
Appendix

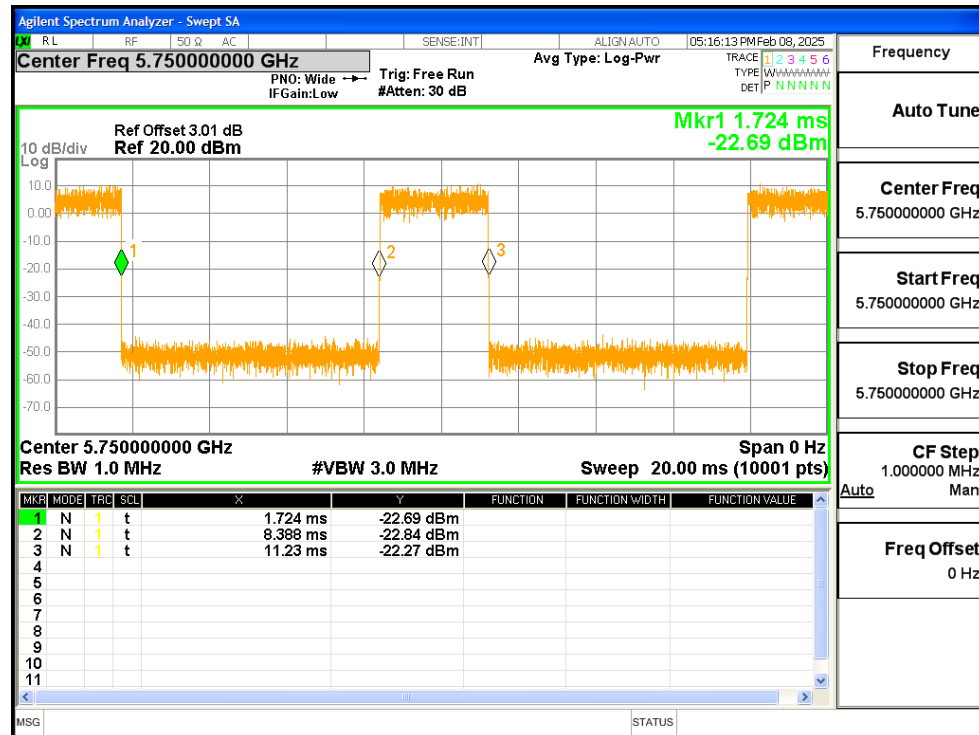
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Duty Cycle

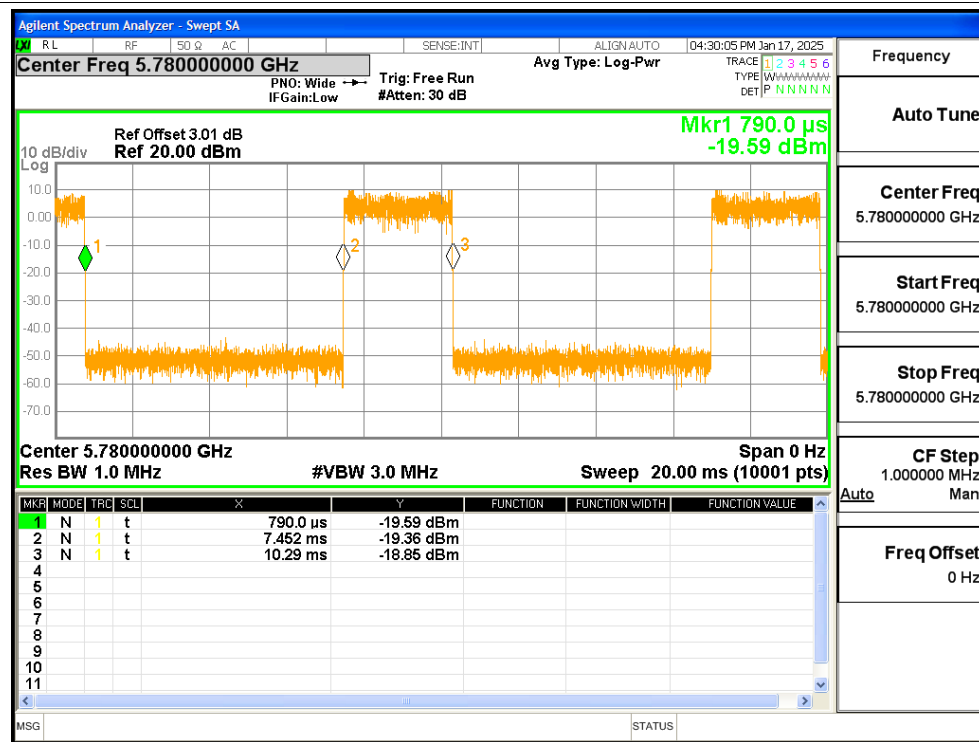
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	/	5750	Ant1	29.9	5.24	0.35
		5780		29.9	5.24	0.35
		5820		29.9	5.24	0.35
		5750	Ant2	29.9	5.24	0.35
		5780		29.9	5.24	0.35
		5820		29.9	5.24	0.35

Test Graphs

Duty Cycle - 5750MHz Ant1

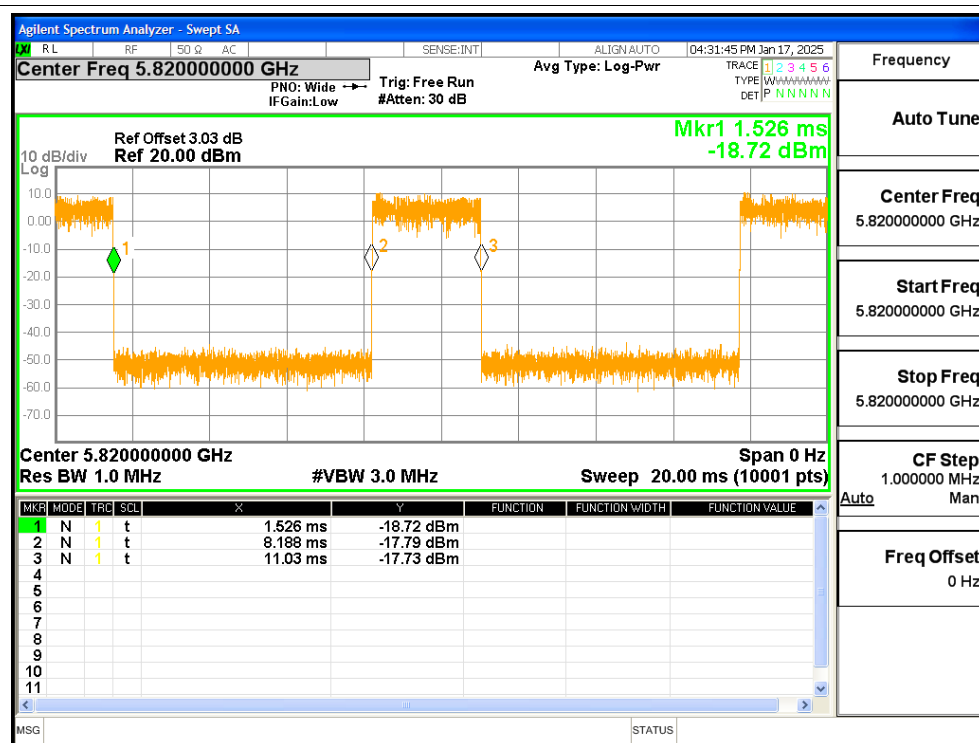


Duty Cycle - 5780MHz Ant1

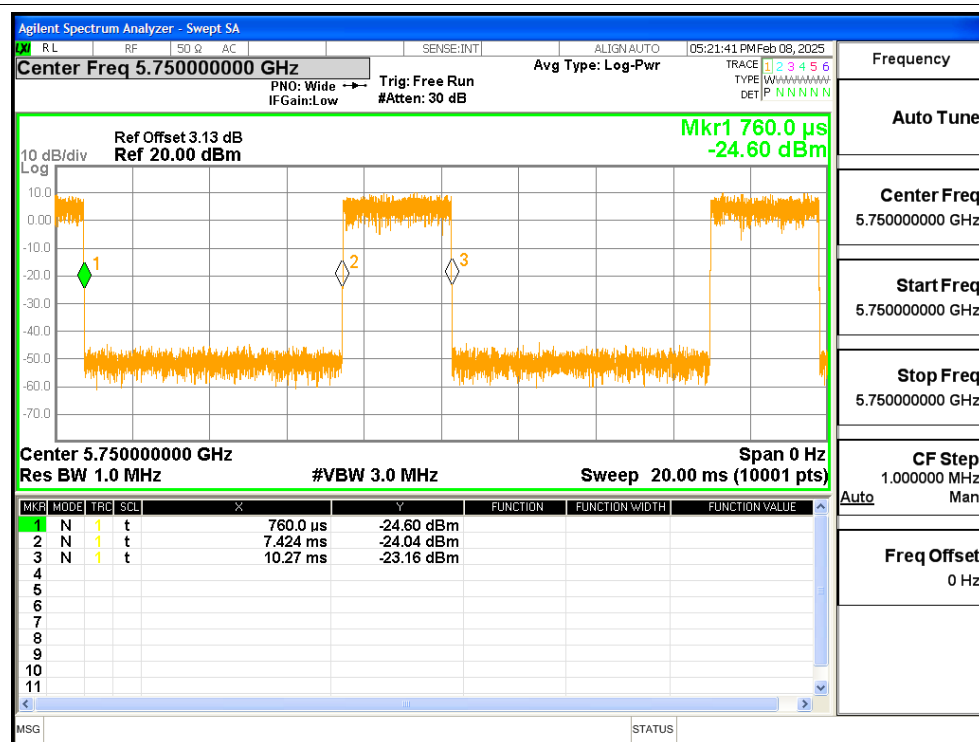


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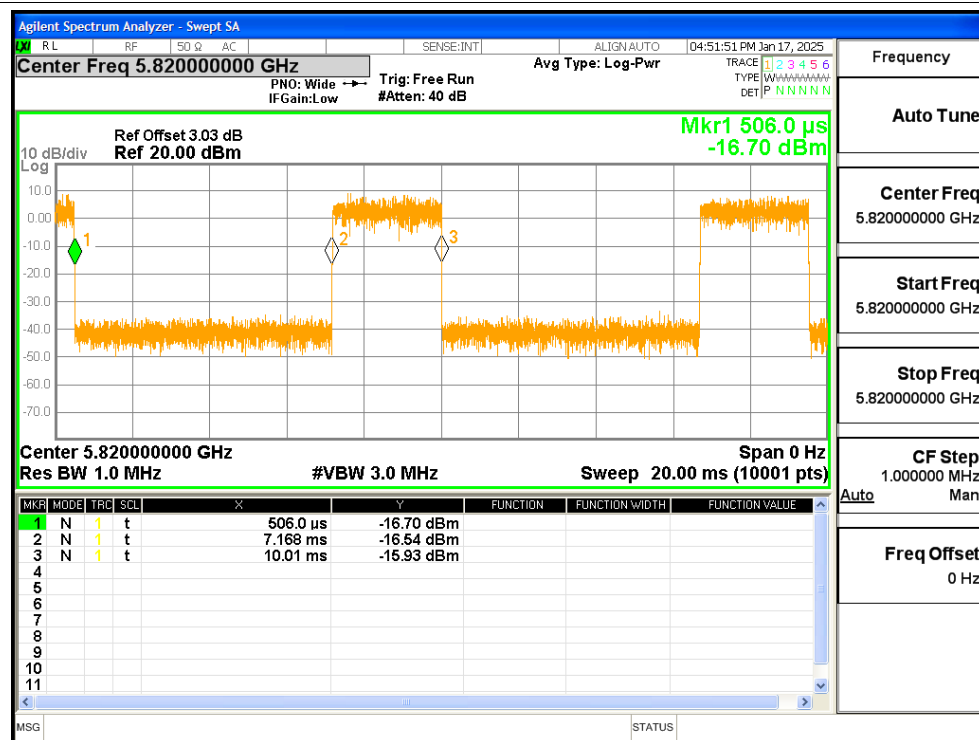
Duty Cycle - 5820MHz Ant1



Duty Cycle - 5750MHz Ant2



Duty Cycle - 5820MHz Ant2



Maximum Conducted Output Power

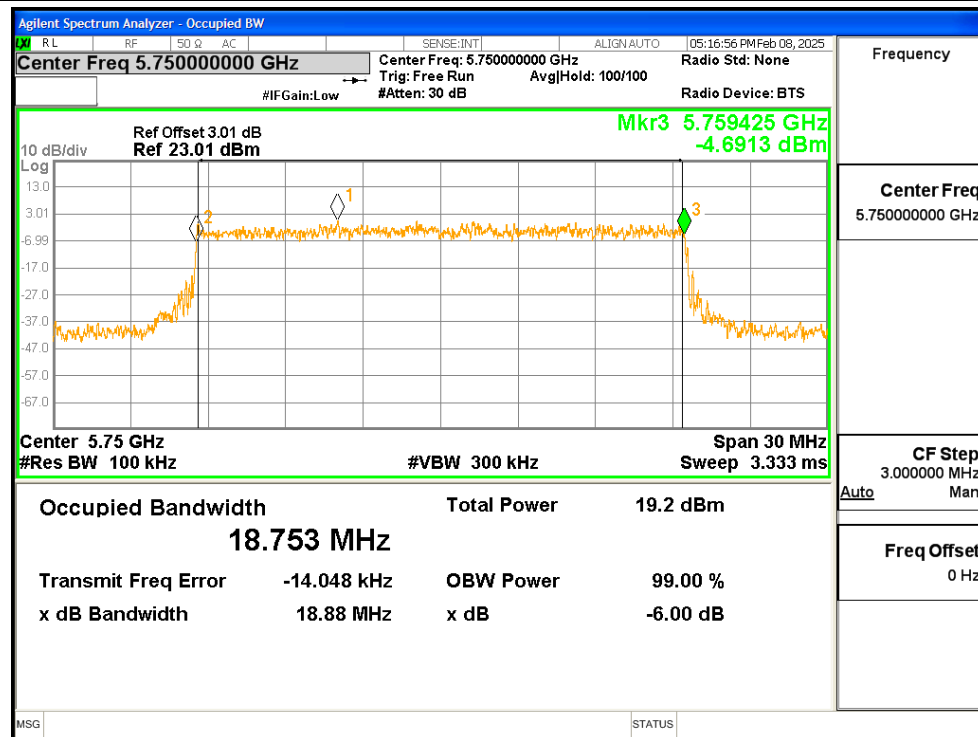
Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	/	5750	Ant1	12.57	30	Pass
	/	5780	Ant1	12.68	30	Pass
	/	5820	Ant1	12.76	30	Pass
	/	5750	Ant2	13.57	30	Pass
	/	5780	Ant2	11.1	30	Pass
	/	5820	Ant2	11.71	30	Pass
	/	5750	MIMO	16.11	30	Pass
	/	5780	MIMO	14.97	30	Pass
	/	5820	MIMO	15.28	30	Pass

-6dB Bandwidth

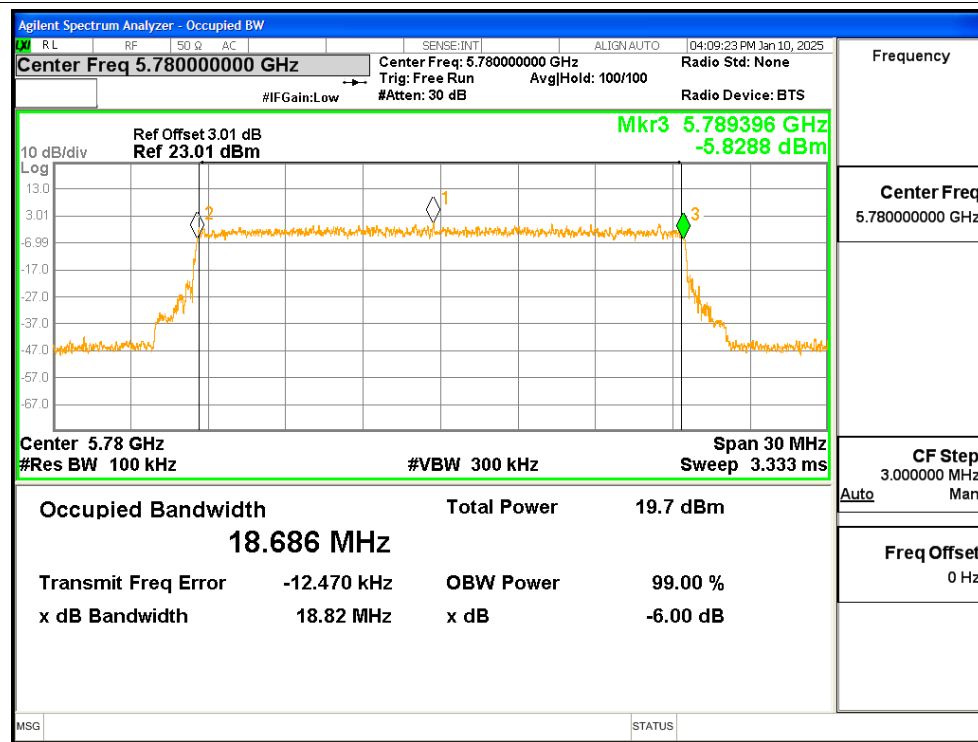
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	/	5750	Ant1	18.878	0.5	Pass
		5780		18.817	0.5	Pass
		5820		18.818	0.5	Pass
		5750	Ant2	18.853	0.5	Pass
		5780		18.87	0.5	Pass
		5820		18.794	0.5	Pass

Test Graphs

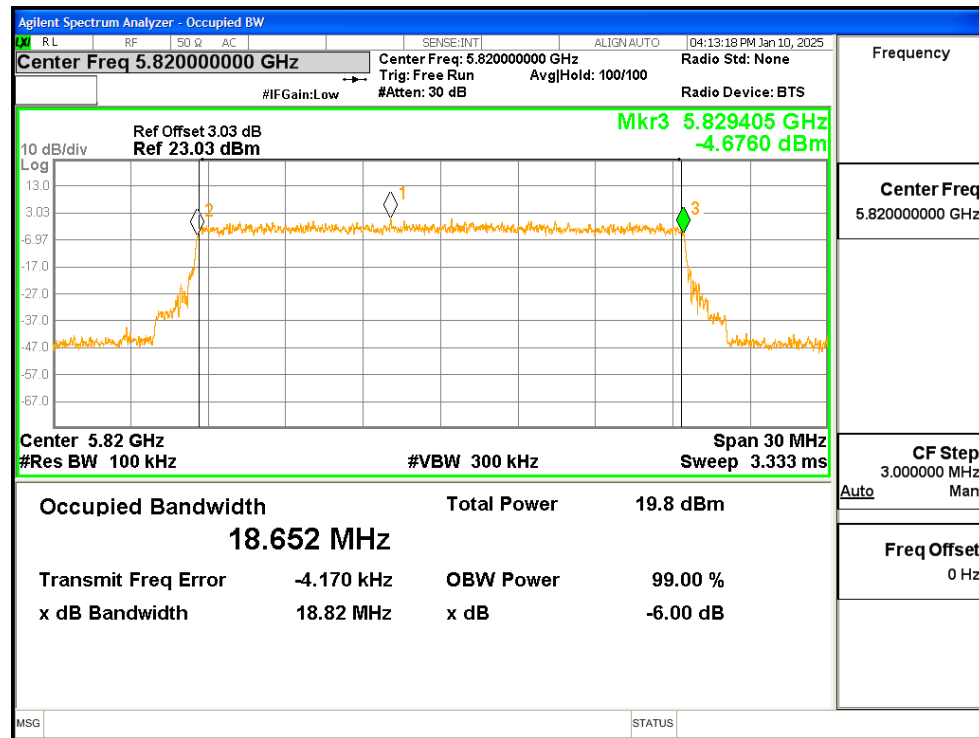
-6dB Bandwidth - 5750MHz Ant1



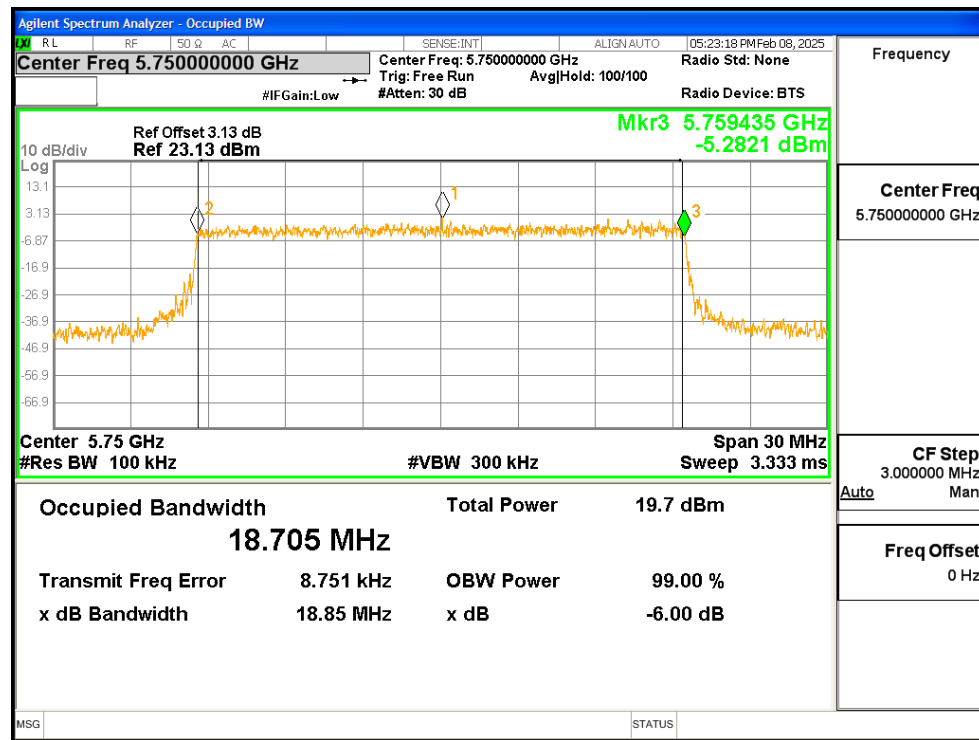
-6dB Bandwidth - 5780MHz Ant1



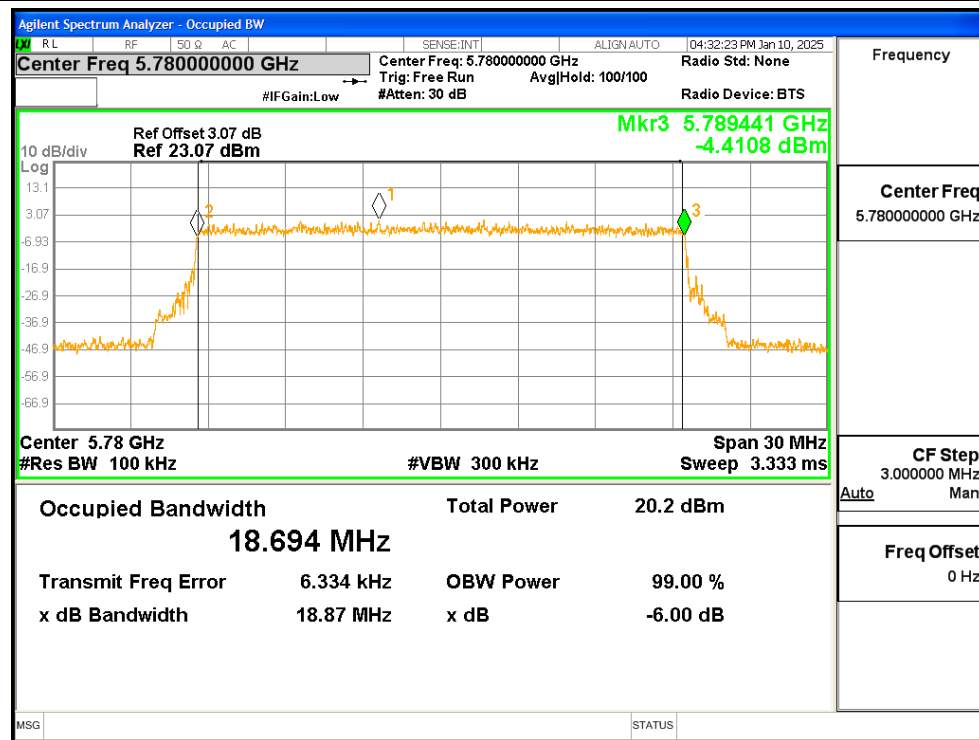
-6dB Bandwidth - 5820MHz Ant1



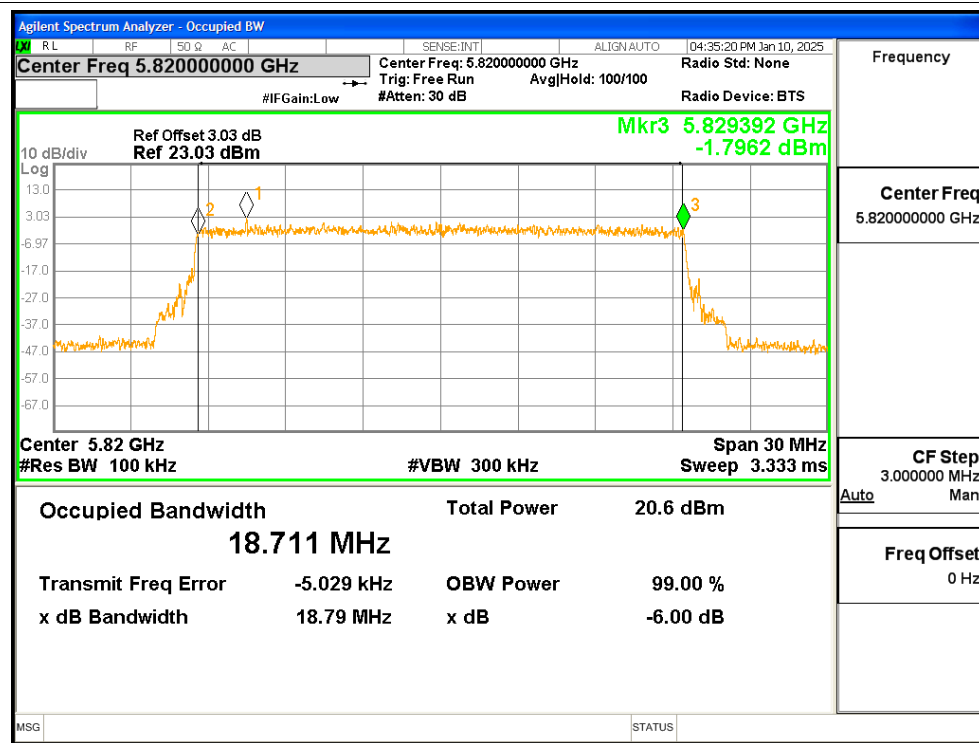
-6dB Bandwidth - 5750MHz Ant2



-6dB Bandwidth - 5780MHz Ant2



-6dB Bandwidth - 5820MHz Ant2

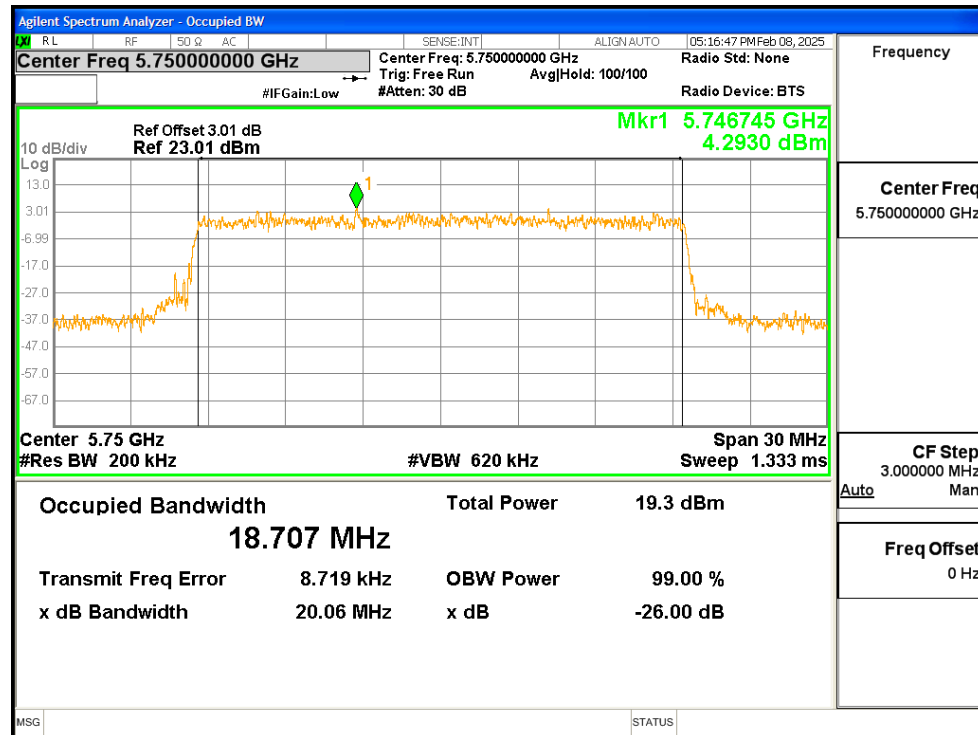


Occupied Channel Bandwidth

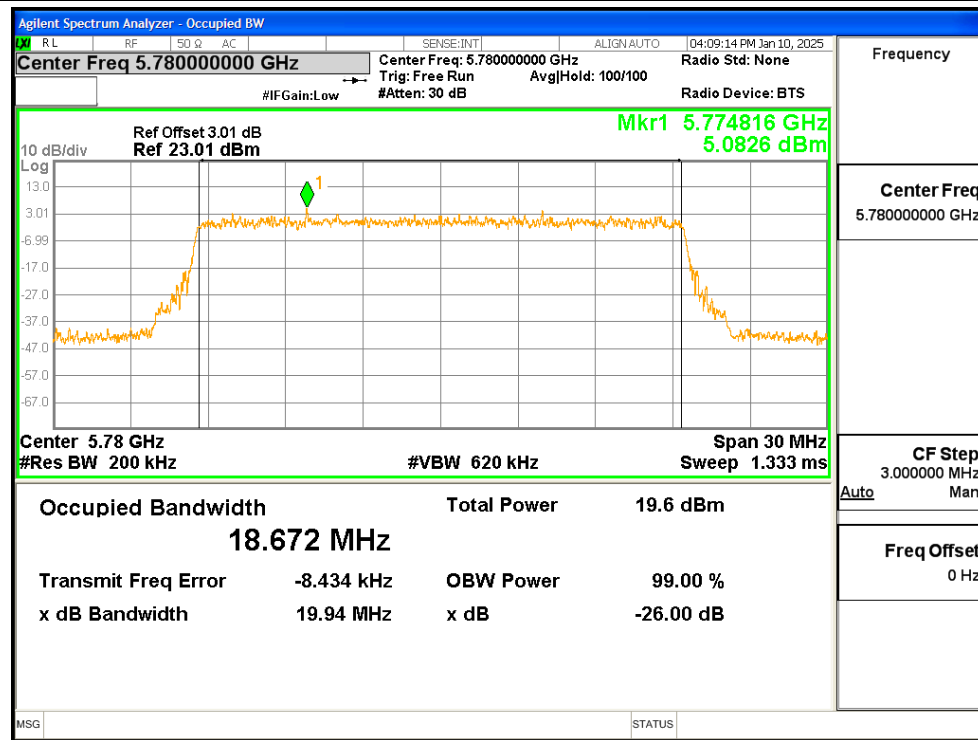
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	/	5750	Ant1	18.707
		5780		18.672
		5820		18.717
		5750	Ant2	18.688
		5780		18.695
		5820		18.767

Test Graphs

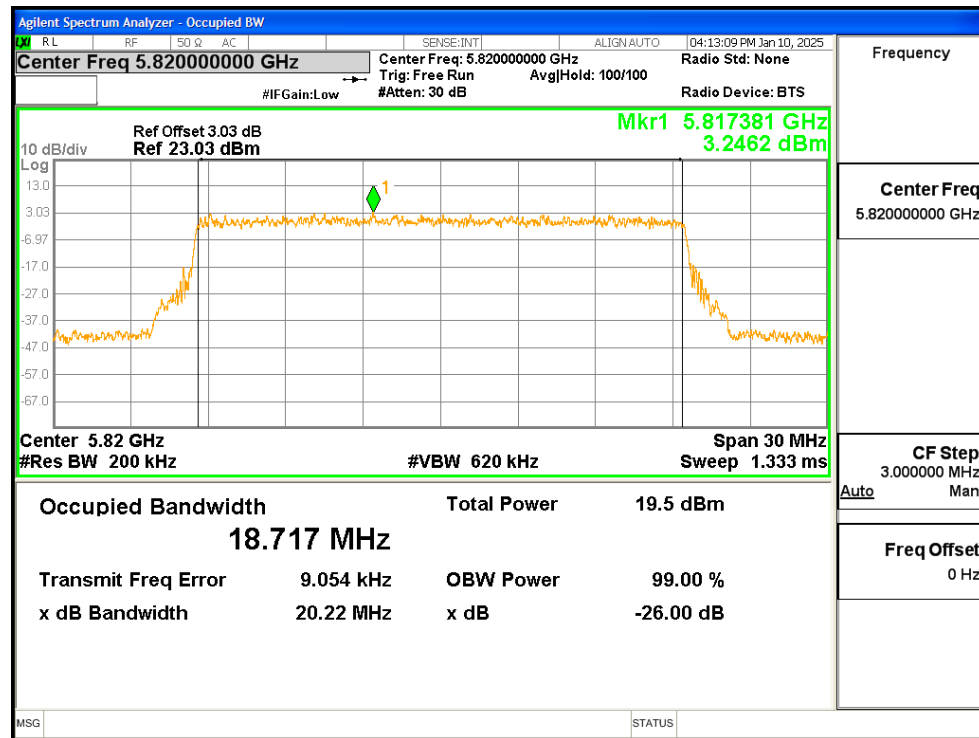
OBW - 5750MHz Ant1



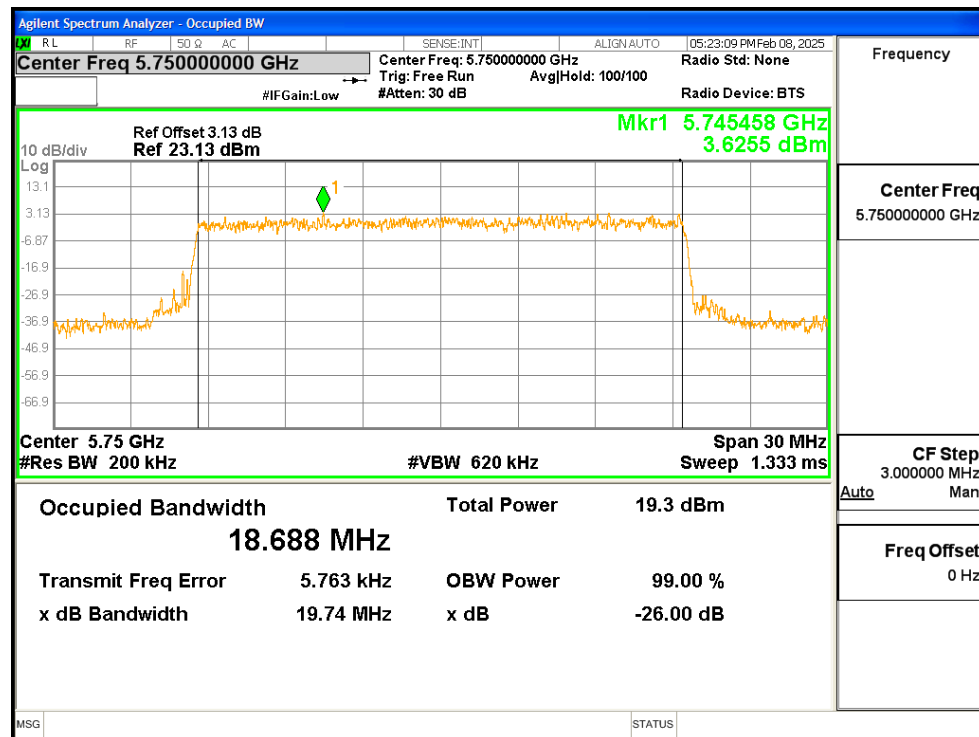
OBW - 5780MHz Ant1



OBW - 5820MHz Ant1

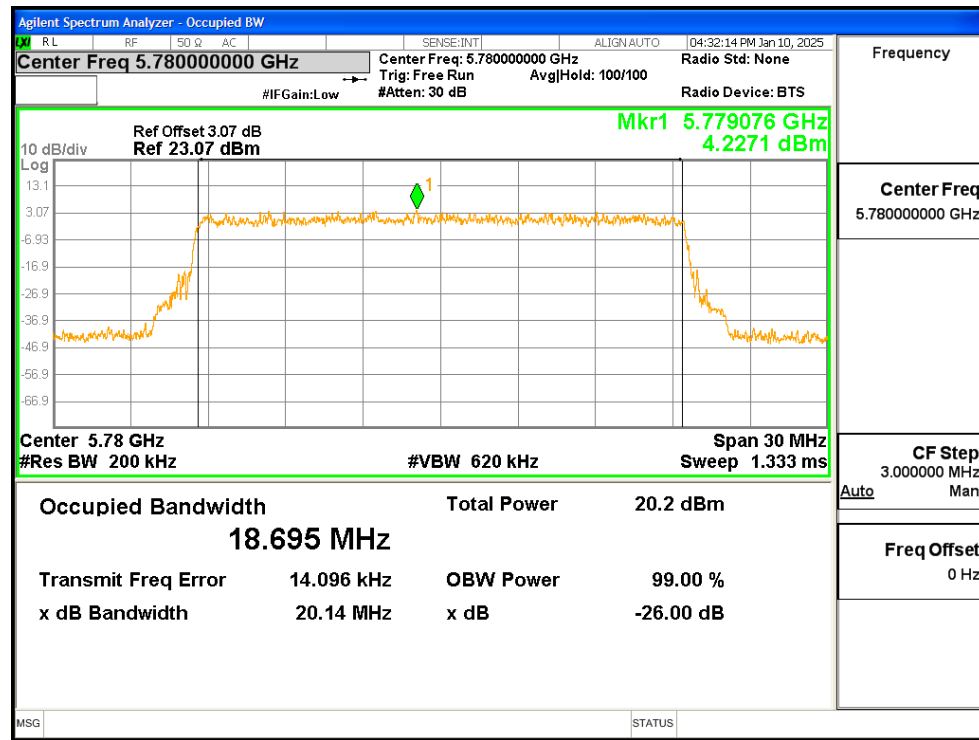


OBW - 5750MHz Ant2

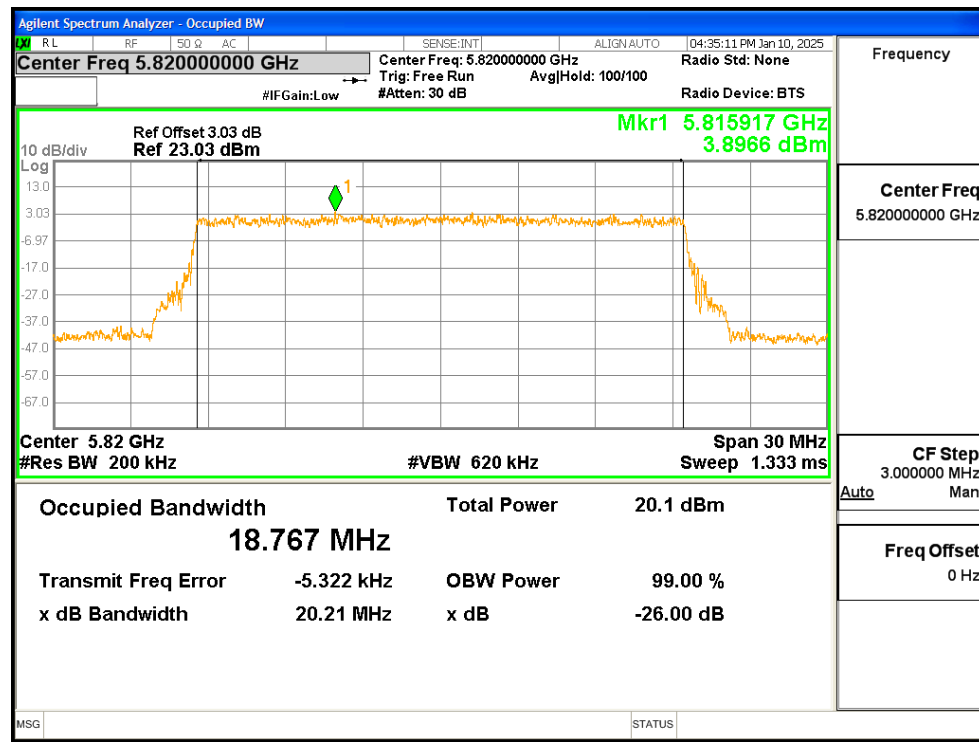


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OBW - 5780MHz Ant2



OBW - 5820MHz Ant2

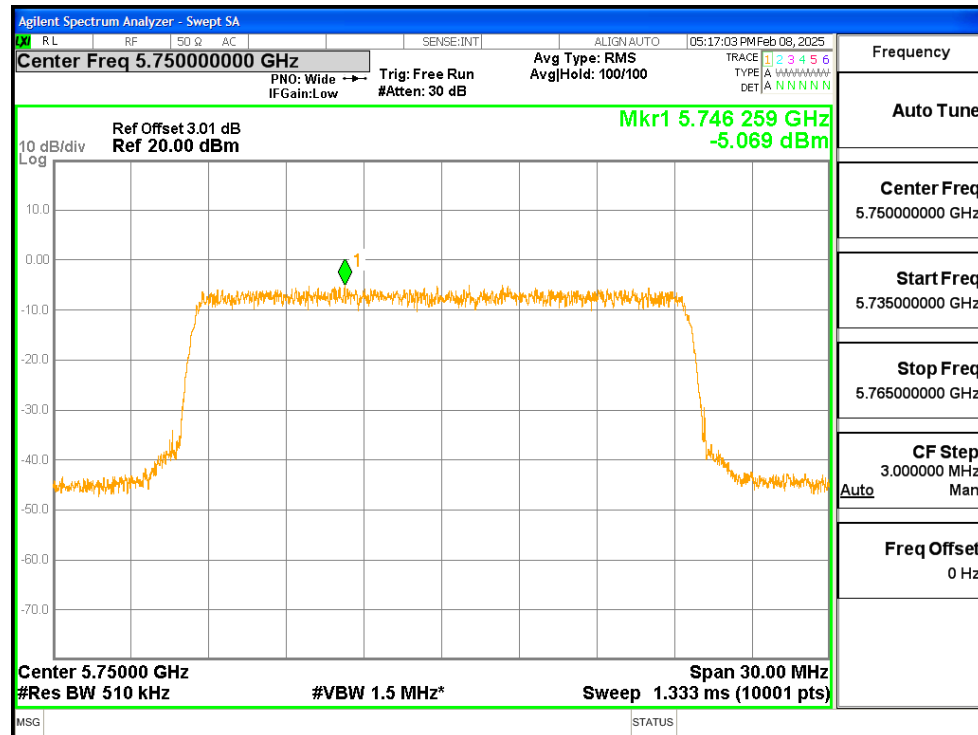


Maximum Power Spectral Density Level

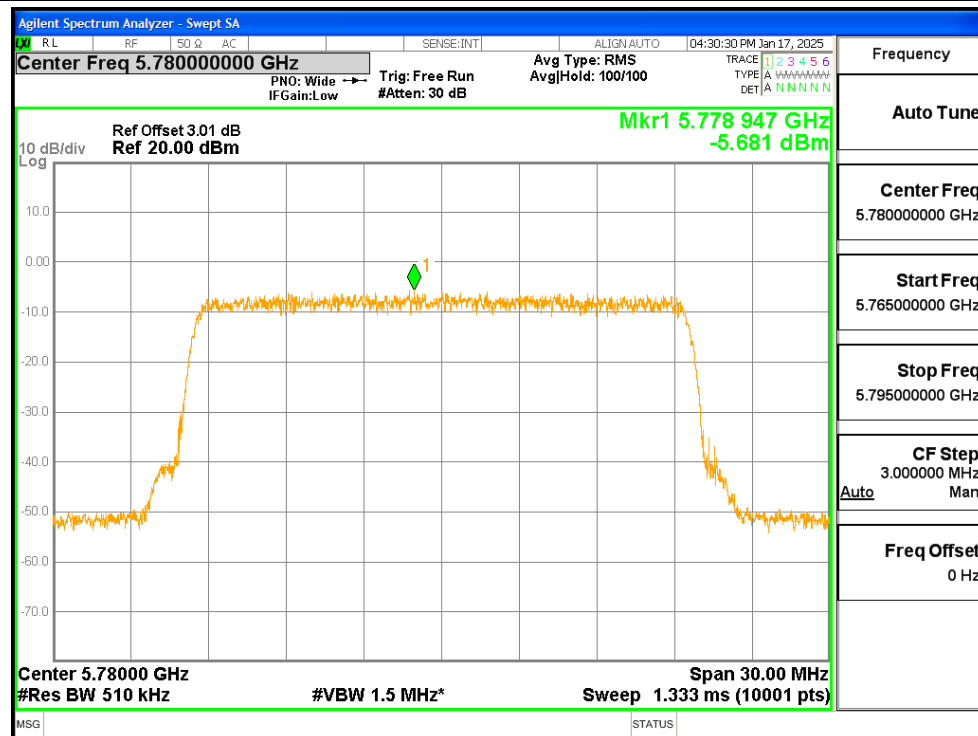
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	/	5750	Ant1	-5.07	30	Pass
	/	5780	Ant1	-5.68	30	Pass
	/	5820	Ant1	-5.13	30	Pass
	/	5750	Ant2	-4.73	30	Pass
	/	5780	Ant2	-7.1	30	Pass
	/	5820	Ant2	-6.69	30	Pass
	/	5750	MIMO	-1.89	30	Pass
	/	5780	MIMO	-3.32	30	Pass
	/	5820	MIMO	-2.83	30	Pass

Test Graphs

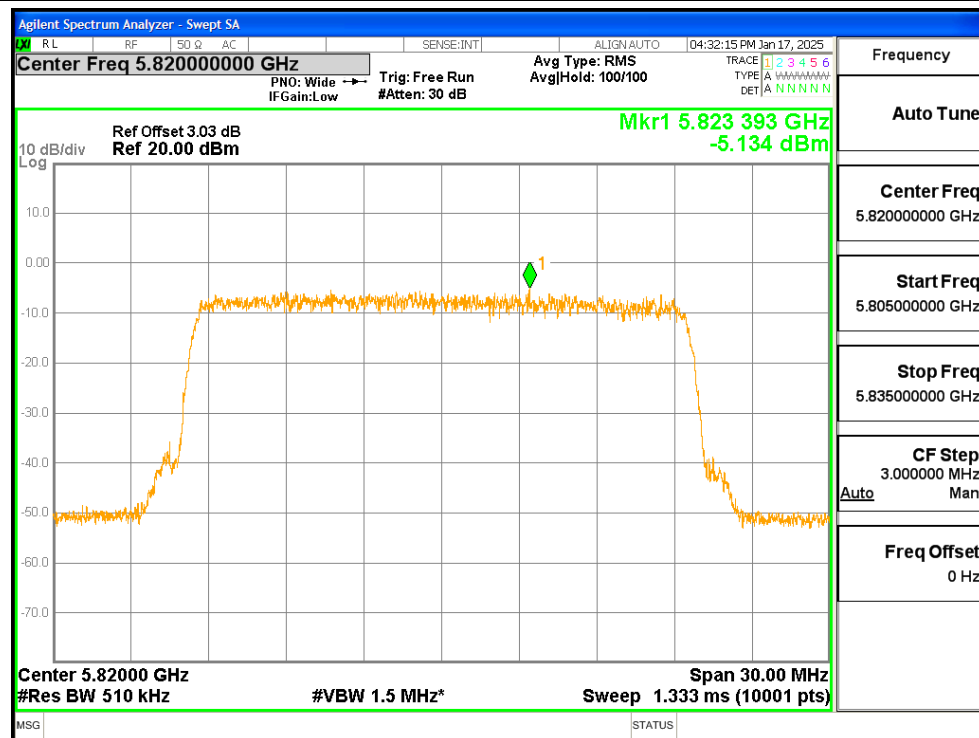
PSD - 5750MHz Ant1



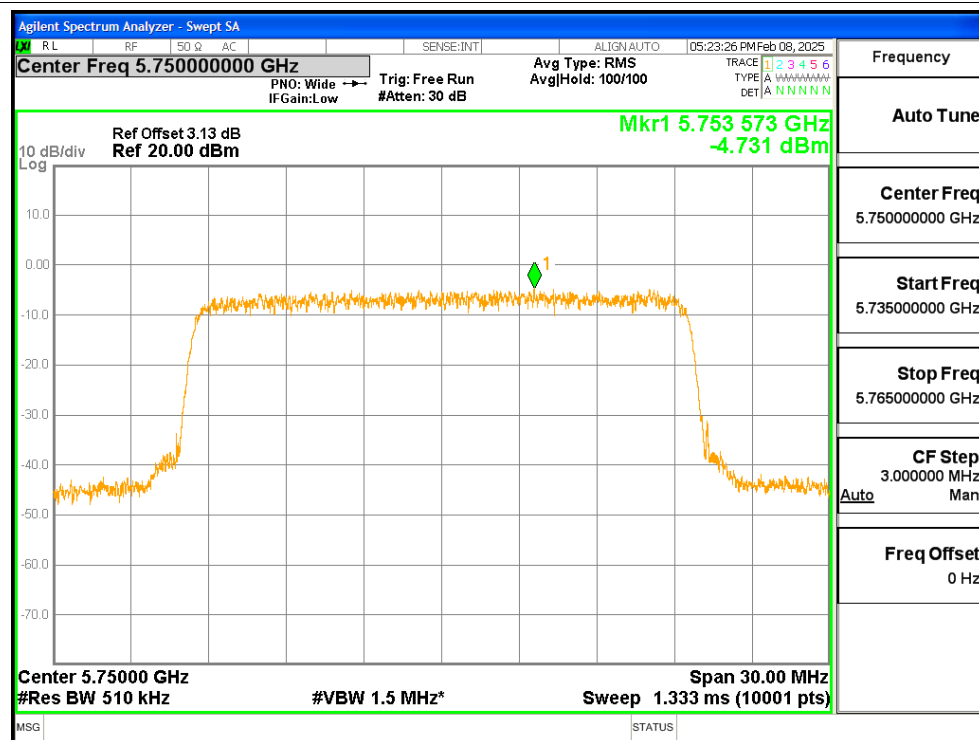
PSD - 5780MHz Ant1



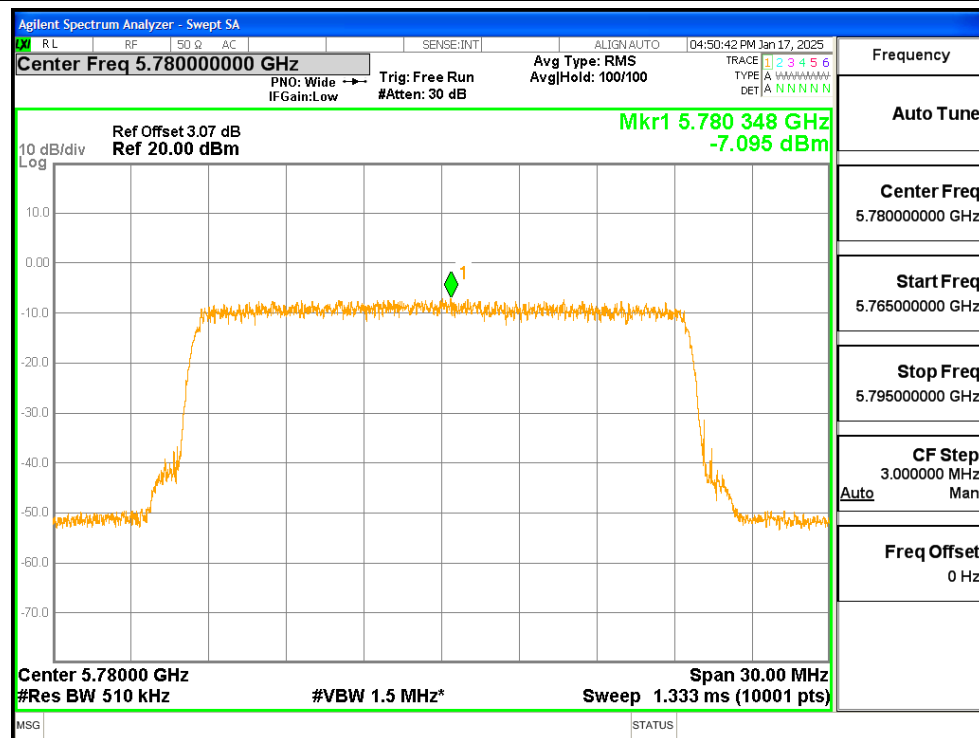
PSD - 5820MHz Ant1



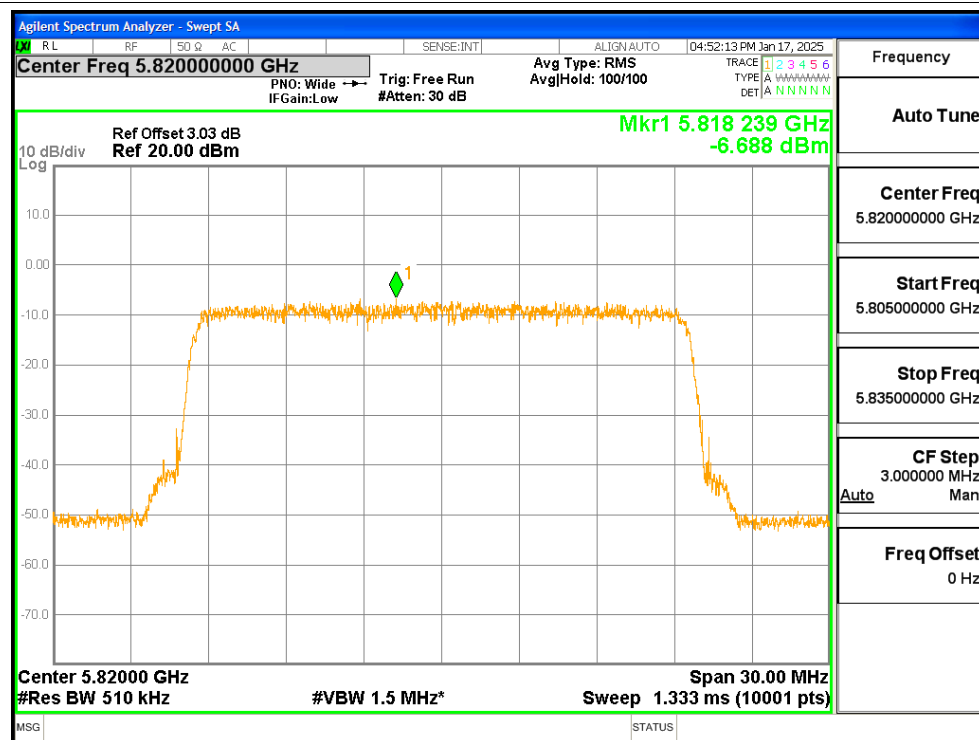
PSD - 5750MHz Ant2



PSD - 5780MHz Ant2



PSD - 5820MHz Ant2



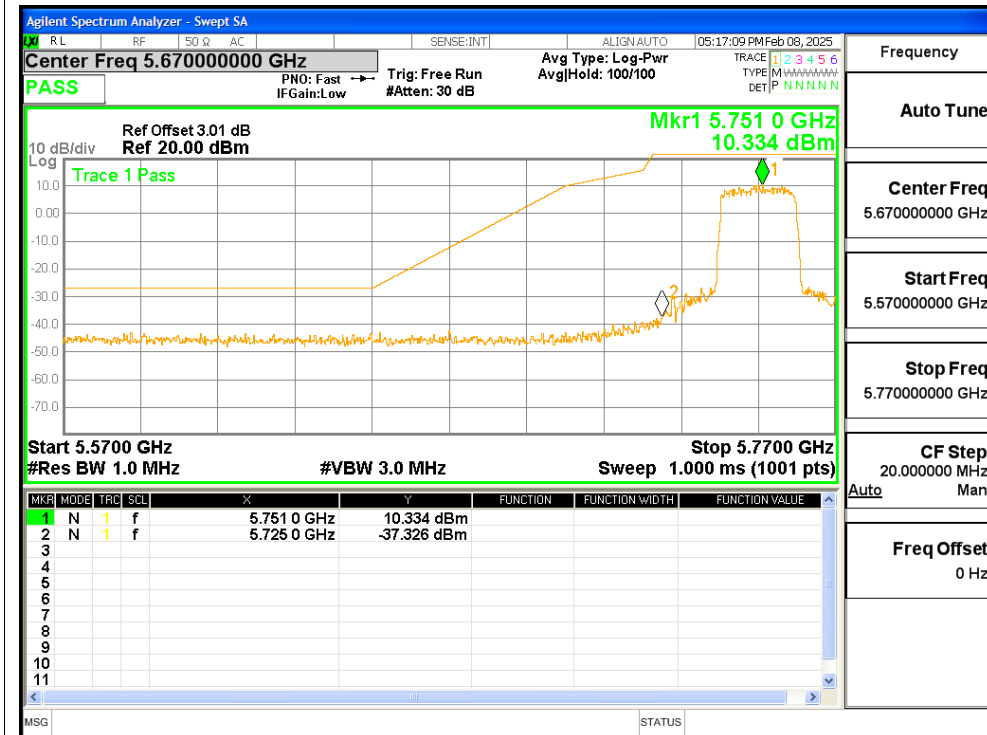
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	/	5750	Ant1	-37.32	Refer to test plot	Pass
		5820		-38.4	Refer to test plot	Pass
		5750	Ant2	-35.48	Refer to test plot	Pass
		5820		-39.61	Refer to test plot	Pass

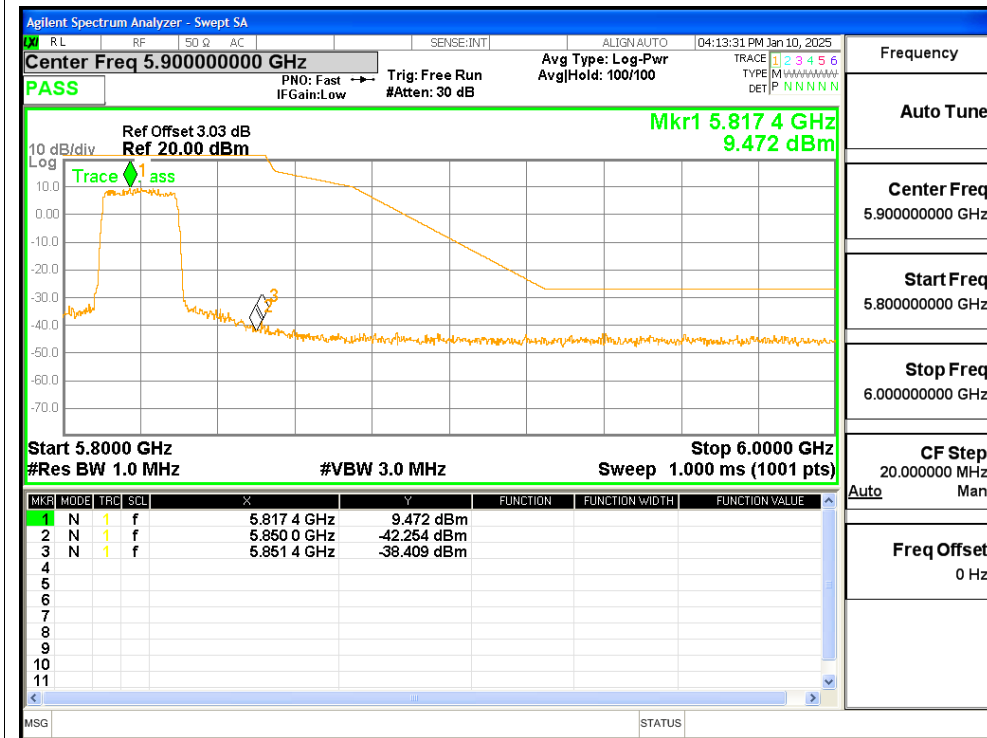
Note: the Band Edge test have been adding the antenna gain.

Test Graphs

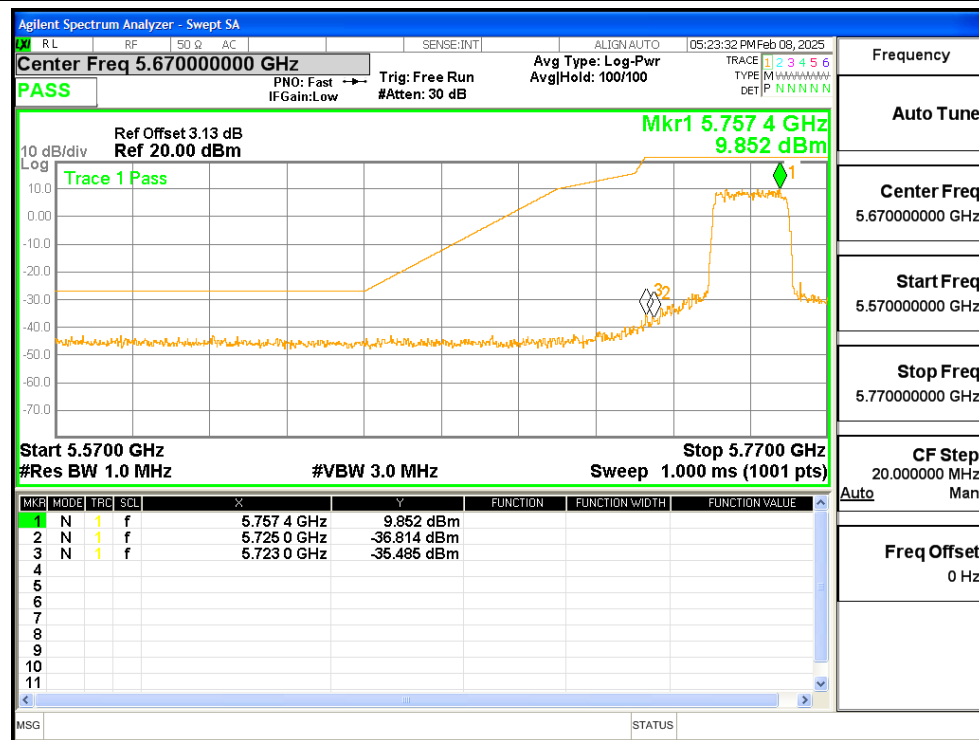
Band Edge - 5750MHz Low Ant1



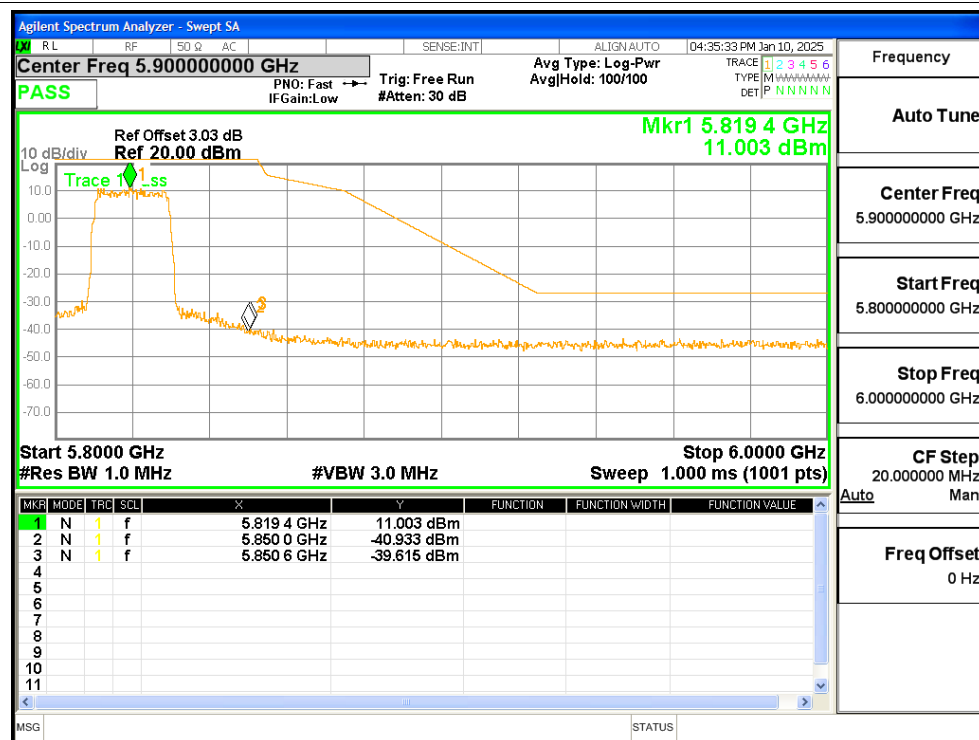
Band Edge - 5820MHz High Ant1



Band Edge - 5750MHz Low Ant2



Band Edge - 5820MHz High Ant2

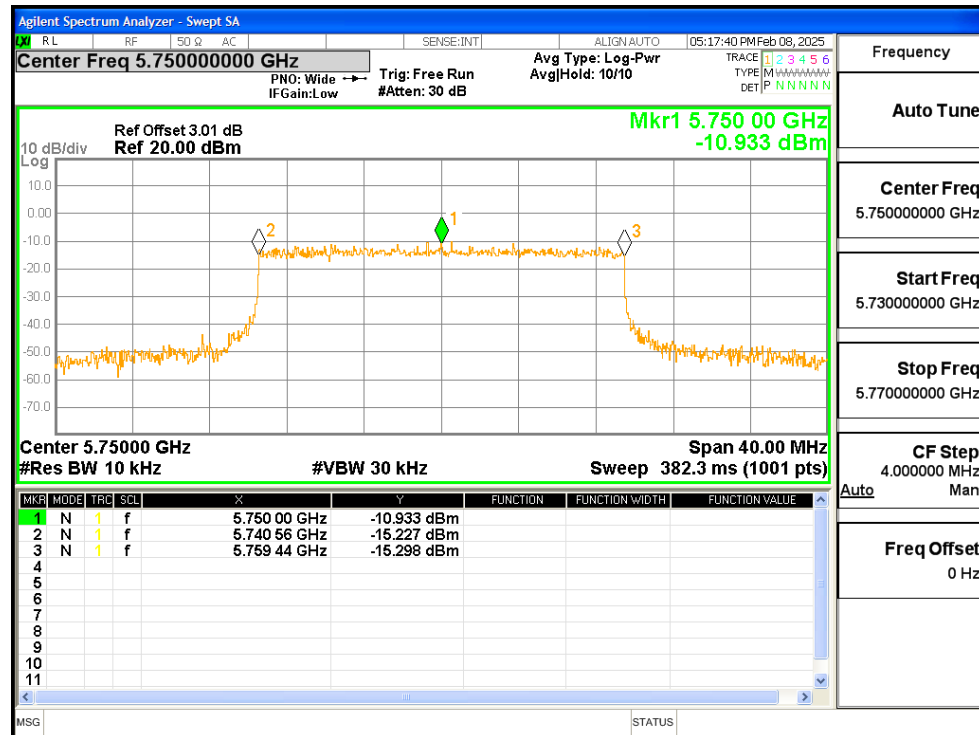


Frequency Stability

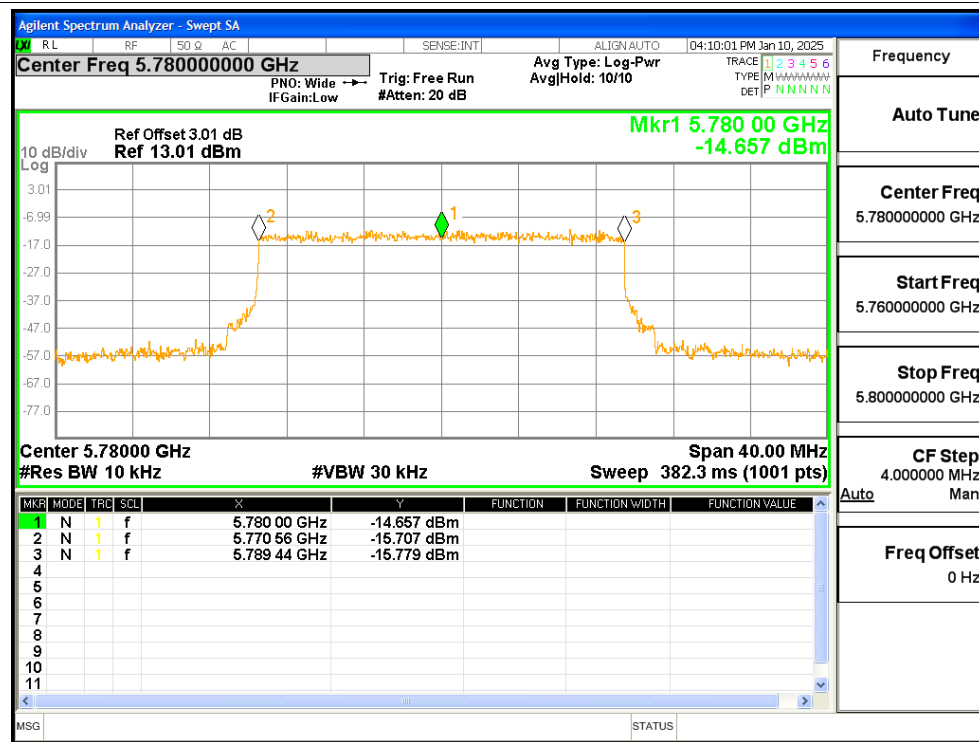
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	/	5750	Ant1	5750	0	0	25	Pass
		5780		5780	0	0	25	Pass
		5820		5820	0	0	25	Pass
		5750	Ant2	5750	0	0	25	Pass
		5780		5780	0	0	25	Pass
		5820		5820	0	0	25	Pass

Test Graphs

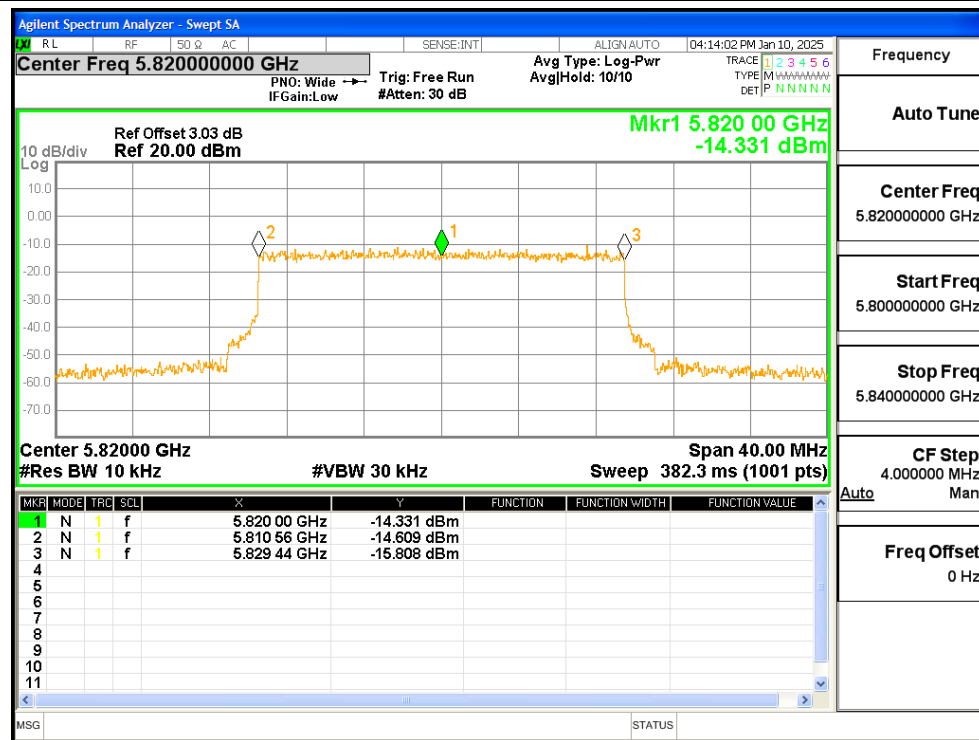
Freq. Stability - 5750MHz Ant1



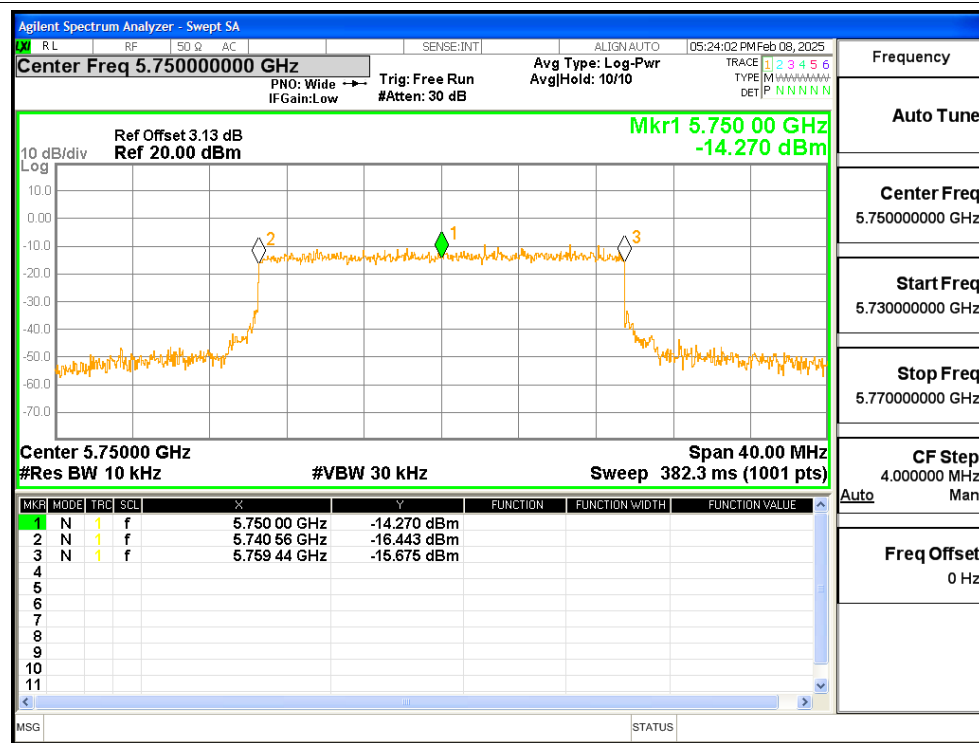
Freq. Stability - 5780MHz Ant1



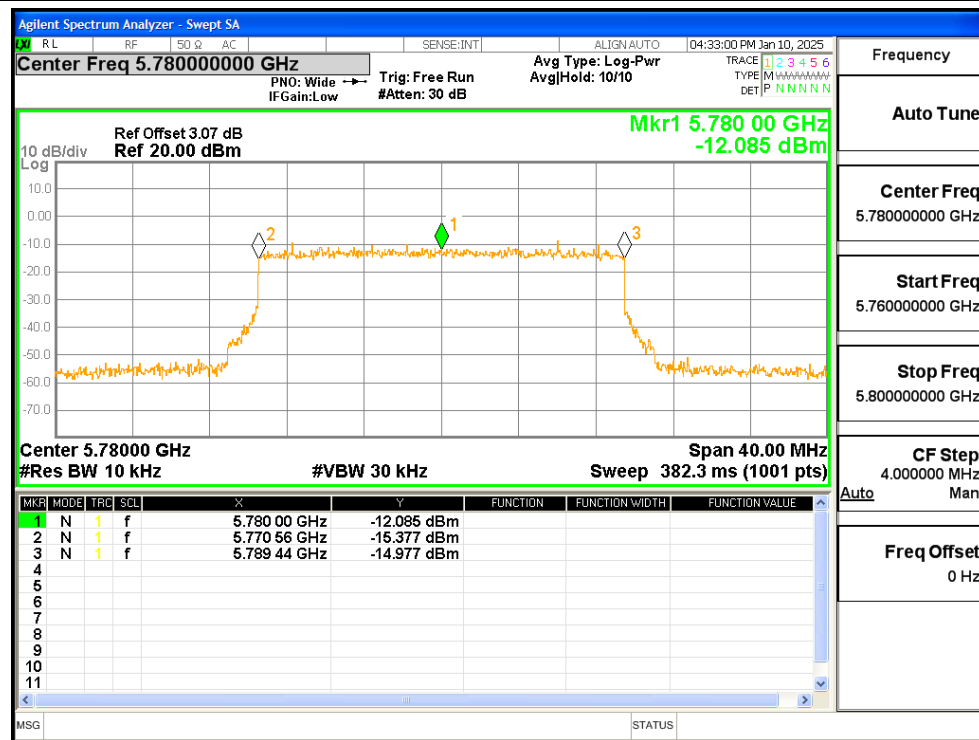
Freq. Stability - 5820MHz Ant1



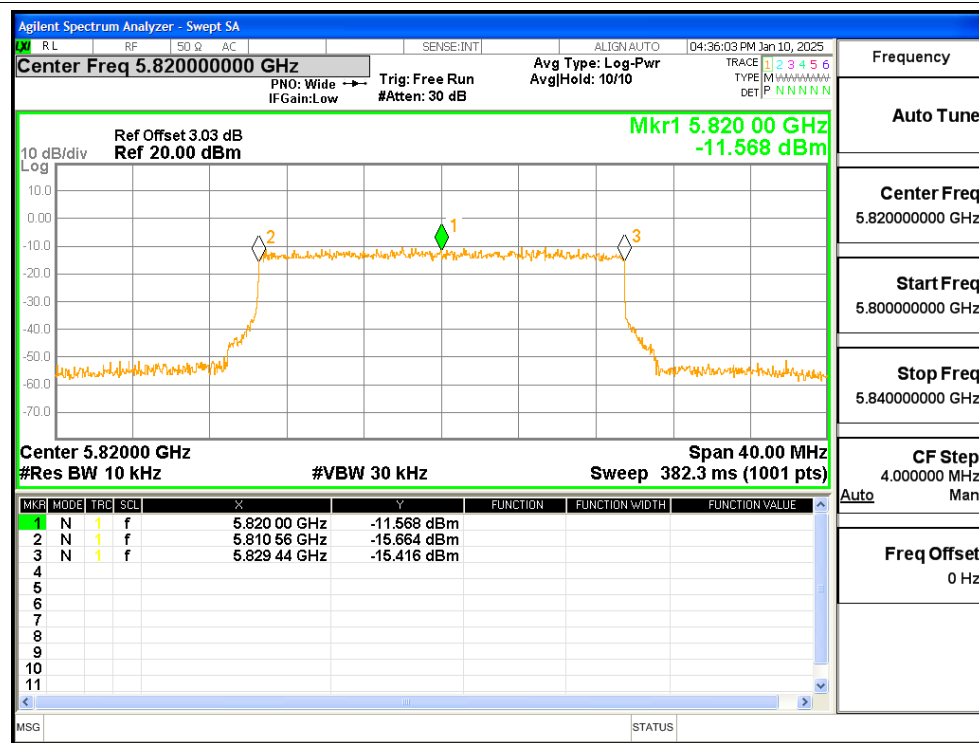
Freq. Stability - 5750MHz Ant2



Freq. Stability - 5780MHz Ant2



Freq. Stability - 5820MHz Ant2

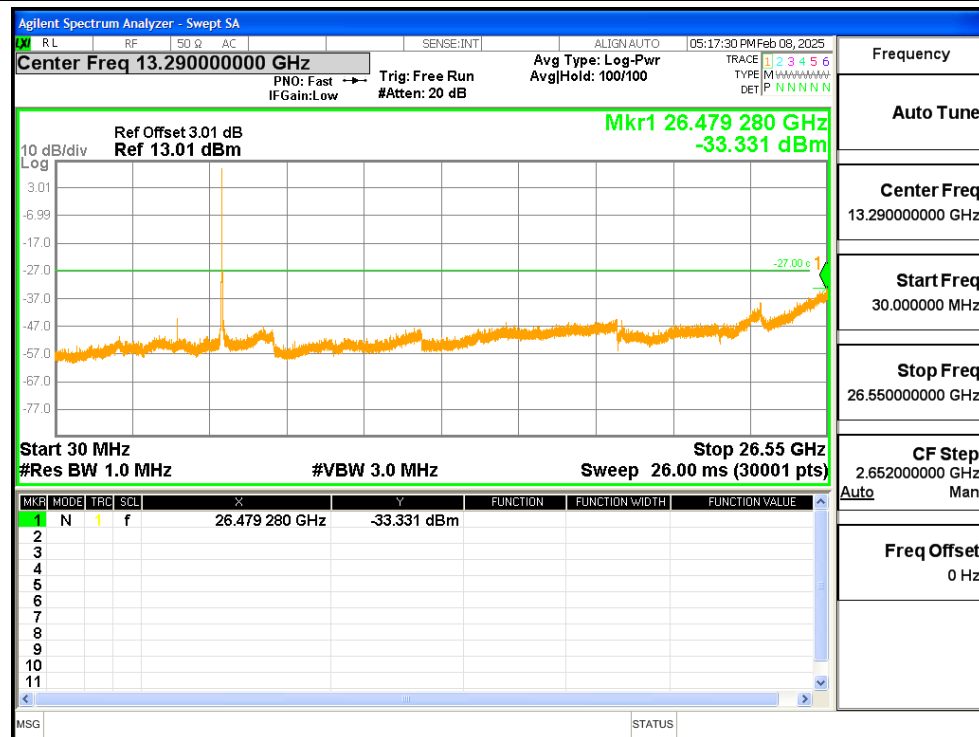


Conducted RF Spurious Emission

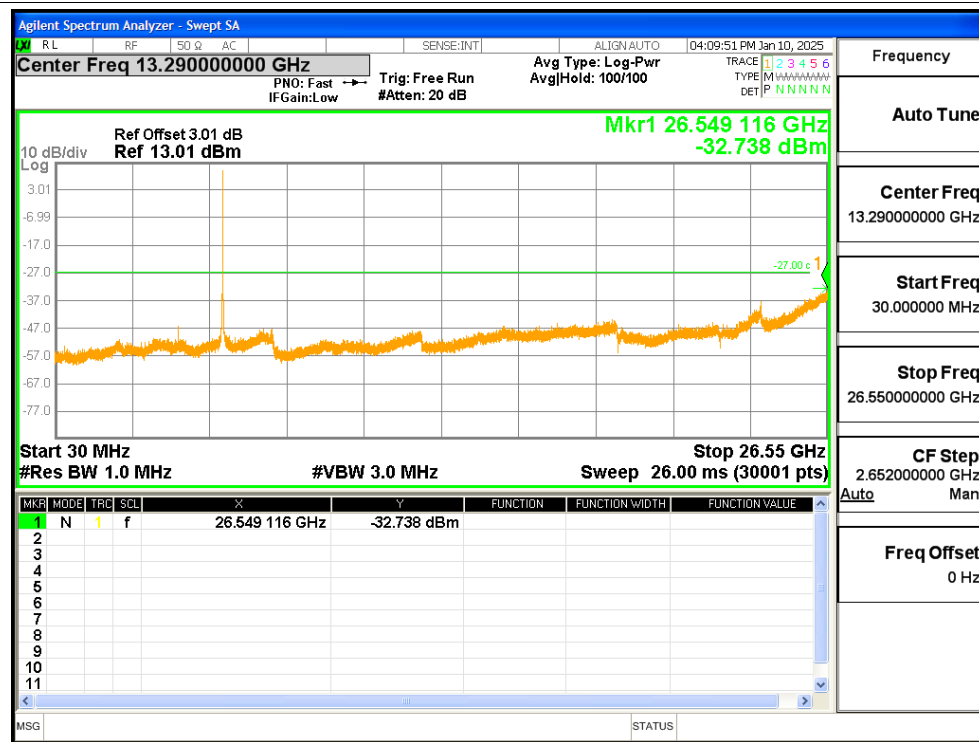
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	/	5750	Ant1	-33.33	-27	Pass
		5780		-32.73	-27	Pass
		5820		-33.39	-27	Pass
		5750	Ant2	-32.55	-27	Pass
		5780		-32.27	-27	Pass
		5820		-31.25	-27	Pass

Test Graphs

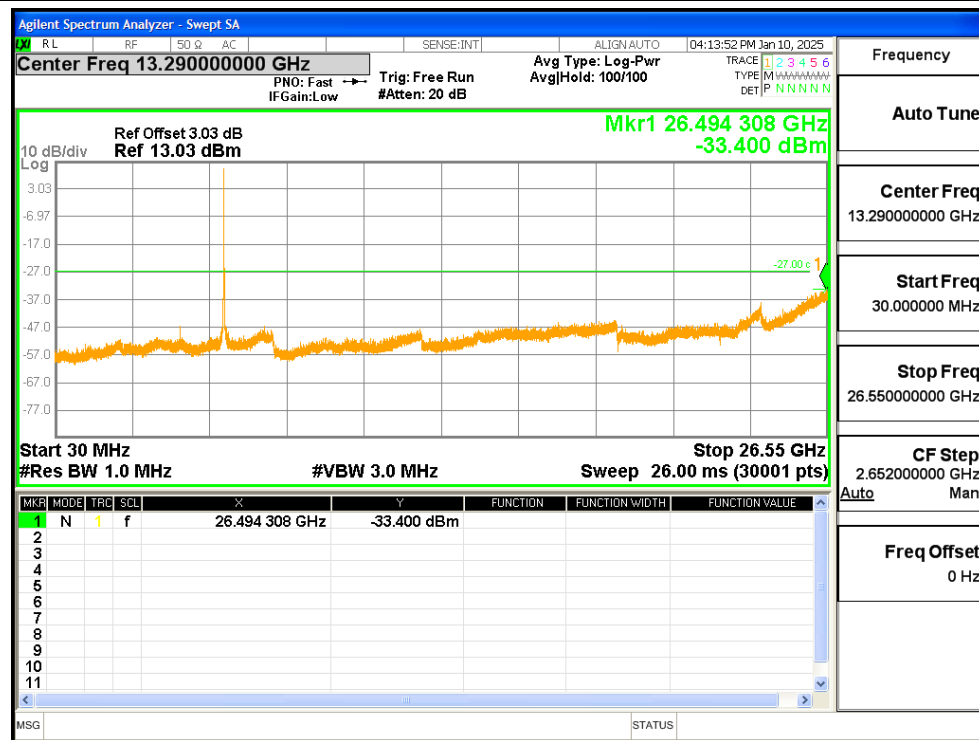
Tx. Spurious - 5750MHz Ant1 Emission



Tx. Spurious - 5780MHz Ant1 Emission



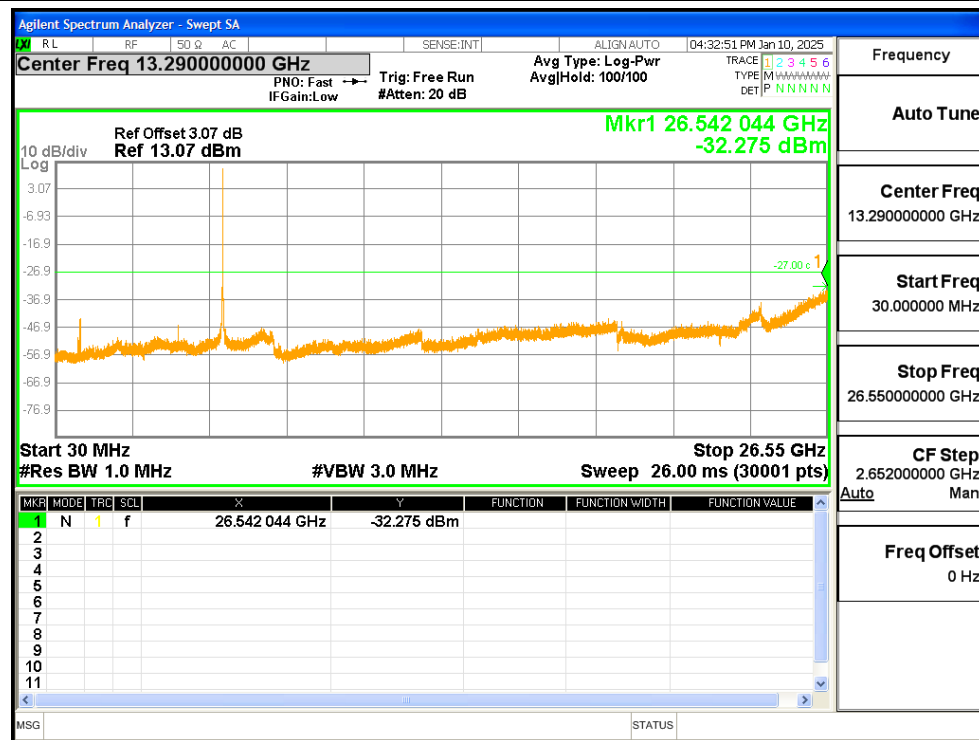
Tx. Spurious - 5820MHz Ant1 Emission



Tx. Spurious - 5750MHz Ant2 Emission



Tx. Spurious - 5780MHz Ant2 Emission



Tx. Spurious - 5820MHz Ant2 Emission

