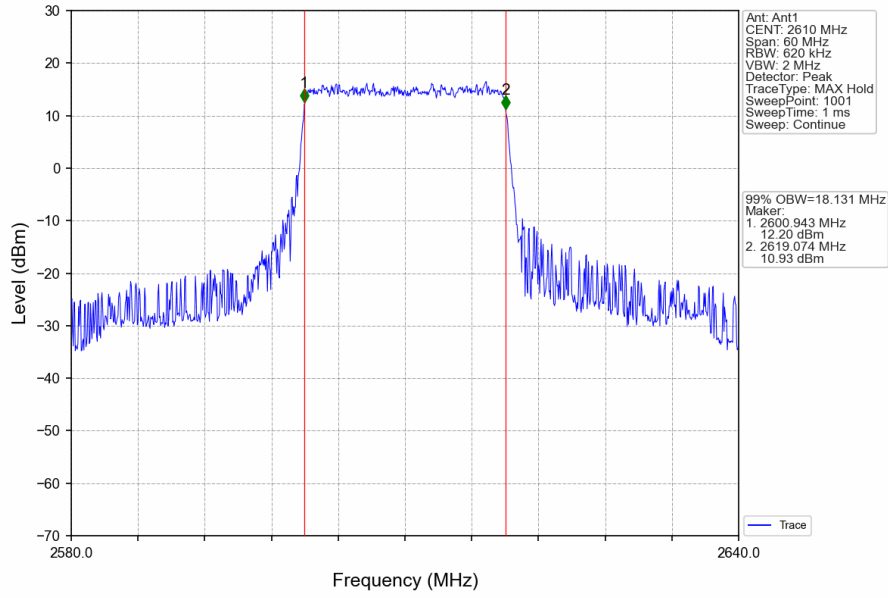
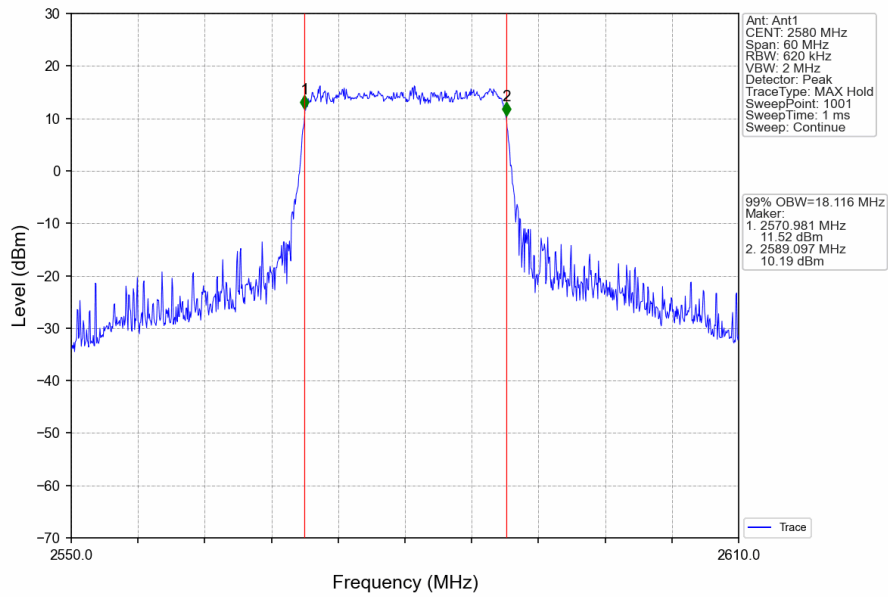


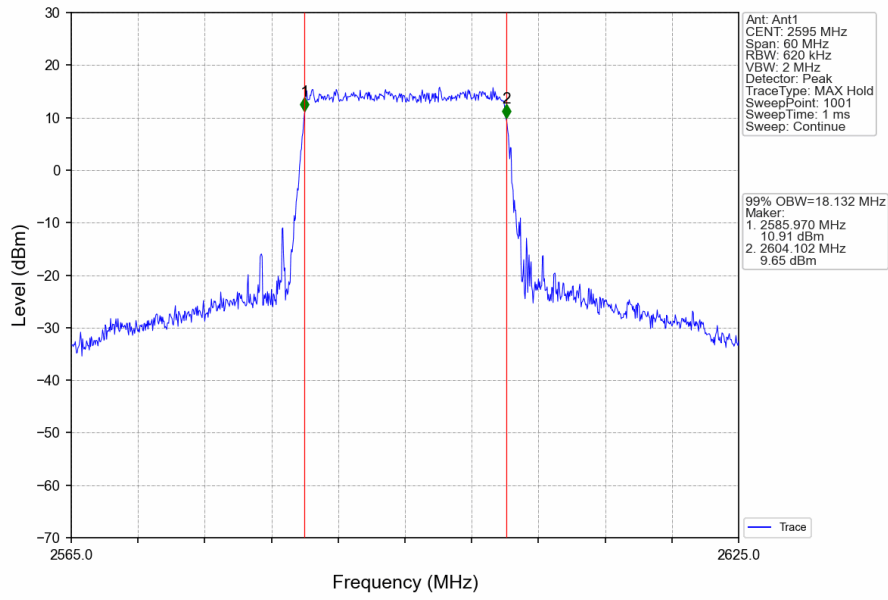
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



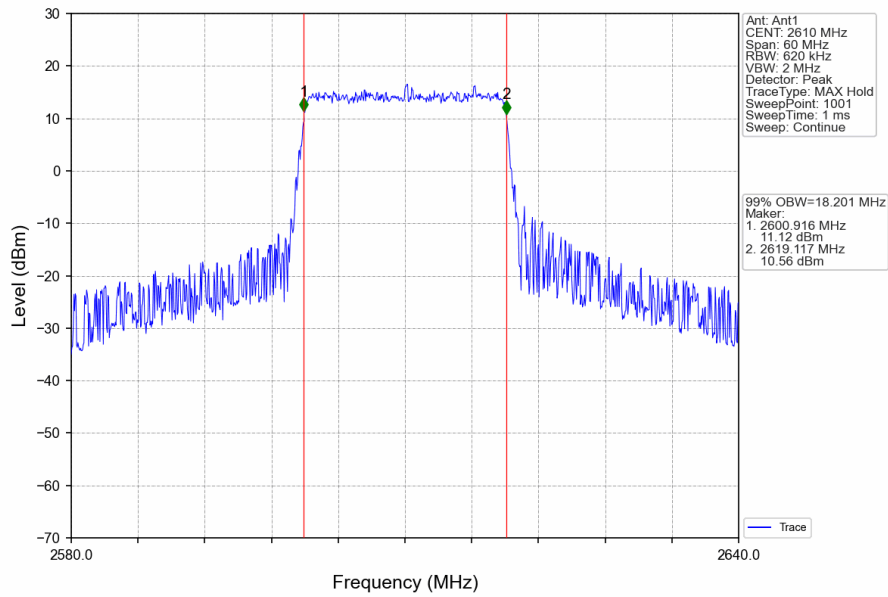
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV

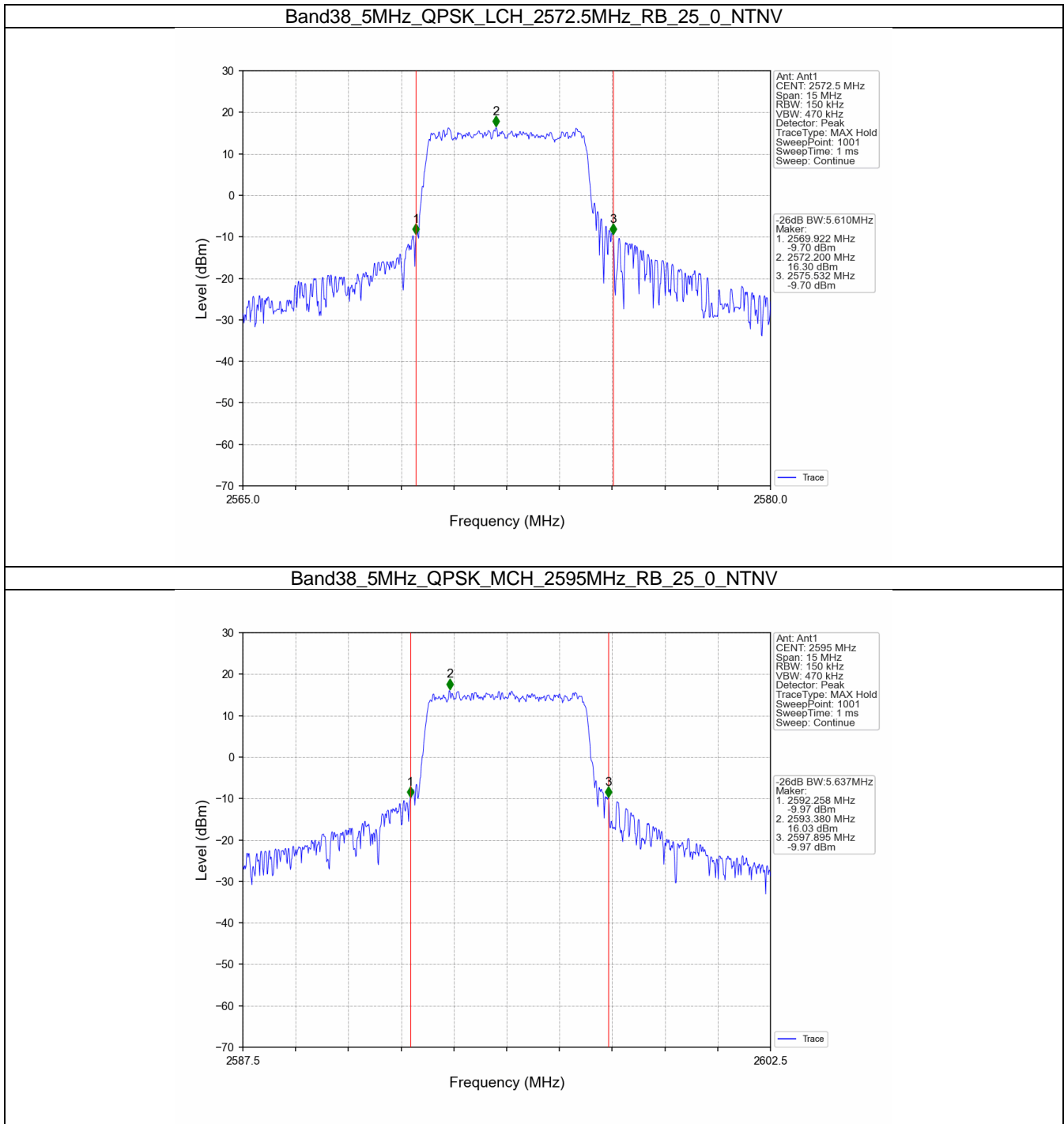


2.2 Band38_XDB

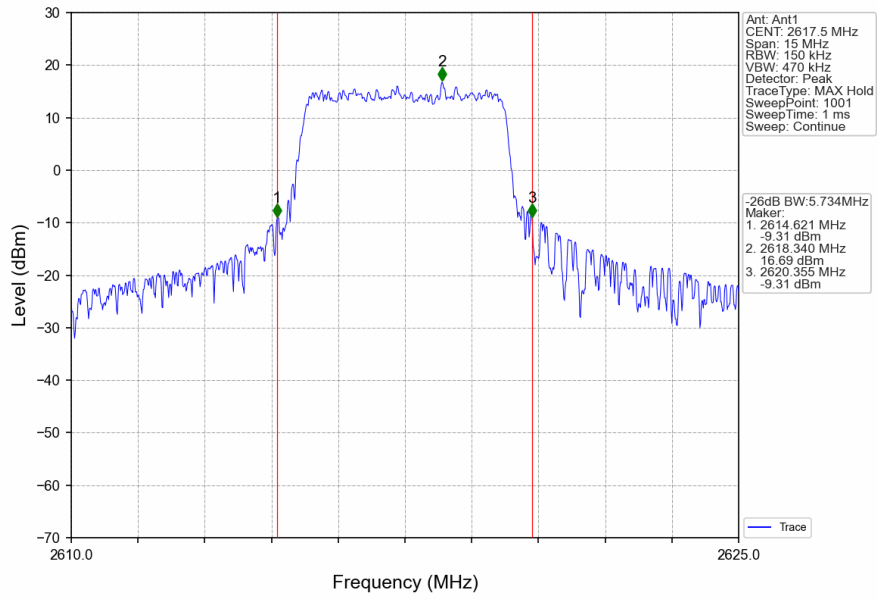
2.2.1 Test Result

Band: 38 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2572.5	25	0	5.610	Pass
		2595	25	0	5.637	Pass
		2617.5	25	0	5.734	Pass
	16QAM	2572.5	25	0	5.594	Pass
		2595	25	0	5.759	Pass
		2617.5	25	0	5.758	Pass
10	QPSK	2575	50	0	9.651	Pass
		2595	50	0	10.726	Pass
		2615	50	0	10.648	Pass
	16QAM	2575	50	0	10.497	Pass
		2595	50	0	10.603	Pass
		2615	50	0	10.166	Pass
15	QPSK	2577.5	75	0	15.972	Pass
		2595	75	0	14.555	Pass
		2612.5	75	0	15.486	Pass
	16QAM	2577.5	75	0	15.993	Pass
		2595	75	0	14.550	Pass
		2612.5	75	0	14.584	Pass
20	QPSK	2580	100	0	20.333	Pass
		2595	100	0	21.061	Pass
		2610	100	0	20.576	Pass
	16QAM	2580	100	0	20.605	Pass
		2595	100	0	20.384	Pass
		2610	100	0	21.970	Pass

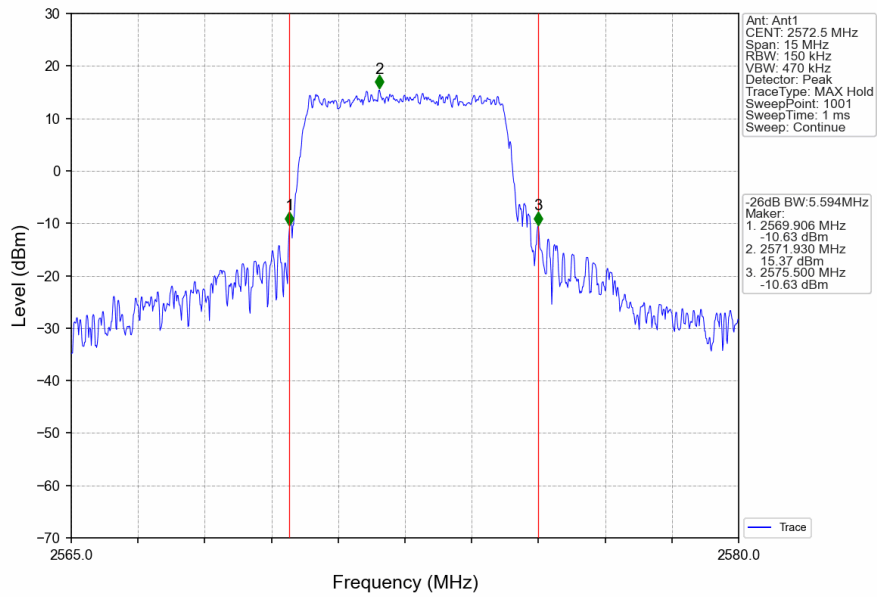
2.2.2 Test Graph



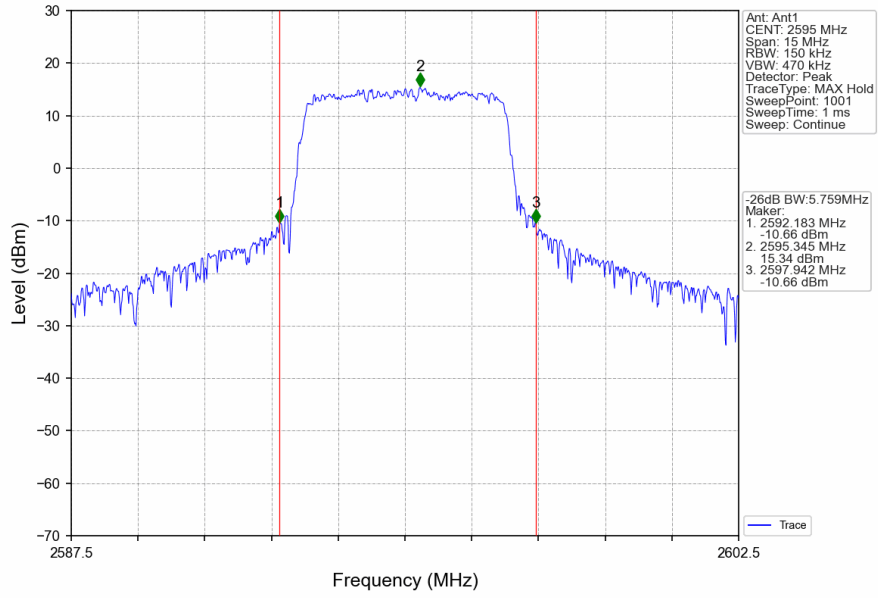
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



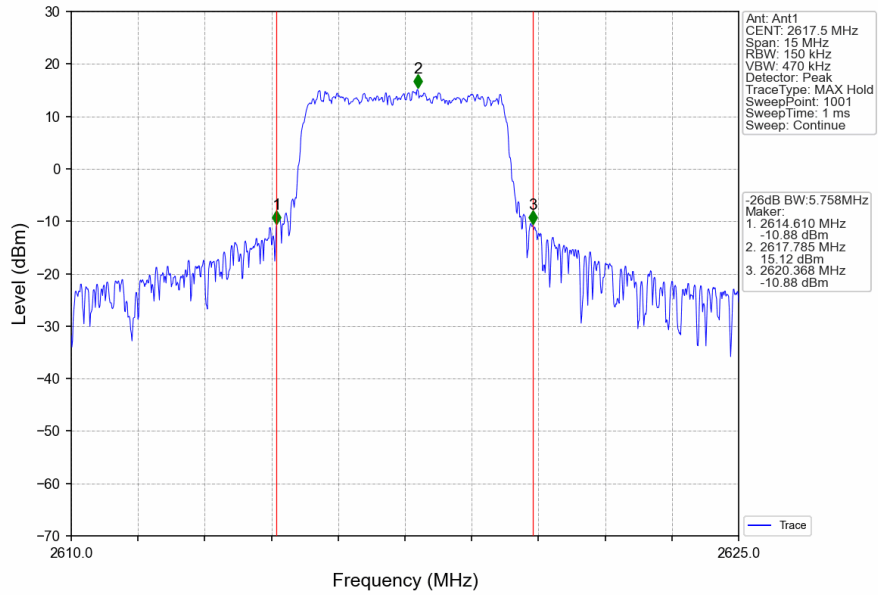
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



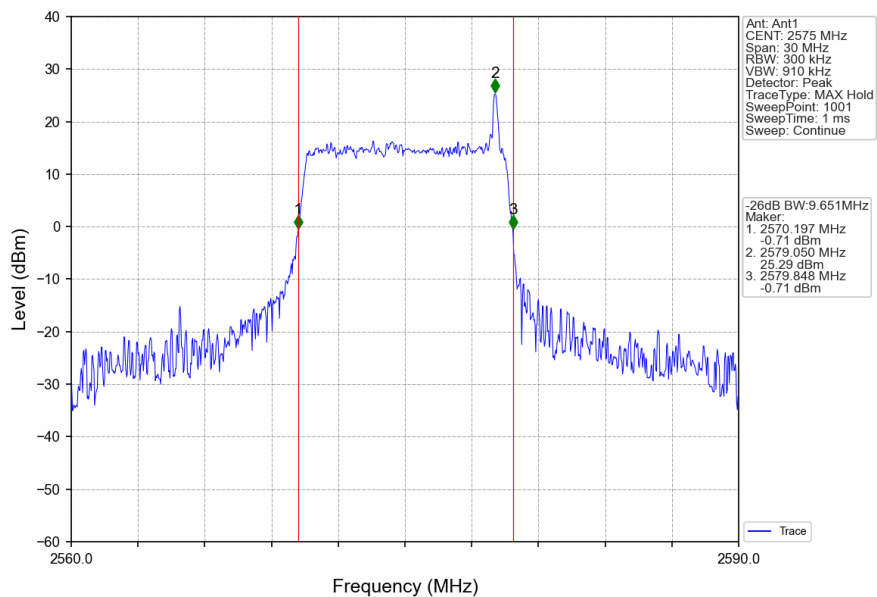
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



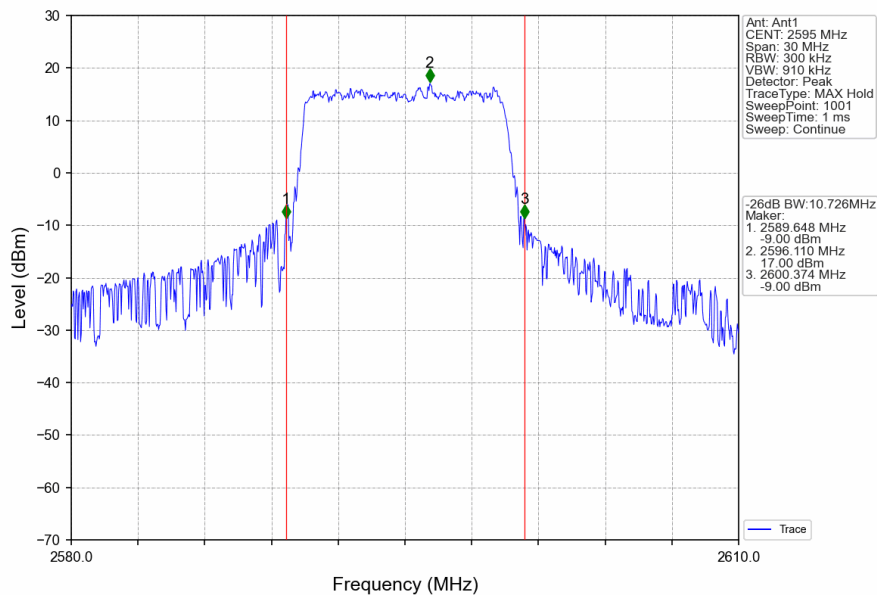
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



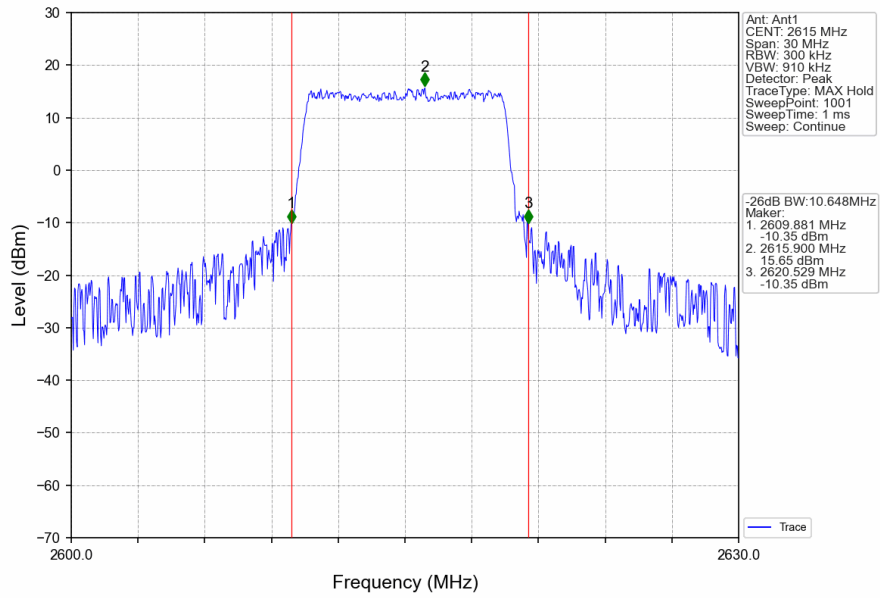
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



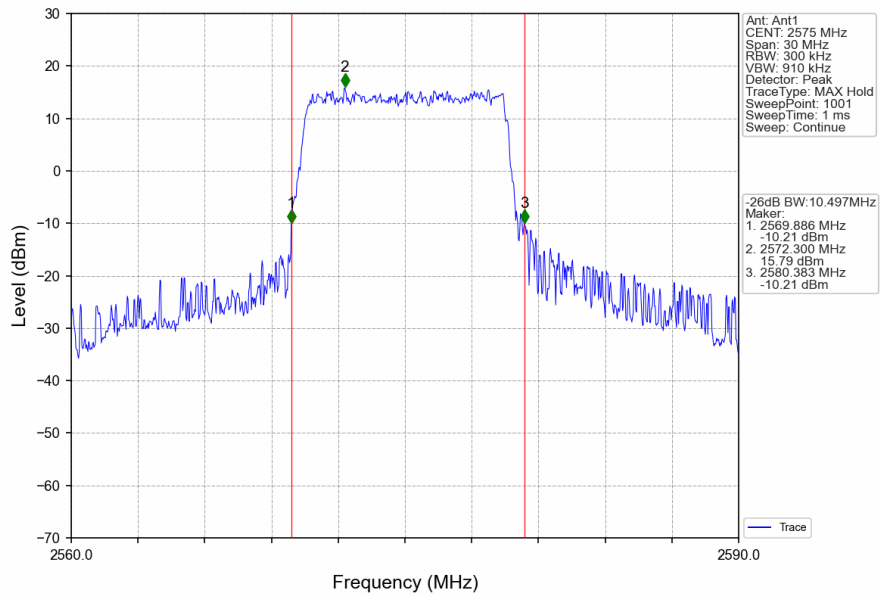
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



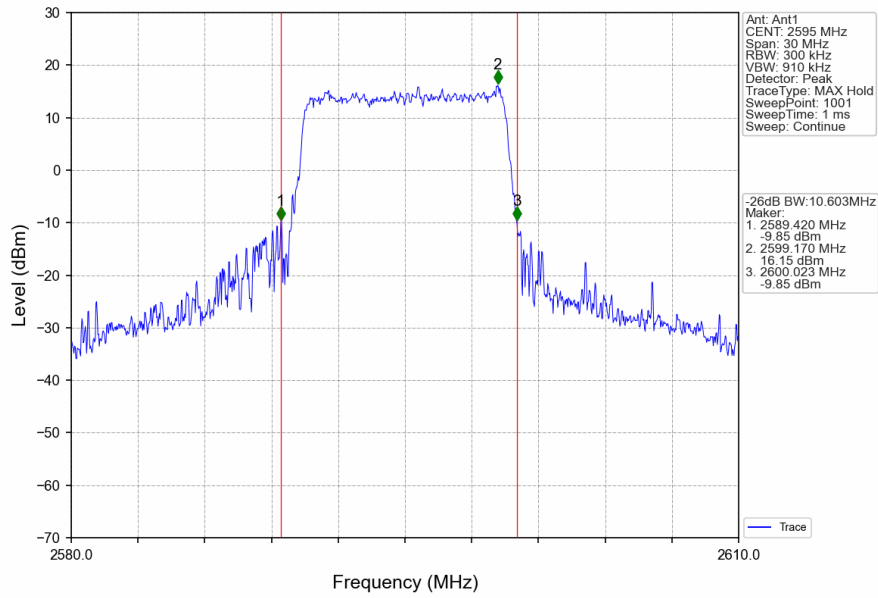
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



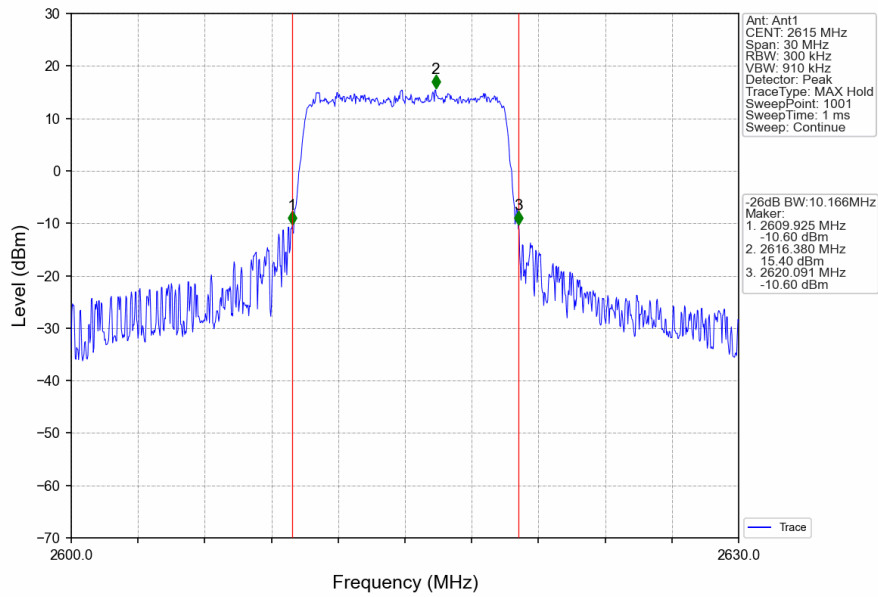
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



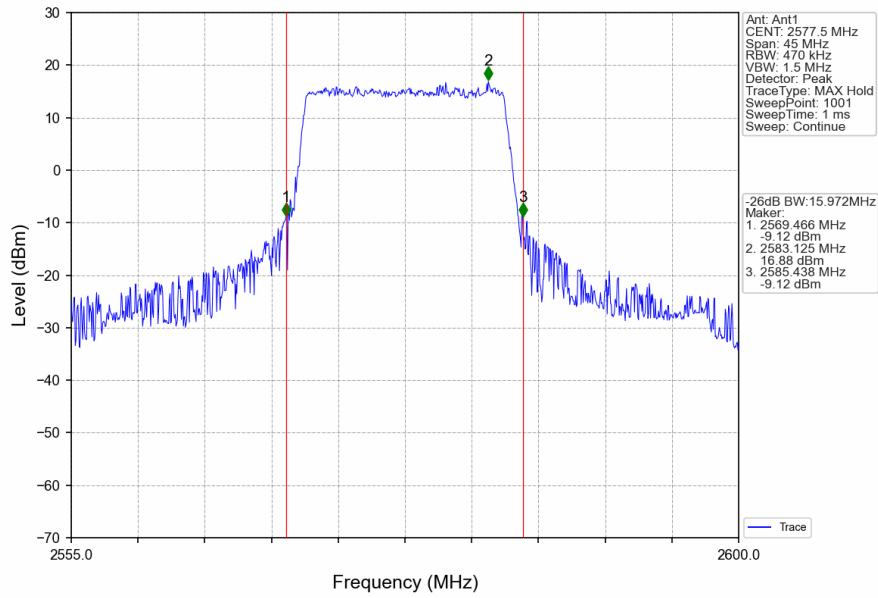
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



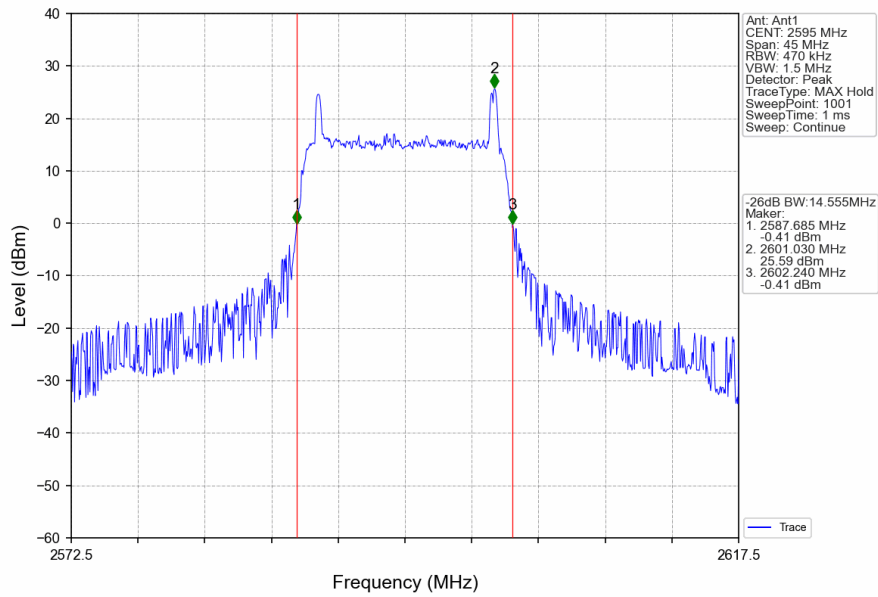
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



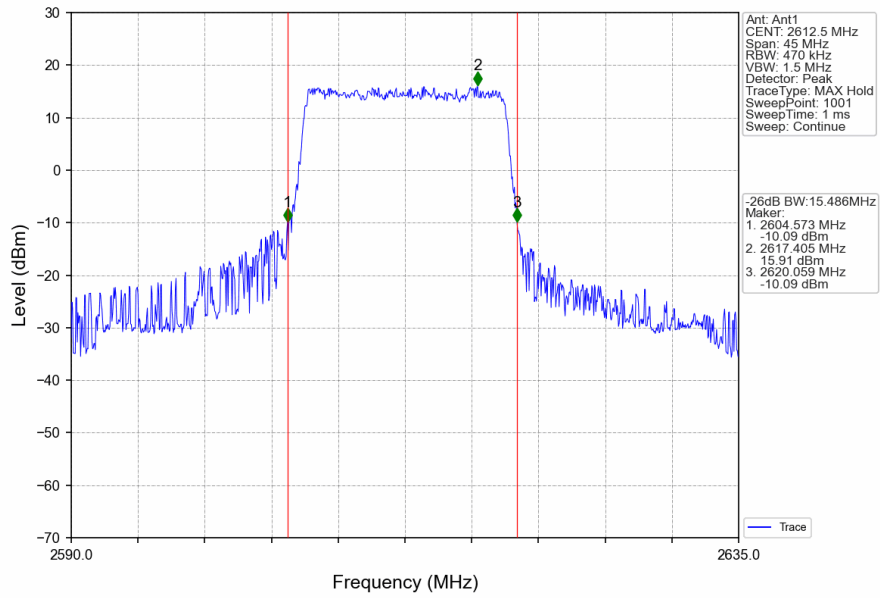
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



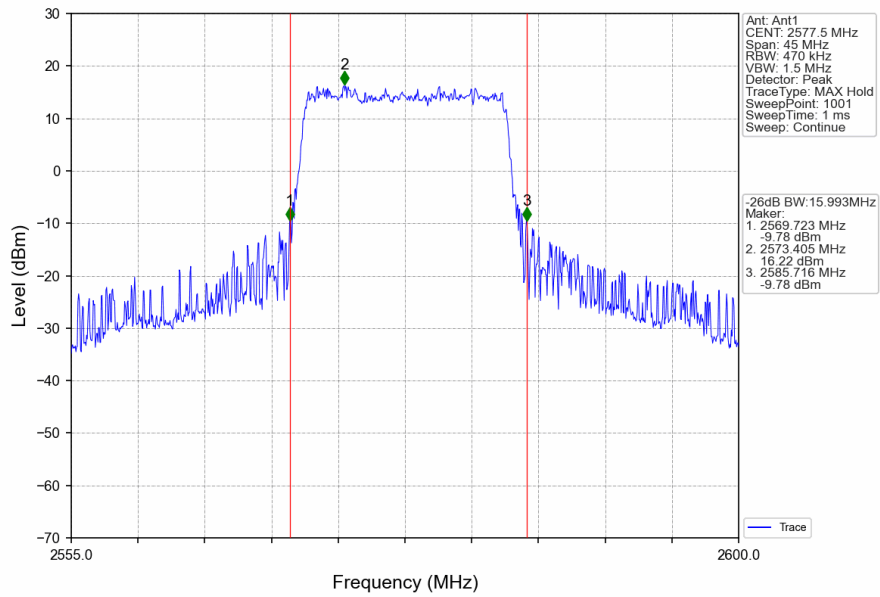
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



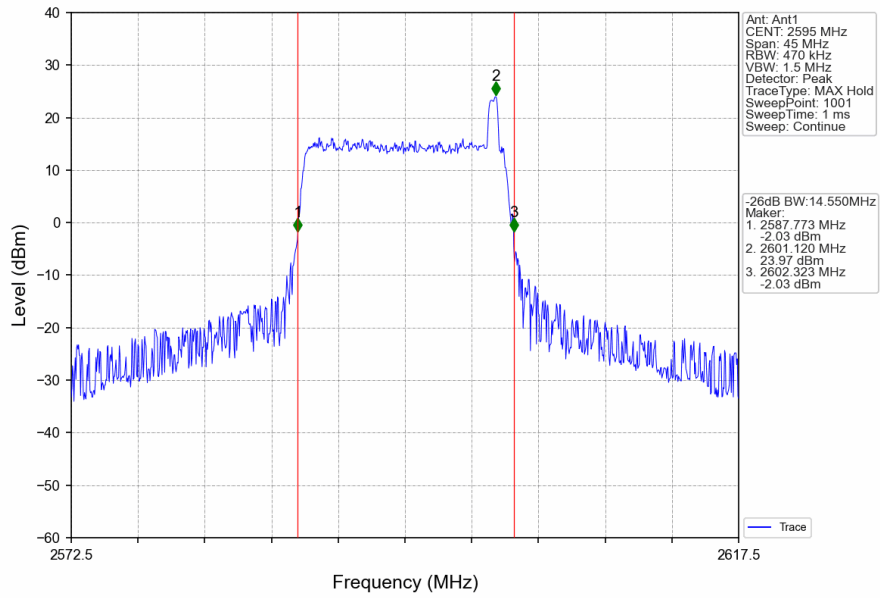
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



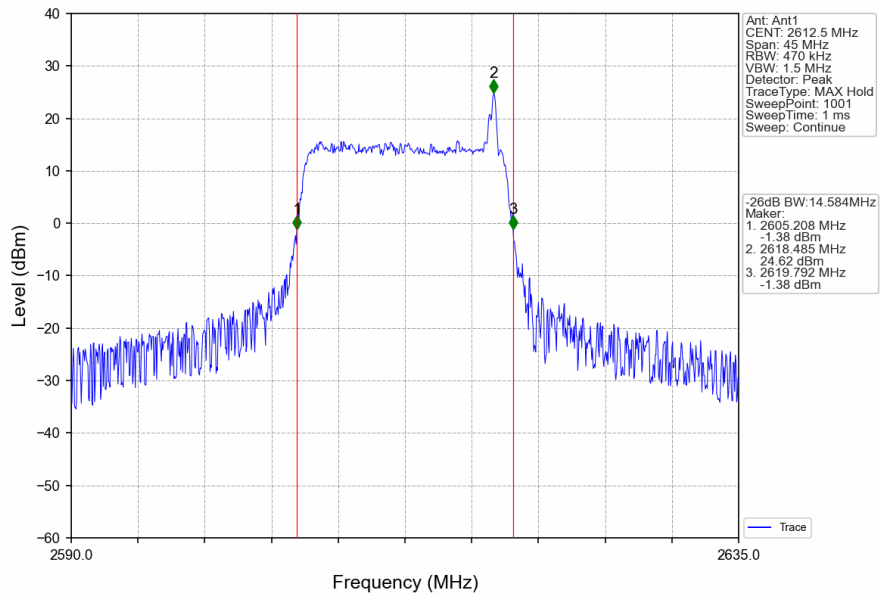
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



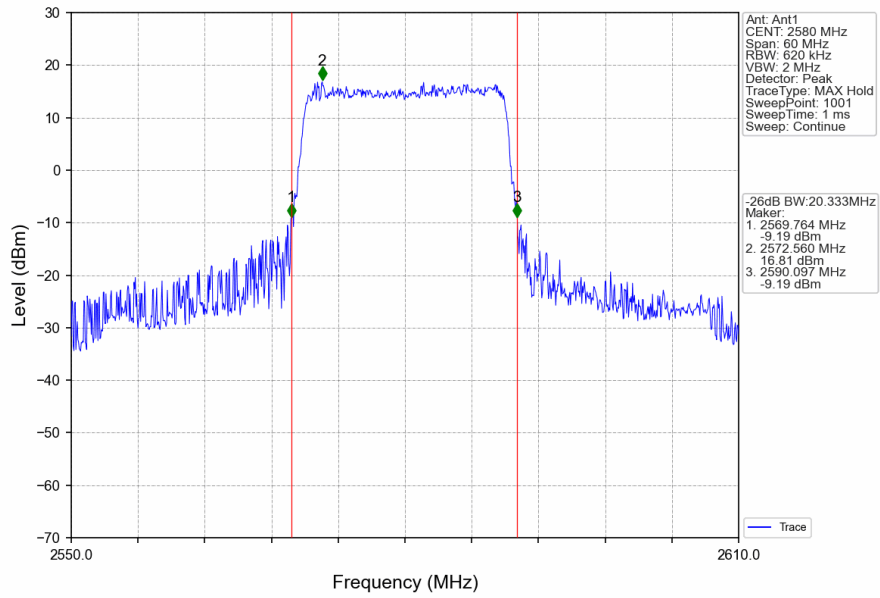
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



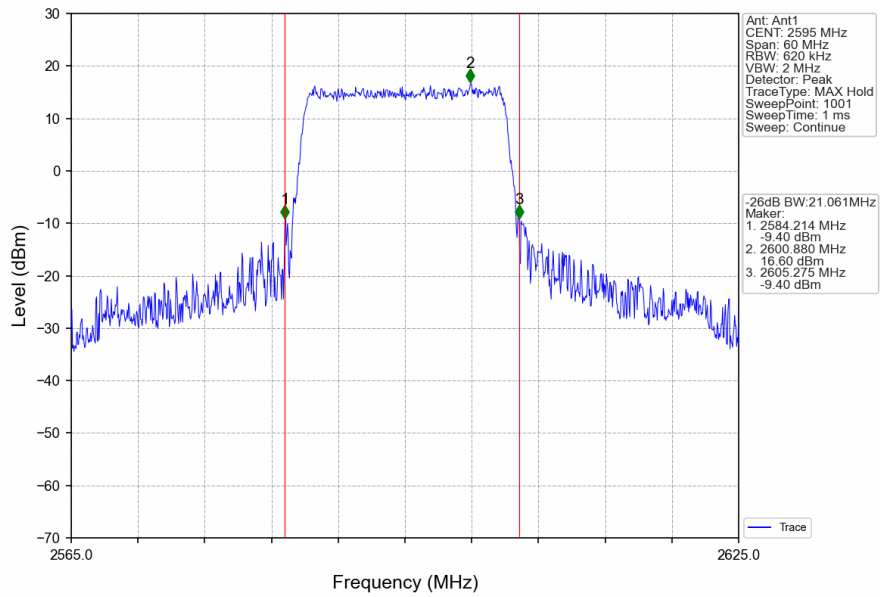
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



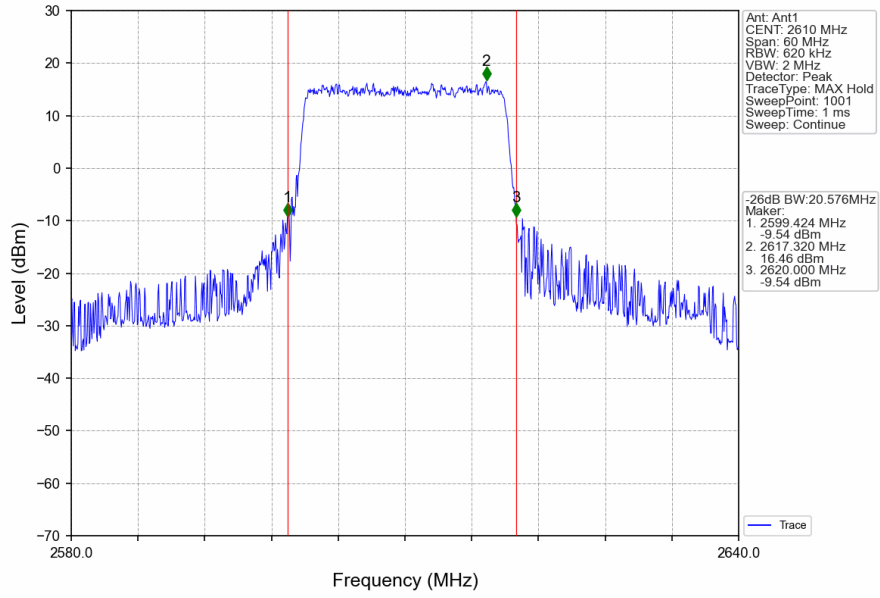
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



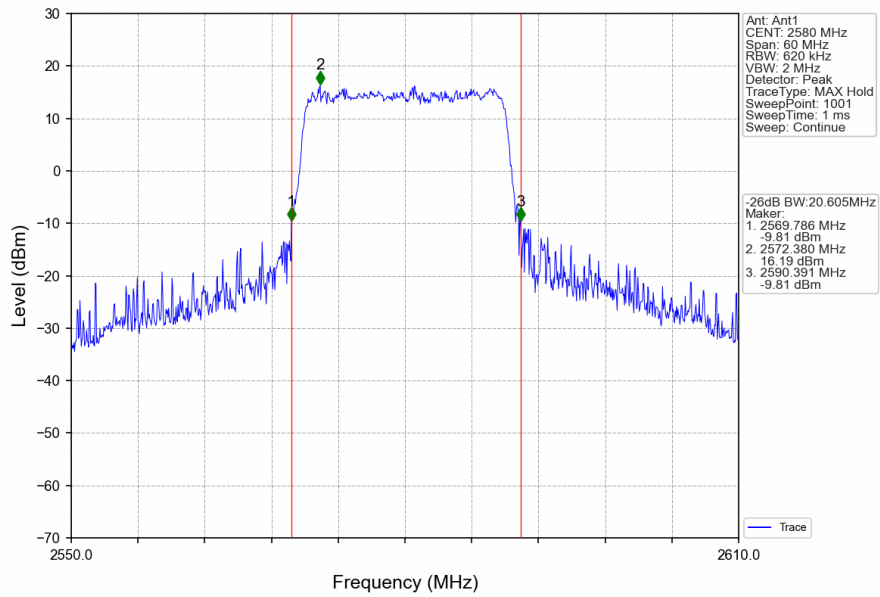
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



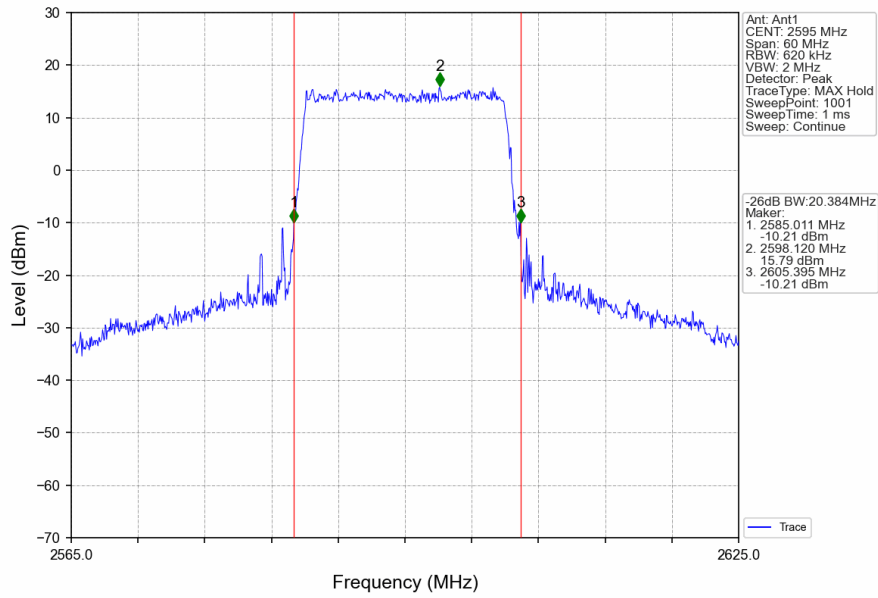
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



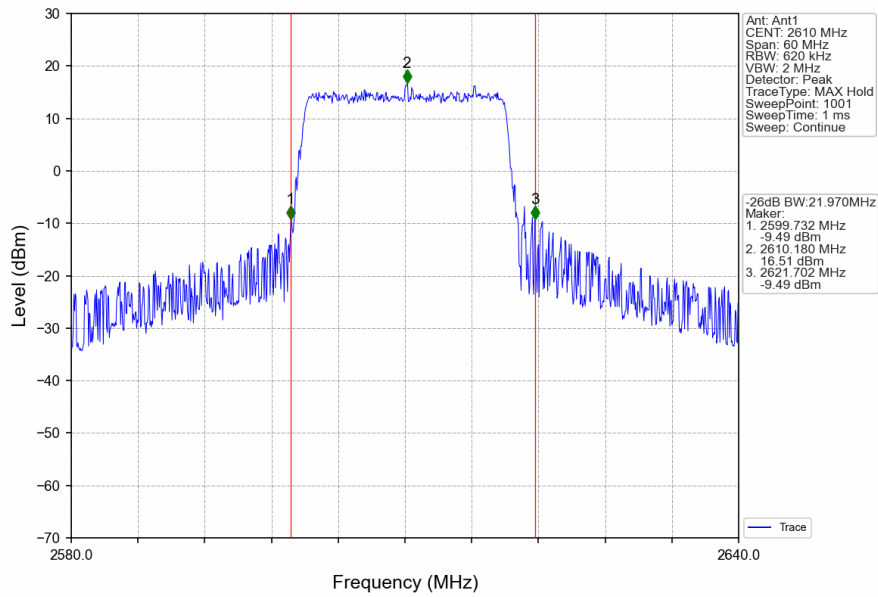
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



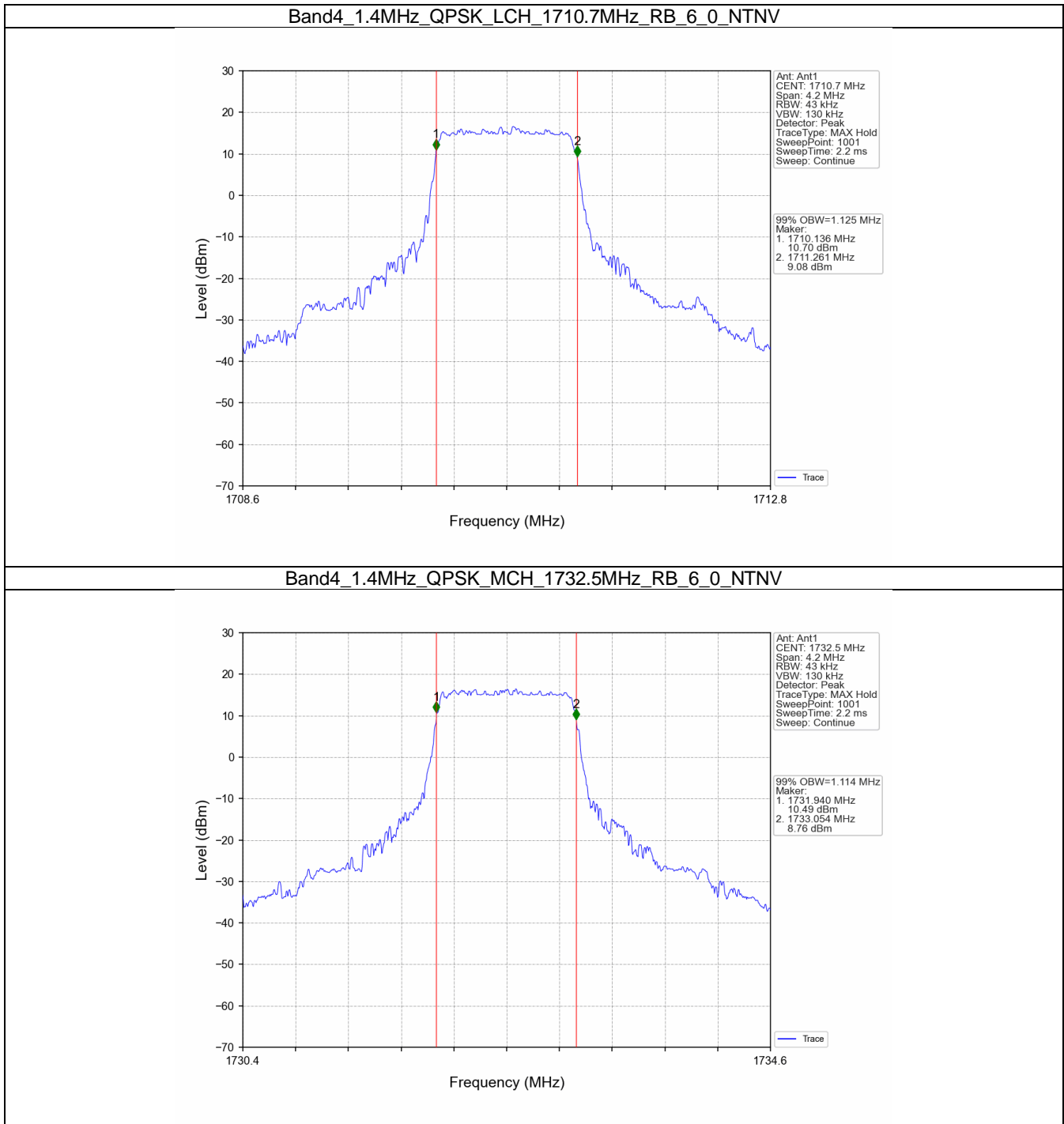
3. 99% & 26dB Bandwidth

3.1 Band4_OBW

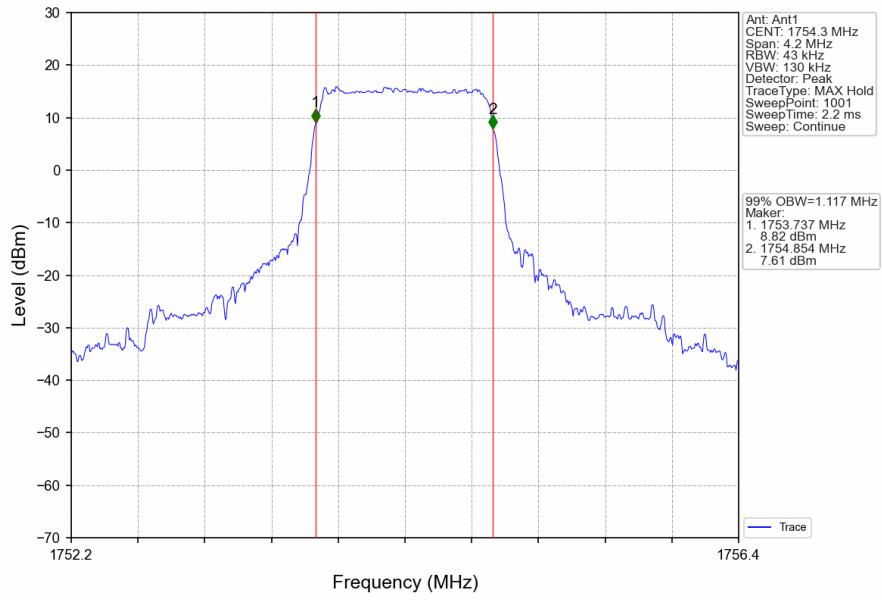
3.1.1 Test Result

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	1.125	Pass
		1732.5	6	0	1.114	Pass
		1754.3	6	0	1.117	Pass
	16QAM	1710.7	6	0	1.114	Pass
		1732.5	6	0	1.115	Pass
		1754.3	6	0	1.121	Pass
3	QPSK	1711.5	15	0	2.744	Pass
		1732.5	15	0	2.768	Pass
		1753.5	15	0	2.766	Pass
	16QAM	1711.5	15	0	2.775	Pass
		1732.5	15	0	2.748	Pass
		1753.5	15	0	2.771	Pass
5	QPSK	1712.5	25	0	4.594	Pass
		1732.5	25	0	4.558	Pass
		1752.5	25	0	4.566	Pass
	16QAM	1712.5	25	0	4.589	Pass
		1732.5	25	0	4.628	Pass
		1752.5	25	0	4.605	Pass
10	QPSK	1715	50	0	9.071	Pass
		1732.5	50	0	9.116	Pass
		1750	50	0	9.070	Pass
	16QAM	1715	50	0	9.086	Pass
		1732.5	50	0	9.099	Pass
		1750	50	0	9.090	Pass
15	QPSK	1717.5	75	0	13.638	Pass
		1732.5	75	0	13.652	Pass
		1747.5	75	0	13.551	Pass
	16QAM	1717.5	75	0	13.615	Pass
		1732.5	75	0	13.663	Pass
		1747.5	75	0	13.670	Pass
20	QPSK	1720	100	0	18.146	Pass
		1732.5	100	0	18.208	Pass
		1745	100	0	18.116	Pass
	16QAM	1720	100	0	18.210	Pass
		1732.5	100	0	18.155	Pass
		1745	100	0	18.151	Pass

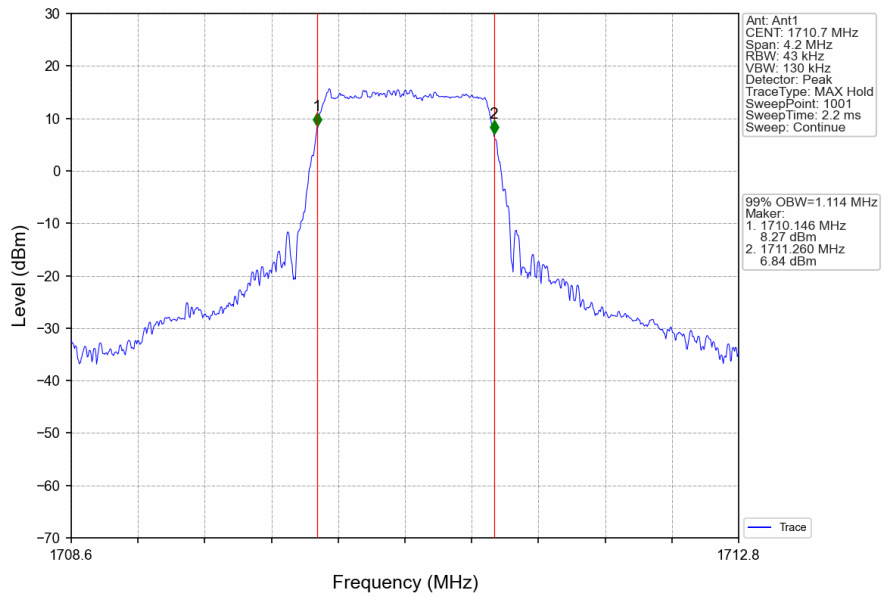
3.1.2 Test Graph



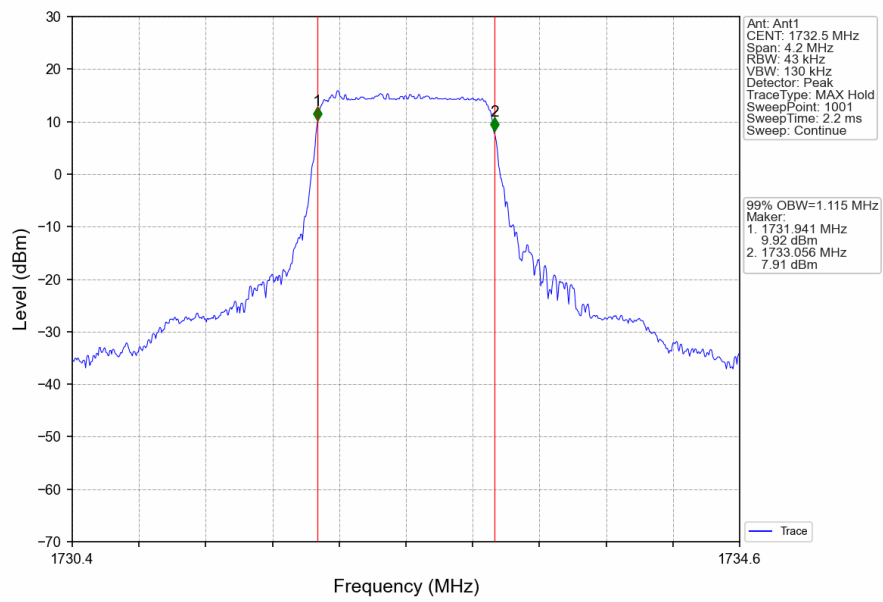
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



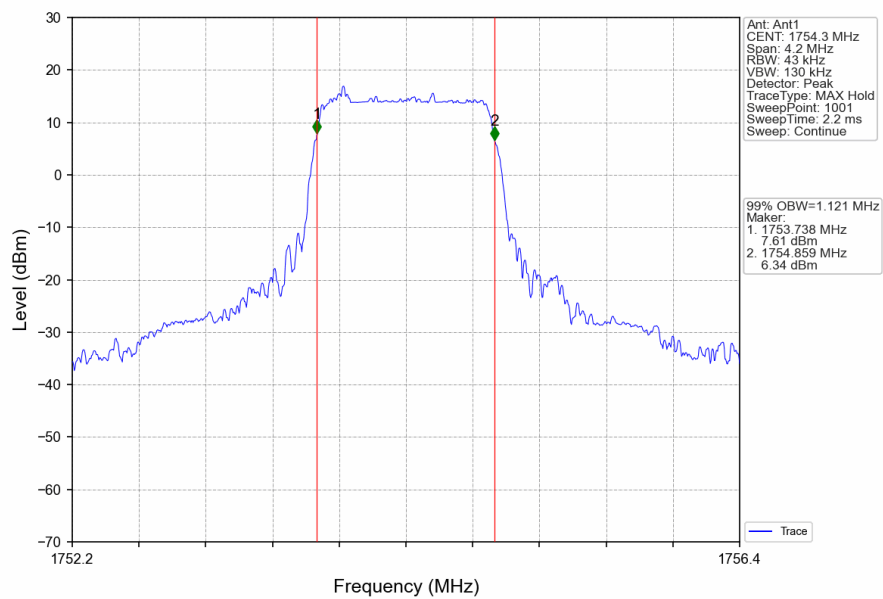
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



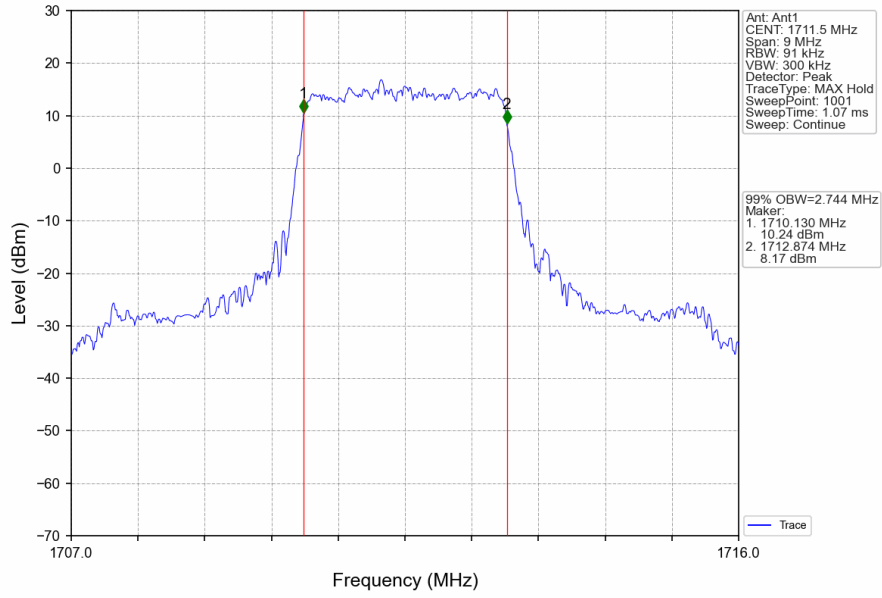
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



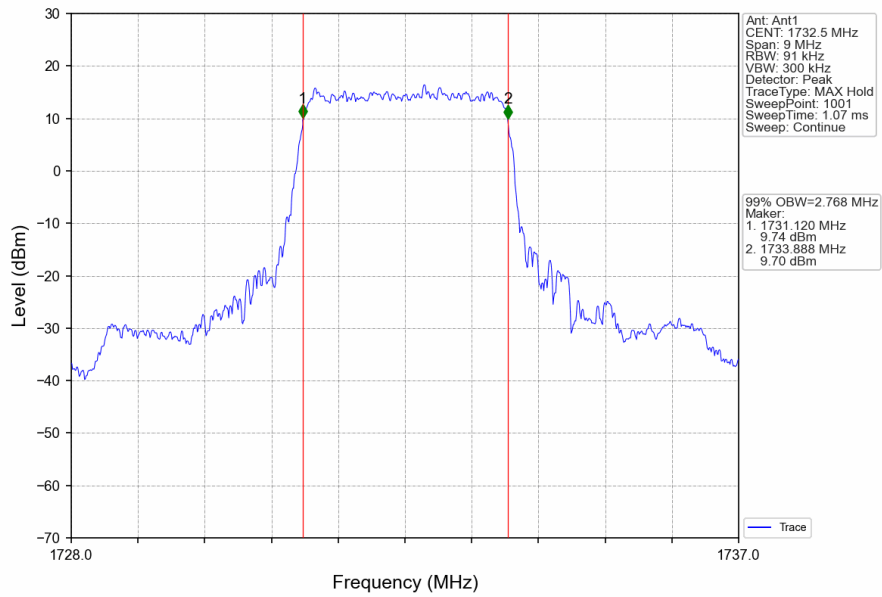
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



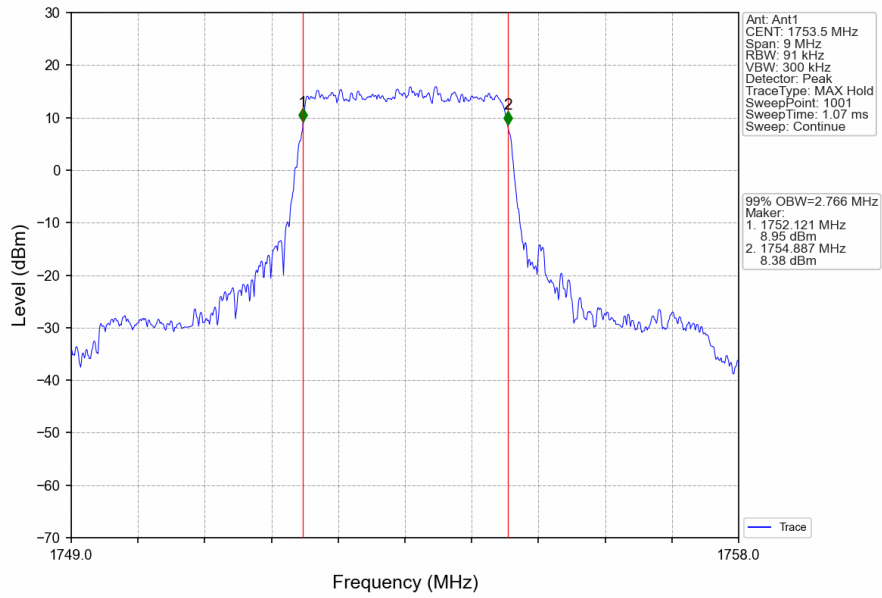
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



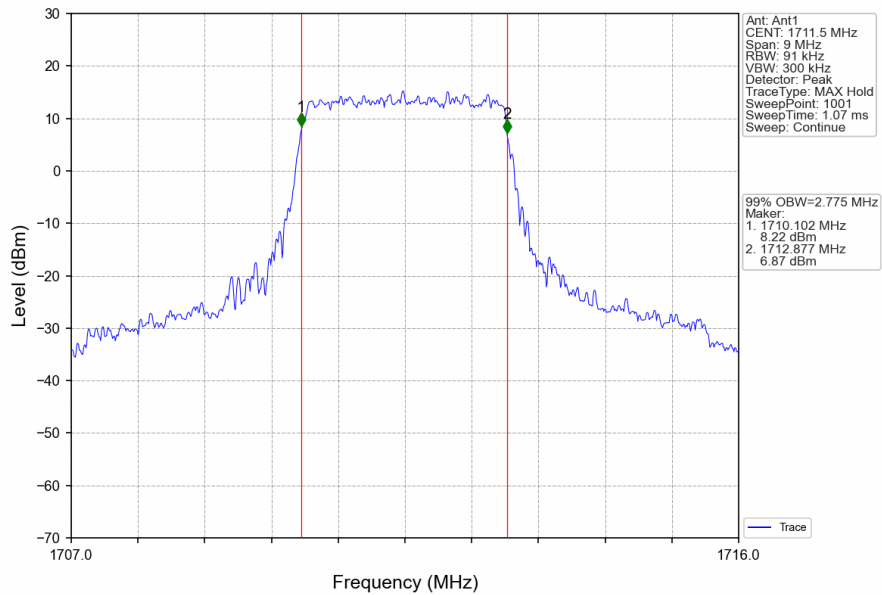
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



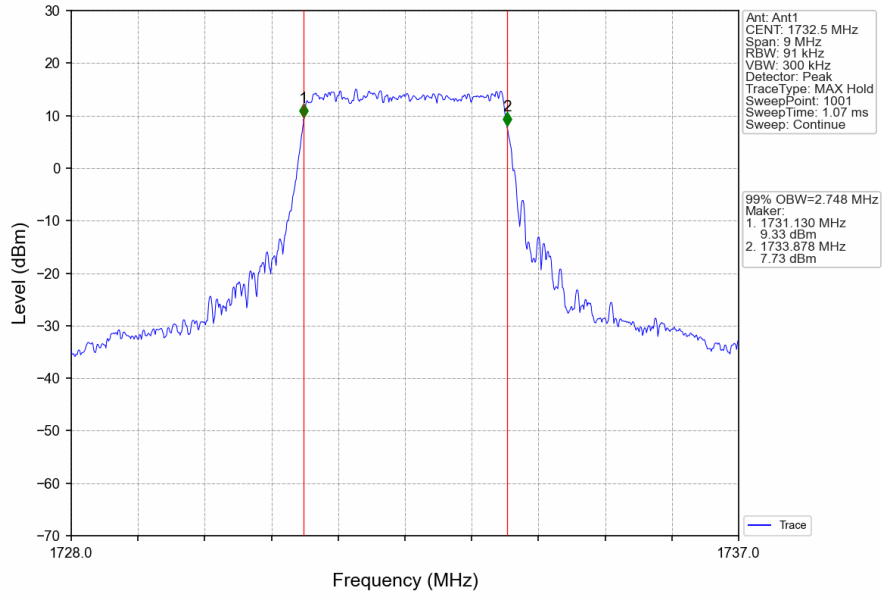
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



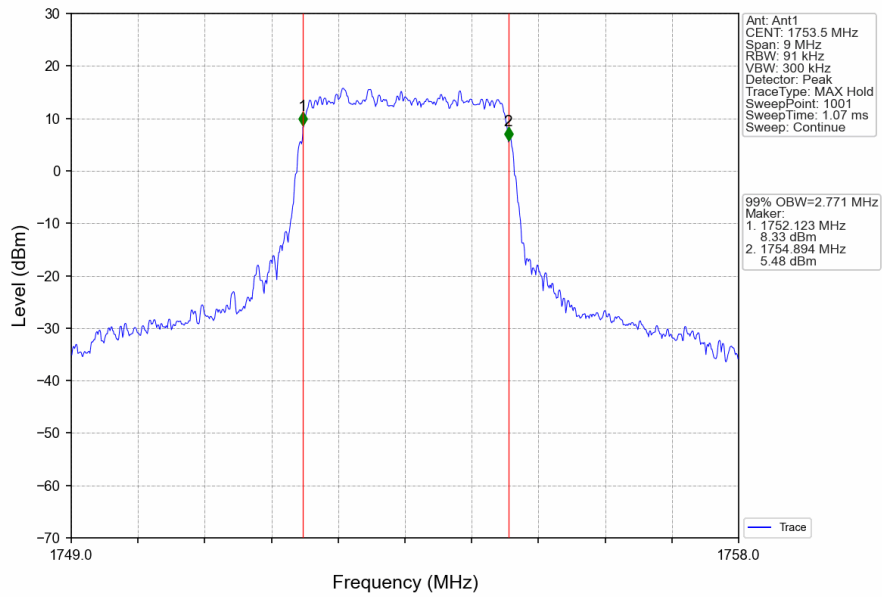
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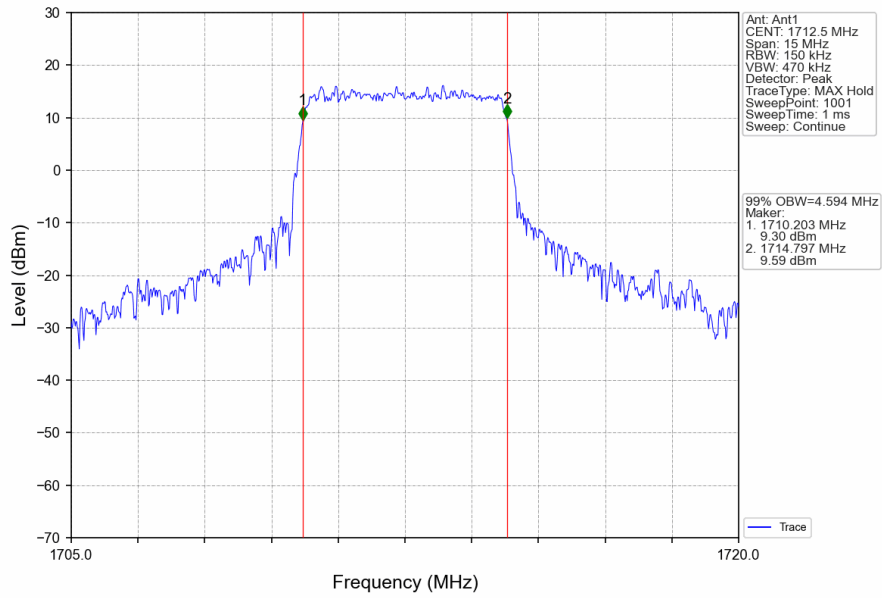
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



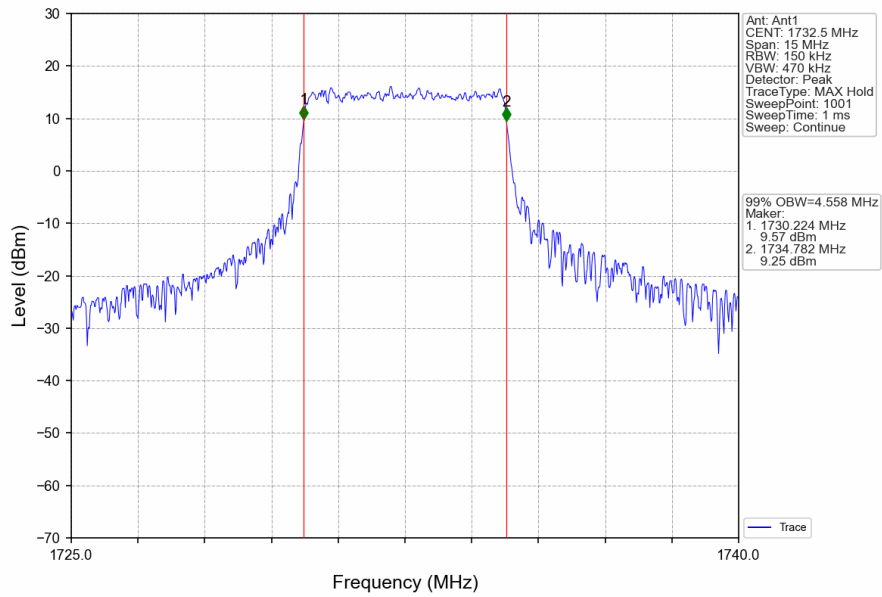
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



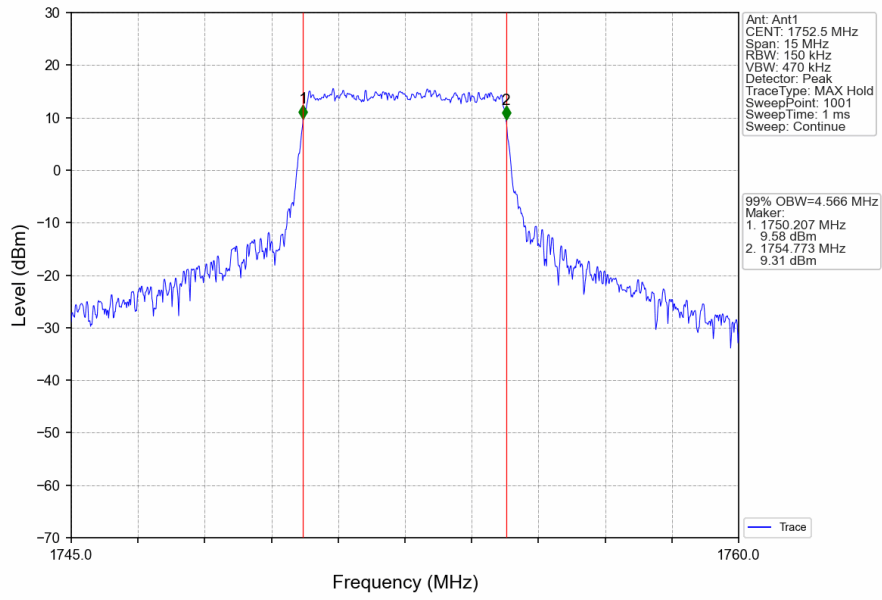
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



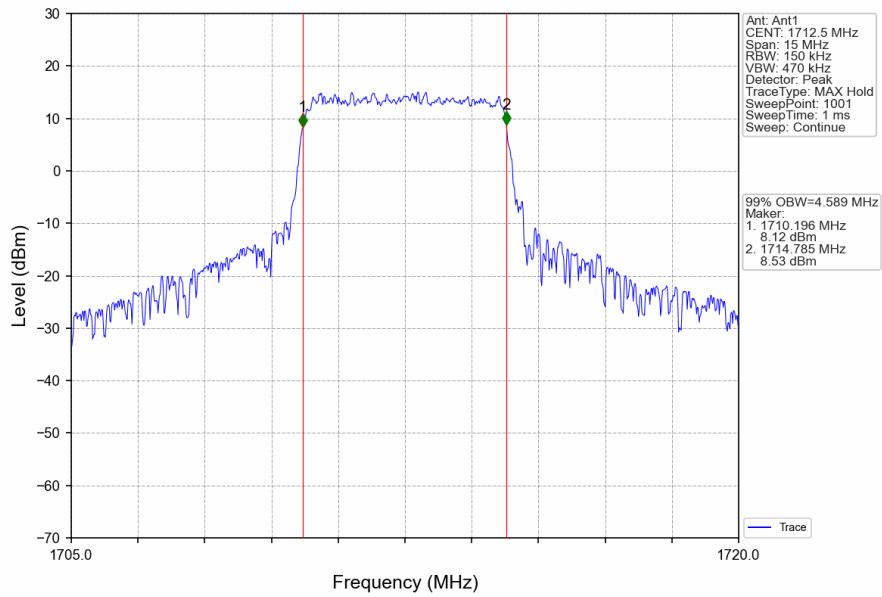
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



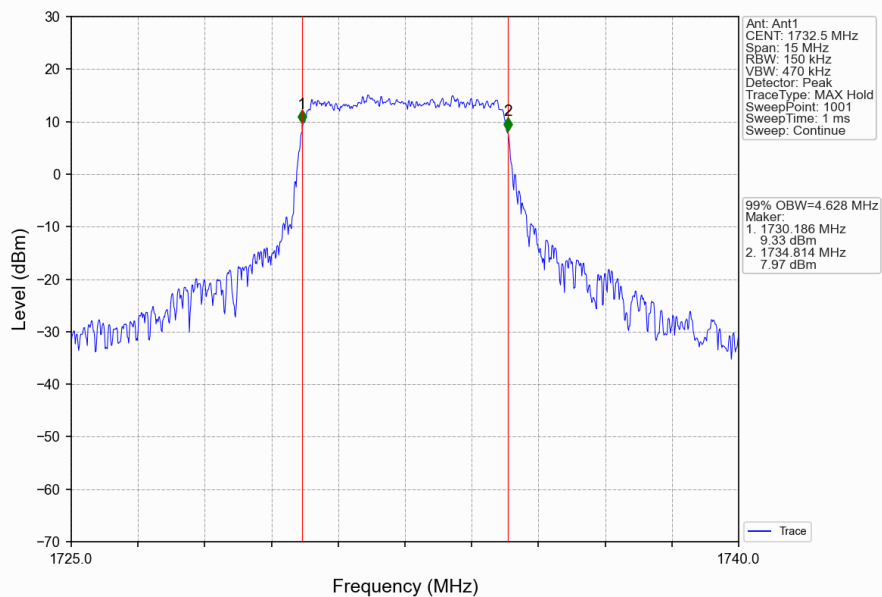
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



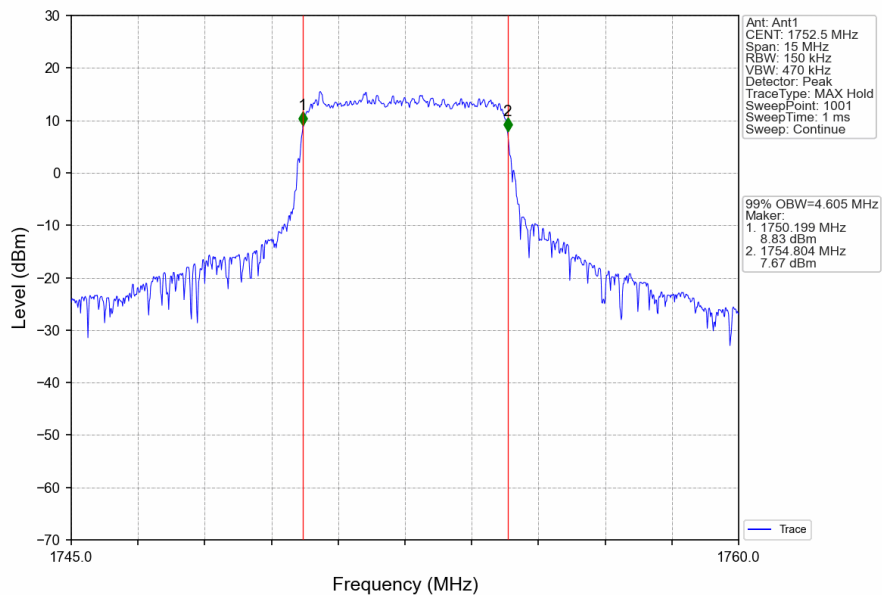
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



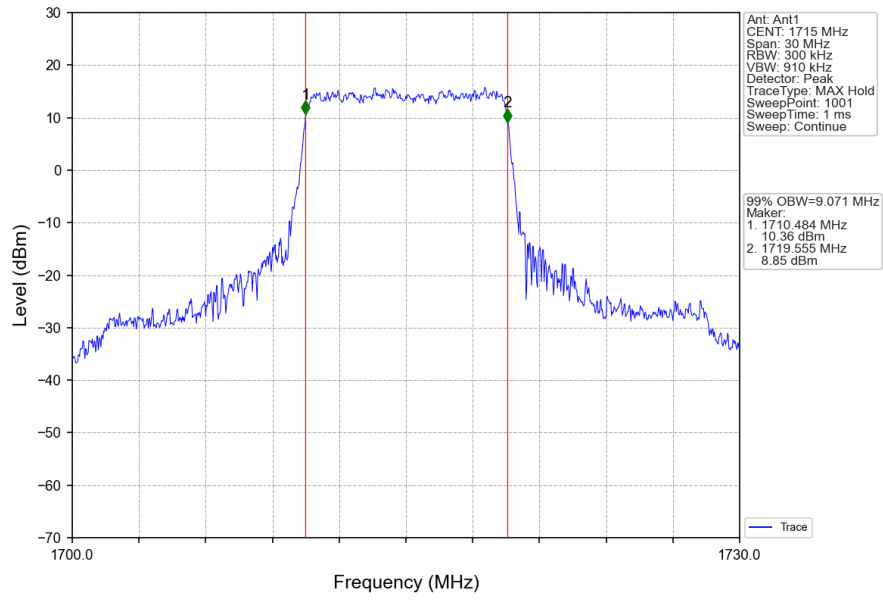
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



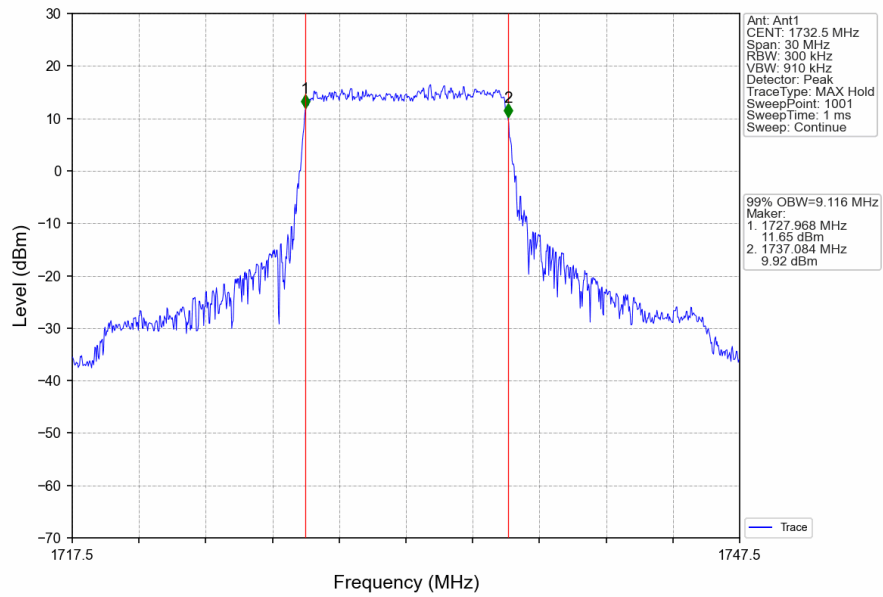
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



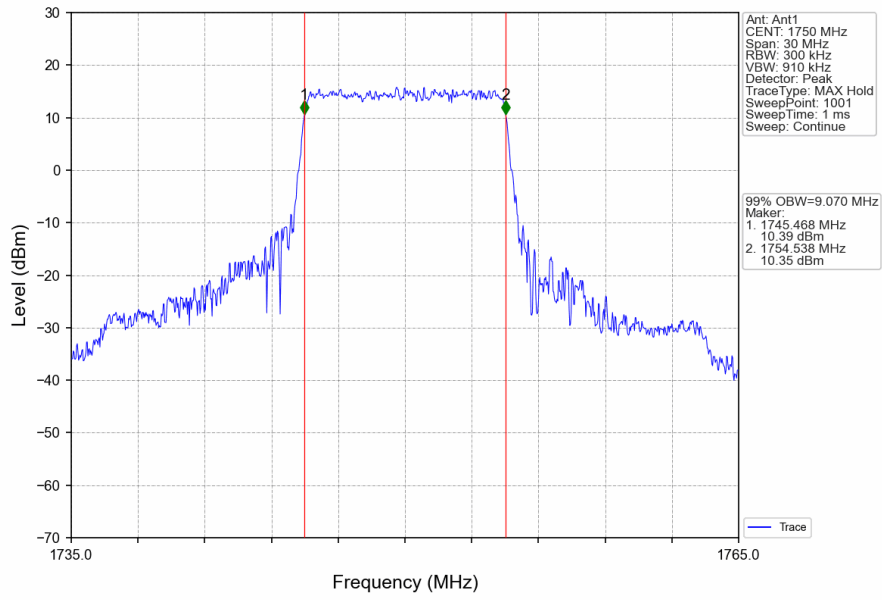
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



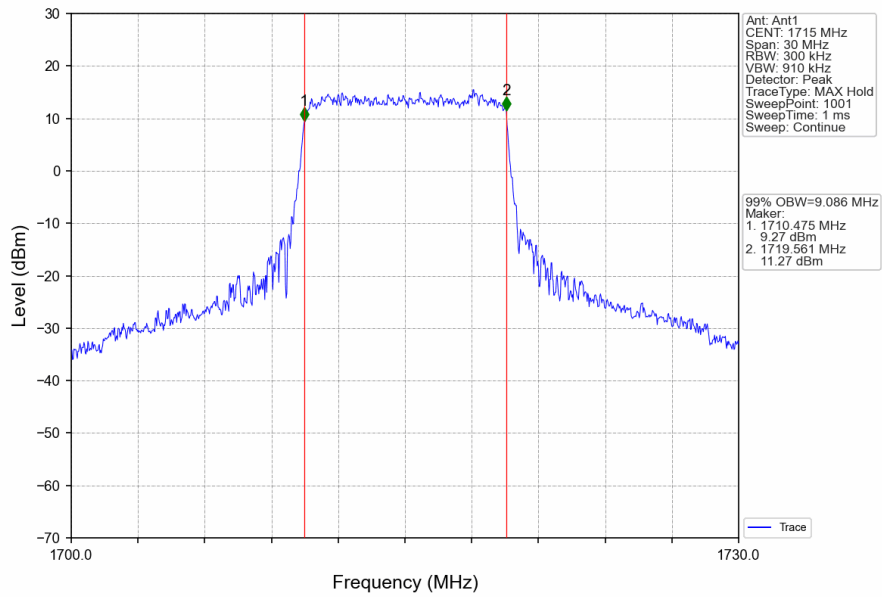
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



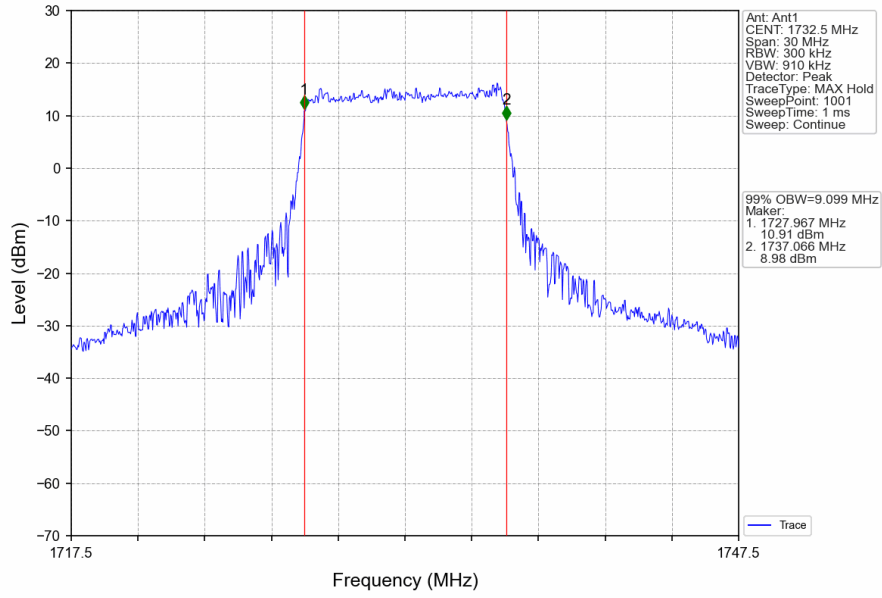
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



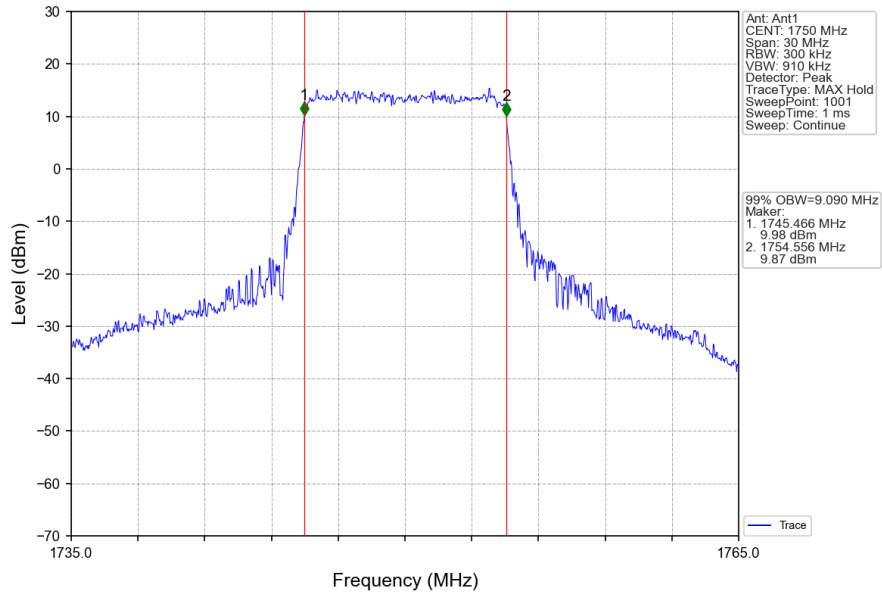
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



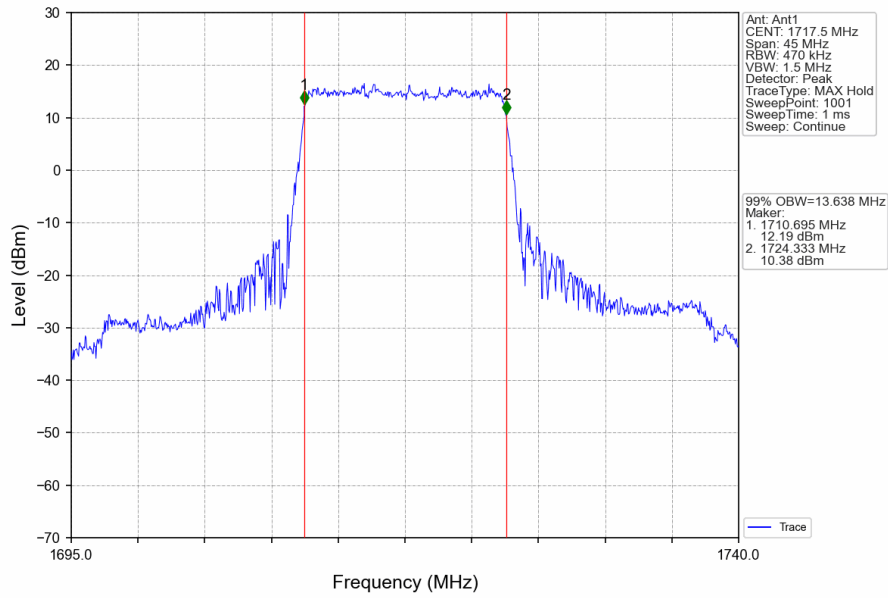
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



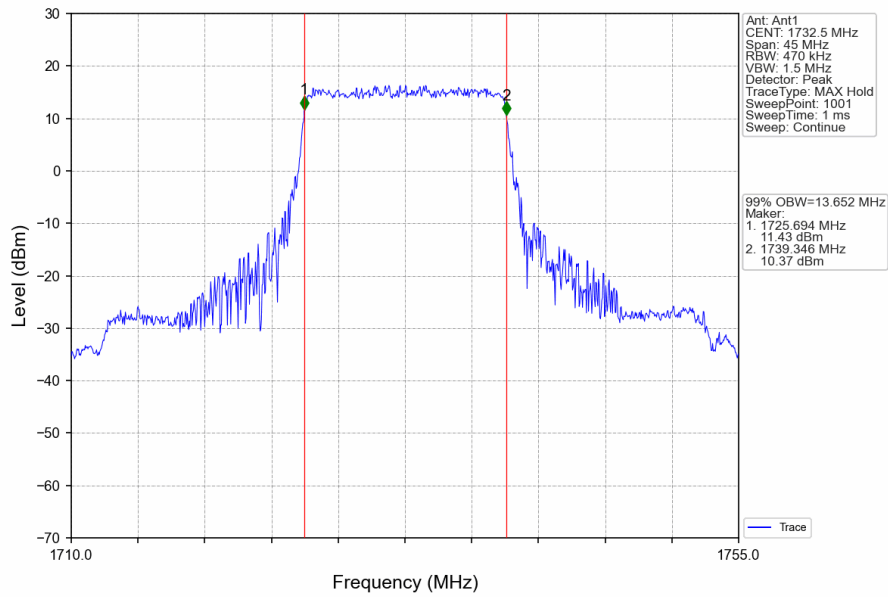
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



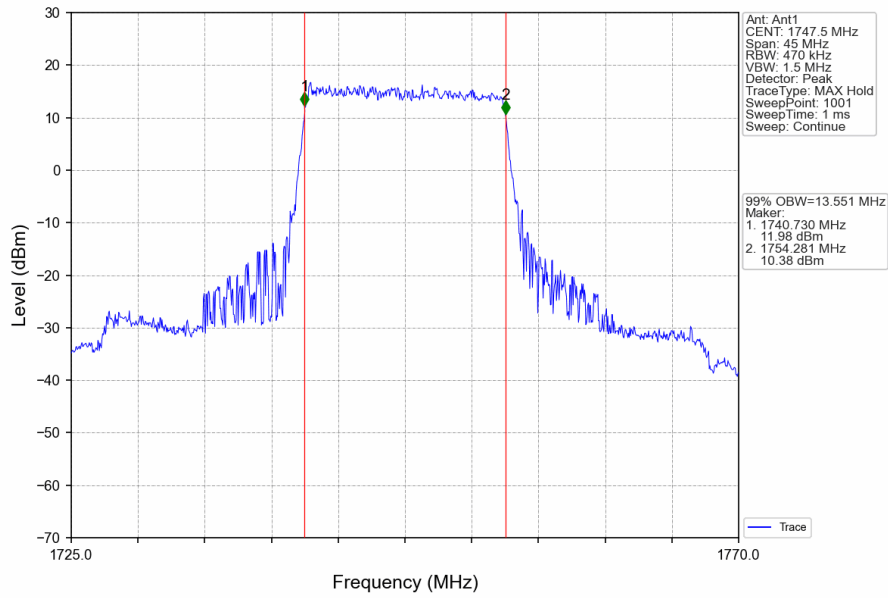
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



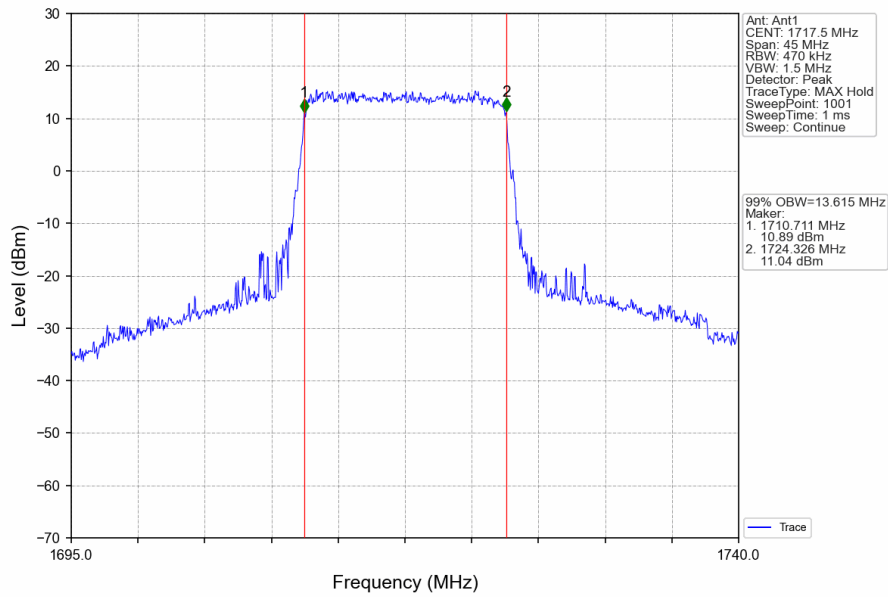
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



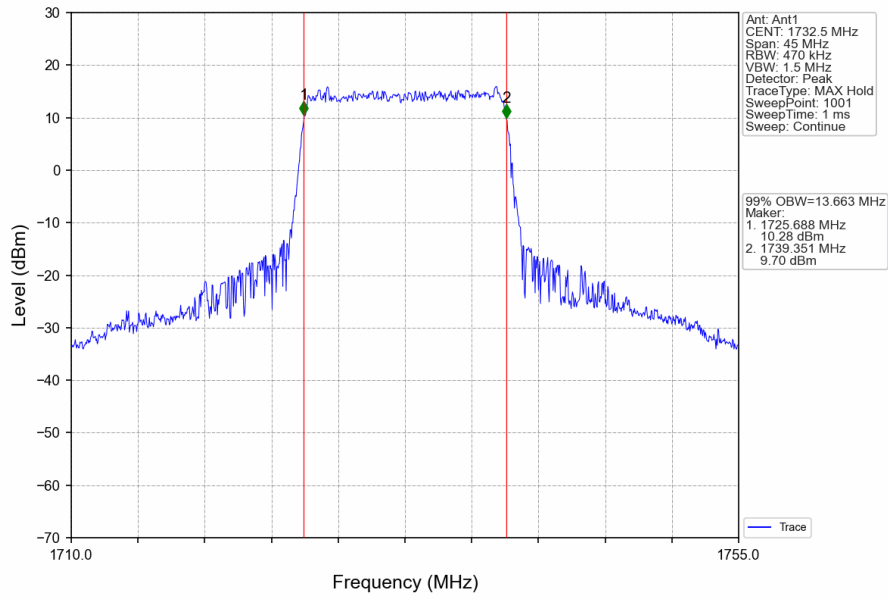
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



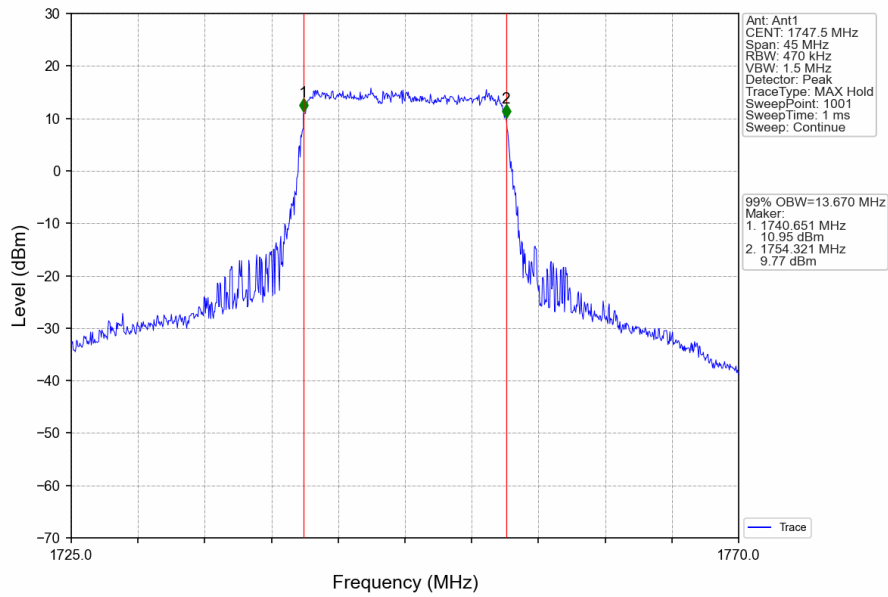
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



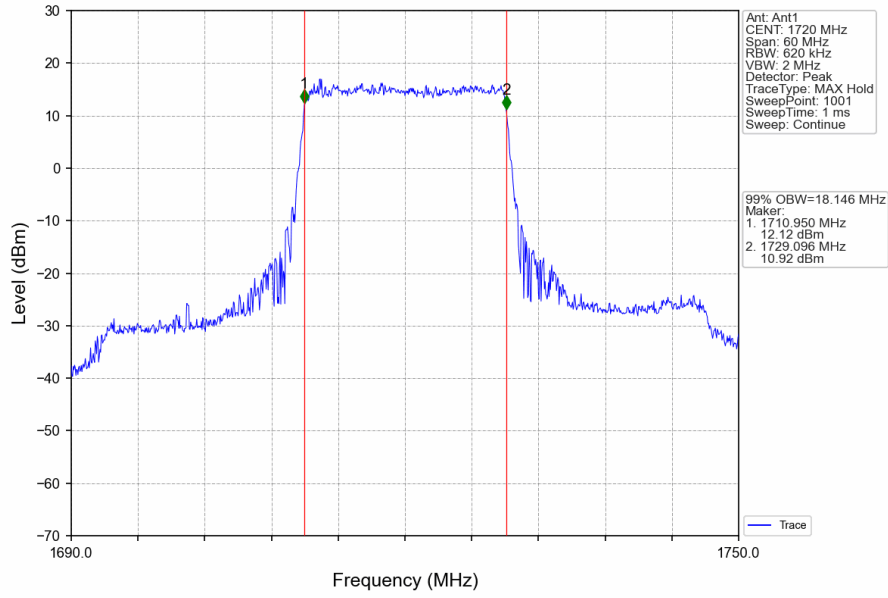
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



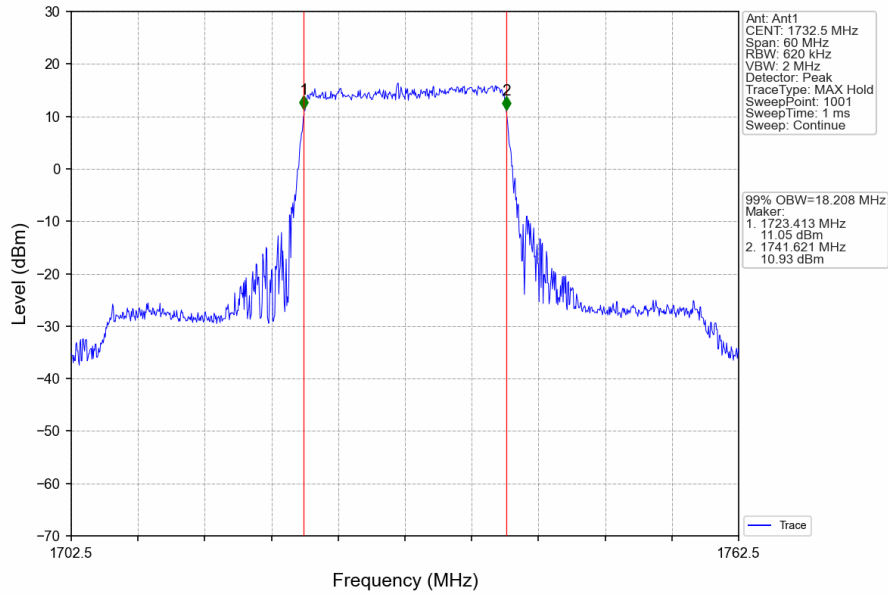
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



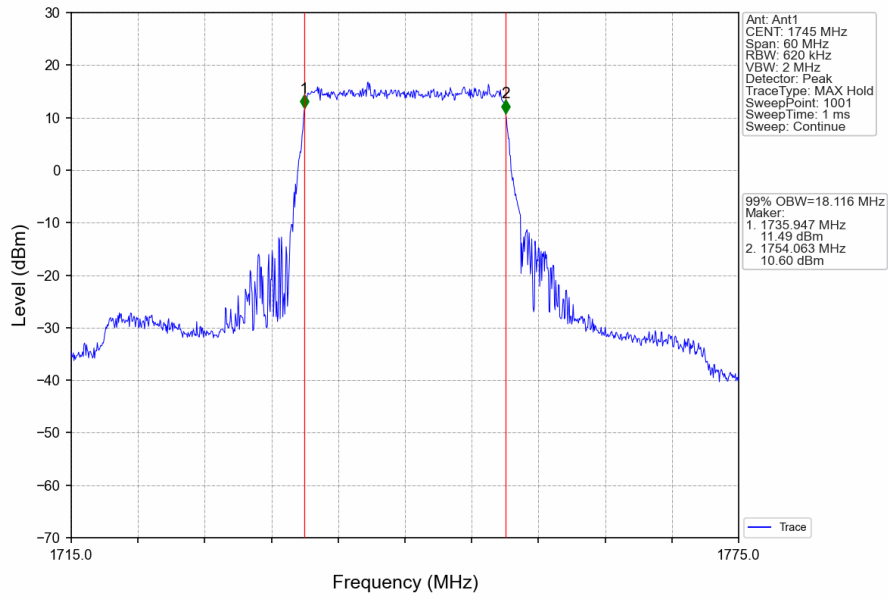
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



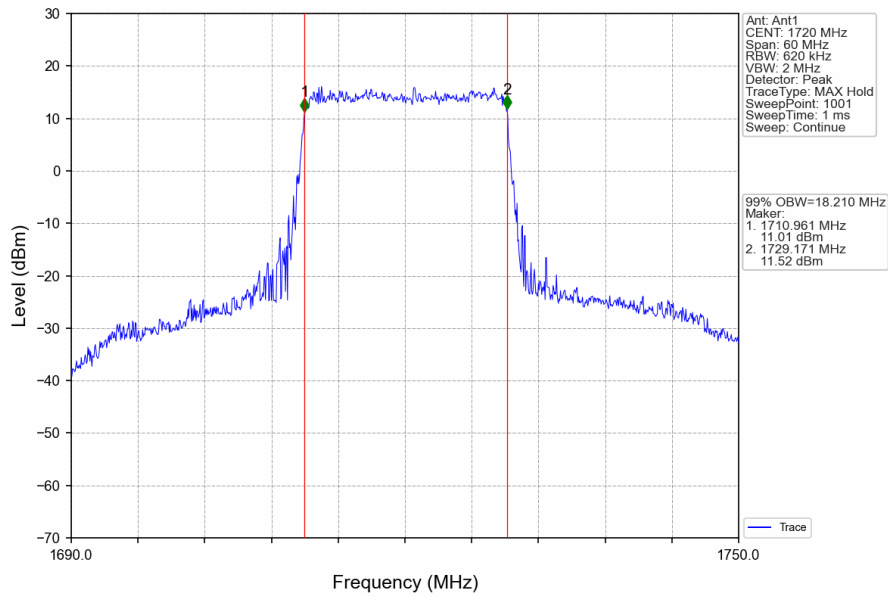
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



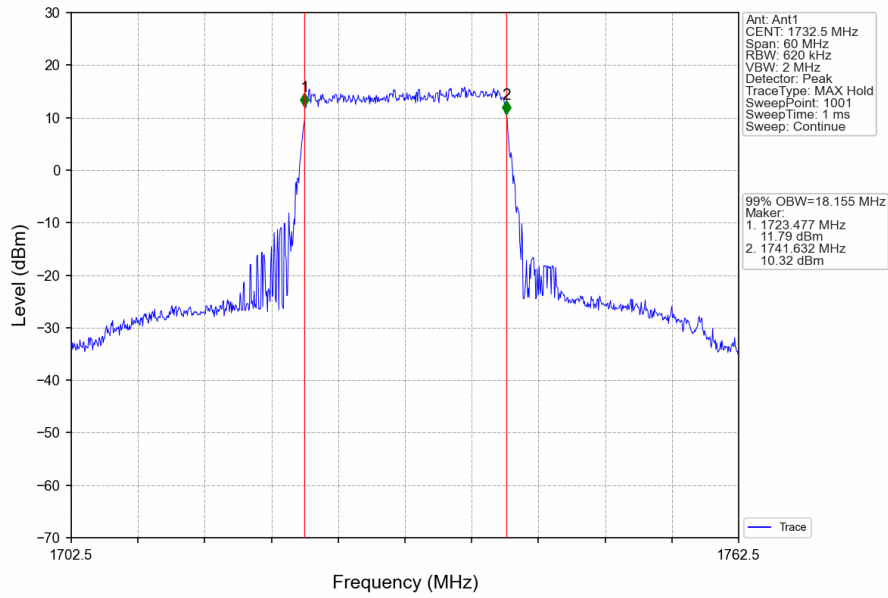
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



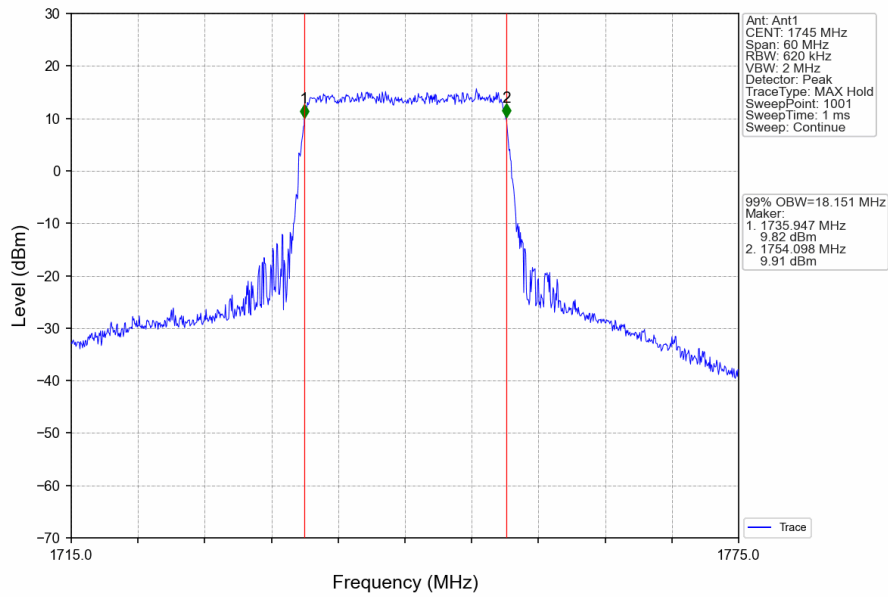
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

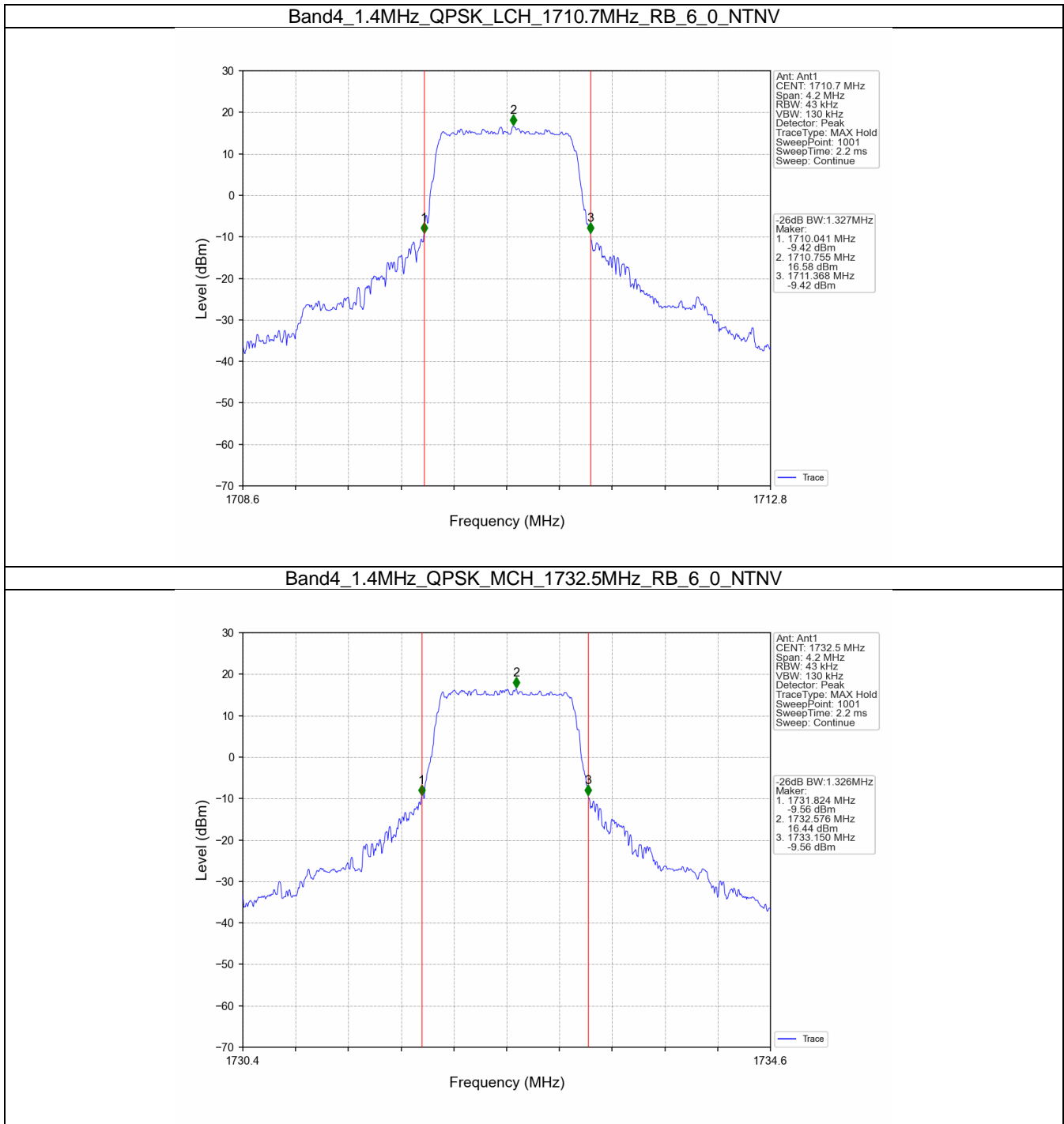


3.2 Band4_XDB

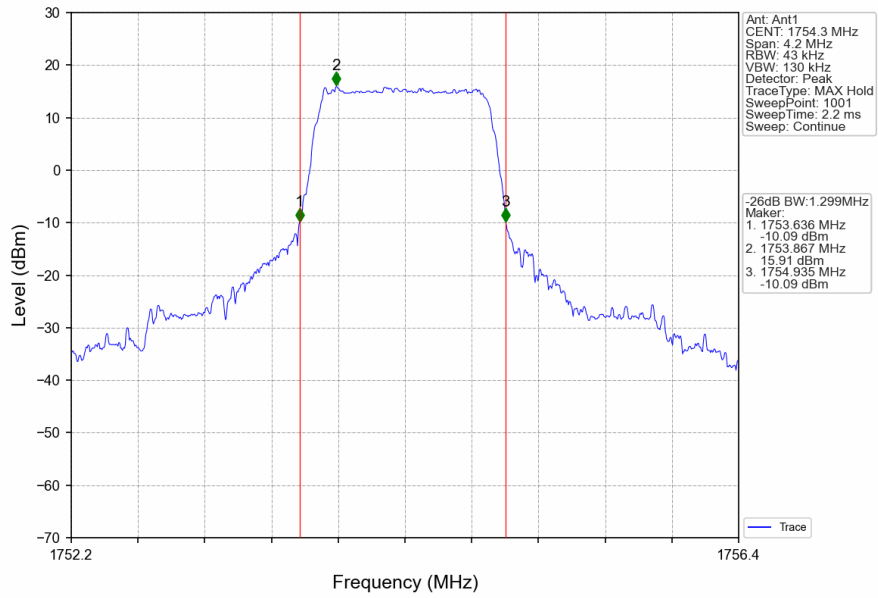
3.2.1 Test Result

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.327	Pass
		1732.5	6	0	1.326	Pass
		1754.3	6	0	1.299	Pass
	16QAM	1710.7	6	0	1.317	Pass
		1732.5	6	0	1.325	Pass
		1754.3	6	0	1.272	Pass
3	QPSK	1711.5	15	0	3.117	Pass
		1732.5	15	0	3.145	Pass
		1753.5	15	0	3.142	Pass
	16QAM	1711.5	15	0	3.299	Pass
		1732.5	15	0	3.218	Pass
		1753.5	15	0	3.109	Pass
5	QPSK	1712.5	25	0	5.583	Pass
		1732.5	25	0	5.859	Pass
		1752.5	25	0	5.324	Pass
	16QAM	1712.5	25	0	5.648	Pass
		1732.5	25	0	5.699	Pass
		1752.5	25	0	5.758	Pass
10	QPSK	1715	50	0	10.403	Pass
		1732.5	50	0	10.465	Pass
		1750	50	0	10.242	Pass
	16QAM	1715	50	0	10.155	Pass
		1732.5	50	0	10.772	Pass
		1750	50	0	10.282	Pass
15	QPSK	1717.5	75	0	15.774	Pass
		1732.5	75	0	16.195	Pass
		1747.5	75	0	15.693	Pass
	16QAM	1717.5	75	0	15.297	Pass
		1732.5	75	0	15.289	Pass
		1747.5	75	0	15.739	Pass
20	QPSK	1720	100	0	20.353	Pass
		1732.5	100	0	21.387	Pass
		1745	100	0	20.449	Pass
	16QAM	1720	100	0	20.624	Pass
		1732.5	100	0	21.361	Pass
		1745	100	0	20.175	Pass

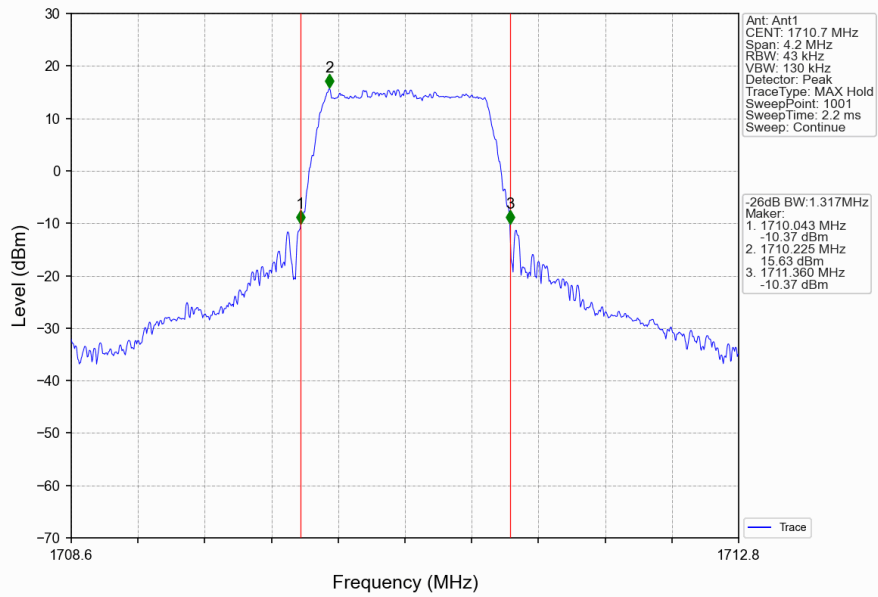
3.2.2 Test Graph



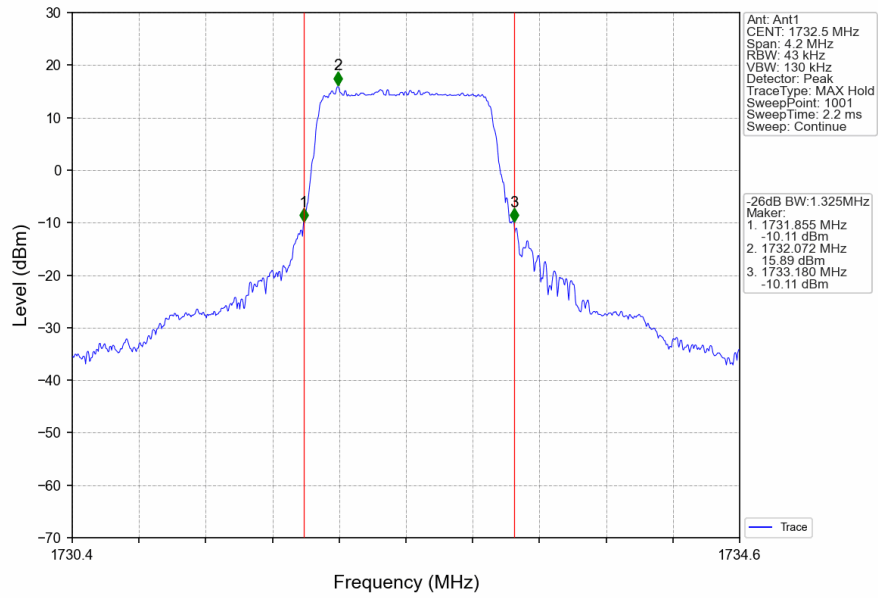
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



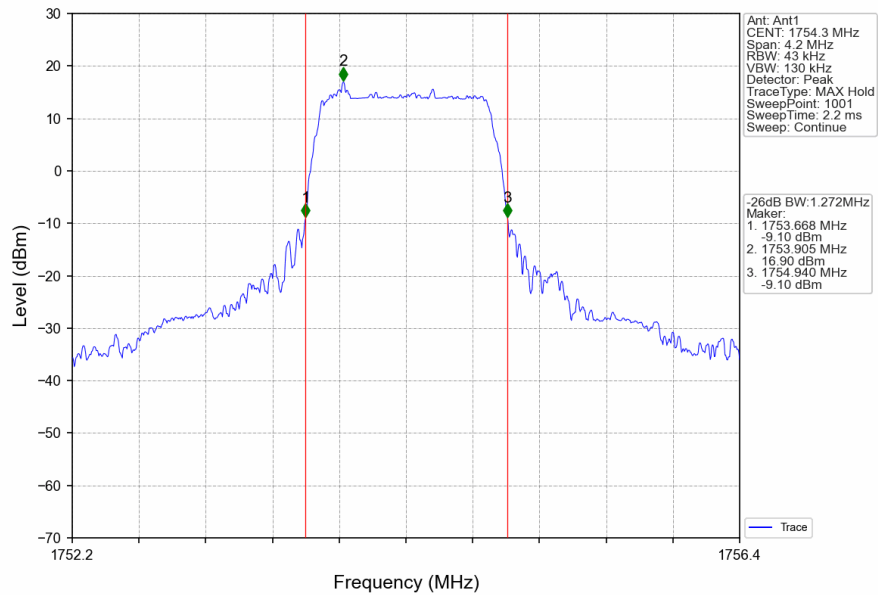
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



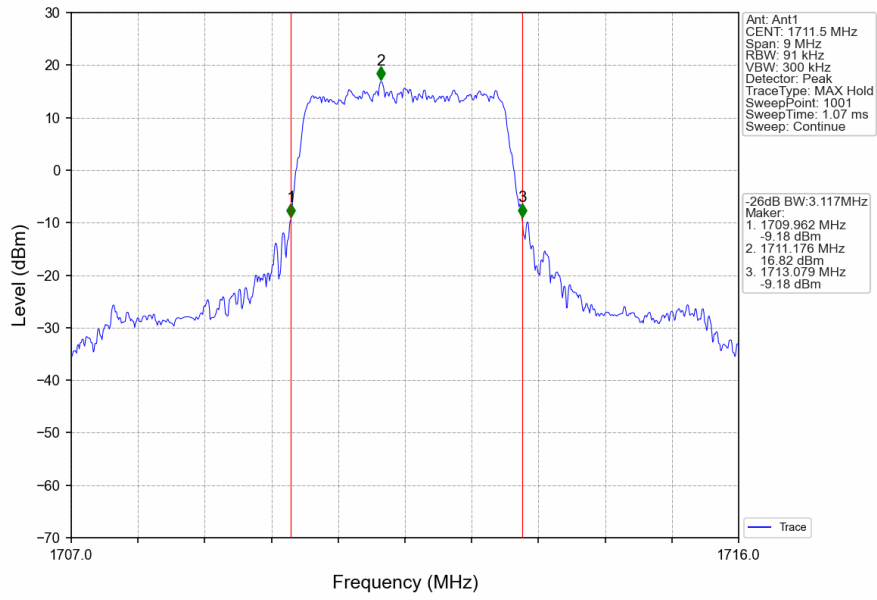
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



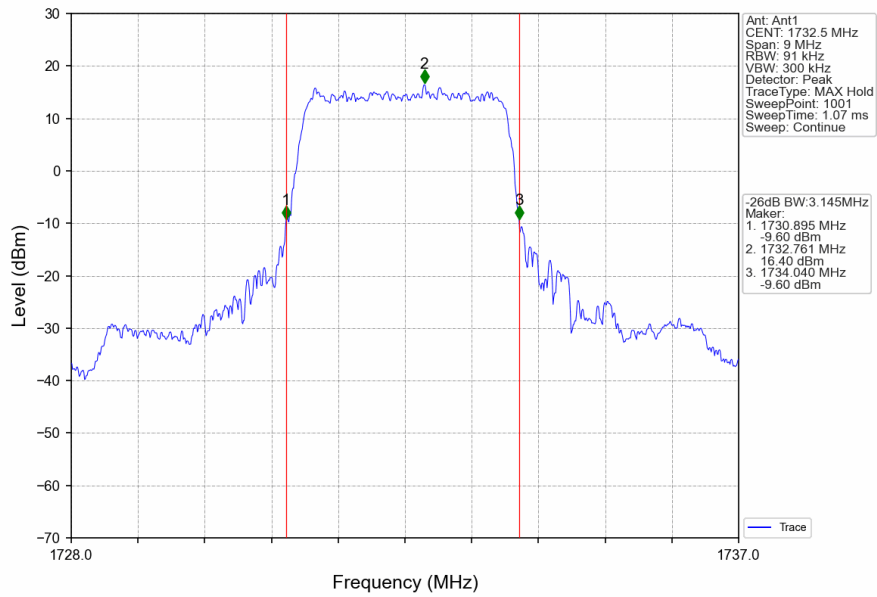
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



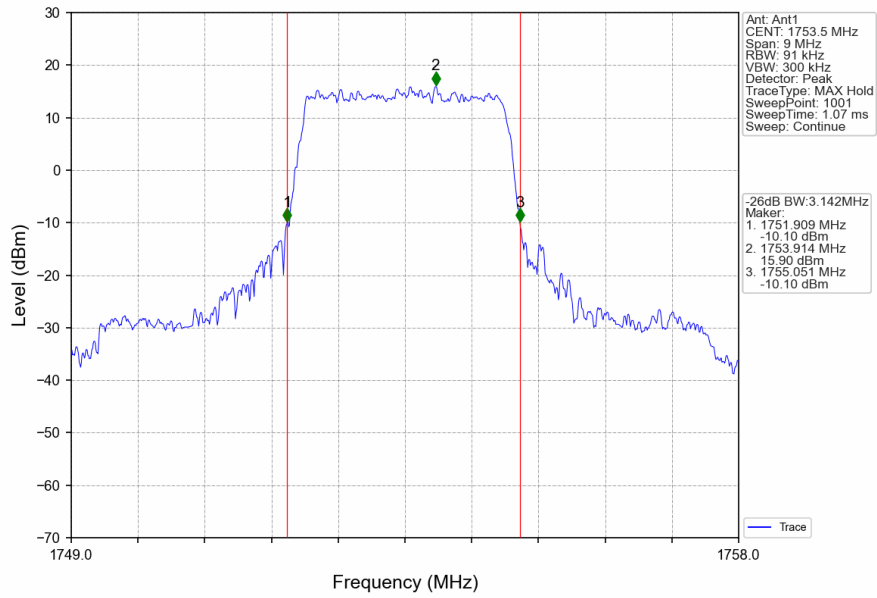
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



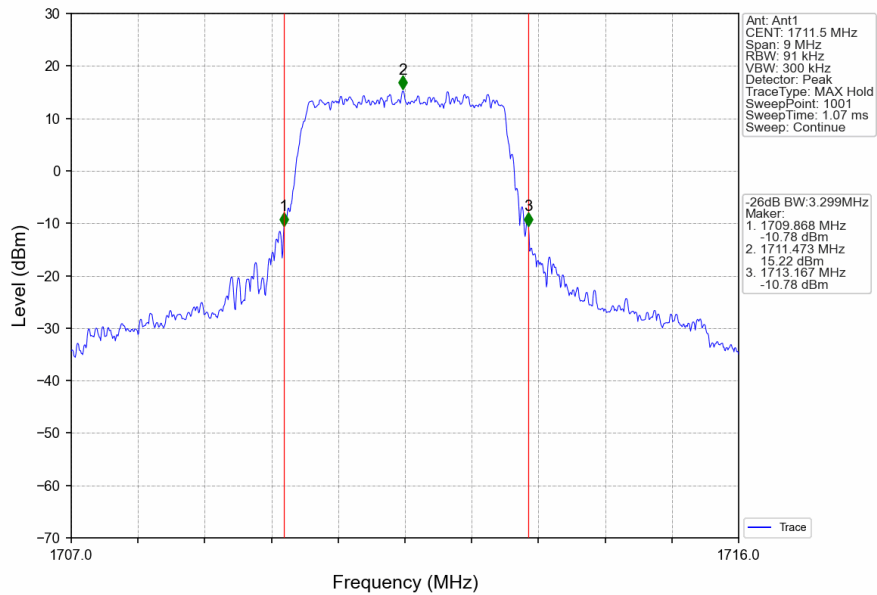
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



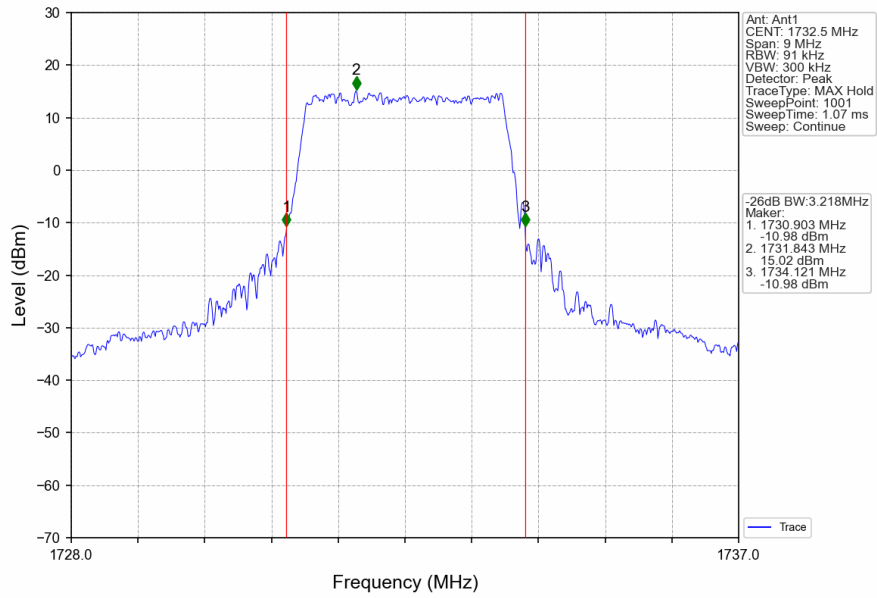
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



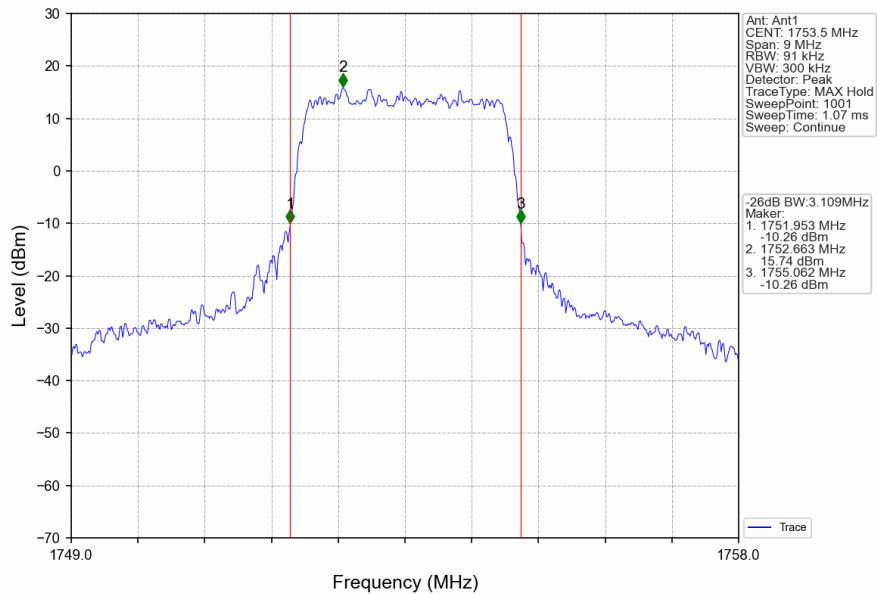
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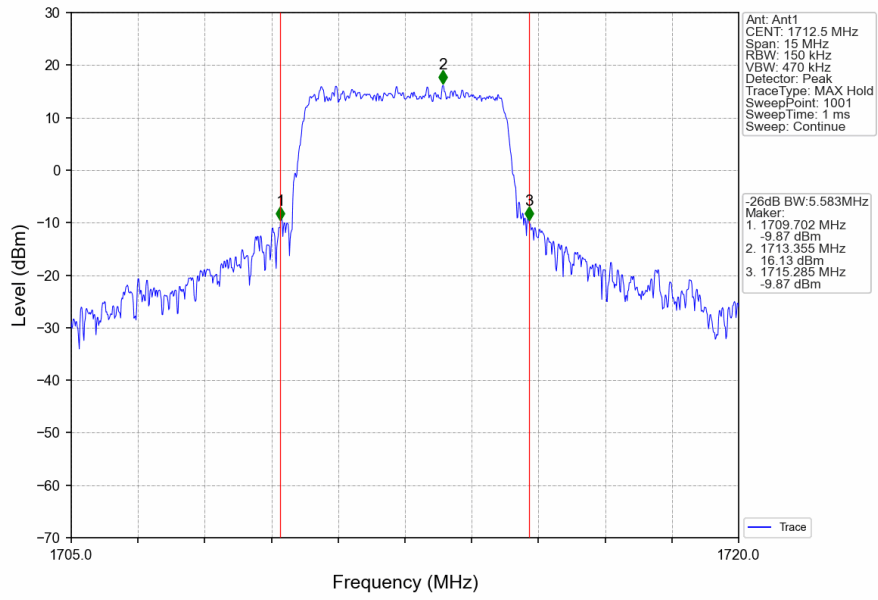
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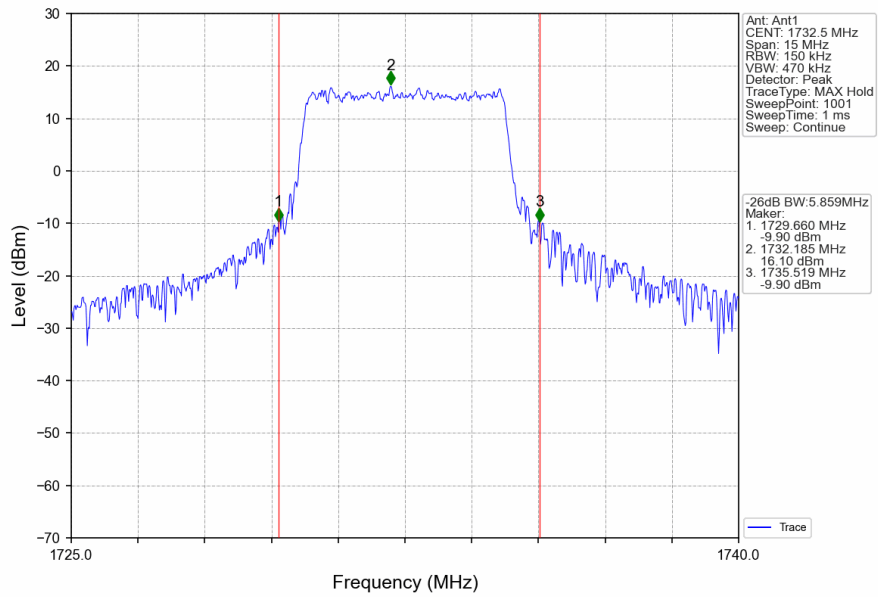
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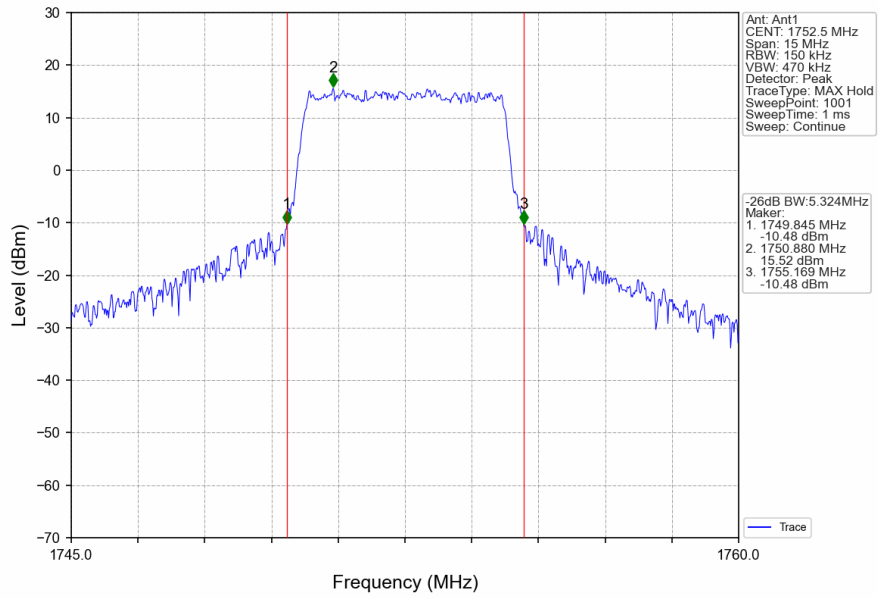
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



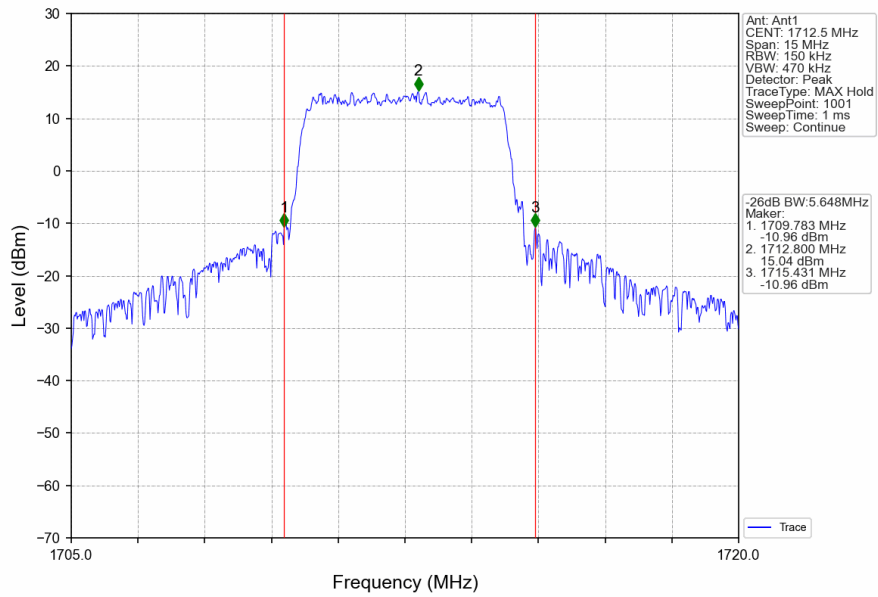
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



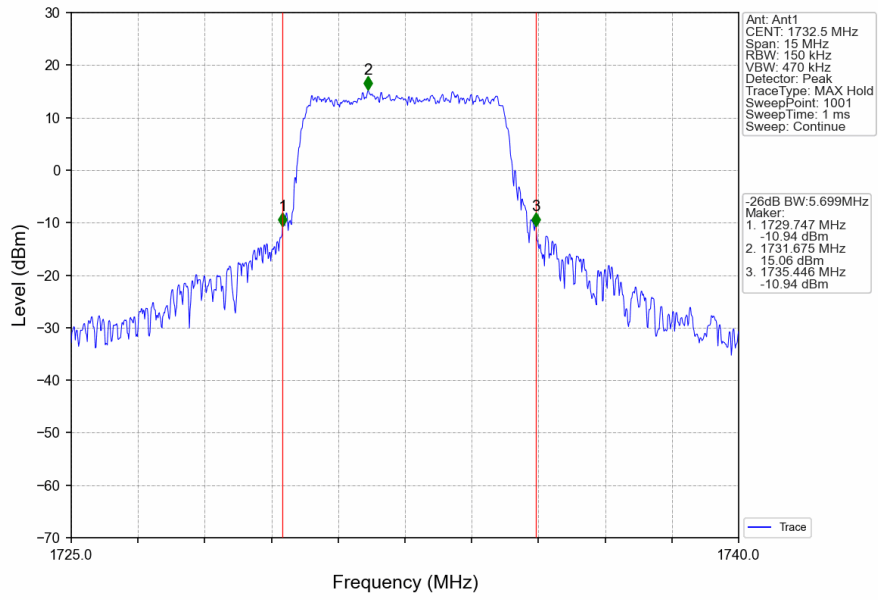
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



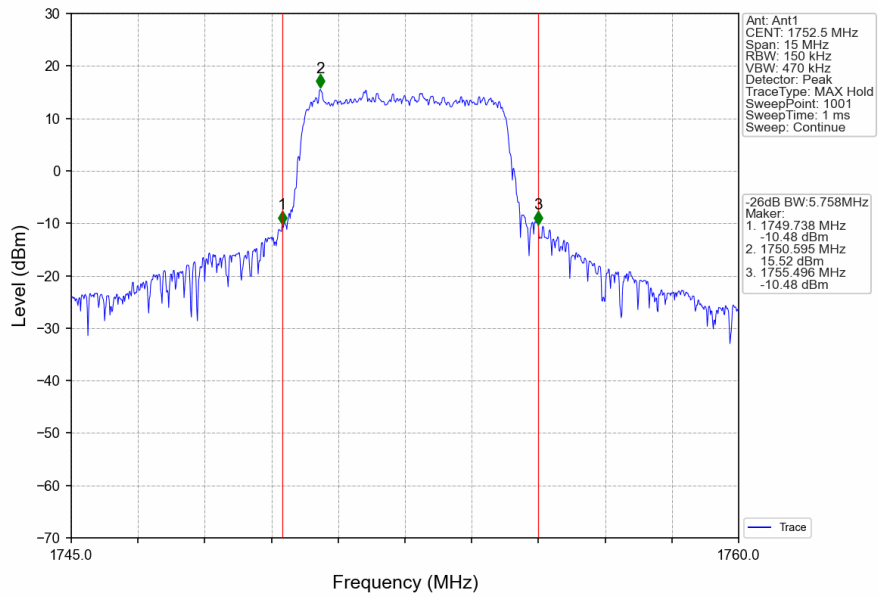
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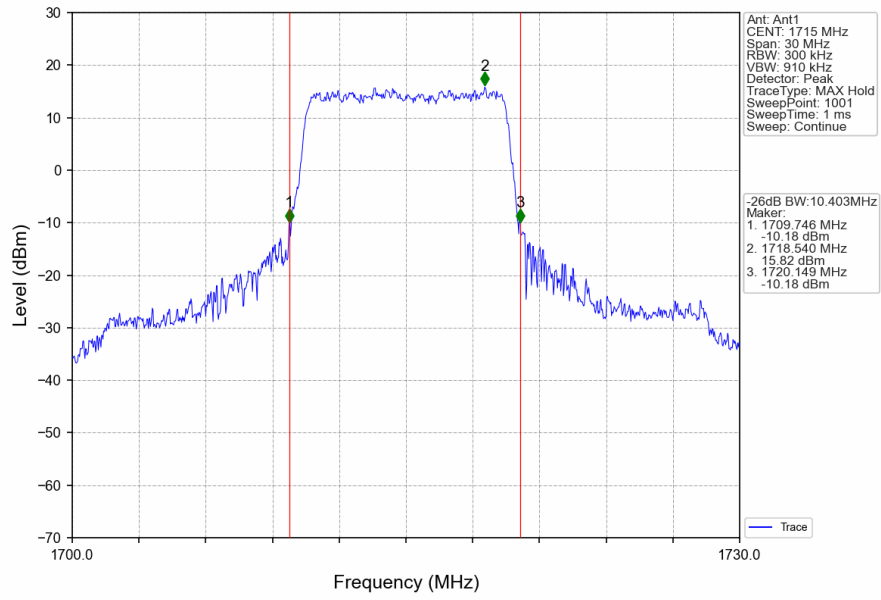
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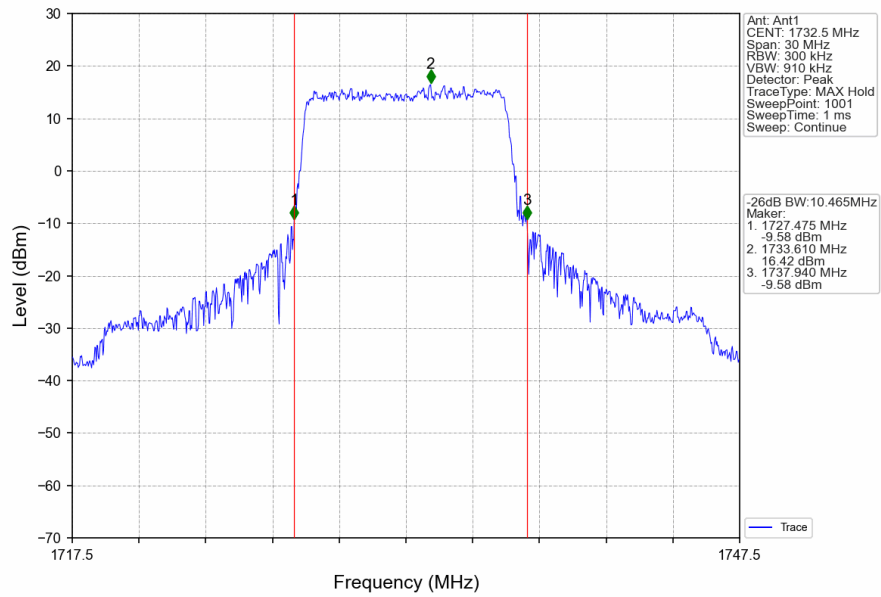
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



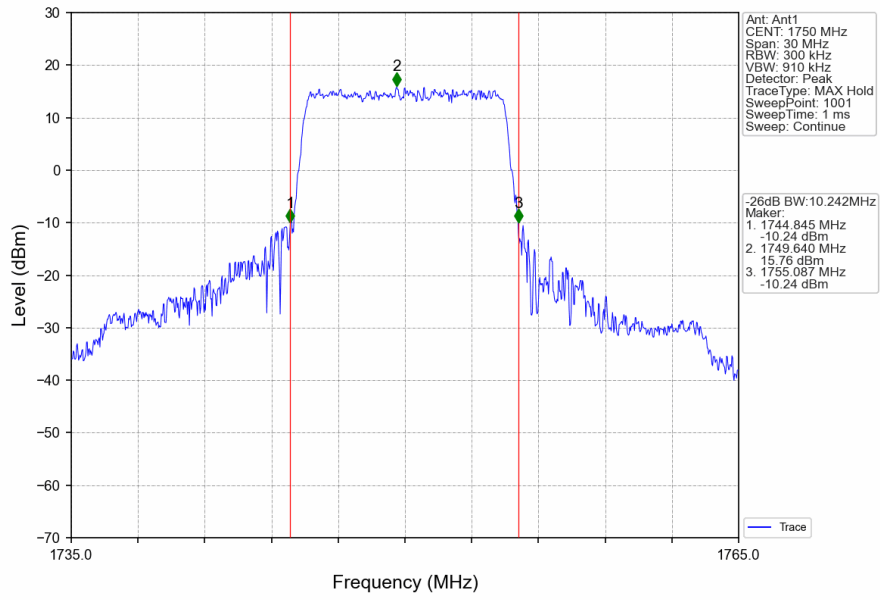
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



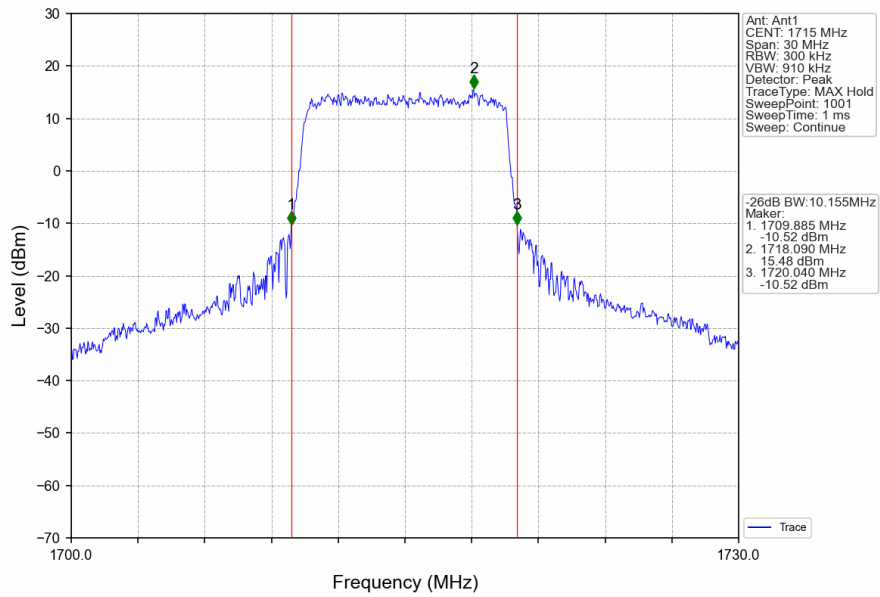
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



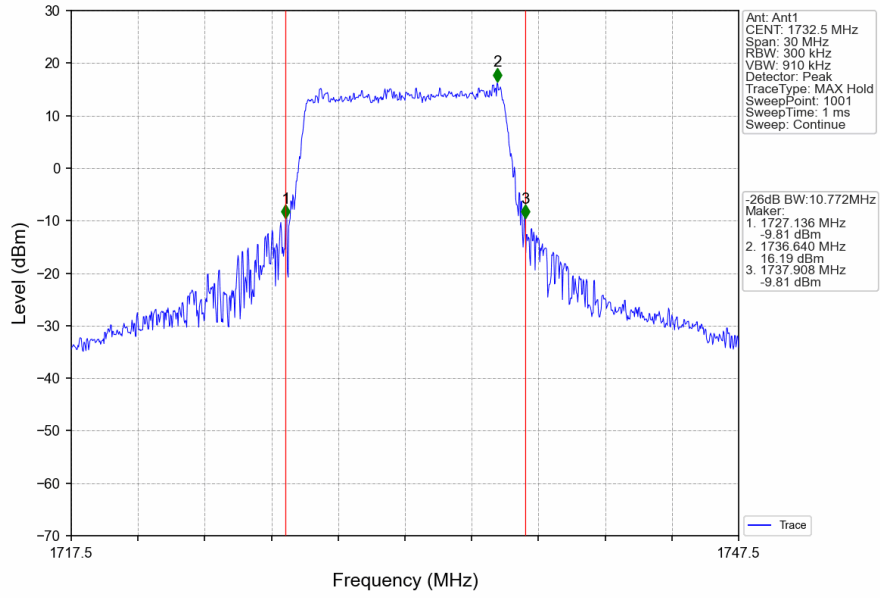
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



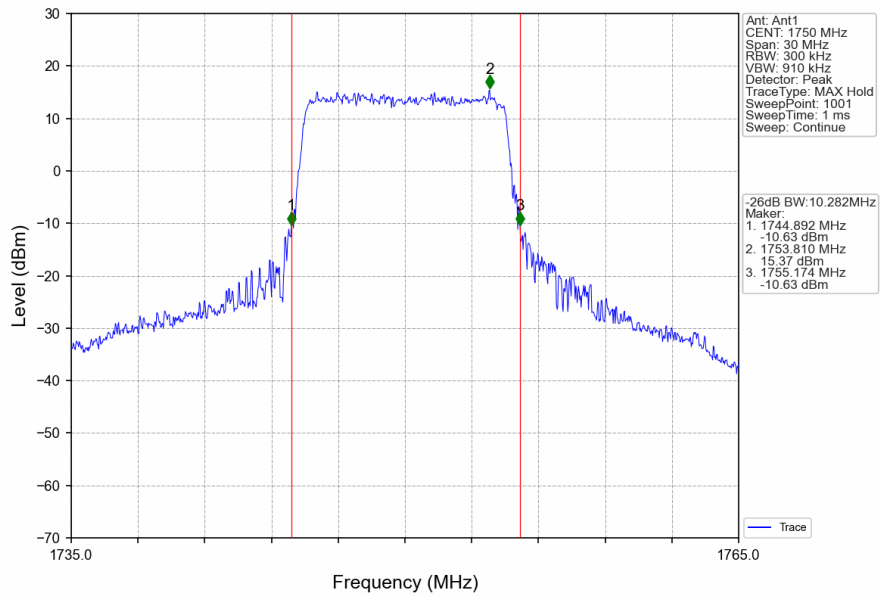
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



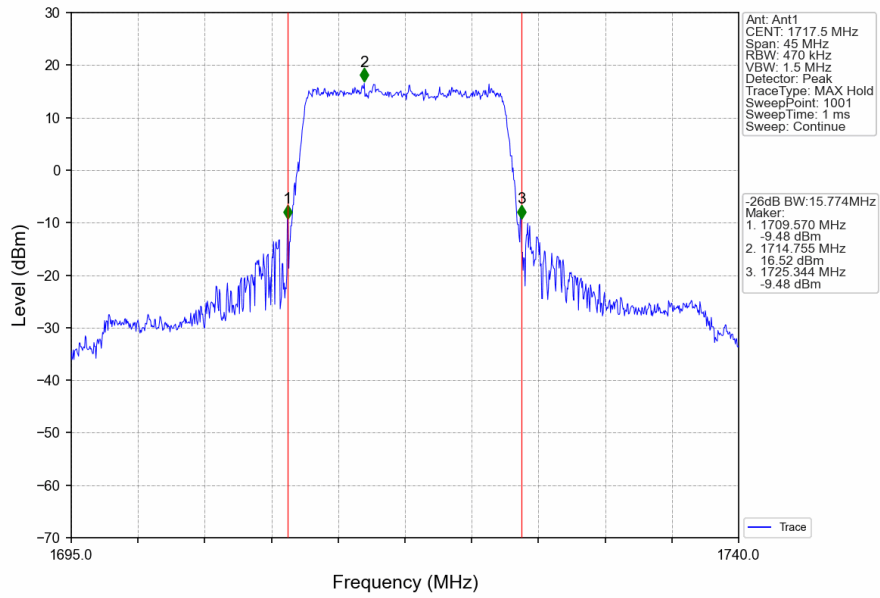
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



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

