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Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5750	Ant1	29.58	5.29	0.36
		5780		29.52	5.3	0.36
		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

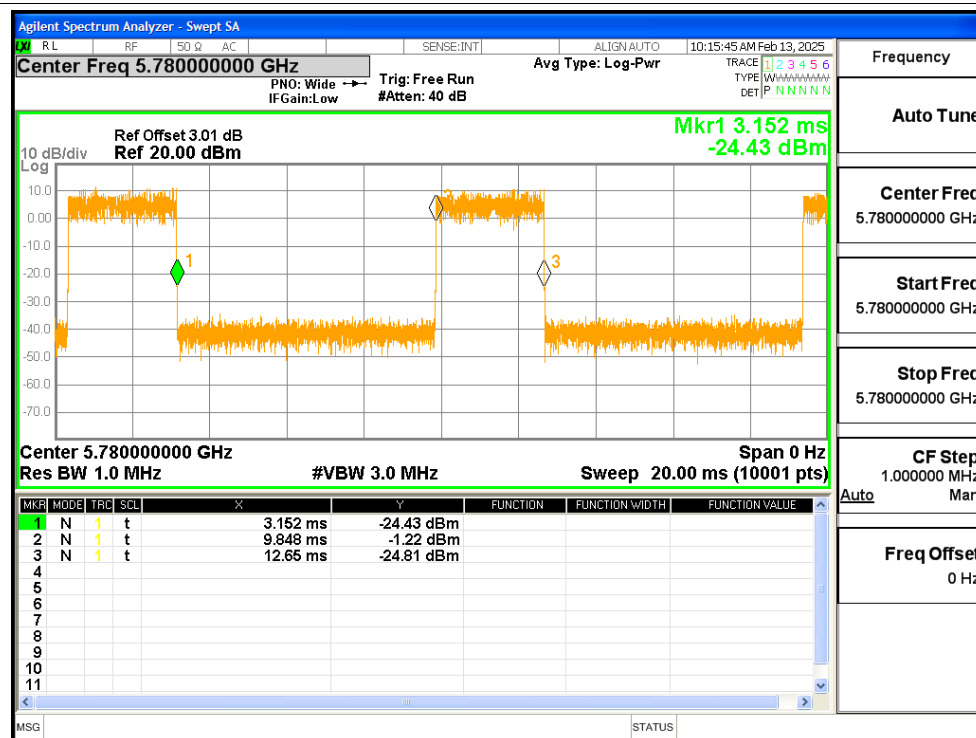
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Test Graphs

Duty Cycle NVNT a 5750MHz Ant1

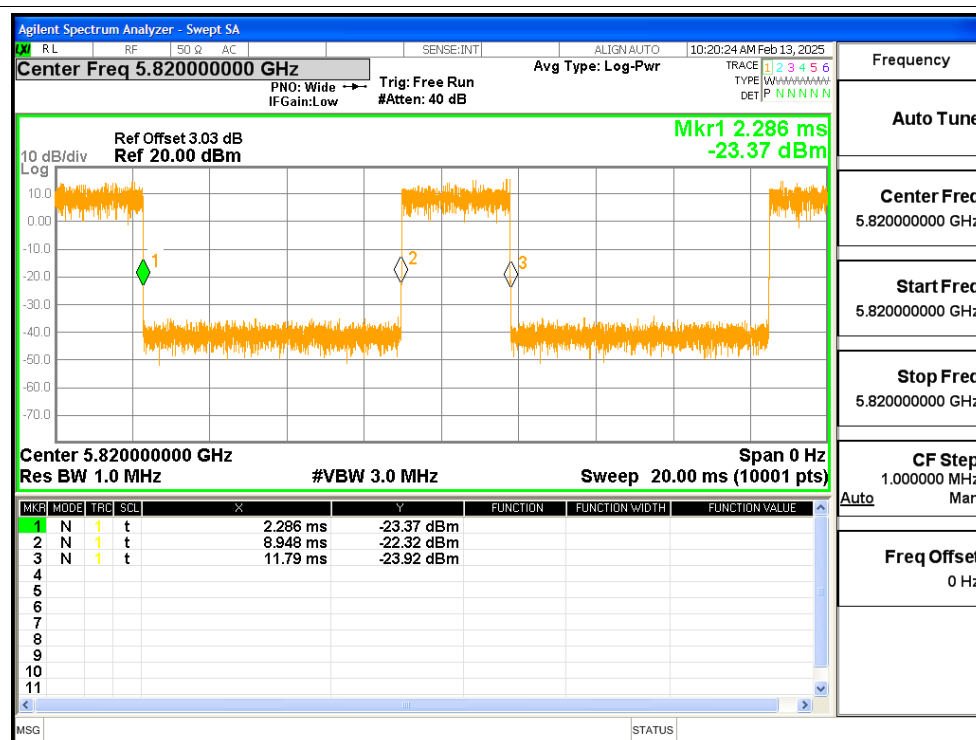


Duty Cycle NVNT a 5780MHz Ant1

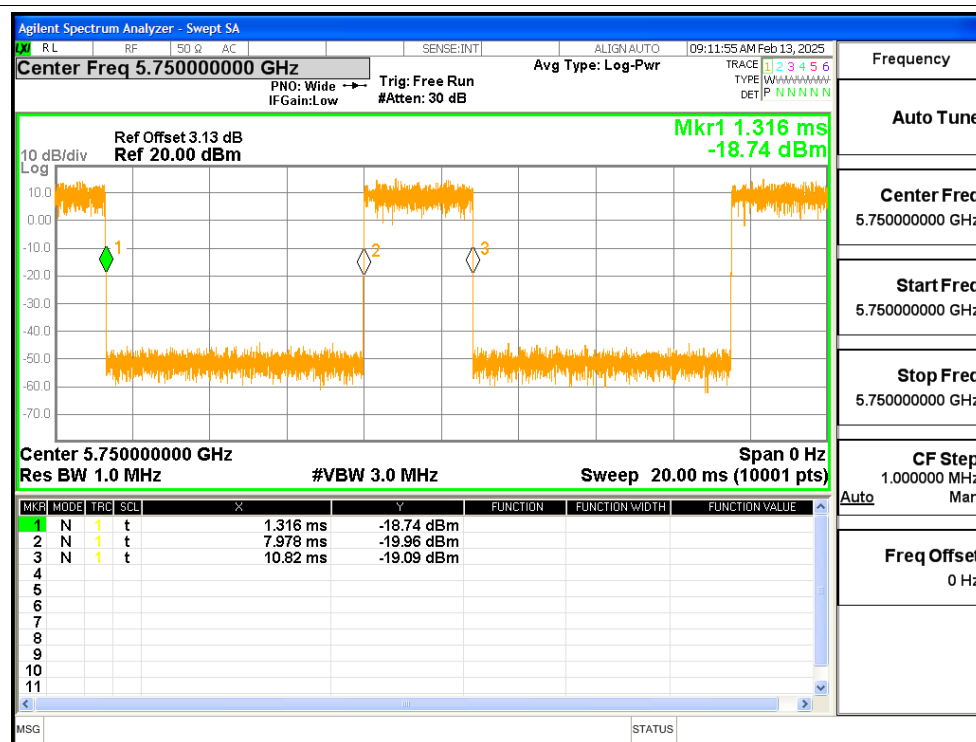


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Duty Cycle NVNT a 5820MHz Ant1

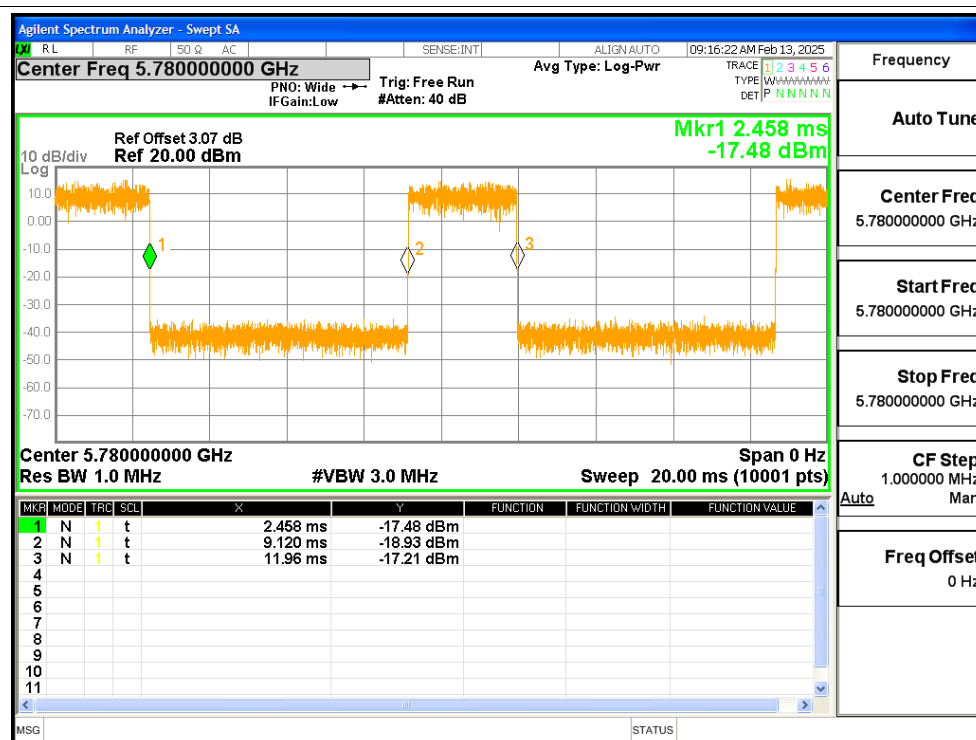


Duty Cycle NVNT a 5750MHz Ant2

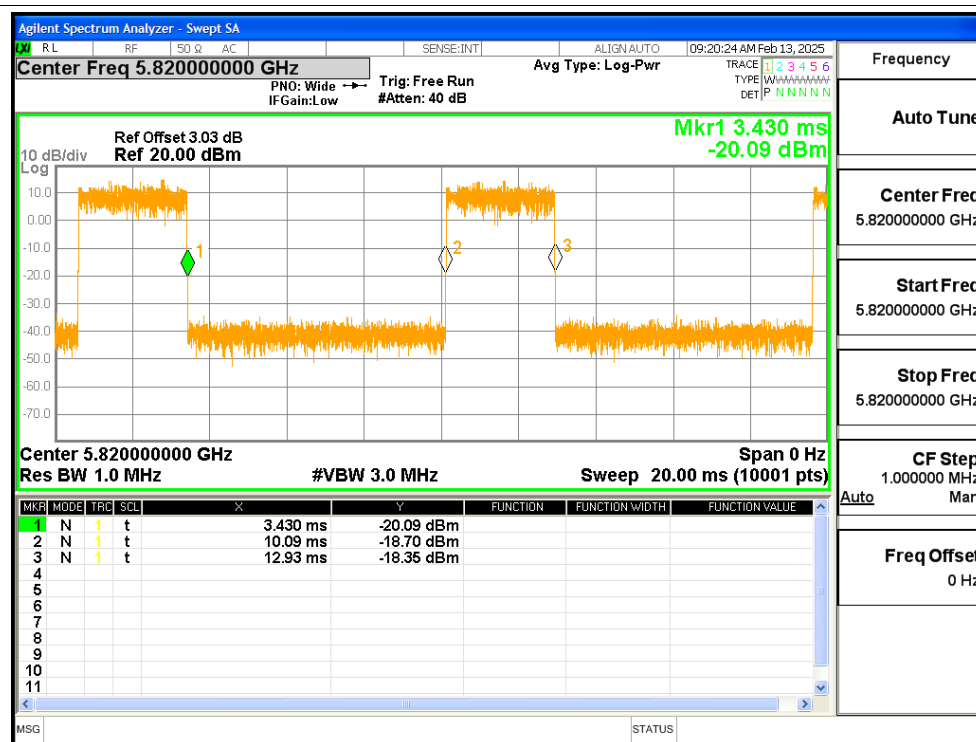


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Duty Cycle NVNT a 5780MHz Ant2



Duty Cycle NVNT a 5820MHz Ant2



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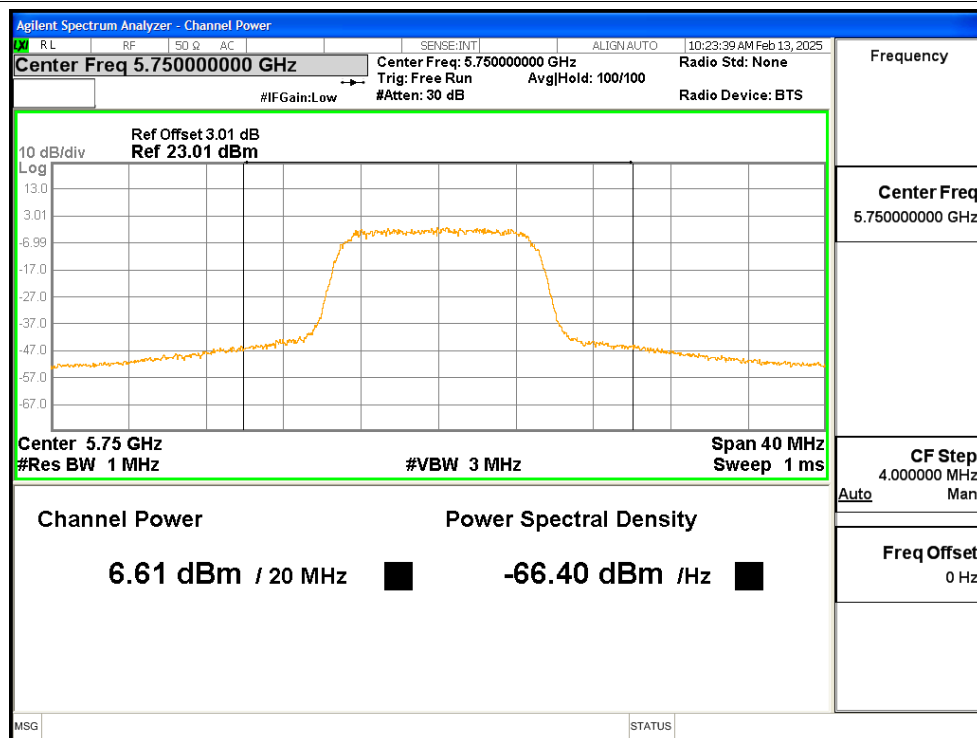
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	/	5750	Ant1	6.61	5.29	11.9	30	Pass
		5780		6.95	5.3	12.25	30	Pass
		5820		9.08	5.24	14.32	30	Pass
		5750	Ant2	9.52	5.24	14.76	30	Pass
		5780		9.94	5.46	15.4	30	Pass
		5820		8.71	5.46	14.17	30	Pass
		5750	MIMO	/	/	16.57	30	Pass
		5780	MIMO	/	/	17.11	30	Pass
		5820	MIMO	/	/	17.26	30	Pass

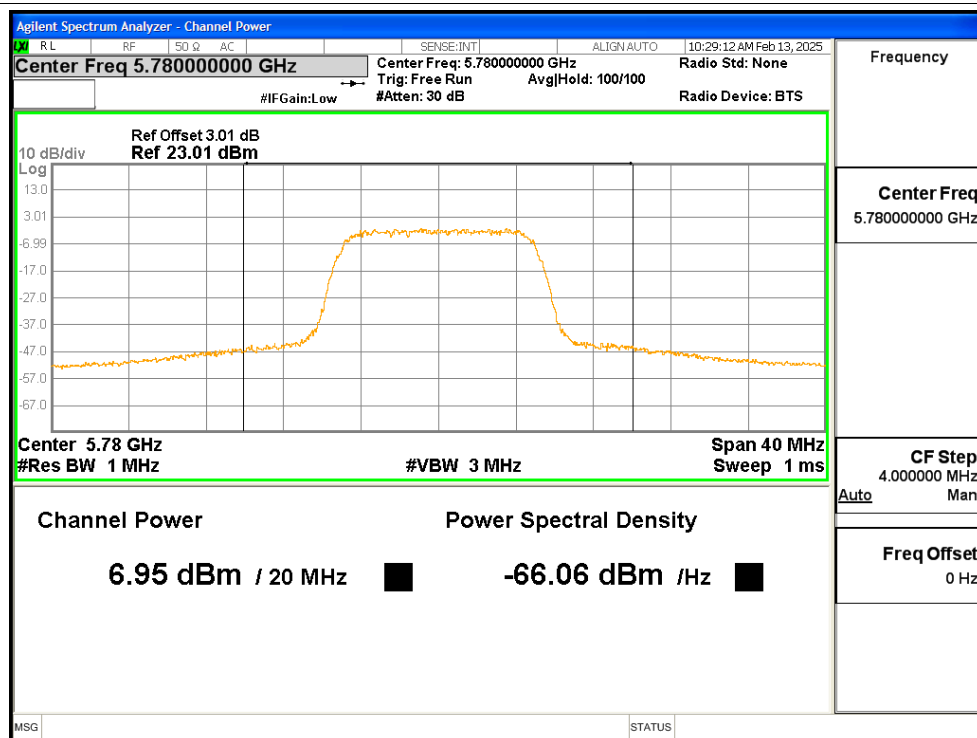
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Test Graphs

Power NVNT a 5750MHz Ant1

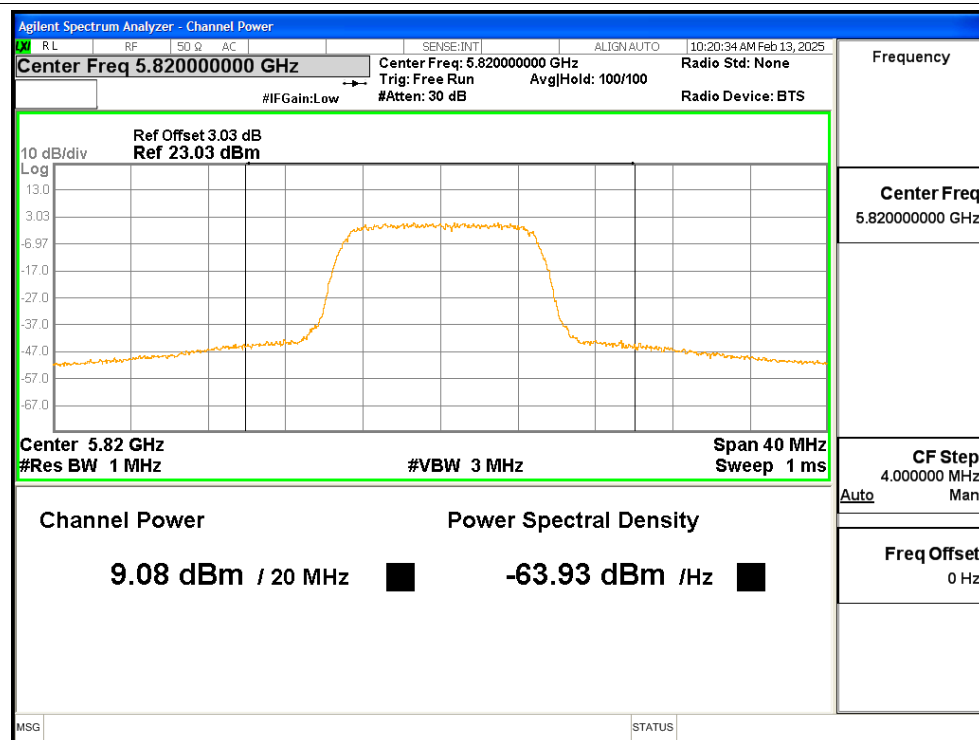


Power NVNT a 5780MHz Ant1

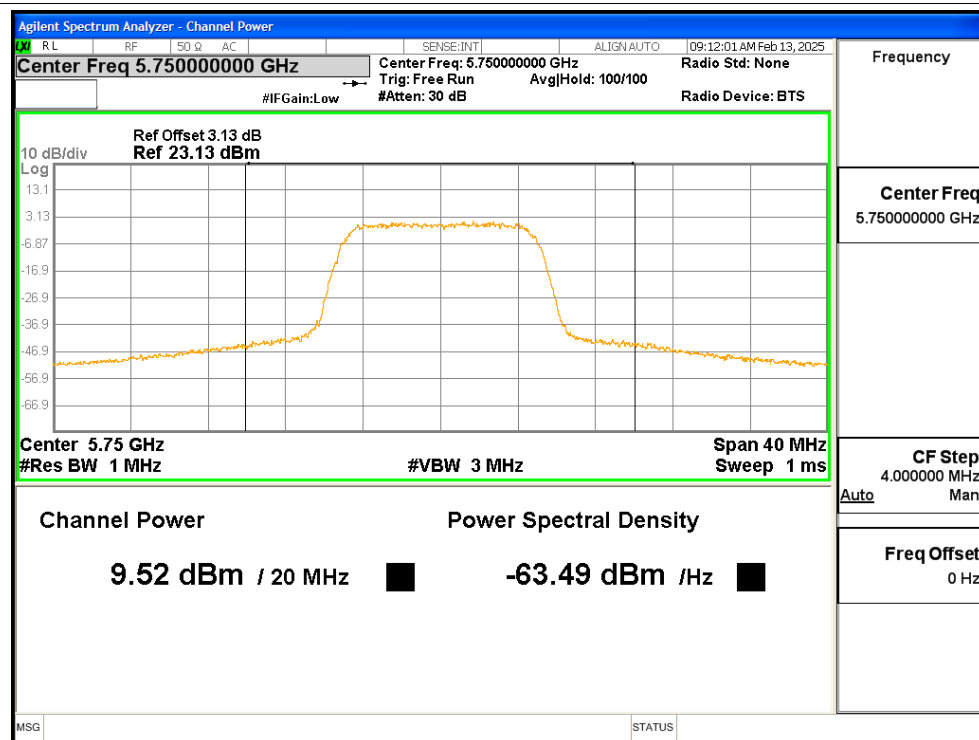


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Power NVNT a 5820MHz Ant1

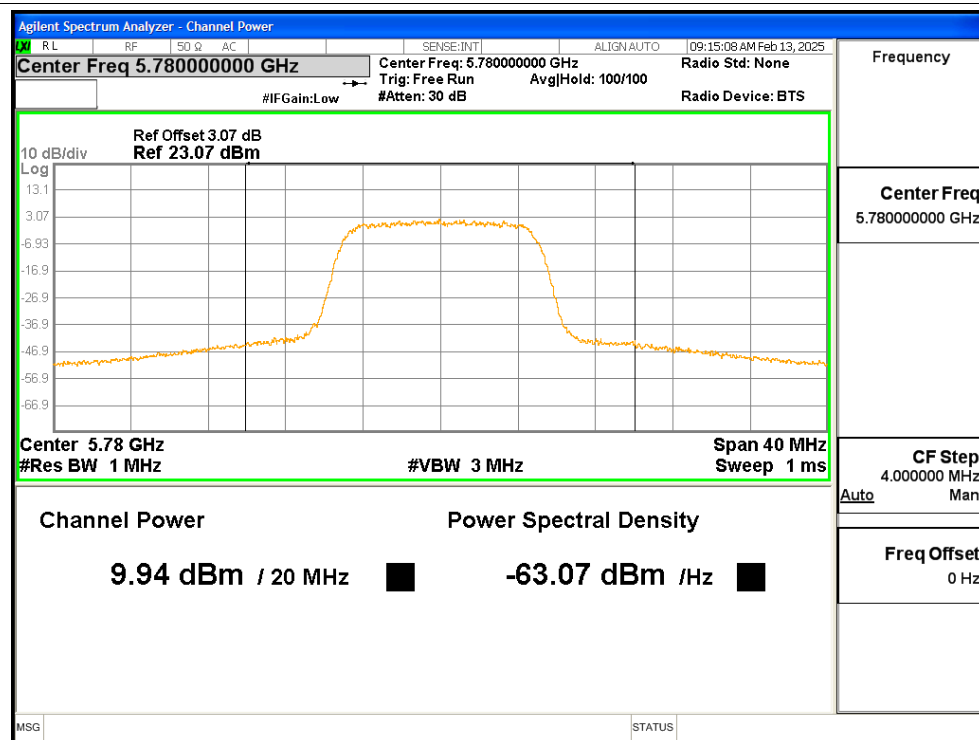


Power NVNT a 5750MHz Ant2

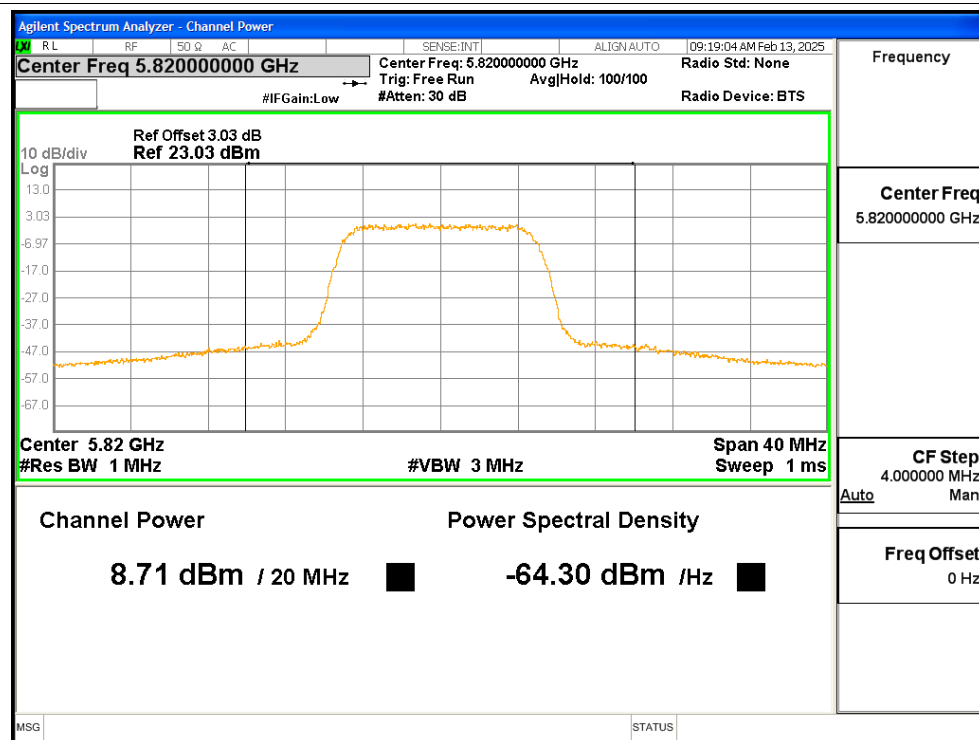


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Power NVNT a 5780MHz Ant2



Power NVNT a 5820MHz Ant2



GTSL2025020052F06

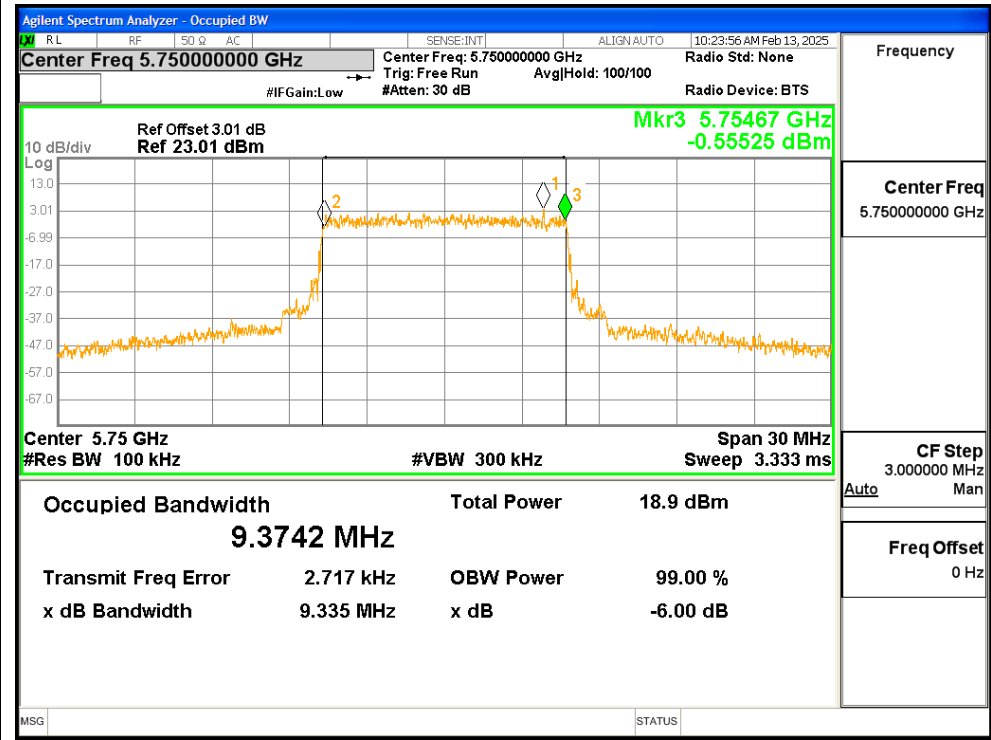
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5750	Ant1	9.335	0.5	Pass
		5780		9.412	0.5	Pass
		5820		9.338	0.5	Pass
		5750	Ant2	9.419	0.5	Pass
		5780		9.467	0.5	Pass
		5820		9.49	0.5	Pass

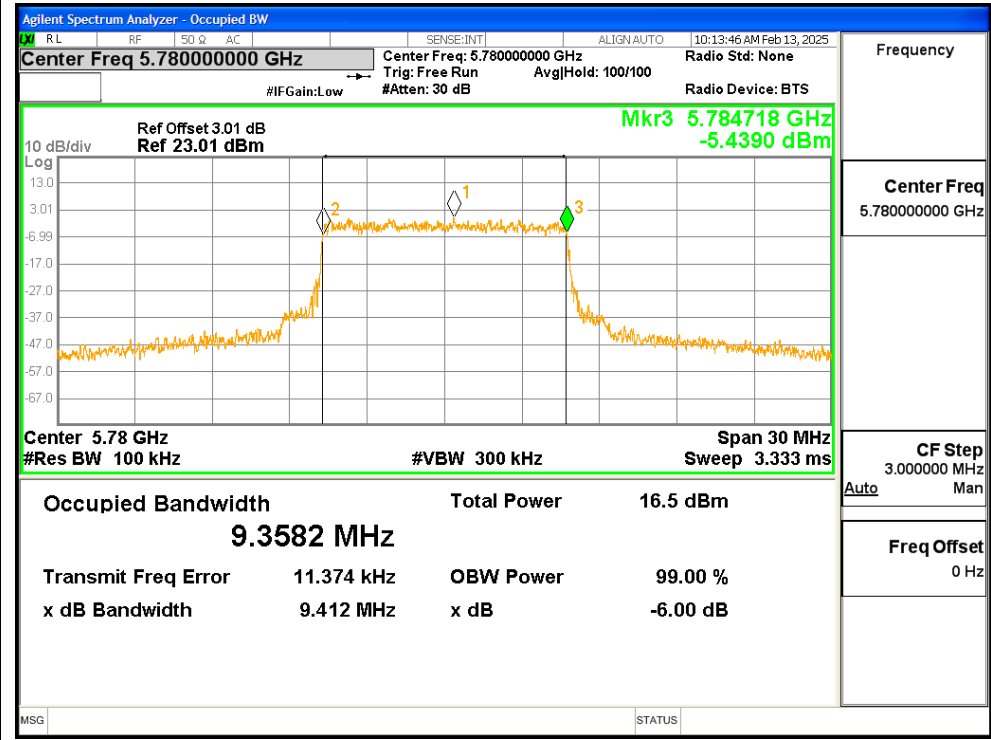
GTSL2025020052F06

Test Graphs

-6dB Bandwidth NVNT a 5750MHz Ant1

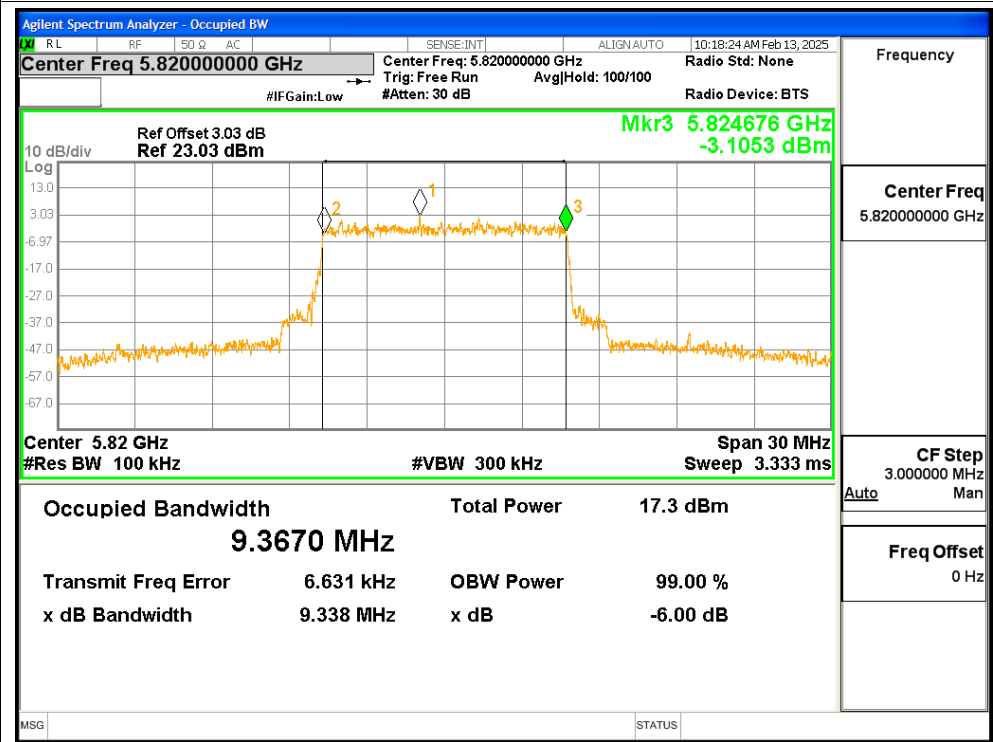


-6dB Bandwidth NVNT a 5780MHz Ant1

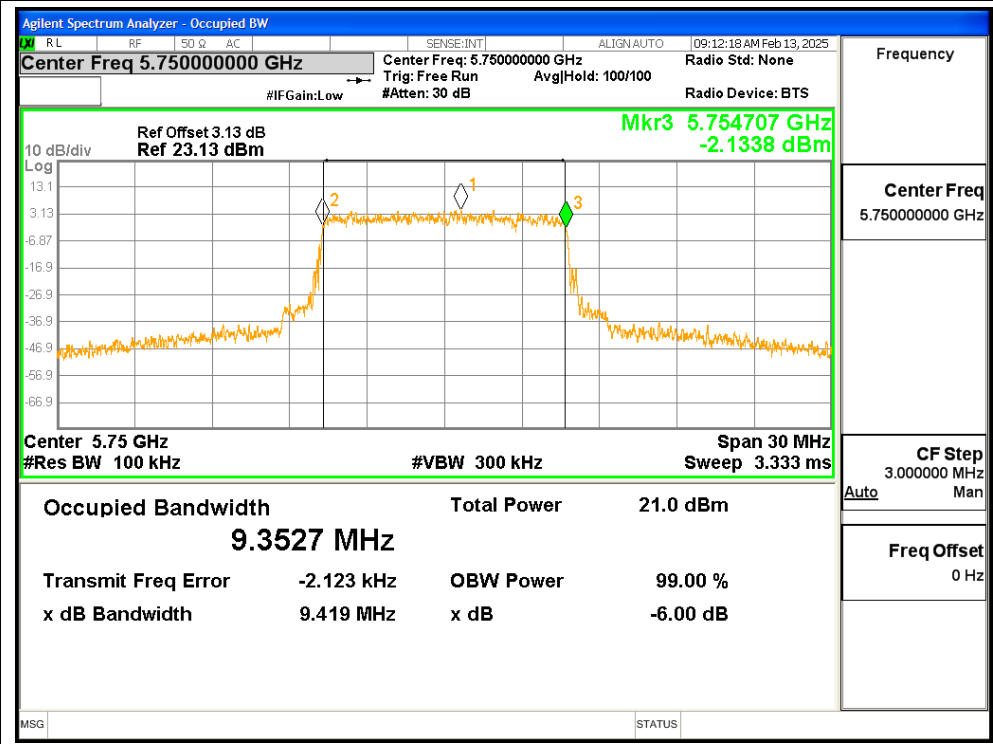


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-6dB Bandwidth NVNT a 5820MHz Ant1

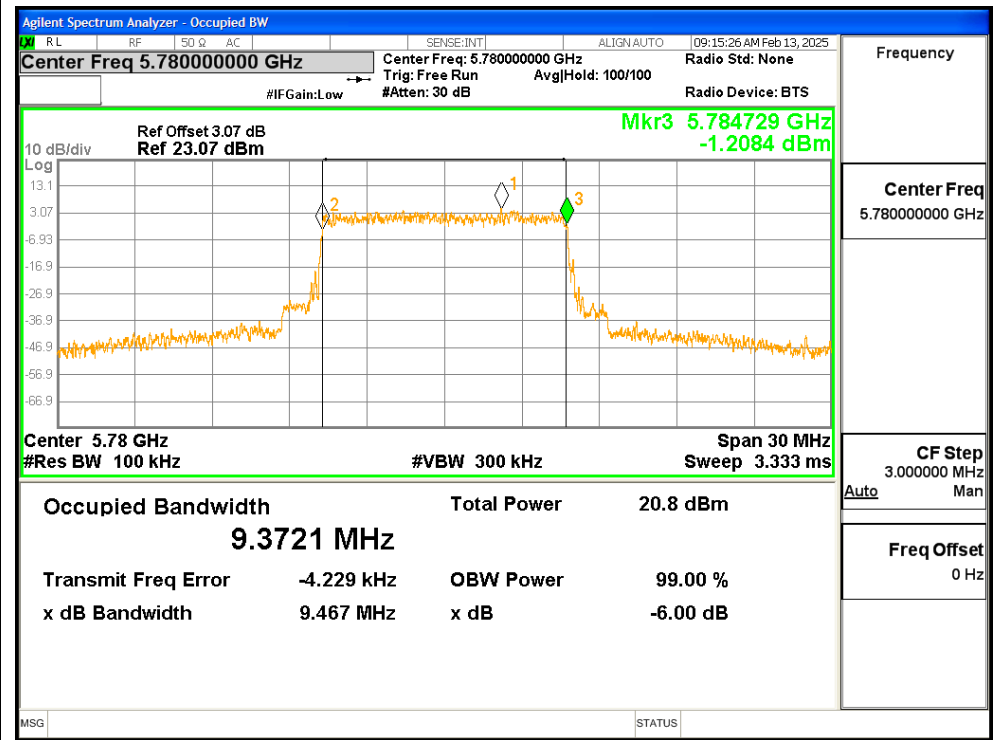


-6dB Bandwidth NVNT a 5750MHz Ant2

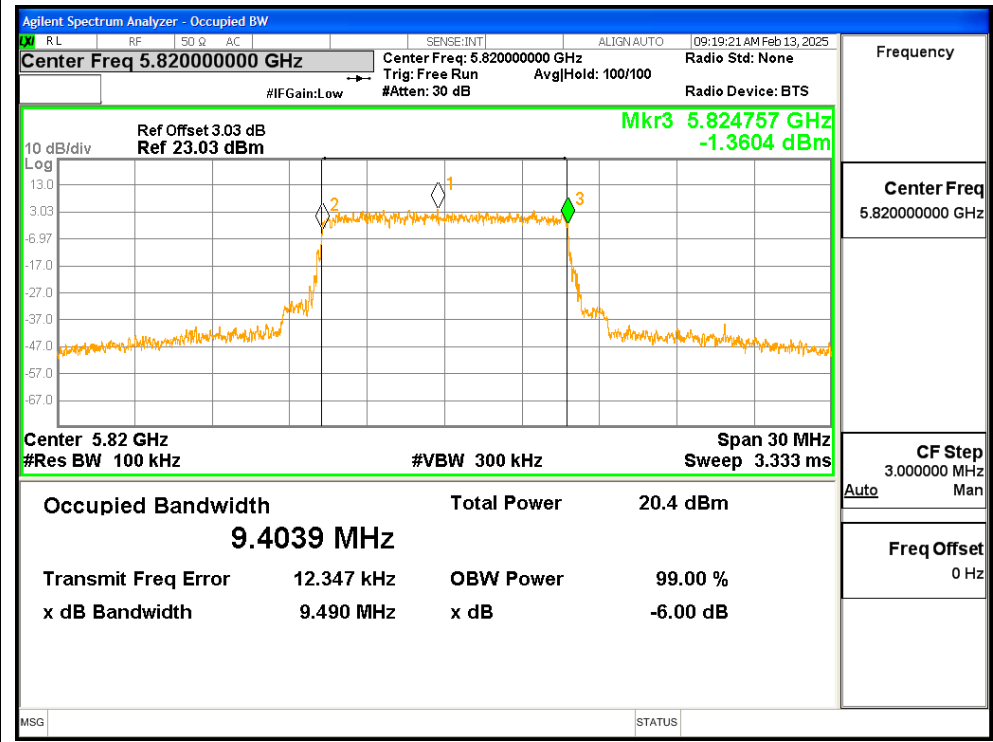


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-6dB Bandwidth NVNT a 5780MHz Ant2



-6dB Bandwidth NVNT a 5820MHz Ant2



GTSL2025020052F06

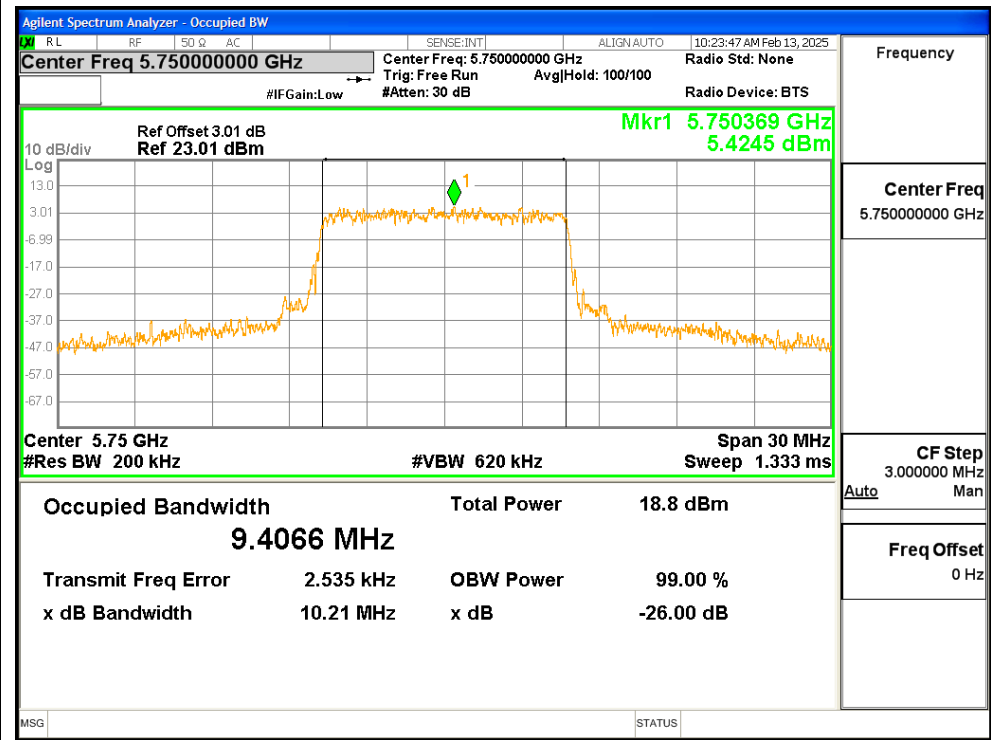
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5750	Ant1	9.407
		5780		9.373
		5820		9.404
		5750	Ant2	9.376
		5780		9.4
		5820		9.432

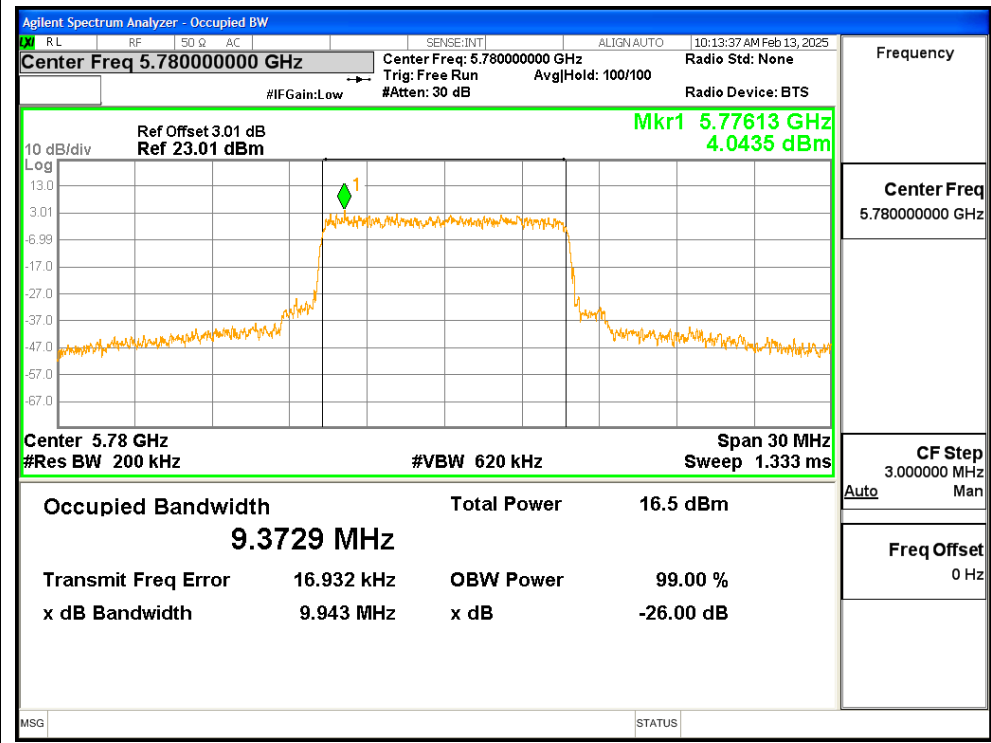
GTSL2025020052F06

Test Graphs

OBW NVNT a 5750MHz Ant1

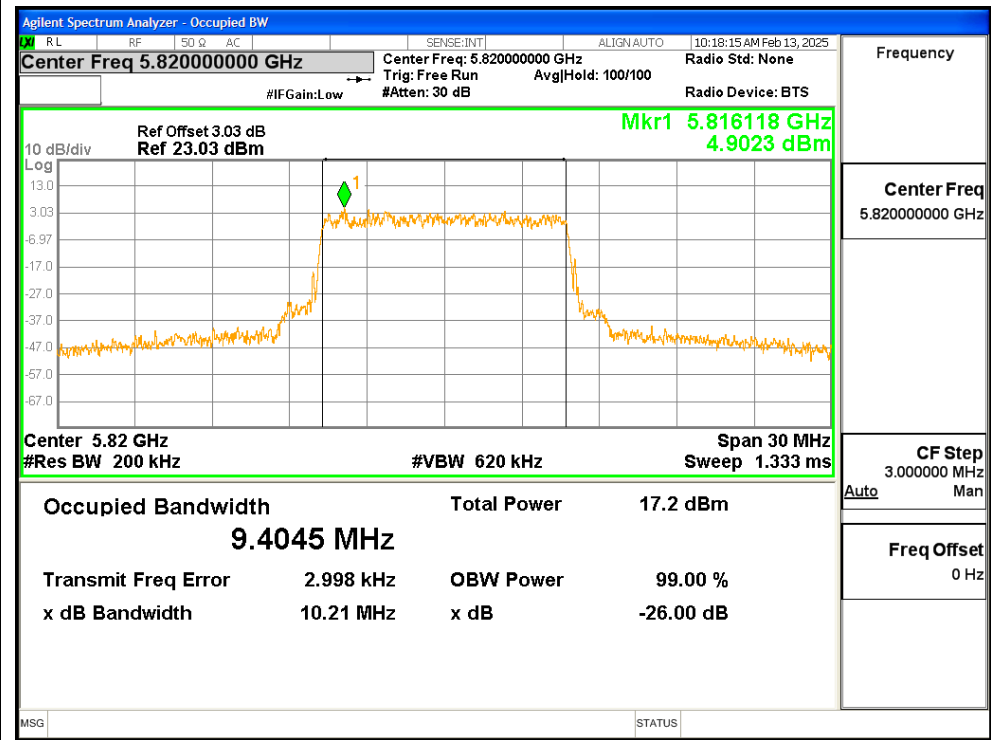


OBW NVNT a 5780MHz Ant1

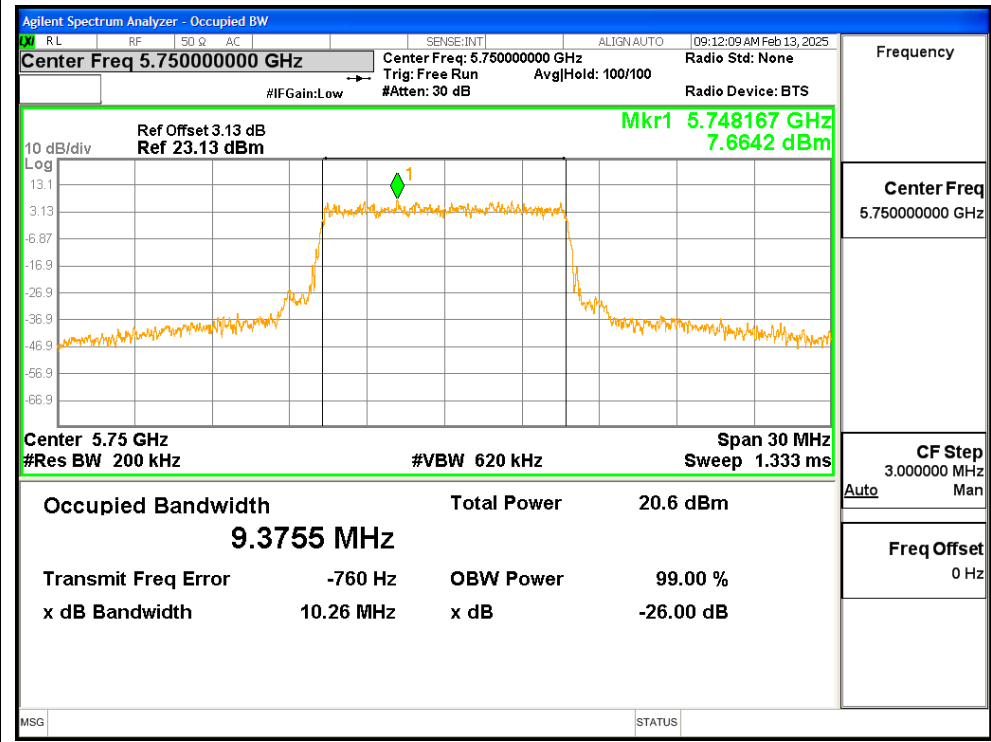


GTSL2025020052F06

OBW NVNT a 5820MHz Ant1

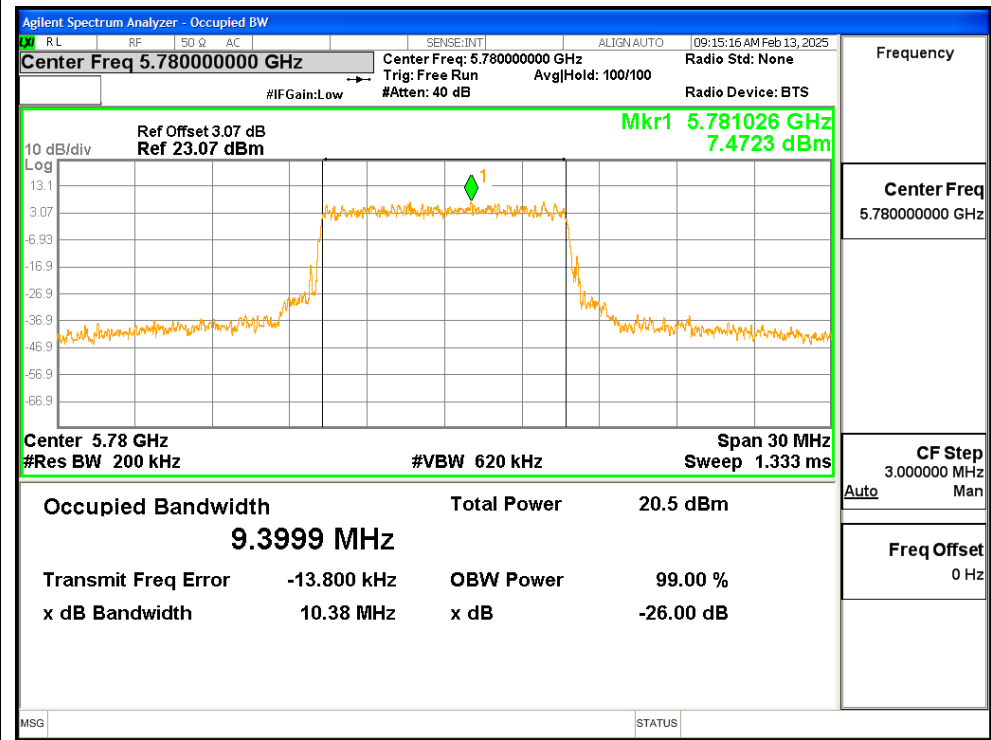


OBW NVNT a 5750MHz Ant2

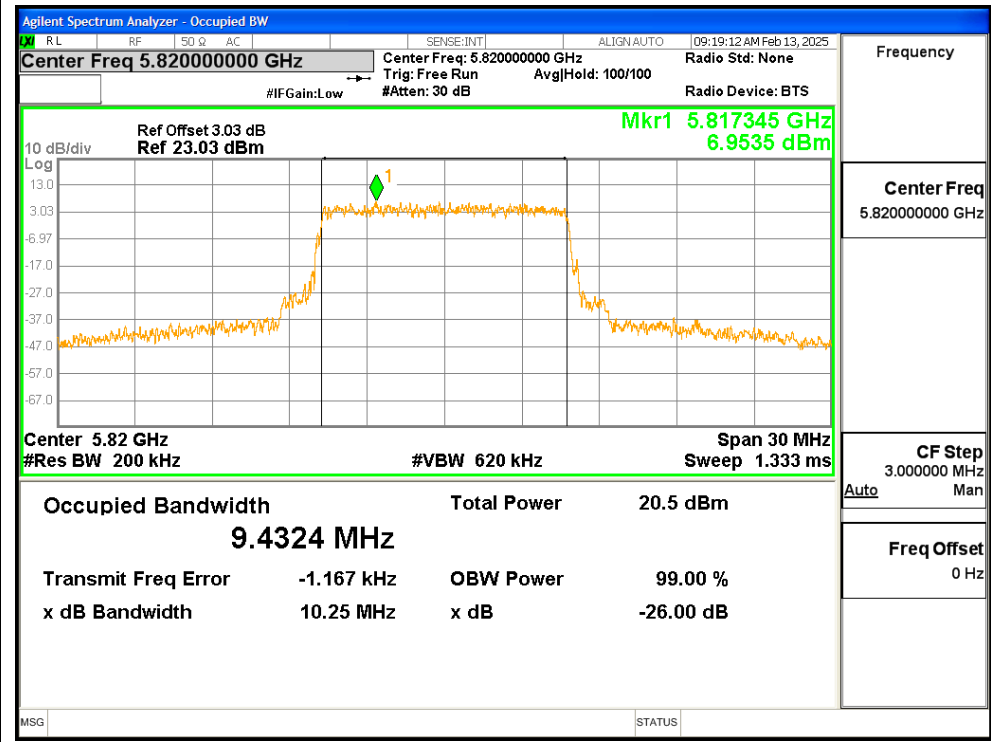


GTSL2025020052F06

OBW NVNT a 5780MHz Ant2



OBW NVNT a 5820MHz Ant2



GTSL2025020052F06

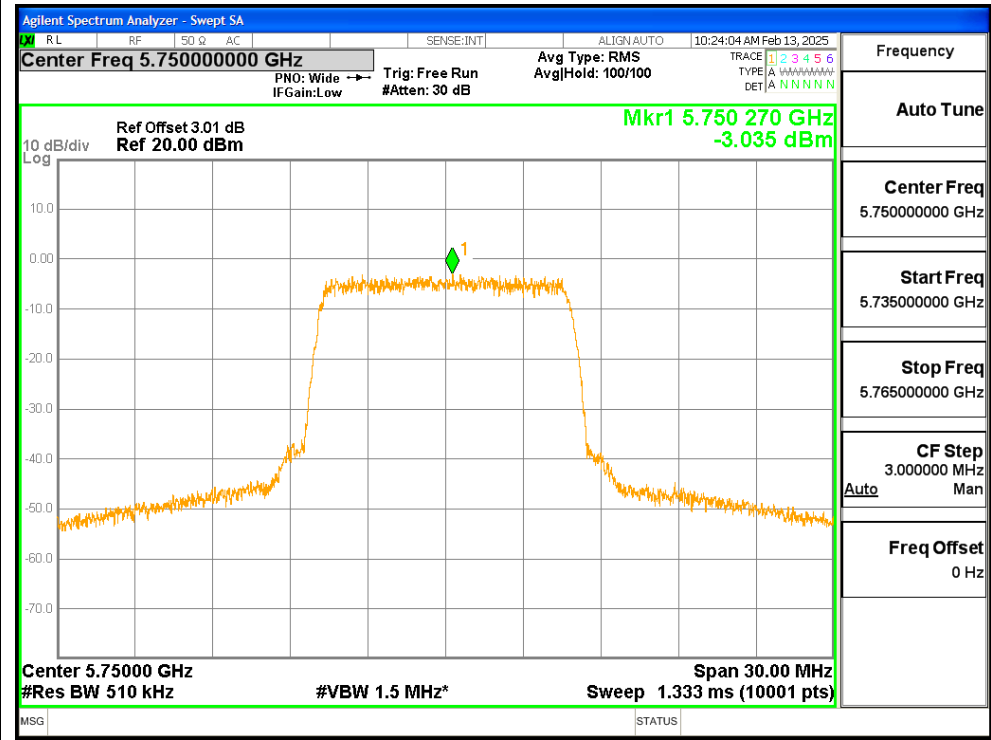
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5750	Ant1	-3.04	5.29	2.25	30	Pass
		5780		-5.03	5.30	-5.03	30	Pass
		5820		-4.38	5.24	1.64	30	Pass
		5750	Ant2	-1.17	5.24	4.07	30	Pass
		5780		-1.13	5.24	4.33	30	Pass
		5820		-1.37	5.24	4.09	30	Pass
		5750	MIMO	/	/	6.26	30	Pass
		5780	MIMO	/	/	4.81	30	Pass
		5820	MIMO	/	/	6.05	30	Pass

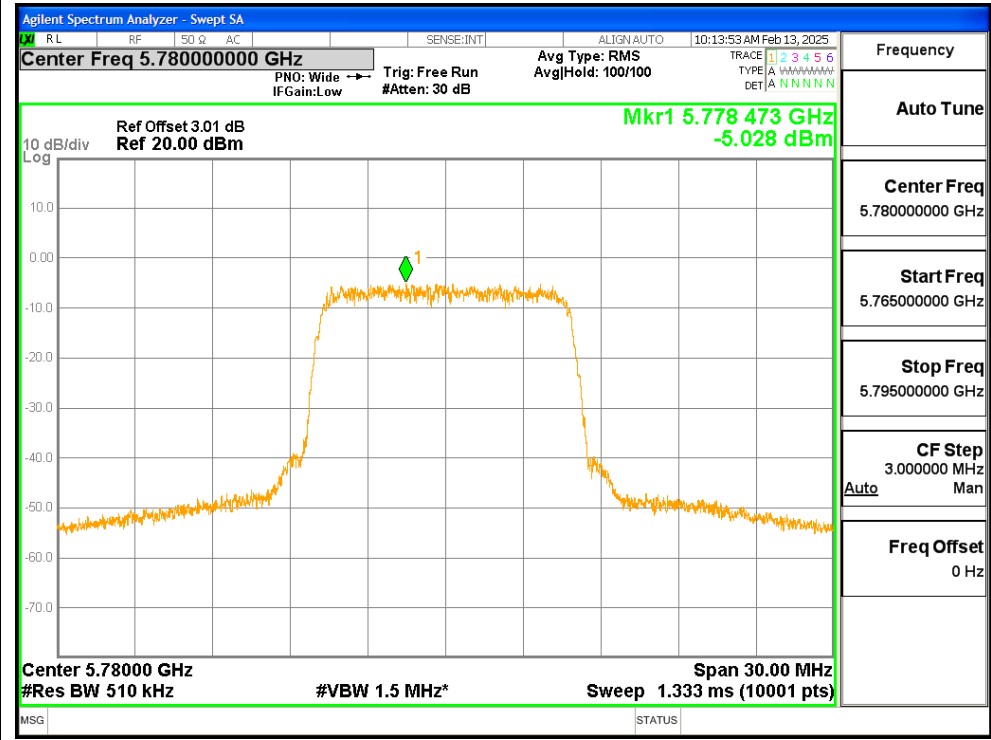
GTSL2025020052F06

Test Graphs

PSD NVNT a 5750MHz Ant1

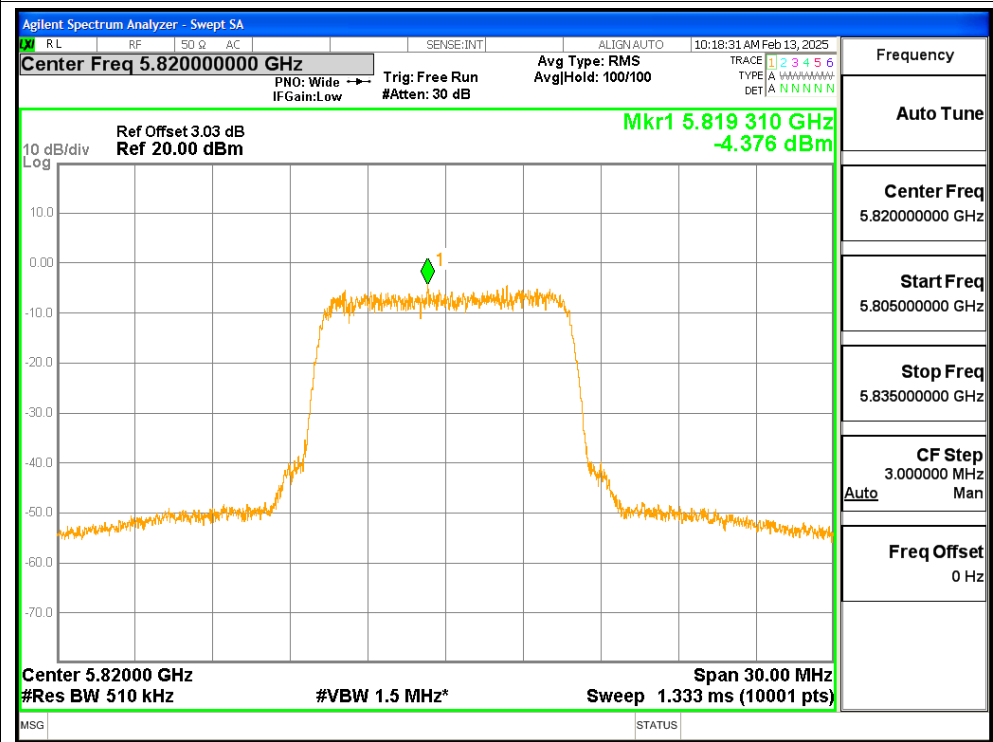


PSD NVNT a 5780MHz Ant1

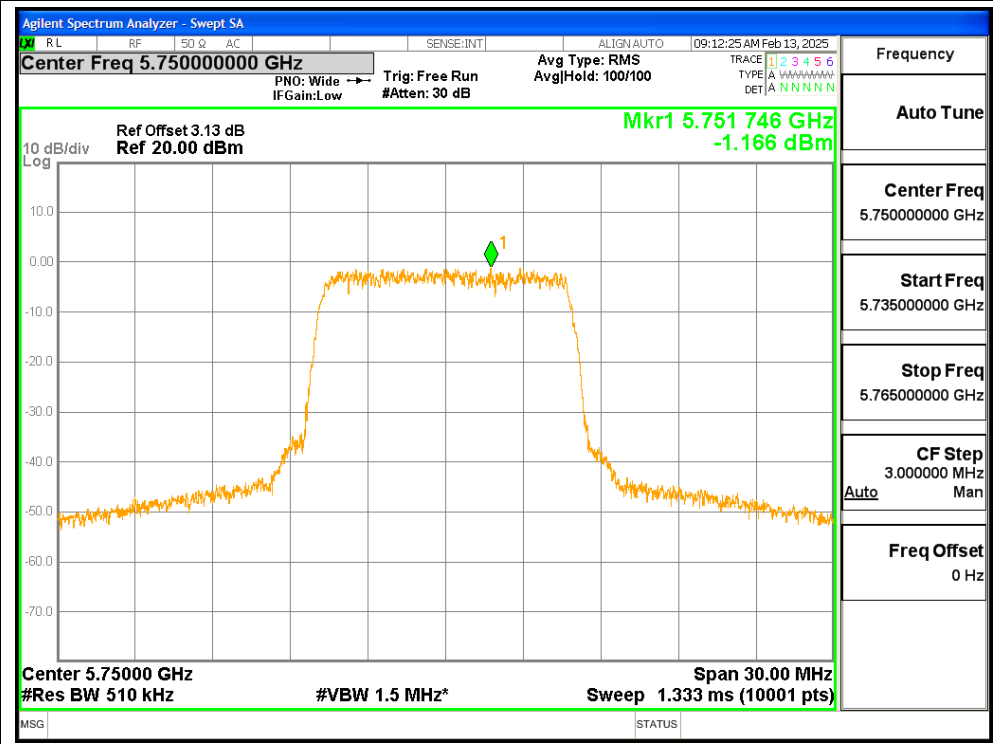


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PSD NVNT a 5820MHz Ant1

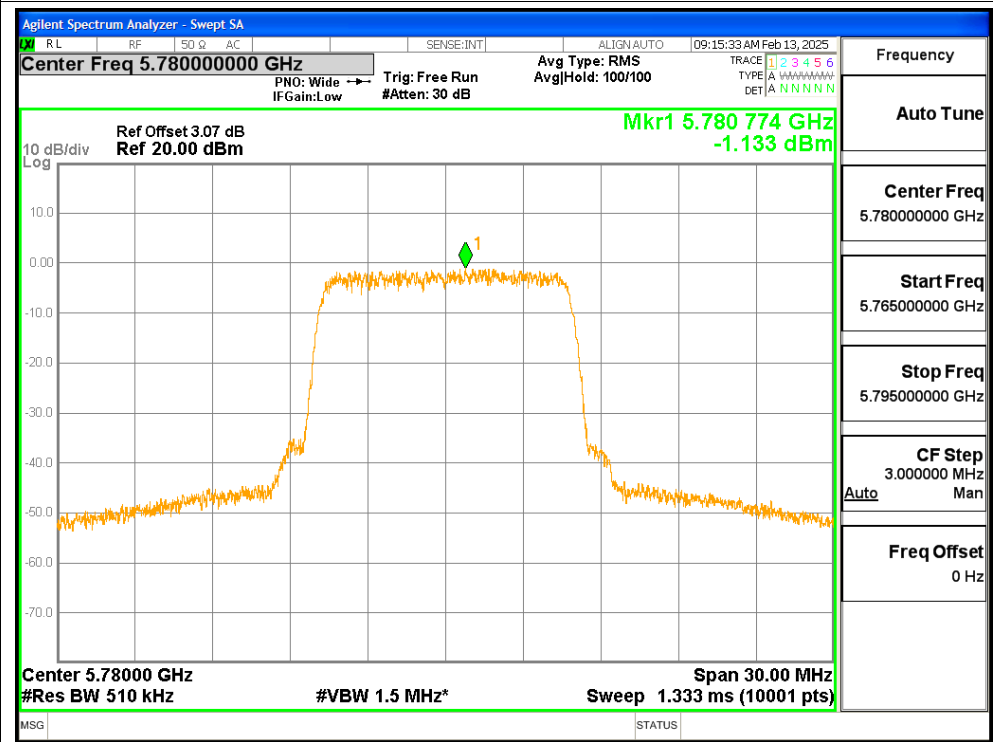


PSD NVNT a 5750MHz Ant2

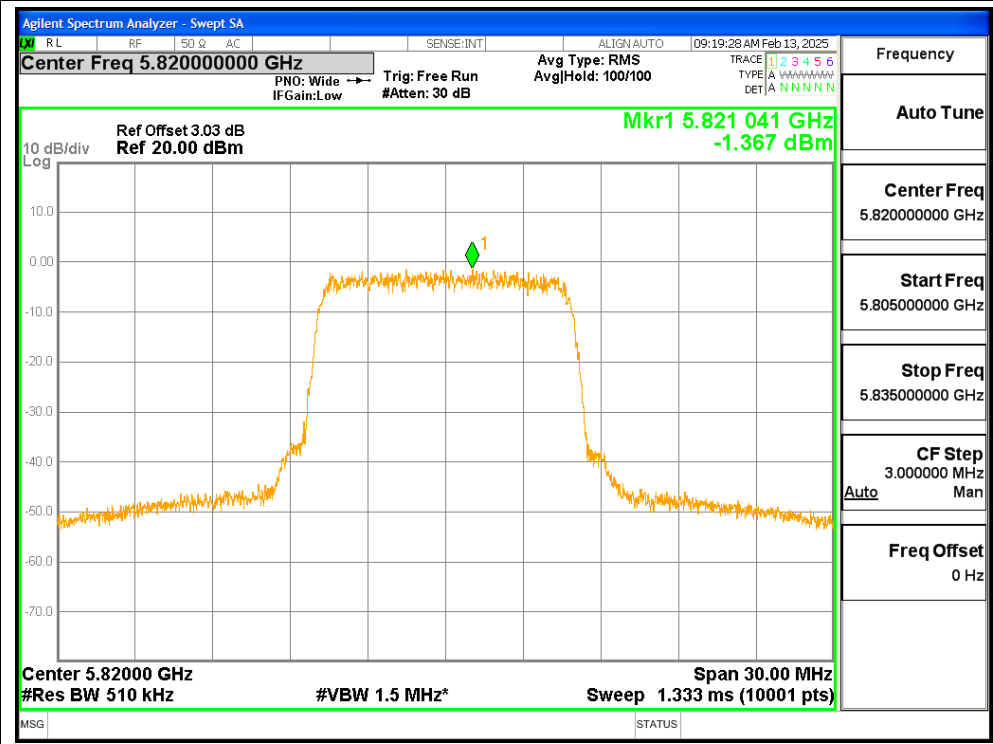


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PSD NVNT a 5780MHz Ant2



PSD NVNT a 5820MHz Ant2



GTSL2025020052F06

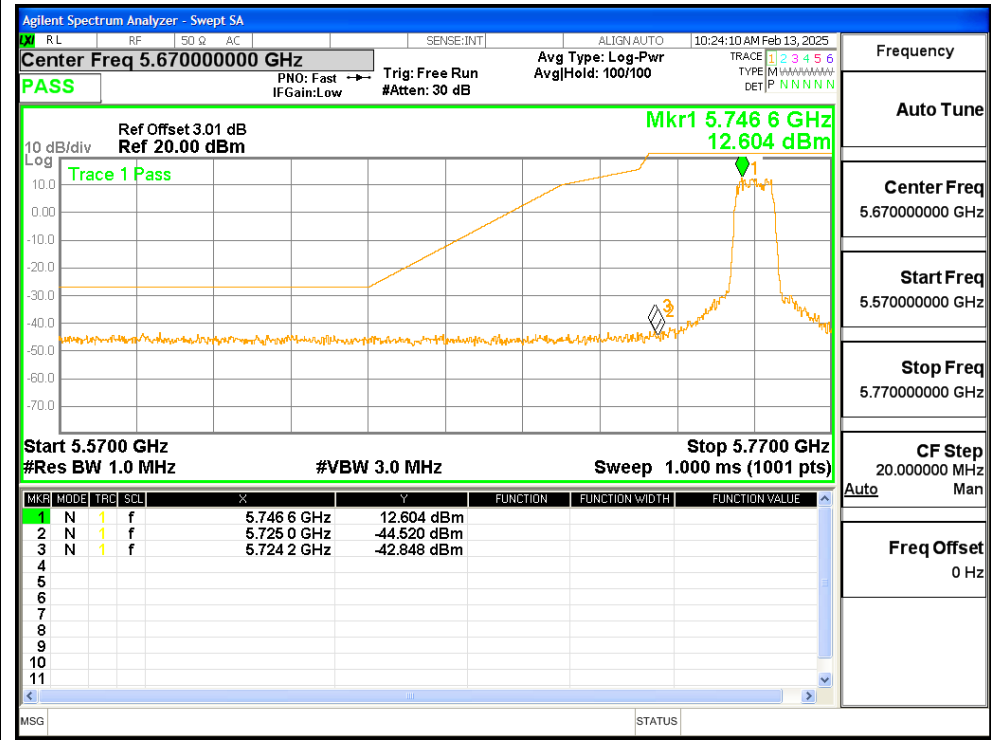
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5750	Ant1	-42.84	/	Pass
		5820		-43.01	/	Pass
		5750	Ant2	-41.25	/	Pass
		5820		-42.3	/	Pass

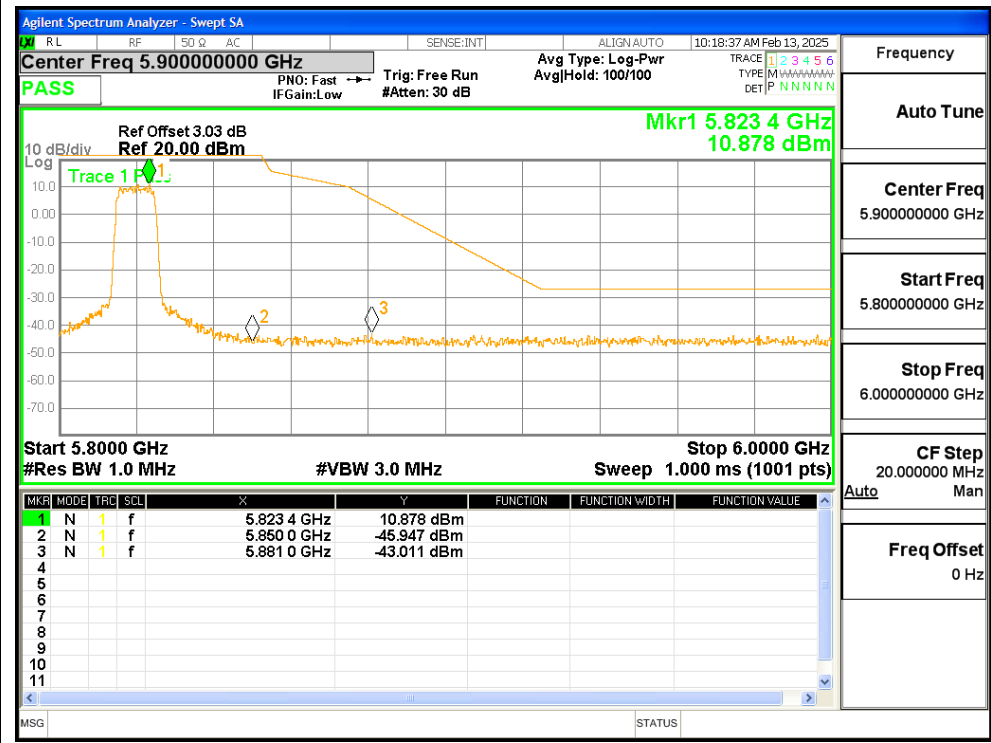
GTSL2025020052F06

Test Graphs

Band Edge NVNT a 5750MHz Low Ant1

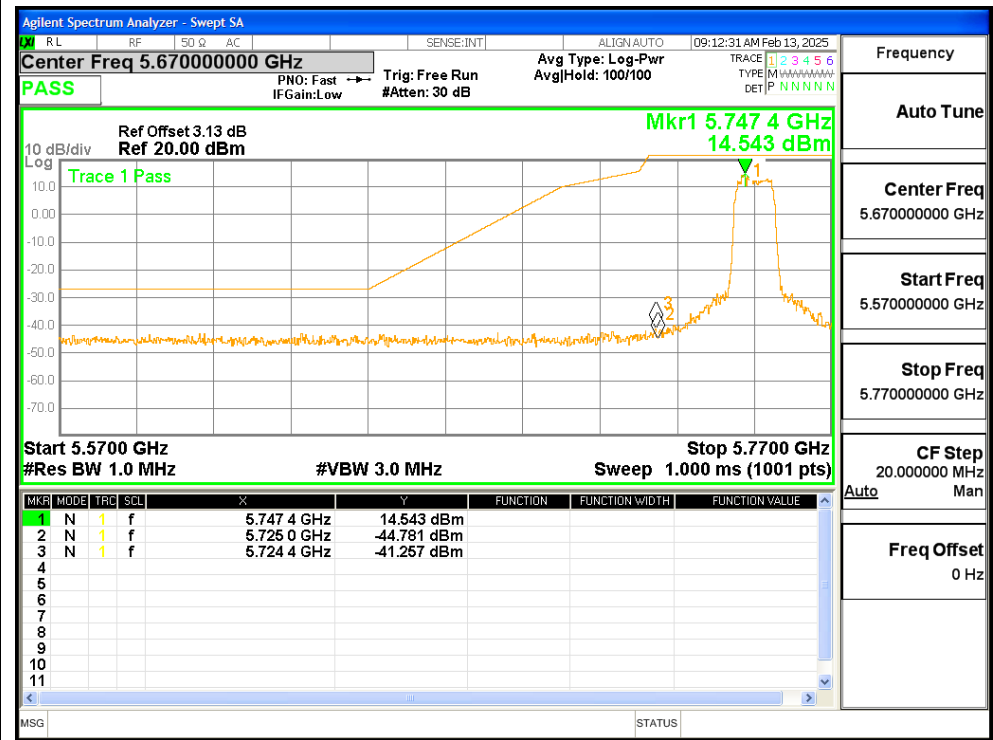


Band Edge NVNT a 5820MHz High Ant1

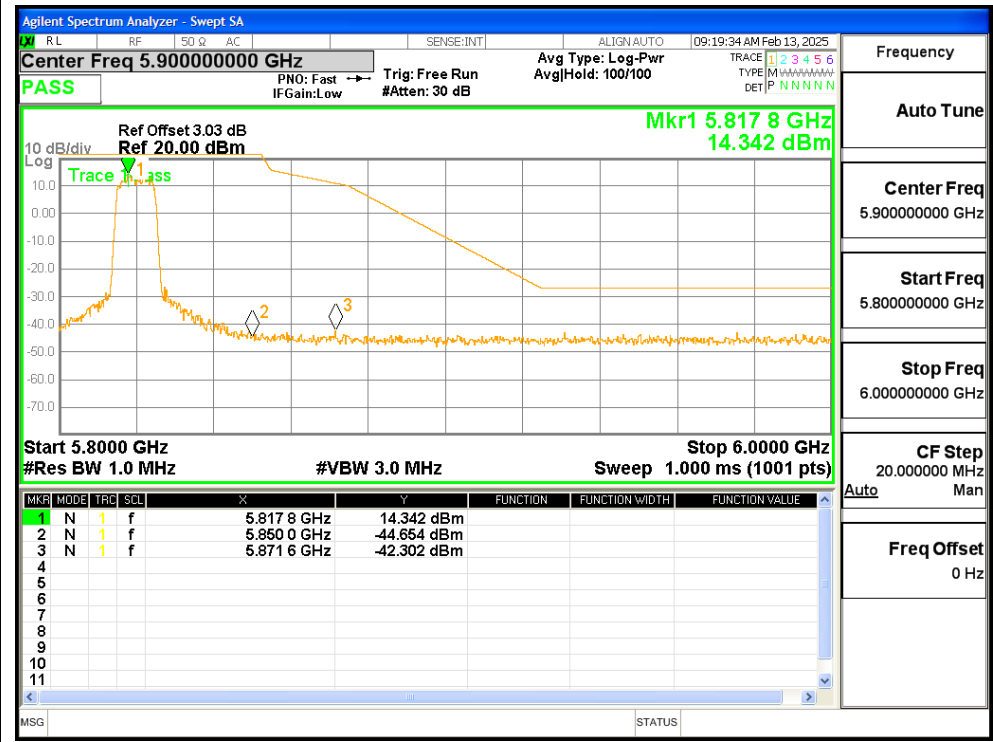


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Band Edge NVNT a 5750MHz Low Ant2



Band Edge NVNT a 5820MHz High Ant2



GTSL2025020052F06

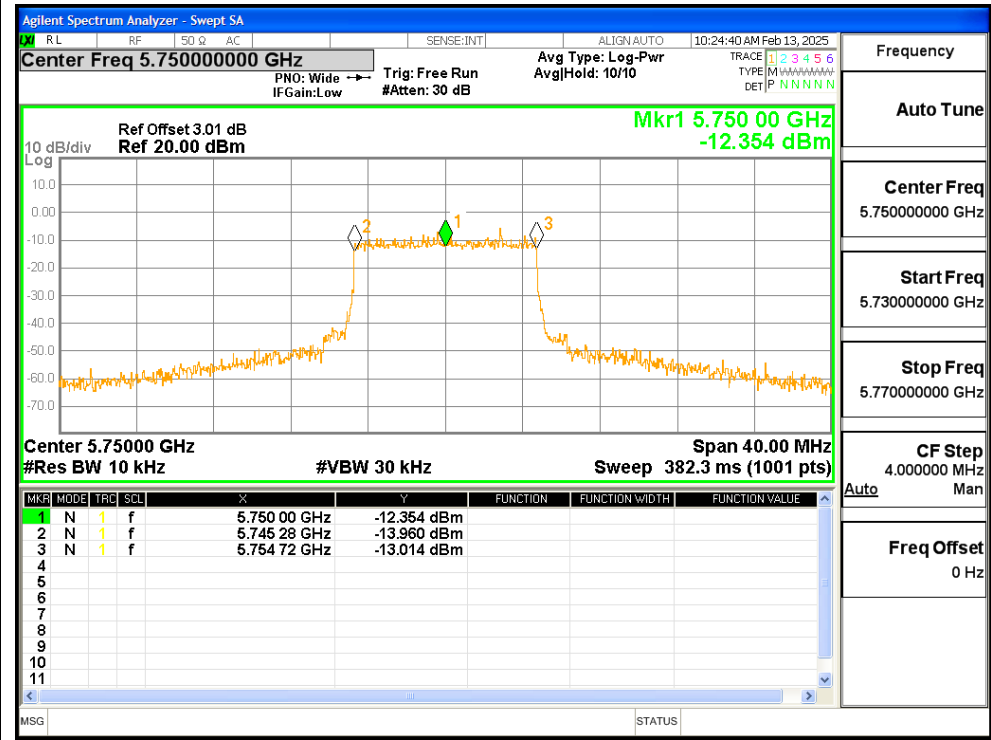
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	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

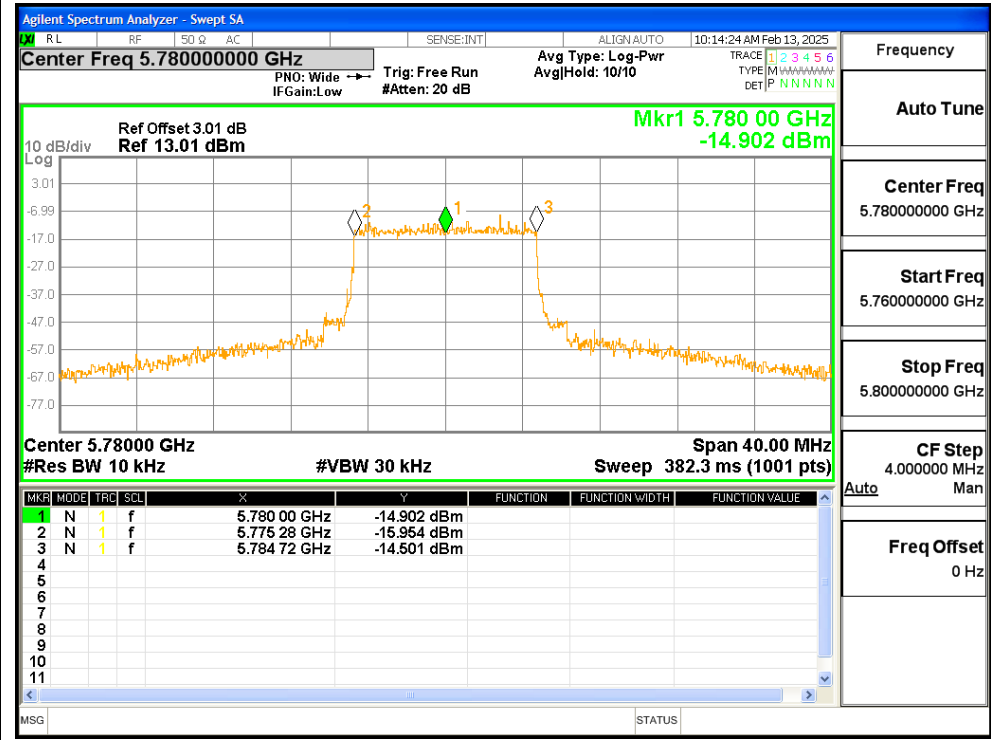
GTSL2025020052F06

Test Graphs

Freq. Stability NVNT a 5750MHz Ant1

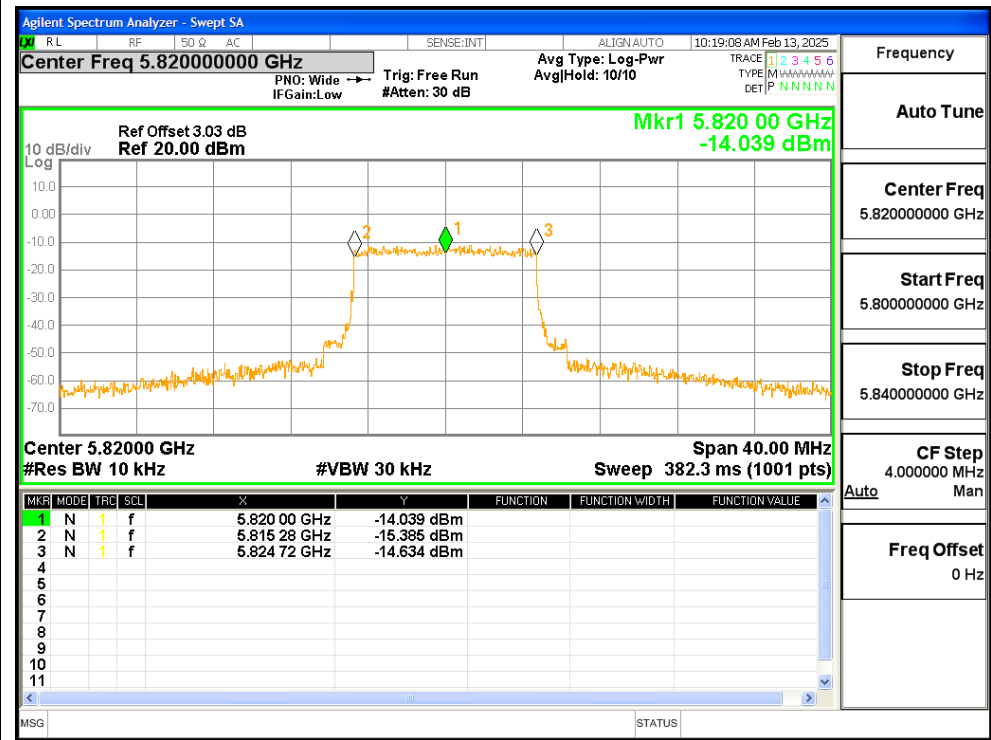


Freq. Stability NVNT a 5780MHz Ant1

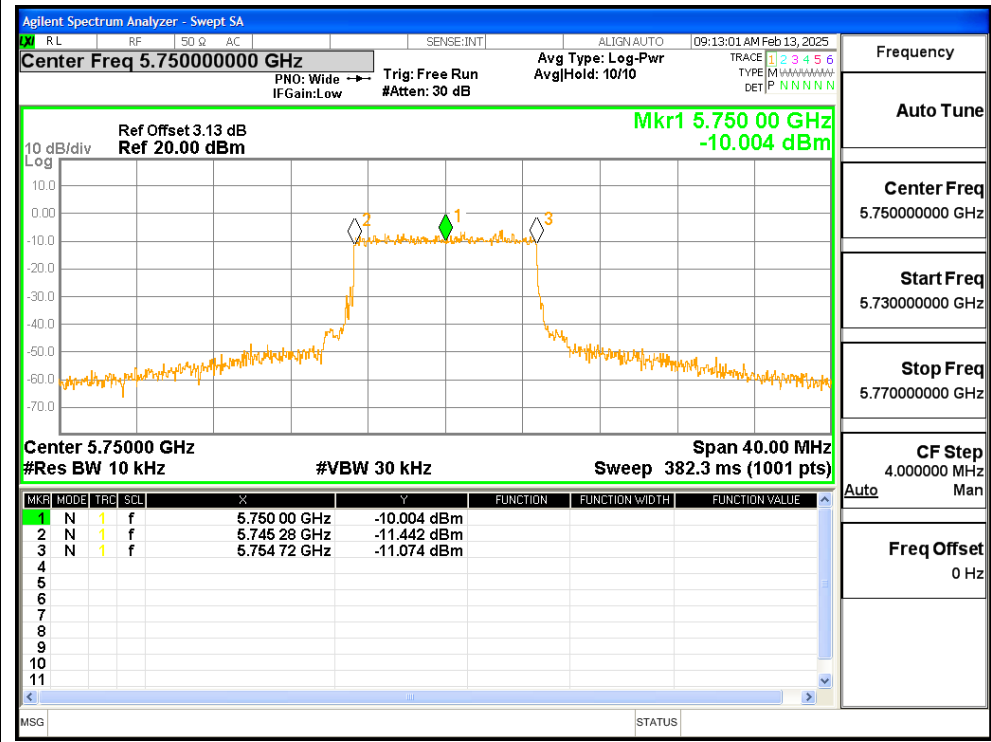


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Freq. Stability NVNT a 5820MHz Ant1

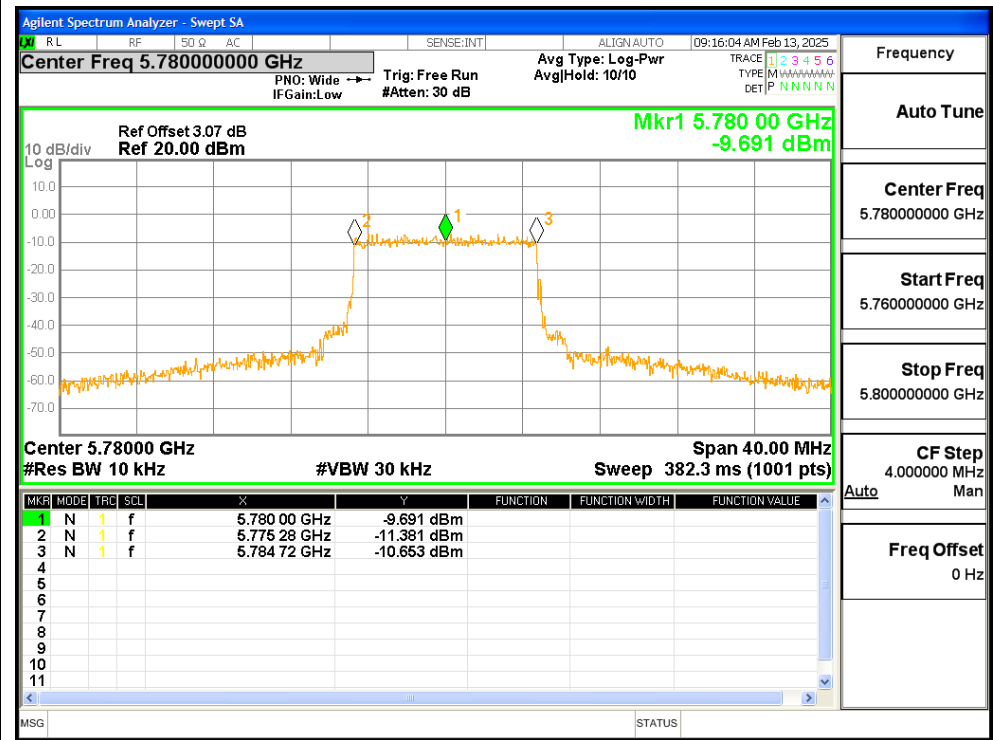


Freq. Stability NVNT a 5750MHz Ant2

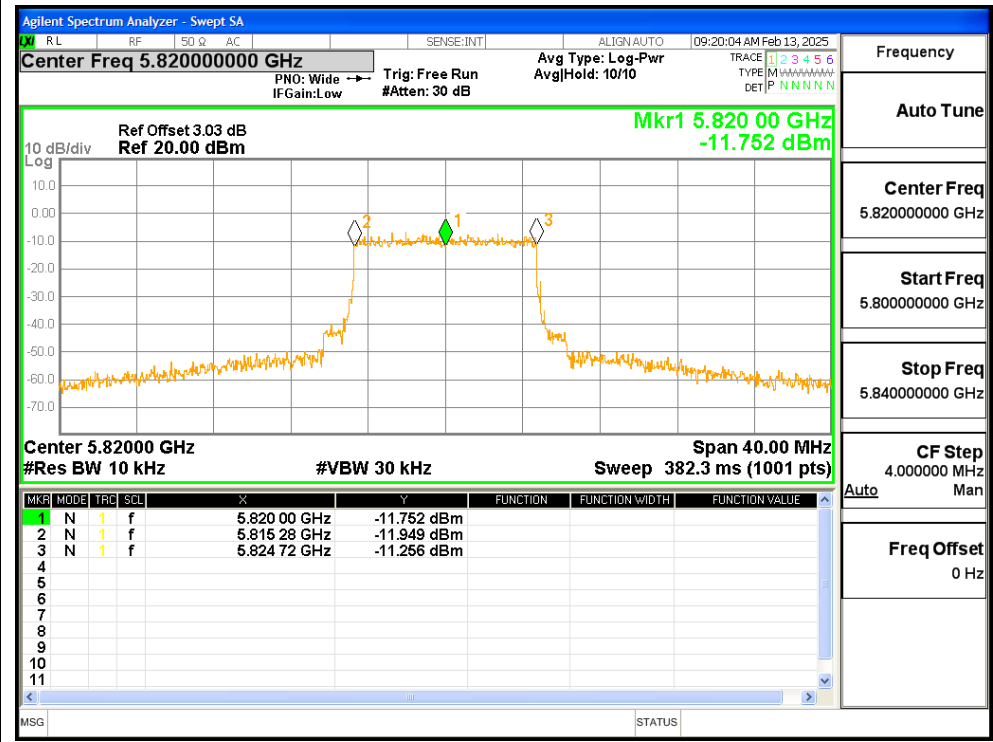


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Freq. Stability NVNT a 5780MHz Ant2



Freq. Stability NVNT a 5820MHz Ant2

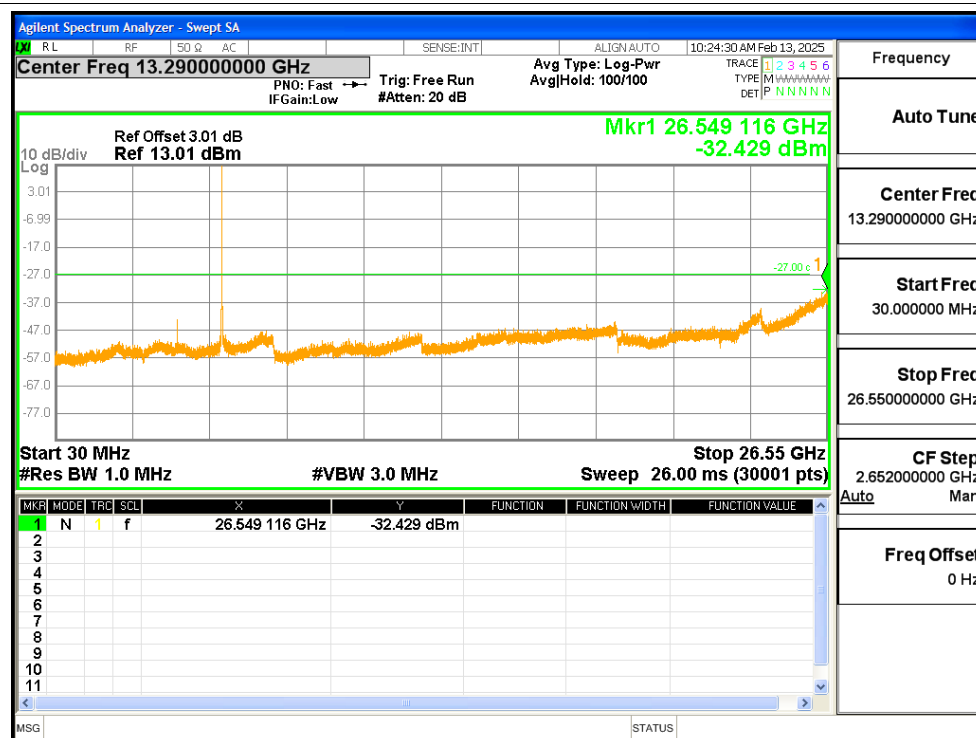


GTSL2025020052F06

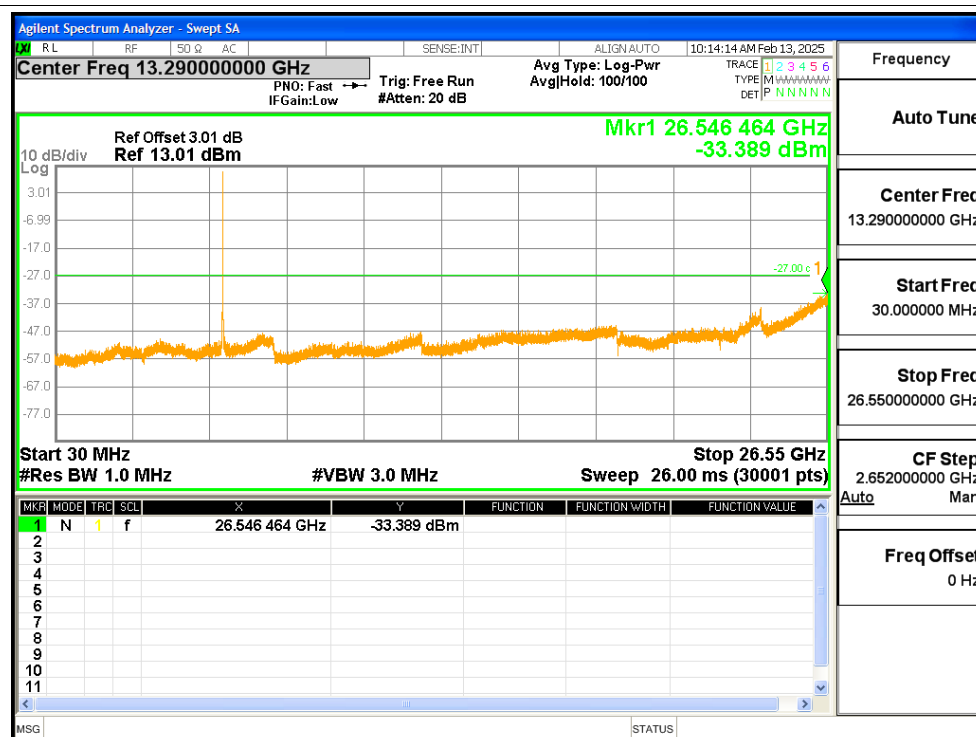
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5750	Ant1	-32.42	-27	Pass
		5780		-33.38	-27	Pass
		5820		-32.9	-27	Pass
		5750	Ant2	-33.53	-27	Pass
		5780		-33.1	-27	Pass
		5820		-33.23	-27	Pass

Tx. Spurious NVNT a 5750MHz Ant1 Emission

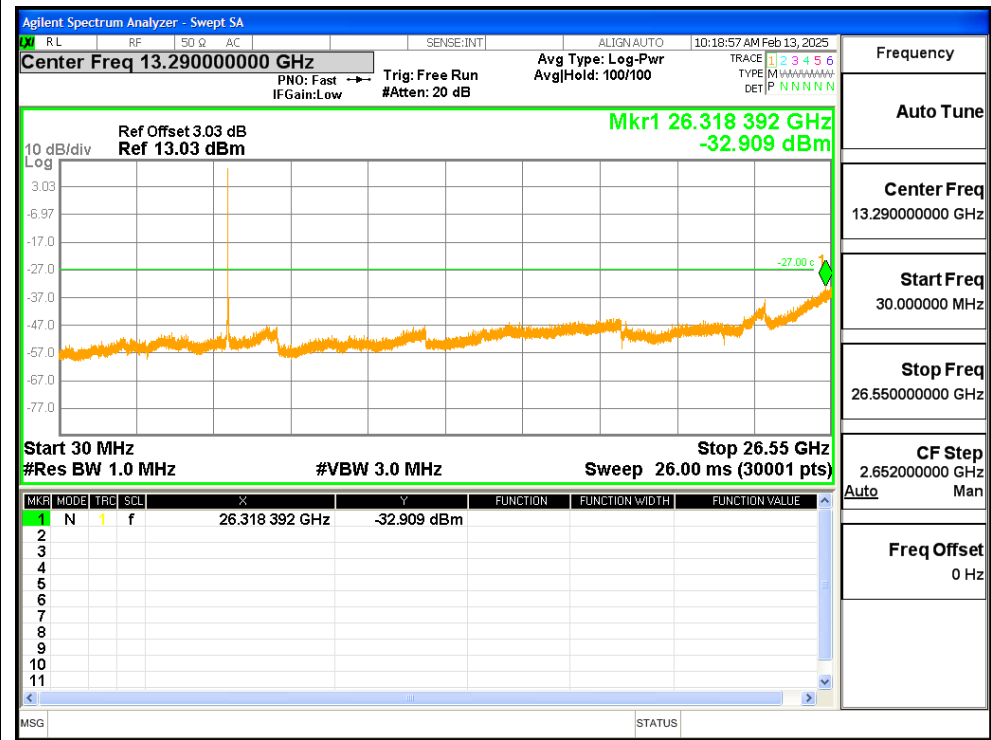


Tx. Spurious NVNT a 5780MHz Ant1 Emission

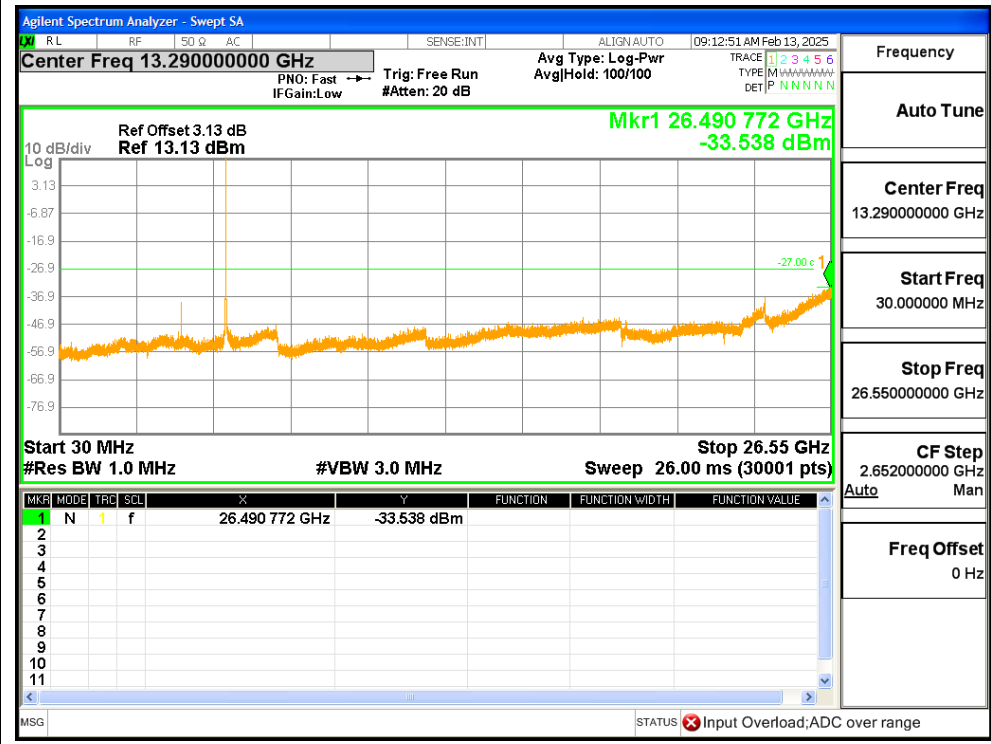


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Tx. Spurious NVNT a 5820MHz Ant1 Emission

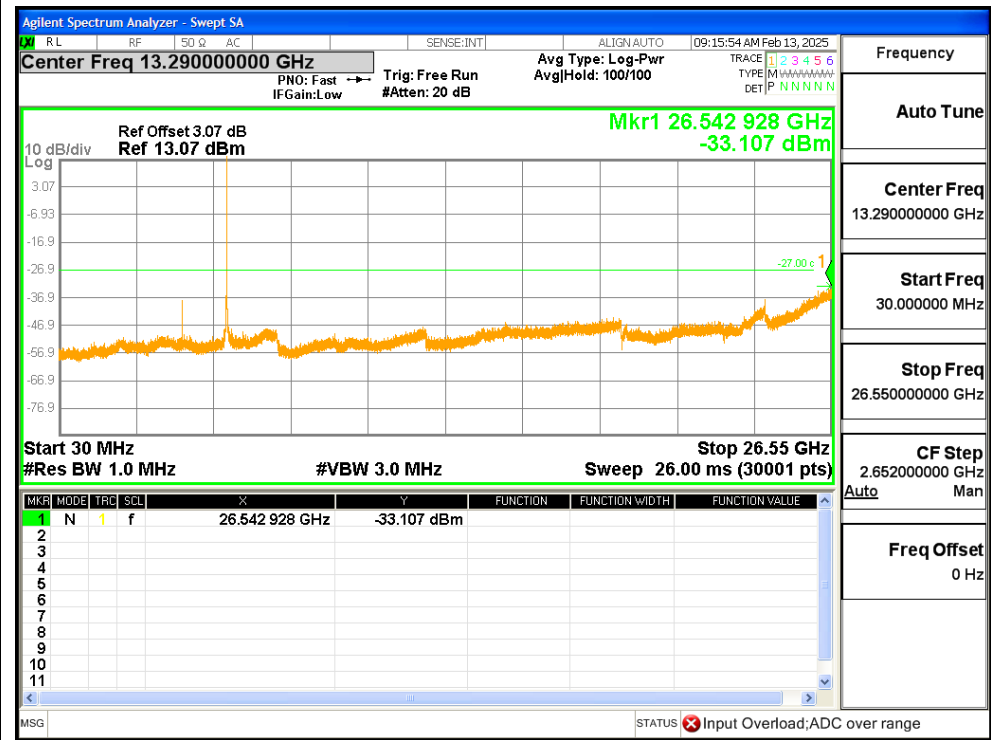


Tx. Spurious NVNT a 5750MHz Ant2 Emission



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Tx. Spurious NVNT a 5780MHz Ant2 Emission



Tx. Spurious NVNT a 5820MHz Ant2 Emission

