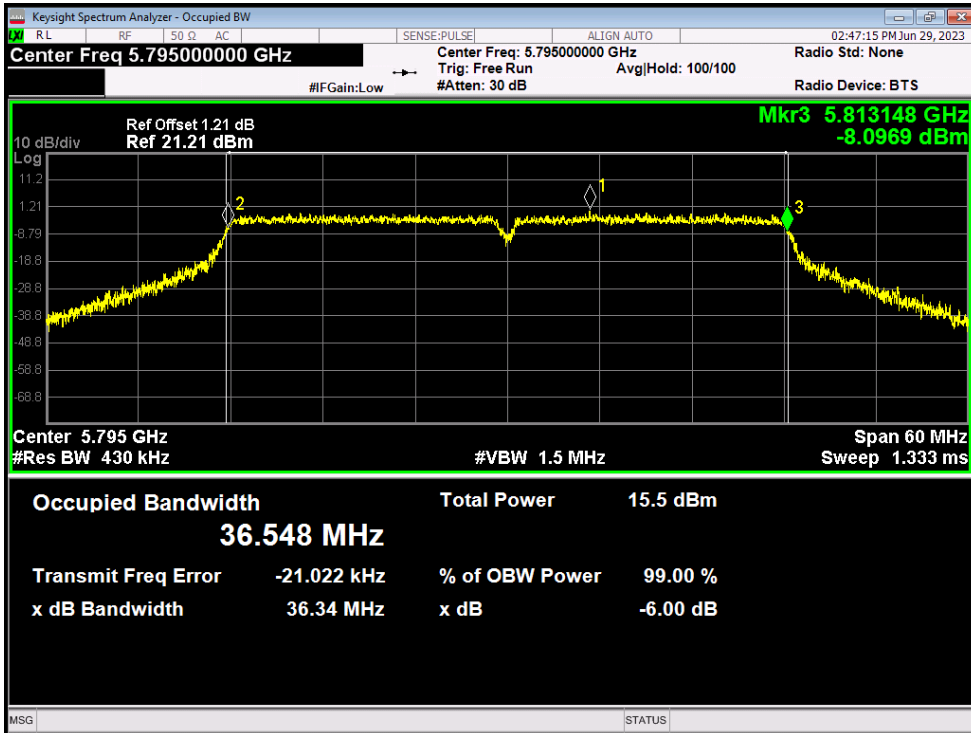


-6dB Bandwidth NVNT ac40 5755MHz Ant1

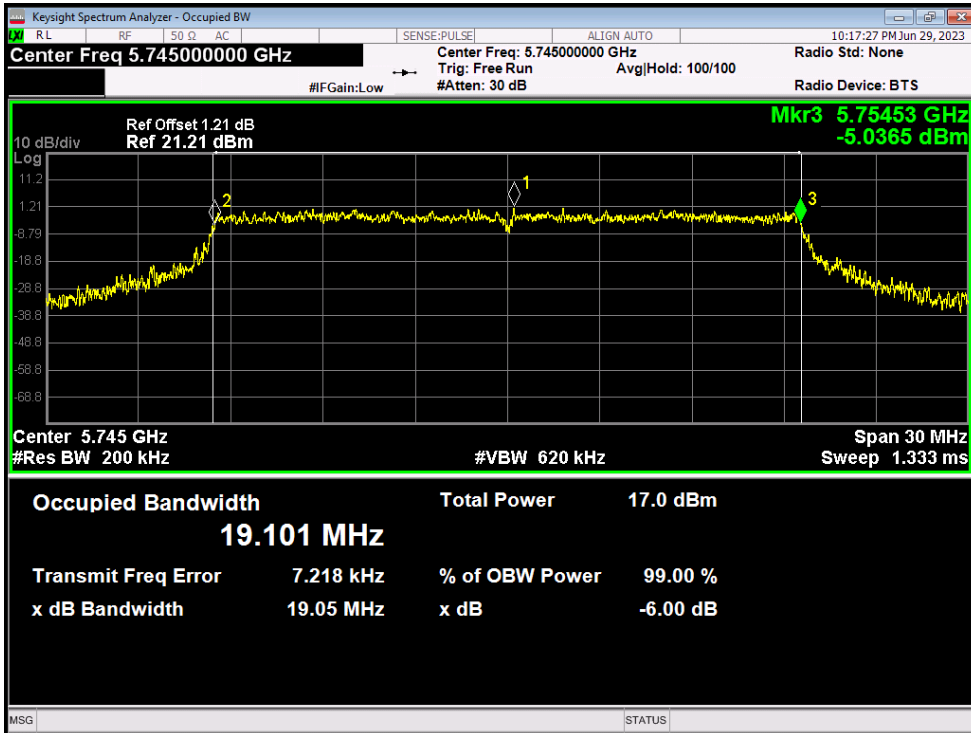




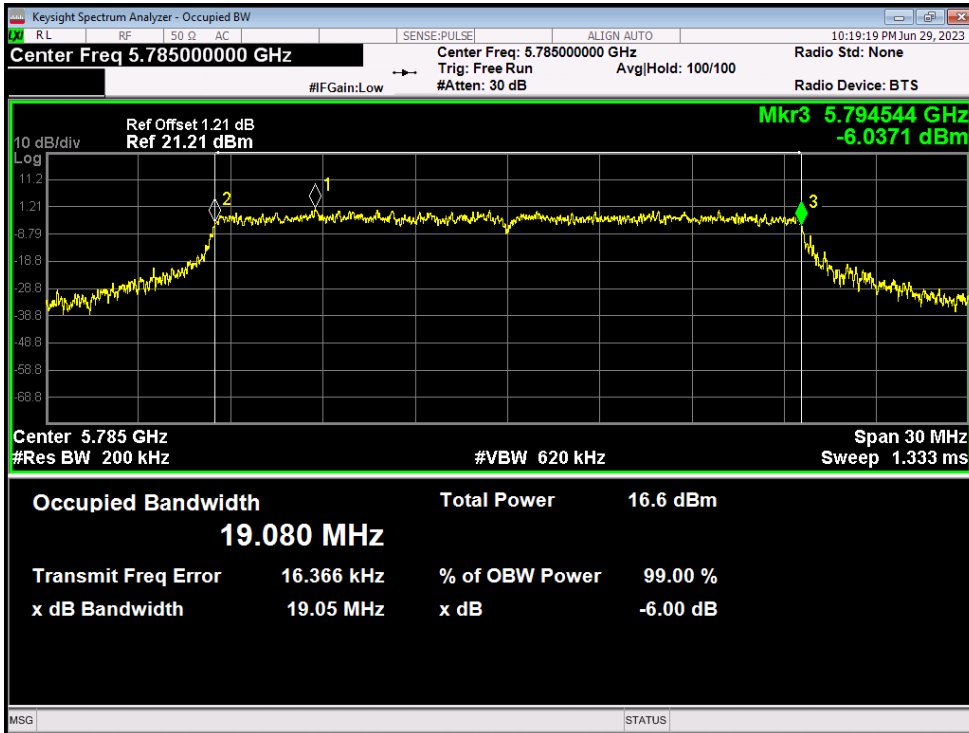
-6dB Bandwidth NVNT ac40 5795MHz Ant1



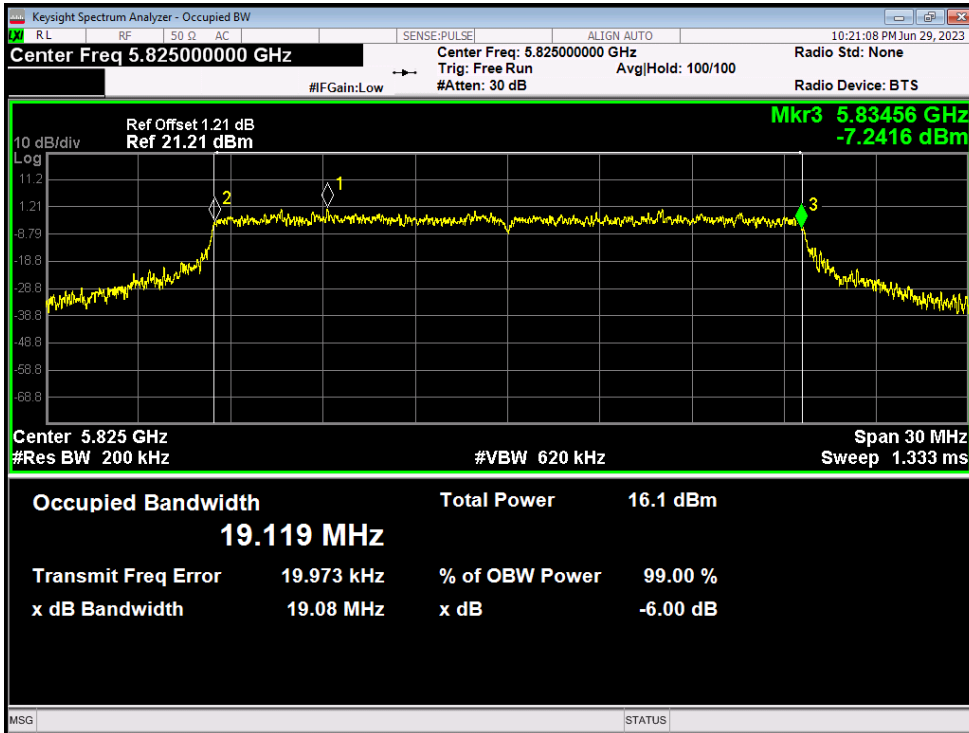
-6dB Bandwidth NVNT ax20 5745MHz Ant1



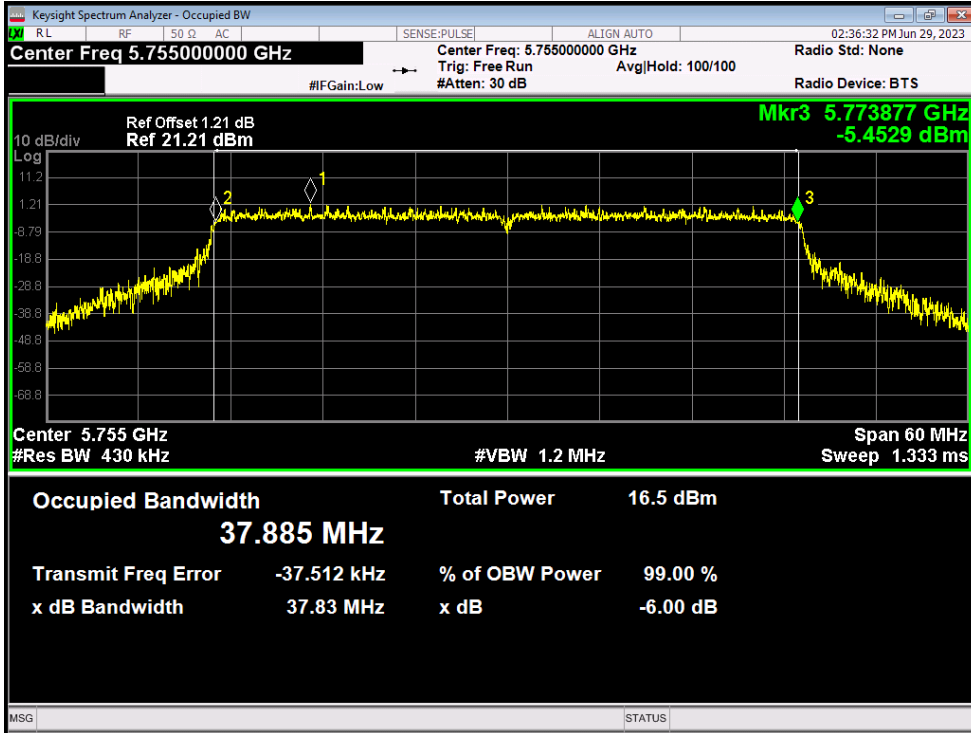
-6dB Bandwidth NVNT ax20 5785MHz Ant1



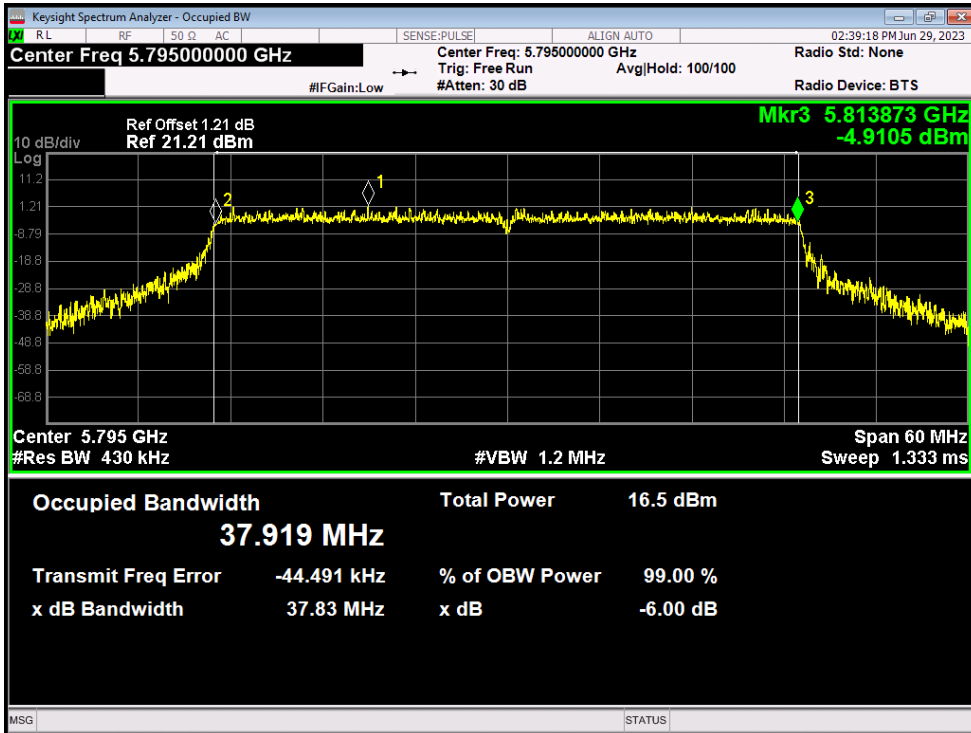
-6dB Bandwidth NVNT ax20 5825MHz Ant1



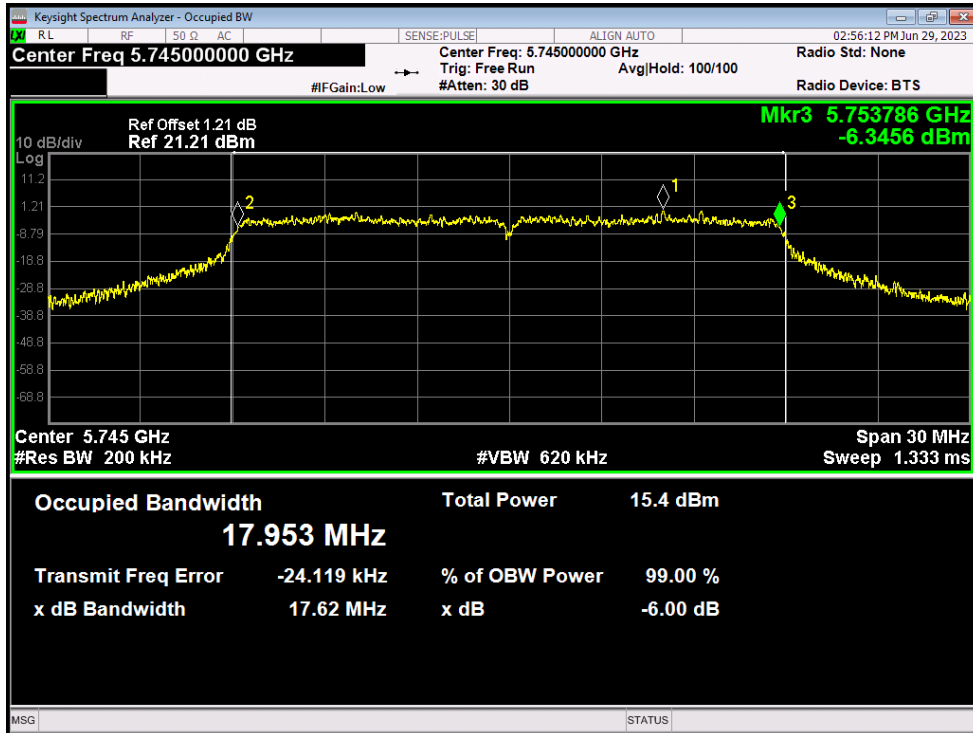
-6dB Bandwidth NVNT ax40 5755MHz Ant1



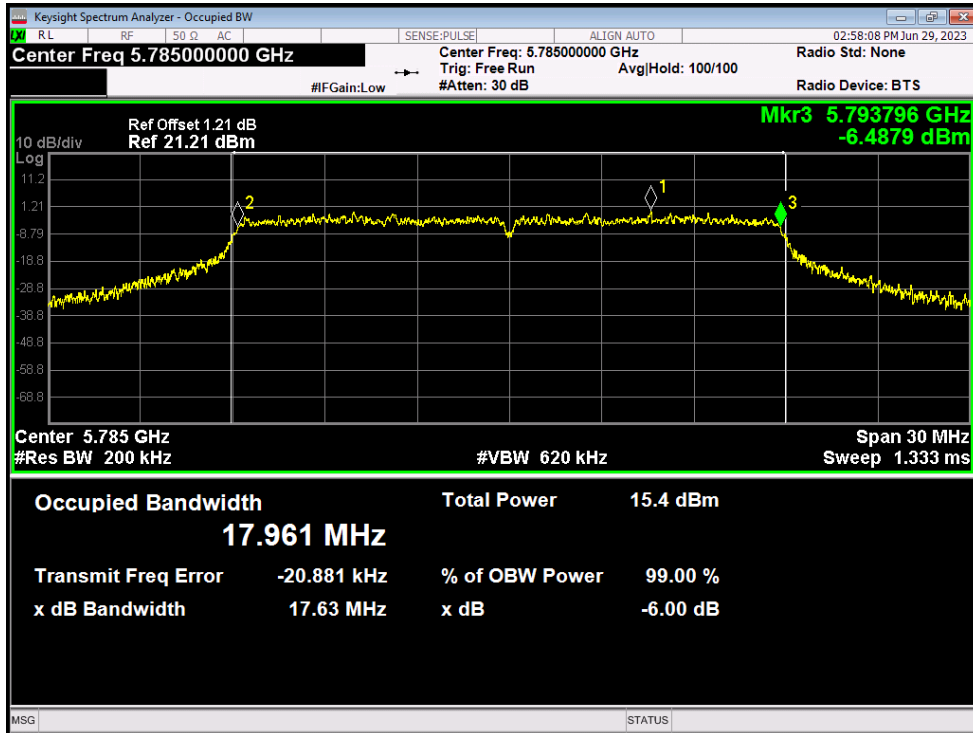
-6dB Bandwidth NVNT ax40 5795MHz Ant1



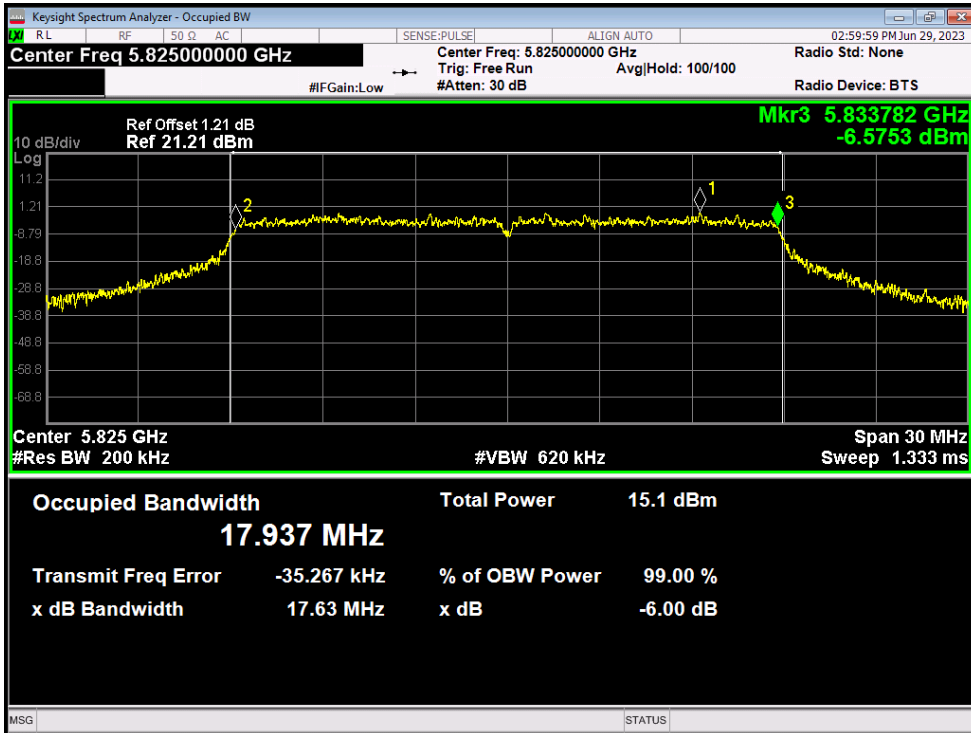
-6dB Bandwidth NVNT n20 5745MHz Ant1



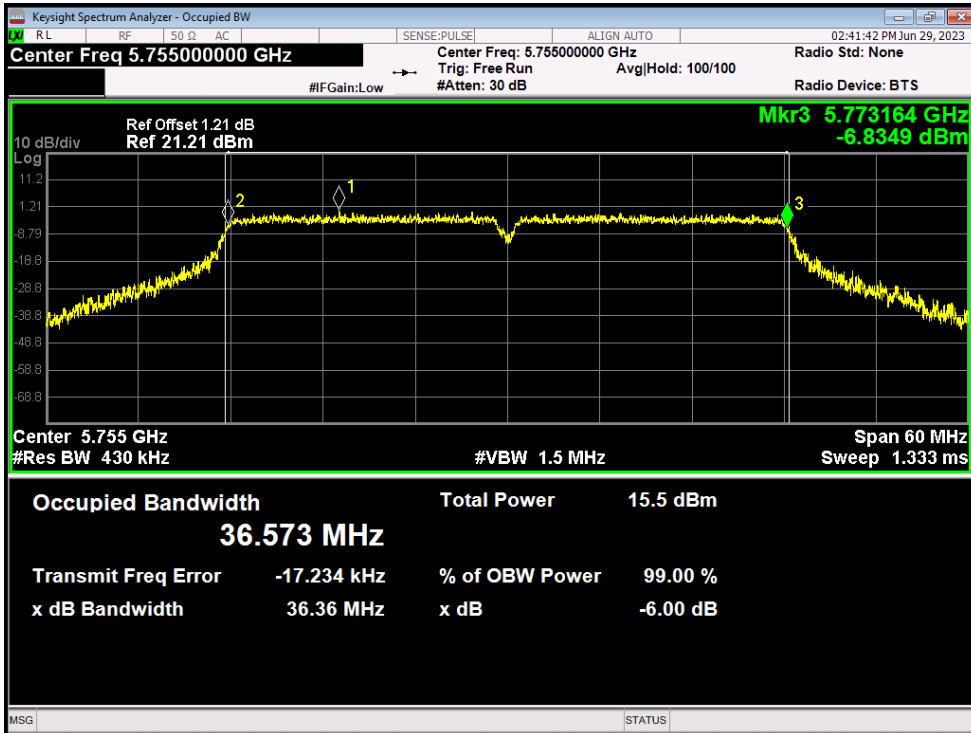
-6dB Bandwidth NVNT n20 5785MHz Ant1



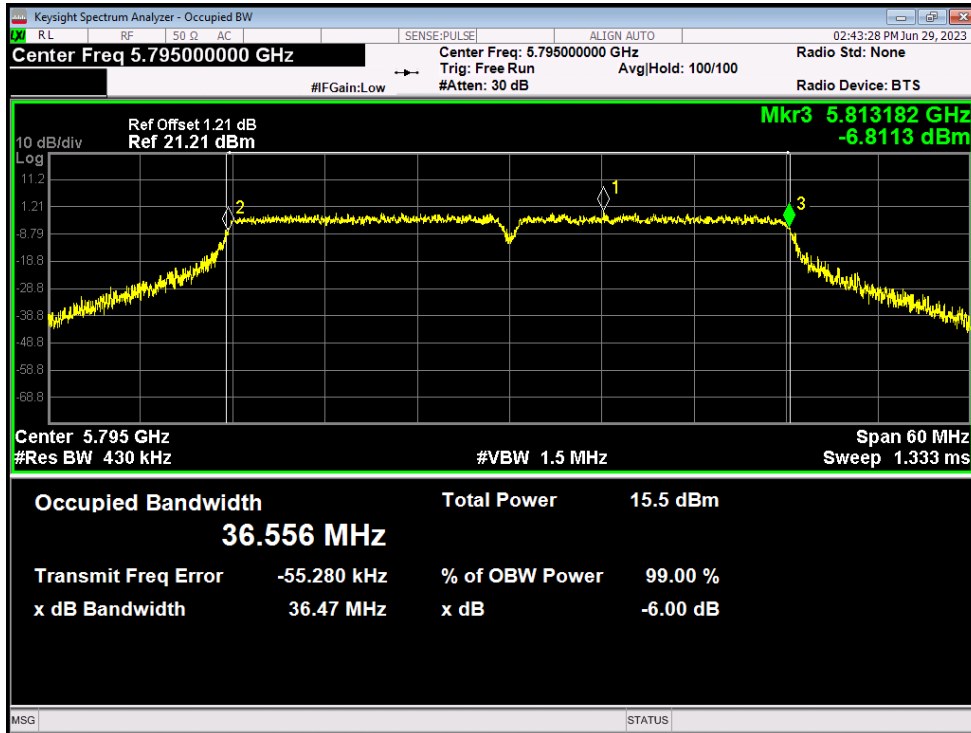
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



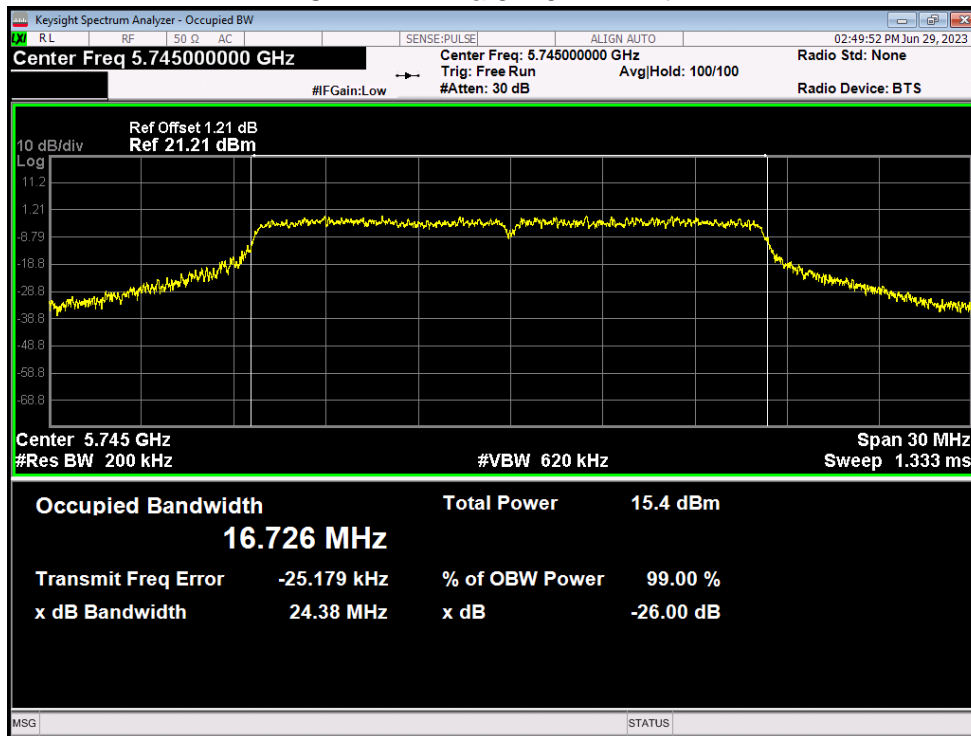
-6dB Bandwidth NVNT n40 5795MHz Ant1



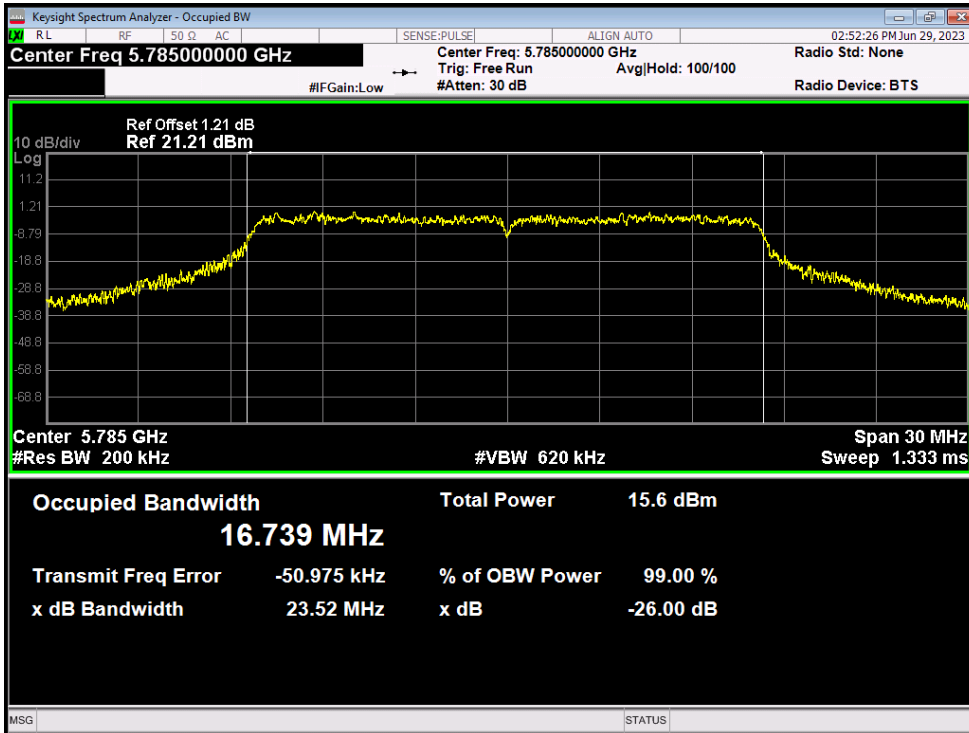
**5.4 OCCUPIED CHANNEL BANDWIDTH**

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.726
NVNT	a	5785	Ant1	16.739
NVNT	a	5825	Ant1	16.716
NVNT	ac20	5745	Ant1	17.924
NVNT	ac20	5785	Ant1	17.953
NVNT	ac20	5825	Ant1	17.981
NVNT	ac40	5755	Ant1	36.538
NVNT	ac40	5795	Ant1	36.572
NVNT	ax20	5745	Ant1	19.165
NVNT	ax20	5785	Ant1	19.082
NVNT	ax20	5825	Ant1	19.112
NVNT	ax40	5755	Ant1	37.892
NVNT	ax40	5795	Ant1	37.926
NVNT	n20	5745	Ant1	17.957
NVNT	n20	5785	Ant1	17.929
NVNT	n20	5825	Ant1	17.944
NVNT	n40	5755	Ant1	36.549
NVNT	n40	5795	Ant1	36.536

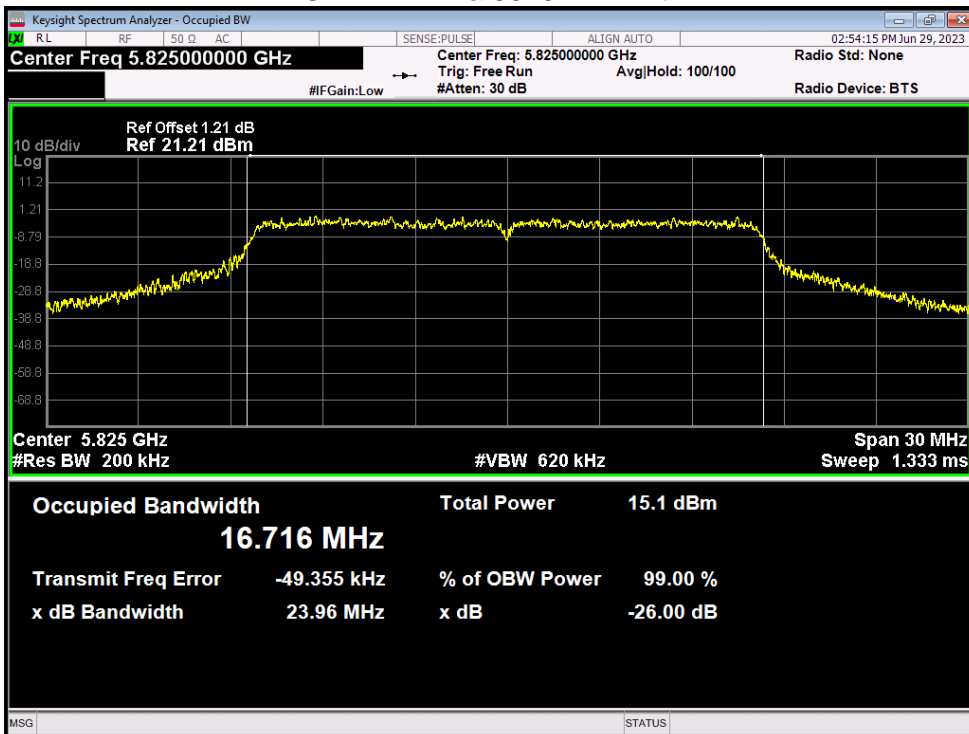
OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1

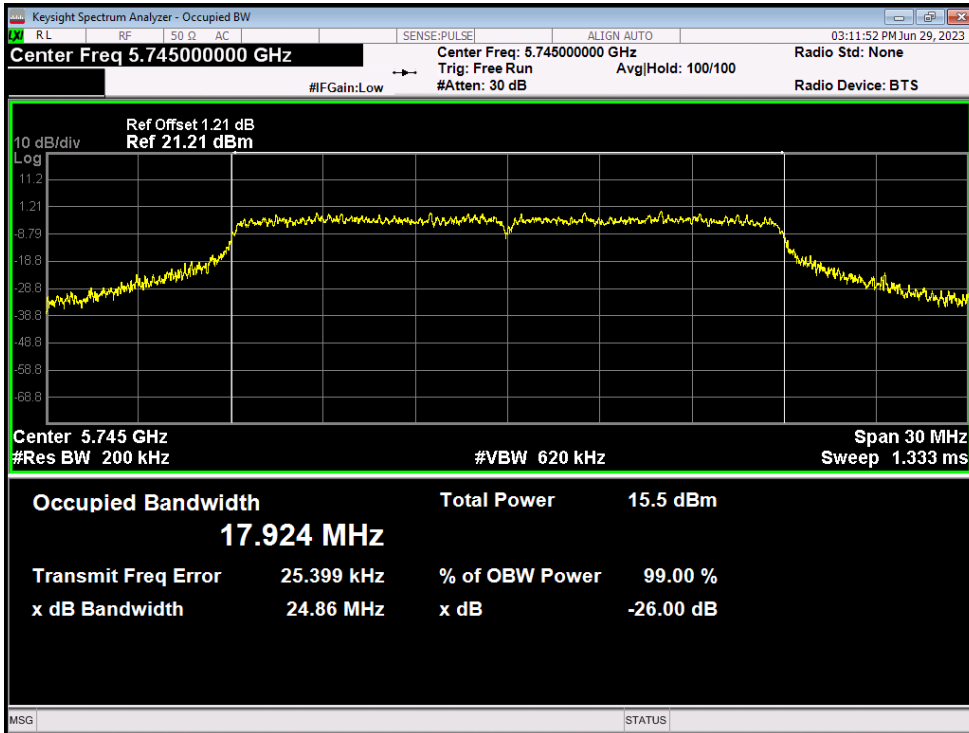


OBW NVNT a 5825MHz Ant1

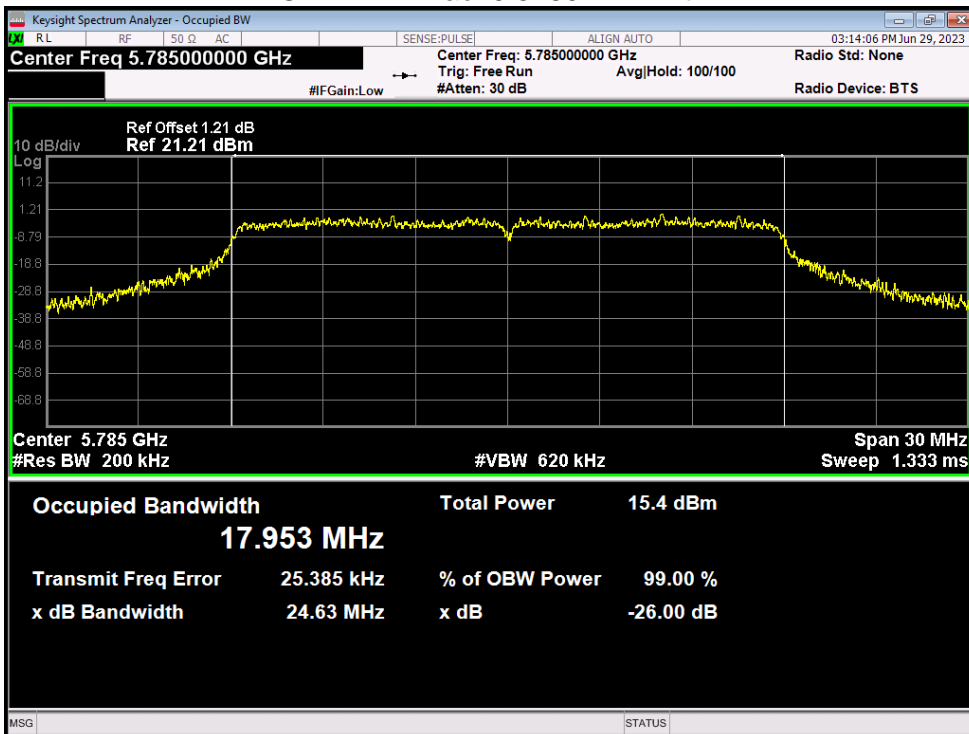




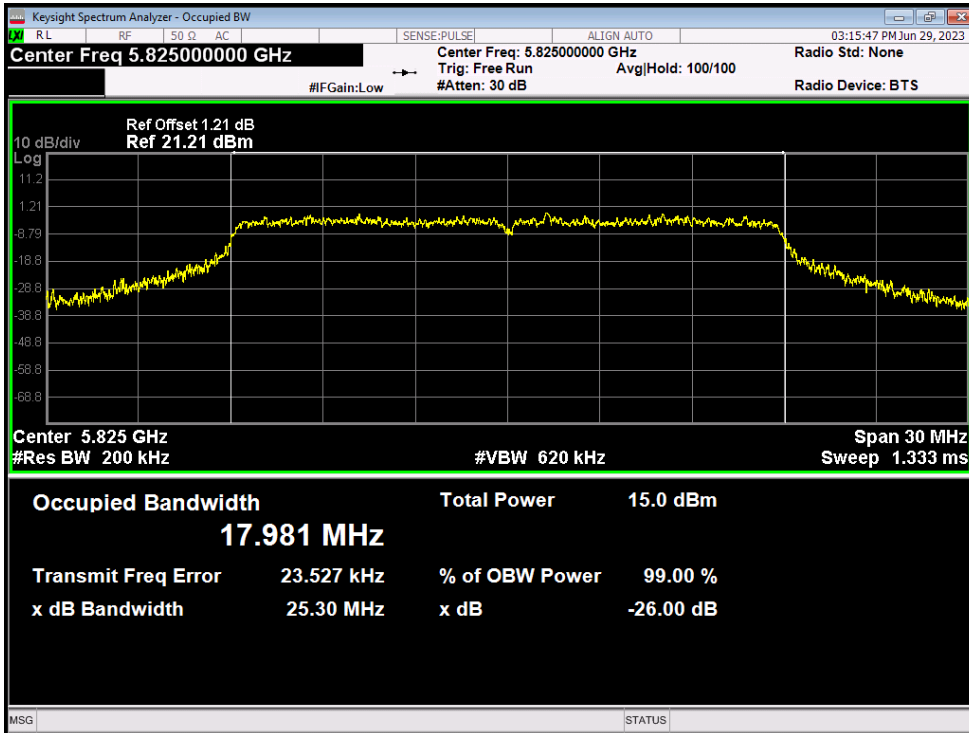
OBW NVNT ac20 5745MHz Ant1



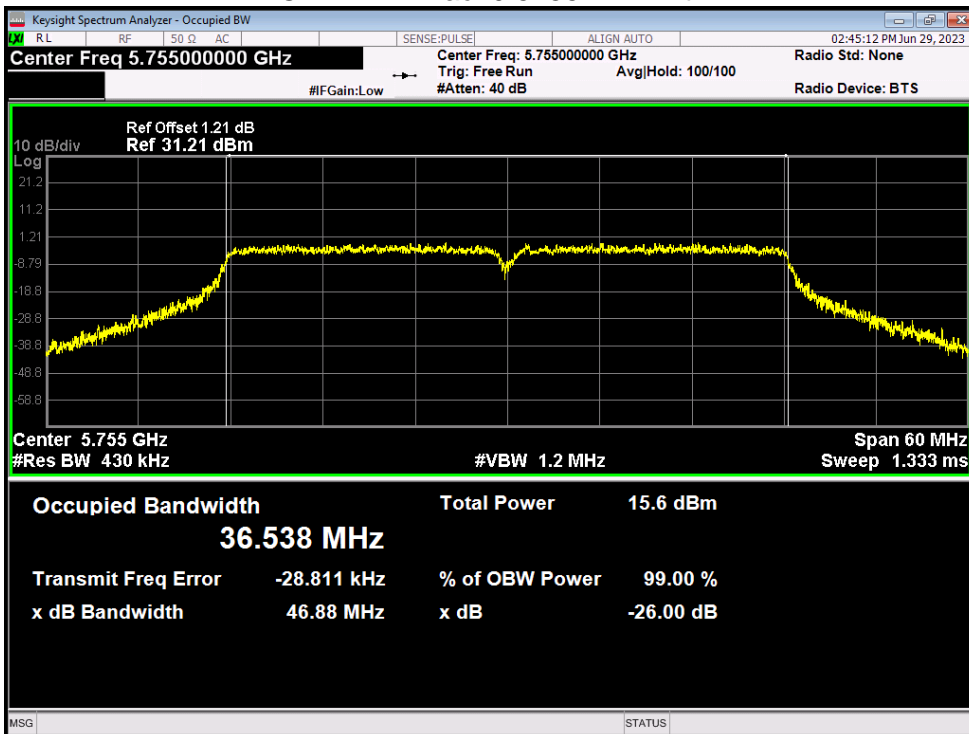
OBW NVNT ac20 5785MHz Ant1



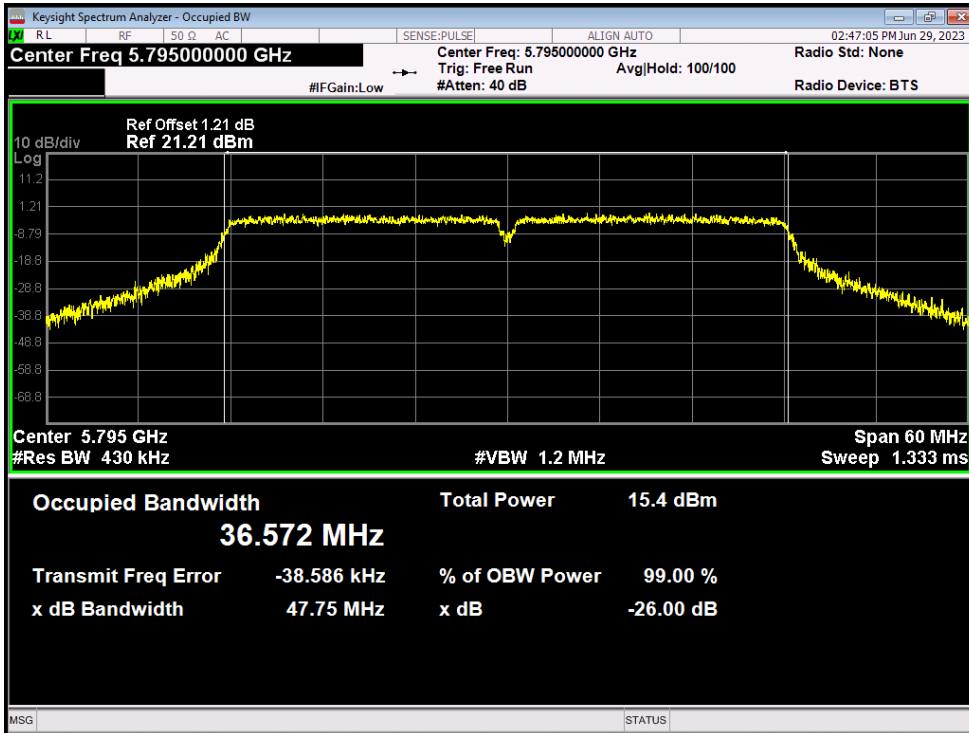
OBW NVNT ac20 5825MHz Ant1



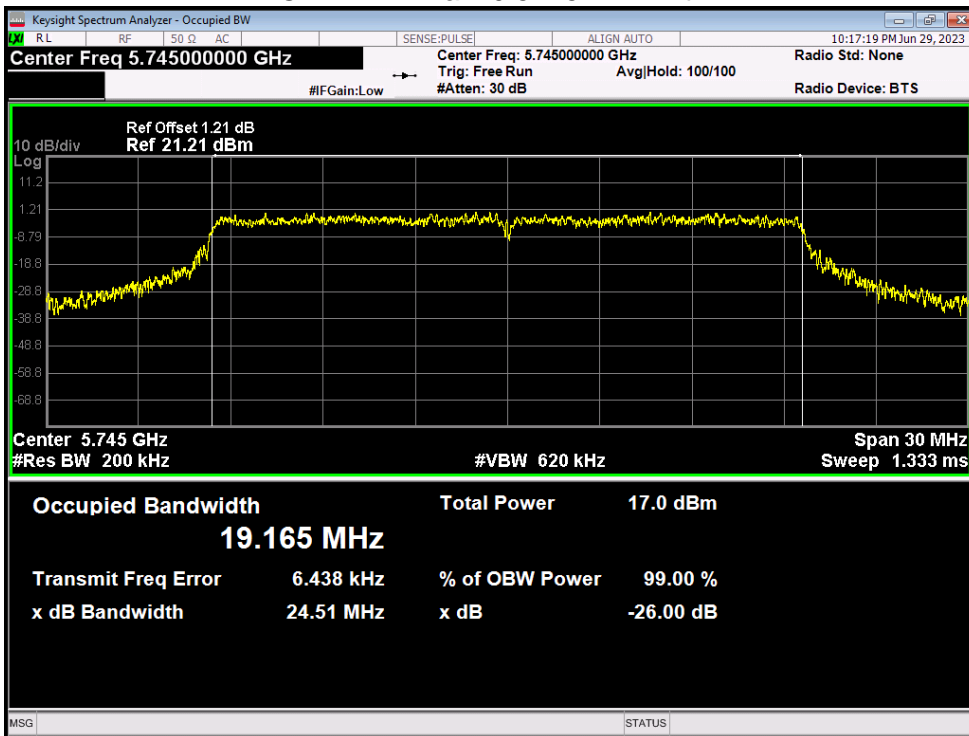
OBW NVNT ac40 5755MHz Ant1



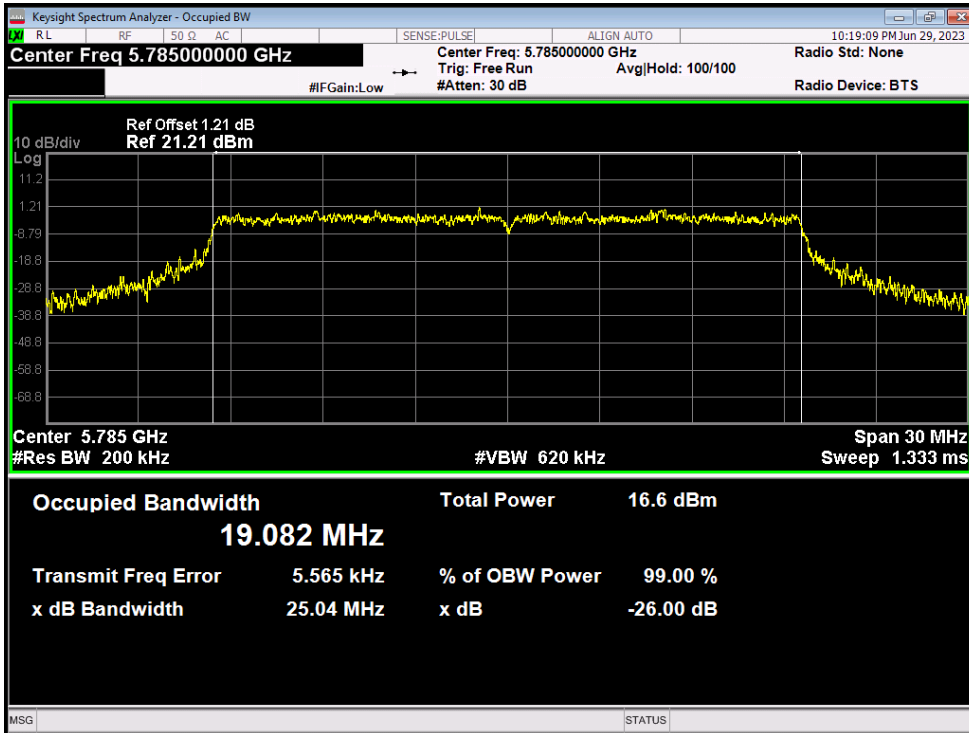
### OBW NVNT ac40 5795MHz Ant1



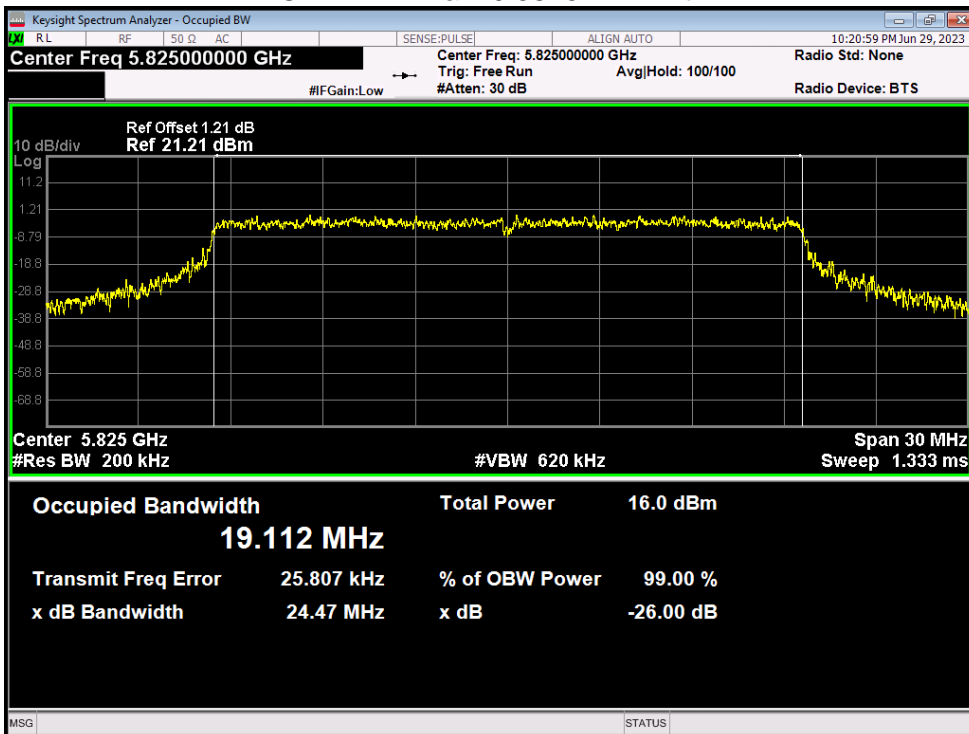
### OBW NVNT ax20 5745MHz Ant1



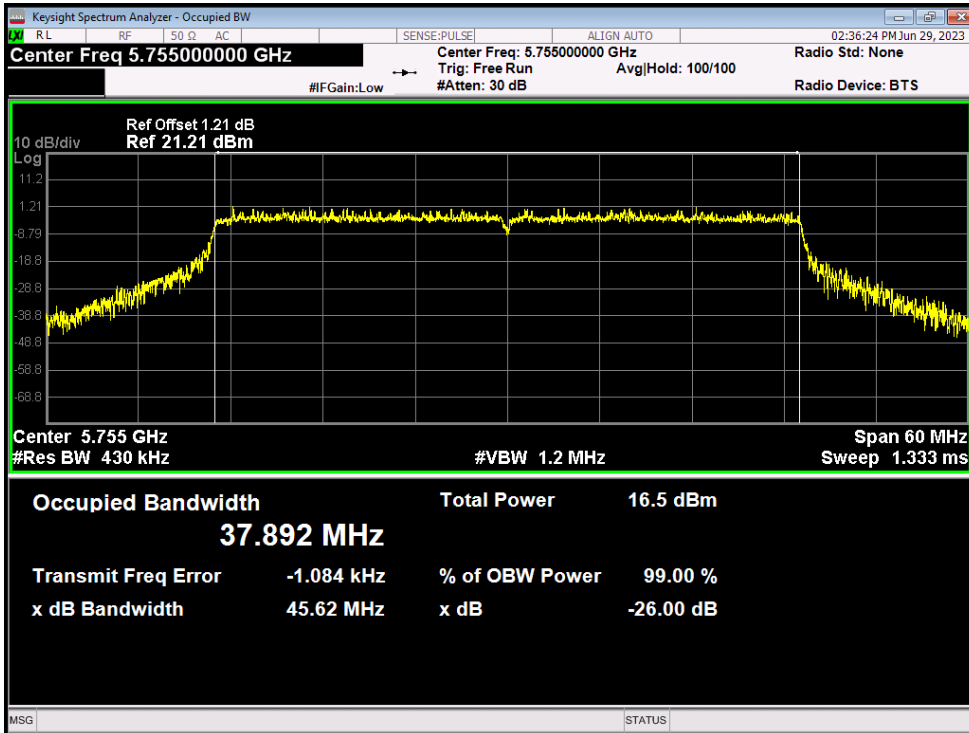
OBW NVNT ax20 5785MHz Ant1



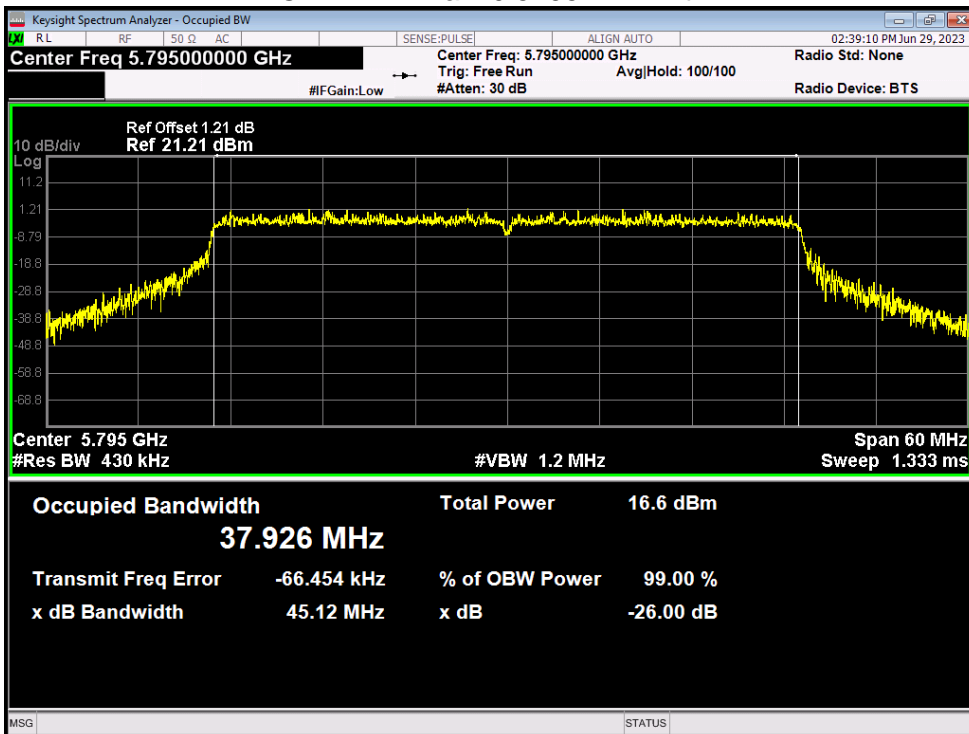
OBW NVNT ax20 5825MHz Ant1



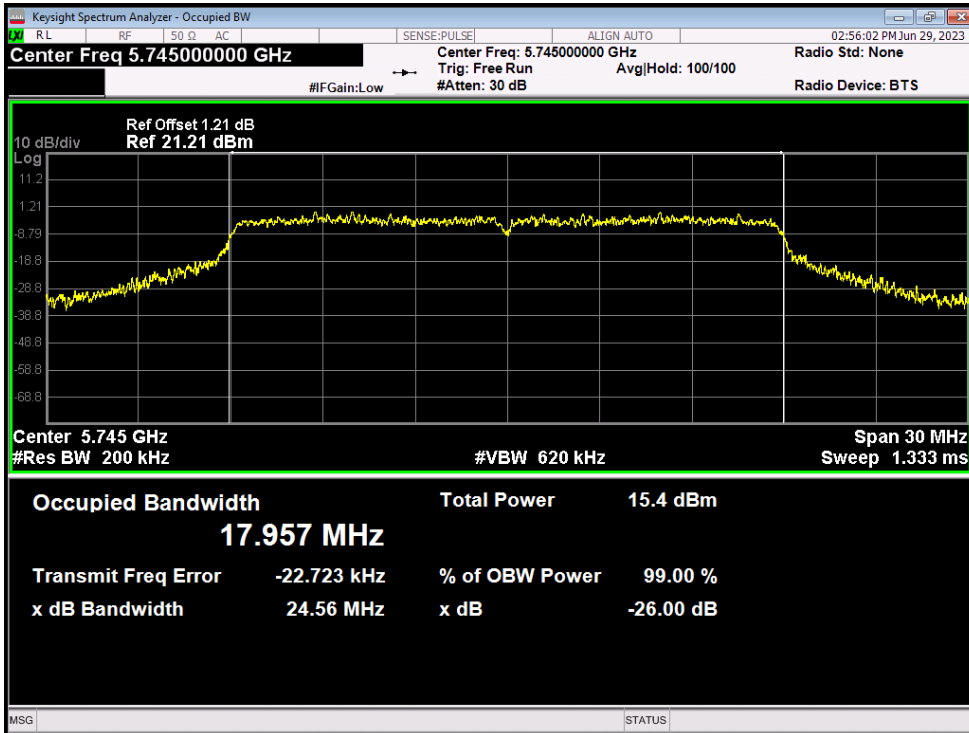
OBW NVNT ax40 5755MHz Ant1



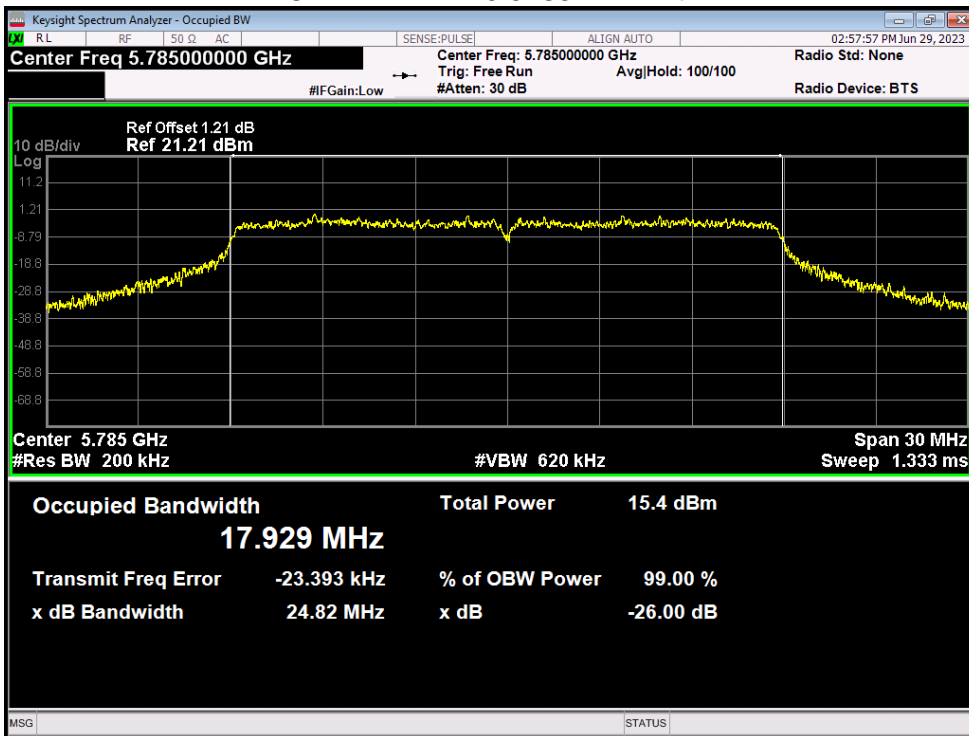
OBW NVNT ax40 5795MHz Ant1



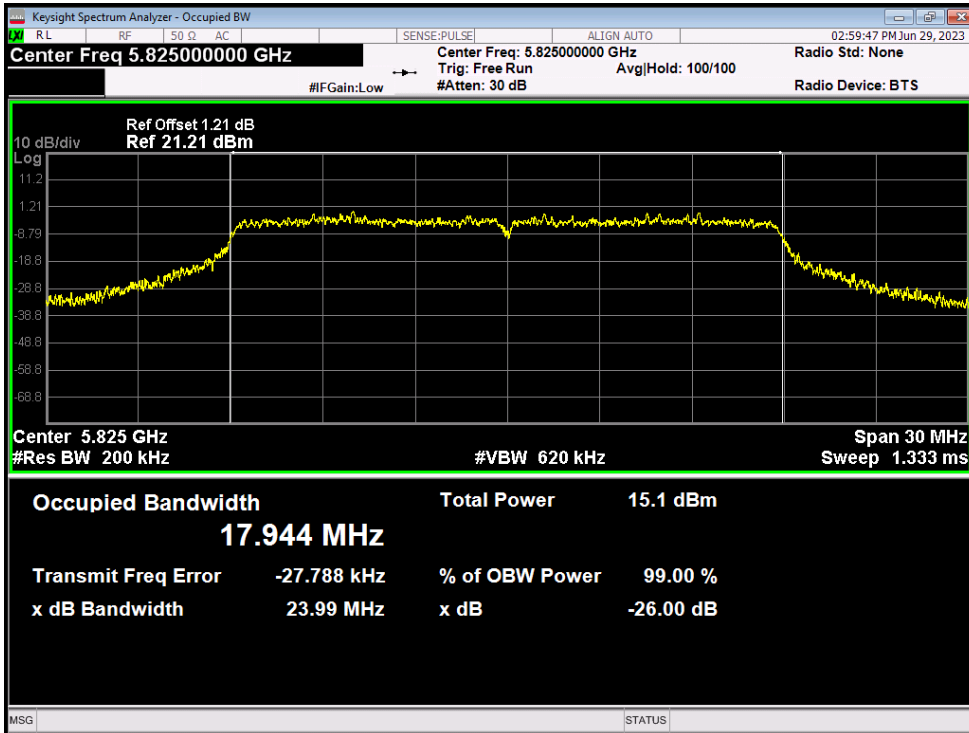
OBW NVNT n20 5745MHz Ant1



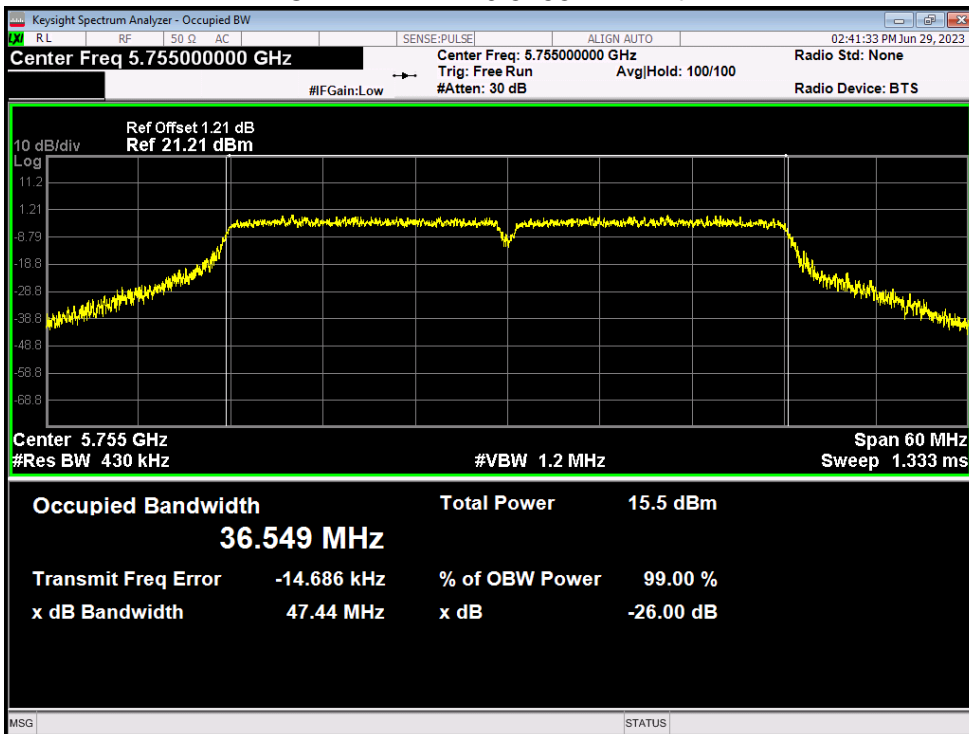
OBW NVNT n20 5785MHz Ant1



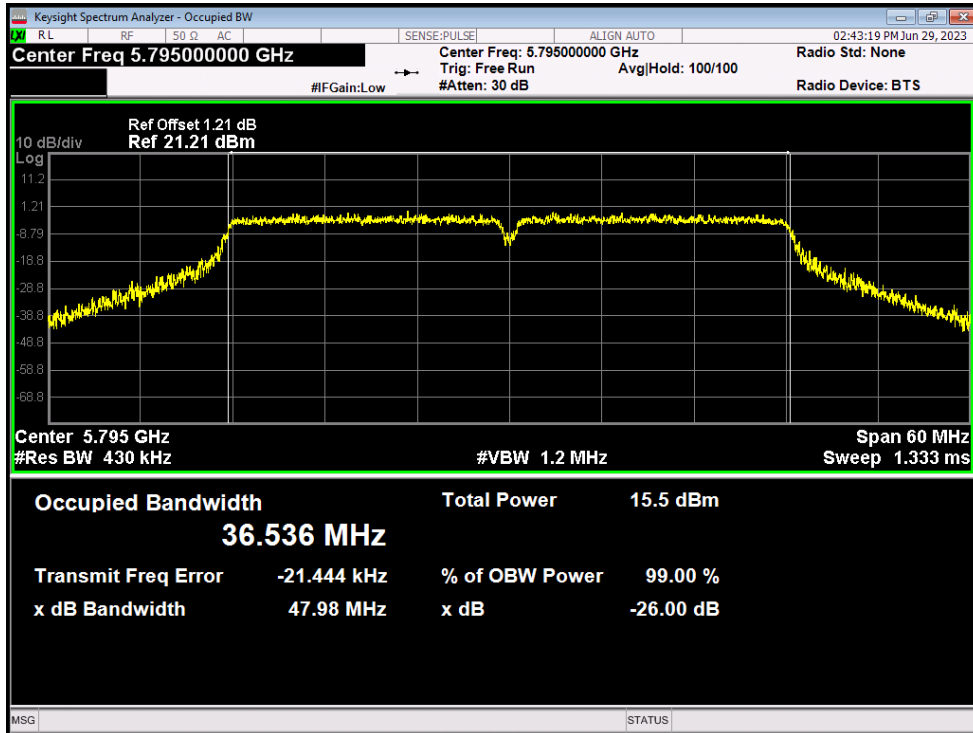
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1

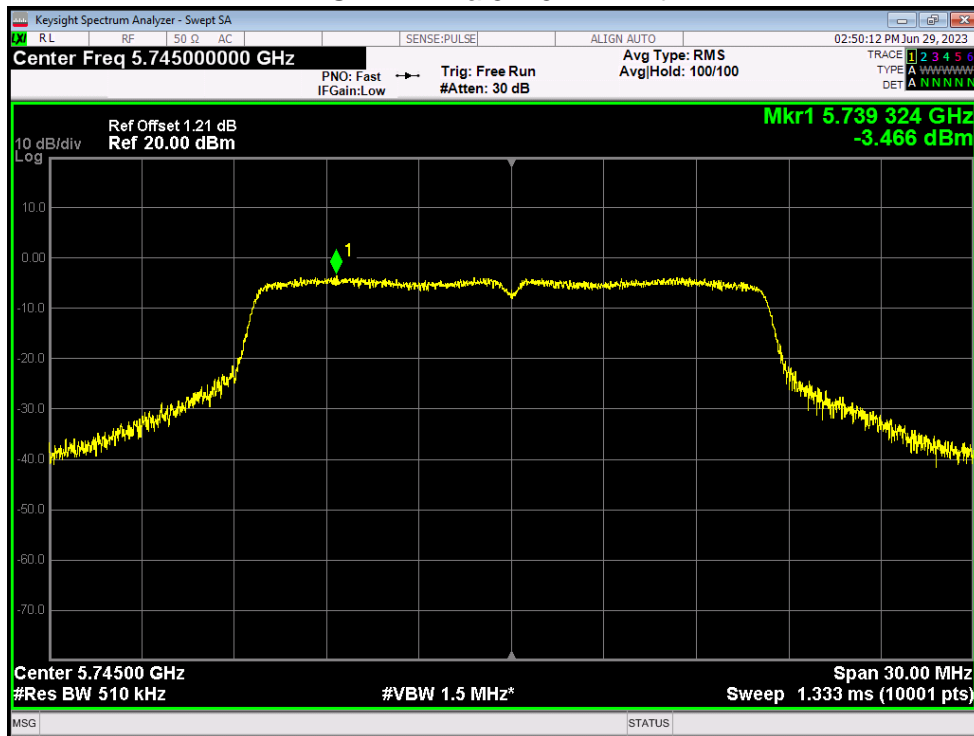




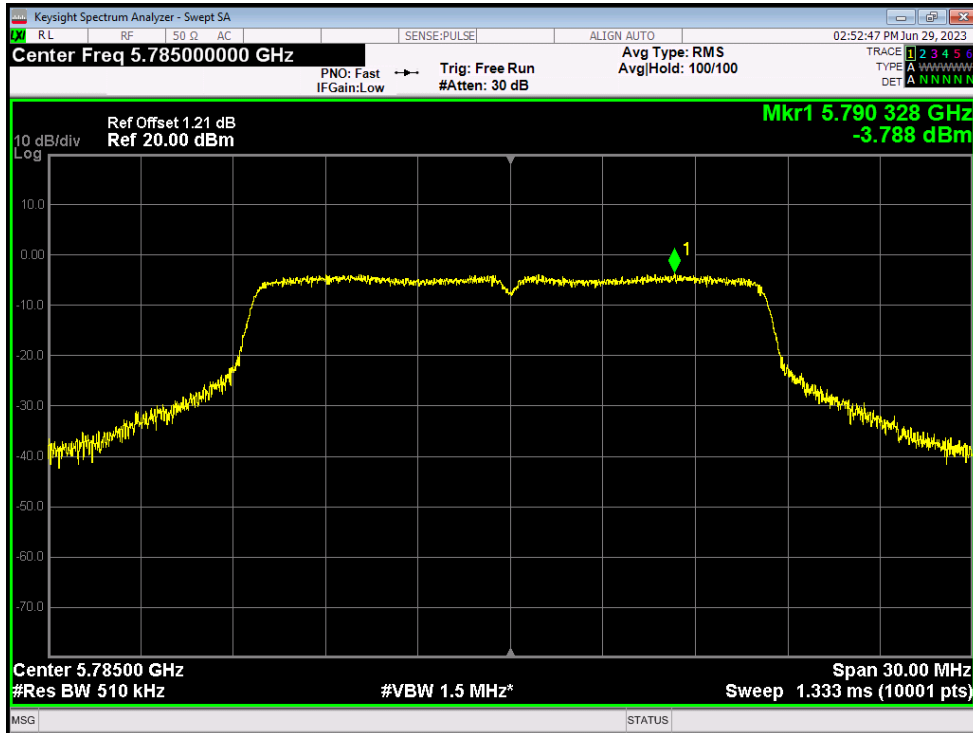
**5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL**

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-3.466	0.23	-3.236	30	Pass
NVNT	a	5785	Ant1	-3.788	0.19	-3.598	30	Pass
NVNT	a	5825	Ant1	-3.957	0.2	-3.757	30	Pass
NVNT	ac20	5745	Ant1	-3.984	0.22	-3.764	30	Pass
NVNT	ac20	5785	Ant1	-3.967	0.23	-3.737	30	Pass
NVNT	ac20	5825	Ant1	-4.309	0.24	-4.069	30	Pass
NVNT	ac40	5755	Ant1	-7.466	0.48	-6.986	30	Pass
NVNT	ac40	5795	Ant1	-7.635	0.48	-7.155	30	Pass
NVNT	ax20	5745	Ant1	-3.494	0.32	-3.174	30	Pass
NVNT	ax20	5785	Ant1	-4.107	0.24	-3.867	30	Pass
NVNT	ax20	5825	Ant1	-4.488	0.28	-4.208	30	Pass
NVNT	ax40	5755	Ant1	-7.694	0.56	-7.134	30	Pass
NVNT	ax40	5795	Ant1	-7.93	0.53	-7.4	30	Pass
NVNT	n20	5745	Ant1	-3.933	0.28	-3.653	30	Pass
NVNT	n20	5785	Ant1	-4.059	0.23	-3.829	30	Pass
NVNT	n20	5825	Ant1	-4.253	0.2	-4.053	30	Pass
NVNT	n40	5755	Ant1	-7.679	0.52	-7.159	30	Pass
NVNT	n40	5795	Ant1	-7.536	0.44	-7.096	30	Pass

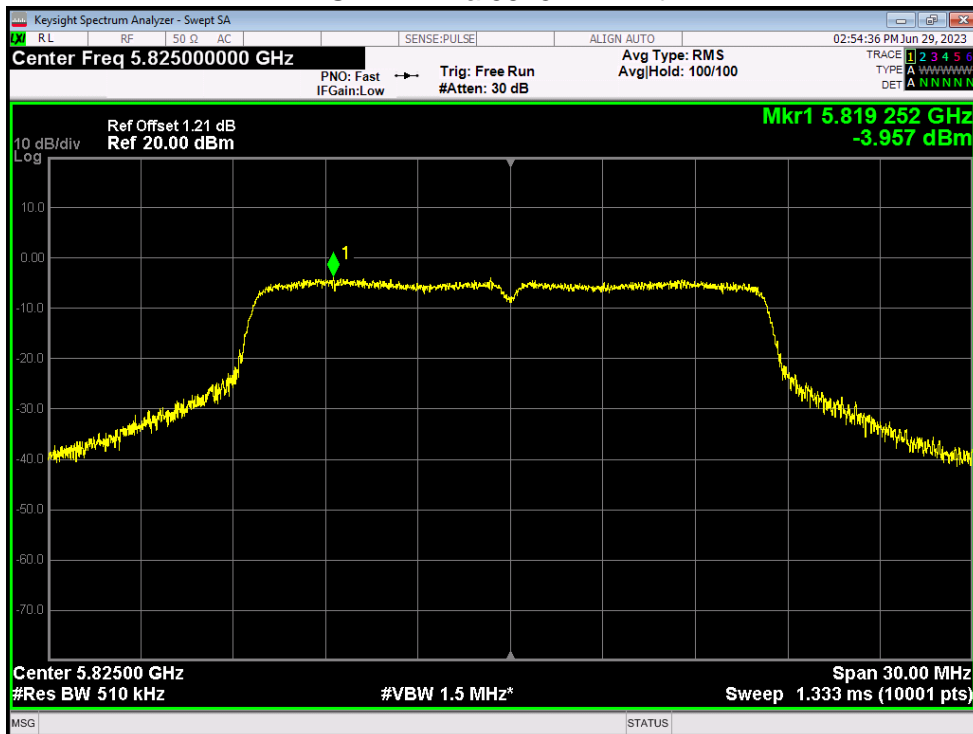
PSD NVNT a 5745MHz Ant1



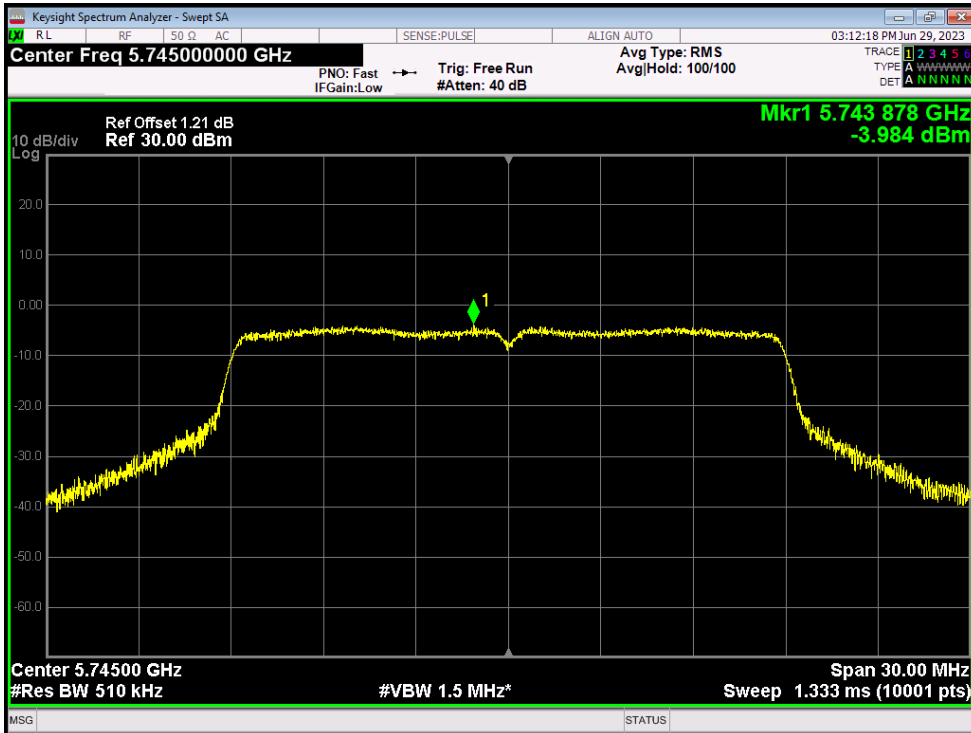
PSD NVNT a 5785MHz Ant1



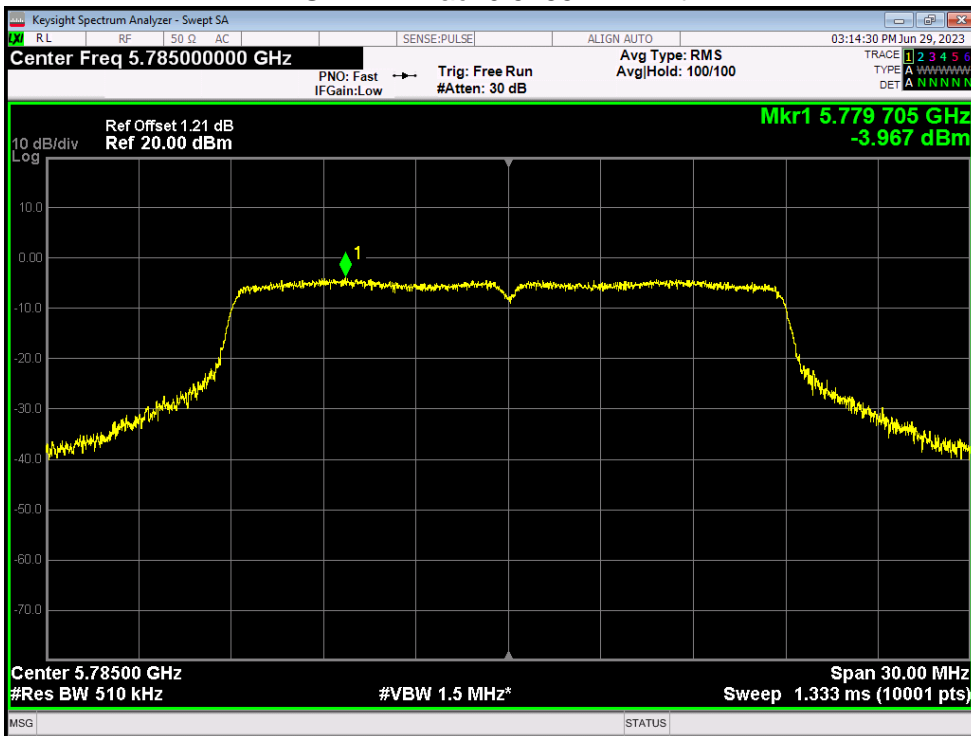
PSD NVNT a 5825MHz Ant1



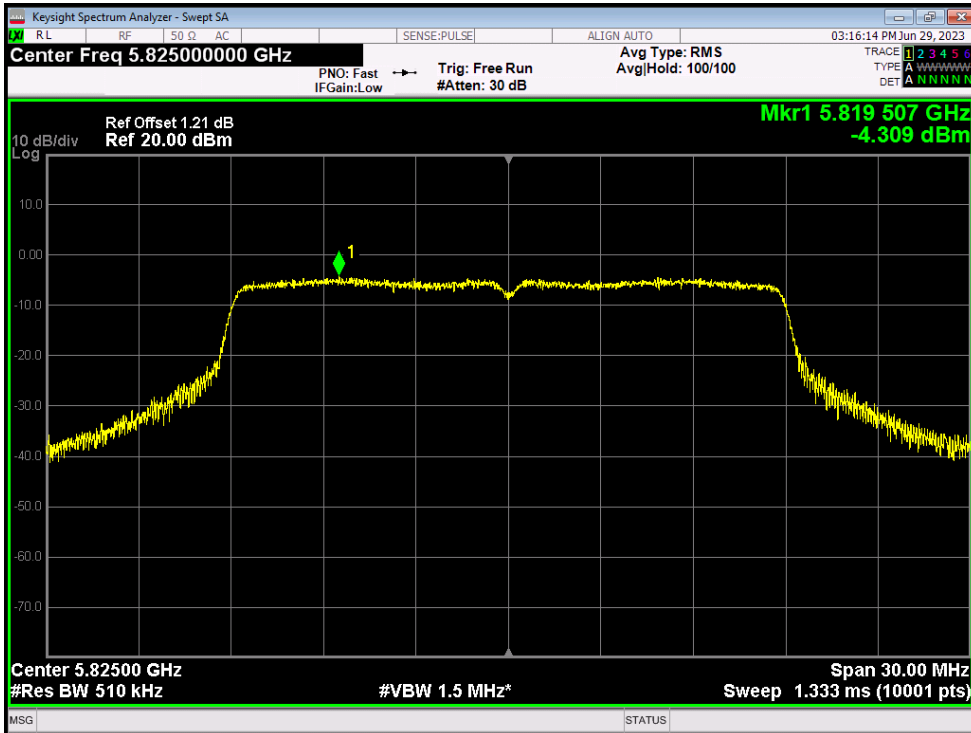
PSD NVNT ac20 5745MHz Ant1



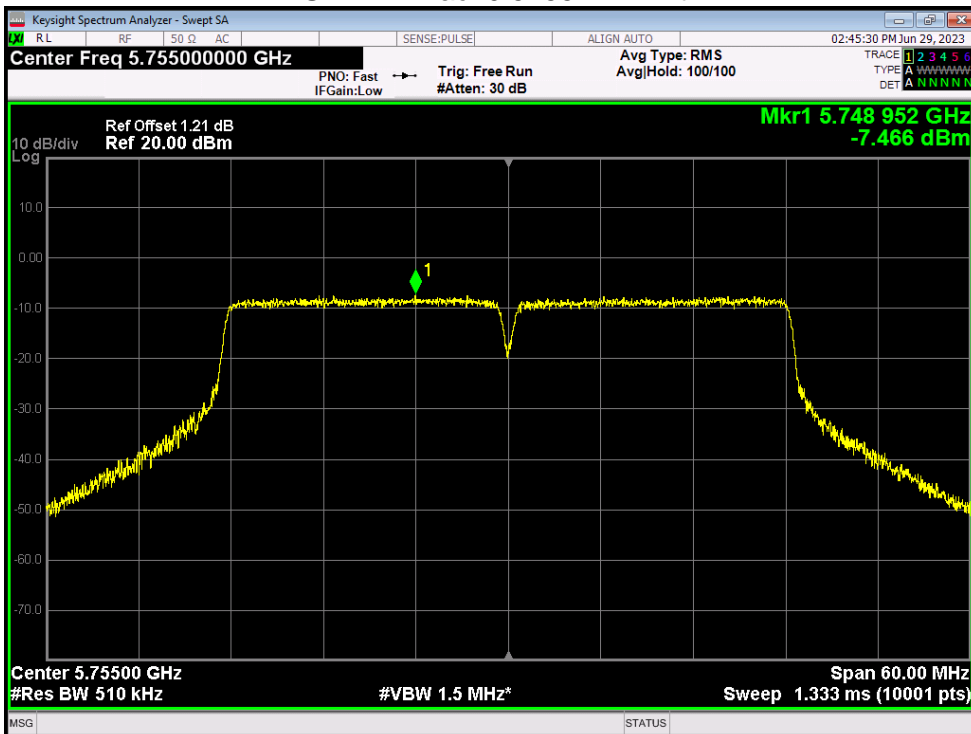
PSD NVNT ac20 5785MHz Ant1



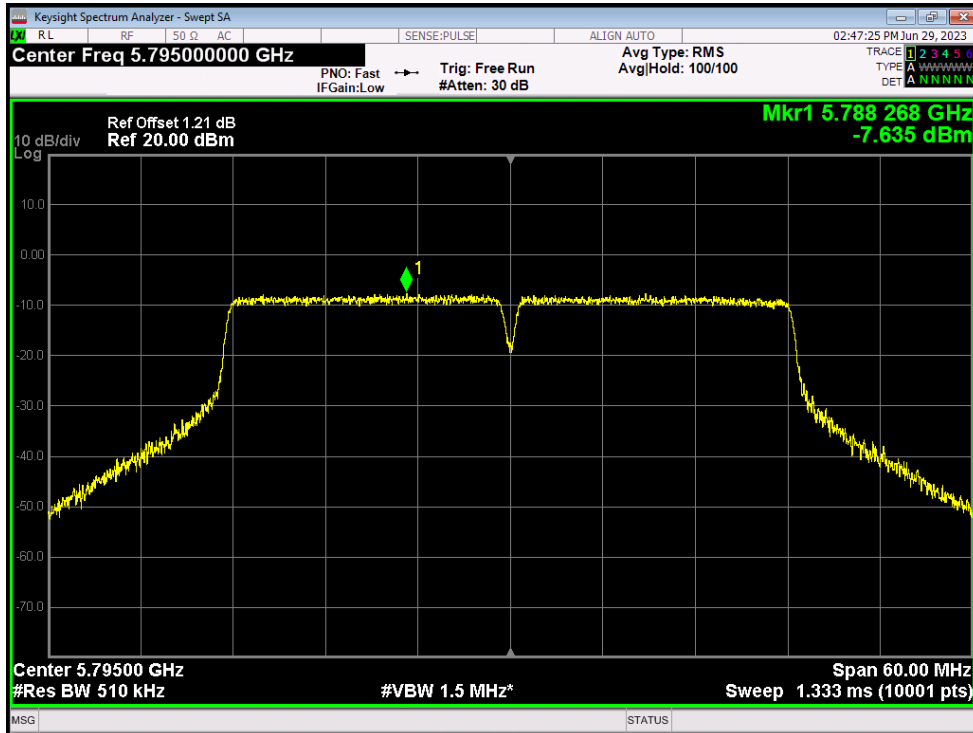
PSD NVNT ac20 5825MHz Ant1



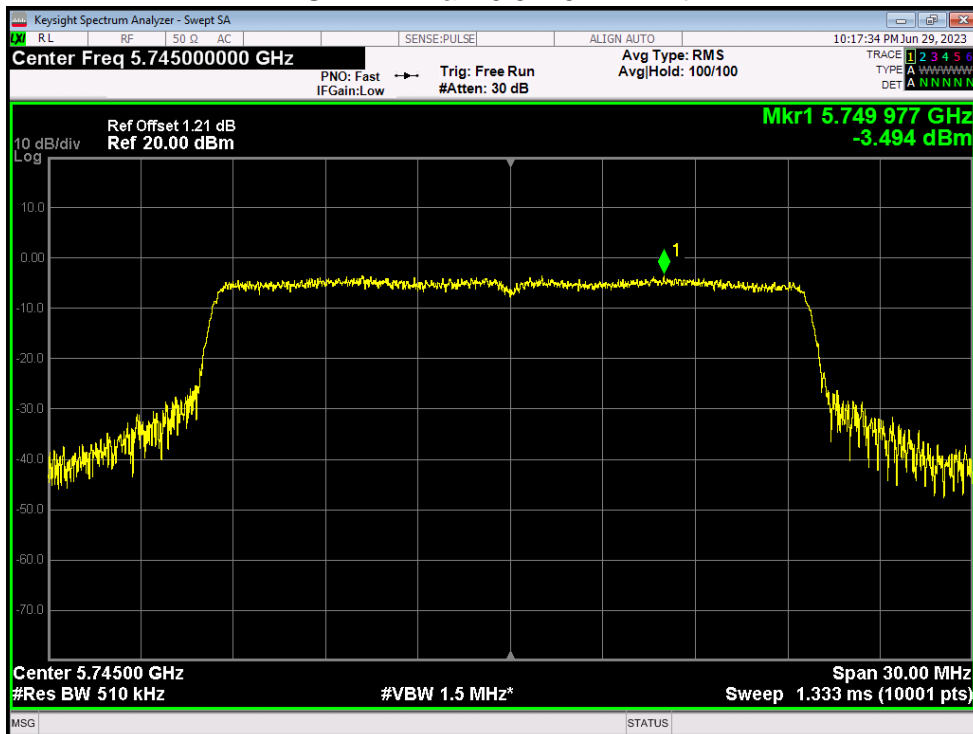
PSD NVNT ac40 5755MHz Ant1



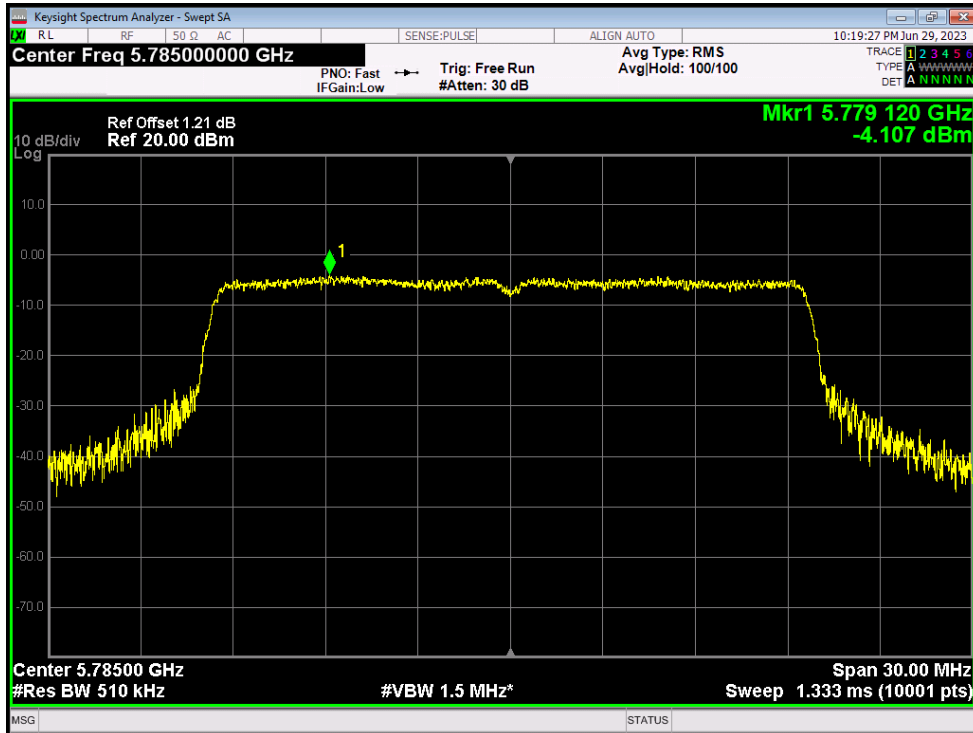
PSD NVNT ac40 5795MHz Ant1



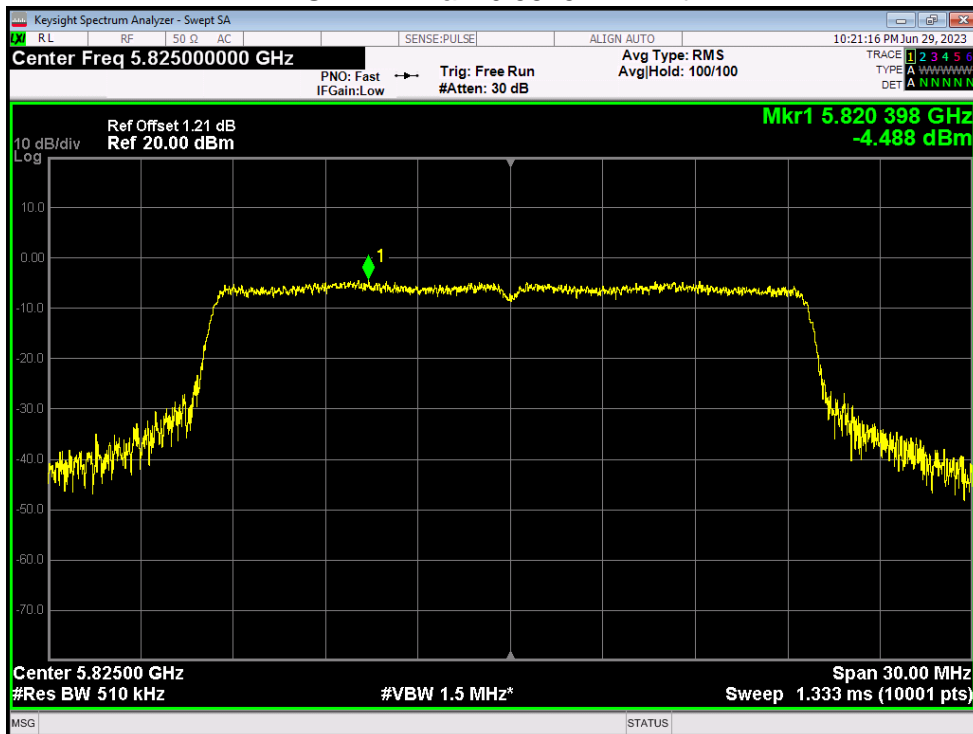
PSD NVNT ax20 5745MHz Ant1



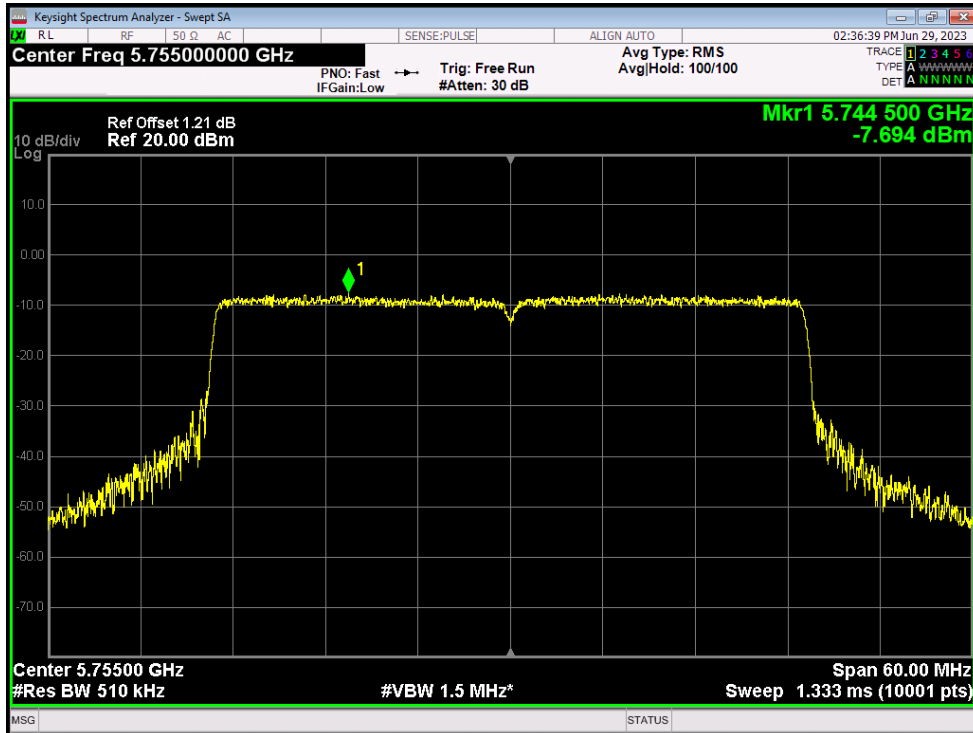
PSD NVNT ax20 5785MHz Ant1



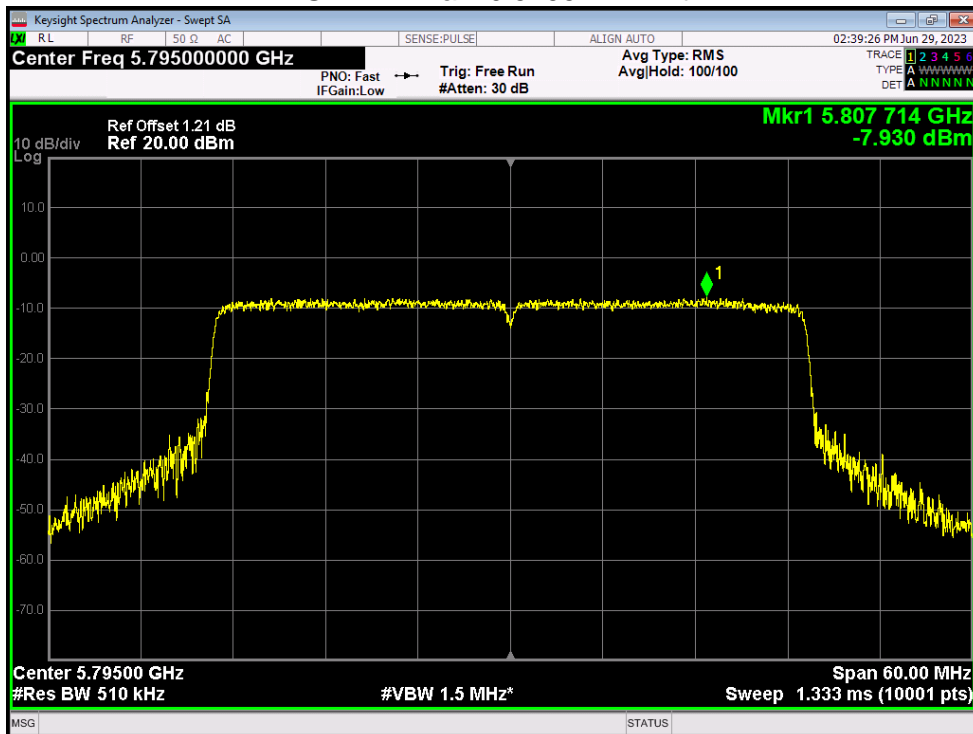
PSD NVNT ax20 5825MHz Ant1



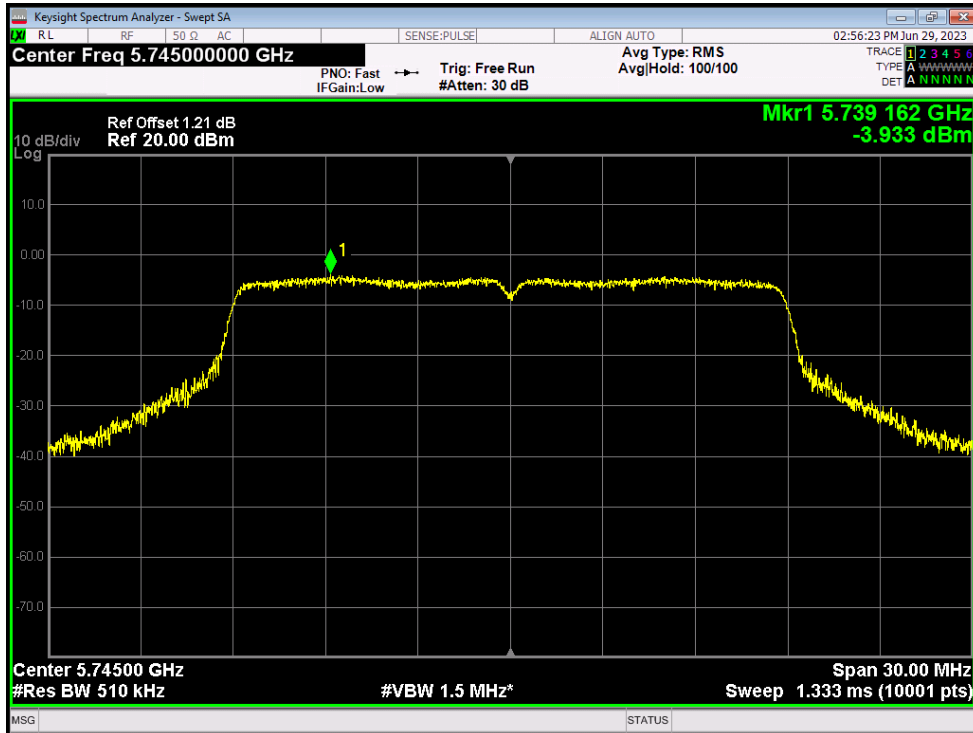
PSD NVNT ax40 5755MHz Ant1



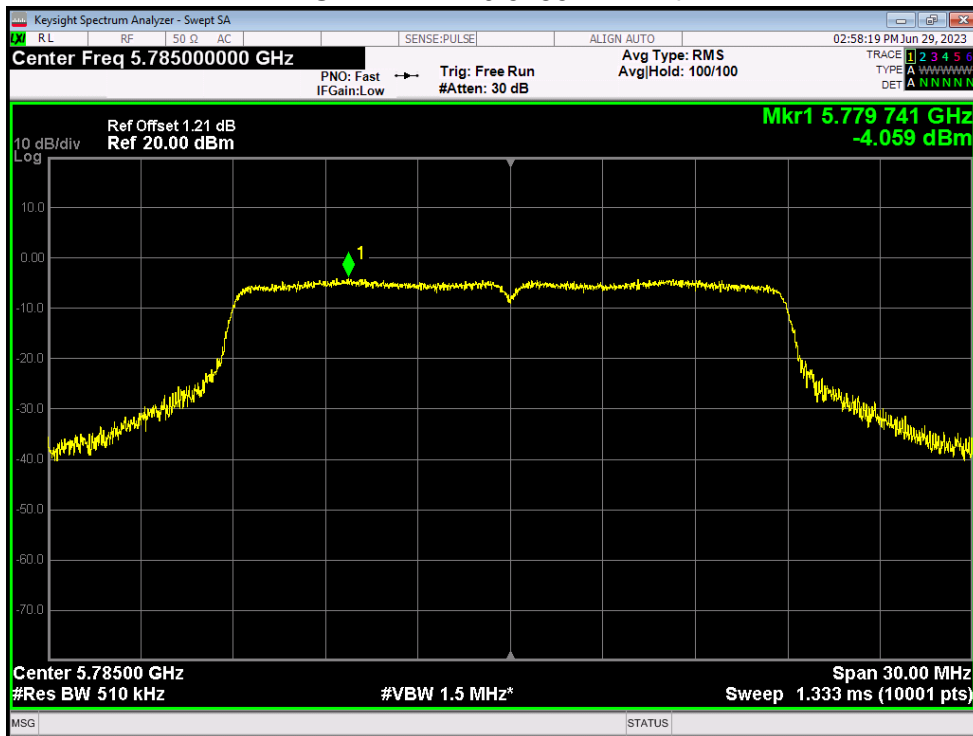
PSD NVNT ax40 5795MHz Ant1



PSD NVNT n20 5745MHz Ant1

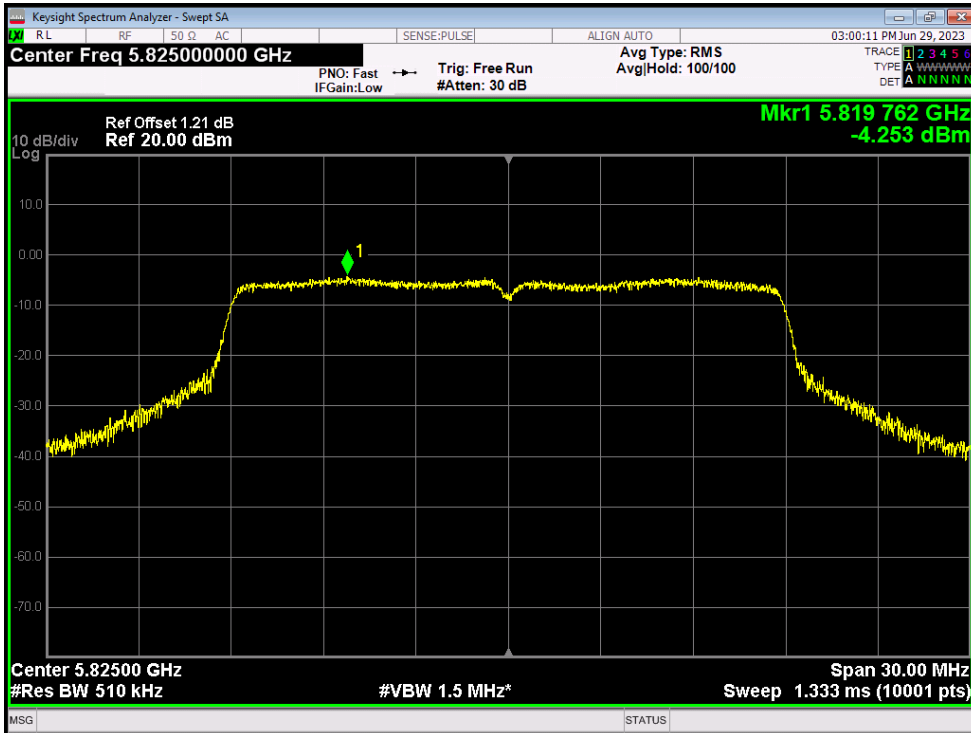


PSD NVNT n20 5785MHz Ant1

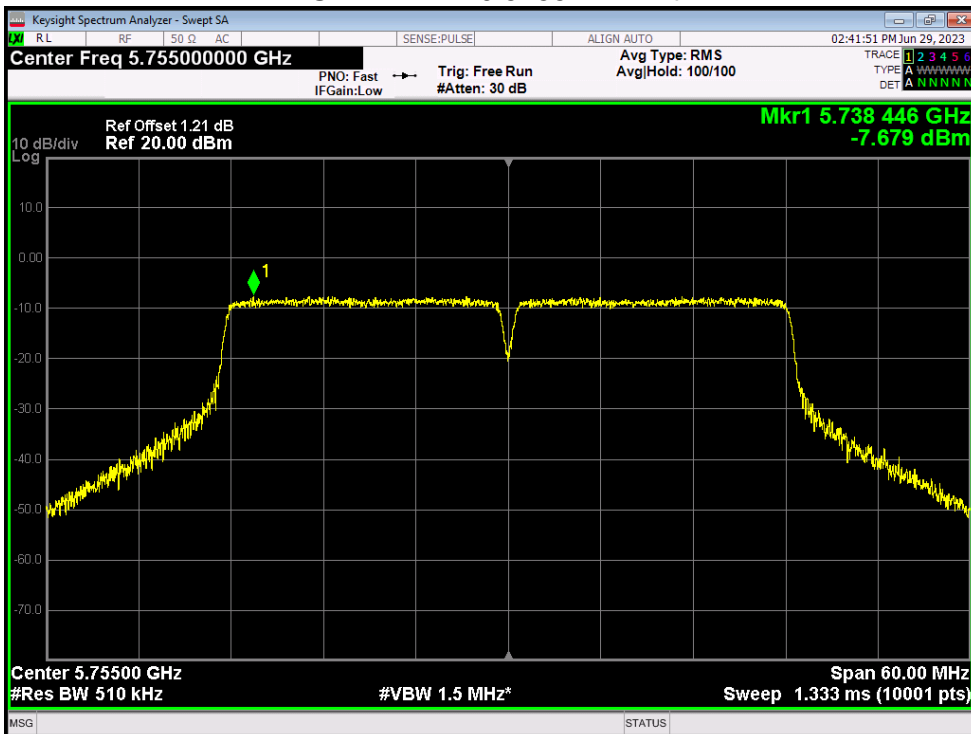




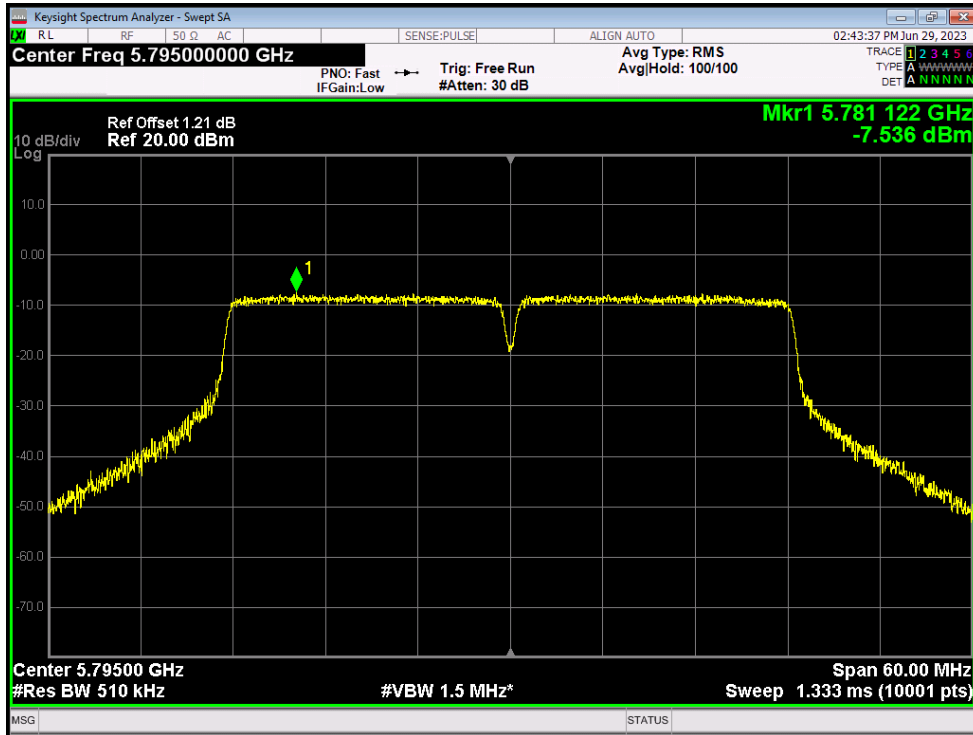
PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



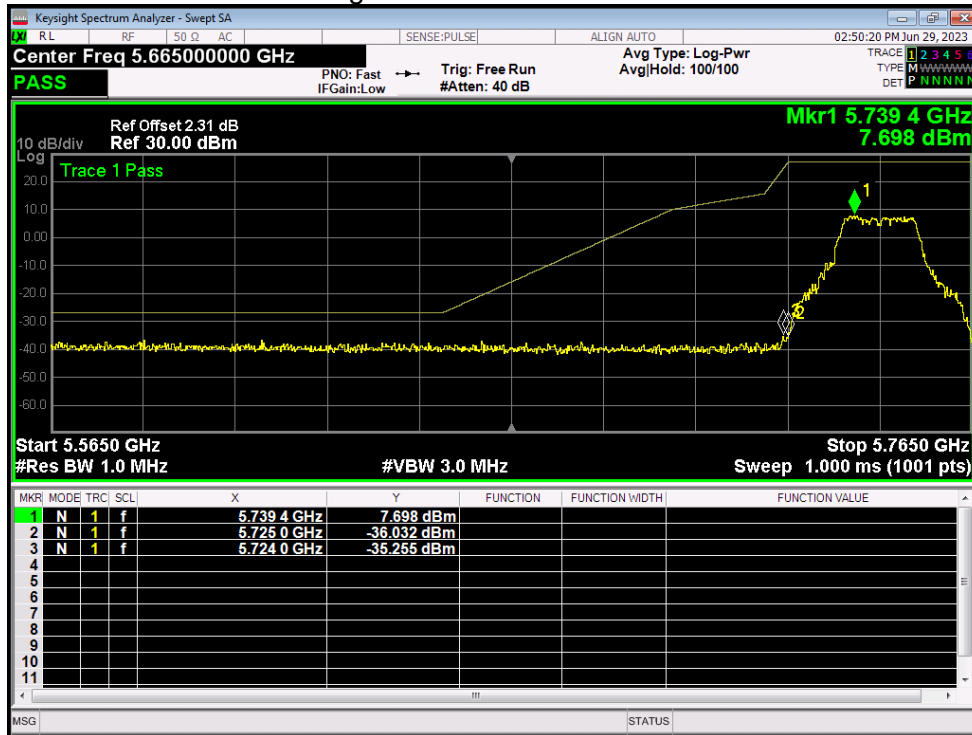
PSD NVNT n40 5795MHz Ant1



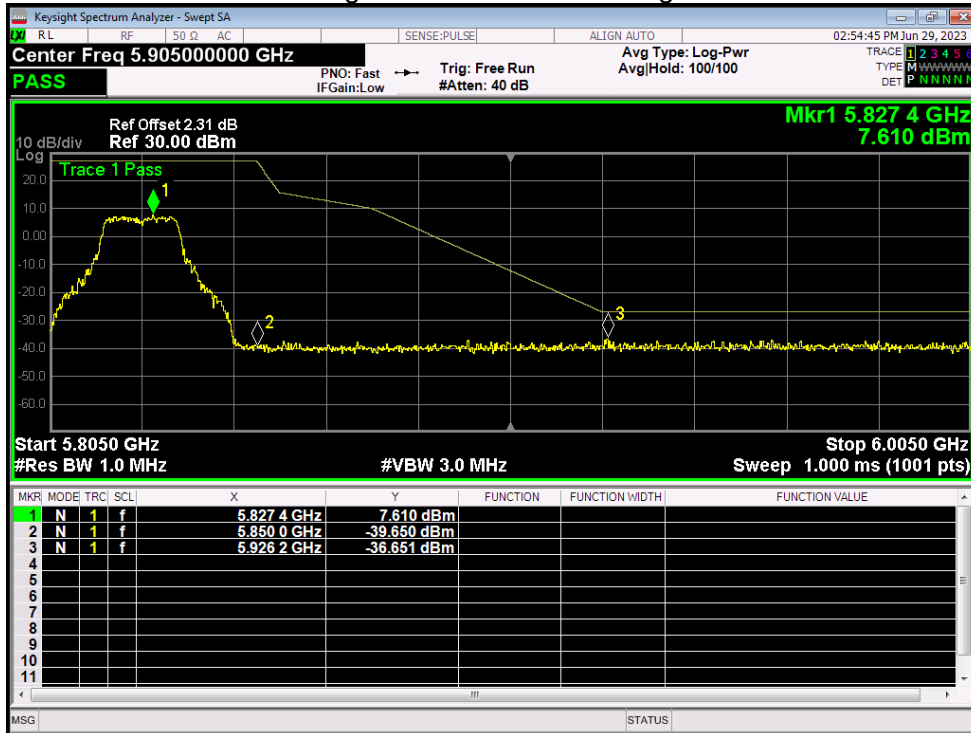
5.6 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-35.25	Pass
NVNT	a	5825	Ant1	-36.65	Pass
NVNT	ac20	5745	Ant1	-33.14	Pass
NVNT	ac20	5825	Ant1	-36.35	Pass
NVNT	ac40	5755	Ant1	-30.87	Pass
NVNT	ac40	5795	Ant1	-36.79	Pass
NVNT	ax20	5745	Ant1	-38.51	Pass
NVNT	ax20	5825	Ant1	-43.45	Pass
NVNT	ax40	5755	Ant1	-33.35	Pass
NVNT	ax40	5795	Ant1	-41.73	Pass
NVNT	n20	5745	Ant1	-35.2	Pass
NVNT	n20	5825	Ant1	-36.48	Pass
NVNT	n40	5755	Ant1	-30.51	Pass
NVNT	n40	5795	Ant1	-37.21	Pass

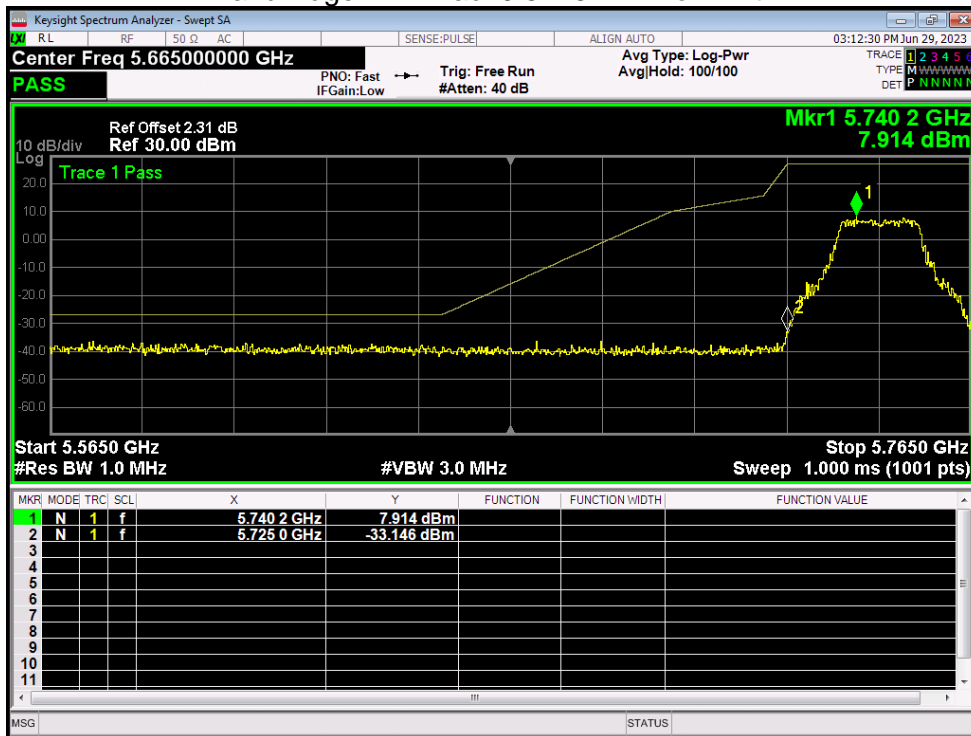
Band Edge NVNT a 5745MHz Low Ant1



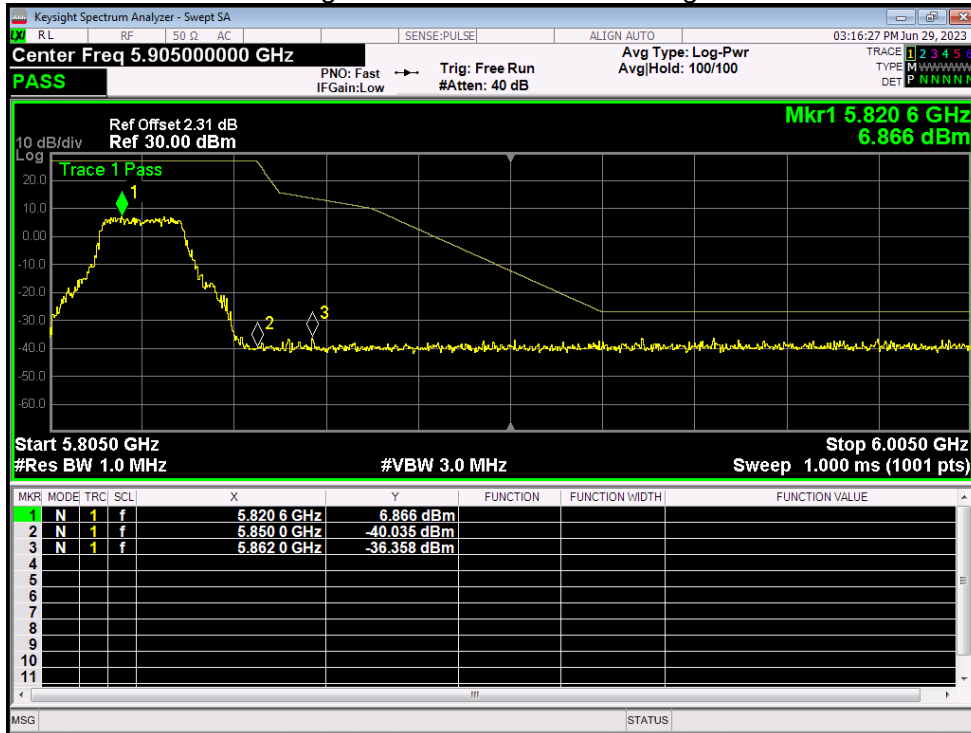
### Band Edge NVNT a 5825MHz High Ant1



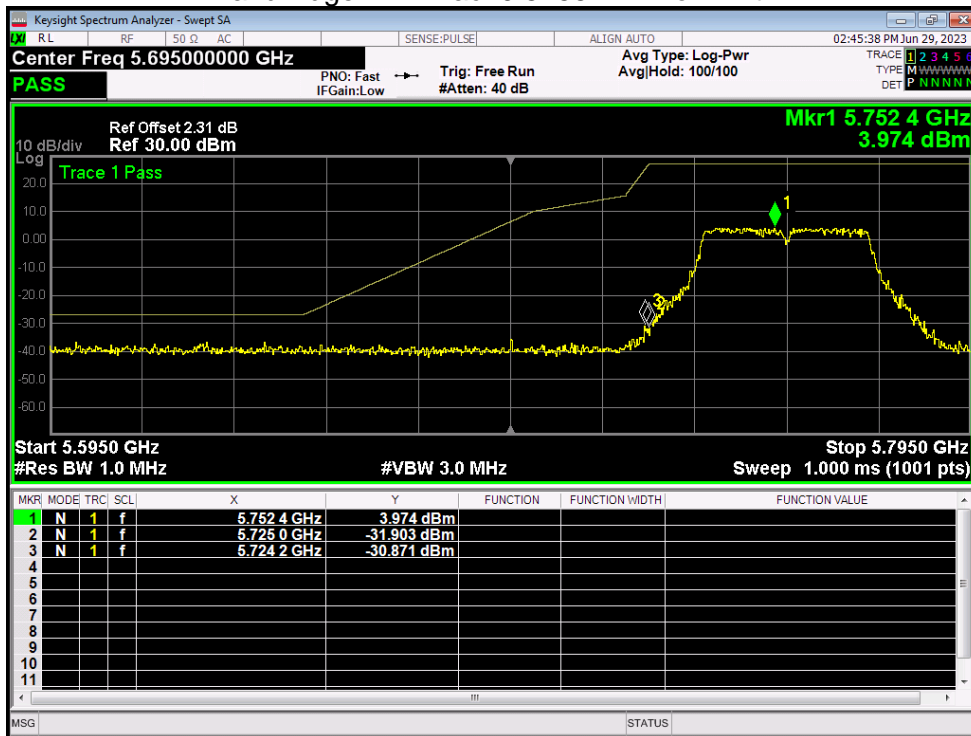
### Band Edge NVNT ac20 5745MHz Low Ant1



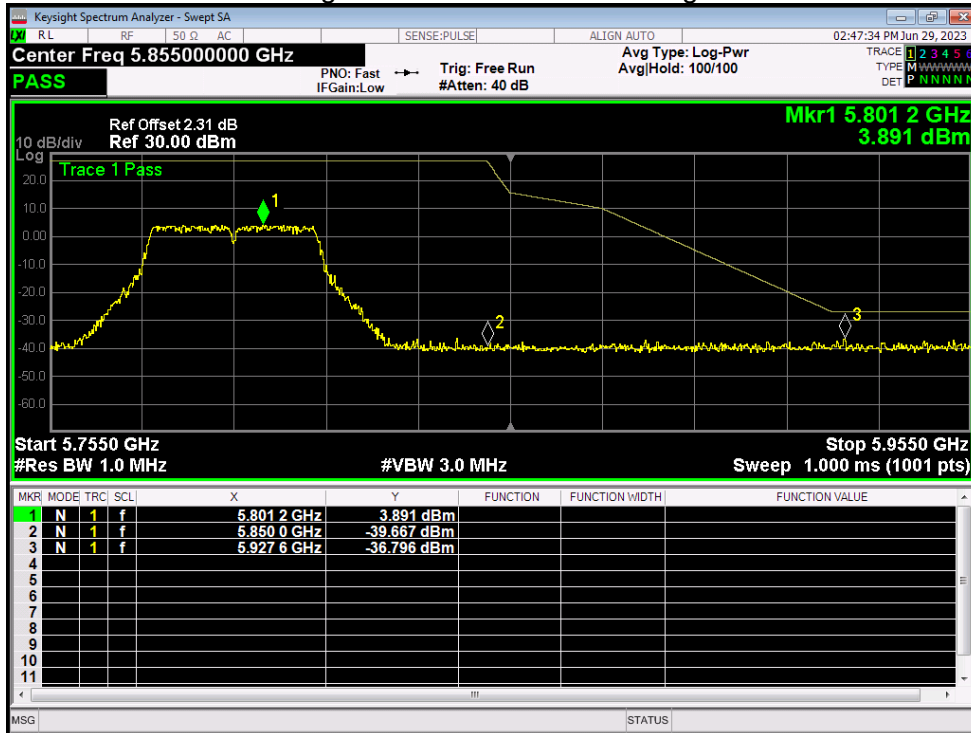
### Band Edge NVNT ac20 5825MHz High Ant1



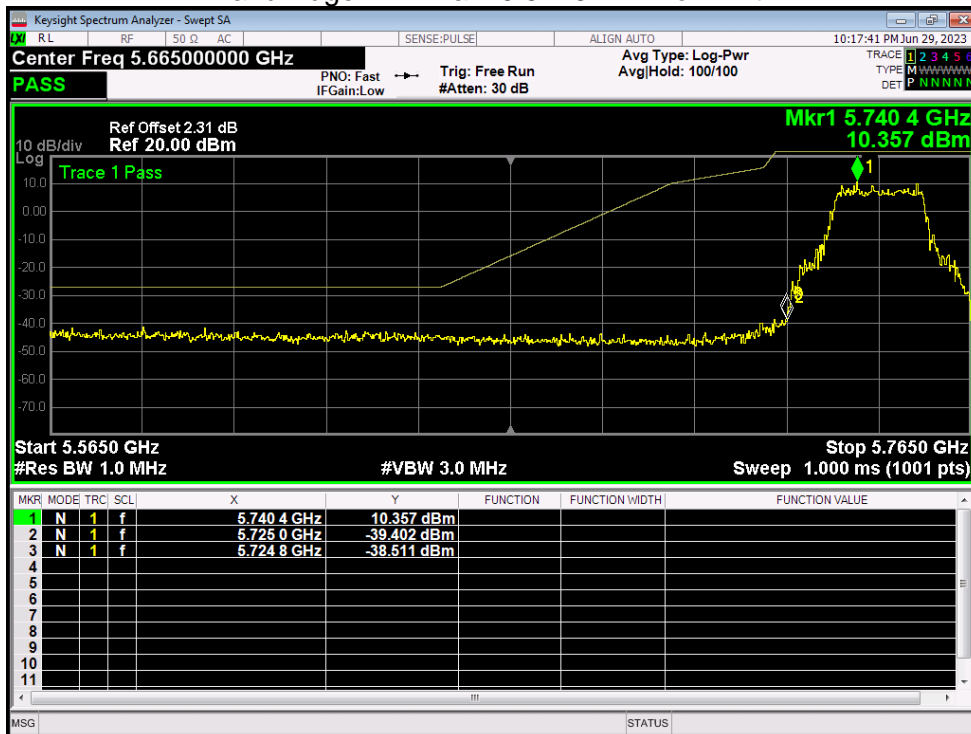
### Band Edge NVNT ac40 5755MHz Low Ant1



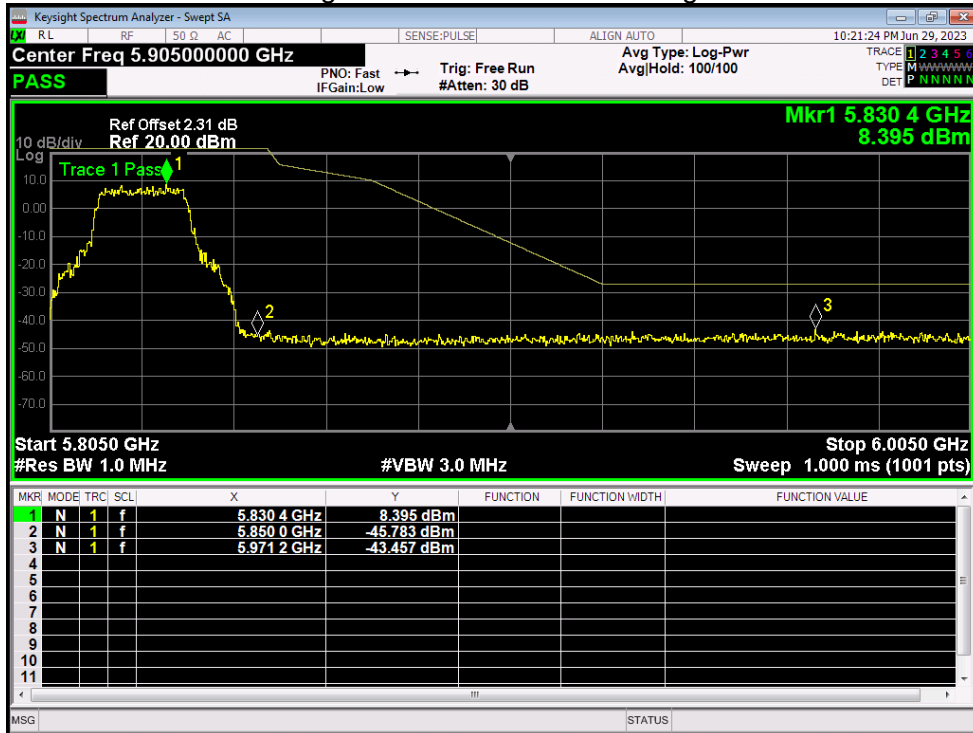
### Band Edge NVNT ac40 5795MHz High Ant1



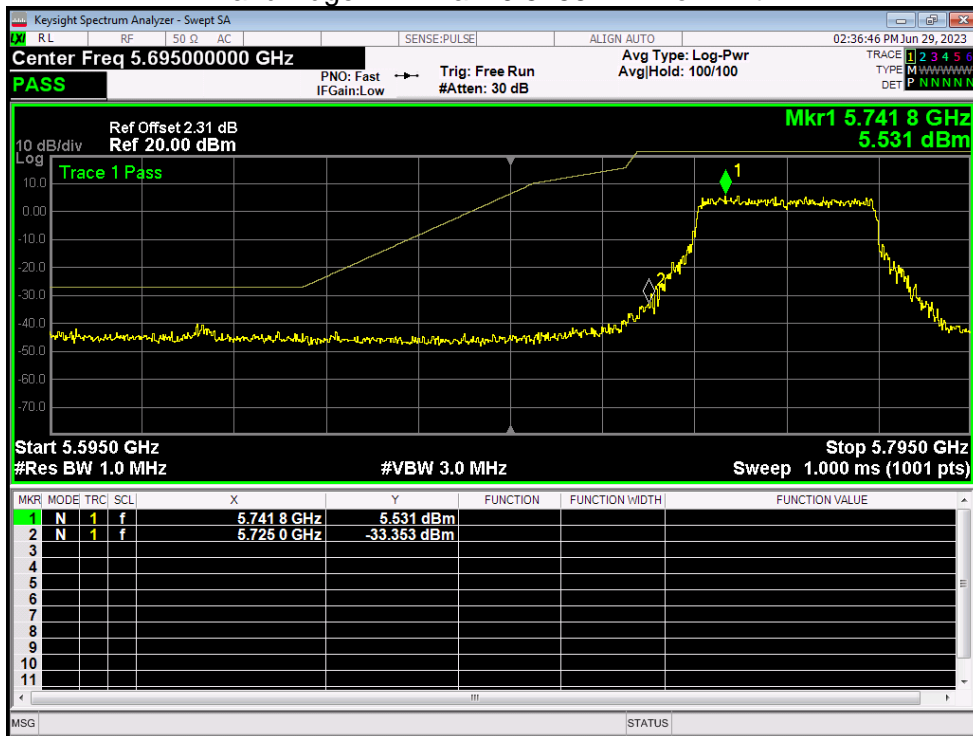
### Band Edge NVNT ax20 5745MHz Low Ant1



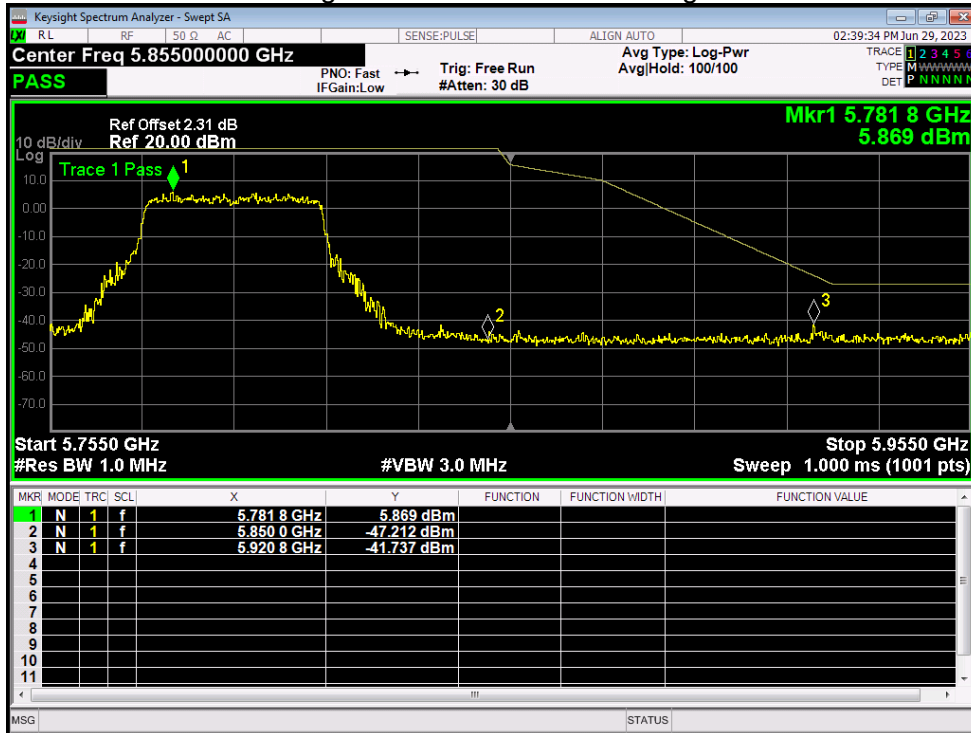
### Band Edge NVNT ax20 5825MHz High Ant1



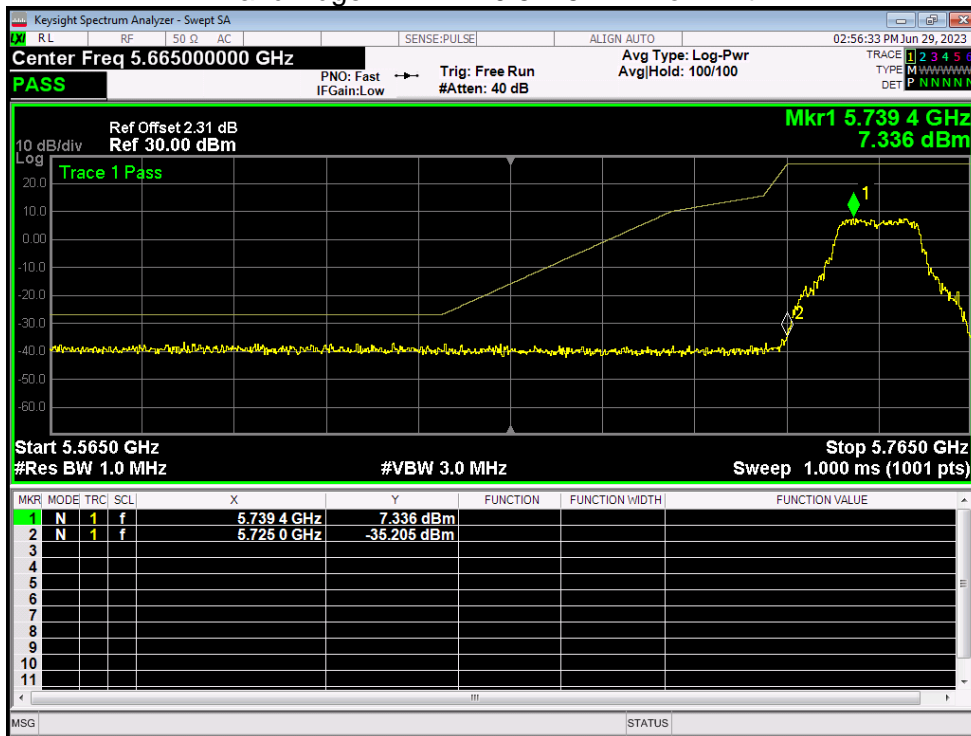
### Band Edge NVNT ax40 5755MHz Low Ant1



### Band Edge NVNT ax40 5795MHz High Ant1

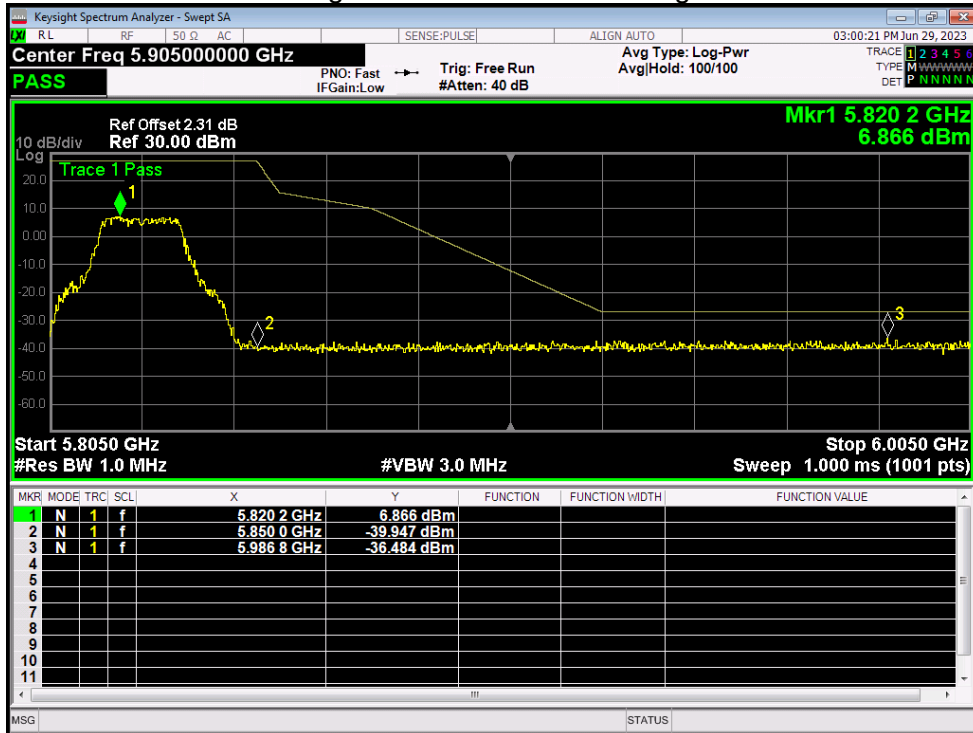


### Band Edge NVNT n20 5745MHz Low Ant1

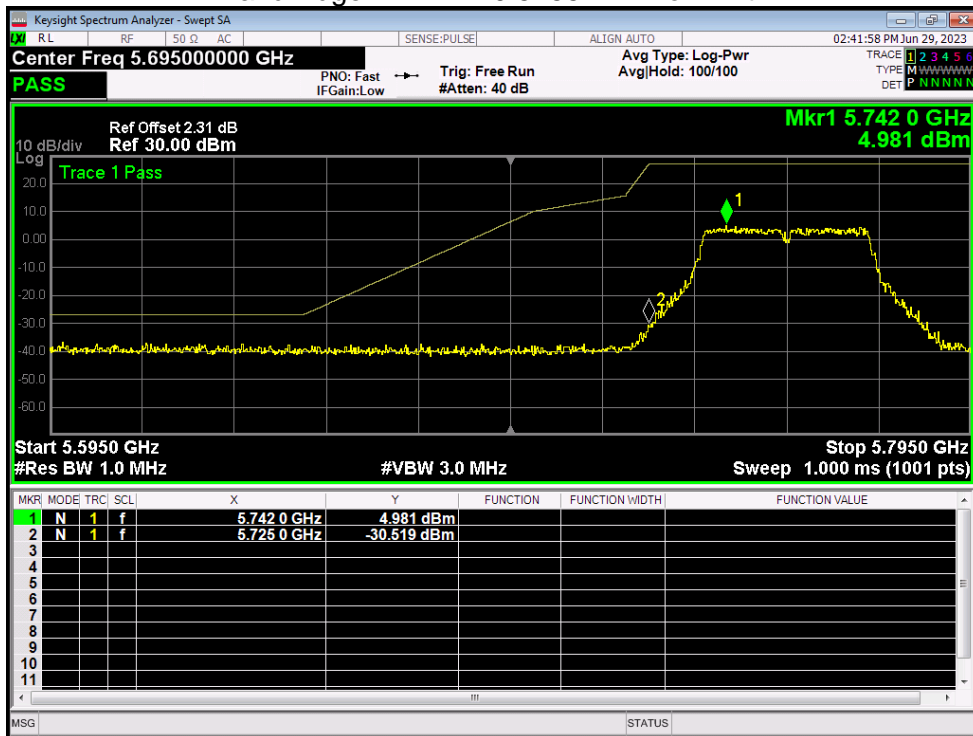




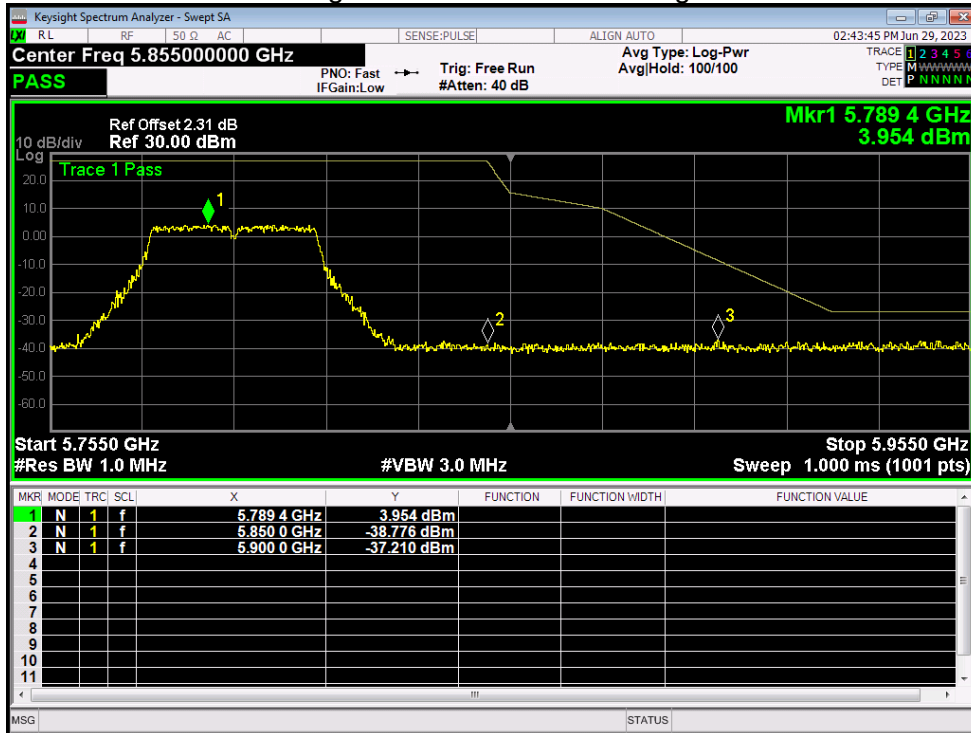
### Band Edge NVNT n20 5825MHz High Ant1



### Band Edge NVNT n40 5755MHz Low Ant1



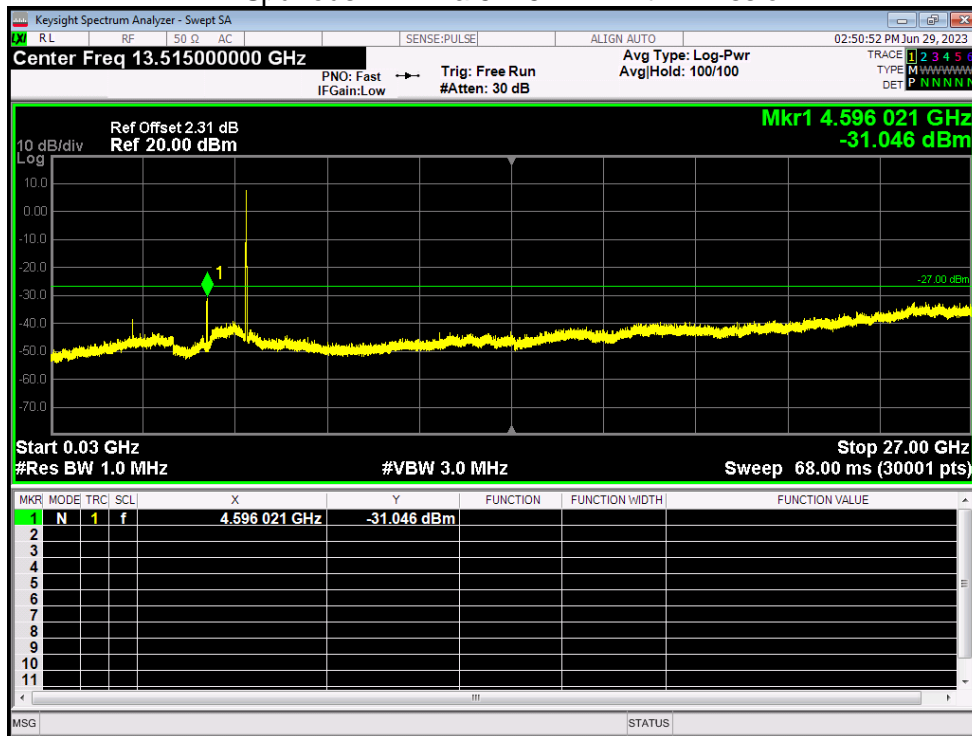
Band Edge NVNT n40 5795MHz High Ant1



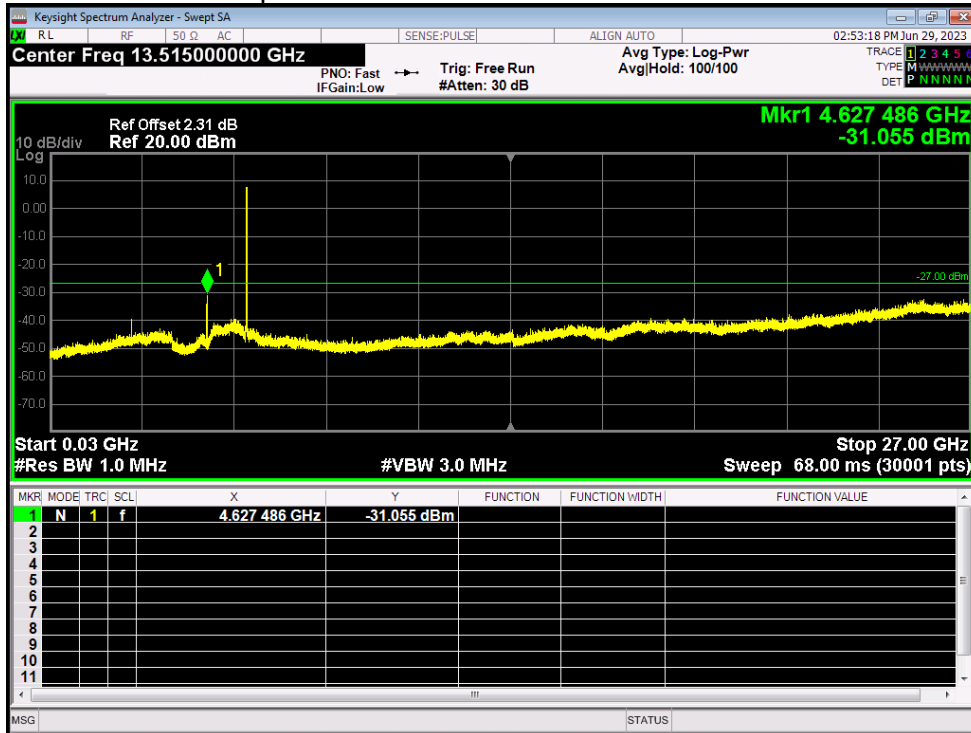
**5.7 CONDUCTED RF SPURIOUS EMISSION**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-31.04	-27	Pass
NVNT	a	5785	Ant1	-31.05	-27	Pass
NVNT	a	5825	Ant1	-30.46	-27	Pass
NVNT	ac20	5745	Ant1	-31.32	-27	Pass
NVNT	ac20	5785	Ant1	-31.11	-27	Pass
NVNT	ac20	5825	Ant1	-30.71	-27	Pass
NVNT	ac40	5755	Ant1	-30.93	-27	Pass
NVNT	ac40	5795	Ant1	-31.06	-27	Pass
NVNT	ax20	5745	Ant1	-30.54	-27	Pass
NVNT	ax20	5785	Ant1	-30.7	-27	Pass
NVNT	ax20	5825	Ant1	-30.02	-27	Pass
NVNT	ax40	5755	Ant1	-30.6	-27	Pass
NVNT	ax40	5795	Ant1	-30.46	-27	Pass
NVNT	n20	5745	Ant1	-31.04	-27	Pass
NVNT	n20	5785	Ant1	-31.6	-27	Pass
NVNT	n20	5825	Ant1	-30.47	-27	Pass
NVNT	n40	5755	Ant1	-31.02	-27	Pass
NVNT	n40	5795	Ant1	-30.83	-27	Pass

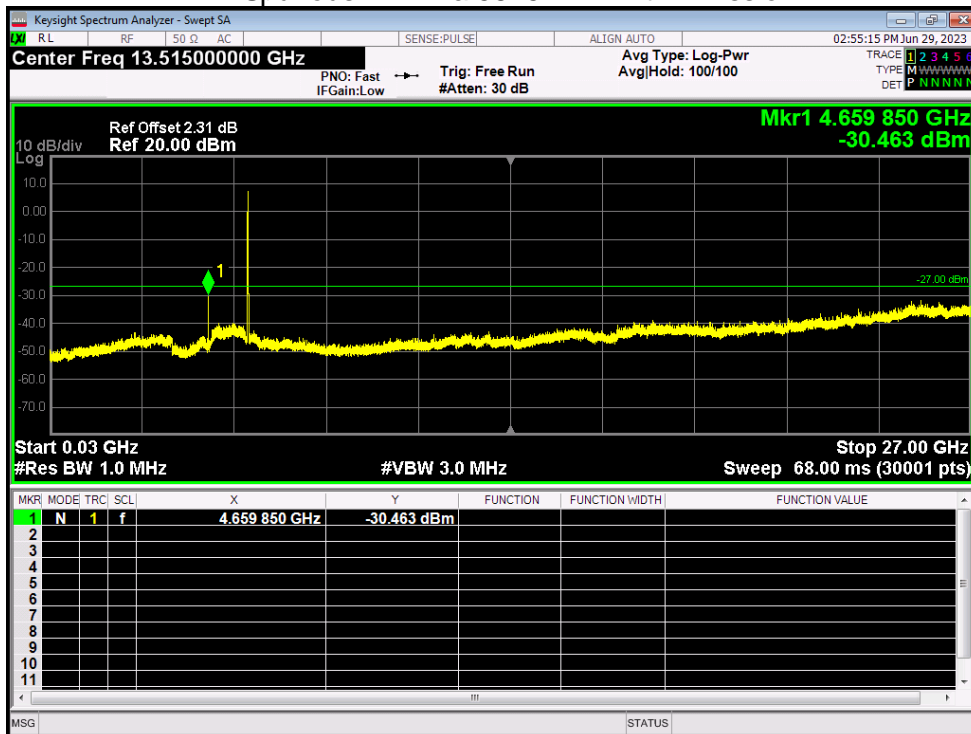
Tx. Spurious NVNT a 5745MHz Ant1 Emission



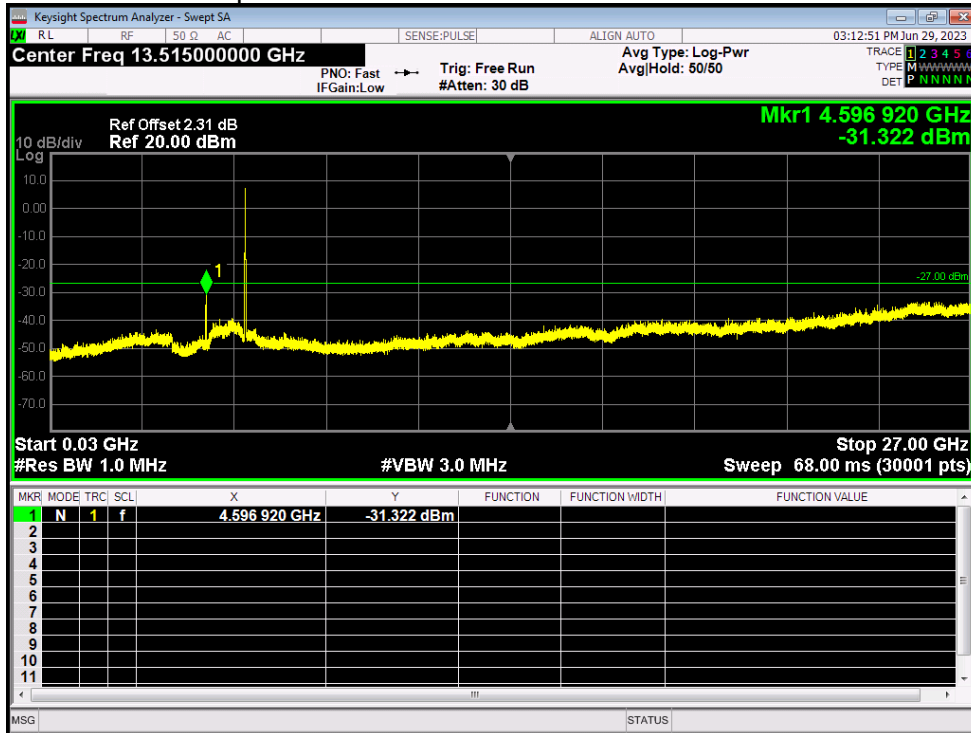
Tx. Spurious NVNT a 5785MHz Ant1 Emission



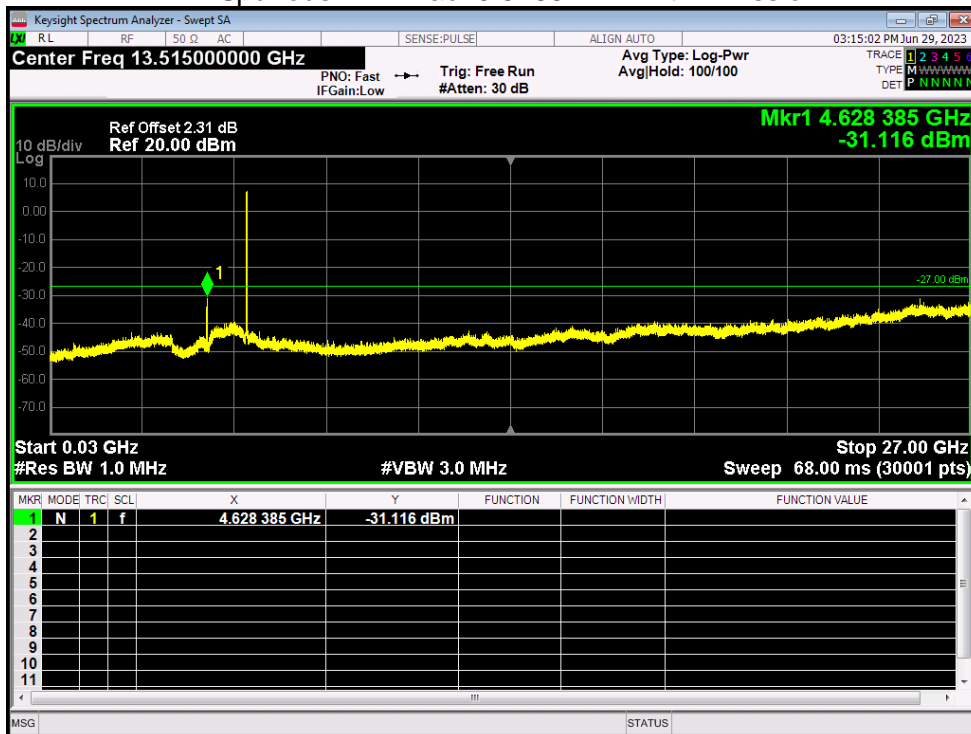
Tx. Spurious NVNT a 5825MHz Ant1 Emission



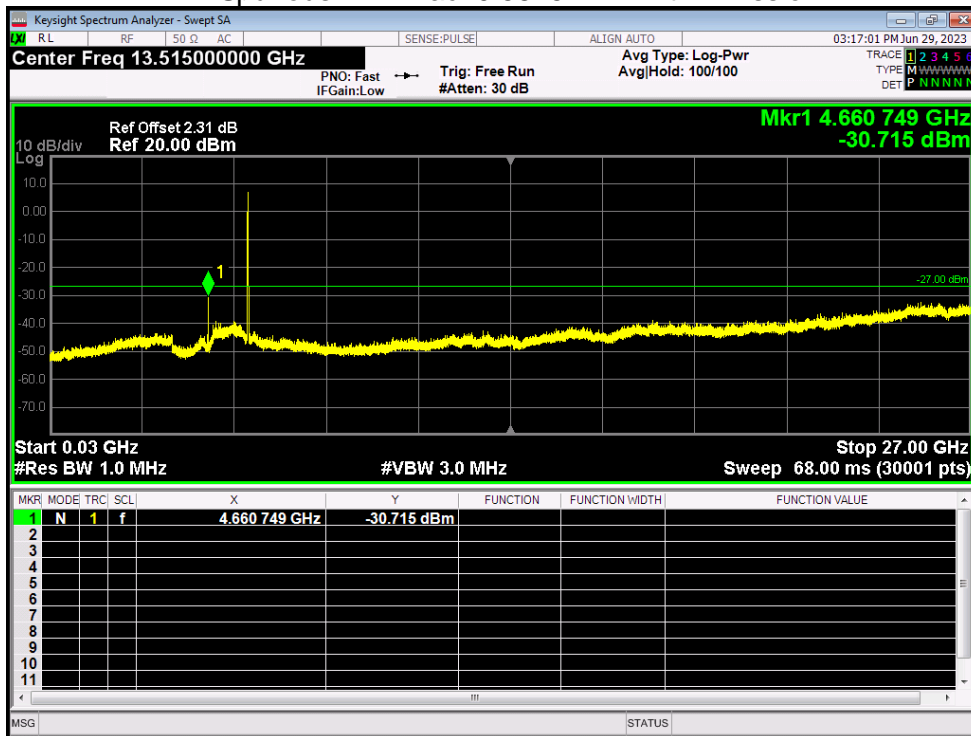
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



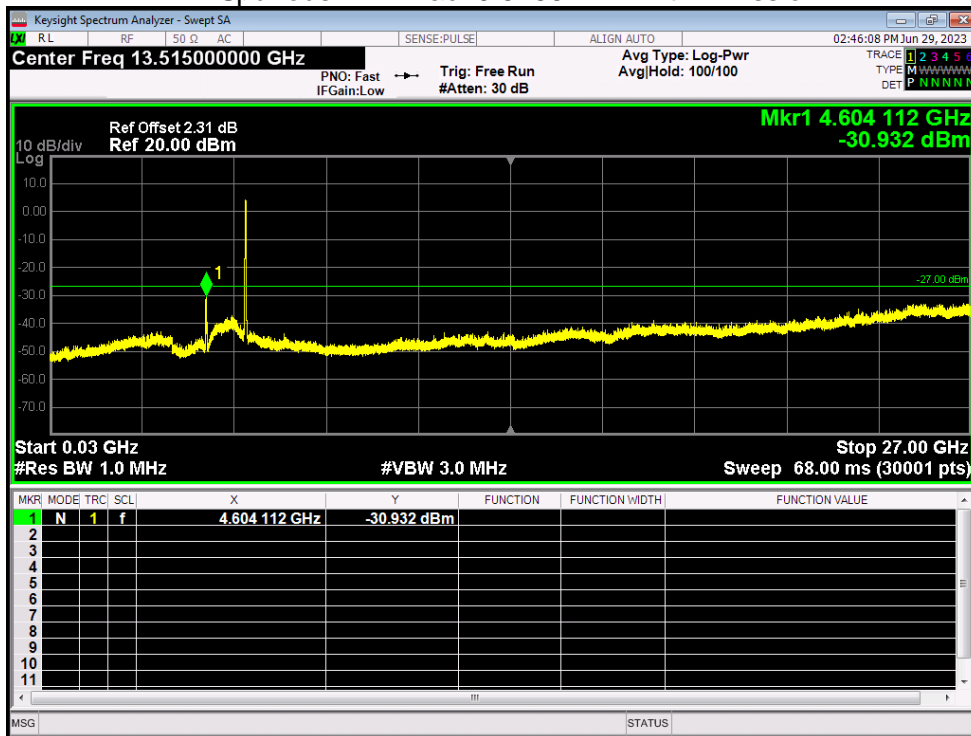
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



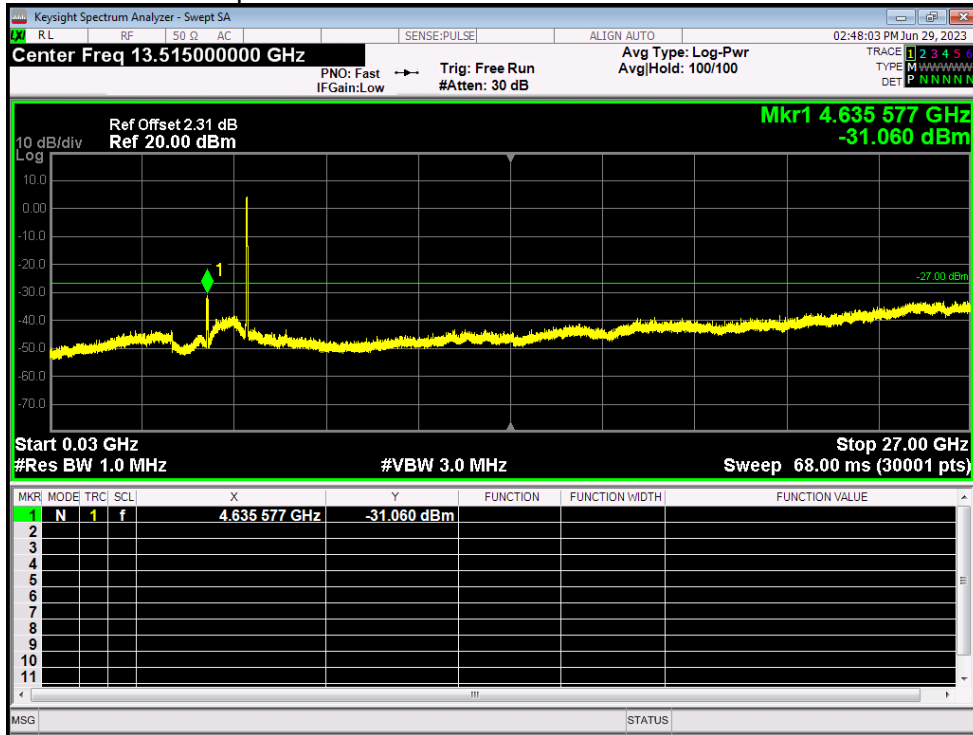
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



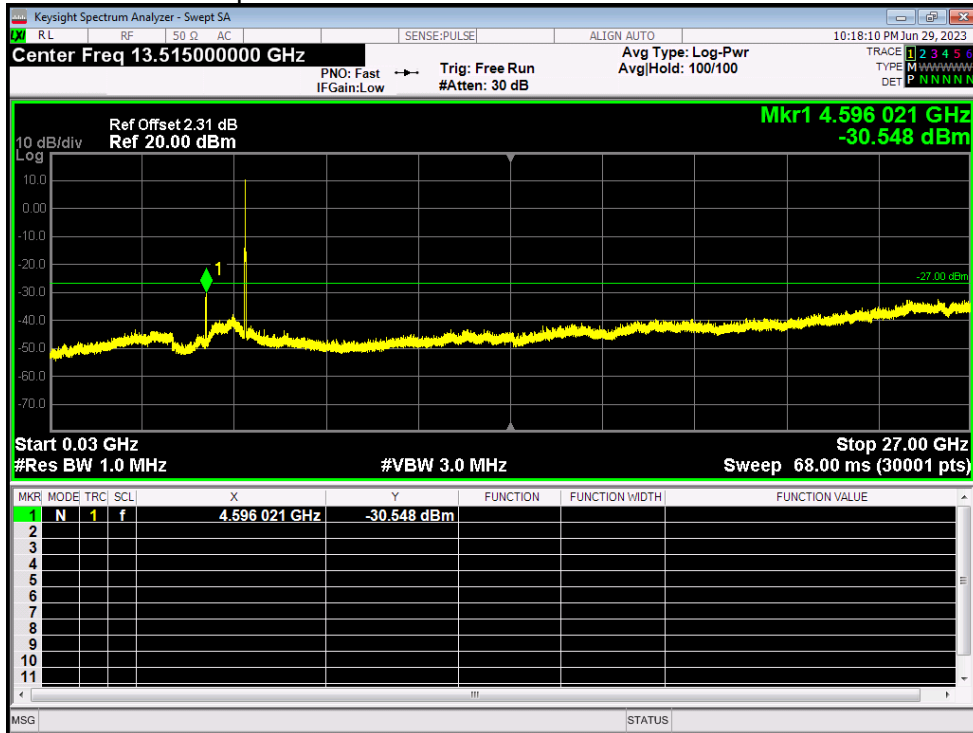
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



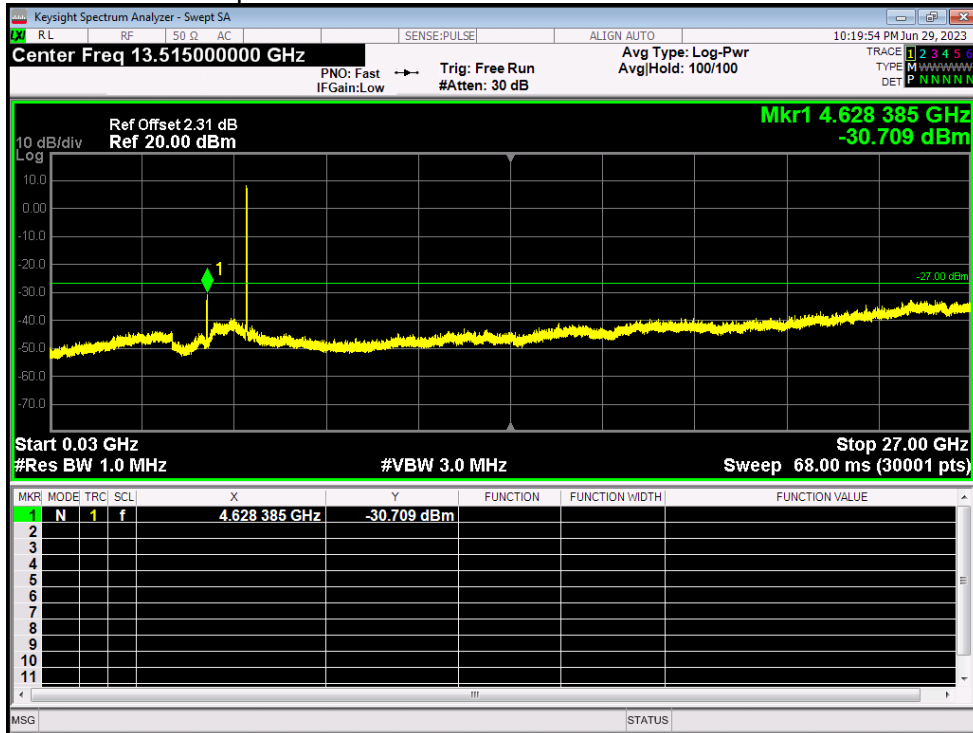
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



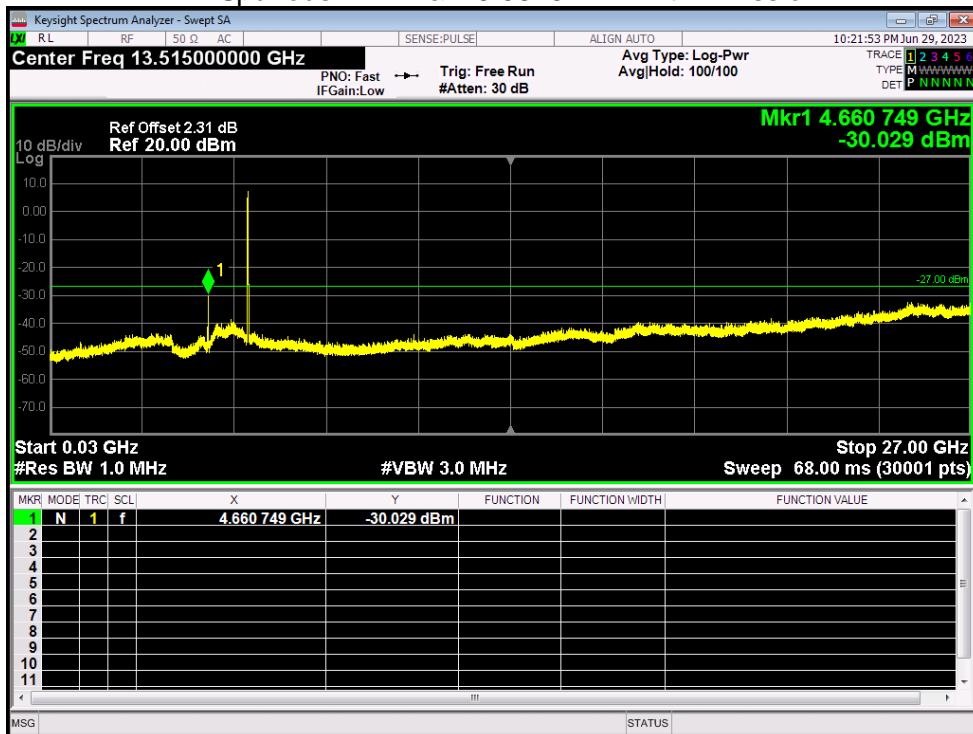
Tx. Spurious NVNT ax20 5745MHz Ant1 Emission



Tx. Spurious NVNT ax20 5785MHz Ant1 Emission

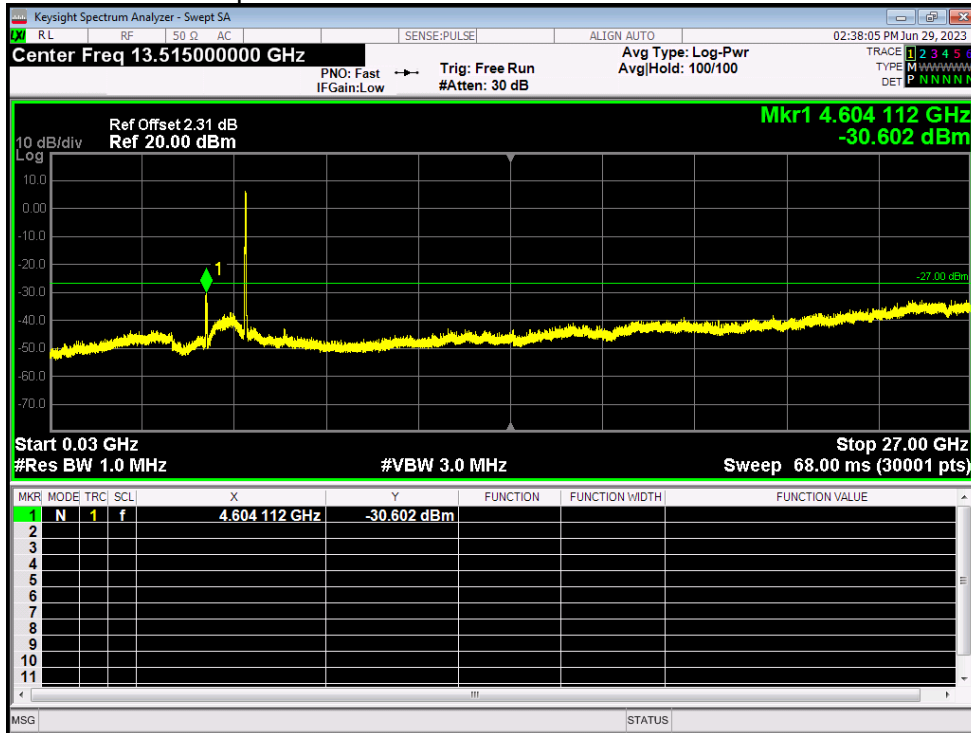


Tx. Spurious NVNT ax20 5825MHz Ant1 Emission

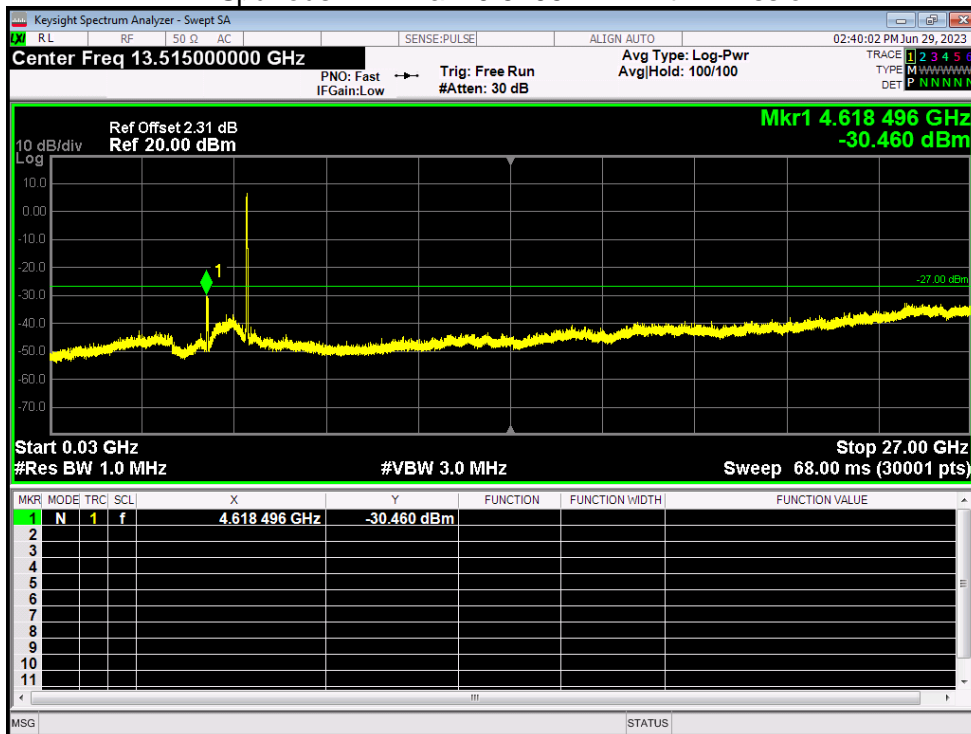




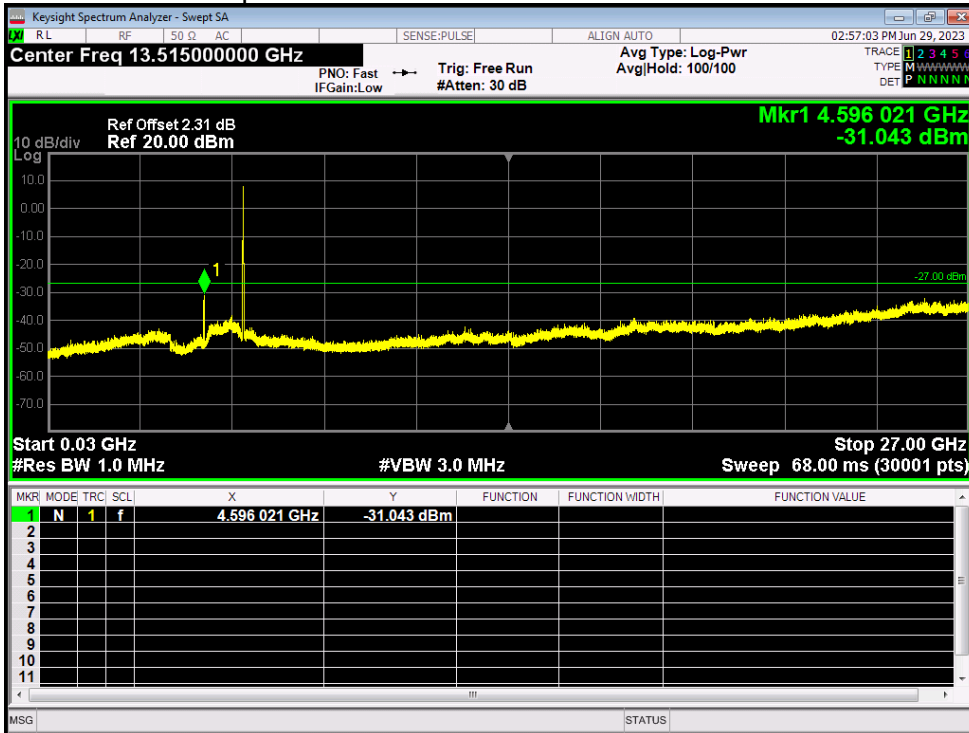
Tx. Spurious NVNT ax40 5755MHz Ant1 Emission



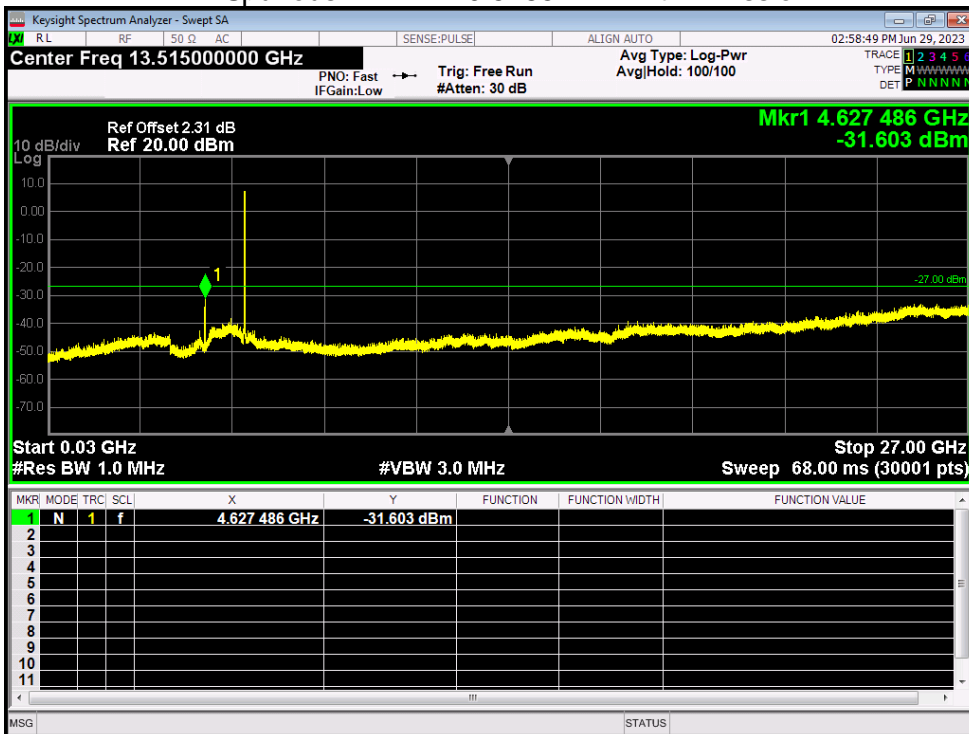
Tx. Spurious NVNT ax40 5795MHz Ant1 Emission



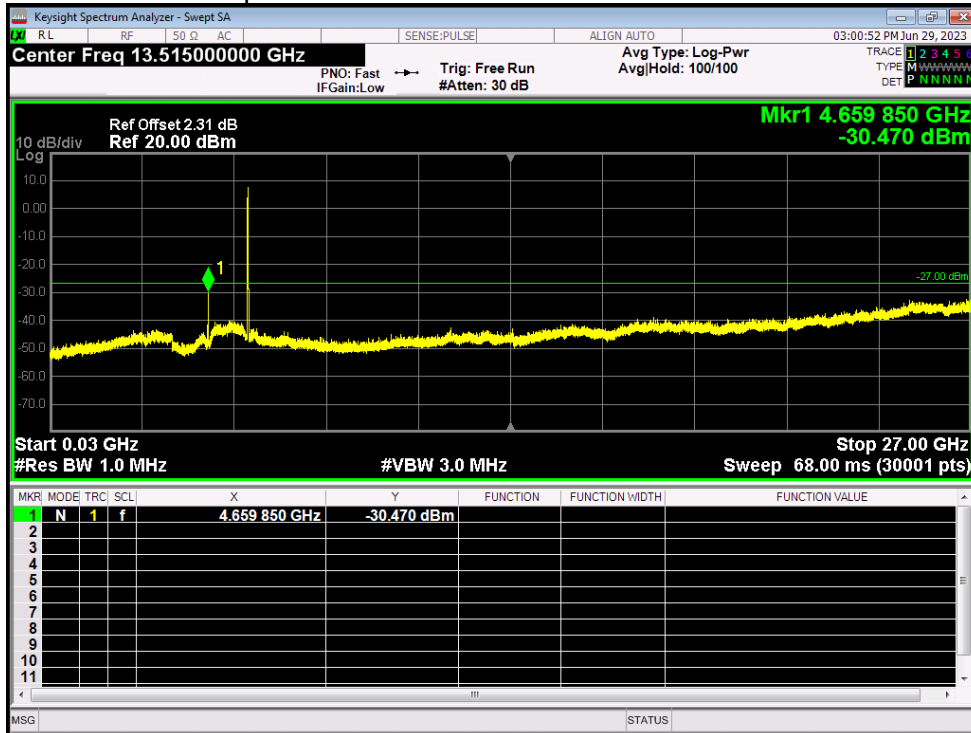
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



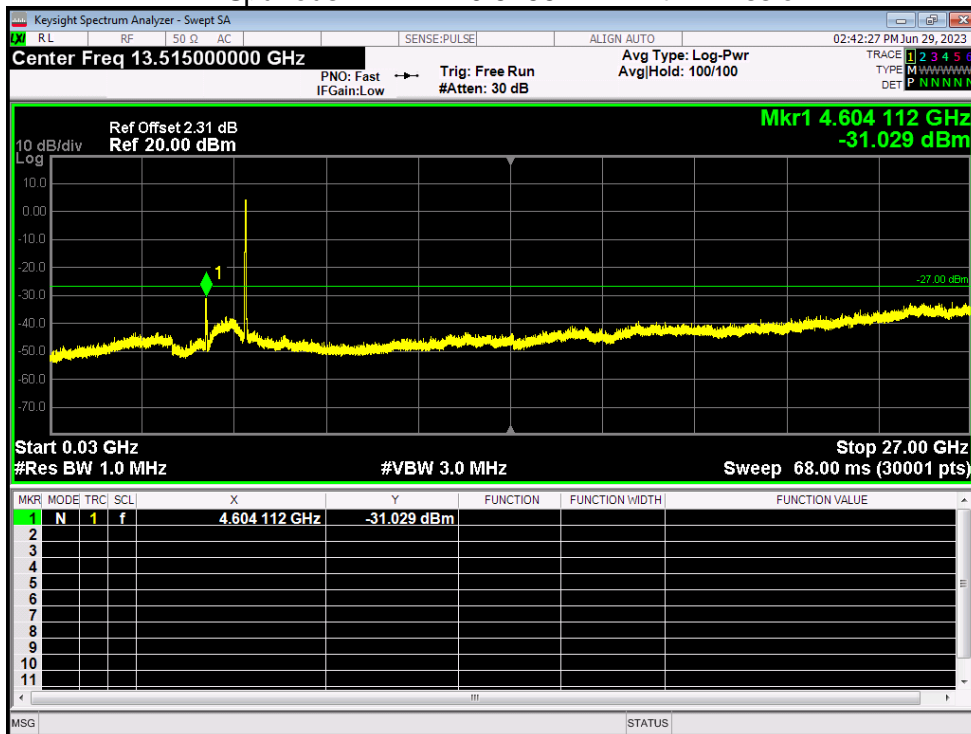
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



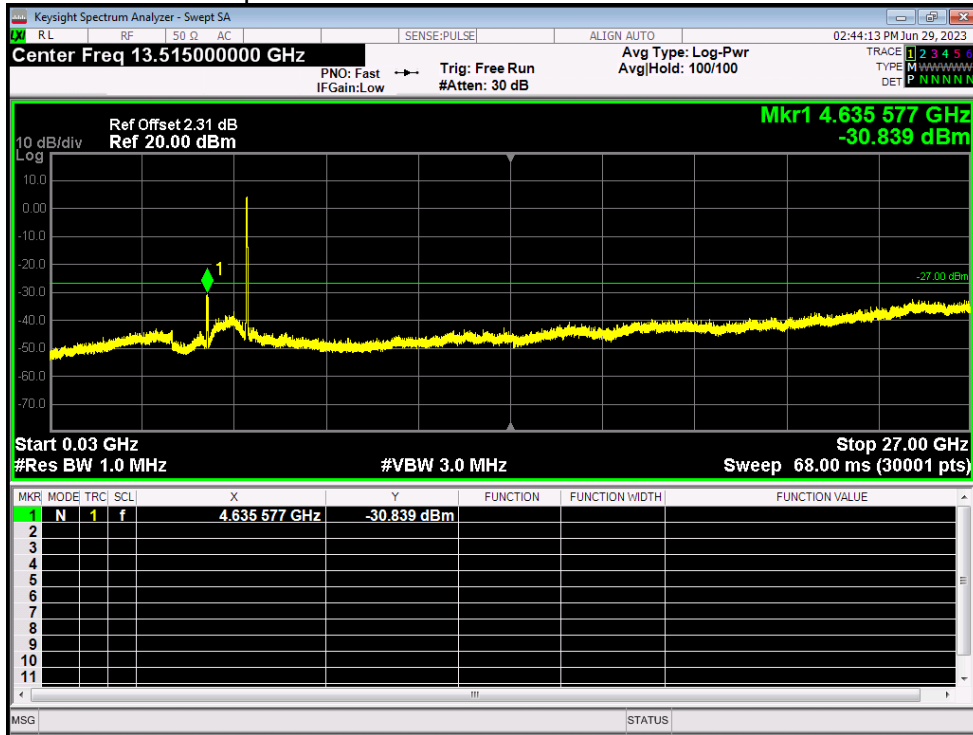
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



Tx. Spurious NVNT n40 5755MHz Ant1 Emission



Tx. Spurious NVNT n40 5795MHz Ant1 Emission



END OF REPORT