

Appendix for KSCR2109000108AT

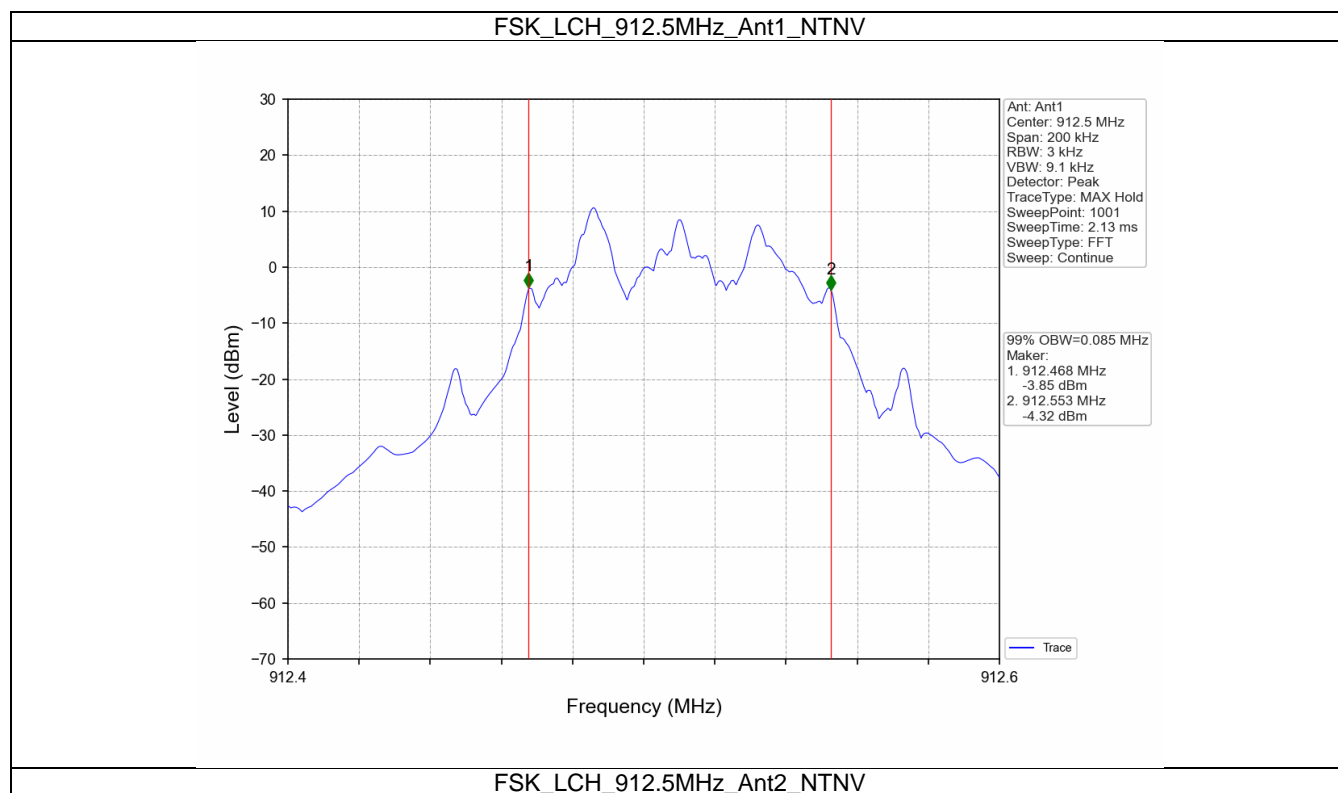
1. Bandwidth

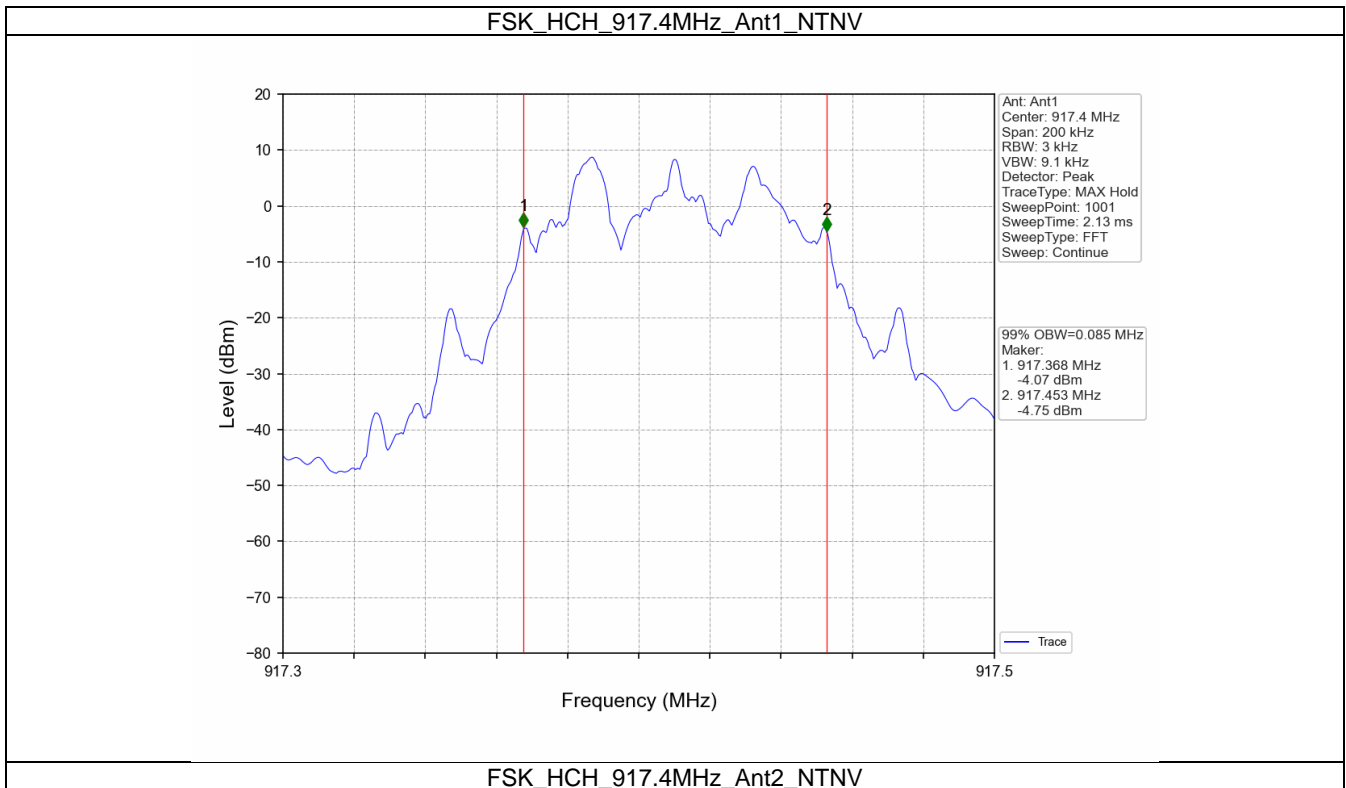
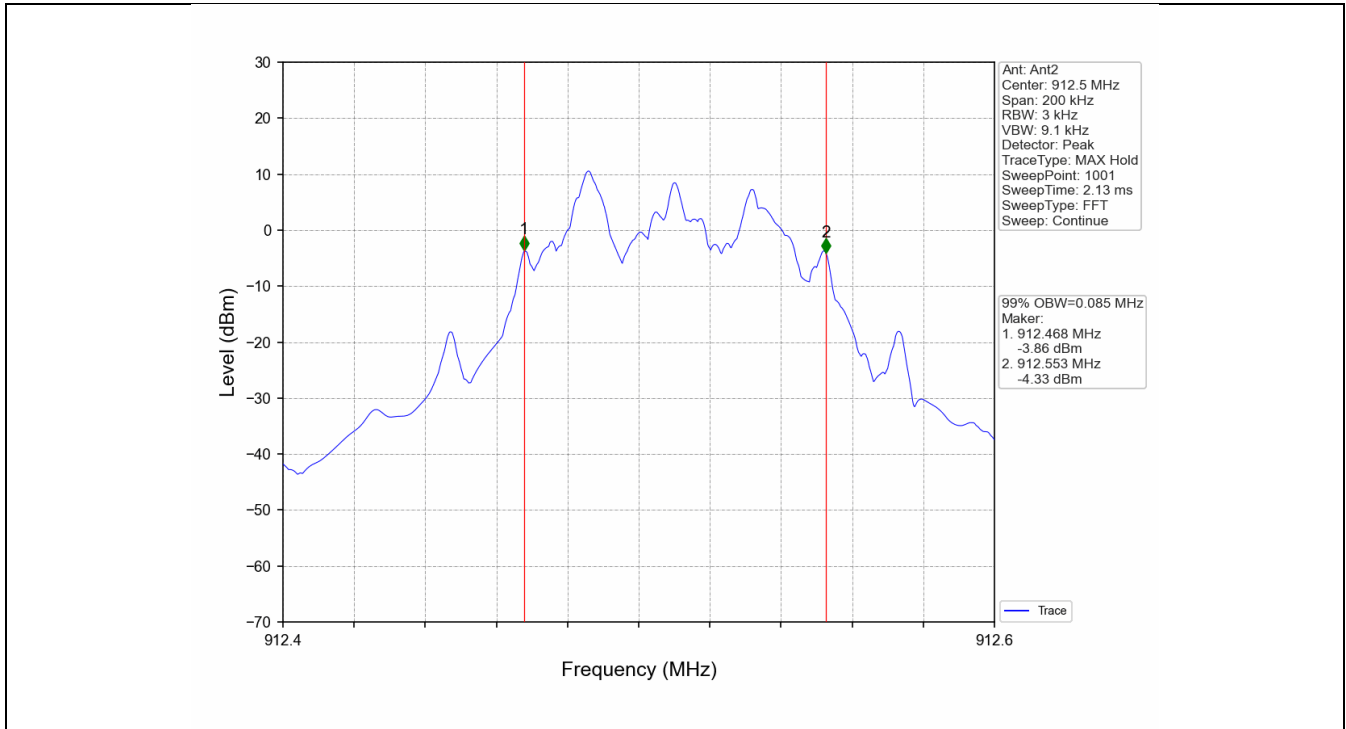
1.1 OBW

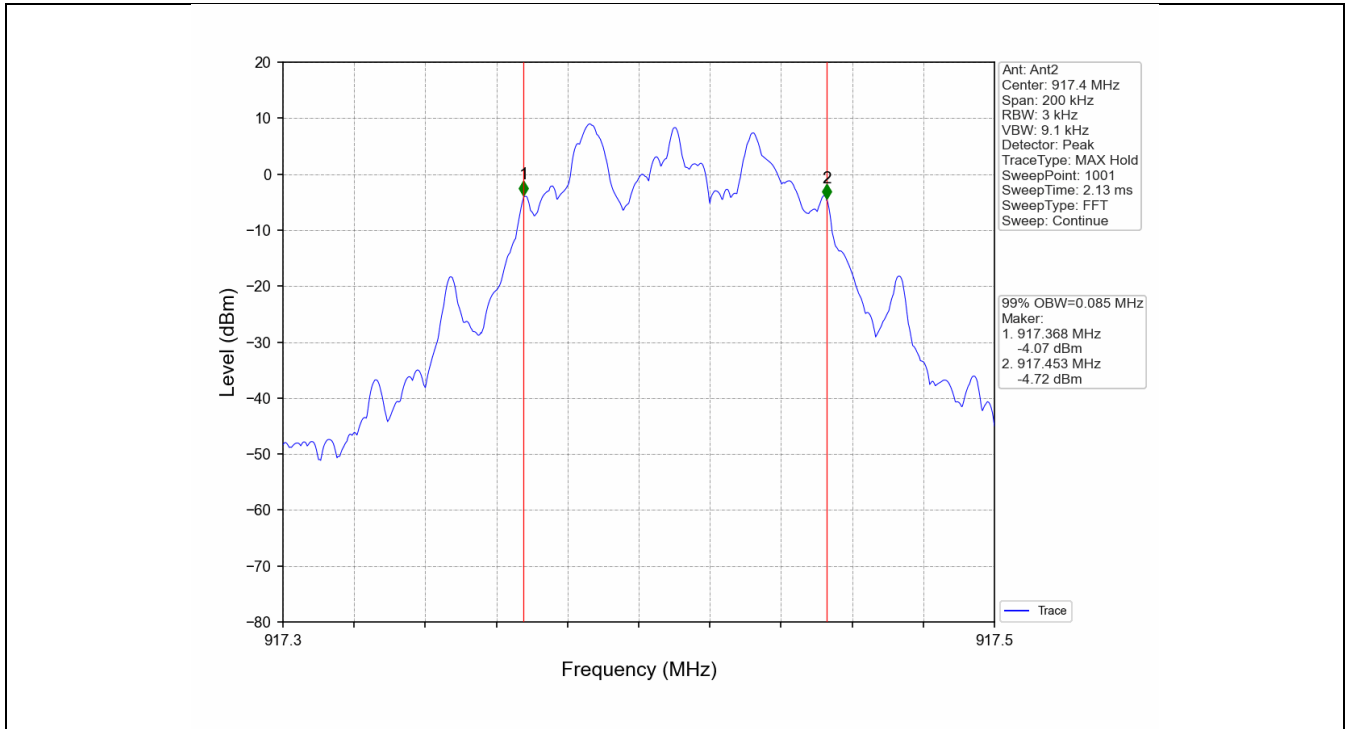
1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)		Verdict
				Result		
FSK	SISO	912.5	1	0.085	Pass	
			2	0.085	Pass	
		917.4	1	0.085	Pass	
			2	0.085	Pass	

1.1.2 Test Graph





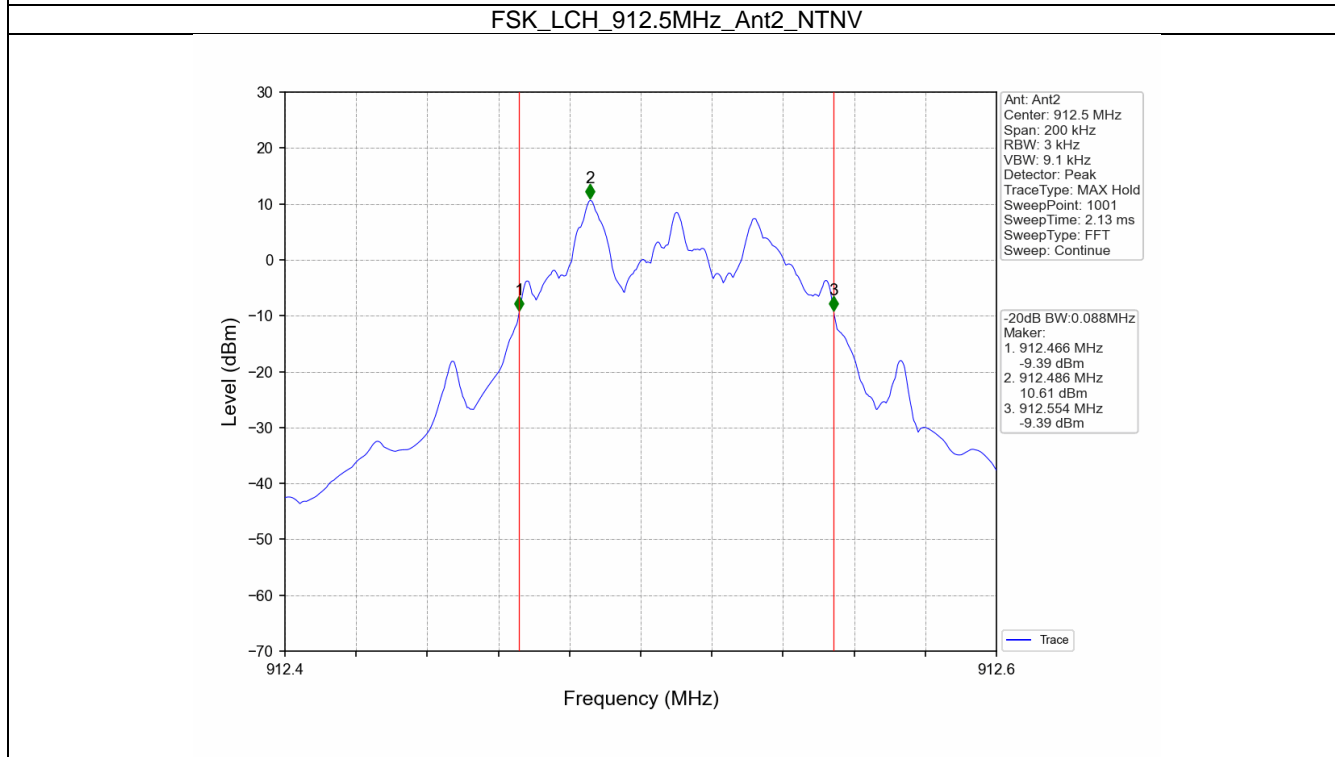
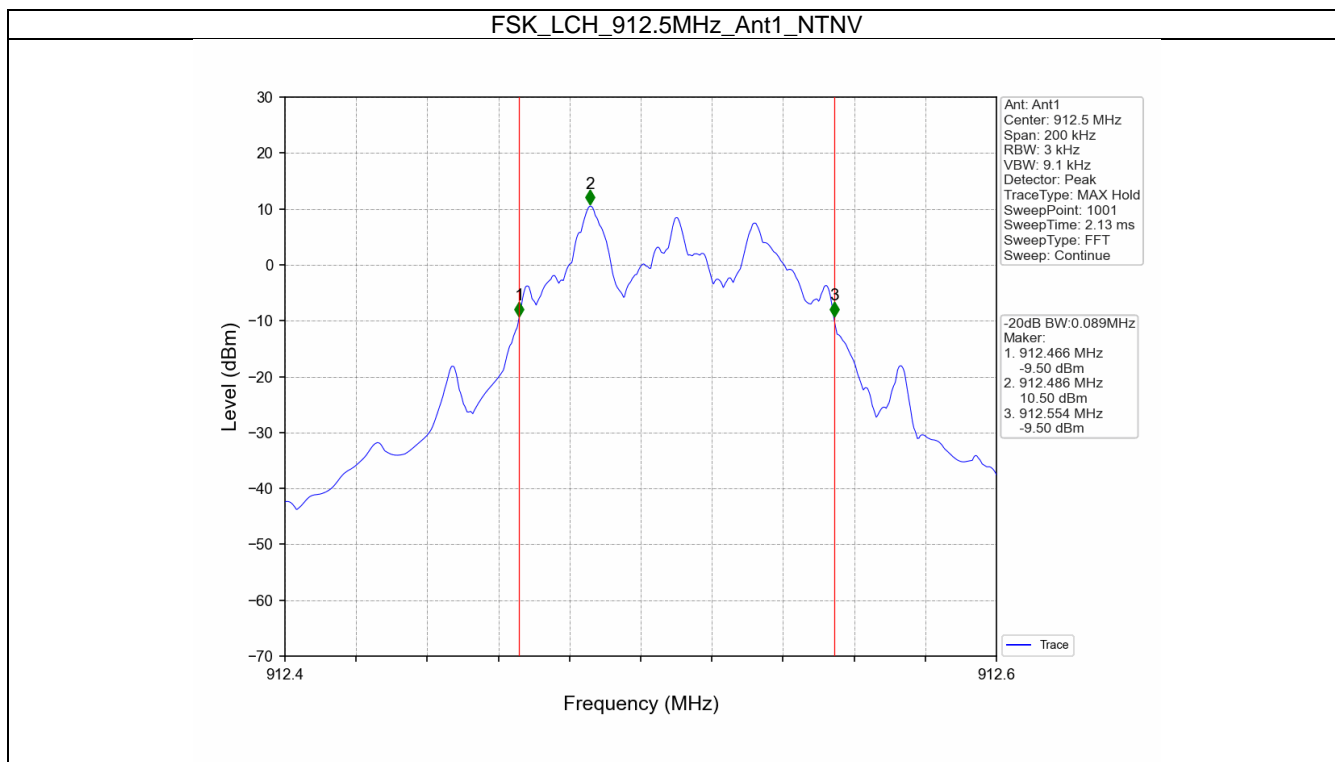


1.2 20dB BW

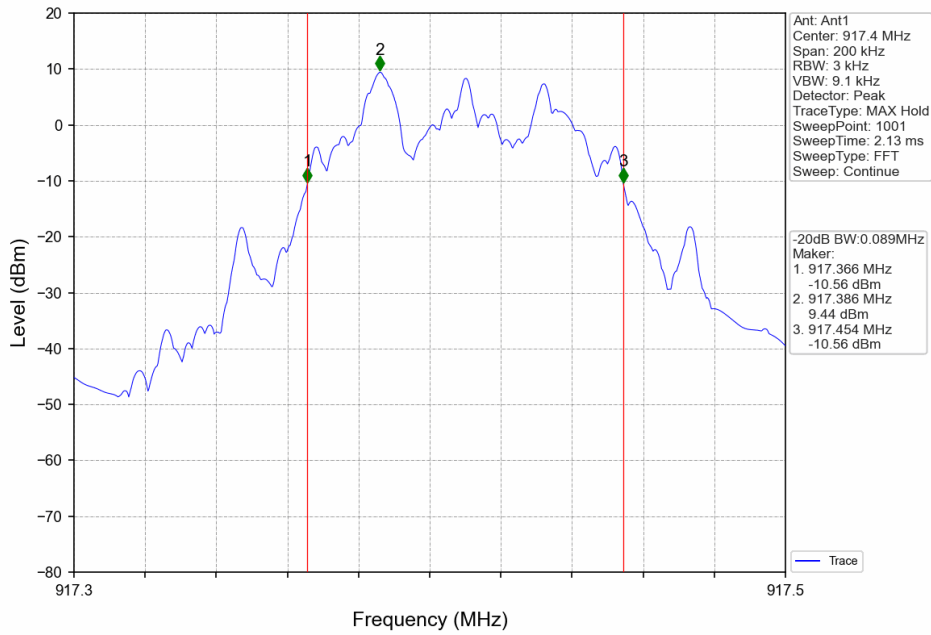
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	20dB Bandwidth (MHz)	Verdict
				Result	
FSK	SISO	912.5	1	0.089	Pass
			2	0.088	Pass
		917.4	1	0.089	Pass
			2	0.089	Pass

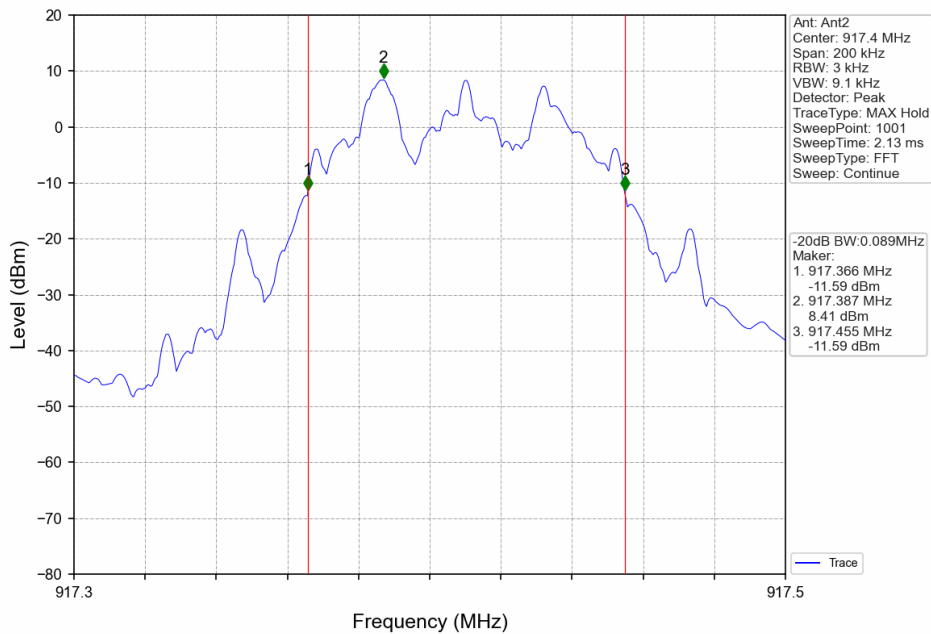
1.2.2 Test Graph



FSK_HCH_917.4MHz_Ant1_NTNV



FSK_HCH_917.4MHz_Ant2_NTNV



2. Maximum Conducted Output Power

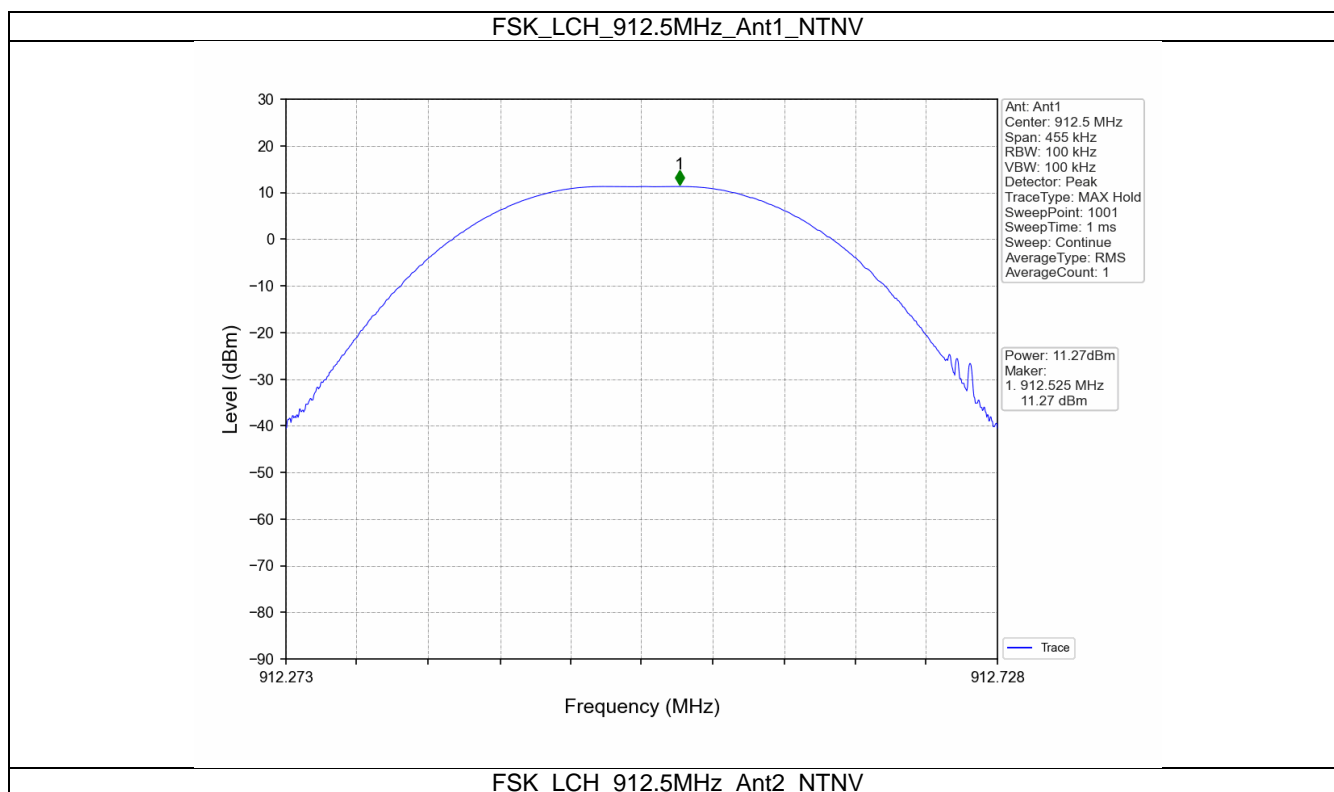
2.1 Power

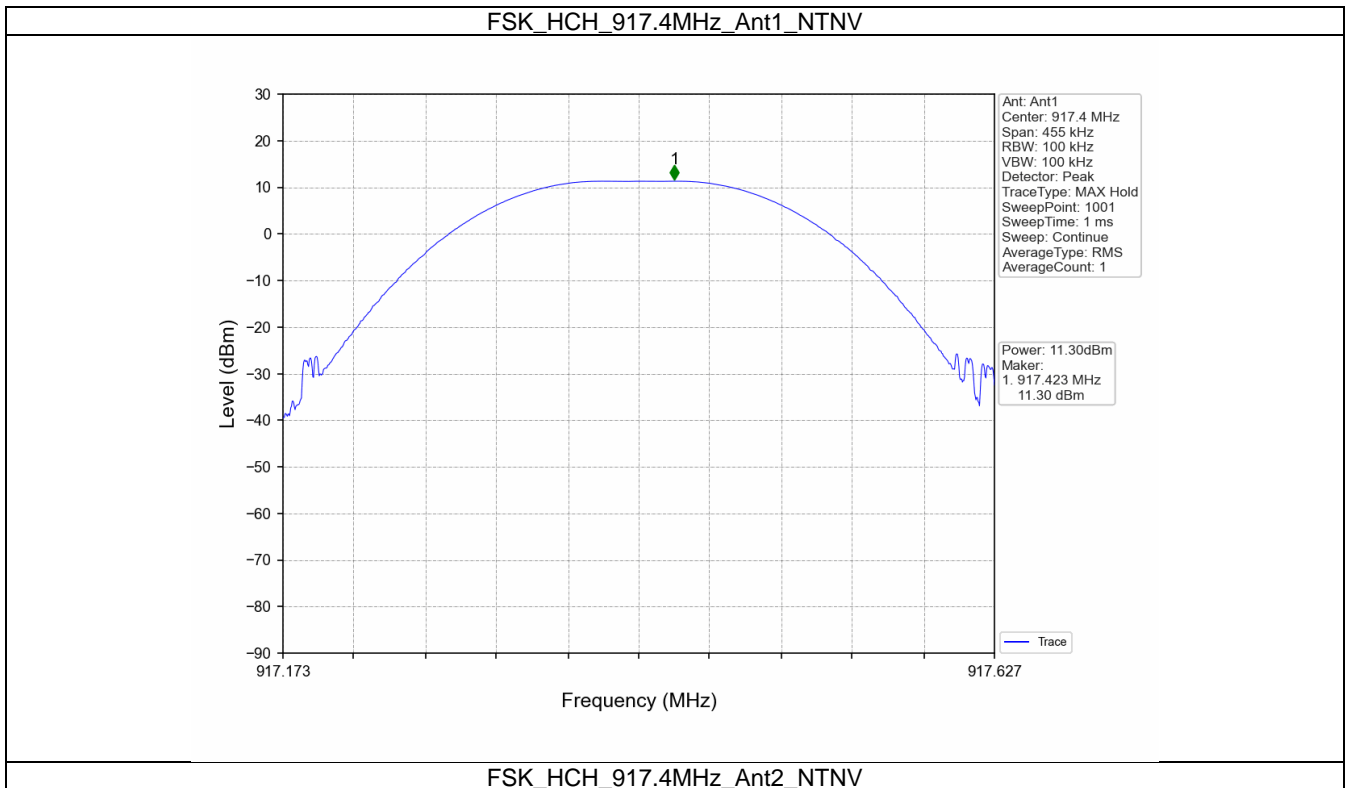
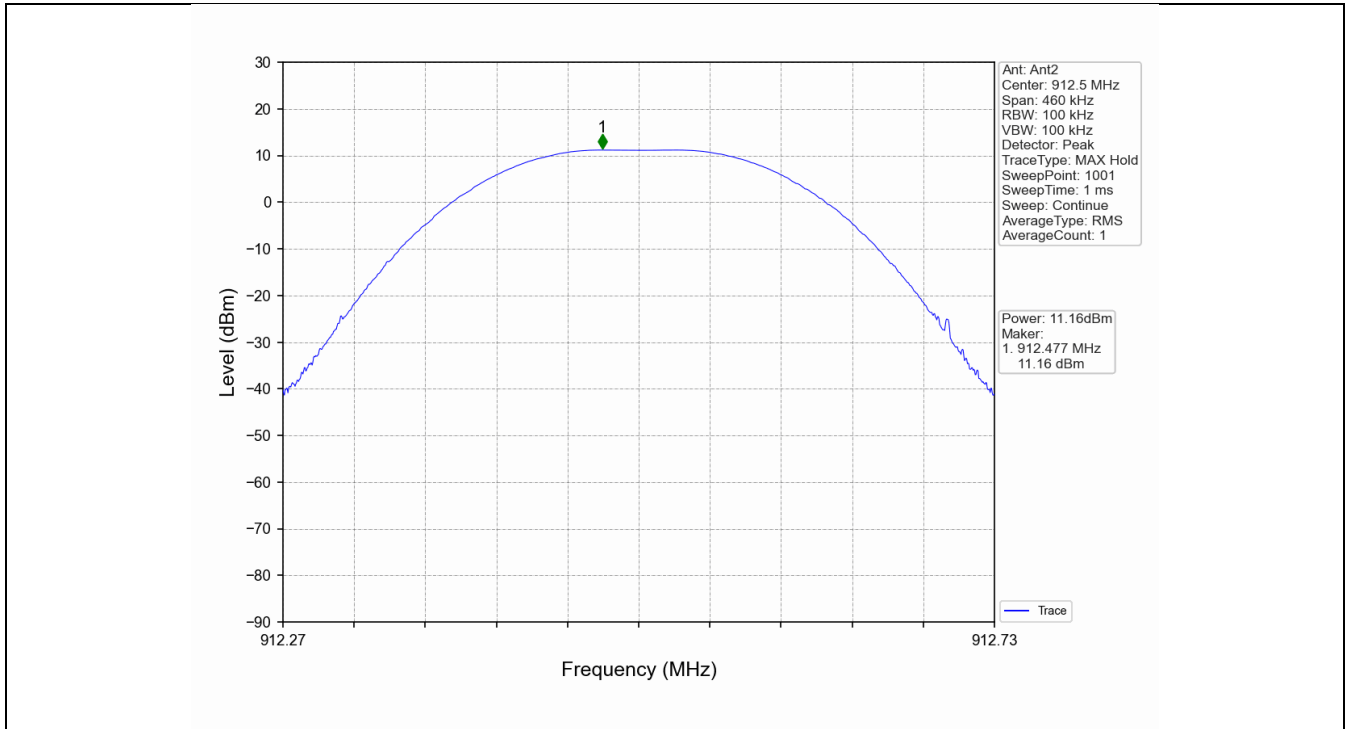
2.1.1 Test Result

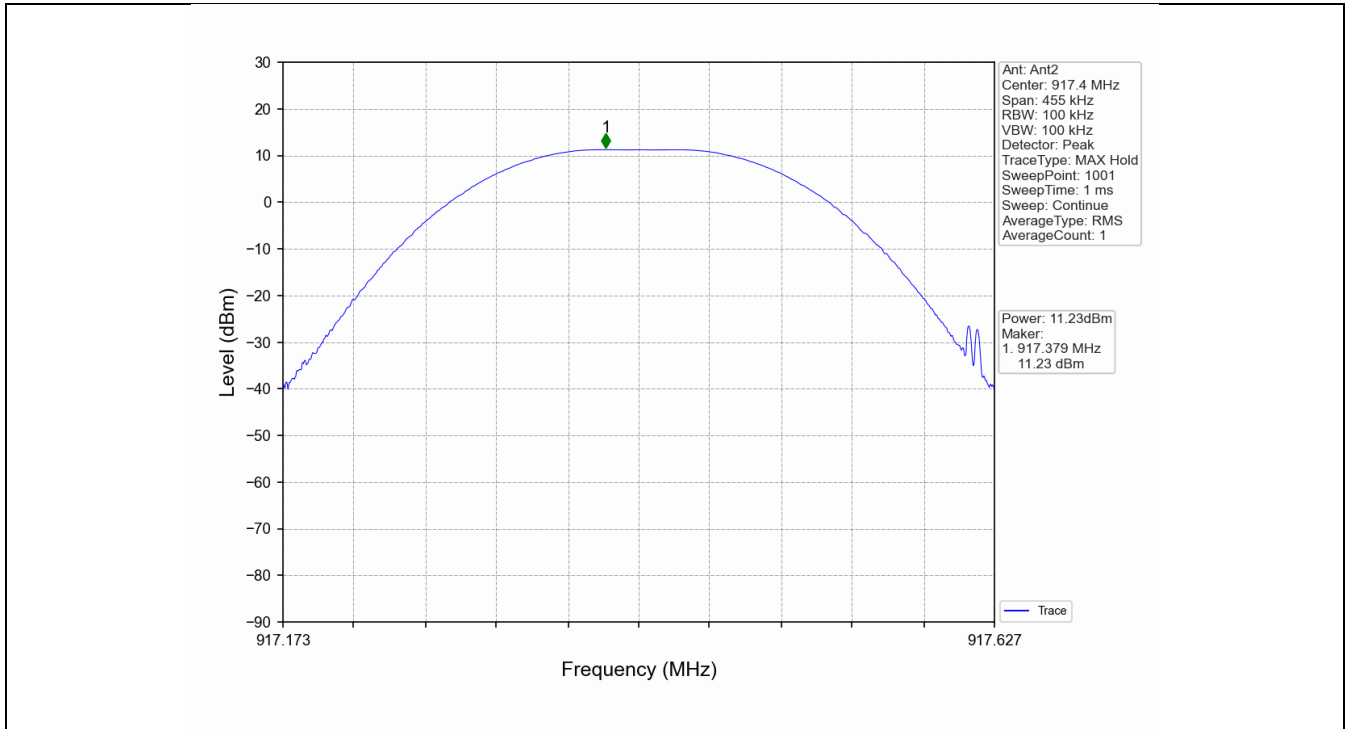
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)			Verdict
			Ant1	Ant2	Limit	
FSK	SISO	912.5	11.27	11.16	<=30	Pass
		917.4	11.30	11.23	<=30	Pass

Note1: Antenna Gain: Ant1: 2.00dBi; Ant2: 2.00dBi;

2.1.2 Test Graph







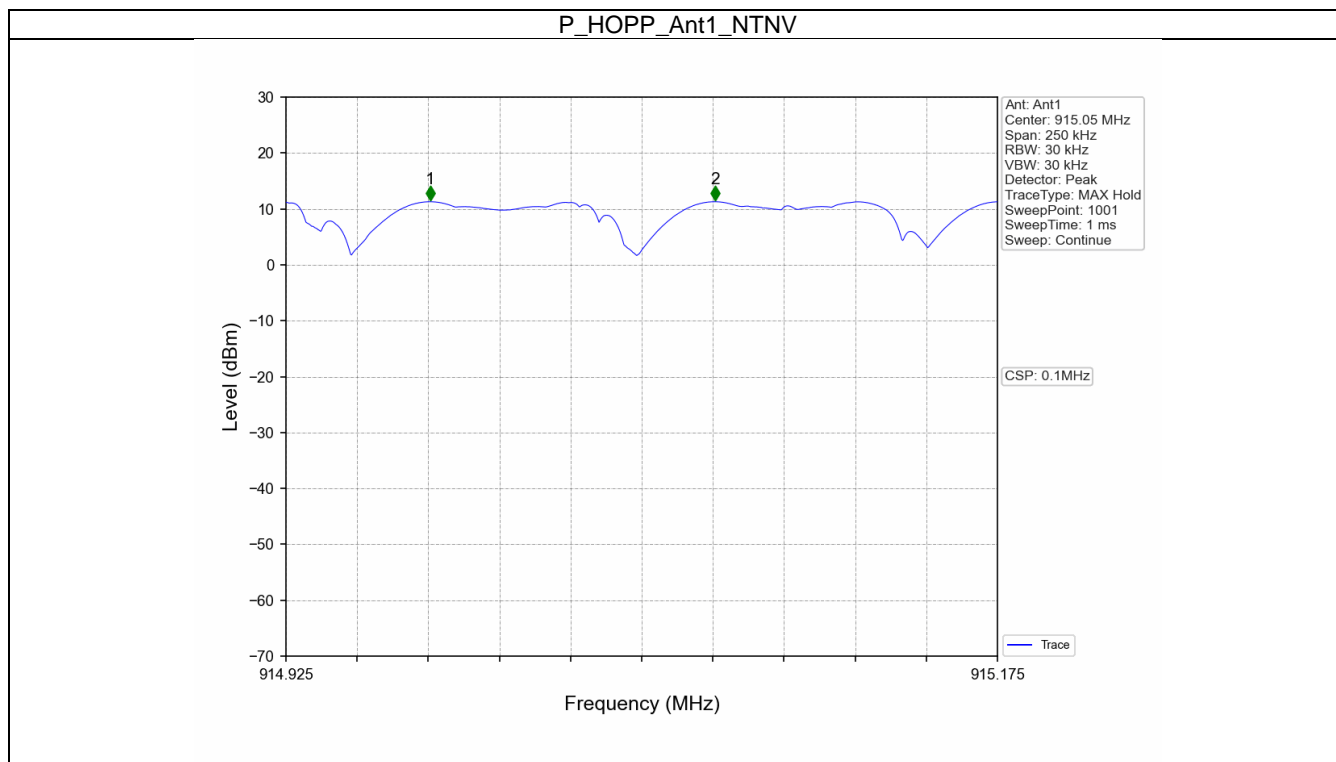
3. Carrier Frequency Separation

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	0.091	>=0.091	Pass

3.1.2 Test Graph

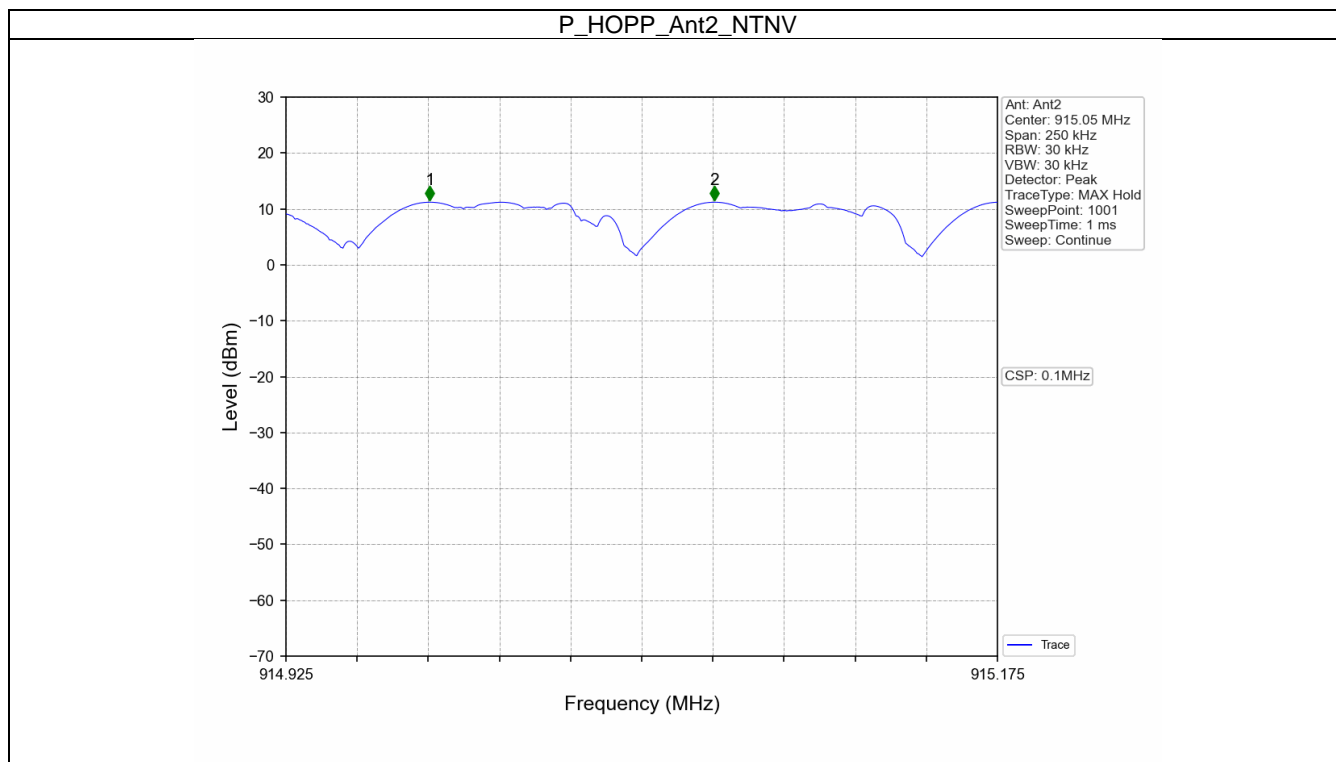


3.2 Ant2

3.2.1 Test Result

Ant2						
Mode	TX Type	Frequency (MHz)	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
FSK	SISO	HOPP	0.100	0.092	≥ 0.092	Pass

3.2.2 Test Graph



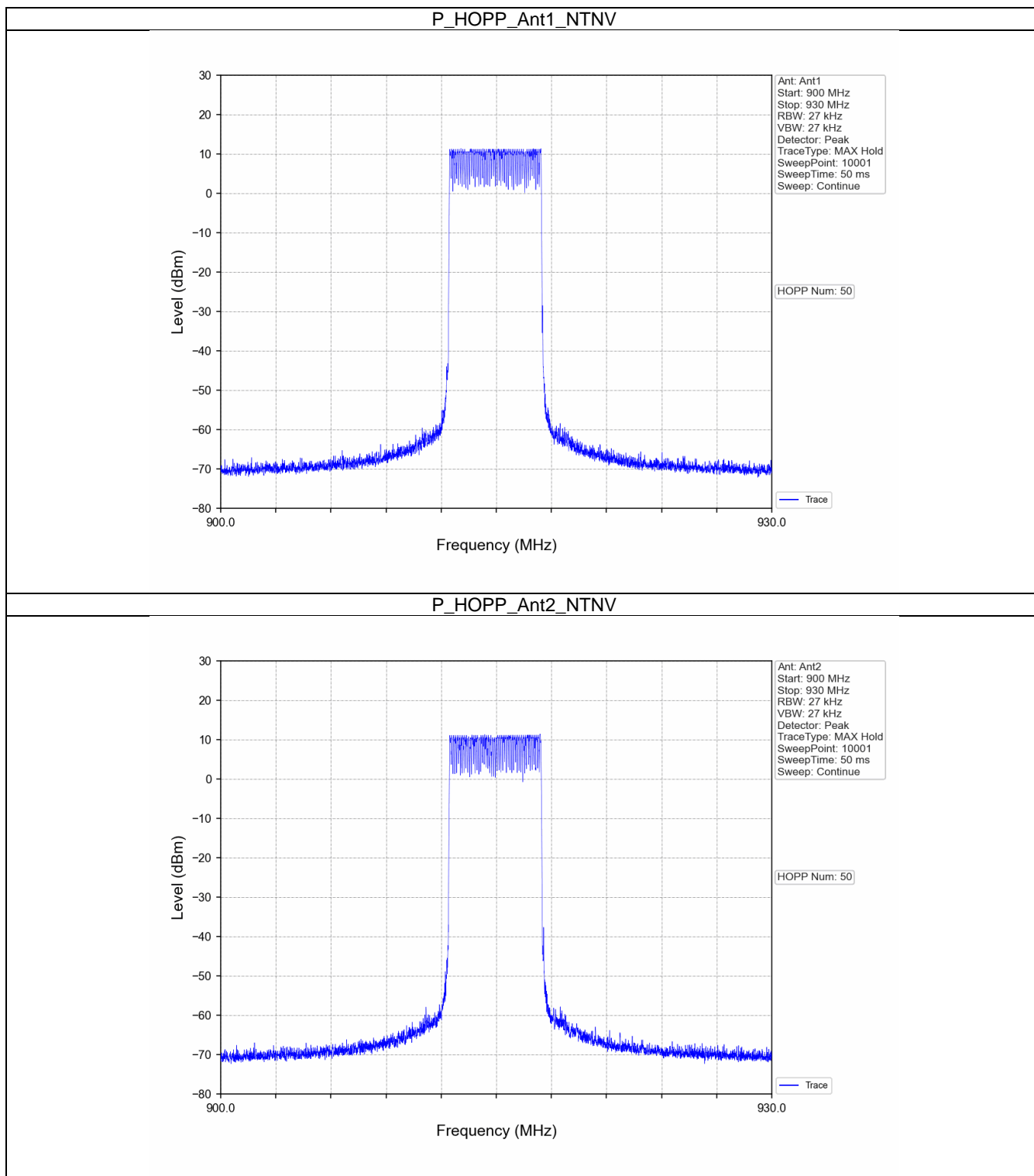
4. Number of Hopping Frequencies

4.1 HoppNum

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Num of Hopping Frequencies			Verdict
			Ant1	Ant2	Limit	
FSK	SISO	HOPP	50	50	>=50	Pass

4.1.2 Test Graph



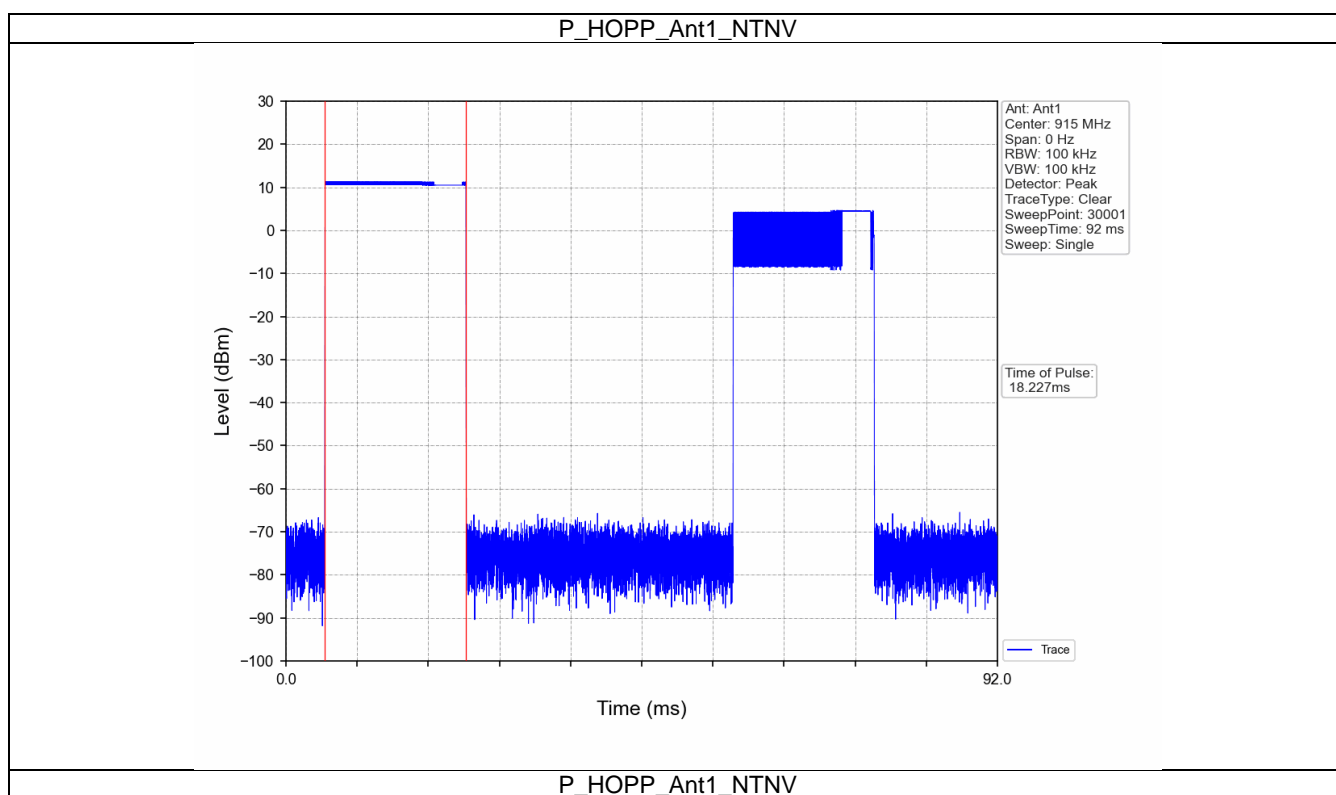
5. Time of Occupancy (Dwell Time)

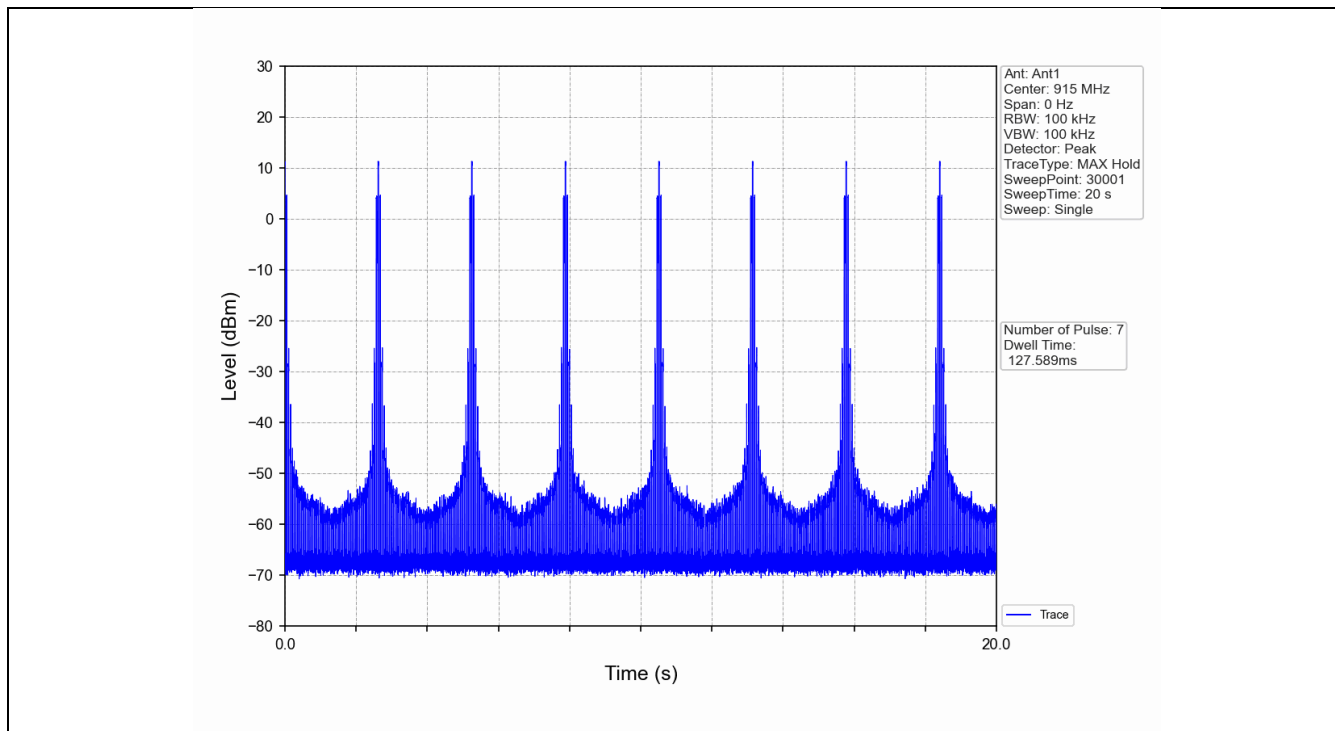
5.1 Ant1

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	18.227	20.000	7	127.589	<=400	Pass

5.1.2 Test Graph



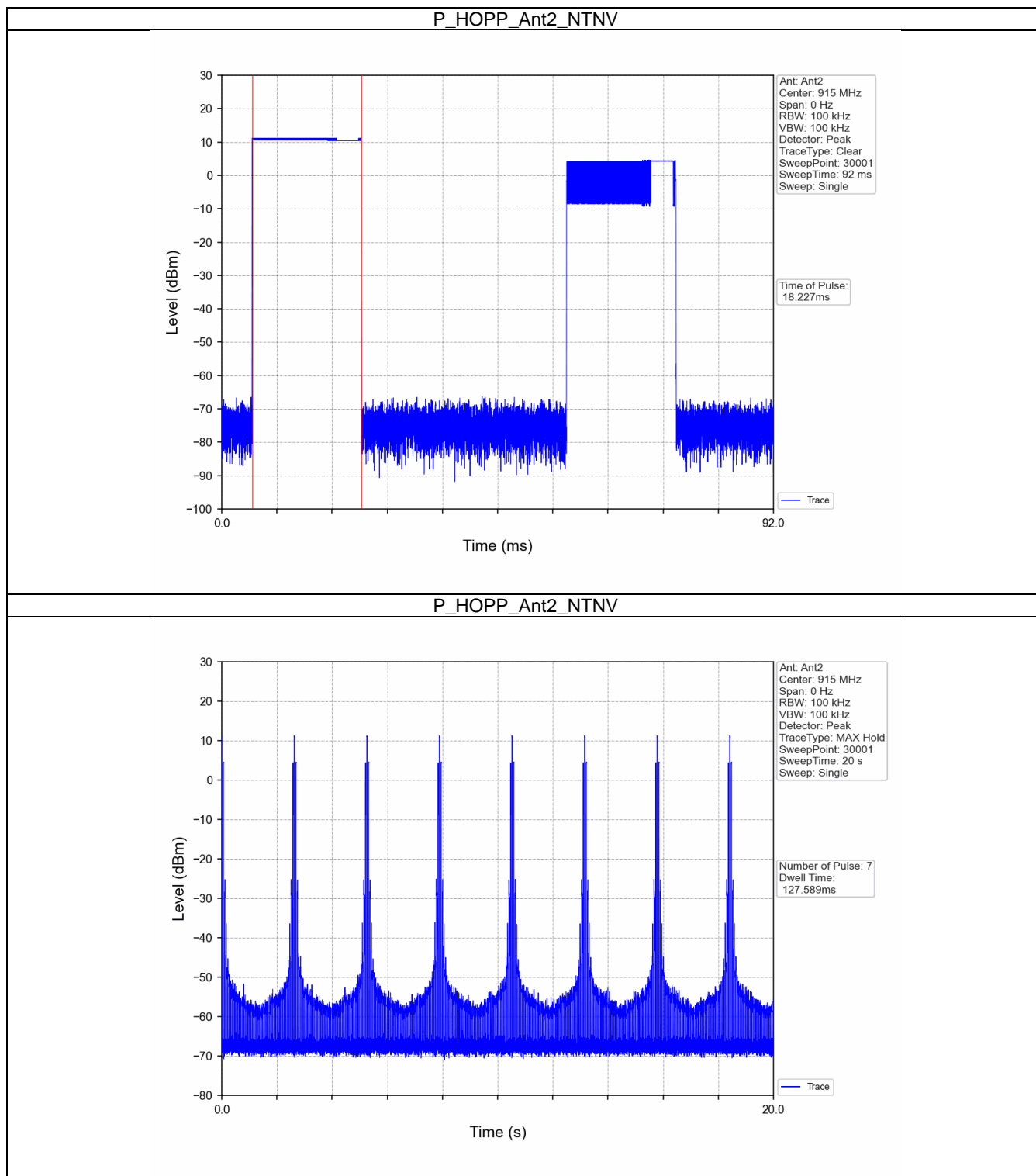


5.2 Ant2

5.2.1 Test Result

Ant2								
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	18.227	20.000	7	127.589	<=400	Pass

5.2.2 Test Graph



6. Unwanted Emissions In Non-restricted Frequency Bands

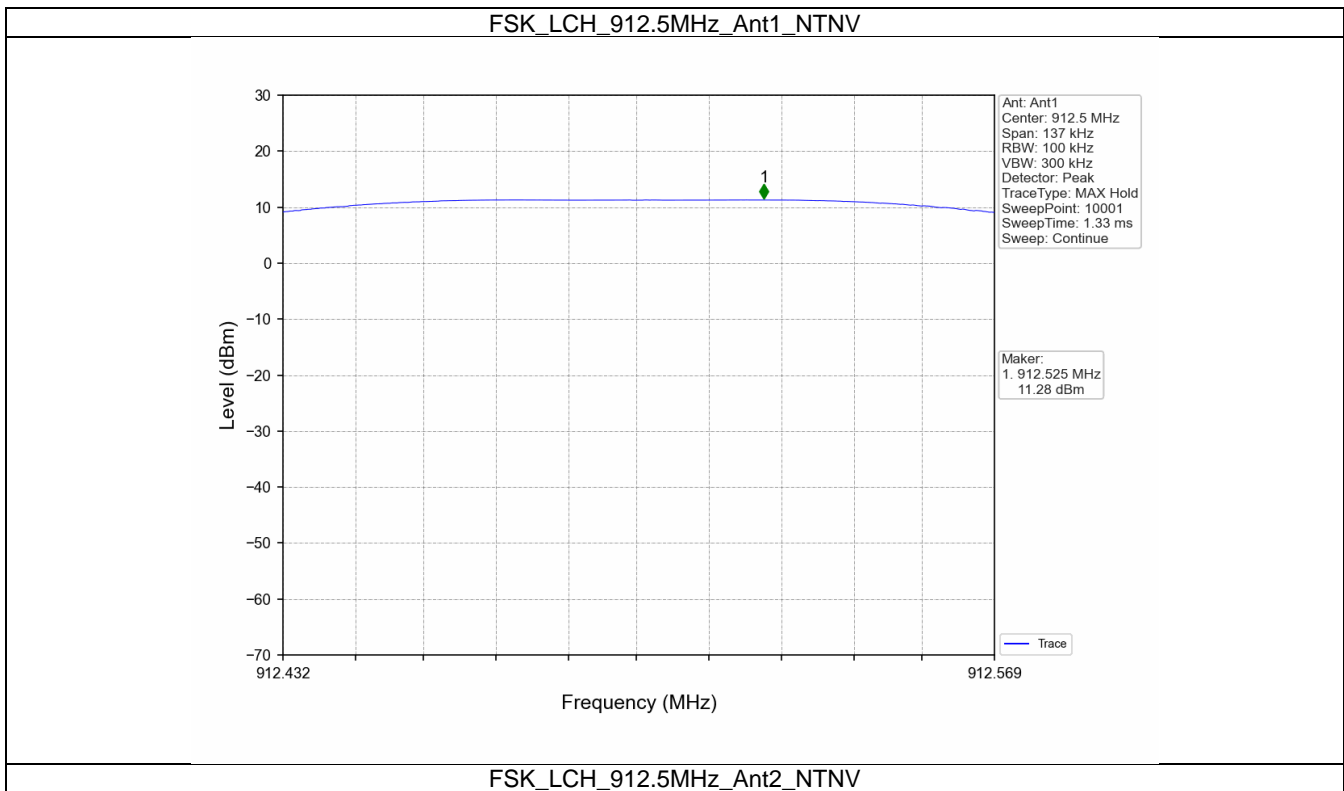
6.1 Ref

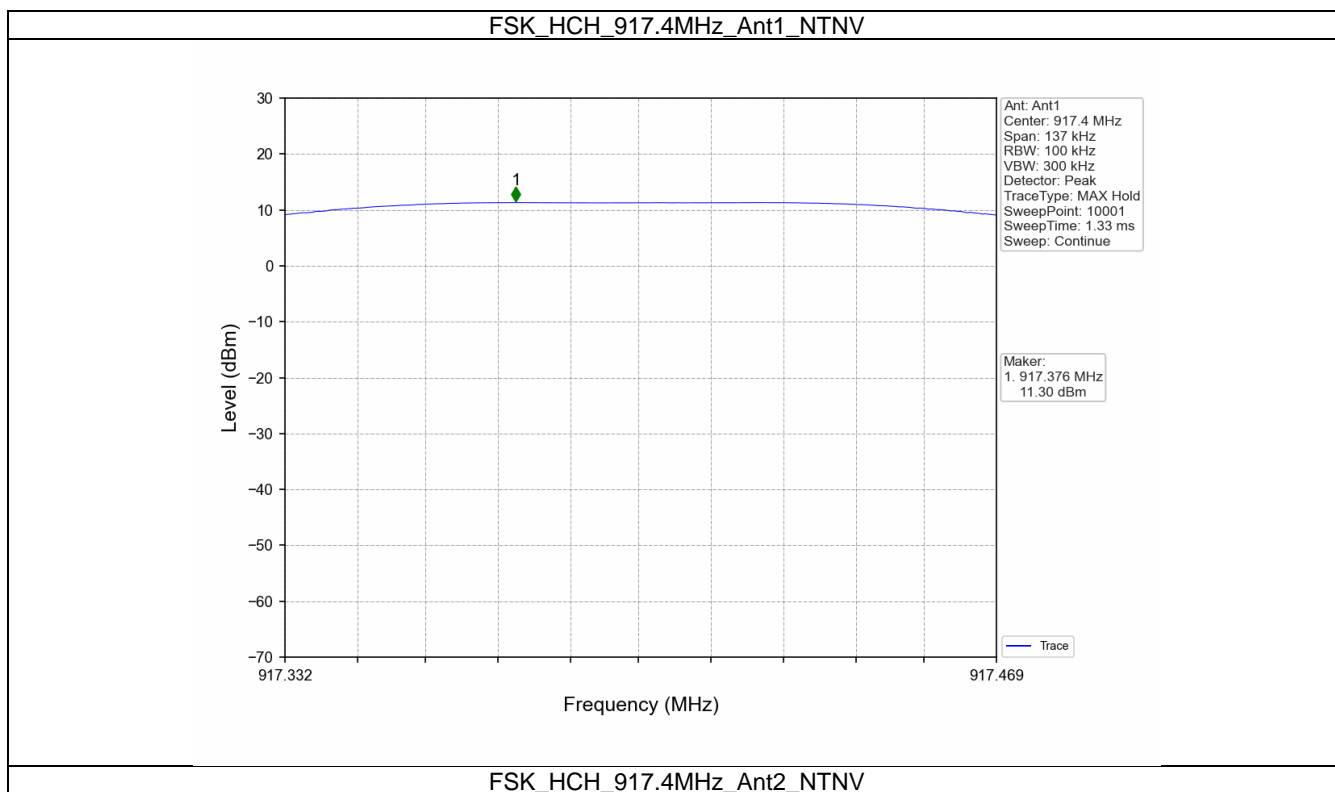
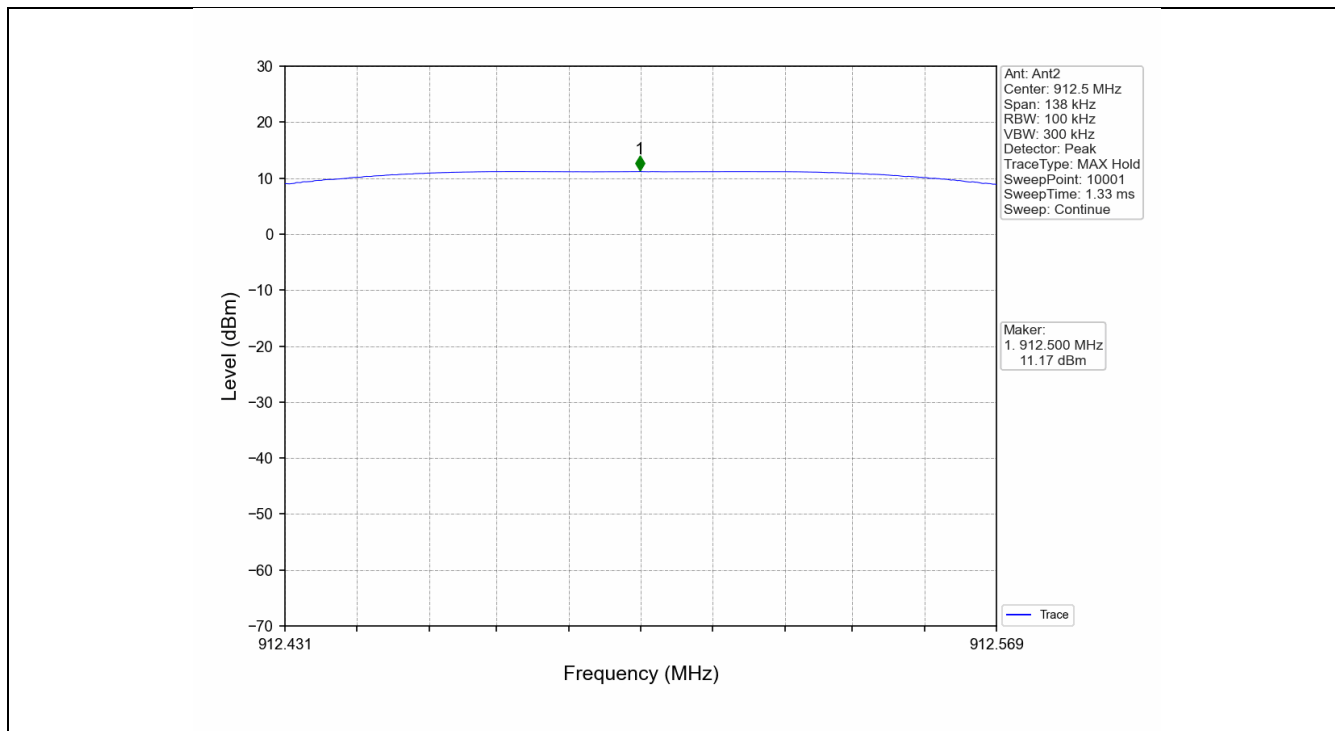
6.1.1 Test Result

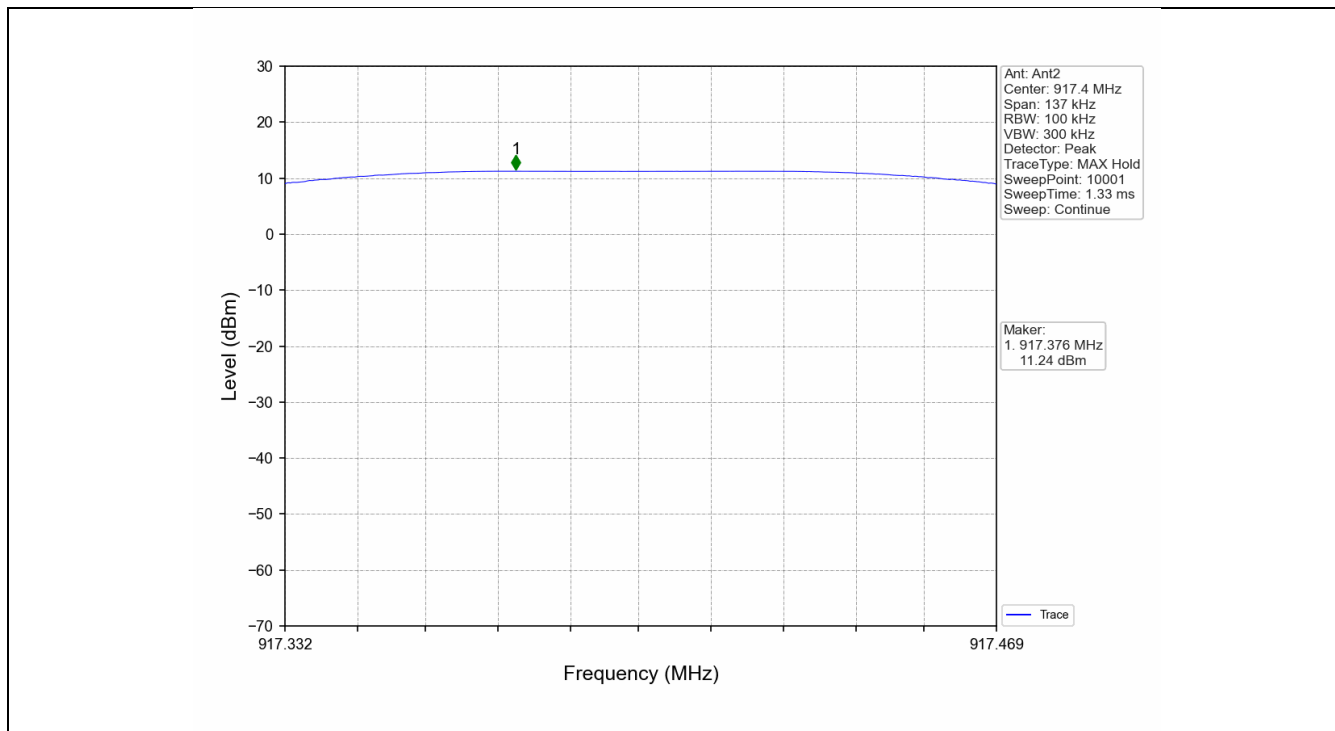
Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)
FSK	SISO	912.5	1	11.28
			2	11.17
		917.4	1	11.30
			2	11.24

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







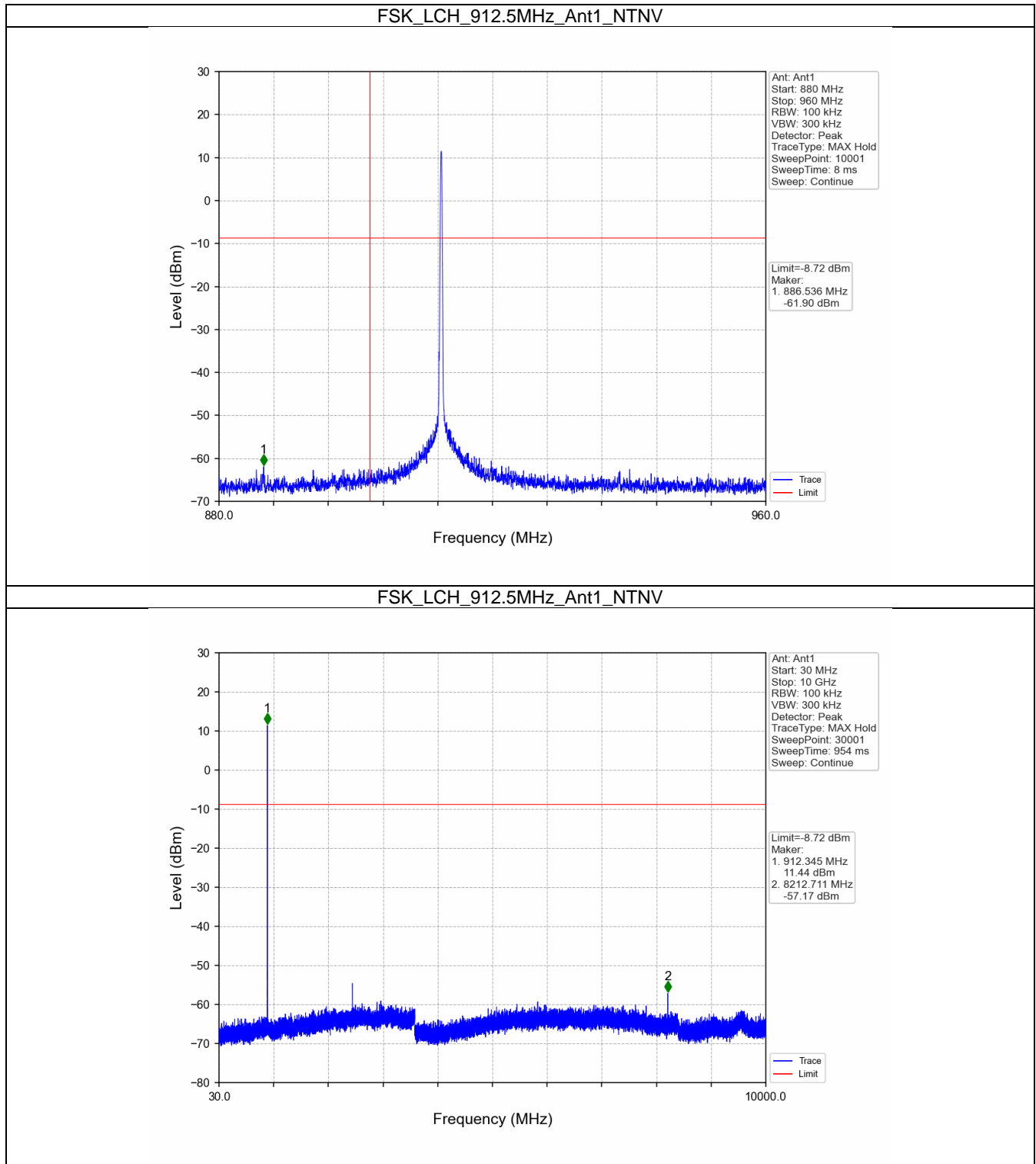
6.2 CSE

6.2.1 Test Result

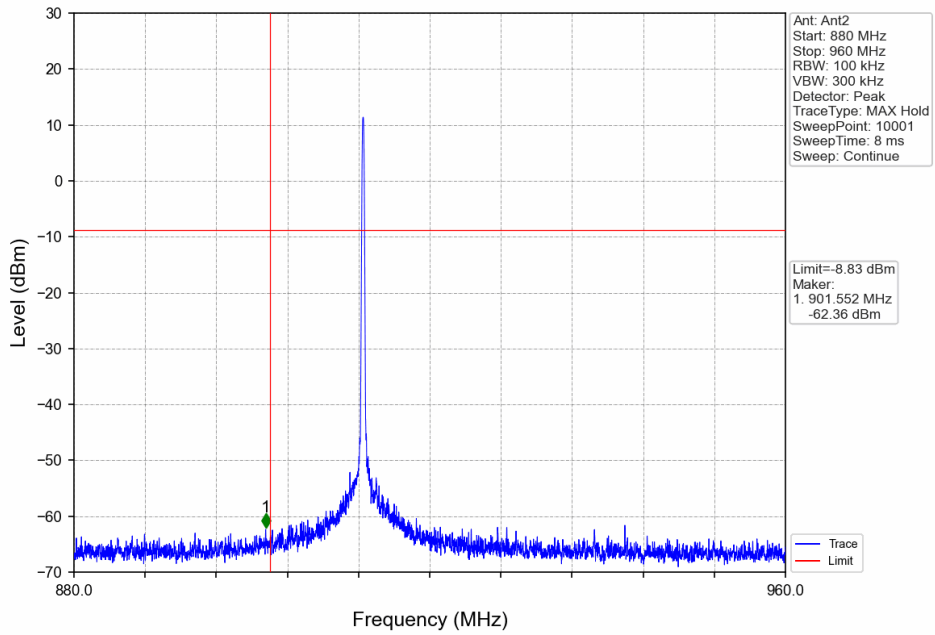
Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
FSK	SISO	912.5	1	11.28	-8.72	Pass
			2	11.17	-8.83	Pass
		917.4	1	11.30	-8.70	Pass
			2	11.24	-8.76	Pass
		HOPP	1	0.00	-20.00	Pass
			2	0.00	-20.00	Pass

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.

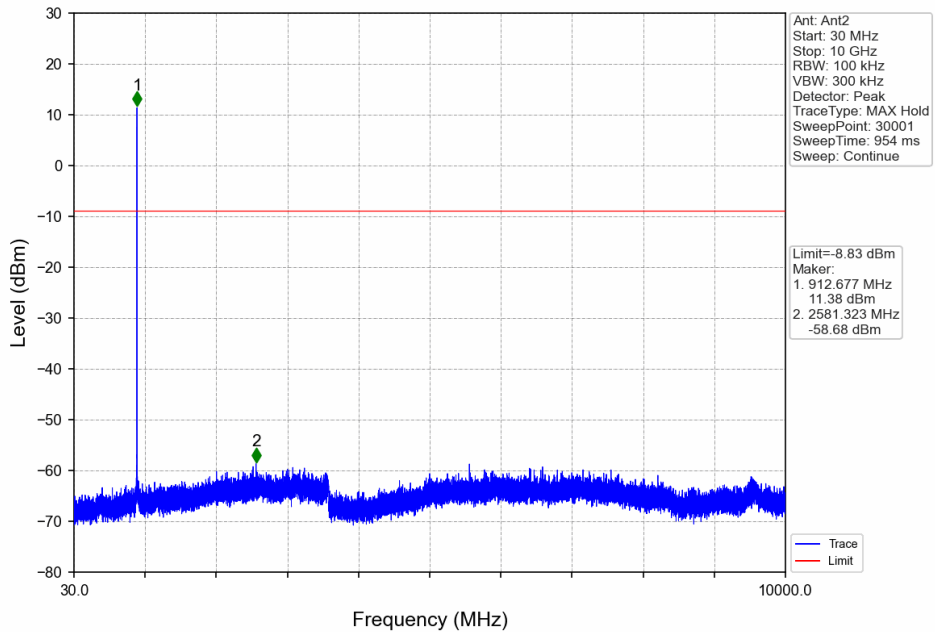
6.2.2 Test Graph



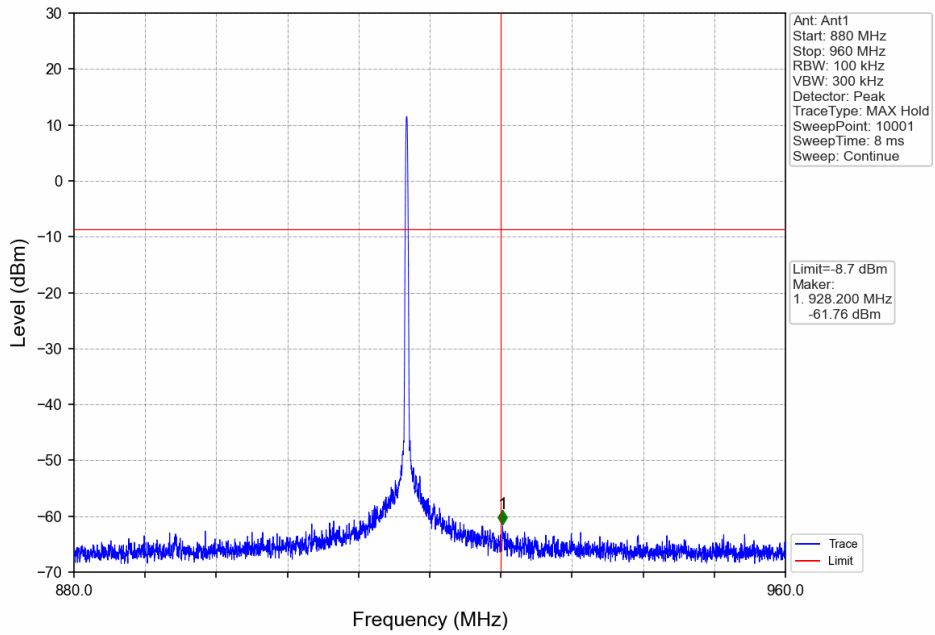
FSK_LCH_912.5MHz_Ant2_NTNV



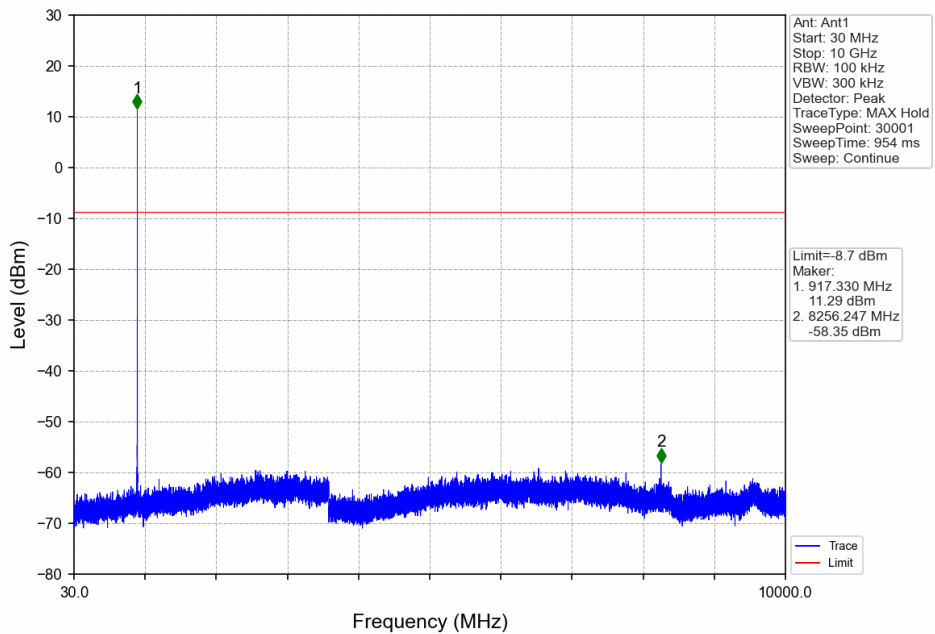
FSK_LCH_912.5MHz_Ant2_NTNV



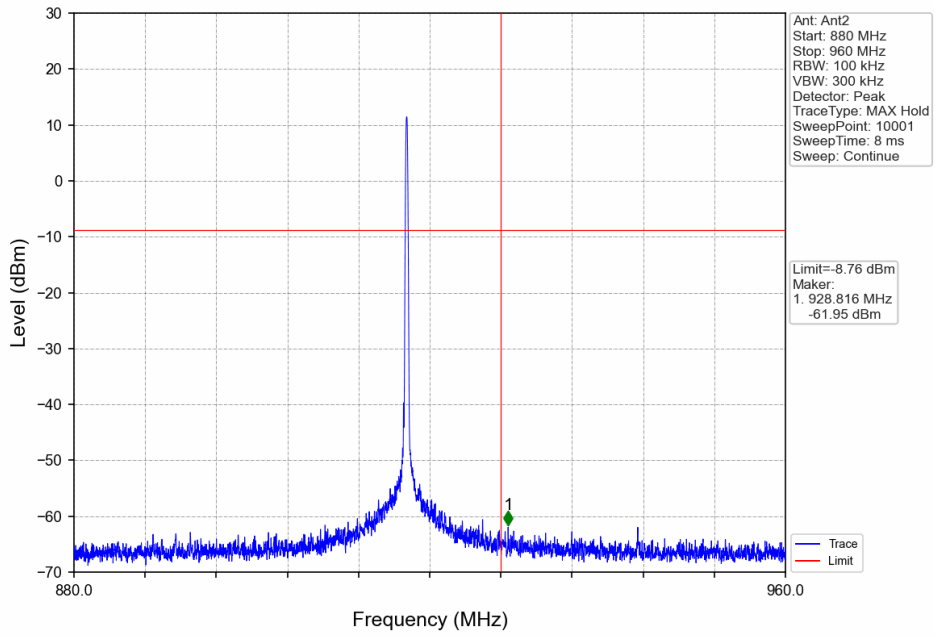
FSK_HCH_917.4MHz_Ant1_NTNV



FSK_HCH_917.4MHz_Ant1_NTNV



FSK_HCH_917.4MHz_Ant2_NTNV



FSK_HCH_917.4MHz_Ant2_NTNV

