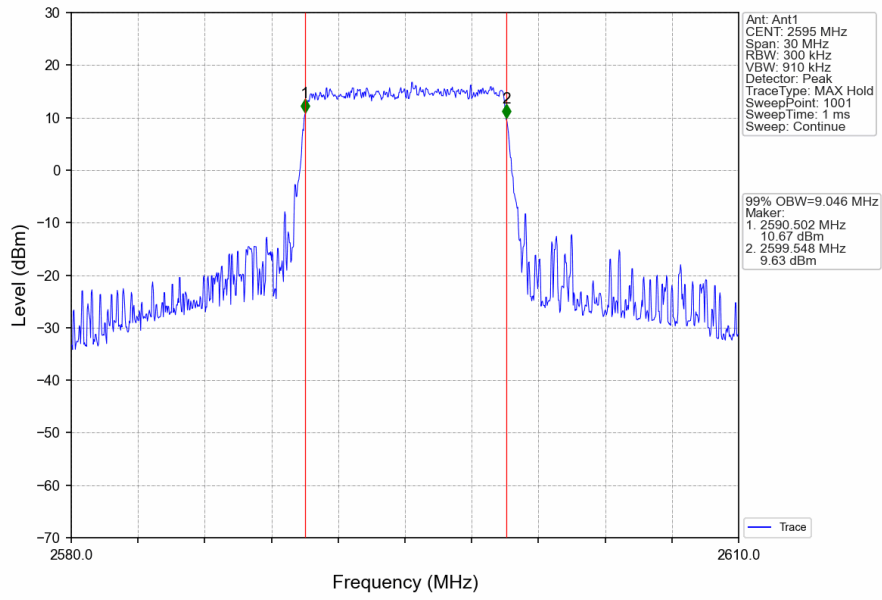
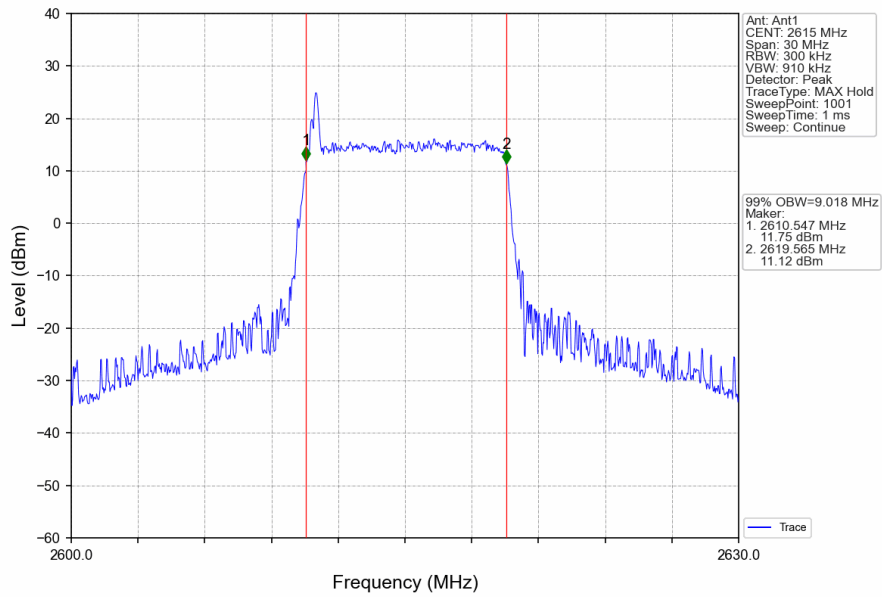


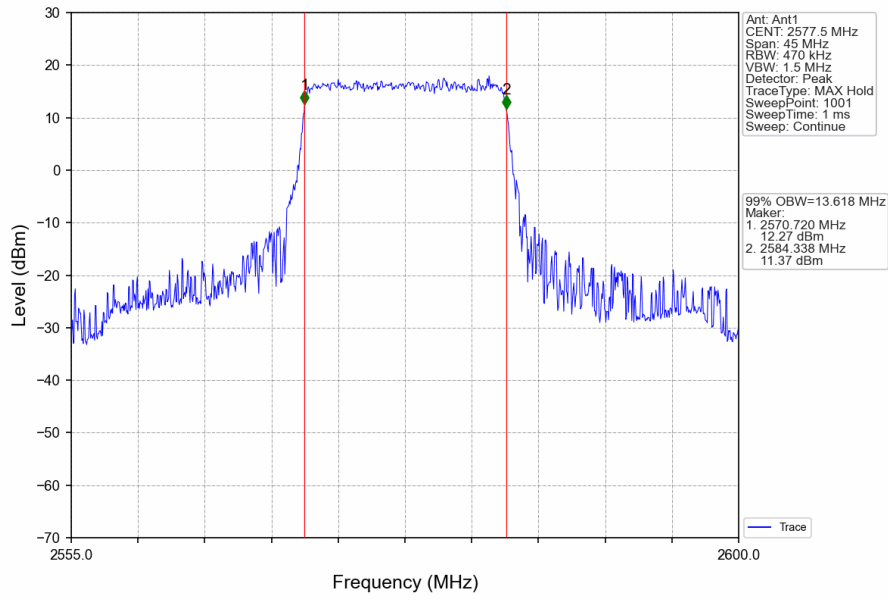
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



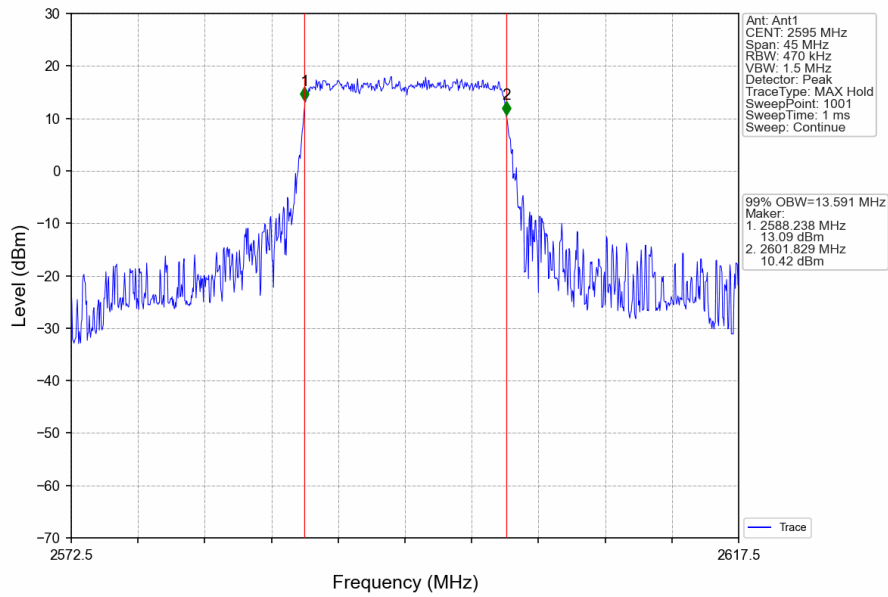
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



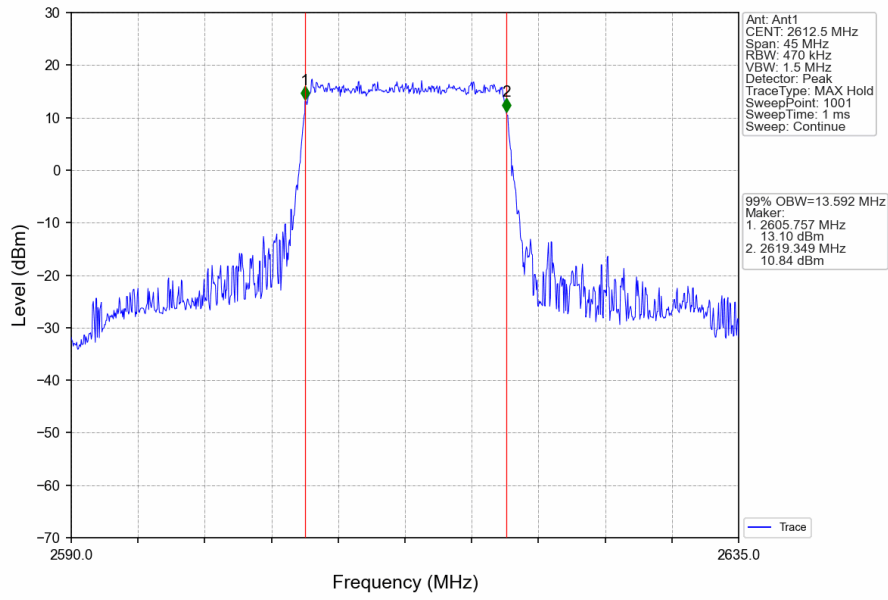
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



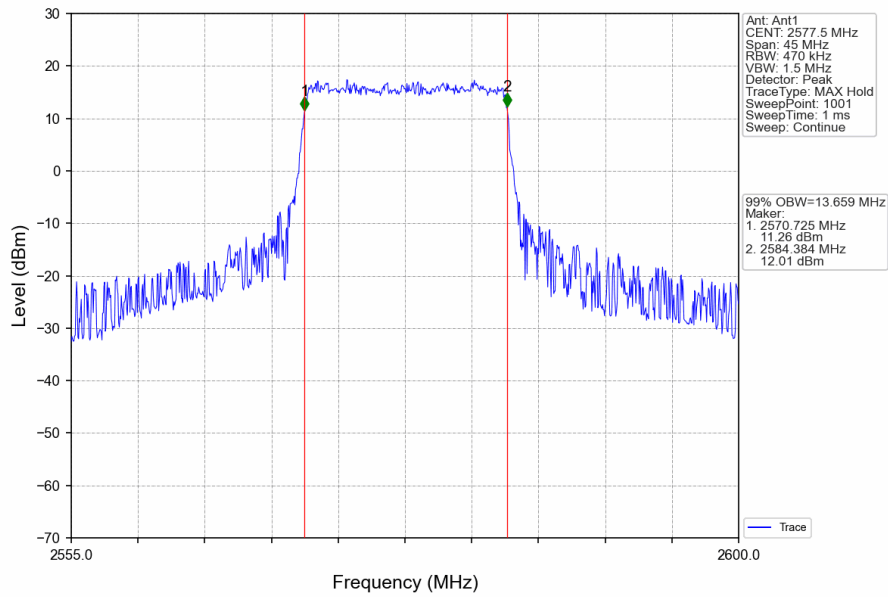
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



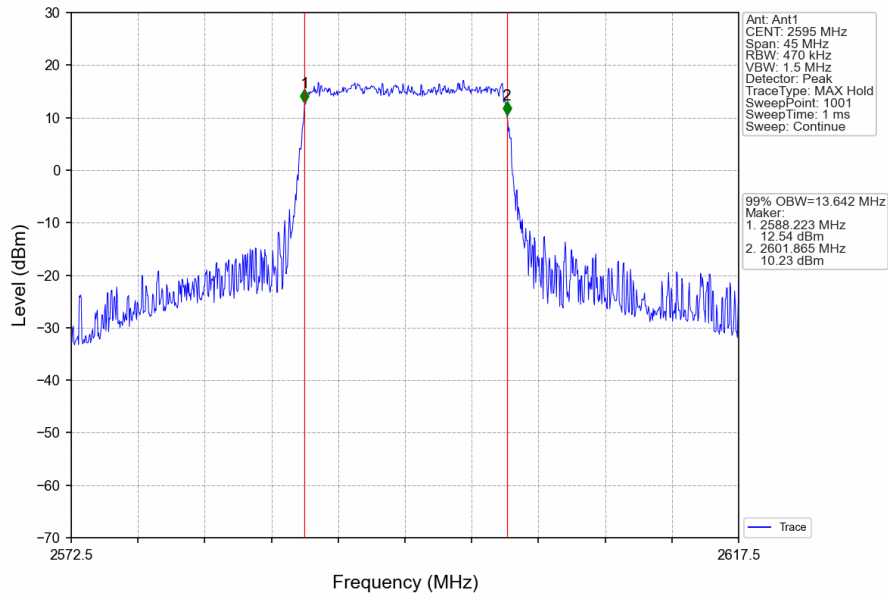
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



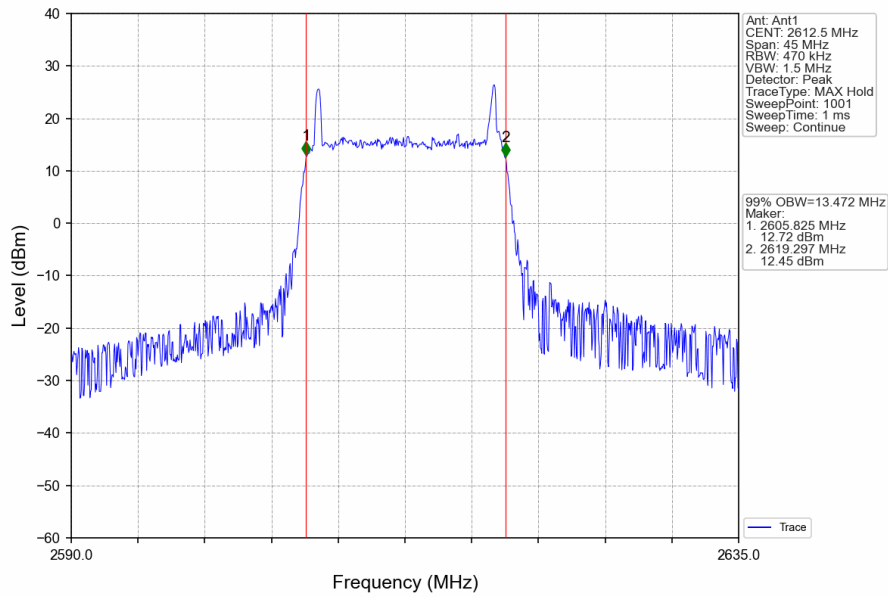
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



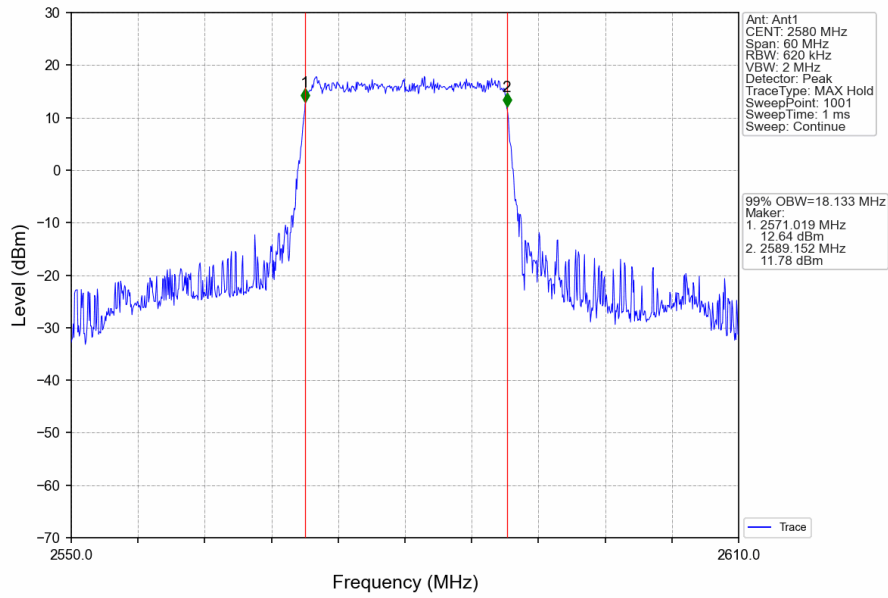
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



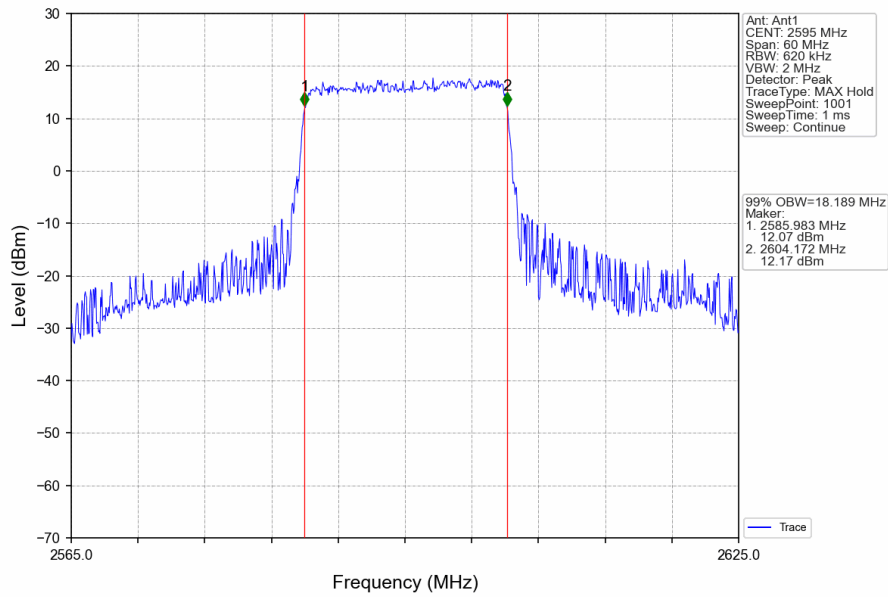
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



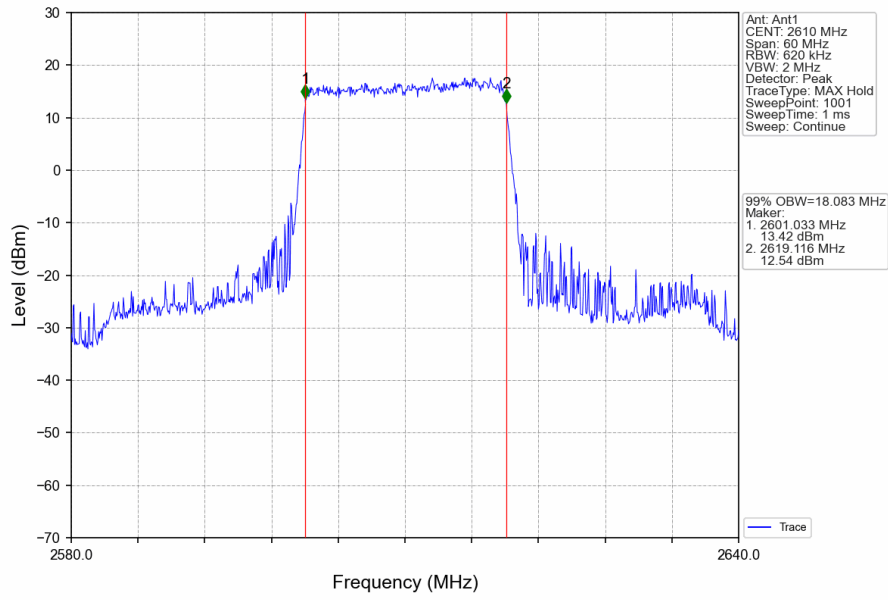
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



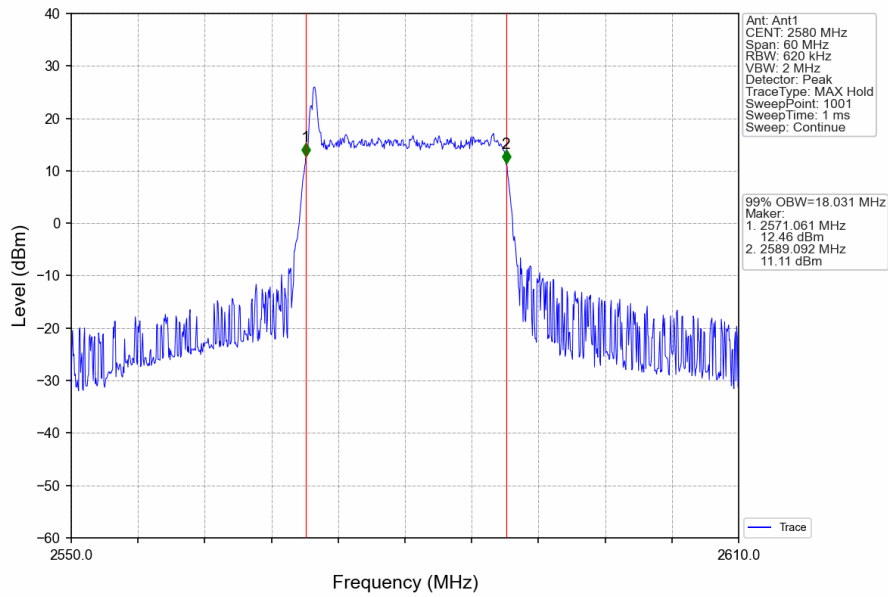
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



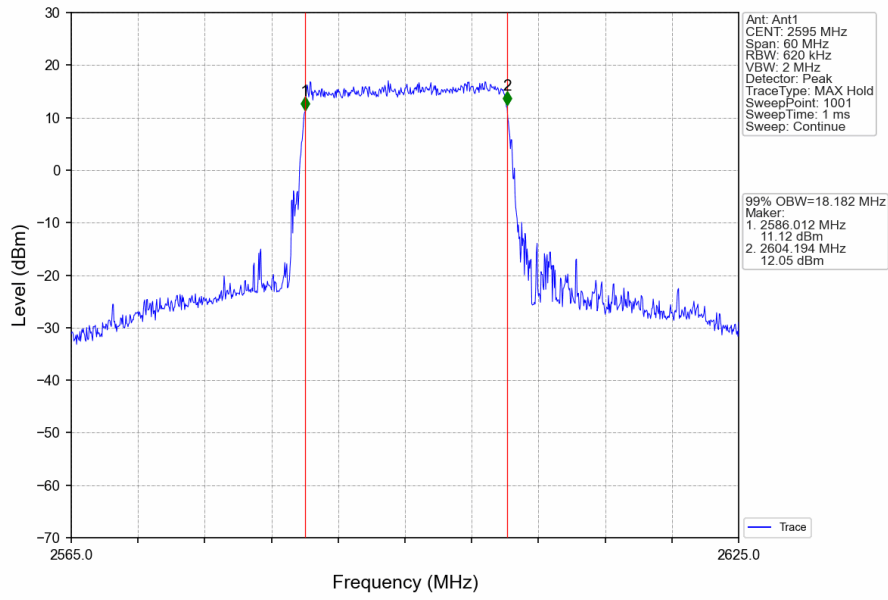
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



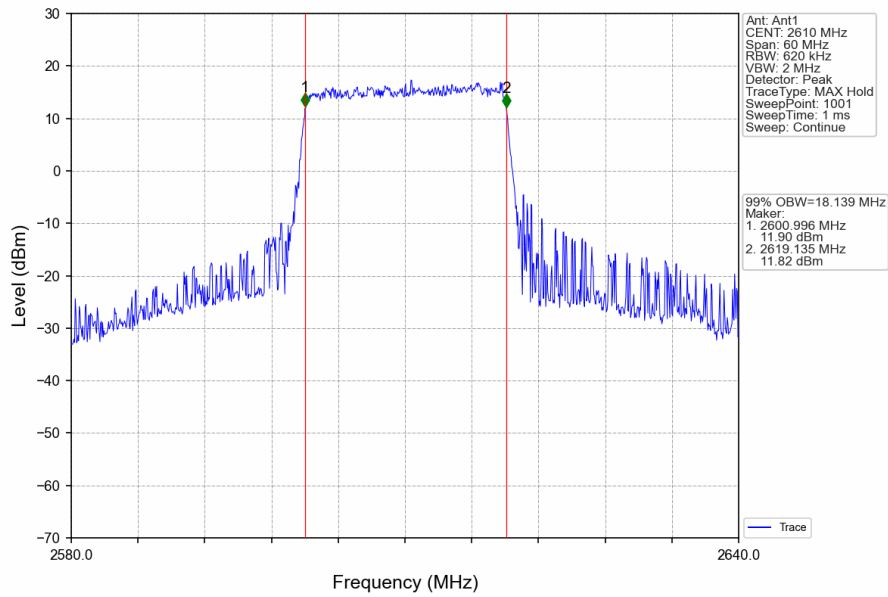
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV

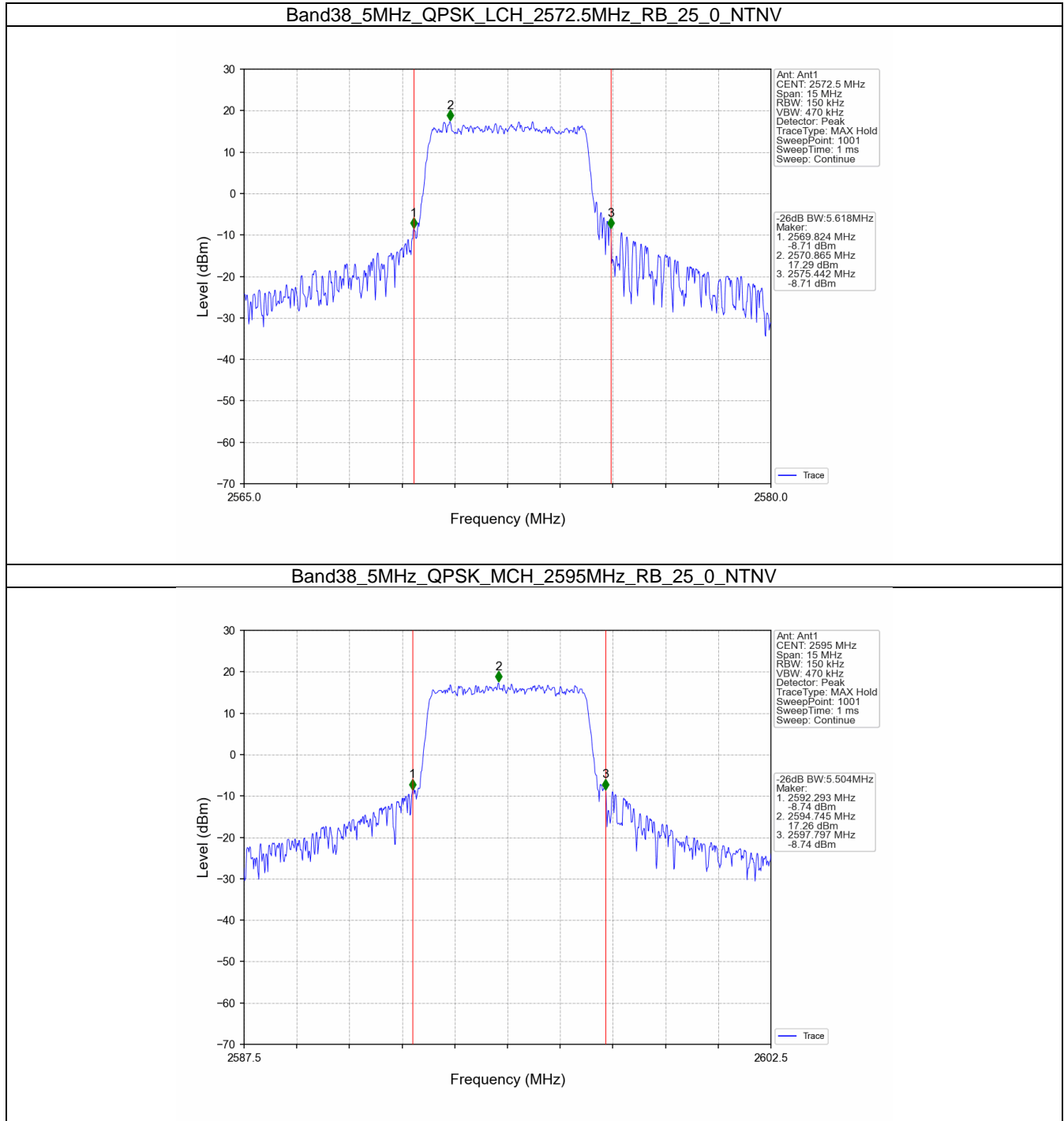


2.2 Band38_XDB

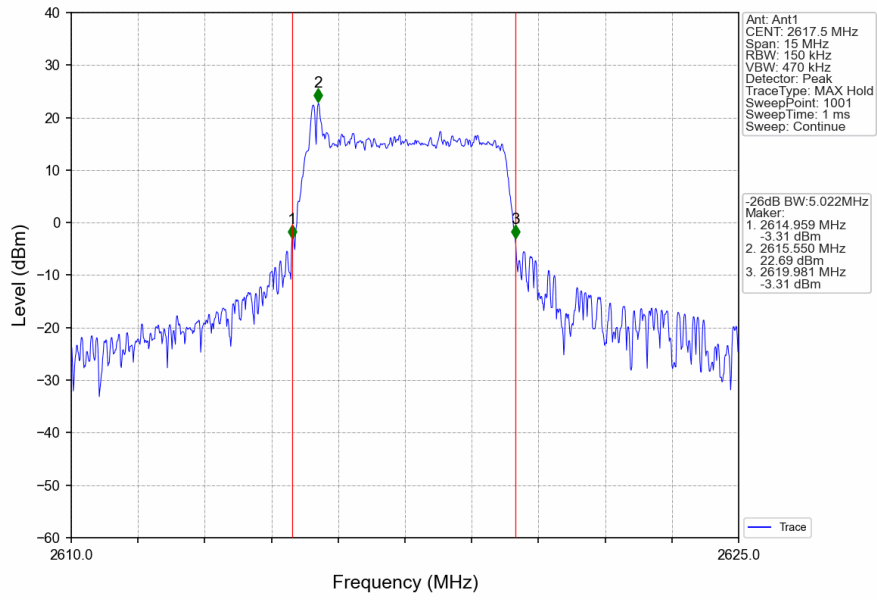
2.2.1 Test Result

Band: 38 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2572.5	25	0	5.618	Pass
		2595	25	0	5.504	Pass
		2617.5	25	0	5.022	Pass
	16QAM	2572.5	25	0	5.061	Pass
		2595	25	0	5.805	Pass
		2617.5	25	0	5.855	Pass
10	QPSK	2575	50	0	9.660	Pass
		2595	50	0	11.218	Pass
		2615	50	0	10.436	Pass
	16QAM	2575	50	0	10.339	Pass
		2595	50	0	10.860	Pass
		2615	50	0	9.672	Pass
15	QPSK	2577.5	75	0	15.700	Pass
		2595	75	0	16.636	Pass
		2612.5	75	0	15.424	Pass
	16QAM	2577.5	75	0	16.616	Pass
		2595	75	0	15.554	Pass
		2612.5	75	0	14.480	Pass
20	QPSK	2580	100	0	20.114	Pass
		2595	100	0	20.760	Pass
		2610	100	0	20.393	Pass
	16QAM	2580	100	0	19.196	Pass
		2595	100	0	20.299	Pass
		2610	100	0	21.469	Pass

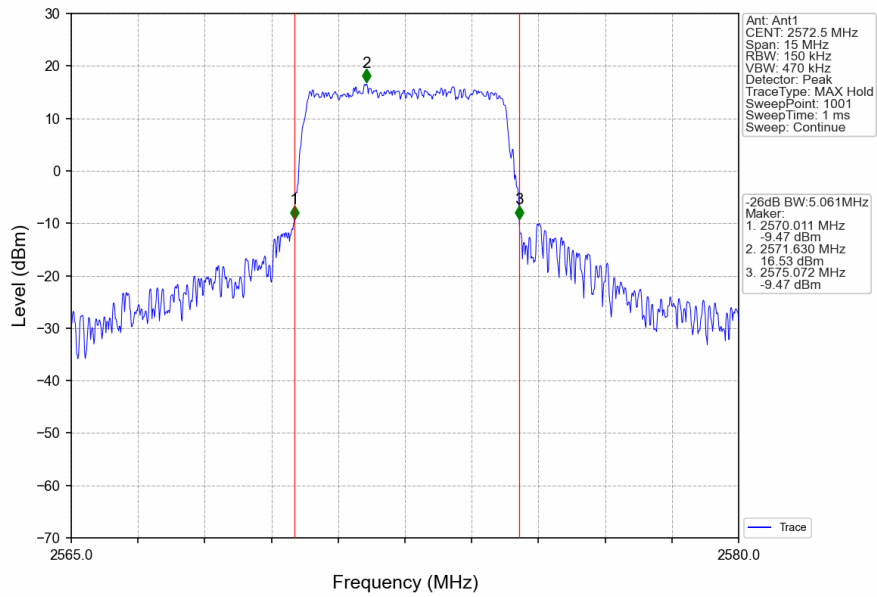
2.2.2 Test Graph



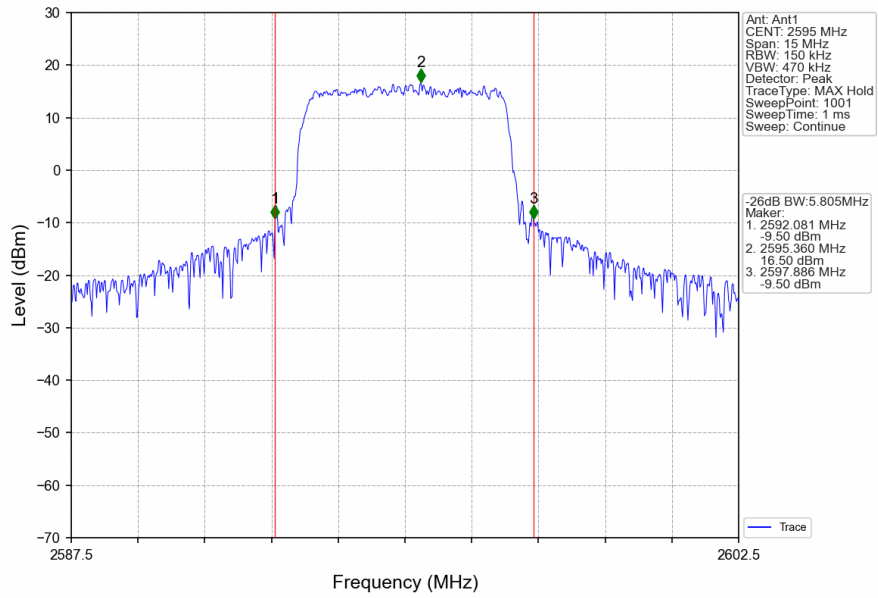
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



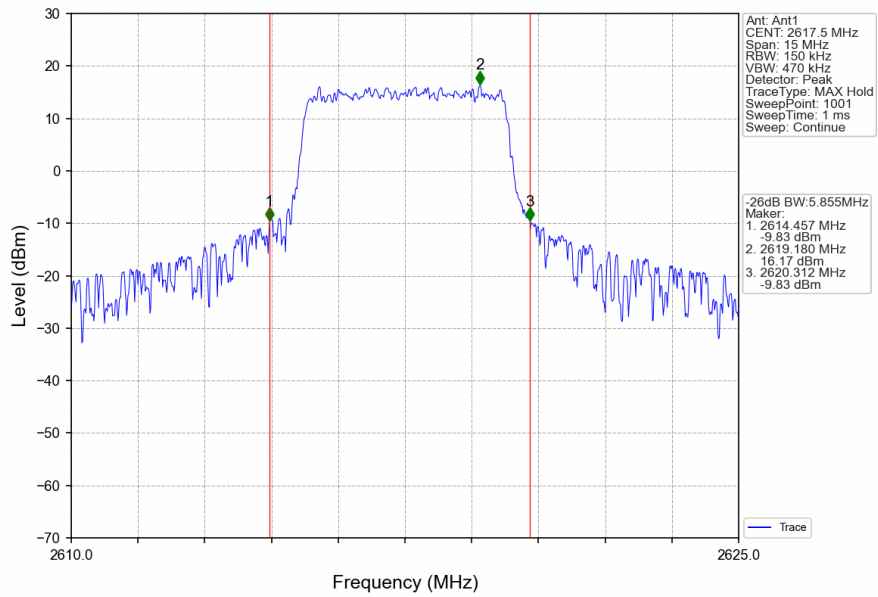
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



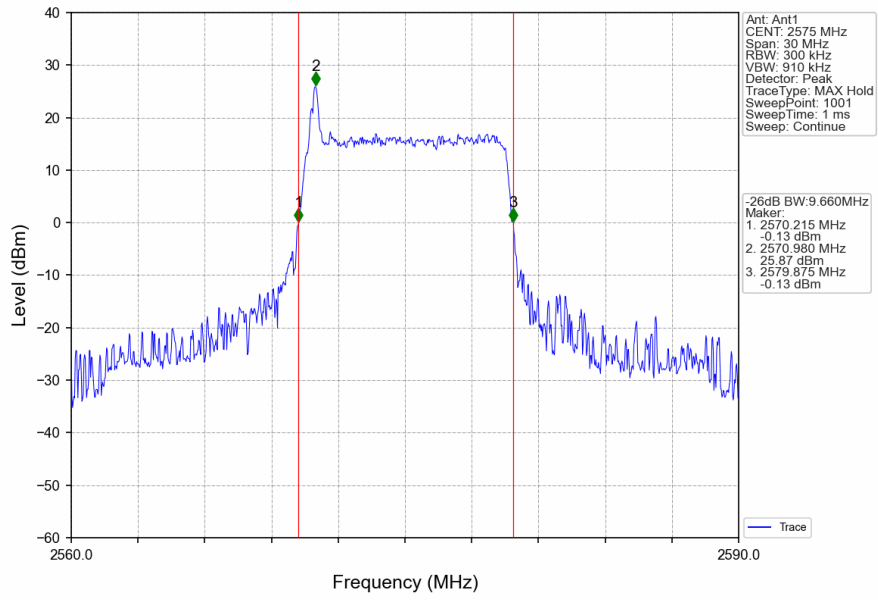
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



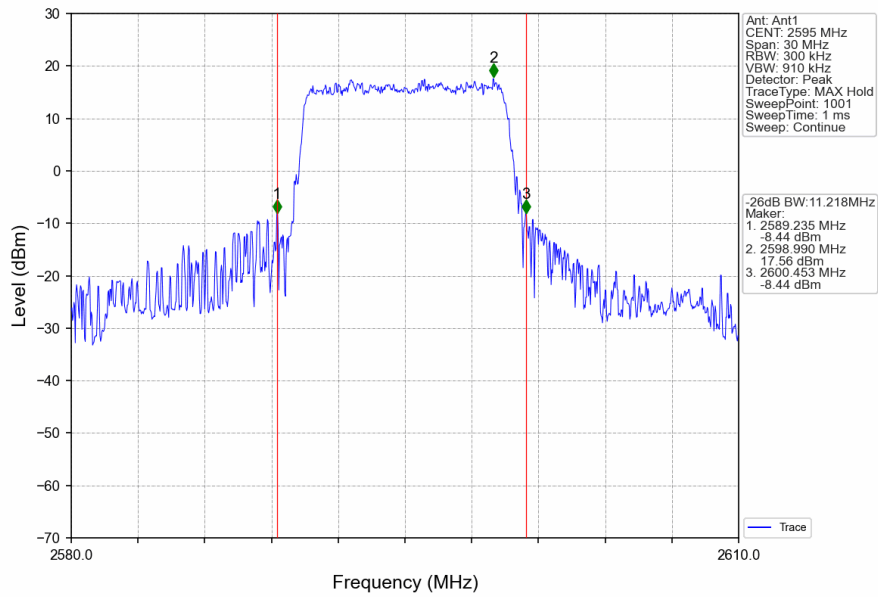
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



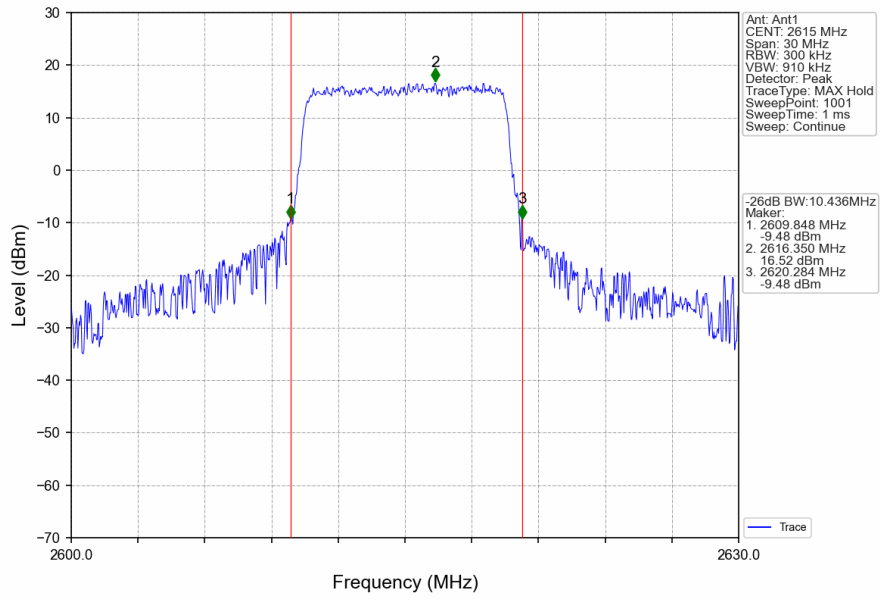
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



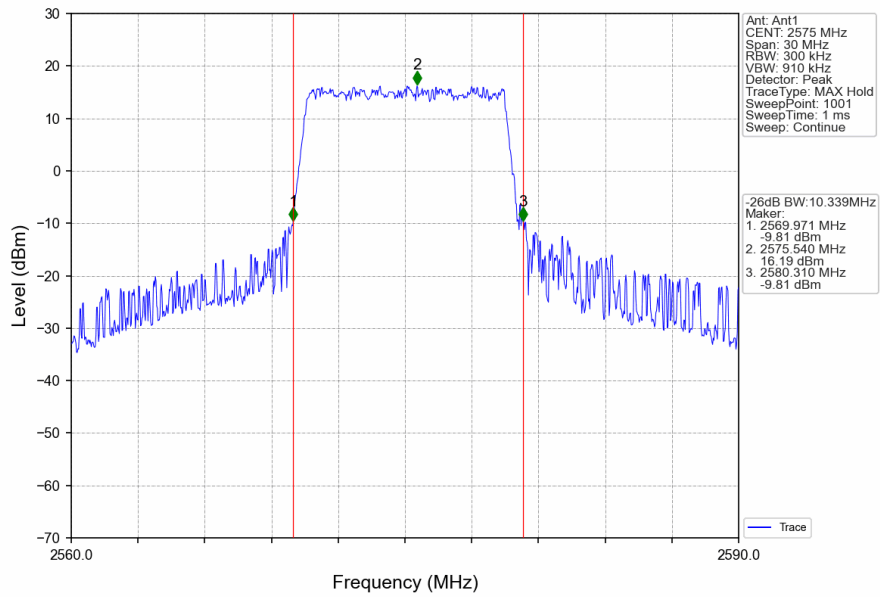
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



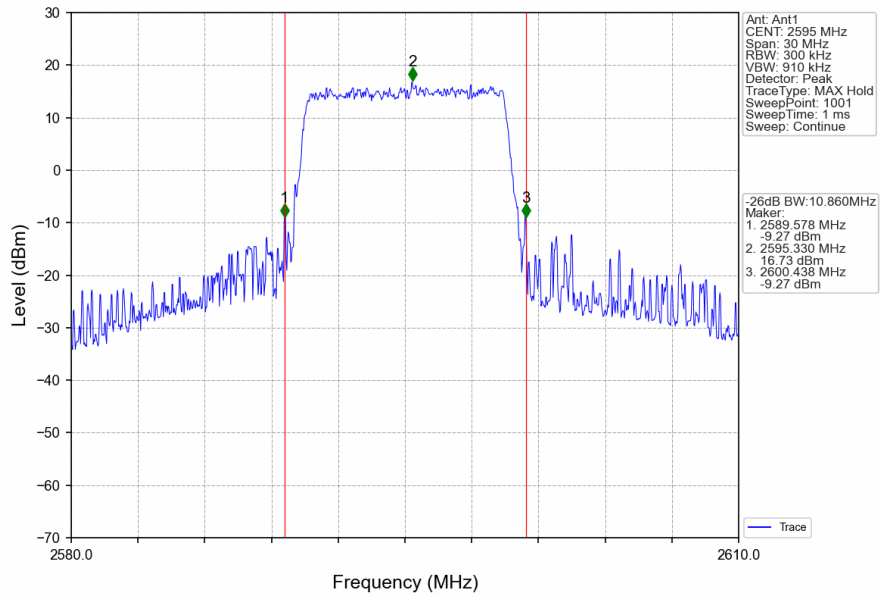
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



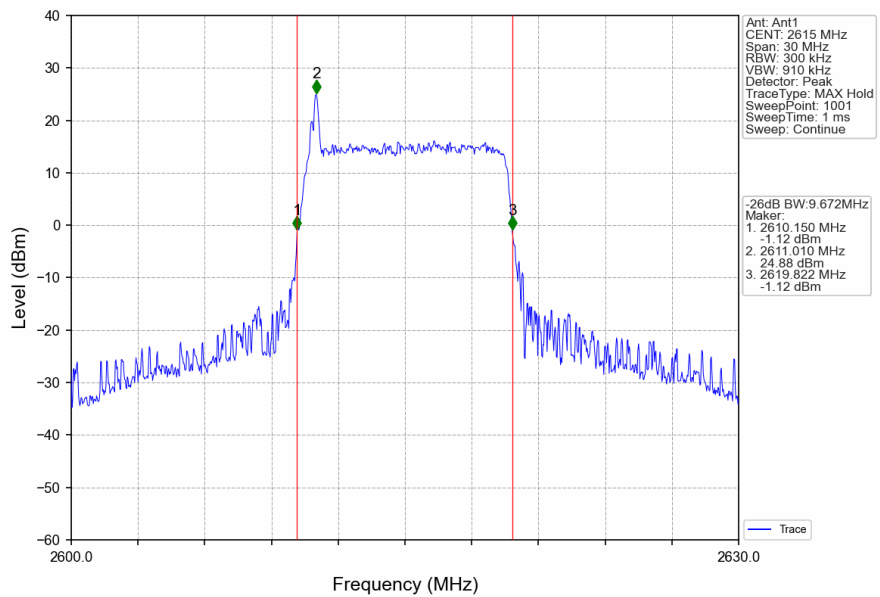
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



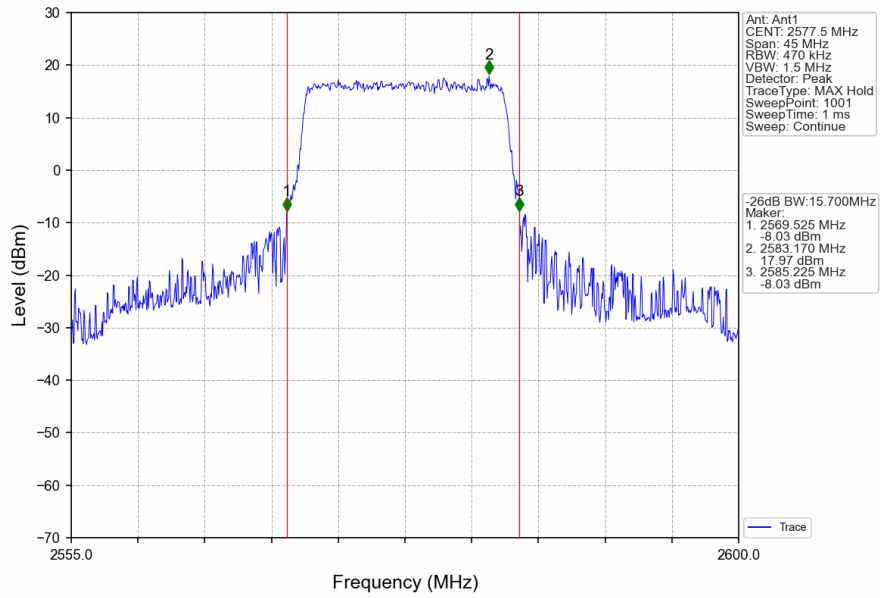
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



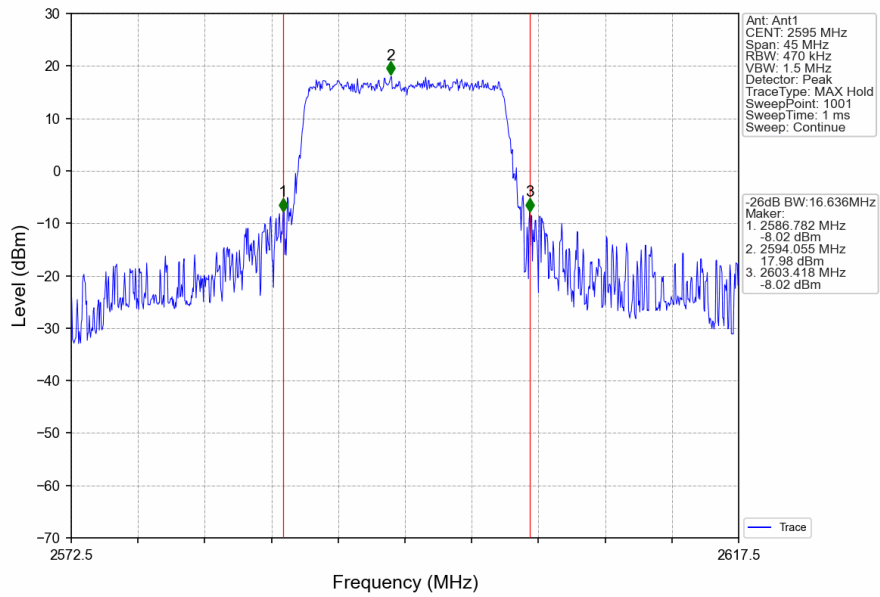
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



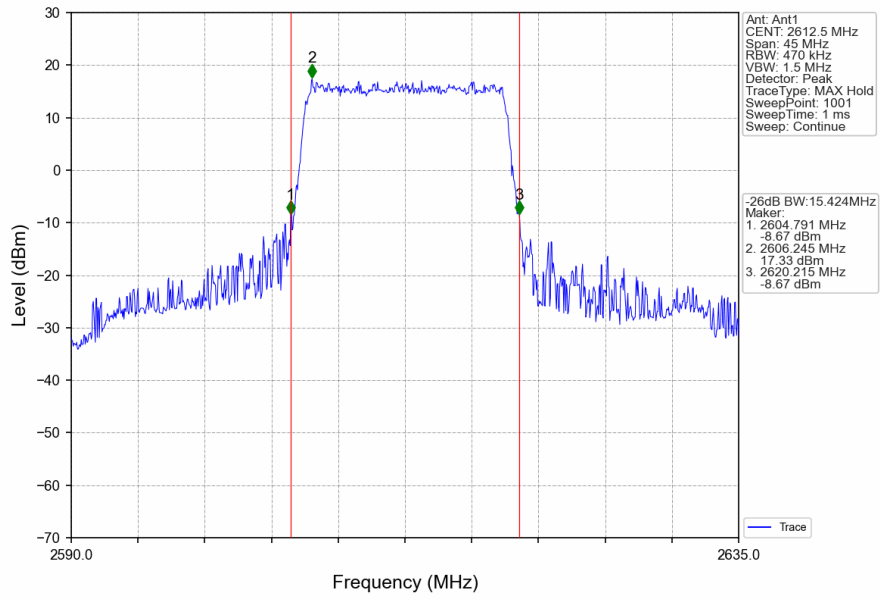
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



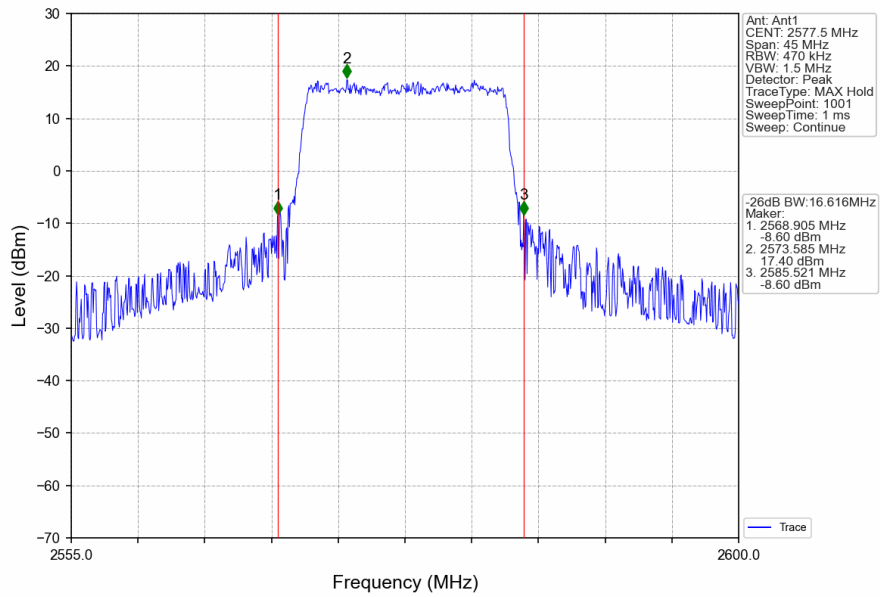
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



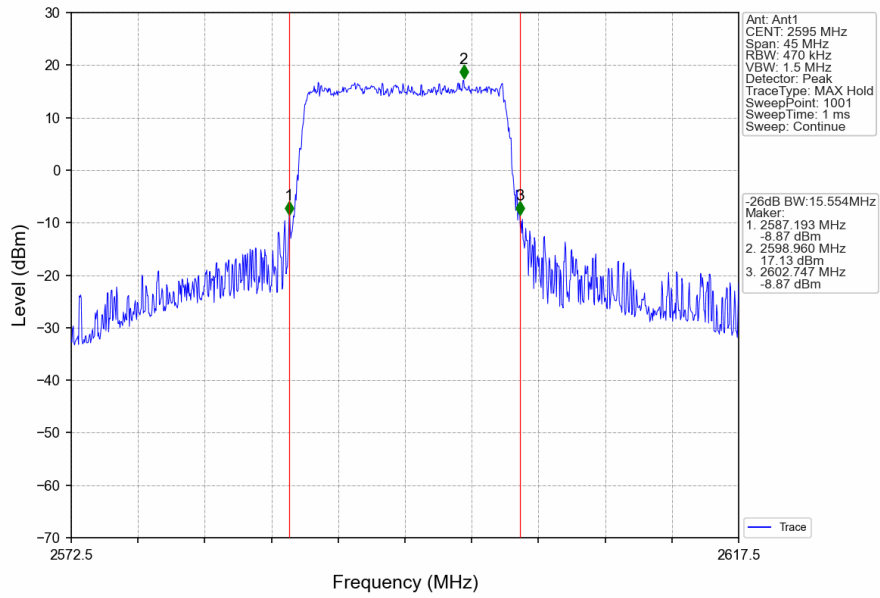
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



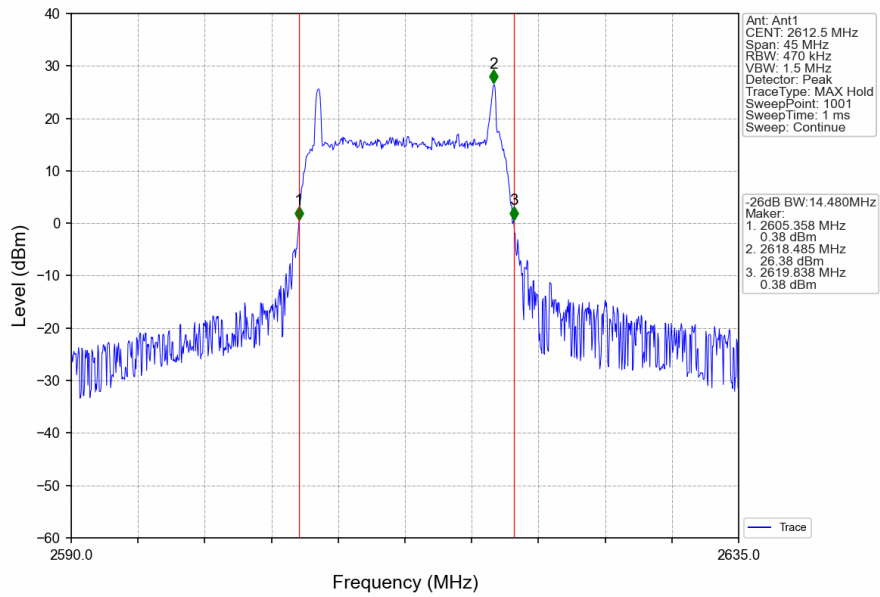
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



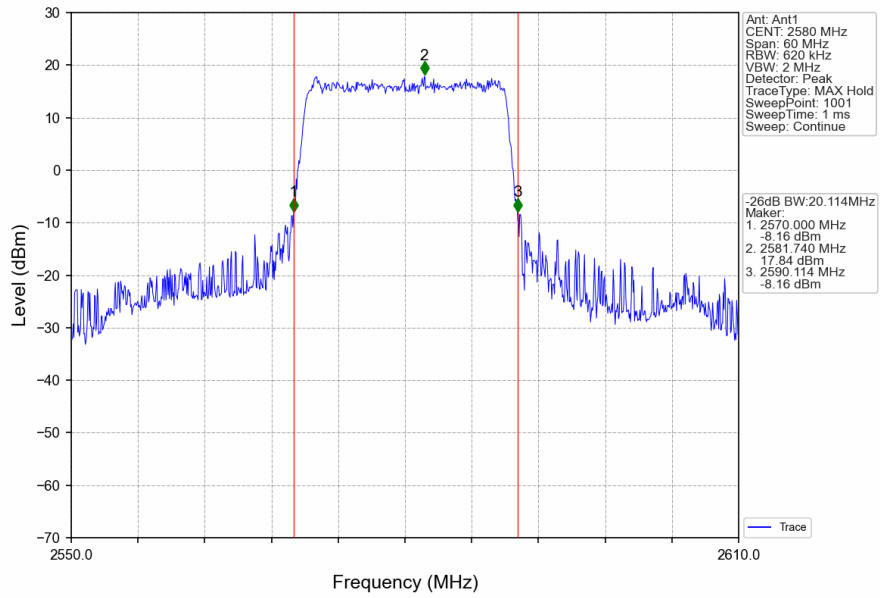
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



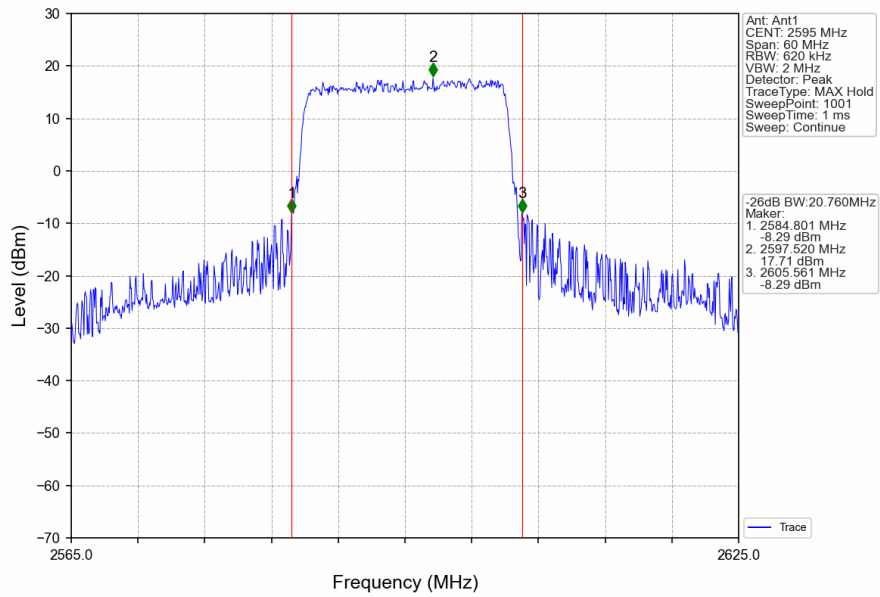
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



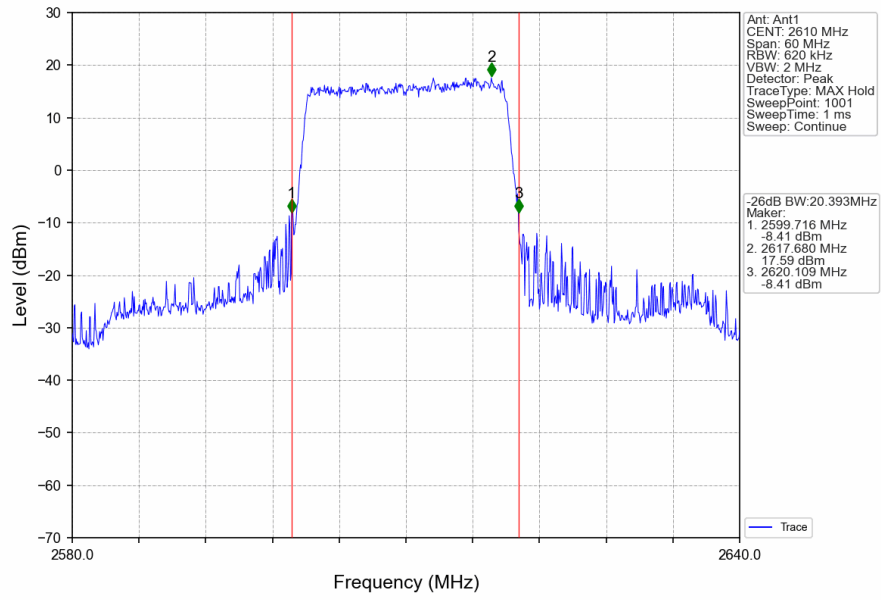
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



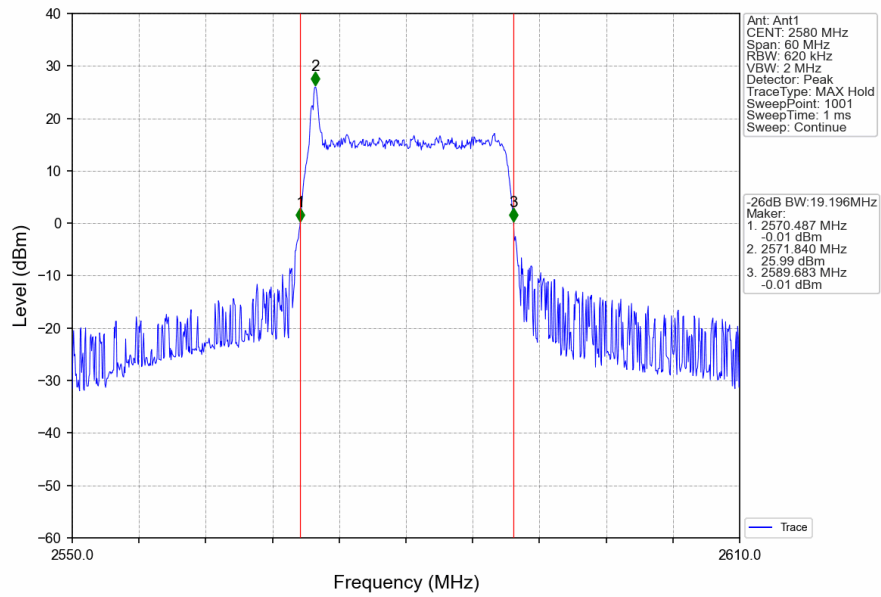
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



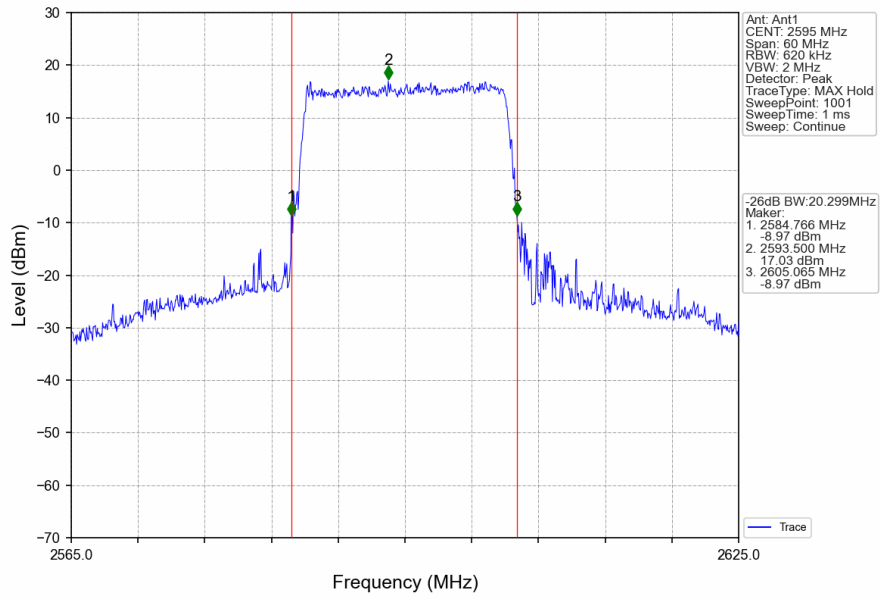
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



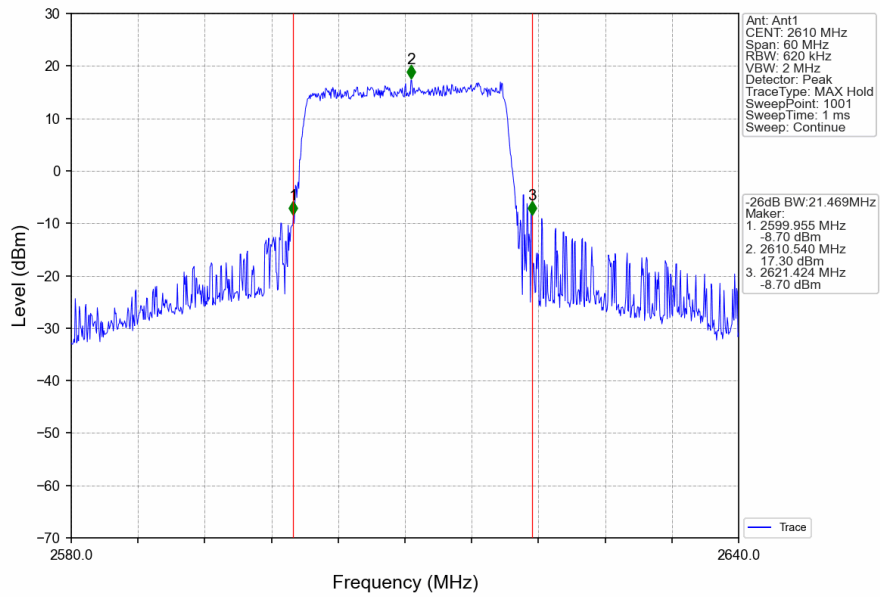
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



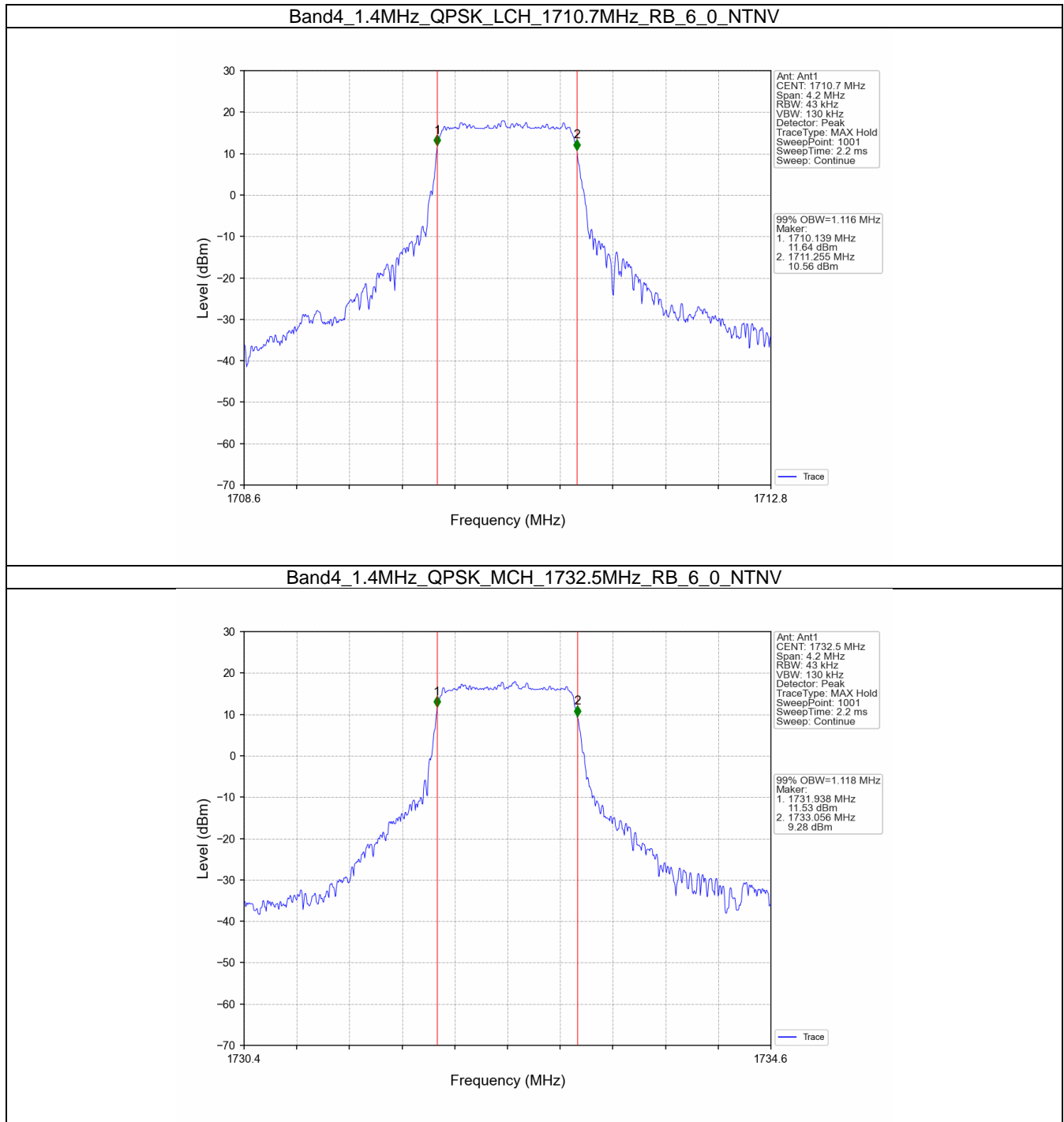
3. 99% & 26dB Bandwidth

3.1 Band4_OBW

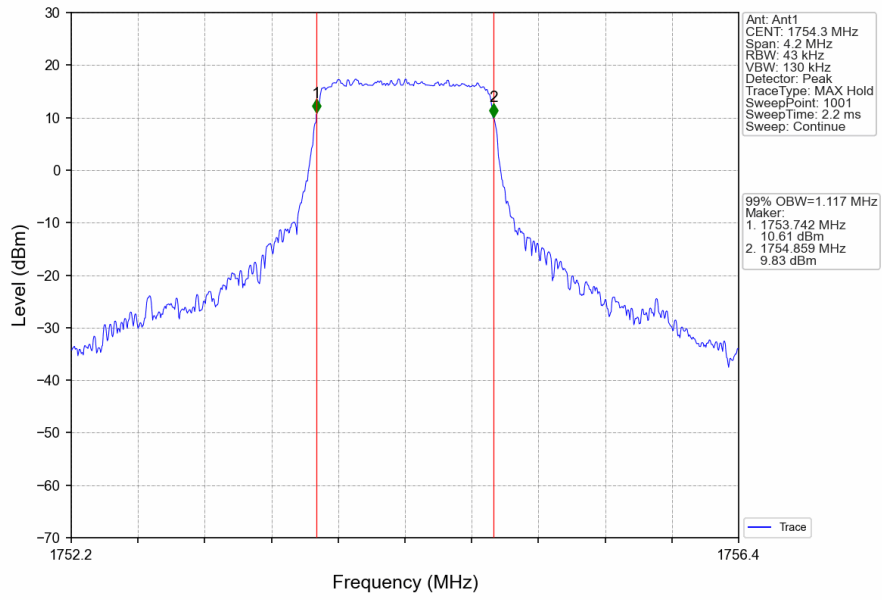
3.1.1 Test Result

Band: 4 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.116	Pass
		1732.5	6	0	1.118	Pass
		1754.3	6	0	1.117	Pass
	16QAM	1710.7	6	0	1.114	Pass
		1732.5	6	0	1.119	Pass
		1754.3	6	0	1.109	Pass
3	QPSK	1711.5	15	0	2.753	Pass
		1732.5	15	0	2.765	Pass
		1753.5	15	0	2.757	Pass
	16QAM	1711.5	15	0	2.756	Pass
		1732.5	15	0	2.771	Pass
		1753.5	15	0	2.768	Pass
5	QPSK	1712.5	25	0	4.579	Pass
		1732.5	25	0	4.570	Pass
		1752.5	25	0	4.559	Pass
	16QAM	1712.5	25	0	4.563	Pass
		1732.5	25	0	4.594	Pass
		1752.5	25	0	4.609	Pass
10	QPSK	1715	50	0	9.076	Pass
		1732.5	50	0	9.068	Pass
		1750	50	0	9.077	Pass
	16QAM	1715	50	0	9.048	Pass
		1732.5	50	0	9.089	Pass
		1750	50	0	9.073	Pass
15	QPSK	1717.5	75	0	13.578	Pass
		1732.5	75	0	13.642	Pass
		1747.5	75	0	13.566	Pass
	16QAM	1717.5	75	0	13.595	Pass
		1732.5	75	0	13.656	Pass
		1747.5	75	0	13.555	Pass
20	QPSK	1720	100	0	18.120	Pass
		1732.5	100	0	18.239	Pass
		1745	100	0	18.105	Pass
	16QAM	1720	100	0	18.135	Pass
		1732.5	100	0	18.207	Pass
		1745	100	0	18.057	Pass

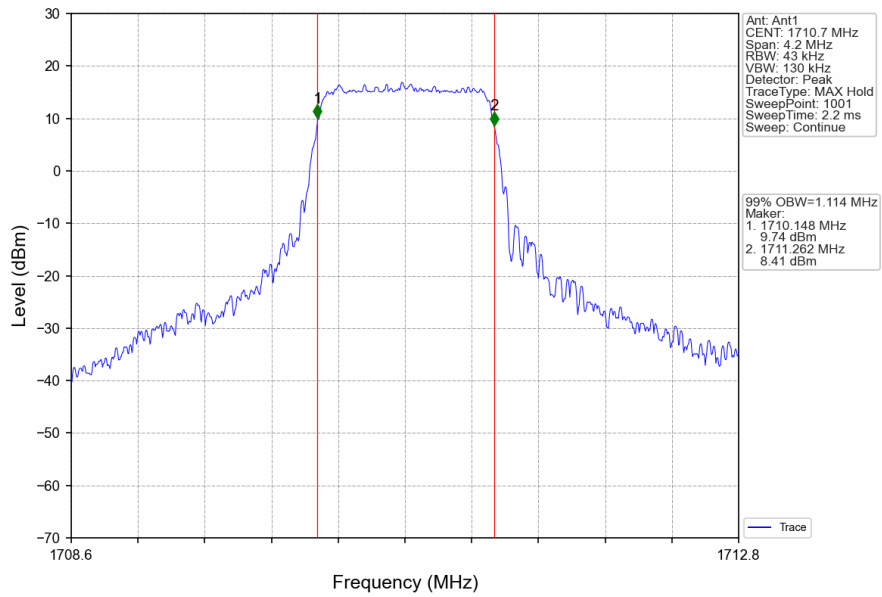
3.1.2 Test Graph



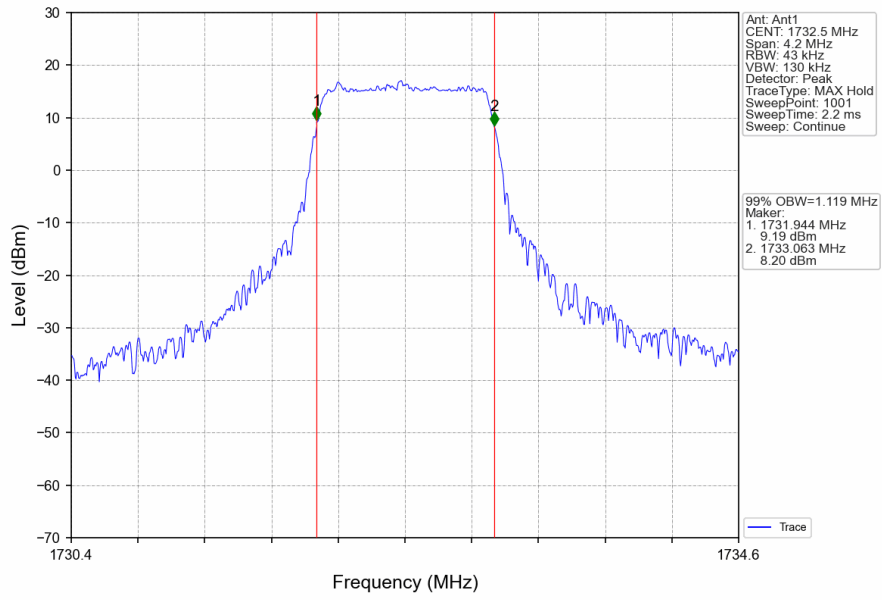
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



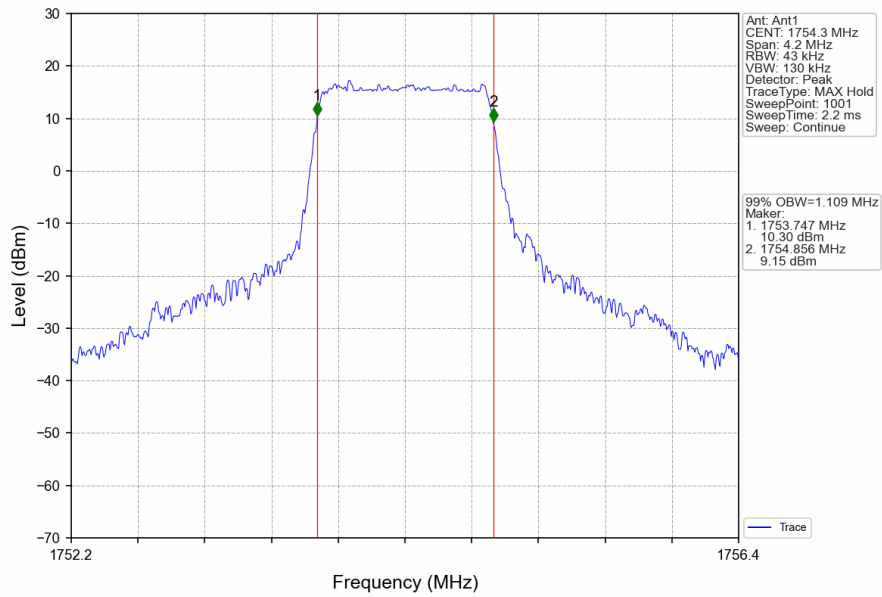
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



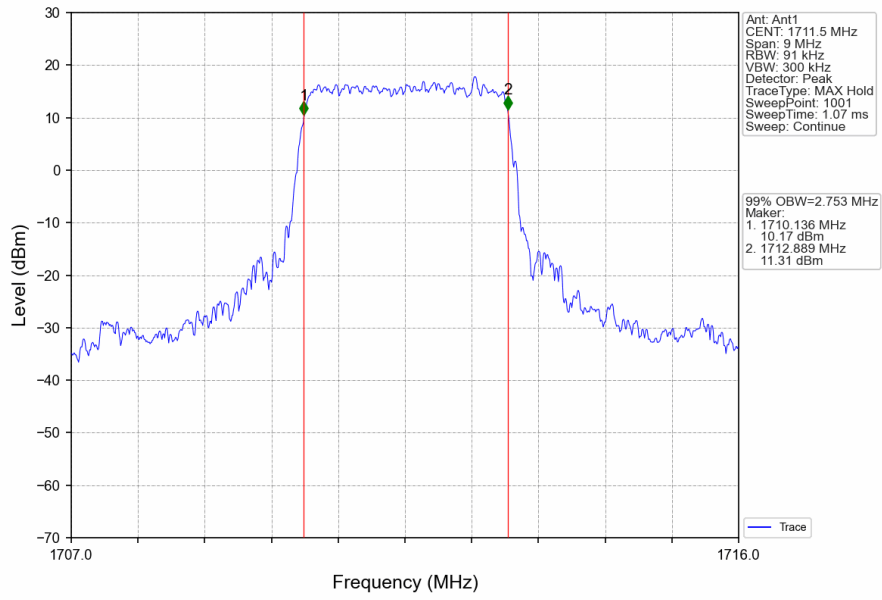
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



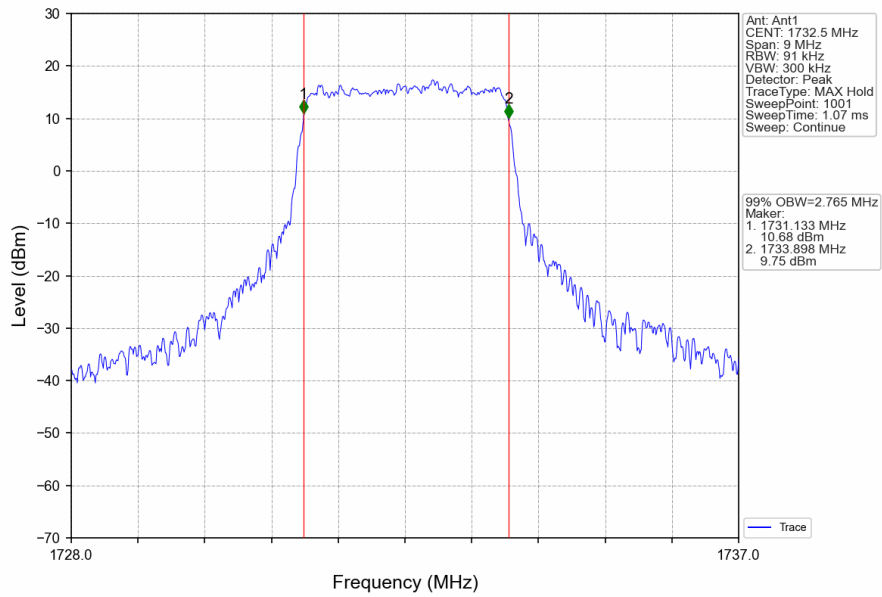
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



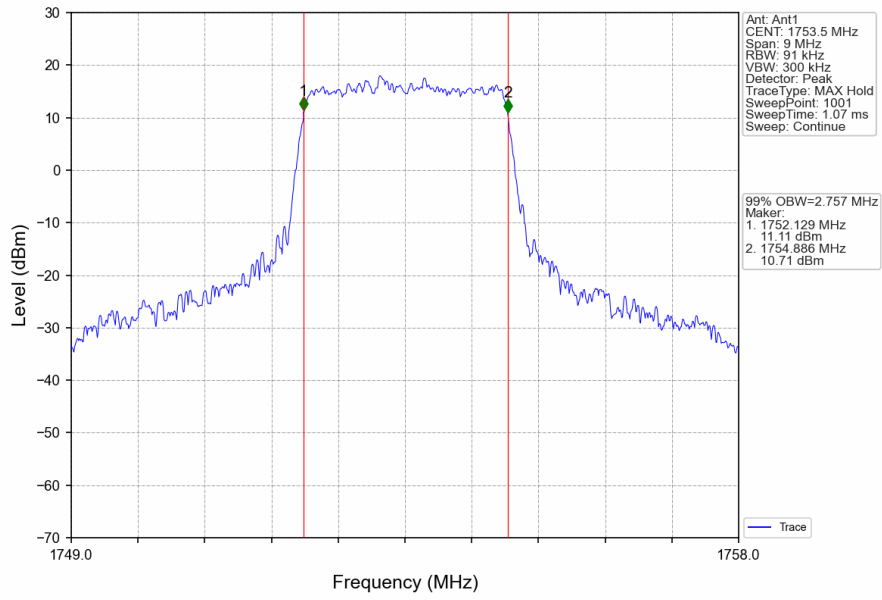
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



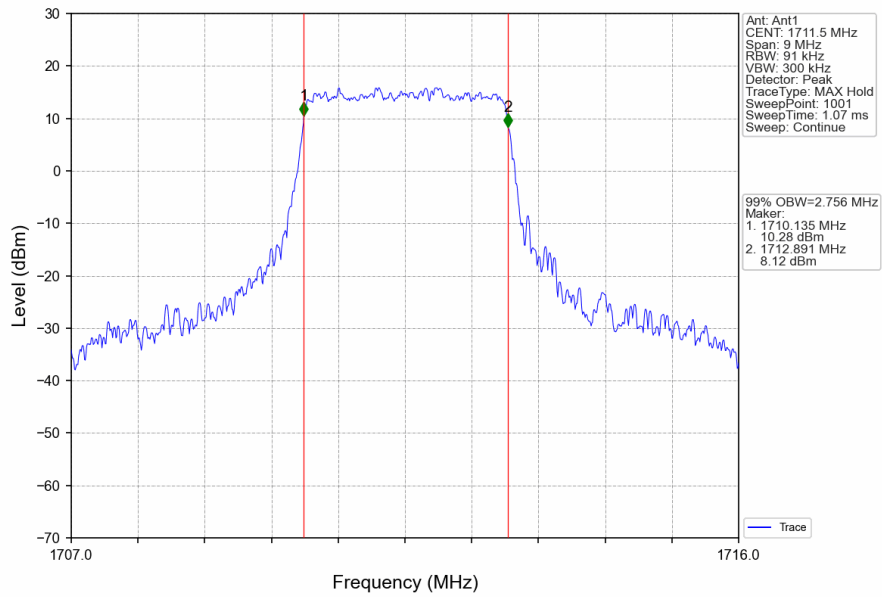
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



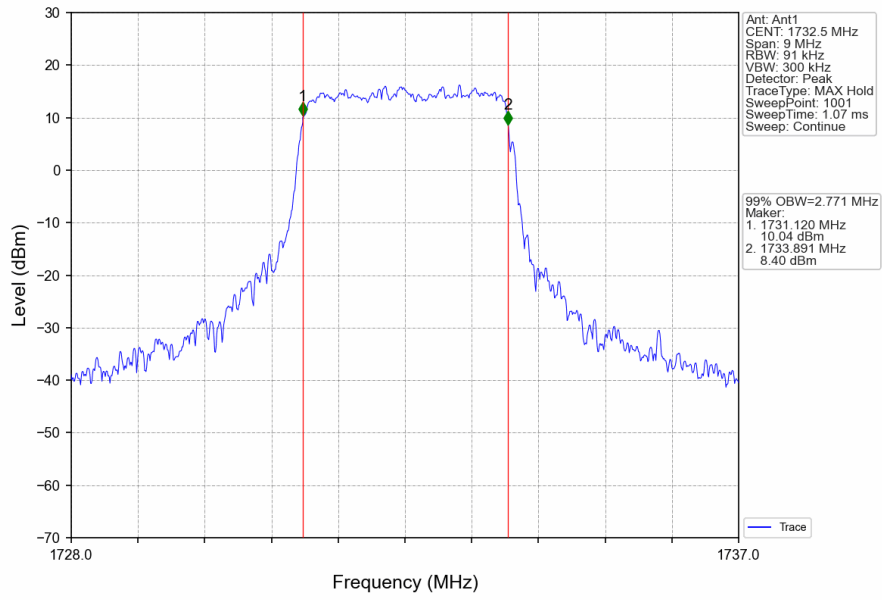
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



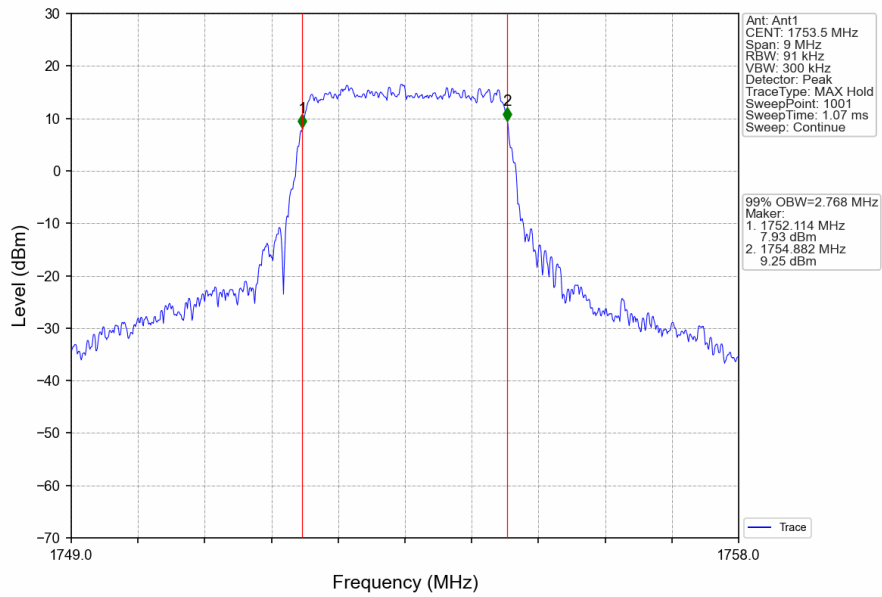
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



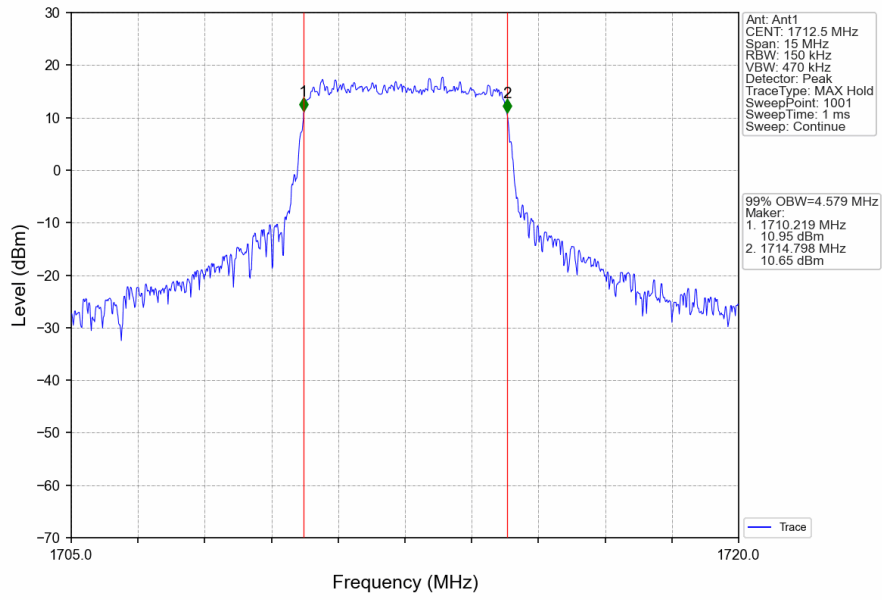
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



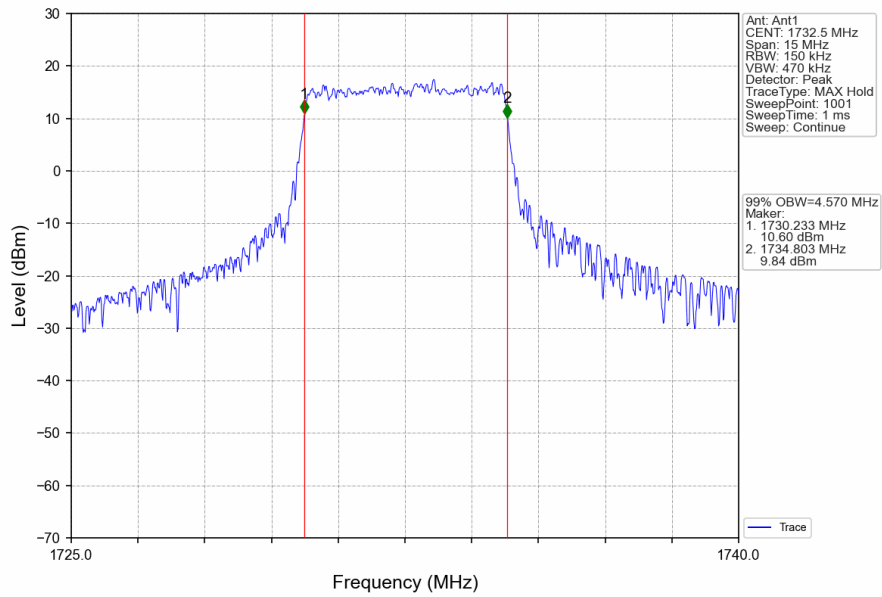
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



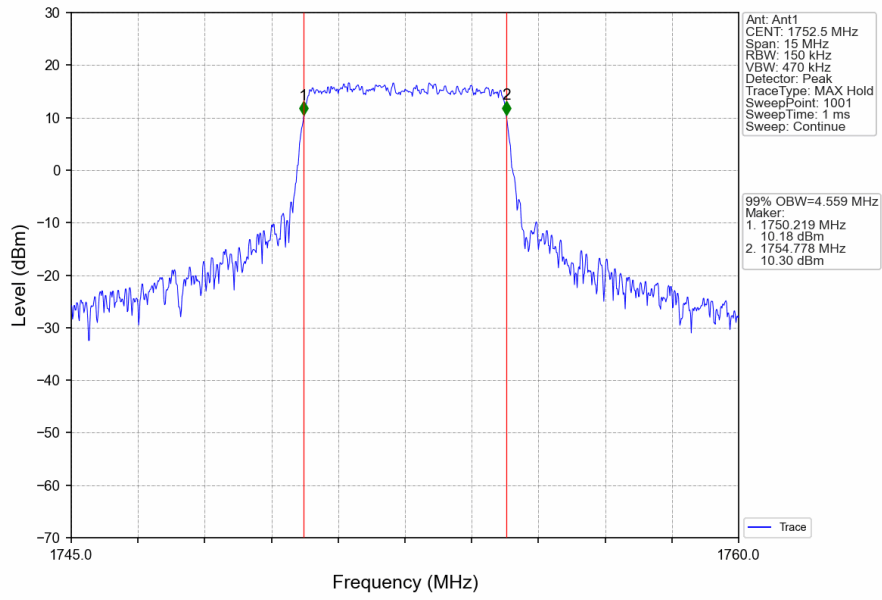
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



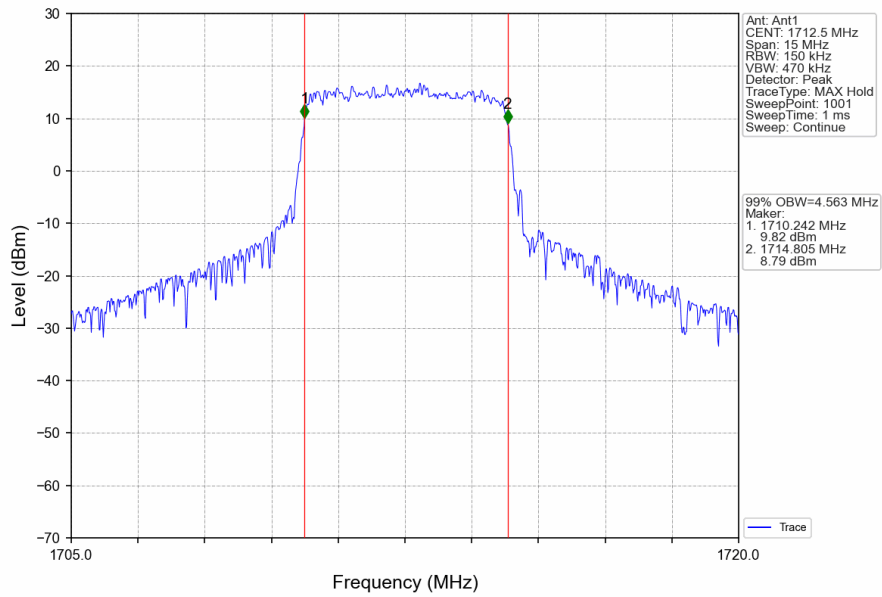
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



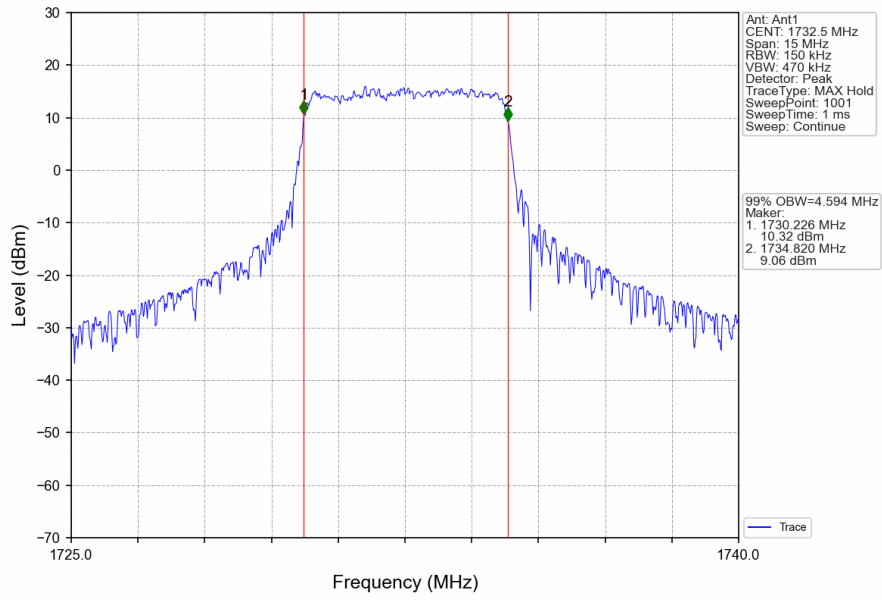
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



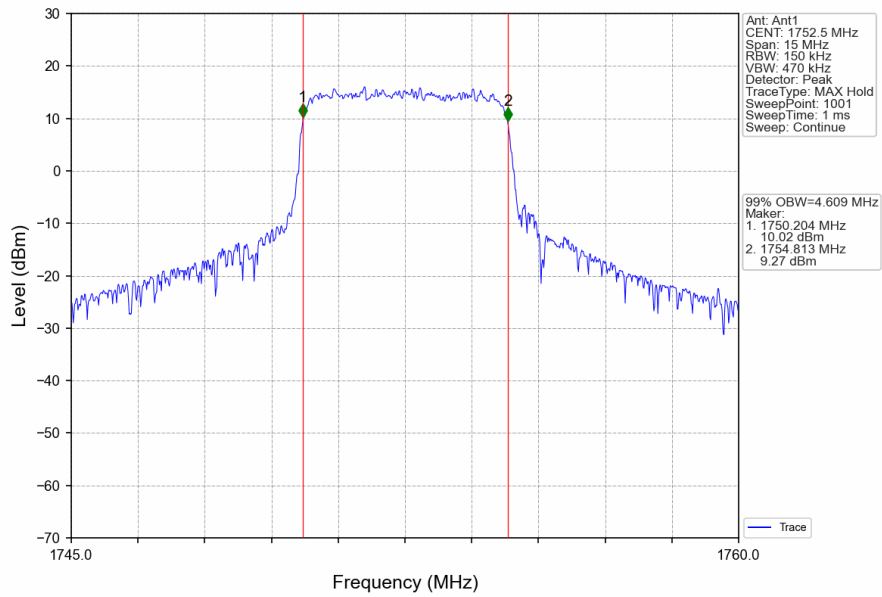
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



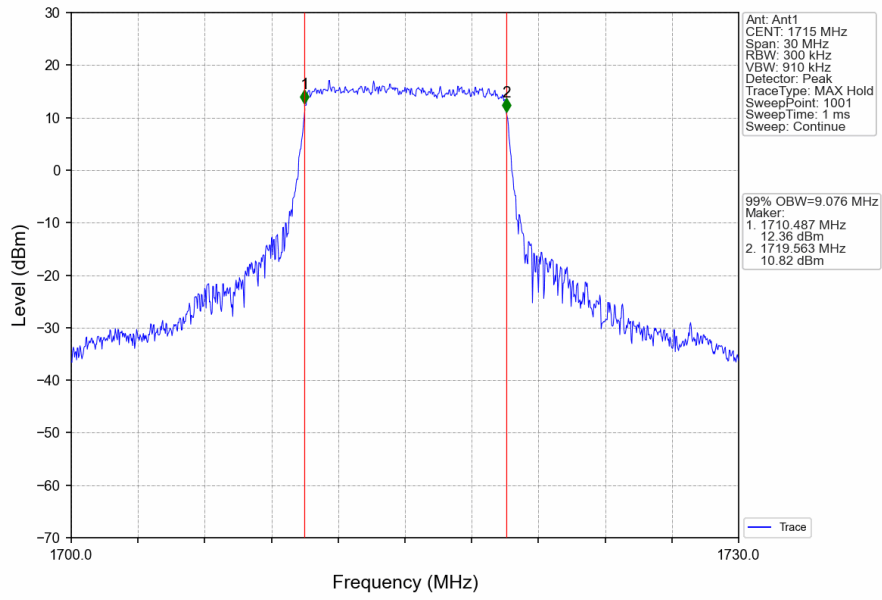
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



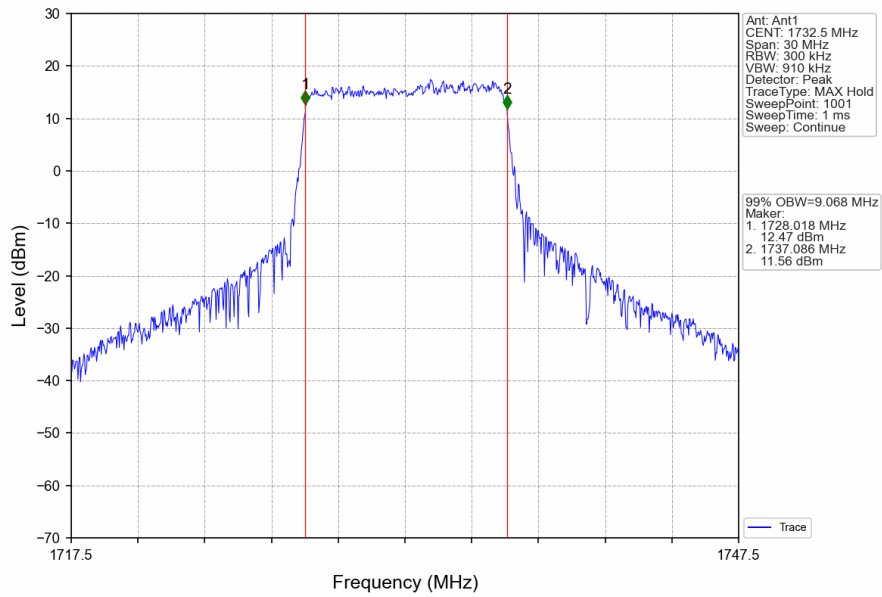
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



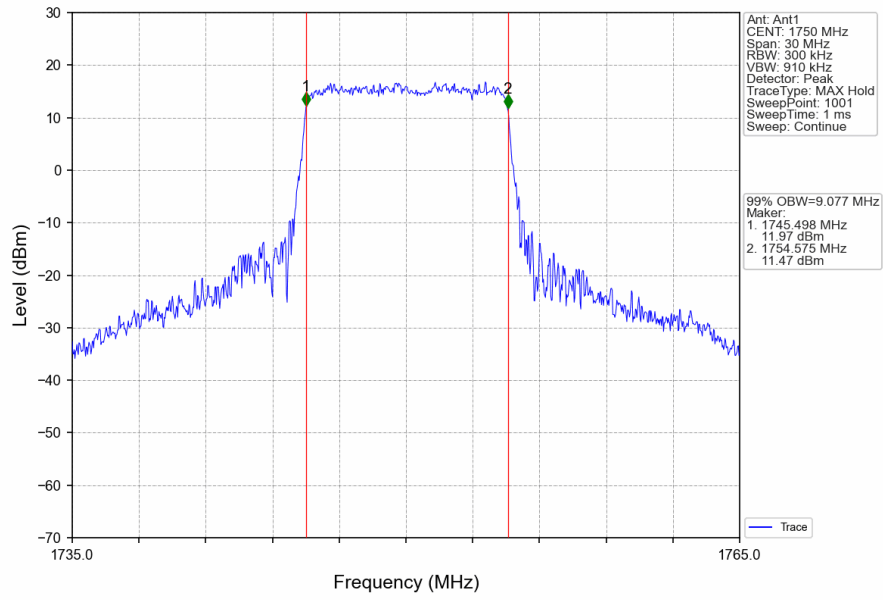
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



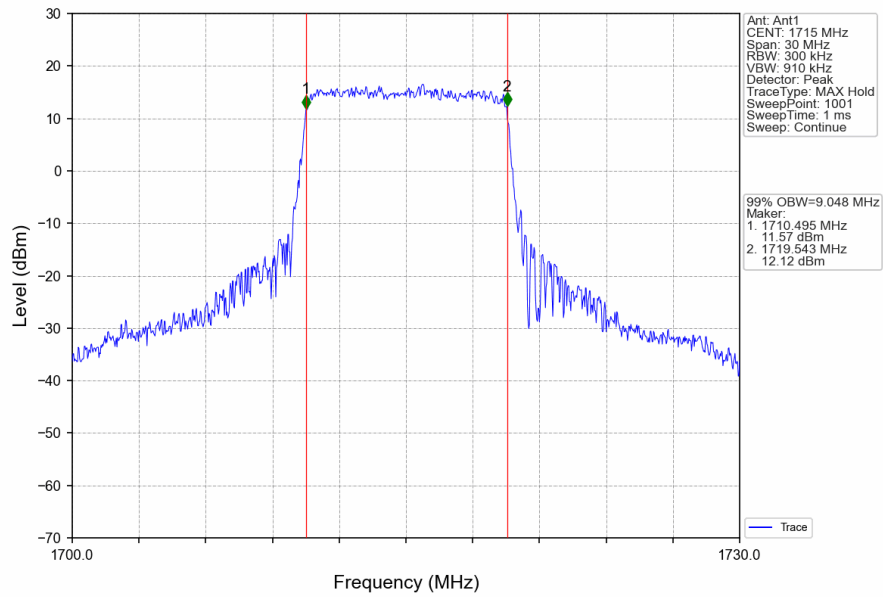
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



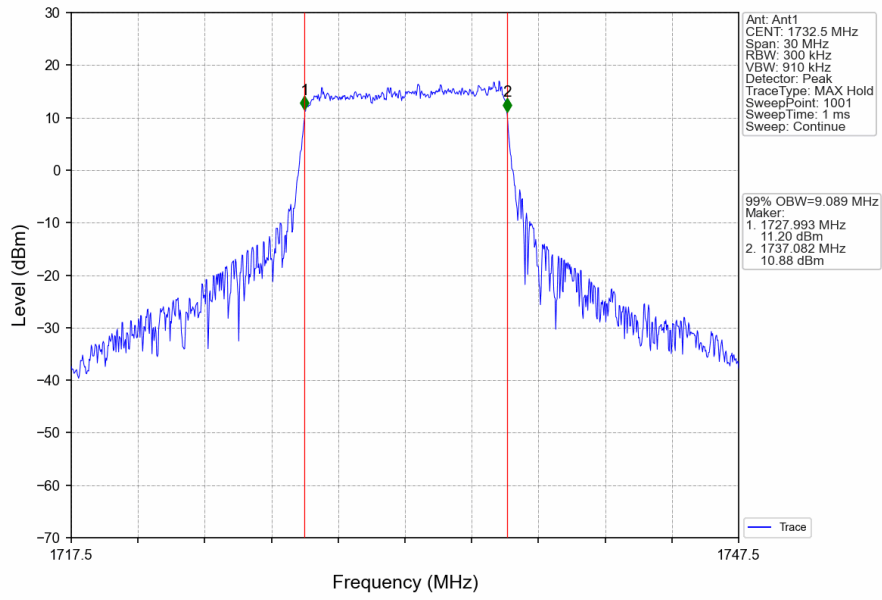
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



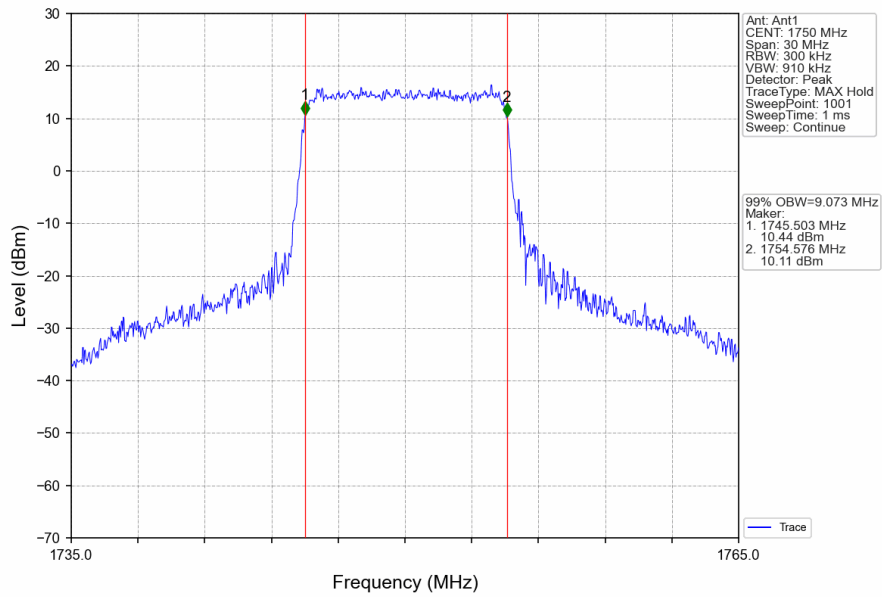
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



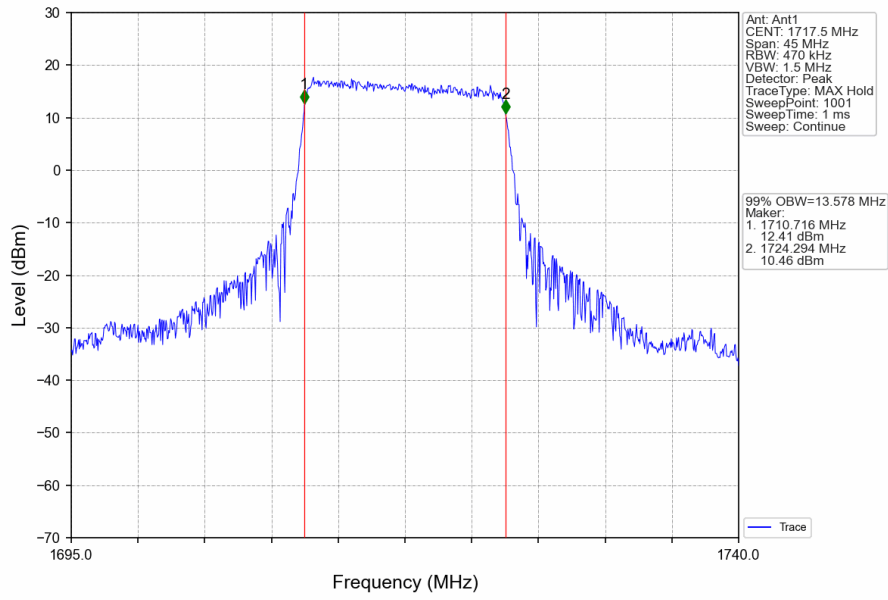
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



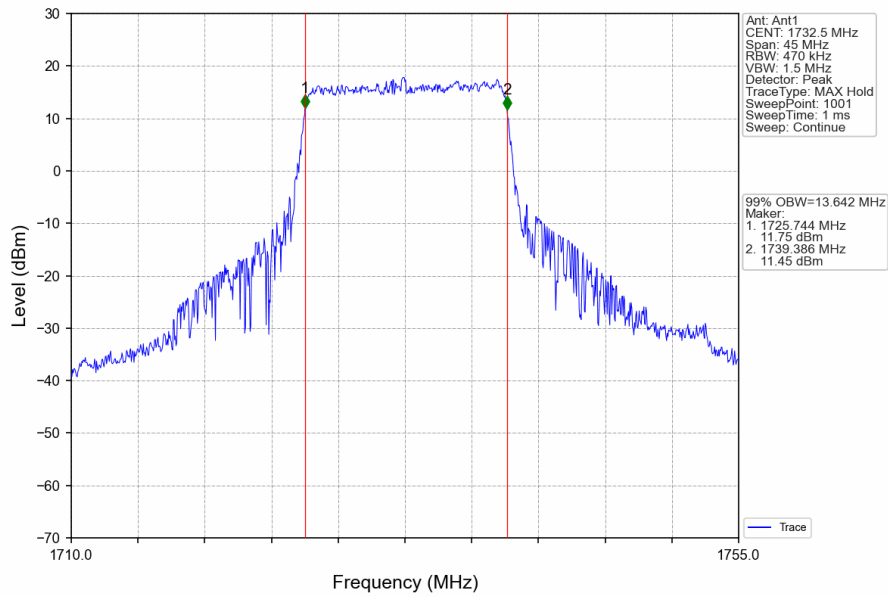
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



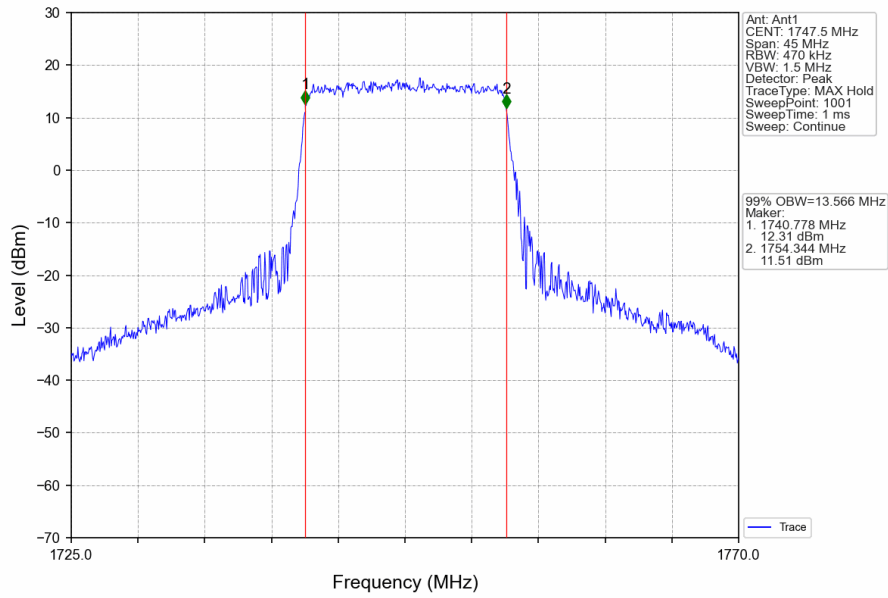
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



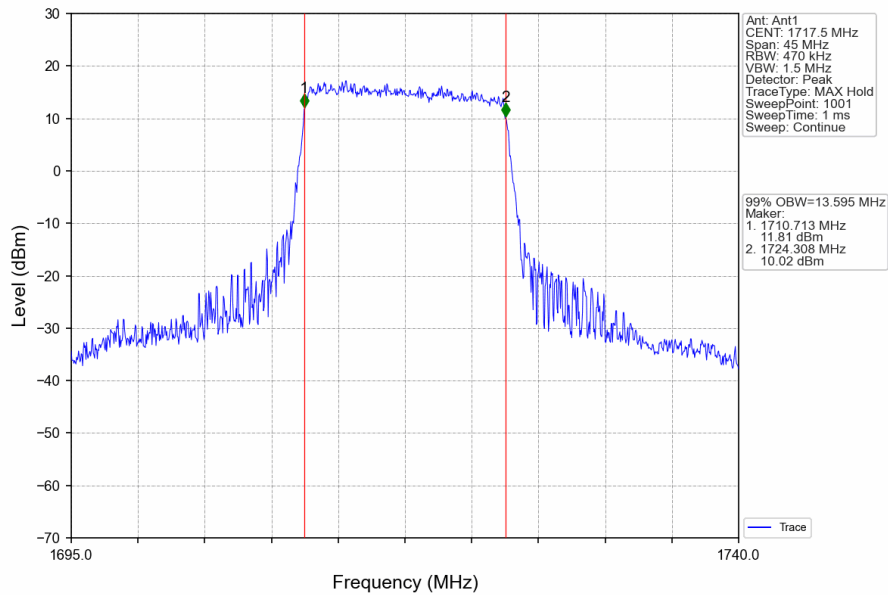
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



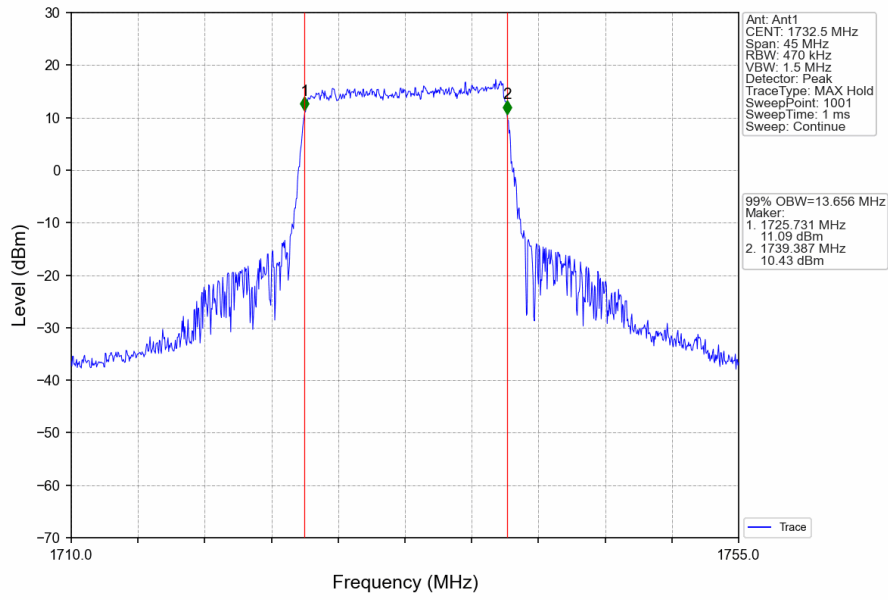
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



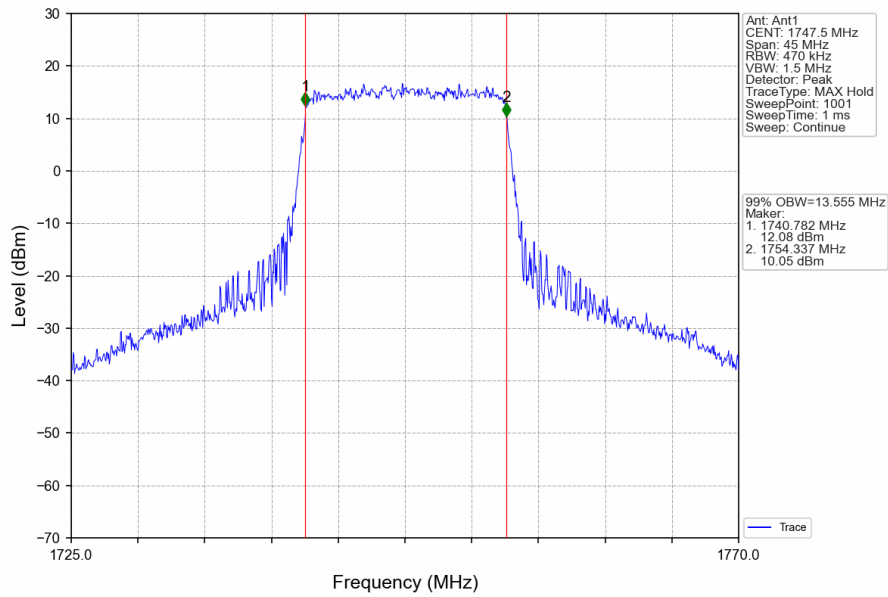
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



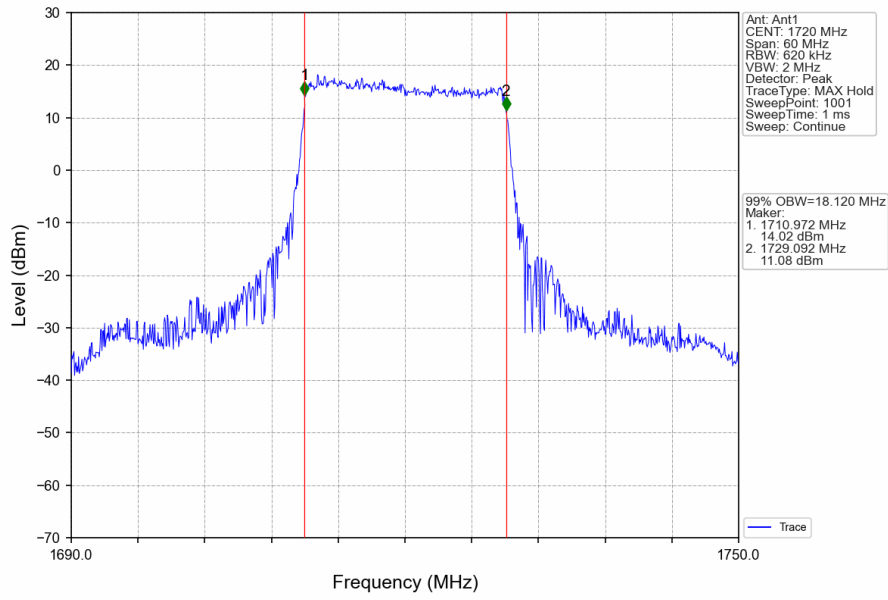
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



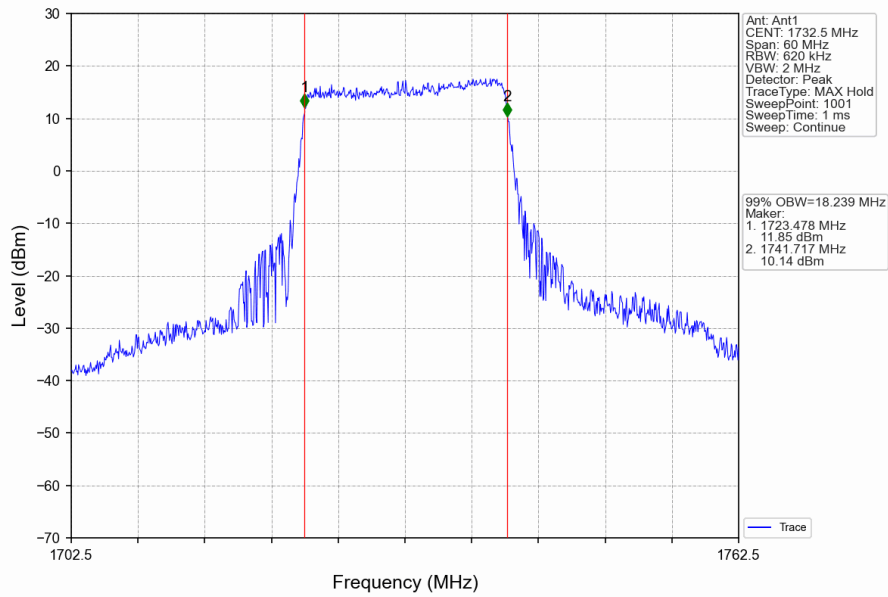
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



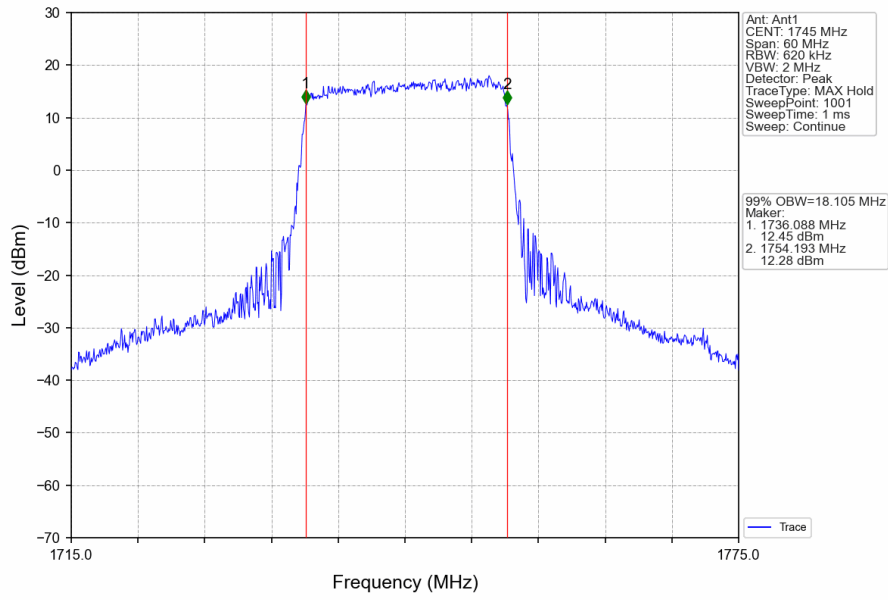
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



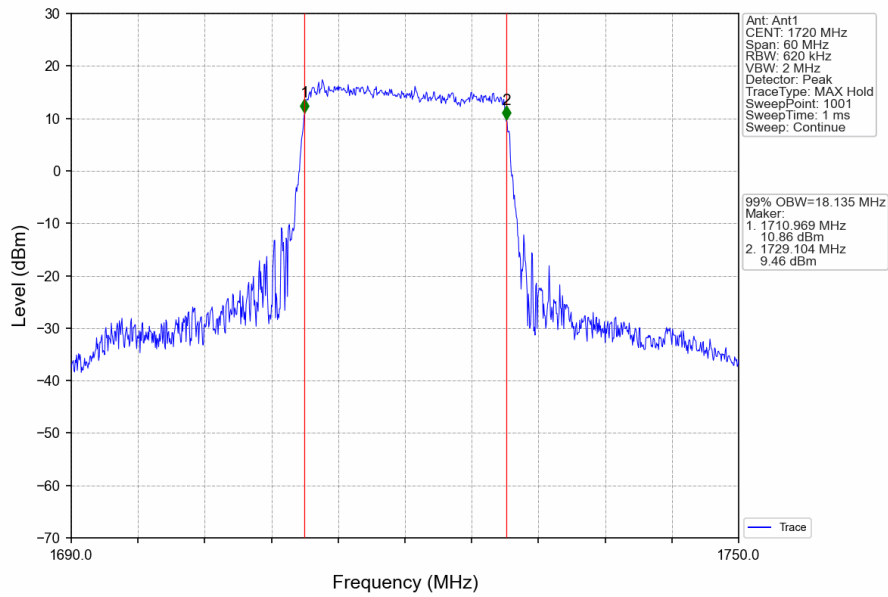
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



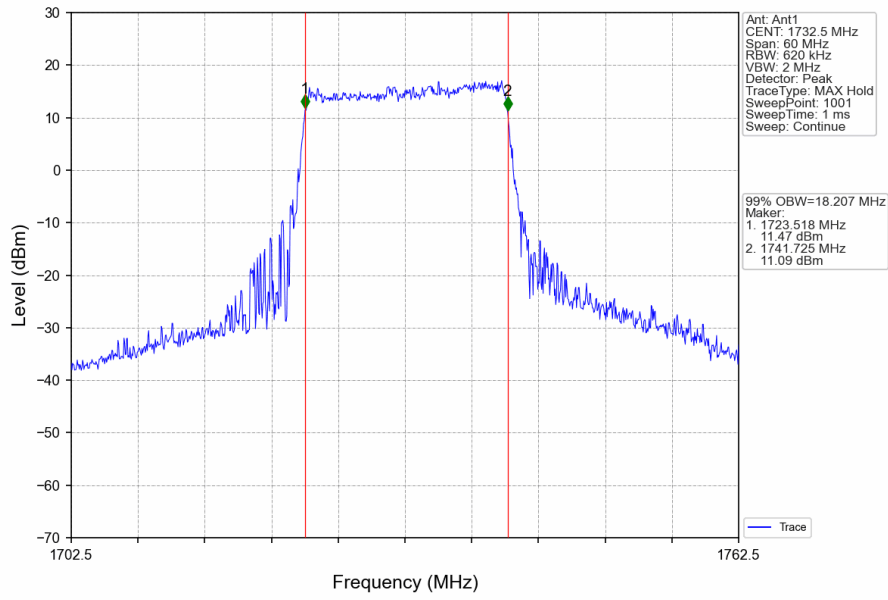
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



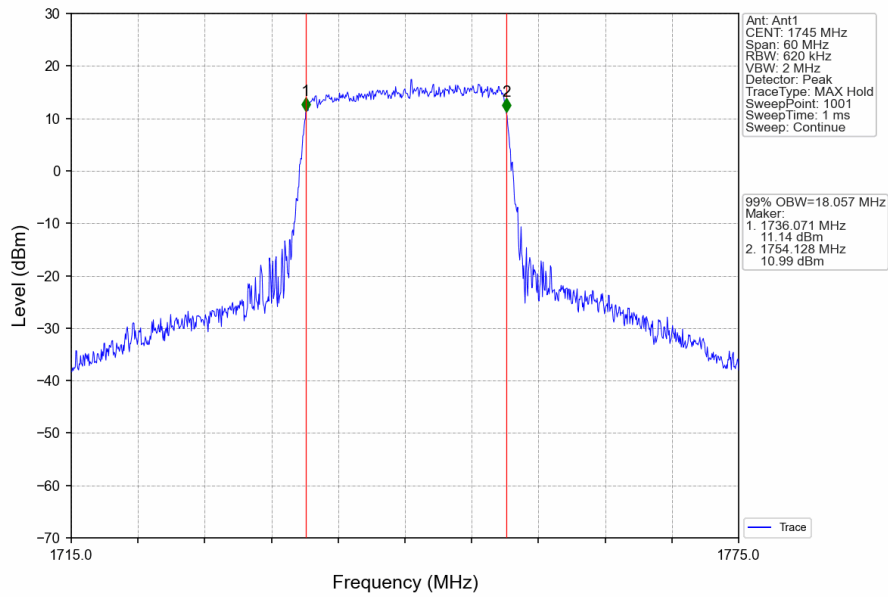
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

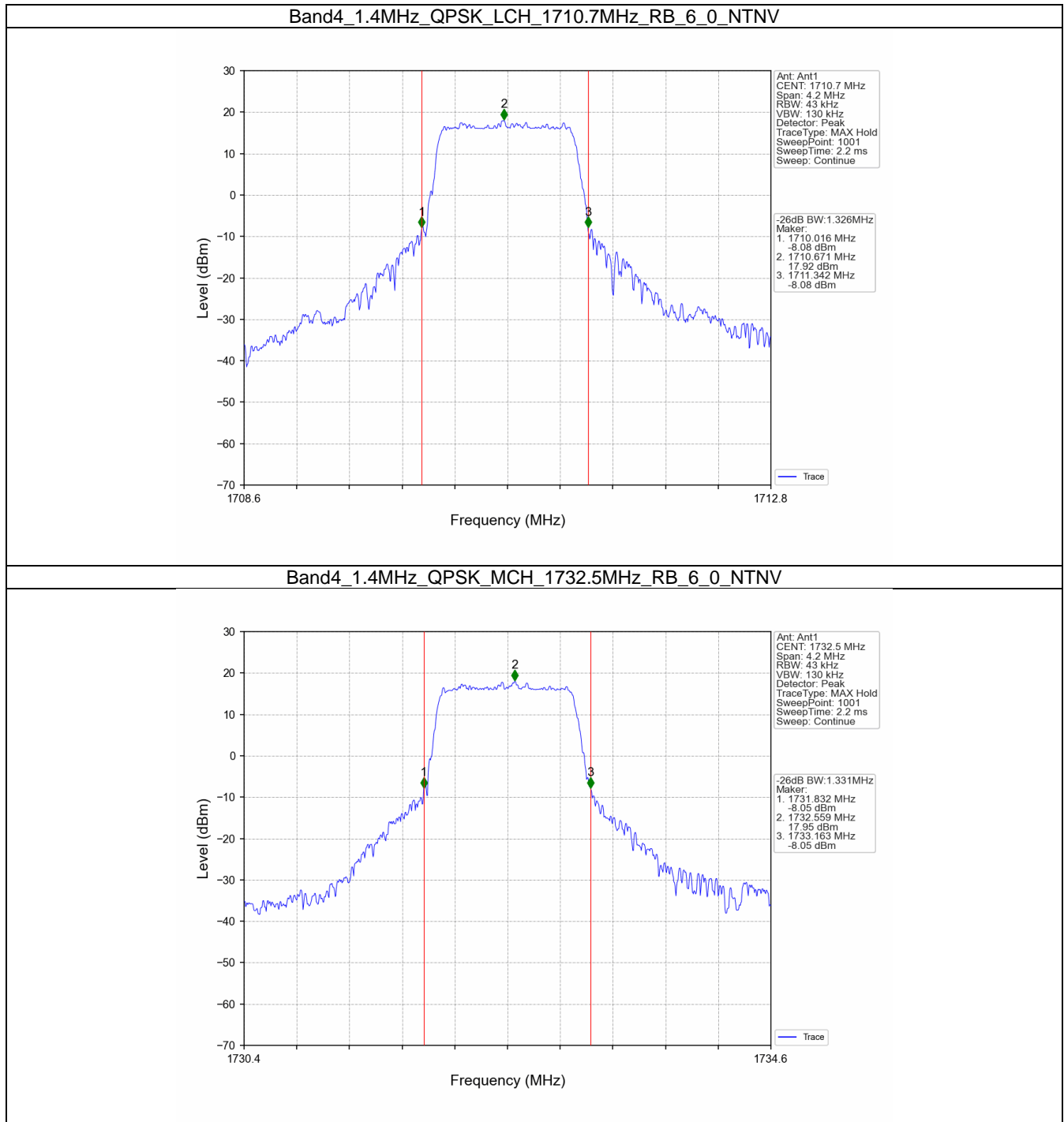


3.2 Band4_XDB

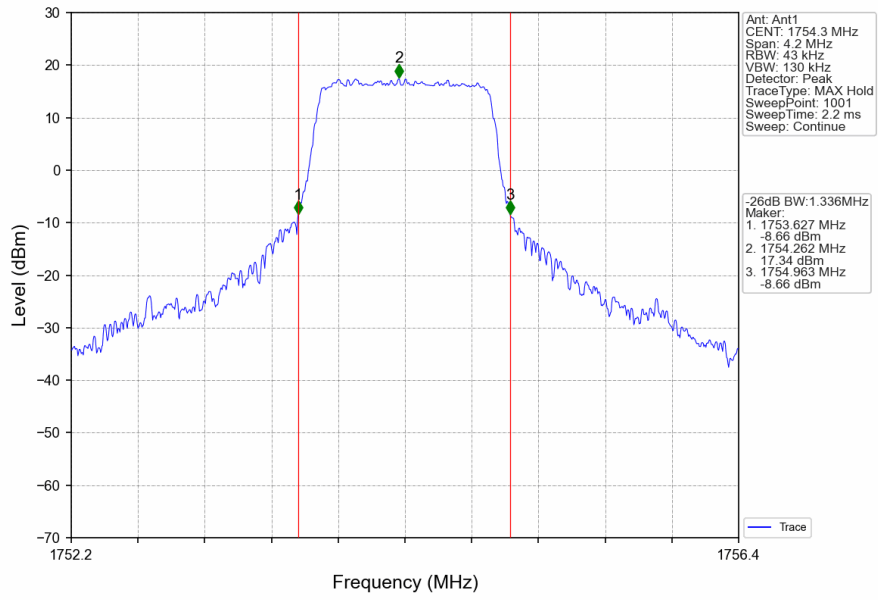
3.2.1 Test Result

Band: 4 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.326	Pass
		1732.5	6	0	1.331	Pass
		1754.3	6	0	1.336	Pass
	16QAM	1710.7	6	0	1.309	Pass
		1732.5	6	0	1.354	Pass
		1754.3	6	0	1.307	Pass
3	QPSK	1711.5	15	0	3.058	Pass
		1732.5	15	0	3.115	Pass
		1753.5	15	0	3.137	Pass
	16QAM	1711.5	15	0	3.262	Pass
		1732.5	15	0	3.138	Pass
		1753.5	15	0	3.188	Pass
5	QPSK	1712.5	25	0	5.392	Pass
		1732.5	25	0	5.903	Pass
		1752.5	25	0	5.393	Pass
	16QAM	1712.5	25	0	5.342	Pass
		1732.5	25	0	5.568	Pass
		1752.5	25	0	5.601	Pass
10	QPSK	1715	50	0	10.376	Pass
		1732.5	50	0	10.444	Pass
		1750	50	0	10.132	Pass
	16QAM	1715	50	0	10.278	Pass
		1732.5	50	0	10.734	Pass
		1750	50	0	10.295	Pass
15	QPSK	1717.5	75	0	15.703	Pass
		1732.5	75	0	16.403	Pass
		1747.5	75	0	15.340	Pass
	16QAM	1717.5	75	0	15.109	Pass
		1732.5	75	0	15.215	Pass
		1747.5	75	0	15.528	Pass
20	QPSK	1720	100	0	20.152	Pass
		1732.5	100	0	20.852	Pass
		1745	100	0	20.324	Pass
	16QAM	1720	100	0	19.912	Pass
		1732.5	100	0	20.927	Pass
		1745	100	0	20.019	Pass

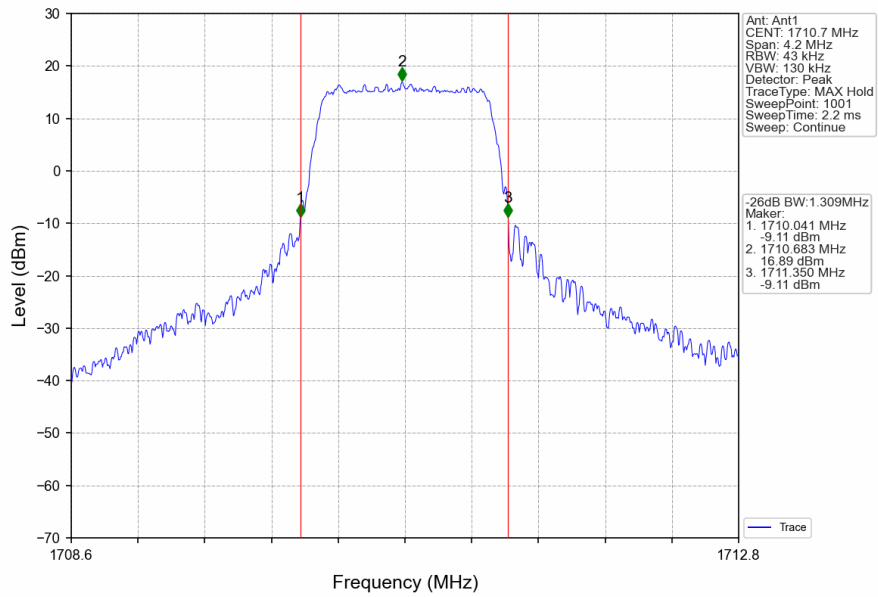
3.2.2 Test Graph



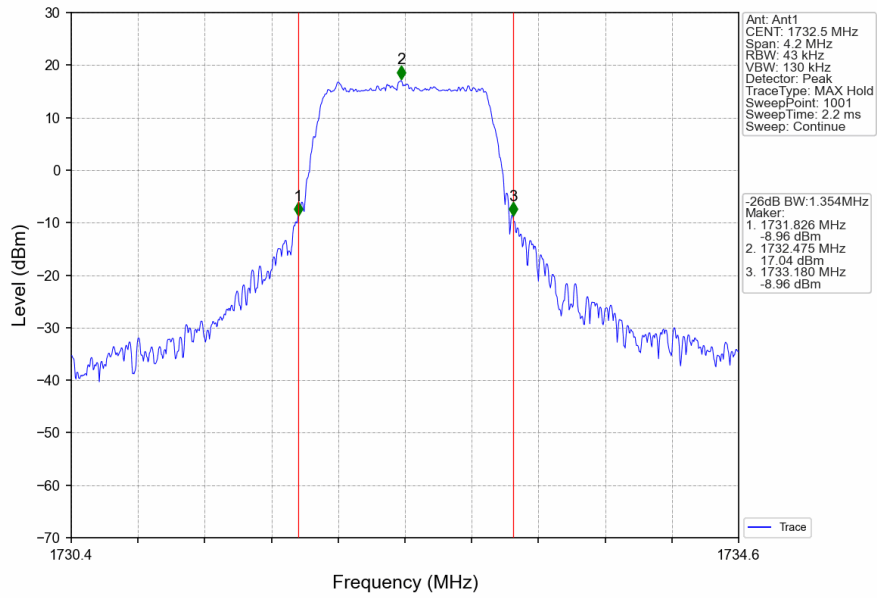
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

