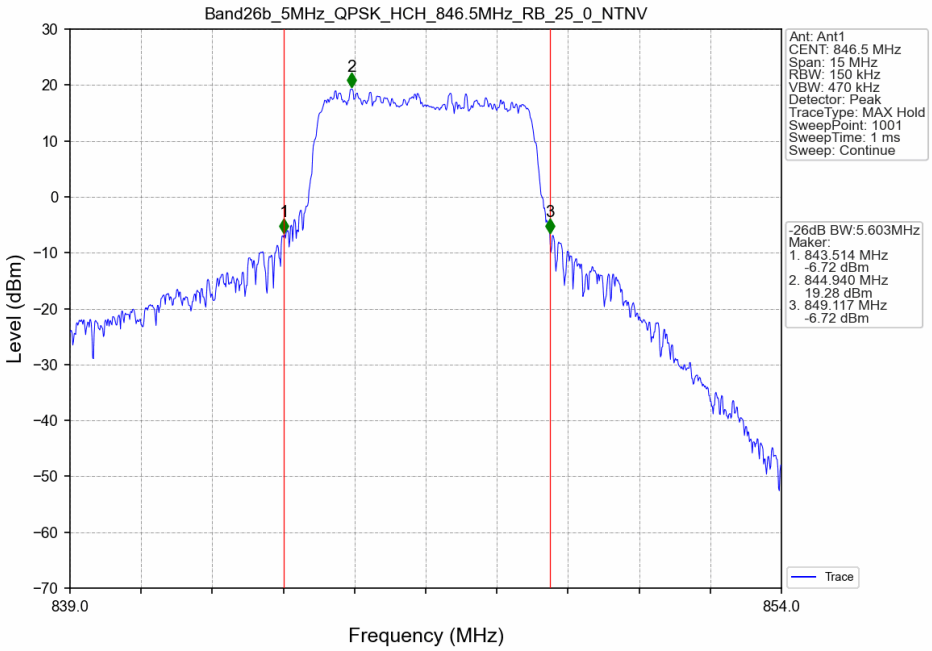
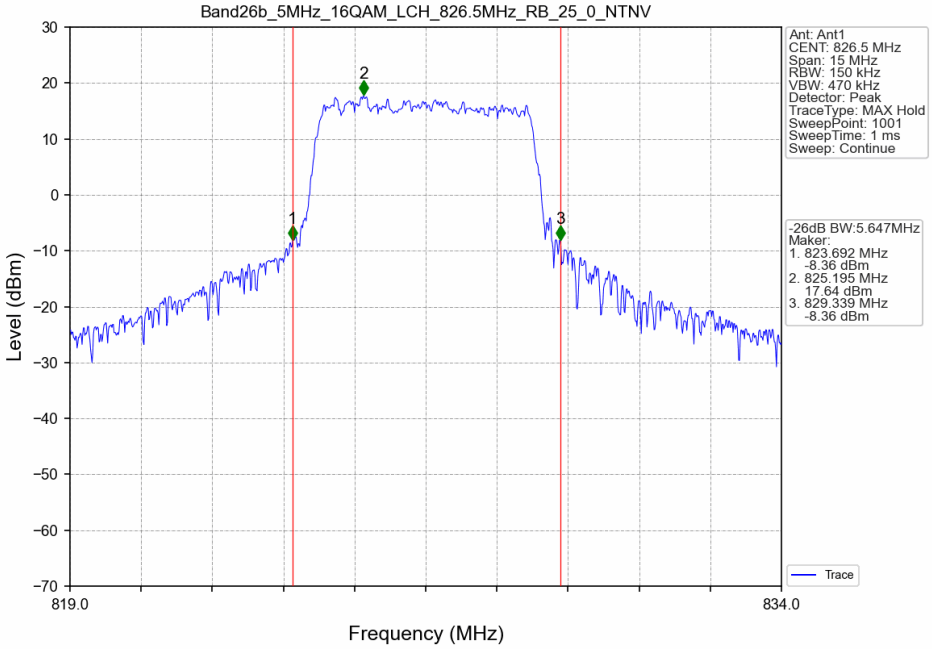
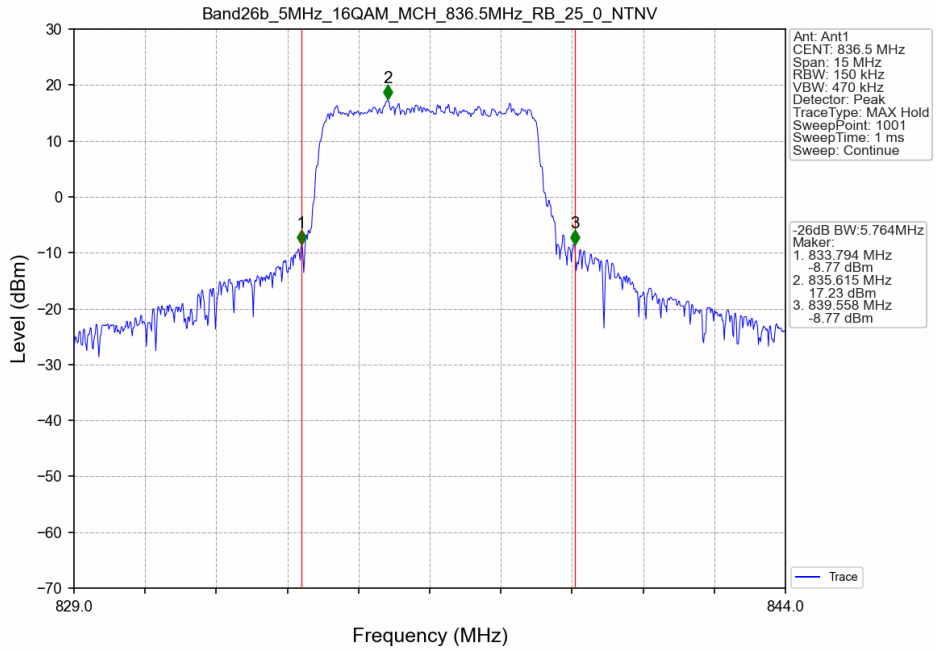
Band26b_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



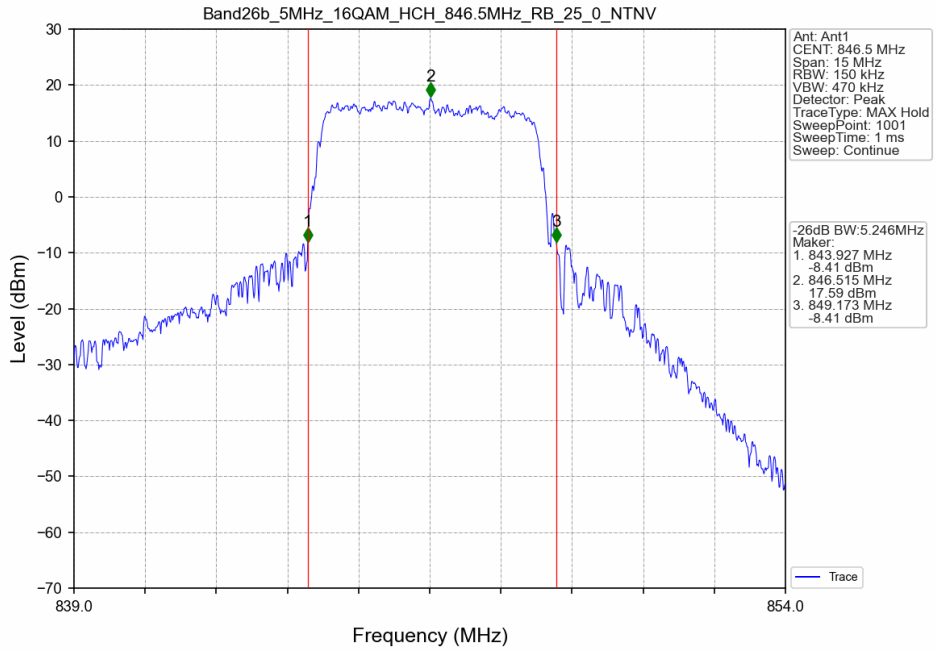
Band26b_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



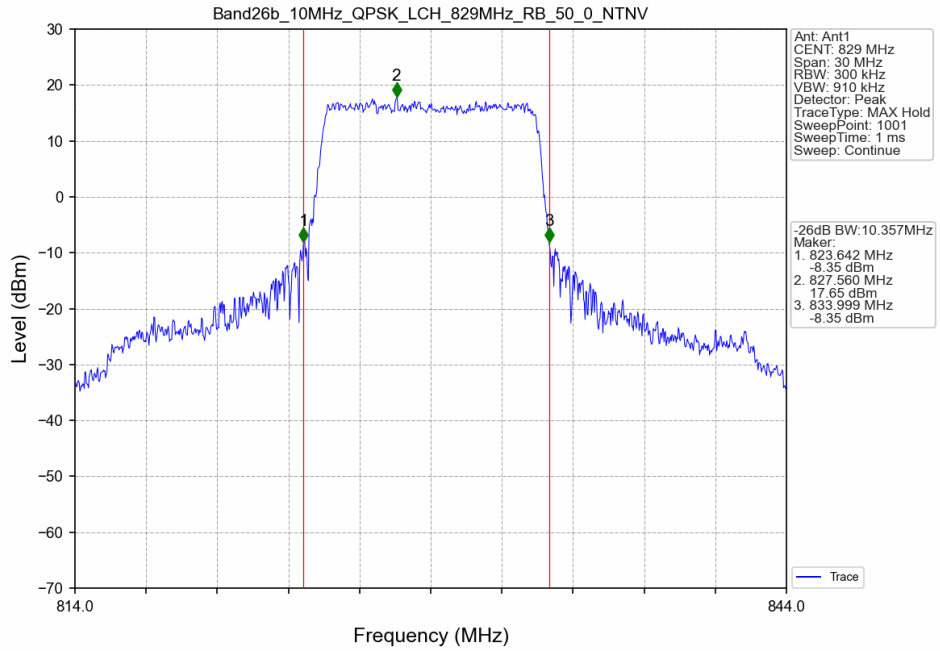
Band26b_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



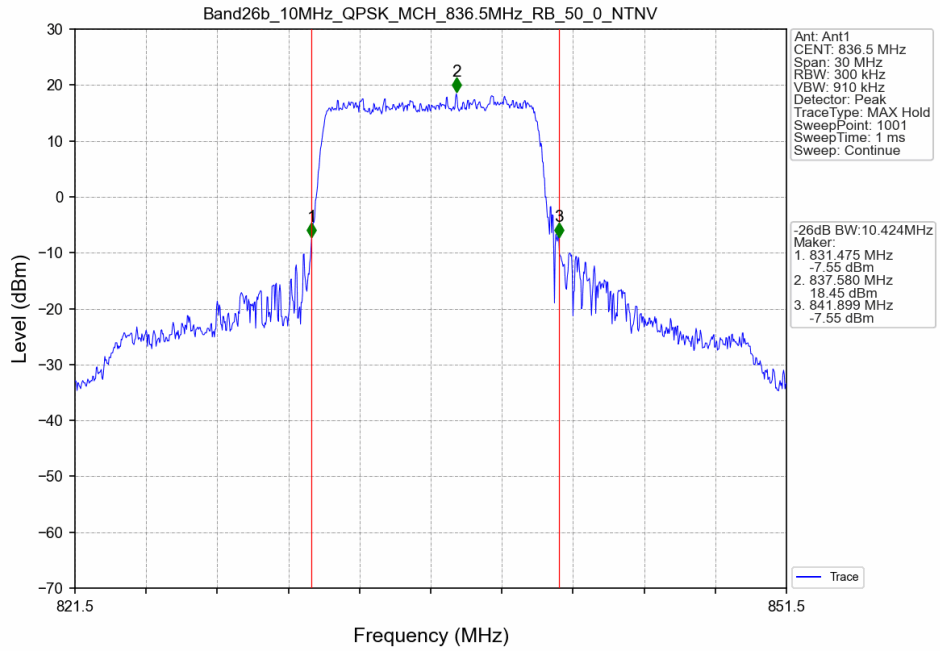
Band26b_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



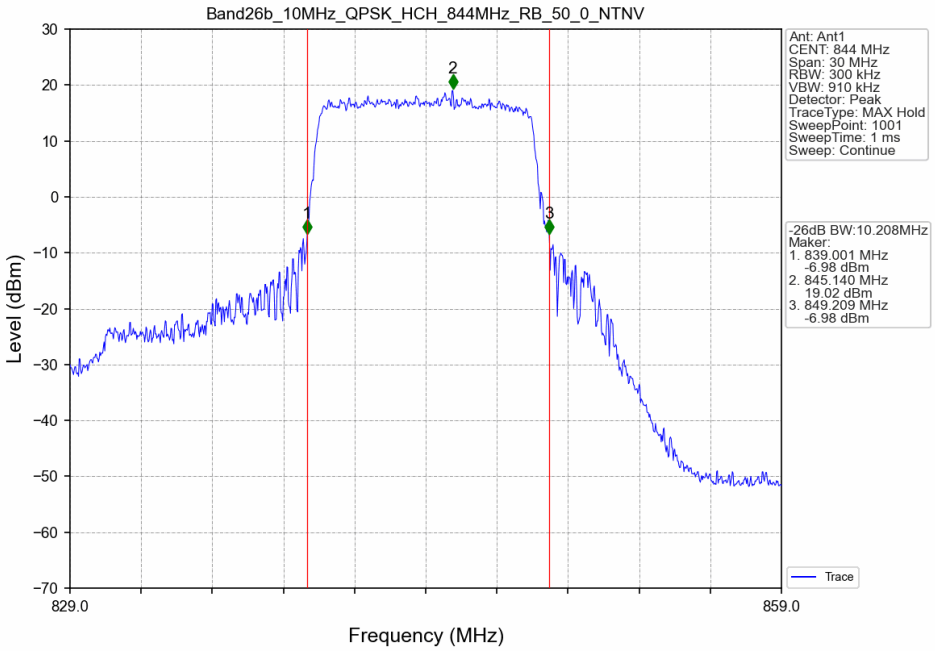
Band26b_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



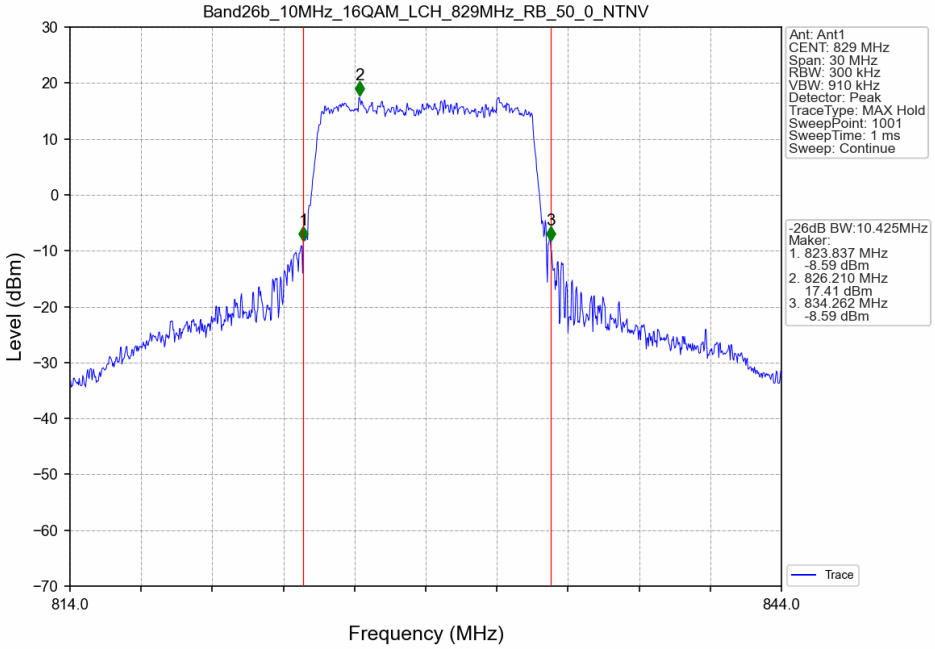
Band26b_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



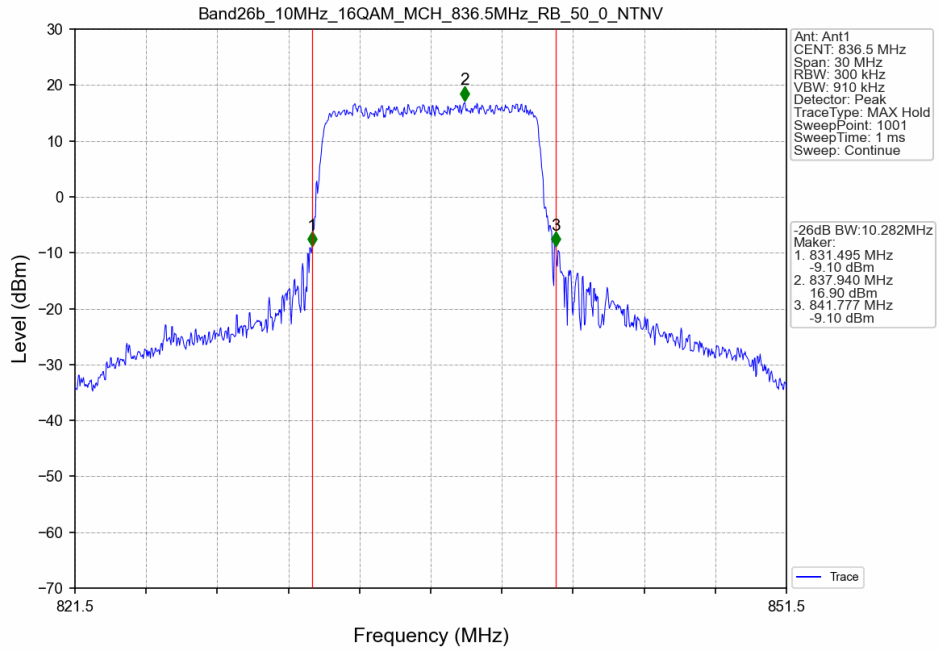
Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



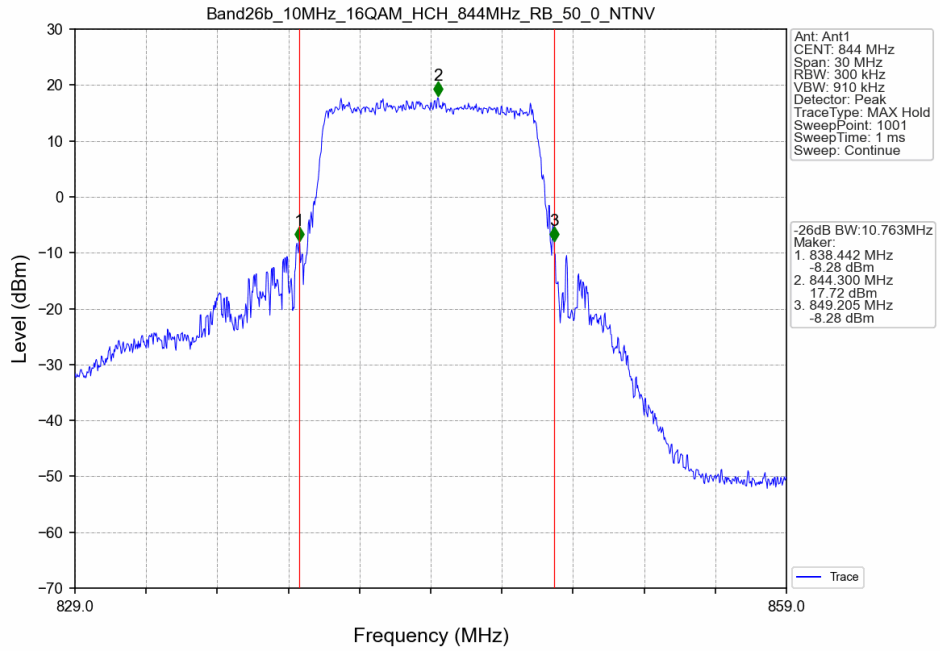
Band26b_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



7. 99% & 26dB Bandwidth

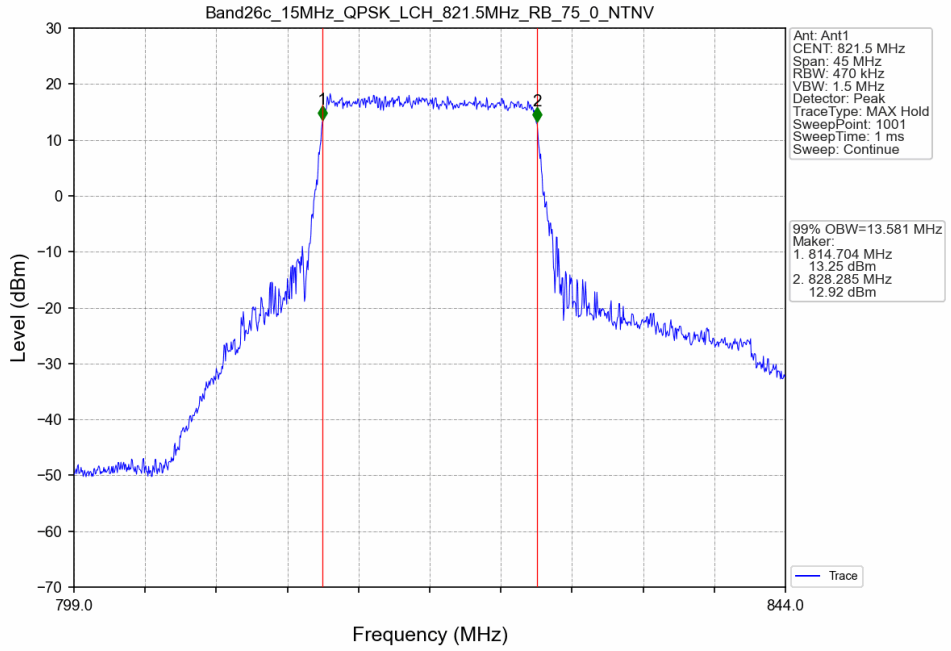
7.1 Band26c_OBW

7.1.1 Test Result

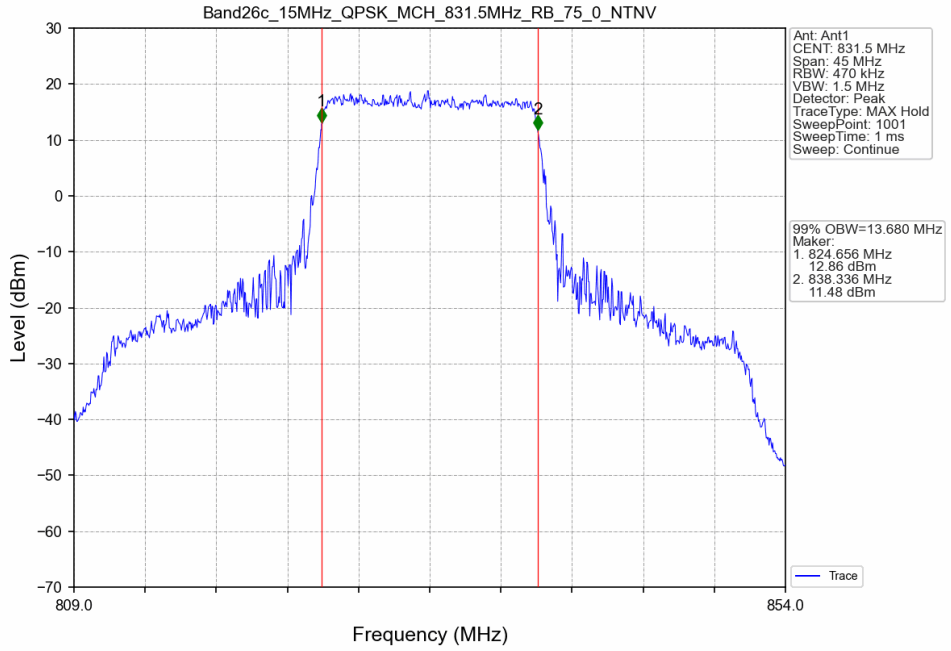
Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	13.581	/	Pass
		831.5	75	0	13.680	/	Pass
		841.5	75	0	13.585	/	Pass
	16QAM	821.5	75	0	13.596	/	Pass
		831.5	75	0	13.676	/	Pass
		841.5	75	0	13.593	/	Pass

7.1.2 Test Graph

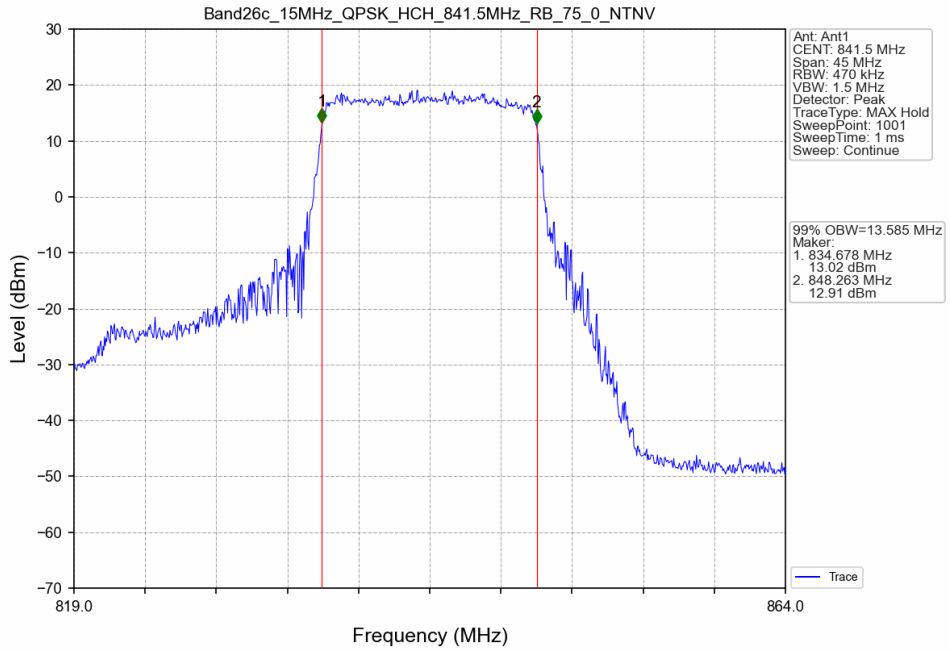
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



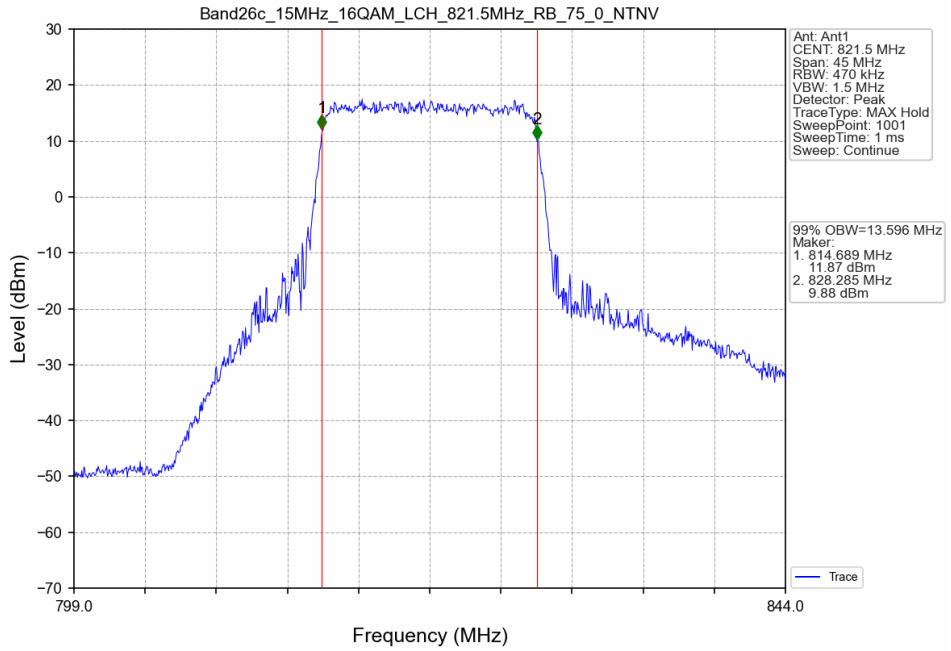
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



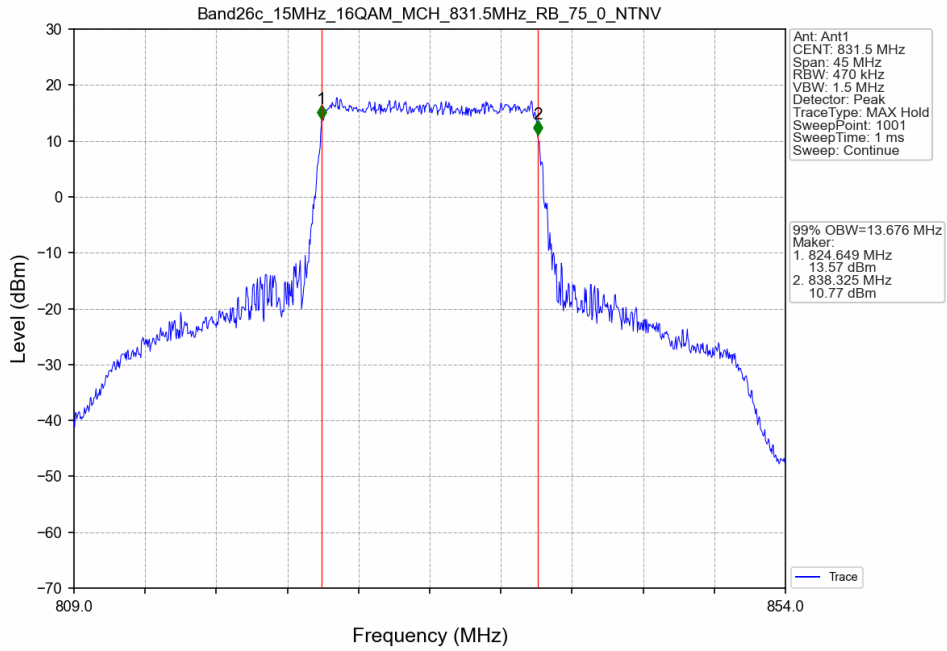
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



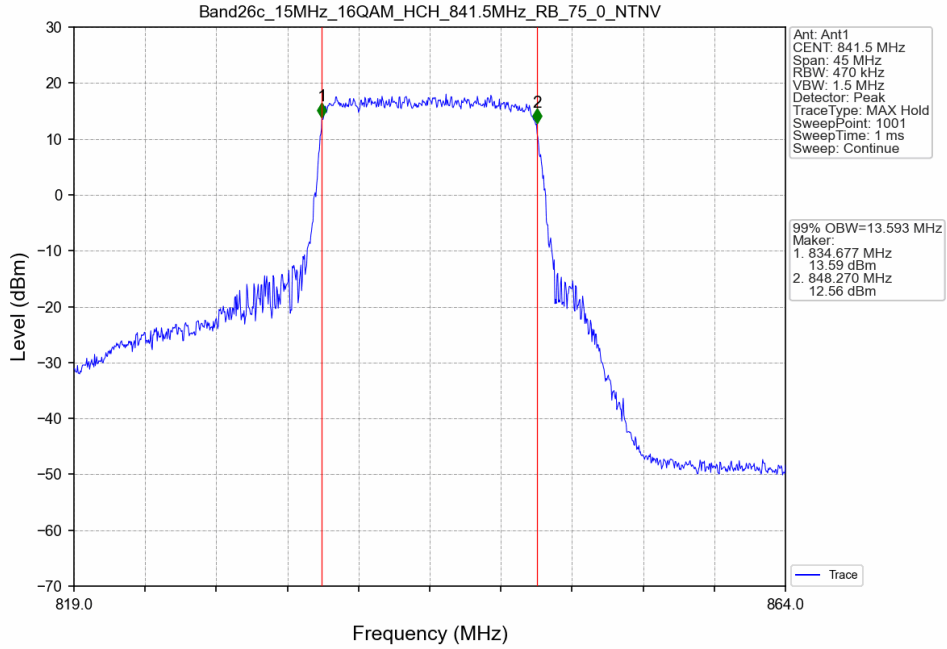
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



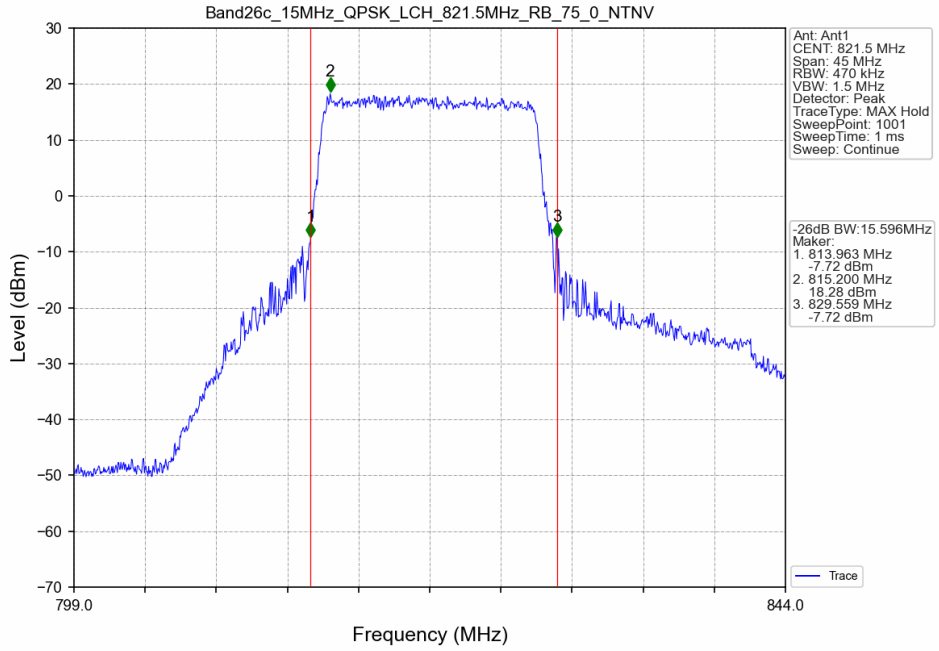
7.2 Band26c_XDB

7.2.1 Test Result

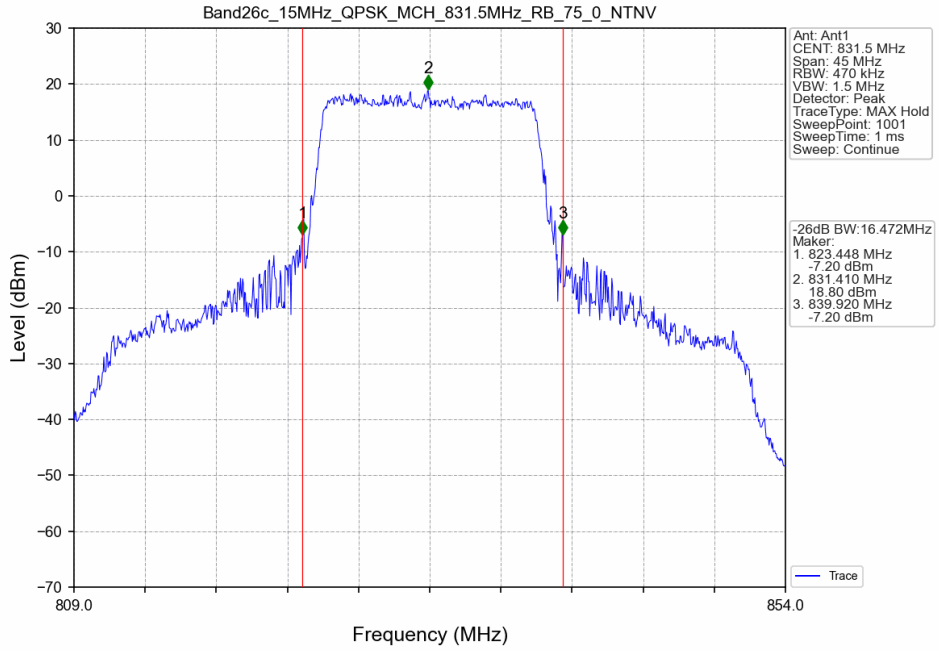
Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	15.596	/	Pass
		831.5	75	0	16.472	/	Pass
		841.5	75	0	15.834	/	Pass
	16QAM	821.5	75	0	15.625	/	Pass
		831.5	75	0	15.251	/	Pass
		841.5	75	0	15.199	/	Pass

7.2.2 Test Graph

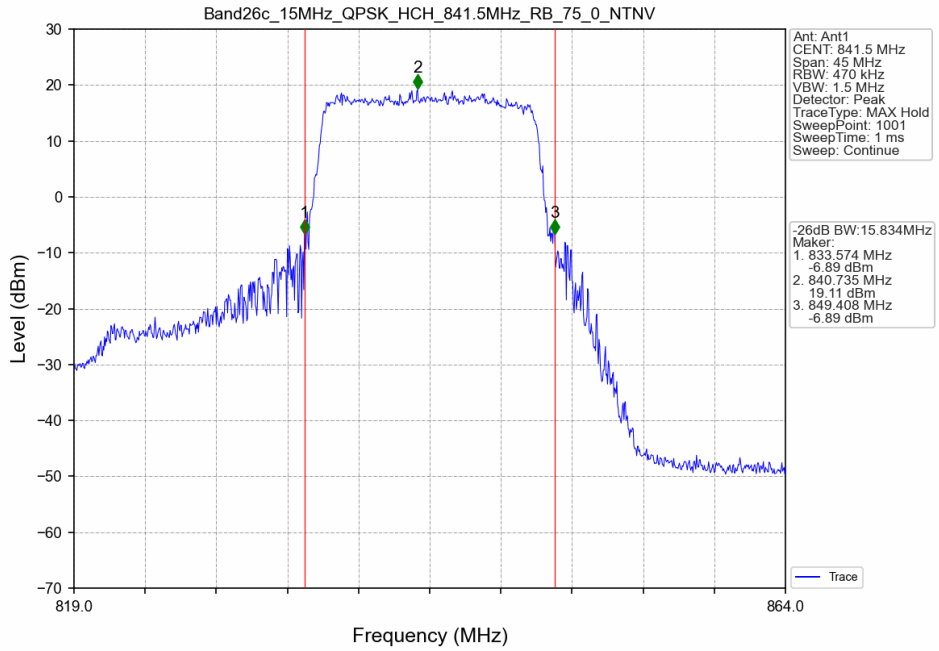
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



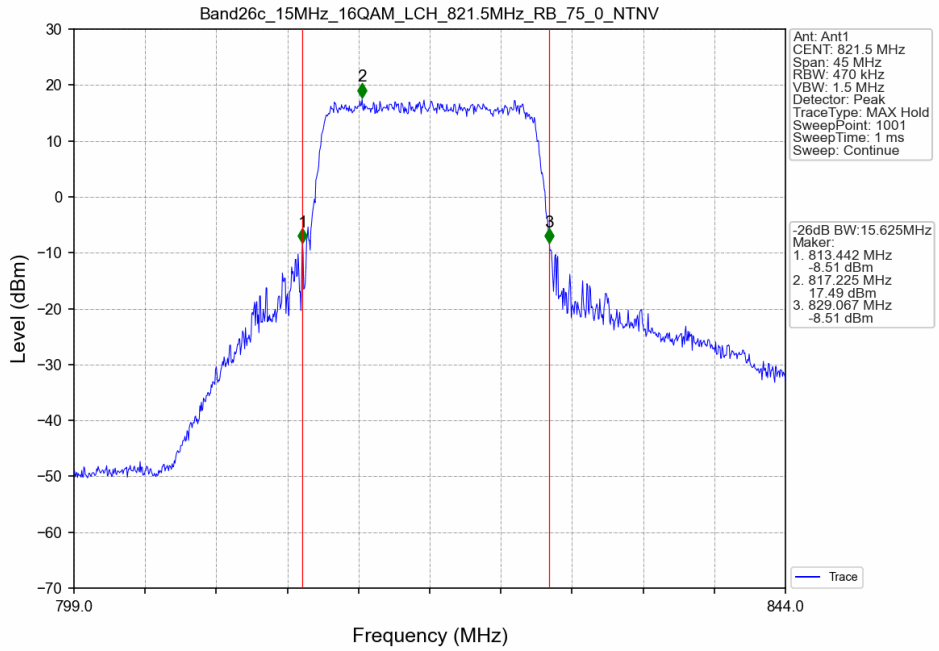
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



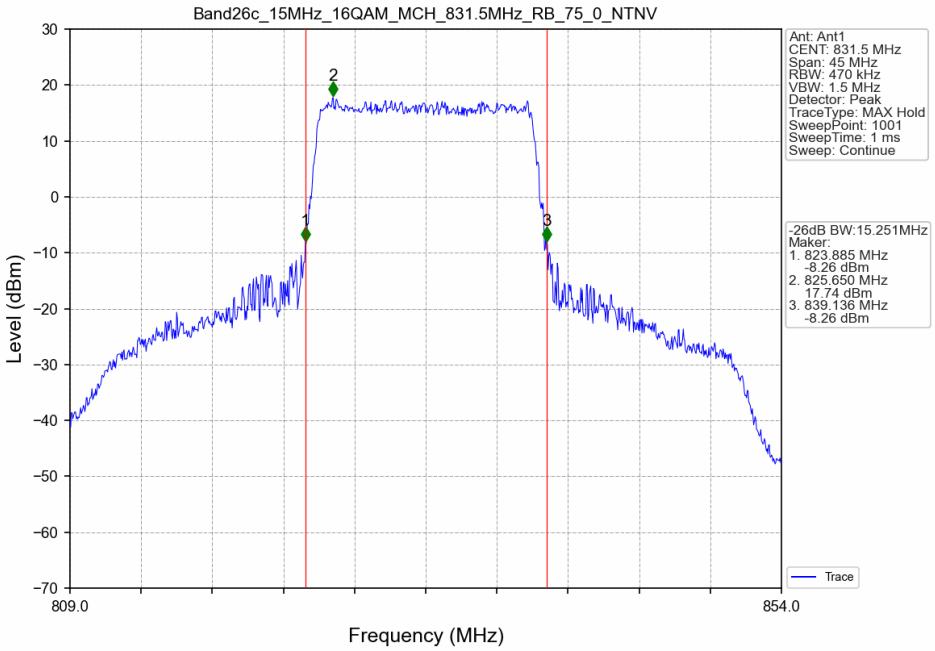
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



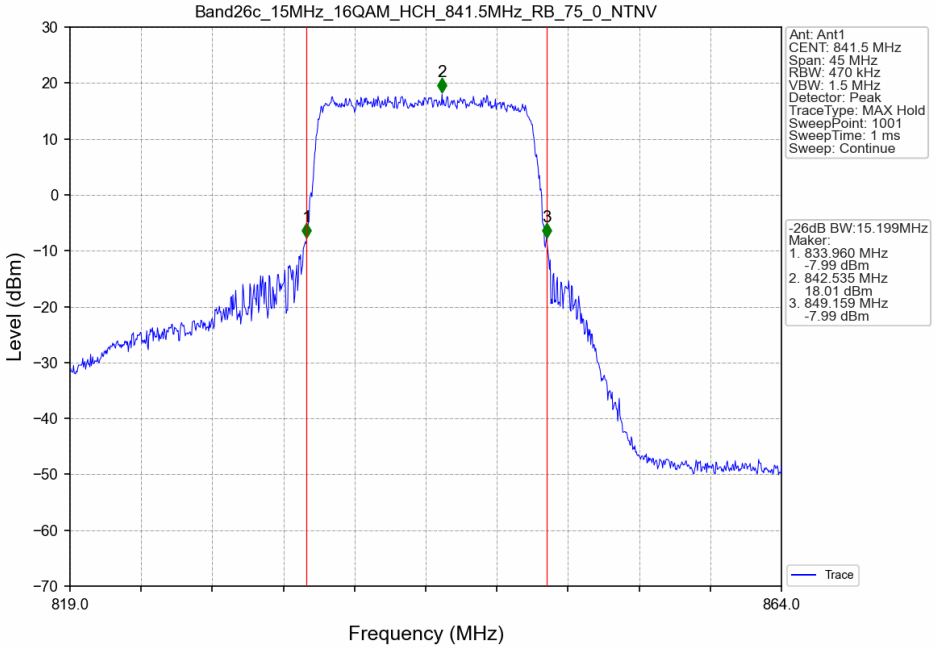
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



8. 99% & 26dB Bandwidth

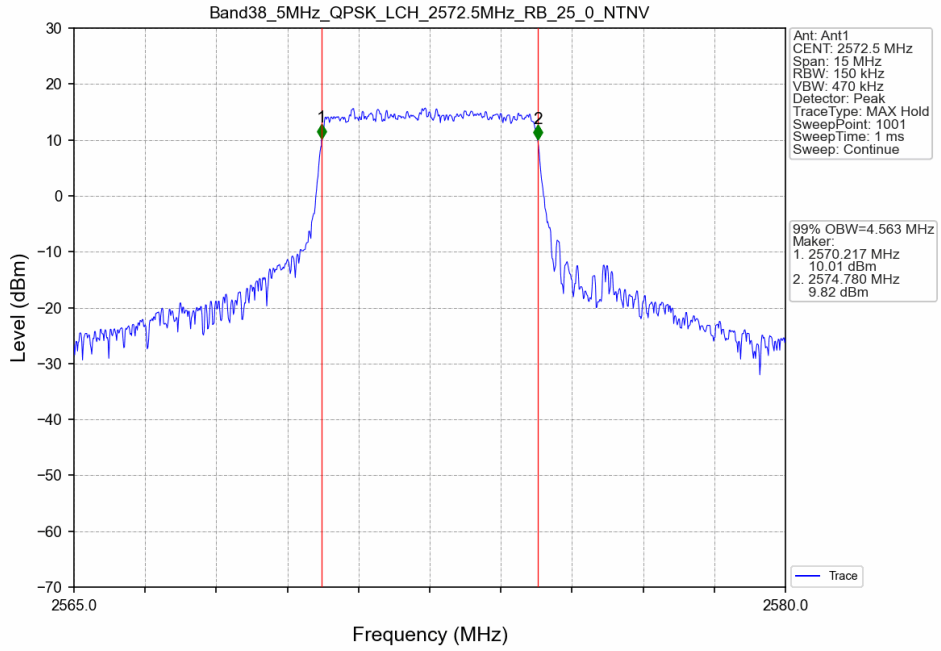
8.1 Band38_OBW

8.1.1 Test Result

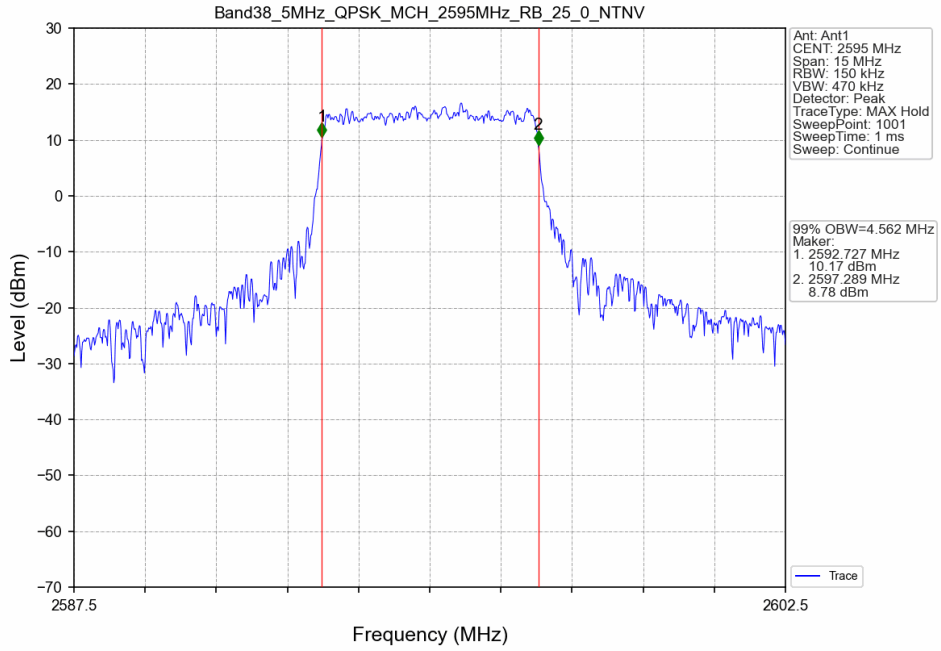
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	4.563	/	Pass
		2595	25	0	4.562	/	Pass
		2617.5	25	0	4.572	/	Pass
	16QAM	2572.5	25	0	4.604	/	Pass
		2595	25	0	4.553	/	Pass
		2617.5	25	0	4.579	/	Pass
10	QPSK	2575	50	0	9.080	/	Pass
		2595	50	0	8.988	/	Pass
		2615	50	0	9.164	/	Pass
	16QAM	2575	50	0	9.095	/	Pass
		2595	50	0	9.056	/	Pass
		2615	50	0	9.082	/	Pass
15	QPSK	2577.5	75	0	13.628	/	Pass
		2595	75	0	13.606	/	Pass
		2612.5	75	0	13.605	/	Pass
	16QAM	2577.5	75	0	13.657	/	Pass
		2595	75	0	13.523	/	Pass
		2612.5	75	0	13.654	/	Pass
20	QPSK	2580	100	0	18.182	/	Pass
		2595	100	0	18.118	/	Pass
		2610	100	0	18.156	/	Pass
	16QAM	2580	100	0	18.125	/	Pass
		2595	100	0	17.890	/	Pass
		2610	100	0	18.177	/	Pass

8.1.2 Test Graph

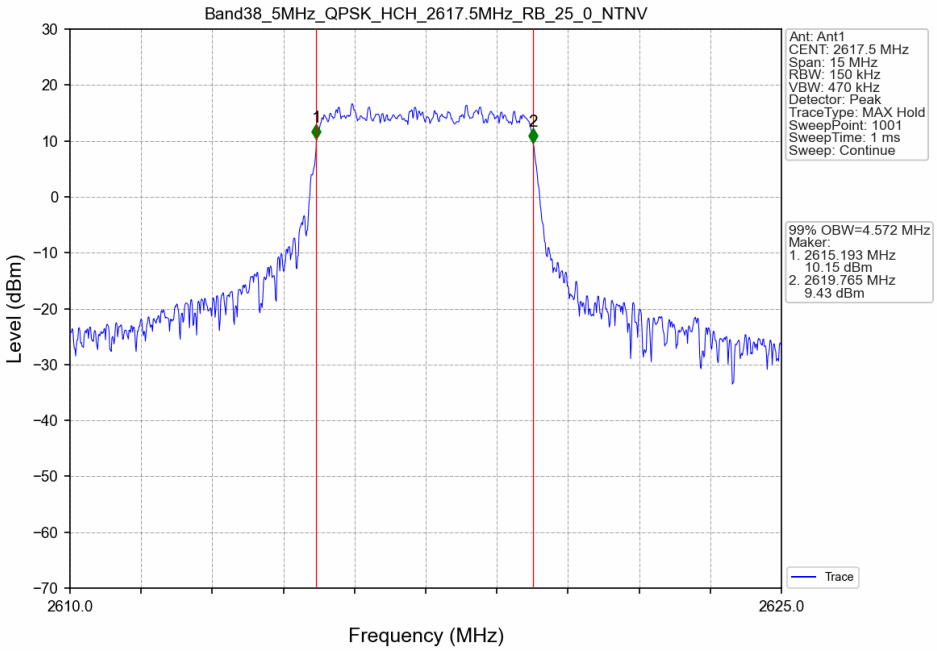
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



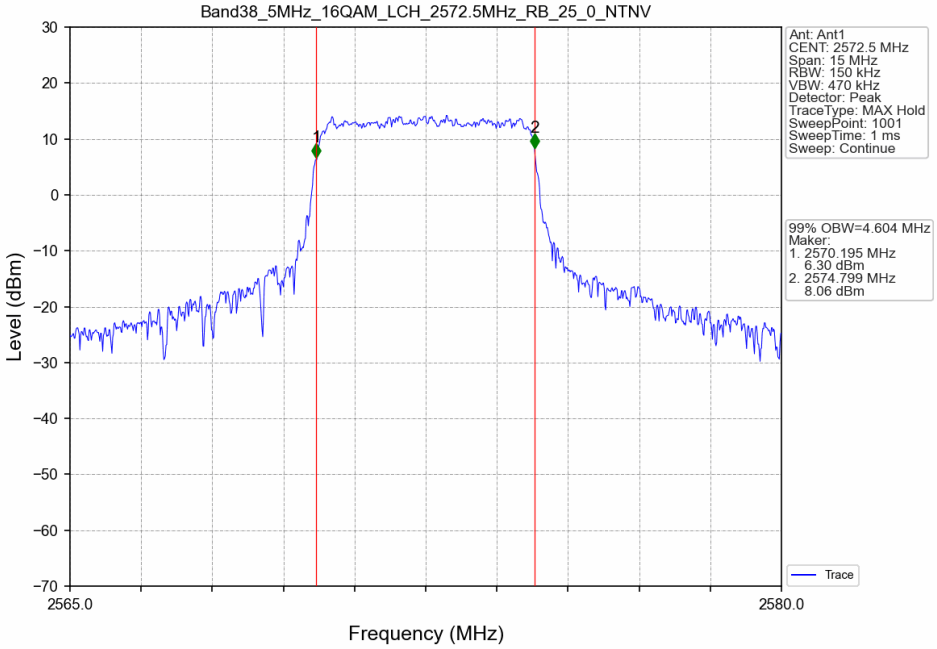
Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV



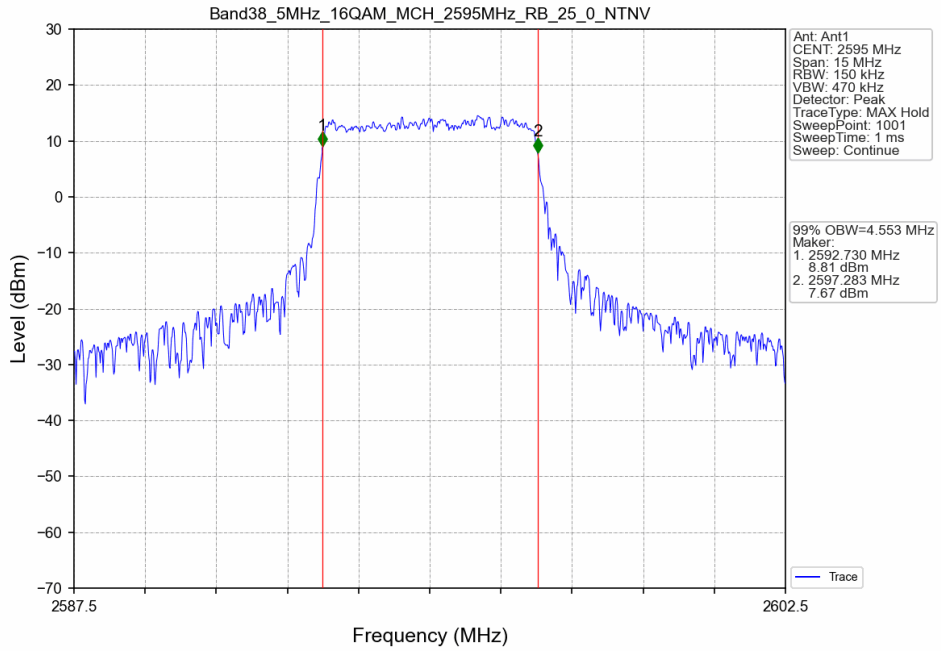
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



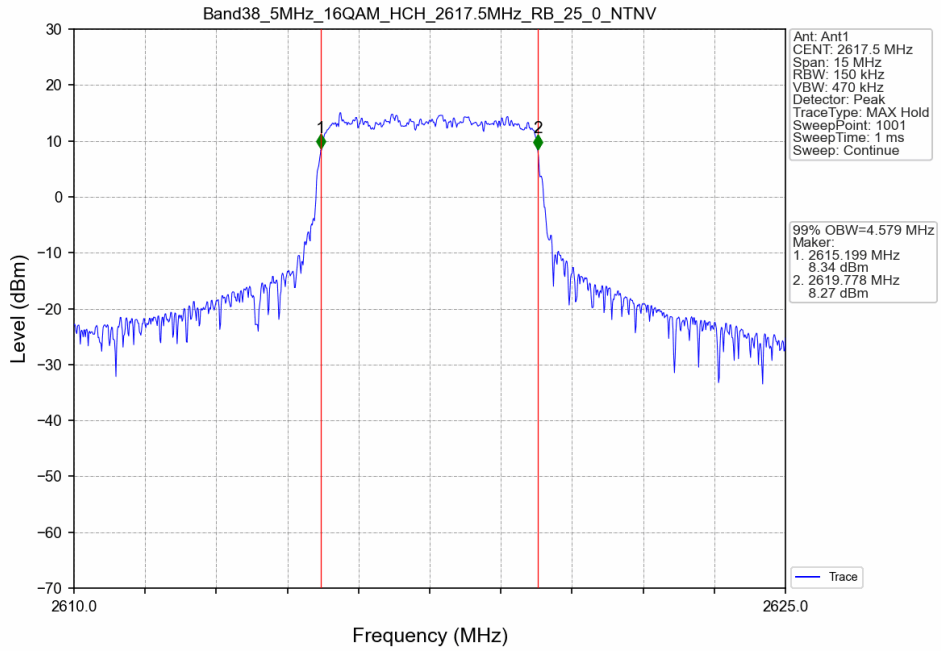
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



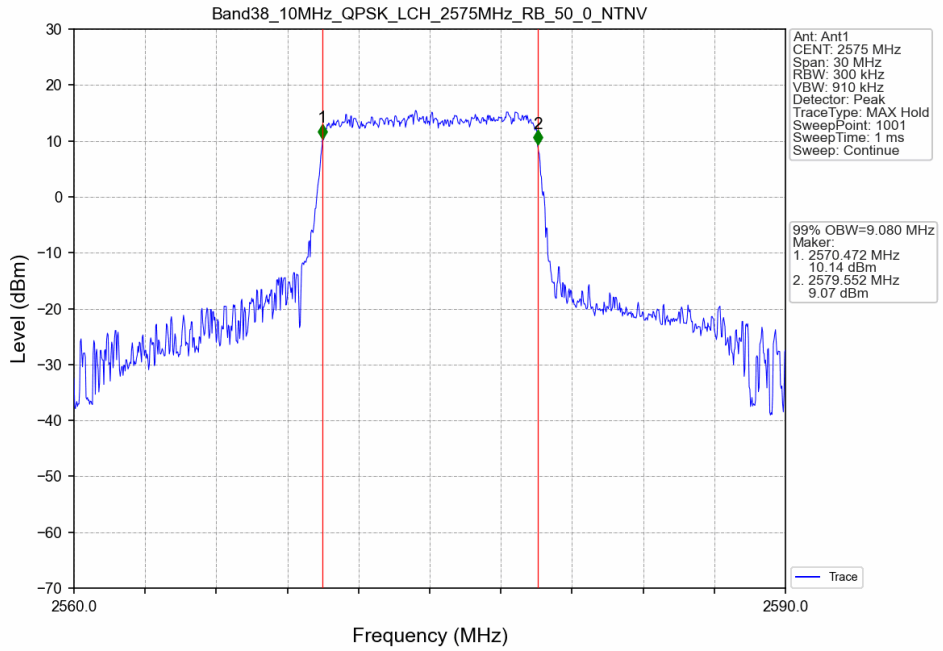
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



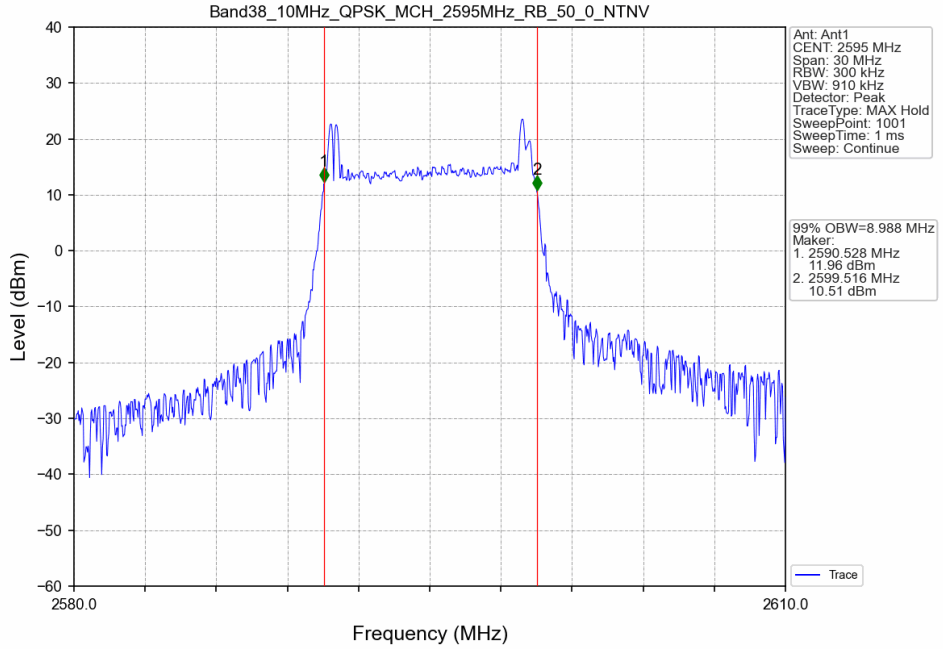
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



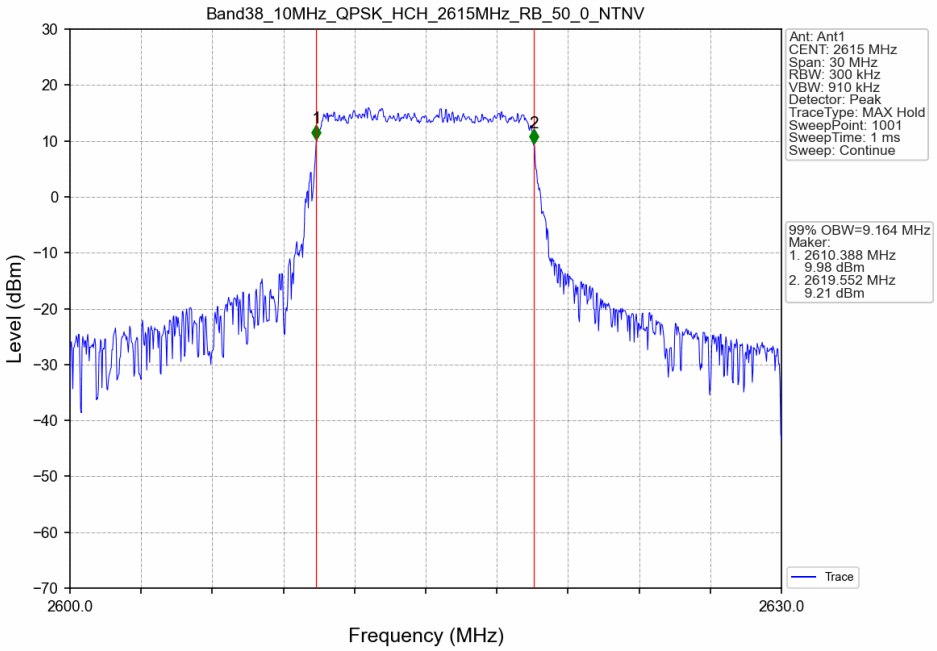
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



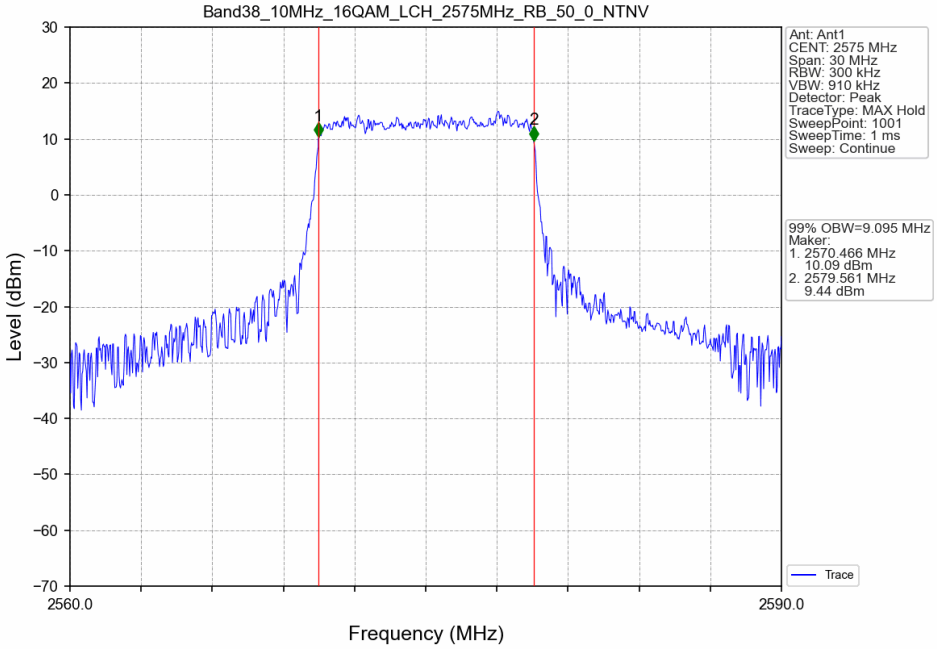
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



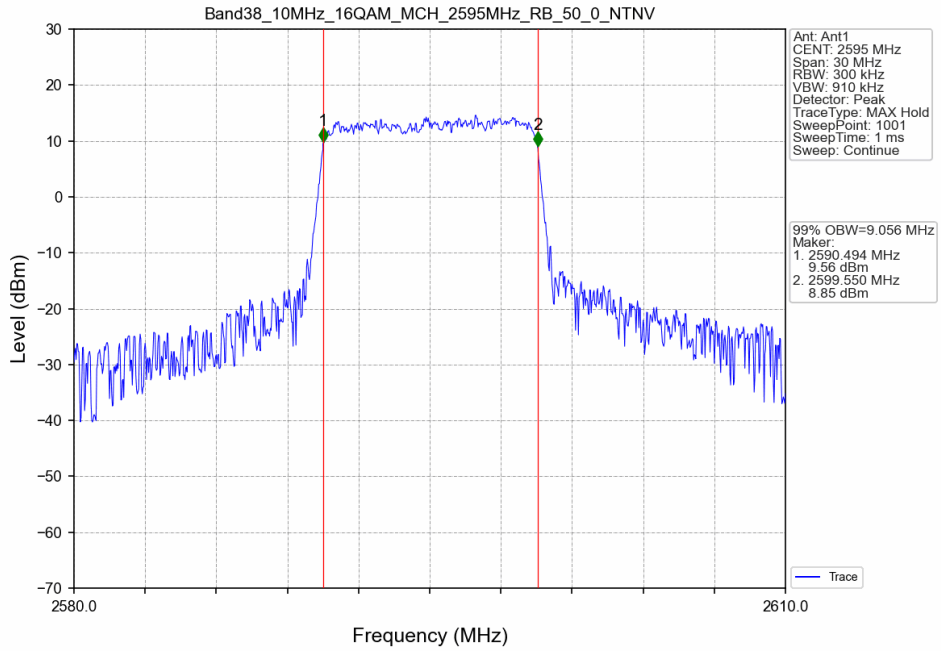
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



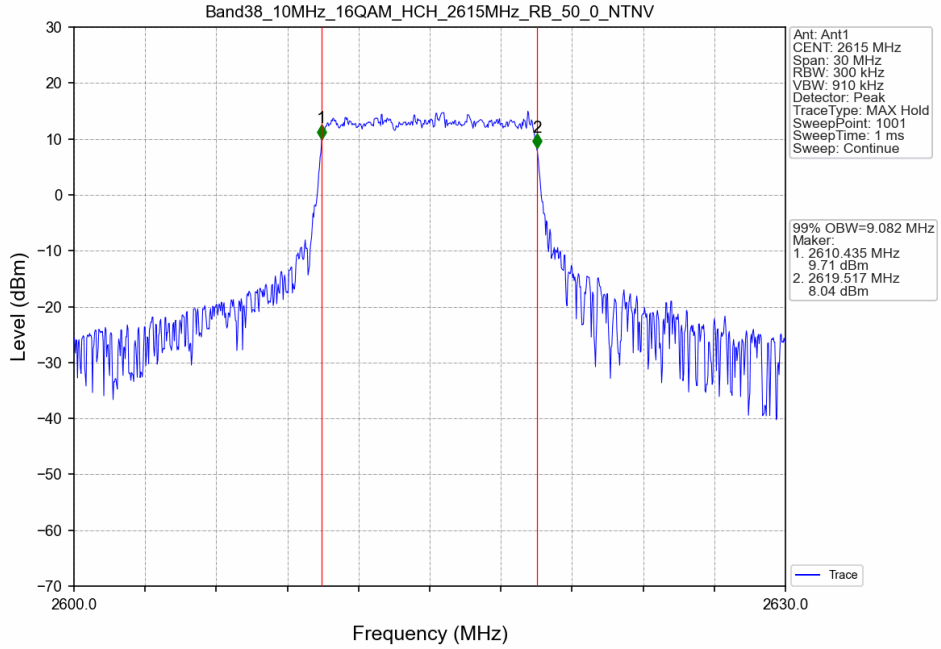
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



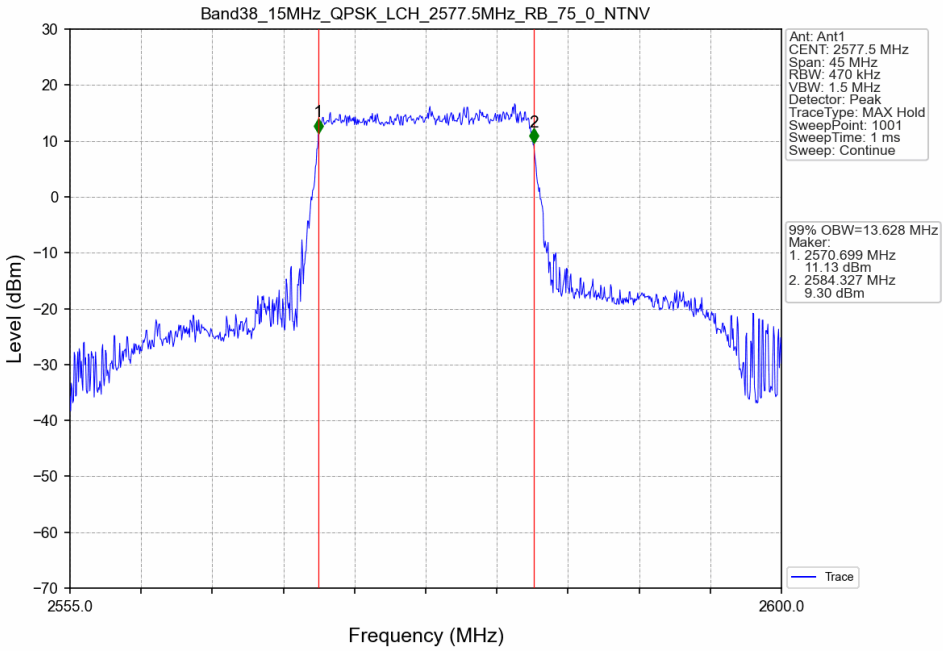
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



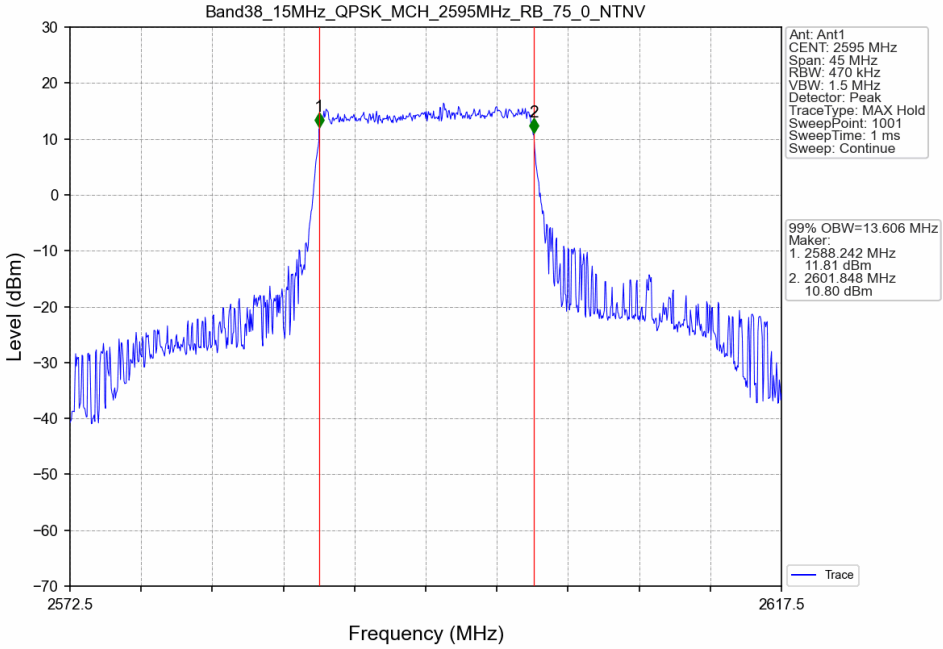
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



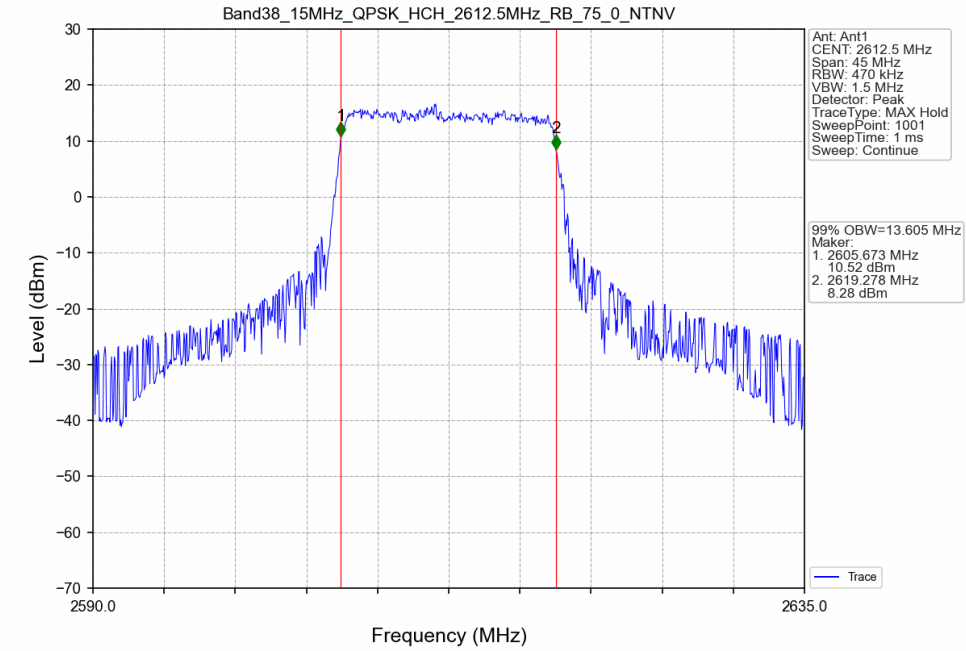
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



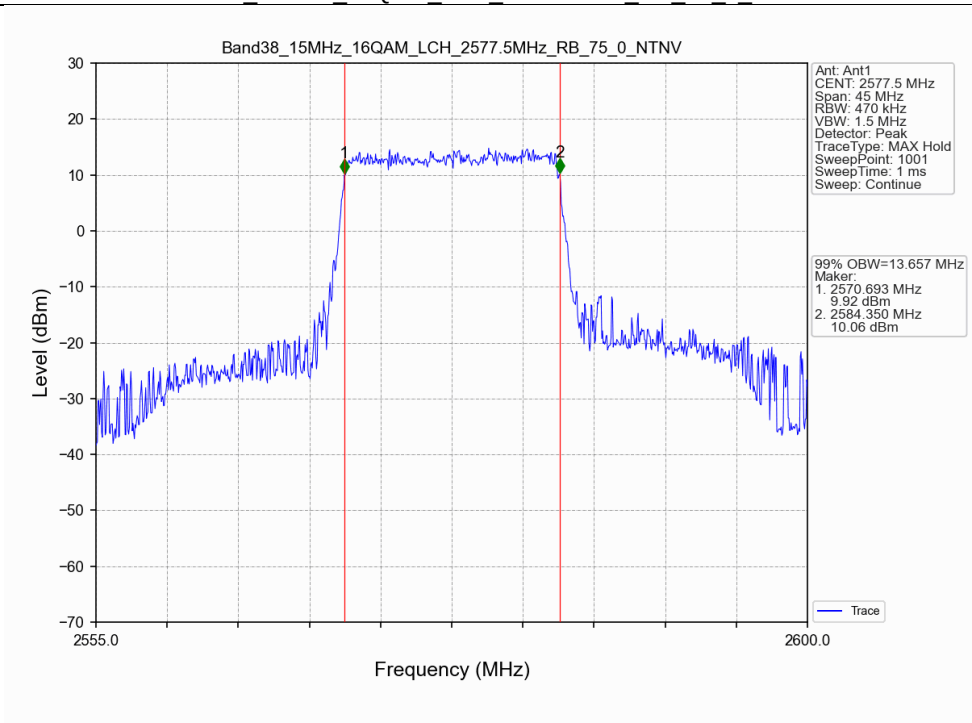
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



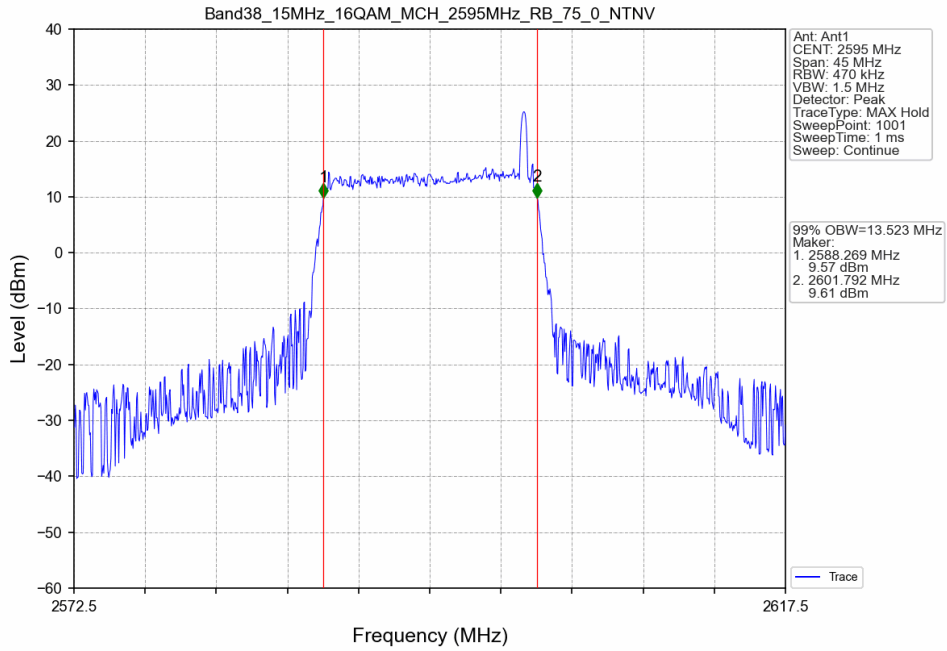
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



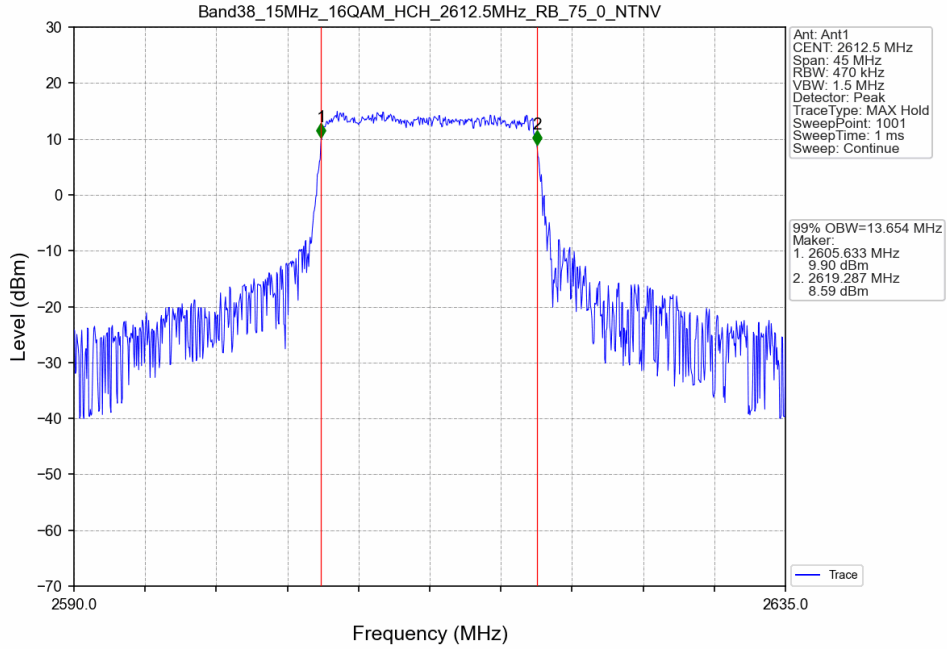
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



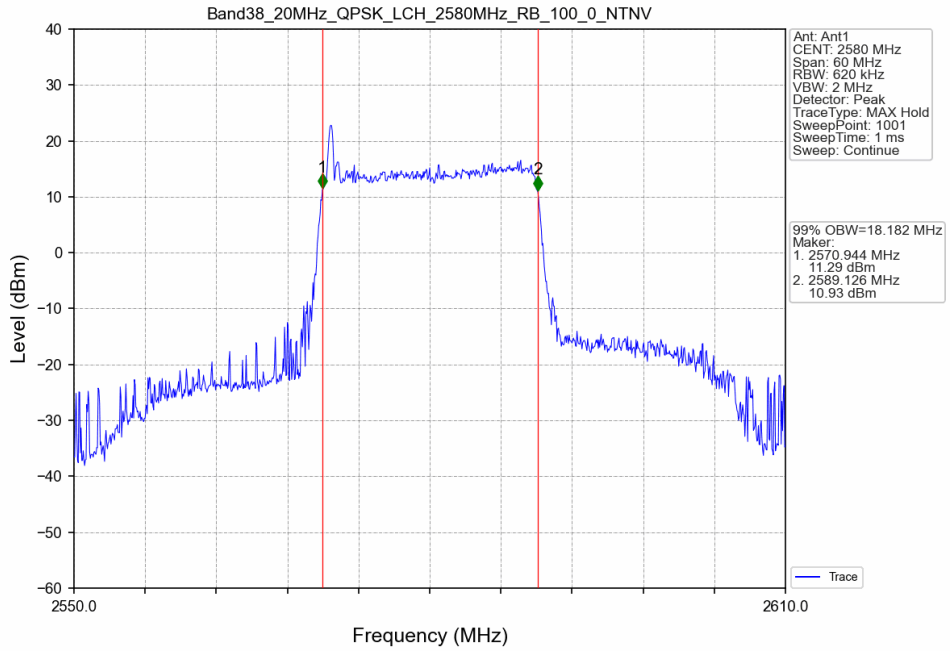
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



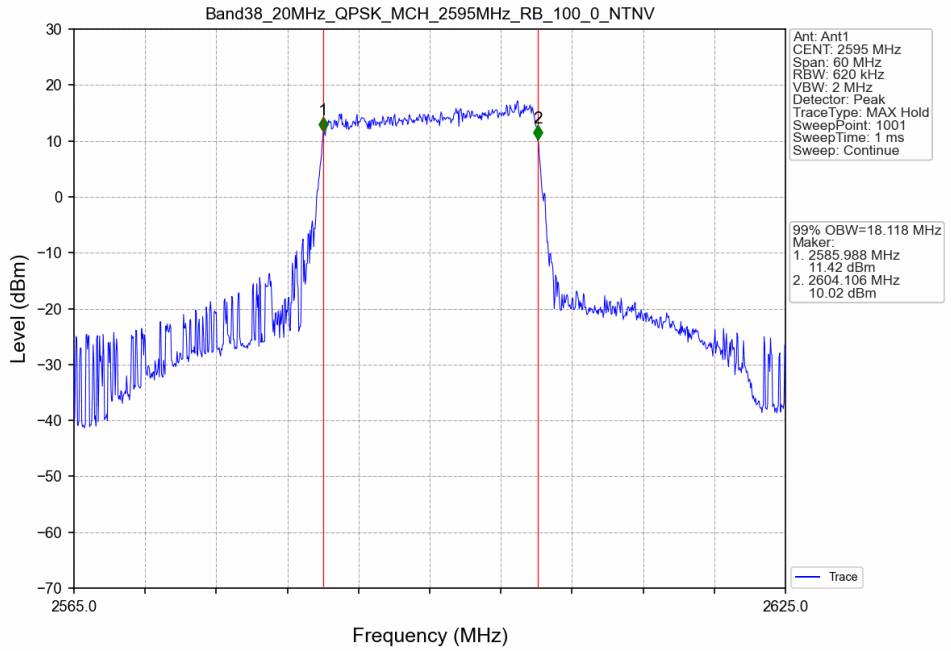
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



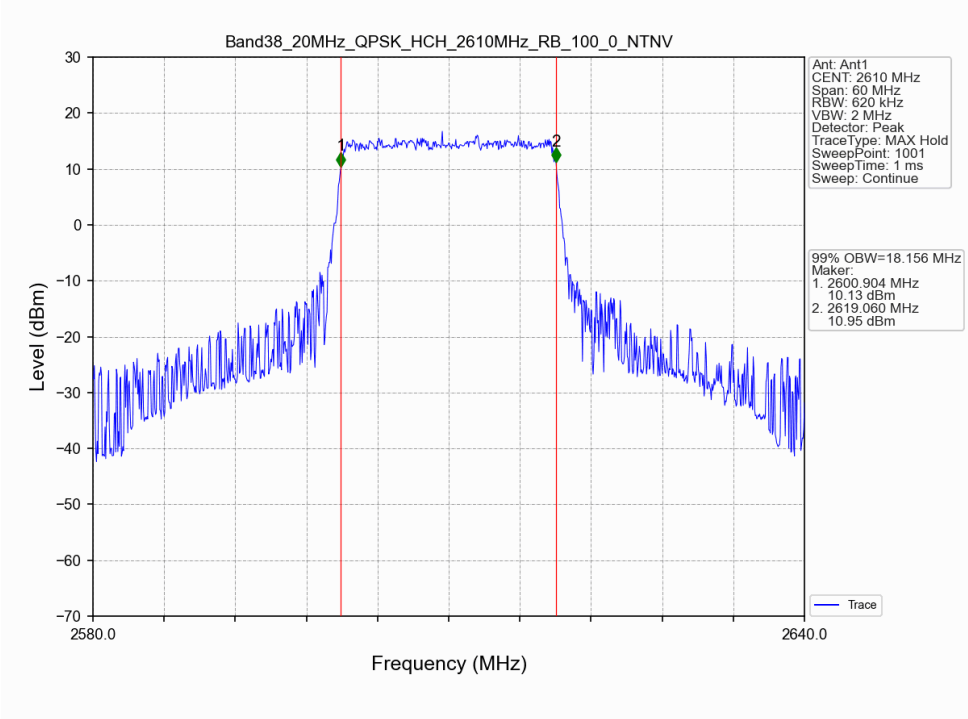
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



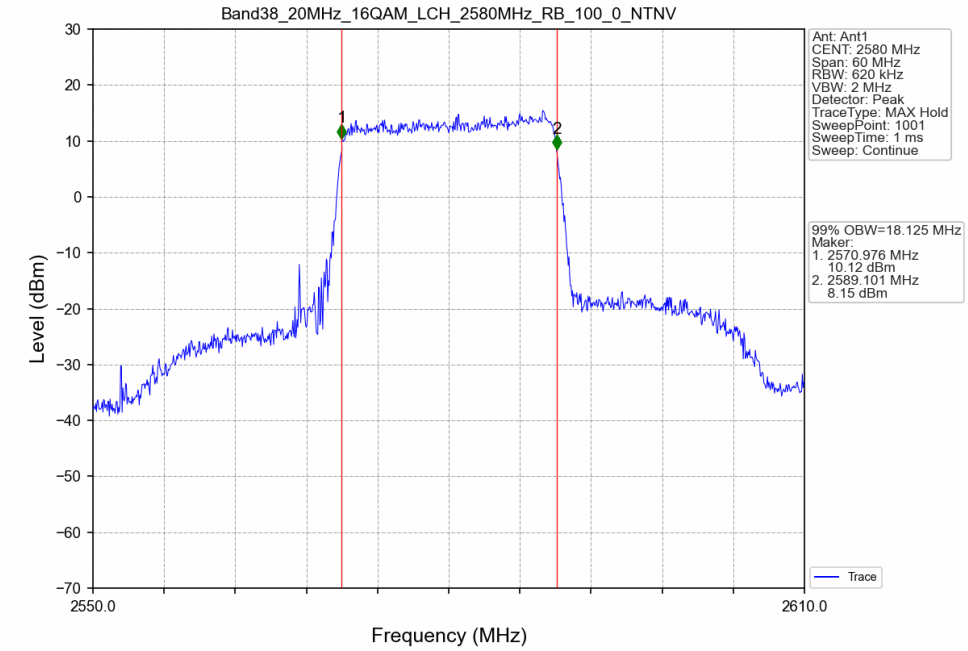
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



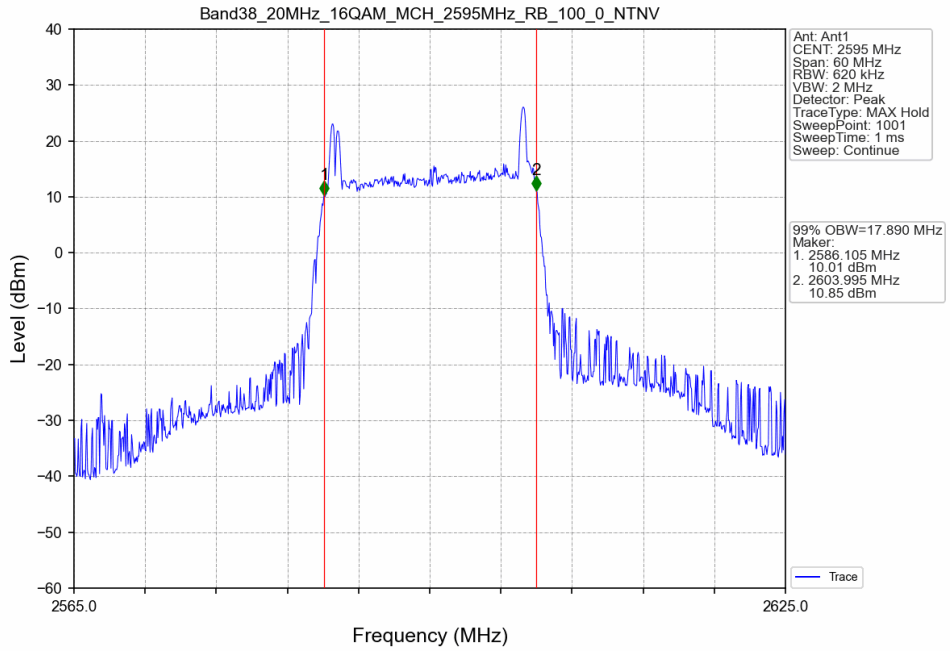
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



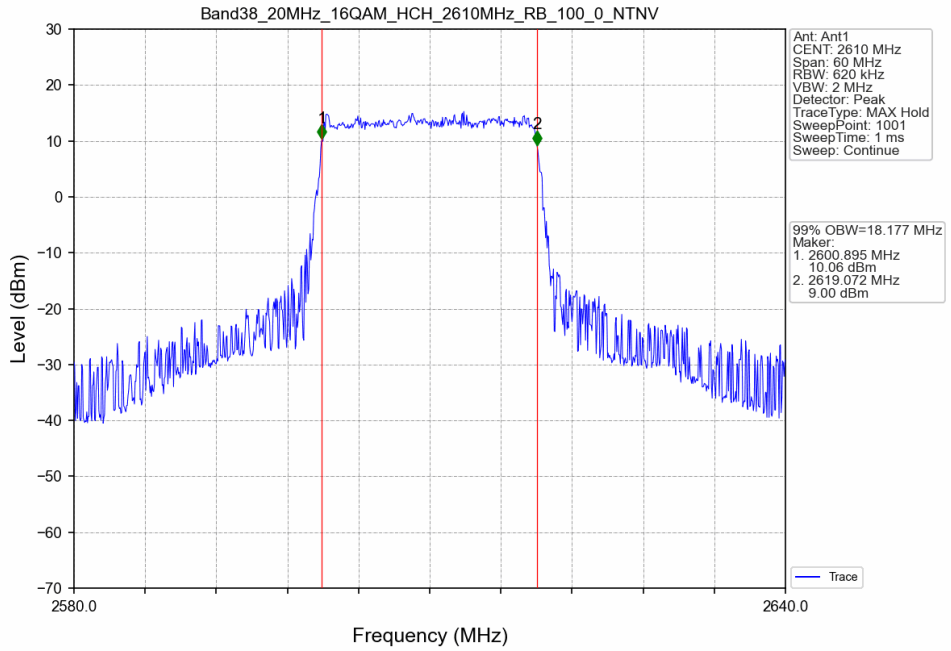
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



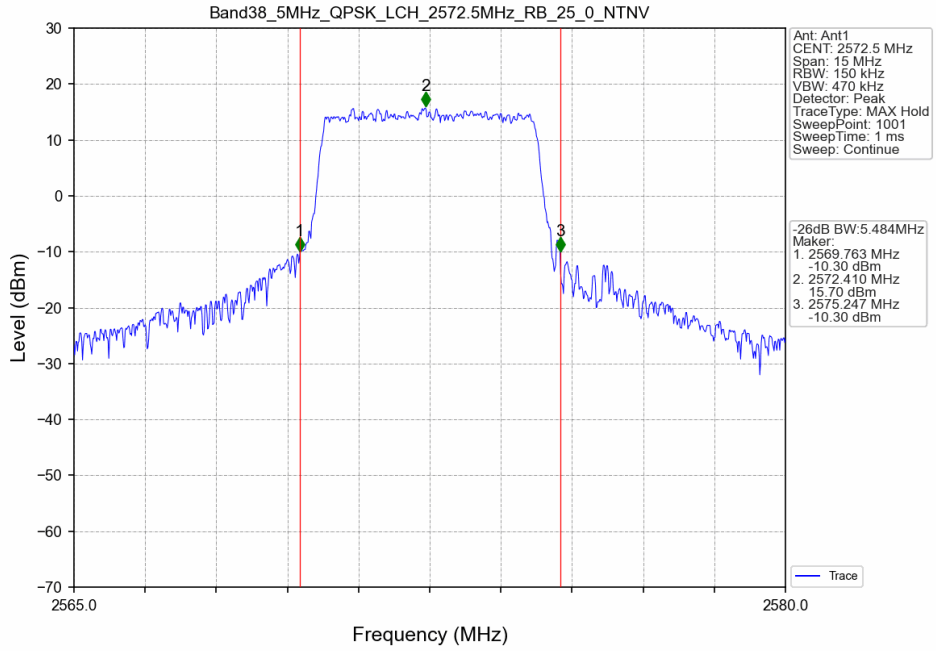
8.2 Band38_XDB

8.2.1 Test Result

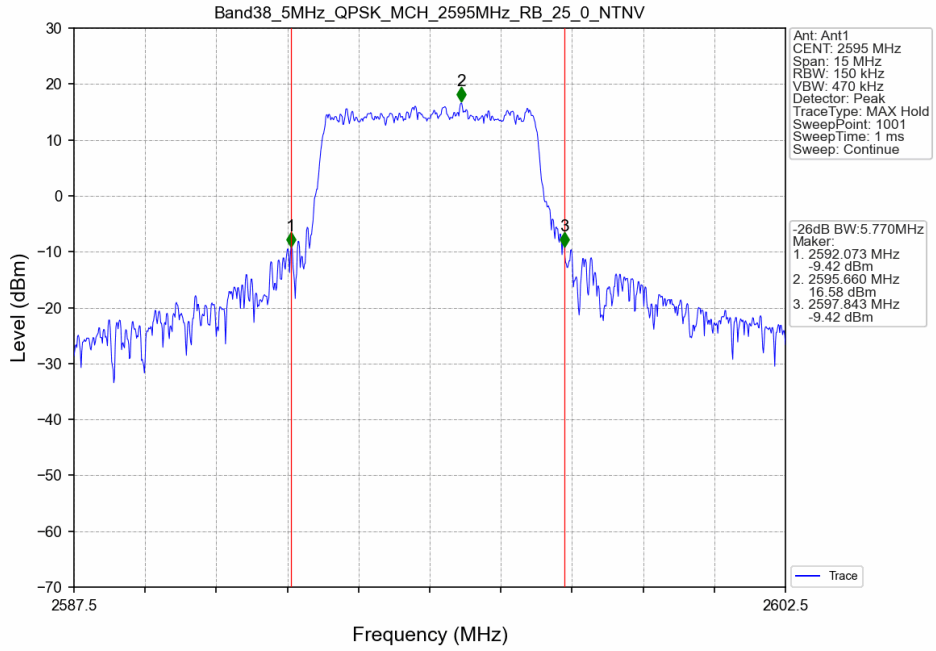
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	5.484	/	Pass
		2595	25	0	5.770	/	Pass
		2617.5	25	0	5.501	/	Pass
	16QAM	2572.5	25	0	5.640	/	Pass
		2595	25	0	5.575	/	Pass
		2617.5	25	0	5.548	/	Pass
10	QPSK	2575	50	0	10.116	/	Pass
		2595	50	0	9.780	/	Pass
		2615	50	0	10.677	/	Pass
	16QAM	2575	50	0	10.499	/	Pass
		2595	50	0	10.291	/	Pass
		2615	50	0	11.318	/	Pass
15	QPSK	2577.5	75	0	15.604	/	Pass
		2595	75	0	17.383	/	Pass
		2612.5	75	0	16.480	/	Pass
	16QAM	2577.5	75	0	15.667	/	Pass
		2595	75	0	14.457	/	Pass
		2612.5	75	0	17.452	/	Pass
20	QPSK	2580	100	0	19.284	/	Pass
		2595	100	0	20.733	/	Pass
		2610	100	0	21.157	/	Pass
	16QAM	2580	100	0	20.026	/	Pass
		2595	100	0	19.032	/	Pass
		2610	100	0	20.576	/	Pass

8.2.2 Test Graph

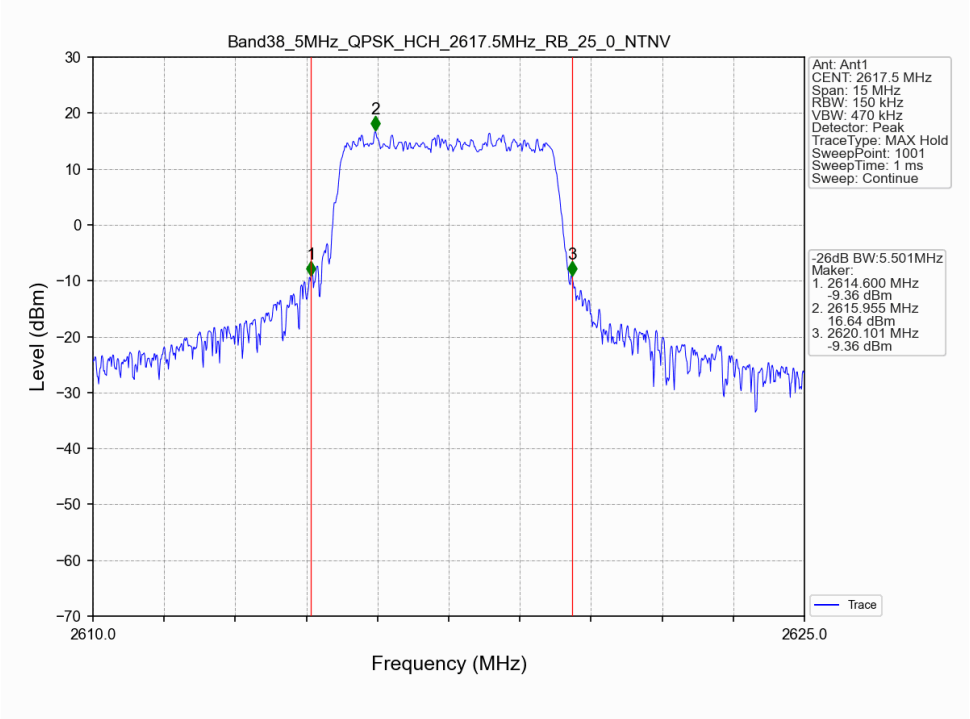
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



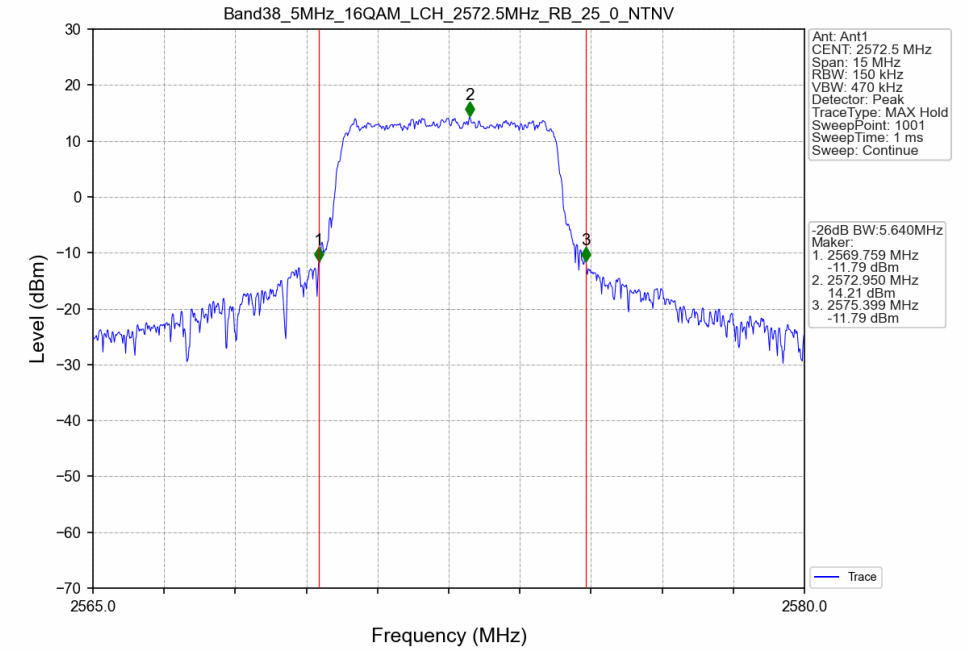
Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV



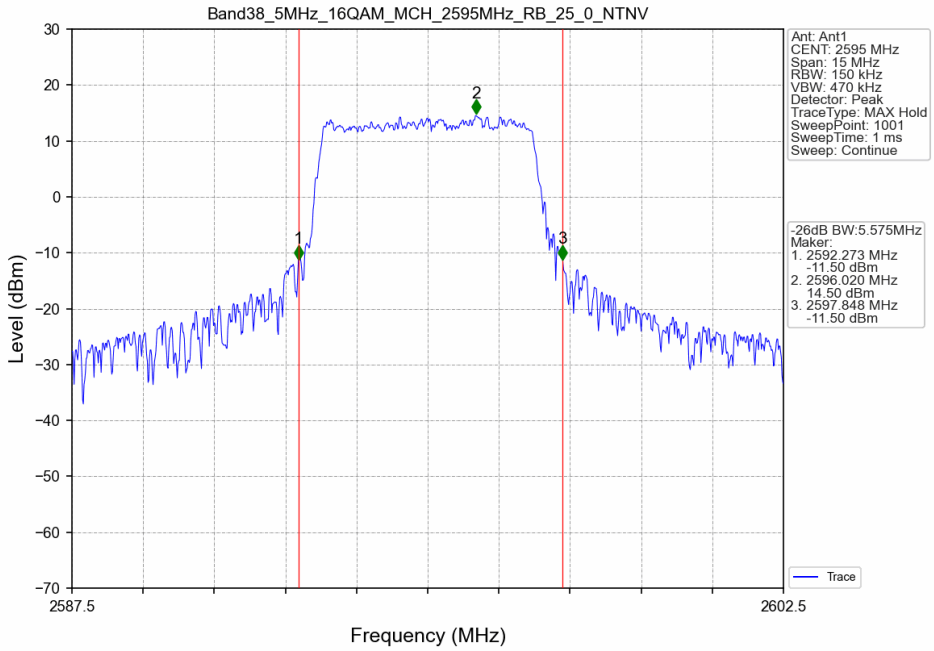
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



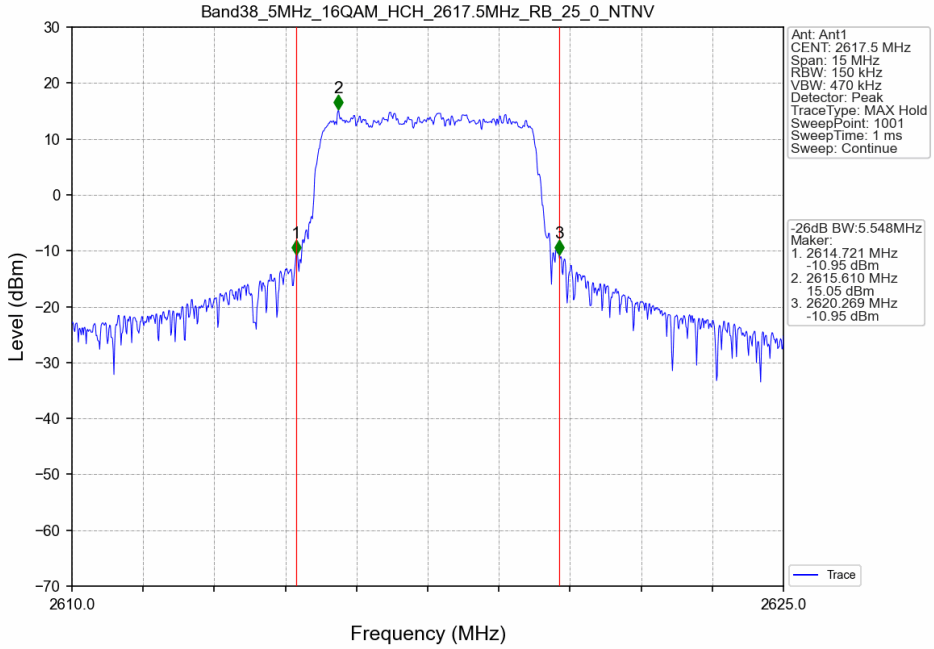
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



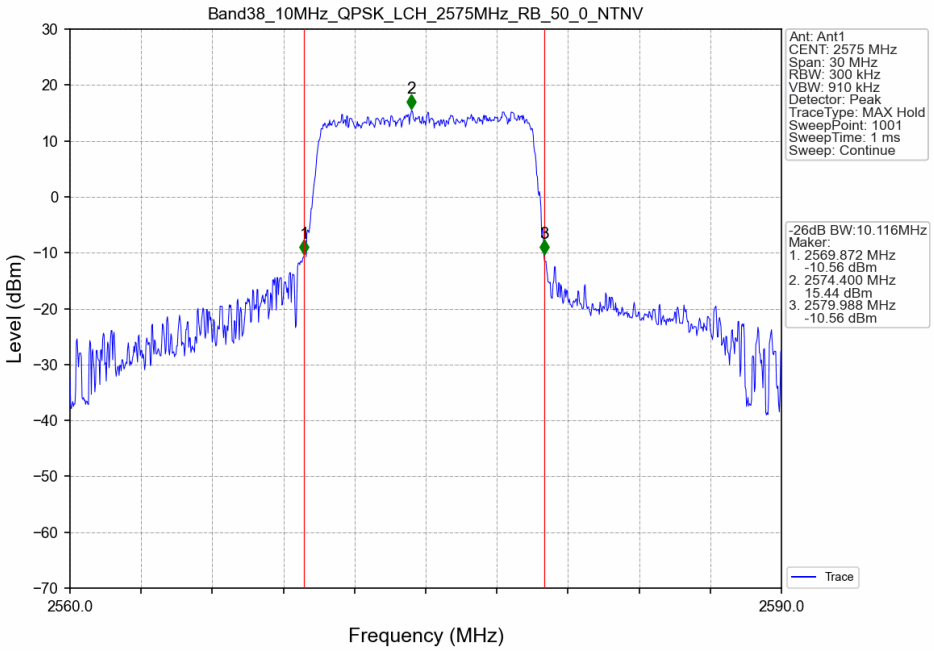
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



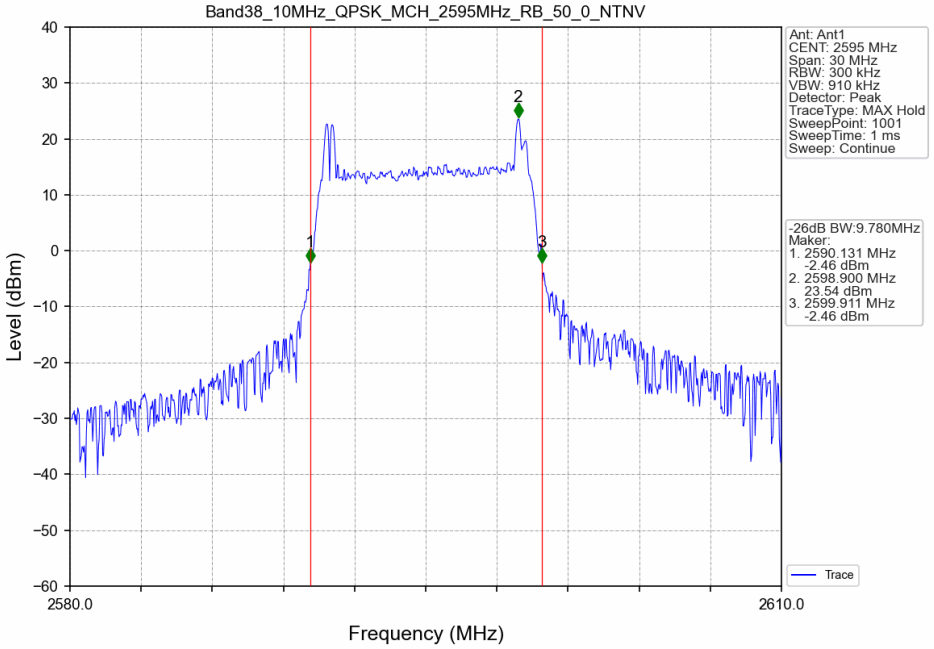
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



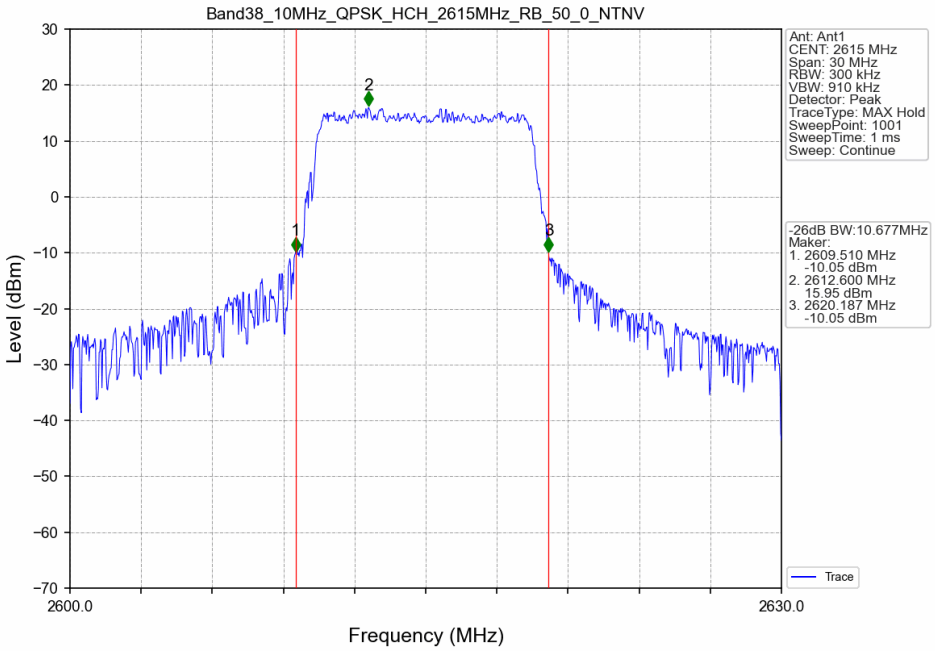
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



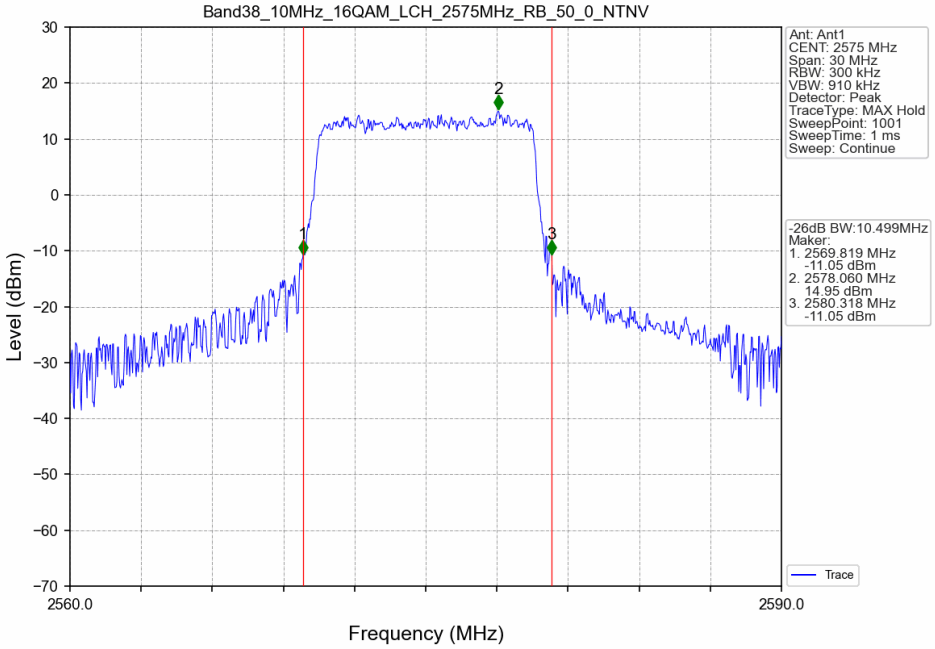
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



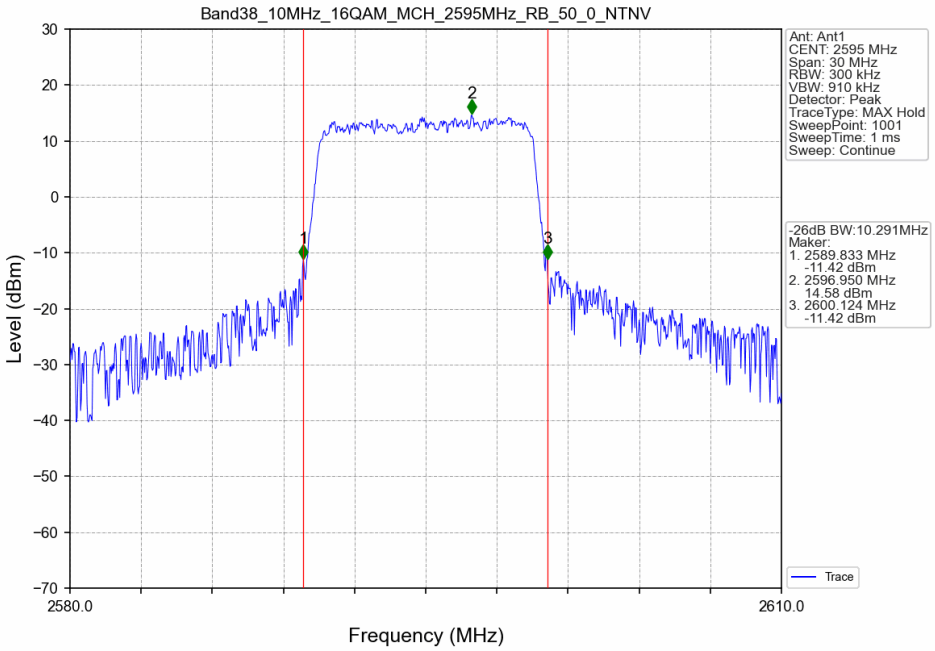
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



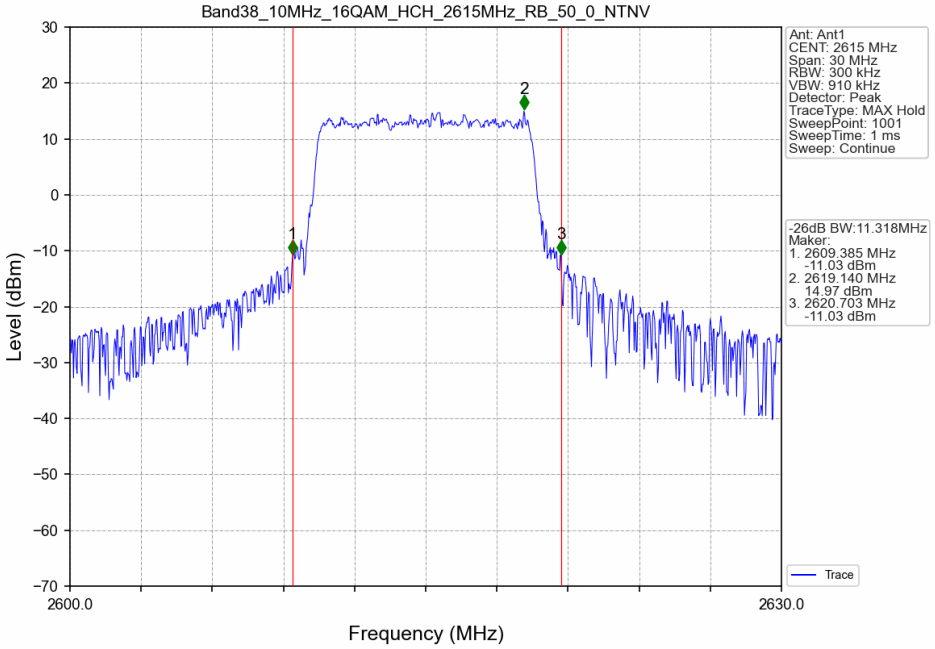
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



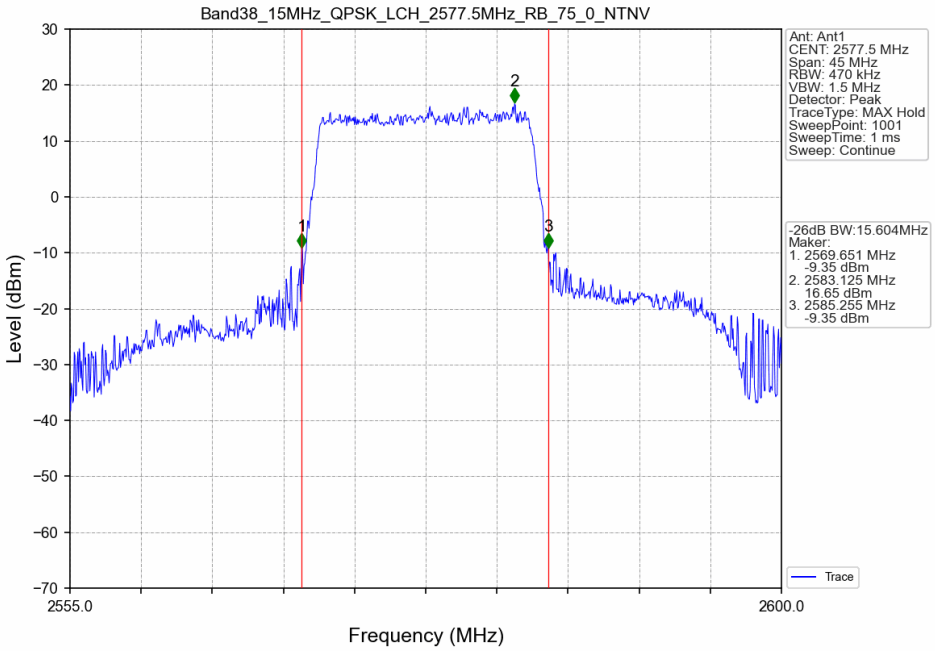
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



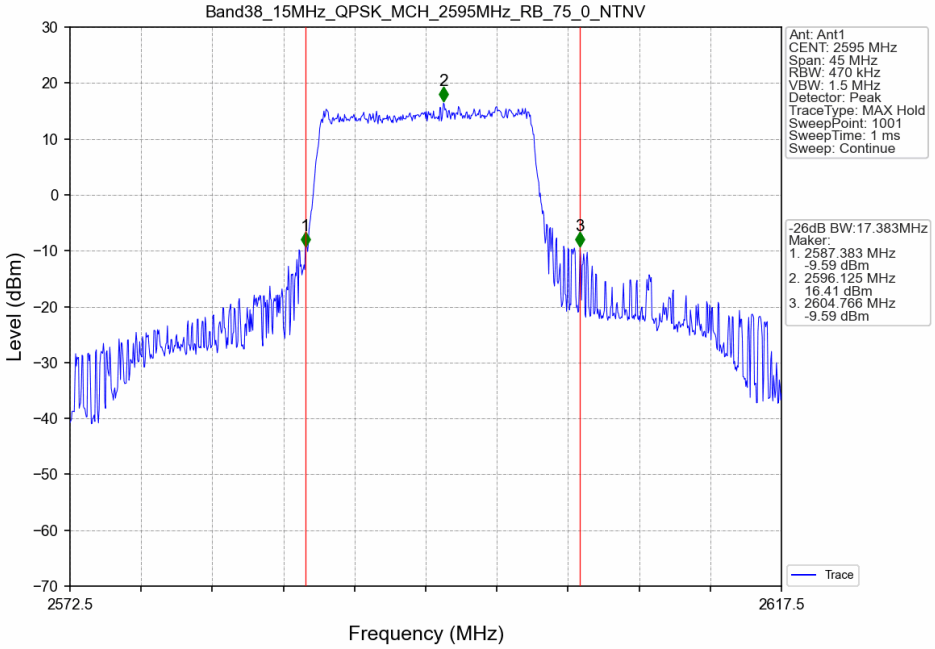
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



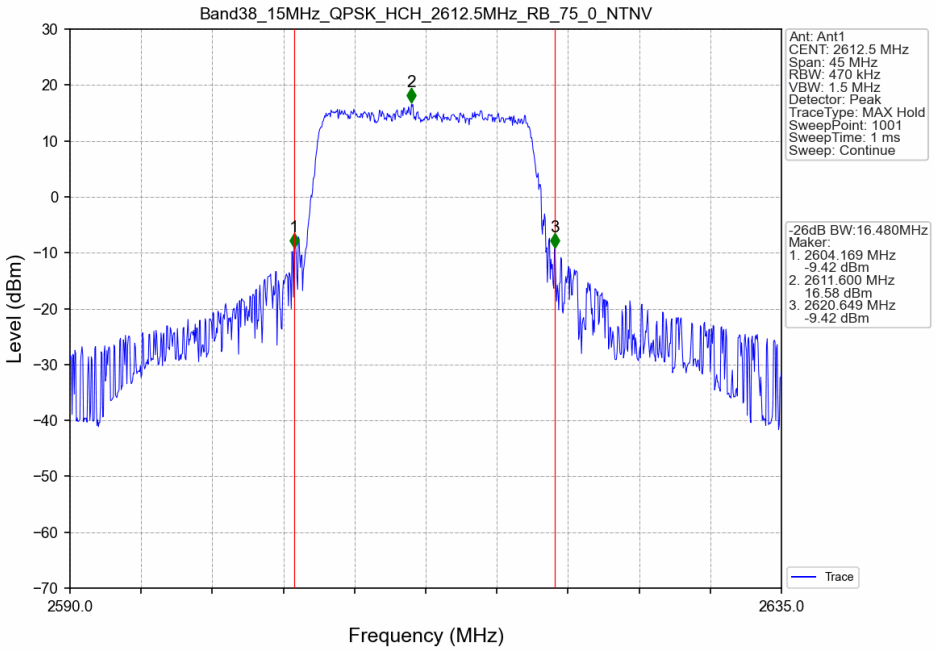
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



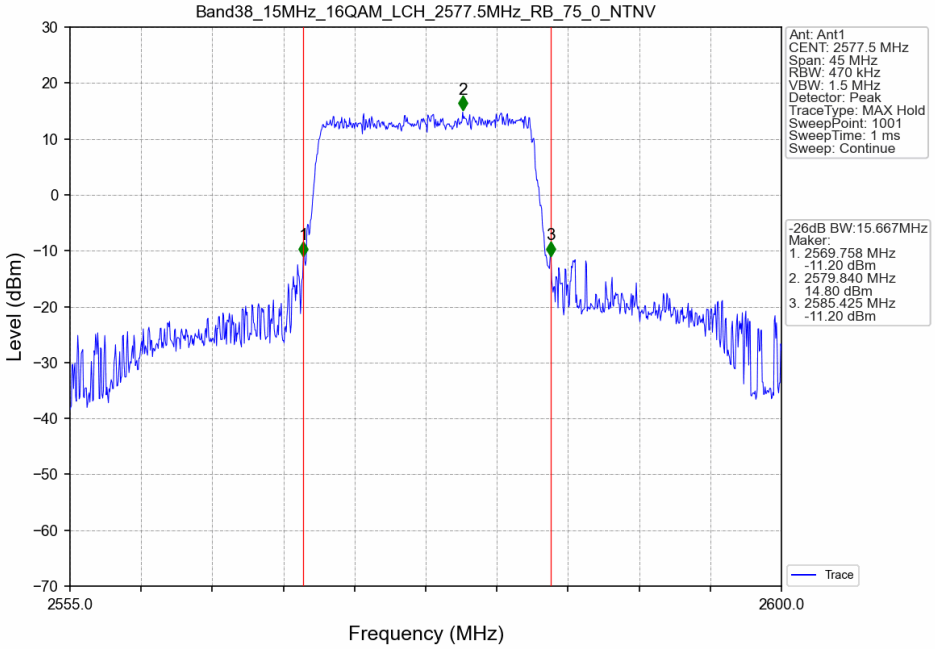
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



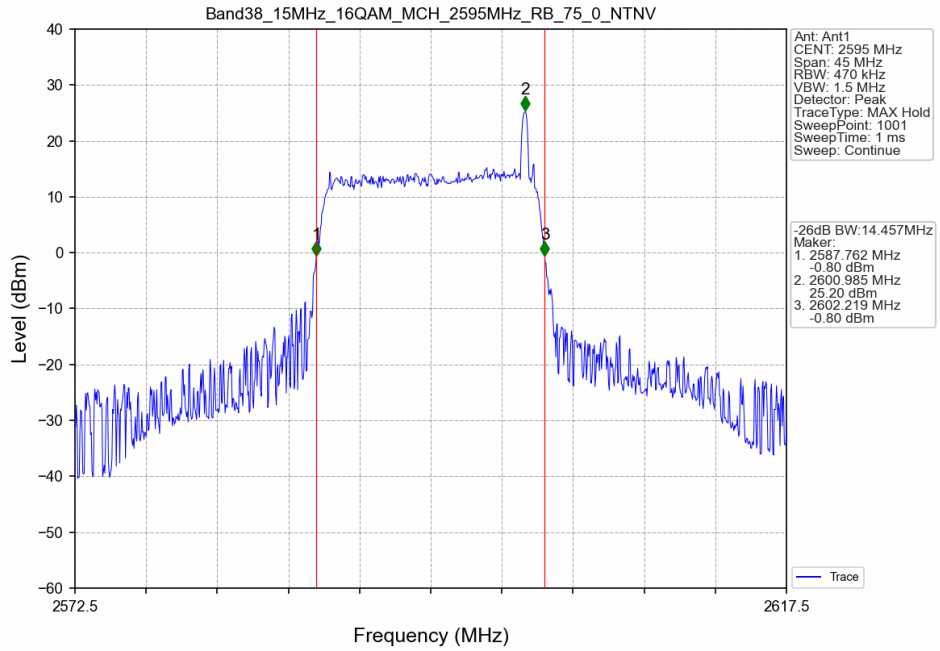
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



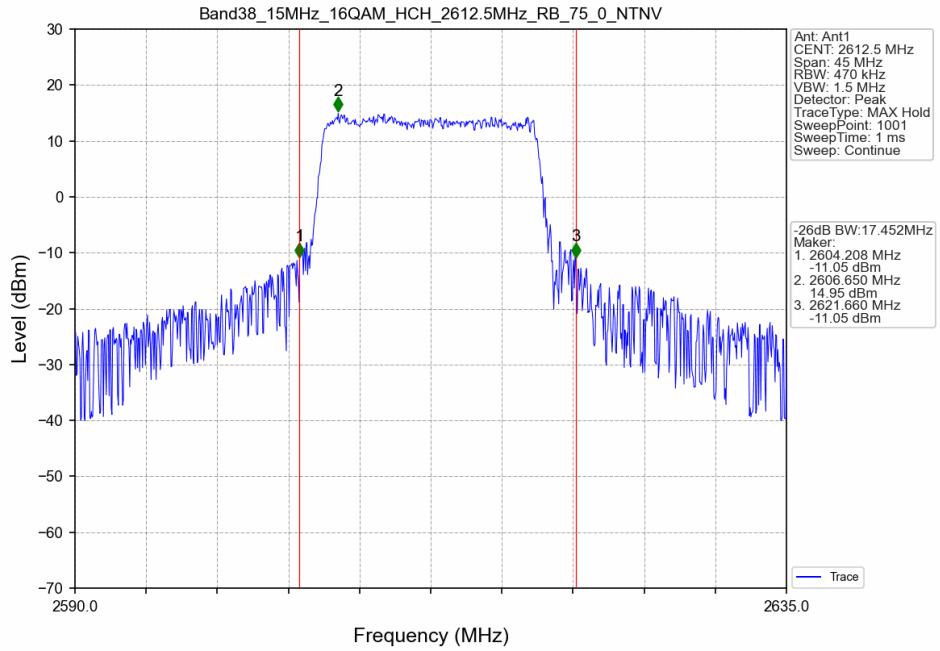
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



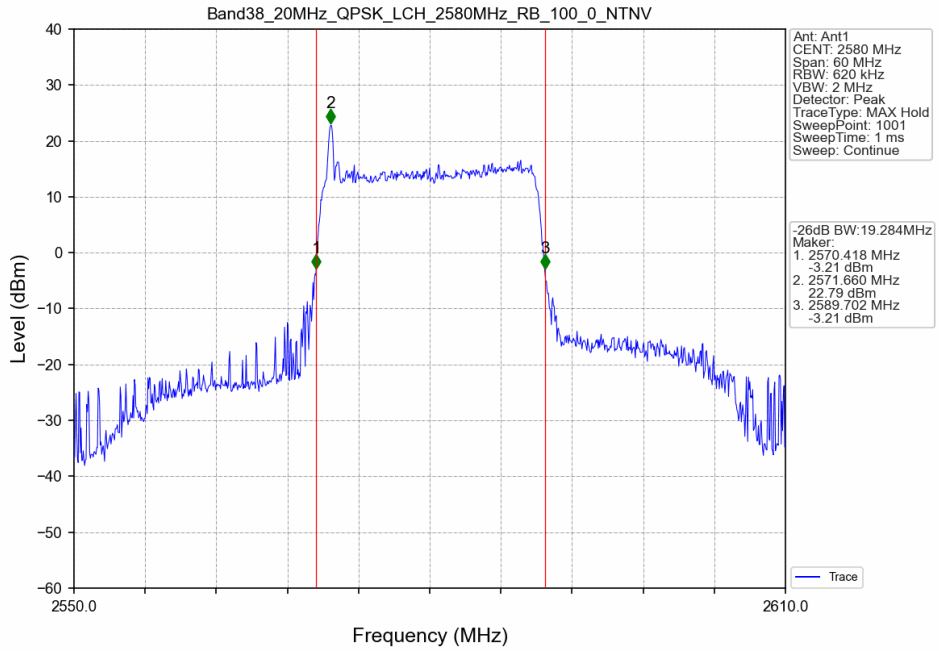
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



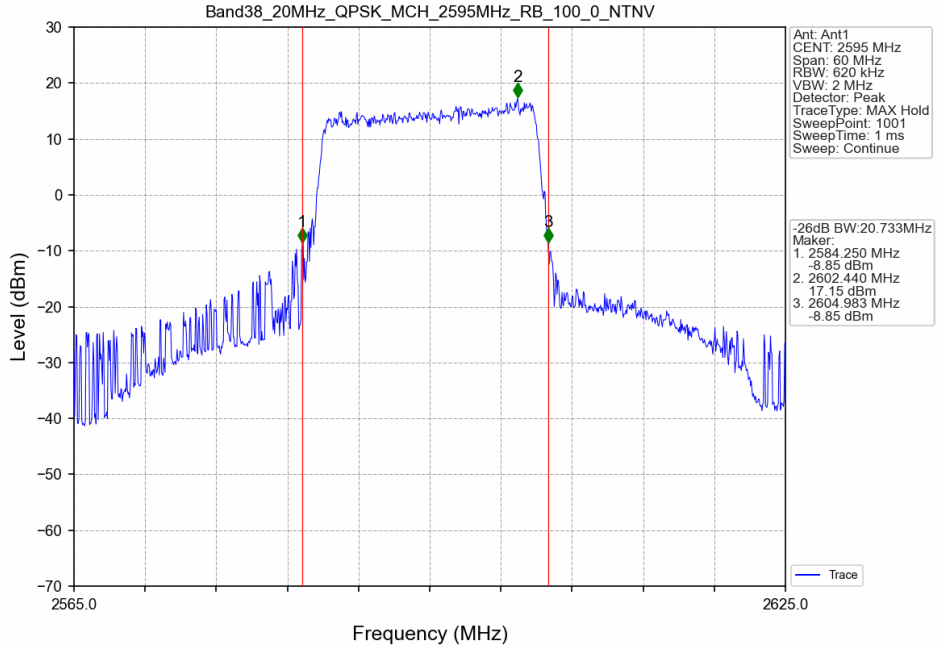
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



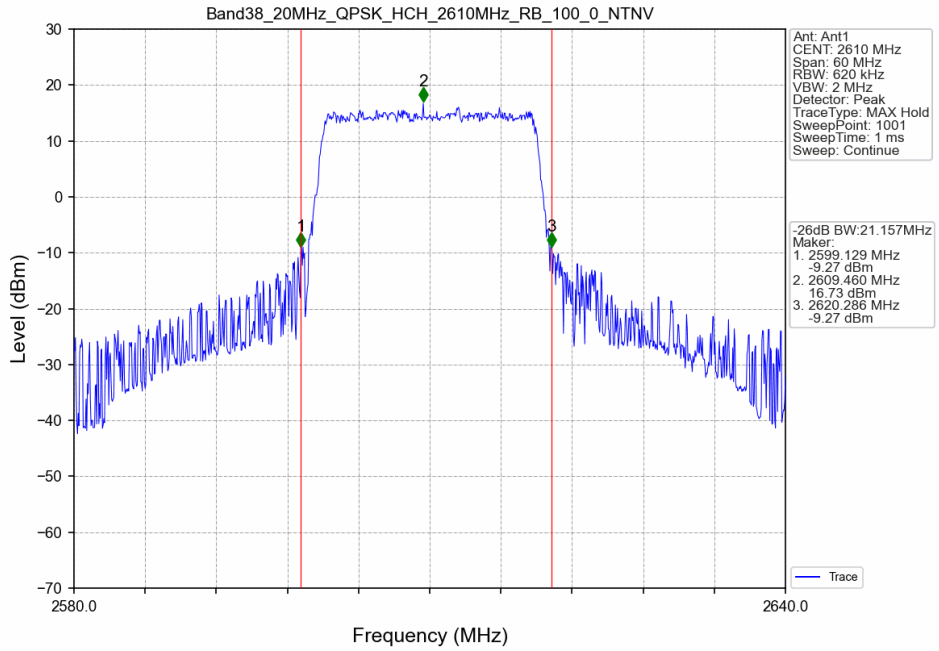
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



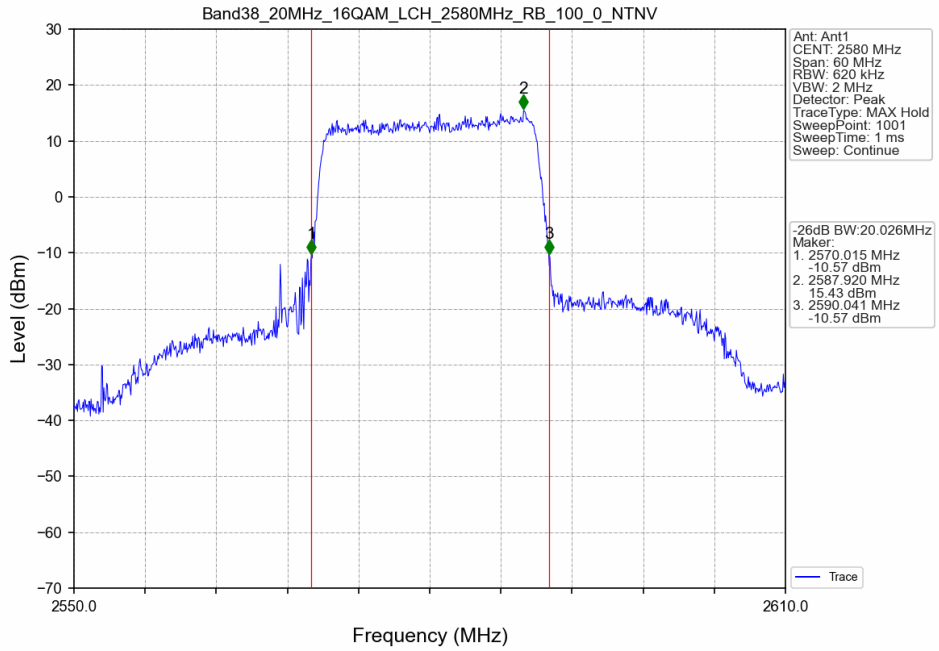
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



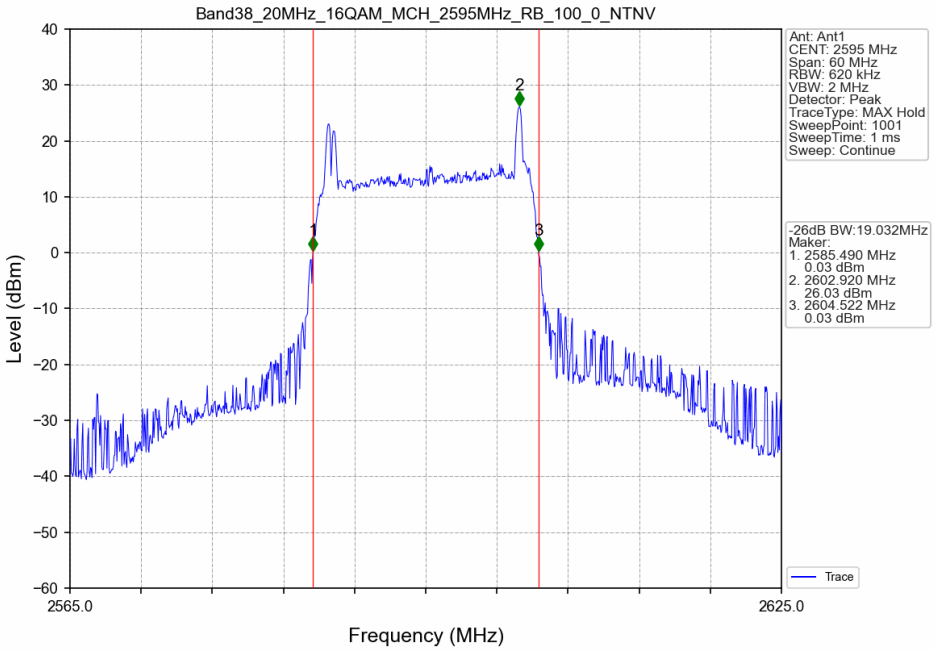
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



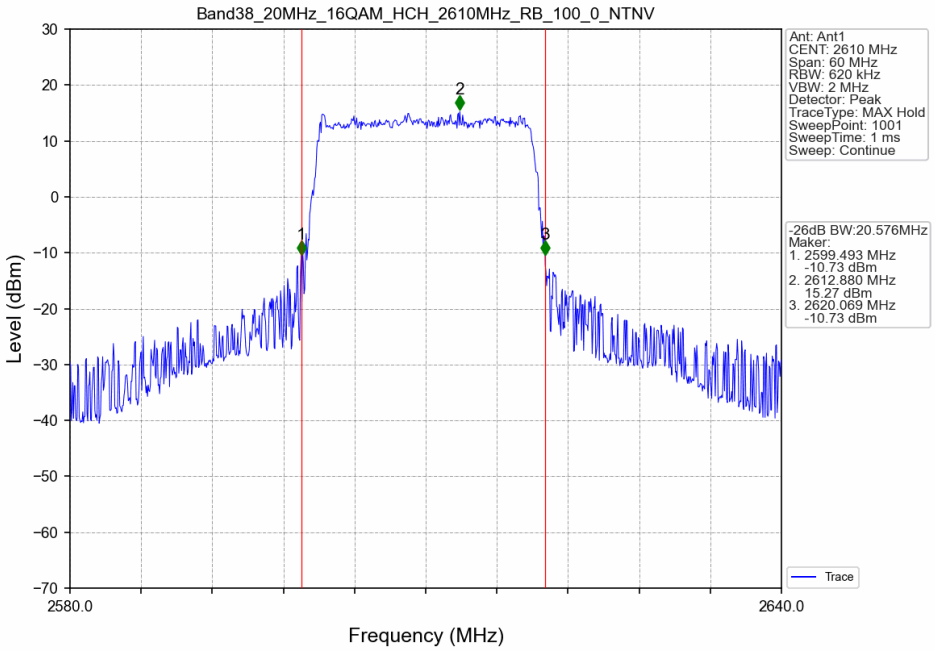
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



9. 99% & 26dB Bandwidth

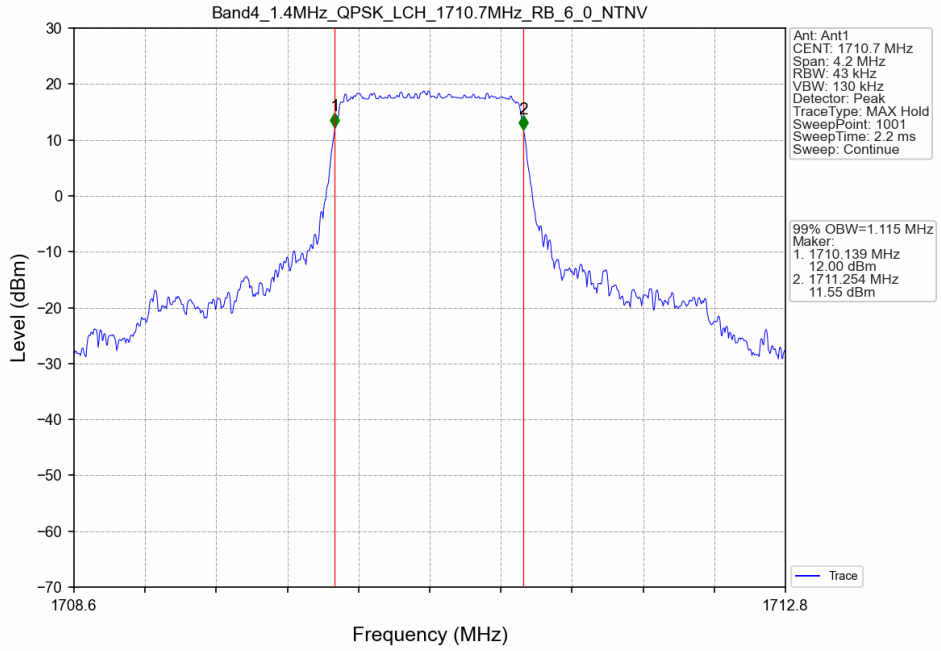
9.1 Band4_OBW

9.1.1 Test Result

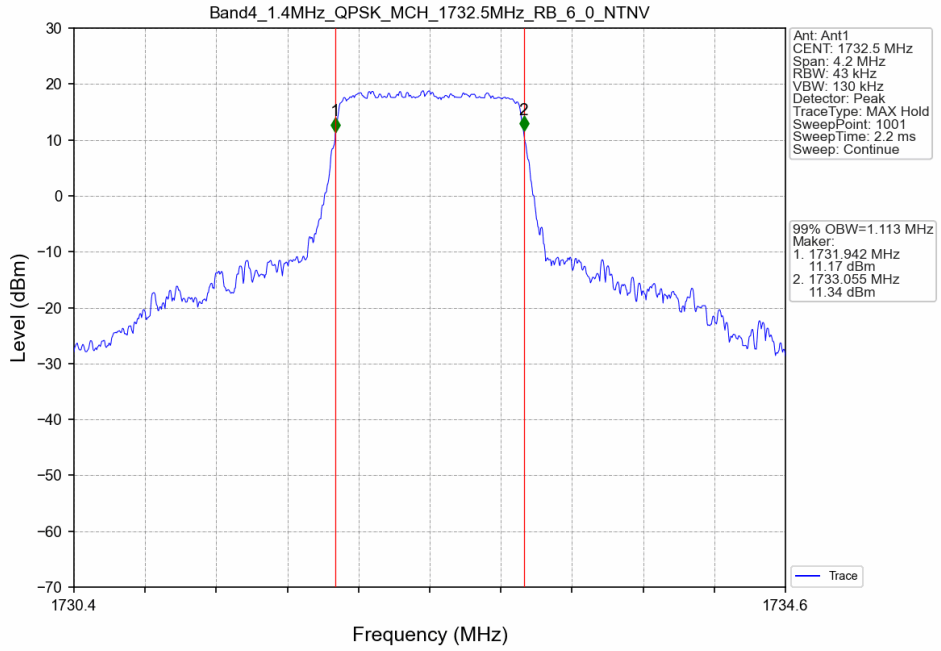
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.115	/	Pass
		1732.5	6	0	1.113	/	Pass
		1754.3	6	0	1.122	/	Pass
	16QAM	1710.7	6	0	1.120	/	Pass
		1732.5	6	0	1.126	/	Pass
		1754.3	6	0	1.134	/	Pass
3	QPSK	1711.5	15	0	2.755	/	Pass
		1732.5	15	0	2.761	/	Pass
		1753.5	15	0	2.776	/	Pass
	16QAM	1711.5	15	0	2.789	/	Pass
		1732.5	15	0	2.764	/	Pass
		1753.5	15	0	2.794	/	Pass
5	QPSK	1712.5	25	0	4.588	/	Pass
		1732.5	25	0	4.567	/	Pass
		1752.5	25	0	4.570	/	Pass
	16QAM	1712.5	25	0	4.595	/	Pass
		1732.5	25	0	4.619	/	Pass
		1752.5	25	0	4.609	/	Pass
10	QPSK	1715	50	0	9.066	/	Pass
		1732.5	50	0	9.083	/	Pass
		1750	50	0	9.093	/	Pass
	16QAM	1715	50	0	9.068	/	Pass
		1732.5	50	0	9.104	/	Pass
		1750	50	0	9.081	/	Pass
15	QPSK	1717.5	75	0	13.603	/	Pass
		1732.5	75	0	13.657	/	Pass
		1747.5	75	0	13.636	/	Pass
	16QAM	1717.5	75	0	13.598	/	Pass
		1732.5	75	0	13.710	/	Pass
		1747.5	75	0	13.626	/	Pass
20	QPSK	1720	100	0	18.169	/	Pass
		1732.5	100	0	18.273	/	Pass
		1745	100	0	18.187	/	Pass
	16QAM	1720	100	0	18.189	/	Pass
		1732.5	100	0	18.321	/	Pass
		1745	100	0	18.185	/	Pass

9.1.2 Test Graph

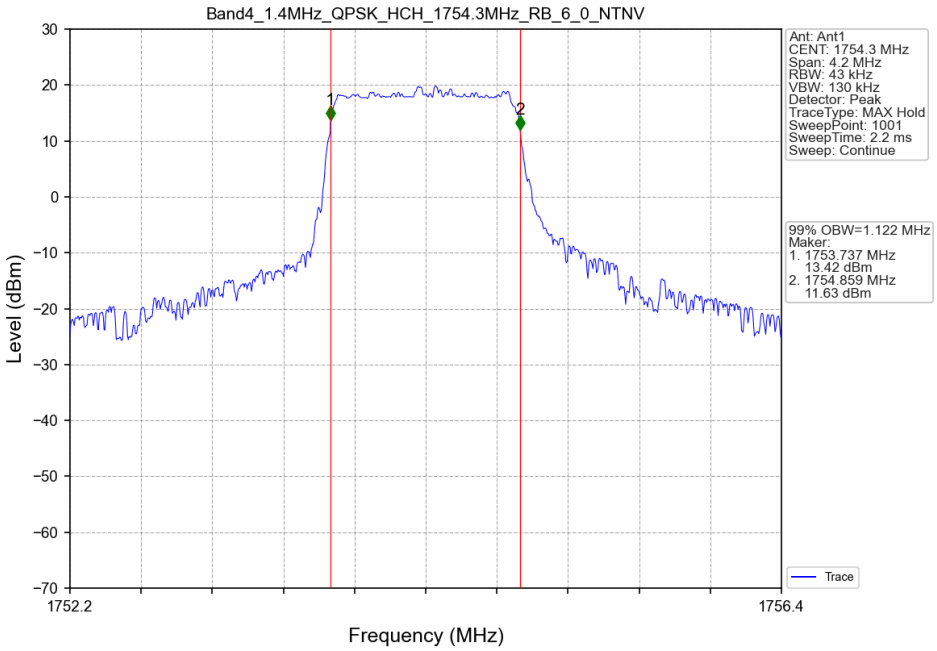
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



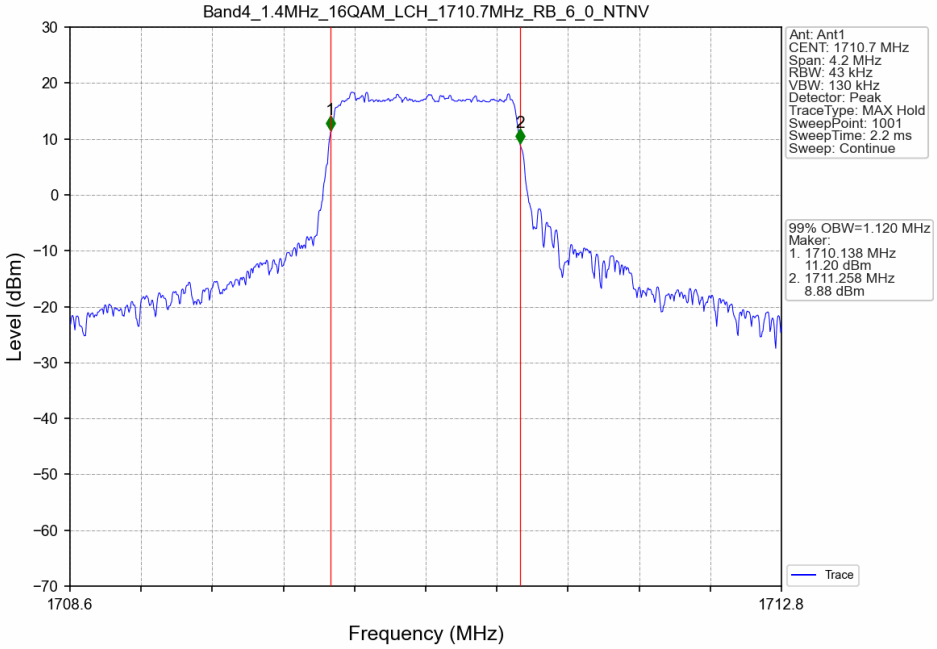
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



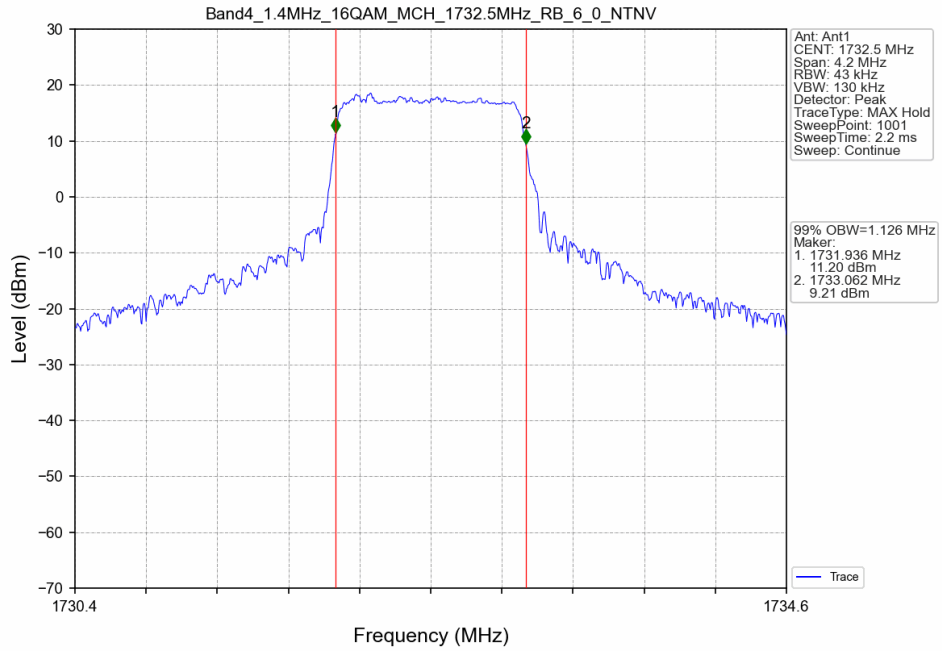
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



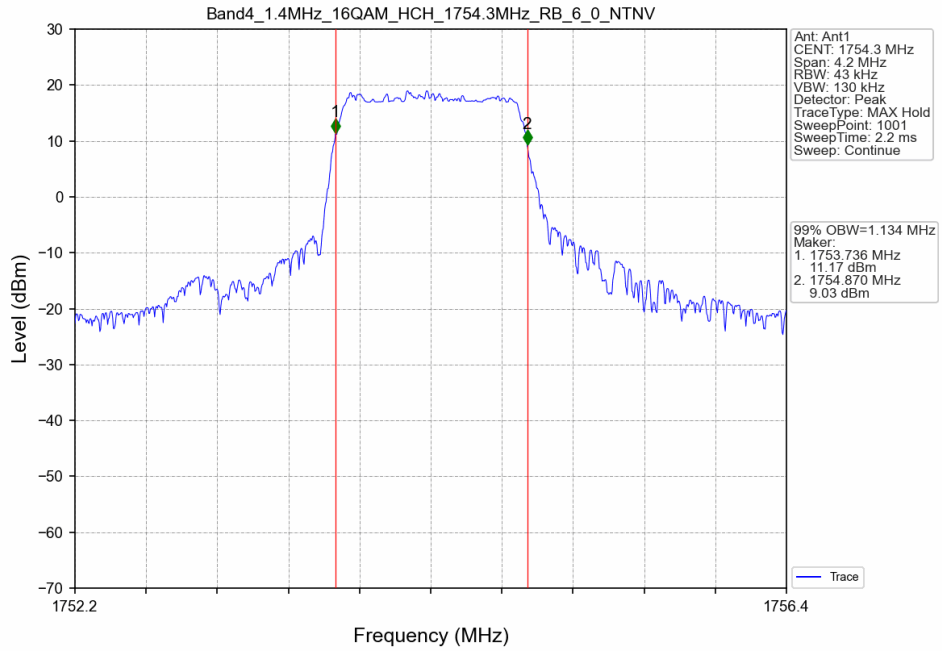
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



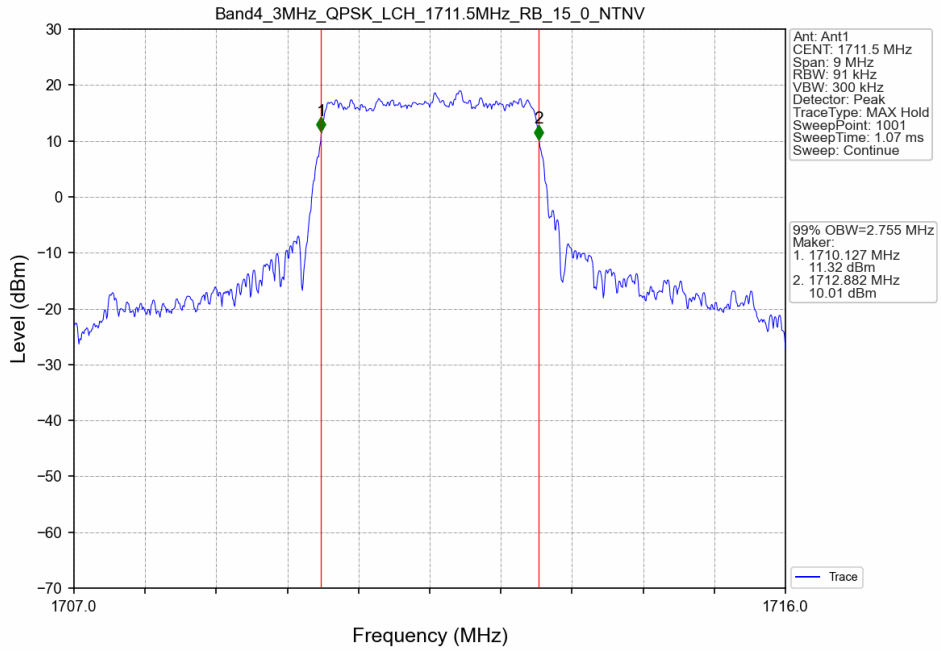
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



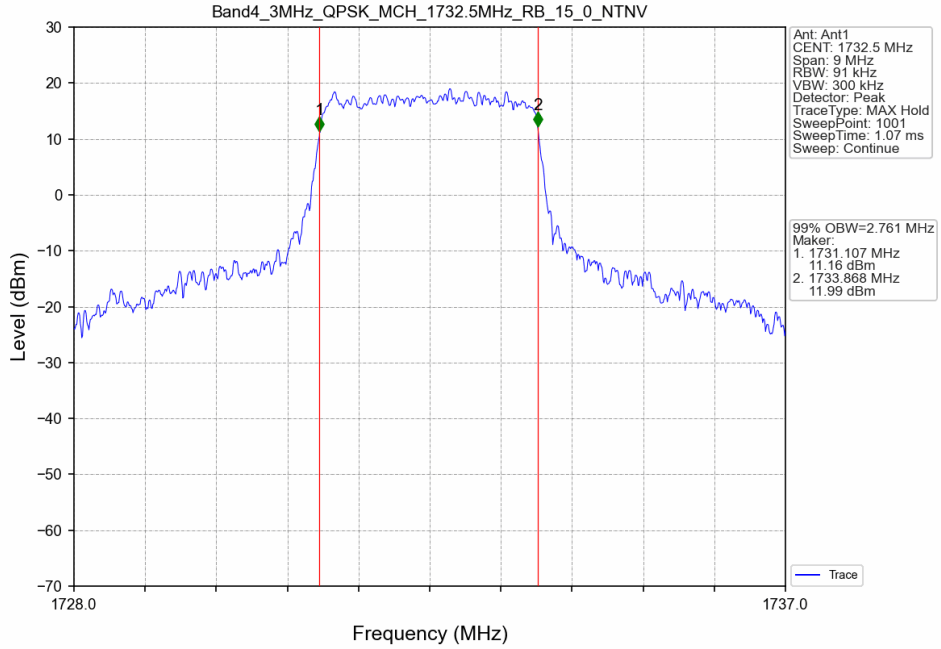
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



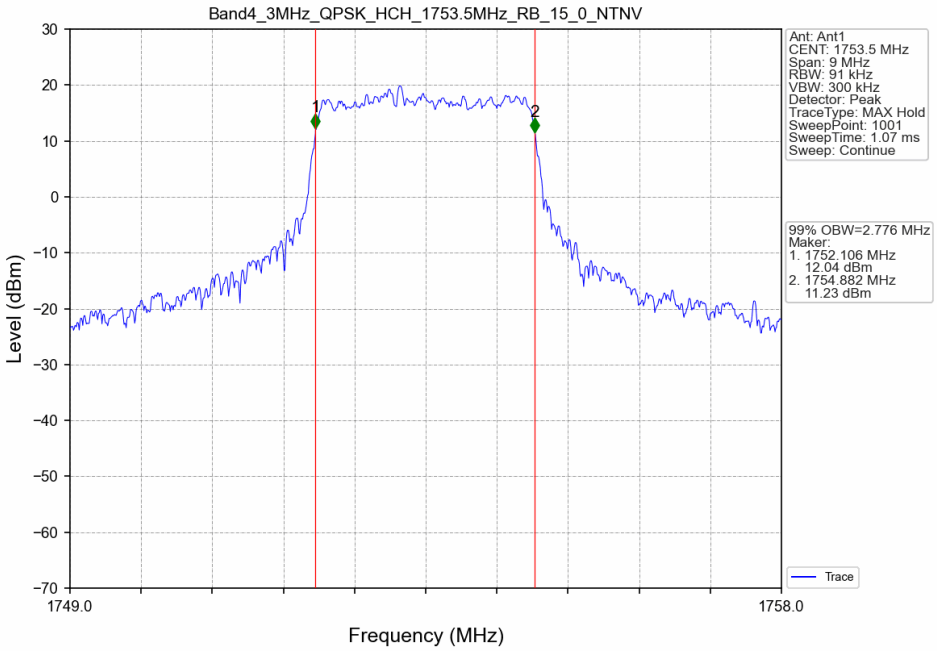
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



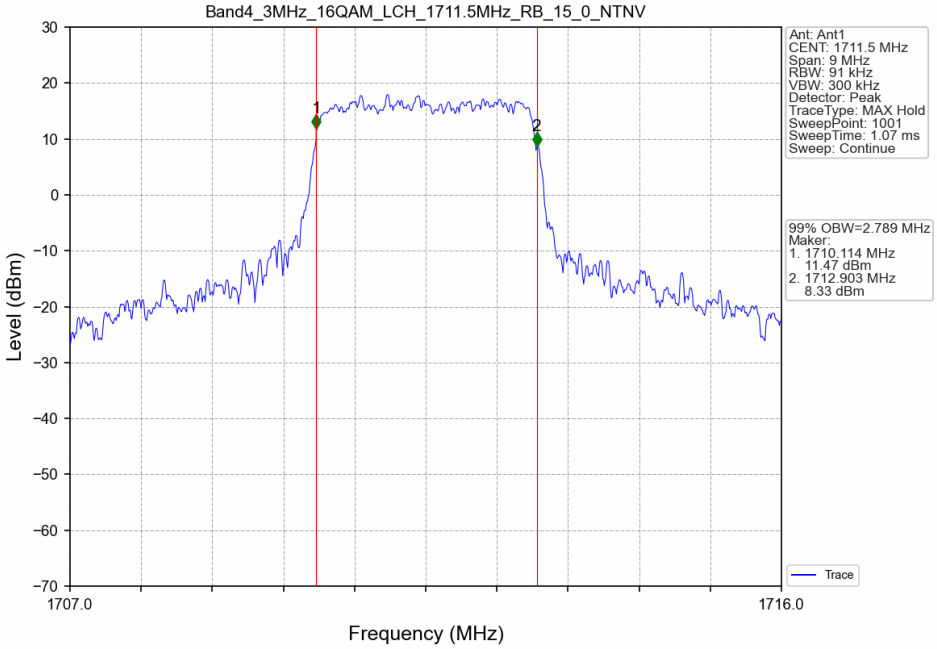
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



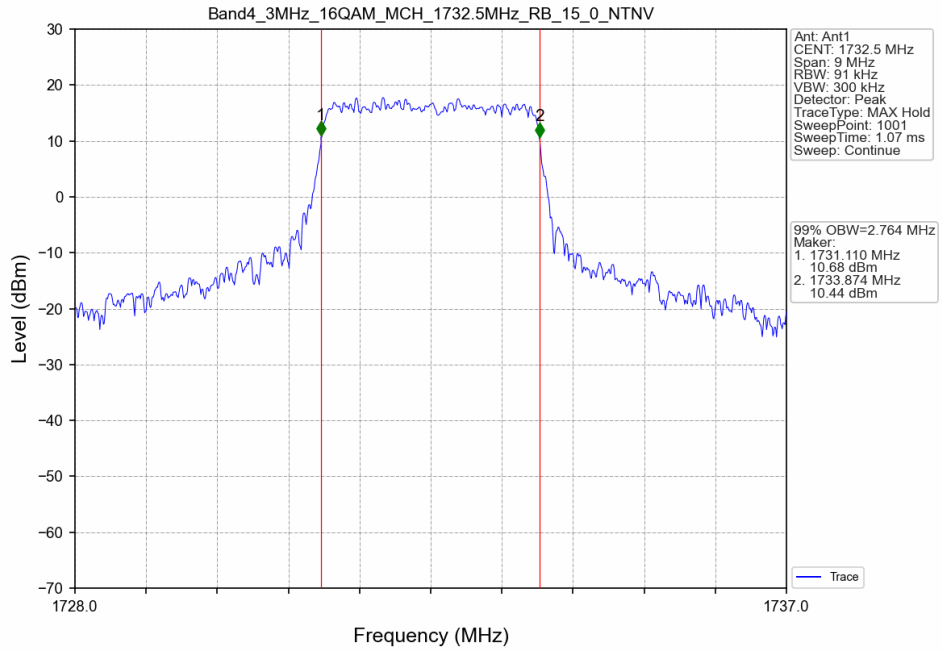
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



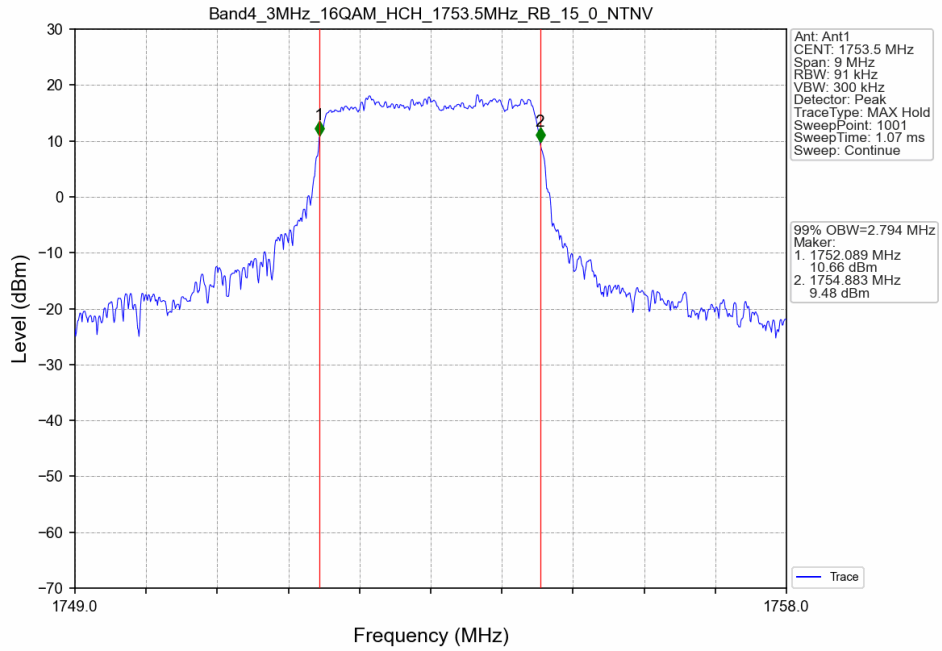
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



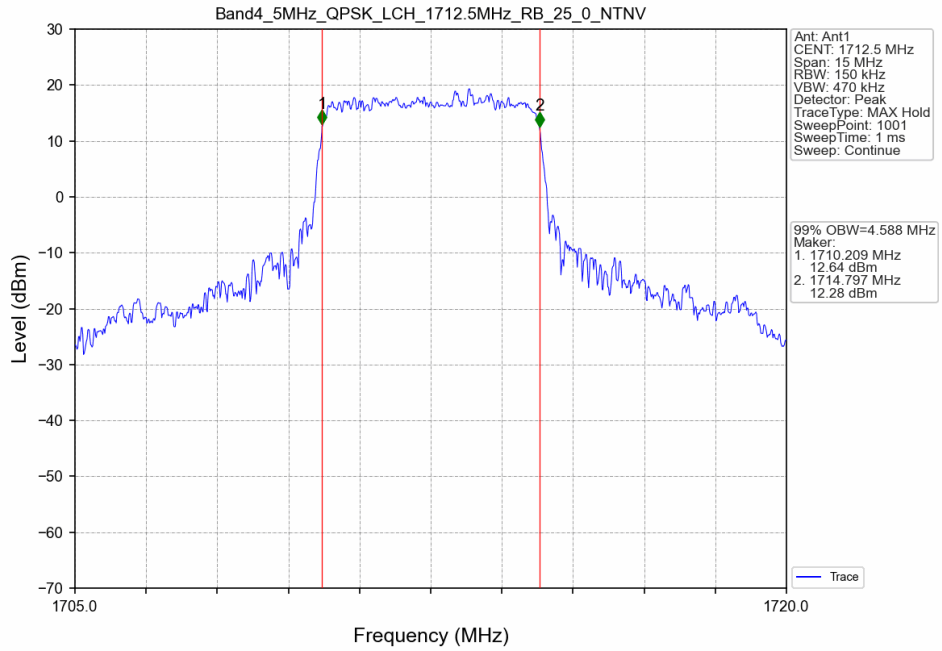
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



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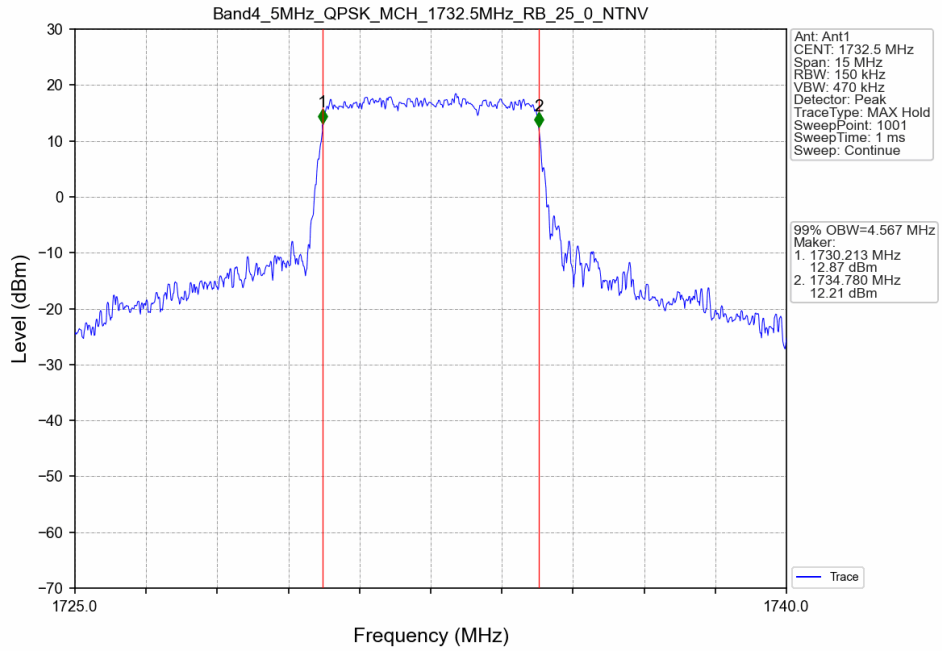

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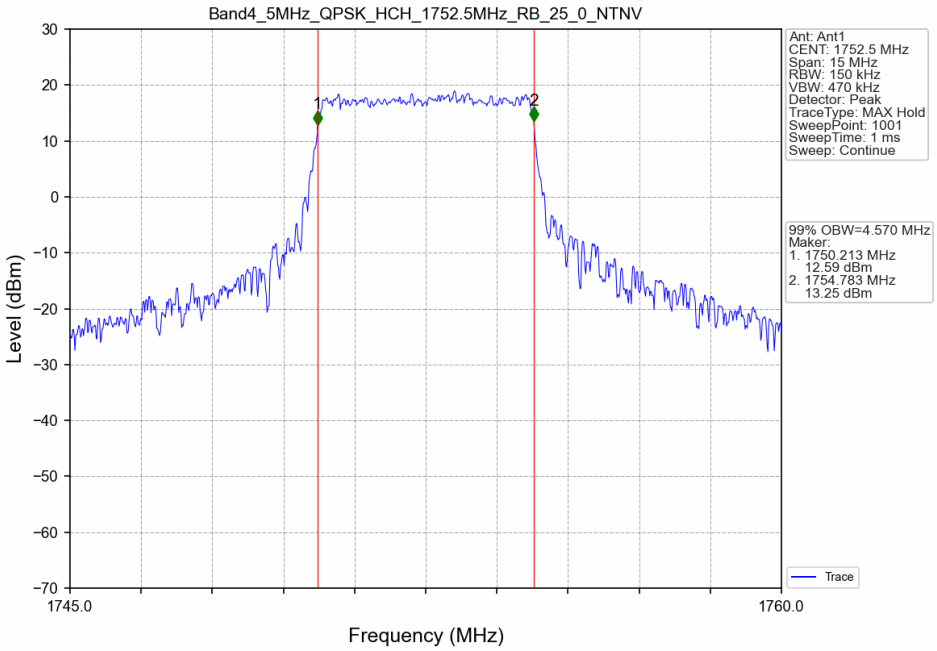
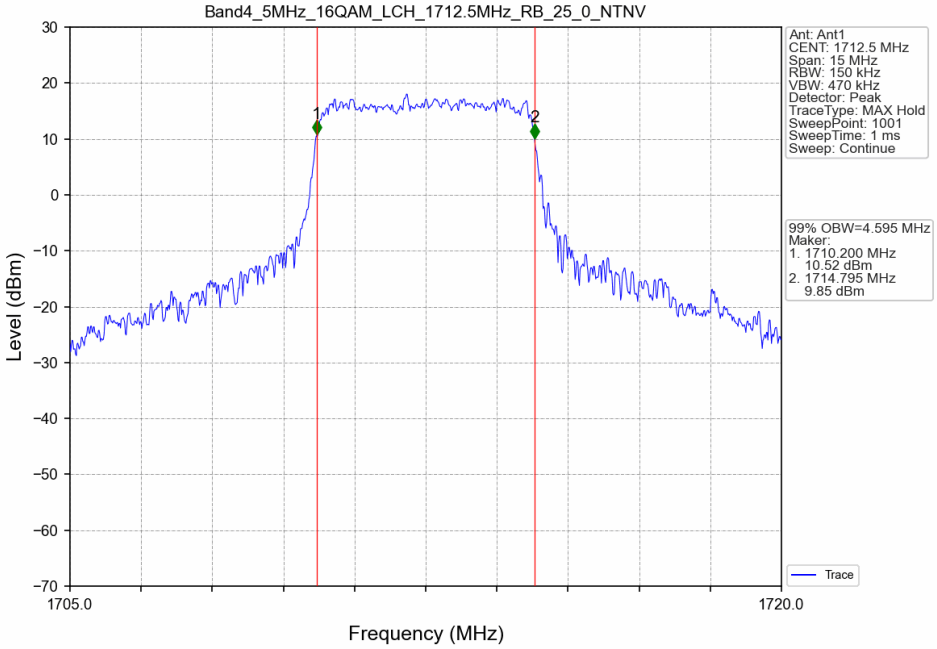


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



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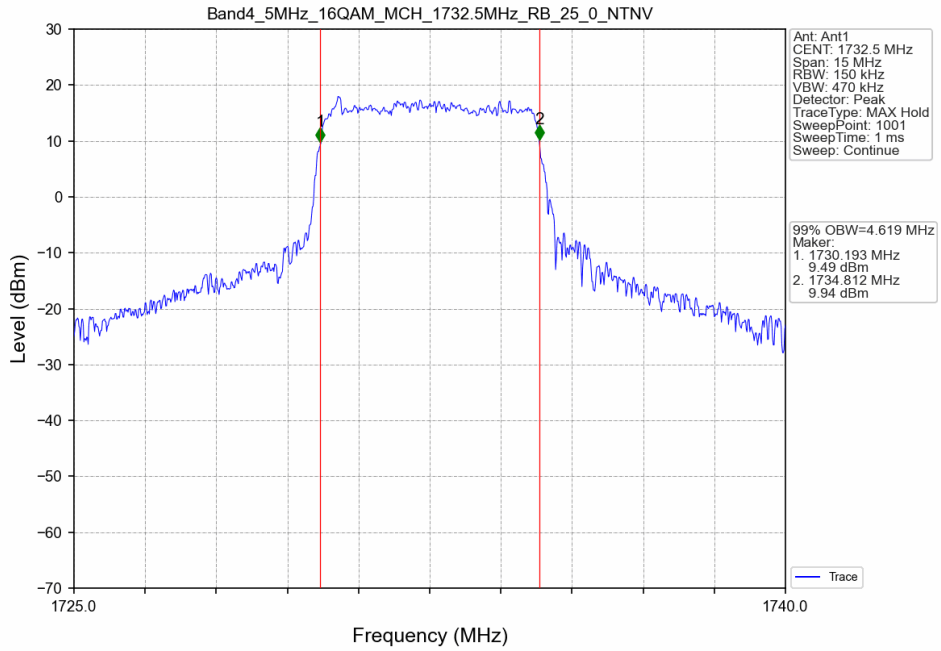
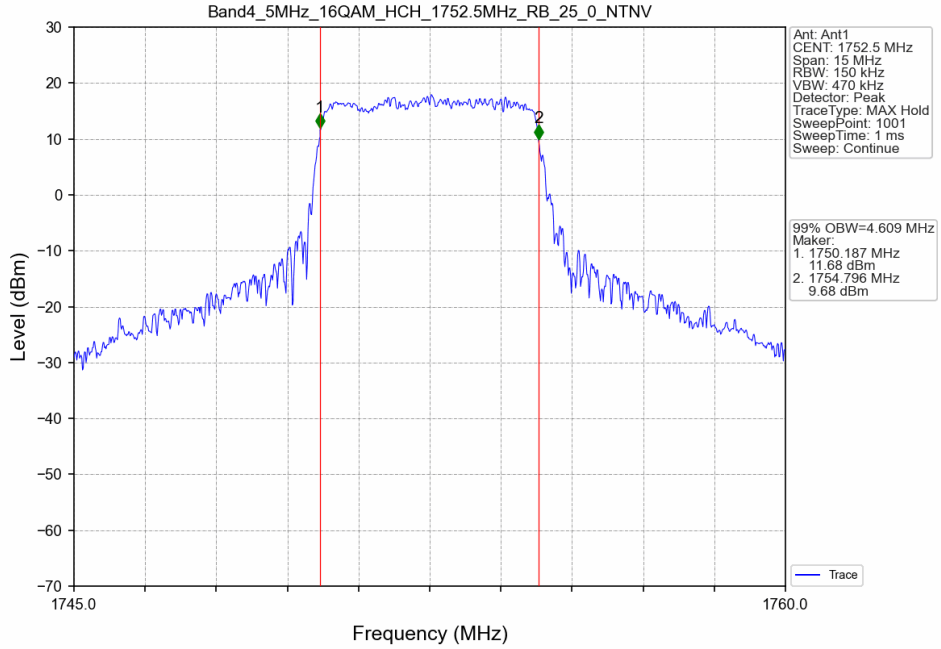


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



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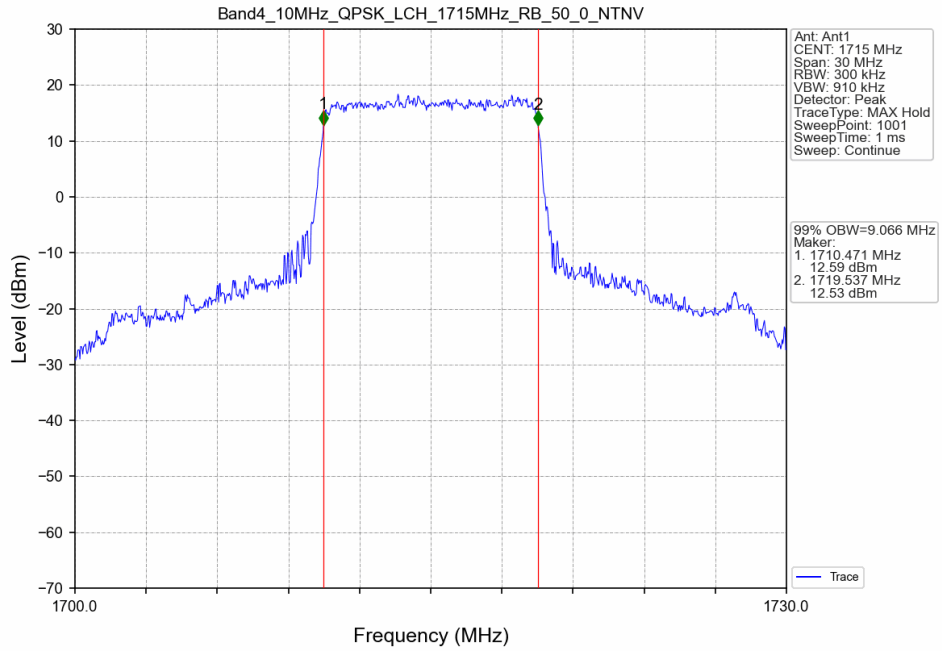
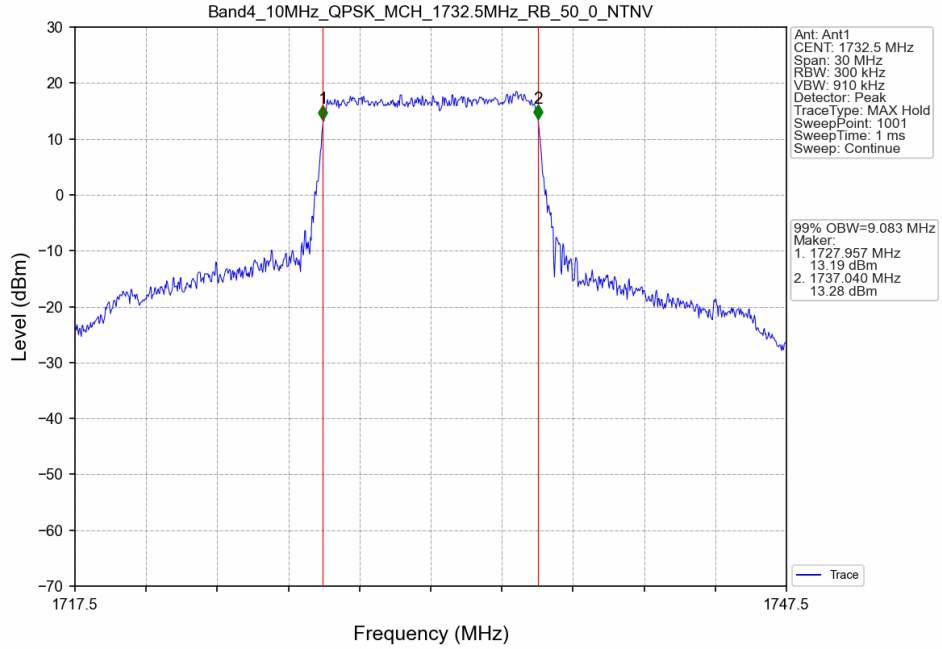
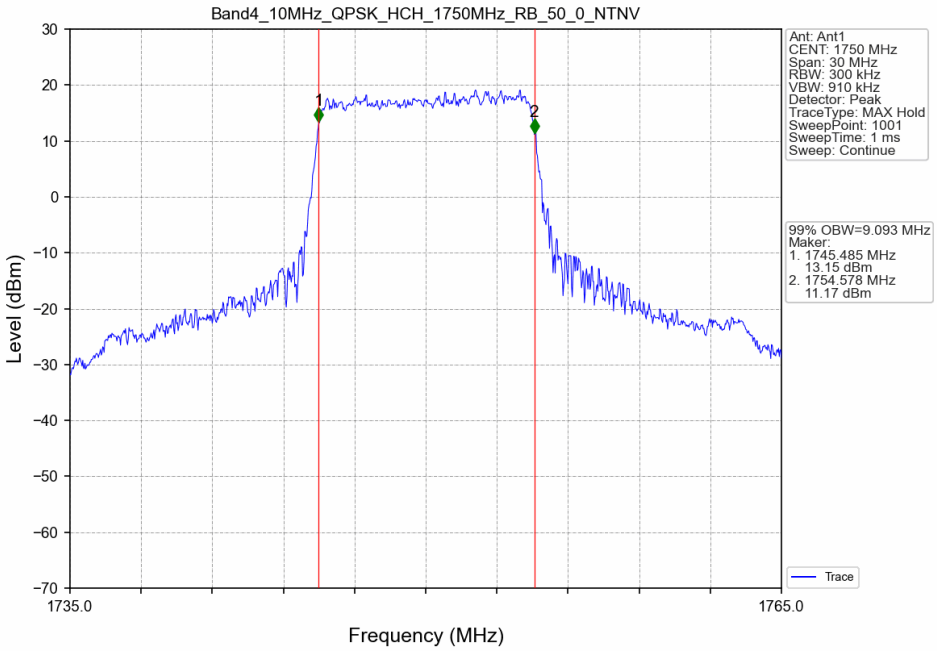
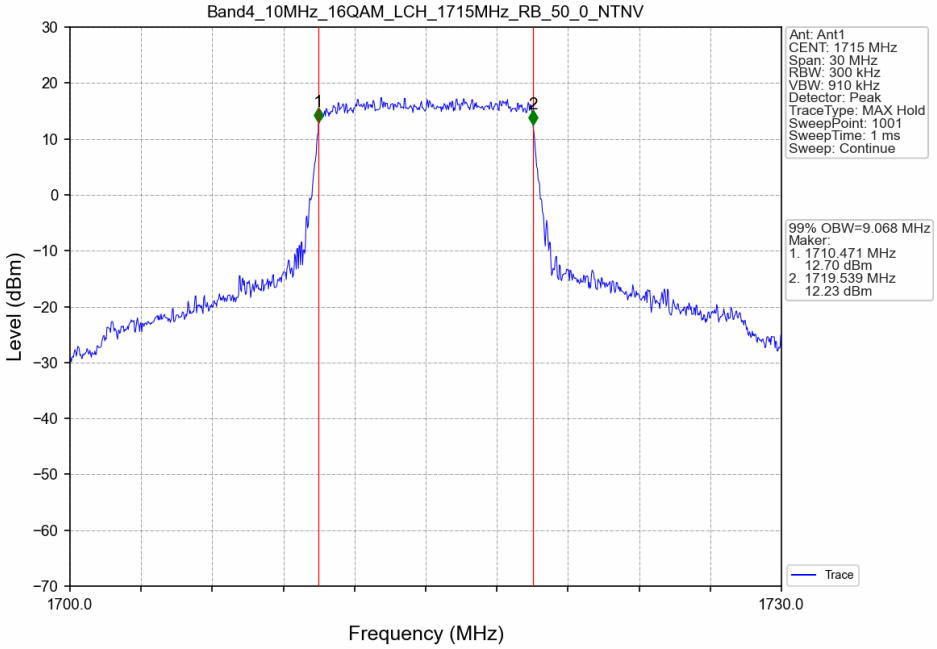


Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV