

OBW NVNT ac20 5180MHz Ant2



OBW NVNT ac20 5200MHz Ant2

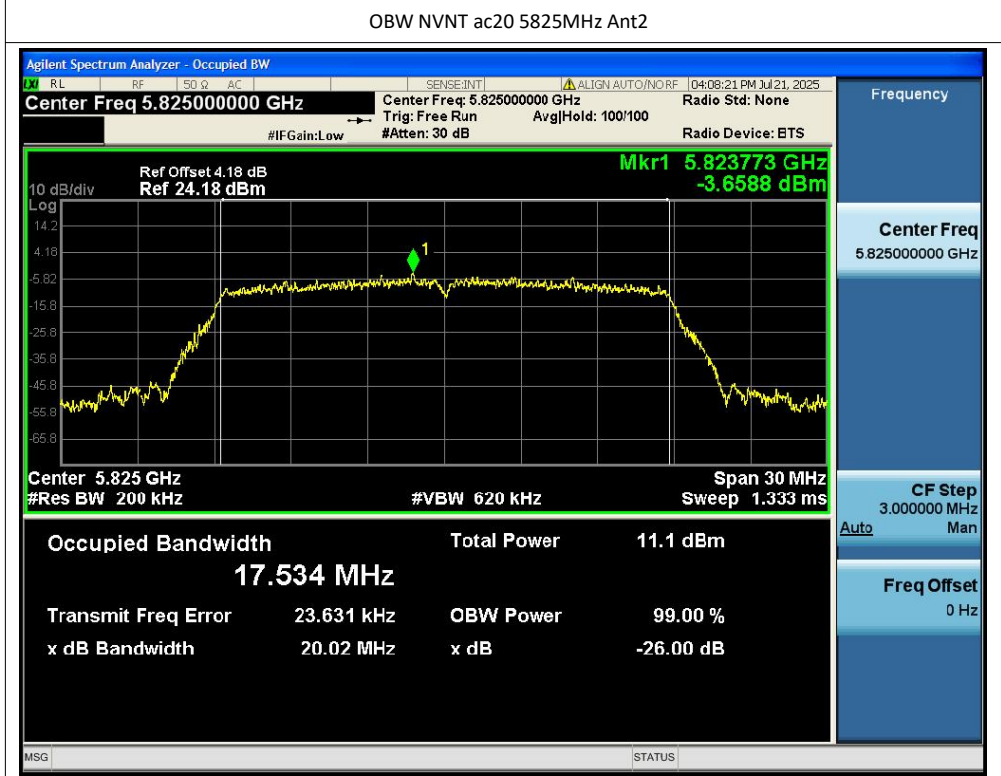
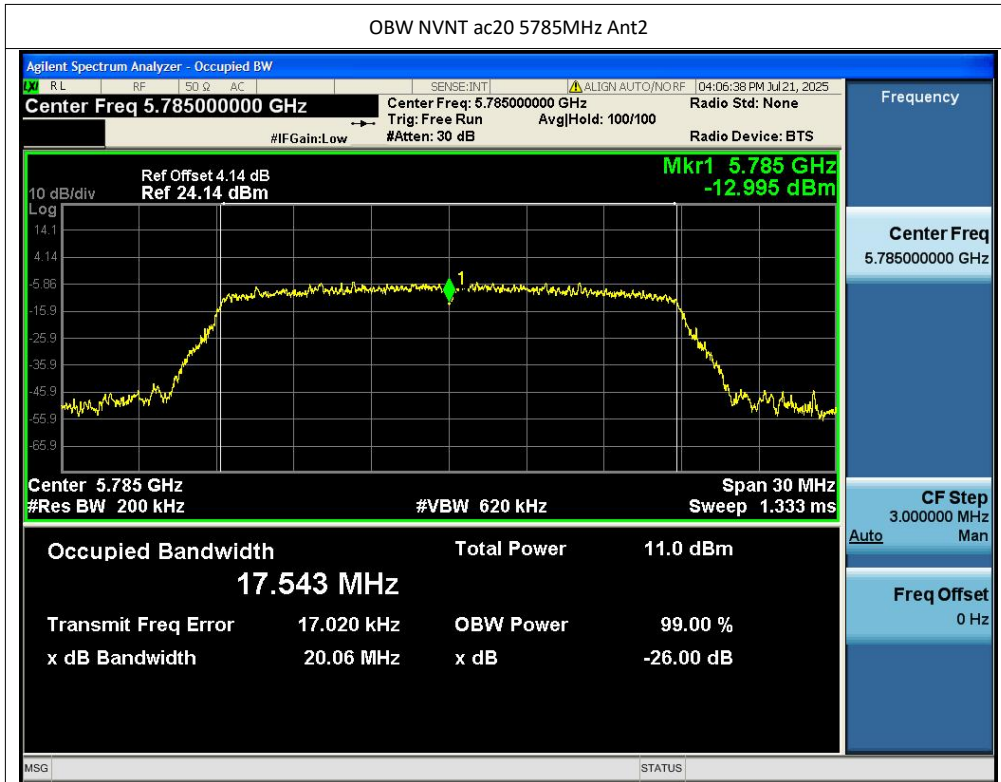


OBW NVNT ac20 5240MHz Ant2



OBW NVNT ac20 5745MHz Ant2





OBW NVNT ac40 5190MHz Ant2

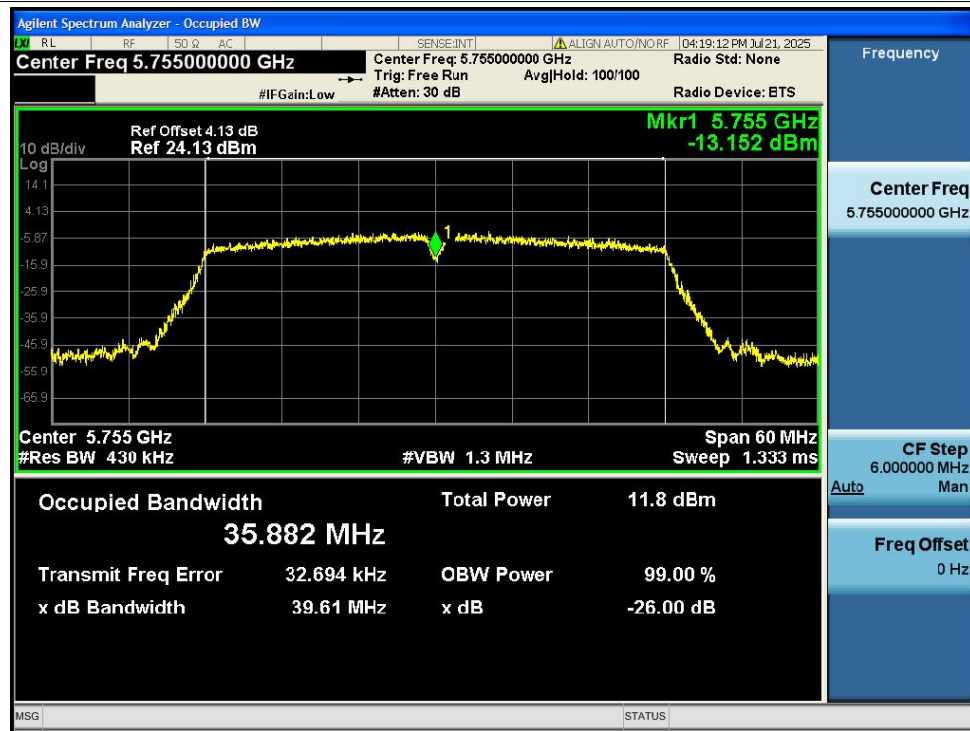


OBW NVNT ac40 5230MHz Ant2





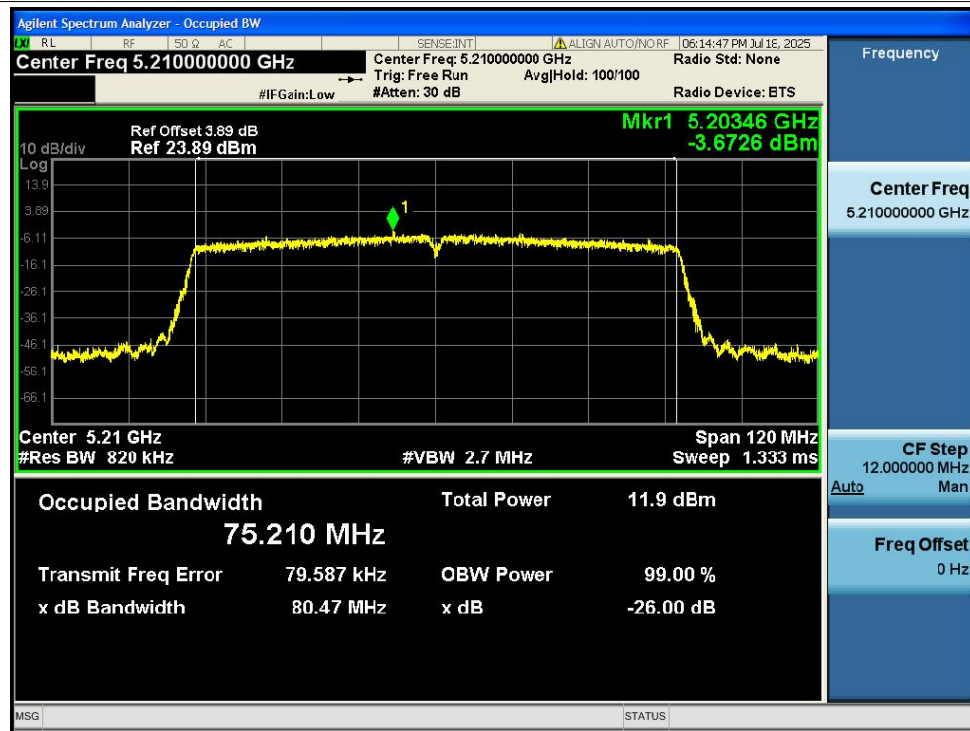
OBW NVNT ac40 5755MHz Ant2



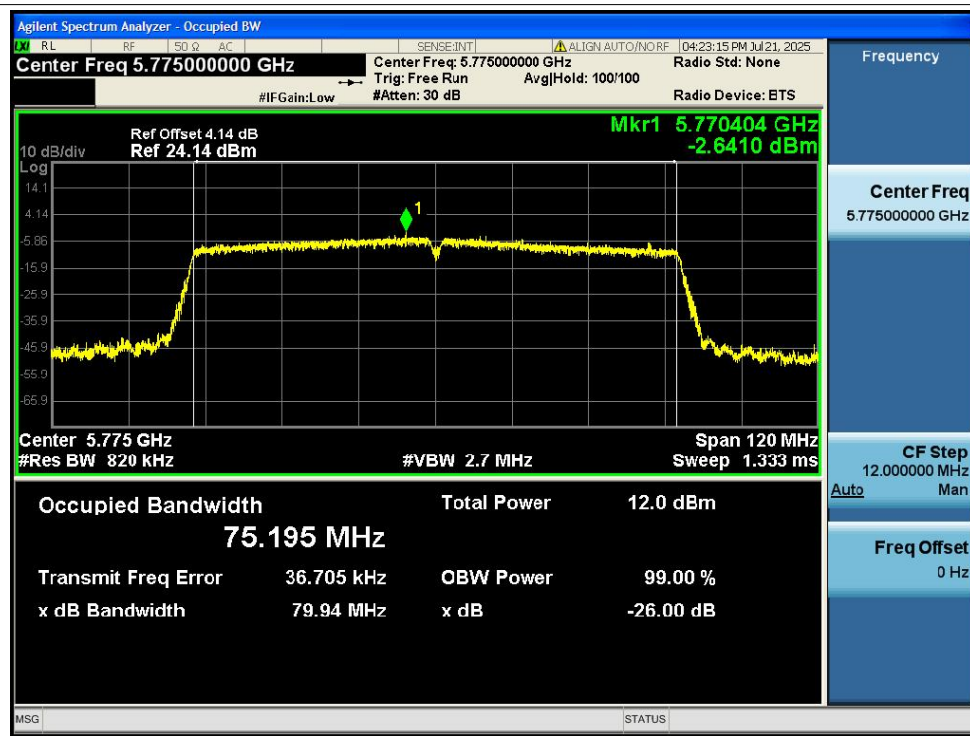
OBW NVNT ac40 5795MHz Ant2



OBW NVNT ac80 5210MHz Ant2



OBW NVNT ac80 5775MHz Ant2



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant2	-4.23	0.11	-4.12	11	Pass
NVNT	a	5200	Ant2	-4.25	0.11	-4.14	11	Pass
NVNT	a	5240	Ant2	-3.93	0.11	-3.82	11	Pass
NVNT	n20	5180	Ant2	-3.29	0.12	-3.17	11	Pass
NVNT	n20	5200	Ant2	-4.38	0.12	-4.26	11	Pass
NVNT	n20	5240	Ant2	-4.43	0.12	-4.31	11	Pass
NVNT	n40	5190	Ant2	-7.09	0.22	-6.87	11	Pass
NVNT	n40	5230	Ant2	-7.26	0.23	-7.03	11	Pass
NVNT	ac20	5180	Ant2	-4.27	0.11	-4.16	11	Pass
NVNT	ac20	5200	Ant2	-4.32	0.11	-4.21	11	Pass
NVNT	ac20	5240	Ant2	-4.4	0.11	-4.29	11	Pass
NVNT	ac40	5190	Ant2	-7.31	0.22	-7.09	11	Pass
NVNT	ac40	5230	Ant2	-7.12	0.22	-6.9	11	Pass
NVNT	ac80	5210	Ant2	-10.74	0.43	-10.31	11	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm/510KHz)	10log (500/510)	Total PSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
NVNT	a	5745	Ant2	-6.69	0.11	-6.58	-0.086	-6.67	30	Pass
NVNT	a	5785	Ant2	-7.61	0.11	-7.5	-0.086	-7.59	30	Pass
NVNT	a	5825	Ant2	-7.43	0.11	-7.32	-0.086	-7.41	30	Pass
NVNT	n20	5745	Ant2	-7.52	0.12	-7.4	-0.086	-7.49	30	Pass
NVNT	n20	5785	Ant2	-7.85	0.12	-7.73	-0.086	-7.82	30	Pass
NVNT	n20	5825	Ant2	-7.58	0.12	-7.46	-0.086	-7.55	30	Pass
NVNT	n40	5755	Ant2	-10.16	0.22	-9.94	-0.086	-10.03	30	Pass
NVNT	n40	5795	Ant2	-11.15	0.22	-10.93	-0.086	-11.02	30	Pass
NVNT	ac20	5745	Ant2	-7.28	0.12	-7.16	-0.086	-7.25	30	Pass
NVNT	ac20	5785	Ant2	-7.41	0.11	-7.3	-0.086	-7.39	30	Pass
NVNT	ac20	5825	Ant2	-7.29	0.11	-7.18	-0.086	-7.27	30	Pass
NVNT	ac40	5755	Ant2	-9.57	0.22	-9.35	-0.086	-9.44	30	Pass
NVNT	ac40	5795	Ant2	-10.75	0.23	-10.52	-0.086	-10.61	30	Pass
NVNT	ac80	5775	Ant2	-13.45	0.43	-13.02	-0.086	-13.11	30	Pass

Note: Total PSD=Conducted PSD + Duty factor+(10log(Test RBW/Limit RBW)

Test Graphs

PSD NVNT a 5180MHz Ant2



PSD NVNT a 5200MHz Ant2



PSD NVNT a 5240MHz Ant2



PSD NVNT a 5745MHz Ant2



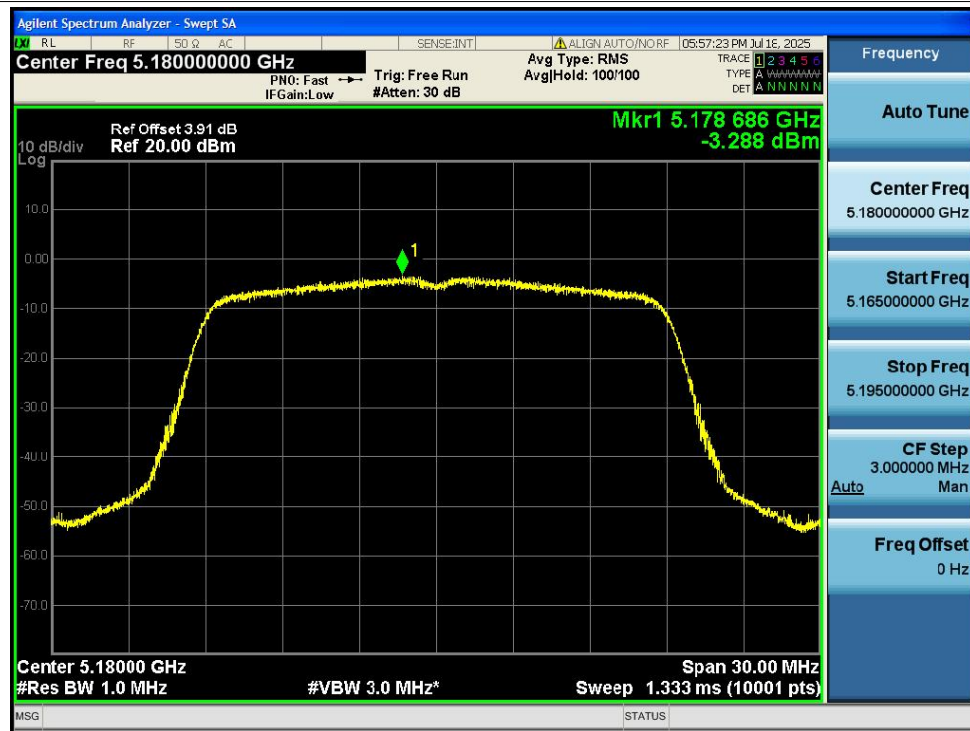
PSD NVNT a 5785MHz Ant2



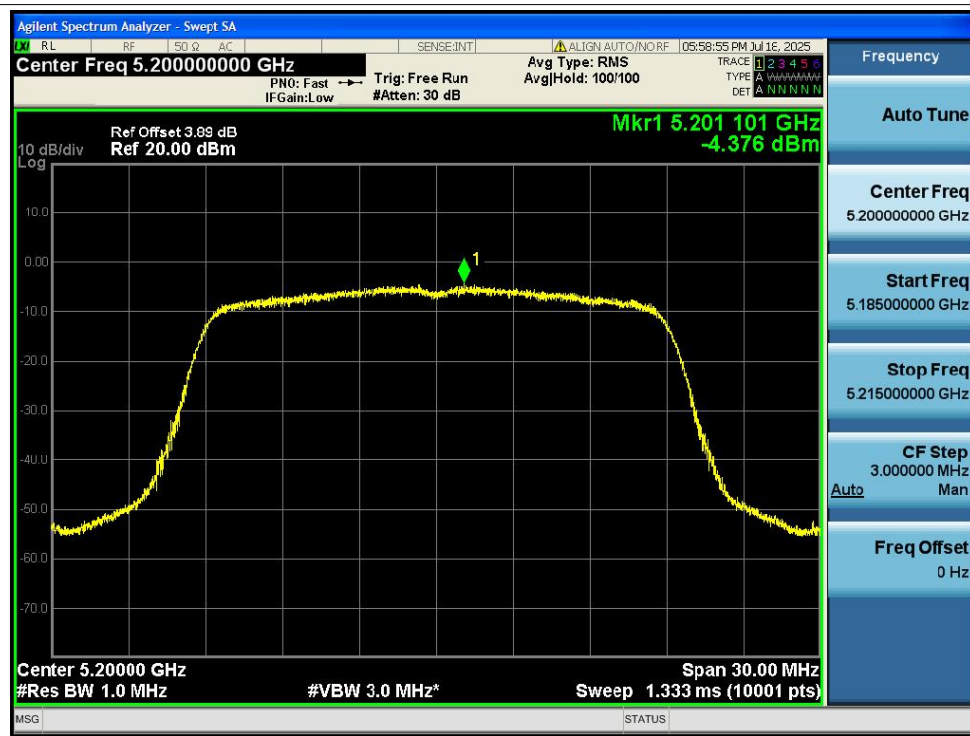
PSD NVNT a 5825MHz Ant2



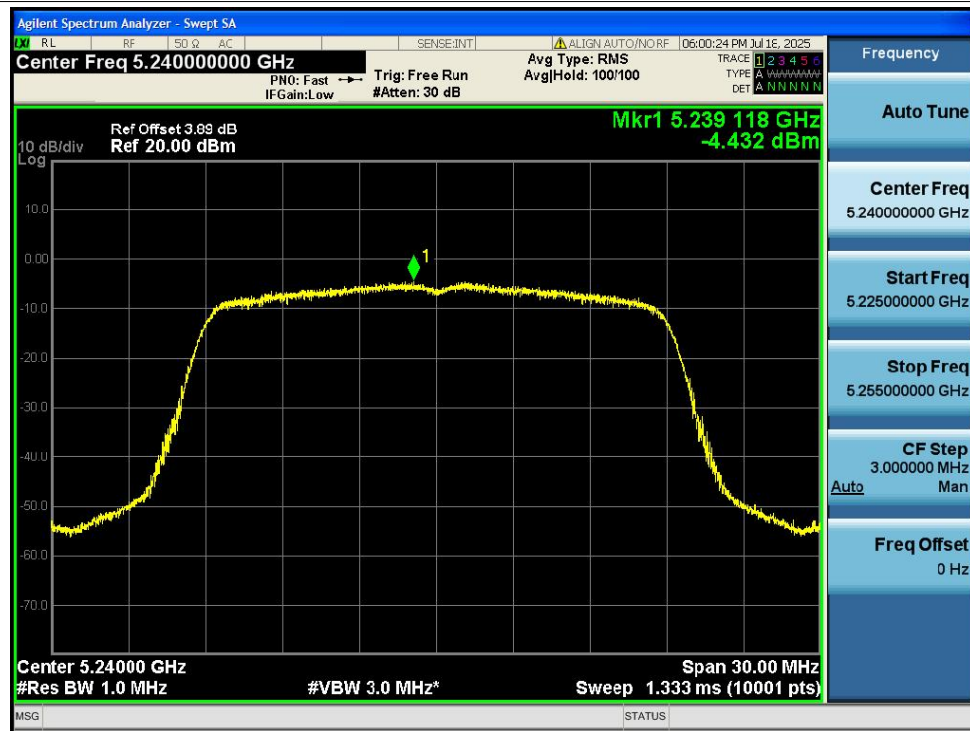
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PSD NVNT n20 5200MHz Ant2



PSD NVNT n20 5240MHz Ant2



PSD NVNT n20 5745MHz Ant2



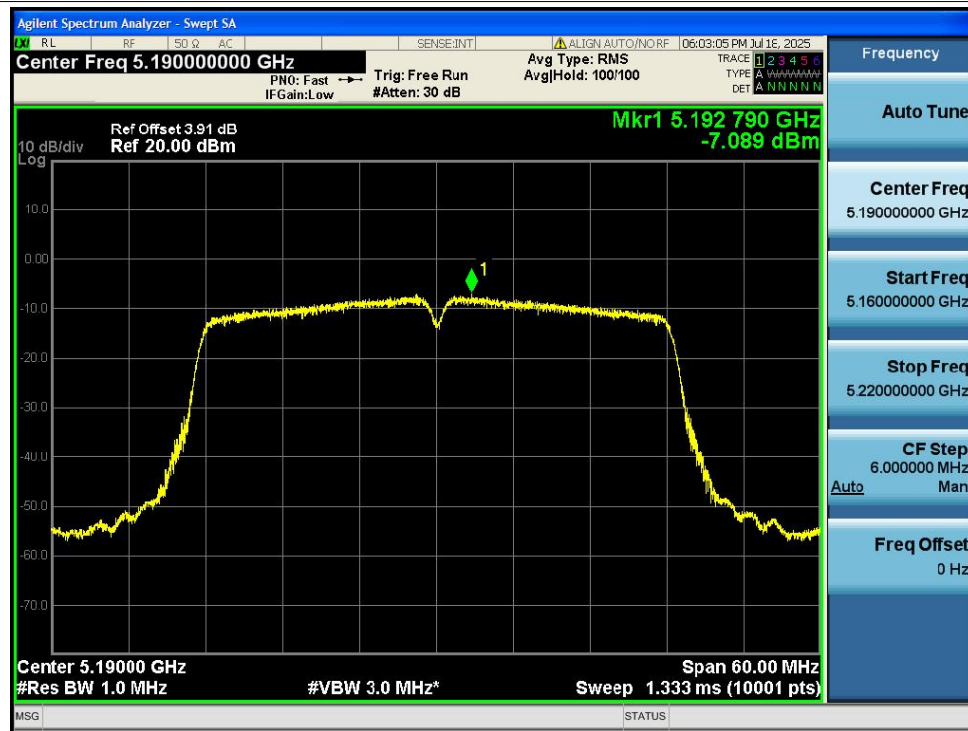
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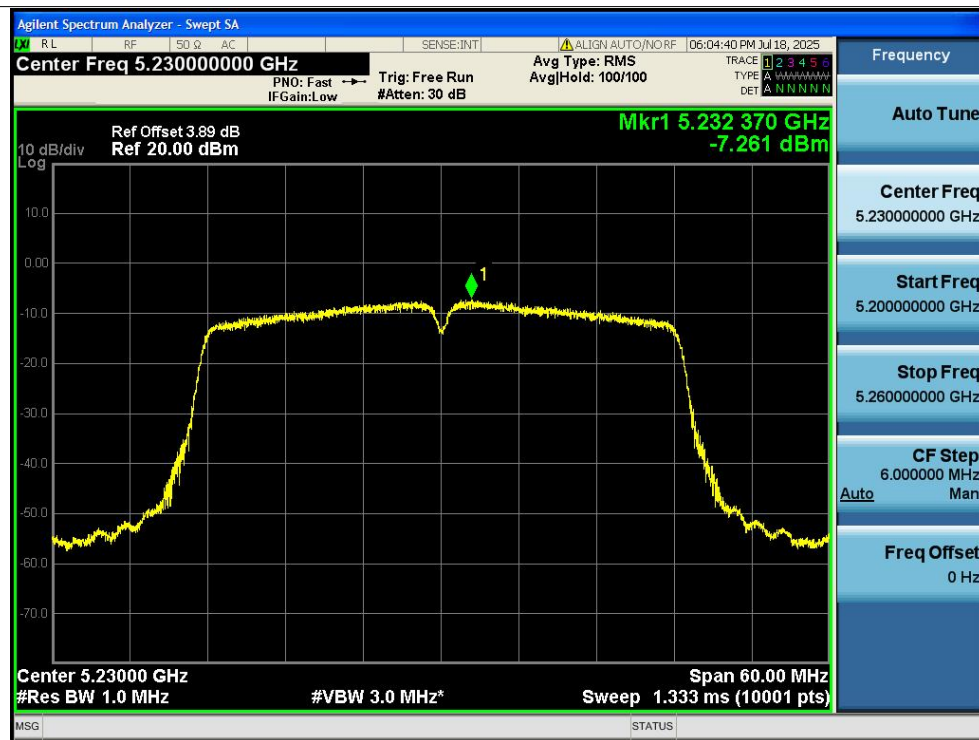
PSD NVNT n20 5825MHz Ant2



PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant2



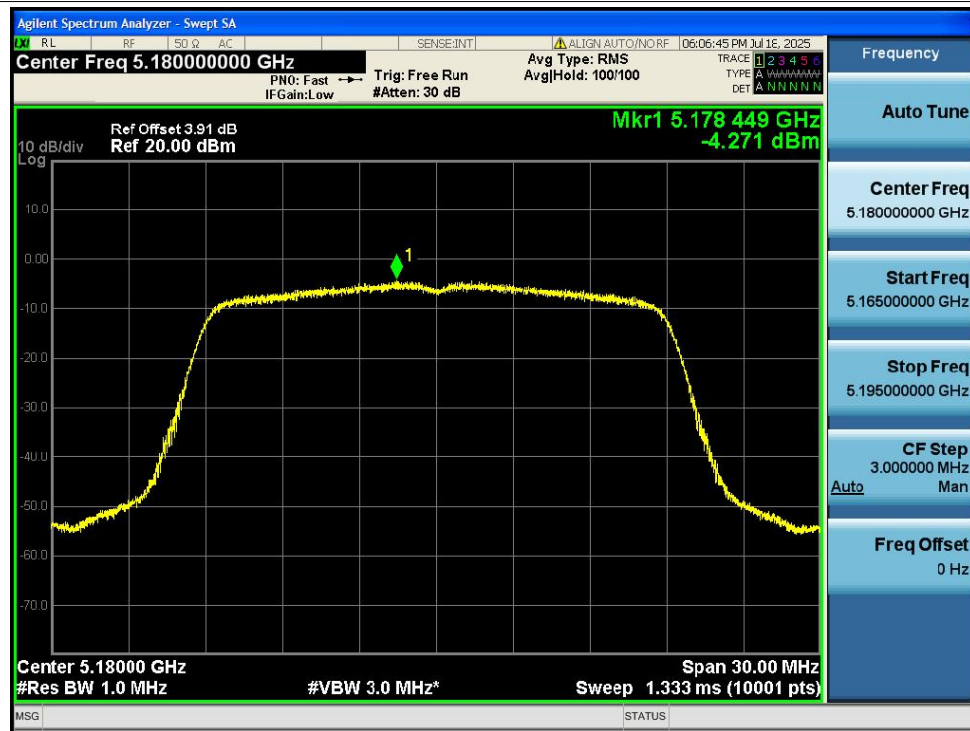
PSD NVNT n40 5755MHz Ant2



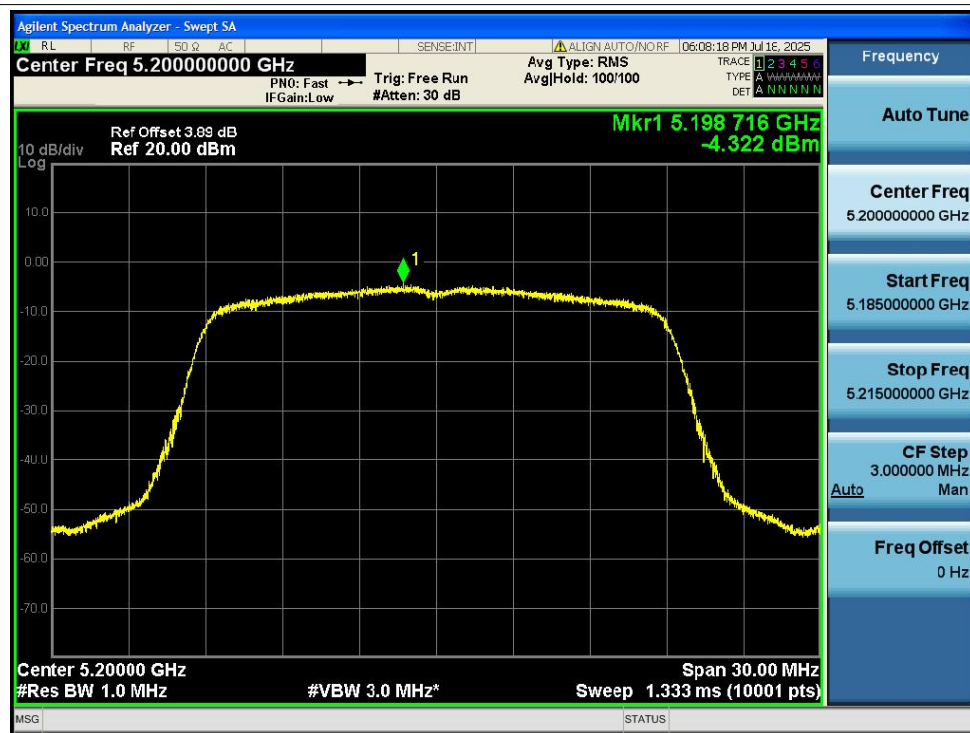
PSD NVNT n40 5795MHz Ant2



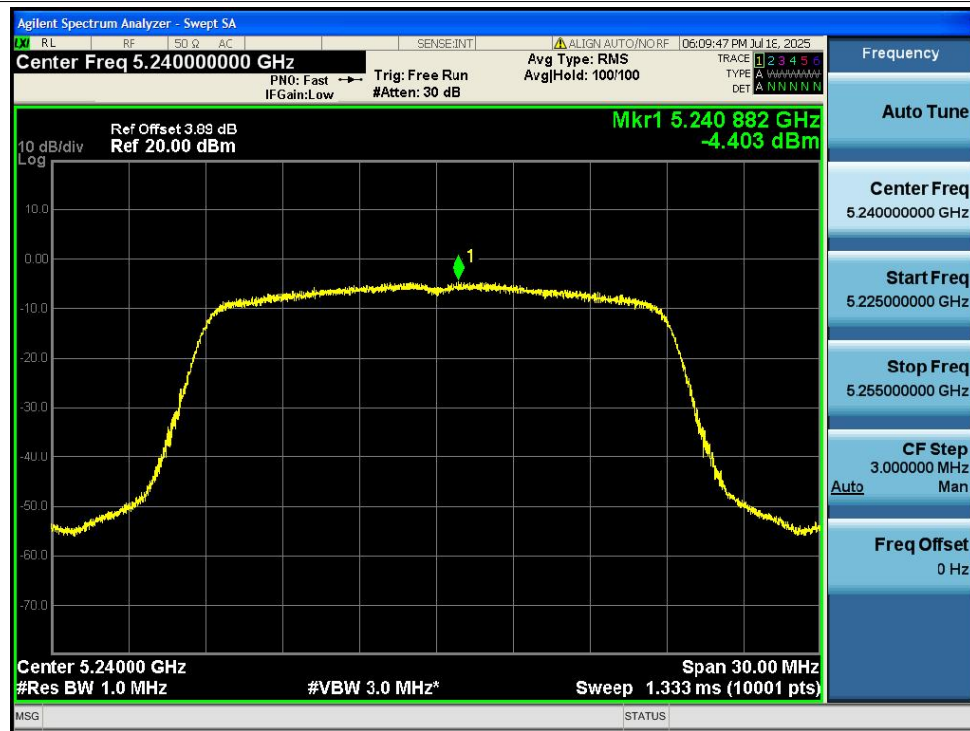
PSD NVNT ac20 5180MHz Ant2



PSD NVNT ac20 5200MHz Ant2



PSD NVNT ac20 5240MHz Ant2



PSD NVNT ac20 5745MHz Ant2



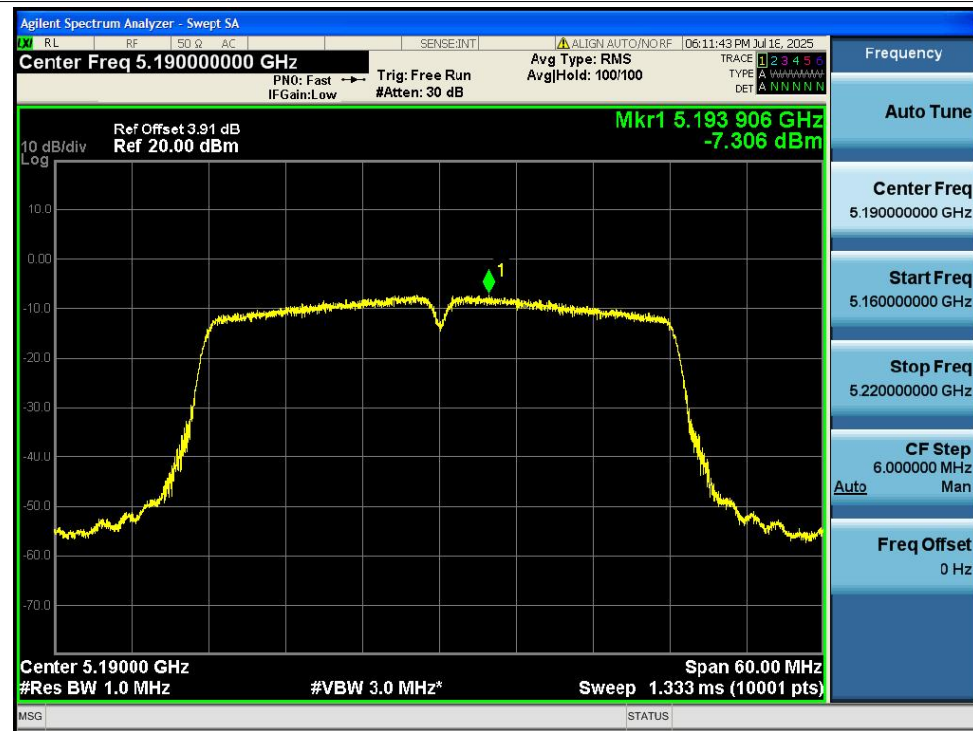
PSD NVNT ac20 5785MHz Ant2



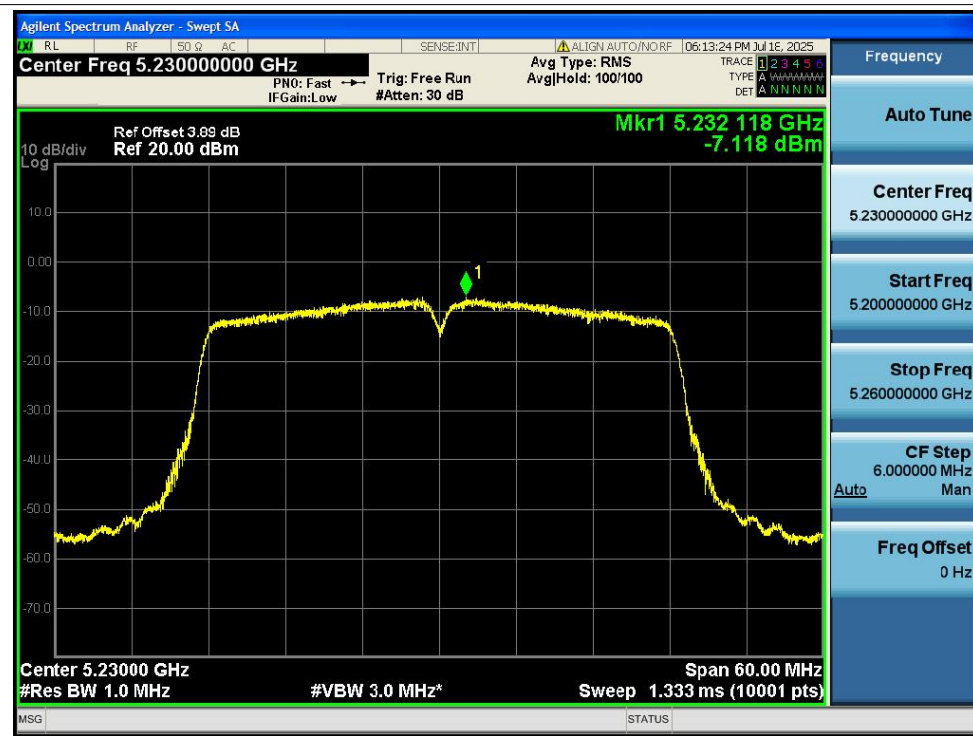
PSD NVNT ac20 5825MHz Ant2



PSD NVNT ac40 5190MHz Ant2



PSD NVNT ac40 5230MHz Ant2



PSD NVNT ac40 5755MHz Ant2



PSD NVNT ac40 5795MHz Ant2



PSD NVNT ac80 5210MHz Ant2



PSD NVNT ac80 5775MHz Ant2



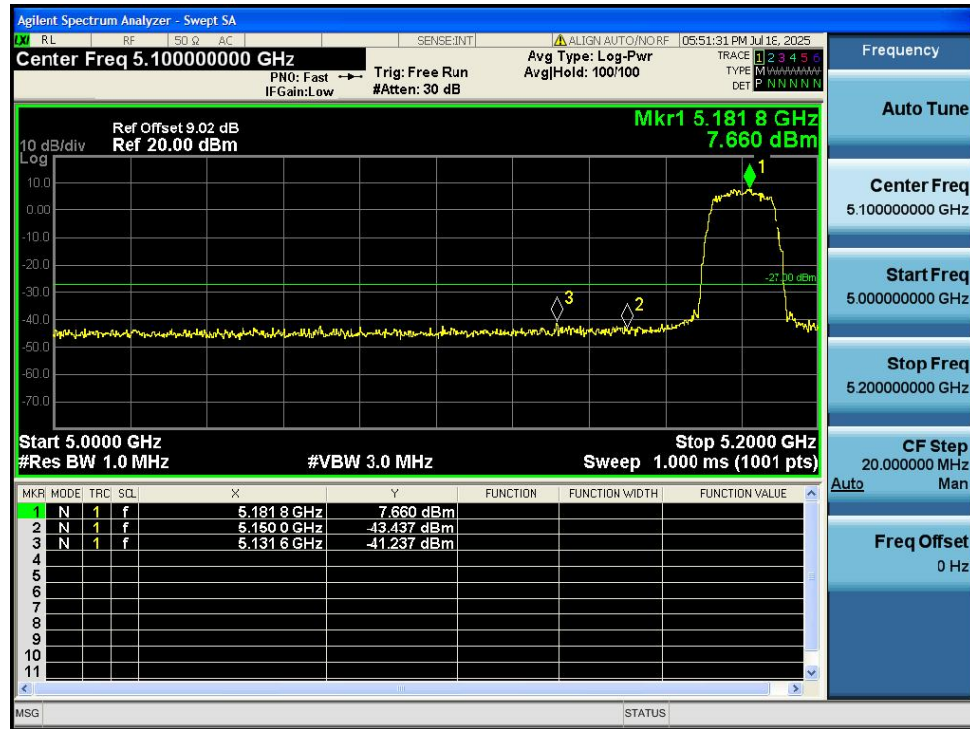


Band Edge

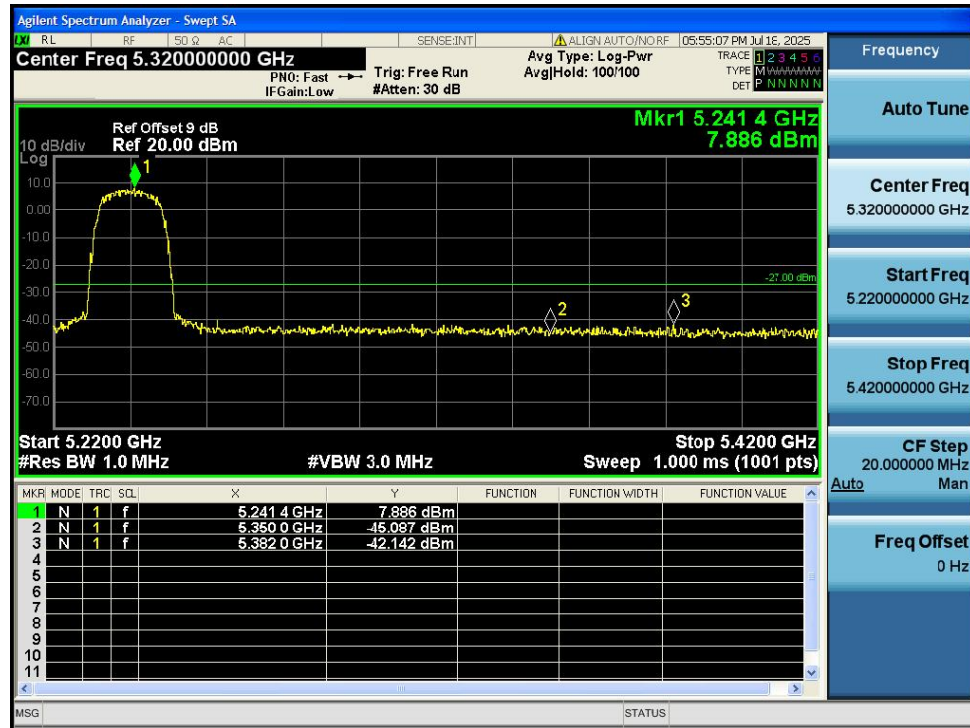
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5180	Ant2	-41.23	Pass
NVNT	a	5240	Ant2	-42.14	Pass
NVNT	a	5745	Ant2	-41.18	Pass
NVNT	a	5825	Ant2	-41.19	Pass
NVNT	n20	5180	Ant2	-42.12	Pass
NVNT	n20	5240	Ant2	-42.02	Pass
NVNT	n20	5745	Ant2	-41.24	Pass
NVNT	n20	5825	Ant2	-41.35	Pass
NVNT	n40	5190	Ant2	-41.73	Pass
NVNT	n40	5230	Ant2	-41.56	Pass
NVNT	n40	5755	Ant2	-34.79	Pass
NVNT	n40	5795	Ant2	-42.14	Pass
NVNT	ac20	5180	Ant2	-41.07	Pass
NVNT	ac20	5240	Ant2	-41.99	Pass
NVNT	ac20	5745	Ant2	-41.42	Pass
NVNT	ac20	5825	Ant2	-41.89	Pass
NVNT	ac40	5190	Ant2	-40.99	Pass
NVNT	ac40	5230	Ant2	-42.17	Pass
NVNT	ac40	5755	Ant2	-39.27	Pass
NVNT	ac40	5795	Ant2	-41.1	Pass
NVNT	ac80	5775	Ant2	-37.4	Pass

Test Graphs

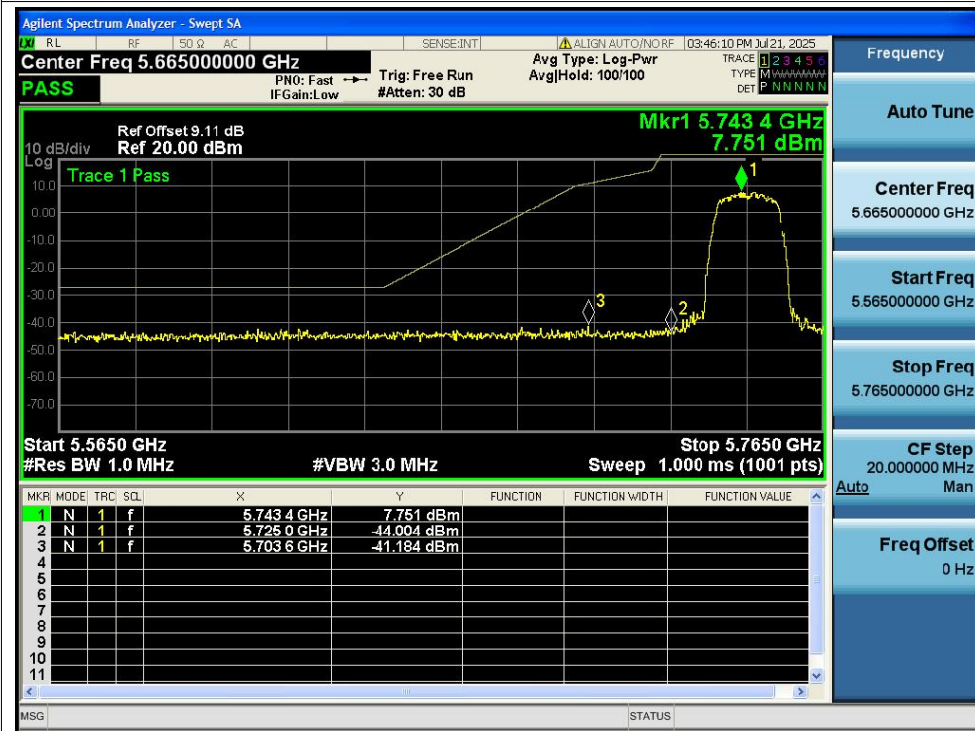
Band Edge NVNT a 5180MHz Low Ant2



Band Edge NVNT a 5240MHz High Ant2



Band Edge NVNT a 5745MHz Low Ant2



Band Edge NVNT a 5825MHz High Ant2

