

1. Bandwidth

1.1 Test Result

1.1.1 OBW

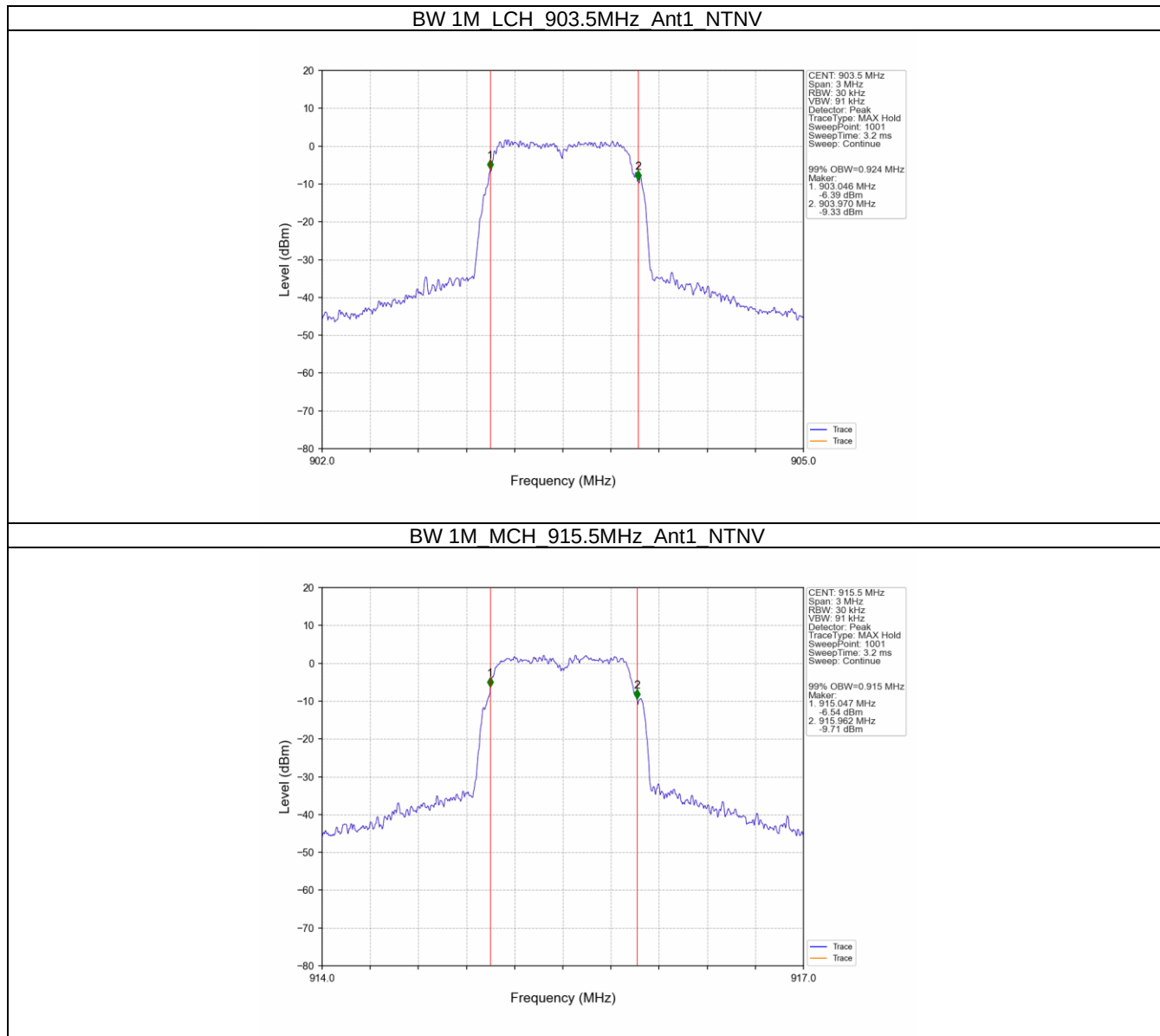
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
BW 1M	SISO	903.5	1	0.924	/	Pass
		915.5	1	0.915	/	Pass
		926.5	1	0.925	/	Pass
BW 2M	SISO	905	1	1.867	/	Pass
		915	1	1.863	/	Pass
		925	1	1.875	/	Pass
BW 4M	SISO	906	1	3.763	/	Pass
		914	1	3.755	/	Pass
		926	1	3.764	/	Pass
BW 8M	SISO	908	1	7.601	/	Pass
		916	1	7.599	/	Pass
		924	1	7.586	/	Pass

1.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
BW 1M	SISO	903.5	1	0.906	≥ 0.5	Pass
		915.5	1	0.862	≥ 0.5	Pass
		926.5	1	0.916	≥ 0.5	Pass
BW 2M	SISO	905	1	1.857	≥ 0.5	Pass
		915	1	1.834	≥ 0.5	Pass
		925	1	1.850	≥ 0.5	Pass
BW 4M	SISO	906	1	3.684	≥ 0.5	Pass
		914	1	3.695	≥ 0.5	Pass
		926	1	3.675	≥ 0.5	Pass
BW 8M	SISO	908	1	7.658	≥ 0.5	Pass
		916	1	7.604	≥ 0.5	Pass
		924	1	7.620	≥ 0.5	Pass

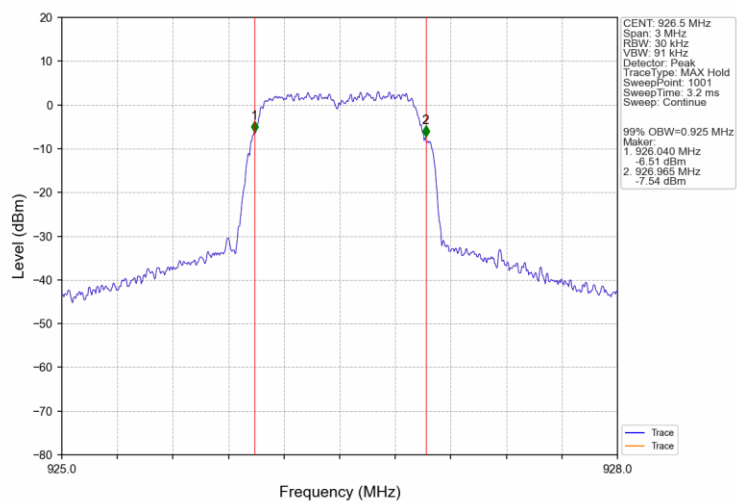
1.2 Test Graph

1.2.1 OBW

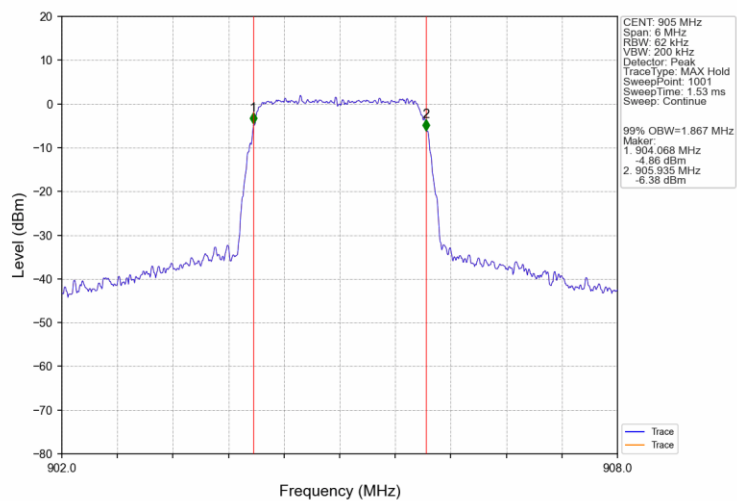




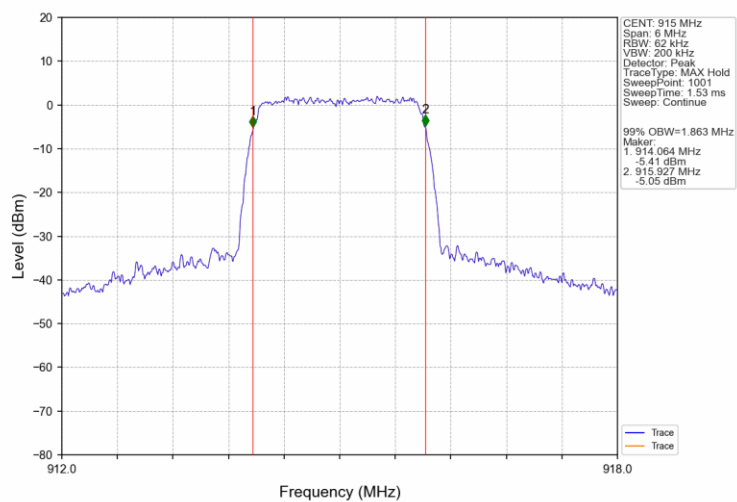
BW 1M_HCH_926.5MHz_Ant1_NTNV



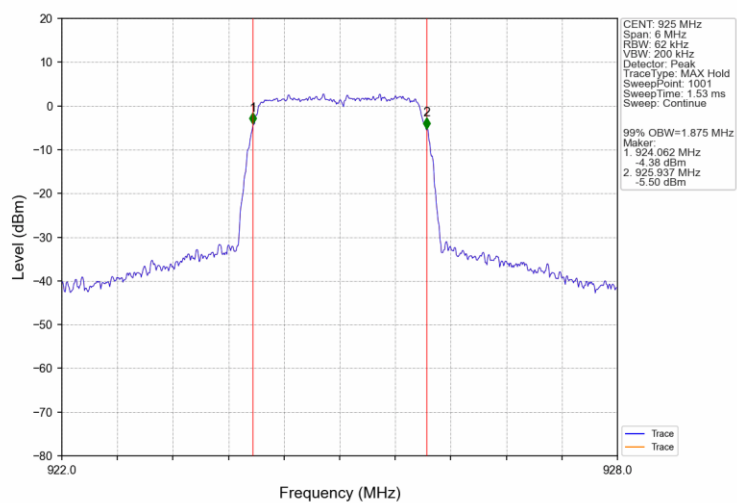
BW 2M_LCH_905MHz_Ant1_NTNV



BW 2M_MCH_915MHz_Ant1_NTNV

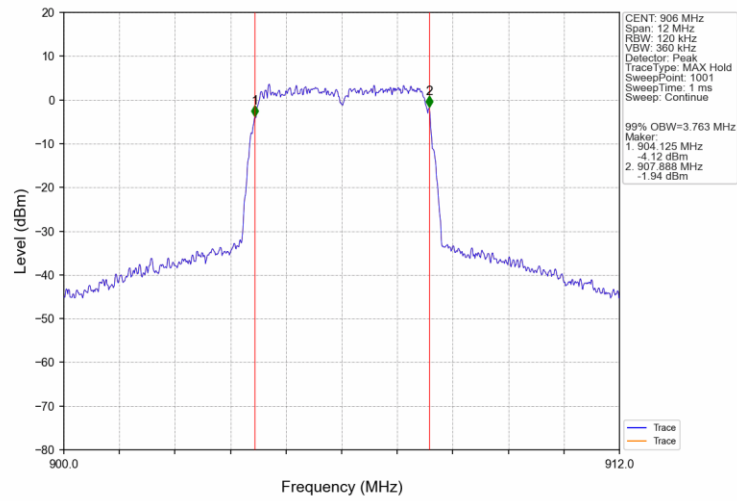


BW 2M_HCH_925MHz_Ant1_NTNV

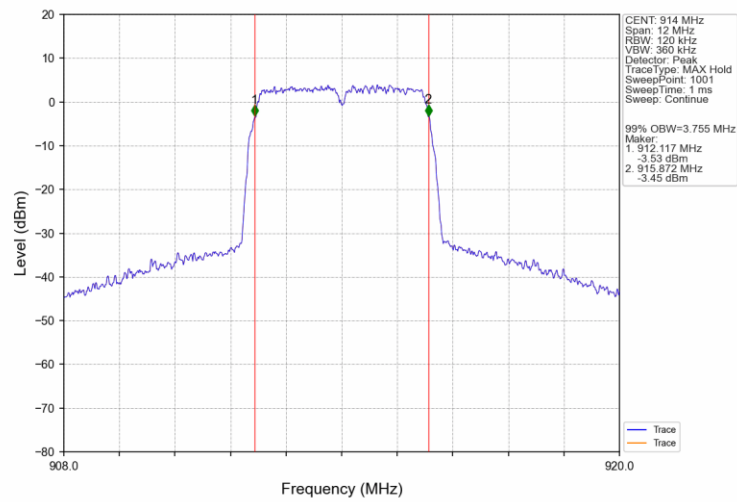




BW 4M_LCH_906MHz_Ant1_NTNV

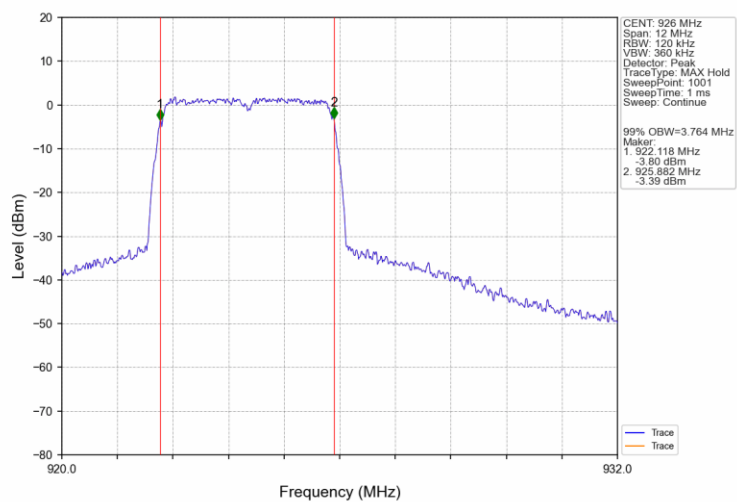


BW 4M_MCH_914MHz_Ant1_NTNV

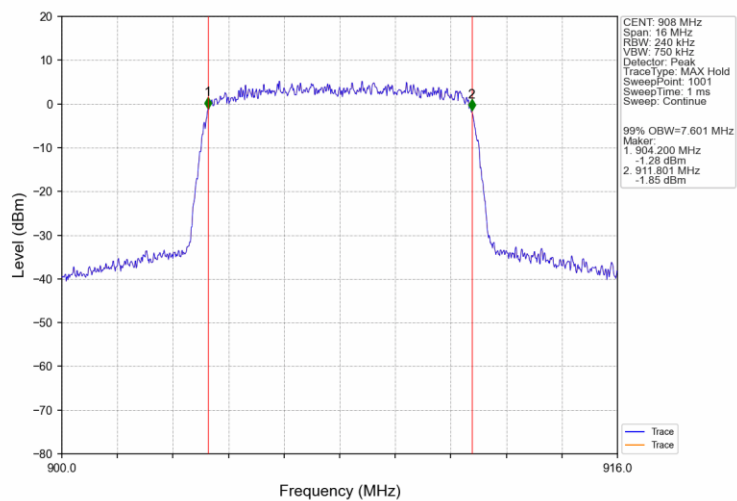




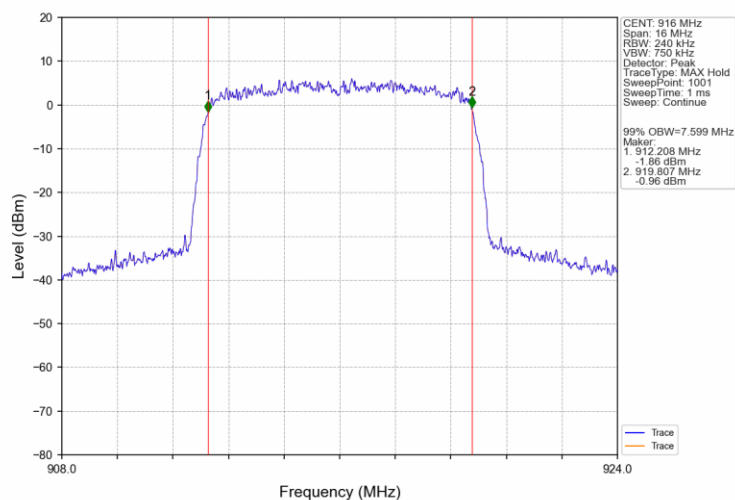
BW 4M_HCH_926MHz_Ant1_NTNV



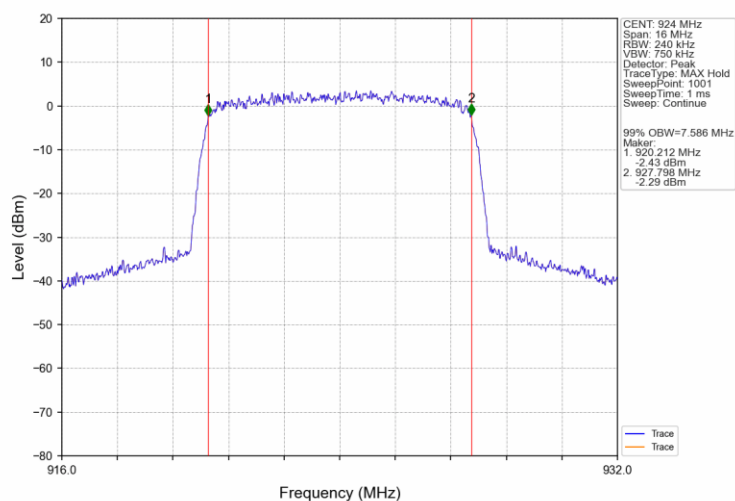
BW 8M_LCH_908MHz_Ant1_NTNV



BW 8M_MCH_916MHz_Ant1_NTNV

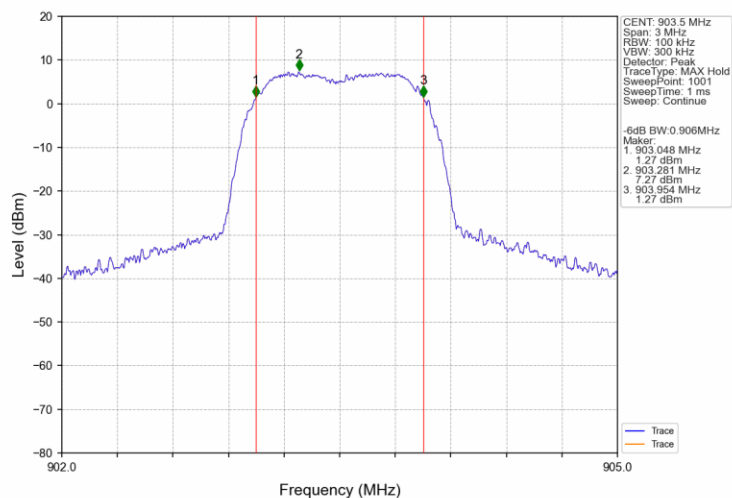


BW 8M_HCH_924MHz_Ant1_NTNV

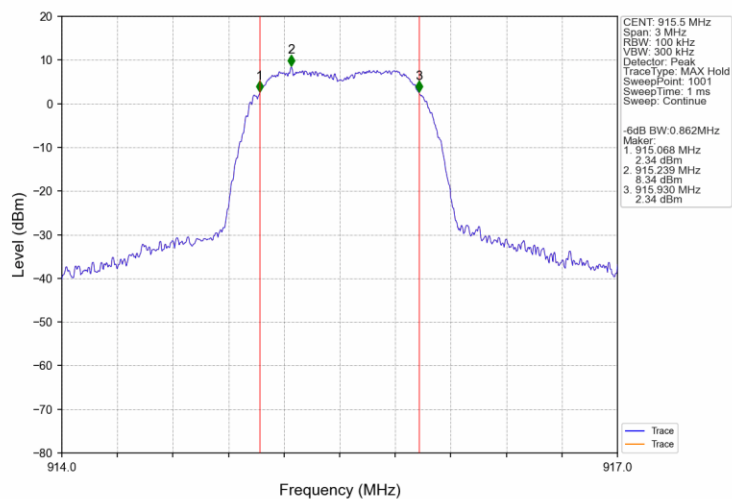


1.2.2 6dB BW

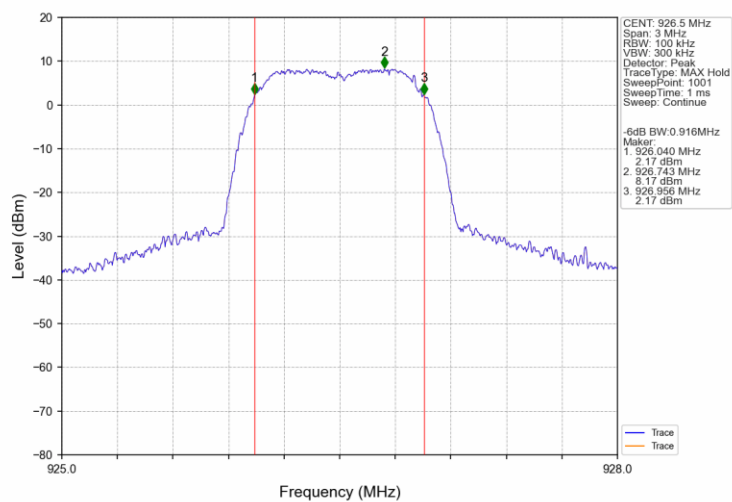
BW 1M LCH 903.5MHz Ant1 NTN



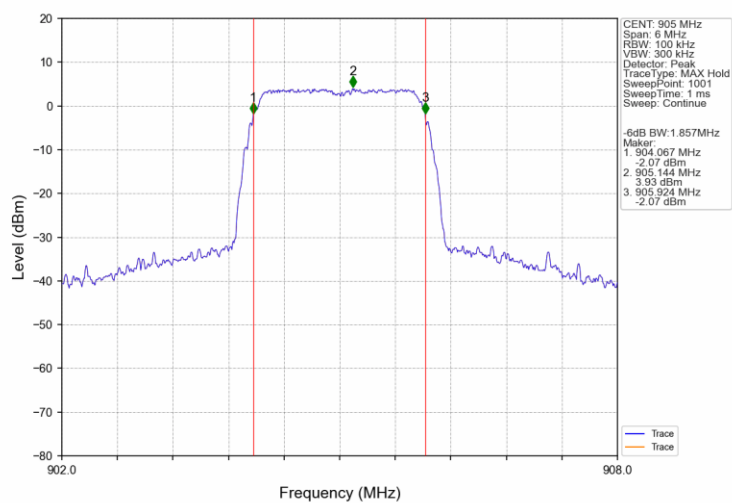
BW 1M MCH 915.5MHz Ant1 NTN



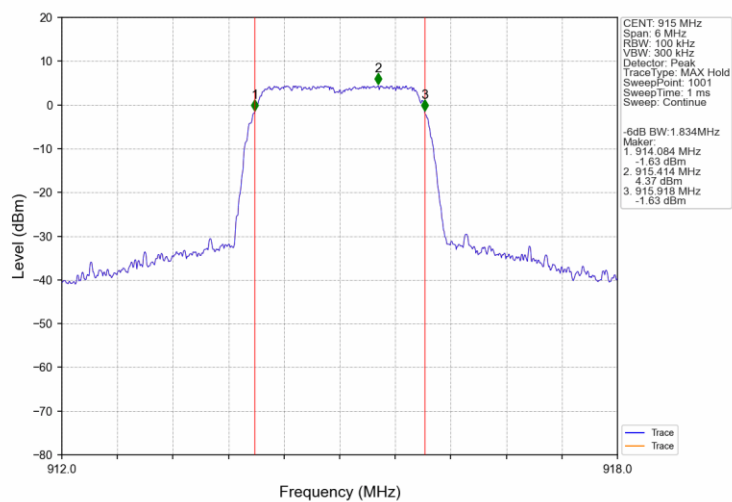
BW 1M_HCH_926.5MHz_Ant1_NTNV



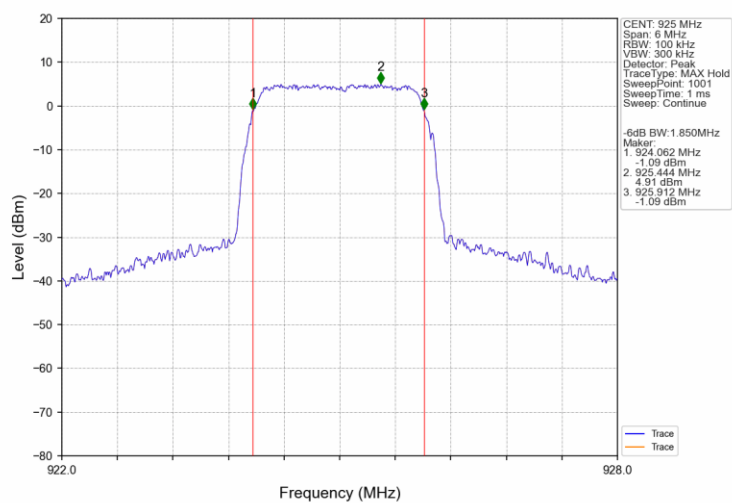
BW 2M_LCH_905MHz_Ant1_NTNV



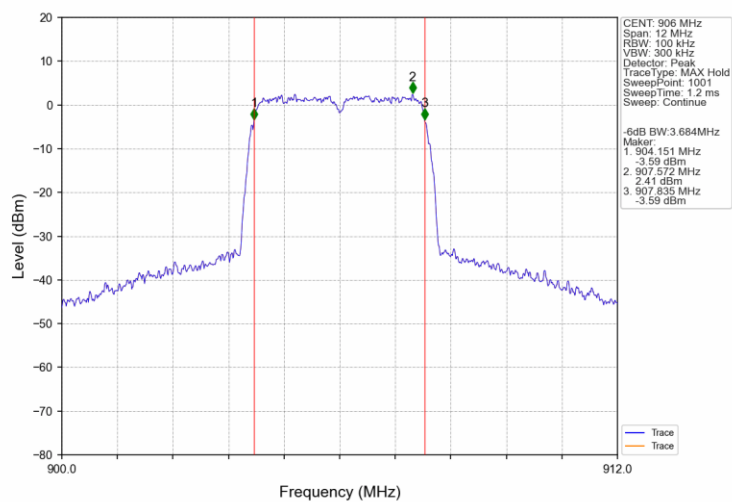
BW 2M_MCH_915MHz_Ant1_NTNV



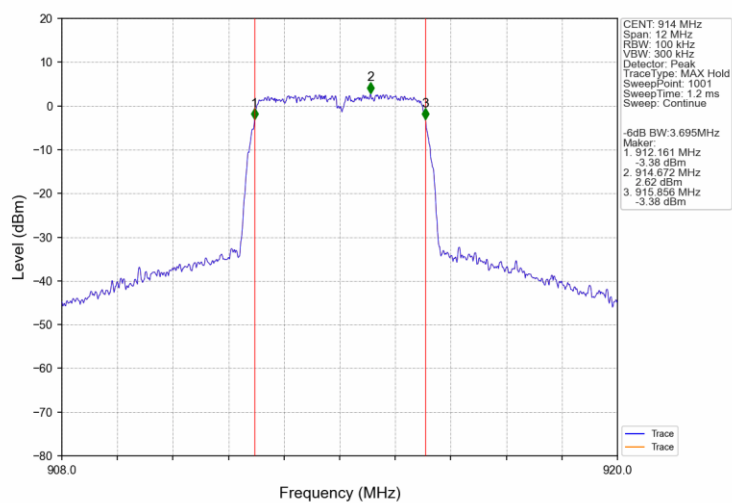
BW 2M_HCH_925MHz_Ant1_NTNV



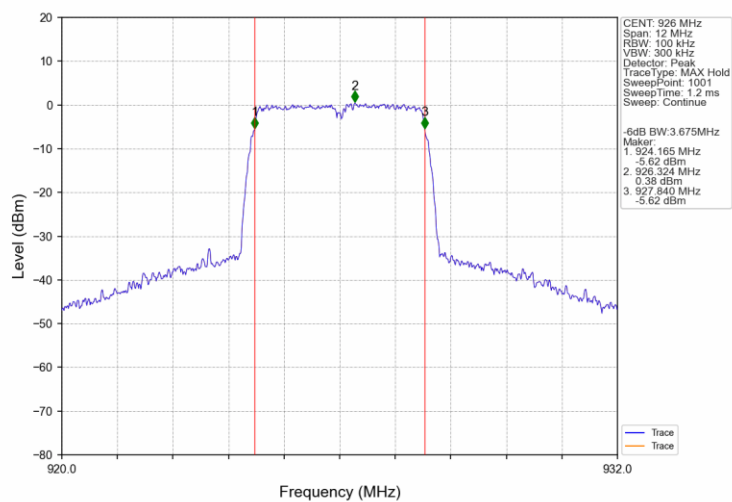
BW 4M_LCH_906MHz_Ant1_NTNV



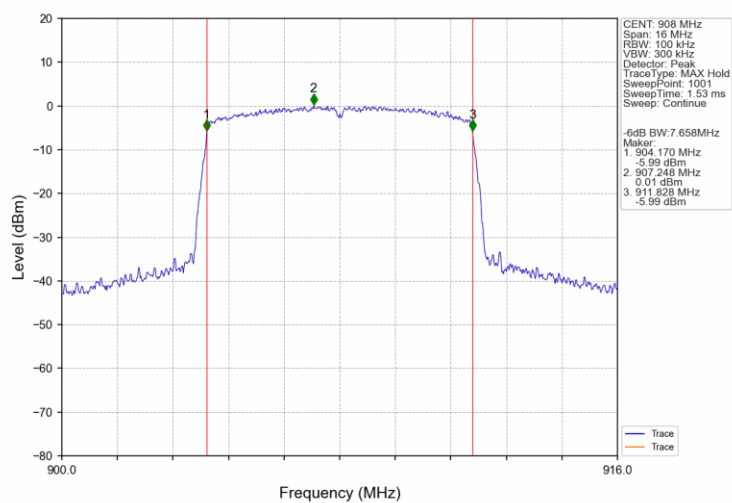
BW 4M_MCH_914MHz_Ant1_NTNV



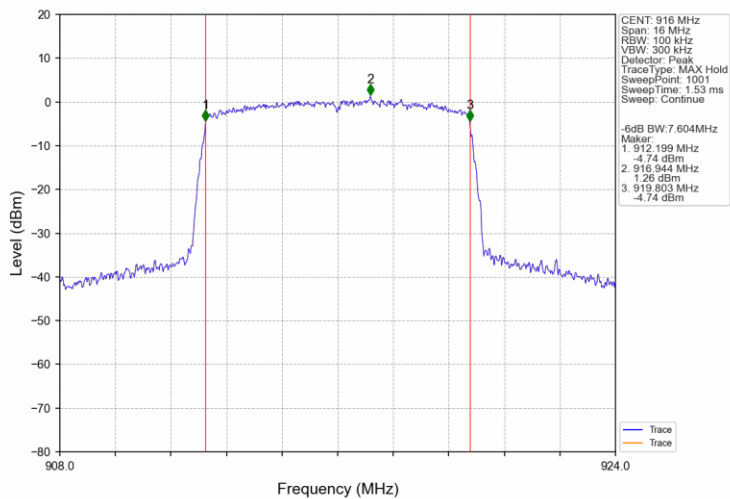
BW 4M_HCH_926MHz_Ant1_NTNV



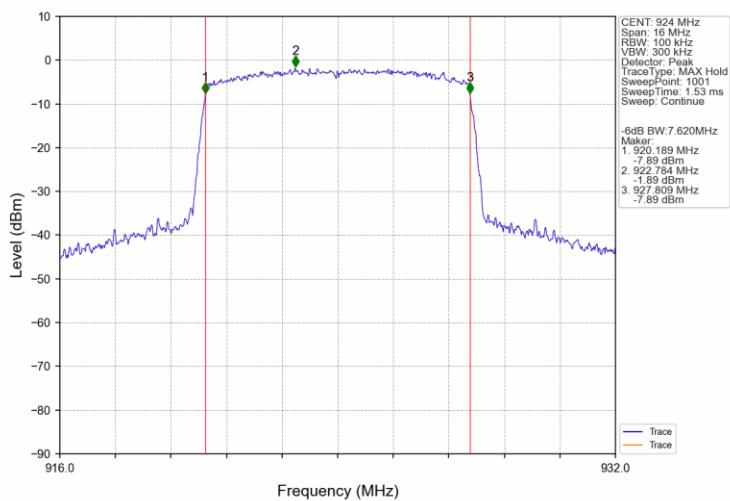
BW 8M_LCH_908MHz_Ant1_NTNV



BW 8M_MCH_916MHz_Ant1_NTNV



BW 8M_HCH_924MHz_Ant1_NTNV



2. Maximum Conducted Output Power

2.1 Test Result

2.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
BW 1M	SISO	903.5	17.45	<=30	Pass
		915.5	17.92	<=30	Pass
		926.5	18.27	<=30	Pass
BW 2M	SISO	905	18.47	<=30	Pass
		915	18.27	<=30	Pass
		925	18.38	<=30	Pass
BW 4M	SISO	906	18.86	<=30	Pass
		914	19.44	<=30	Pass
		926	16.24	<=30	Pass
BW 8M	SISO	908	20.41	<=30	Pass
		916	20.48	<=30	Pass
		924	17.65	<=30	Pass

Note1: Antenna Gain: Ant1: 0.52dBi;

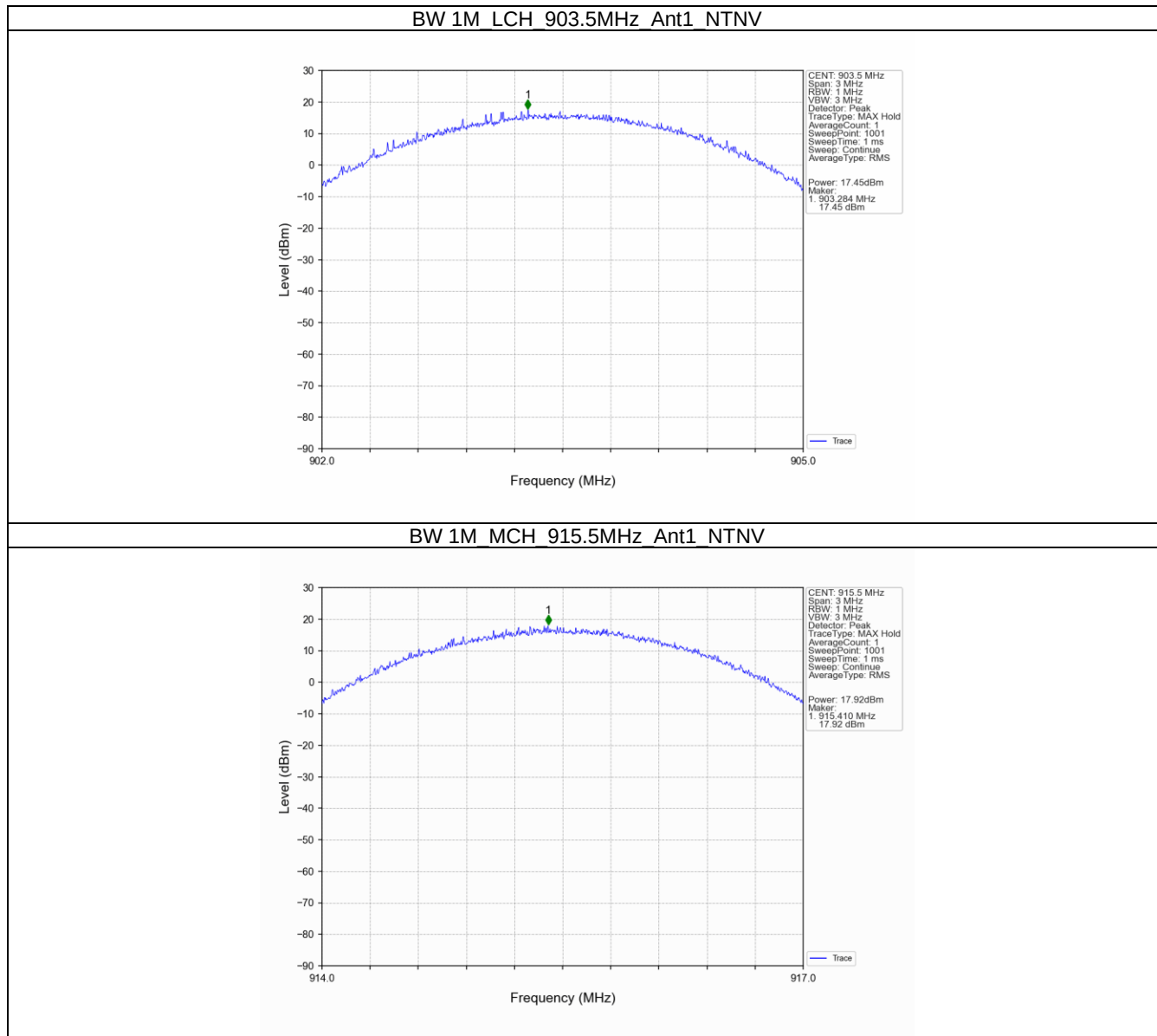
2.1.2 EIRP

Mode	TX Type	Frequency (MHz)	E.I.R.P (dBm)		Verdict
			ANT1	Limit	
BW 1M	SISO	903.5	17.97	<=36.02	Pass
		915.5	18.44	<=36.02	Pass
		926.5	18.79	<=36.02	Pass
BW 2M	SISO	905	18.99	<=36.02	Pass
		915	18.79	<=36.02	Pass
		925	18.90	<=36.02	Pass
BW 4M	SISO	906	19.38	<=36.02	Pass
		914	19.96	<=36.02	Pass
		926	16.76	<=36.02	Pass
BW 8M	SISO	908	20.93	<=36.02	Pass
		916	21.00	<=36.02	Pass
		924	18.17	<=36.02	Pass

Note1: Antenna Gain: Ant1: 0.52dBi;
Note2: E.I.R.P = Measured Power + Antenna Gain

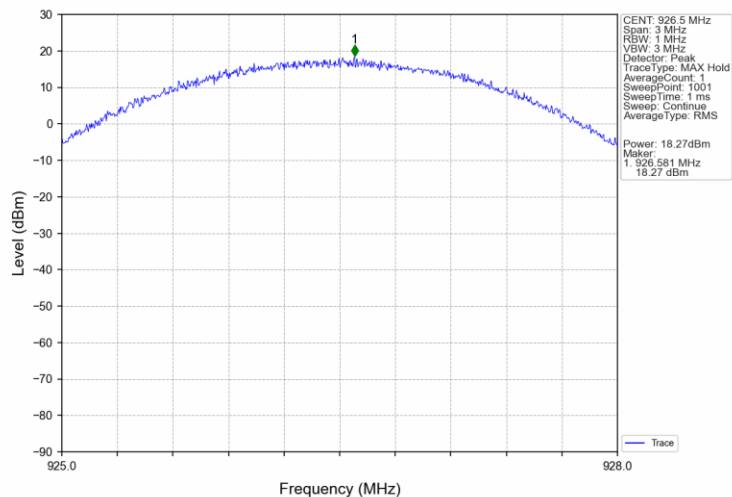
2.2 Test Graph

2.2.1 Power

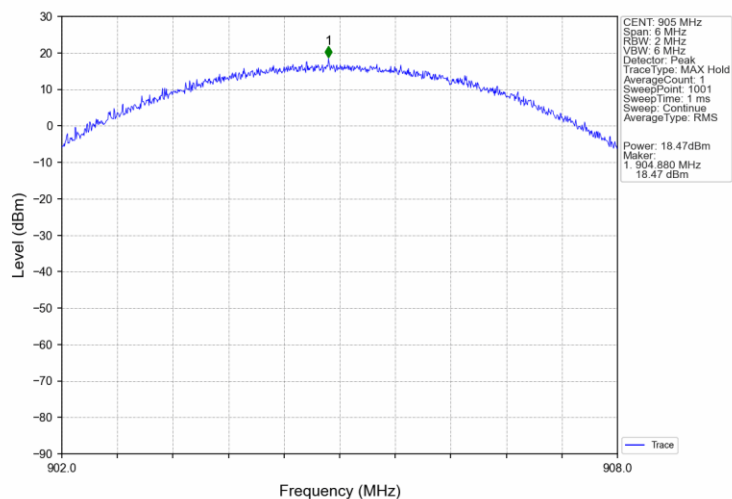




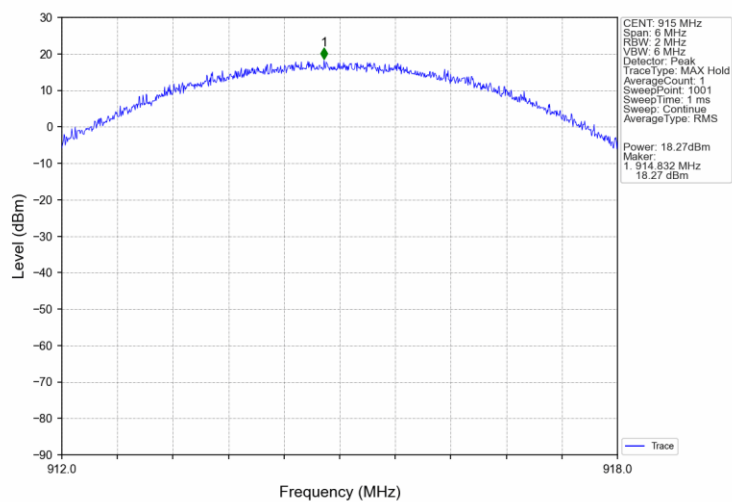
BW 1M_HCH_926.5MHz_Ant1_NTNV



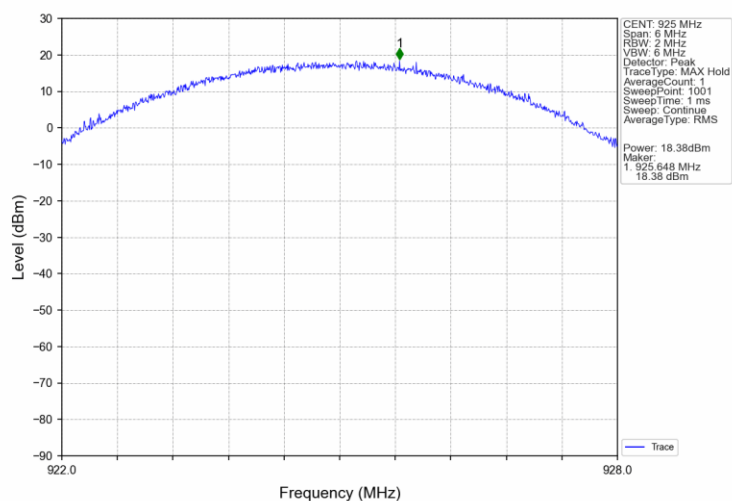
BW 2M_LCH_905MHz_Ant1_NTNV



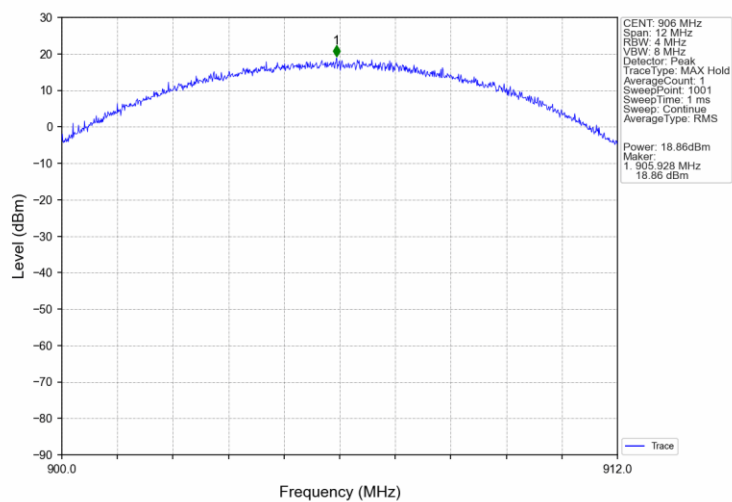
BW 2M_MCH_915MHz_Ant1_NTNV



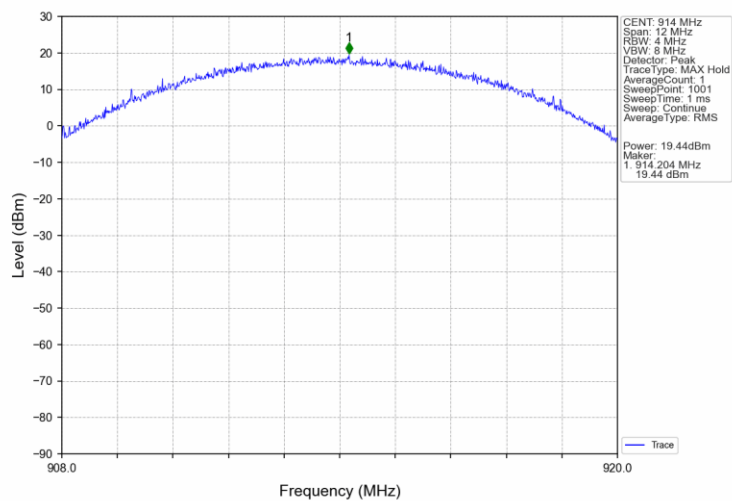
BW 2M_HCH_925MHz_Ant1_NTNV



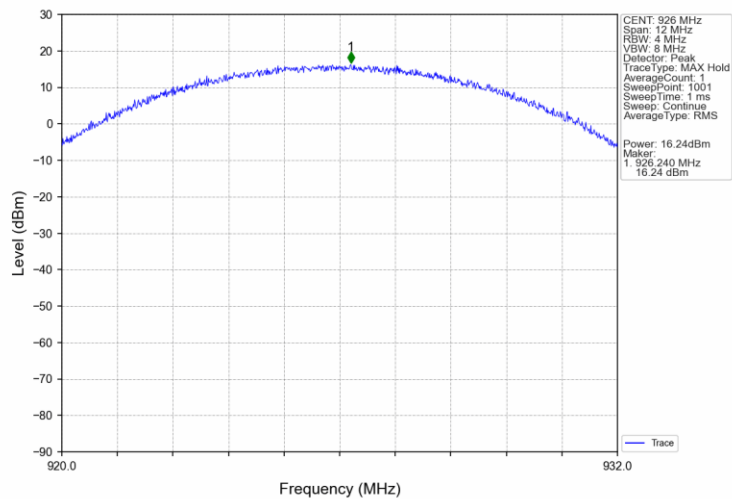
BW 4M_LCH_906MHz_Ant1_NTNV



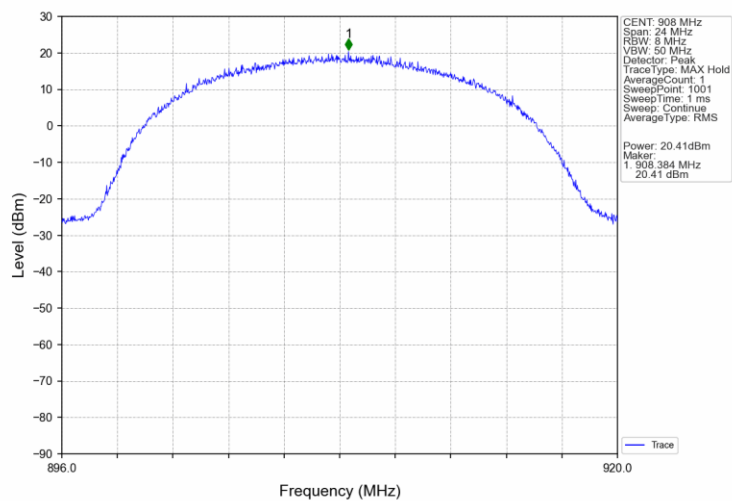
BW 4M_MCH_914MHz_Ant1_NTNV



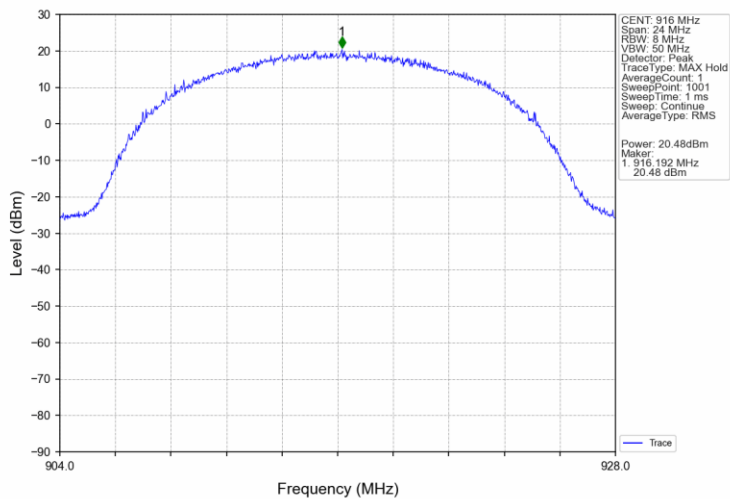
BW 4M_HCH_926MHz_Ant1_NTNV



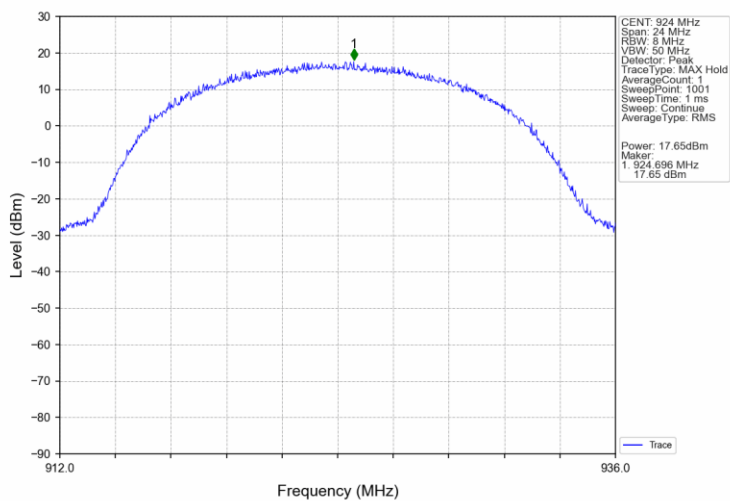
BW 8M_LCH_908MHz_Ant1_NTNV



BW 8M_MCH_916MHz_Ant1_NTNV



BW 8M_HCH_924MHz_Ant1_NTNV





3. Maximum Power Spectral Density

3.1 Test Result

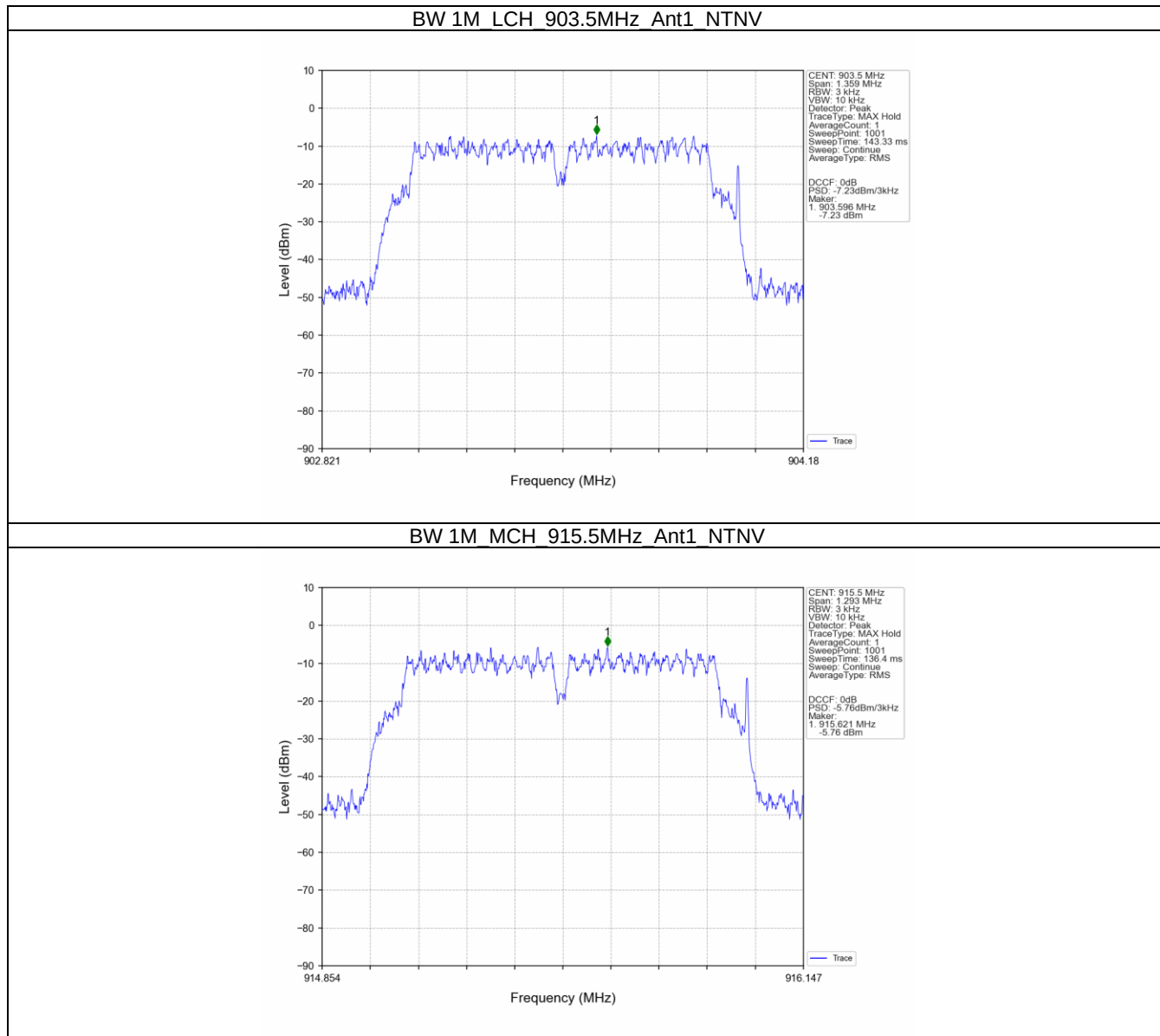
3.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
BW 1M	SISO	903.5	-7.23	<=8	Pass
		915.5	-5.76	<=8	Pass
		926.5	-5.29	<=8	Pass
BW 2M	SISO	905	-9.95	<=8	Pass
		915	-9.37	<=8	Pass
		925	-7.58	<=8	Pass
BW 4M	SISO	906	-11.82	<=8	Pass
		914	-11.31	<=8	Pass
		926	-13.61	<=8	Pass
BW 8M	SISO	908	-14.98	<=8	Pass
		916	-13.70	<=8	Pass
		924	-14.88	<=8	Pass

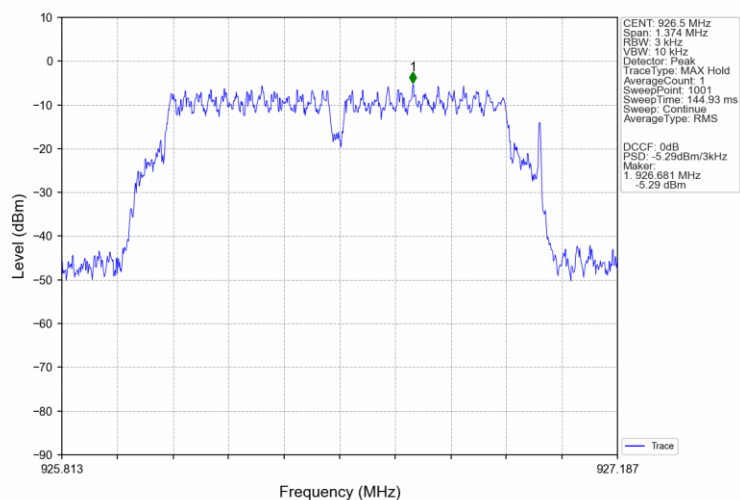
Note1: Antenna Gain: Ant1: 0.52dBi;

3.2 Test Graph

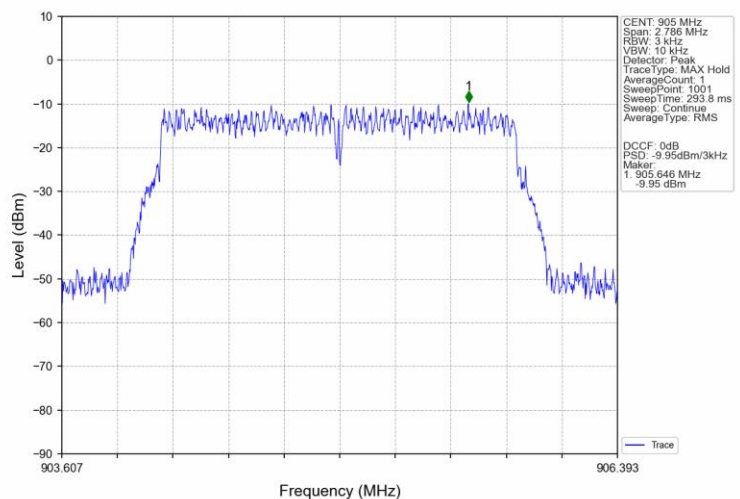
3.2.1 PSD



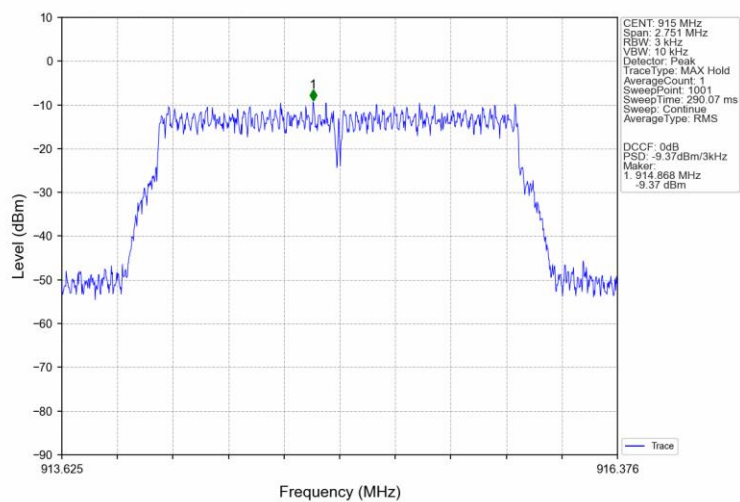
BW 1M_HCH_926.5MHz_Ant1_NTNV



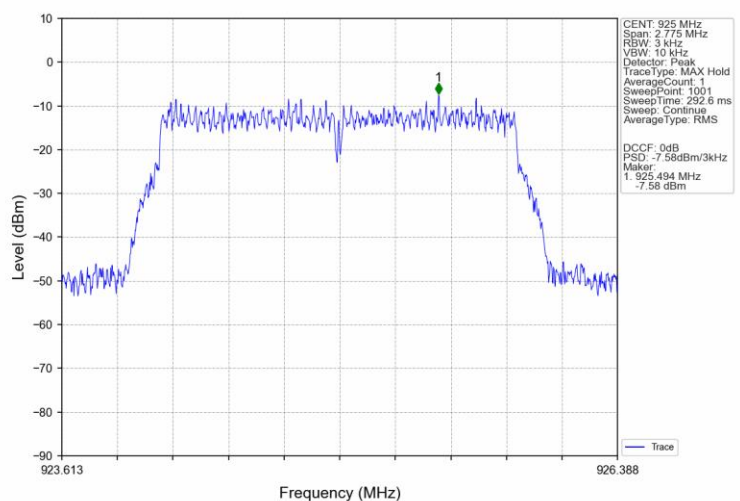
BW 2M_LCH_905MHz_Ant1_NTNV



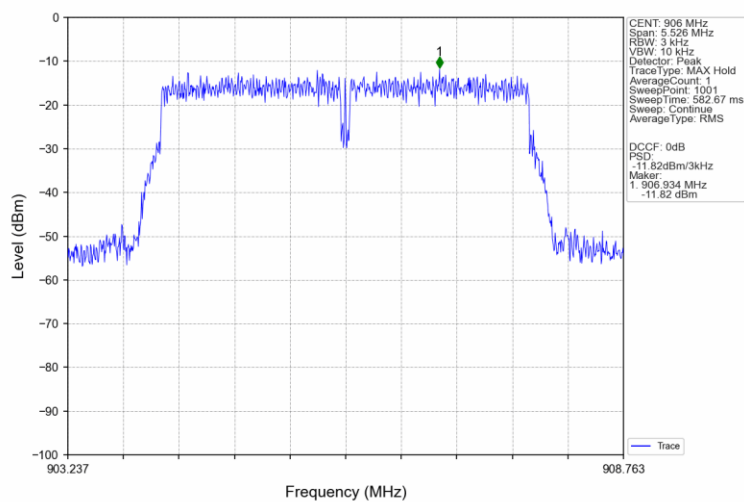
BW 2M_MCH_915MHz_Ant1_NTNV



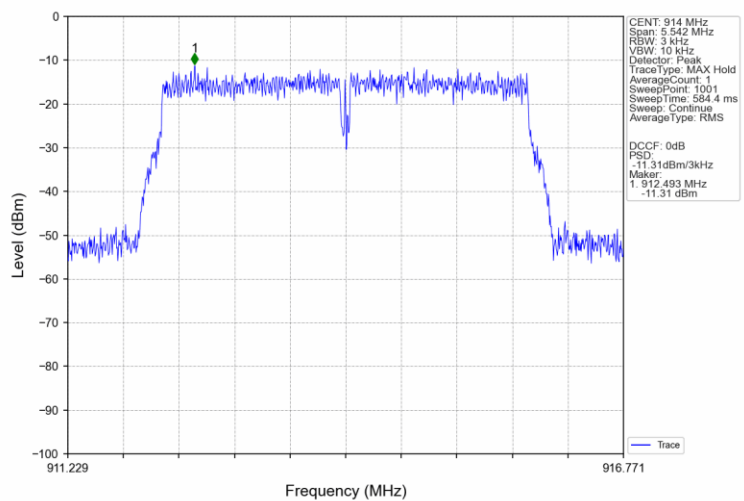
BW 2M_HCH_925MHz_Ant1_NTNV



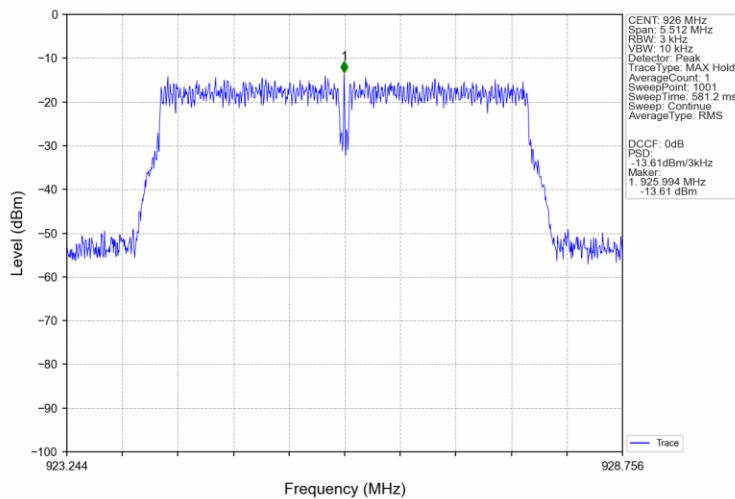
BW 4M_LCH_906MHz_Ant1_NTNV



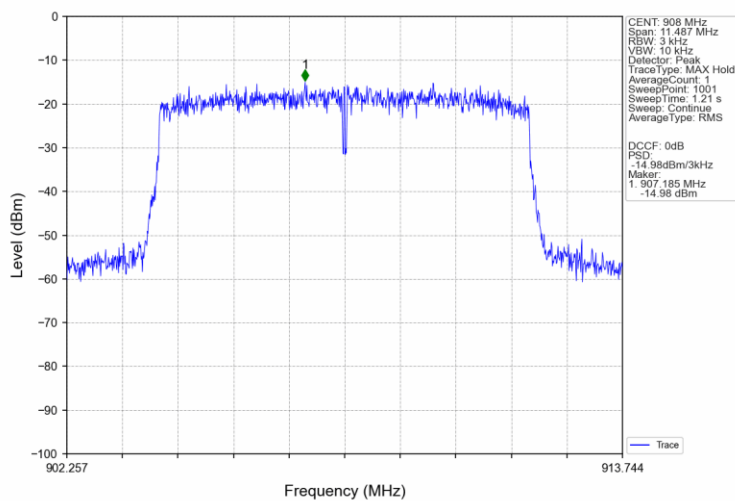
BW 4M_MCH_914MHz_Ant1_NTNV



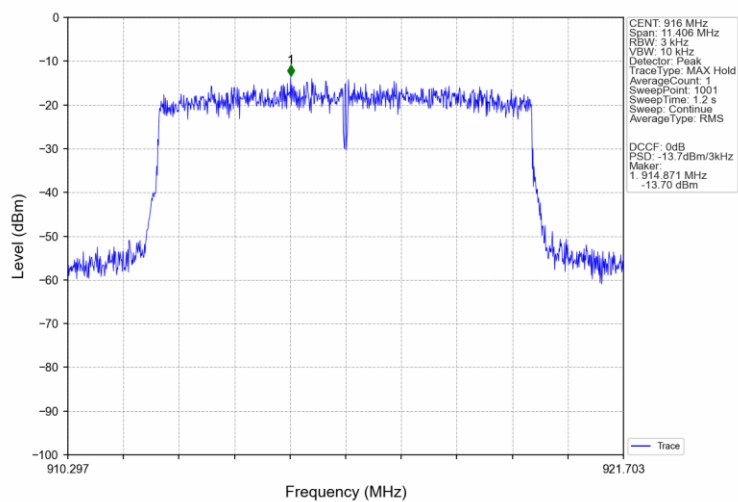
BW 4M_HCH_926MHz_Ant1_NTNV



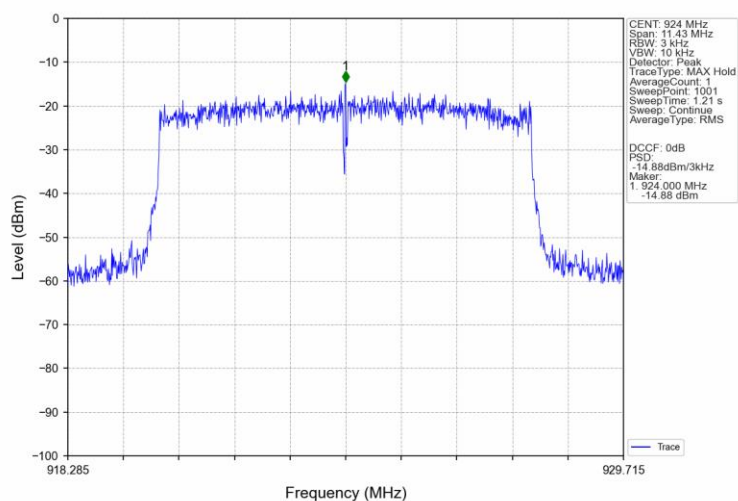
BW 8M_LCH_908MHz_Ant1_NTNV



BW 8M_MCH_916MHz_Ant1_NTNV



BW 8M_HCH_924MHz_Ant1_NTNV



4. Unwanted Emissions In Non-restricted Frequency Bands

4.1 Test Result

4.1.1 Ref

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
BW 1M	SISO	903.5	1	6.88
		915.5	1	7.94
		926.5	1	8.17
BW 2M	SISO	905	1	4.44
		915	1	4.27
		925	1	5.13
BW 4M	SISO	906	1	2.12
		914	1	2.46
		926	1	0.41
BW 8M	SISO	908	1	-0.07
		916	1	0.37
		924	1	-1.93

Note1: Refer to RSS-247 Issue 3 section 5.5 and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

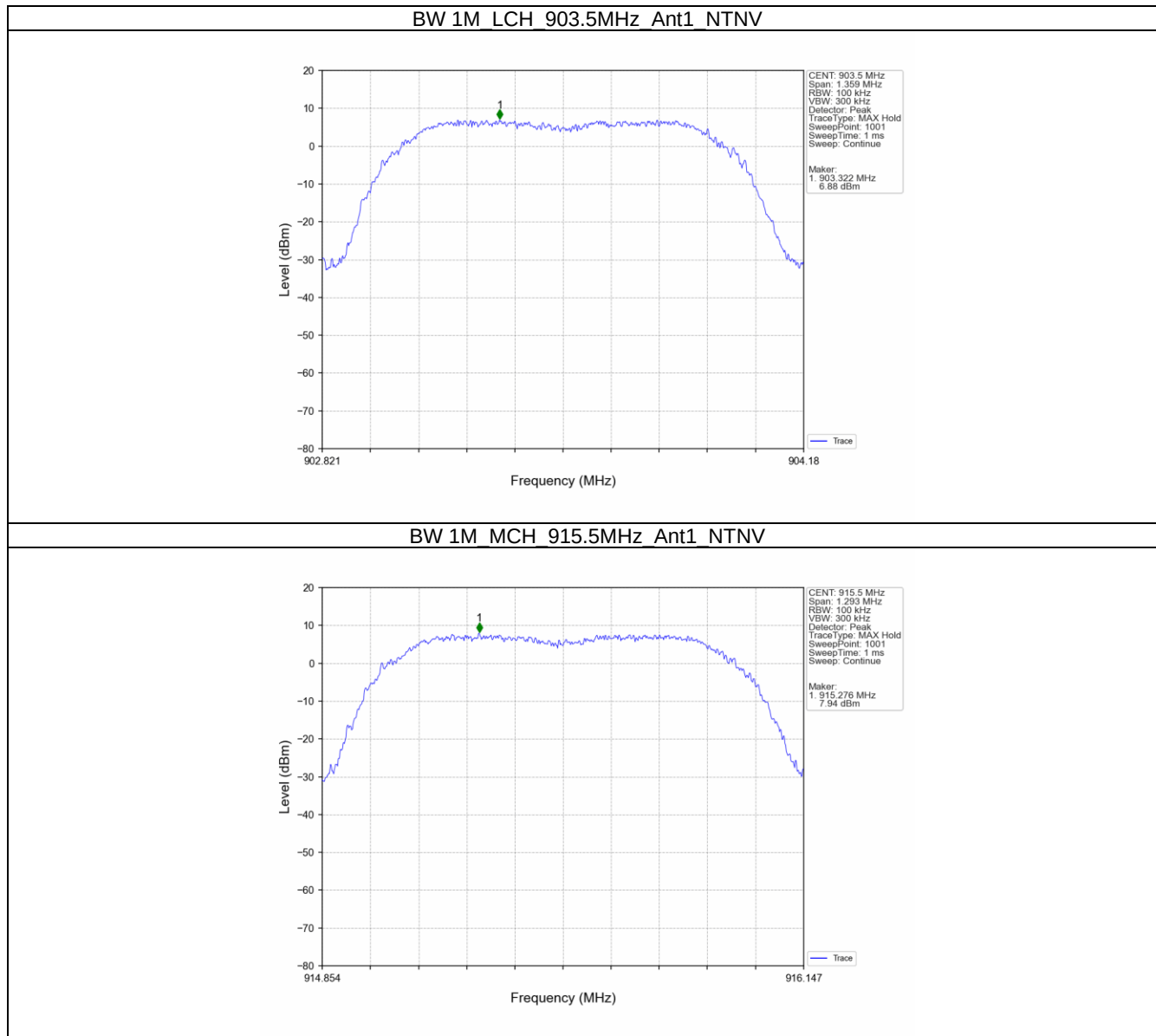
4.1.2 CSE

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
BW 1M	SISO	903.5	1	6.88	-13.12	Pass
		915.5	1	7.94	-12.06	Pass
		926.5	1	8.17	-11.83	Pass
BW 2M	SISO	905	1	4.44	-15.56	Pass
		915	1	4.27	-15.73	Pass
		925	1	5.13	-14.87	Pass
BW 4M	SISO	906	1	2.12	-17.88	Pass
		914	1	2.46	-17.54	Pass
		926	1	0.41	-19.59	Pass
BW 8M	SISO	908	1	-0.07	-20.07	Pass
		916	1	0.37	-19.63	Pass
		924	1	-1.93	-21.93	Pass

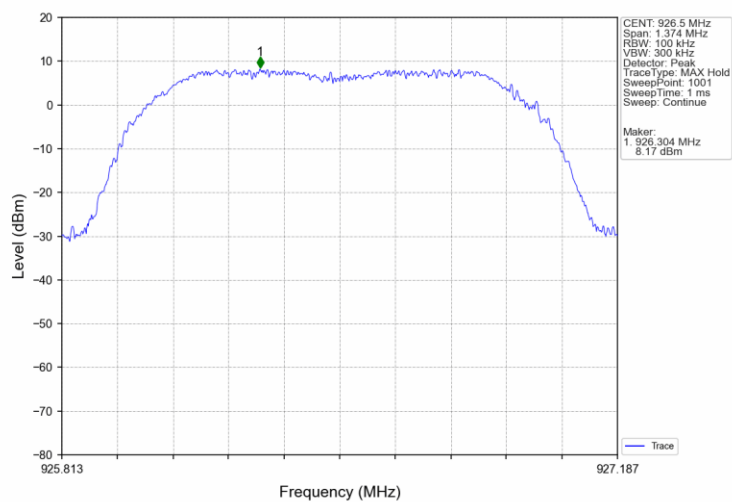
Note1: Refer to RSS-247 Issue 3 section 5.5 and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

4.2 Test Graph

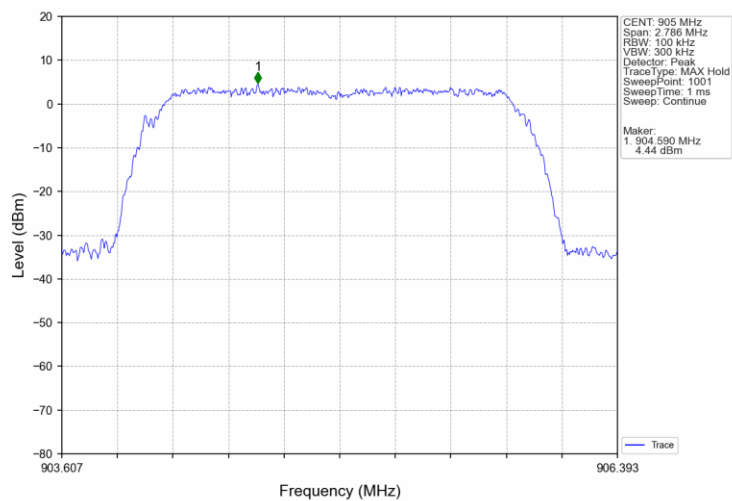
4.2.1 Ref



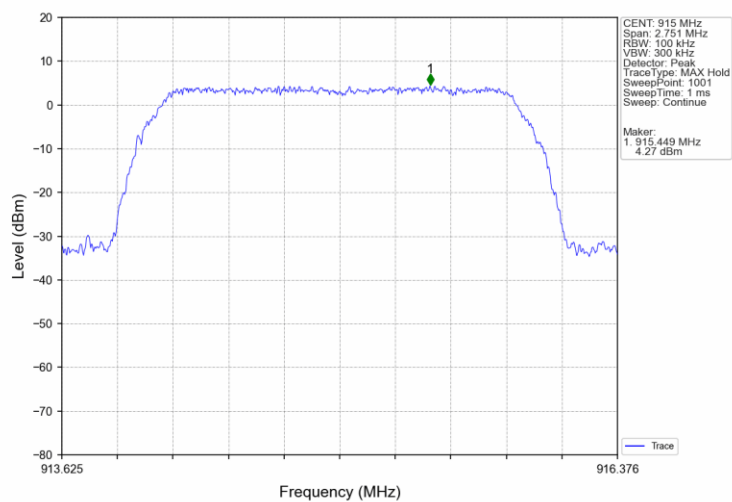
BW 1M_HCH_926.5MHz_Ant1_NTNV



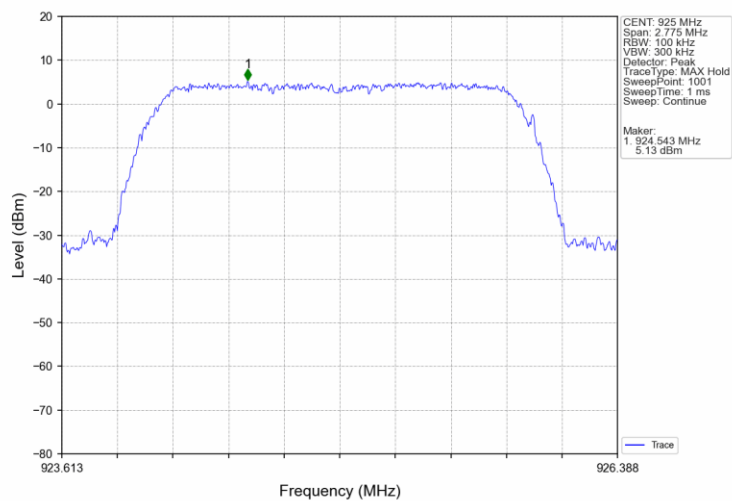
BW 2M_LCH_905MHz_Ant1_NTNV



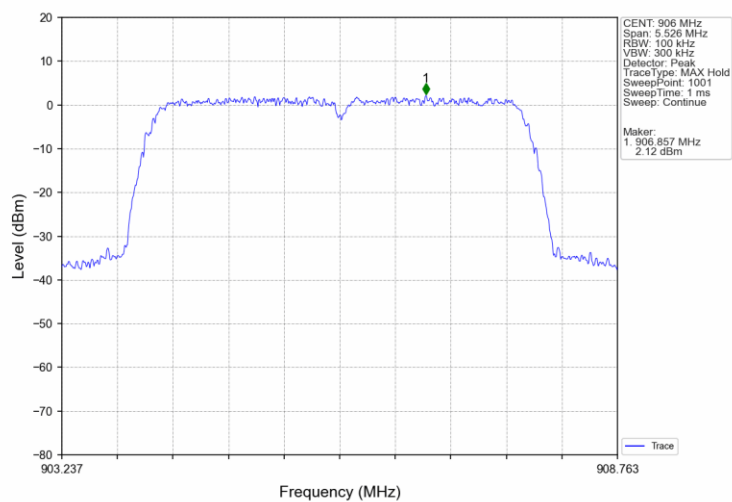
BW 2M_MCH_915MHz_Ant1_NTNV



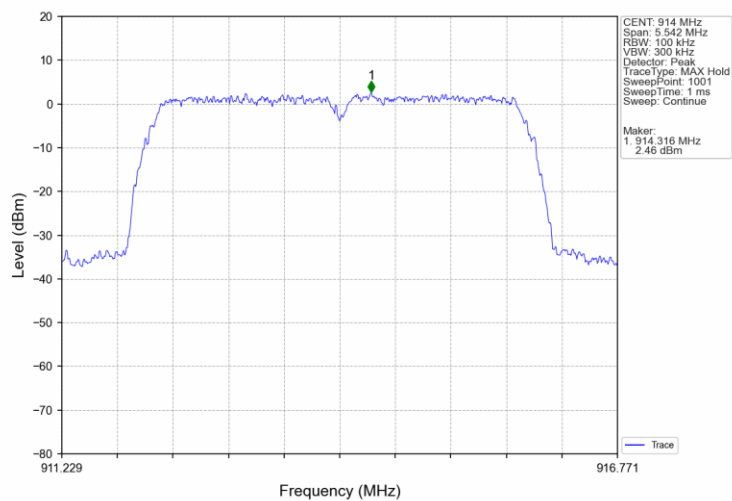
BW 2M_HCH_925MHz_Ant1_NTNV



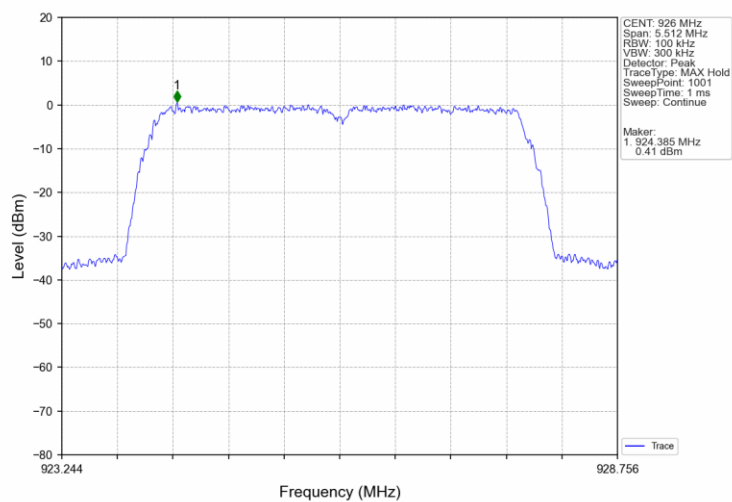
BW 4M _LCH_ 906MHz _Ant1_ NTNV



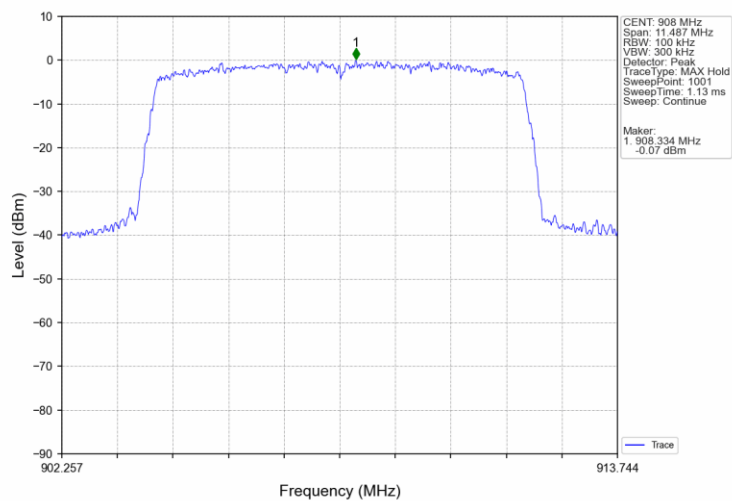
BW 4M _MCH_ 914MHz _Ant1_ NTNV



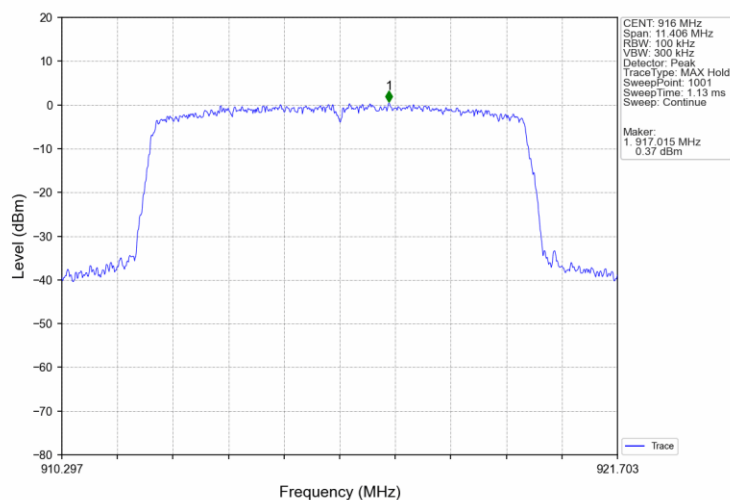
BW 4M_HCH_926MHz_Ant1_NTNV



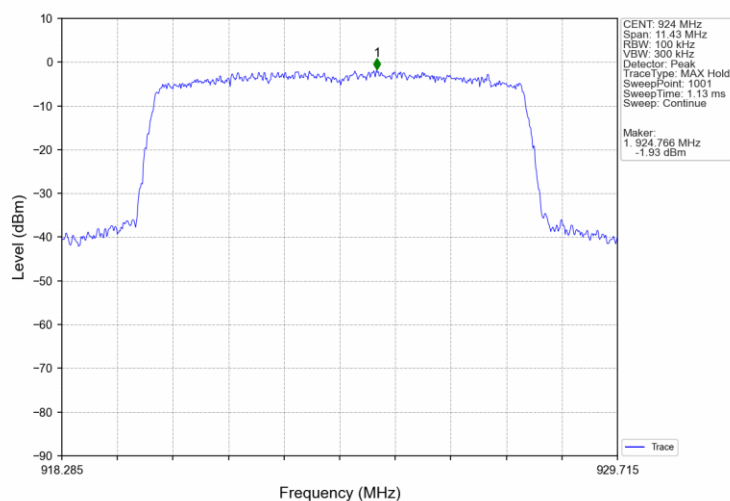
BW 8M_LCH_908MHz_Ant1_NTNV



BW 8M_MCH_916MHz_Ant1_NTNV

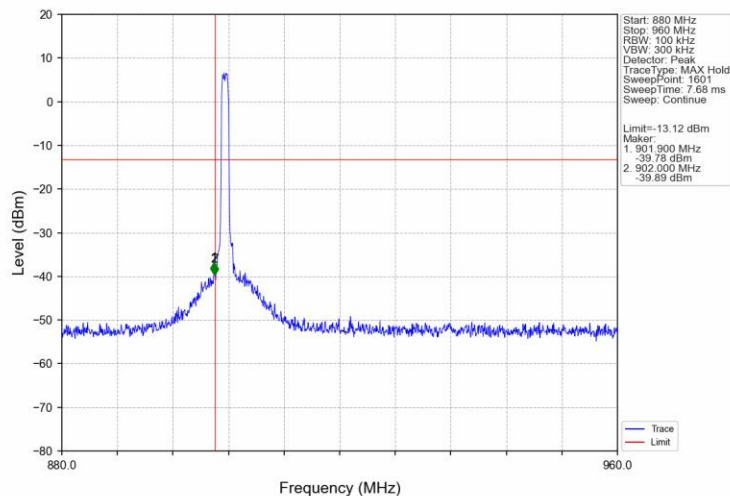


BW 8M_HCH_924MHz_Ant1_NTNV

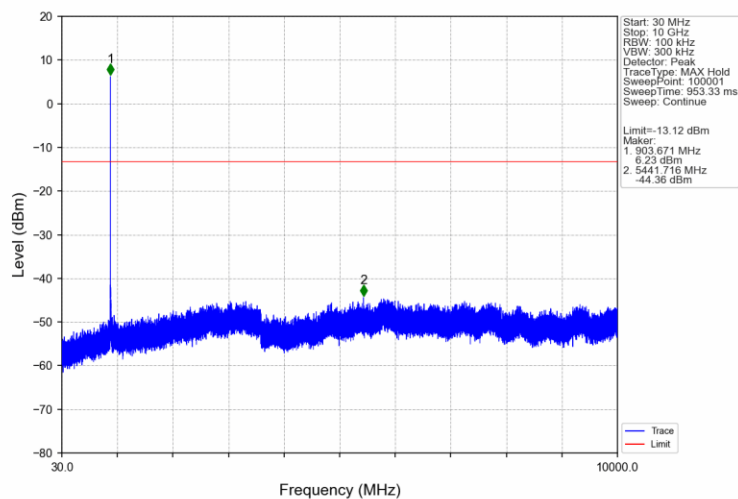


4.2.2 CSE

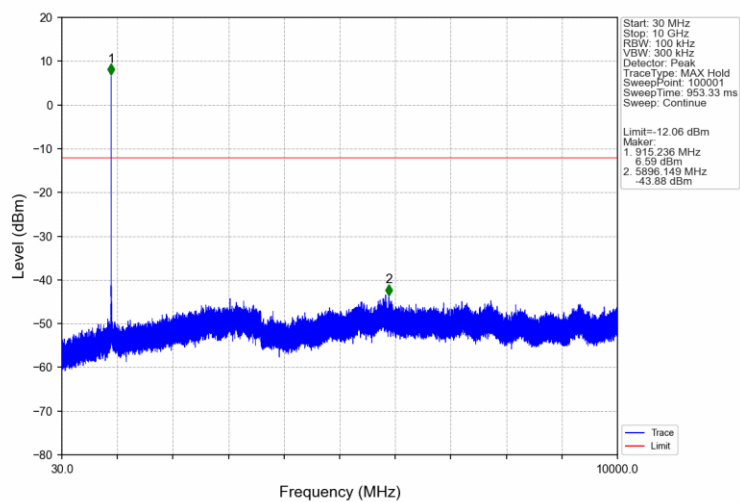
BW 1M LCH 903.5MHz Ant1 NTN



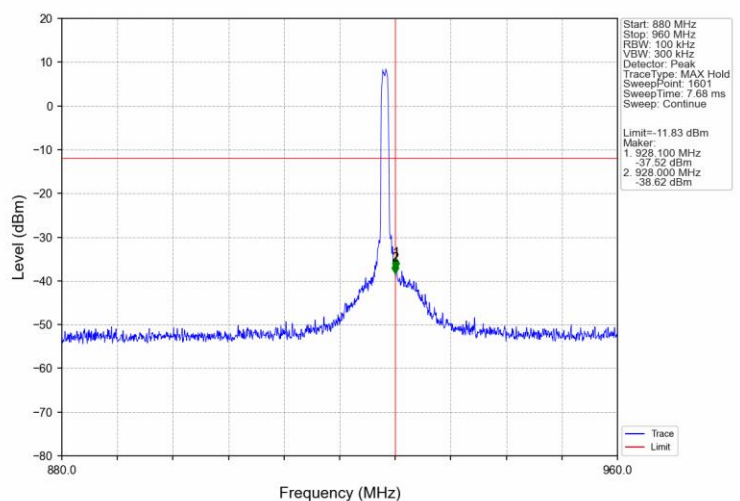
BW 1M LCH 903.5MHz Ant1 NTN



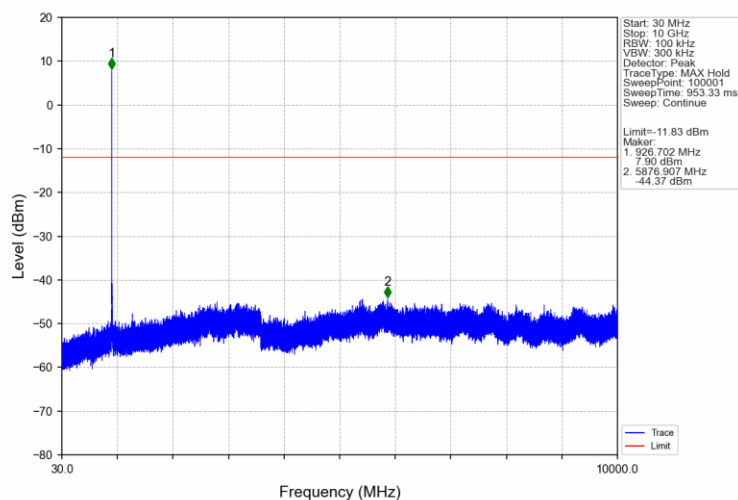
BW 1M_MCH_915.5MHz_Ant1_NTNV



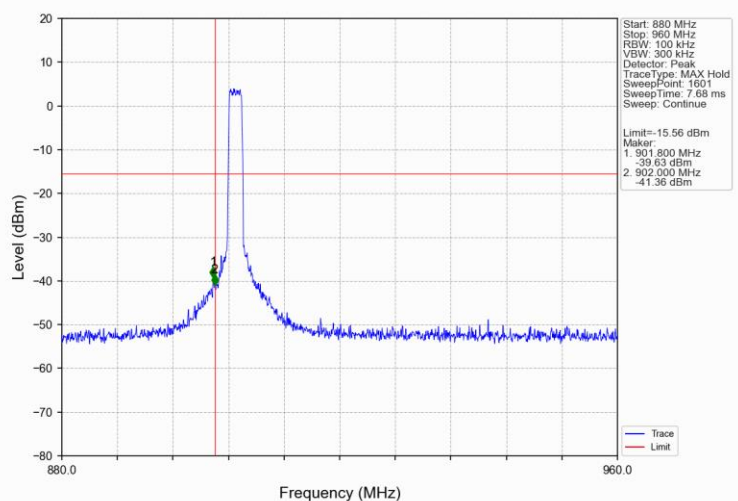
BW 1M_HCH_926.5MHz_Ant1_NTNV



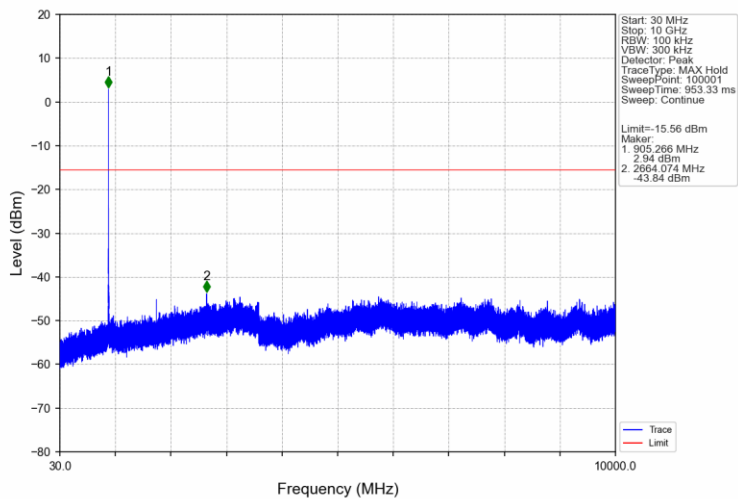
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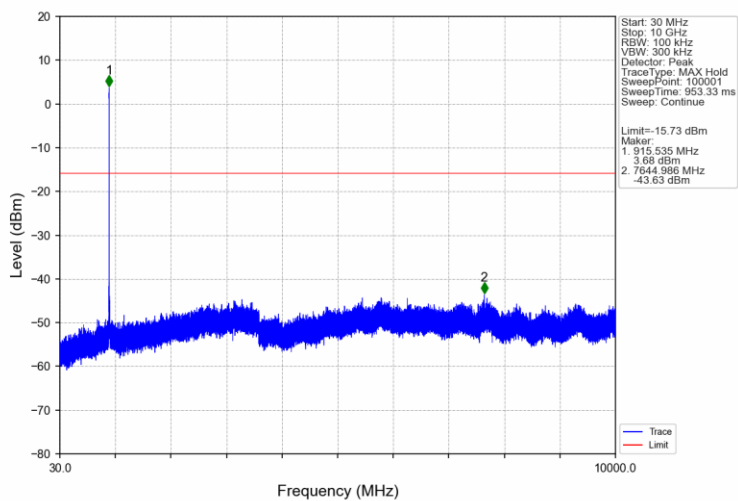
BW 2M_LCH_905MHz_Ant1_NTNV



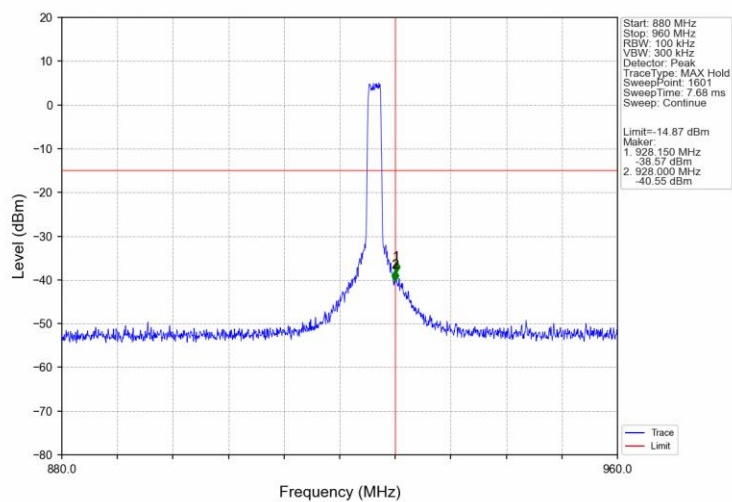
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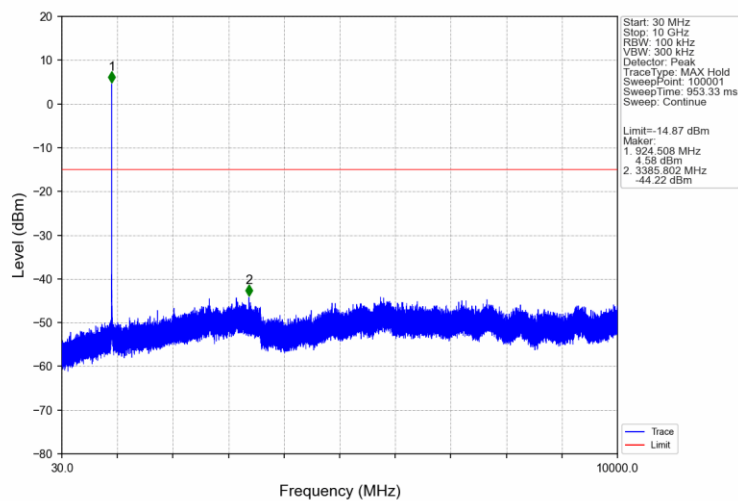
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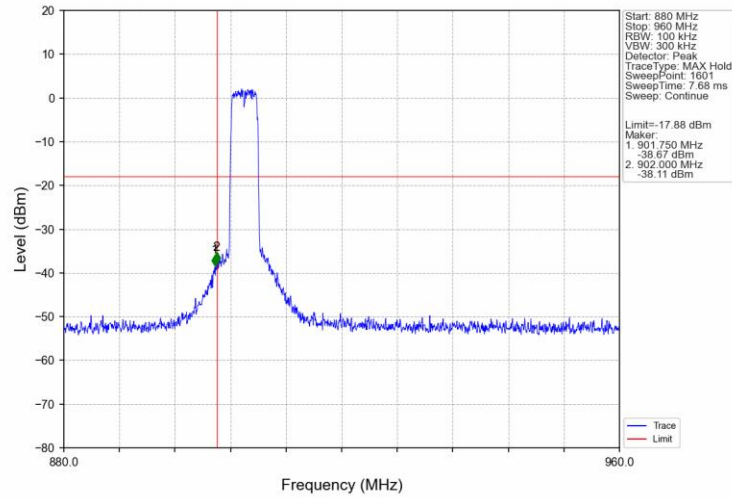
BW 2M_HCH_925MHz_Ant1_NTNV



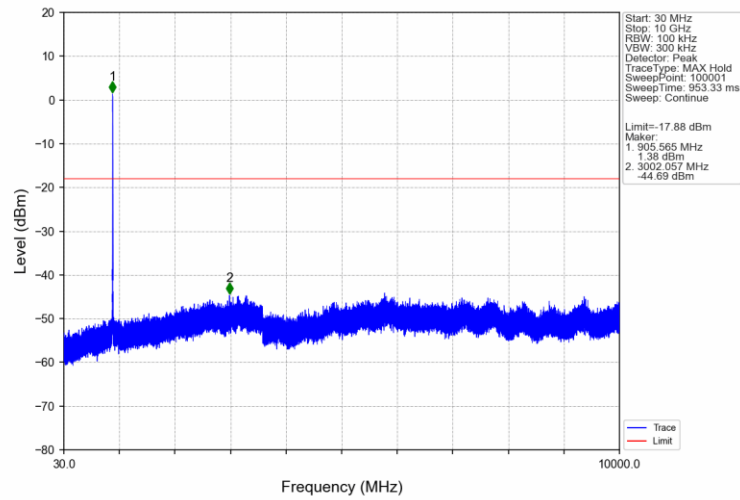
BW 2M_HCH_925MHz_Ant1_NTNV



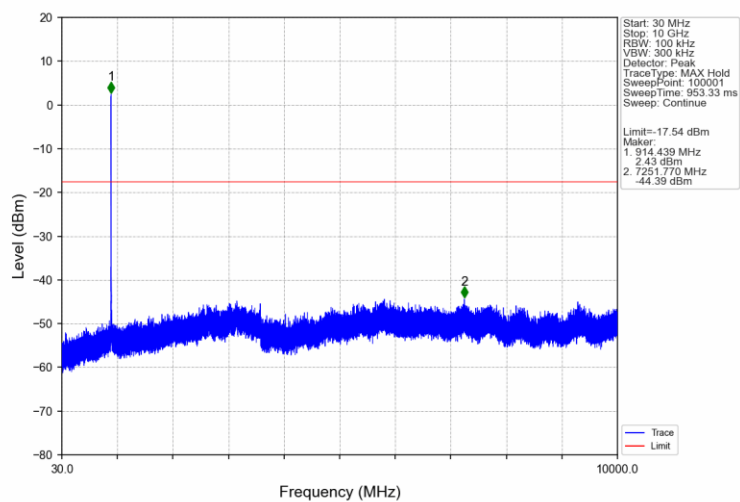
BW 4M_LCH_906MHz_Ant1_NTNV



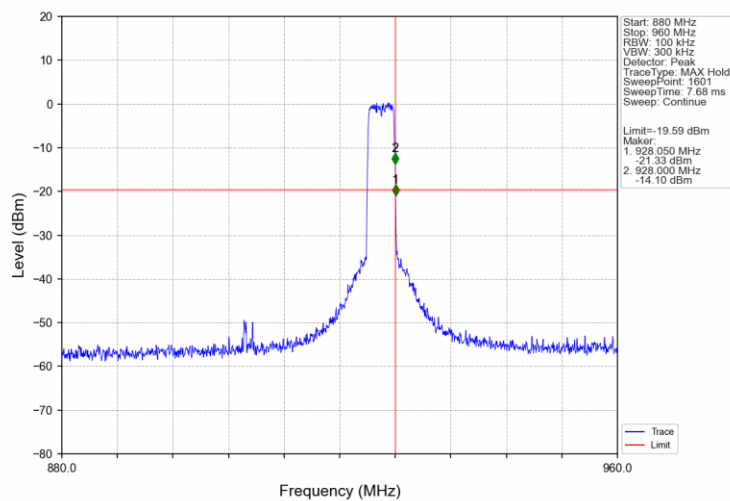
BW 4M_LCH_906MHz_Ant1_NTNV



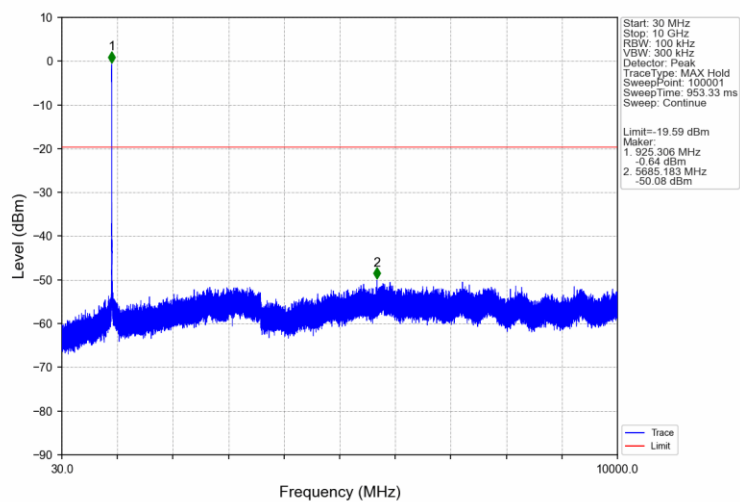
BW 4M _MCH_ 914MHz_Ant1_NTNV



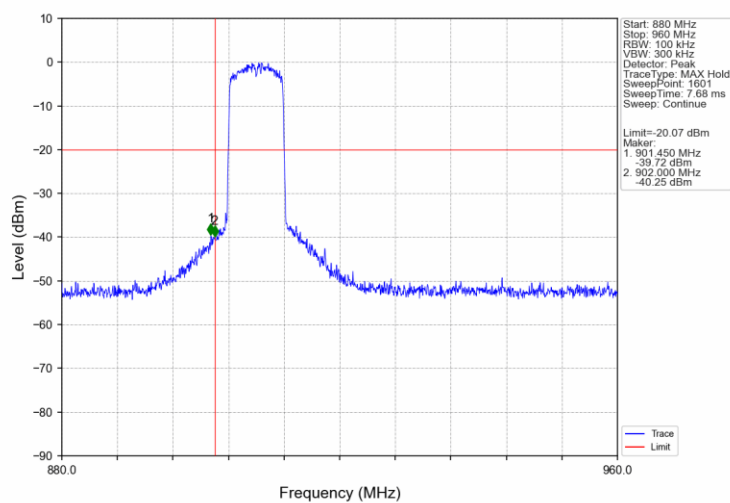
BW 4M _HCH_ 926MHz_Ant1_NTNV



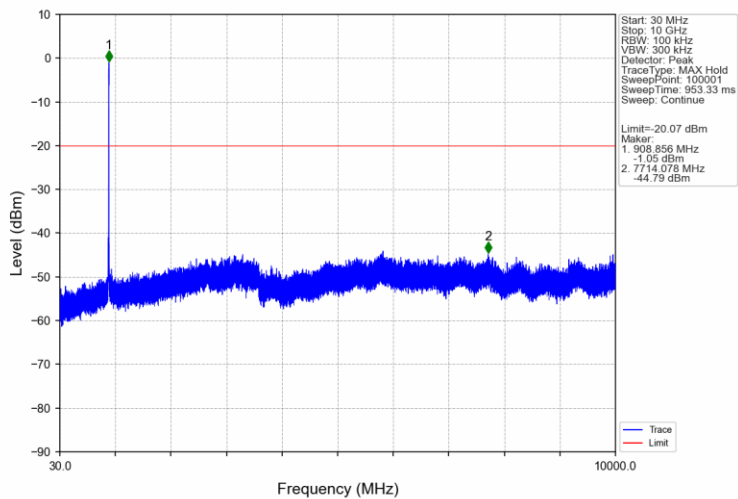
BW 4M_HCH_926MHz_Ant1_NTNV



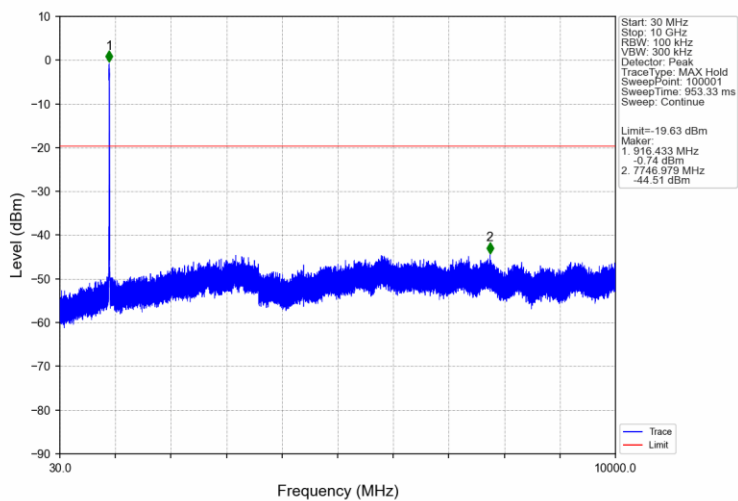
BW 8M_LCH_908MHz_Ant1_NTNV



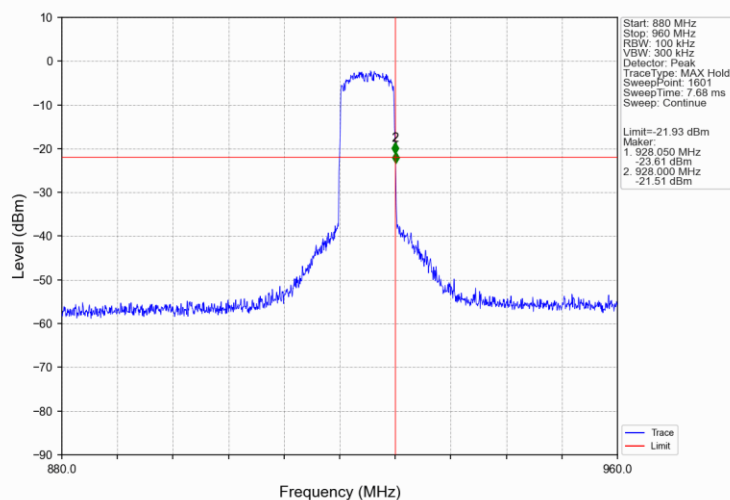
BW 8M_LCH_908MHz_Ant1_NTNV



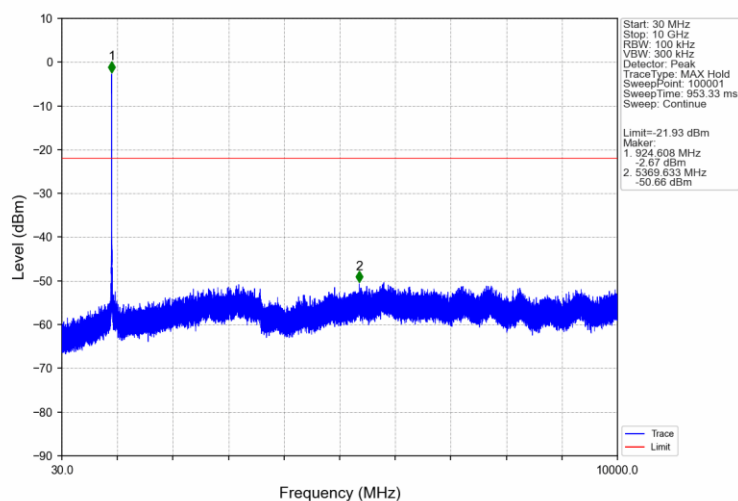
BW 8M_MCH_916MHz_Ant1_NTNV



BW 8M_HCH_924MHz_Ant1_NTNV



BW 8M_HCH_924MHz_Ant1_NTNV





5. Form731

5.1 Test Result

5.1.1 Form731

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
903.5	926.5	0.0671	18.27
905	925	0.0703	18.47
906	926	0.0879	19.44
908	924	0.1117	20.48

Mode	Lower Freq. (MHz)	High Freq. (MHz)	MAX Power (W)	MAX Power (dBm)	MIN Power (W)	MIN Power (dBm)	Emission Designator	MAX OBW (MHz)
BW 1M	903.5	926.5	0.0671	18.27	0.0556	17.45	925KXXX	0.925
BW 2M	905	925	0.0703	18.47	0.0671	18.27	1M88XXX	1.875
BW 4M	906	926	0.0879	19.44	0.0421	16.24	3M76XXX	3.764
BW 8M	908	924	0.1117	20.48	0.0582	17.65	7M60XXX	7.601