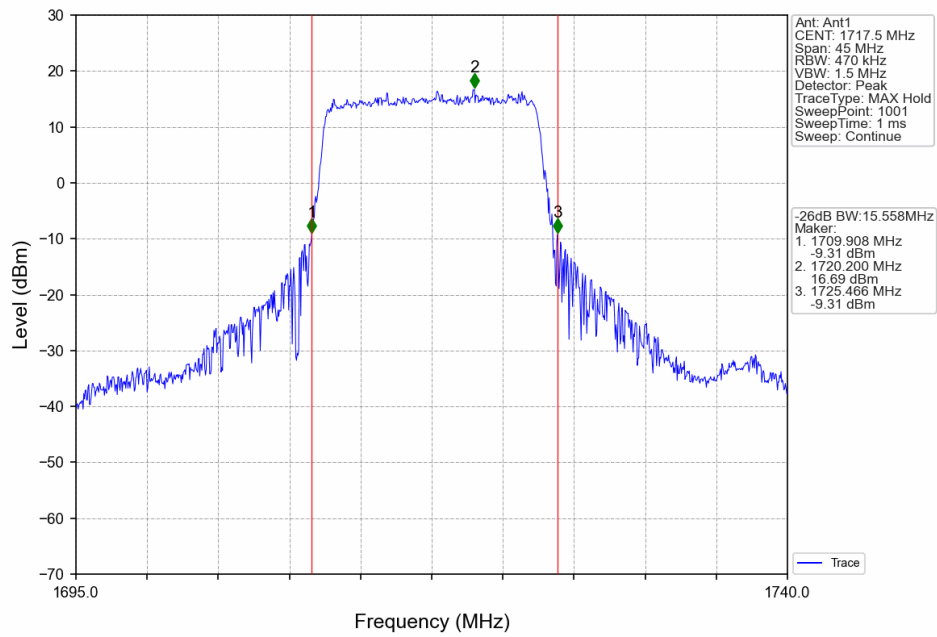
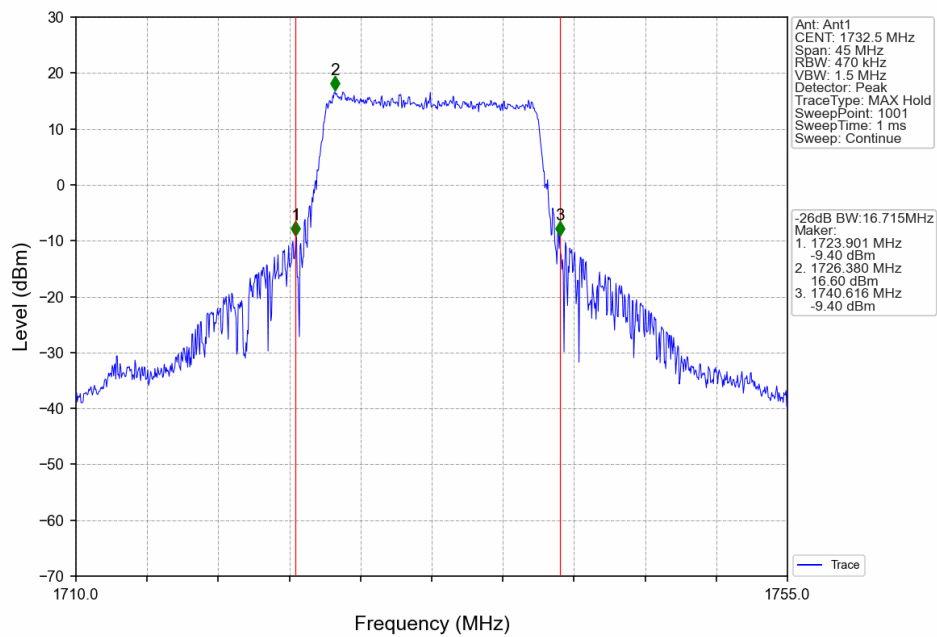


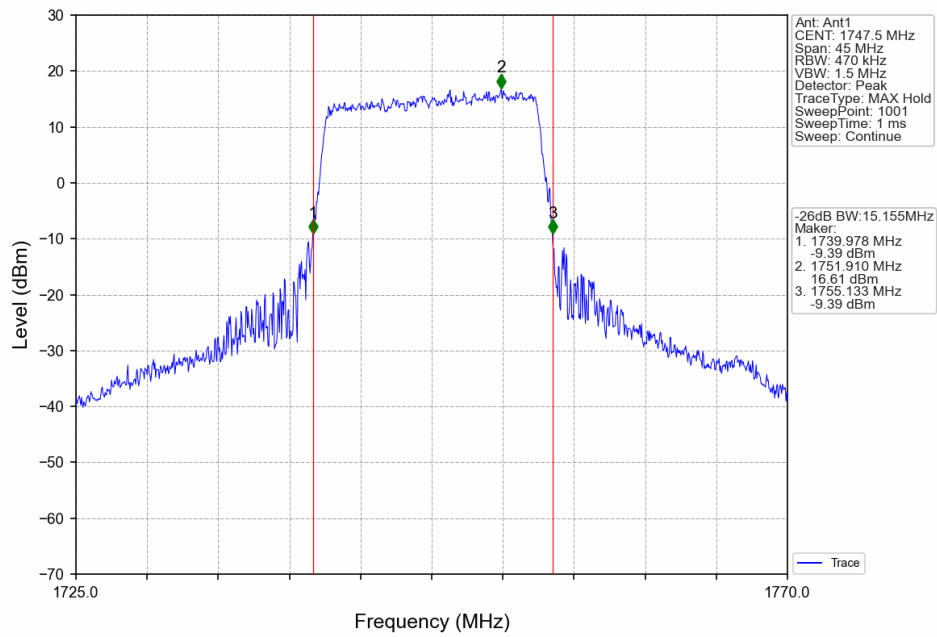
Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



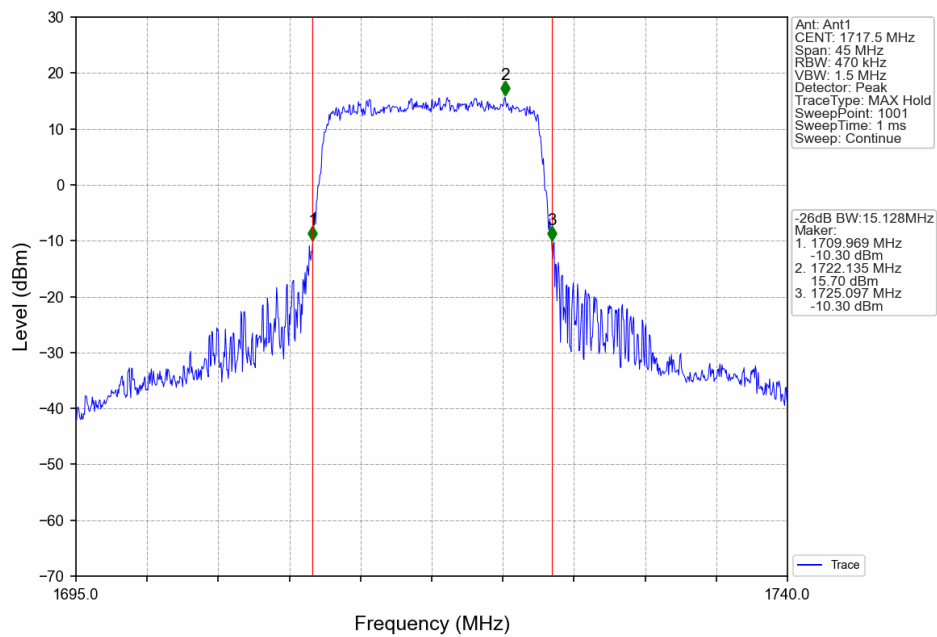
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTNV



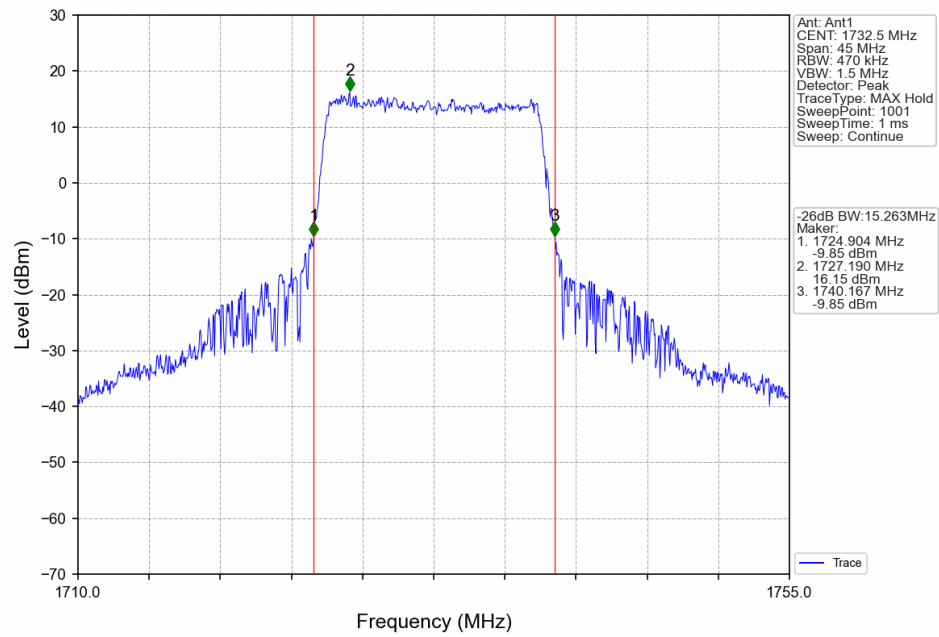
Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTNV



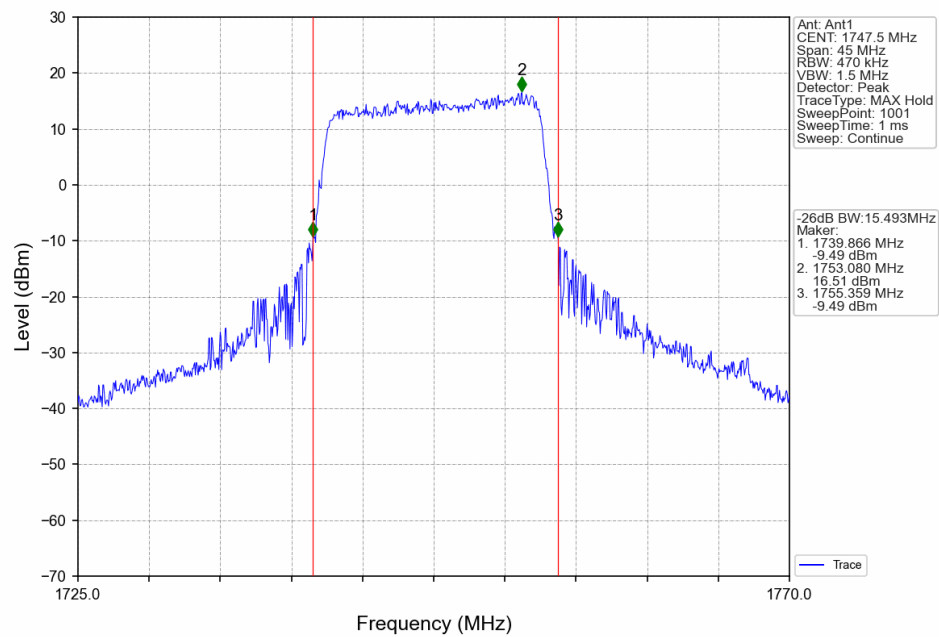
Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV



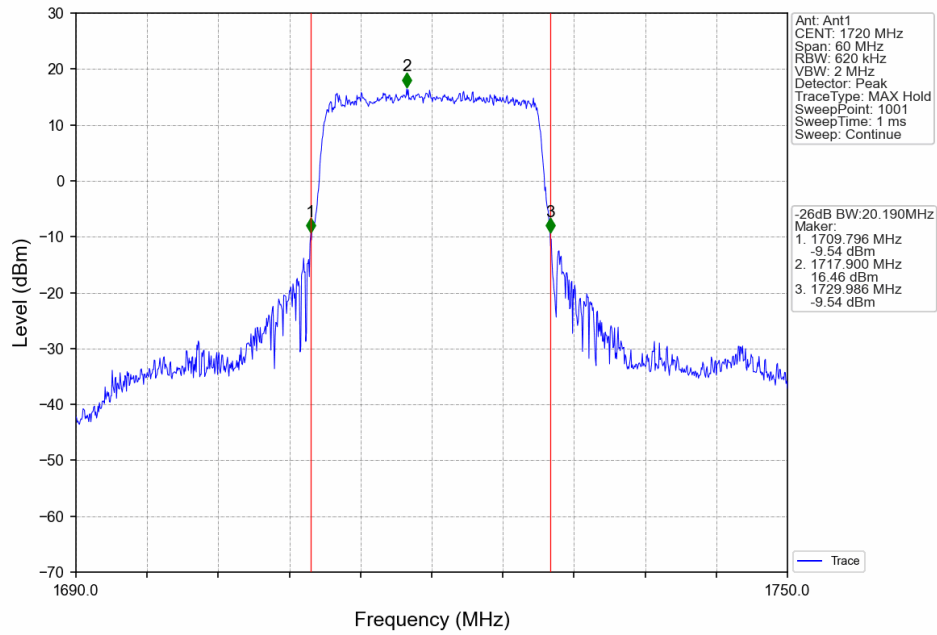
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV



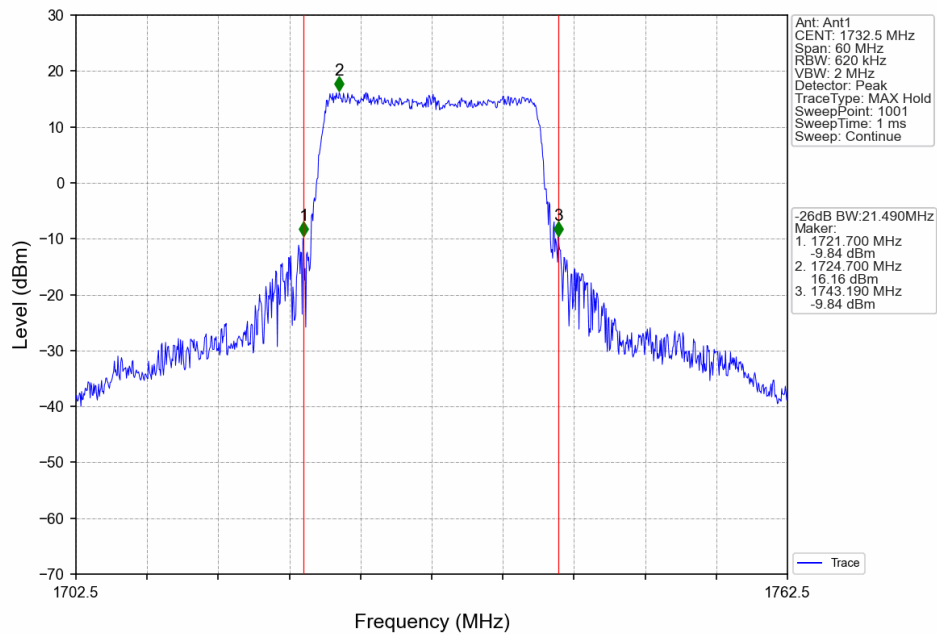
Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTNV



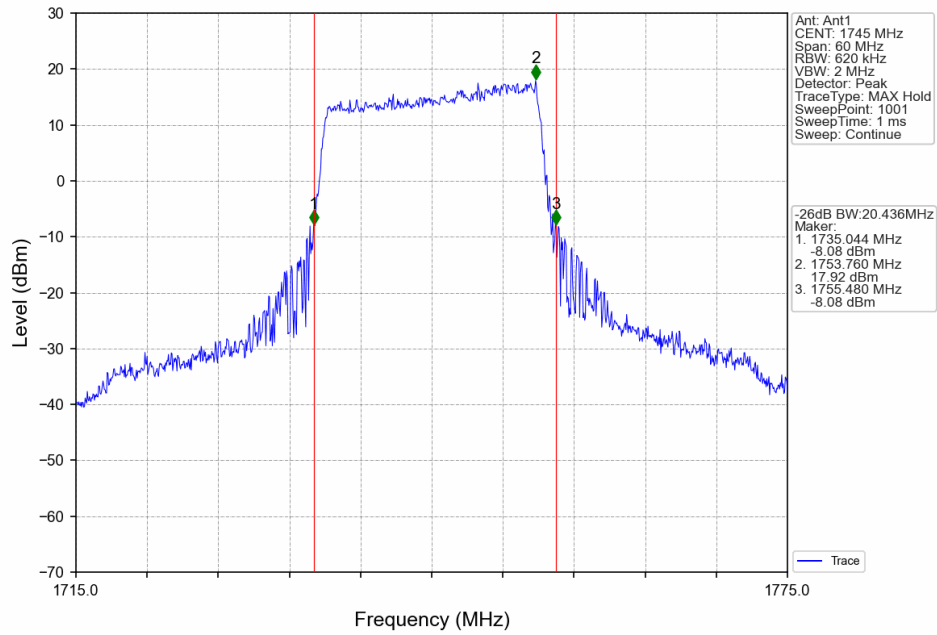
Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTN



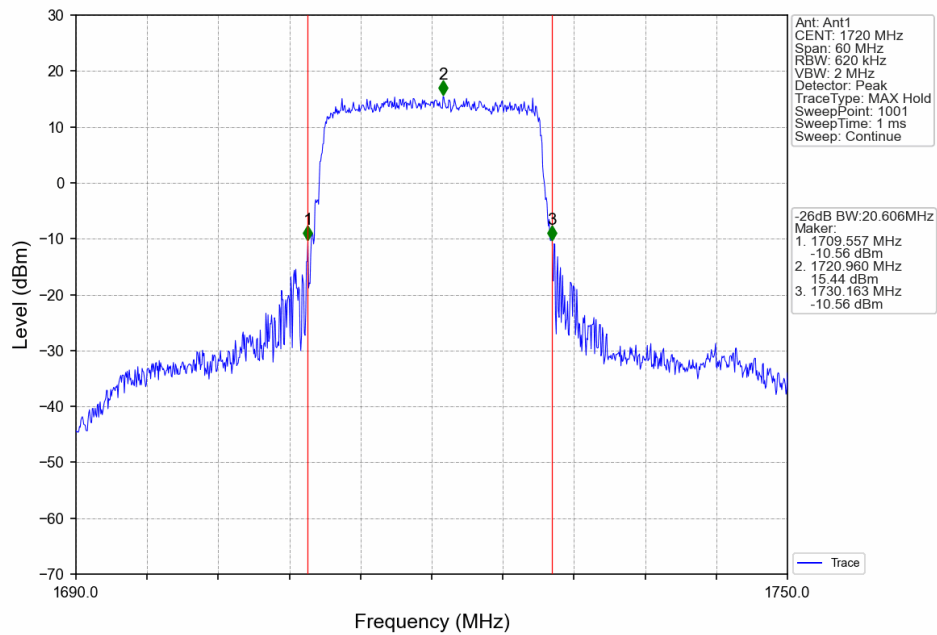
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTN



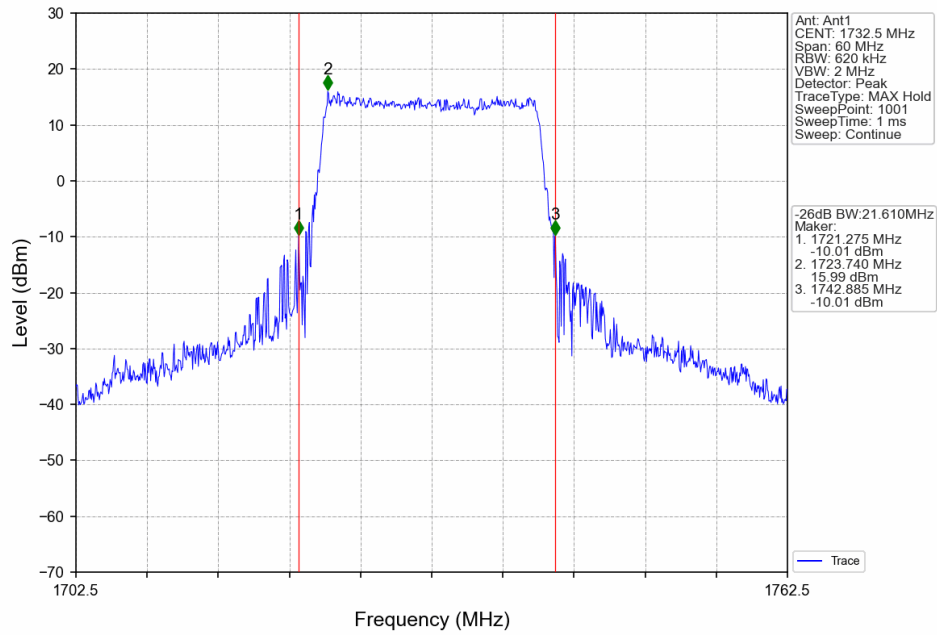
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



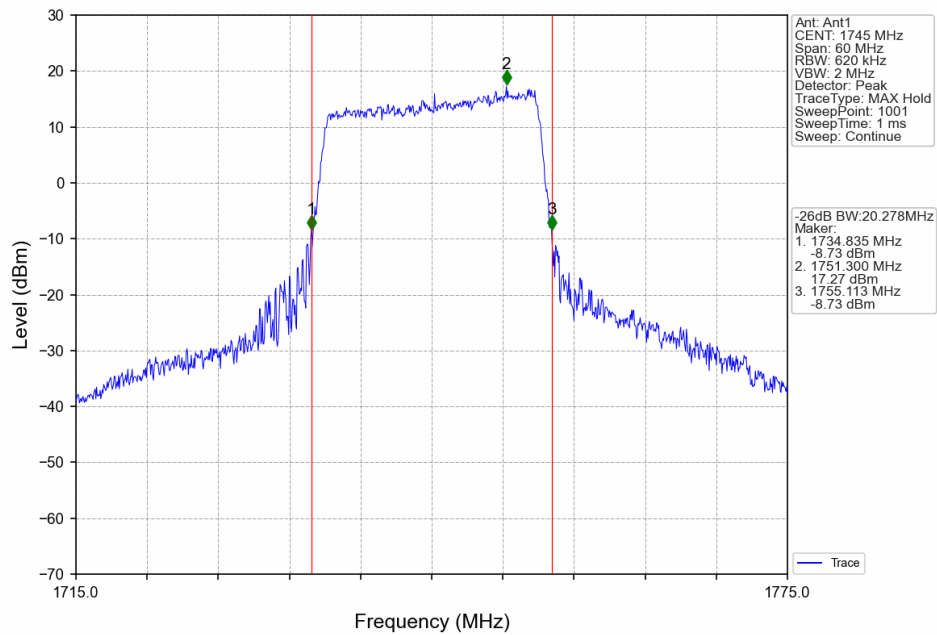
Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTNV



Band4 20MHz 16QAM HCH 1745MHz RB 100 0 NTNV



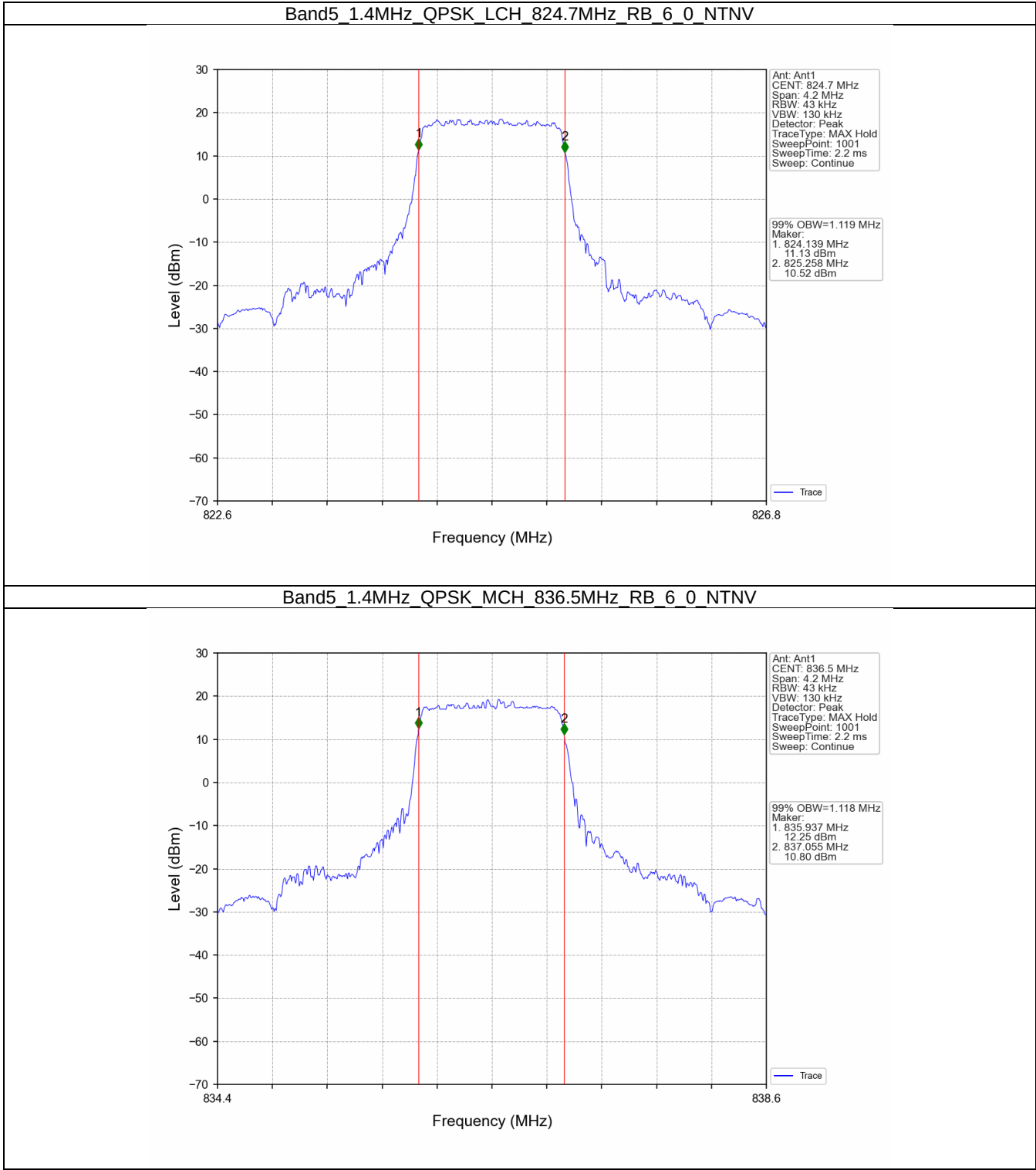
4. 99% & 26dB Bandwidth

4.1 Band5_OBW

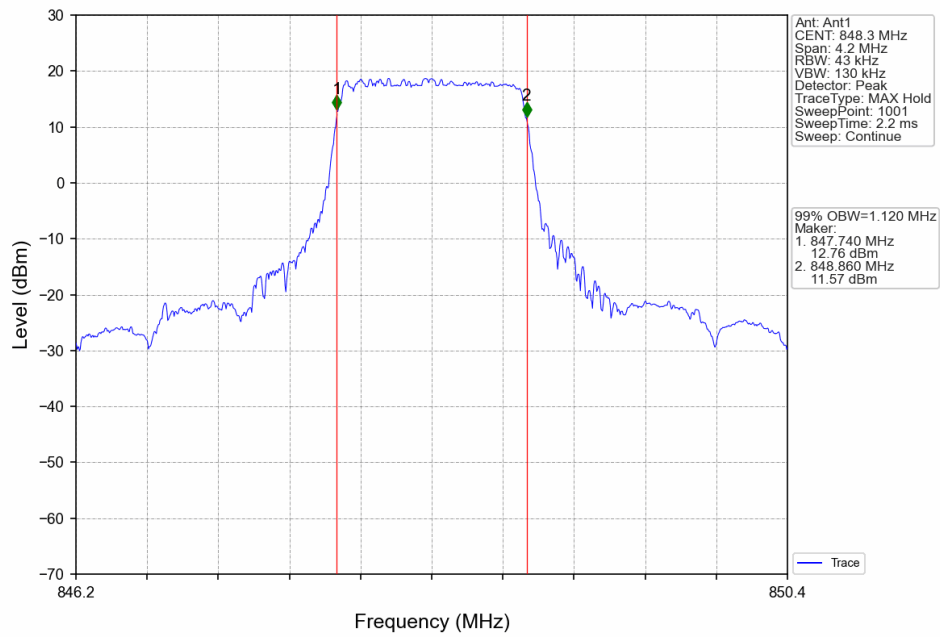
4.1.1 Test Result

Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.119	Pass
		836.5	6	0	1.118	Pass
		848.3	6	0	1.120	Pass
	16QAM	824.7	6	0	1.107	Pass
		836.5	6	0	1.119	Pass
		848.3	6	0	1.112	Pass
3	QPSK	825.5	15	0	2.769	Pass
		836.5	15	0	2.747	Pass
		847.5	15	0	2.775	Pass
	16QAM	825.5	15	0	2.761	Pass
		836.5	15	0	2.754	Pass
		847.5	15	0	2.779	Pass
5	QPSK	826.5	25	0	4.594	Pass
		836.5	25	0	4.562	Pass
		846.5	25	0	4.561	Pass
	16QAM	826.5	25	0	4.581	Pass
		836.5	25	0	4.605	Pass
		846.5	25	0	4.618	Pass
10	QPSK	829	50	0	9.084	Pass
		836.5	50	0	9.098	Pass
		844	50	0	9.070	Pass
	16QAM	829	50	0	9.081	Pass
		836.5	50	0	9.068	Pass
		844	50	0	9.099	Pass

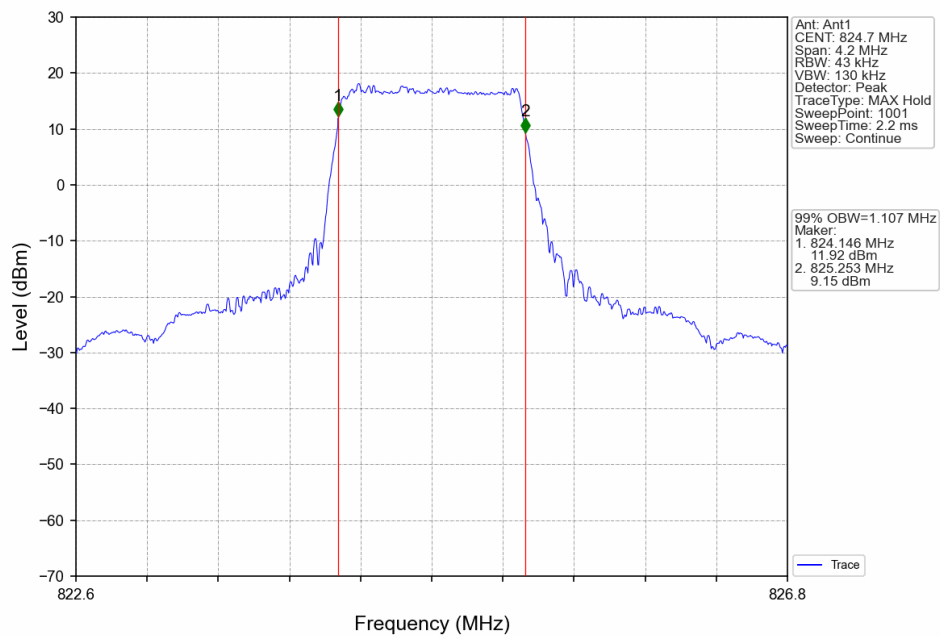
4.1.2 Test Graph



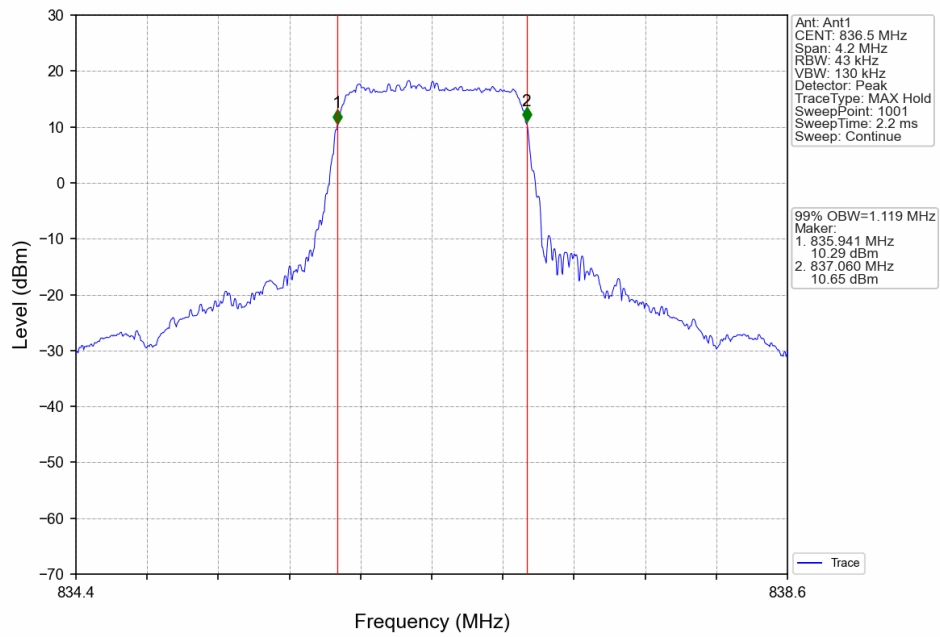
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



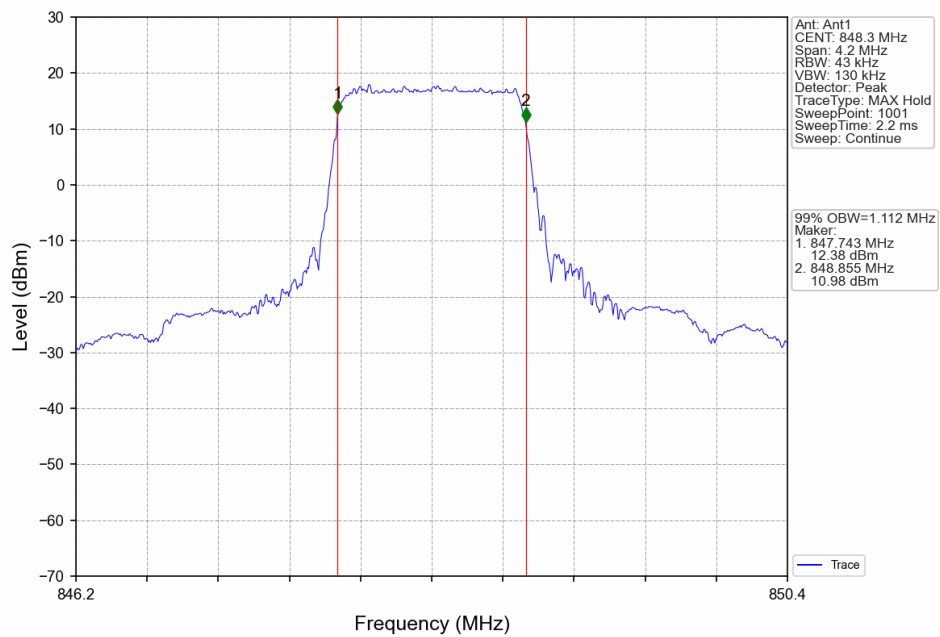
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



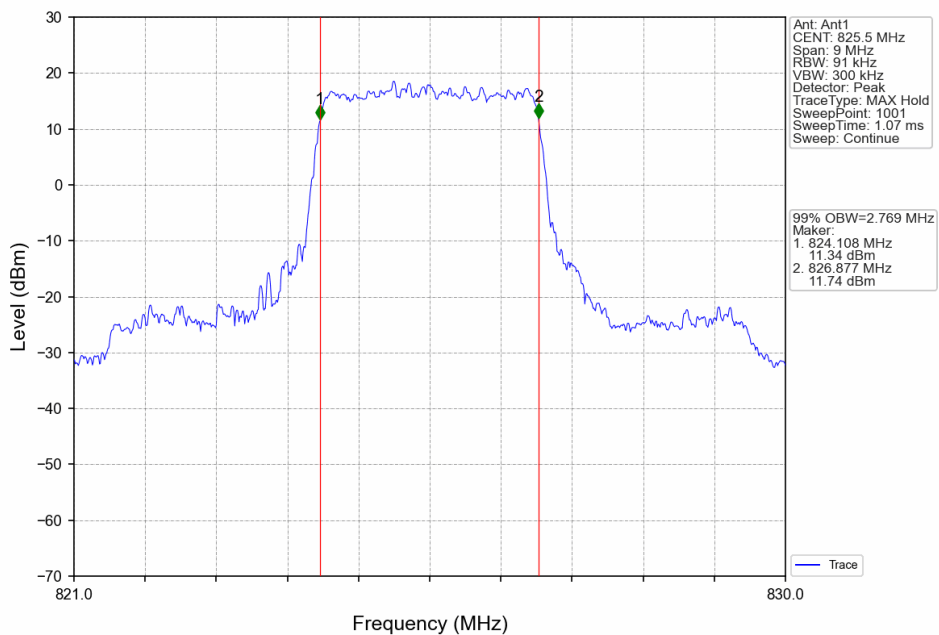
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



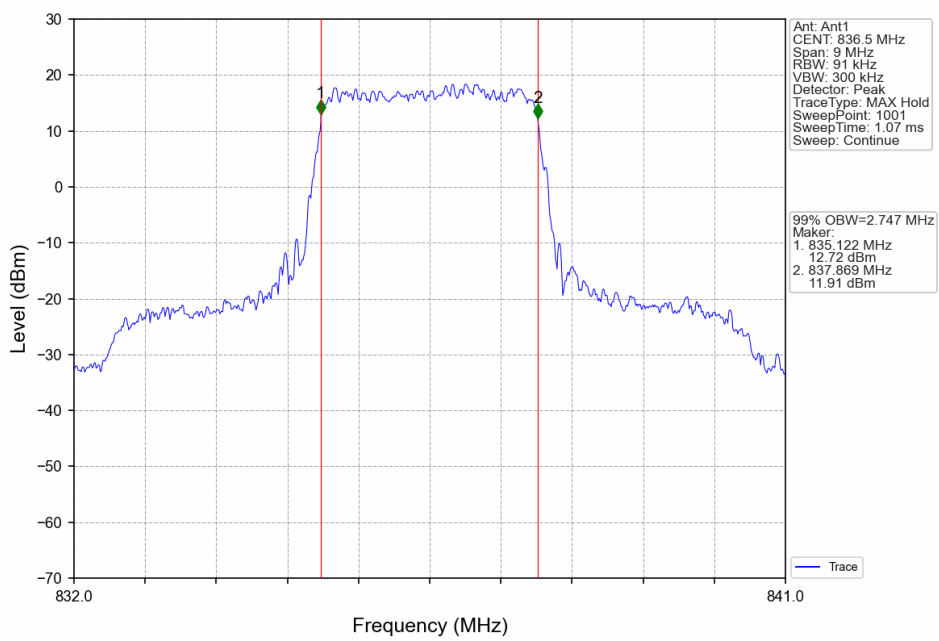
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



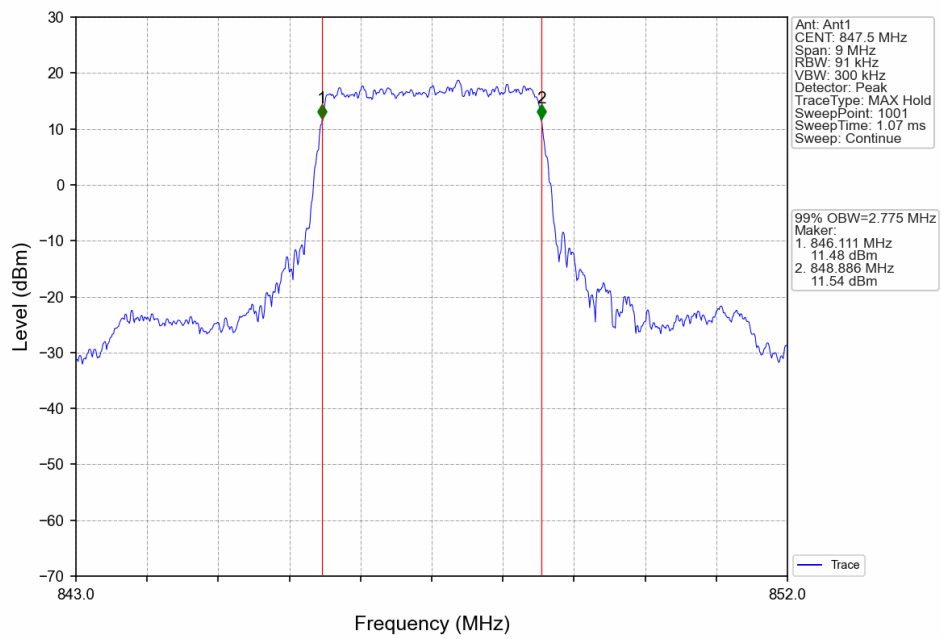
Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTN



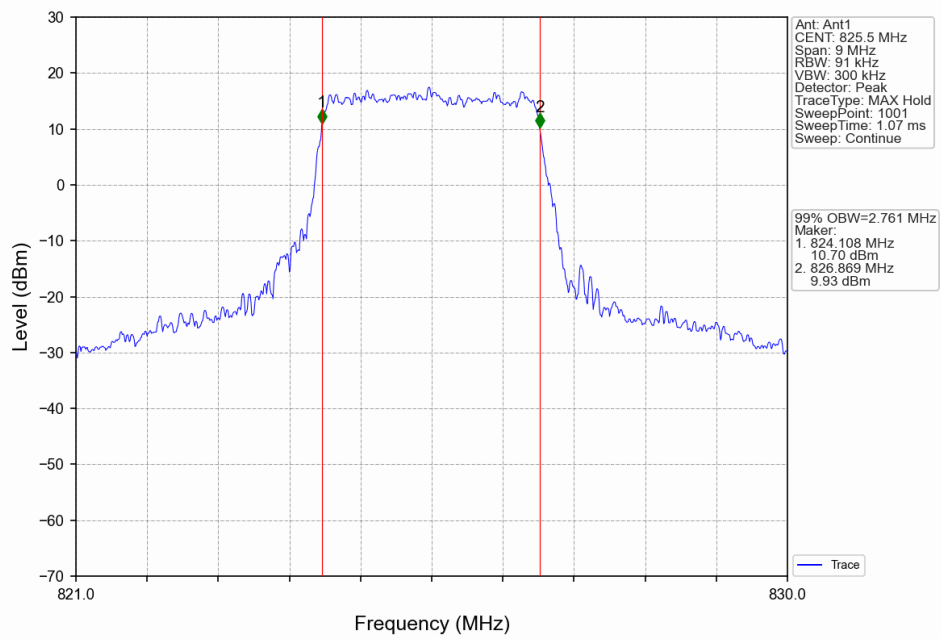
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTN



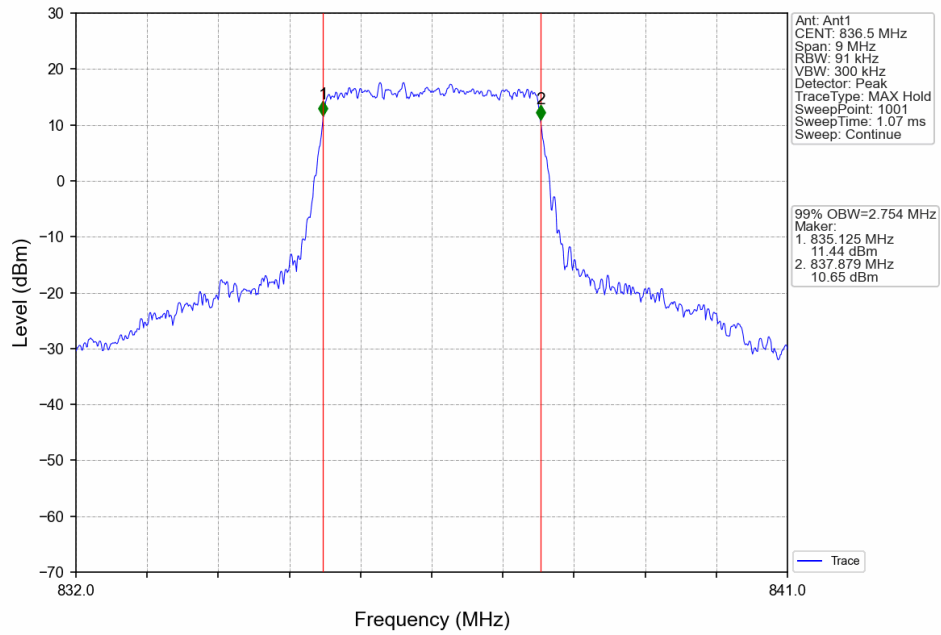
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



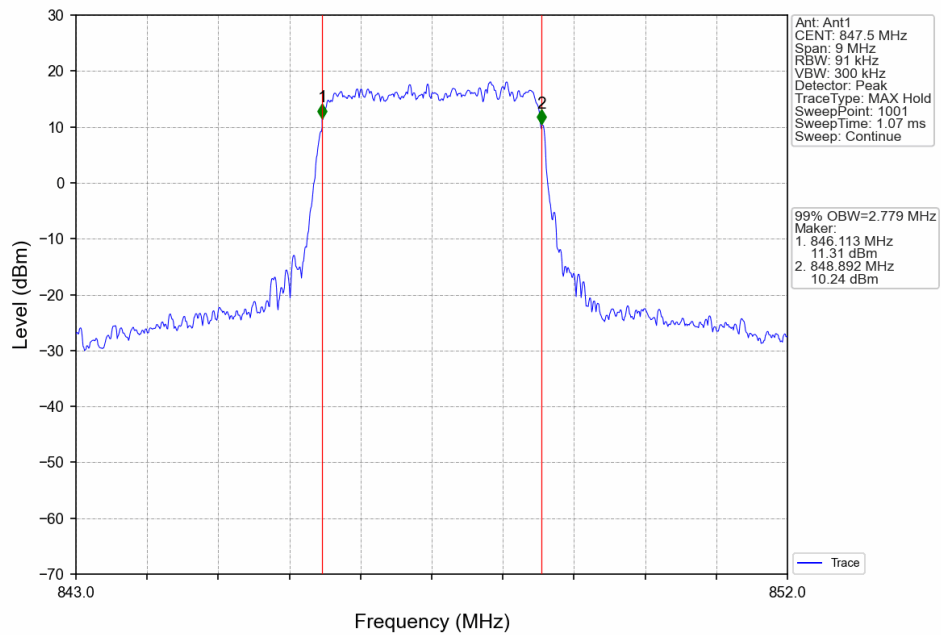
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



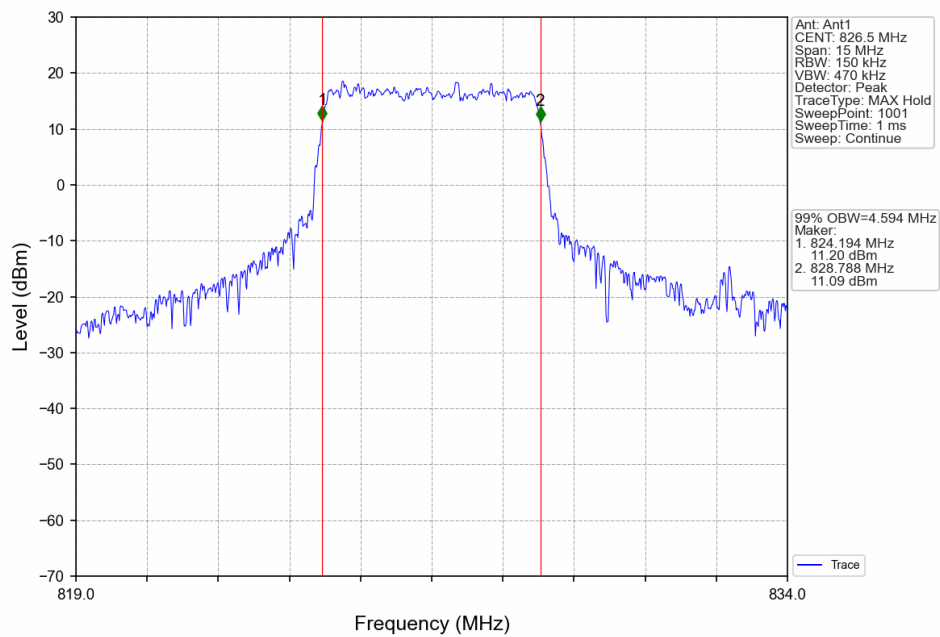
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



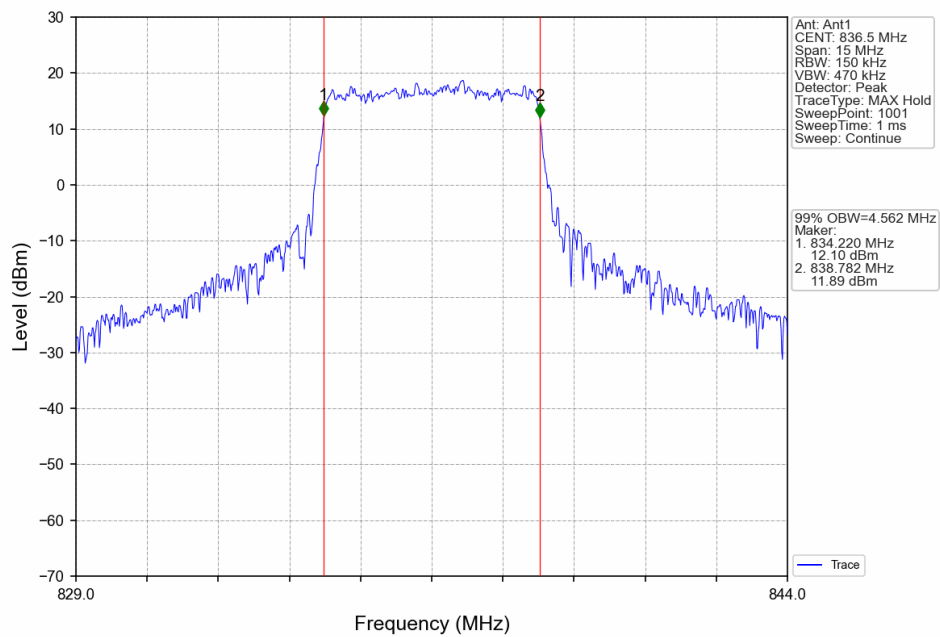
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



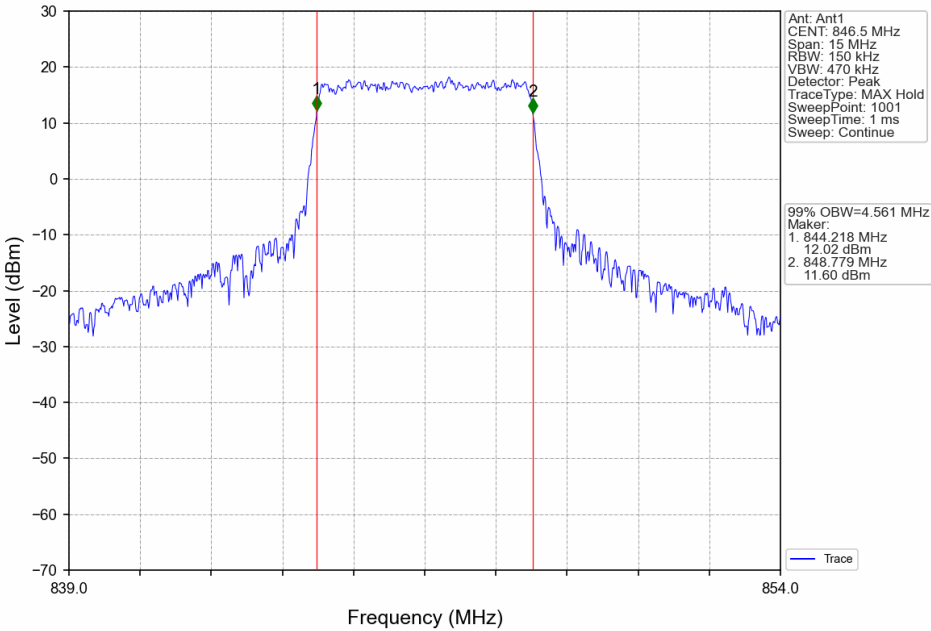
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTN



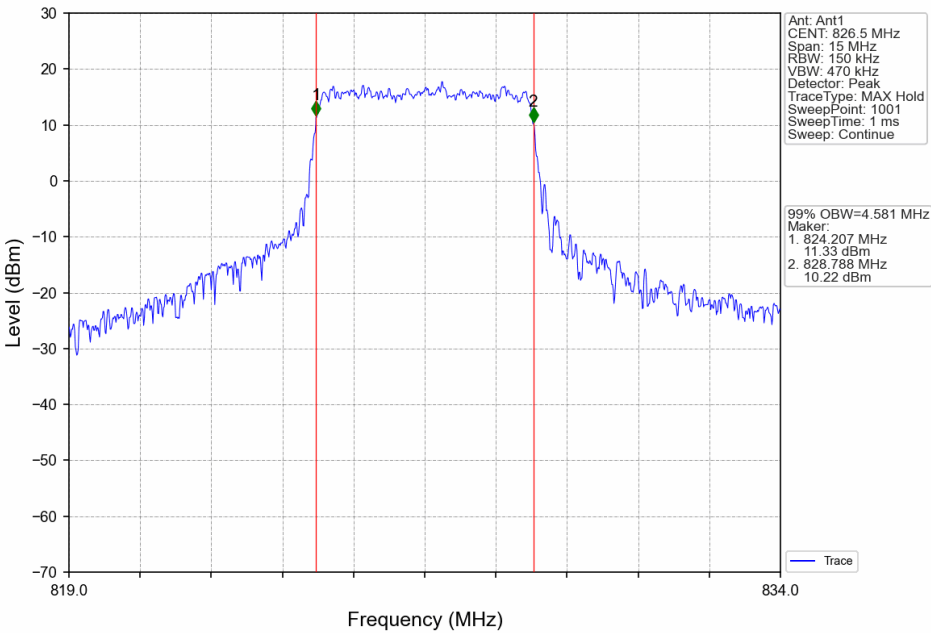
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTN



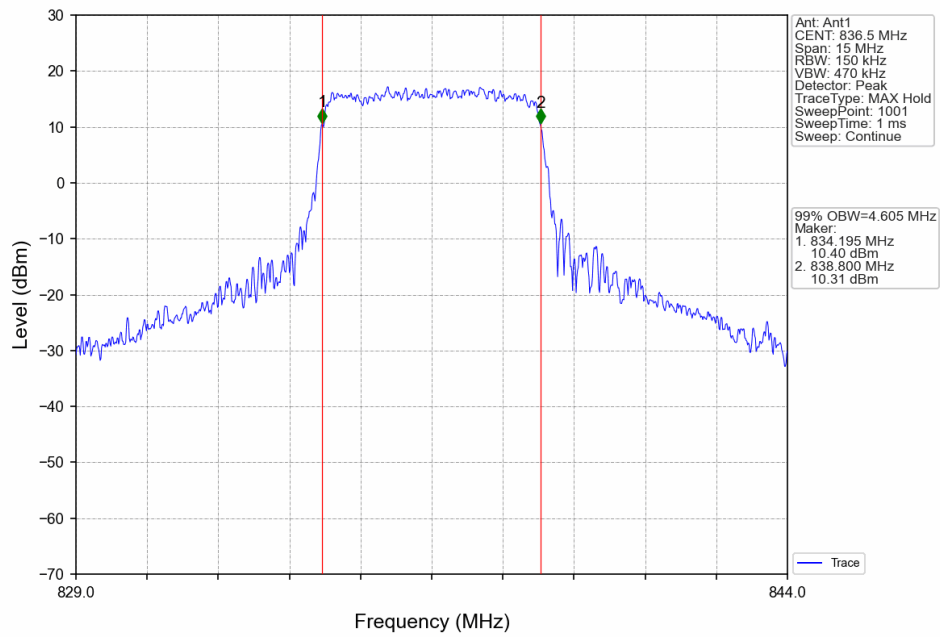
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



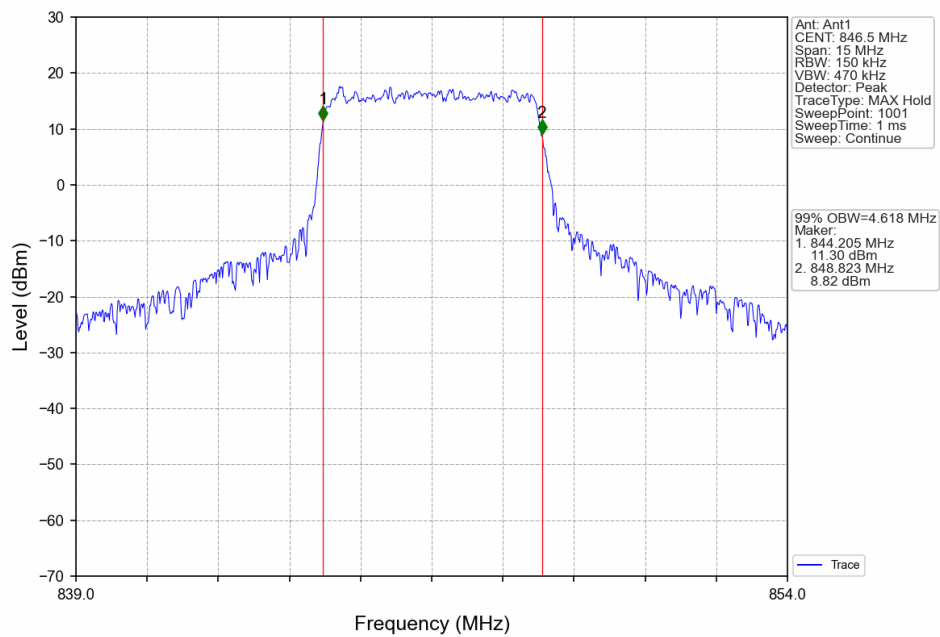
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



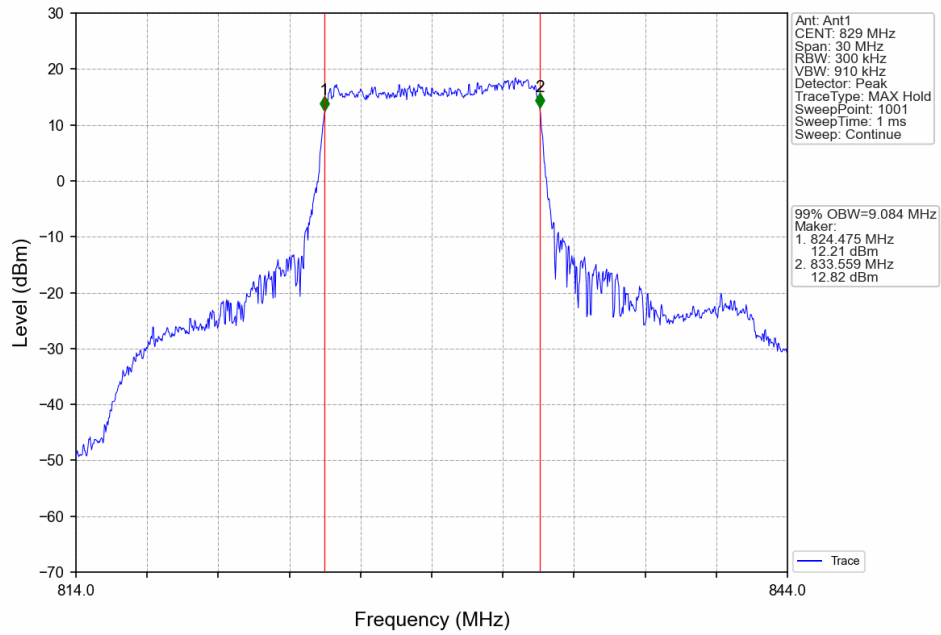
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



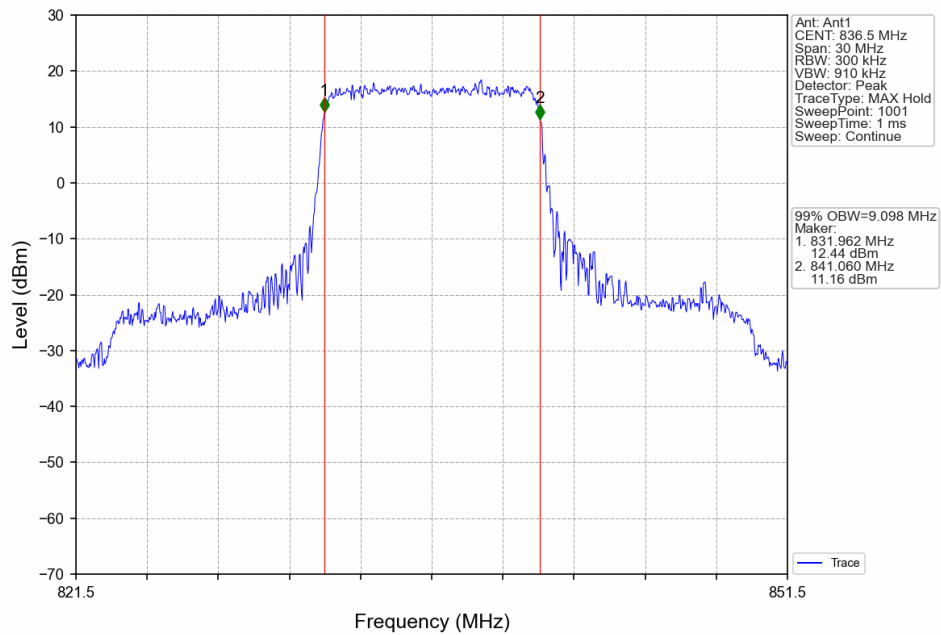
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV



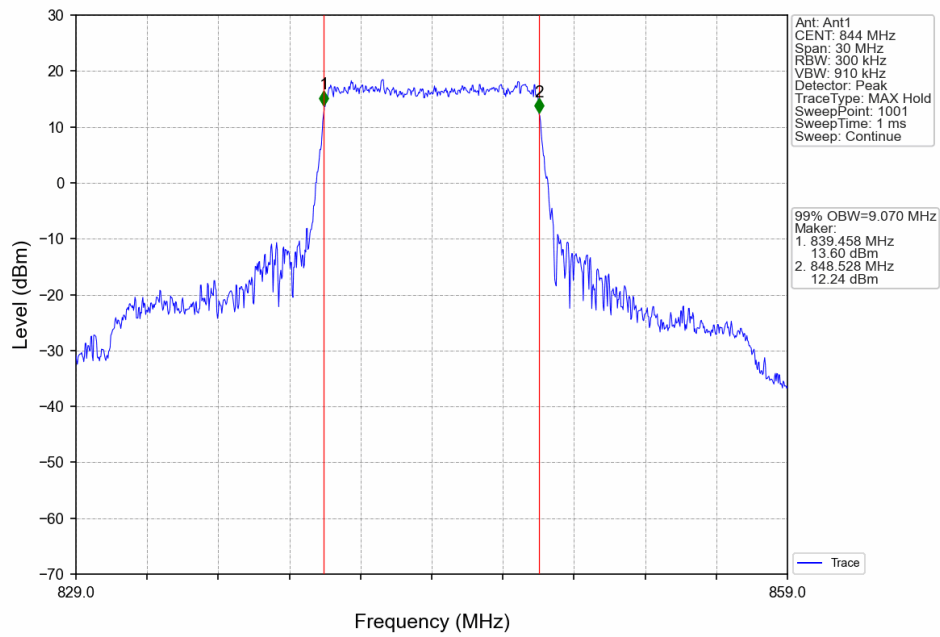
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTN



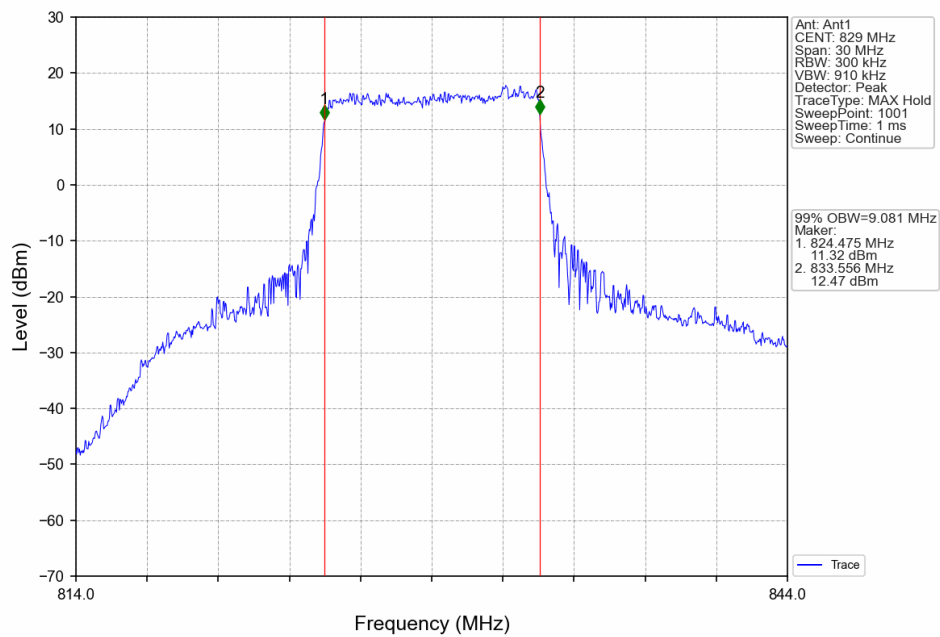
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTN



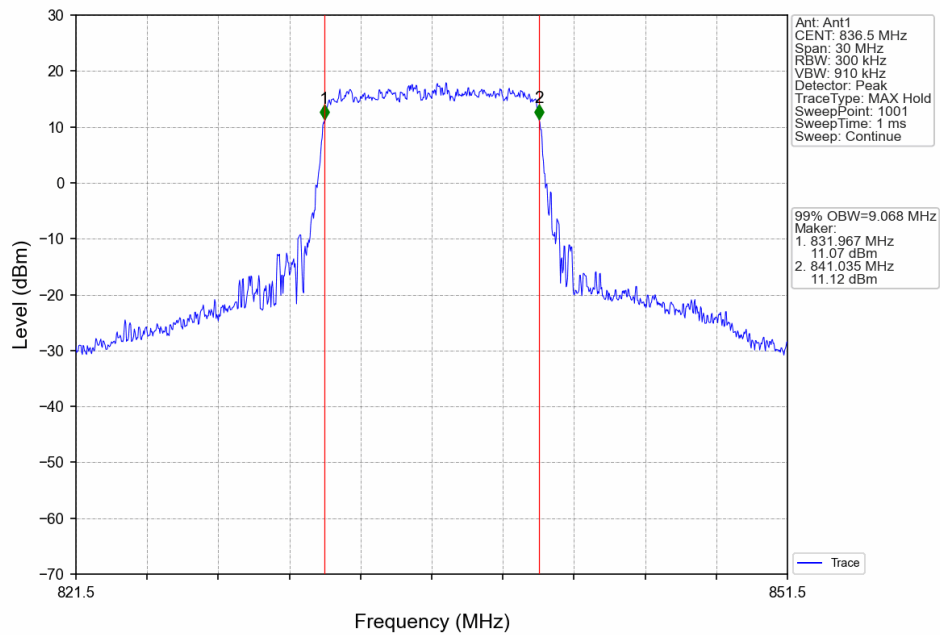
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTNV



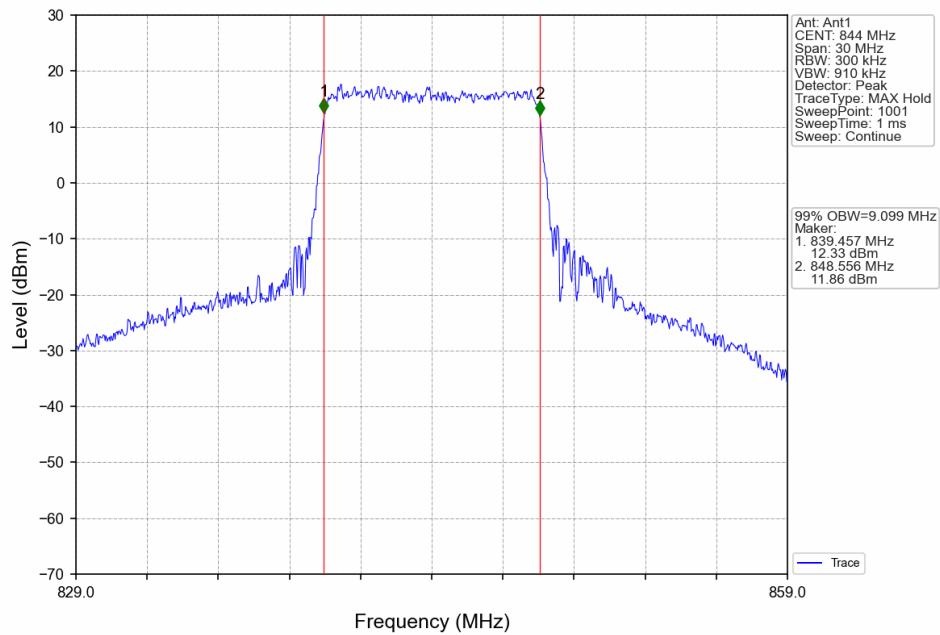
Band5 10MHz 16QAM LCH 829MHz RB 50 0 NTNV



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTN



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTN

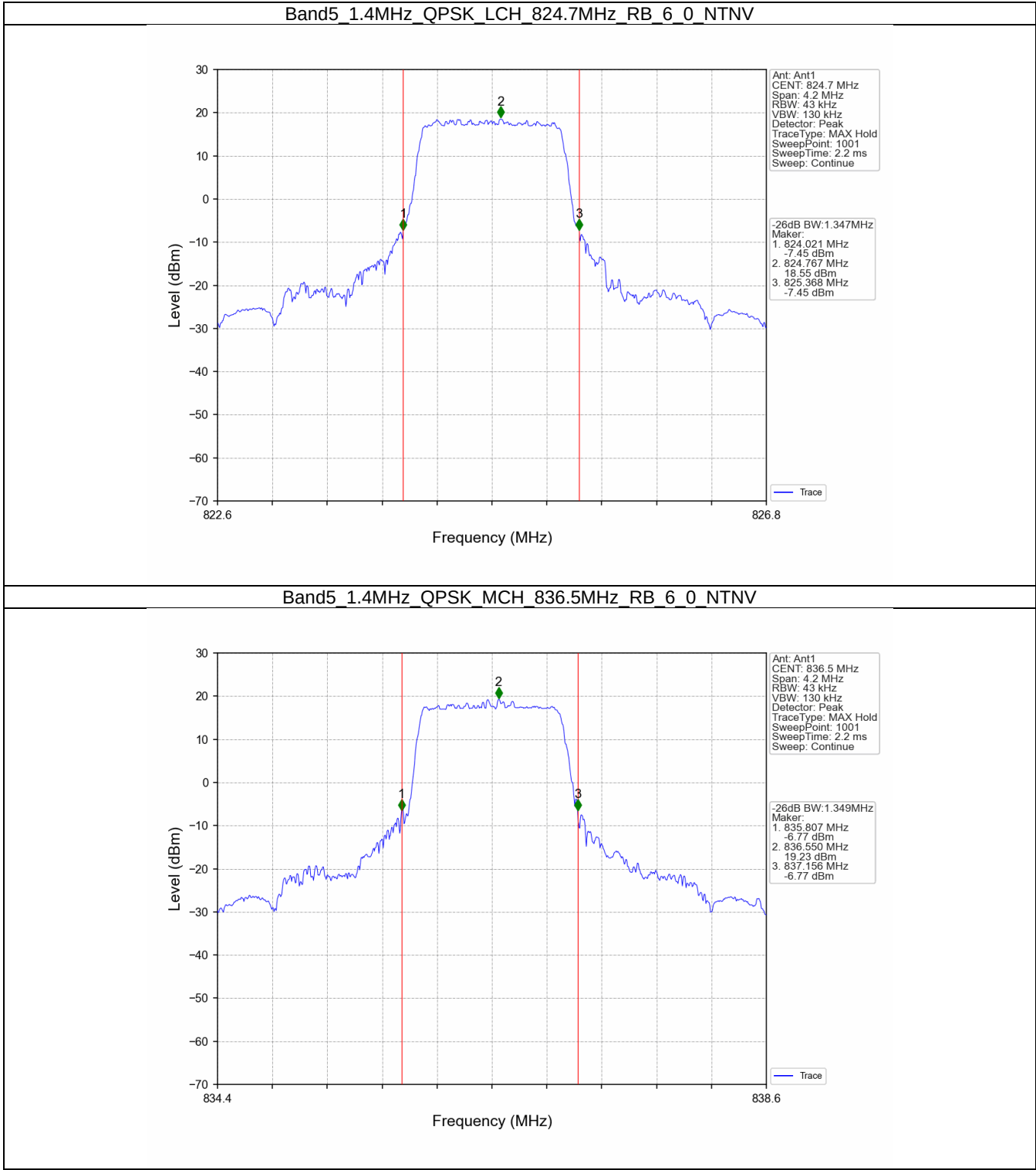


4.2 Band5_XDB

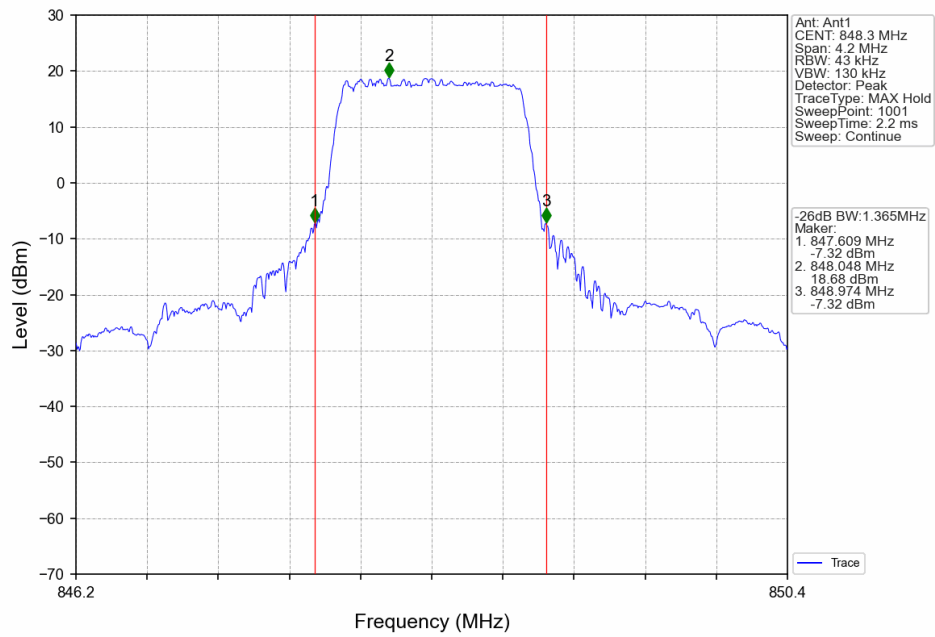
4.2.1 Test Result

Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.347	Pass
		836.5	6	0	1.349	Pass
		848.3	6	0	1.365	Pass
	16QAM	824.7	6	0	1.315	Pass
		836.5	6	0	1.313	Pass
		848.3	6	0	1.312	Pass
3	QPSK	825.5	15	0	3.115	Pass
		836.5	15	0	3.101	Pass
		847.5	15	0	3.097	Pass
	16QAM	825.5	15	0	3.253	Pass
		836.5	15	0	3.169	Pass
		847.5	15	0	3.128	Pass
5	QPSK	826.5	25	0	5.478	Pass
		836.5	25	0	5.698	Pass
		846.5	25	0	5.448	Pass
	16QAM	826.5	25	0	5.556	Pass
		836.5	25	0	5.547	Pass
		846.5	25	0	5.676	Pass
10	QPSK	829	50	0	10.348	Pass
		836.5	50	0	10.329	Pass
		844	50	0	10.173	Pass
	16QAM	829	50	0	10.493	Pass
		836.5	50	0	10.486	Pass
		844	50	0	10.401	Pass

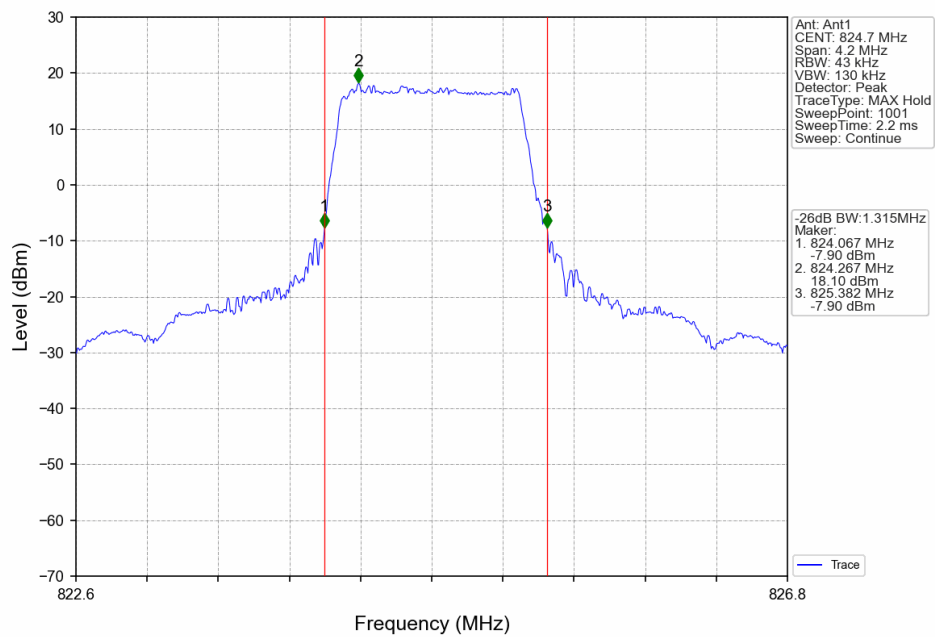
4.2.2 Test Graph



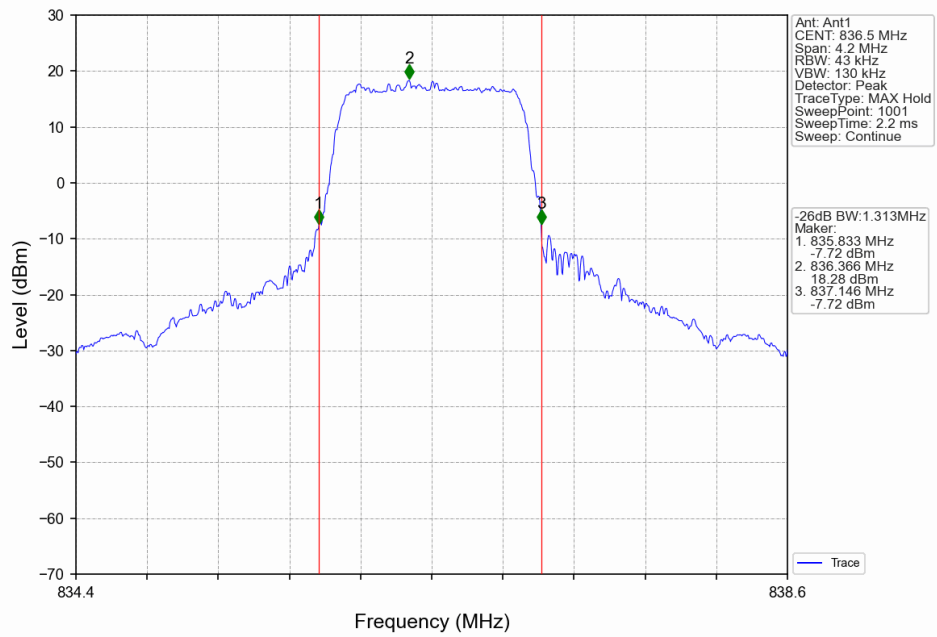
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



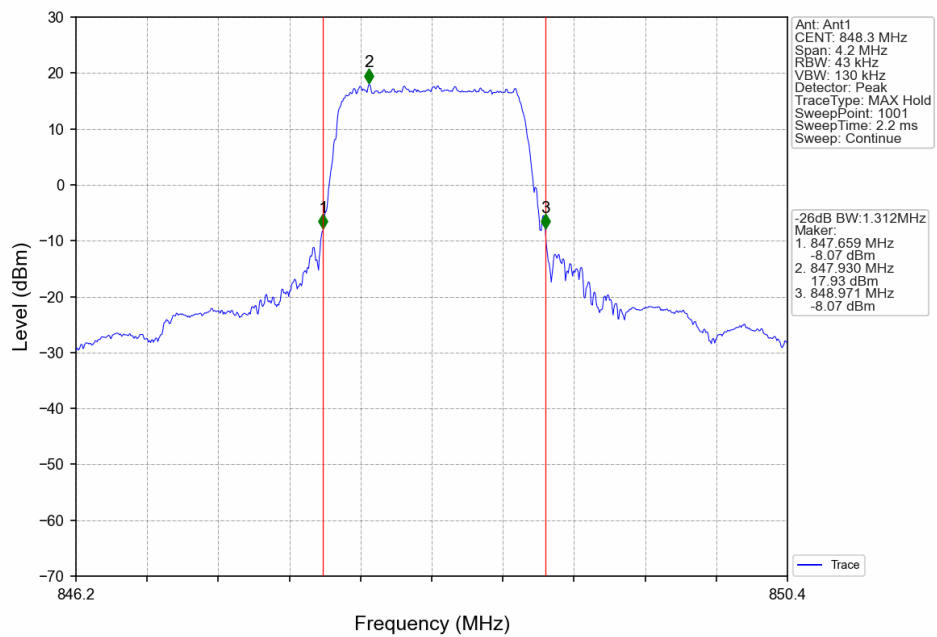
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



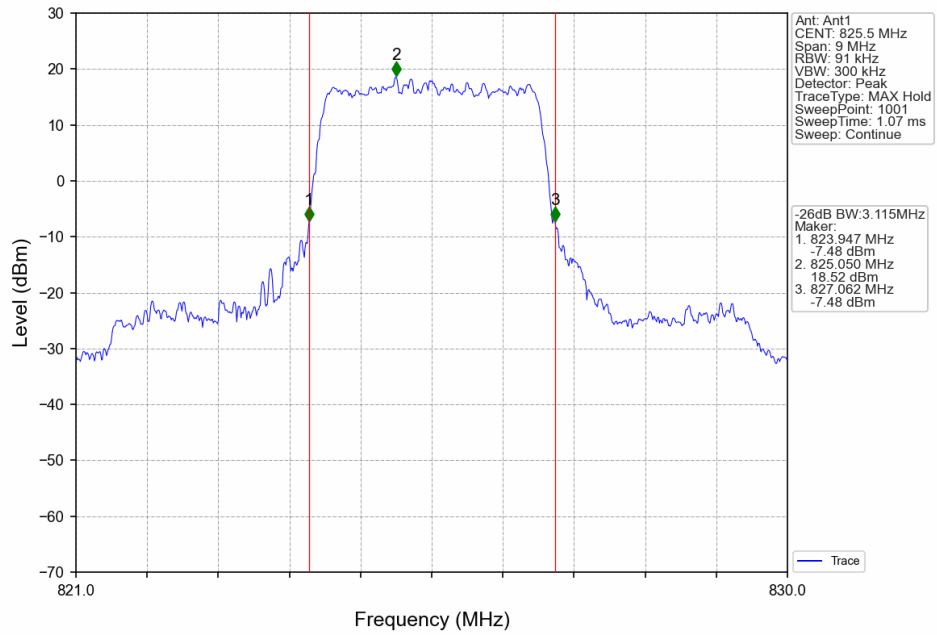
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



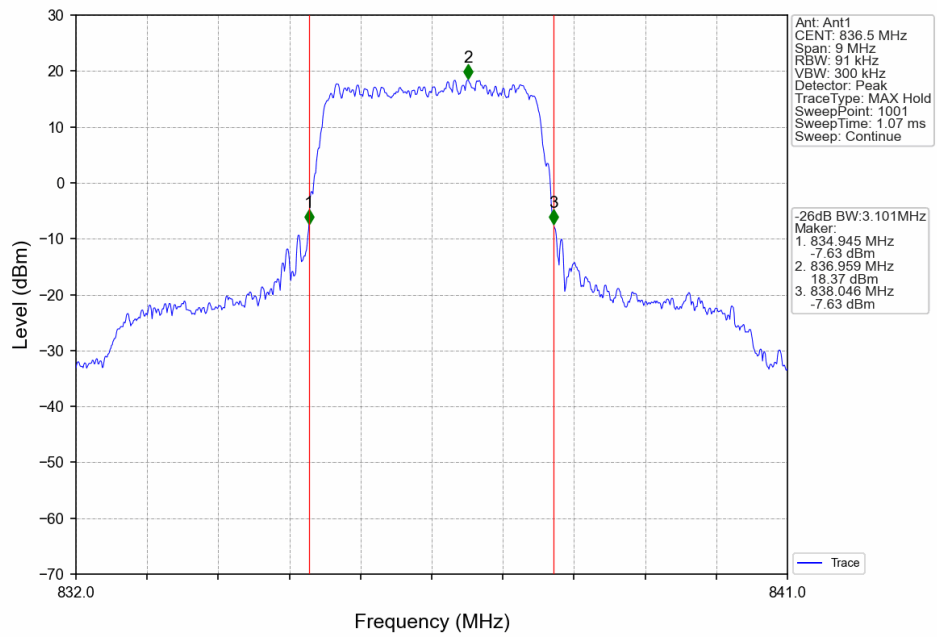
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



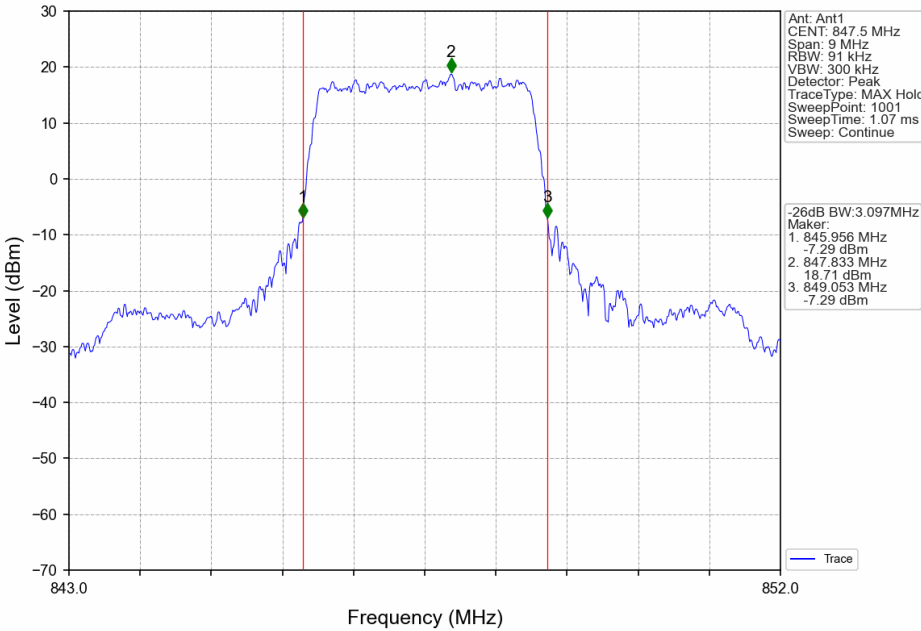
Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTNV



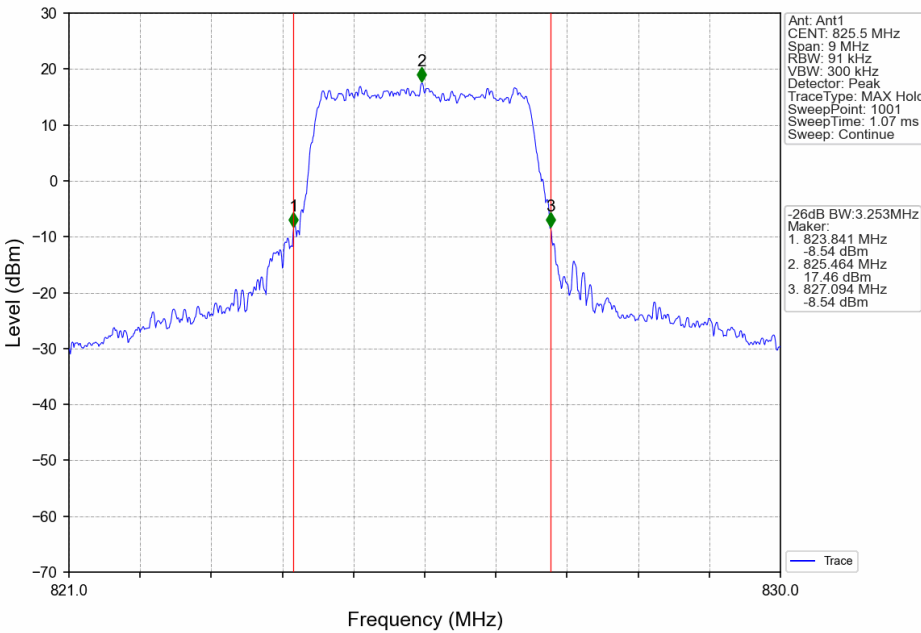
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTNV



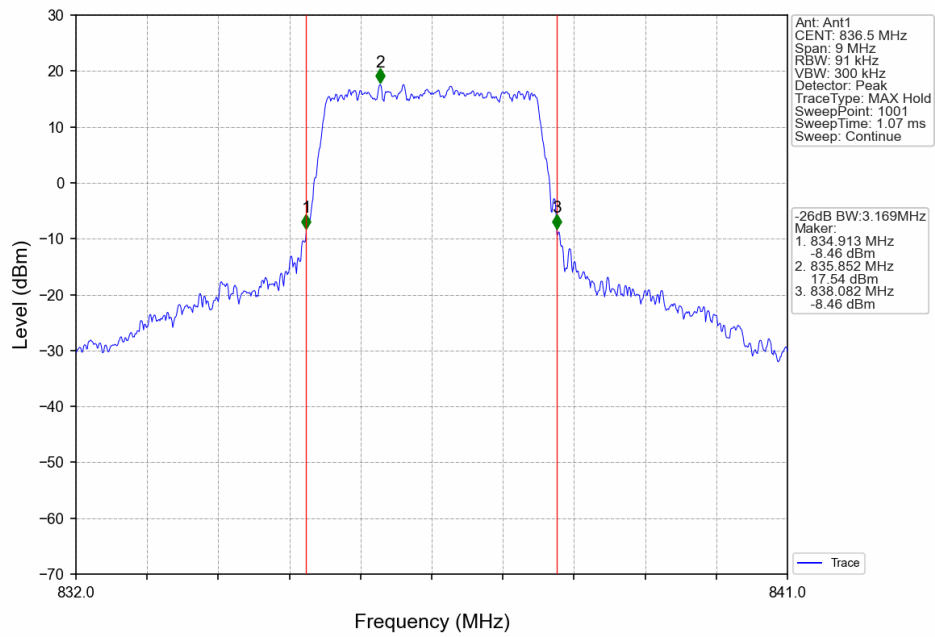
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



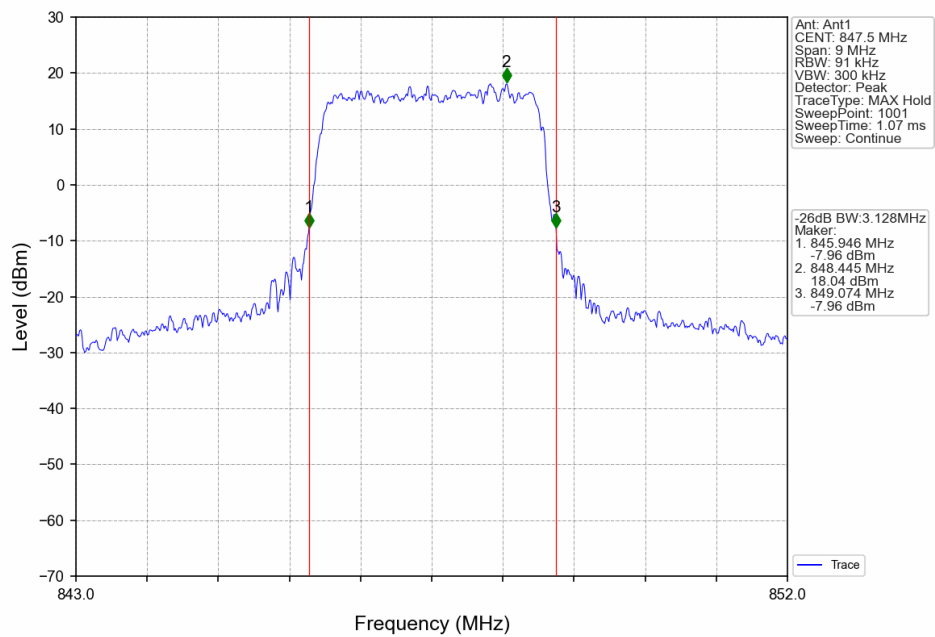
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



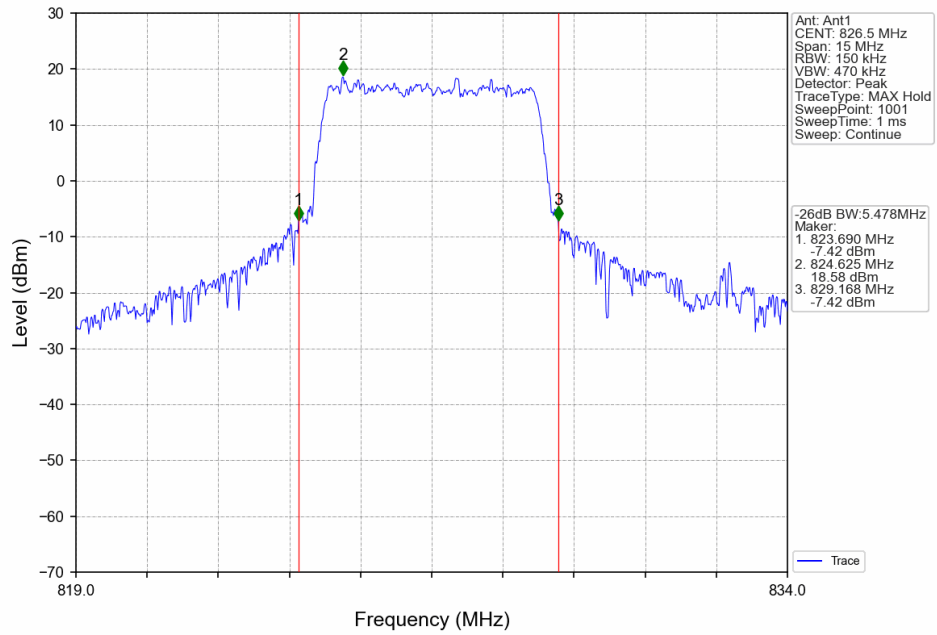
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTN



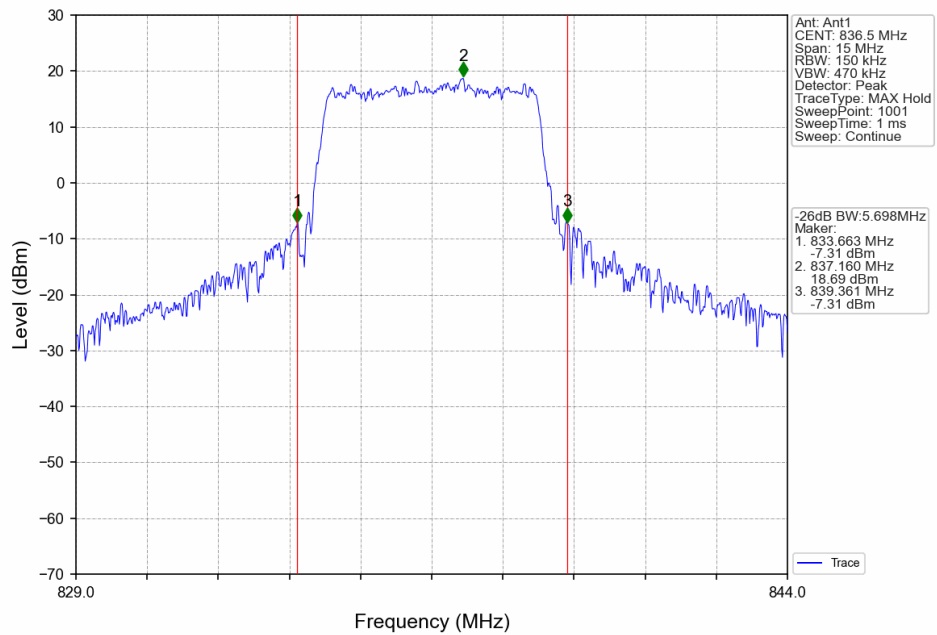
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTN



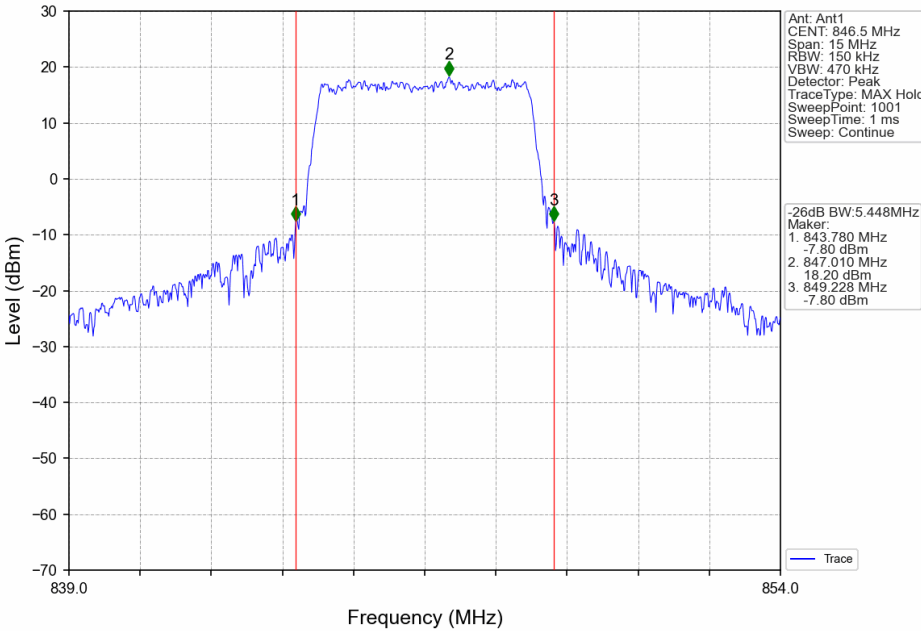
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTN



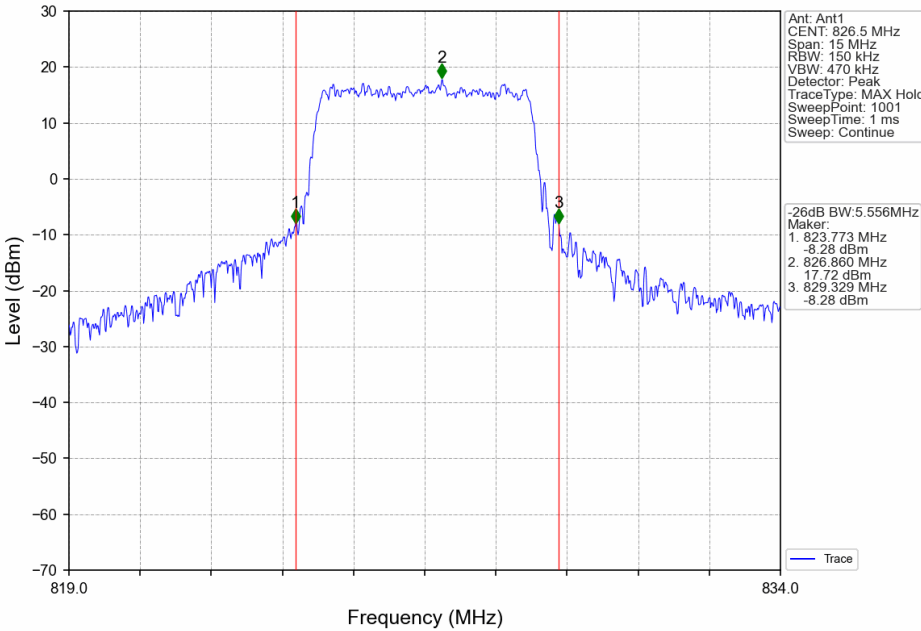
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTN



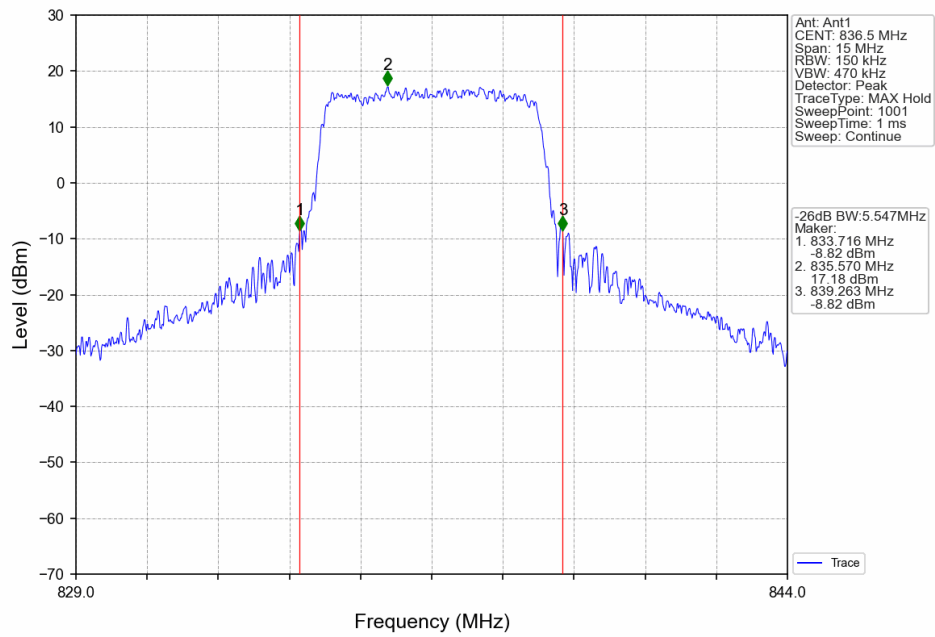
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



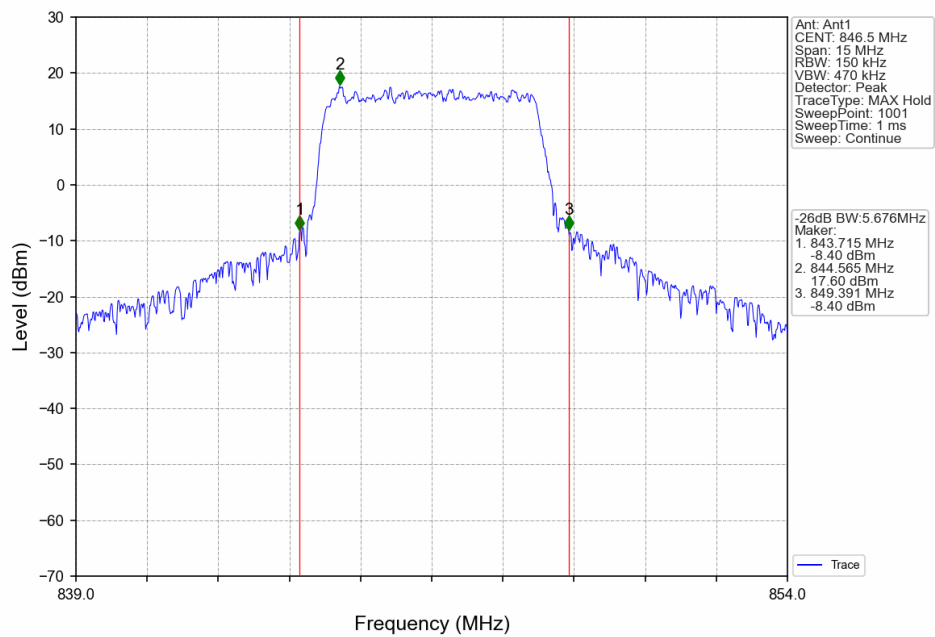
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



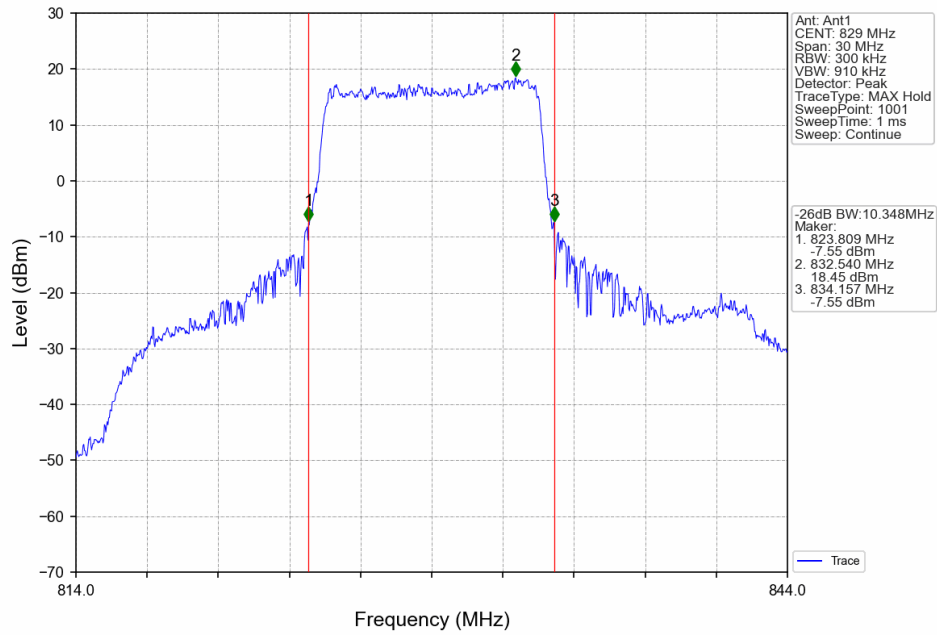
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



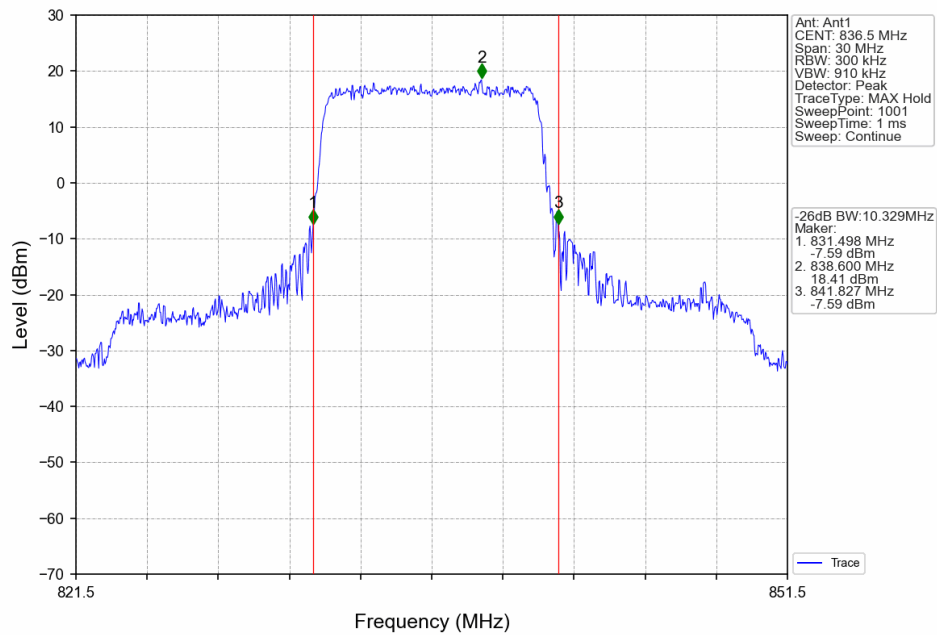
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV



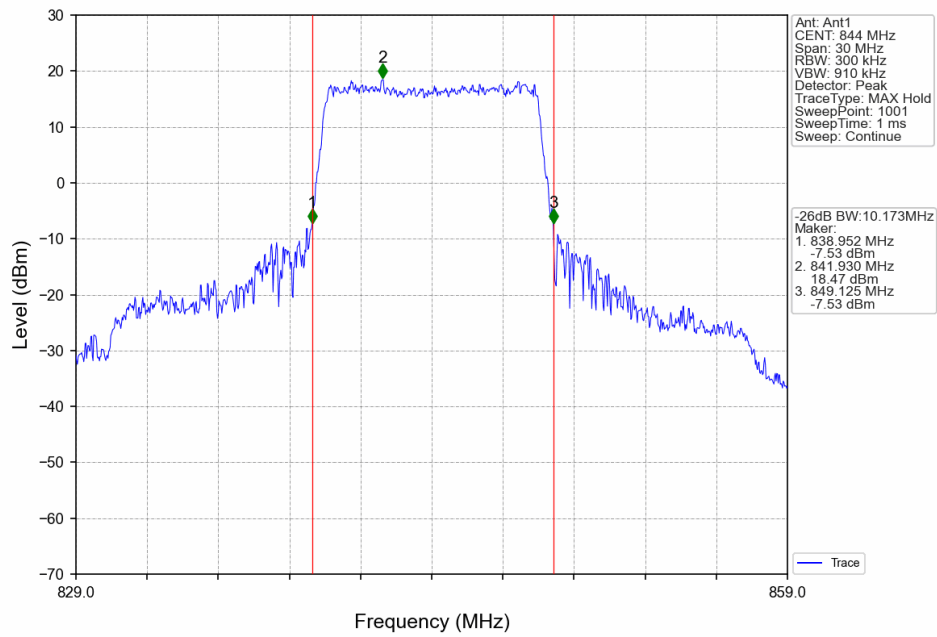
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTNV



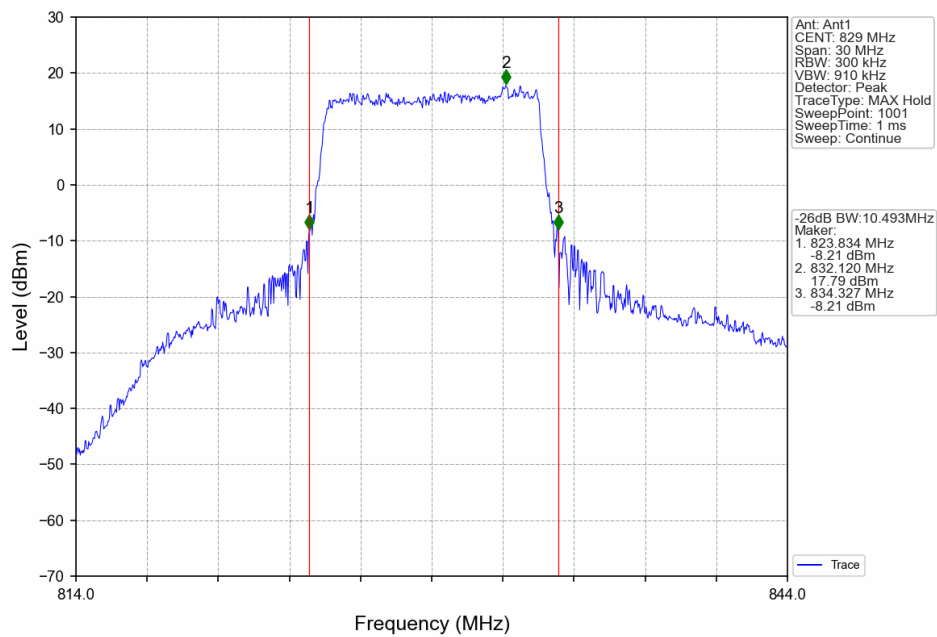
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTNV



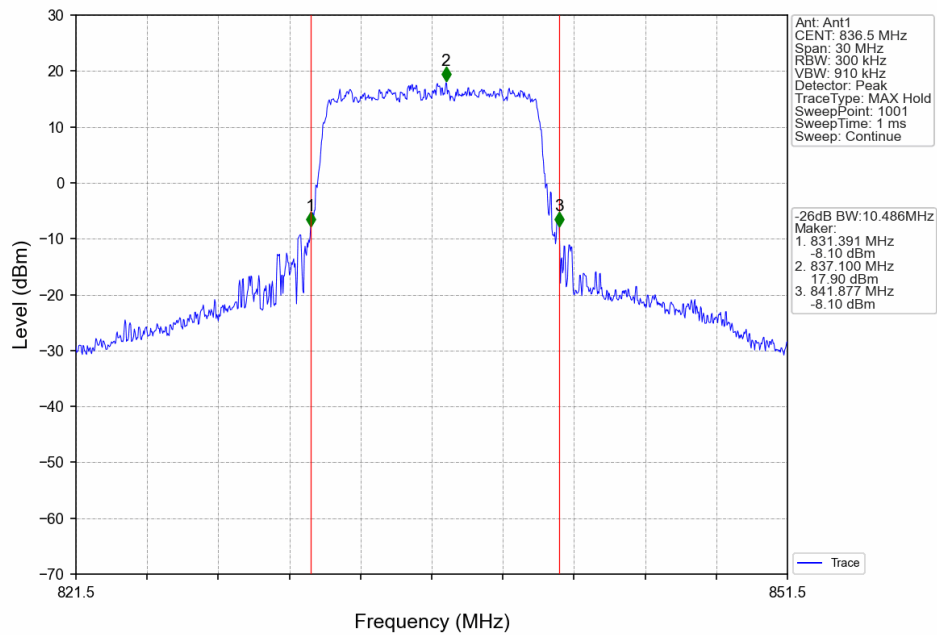
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTN



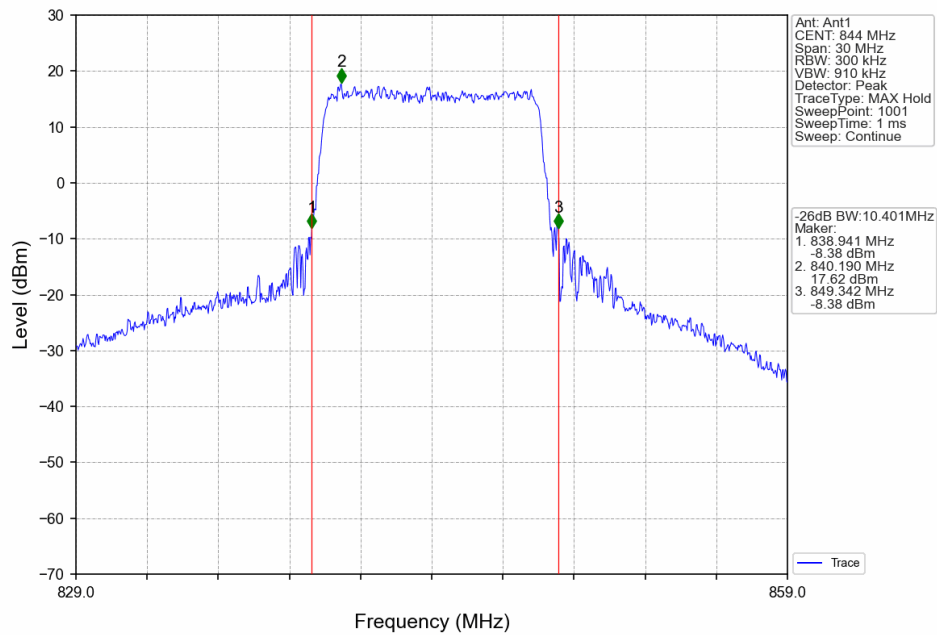
Band5 10MHz 16QAM LCH 829MHz RB 50 0 NTN



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



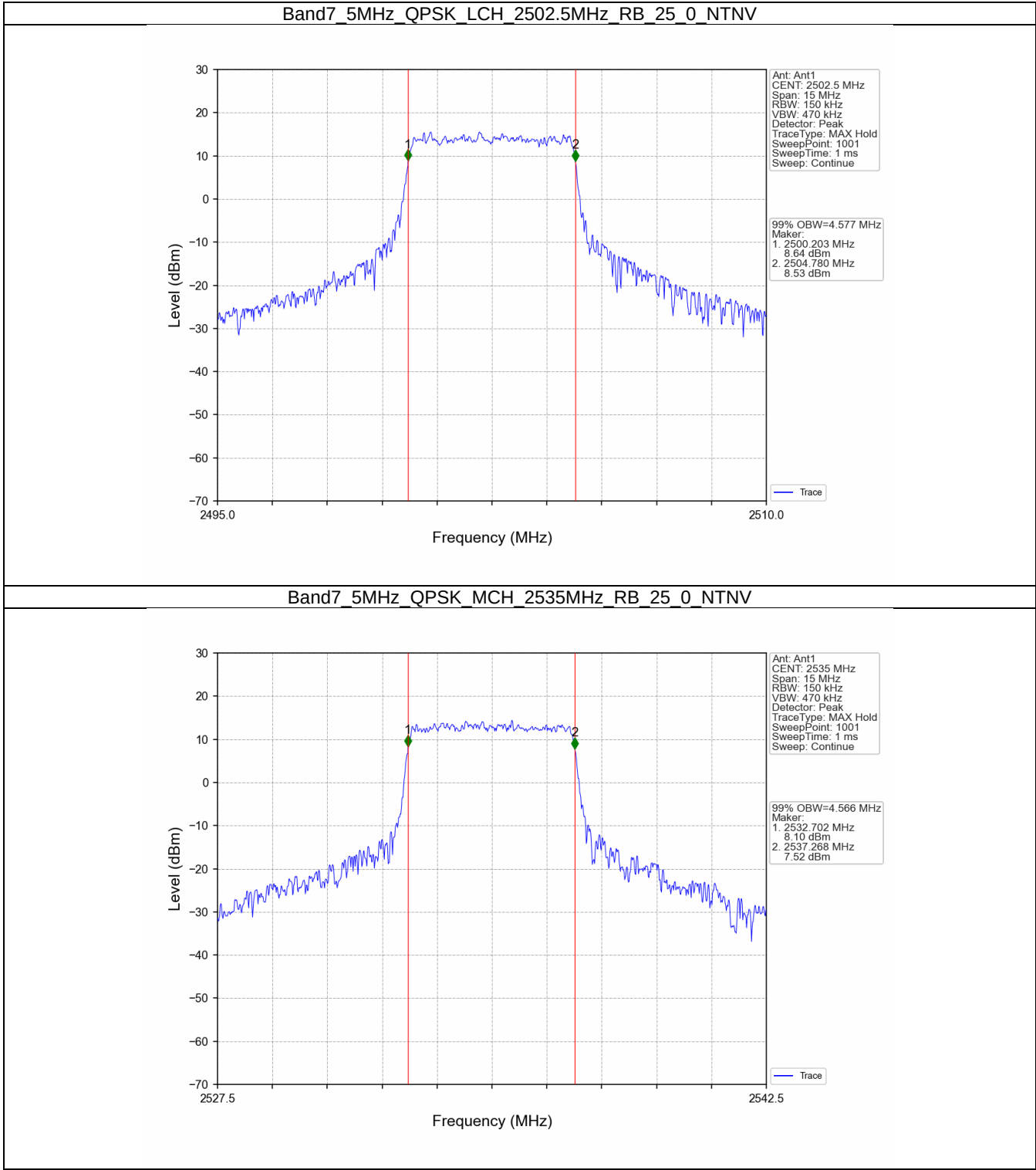
5. 99% & 26dB Bandwidth

5.1 Band7_OBW

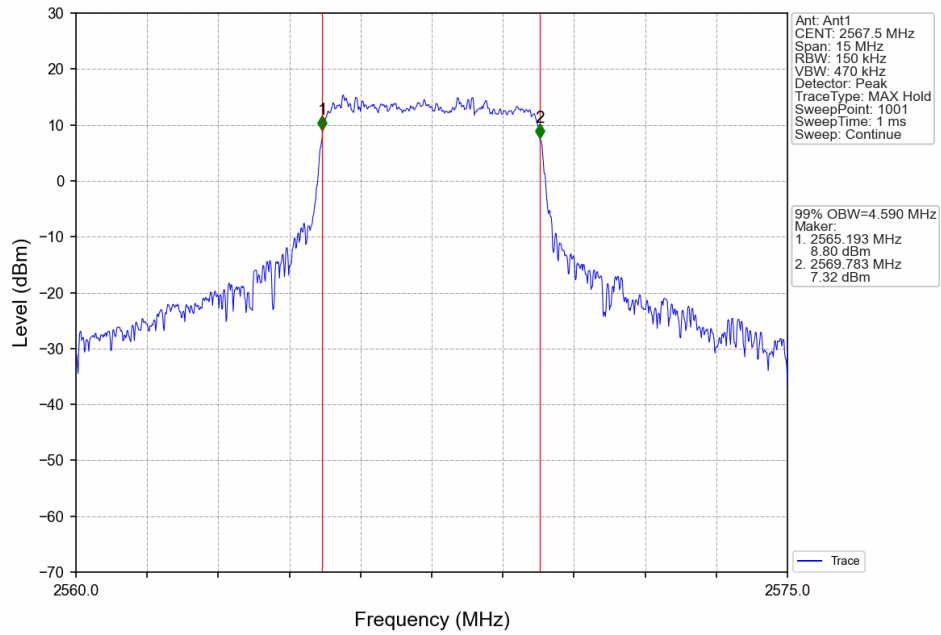
5.1.1 Test Result

Band: 7 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	4.577	Pass
		2535	25	0	4.566	Pass
		2567.5	25	0	4.590	Pass
	16QAM	2502.5	25	0	4.603	Pass
		2535	25	0	4.597	Pass
		2567.5	25	0	4.570	Pass
10	QPSK	2505	50	0	9.073	Pass
		2535	50	0	9.078	Pass
		2565	50	0	9.036	Pass
	16QAM	2505	50	0	9.079	Pass
		2535	50	0	9.083	Pass
		2565	50	0	9.024	Pass
15	QPSK	2507.5	75	0	13.654	Pass
		2535	75	0	13.631	Pass
		2562.5	75	0	13.554	Pass
	16QAM	2507.5	75	0	13.607	Pass
		2535	75	0	13.617	Pass
		2562.5	75	0	13.611	Pass
20	QPSK	2510	100	0	18.205	Pass
		2535	100	0	18.122	Pass
		2560	100	0	18.083	Pass
	16QAM	2510	100	0	18.227	Pass
		2535	100	0	18.150	Pass
		2560	100	0	18.094	Pass

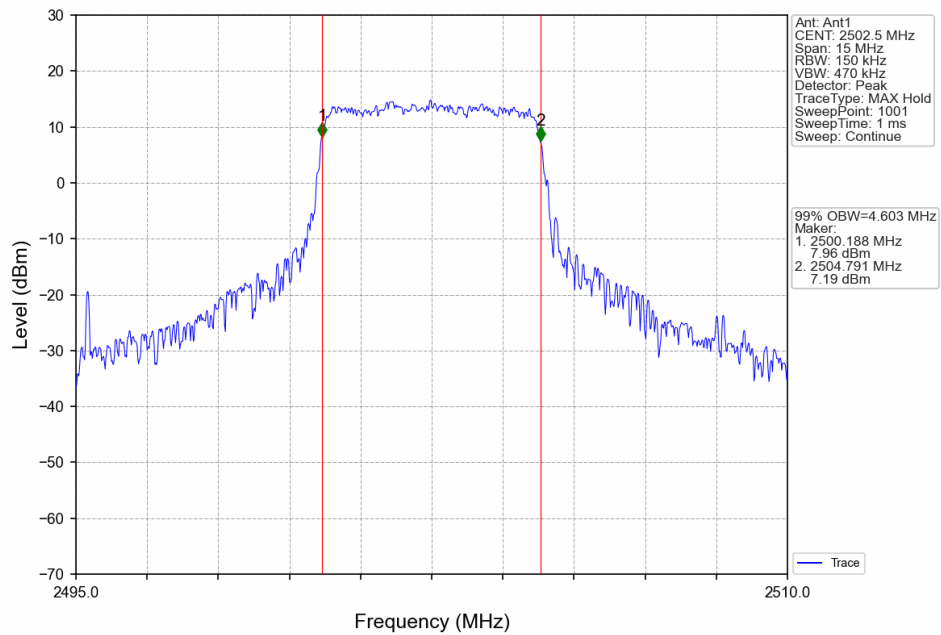
5.1.2 Test Graph



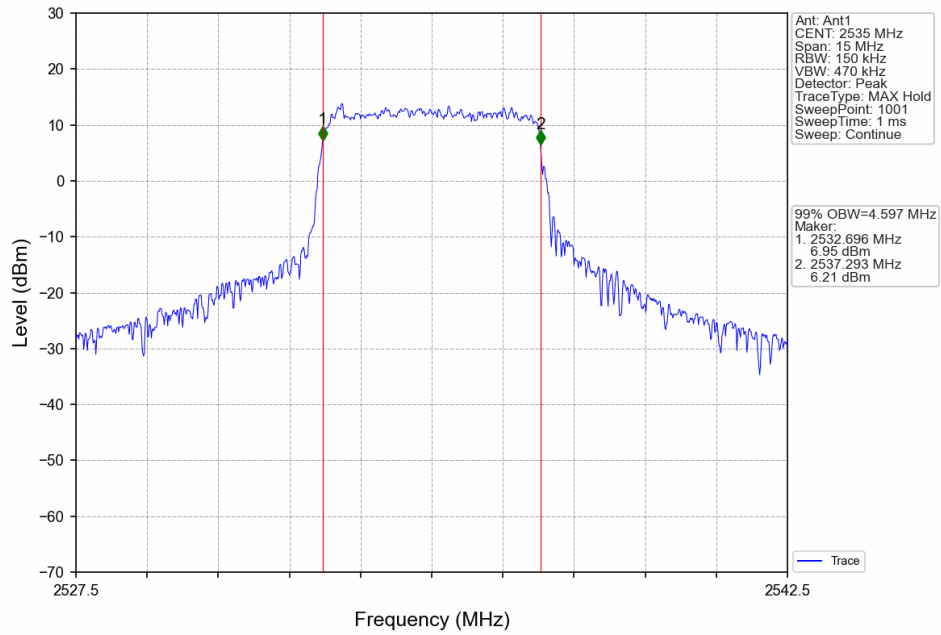
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTN



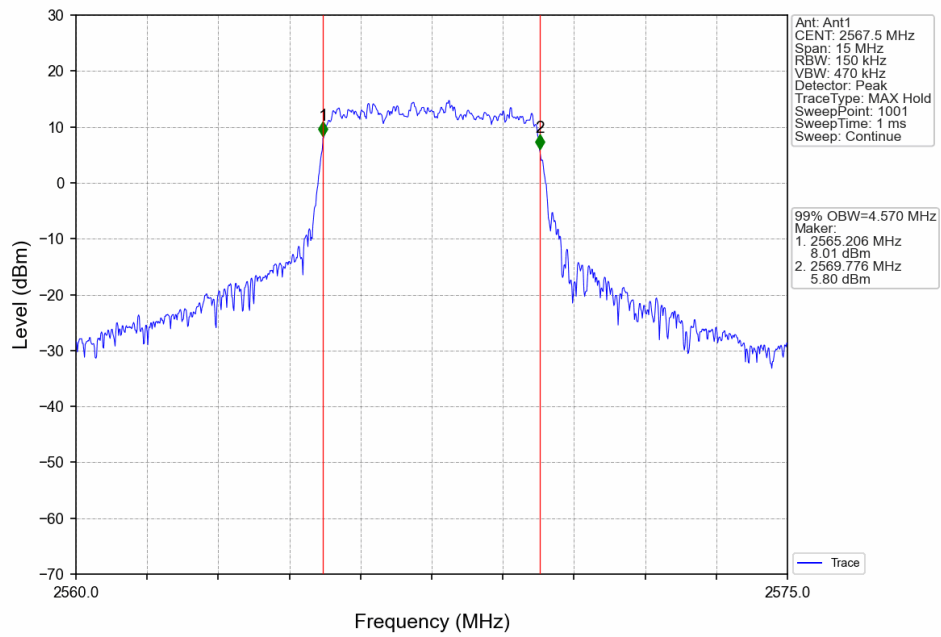
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTN



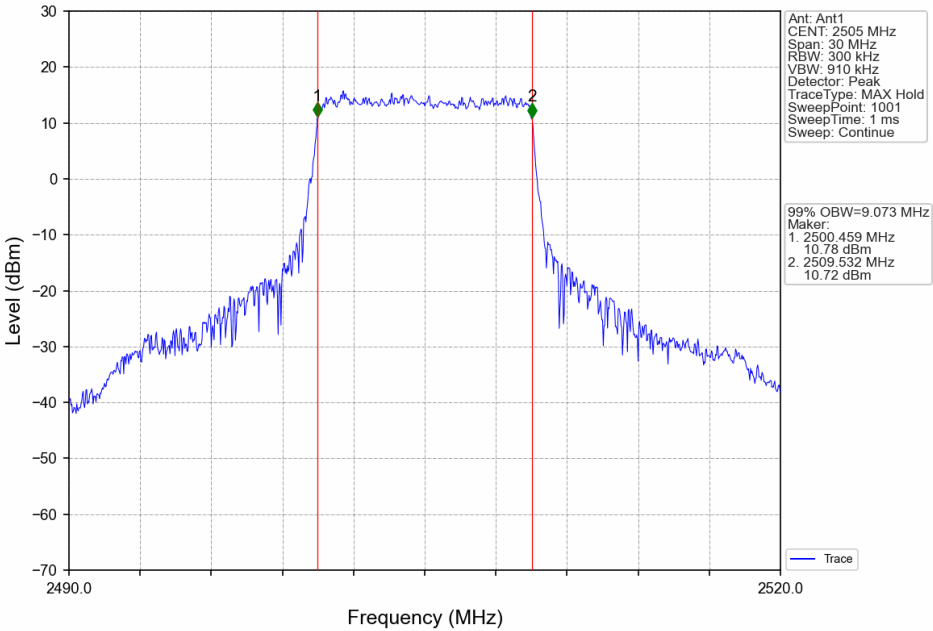
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTV



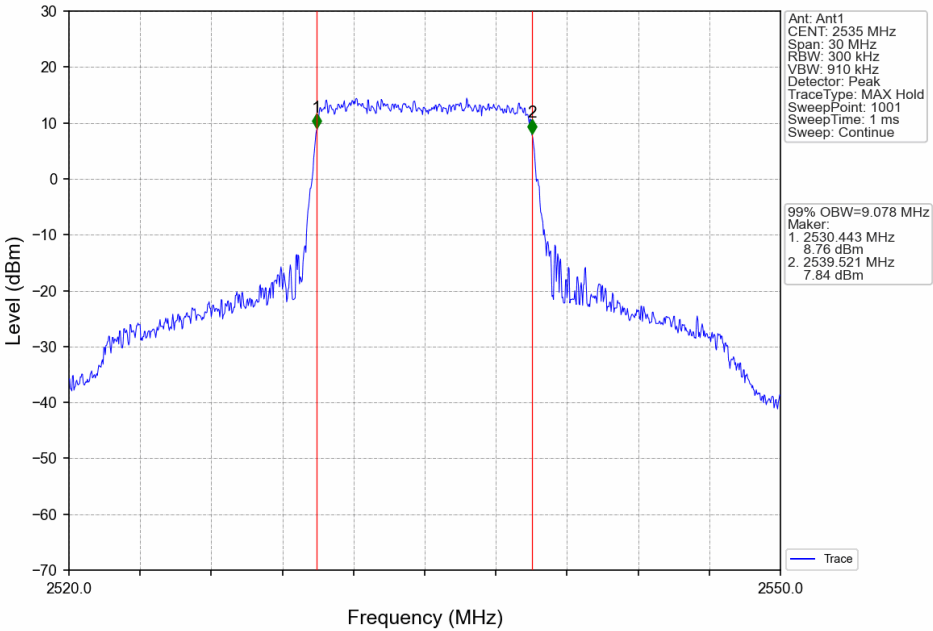
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTV



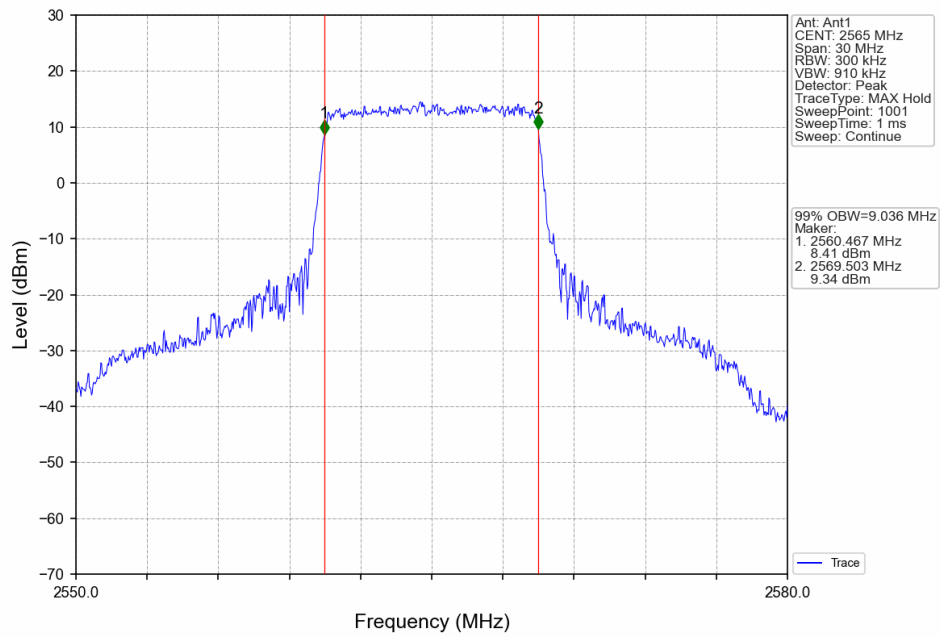
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



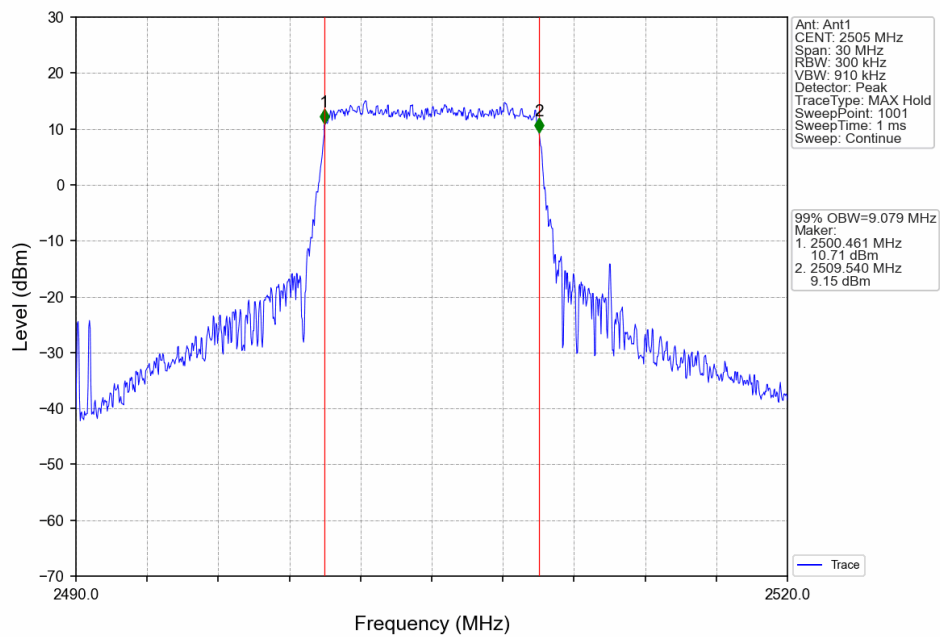
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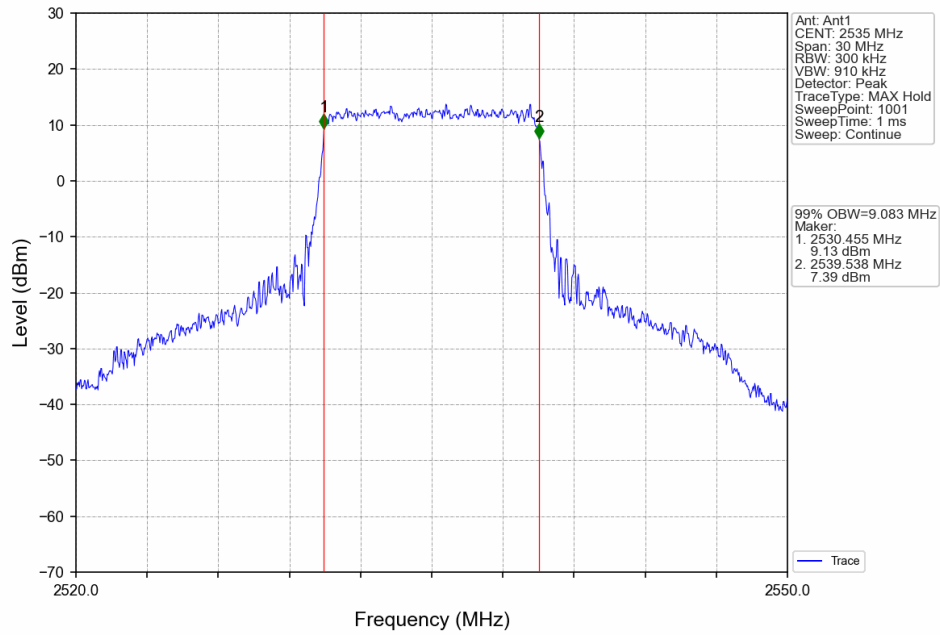
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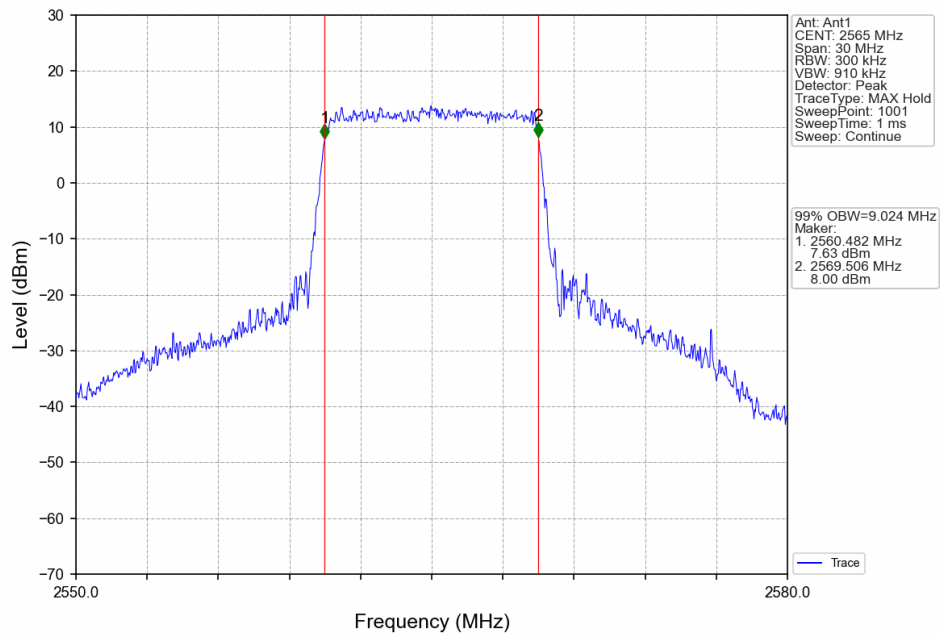
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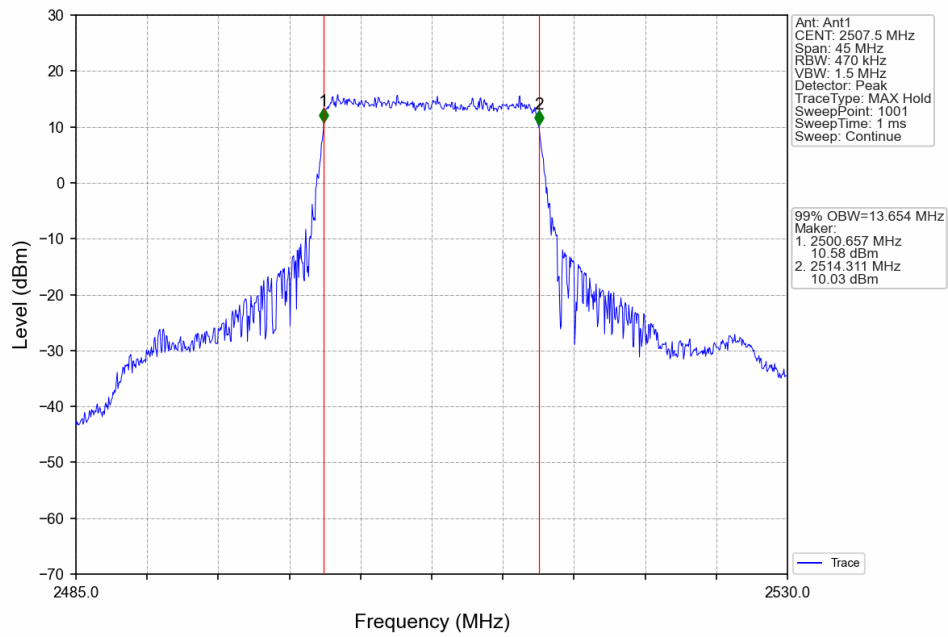
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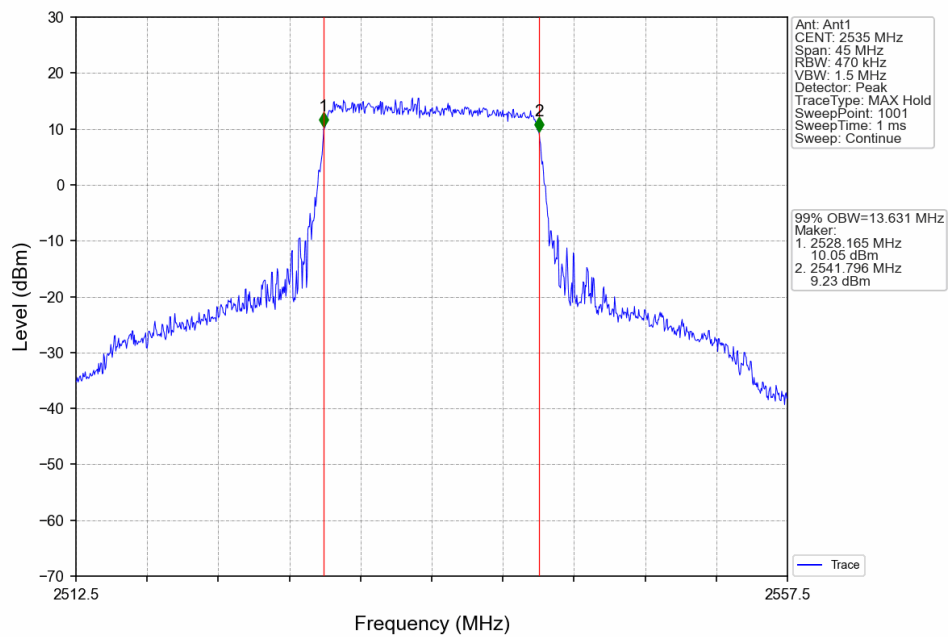
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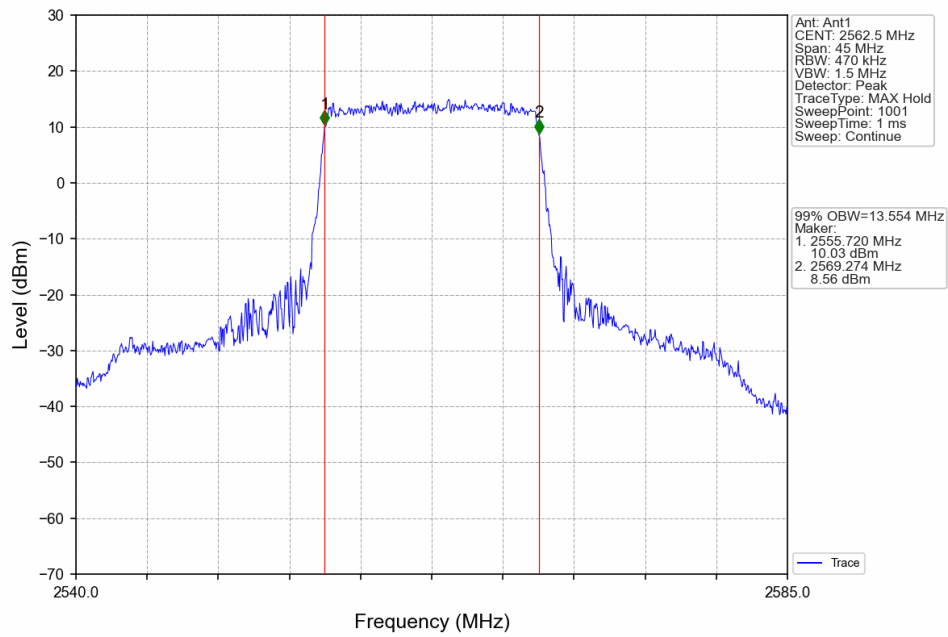
Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTNV



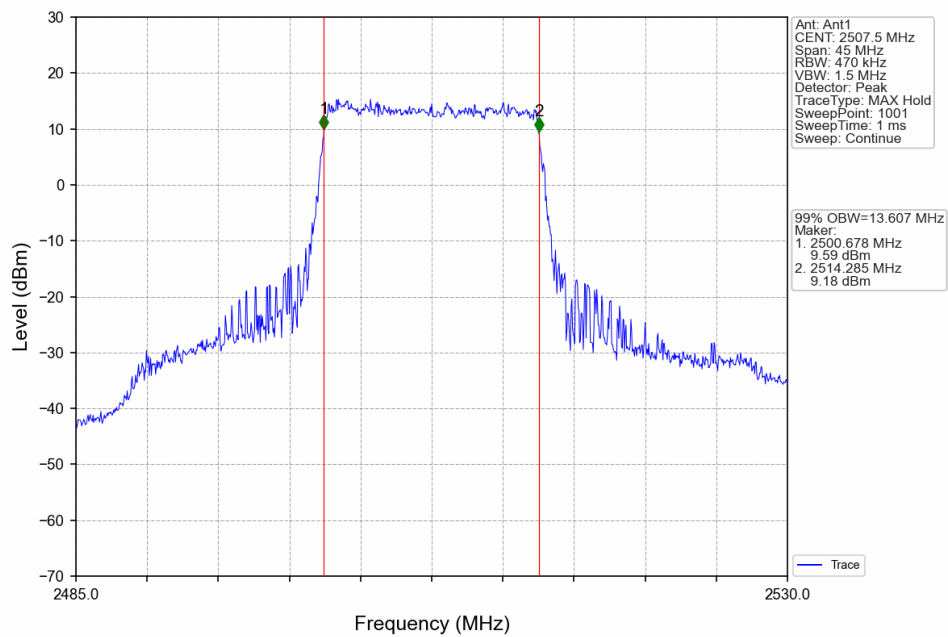
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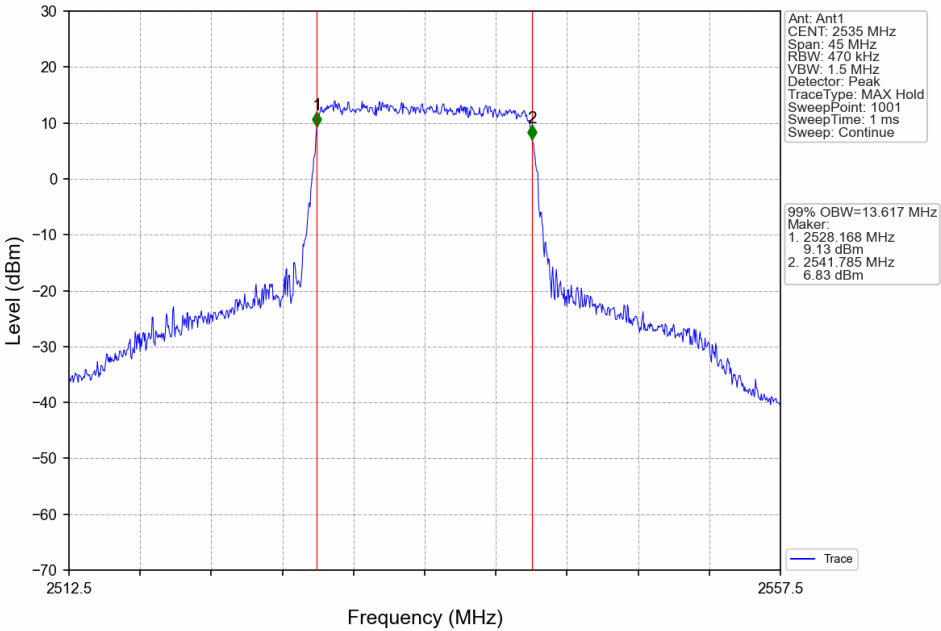
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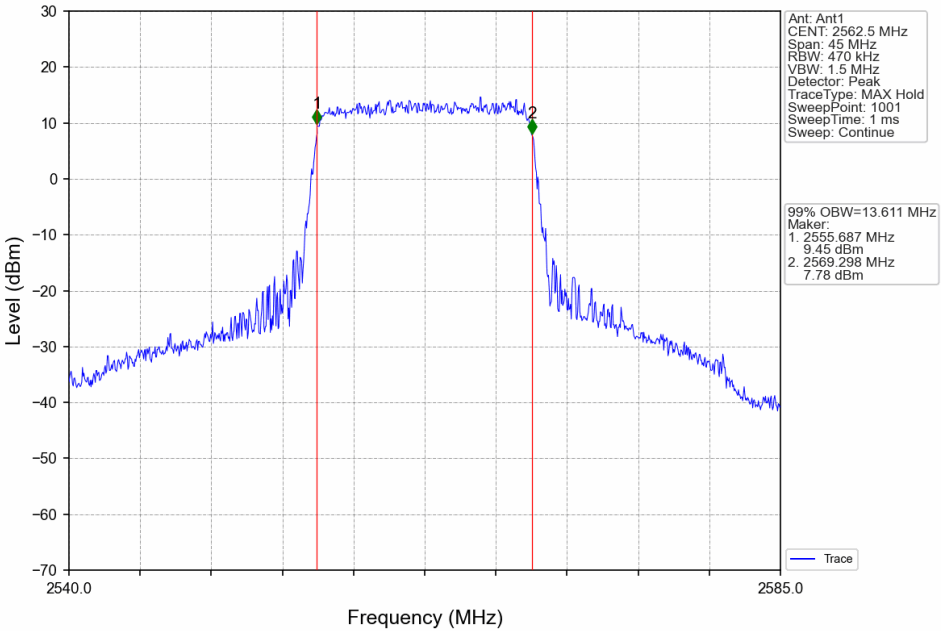
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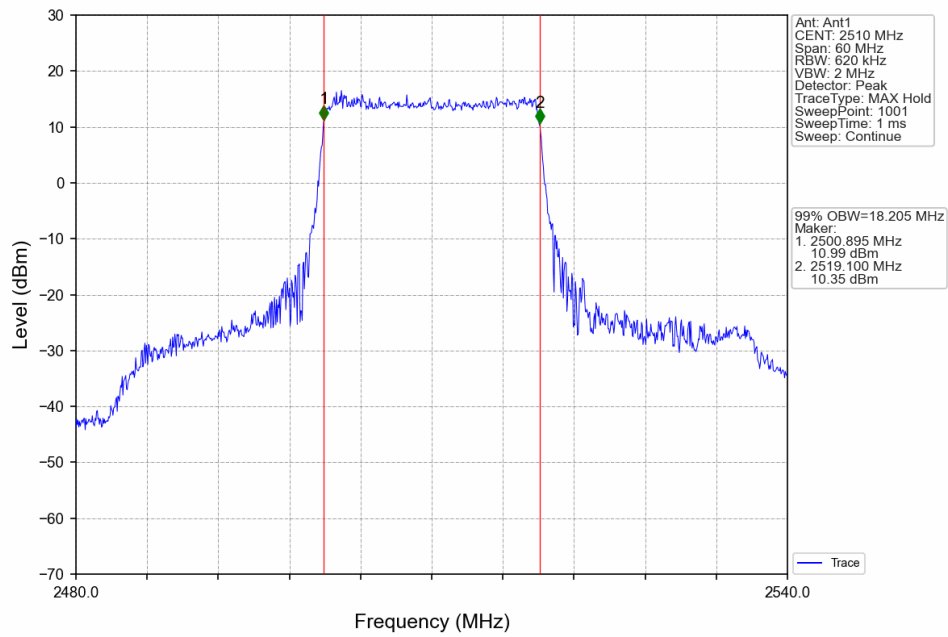
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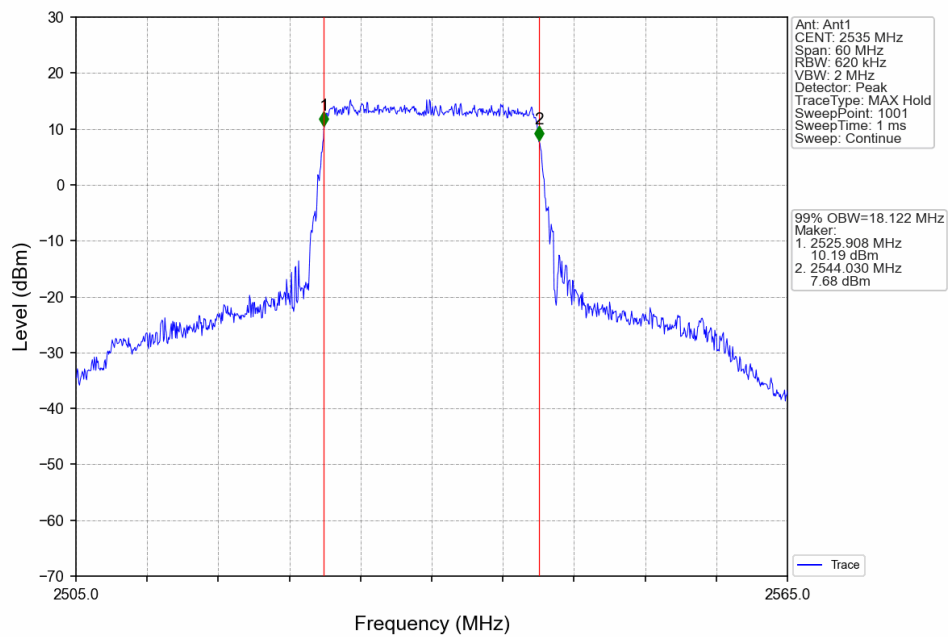
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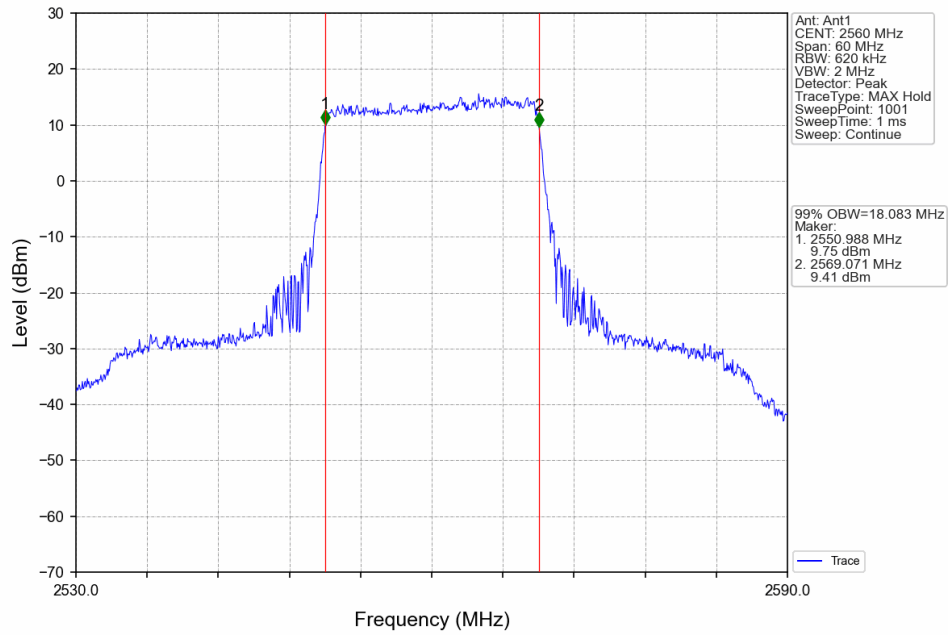
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTN



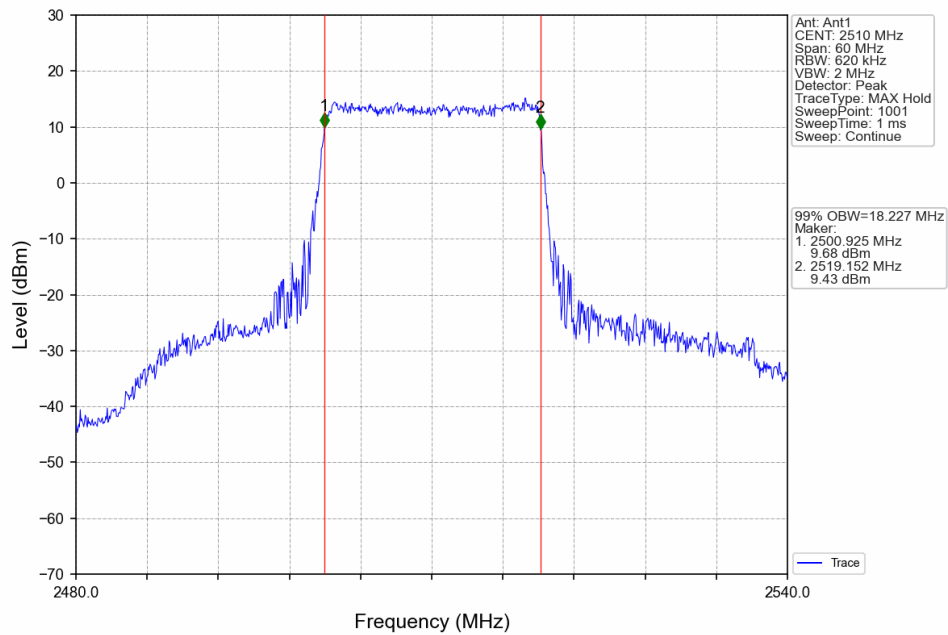
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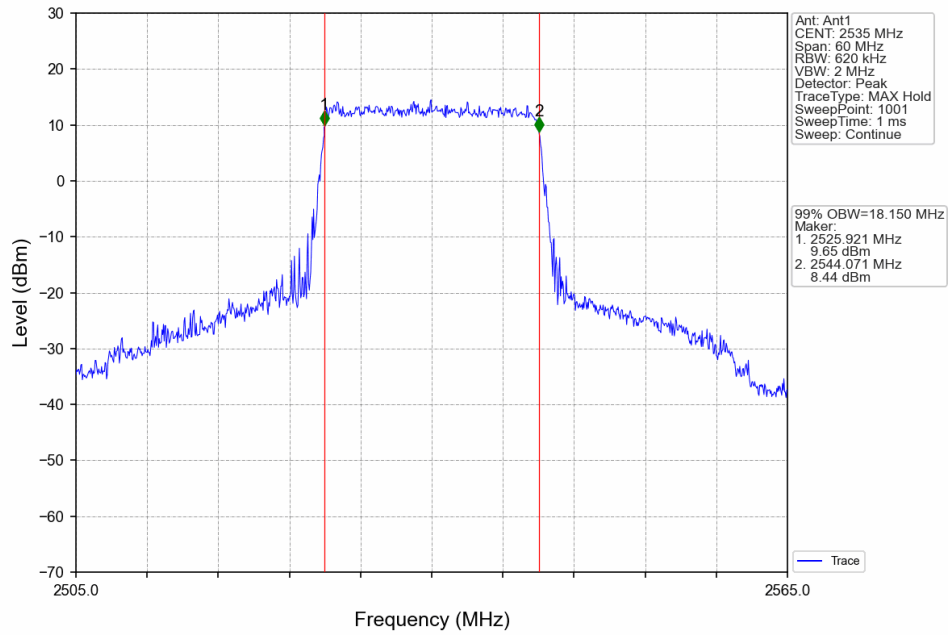
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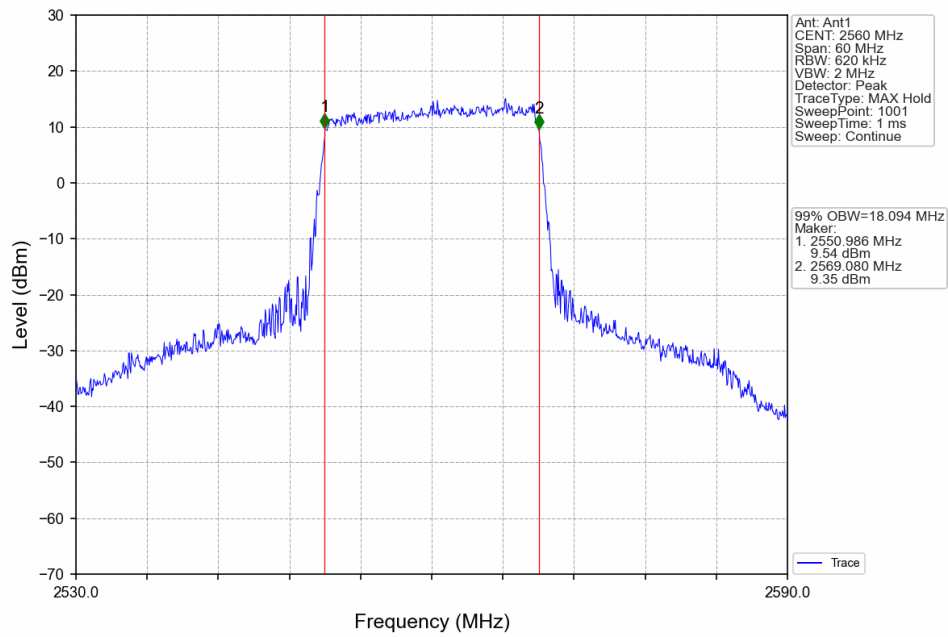
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Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTNV

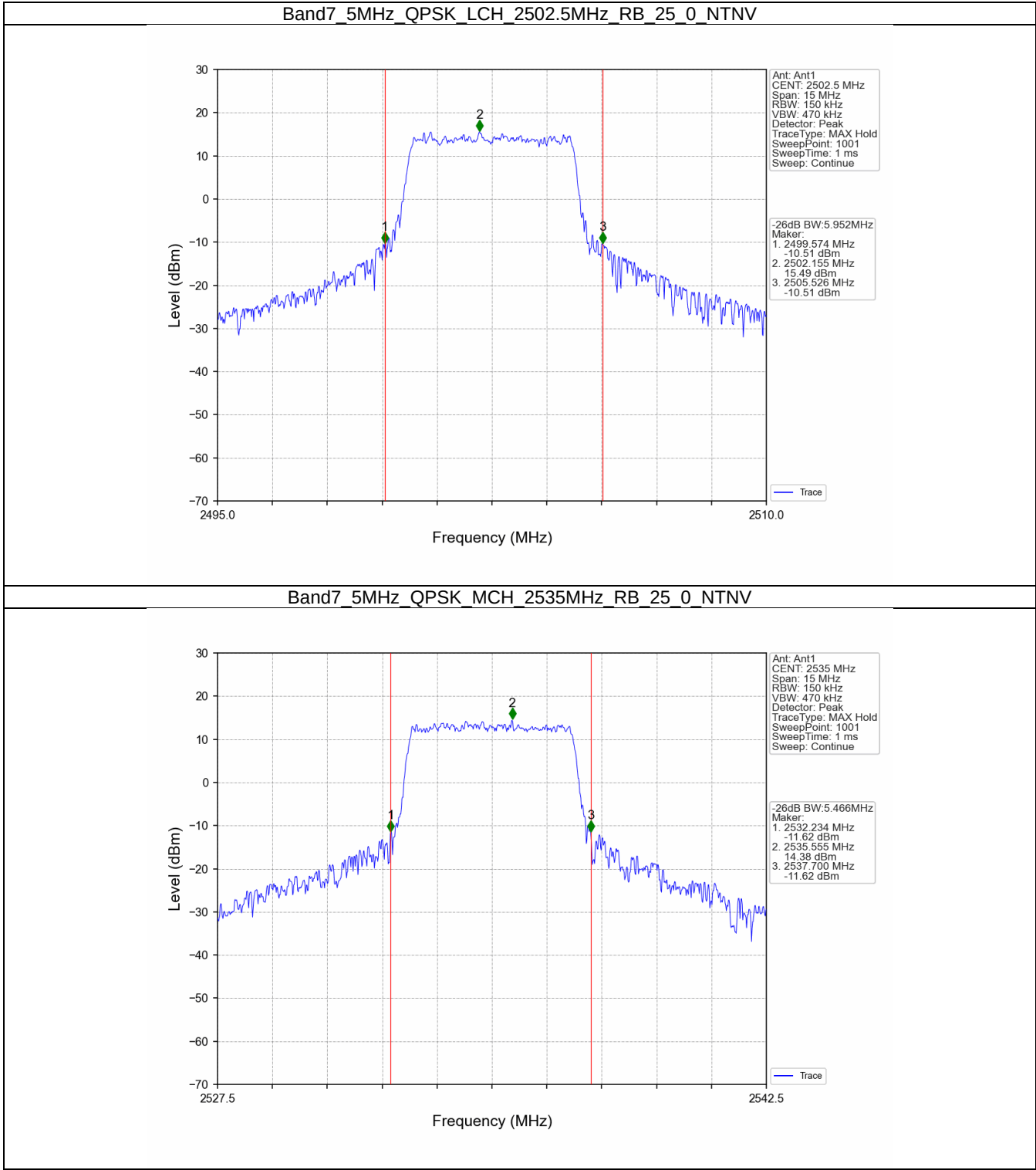


5.2 Band7_XDB

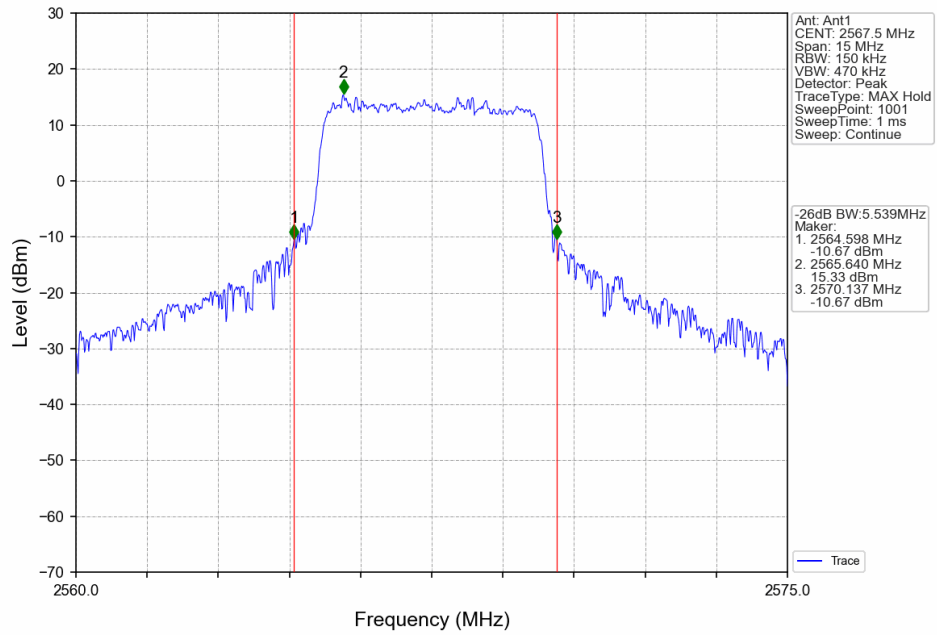
5.2.1 Test Result

Band: 7 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	5.952	Pass
		2535	25	0	5.466	Pass
		2567.5	25	0	5.539	Pass
	16QAM	2502.5	25	0	5.357	Pass
		2535	25	0	5.703	Pass
		2567.5	25	0	5.423	Pass
10	QPSK	2505	50	0	10.302	Pass
		2535	50	0	10.205	Pass
		2565	50	0	10.189	Pass
	16QAM	2505	50	0	10.257	Pass
		2535	50	0	10.655	Pass
		2565	50	0	10.240	Pass
15	QPSK	2507.5	75	0	15.922	Pass
		2535	75	0	16.436	Pass
		2562.5	75	0	15.168	Pass
	16QAM	2507.5	75	0	15.325	Pass
		2535	75	0	15.371	Pass
		2562.5	75	0	15.282	Pass
20	QPSK	2510	100	0	20.710	Pass
		2535	100	0	20.544	Pass
		2560	100	0	20.306	Pass
	16QAM	2510	100	0	21.124	Pass
		2535	100	0	20.815	Pass
		2560	100	0	20.281	Pass

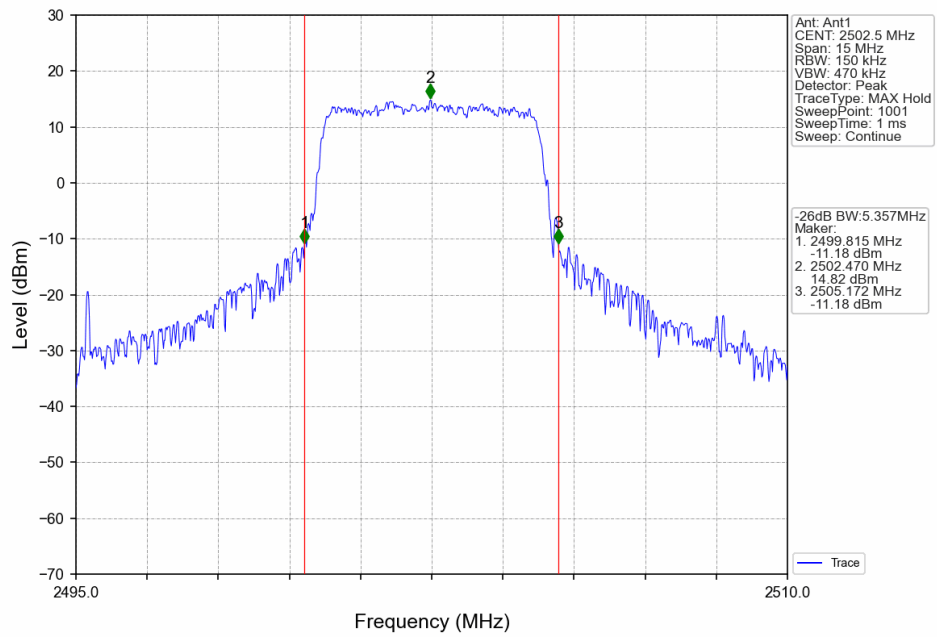
5.2.2 Test Graph



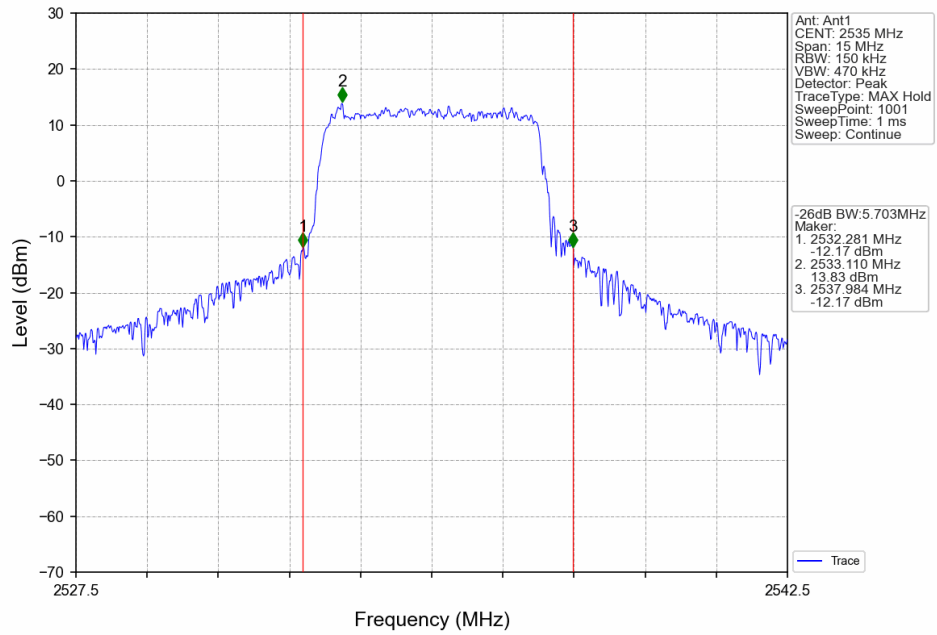
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTN



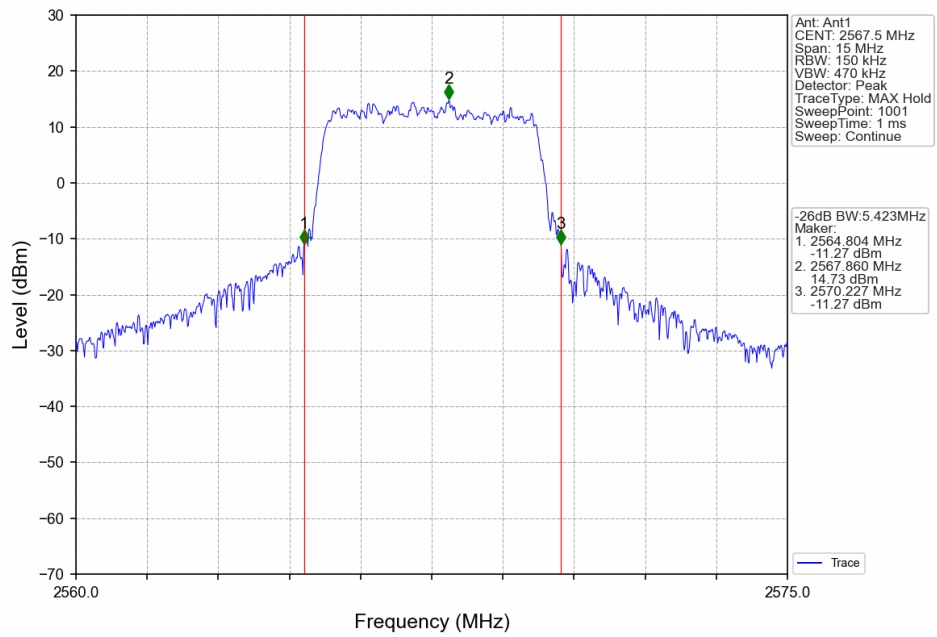
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTN



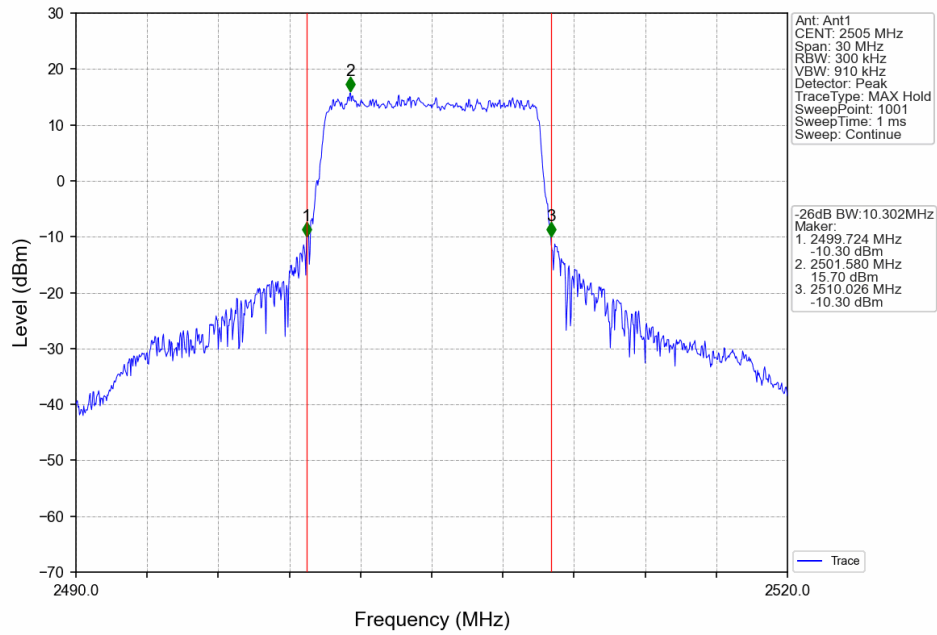
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTV



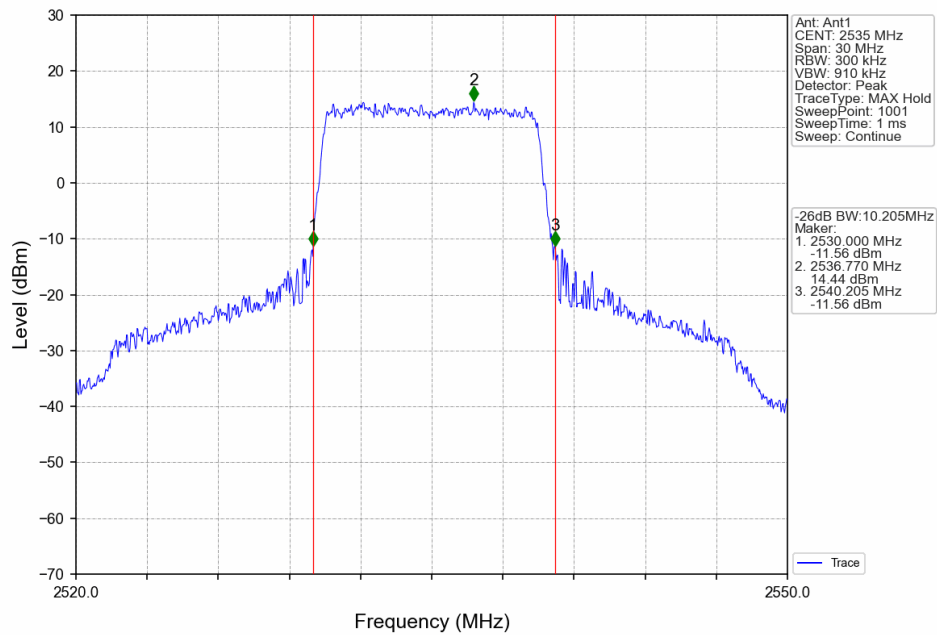
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTV



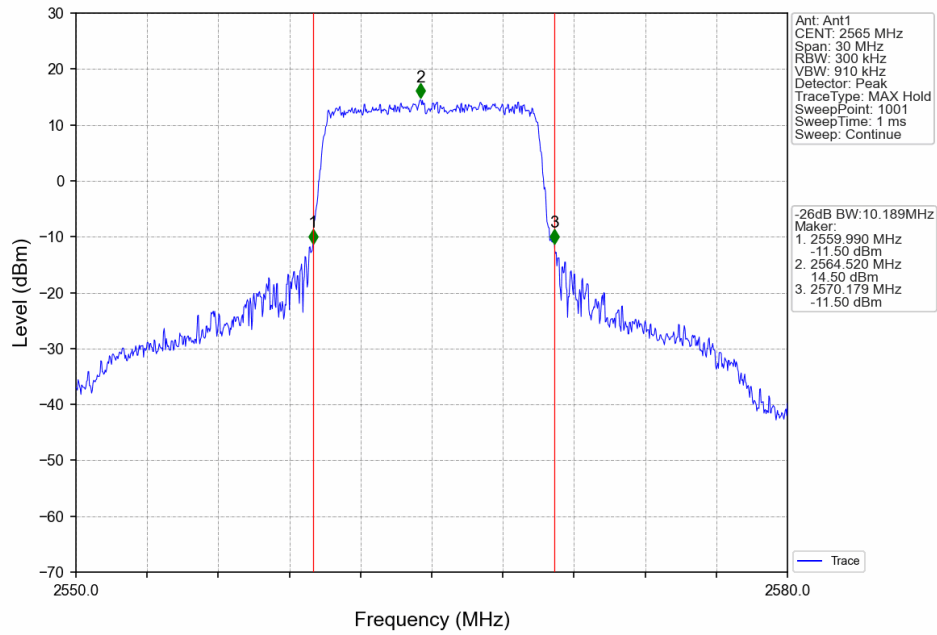
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTN

