

Appendix: LORA FHSS

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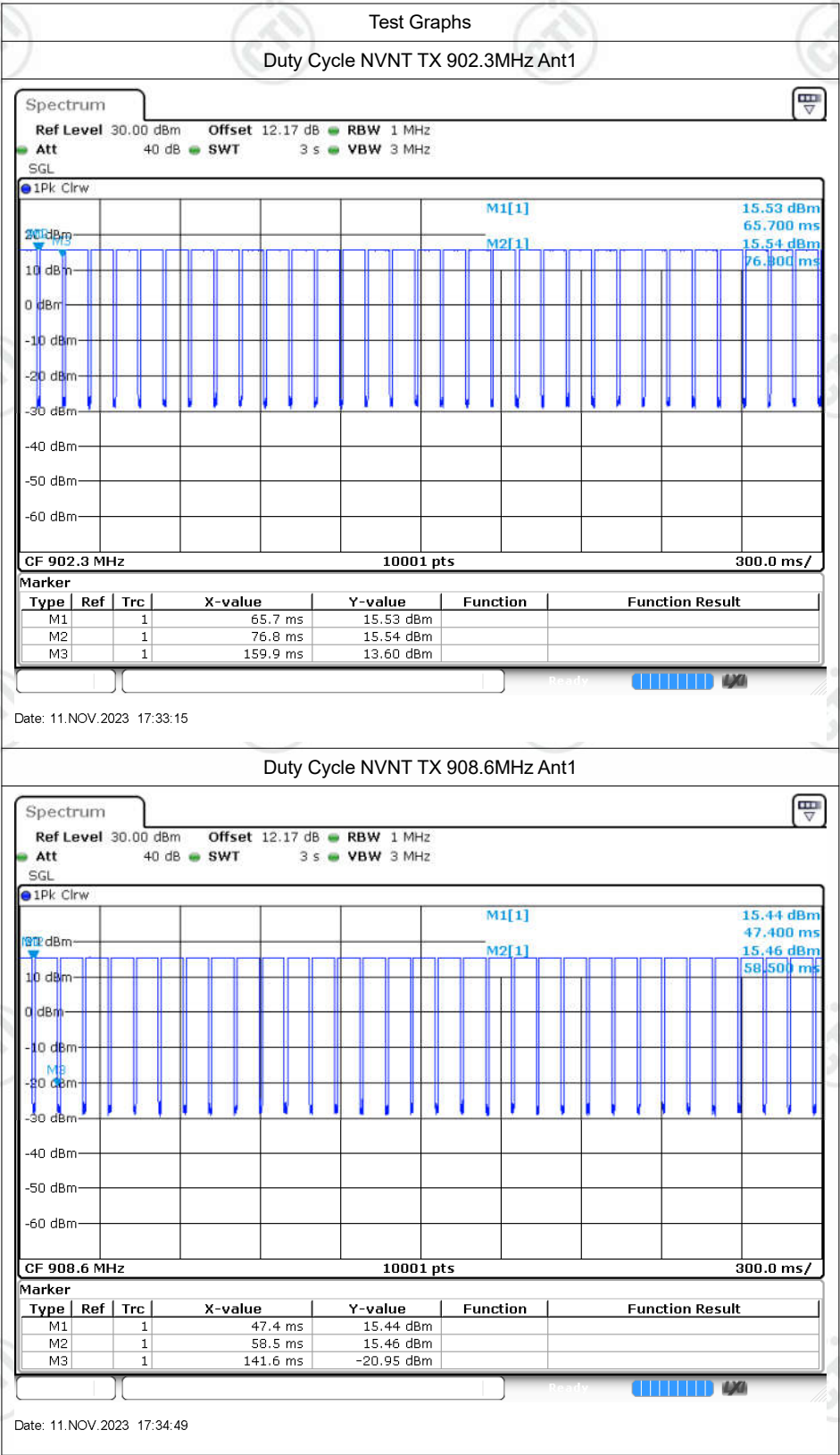
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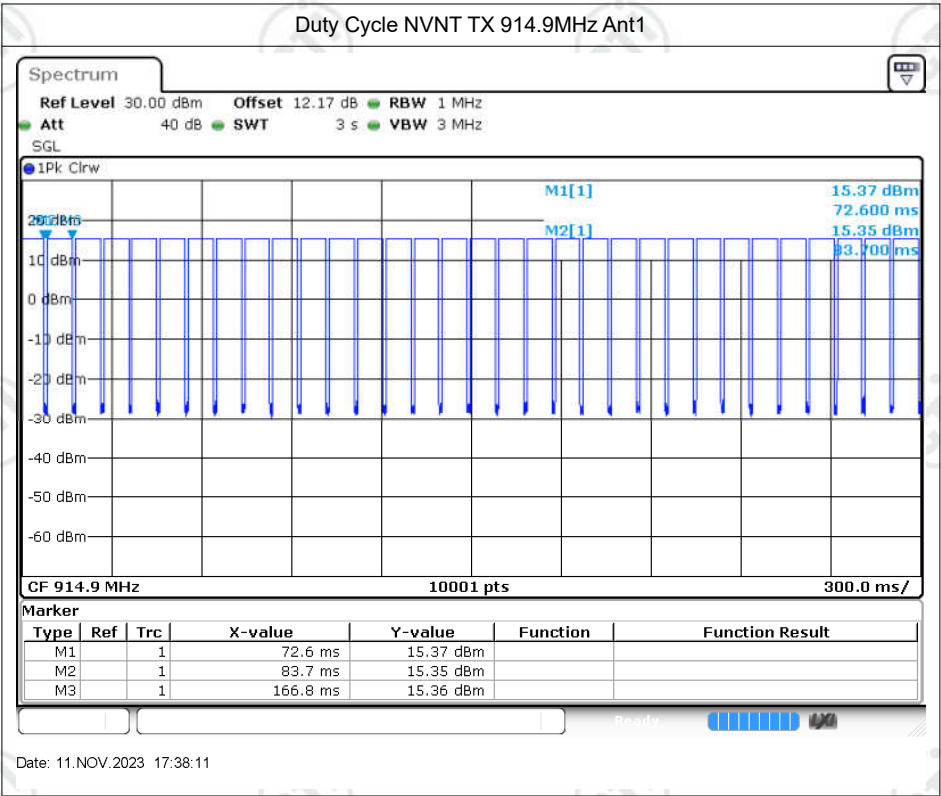
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Duty Cycle

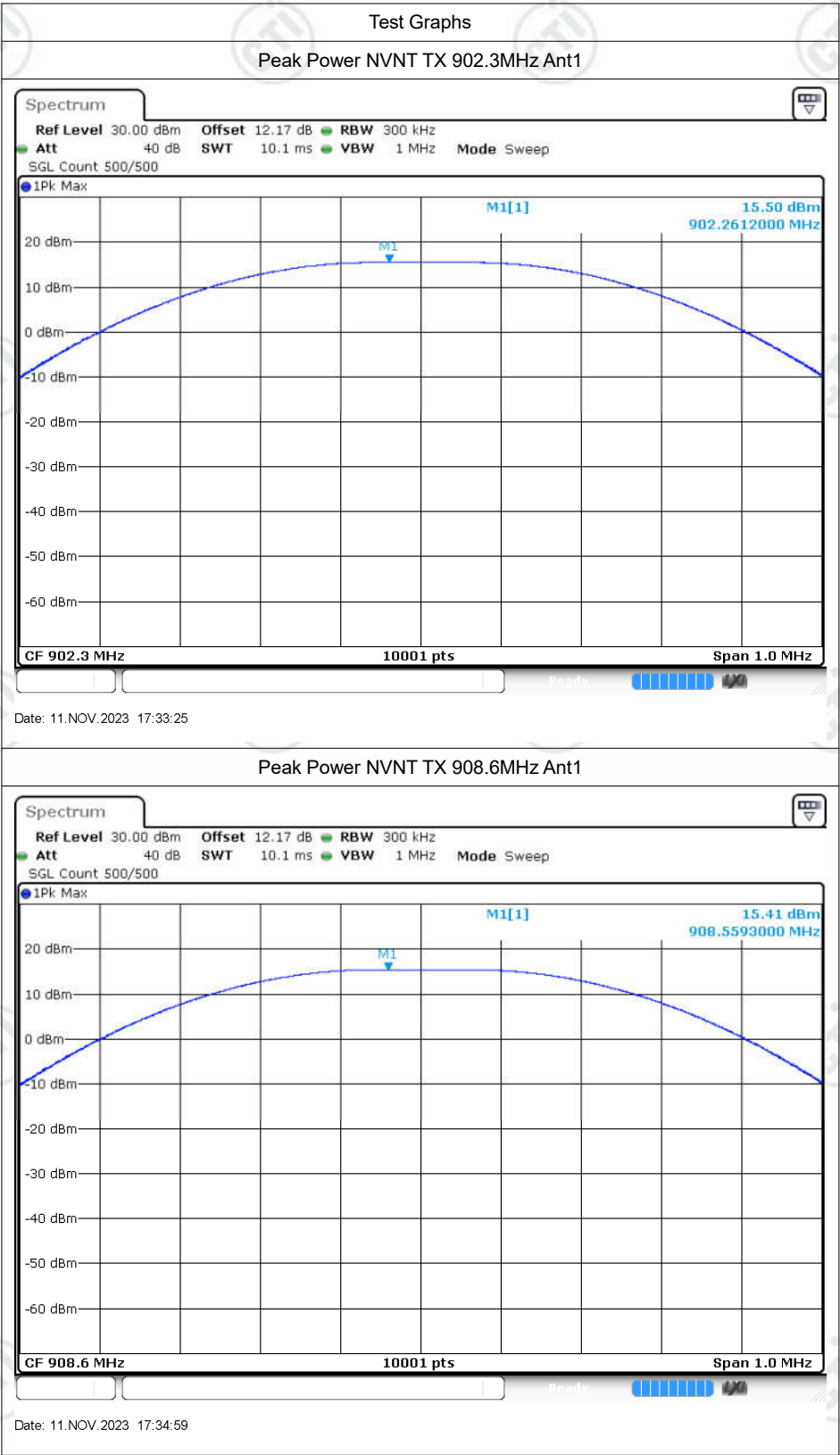
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	TX	902.3	Ant1	88.22	0.54	0.01
NVNT	TX	908.6	Ant1	88.22	0.54	0.01
NVNT	TX	914.9	Ant1	88.22	0.54	0.01

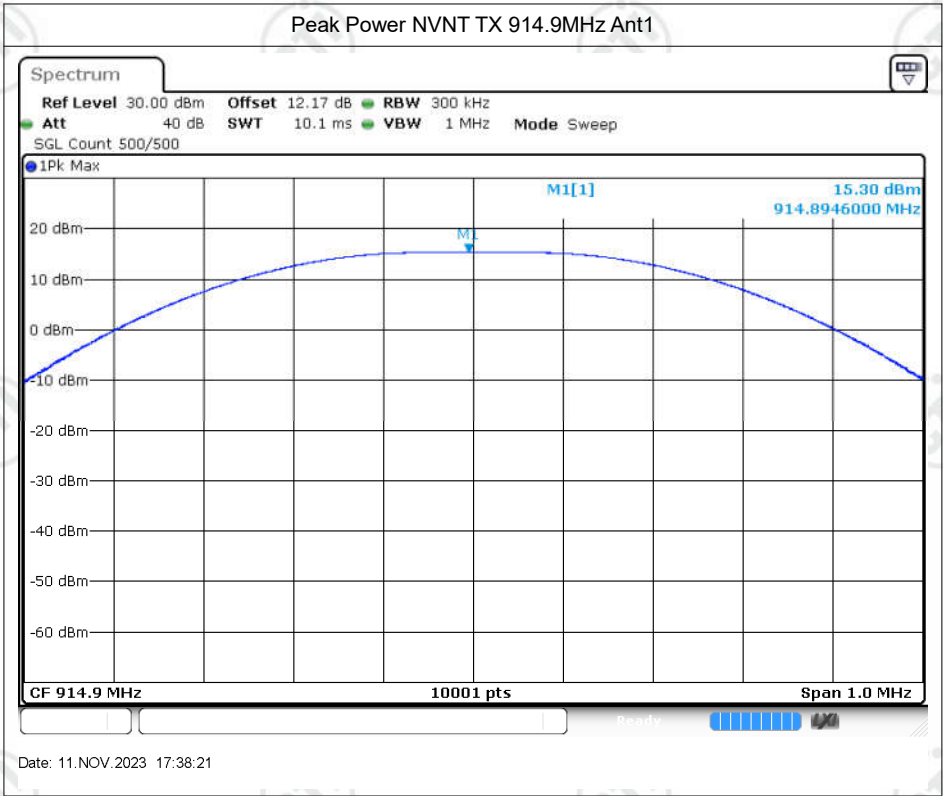




Maximum Peak Conducted Output Power

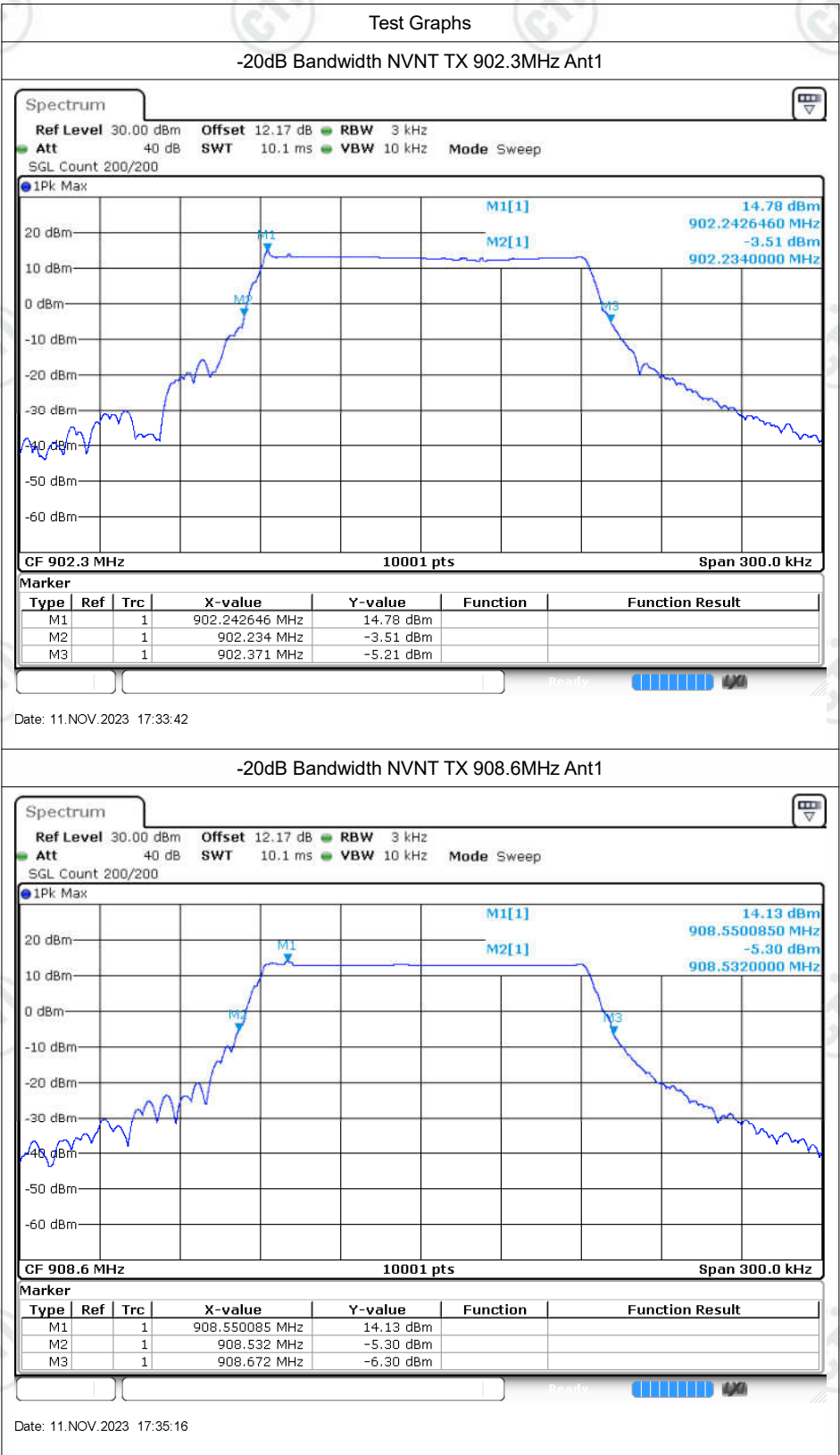
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	\Limit (dBm)	Verdict
NVNT	TX	902.3	Ant1	15.5	30	Pass
NVNT	TX	908.6	Ant1	15.41	30	Pass
NVNT	TX	914.9	Ant1	15.3	30	Pass

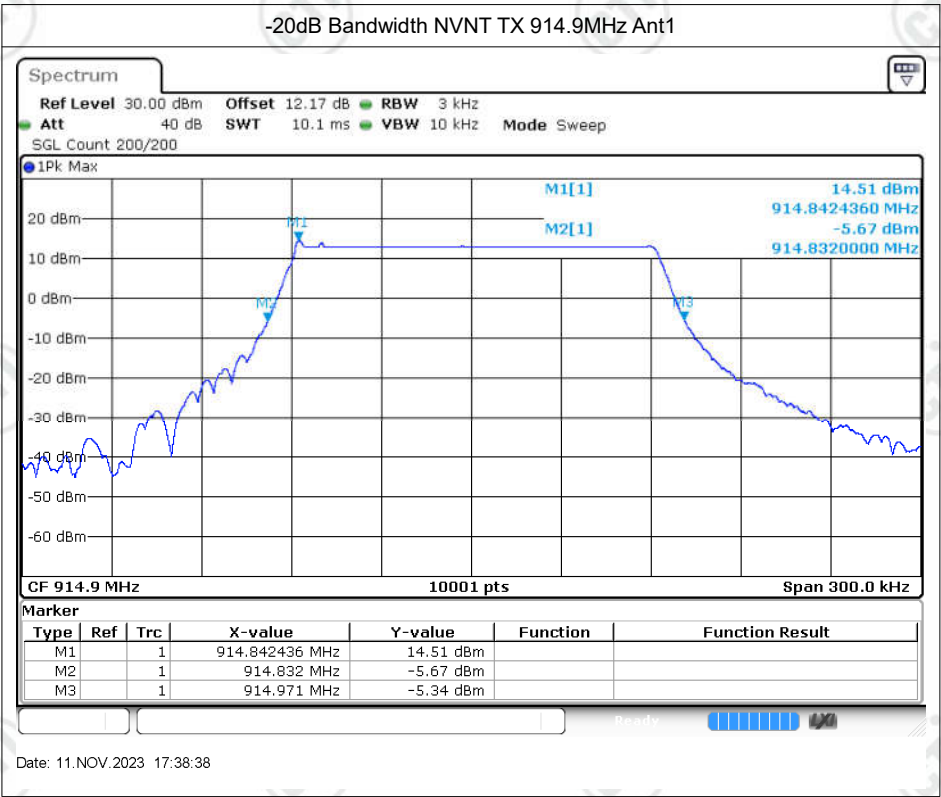




-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	TX	902.3	Ant1	0.137	0	Pass
NVNT	TX	908.6	Ant1	0.14	0	Pass
NVNT	TX	914.9	Ant1	0.139	0	Pass

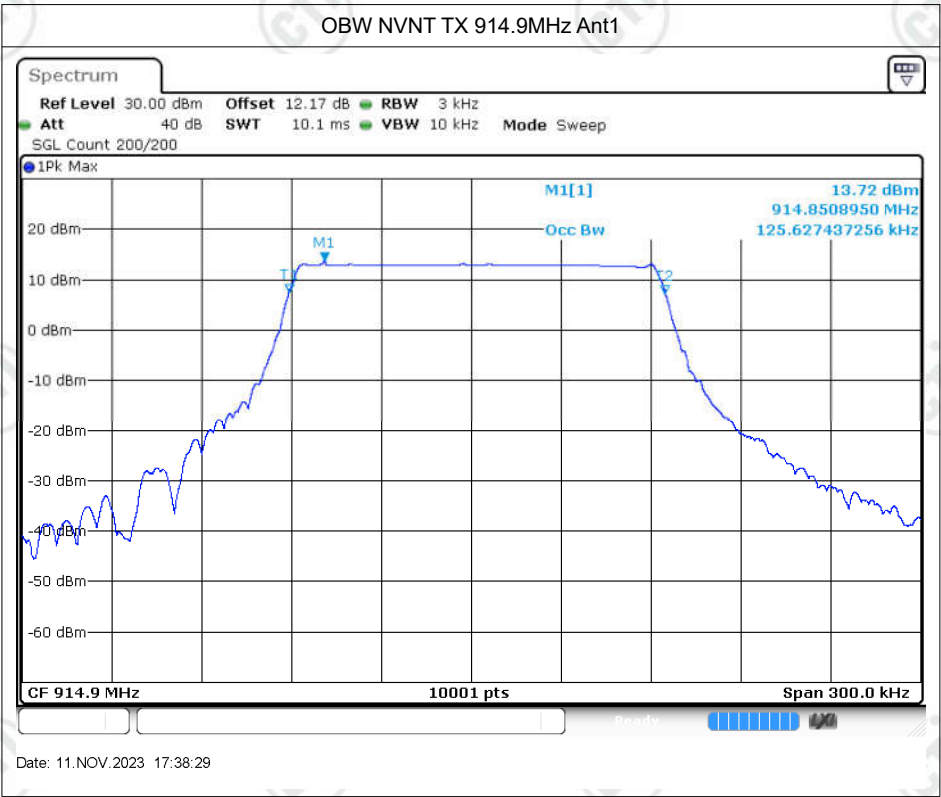




Occupied Channel Bandwidth

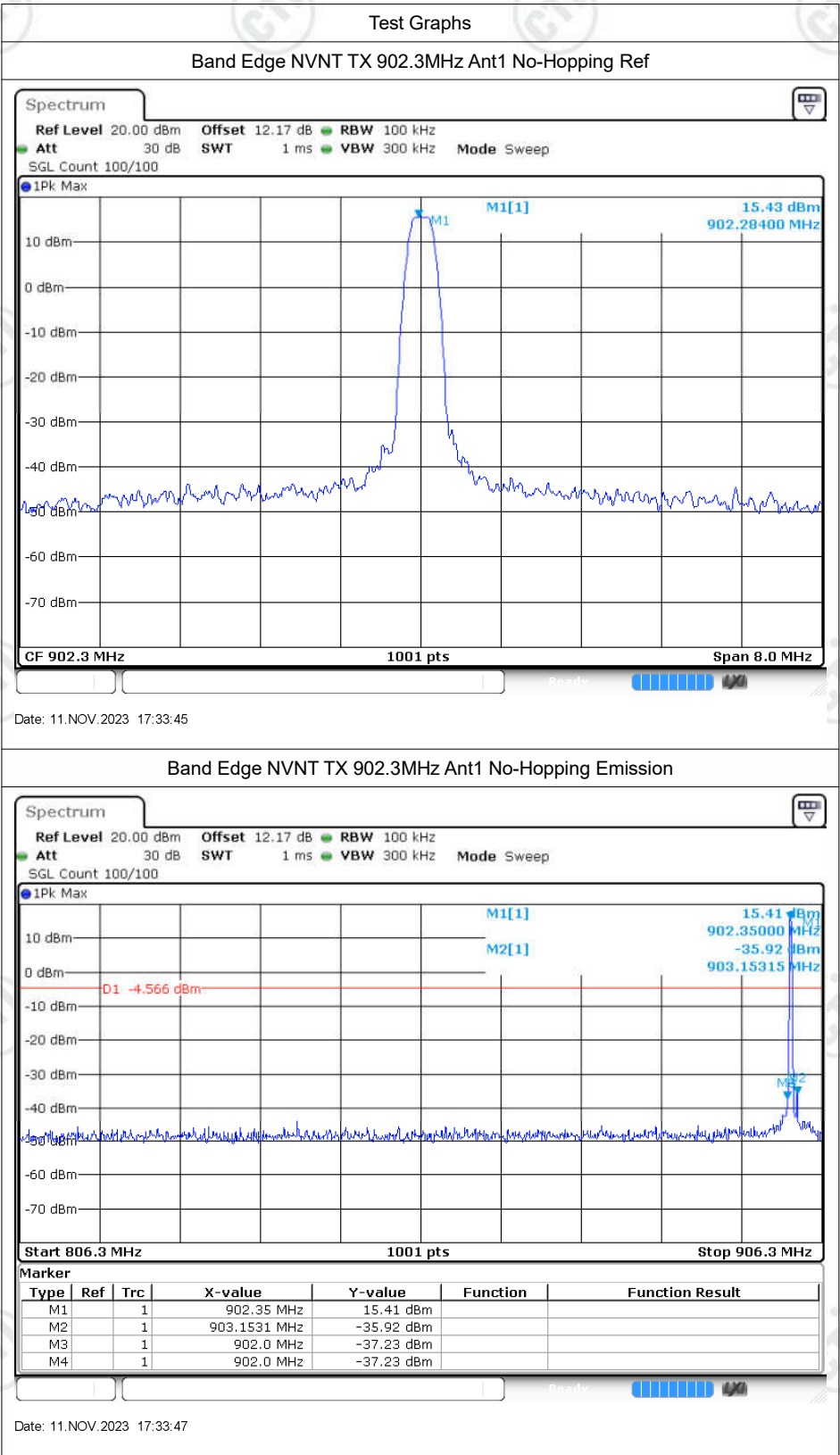
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	TX	902.3	Ant1	0.126
NVNT	TX	908.6	Ant1	0.126
NVNT	TX	914.9	Ant1	0.126

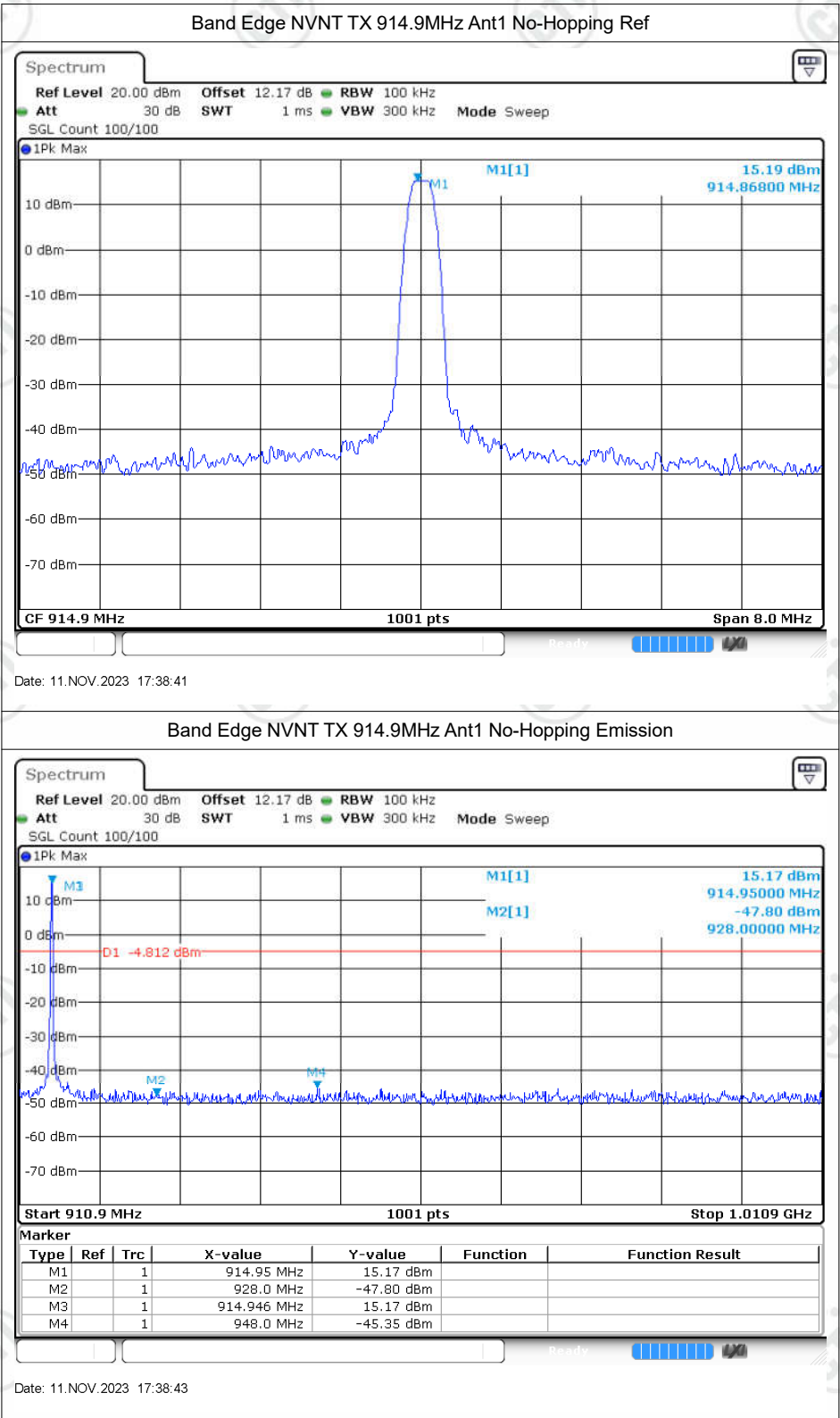




Band Edge

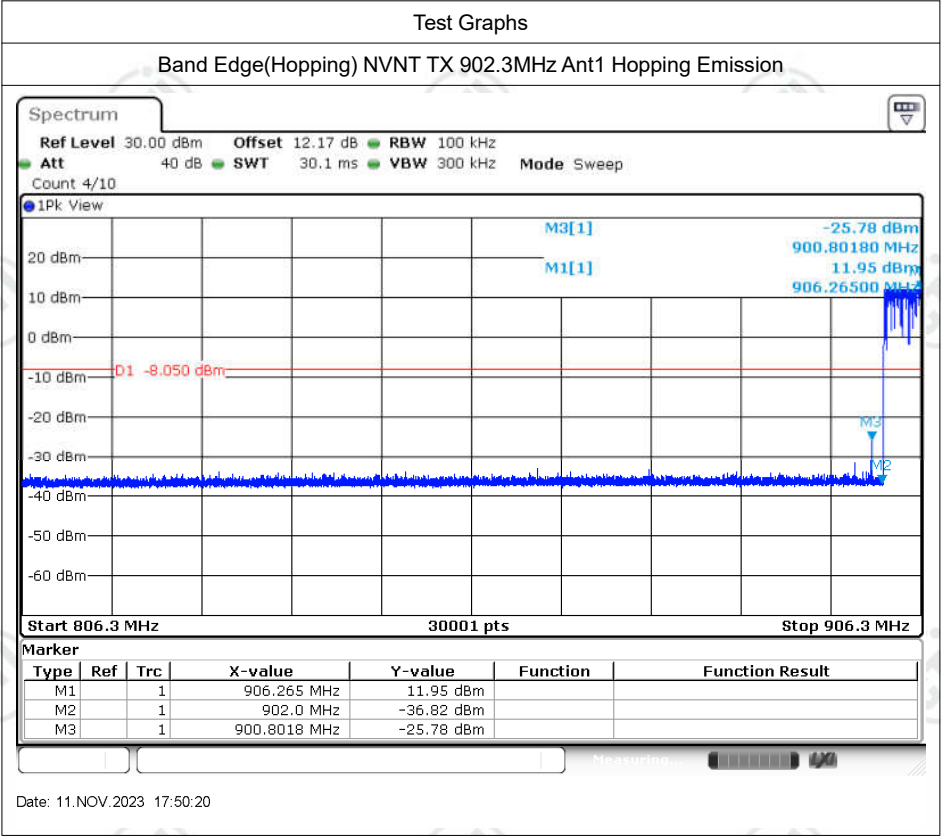
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	TX	902.3	Ant1	No-Hopping	-52.66	-20	Pass
NVNT	TX	914.9	Ant1	No-Hopping	-60.53	-20	Pass

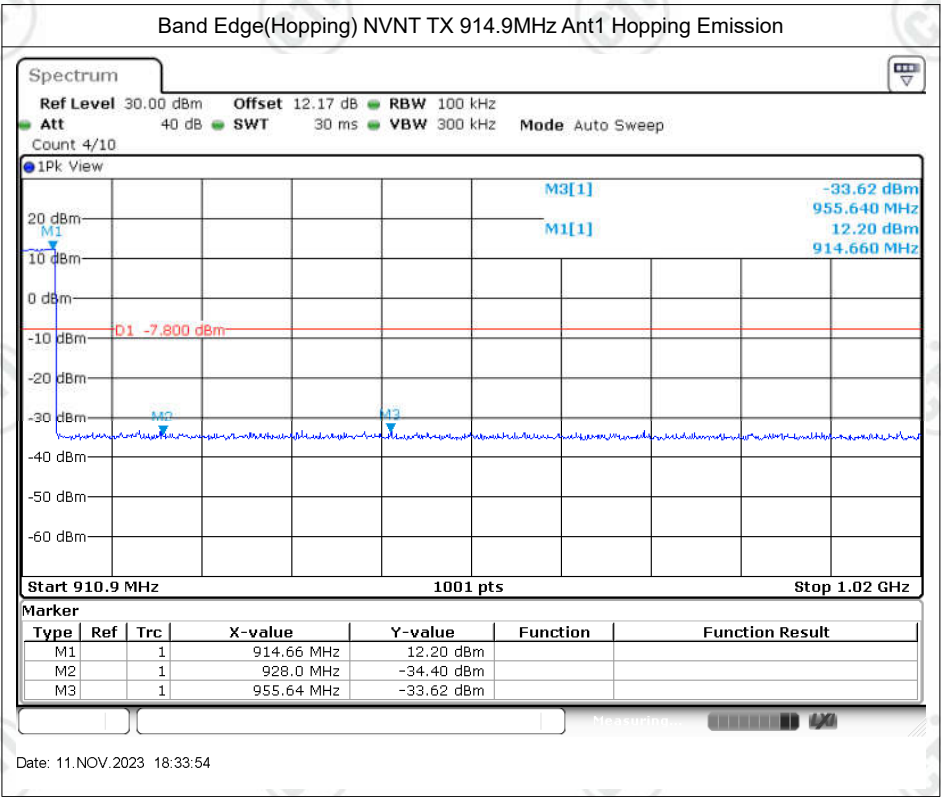




Band Edge(Hopping)

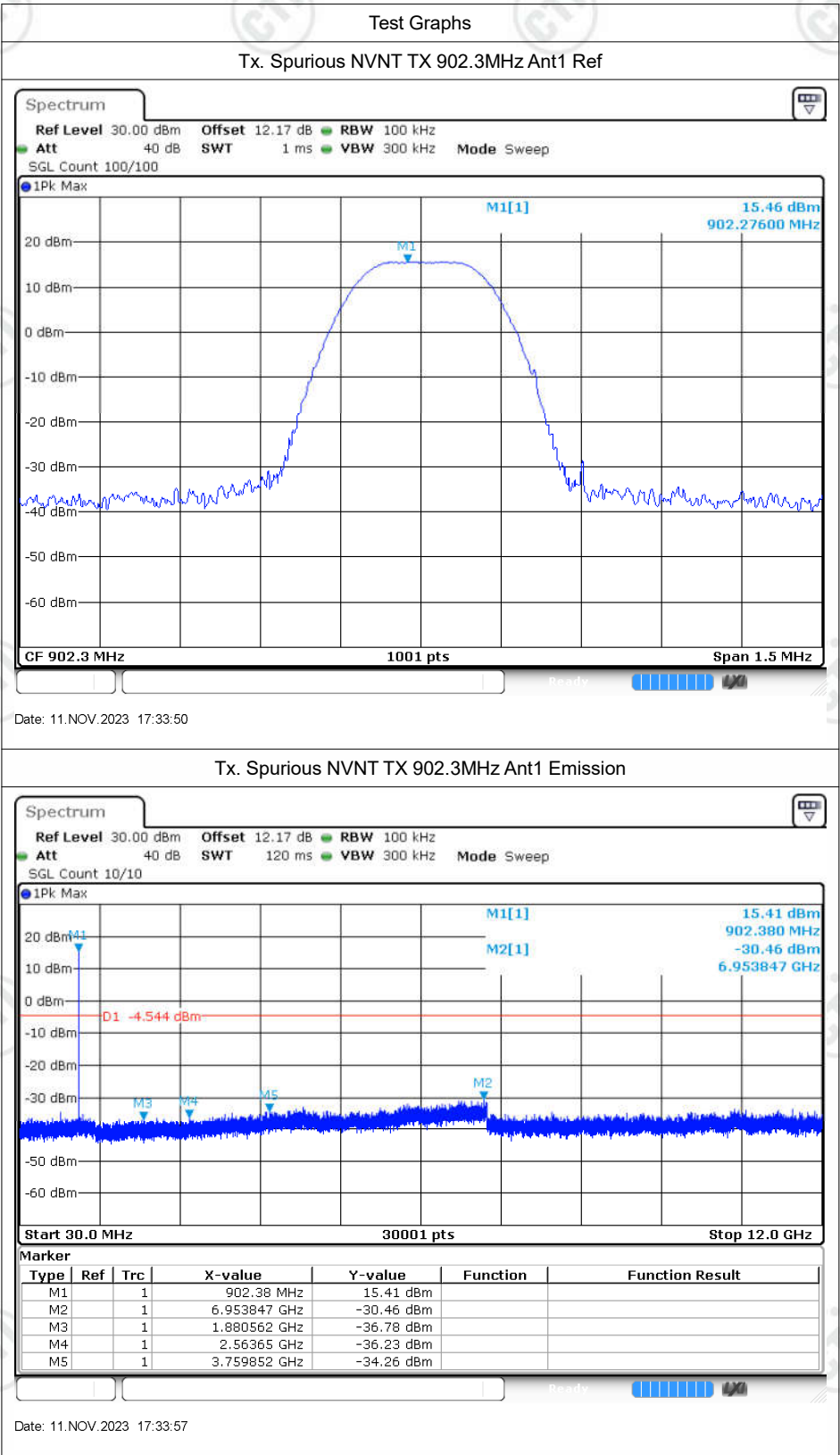
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	TX	902.3	Ant1	Hopping	-37.23	-20	Pass
NVNT	TX	914.9	Ant1	Hopping	-45.82	-20	Pass

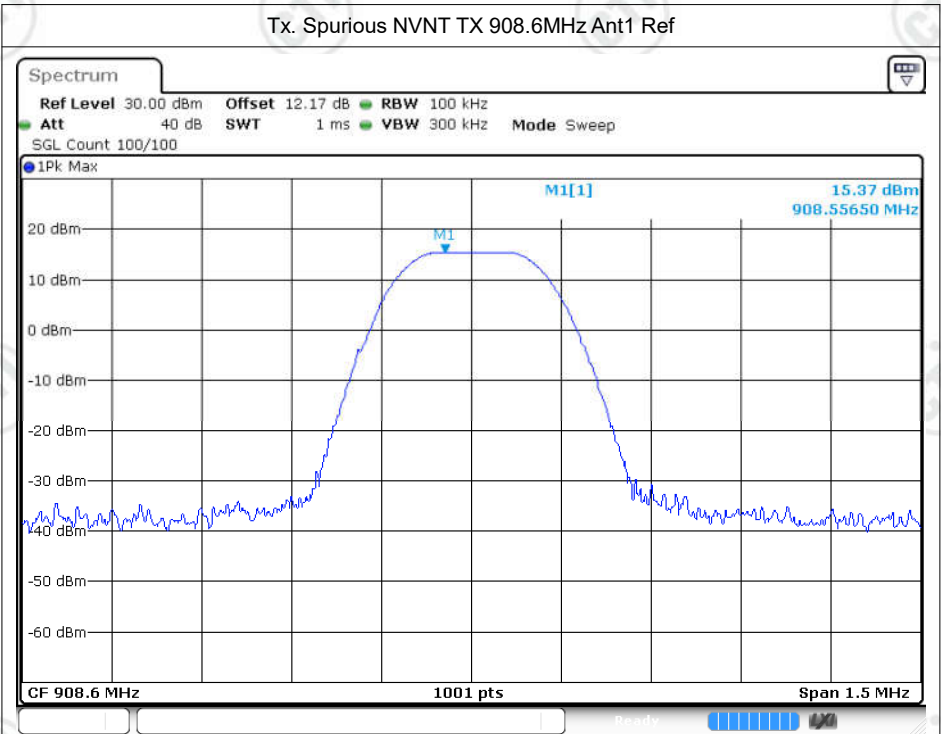




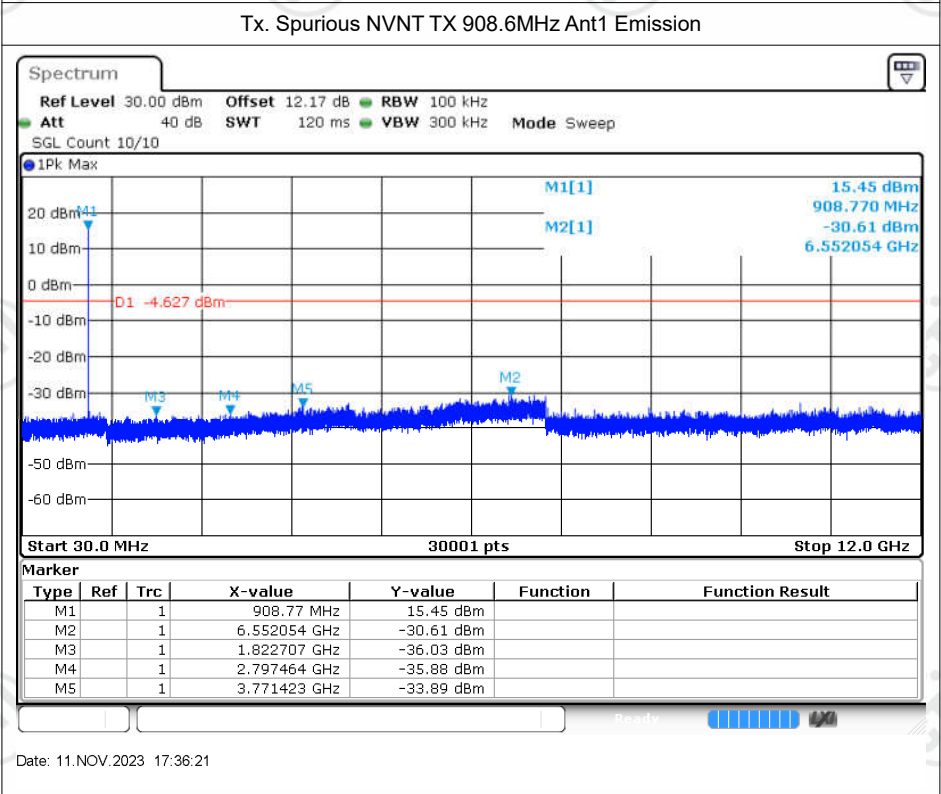
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	TX	902.3	Ant1	-45.92	-20	Pass
NVNT	TX	908.6	Ant1	-45.97	-20	Pass
NVNT	TX	914.9	Ant1	-48.44	-20	Pass

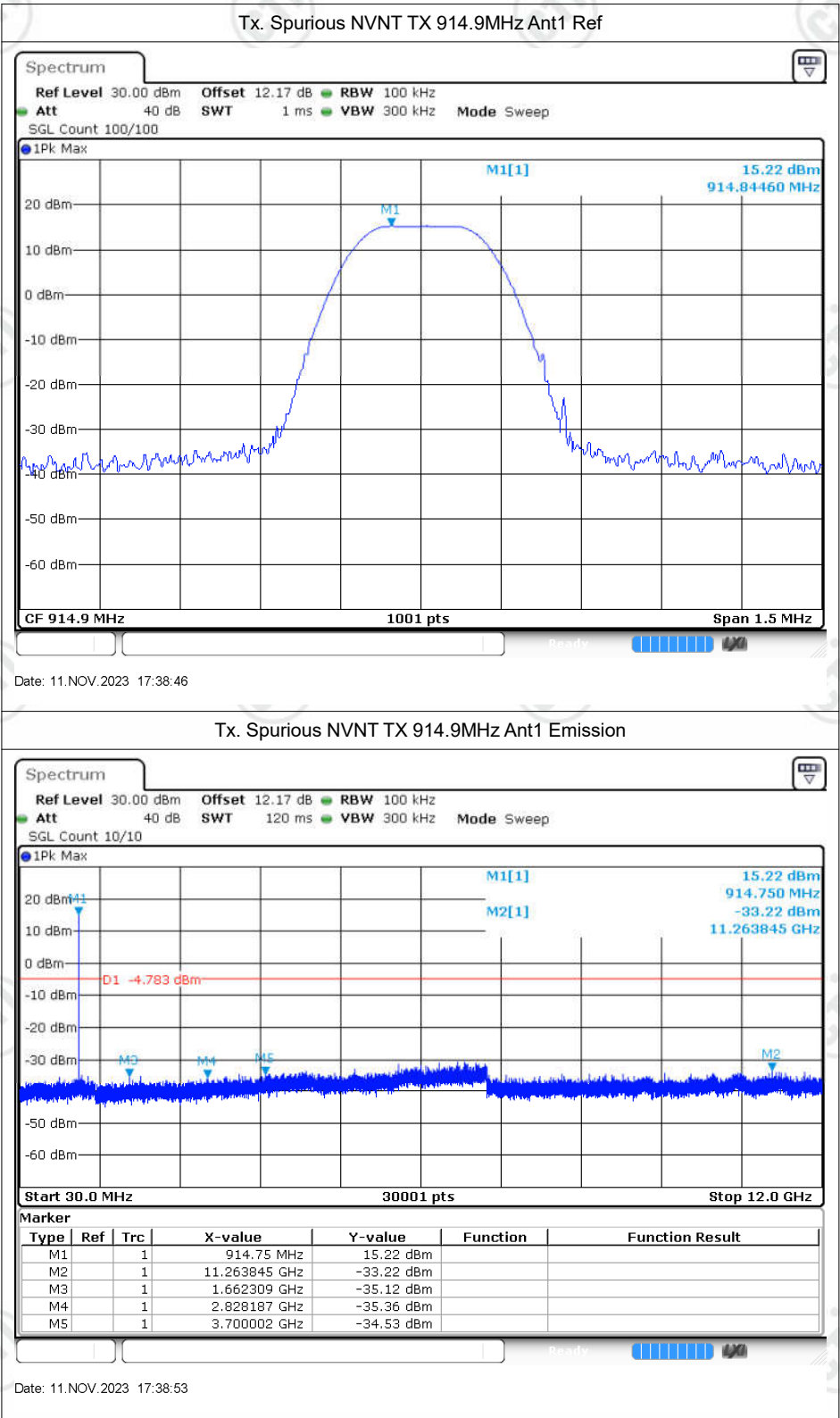




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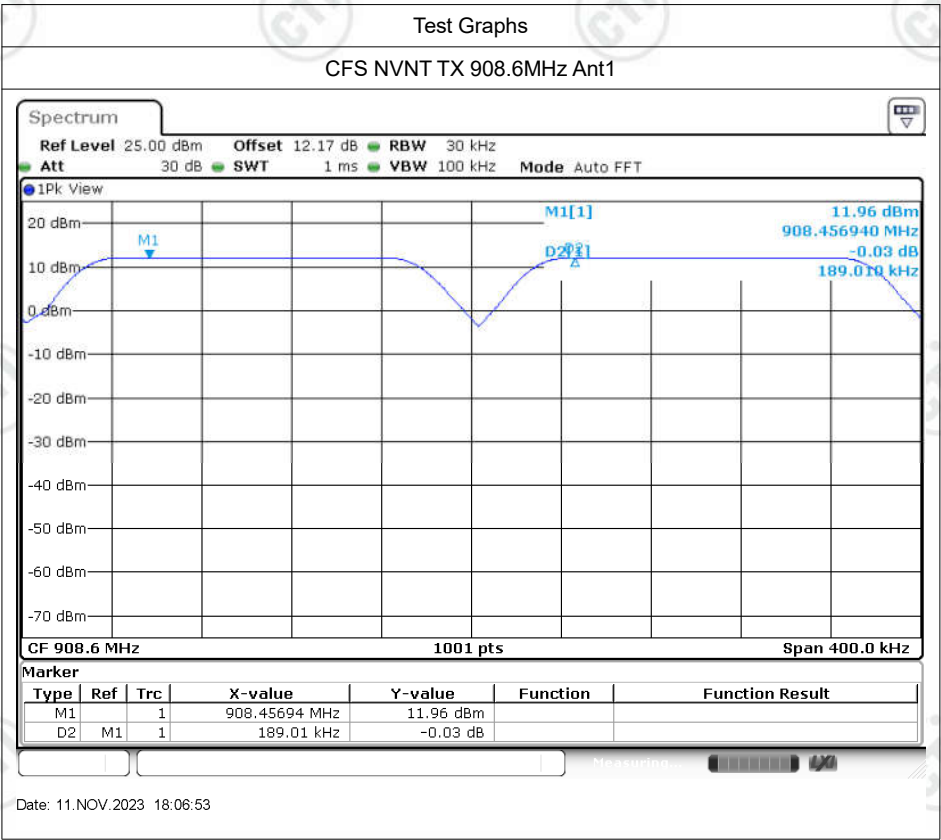


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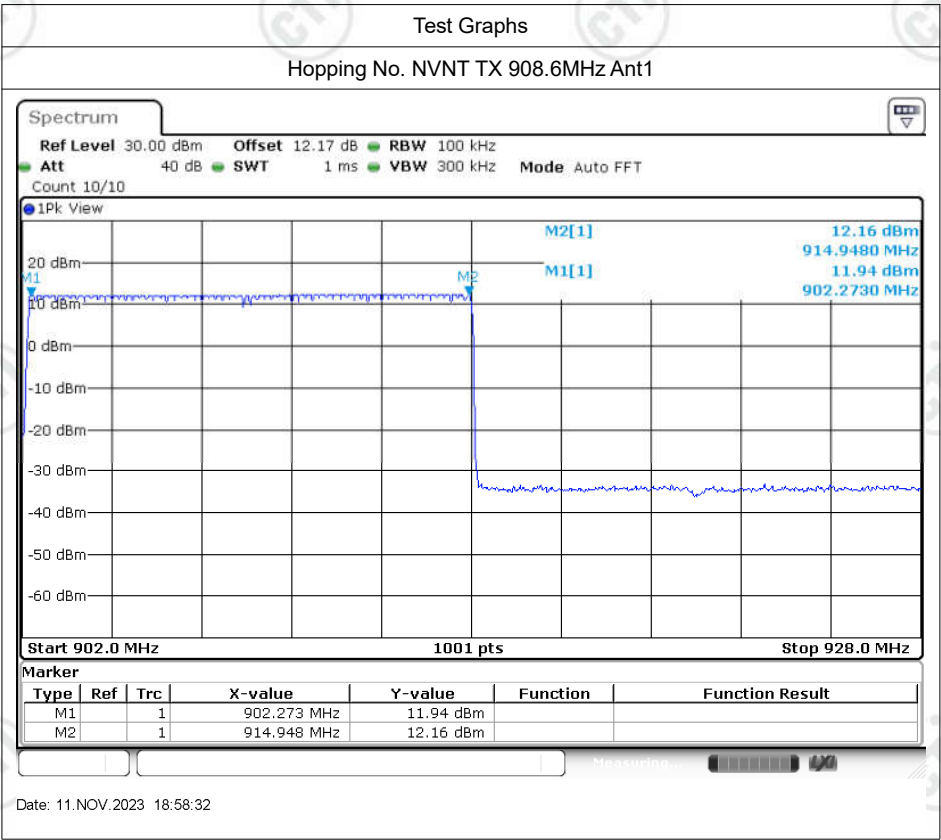
Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	TX	Ant1	908.4569	908.6459	0.189		Pass



Number of Hopping Channel

Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	TX	Ant1		15	Pass



END OF REPORT