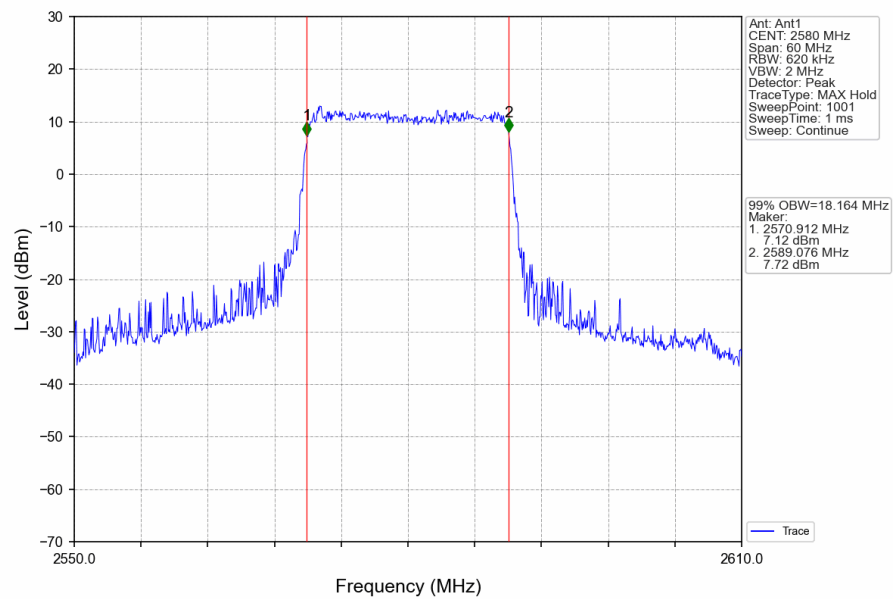
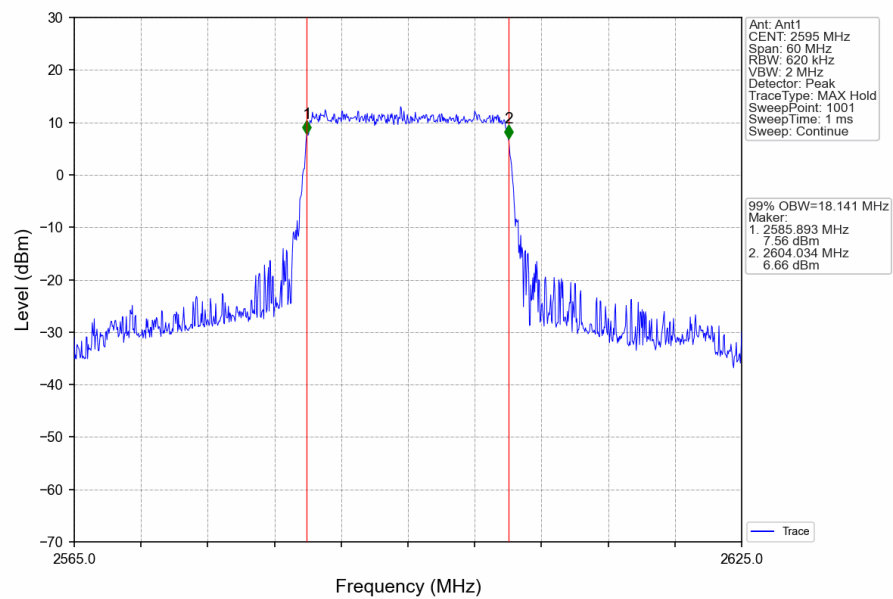


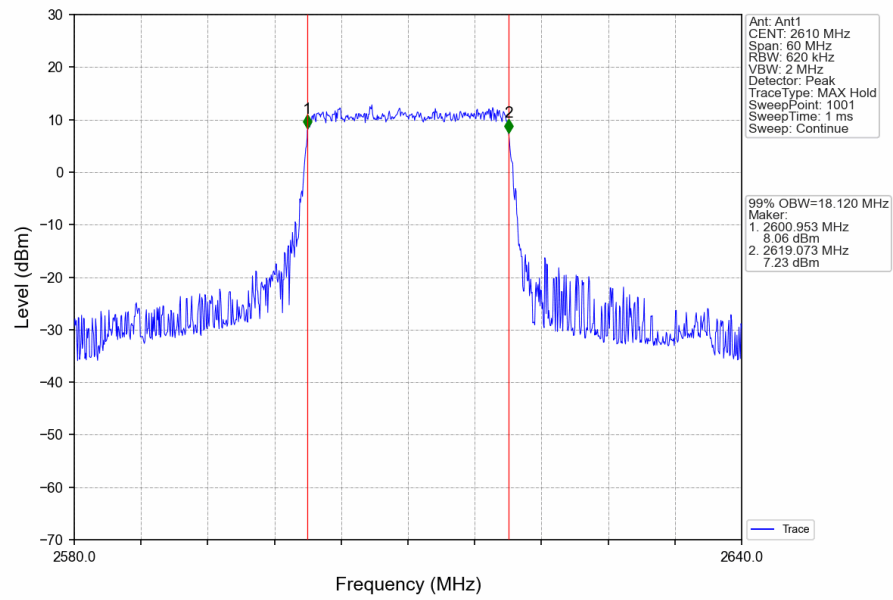
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



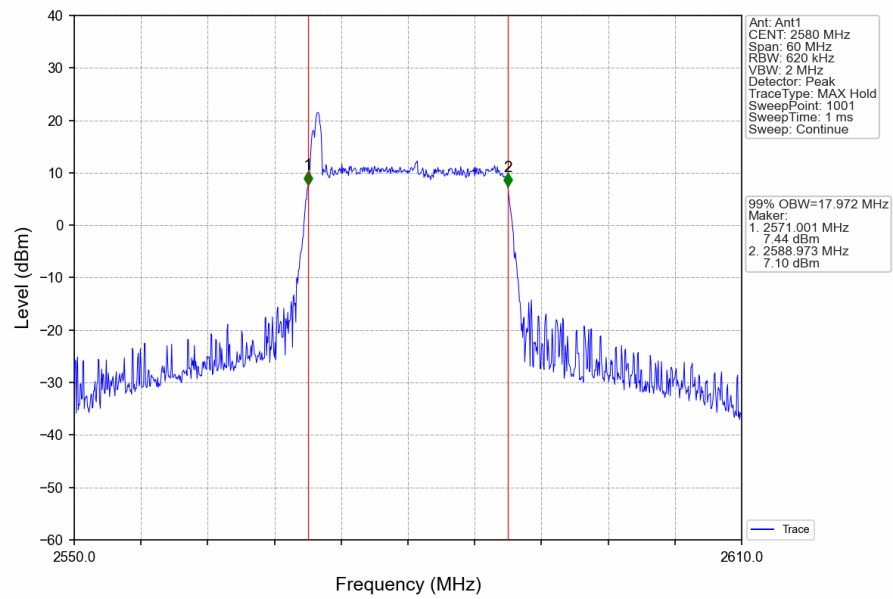
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



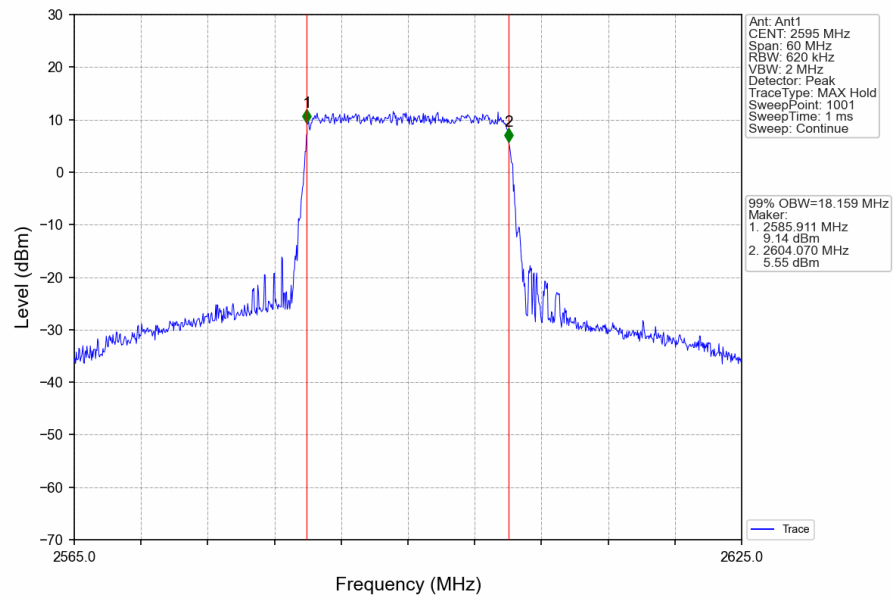
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



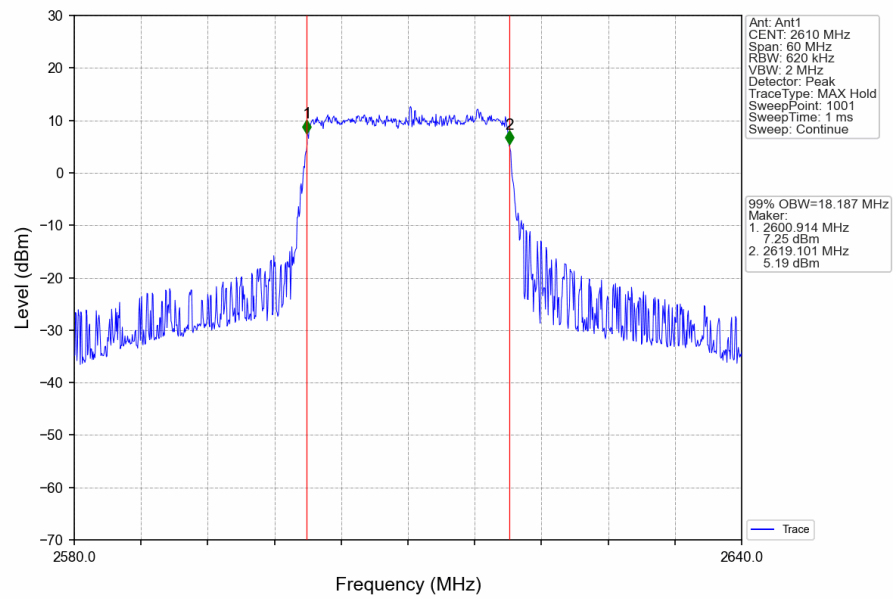
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV

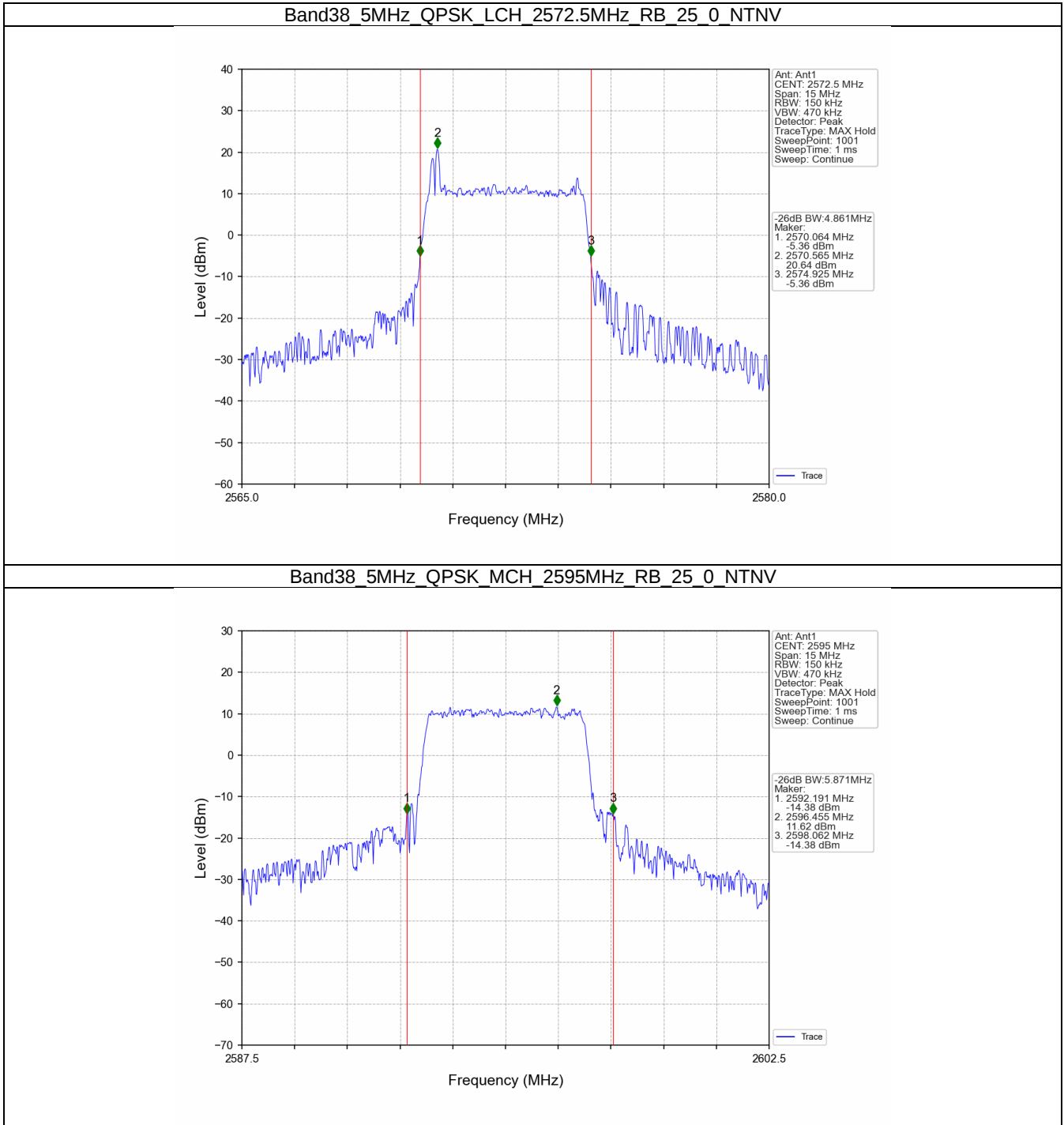


2.2 Band38_XDB

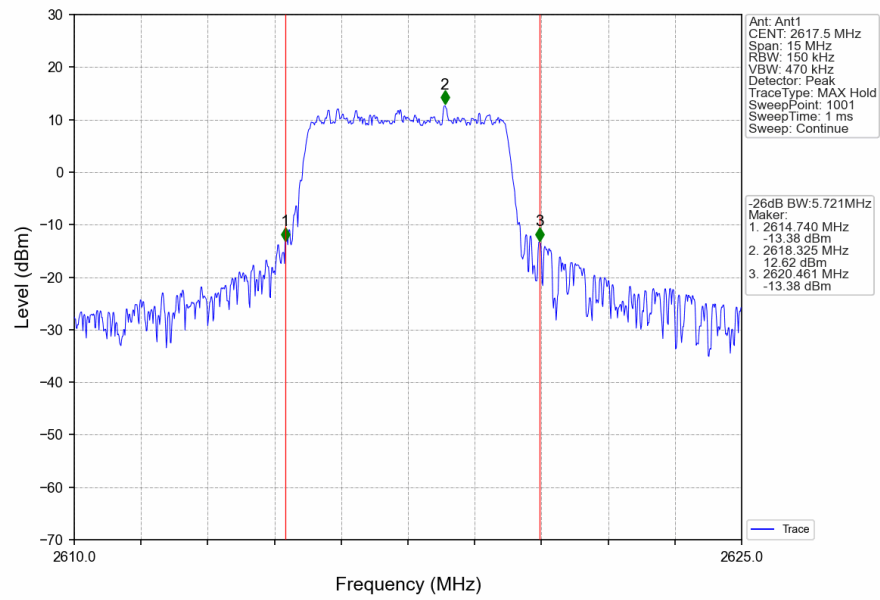
2.2.1 Test Result

Band: 38 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2572.5	25	0	4.861	Pass
		2595	25	0	5.871	Pass
		2617.5	25	0	5.721	Pass
	16QAM	2572.5	25	0	5.296	Pass
		2595	25	0	5.479	Pass
		2617.5	25	0	5.581	Pass
10	QPSK	2575	50	0	10.385	Pass
		2595	50	0	11.236	Pass
		2615	50	0	10.850	Pass
	16QAM	2575	50	0	10.322	Pass
		2595	50	0	9.768	Pass
		2615	50	0	10.199	Pass
15	QPSK	2577.5	75	0	15.571	Pass
		2595	75	0	14.930	Pass
		2612.5	75	0	15.493	Pass
	16QAM	2577.5	75	0	16.702	Pass
		2595	75	0	14.845	Pass
		2612.5	75	0	15.647	Pass
20	QPSK	2580	100	0	20.227	Pass
		2595	100	0	20.529	Pass
		2610	100	0	20.507	Pass
	16QAM	2580	100	0	19.065	Pass
		2595	100	0	20.174	Pass
		2610	100	0	22.017	Pass

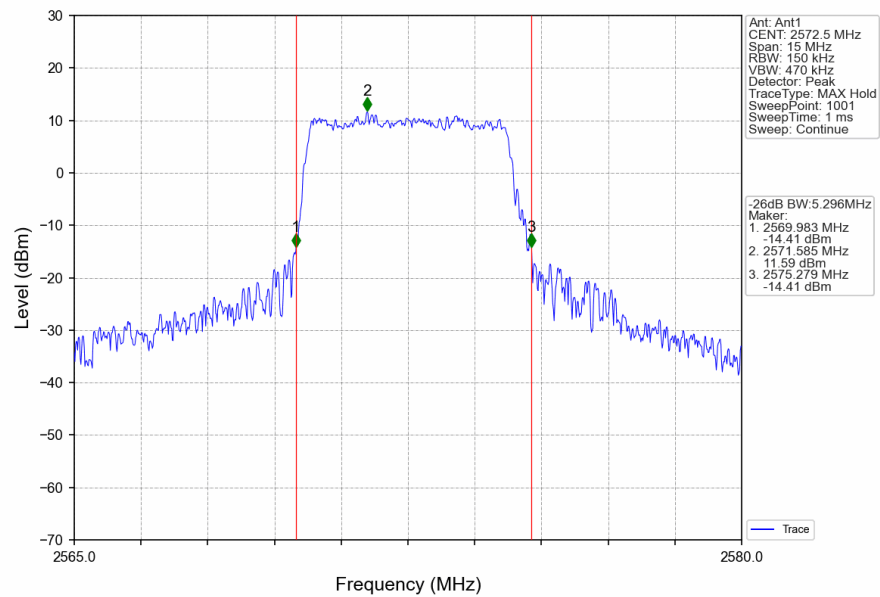
2.2.2 Test Graph



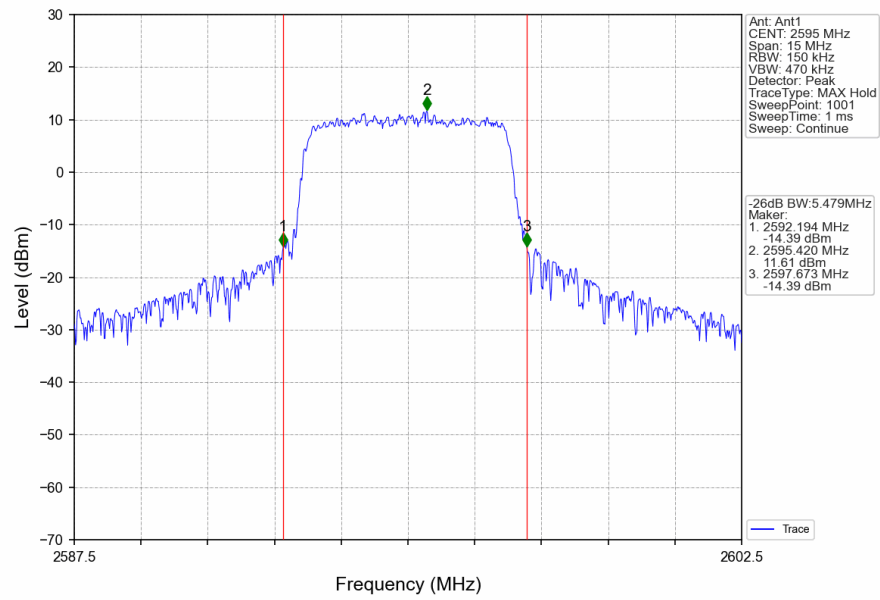
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



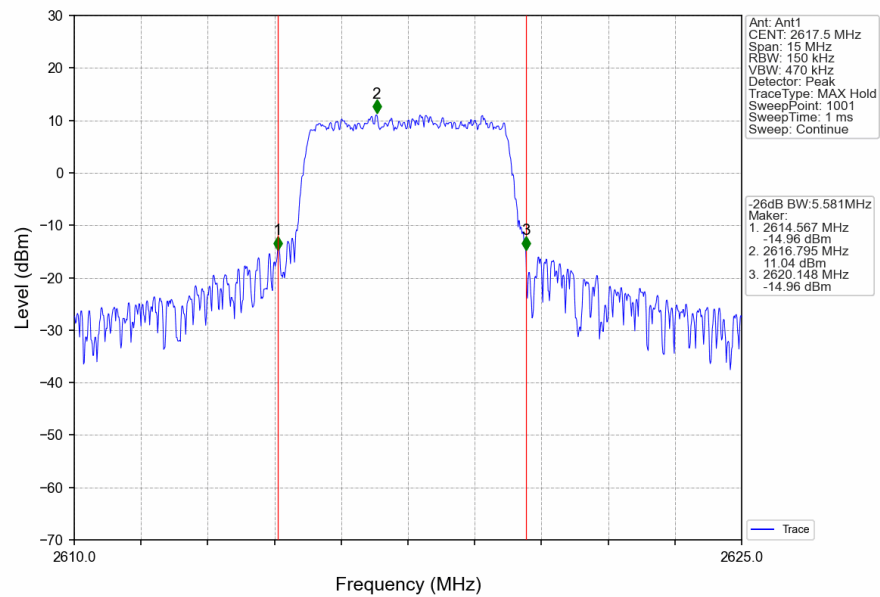
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



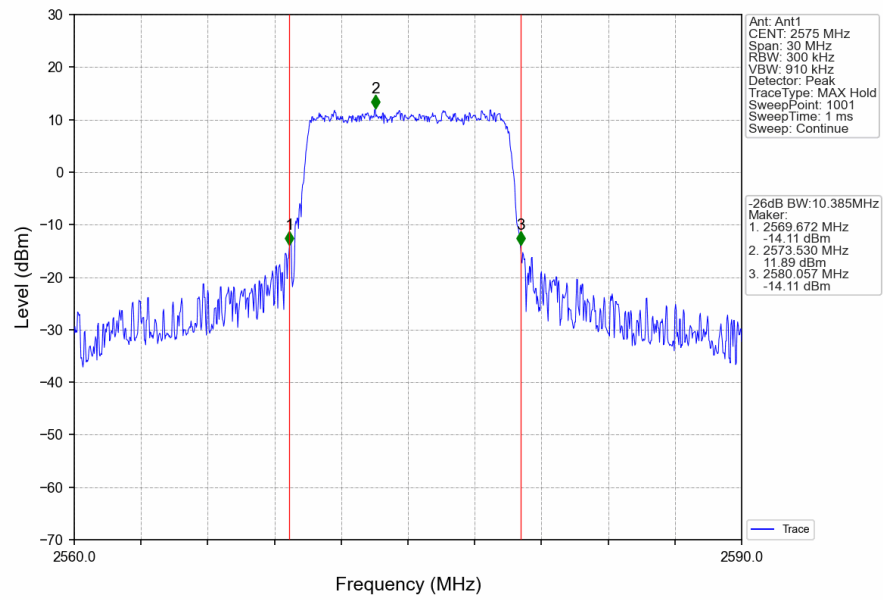
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



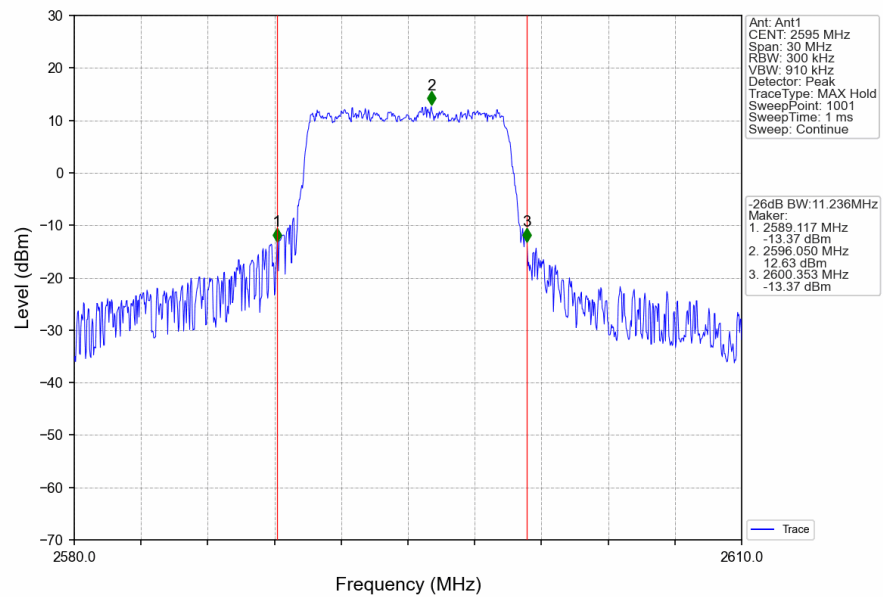
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



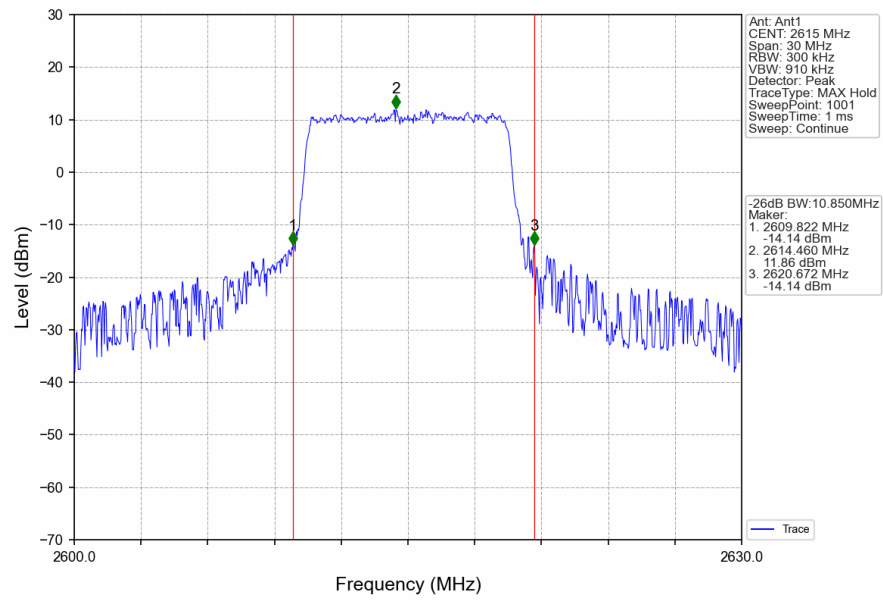
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



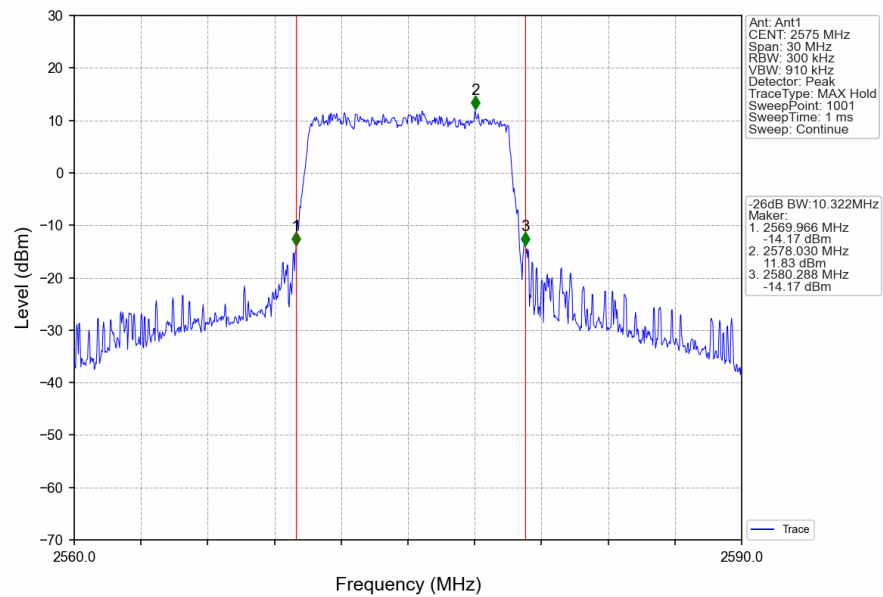
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



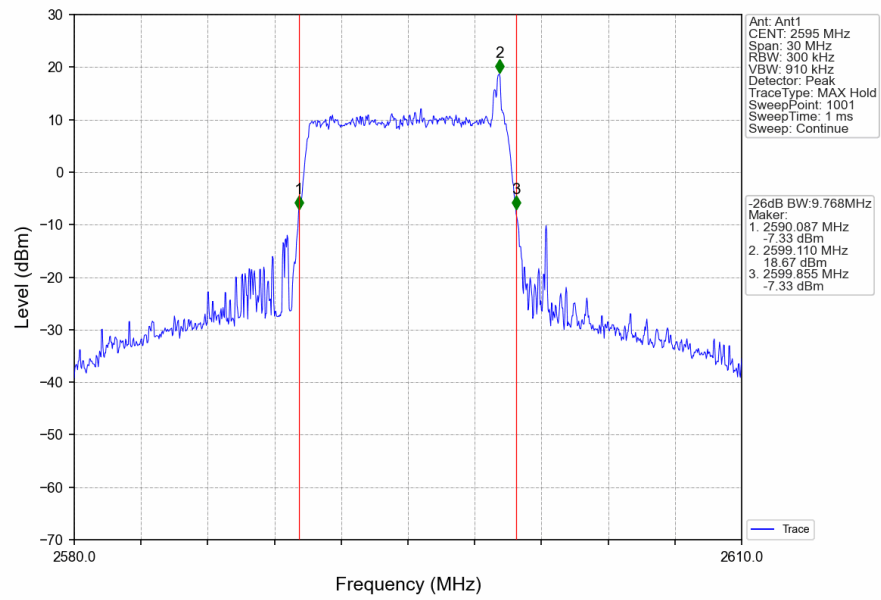
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



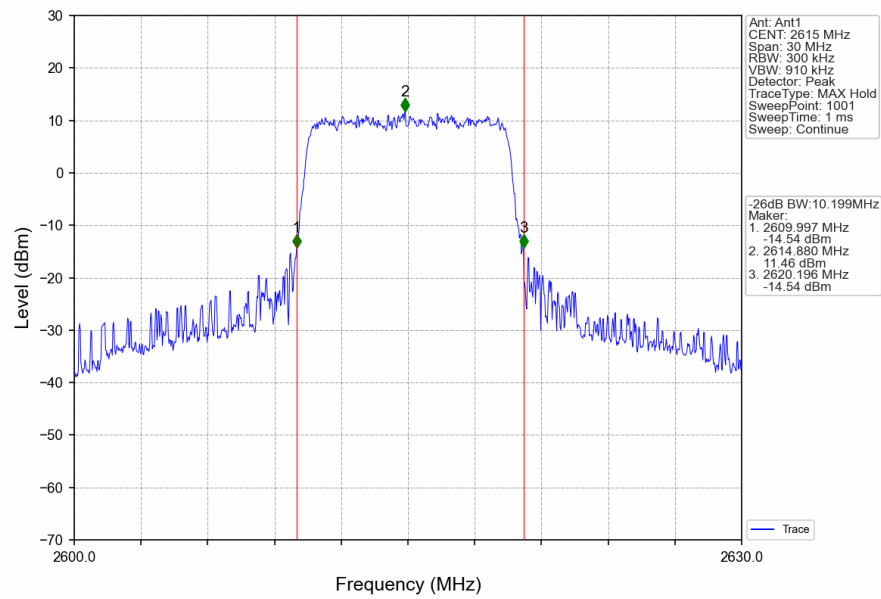
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



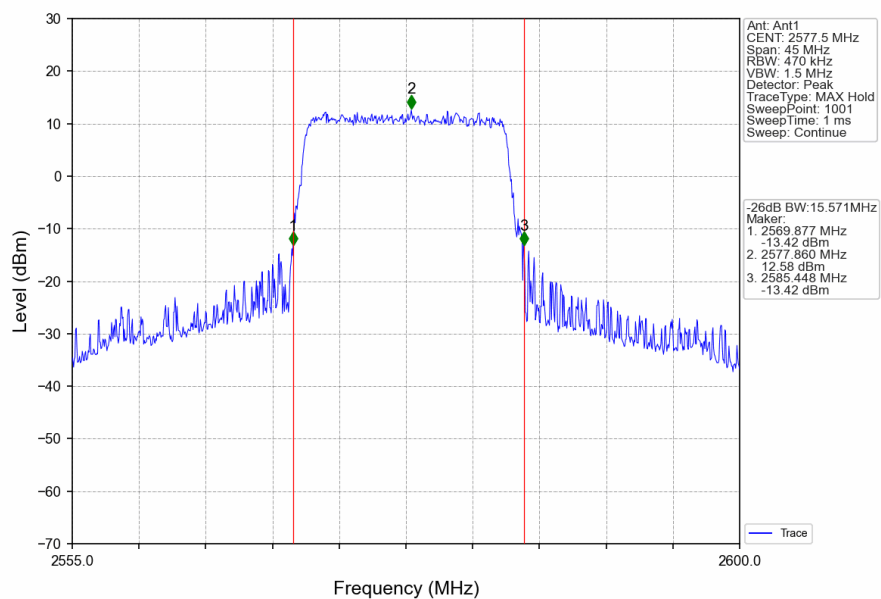
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



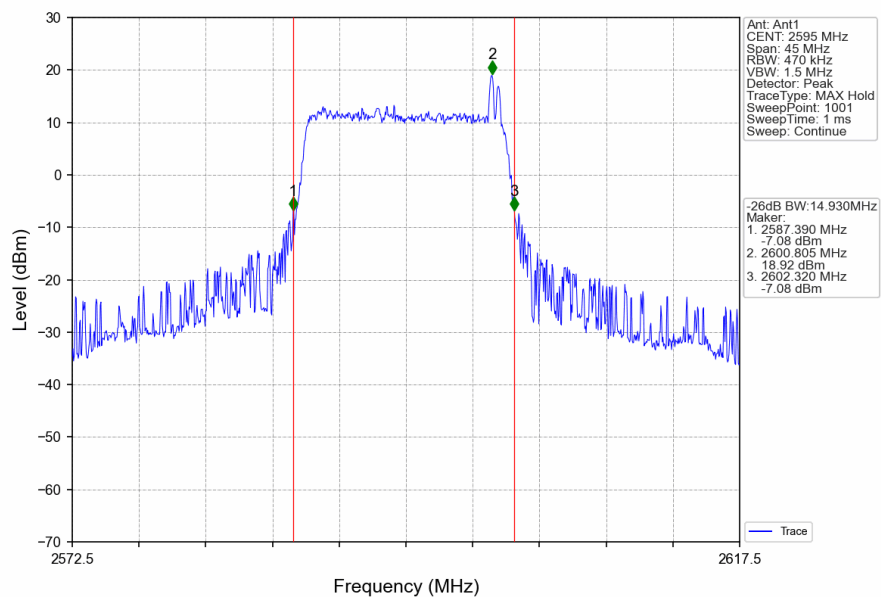
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



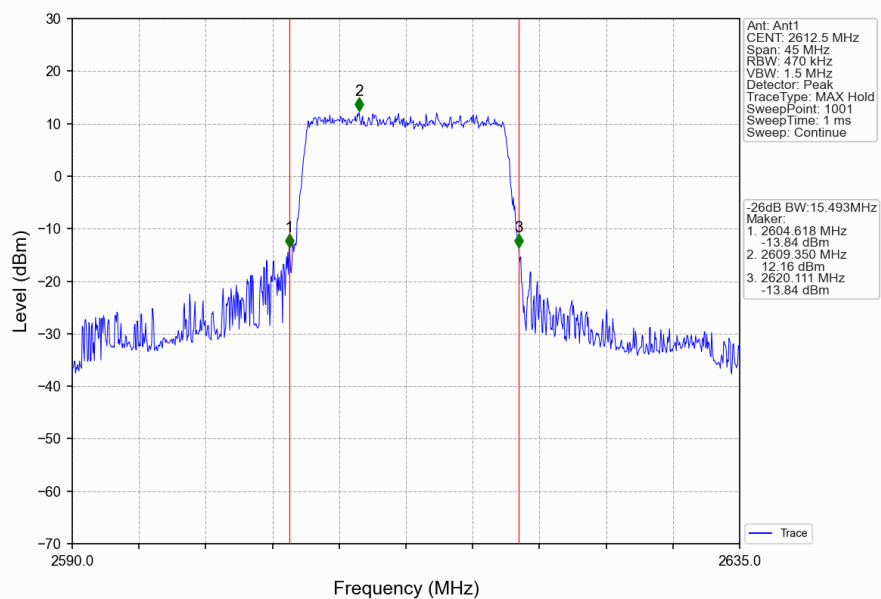
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



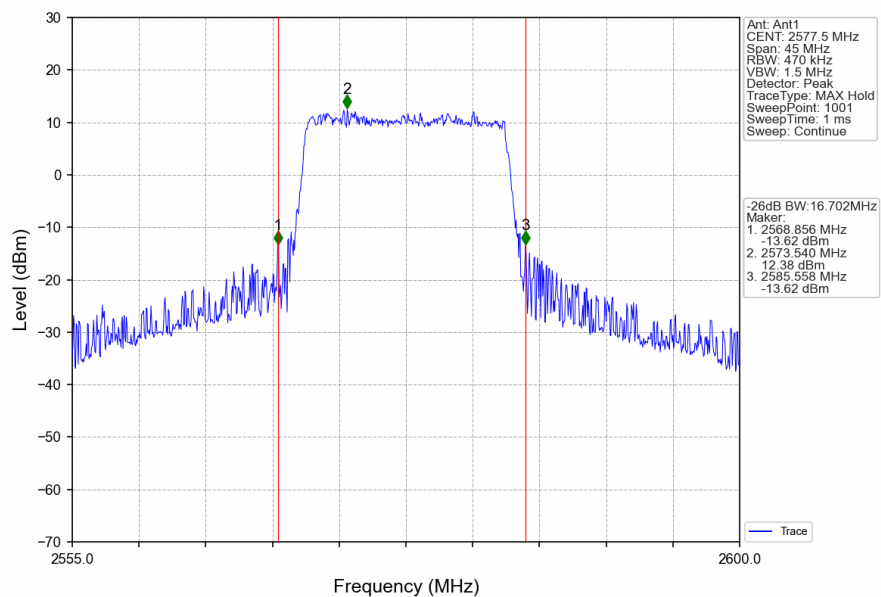
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



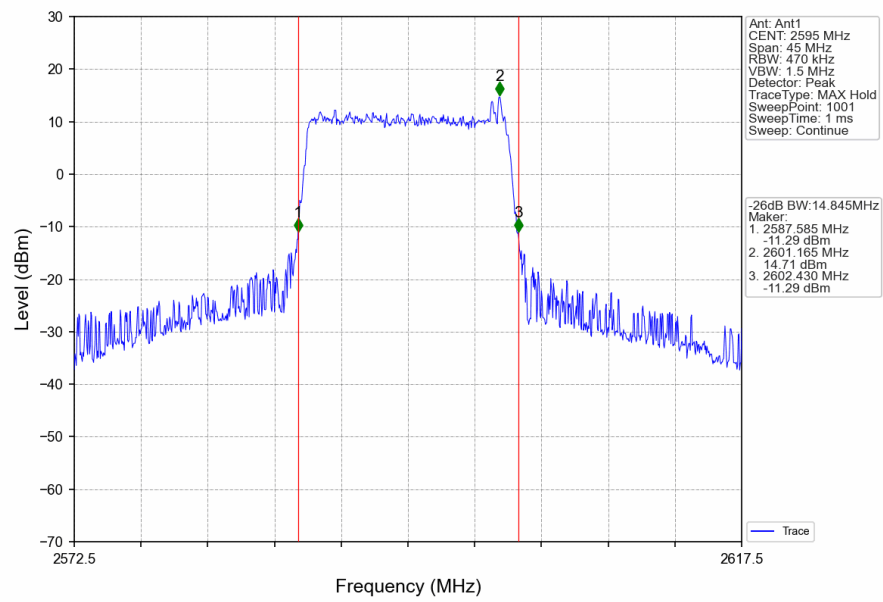
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



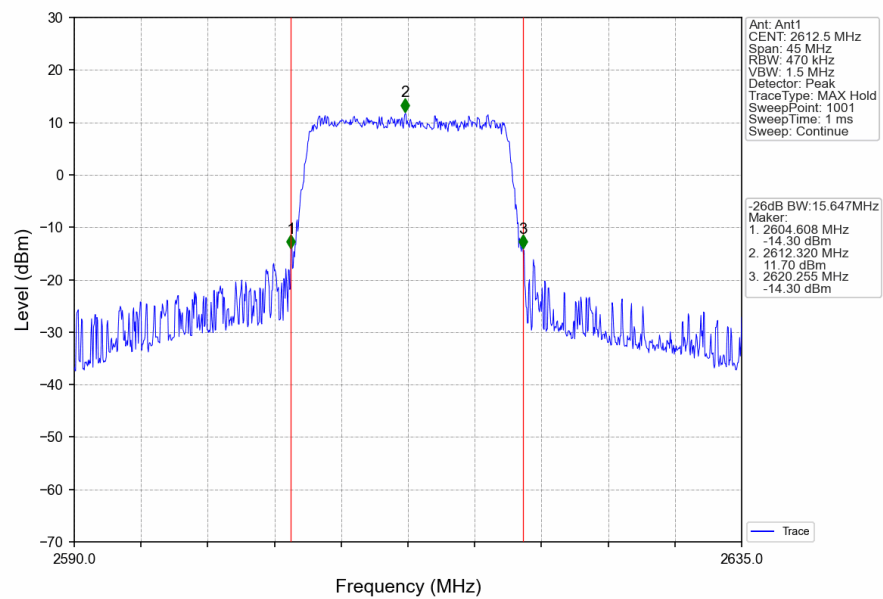
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



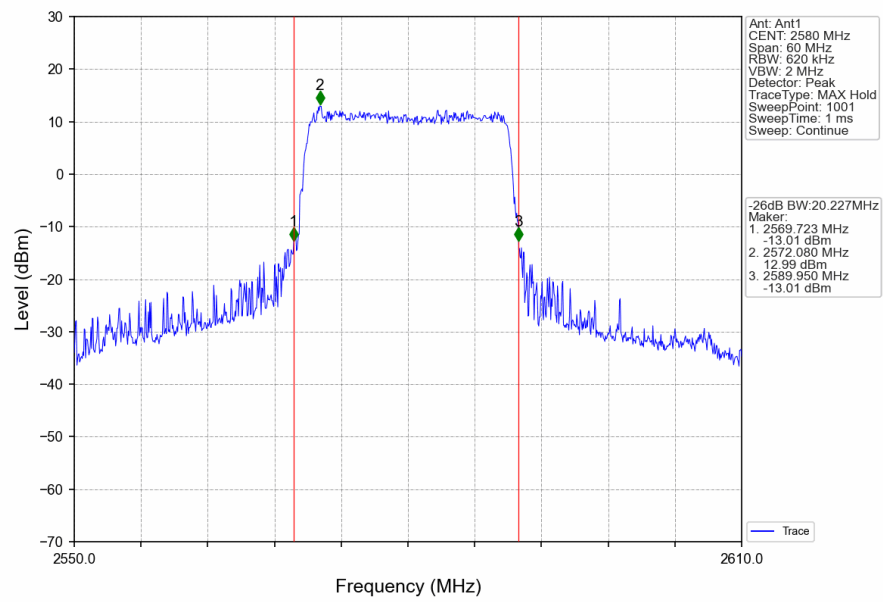
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



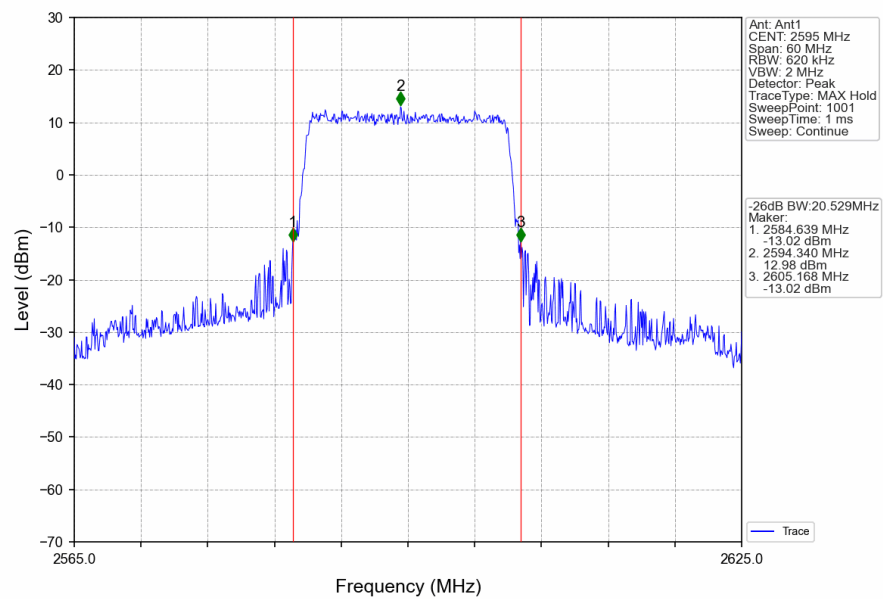
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



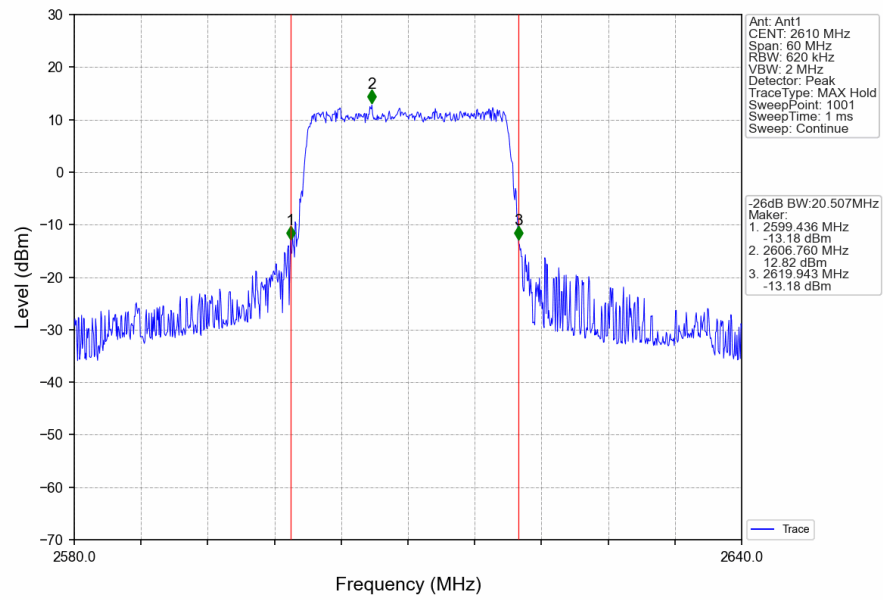
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



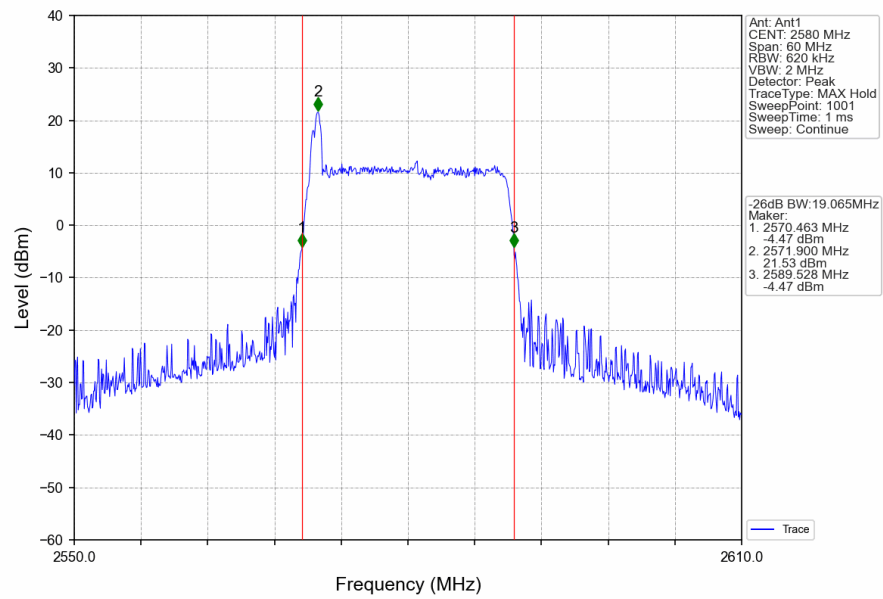
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



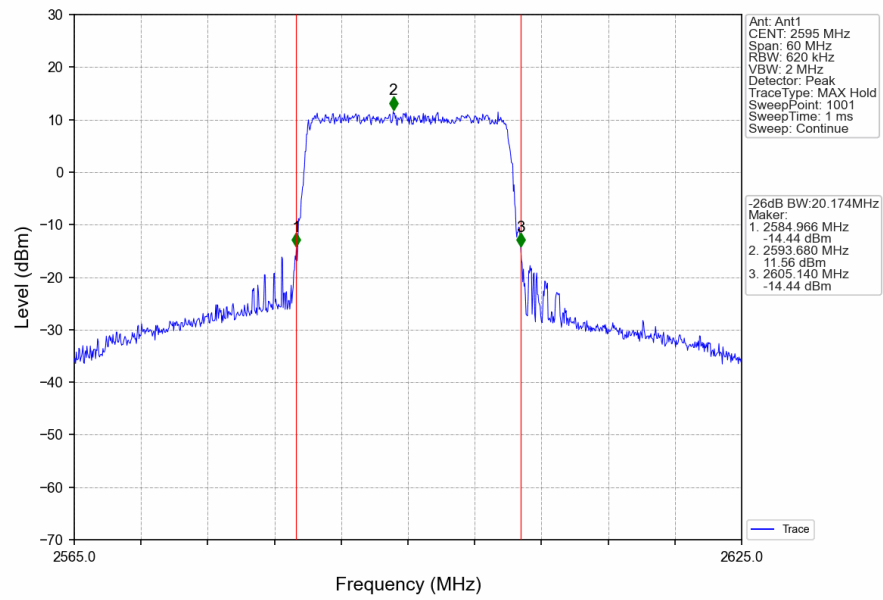
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



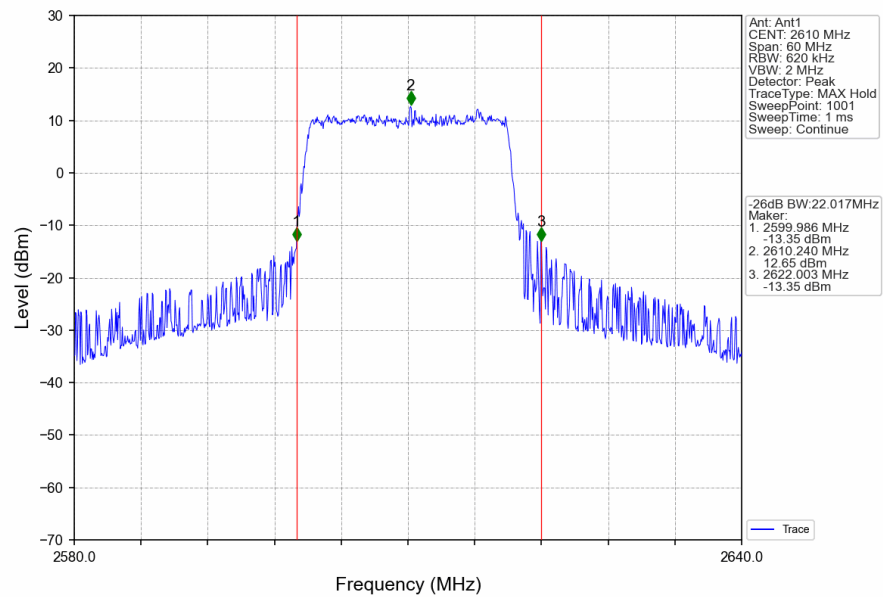
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



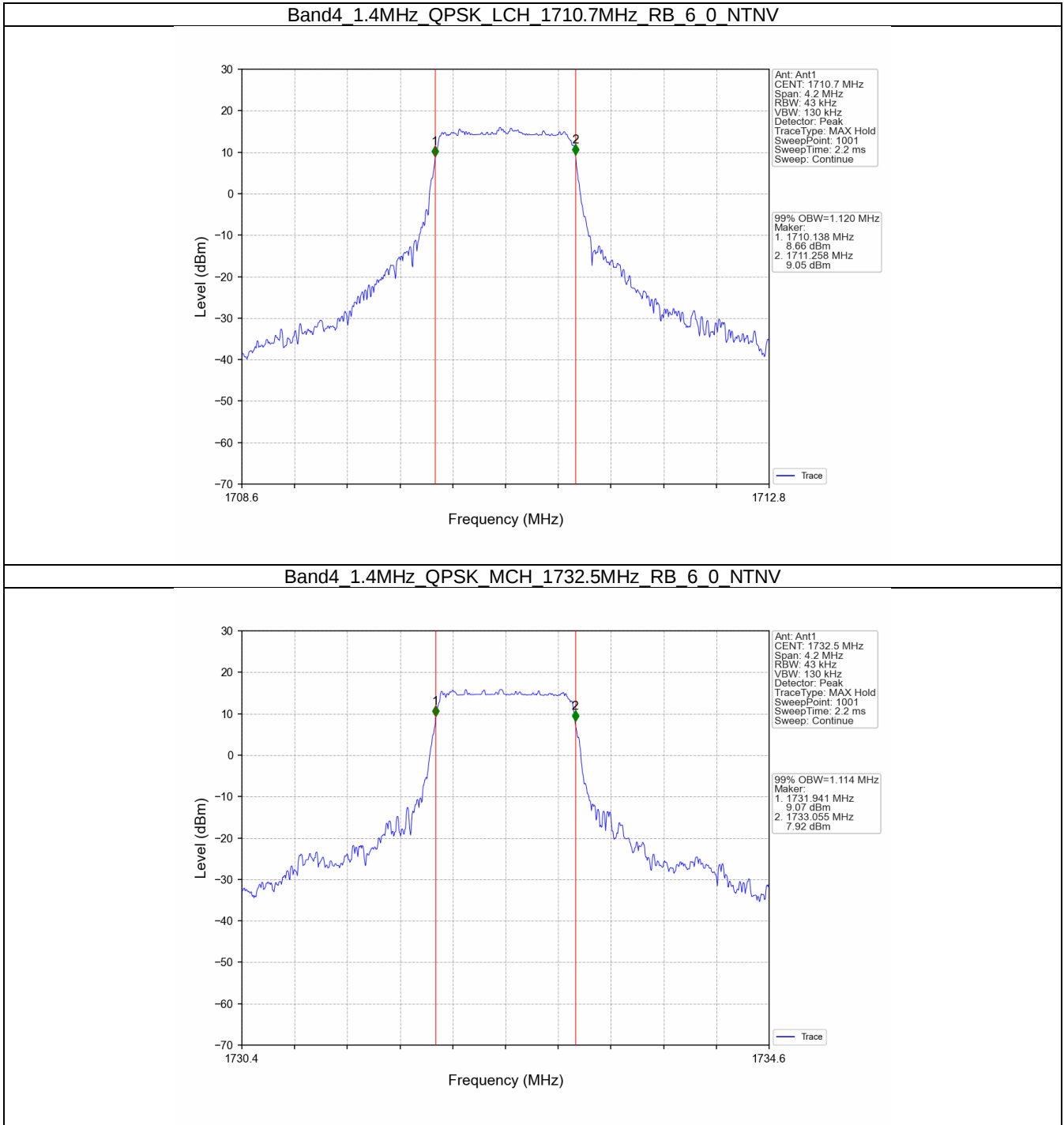
3. 99% & 26dB Bandwidth

3.1 Band4_OBW

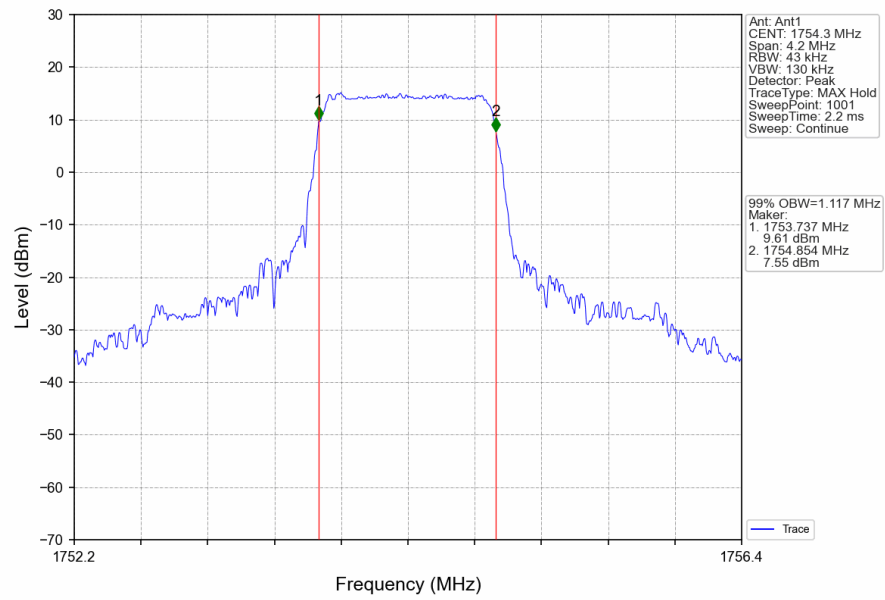
3.1.1 Test Result

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	1.120	Pass
		1732.5	6	0	1.114	Pass
		1754.3	6	0	1.117	Pass
	16QAM	1710.7	6	0	1.116	Pass
		1732.5	6	0	1.106	Pass
		1754.3	6	0	1.114	Pass
3	QPSK	1711.5	15	0	2.759	Pass
		1732.5	15	0	2.760	Pass
		1753.5	15	0	2.747	Pass
	16QAM	1711.5	15	0	2.765	Pass
		1732.5	15	0	2.777	Pass
		1753.5	15	0	2.748	Pass
5	QPSK	1712.5	25	0	4.589	Pass
		1732.5	25	0	4.579	Pass
		1752.5	25	0	4.563	Pass
	16QAM	1712.5	25	0	4.590	Pass
		1732.5	25	0	4.592	Pass
		1752.5	25	0	4.613	Pass
10	QPSK	1715	50	0	9.071	Pass
		1732.5	50	0	9.079	Pass
		1750	50	0	9.050	Pass
	16QAM	1715	50	0	9.079	Pass
		1732.5	50	0	9.089	Pass
		1750	50	0	9.047	Pass
15	QPSK	1717.5	75	0	13.590	Pass
		1732.5	75	0	13.629	Pass
		1747.5	75	0	13.564	Pass
	16QAM	1717.5	75	0	13.623	Pass
		1732.5	75	0	13.618	Pass
		1747.5	75	0	13.625	Pass
20	QPSK	1720	100	0	18.055	Pass
		1732.5	100	0	18.164	Pass
		1745	100	0	18.186	Pass
	16QAM	1720	100	0	18.157	Pass
		1732.5	100	0	18.188	Pass
		1745	100	0	18.210	Pass

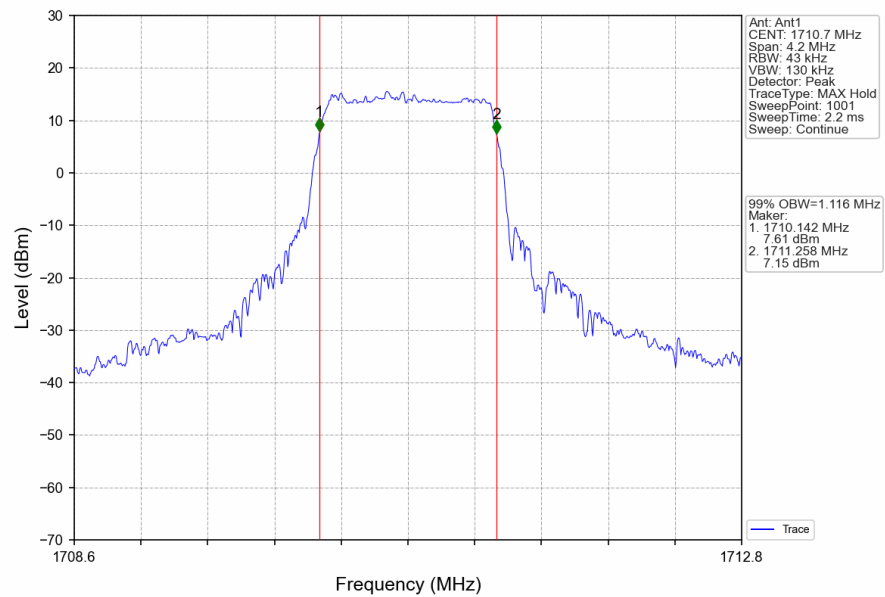
3.1.2 Test Graph



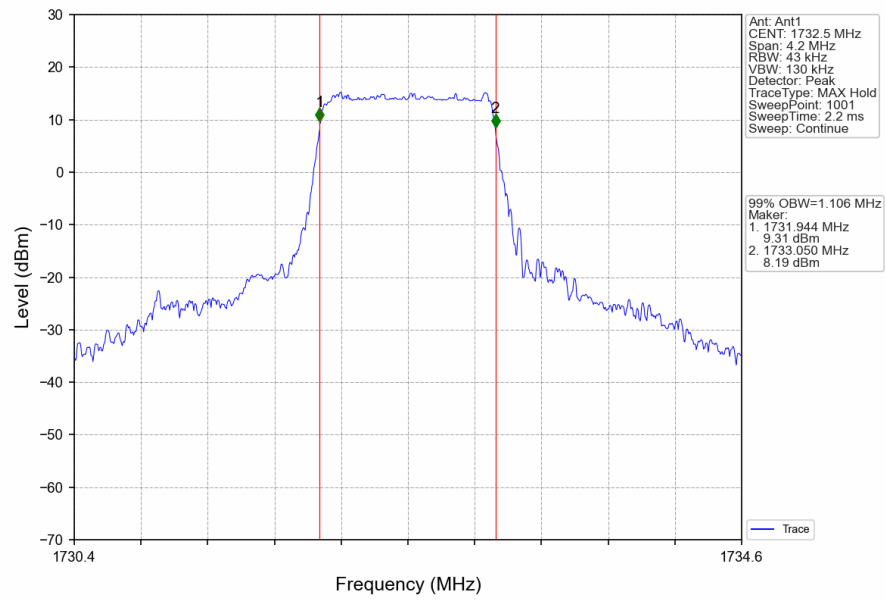
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



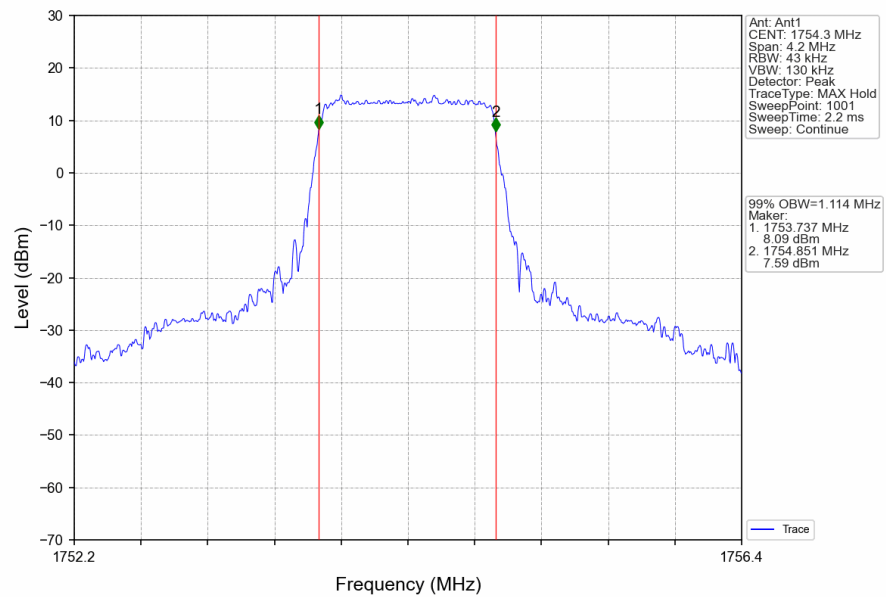
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



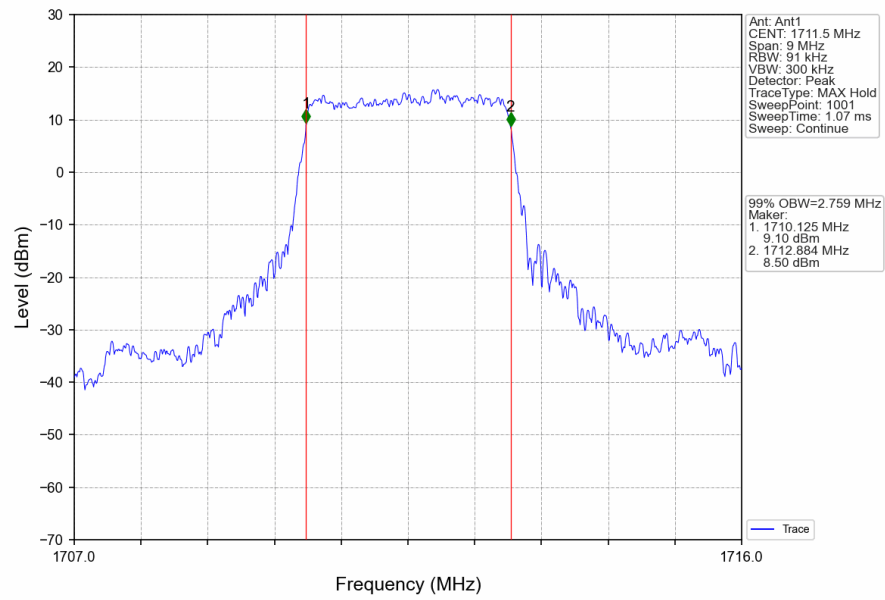
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



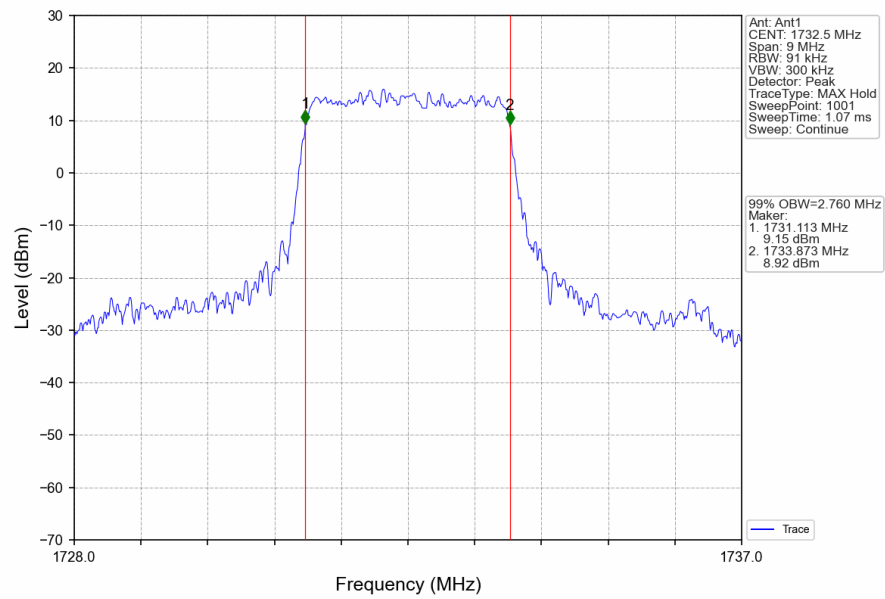
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



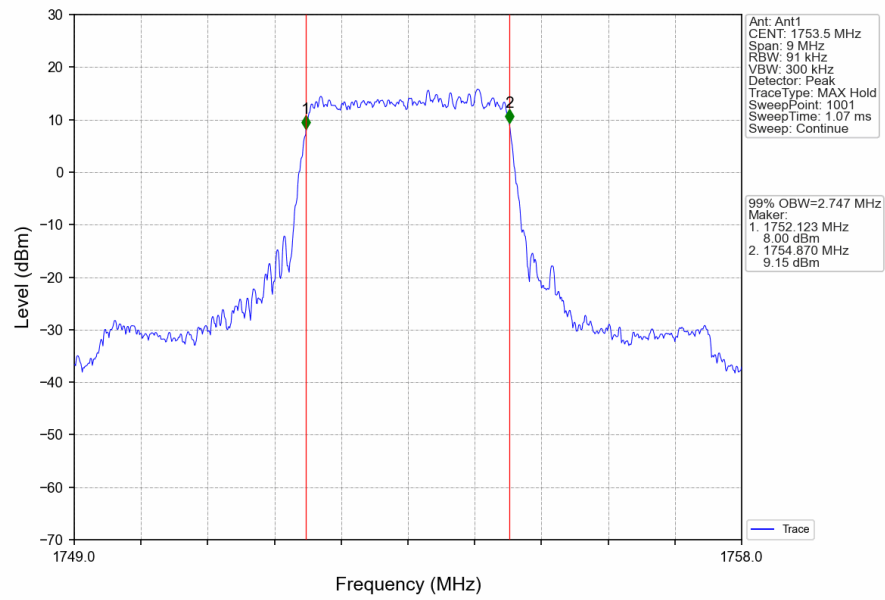
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



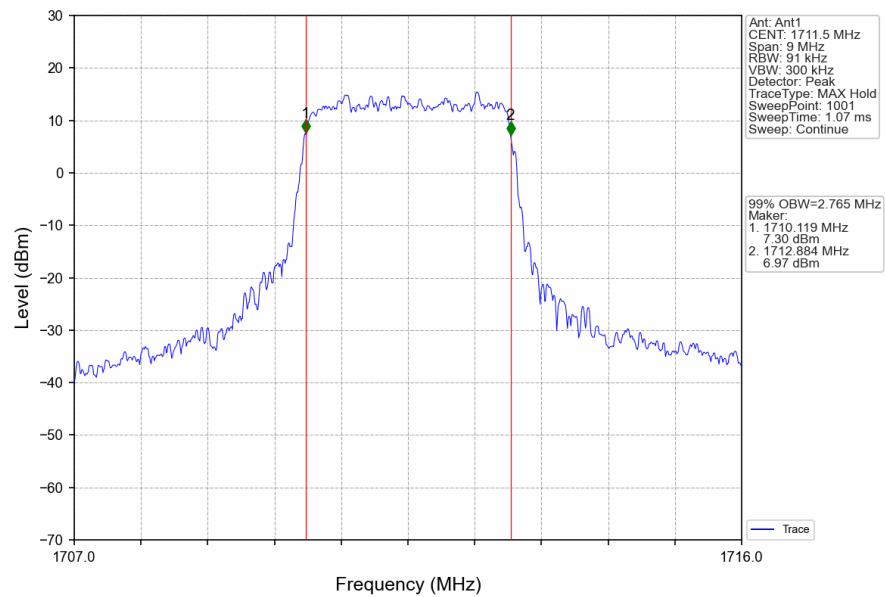
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



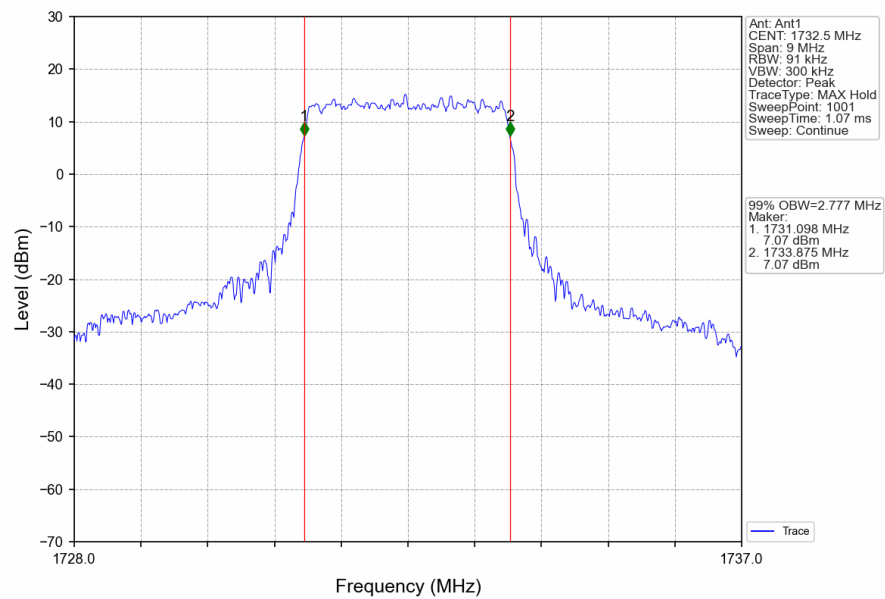
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



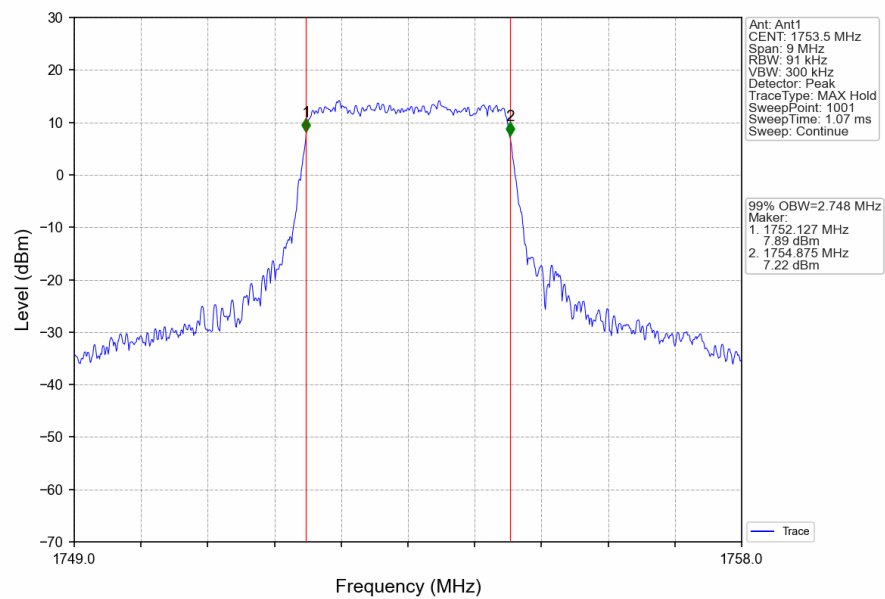
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



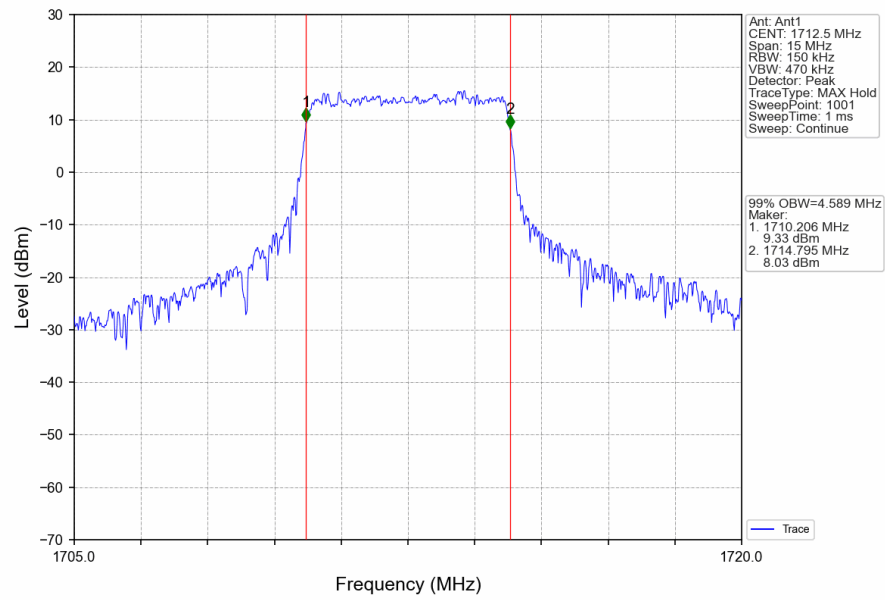
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



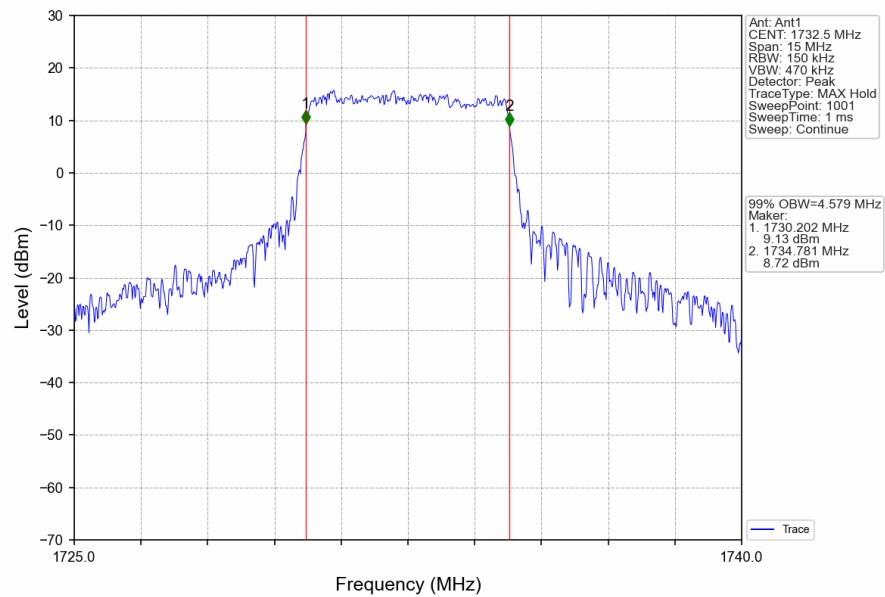
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



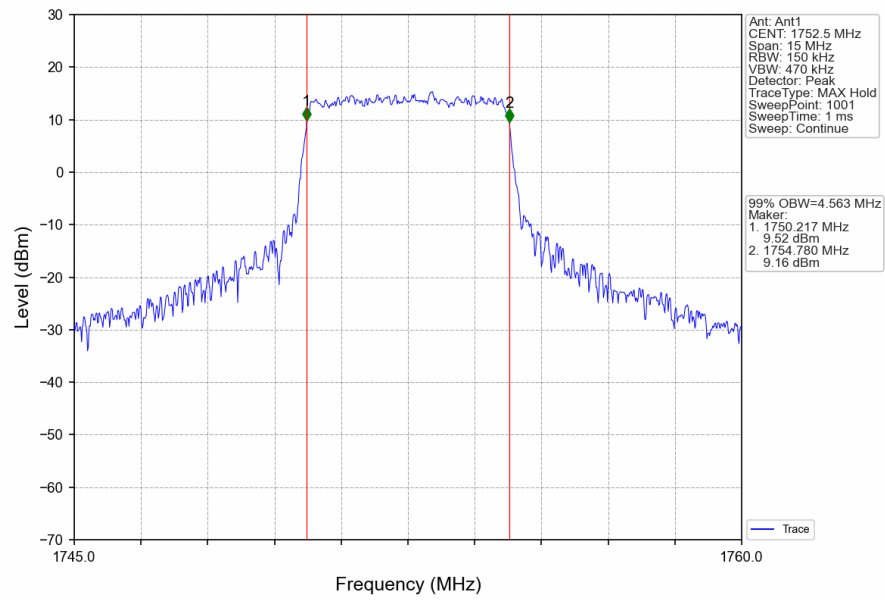
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



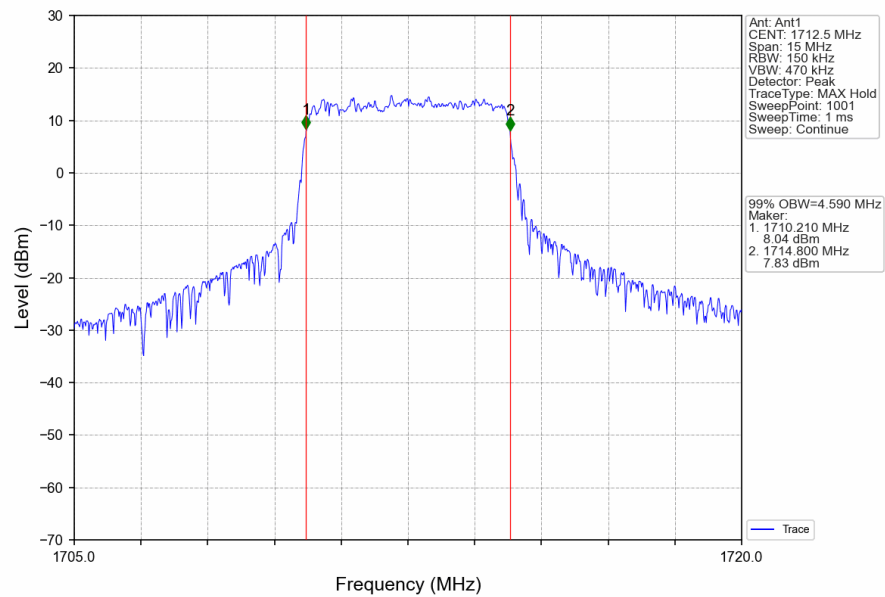
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



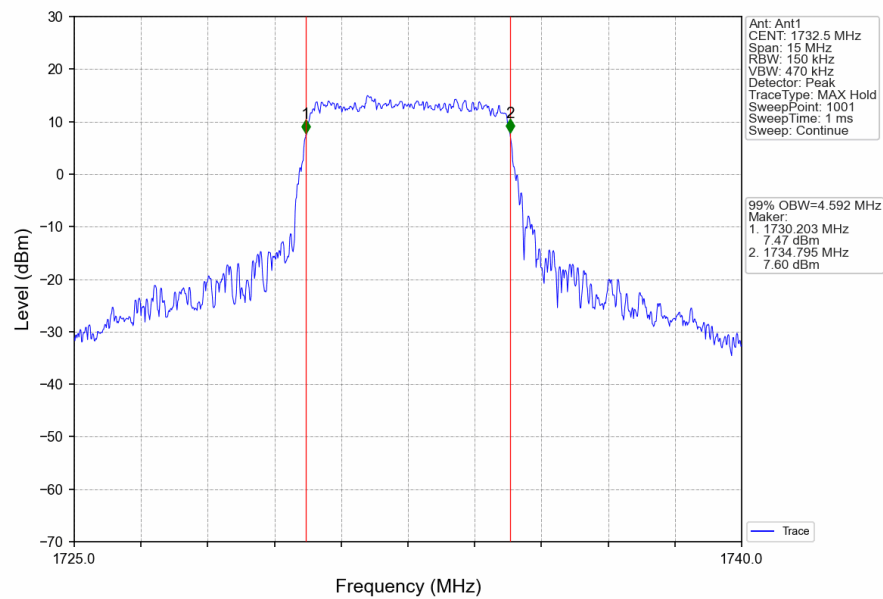
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



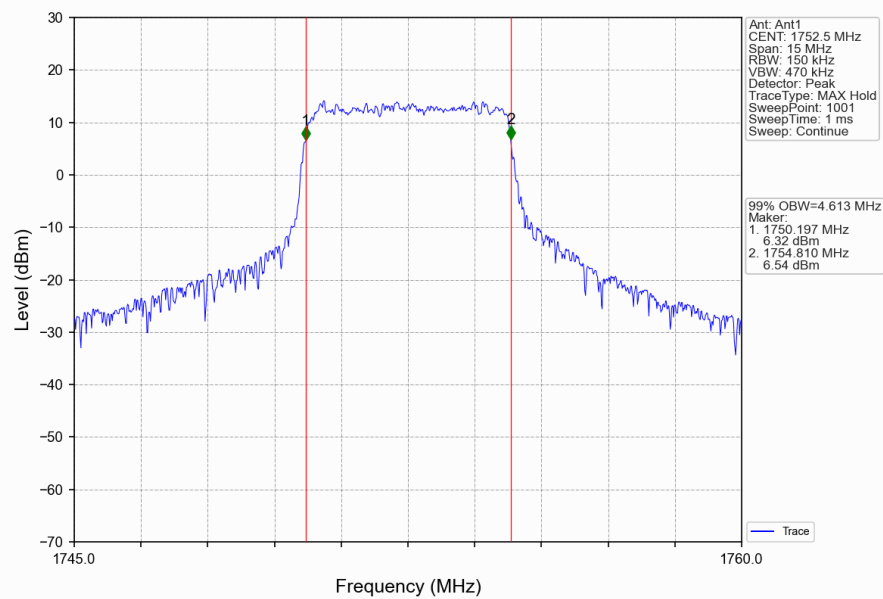
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



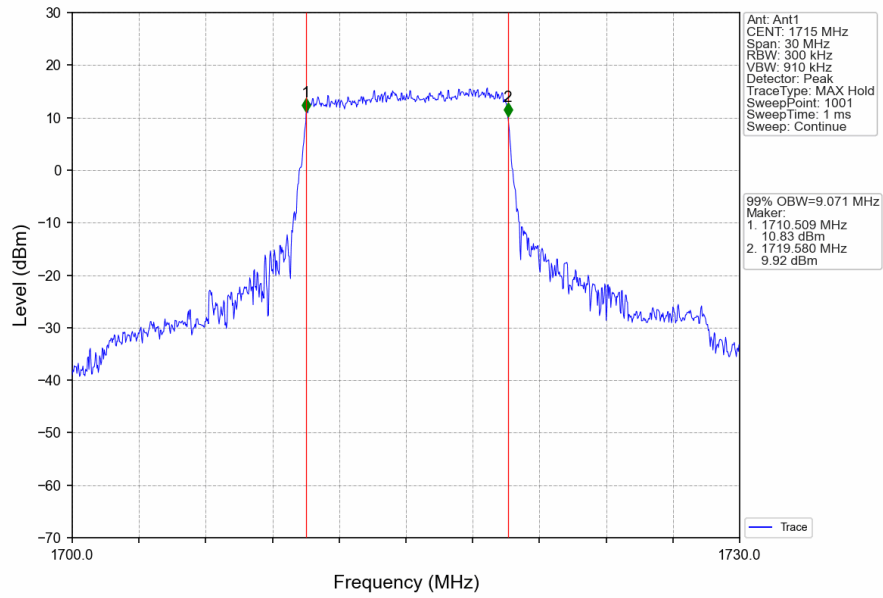
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



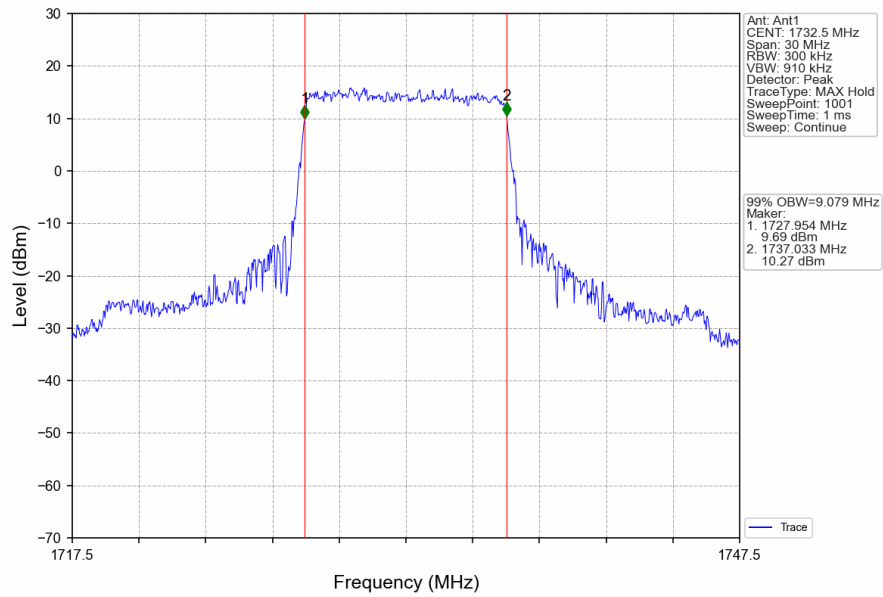
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



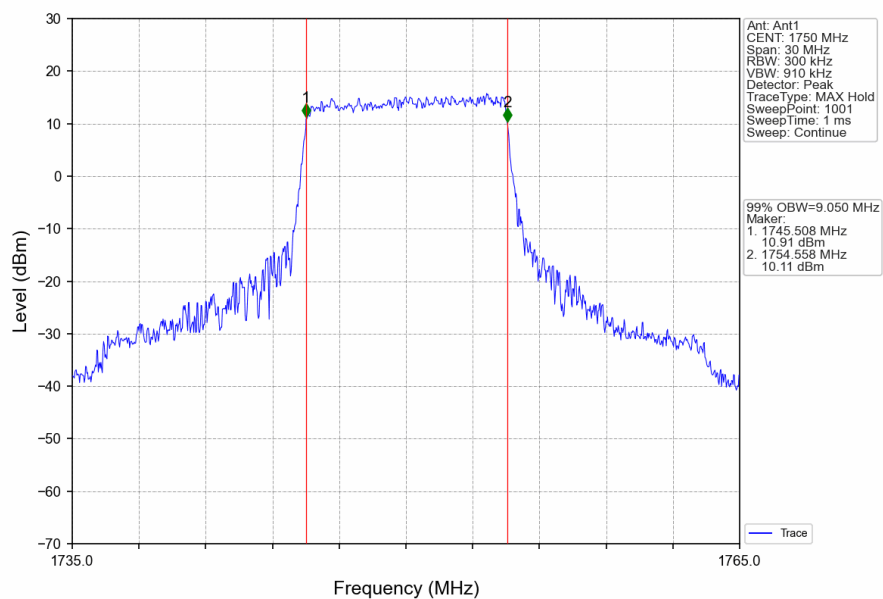
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



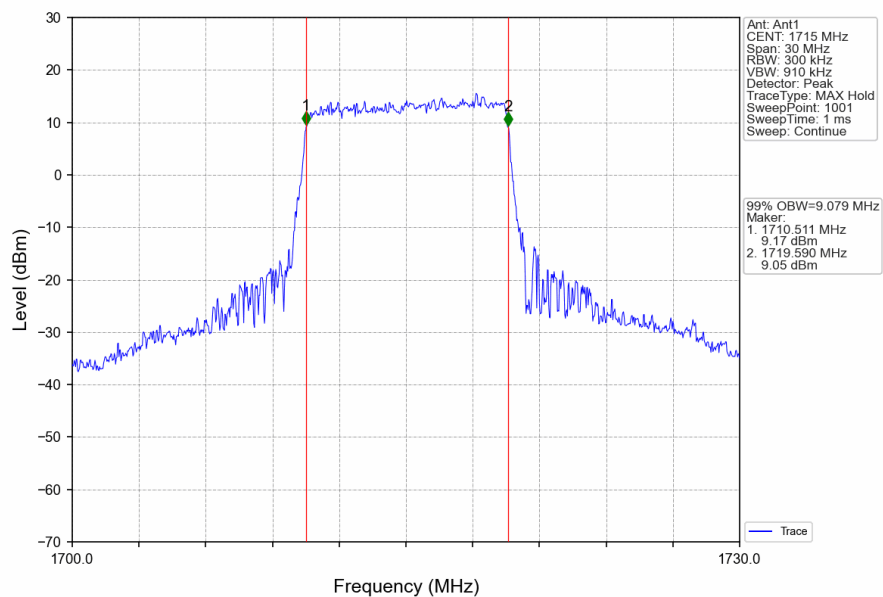
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



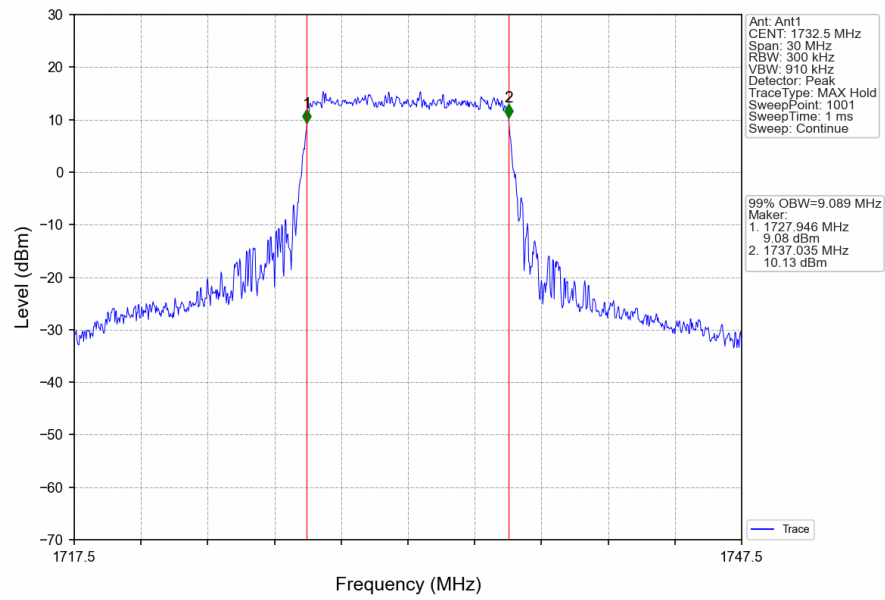
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



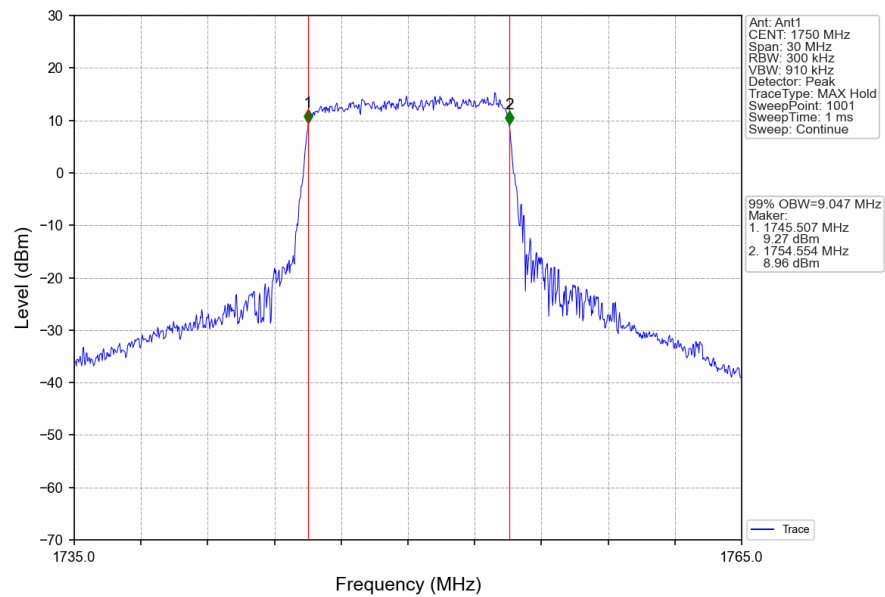
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



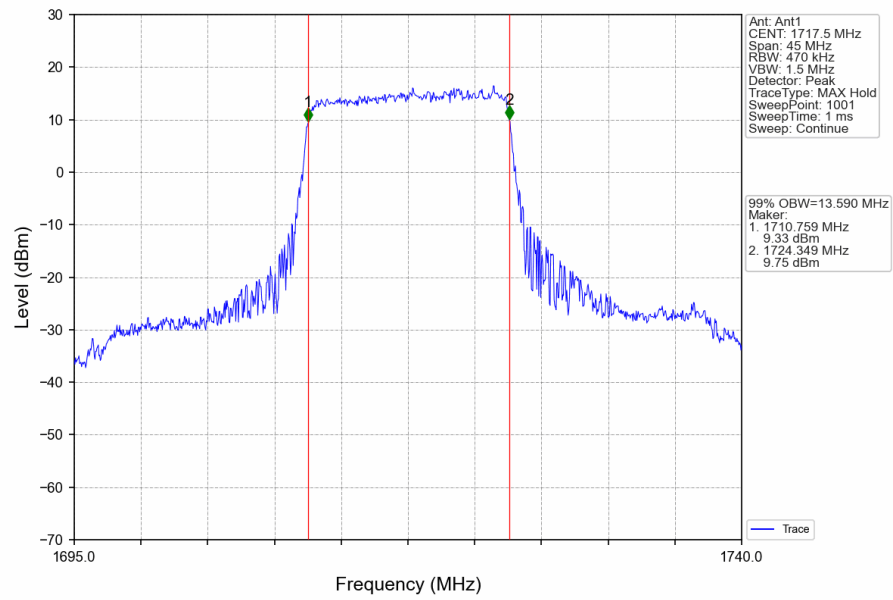
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



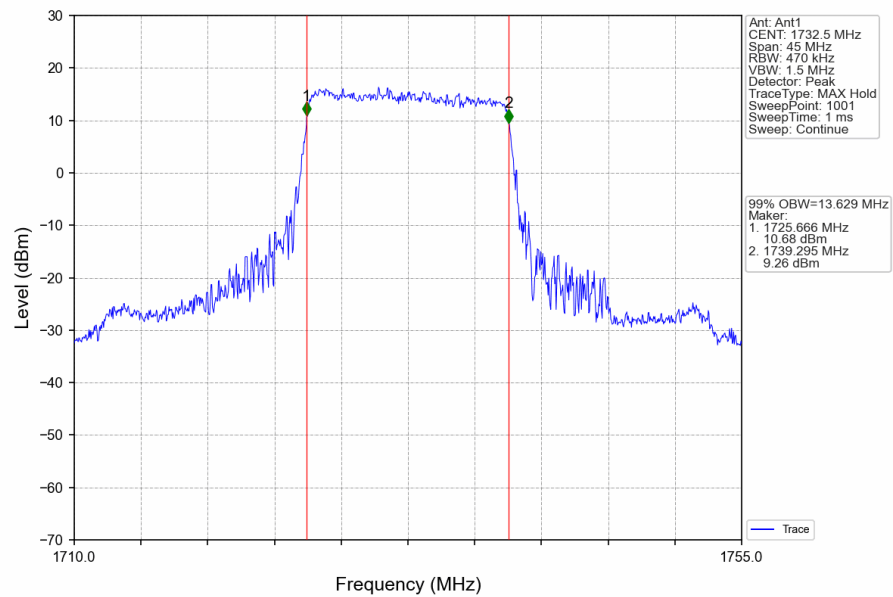
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



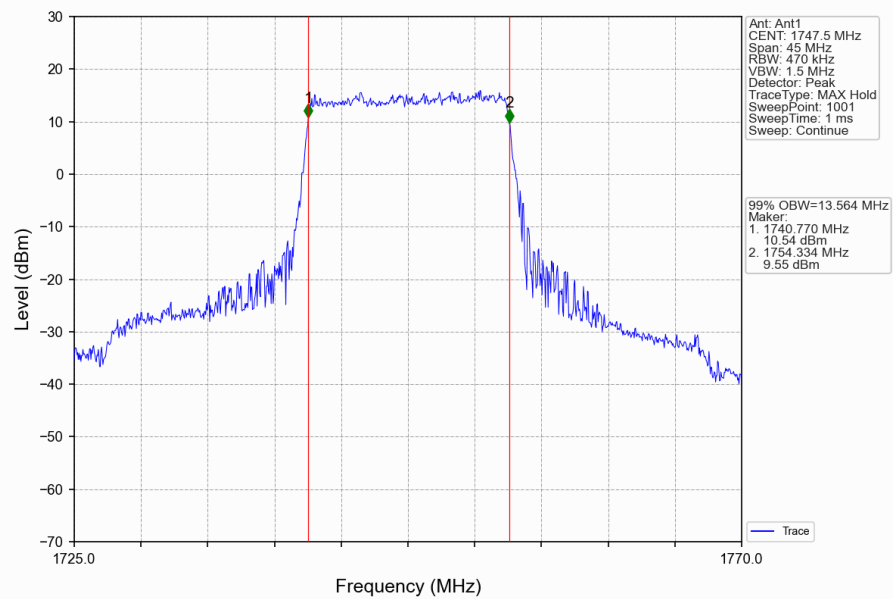
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



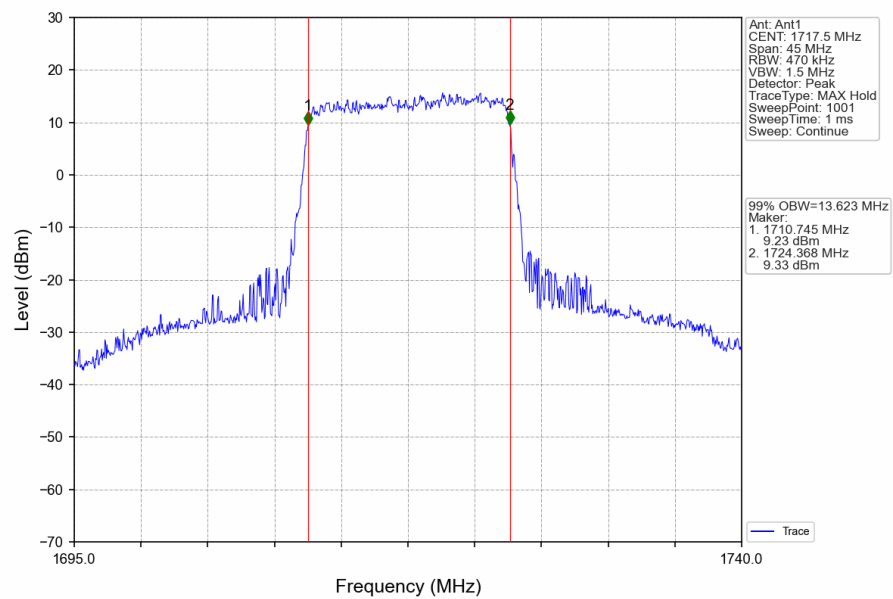
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



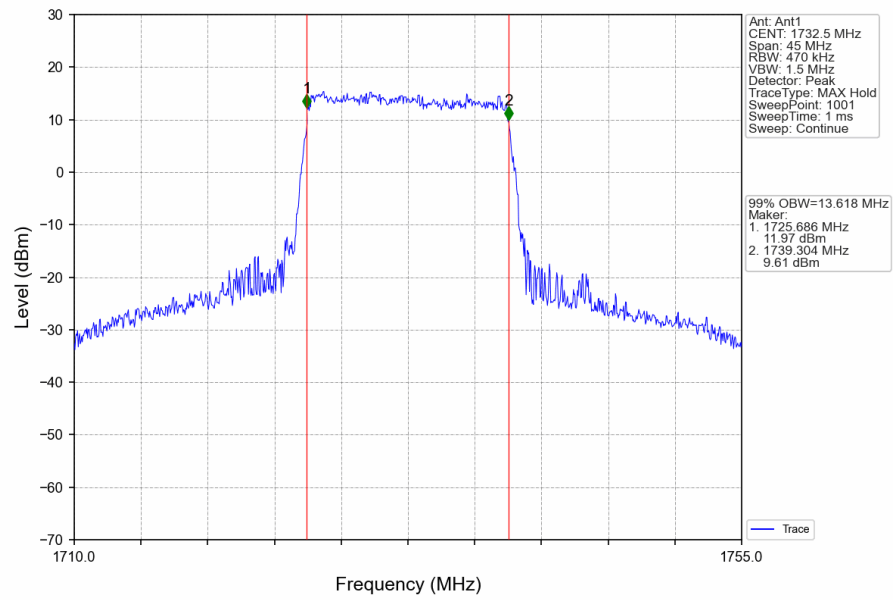
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



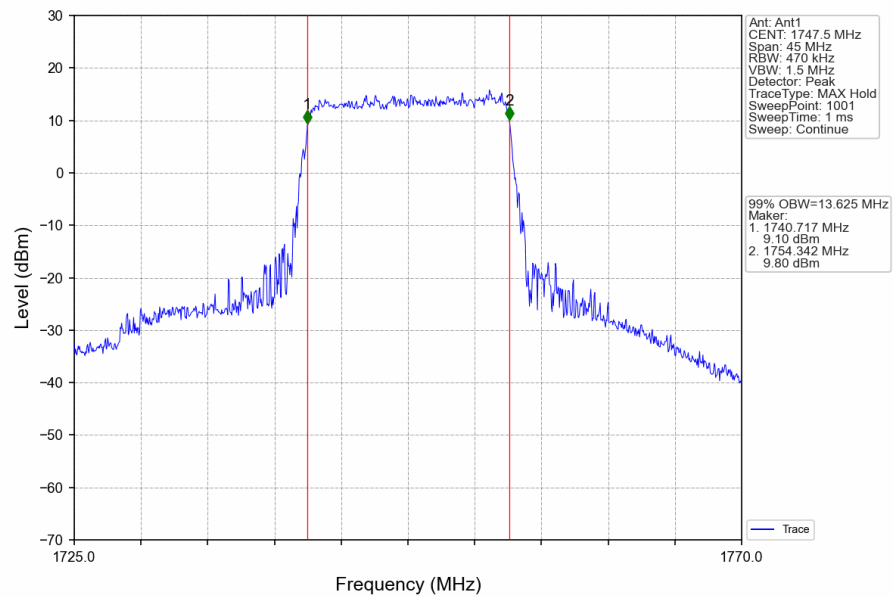
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



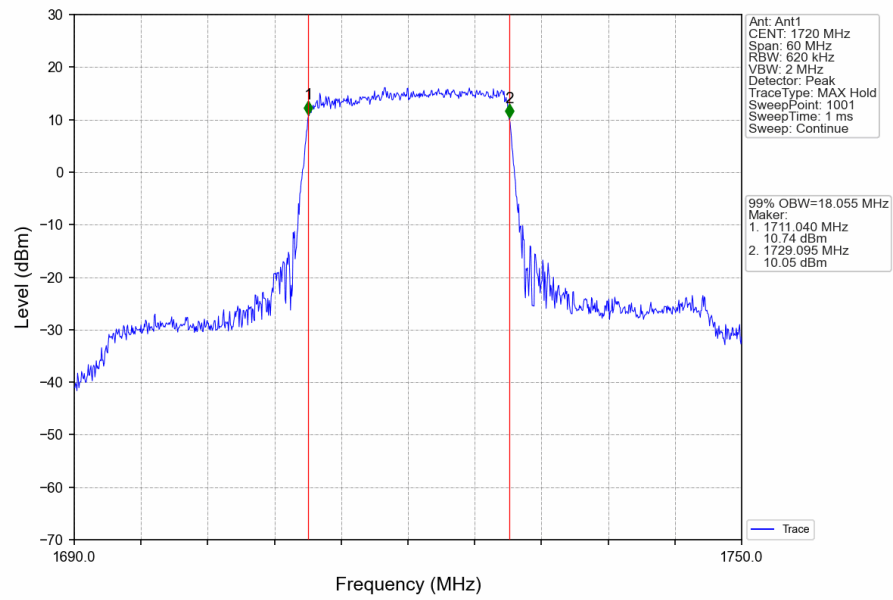
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



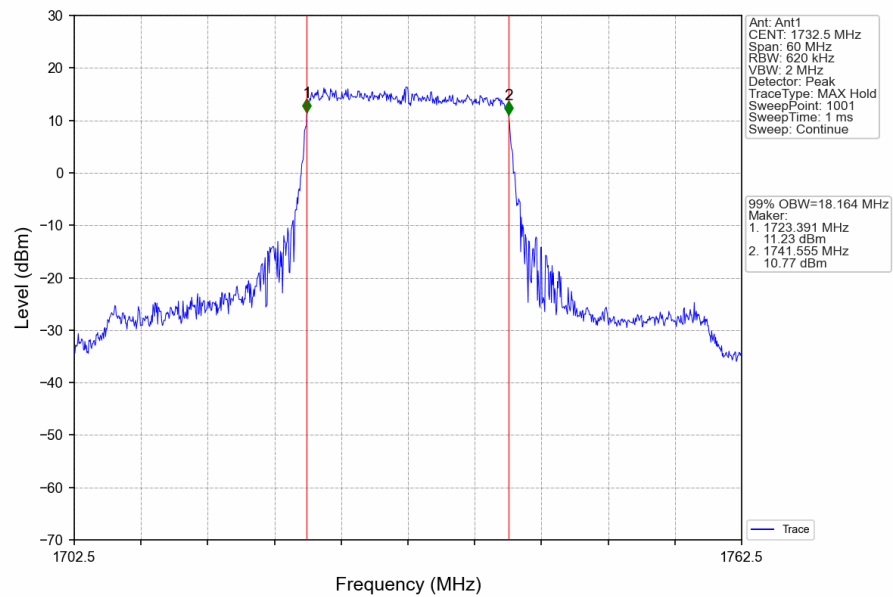
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



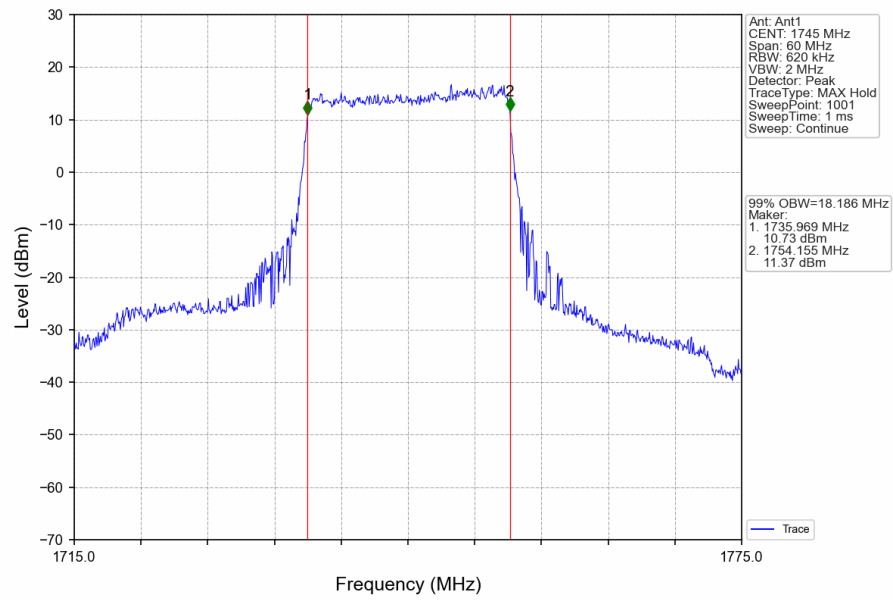
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



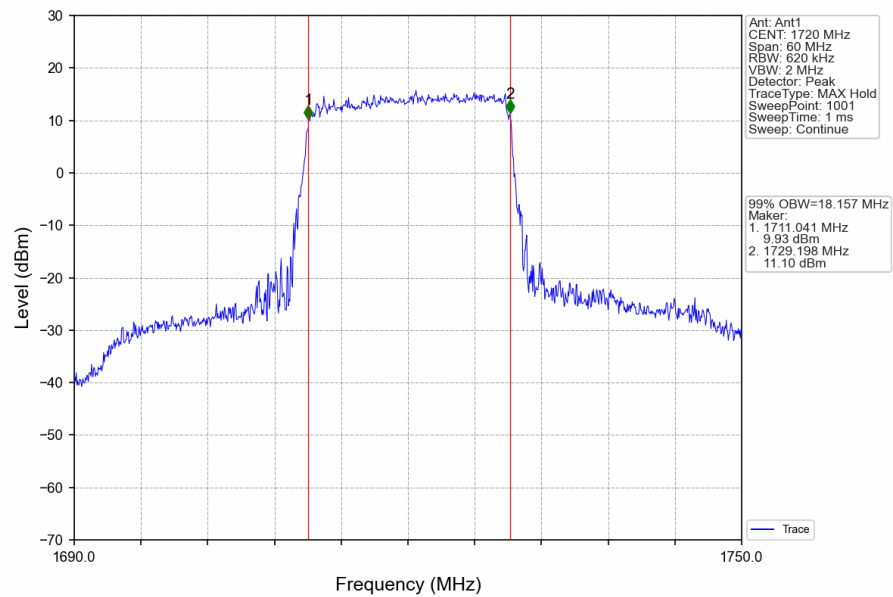
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



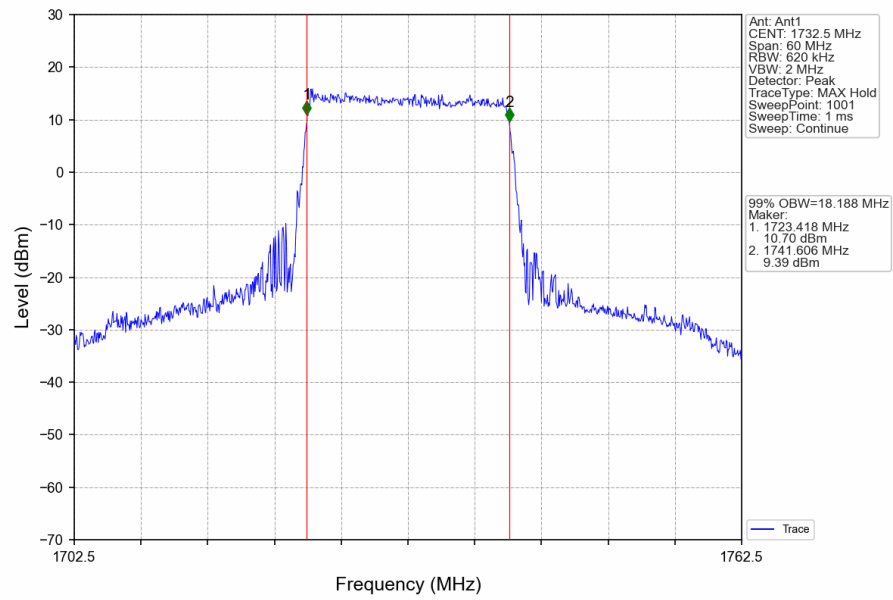
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



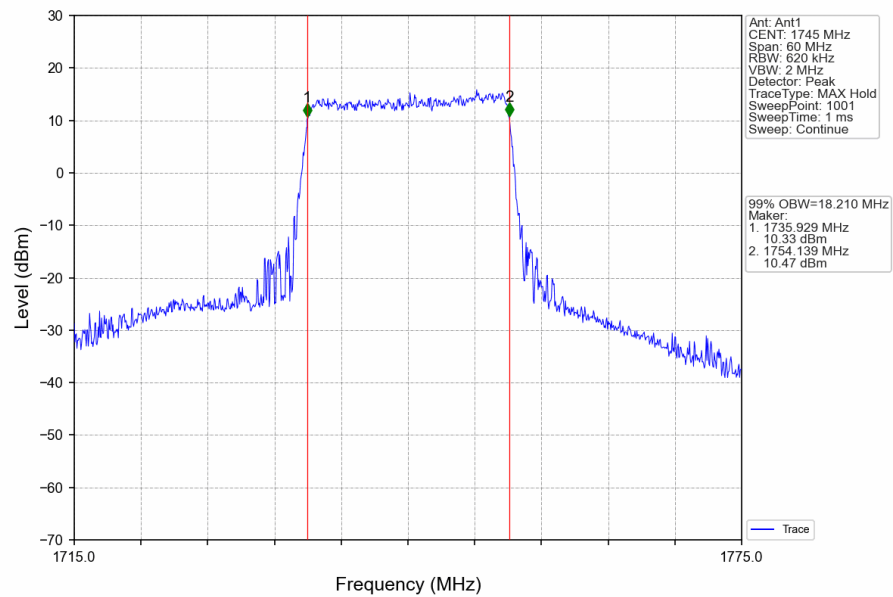
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

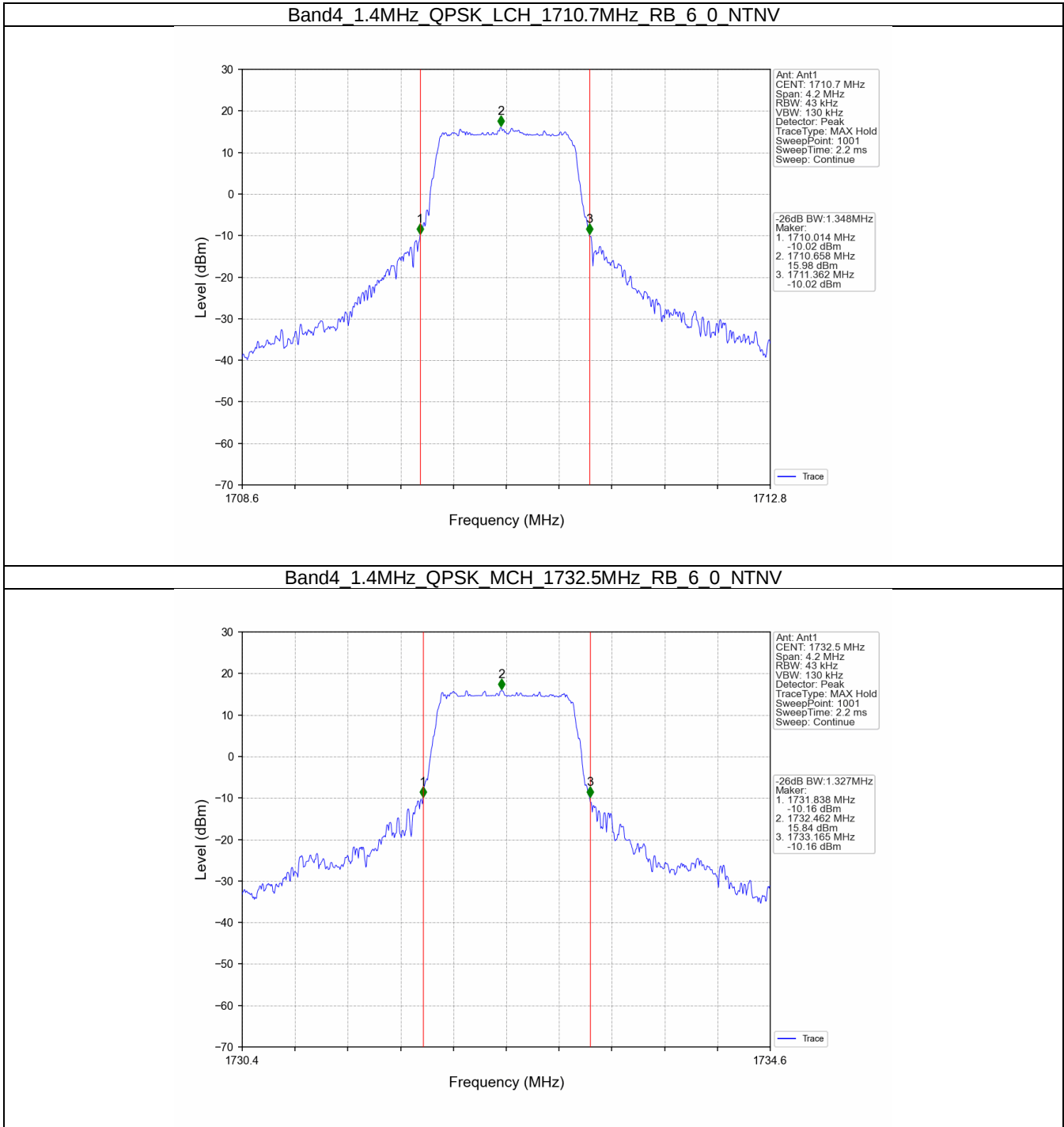


3.2 Band4_XDB

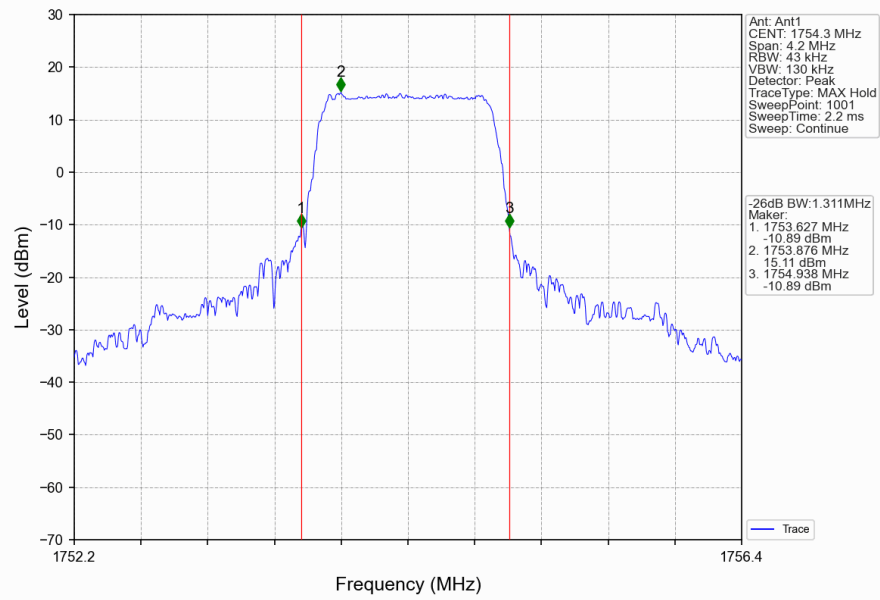
3.2.1 Test Result

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.348	Pass
		1732.5	6	0	1.327	Pass
		1754.3	6	0	1.311	Pass
	16QAM	1710.7	6	0	1.360	Pass
		1732.5	6	0	1.366	Pass
		1754.3	6	0	1.298	Pass
3	QPSK	1711.5	15	0	3.170	Pass
		1732.5	15	0	3.171	Pass
		1753.5	15	0	3.066	Pass
	16QAM	1711.5	15	0	3.103	Pass
		1732.5	15	0	3.240	Pass
		1753.5	15	0	3.150	Pass
5	QPSK	1712.5	25	0	5.671	Pass
		1732.5	25	0	6.078	Pass
		1752.5	25	0	5.483	Pass
	16QAM	1712.5	25	0	5.702	Pass
		1732.5	25	0	5.400	Pass
		1752.5	25	0	5.898	Pass
10	QPSK	1715	50	0	10.182	Pass
		1732.5	50	0	10.463	Pass
		1750	50	0	10.284	Pass
	16QAM	1715	50	0	10.144	Pass
		1732.5	50	0	11.066	Pass
		1750	50	0	10.245	Pass
15	QPSK	1717.5	75	0	15.392	Pass
		1732.5	75	0	16.371	Pass
		1747.5	75	0	15.385	Pass
	16QAM	1717.5	75	0	15.265	Pass
		1732.5	75	0	15.053	Pass
		1747.5	75	0	15.591	Pass
20	QPSK	1720	100	0	19.903	Pass
		1732.5	100	0	20.611	Pass
		1745	100	0	20.738	Pass
	16QAM	1720	100	0	20.561	Pass
		1732.5	100	0	21.203	Pass
		1745	100	0	20.541	Pass

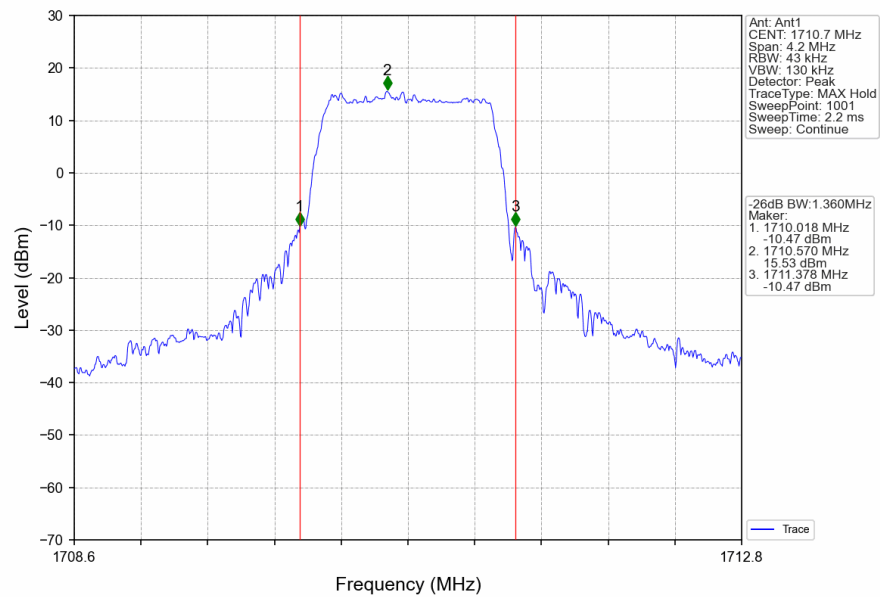
3.2.2 Test Graph



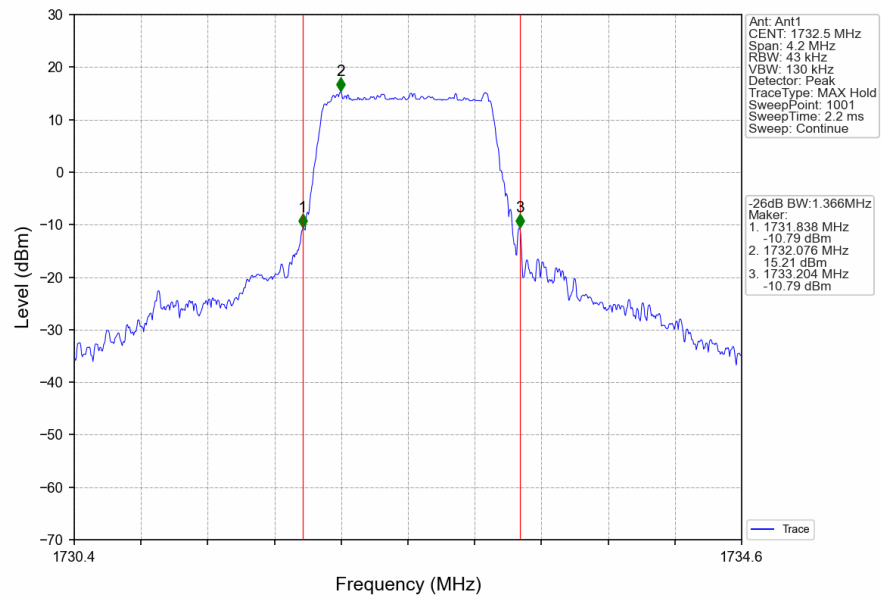
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



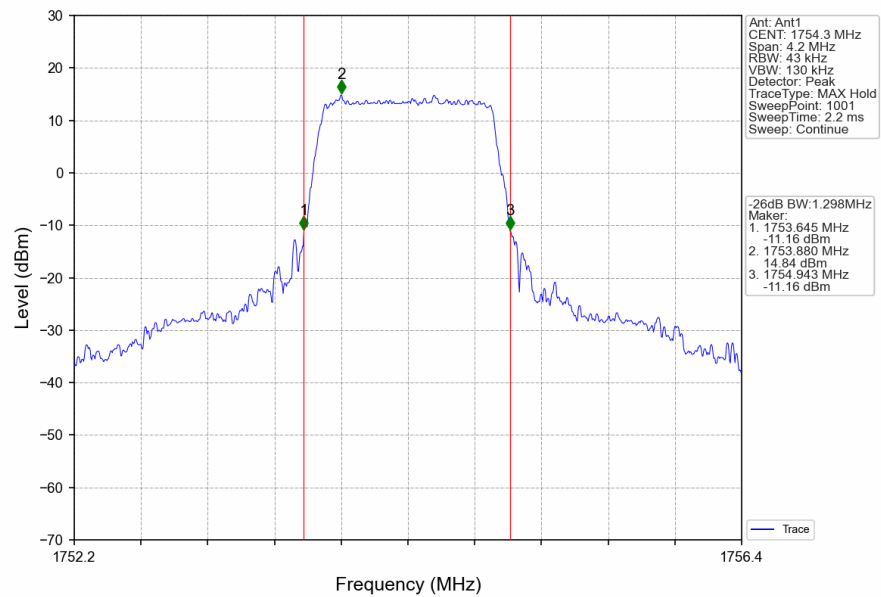
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



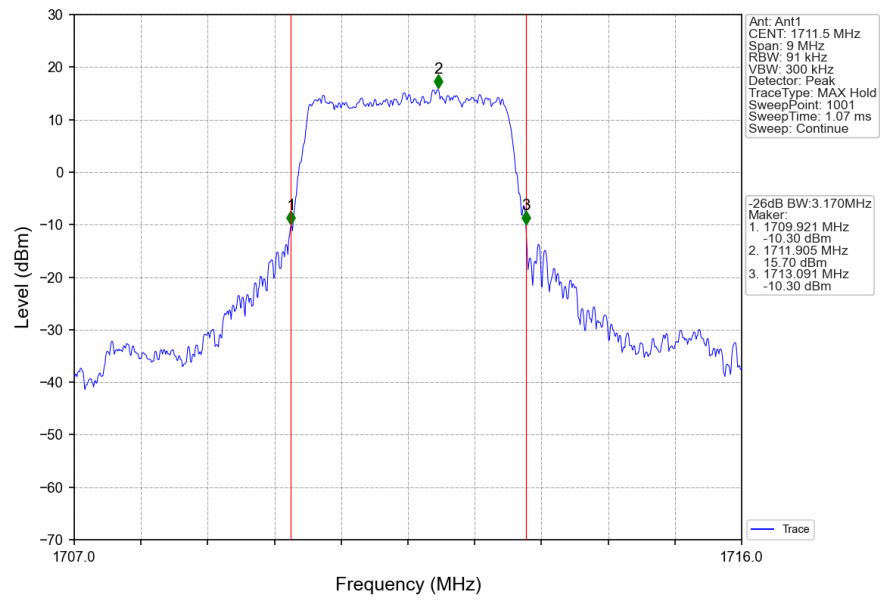
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



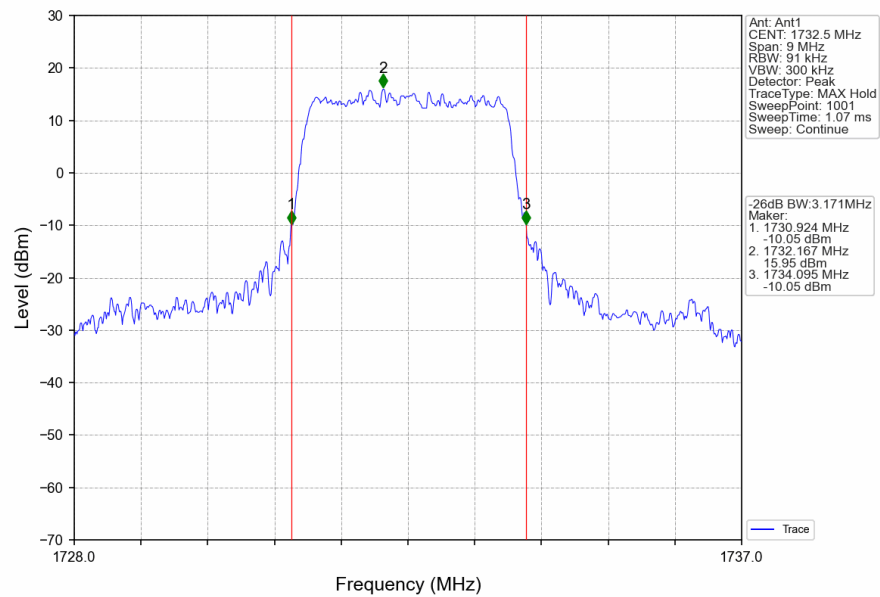
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



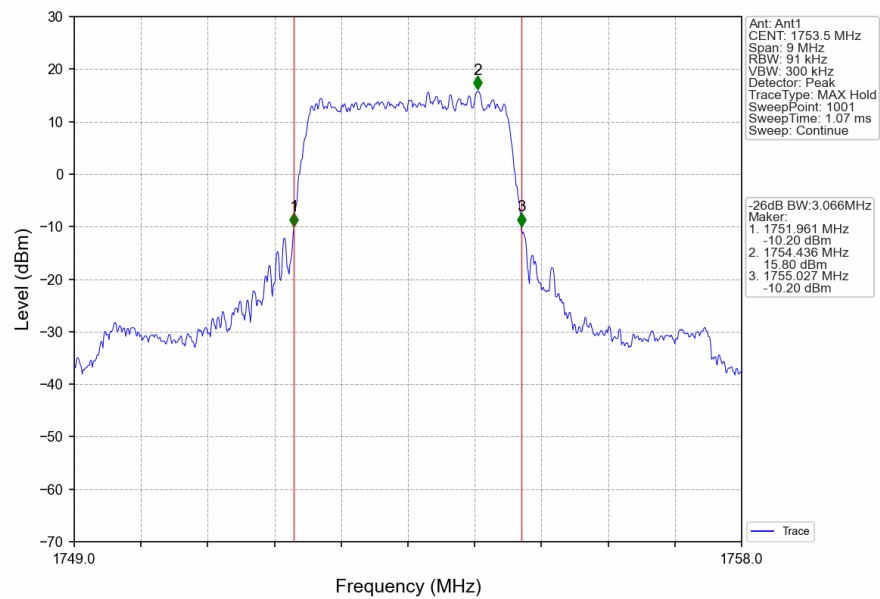
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



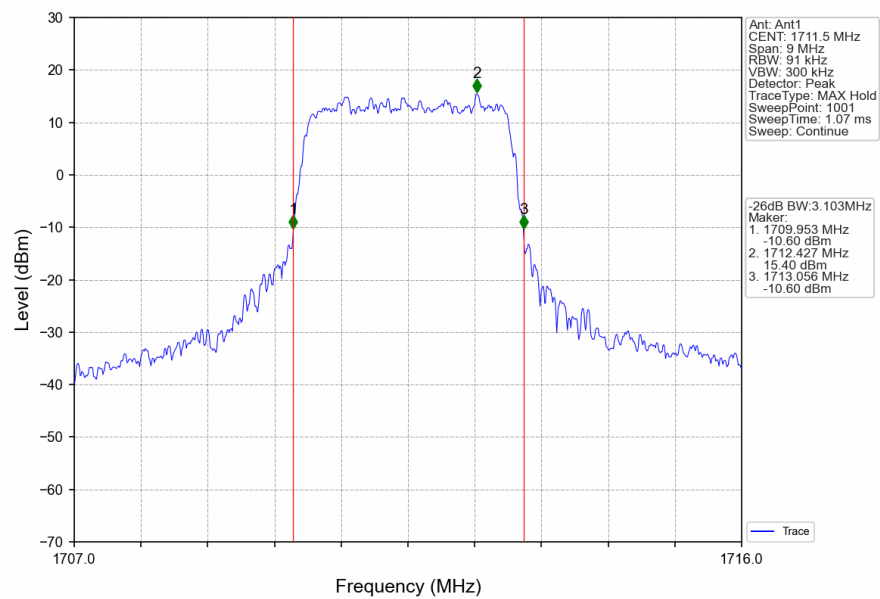
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



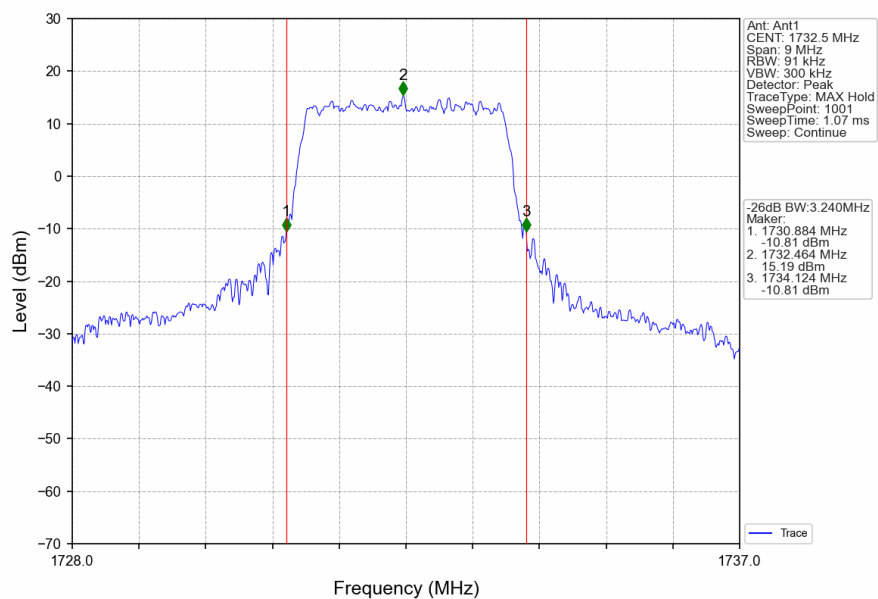
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



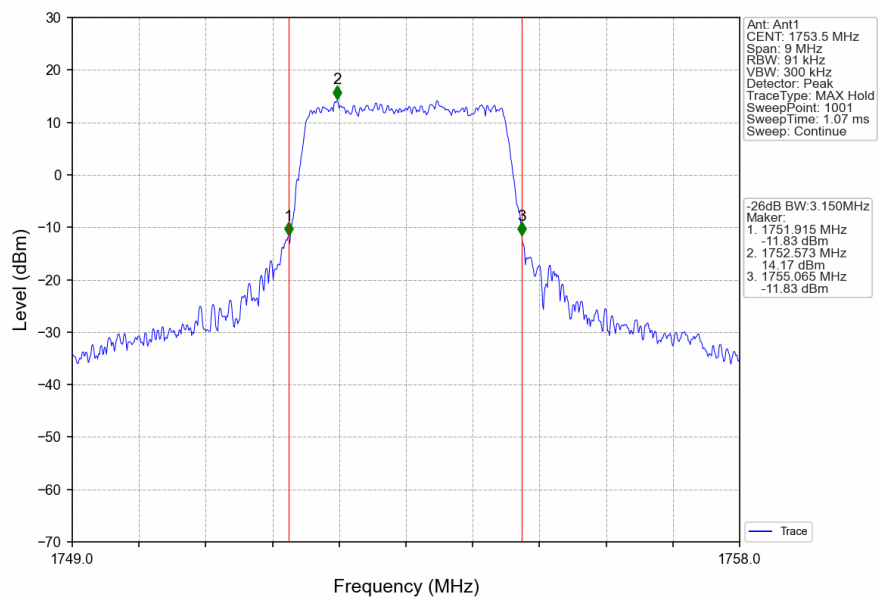
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



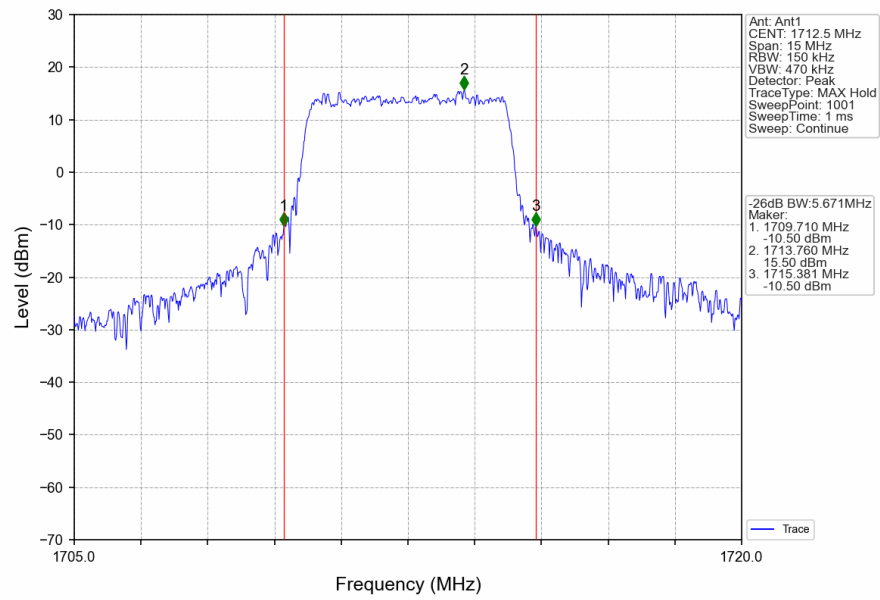
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



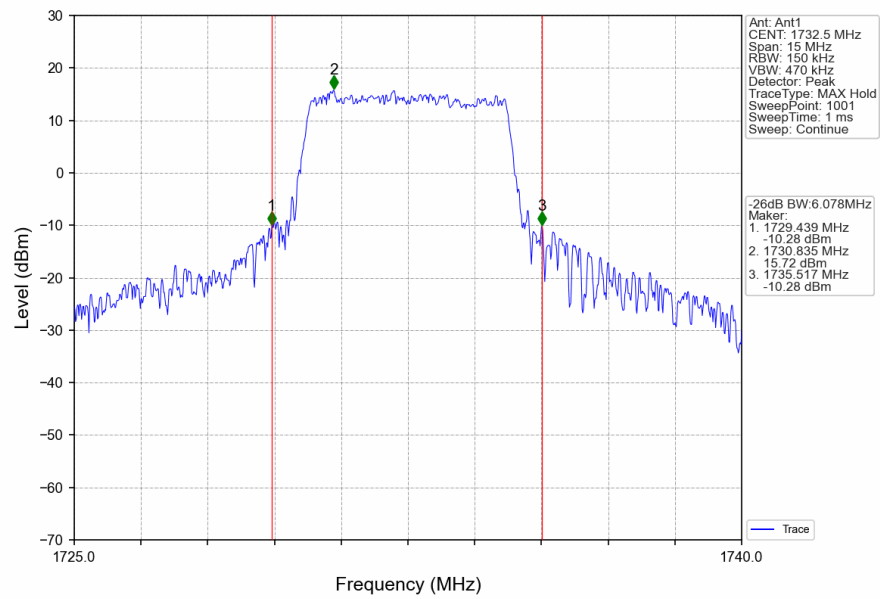
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



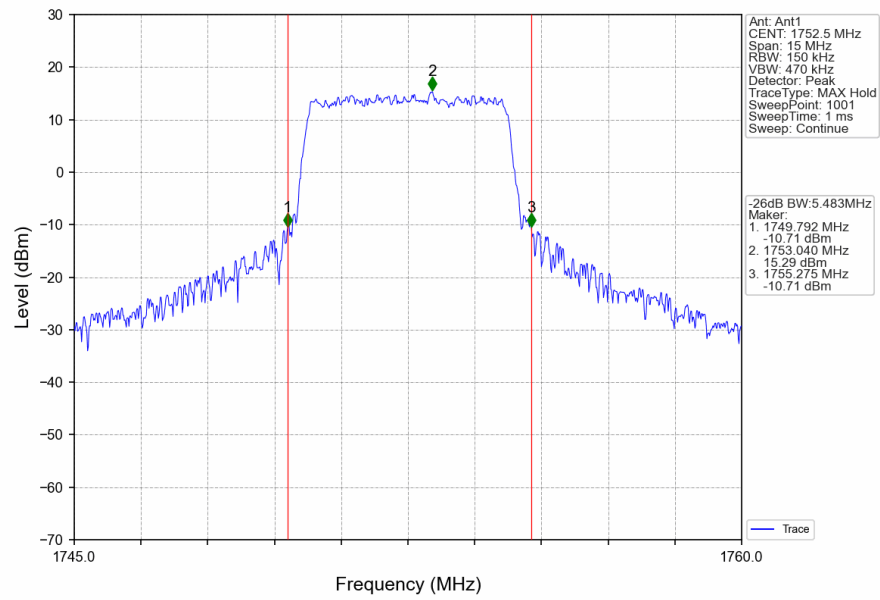
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



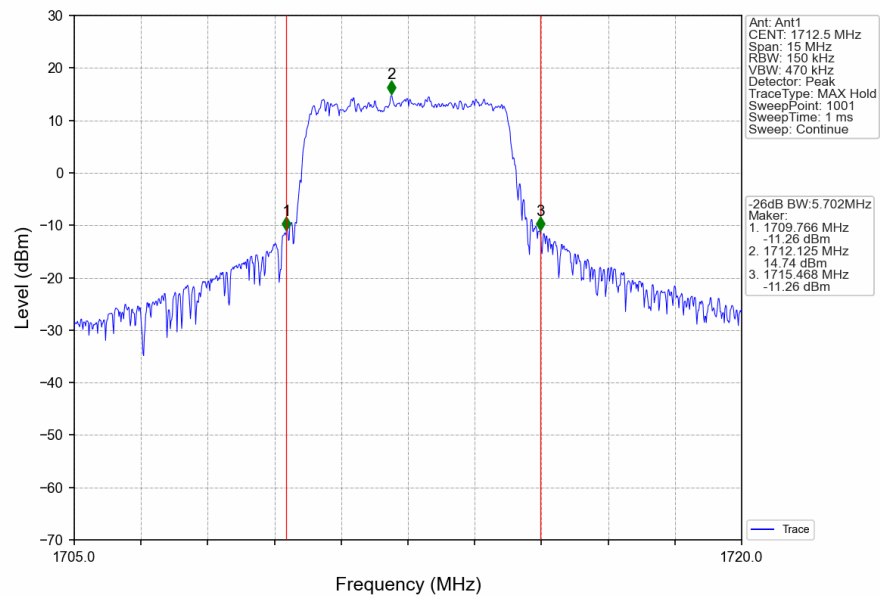
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



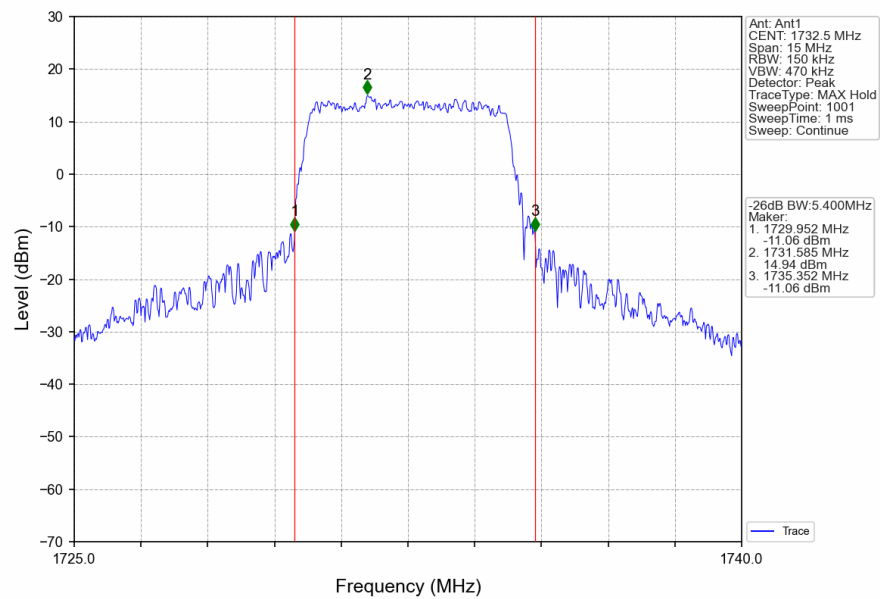
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



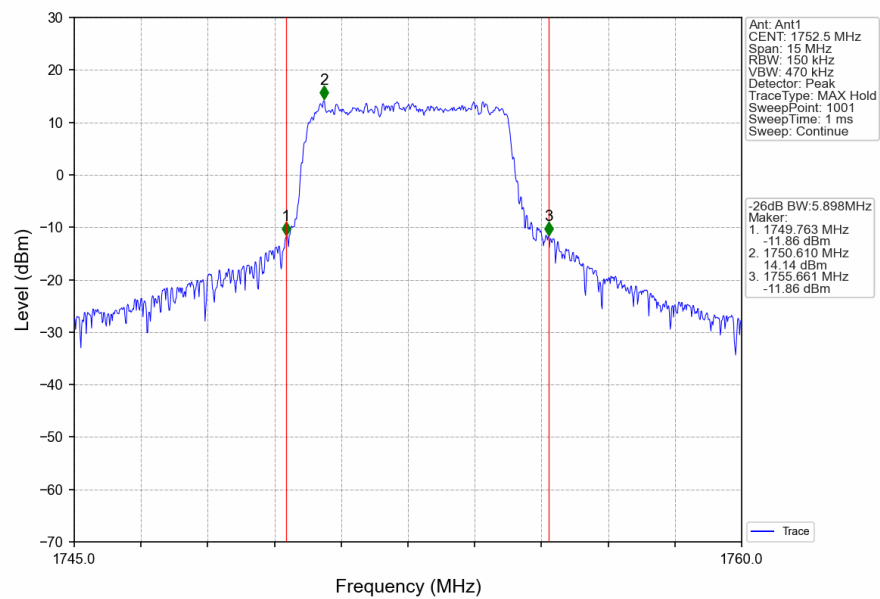
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



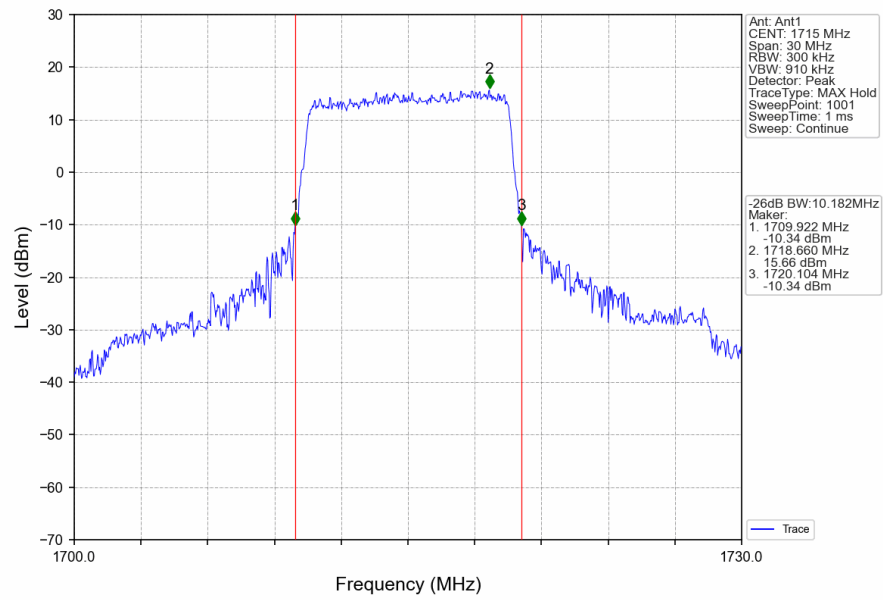
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



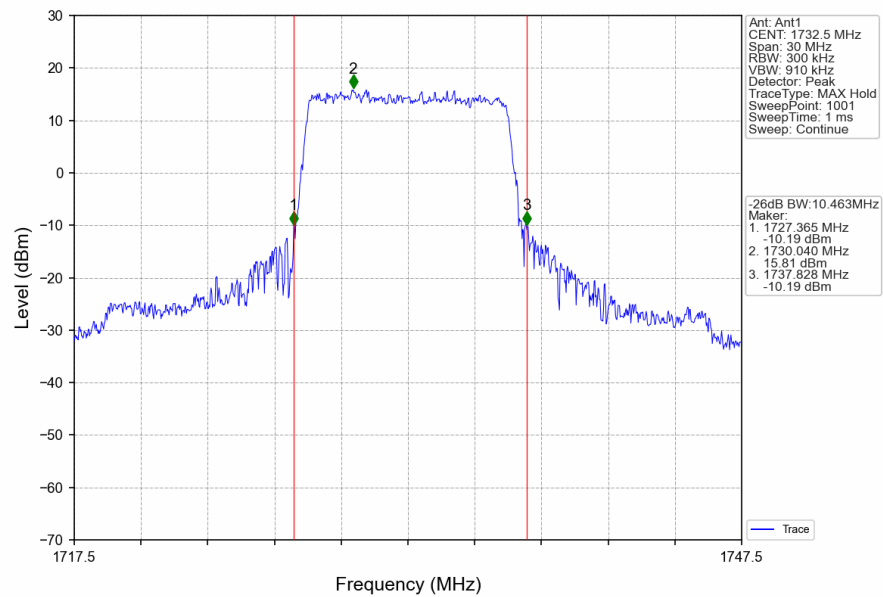
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



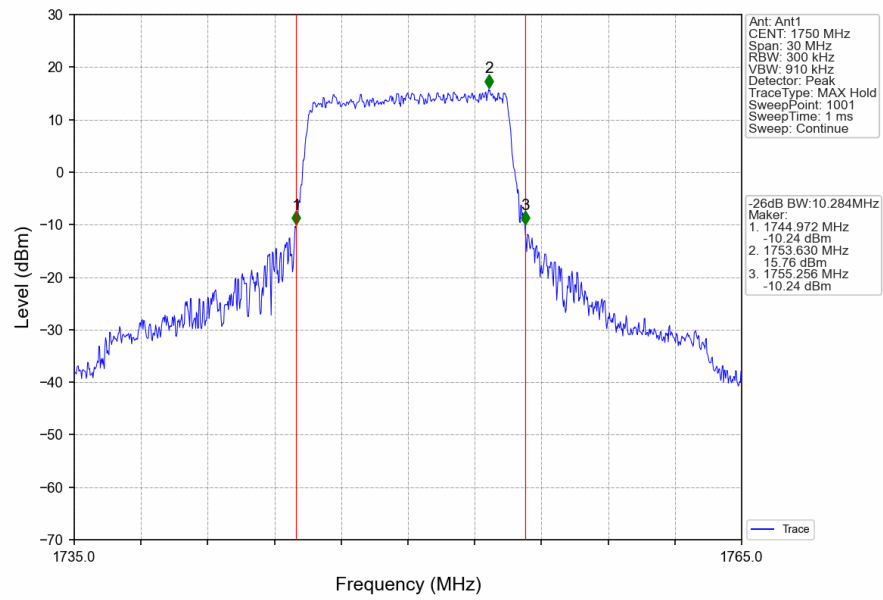
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



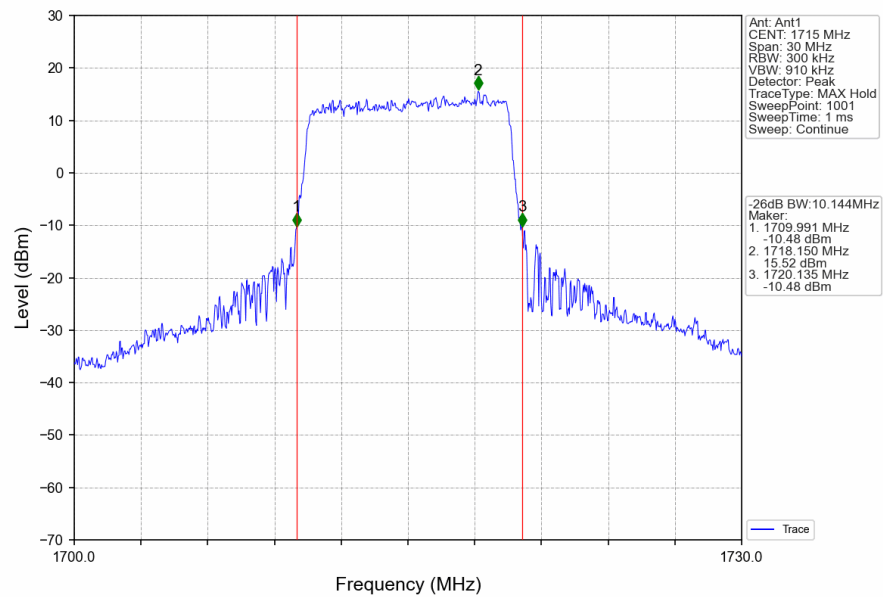
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



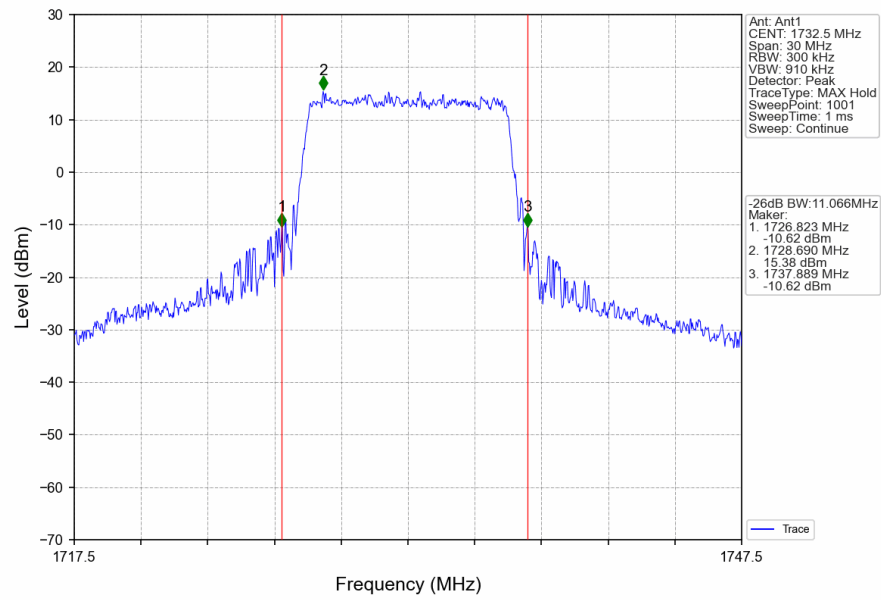
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



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

