Appendix A for KSCR210900010501

1. Bandwidth

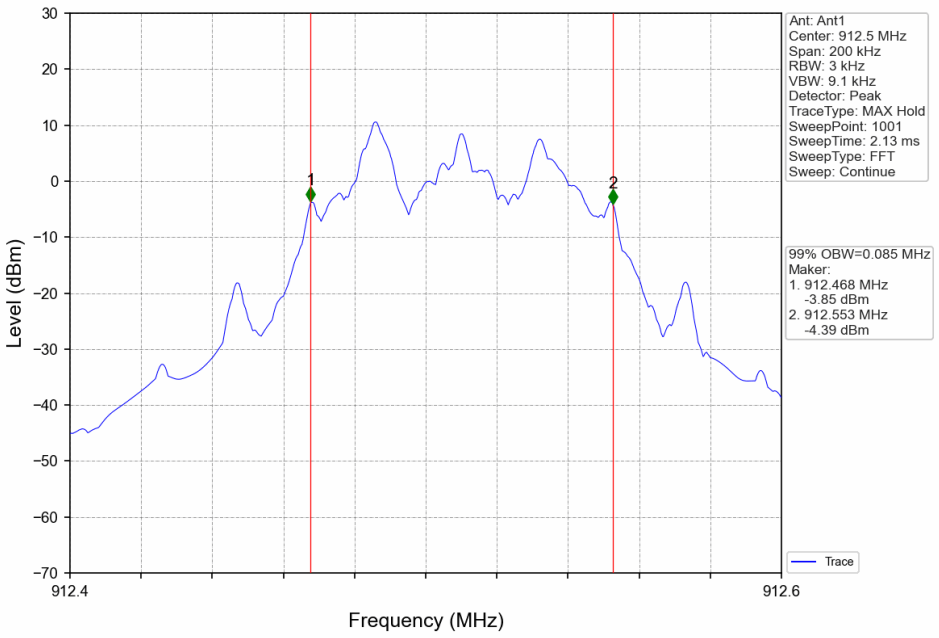
1.1 OBW

1.1.1 Test Result

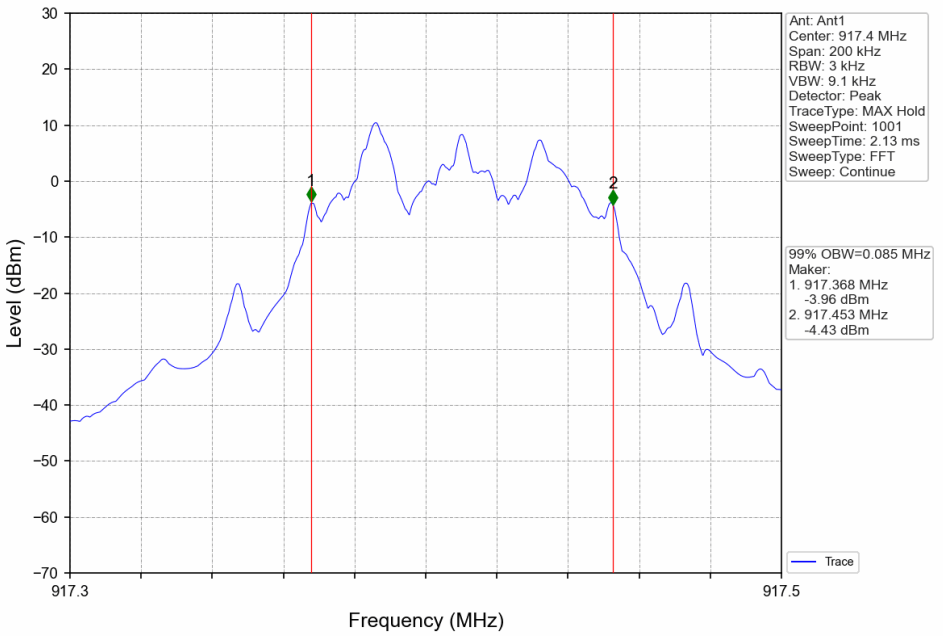
Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz) Result	Verdict
FSK	SISO	912.5	1	0.085	Pass
		917.4	1	0.085	Pass

1.1.2 Test Graph

P_LCH_912.5MHz_Ant1_NTNV



P_HCH_917.4MHz_Ant1_NTNV



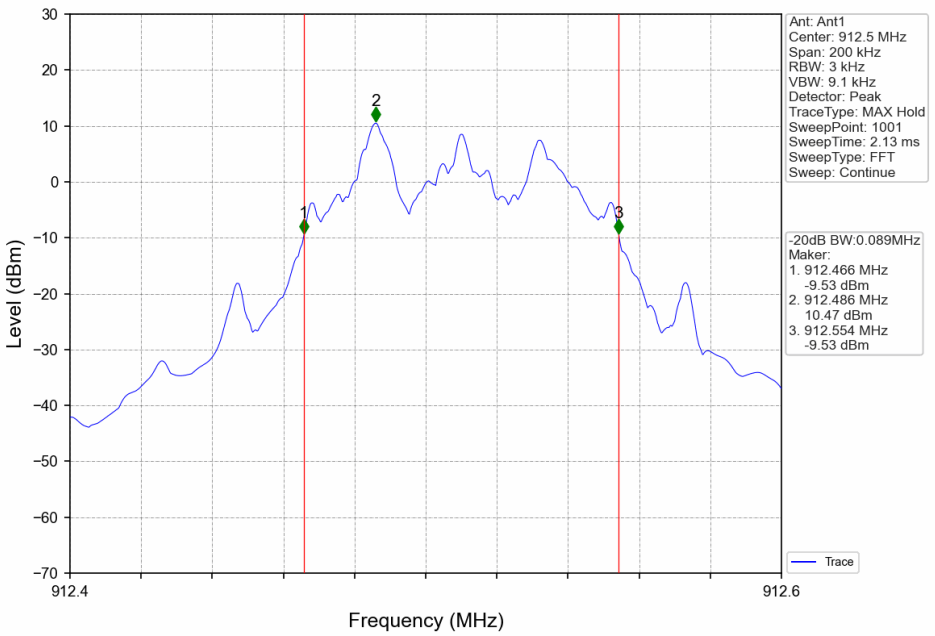
1.2 20dB BW

1.2.1 Test Result

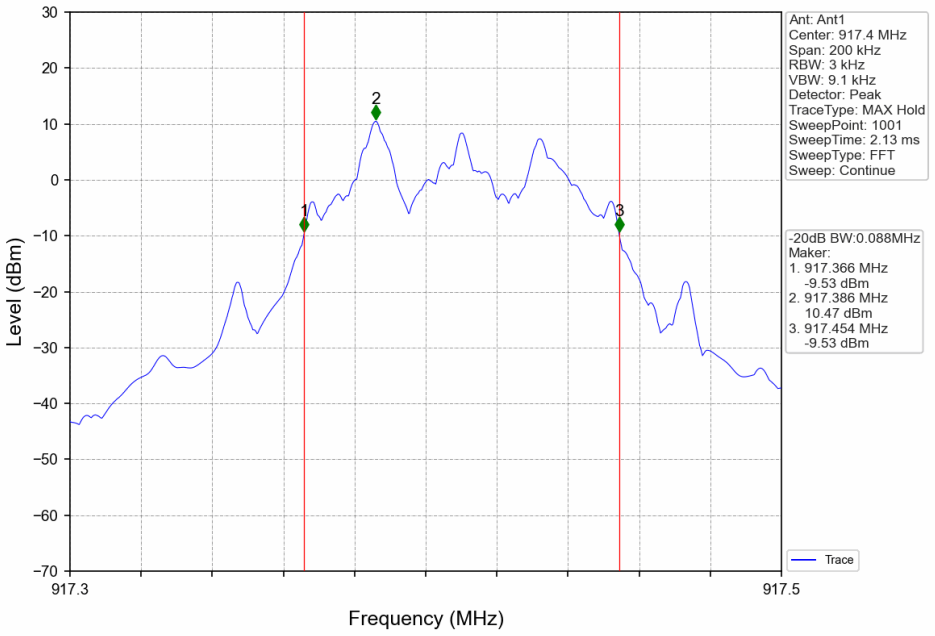
Mode	TX Type	Frequency (MHz)	Ant	20dB Bandwidth (MHz) Result	Verdict
FSK	SISO	912.5	1	0.089	Pass
		917.4	1	0.088	Pass

1.2.2 Test Graph

P_LCH_912.5MHz_Ant1_NTNV



P_HCH_917.4MHz_Ant1_NTNV



2. Maximum Conducted Output Power

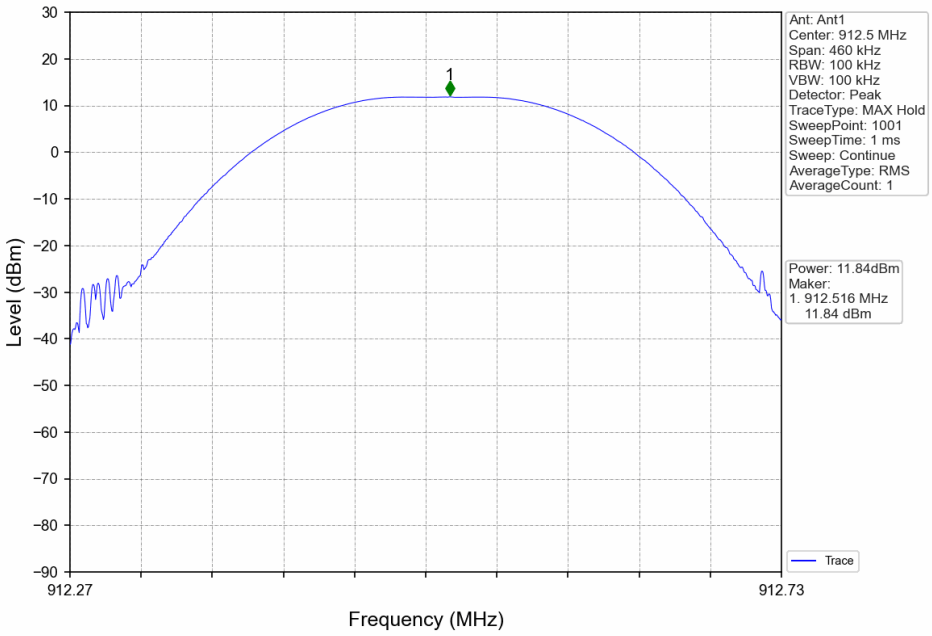
2.1 Power

2.1.1 Test Result

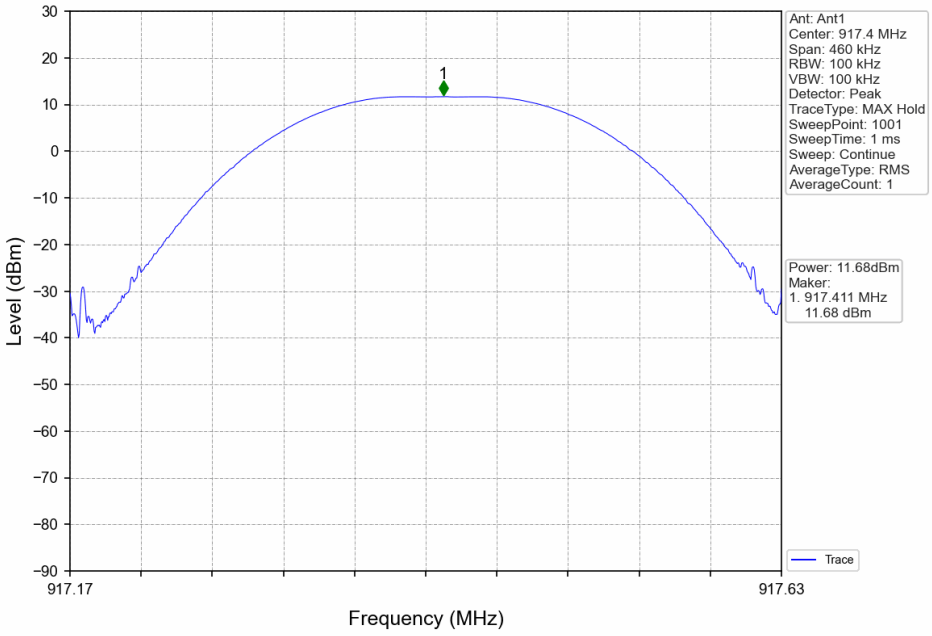
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			Ant1	Limit	
FSK	SISO	912.5	11.84	<=30	Pass
		917.4	11.68	<=30	Pass
Note1: Antenna Gain: Ant1: -3.80dBi;					

2.1.2 Test Graph

P_LCH_912.5MHz_Ant1_NTNV



P_HCH_917.4MHz_Ant1_NTNV



3. Carrier Frequency Separation

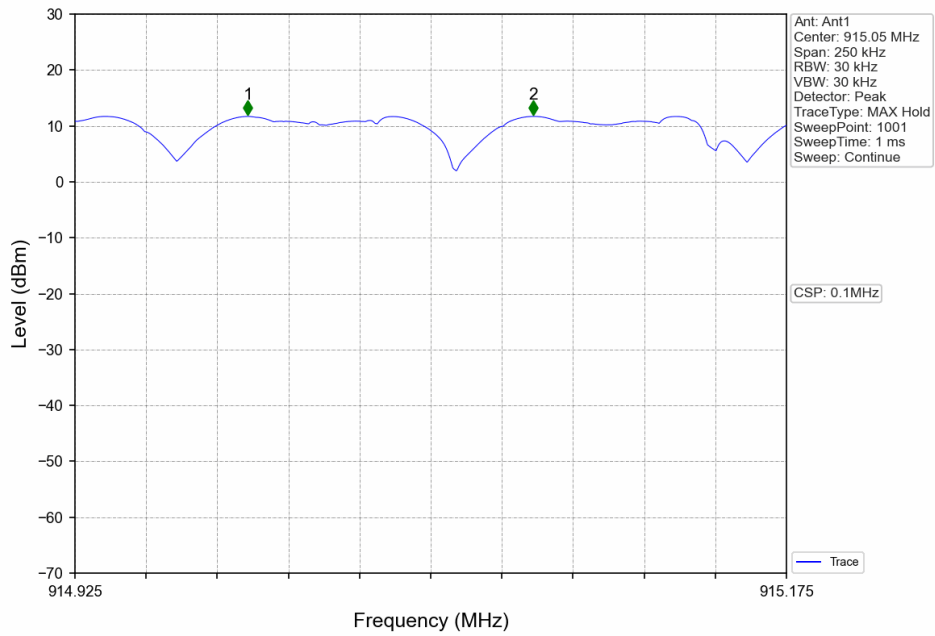
3.1 Ant1

3.1.1 Test Result

Ant1						
Mode	TX Type	Frequency (MHz)	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
FSK	SISO	HOPP	0.100	0.092	>=0.092	Pass

3.1.2 Test Graph

P_HOPP_Ant1_NTNV



4. Number of Hopping Frequencies

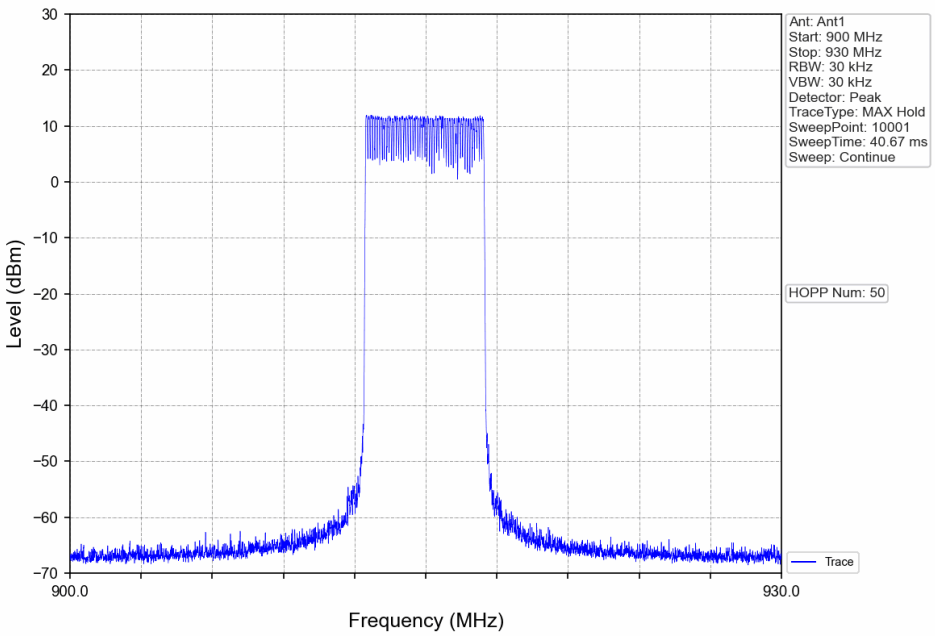
4.1 HoppNum

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Num of Hopping Frequencies		Verdict
			Ant1	Limit	
FSK	SISO	HOPP	50	>=50	Pass

4.1.2 Test Graph

P_HOPP_Ant1_NTNV



5. Time of Occupancy (Dwell Time)

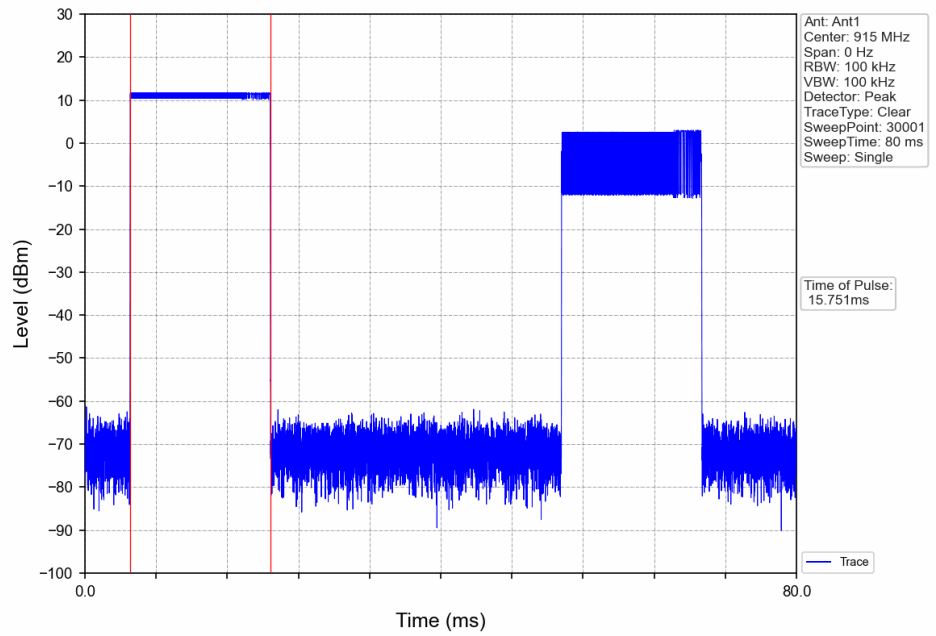
5.1 Ant1

5.1.1 Test Result

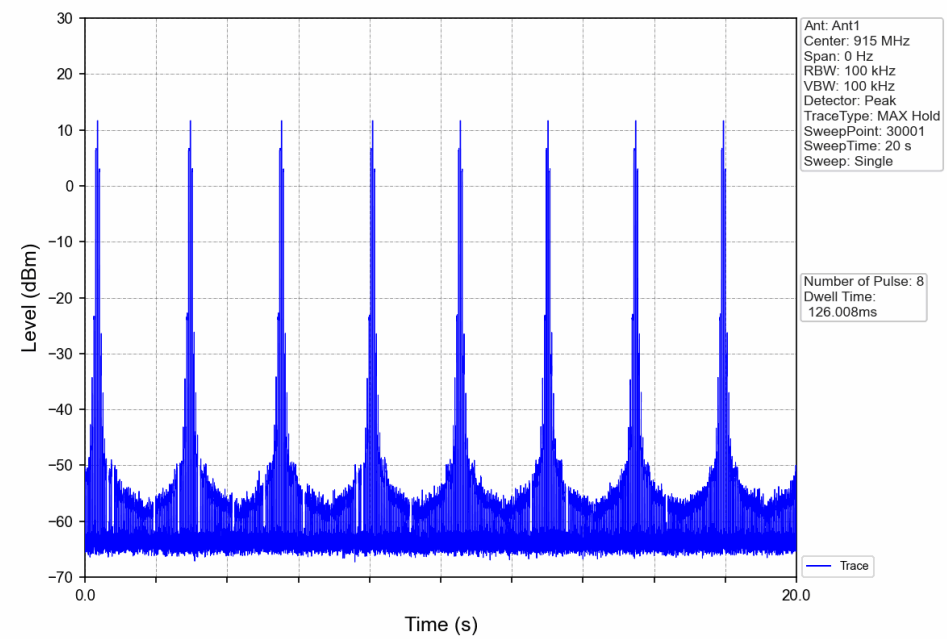
Ant1								
Mode	TX Type	Frequency (MHz)	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
FSK	SISO	HOPP	15.751	20.000	8	126.008	<=400	Pass

5.1.2 Test Graph

P_HOPP_Ant1_NTNV



P_HOPP_Ant1_NTNV



6. Unwanted Emissions In Non-restricted Frequency Bands

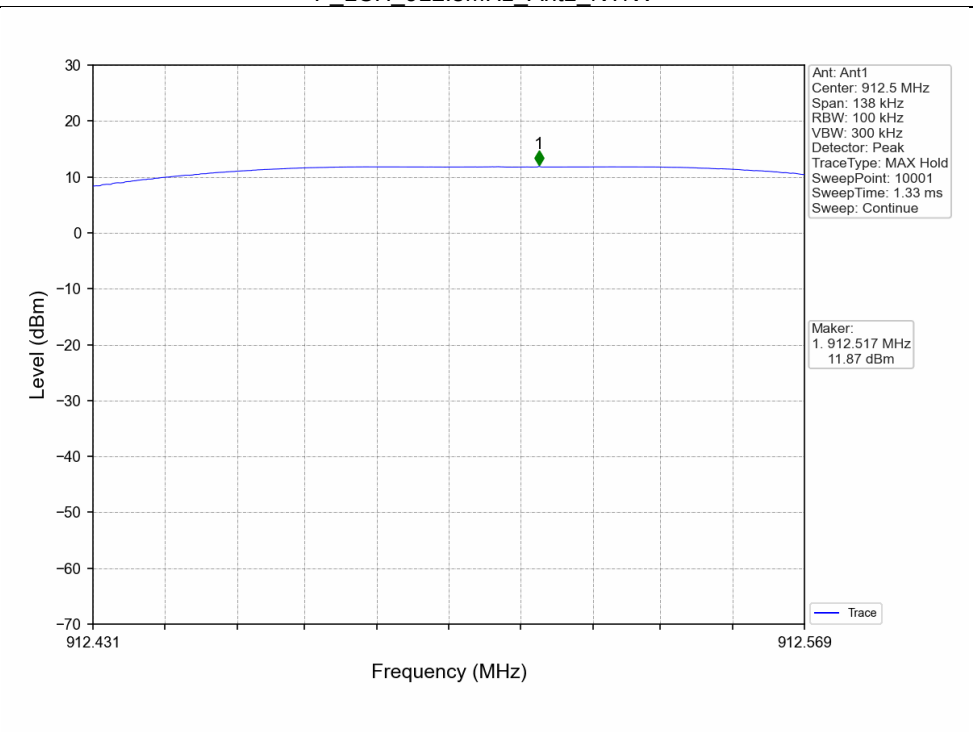
6.1 Ref

6.1.1 Test Result

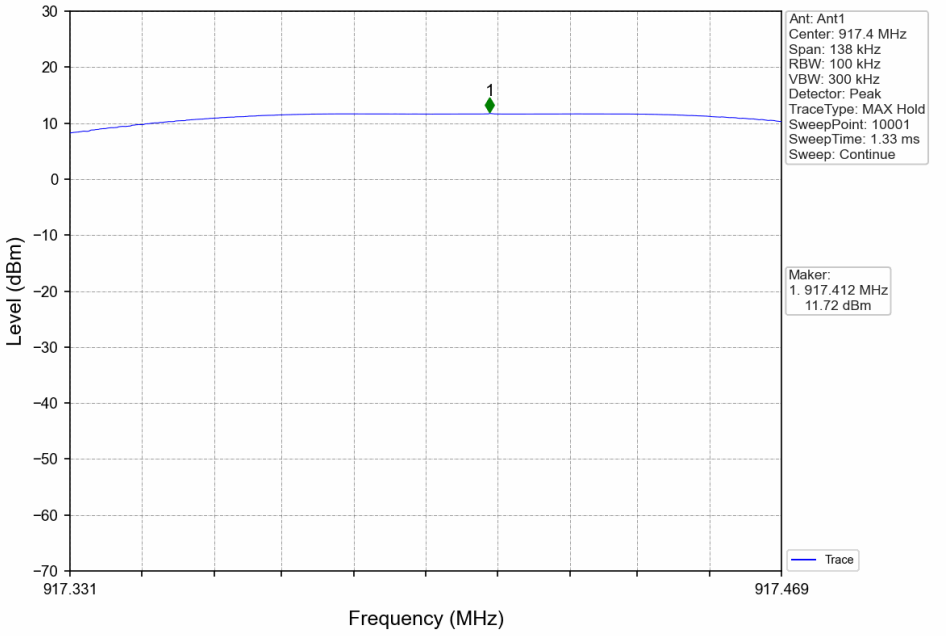
Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)
FSK	SISO	912.5	1	11.87
		917.4	1	11.72
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.				

6.1.2 Test Graph

P_LCH_912.5MHz_Ant1_NTNV



P_HCH_917.4MHz_Ant1_NTNV



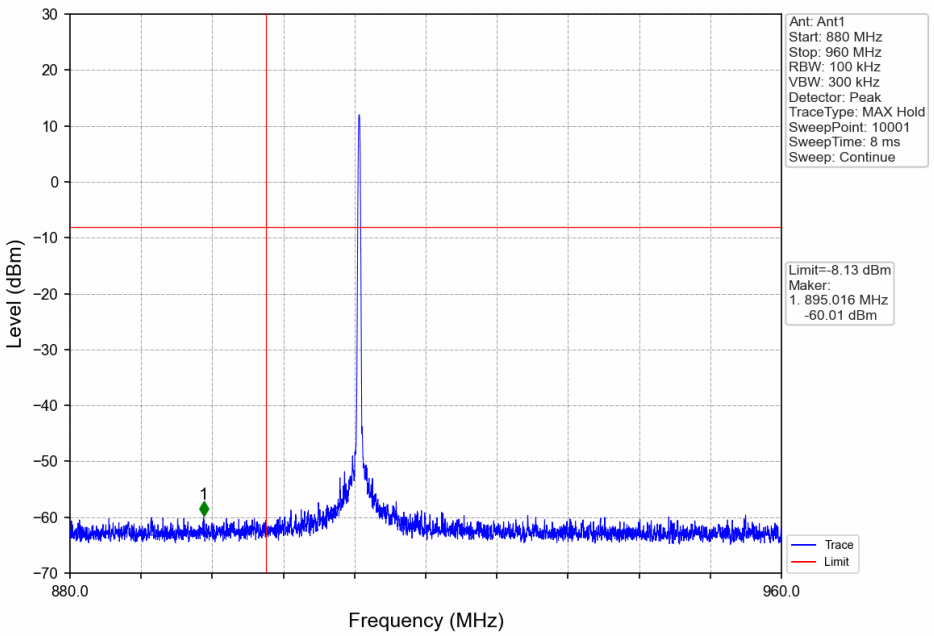
6.2 CSE

6.2.1 Test Result

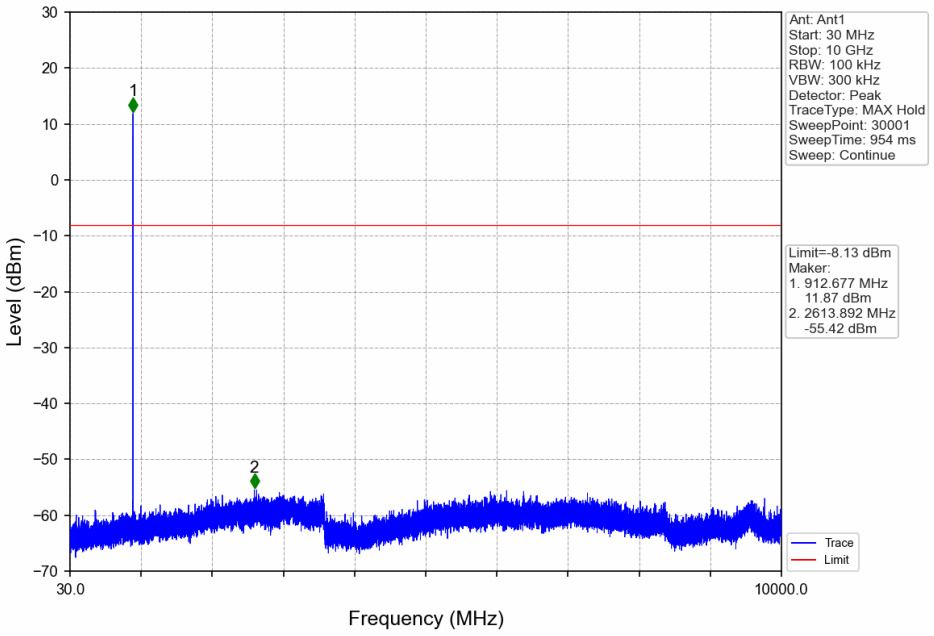
Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
FSK	SISO	912.5	1	11.87	-8.13	Pass
		917.4	1	11.72	-8.28	Pass
		HOPP	1	0.00	-20.00	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.						

6.2.2 Test Graph

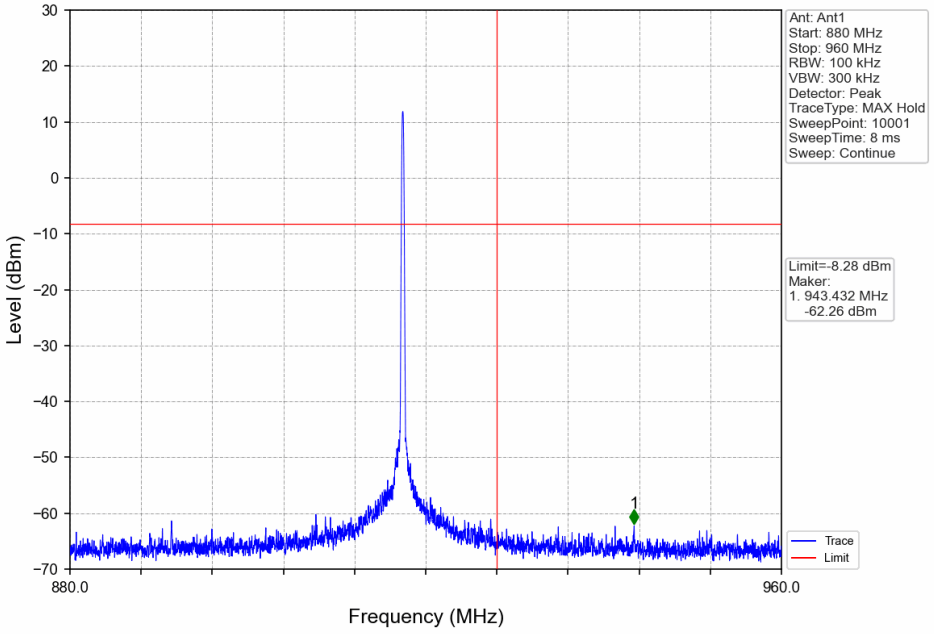
P_LCH_912.5MHz_Ant1_NTNV



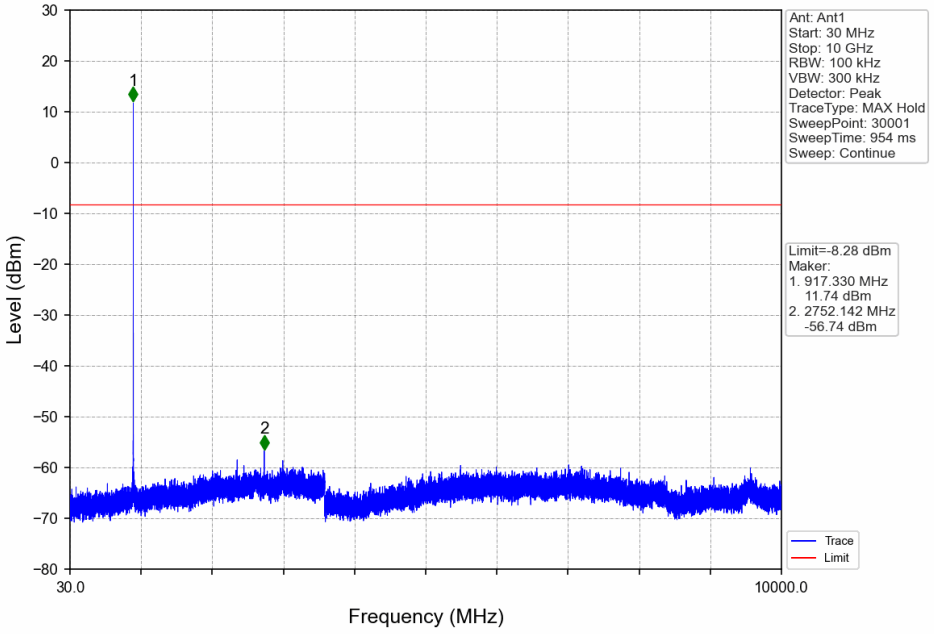
P_LCH_912.5MHz_Ant1_NTNV



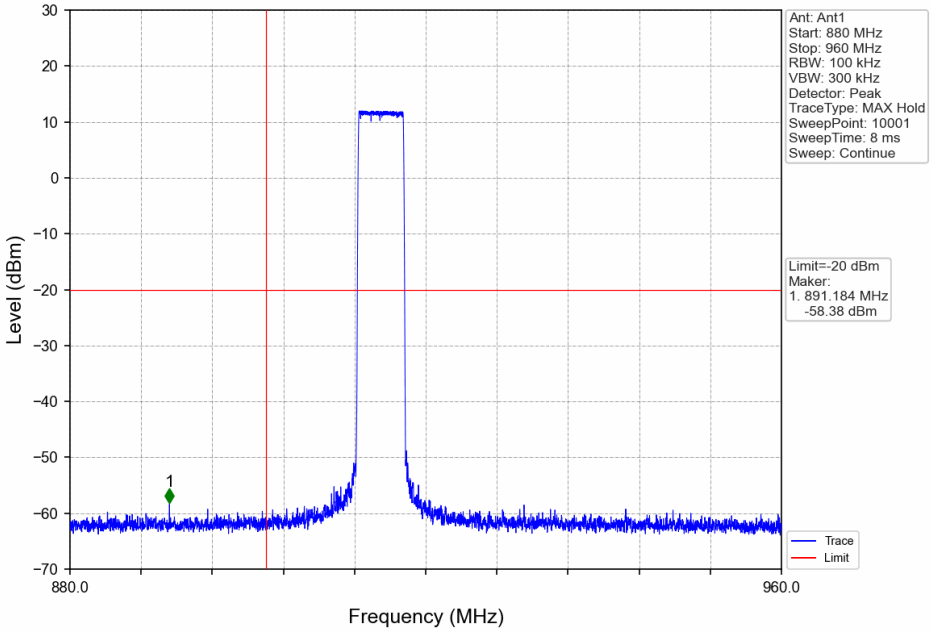
P_HCH_917.4MHz_Ant1_NTNV



P_HCH_917.4MHz_Ant1_NTNV



P_HOPP_Ant1_NTNV



P_HOPP_Ant1_NTNV