



Appendix A

RF Test Data (Conducted Measurement)

Product Name: 7-Inch Calling System

Test Model: TD035

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Taylor Hu
Supervised by:	Li Huan





A.1 -6dB Bandwidth

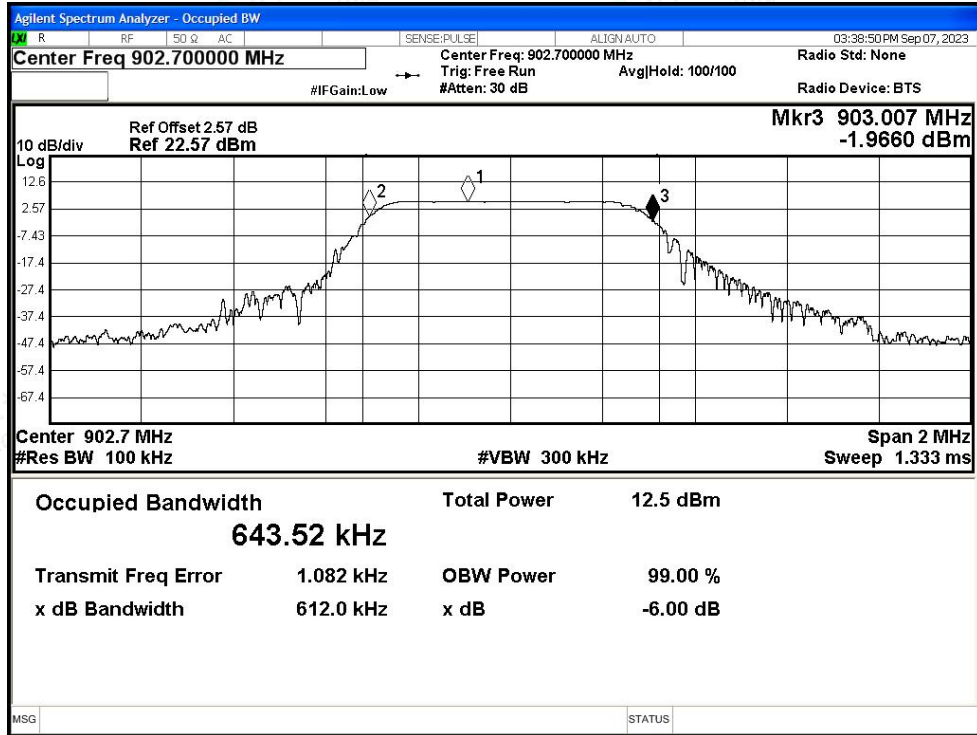
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	GFSK	902.7	Ant1	0.612	>=0.5	Pass
NVNT	GFSK	914.7	Ant1	0.613	>=0.5	Pass
NVNT	GFSK	925.7	Ant1	0.621	>=0.5	Pass



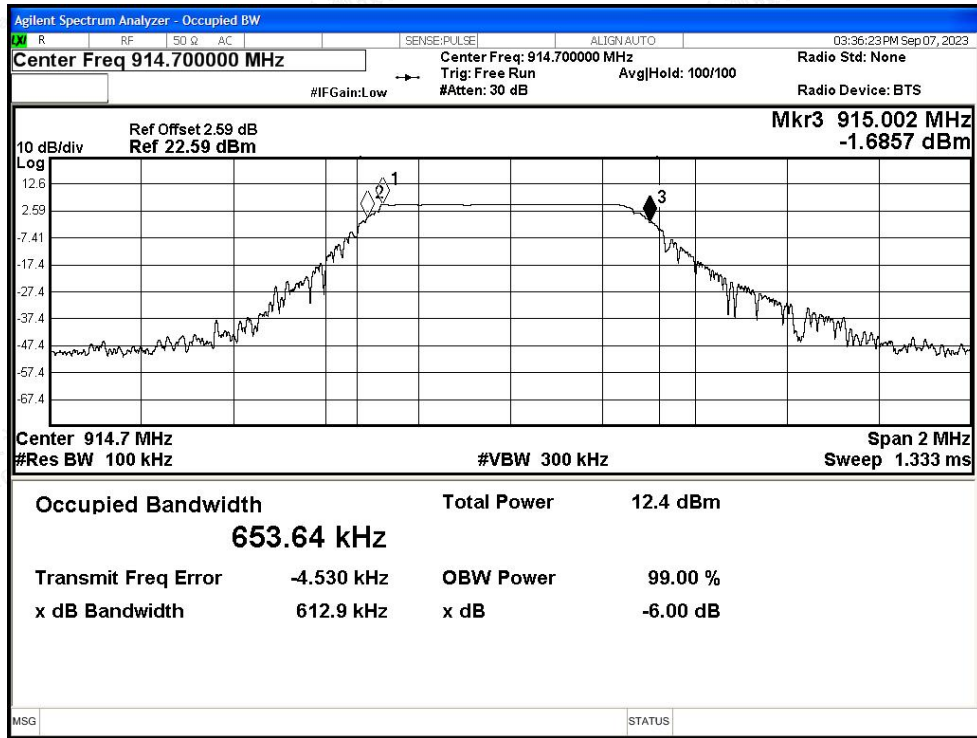


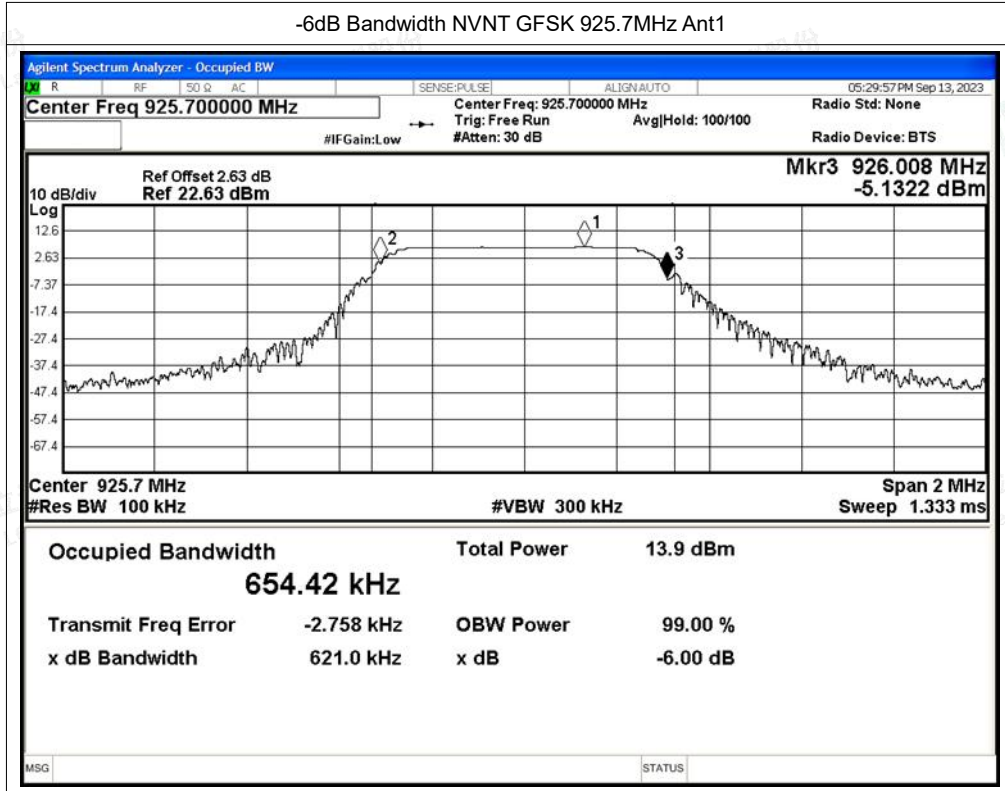
Test Graphs

-6dB Bandwidth NVNT GFSK 902.7MHz Ant1



-6dB Bandwidth NVNT GFSK 914.7MHz Ant1







A.2 Maximum Conducted Output Power

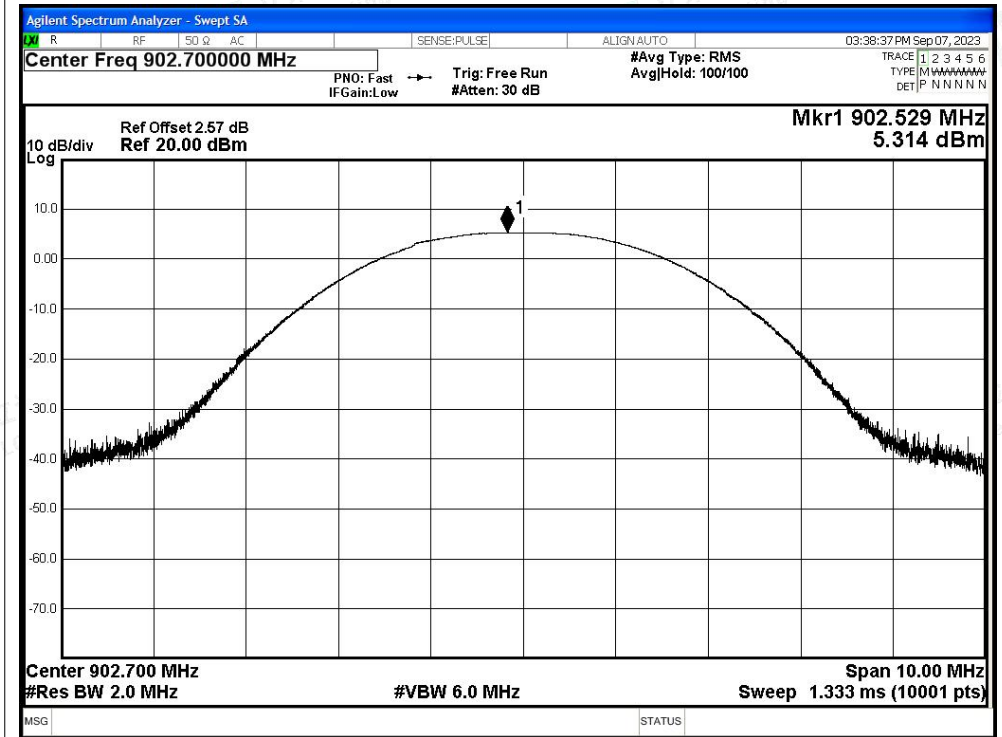
Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	GFSK	902.7	Ant1	5.31	30	Pass
NVNT	GFSK	914.7	Ant1	5.05	30	Pass
NVNT	GFSK	925.7	Ant1	6.74	30	Pass



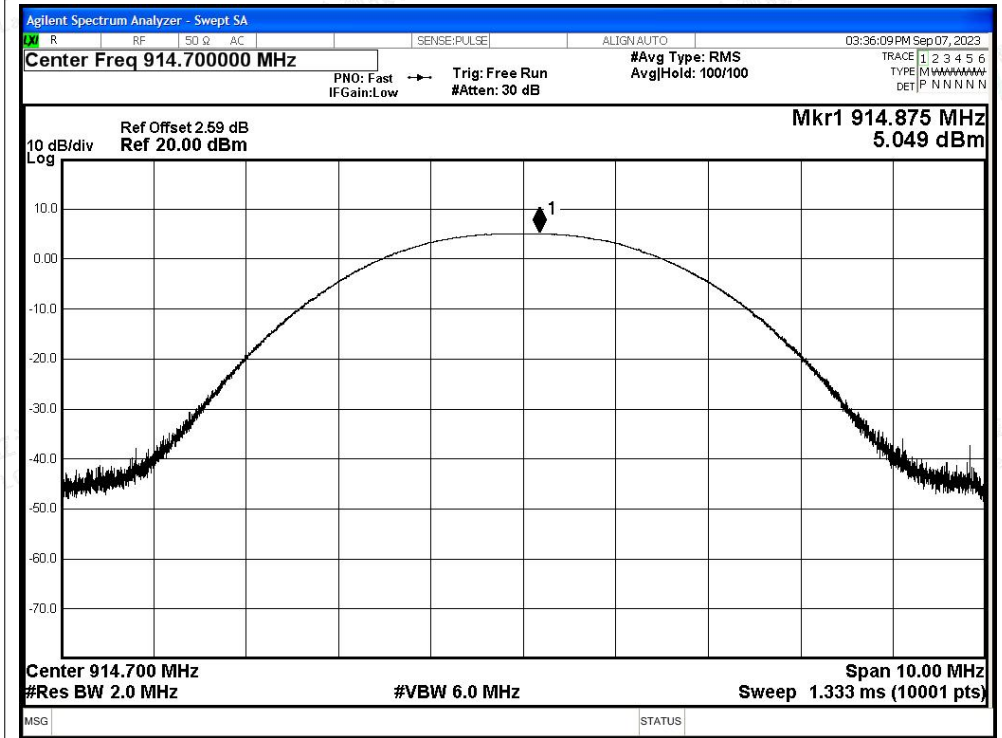


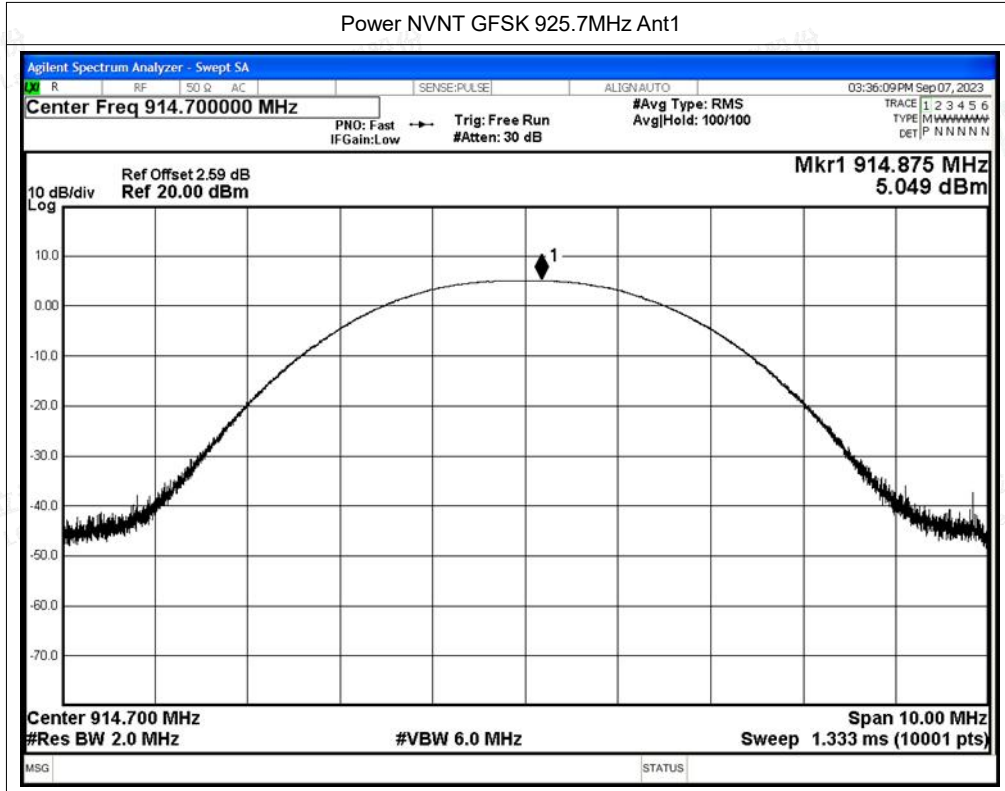
Test Graphs

Power NVNT GFSK 902.7MHz Ant1



Power NVNT GFSK 914.7MHz Ant1







A.3 Maximum Power Spectral Density Level

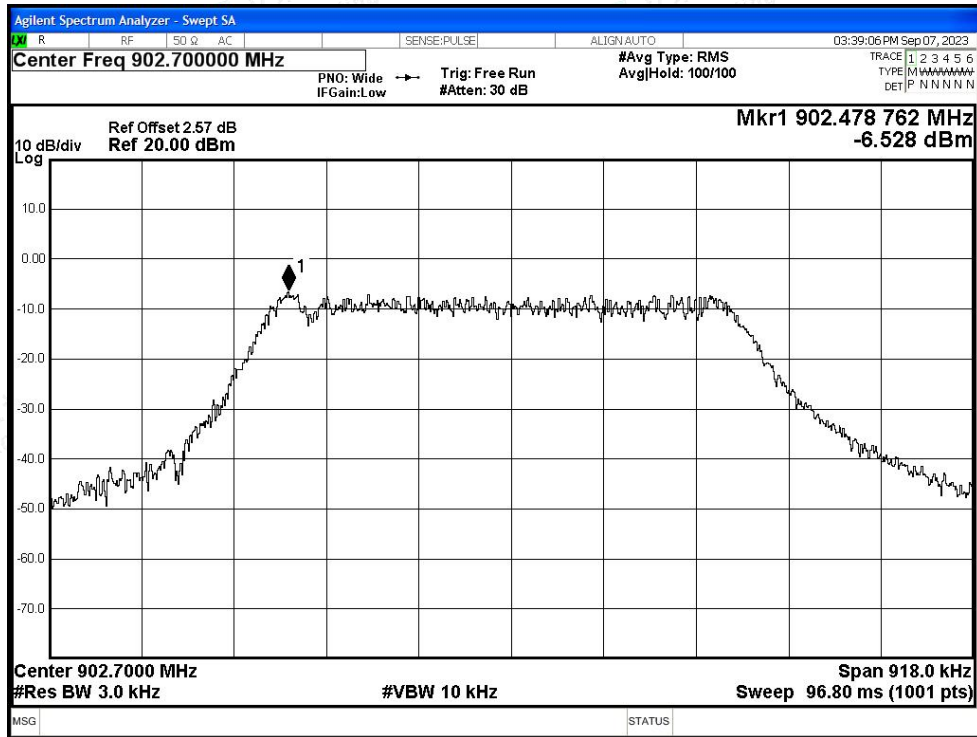
Condition	Mode	Frequency (MHz)	Antenna	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	GFSK	902.7	Ant1	-6.53	8	Pass
NVNT	GFSK	914.7	Ant1	-6.83	8	Pass
NVNT	GFSK	925.7	Ant1	-5.15	8	Pass



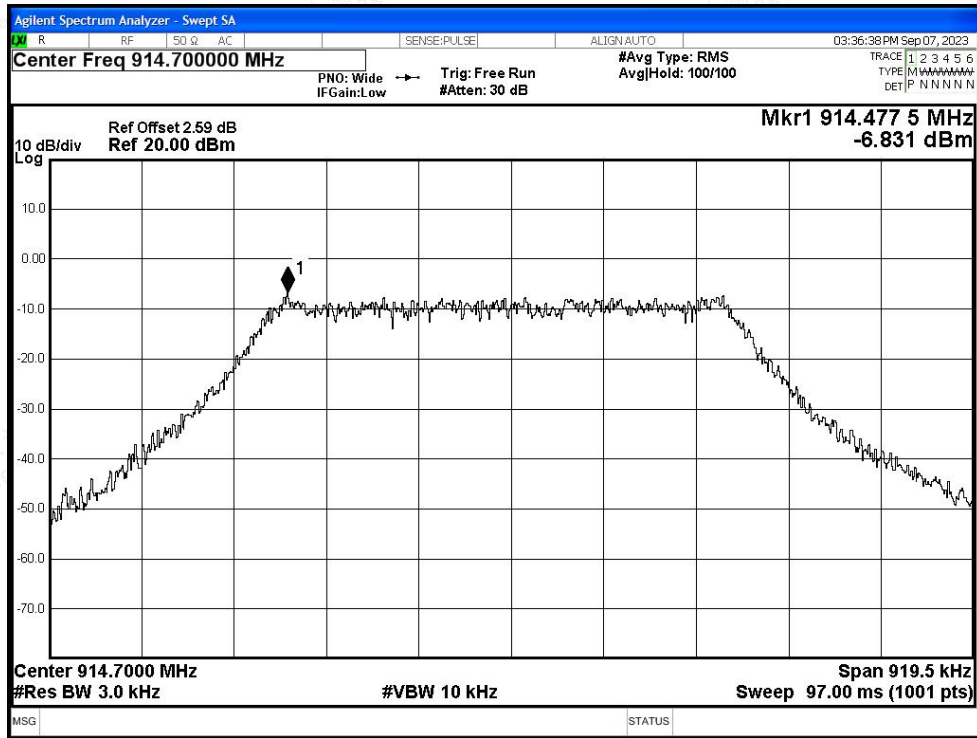


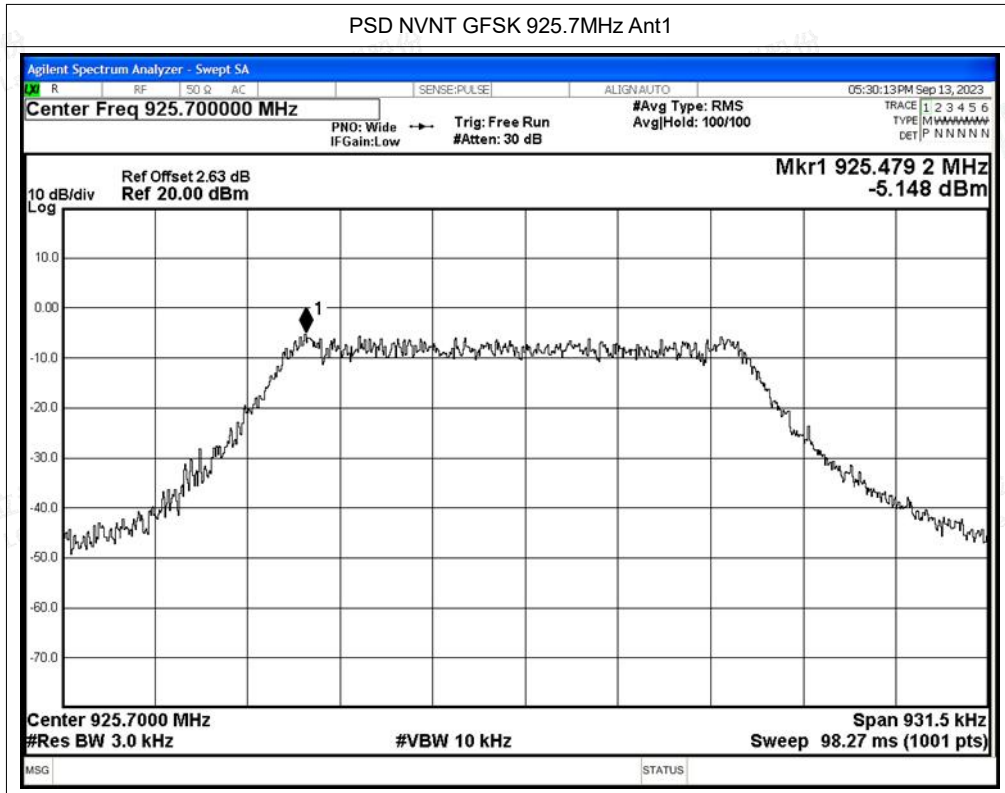
Test Graphs

PSD NVNT GFSK 902.7MHz Ant1



PSD NVNT GFSK 914.7MHz Ant1







A.4 Band Edge

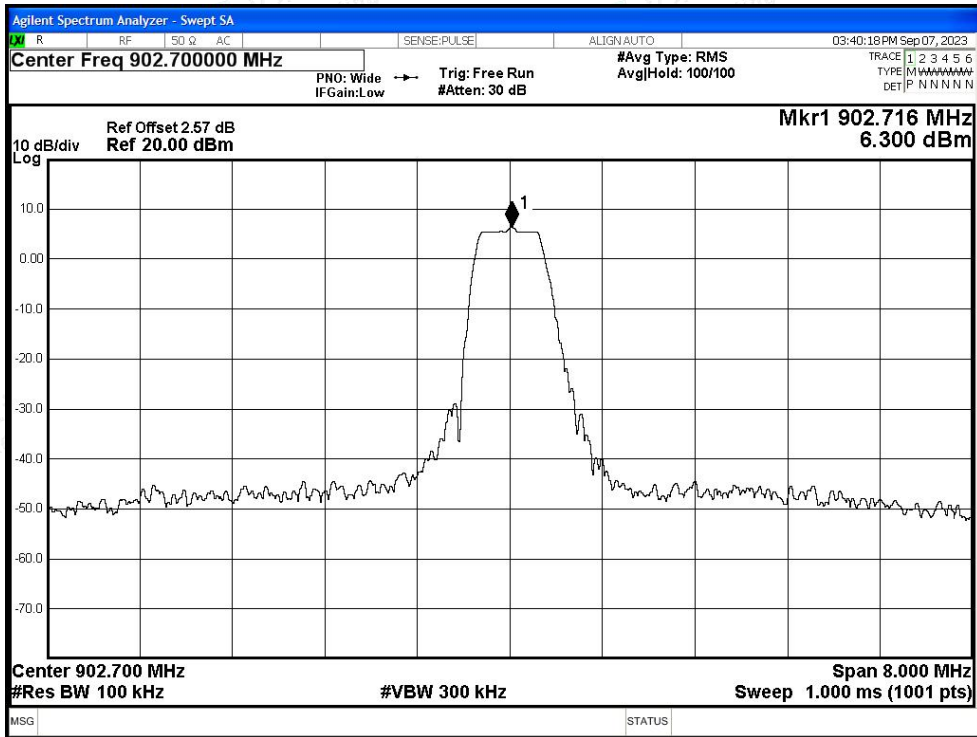
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	GFSK	902.7	Ant1	-45.17	-20	Pass
NVNT	GFSK	925.7	Ant1	-49.88	-20	Pass



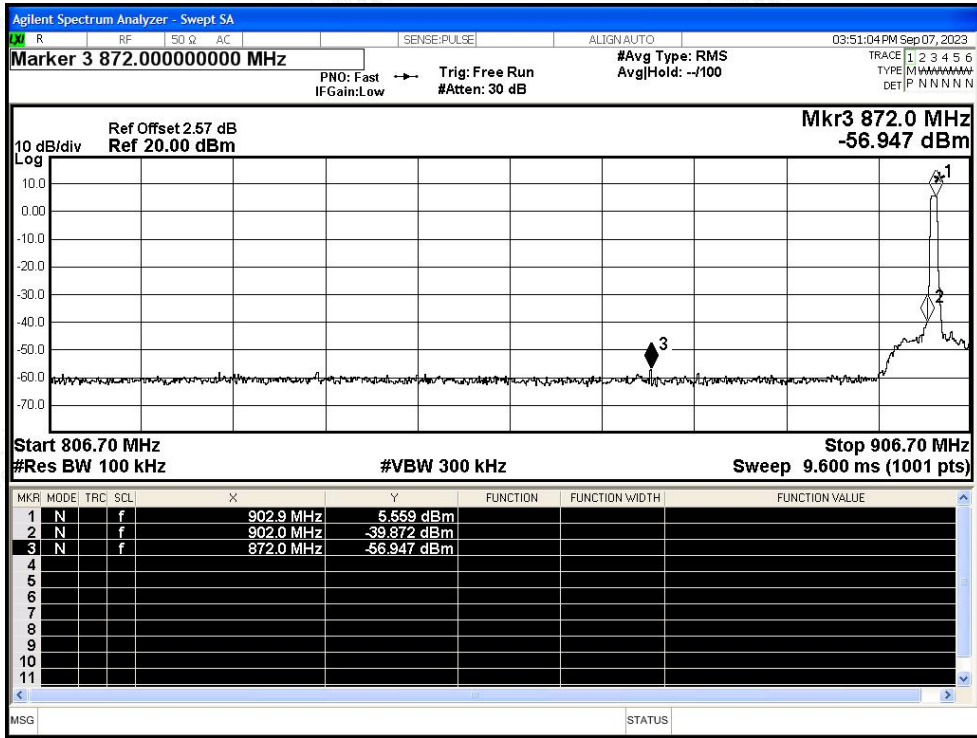


Test Graphs

Band Edge NVNT GFSK 902.7MHz Ant1 Ref

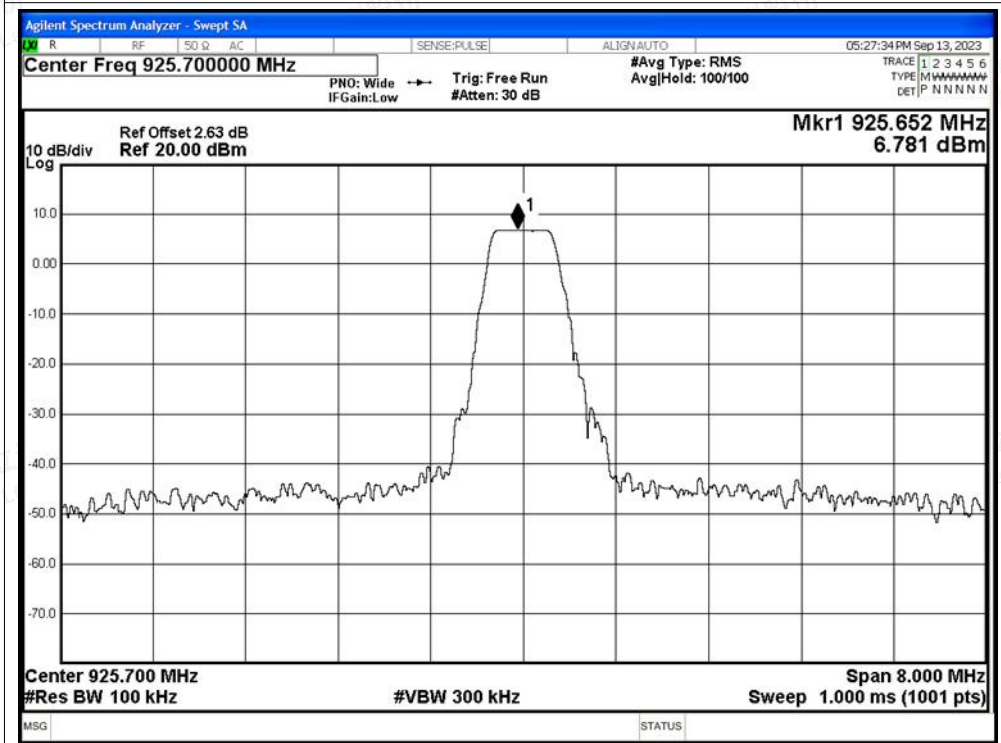


Band Edge NVNT GFSK 902.7MHz Ant1 Emission

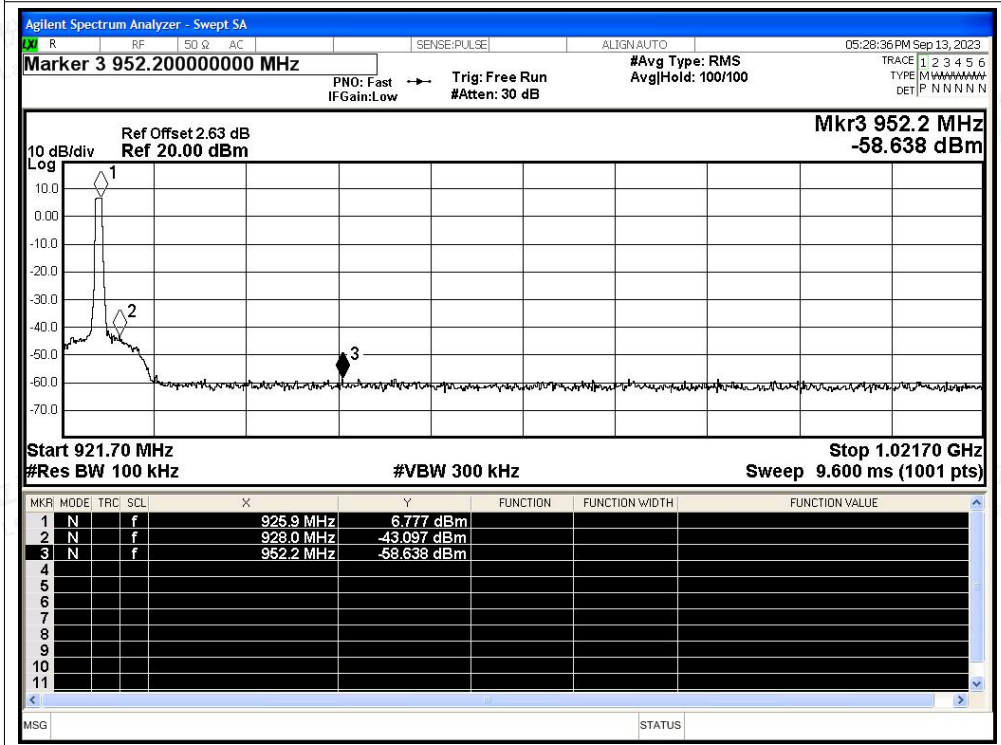




Band Edge NVNT GFSK 925.7MHz Ant1 Ref



Band Edge NVNT GFSK 925.7MHz Ant1 Emission





A.5 Conducted RF Spurious Emission

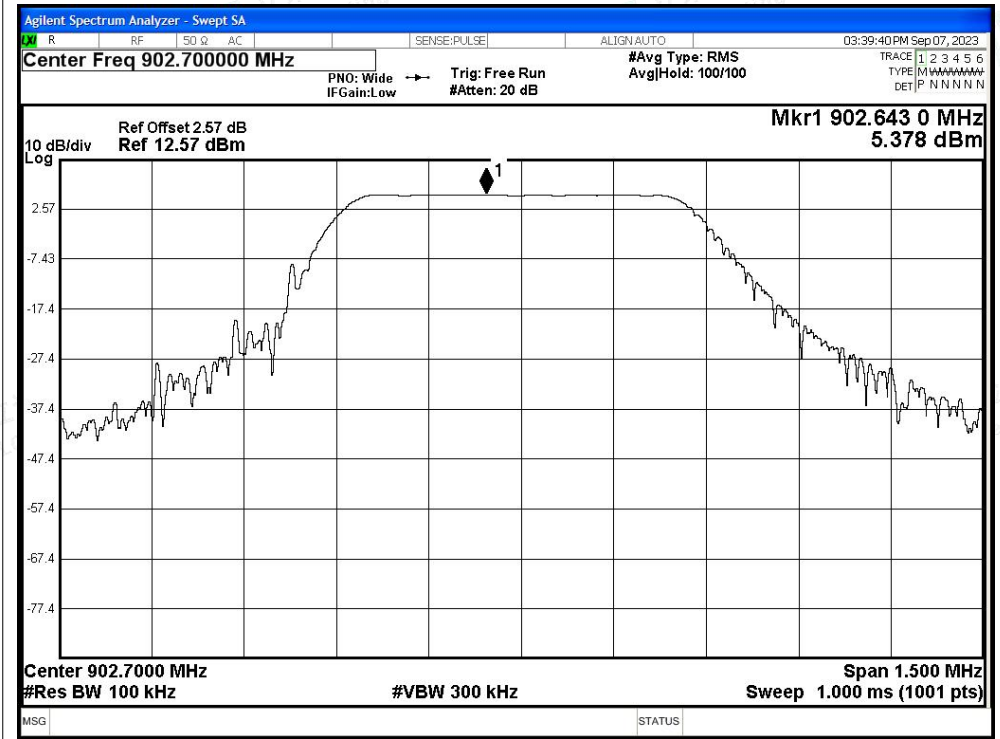
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	GFSK	902.7	Ant1	-44.04	-20	Pass
NVNT	GFSK	914.7	Ant1	-42.7	-20	Pass
NVNT	GFSK	925.7	Ant1	-49.55	-20	Pass



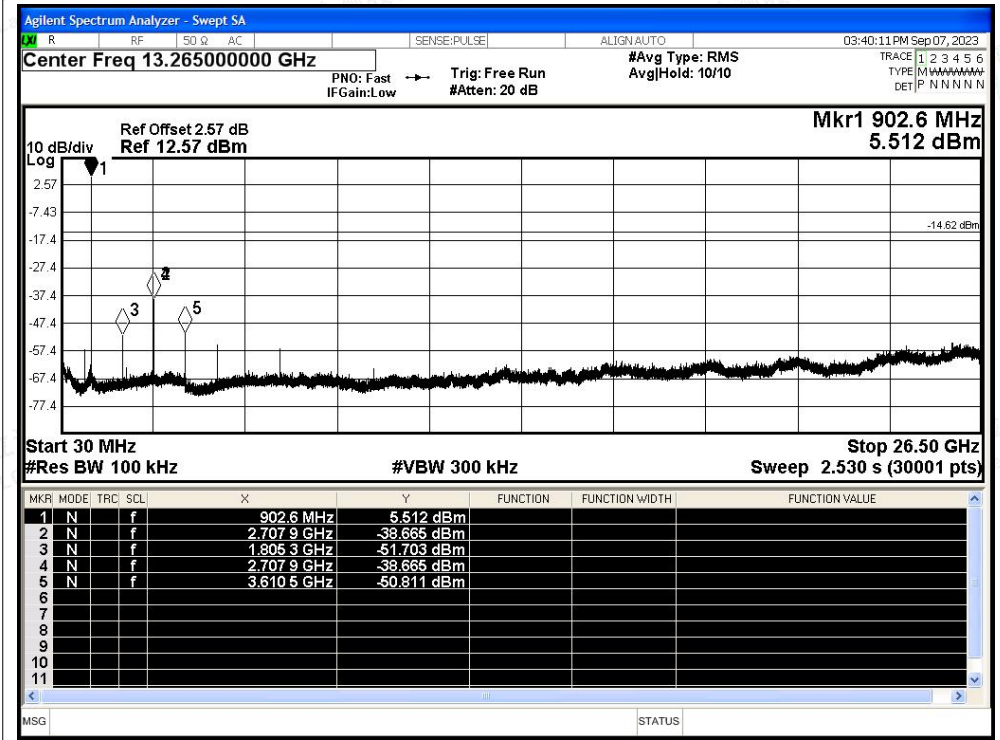


Test Graphs

Tx. Spurious NVNT GFSK 902.7MHz Ant1 Ref

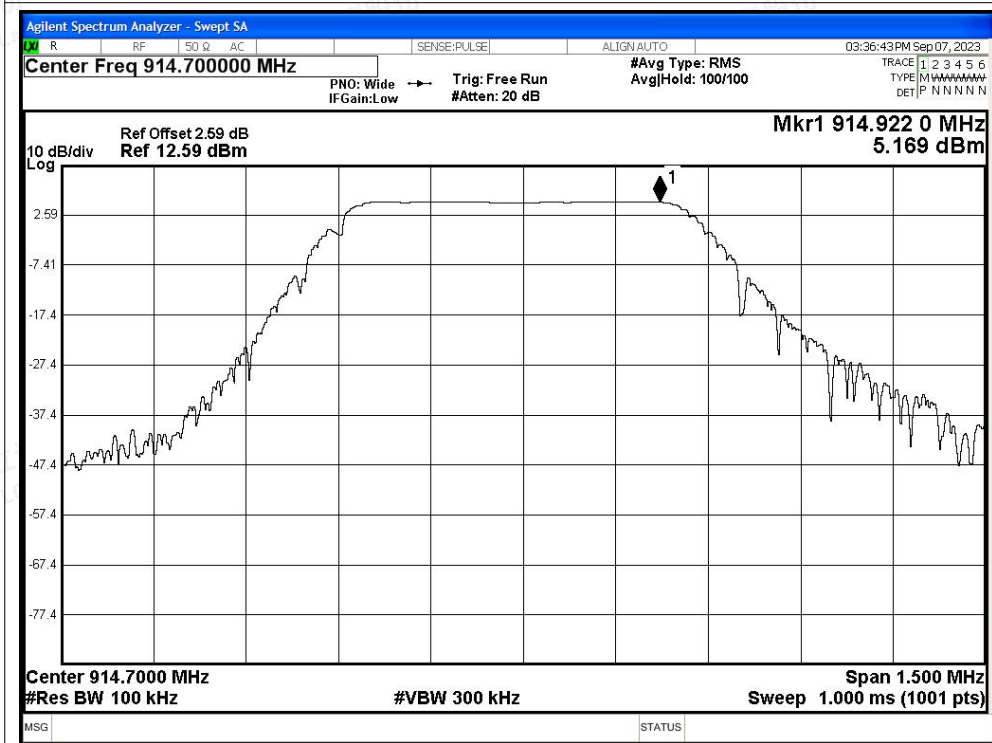


Tx. Spurious NVNT GFSK 902.7MHz Ant1 Emission

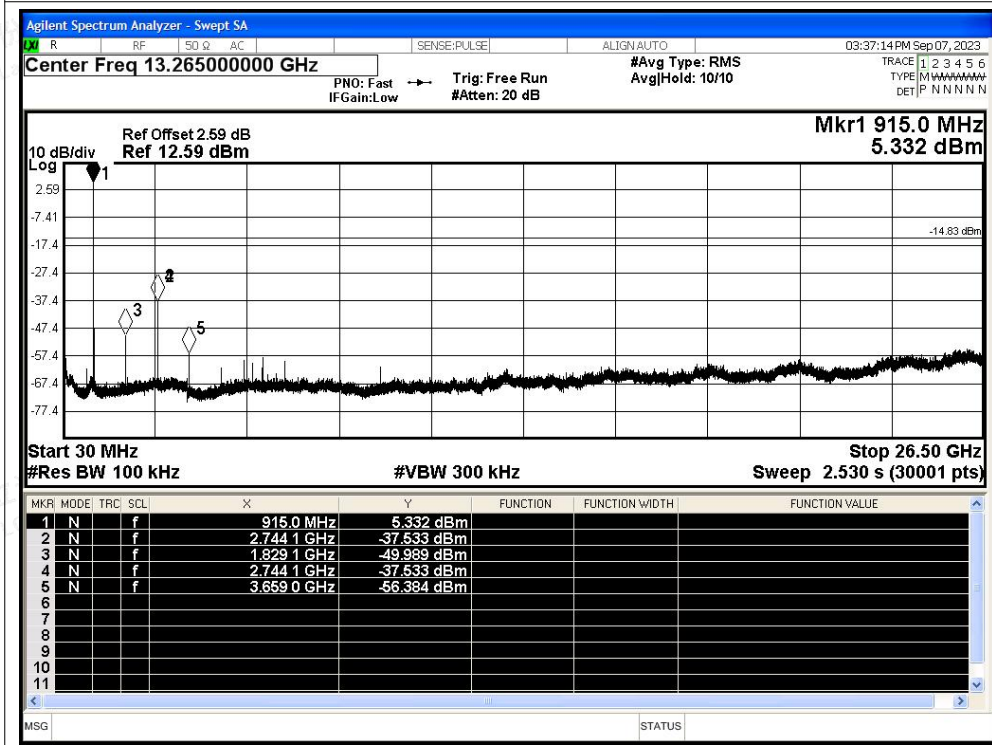




Tx. Spurious NVNT GFSK 914.7MHz Ant1 Ref

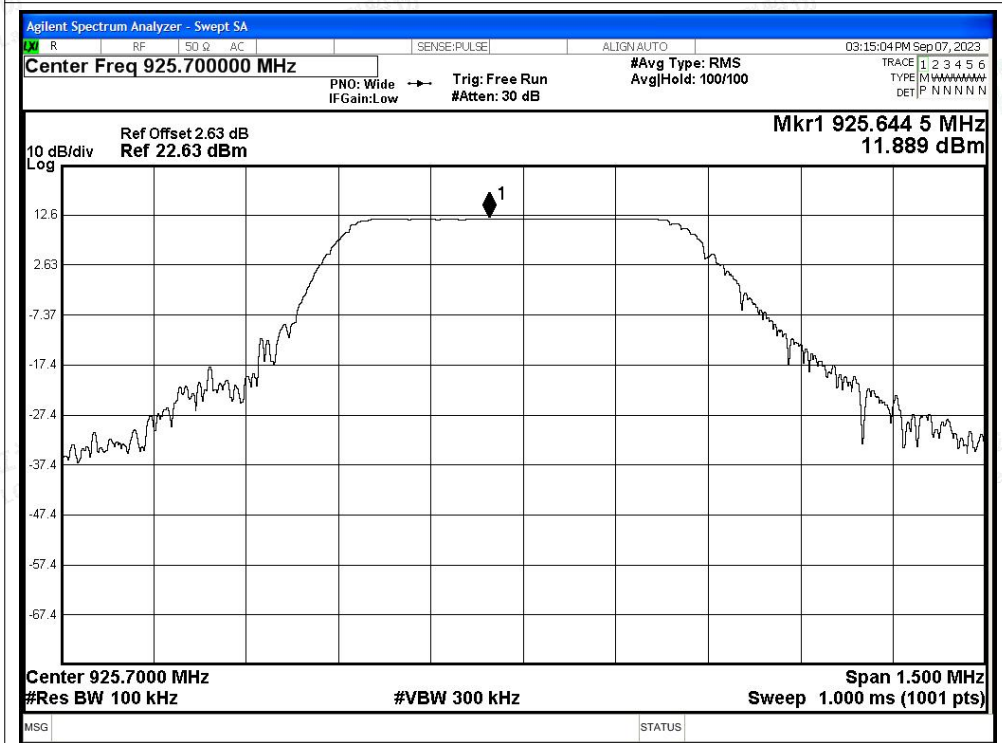


Tx. Spurious NVNT GFSK 914.7MHz Ant1 Emission

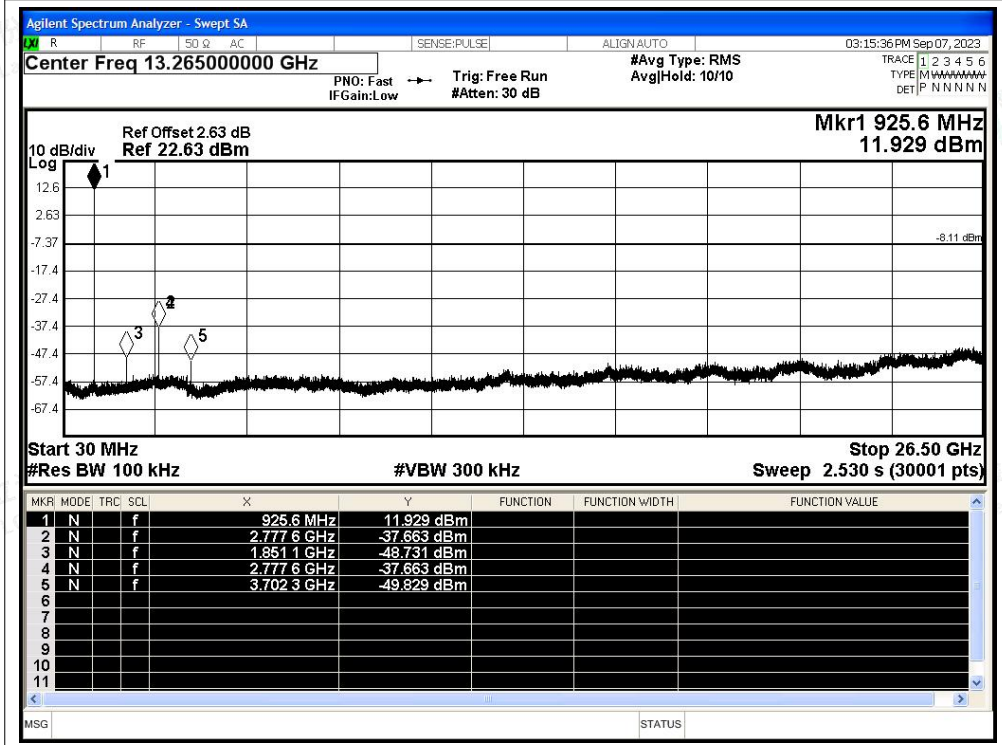




Tx. Spurious NVNT GFSK 925.7MHz Ant1 Ref



Tx. Spurious NVNT GFSK 925.7MHz Ant1 Emission



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