

GTSL2025020051E06 Appendix 5.8G 20M

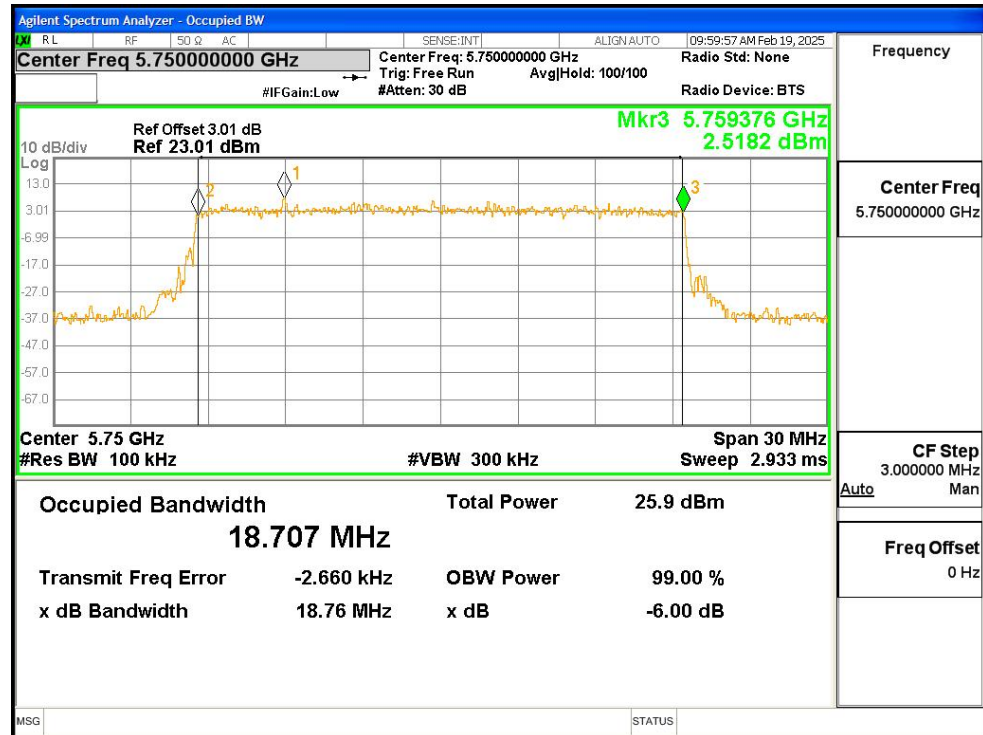
-6dB Emission Bandwidth	2
Frequency Range	6
Occupied Channel Bandwidth	9
RF Output Power	13
Spurious Emission	17
Adjacent channel selectivity	36
Receiver Blocking	40

-6dB Emission Bandwidth

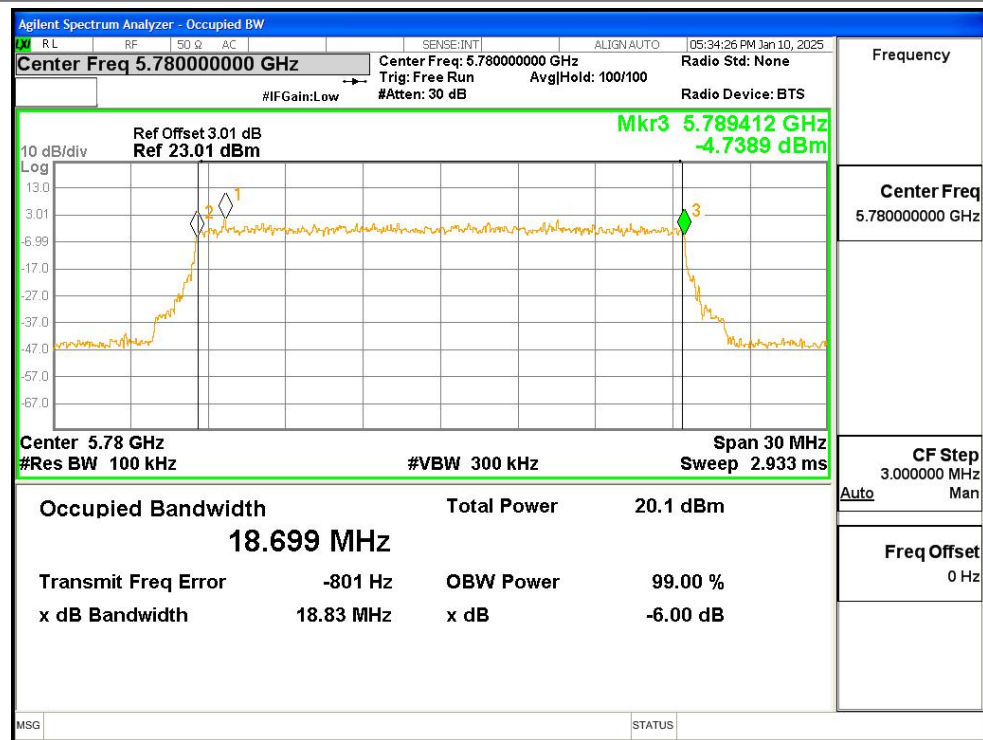
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5750	Ant1	18.757	0.5	Pass
		5780		18.825	0.5	Pass
		5820		18.885	0.5	Pass
		5750	Ant2	18.855	0.5	Pass
		5780		18.87	0.5	Pass
		5820		18.769	0.5	Pass

Test Graphs

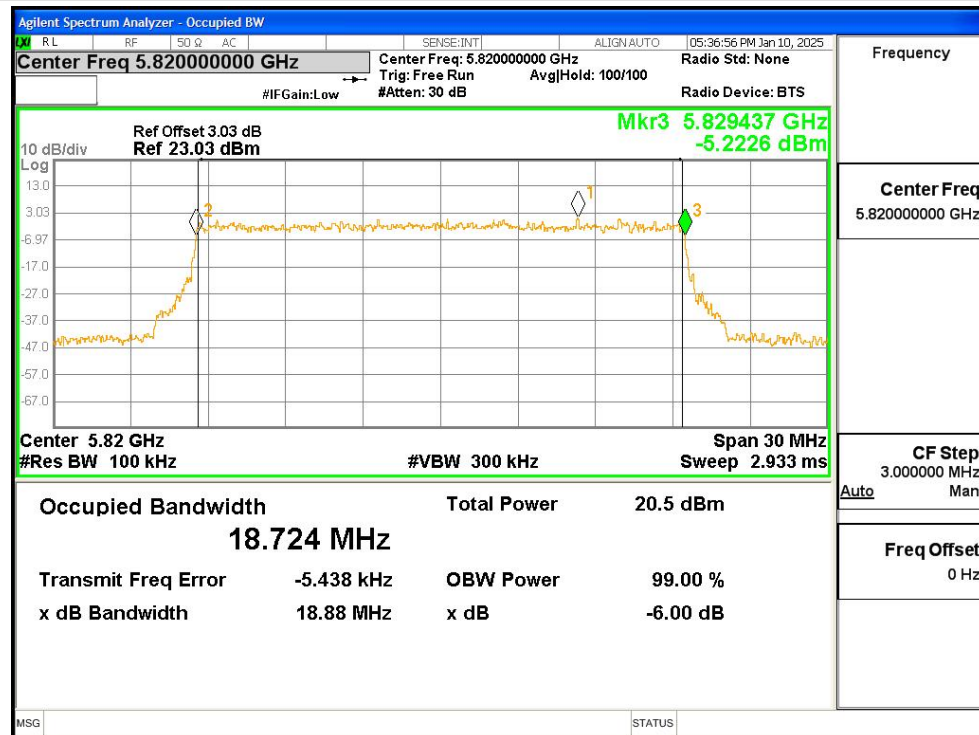
EBW NVNT a 5750MHz Ant1



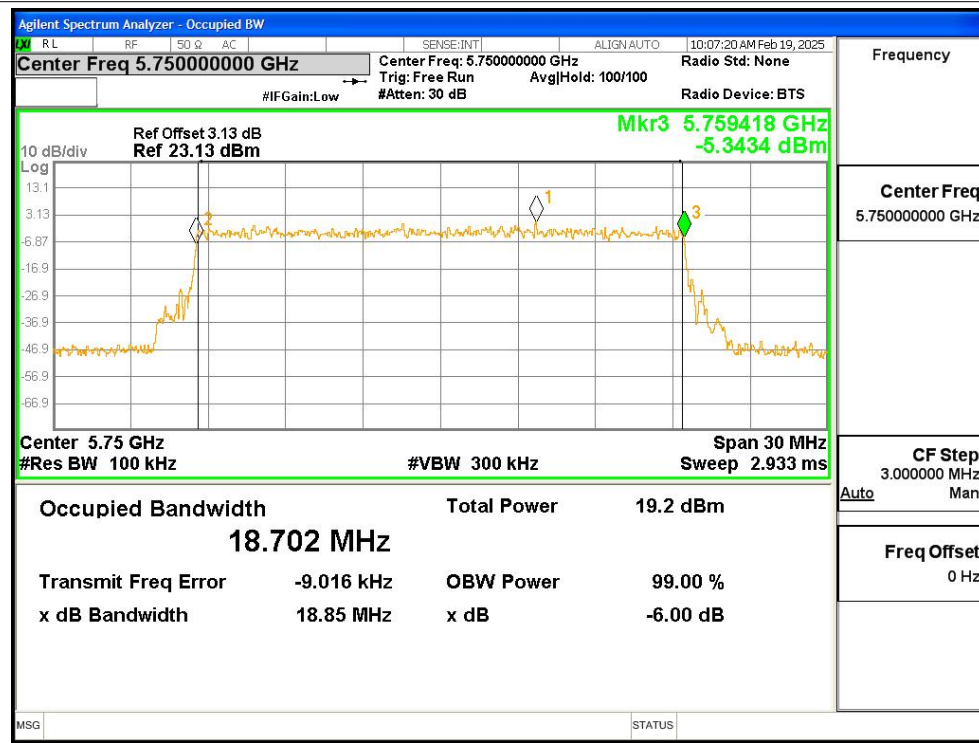
EBW NVNT a 5780MHz Ant1



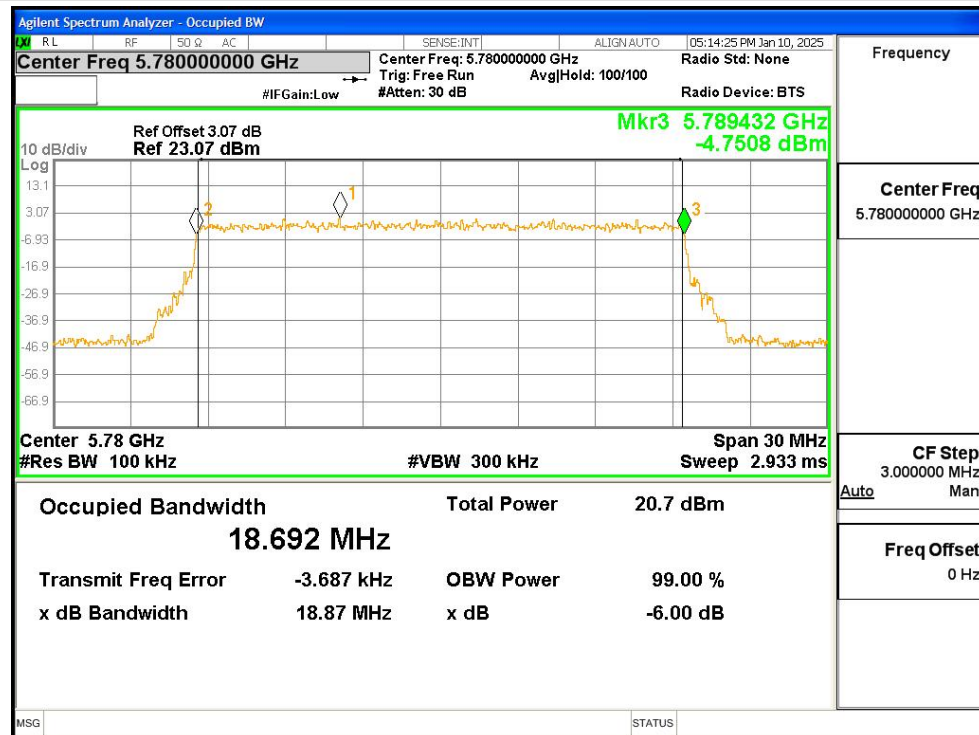
EBW NVNT a 5820MHz Ant1



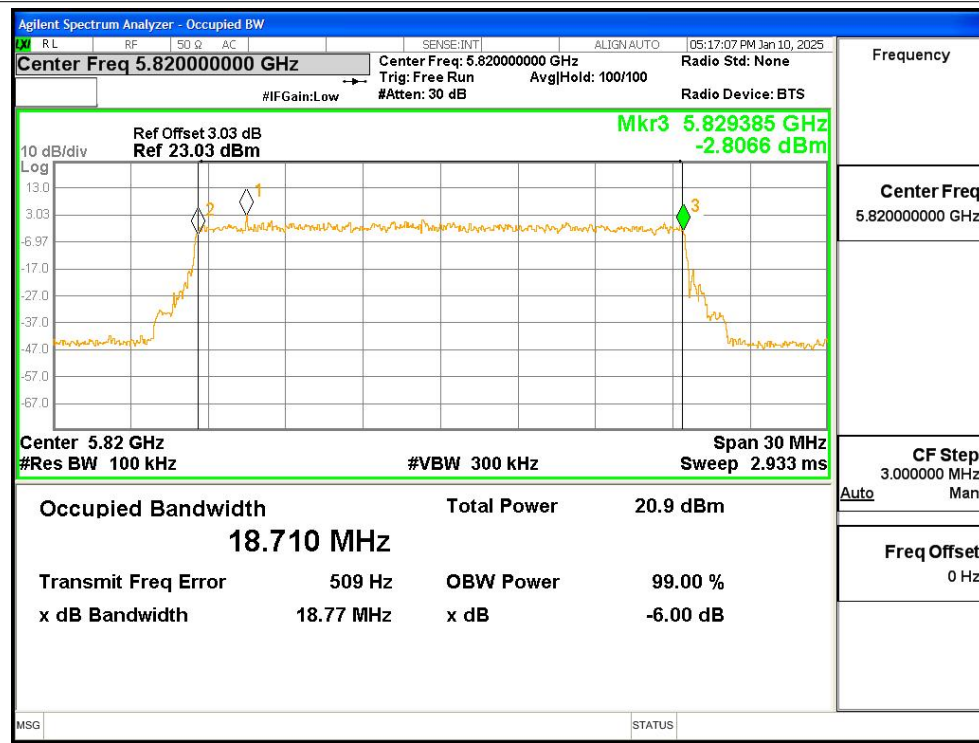
EBW NVNT a 5750MHz Ant2



EBW NVNT a 5780MHz Ant2



EBW NVNT a 5820MHz Ant2

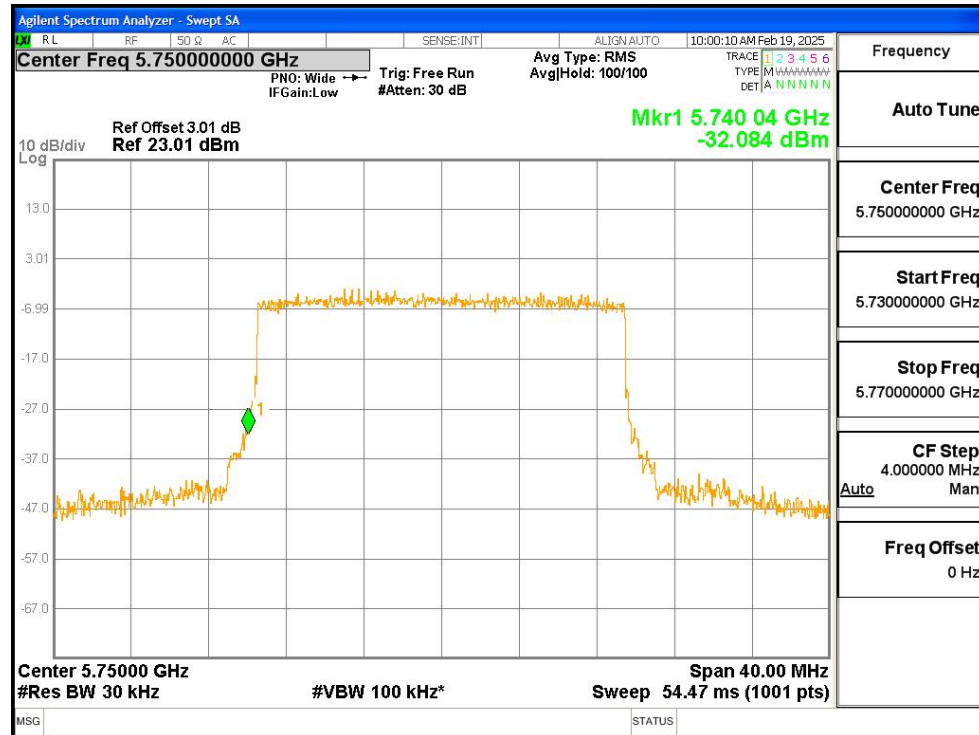


Frequency Range

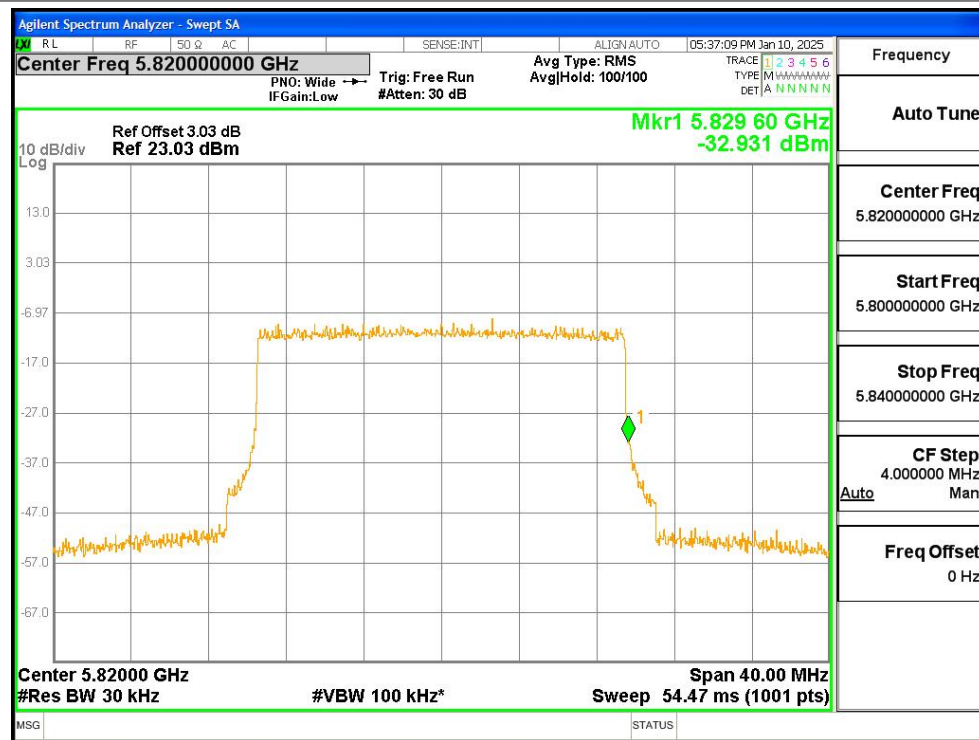
Condition	Mode	Frequency (MHz)	Antenna	Frequency Range (MHz)	Limit (MHz)	Verdict
NVNT	a	5750	Ant1	5740.04	≥ 5725	Pass
		5820		5829.6	≤ 5875	Pass
		5750	Ant2	5740.48	≥ 5725	Pass
		5820		5829.56	≤ 5875	Pass

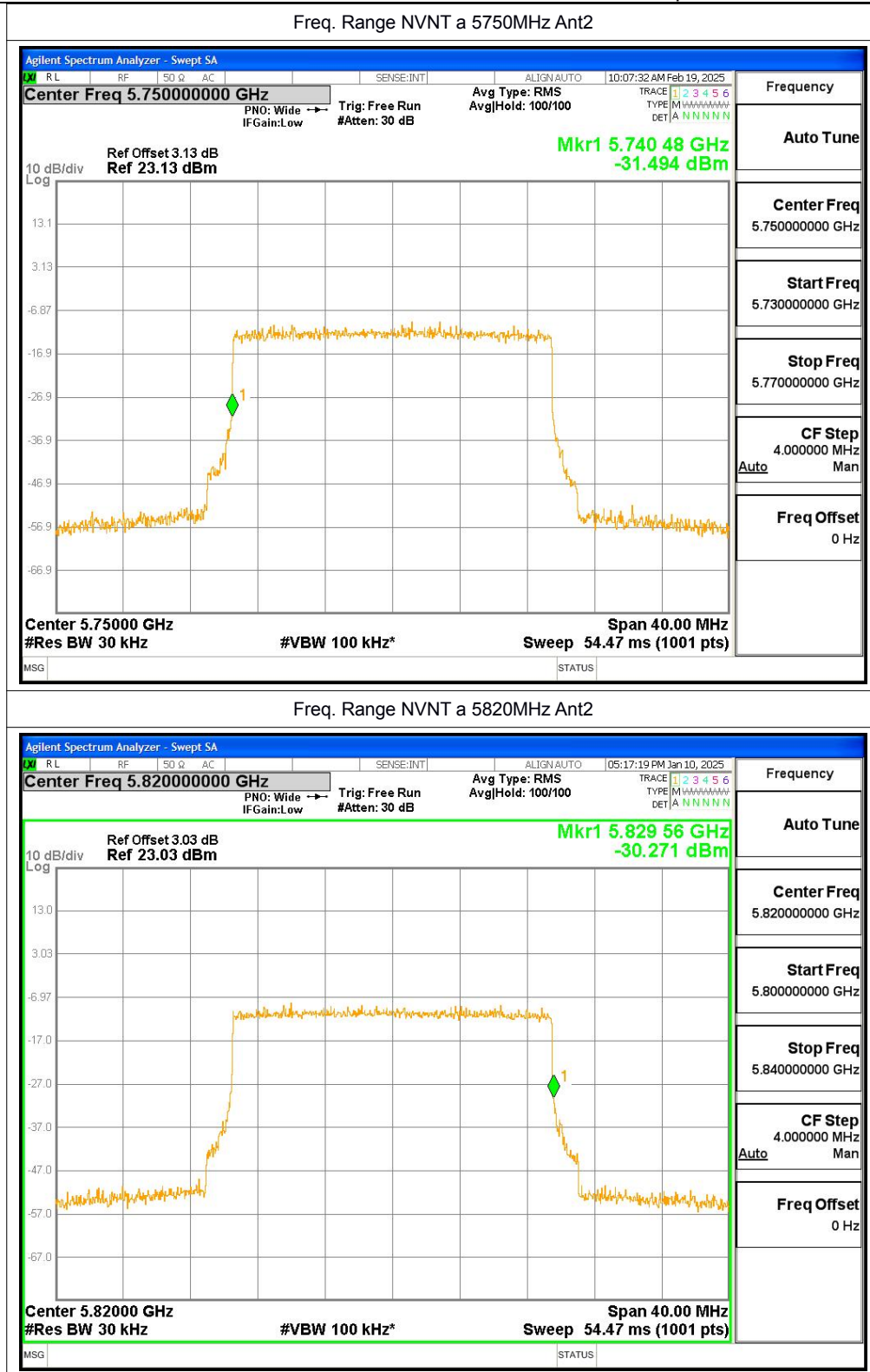
Test Graphs

Freq. Range NVNT a 5750MHz Ant1



Freq. Range NVNT a 5820MHz Ant1



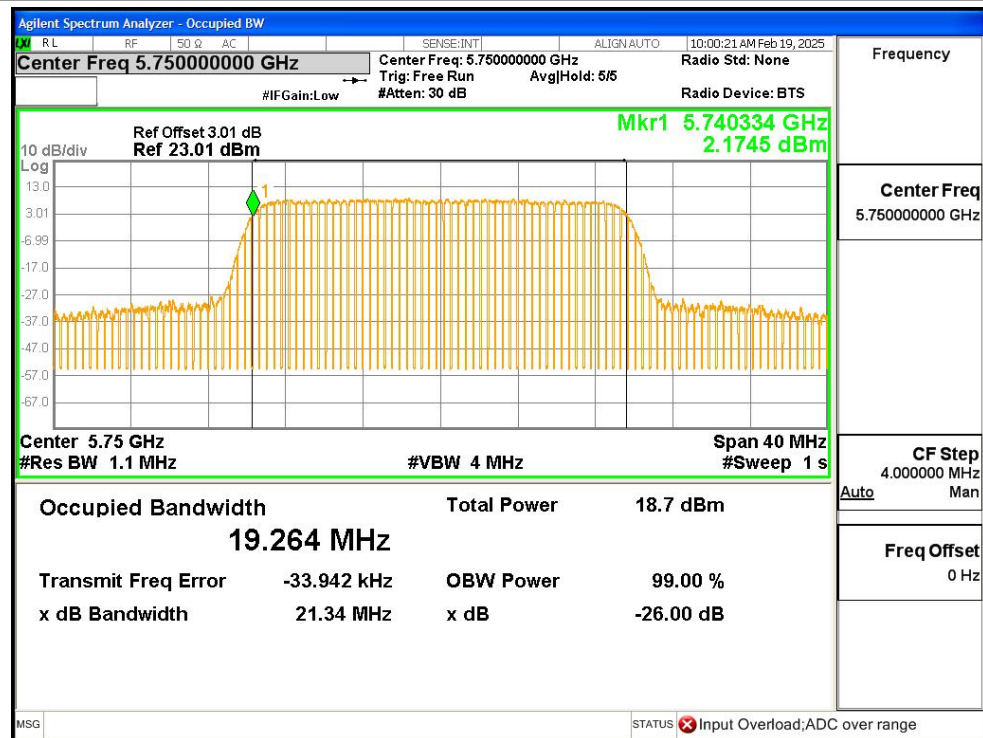


Occupied Channel Bandwidth

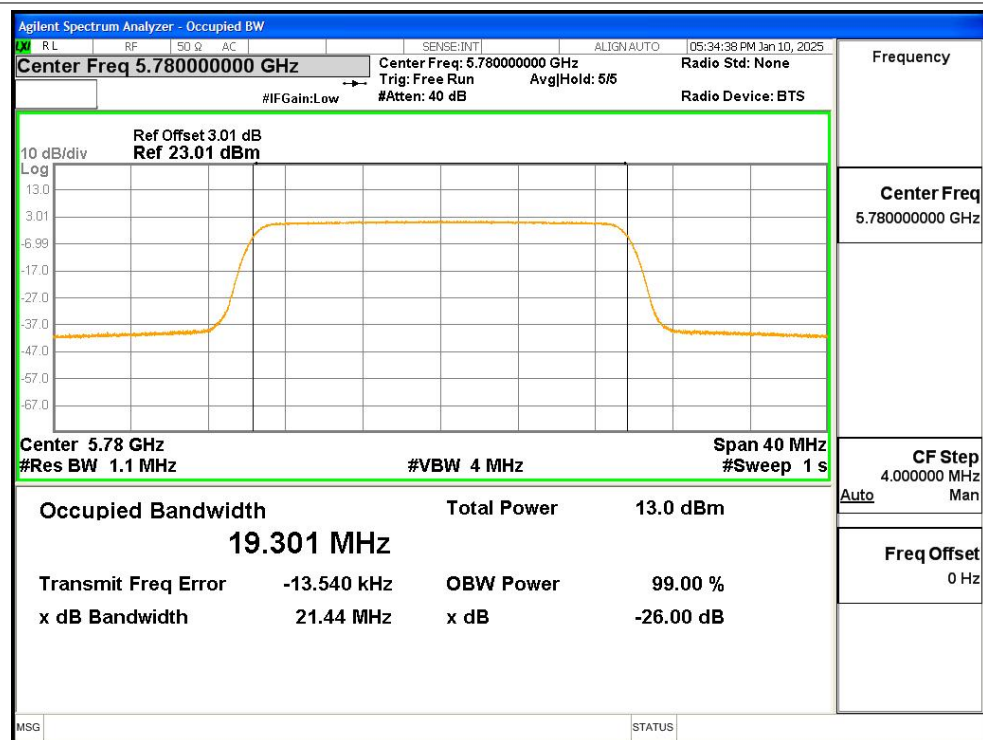
Condition	Mode	Frequency (MHz)	Antenna	Center Frequency (MHz)	OBW (MHz)	Verdict
NVNT	a	5750	Ant1	5749.966	19.264	Pass
		5780		5779.986	19.301	Pass
		5820		5819.979	19.305	Pass
		5750	Ant2	5749.97	19.225	Pass
		5780		5779.98	19.299	Pass
		5820		5819.972	19.288	Pass

Test Graphs

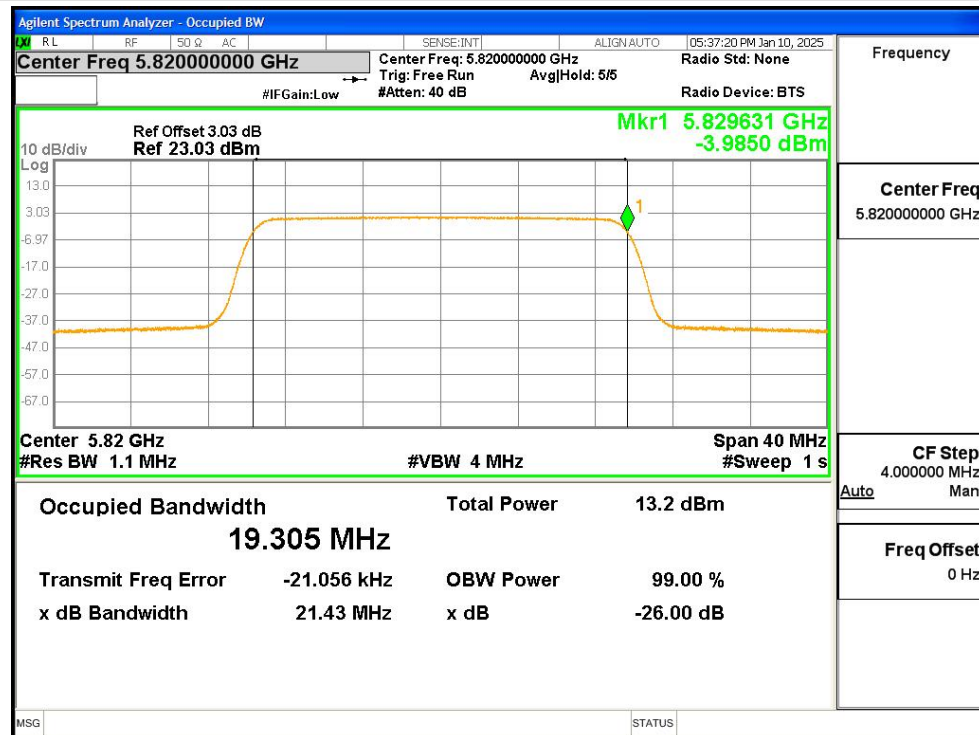
OBW NVNT a 5750MHz Ant1



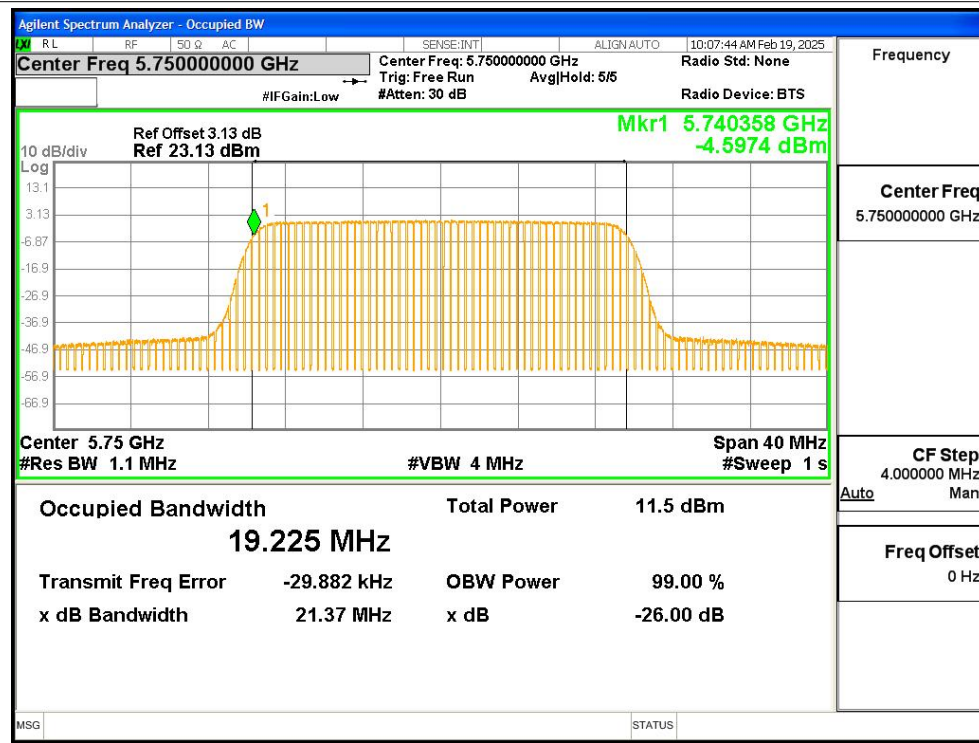
OBW NVNT a 5780MHz Ant1



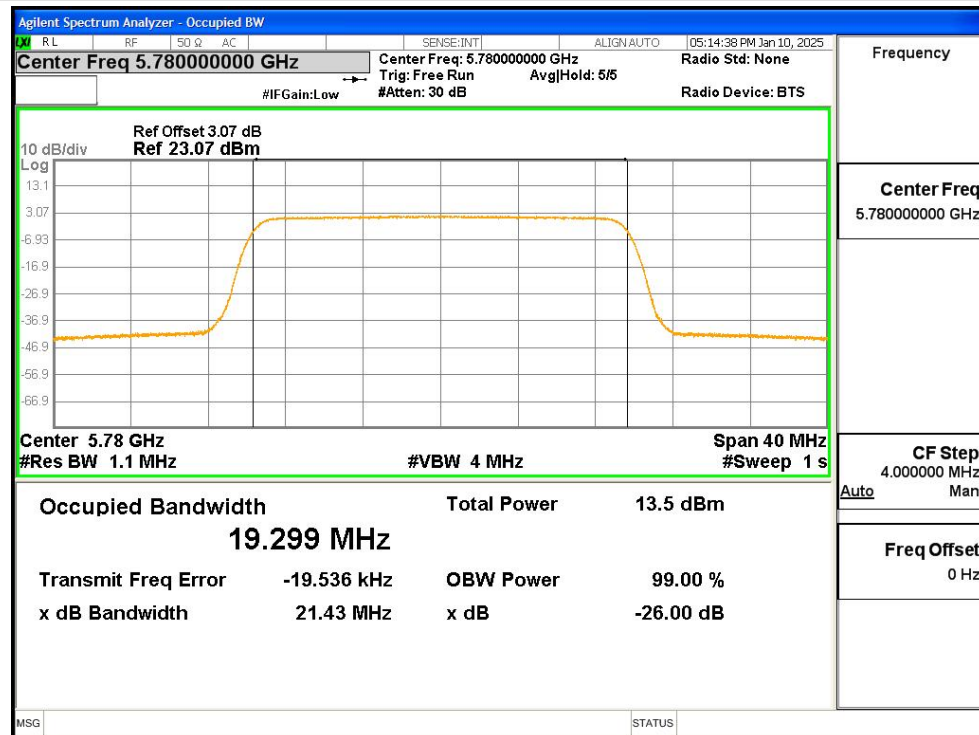
OBW NVNT a 5820MHz Ant1



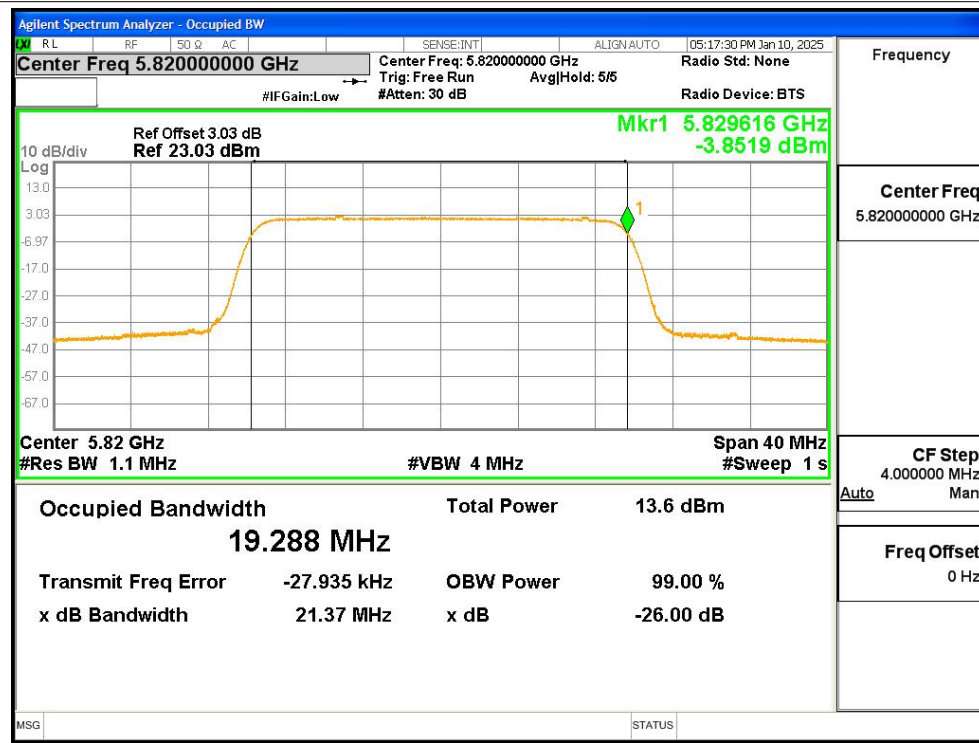
OBW NVNT a 5750MHz Ant2



OBW NVNT a 5780MHz Ant2



OBW NVNT a 5820MHz Ant2

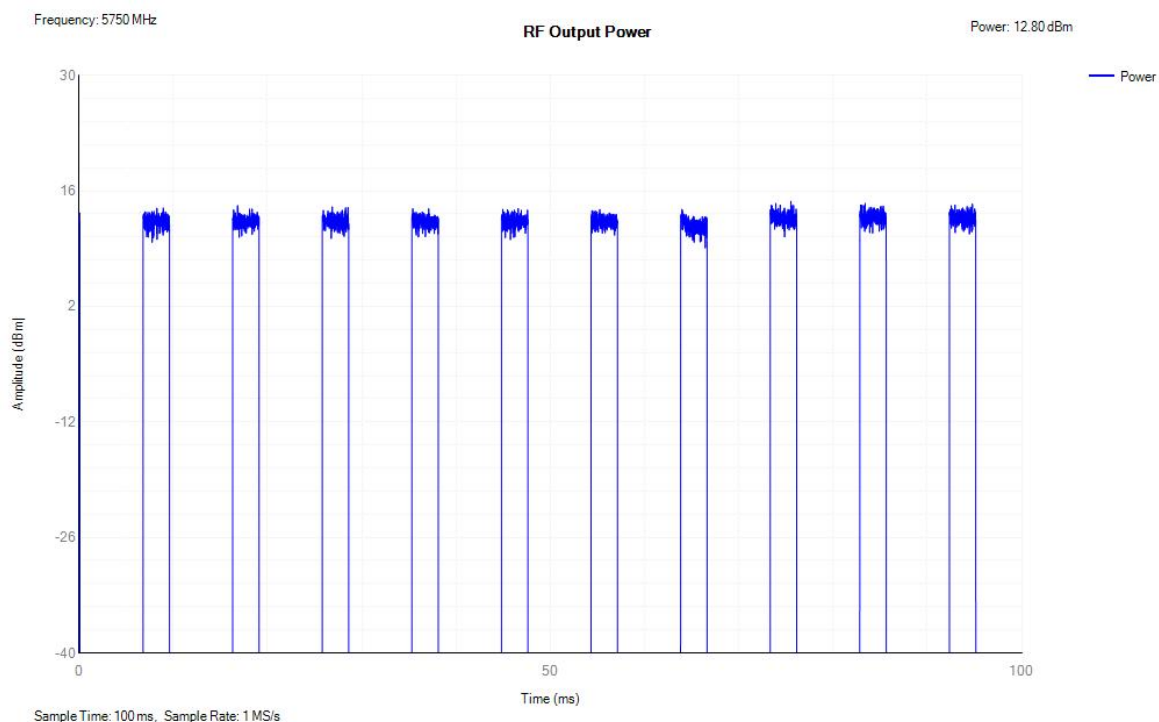


RF Output Power

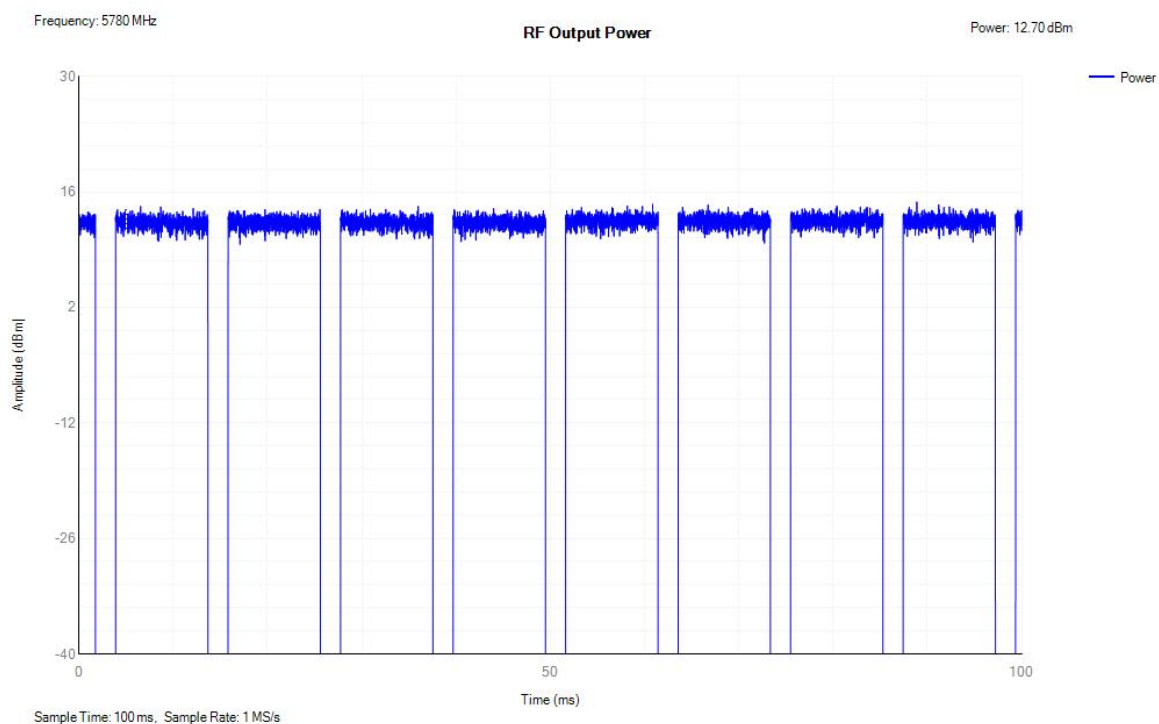
Condition	Mode	Frequency (MHz)	Antenna	Max Burst RMS Power (dBm)	Burst Number	Max EIRP (dBm)	Limit (dBm)	Verdict
NVNT	a	5750	Ant1	12.8	11	12.8	13.98	Pass
		5780		12.7	10	12.7	13.98	Pass
		5820		12.9	10	12.9	13.98	Pass
		5750	Ant2	12.05	10	12.05	13.98	Pass
		5780		13.09	9	13.09	13.98	Pass
		5820		12.94	9	12.94	13.98	Pass

Test Graphs

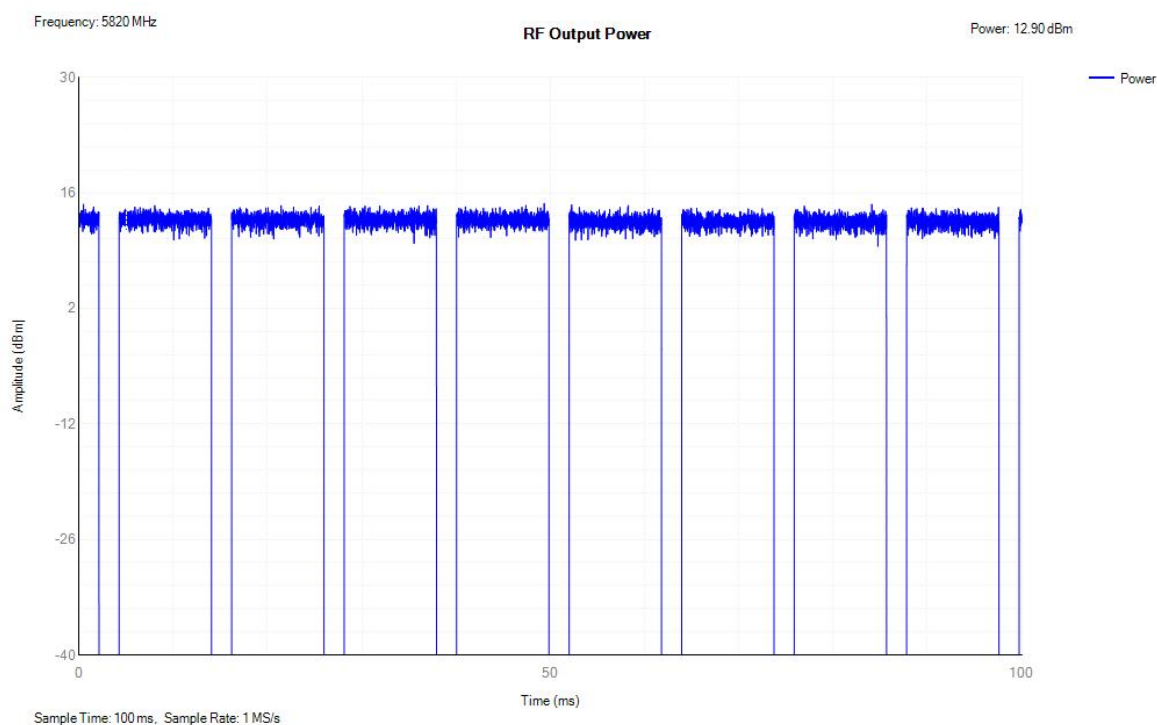
Power NVNT a 5750MHz Ant1



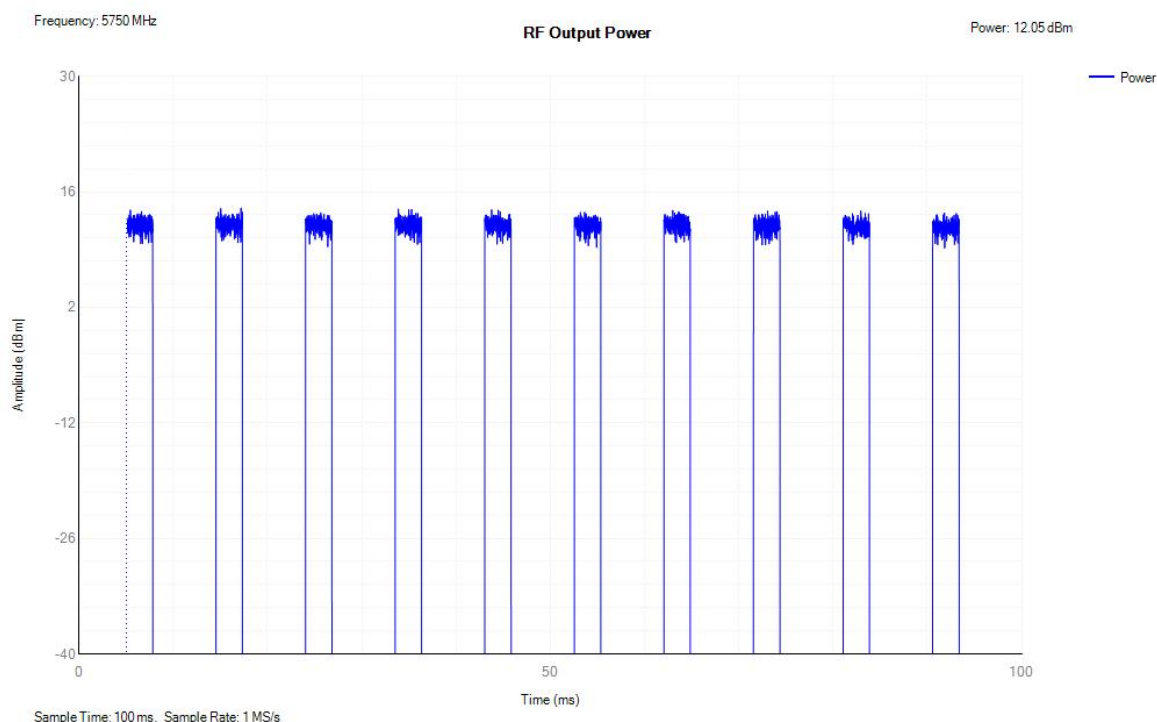
Power NVNT a 5780MHz Ant1



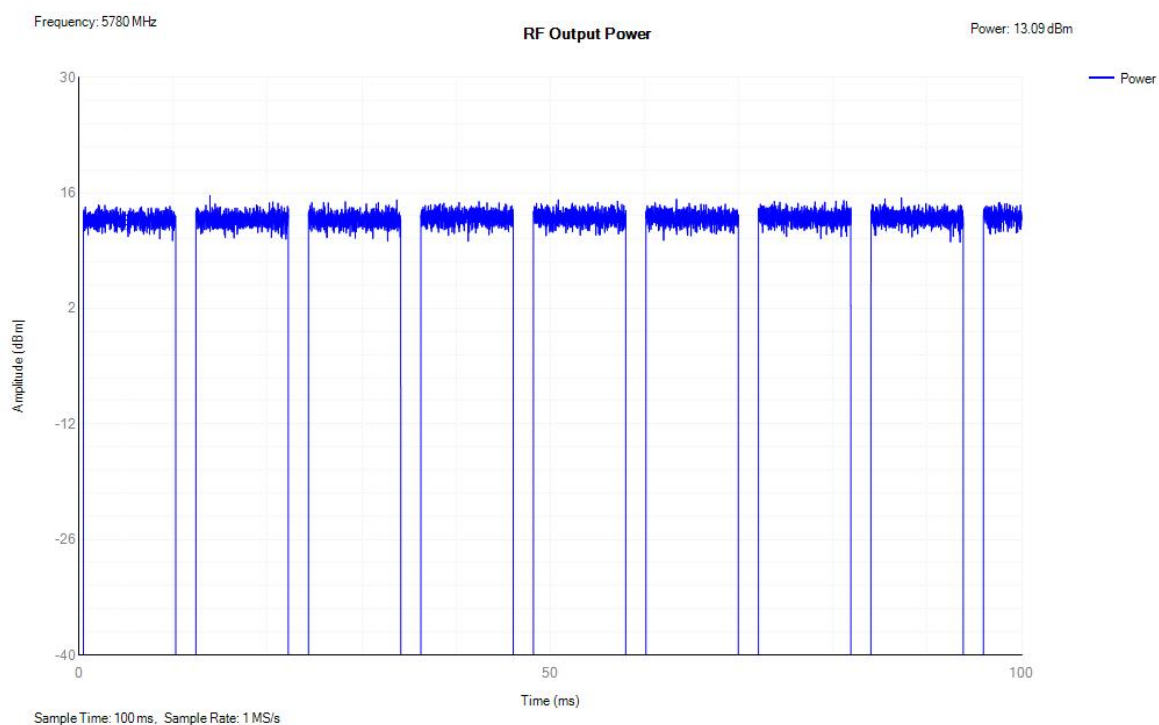
Power NVNT a 5820MHz Ant1



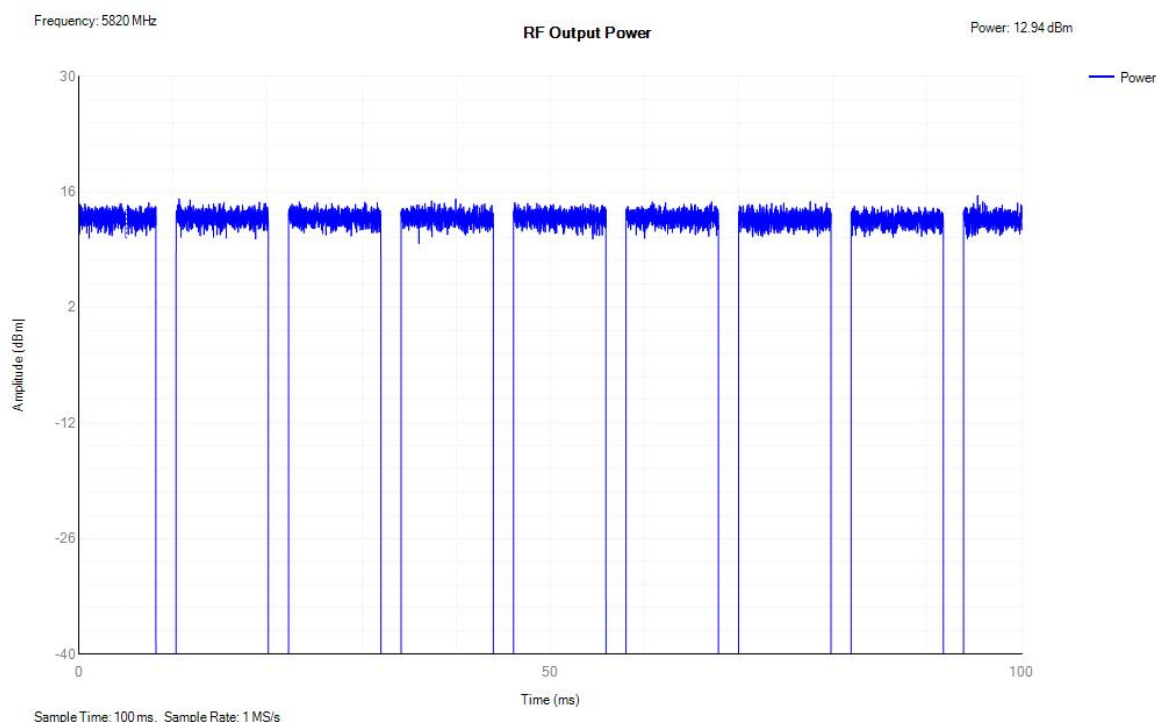
Power NVNT a 5750MHz Ant2



Power NVNT a 5780MHz Ant2



Power NVNT a 5820MHz Ant2

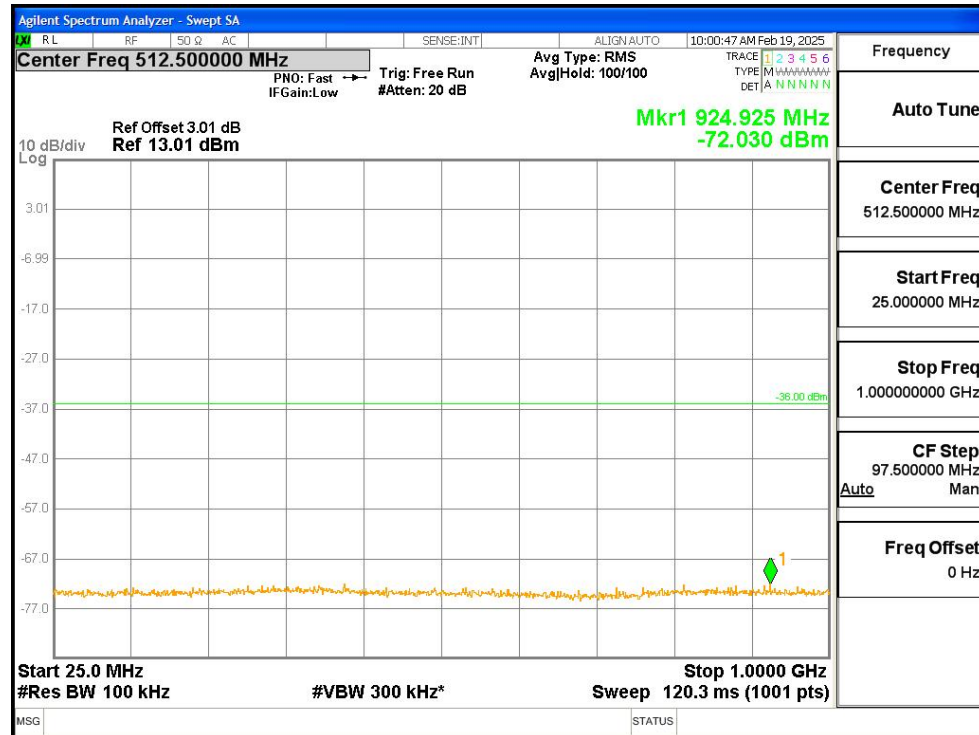


Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5750	Ant1	25-1000	924.925	-72.03	-36	Pass
				1000-40000	4219.3	-39.19	-30	Pass
				47-74	47.999	-76.06	-54	Pass
				87.5-108	90.227	-75.84	-54	Pass
				174-230	201.72	-76.74	-54	Pass
				470-862	504.496	-80.72	-54	Pass
		5780		25-1000	306.775	-71.81	-36	Pass
				1000-40000	26550	-31.72	-30	Pass
				47-74	71.3	-75.5	-54	Pass
				87.5-108	104.679	-76	-54	Pass
				174-230	203.96	-76.92	-54	Pass
				470-862	760.864	-79.75	-54	Pass
		5820		25-1000	376	-72.4	-36	Pass
				1000-40000	26550	-32.46	-30	Pass
				47-74	61.418	-76.03	-54	Pass
				87.5-108	98.099	-76.13	-54	Pass
				174-230	220.648	-76.76	-54	Pass
				470-862	471.176	-80.95	-54	Pass
		5750	Ant2	25-1000	328.225	-71.35	-36	Pass
				1000-40000	26550	-39.91	-30	Pass
				47-74	59.177	-76.03	-54	Pass
				87.5-108	88.566	-75.79	-54	Pass
				174-230	212.136	-77.79	-54	Pass
				470-862	548.4	-80.86	-54	Pass
		5780		25-1000	269.725	-72.15	-36	Pass
				1000-40000	26550	-32.13	-30	Pass
				47-74	61.85	-76.61	-54	Pass
				87.5-108	87.562	-75.84	-54	Pass
				174-230	174.504	-76.3	-54	Pass
				470-862	840.832	-80.52	-54	Pass
		5820		25-1000	873.25	-72.23	-36	Pass
				1000-40000	26550	-32.35	-30	Pass
				47-74	49.106	-76.57	-54	Pass
				87.5-108	89.98	-74.28	-54	Pass
				174-230	181.056	-76.85	-54	Pass
				470-862	831.032	-80.65	-54	Pass

Test Graphs

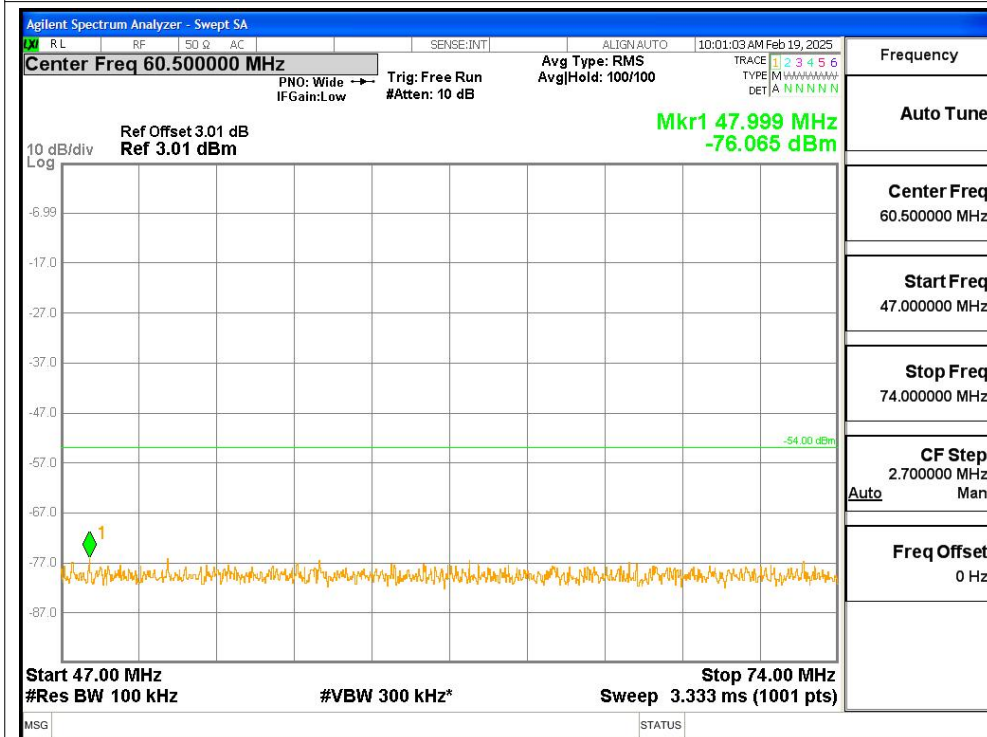
Tx. Spurious NVNT a 5750MHz Ant1 @ 25MHz-1000MHz



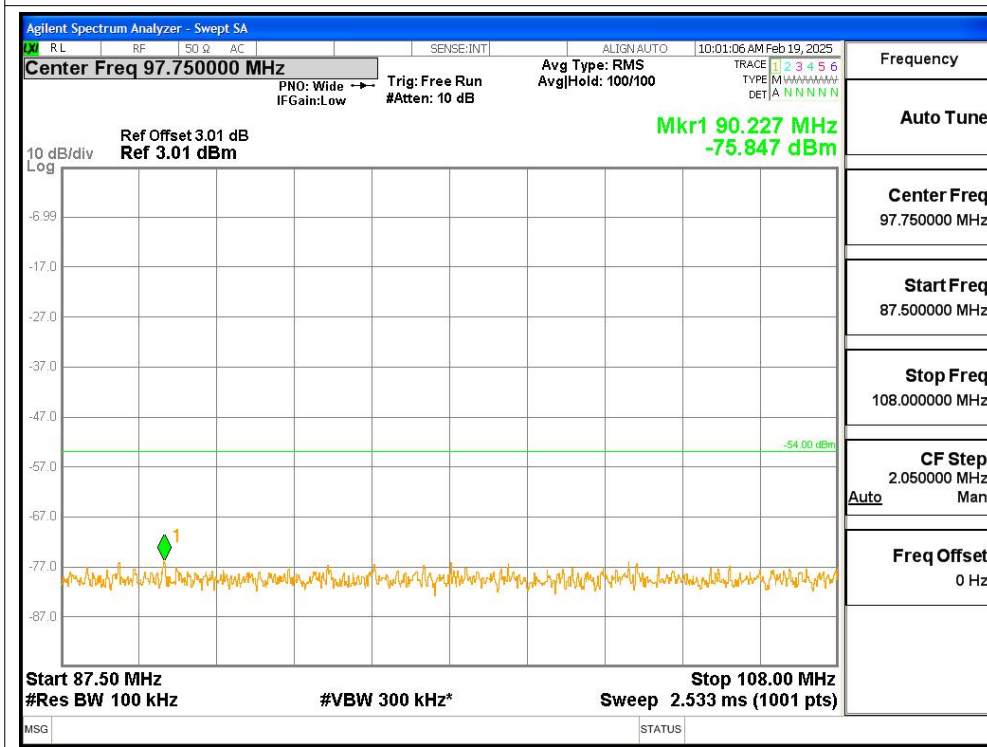
Tx. Spurious NVNT a 5750MHz Ant1 @ 1000MHz-40000MHz



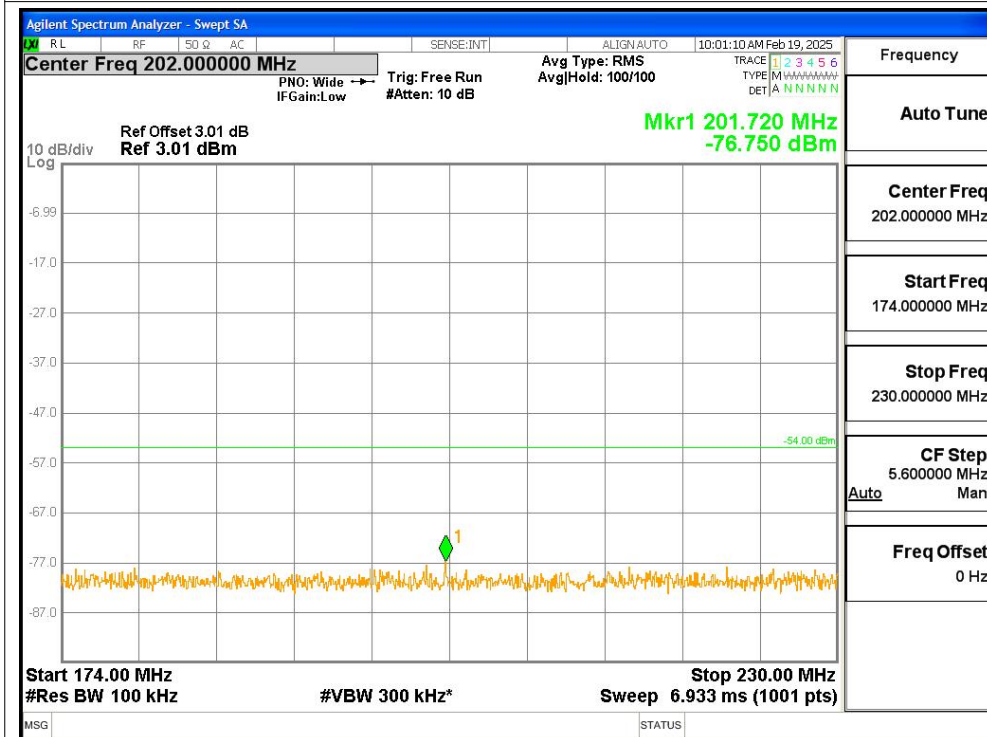
Tx. Spurious NVNT a 5750MHz Ant1 @ 47MHz-74MHz



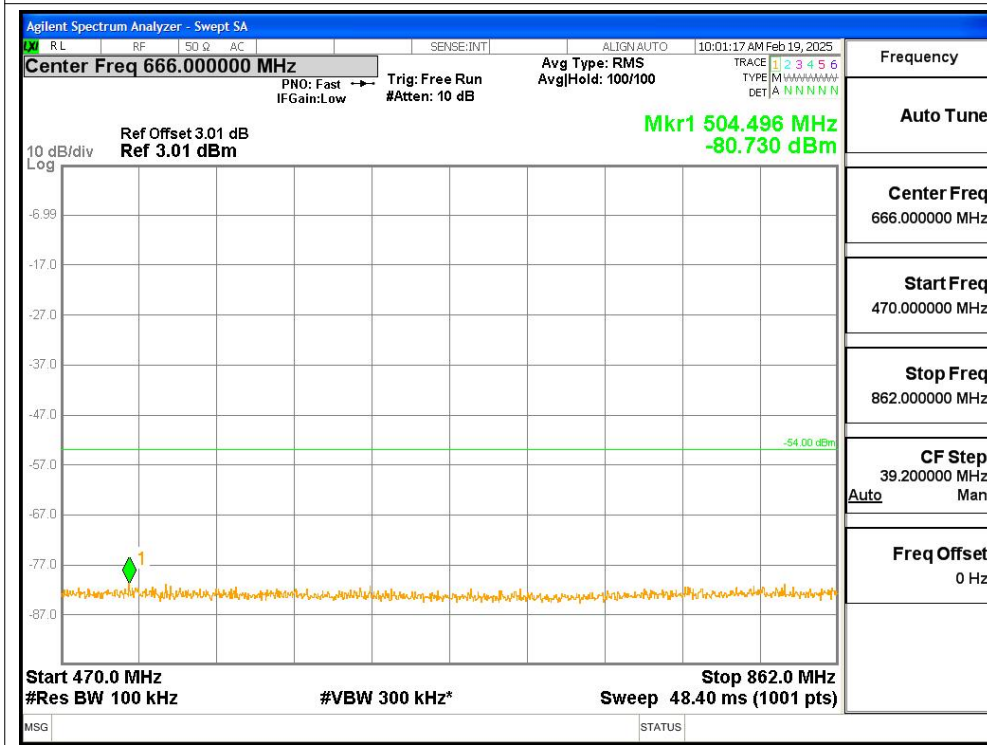
Tx. Spurious NVNT a 5750MHz Ant1 @ 87.5MHz-108MHz



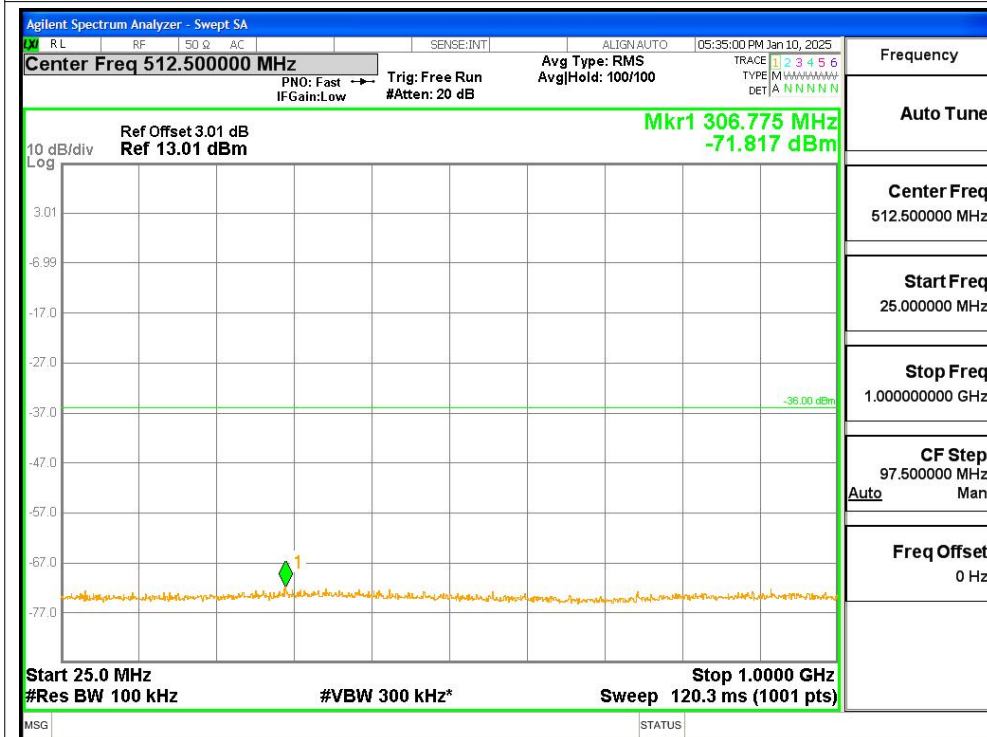
Tx. Spurious NVNT a 5750MHz Ant1 @ 174MHz-230MHz



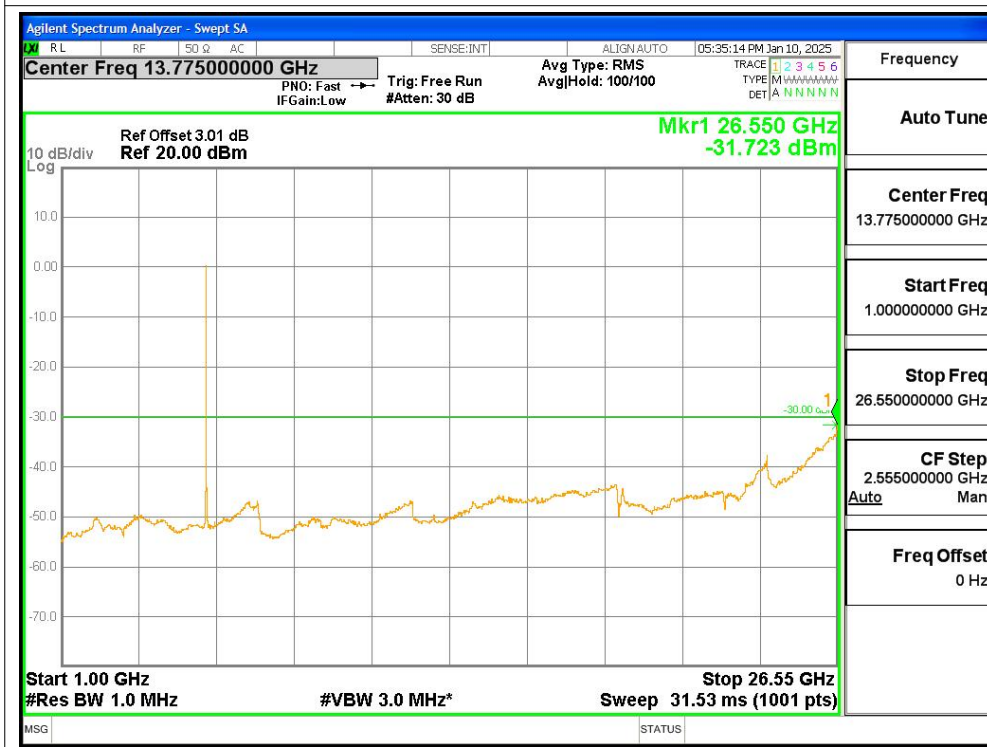
Tx. Spurious NVNT a 5750MHz Ant1 @ 470MHz-862MHz



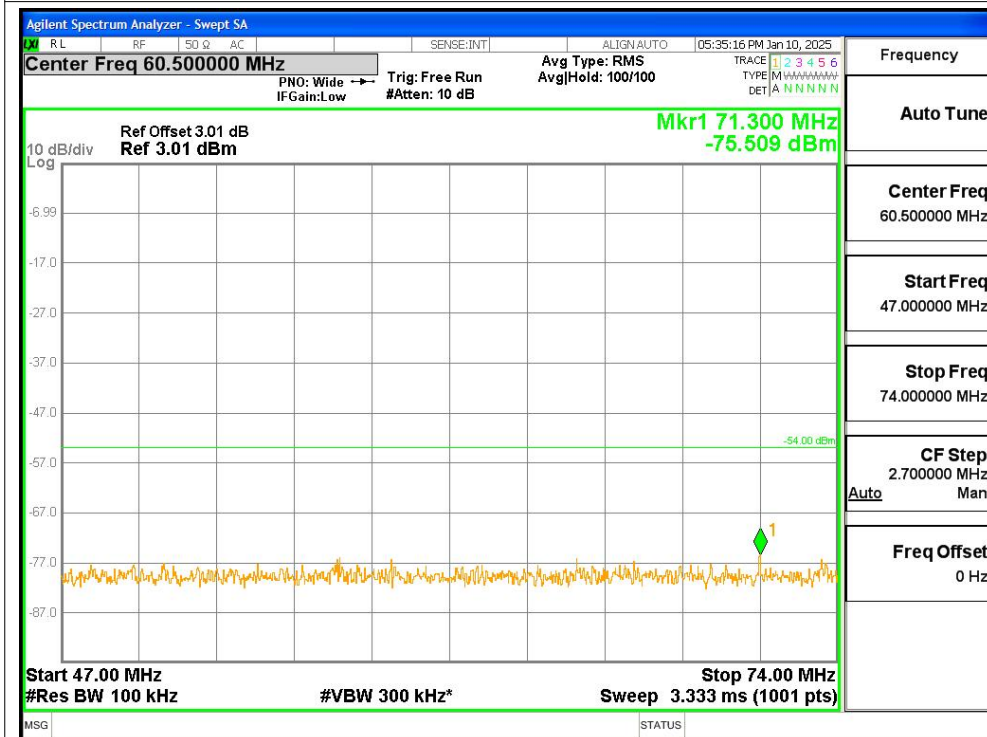
Tx. Spurious NVNT a 5780MHz Ant1 @ 25MHz-1000MHz



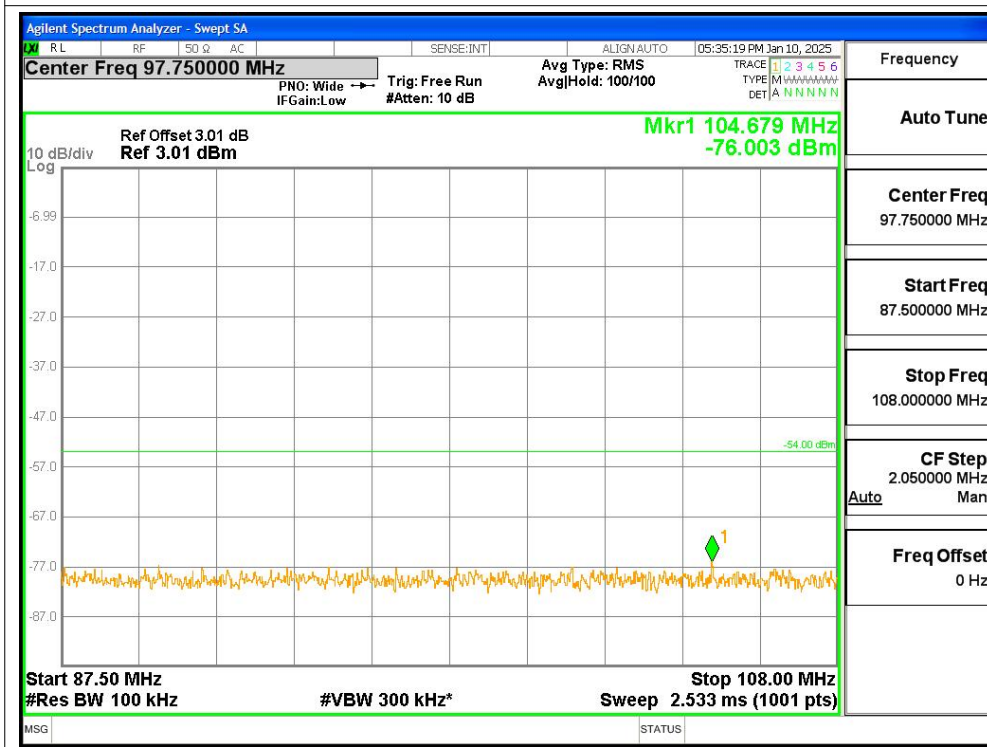
Tx. Spurious NVNT a 5780MHz Ant1 @ 1000MHz-40000MHz



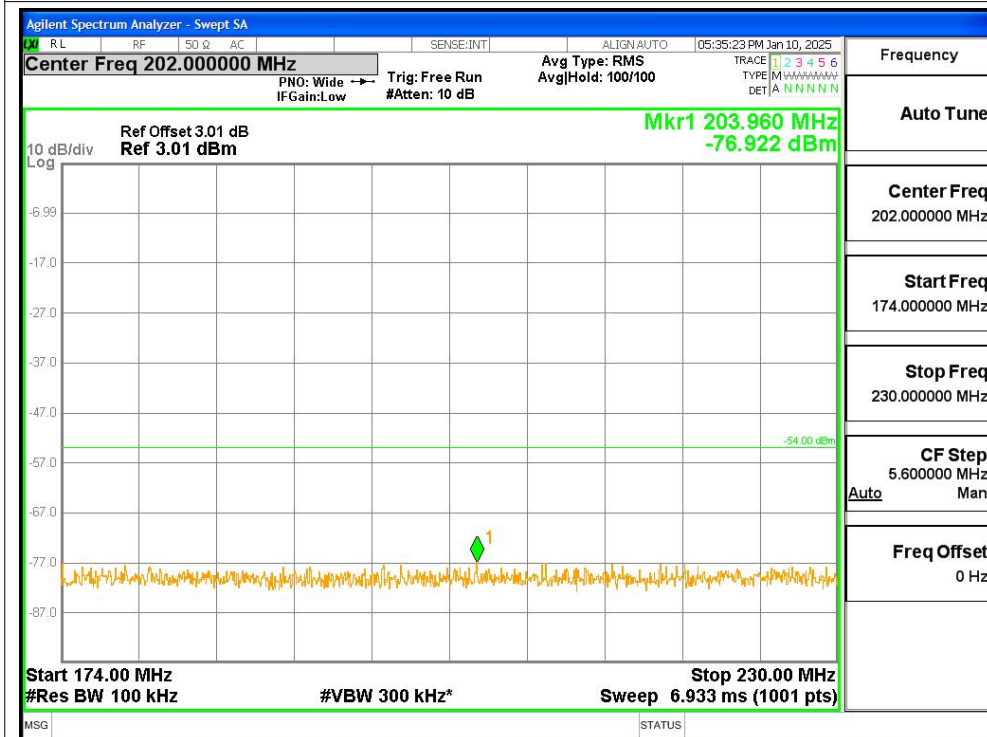
Tx. Spurious NVNT a 5780MHz Ant1 @ 47MHz-74MHz



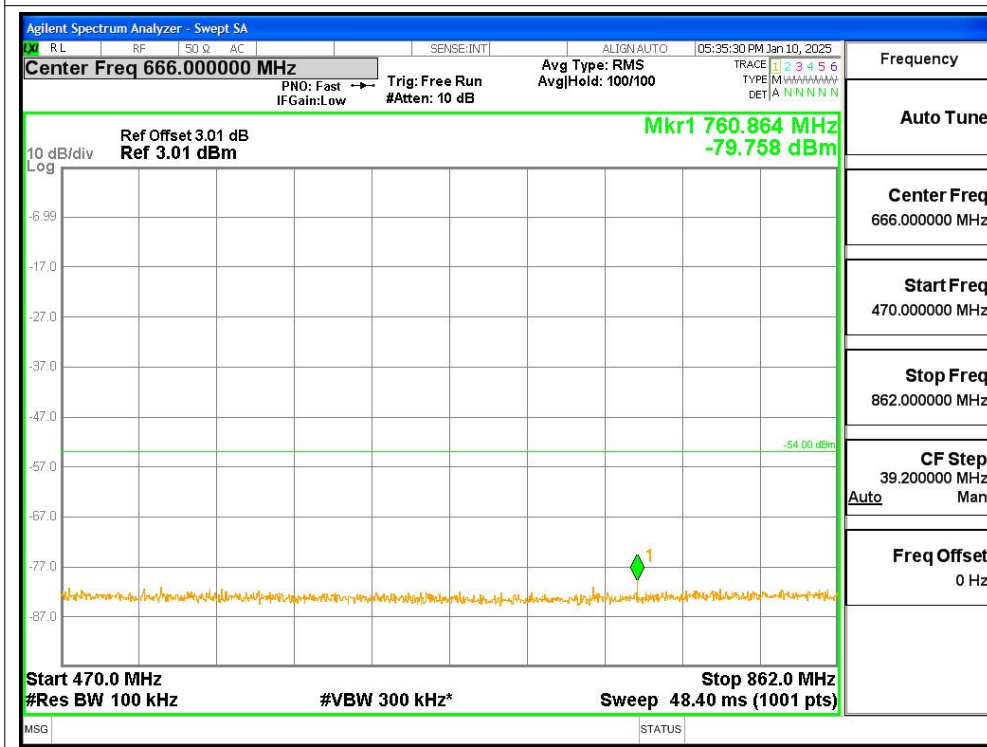
Tx. Spurious NVNT a 5780MHz Ant1 @ 87.5MHz-108MHz



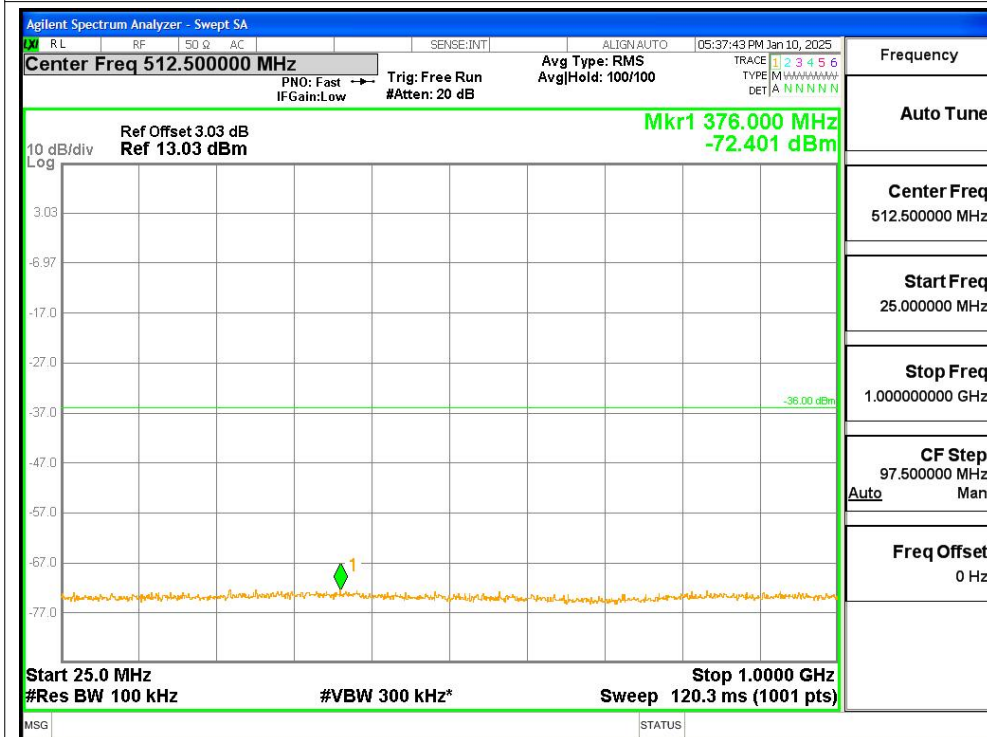
Tx. Spurious NVNT a 5780MHz Ant1 @ 174MHz-230MHz



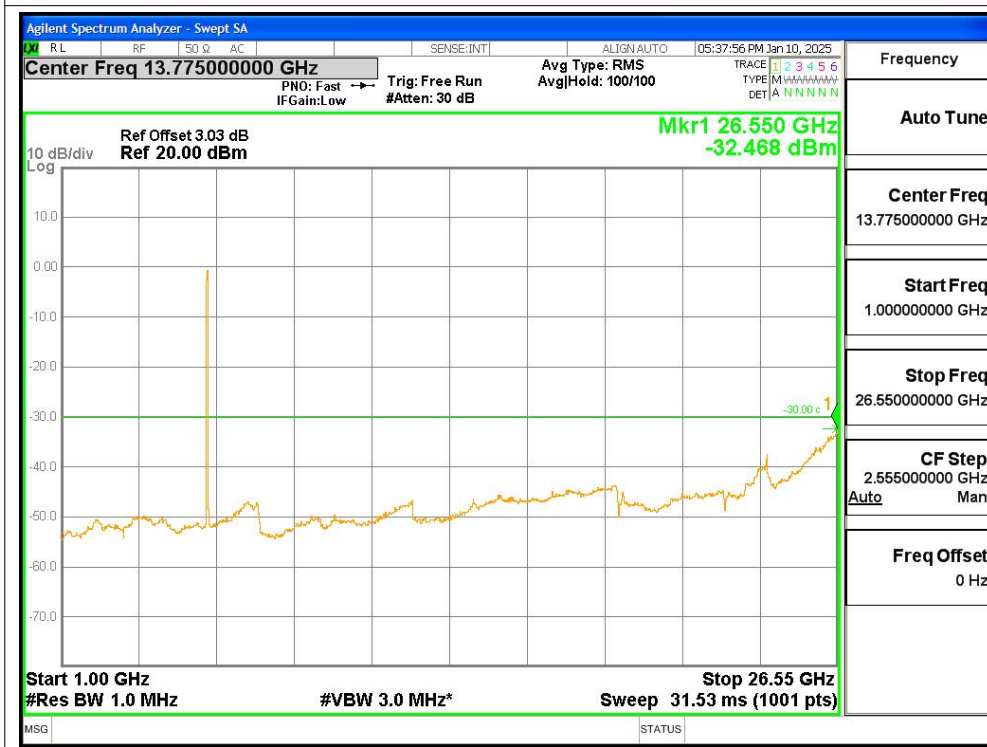
Tx. Spurious NVNT a 5780MHz Ant1 @ 470MHz-862MHz



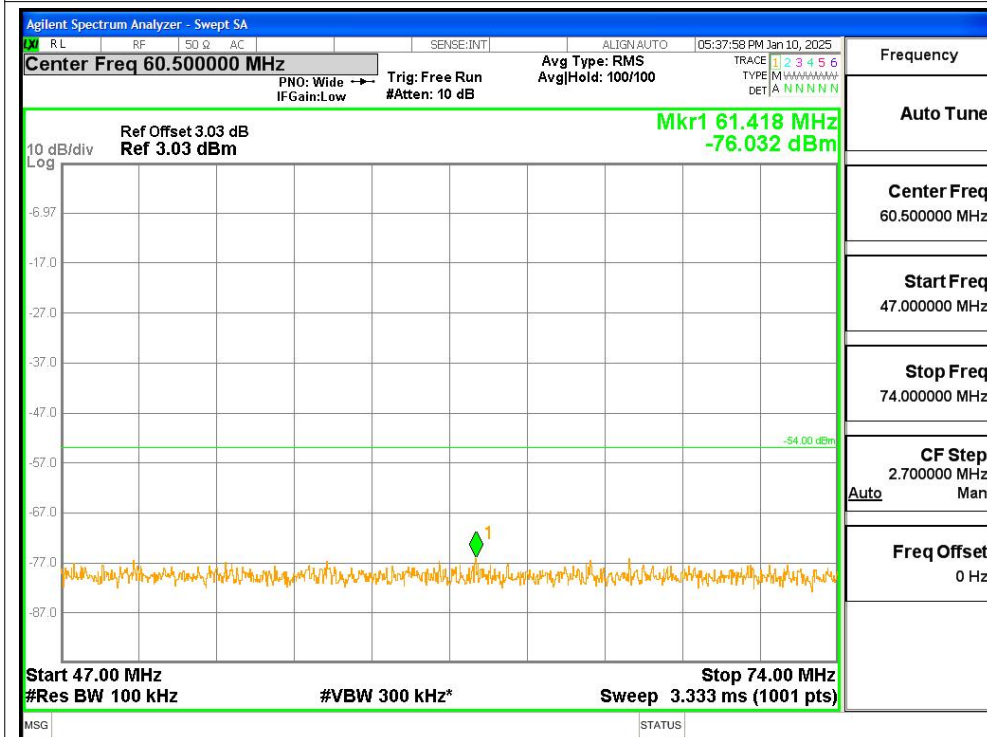
Tx. Spurious NVNT a 5820MHz Ant1 @ 25MHz-1000MHz



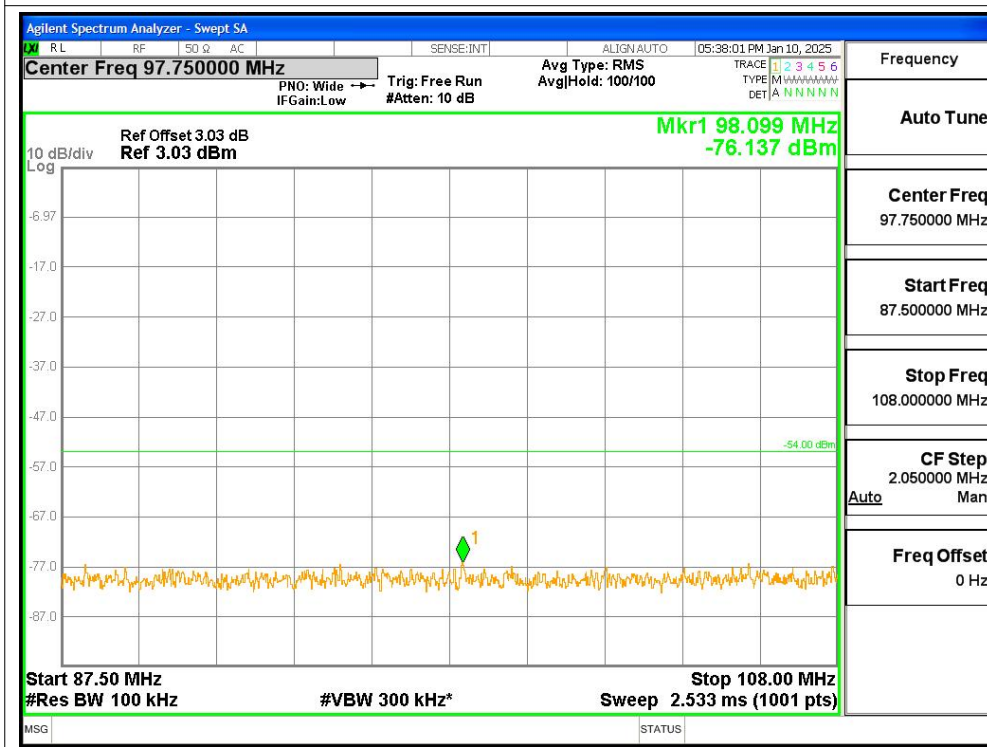
Tx. Spurious NVNT a 5820MHz Ant1 @ 1000MHz-40000MHz



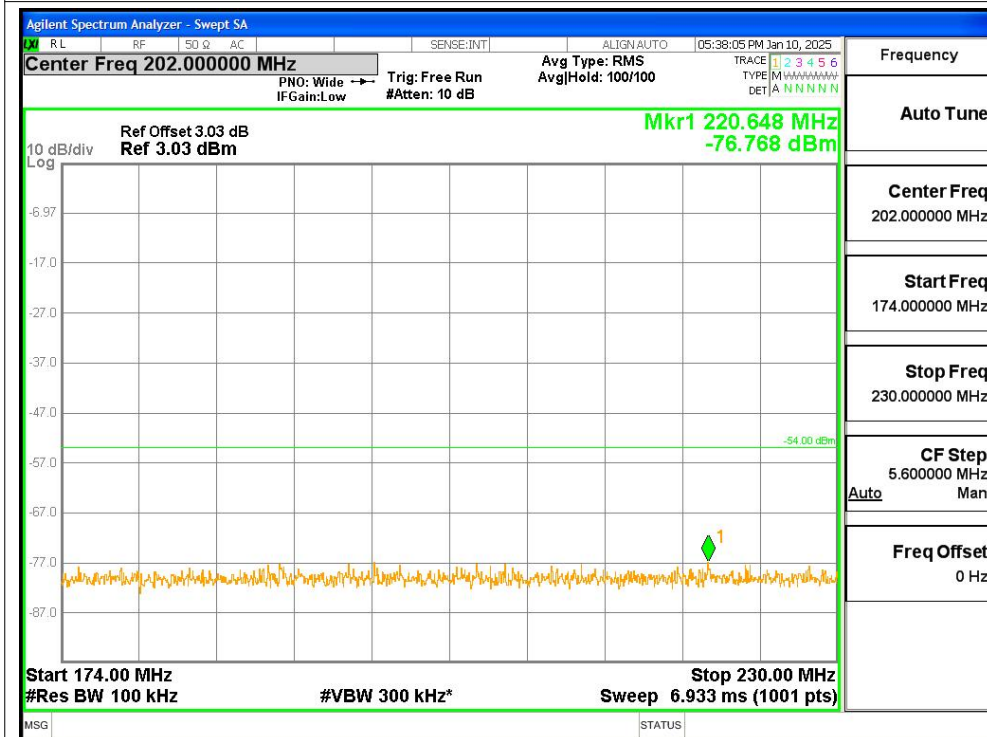
Tx. Spurious NVNT a 5820MHz Ant1 @ 47MHz-74MHz



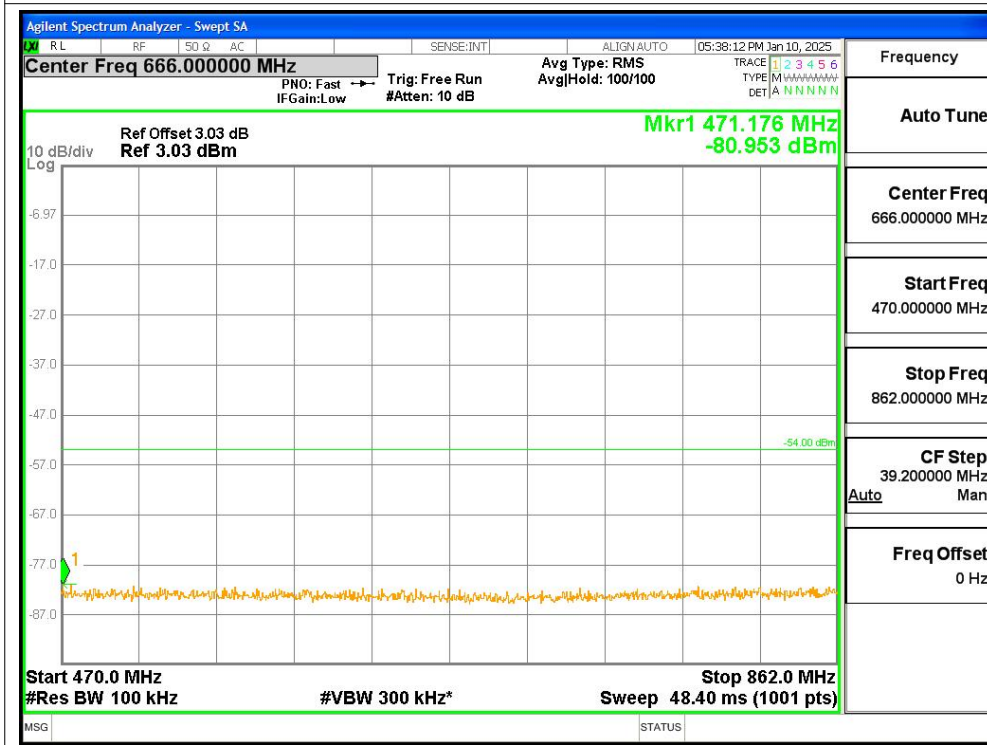
Tx. Spurious NVNT a 5820MHz Ant1 @ 87.5MHz-108MHz



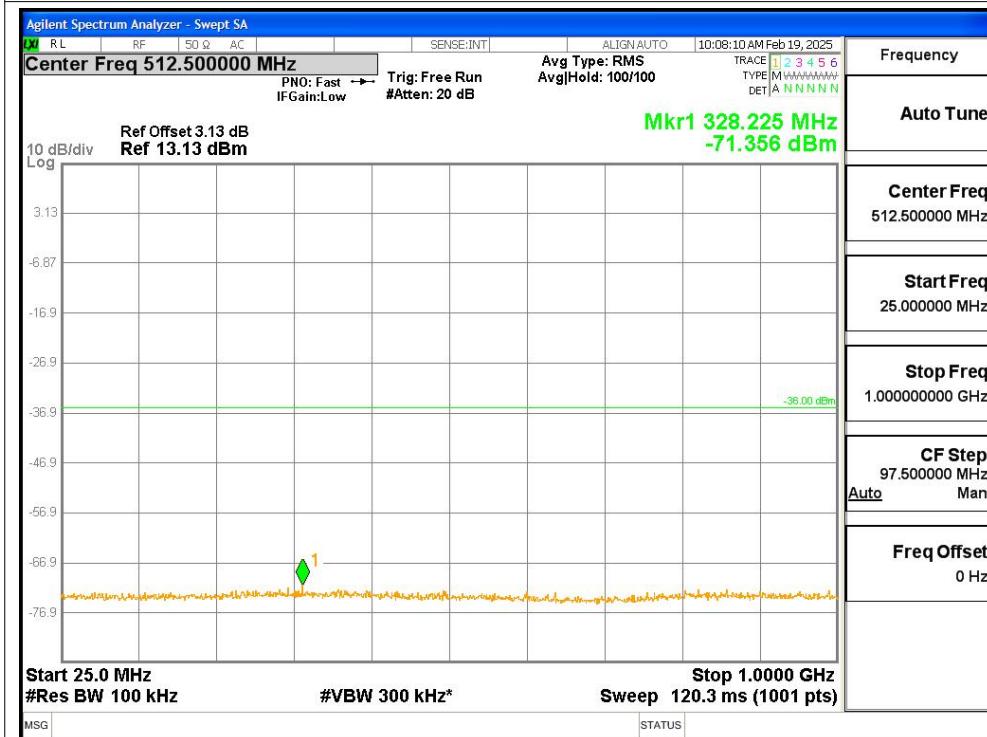
Tx. Spurious NVNT a 5820MHz Ant1 @ 174MHz-230MHz



Tx. Spurious NVNT a 5820MHz Ant1 @ 470MHz-862MHz



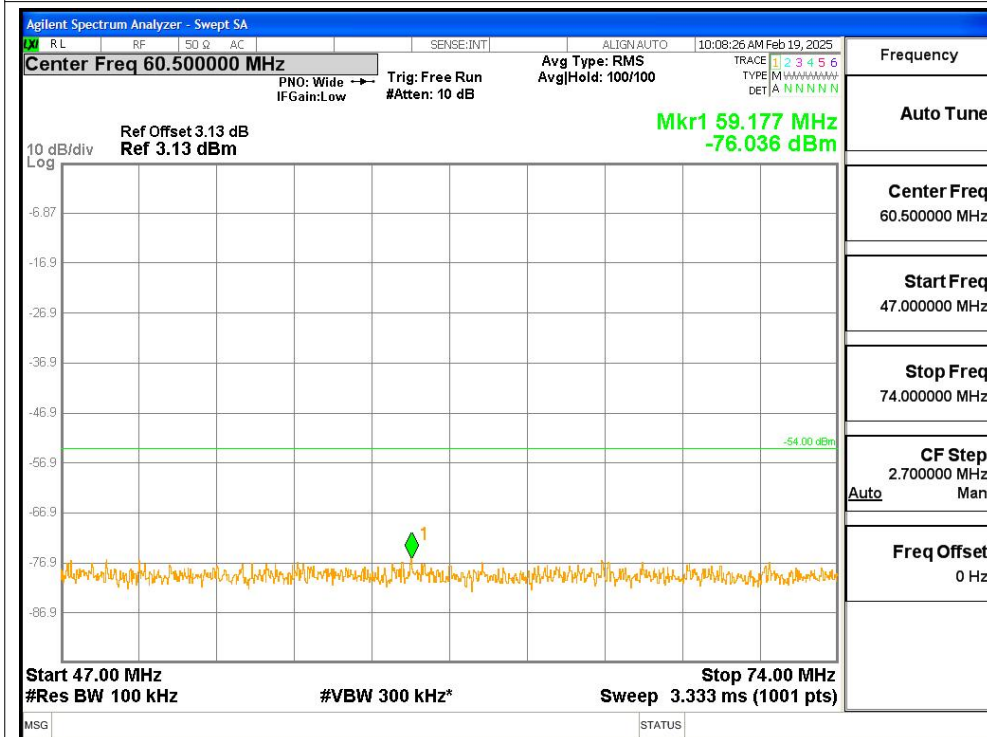
Tx. Spurious NVNT a 5750MHz Ant2 @ 25MHz-1000MHz



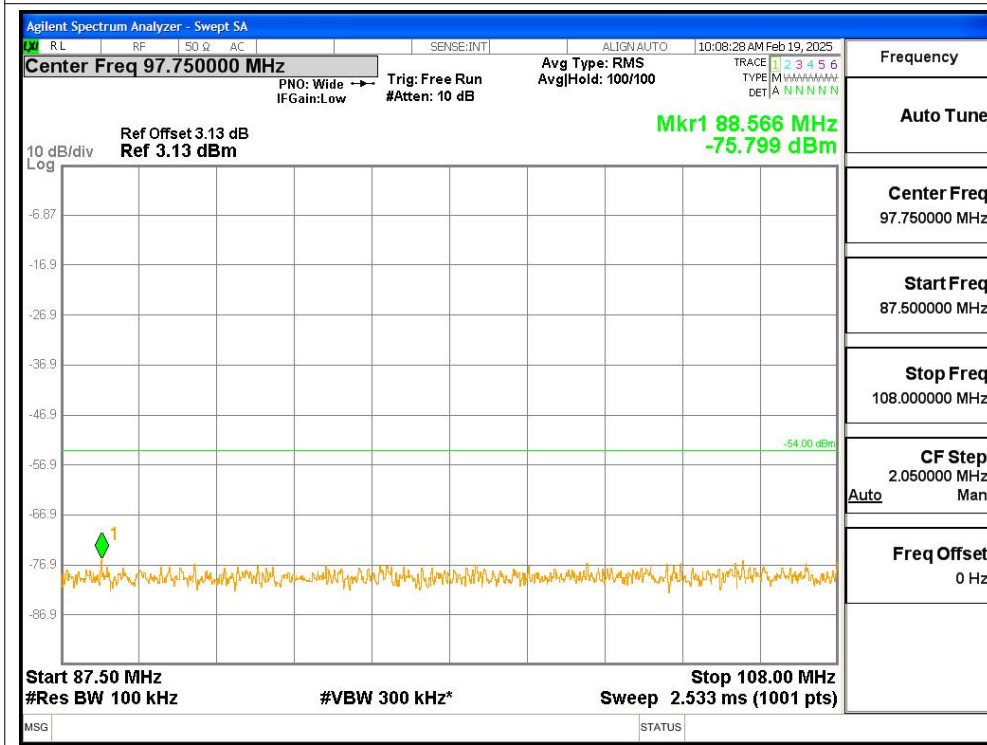
Tx. Spurious NVNT a 5750MHz Ant2 @ 1000MHz-40000MHz



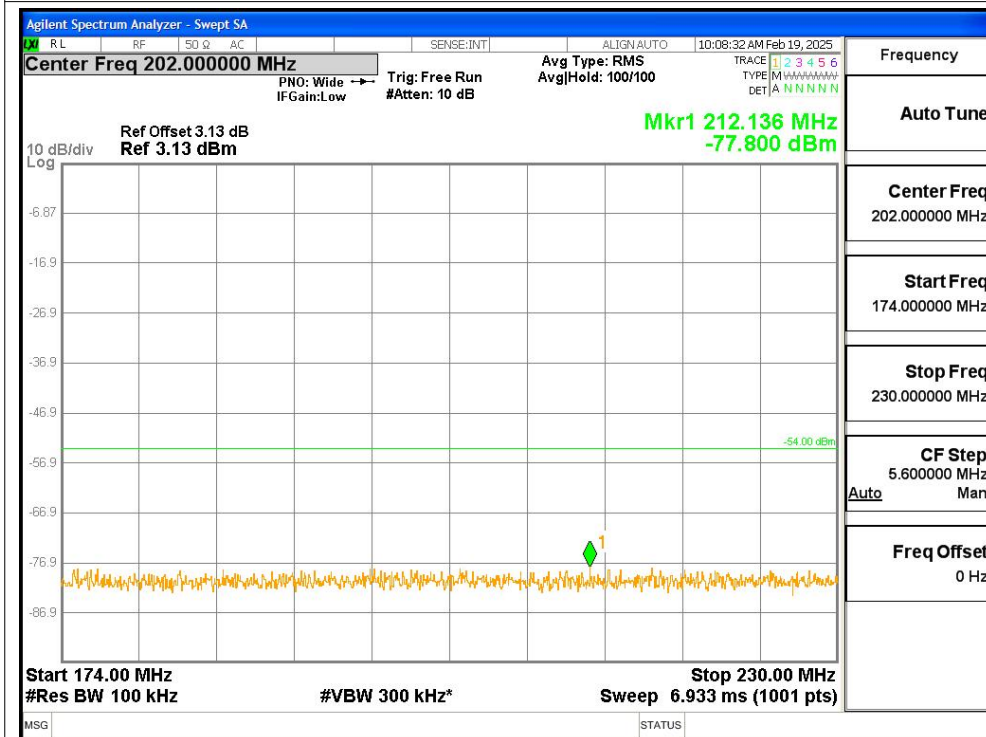
Tx. Spurious NVNT a 5750MHz Ant2 @ 47MHz-74MHz



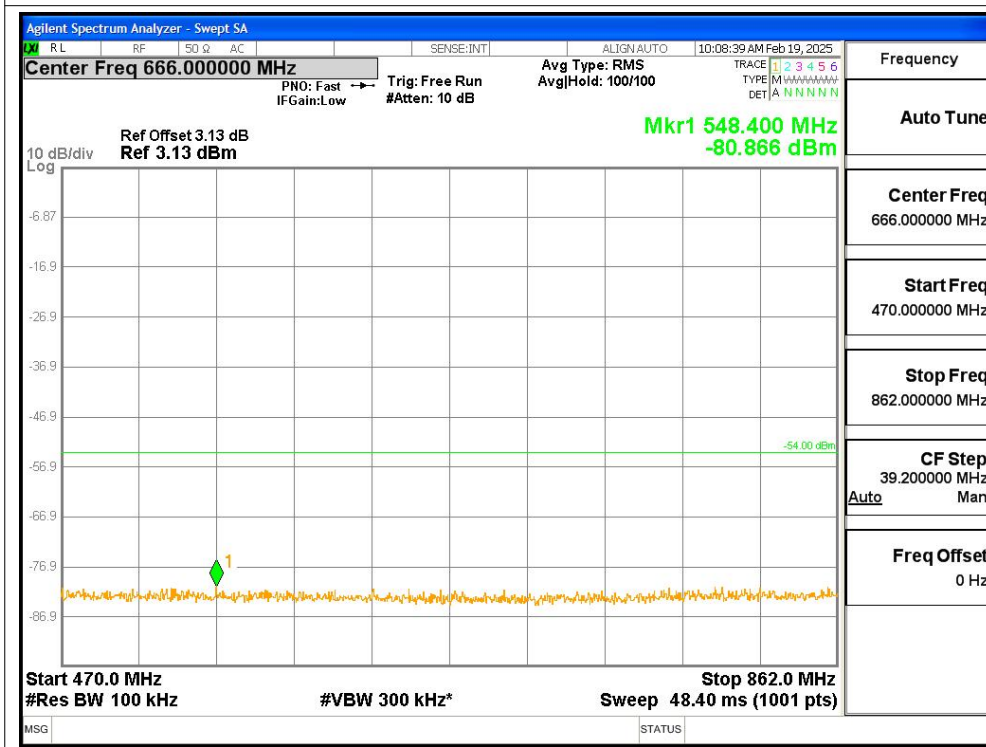
Tx. Spurious NVNT a 5750MHz Ant2 @ 87.5MHz-108MHz



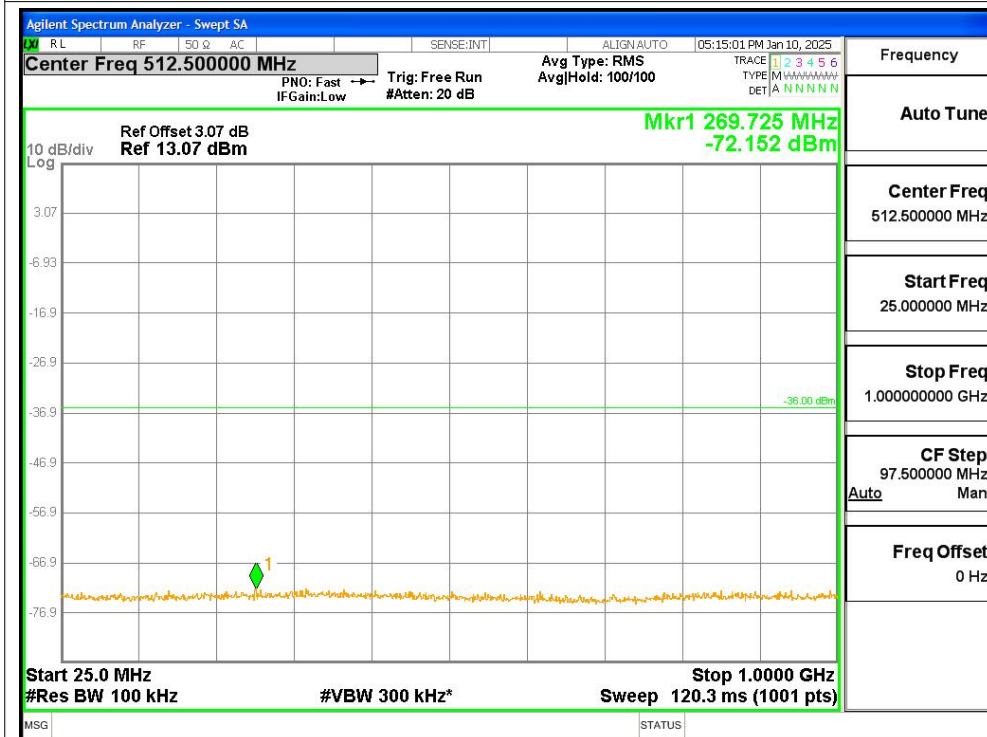
Tx. Spurious NVNT a 5750MHz Ant2 @ 174MHz-230MHz



Tx. Spurious NVNT a 5750MHz Ant2 @ 470MHz-862MHz



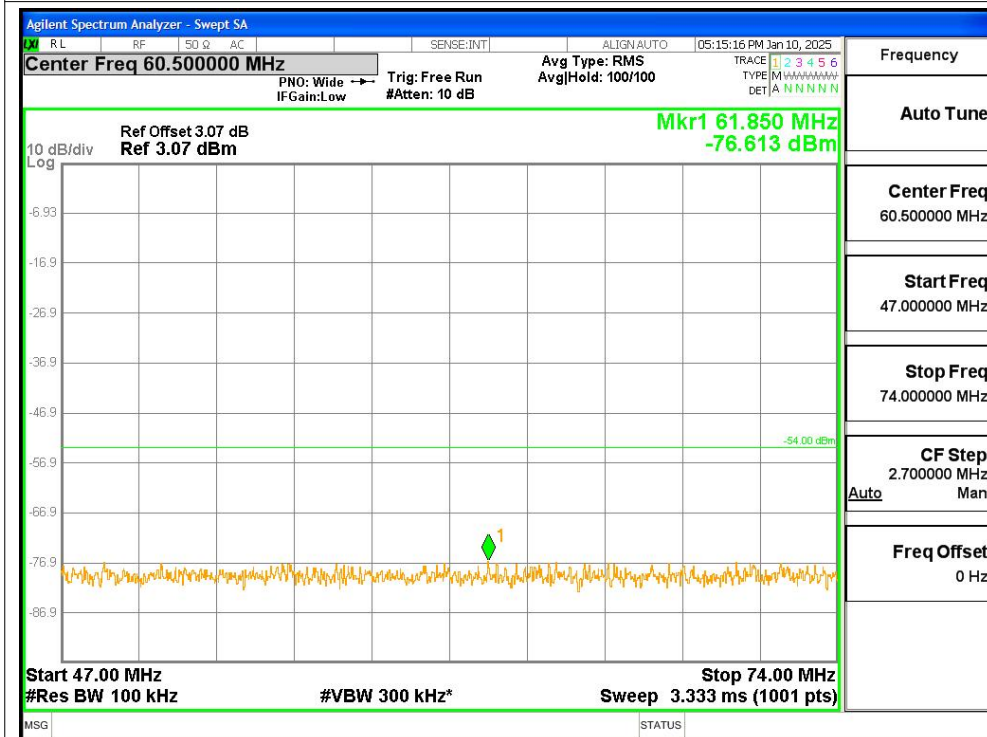
Tx. Spurious NVNT a 5780MHz Ant2 @ 25MHz-1000MHz



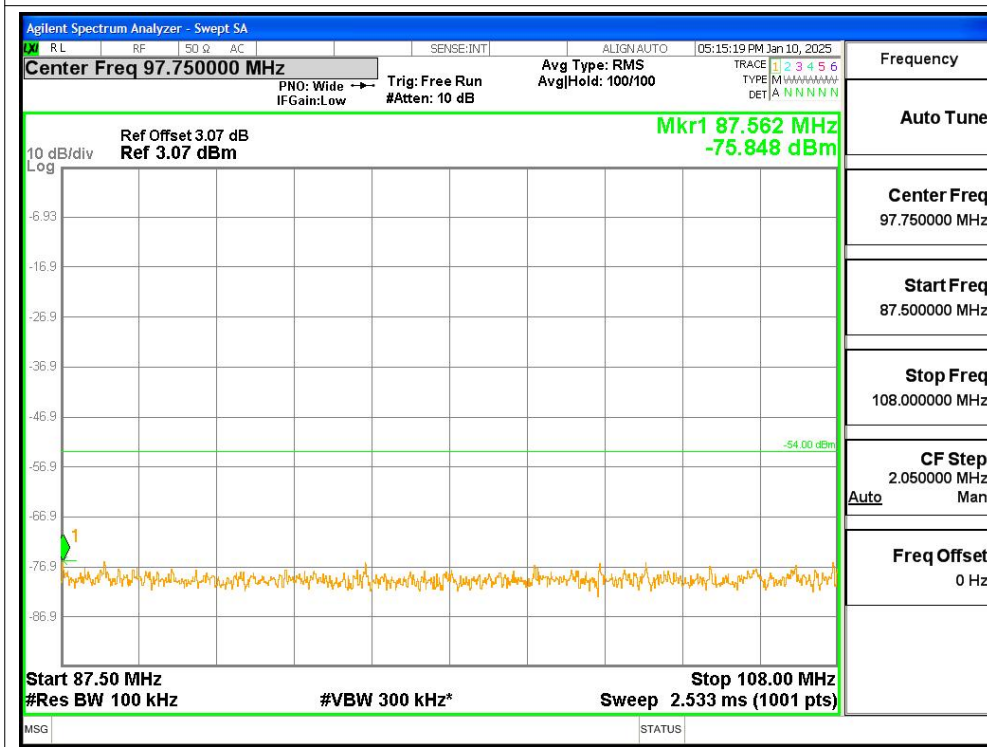
Tx. Spurious NVNT a 5780MHz Ant2 @ 1000MHz-40000MHz



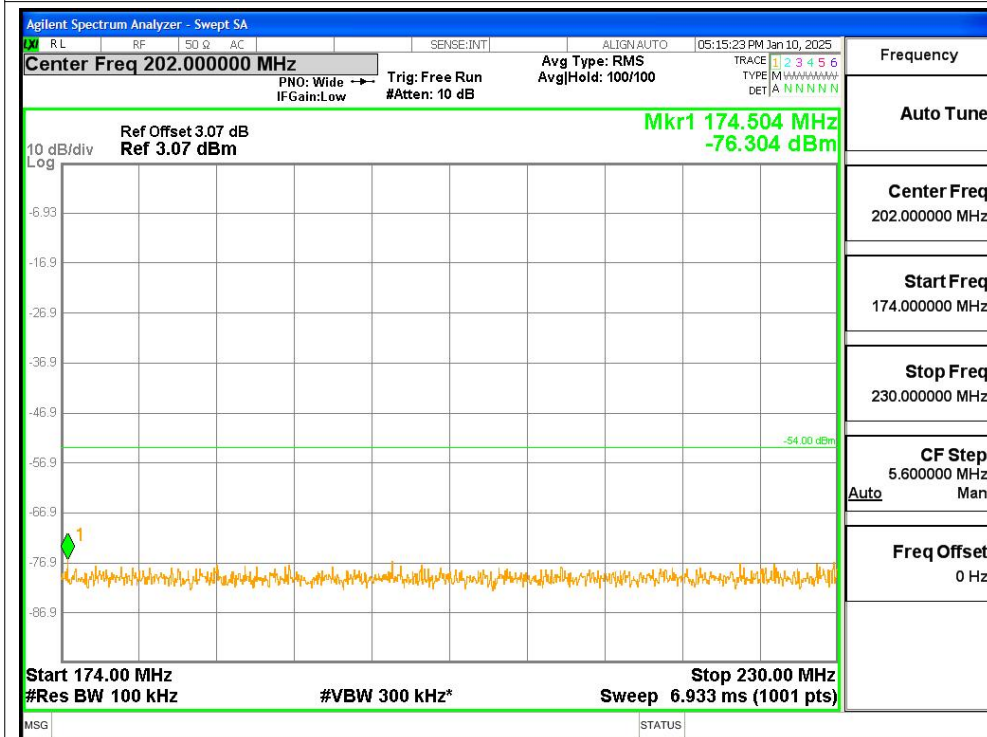
Tx. Spurious NVNT a 5780MHz Ant2 @ 47MHz-74MHz



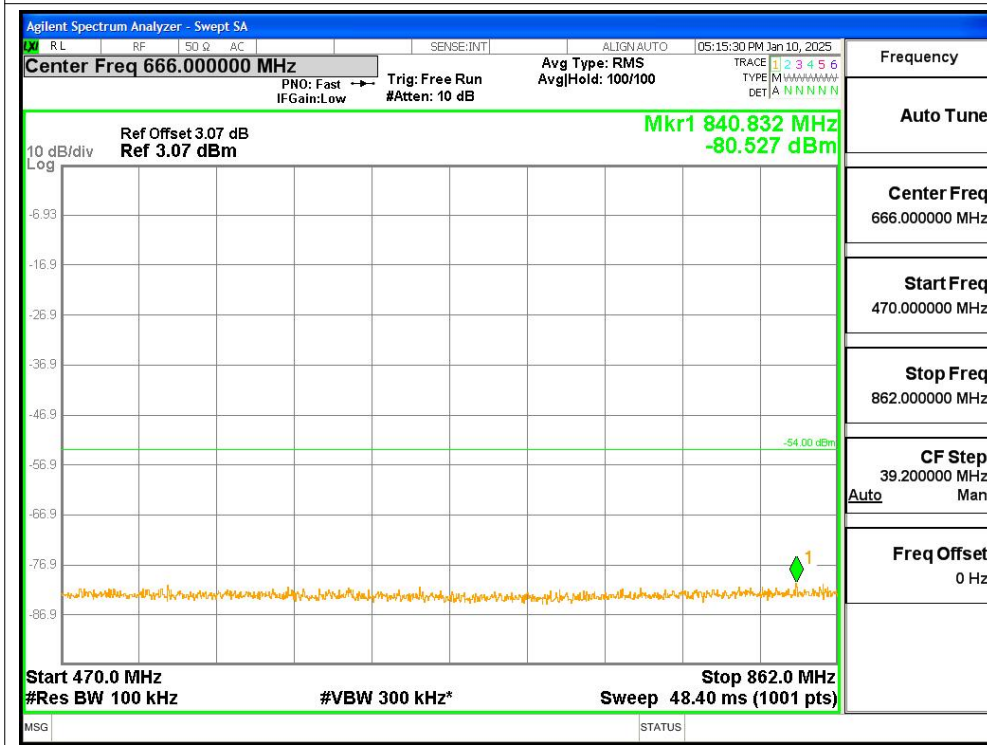
Tx. Spurious NVNT a 5780MHz Ant2 @ 87.5MHz-108MHz



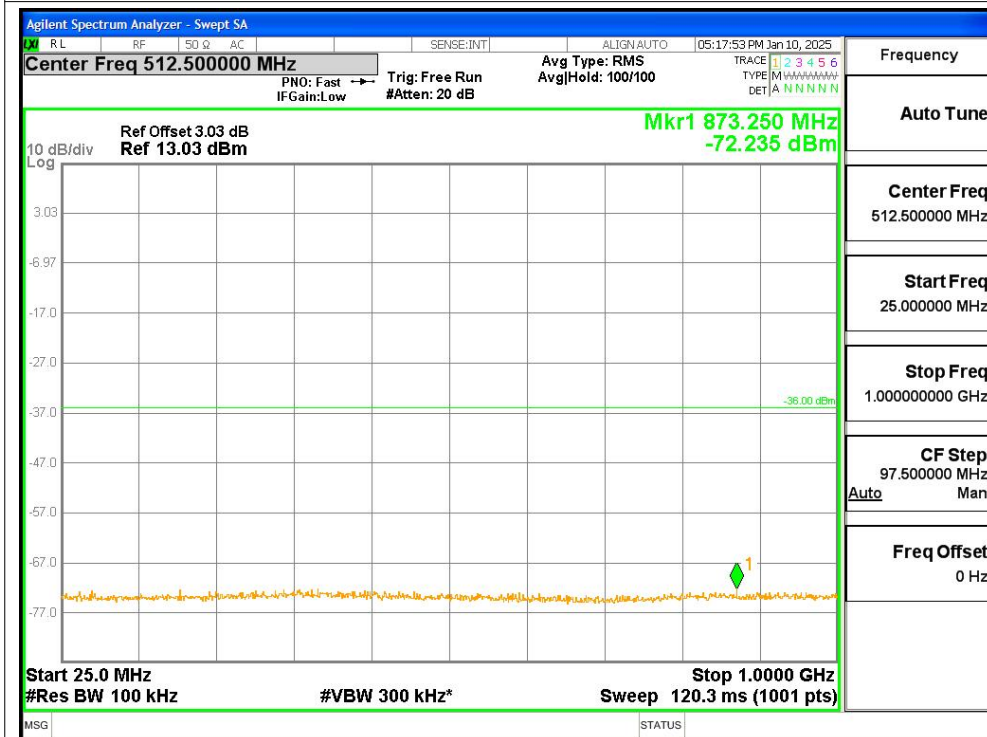
Tx. Spurious NVNT a 5780MHz Ant2 @ 174MHz-230MHz



Tx. Spurious NVNT a 5780MHz Ant2 @ 470MHz-862MHz



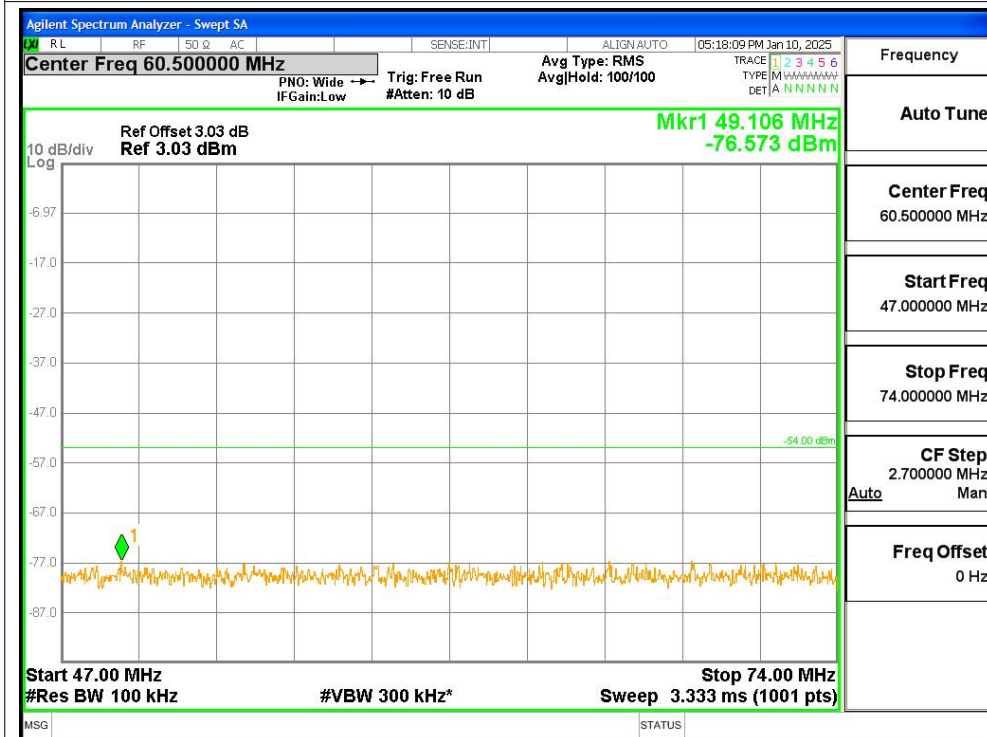
Tx. Spurious NVNT a 5820MHz Ant2 @ 25MHz-1000MHz



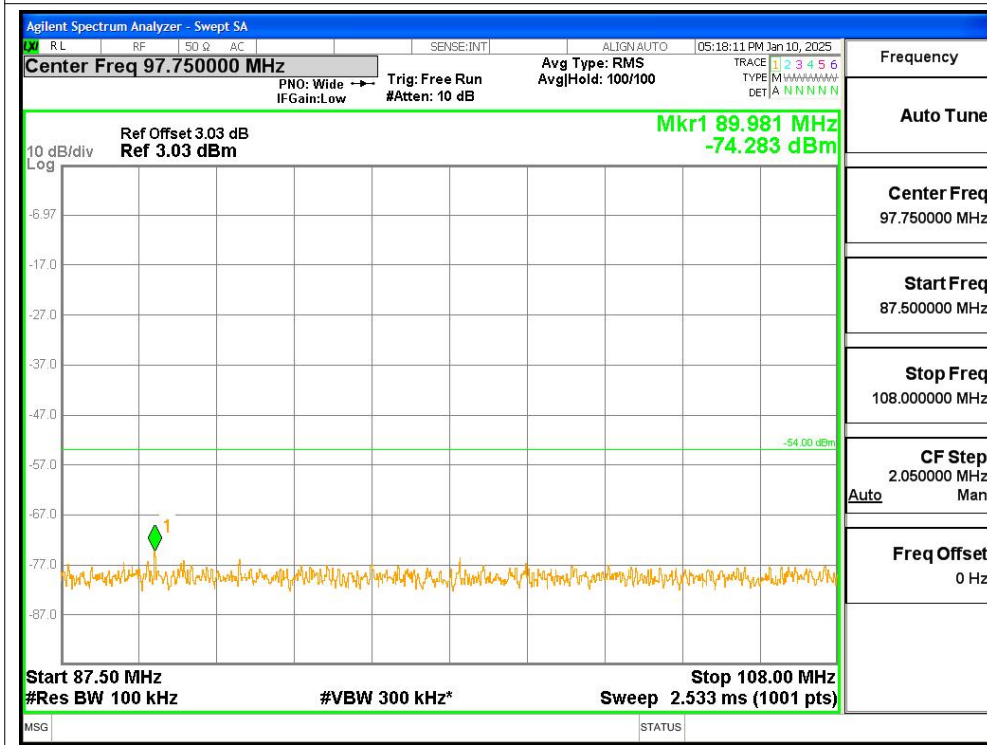
Tx. Spurious NVNT a 5820MHz Ant2 @ 1000MHz-40000MHz



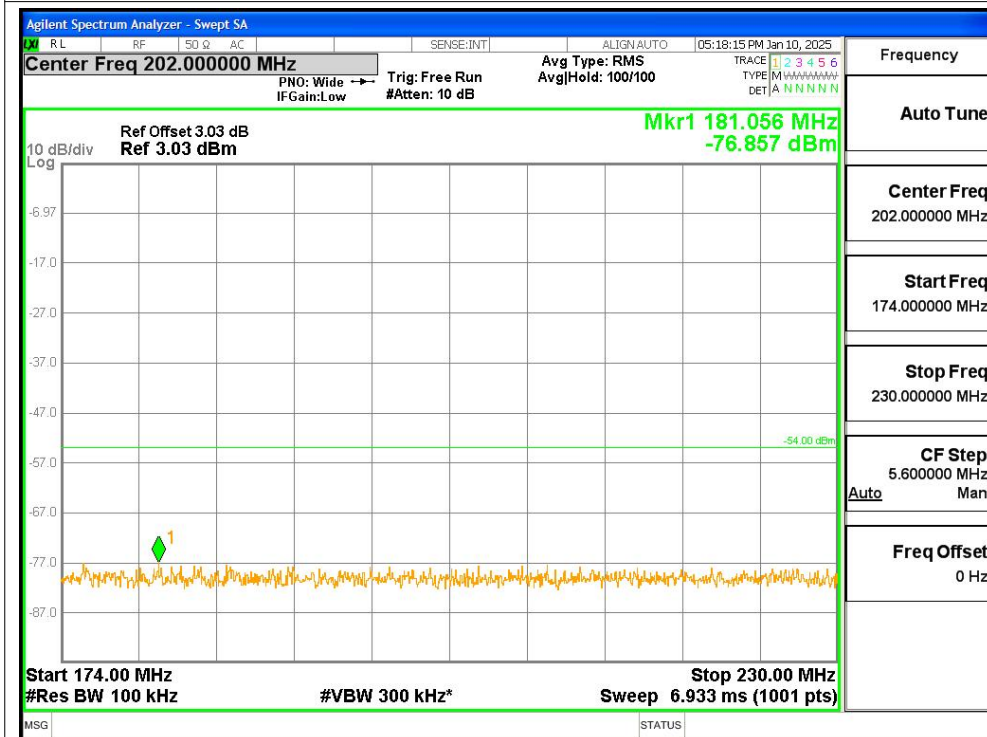
Tx. Spurious NVNT a 5820MHz Ant2 @ 47MHz-74MHz



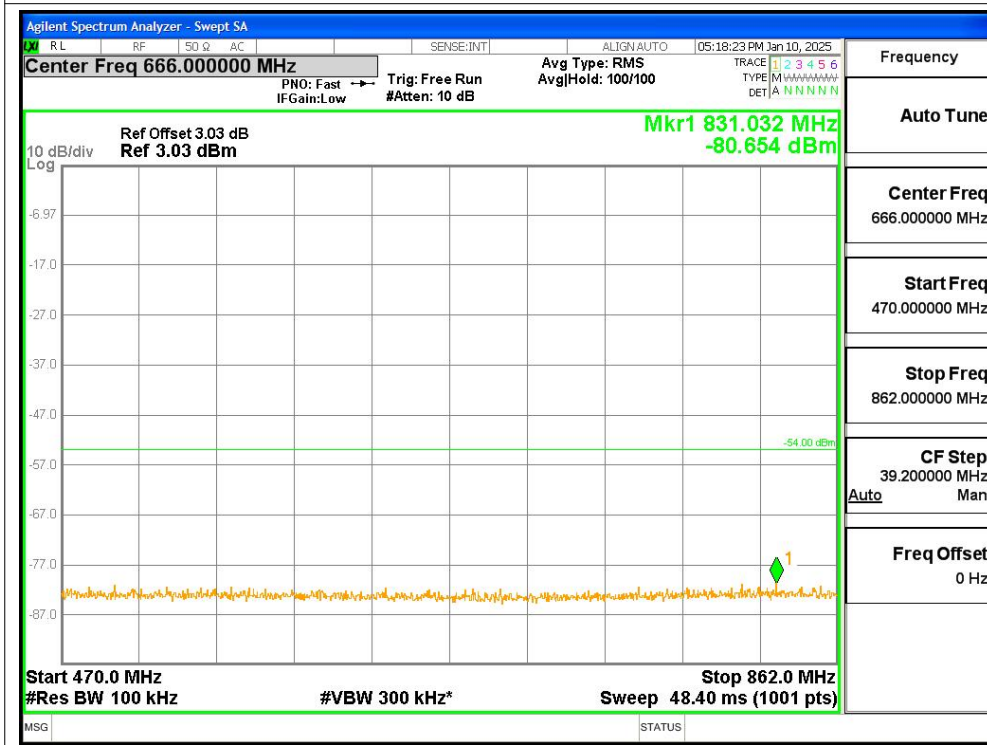
Tx. Spurious NVNT a 5820MHz Ant2 @ 87.5MHz-108MHz



Tx. Spurious NVNT a 5820MHz Ant2 @ 174MHz-230MHz



Tx. Spurious NVNT a 5820MHz Ant2 @ 470MHz-862MHz

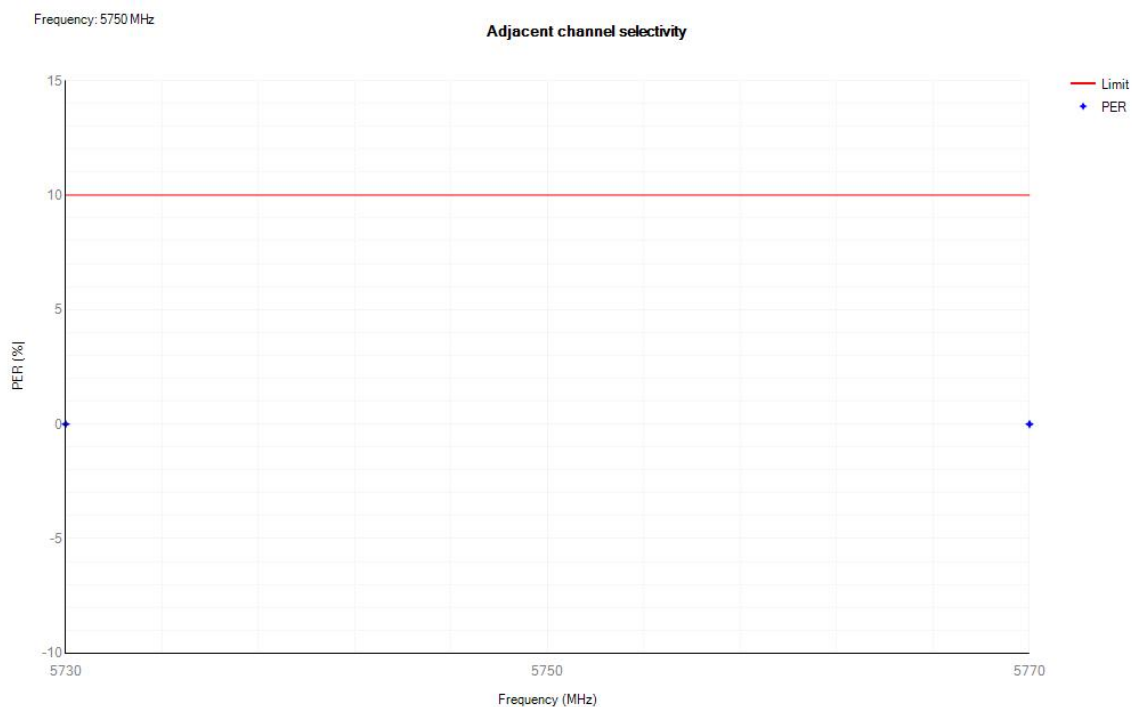


Adjacent channel selectivity

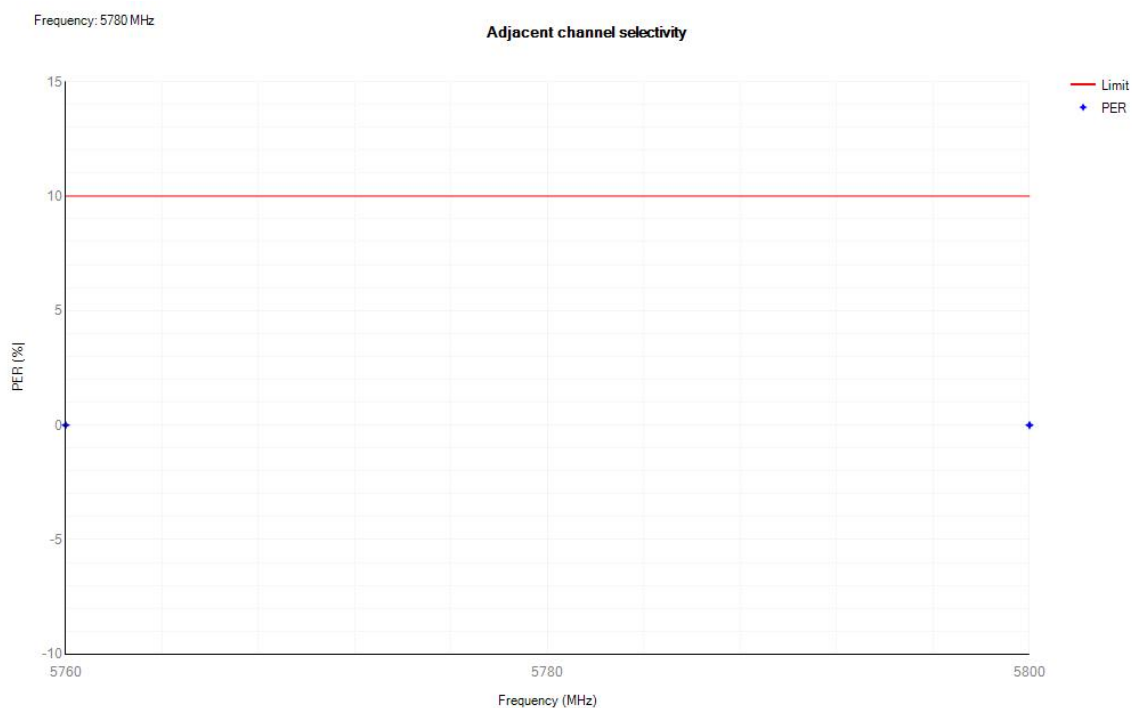
Condition	Mode	Frequency (MHz)	Antenna	Pmin (dBm)	Wanted Power (dBm)	Blocking Frequency (MHz)	Blocking Power (dBm)	Limit (dBm)	PER (%)	Verdict
NVNT	a	5750	Ant1	-60	Pmin+3	5730	-50	-58.2	0	Pass
				-60	Pmin+3	5770	-50	-58.2	0	Pass
		5780		-60	Pmin+3	5760	-50	-58.09	0	Pass
				-60	Pmin+3	5800	-50	-58.09	0	Pass
		5820		-60	Pmin+3	5800	-50	-58.16	0	Pass
				-60	Pmin+3	5840	-50	-58.16	0	Pass
		5750	Ant2	-60	Pmin+3	5730	-50	-58.2	0	Pass
				-60	Pmin+3	5770	-50	-58.2	0	Pass
		5780		-60	Pmin+3	5760	-50	-58.09	0	Pass
				-60	Pmin+3	5800	-50	-58.09	0	Pass
		5820		-60	Pmin+3	5800	-50	-58.15	0	Pass
				-60	Pmin+3	5840	-50	-58.15	0	Pass

Test Graphs

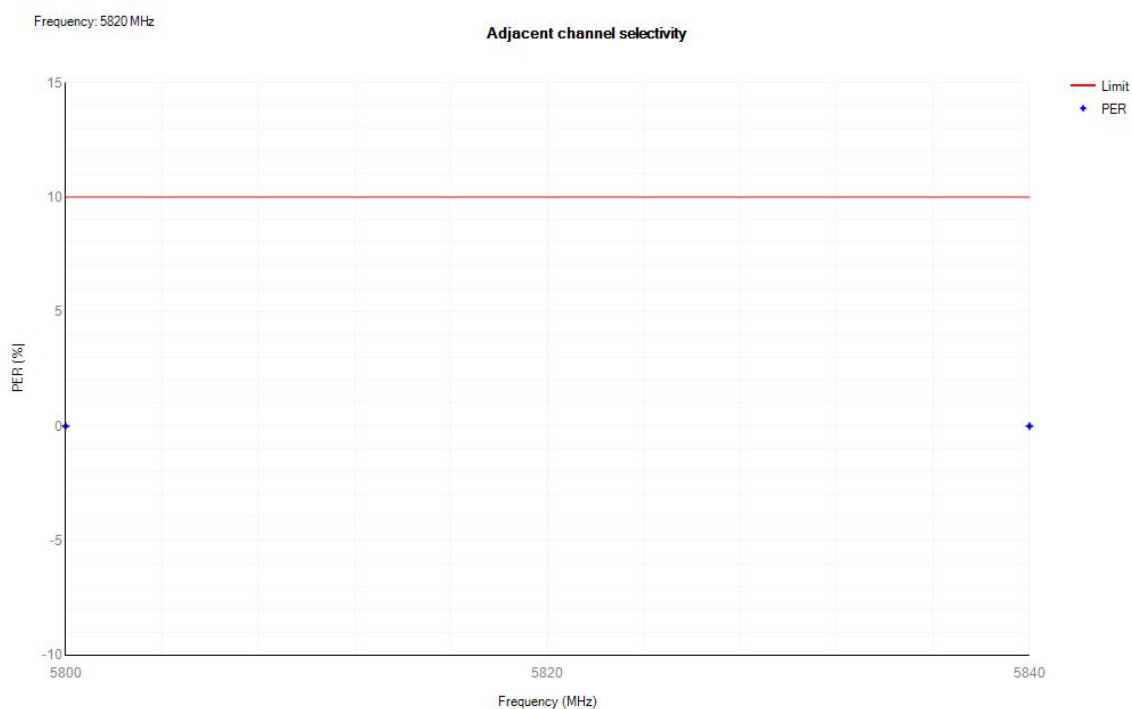
Rx. ACS NVNT a 5750MHz Ant1



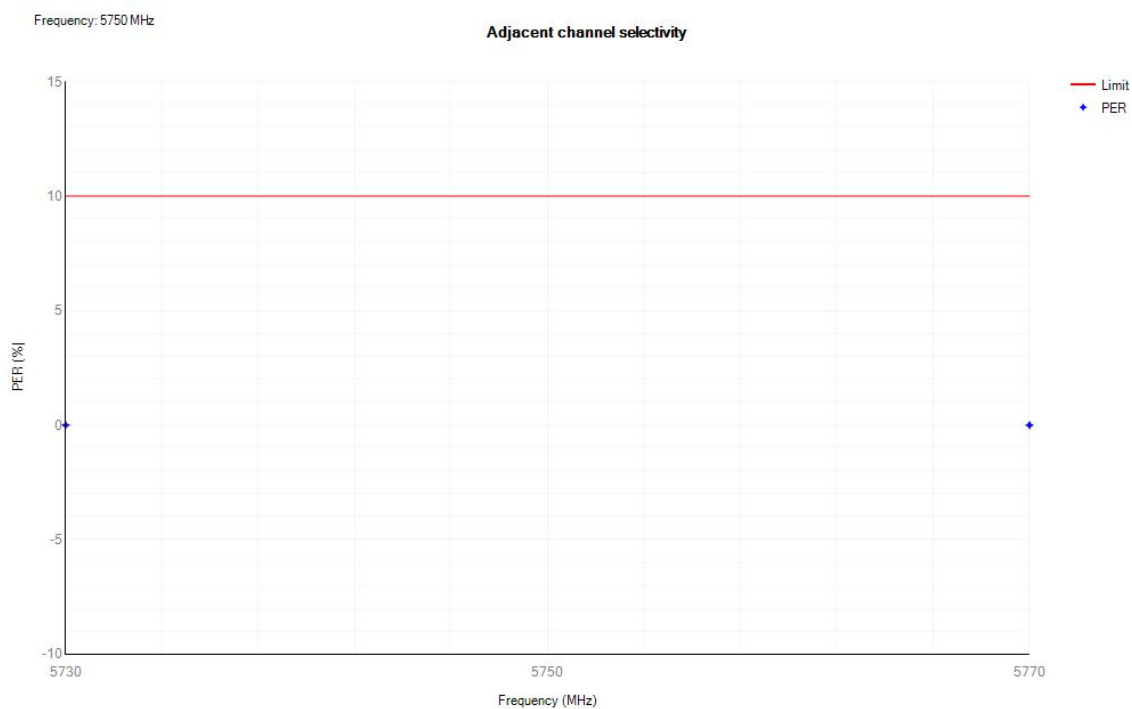
Rx. ACS NVNT a 5780MHz Ant1



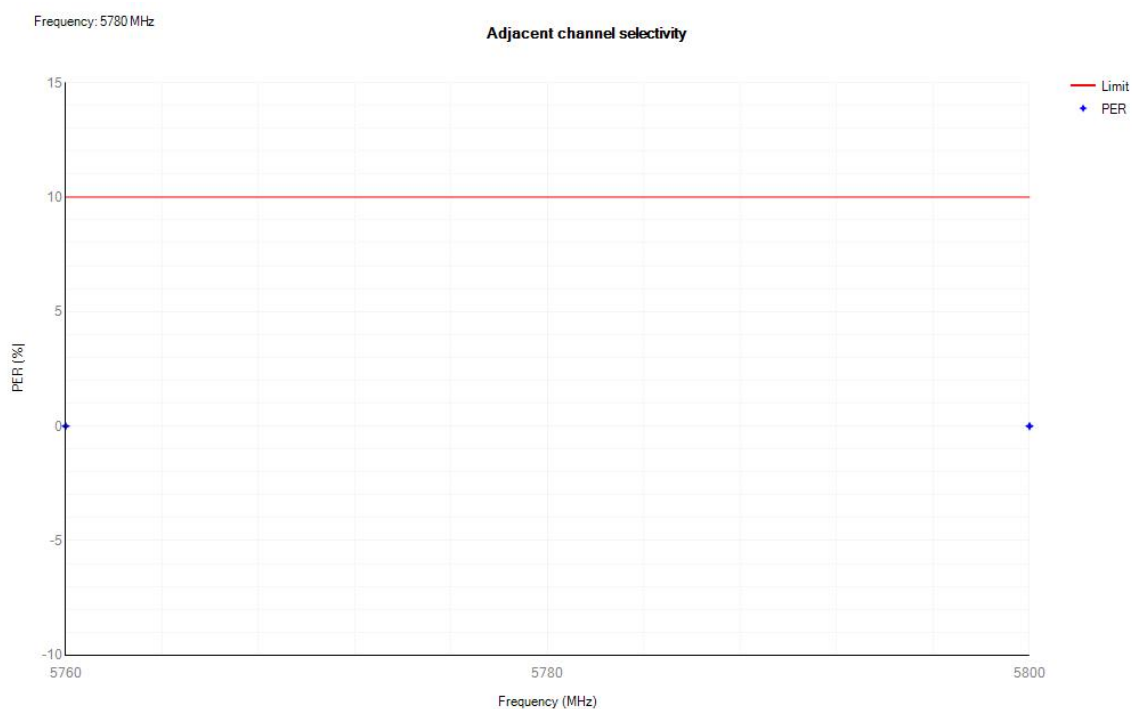
Rx. ACS NVNT a 5820MHz Ant1



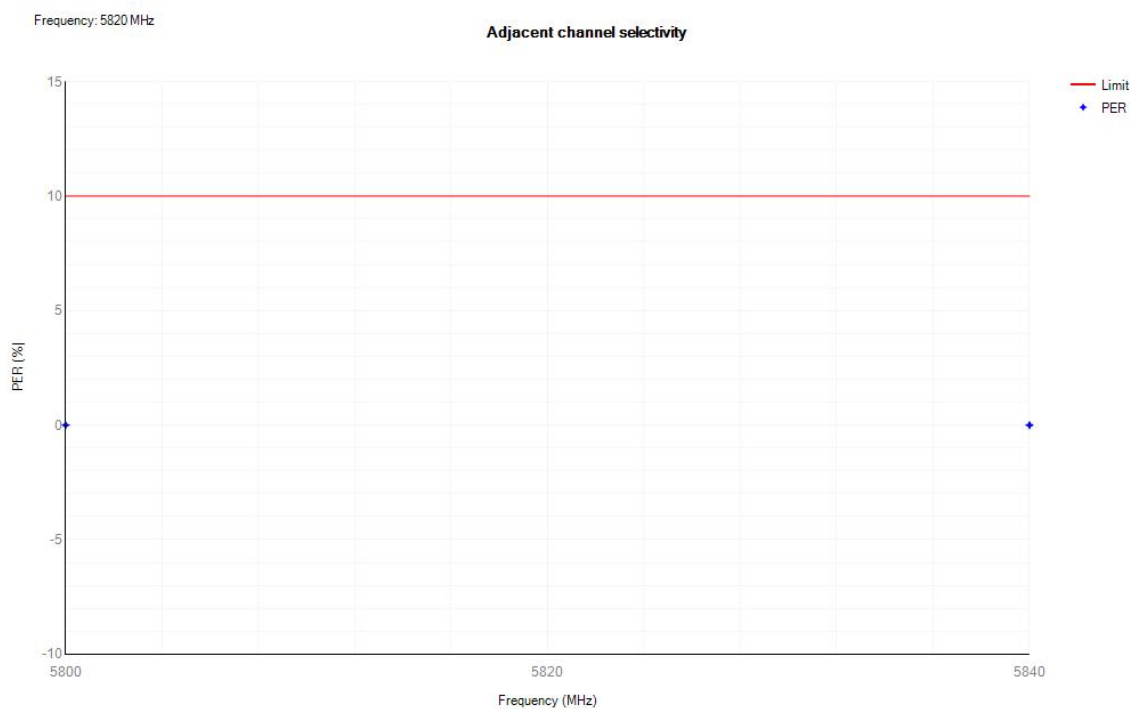
Rx. ACS NVNT a 5750MHz Ant2



Rx. ACS NVNT a 5780MHz Ant2



Rx. ACS NVNT a 5820MHz Ant2

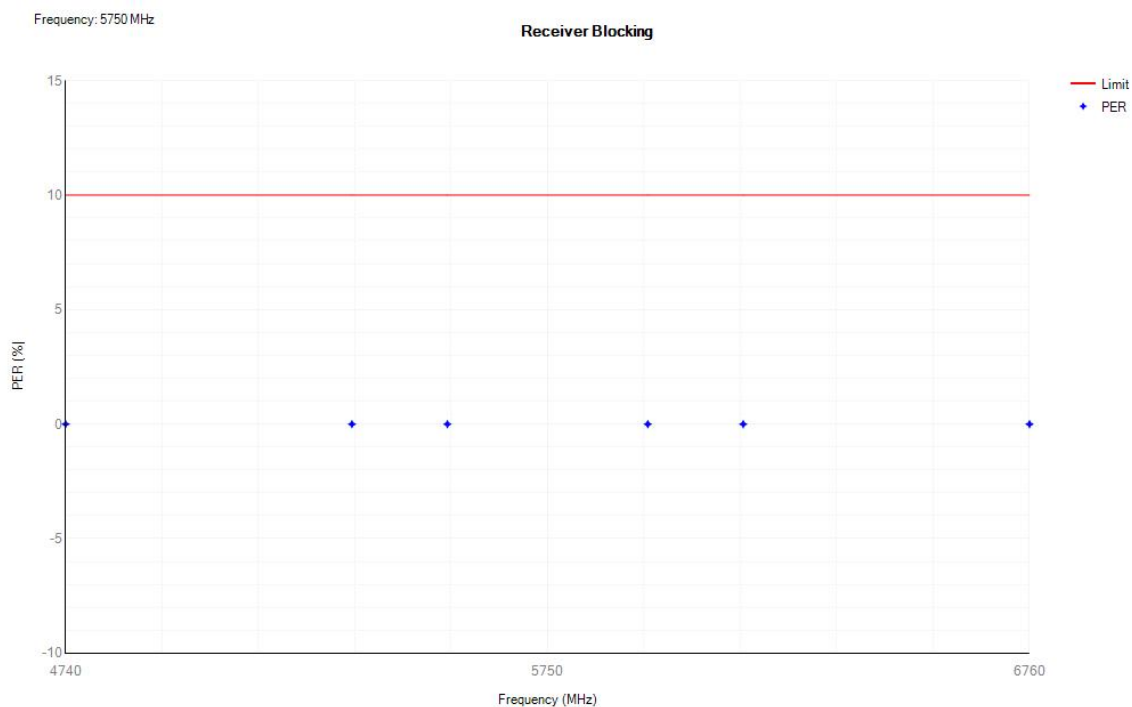


Receiver Blocking

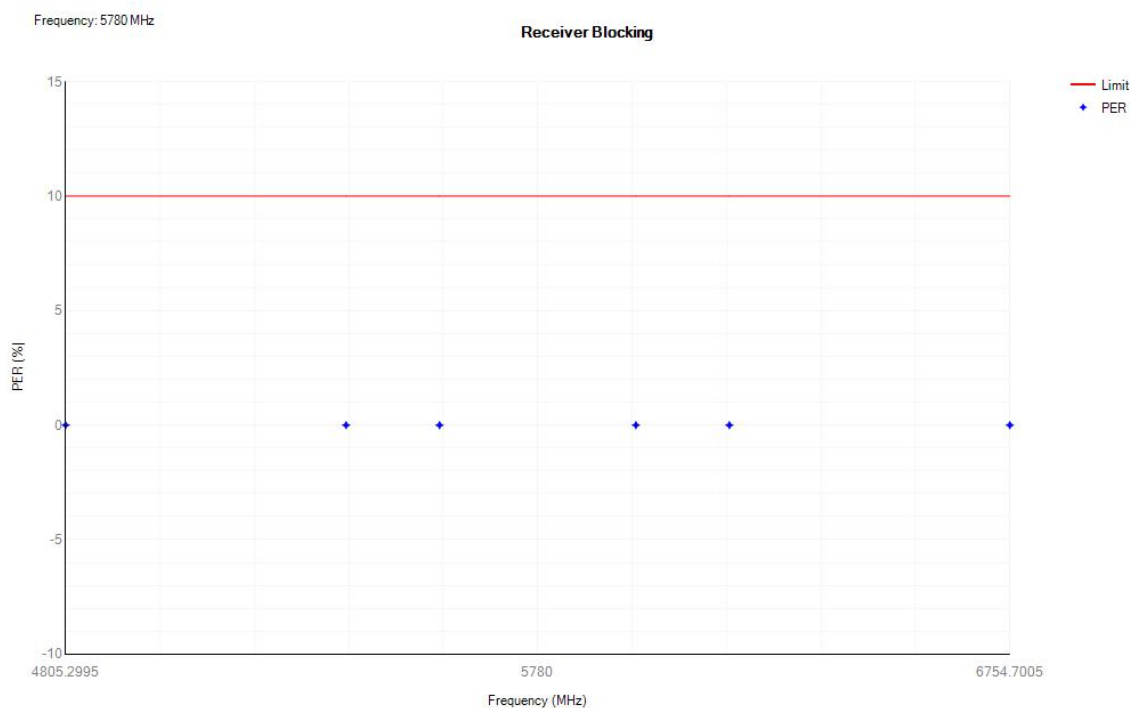
Condition	Mode	Frequency (MHz)	Antenna	Pmin (dBm)	Wanted Power (dBm)	Blocking Frequency (MHz)	Blocking Power (dBm)	Limit (dBm)	PER (%)	Verdict
NVNT	a	5750	Ant1	-60	Pmin+3	4740	-50	-58.2	0	Pass
				-60	Pmin+3	5340	-50	-58.2	0	Pass
				-60	Pmin+3	5540	-50	-58.2	0	Pass
				-60	Pmin+3	5960	-50	-58.2	0	Pass
				-60	Pmin+3	6160	-50	-58.2	0	Pass
				-60	Pmin+3	6760	-50	-58.2	0	Pass
		5780		-60	Pmin+3	4805.2995	-50	-58.09	0	Pass
				-60	Pmin+3	5384.3295	-50	-58.09	0	Pass
				-60	Pmin+3	5577.3395	-50	-58.09	0	Pass
				-60	Pmin+3	5982.6605	-50	-58.09	0	Pass
				-60	Pmin+3	6175.6705	-50	-58.09	0	Pass
				-60	Pmin+3	6754.7005	-50	-58.09	0	Pass
		5820		-60	Pmin+3	4845.0975	-50	-58.16	0	Pass
				-60	Pmin+3	5424.2475	-50	-58.16	0	Pass
				-60	Pmin+3	5617.2975	-50	-58.16	0	Pass
				-60	Pmin+3	6022.7025	-50	-58.16	0	Pass
				-60	Pmin+3	6215.7525	-50	-58.16	0	Pass
				-60	Pmin+3	6794.9025	-50	-58.16	0	Pass
		5750	Ant2	-60	Pmin+3	4740	-50	-58.2	0	Pass
				-60	Pmin+3	5340	-50	-58.2	0	Pass
				-60	Pmin+3	5540	-50	-58.2	0	Pass
				-60	Pmin+3	5960	-50	-58.2	0	Pass
				-60	Pmin+3	6160	-50	-58.2	0	Pass
				-60	Pmin+3	6760	-50	-58.2	0	Pass
		5780		-60	Pmin+3	4805.4005	-50	-58.09	0	Pass
				-60	Pmin+3	5384.3705	-50	-58.09	0	Pass
				-60	Pmin+3	5577.3605	-50	-58.09	0	Pass
				-60	Pmin+3	5982.6395	-50	-58.09	0	Pass
				-60	Pmin+3	6175.6295	-50	-58.09	0	Pass
				-60	Pmin+3	6754.5995	-50	-58.09	0	Pass
		5820		-60	Pmin+3	4845.956	-50	-58.15	0	Pass
				-60	Pmin+3	5424.596	-50	-58.15	0	Pass
				-60	Pmin+3	5617.476	-50	-58.15	0	Pass
				-60	Pmin+3	6022.524	-50	-58.15	0	Pass
				-60	Pmin+3	6215.404	-50	-58.15	0	Pass
				-60	Pmin+3	6794.044	-50	-58.15	0	Pass

Test Graphs

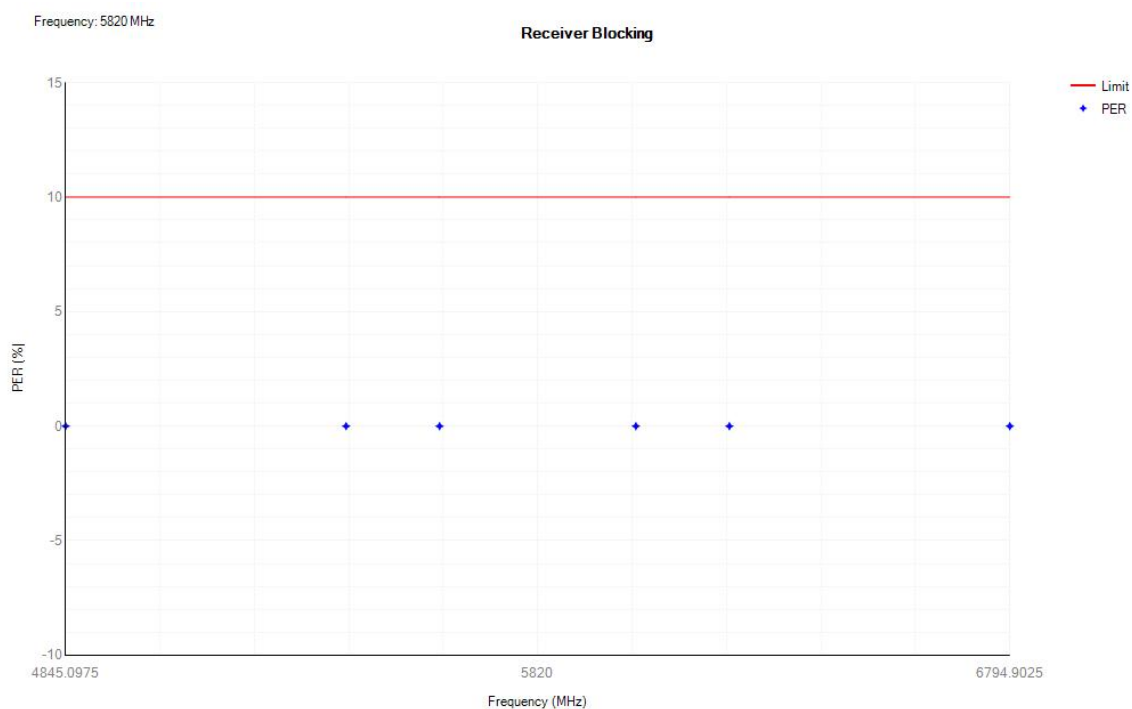
Rx. Blockings NVNT a 5750MHz Ant1



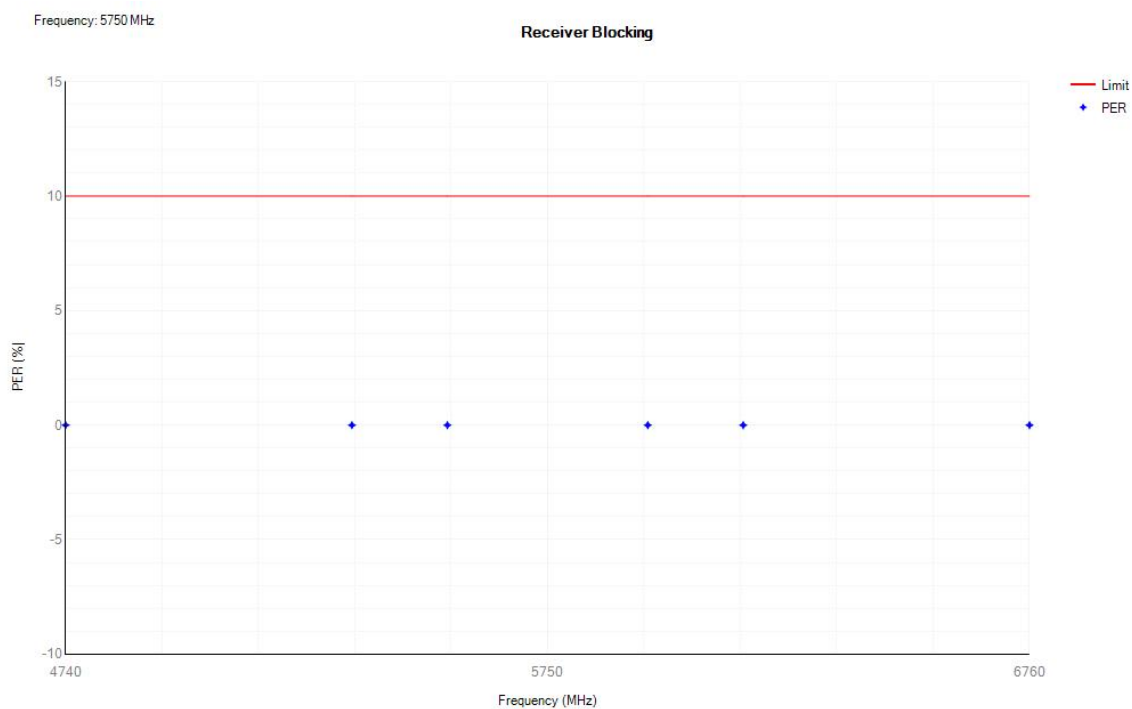
Rx. Blockings NVNT a 5780MHz Ant1



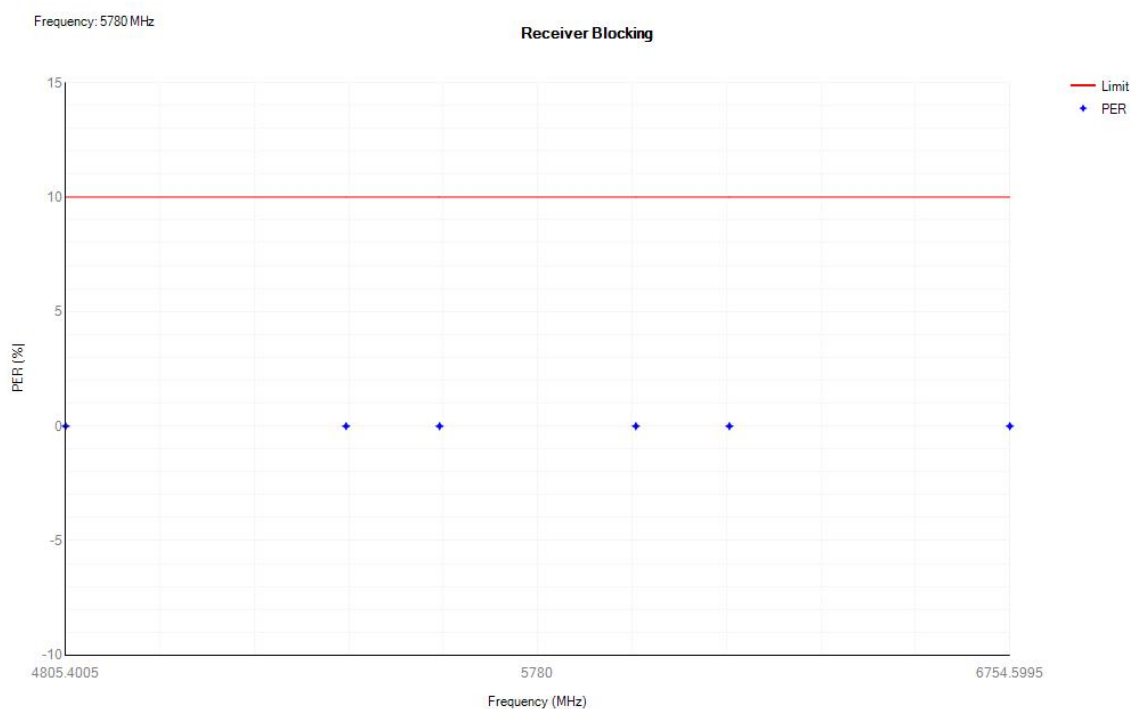
Rx. Blockings NVNT a 5820MHz Ant1



Rx. Blockings NVNT a 5750MHz Ant2



Rx. Blockings NVNT a 5780MHz Ant2



Rx. Blockings NVNT a 5820MHz Ant2

