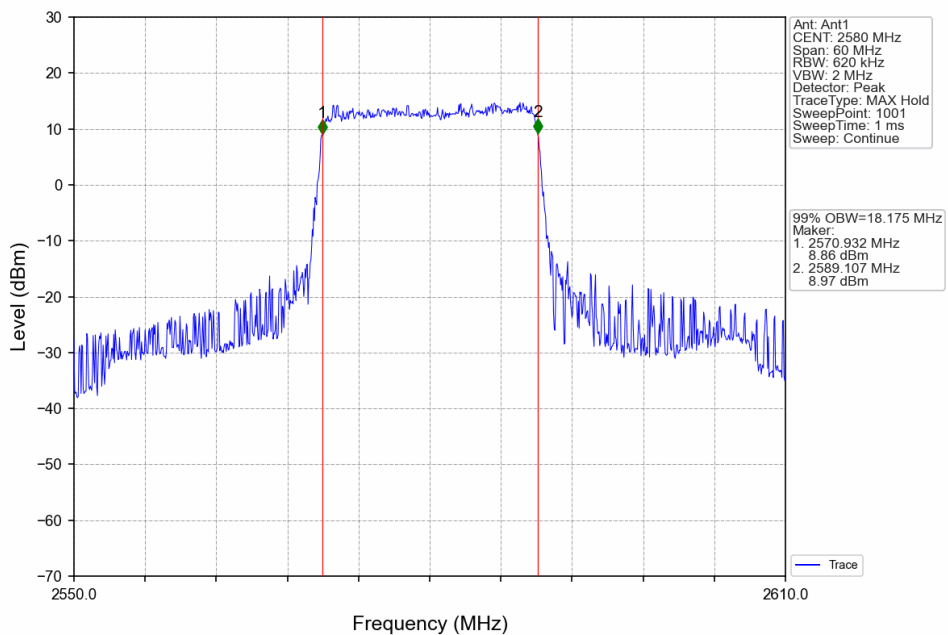
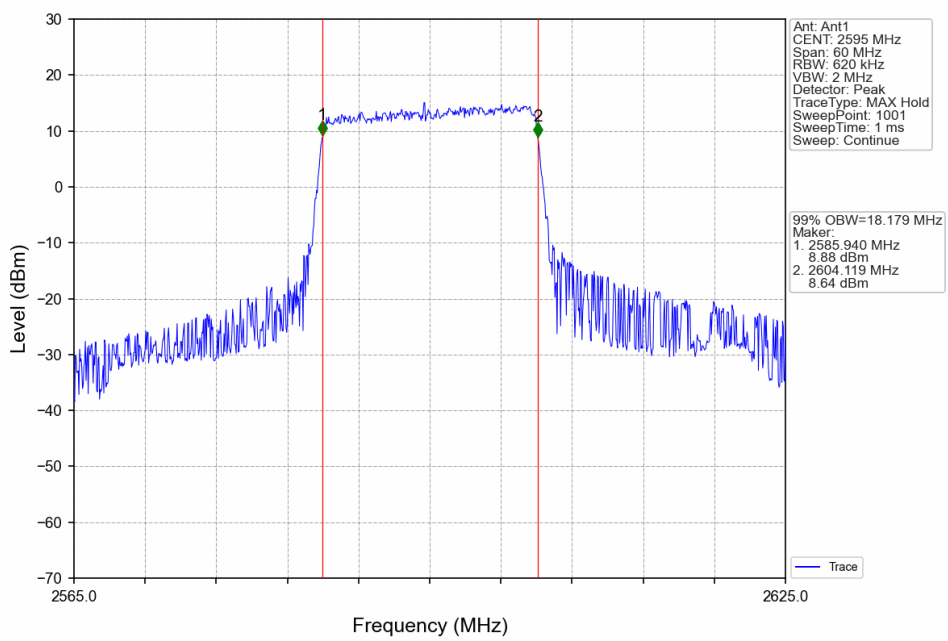


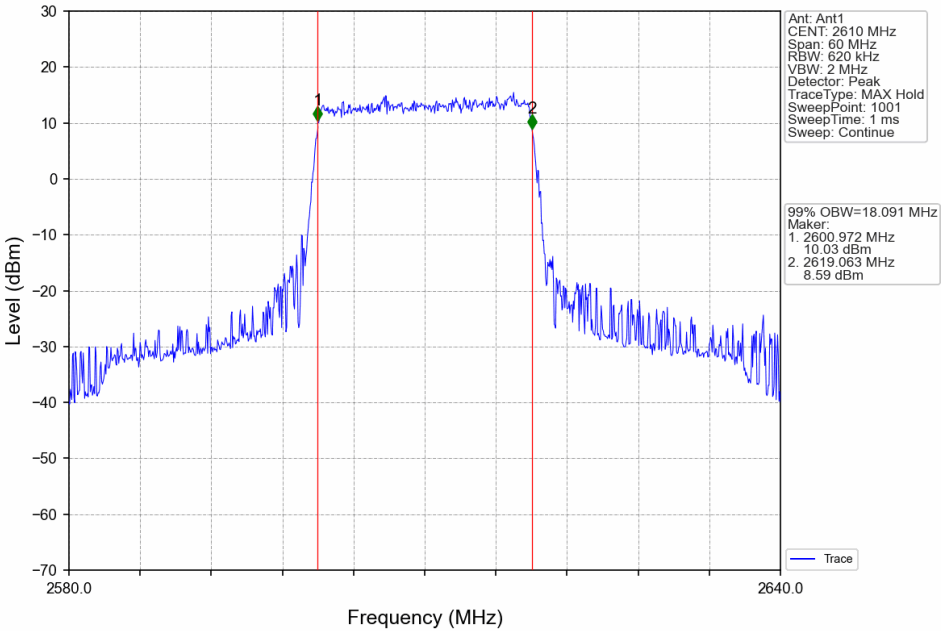
Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTN



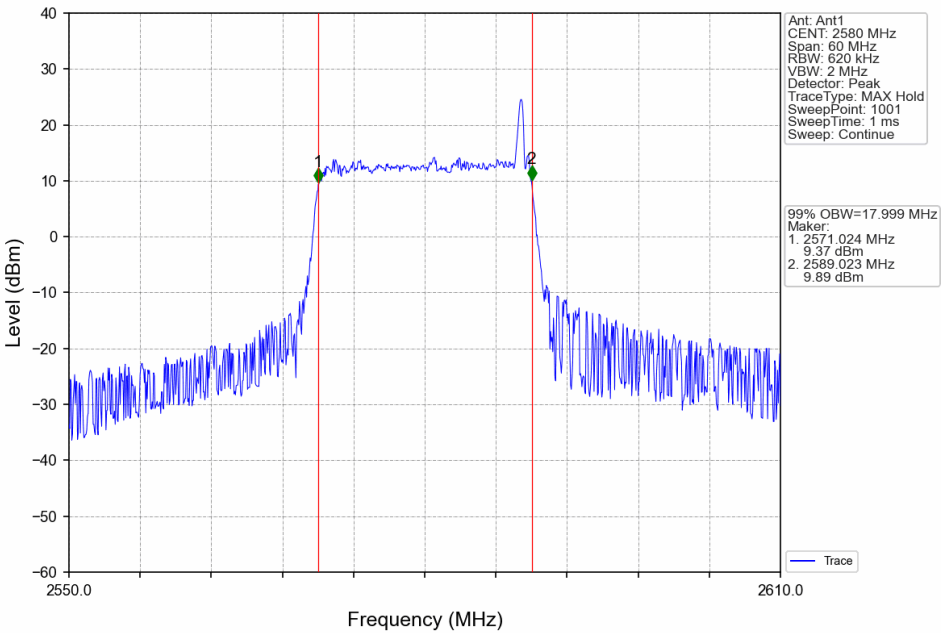
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTN



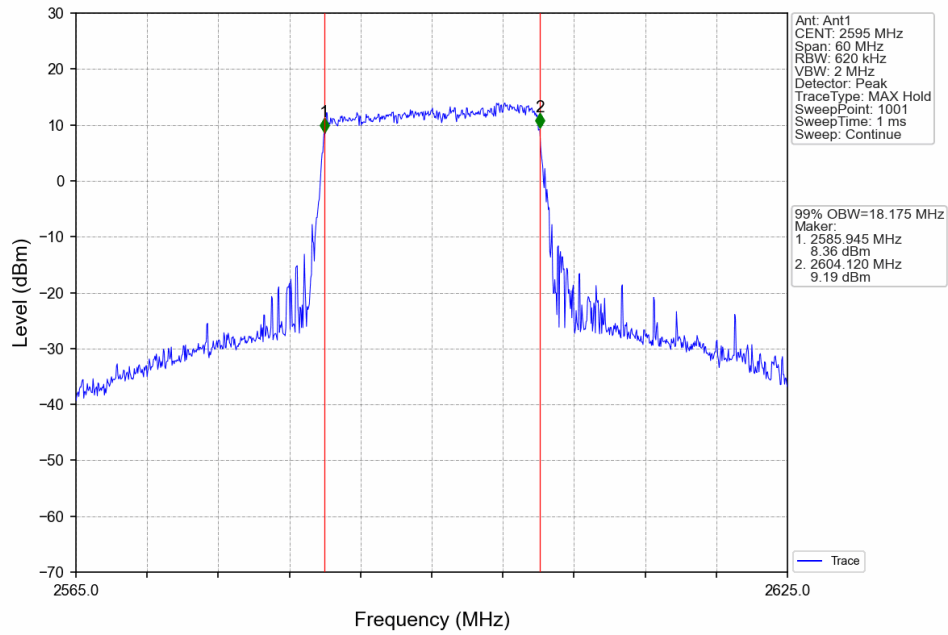
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTNV



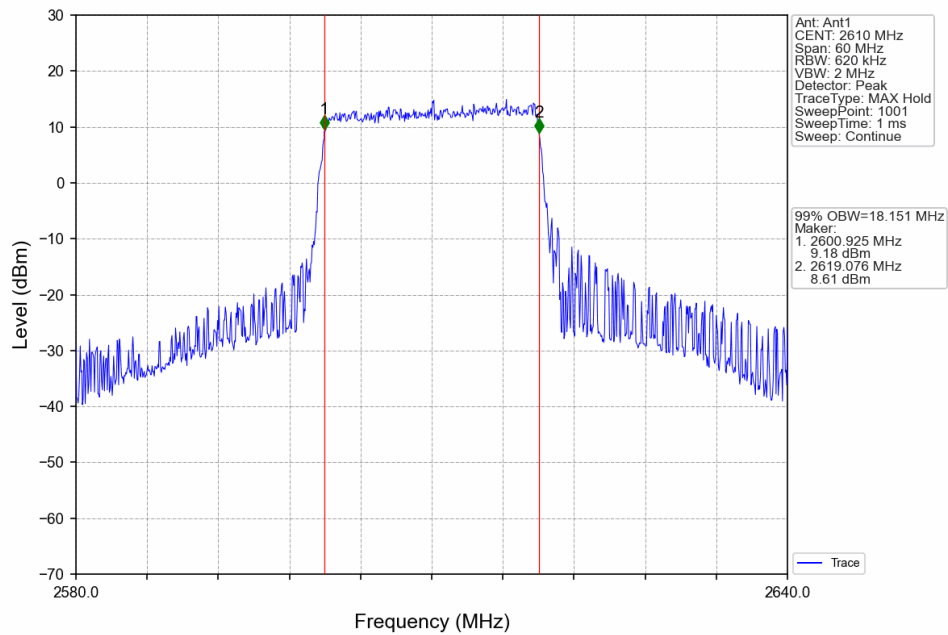
Band38 20MHz 16QAM LCH 2580MHz RB 100 0 NTNV



Band38 20MHz 16QAM MCH 2595MHz RB 100 0 NTNV



Band38 20MHz 16QAM HCH 2610MHz RB 100 0 NTNV

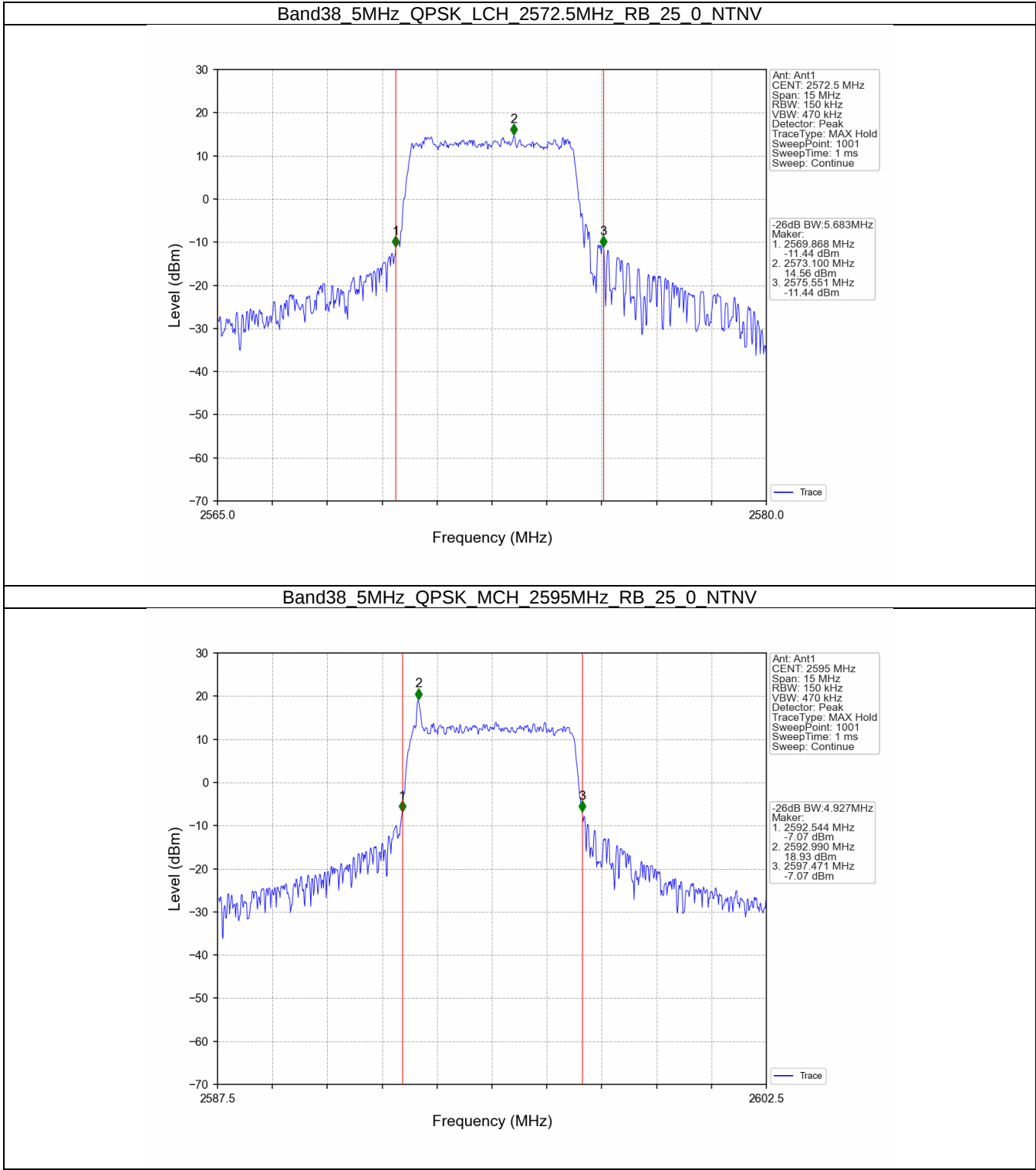


2.2 Band38_XDB

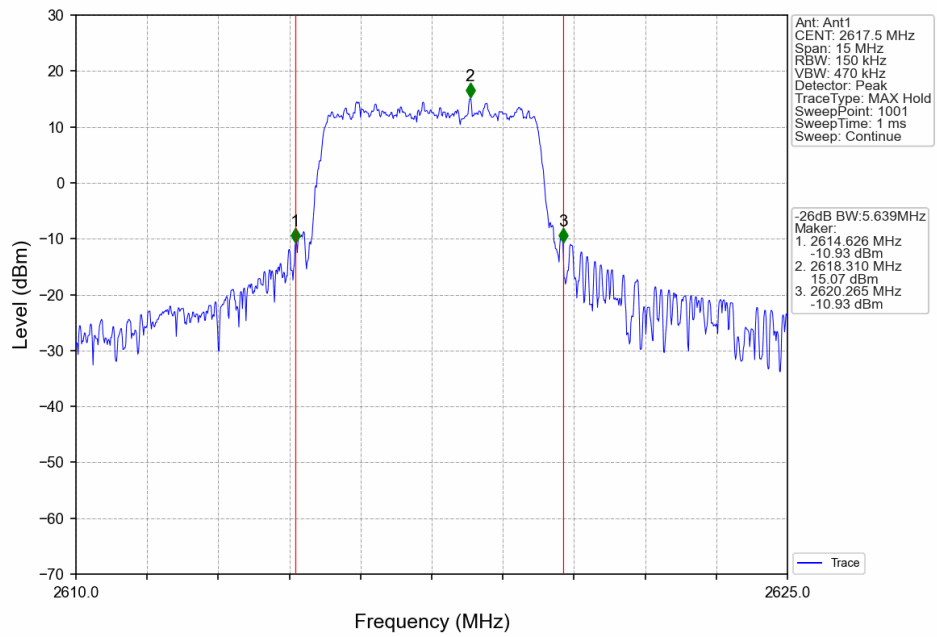
2.2.1 Test Result

Band: 38 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2572.5	25	0	5.683	Pass
		2595	25	0	4.927	Pass
		2617.5	25	0	5.639	Pass
	16QAM	2572.5	25	0	5.449	Pass
		2595	25	0	5.649	Pass
		2617.5	25	0	5.595	Pass
10	QPSK	2575	50	0	9.629	Pass
		2595	50	0	10.981	Pass
		2615	50	0	10.242	Pass
	16QAM	2575	50	0	10.452	Pass
		2595	50	0	10.576	Pass
		2615	50	0	10.048	Pass
15	QPSK	2577.5	75	0	15.616	Pass
		2595	75	0	14.600	Pass
		2612.5	75	0	15.196	Pass
	16QAM	2577.5	75	0	14.562	Pass
		2595	75	0	15.320	Pass
		2612.5	75	0	16.602	Pass
20	QPSK	2580	100	0	20.060	Pass
		2595	100	0	20.625	Pass
		2610	100	0	20.341	Pass
	16QAM	2580	100	0	19.039	Pass
		2595	100	0	20.809	Pass
		2610	100	0	20.751	Pass

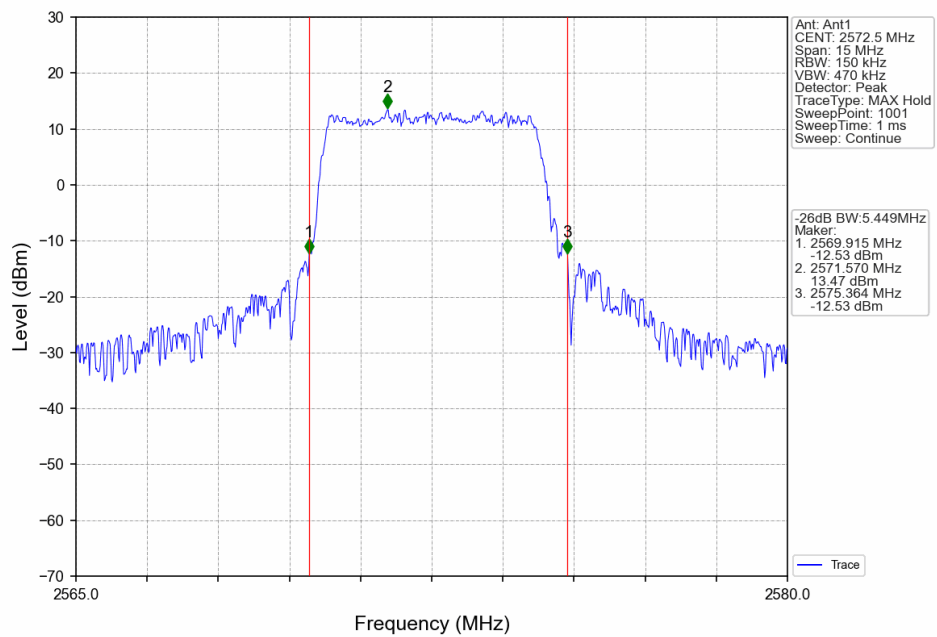
2.2.2 Test Graph



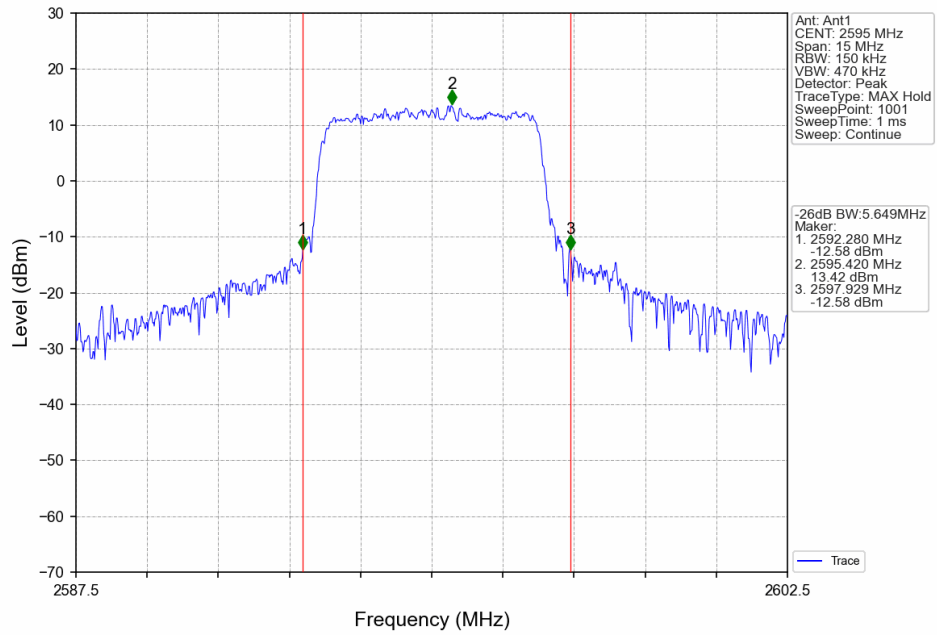
Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV



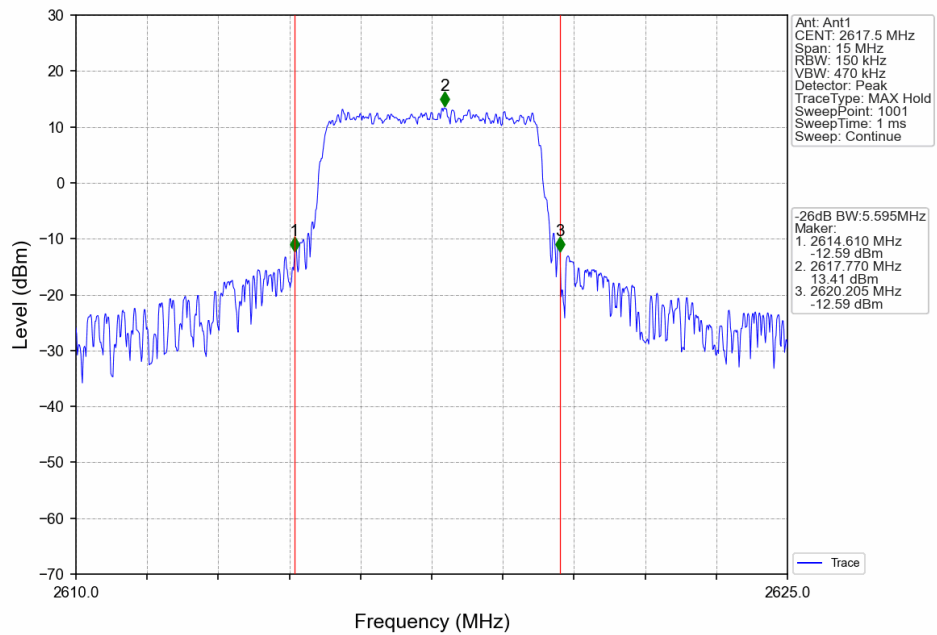
Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTNV



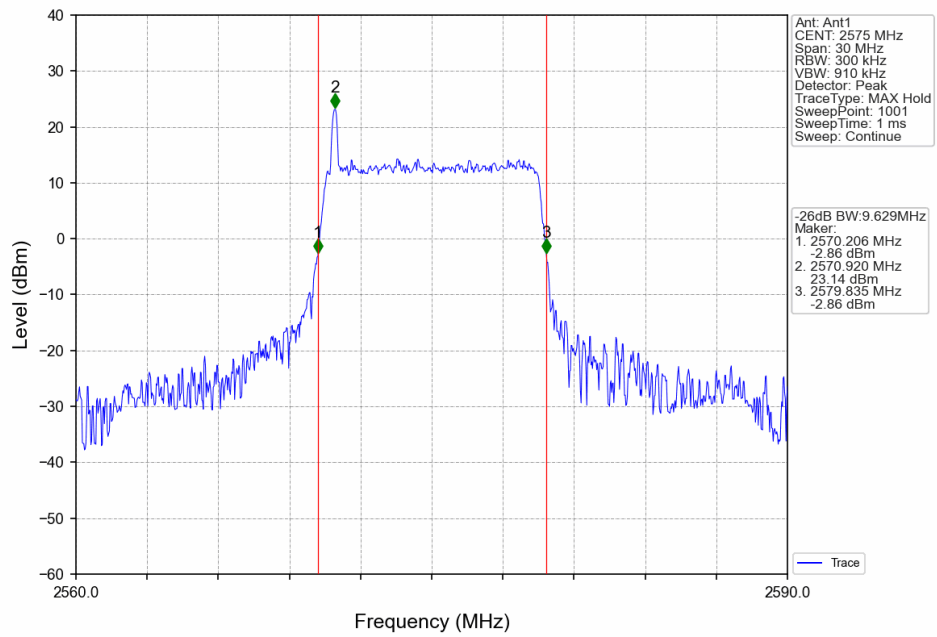
Band38 5MHz 16QAM MCH 2595MHz RB 25 0 NTN



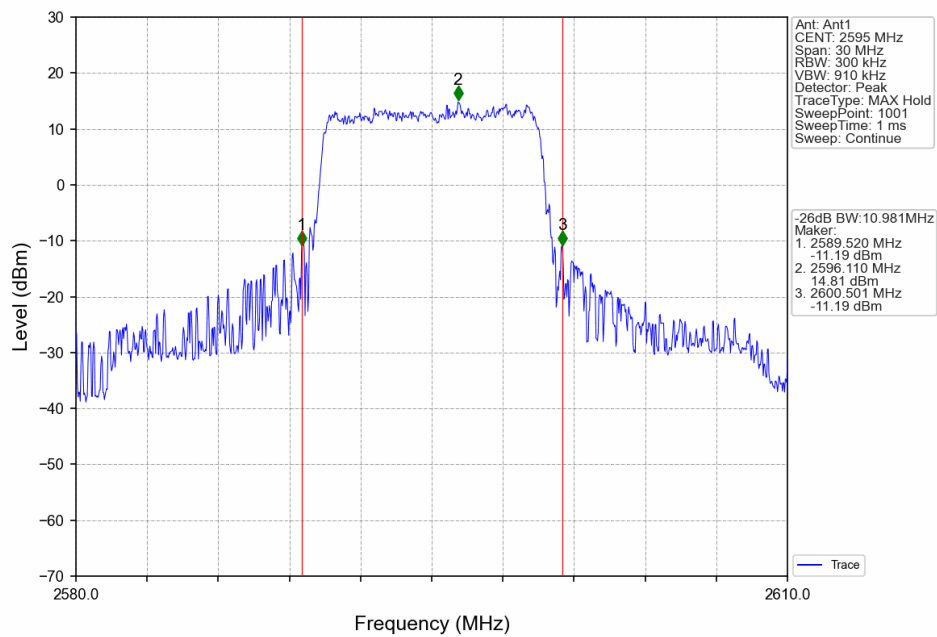
Band38 5MHz 16QAM HCH 2617.5MHz RB 25 0 NTN



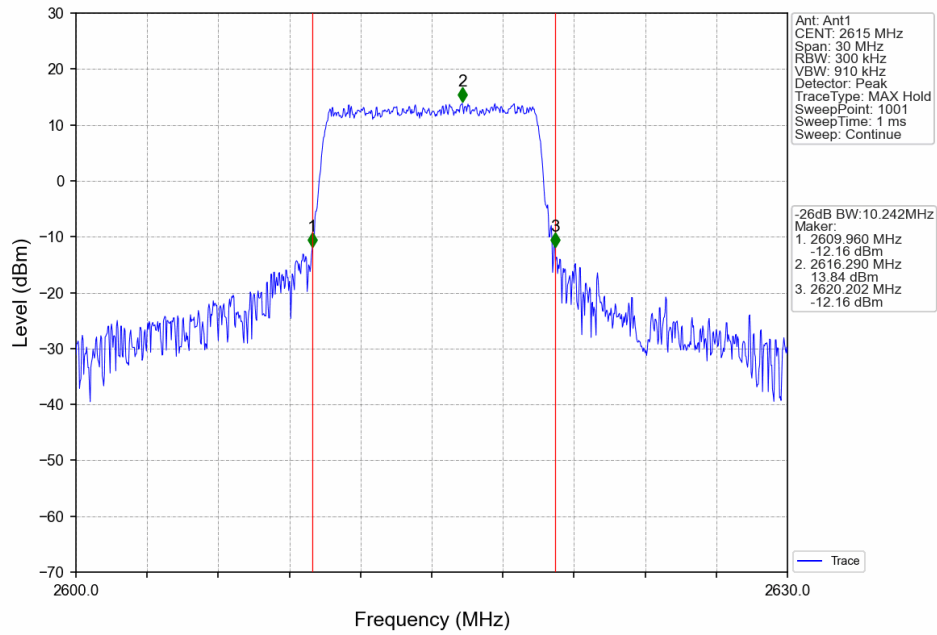
Band38 10MHz QPSK LCH 2575MHz RB 50 0 NTNV



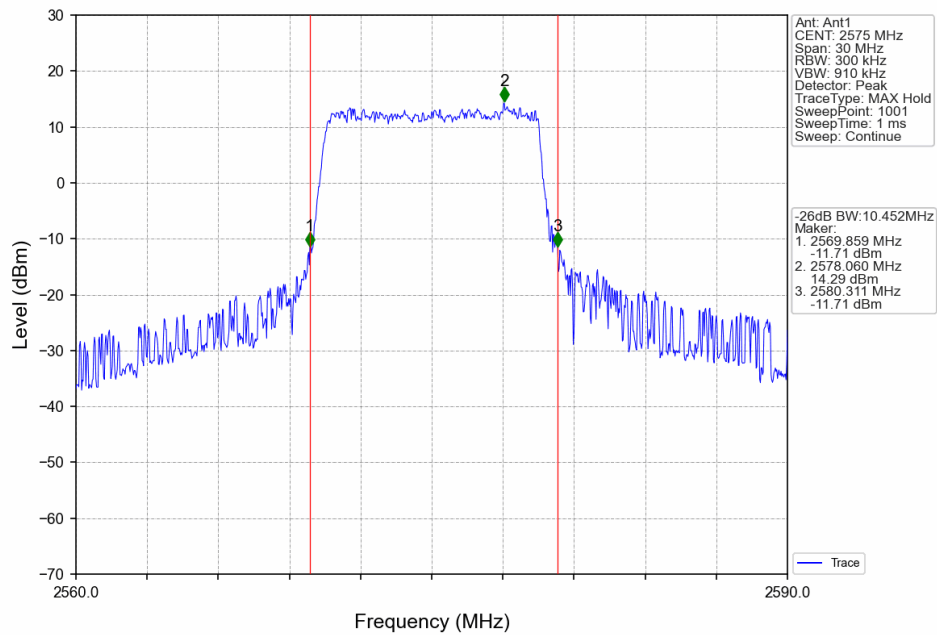
Band38 10MHz QPSK MCH 2595MHz RB 50 0 NTNV



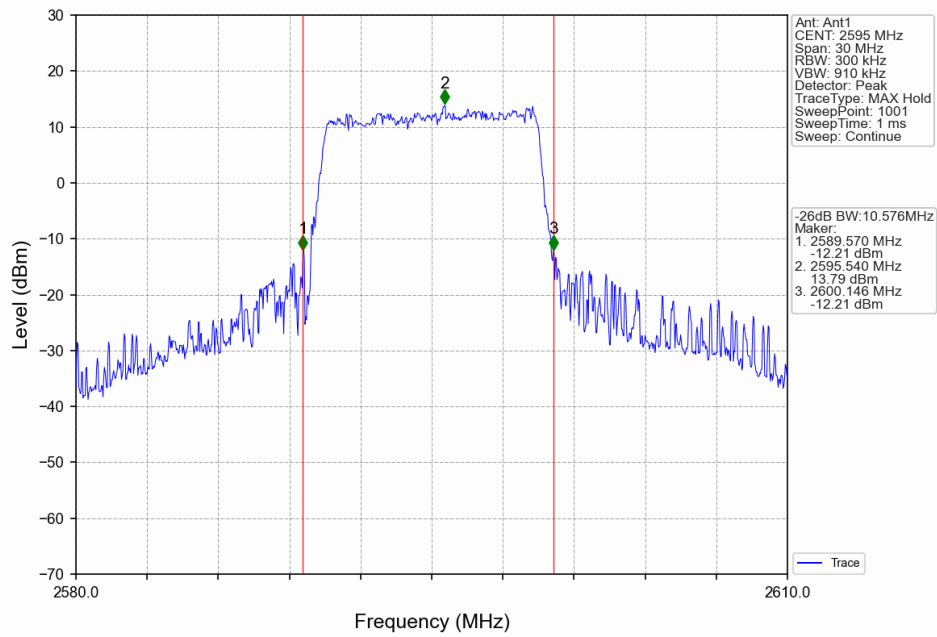
Band38 10MHz QPSK HCH 2615MHz RB 50 0 NTNV



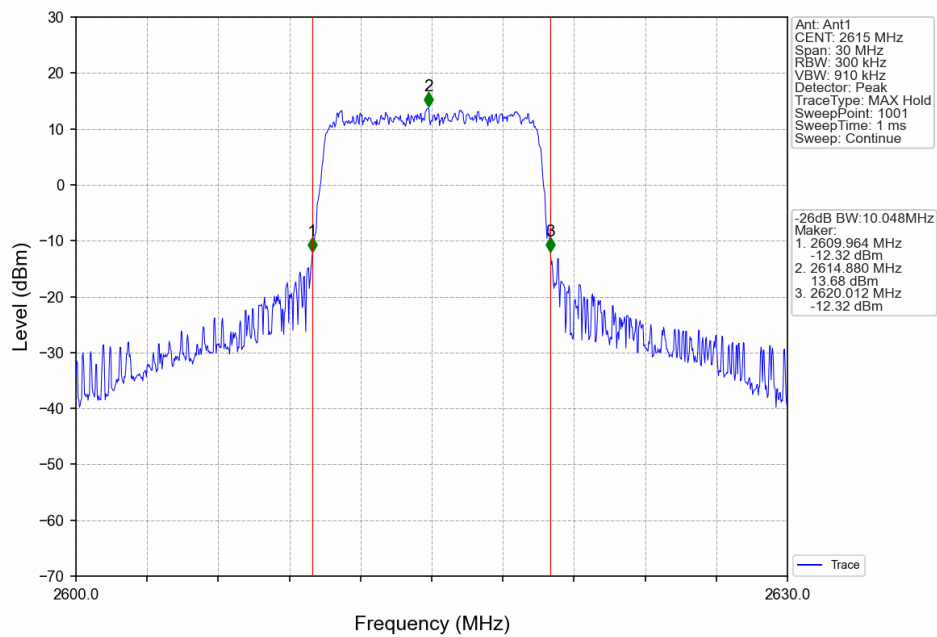
Band38 10MHz 16QAM LCH 2575MHz RB 50 0 NTNV



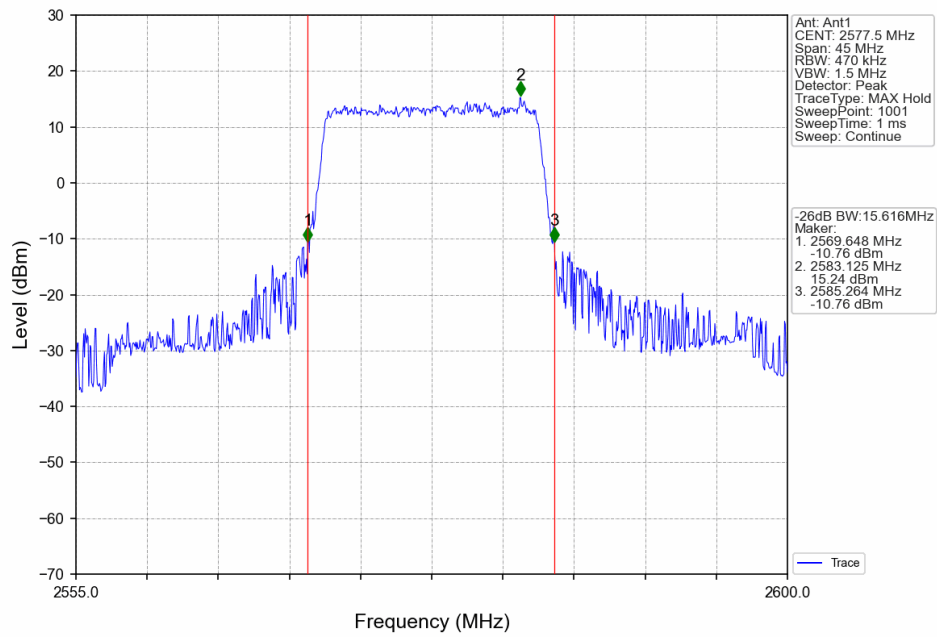
Band38 10MHz 16QAM MCH 2595MHz RB 50 0 NTN



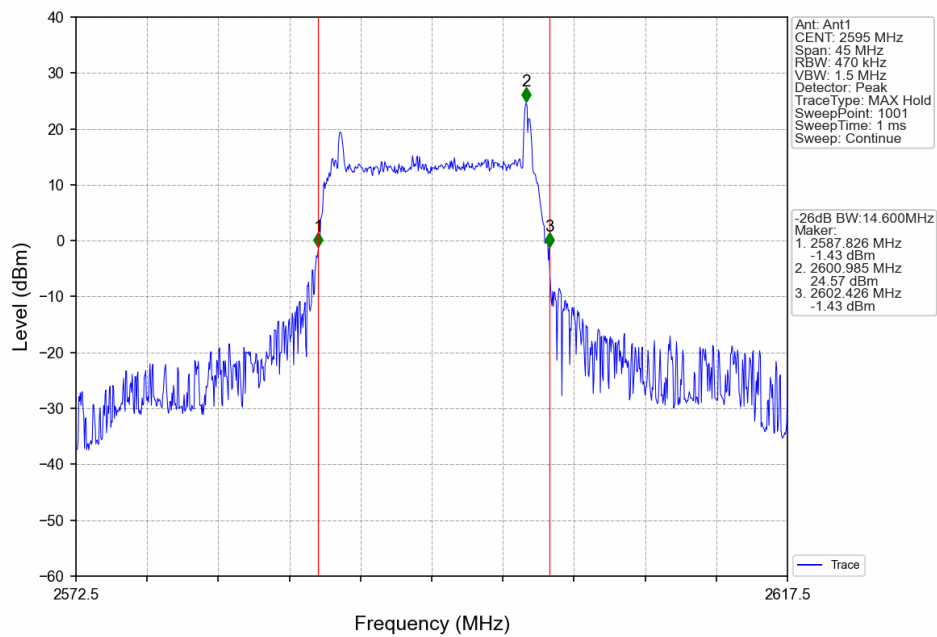
Band38 10MHz 16QAM HCH 2615MHz RB 50 0 NTN



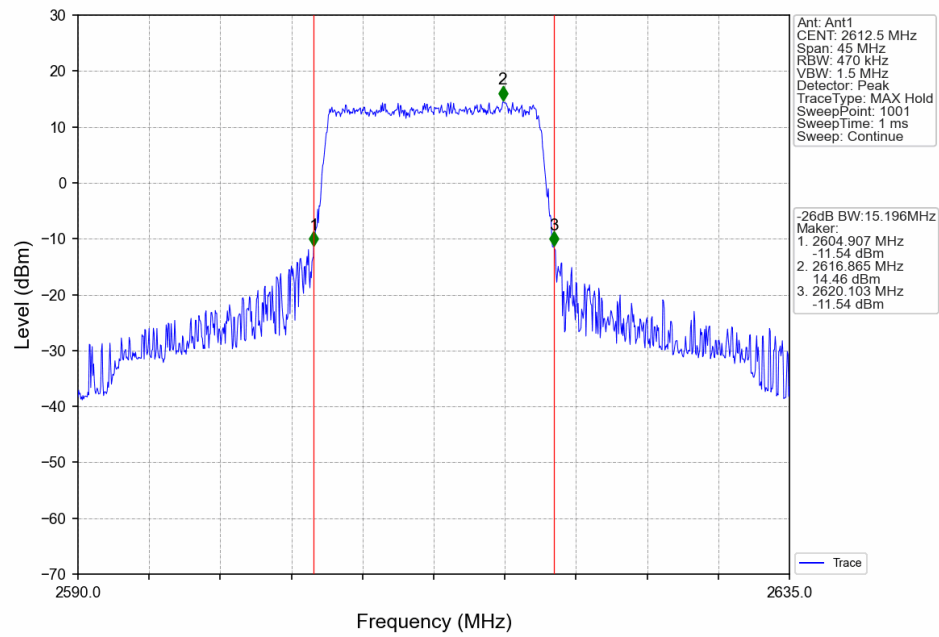
Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTN



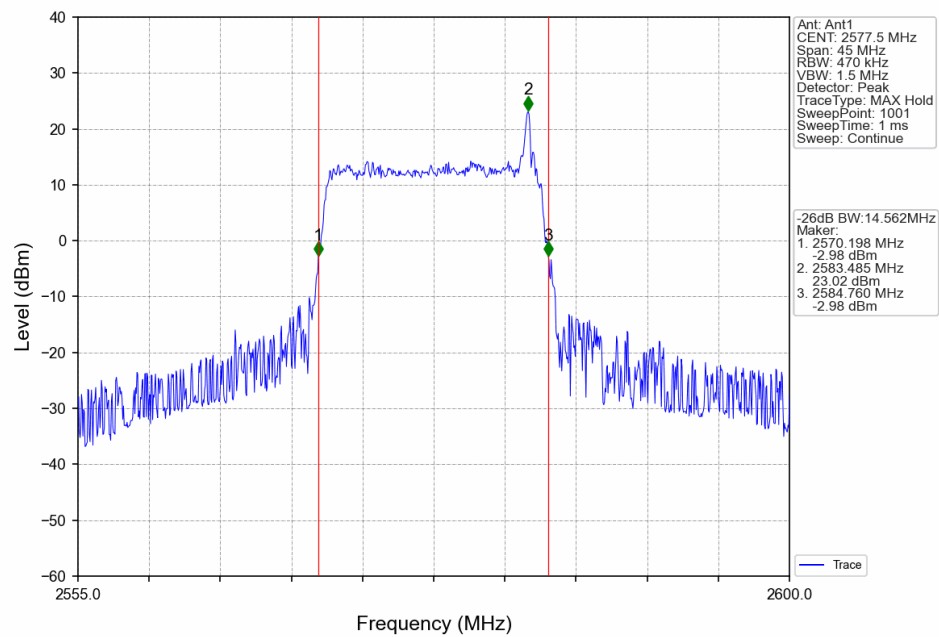
Band38 15MHz QPSK MCH 2595MHz RB 75 0 NTN



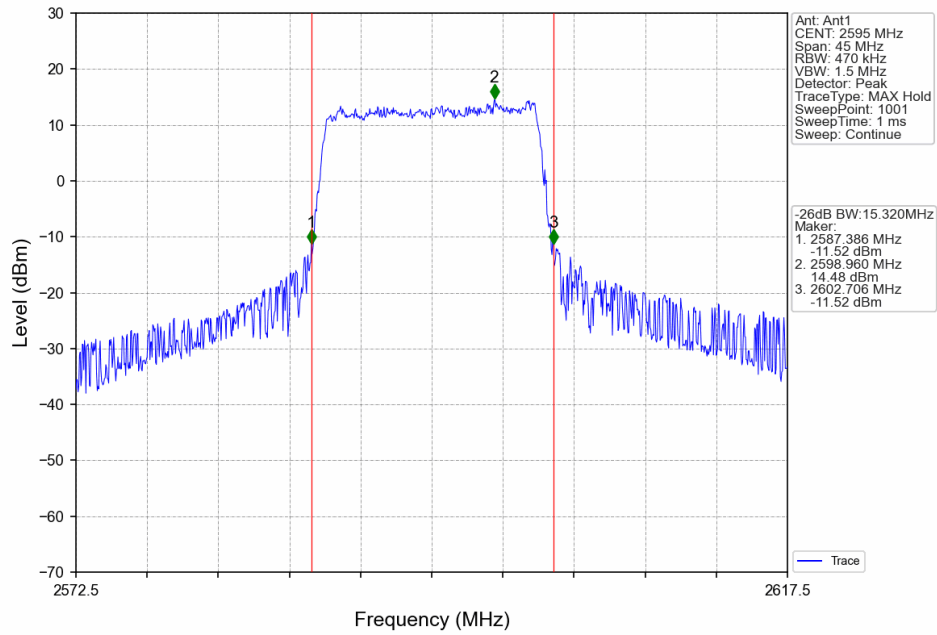
Band38 15MHz QPSK HCH 2612.5MHz RB 75 0 NTN



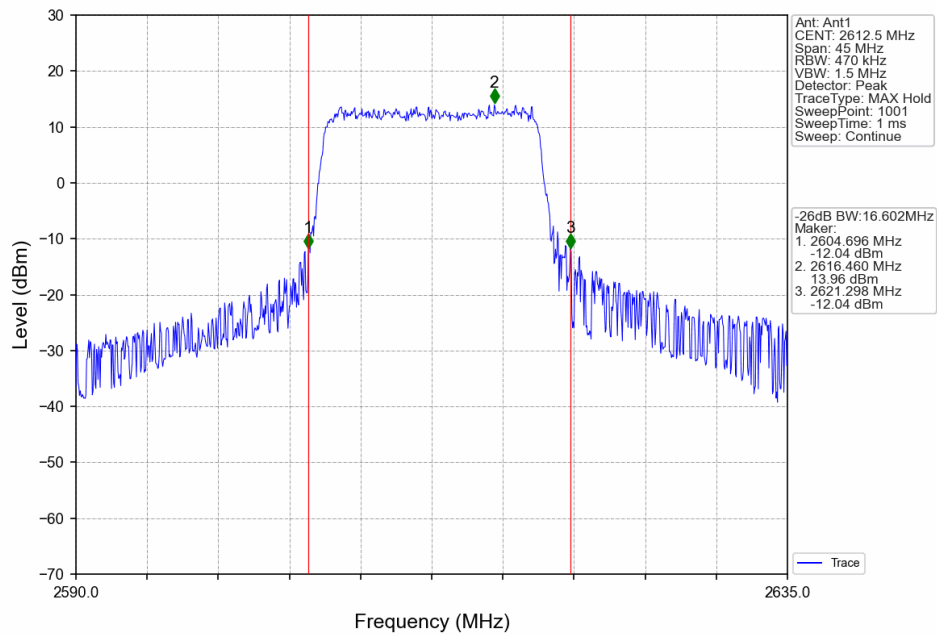
Band38 15MHz 16QAM LCH 2577.5MHz RB 75 0 NTN



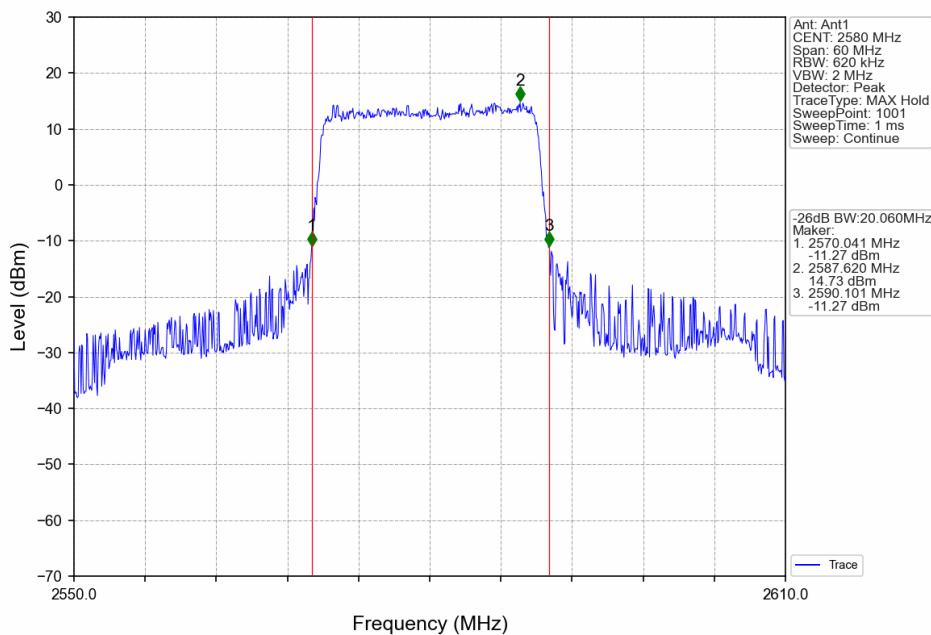
Band38 15MHz 16QAM MCH 2595MHz RB 75 0 NTN



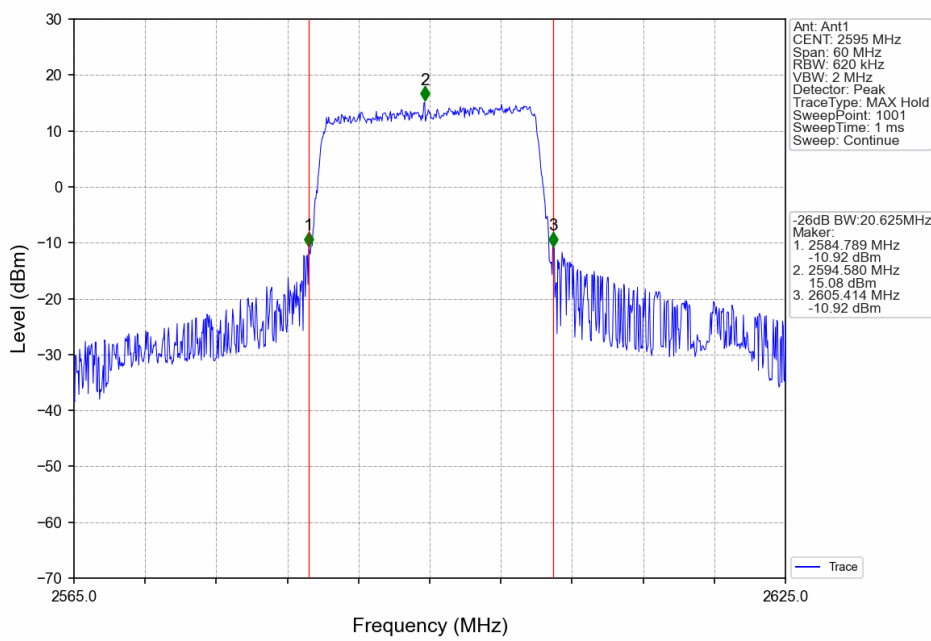
Band38 15MHz 16QAM HCH 2612.5MHz RB 75 0 NTN



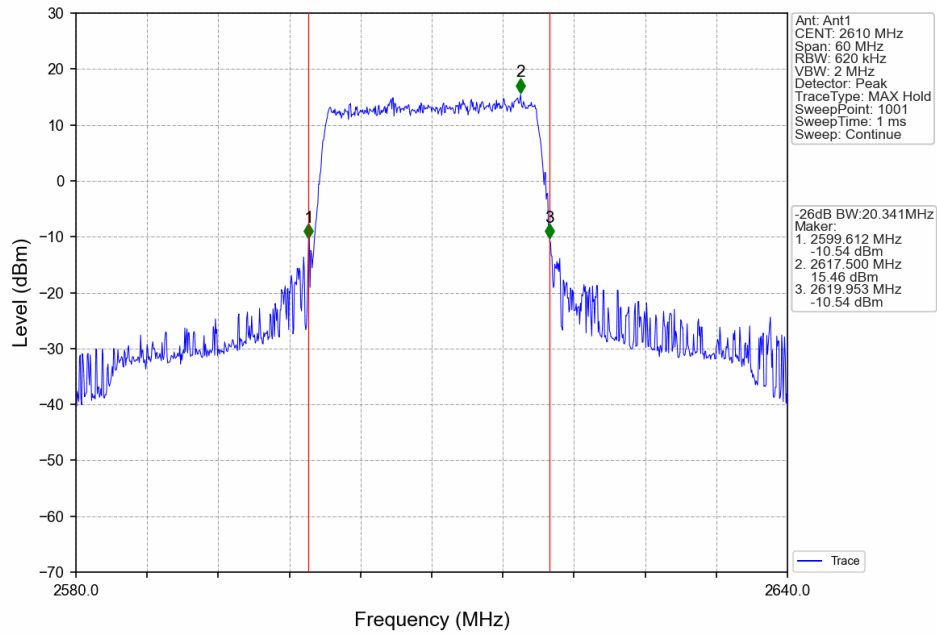
Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTNV



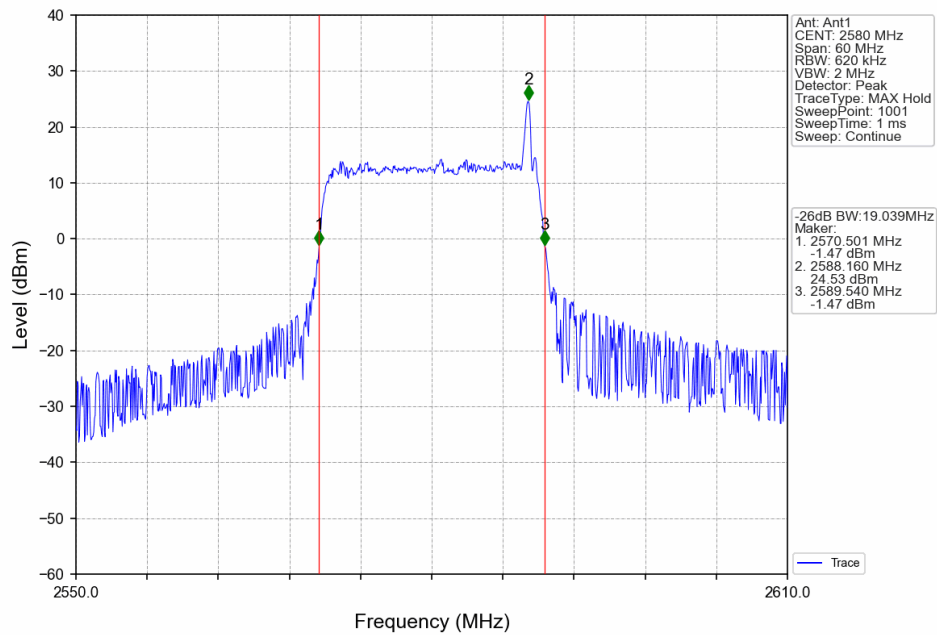
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTNV



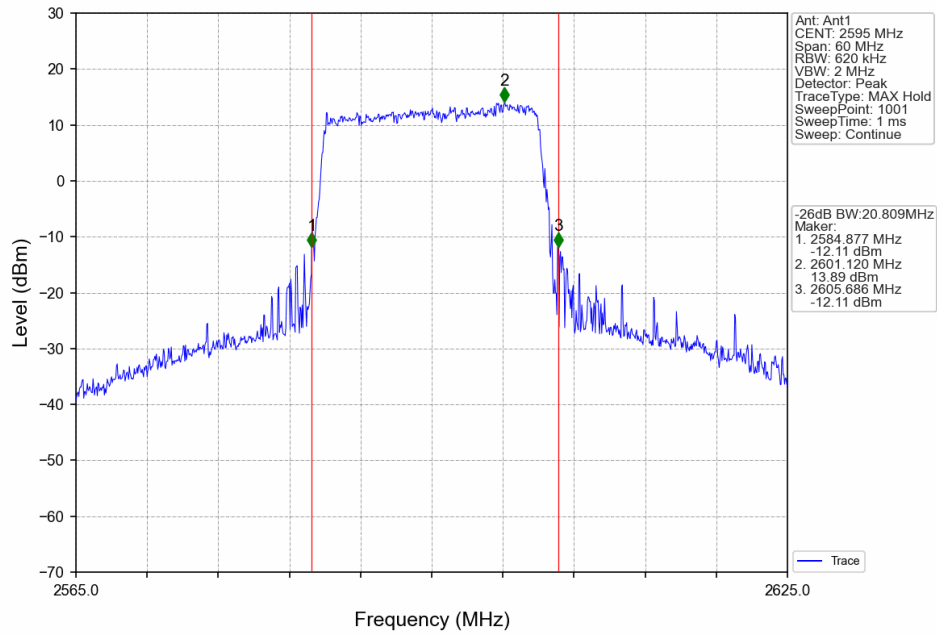
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTN



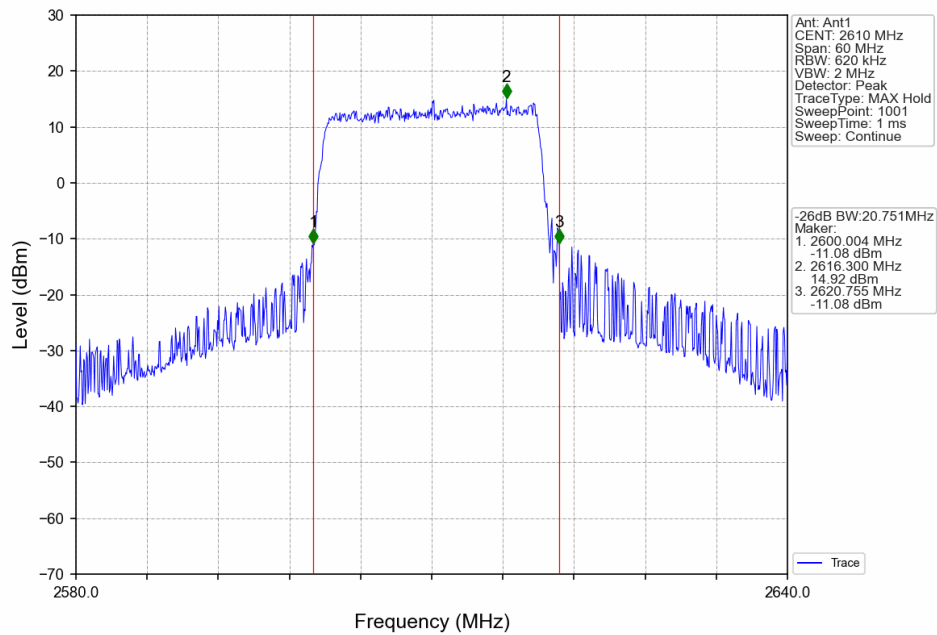
Band38 20MHz 16QAM LCH 2580MHz RB 100 0 NTN



Band38 20MHz 16QAM MCH 2595MHz RB 100 0 NTNV



Band38 20MHz 16QAM HCH 2610MHz RB 100 0 NTNV



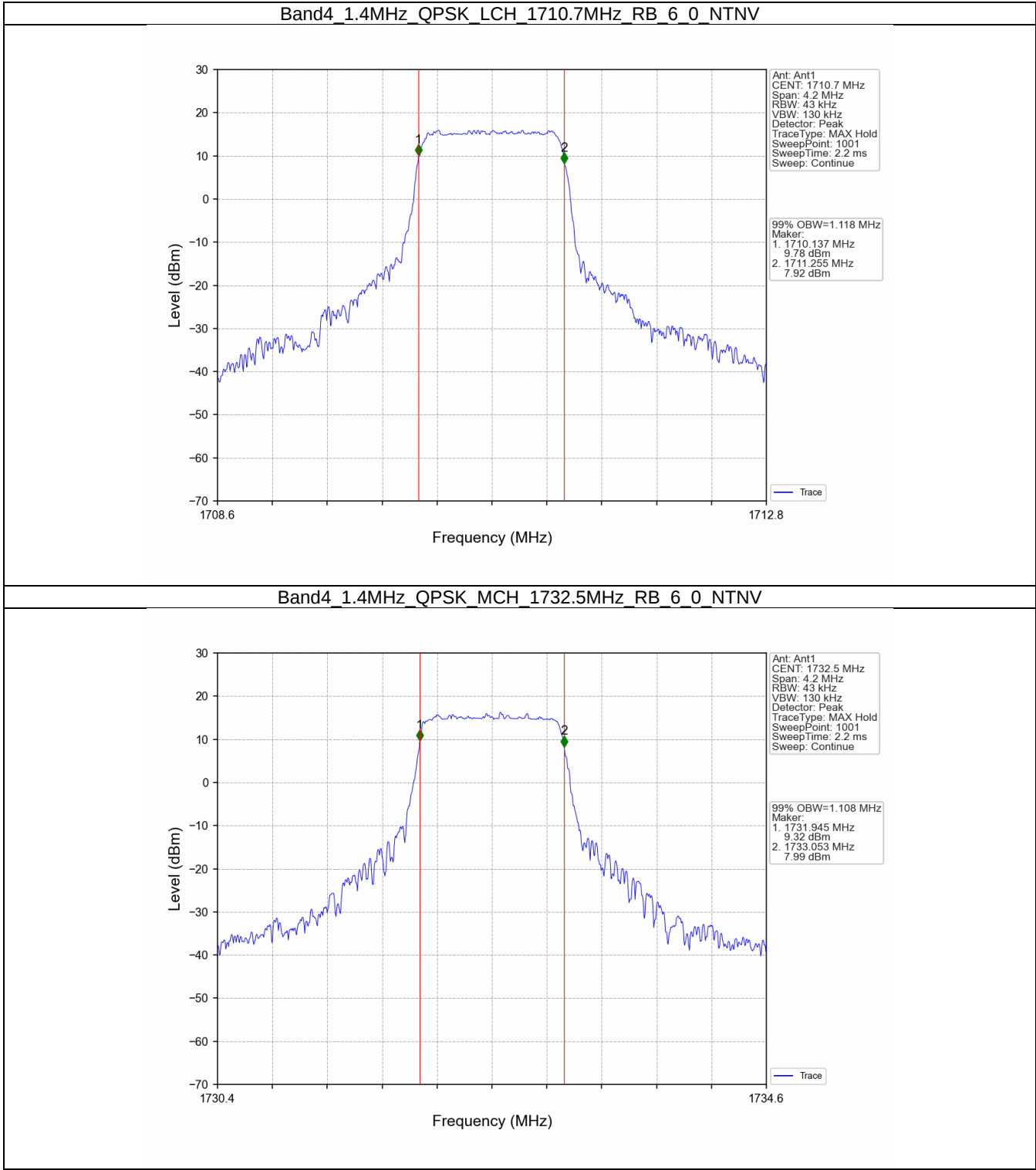
3. 99% & 26dB Bandwidth

3.1 Band4_OBW

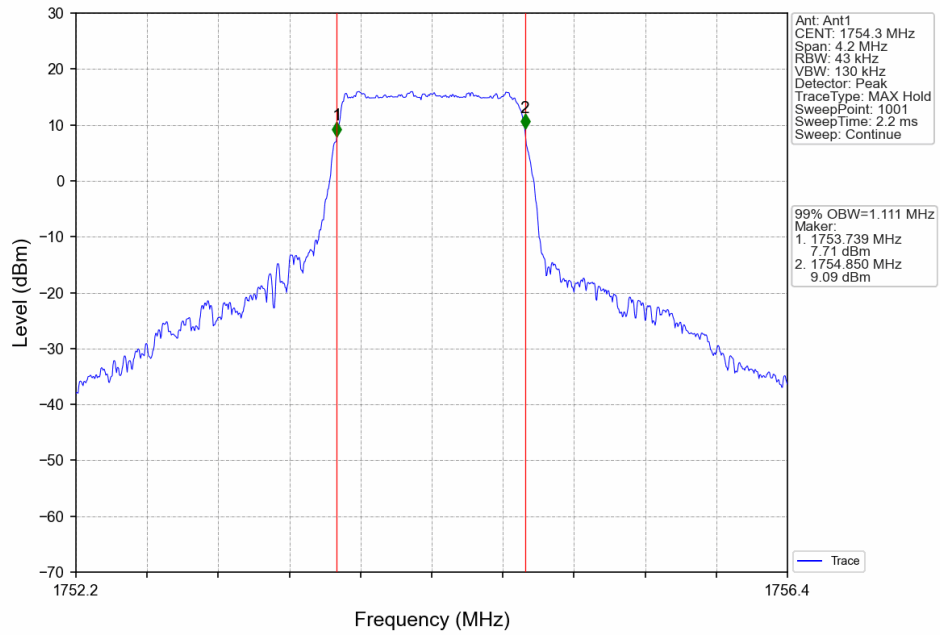
3.1.1 Test Result

Band: 4 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.118	Pass
		1732.5	6	0	1.108	Pass
		1754.3	6	0	1.111	Pass
	16QAM	1710.7	6	0	1.120	Pass
		1732.5	6	0	1.108	Pass
		1754.3	6	0	1.119	Pass
3	QPSK	1711.5	15	0	2.758	Pass
		1732.5	15	0	2.767	Pass
		1753.5	15	0	2.759	Pass
	16QAM	1711.5	15	0	2.769	Pass
		1732.5	15	0	2.750	Pass
		1753.5	15	0	2.769	Pass
5	QPSK	1712.5	25	0	4.597	Pass
		1732.5	25	0	4.583	Pass
		1752.5	25	0	4.567	Pass
	16QAM	1712.5	25	0	4.579	Pass
		1732.5	25	0	4.597	Pass
		1752.5	25	0	4.614	Pass
10	QPSK	1715	50	0	9.069	Pass
		1732.5	50	0	9.107	Pass
		1750	50	0	9.039	Pass
	16QAM	1715	50	0	9.055	Pass
		1732.5	50	0	9.137	Pass
		1750	50	0	9.043	Pass
15	QPSK	1717.5	75	0	13.566	Pass
		1732.5	75	0	13.665	Pass
		1747.5	75	0	13.554	Pass
	16QAM	1717.5	75	0	13.568	Pass
		1732.5	75	0	13.652	Pass
		1747.5	75	0	13.618	Pass
20	QPSK	1720	100	0	18.087	Pass
		1732.5	100	0	18.244	Pass
		1745	100	0	18.146	Pass
	16QAM	1720	100	0	18.145	Pass
		1732.5	100	0	18.221	Pass
		1745	100	0	18.143	Pass

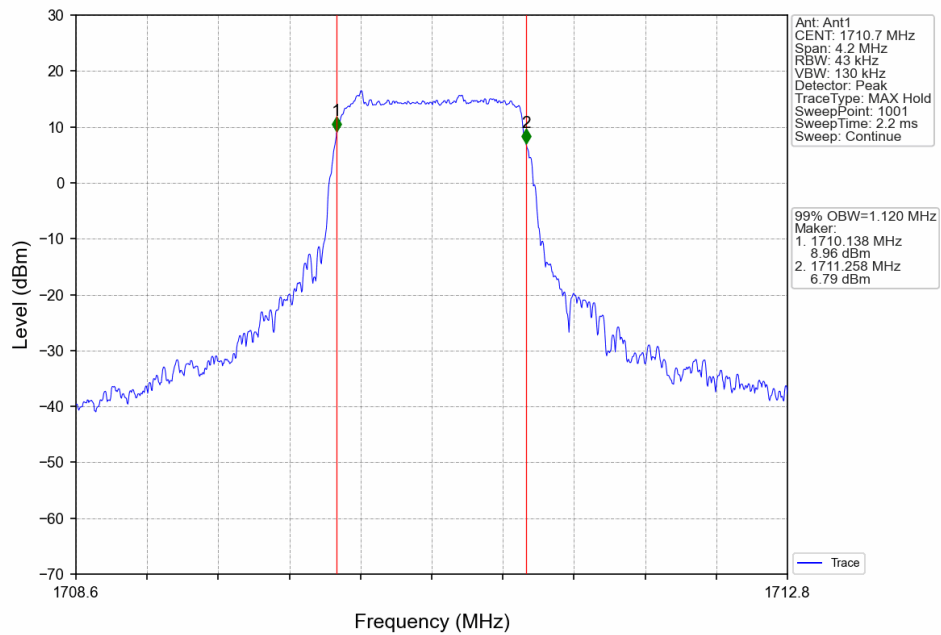
3.1.2 Test Graph



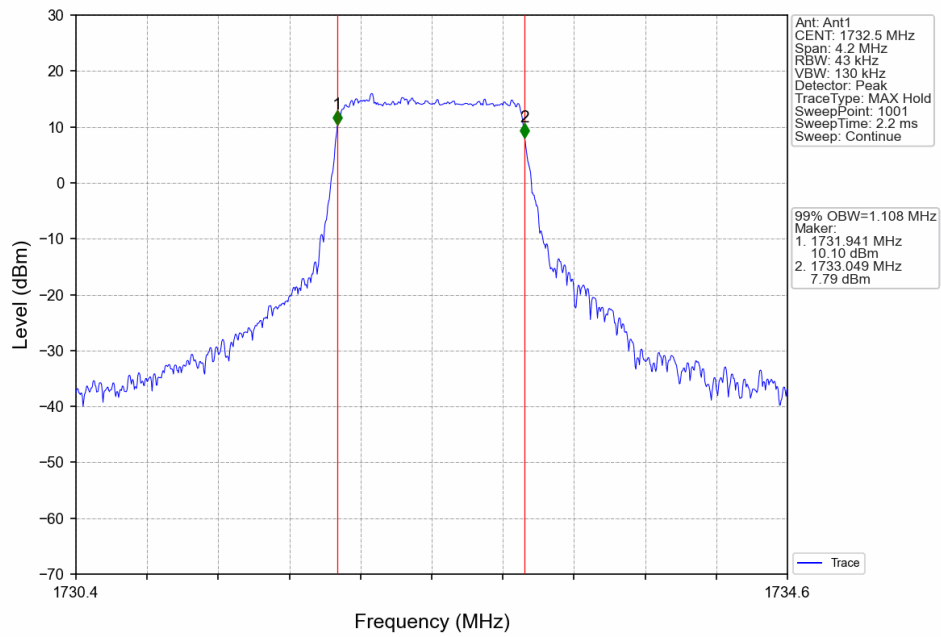
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



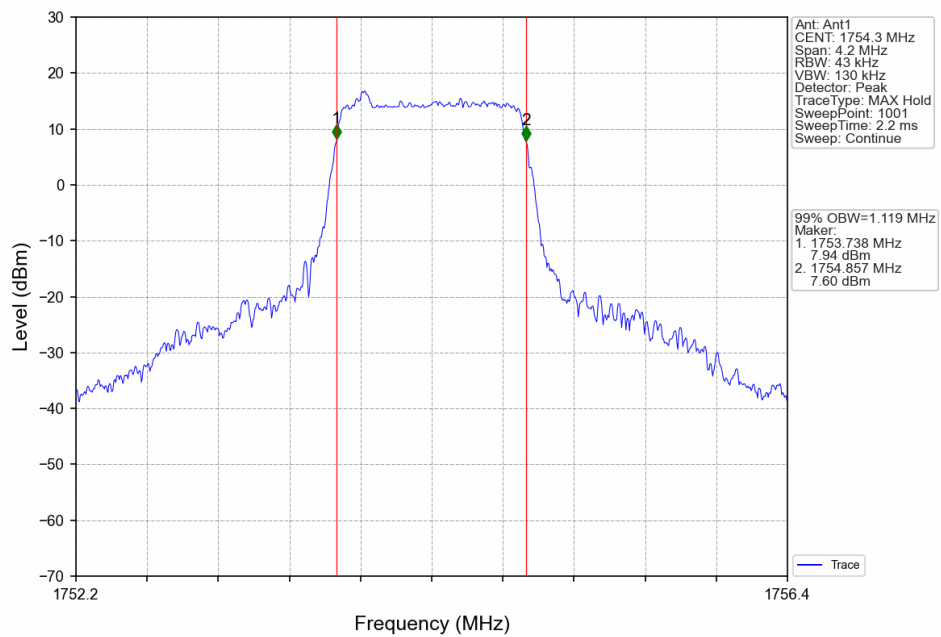
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



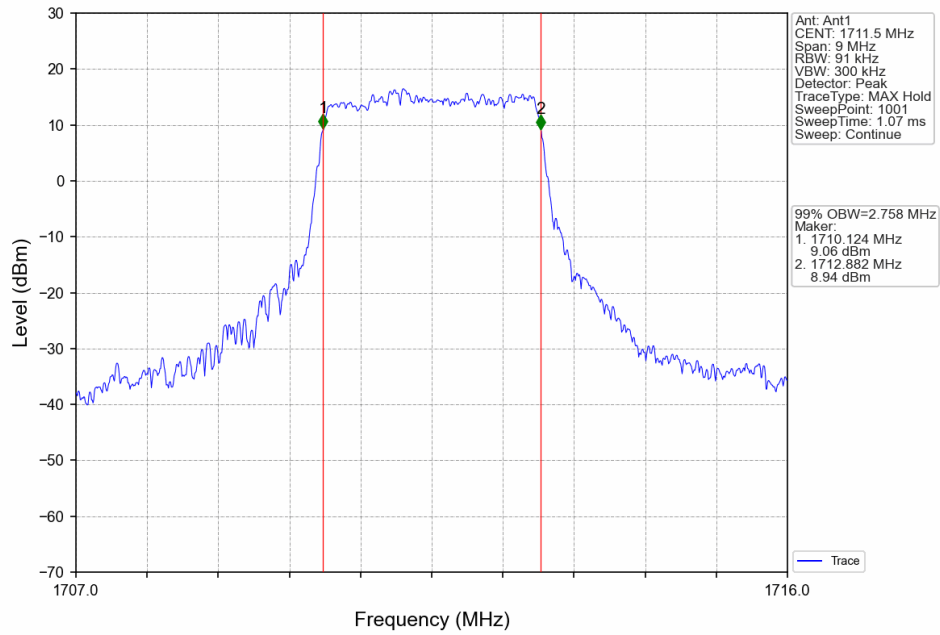
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



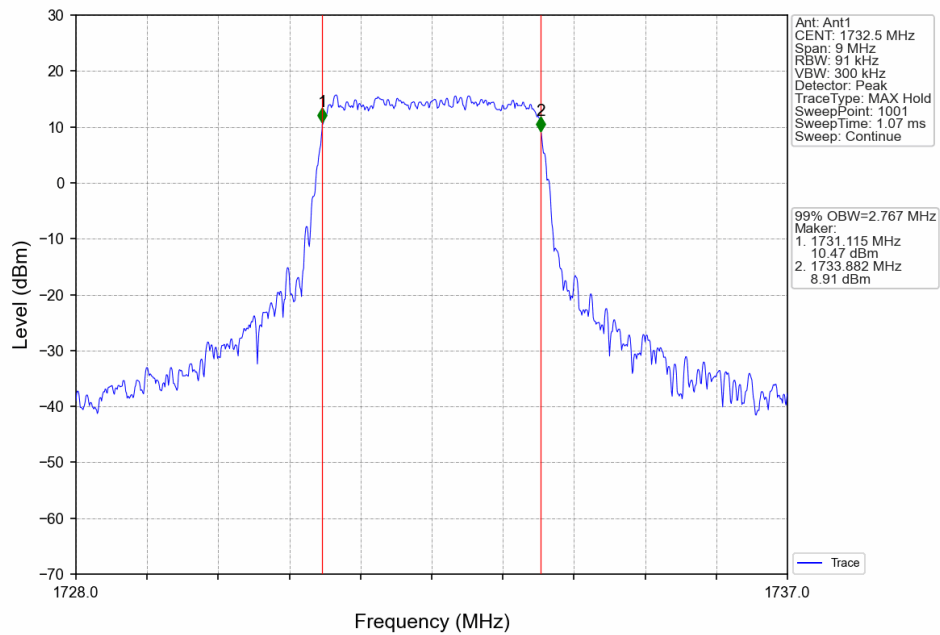
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



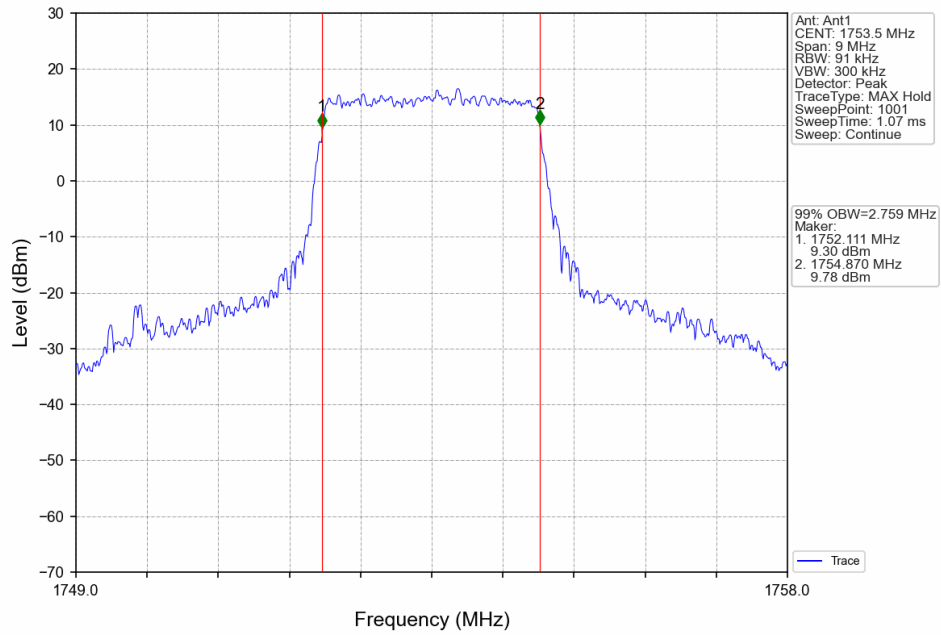
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



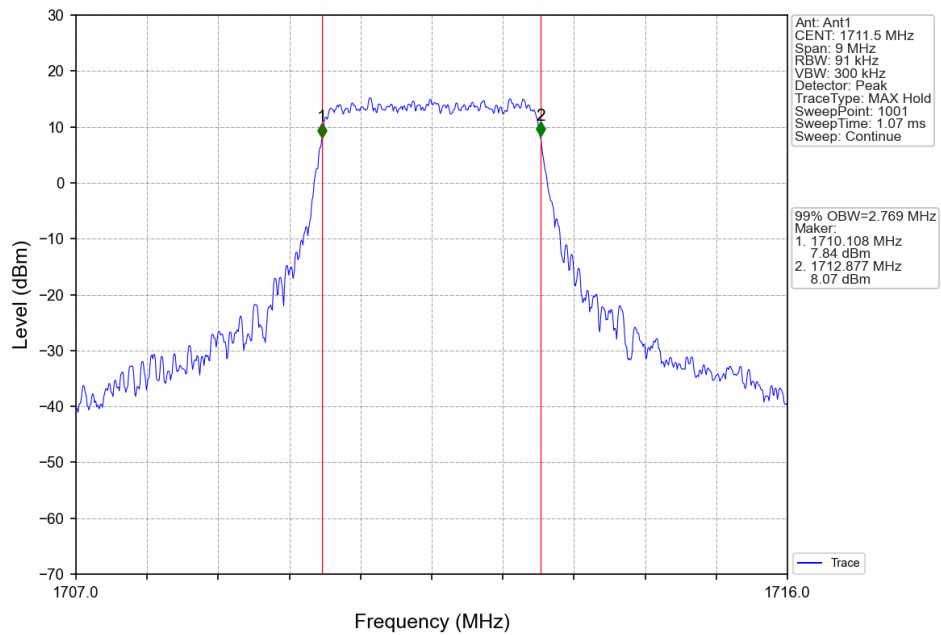
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



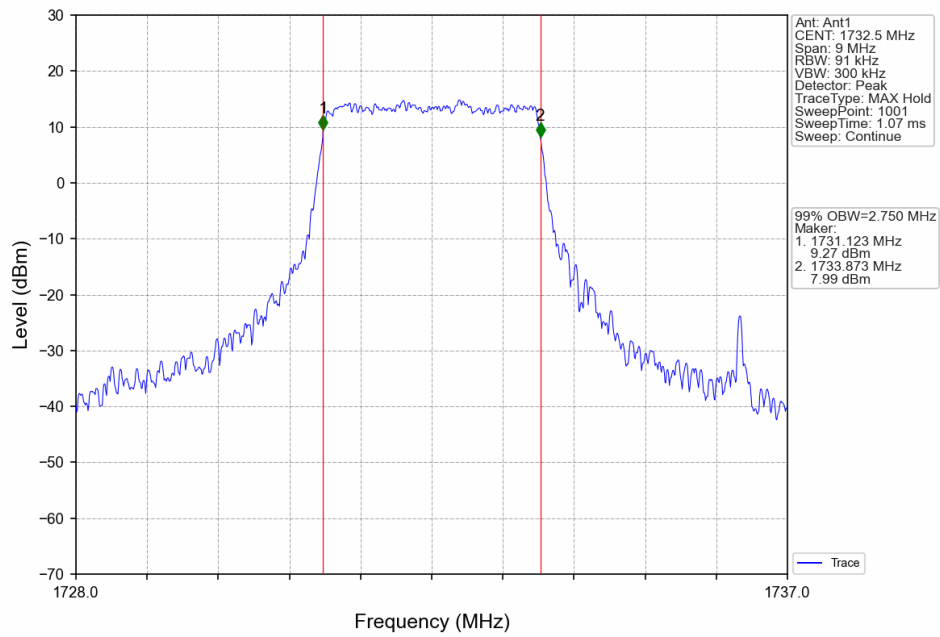
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTN



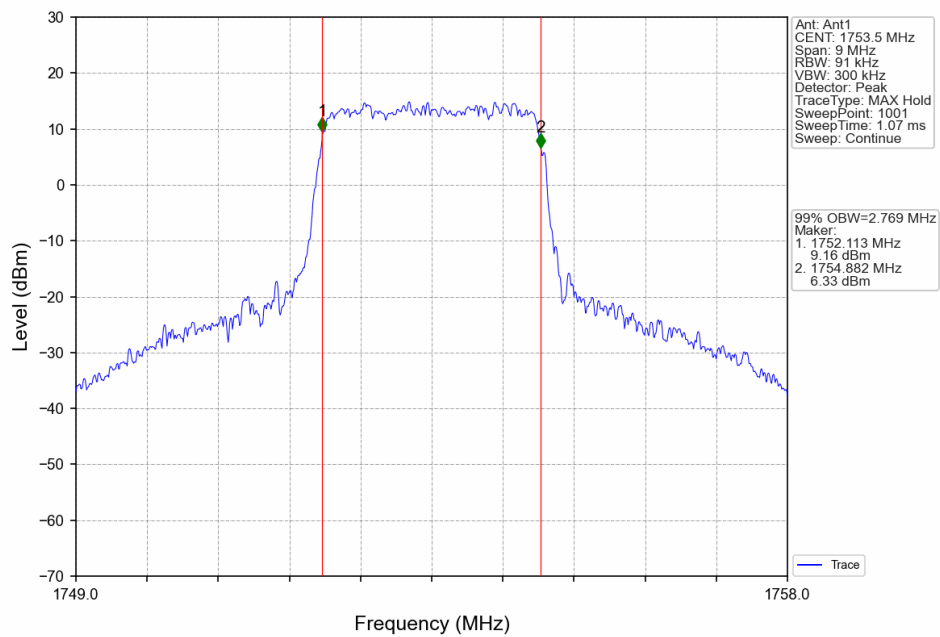
Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTN



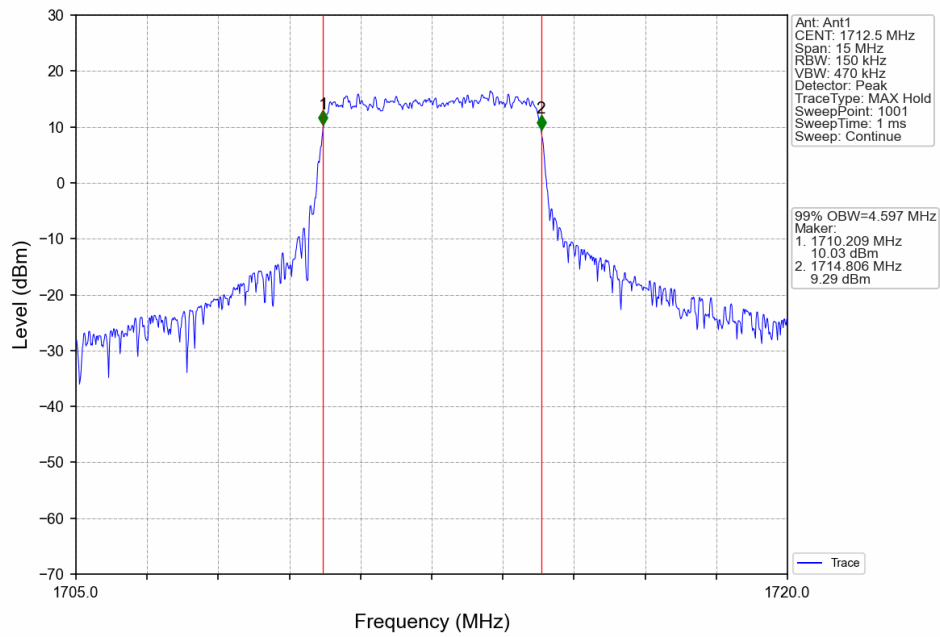
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



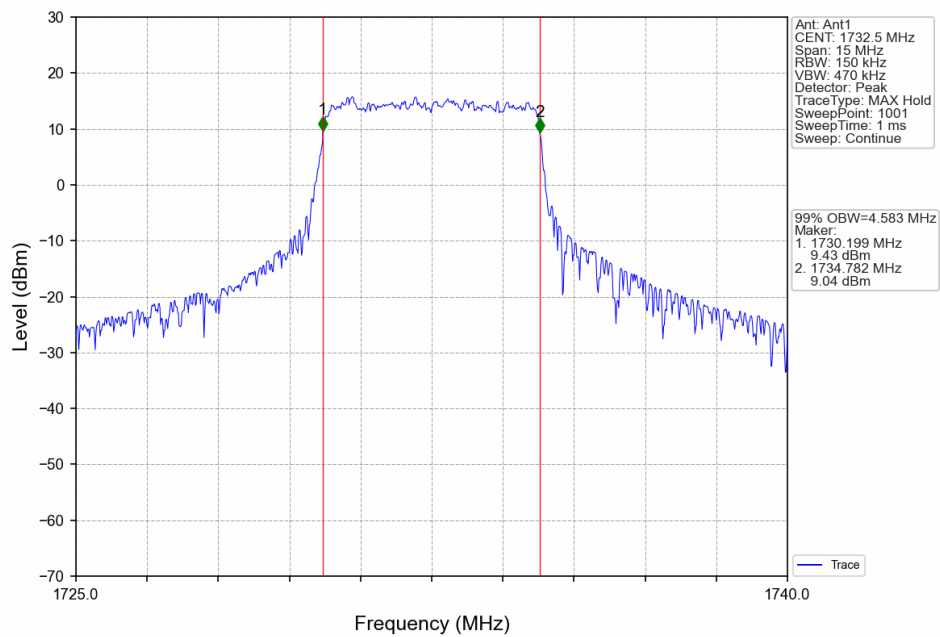
Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV



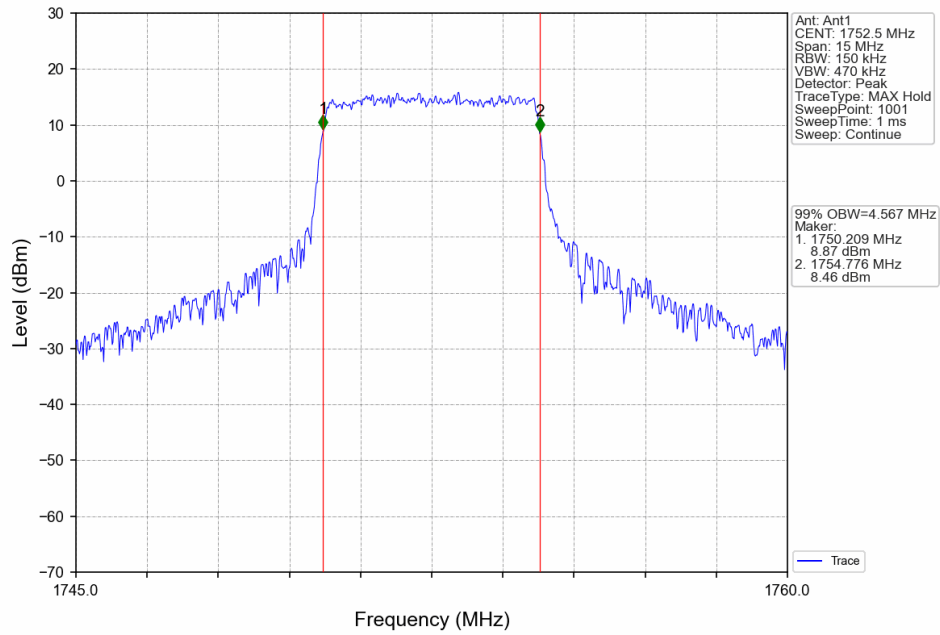
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTN



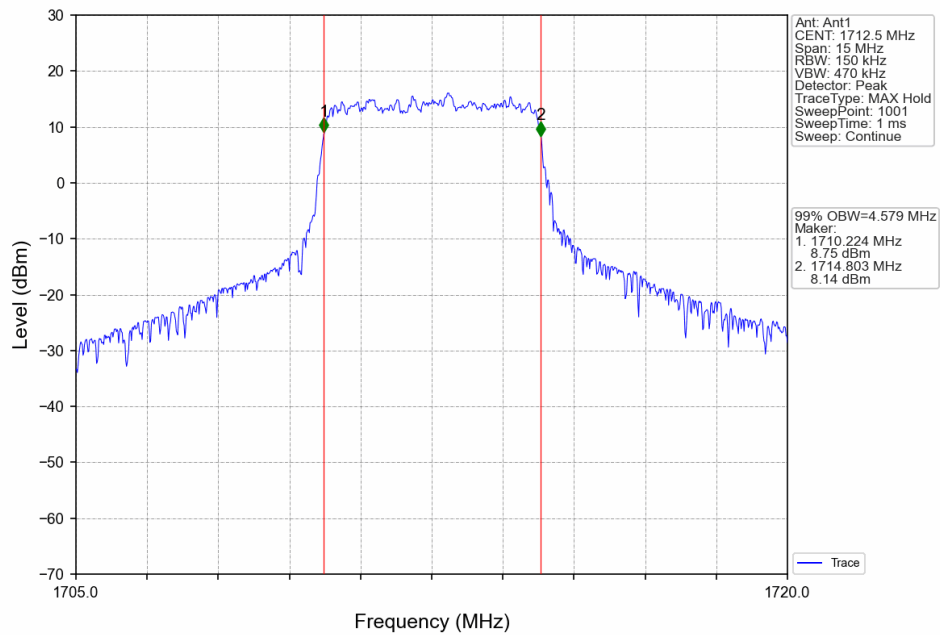
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTN



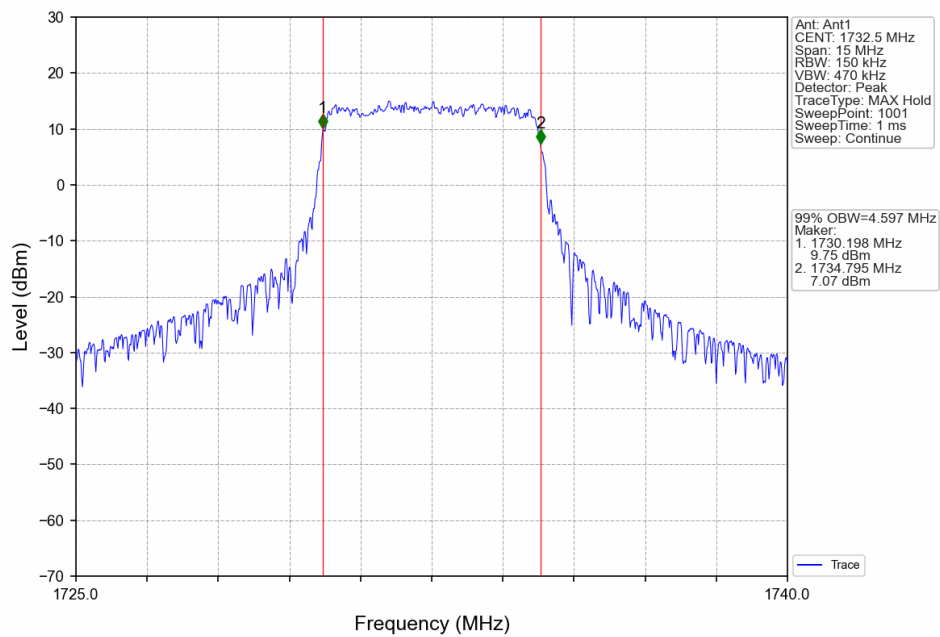
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV



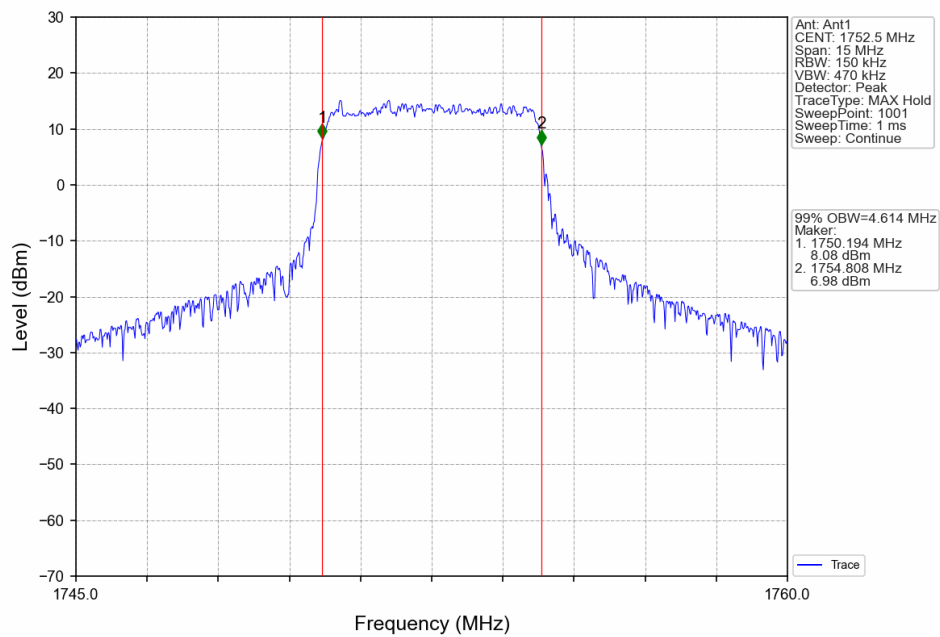
Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTV



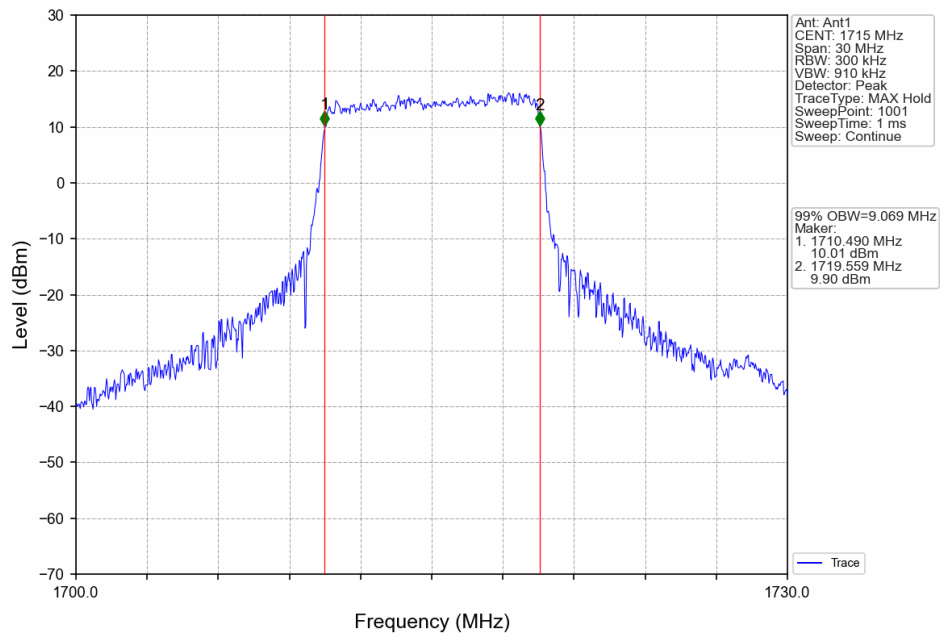
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTV



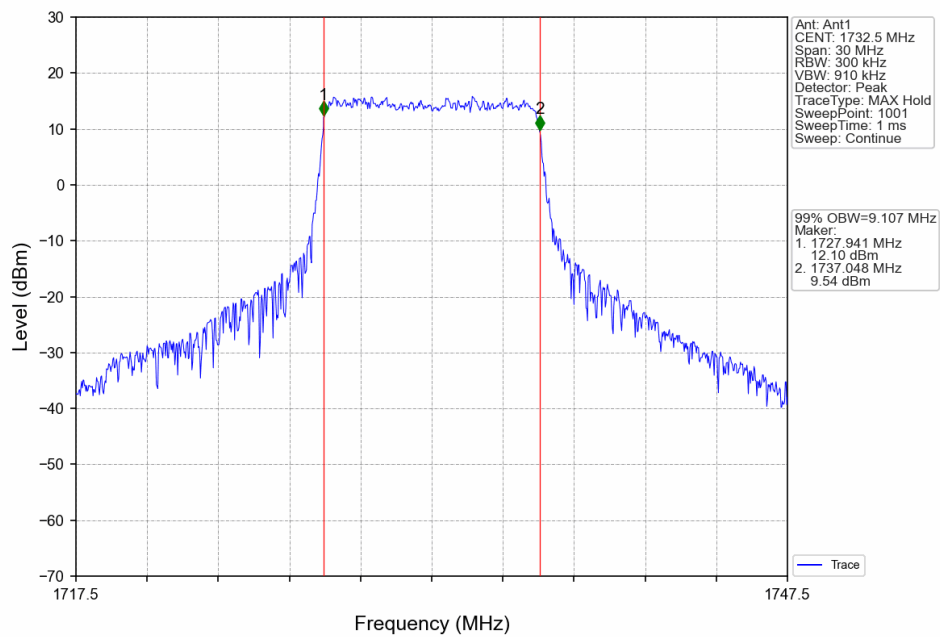
Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTV



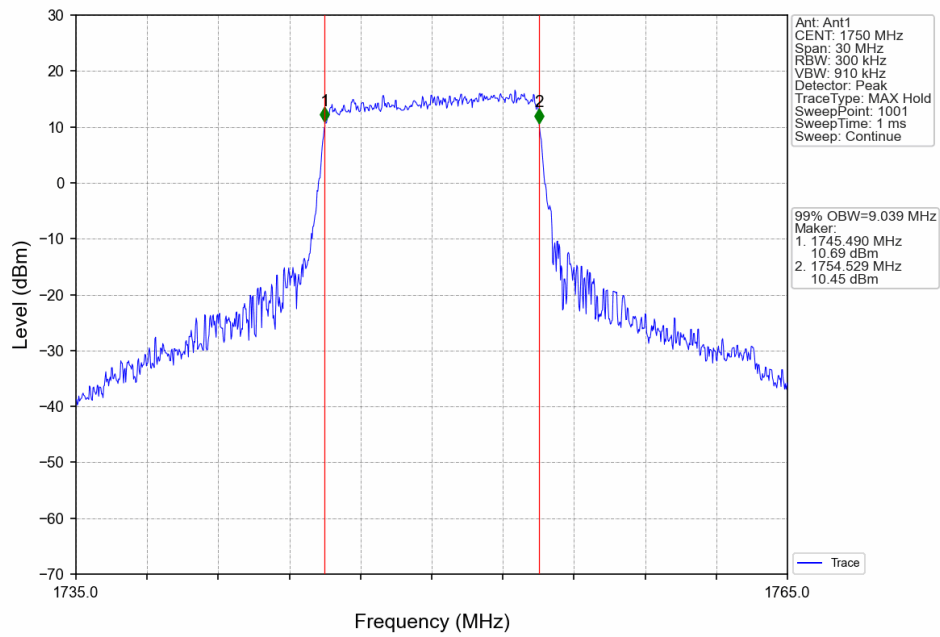
Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTN



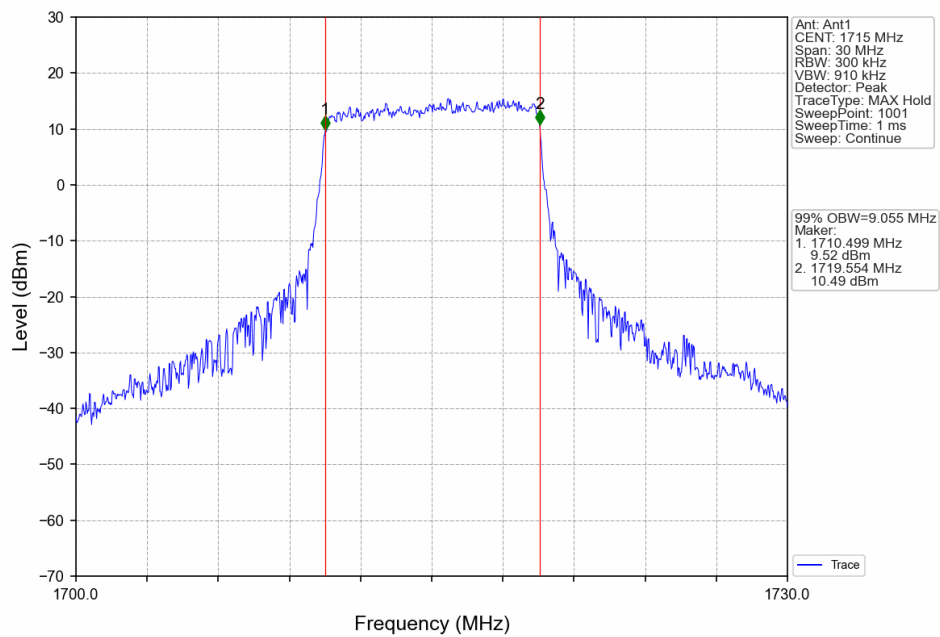
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTN



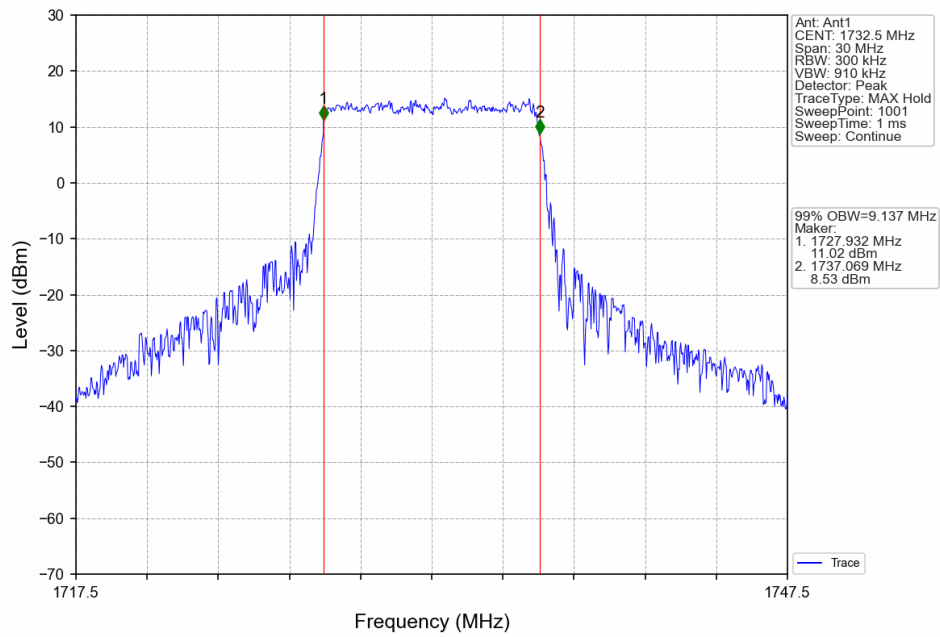
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV



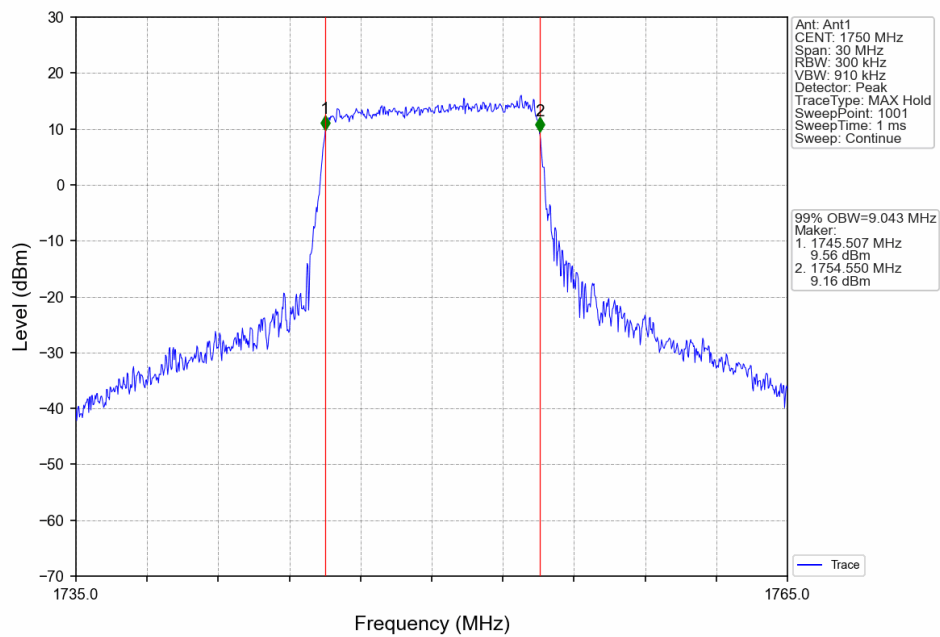
Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



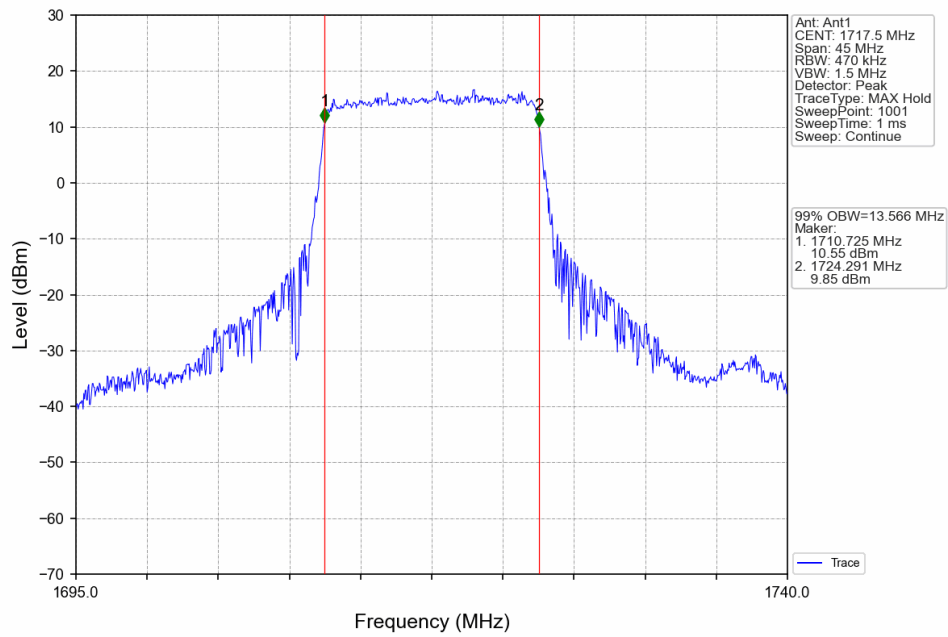
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTN



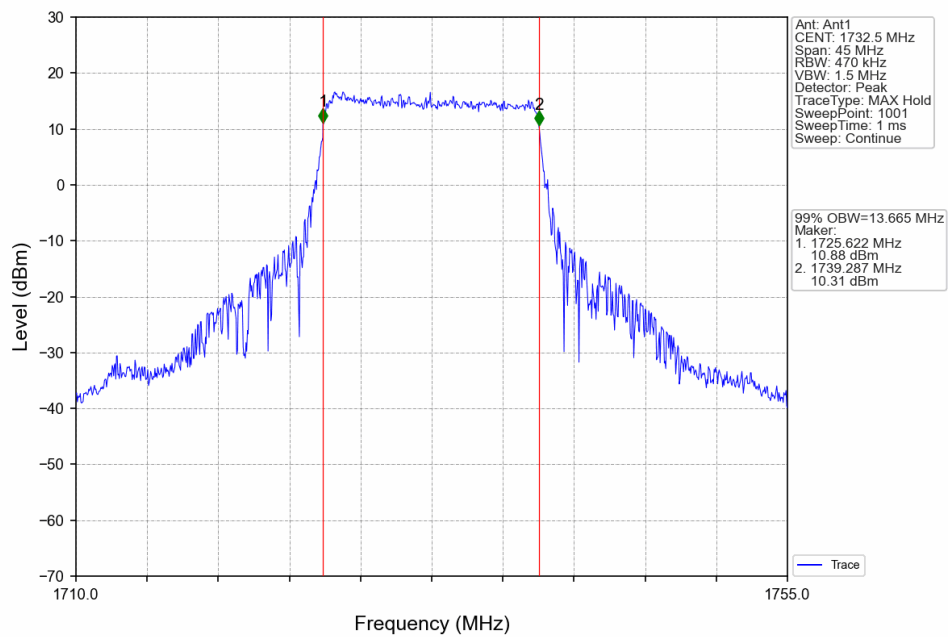
Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTN



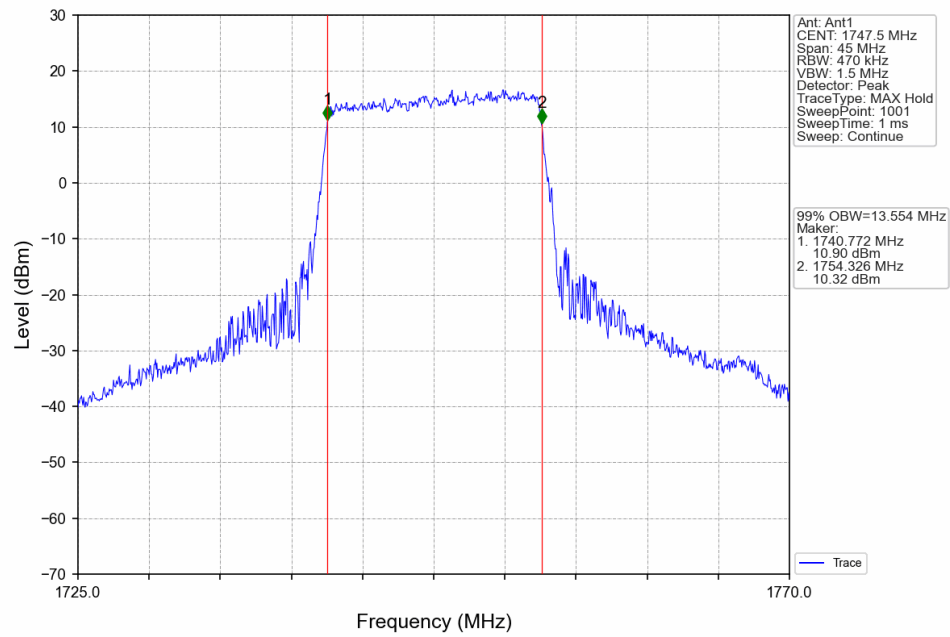
Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



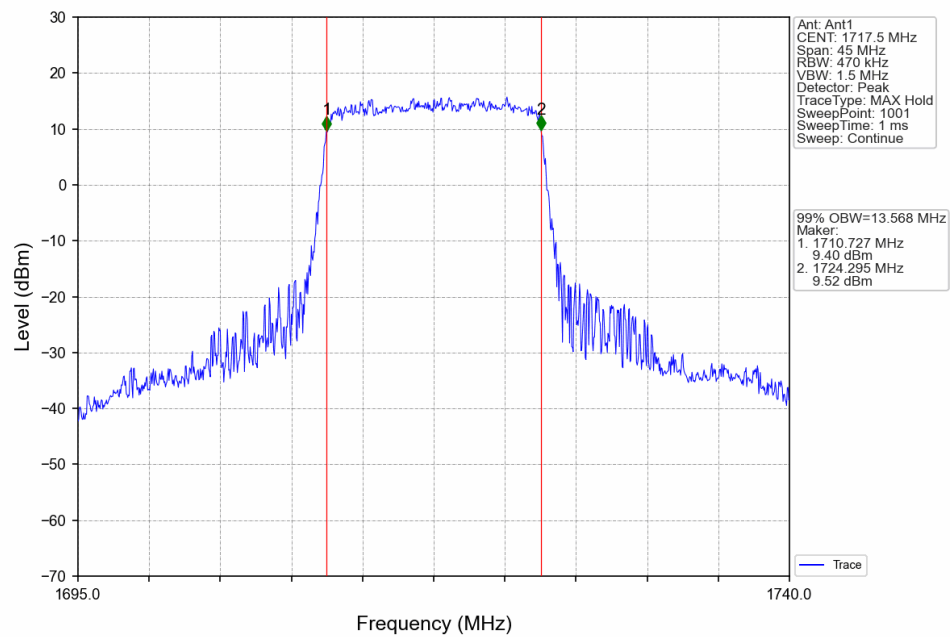
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTNV



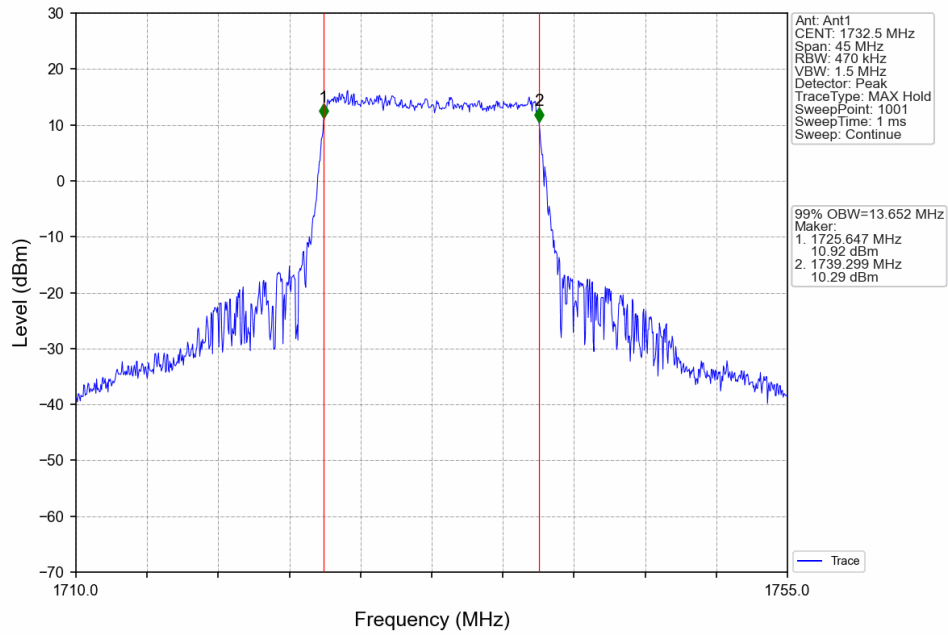
Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTNV



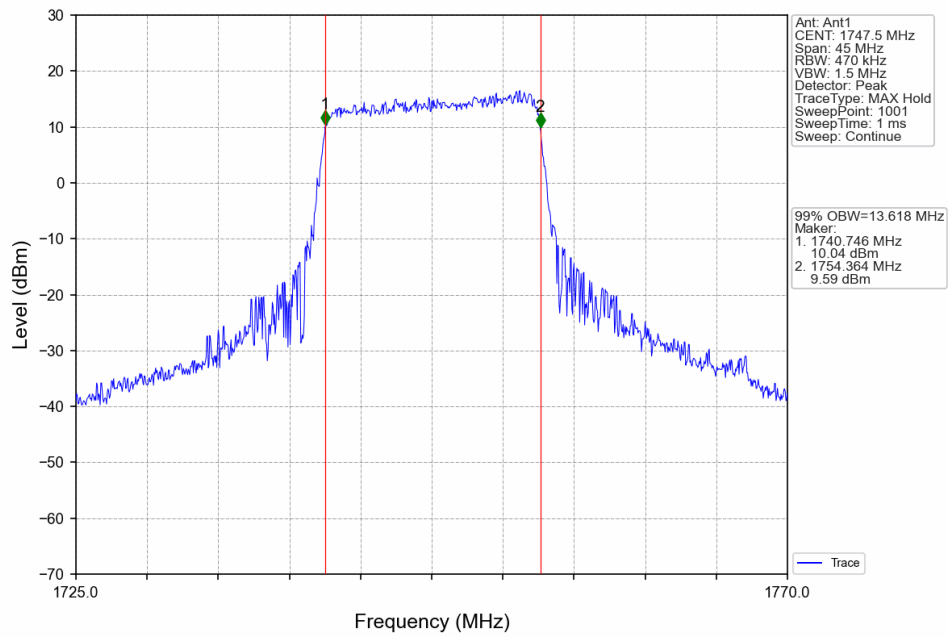
Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV



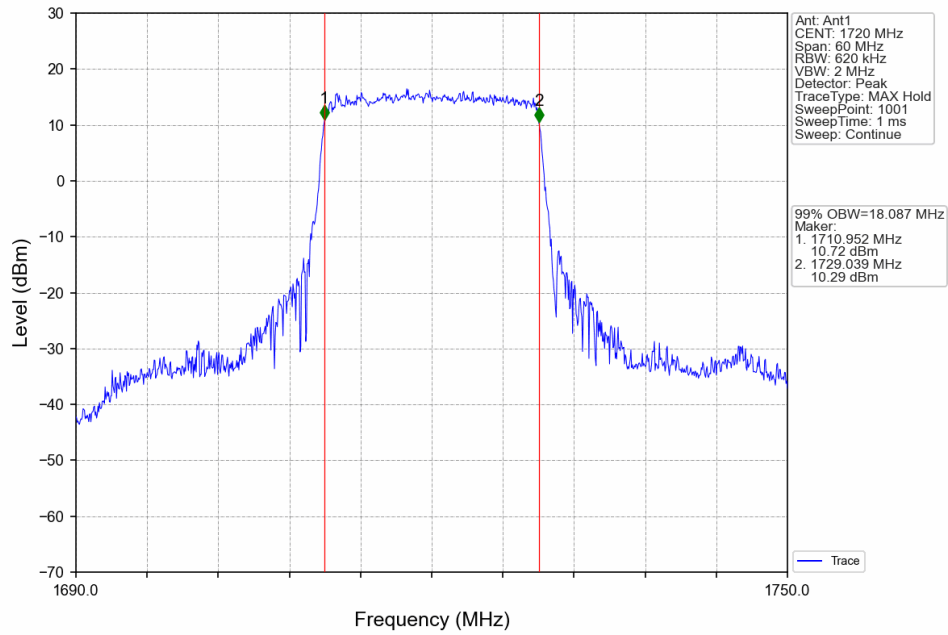
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV



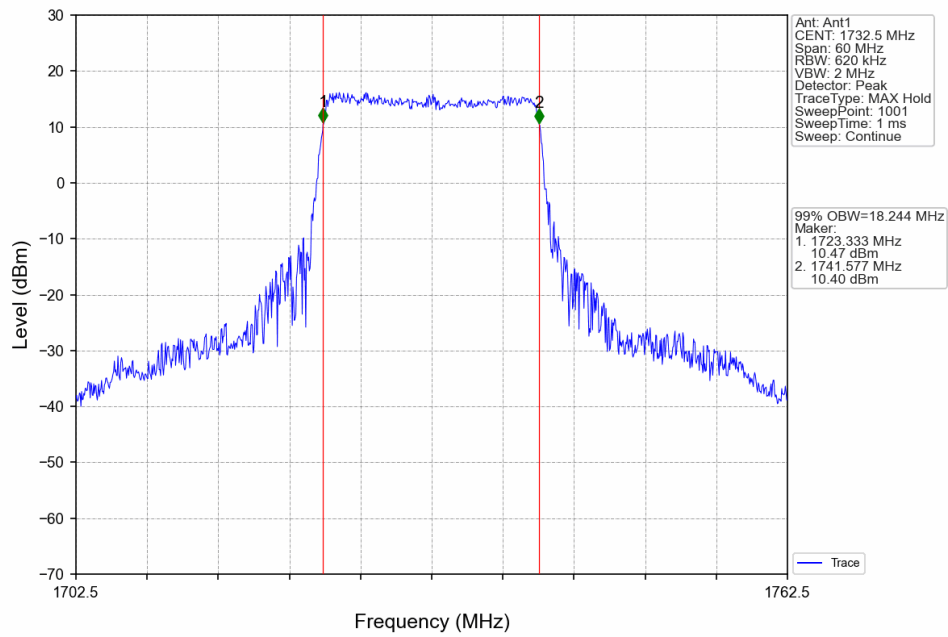
Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTNV



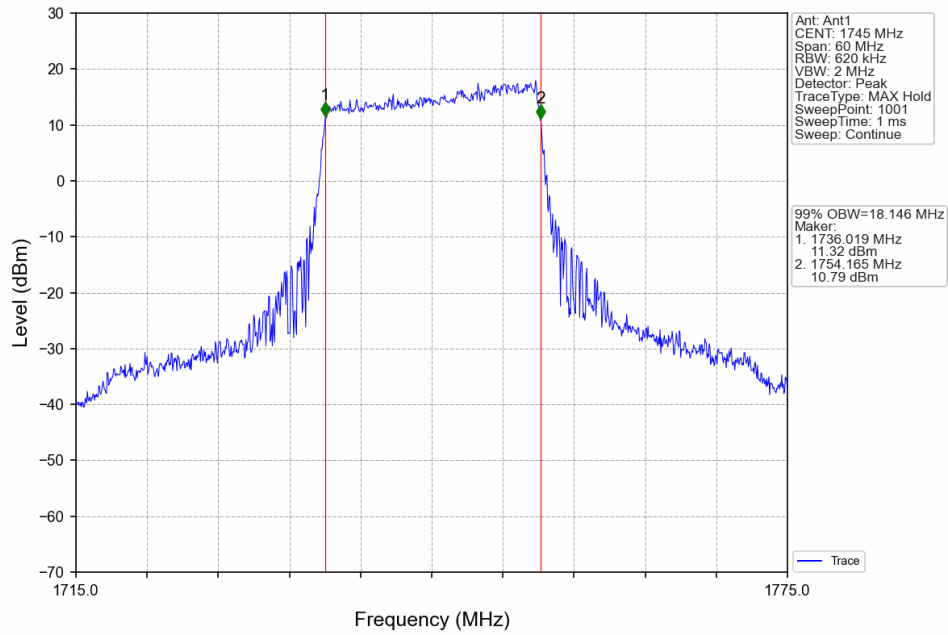
Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



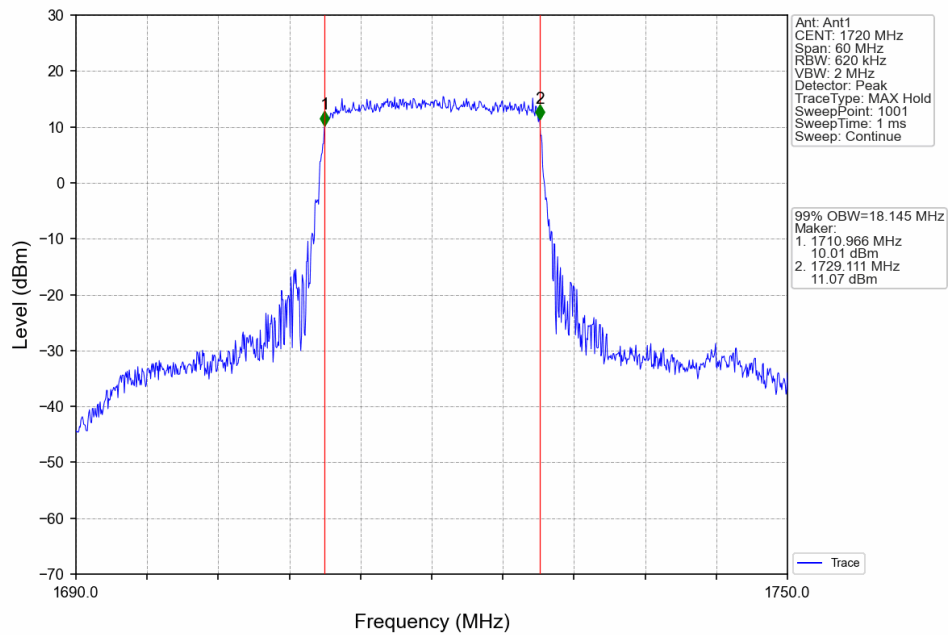
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



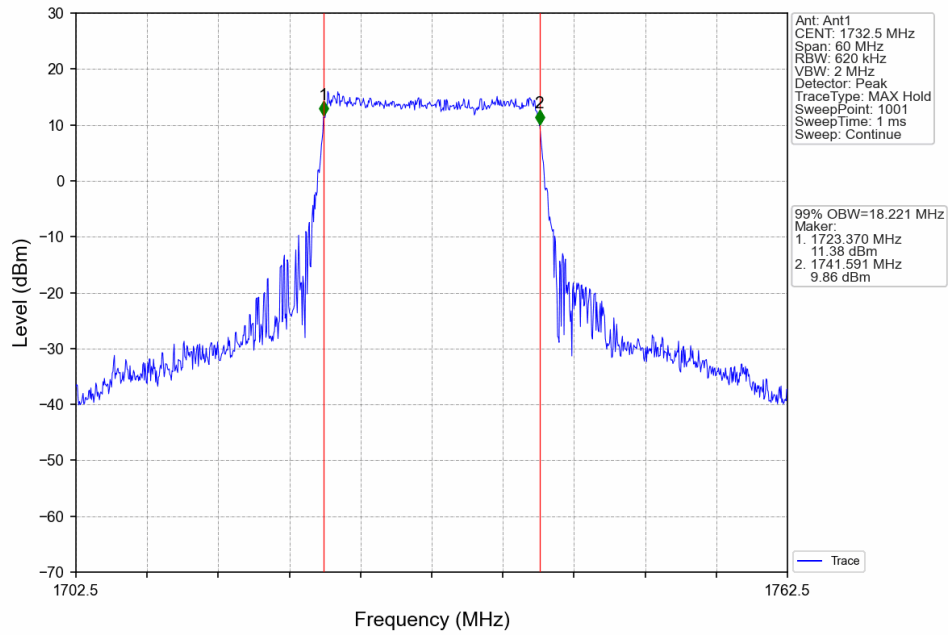
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



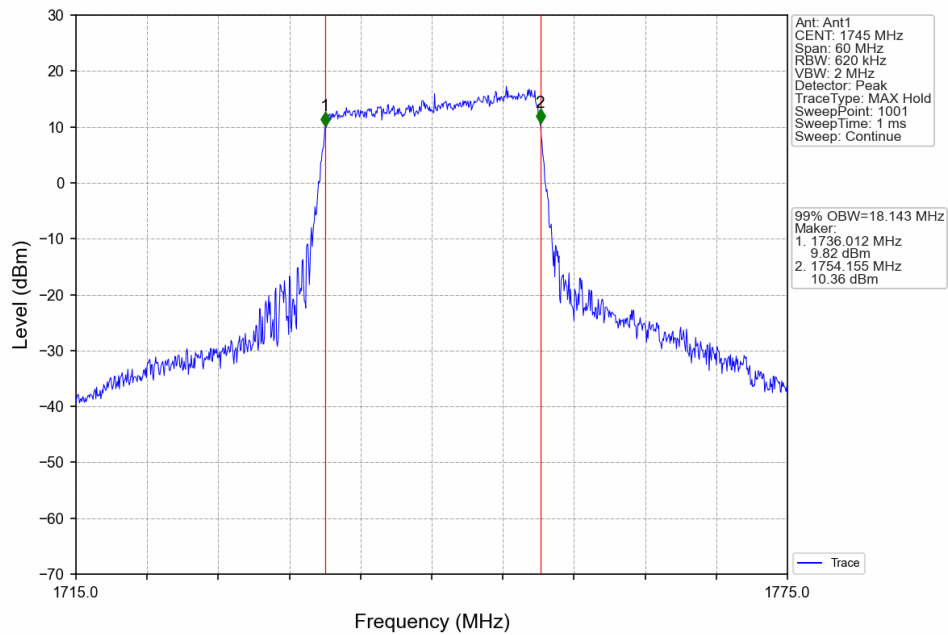
Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



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



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

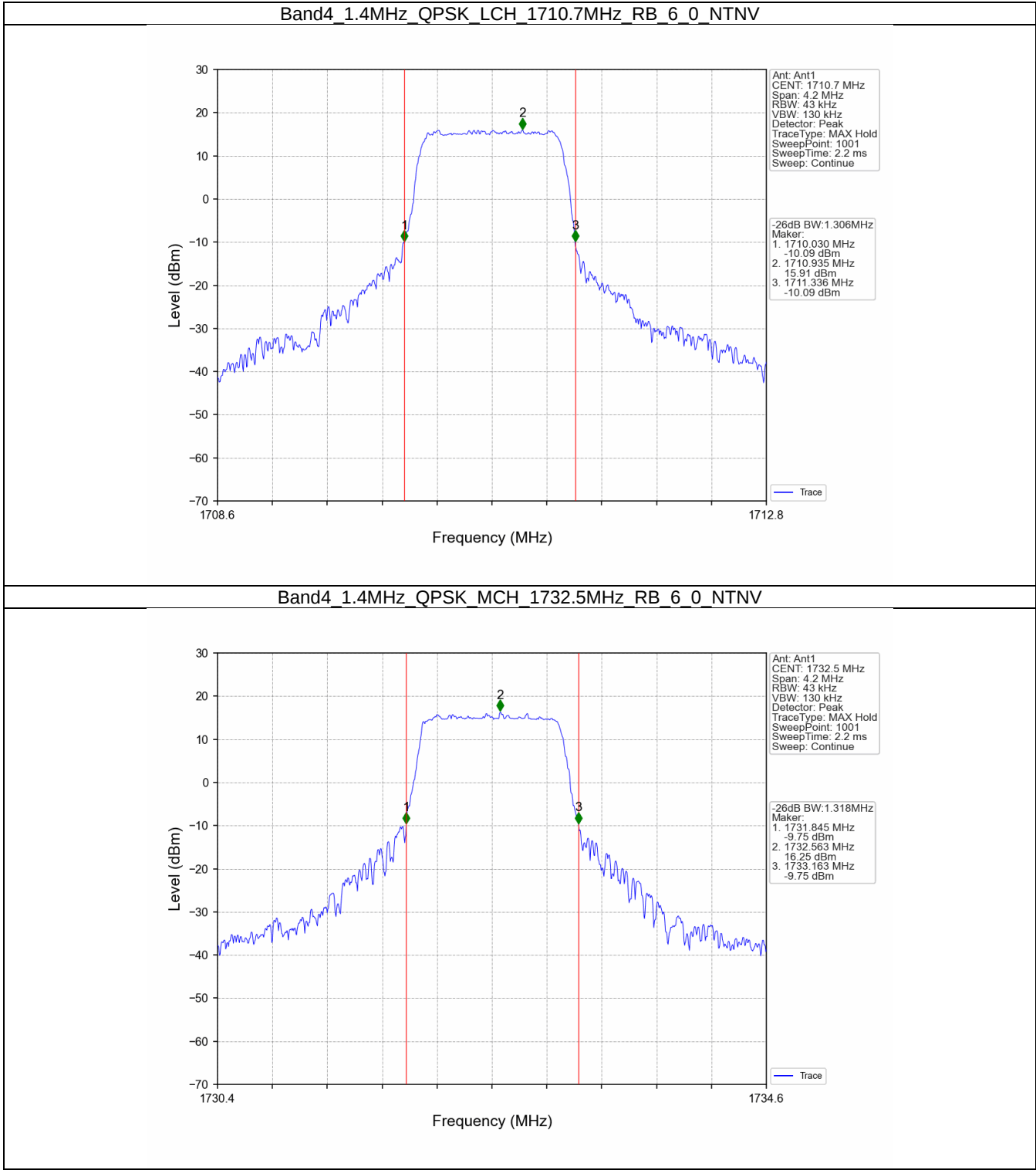


3.2 Band4_XDB

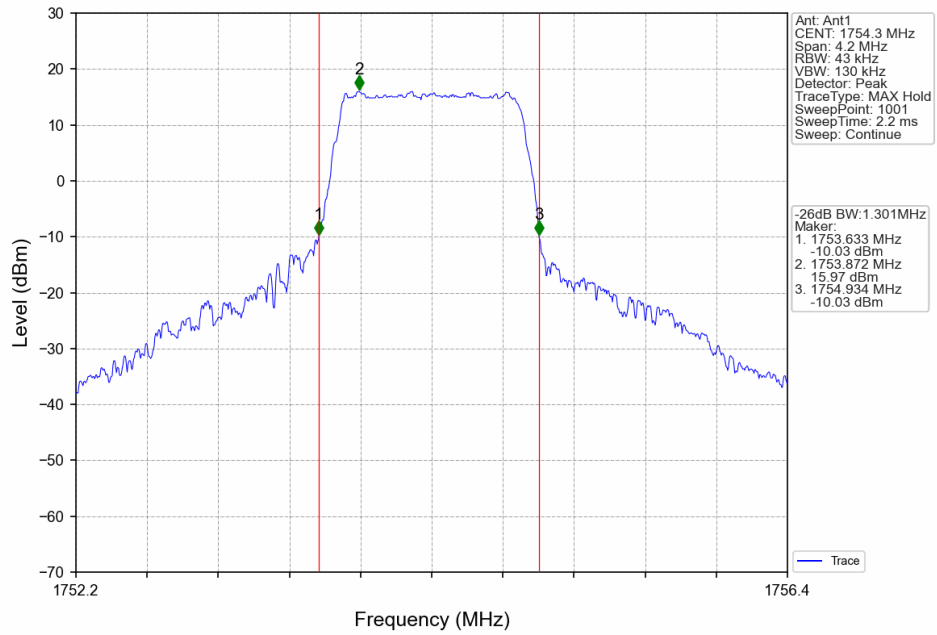
3.2.1 Test Result

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.306	Pass
		1732.5	6	0	1.318	Pass
		1754.3	6	0	1.301	Pass
	16QAM	1710.7	6	0	1.267	Pass
		1732.5	6	0	1.313	Pass
		1754.3	6	0	1.292	Pass
3	QPSK	1711.5	15	0	3.187	Pass
		1732.5	15	0	3.146	Pass
		1753.5	15	0	3.183	Pass
	16QAM	1711.5	15	0	3.288	Pass
		1732.5	15	0	3.269	Pass
		1753.5	15	0	3.142	Pass
5	QPSK	1712.5	25	0	5.459	Pass
		1732.5	25	0	5.938	Pass
		1752.5	25	0	5.384	Pass
	16QAM	1712.5	25	0	5.573	Pass
		1732.5	25	0	5.691	Pass
		1752.5	25	0	5.840	Pass
10	QPSK	1715	50	0	10.278	Pass
		1732.5	50	0	10.617	Pass
		1750	50	0	10.158	Pass
	16QAM	1715	50	0	10.317	Pass
		1732.5	50	0	10.972	Pass
		1750	50	0	10.279	Pass
15	QPSK	1717.5	75	0	15.558	Pass
		1732.5	75	0	16.715	Pass
		1747.5	75	0	15.155	Pass
	16QAM	1717.5	75	0	15.128	Pass
		1732.5	75	0	15.263	Pass
		1747.5	75	0	15.493	Pass
20	QPSK	1720	100	0	20.190	Pass
		1732.5	100	0	21.490	Pass
		1745	100	0	20.436	Pass
	16QAM	1720	100	0	20.606	Pass
		1732.5	100	0	21.610	Pass
		1745	100	0	20.278	Pass

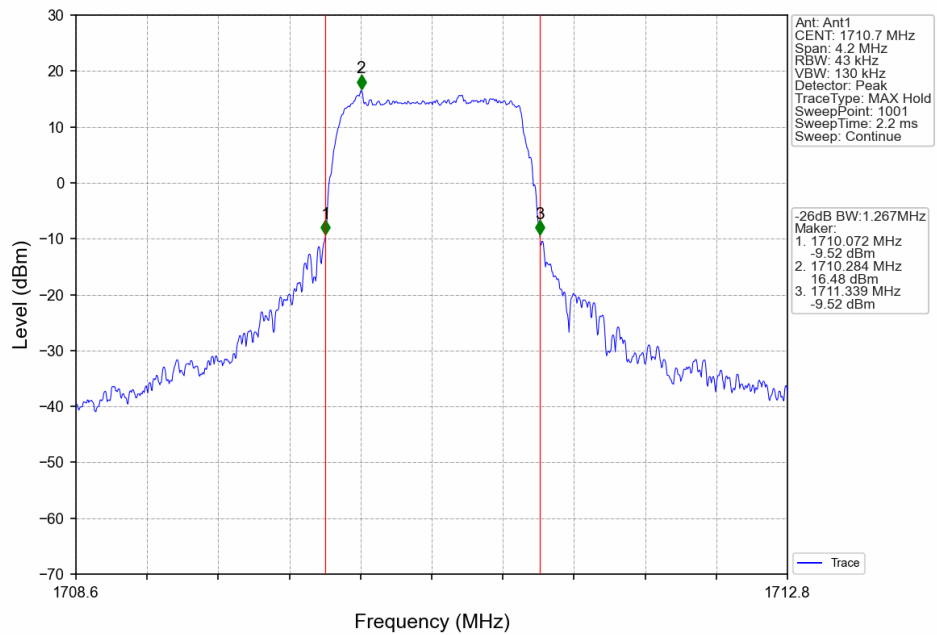
3.2.2 Test Graph



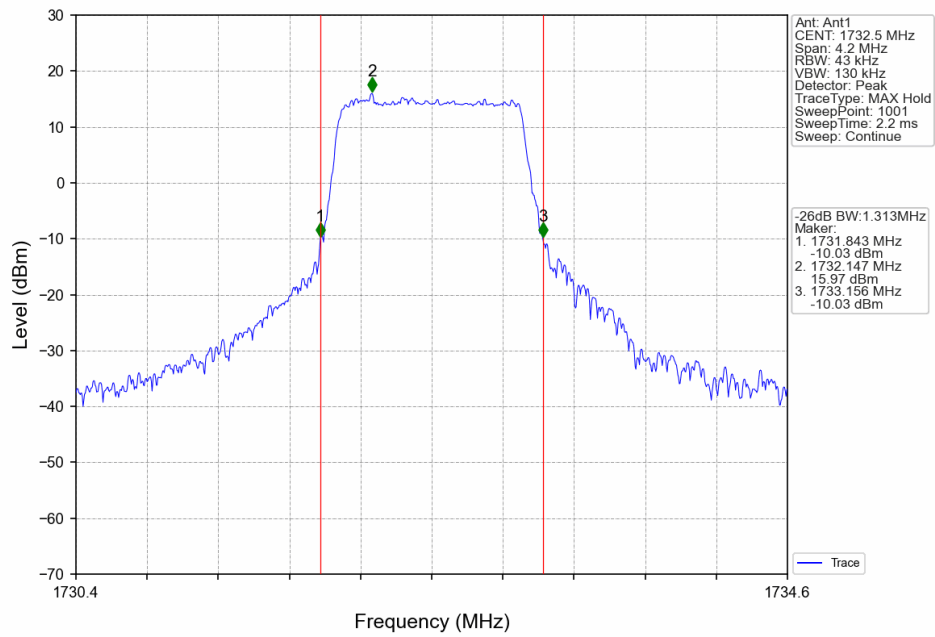
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



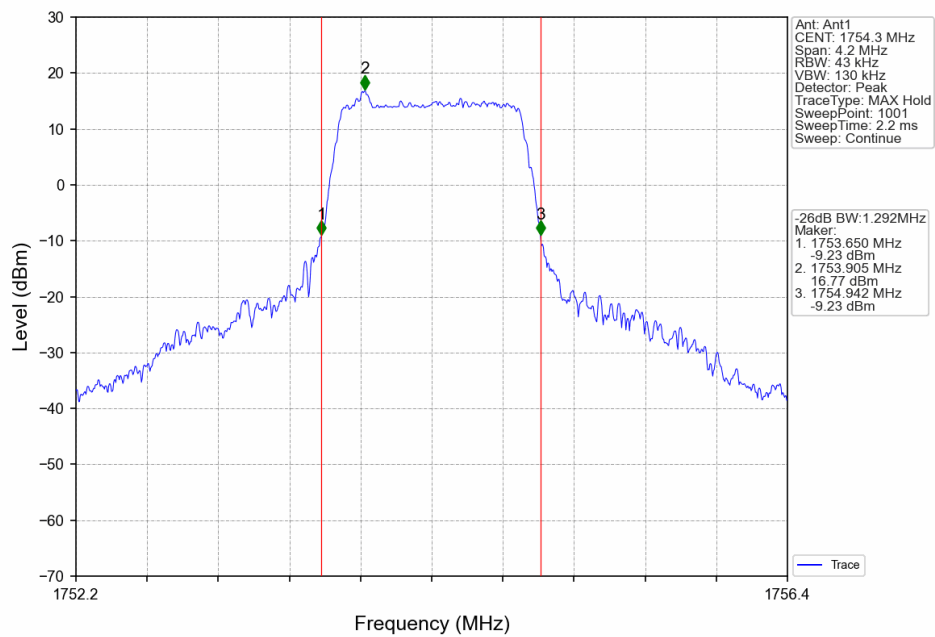
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



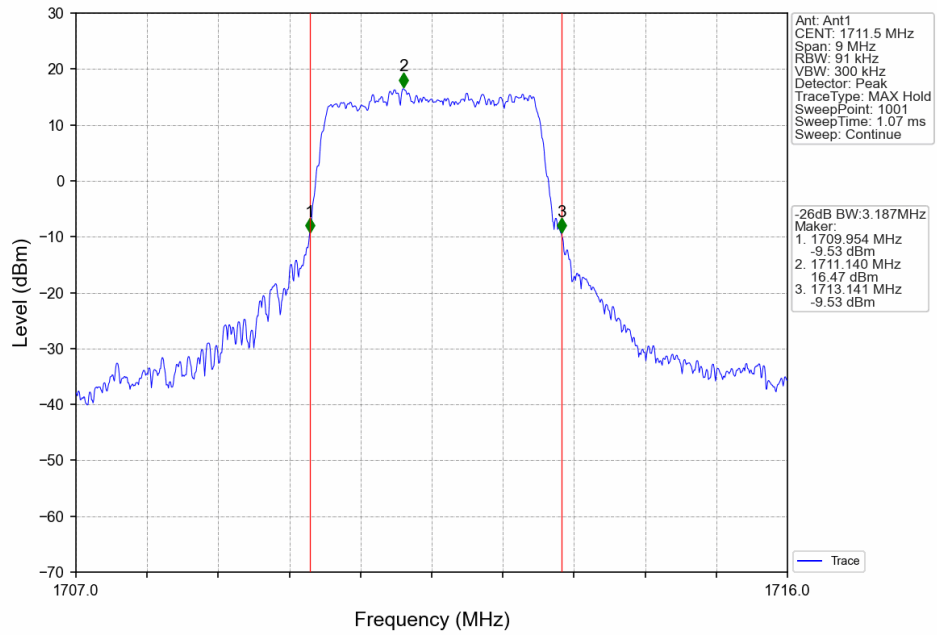
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



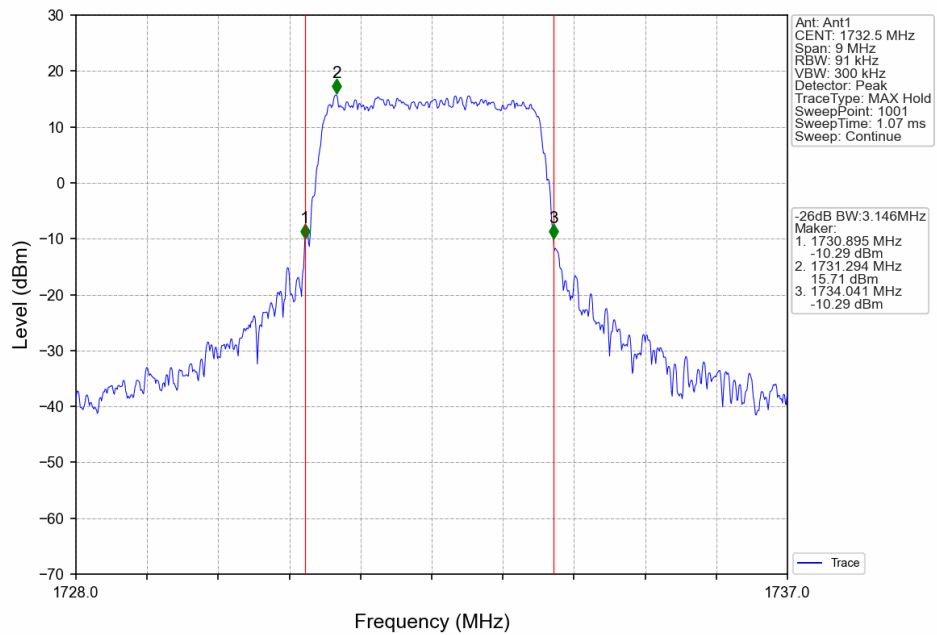
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



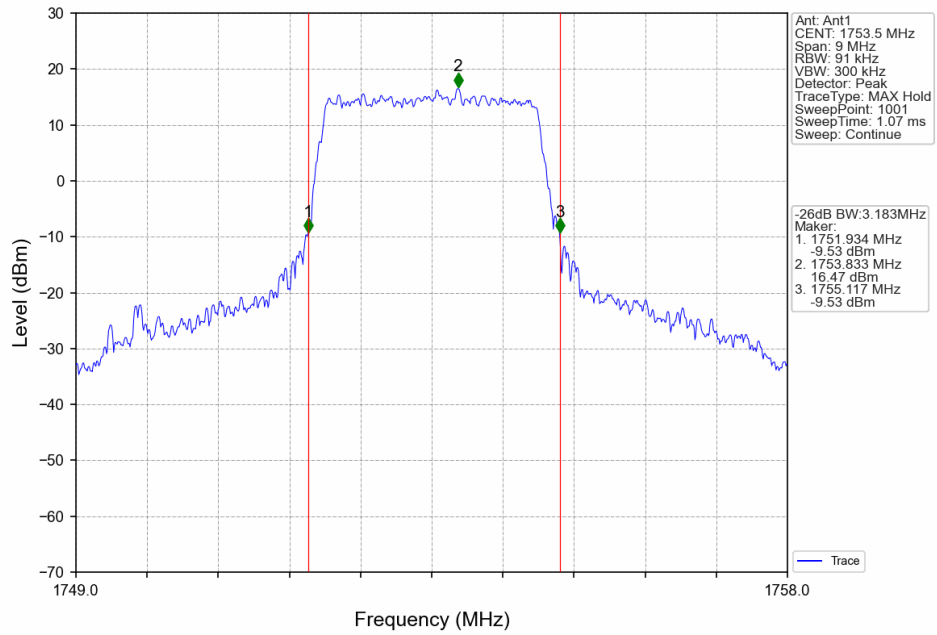
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



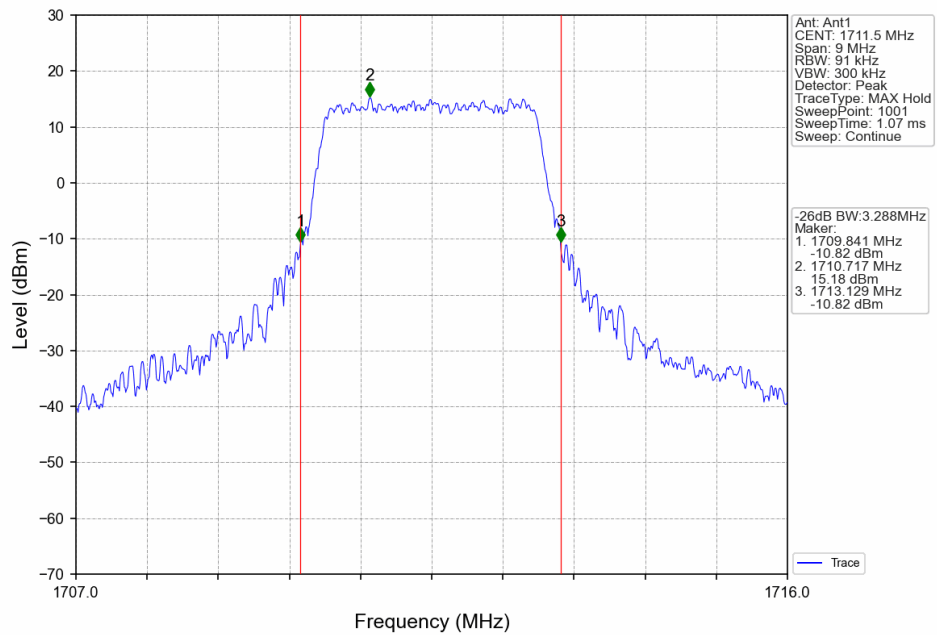
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



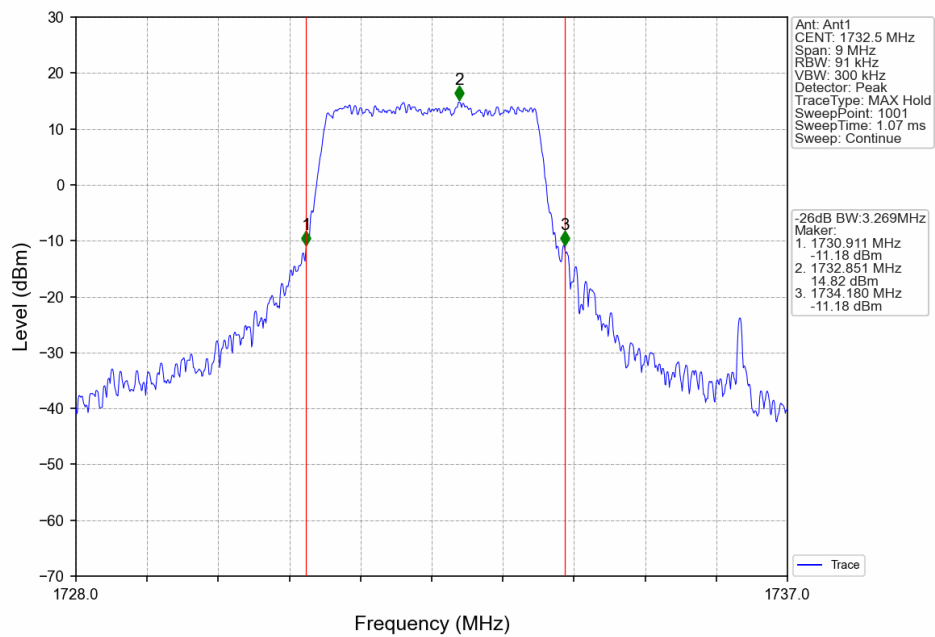
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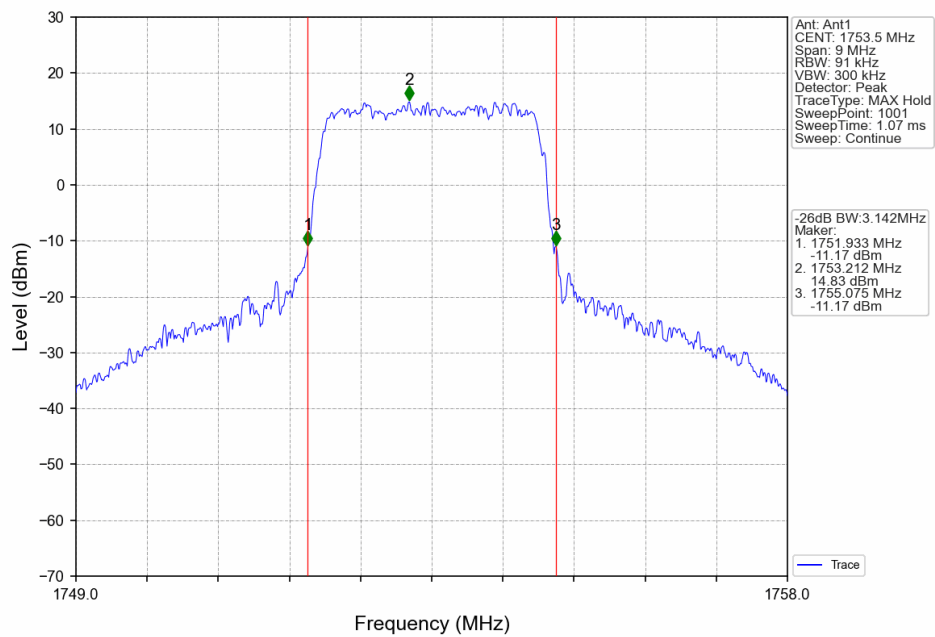
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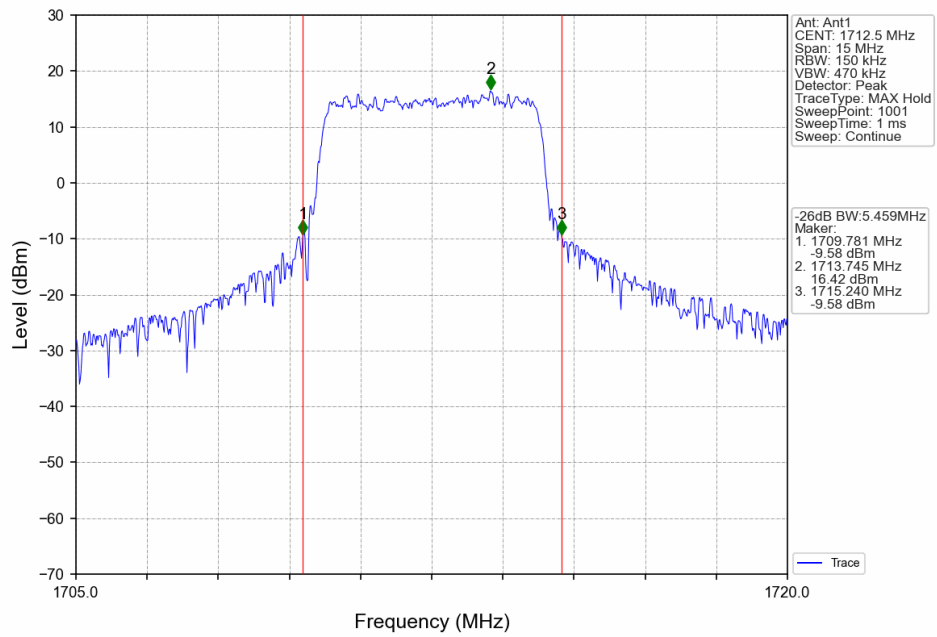
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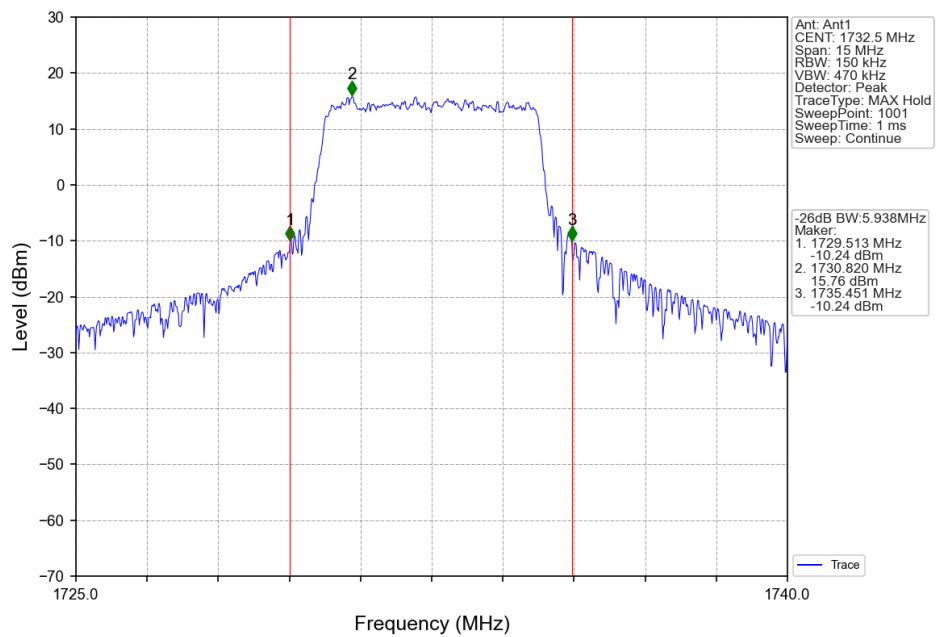
Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV



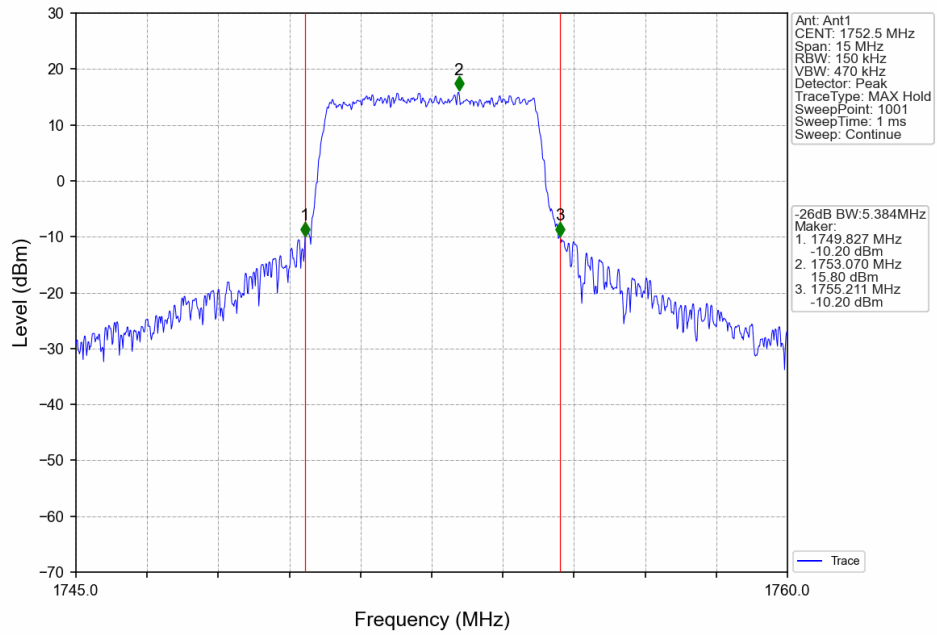
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTN



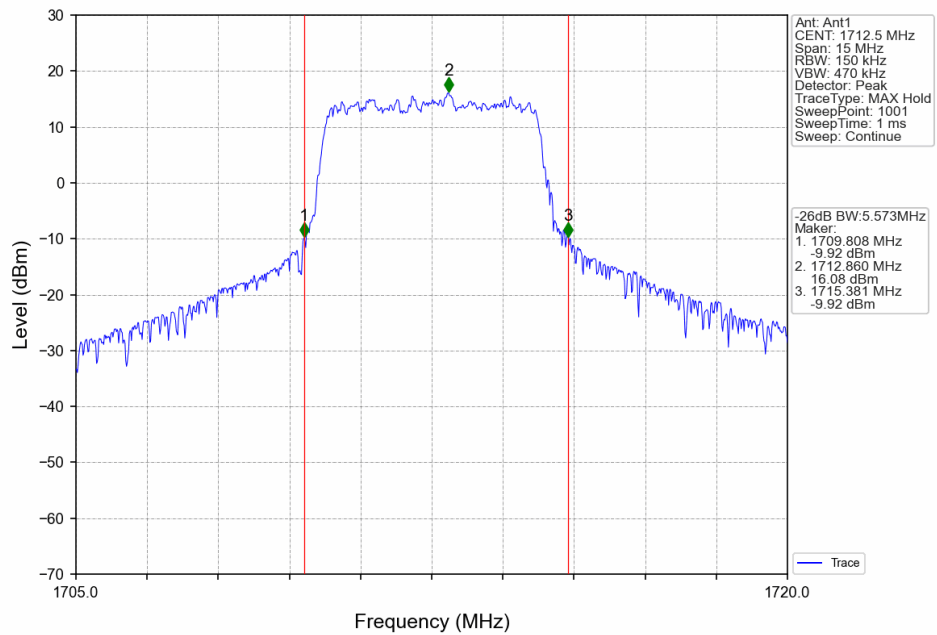
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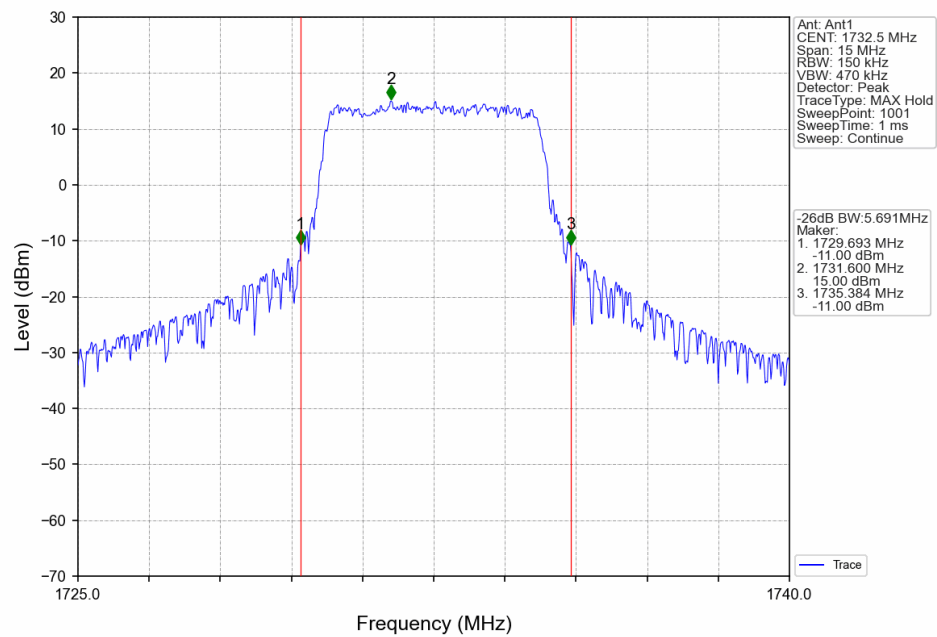
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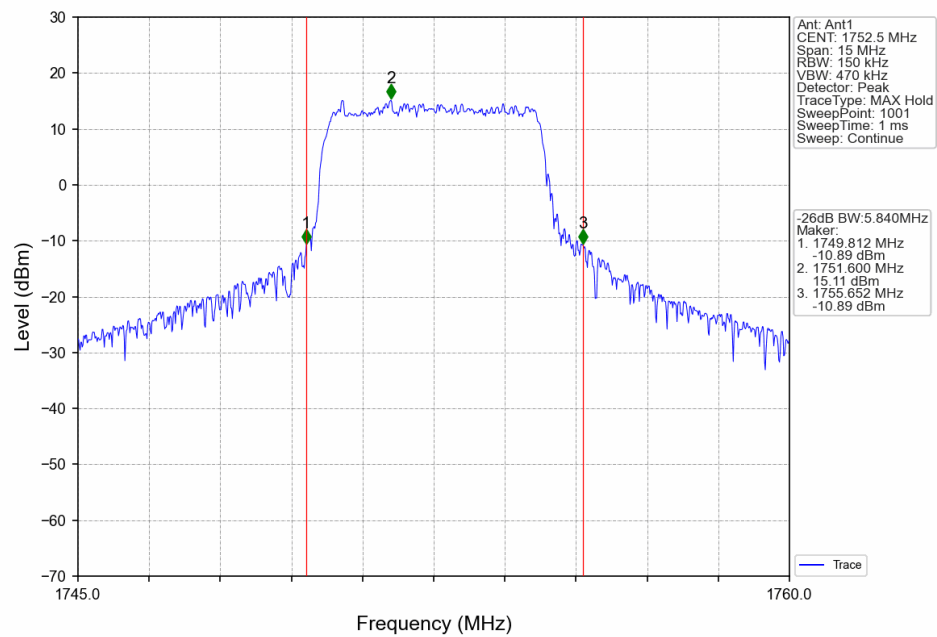
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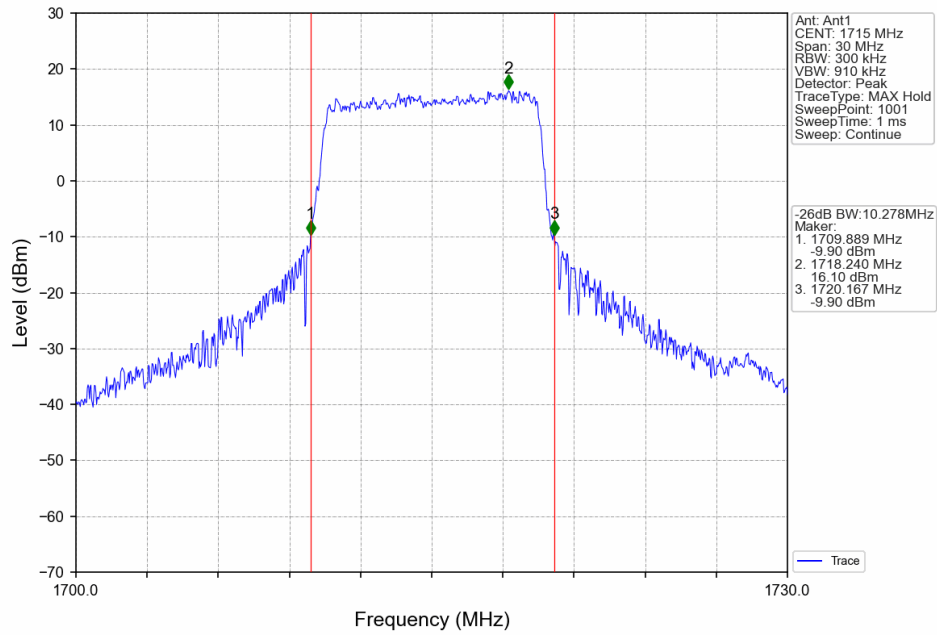
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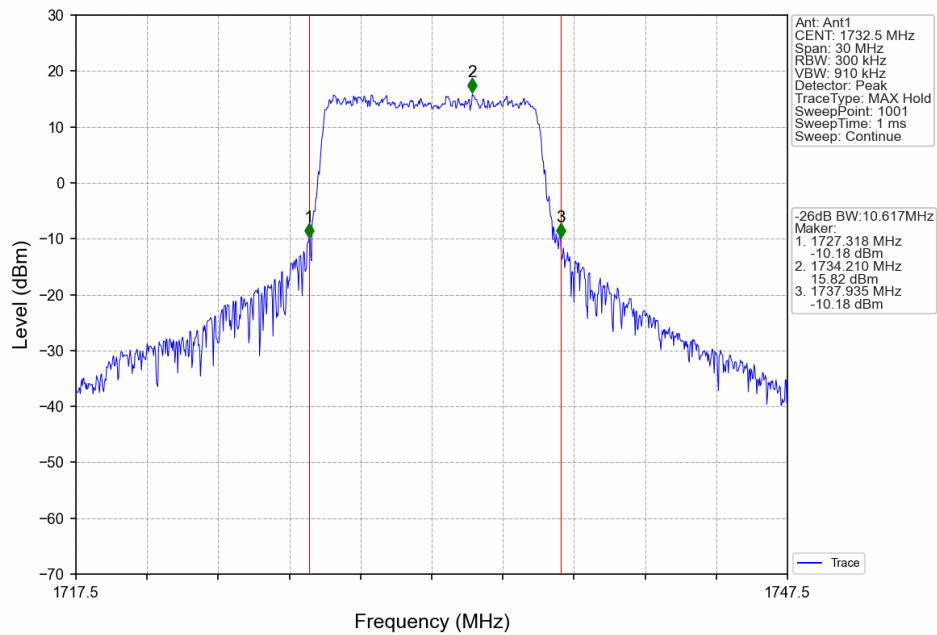
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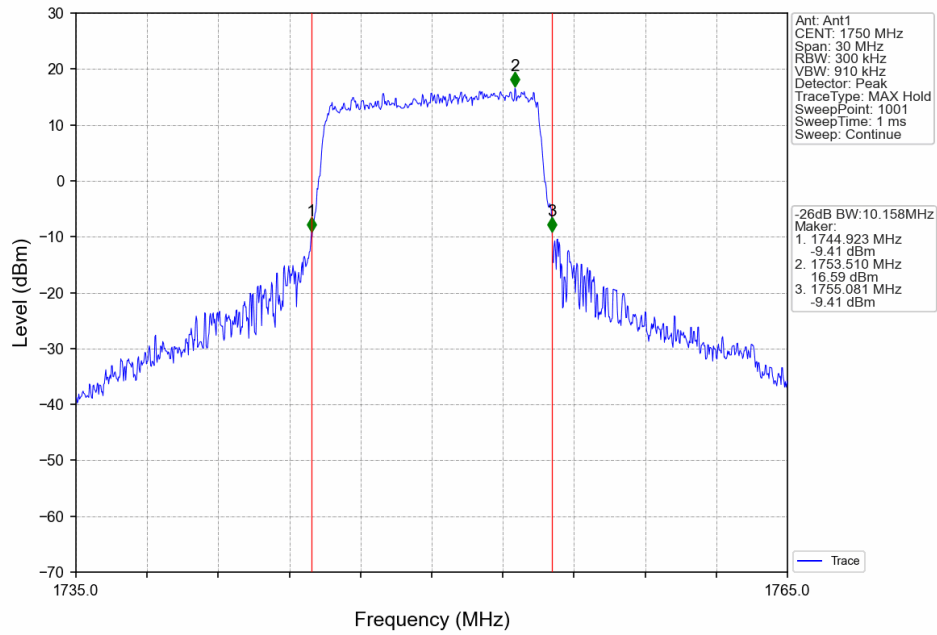
Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTN



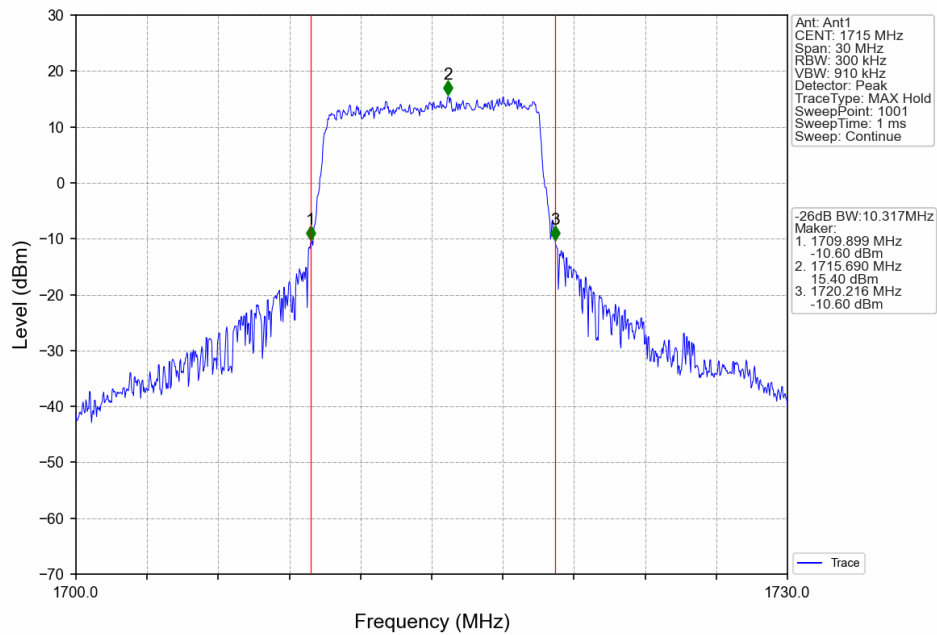
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTN



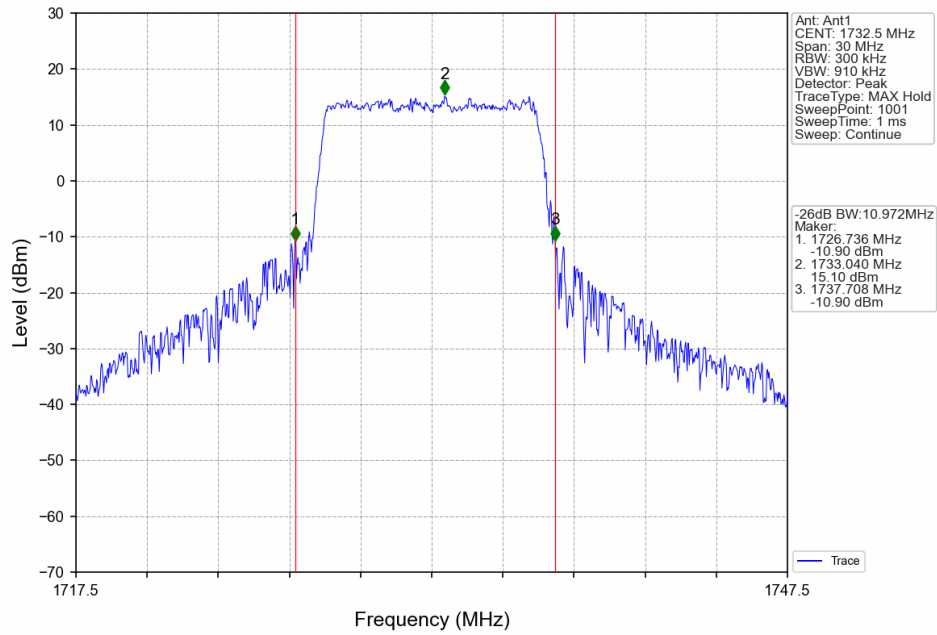
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTN



Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTN



Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTN



Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTN

