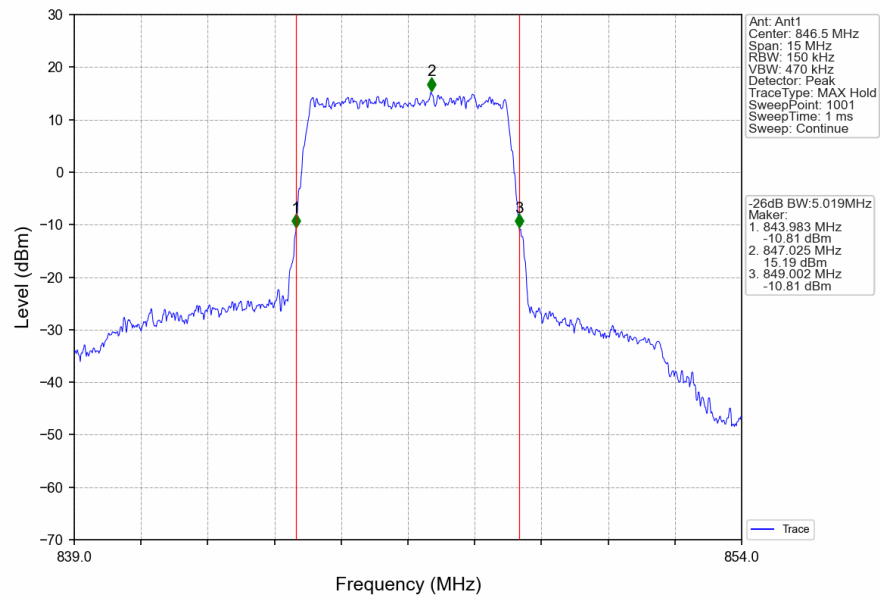
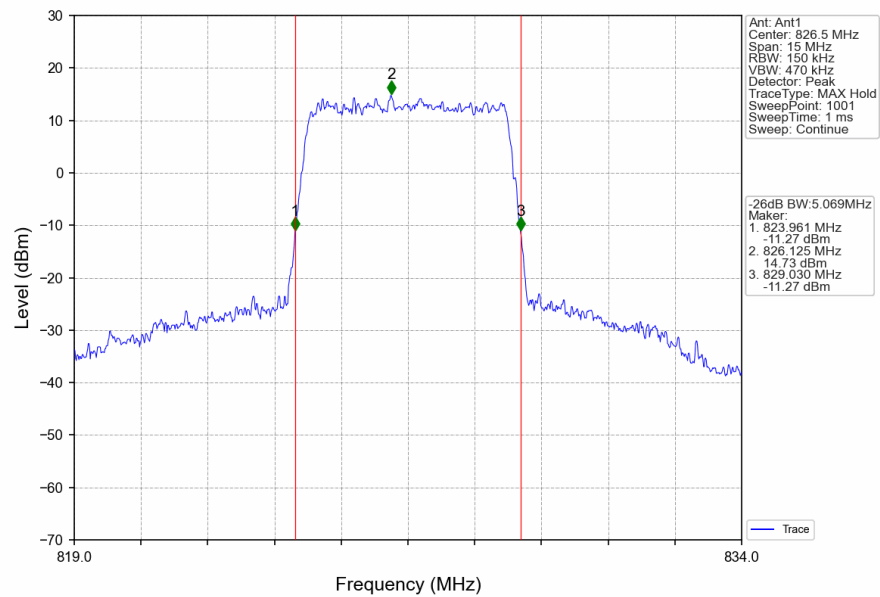


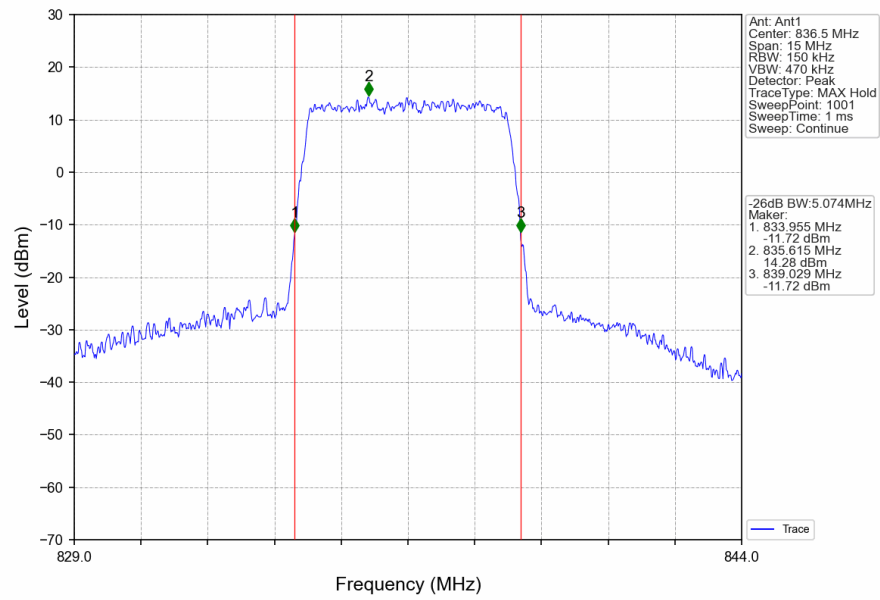
Band26b_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



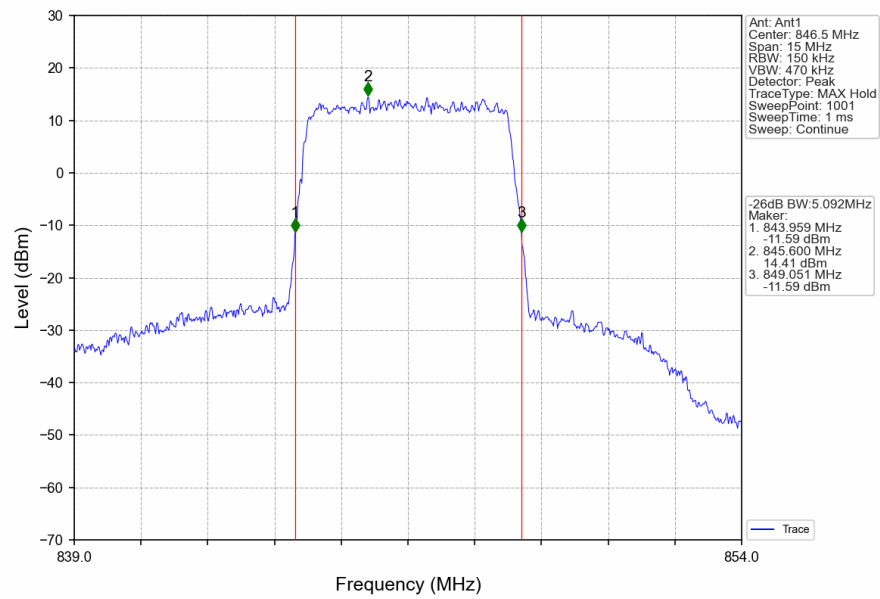
Band26b_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



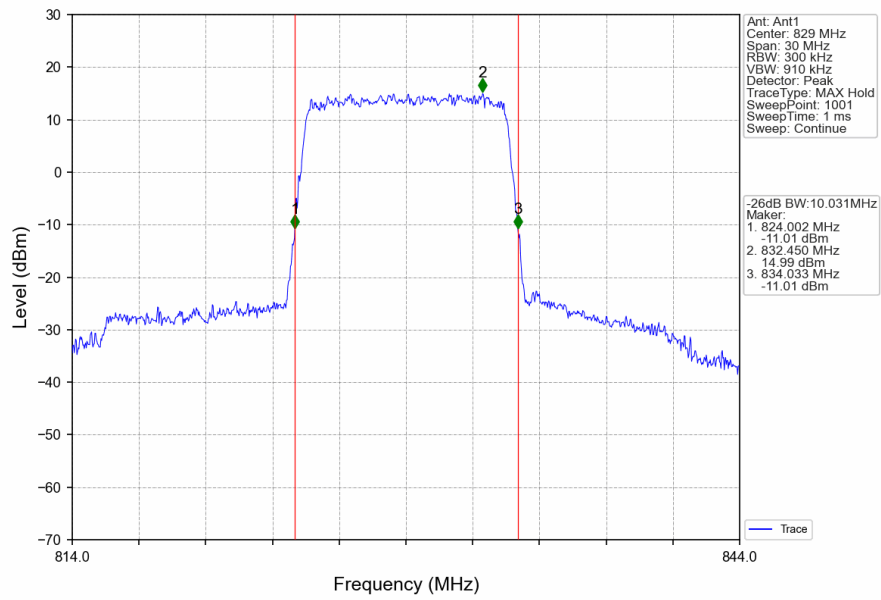
Band26b_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



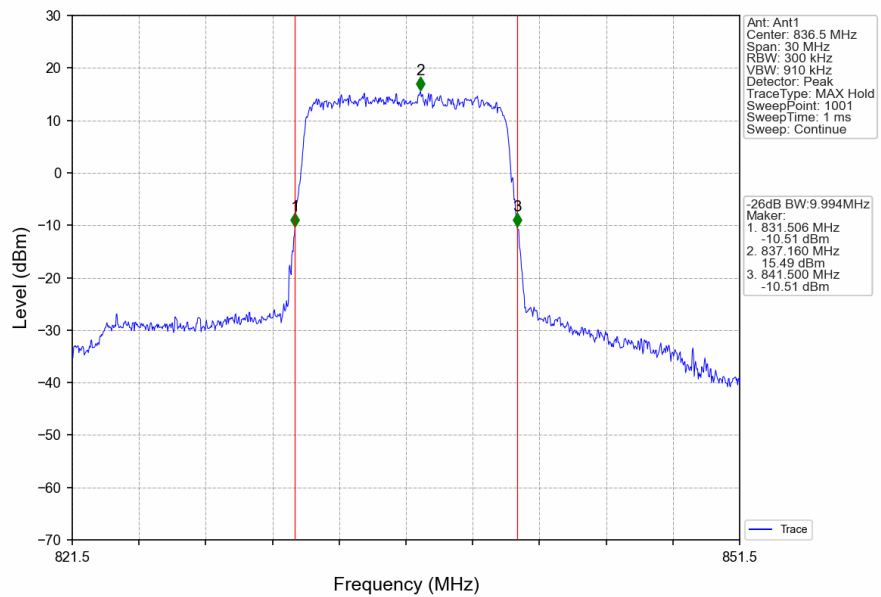
Band26b_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



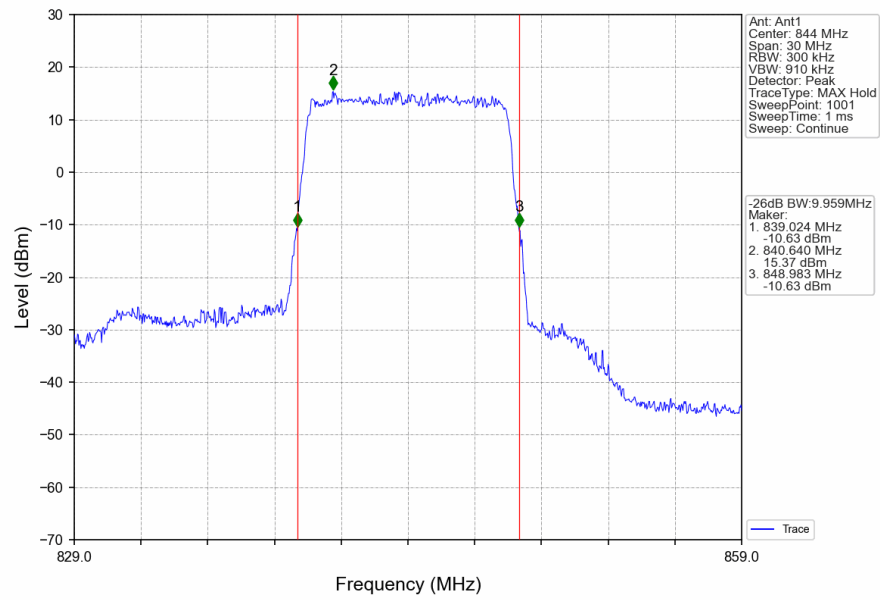
Band26b_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



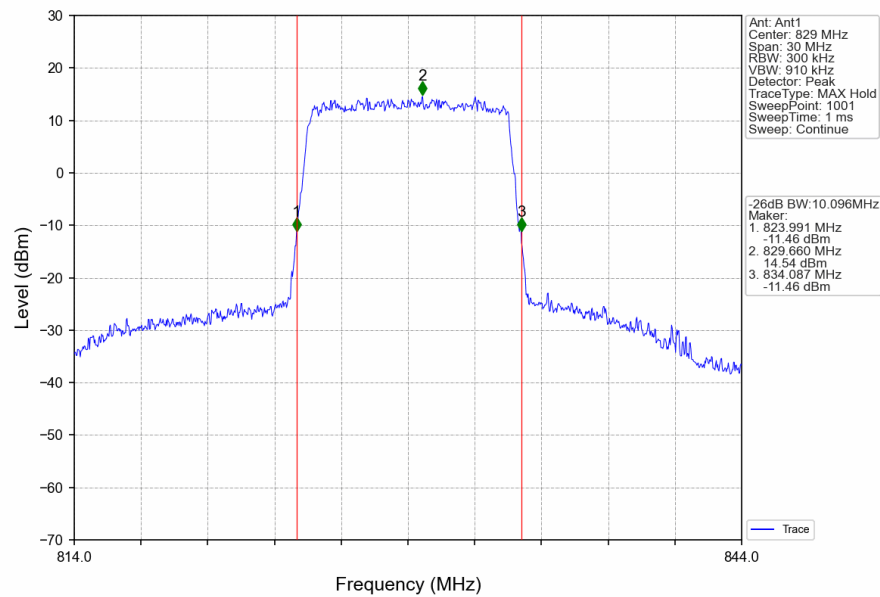
Band26b_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



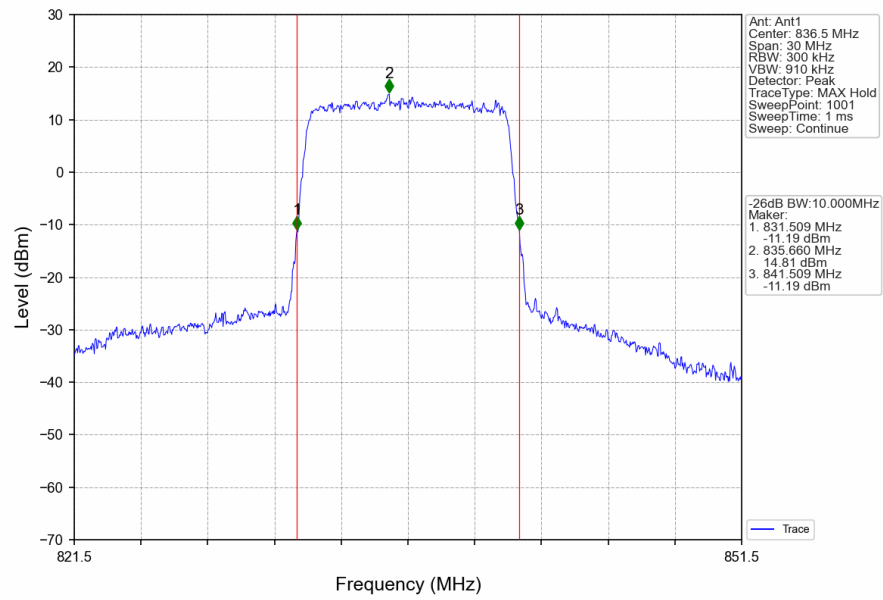
Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



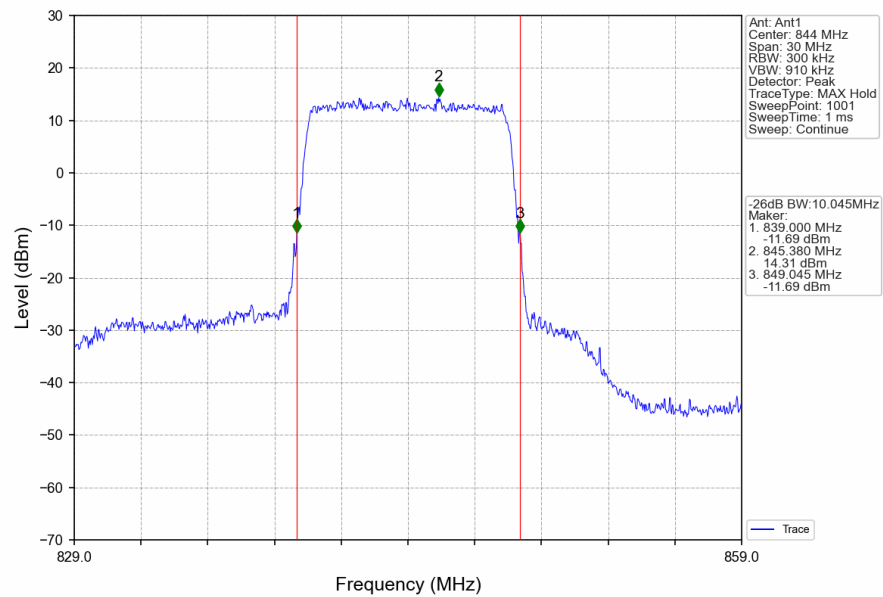
Band26b_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



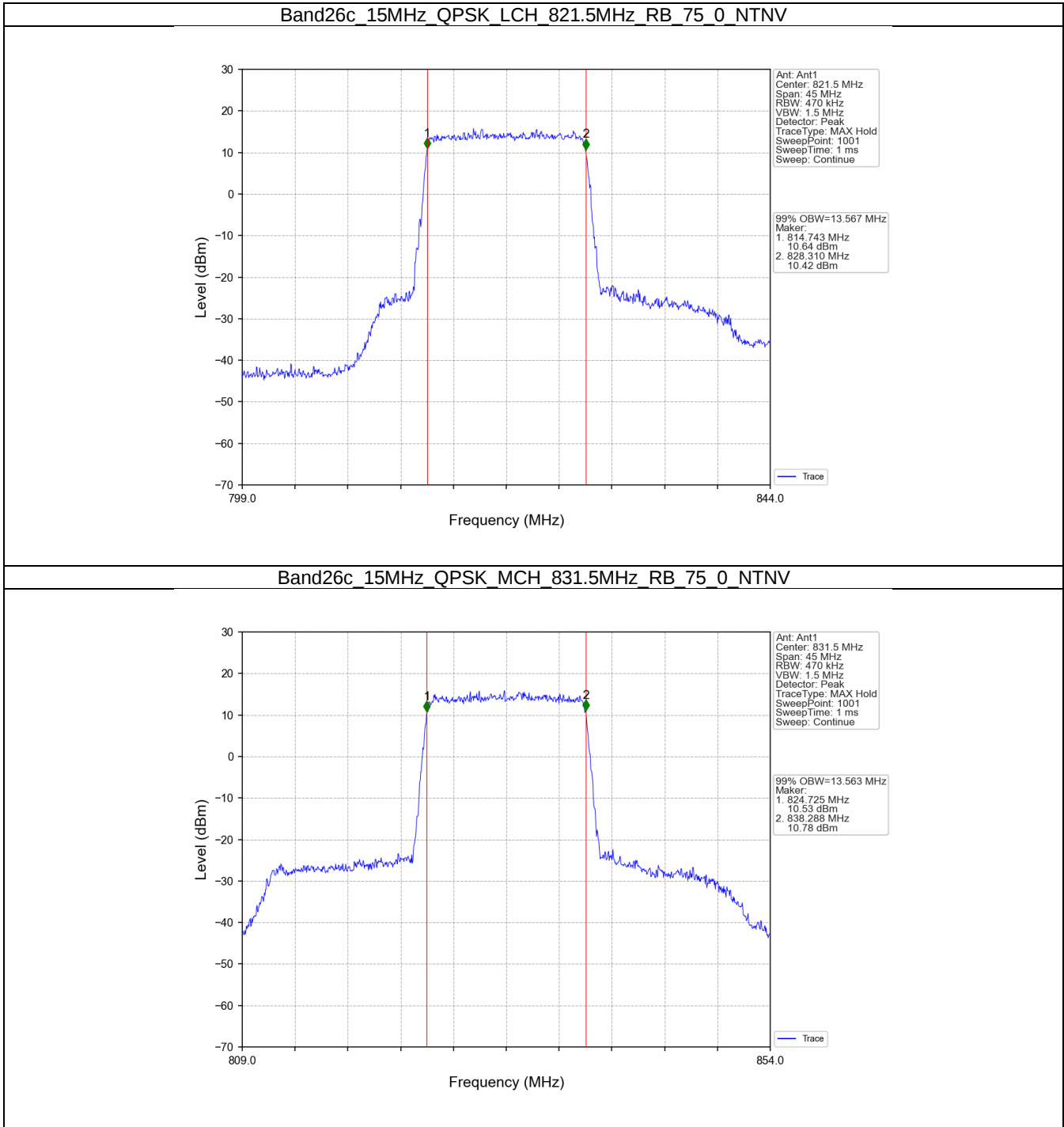
7. 99% & 26dB Bandwidth

7.1 Band26c_OBW

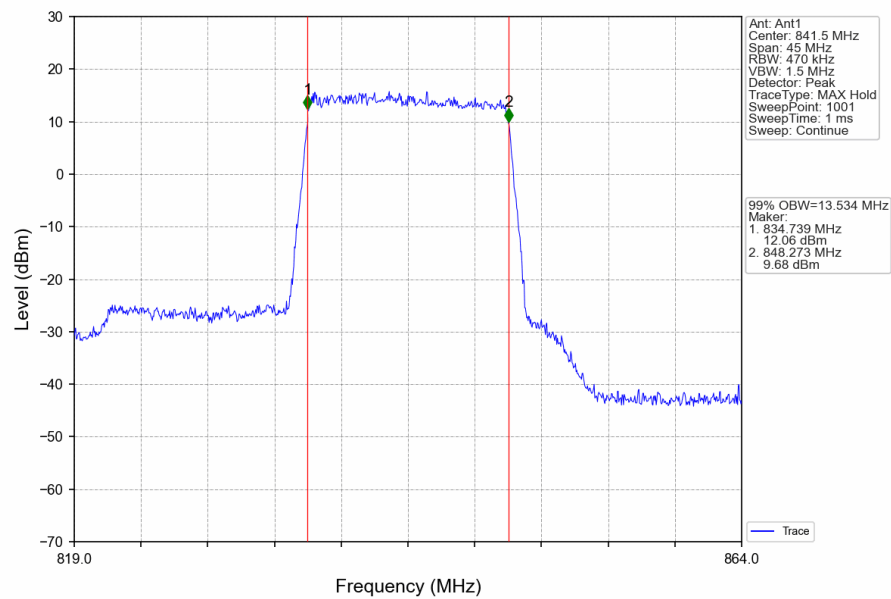
7.1.1 Test Result

Band: 26c / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	13.567	Pass
		831.5	75	0	13.563	Pass
		841.5	75	0	13.534	Pass
	16QAM	821.5	75	0	13.547	Pass
		831.5	75	0	13.575	Pass
		841.5	75	0	13.557	Pass

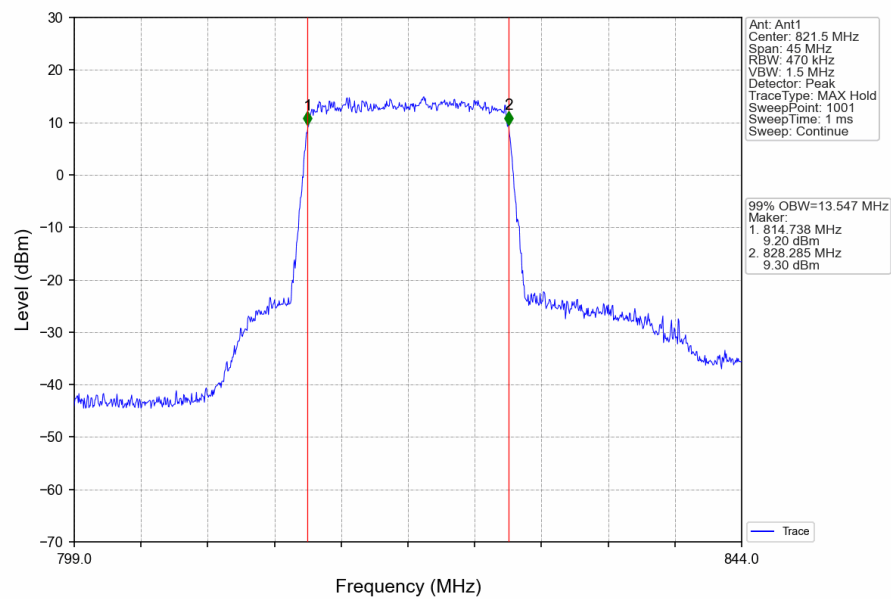
7.1.2 Test Graph



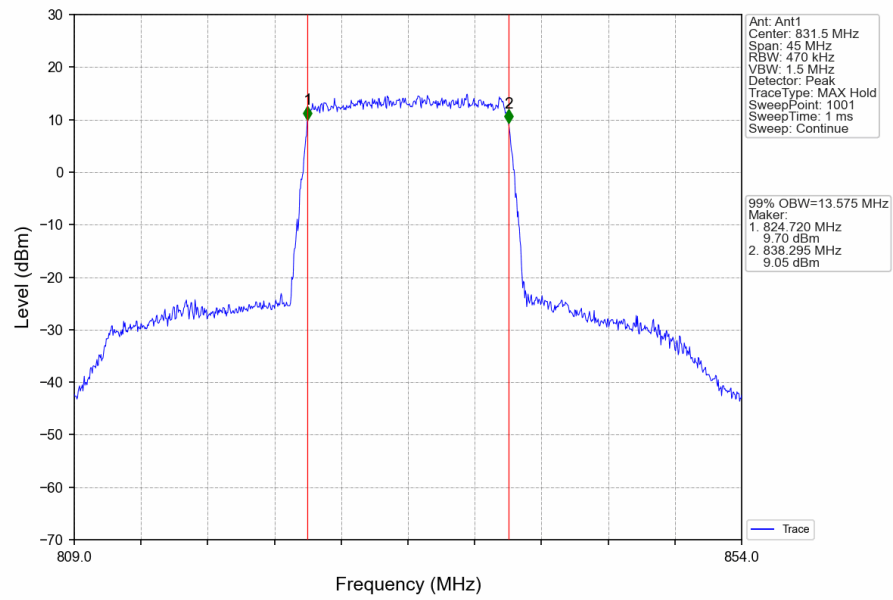
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



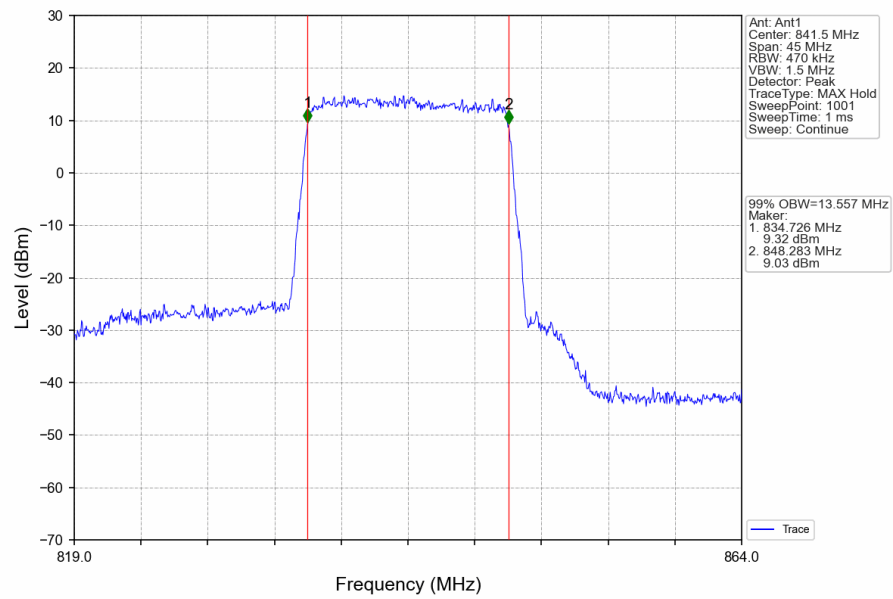
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV

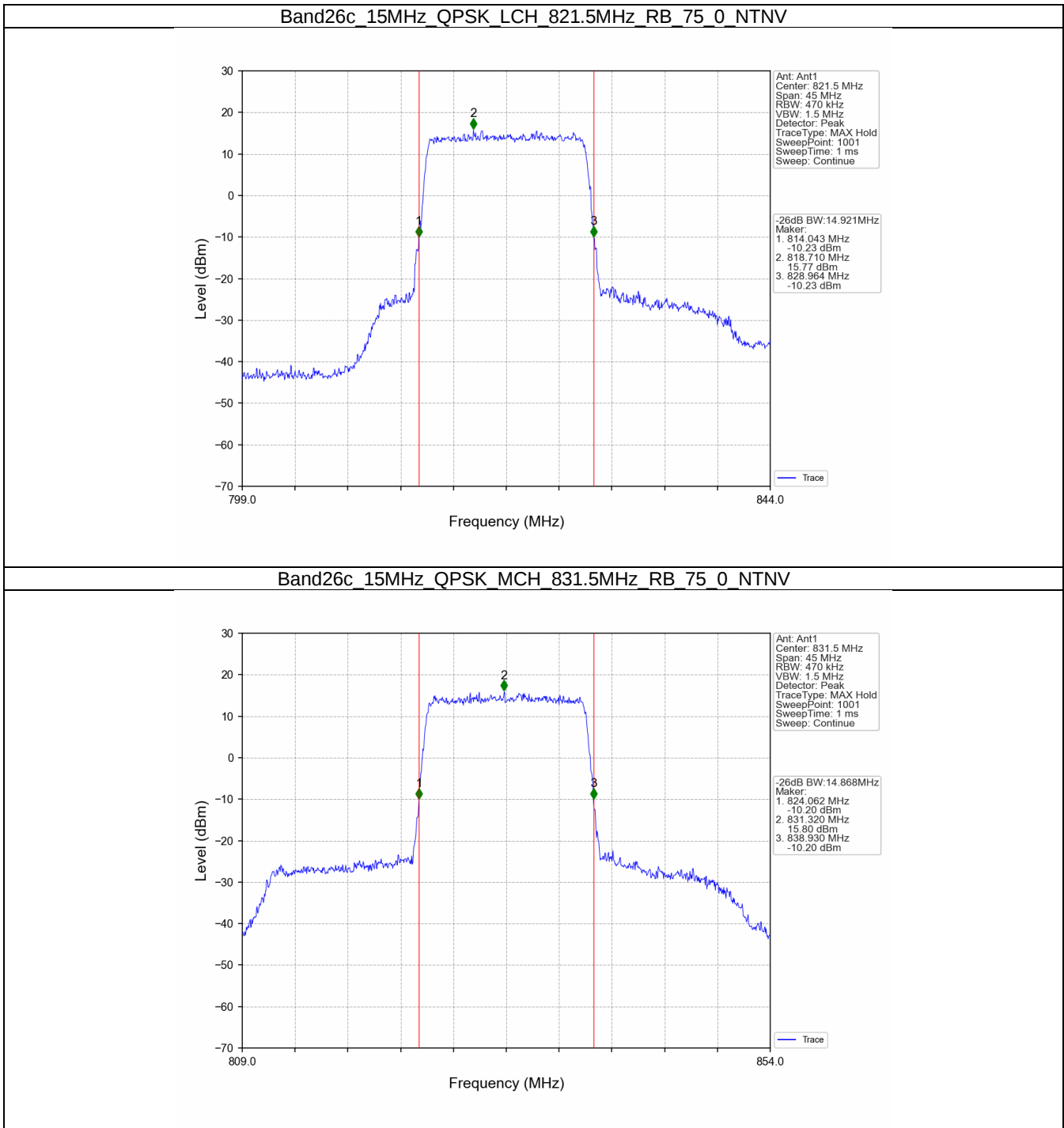


7.2 Band26c_XDB

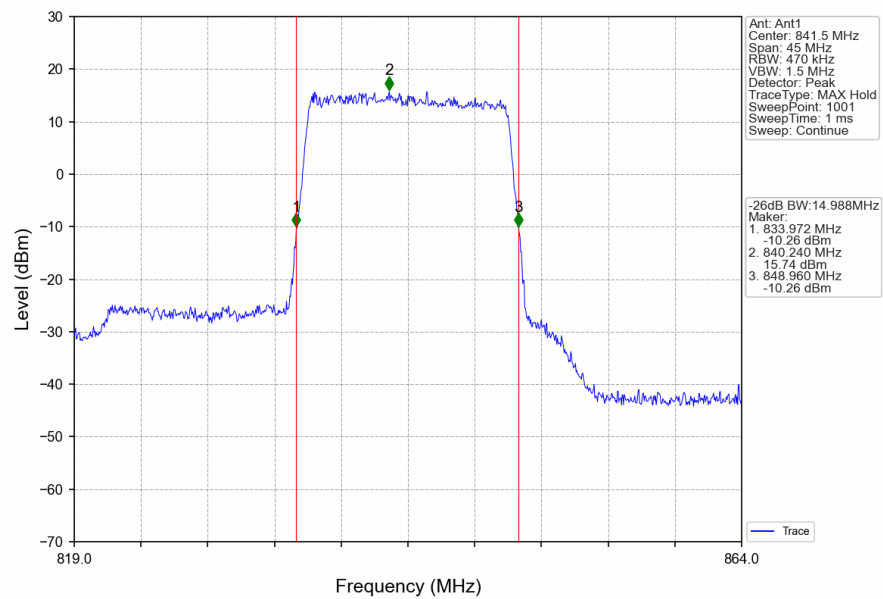
7.2.1 Test Result

Band: 26c / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	14.921	Pass
		831.5	75	0	14.868	Pass
		841.5	75	0	14.988	Pass
	16QAM	821.5	75	0	14.960	Pass
		831.5	75	0	15.051	Pass
		841.5	75	0	15.010	Pass

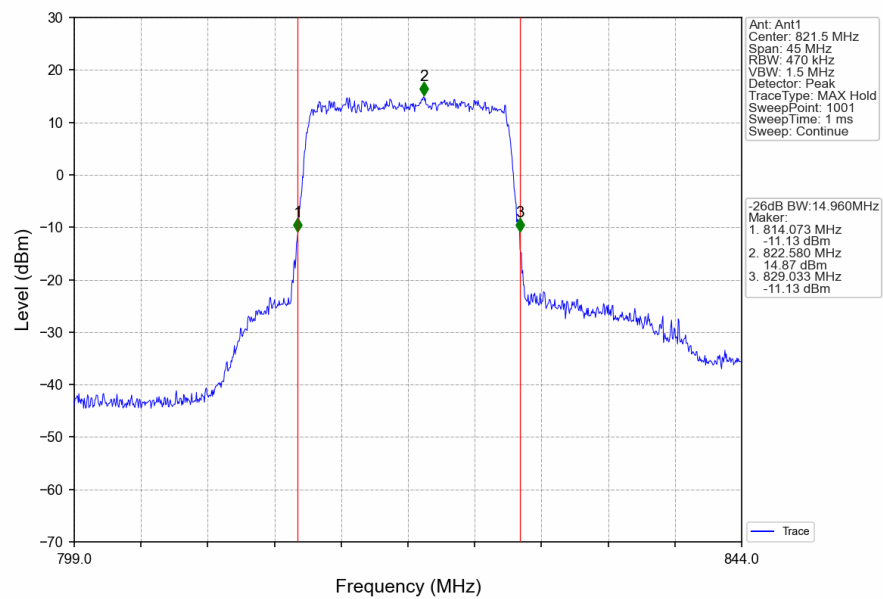
7.2.2 Test Graph



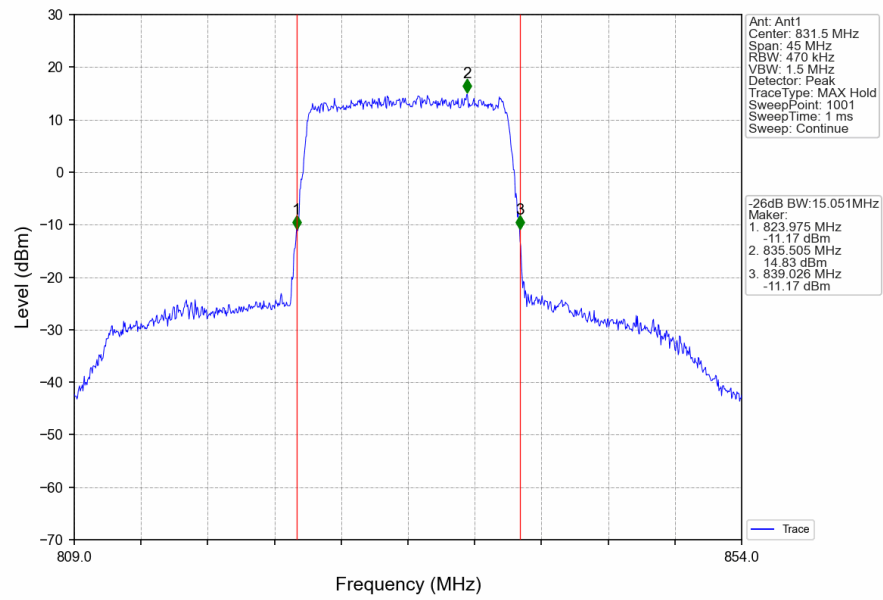
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



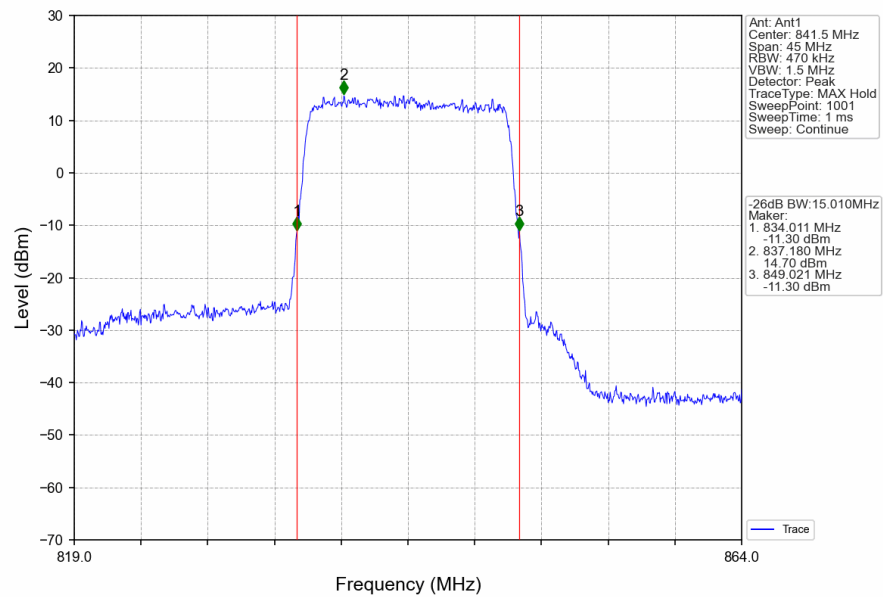
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



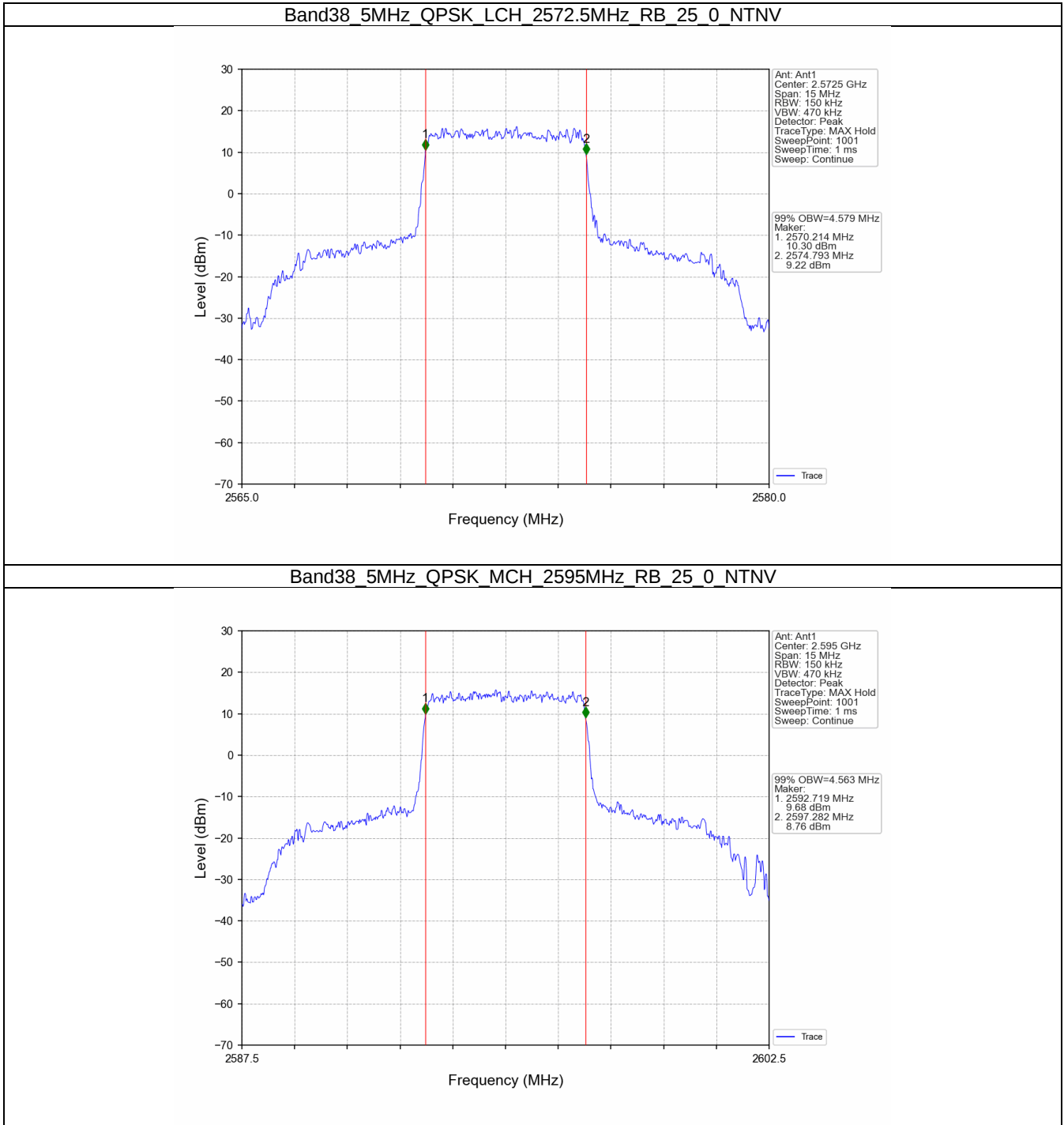
8. 99% & 26dB Bandwidth

8.1 Band38_OBW

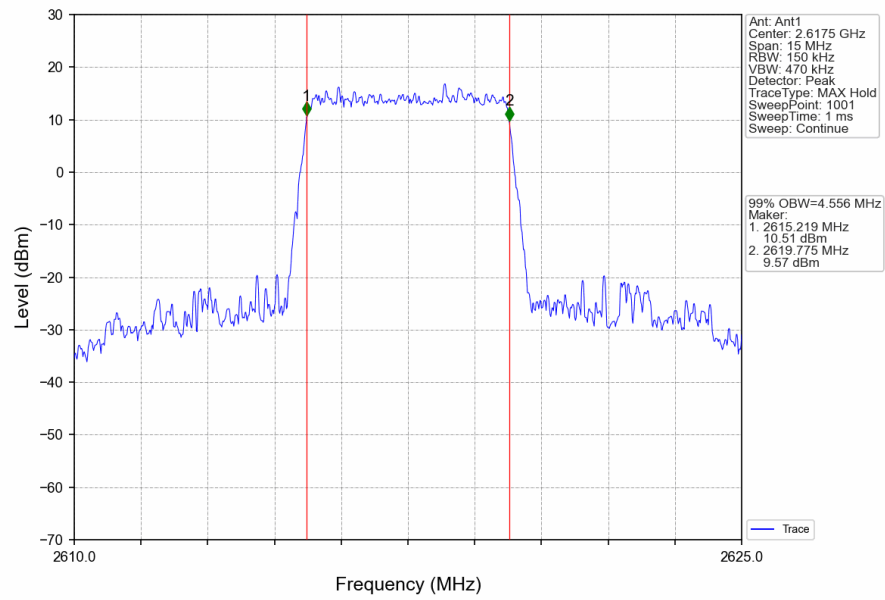
8.1.1 Test Result

Band: 38 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2572.5	25	0	4.579	Pass
		2595	25	0	4.563	Pass
		2617.5	25	0	4.556	Pass
	16QAM	2572.5	25	0	4.585	Pass
		2595	25	0	4.577	Pass
		2617.5	25	0	4.541	Pass
10	QPSK	2575	50	0	9.080	Pass
		2595	50	0	9.088	Pass
		2615	50	0	9.014	Pass
	16QAM	2575	50	0	9.115	Pass
		2595	50	0	9.059	Pass
		2615	50	0	9.015	Pass
15	QPSK	2577.5	75	0	13.696	Pass
		2595	75	0	13.585	Pass
		2612.5	75	0	13.533	Pass
	16QAM	2577.5	75	0	13.642	Pass
		2595	75	0	13.624	Pass
		2612.5	75	0	13.552	Pass
20	QPSK	2580	100	0	18.192	Pass
		2595	100	0	18.138	Pass
		2610	100	0	18.024	Pass
	16QAM	2580	100	0	18.210	Pass
		2595	100	0	18.149	Pass
		2610	100	0	17.974	Pass

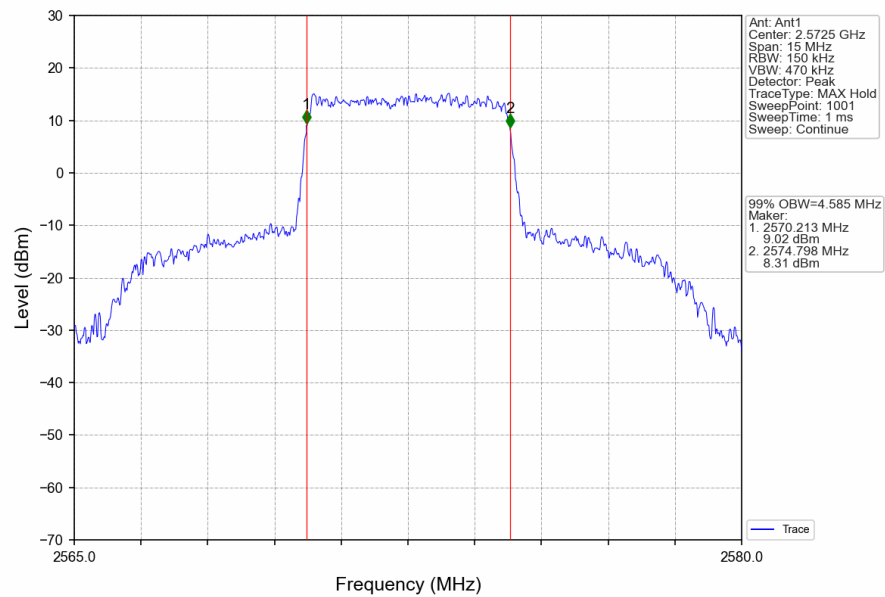
8.1.2 Test Graph



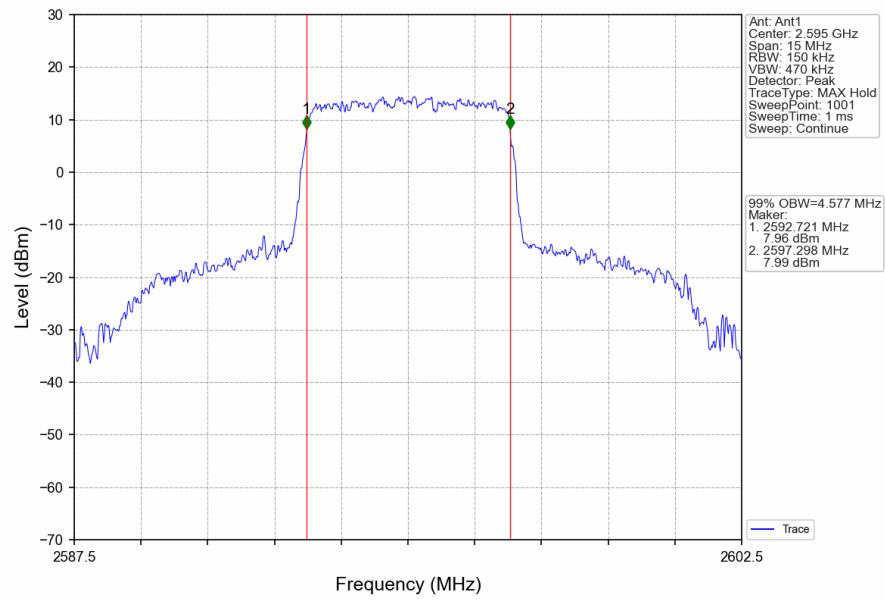
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



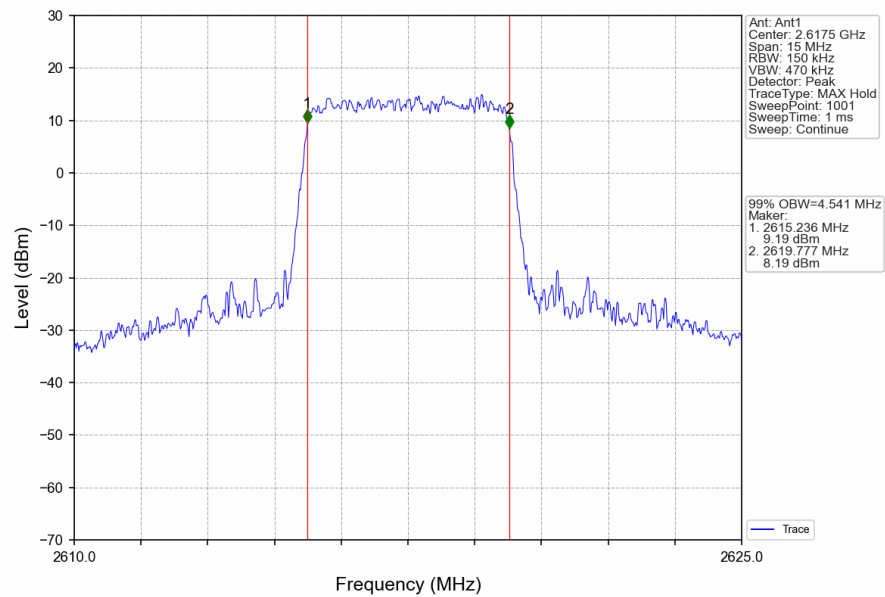
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



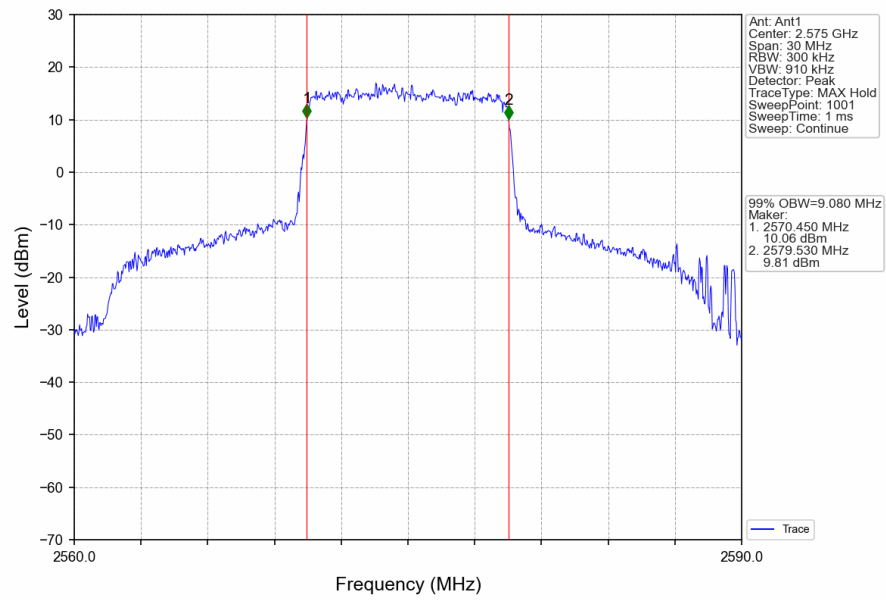
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



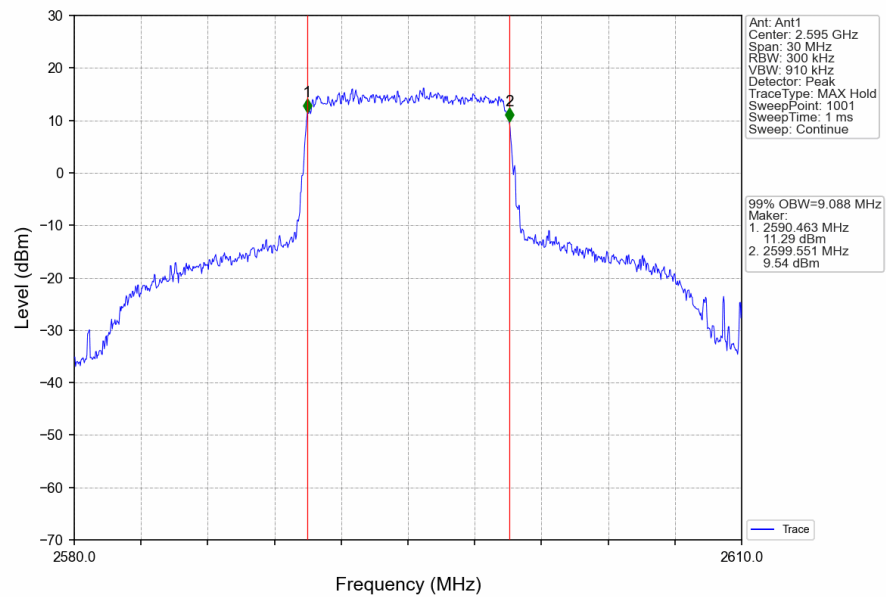
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



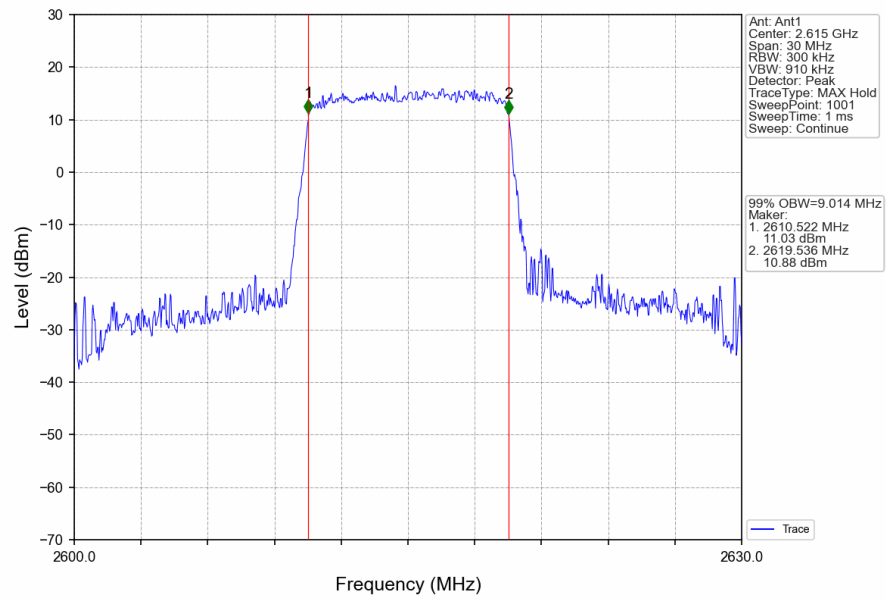
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



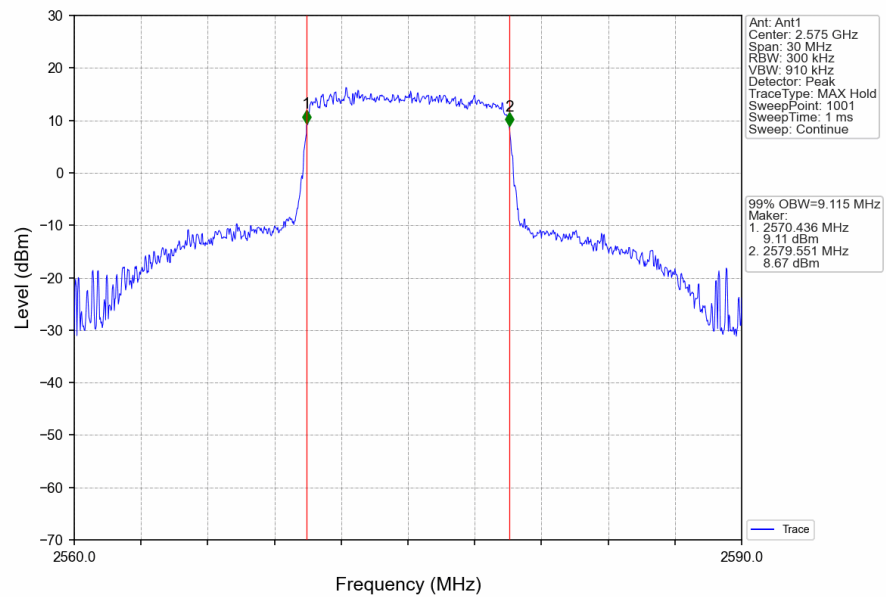
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



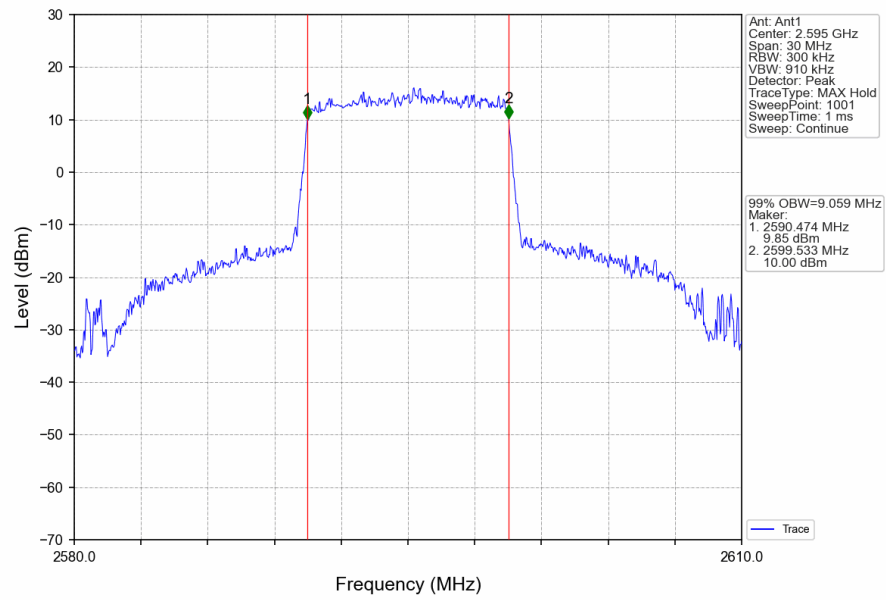
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



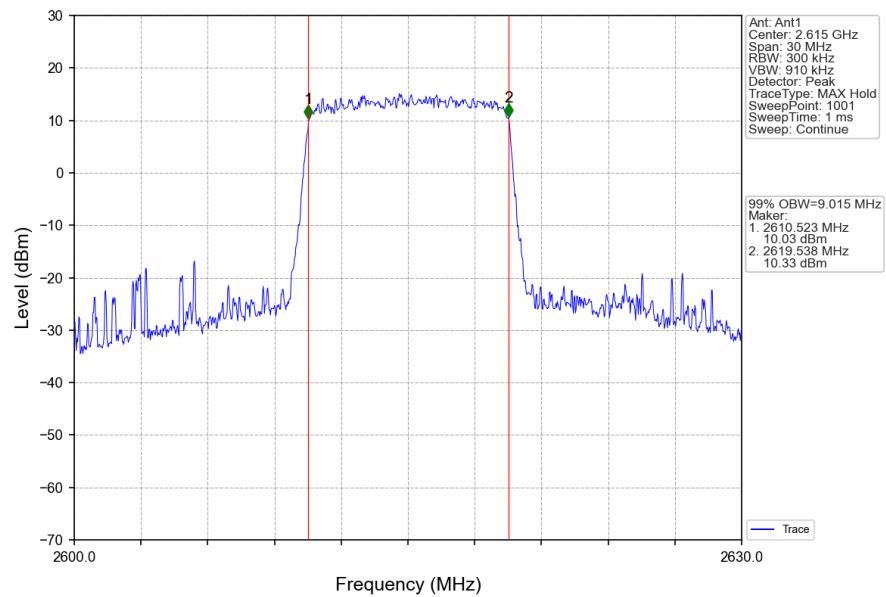
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



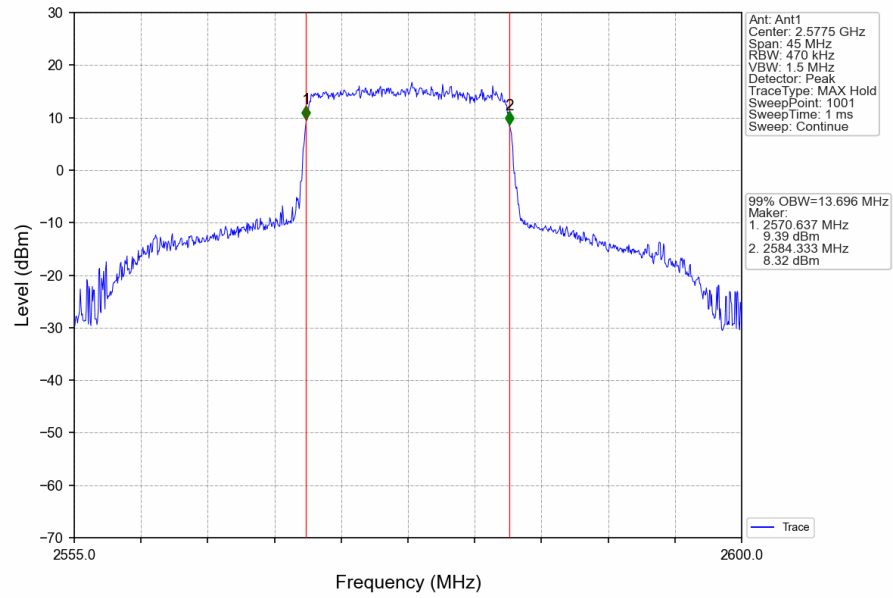
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



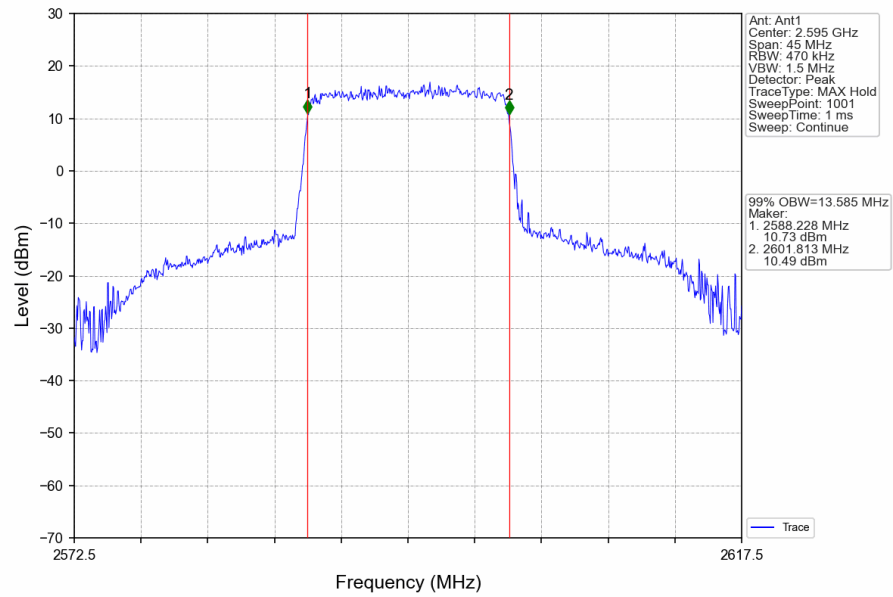
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



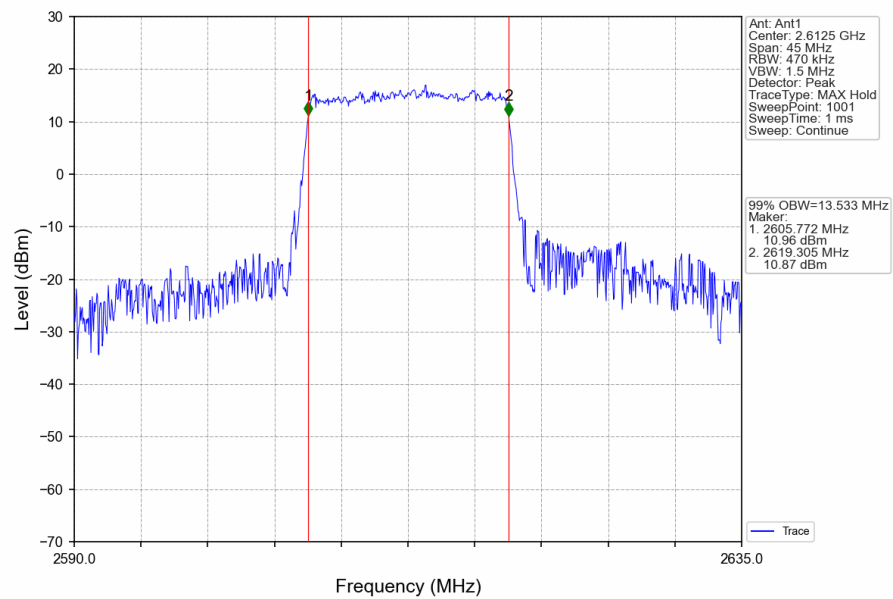
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



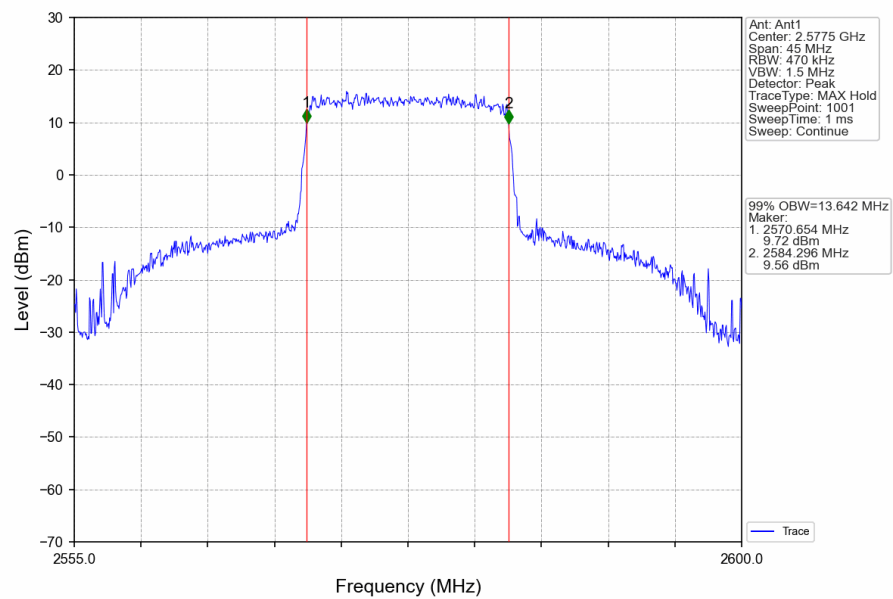
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



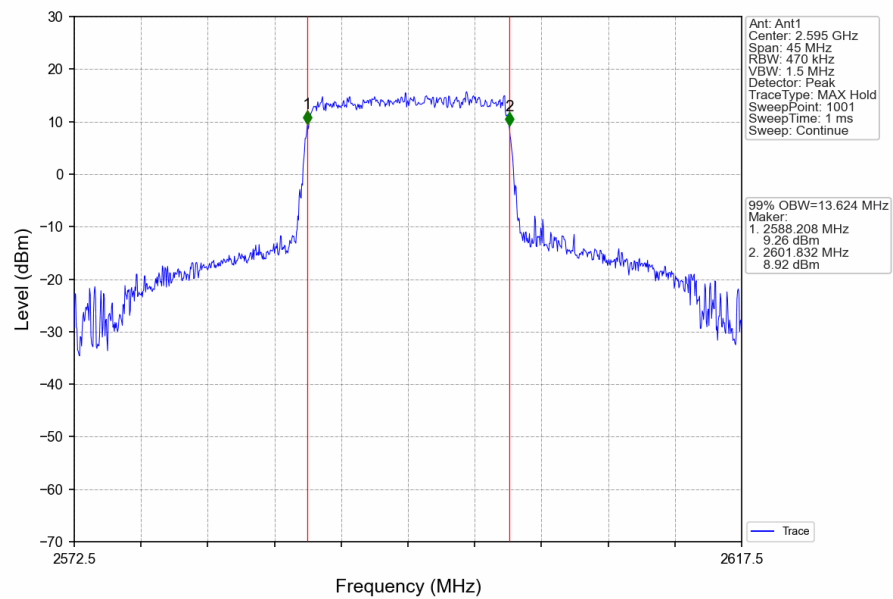
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



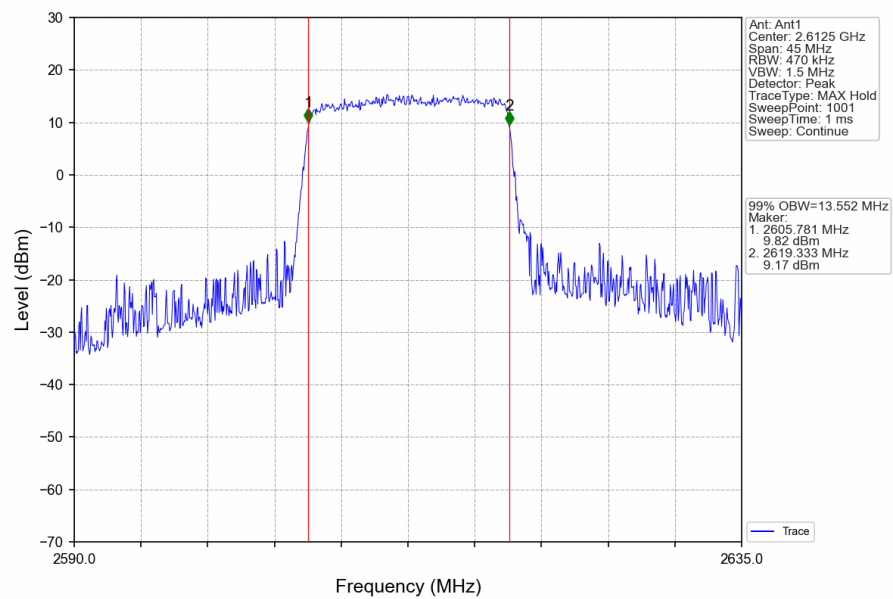
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



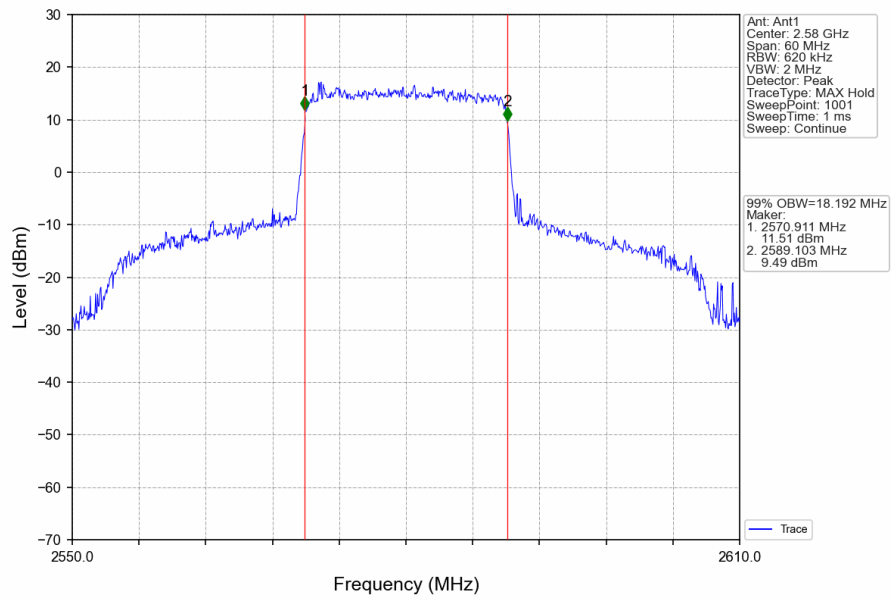
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



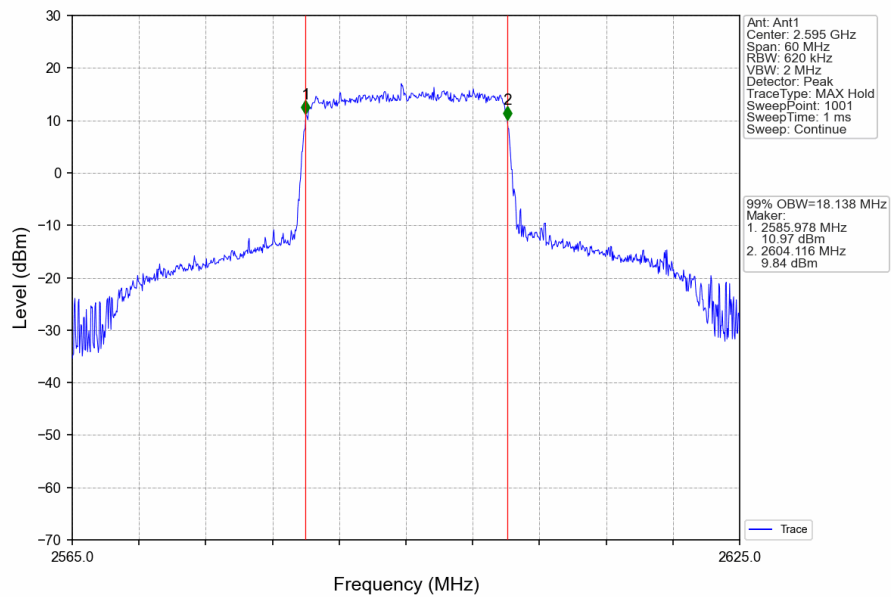
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



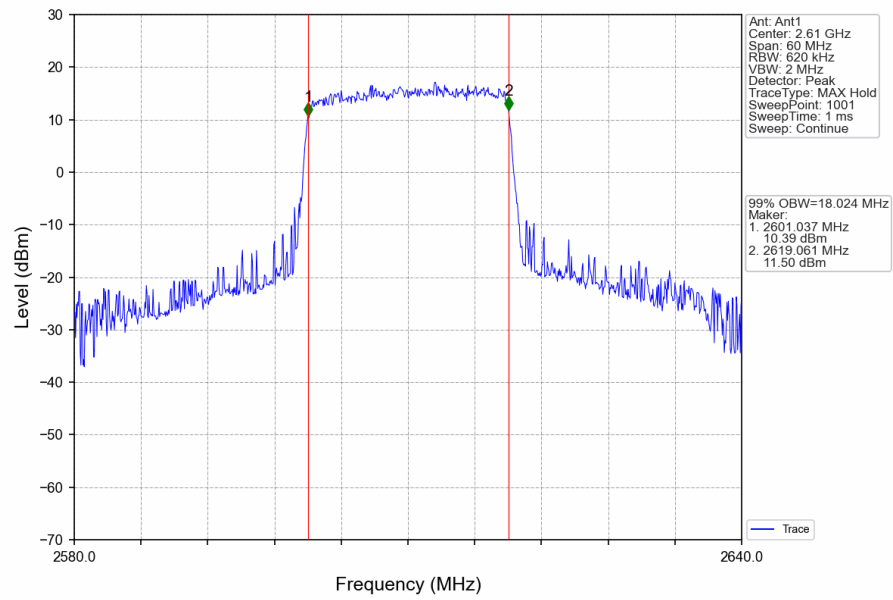
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



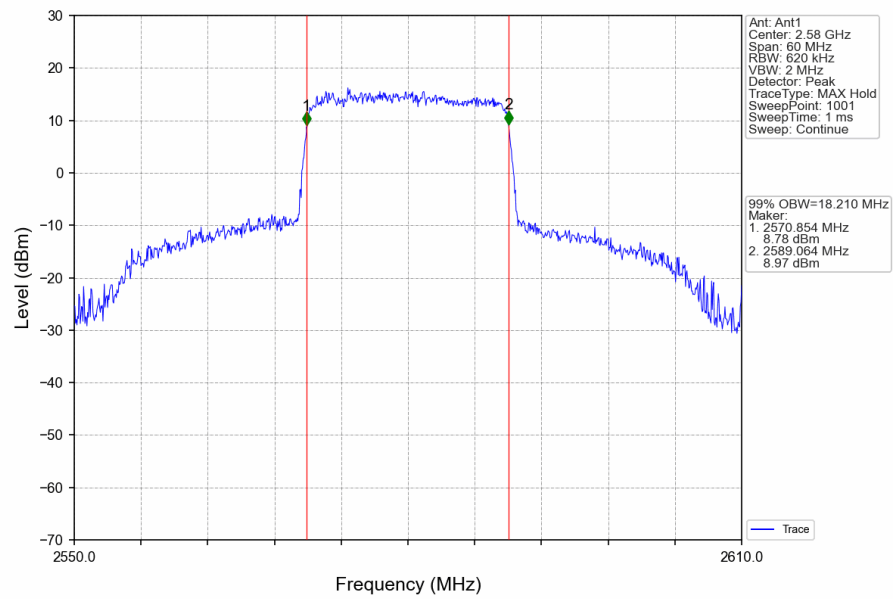
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



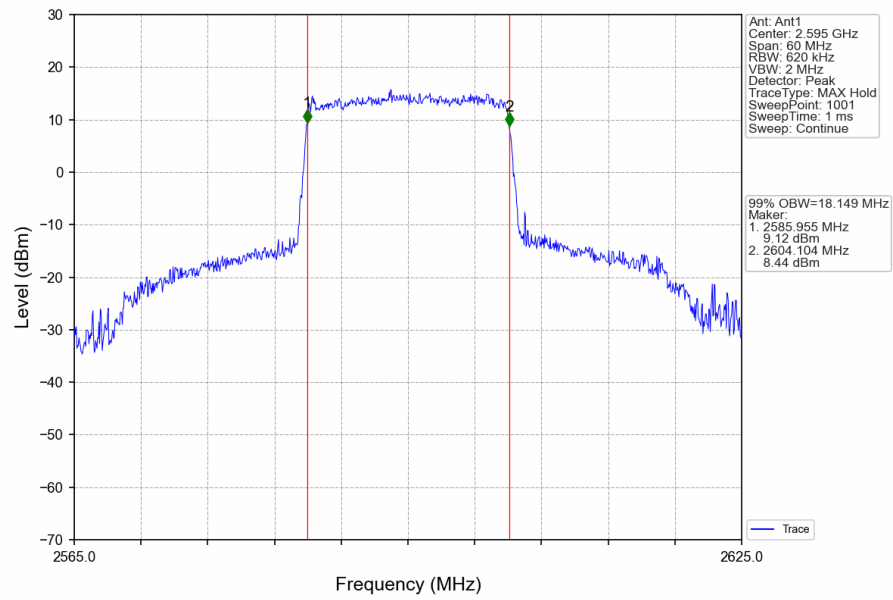
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTN



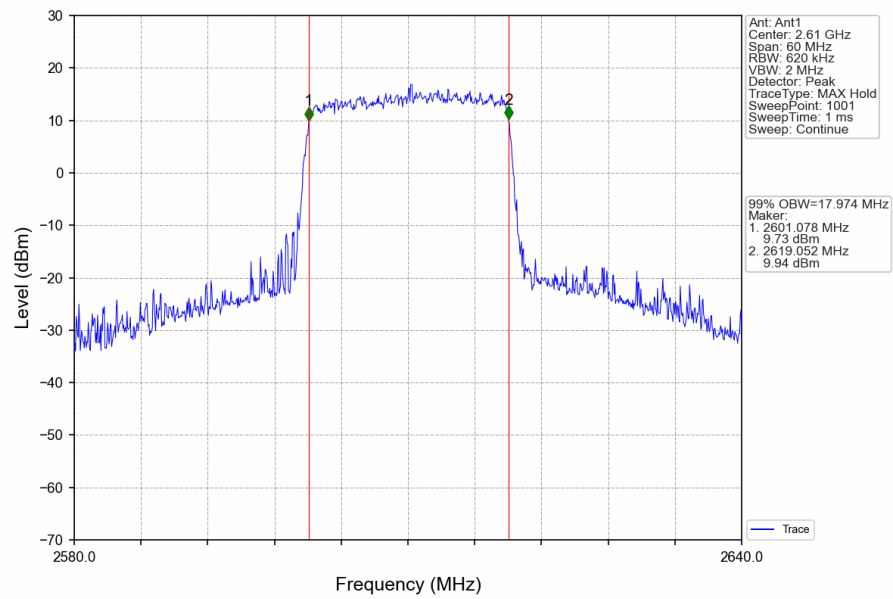
Band38 20MHz 16QAM LCH 2580MHz RB 100 0 NTN



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV

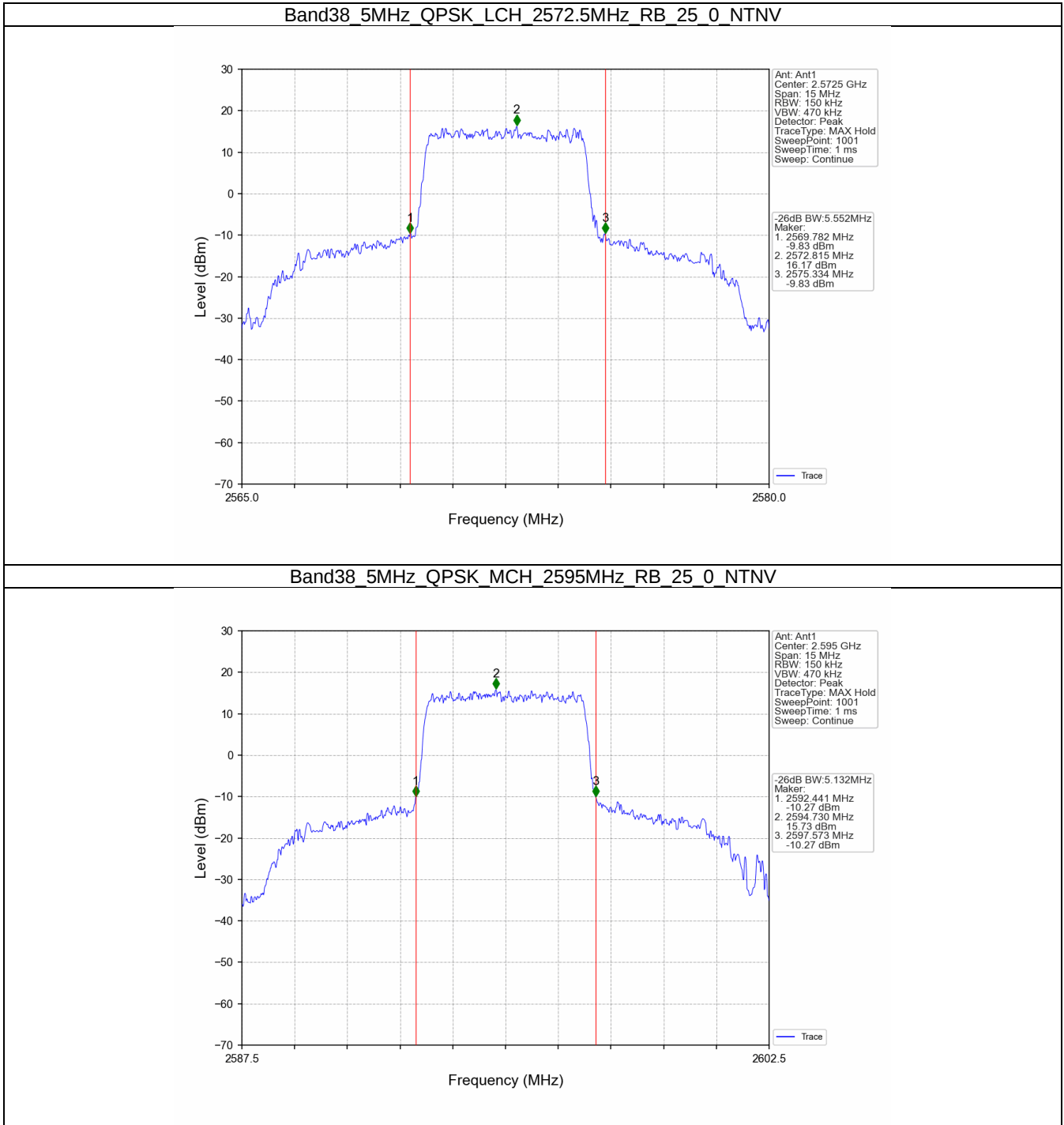


8.2 Band38_XDB

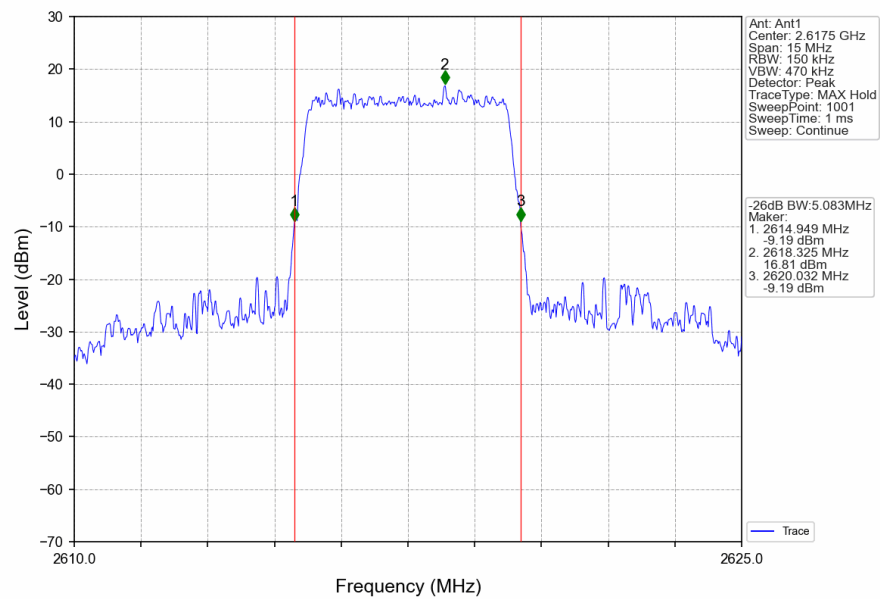
8.2.1 Test Result

Band: 38 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2572.5	25	0	5.552	Pass
		2595	25	0	5.132	Pass
		2617.5	25	0	5.083	Pass
	16QAM	2572.5	25	0	6.459	Pass
		2595	25	0	5.137	Pass
		2617.5	25	0	5.054	Pass
10	QPSK	2575	50	0	11.279	Pass
		2595	50	0	10.028	Pass
		2615	50	0	10.124	Pass
	16QAM	2575	50	0	12.977	Pass
		2595	50	0	9.974	Pass
		2615	50	0	9.905	Pass
15	QPSK	2577.5	75	0	17.608	Pass
		2595	75	0	15.675	Pass
		2612.5	75	0	15.621	Pass
	16QAM	2577.5	75	0	17.124	Pass
		2595	75	0	16.606	Pass
		2612.5	75	0	15.292	Pass
20	QPSK	2580	100	0	23.859	Pass
		2595	100	0	20.121	Pass
		2610	100	0	20.161	Pass
	16QAM	2580	100	0	26.330	Pass
		2595	100	0	20.427	Pass
		2610	100	0	19.752	Pass

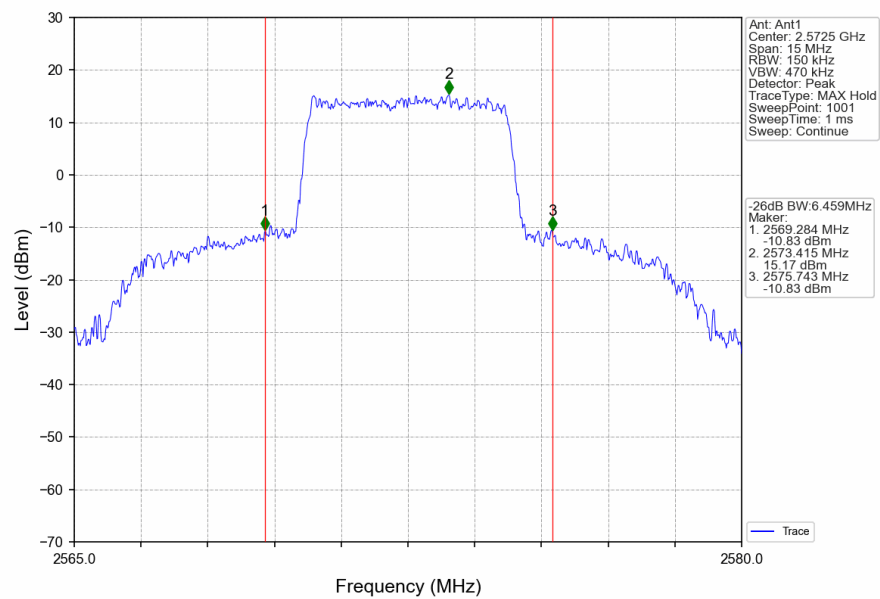
8.2.2 Test Graph



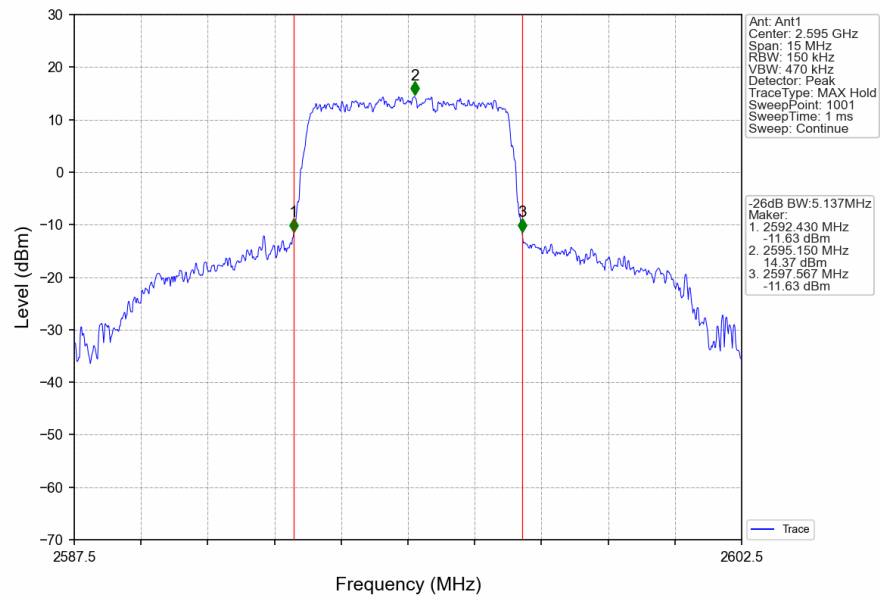
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



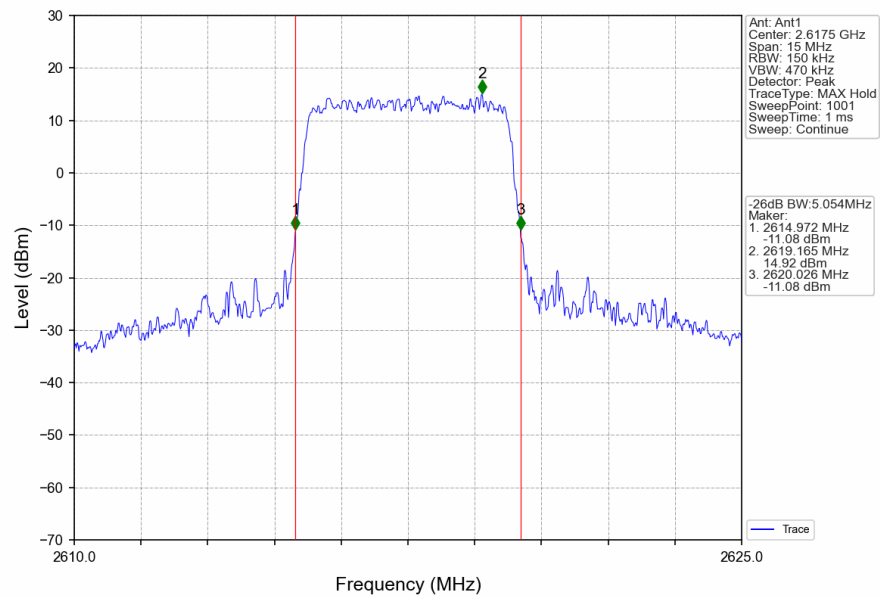
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



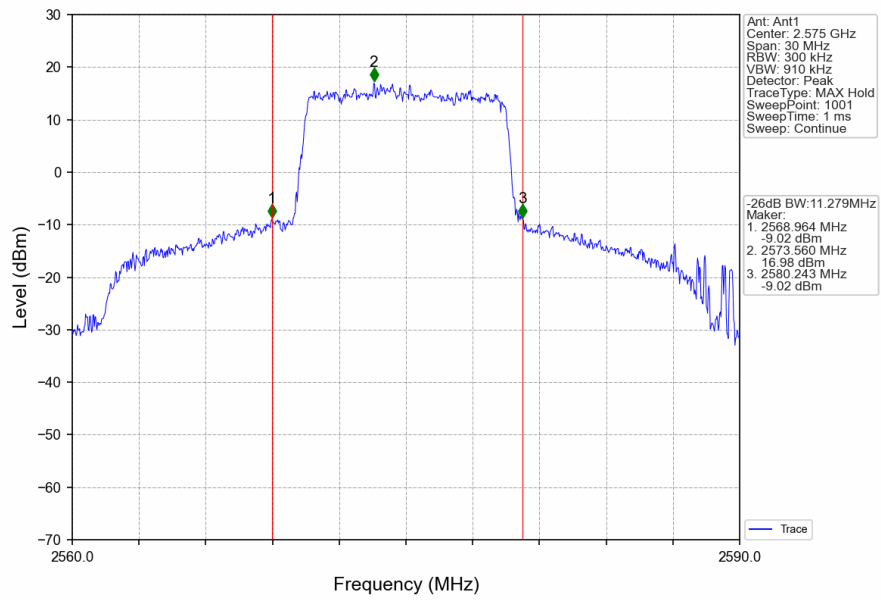
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



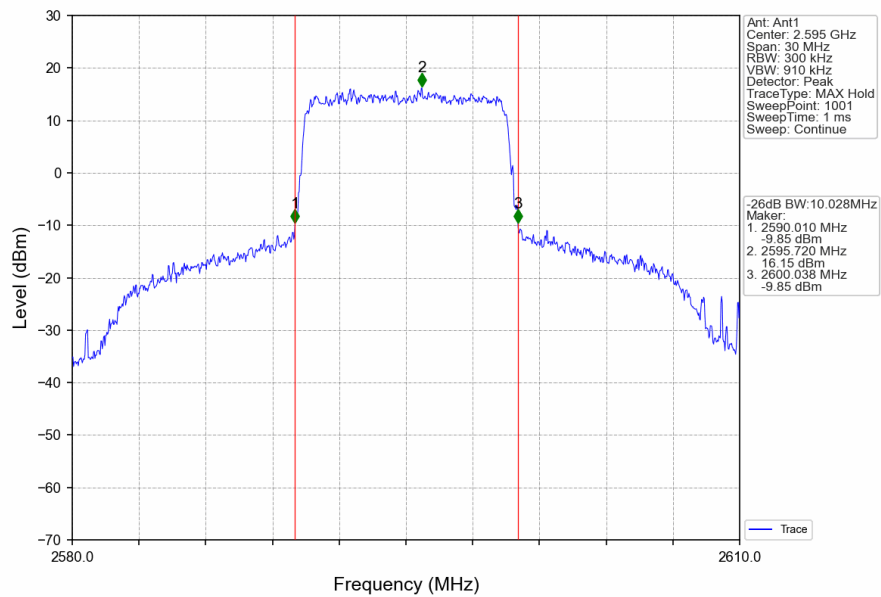
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



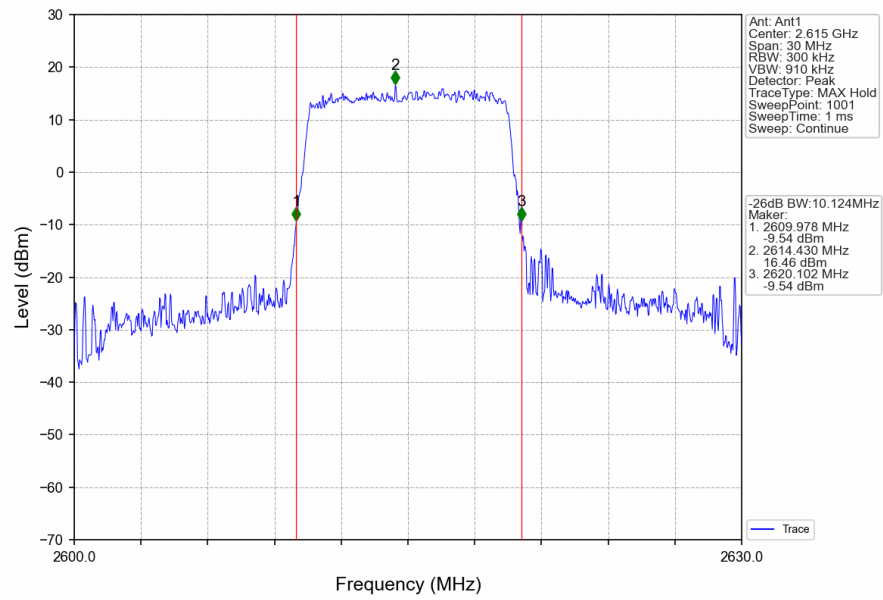
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



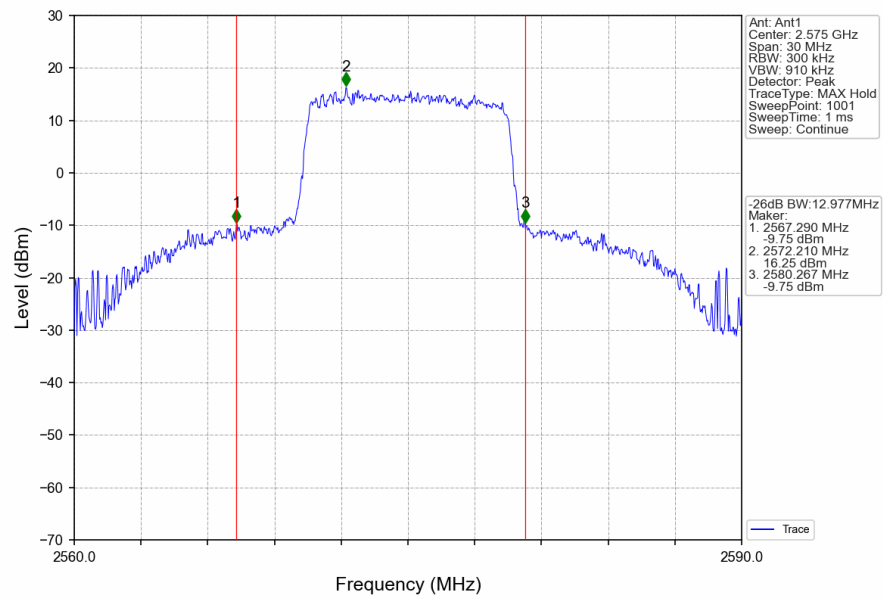
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



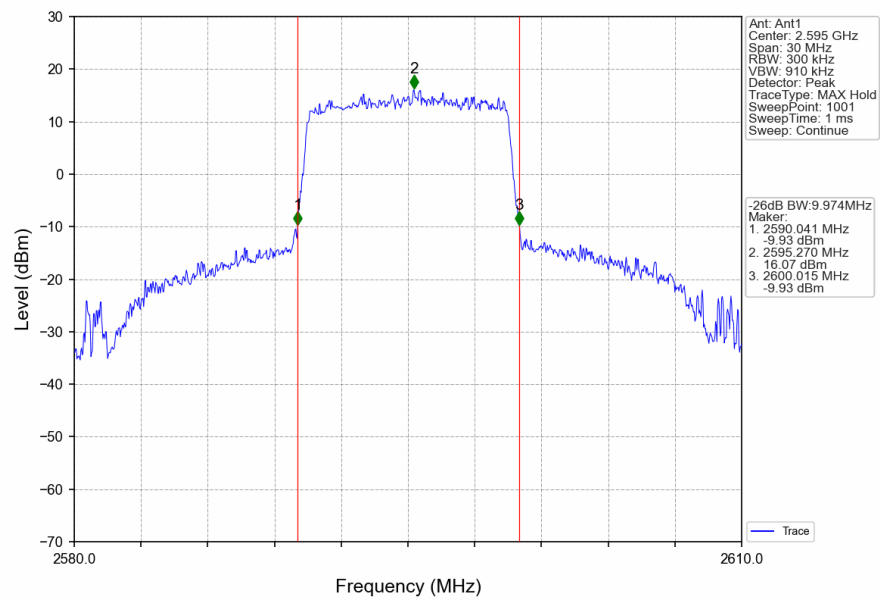
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



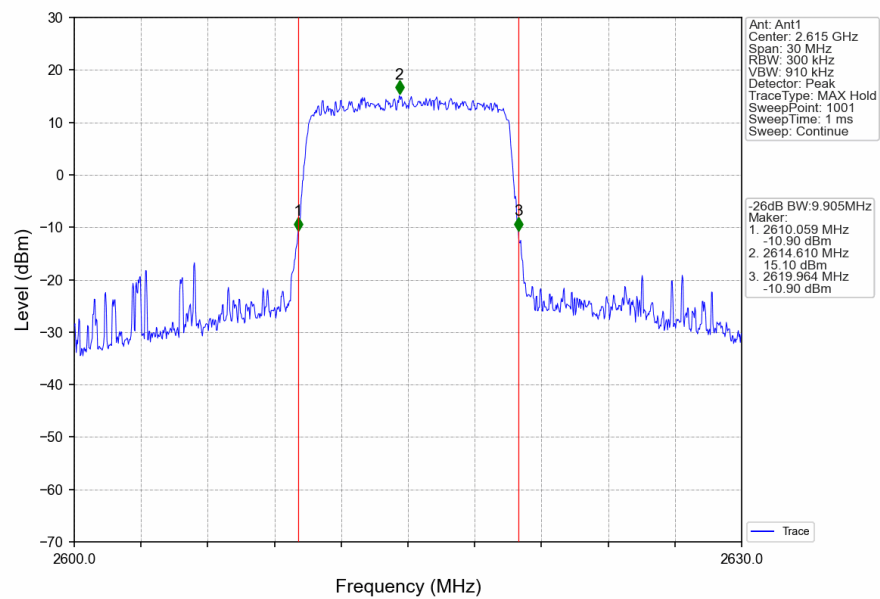
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



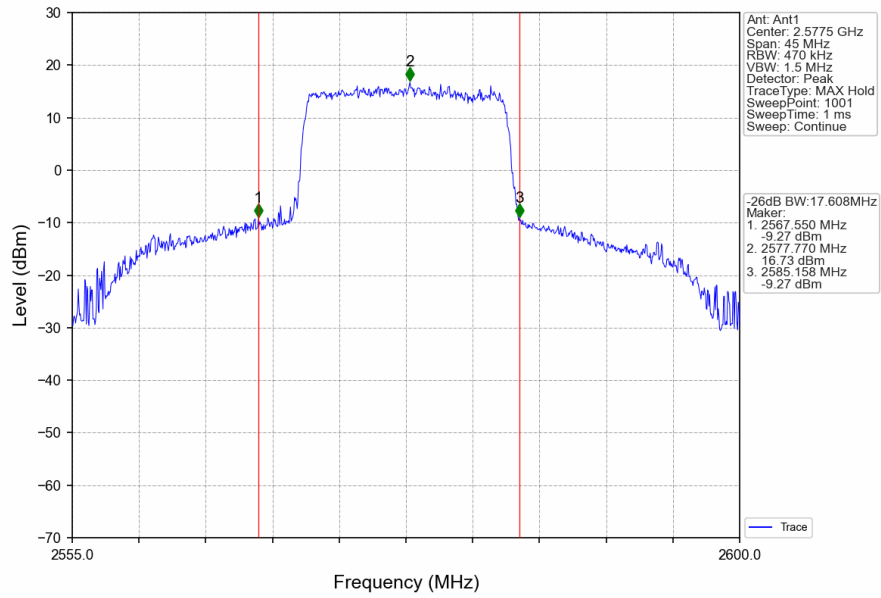
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



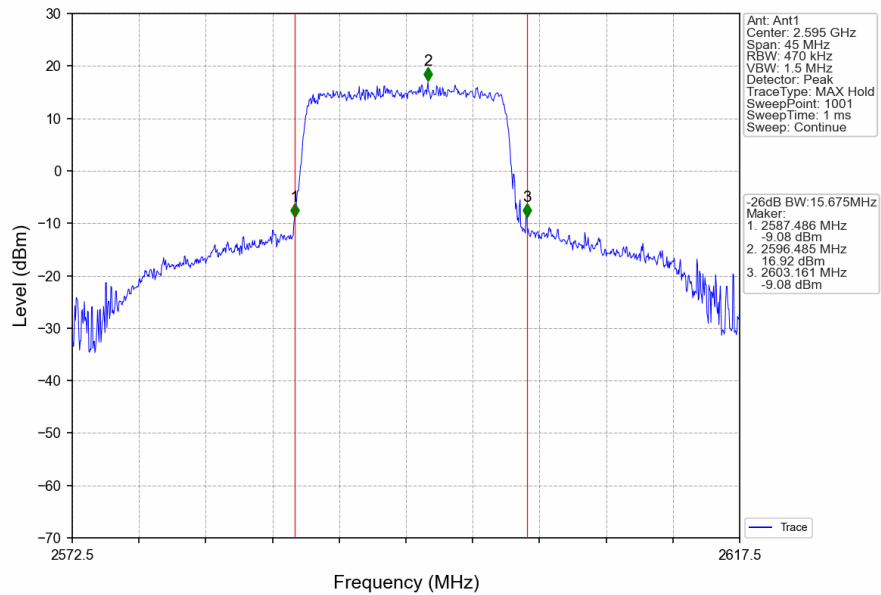
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



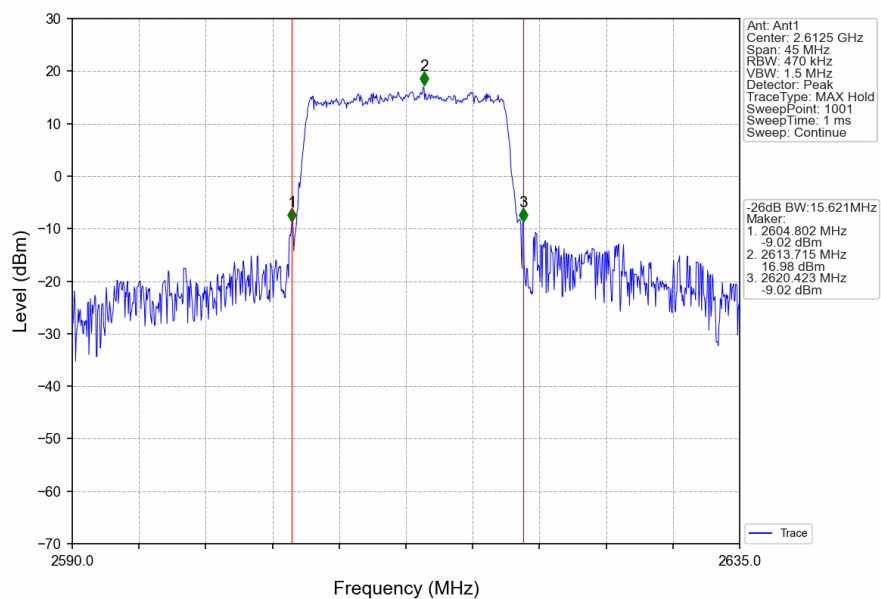
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



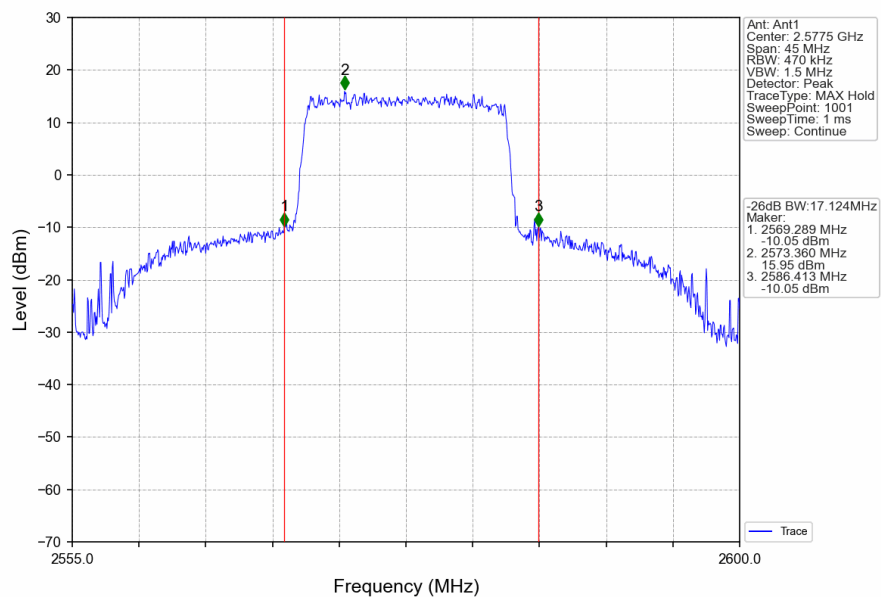
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



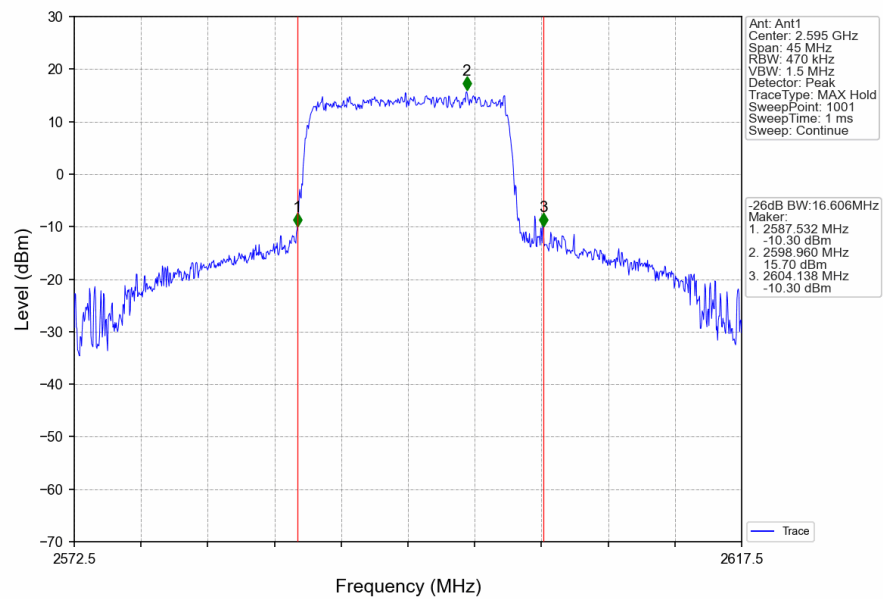
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



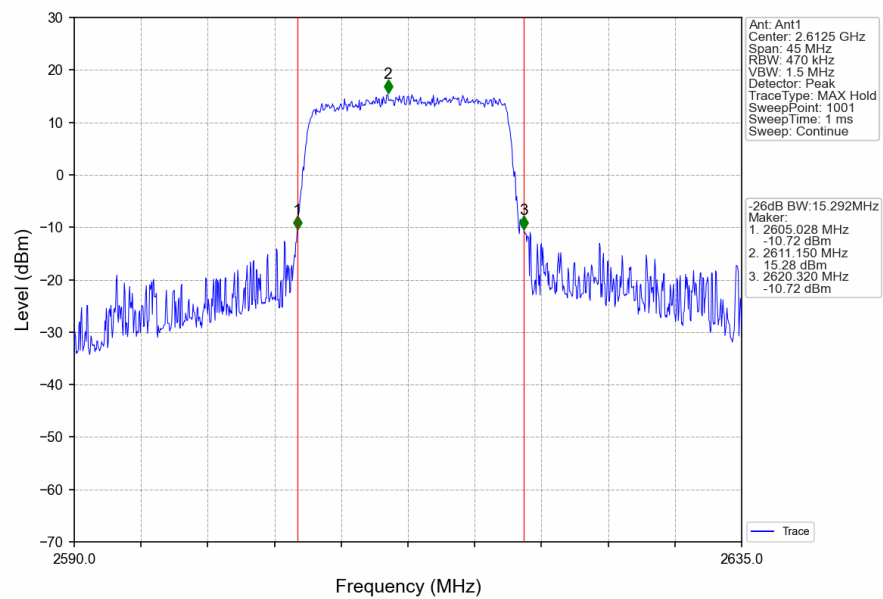
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



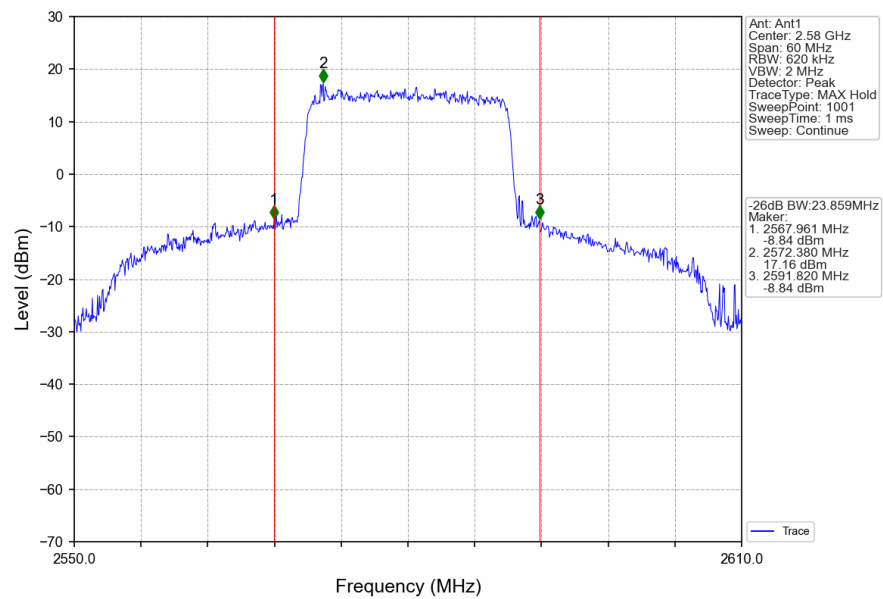
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



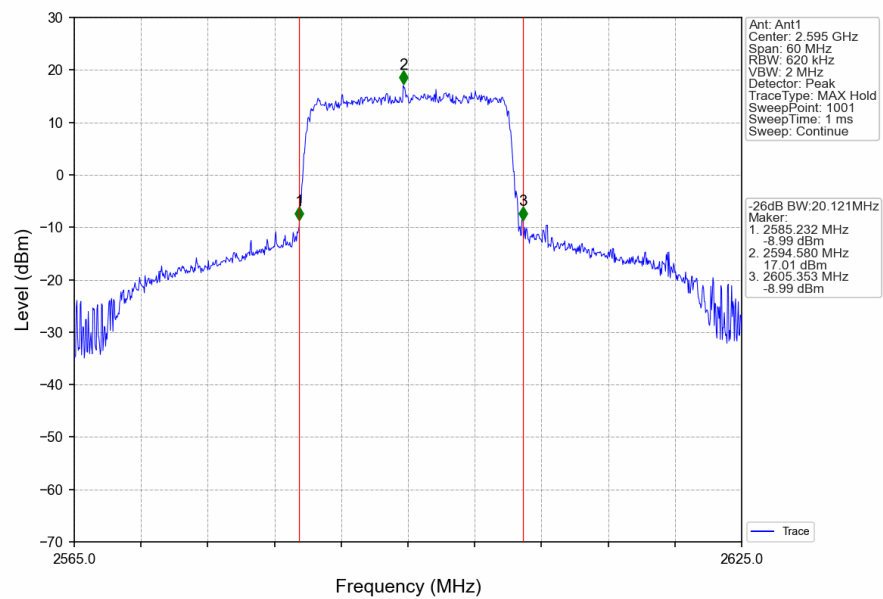
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



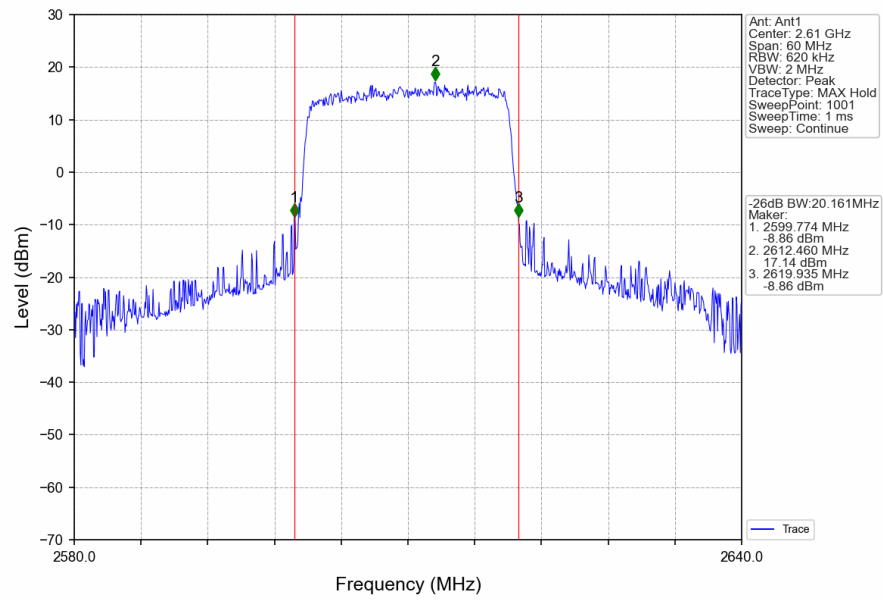
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



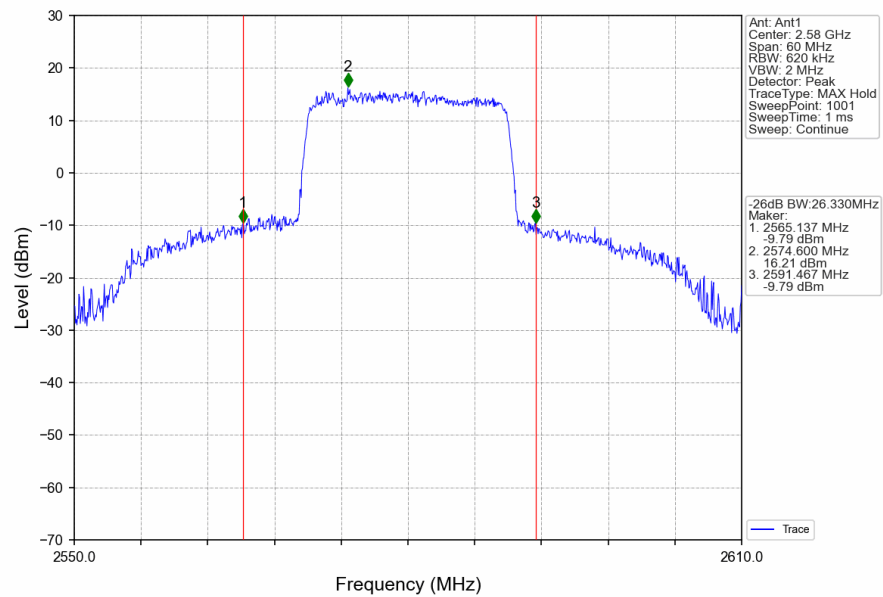
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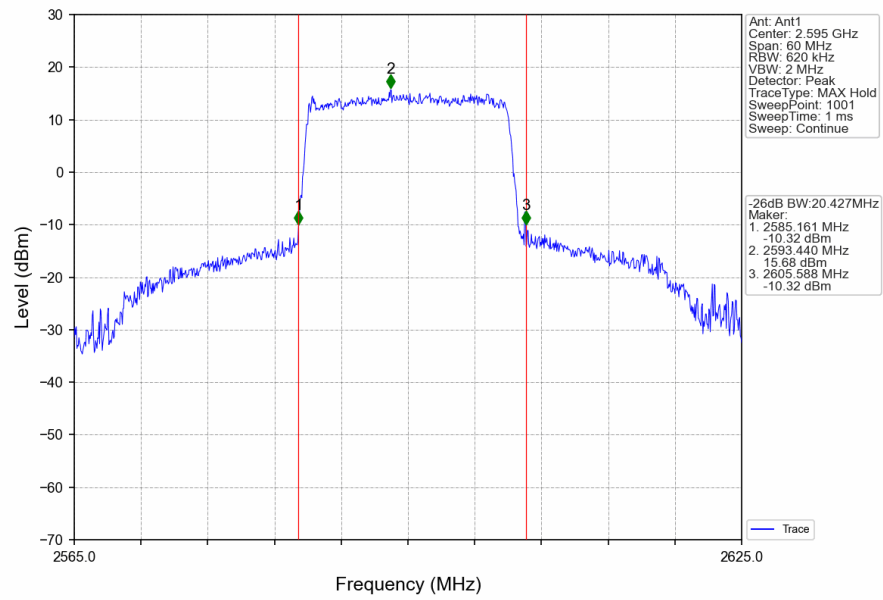
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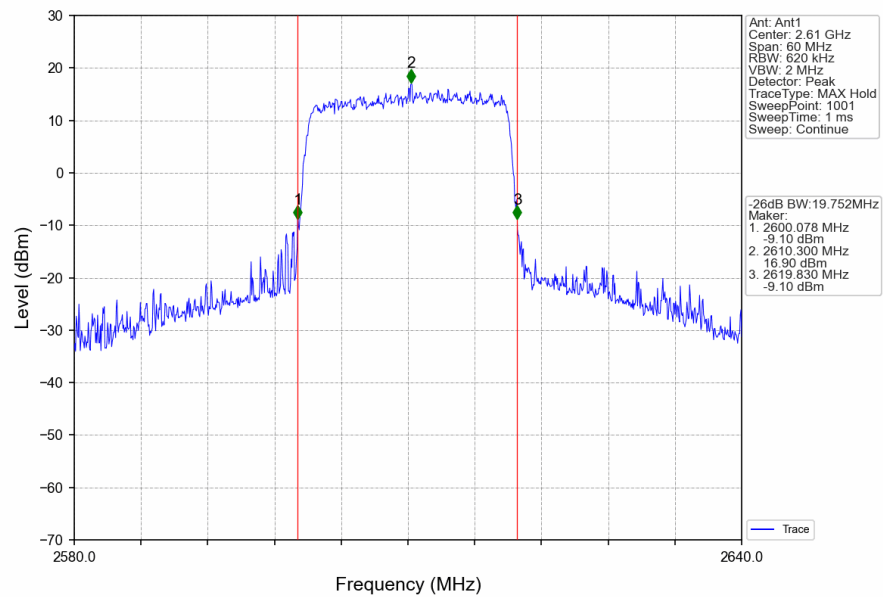
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



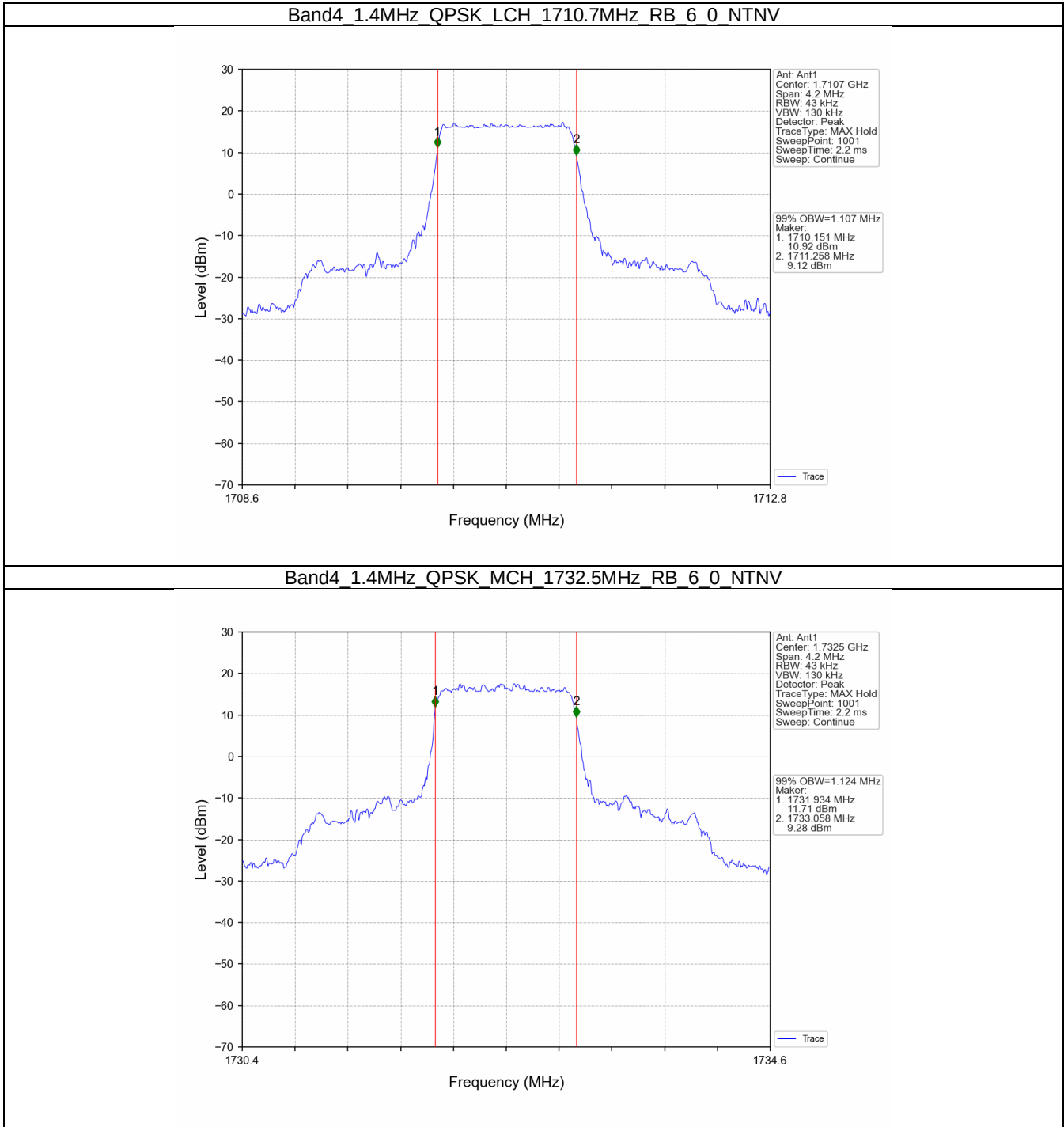
9. 99% & 26dB Bandwidth

9.1 Band4_OBW

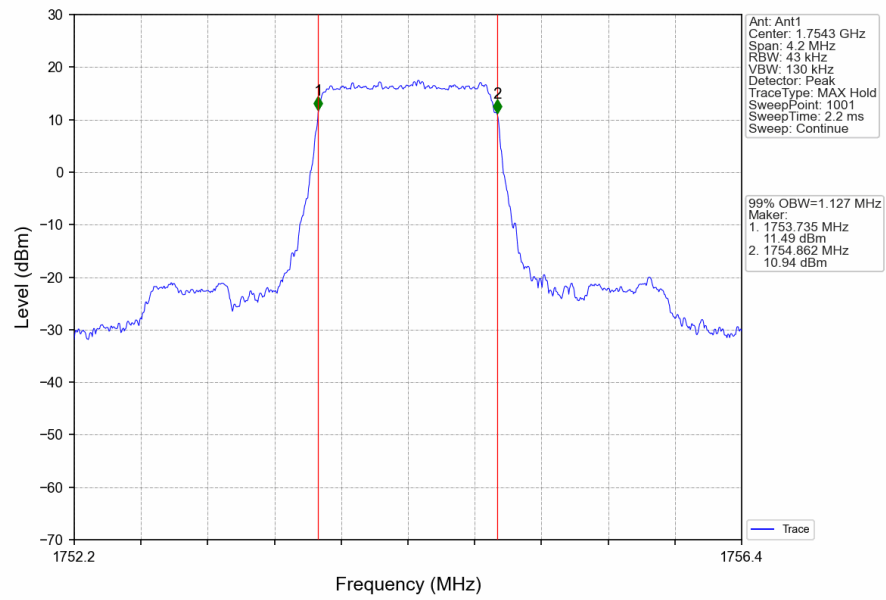
9.1.1 Test Result

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	1.107	Pass
		1732.5	6	0	1.124	Pass
		1754.3	6	0	1.127	Pass
	16QAM	1710.7	6	0	1.125	Pass
		1732.5	6	0	1.119	Pass
		1754.3	6	0	1.122	Pass
3	QPSK	1711.5	15	0	2.749	Pass
		1732.5	15	0	2.765	Pass
		1753.5	15	0	2.754	Pass
	16QAM	1711.5	15	0	2.744	Pass
		1732.5	15	0	2.758	Pass
		1753.5	15	0	2.739	Pass
5	QPSK	1712.5	25	0	4.570	Pass
		1732.5	25	0	4.572	Pass
		1752.5	25	0	4.555	Pass
	16QAM	1712.5	25	0	4.566	Pass
		1732.5	25	0	4.595	Pass
		1752.5	25	0	4.571	Pass
10	QPSK	1715	50	0	9.061	Pass
		1732.5	50	0	9.064	Pass
		1750	50	0	9.021	Pass
	16QAM	1715	50	0	9.074	Pass
		1732.5	50	0	9.054	Pass
		1750	50	0	9.032	Pass
15	QPSK	1717.5	75	0	13.586	Pass
		1732.5	75	0	13.631	Pass
		1747.5	75	0	13.533	Pass
	16QAM	1717.5	75	0	13.579	Pass
		1732.5	75	0	13.640	Pass
		1747.5	75	0	13.564	Pass
20	QPSK	1720	100	0	18.090	Pass
		1732.5	100	0	18.130	Pass
		1745	100	0	18.119	Pass
	16QAM	1720	100	0	18.074	Pass
		1732.5	100	0	18.163	Pass
		1745	100	0	18.098	Pass

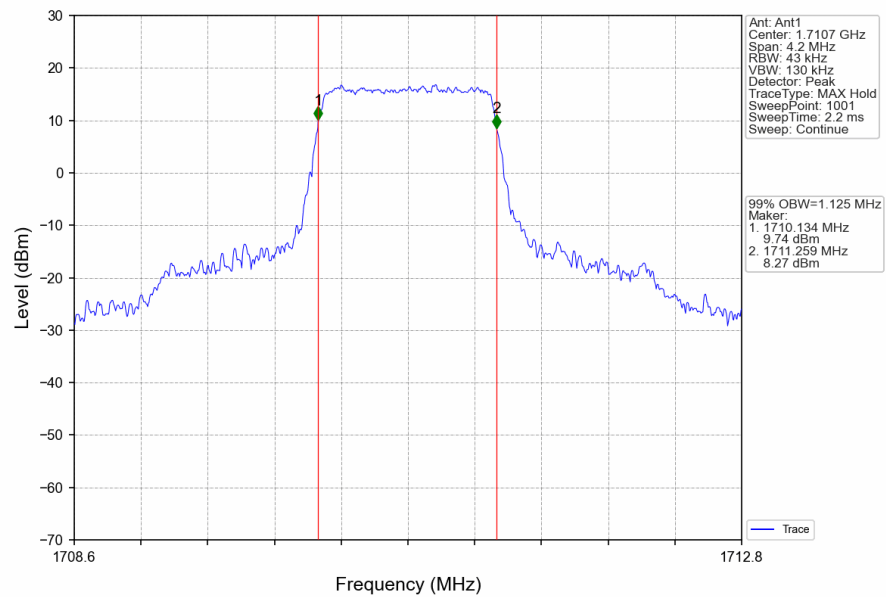
9.1.2 Test Graph



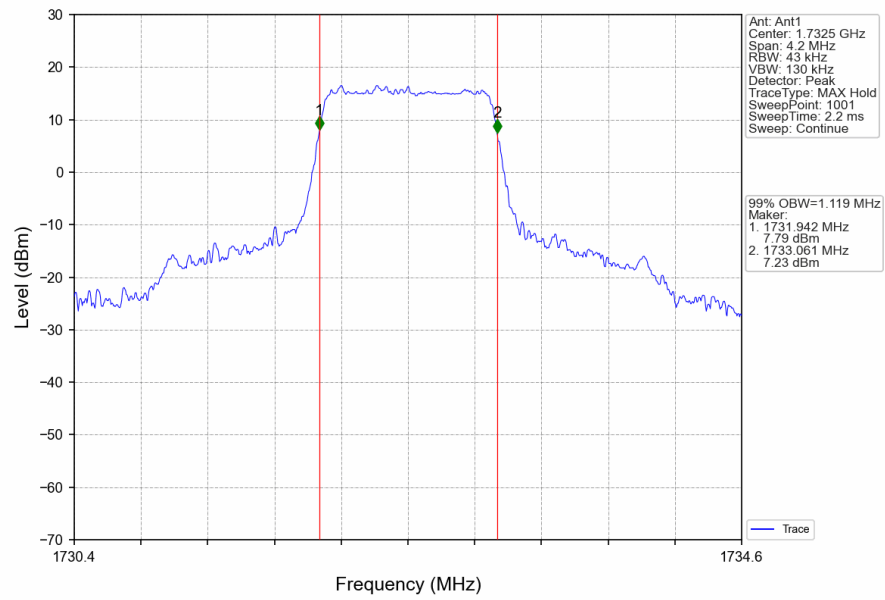
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



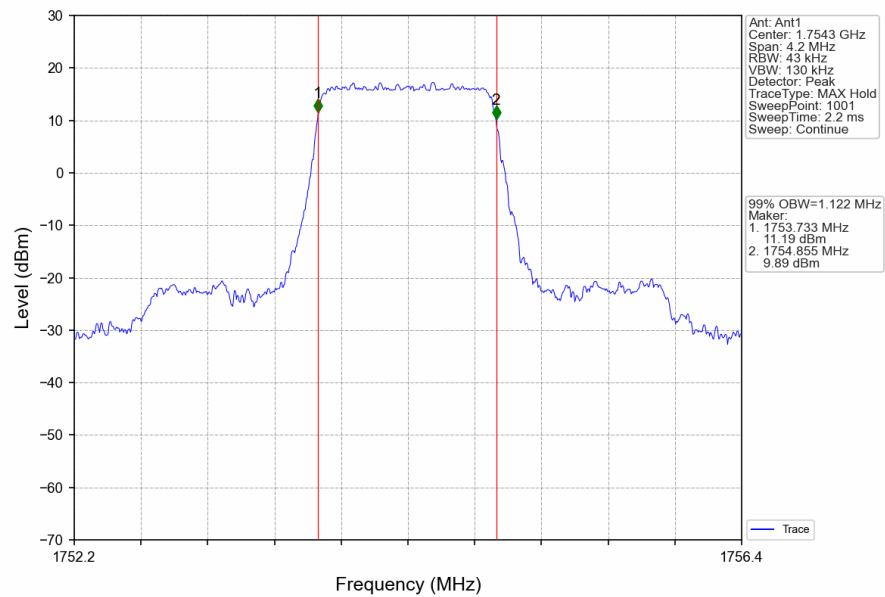
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



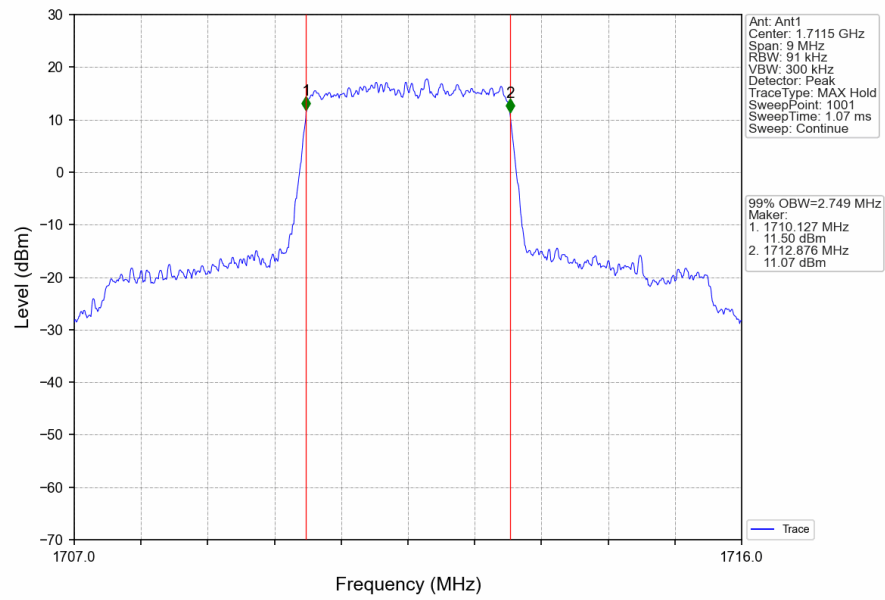
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



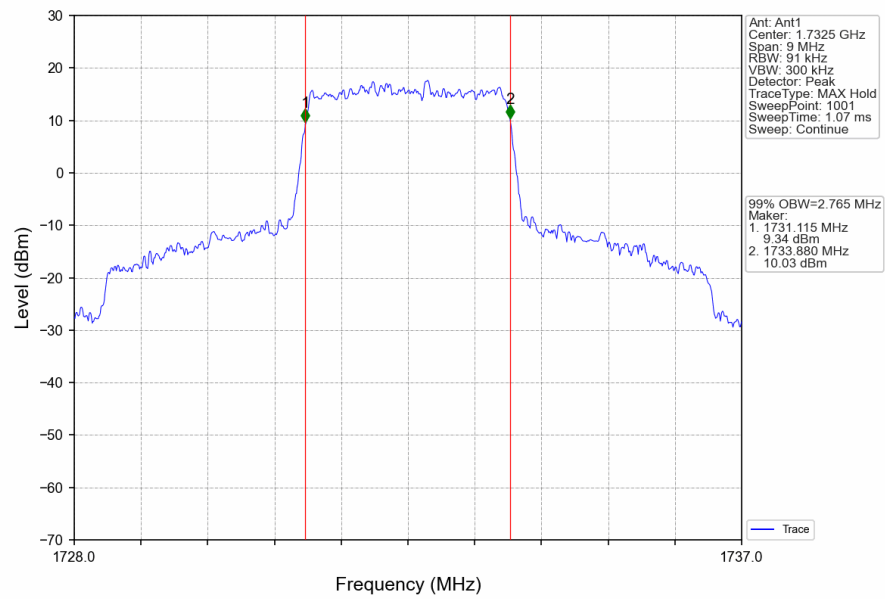
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



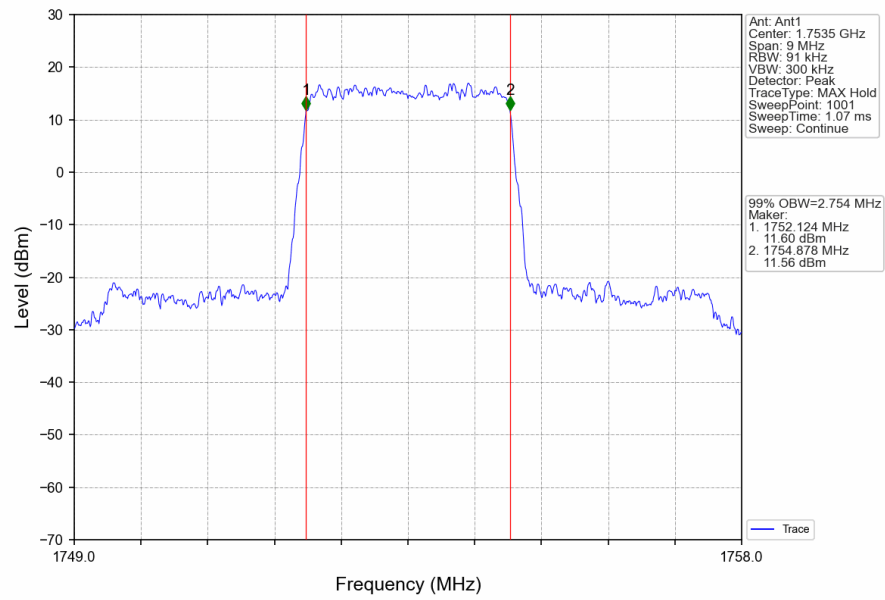
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



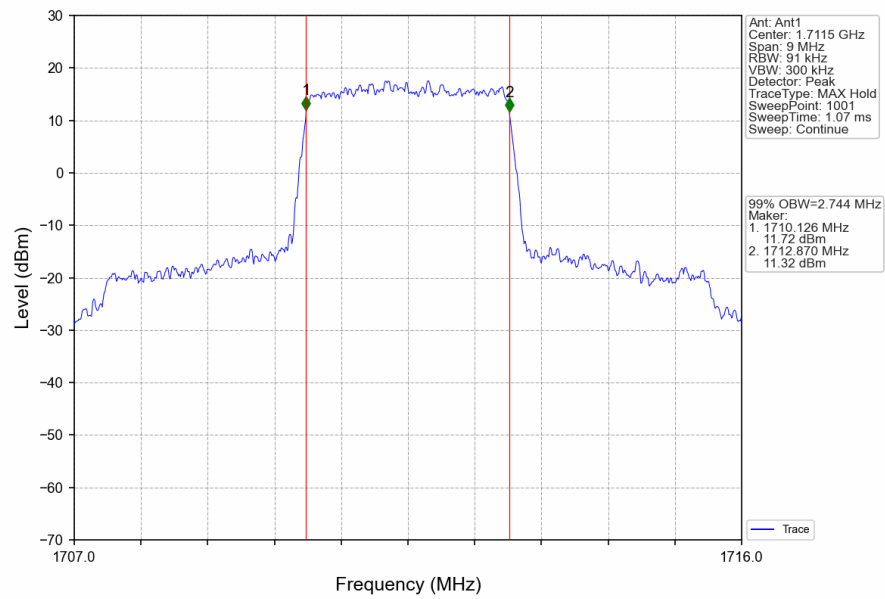
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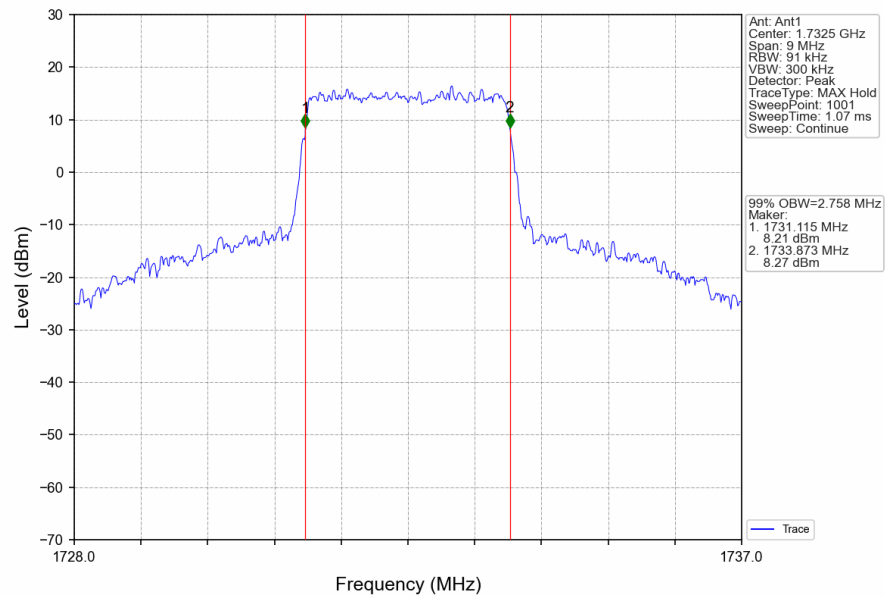
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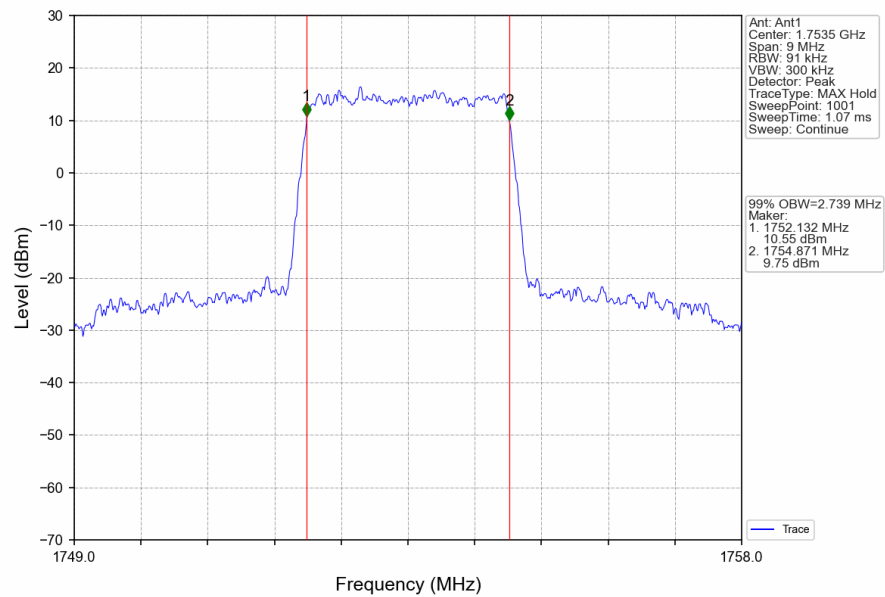
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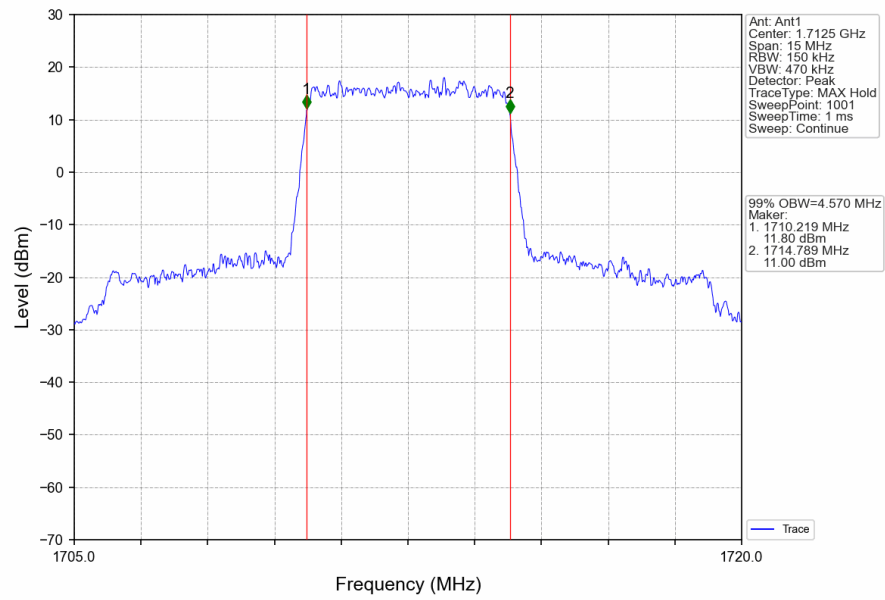
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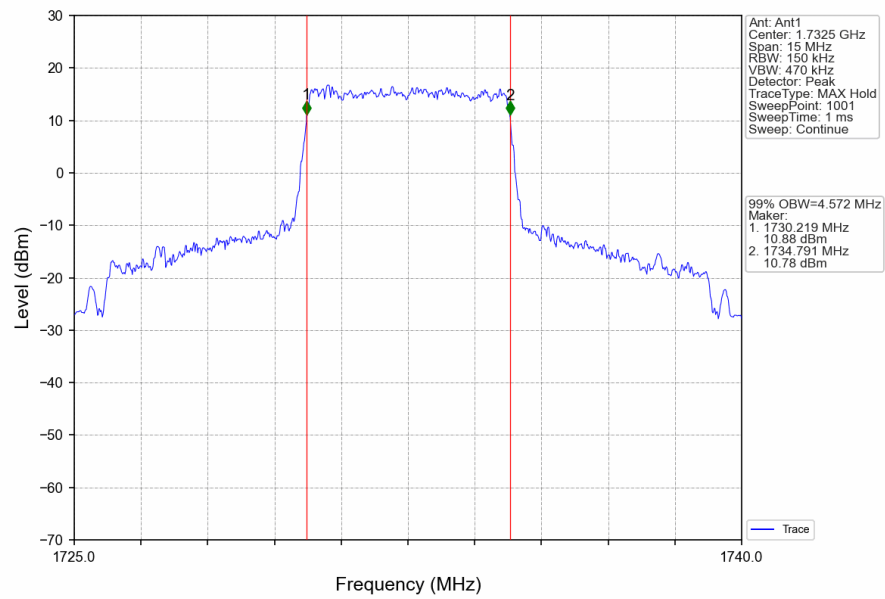
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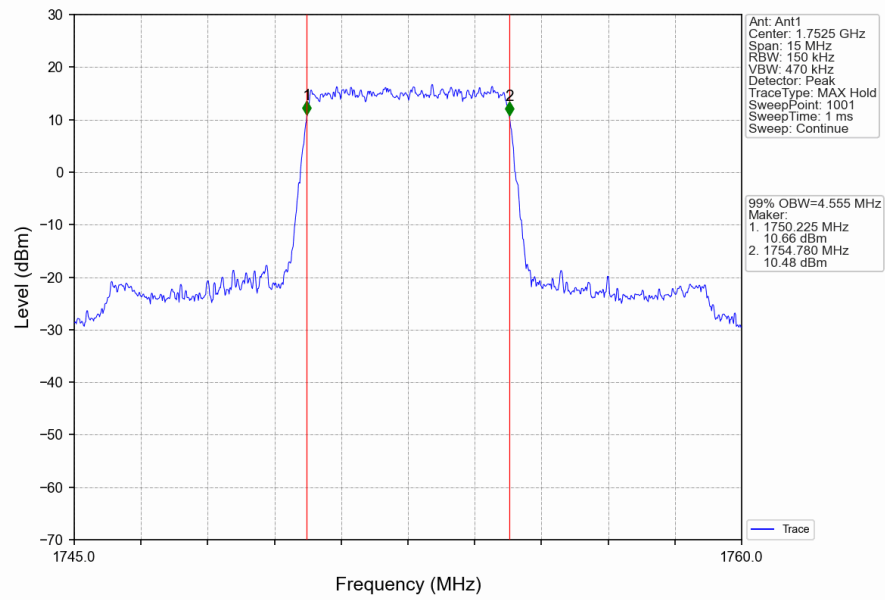
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



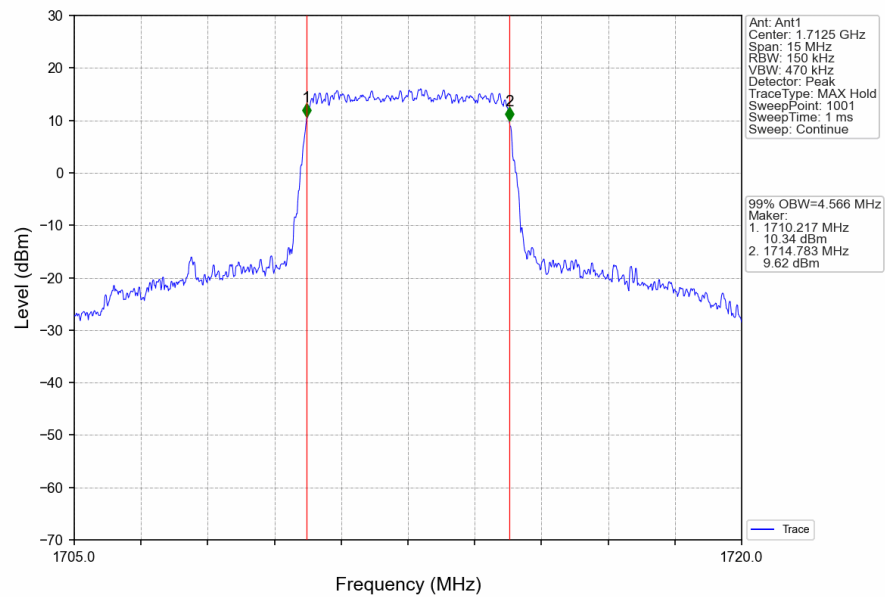
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



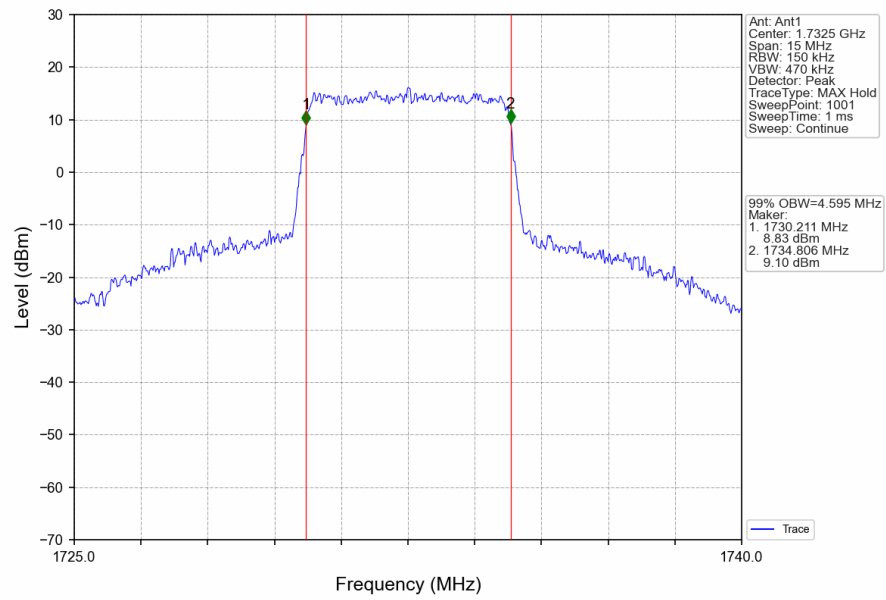
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



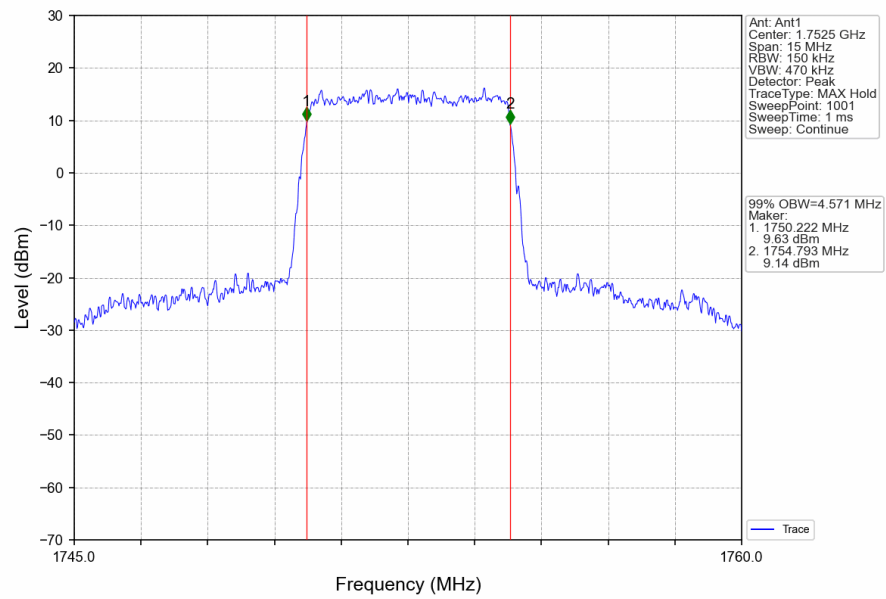
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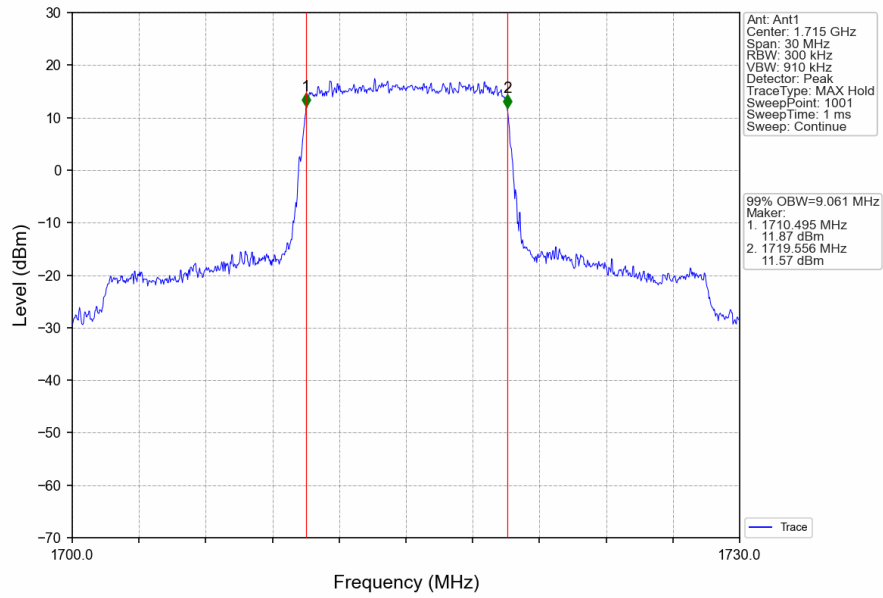
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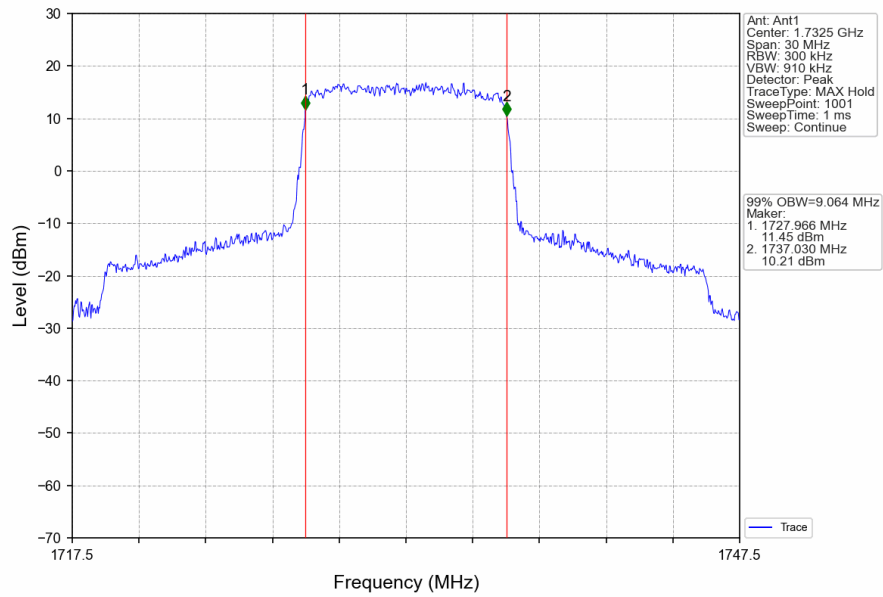
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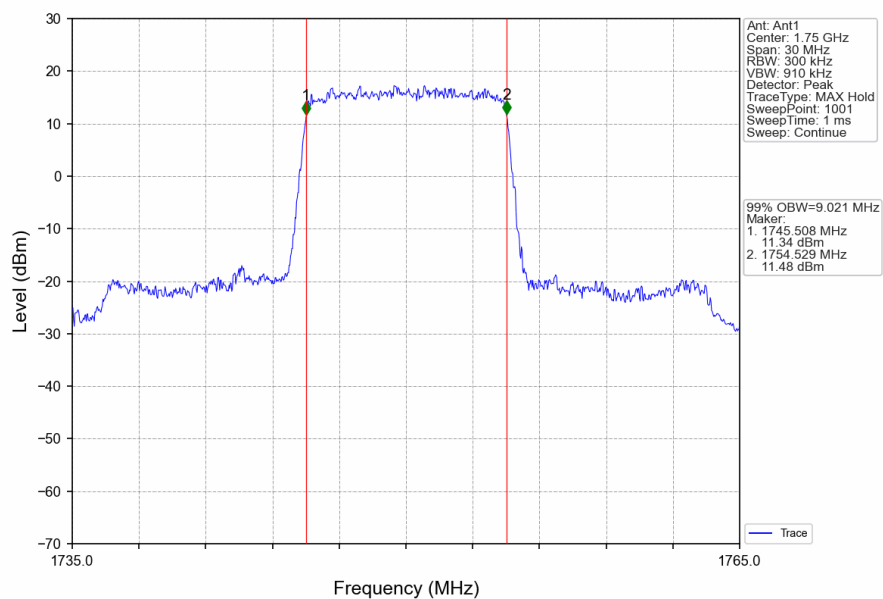
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



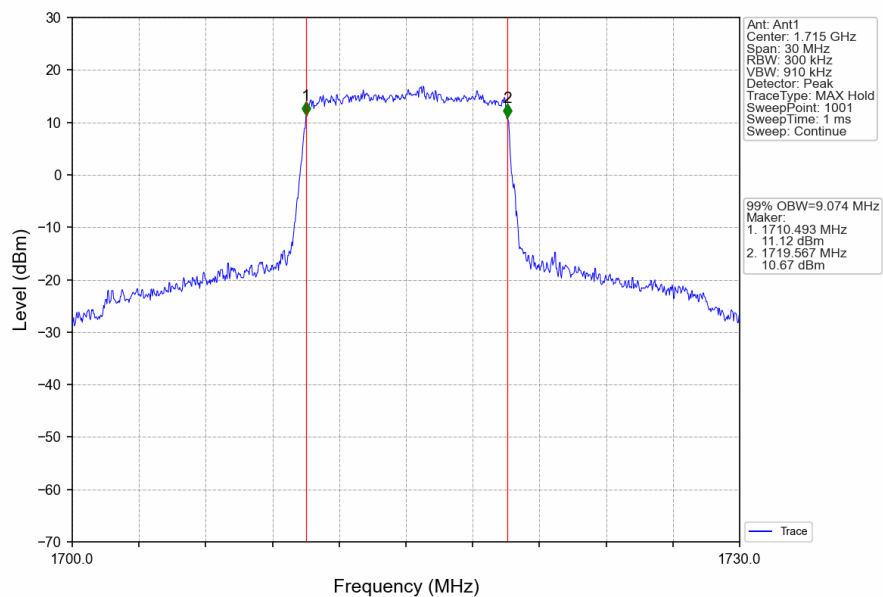
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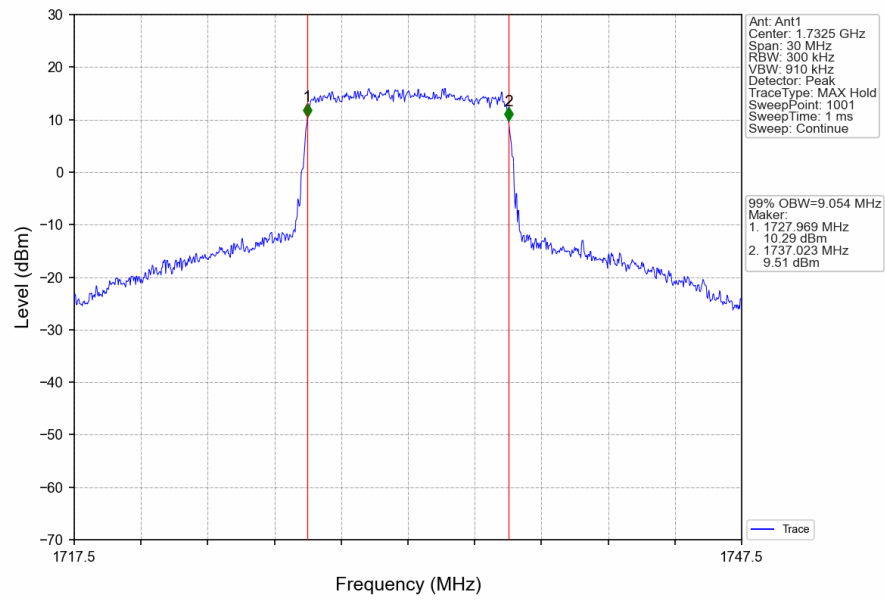
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



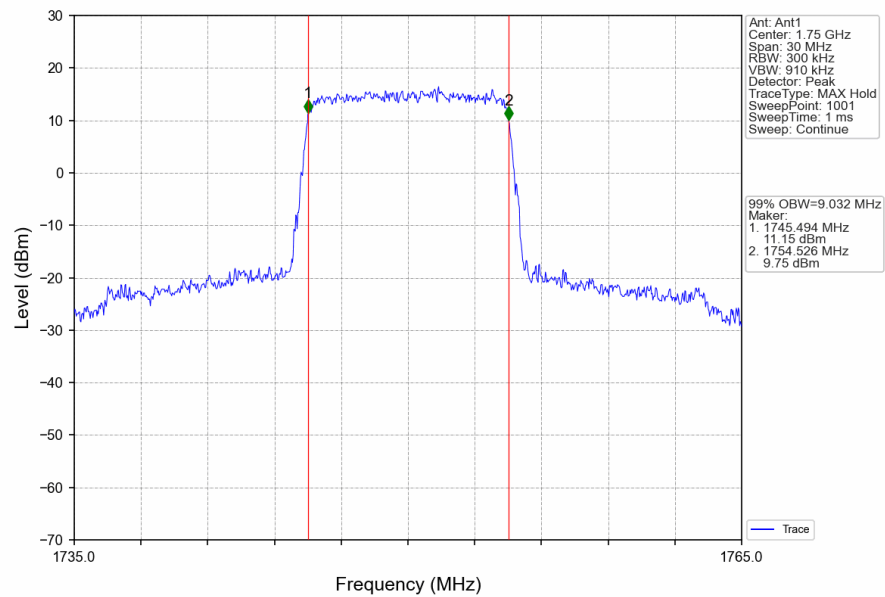
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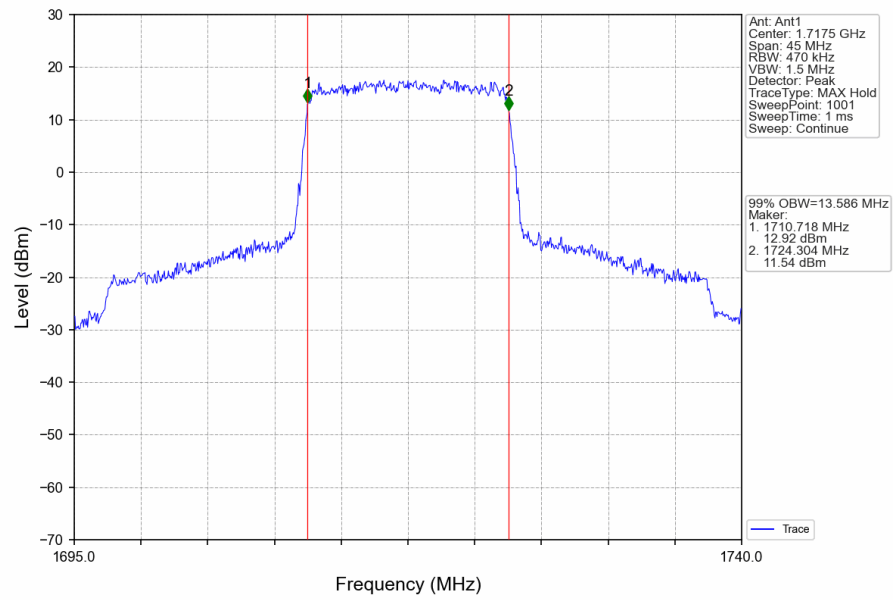
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



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

