

Appendix: DTS

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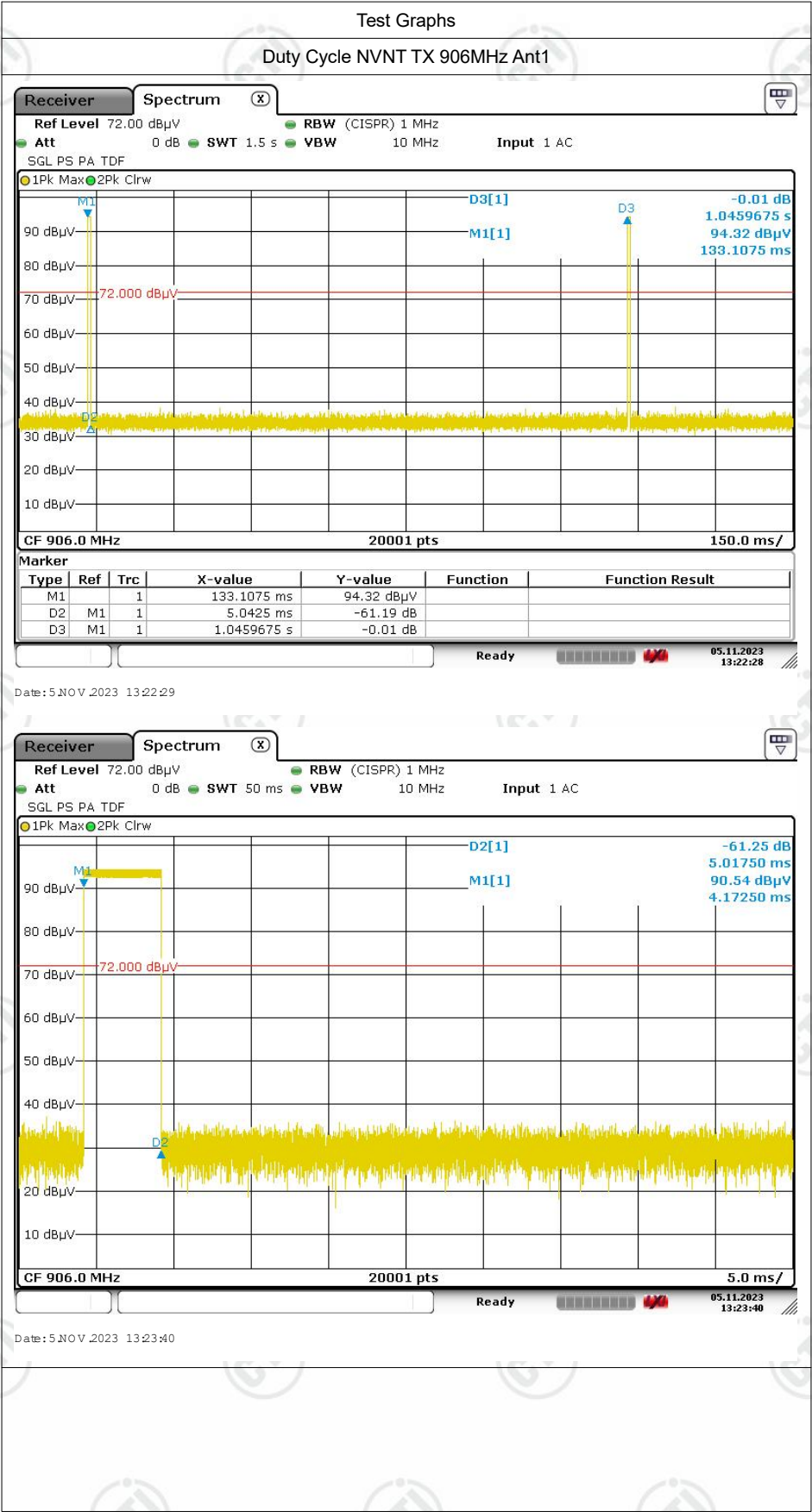
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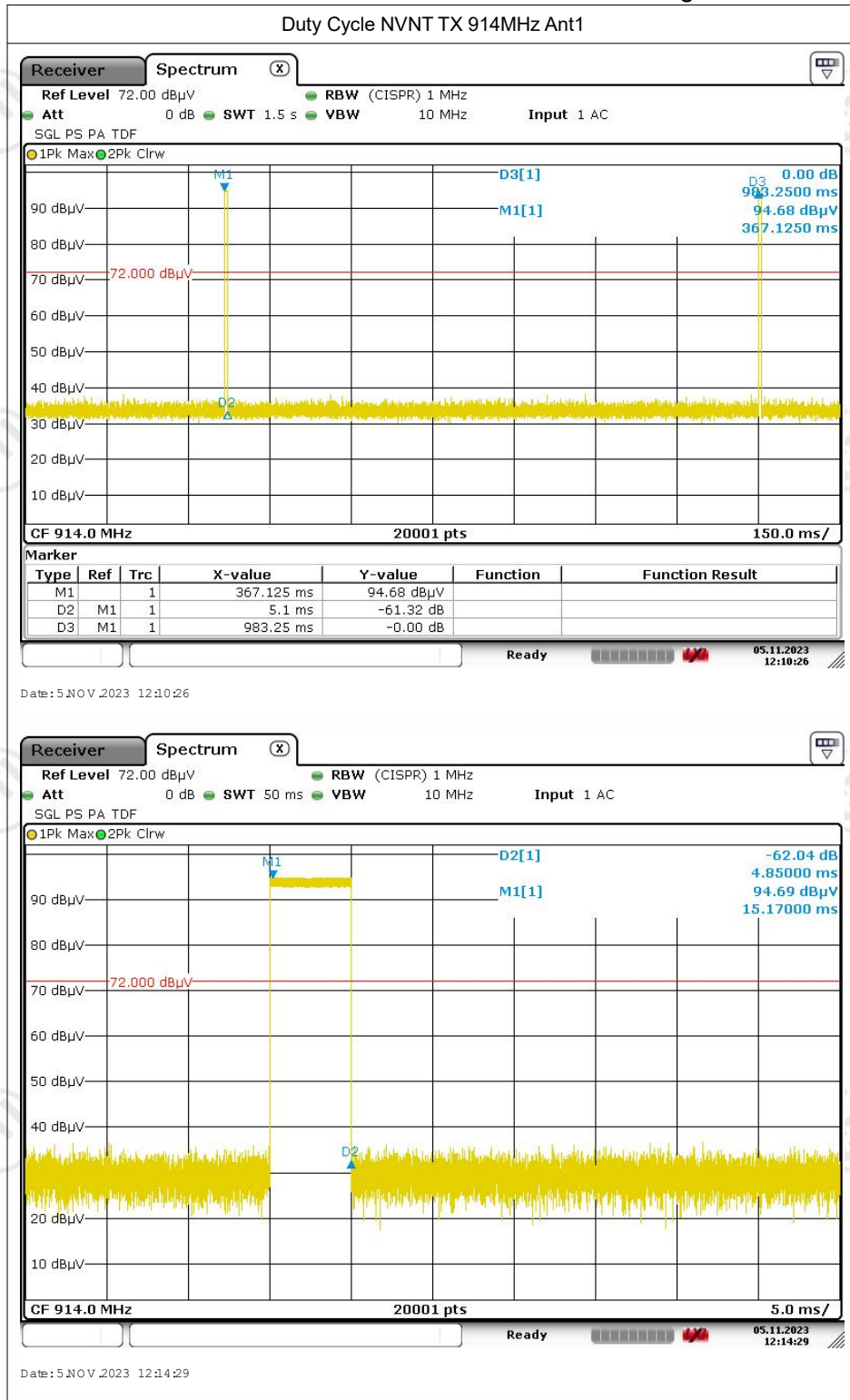
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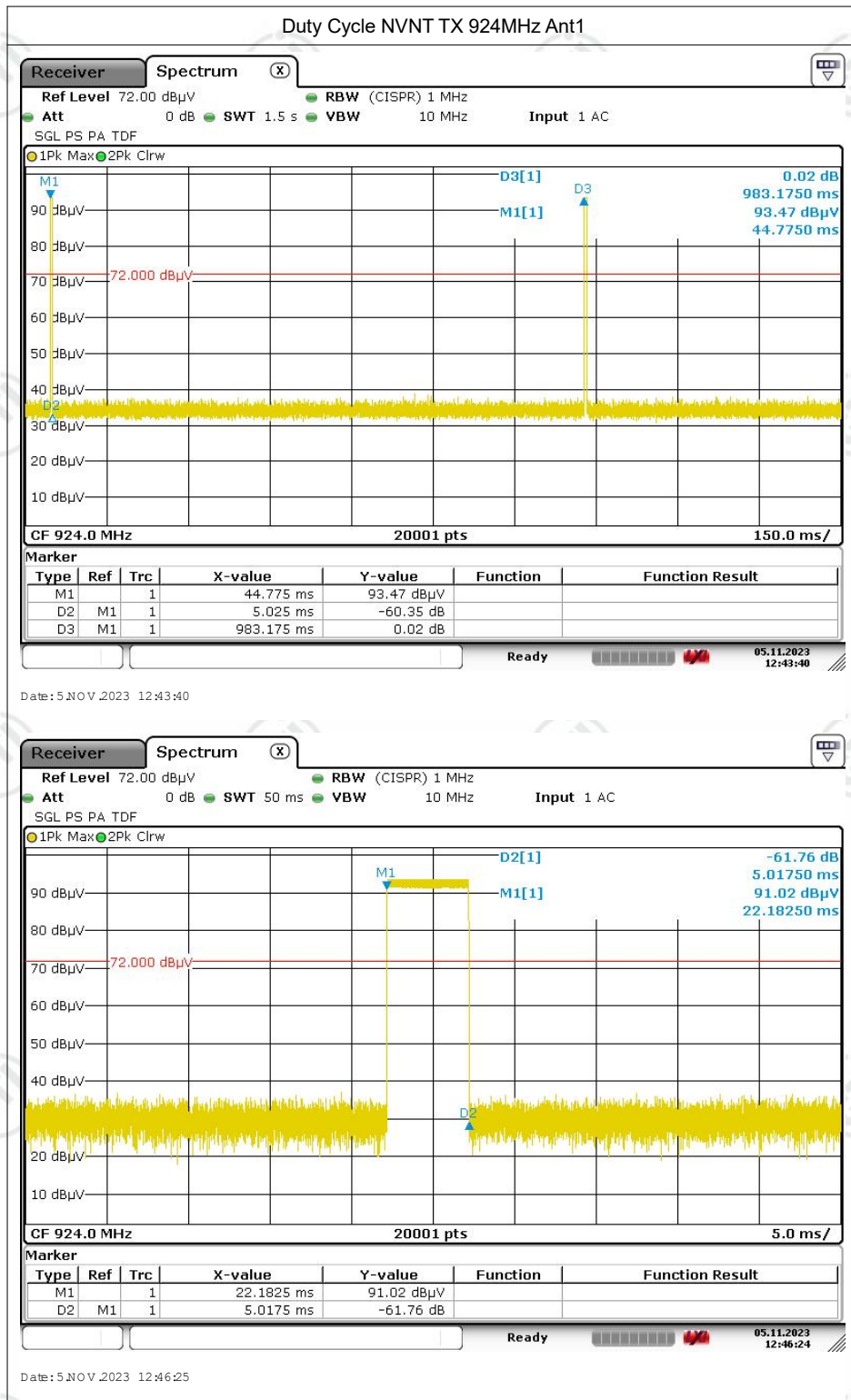
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Factor (dB)
NVNT	TX	906	Ant1	5.02	12.99
NVNT	TX	914	Ant1	4.85	13.14
NVNT	TX	924	Ant1	5.02	12.99

Note: Duty Factor (dB)=10*log₁₀ (1 / D) ,where D is the duty cycle.





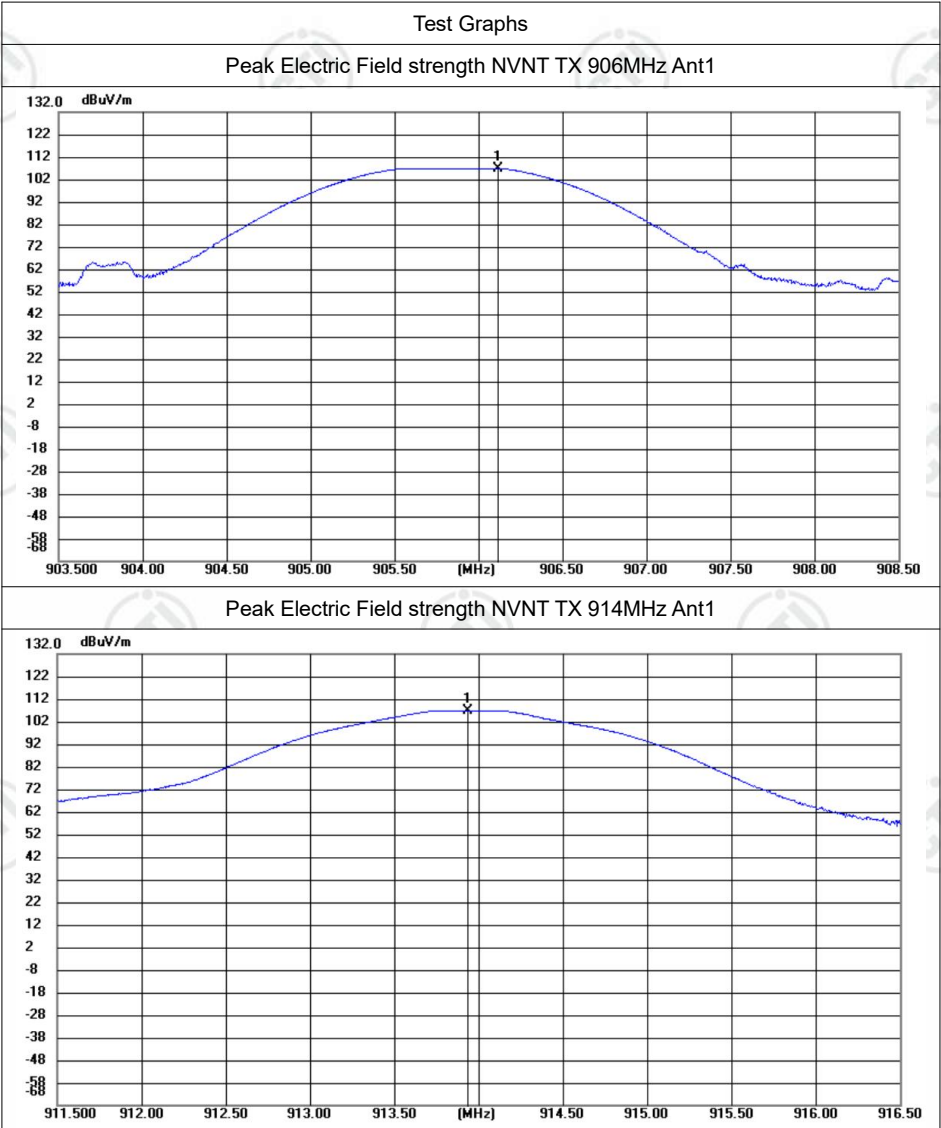


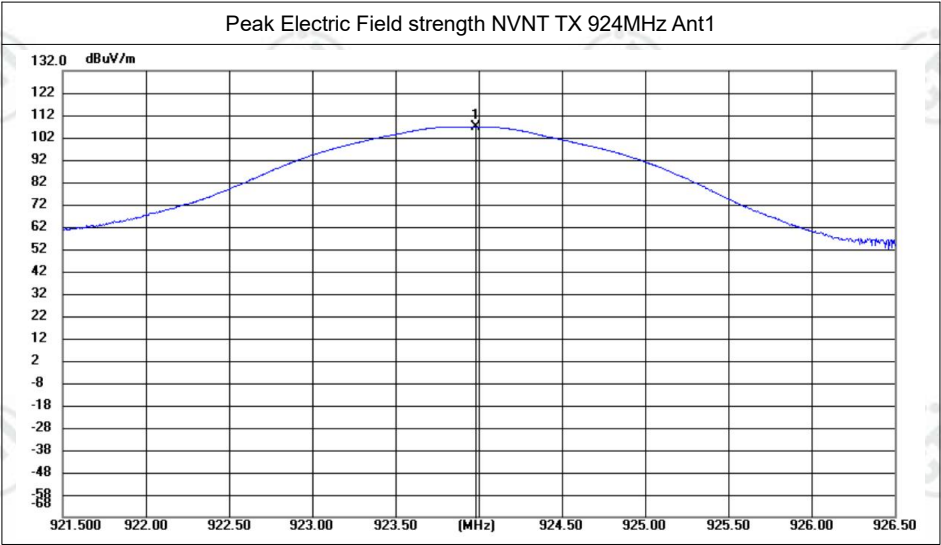
Maximum Peak Conducted Output Power & EIRP

Frequency (MHz)	Antenna	Electric Field strength (dBuV/m@3m)	EIRP (dBm)	EIRP Limit (dBm)	Antenna gain (dBi)	Conducted output power (dBm)	Conducted output power limit (dBm)	Verdict
906	Ant1	106.65	11.35	36.00	1.20	10.15	30.00	Pass
914	Ant1	106.72	11.42	36.00	1.20	10.22	30.00	Pass
924	Ant1	106.78	11.48	36.00	1.20	10.28	30.00	Pass

Note:

- ① $EIRP(dBm) = Electric\ Field\ strength(dBuV/m) - 95.3$;
- ② $EIRP(dBm) = Conducted\ output\ power(dBm) + Antenna\ gain(dBi)$;
- ③ Only the worst case data was recorded in the report.

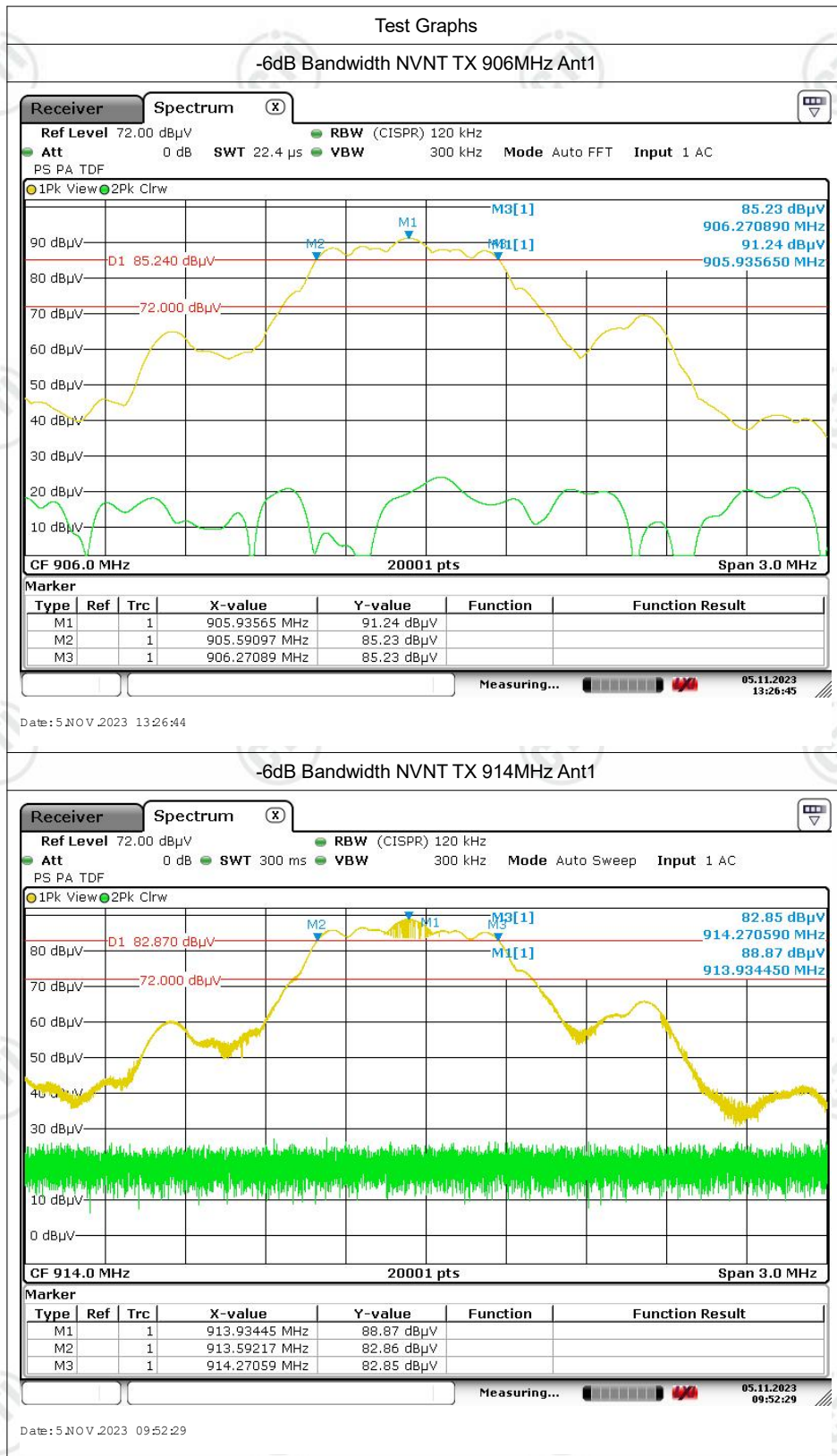


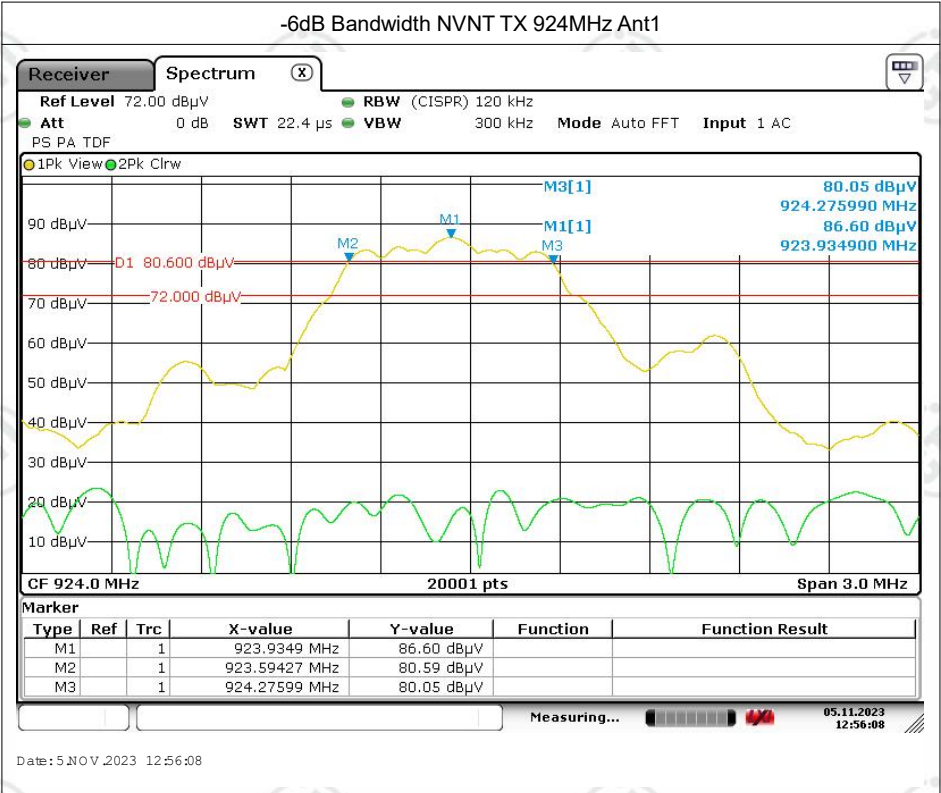


-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	Frequency Left (MHz)	Frequency Right (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	TX	906	Ant1	905.59097	906.27089	0.67992	≥0.500	Pass
NVNT	TX	914	Ant1	913.59217	914.27059	0.67842	≥0.500	Pass
NVNT	TX	924	Ant1	923.59427	924.27599	0.68172	≥0.500	Pass

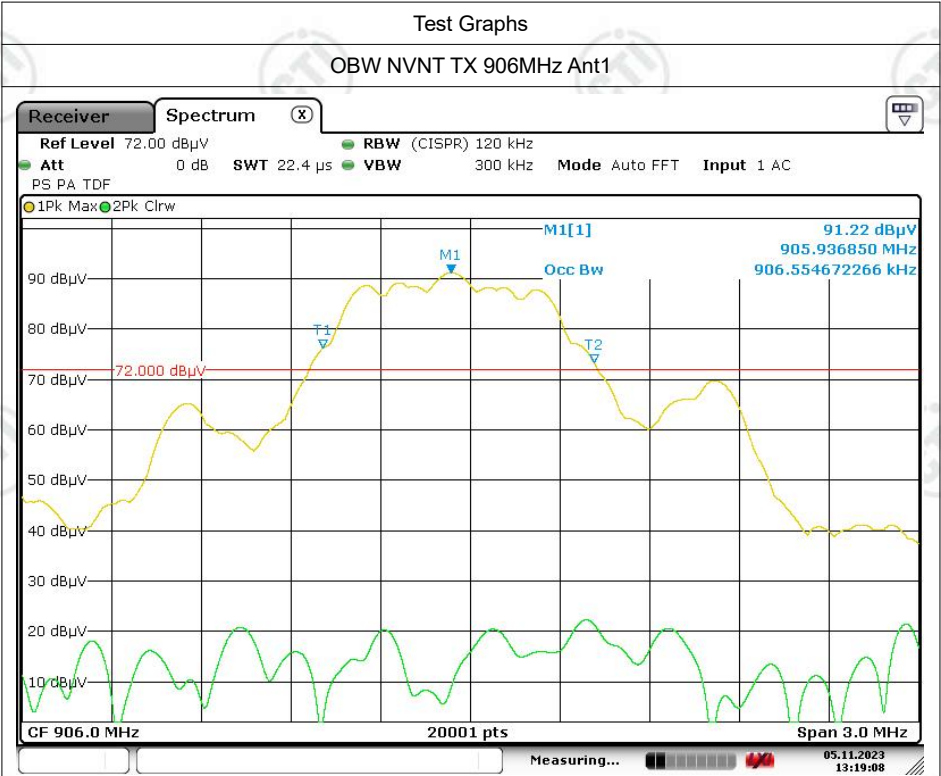
Note :-6 dB Bandwidth(MHz)=Frequency Left(MHz)-Frequency Right(MHz);



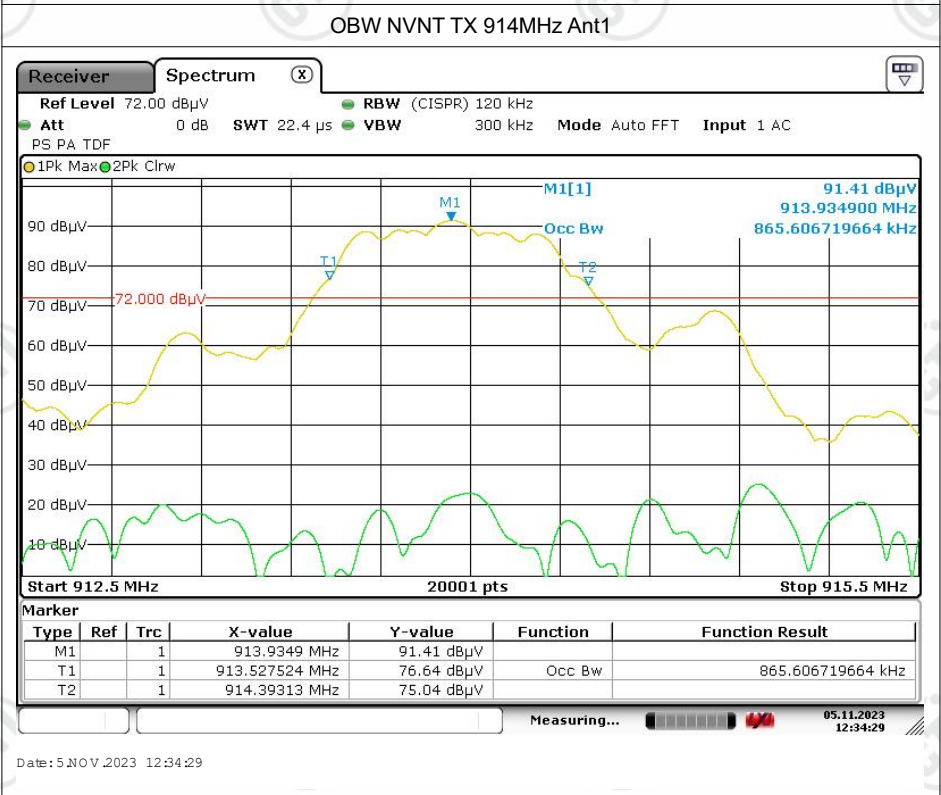


Occupied Channel Bandwidth

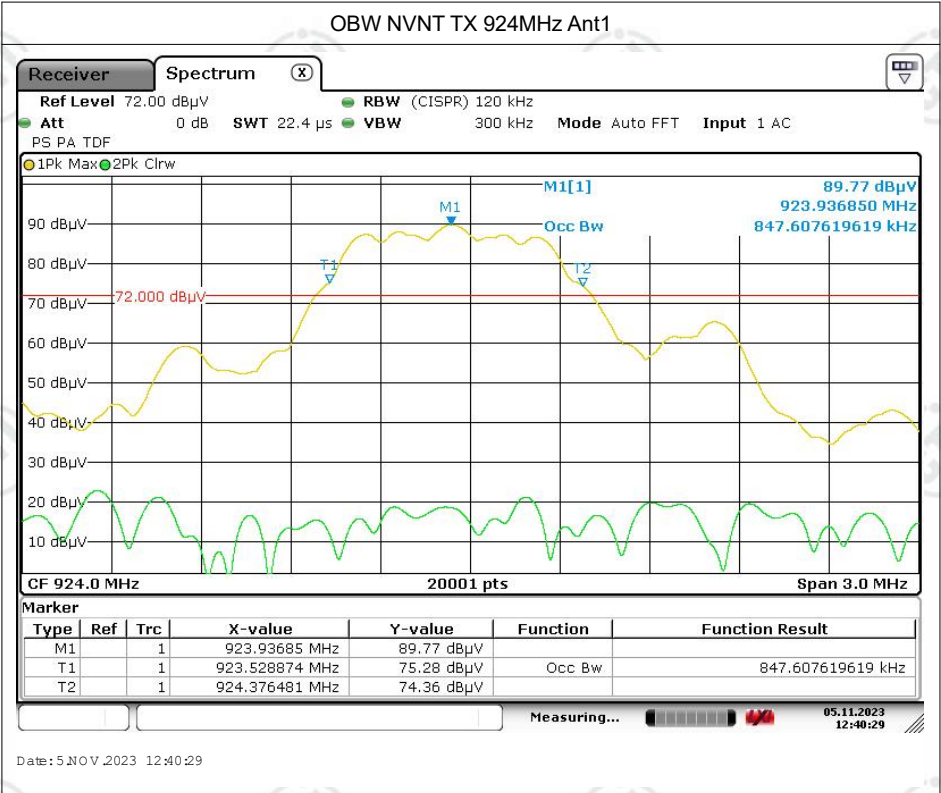
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (kHz)
NVNT	TX	906	Ant1	906.5547
NVNT	TX	914	Ant1	865.6067
NVNT	TX	924	Ant1	847.6076



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Maximum Peak Power Spectral Density & Level

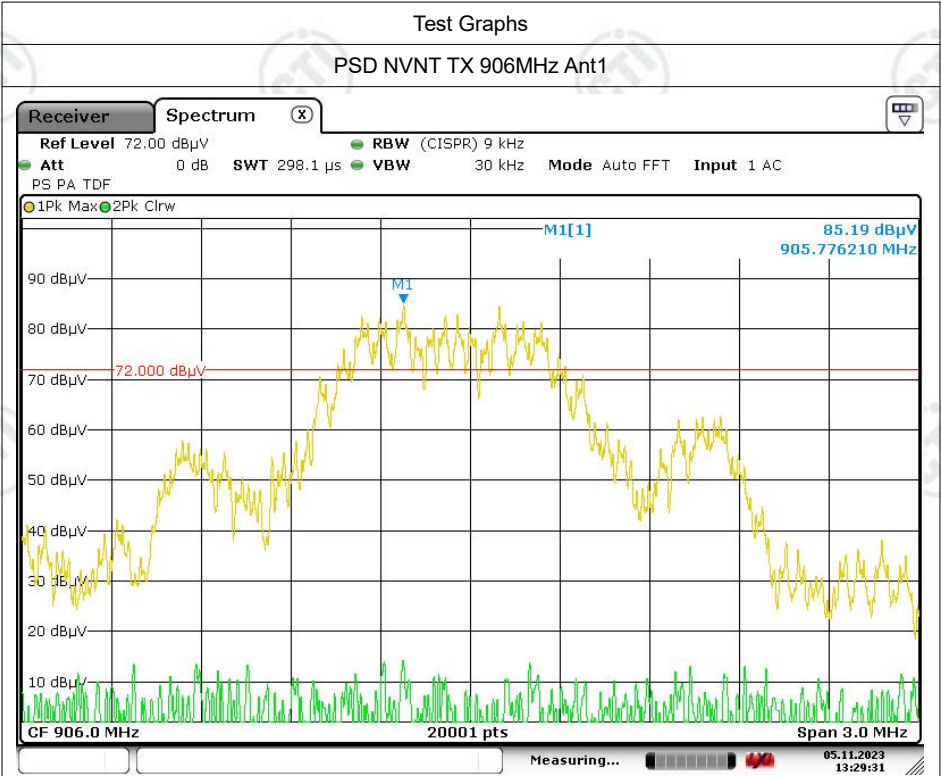
Frequency (MHz)	Antenna	PSD(EIRP) (dBuV/m@3m/9kHz)	PSD(EIRP) (dBm/9kHz)	PSD(EIRP) (dBm/3kHz)	Antenna gain (dBi)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
906	Ant1	85.19	-10.11	-14.88	1.20	-16.08	8.00	Pass
914	Ant1	84.40	-10.90	-15.67	1.20	-16.87	8.00	Pass
924	Ant1	80.40	-14.90	-19.67	1.20	-20.87	8.00	Pass

Note :

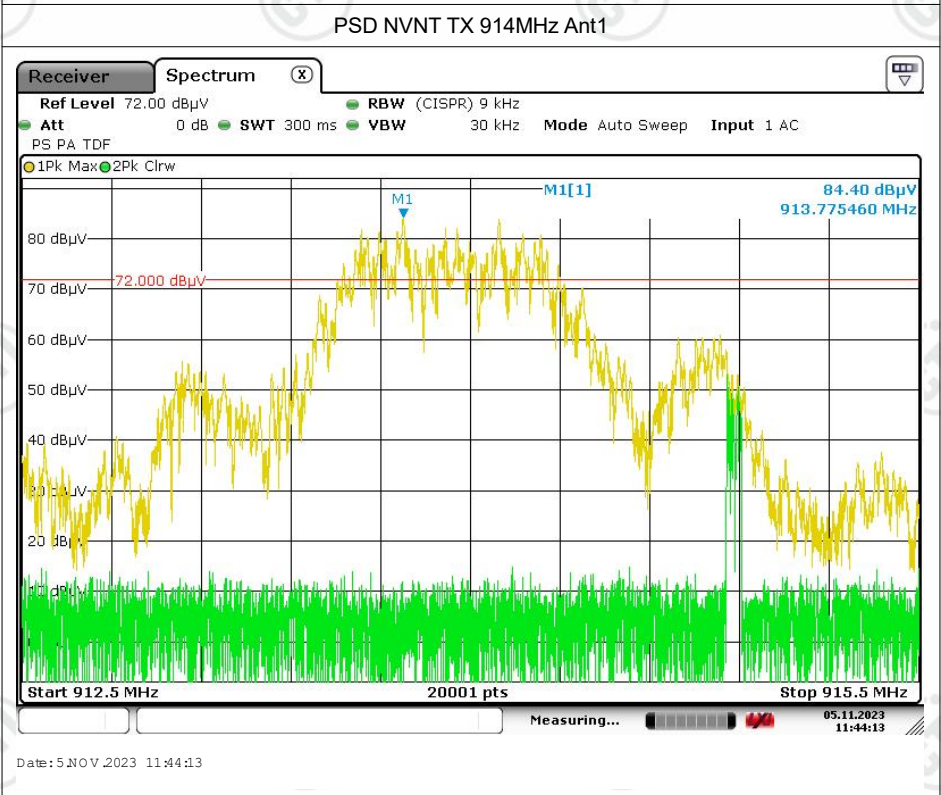
①PSD(EIRP) (dBm@3m/9kHz)=PSD(EIRP) (dBuV/m@3m/9kHz)-95.3;

②PSD(EIRP) (dBm/3kHz)=10*lg(10^{PSD(EIRP) (dBm/9kHz)/10/9}*3);

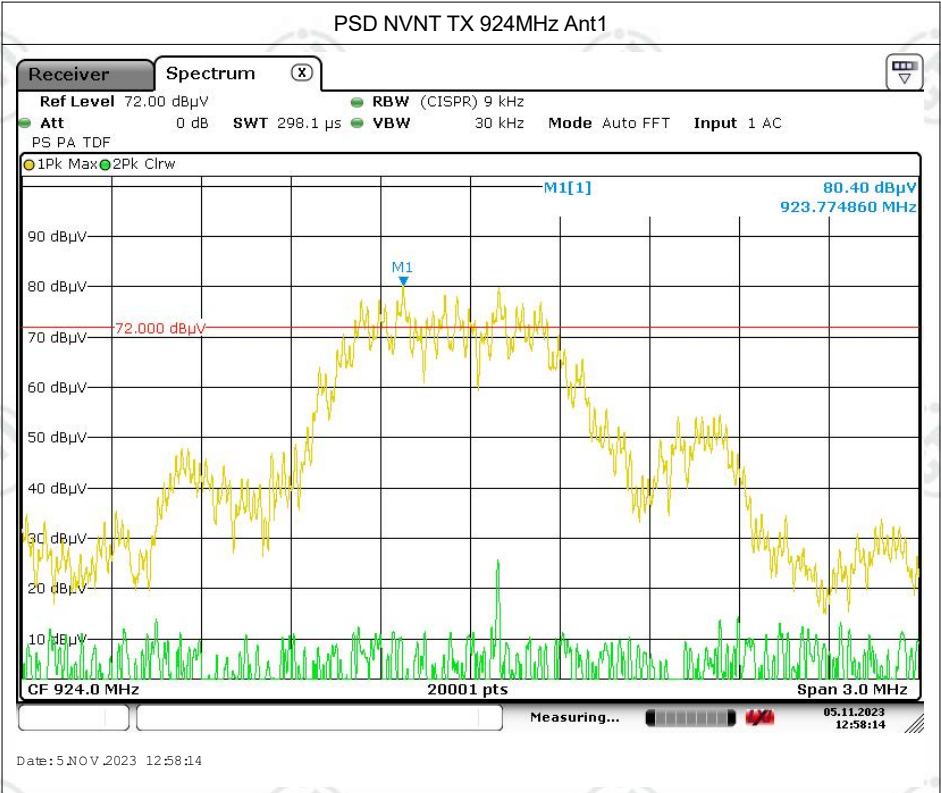
③PSD(dBm/3kHz)=PSD(EIRP) (dBm/3kHz)-Antenna gain(dBi);



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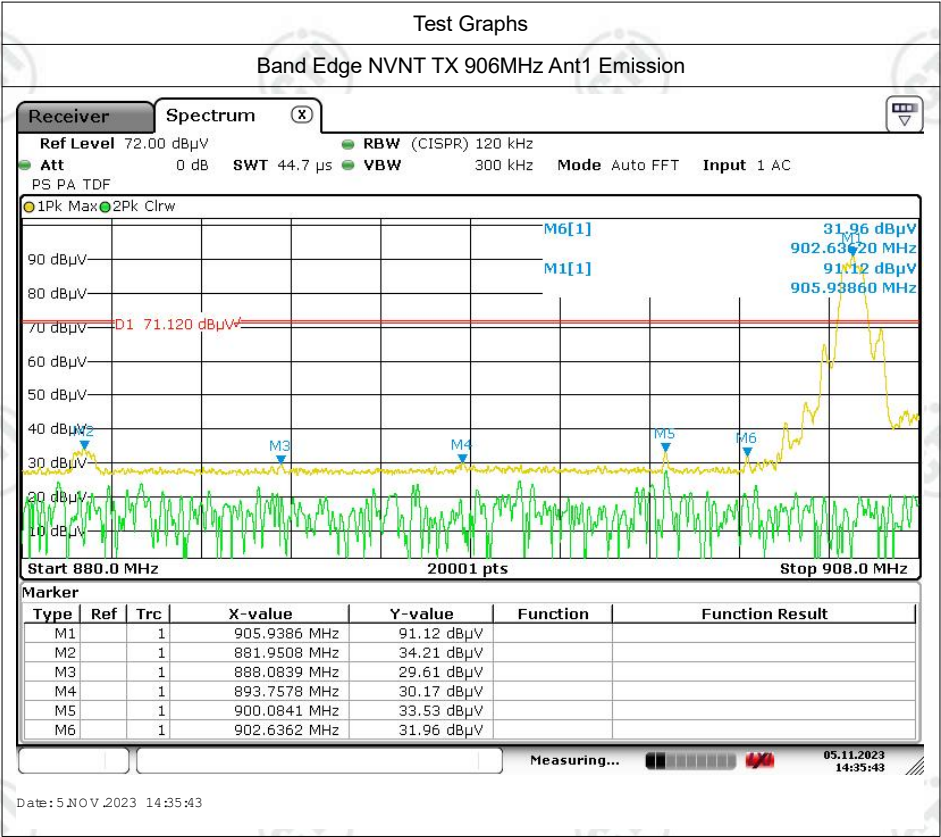


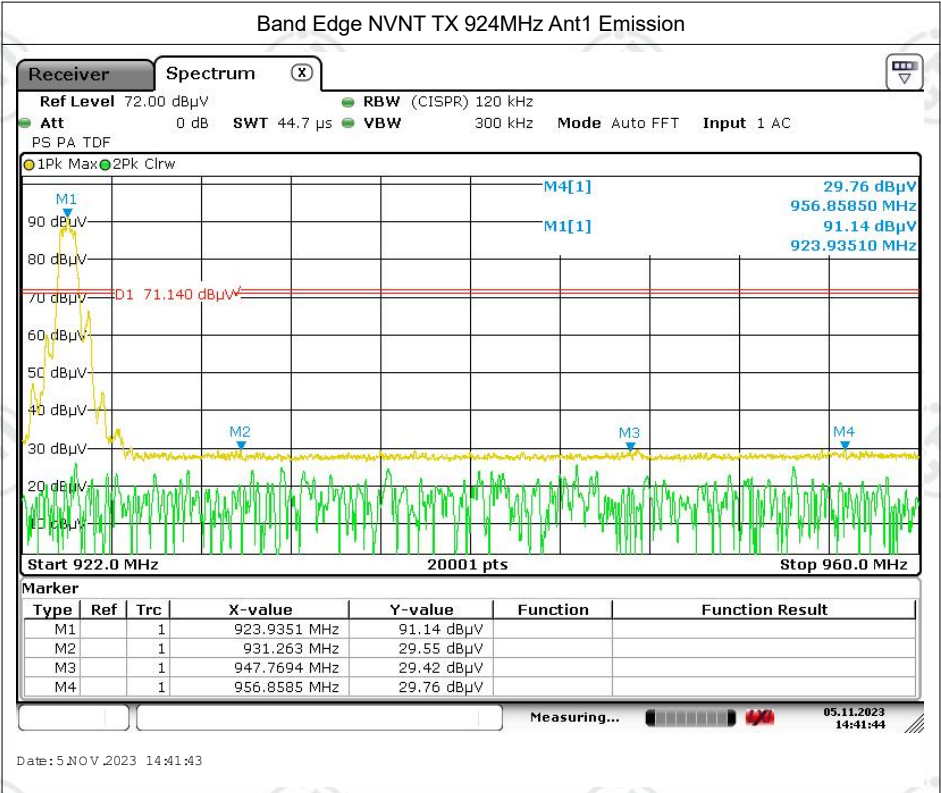
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Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	TX	906	Ant1	-56.91	-20.00	Pass
NVNT	TX	924	Ant1	-61.38	-20.00	Pass



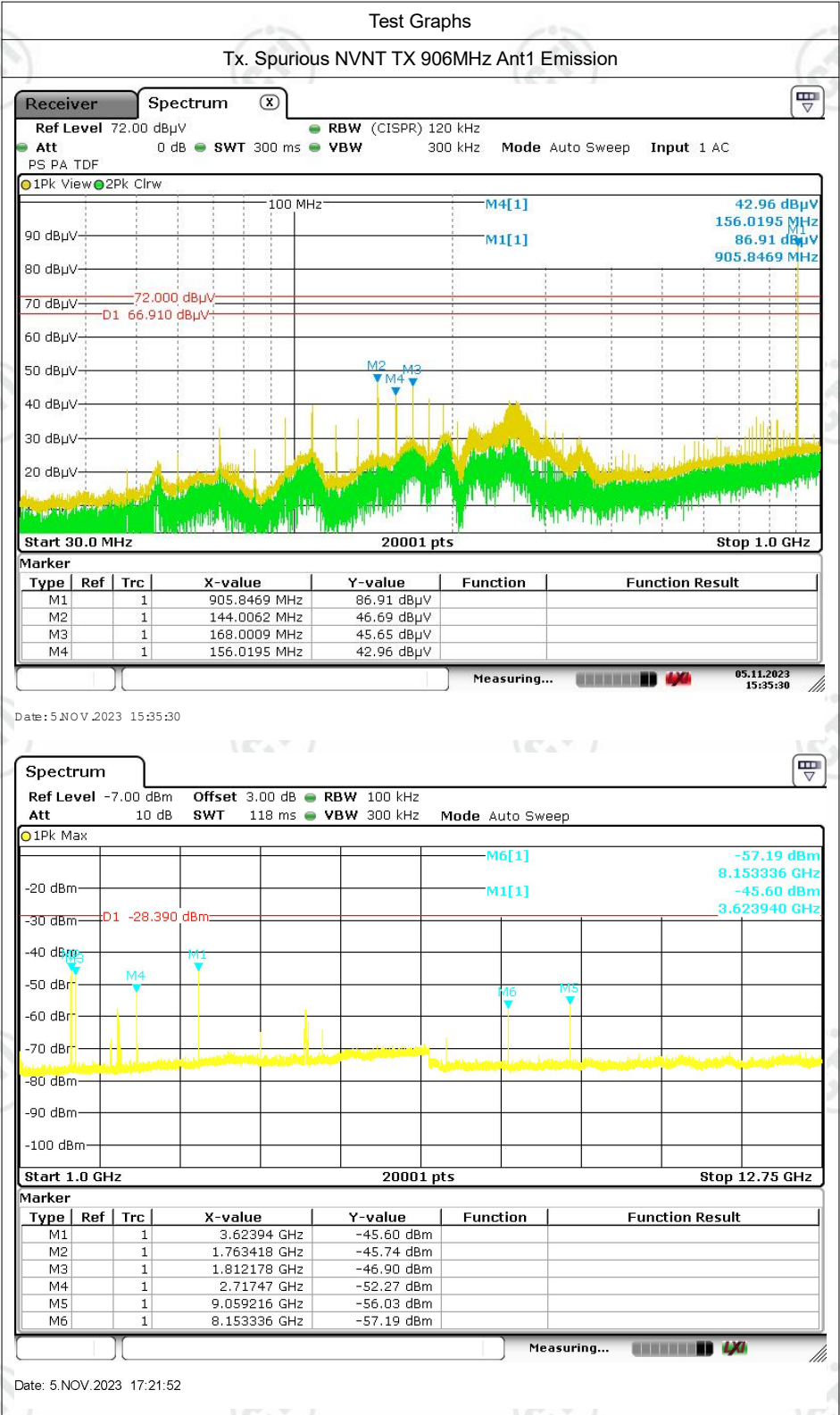


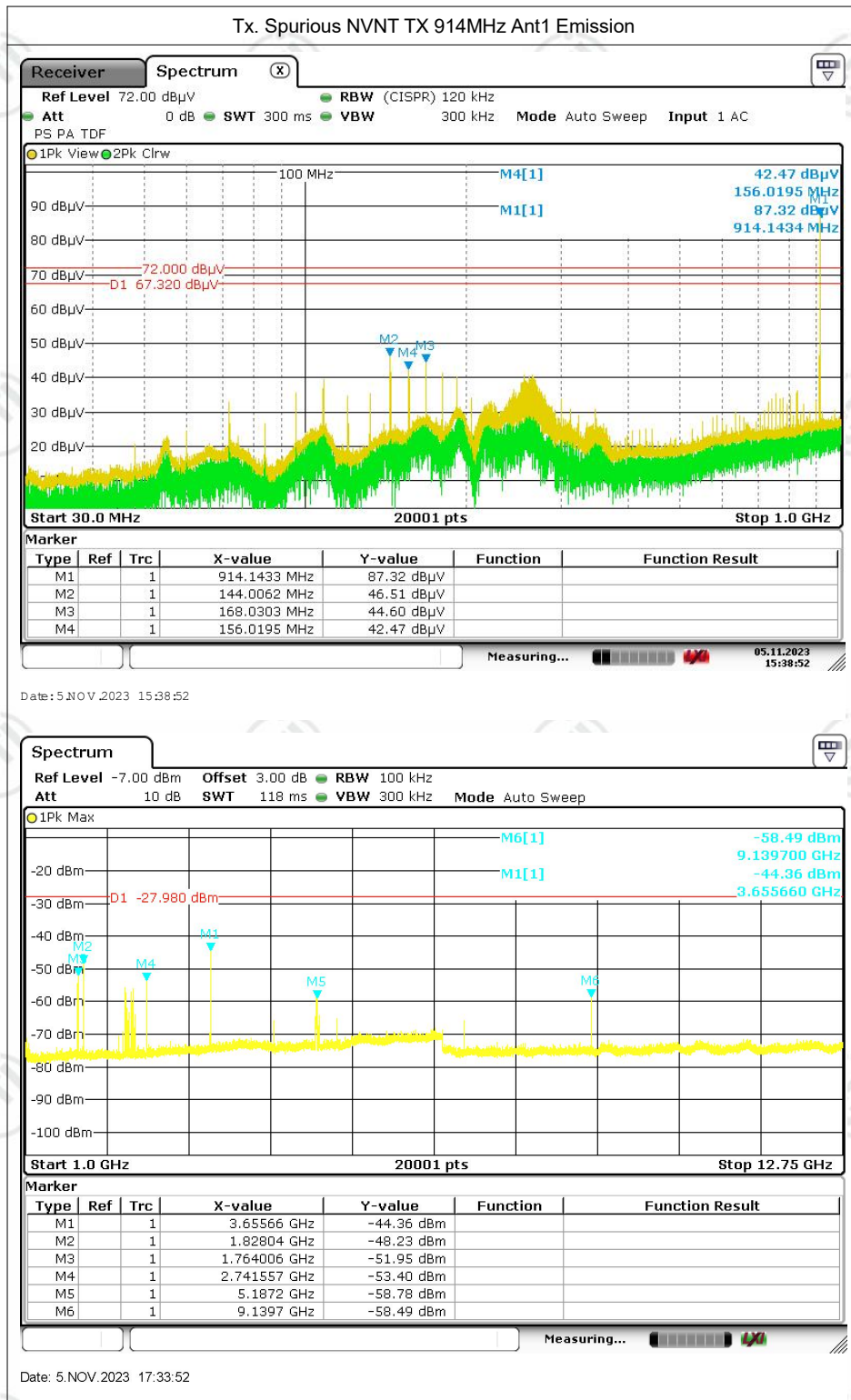
Radiated RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Limit (dBc)	Verdict
NVNT	TX	906	Ant1	-20	Pass
NVNT	TX	914	Ant1	-20	Pass
NVNT	TX	924	Ant1	-20	Pass

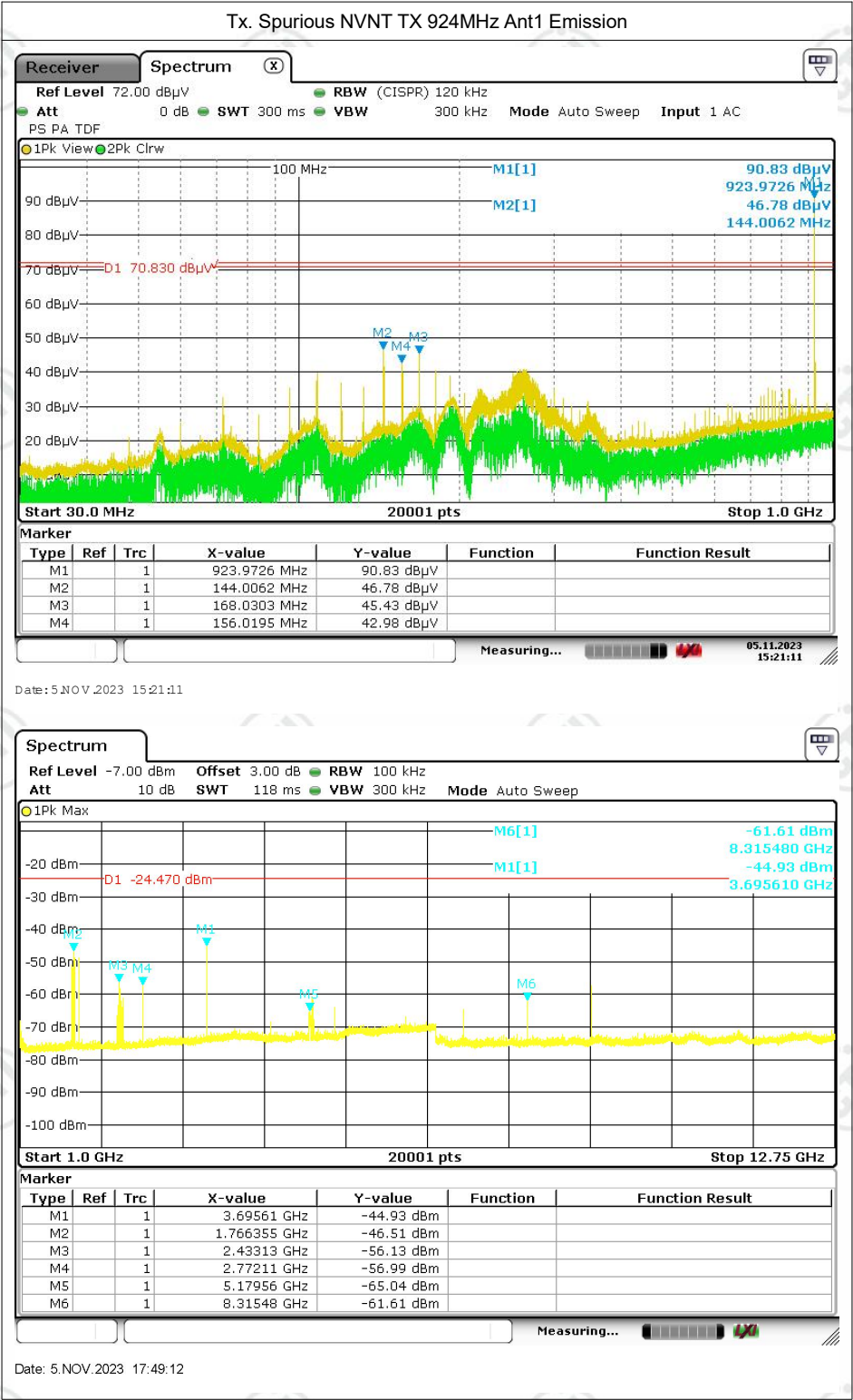
Note:

- ①86.91dBuV/m@3m=-8.39dBm;
- ②87.32dBuV/m@3m=-7.98dBm;
- ③90.83dBuV/m@3m=-4.47dBm;





Spectrum



END OF REPORT