

RF Test Data for HaLow Wi-Fi (Conducted Measurements)

General Description of EUT	
Product Name:	Baby Monitor
Test Model:	SC374-WBD3-TX
Sample ID:	HC-C-202506-0230-03-01-2#
Environmental Conditions	
Temperature:	23.8℃
Relative Humidity:	48%
Test Voltage:	DC 5V
Test Engineer:	Rick. chen
Note: For a more detailed features description, please refer to the report TBR-C-202506-0230-21 The report only show the worst case data.	

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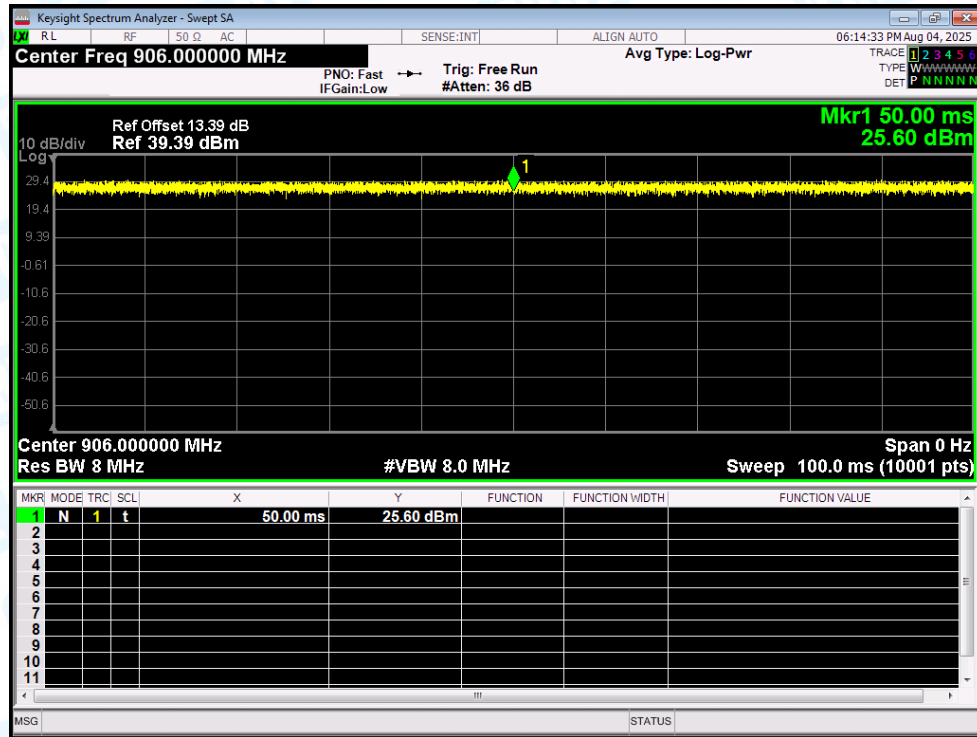
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1. Duty Cycle

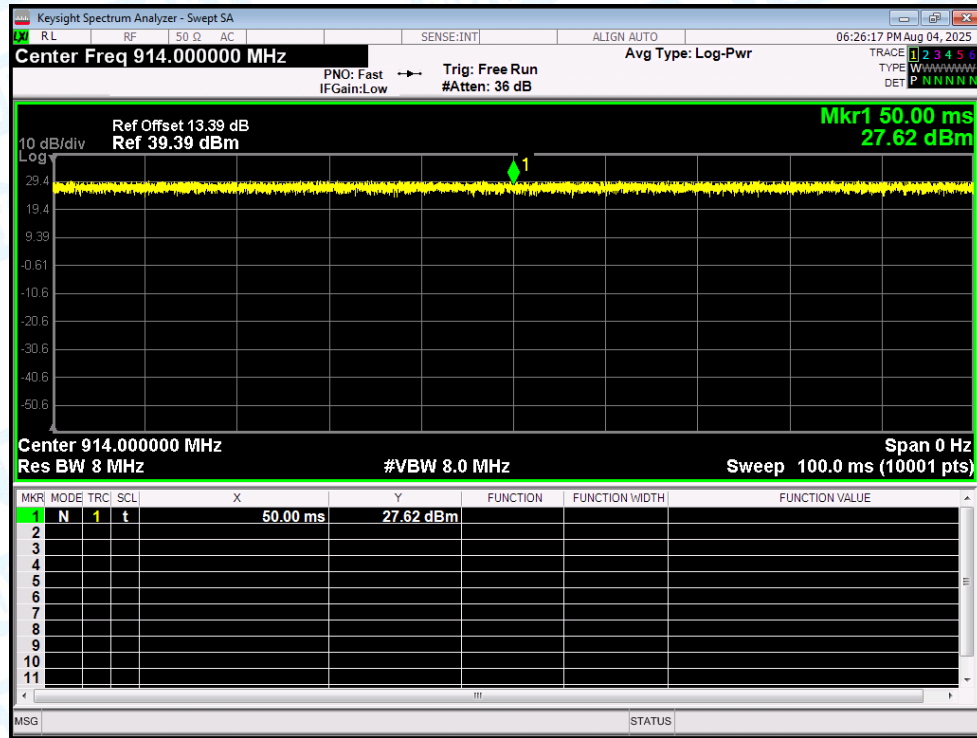
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	4M	906	Ant1	100	0	0
NVNT	4M	914	Ant1	100	0	0
NVNT	4M	922	Ant1	100	0	0

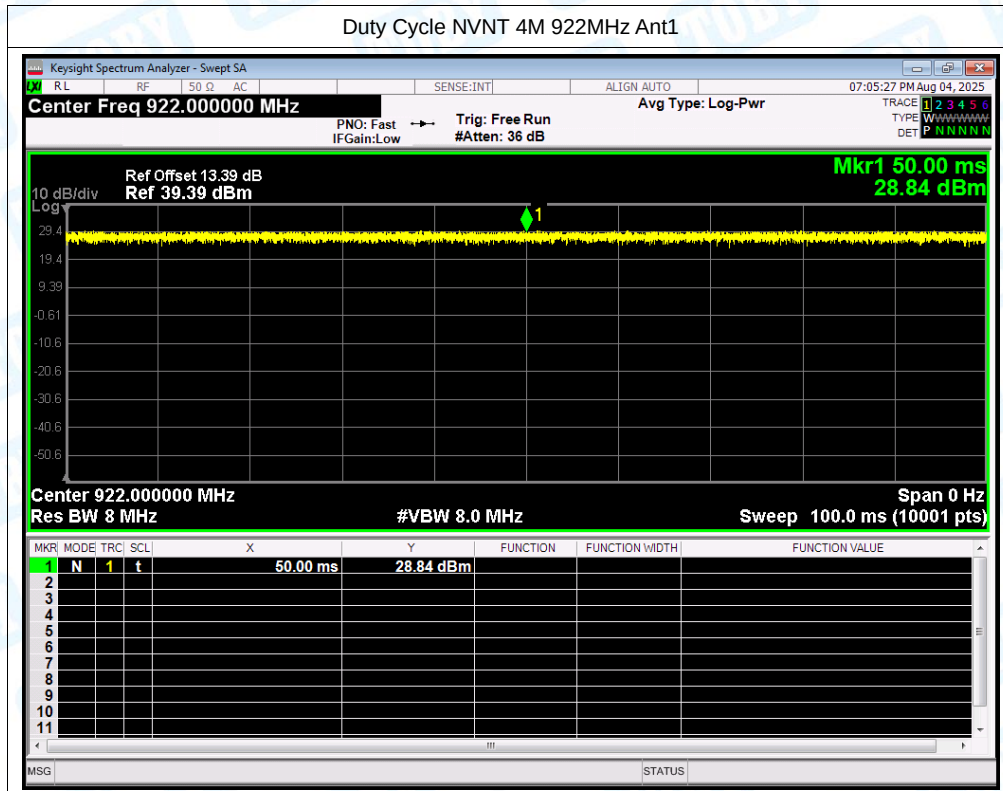
Test Graphs

Duty Cycle NVNT 4M 906MHz Ant1



Duty Cycle NVNT 4M 914MHz Ant1



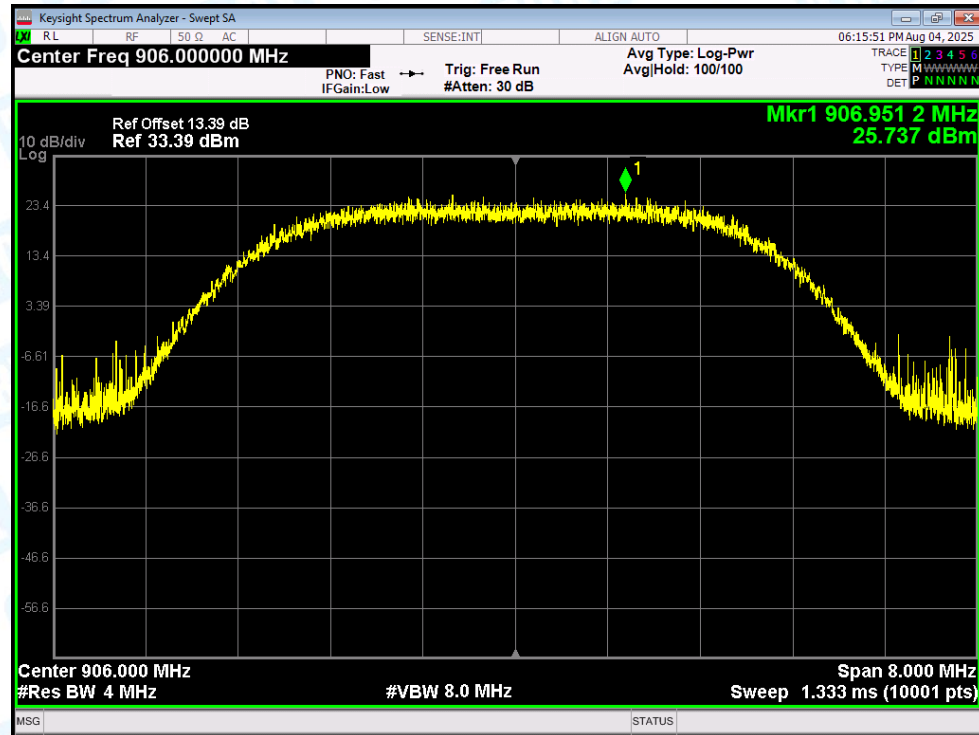


2. Maximum Conducted Output Power

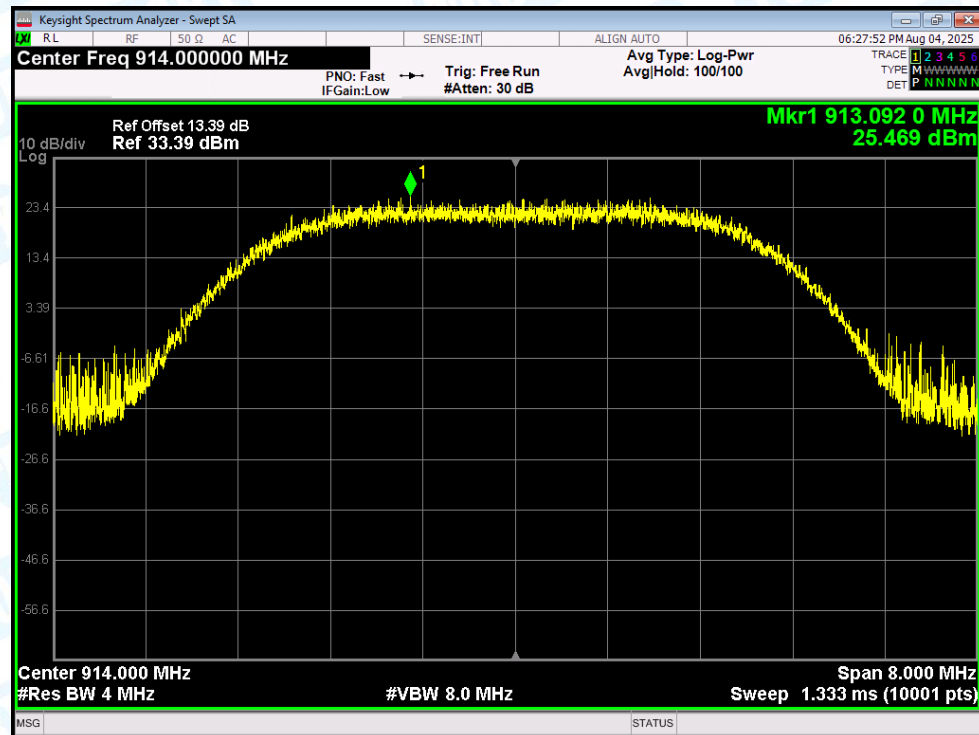
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	4M	906	Ant1	25.737	30	Pass
NVNT	4M	914	Ant1	25.469	30	Pass
NVNT	4M	922	Ant1	25.273	30	Pass

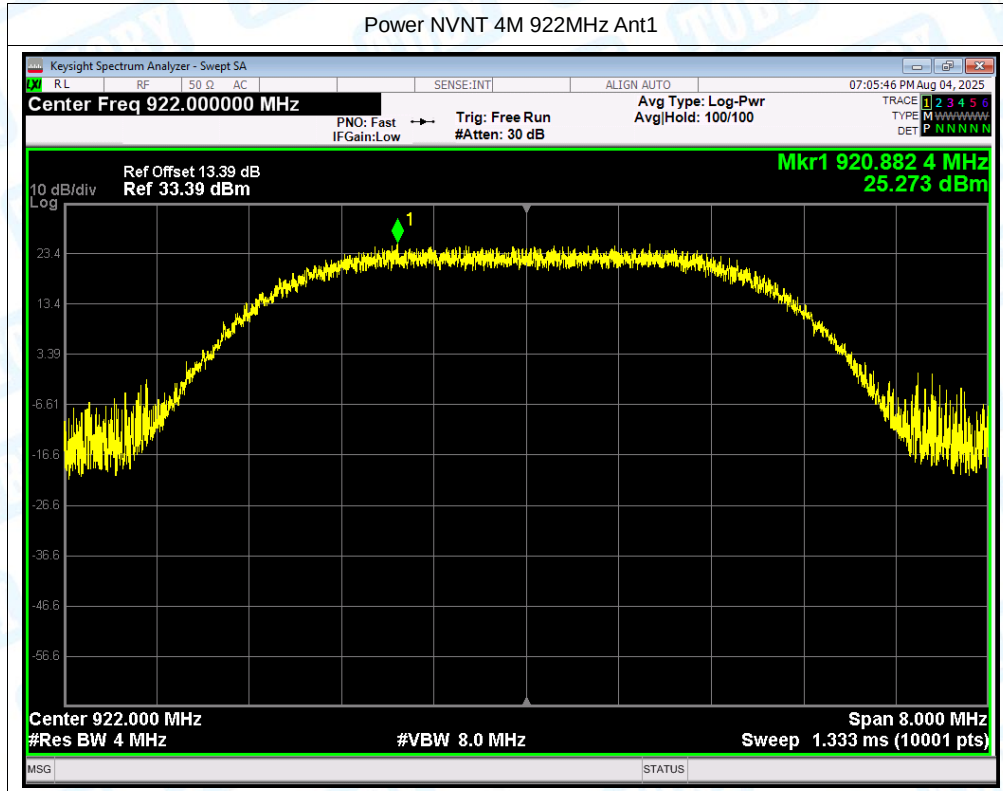
Test Graphs

Power NVNT 4M 906MHz Ant1



Power NVNT 4M 914MHz Ant1



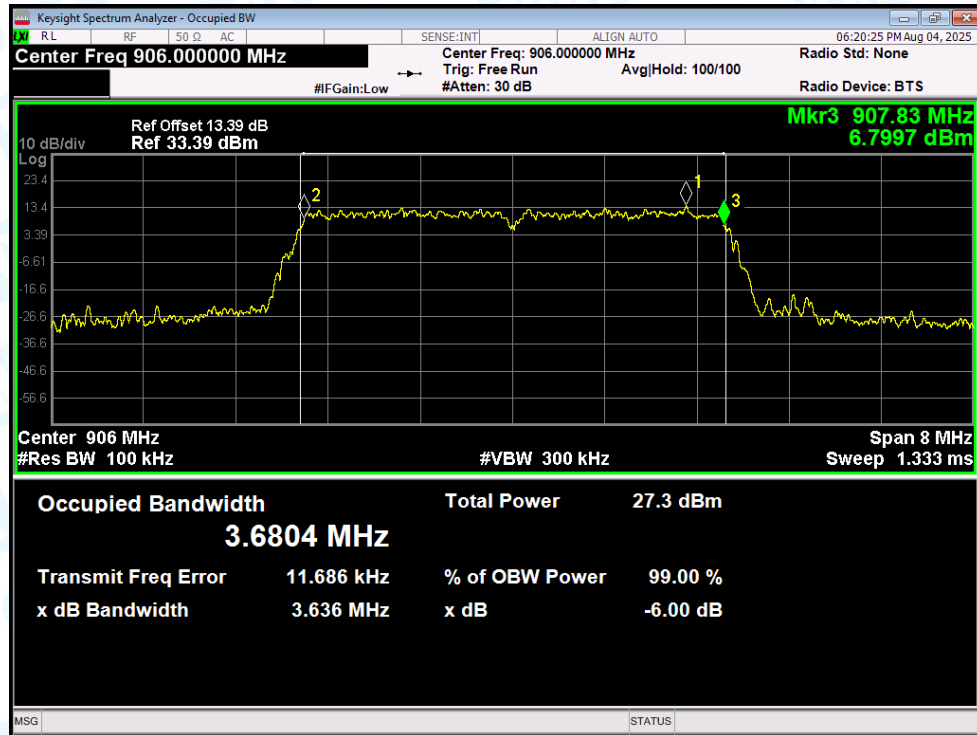


3. -6dB Bandwidth

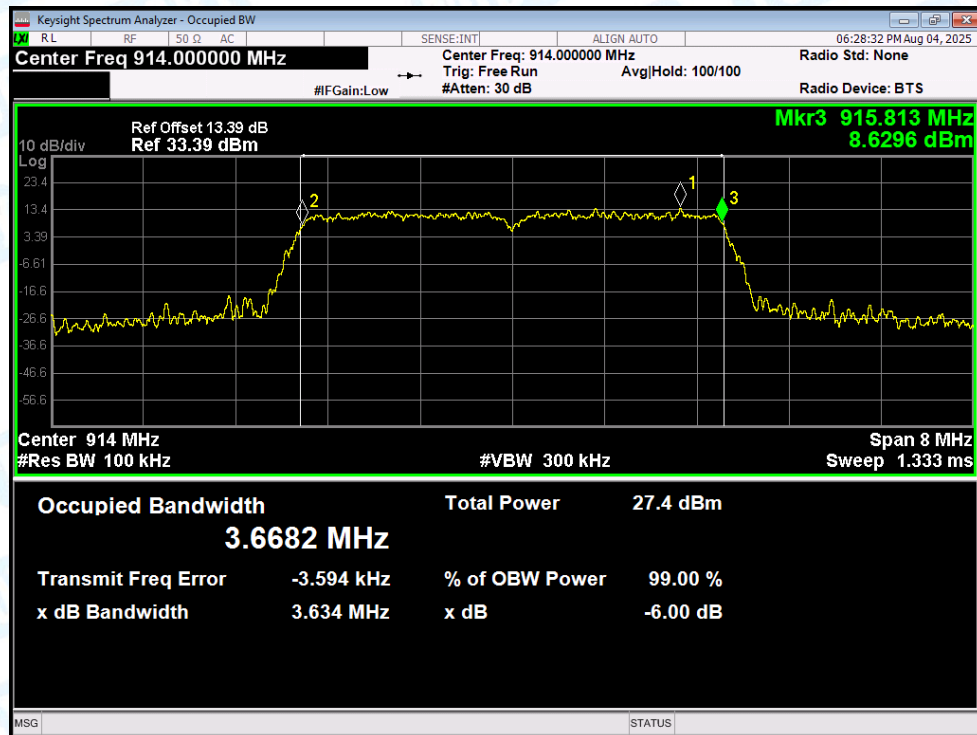
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	4M	906	Ant1	3.64	0.5	Pass
NVNT	4M	914	Ant1	3.63	0.5	Pass
NVNT	4M	922	Ant1	3.65	0.5	Pass

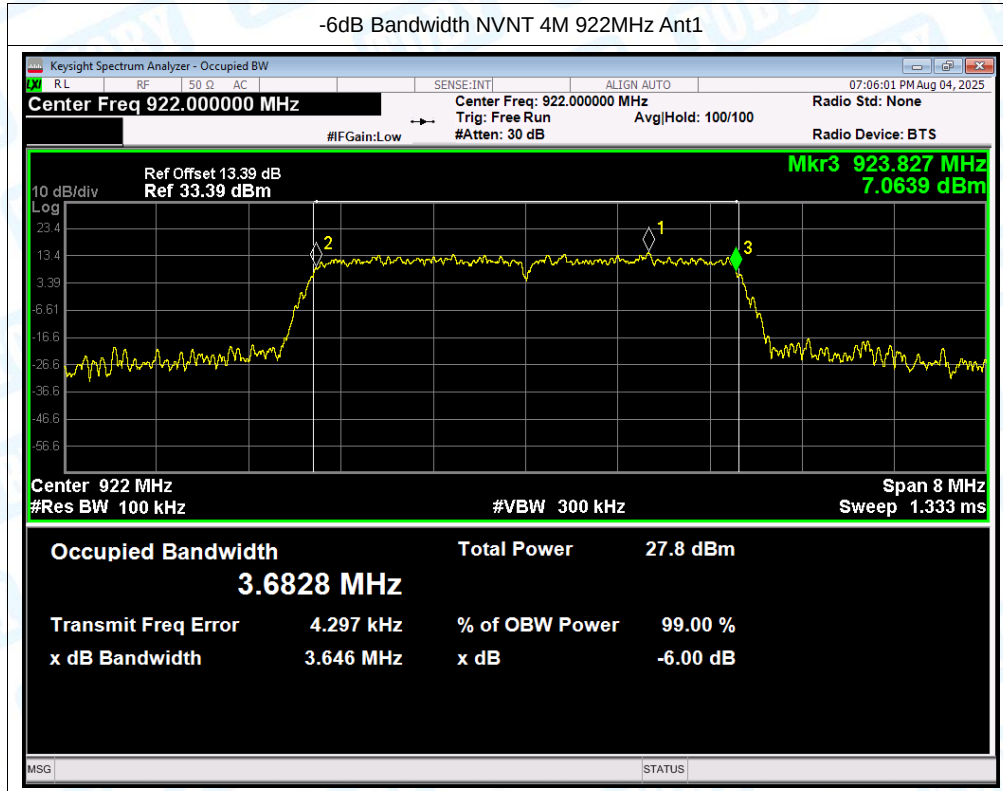
Test Graphs

-6dB Bandwidth NVNT 4M 906MHz Ant1



-6dB Bandwidth NVNT 4M 914MHz Ant1



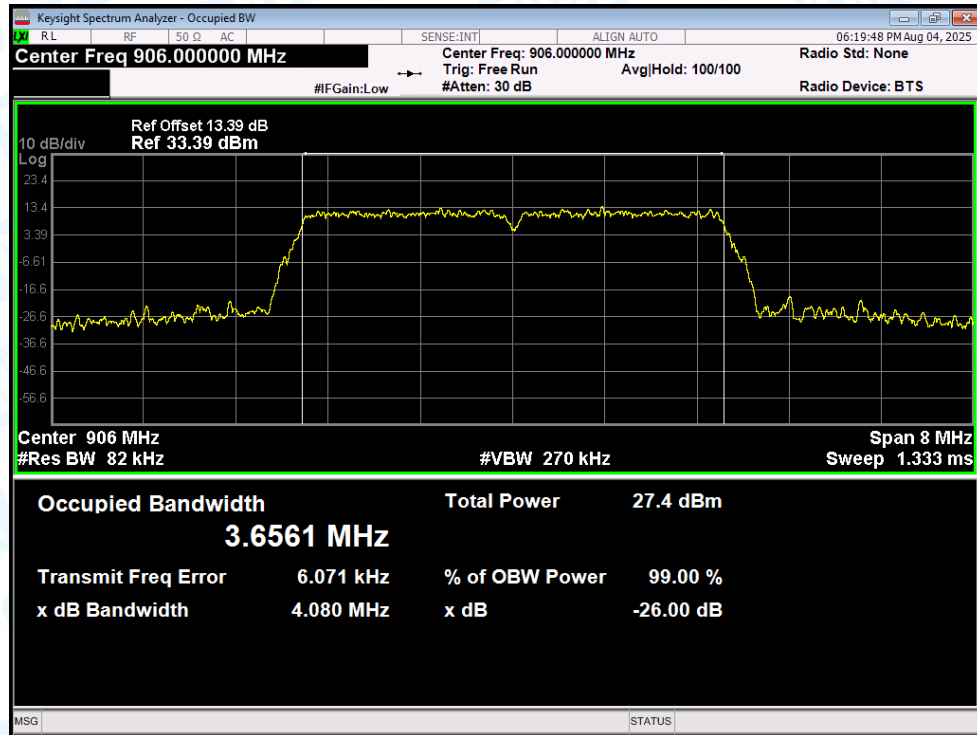


4. Occupied Channel Bandwidth

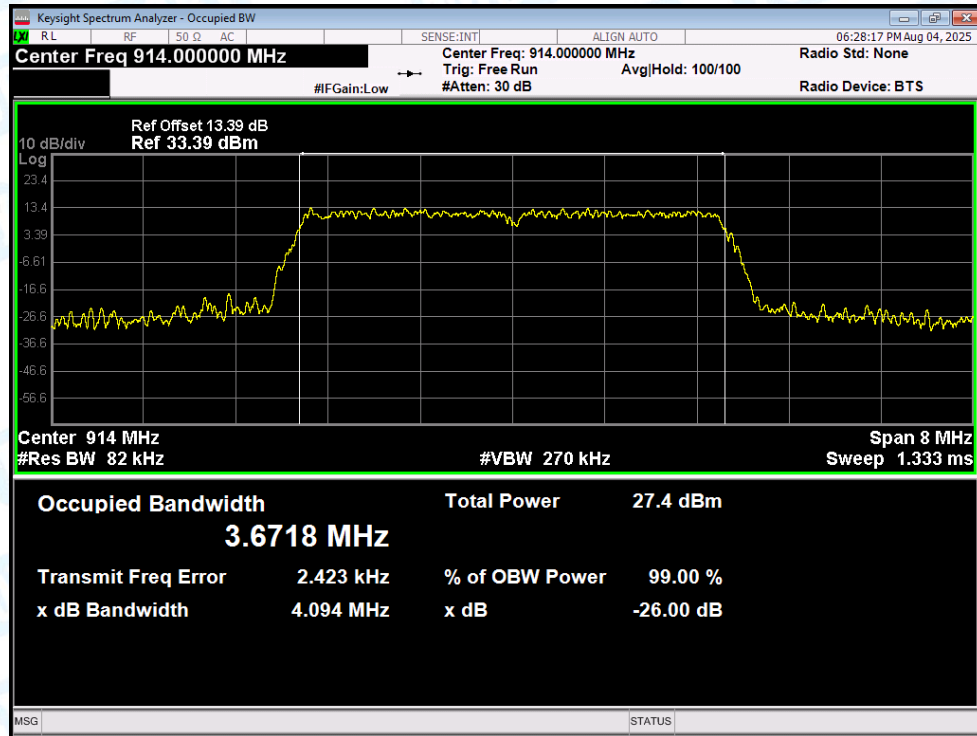
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	4M	906	Ant1	3.656
NVNT	4M	914	Ant1	3.672
NVNT	4M	922	Ant1	3.685

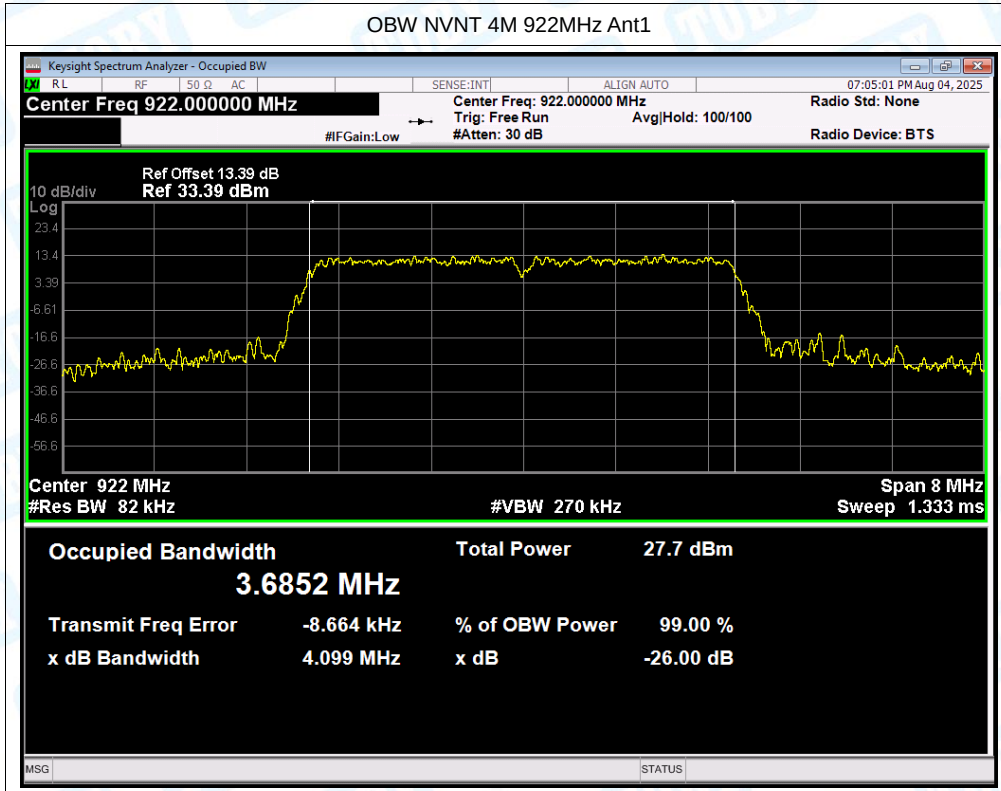
Test Graphs

OBW NVNT 4M 906MHz Ant1



OBW NVNT 4M 914MHz Ant1



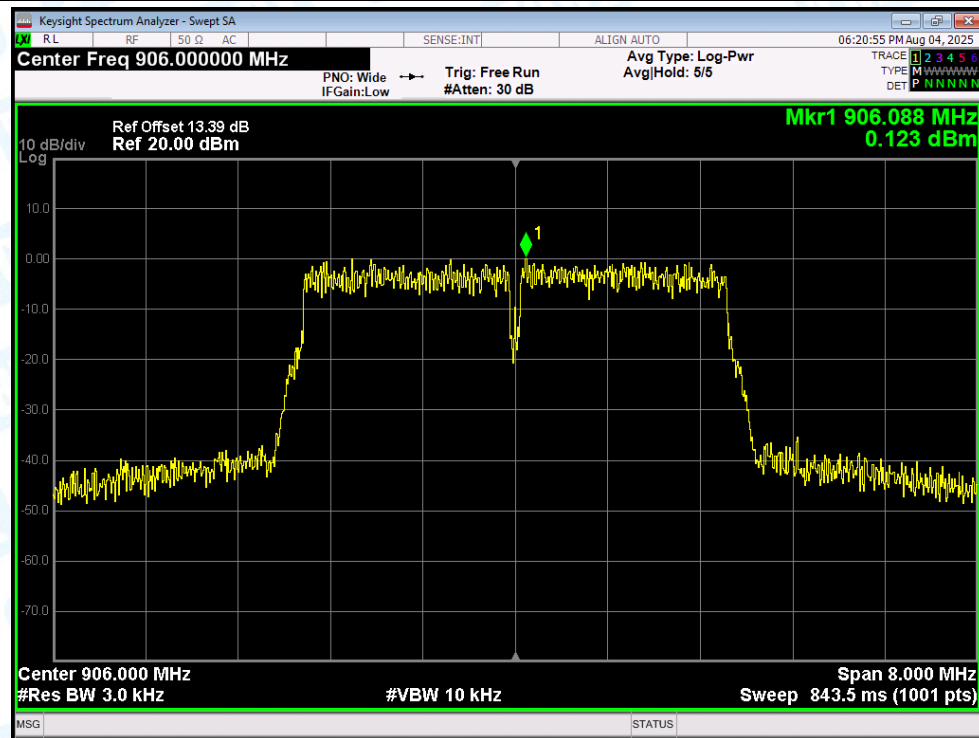


5. Maximum Power Spectral Density Level

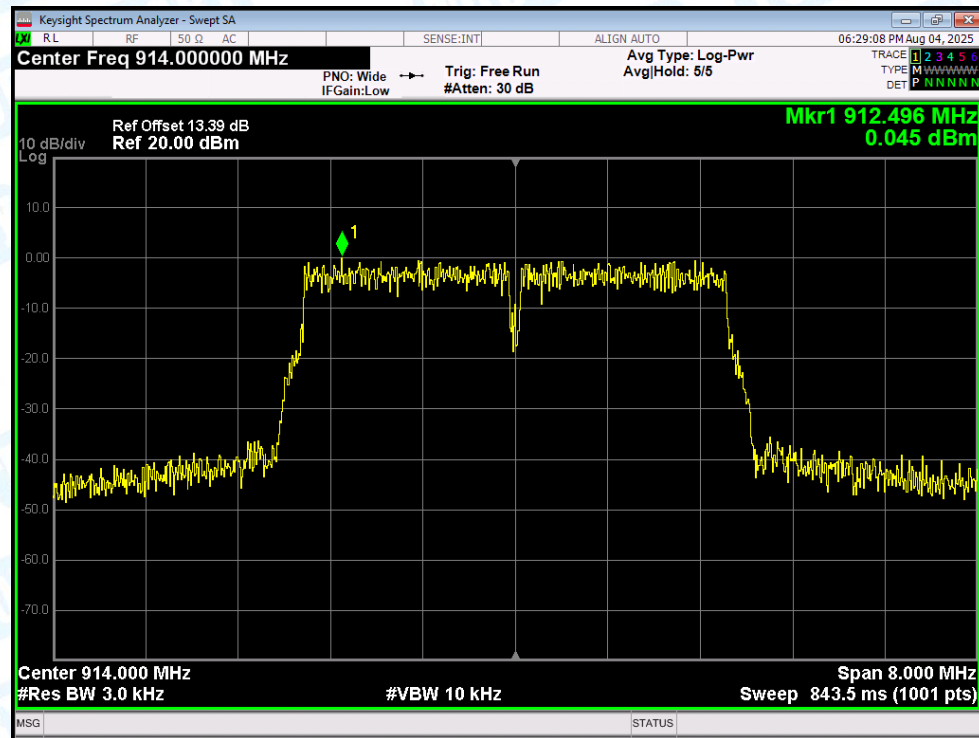
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	4M	906	Ant1	0.123	8	Pass
NVNT	4M	914	Ant1	0.045	8	Pass
NVNT	4M	922	Ant1	1.153	8	Pass

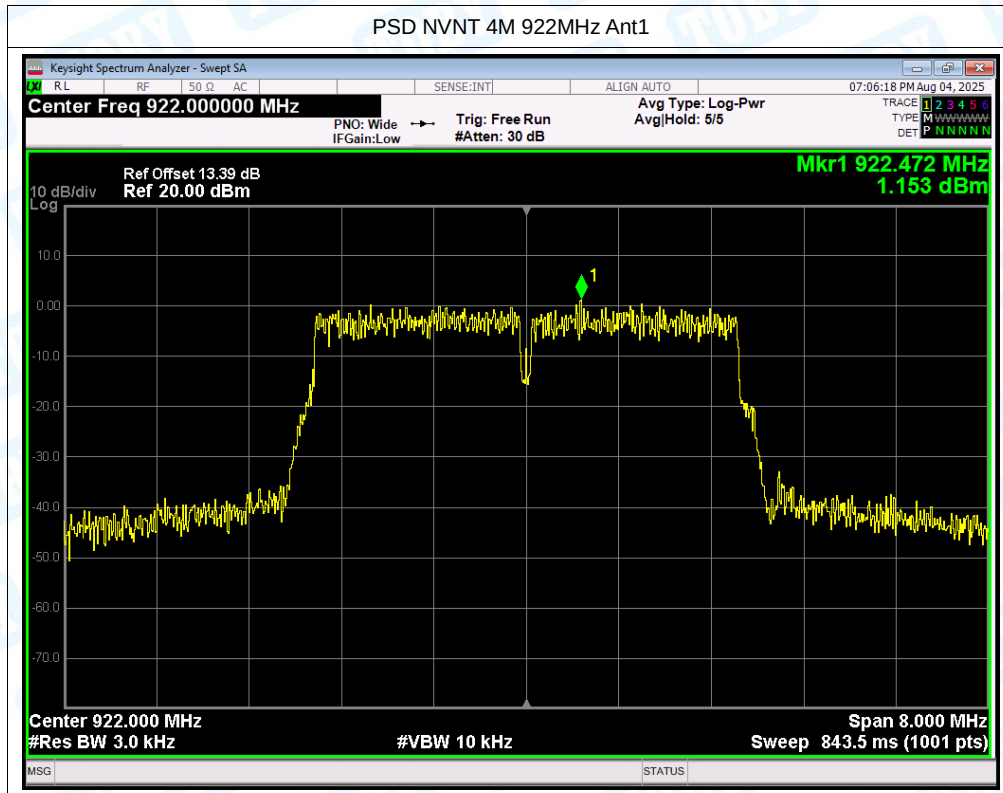
Test Graphs

PSD NVNT 4M 906MHz Ant1



PSD NVNT 4M 914MHz Ant1



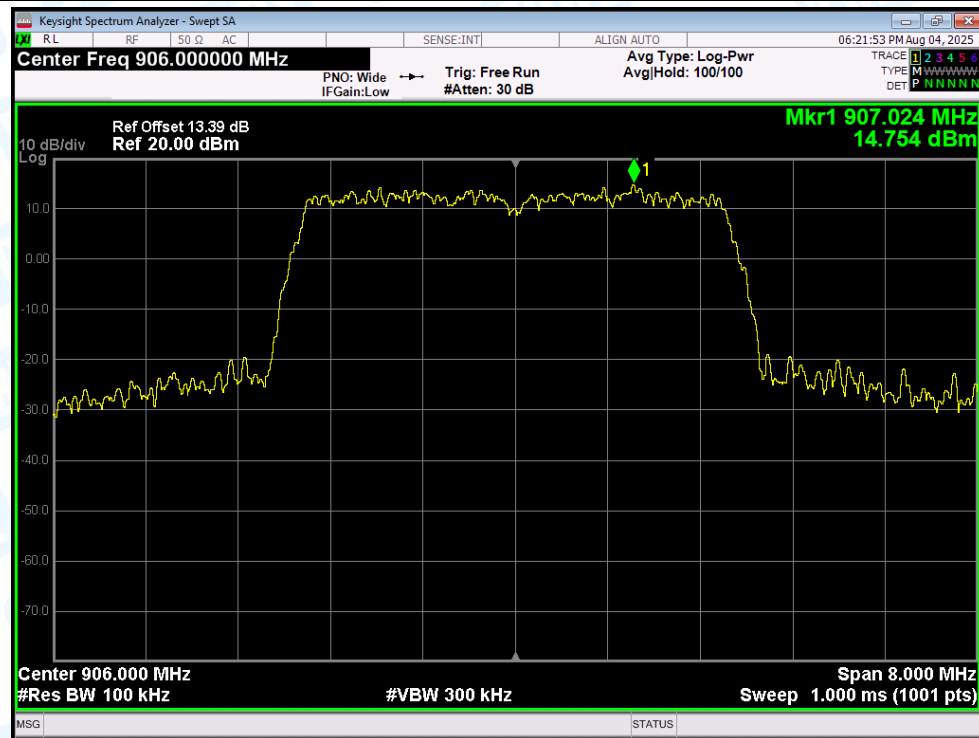


6. Band Edge

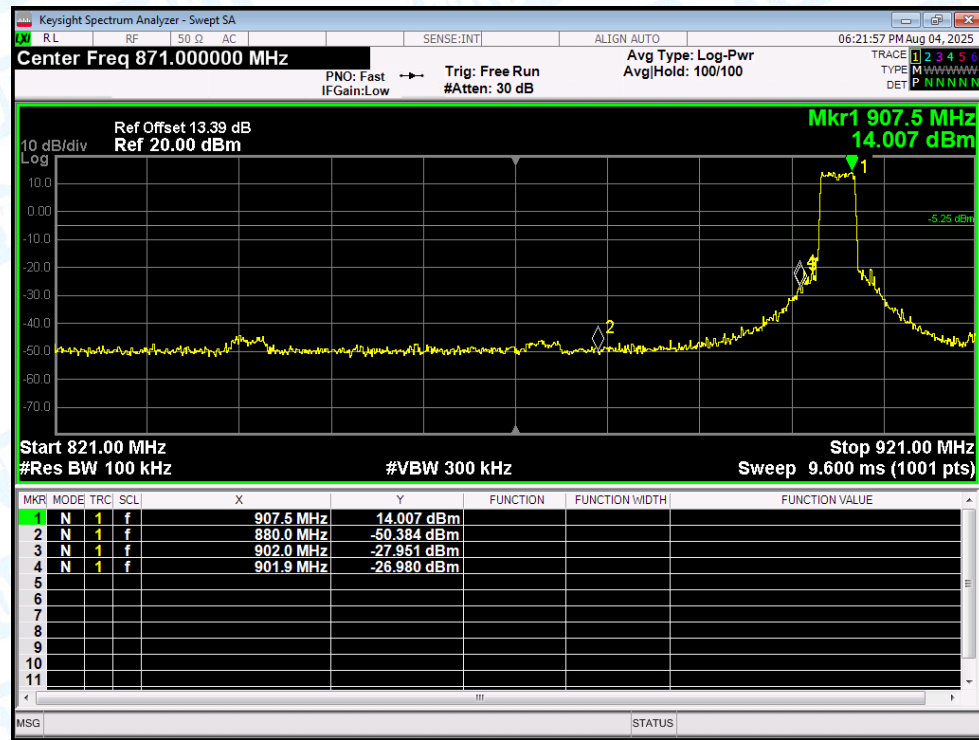
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	4M	906	Ant1	-41.73	-20	Pass
NVNT	4M	922	Ant1	-49.38	-20	Pass

Test Graphs

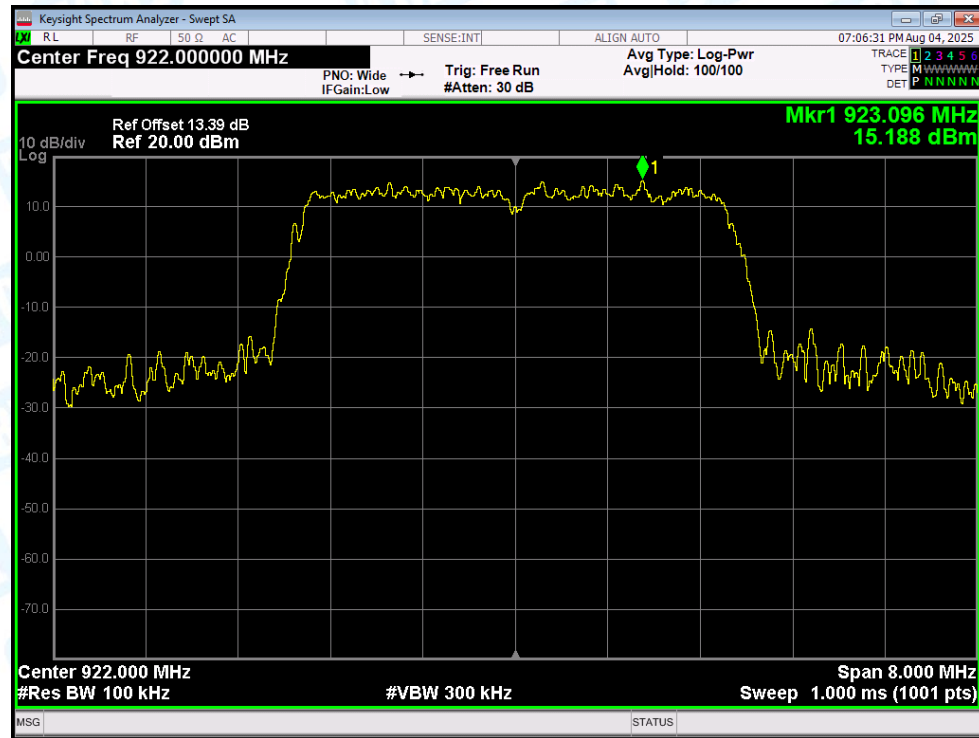
Band Edge NVNT 4M 906MHz Ant1 Ref



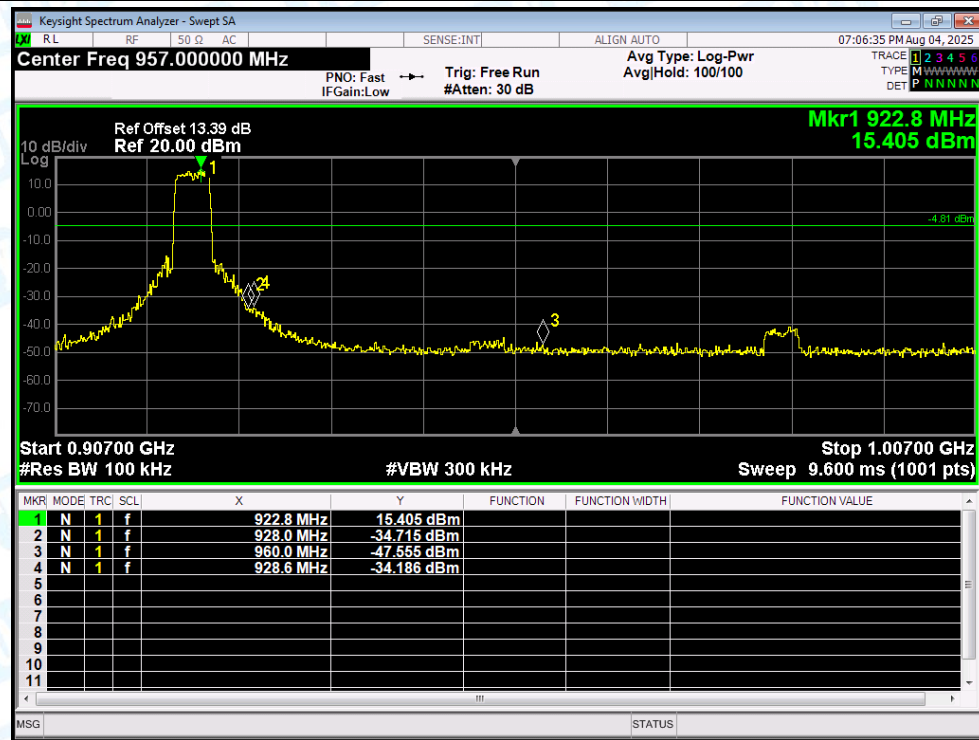
Band Edge NVNT 4M 906MHz Ant1 Emission



Band Edge NVNT 4M 922MHz Ant1 Ref



Band Edge NVNT 4M 922MHz Ant1 Emission

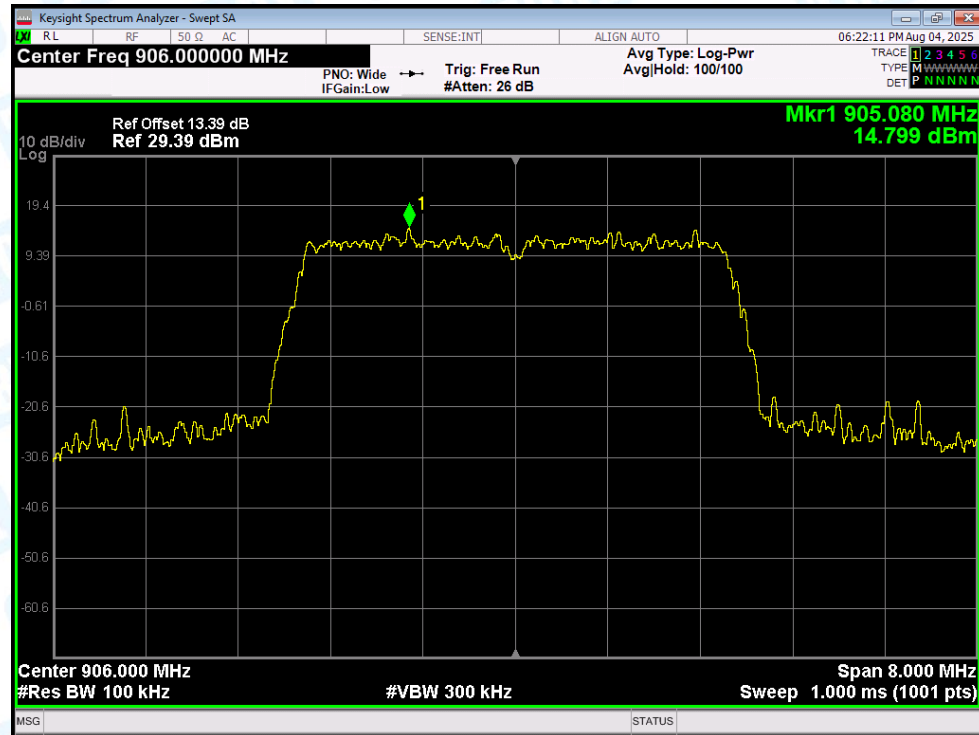


7. Conducted RF Spurious Emission

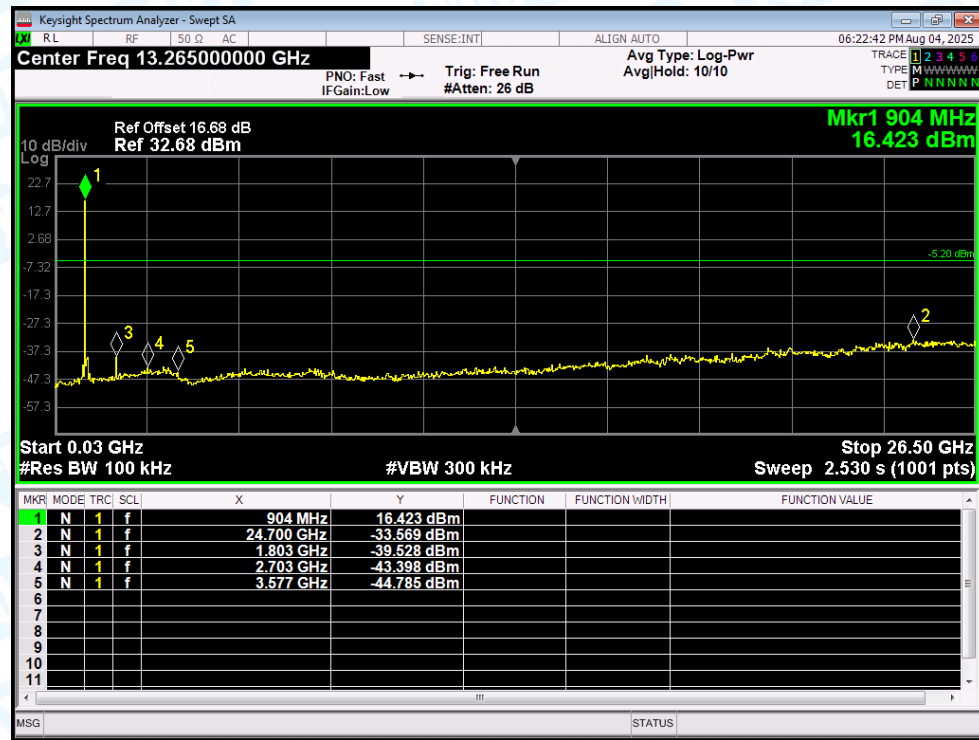
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	4M	906	Ant1	-48.37	-20	Pass
NVNT	4M	914	Ant1	-47.8	-20	Pass
NVNT	4M	922	Ant1	-47.49	-20	Pass

Test Graphs

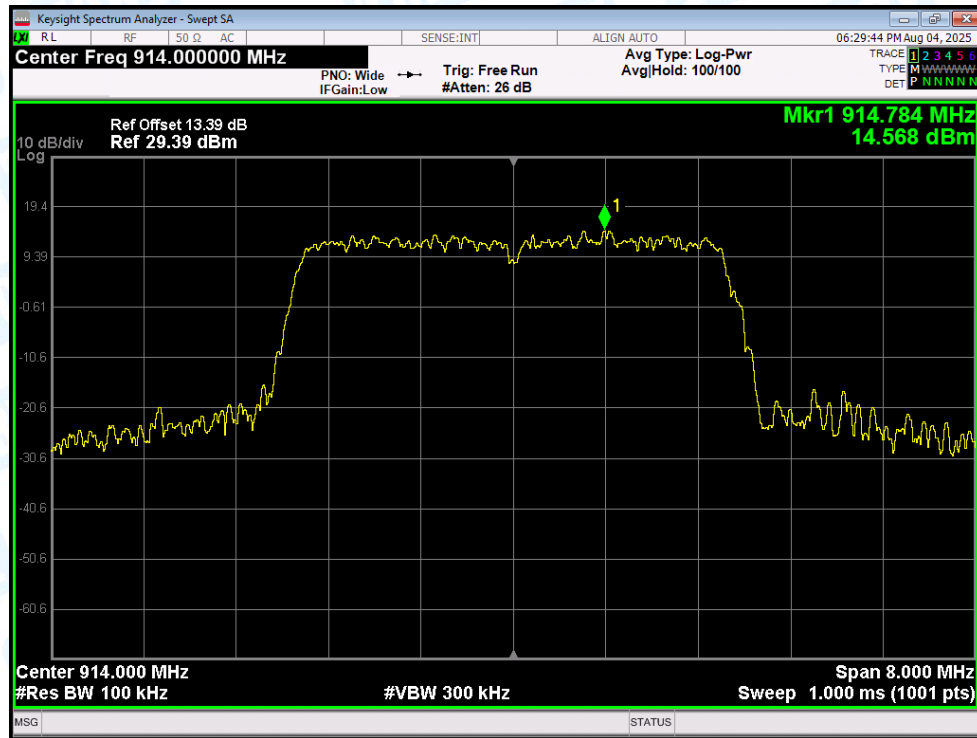
Tx. Spurious NVNT 4M 906MHz Ant1 Ref



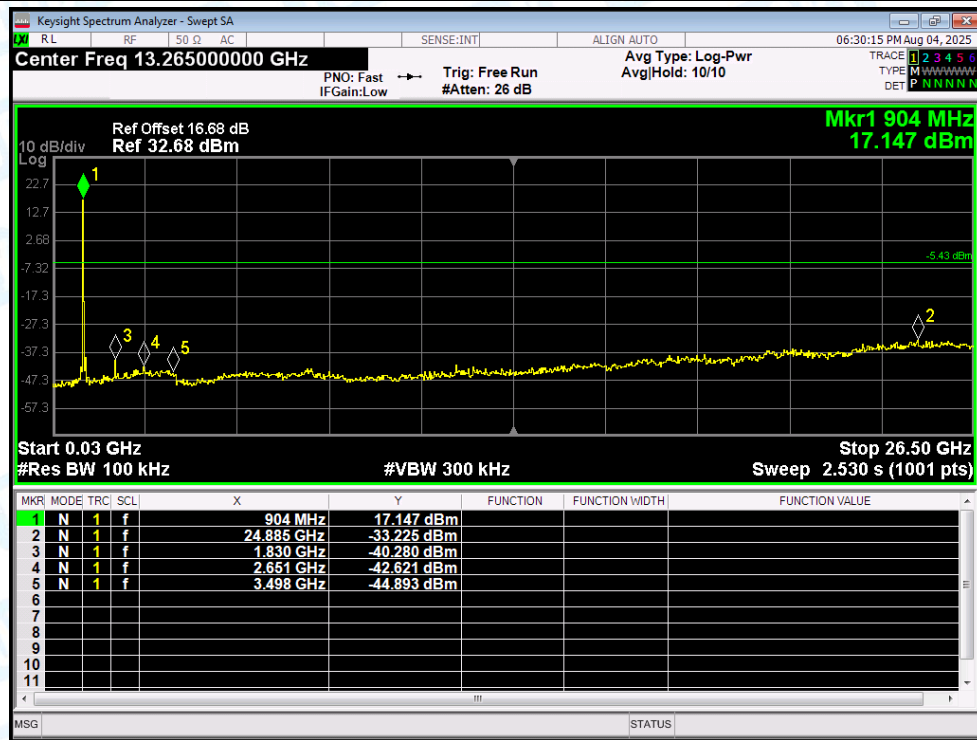
Tx. Spurious NVNT 4M 906MHz Ant1 Emission



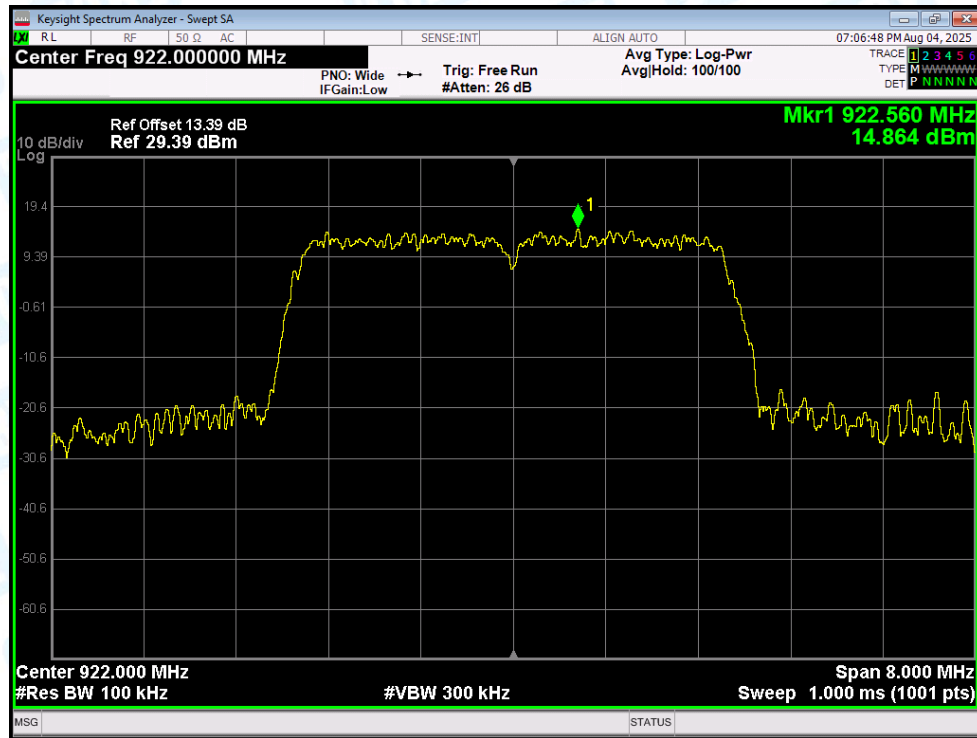
Tx. Spurious NVNT 4M 914MHz Ant1 Ref



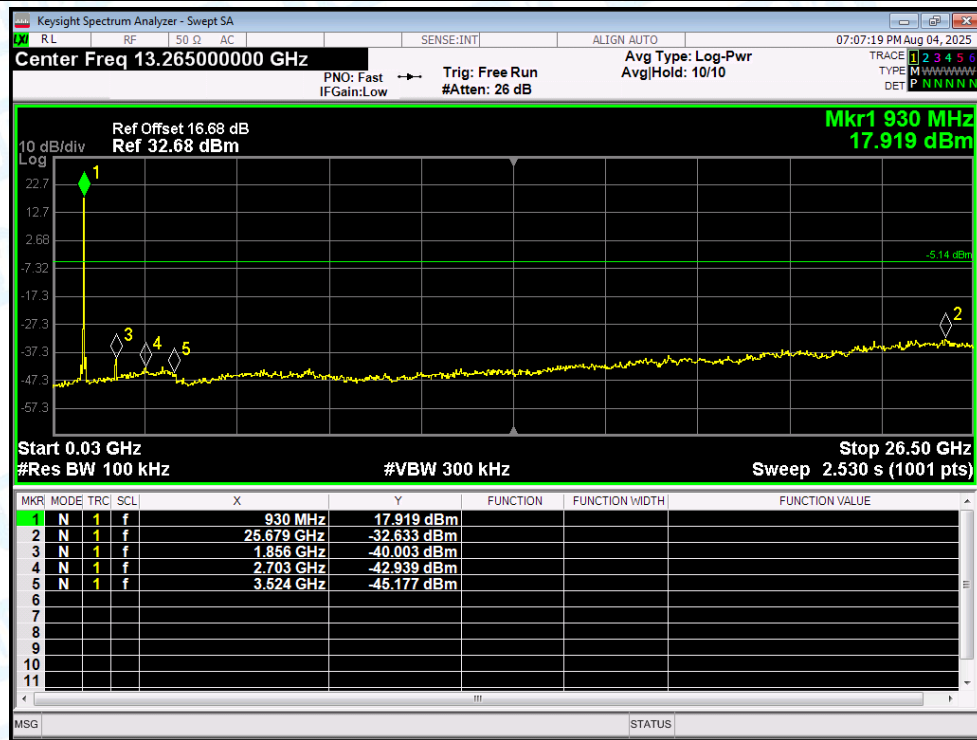
Tx. Spurious NVNT 4M 914MHz Ant1 Emission



Tx. Spurious NVNT 4M 922MHz Ant1 Ref



Tx. Spurious NVNT 4M 922MHz Ant1 Emission



-----END OF THE REPORT-----