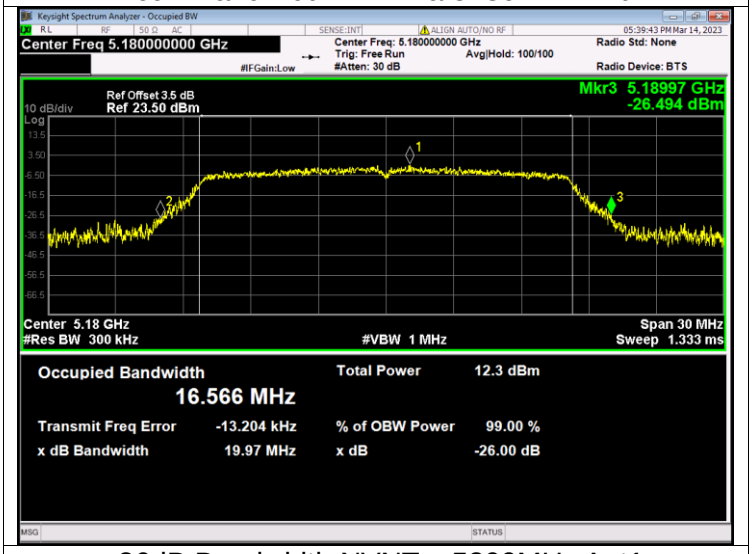
-26dB Bandwidth

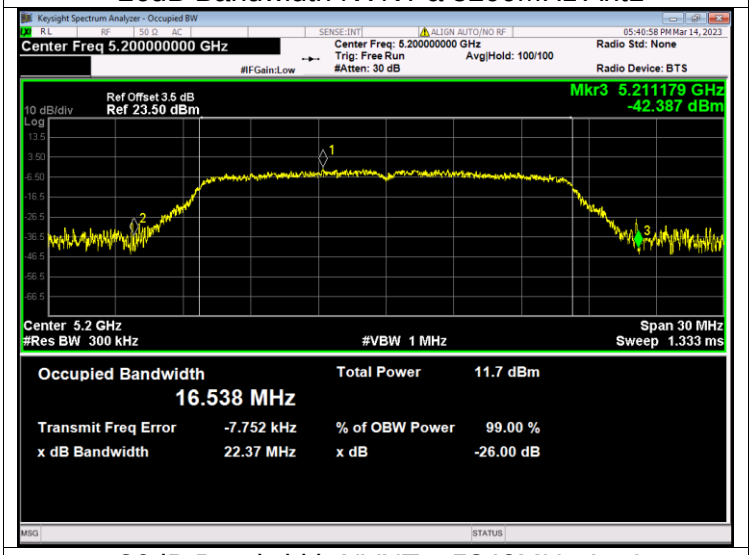
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.966	Pass
NVNT	a	5200	Ant1	22.373	Pass
NVNT	a	5240	Ant1	20.085	Pass
NVNT	n20	5180	Ant1	22.401	Pass
NVNT	n20	5200	Ant1	23.948	Pass
NVNT	n20	5240	Ant1	22.371	Pass
NVNT	n40	5190	Ant1	40.387	Pass
NVNT	n40	5230	Ant1	40.759	Pass
NVNT	ac80	5210	Ant1	79.490	Pass

Test Graphs

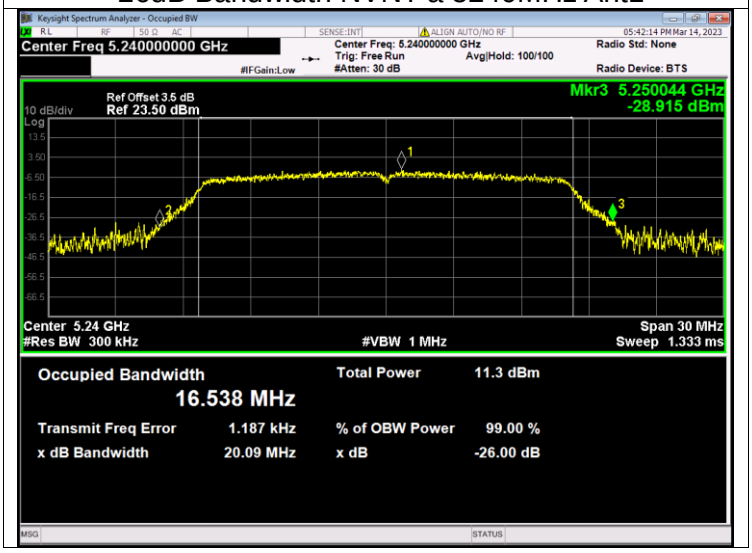
-26dB Bandwidth NVNT a 5180MHz Ant1



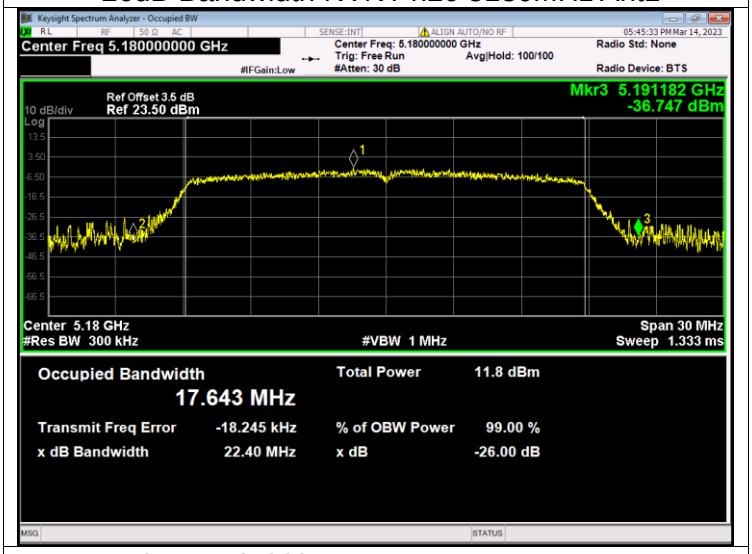
-26dB Bandwidth NVNT a 5200MHz Ant1



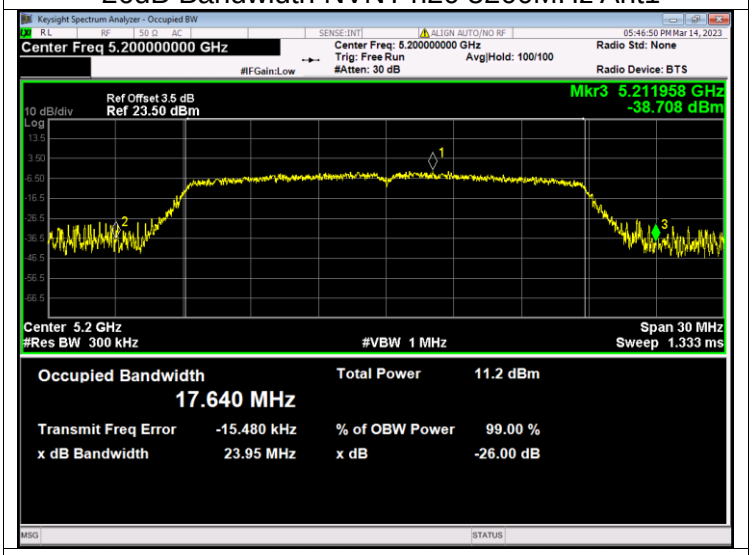
-26dB Bandwidth NVNT a 5240MHz Ant1



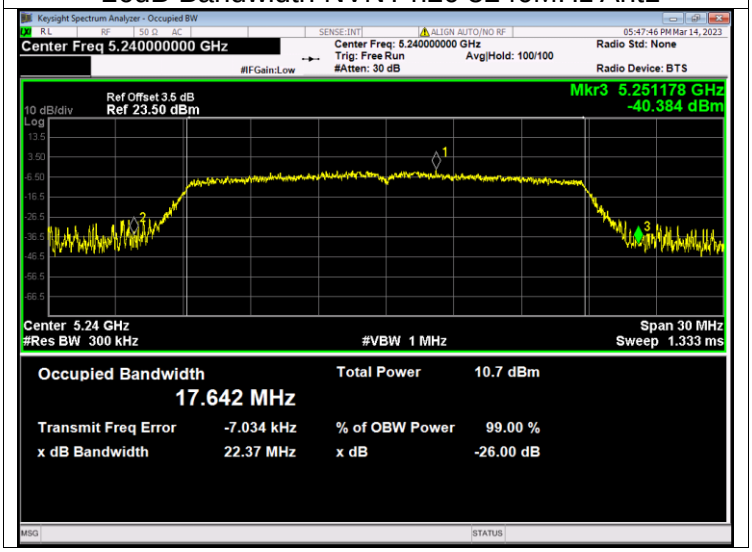
-26dB Bandwidth NVNT n20 5180MHz Ant1



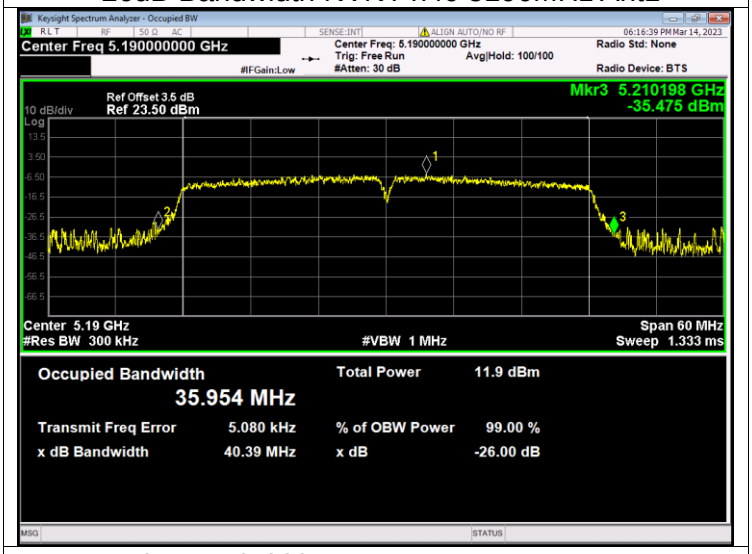
-26dB Bandwidth NVNT n20 5200MHz Ant1



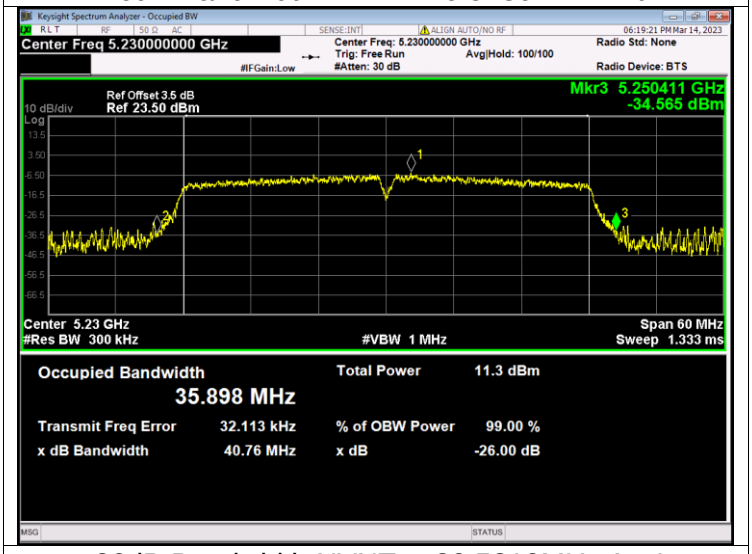
-26dB Bandwidth NVNT n20 5240MHz Ant1



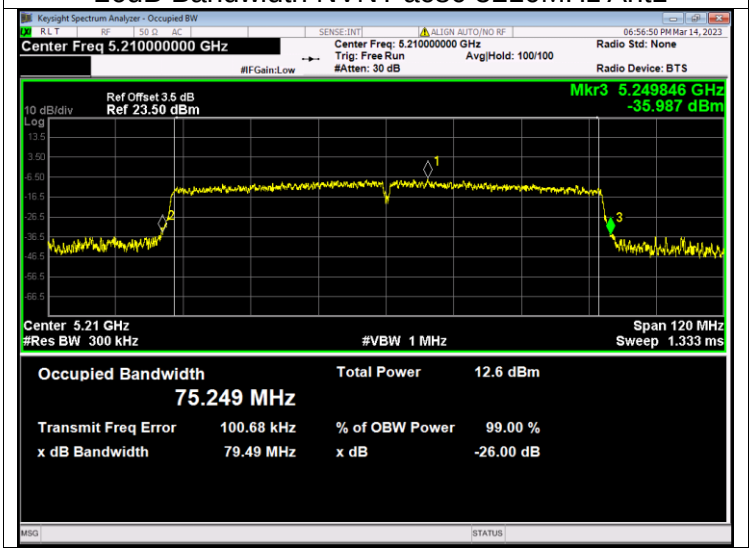
-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant1

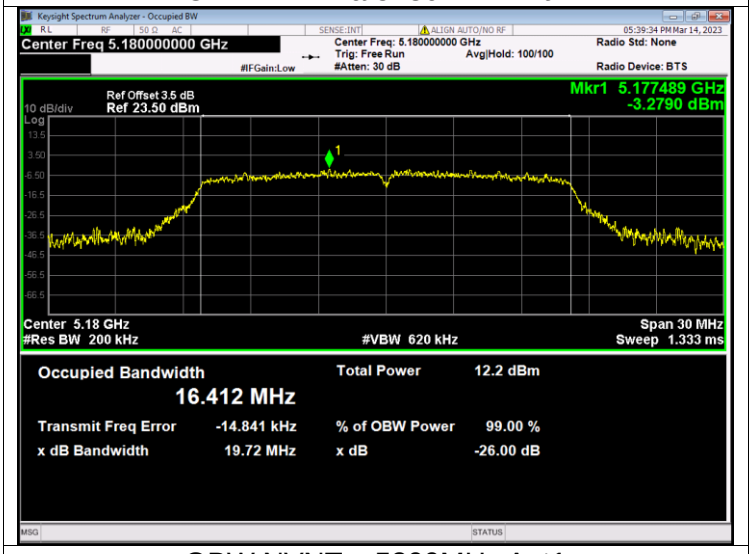


Occupied Channel Bandwidth

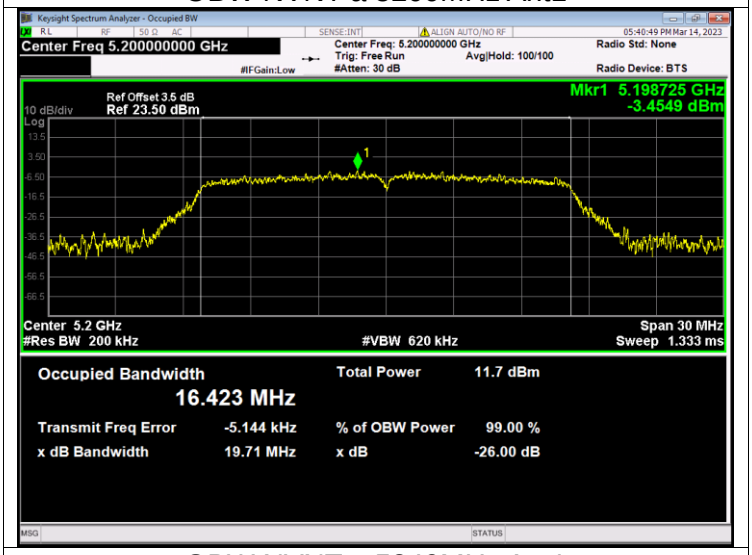
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.412
NVNT	a	5200	Ant1	16.423
NVNT	a	5240	Ant1	16.387
NVNT	a	5745	Ant1	16.413
NVNT	a	5785	Ant1	16.42
NVNT	a	5825	Ant1	16.436
NVNT	n20	5180	Ant1	17.564
NVNT	n20	5200	Ant1	17.568
NVNT	n20	5240	Ant1	17.558
NVNT	n20	5745	Ant1	17.588
NVNT	n20	5785	Ant1	17.566
NVNT	n20	5825	Ant1	17.573
NVNT	n40	5190	Ant1	35.998
NVNT	n40	5230	Ant1	36.004
NVNT	n40	5755	Ant1	36.006
NVNT	n40	5795	Ant1	36.018
NVNT	ac80	5210	Ant1	75.291
NVNT	ac80	5775	Ant1	75.229

Test Graphs

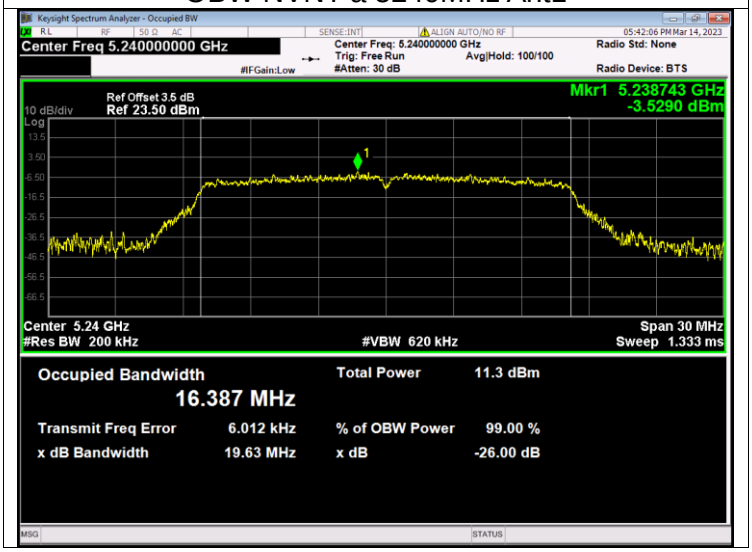
OBW NVNT a 5180MHz Ant1



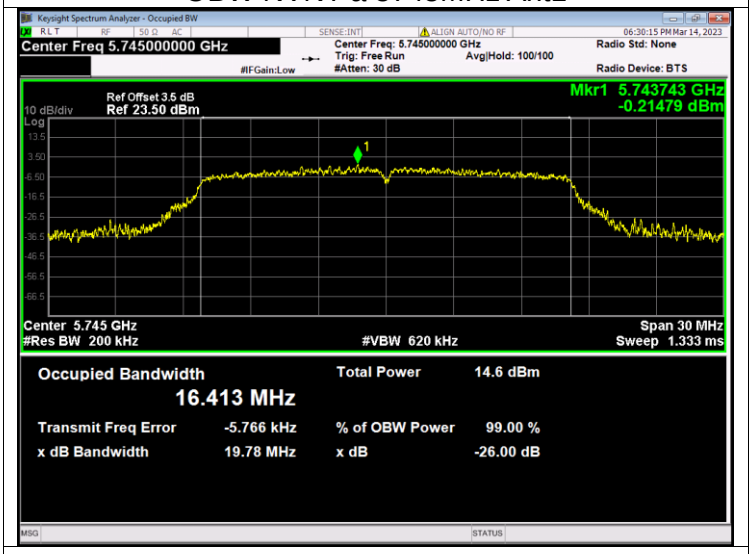
OBW NVNT a 5200MHz Ant1



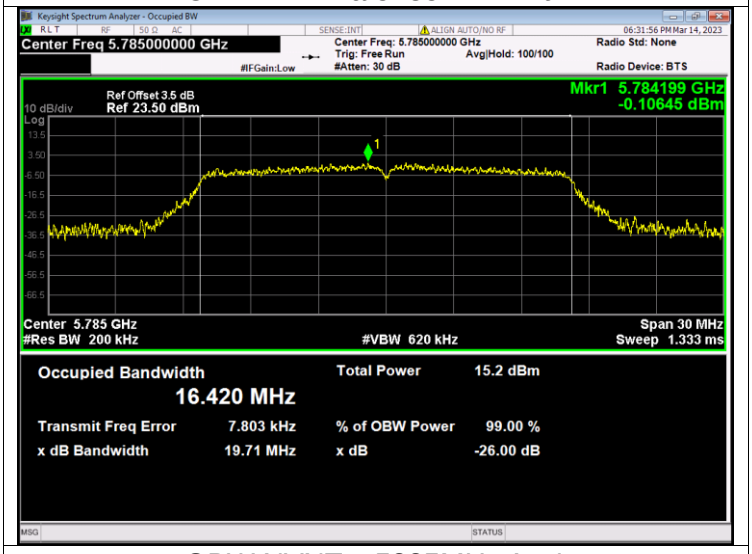
OBW NVNT a 5240MHz Ant1



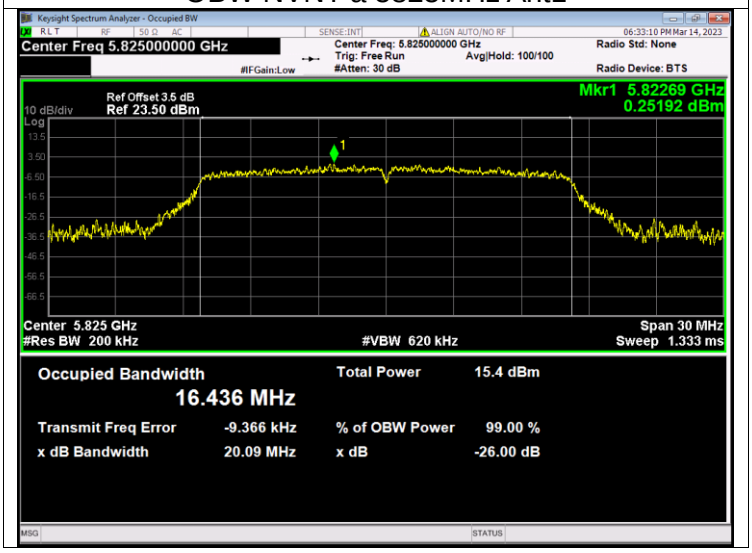
OBW NVNT a 5745MHz Ant1



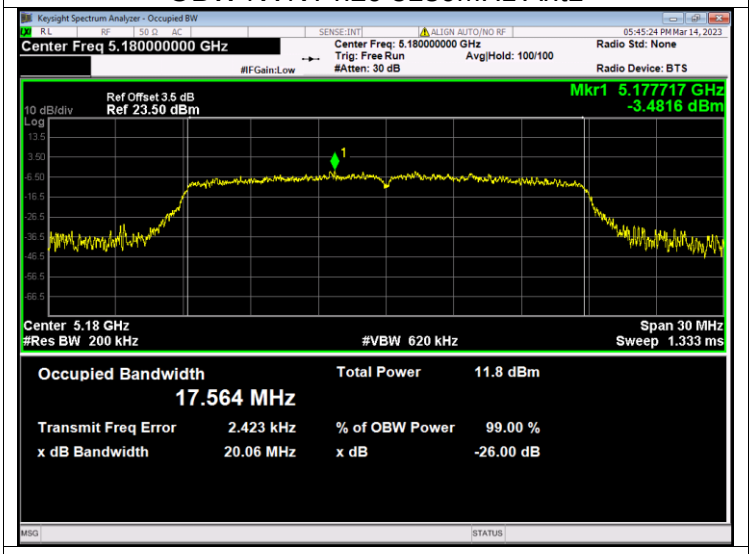
OBW NVNT a 5785MHz Ant1



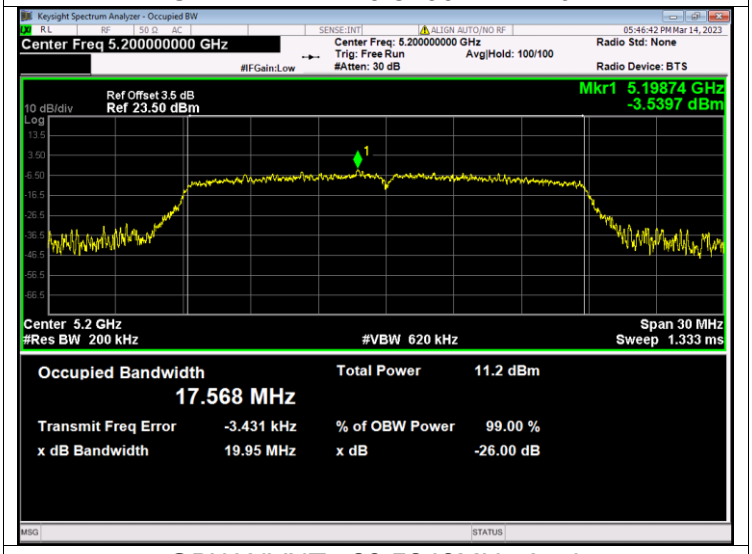
OBW NVNT a 5825MHz Ant1



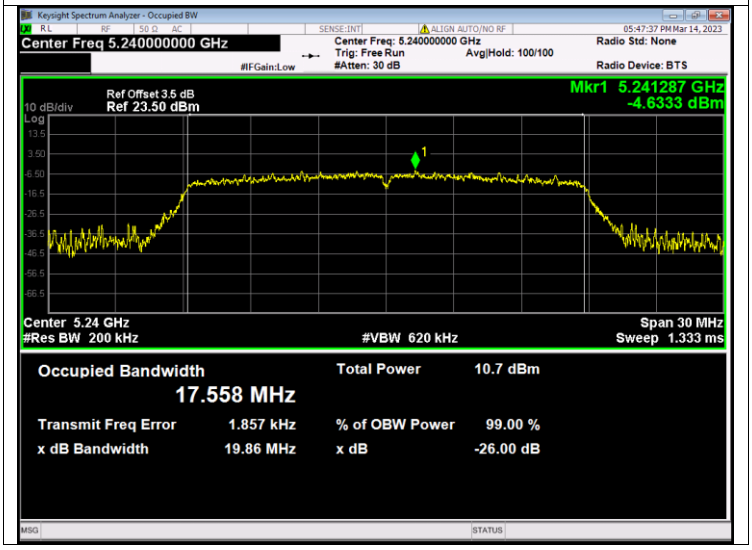
OBW NVNT n20 5180MHz Ant1



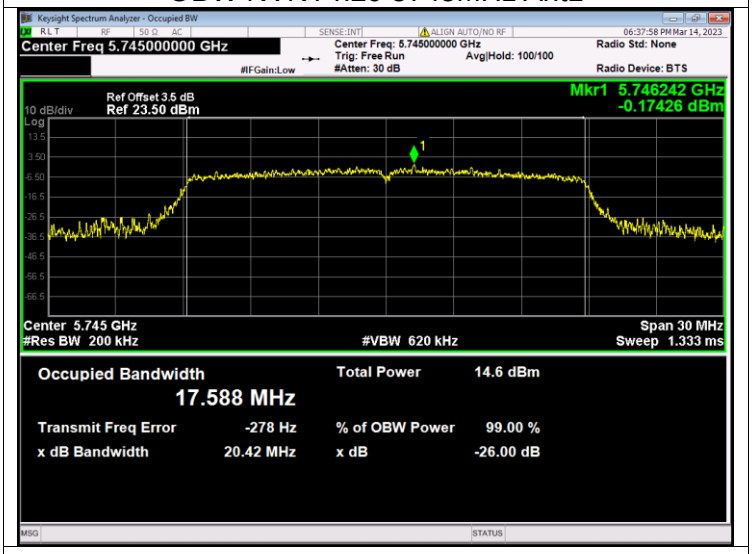
OBW NVNT n20 5200MHz Ant1



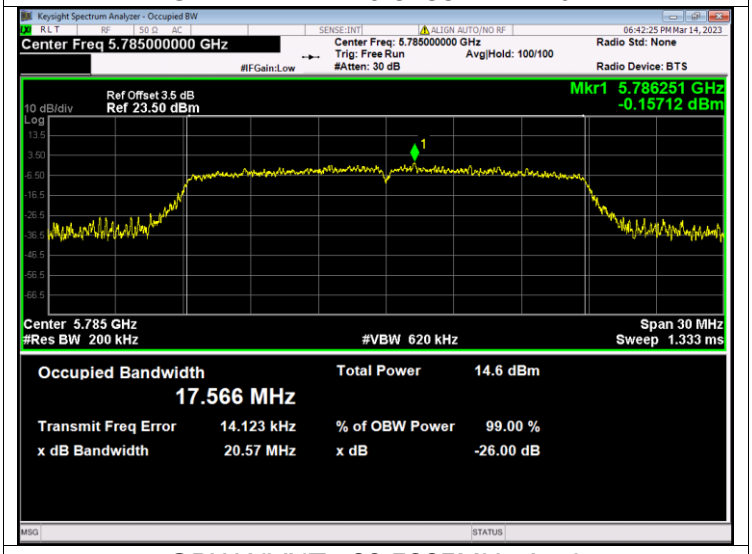
OBW NVNT n20 5240MHz Ant1



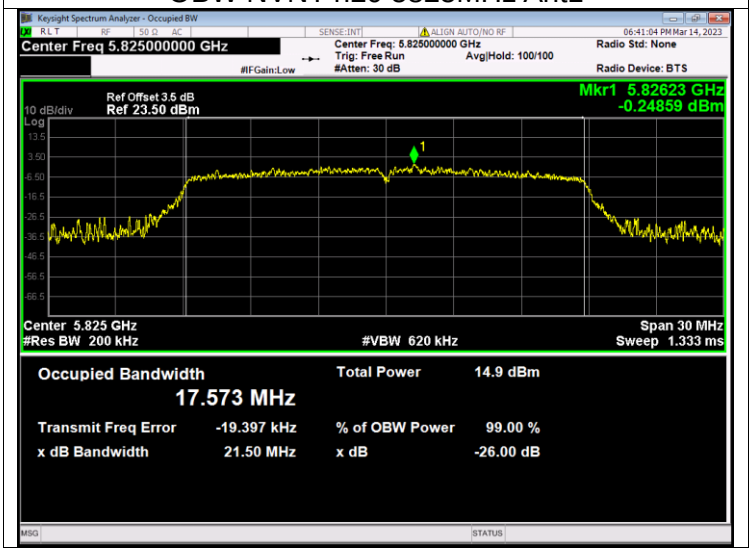
OBW NVNT n20 5745MHz Ant1



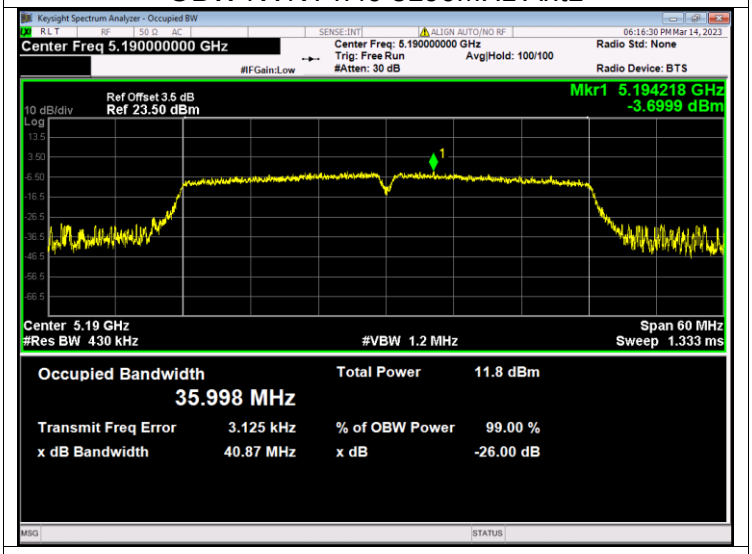
OBW NVNT n20 5785MHz Ant1



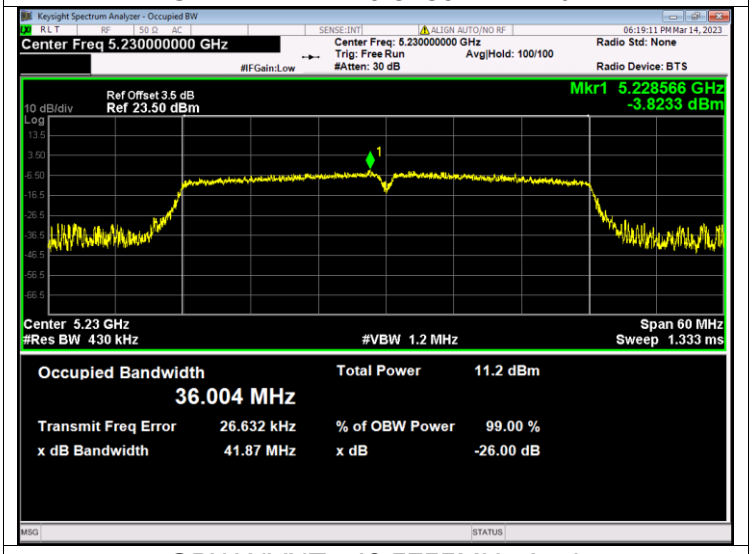
OBW NVNT n20 5825MHz Ant1



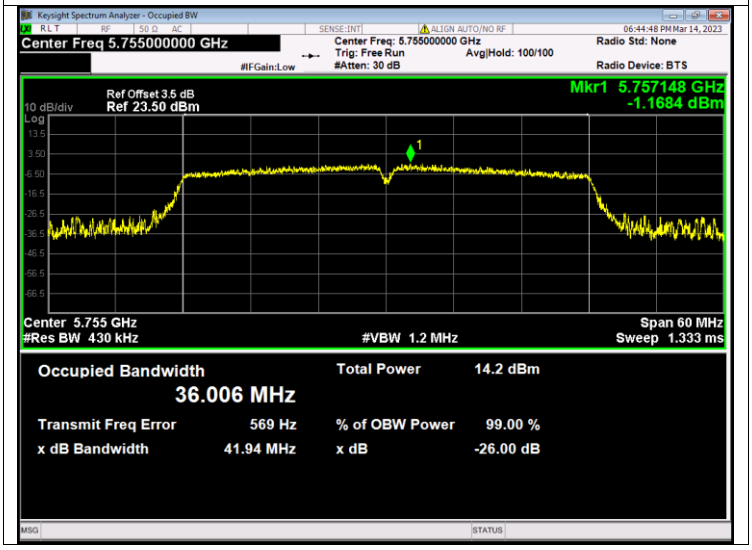
OBW NVNT n40 5190MHz Ant1



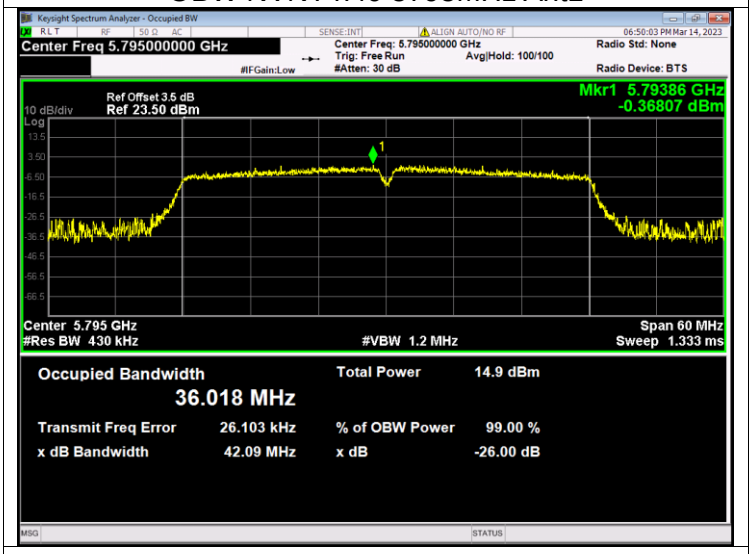
OBW NVNT n40 5230MHz Ant1



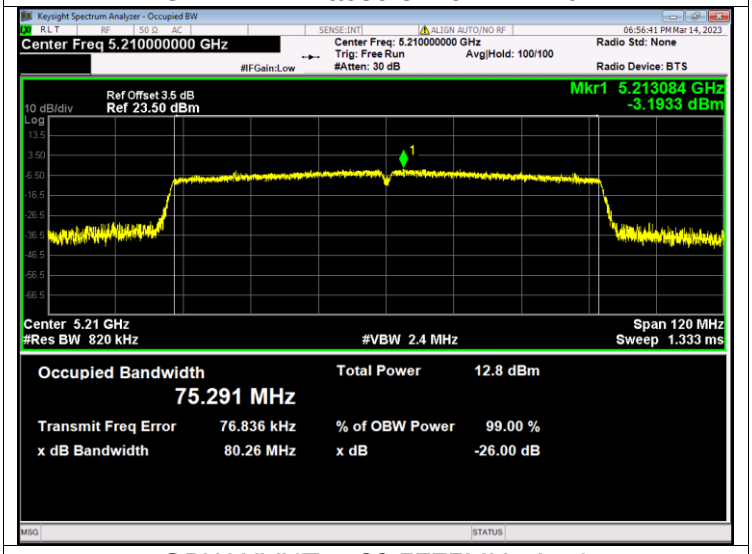
OBW NVNT n40 5755MHz Ant1



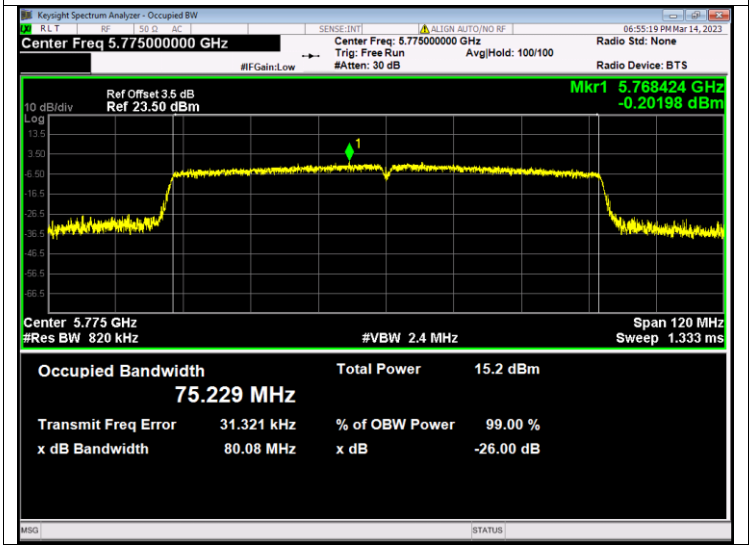
OBW NVNT n40 5795MHz Ant1



OBW NVNT ac80 5210MHz Ant1



OBW NVNT ac80 5775MHz Ant1

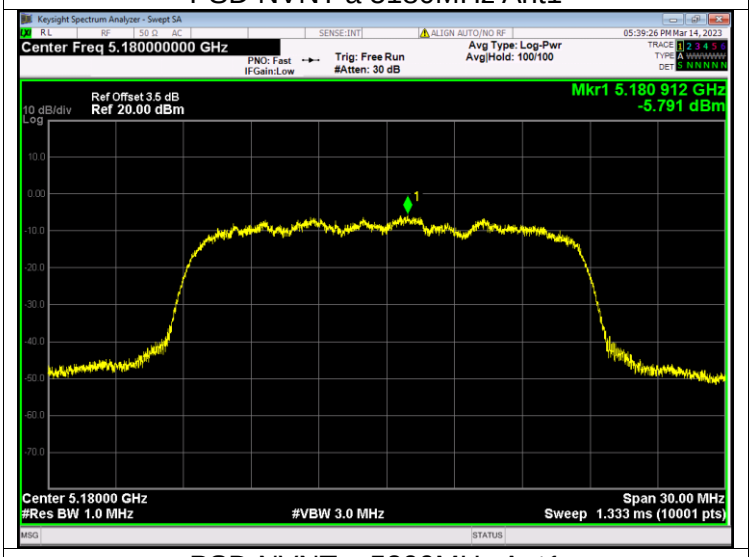


Maximum Power Spectral Density Level

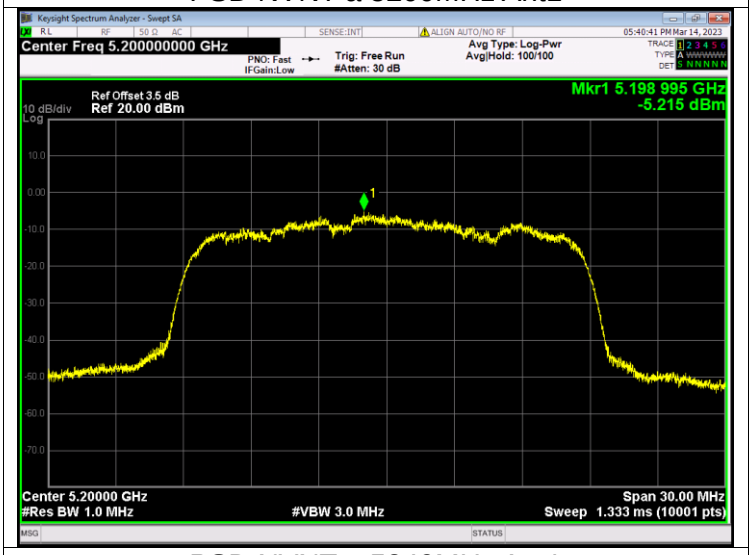
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
a	5180	Ant1	-5.79	0.13	-5.66	11	Pass
a	5200	Ant1	-5.22	0.13	-5.09	11	Pass
a	5240	Ant1	-6.5	0.13	-6.37	11	Pass
n20	5180	Ant1	-6.45	0.14	-6.31	11	Pass
n20	5200	Ant1	-5.99	0.14	-5.85	11	Pass
n20	5240	Ant1	-7.28	0.14	-7.14	11	Pass
n40	5190	Ant1	-9.76	0.27	-9.49	11	Pass
n40	5230	Ant1	-10.06	0.27	-9.79	11	Pass
ac80	5210	Ant1	-15.47	0.53	-14.94	11	Pass

Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm/500KHz)	Total PSD (dBm/500KHz)	Verdict
a	5745	Ant1	-6.35	0.13	-6.22	30	Pass
a	5785	Ant1	-4.89	0.13	-4.76	30	Pass
a	5825	Ant1	-5.97	0.13	-5.84	30	Pass
n20	5745	Ant1	-6.03	0.13	-5.9	30	Pass
n20	5785	Ant1	-6.01	0.13	-5.88	30	Pass
n20	5825	Ant1	-6.61	0.13	-6.48	30	Pass
n40	5755	Ant1	-11.58	0.27	-11.31	30	Pass
n40	5795	Ant1	-9.59	0.26	-9.33	30	Pass
ac80	5775	Ant1	-15.92	0.51	-15.41	30	Pass

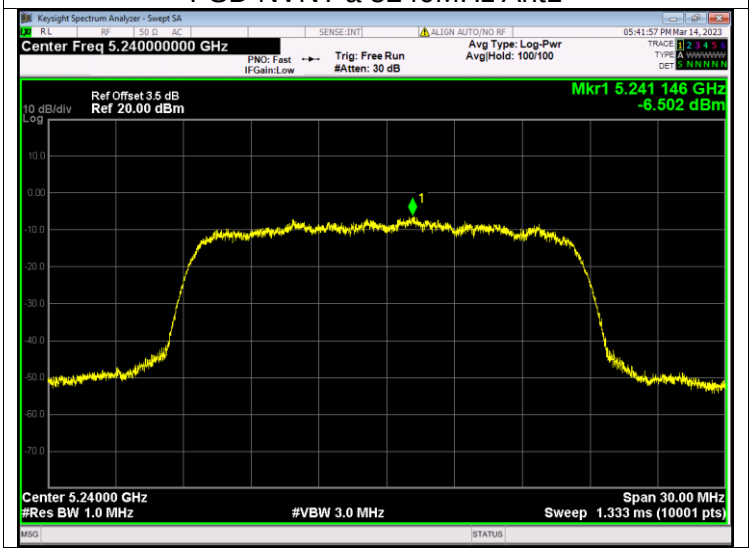
Test Graphs
PSD NVNT a 5180MHz Ant1



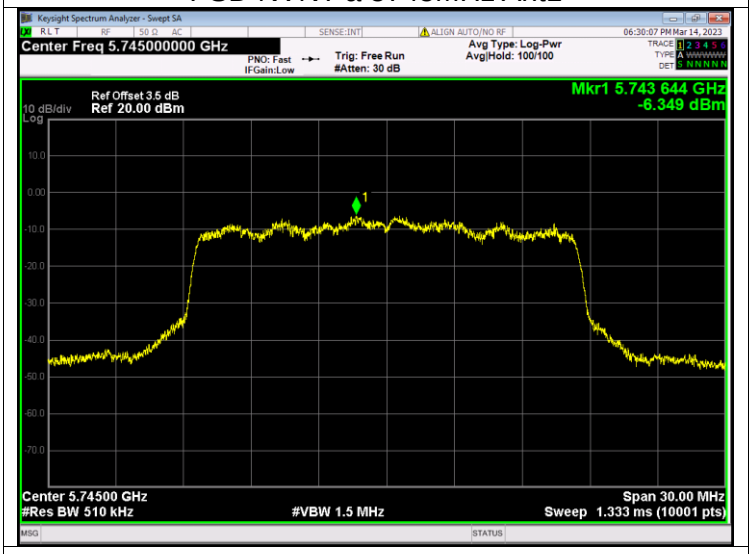
PSD NVNT a 5200MHz Ant1



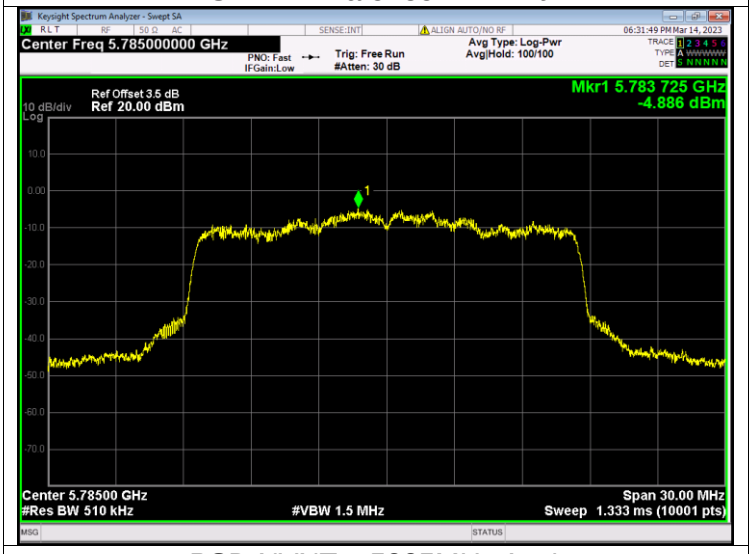
PSD NVNT a 5240MHz Ant1



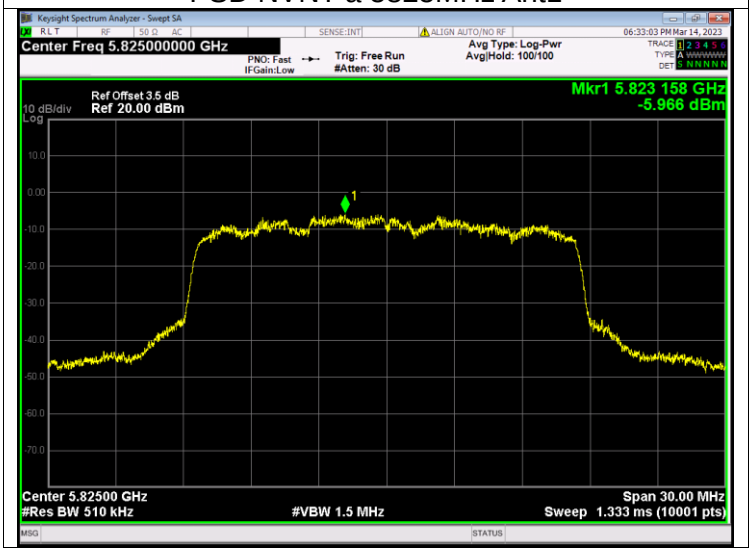
PSD NVNT a 5745MHz Ant1



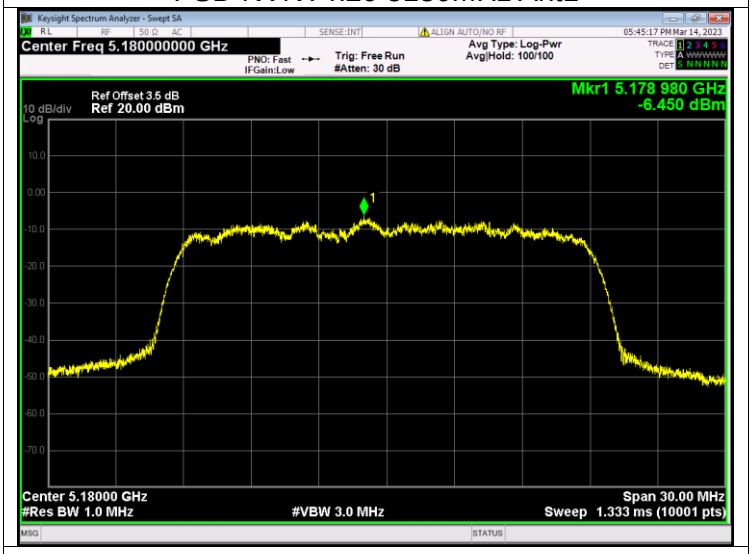
PSD NVNT a 5785MHz Ant1



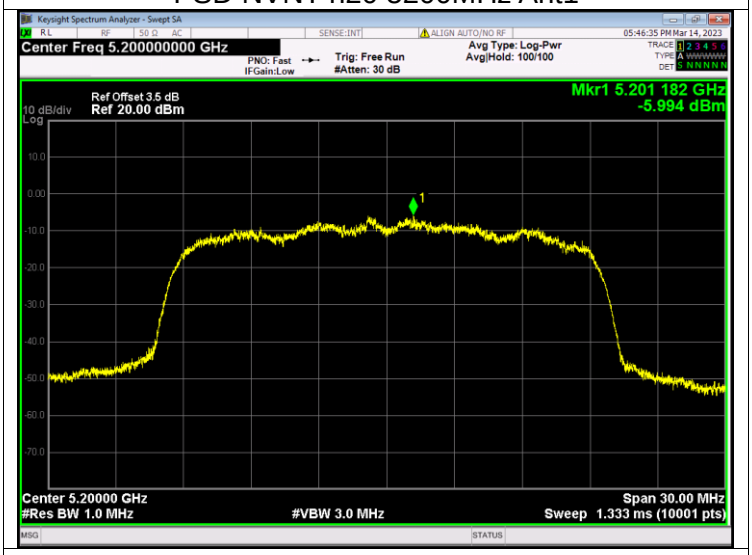
PSD NVNT a 5825MHz Ant1



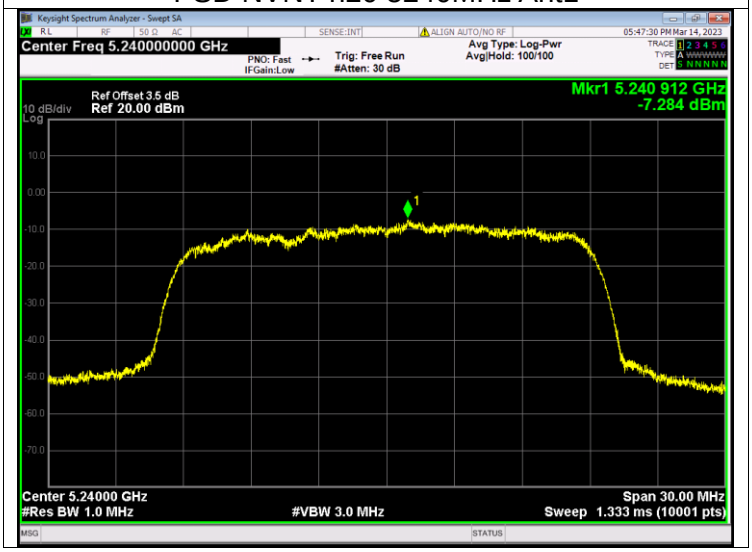
PSD NVNT n20 5180MHz Ant1



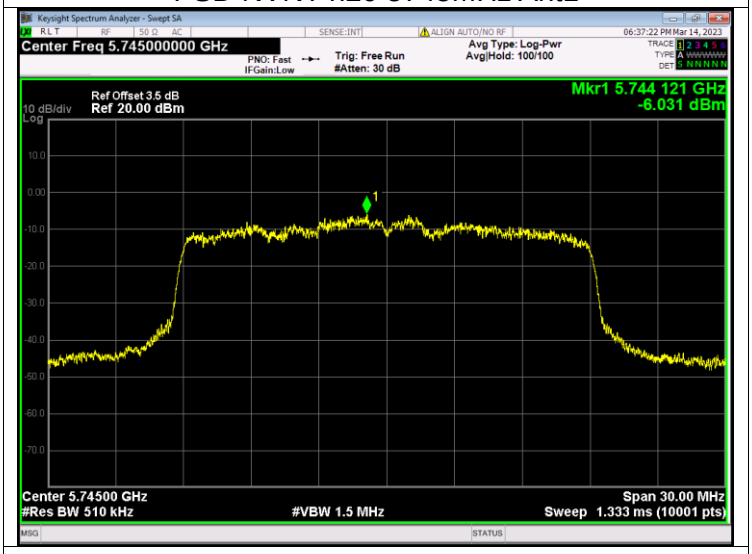
PSD NVNT n20 5200MHz Ant1



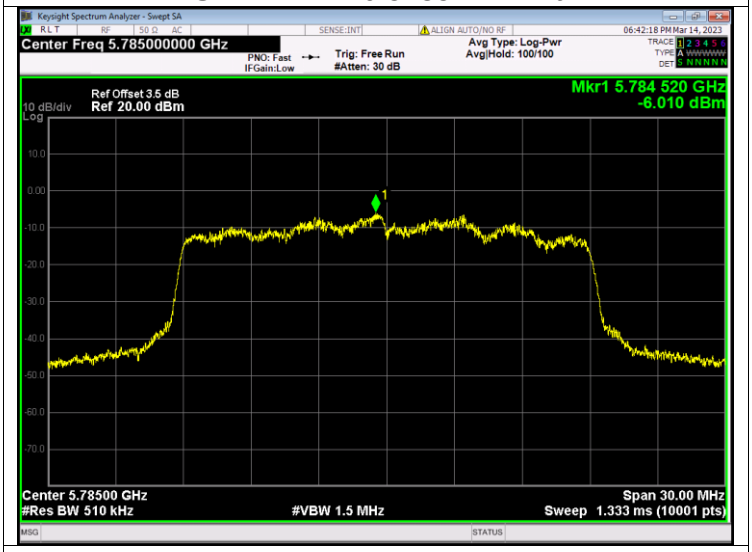
PSD NVNT n20 5240MHz Ant1



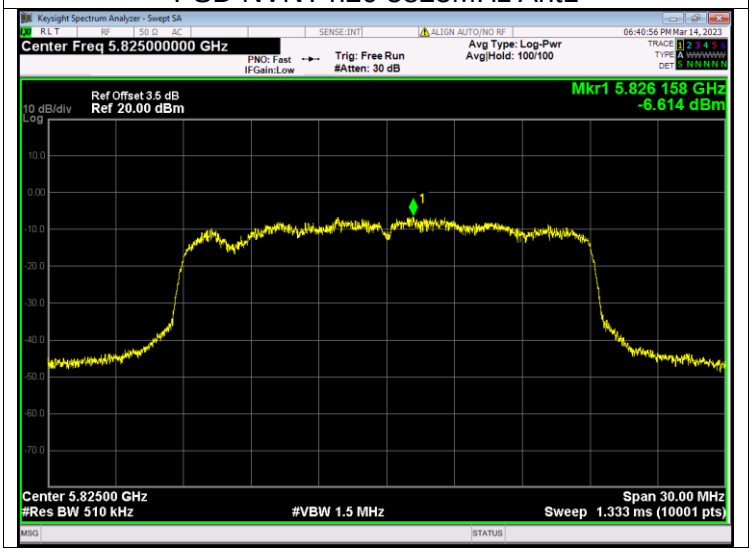
PSD NVNT n20 5745MHz Ant1



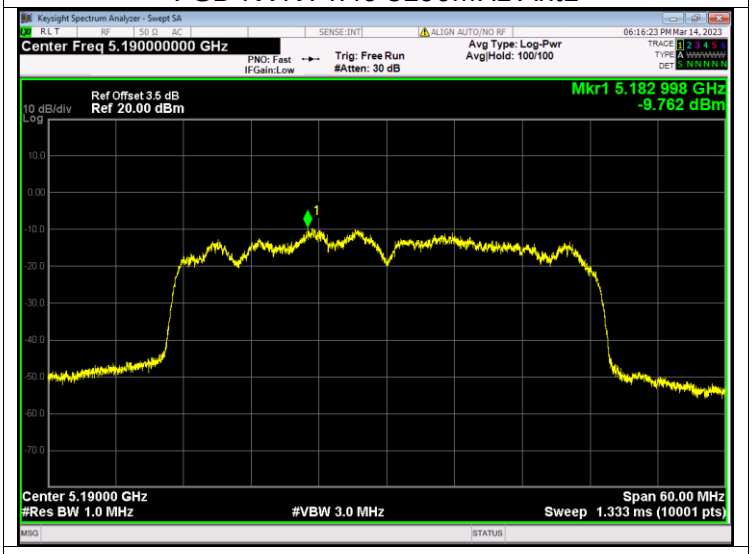
PSD NVNT n20 5785MHz Ant1



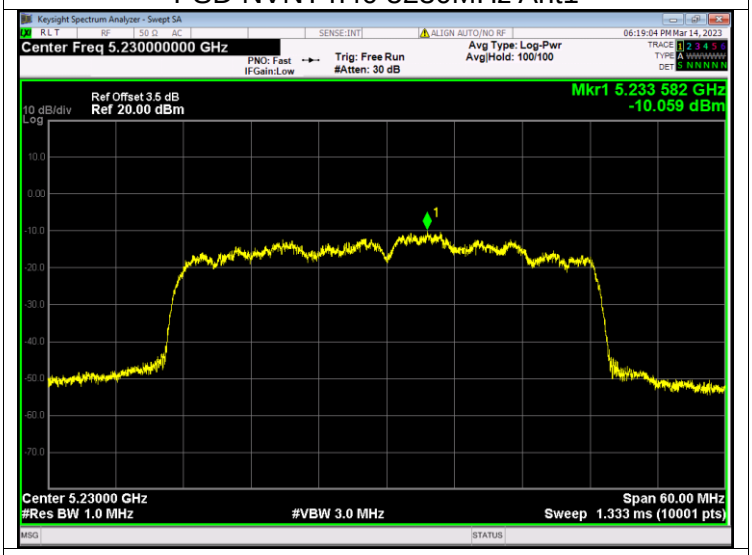
PSD NVNT n20 5825MHz Ant1



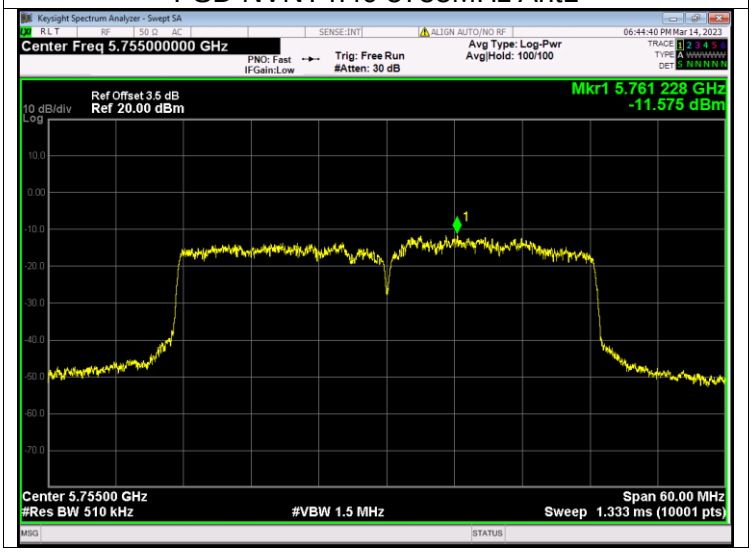
PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

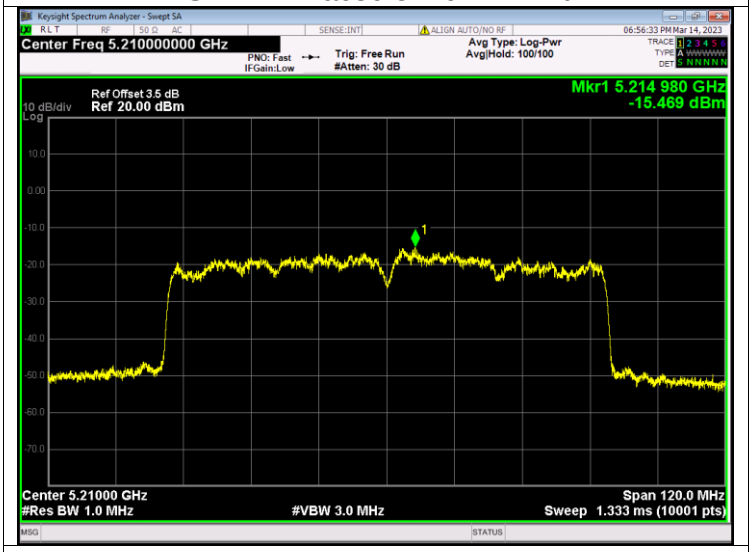


PSD NVNT n40 5755MHz Ant1

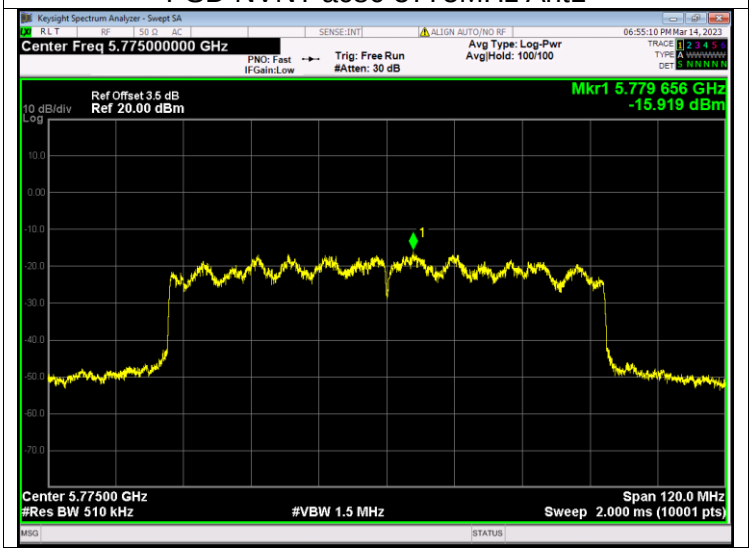


PSD NVNT n40 5795MHz Ant1

PSD NVNT ac80 5210MHz Ant1



PSD NVNT ac80 5775MHz Ant1

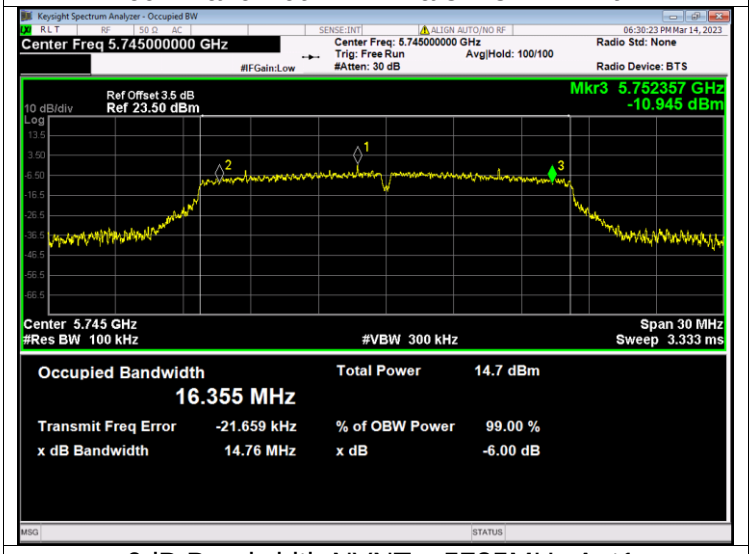


-6dB Bandwidth

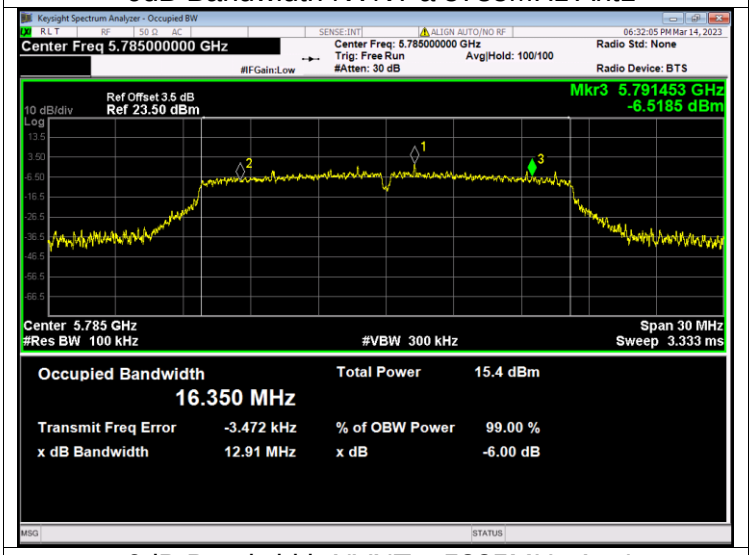
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	14.757	0.5	Pass
NVNT	a	5785	Ant1	12.913	0.5	Pass
NVNT	a	5825	Ant1	15.108	0.5	Pass
NVNT	n20	5745	Ant1	13.378	0.5	Pass
NVNT	n20	5785	Ant1	15.055	0.5	Pass
NVNT	n20	5825	Ant1	15.044	0.5	Pass
NVNT	n40	5755	Ant1	35.088	0.5	Pass
NVNT	n40	5795	Ant1	35.048	0.5	Pass
NVNT	ac80	5775	Ant1	75.098	0.5	Pass

Test Graphs

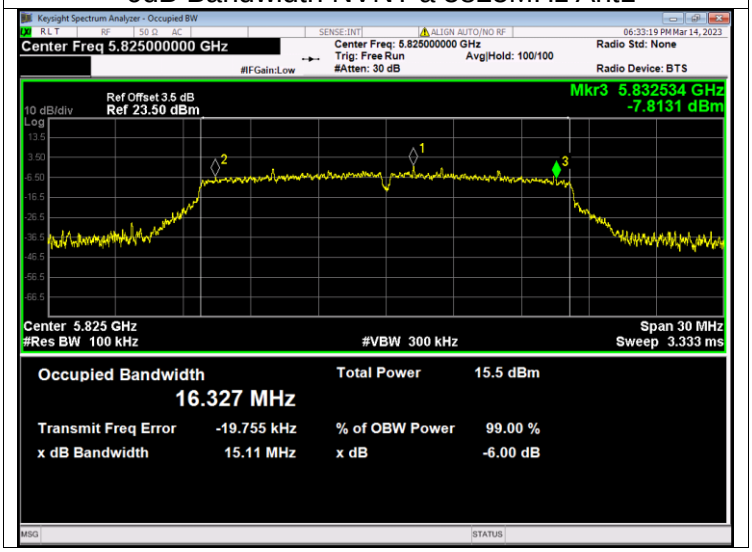
-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1



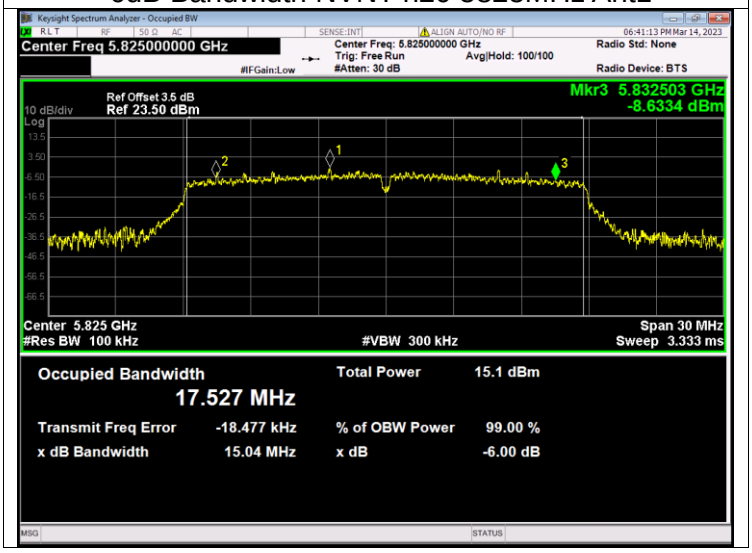
-6dB Bandwidth NVNT a 5825MHz Ant1



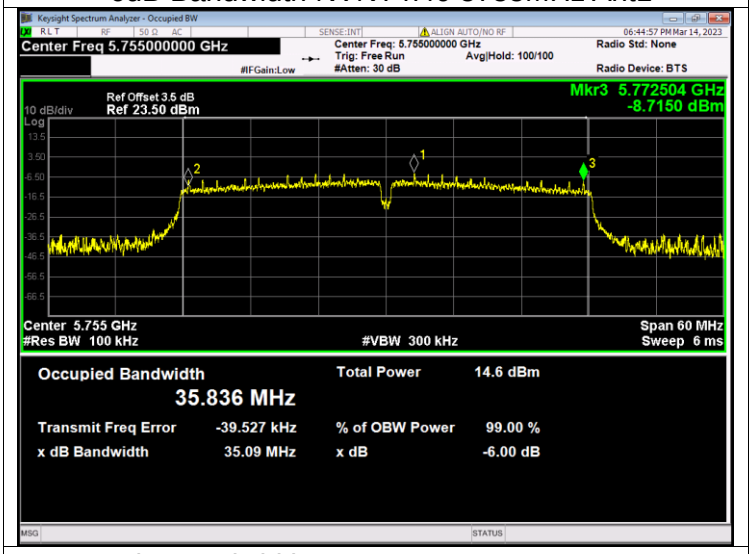
-6dB Bandwidth NVNT n20 5745MHz Ant1

-6dB Bandwidth NVNT n20 5785MHz Ant1

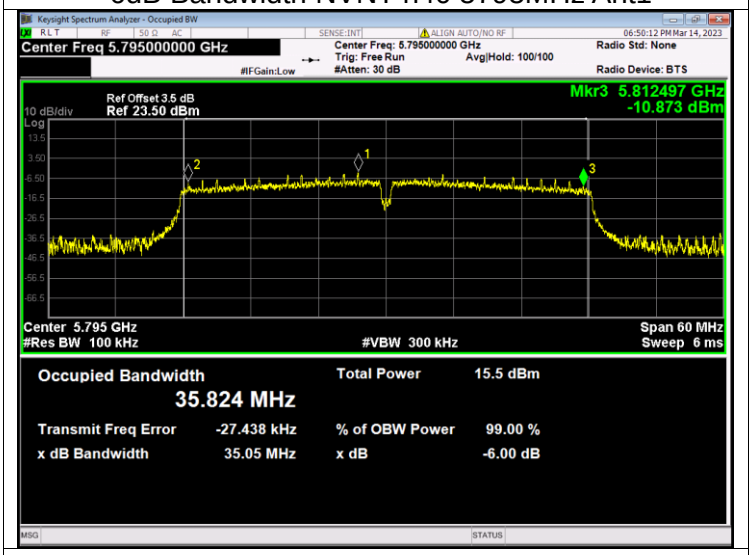
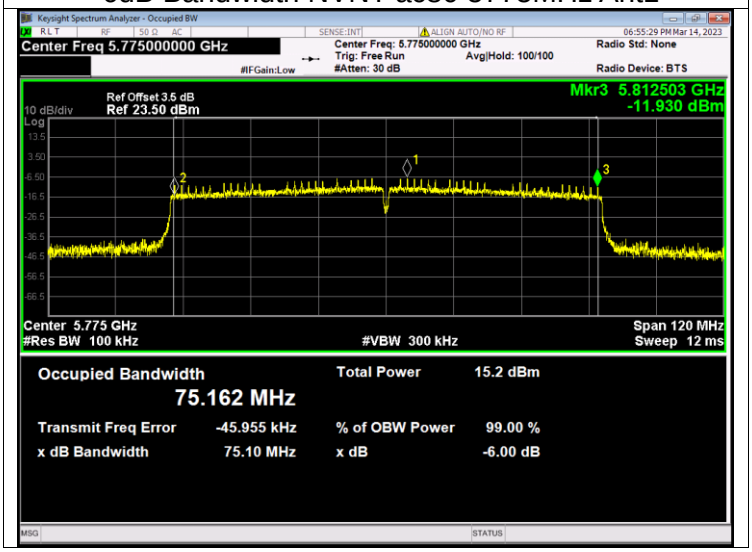
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1