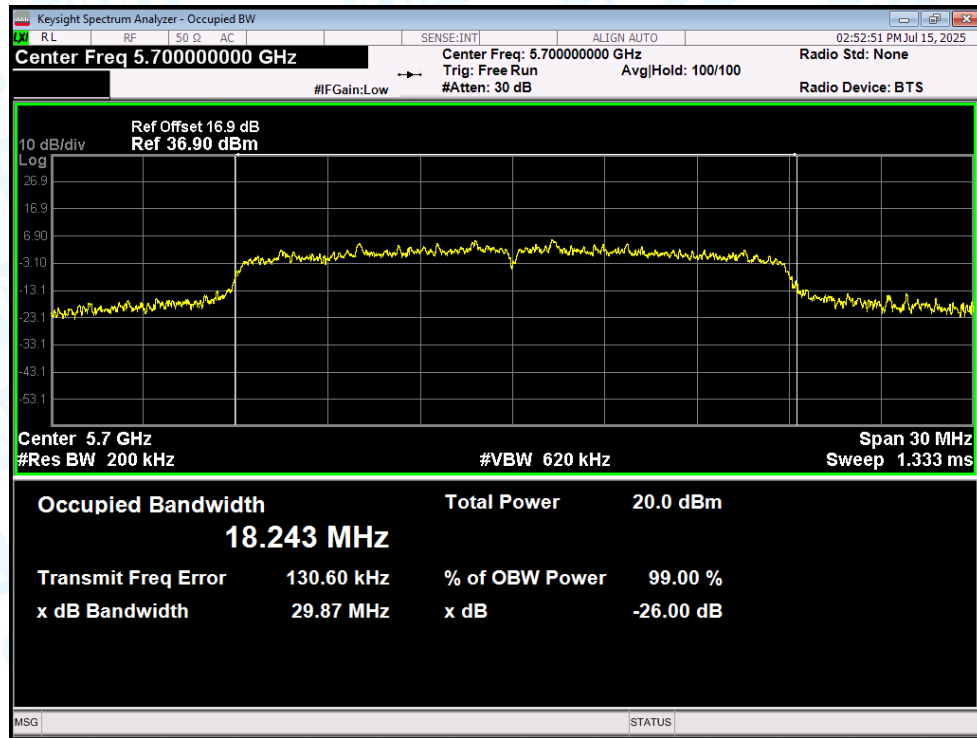
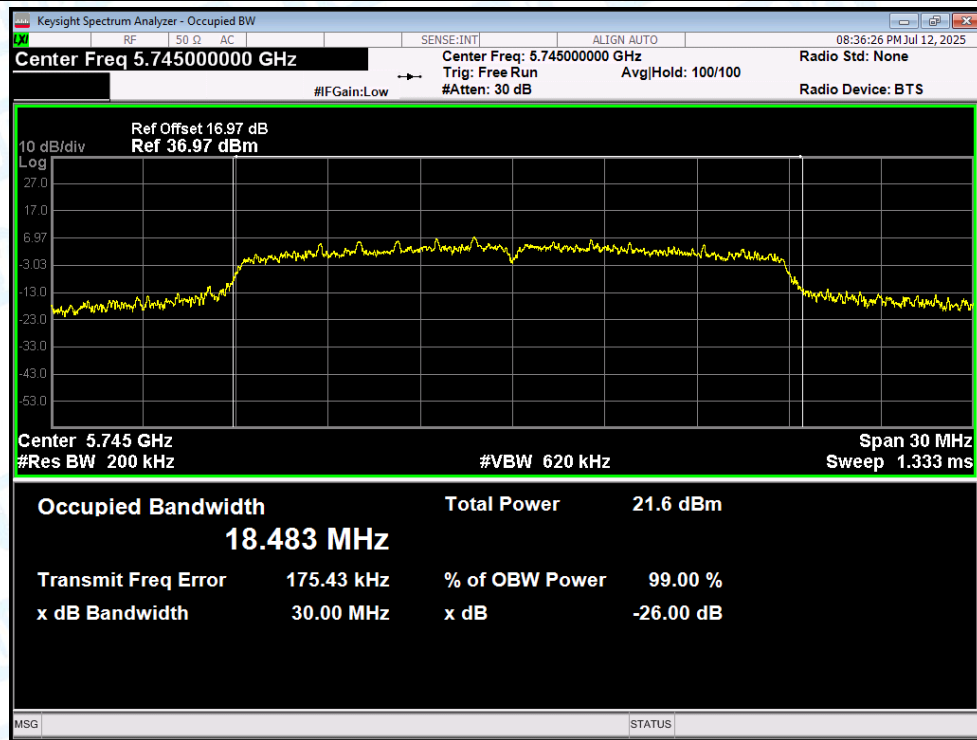


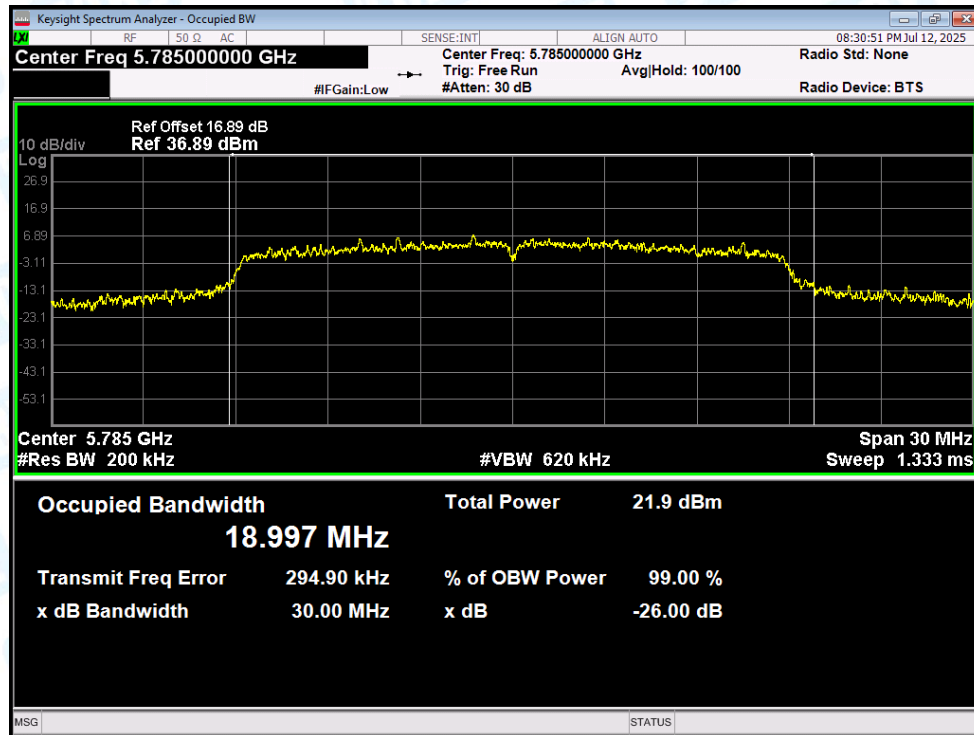
OBW NVNT ac(VHT20) 5700MHz Ant1



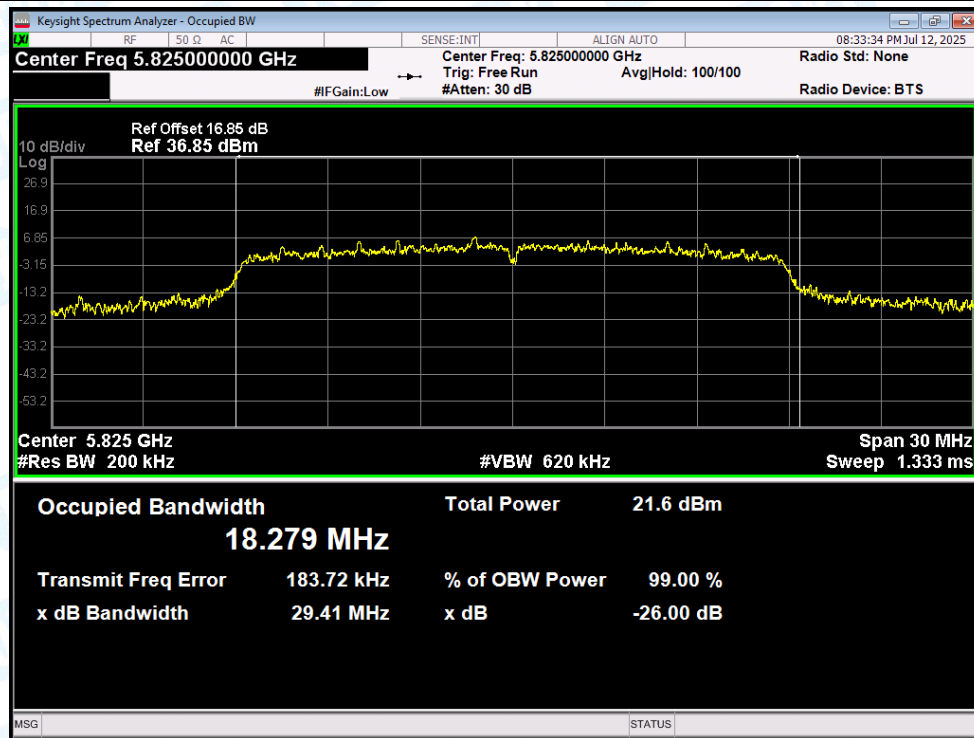
OBW NVNT ac(VHT20) 5745MHz Ant1



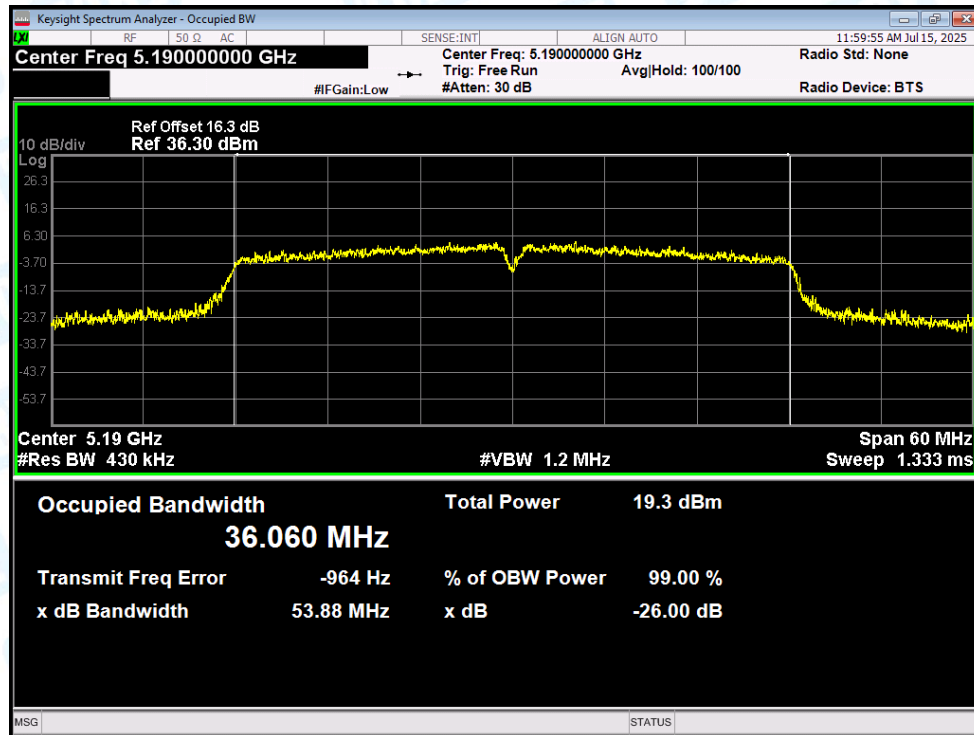
OBW NVNT ac(VHT20) 5785MHz Ant1



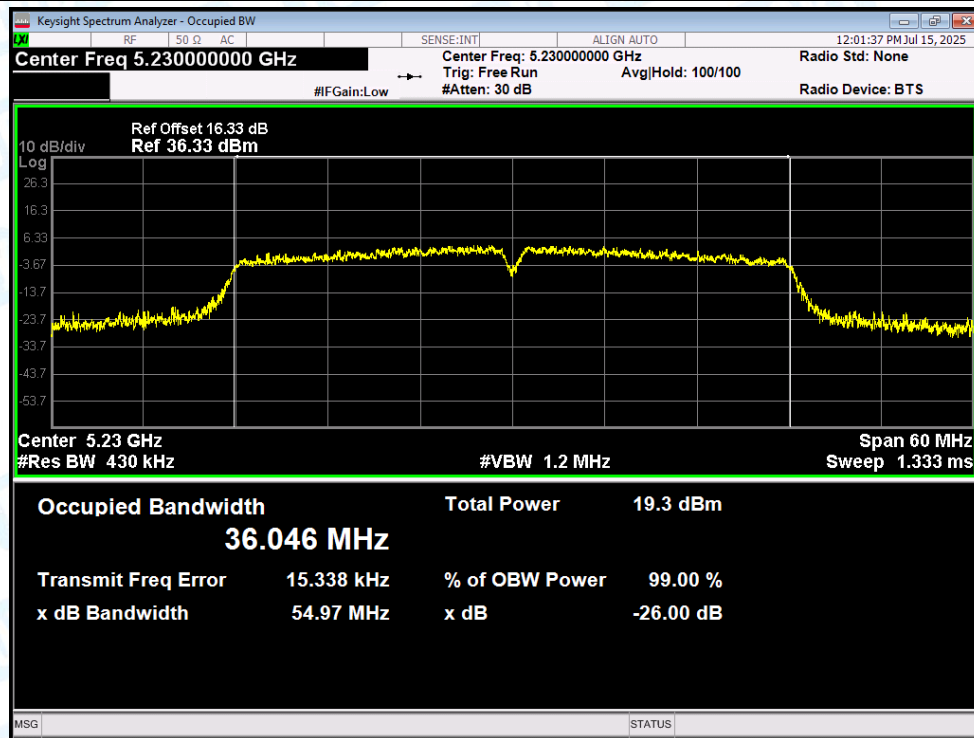
OBW NVNT ac(VHT20) 5825MHz Ant1



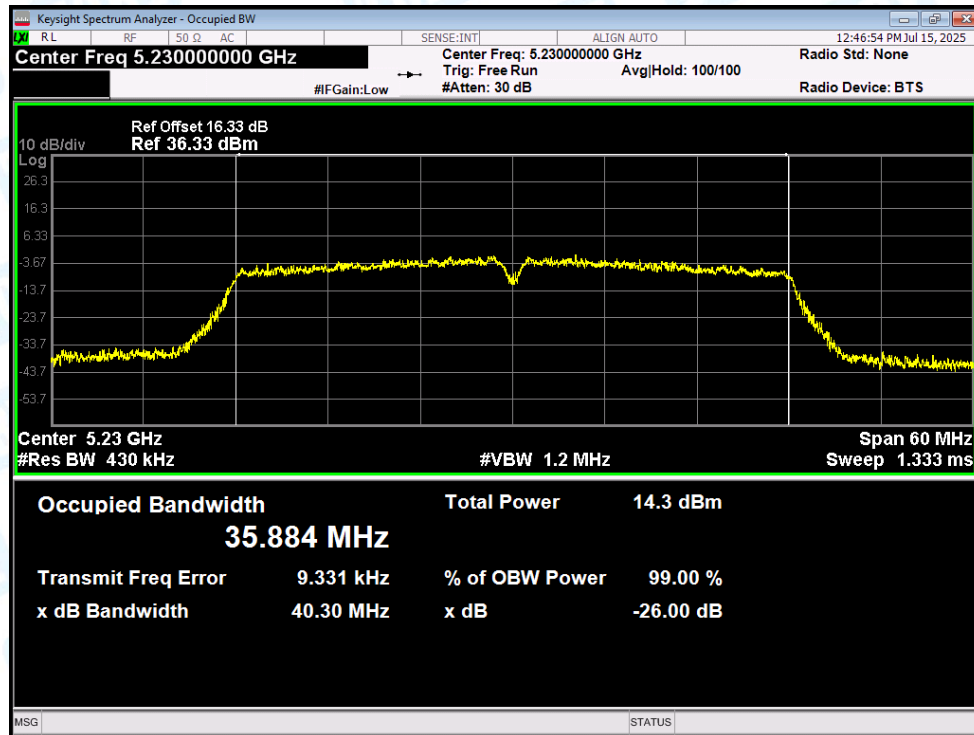
OBW NVNT ac(VHT40) 5190MHz Ant1



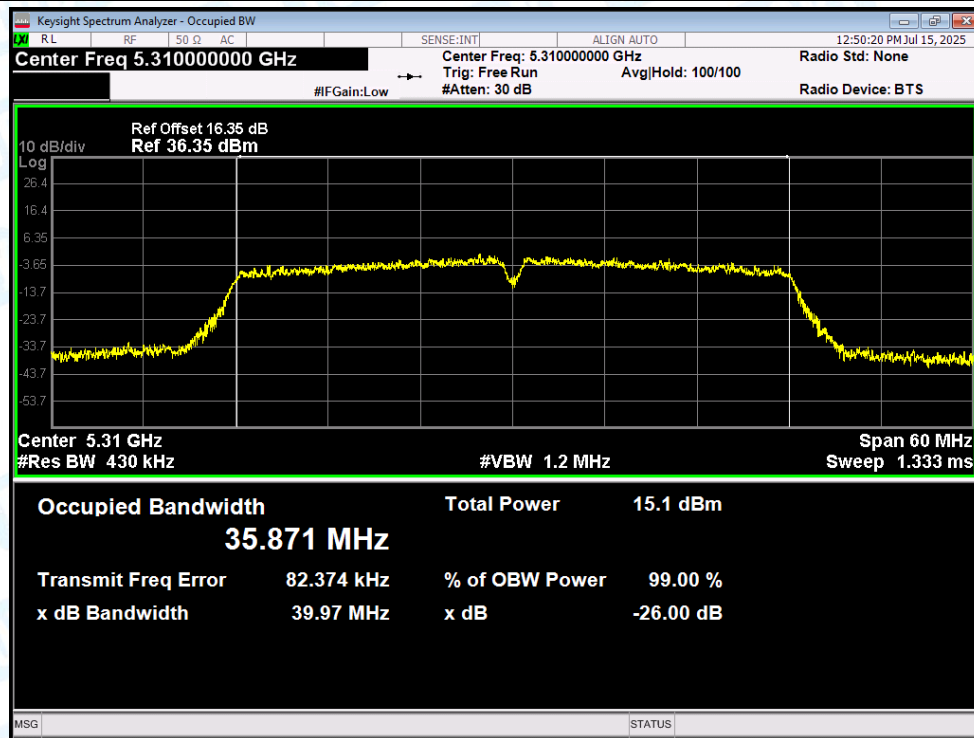
OBW NVNT ac(VHT40) 5230MHz Ant1



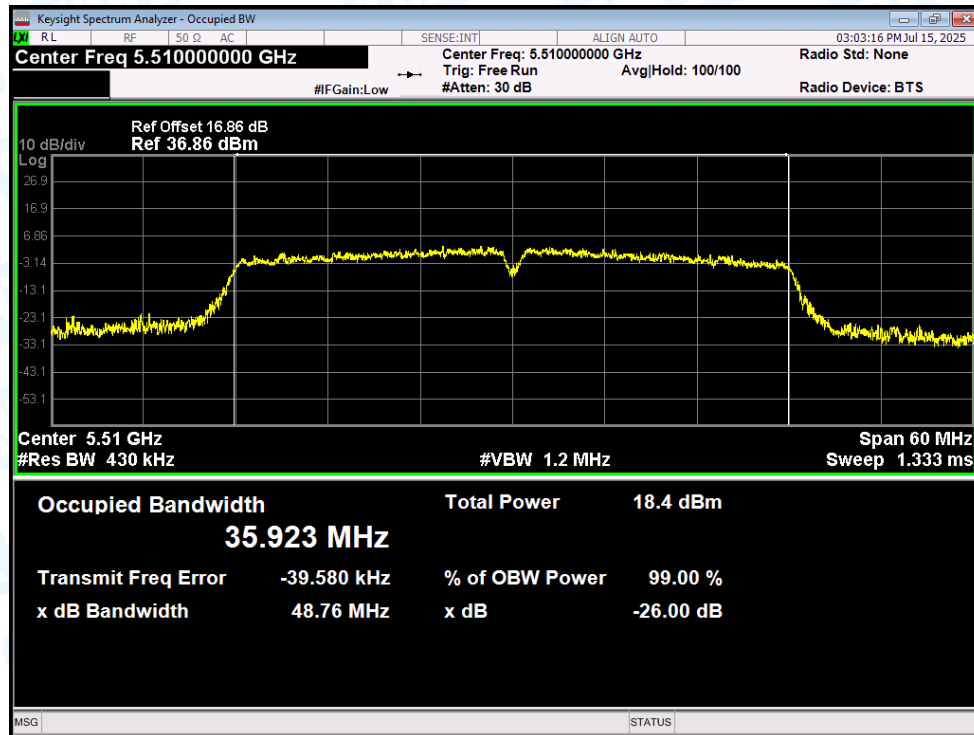
OBW NVNT ac(VHT40) 5230MHz Ant1



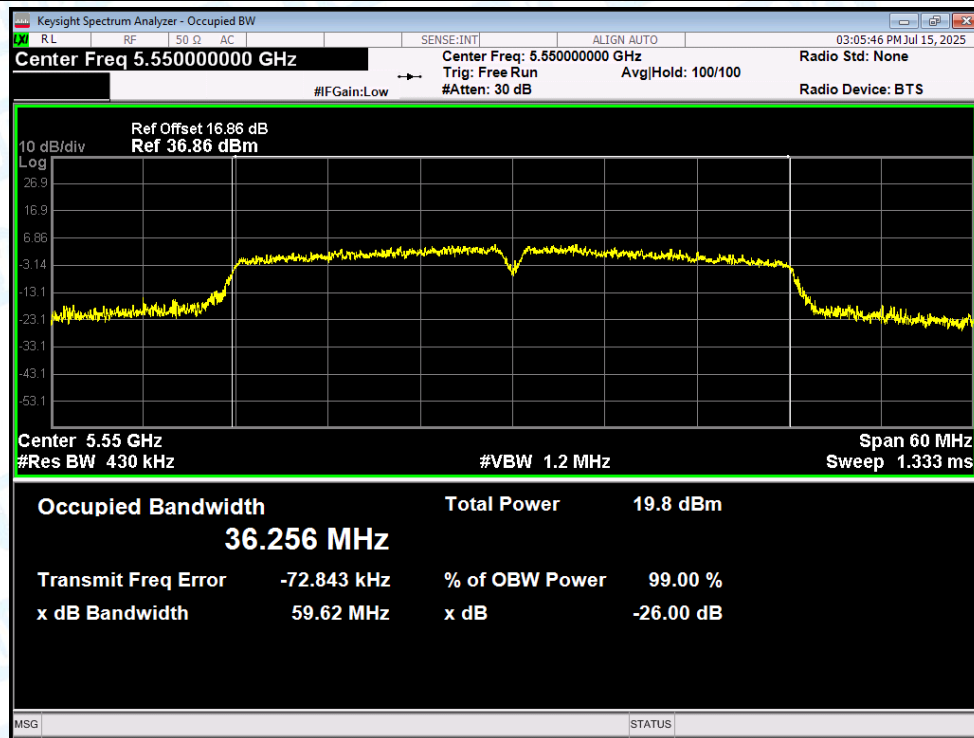
OBW NVNT ac(VHT40) 5310MHz Ant1



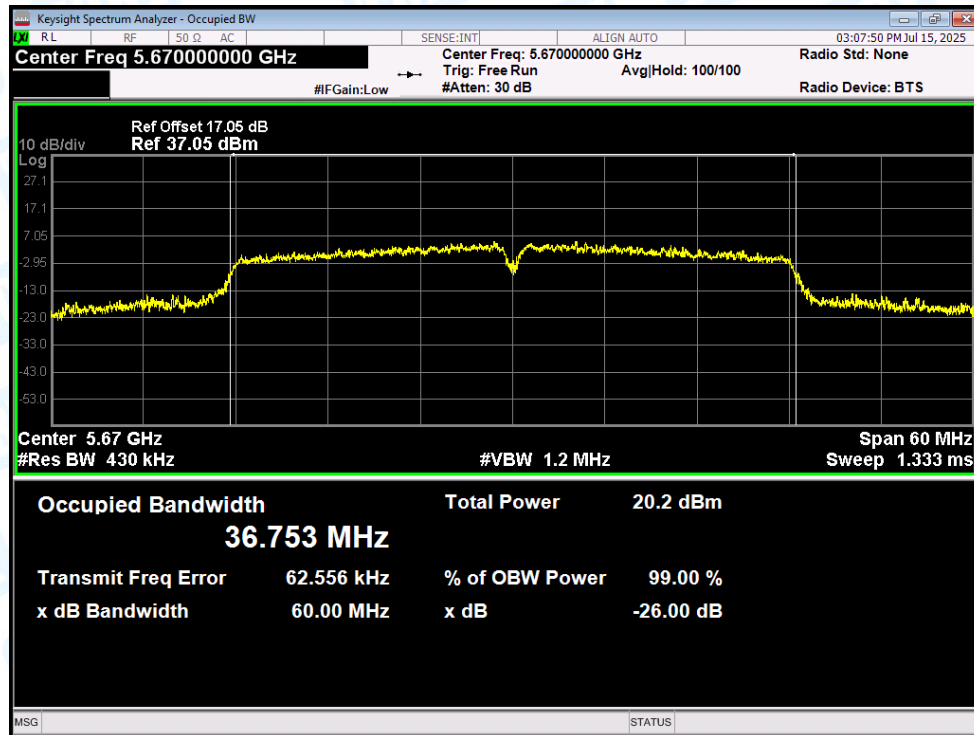
OBW NVNT ac(VHT40) 5510MHz Ant1



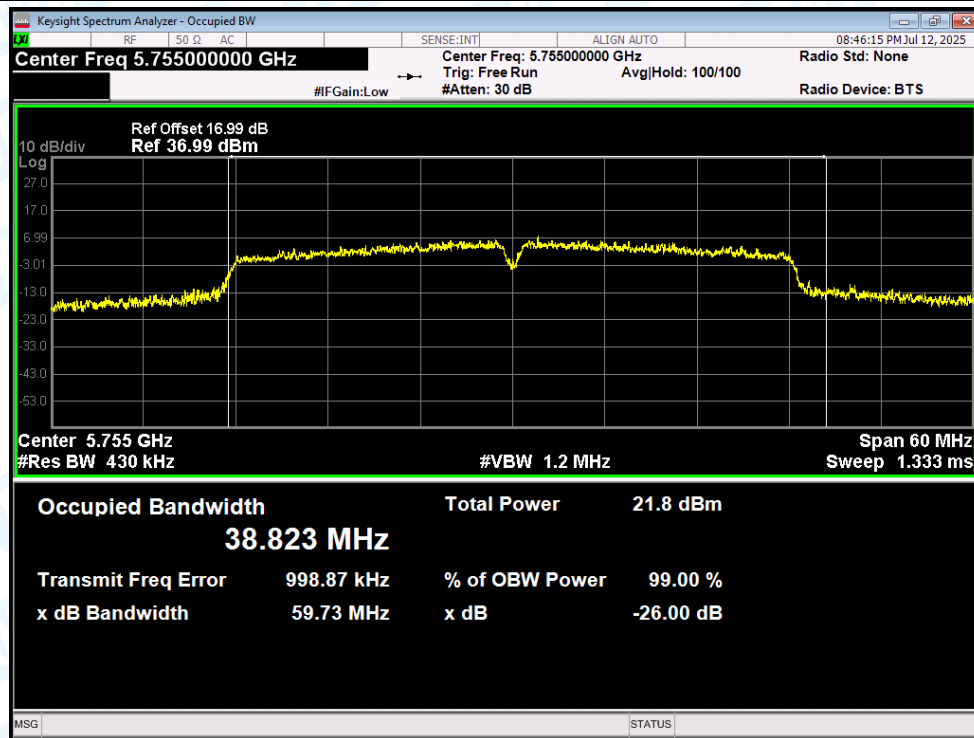
OBW NVNT ac(VHT40) 5550MHz Ant1



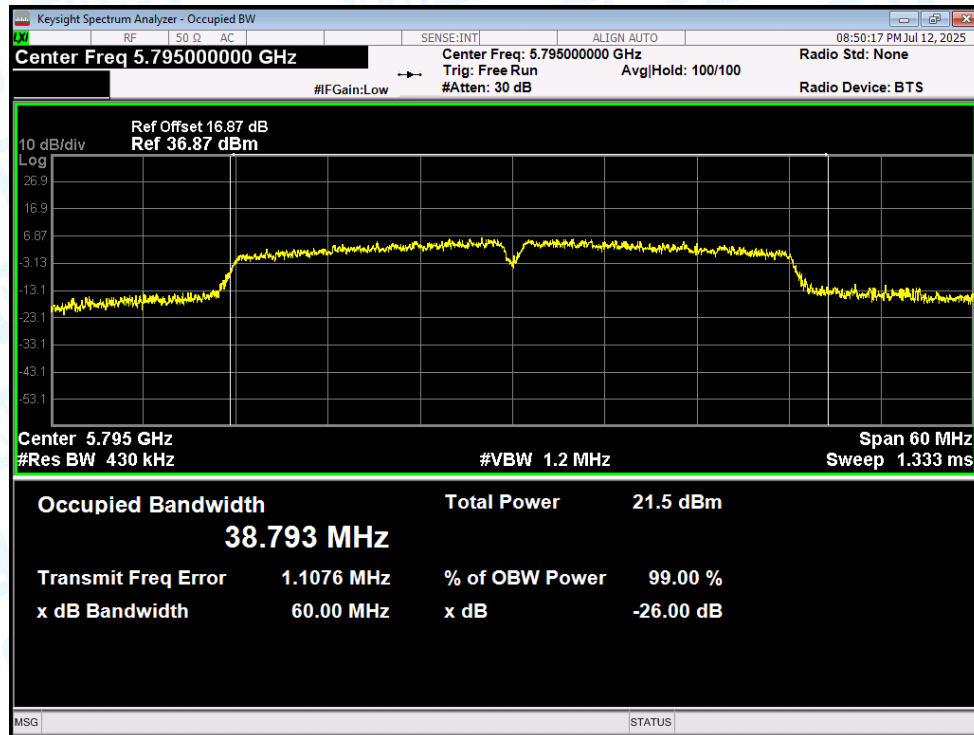
OBW NVNT ac(VHT40) 5670MHz Ant1



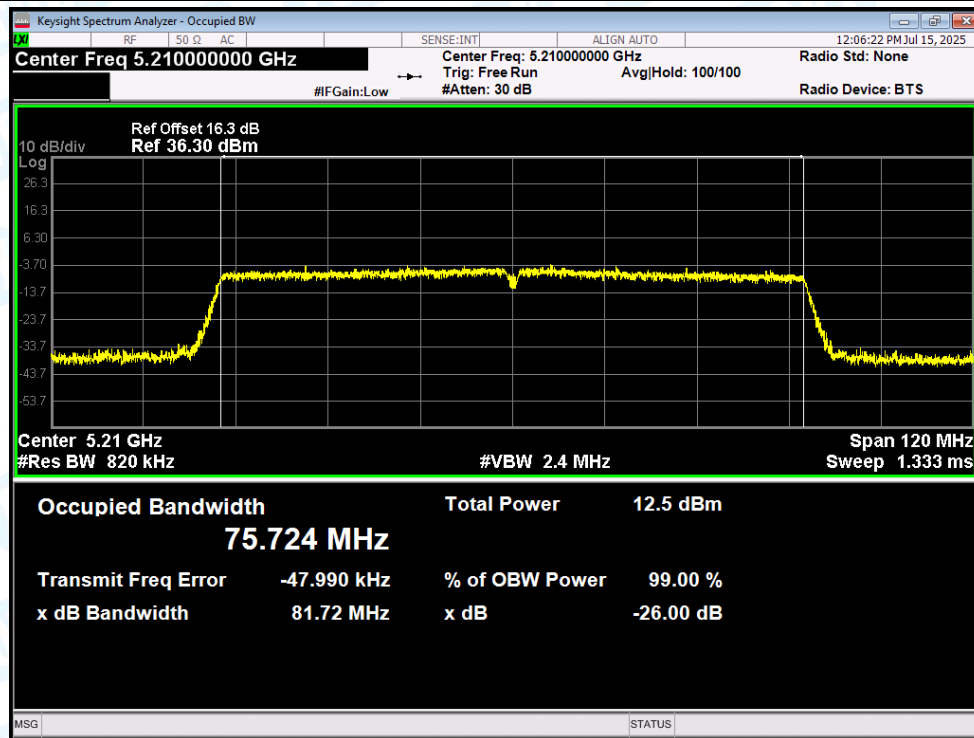
OBW NVNT ac(VHT40) 5755MHz Ant1



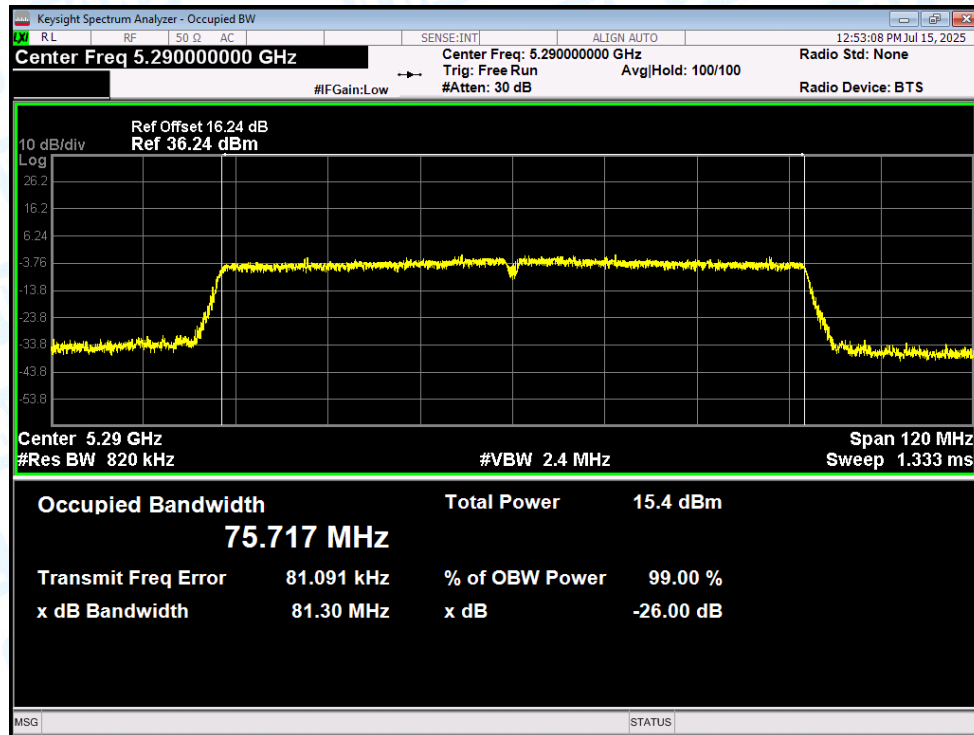
OBW NVNT ac(VHT40) 5795MHz Ant1



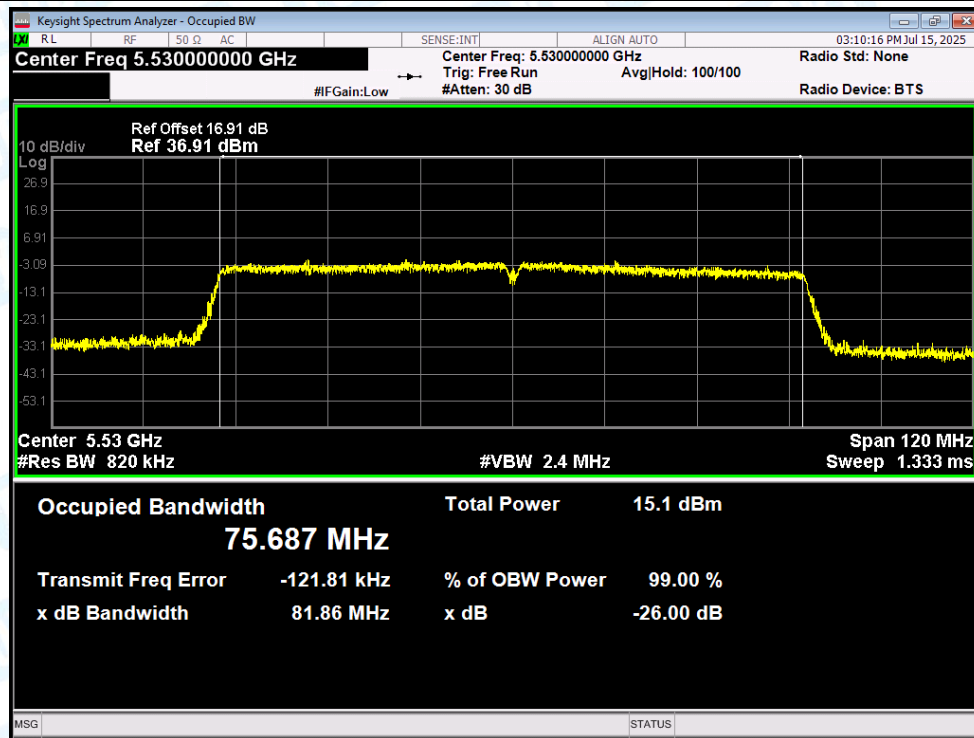
OBW NVNT ac(VHT80) 5210MHz Ant1



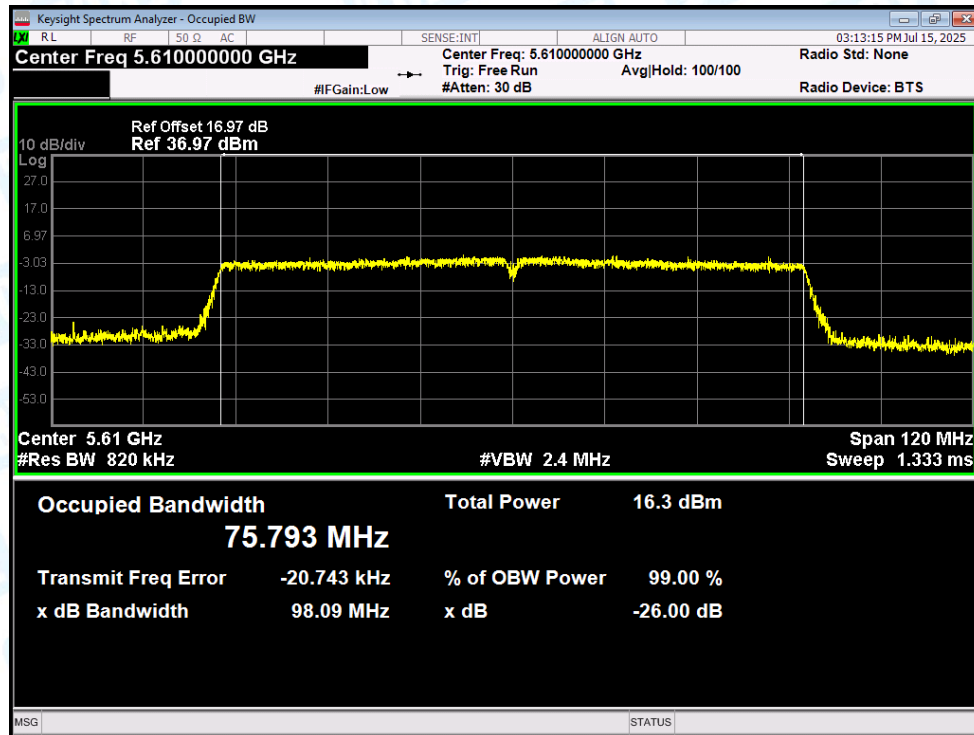
OBW NVNT ac(VHT80) 5290MHz Ant1



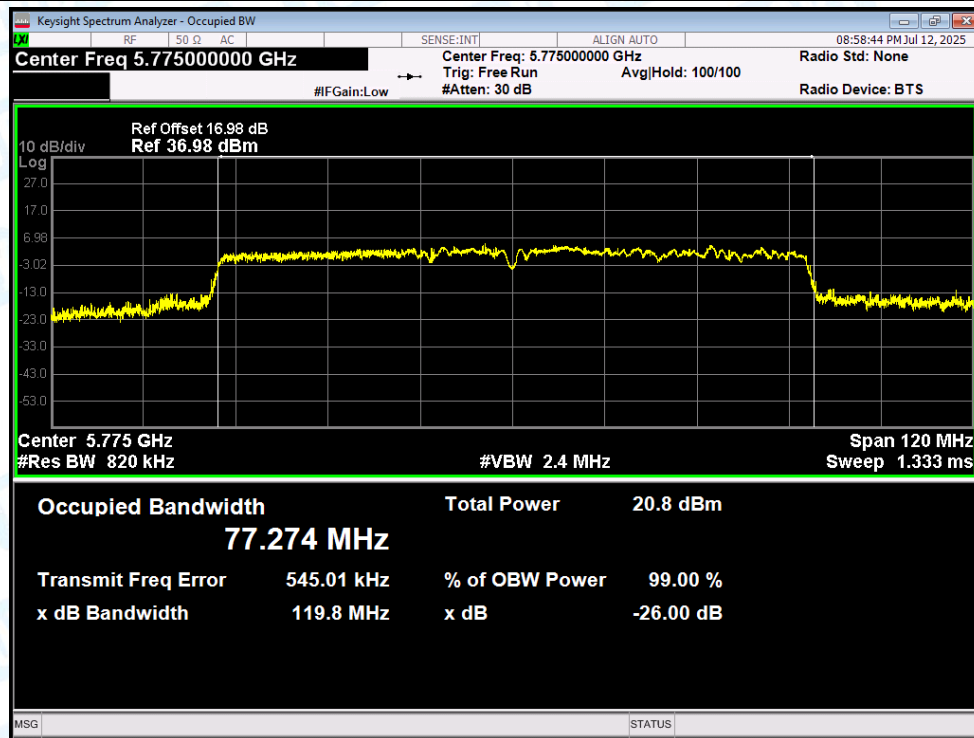
OBW NVNT ac(VHT80) 5530MHz Ant1



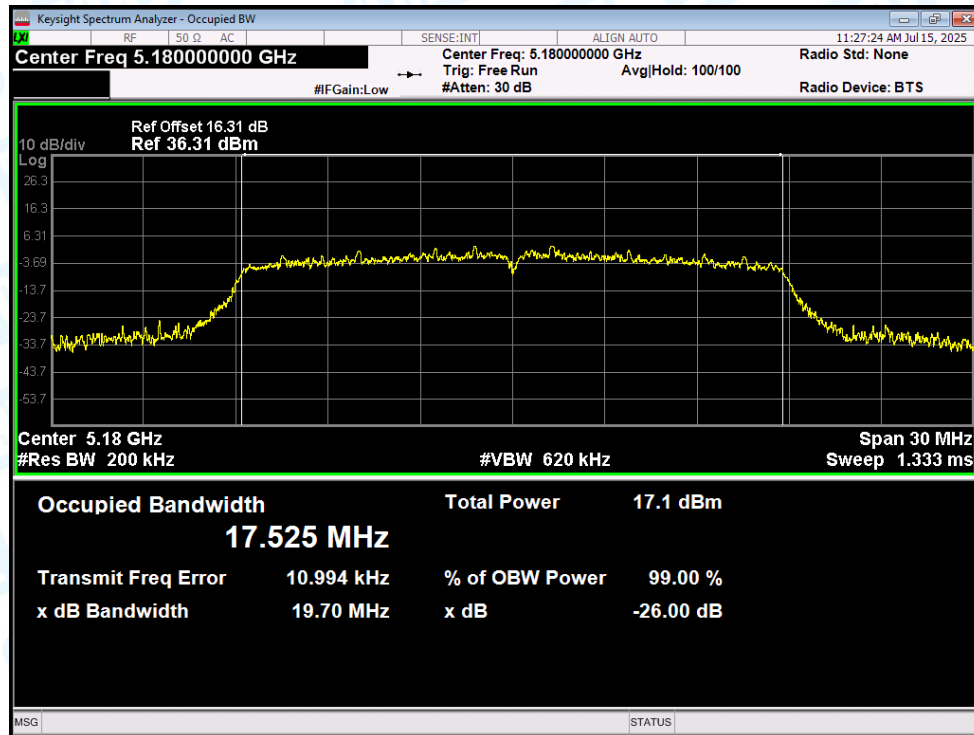
OBW NVNT ac(VHT80) 5610MHz Ant1



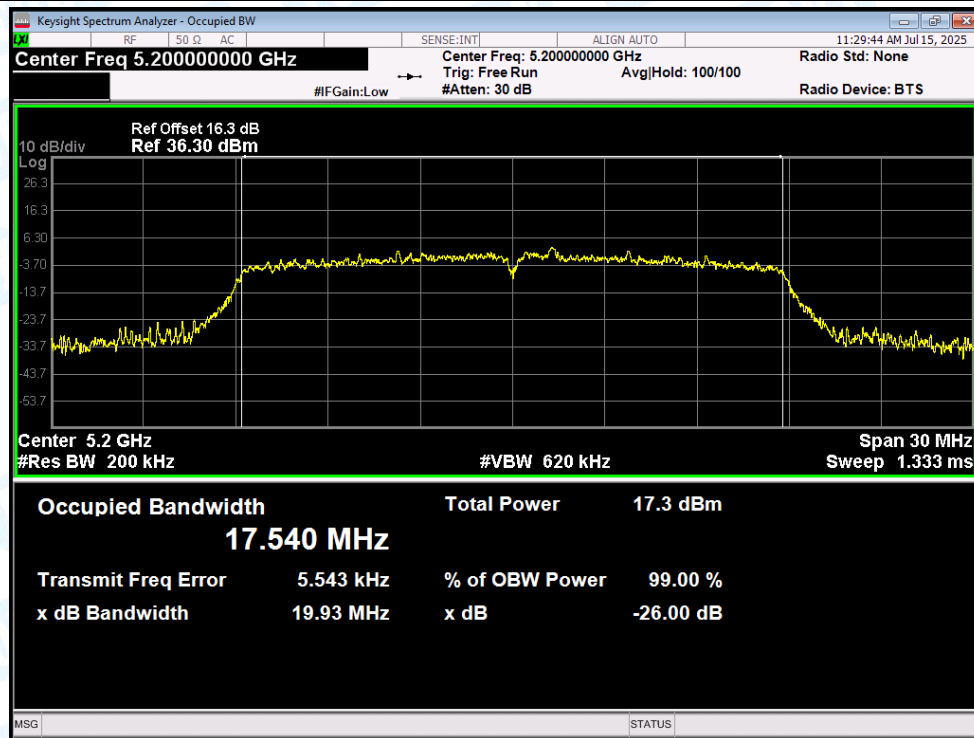
OBW NVNT ac(VHT80) 5775MHz Ant1



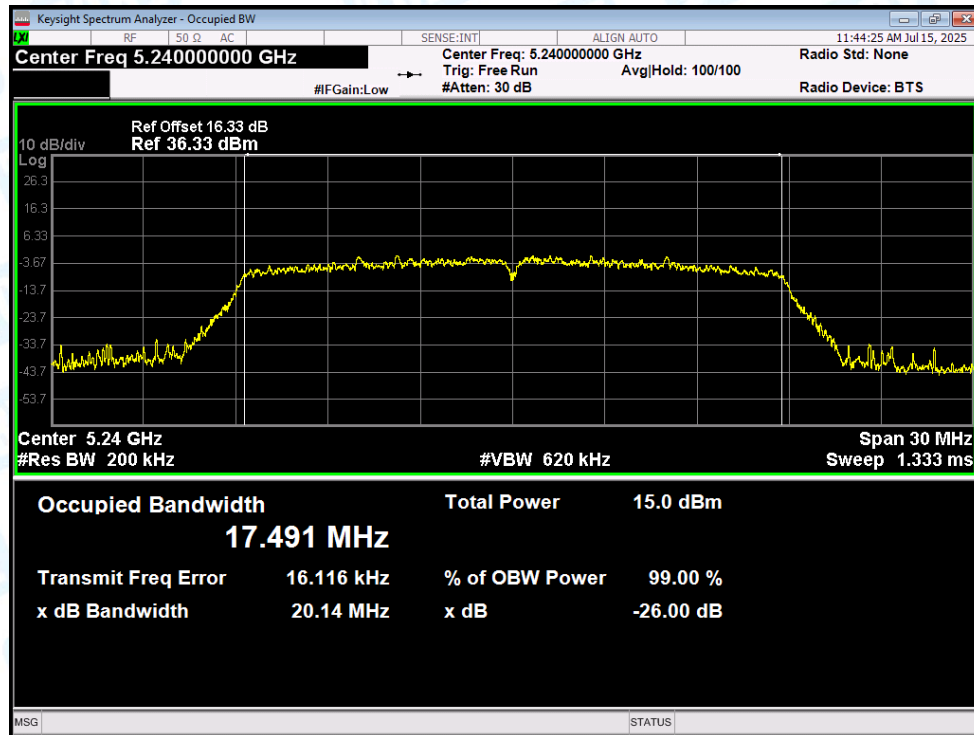
OBW NVNT n(HT20) 5180MHz Ant1



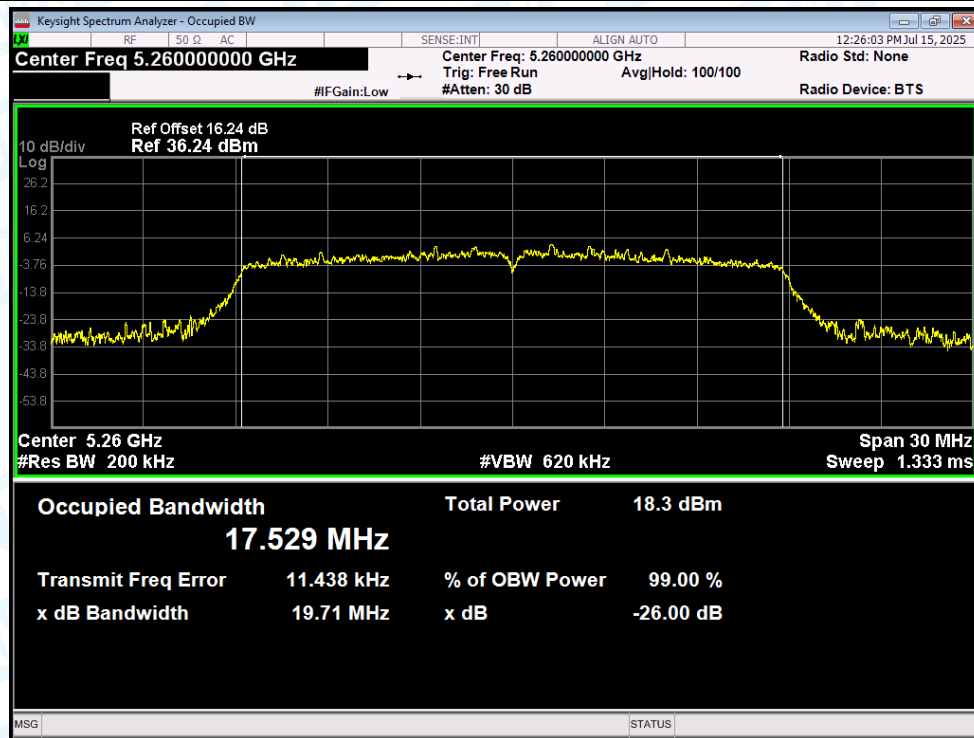
OBW NVNT n(HT20) 5200MHz Ant1



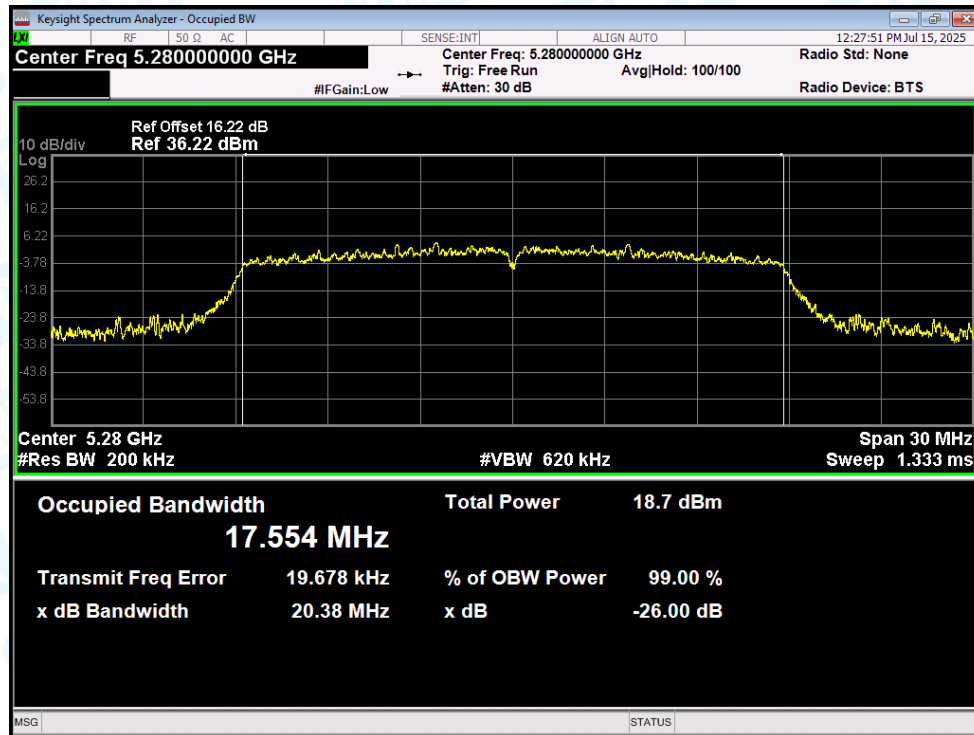
OBW NVNT n(HT20) 5240MHz Ant1



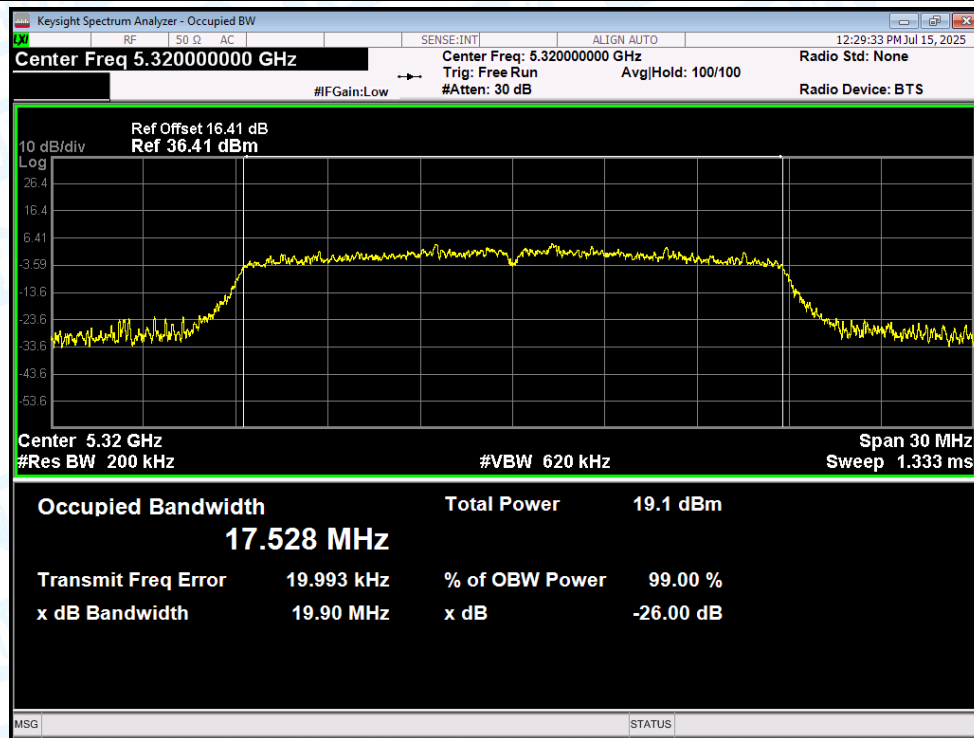
OBW NVNT n(HT20) 5260MHz Ant1



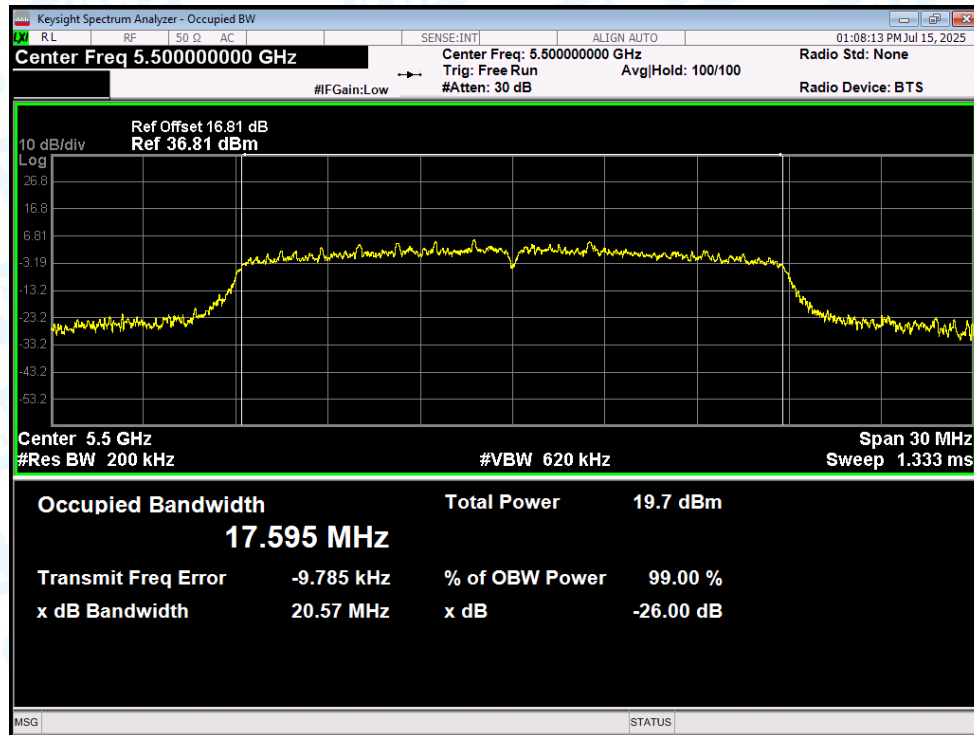
OBW NVNT n(HT20) 5280MHz Ant1



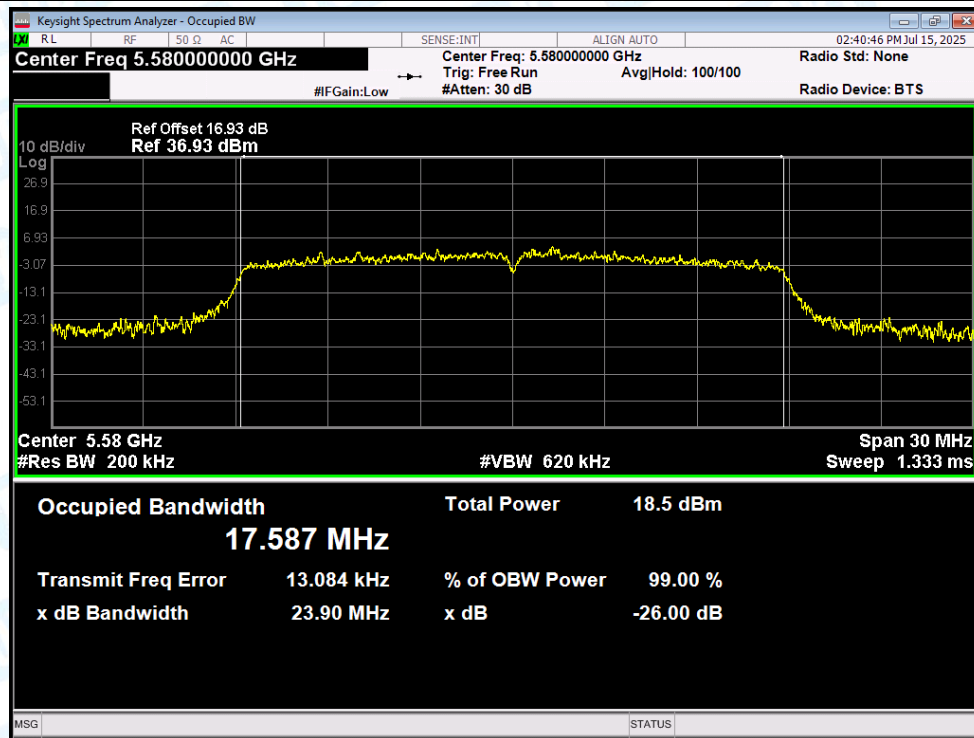
OBW NVNT n(HT20) 5320MHz Ant1



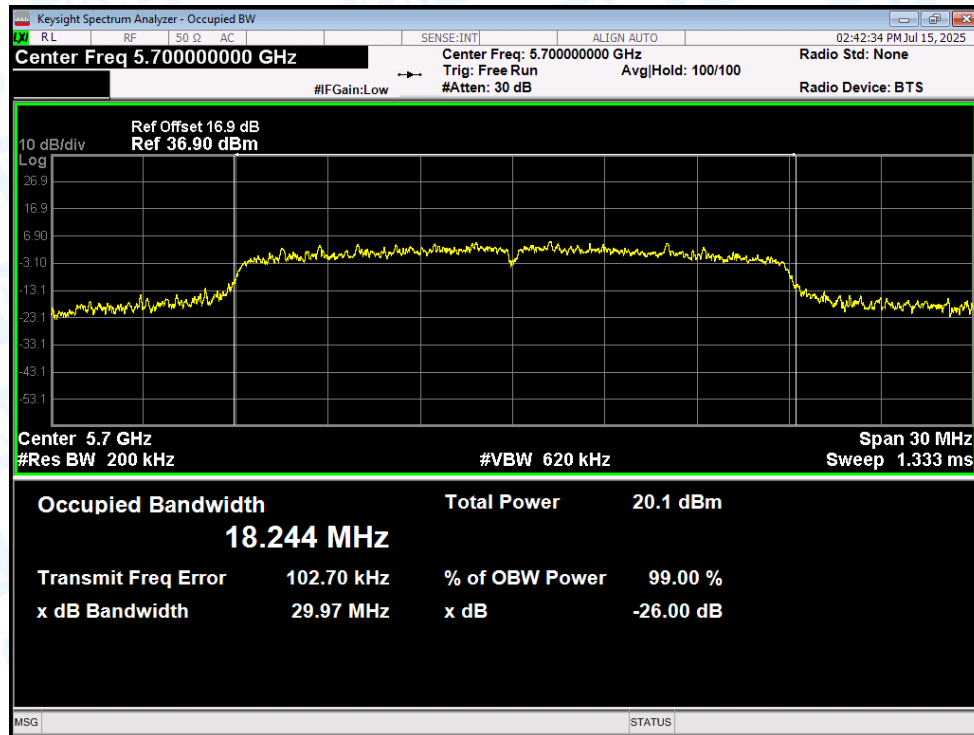
OBW NVNT n(HT20) 5500MHz Ant1



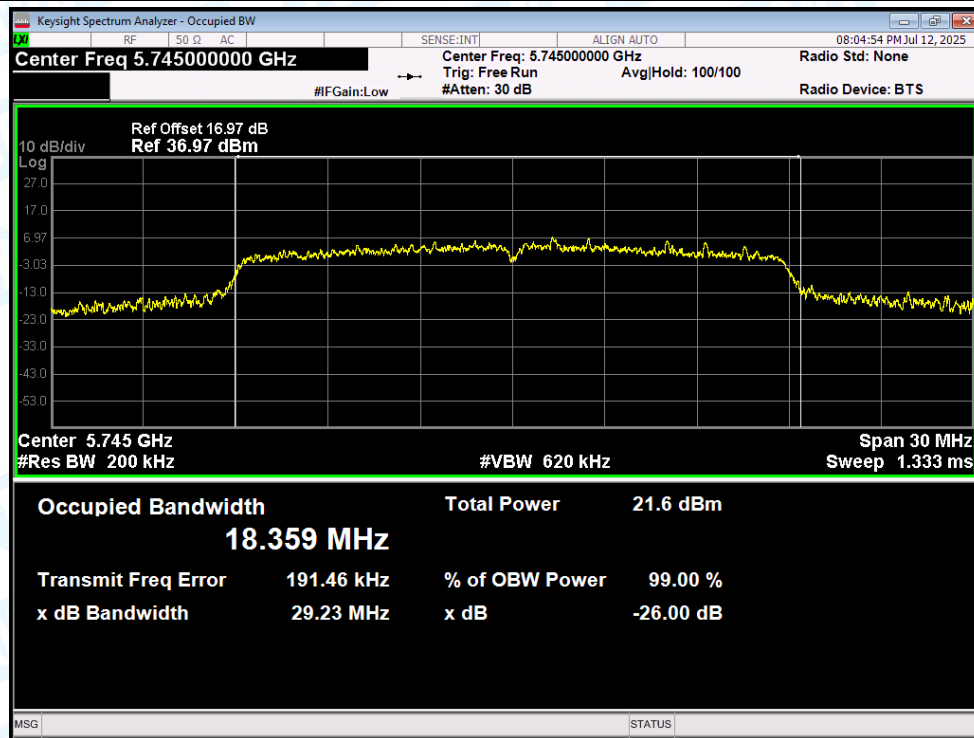
OBW NVNT n(HT20) 5580MHz Ant1



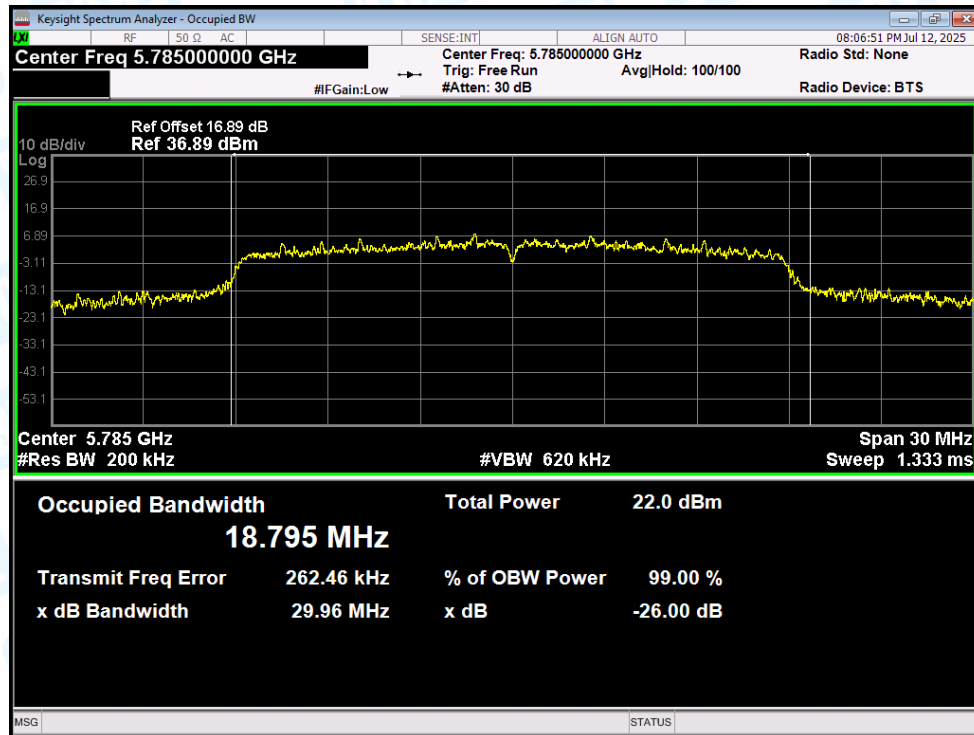
OBW NVNT n(HT20) 5700MHz Ant1



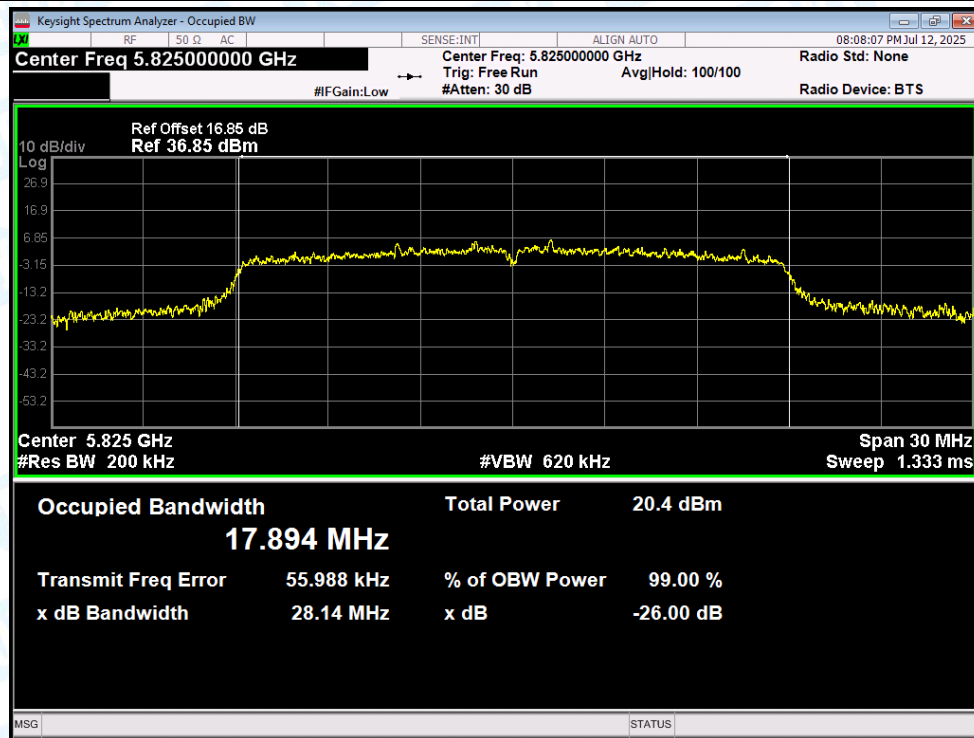
OBW NVNT n(HT20) 5745MHz Ant1



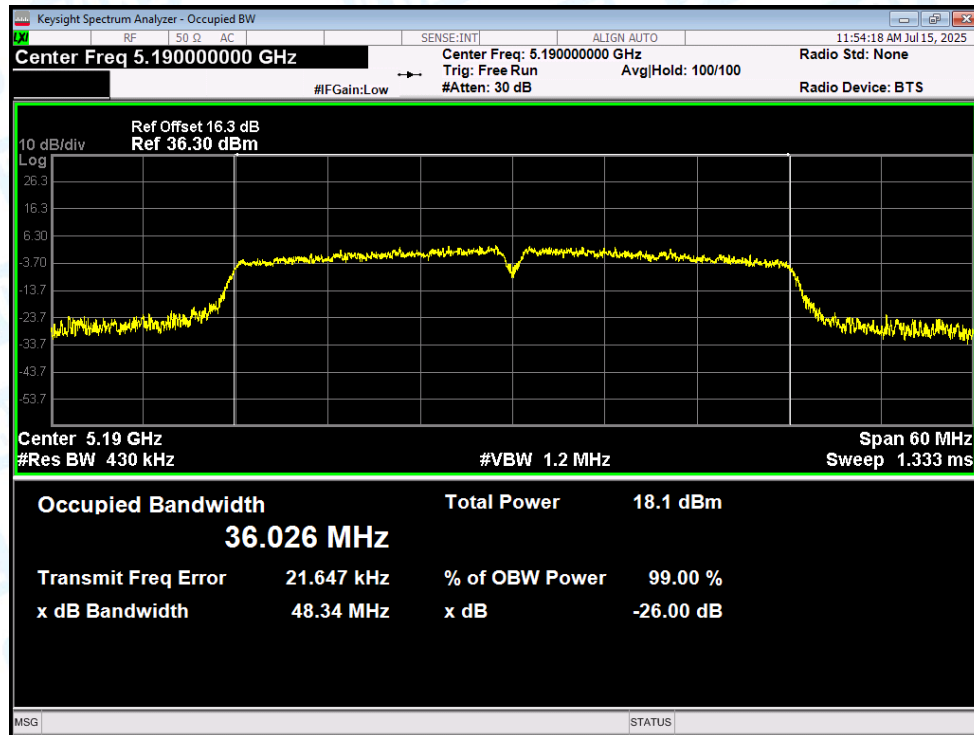
OBW NVNT n(HT20) 5785MHz Ant1



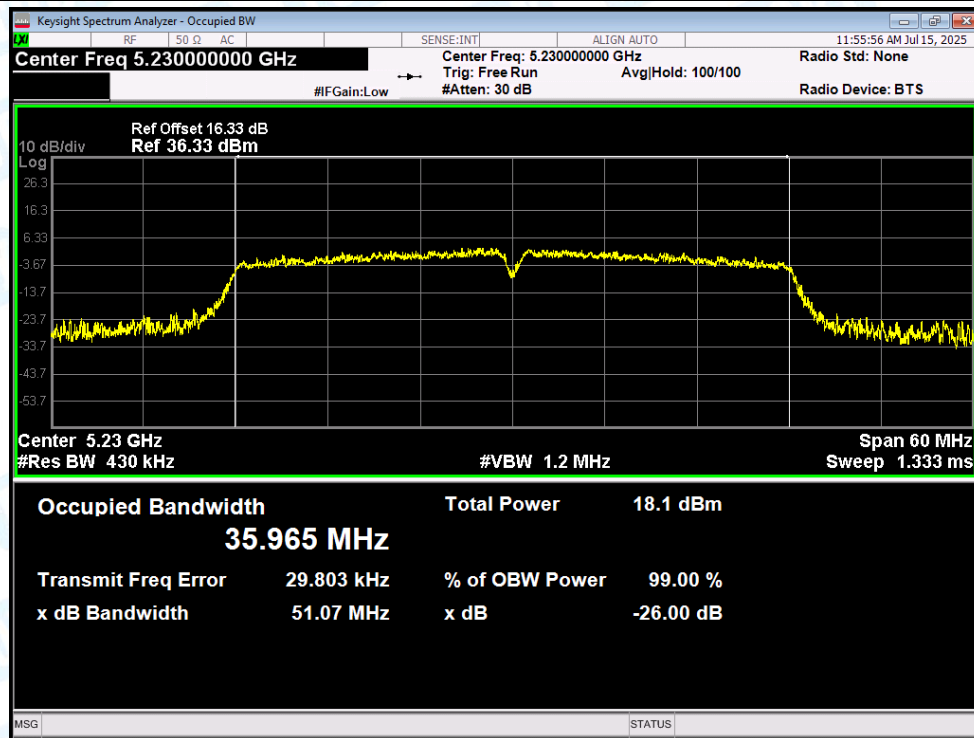
OBW NVNT n(HT20) 5825MHz Ant1



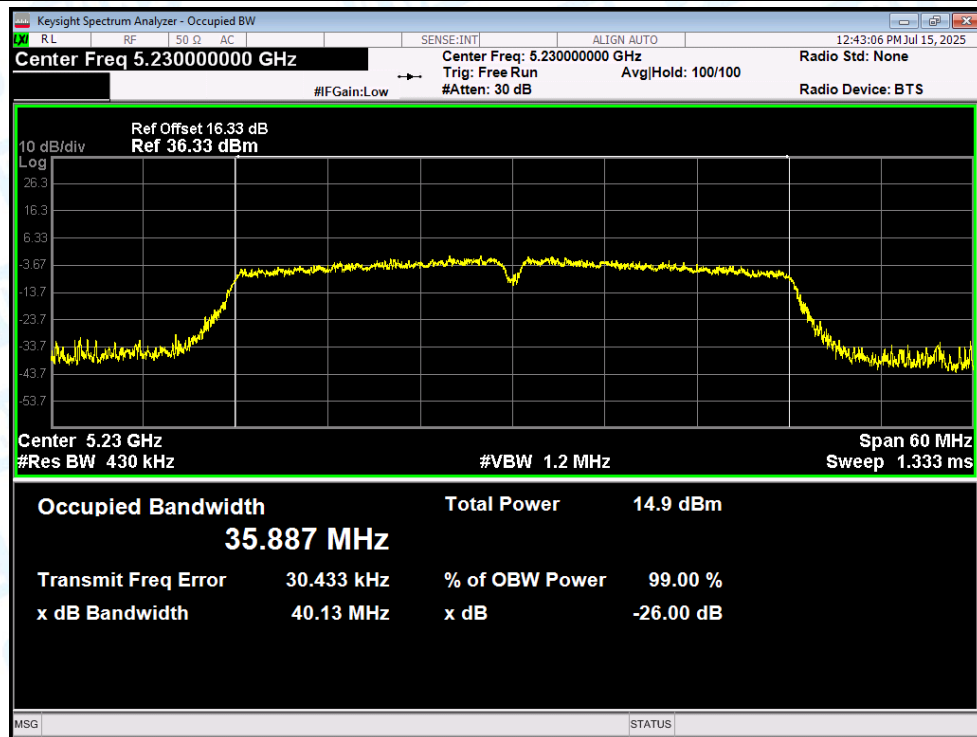
OBW NVNT n(HT40) 5190MHz Ant1



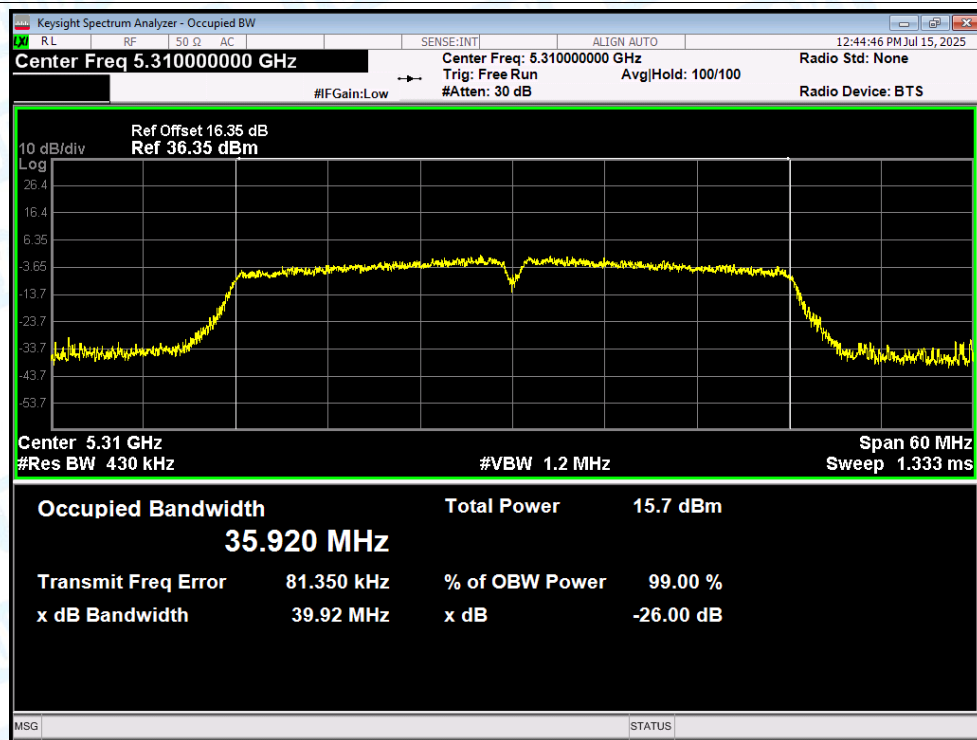
OBW NVNT n(HT40) 5230MHz Ant1



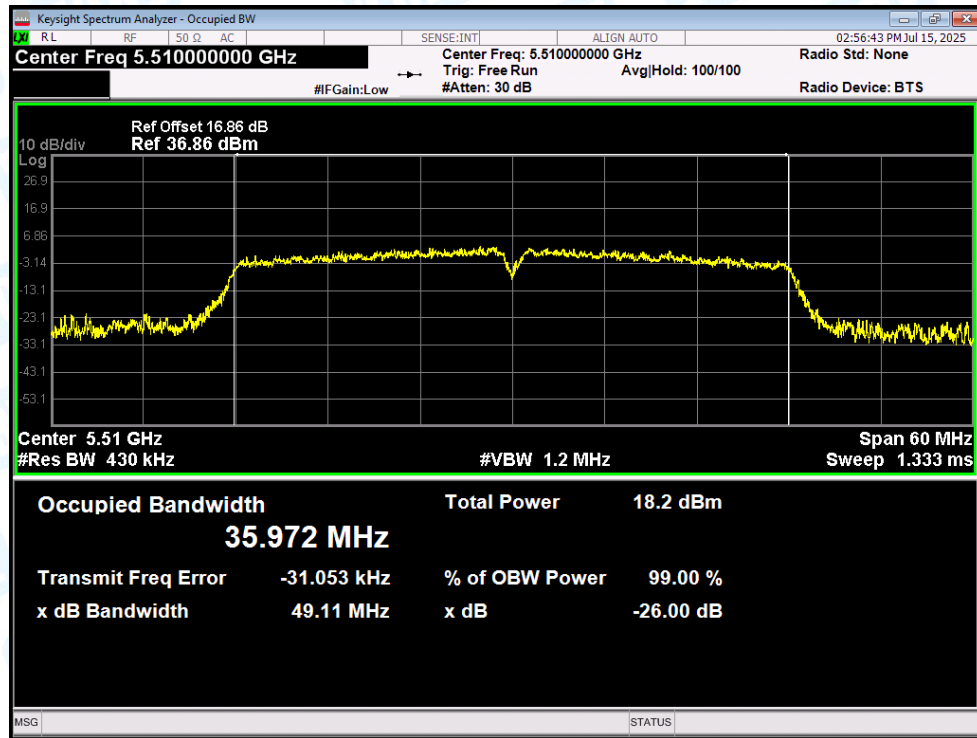
OBW NVNT n(HT40) 5230MHz Ant1



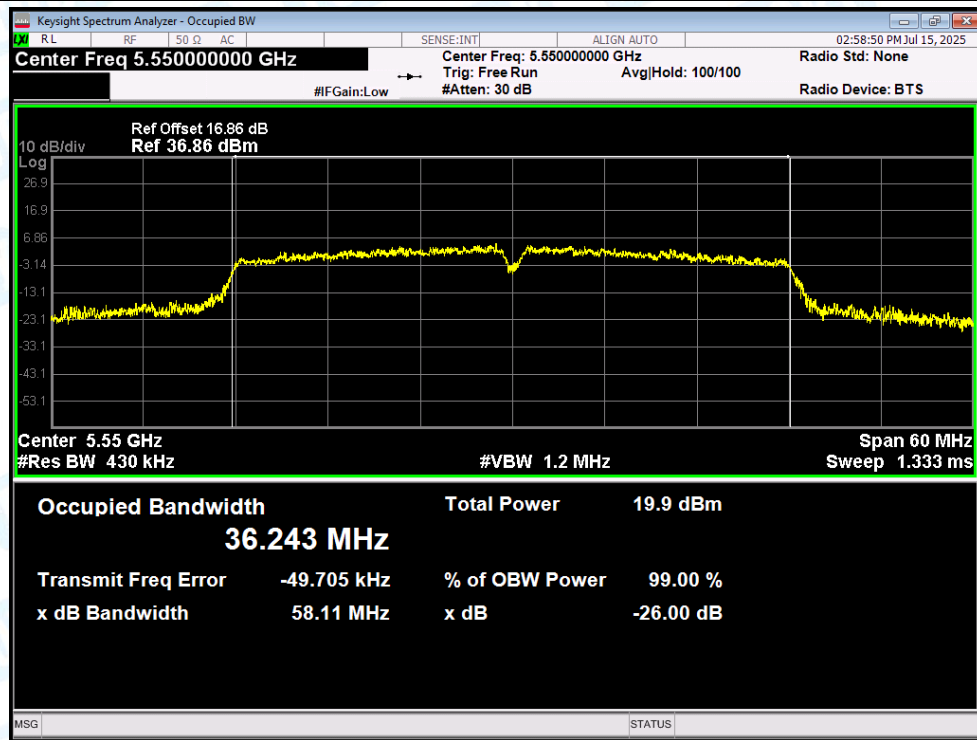
OBW NVNT n(HT40) 5310MHz Ant1



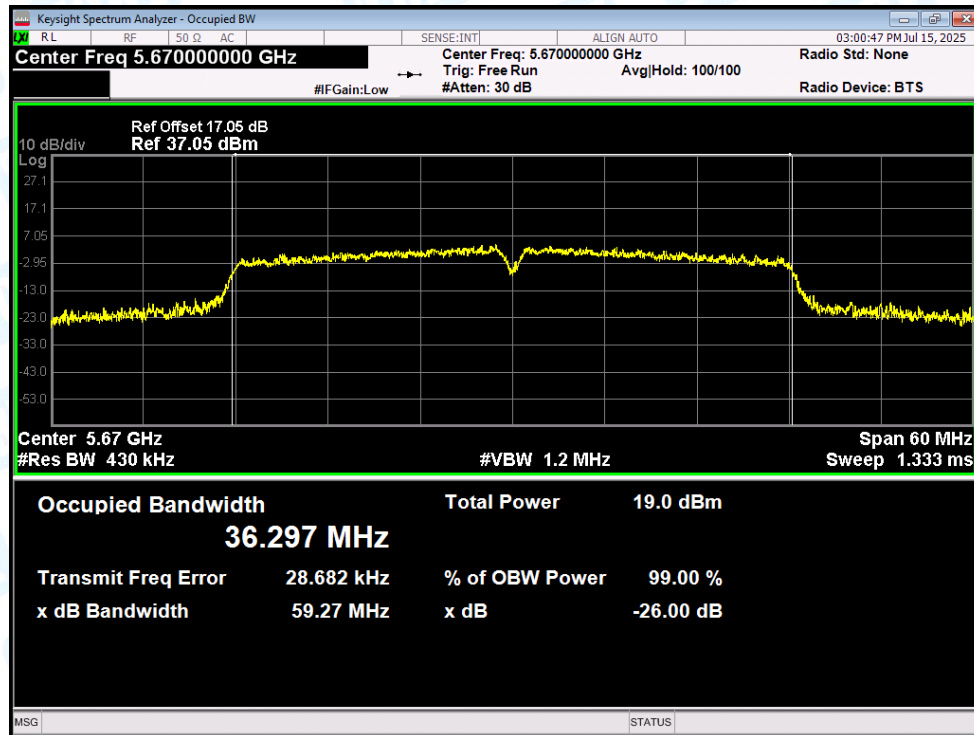
OBW NVNT n(HT40) 5510MHz Ant1



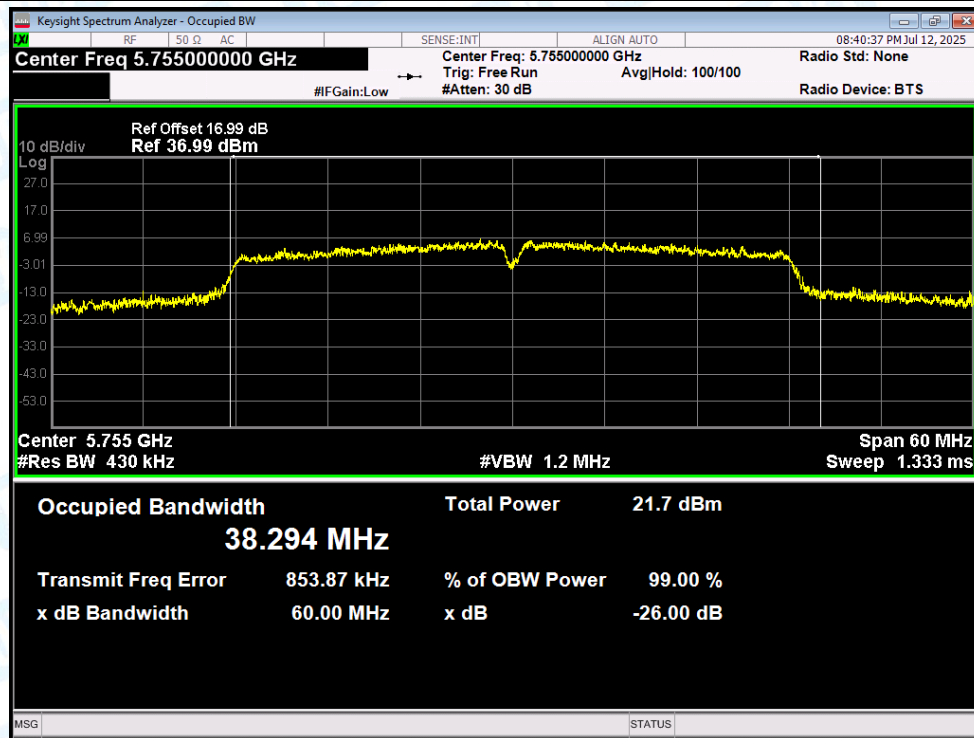
OBW NVNT n(HT40) 5550MHz Ant1

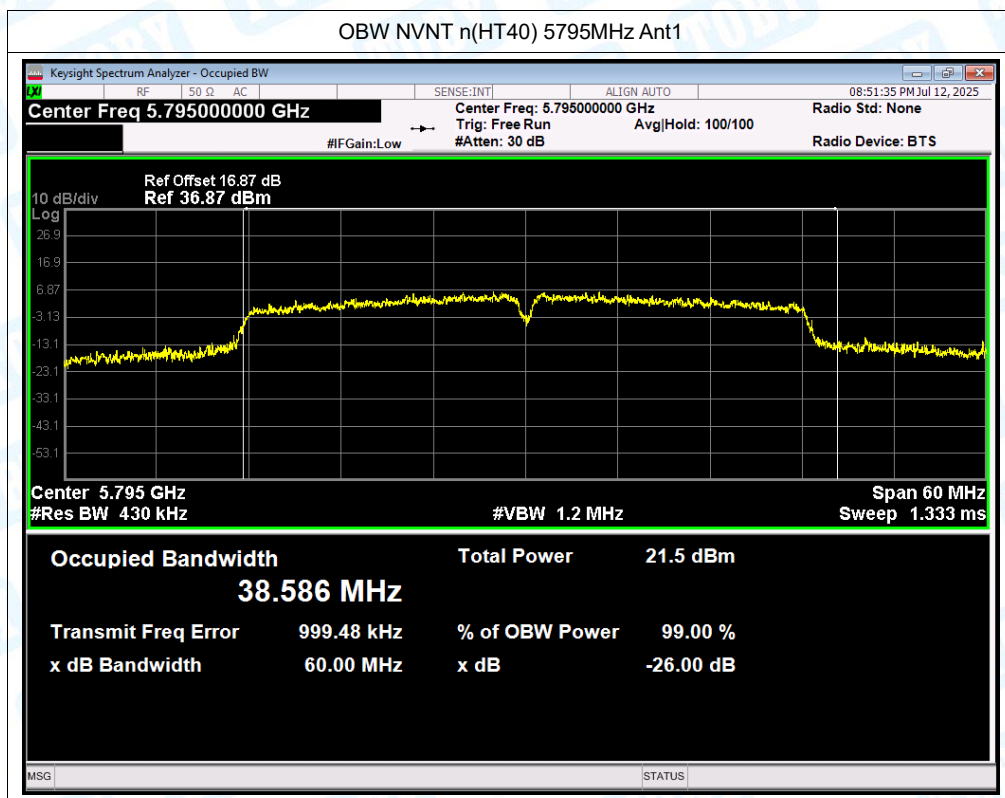


OBW NVNT n(HT40) 5670MHz Ant1



OBW NVNT n(HT40) 5755MHz Ant1





5. Maximum Power Spectral Density Level

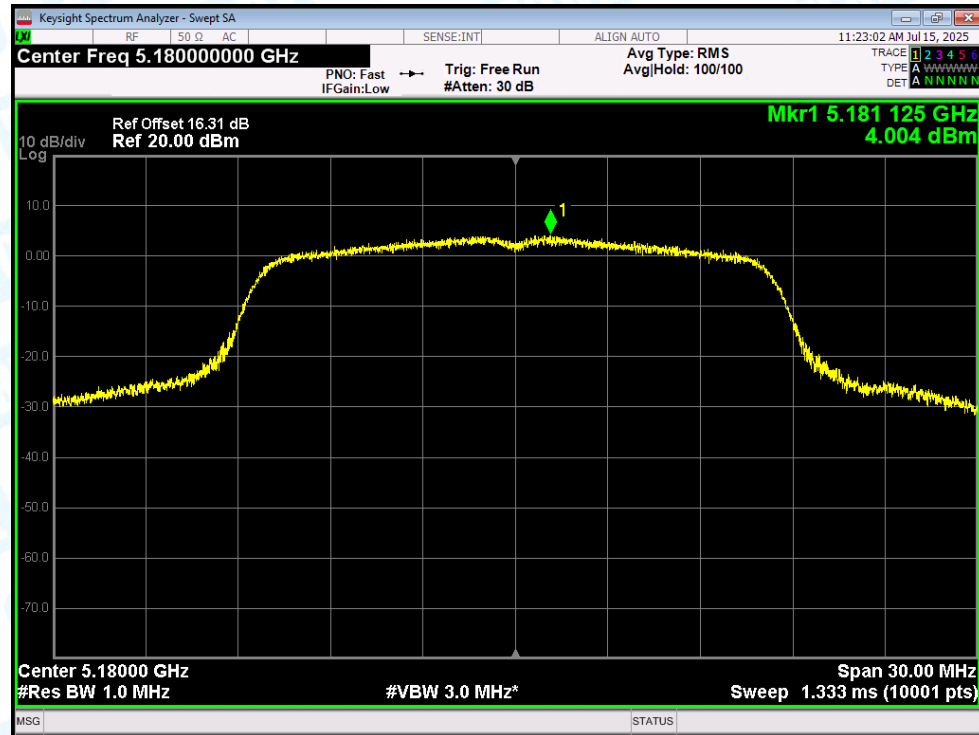
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	4.004	11	Pass
NVNT	a	5240	Ant1	2.881	11	Pass
NVNT	a	5260	Ant1	3.359	11	Pass
NVNT	a	5280	Ant1	2.605	11	Pass
NVNT	a	5320	Ant1	3.115	11	Pass
NVNT	a	5500	Ant1	4.875	11	Pass
NVNT	a	5580	Ant1	3.67	11	Pass
NVNT	a	5700	Ant1	3.148	11	Pass
NVNT	a	5745	Ant1	3.744	30	Pass
NVNT	a	5785	Ant1	4.177	30	Pass
NVNT	a	5825	Ant1	3.638	30	Pass
NVNT	ac(VHT20)	5180	Ant1	2.162	11	Pass
NVNT	ac(VHT20)	5240	Ant1	2.334	11	Pass
NVNT	ac(VHT20)	5260	Ant1	2.016	11	Pass
NVNT	ac(VHT20)	5280	Ant1	2.39	11	Pass
NVNT	ac(VHT20)	5320	Ant1	4.79	11	Pass
NVNT	ac(VHT20)	5500	Ant1	4.203	11	Pass
NVNT	ac(VHT20)	5580	Ant1	5.824	11	Pass
NVNT	ac(VHT20)	5700	Ant1	4.907	11	Pass
NVNT	ac(VHT20)	5745	Ant1	-1.388	30	Pass
NVNT	ac(VHT20)	5785	Ant1	3.793	30	Pass
NVNT	ac(VHT20)	5825	Ant1	3.818	30	Pass
NVNT	ac(VHT40)	5190	Ant1	1.009	11	Pass
NVNT	ac(VHT40)	5230	Ant1	0.988	11	Pass
NVNT	ac(VHT40)	5230	Ant1	-3.953	11	Pass
NVNT	ac(VHT40)	5310	Ant1	-3.185	11	Pass
NVNT	ac(VHT40)	5510	Ant1	0.026	11	Pass
NVNT	ac(VHT40)	5550	Ant1	1.627	11	Pass
NVNT	ac(VHT40)	5670	Ant1	1.869	11	Pass
NVNT	ac(VHT40)	5755	Ant1	0.248	30	Pass
NVNT	ac(VHT40)	5795	Ant1	-0.284	30	Pass
NVNT	ac(VHT80)	5210	Ant1	-10.327	11	Pass
NVNT	ac(VHT80)	5290	Ant1	-7.419	11	Pass
NVNT	ac(VHT80)	5530	Ant1	-7.735	11	Pass
NVNT	ac(VHT80)	5610	Ant1	-6.81	11	Pass
NVNT	ac(VHT80)	5775	Ant1	-2.739	30	Pass
NVNT	n(HT20)	5180	Ant1	1.895	11	Pass
NVNT	n(HT20)	5240	Ant1	-0.229	11	Pass
NVNT	n(HT20)	5260	Ant1	3.142	11	Pass
NVNT	n(HT20)	5280	Ant1	3.927	11	Pass
NVNT	n(HT20)	5320	Ant1	3.984	11	Pass
NVNT	n(HT20)	5500	Ant1	4.284	11	Pass
NVNT	n(HT20)	5580	Ant1	3.648	11	Pass

NVNT	n(HT20)	5700	Ant1	4.662	11	Pass
NVNT	n(HT20)	5745	Ant1	3.267	30	Pass
NVNT	n(HT20)	5785	Ant1	3.626	30	Pass
NVNT	n(HT20)	5825	Ant1	2.17	30	Pass
NVNT	n(HT40)	5190	Ant1	0.027	11	Pass
NVNT	n(HT40)	5230	Ant1	-0.03	11	Pass
NVNT	n(HT40)	5230	Ant1	-3.235	11	Pass
NVNT	n(HT40)	5310	Ant1	-2.46	11	Pass
NVNT	n(HT40)	5510	Ant1	0.001	11	Pass
NVNT	n(HT40)	5550	Ant1	1.78	11	Pass
NVNT	n(HT40)	5670	Ant1	0.65	11	Pass
NVNT	n(HT40)	5755	Ant1	0.158	30	Pass
NVNT	n(HT40)	5795	Ant1	-0.438	30	Pass

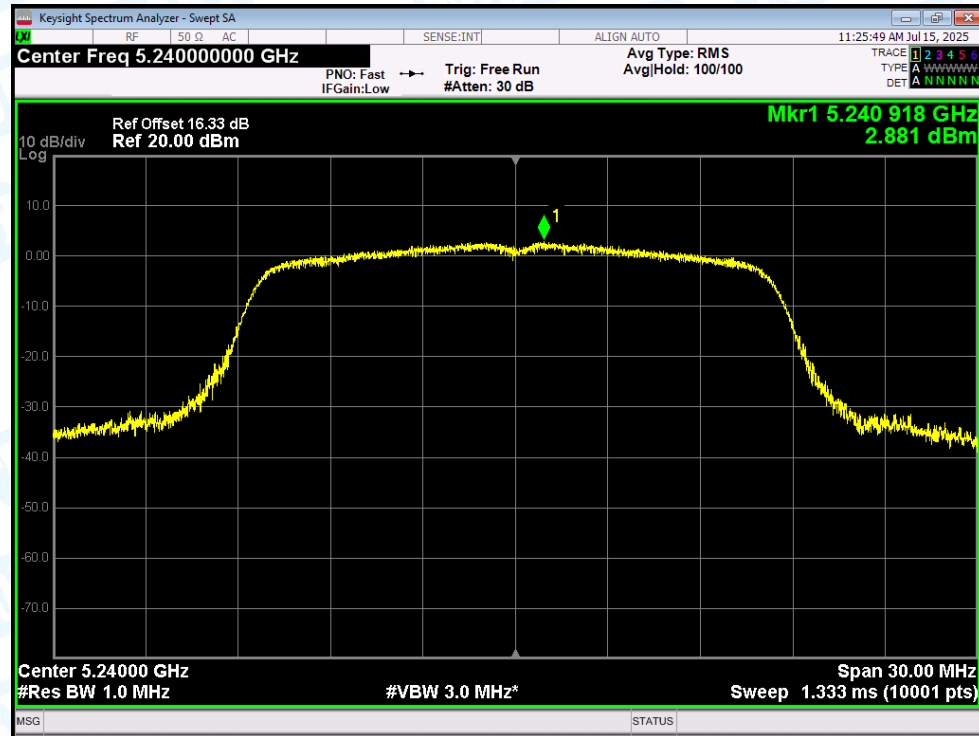
Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs

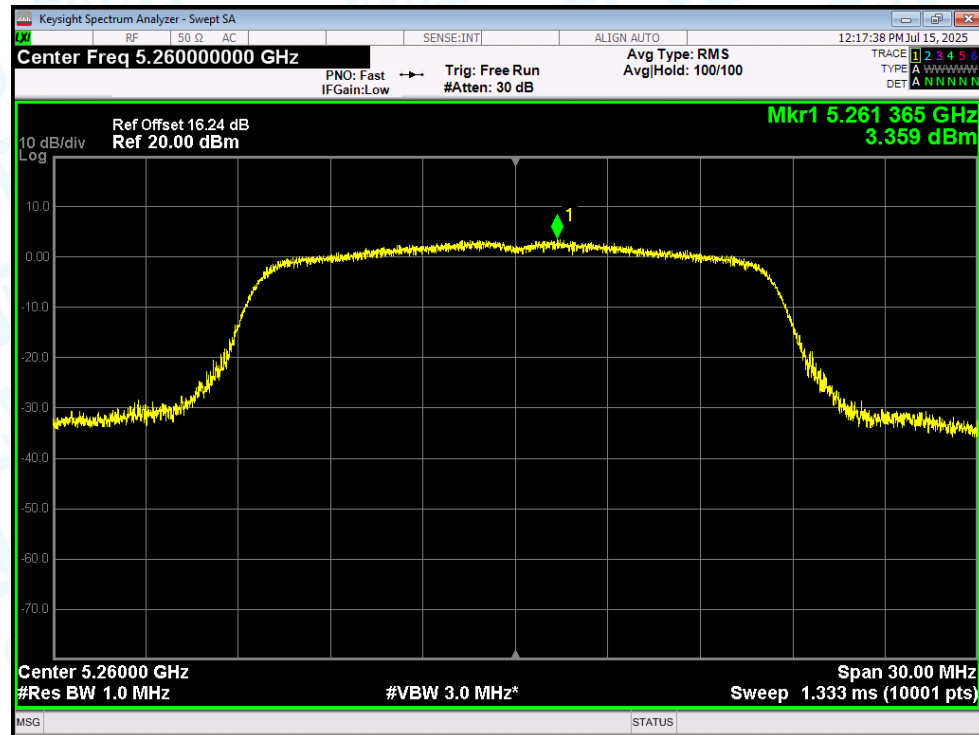
PSD NVNT a 5180MHz Ant1



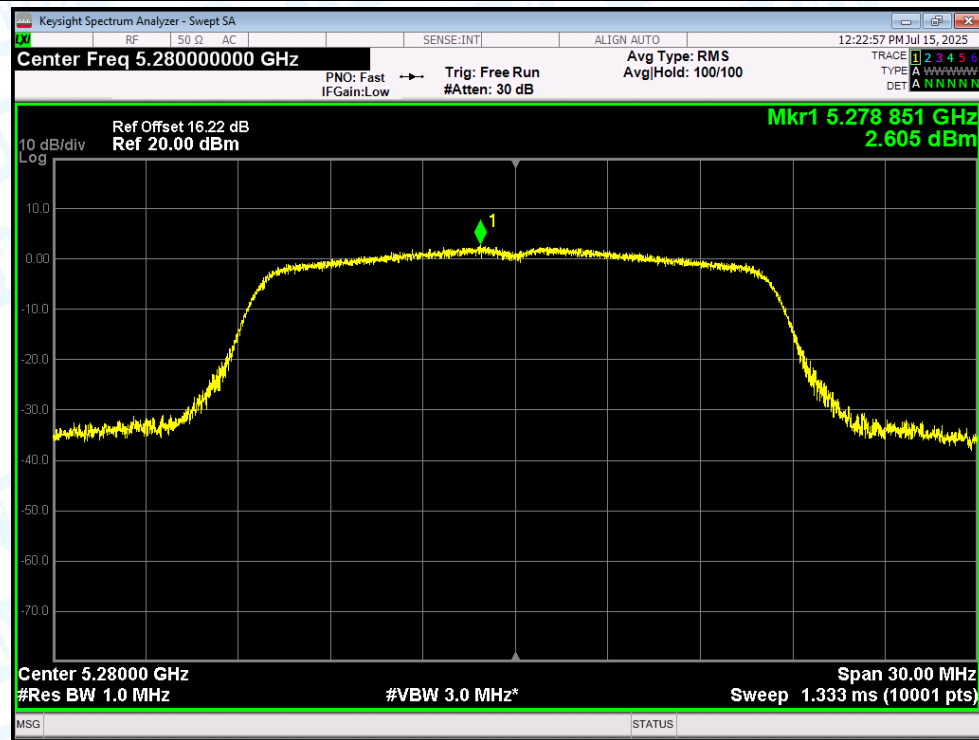
PSD NVNT a 5240MHz Ant1



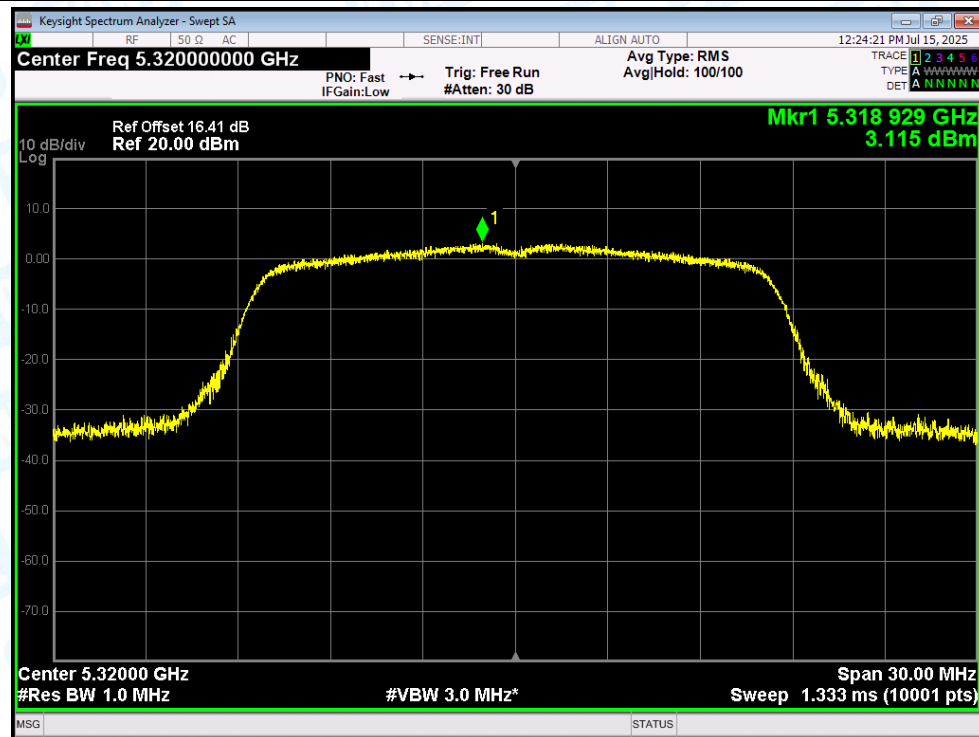
PSD NVNT a 5260MHz Ant1



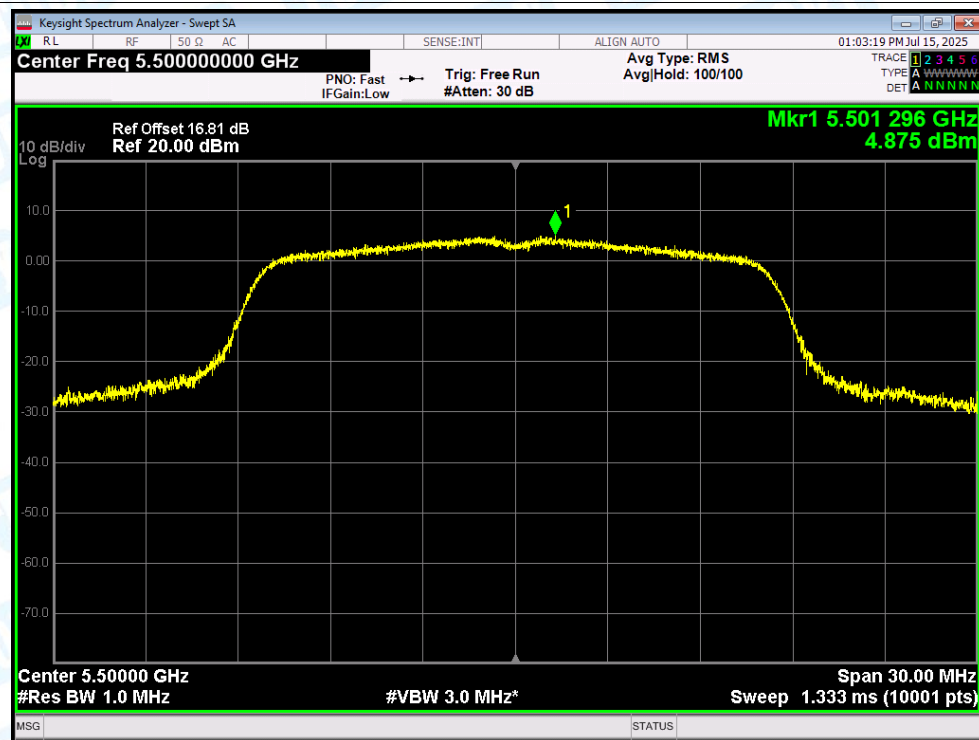
PSD NVNT a 5280MHz Ant1



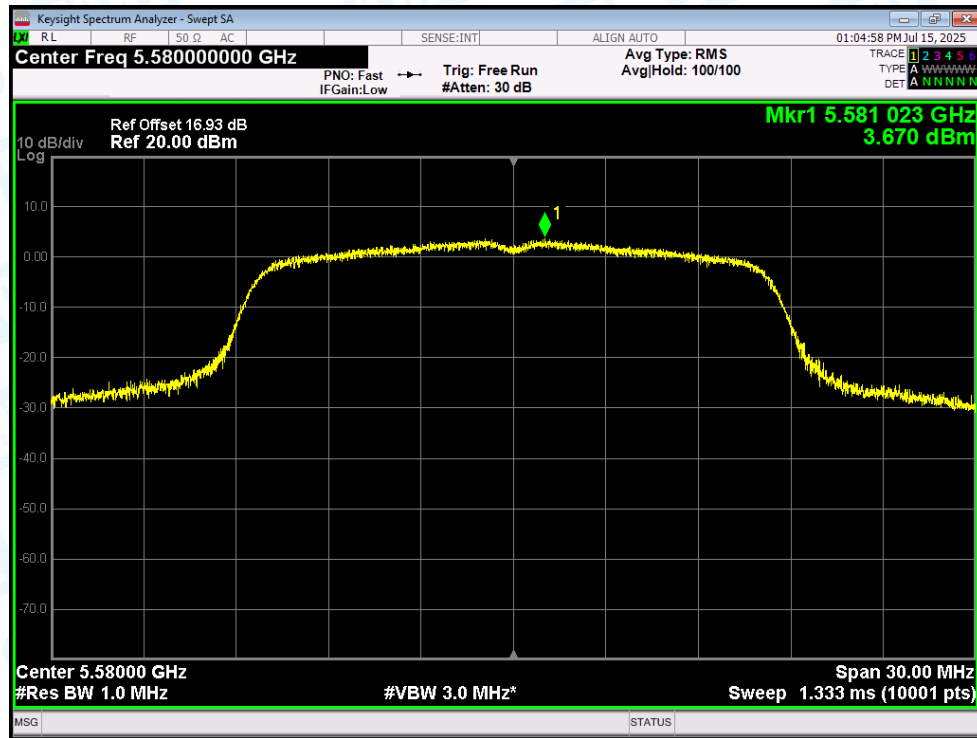
PSD NVNT a 5320MHz Ant1



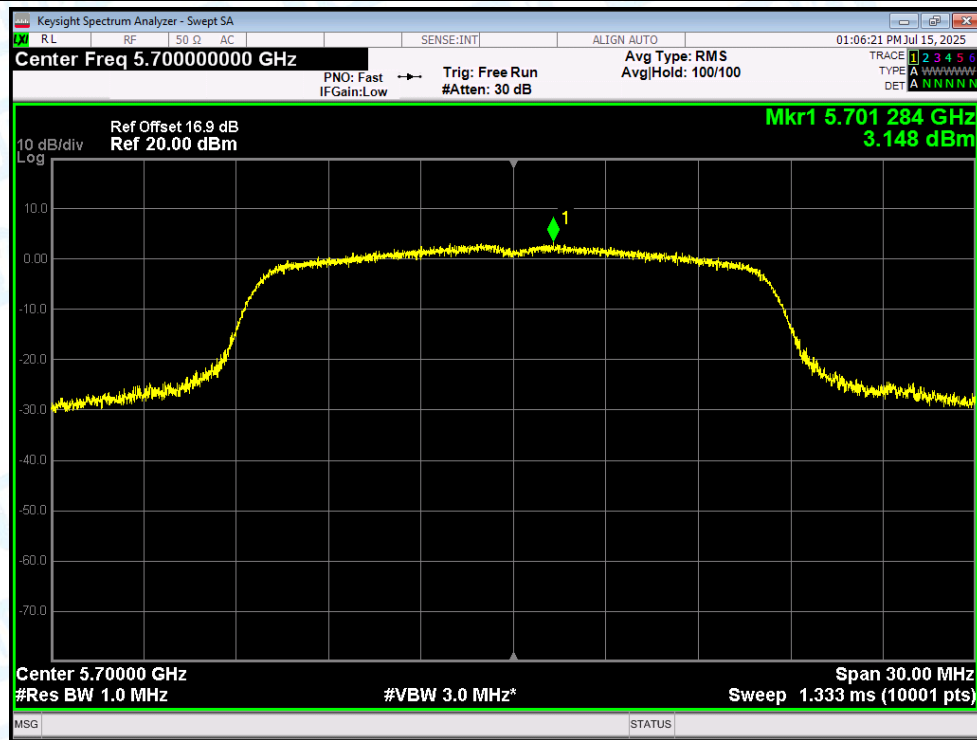
PSD NVNT a 5500MHz Ant1



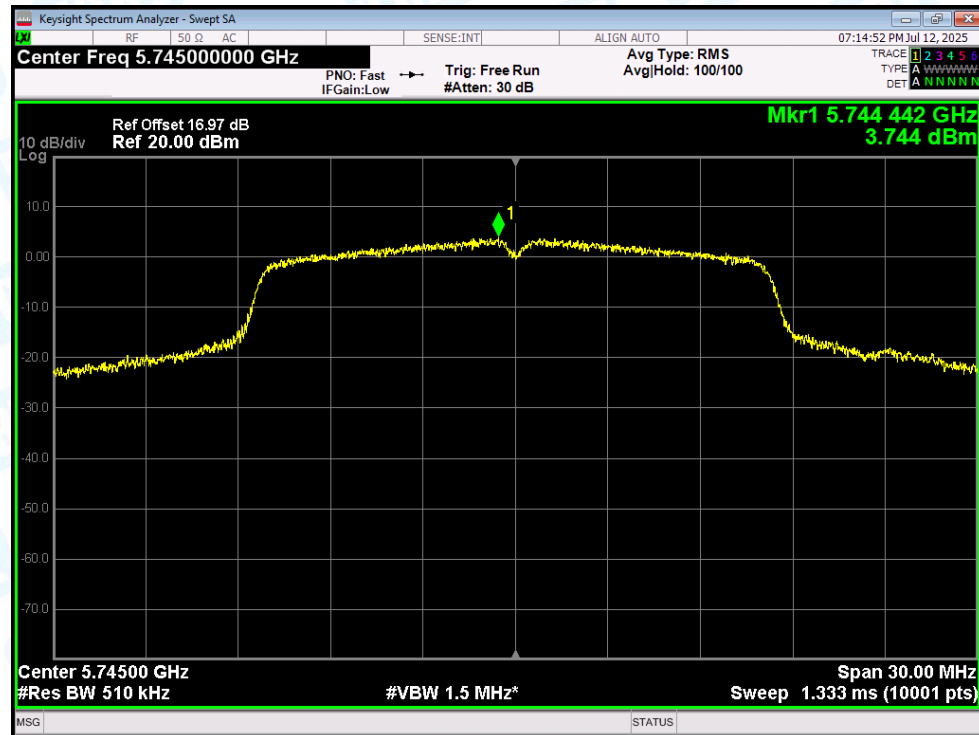
PSD NVNT a 5580MHz Ant1



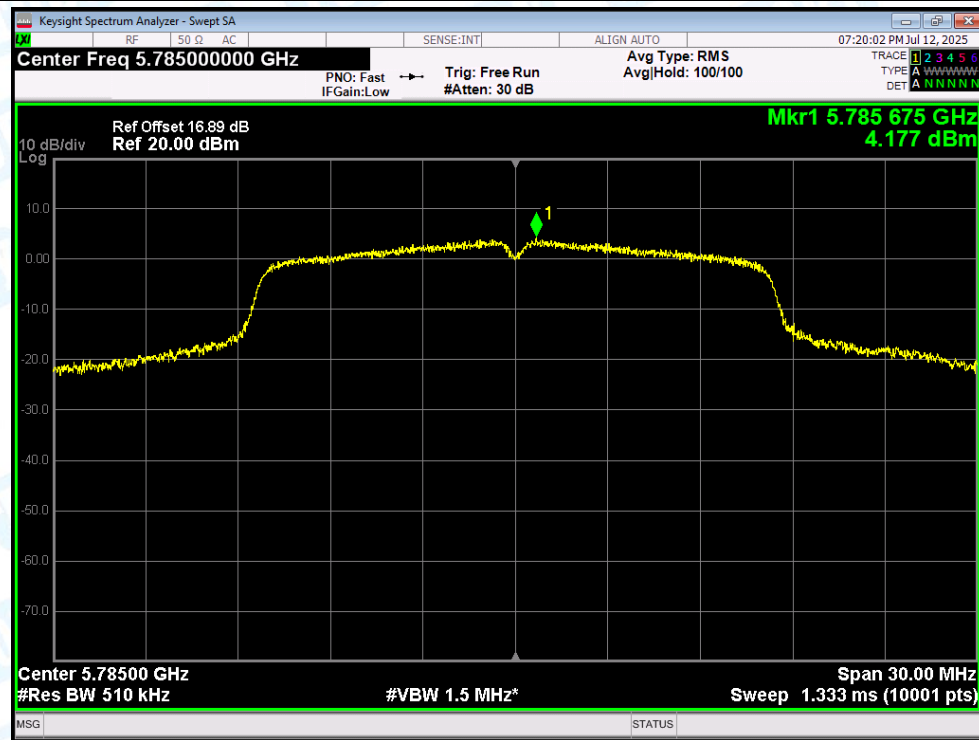
PSD NVNT a 5700MHz Ant1



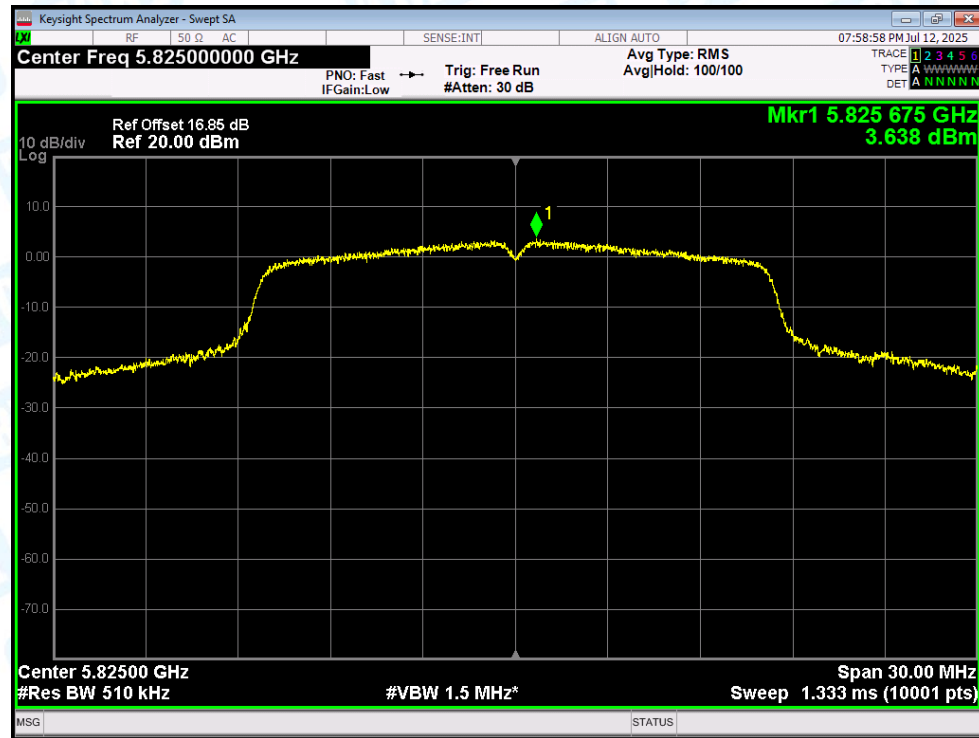
PSD NVNT a 5745MHz Ant1



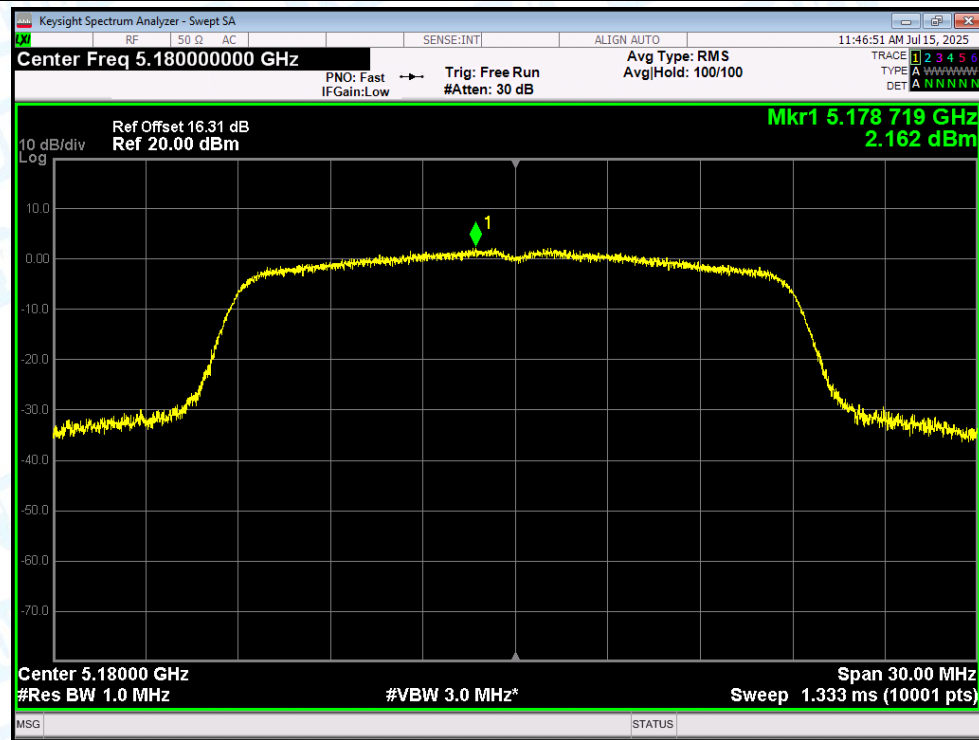
PSD NVNT a 5785MHz Ant1

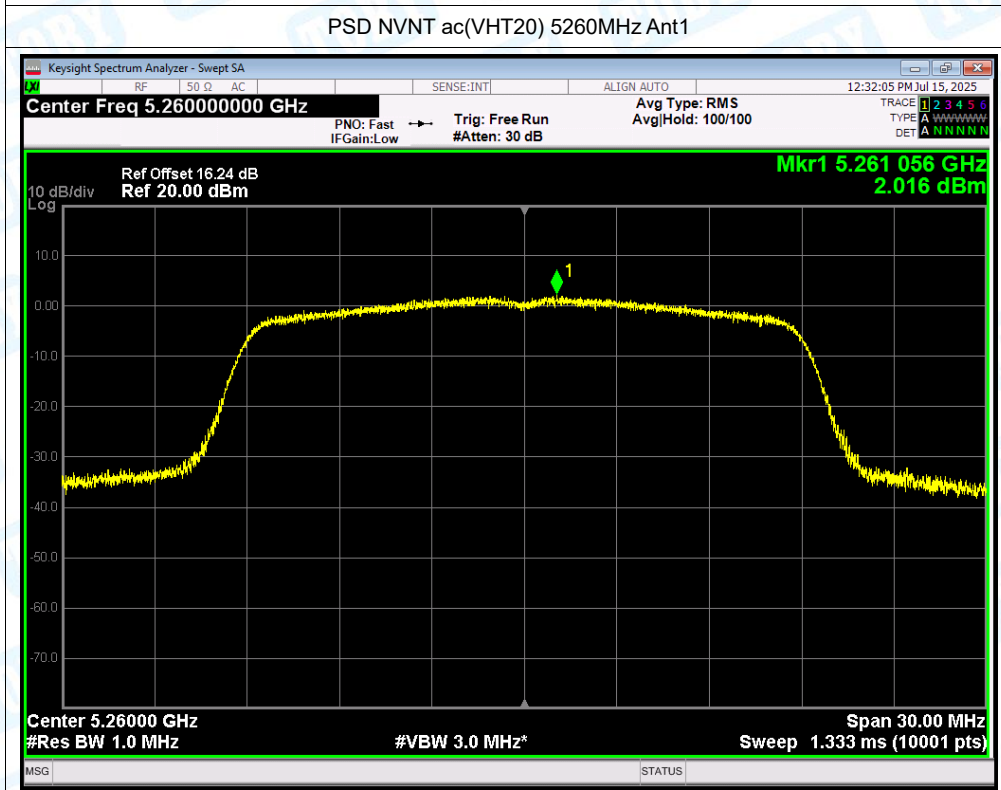
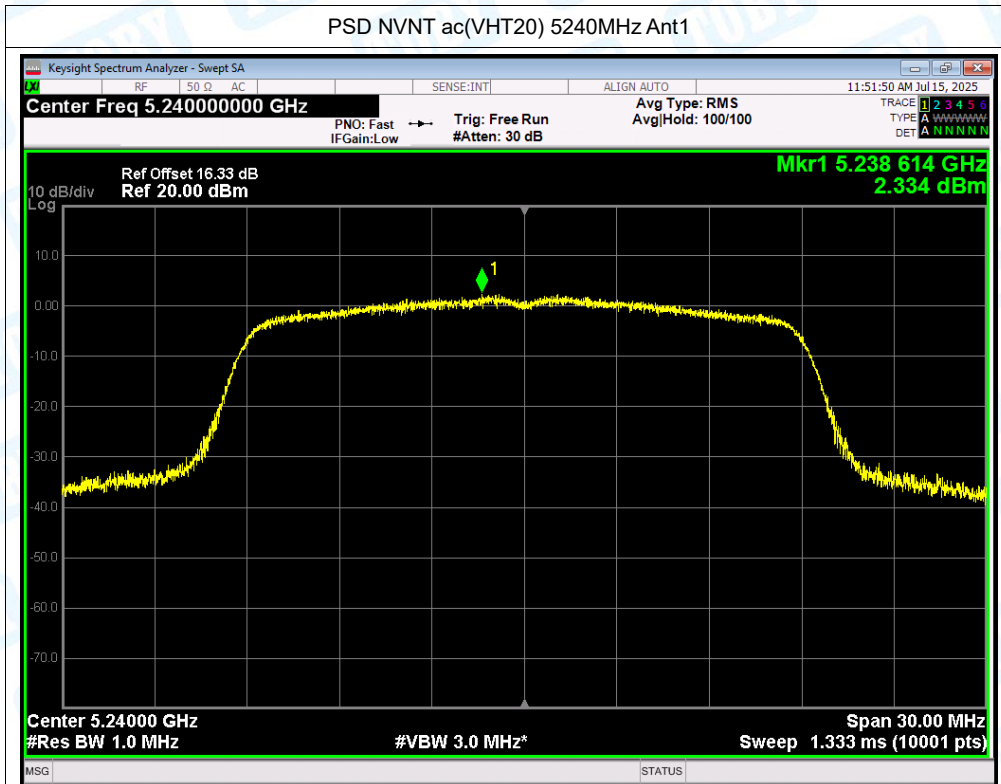


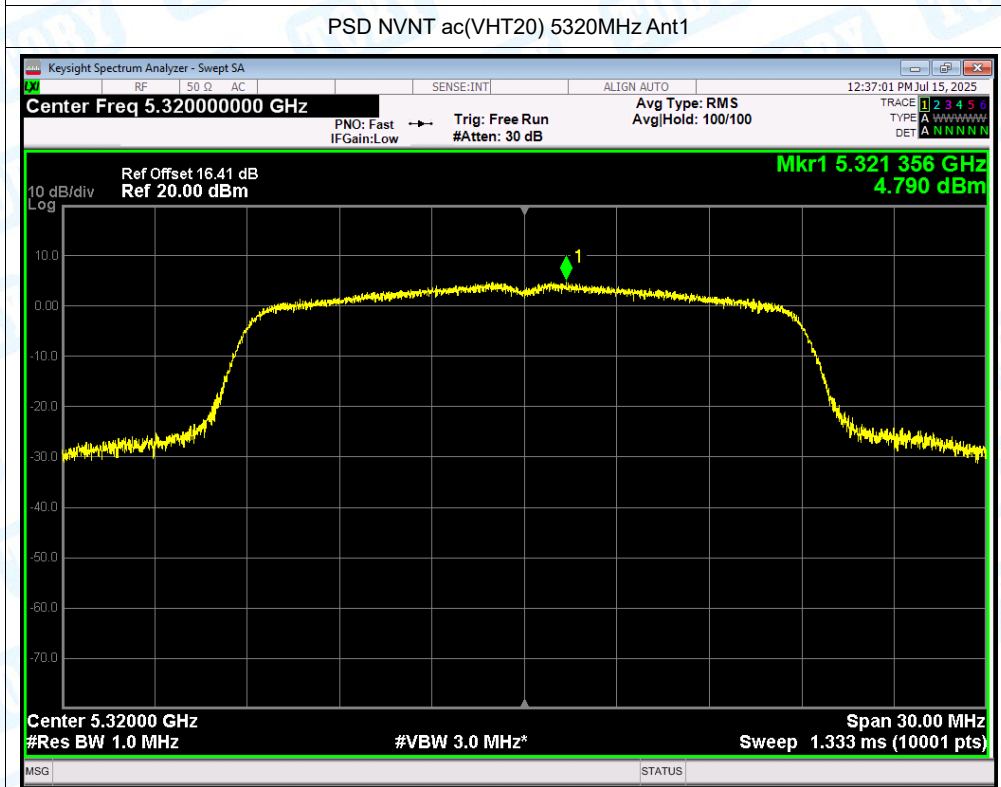
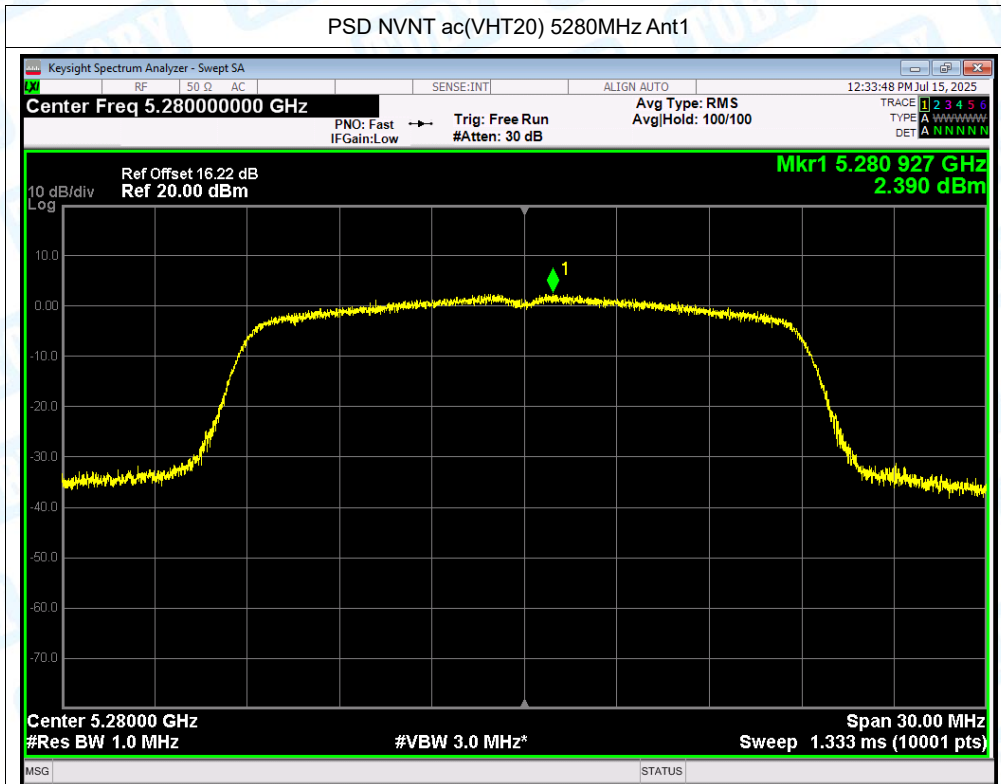
PSD NVNT a 5825MHz Ant1

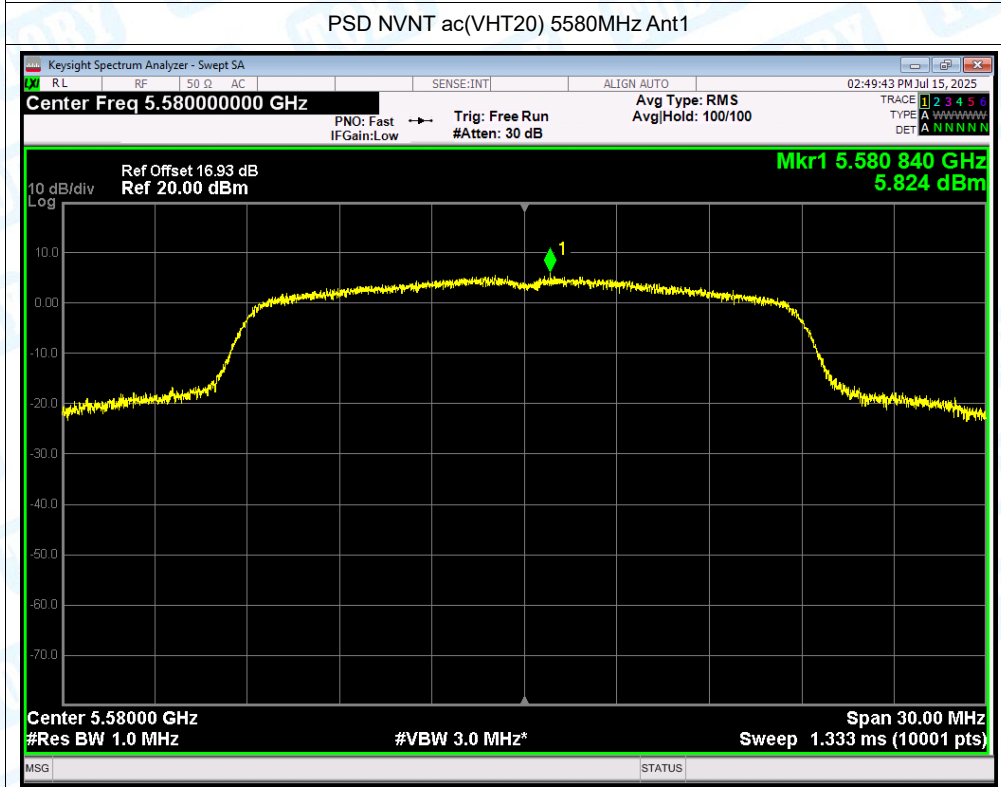
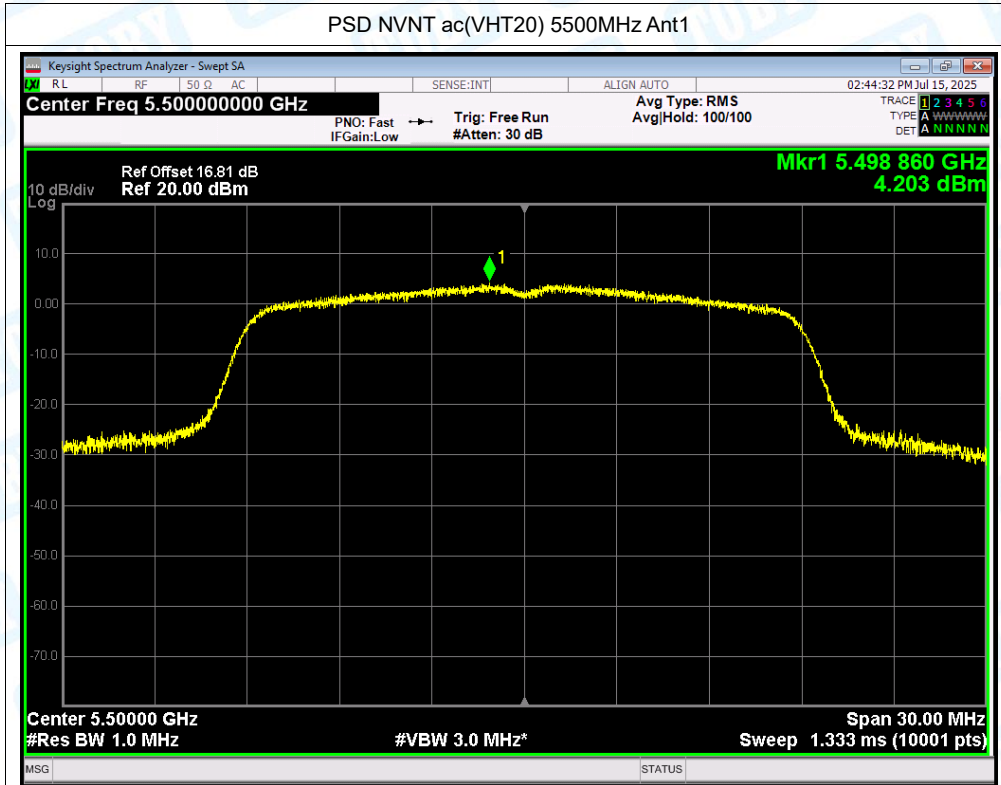


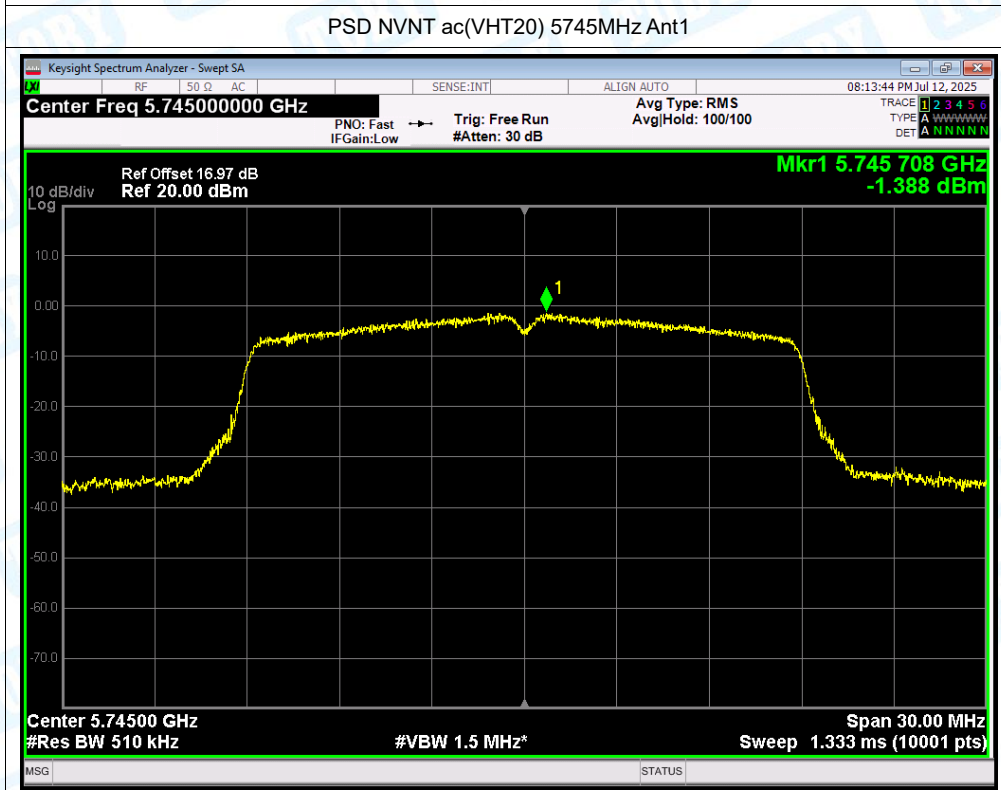
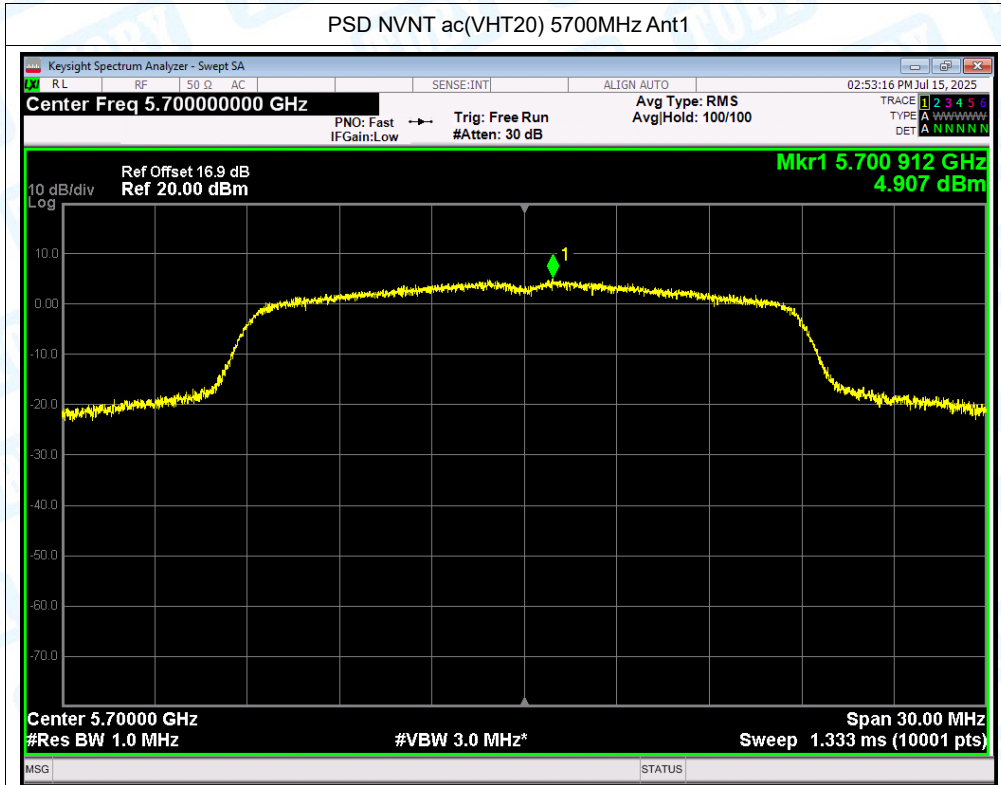
PSD NVNT ac(VHT20) 5180MHz Ant1



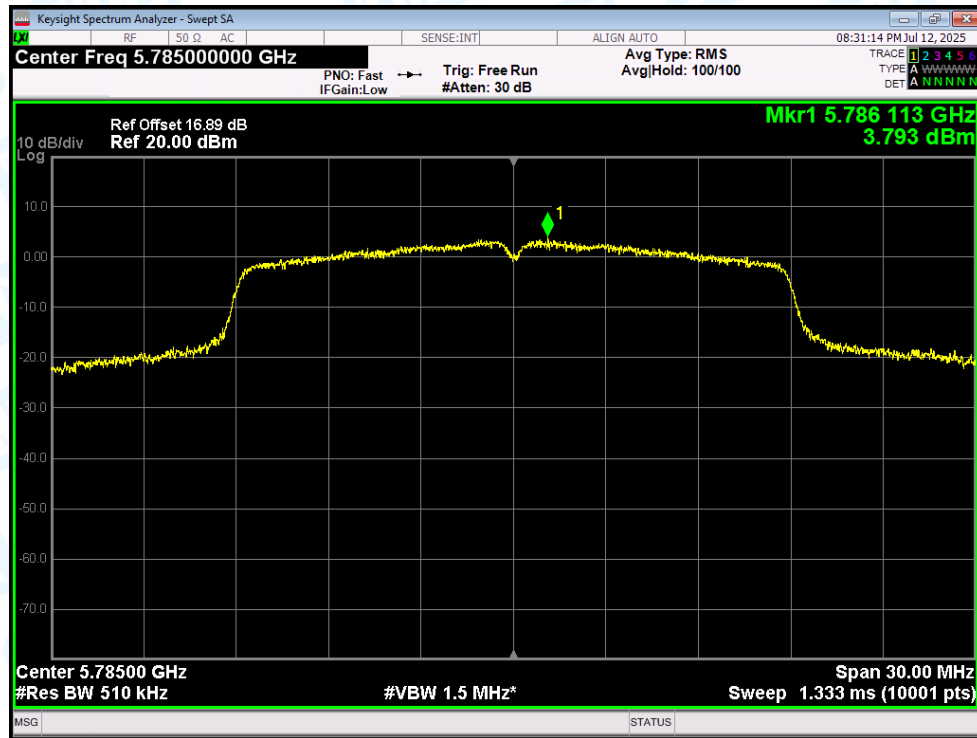




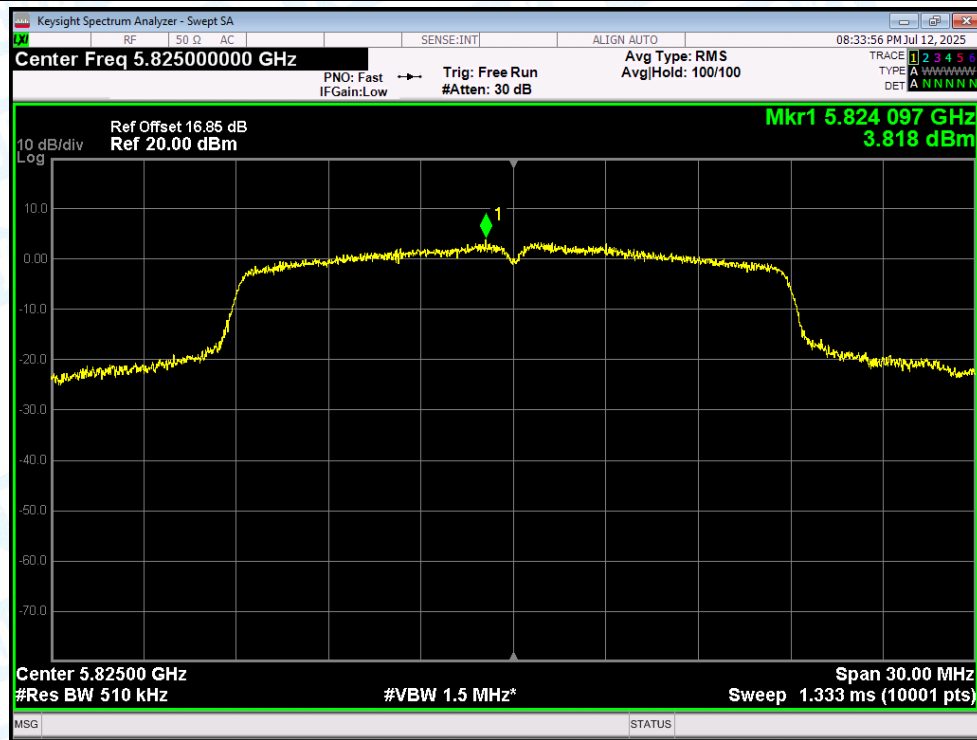


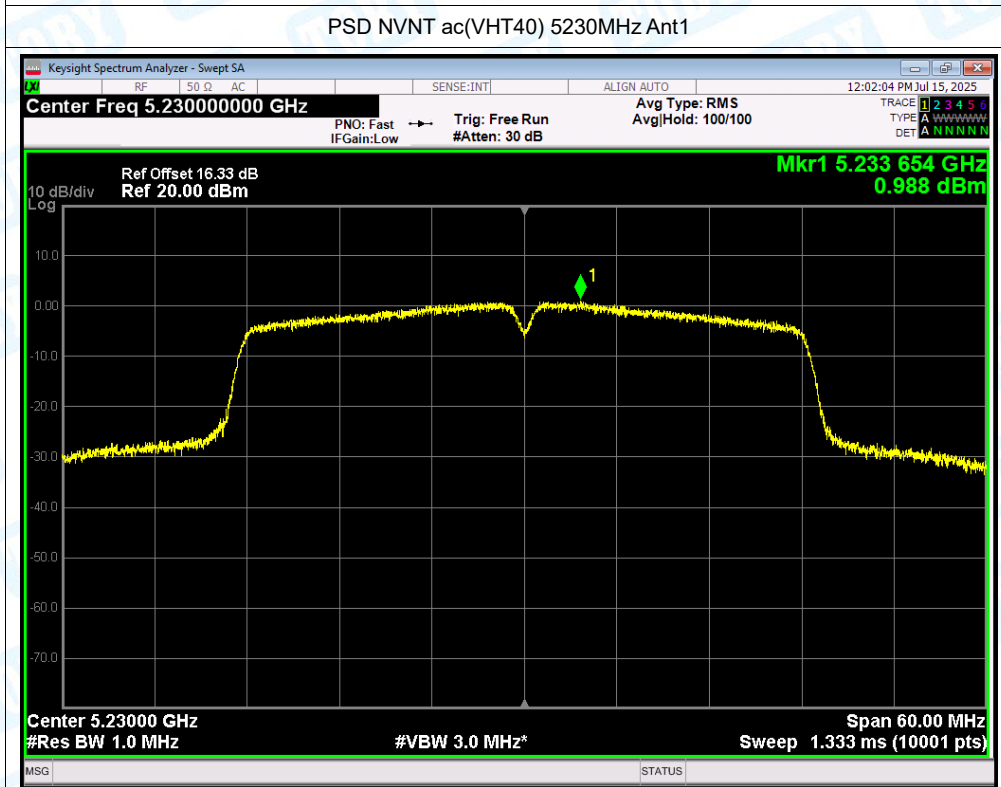
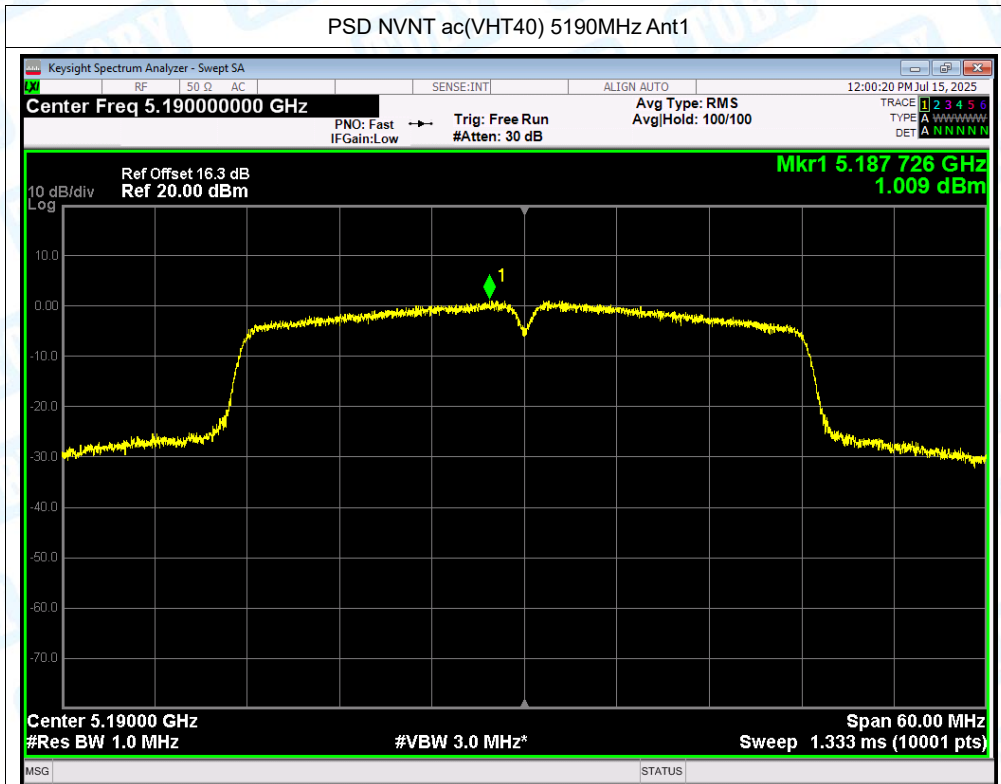


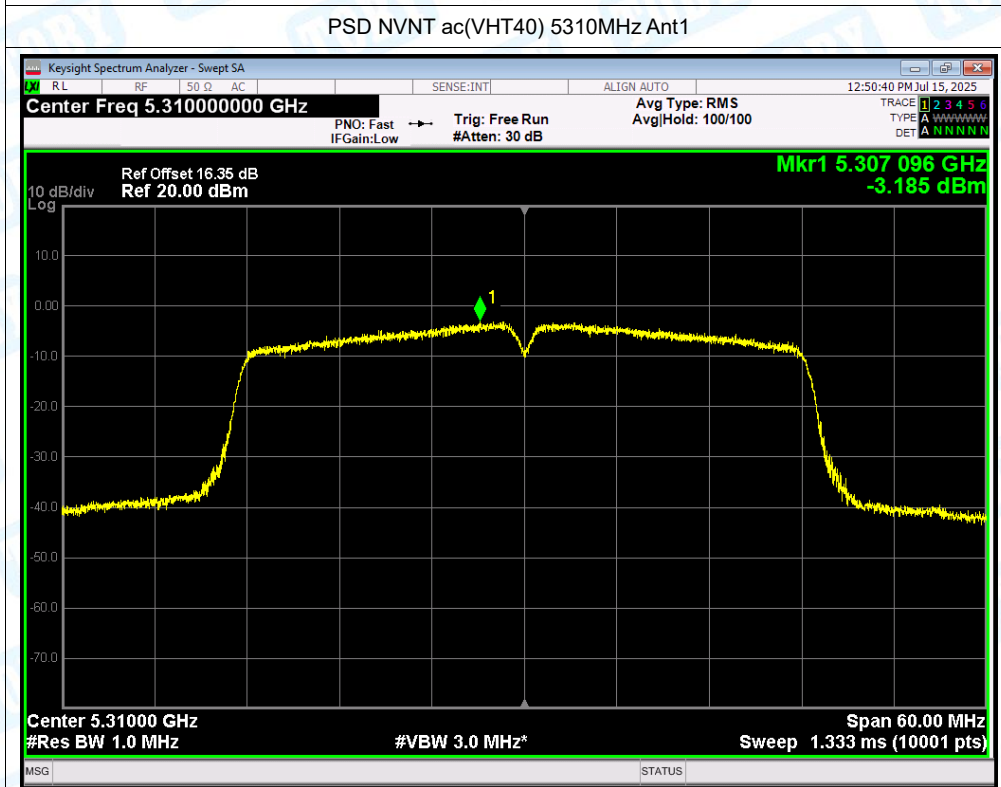
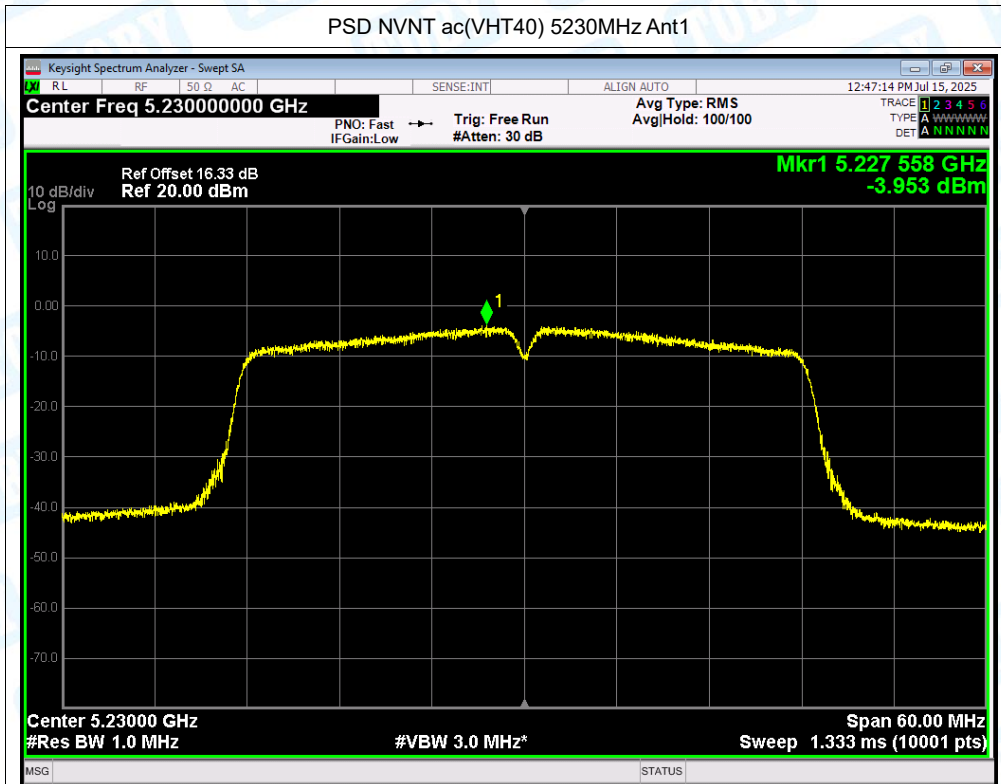
PSD NVNT ac(VHT20) 5785MHz Ant1

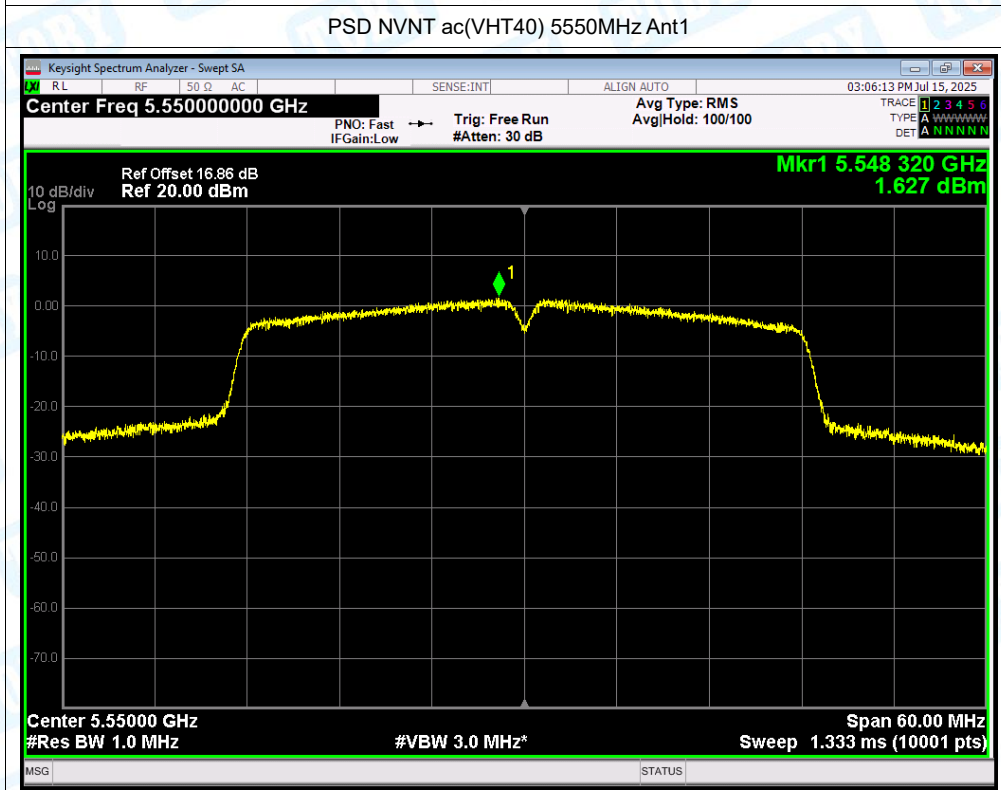
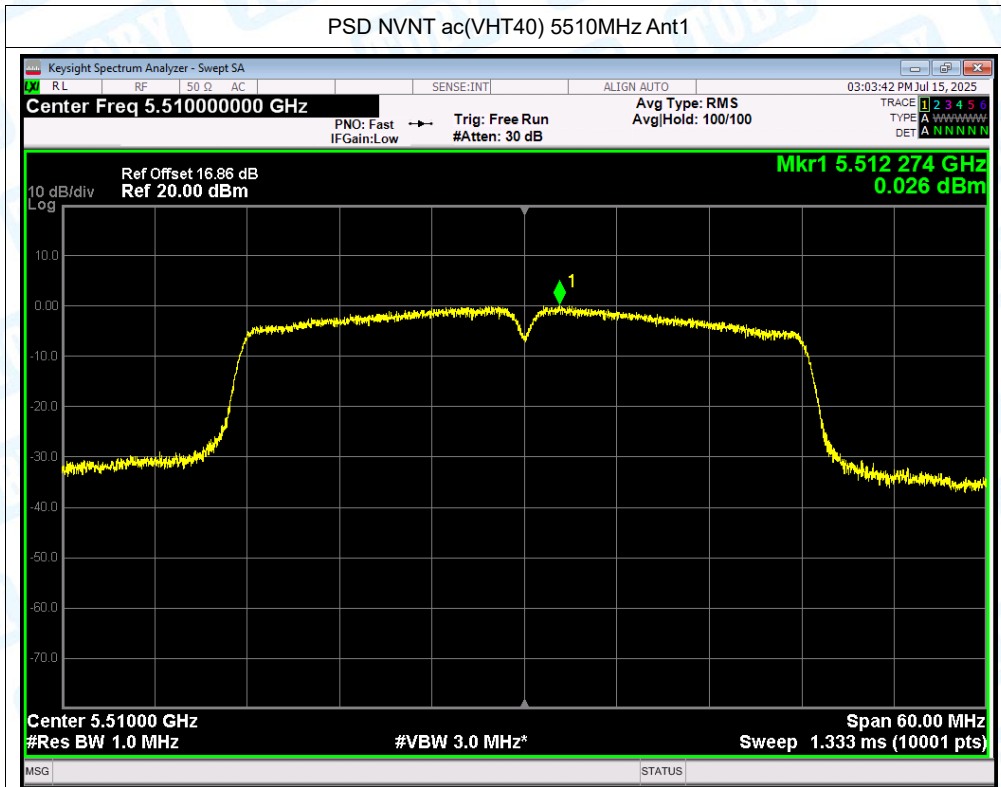


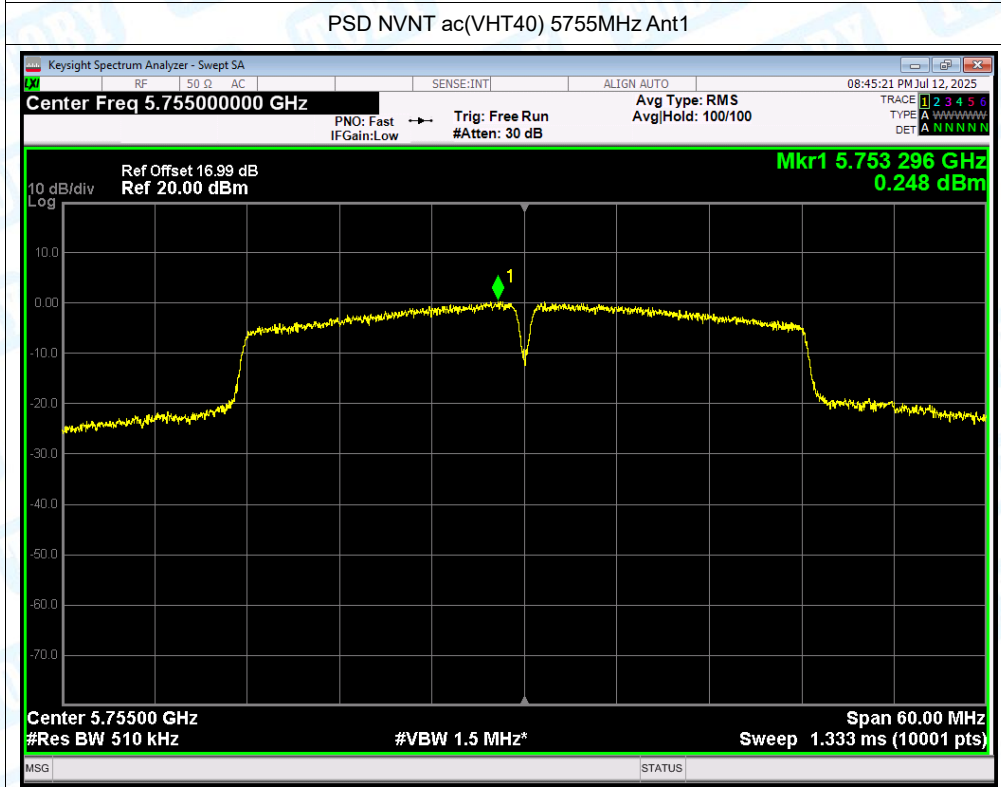
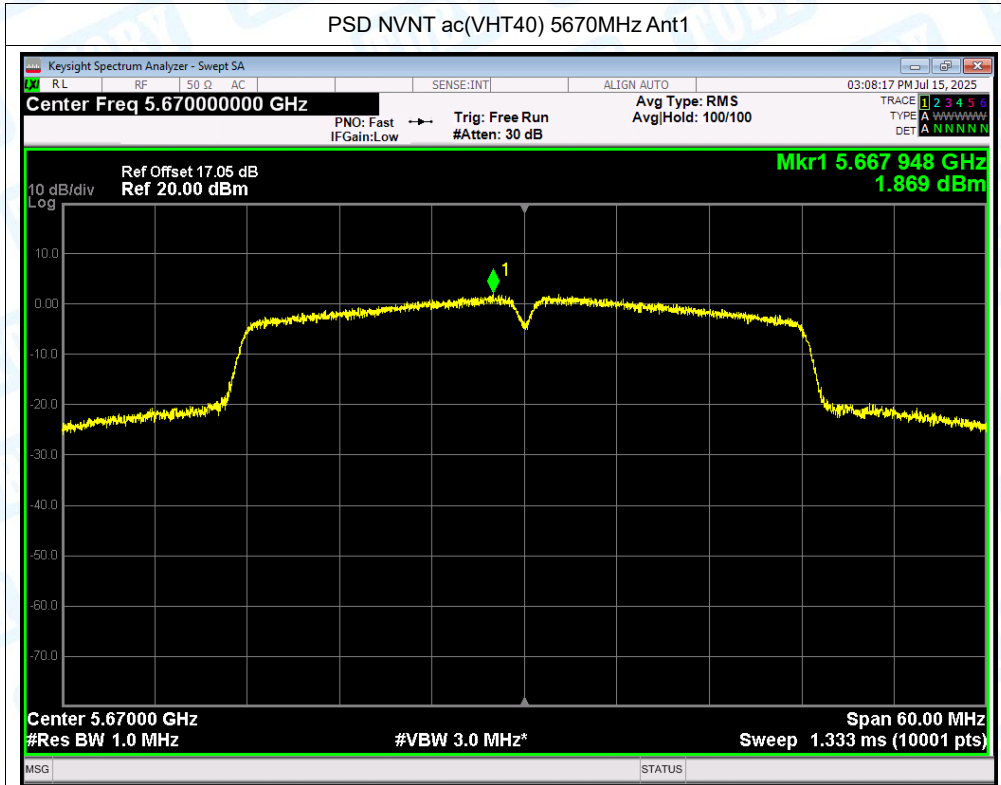
PSD NVNT ac(VHT20) 5825MHz Ant1



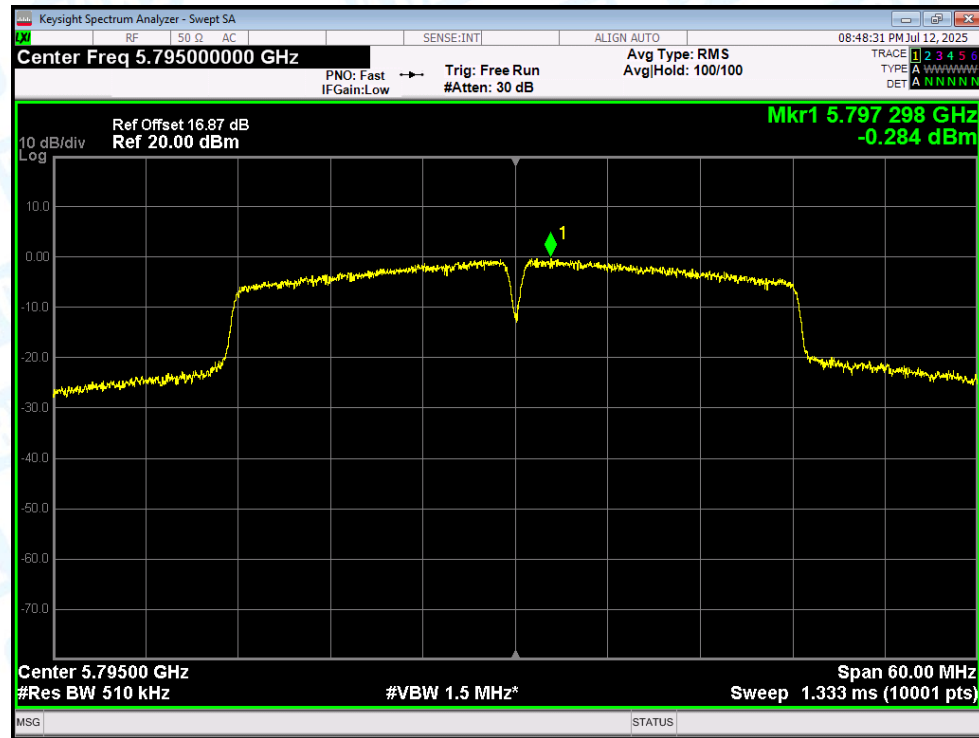




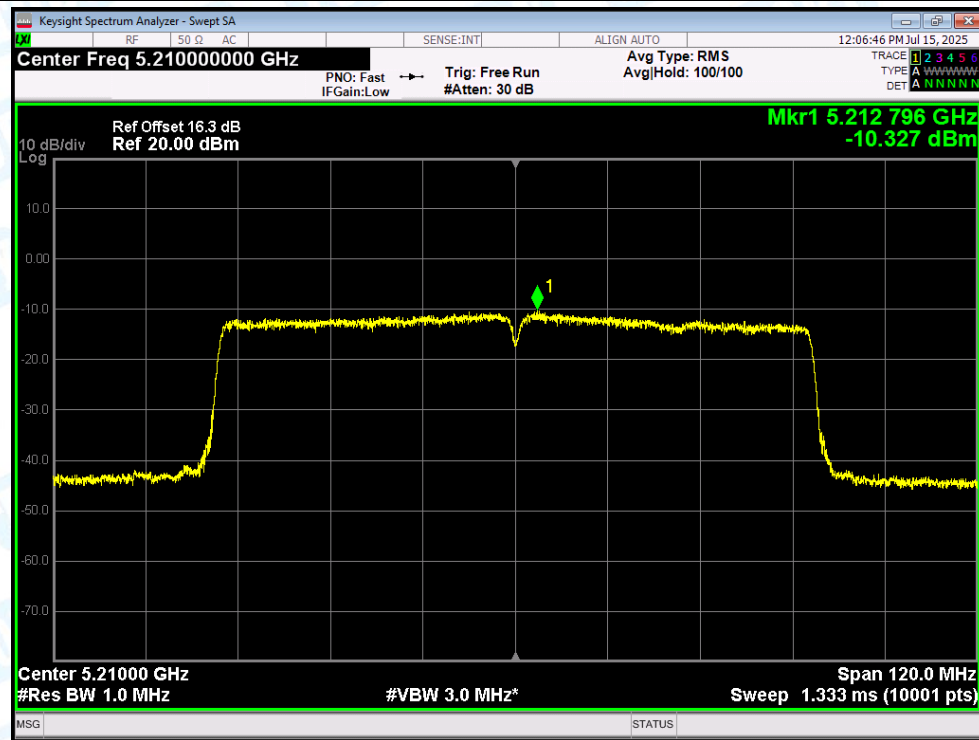


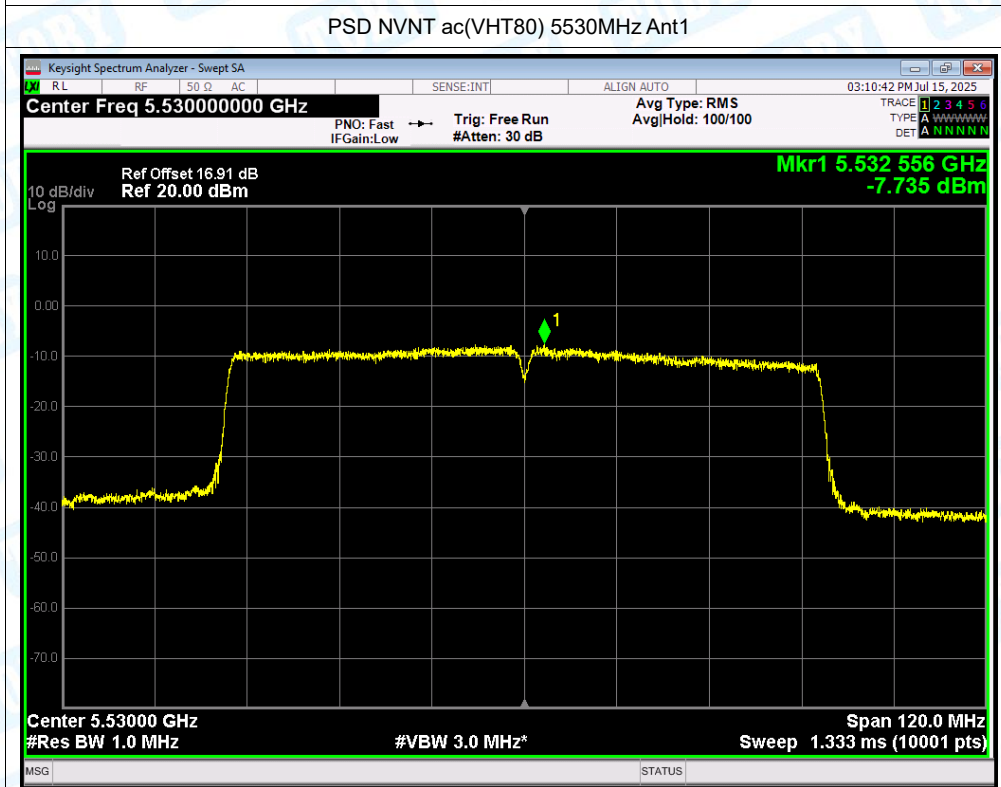
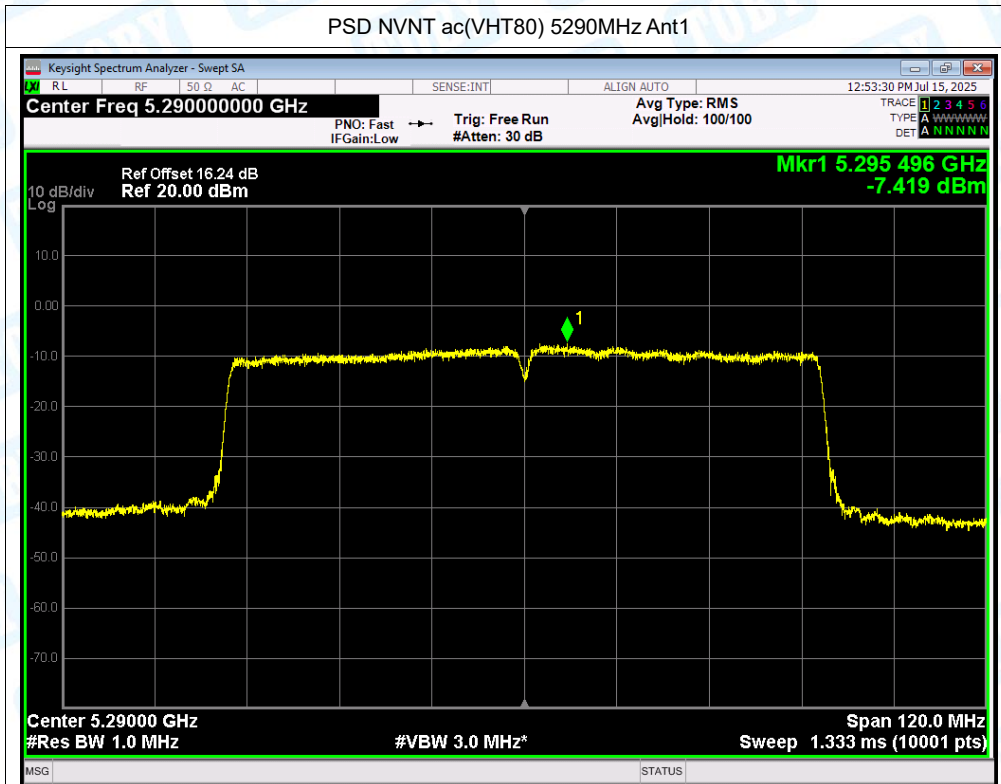


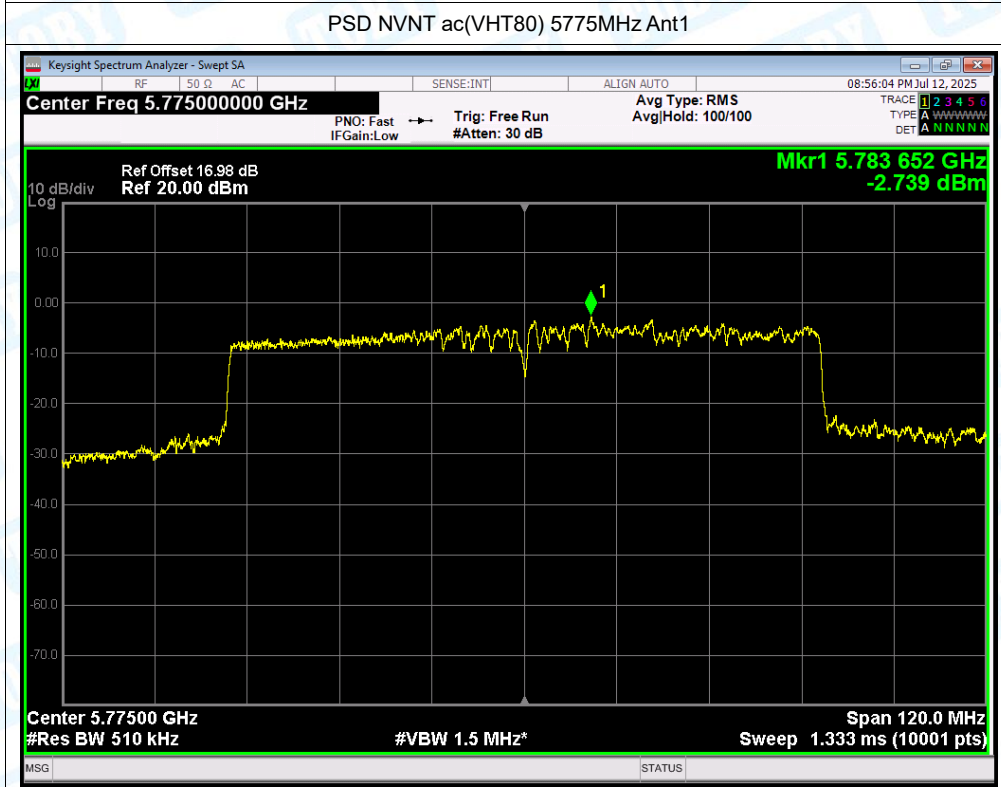
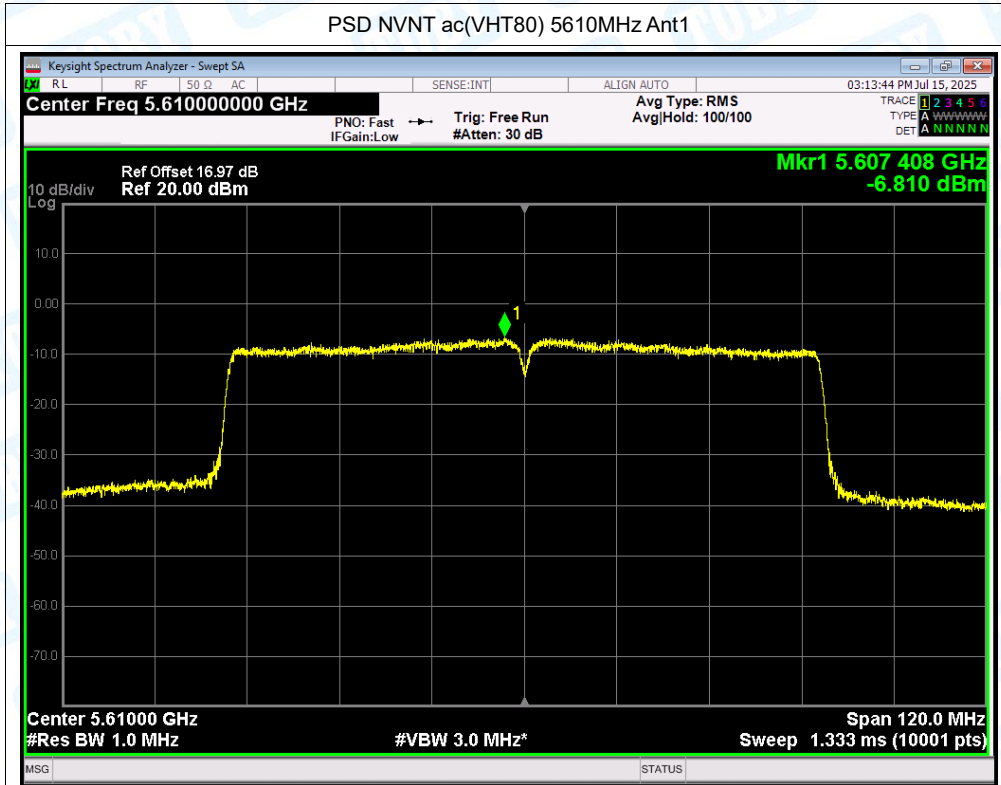
PSD NVNT ac(VHT40) 5795MHz Ant1



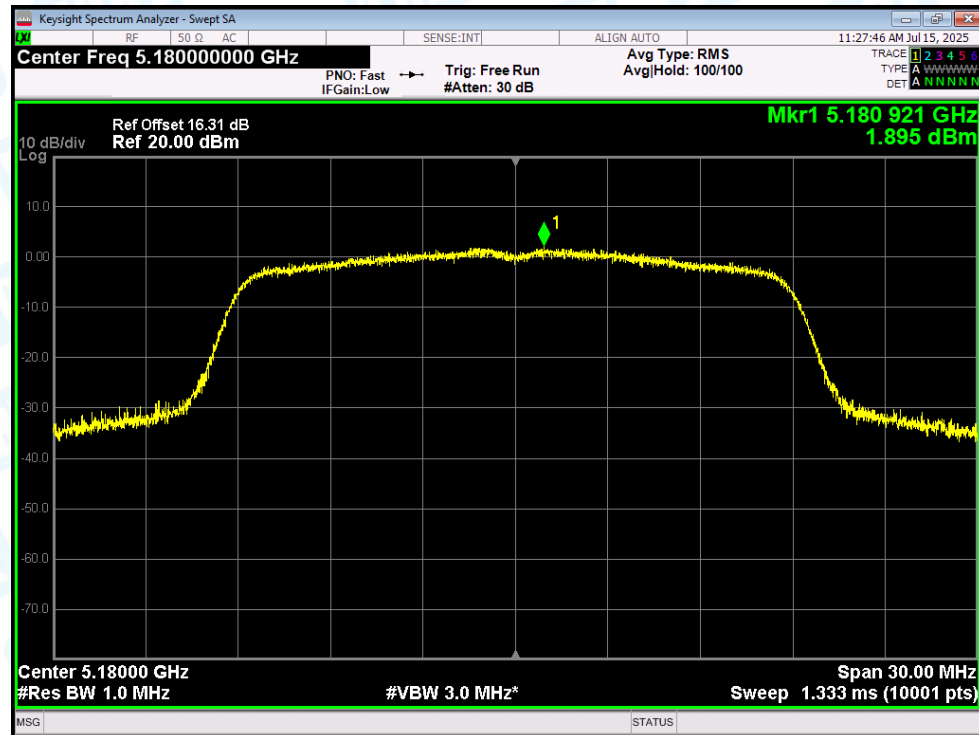
PSD NVNT ac(VHT80) 5210MHz Ant1



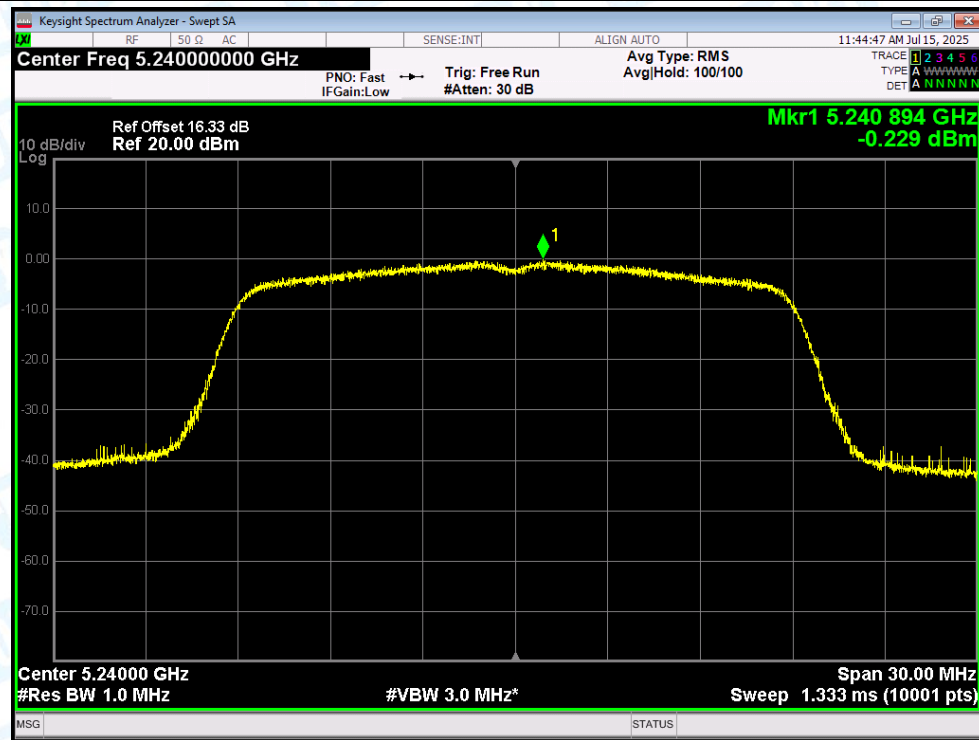




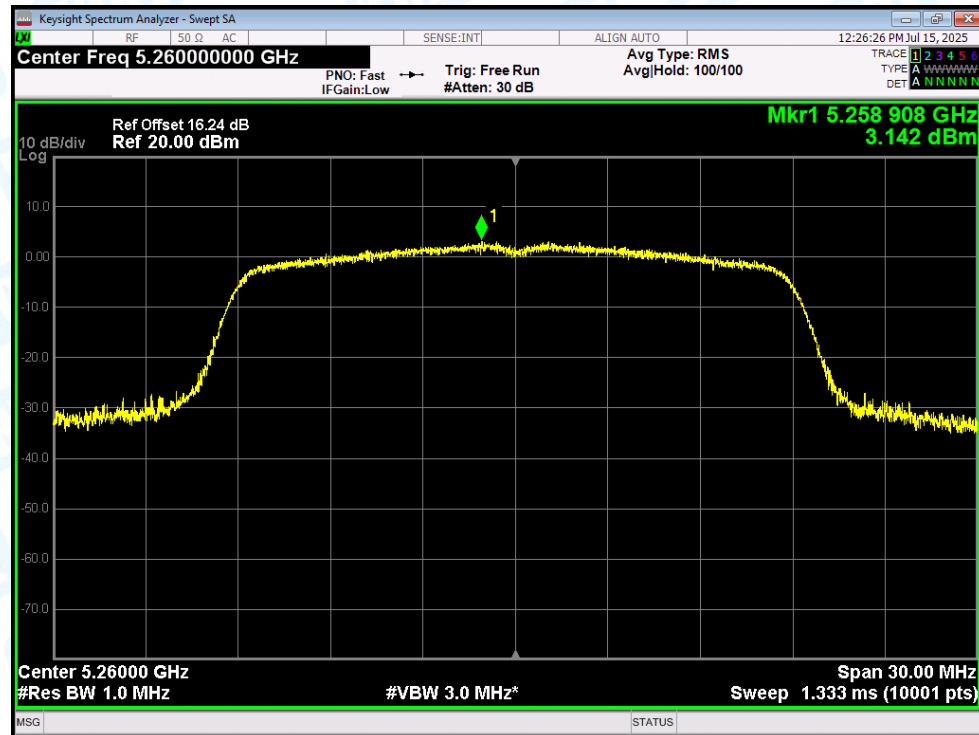
PSD NVNT n(HT20) 5180MHz Ant1



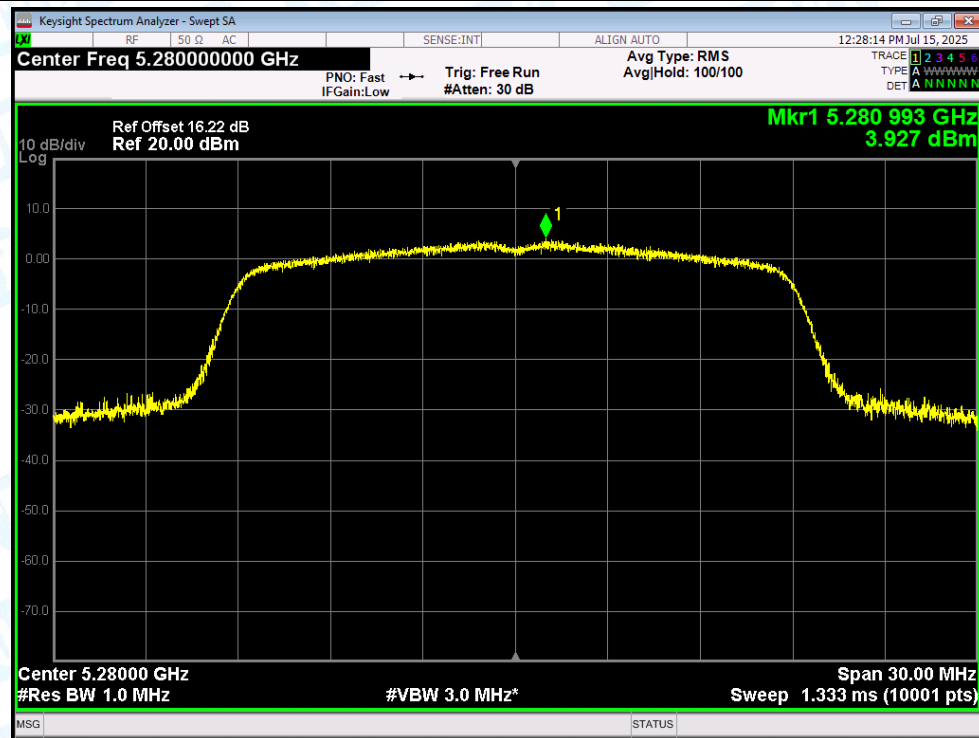
PSD NVNT n(HT20) 5240MHz Ant1



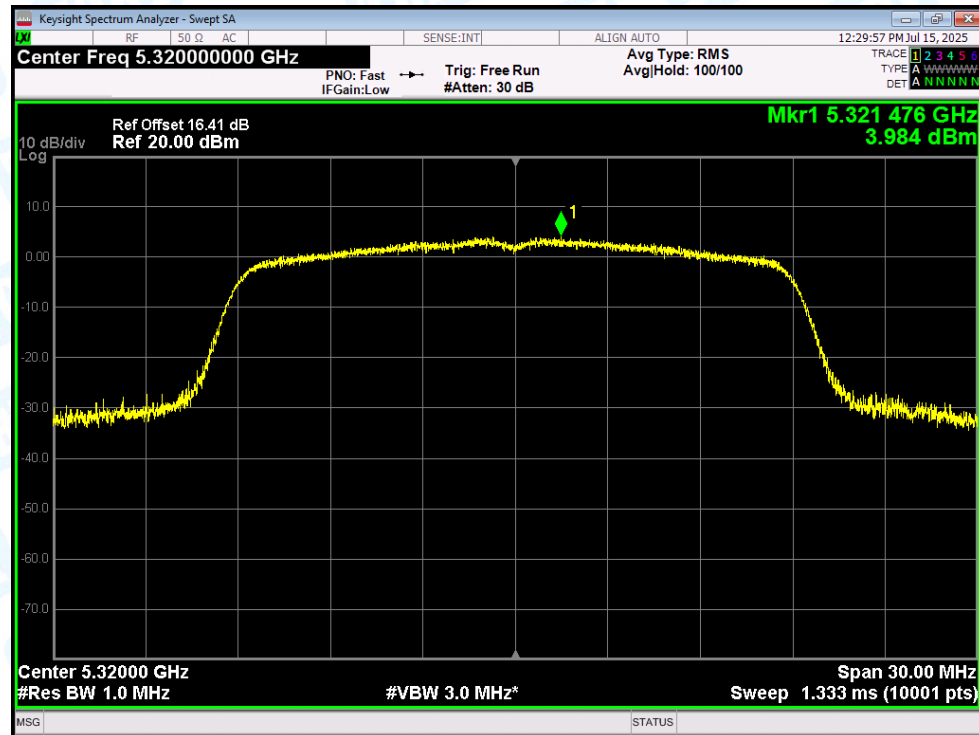
PSD NVNT n(HT20) 5260MHz Ant1



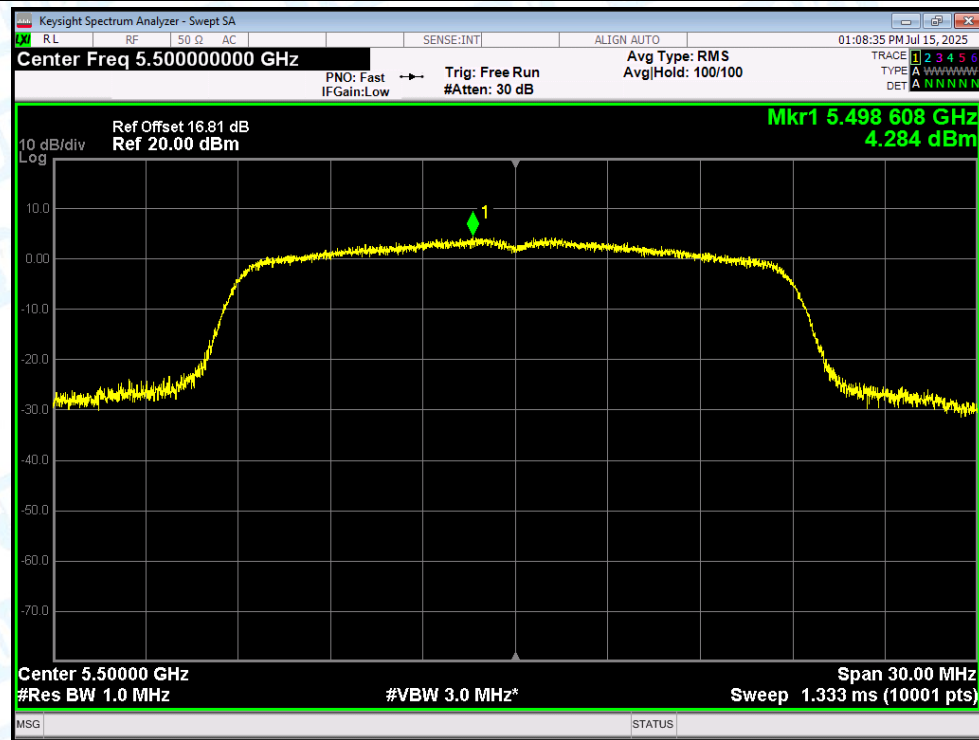
PSD NVNT n(HT20) 5280MHz Ant1



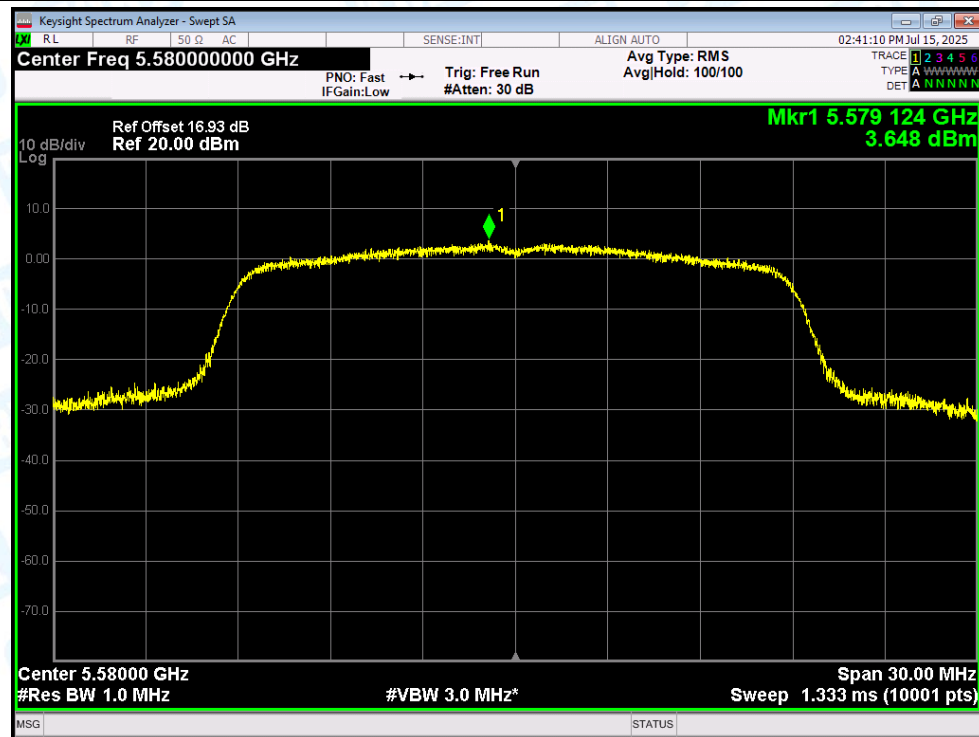
PSD NVNT n(HT20) 5320MHz Ant1



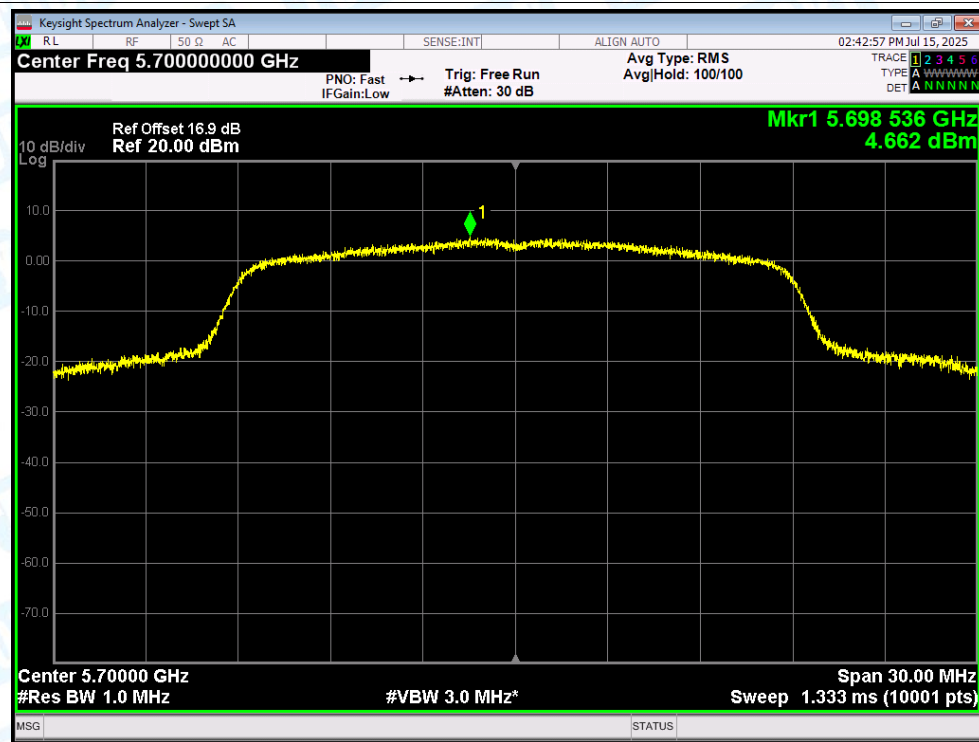
PSD NVNT n(HT20) 5500MHz Ant1



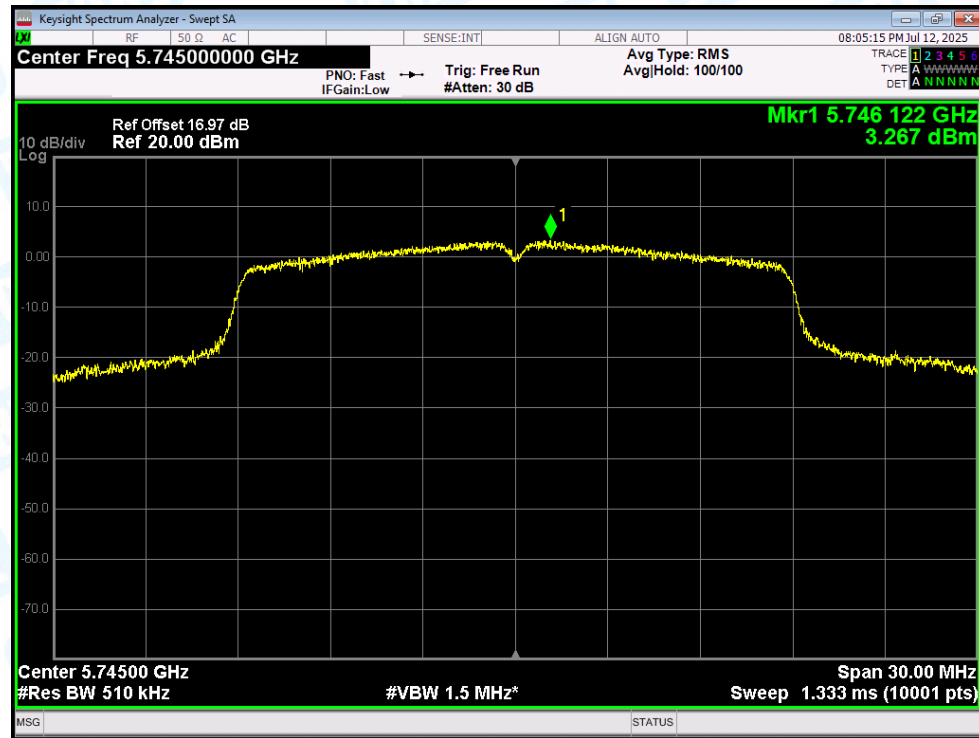
PSD NVNT n(HT20) 5580MHz Ant1



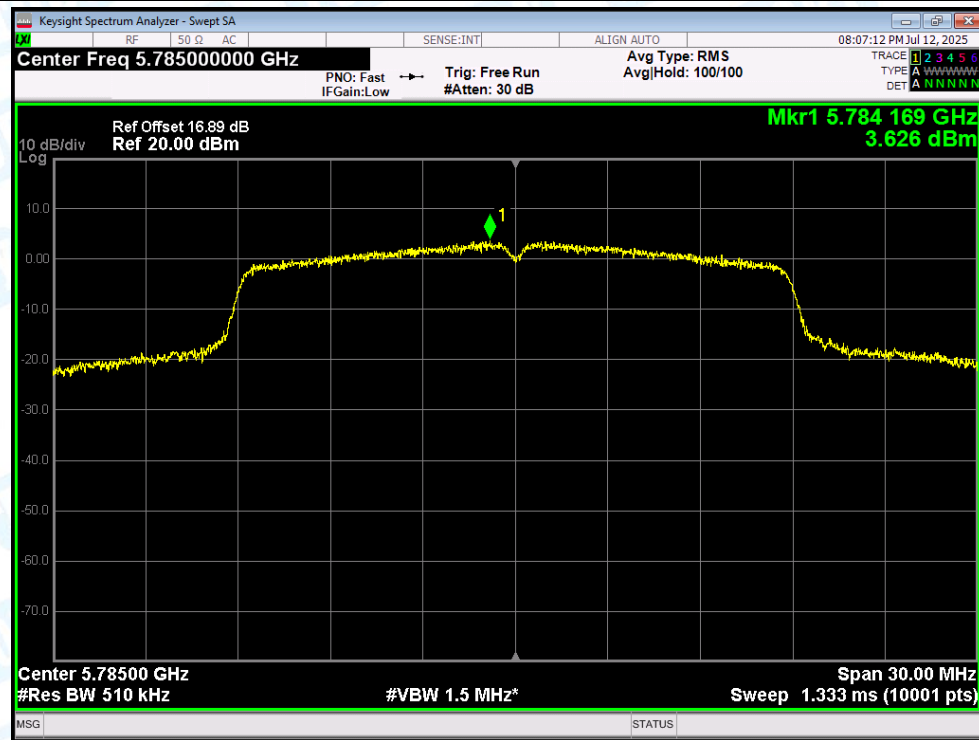
PSD NVNT n(HT20) 5700MHz Ant1

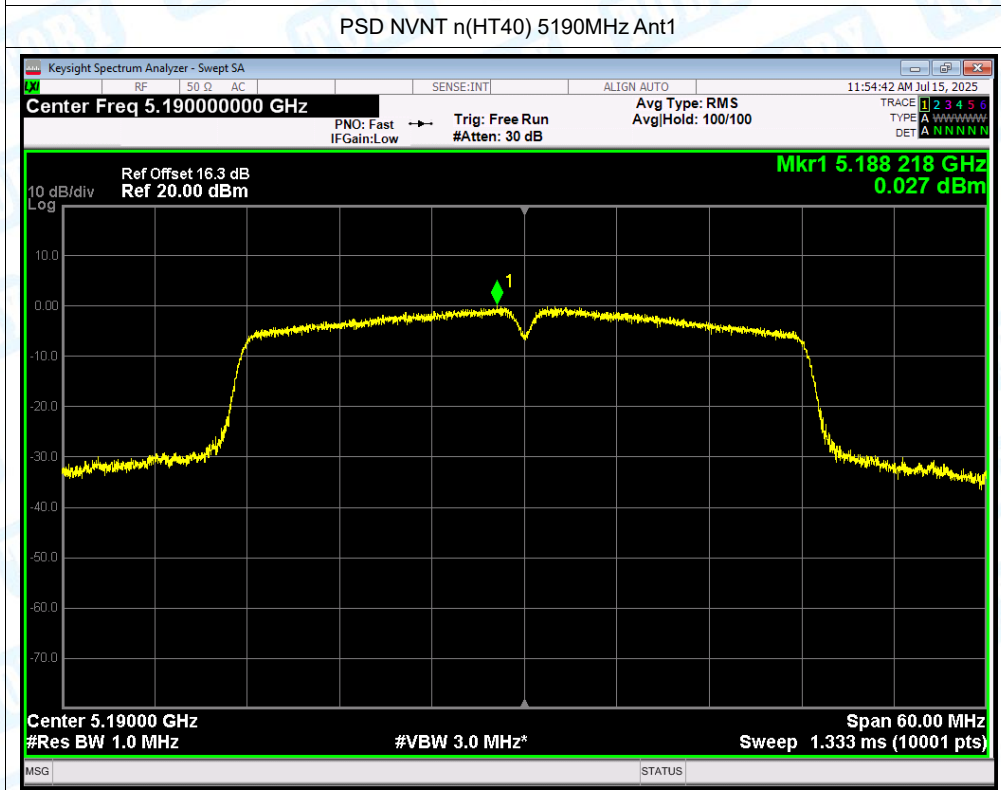
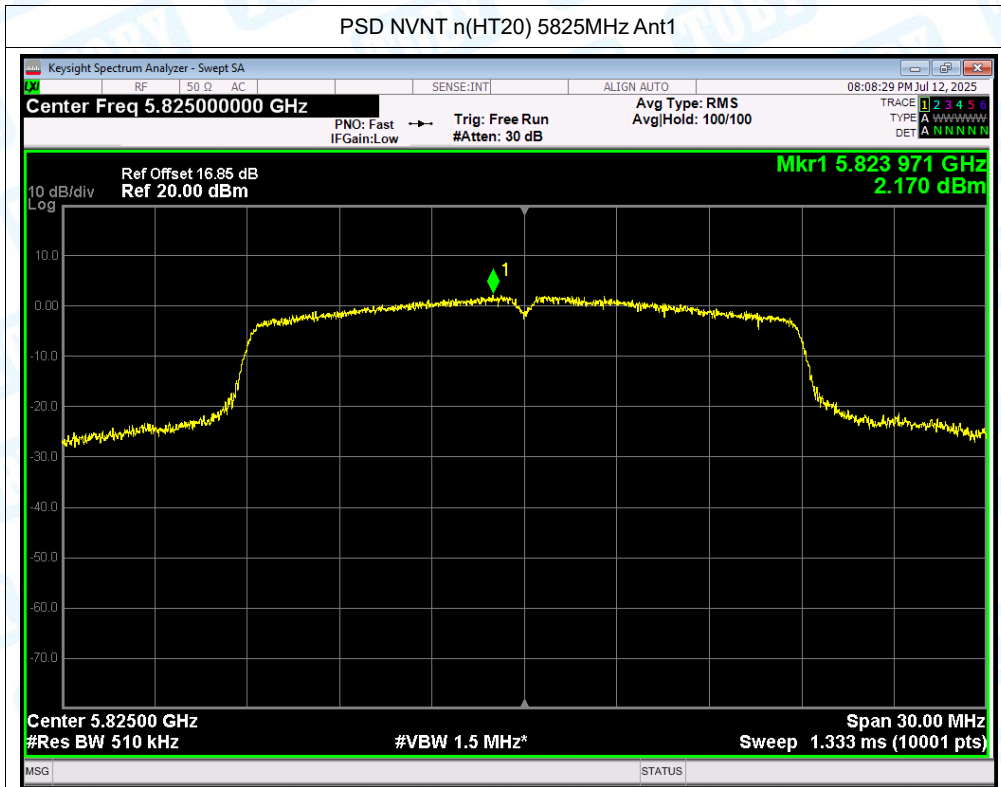


PSD NVNT n(HT20) 5745MHz Ant1

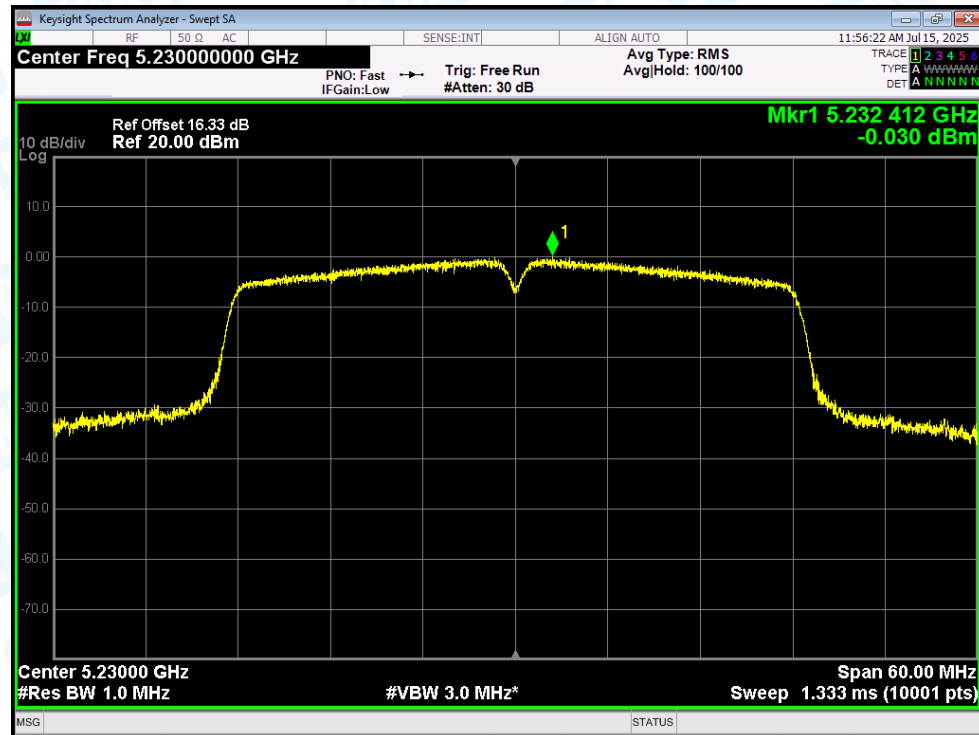


PSD NVNT n(HT20) 5785MHz Ant1

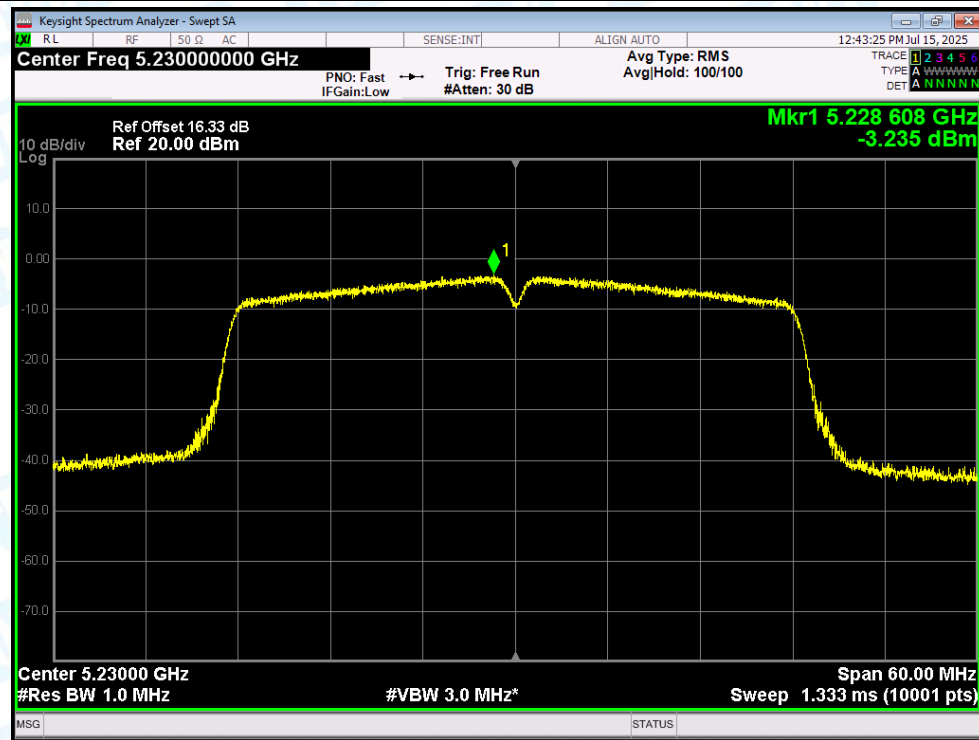




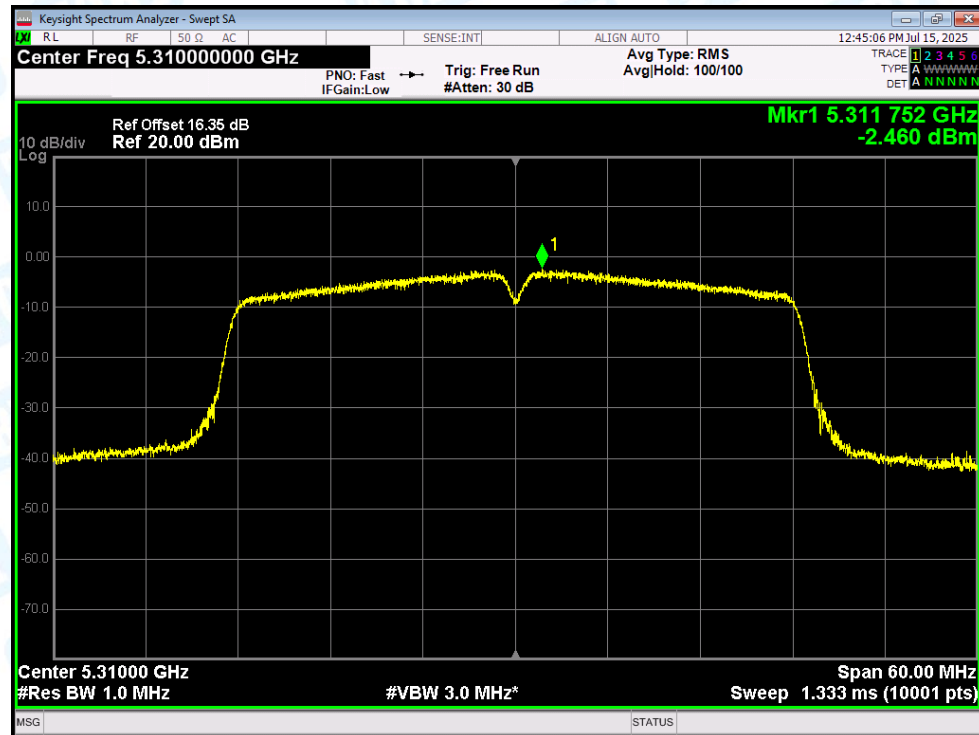
PSD NVNT n(HT40) 5230MHz Ant1



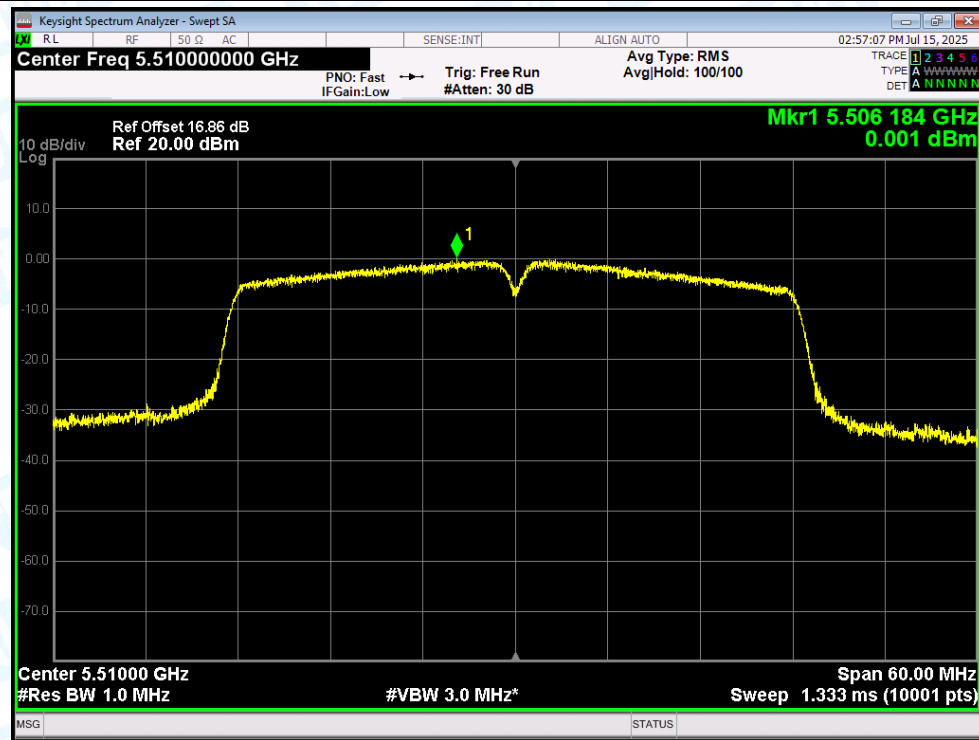
PSD NVNT n(HT40) 5230MHz Ant1

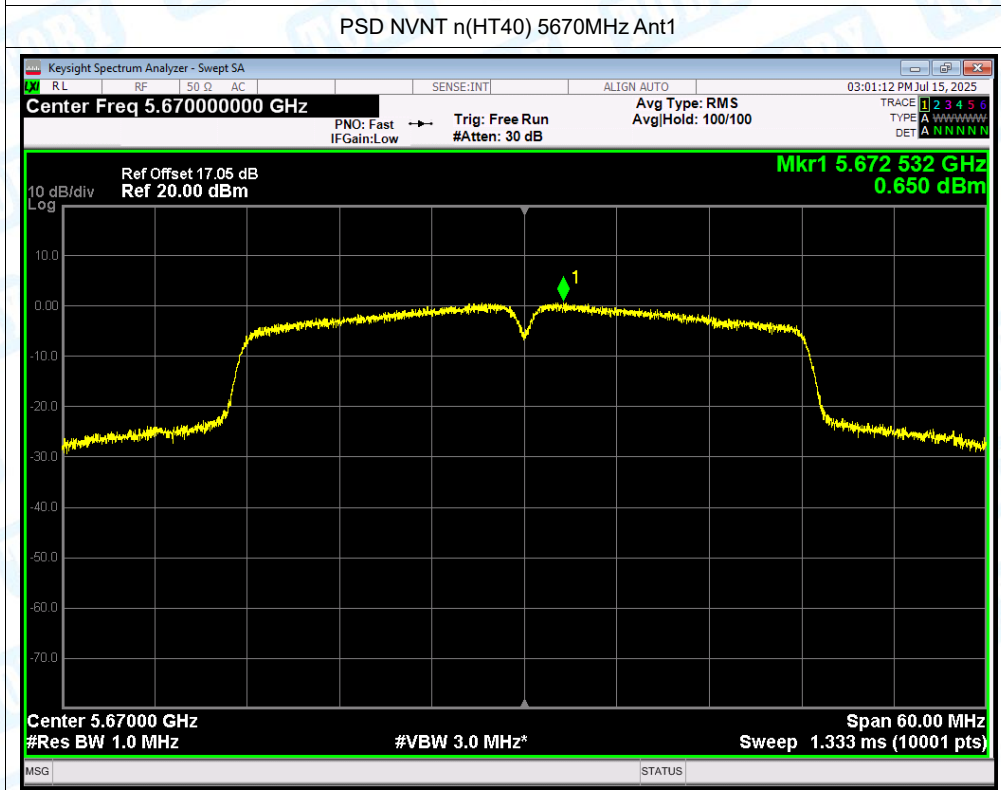
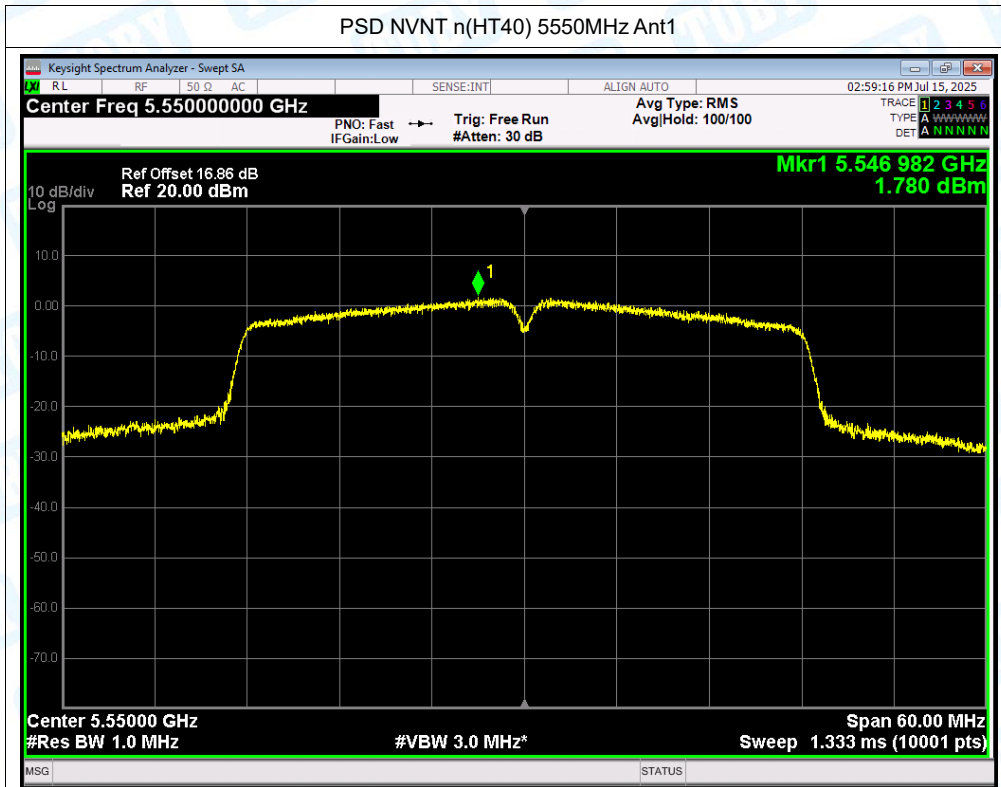


PSD NVNT n(HT40) 5310MHz Ant1

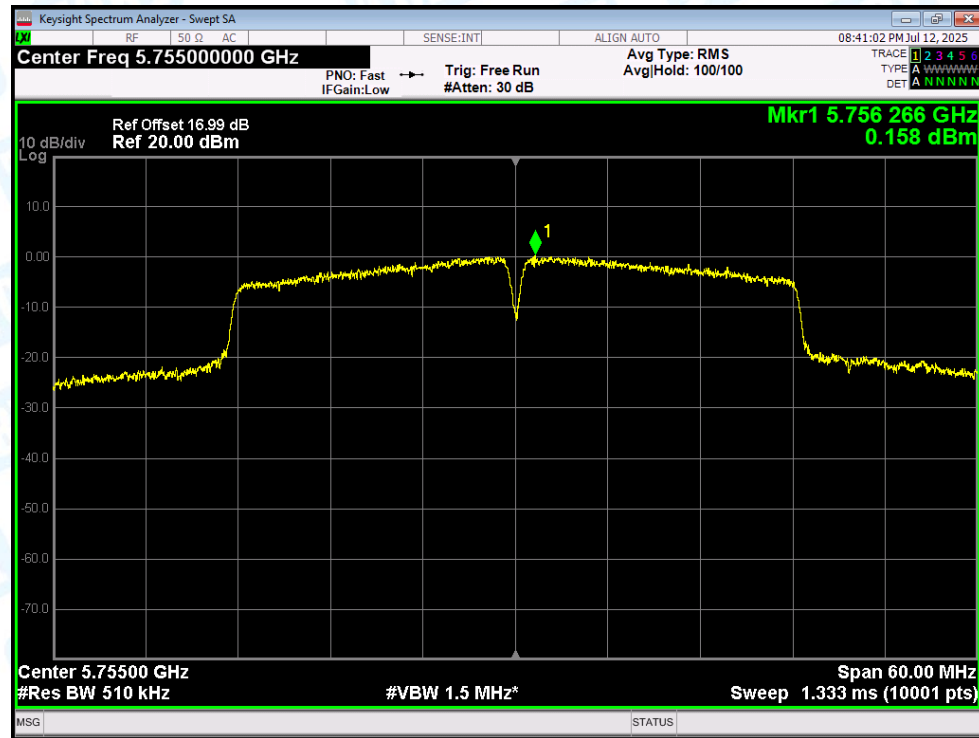


PSD NVNT n(HT40) 5510MHz Ant1

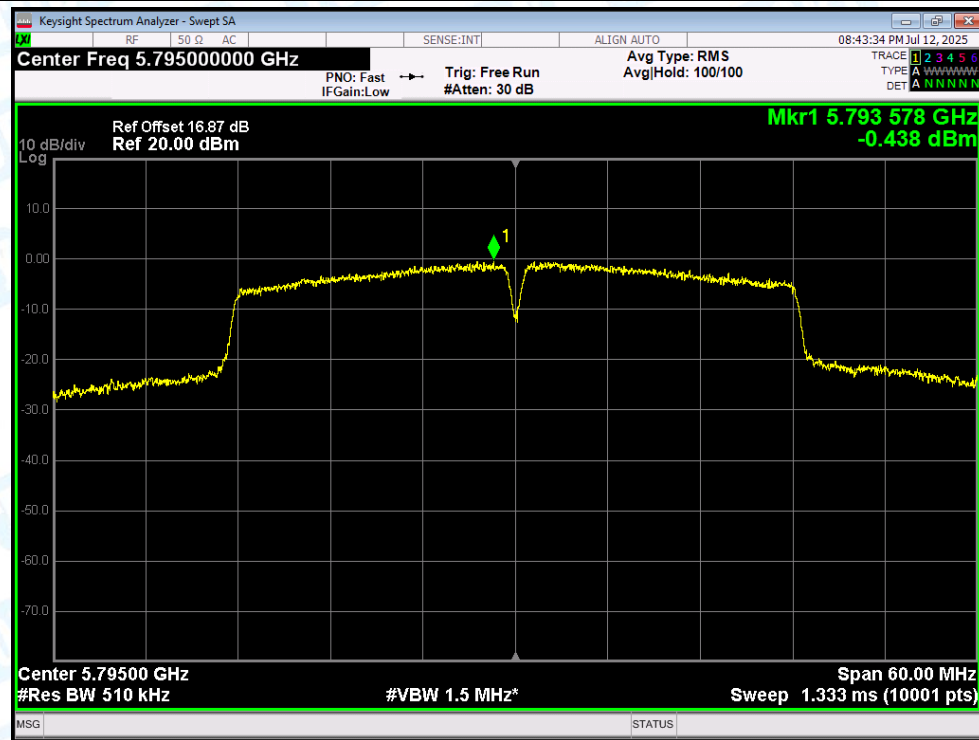




PSD NVNT n(HT40) 5755MHz Ant1



PSD NVNT n(HT40) 5795MHz Ant1

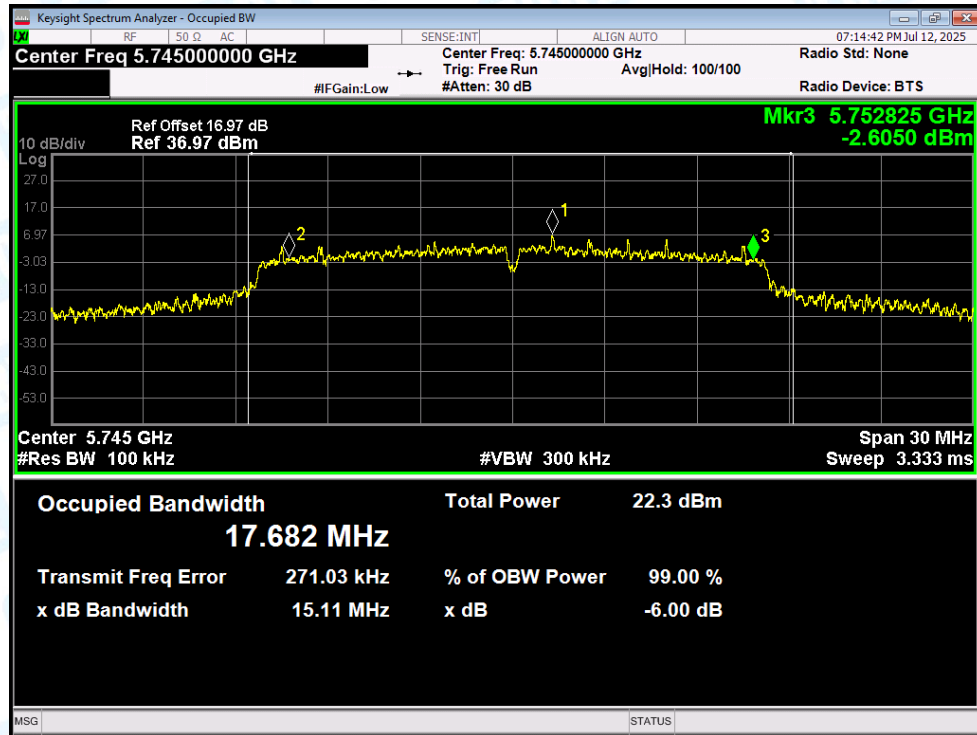


6. -6dB Bandwidth

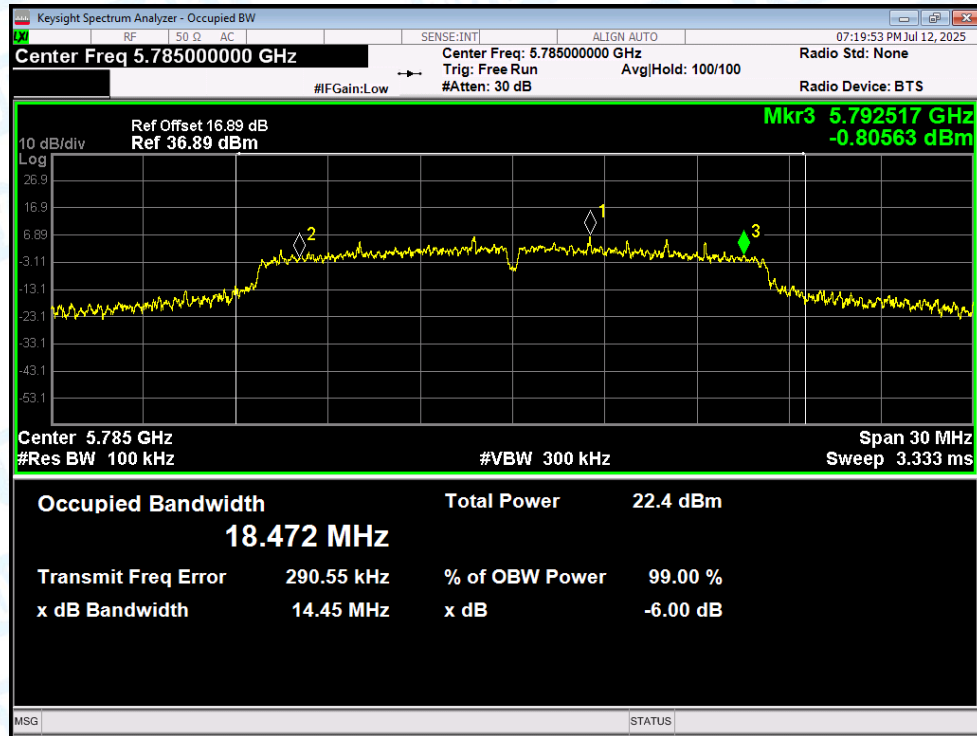
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.11	0.5	Pass
NVNT	a	5785	Ant1	14.45	0.5	Pass
NVNT	a	5825	Ant1	15.11	0.5	Pass
NVNT	ac(VHT20)	5745	Ant1	15.05	0.5	Pass
NVNT	ac(VHT20)	5785	Ant1	13.78	0.5	Pass
NVNT	ac(VHT20)	5825	Ant1	13.89	0.5	Pass
NVNT	ac(VHT40)	5755	Ant1	32.5	0.5	Pass
NVNT	ac(VHT40)	5795	Ant1	31.32	0.5	Pass
NVNT	ac(VHT80)	5775	Ant1	75.68	0.5	Pass
NVNT	n(HT20)	5745	Ant1	15.08	0.5	Pass
NVNT	n(HT20)	5785	Ant1	13.87	0.5	Pass
NVNT	n(HT20)	5825	Ant1	15.01	0.5	Pass
NVNT	n(HT40)	5755	Ant1	33.82	0.5	Pass
NVNT	n(HT40)	5795	Ant1	33.8	0.5	Pass

Test Graphs

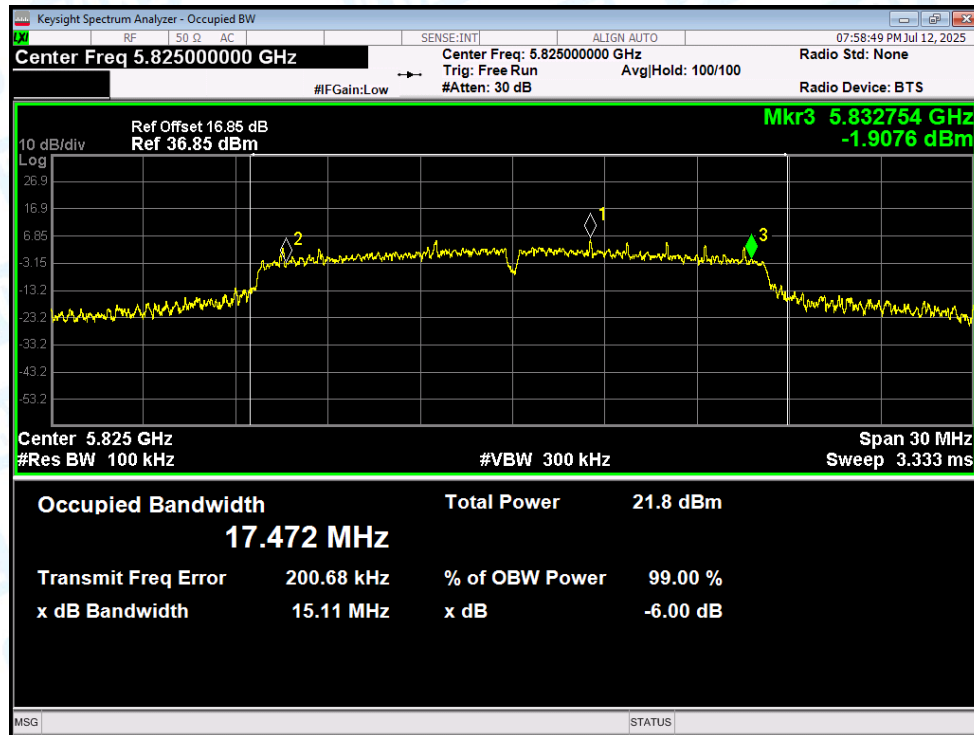
-6dB Bandwidth NVNT a 5745MHz Ant1



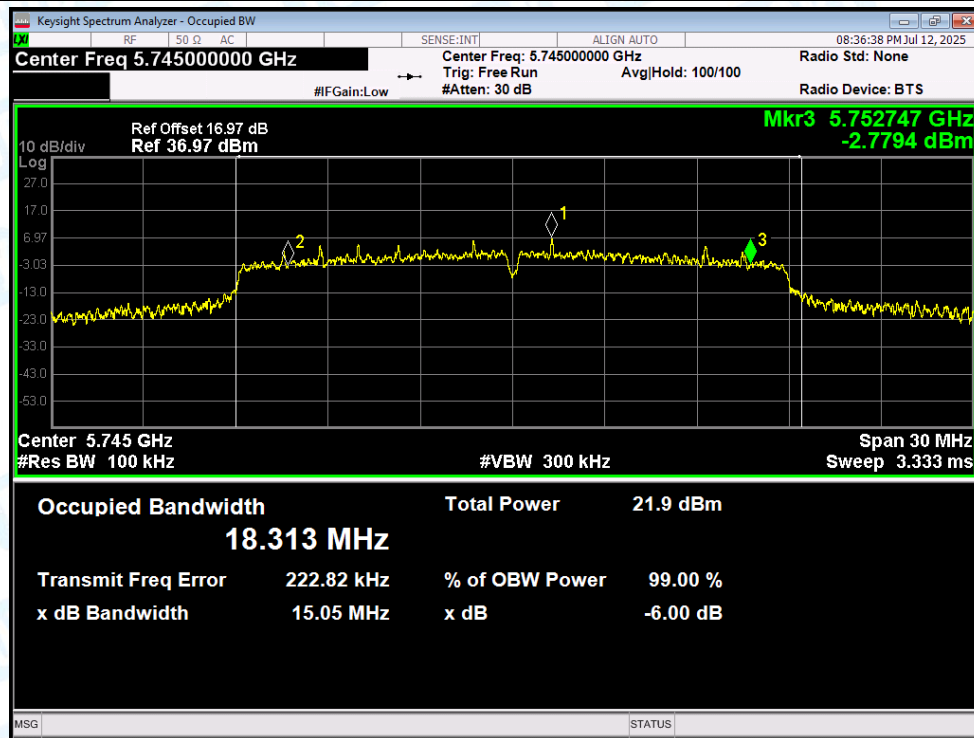
-6dB Bandwidth NVNT a 5785MHz Ant1



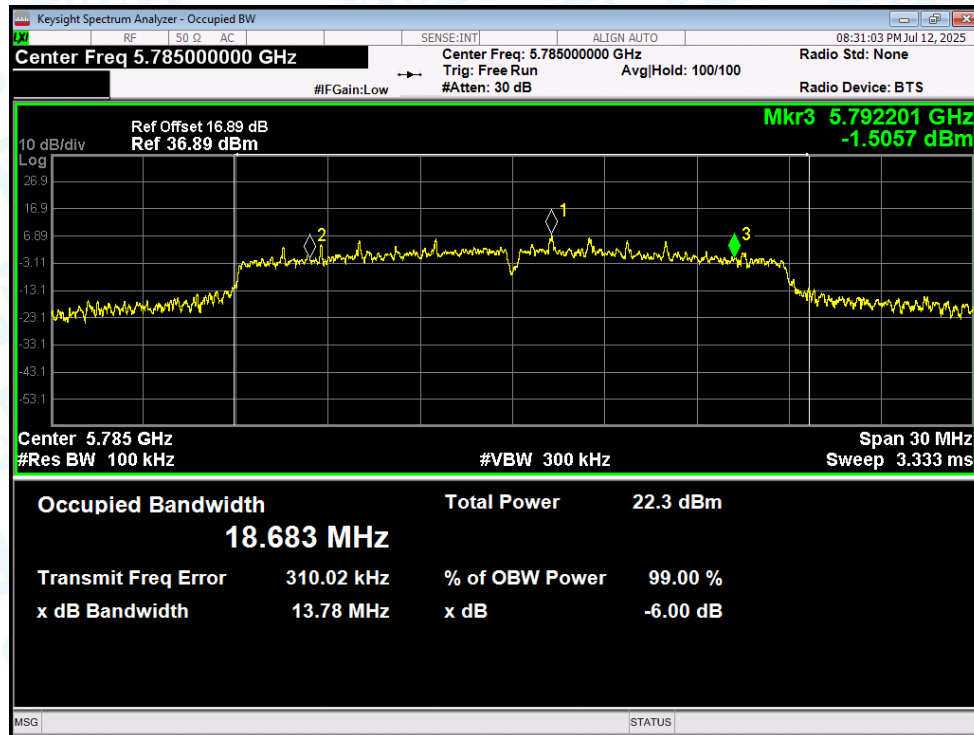
-6dB Bandwidth NVNT a 5825MHz Ant1



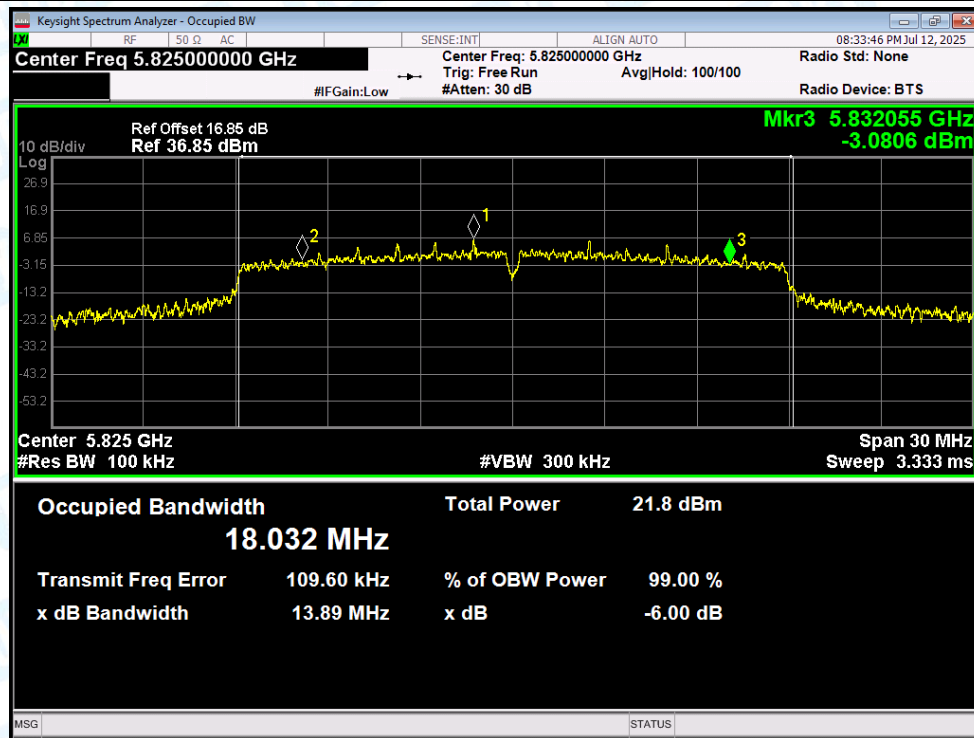
-6dB Bandwidth NVNT ac(VHT20) 5745MHz Ant1



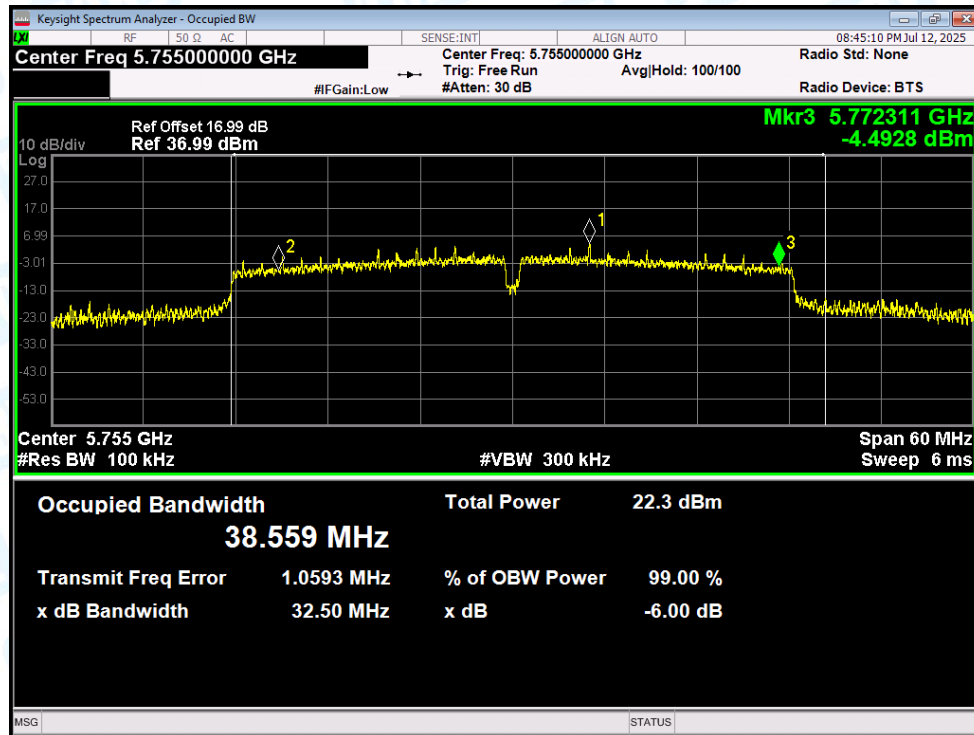
-6dB Bandwidth NVNT ac(VHT20) 5785MHz Ant1



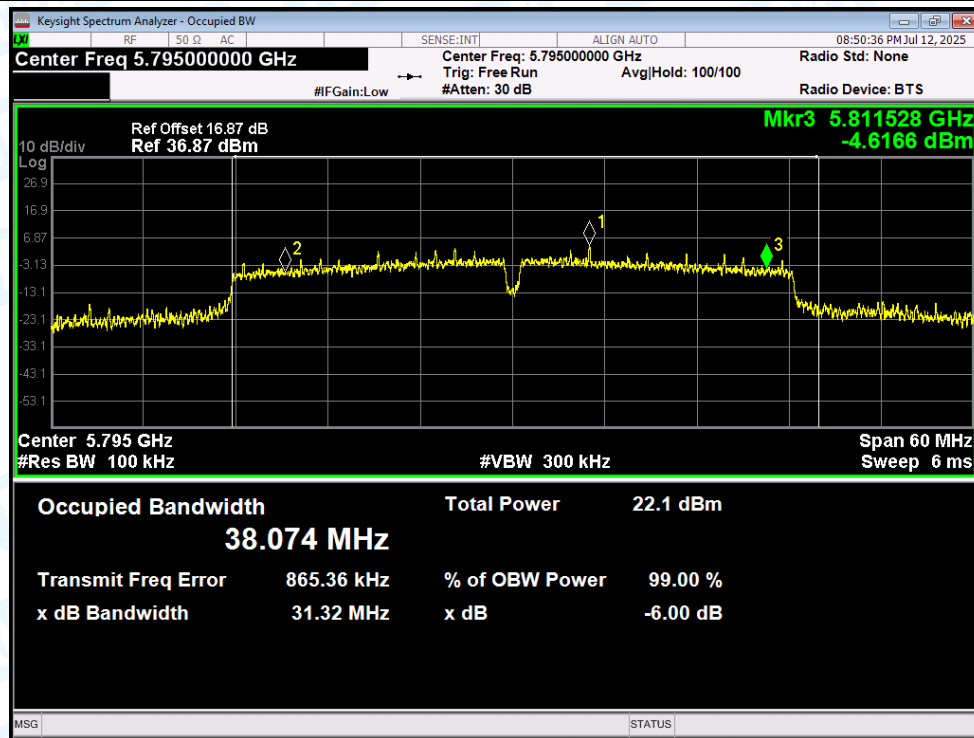
-6dB Bandwidth NVNT ac(VHT20) 5825MHz Ant1



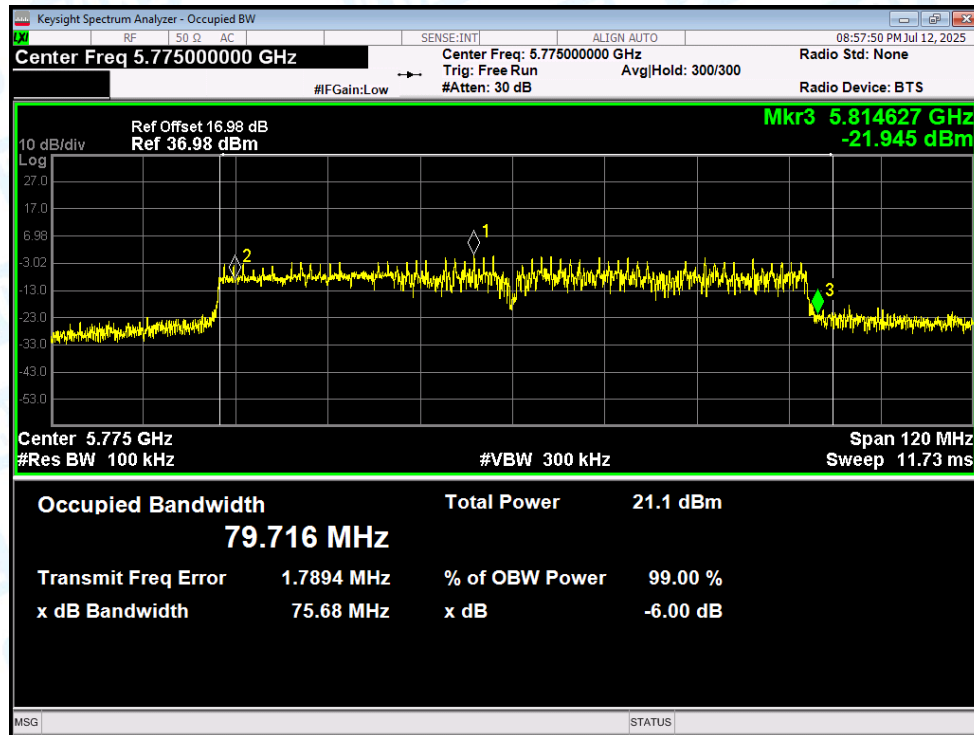
-6dB Bandwidth NVNT ac(VHT40) 5755MHz Ant1



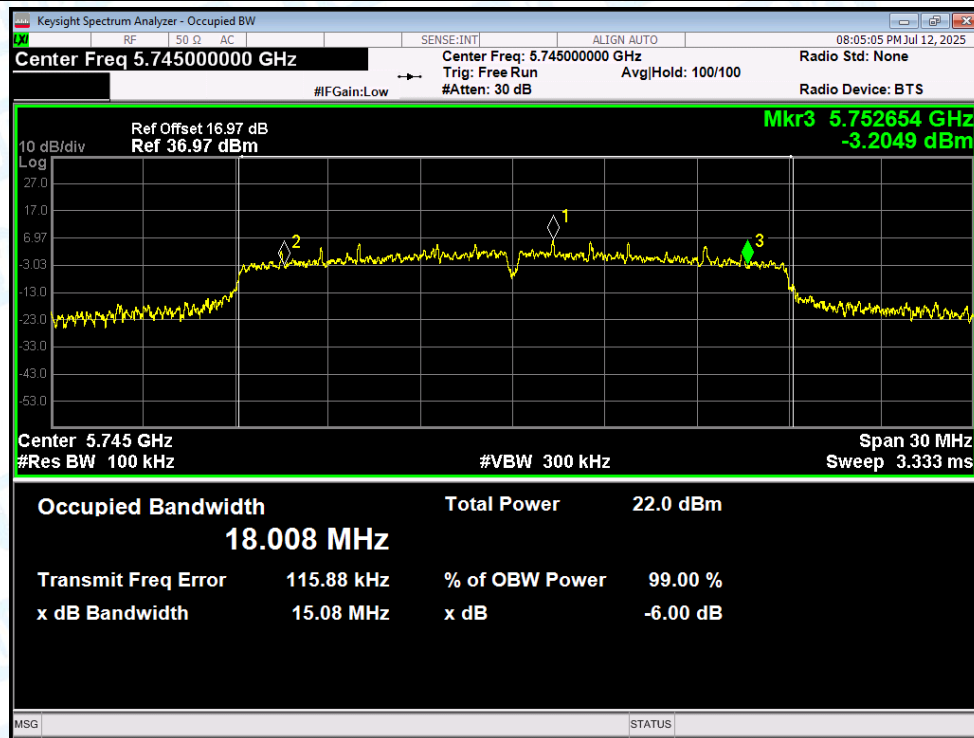
-6dB Bandwidth NVNT ac(VHT40) 5795MHz Ant1



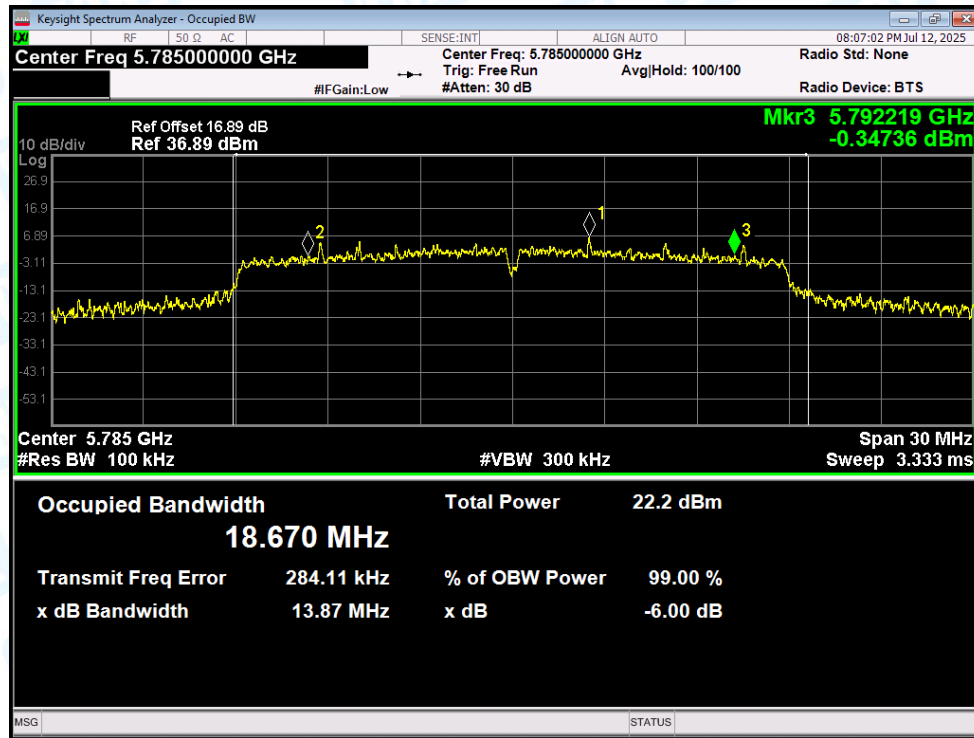
-6dB Bandwidth NVNT ac(VHT80) 5775MHz Ant1



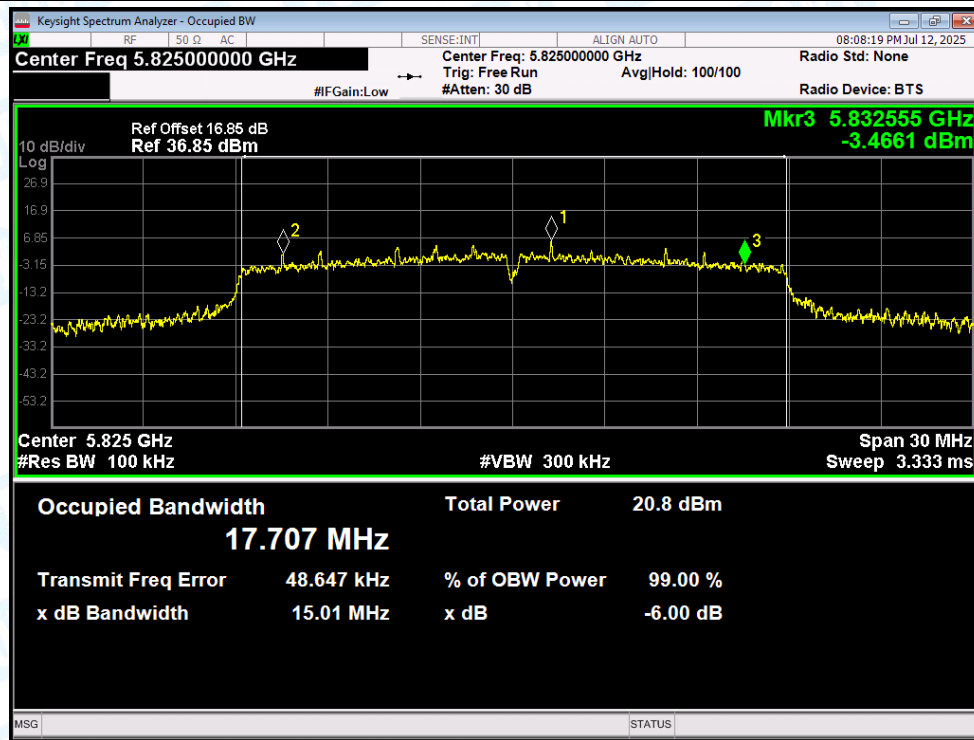
-6dB Bandwidth NVNT n(HT20) 5745MHz Ant1



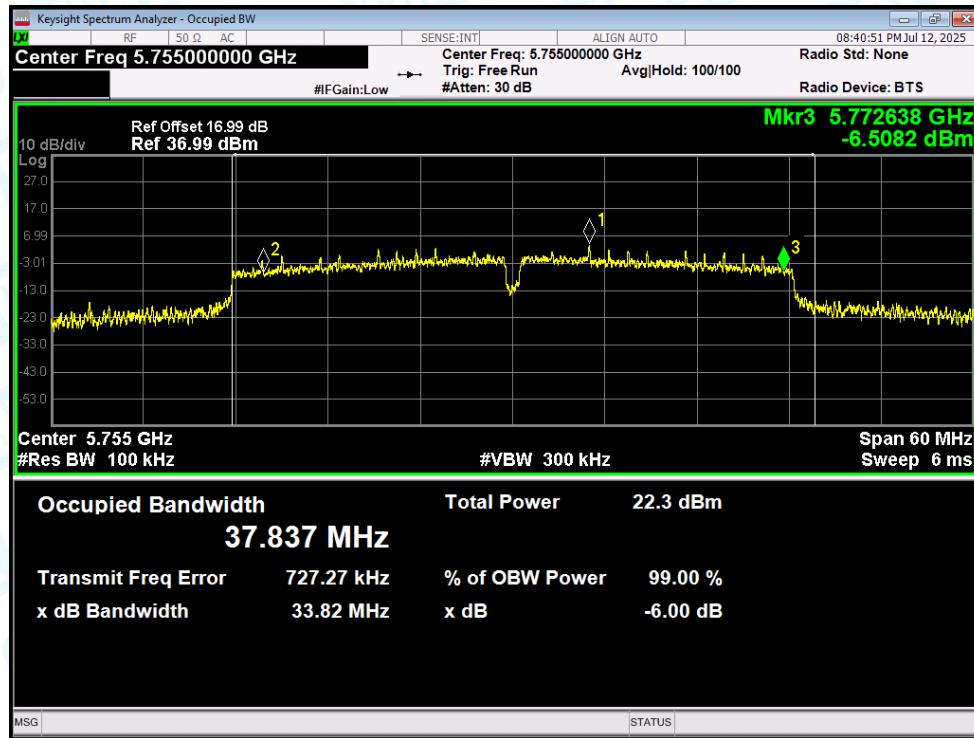
-6dB Bandwidth NVNT n(HT20) 5785MHz Ant1



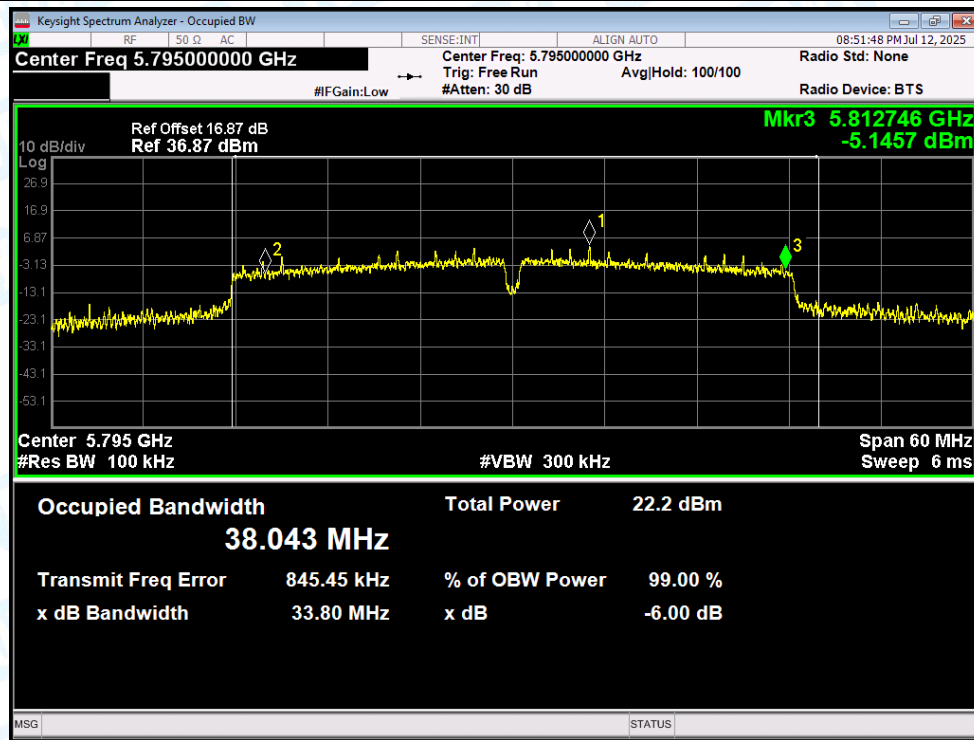
-6dB Bandwidth NVNT n(HT20) 5825MHz Ant1



-6dB Bandwidth NVNT n(HT40) 5755MHz Ant1



-6dB Bandwidth NVNT n(HT40) 5795MHz Ant1



7. Frequency Stability

Test Result

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SISO	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5180	LV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5180	HV	NT	20000.00	3.861004	20	PASS
11AC20SISO	Ant1	5200	NV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5200	LV	NT	20000.00	3.846154	20	PASS
11AC20SISO	Ant1	5200	HV	NT	20000.00	3.846154	20	PASS
11AC20SISO	Ant1	5240	NV	NT	20000.00	3.816794	20	PASS
11AC20SISO	Ant1	5240	LV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5240	HV	NT	20000.00	3.816794	20	PASS
11AC20SISO	Ant1	5260	NV	NT	20000.00	3.802281	20	PASS
11AC20SISO	Ant1	5260	LV	NT	20000.00	3.802281	20	PASS
11AC20SISO	Ant1	5260	HV	NT	20000.00	3.802281	20	PASS
11AC20SISO	Ant1	5280	NV	NT	20000.00	3.787879	20	PASS
11AC20SISO	Ant1	5280	LV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5280	HV	NT	20000.00	3.787879	20	PASS
11AC20SISO	Ant1	5320	NV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5320	LV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5320	HV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5500	NV	NT	20000.00	3.636364	20	PASS
11AC20SISO	Ant1	5500	LV	NT	20000.00	3.636364	20	PASS
11AC20SISO	Ant1	5500	HV	NT	20000.00	3.636364	20	PASS
11AC20SISO	Ant1	5580	NV	NT	20000.00	3.584229	20	PASS
11AC20SISO	Ant1	5580	LV	NT	20000.00	3.584229	20	PASS
11AC20SISO	Ant1	5580	HV	NT	20000.00	3.584229	20	PASS
11AC20SISO	Ant1	5700	NV	NT	20000.00	3.508772	20	PASS
11AC20SISO	Ant1	5700	LV	NT	20000.00	3.508772	20	PASS
11AC20SISO	Ant1	5700	HV	NT	20000.00	3.508772	20	PASS
11AC20SISO	Ant1	5745	NV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5745	LV	NT	20000.00	3.481288	20	PASS
11AC20SISO	Ant1	5745	HV	NT	20000.00	3.481288	20	PASS
11AC20SISO	Ant1	5785	NV	NT	20000.00	3.457217	20	PASS
11AC20SISO	Ant1	5785	LV	NT	20000.00	3.457217	20	PASS
11AC20SISO	Ant1	5785	HV	NT	20000.00	3.457217	20	PASS
11AC20SISO	Ant1	5825	NV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5825	LV	NT	40000.00	6.866953	20	PASS
11AC20SISO	Ant1	5825	HV	NT	20000.00	3.433476	20	PASS
11AC40SISO	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5190	LV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5190	HV	NT	40000.00	7.707129	20	PASS

11AC40SISO	Ant1	5230	NV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5230	LV	NT	40000.00	7.648184	20	PASS
11AC40SISO	Ant1	5230	HV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5270	NV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5270	LV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5270	HV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5310	NV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5310	LV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5310	HV	NT	40000.00	7.532957	20	PASS
11AC40SISO	Ant1	5510	NV	NT	40000.00	7.259528	20	PASS
11AC40SISO	Ant1	5510	LV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5510	HV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5550	NV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5550	LV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5550	HV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5670	NV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5670	LV	NT	40000.00	7.054674	20	PASS
11AC40SISO	Ant1	5670	HV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5755	NV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5755	LV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5755	HV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5795	NV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5795	LV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5795	HV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	NV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	LV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	HV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5290	NV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5290	LV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5290	HV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5530	NV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5530	LV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5530	HV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5610	NV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5610	LV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5610	HV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5775	NV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5775	LV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5775	HV	NT	0.00	0.000000	20	PASS

--- END OF REPORT ---