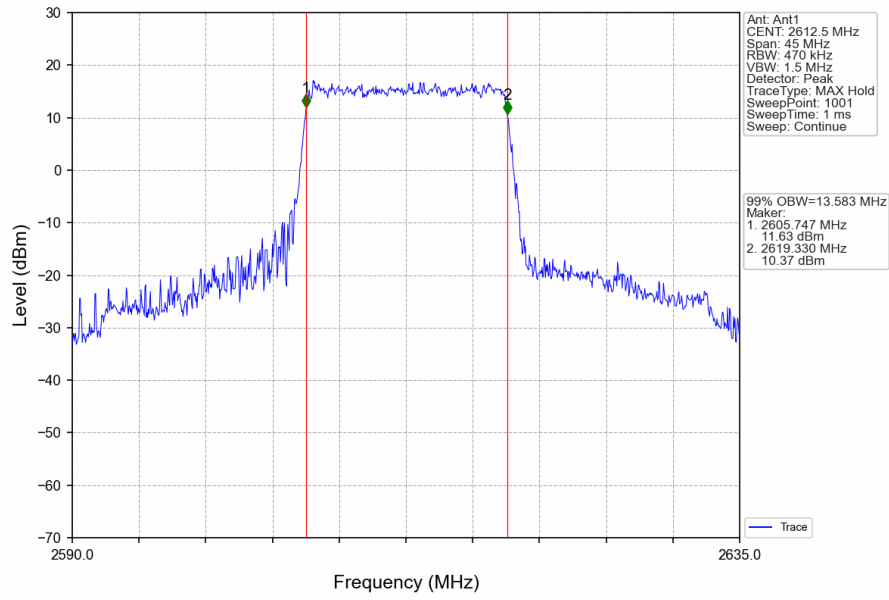
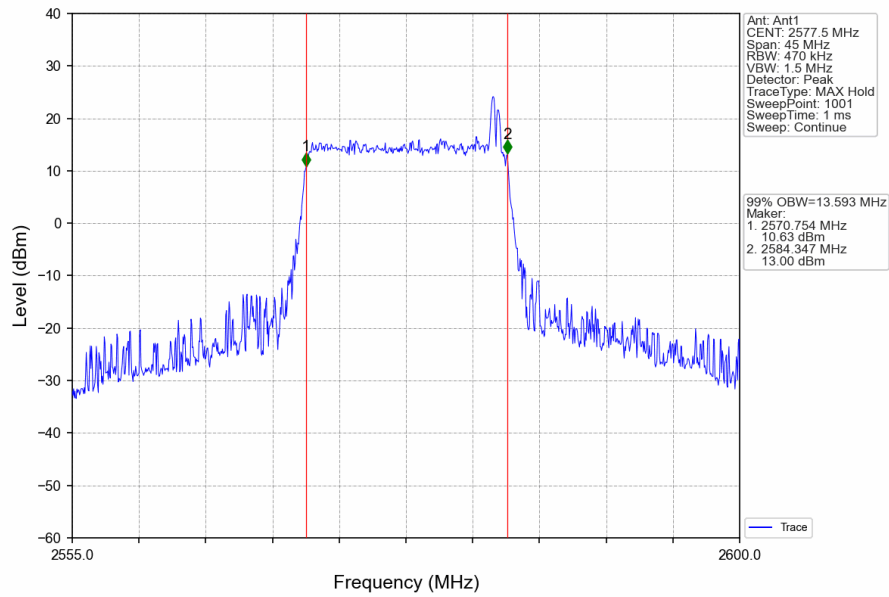


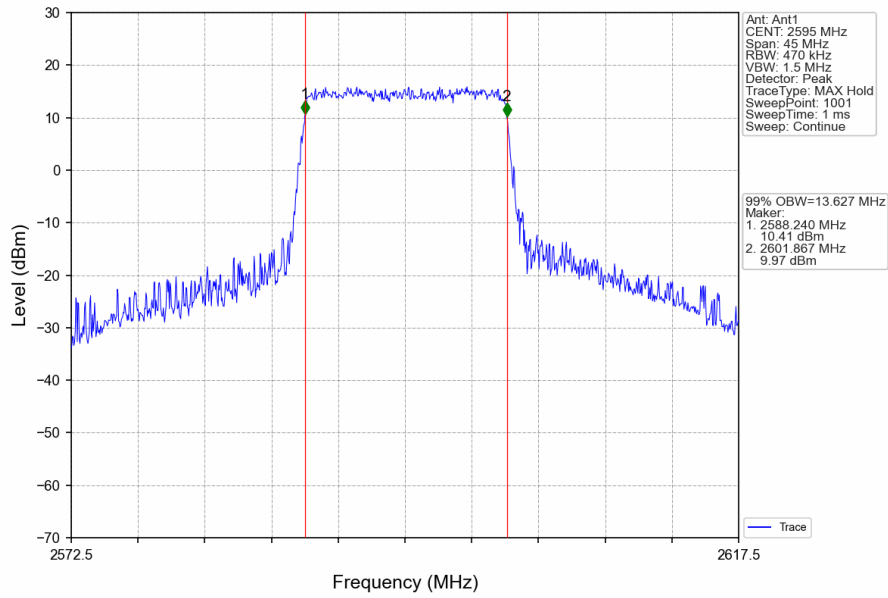
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



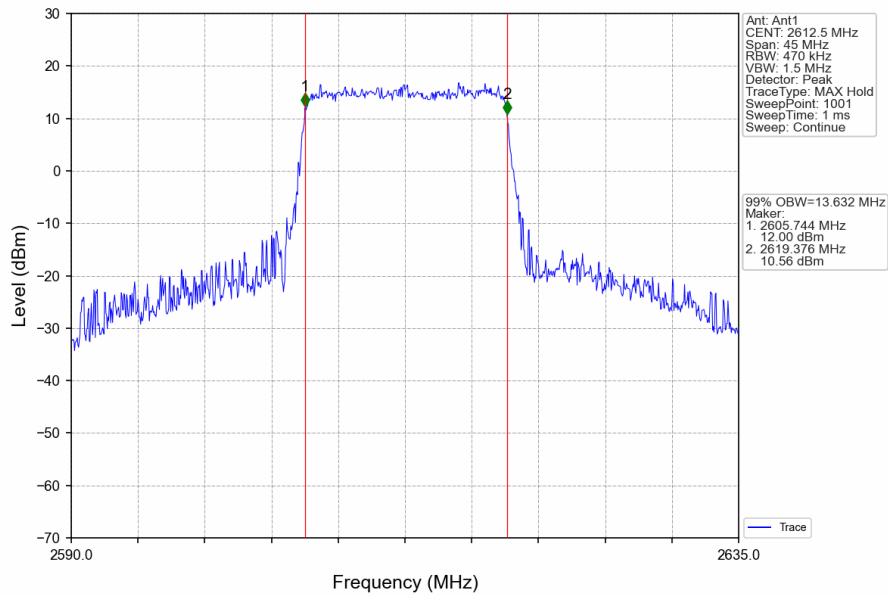
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



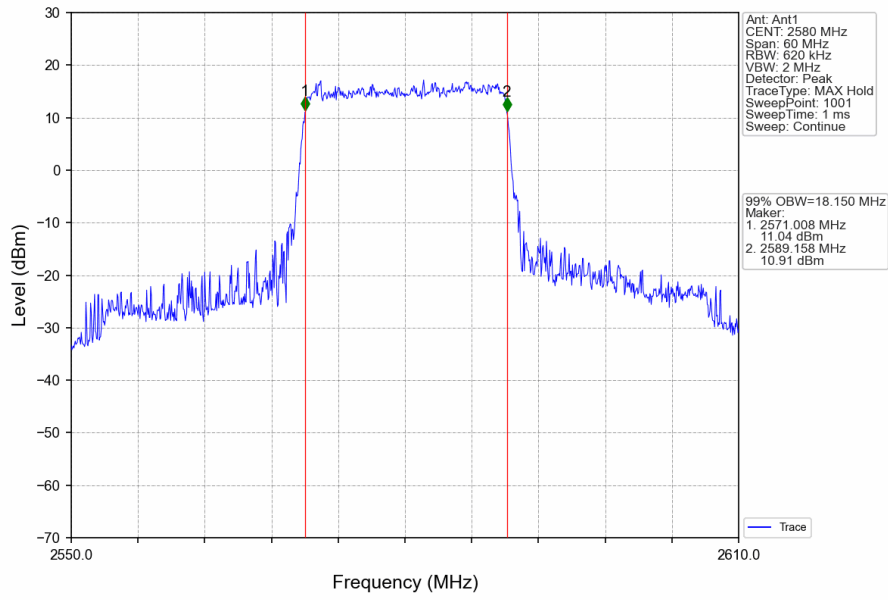
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



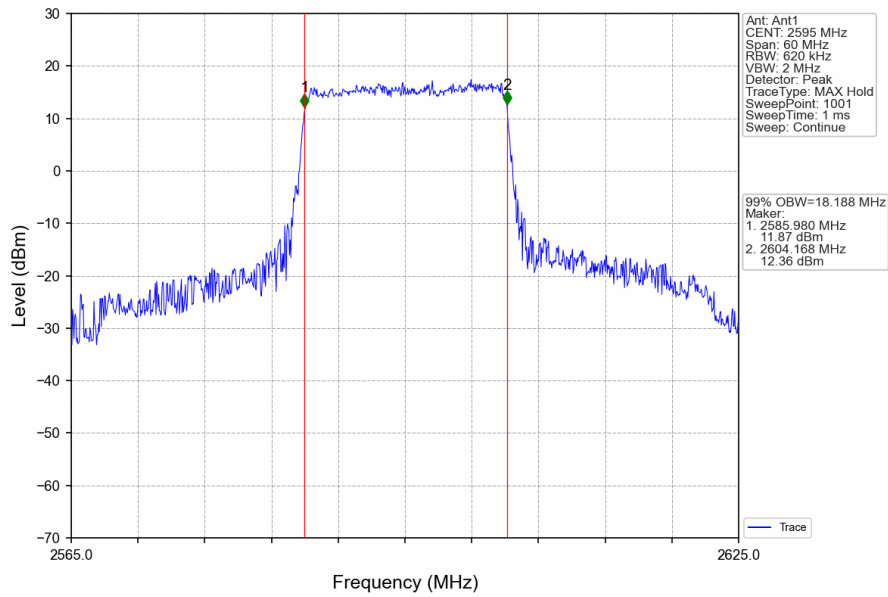
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



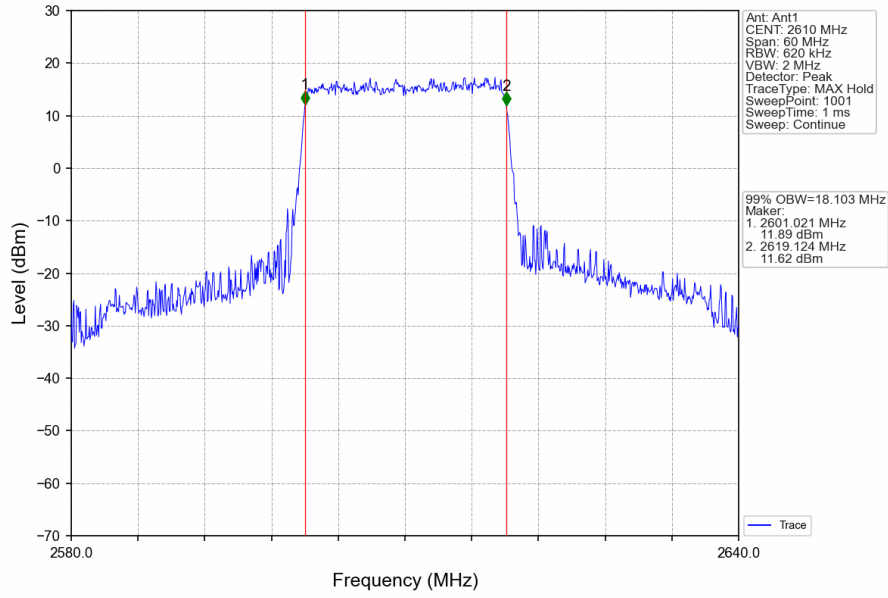
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



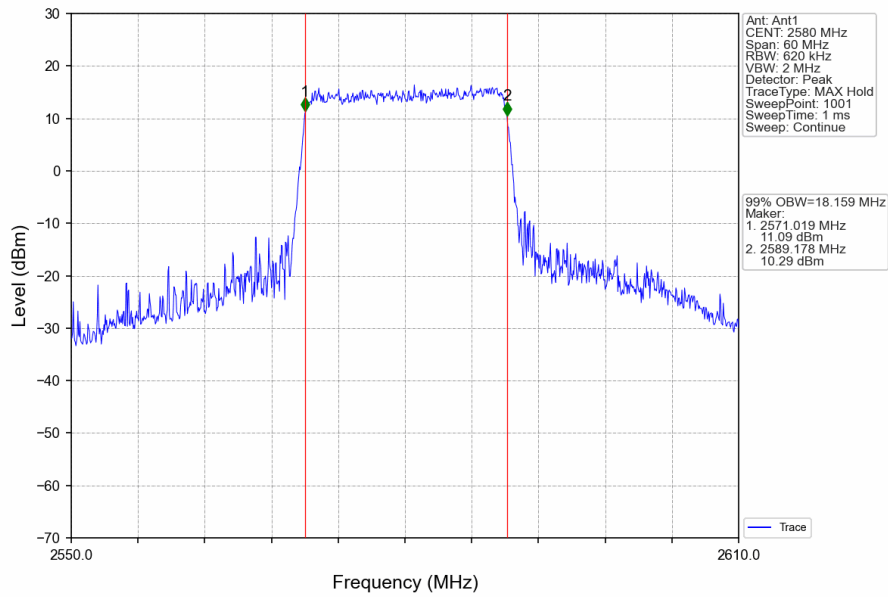
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



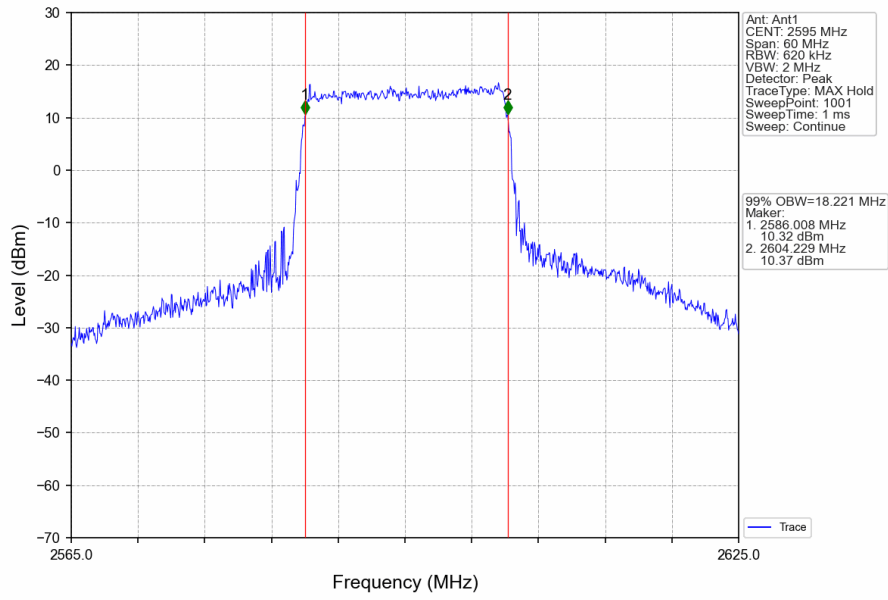
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



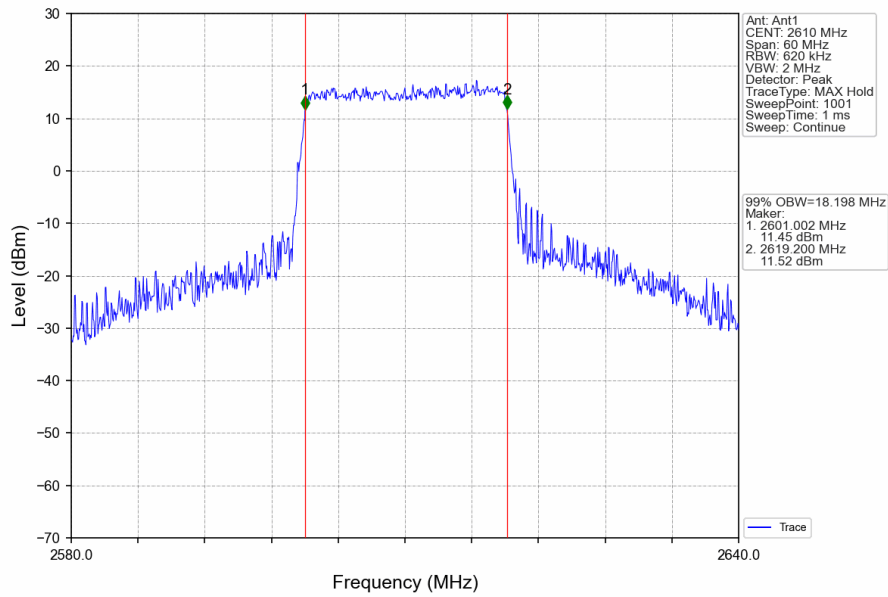
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV

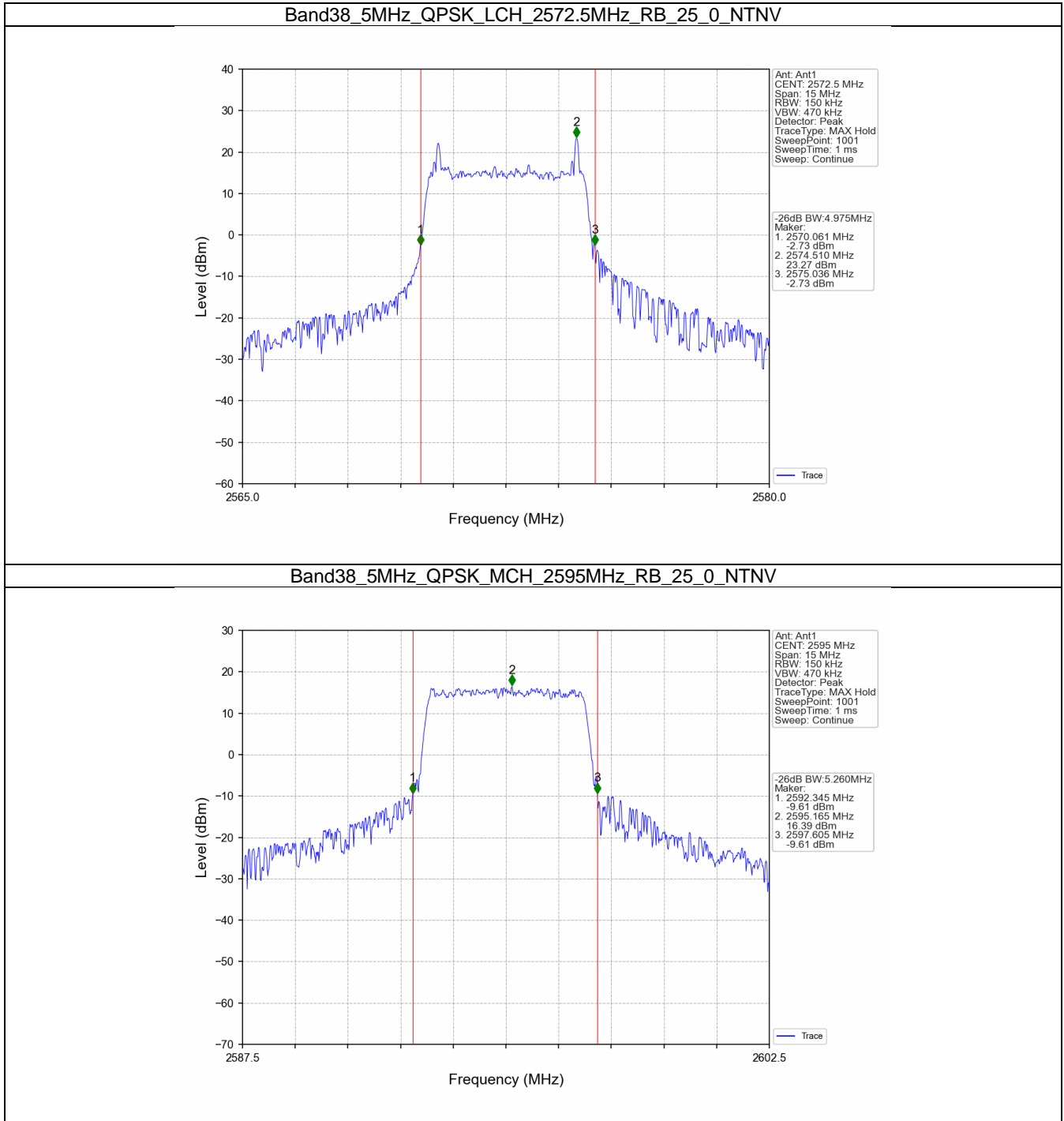


2.2 Band38_XDB

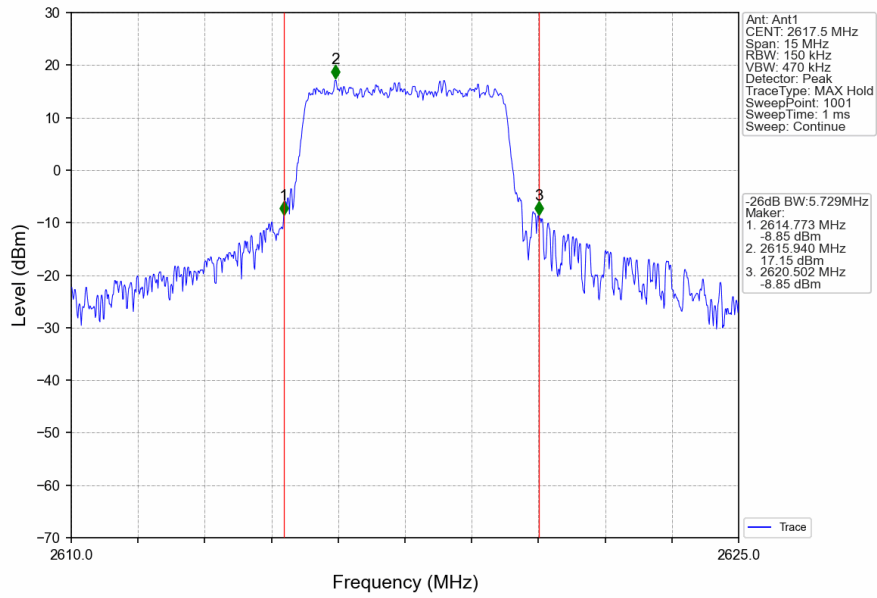
2.2.1 Test Result

Band: 38 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2572.5	25	0	4.975	Pass
		2595	25	0	5.260	Pass
		2617.5	25	0	5.729	Pass
	16QAM	2572.5	25	0	5.546	Pass
		2595	25	0	5.588	Pass
		2617.5	25	0	5.694	Pass
10	QPSK	2575	50	0	9.759	Pass
		2595	50	0	11.145	Pass
		2615	50	0	9.655	Pass
	16QAM	2575	50	0	10.122	Pass
		2595	50	0	10.191	Pass
		2615	50	0	9.640	Pass
15	QPSK	2577.5	75	0	16.043	Pass
		2595	75	0	15.300	Pass
		2612.5	75	0	15.500	Pass
	16QAM	2577.5	75	0	14.520	Pass
		2595	75	0	15.516	Pass
		2612.5	75	0	15.934	Pass
20	QPSK	2580	100	0	20.208	Pass
		2595	100	0	20.583	Pass
		2610	100	0	20.660	Pass
	16QAM	2580	100	0	21.138	Pass
		2595	100	0	20.245	Pass
		2610	100	0	22.273	Pass

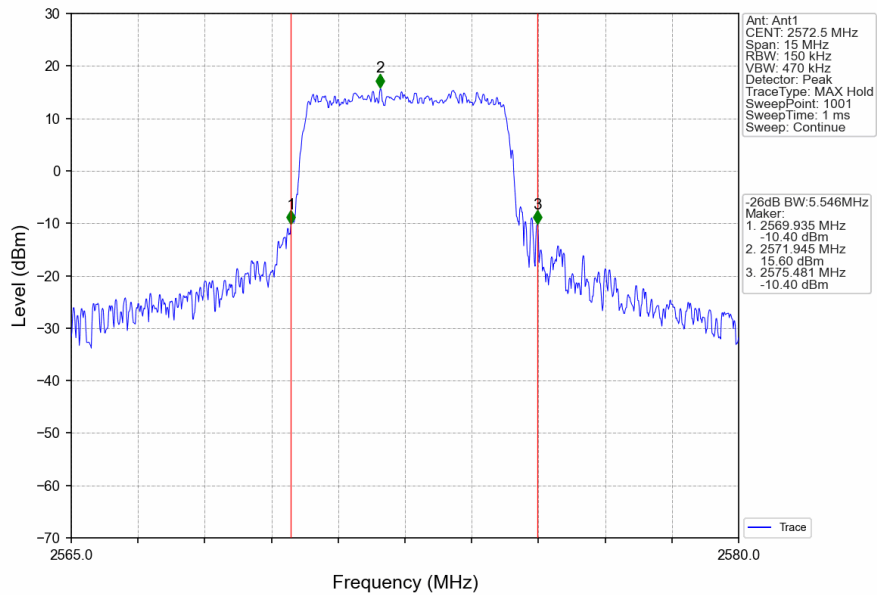
2.2.2 Test Graph



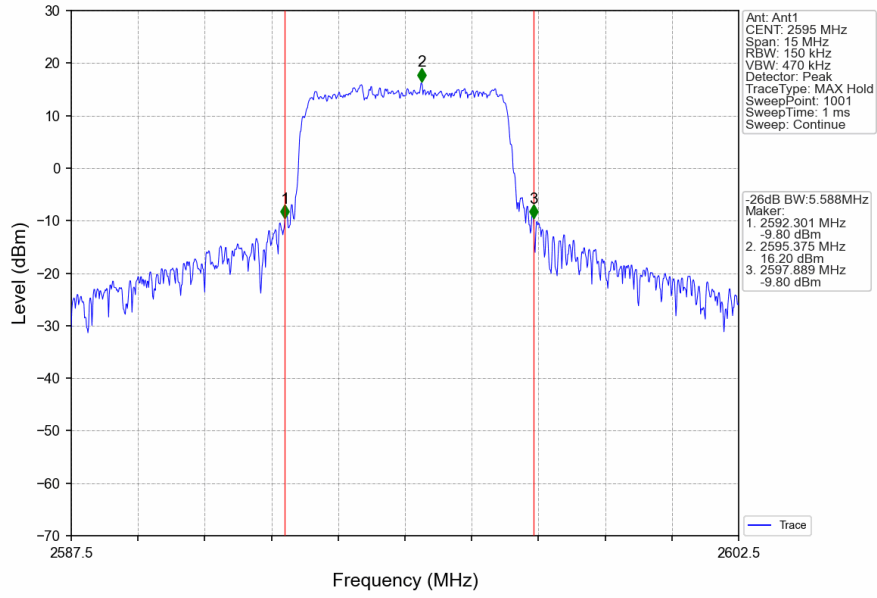
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



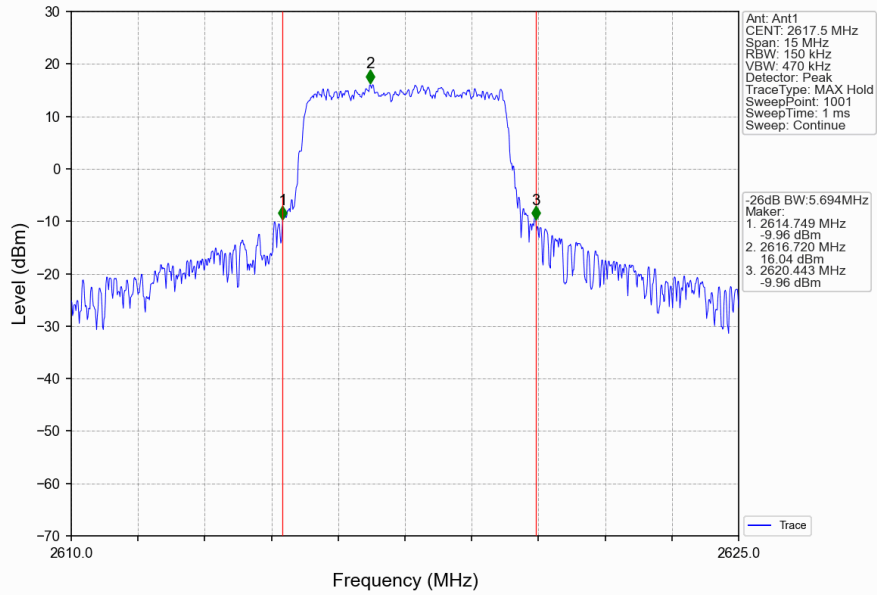
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



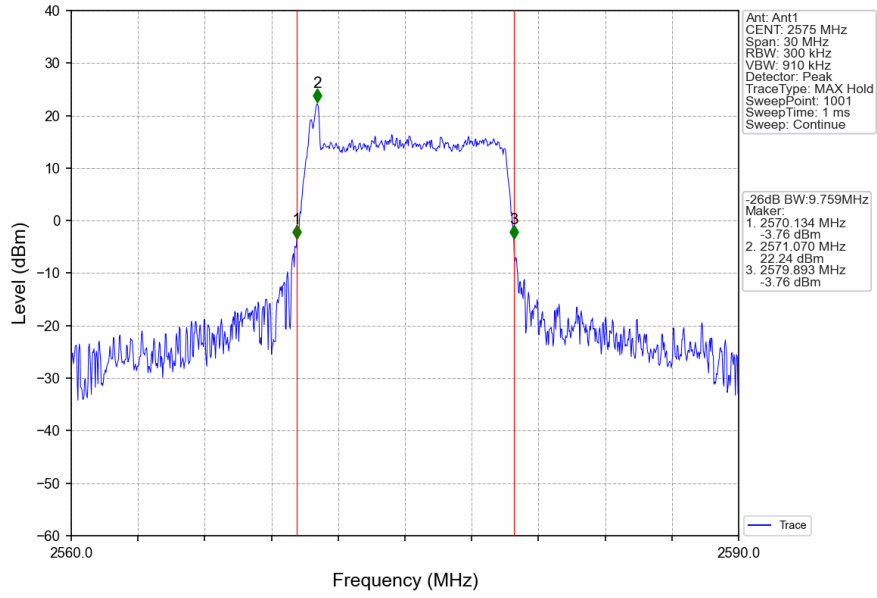
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



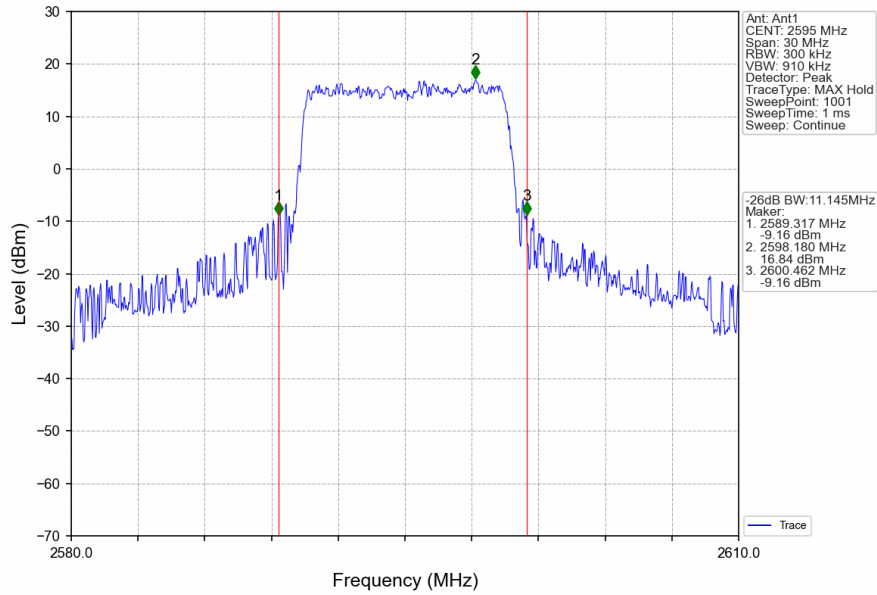
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



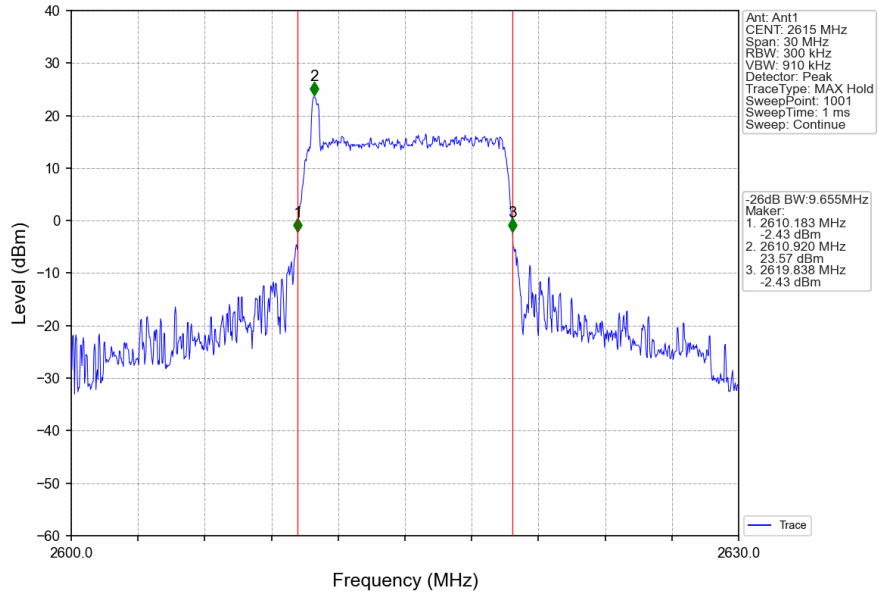
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



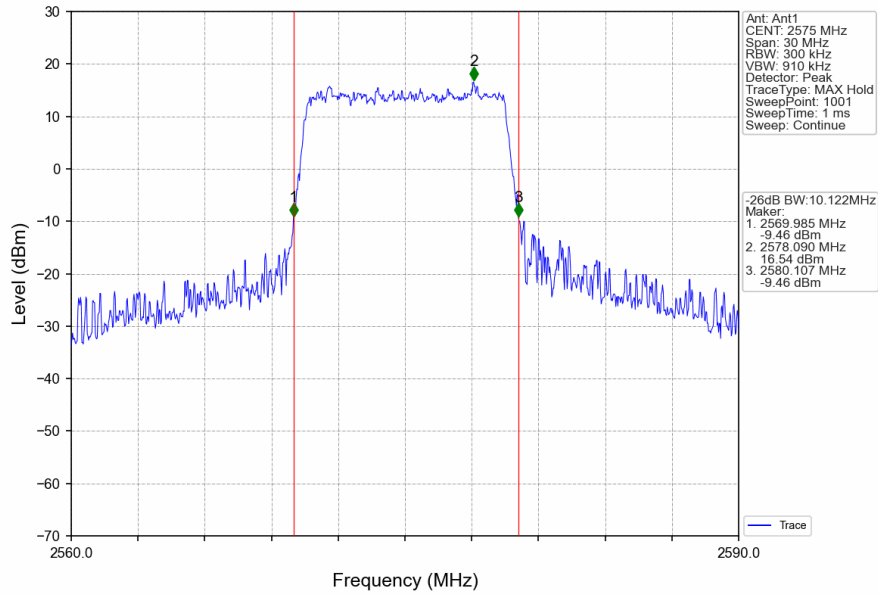
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



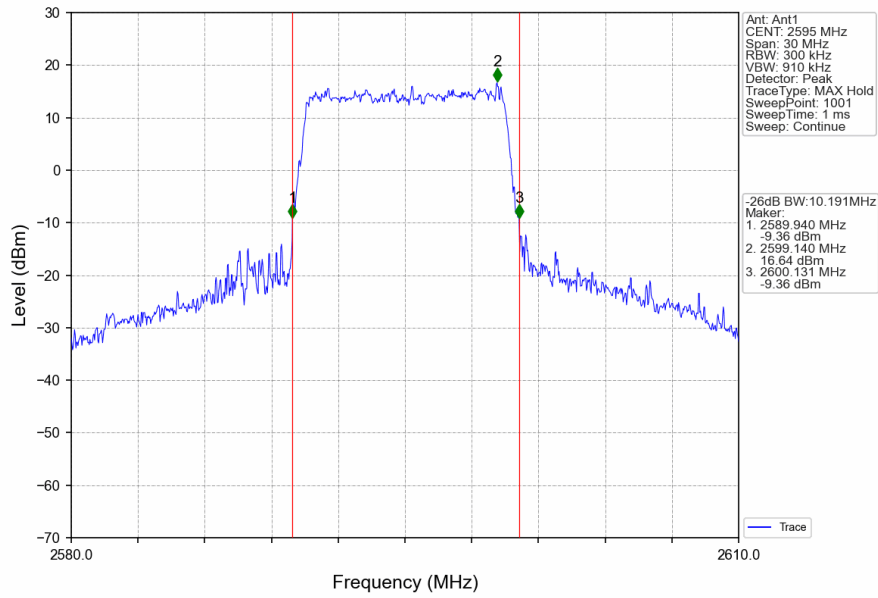
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



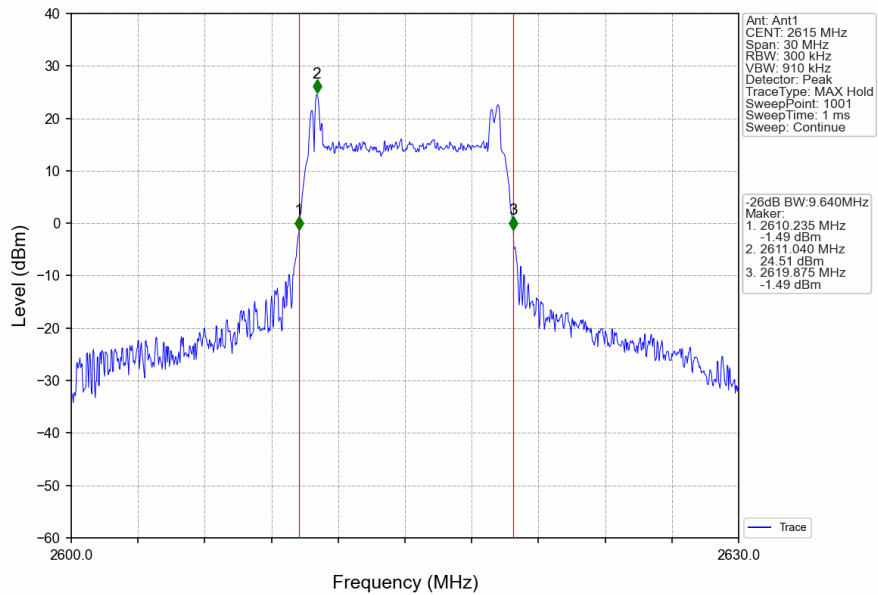
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



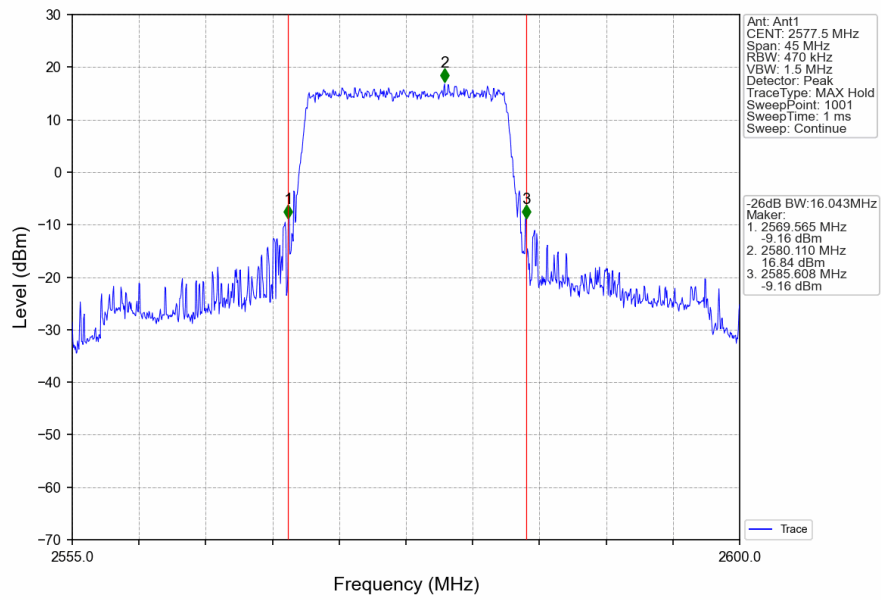
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



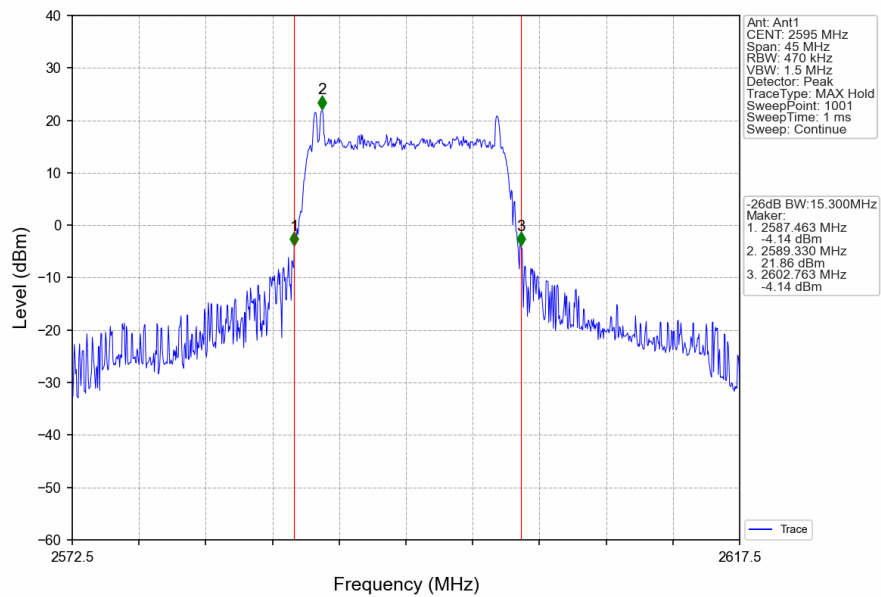
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



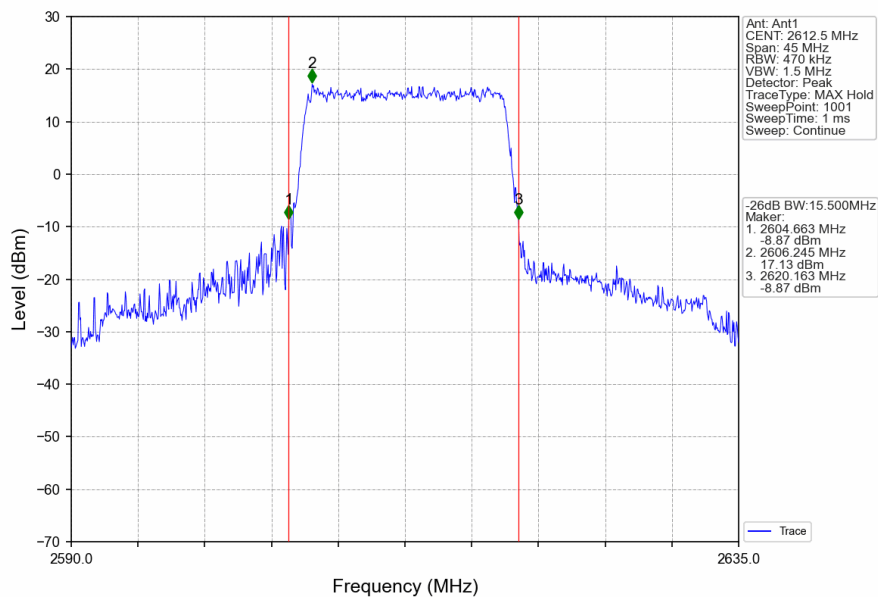
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



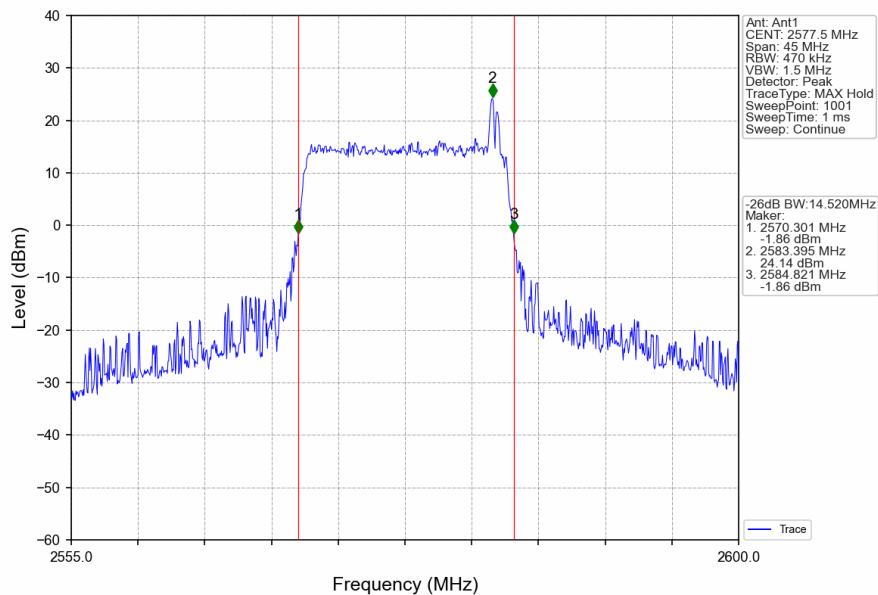
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



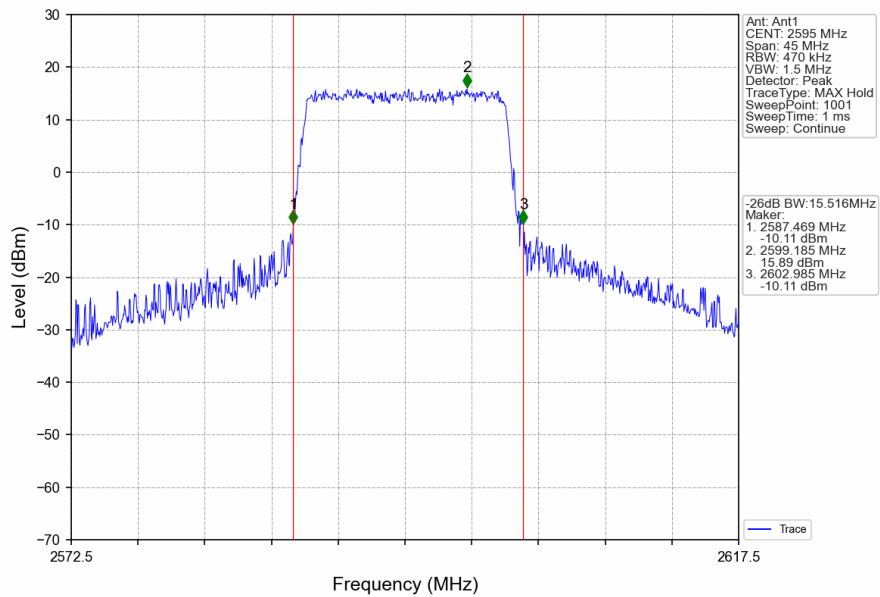
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



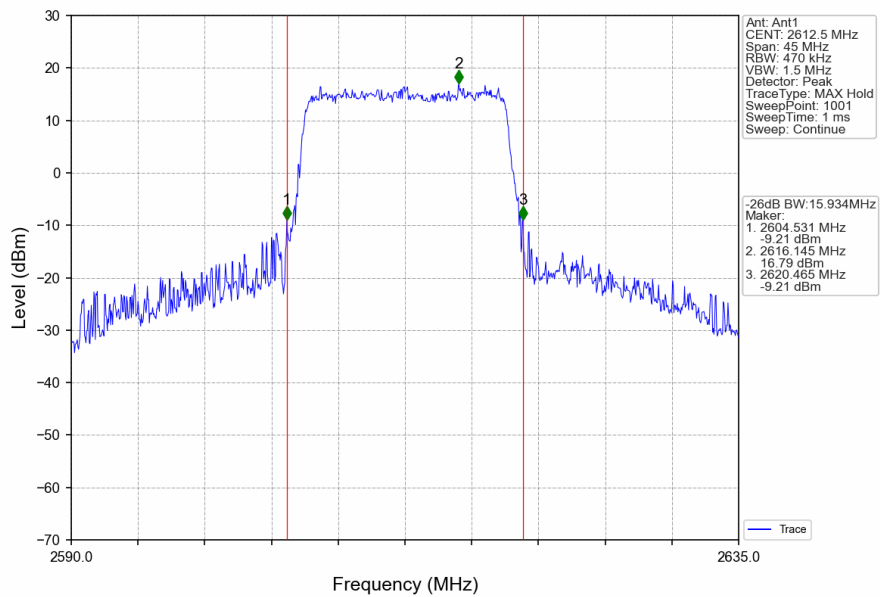
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



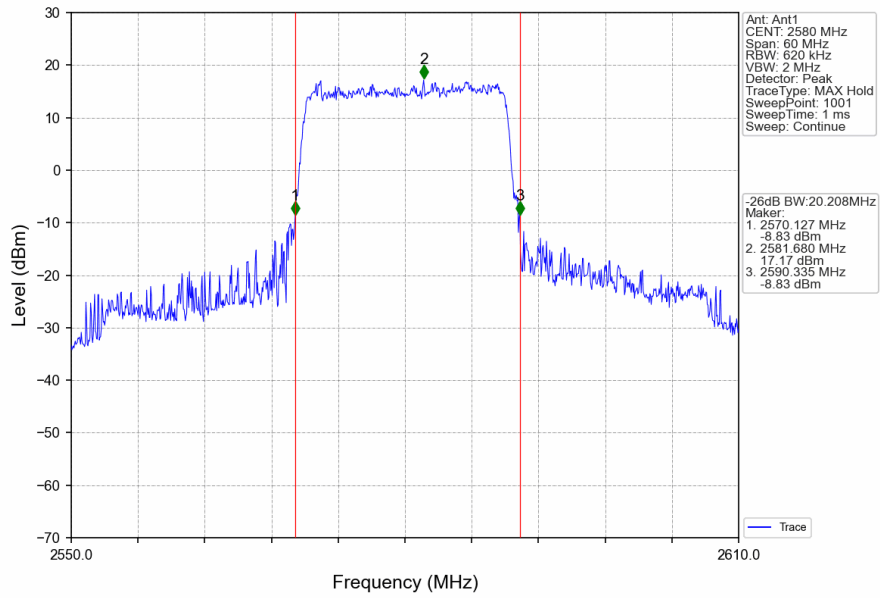
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



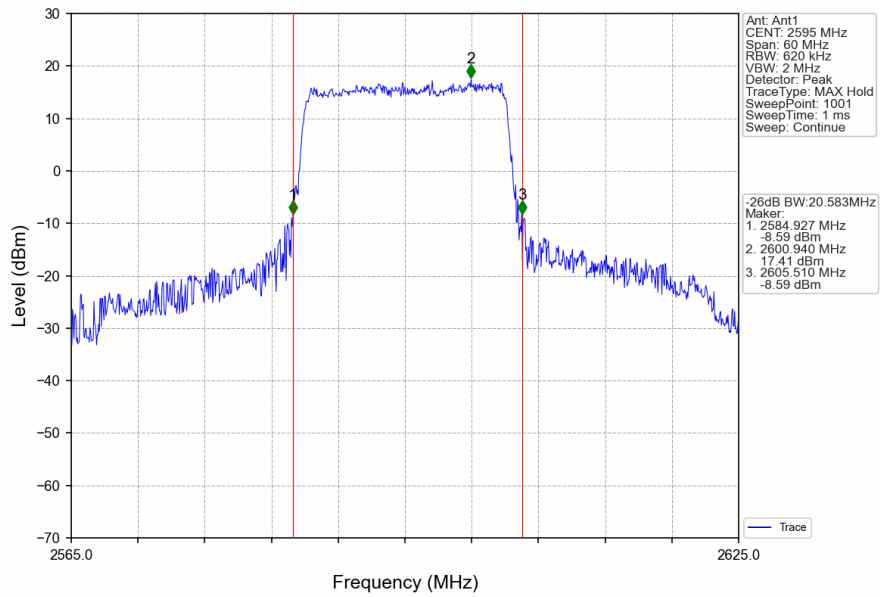
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



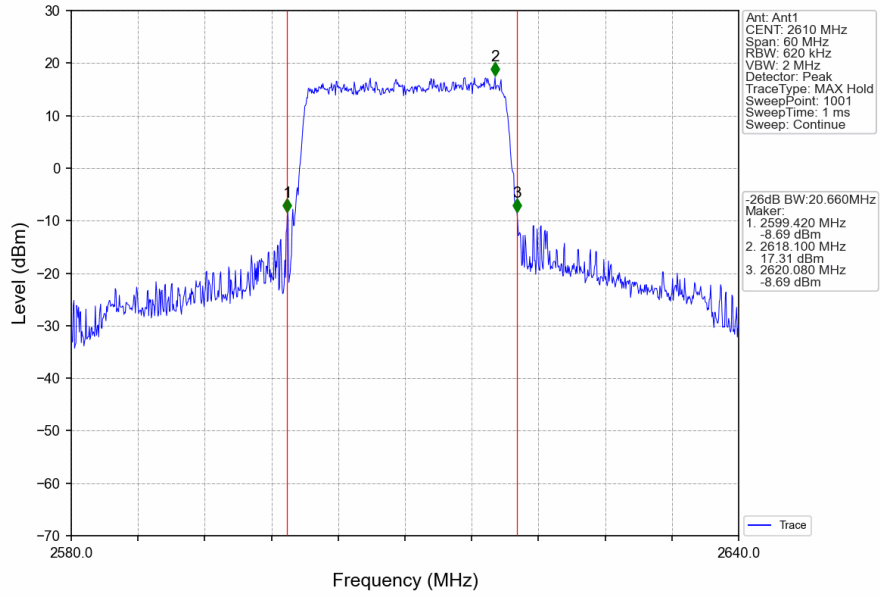
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



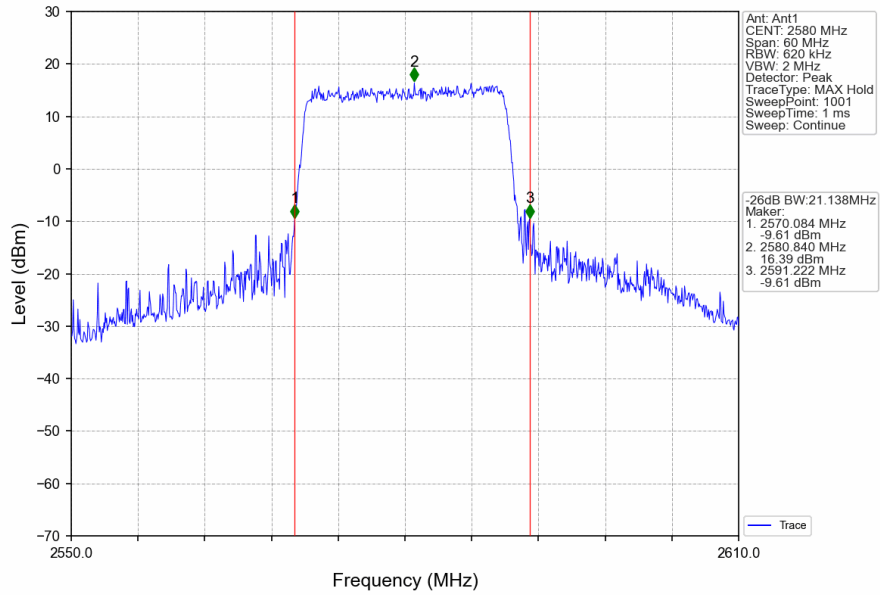
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



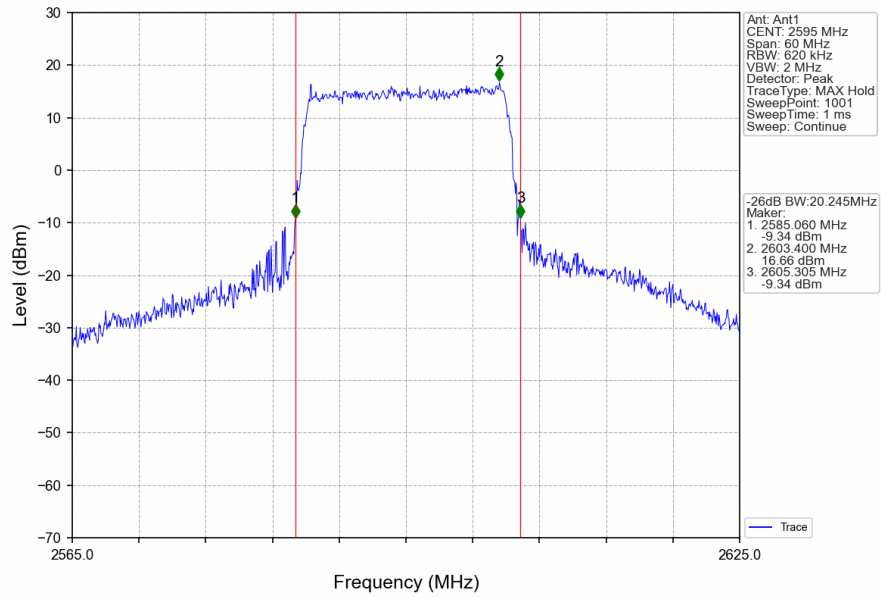
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



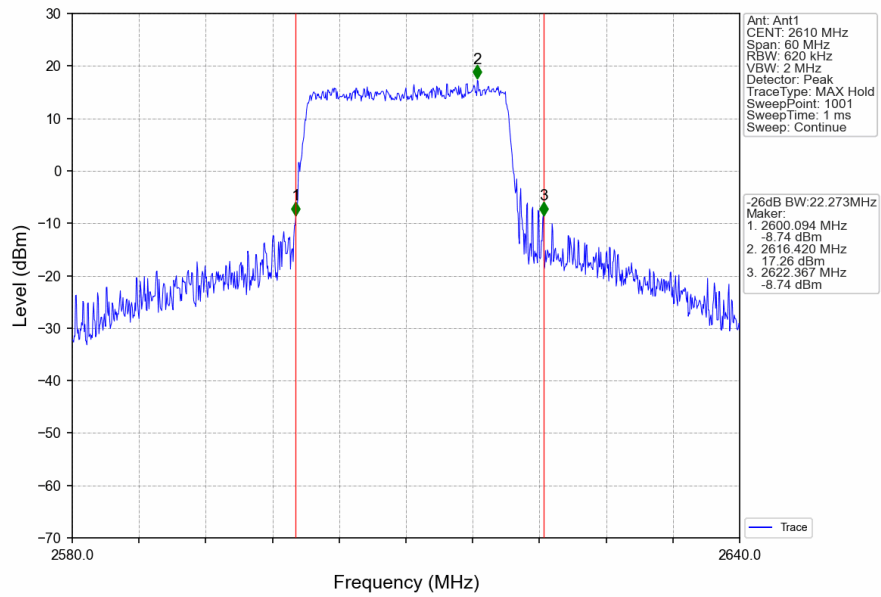
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



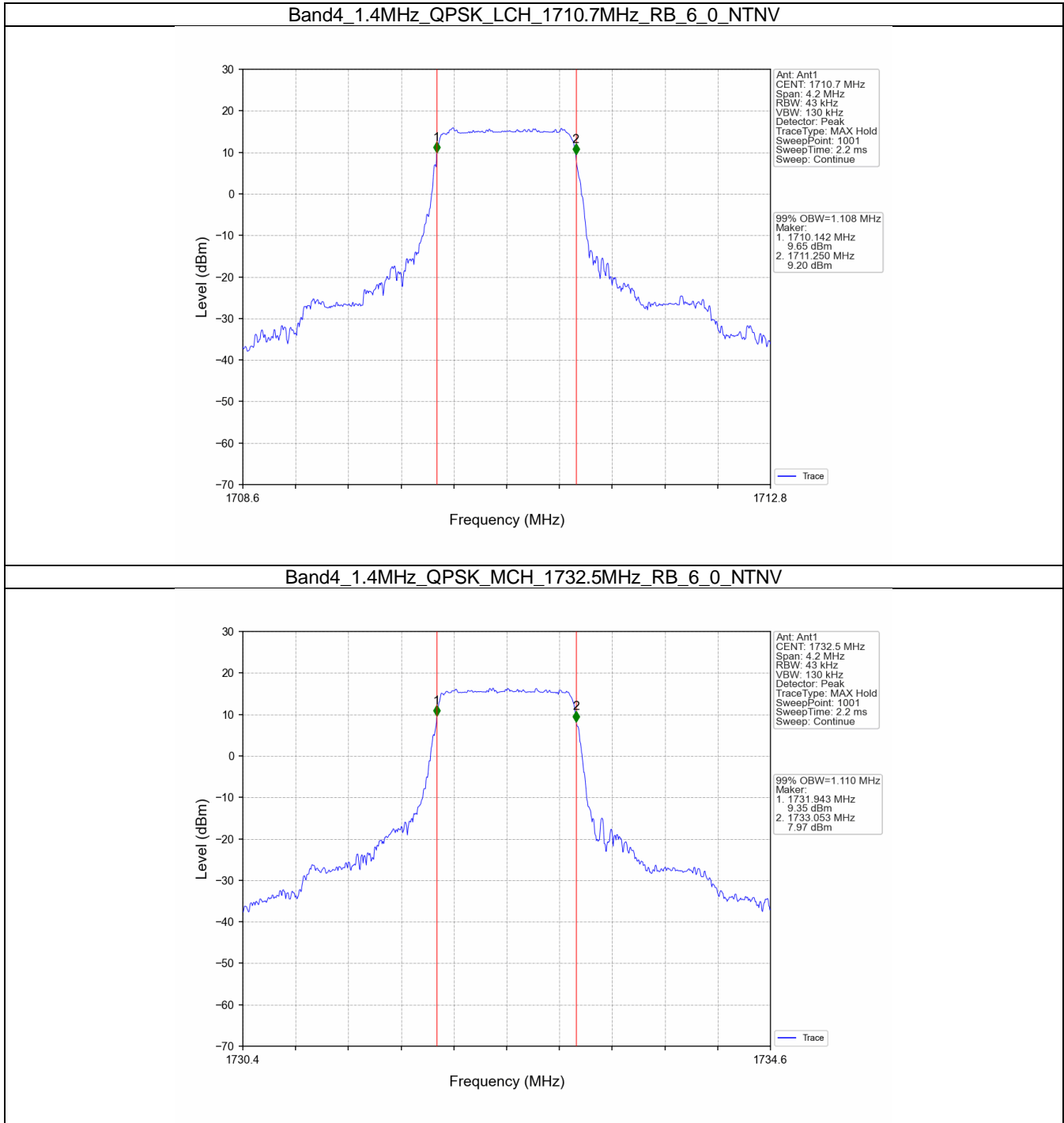
3. 99% & 26dB Bandwidth

3.1 Band4_OBW

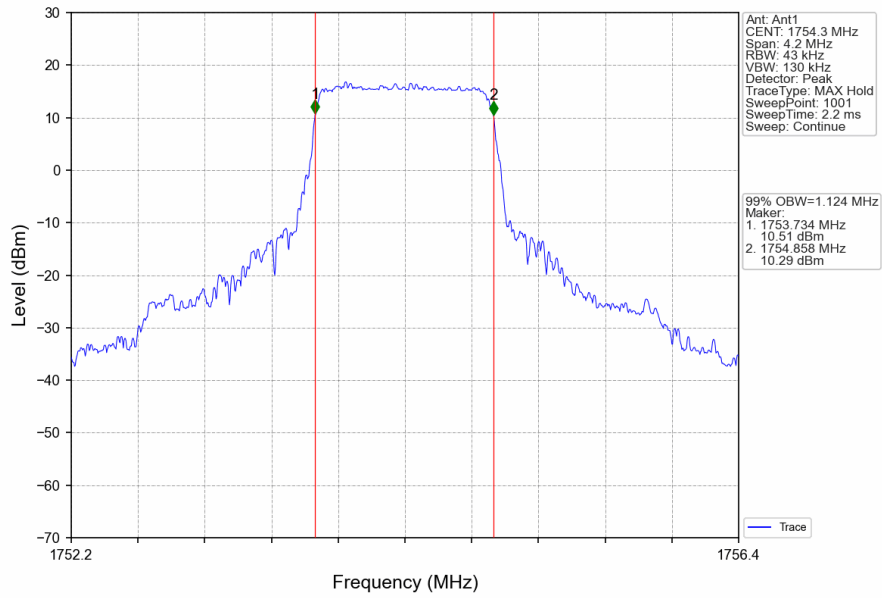
3.1.1 Test Result

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	1.108	Pass
		1732.5	6	0	1.110	Pass
		1754.3	6	0	1.124	Pass
	16QAM	1710.7	6	0	1.125	Pass
		1732.5	6	0	1.121	Pass
		1754.3	6	0	1.118	Pass
3	QPSK	1711.5	15	0	2.755	Pass
		1732.5	15	0	2.759	Pass
		1753.5	15	0	2.759	Pass
	16QAM	1711.5	15	0	2.771	Pass
		1732.5	15	0	2.757	Pass
		1753.5	15	0	2.773	Pass
5	QPSK	1712.5	25	0	4.584	Pass
		1732.5	25	0	4.572	Pass
		1752.5	25	0	4.583	Pass
	16QAM	1712.5	25	0	4.564	Pass
		1732.5	25	0	4.590	Pass
		1752.5	25	0	4.616	Pass
10	QPSK	1715	50	0	9.079	Pass
		1732.5	50	0	9.100	Pass
		1750	50	0	9.045	Pass
	16QAM	1715	50	0	9.060	Pass
		1732.5	50	0	9.119	Pass
		1750	50	0	9.068	Pass
15	QPSK	1717.5	75	0	13.591	Pass
		1732.5	75	0	13.671	Pass
		1747.5	75	0	13.581	Pass
	16QAM	1717.5	75	0	13.617	Pass
		1732.5	75	0	13.622	Pass
		1747.5	75	0	13.620	Pass
20	QPSK	1720	100	0	18.147	Pass
		1732.5	100	0	18.197	Pass
		1745	100	0	18.094	Pass
	16QAM	1720	100	0	18.146	Pass
		1732.5	100	0	18.193	Pass
		1745	100	0	18.115	Pass

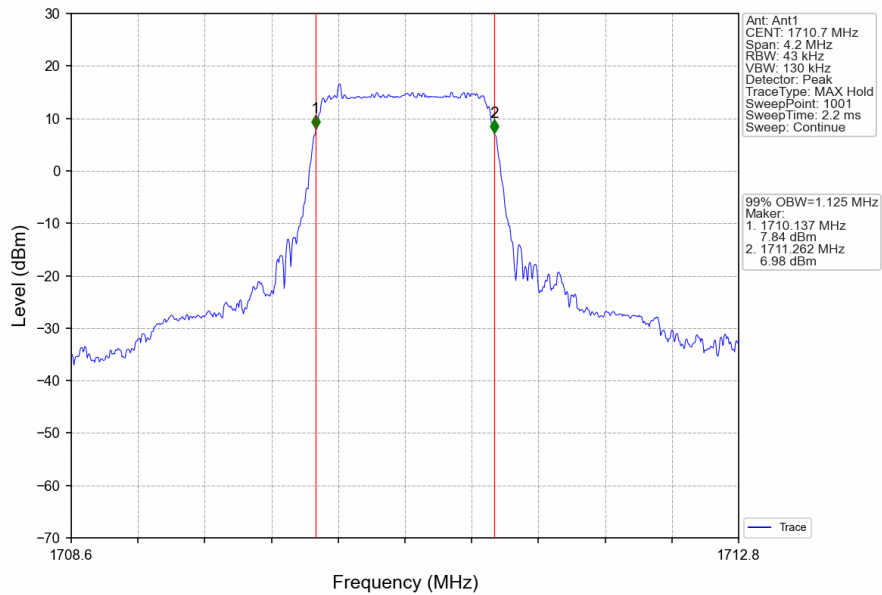
3.1.2 Test Graph



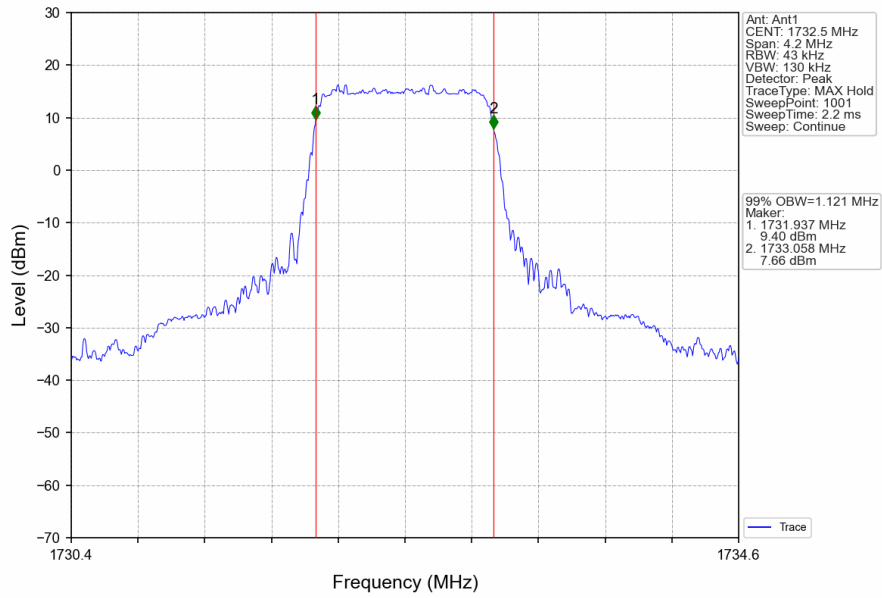
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



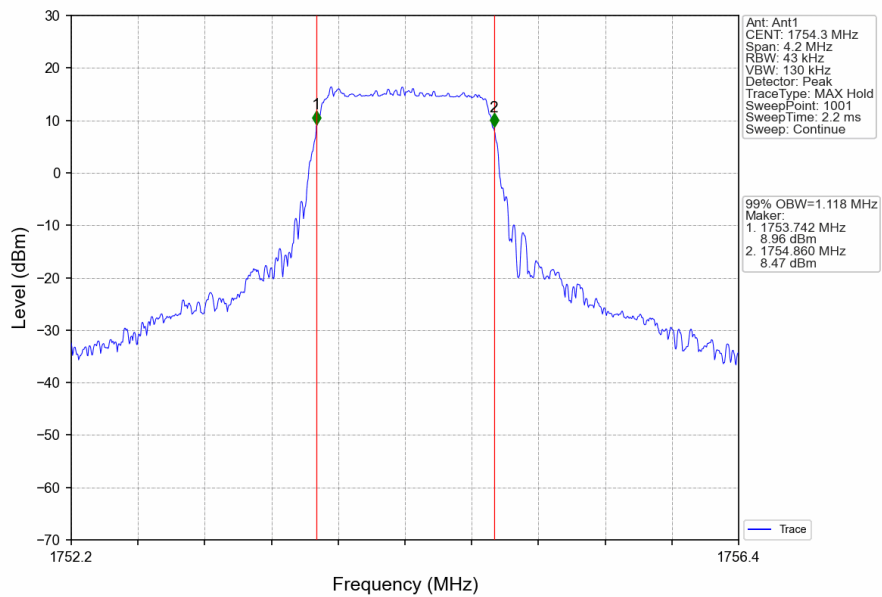
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



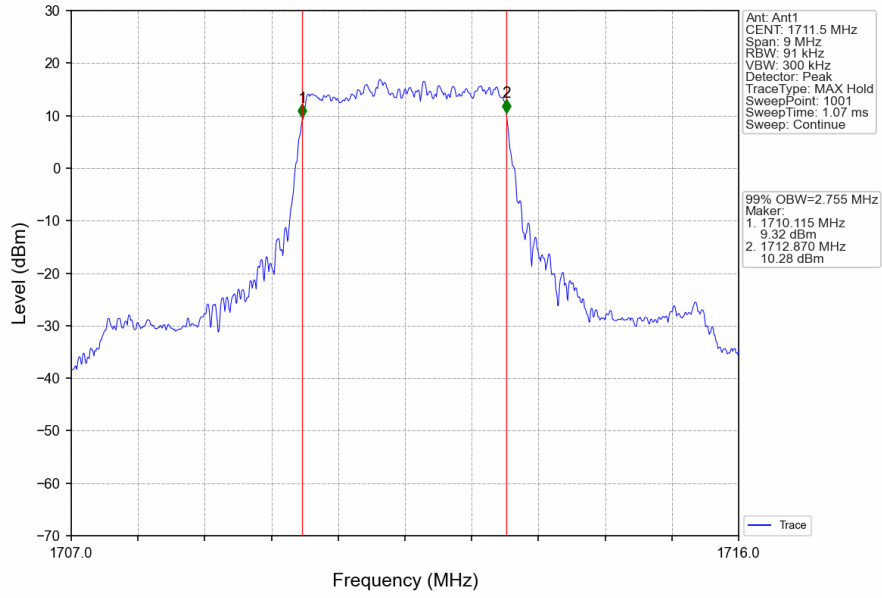
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



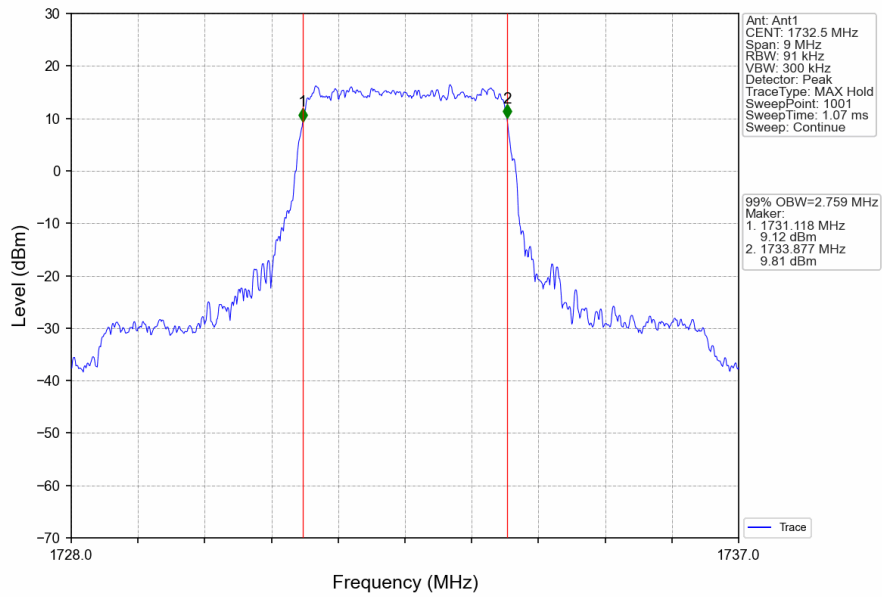
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



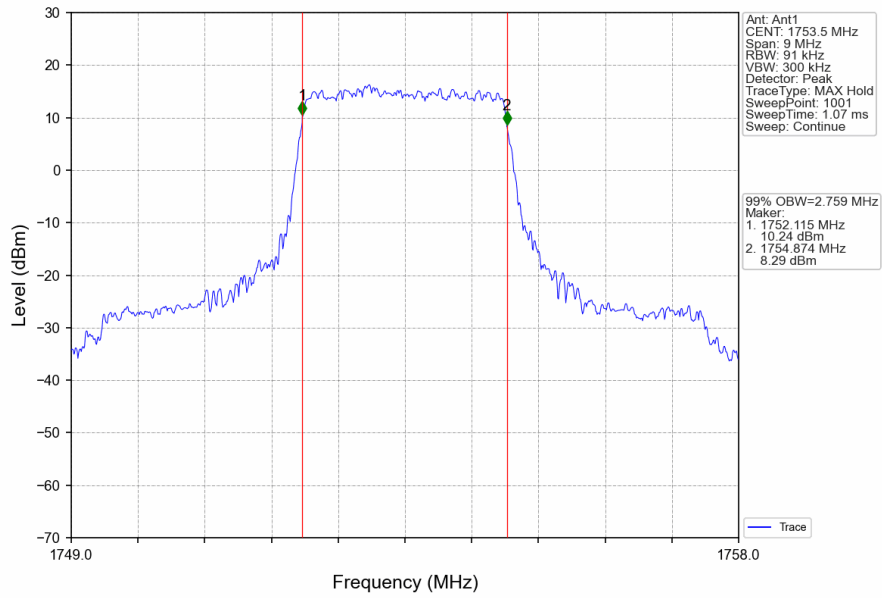
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



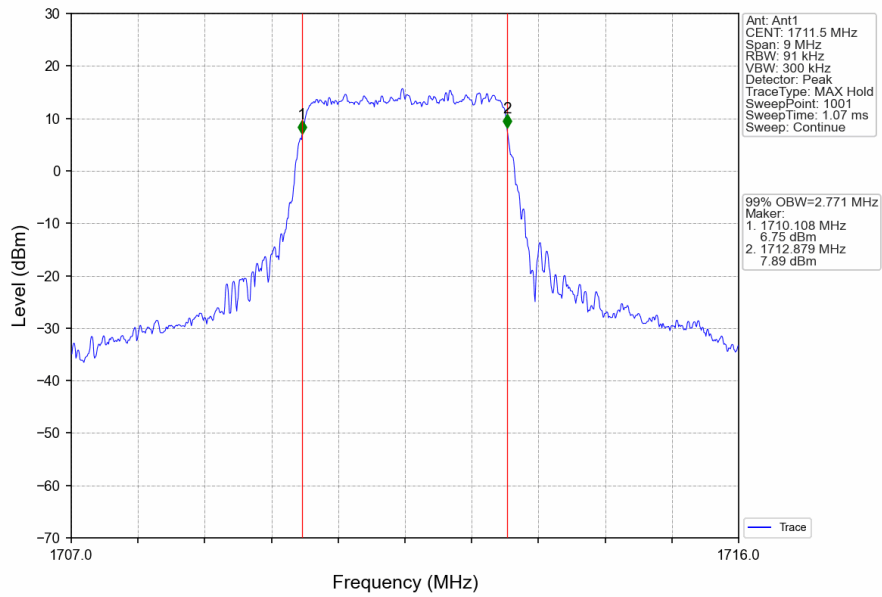
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



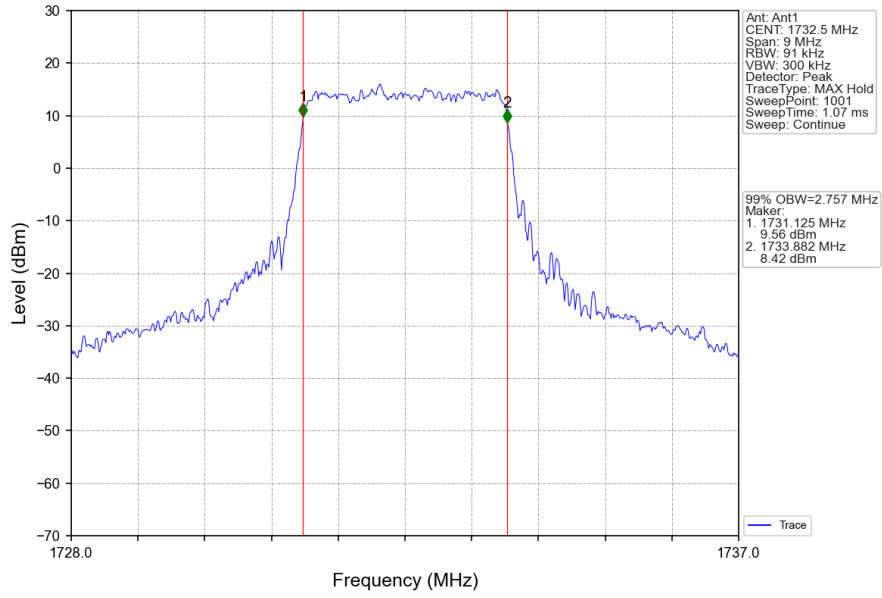
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



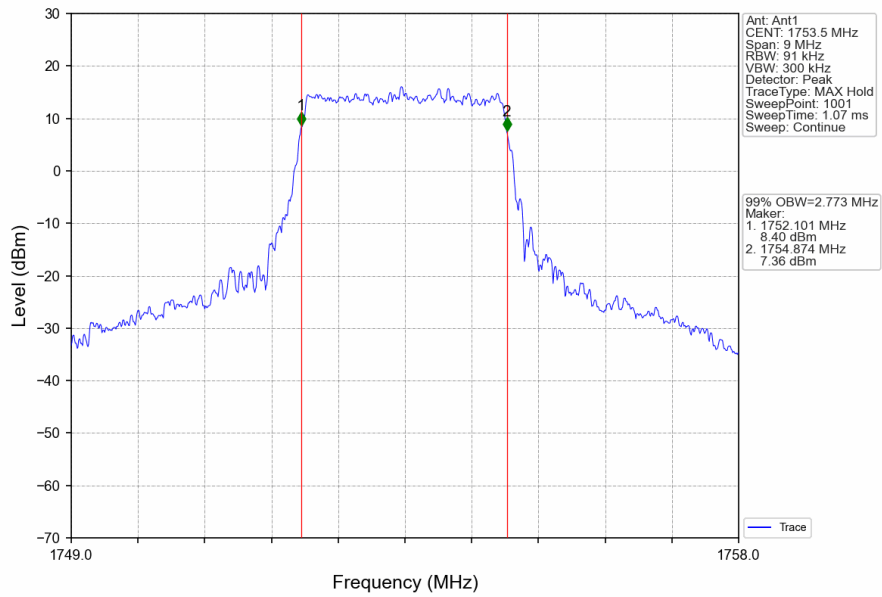
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



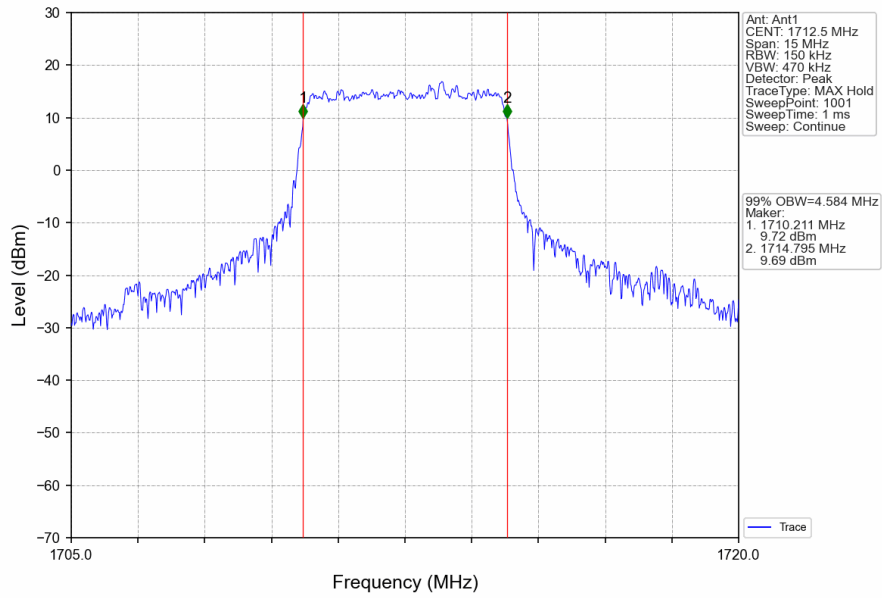
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



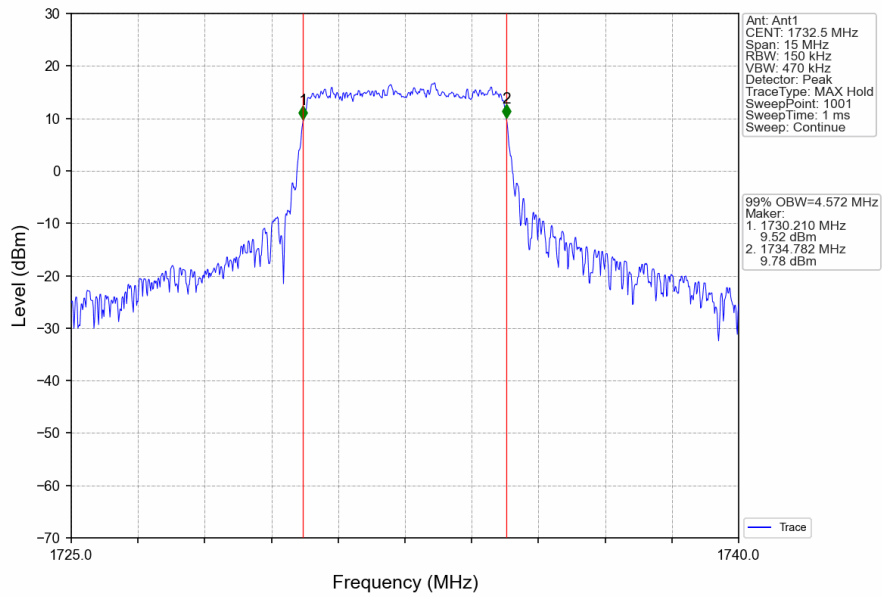
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



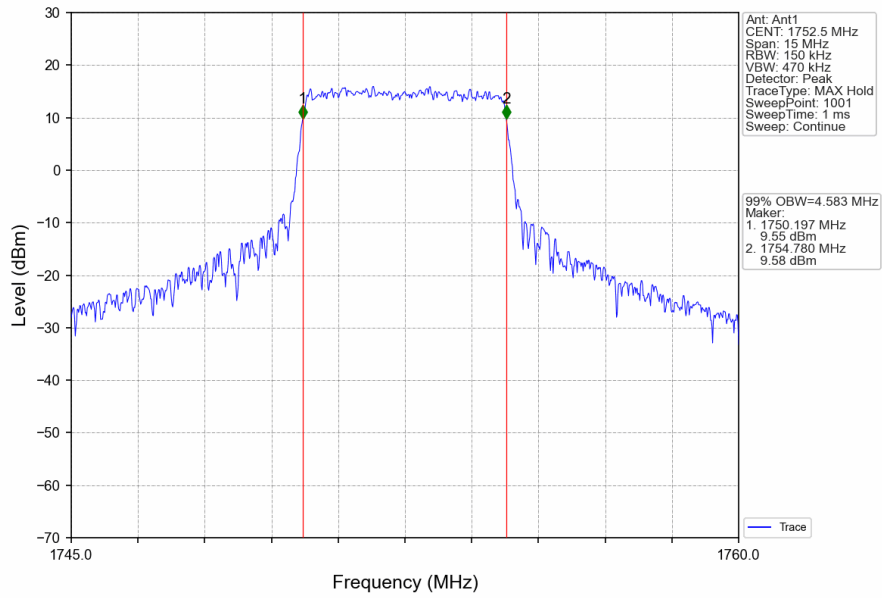
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



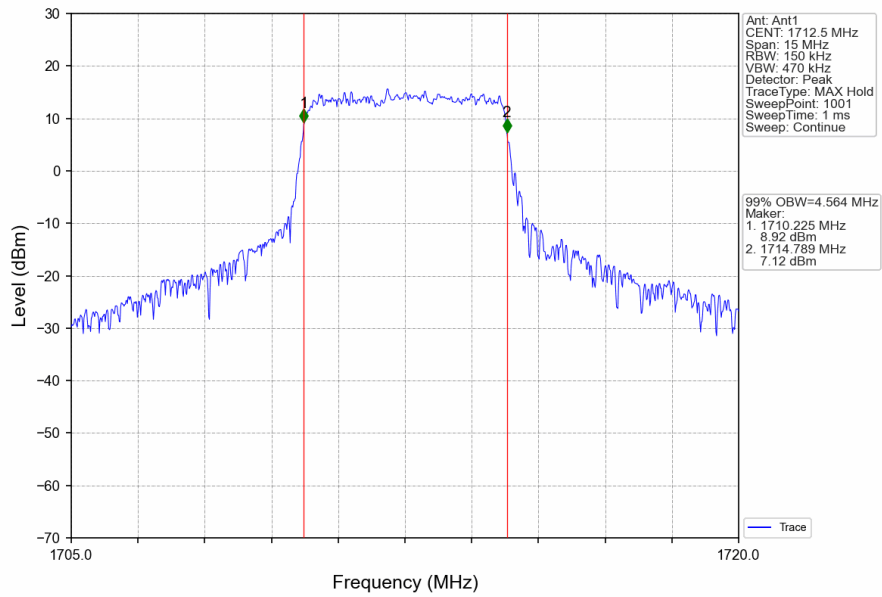
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



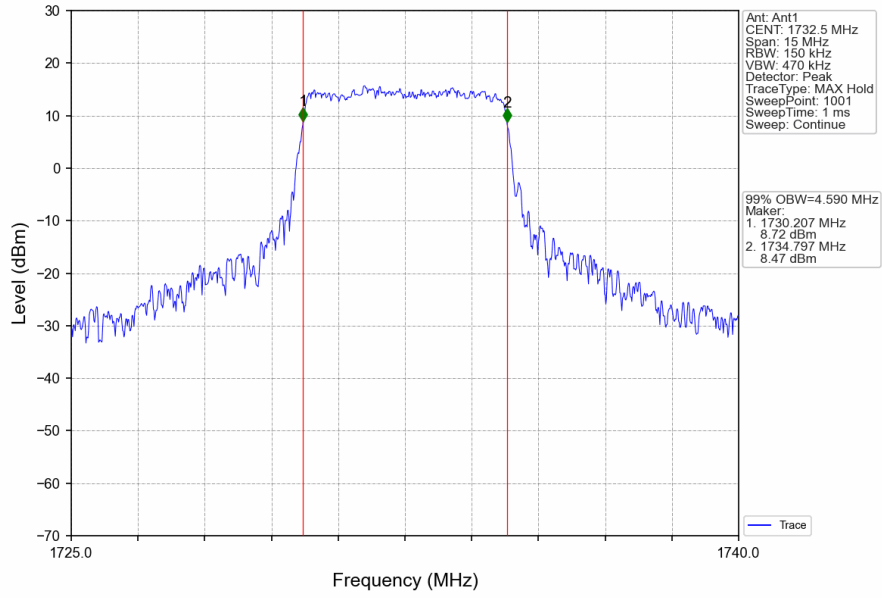
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



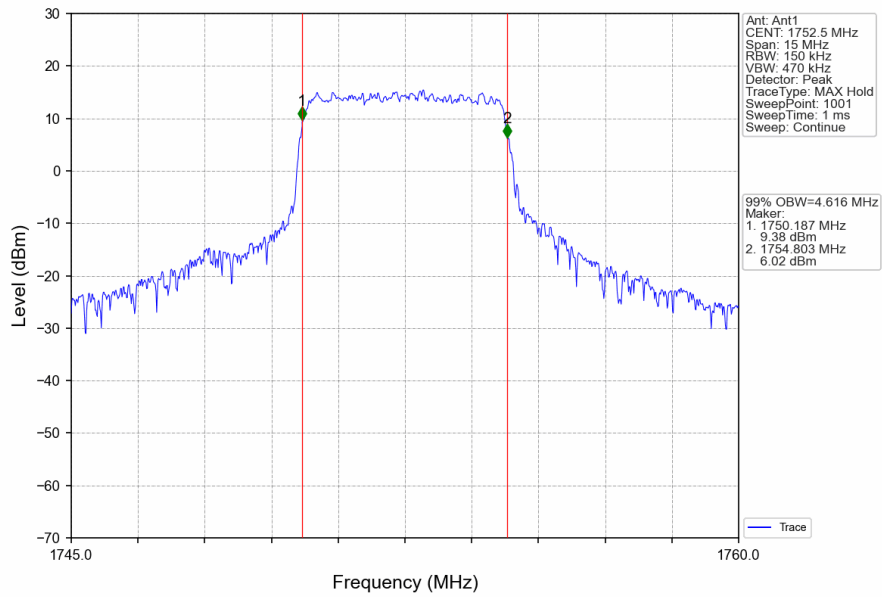
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



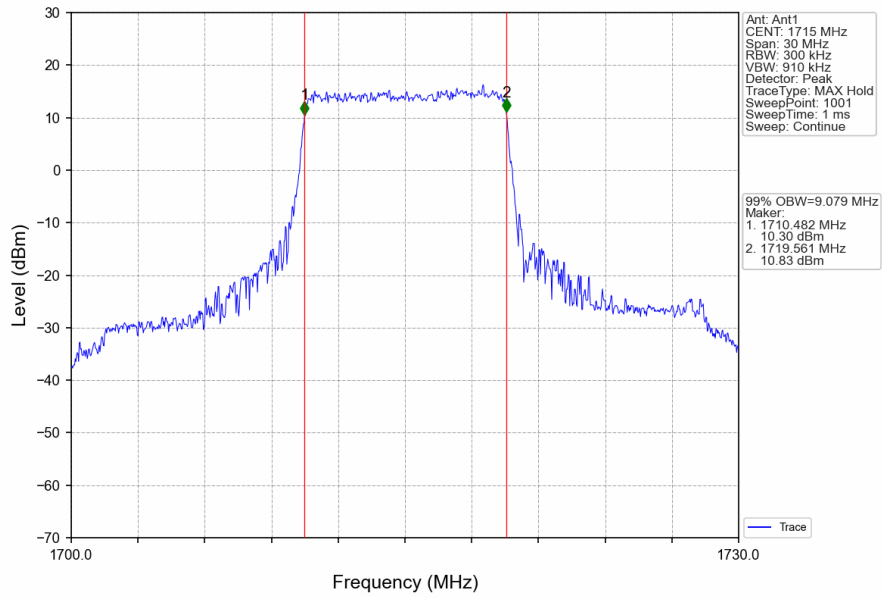
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



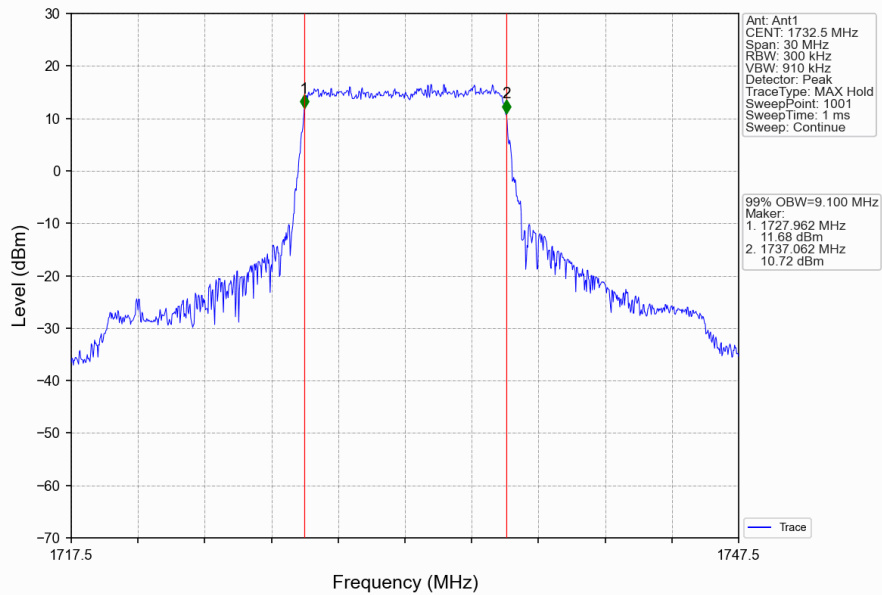
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



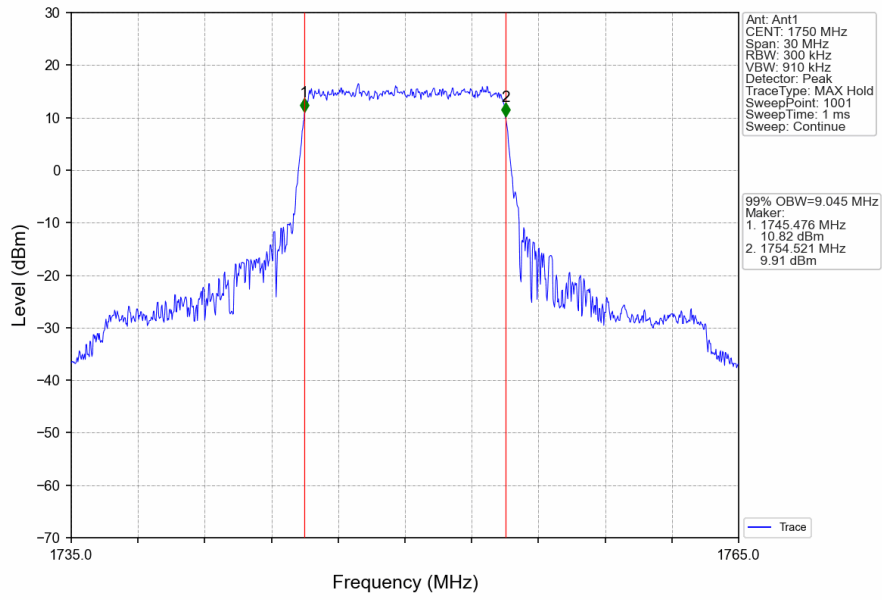
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



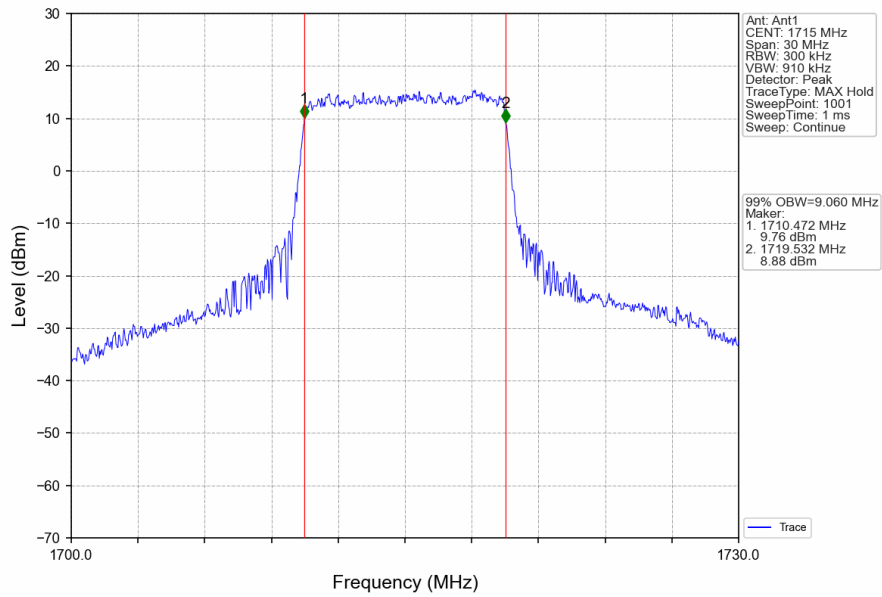
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



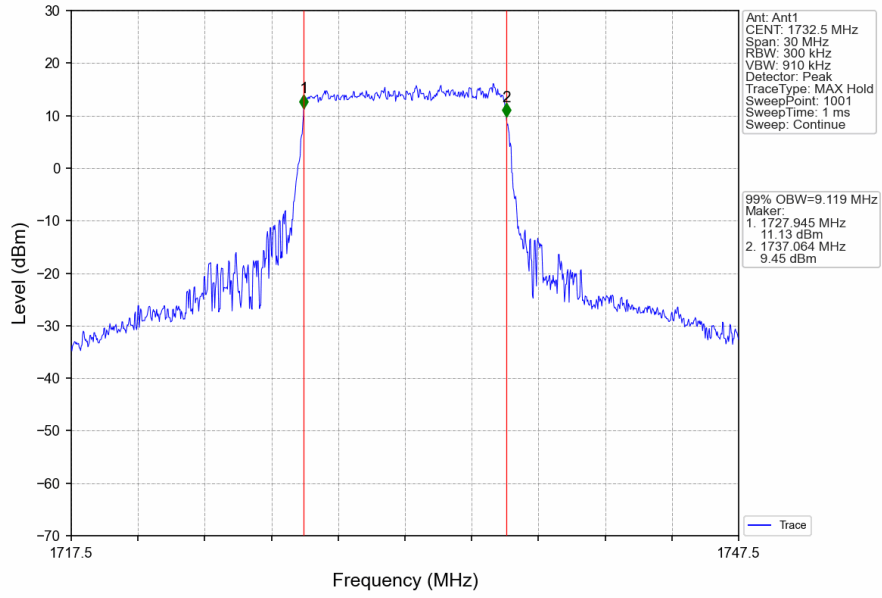
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



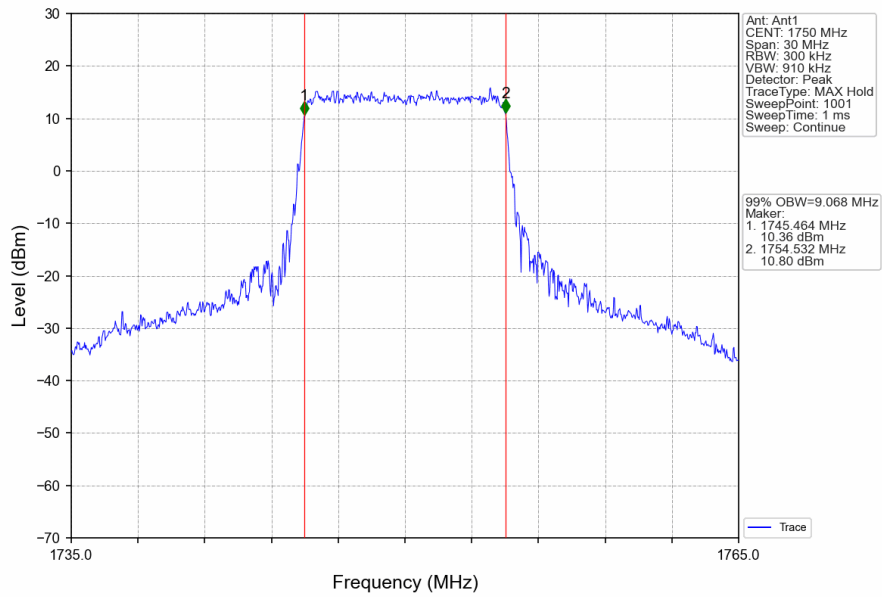
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



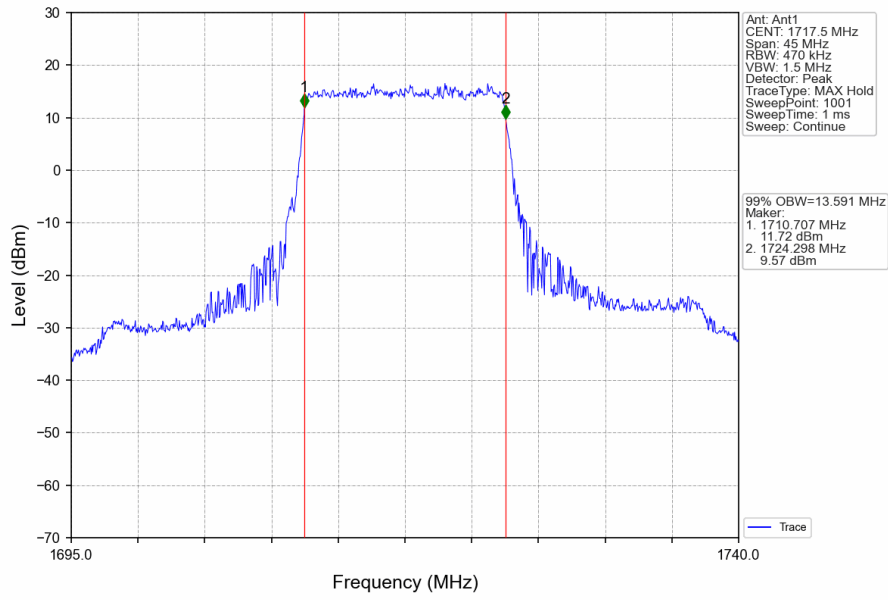
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



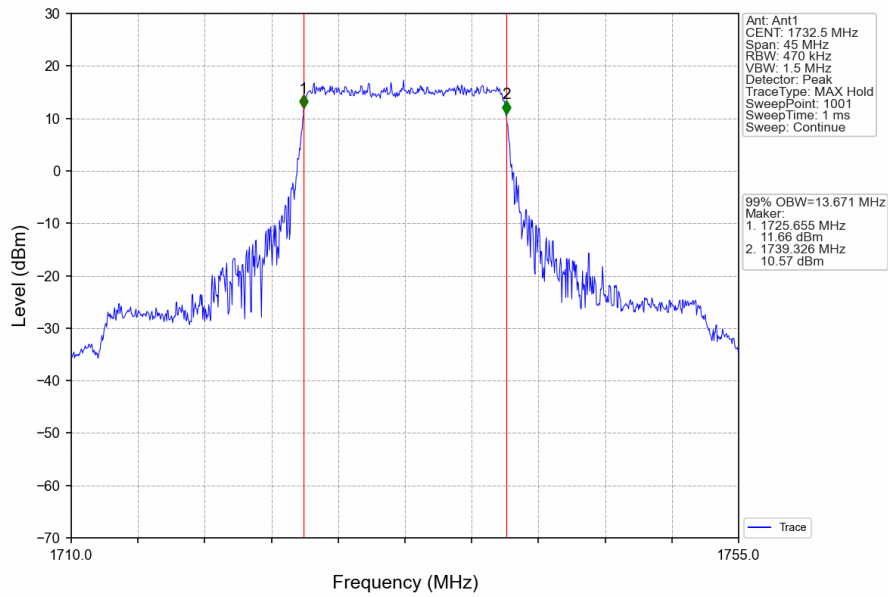
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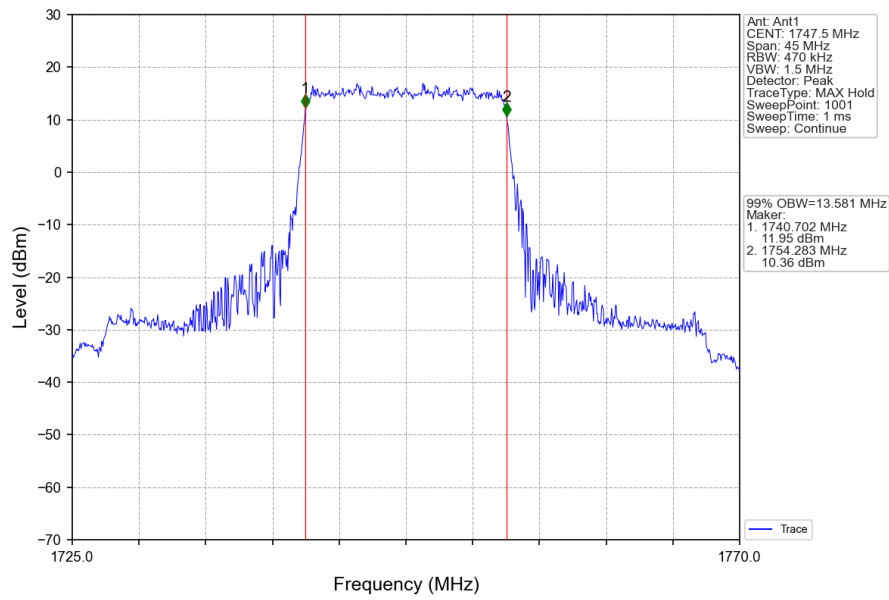
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



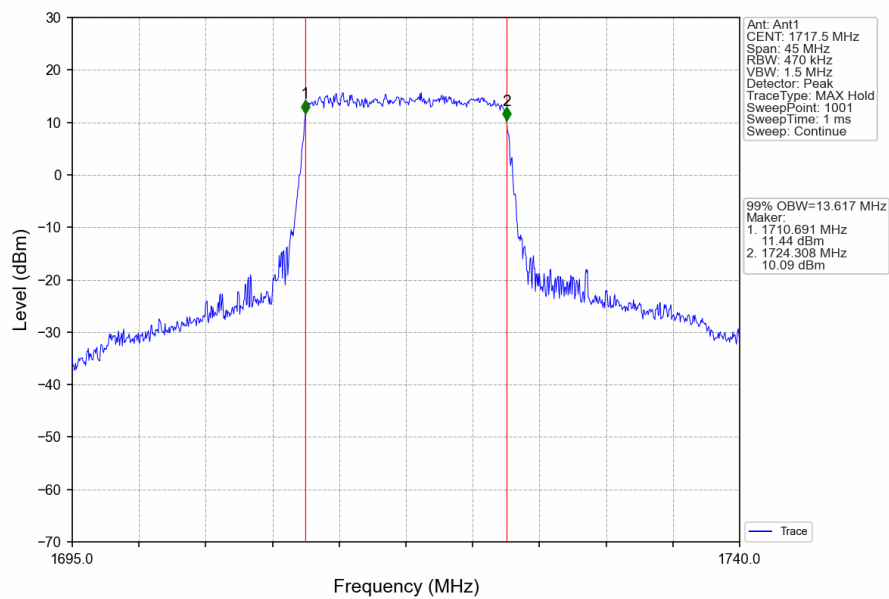
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



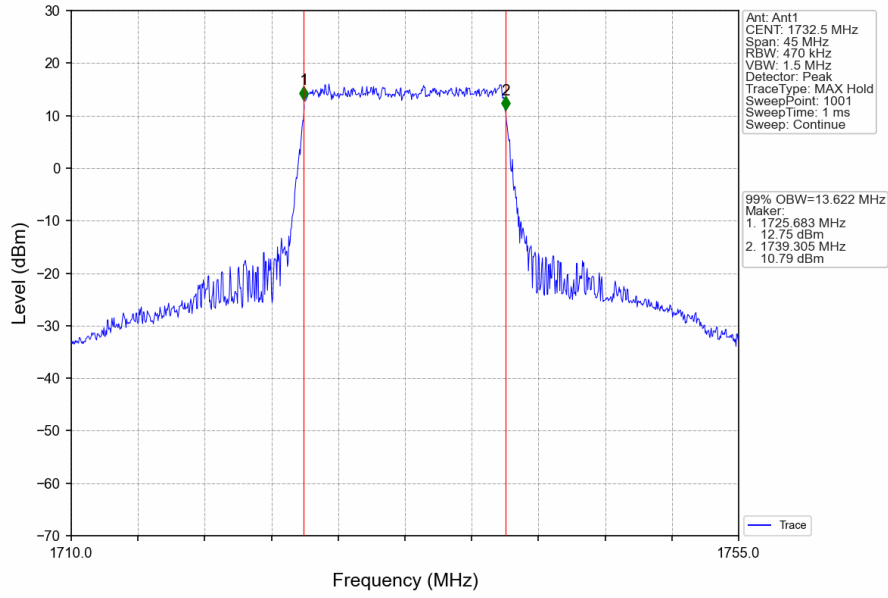
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



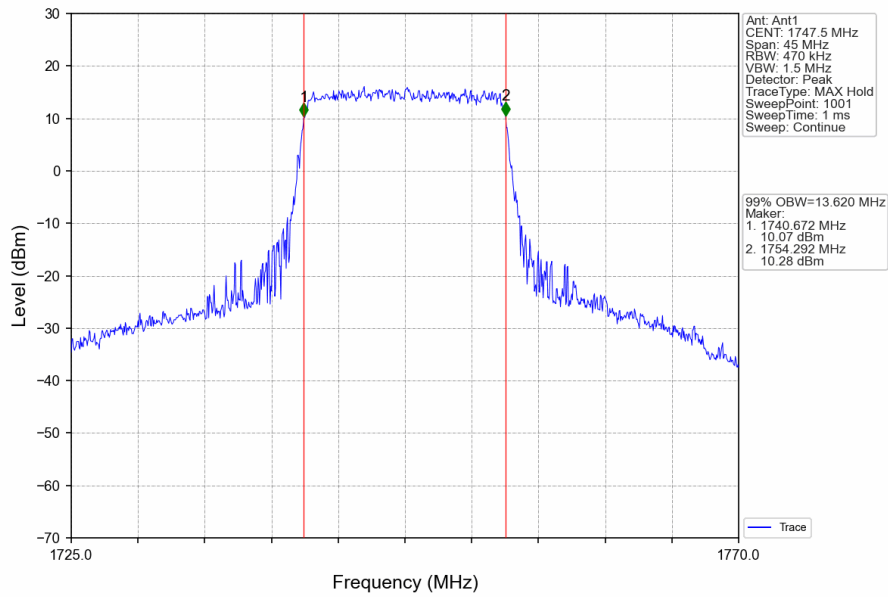
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



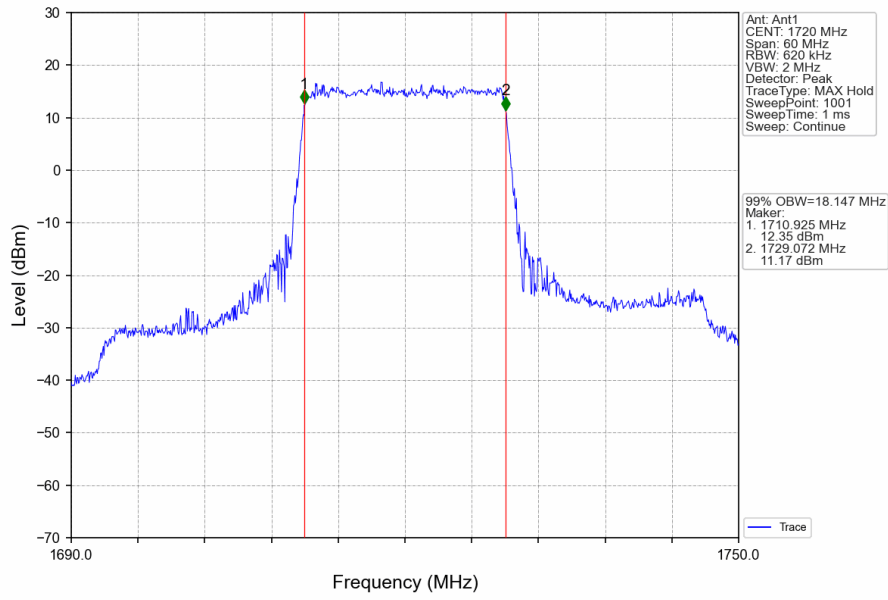
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



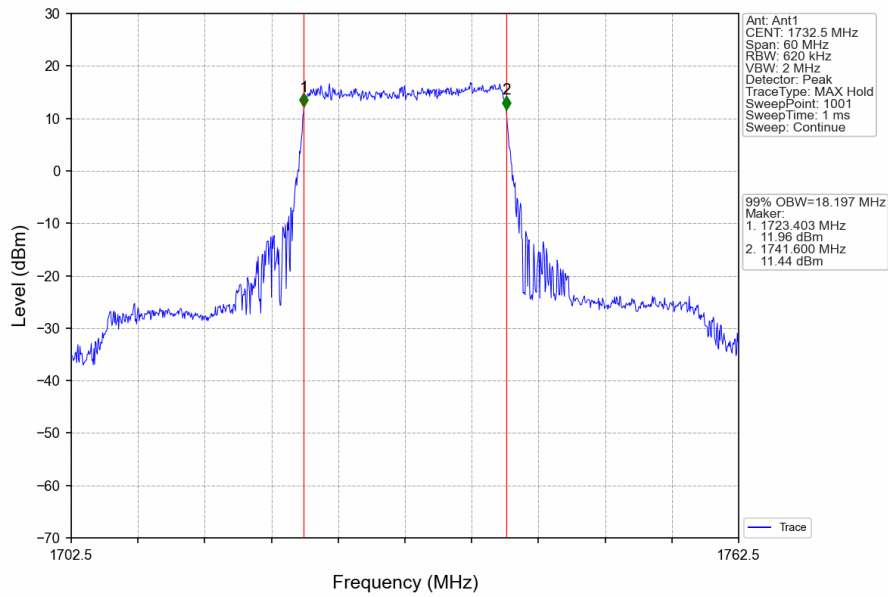
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



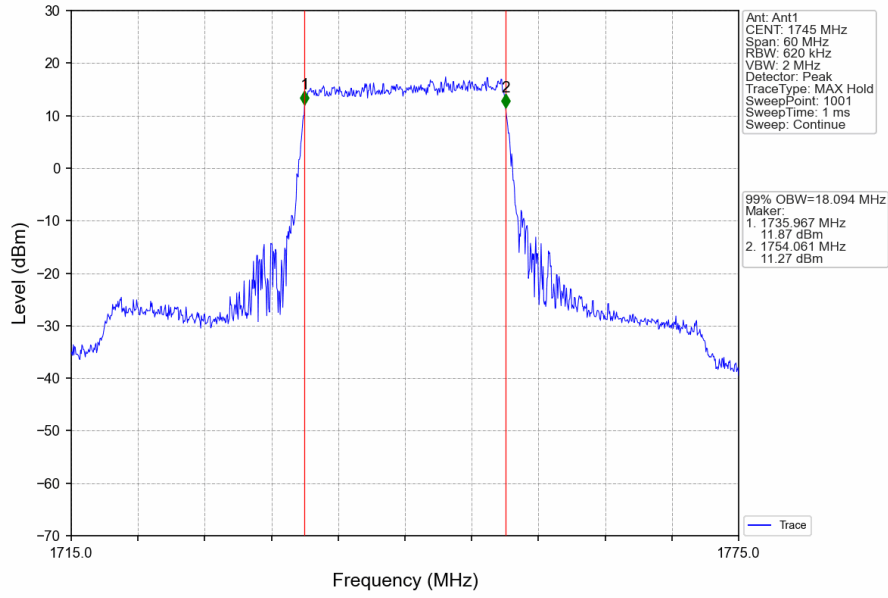
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



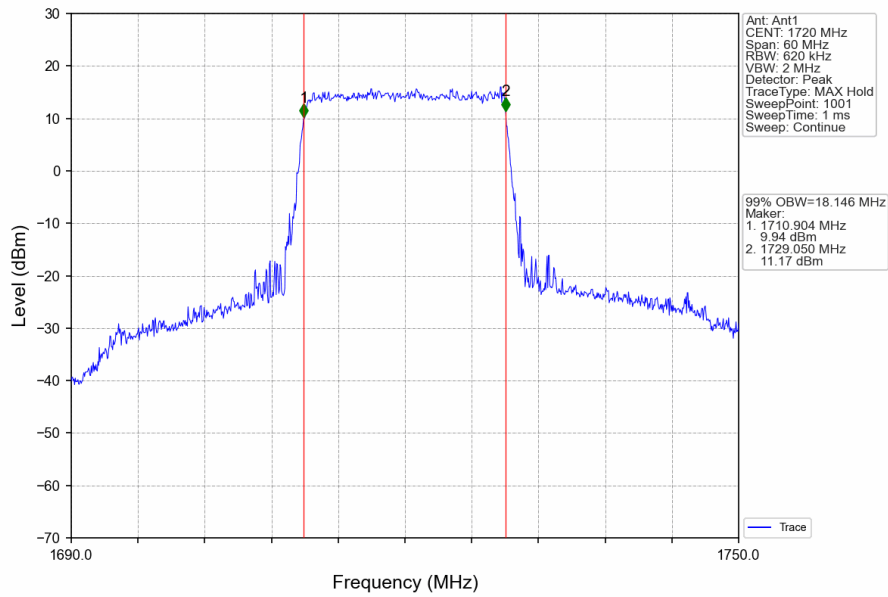
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



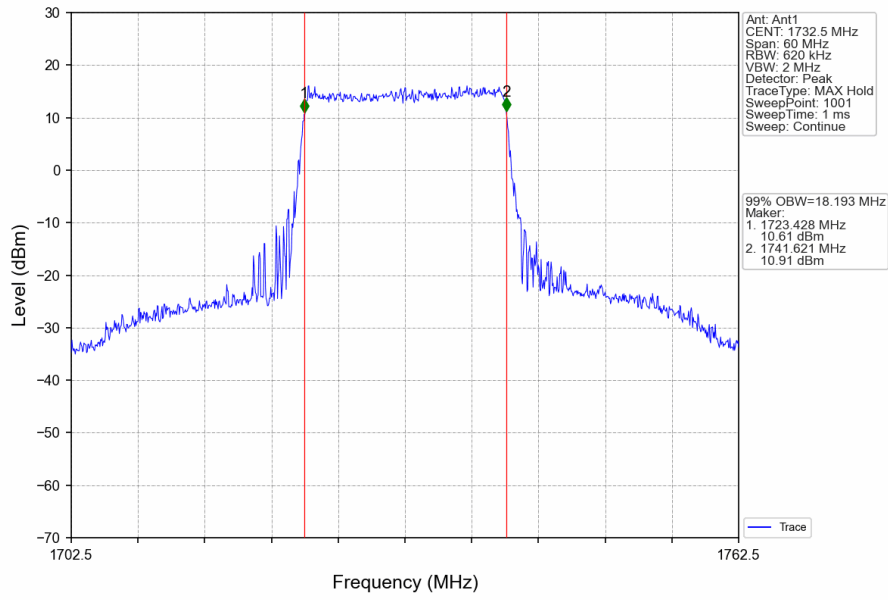
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



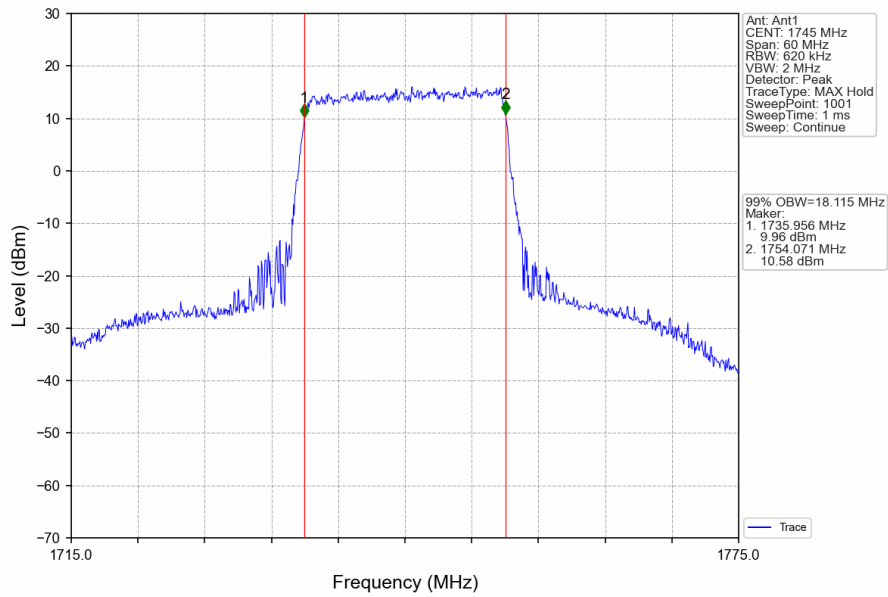
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

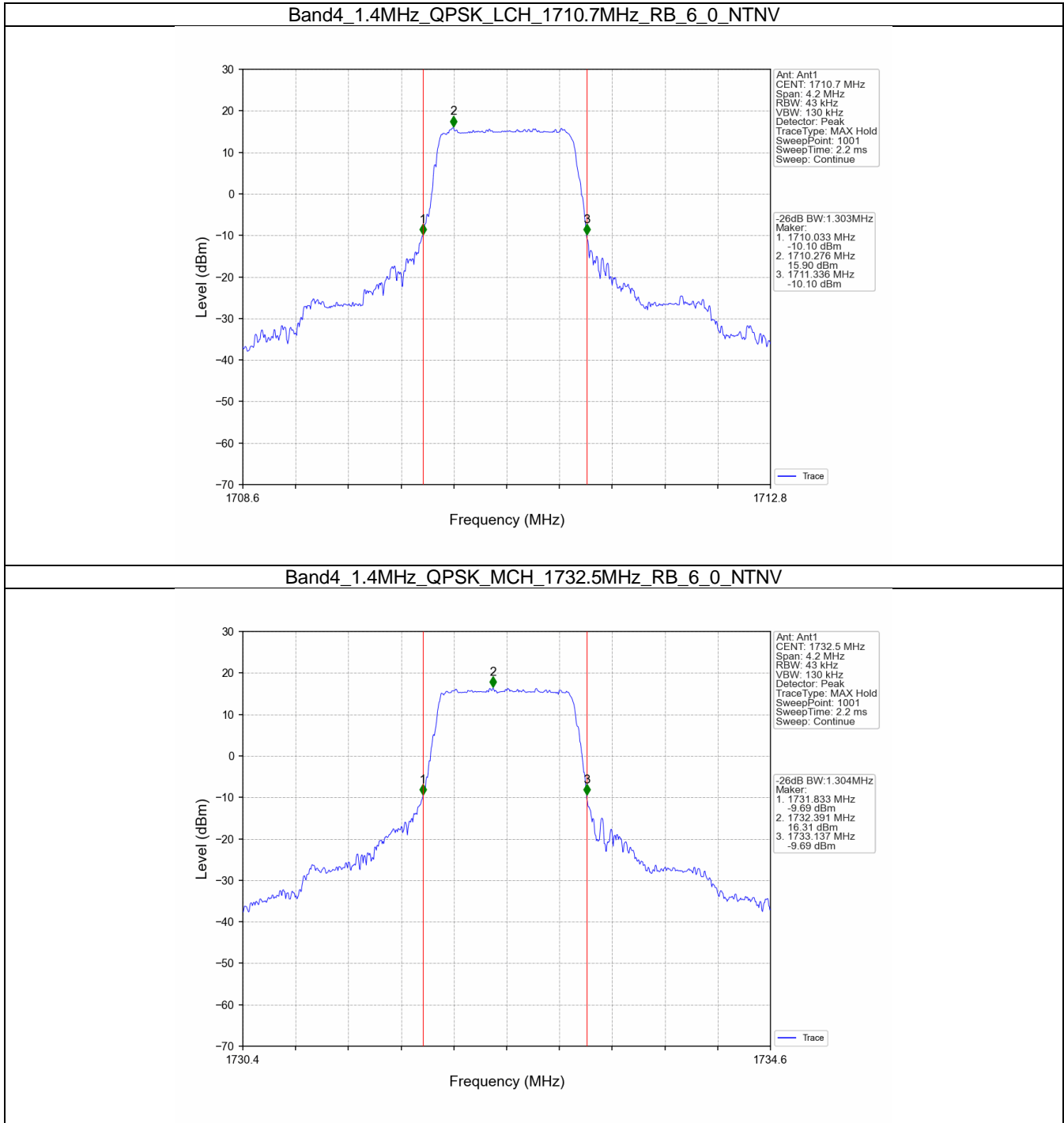


3.2 Band4_XDB

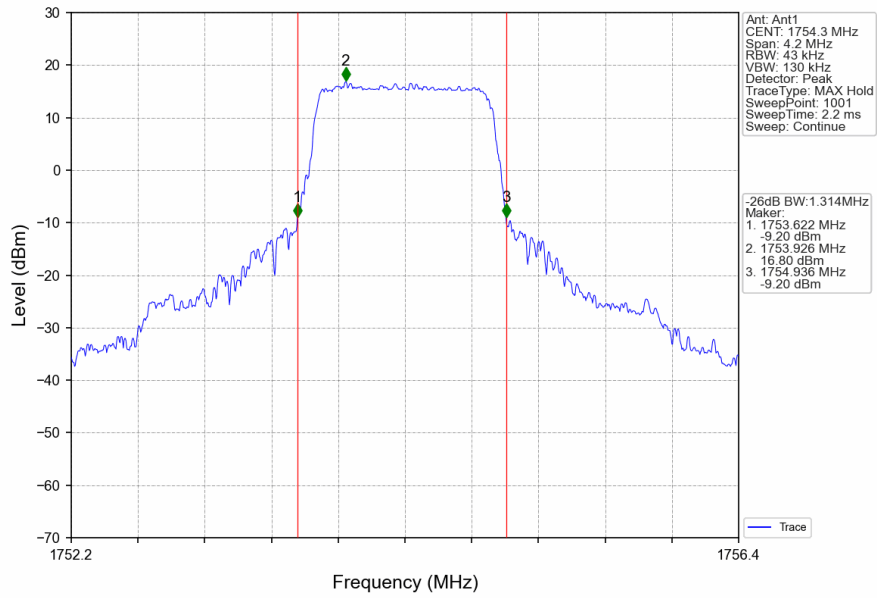
3.2.1 Test Result

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.303	Pass
		1732.5	6	0	1.304	Pass
		1754.3	6	0	1.314	Pass
	16QAM	1710.7	6	0	1.302	Pass
		1732.5	6	0	1.315	Pass
		1754.3	6	0	1.346	Pass
3	QPSK	1711.5	15	0	3.126	Pass
		1732.5	15	0	3.172	Pass
		1753.5	15	0	3.167	Pass
	16QAM	1711.5	15	0	3.220	Pass
		1732.5	15	0	3.206	Pass
		1753.5	15	0	3.249	Pass
5	QPSK	1712.5	25	0	5.455	Pass
		1732.5	25	0	5.946	Pass
		1752.5	25	0	5.550	Pass
	16QAM	1712.5	25	0	5.583	Pass
		1732.5	25	0	5.612	Pass
		1752.5	25	0	5.905	Pass
10	QPSK	1715	50	0	10.284	Pass
		1732.5	50	0	10.264	Pass
		1750	50	0	10.152	Pass
	16QAM	1715	50	0	10.245	Pass
		1732.5	50	0	10.693	Pass
		1750	50	0	10.216	Pass
15	QPSK	1717.5	75	0	16.056	Pass
		1732.5	75	0	16.688	Pass
		1747.5	75	0	15.730	Pass
	16QAM	1717.5	75	0	15.084	Pass
		1732.5	75	0	15.327	Pass
		1747.5	75	0	15.707	Pass
20	QPSK	1720	100	0	20.126	Pass
		1732.5	100	0	20.927	Pass
		1745	100	0	20.385	Pass
	16QAM	1720	100	0	20.802	Pass
		1732.5	100	0	21.051	Pass
		1745	100	0	20.366	Pass

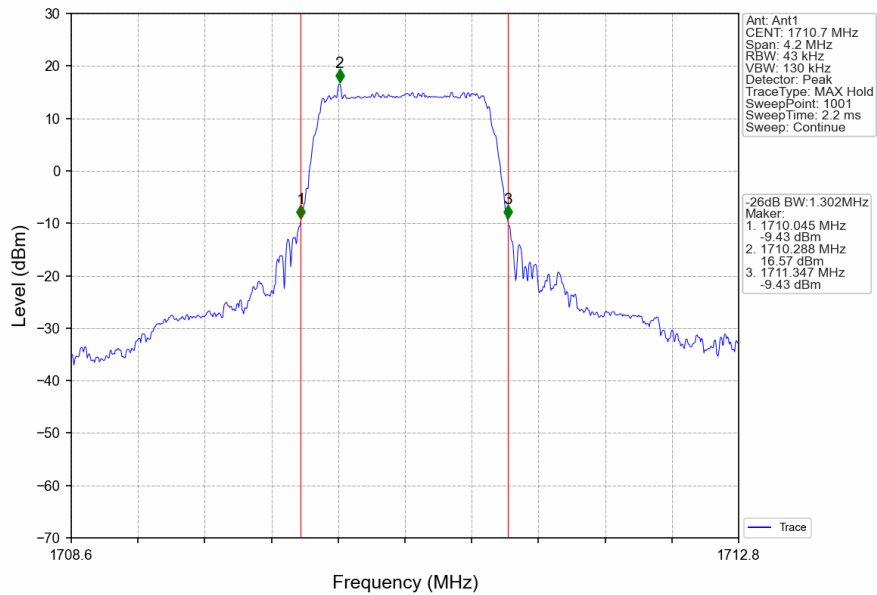
3.2.2 Test Graph



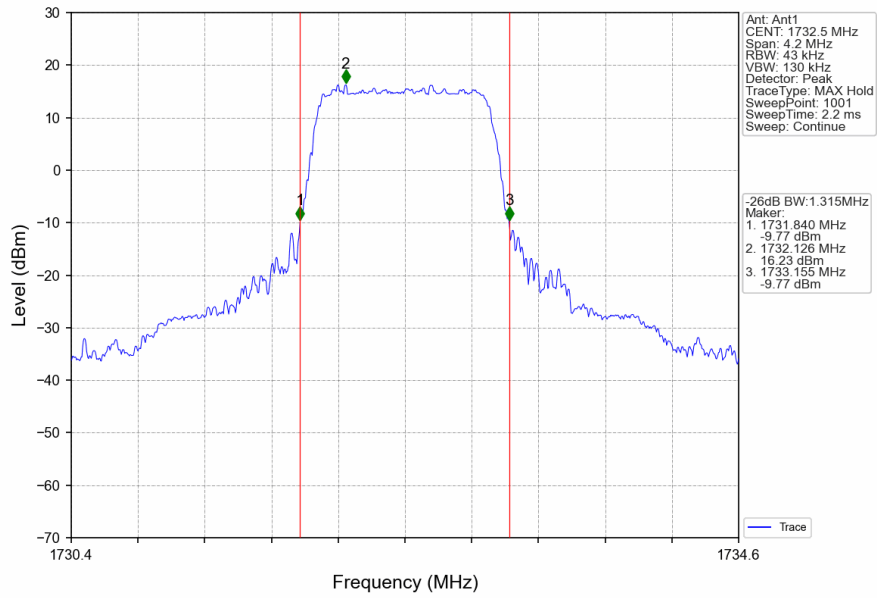
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



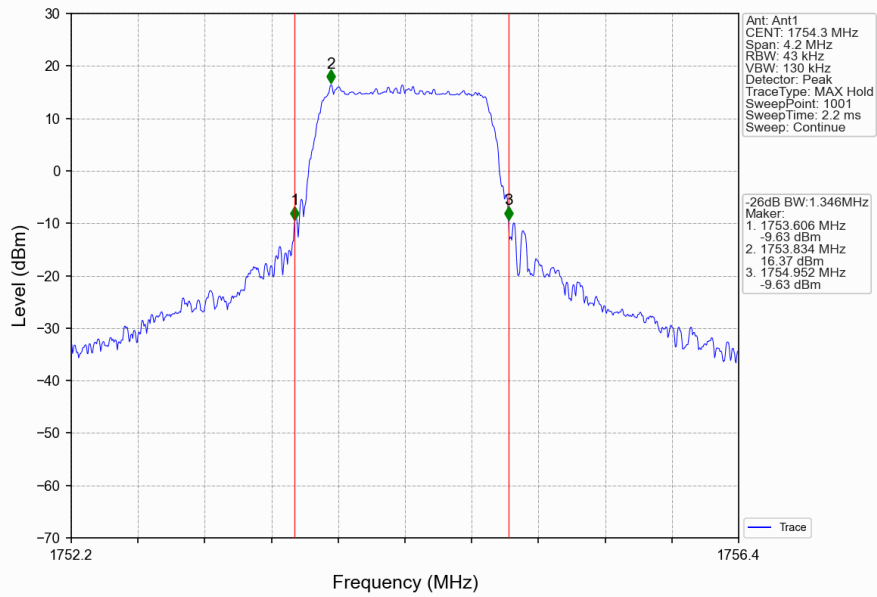
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



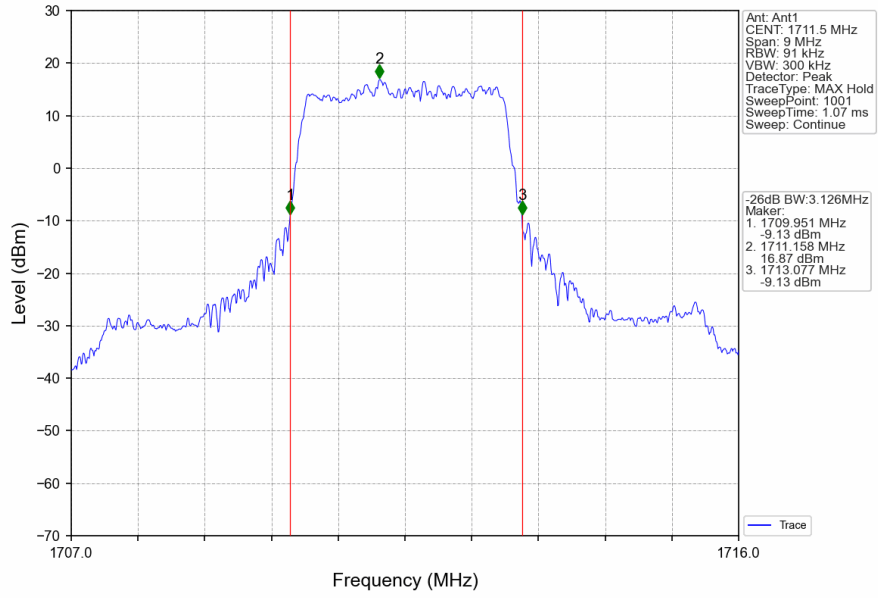
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



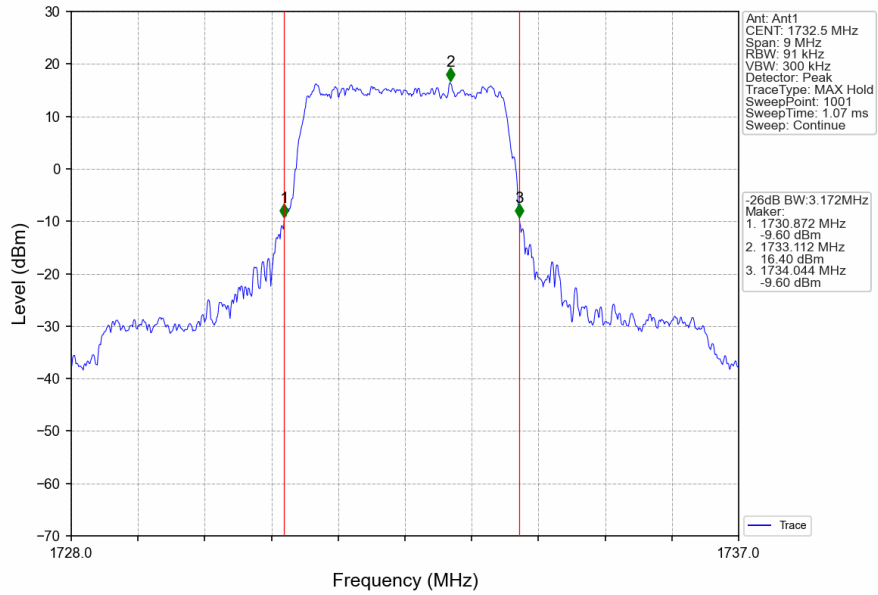
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



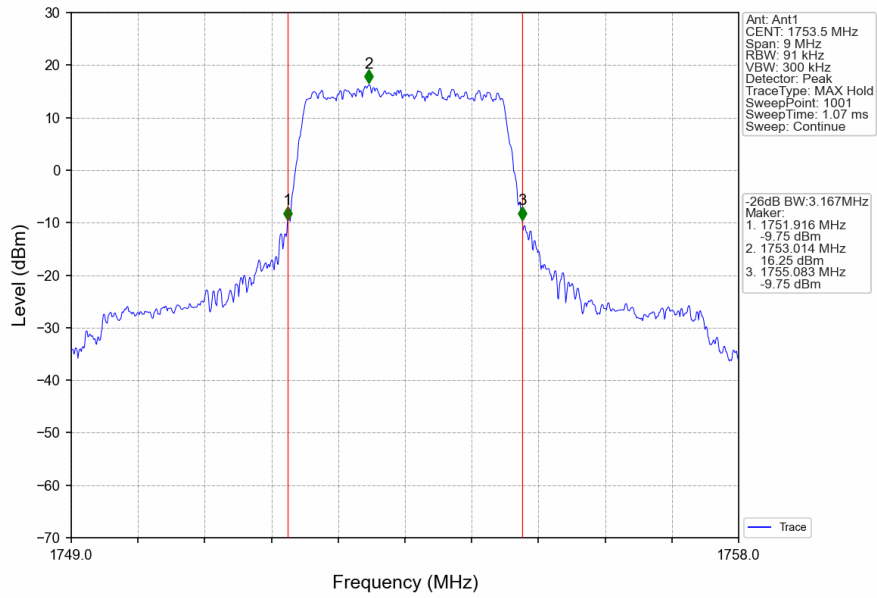
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



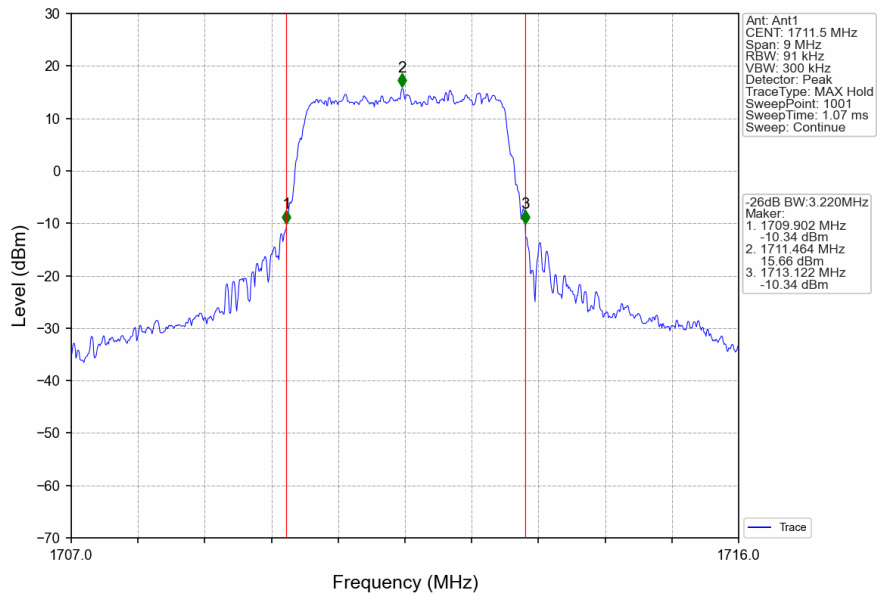
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



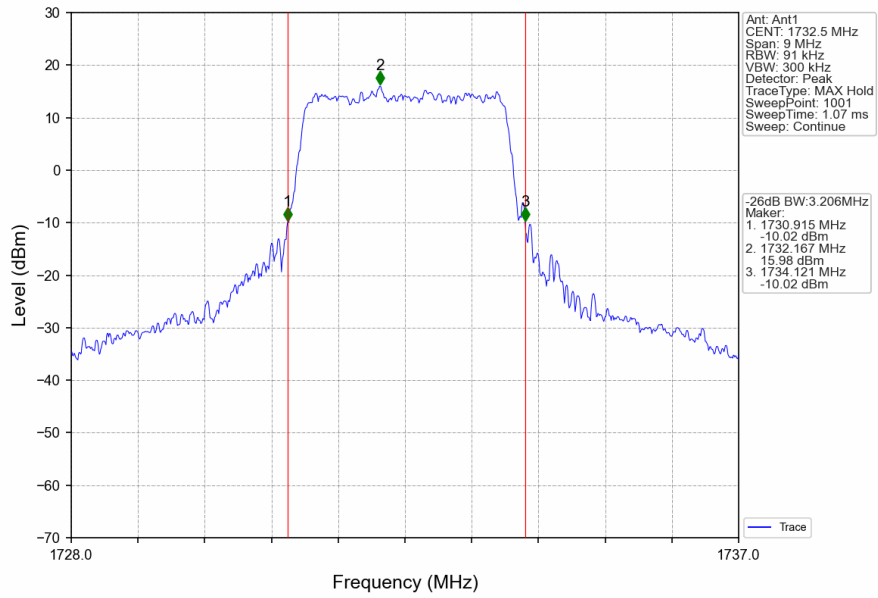
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



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

