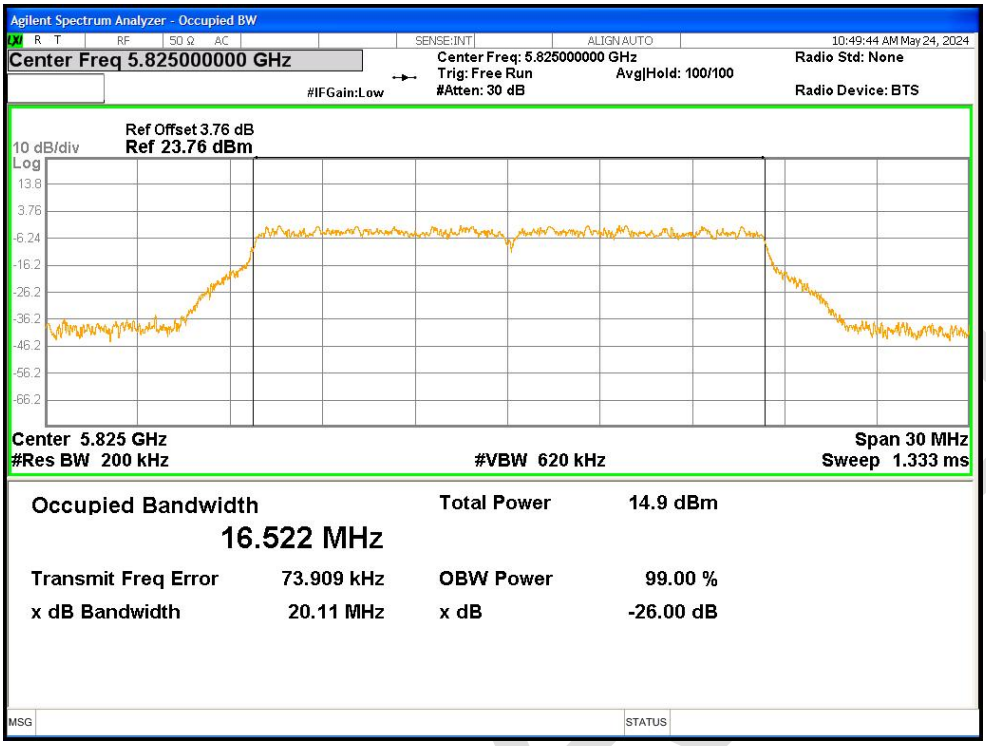
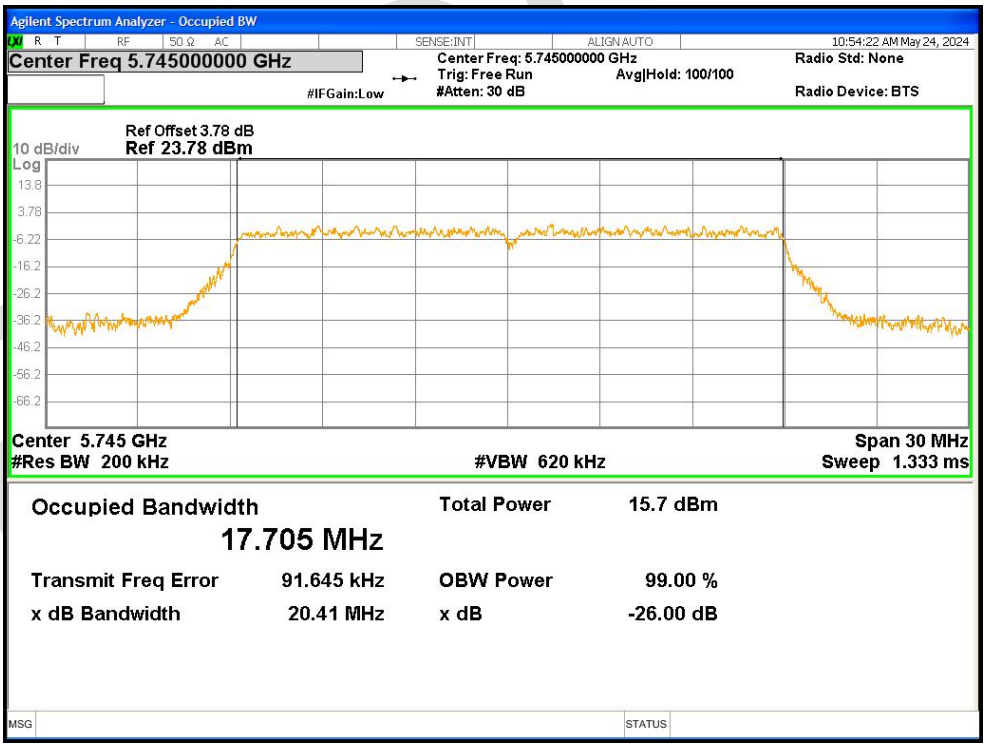
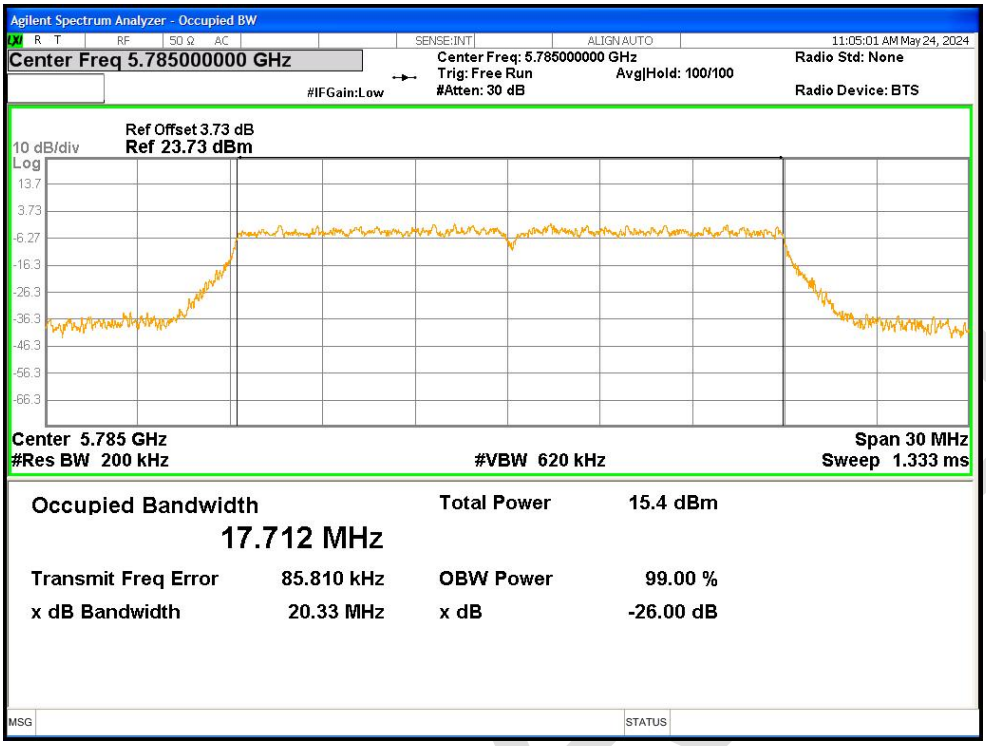


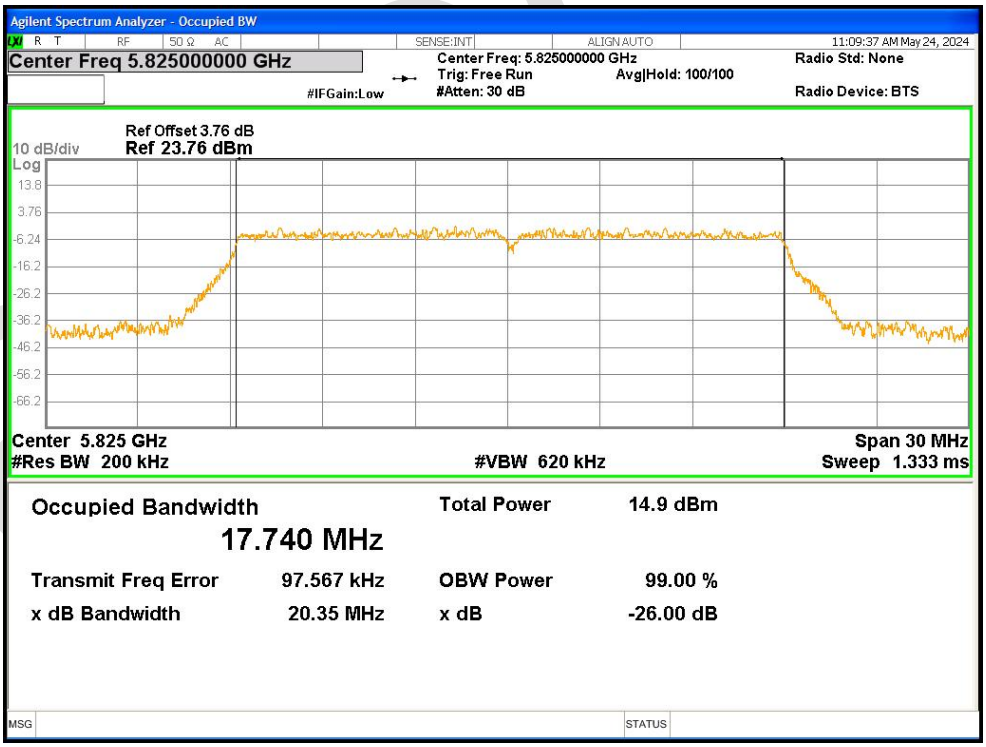
OBW NVNT n20 5745MHz Ant1



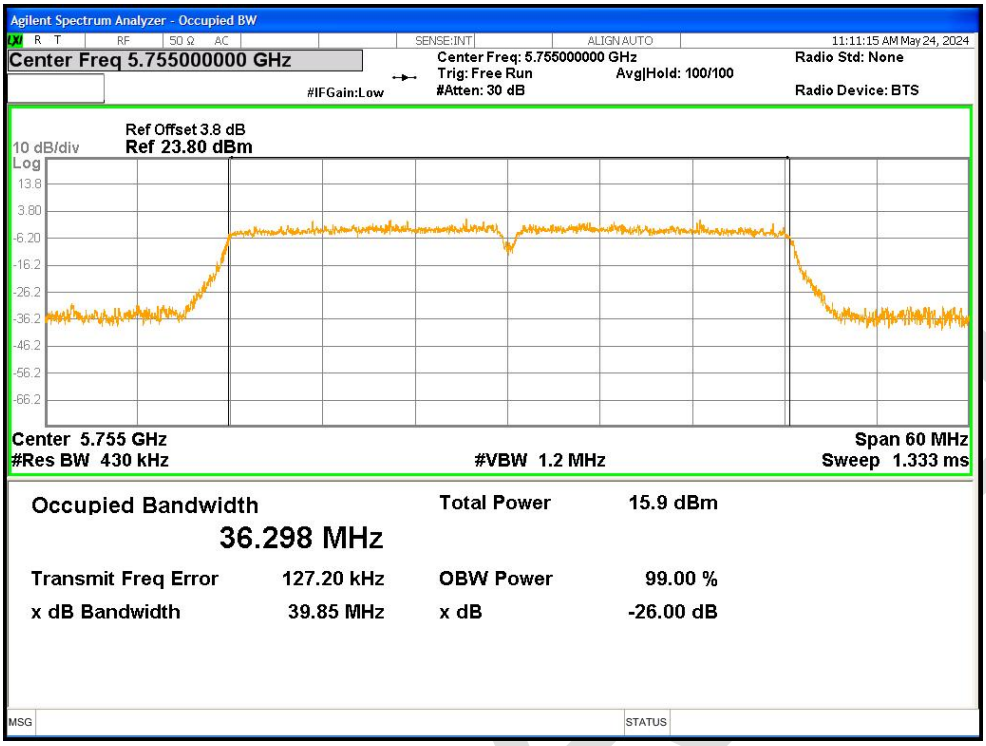
OBW NVNT n20 5785MHz Ant1



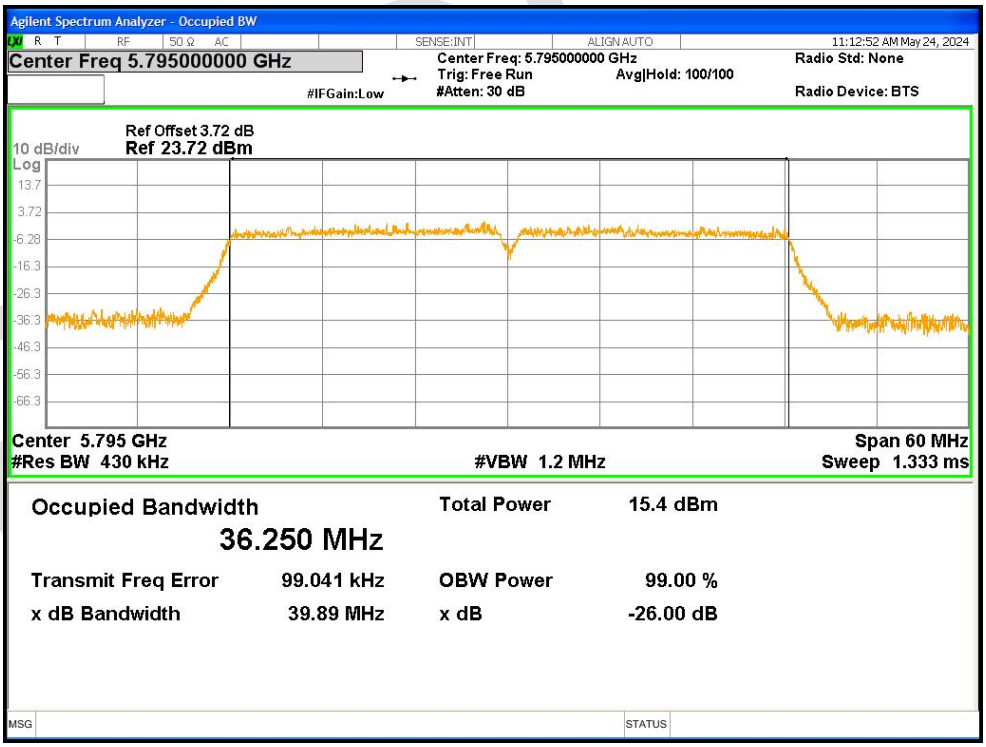
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1

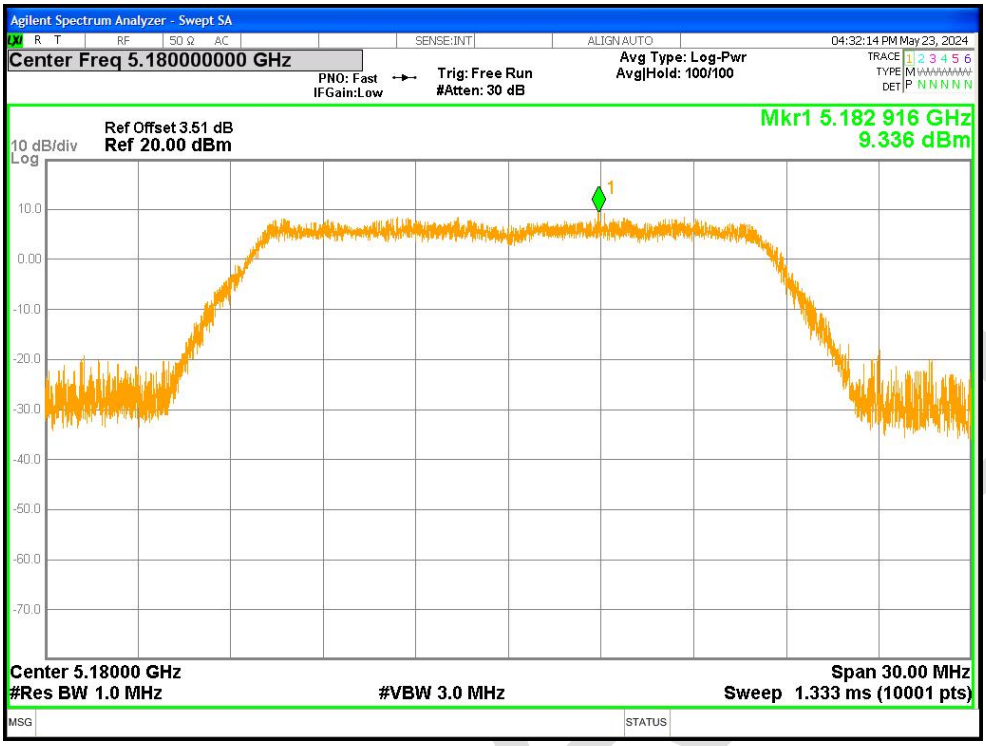


7.4 Maximum Power Spectral Density Level

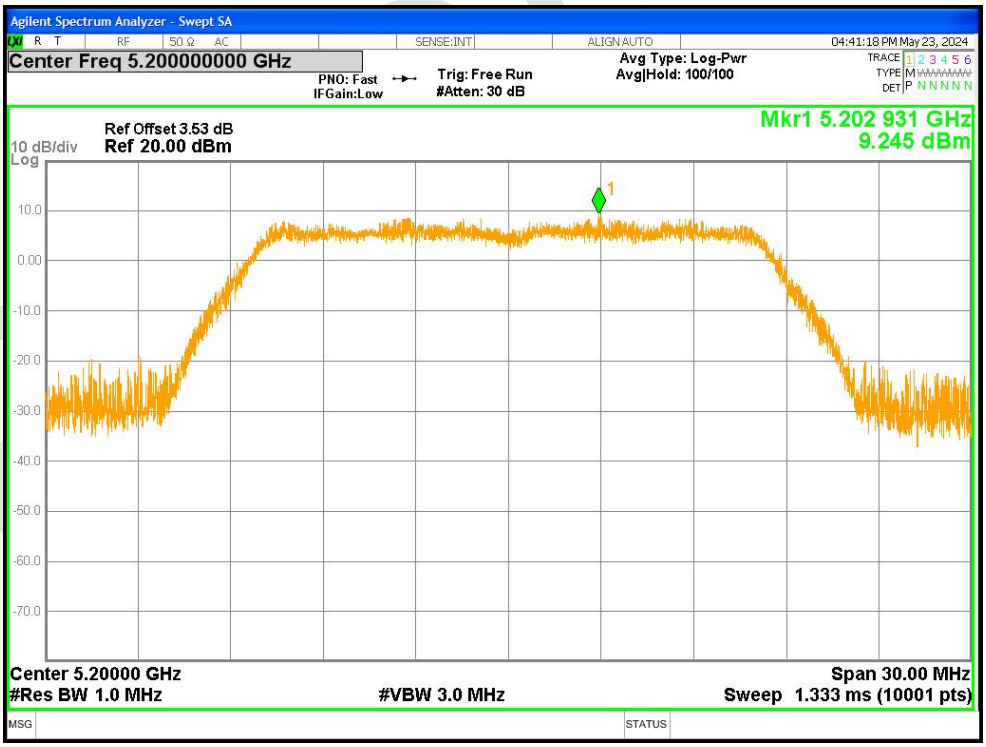
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	9.336	11	Pass
NVNT	a	5200	Ant1	9.245	11	Pass
NVNT	a	5240	Ant1	9.617	11	Pass
NVNT	n20	5180	Ant1	8.266	11	Pass
NVNT	n20	5200	Ant1	7.968	11	Pass
NVNT	n20	5240	Ant1	8.306	11	Pass
NVNT	n40	5190	Ant1	5.342	11	Pass
NVNT	n40	5230	Ant1	5.692	11	Pass
NVNT	a	5745	Ant1	3.859	30	Pass
NVNT	a	5785	Ant1	3.97	30	Pass
NVNT	a	5825	Ant1	3.329	30	Pass
NVNT	n20	5745	Ant1	3.667	30	Pass
NVNT	n20	5785	Ant1	3.318	30	Pass
NVNT	n20	5825	Ant1	2.883	30	Pass
NVNT	n40	5755	Ant1	1.73	30	Pass
NVNT	n40	5795	Ant1	1.342	30	Pass

PSD NVNT a 5180MHz Ant1

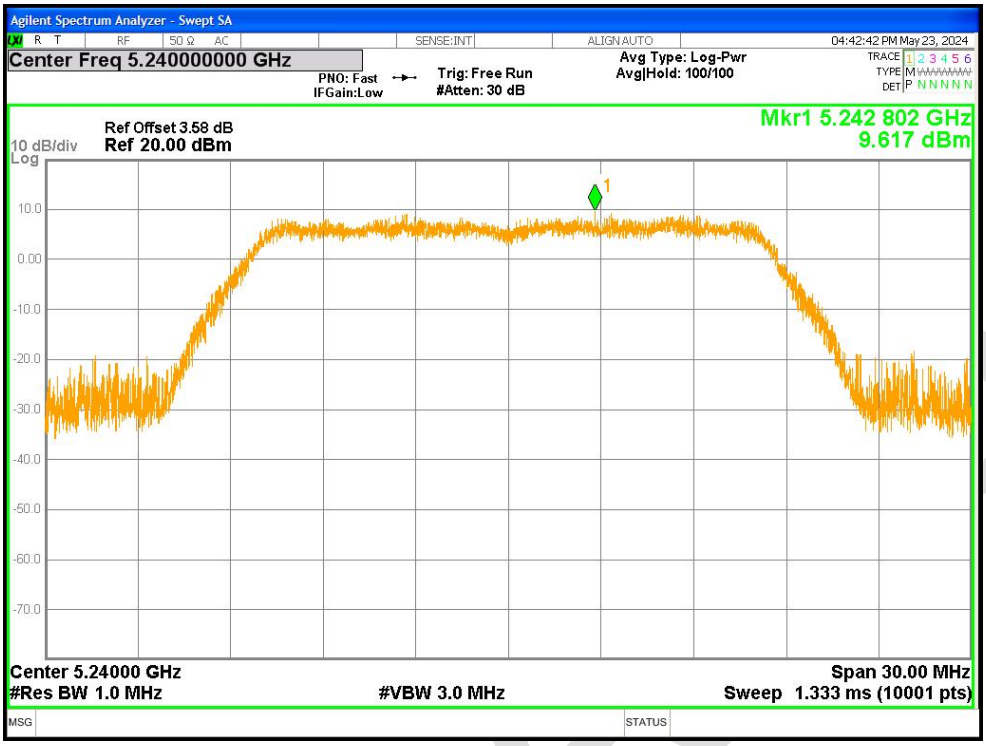
BlueAsia



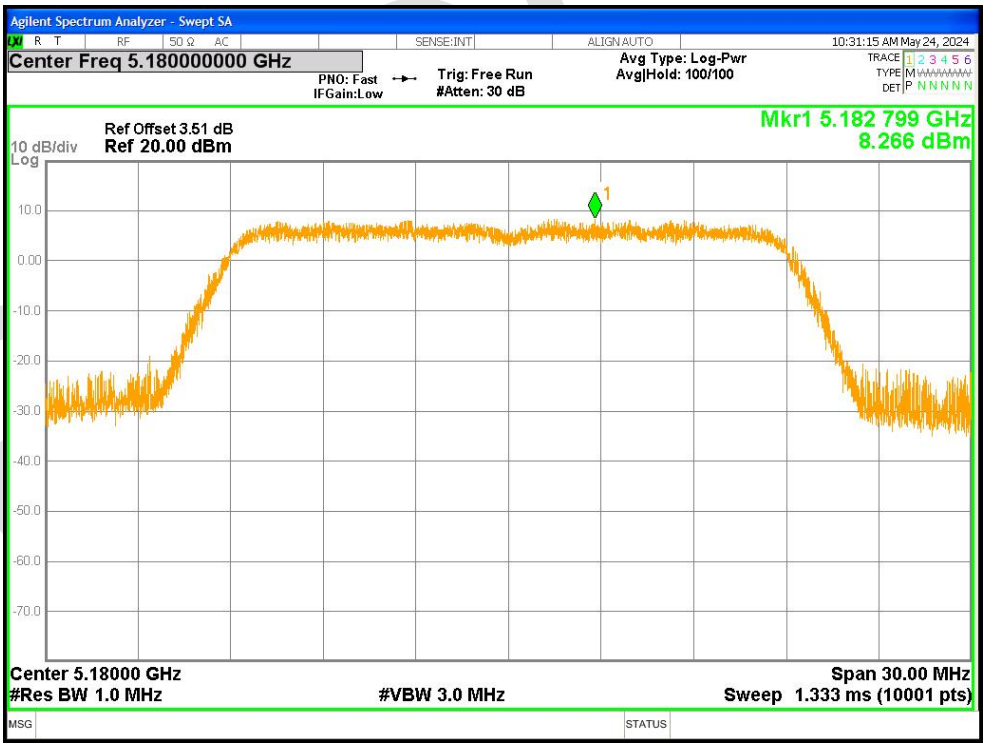
PSD NVNT a 5200MHz Ant1



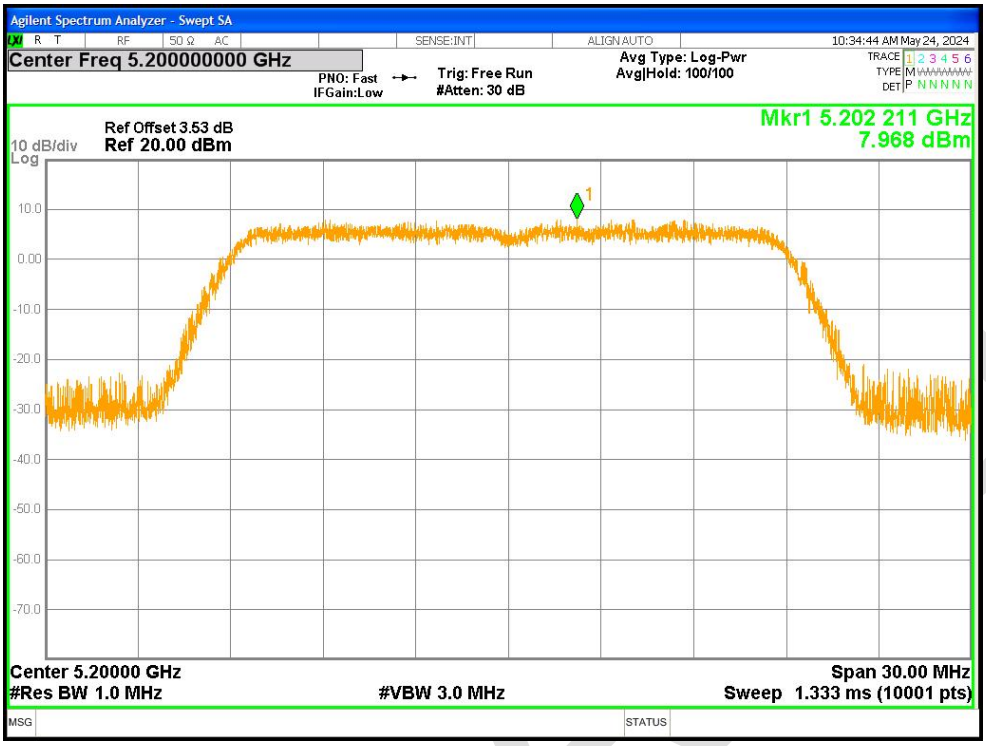
PSD NVNT a 5240MHz Ant1



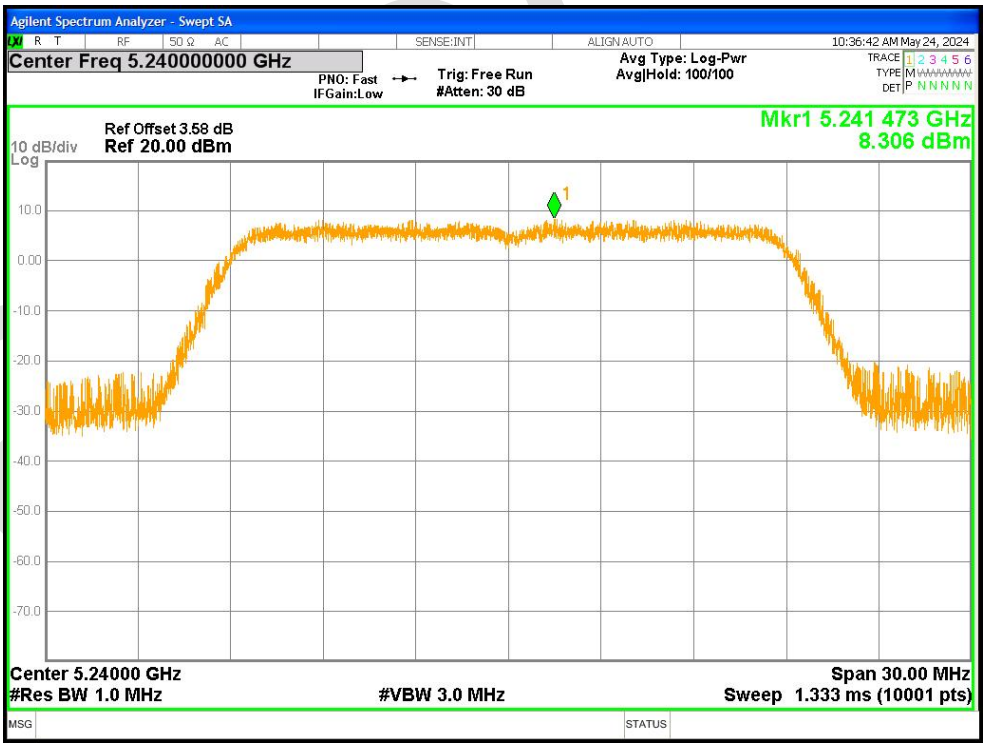
PSD NVNT n20 5180MHz Ant1



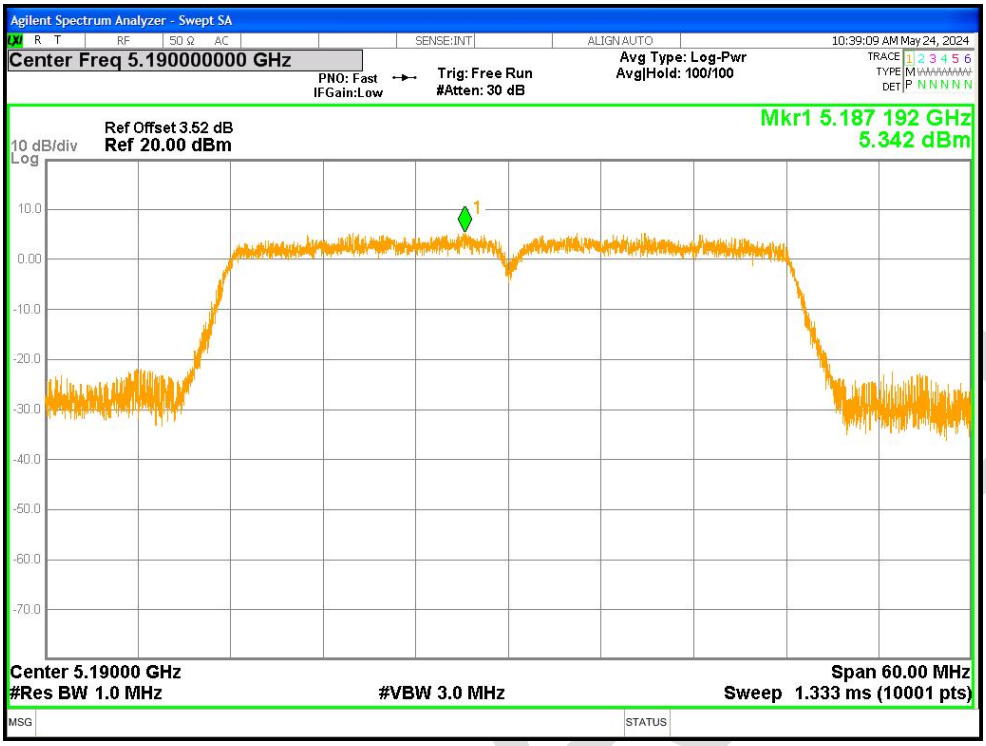
PSD NVNT n20 5200MHz Ant1



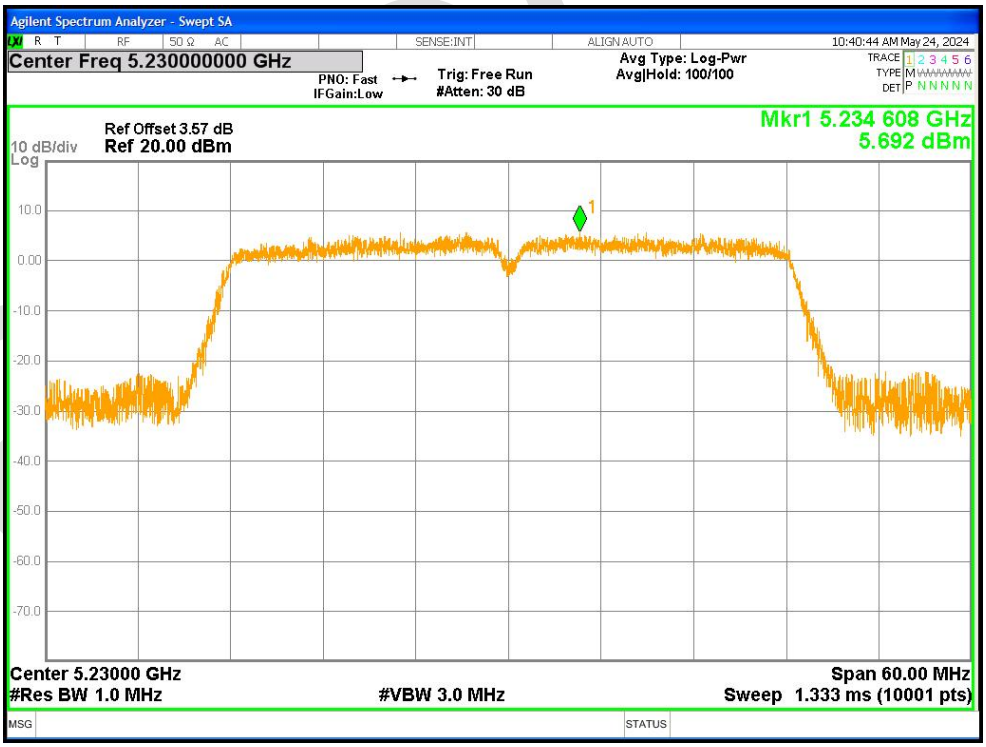
PSD NVNT n20 5240MHz Ant1



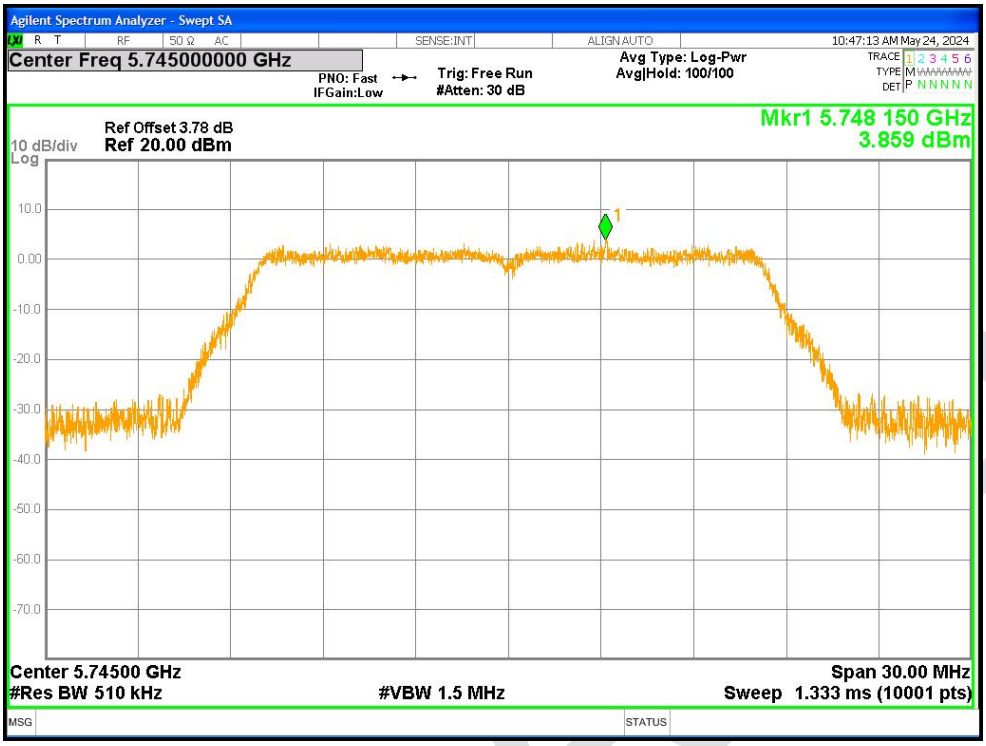
PSD NVNT n40 5190MHz Ant1



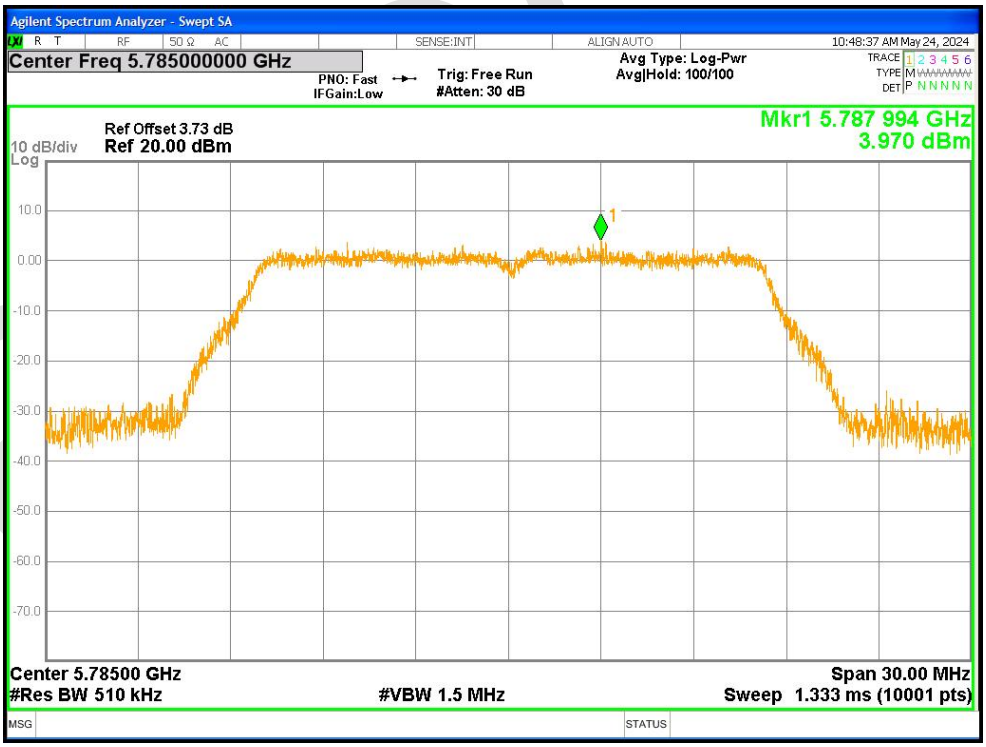
PSD NVNT n40 5230MHz Ant1



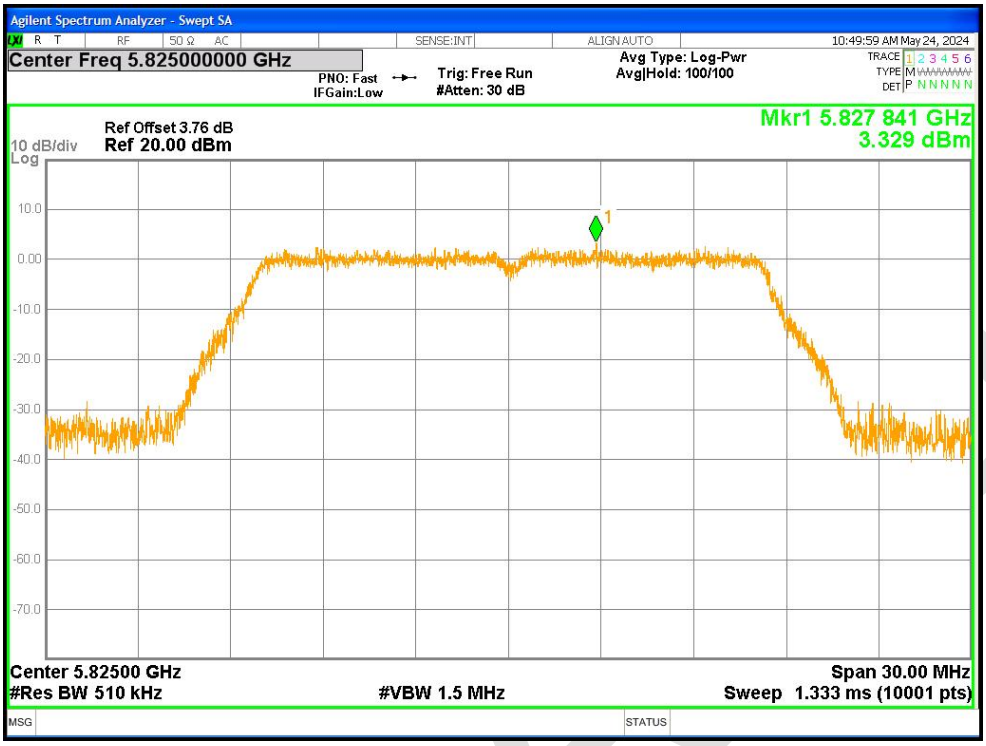
PSD NVNT a 5745MHz Ant1



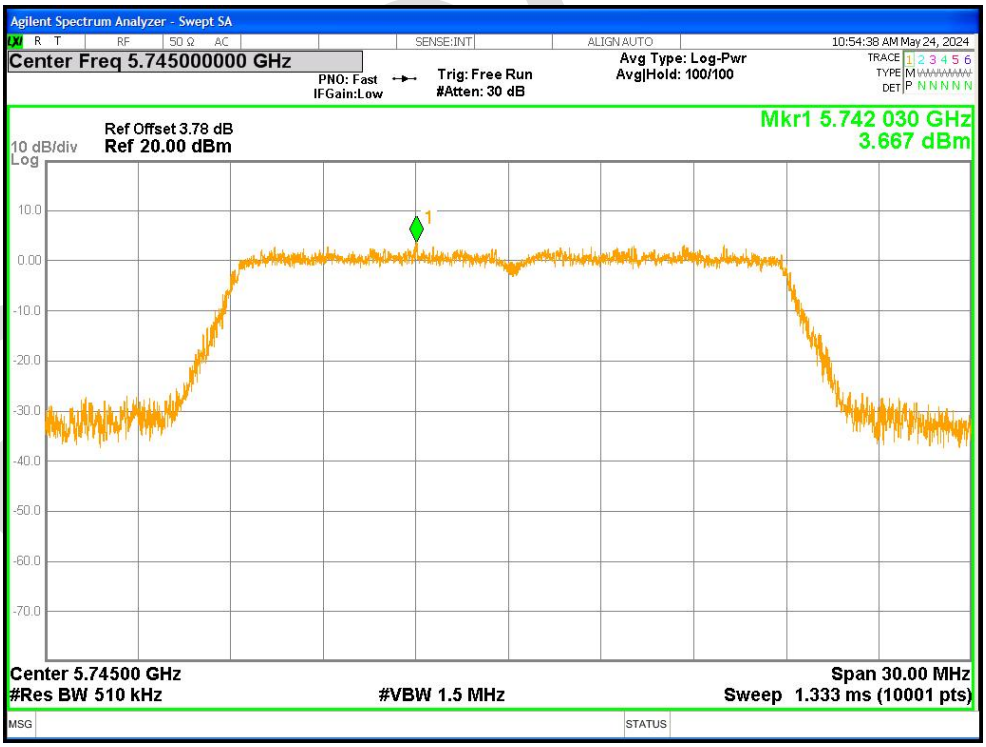
PSD NVNT a 5785MHz Ant1



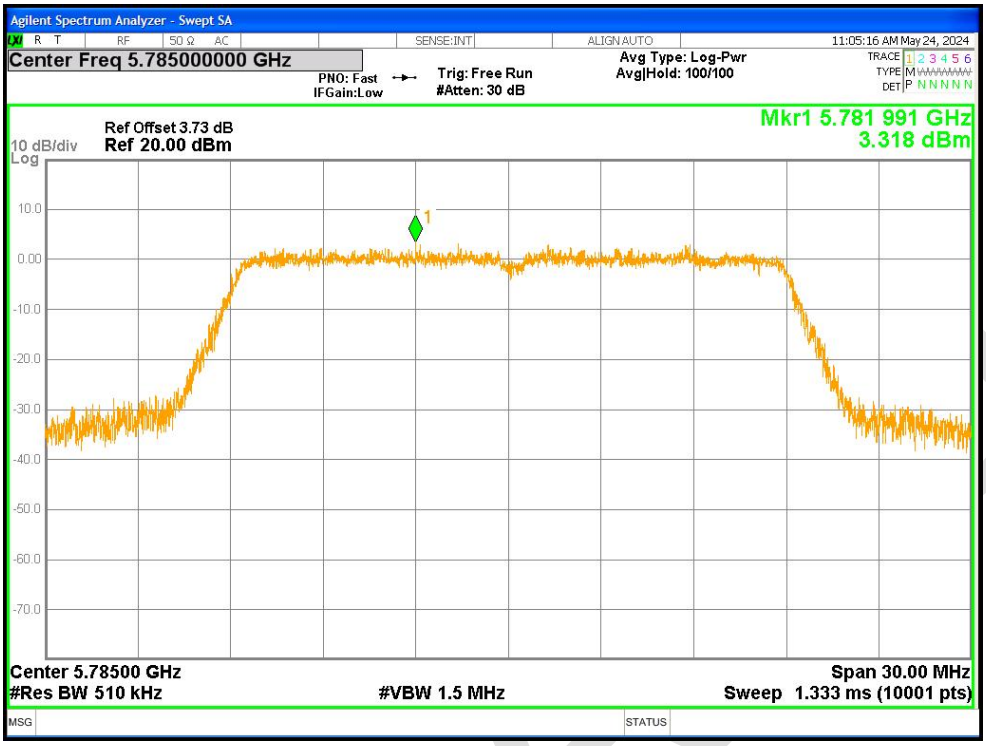
PSD NVNT a 5825MHz Ant1



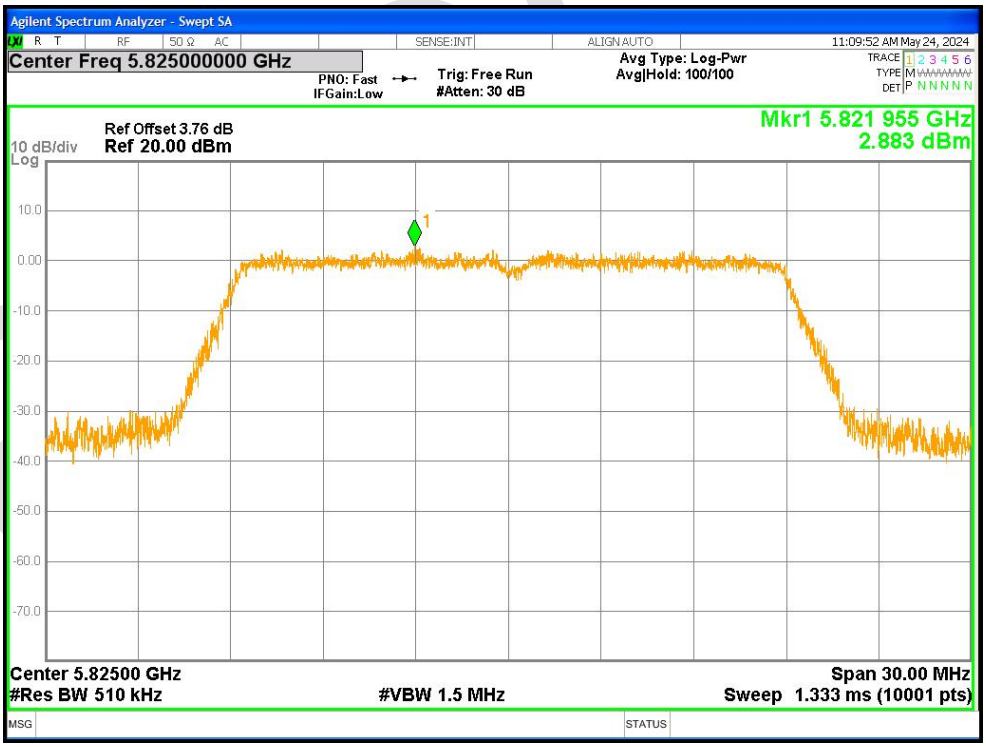
PSD NVNT n20 5745MHz Ant1



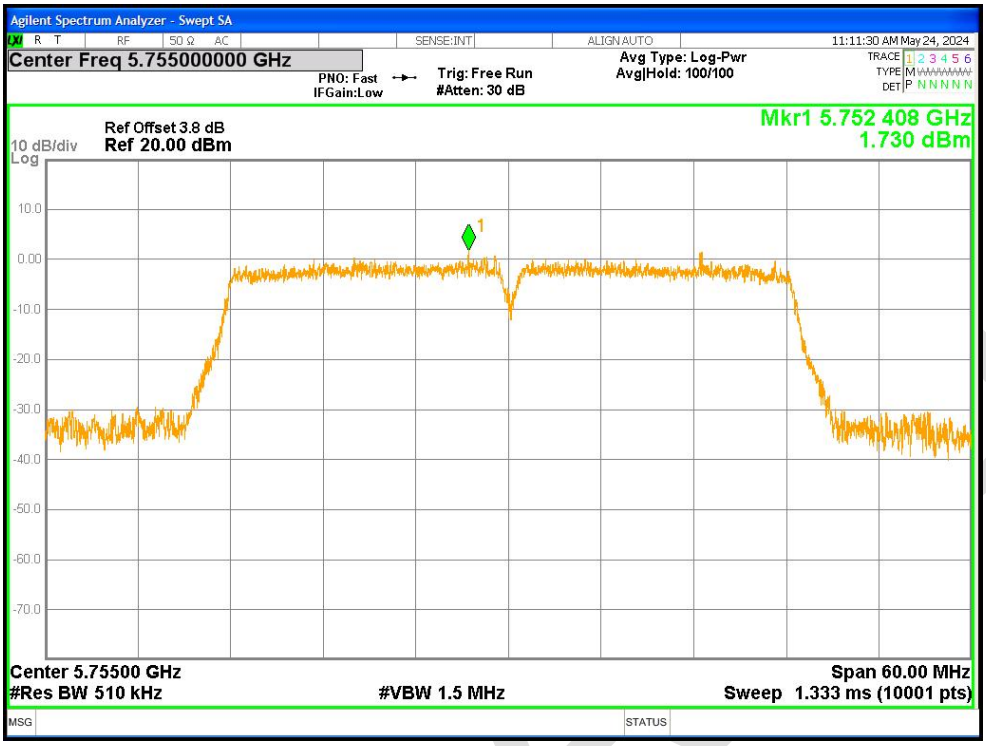
PSD NVNT n20 5785MHz Ant1



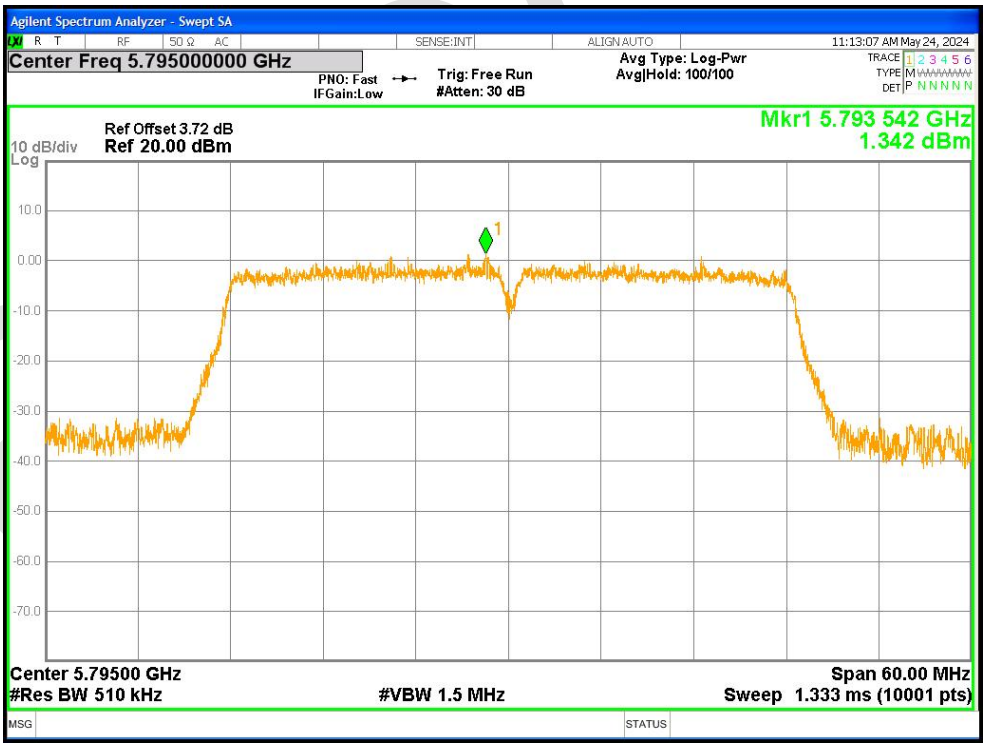
PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



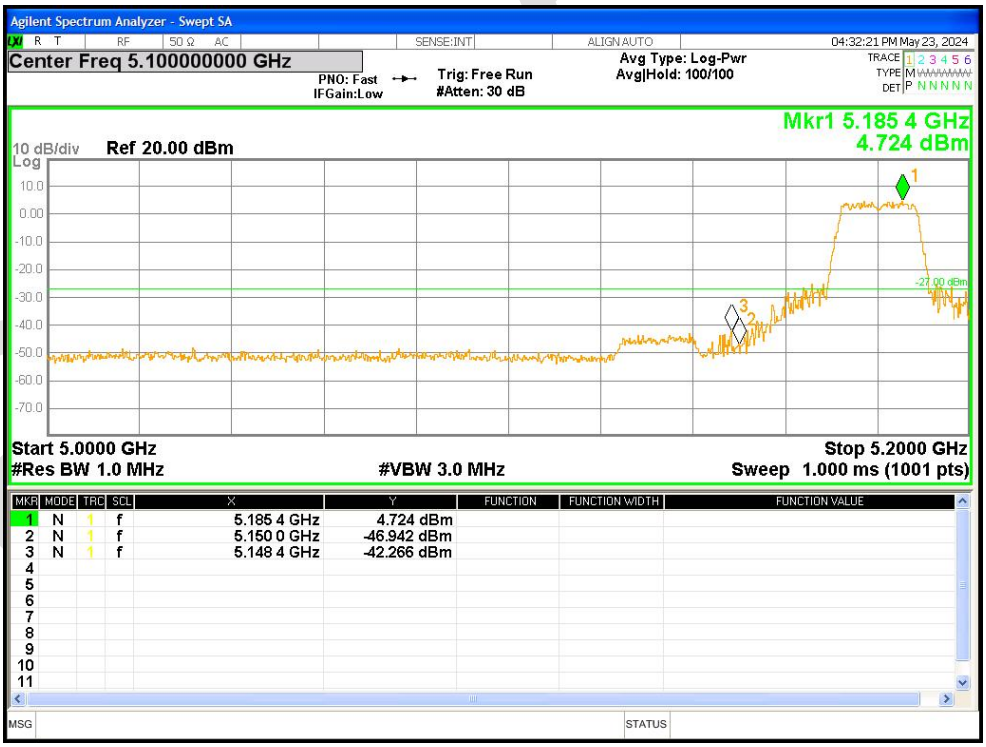
PSD NVNT n40 5795MHz Ant1



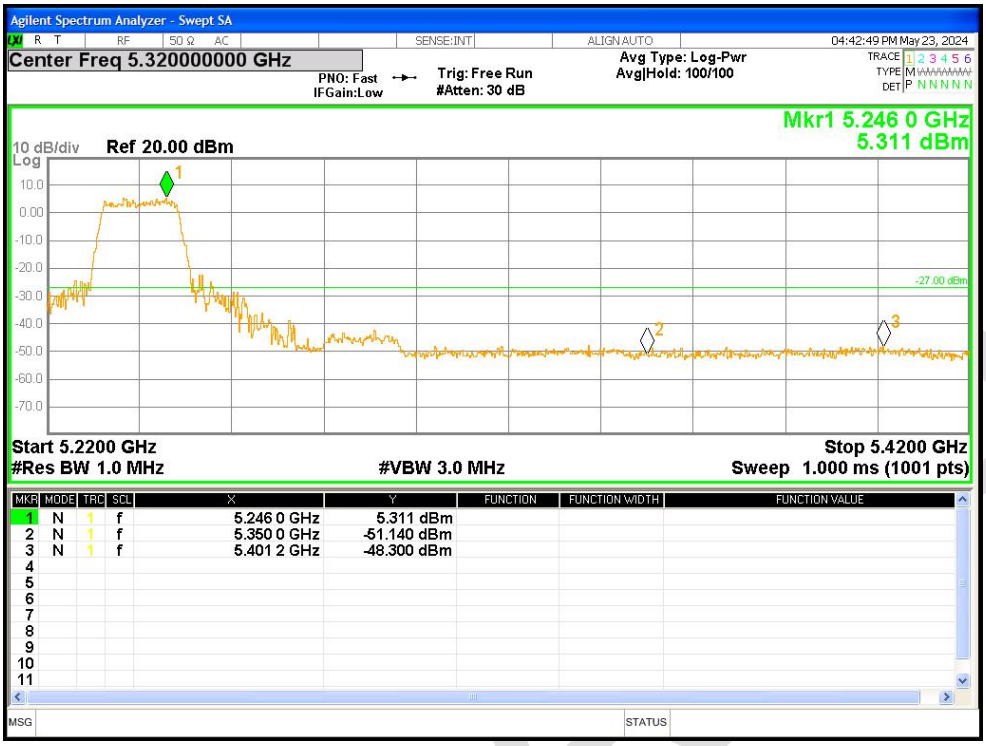
7.5 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-42.26	-27	Pass
NVNT	a	5240	Ant1	-48.29	-27	Pass
NVNT	n20	5180	Ant1	-42.79	-27	Pass
NVNT	n20	5240	Ant1	-45.91	-27	Pass
NVNT	n40	5190	Ant1	-31.17	-27	Pass
NVNT	n40	5230	Ant1	-48.49	-27	Pass
NVNT	a	5745	Ant1	-30.79	-27	Pass
NVNT	a	5825	Ant1	-33.4	-27	Pass
NVNT	n20	5745	Ant1	-28.65	-27	Pass
NVNT	n20	5825	Ant1	-37.31	-27	Pass
NVNT	n40	5755	Ant1	-26.03	-27	Pass
NVNT	n40	5795	Ant1	-40.17	-27	Pass

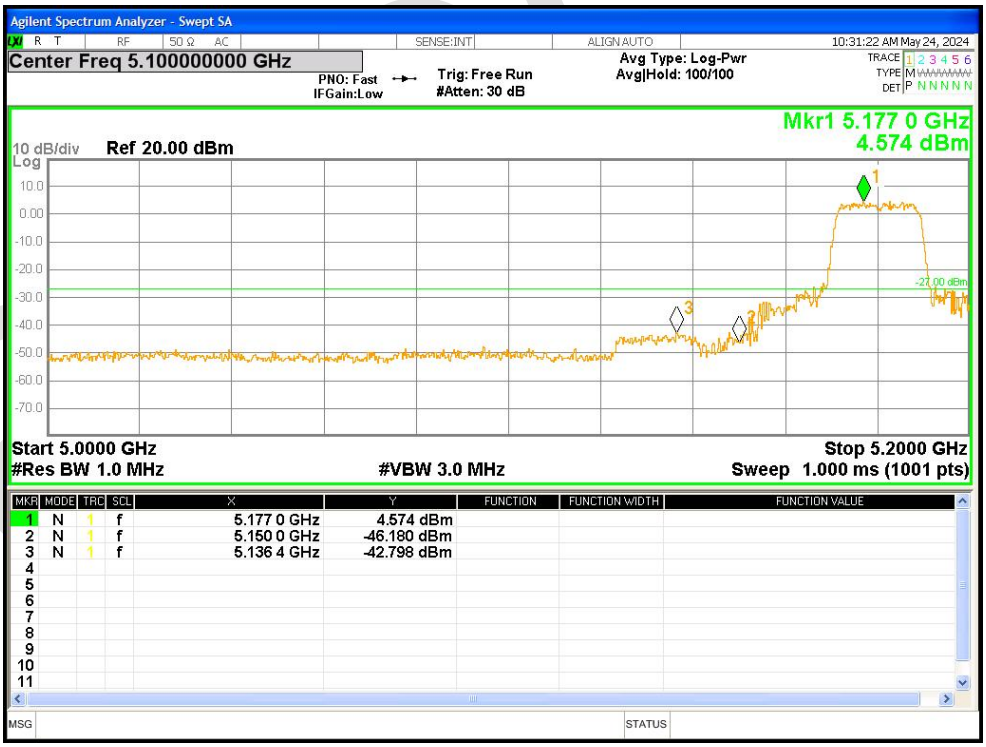
Band Edge NVNT a 5180MHz Low Ant1



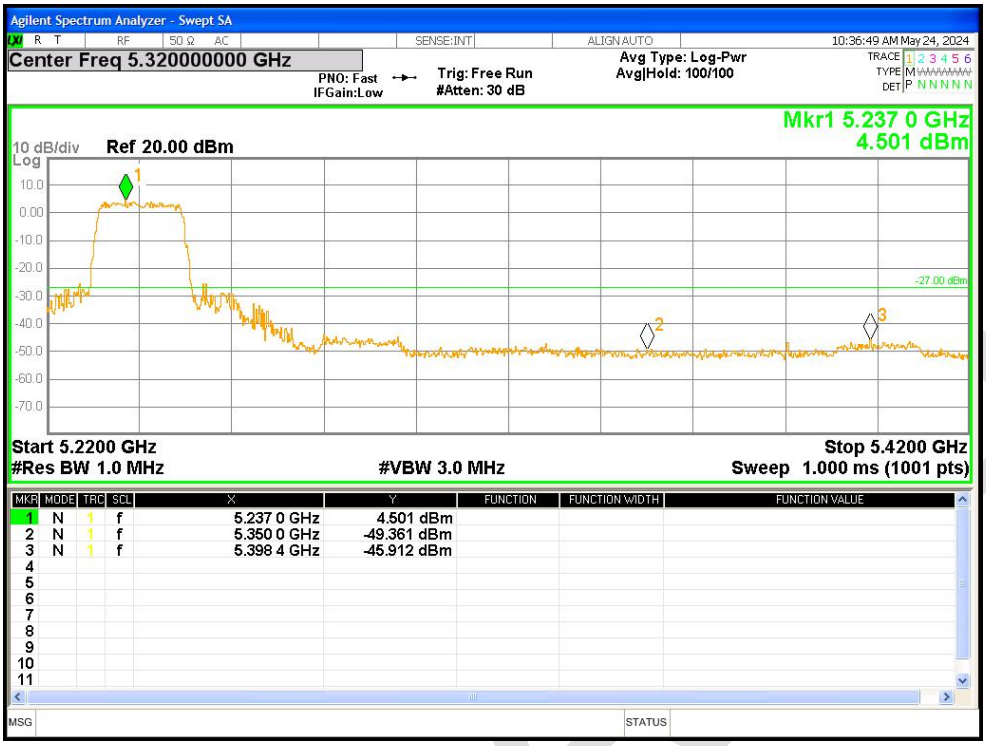
Band Edge NVNT a 5240MHz High Ant1



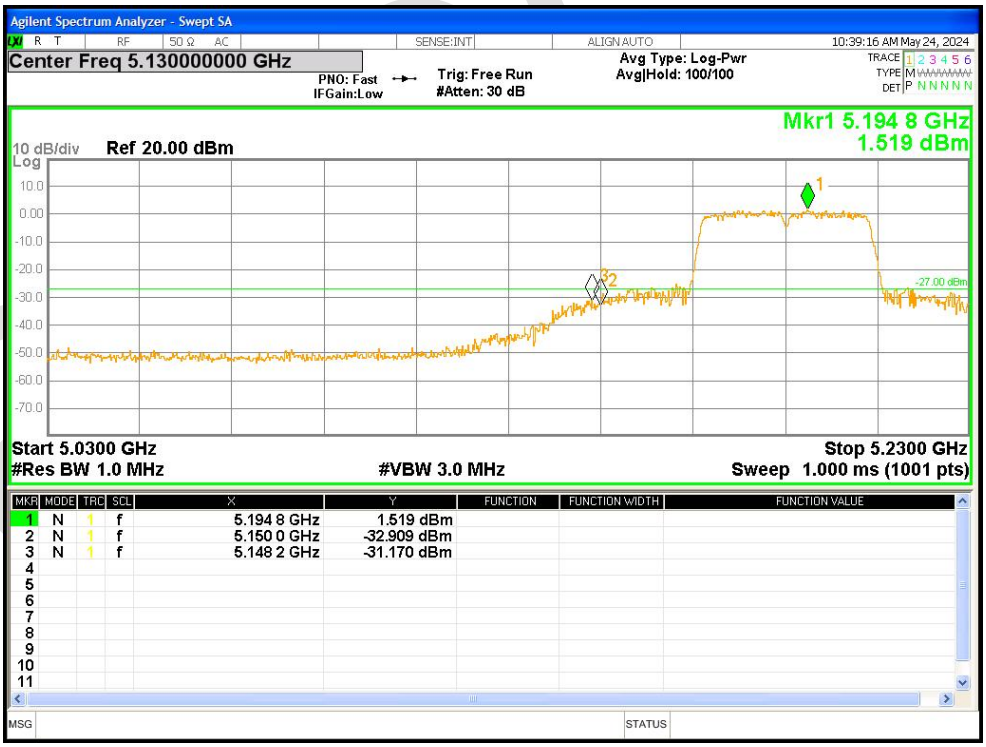
Band Edge NVNT n20 5180MHz Low Ant1



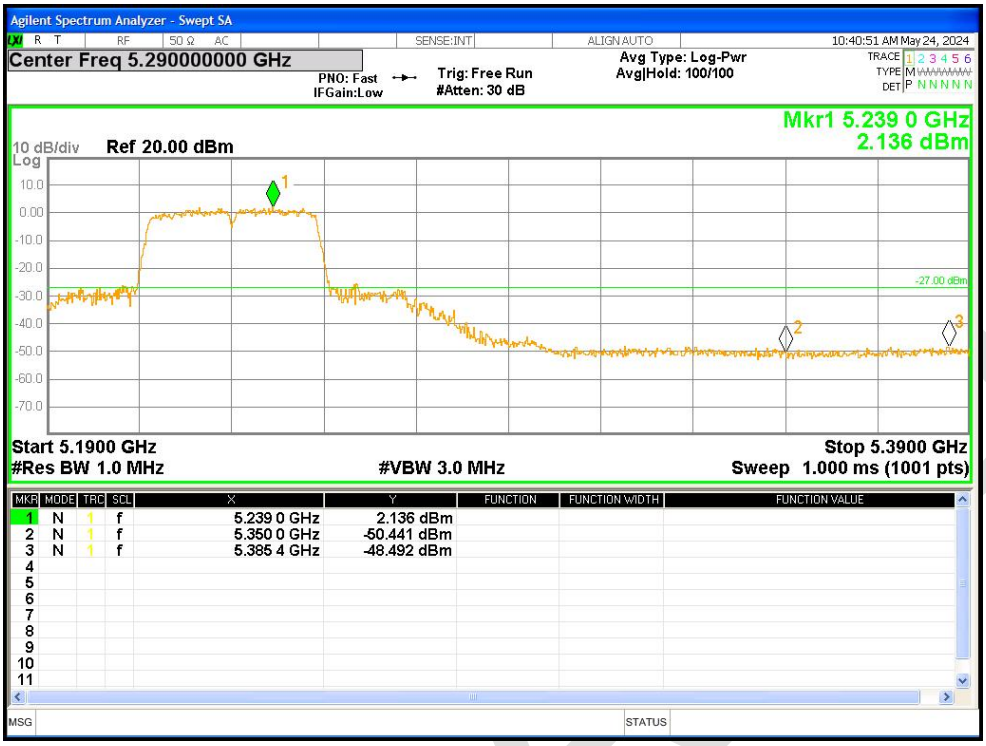
Band Edge NVNT n20 5240MHz High Ant1



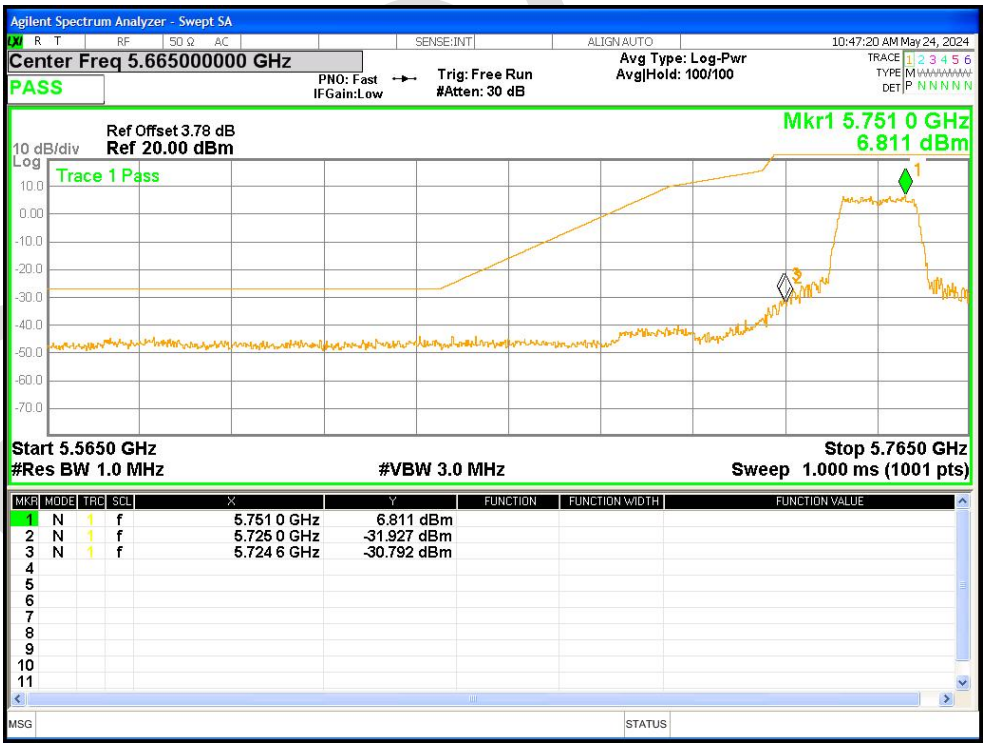
Band Edge NVNT n40 5190MHz Low Ant1



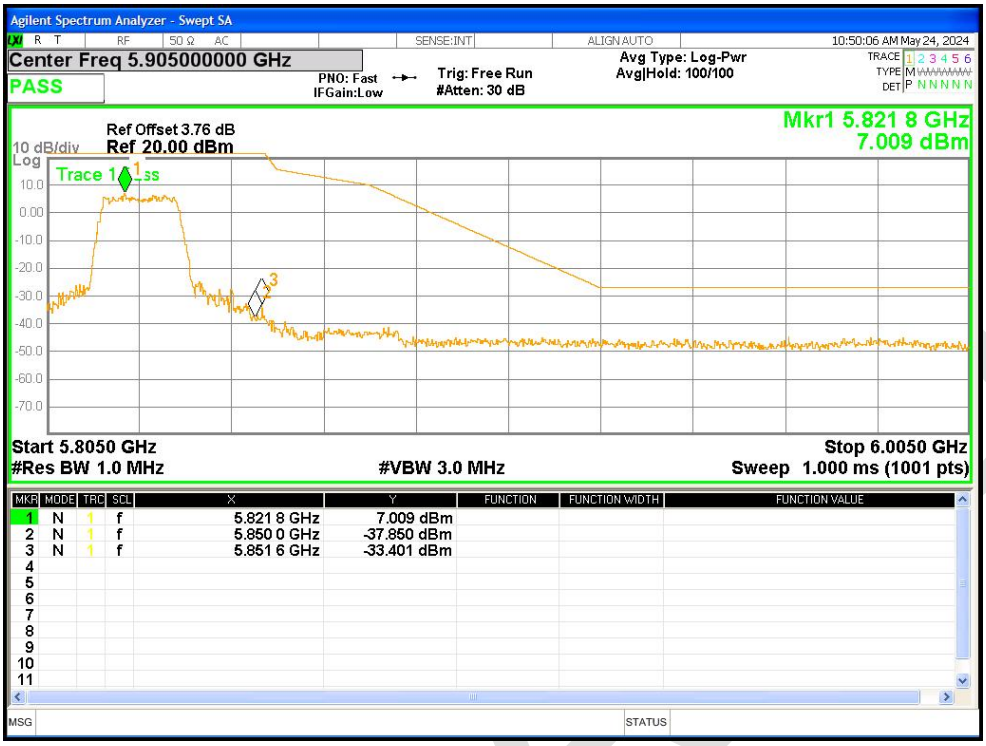
Band Edge NVNT n40 5230MHz High Ant1



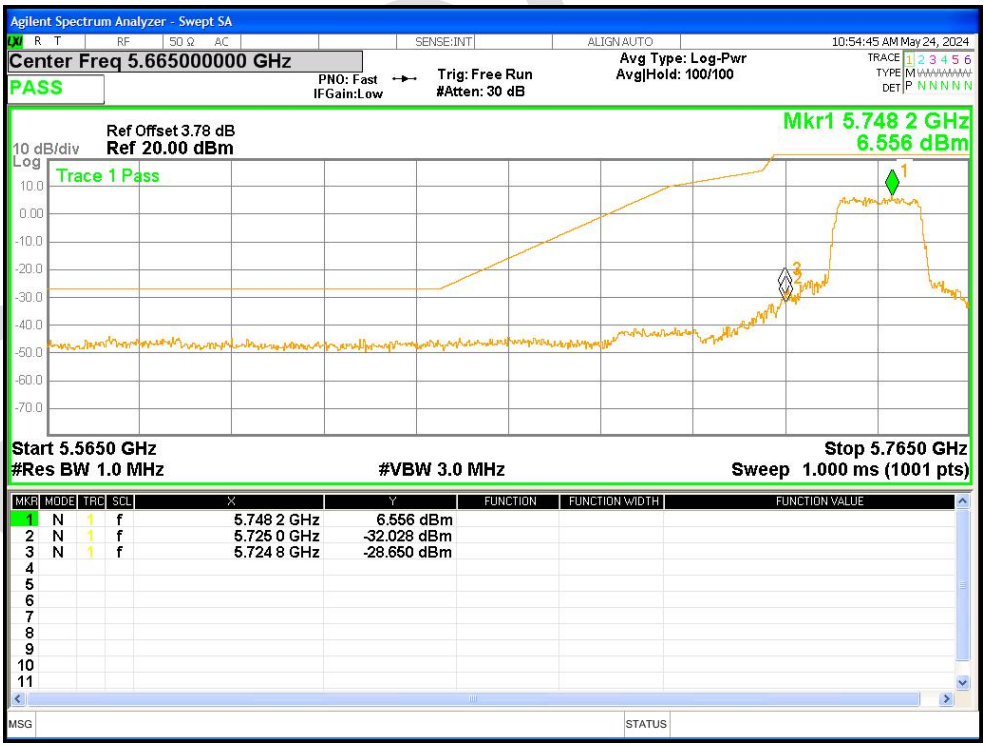
Band Edge NVNT a 5745MHz Low Ant1



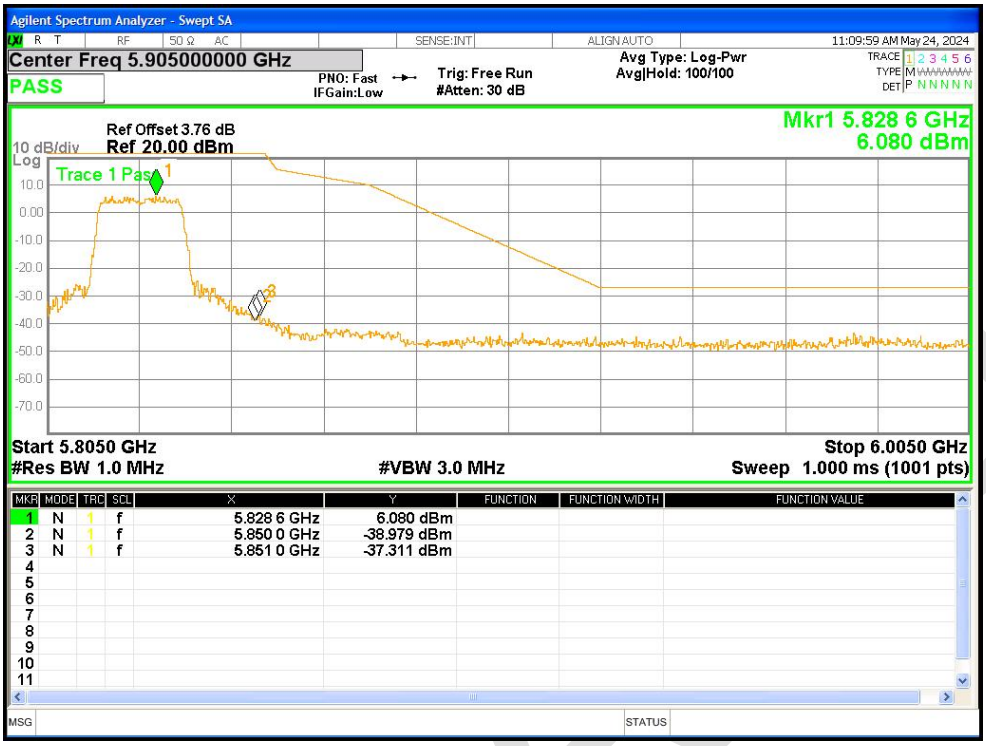
Band Edge NVNT a 5825MHz High Ant1



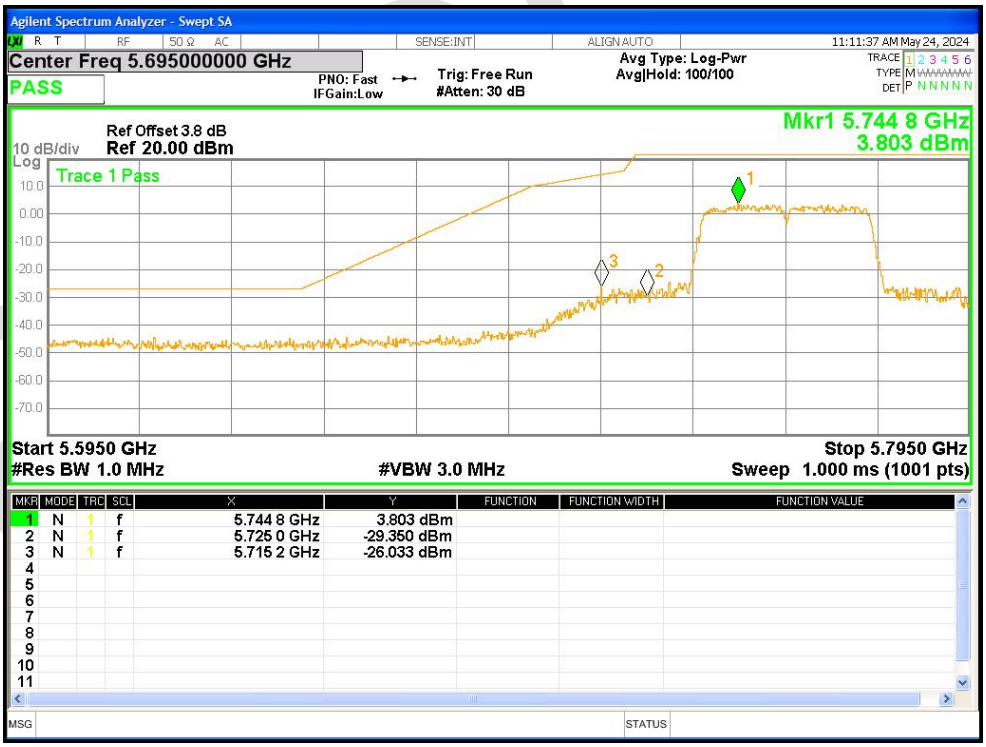
Band Edge NVNT n20 5745MHz Low Ant1



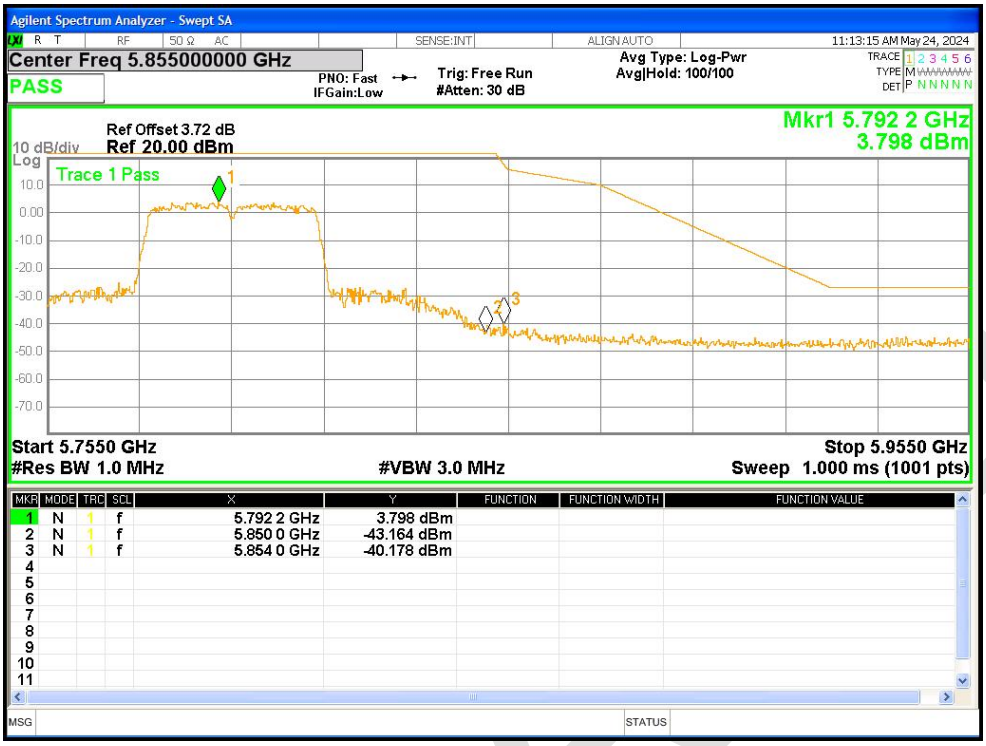
Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz High Ant1

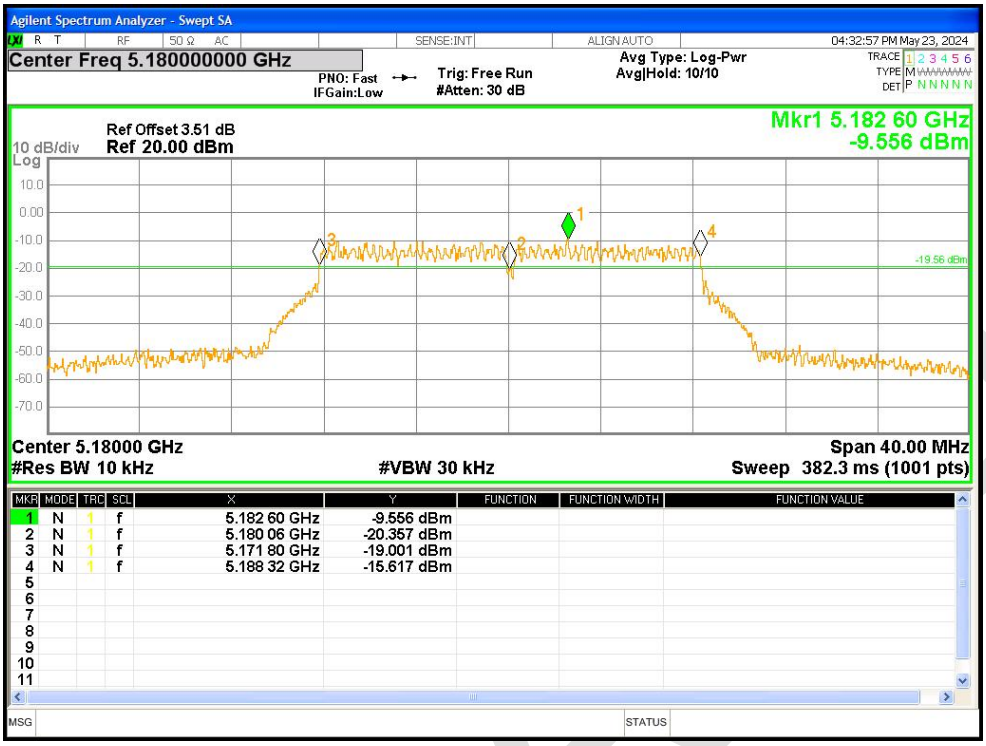

Agilent Spectrum Analyzer - Swept SA
Center Freq 5.855000000 GHz
PASS
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
11:13:15 AM May 24, 2024
Ref Offset 3.72 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 5.792 2 GHz
3.798 dBm
Trace 1 Pass
Start 5.7550 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 5.9550 GHz
Sweep 1.000 ms (1001 pts)
1 N 1 f 5.792 2 GHz 3.798 dBm
2 N 1 f 5.850 0 GHz -43.164 dBm
3 N 1 f 5.854 0 GHz -40.178 dBm

7.6 Frequency Stability

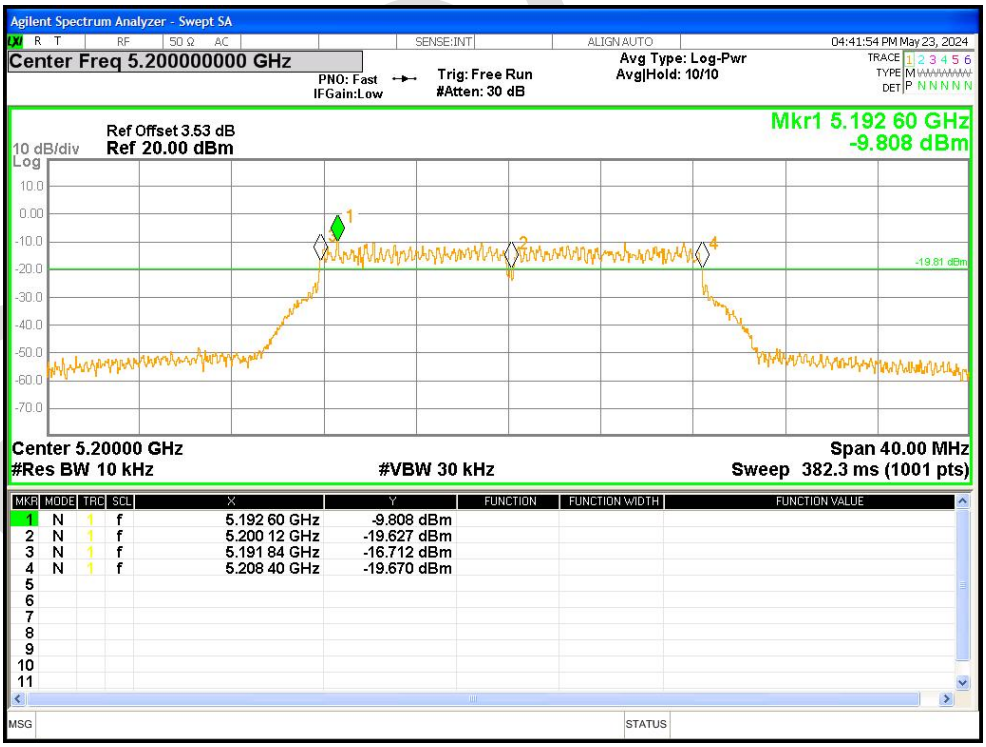
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5180	Ant1	5180.06	60000	11.58	25	Pass
NVNT	a	5200	Ant1	5200.12	120000	23.08	25	Pass
NVNT	a	5240	Ant1	5240.1	100000	19.08	25	Pass
NVNT	n20	5180	Ant1	5180.02	20000	3.86	25	Pass
NVNT	n20	5200	Ant1	5200.04	40000	7.69	25	Pass
NVNT	n20	5240	Ant1	5240.04	40000	7.63	25	Pass
NVNT	n40	5190	Ant1	5190	0	0	25	Pass
NVNT	n40	5230	Ant1	5230.08	80000	15.3	25	Pass
NVNT	a	5745	Ant1	5745.06	60000	10.44	25	Pass
NVNT	a	5785	Ant1	5785.08	80000	13.83	25	Pass
NVNT	a	5825	Ant1	5825.06	60000	10.3	25	Pass
NVNT	n20	5745	Ant1	5745.08	80000	13.93	25	Pass
NVNT	n20	5785	Ant1	5785.08	80000	13.83	25	Pass
NVNT	n20	5825	Ant1	5825.08	80000	13.73	25	Pass
NVNT	n40	5755	Ant1	5755.08	80000	13.9	25	Pass
NVNT	n40	5795	Ant1	5795.08	80000	13.81	25	Pass

Freq. Stability NVNT a 5180MHz Ant1

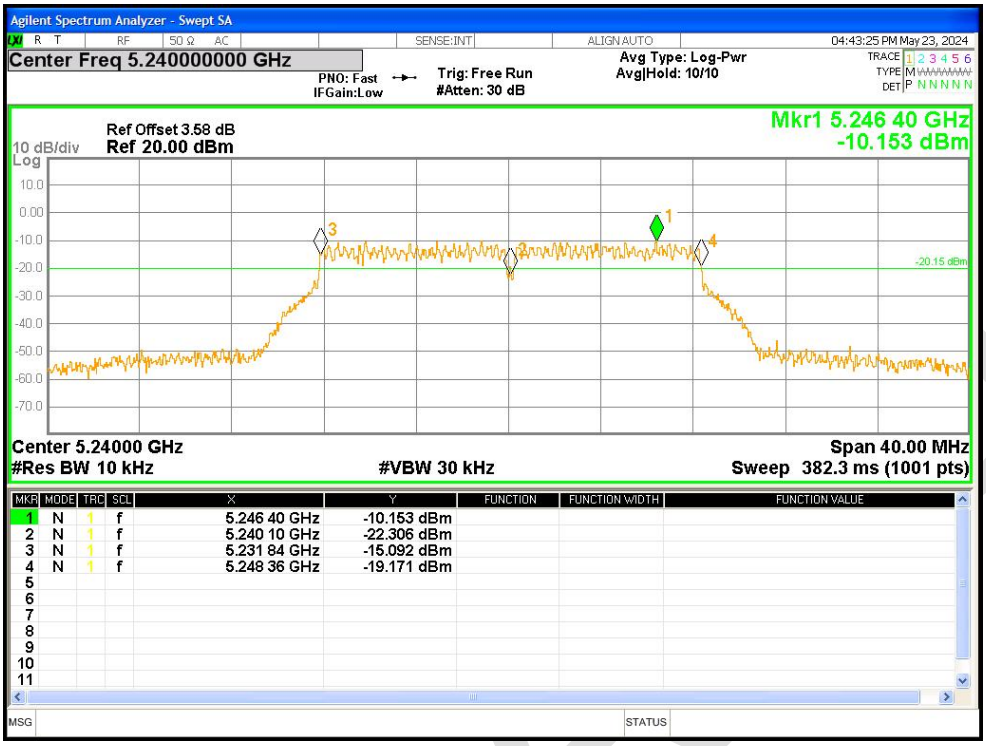
BlueAsia



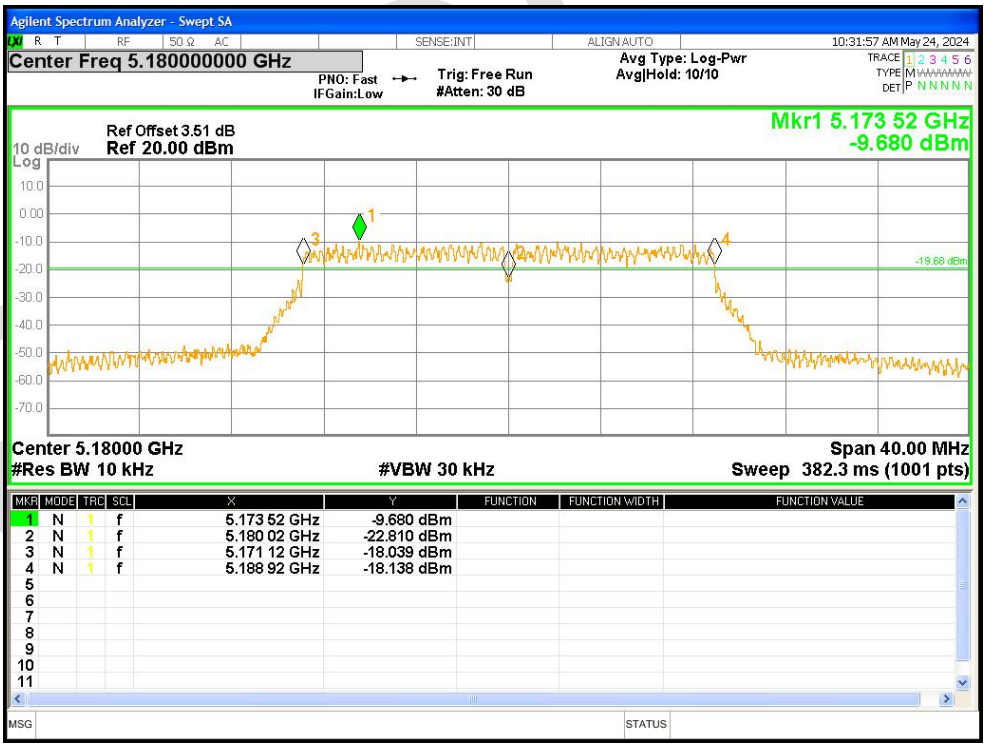
Freq. Stability NVNT a 5200MHz Ant1



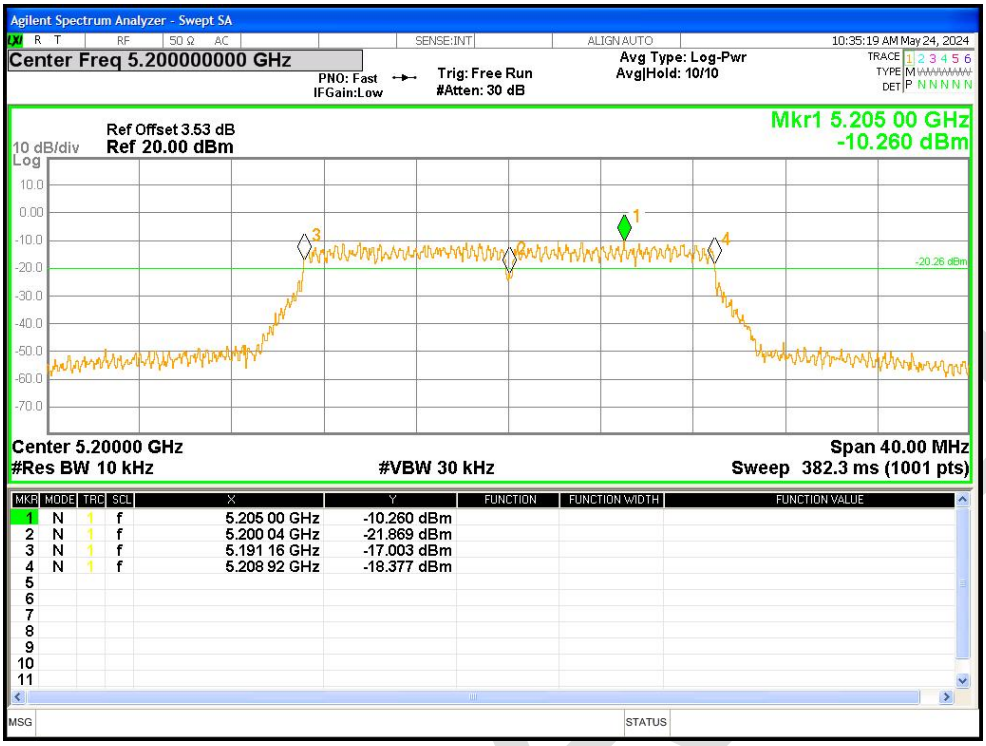
Freq. Stability NVNT a 5240MHz Ant1



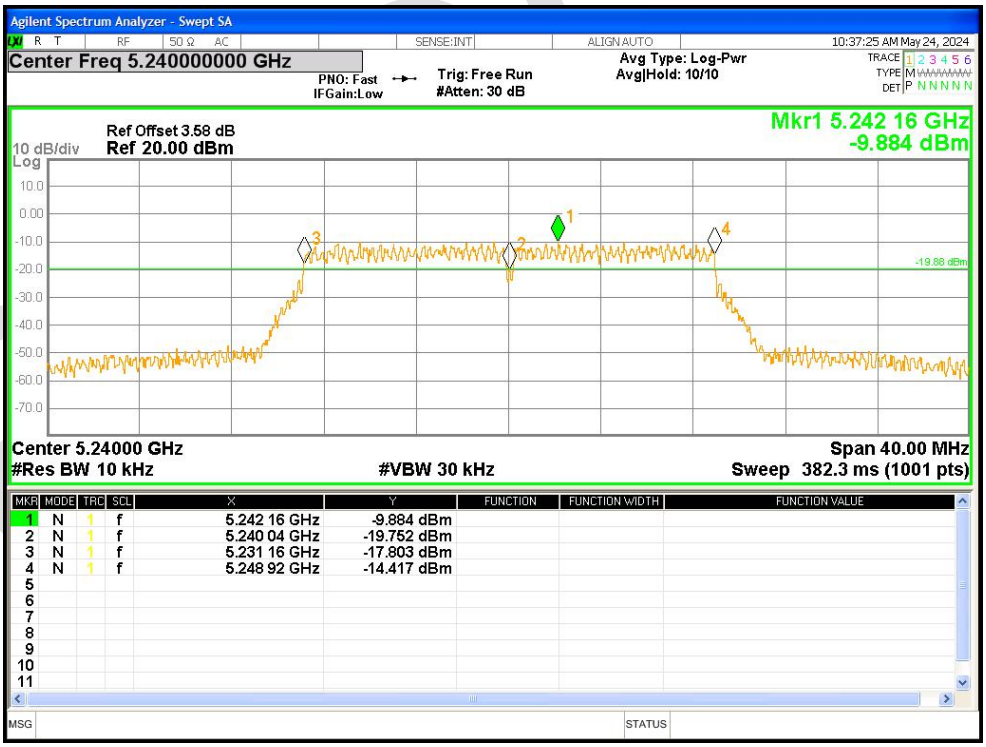
Freq. Stability NVNT n20 5180MHz Ant1



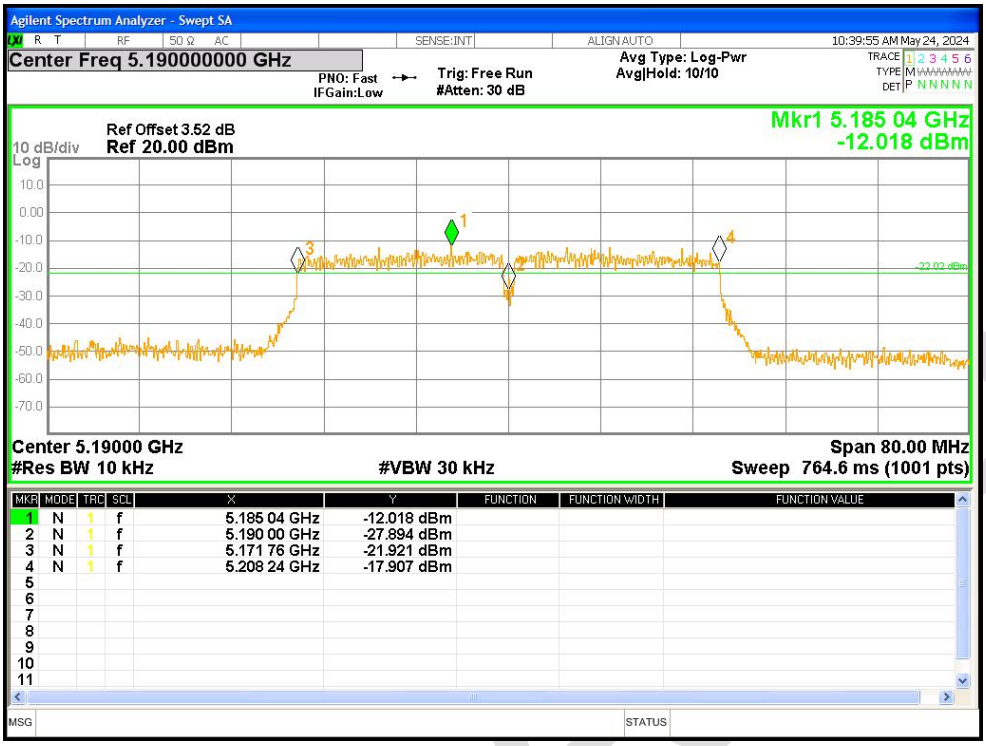
Freq. Stability NVNT n20 5200MHz Ant1



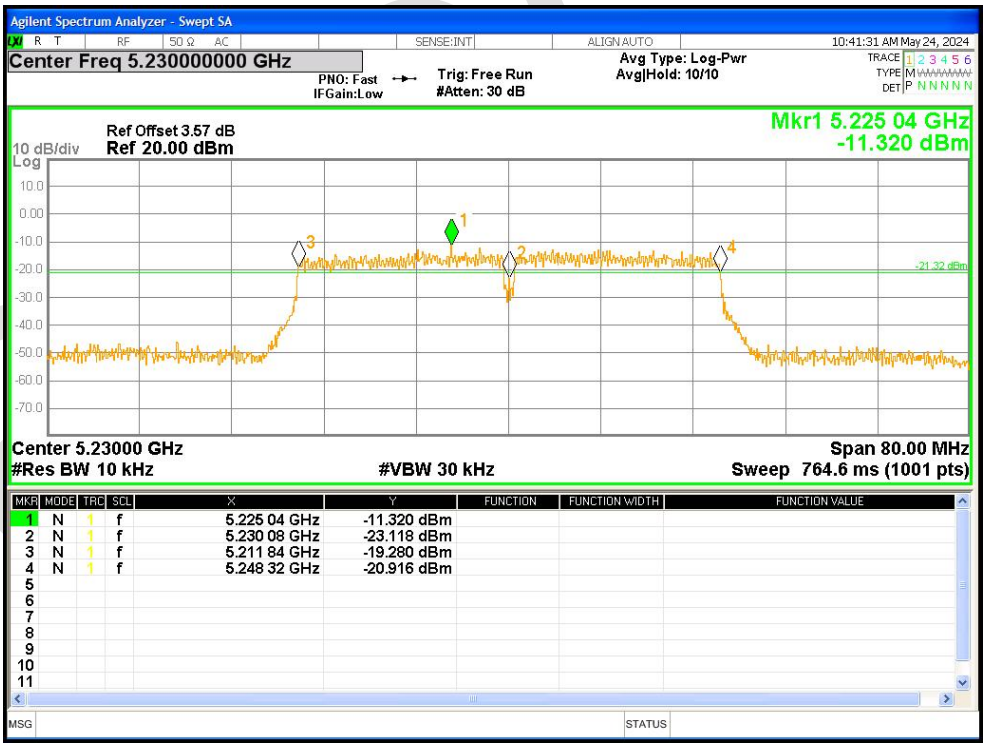
Freq. Stability NVNT n20 5240MHz Ant1



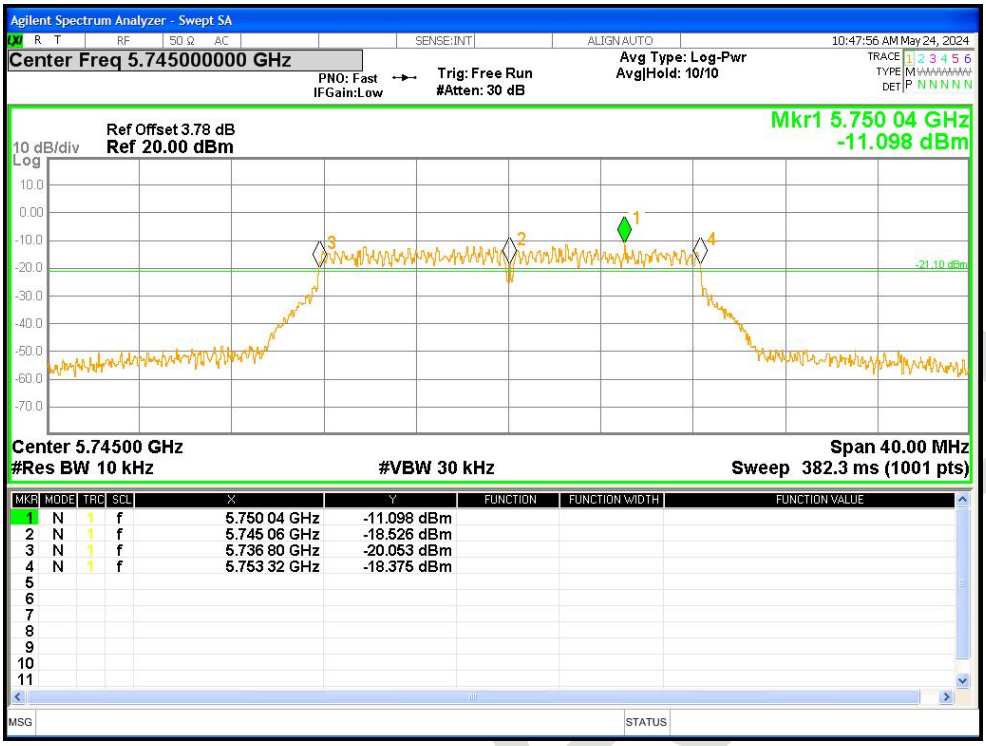
Freq. Stability NVNT n40 5190MHz Ant1



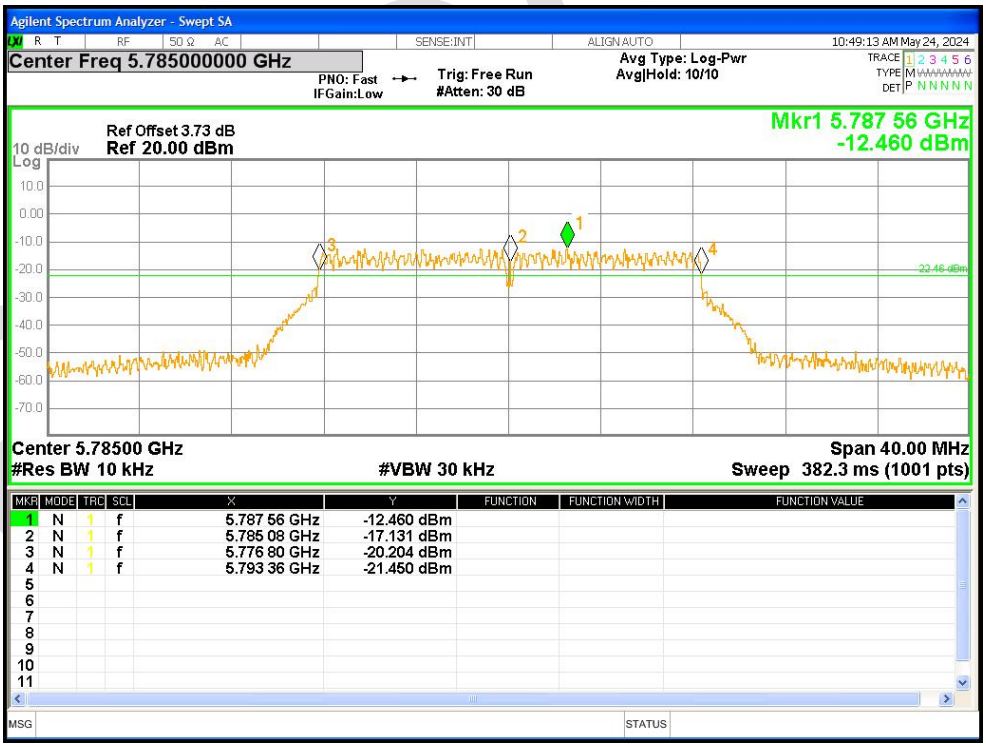
Freq. Stability NVNT n40 5230MHz Ant1



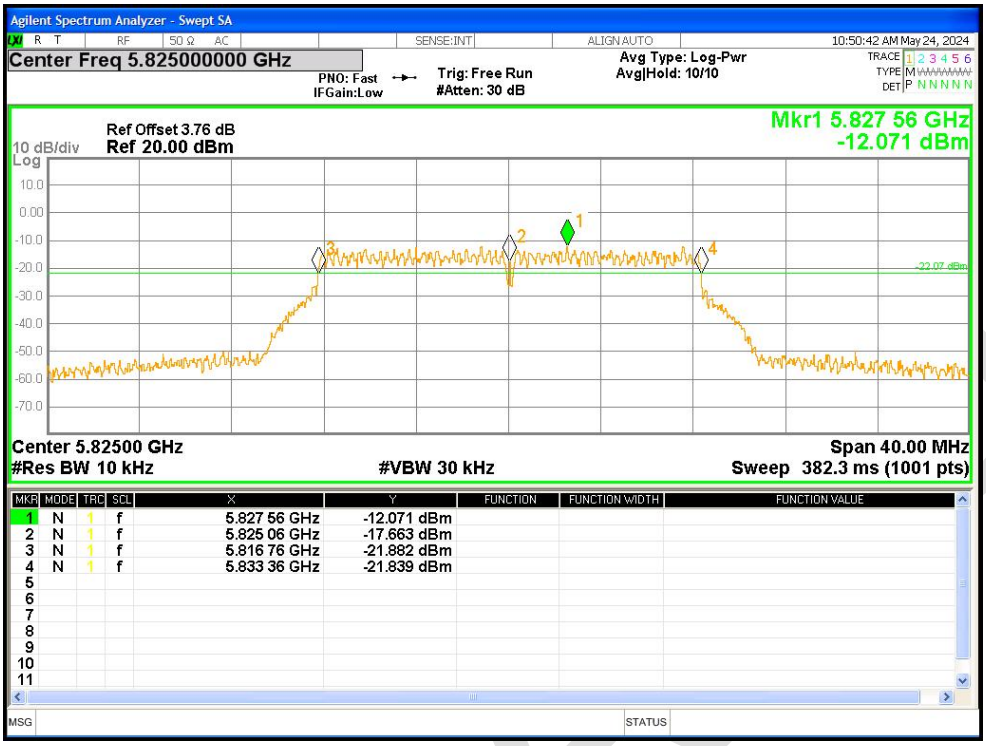
Freq. Stability NVNT a 5745MHz Ant1



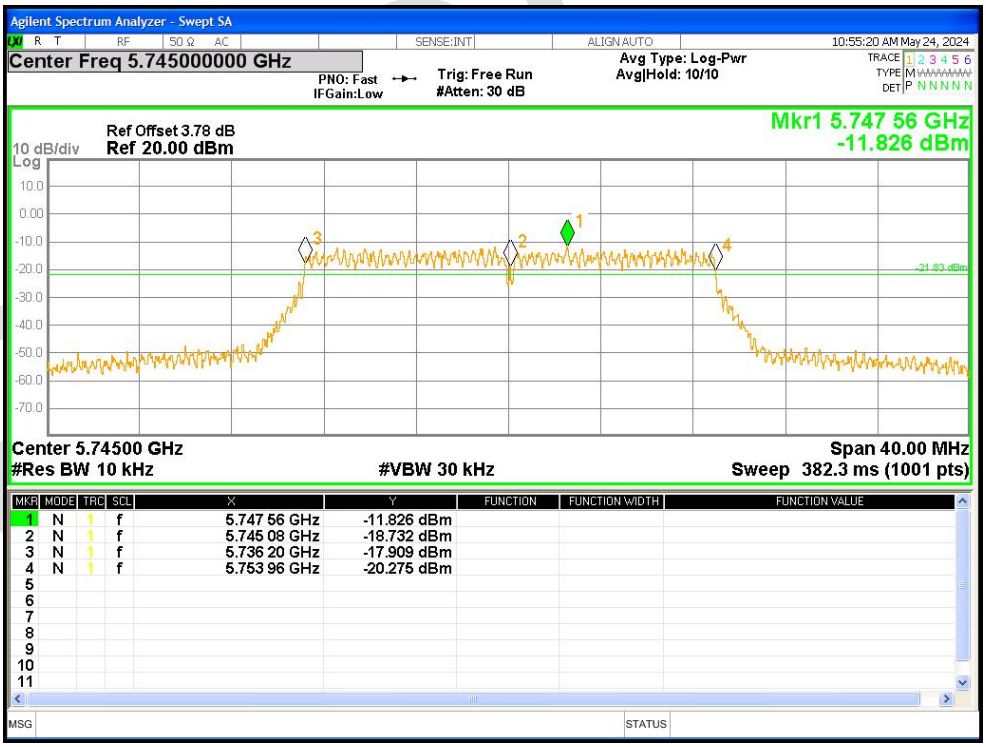
Freq. Stability NVNT a 5785MHz Ant1



Freq. Stability NVNT a 5825MHz Ant1



Freq. Stability NVNT n20 5745MHz Ant1



Freq. Stability NVNT n20 5785MHz Ant1