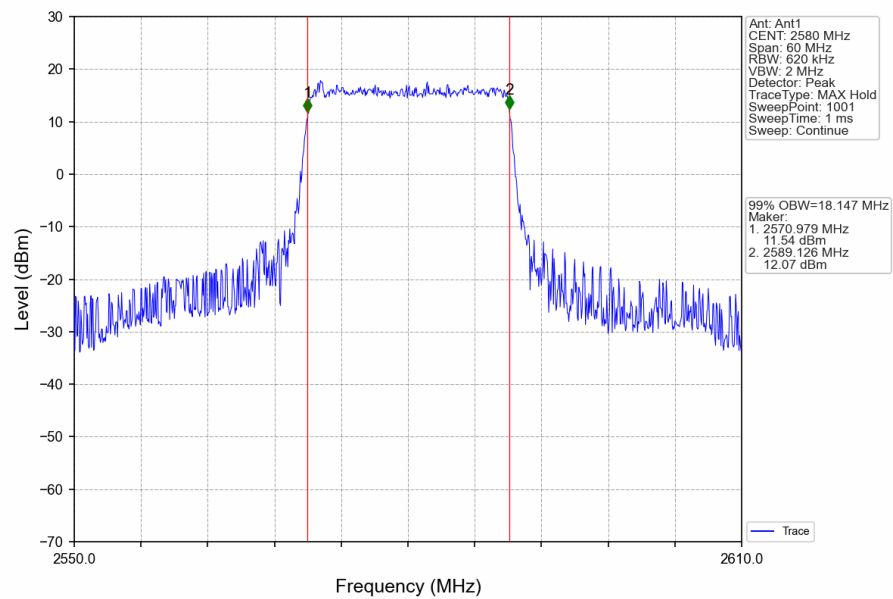
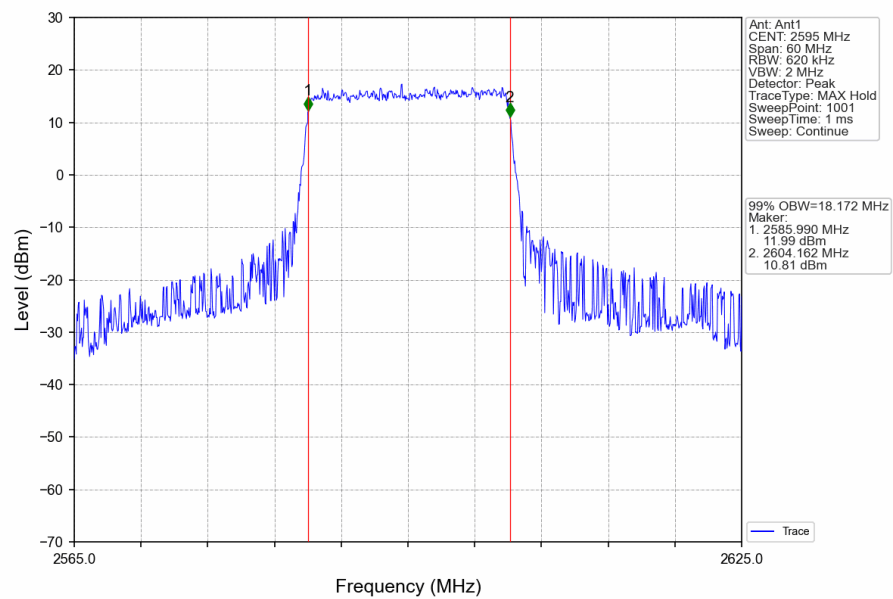


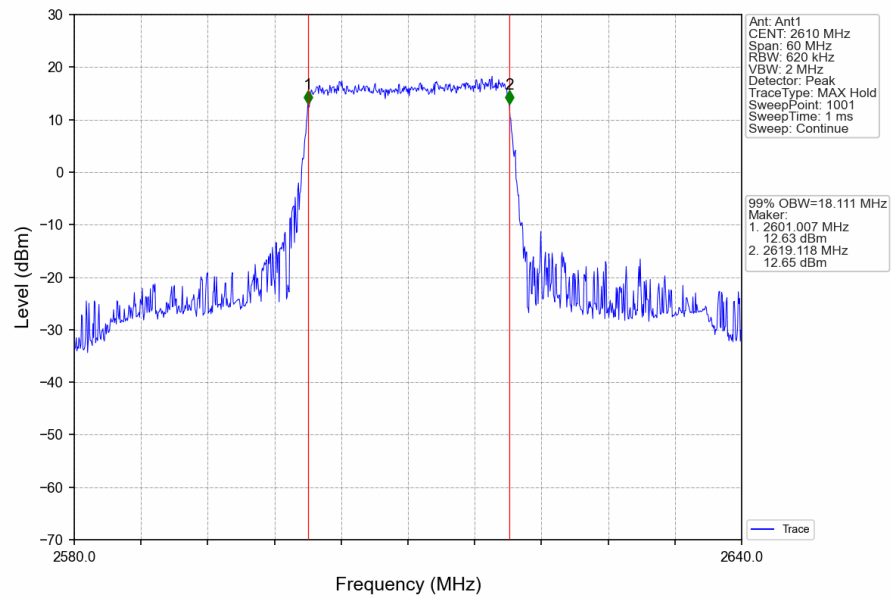
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



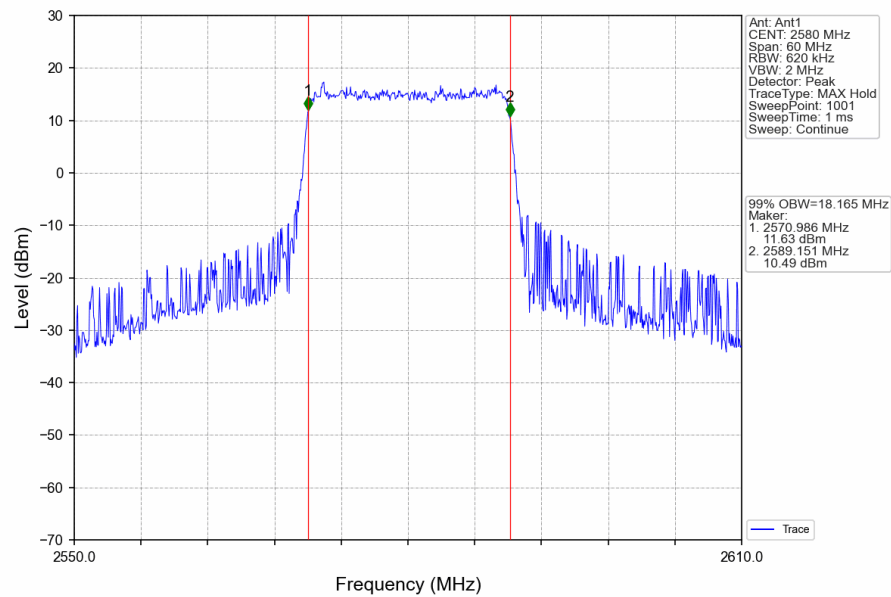
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



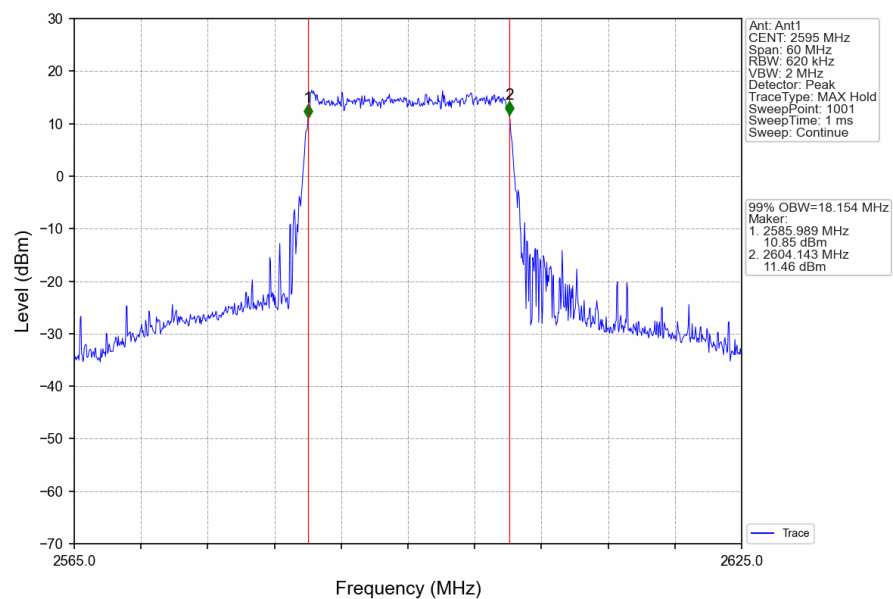
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



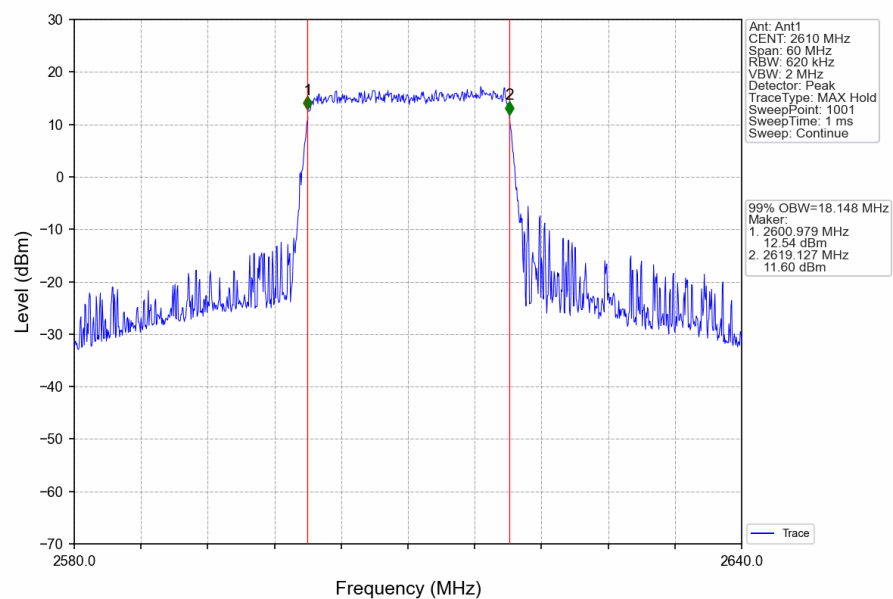
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV

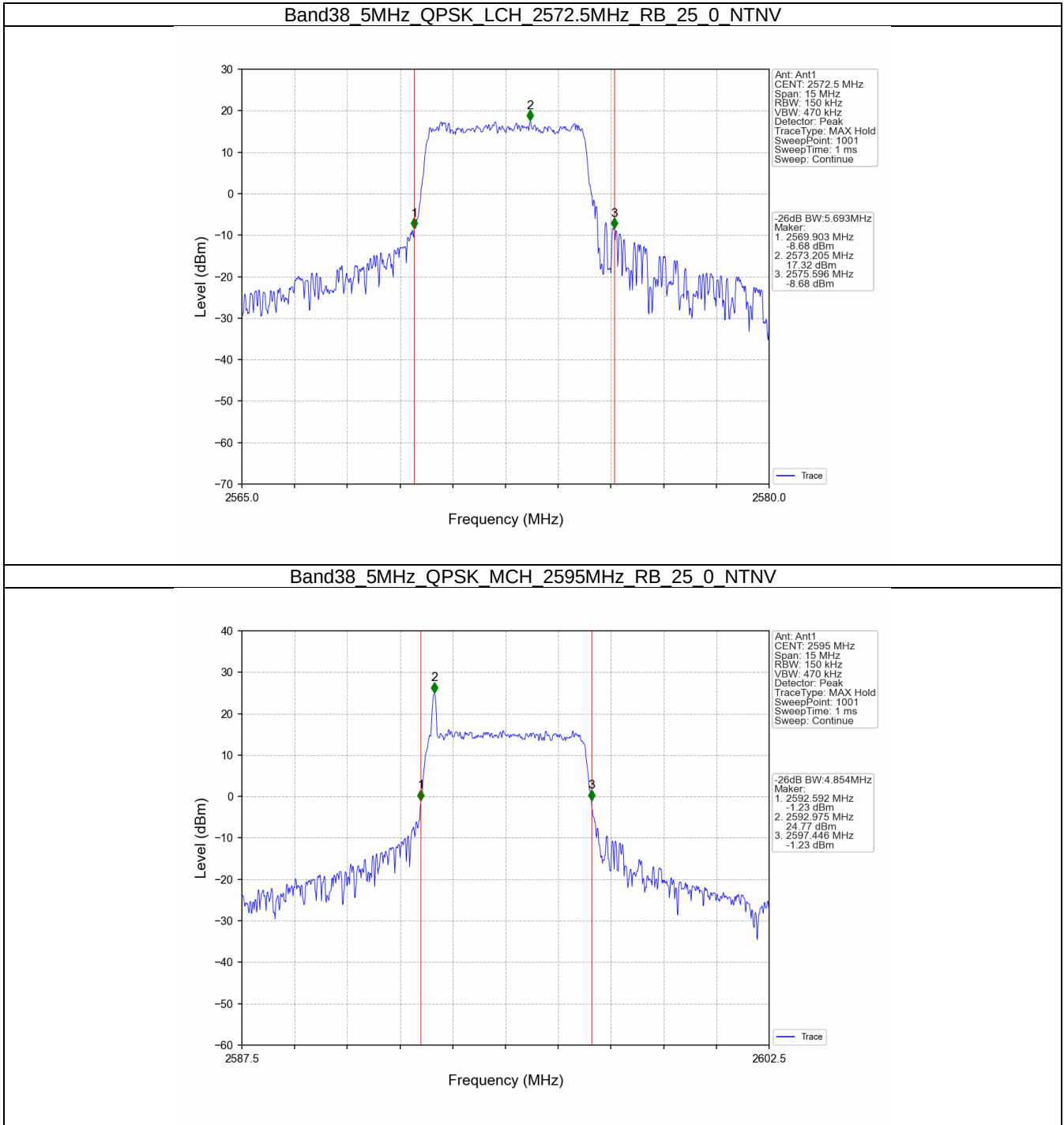


2.2 Band38_XDB

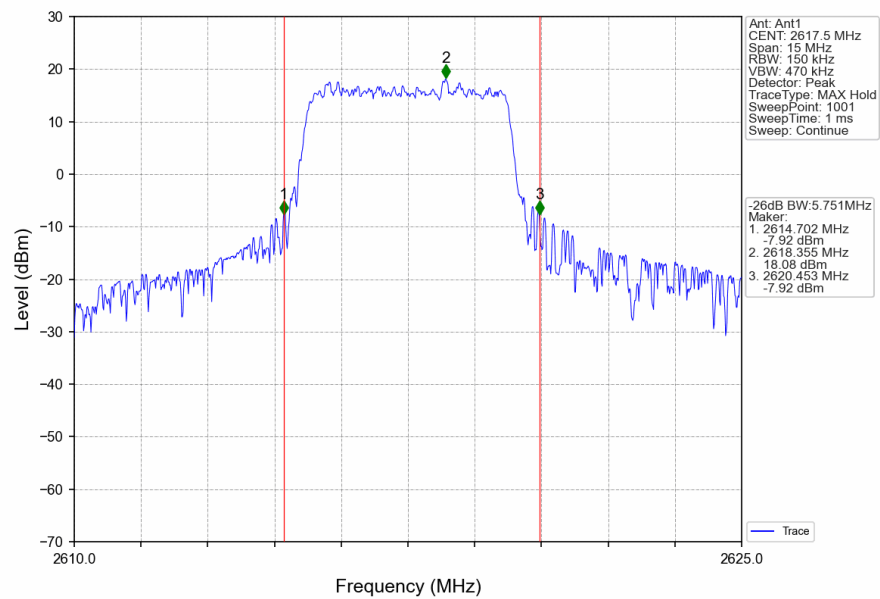
2.2.1 Test Result

Band: 38 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2572.5	25	0	5.693	Pass
		2595	25	0	4.854	Pass
		2617.5	25	0	5.751	Pass
	16QAM	2572.5	25	0	5.476	Pass
		2595	25	0	4.921	Pass
		2617.5	25	0	4.876	Pass
10	QPSK	2575	50	0	10.374	Pass
		2595	50	0	9.658	Pass
		2615	50	0	9.656	Pass
	16QAM	2575	50	0	11.129	Pass
		2595	50	0	10.644	Pass
		2615	50	0	10.241	Pass
15	QPSK	2577.5	75	0	16.115	Pass
		2595	75	0	16.524	Pass
		2612.5	75	0	15.374	Pass
	16QAM	2577.5	75	0	15.689	Pass
		2595	75	0	15.363	Pass
		2612.5	75	0	16.679	Pass
20	QPSK	2580	100	0	20.437	Pass
		2595	100	0	20.499	Pass
		2610	100	0	20.451	Pass
	16QAM	2580	100	0	21.020	Pass
		2595	100	0	21.134	Pass
		2610	100	0	21.813	Pass

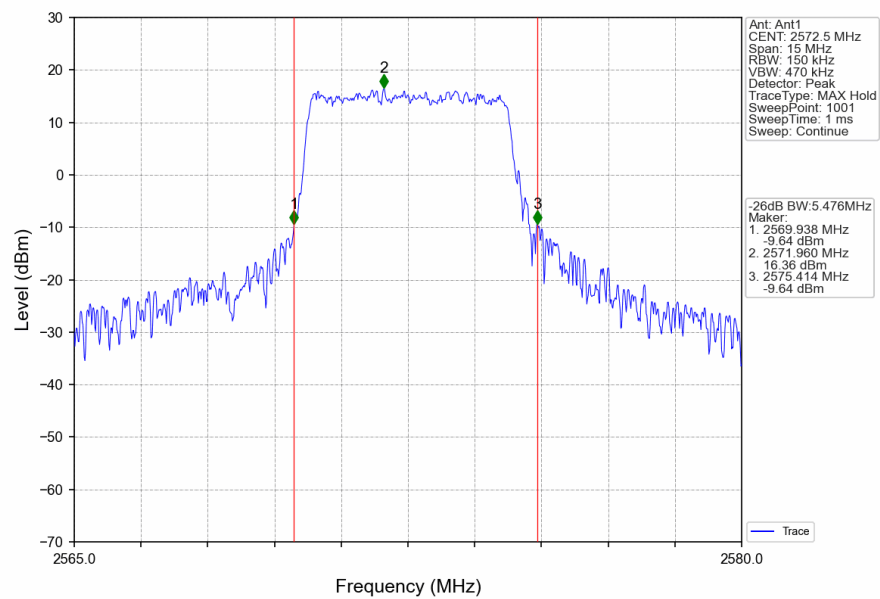
2.2.2 Test Graph



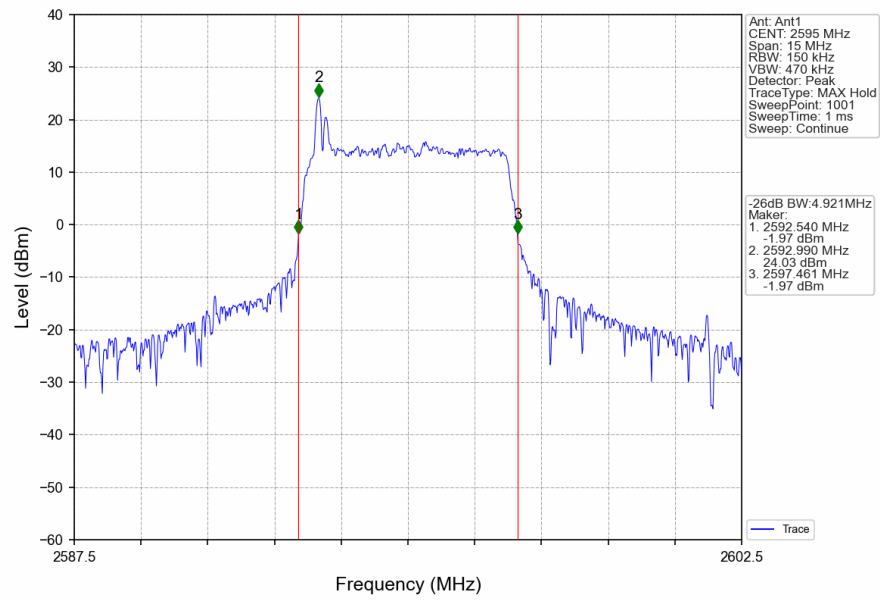
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



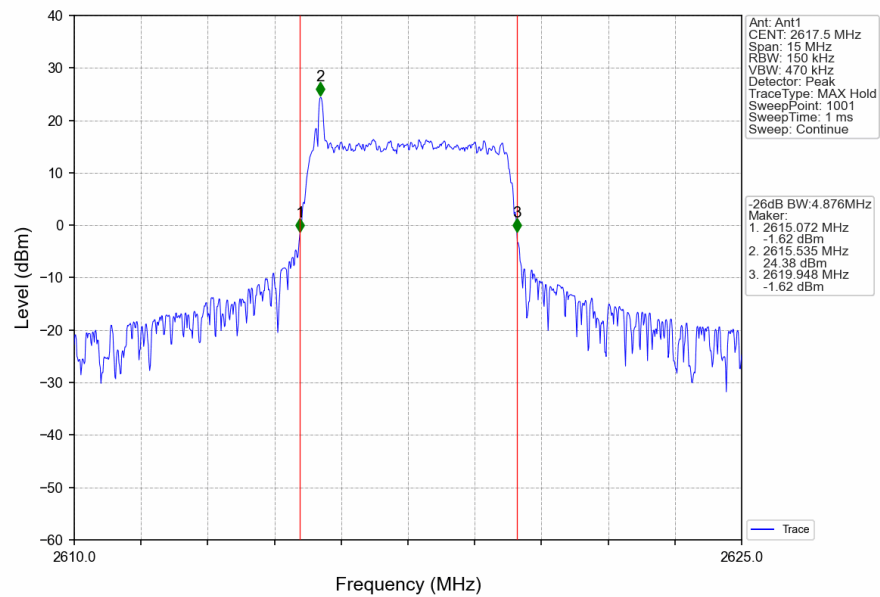
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



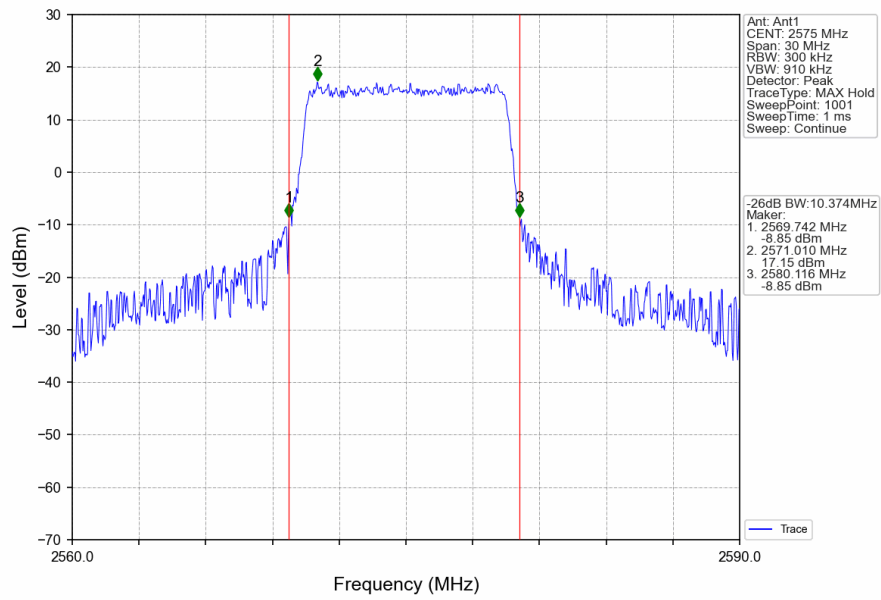
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



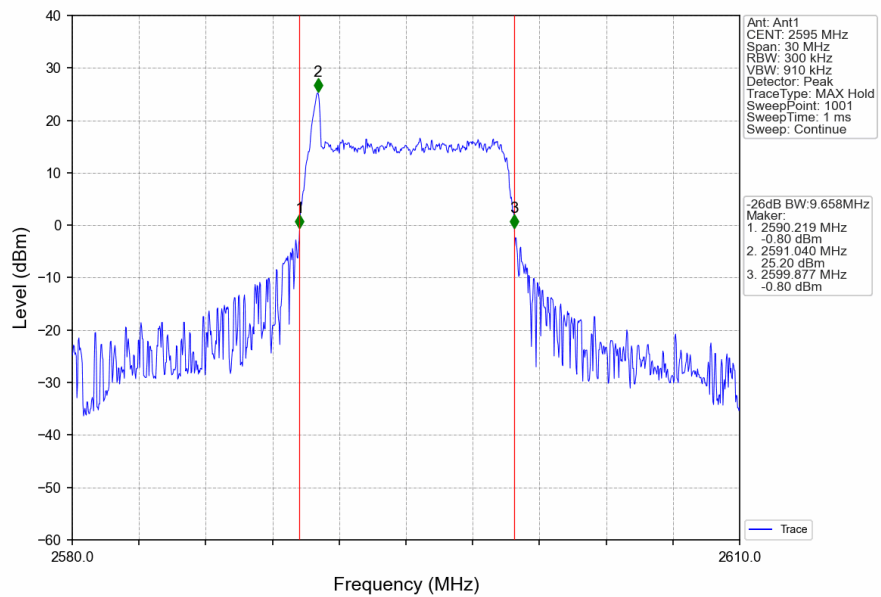
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



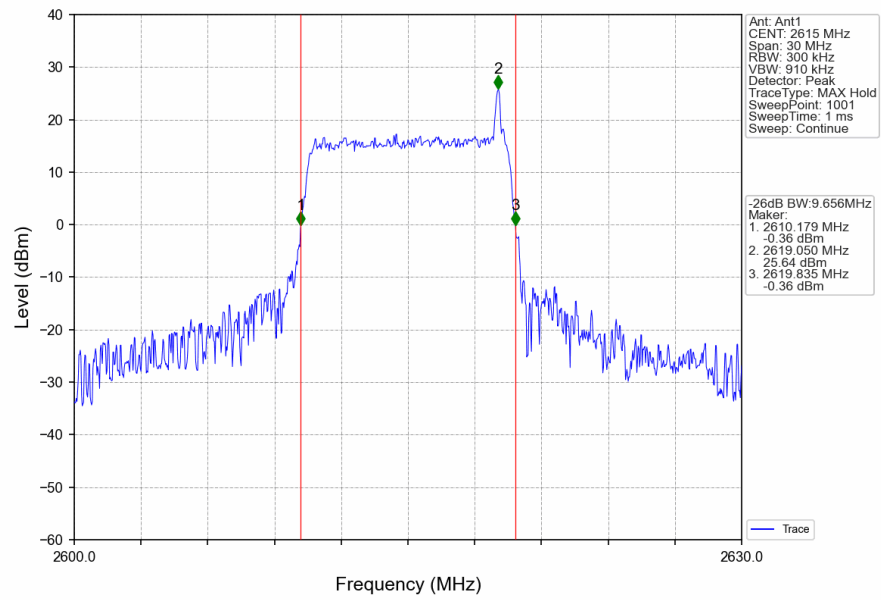
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



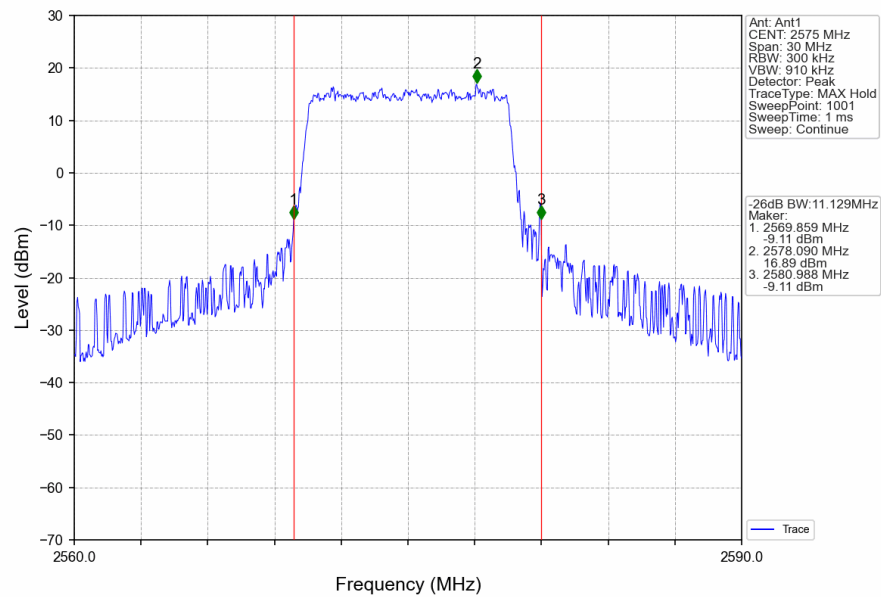
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



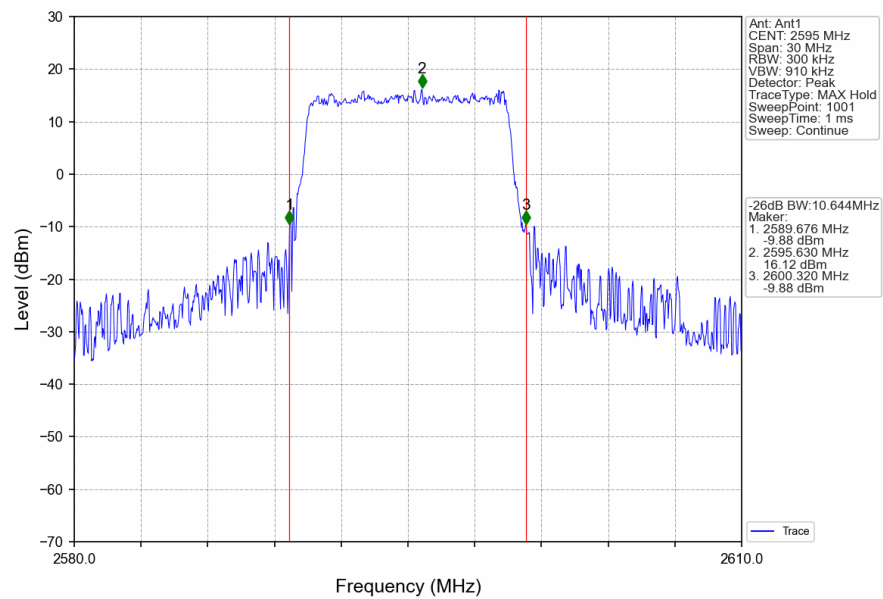
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



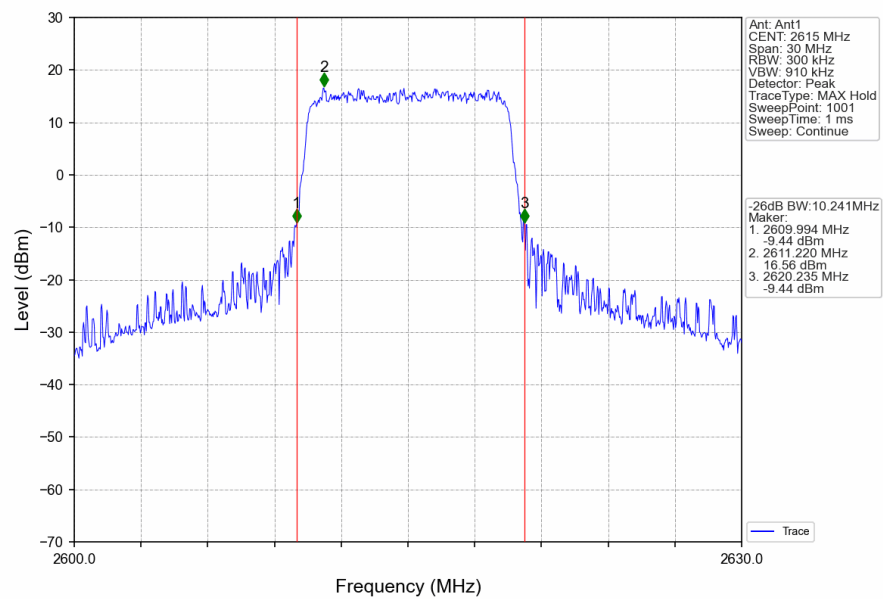
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



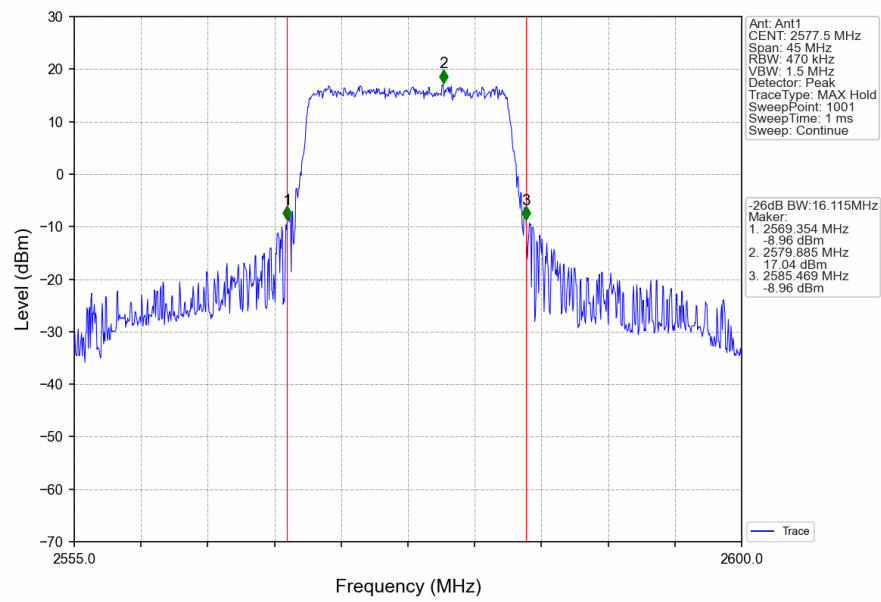
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



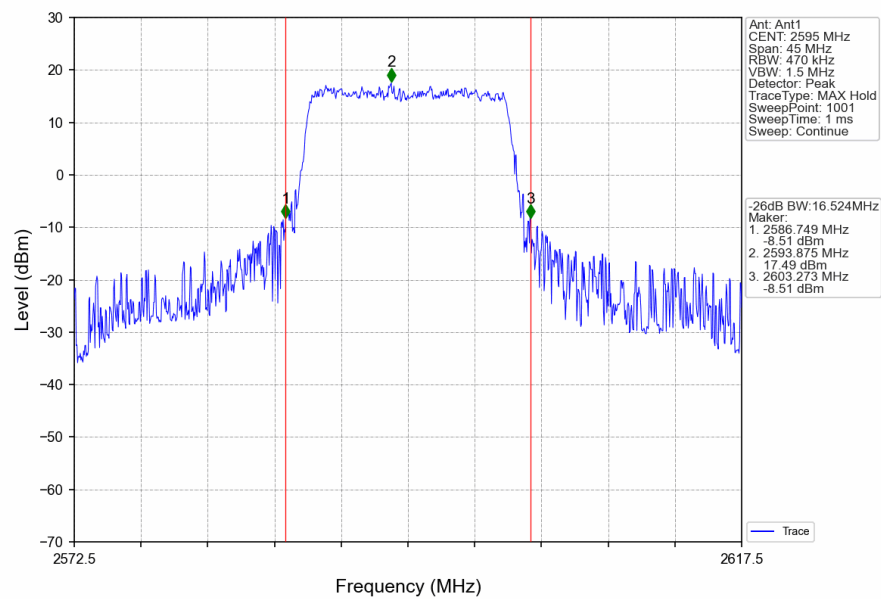
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



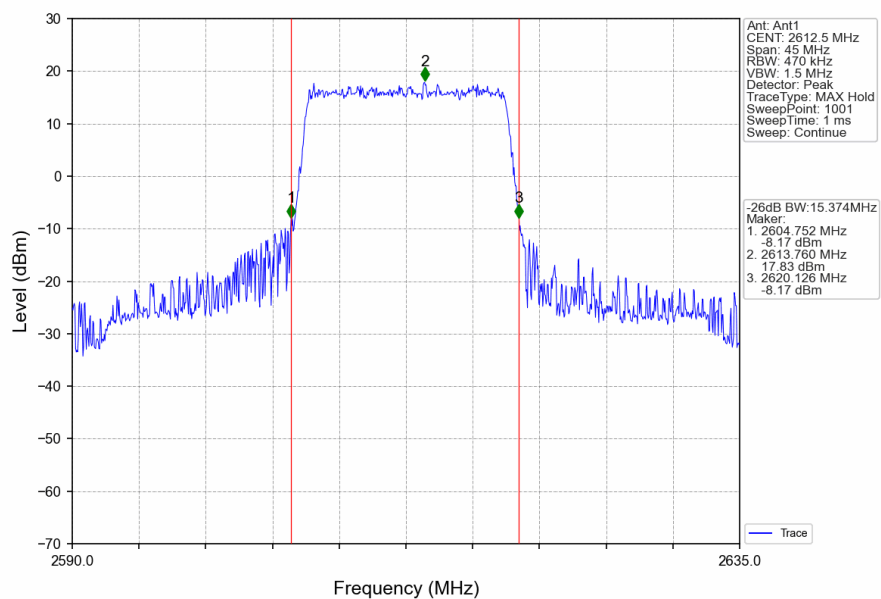
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



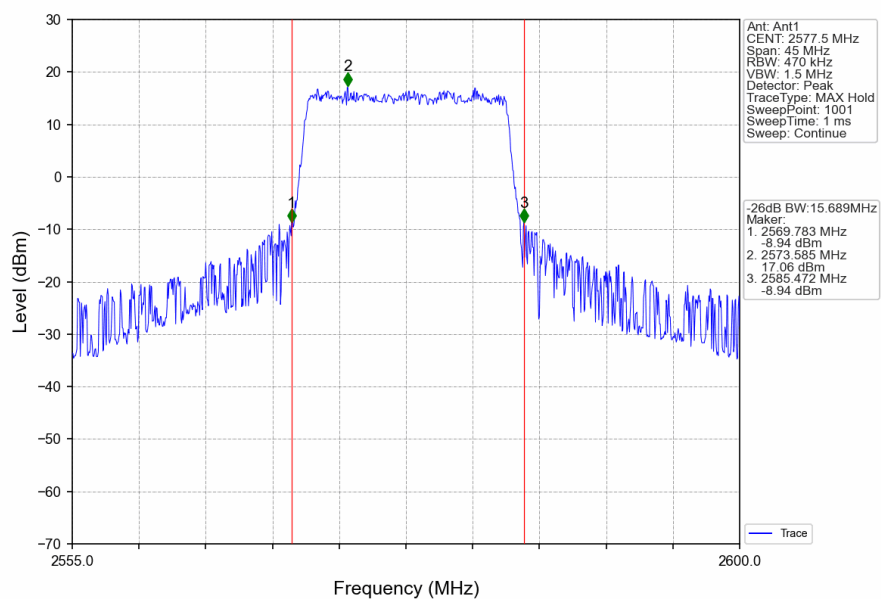
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



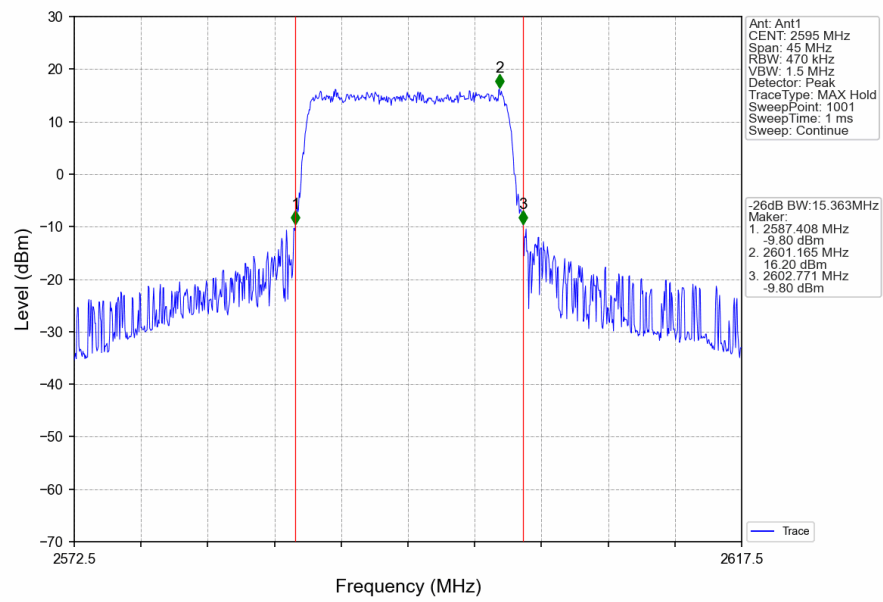
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



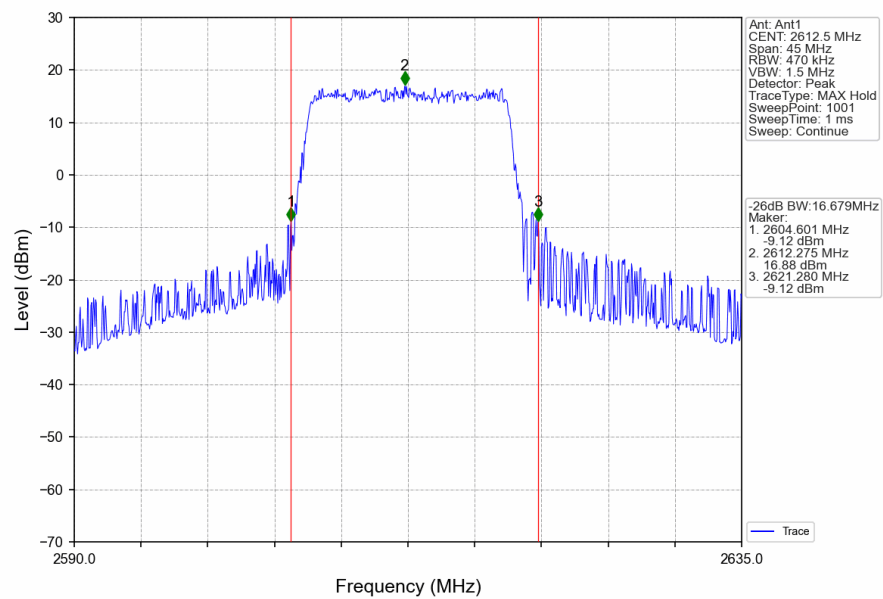
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



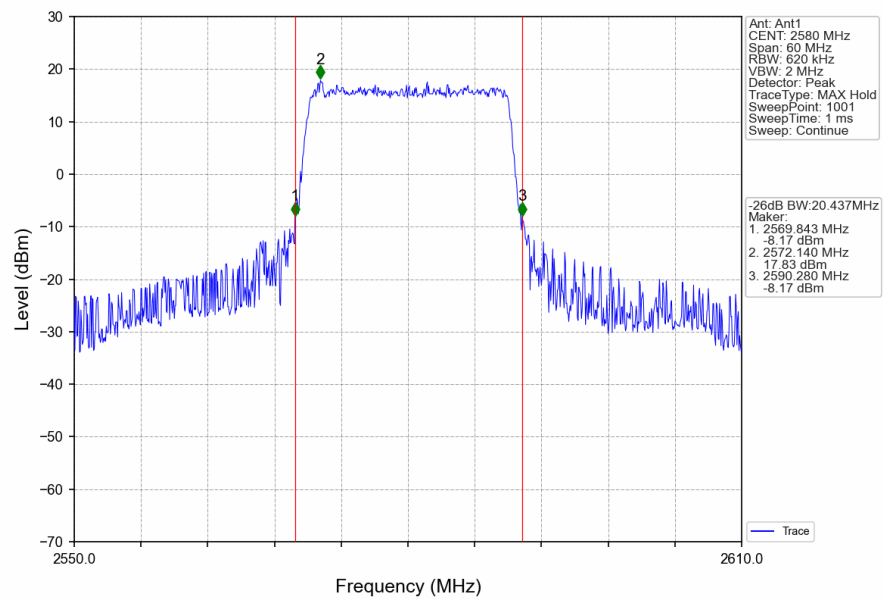
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



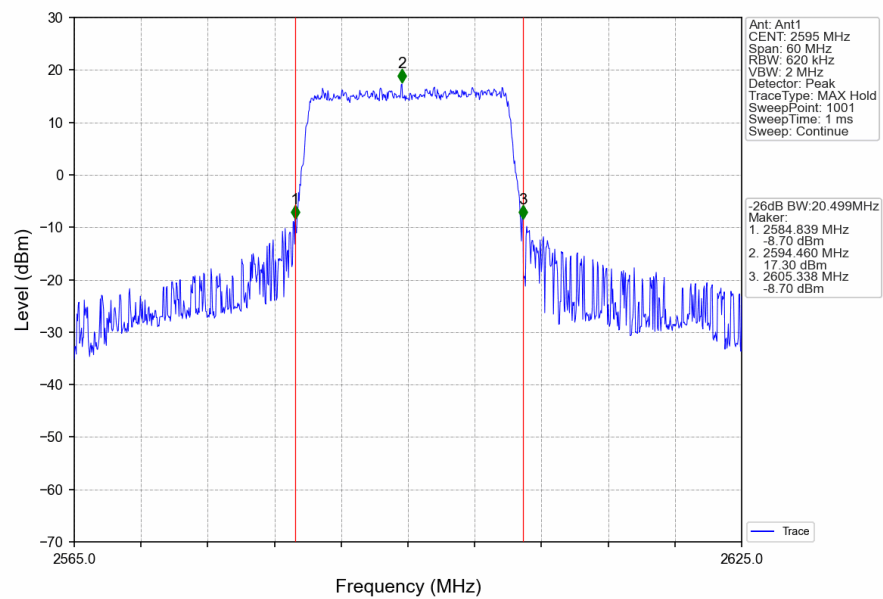
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



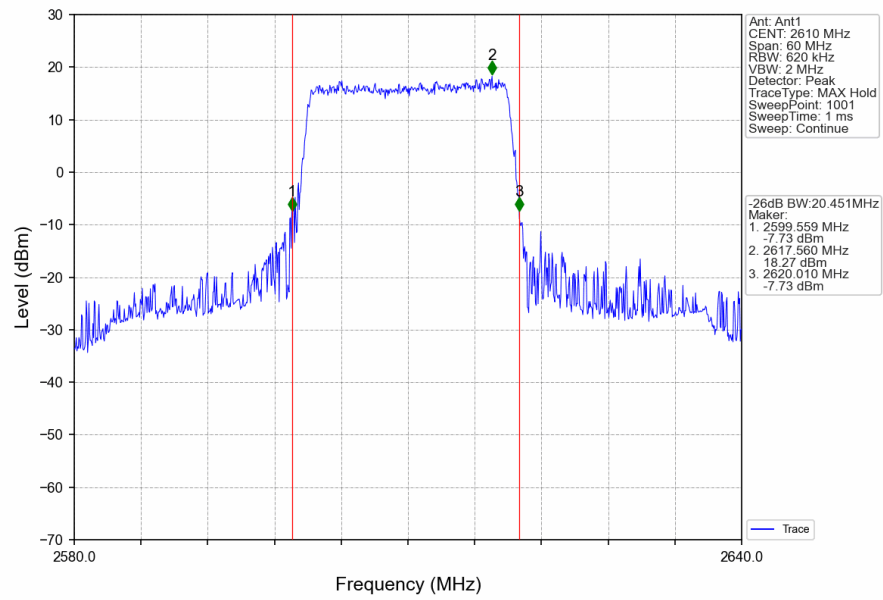
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



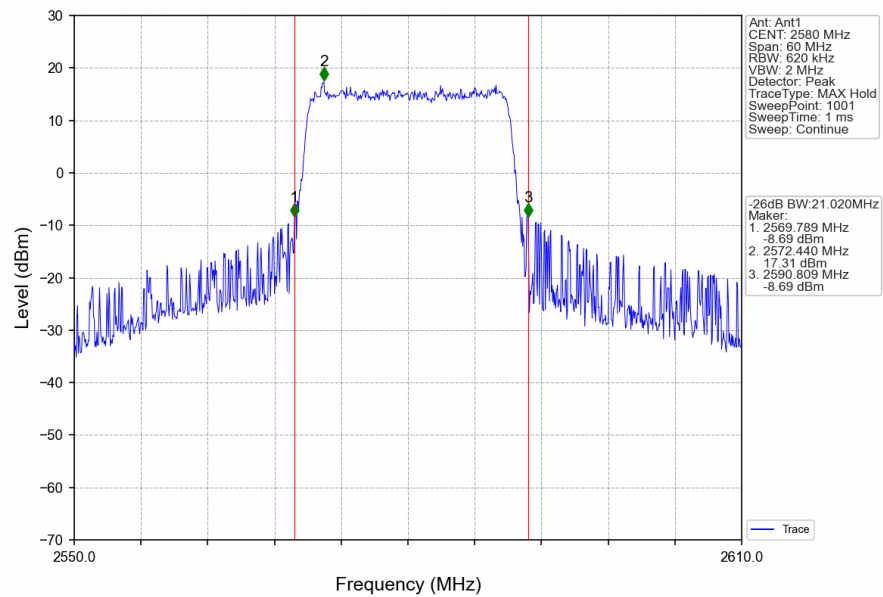
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



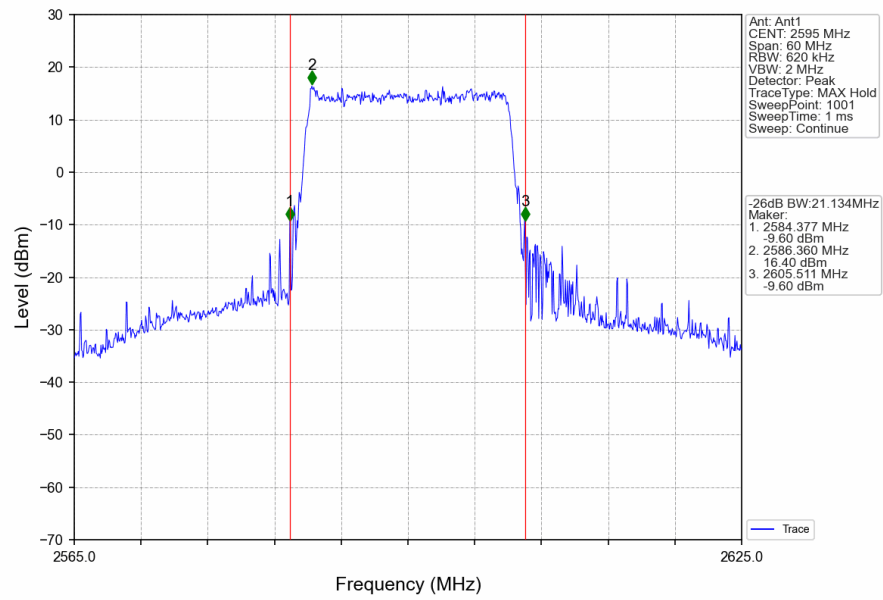
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



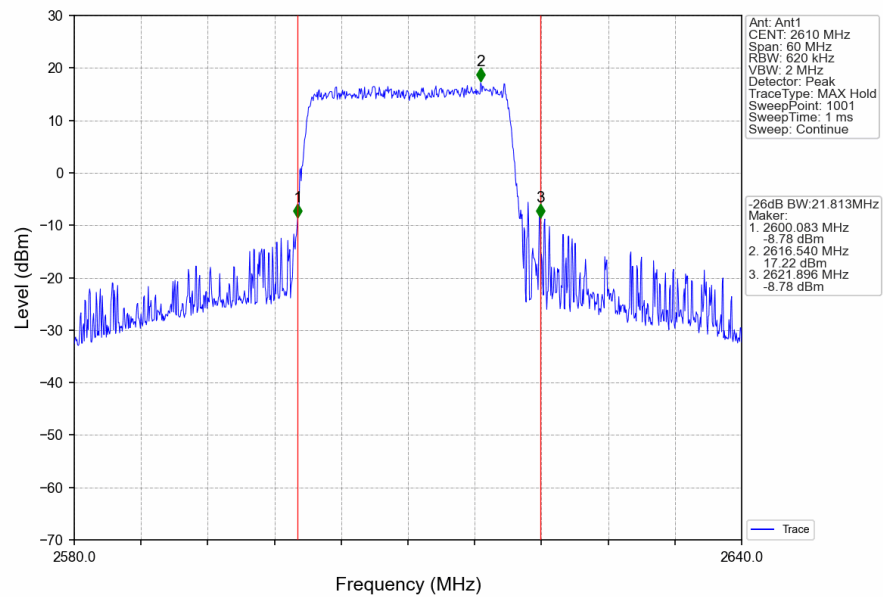
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



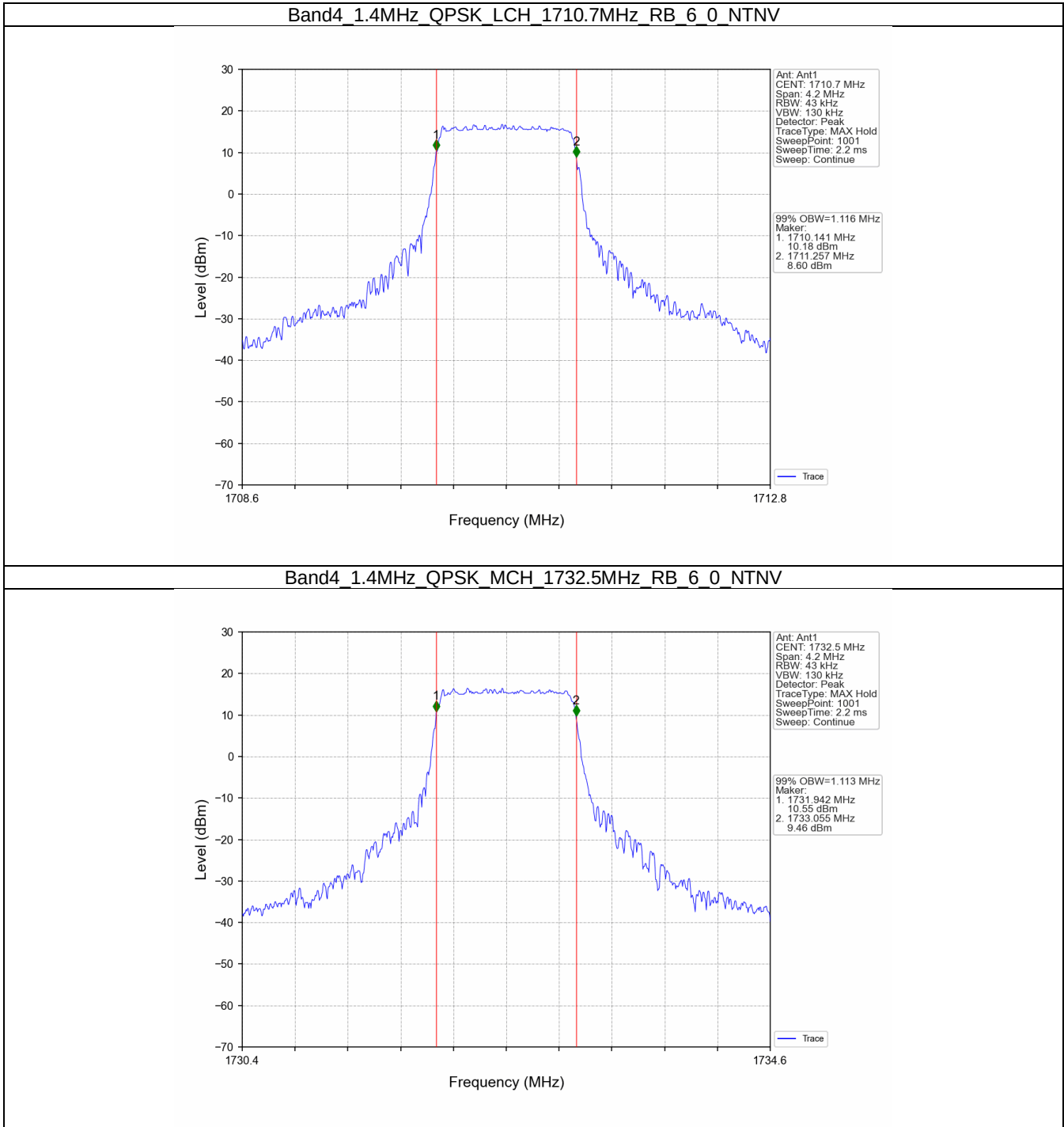
3. 99% & 26dB Bandwidth

3.1 Band4_OBW

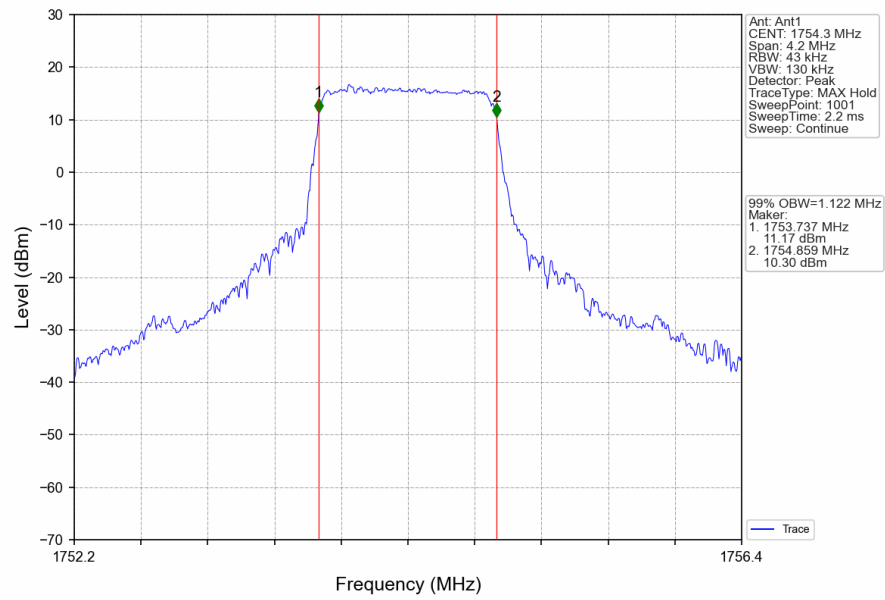
3.1.1 Test Result

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	1.113	Pass
		1754.3	6	0	1.122	Pass
	16QAM	1710.7	6	0	1.112	Pass
		1732.5	6	0	1.105	Pass
		1754.3	6	0	1.117	Pass
3	QPSK	1711.5	15	0	2.762	Pass
		1732.5	15	0	2.756	Pass
		1753.5	15	0	2.767	Pass
	16QAM	1711.5	15	0	2.759	Pass
		1732.5	15	0	2.751	Pass
		1753.5	15	0	2.767	Pass
5	QPSK	1712.5	25	0	4.577	Pass
		1732.5	25	0	4.576	Pass
		1752.5	25	0	4.561	Pass
	16QAM	1712.5	25	0	4.590	Pass
		1732.5	25	0	4.609	Pass
		1752.5	25	0	4.600	Pass
10	QPSK	1715	50	0	9.054	Pass
		1732.5	50	0	9.085	Pass
		1750	50	0	9.045	Pass
	16QAM	1715	50	0	9.067	Pass
		1732.5	50	0	9.120	Pass
		1750	50	0	9.056	Pass
15	QPSK	1717.5	75	0	13.592	Pass
		1732.5	75	0	13.690	Pass
		1747.5	75	0	13.546	Pass
	16QAM	1717.5	75	0	13.576	Pass
		1732.5	75	0	13.670	Pass
		1747.5	75	0	13.579	Pass
20	QPSK	1720	100	0	18.168	Pass
		1732.5	100	0	18.194	Pass
		1745	100	0	18.040	Pass
	16QAM	1720	100	0	18.168	Pass
		1732.5	100	0	18.186	Pass
		1745	100	0	18.048	Pass

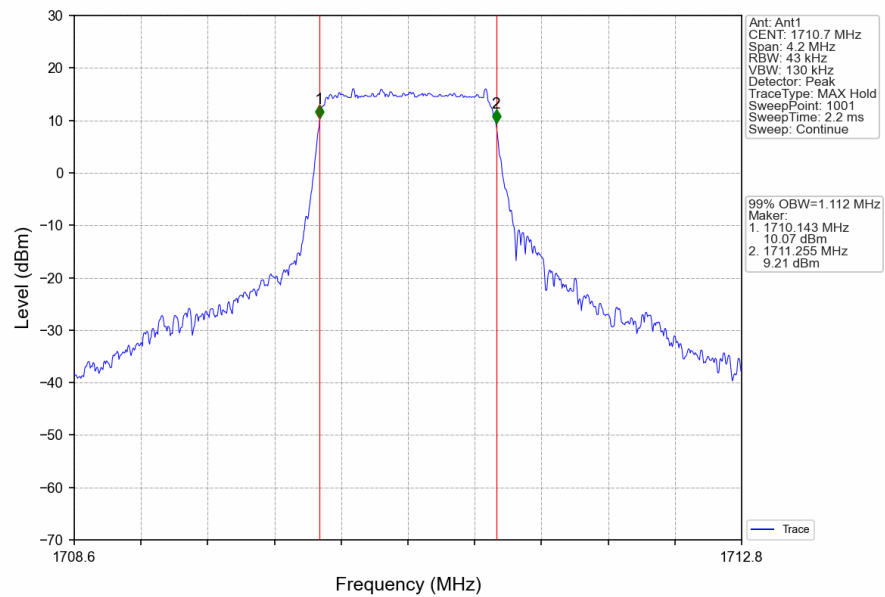
3.1.2 Test Graph



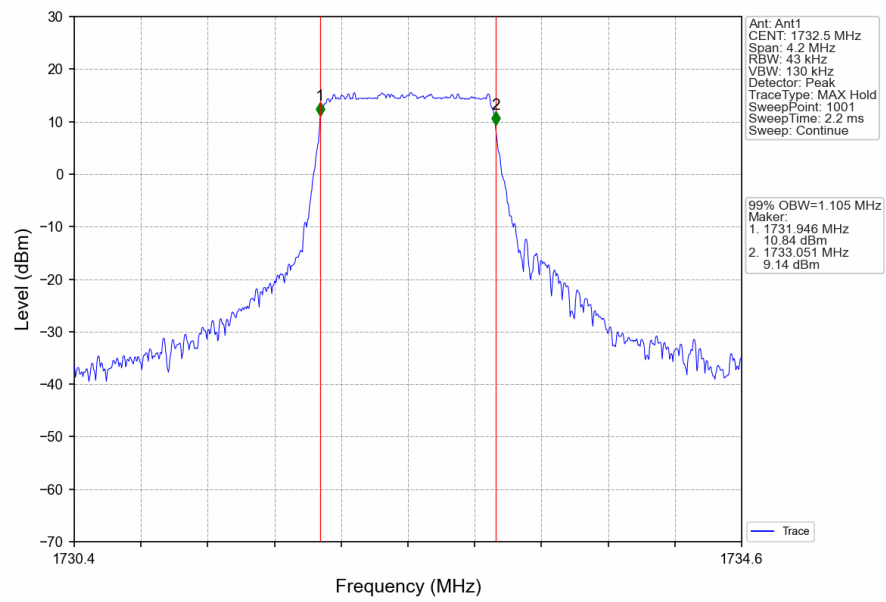
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



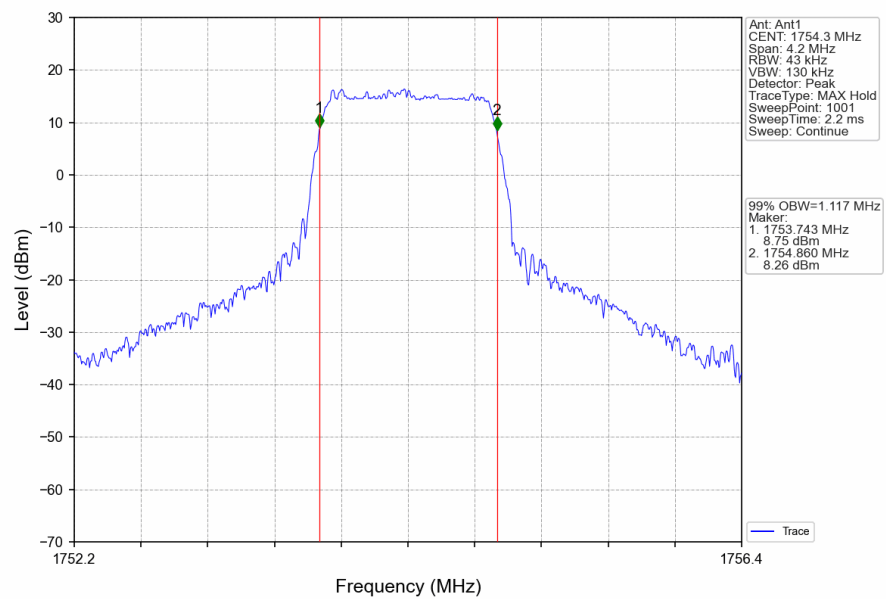
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



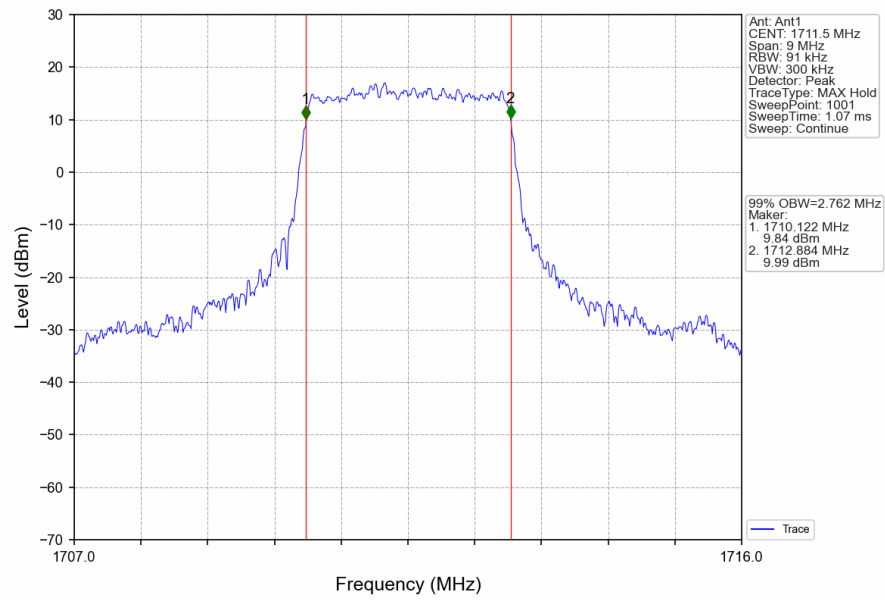
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



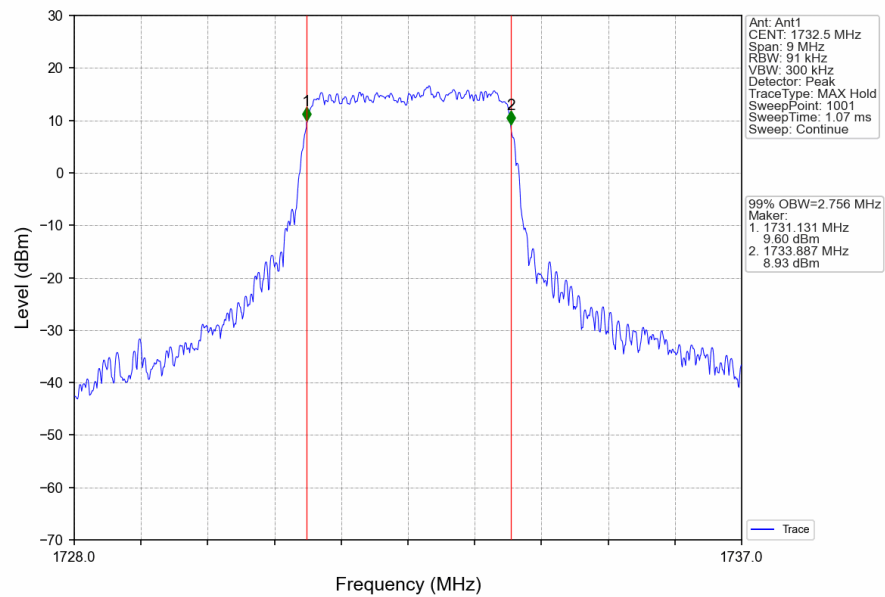
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



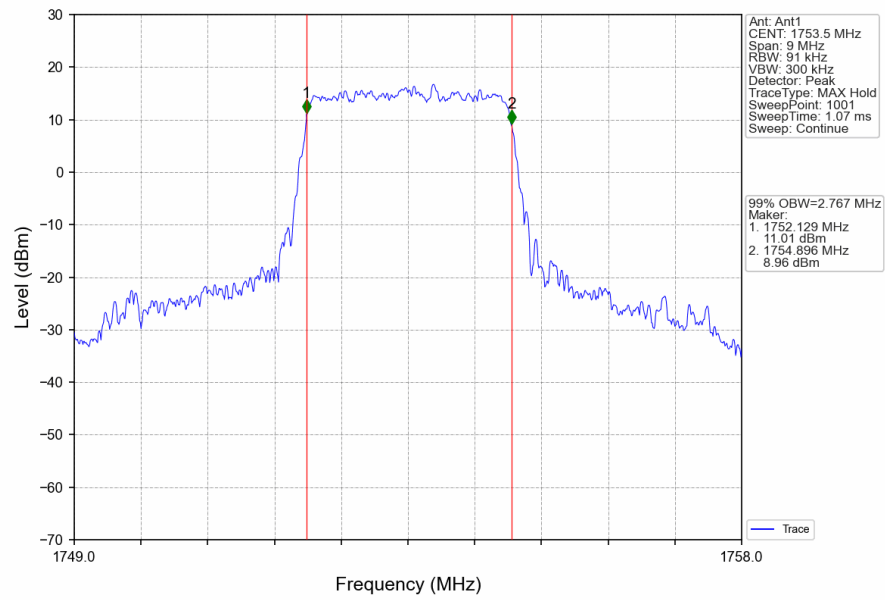
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



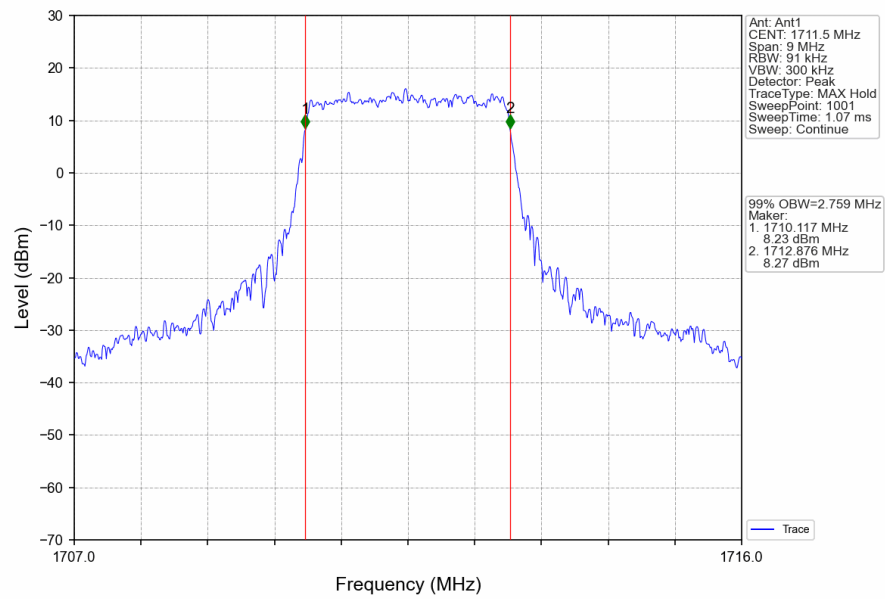
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



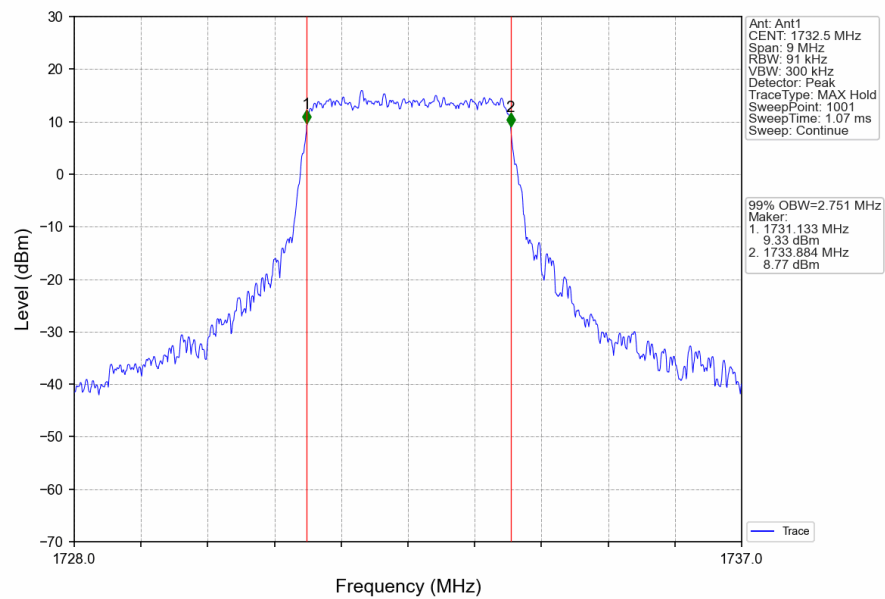
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



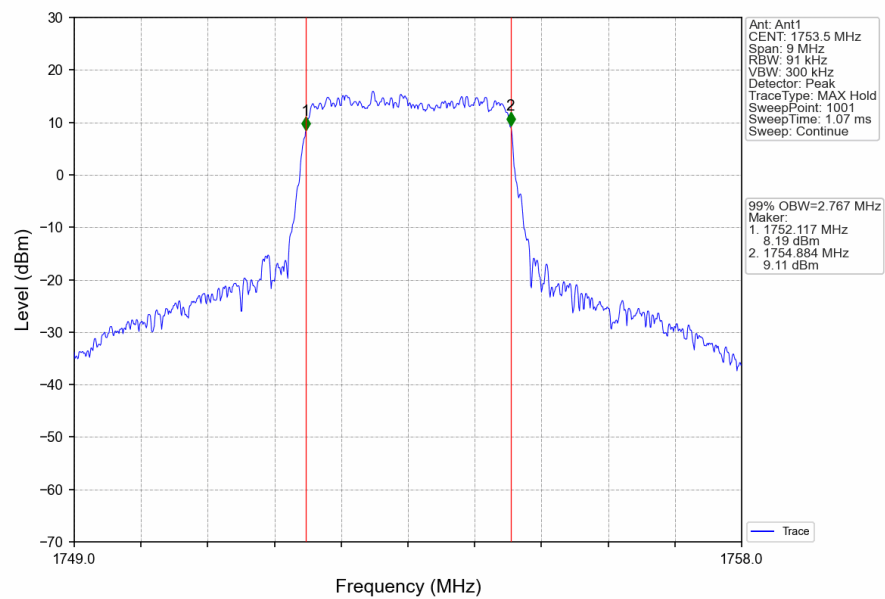
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



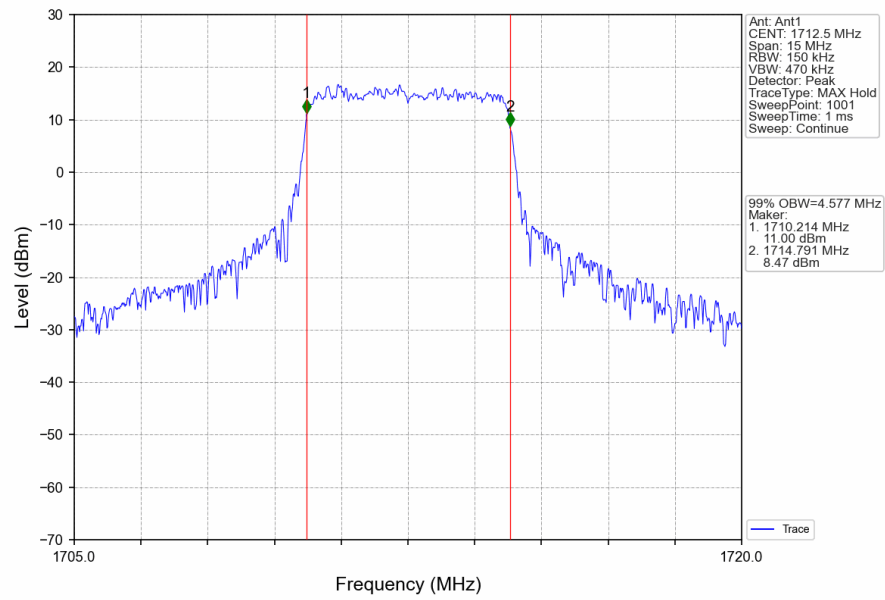
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



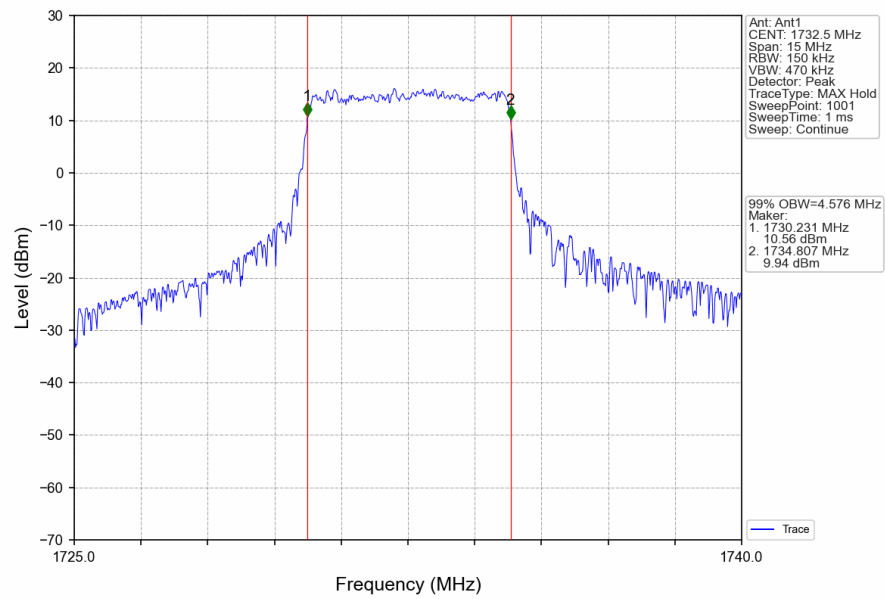
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



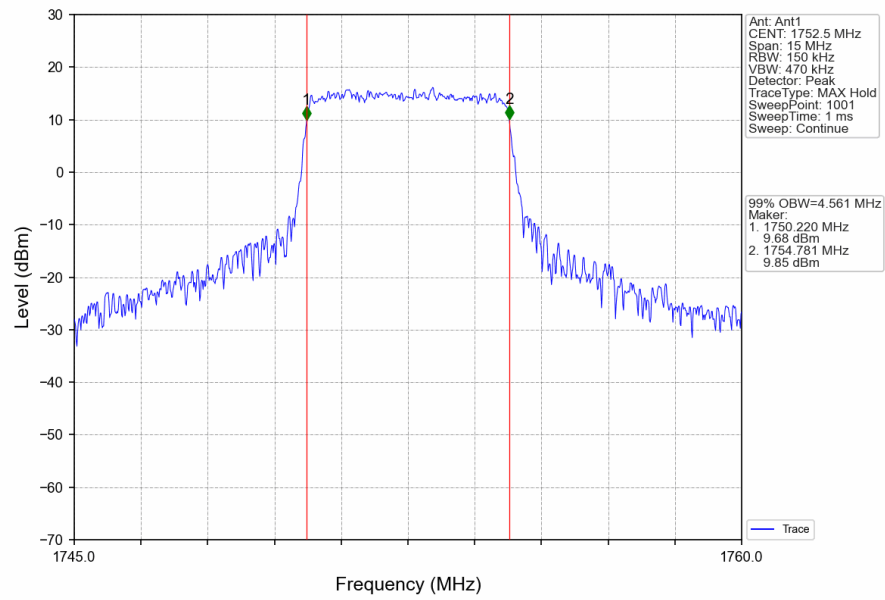
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



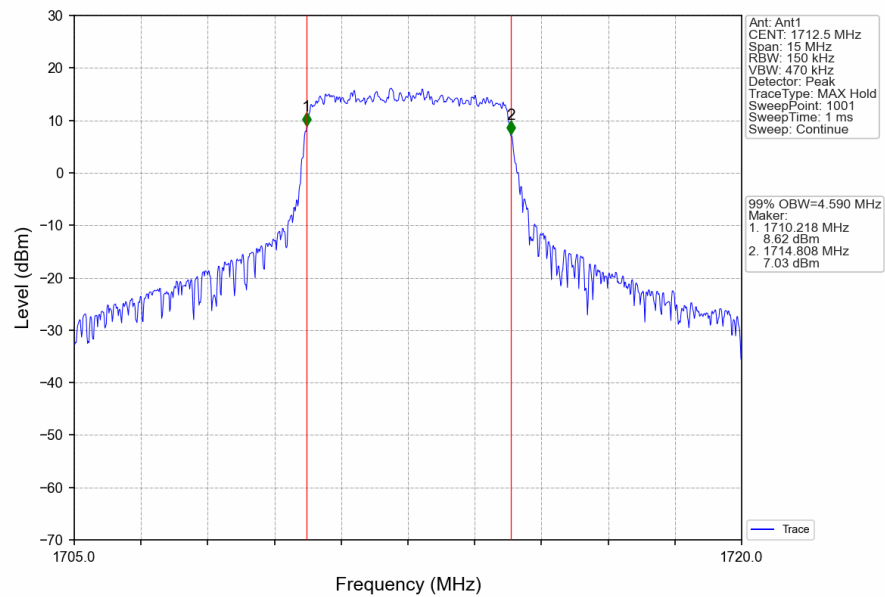
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



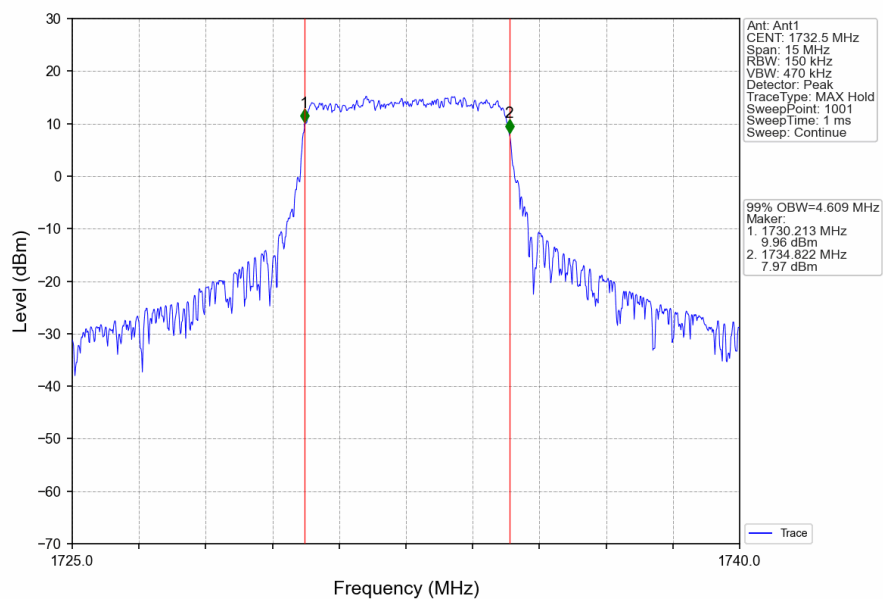
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



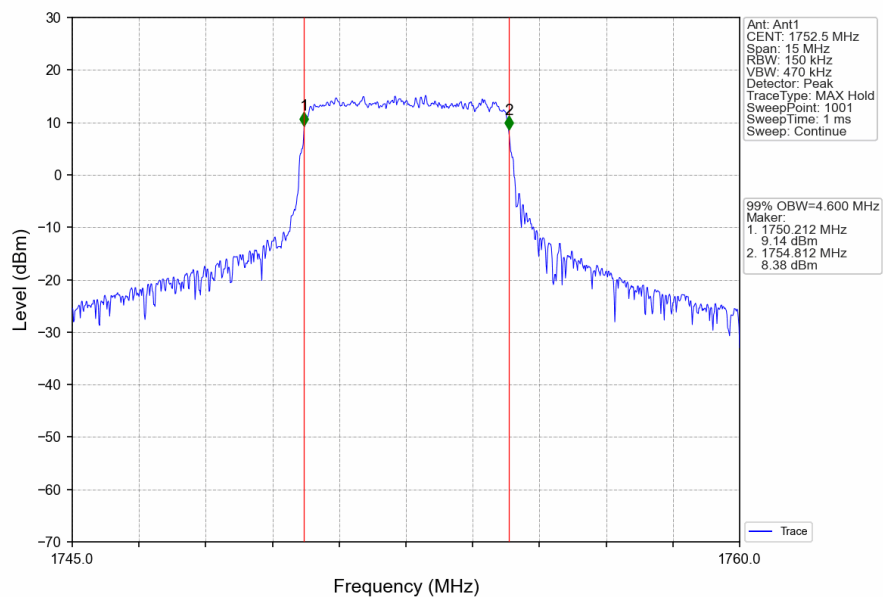
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



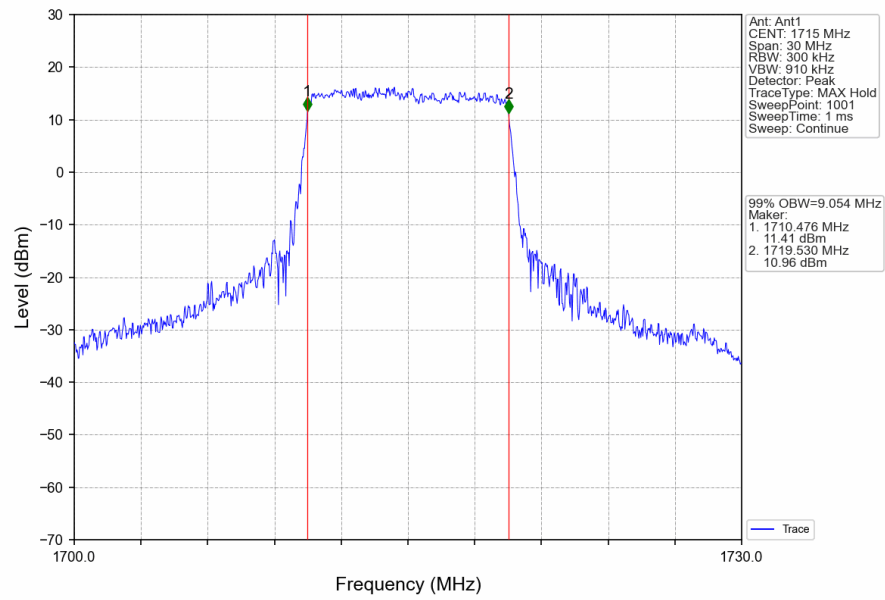
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



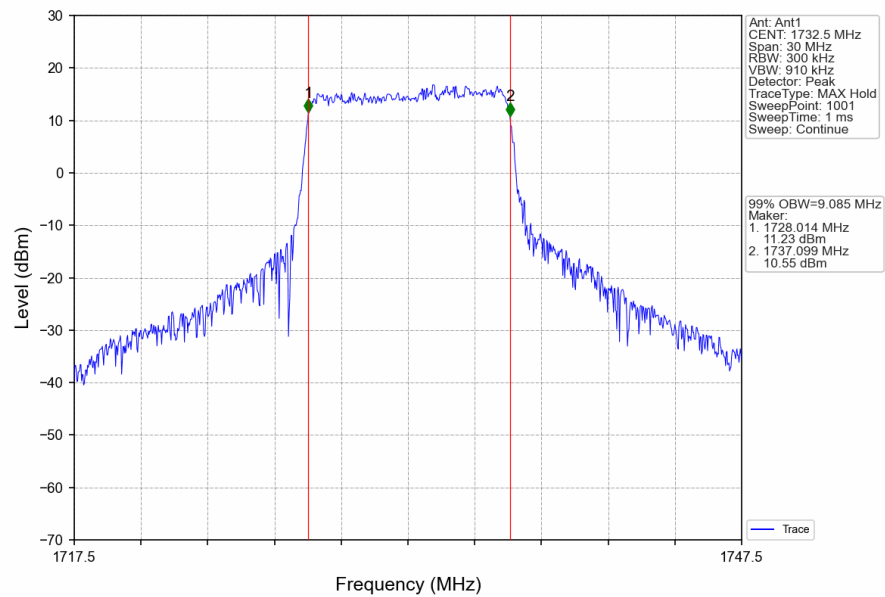
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



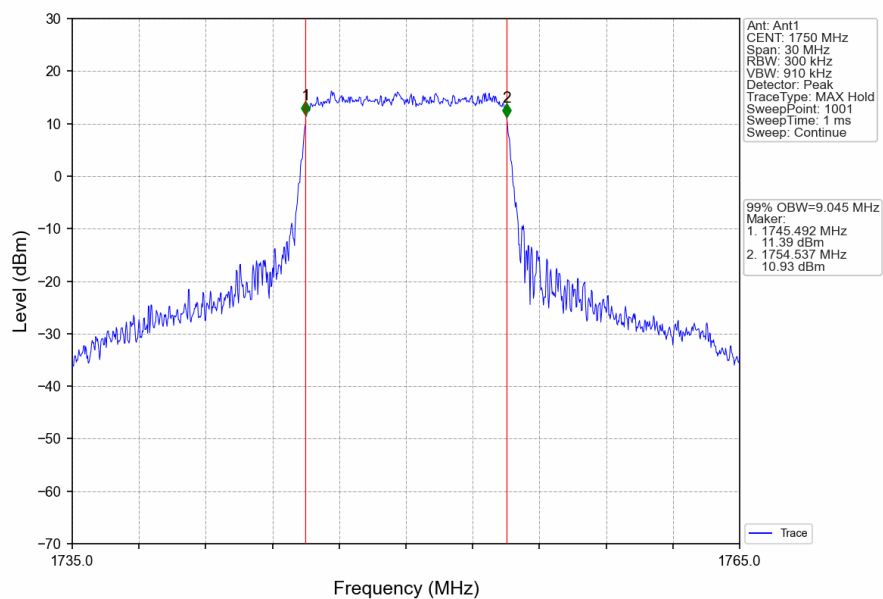
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



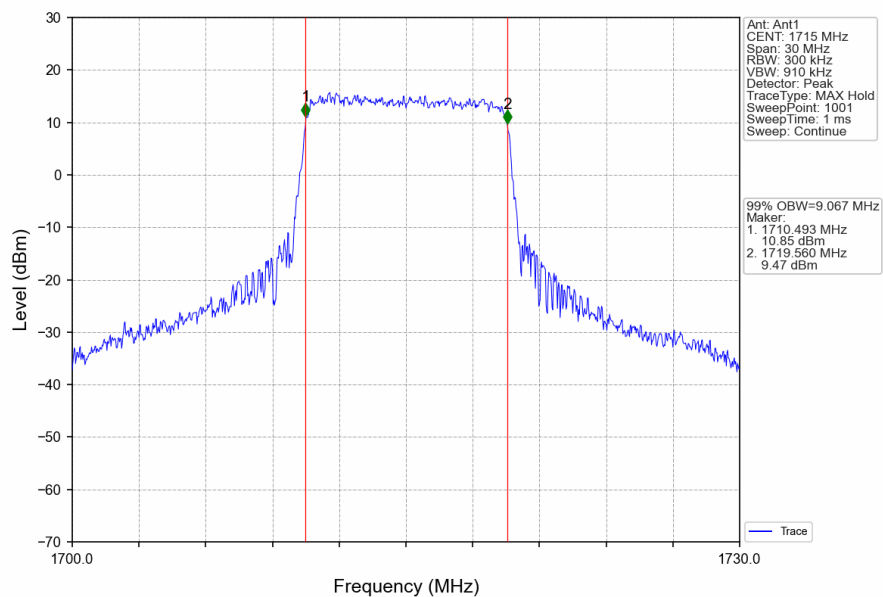
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



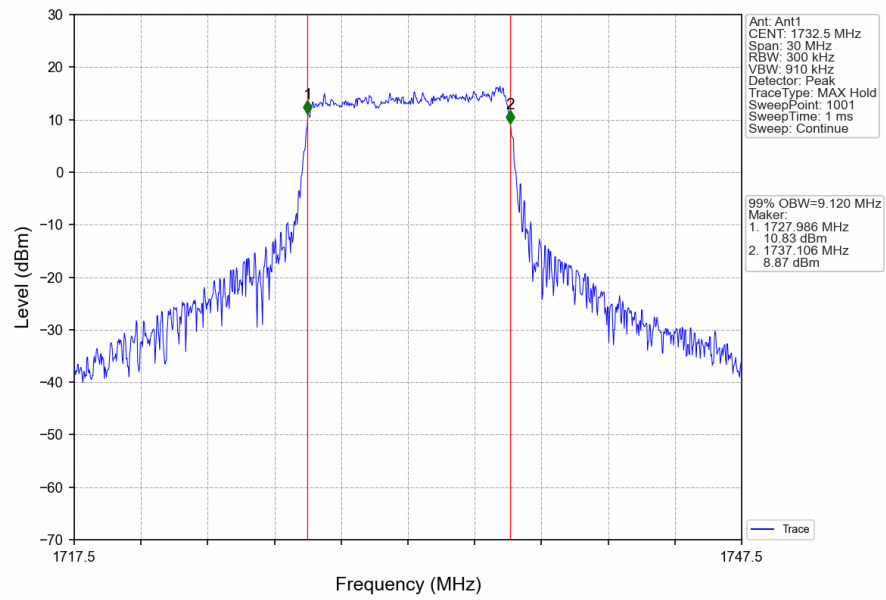
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



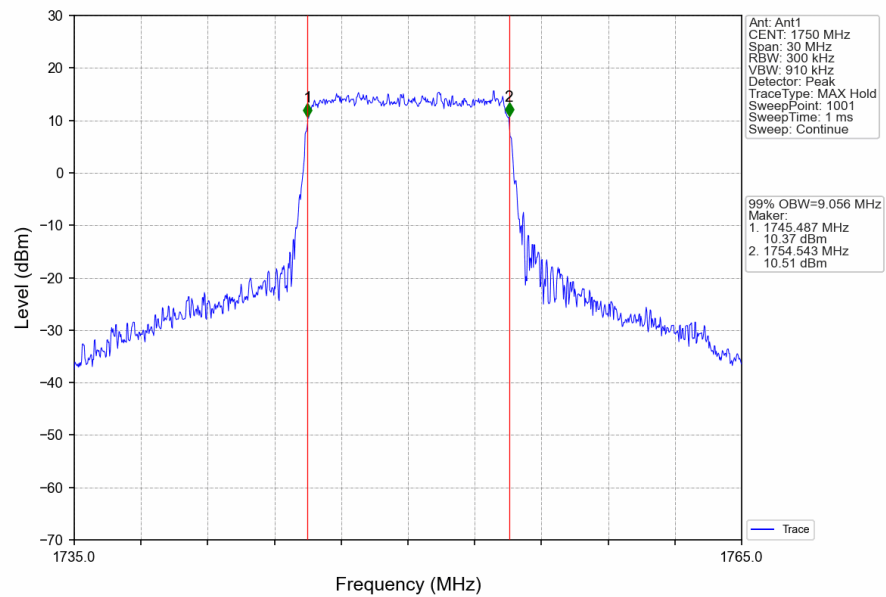
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



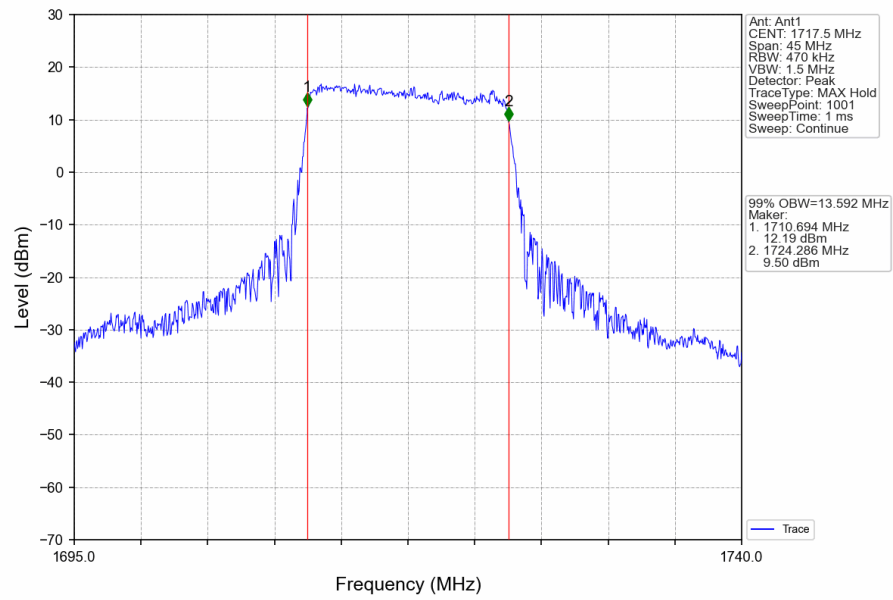
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



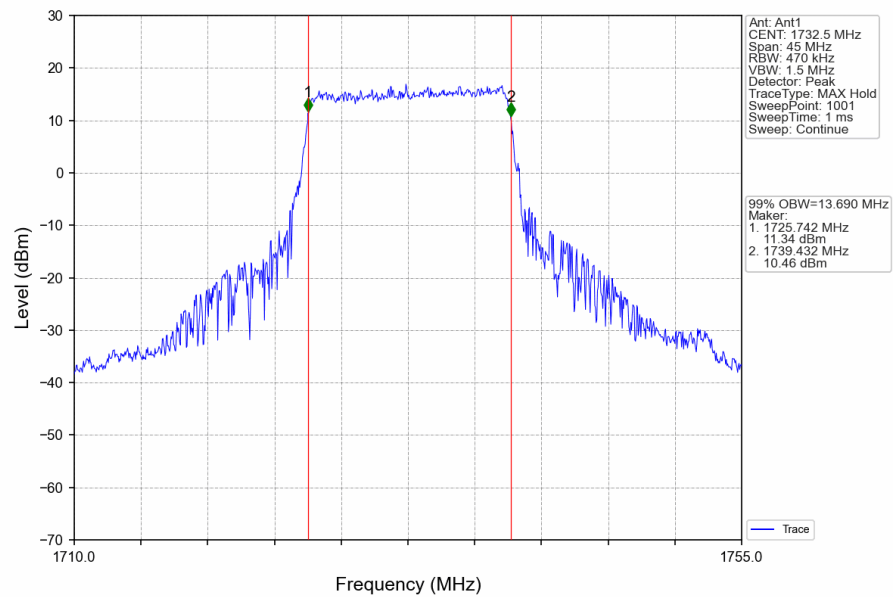
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



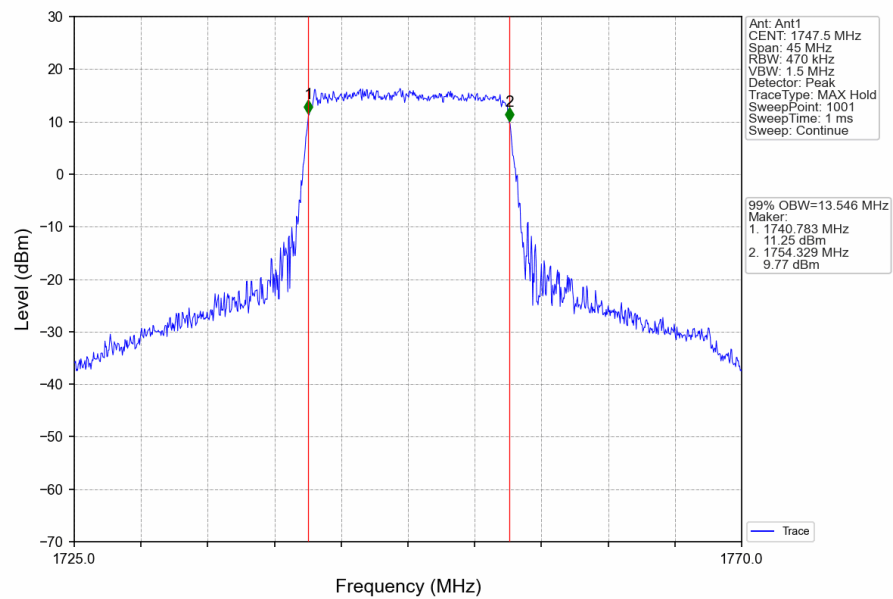
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



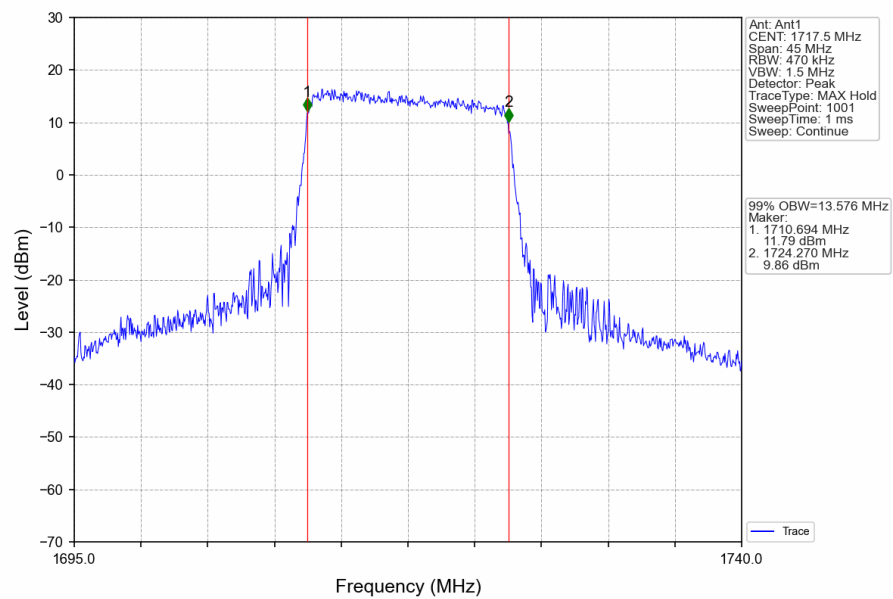
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



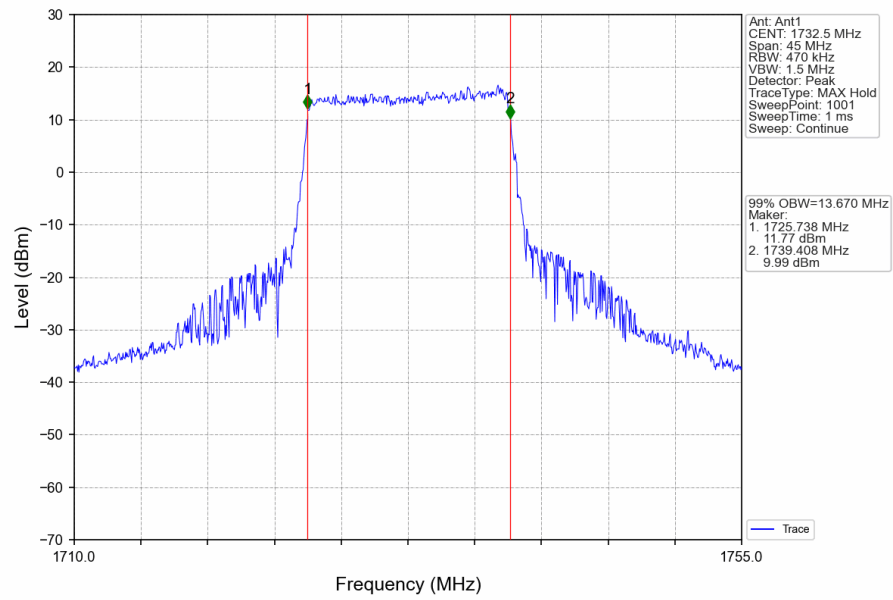
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



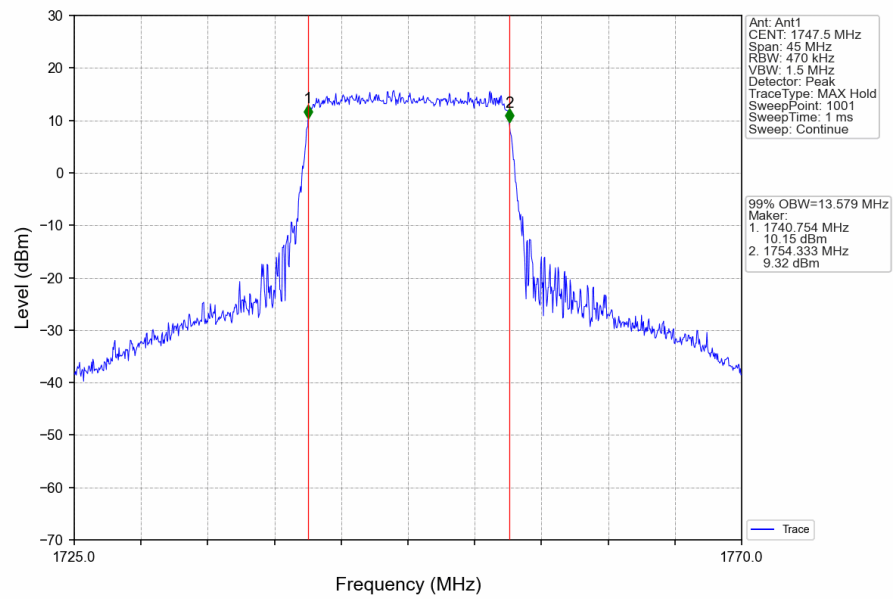
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



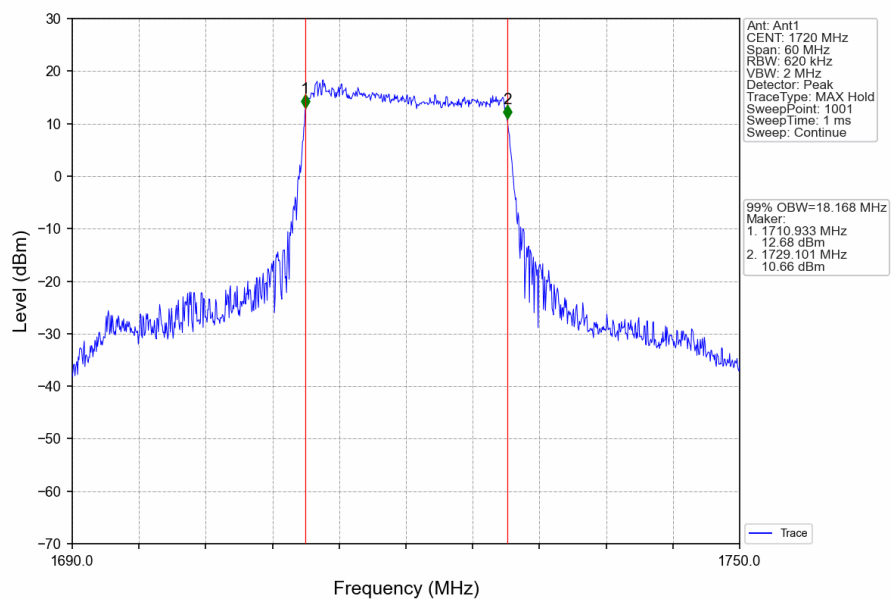
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



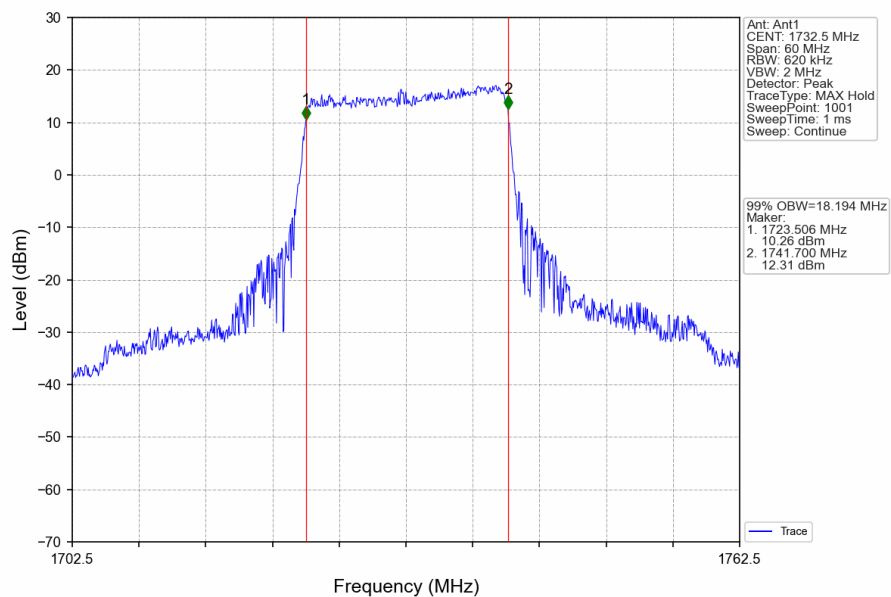
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



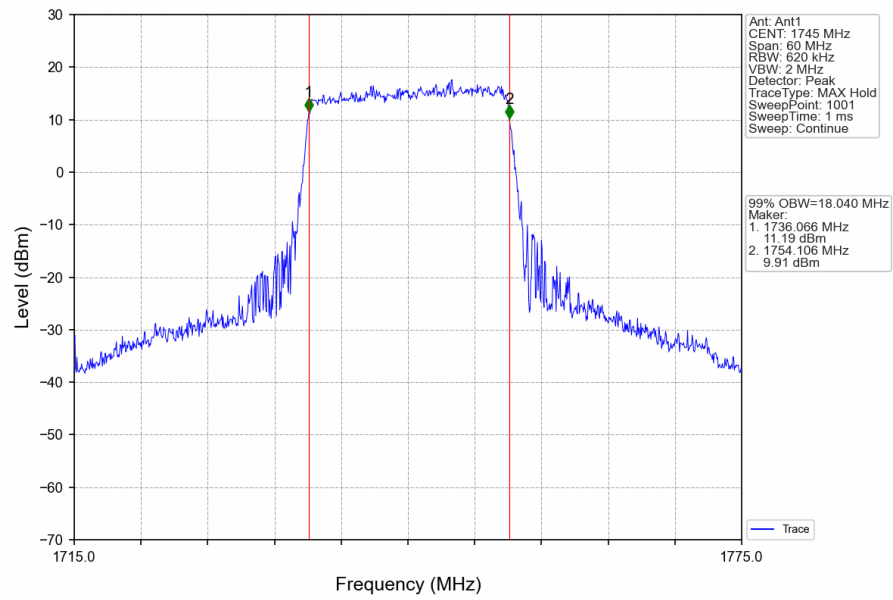
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



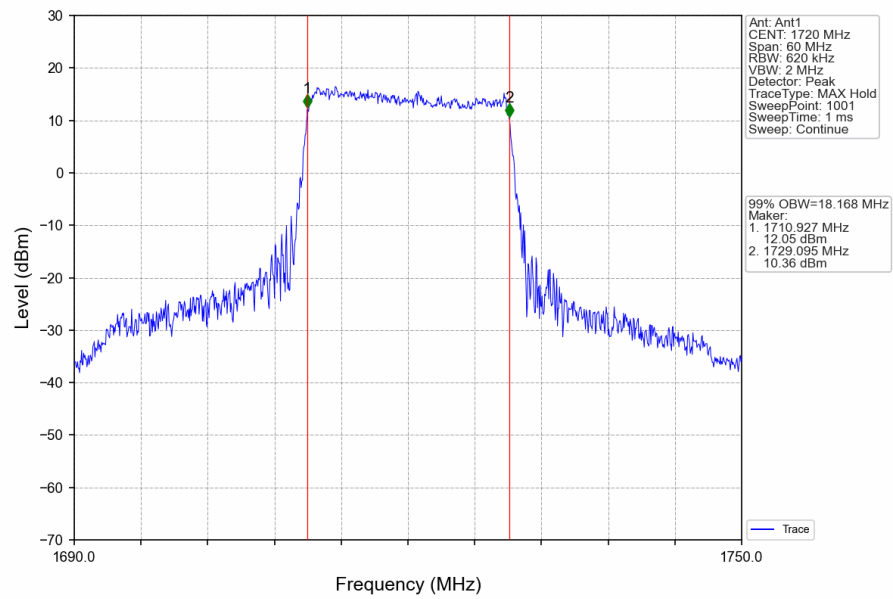
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



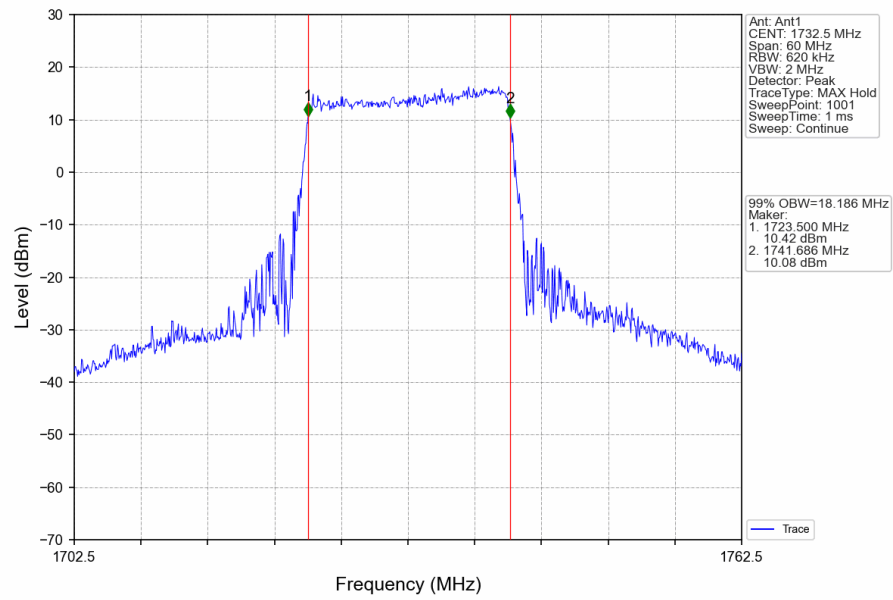
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



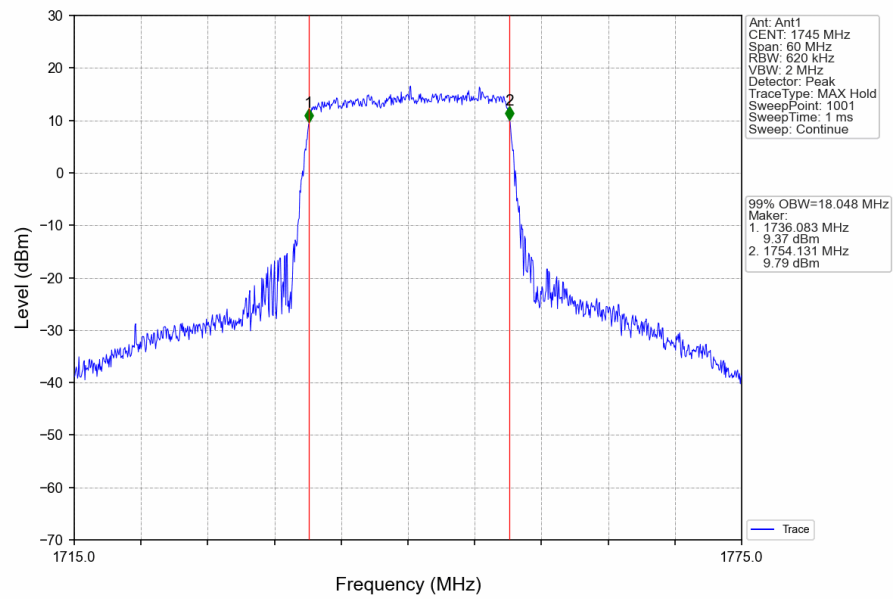
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

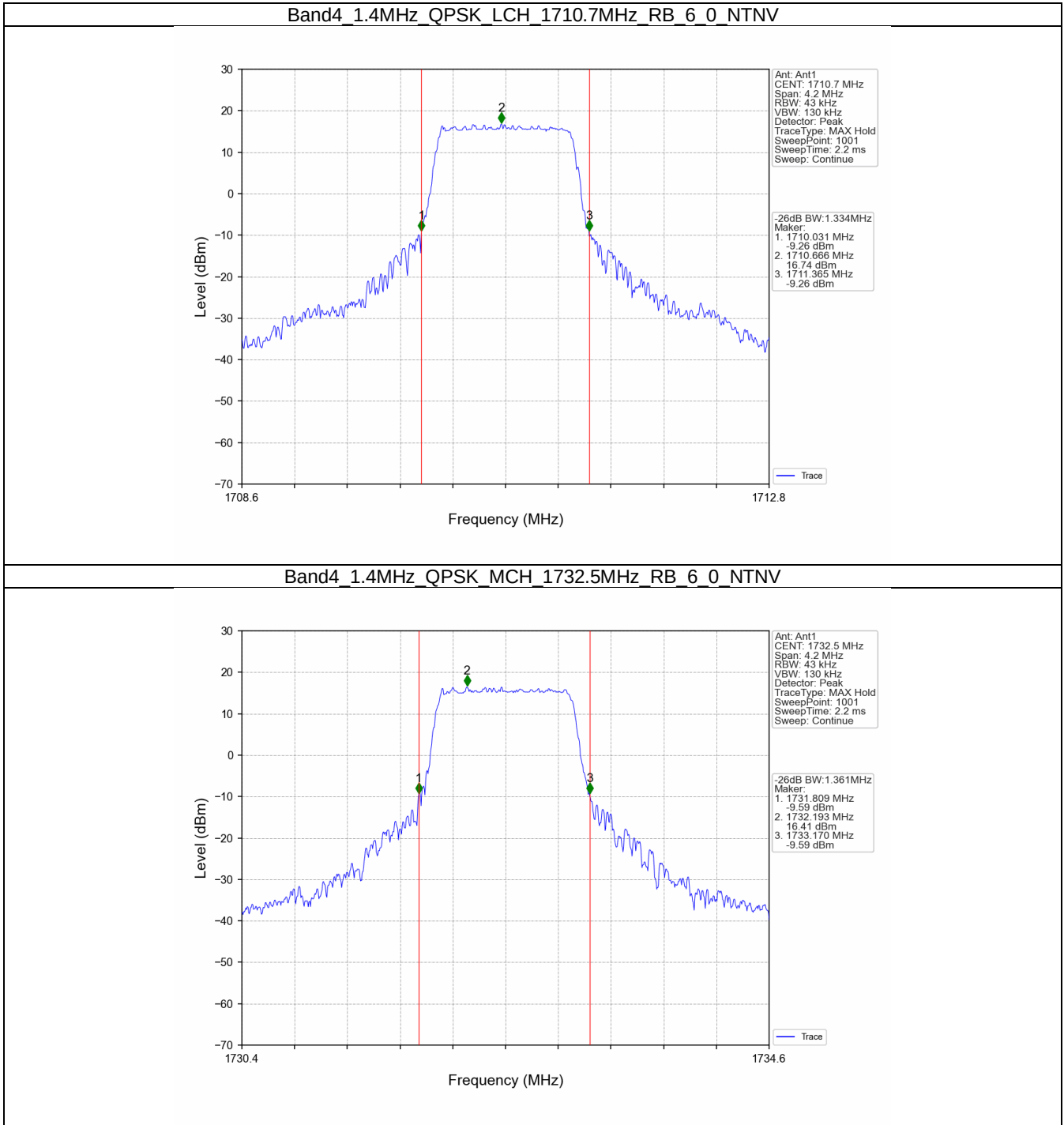


3.2 Band4_XDB

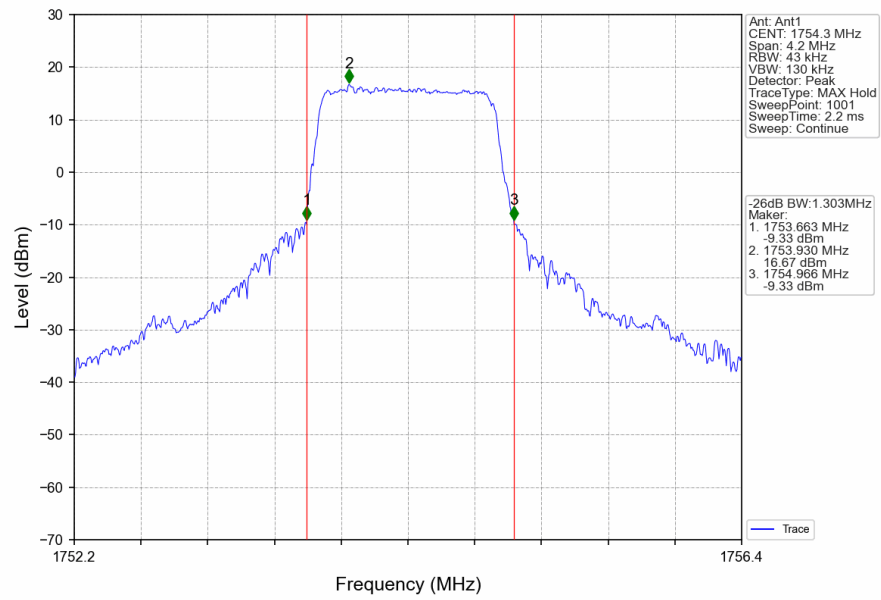
3.2.1 Test Result

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.334	Pass
		1732.5	6	0	1.361	Pass
		1754.3	6	0	1.303	Pass
	16QAM	1710.7	6	0	1.312	Pass
		1732.5	6	0	1.334	Pass
		1754.3	6	0	1.319	Pass
3	QPSK	1711.5	15	0	3.145	Pass
		1732.5	15	0	3.166	Pass
		1753.5	15	0	3.173	Pass
	16QAM	1711.5	15	0	3.220	Pass
		1732.5	15	0	3.124	Pass
		1753.5	15	0	3.125	Pass
5	QPSK	1712.5	25	0	5.495	Pass
		1732.5	25	0	6.021	Pass
		1752.5	25	0	5.546	Pass
	16QAM	1712.5	25	0	5.549	Pass
		1732.5	25	0	5.807	Pass
		1752.5	25	0	5.580	Pass
10	QPSK	1715	50	0	10.295	Pass
		1732.5	50	0	10.269	Pass
		1750	50	0	10.458	Pass
	16QAM	1715	50	0	10.060	Pass
		1732.5	50	0	10.927	Pass
		1750	50	0	10.223	Pass
15	QPSK	1717.5	75	0	15.620	Pass
		1732.5	75	0	16.587	Pass
		1747.5	75	0	15.640	Pass
	16QAM	1717.5	75	0	15.373	Pass
		1732.5	75	0	15.267	Pass
		1747.5	75	0	15.659	Pass
20	QPSK	1720	100	0	20.290	Pass
		1732.5	100	0	21.191	Pass
		1745	100	0	20.135	Pass
	16QAM	1720	100	0	20.689	Pass
		1732.5	100	0	20.686	Pass
		1745	100	0	19.934	Pass

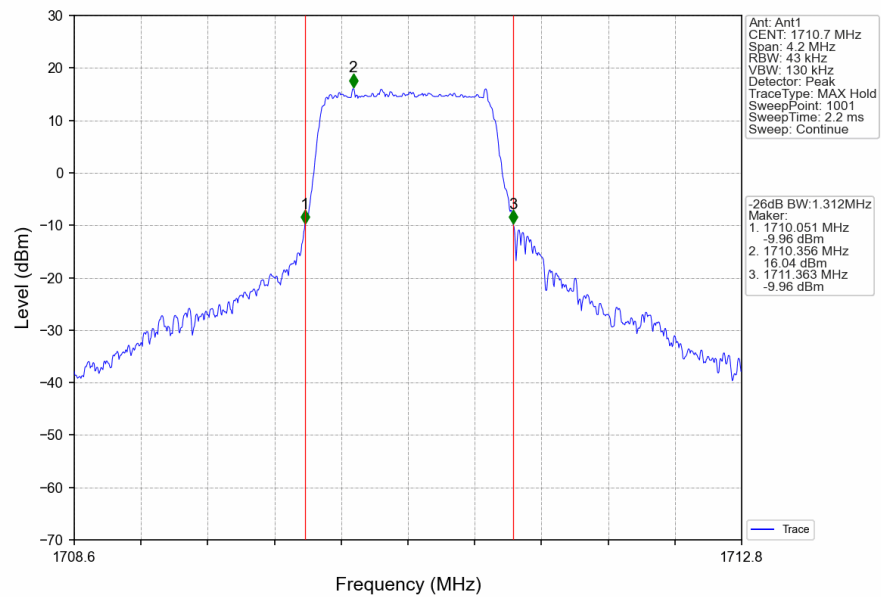
3.2.2 Test Graph



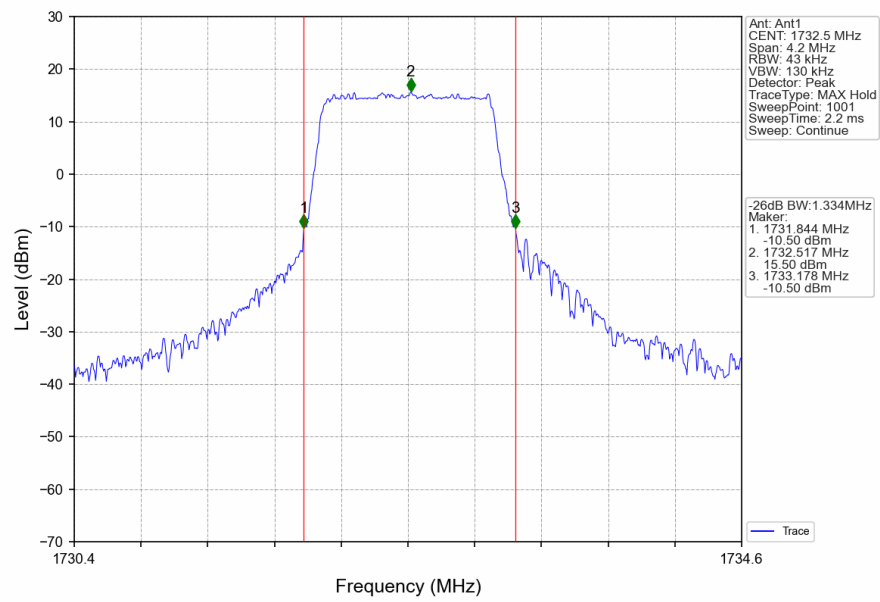
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



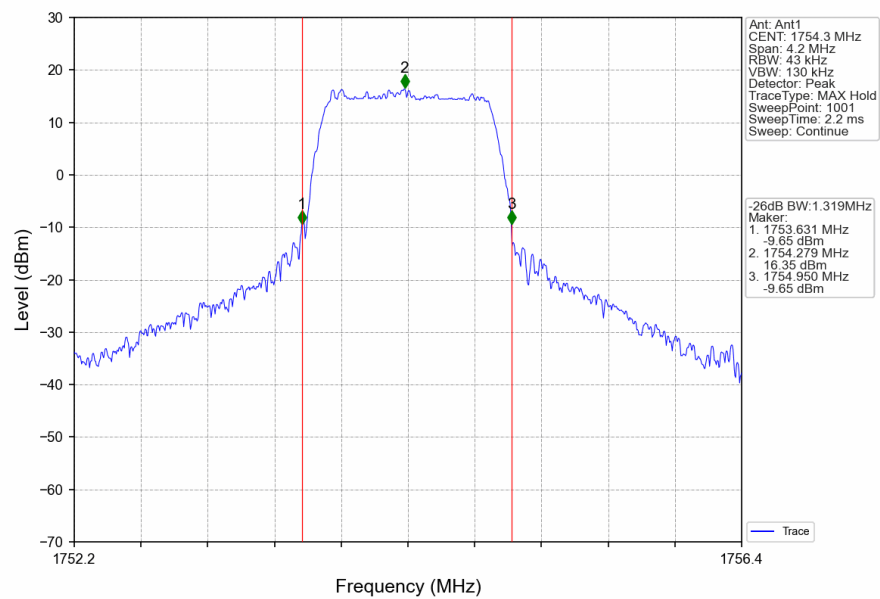
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



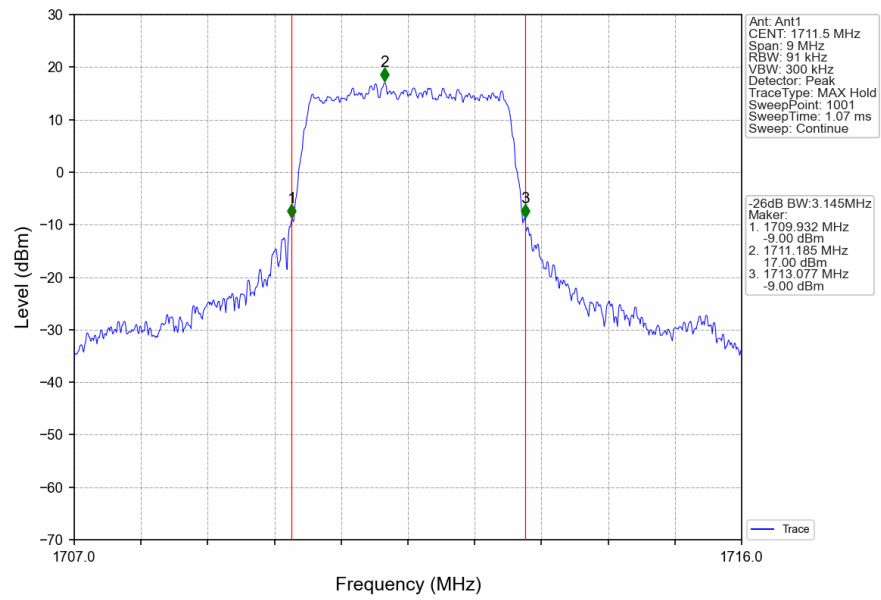
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



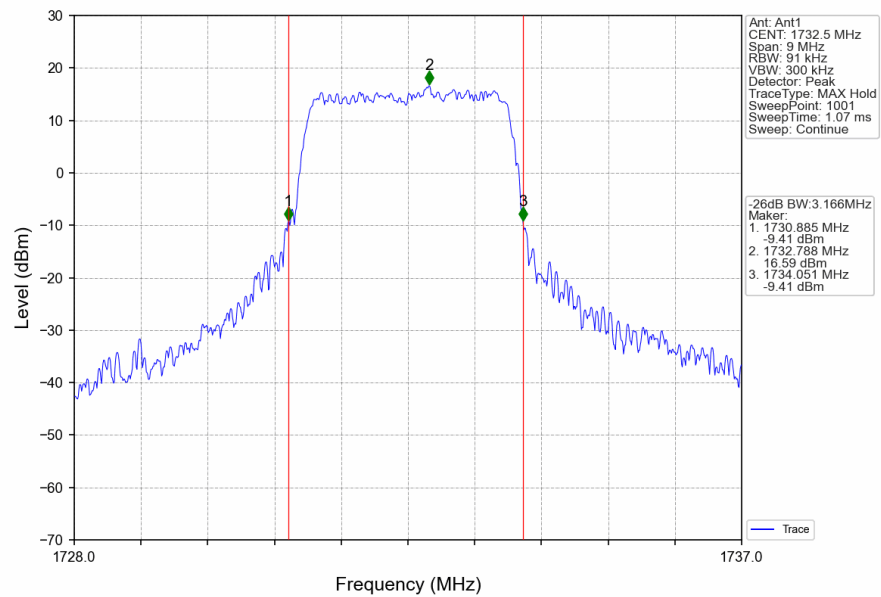
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



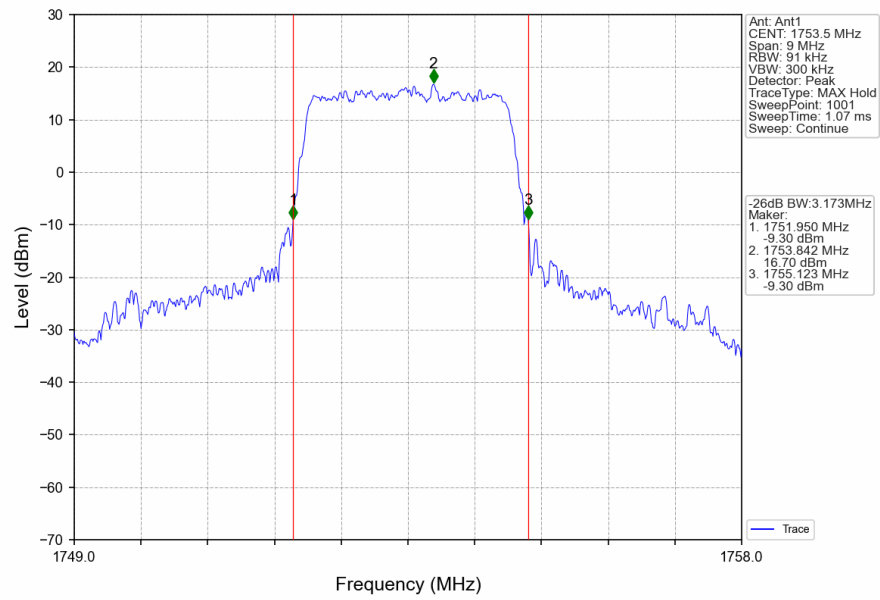
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



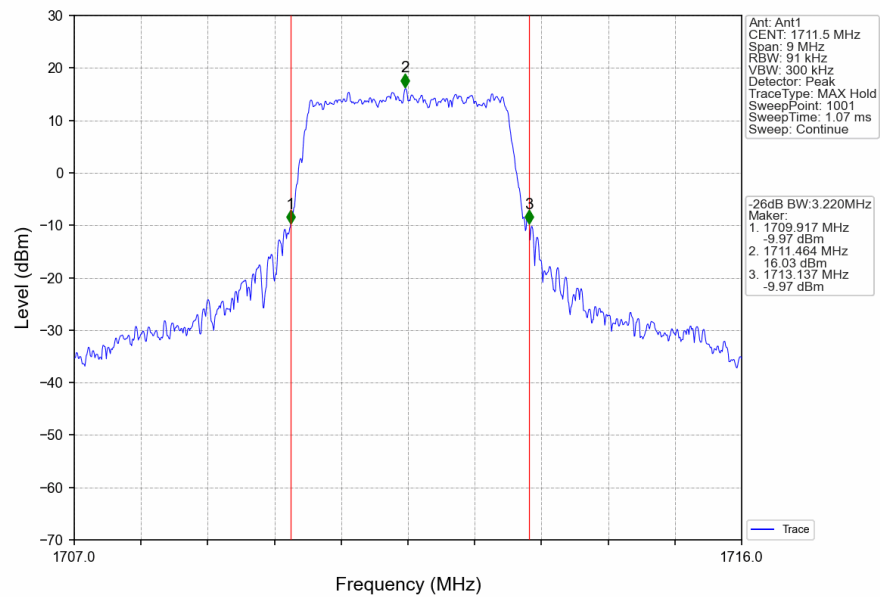
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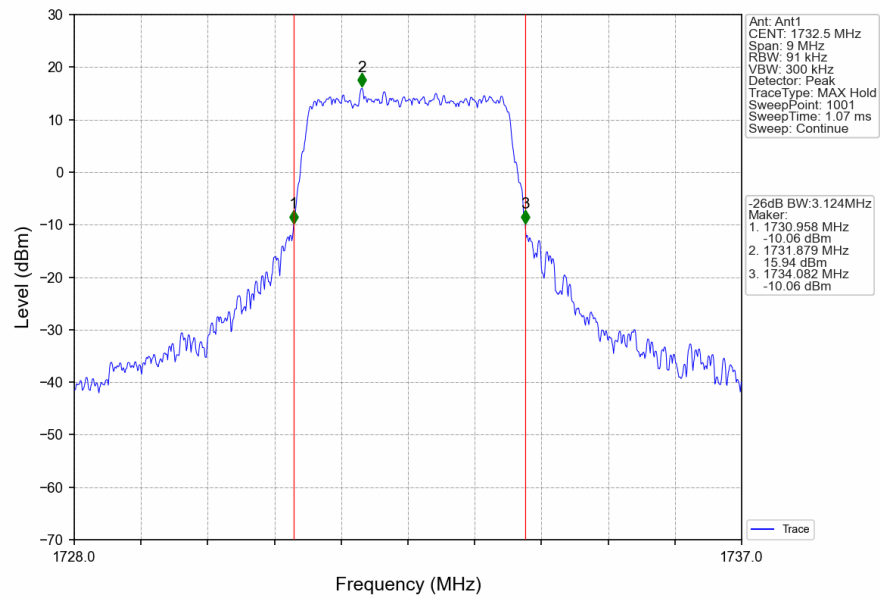
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



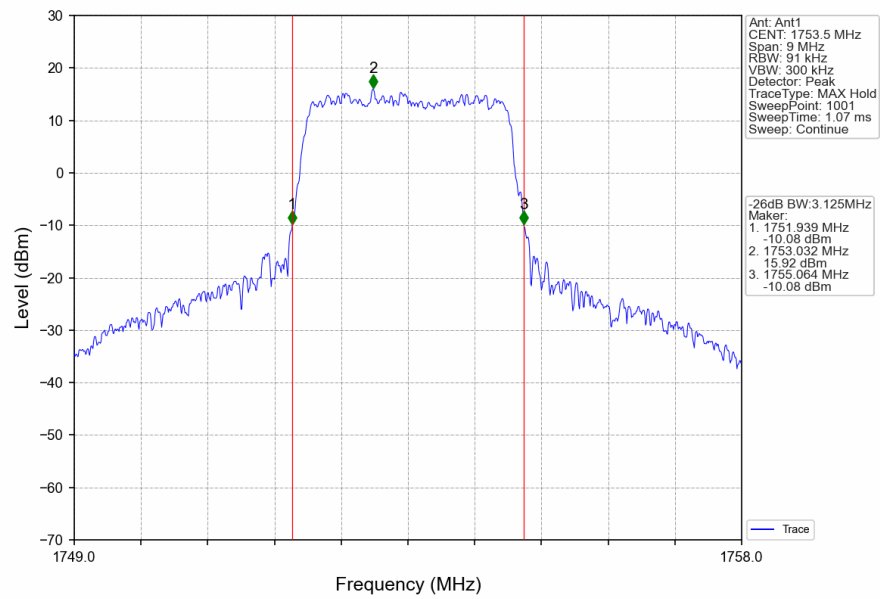
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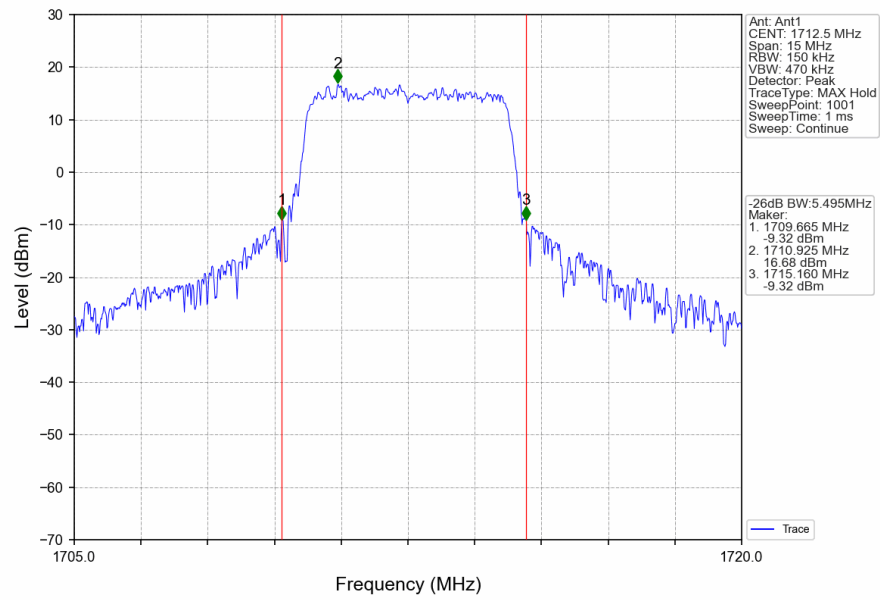
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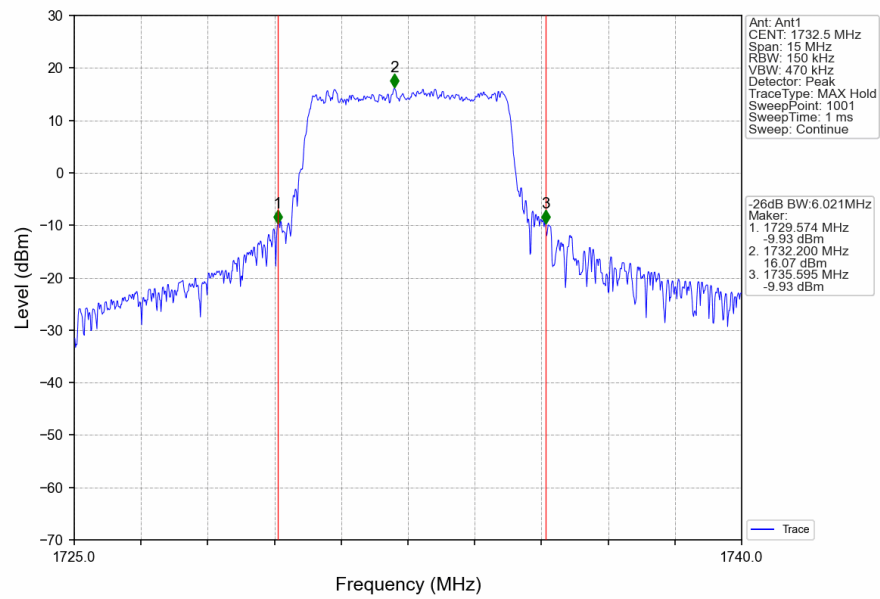
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



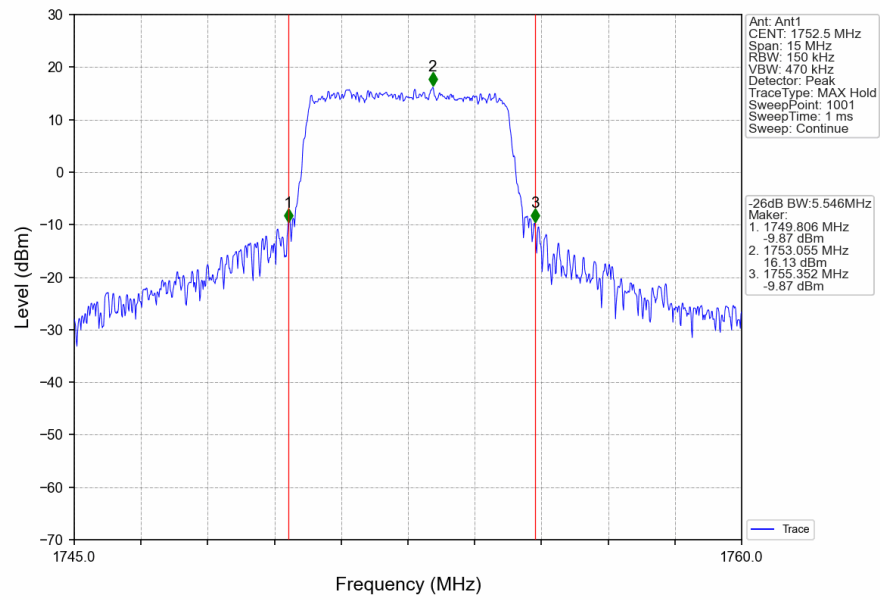
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



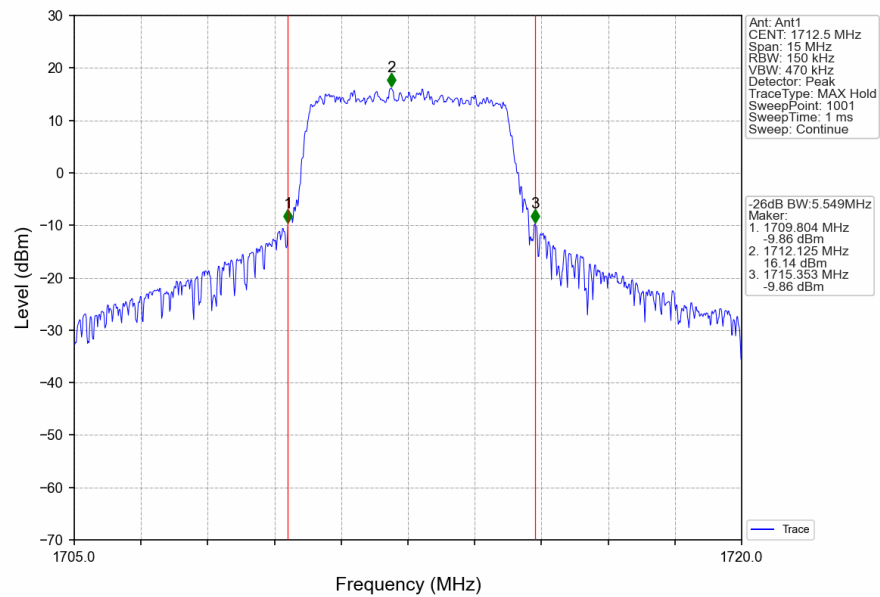
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



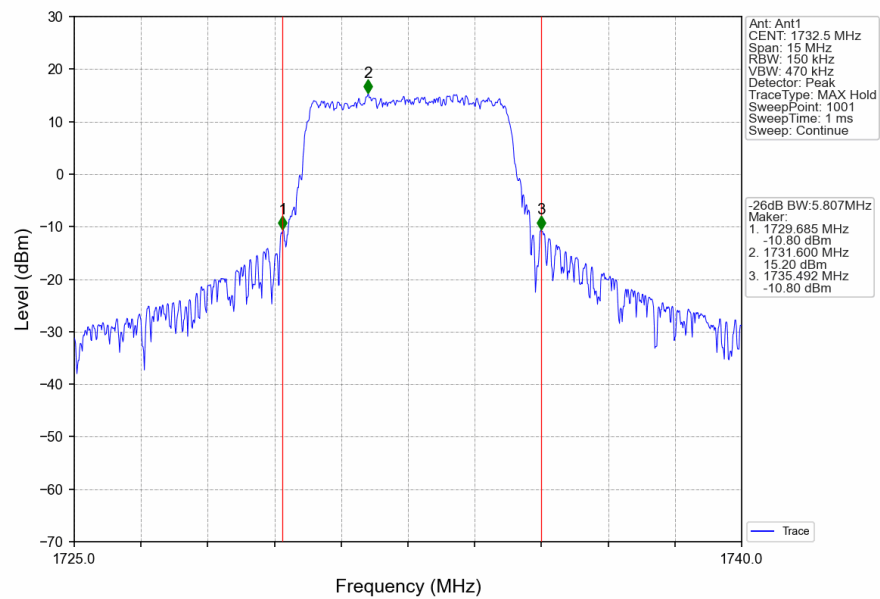
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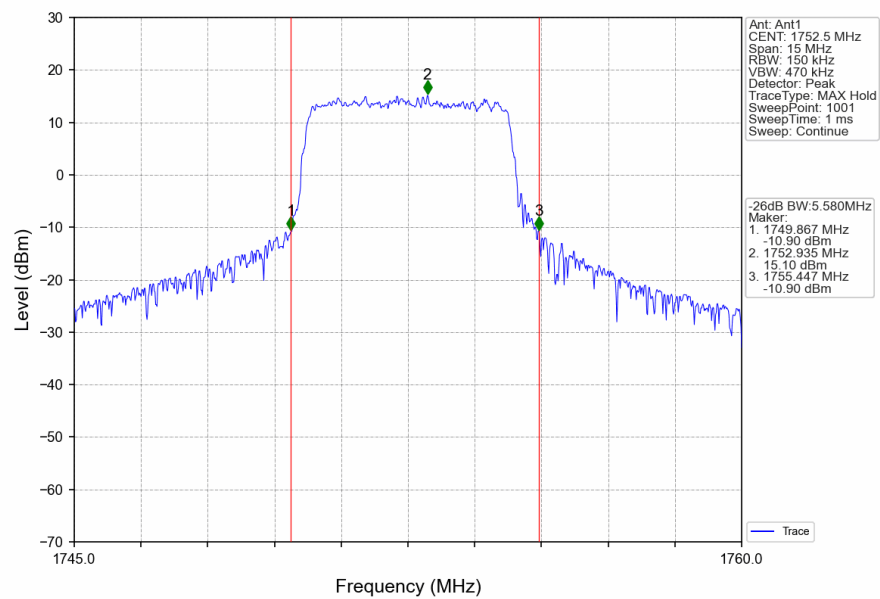
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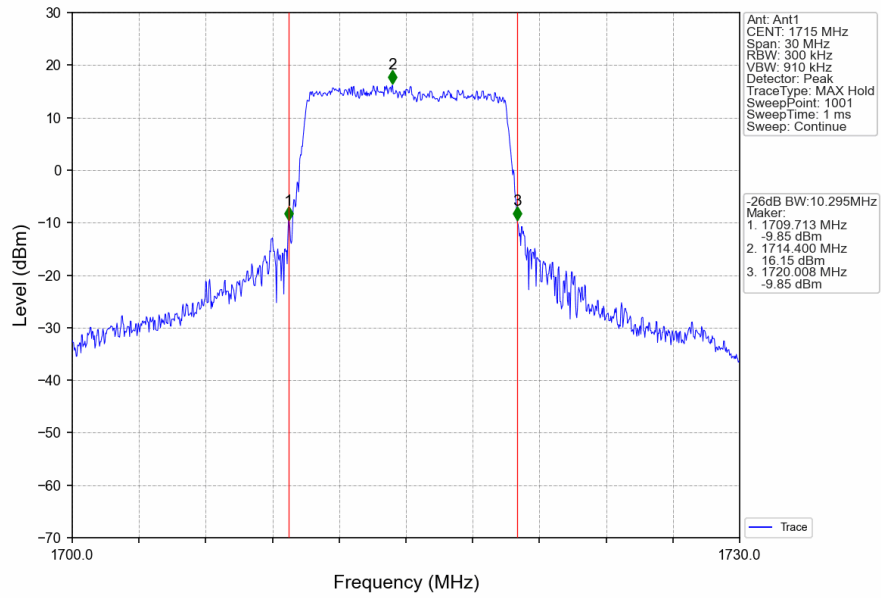
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



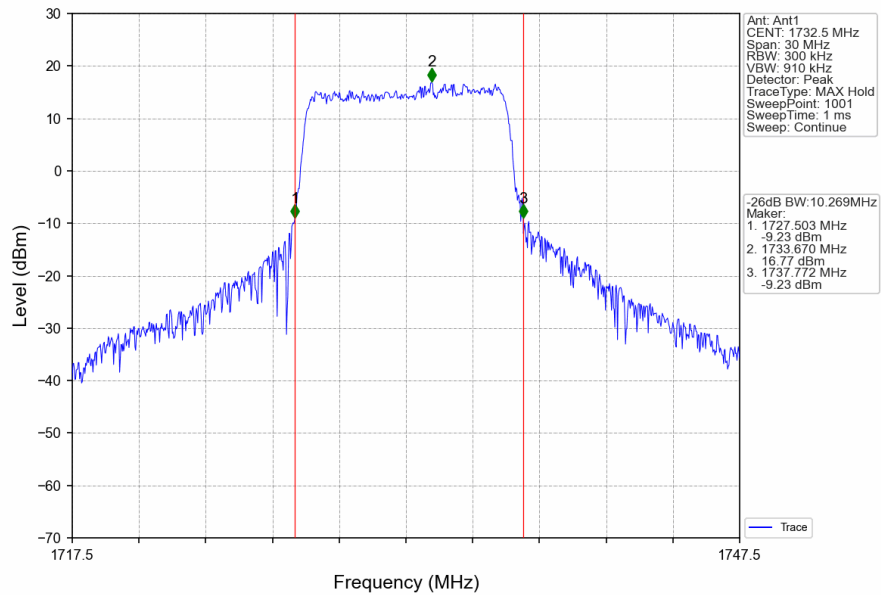
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



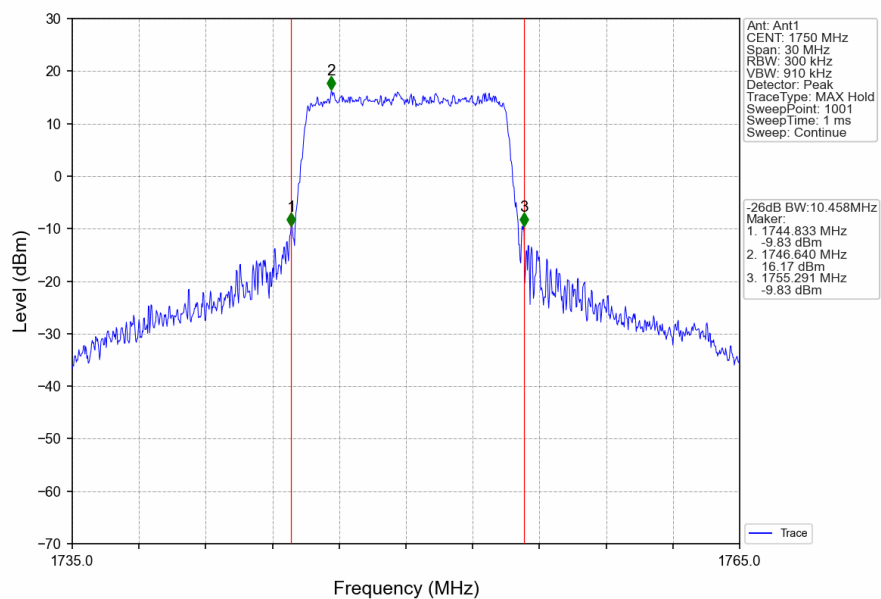
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



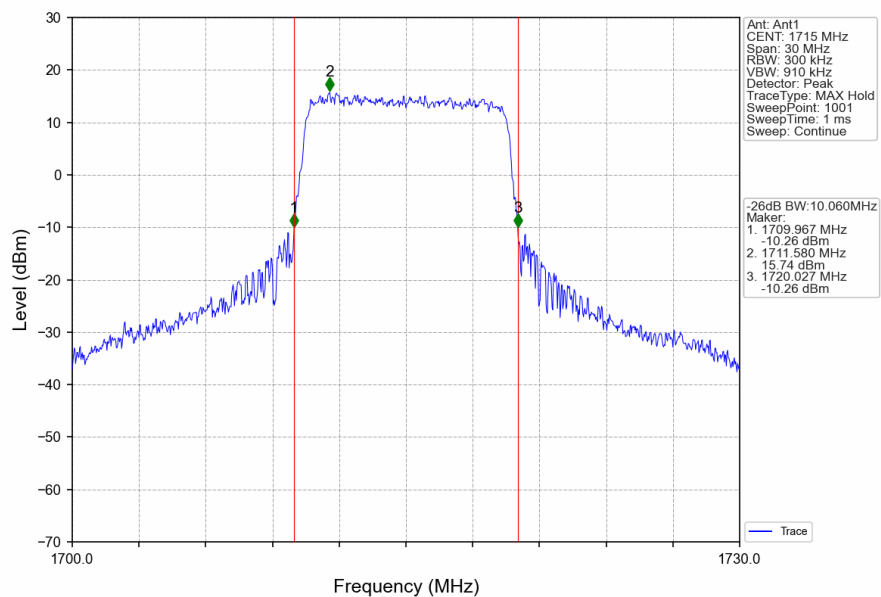
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



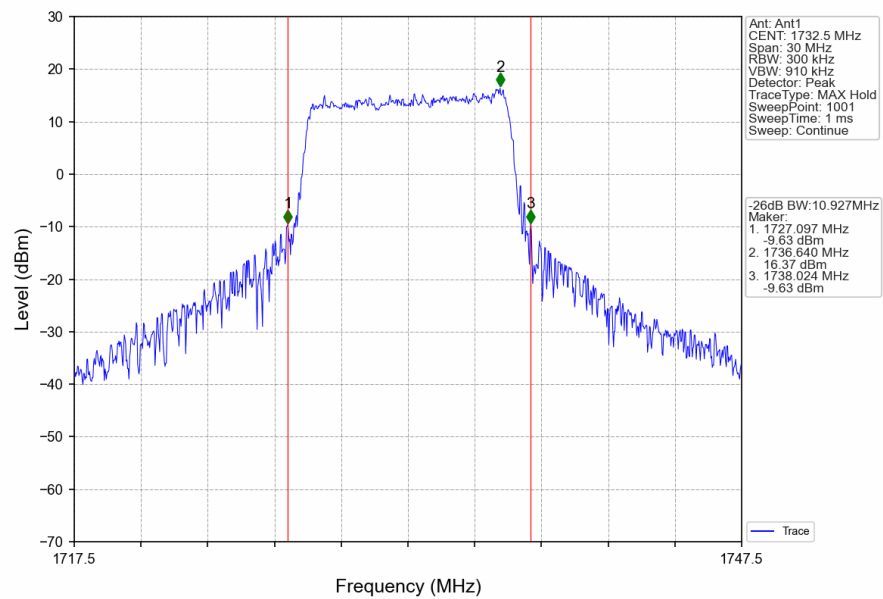
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



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

