

Appendix: LoRa(LR-FHSS)

Contents

Duty Cycle 3

Maximum Peak Conducted Output Power 6

-6dB Bandwidth 9

Occupied Channel Bandwidth 12

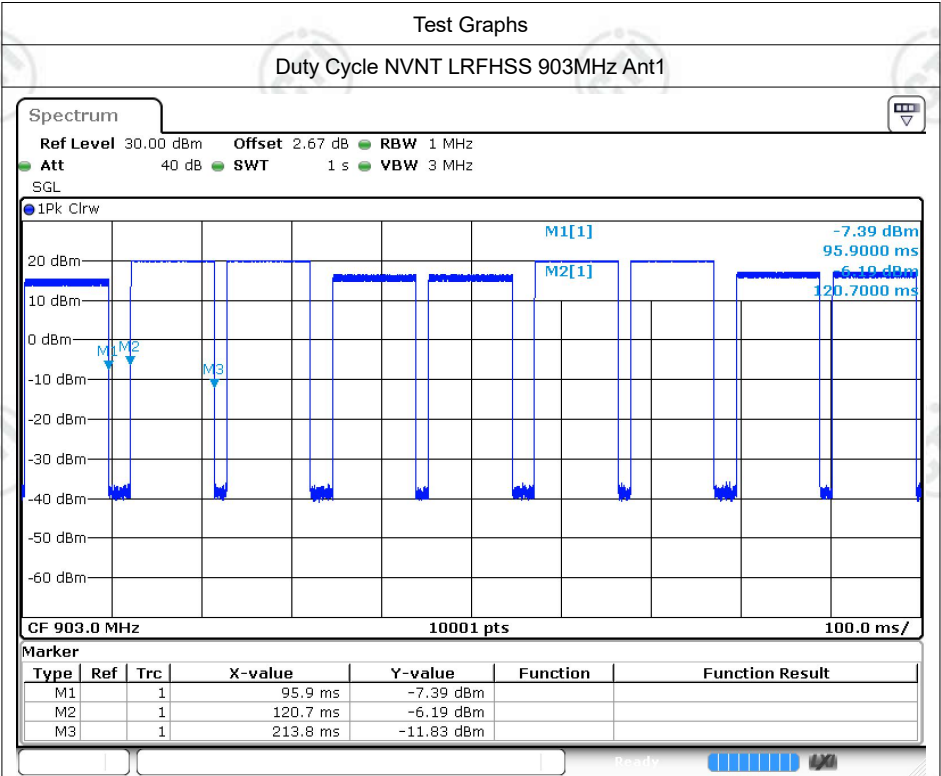
Maximum Power Spectral Density Level 15

Band Edge 18

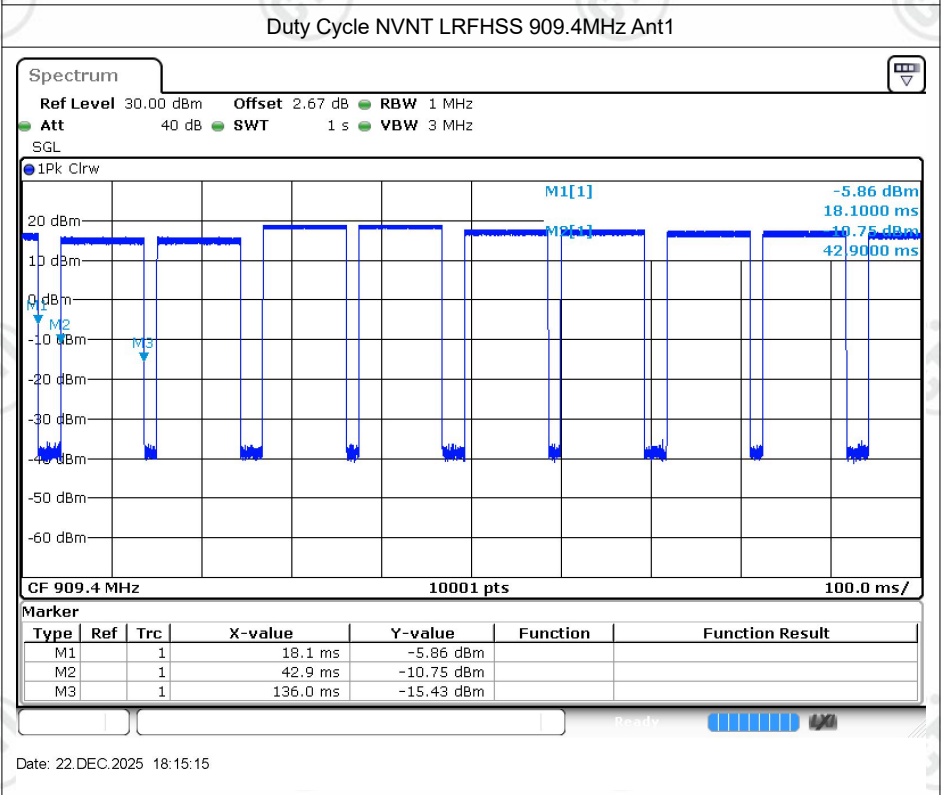
Conducted RF Spurious Emission 21

Duty Cycle

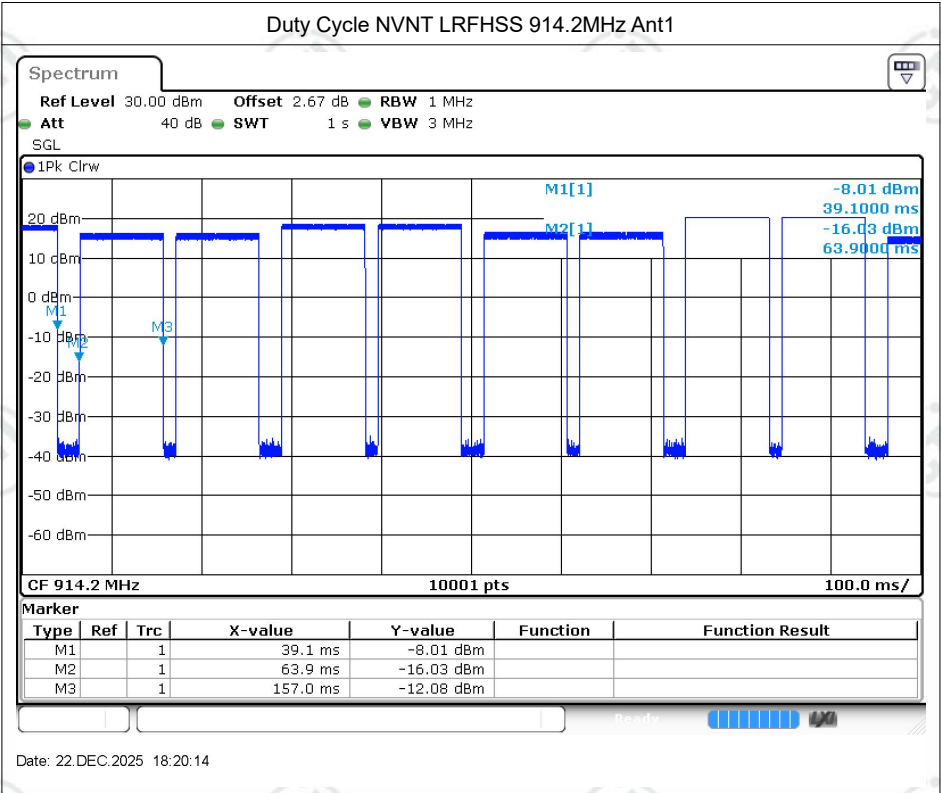
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	LRFHSS	903	Ant1	78.97	1.03	0.01
NVNT	LRFHSS	909.4	Ant1	78.97	1.03	0.01
NVNT	LRFHSS	914.2	Ant1	78.97	1.03	0.01



Date: 22.DEC.2025 18:09:43

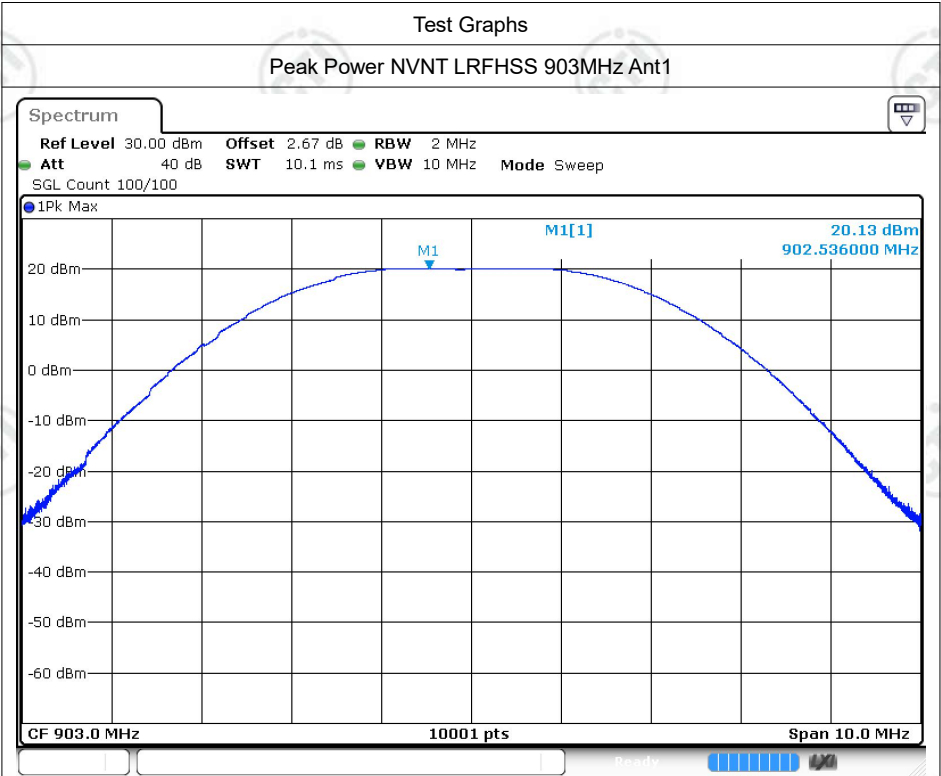


Date: 22.DEC.2025 18:15:15

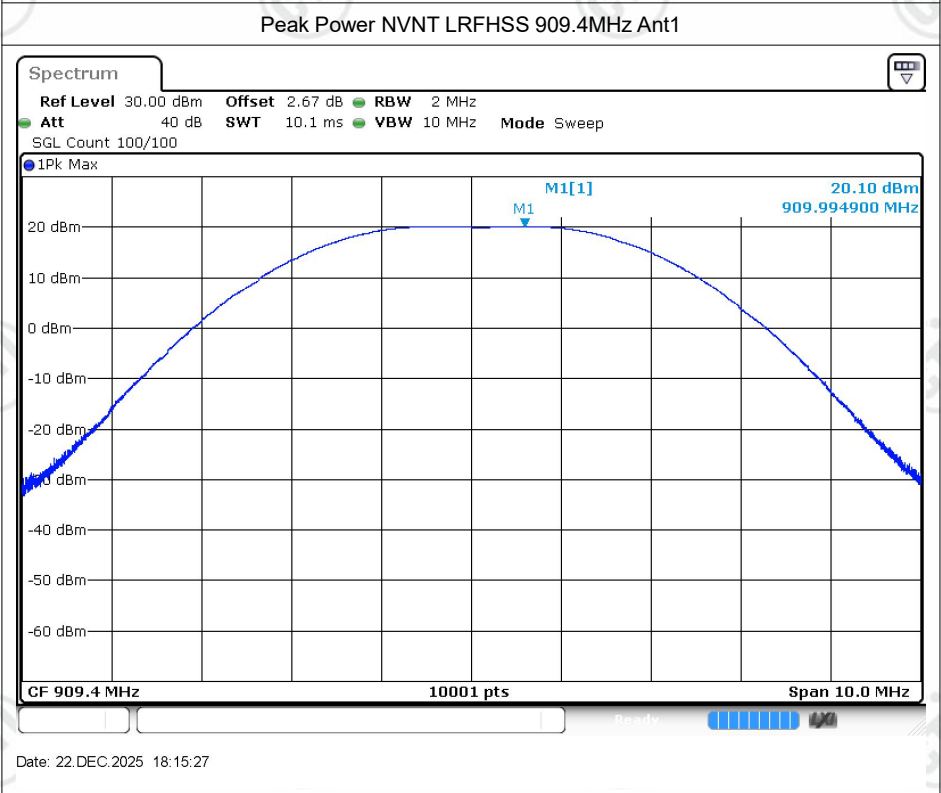


Maximum Peak Conducted Output Power

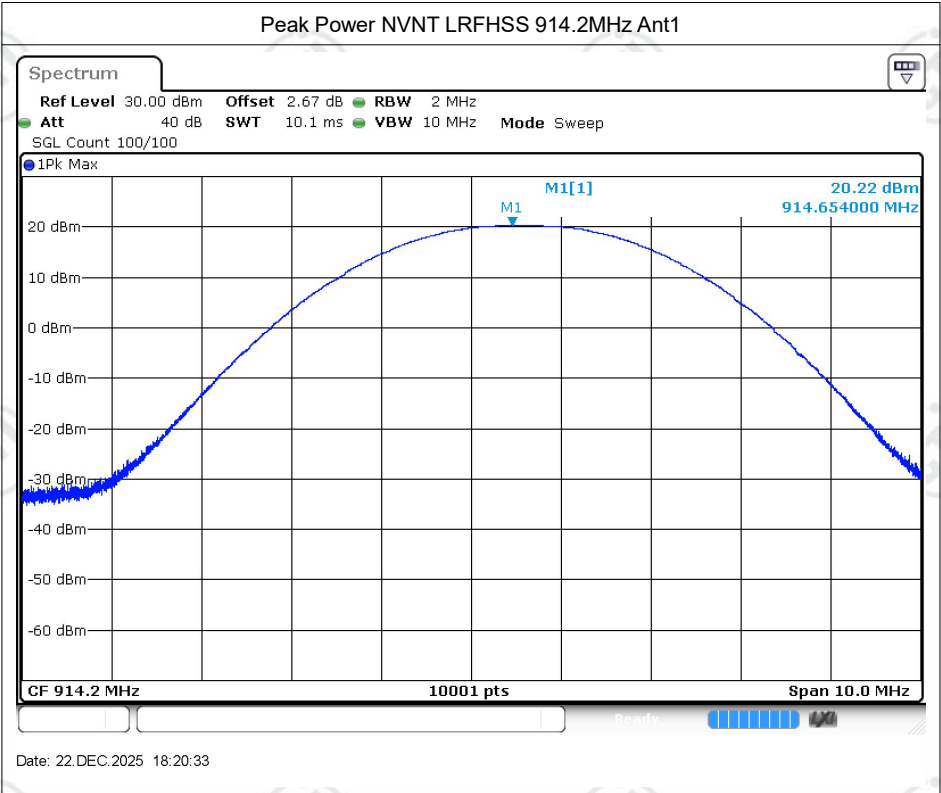
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	LRFHSS	903	Ant1	20.13	30	Pass
NVNT	LRFHSS	909.4	Ant1	20.10	30	Pass
NVNT	LRFHSS	914.2	Ant1	20.22	30	Pass



Date: 22.DEC.2025 18:09:50

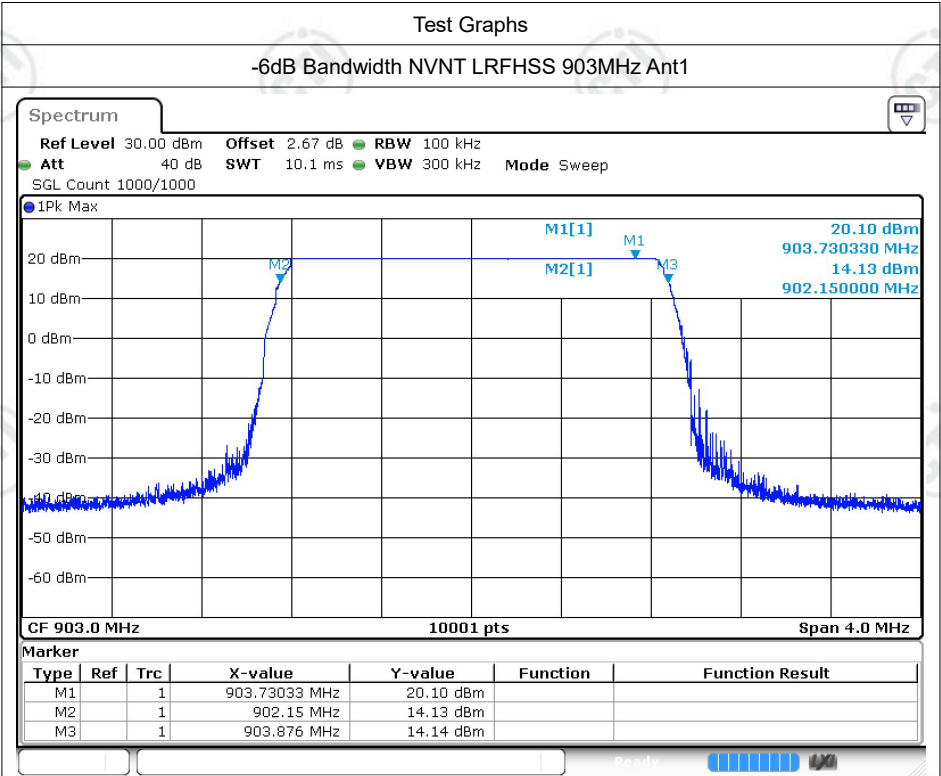


Date: 22.DEC.2025 18:15:27

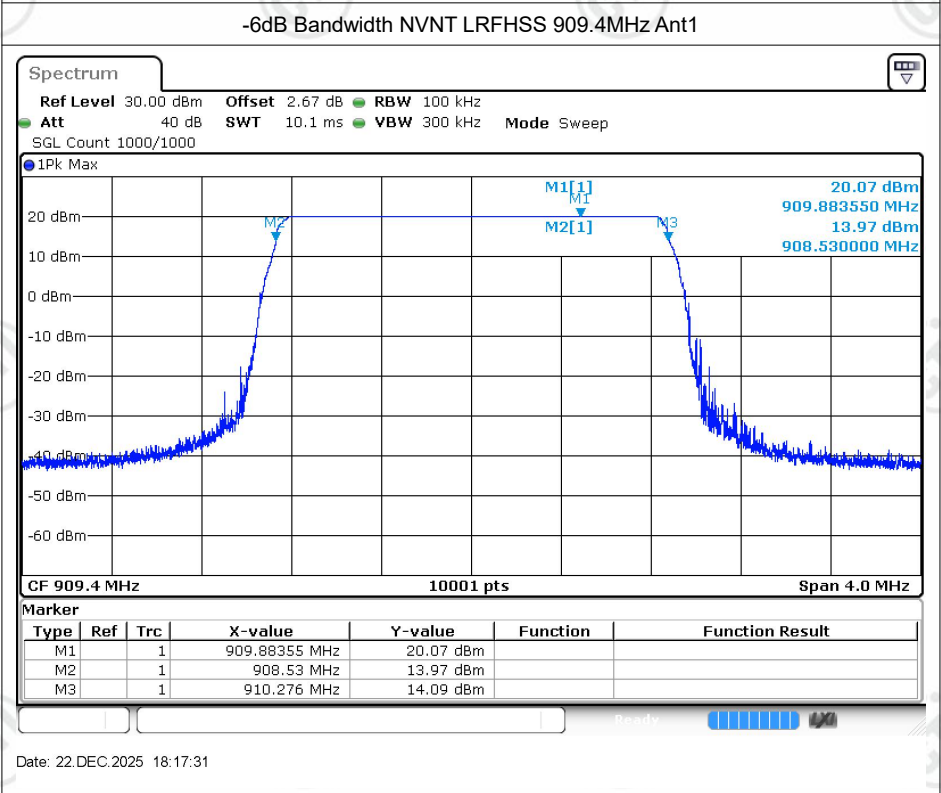


-6dB Bandwidth

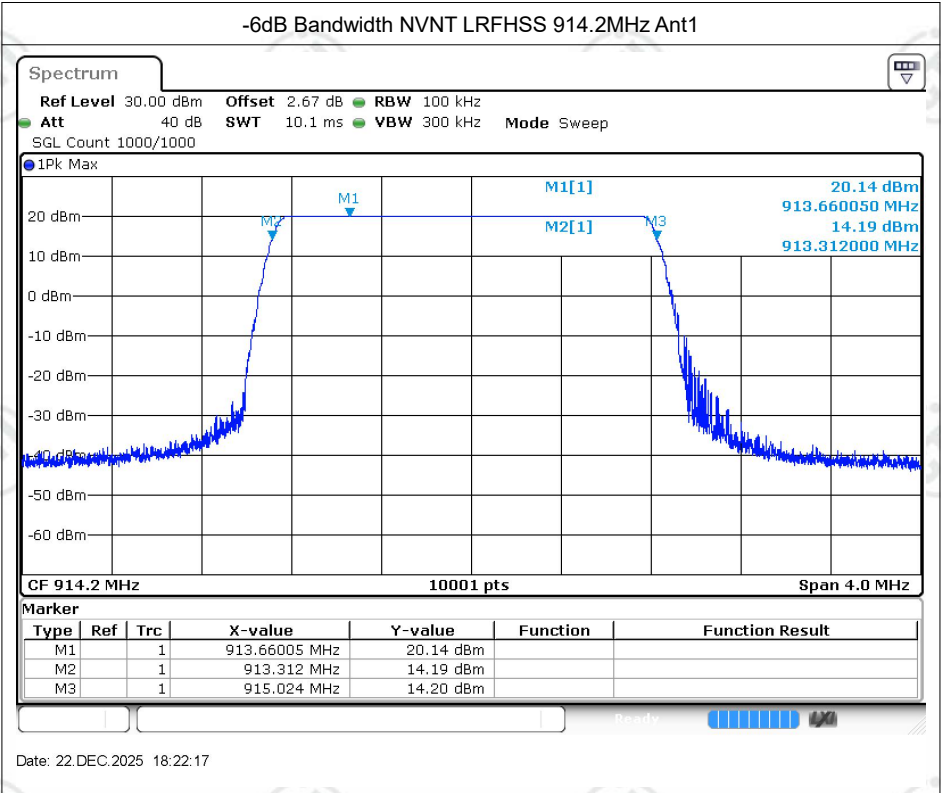
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	LRFHSS	903	Ant1	1.726	0.5	Pass
NVNT	LRFHSS	909.4	Ant1	1.746	0.5	Pass
NVNT	LRFHSS	914.2	Ant1	1.712	0.5	Pass



Date: 22.DEC.2025 18:11:01

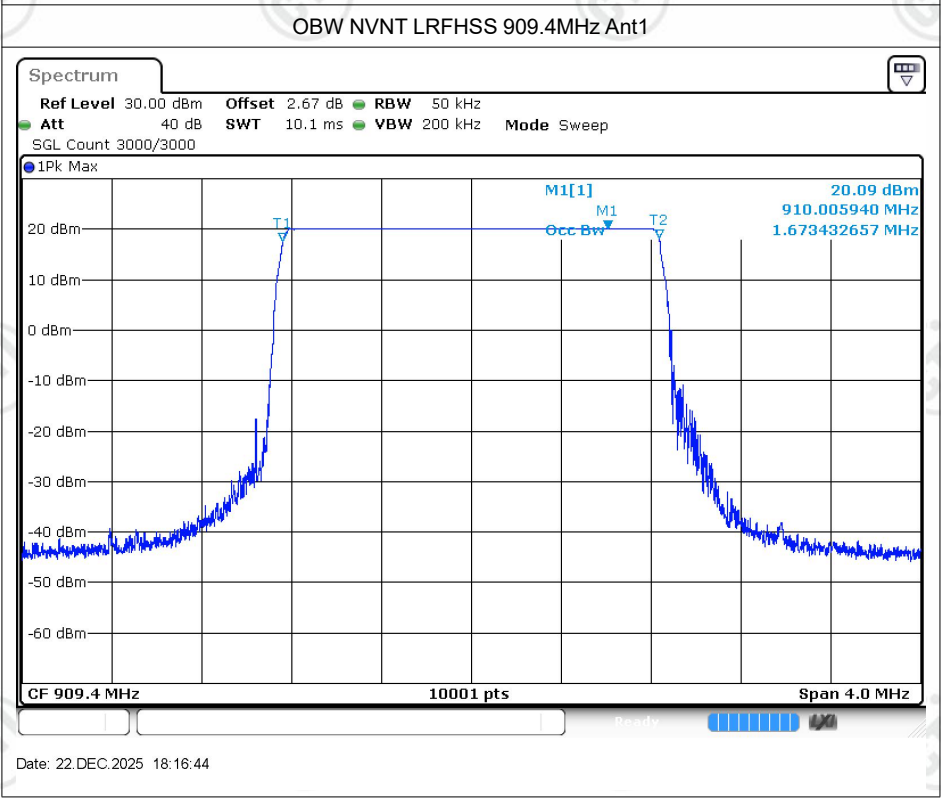
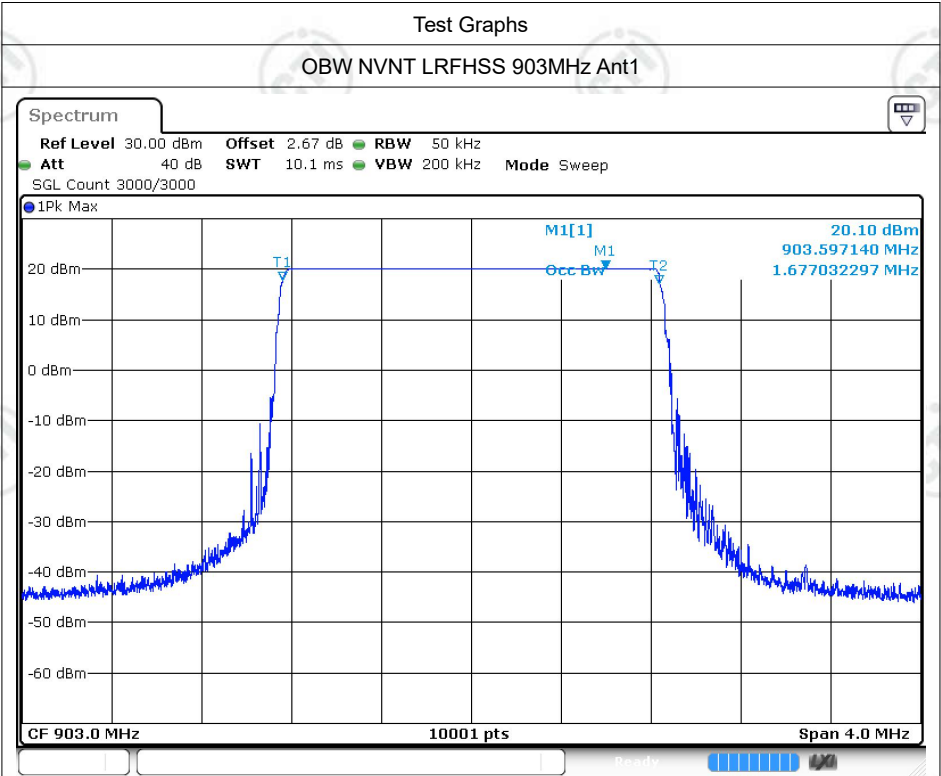


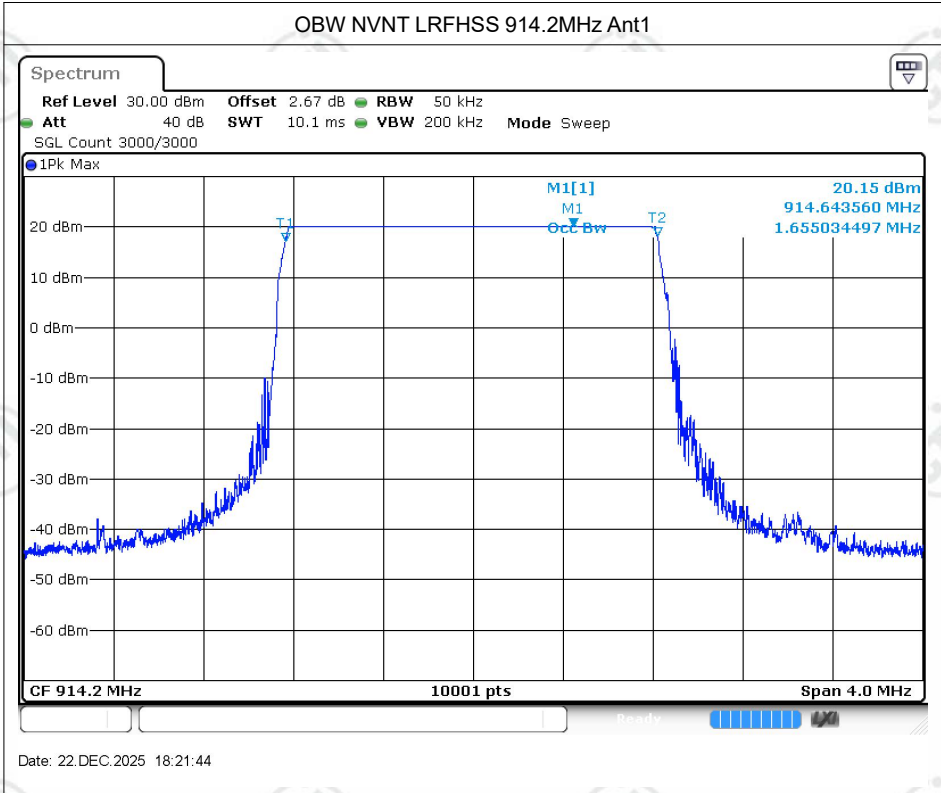
Date: 22.DEC.2025 18:17:31



Occupied Channel Bandwidth

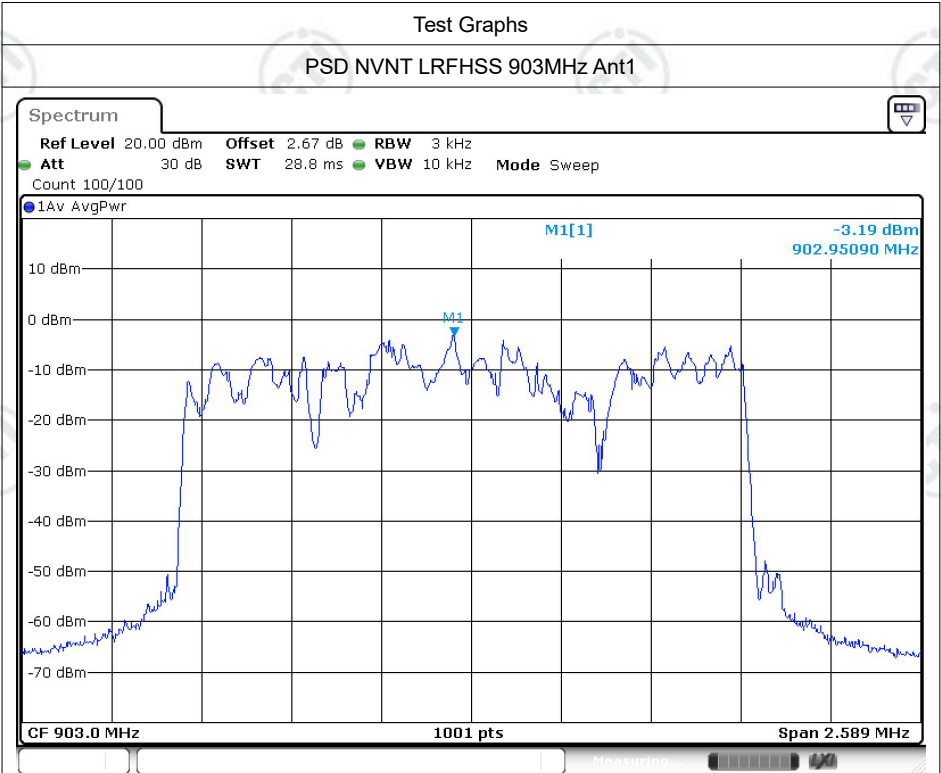
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	LRFHSS	903	Ant1	1.677
NVNT	LRFHSS	909.4	Ant1	1.673
NVNT	LRFHSS	914.2	Ant1	1.655



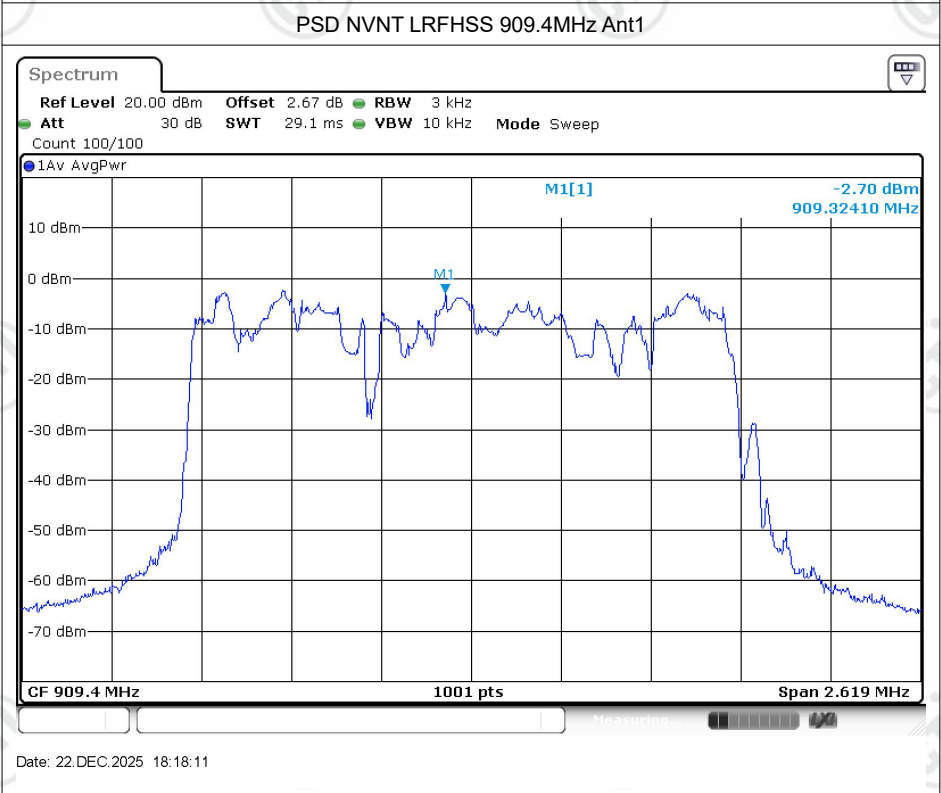


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	LRFHSS	903	Ant1	-3.19	1.03	-2.16	8	Pass
NVNT	LRFHSS	909.4	Ant1	-2.70	1.03	-1.67	8	Pass
NVNT	LRFHSS	914.2	Ant1	-2.12	1.03	-1.09	8	Pass



Date: 22.DEC.2025 18:14:11



Date: 22.DEC.2025 18:18:11