

Appendix: Lora FHSS

Contents

Duty Cycle 3

Maximum Peak Conducted Output Power 5

-20dB Bandwidth 8

Occupied Channel Bandwidth 11

Band Edge 14

Band Edge(Hopping) 17

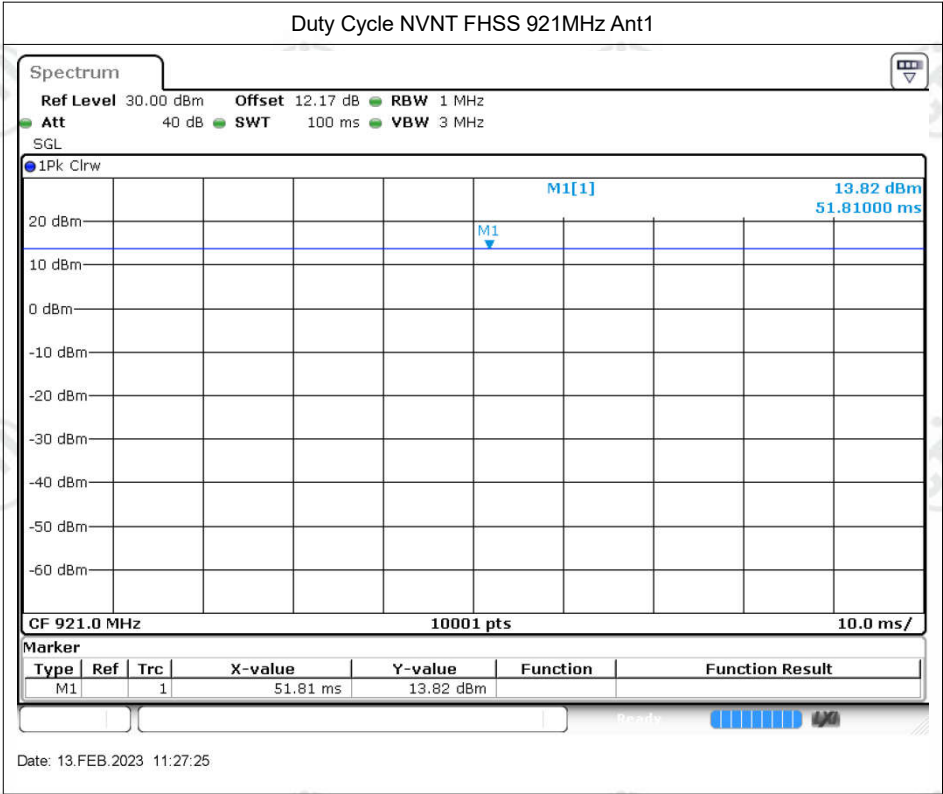
Conducted RF Spurious Emission 20

Carrier Frequencies Separation 24

Number of Hopping Channel 26

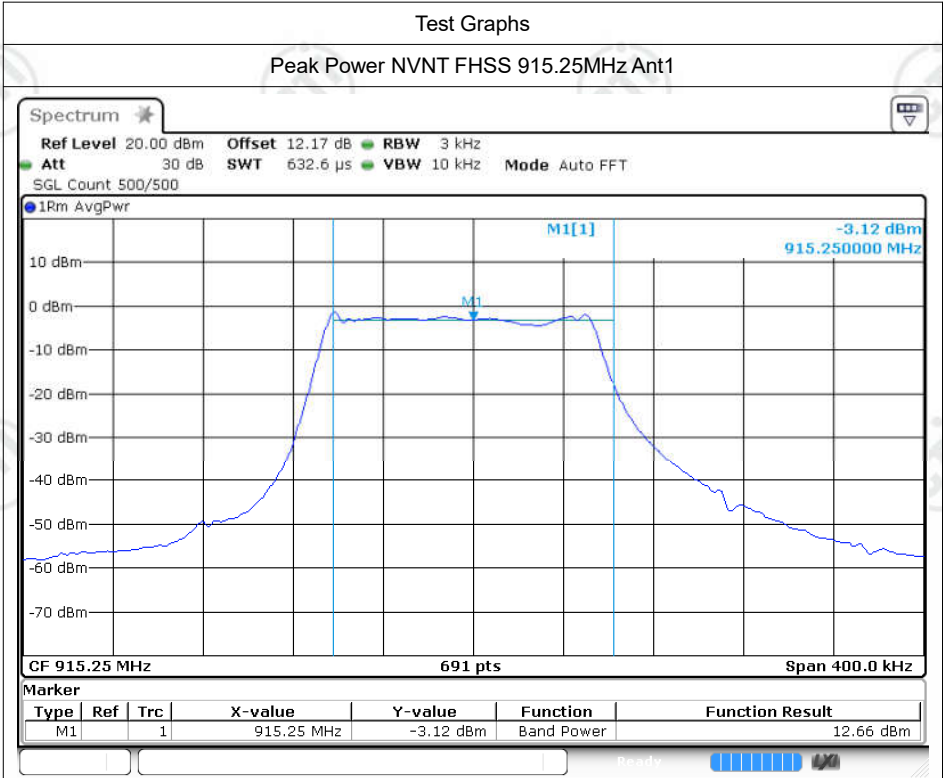
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	FHSS	921	Ant1	100	0	0

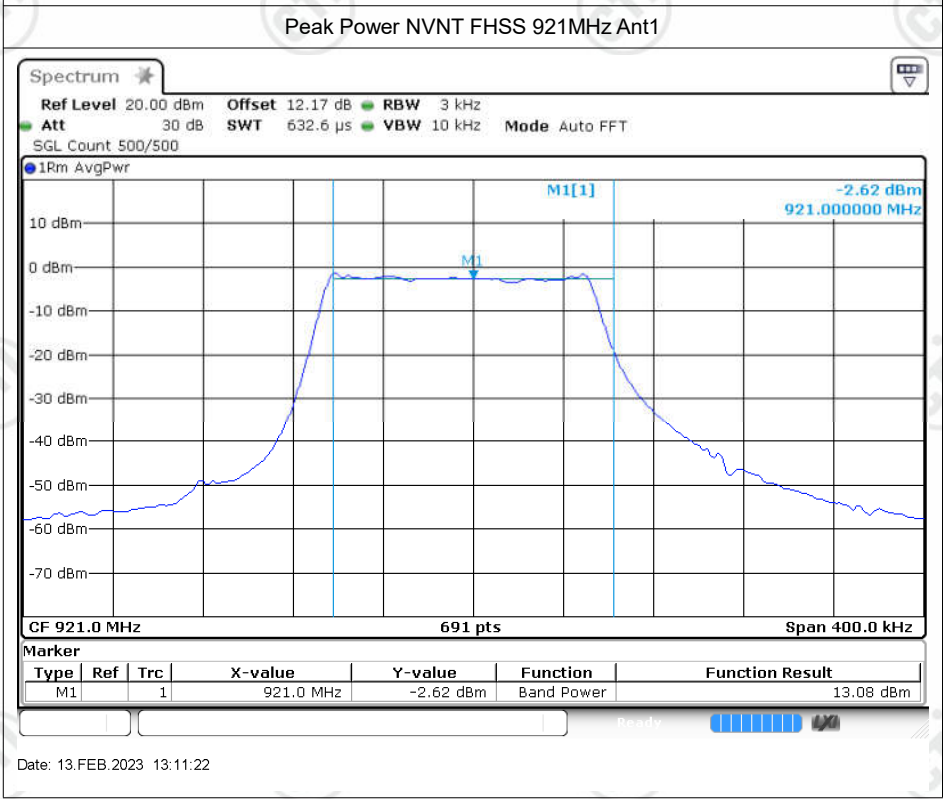


Maximum Peak Conducted Output Power

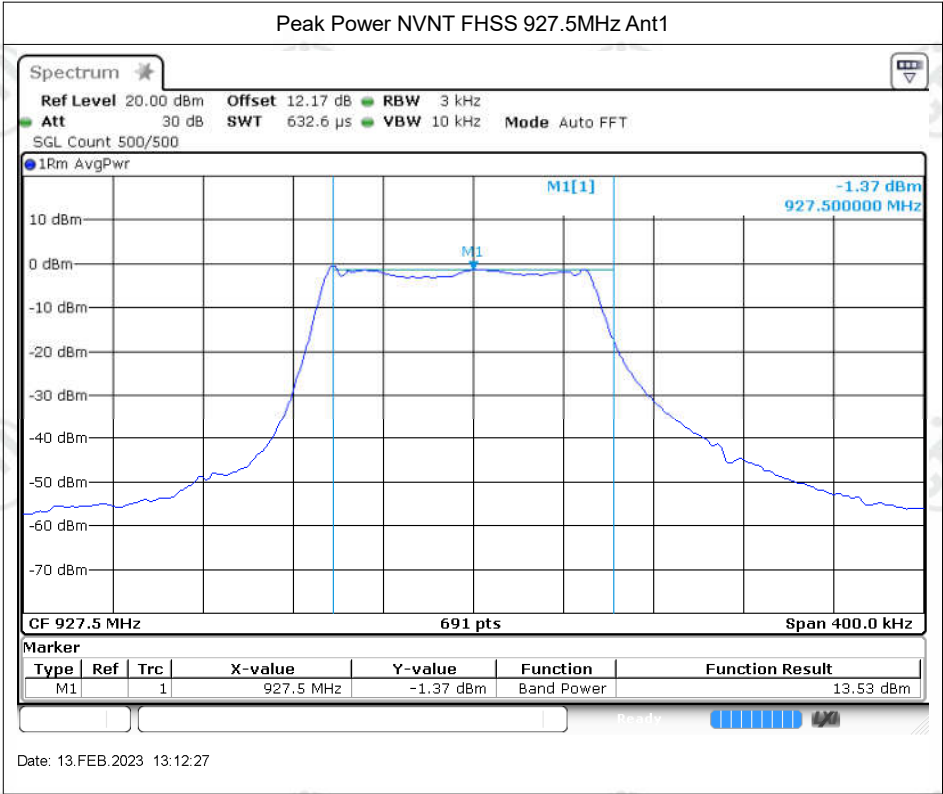
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	FHSS	915.25	Ant1	12.66	30	Pass
NVNT	FHSS	921	Ant1	13.08	30	Pass
NVNT	FHSS	927.5	Ant1	13.53	30	Pass



Date: 13.FEB 2023 13:10:19

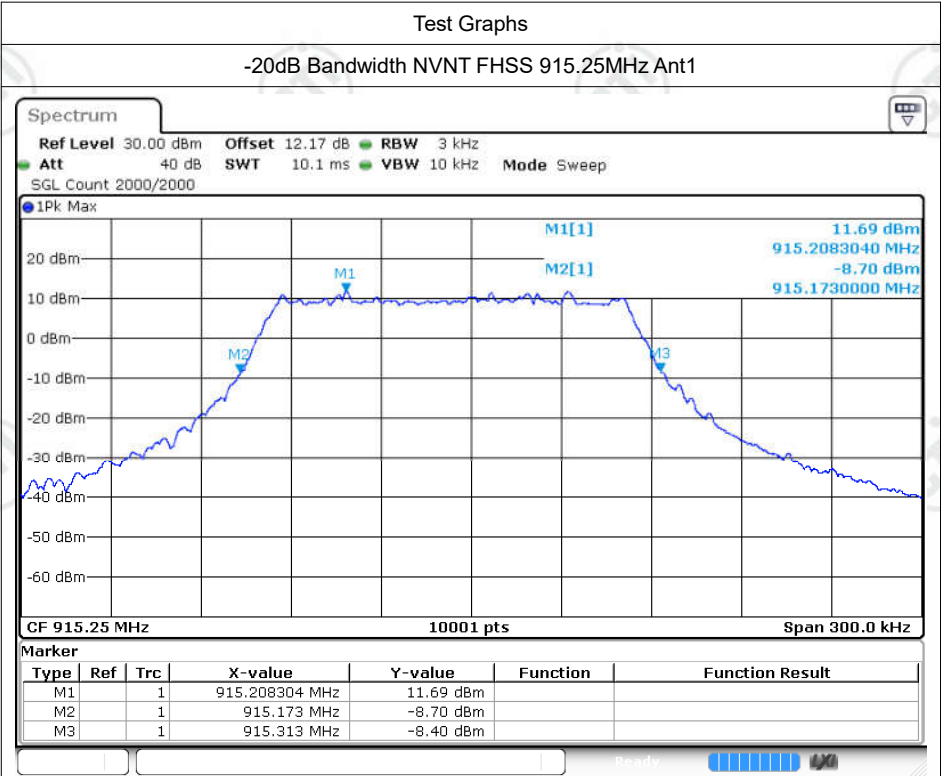


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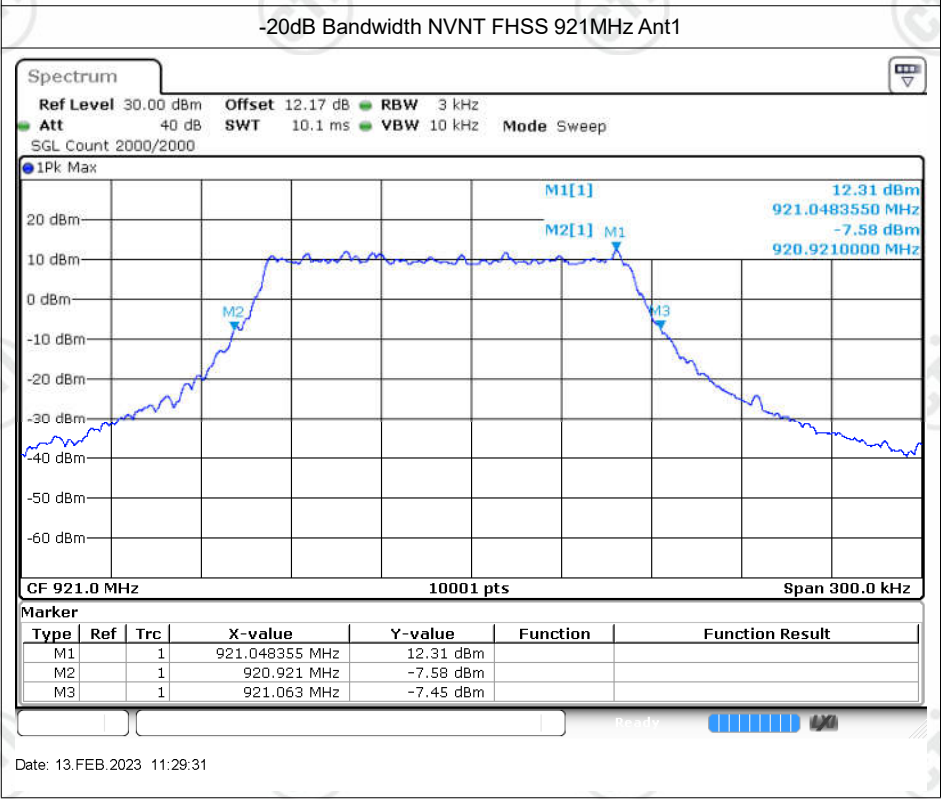


-20dB Bandwidth

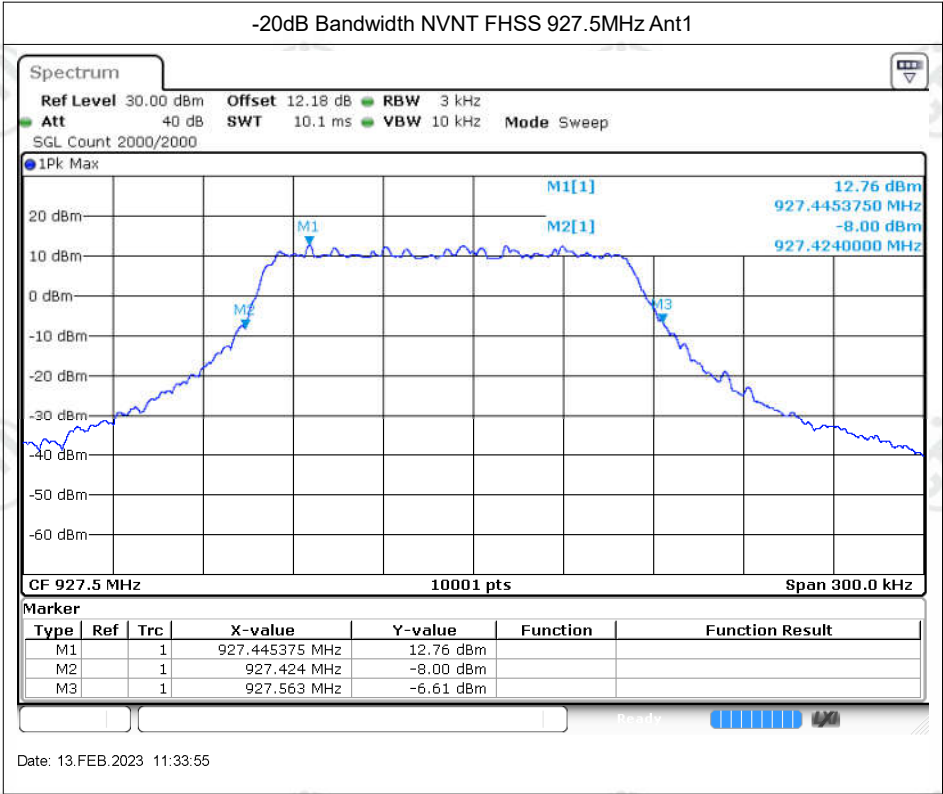
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	FHSS	915.25	Ant1	0.14	---	Pass
NVNT	FHSS	921	Ant1	0.142	---	Pass
NVNT	FHSS	927.5	Ant1	0.139	---	Pass



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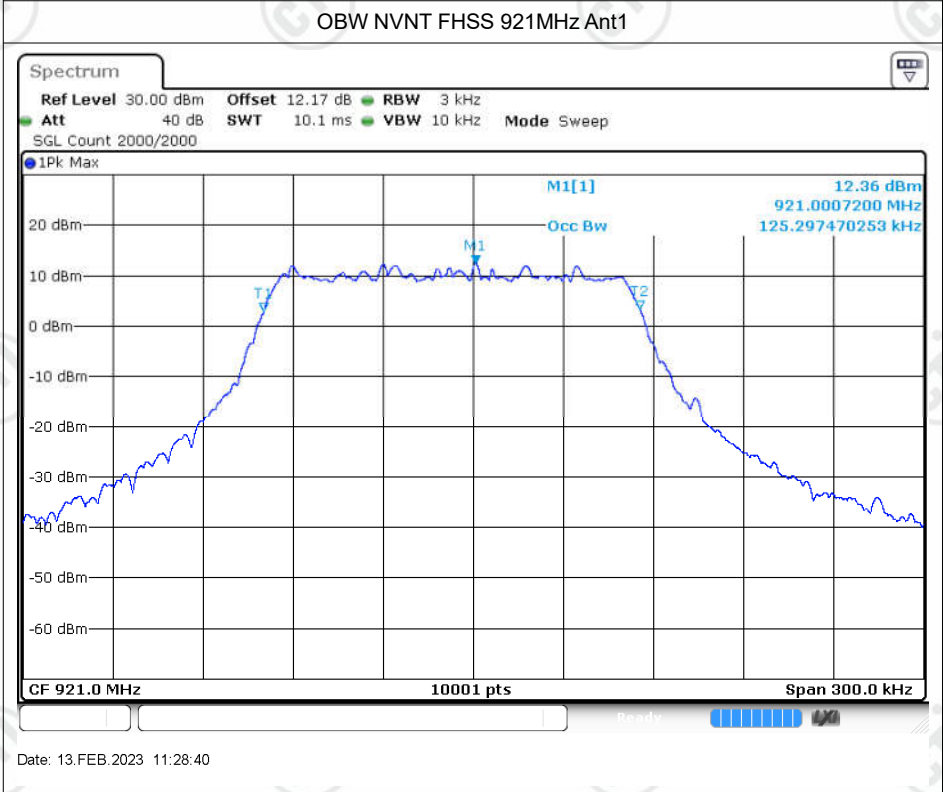
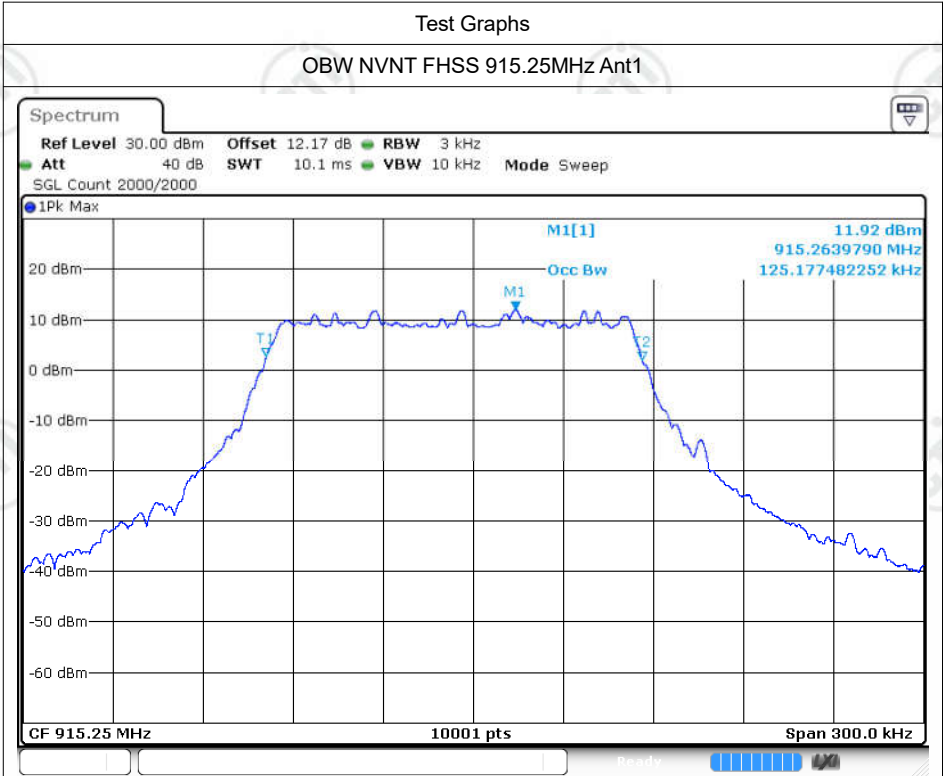


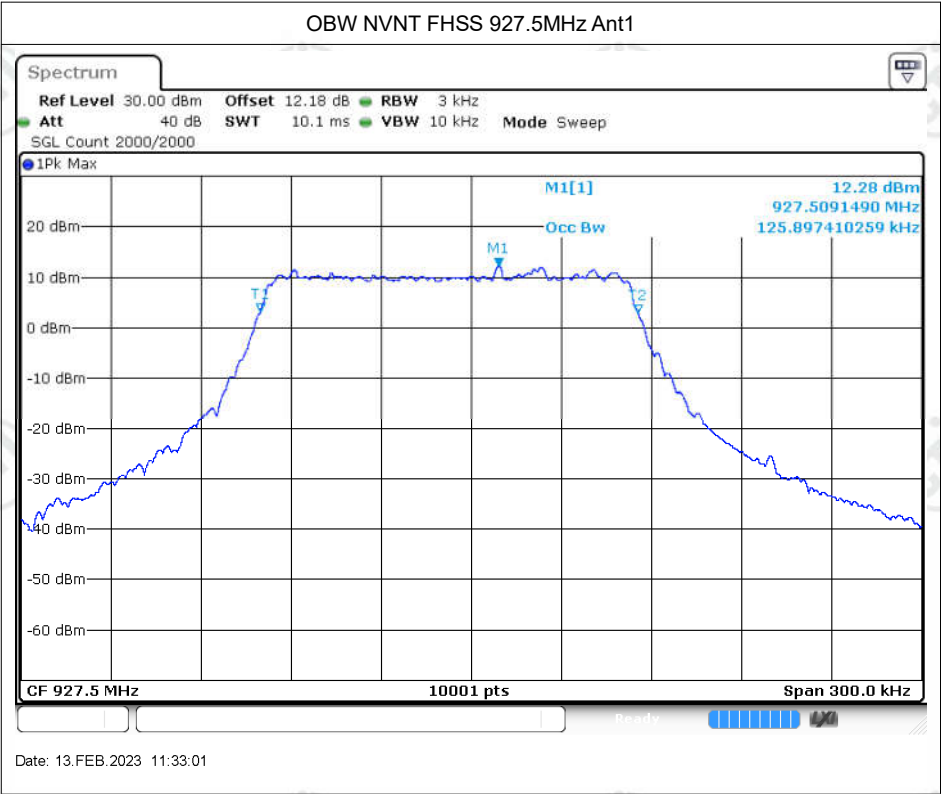
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Occupied Channel Bandwidth

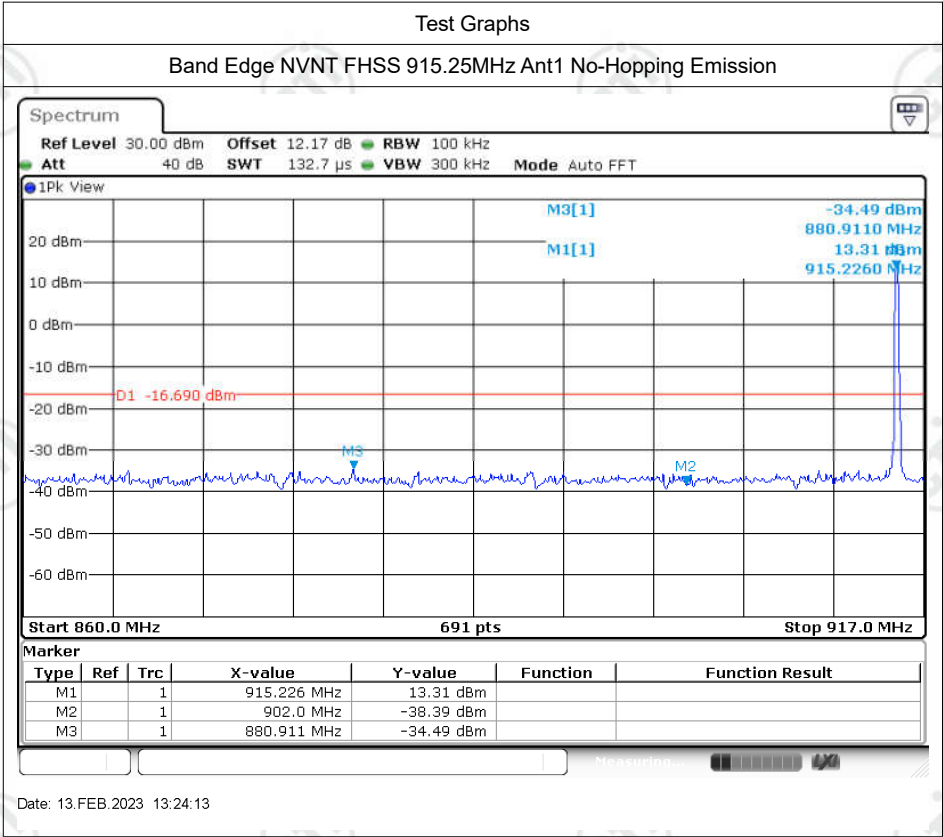
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	FHSS	915.25	Ant1	0.125
NVNT	FHSS	921	Ant1	0.125
NVNT	FHSS	927.5	Ant1	0.126

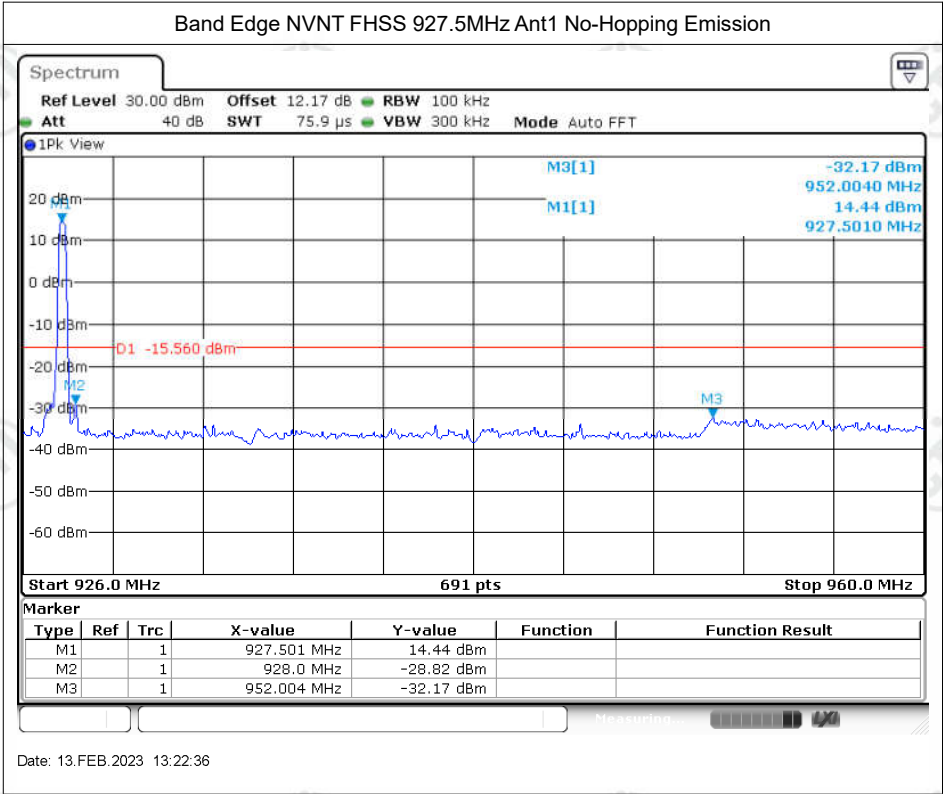




Band Edge

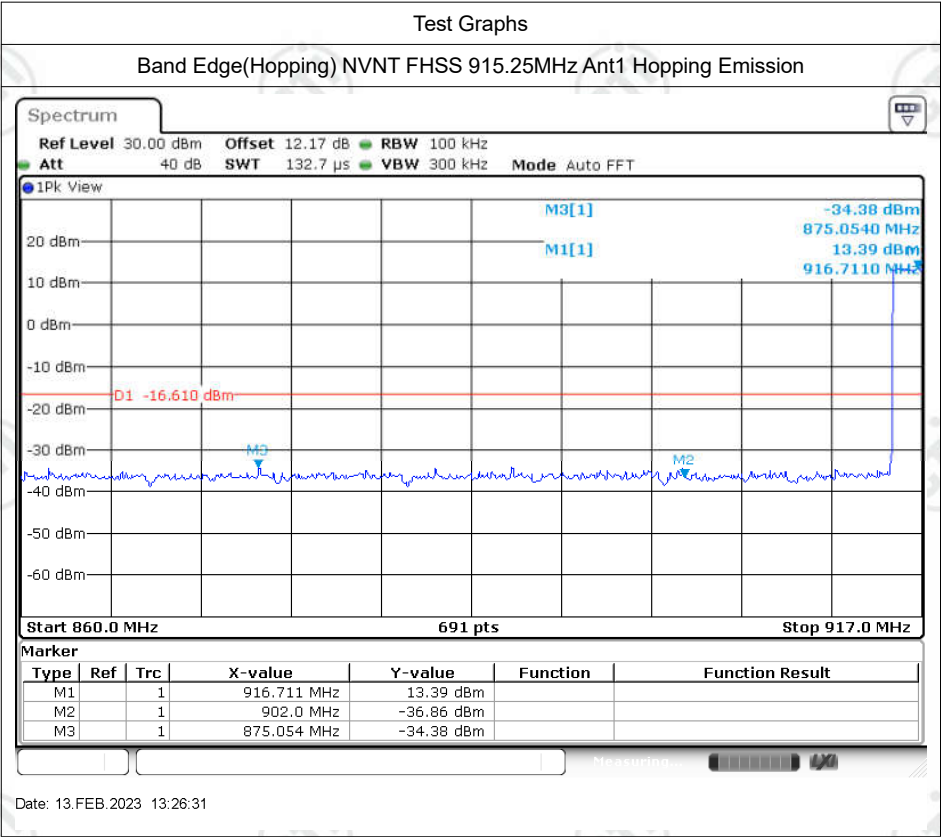
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	FHSS	915.25	Ant1	No-Hopping	-38.39	-16.69	Pass
NVNT	FHSS	927.5	Ant1	No-Hopping	-28.82	-15.56	Pass

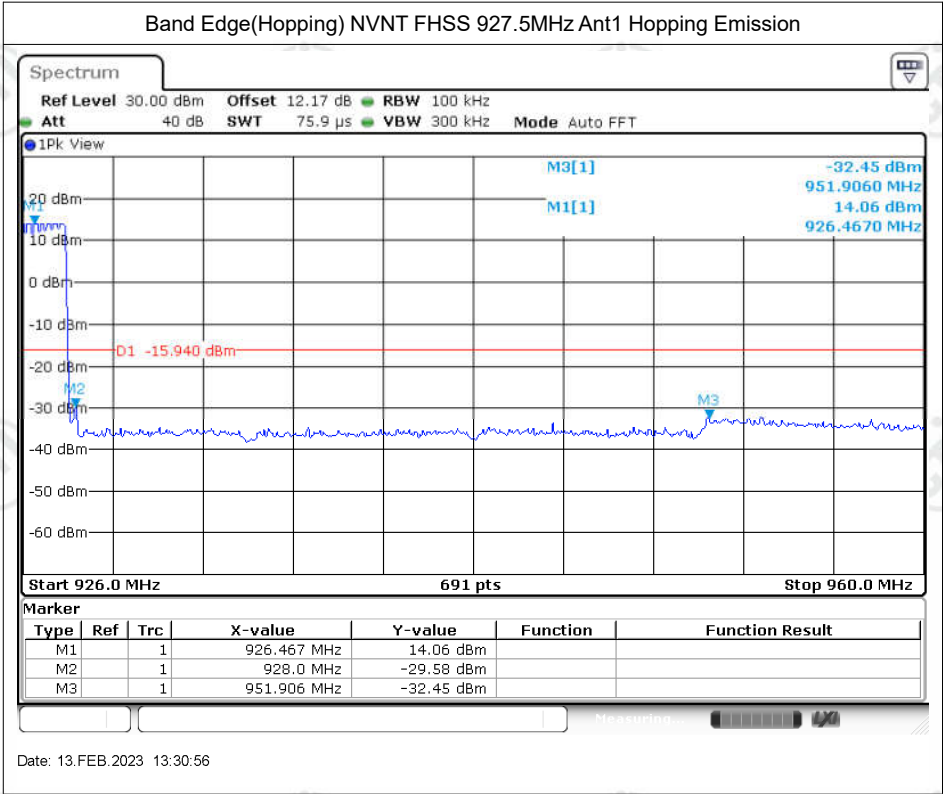




Band Edge(Hopping)

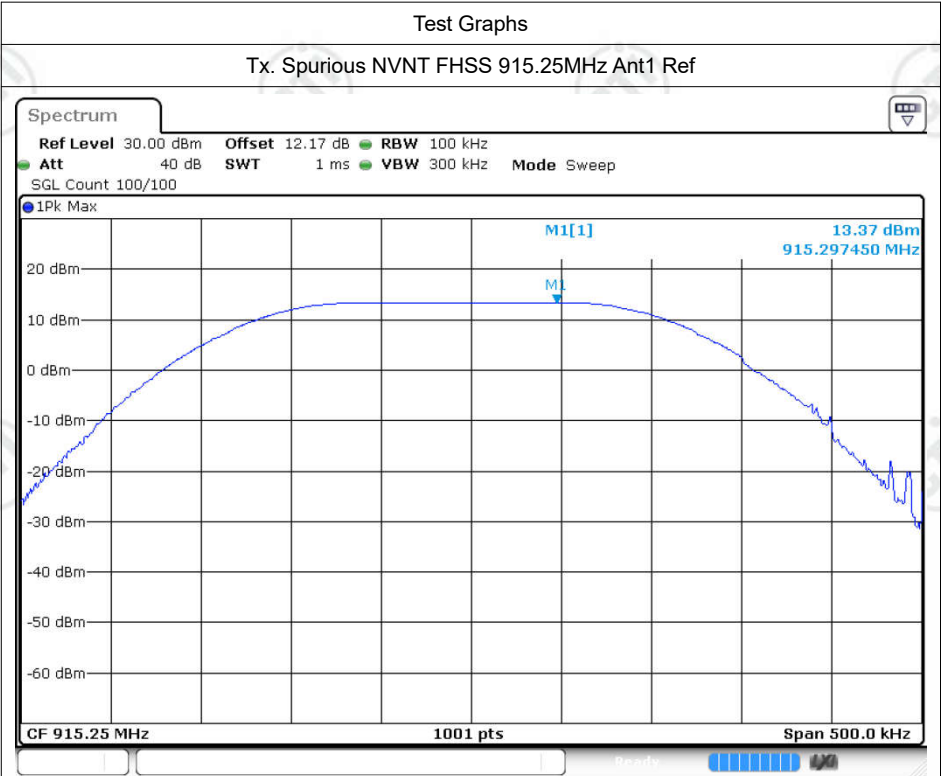
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	FHSS	915.25	Ant1	Hopping	-36.86	-16.61	Pass
NVNT	FHSS	927.5	Ant1	Hopping	-29.58	-15.94	Pass



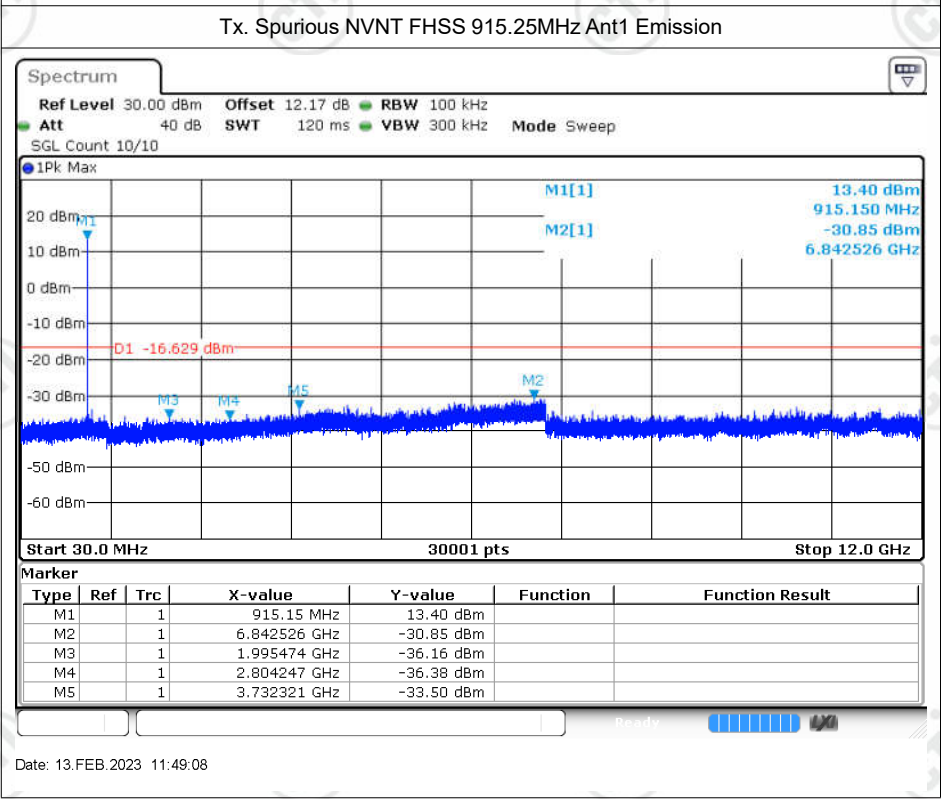


Conducted RF Spurious Emission

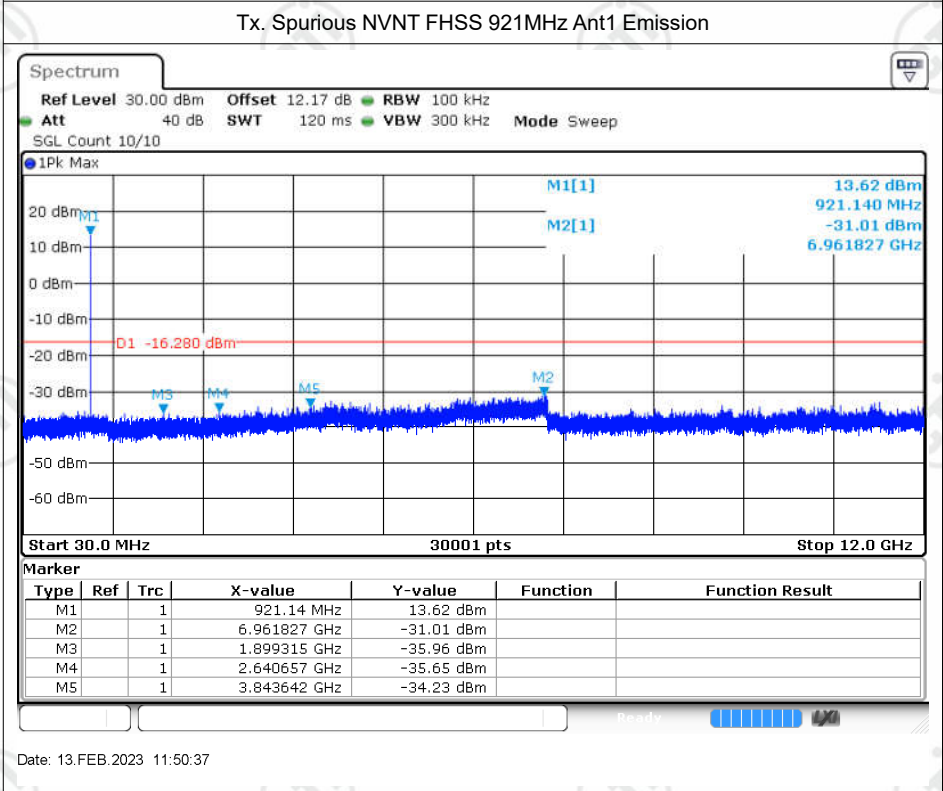
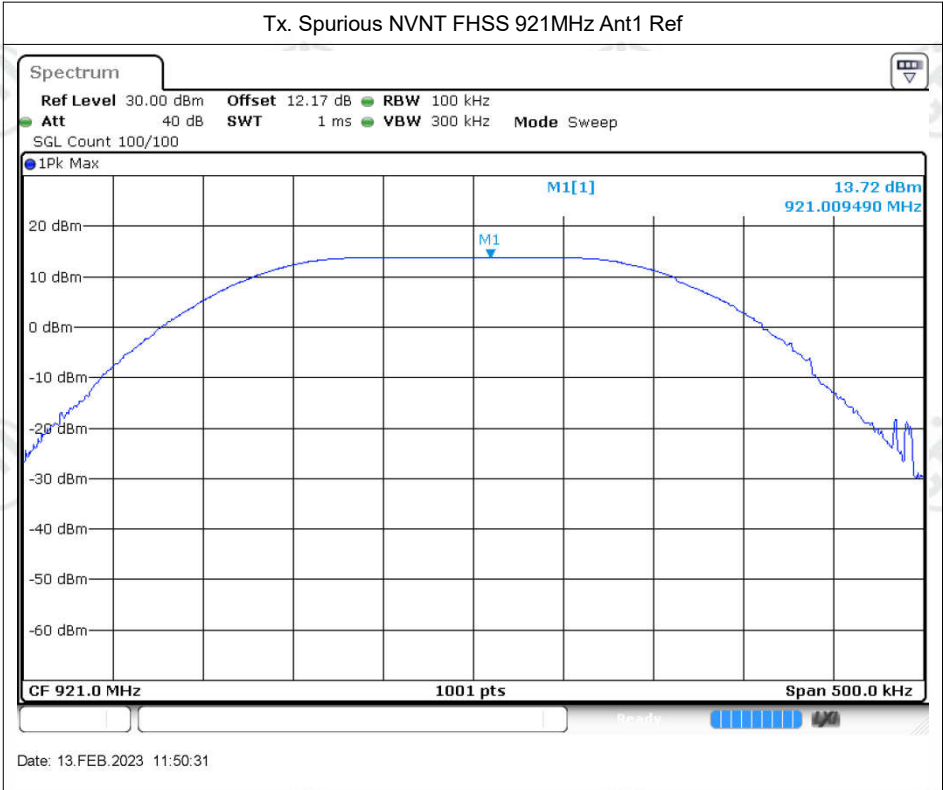
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	FHSS	915.25	Ant1	-30.85	-16.629	Pass
NVNT	FHSS	921	Ant1	-31.01	-16.28	Pass
NVNT	FHSS	927.5	Ant1	-33.38	-15.929	Pass

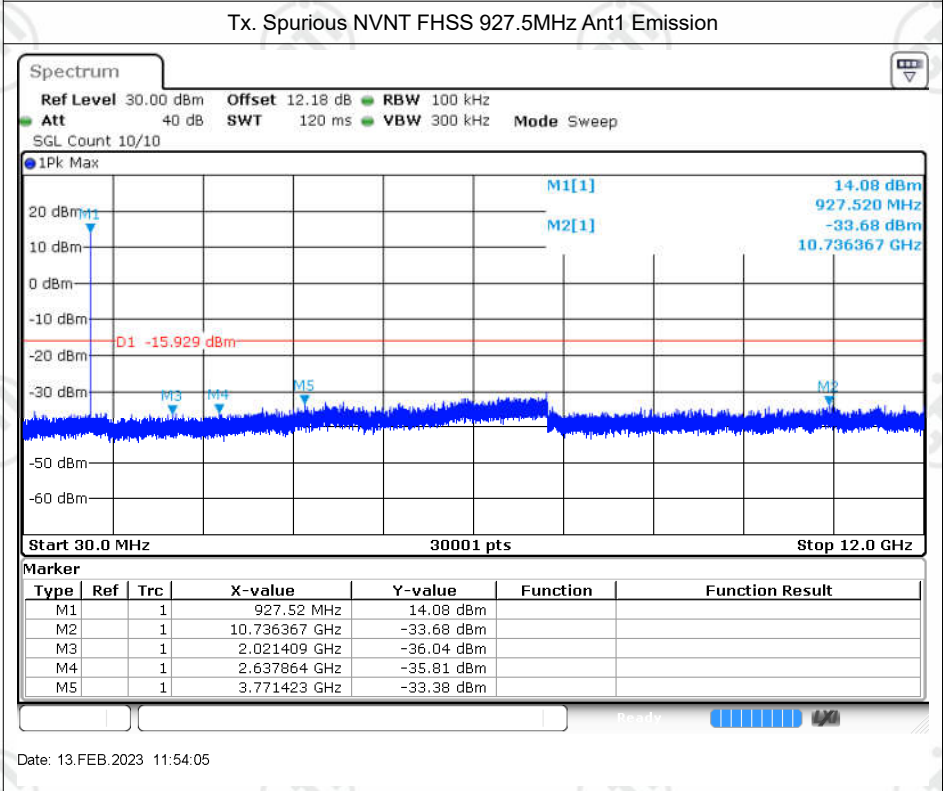
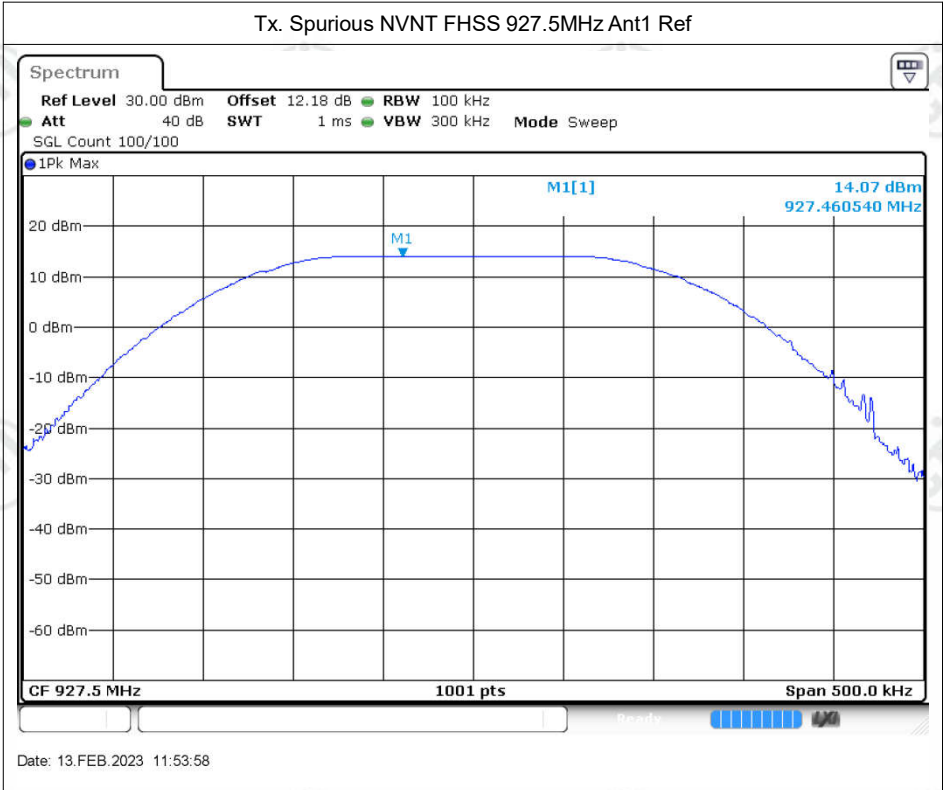


Date: 13.FEB.2023 11:49:02



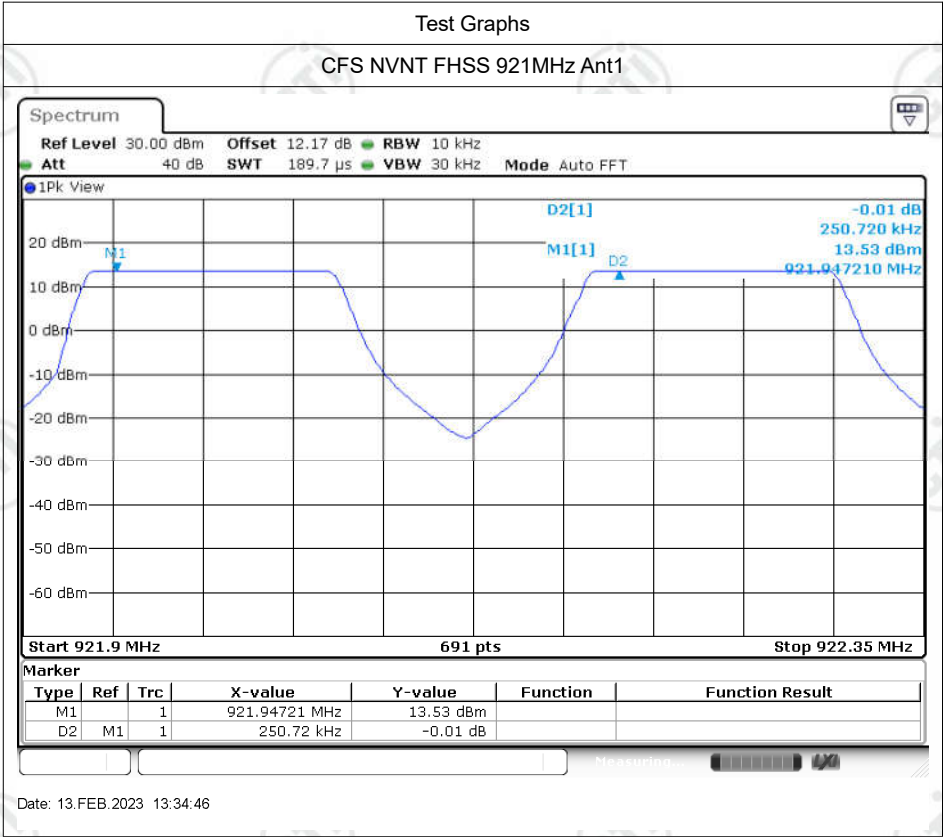
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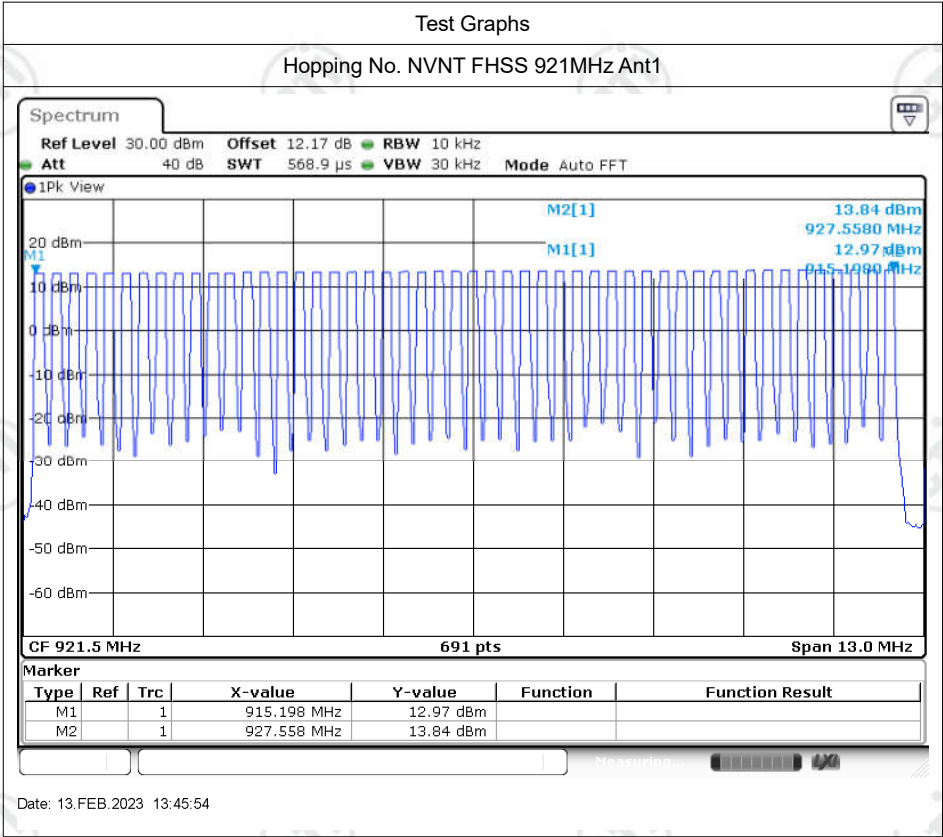
Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	FHSS	Ant1	921.947	922.198	0.251	0.14	Pass



Number of Hopping Channel

Condition	Mode	Antenna	Hopping Number	Limit	Band Allocation (%)	Limit Band Allocation (%)	Verdict
NVNT	FHSS	Ant1	50	15	100	70	Pass



*** End of Report ***