

Appendix: LORA DTS

Contents

Contents2

Maximum Peak Conducted Output Power3

Duty Cycle6

-6dB Bandwidth9

Occupied Channel Bandwidth12

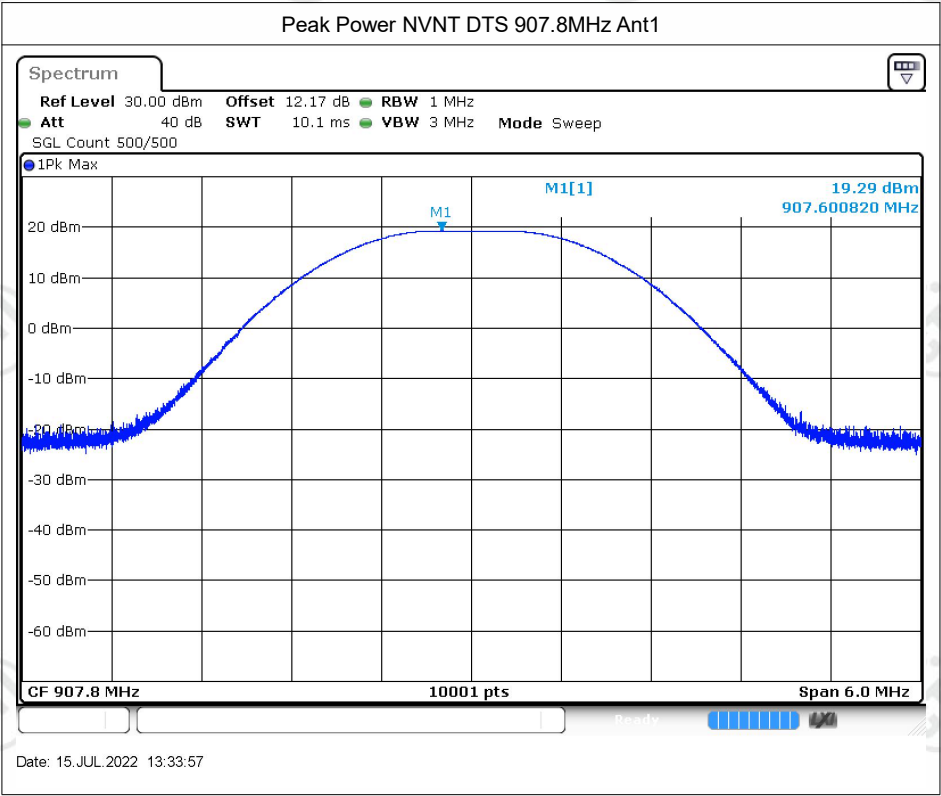
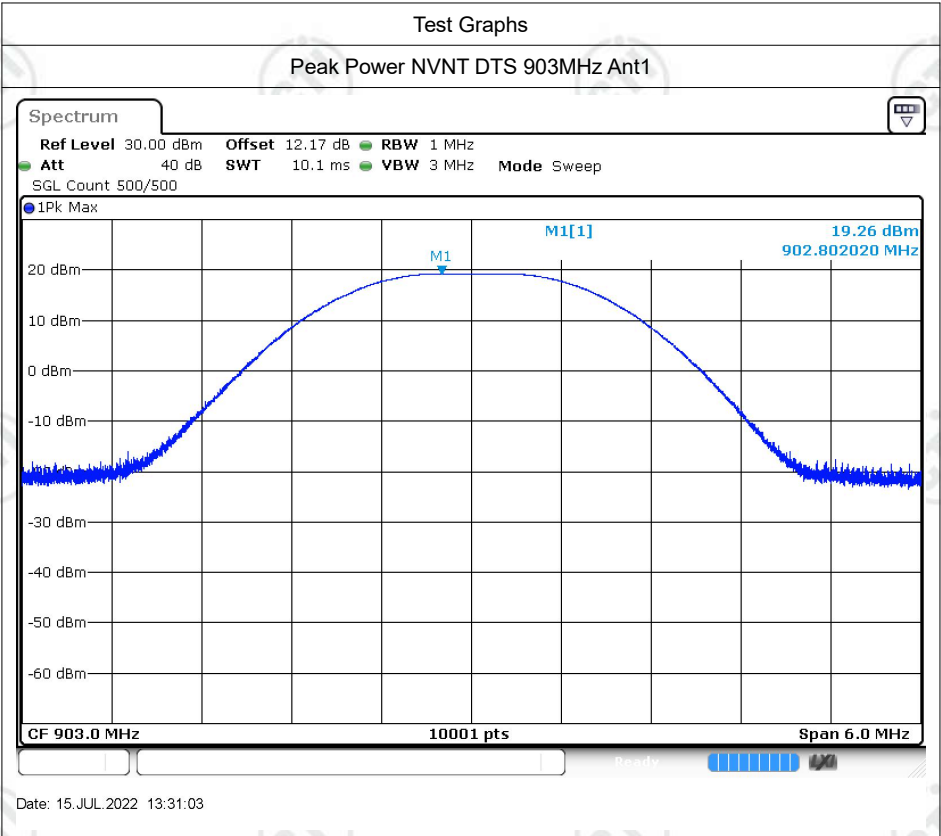
Conducted RF Spurious Emission15

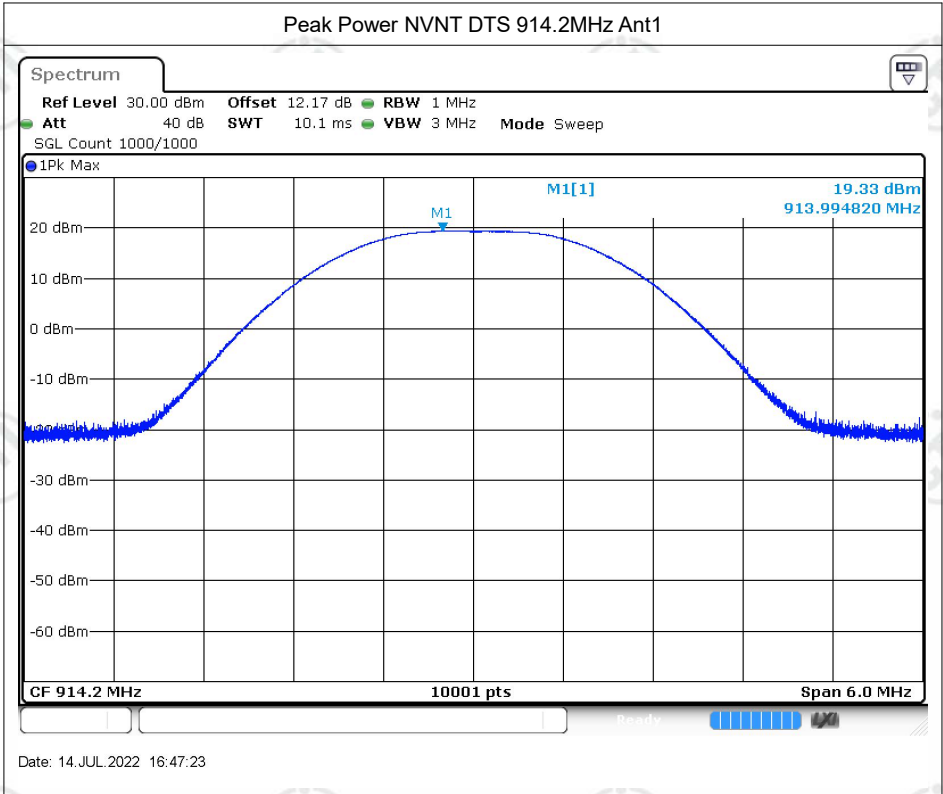
Maximum Power Spectral Density Level19

Band Edge22

Maximum Peak Conducted Output Power

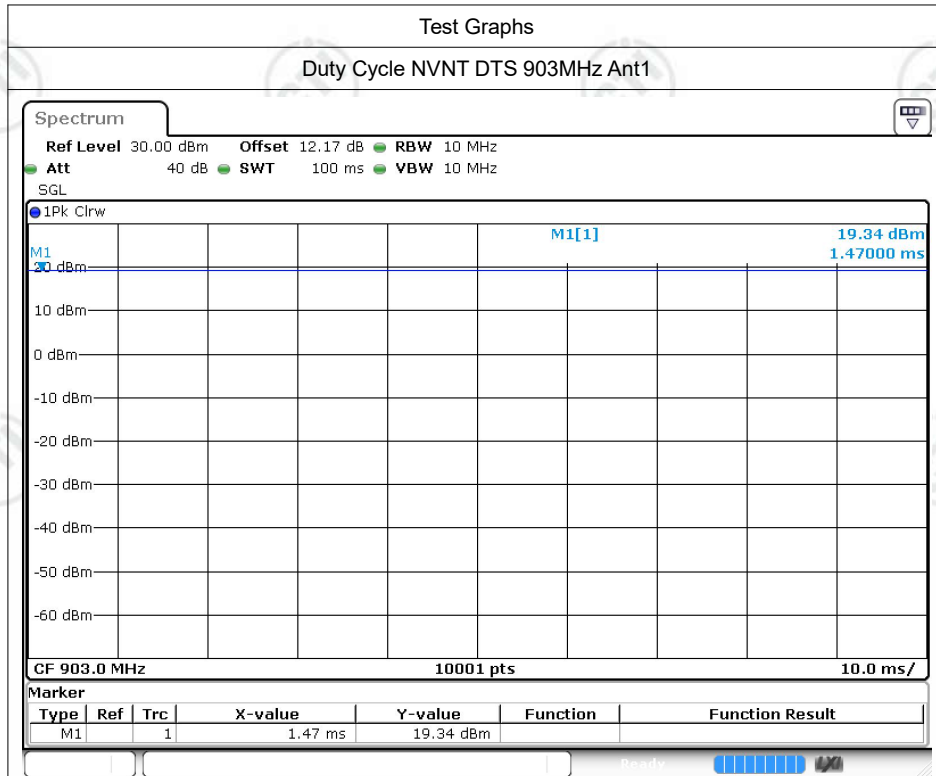
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	DTS	903	Ant1	19.26	0	19.26	30	Pass
NVNT	DTS	907.8	Ant1	19.29	0	19.29	30	Pass
NVNT	DTS	914.2	Ant1	19.33	0	19.33	30	Pass



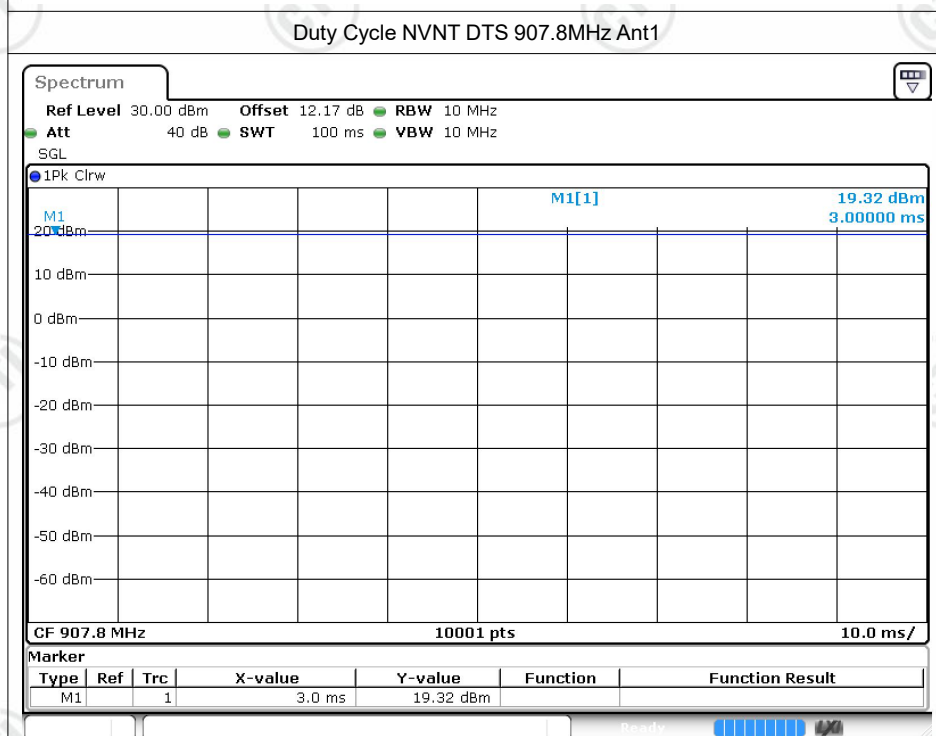


Duty Cycle

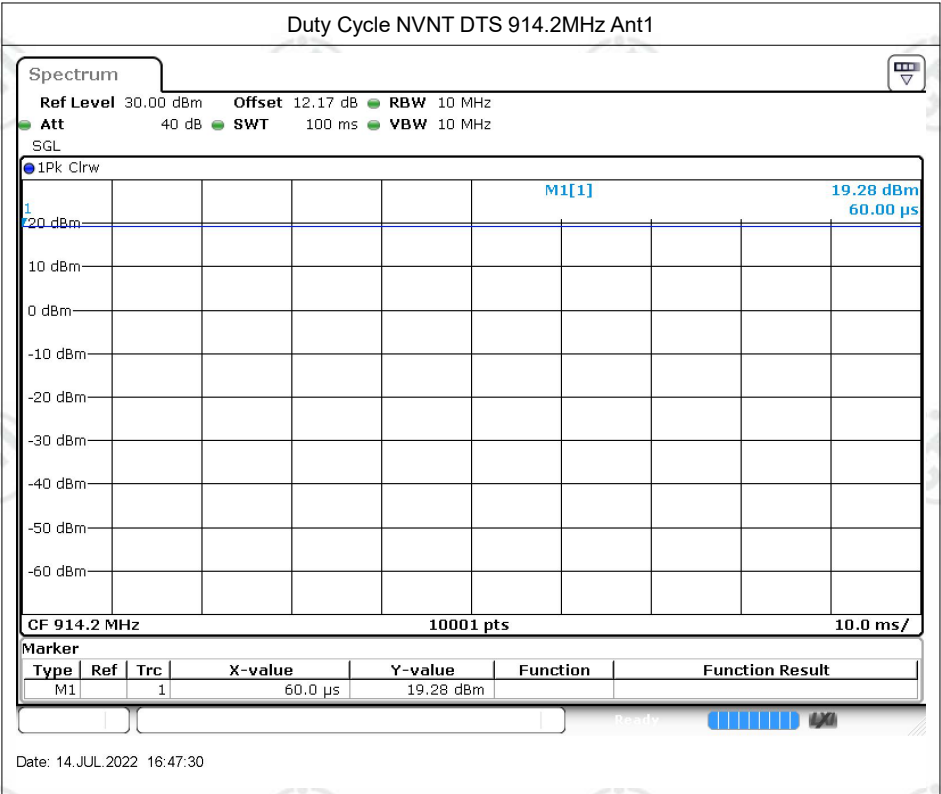
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	DTS	903	Ant1	100	0	0
NVNT	DTS	907.8	Ant1	100	0	0
NVNT	DTS	914.2	Ant1	100	0	0



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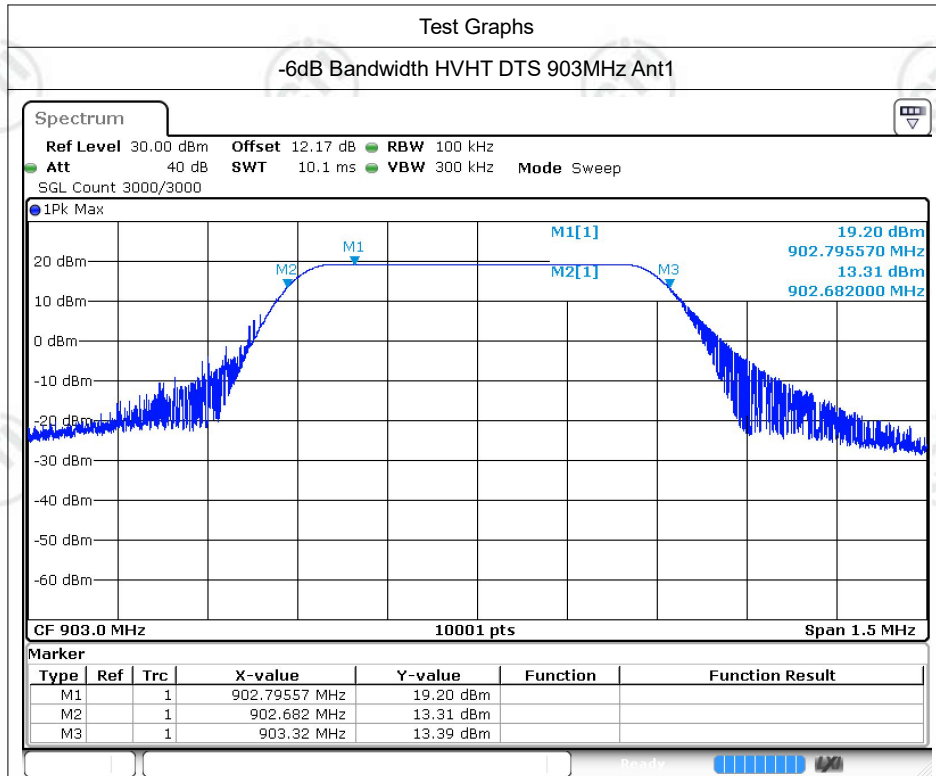


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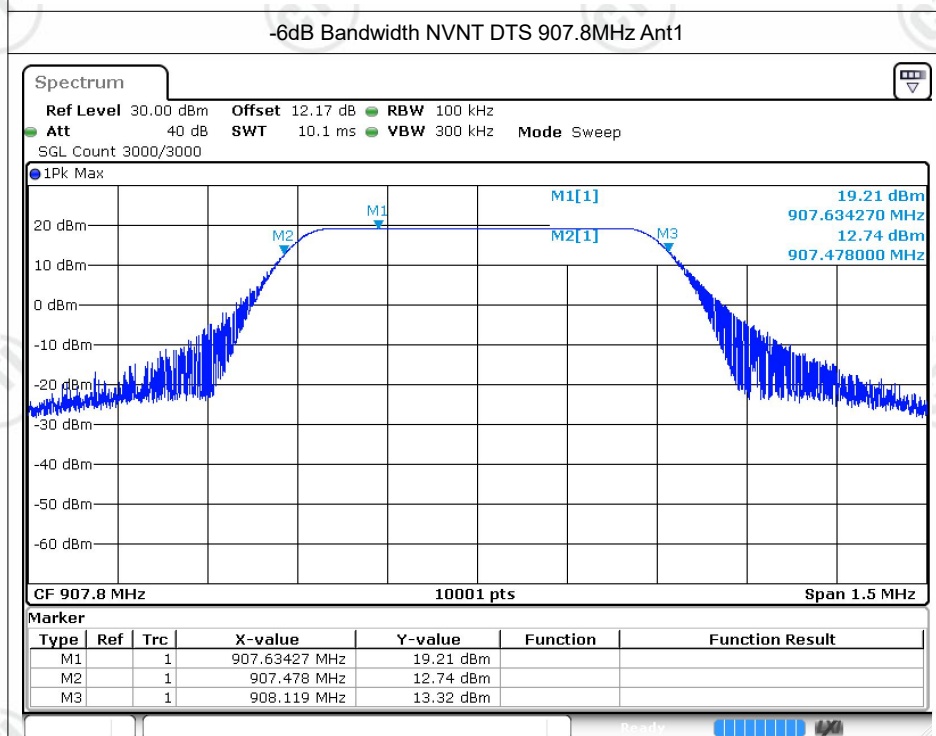


-6dB Bandwidth

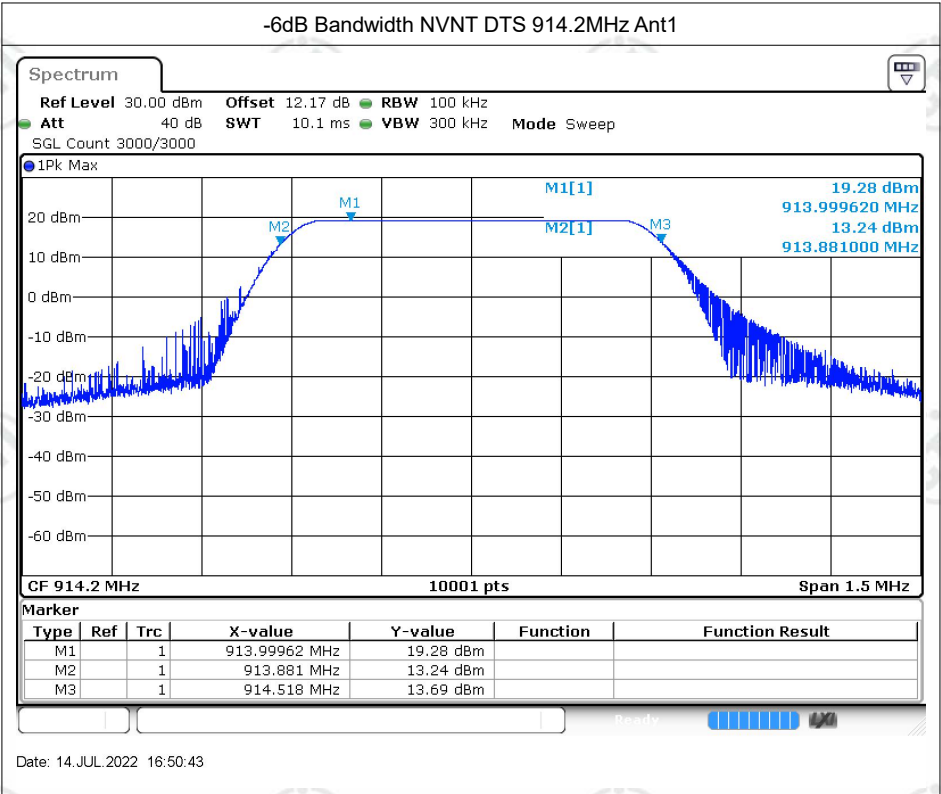
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	DTS	903	Ant1	0.639	0.5	Pass
NVNT	DTS	907.8	Ant1	0.641	0.5	Pass
NVNT	DTS	914.2	Ant1	0.637	0.5	Pass



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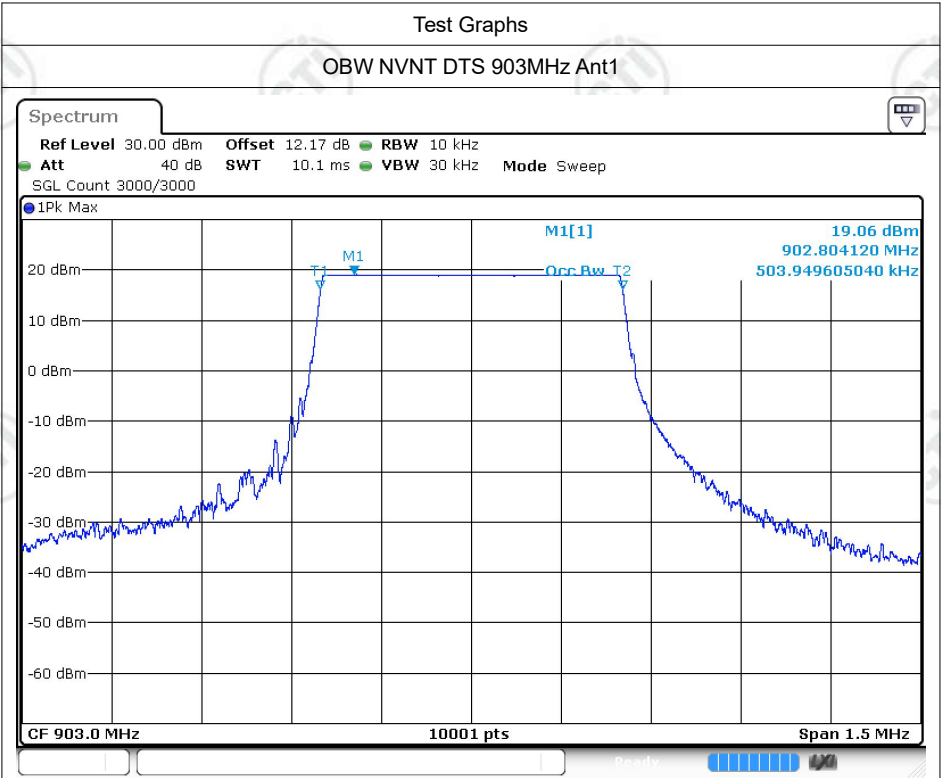


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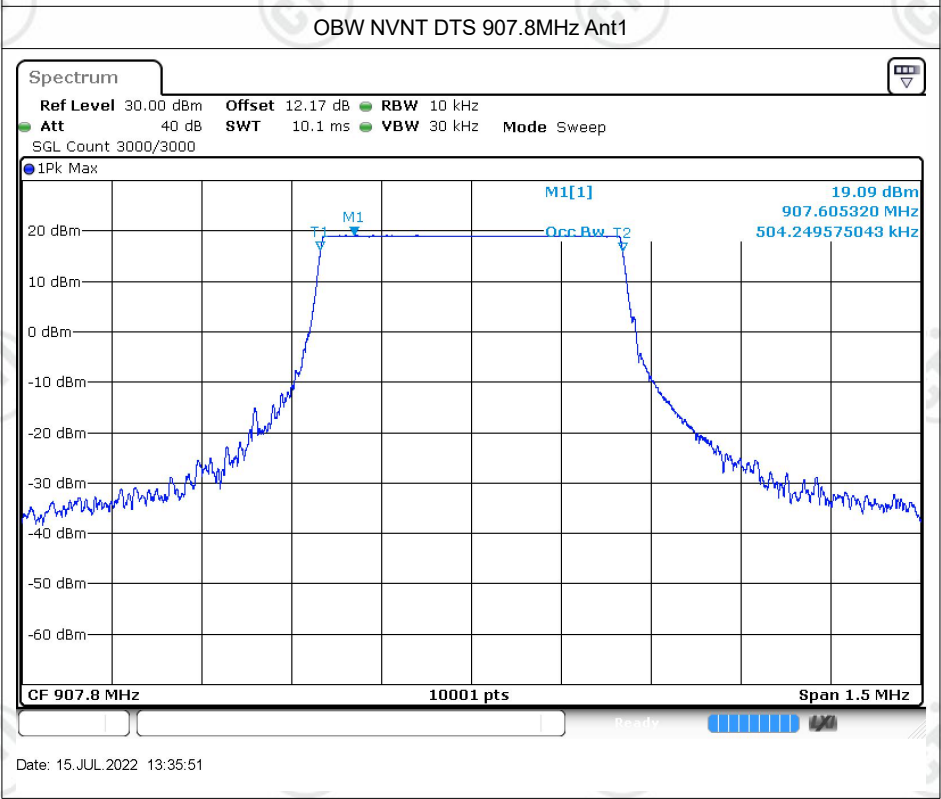


Occupied Channel Bandwidth

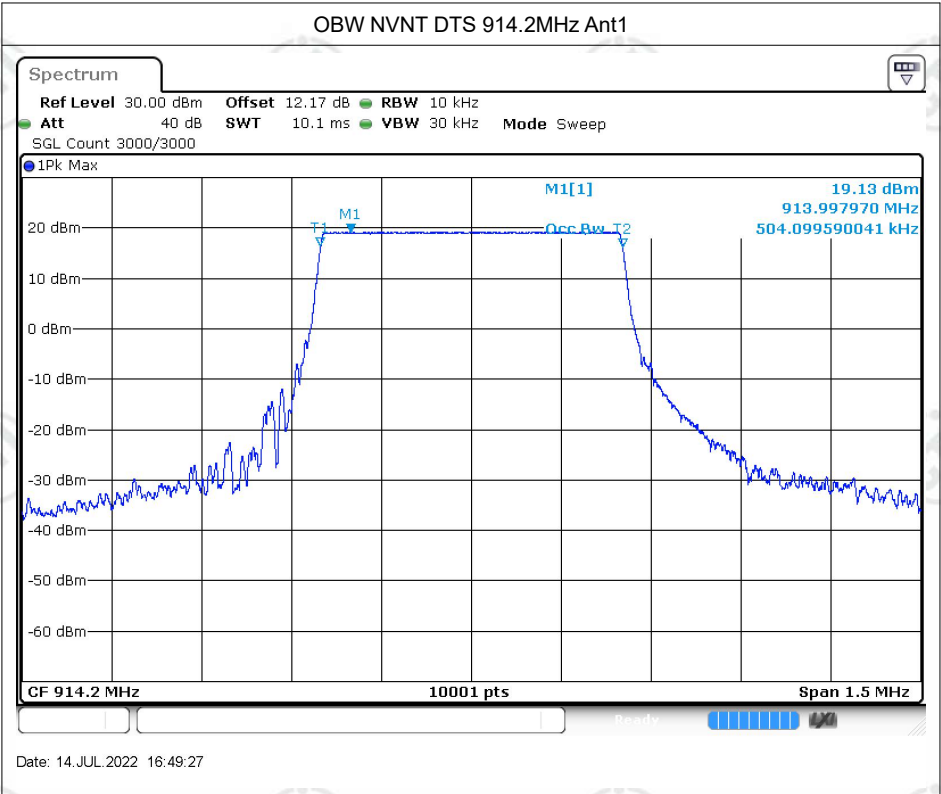
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
HVNT	DTS	903	Ant1	0.504
NVNT	DTS	907.8	Ant1	0.504
NVNT	DTS	914.2	Ant1	0.504



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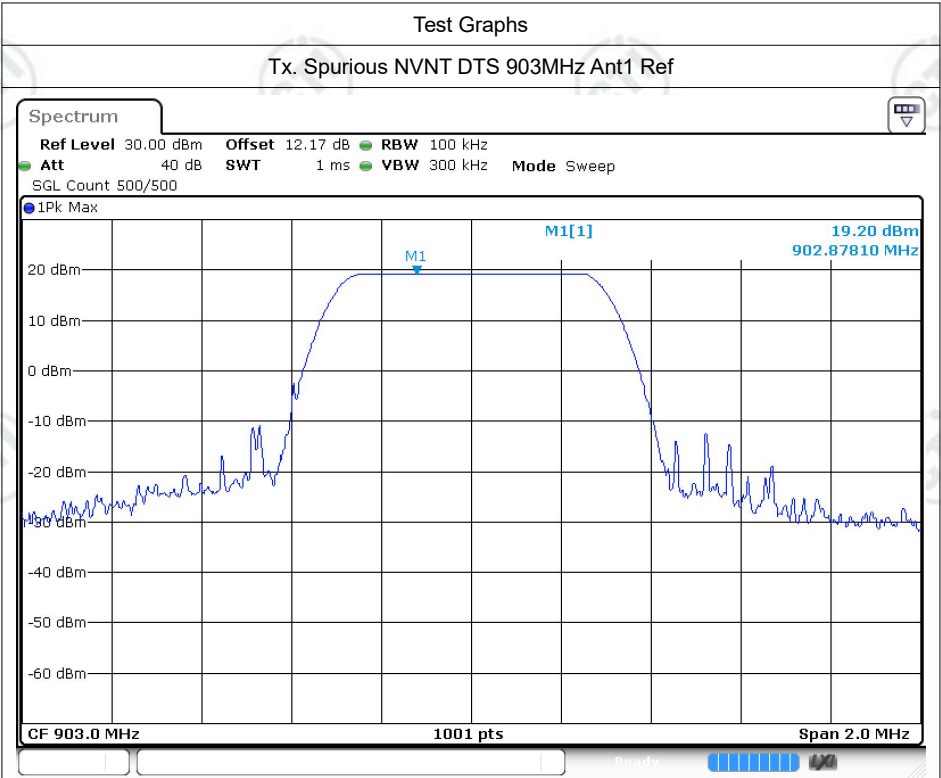


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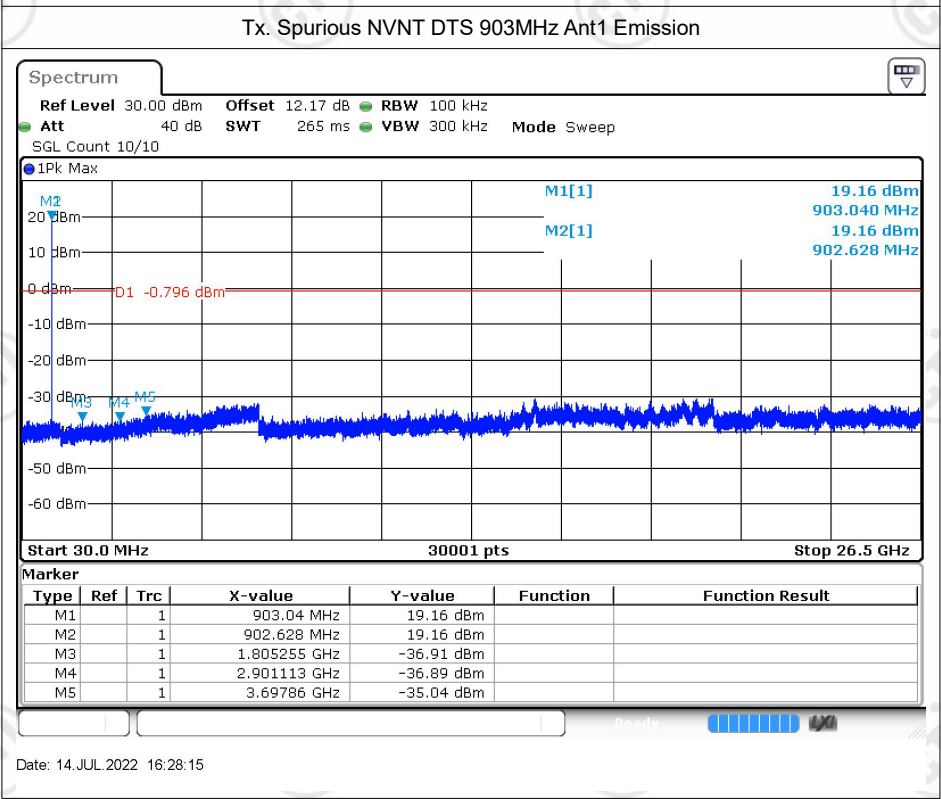


Conducted RF Spurious Emission

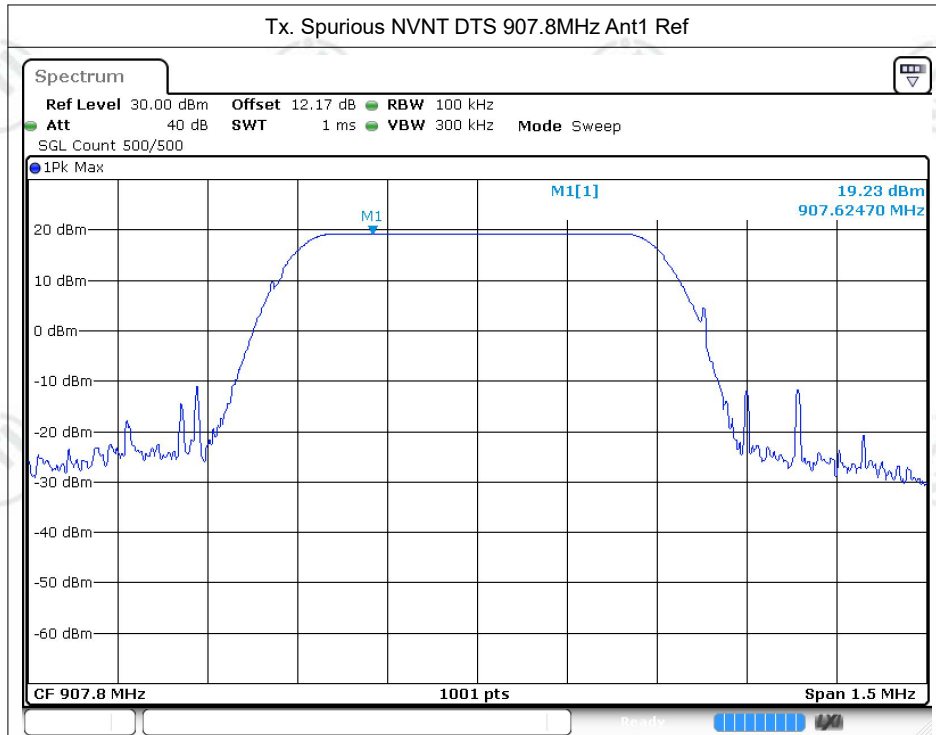
Condition	Mode	Frequency (MHz)	Antenna	Limit (dBm)	Verdict
NVNT	DTS	903	Ant1	-0.80	Pass
NVNT	DTS	907.8	Ant1	-0.77	Pass
NVNT	DTS	914.2	Ant1	-0.75	Pass



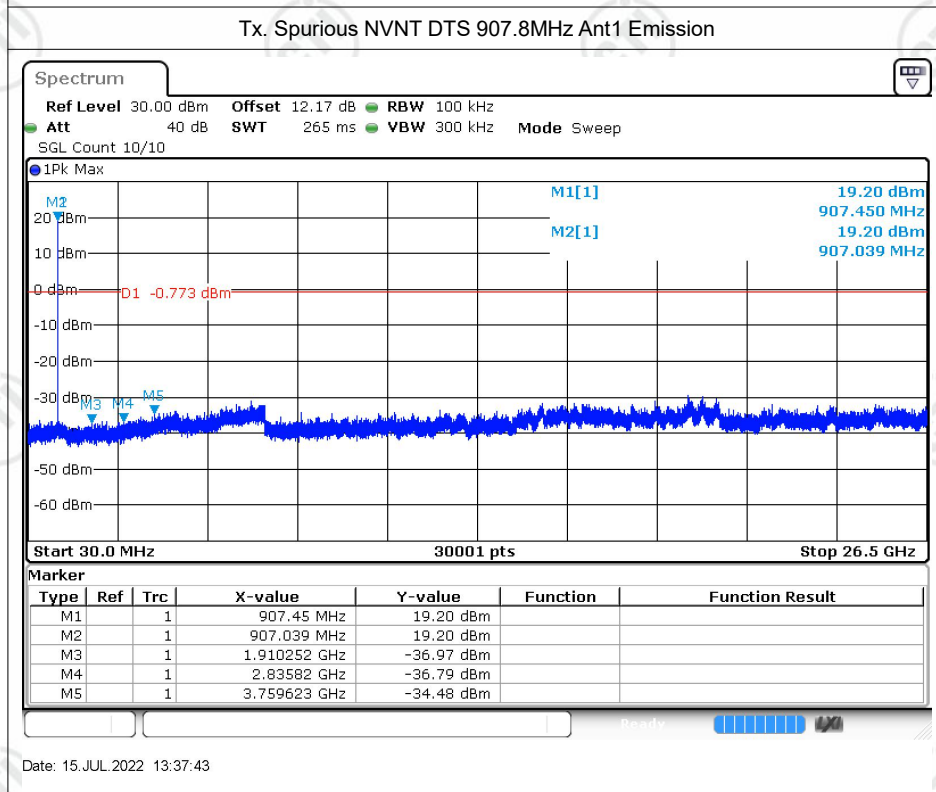
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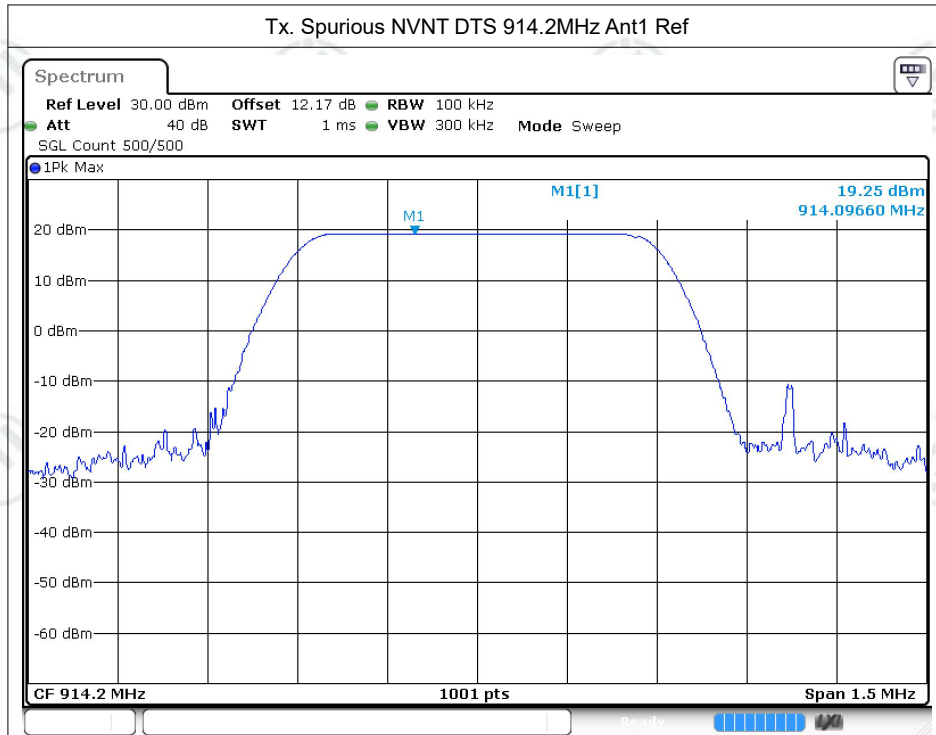
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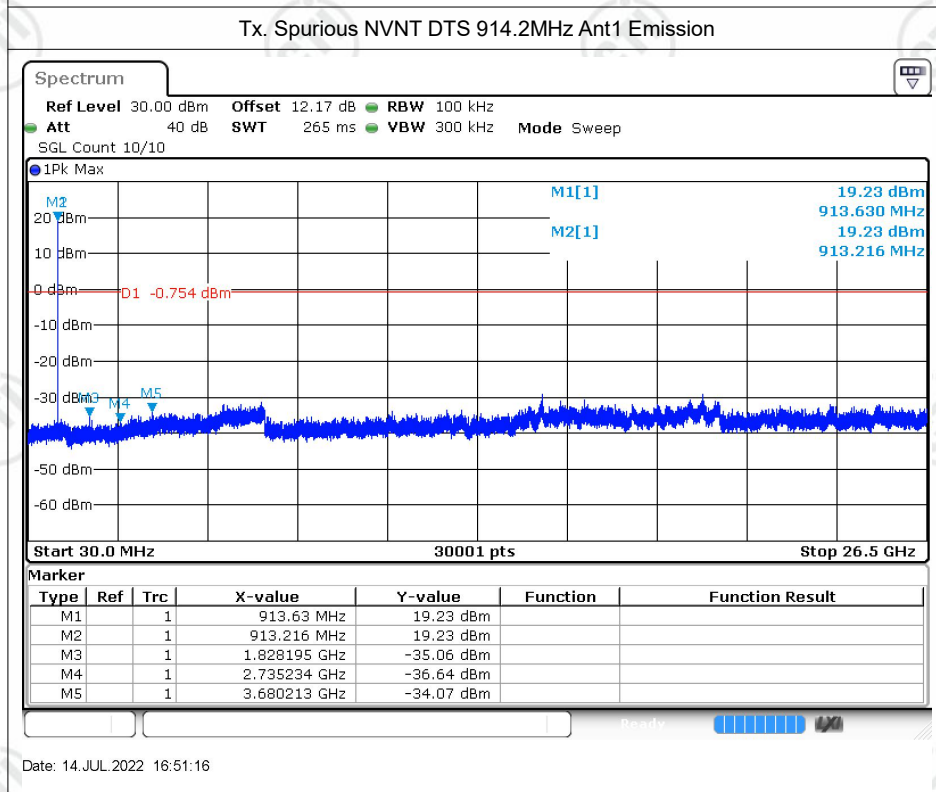
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Date: 15 JUL 2022 13:37:43



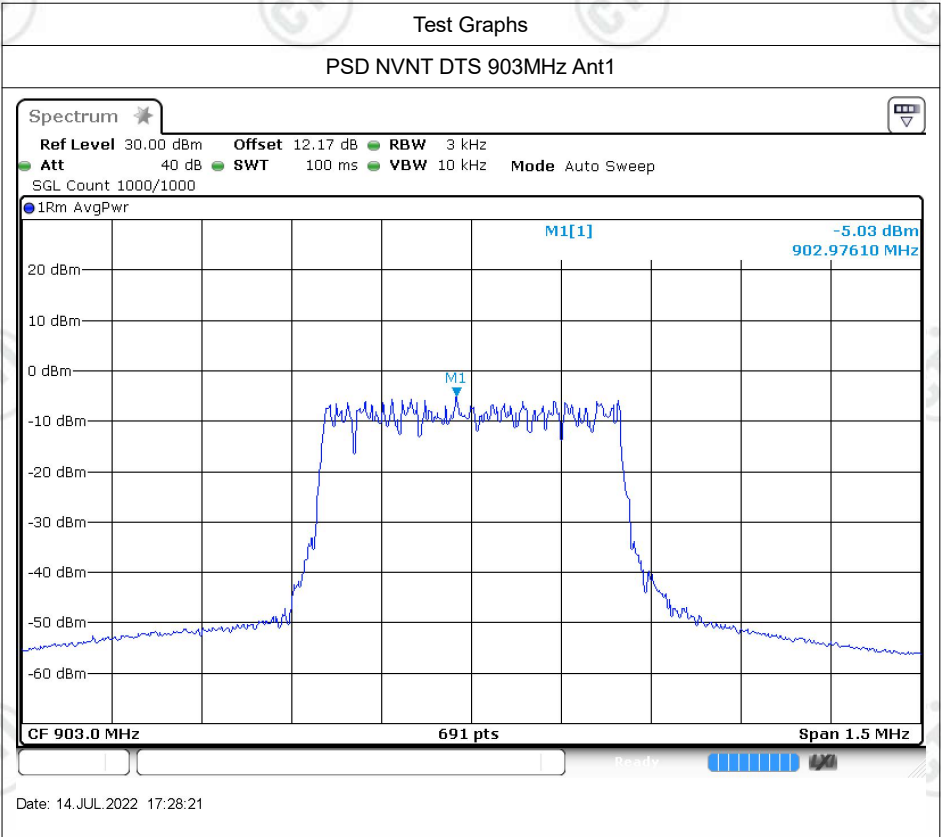
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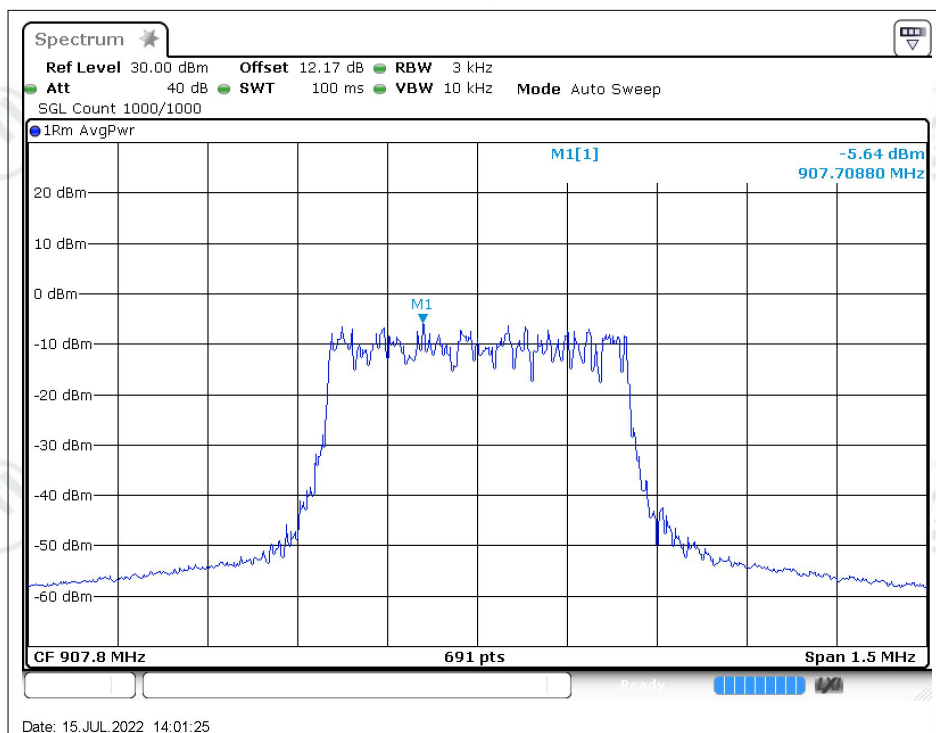
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Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	DTS	903	Ant1	-5.03	0	-5.03	8	Pass
NVNT	DTS	907.8	Ant1	-5.64	0	-5.64	8	Pass
NVNT	DTS	914.2	Ant1	-4.09	0	-4.09	8	Pass

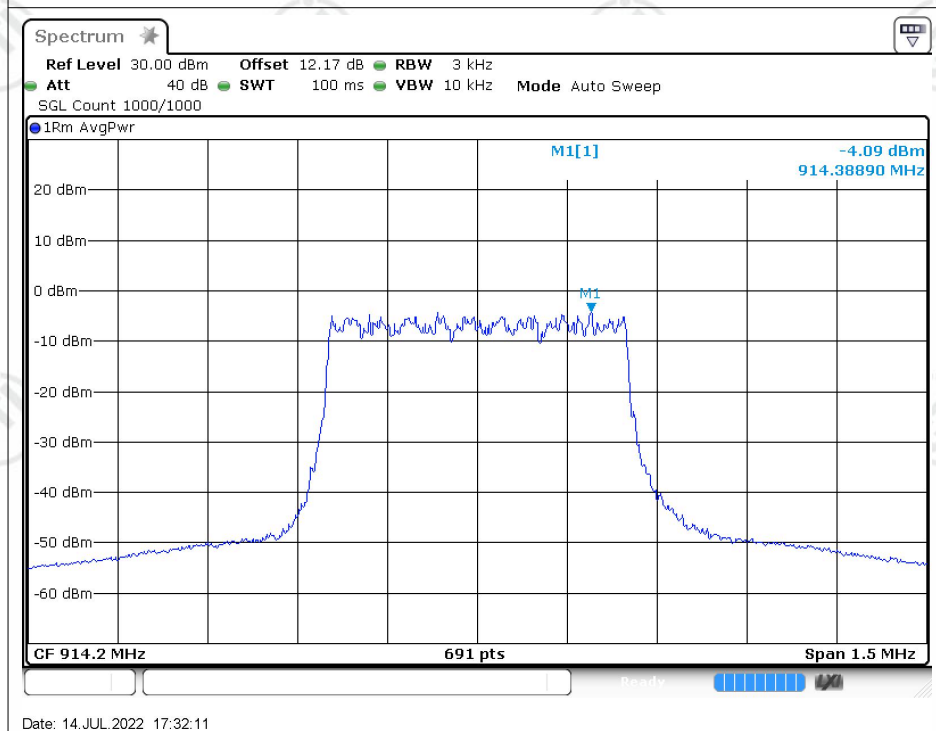


Test Graphs
PSD NVNT DTS 907.8MHz Ant1



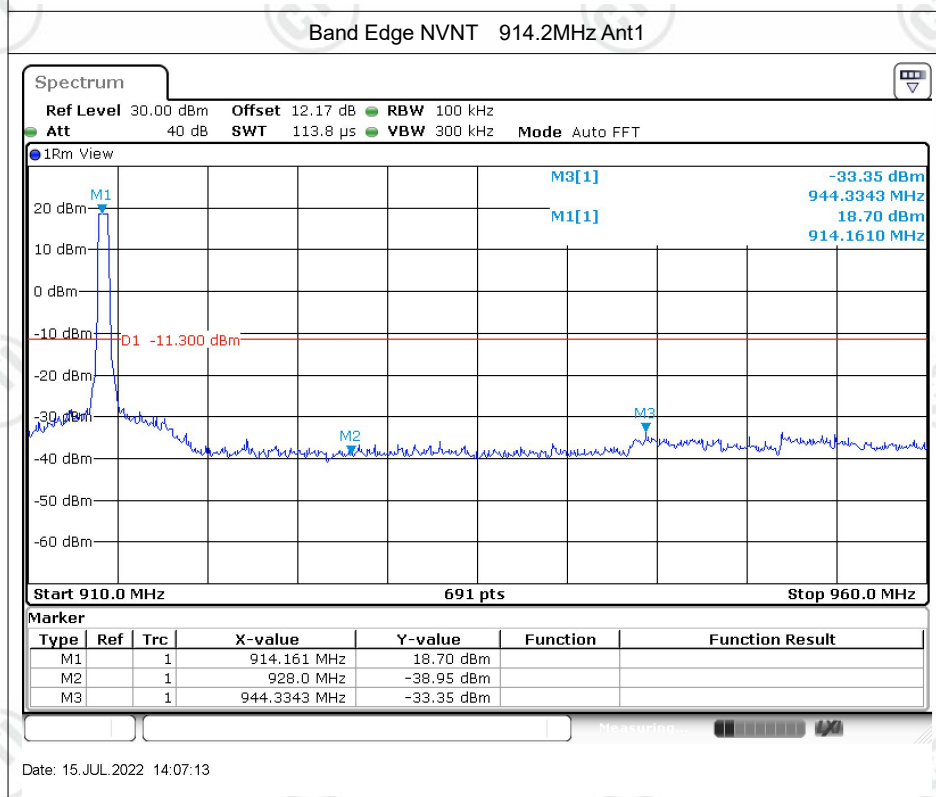
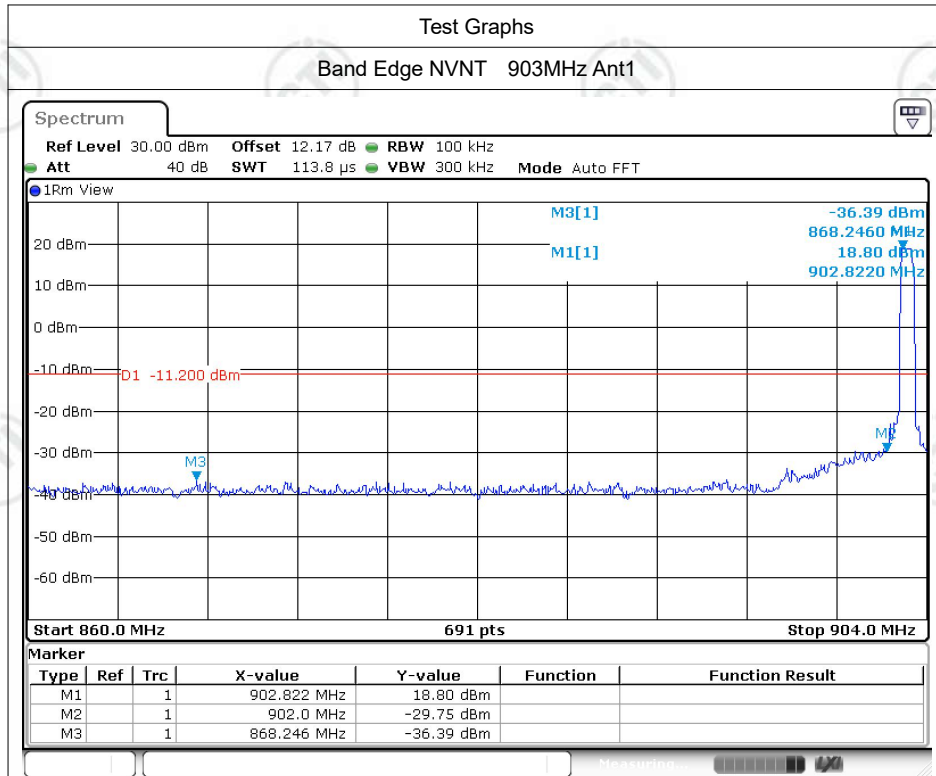
Test Graphs

PSD NVNT DTS 914.2MHz Ant1



Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	DTS	903	Ant1	No-Hopping	-29.79	-11.2	Pass
NVNT	DTS	914.2	Ant1	No-Hopping	-38.95	-11.3	Pass



*** End of Report ***