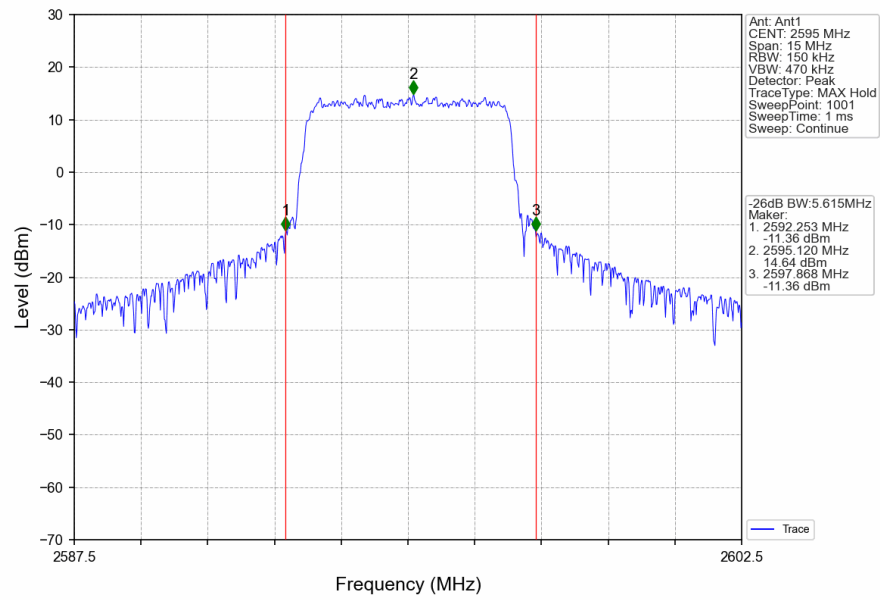
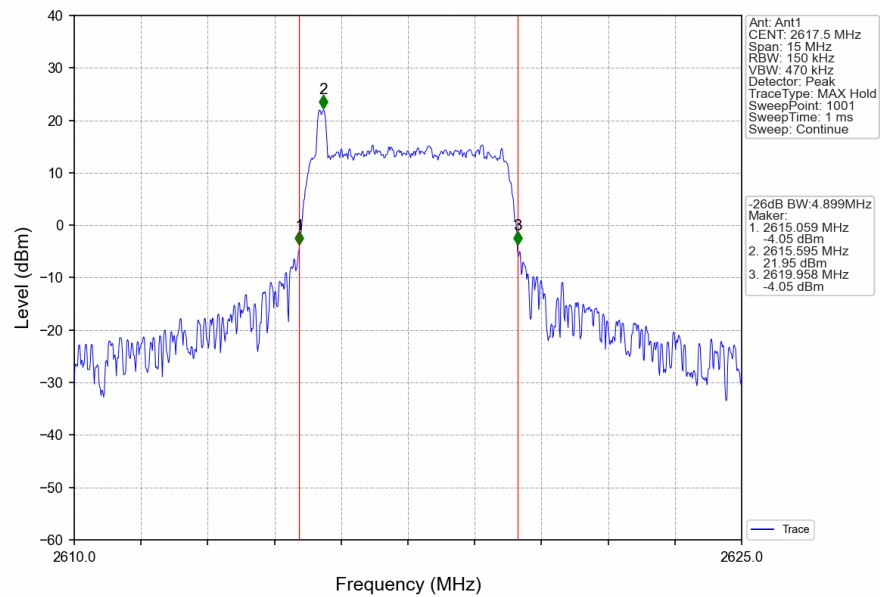


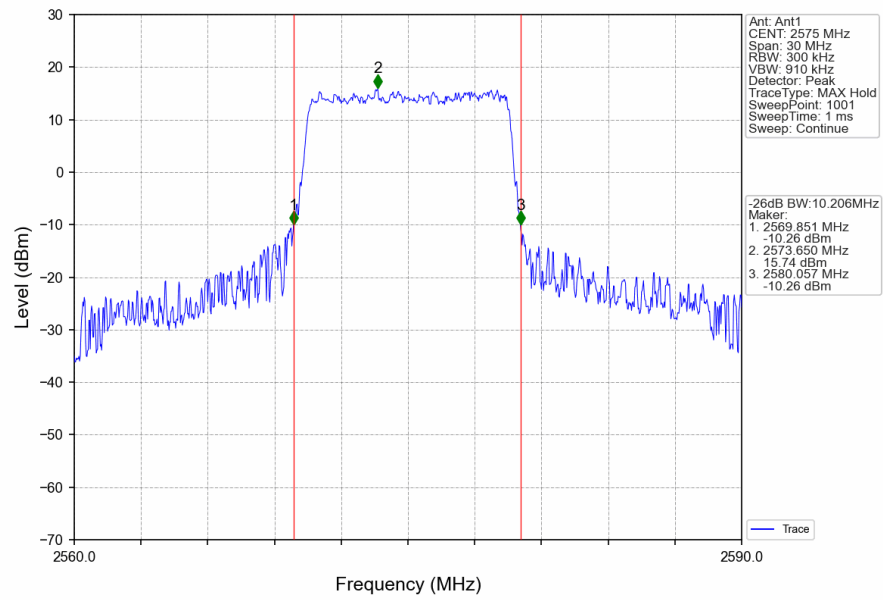
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



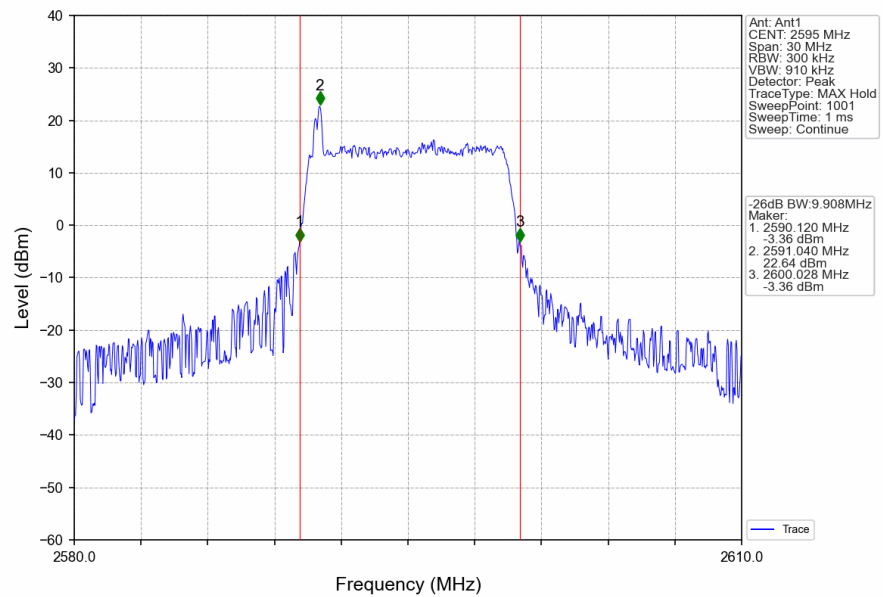
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



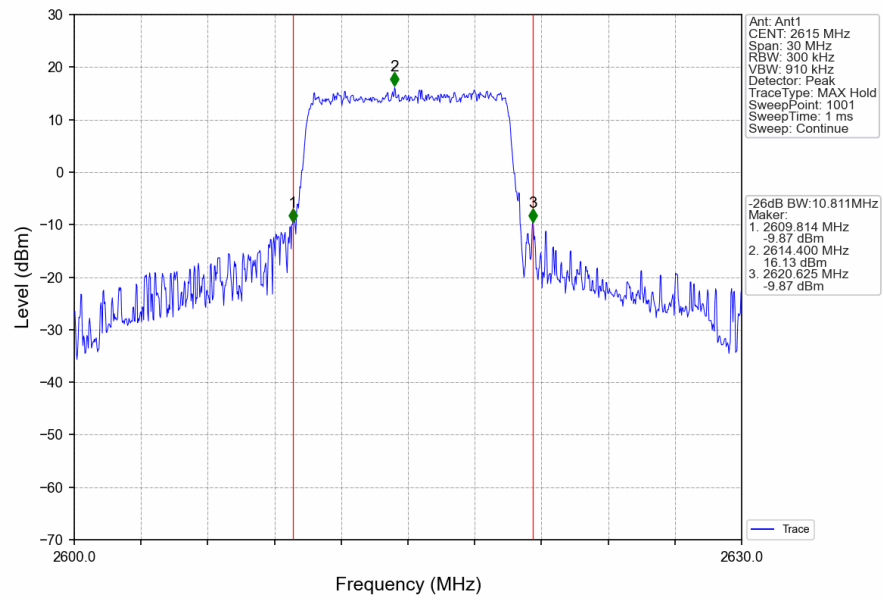
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



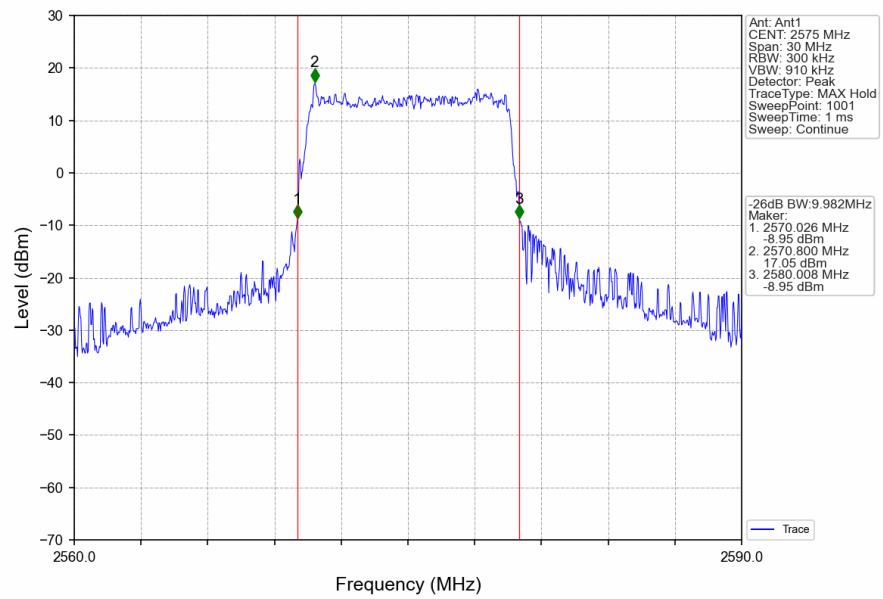
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



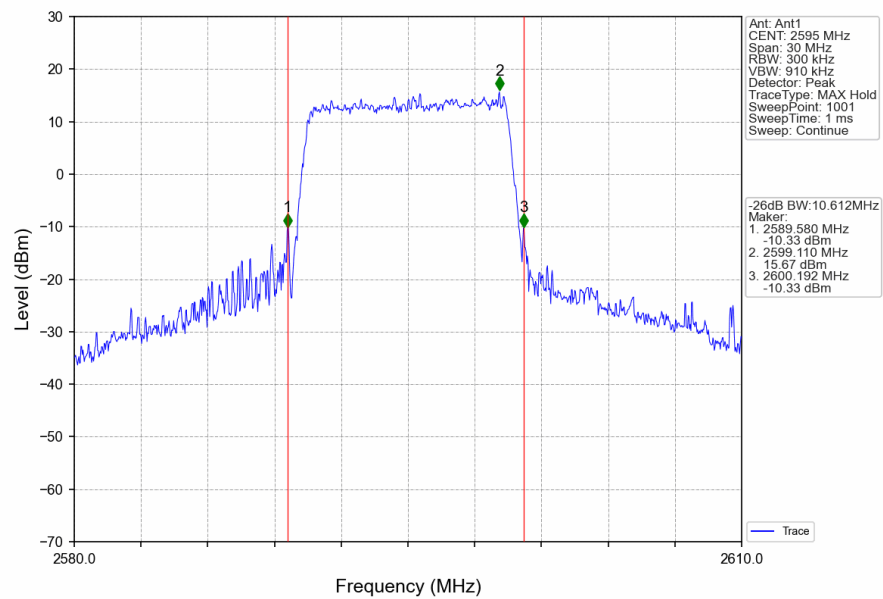
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



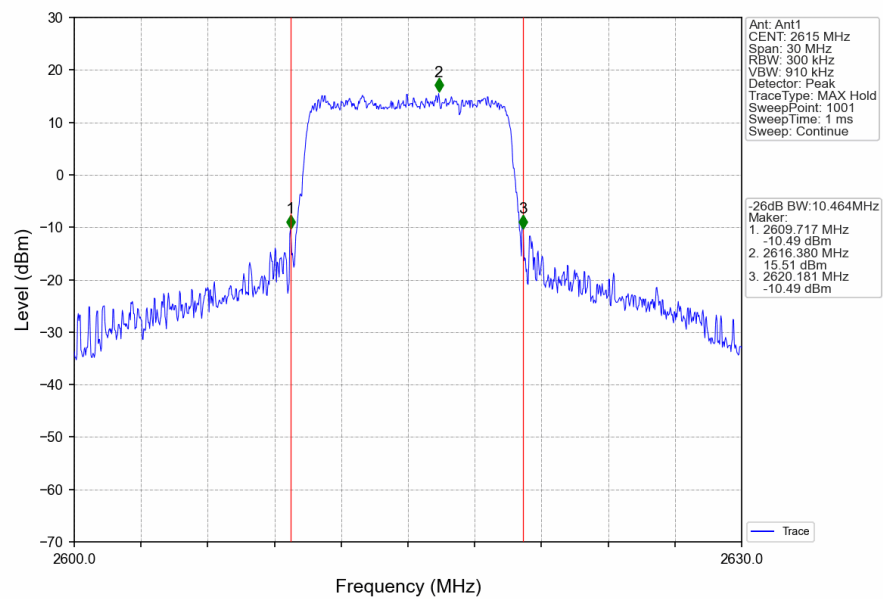
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



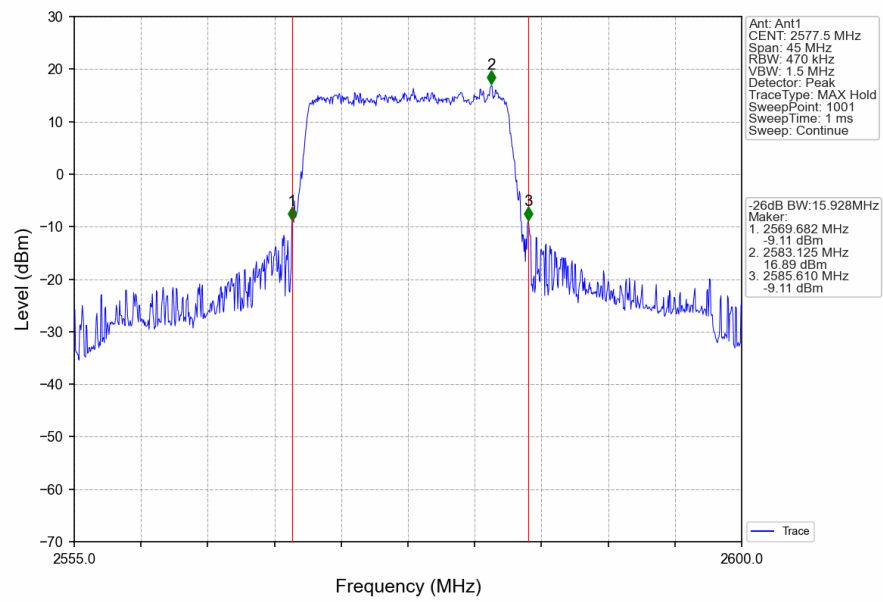
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



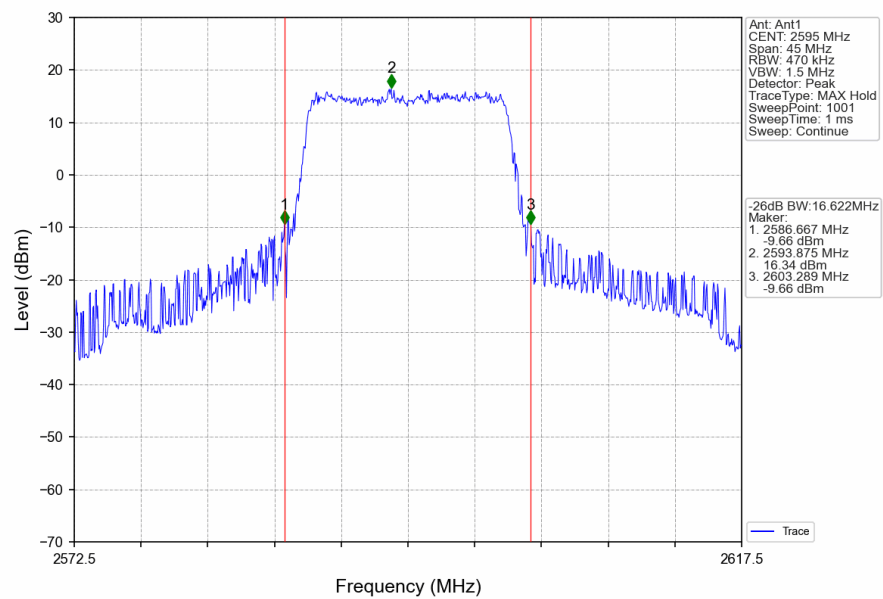
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



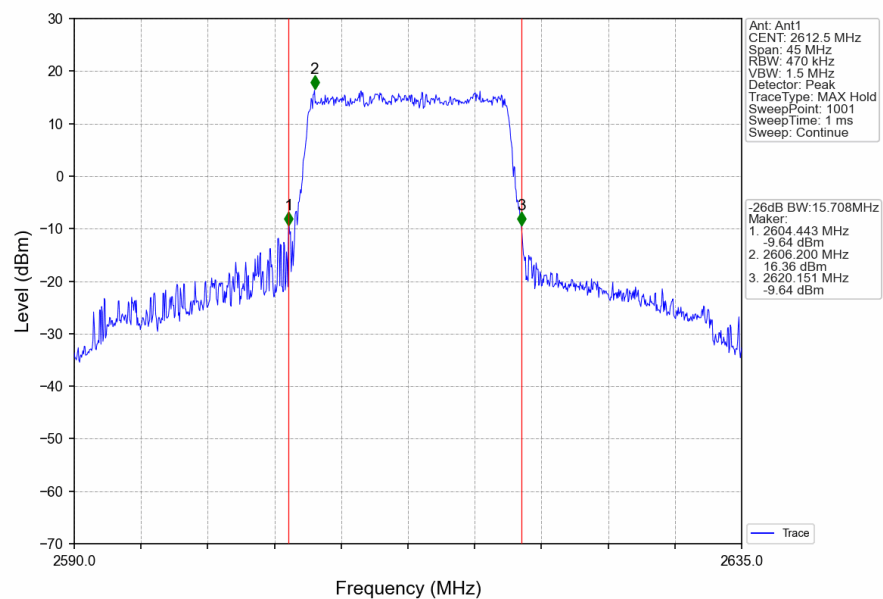
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



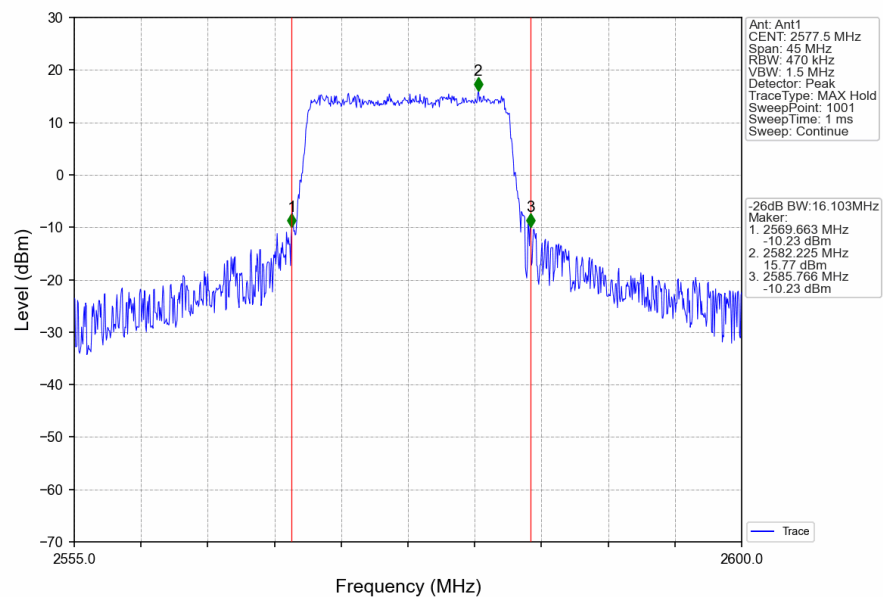
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



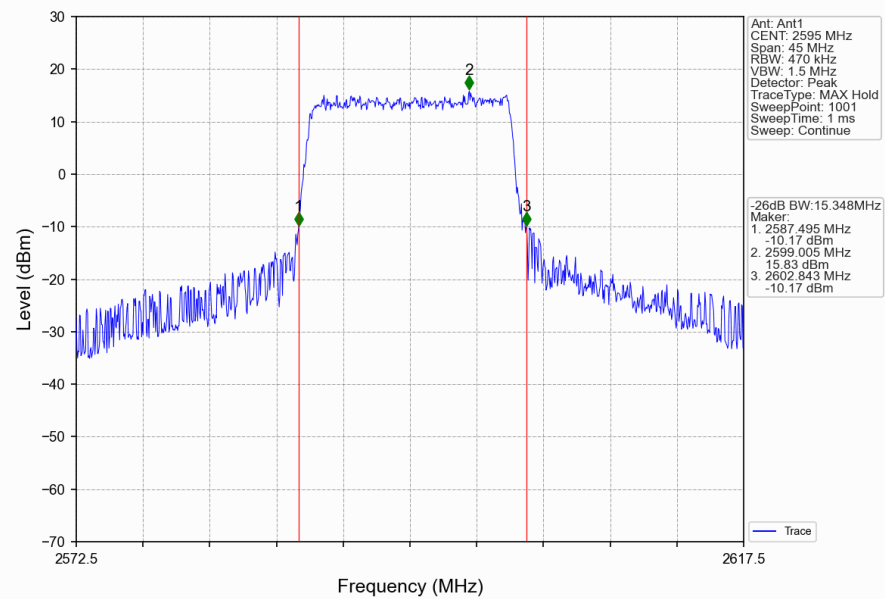
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



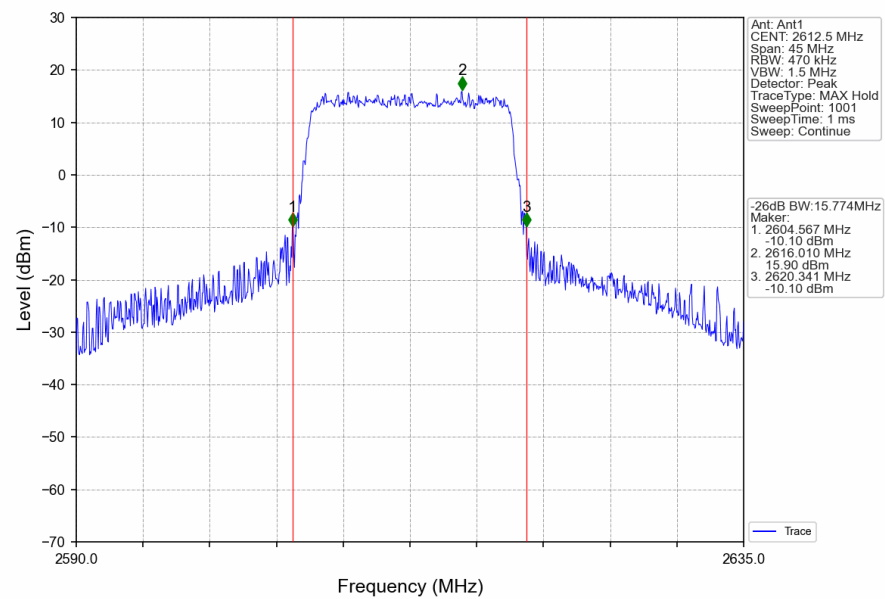
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



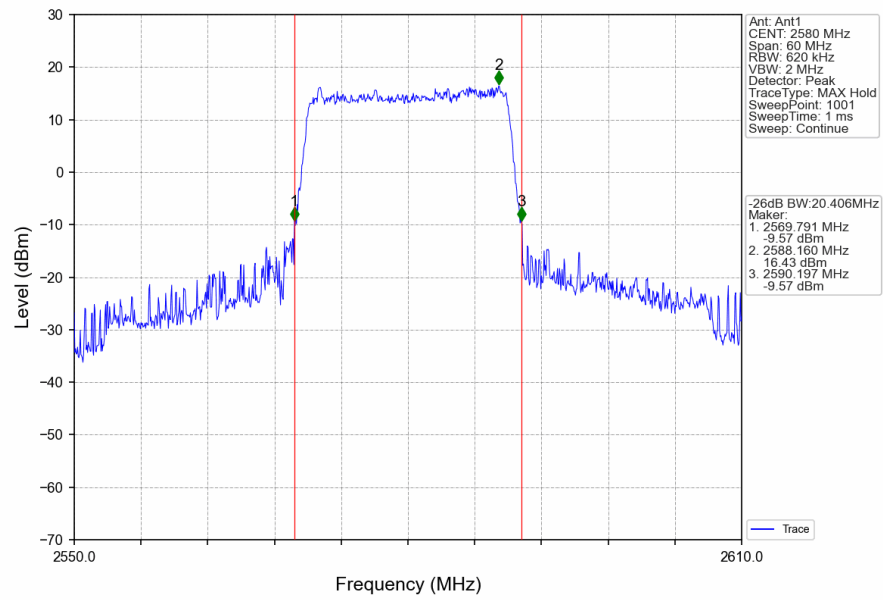
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



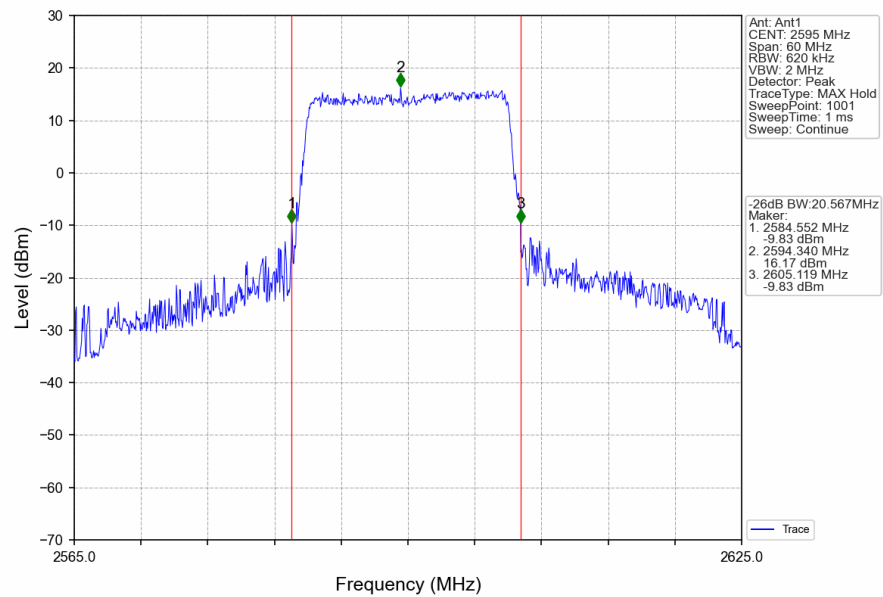
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



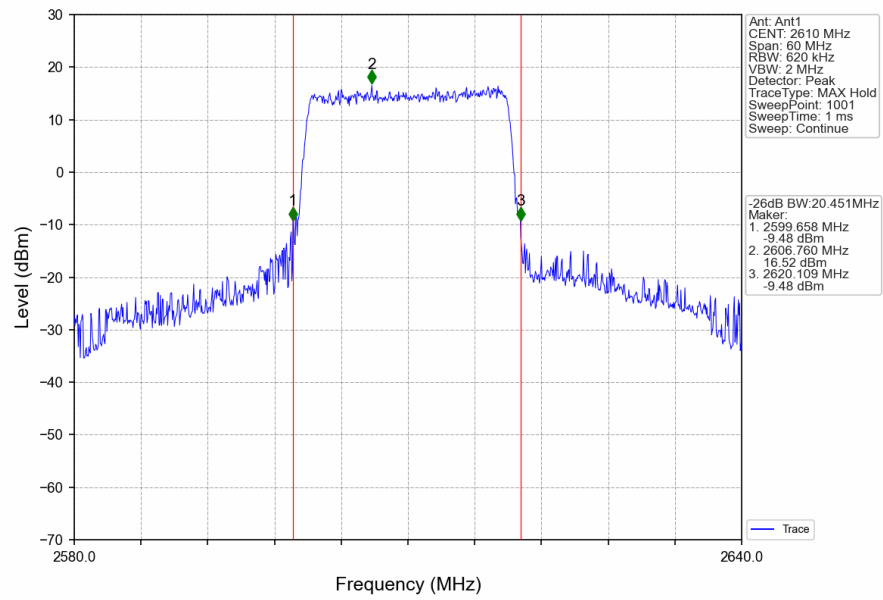
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



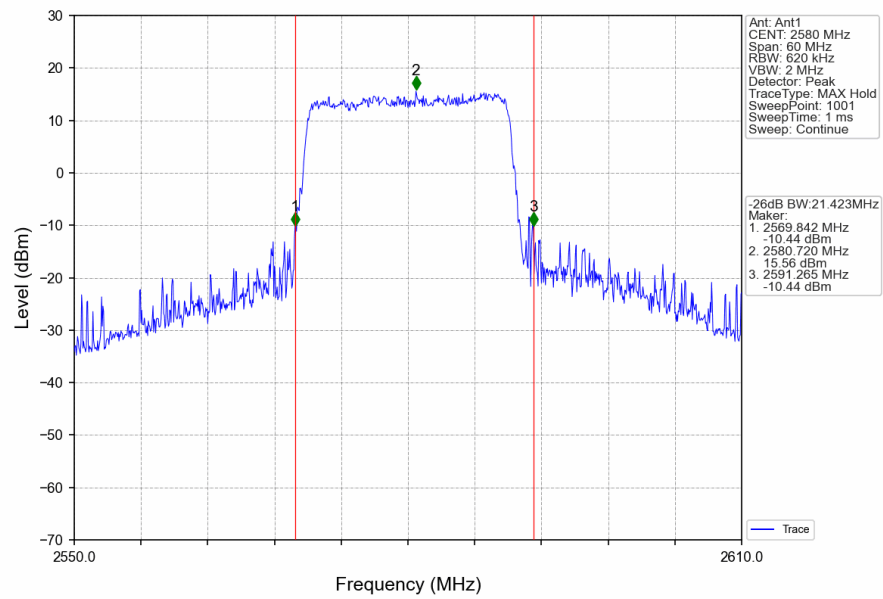
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



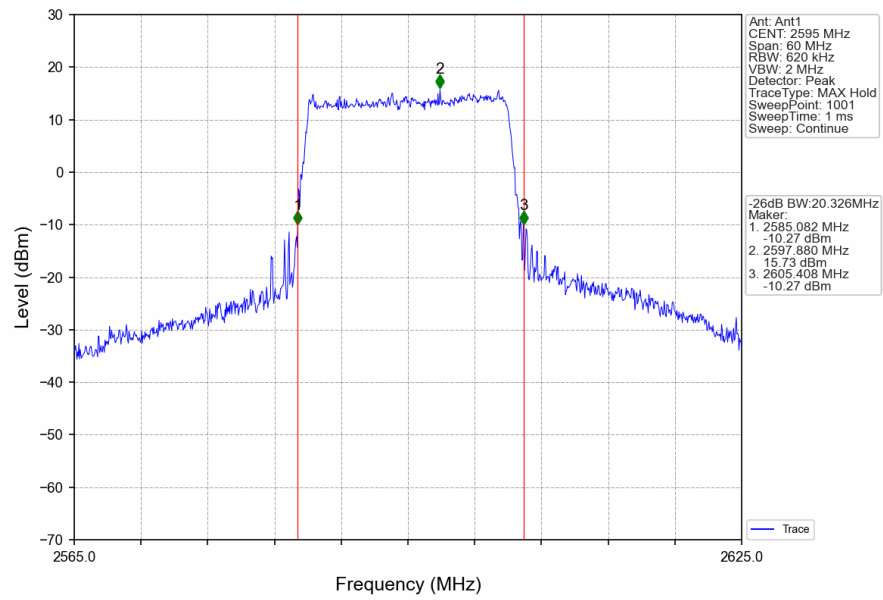
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



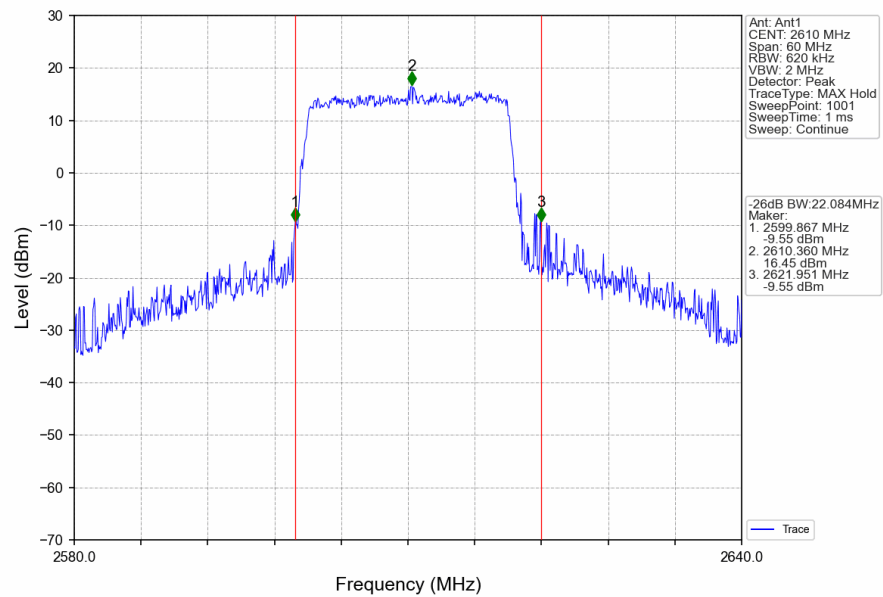
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



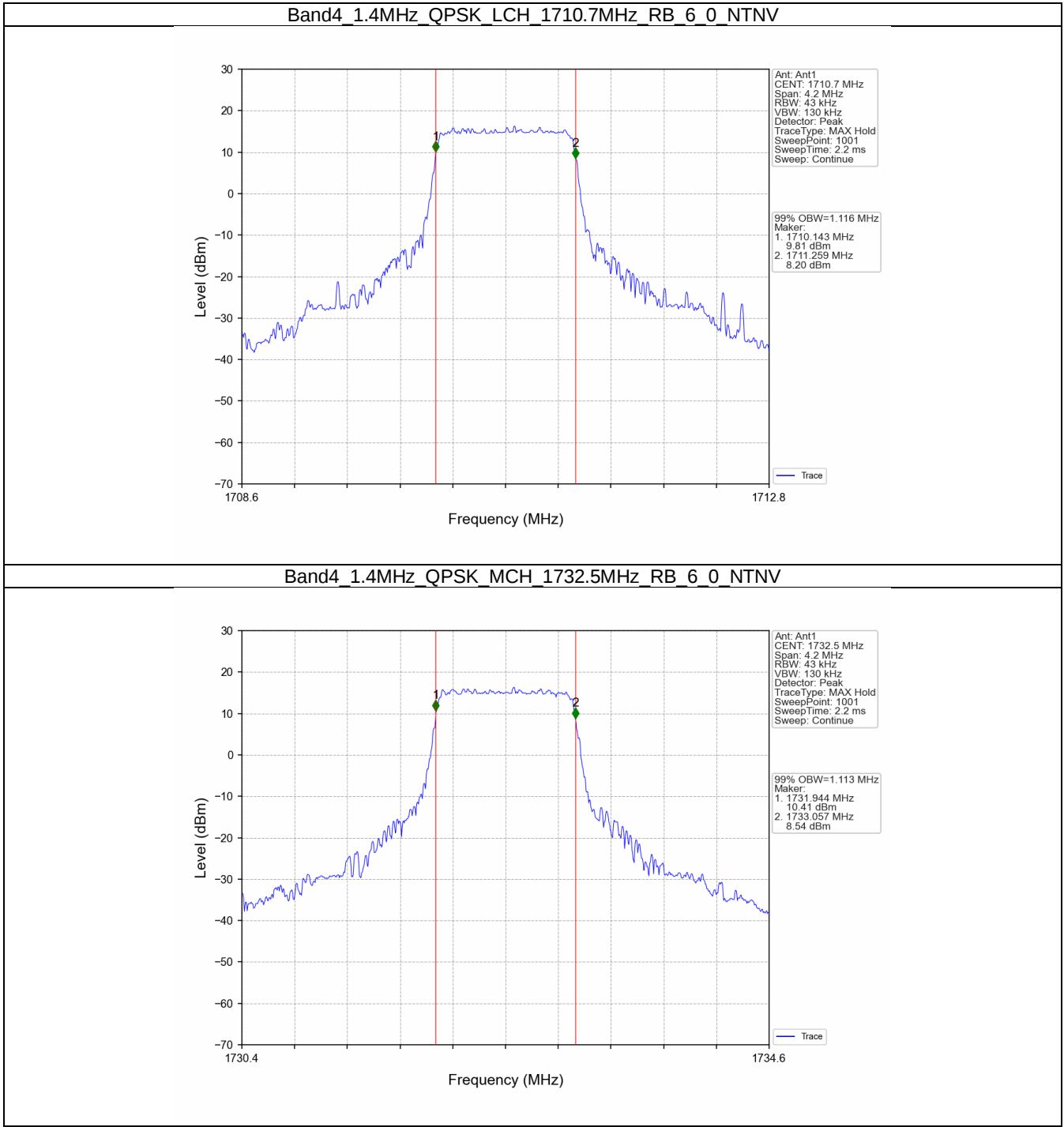
3. 99% & 26dB Bandwidth

3.1 Band4_OBW

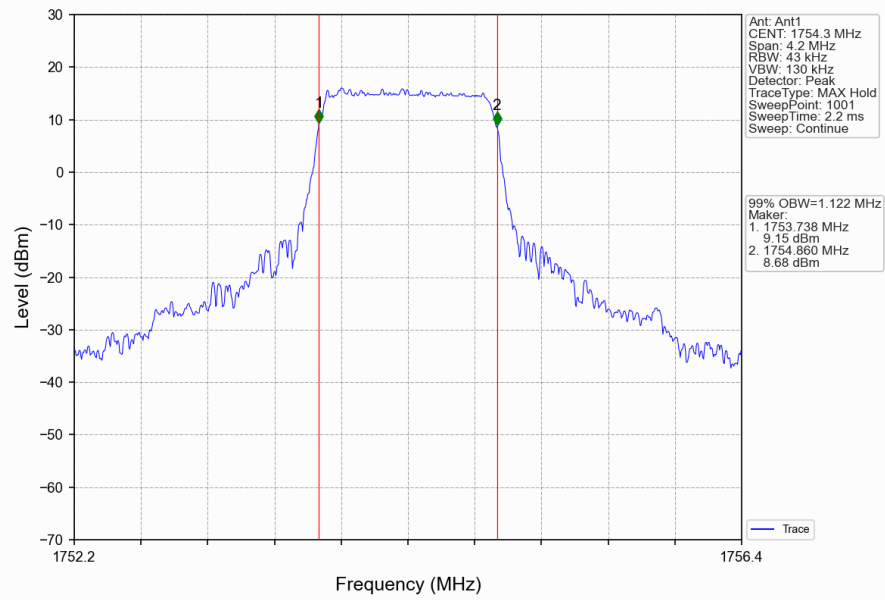
3.1.1 Test Result

Band: 4 / NTNV						
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	1.110	Pass
		1732.5	6	0	1.110	Pass
		1754.3	6	0	1.115	Pass
3	QPSK	1711.5	15	0	2.752	Pass
		1732.5	15	0	2.763	Pass
		1753.5	15	0	2.759	Pass
	16QAM	1711.5	15	0	2.751	Pass
		1732.5	15	0	2.771	Pass
		1753.5	15	0	2.750	Pass
5	QPSK	1712.5	25	0	4.575	Pass
		1732.5	25	0	4.575	Pass
		1752.5	25	0	4.596	Pass
	16QAM	1712.5	25	0	4.605	Pass
		1732.5	25	0	4.618	Pass
		1752.5	25	0	4.574	Pass
10	QPSK	1715	50	0	9.068	Pass
		1732.5	50	0	9.079	Pass
		1750	50	0	9.066	Pass
	16QAM	1715	50	0	9.071	Pass
		1732.5	50	0	9.118	Pass
		1750	50	0	9.074	Pass
15	QPSK	1717.5	75	0	13.614	Pass
		1732.5	75	0	13.643	Pass
		1747.5	75	0	13.544	Pass
	16QAM	1717.5	75	0	13.598	Pass
		1732.5	75	0	13.655	Pass
		1747.5	75	0	13.580	Pass
20	QPSK	1720	100	0	18.101	Pass
		1732.5	100	0	18.239	Pass
		1745	100	0	18.080	Pass
	16QAM	1720	100	0	18.176	Pass
		1732.5	100	0	18.231	Pass
		1745	100	0	18.075	Pass

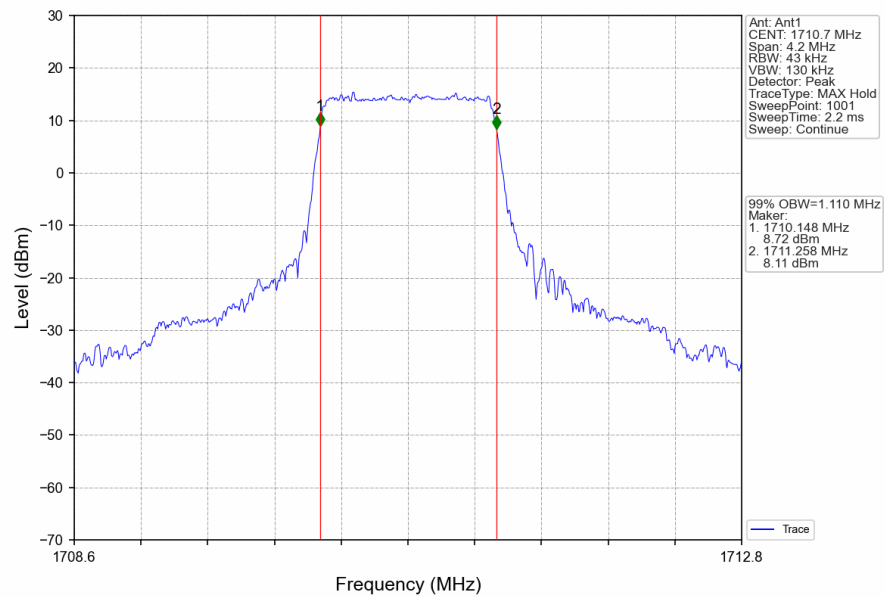
3.1.2 Test Graph



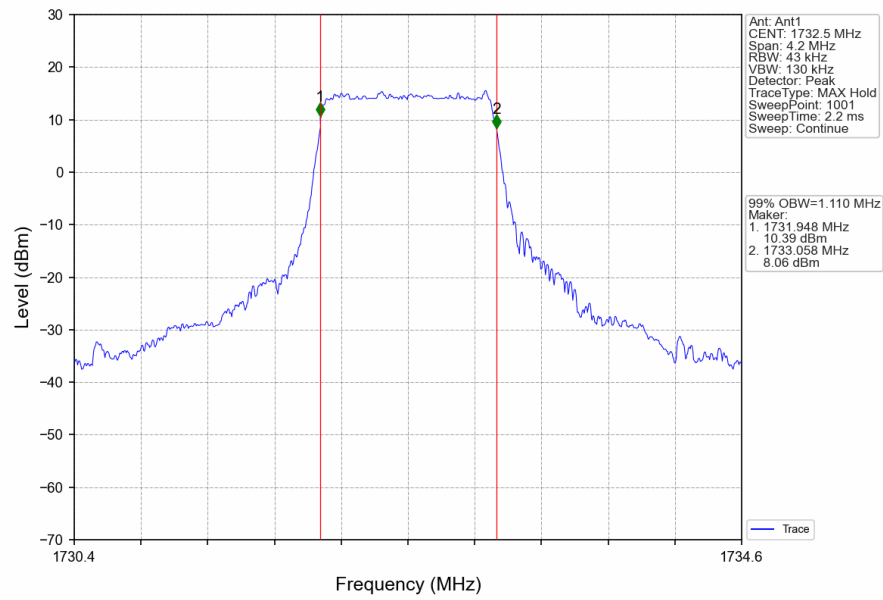
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



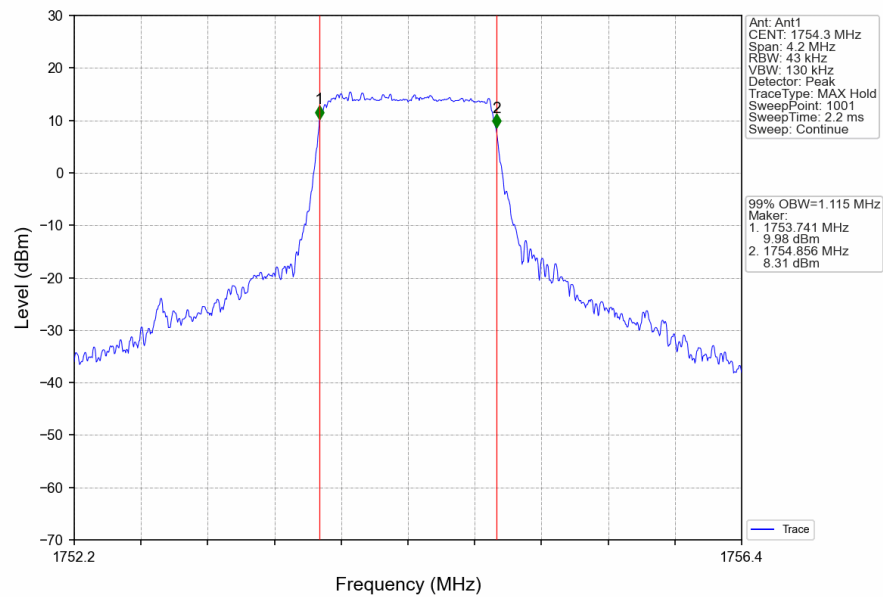
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



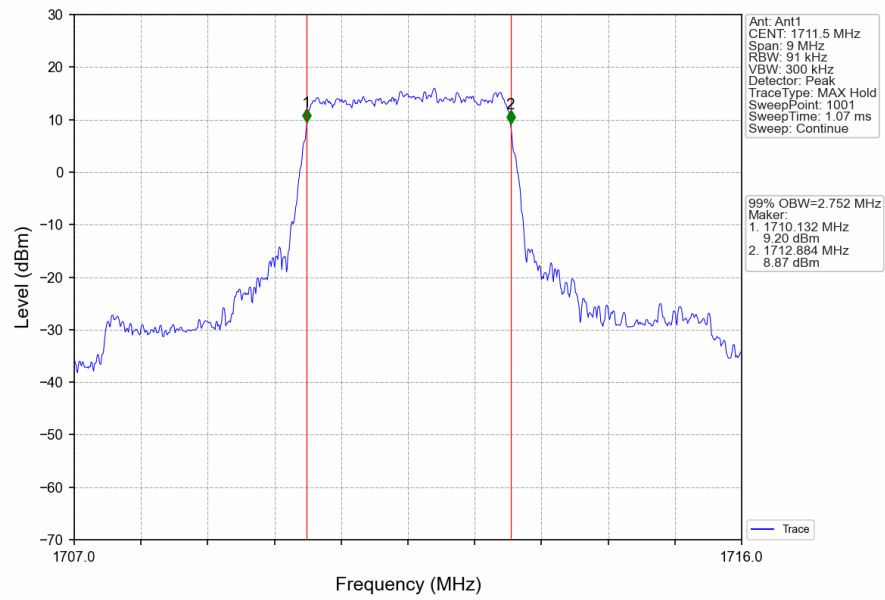
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



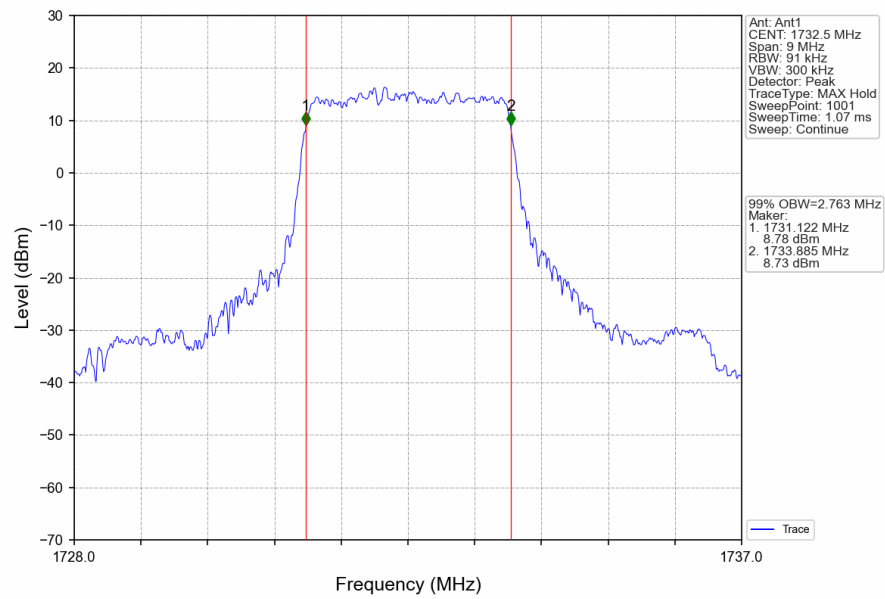
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



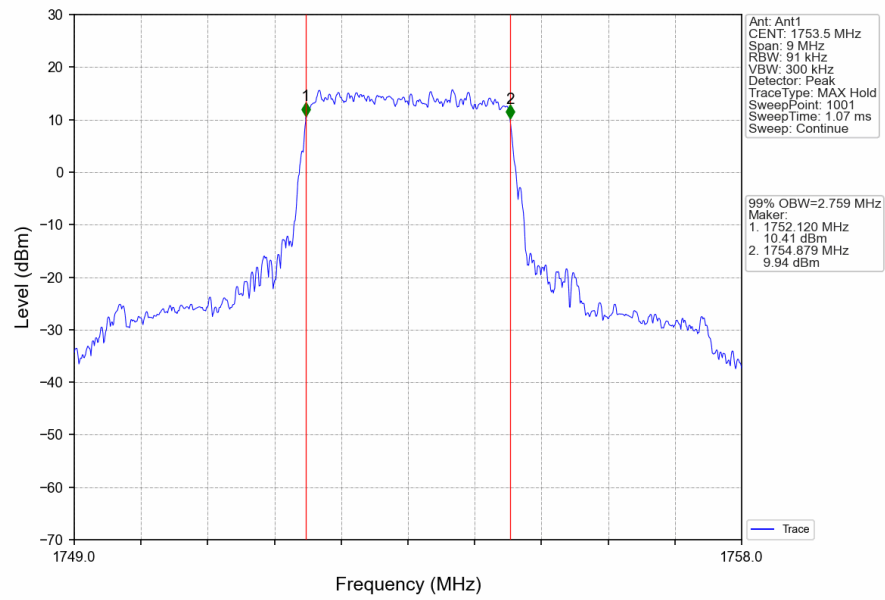
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



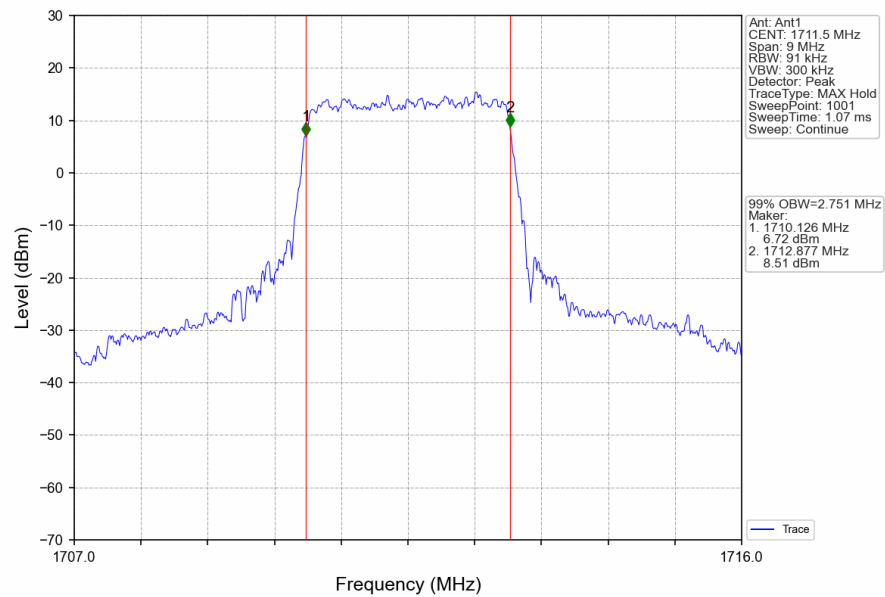
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



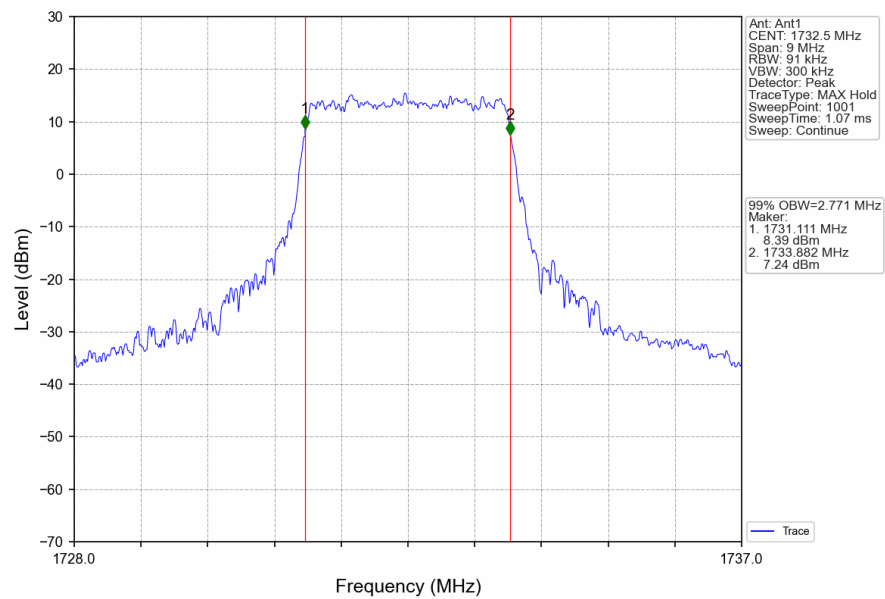
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



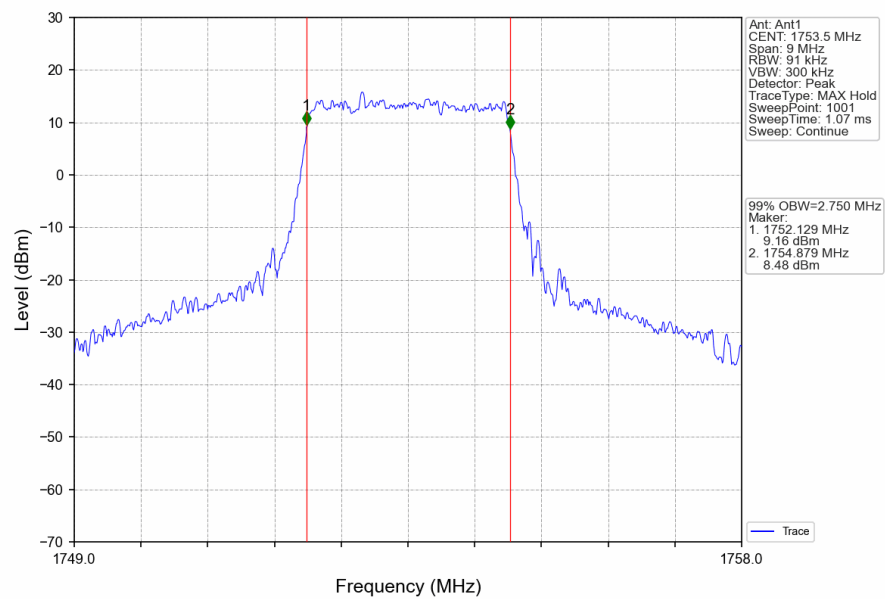
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



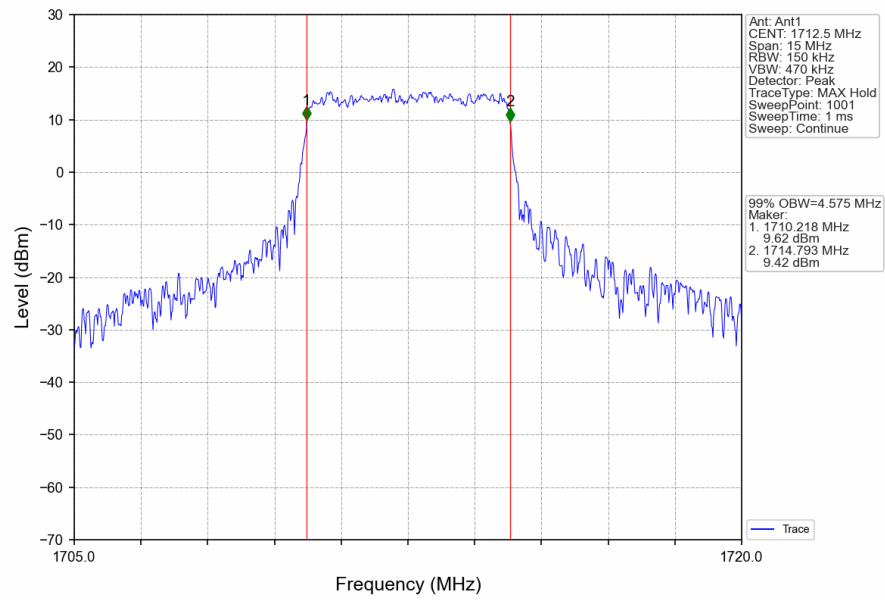
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



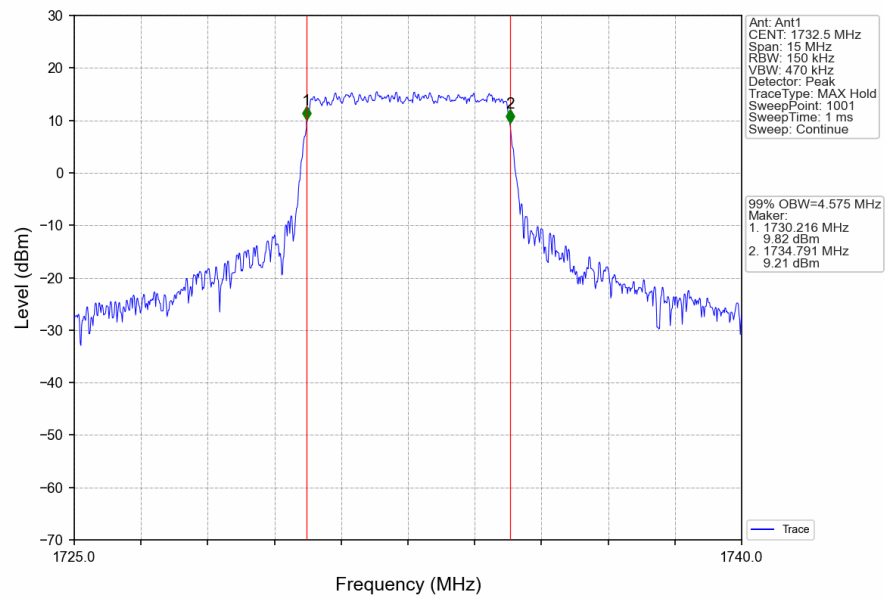
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



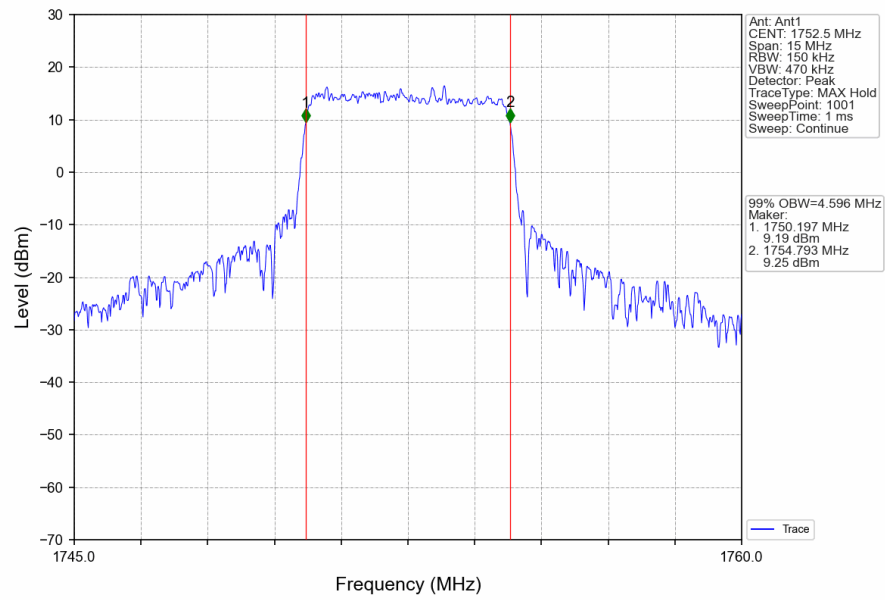
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



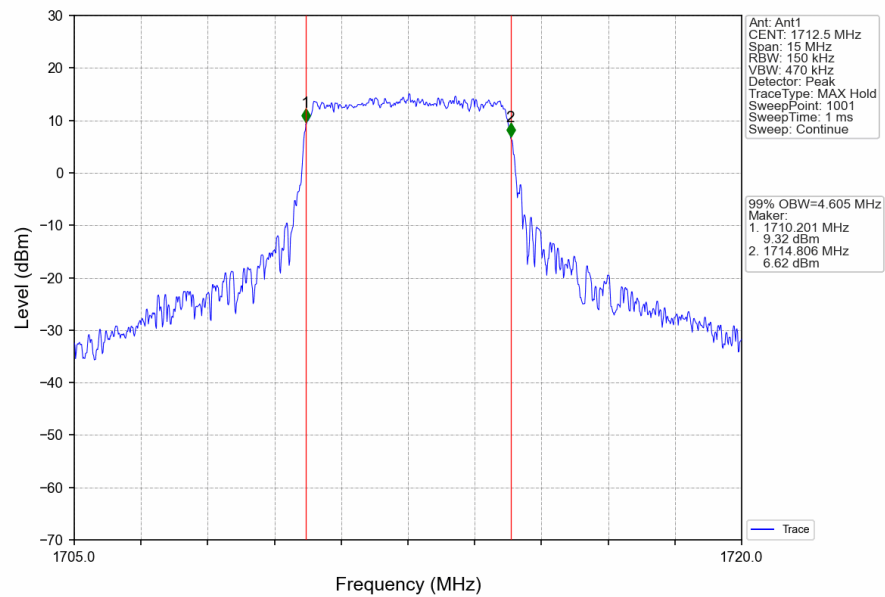
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



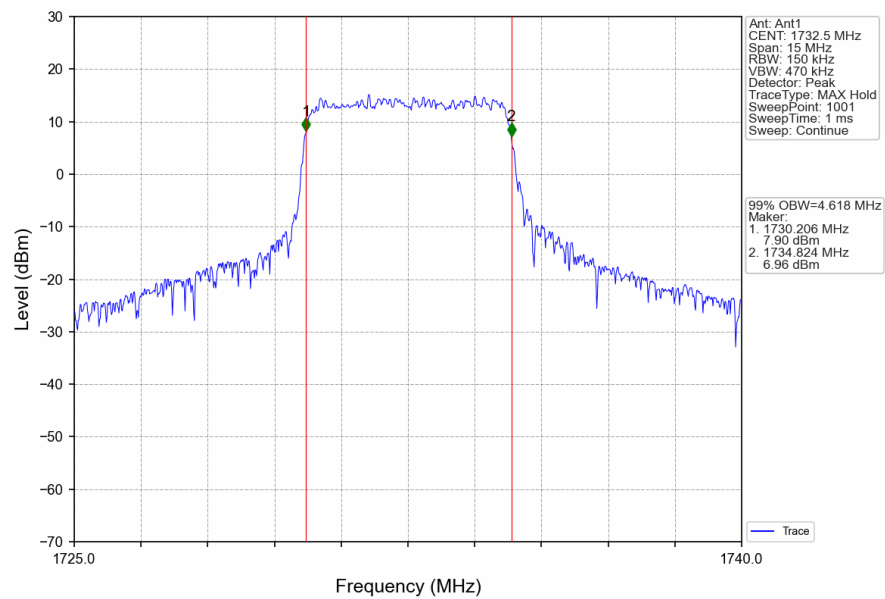
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



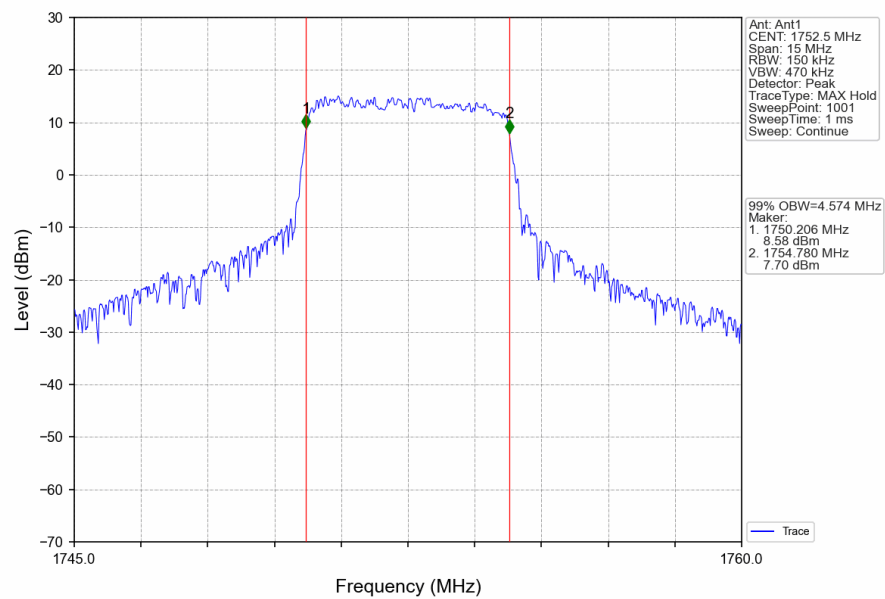
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



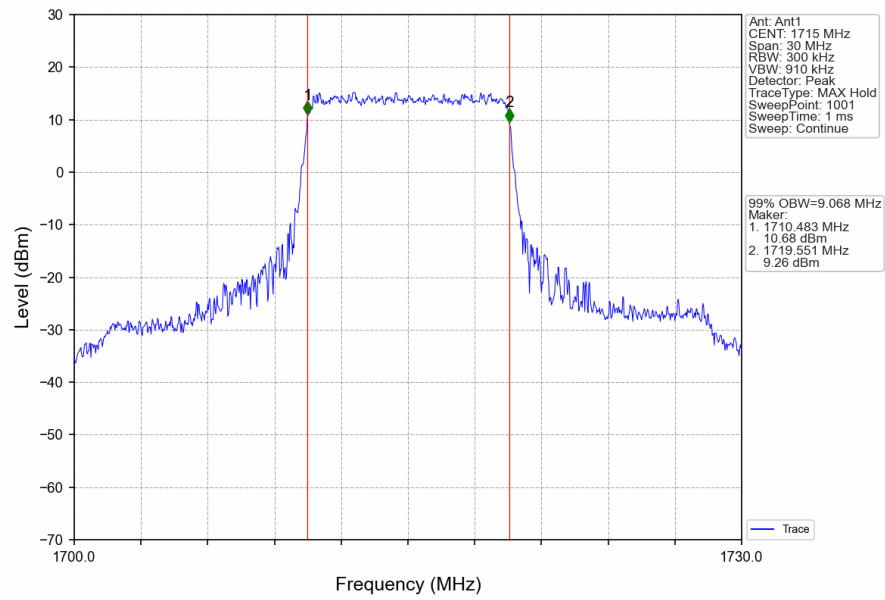
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



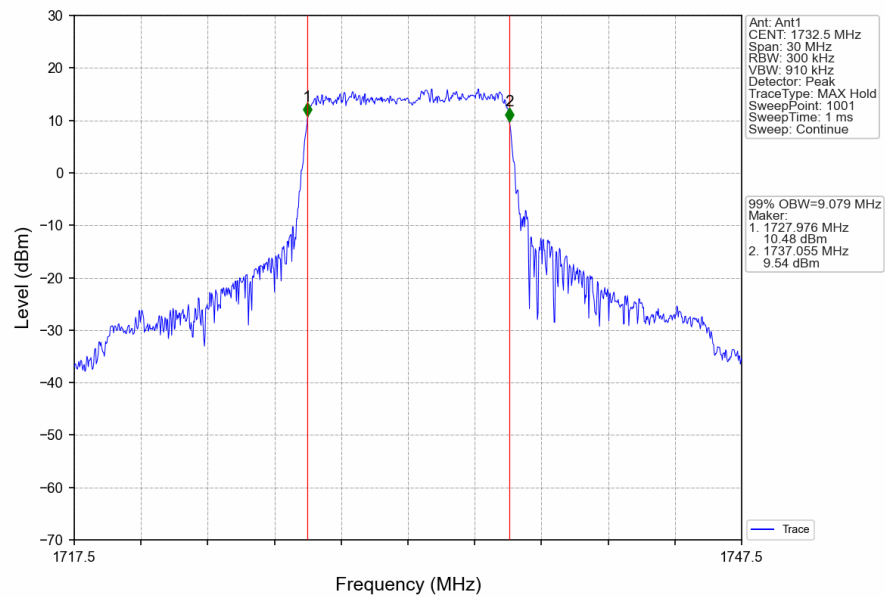
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



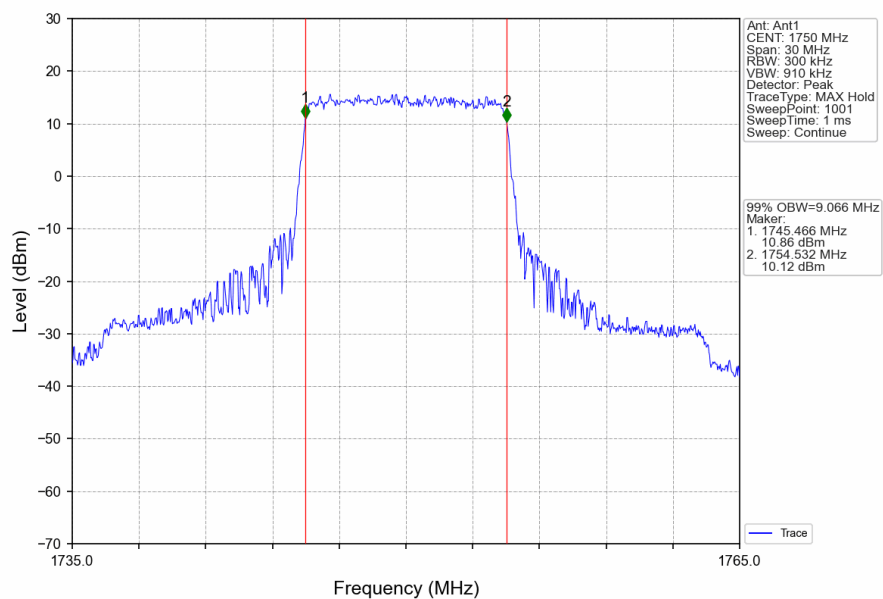
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



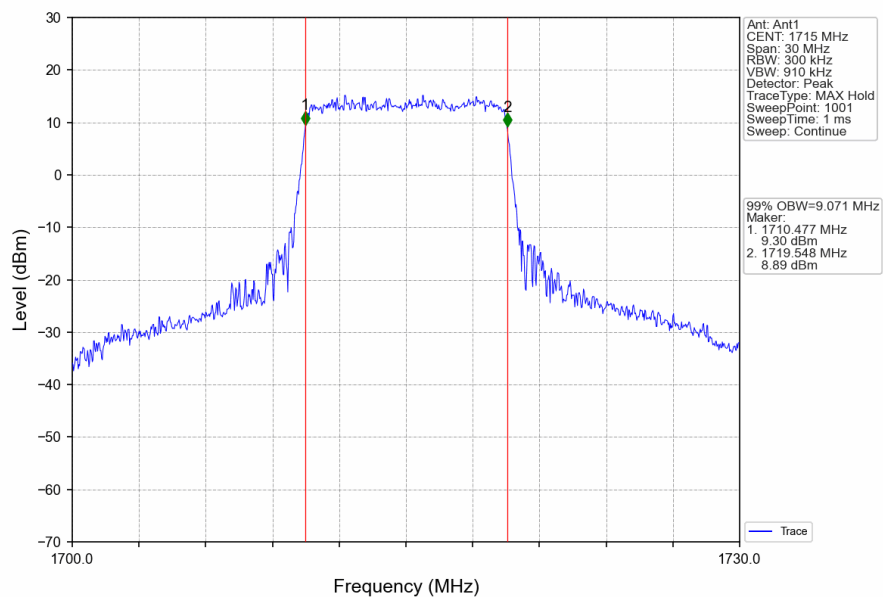
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



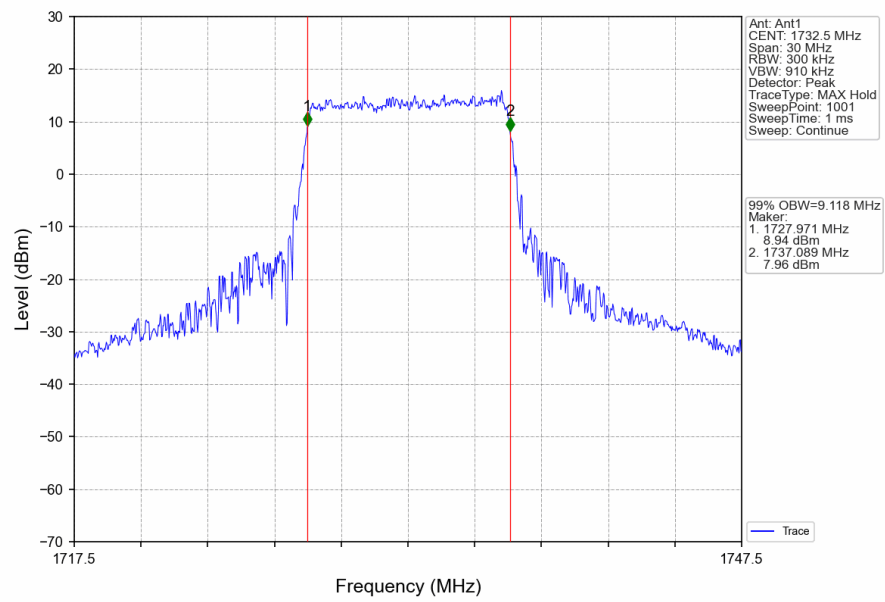
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



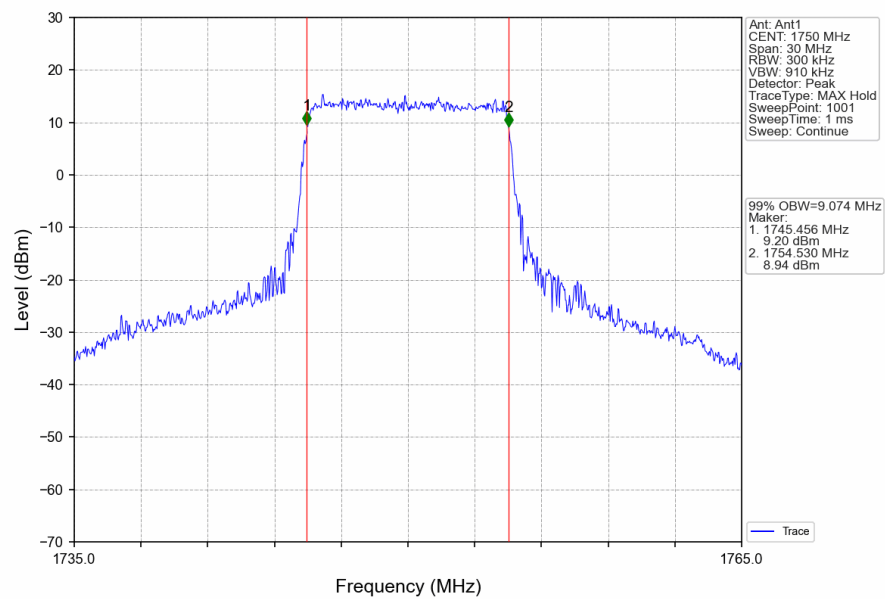
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



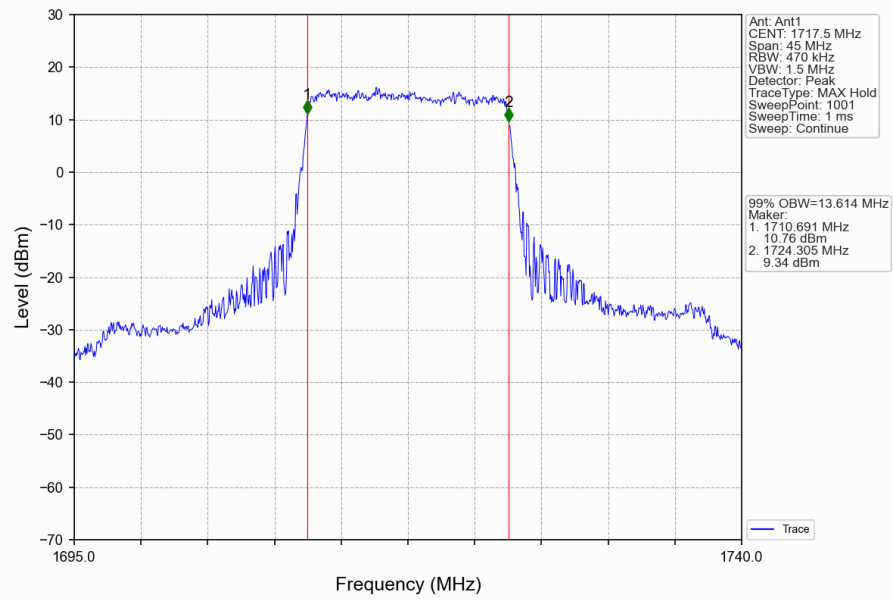
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



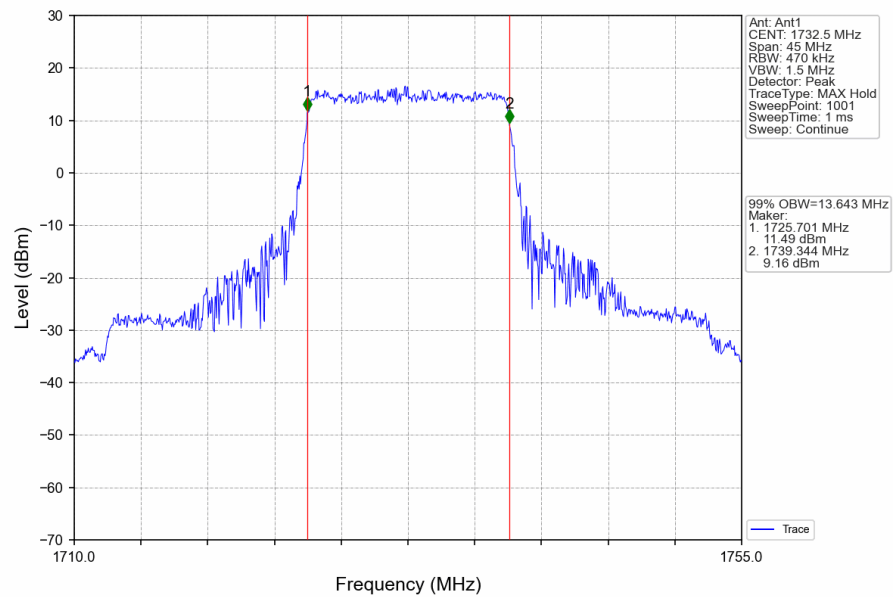
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



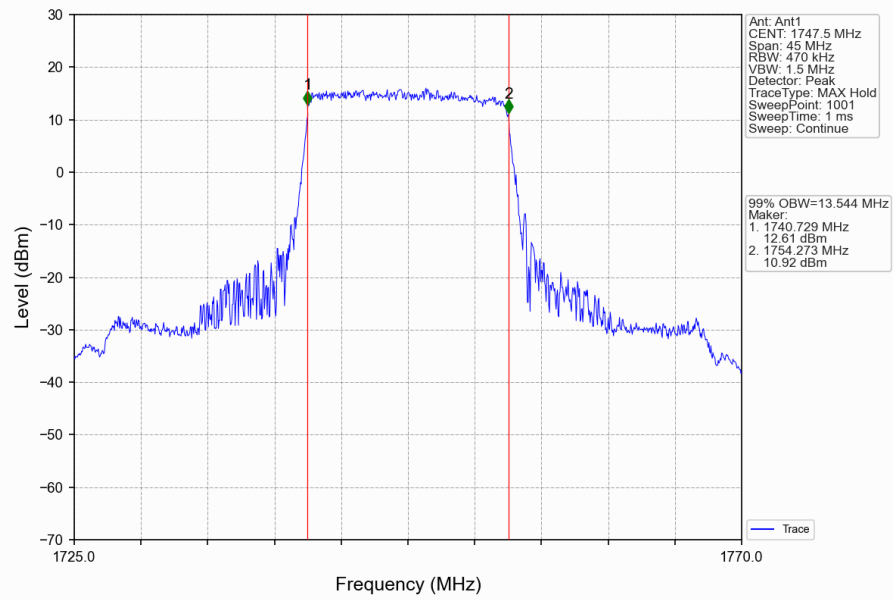
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



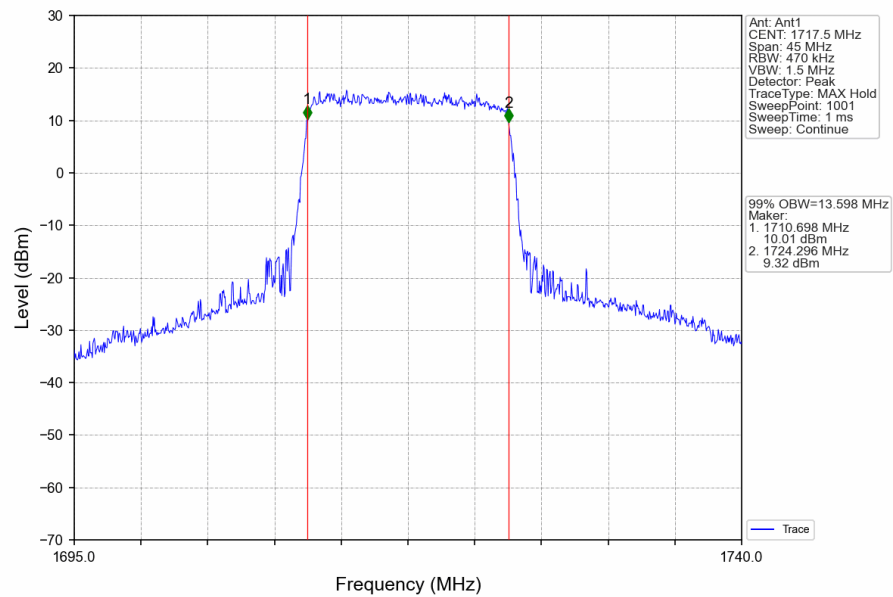
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



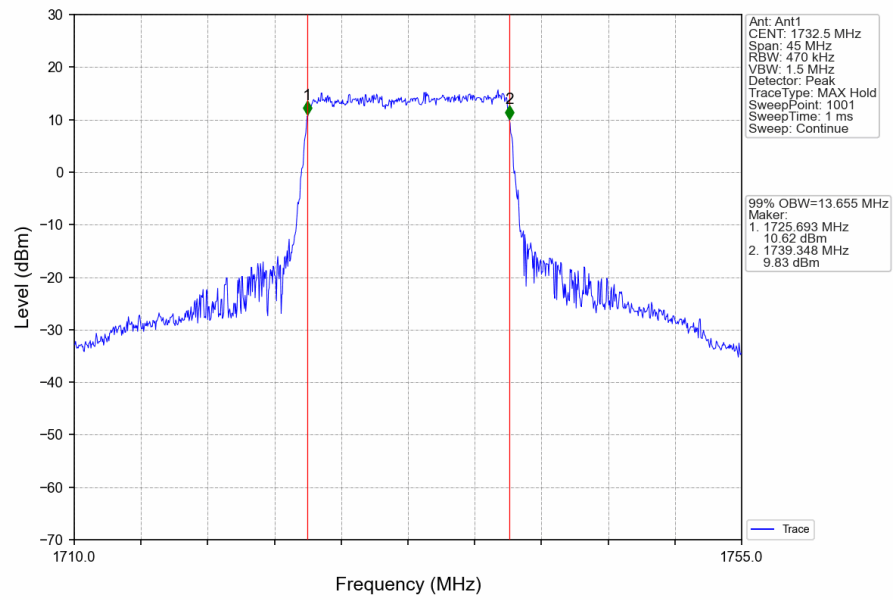
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



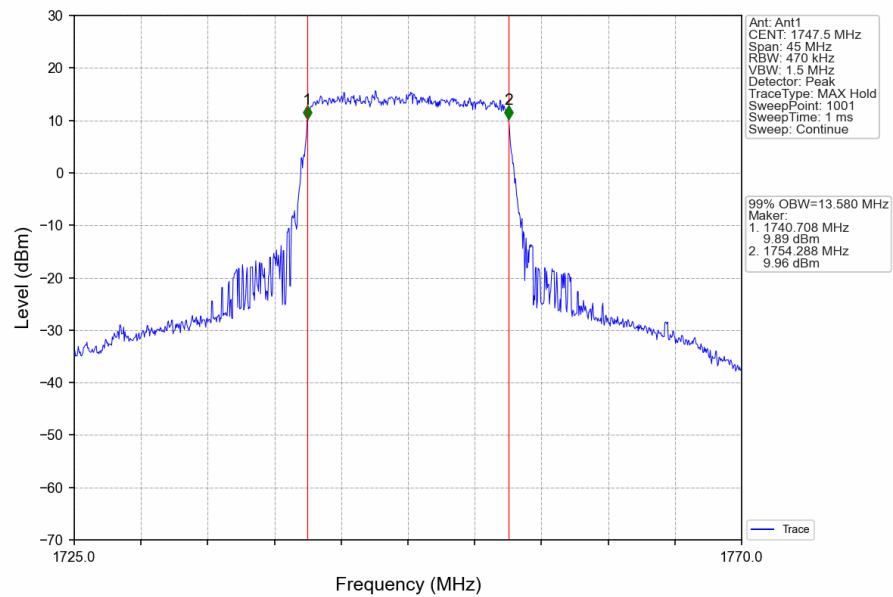
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



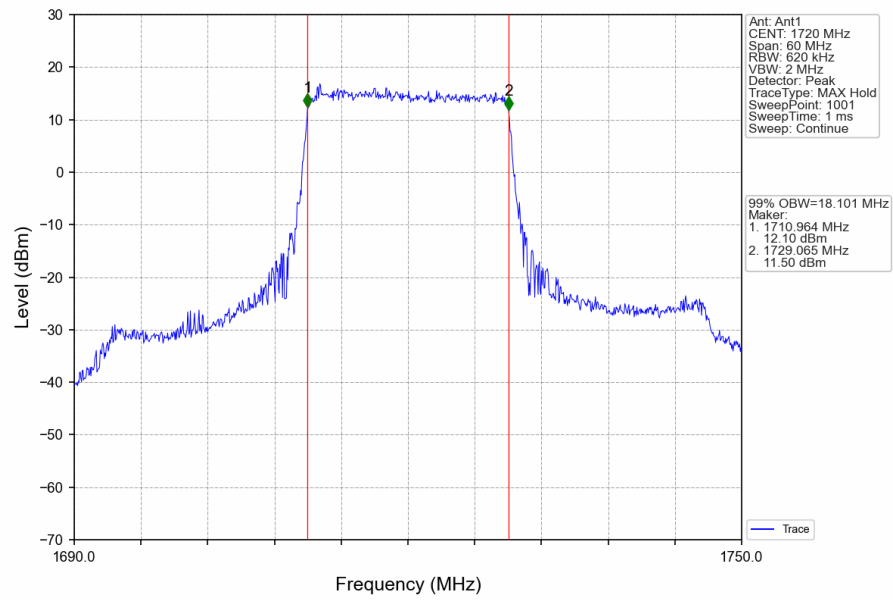
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



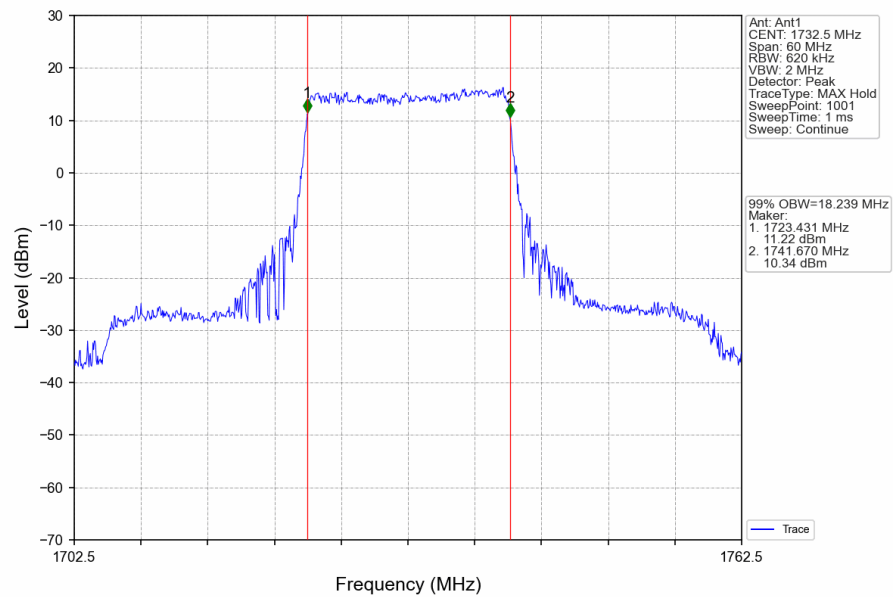
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



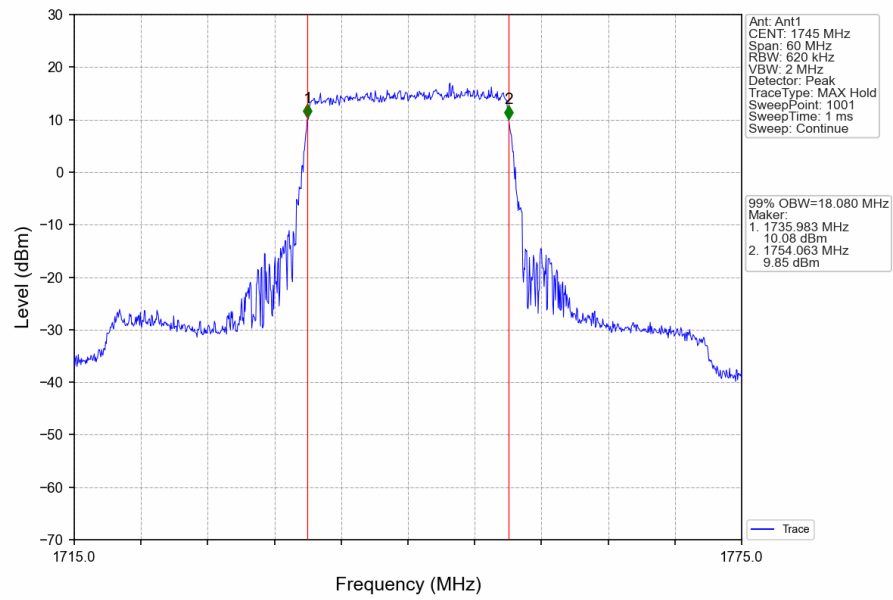
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



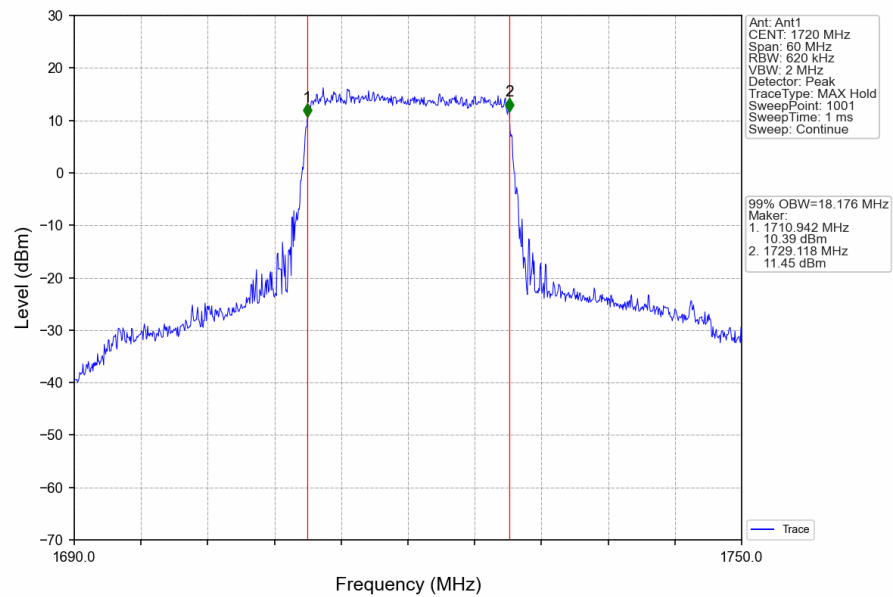
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



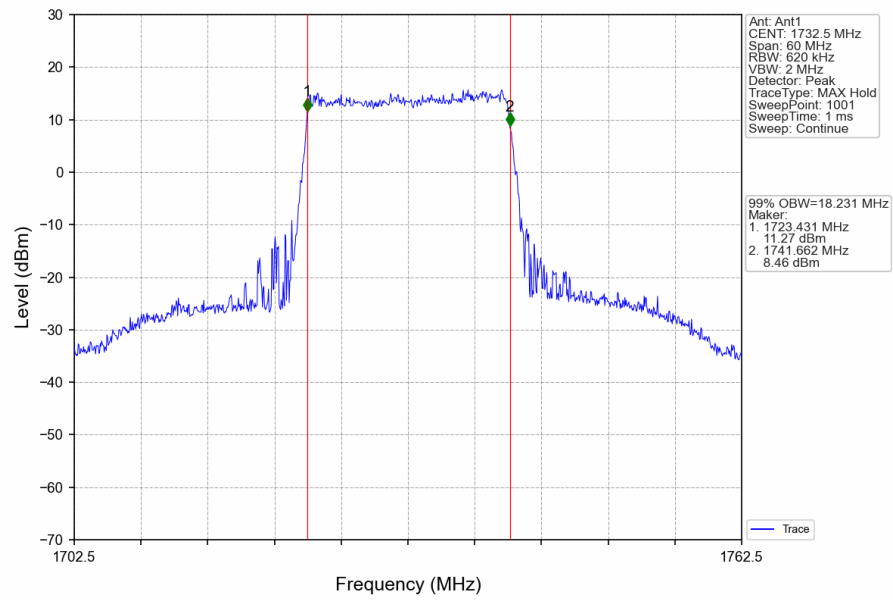
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



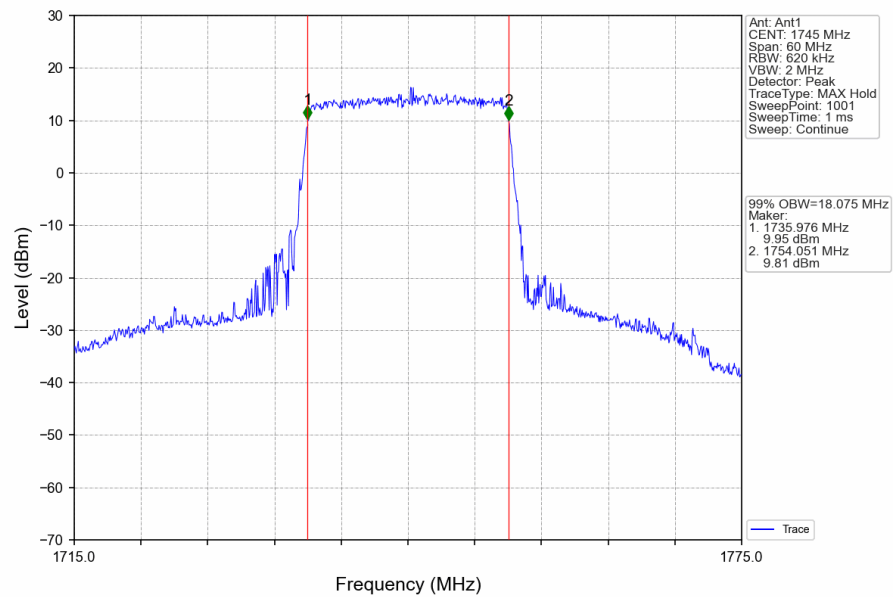
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

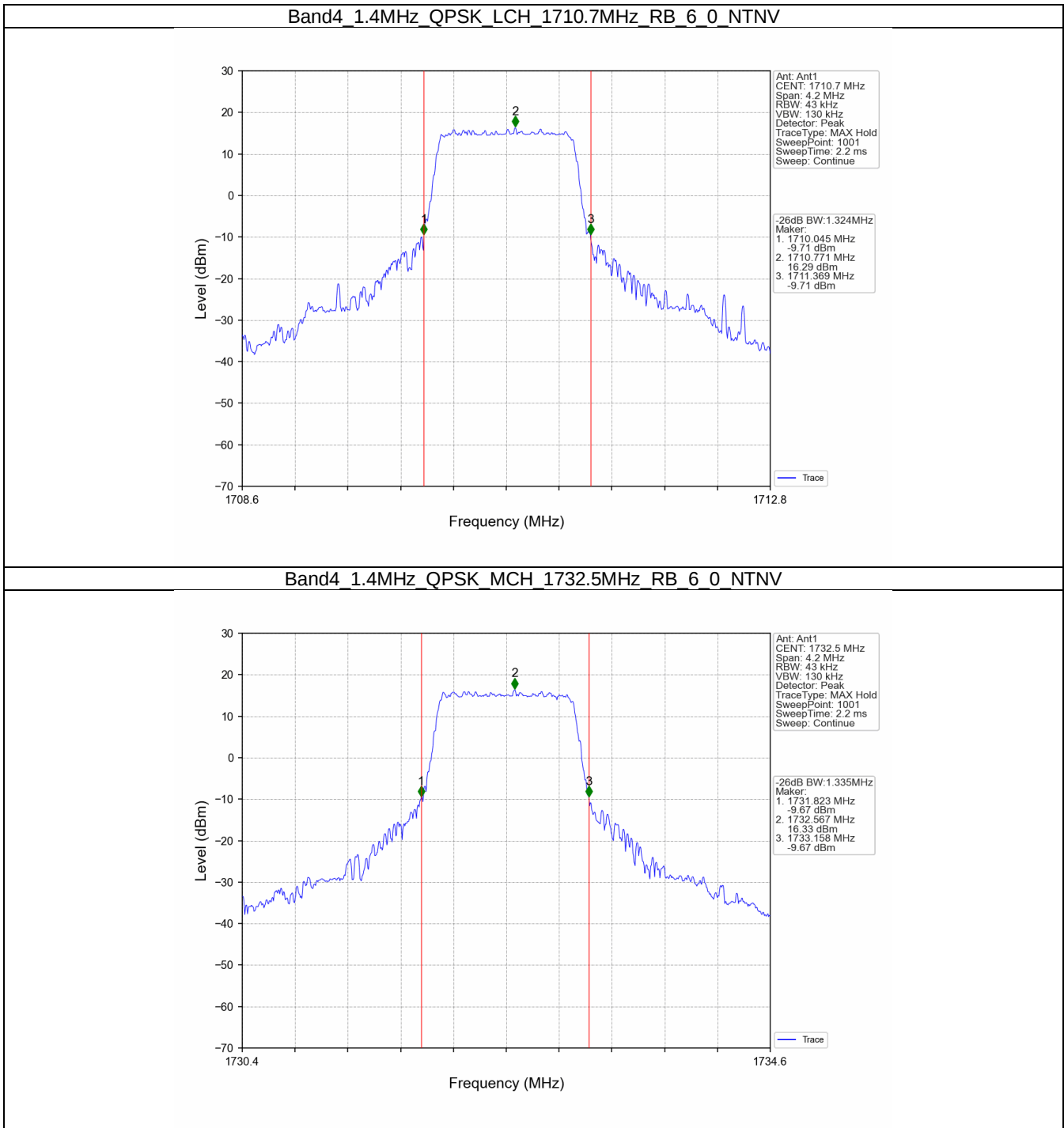


3.2 Band4_XDB

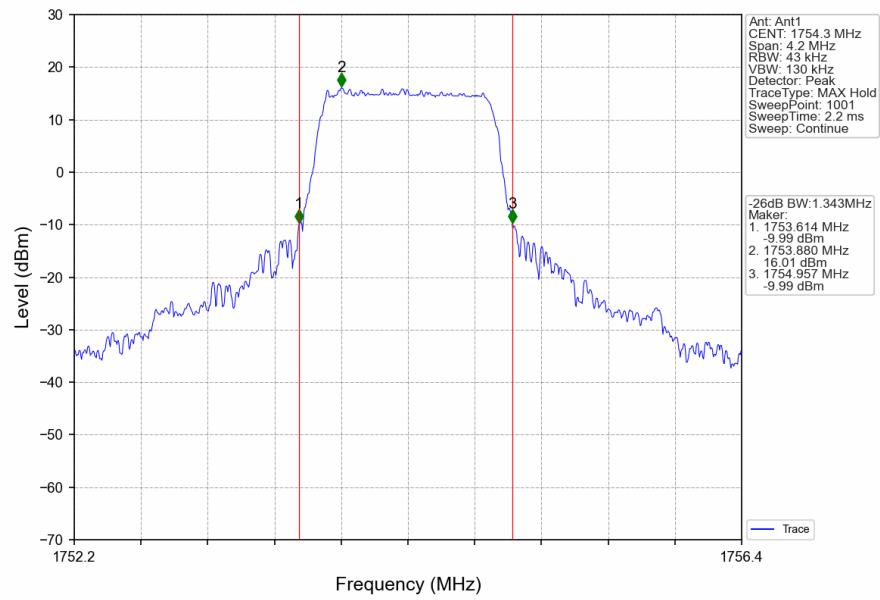
3.2.1 Test Result

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.324	Pass
		1732.5	6	0	1.335	Pass
		1754.3	6	0	1.343	Pass
	16QAM	1710.7	6	0	1.297	Pass
		1732.5	6	0	1.325	Pass
		1754.3	6	0	1.334	Pass
3	QPSK	1711.5	15	0	3.132	Pass
		1732.5	15	0	3.168	Pass
		1753.5	15	0	3.109	Pass
	16QAM	1711.5	15	0	3.115	Pass
		1732.5	15	0	3.234	Pass
		1753.5	15	0	3.228	Pass
5	QPSK	1712.5	25	0	5.788	Pass
		1732.5	25	0	5.688	Pass
		1752.5	25	0	5.424	Pass
	16QAM	1712.5	25	0	5.727	Pass
		1732.5	25	0	5.685	Pass
		1752.5	25	0	5.617	Pass
10	QPSK	1715	50	0	10.455	Pass
		1732.5	50	0	10.427	Pass
		1750	50	0	10.245	Pass
	16QAM	1715	50	0	10.341	Pass
		1732.5	50	0	10.325	Pass
		1750	50	0	10.307	Pass
15	QPSK	1717.5	75	0	15.621	Pass
		1732.5	75	0	16.231	Pass
		1747.5	75	0	15.631	Pass
	16QAM	1717.5	75	0	15.065	Pass
		1732.5	75	0	15.069	Pass
		1747.5	75	0	15.570	Pass
20	QPSK	1720	100	0	20.114	Pass
		1732.5	100	0	21.263	Pass
		1745	100	0	20.339	Pass
	16QAM	1720	100	0	20.732	Pass
		1732.5	100	0	20.712	Pass
		1745	100	0	19.845	Pass

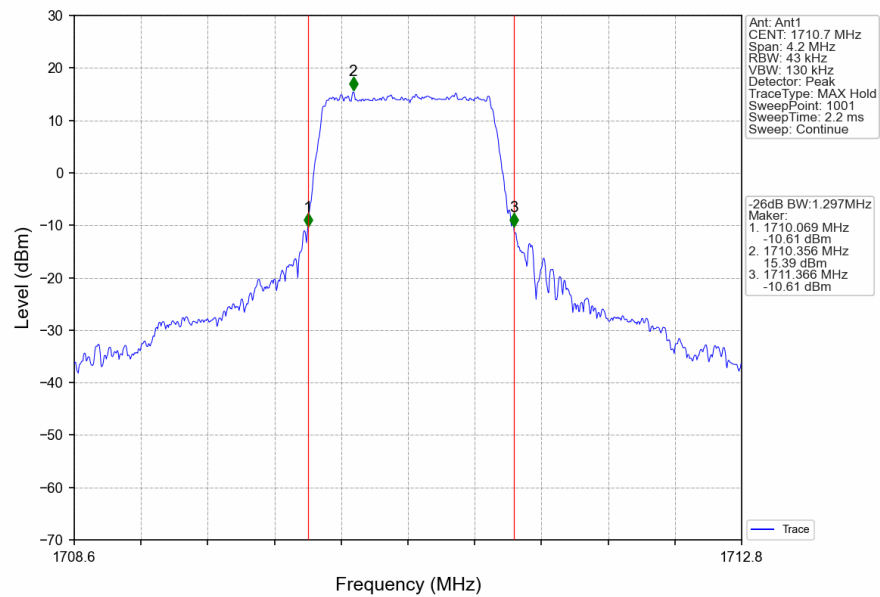
3.2.2 Test Graph



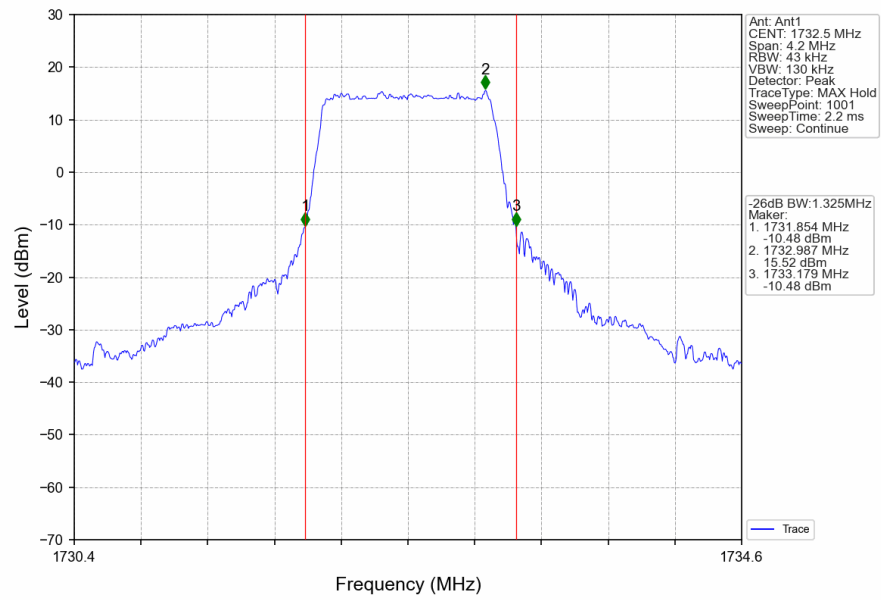
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



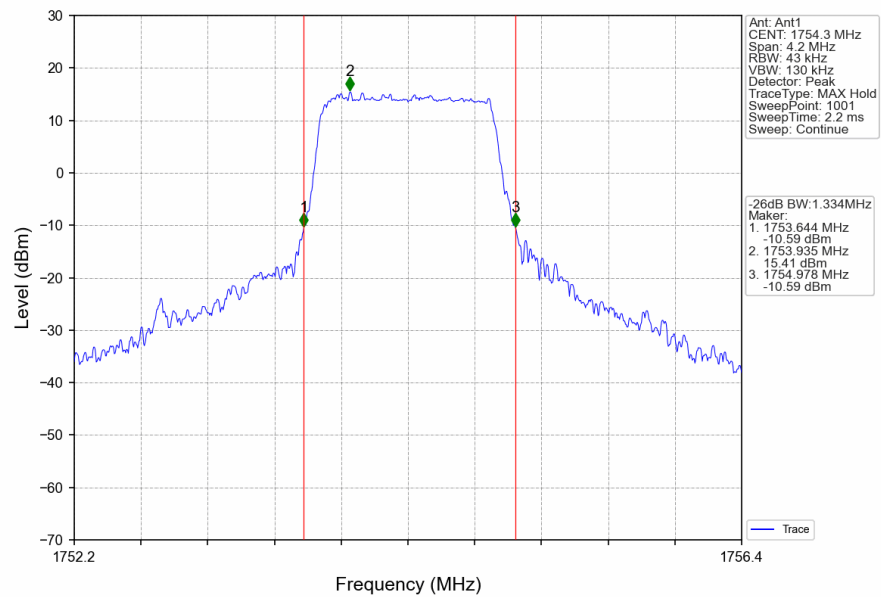
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



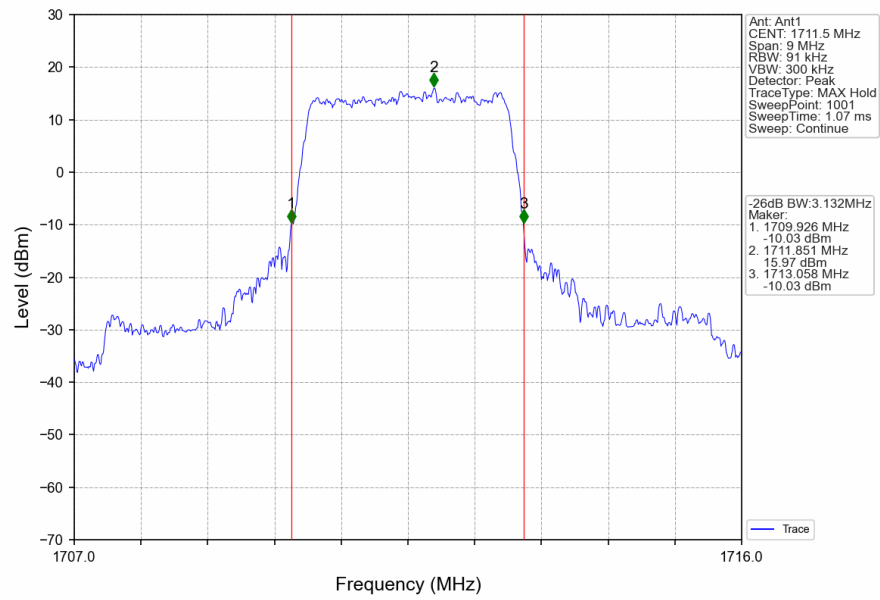
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



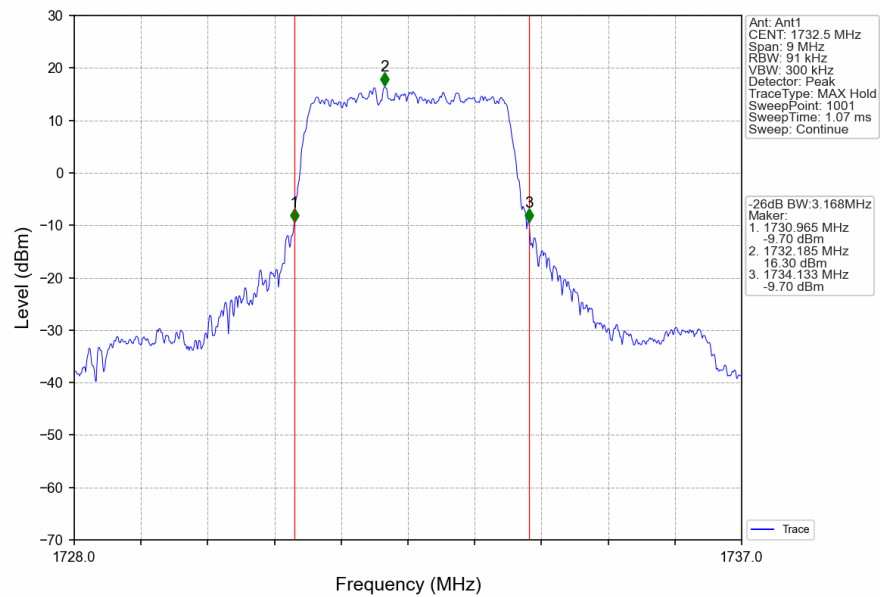
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



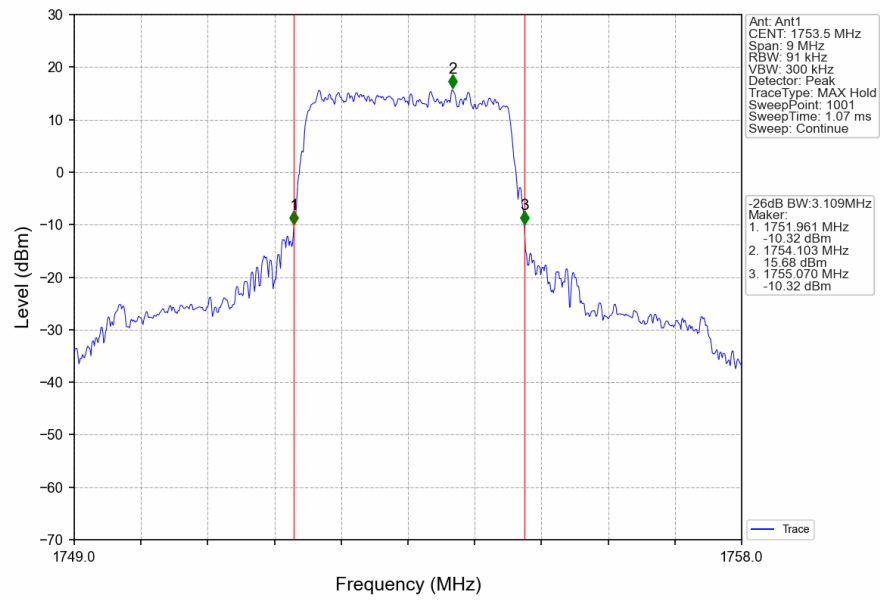
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



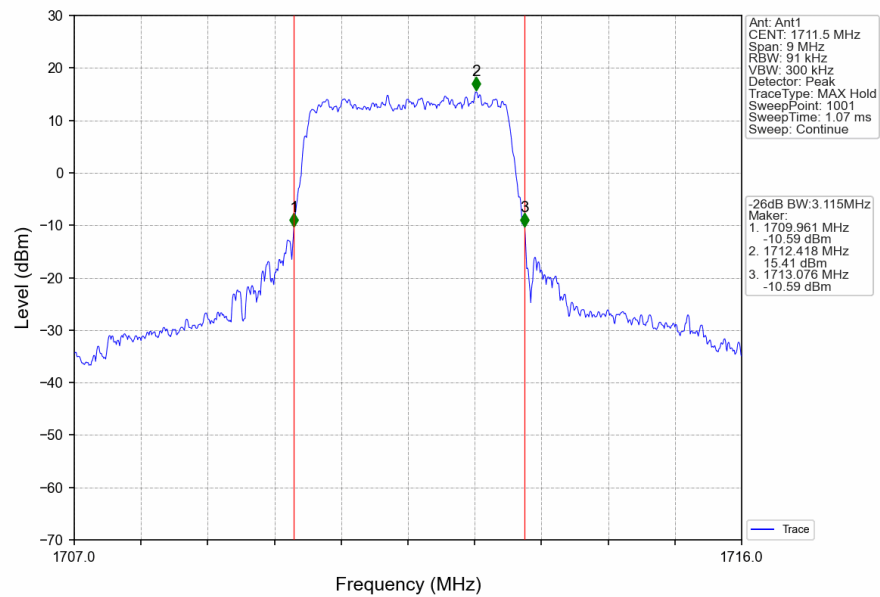
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



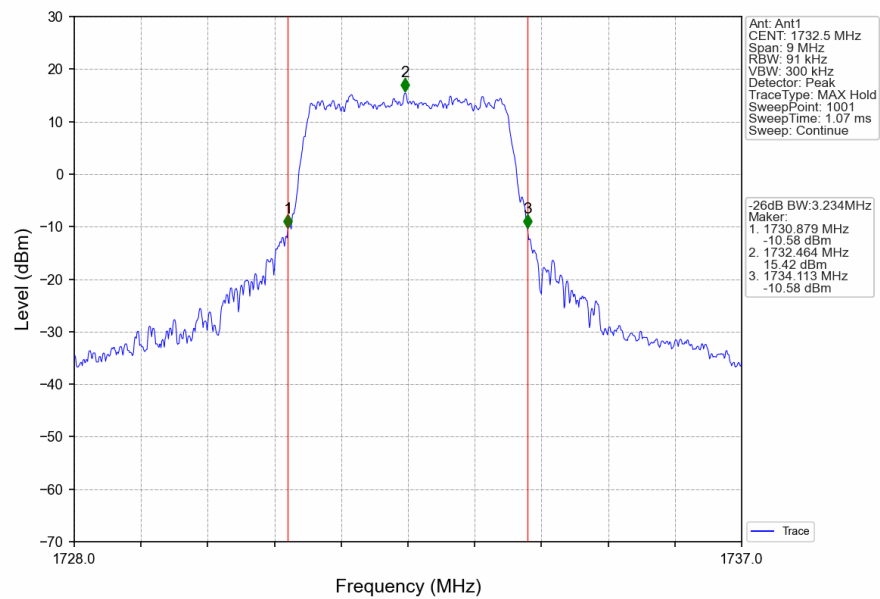
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



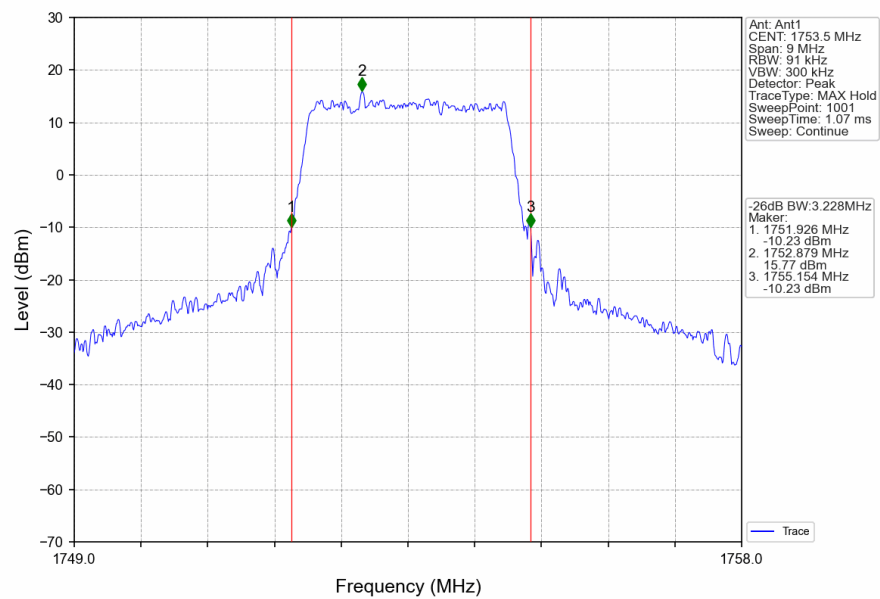
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



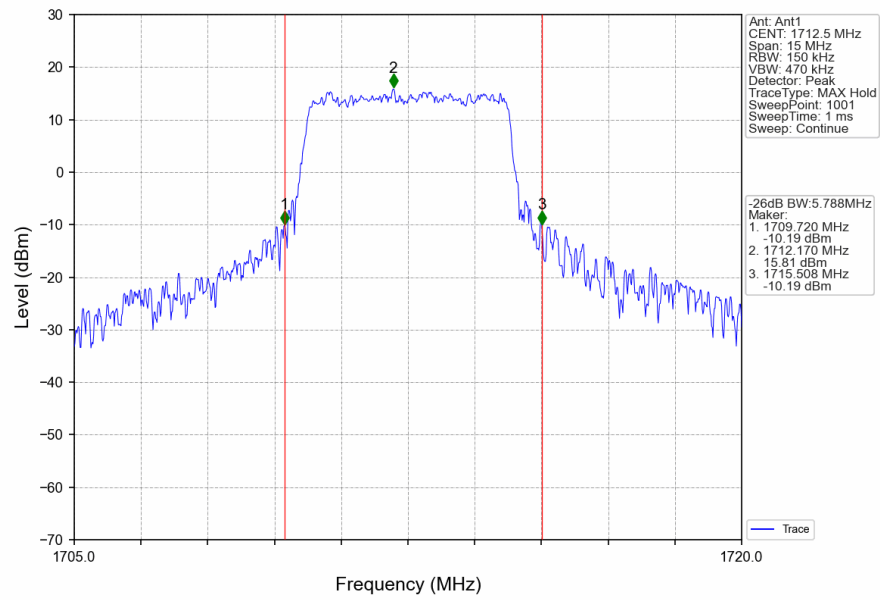
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



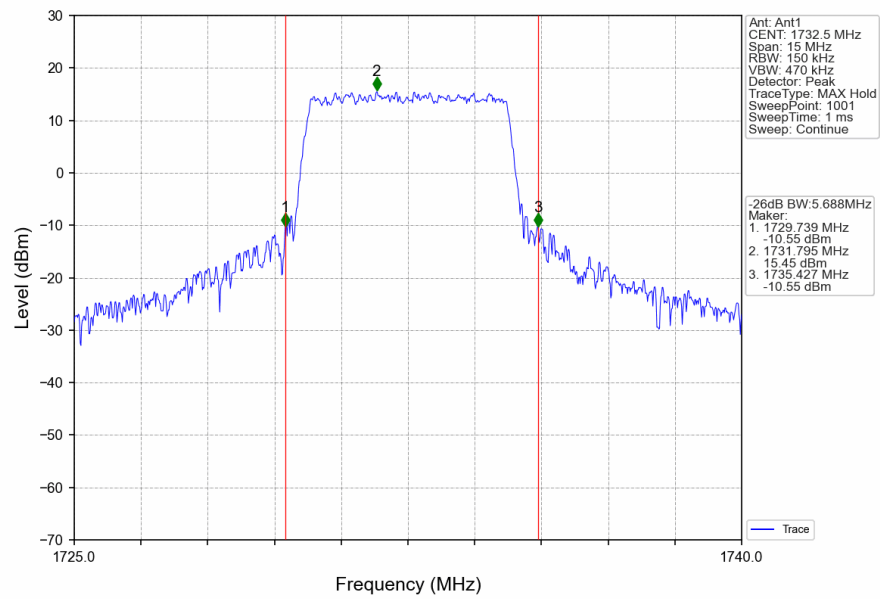
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



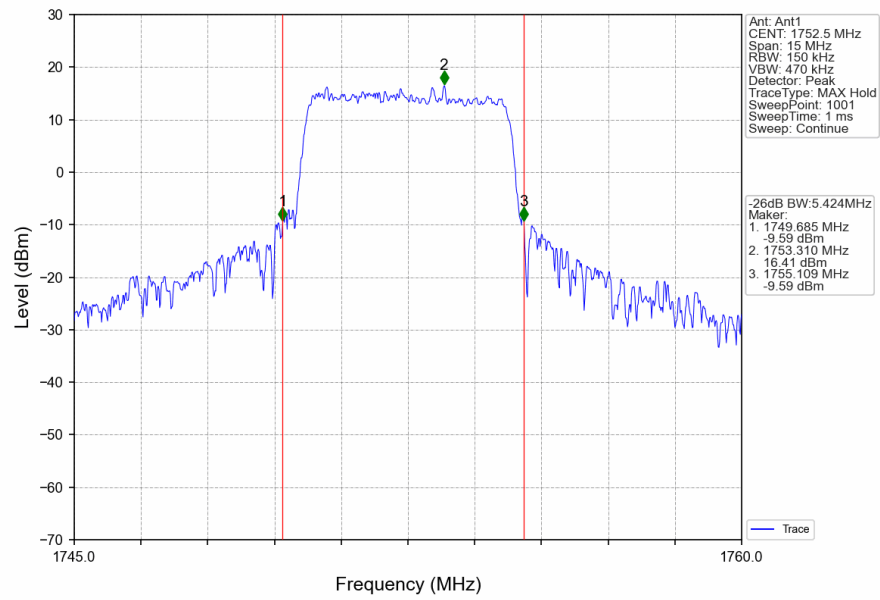
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



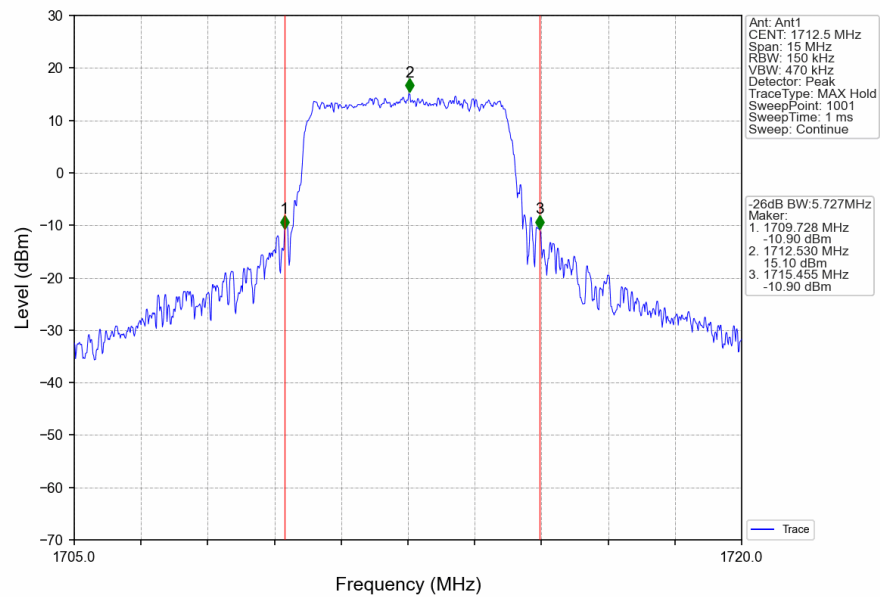
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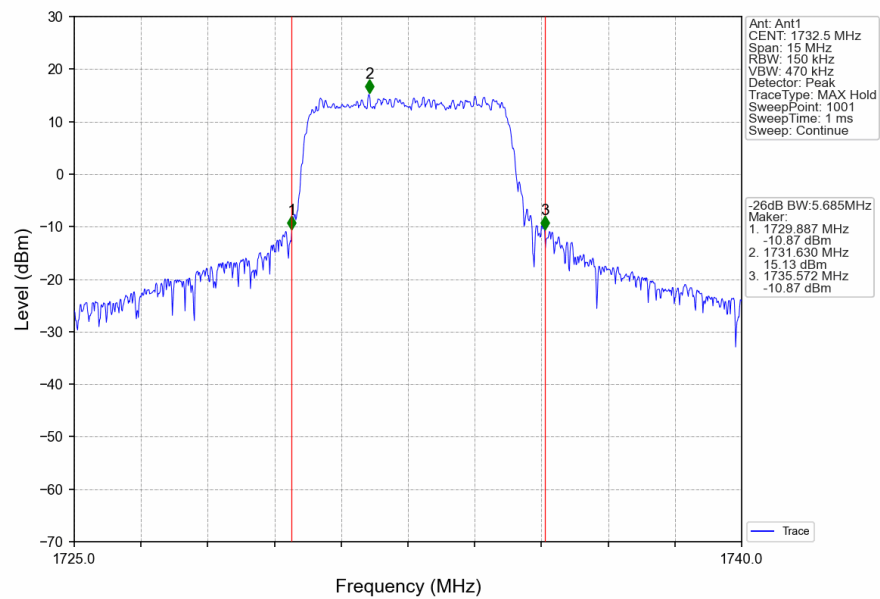
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



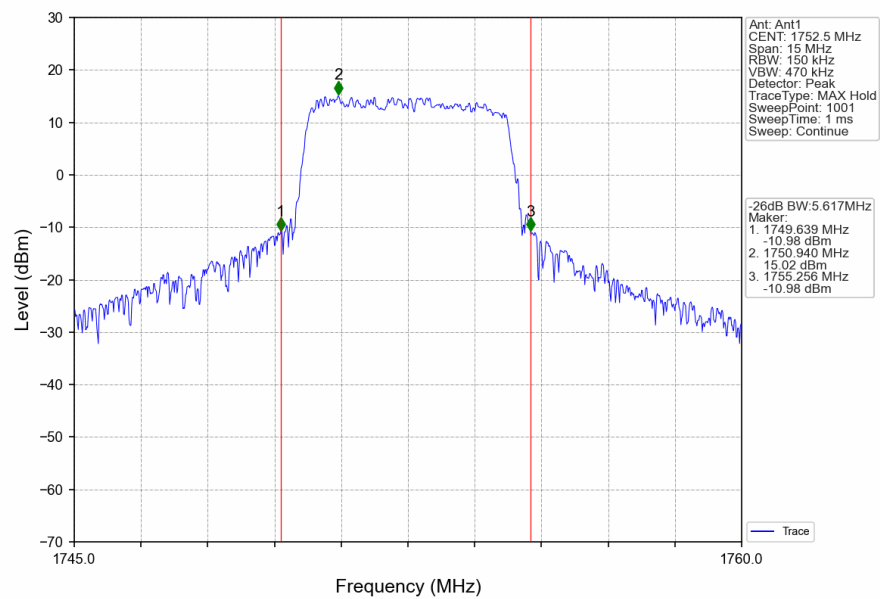
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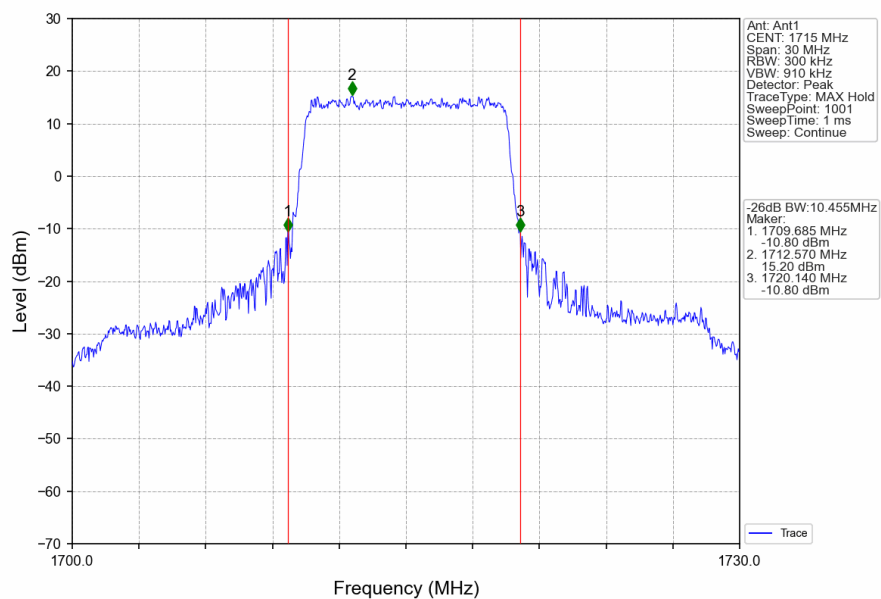
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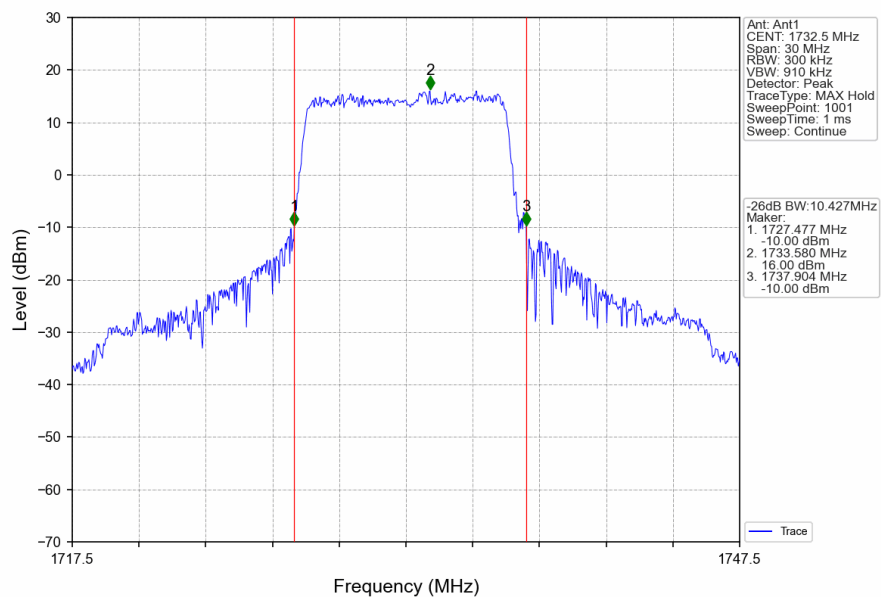
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



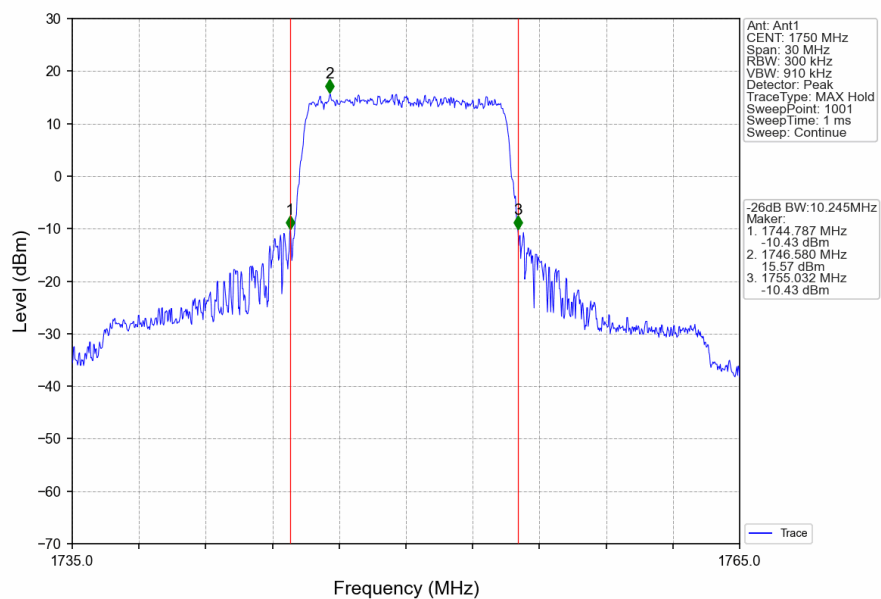
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



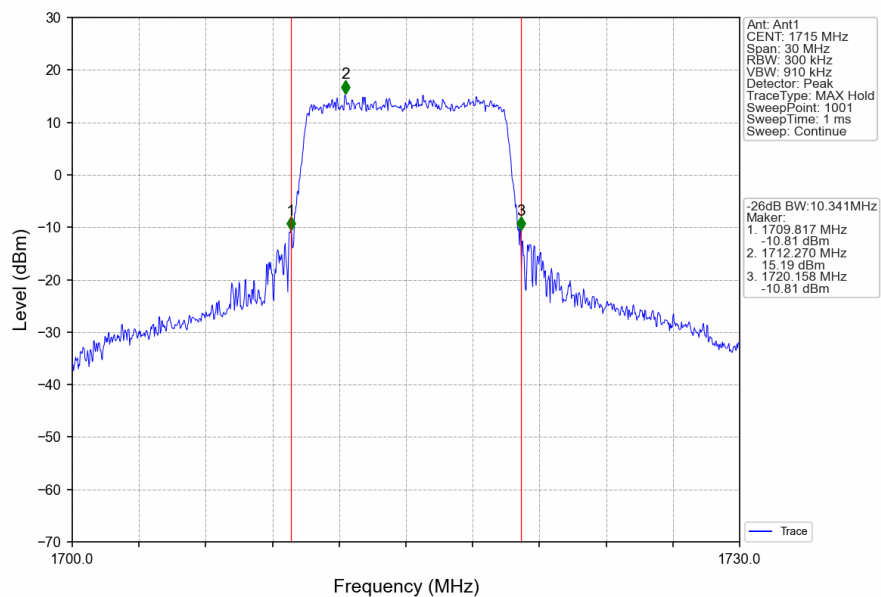
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



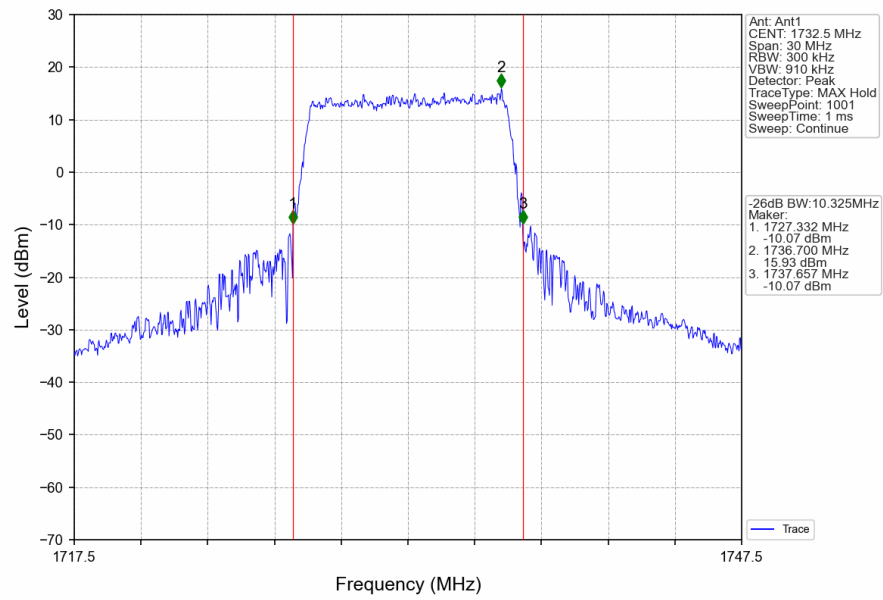
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



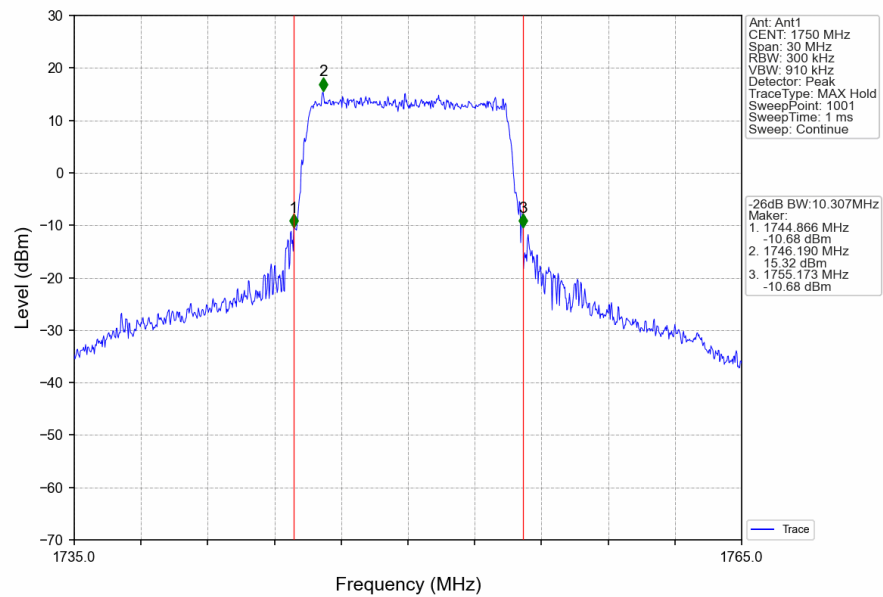
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



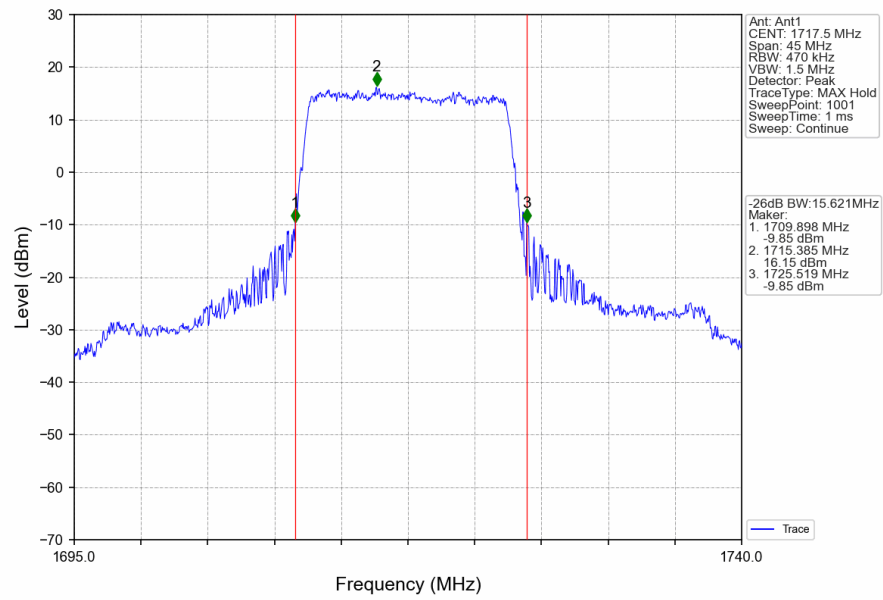
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



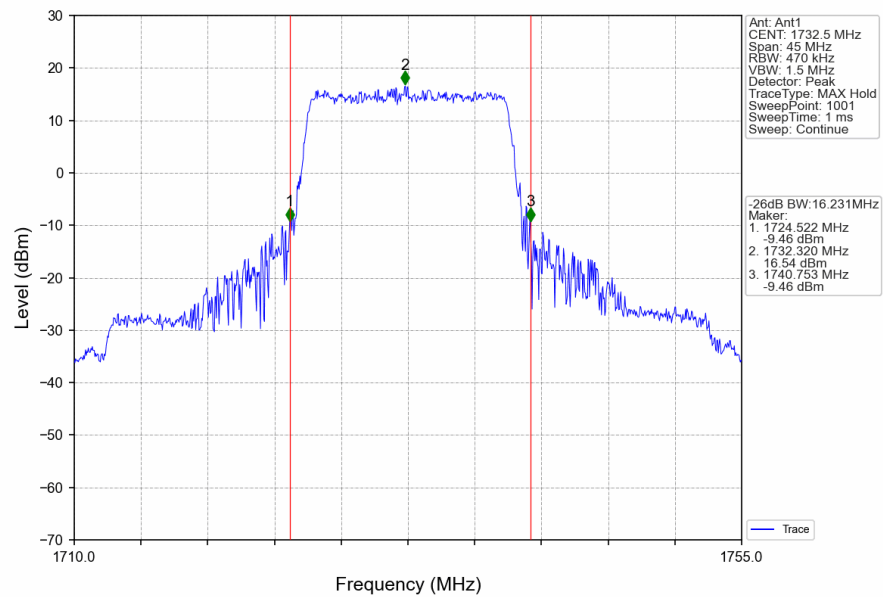
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



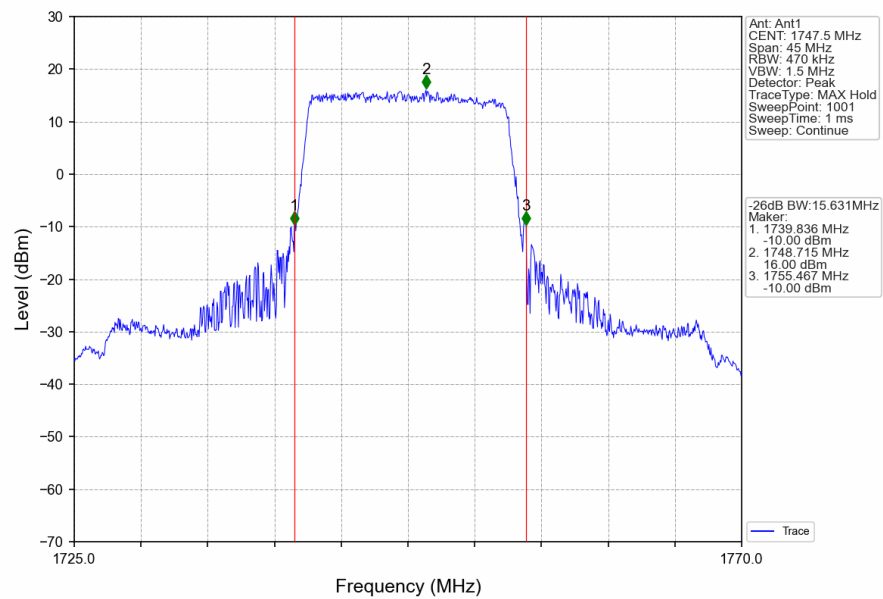
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



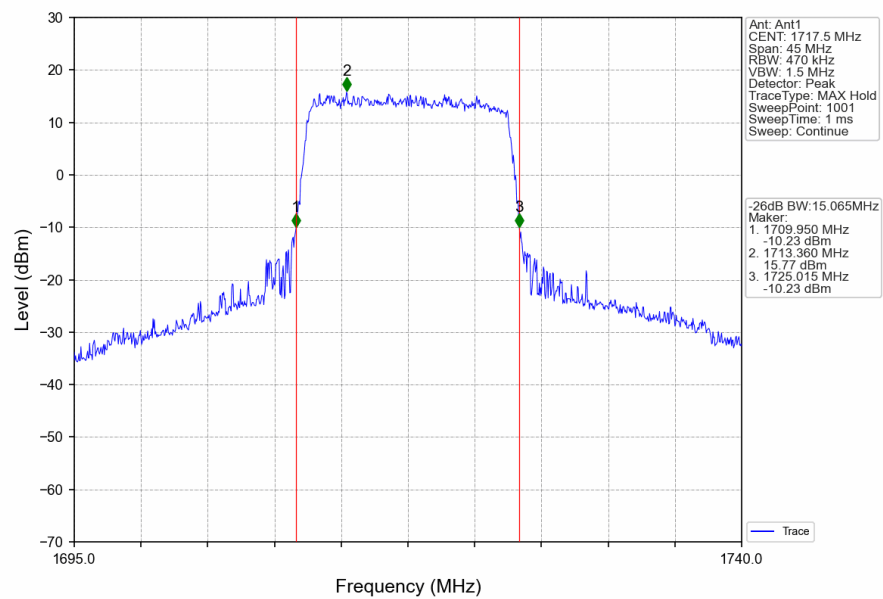
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



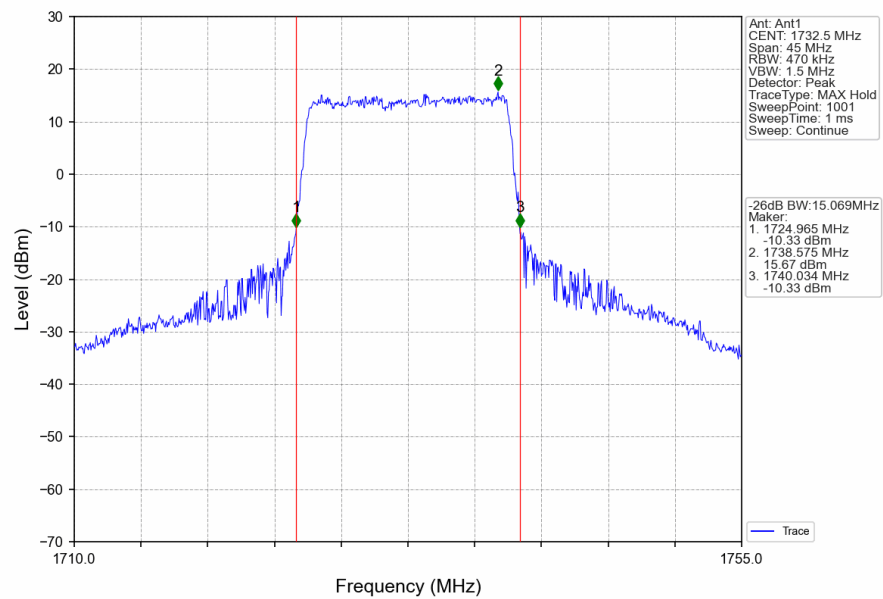
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



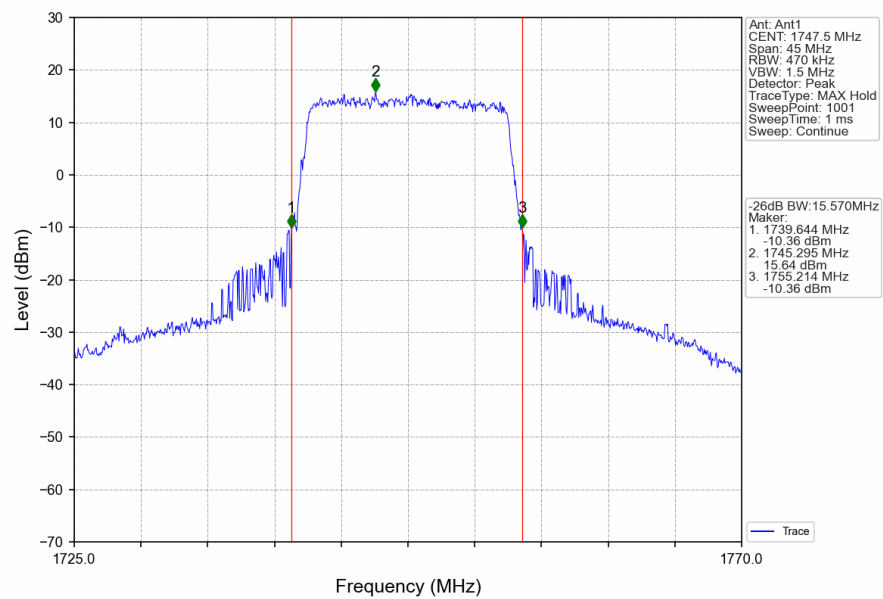
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



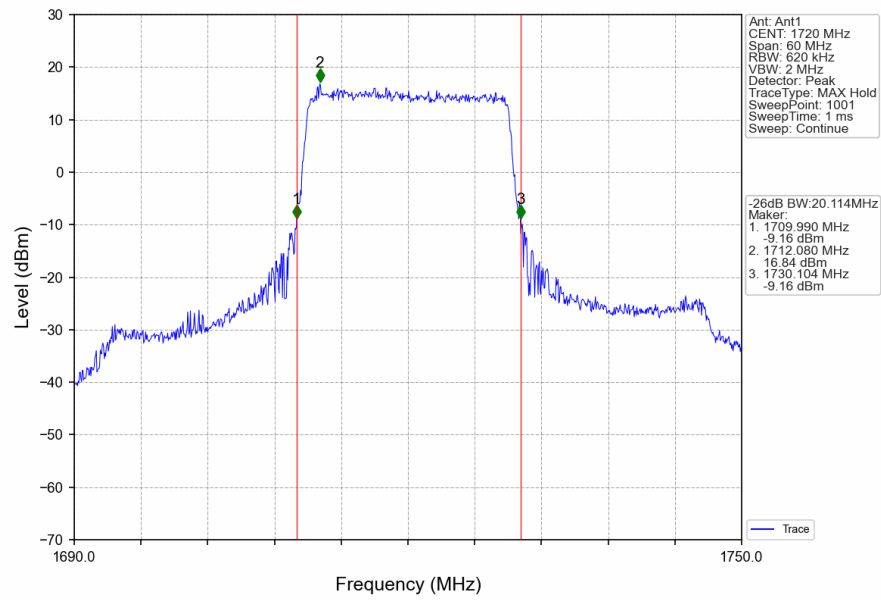
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



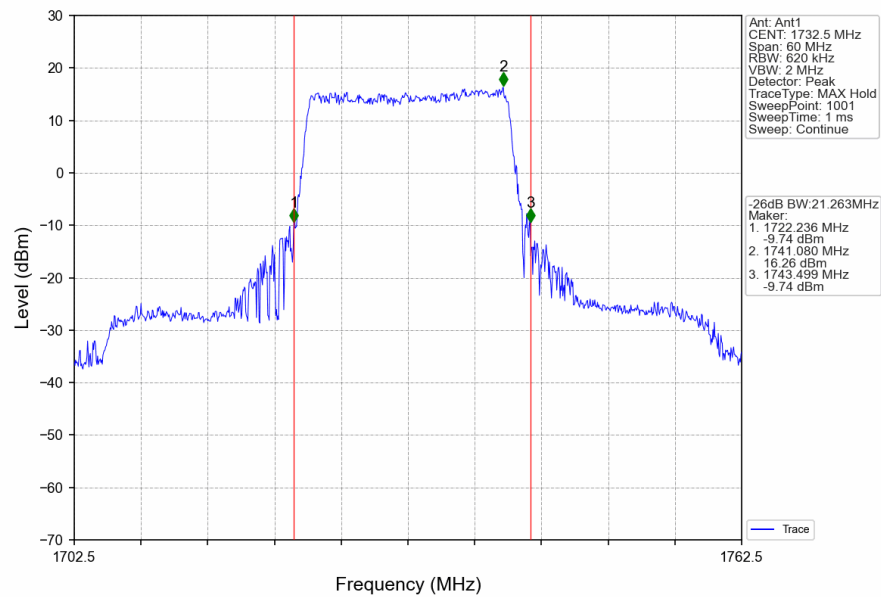
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



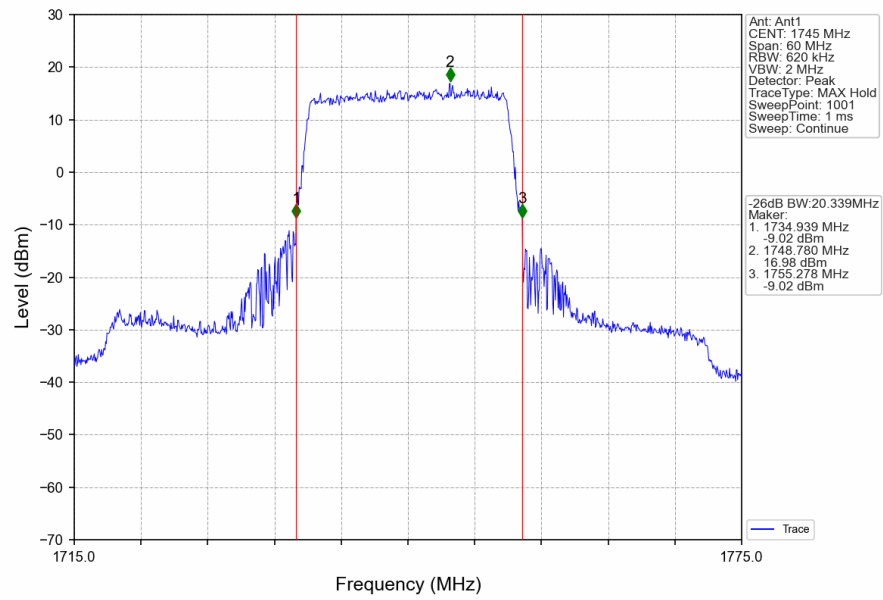
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



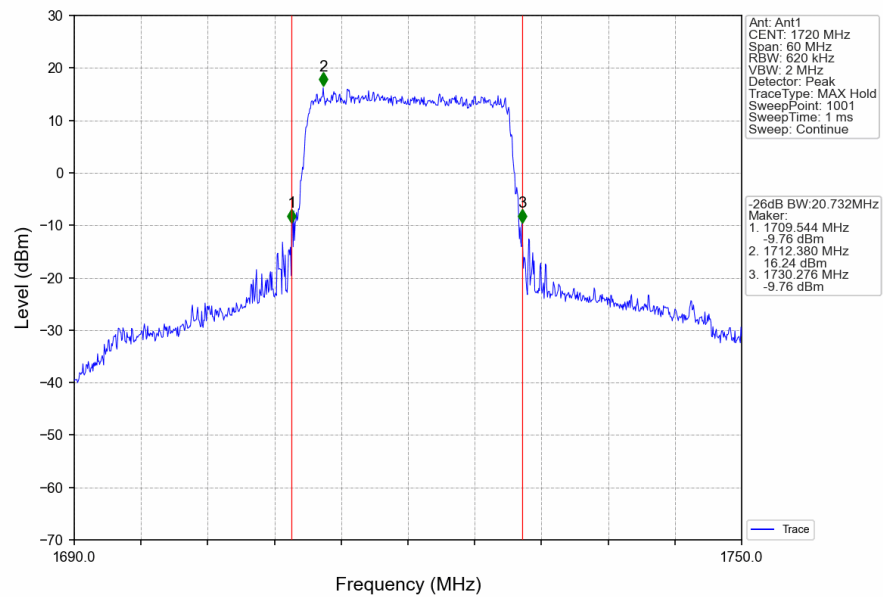
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



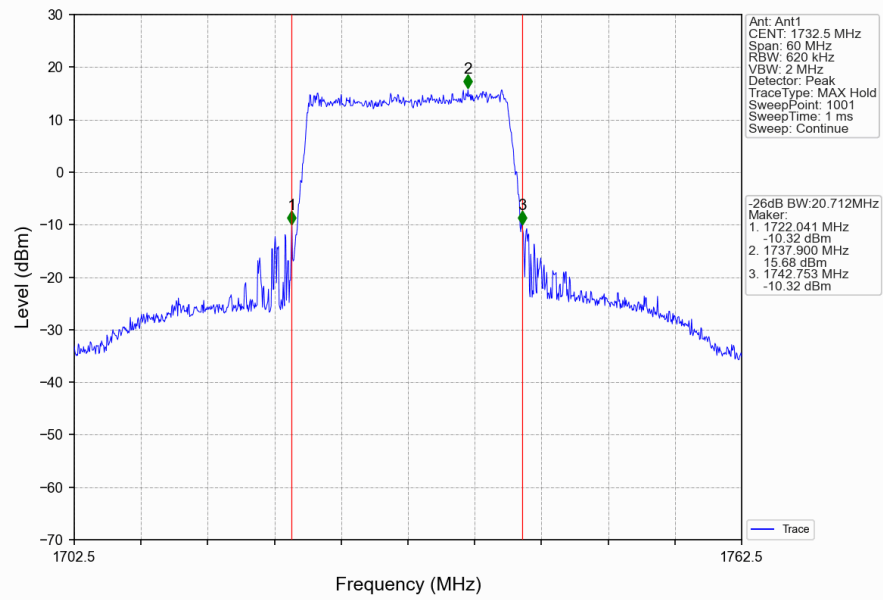
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



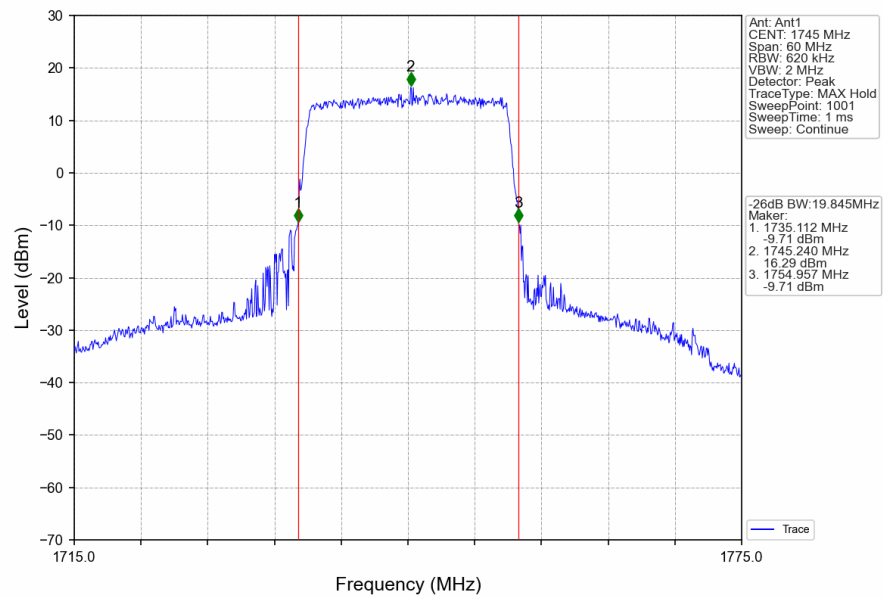
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



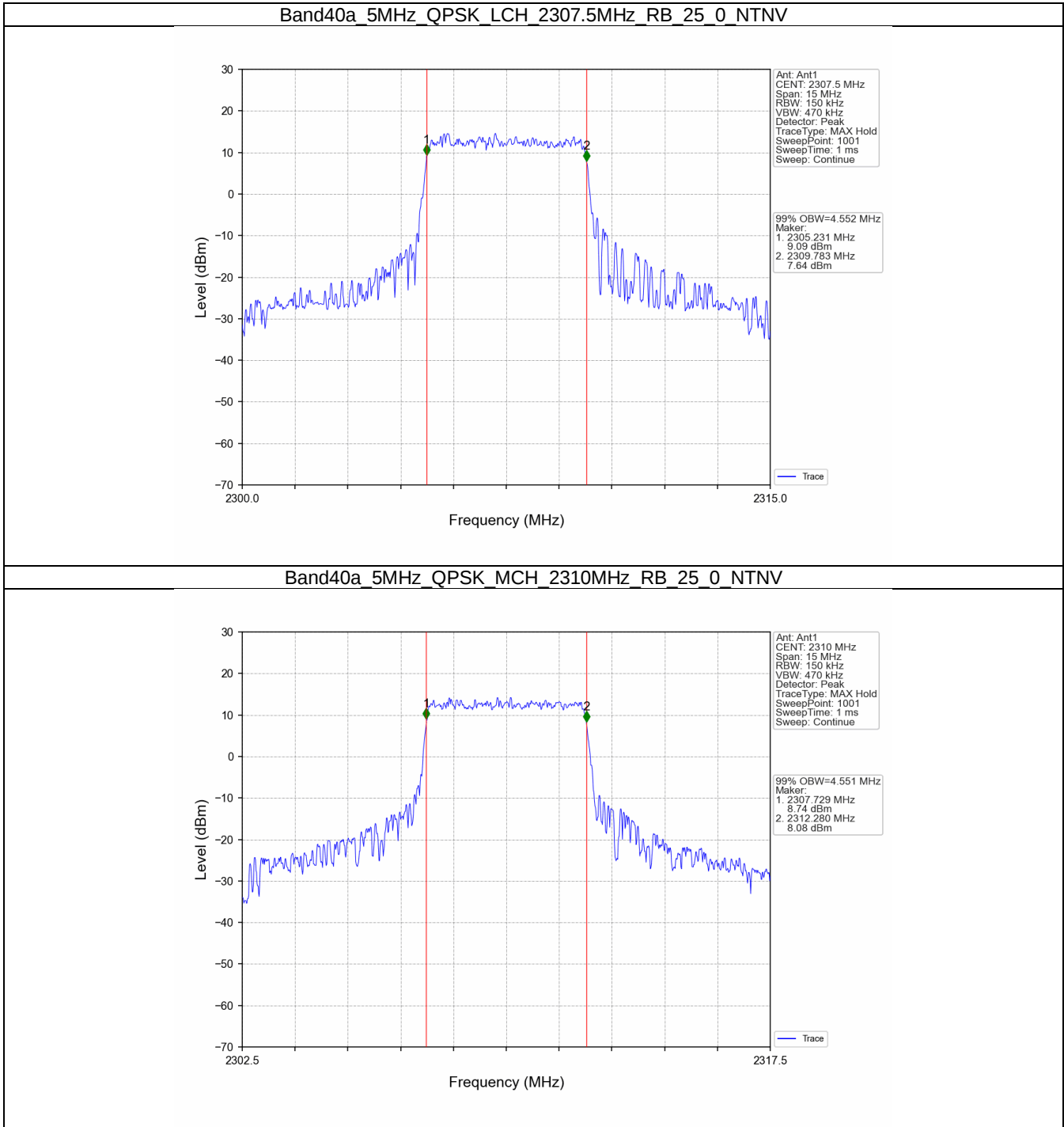
4. 99% & 26dB Bandwidth

4.1 Band40a_OBW

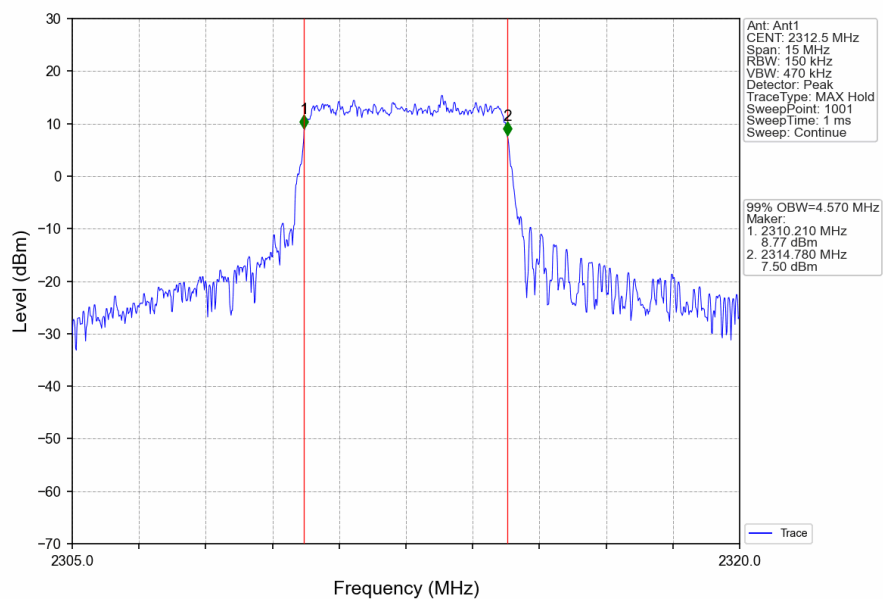
4.1.1 Test Result

Band: 40a / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2307.5	25	0	4.552	Pass
		2310	25	0	4.551	Pass
		2312.5	25	0	4.570	Pass
	16QAM	2307.5	25	0	4.544	Pass
		2310	25	0	4.584	Pass
		2312.5	25	0	4.611	Pass
10	QPSK	2310	50	0	9.102	Pass
	16QAM	2310	50	0	9.062	Pass

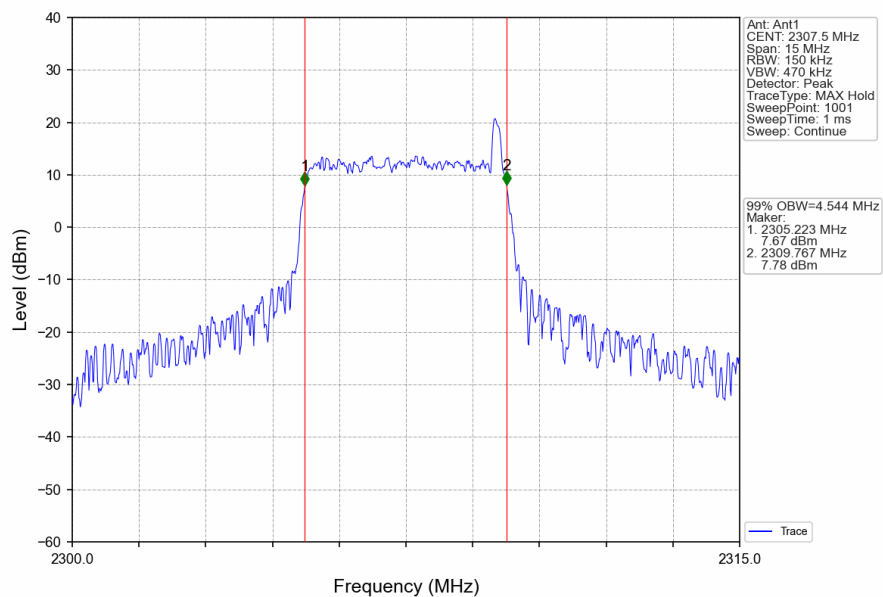
4.1.2 Test Graph



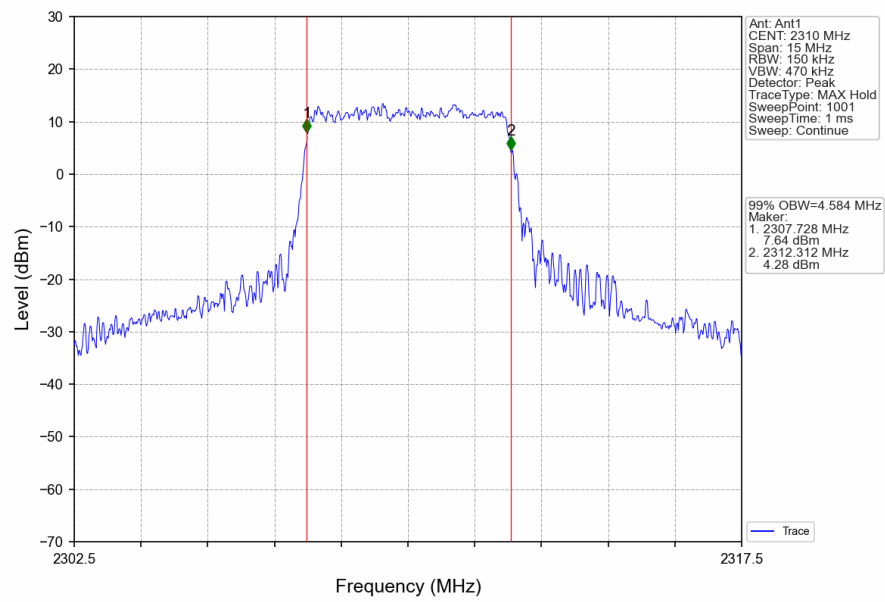
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



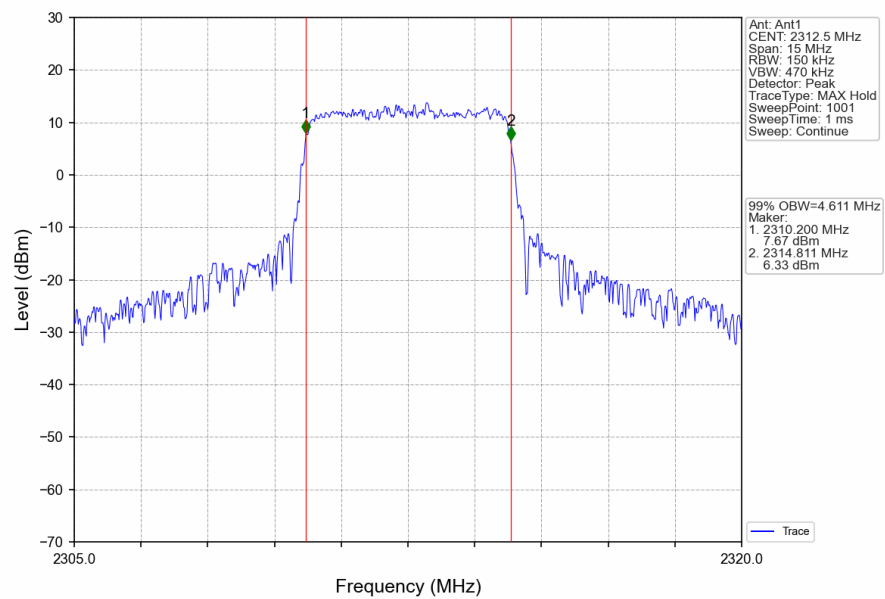
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



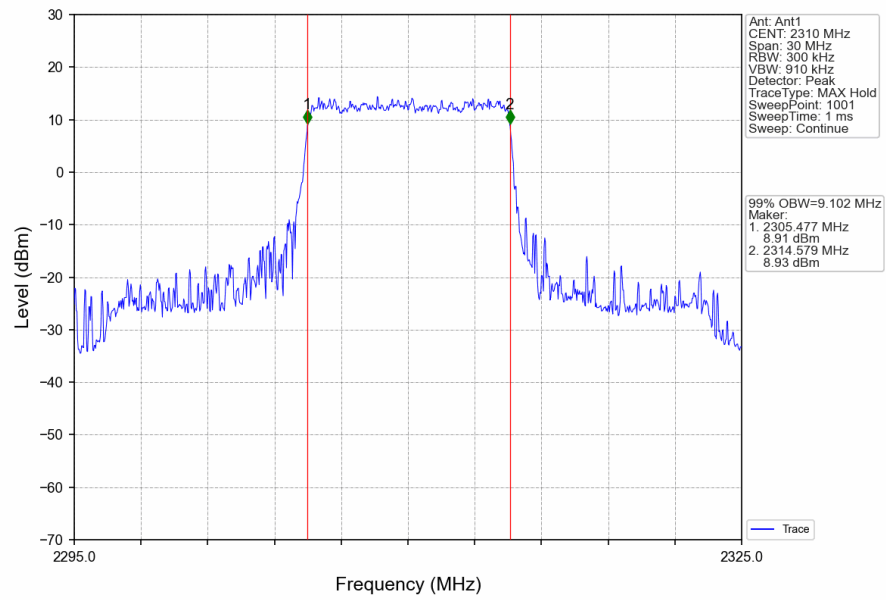
Band40a_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV



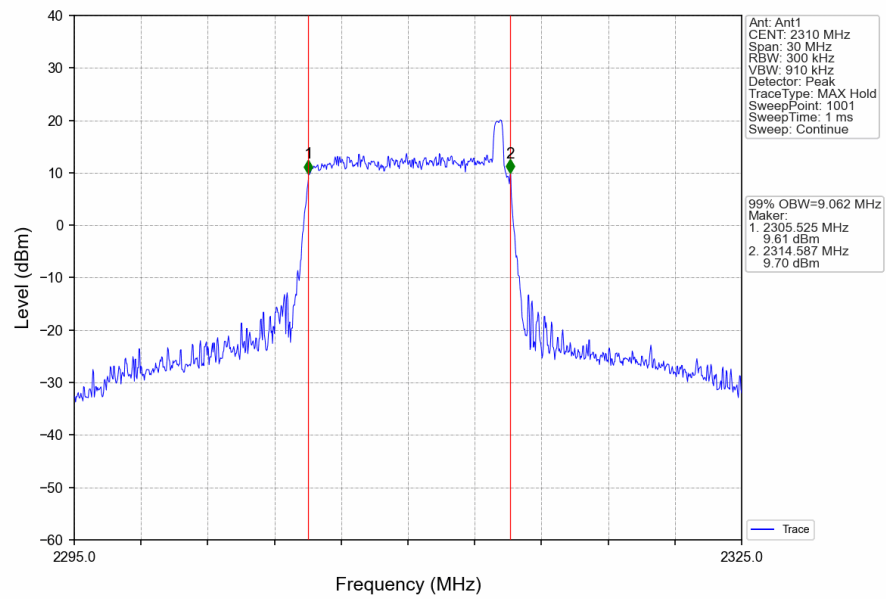
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



4.2 Band40a_XDB

4.2.1 Test Result

Band: 40a / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2307.5	25	0	5.436	Pass
		2310	25	0	5.646	Pass
		2312.5	25	0	5.626	Pass
	16QAM	2307.5	25	0	4.879	Pass
		2310	25	0	5.376	Pass
		2312.5	25	0	5.730	Pass
10	QPSK	2310	50	0	10.775	Pass
	16QAM	2310	50	0	9.689	Pass