

1. 99% & 26dB Bandwidth

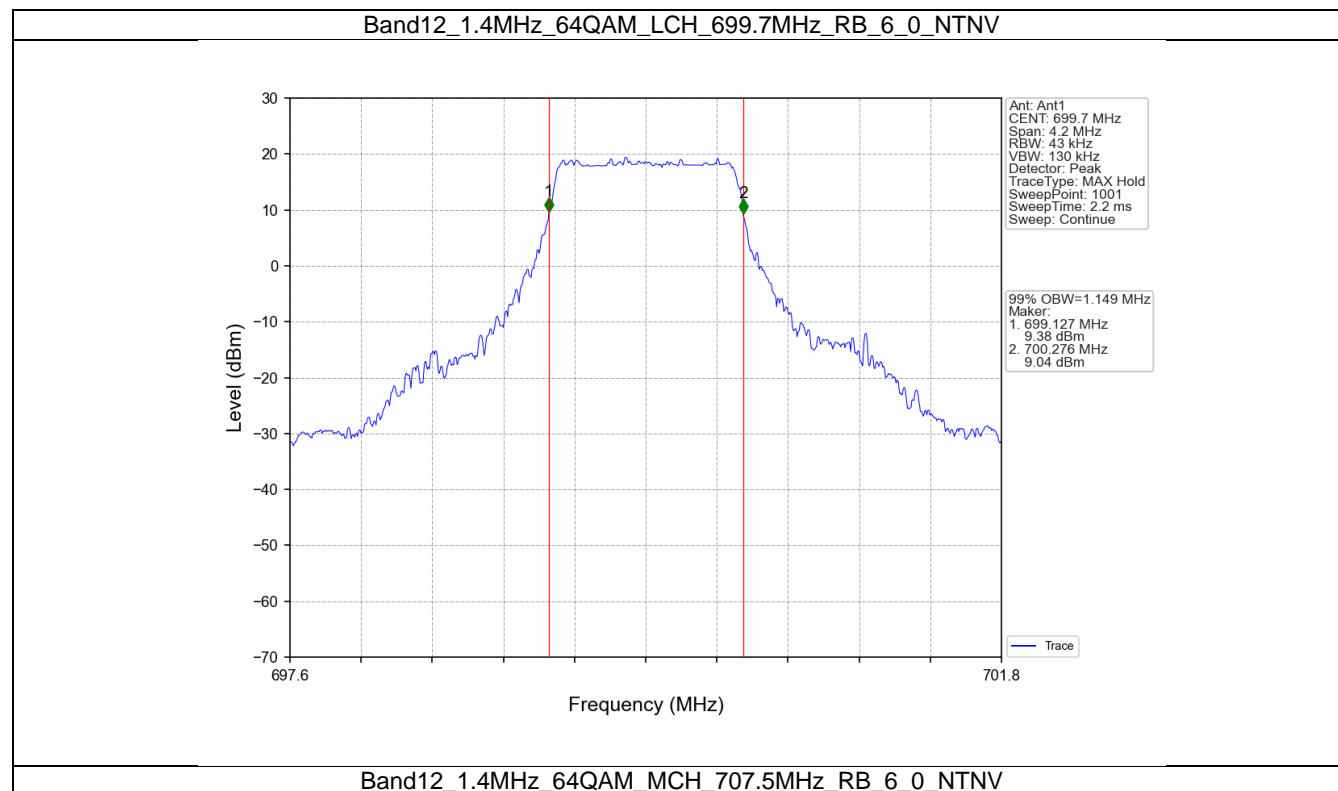
1.1 Band12_OBW

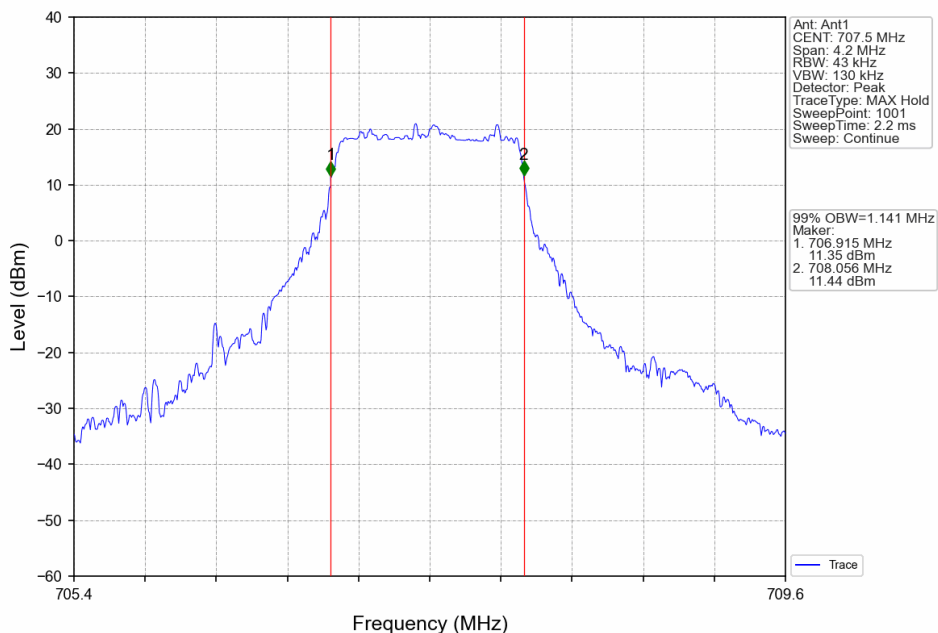
1.1.1 Test Result

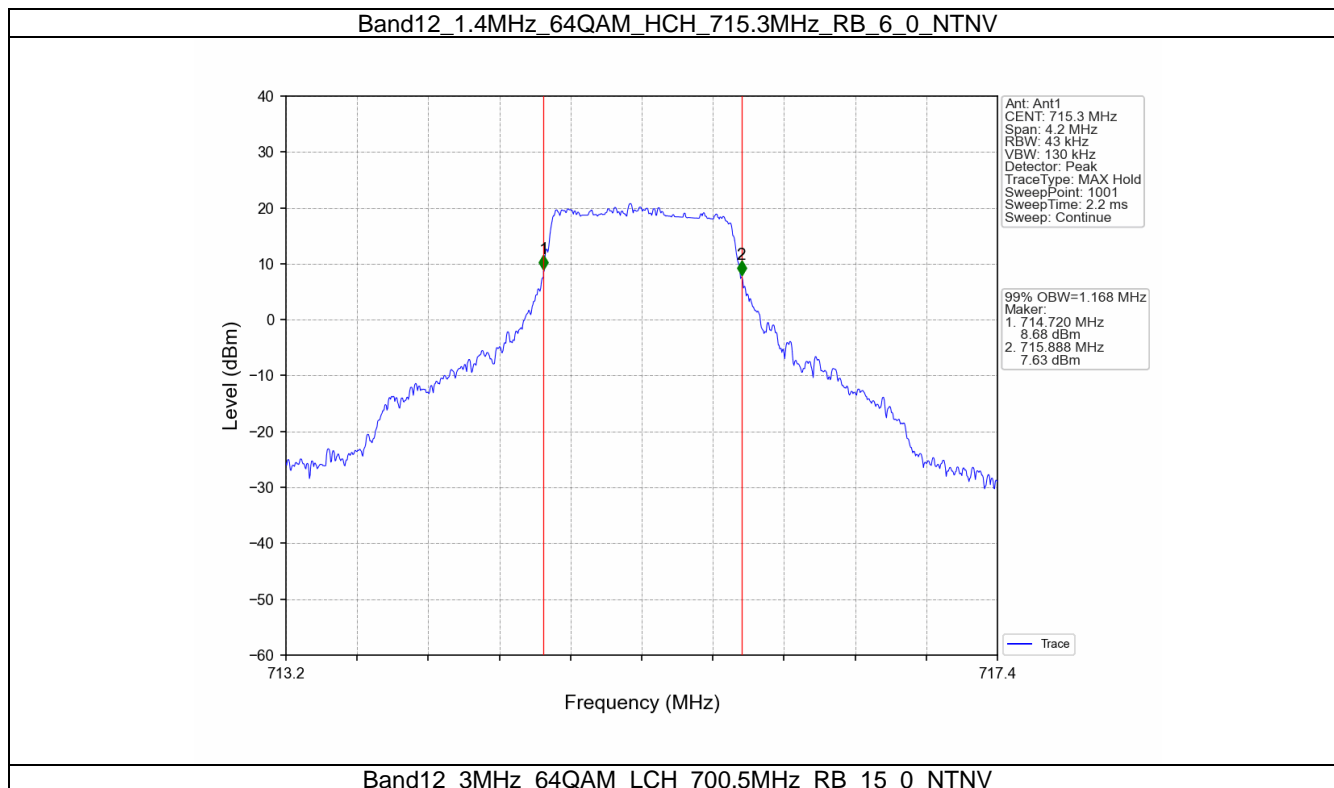
Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	64QAM	699.7	6	0	1.149	Pass
		707.5	6	0	1.141	Pass
		715.3	6	0	1.168	Pass
3	64QAM	700.5	15	0	2.790	Pass
		707.5	15	0	2.787	Pass
		714.5	15	0	2.790	Pass
5	64QAM	701.5	25	0	4.595	Pass
		707.5	25	0	4.592	Pass
		713.5	25	0	4.569	Pass
10	64QAM	704	50	0	9.032	Pass
		707.5	50	0	9.104	Pass
		711	50	0	9.139	Pass

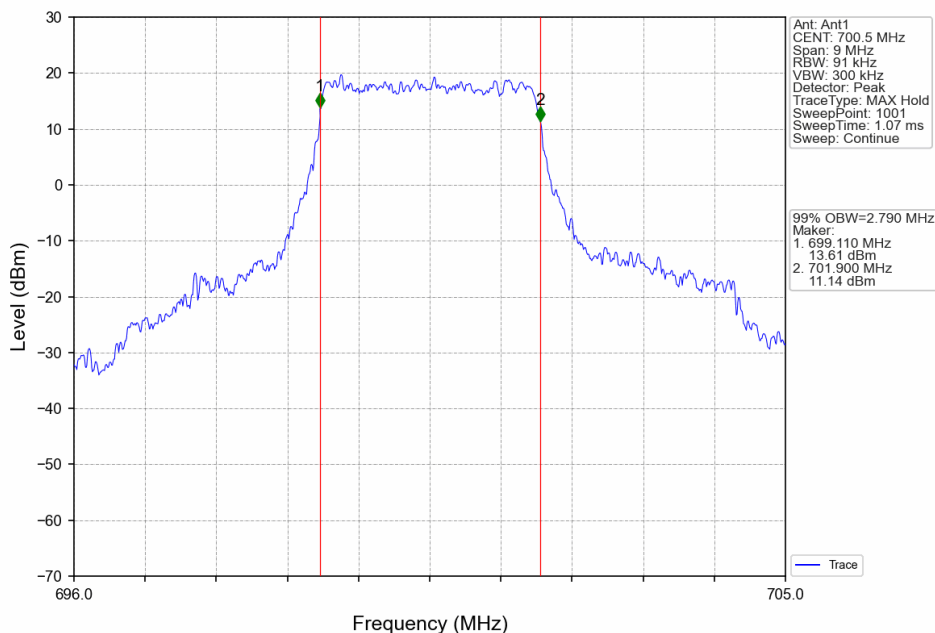


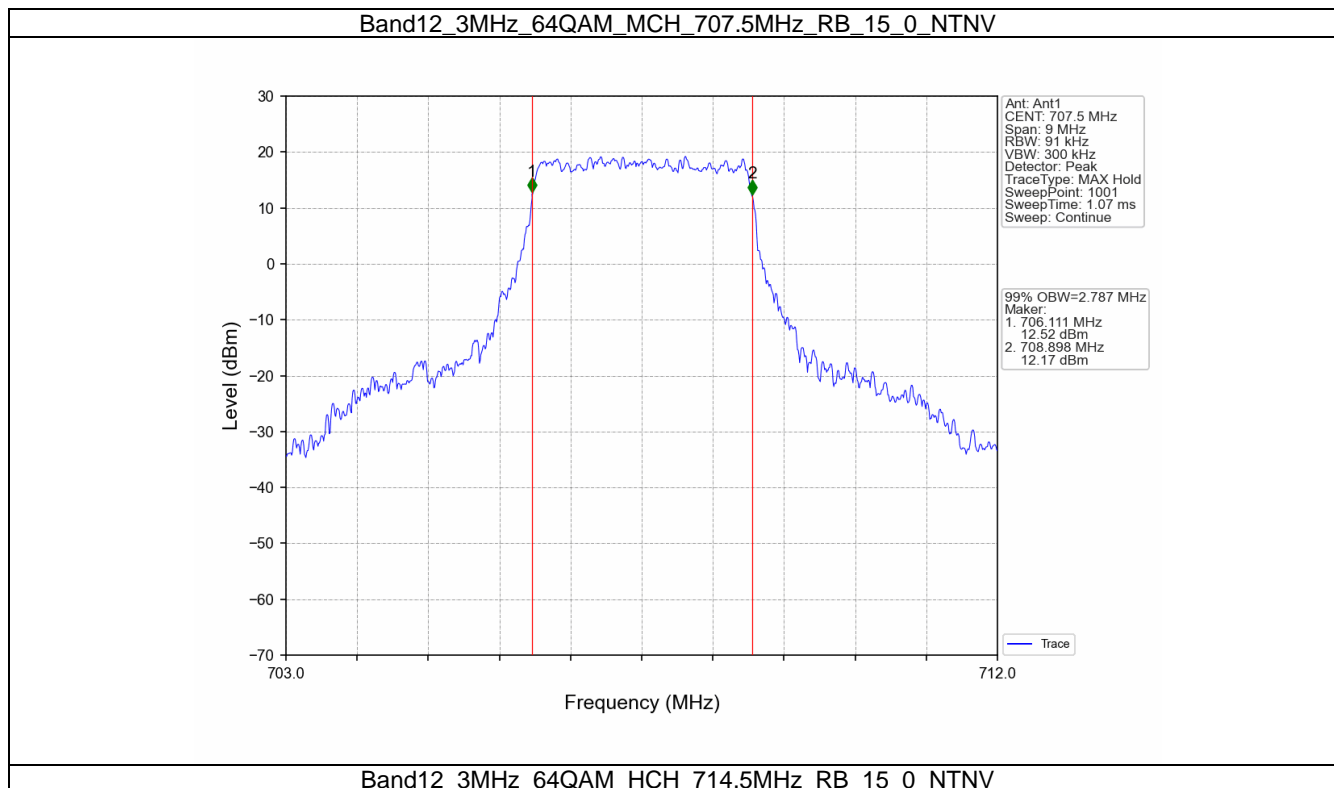
1.1.2 Test Graph

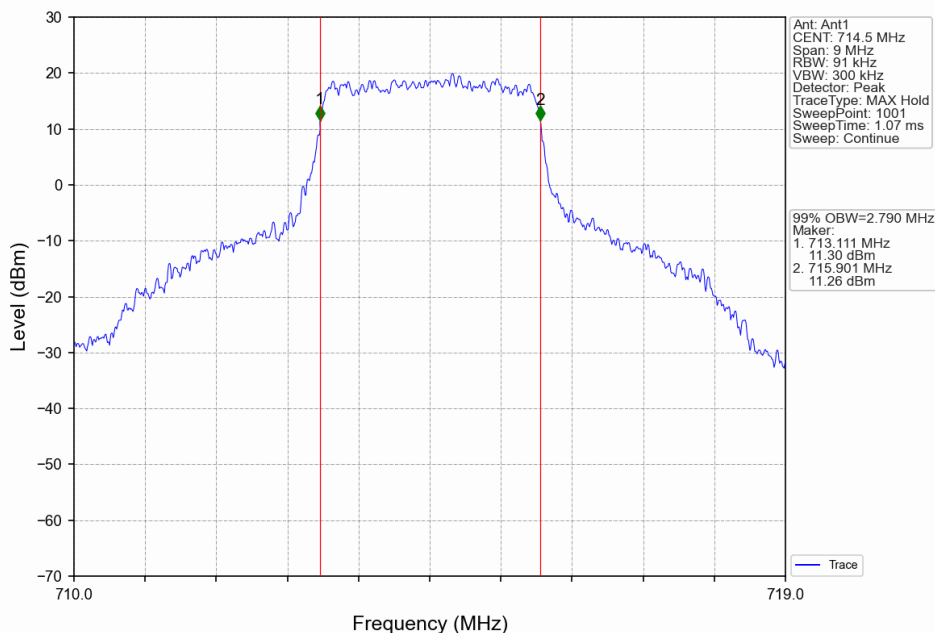


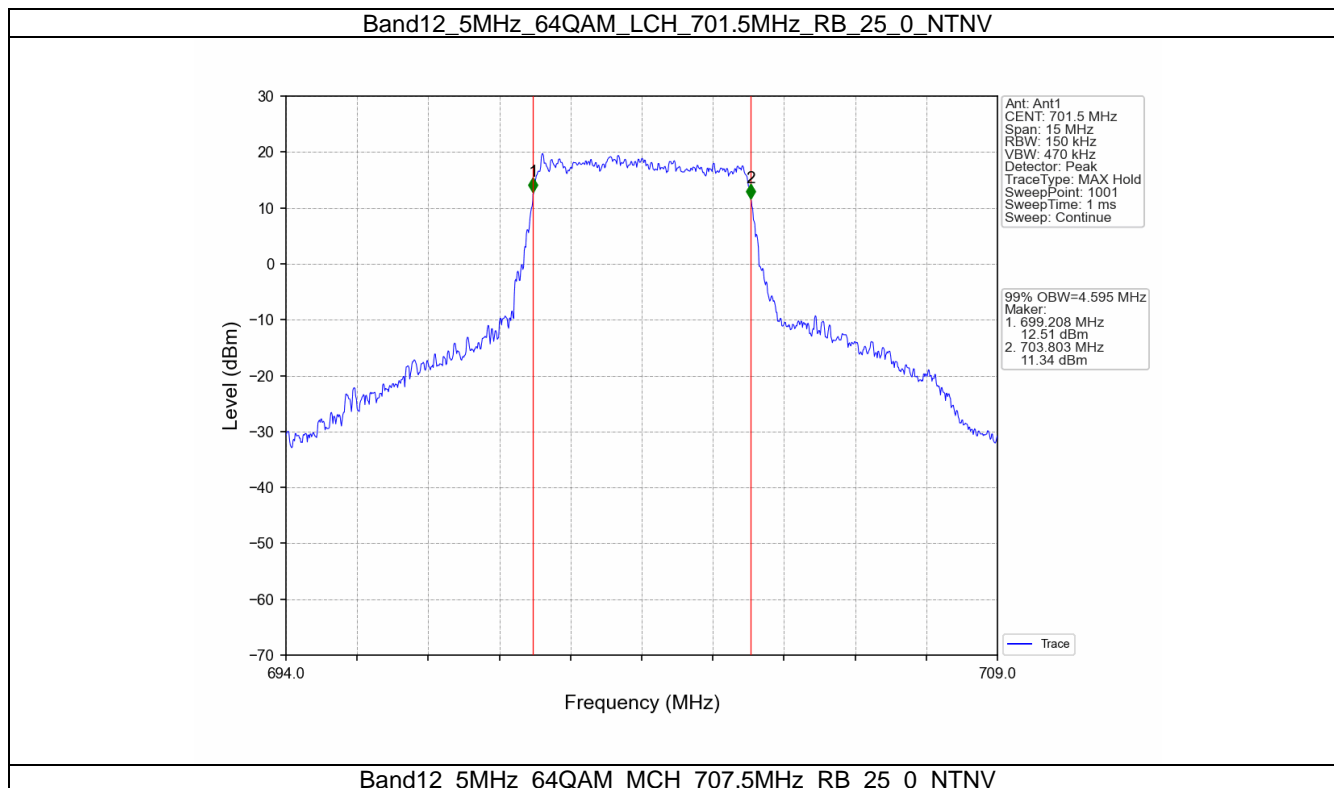


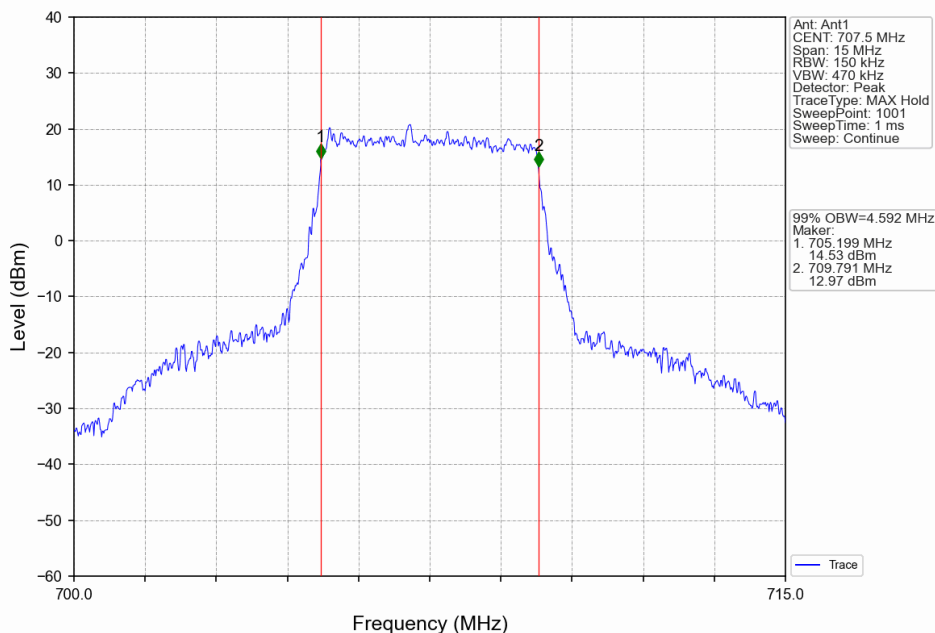


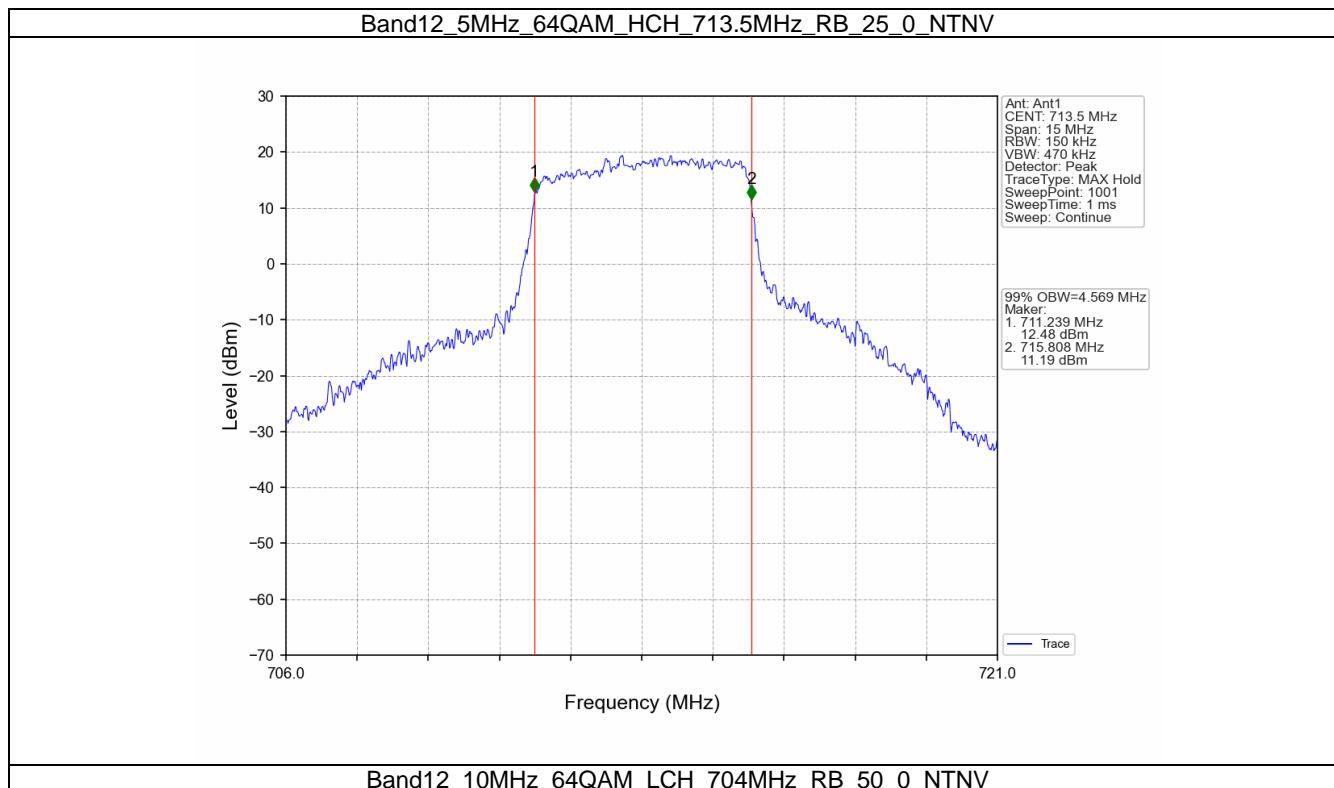


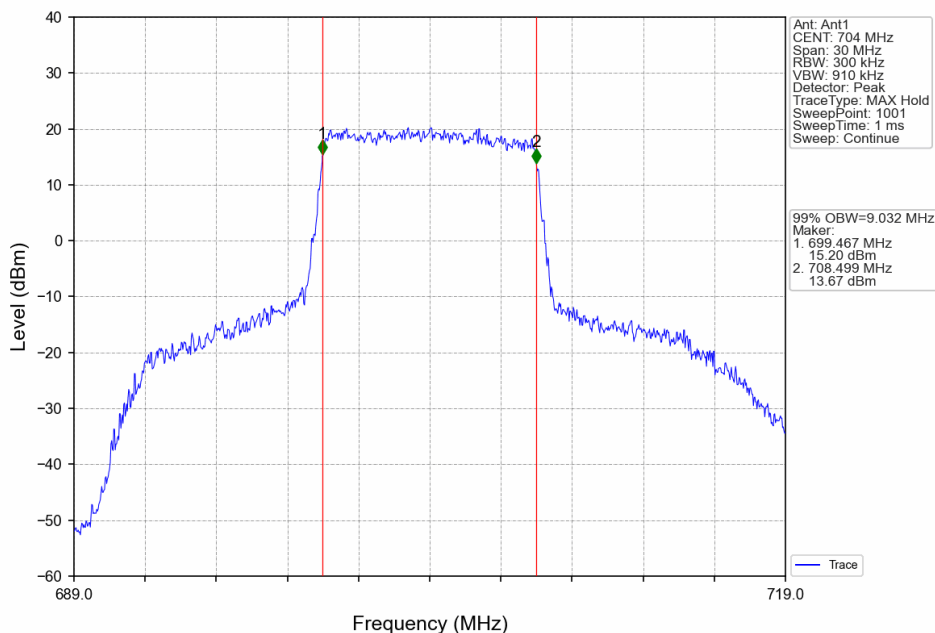


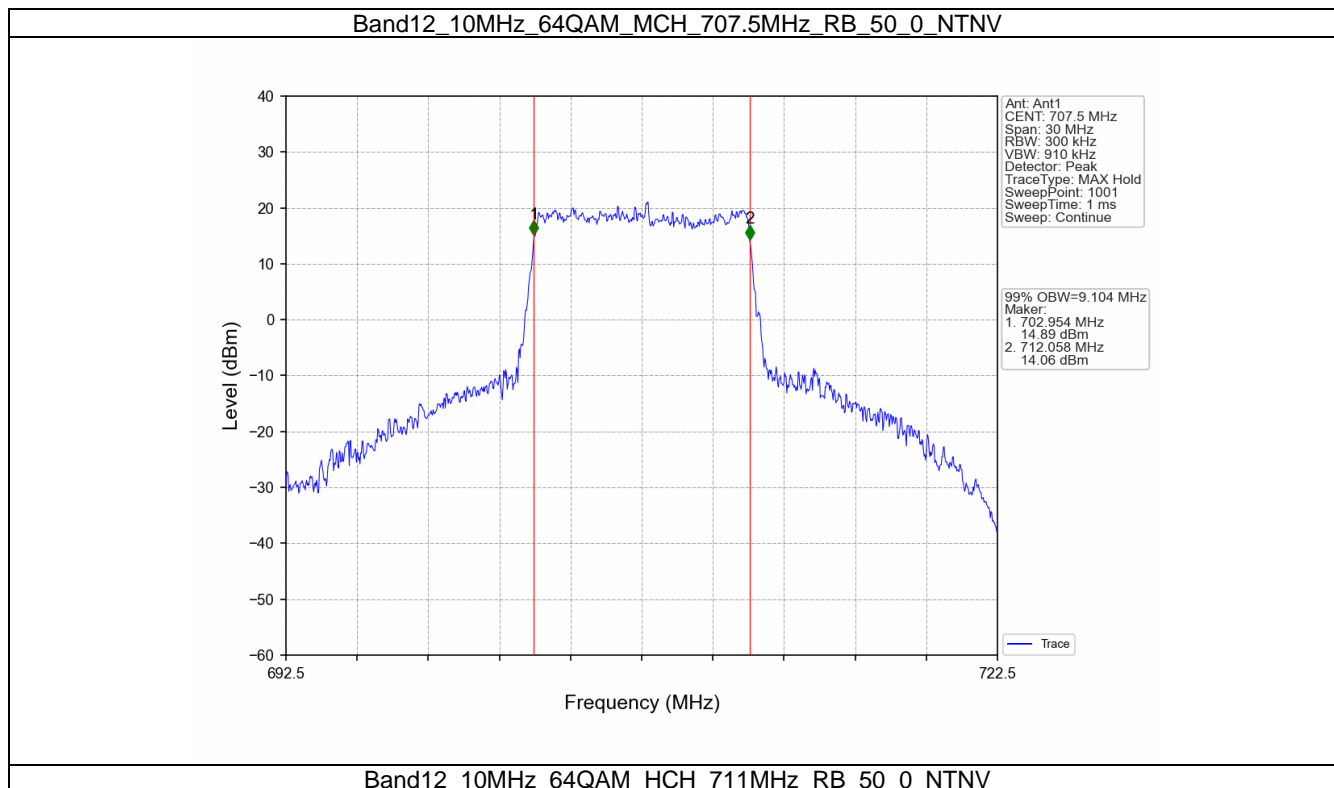


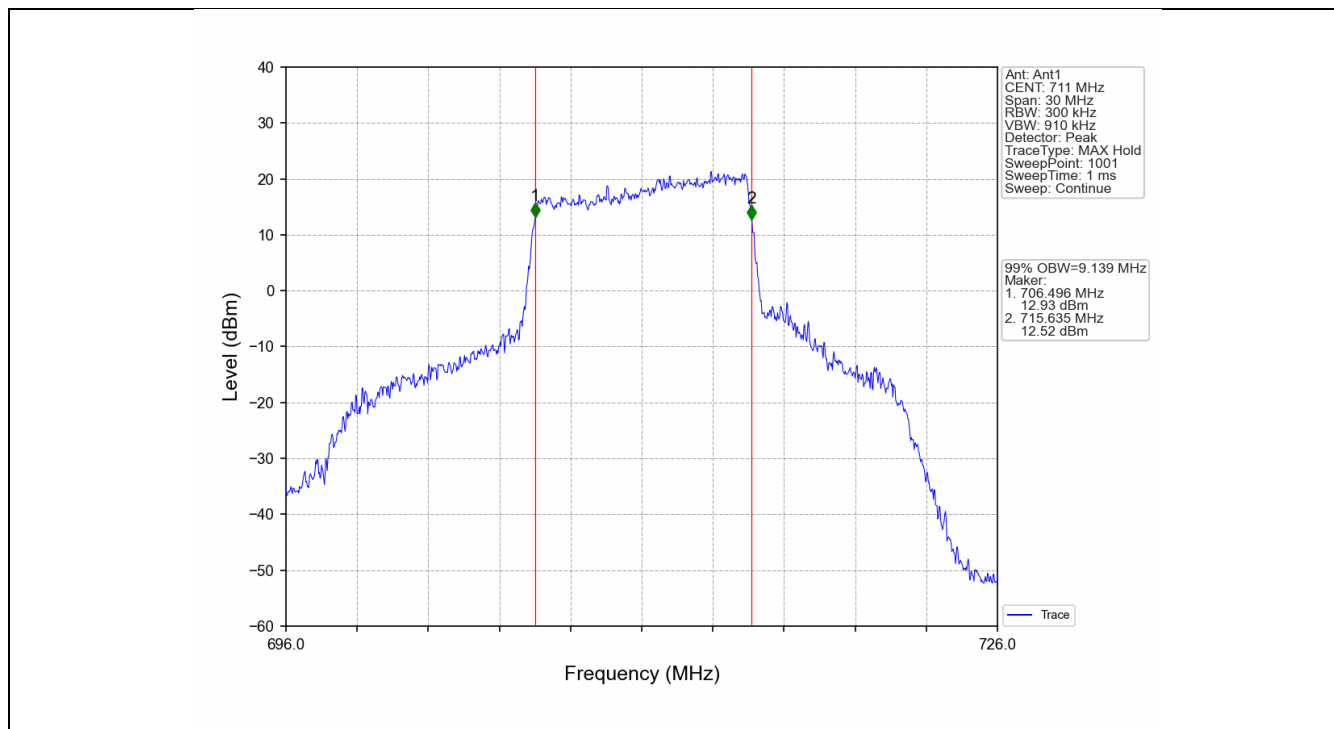














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1.2 Band12_XDB

1.2.1 Test Result

Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	64QAM	699.7	6	0	1.594	Pass
		707.5	6	0	1.542	Pass
		715.3	6	0	1.745	Pass
3	64QAM	700.5	15	0	3.520	Pass
		707.5	15	0	3.523	Pass
		714.5	15	0	3.850	Pass
5	64QAM	701.5	25	0	5.454	Pass
		707.5	25	0	5.496	Pass
		713.5	25	0	5.873	Pass
10	64QAM	704	50	0	10.121	Pass
		707.5	50	0	10.206	Pass
		711	50	0	11.286	Pass



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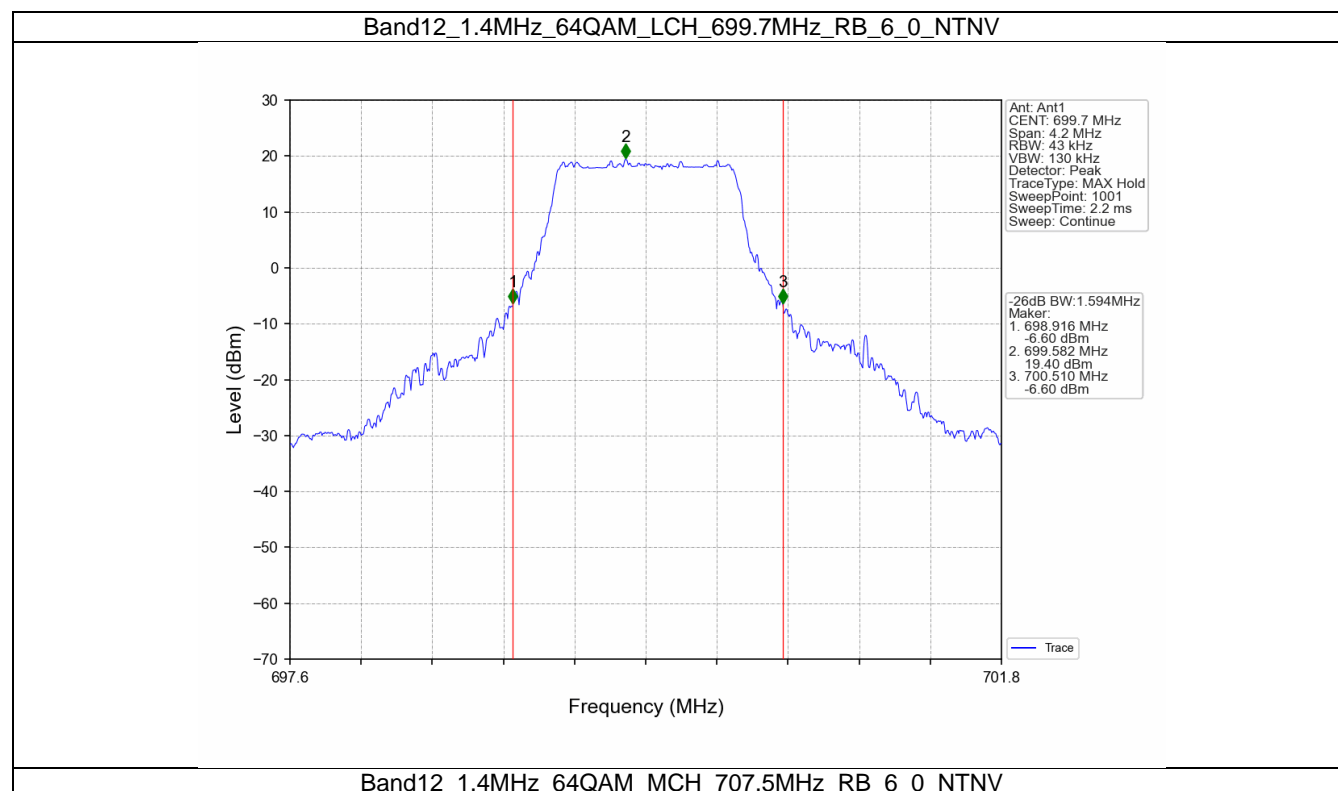
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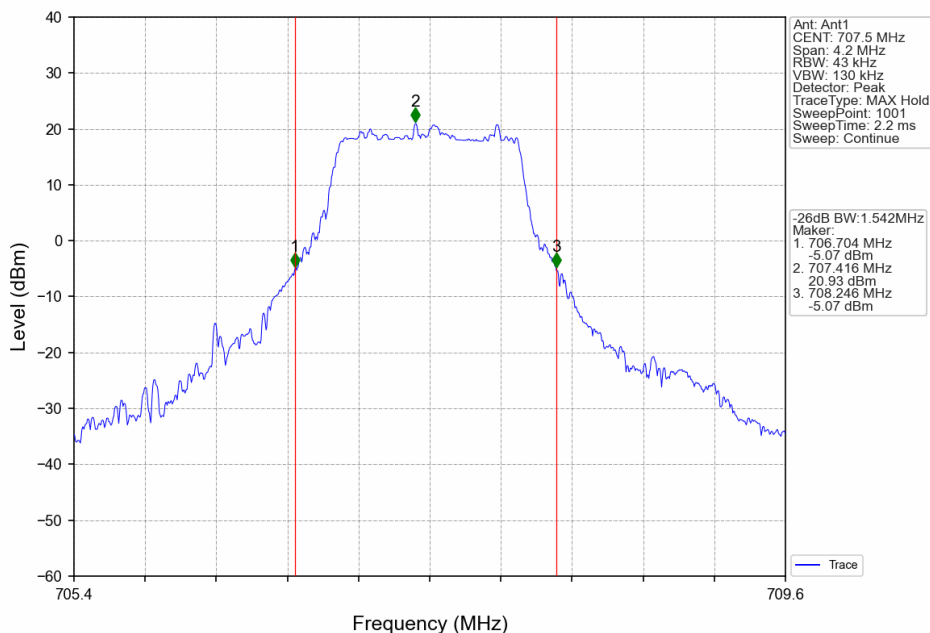
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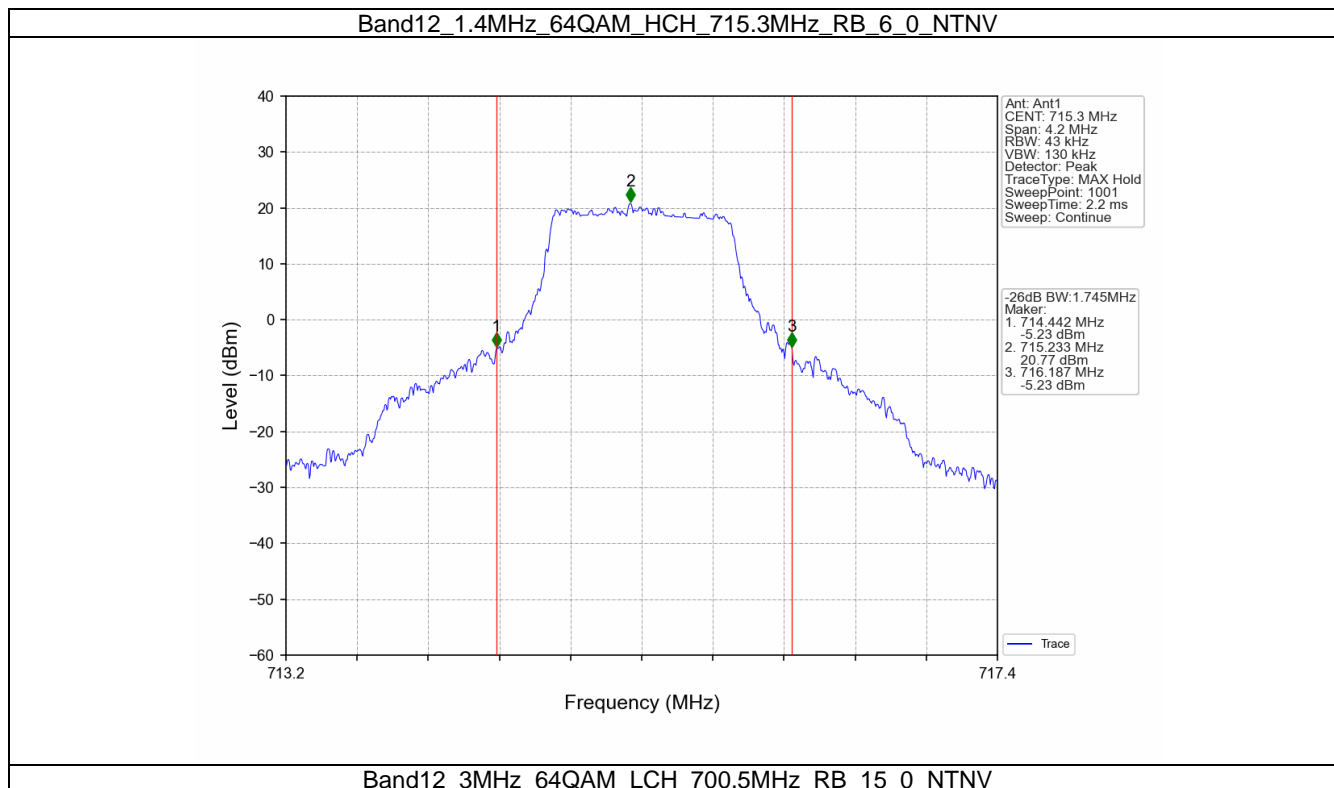
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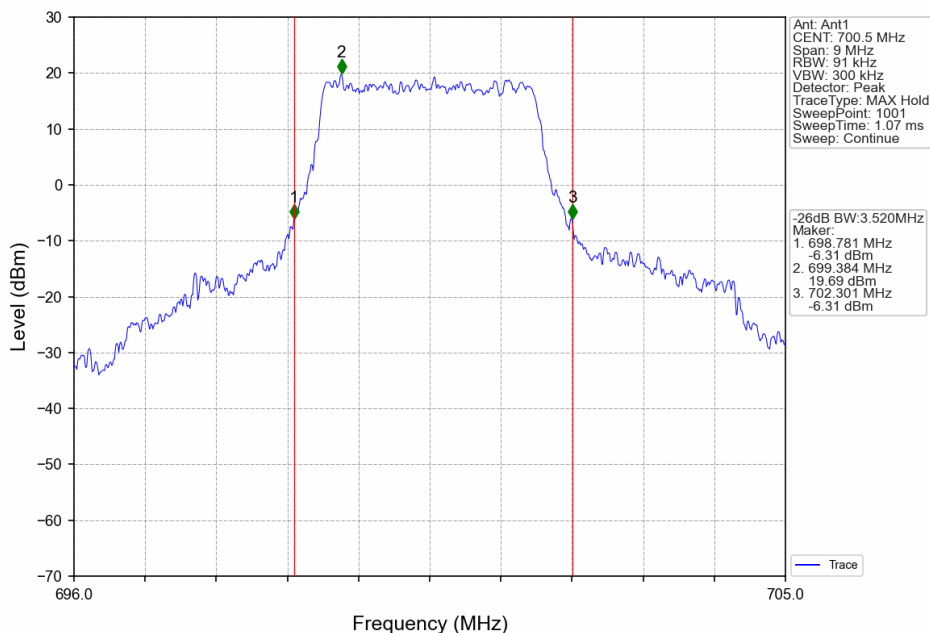
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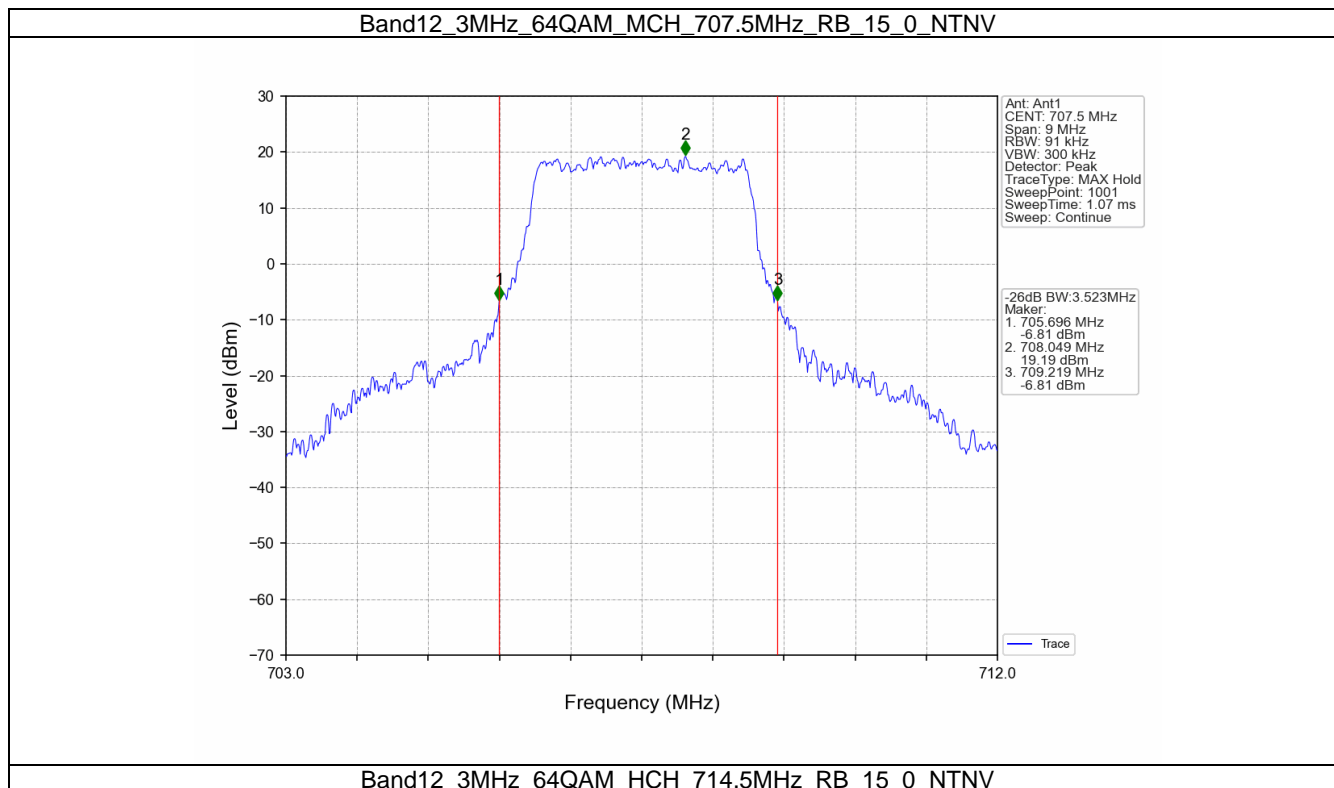
1.2.2 Test Graph

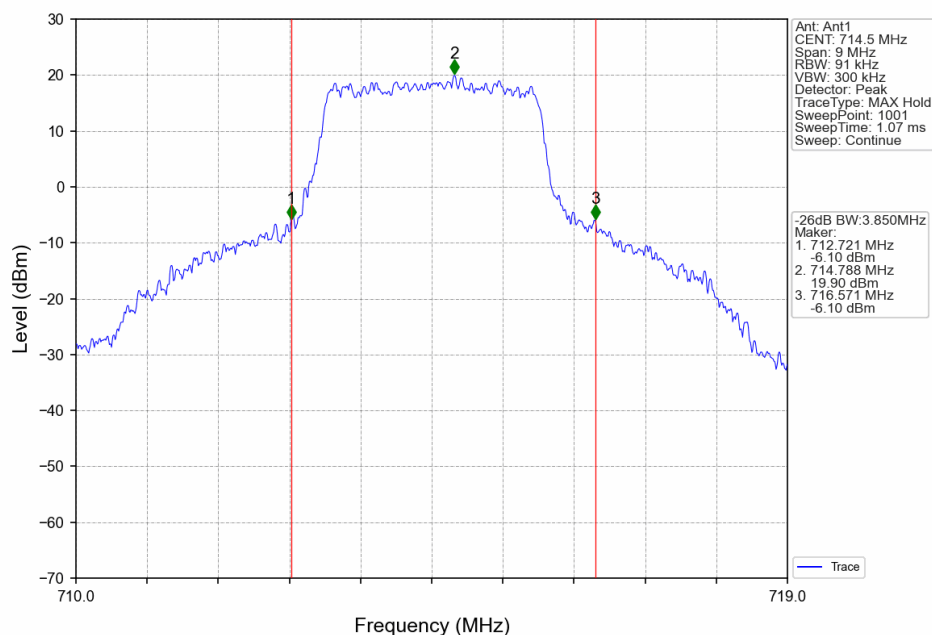


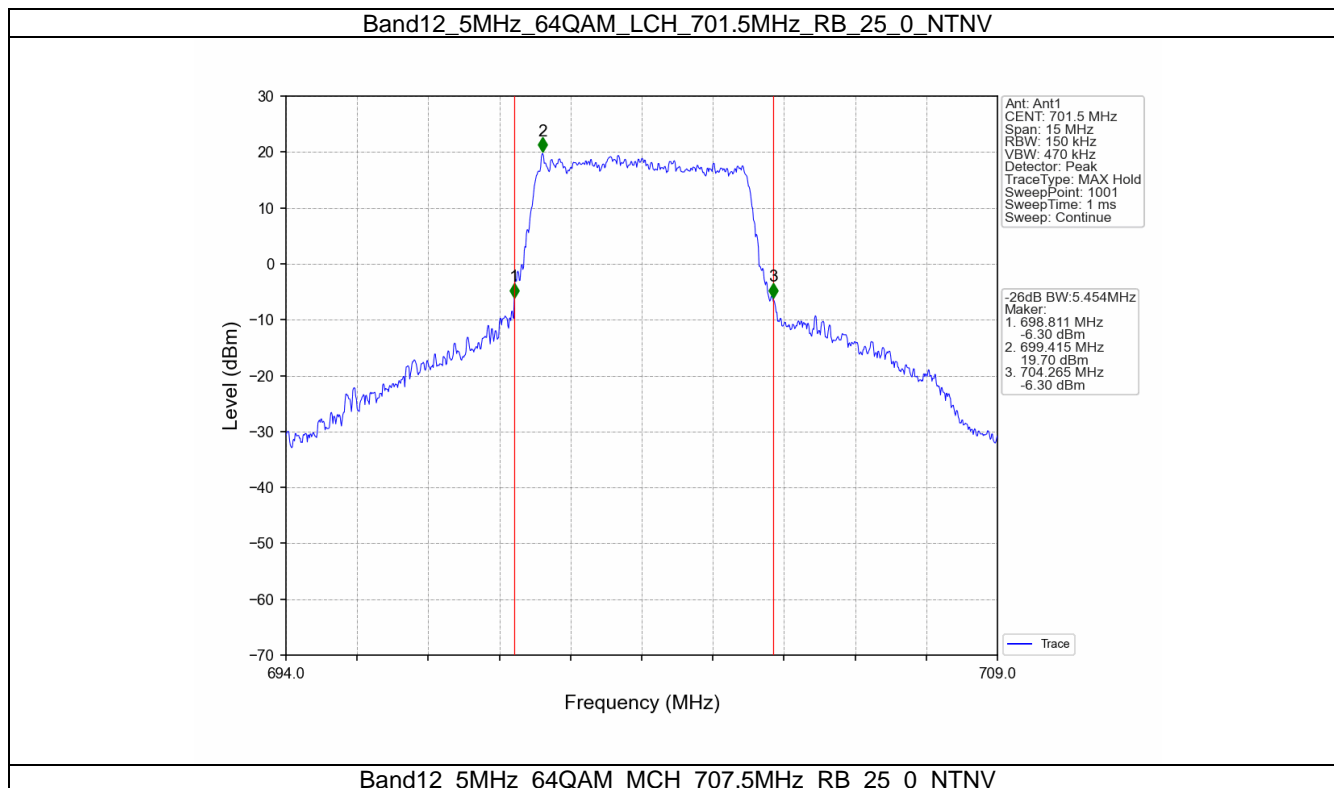


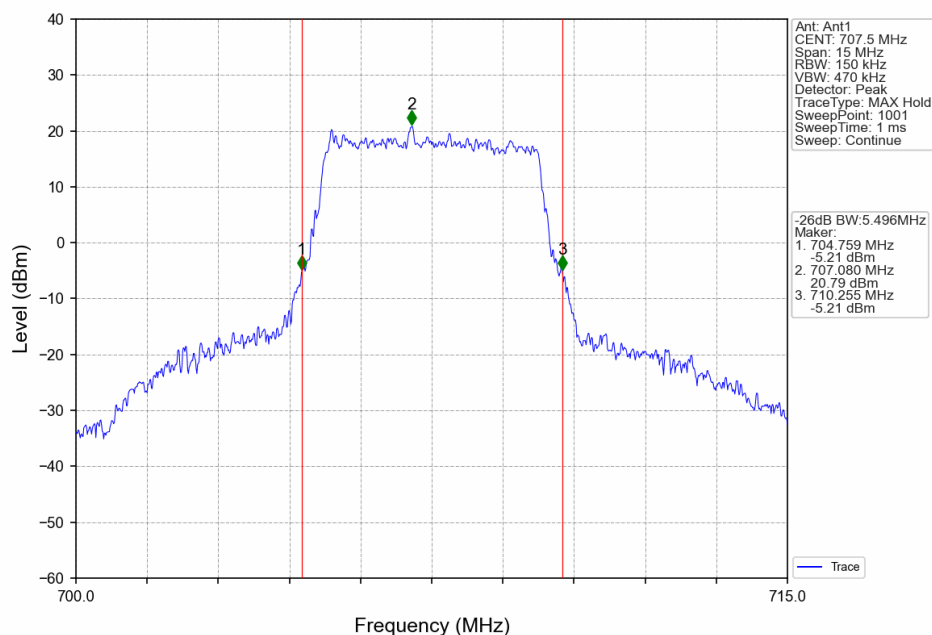


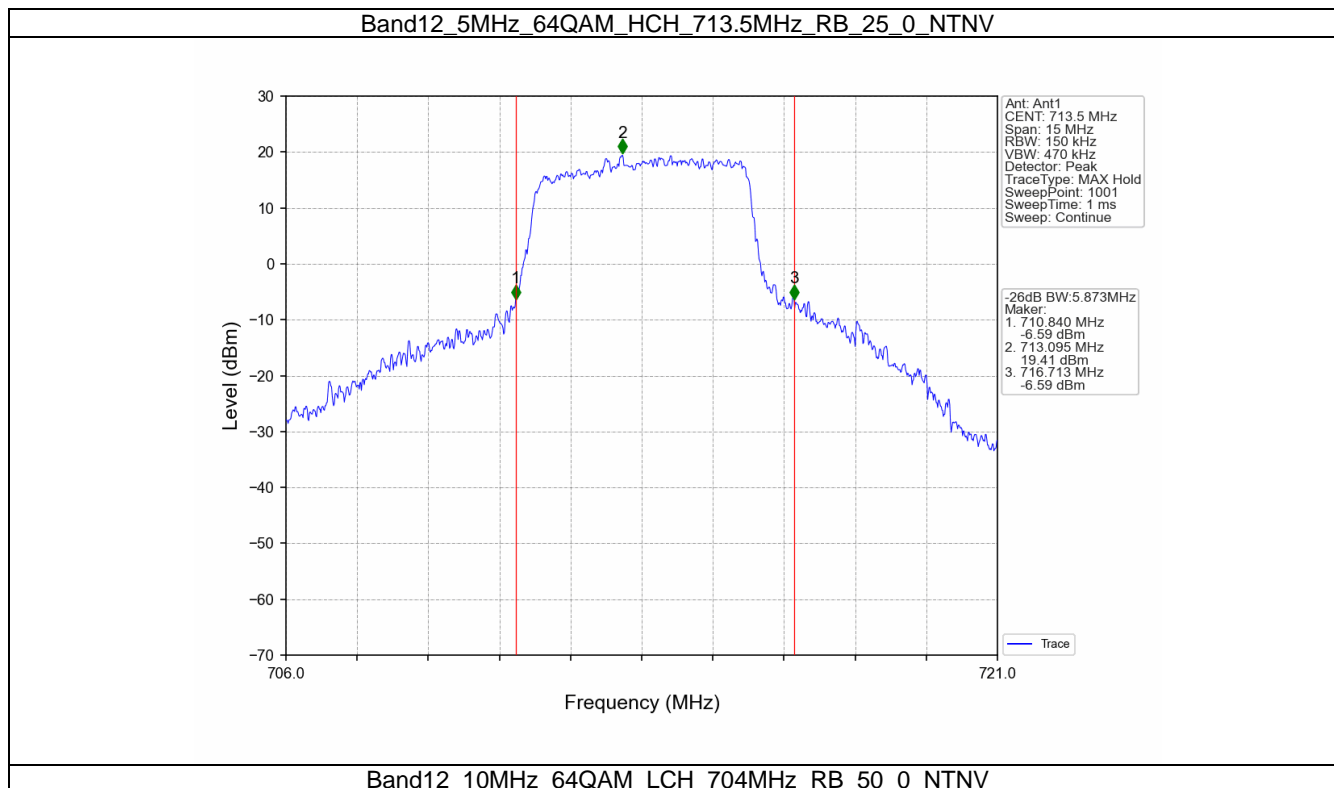


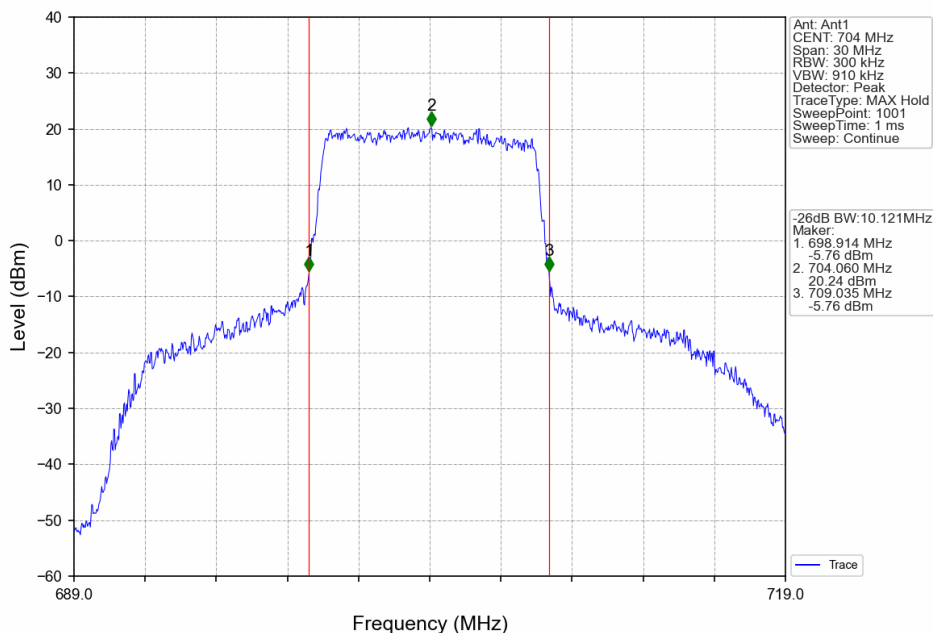


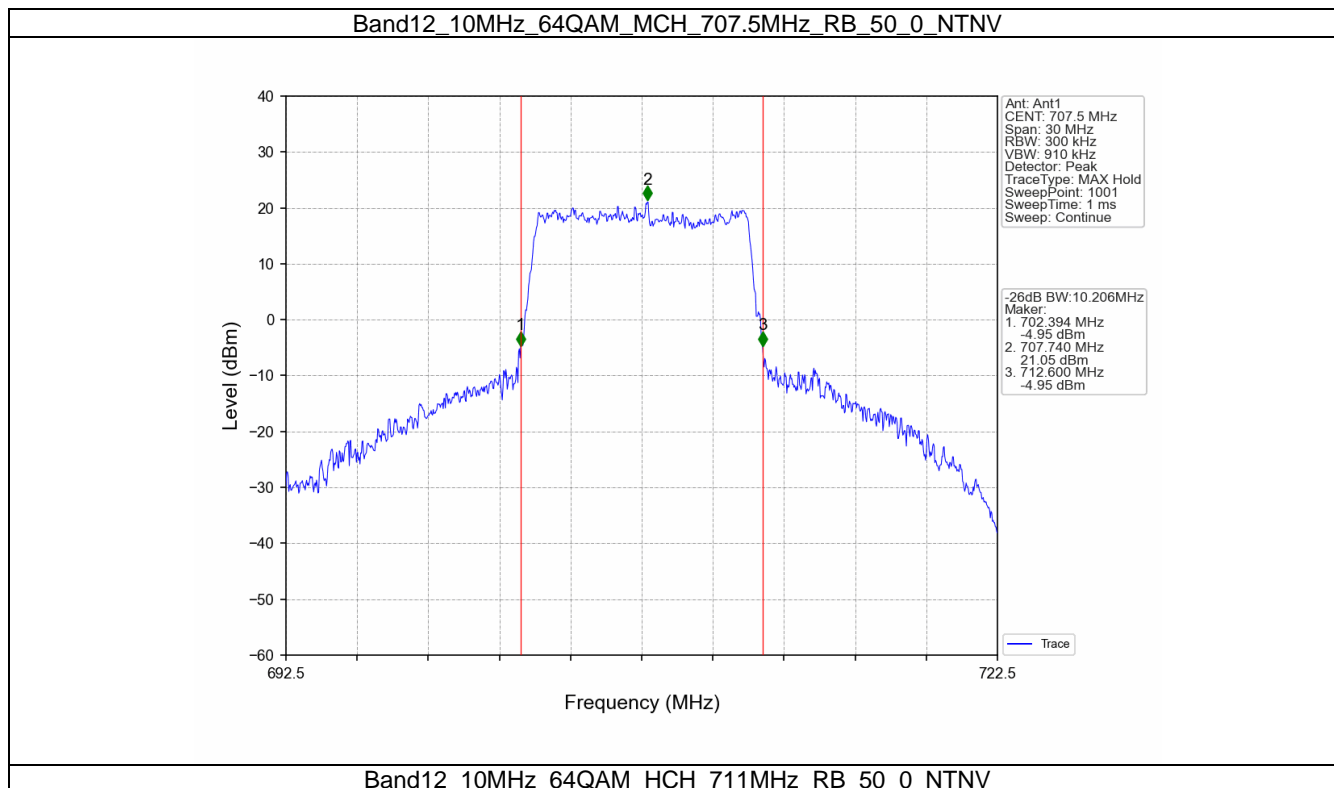


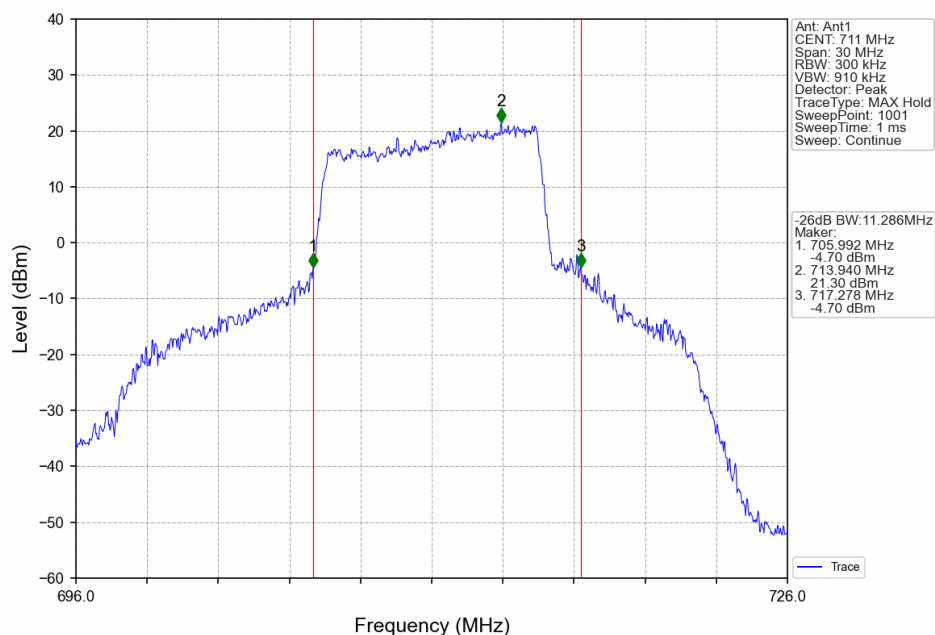














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2. 99% & 26dB Bandwidth

2.1 Band13_OBW

2.1.1 Test Result

Band: 13 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	64QAM	779.5	25	0	4.592	Pass
		782	25	0	4.552	Pass
		784.5	25	0	4.577	Pass
10	64QAM	782	50	0	9.008	Pass



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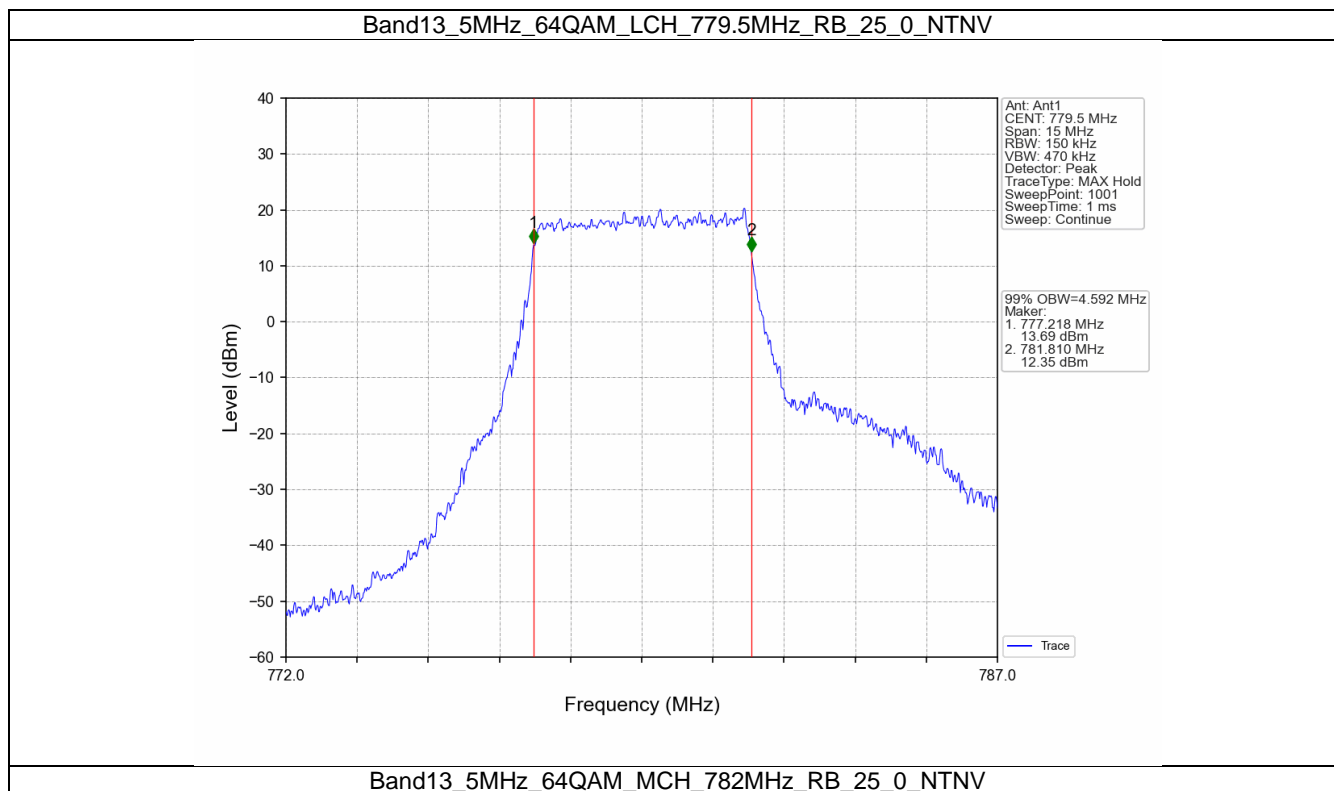
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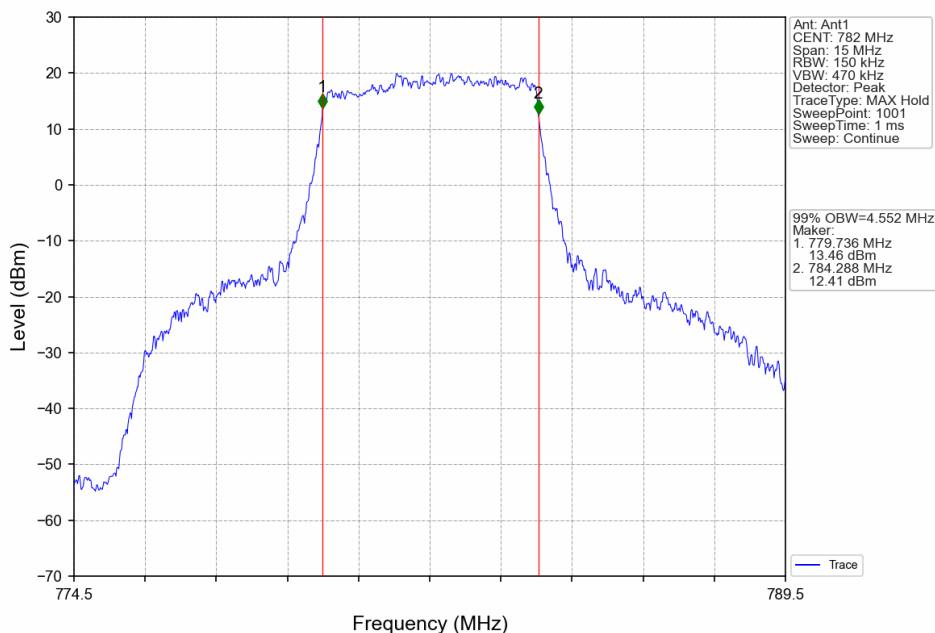
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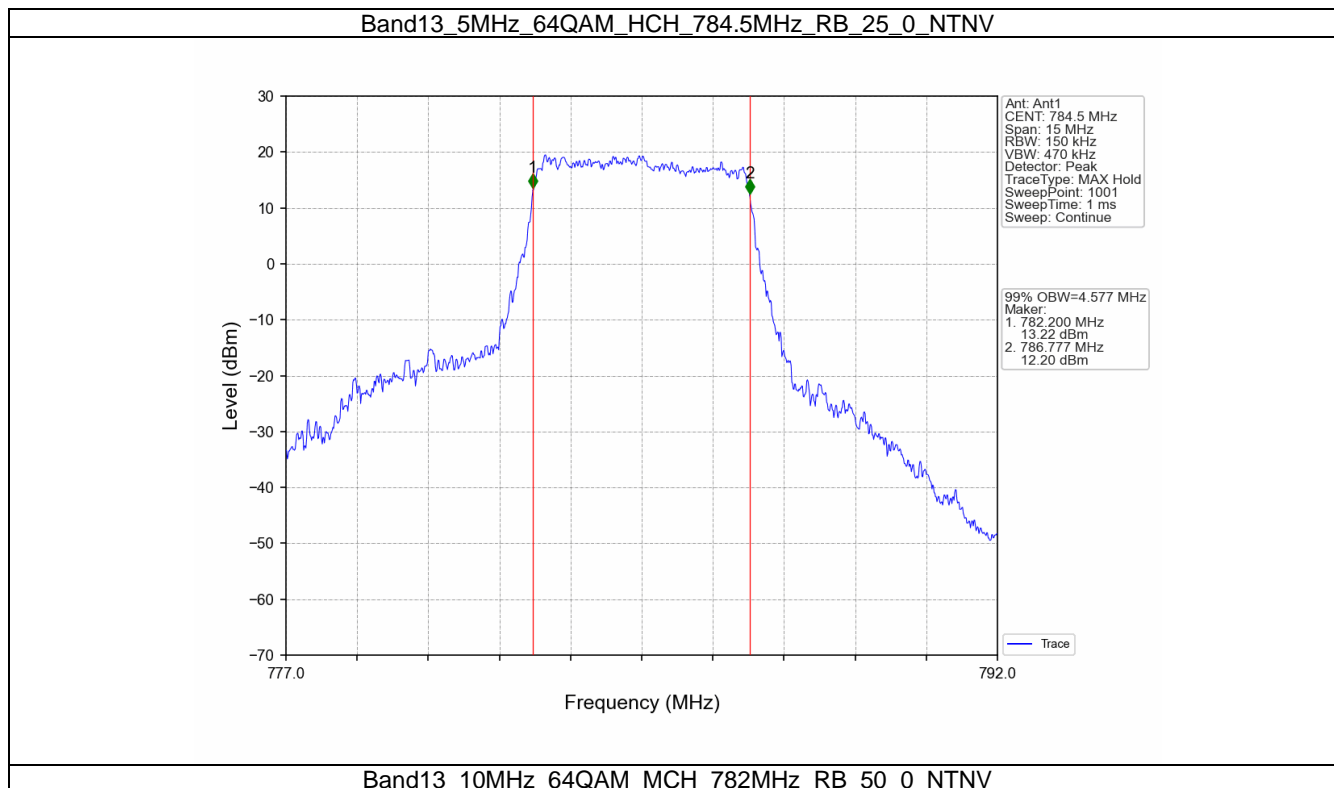
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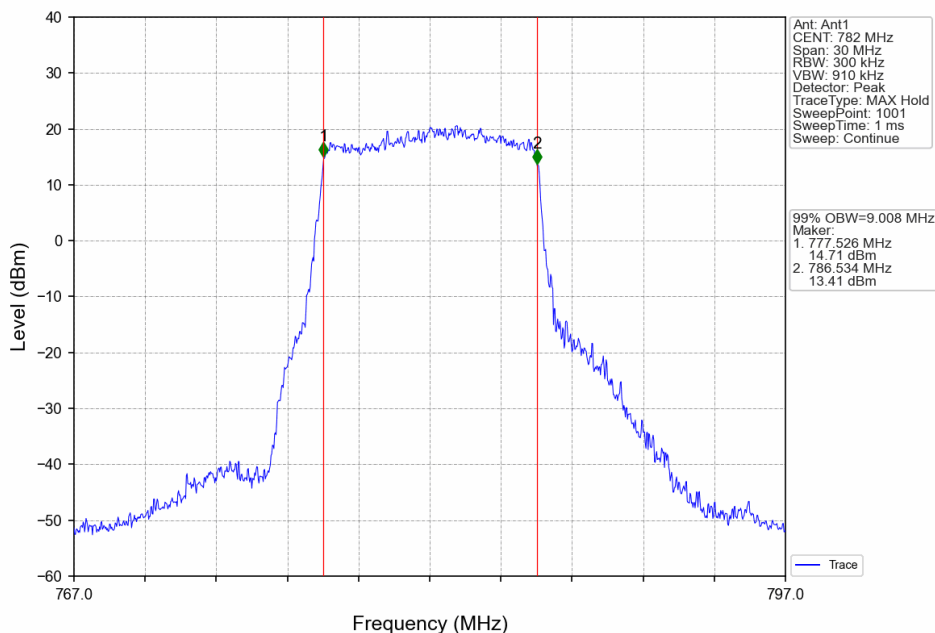
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2.1.2 Test Graph











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2.2 Band13_XDB

2.2.1 Test Result

Band: 13 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	64QAM	779.5	25	0	5.432	Pass
		782	25	0	5.409	Pass
		784.5	25	0	5.478	Pass
10	64QAM	782	50	0	9.983	Pass



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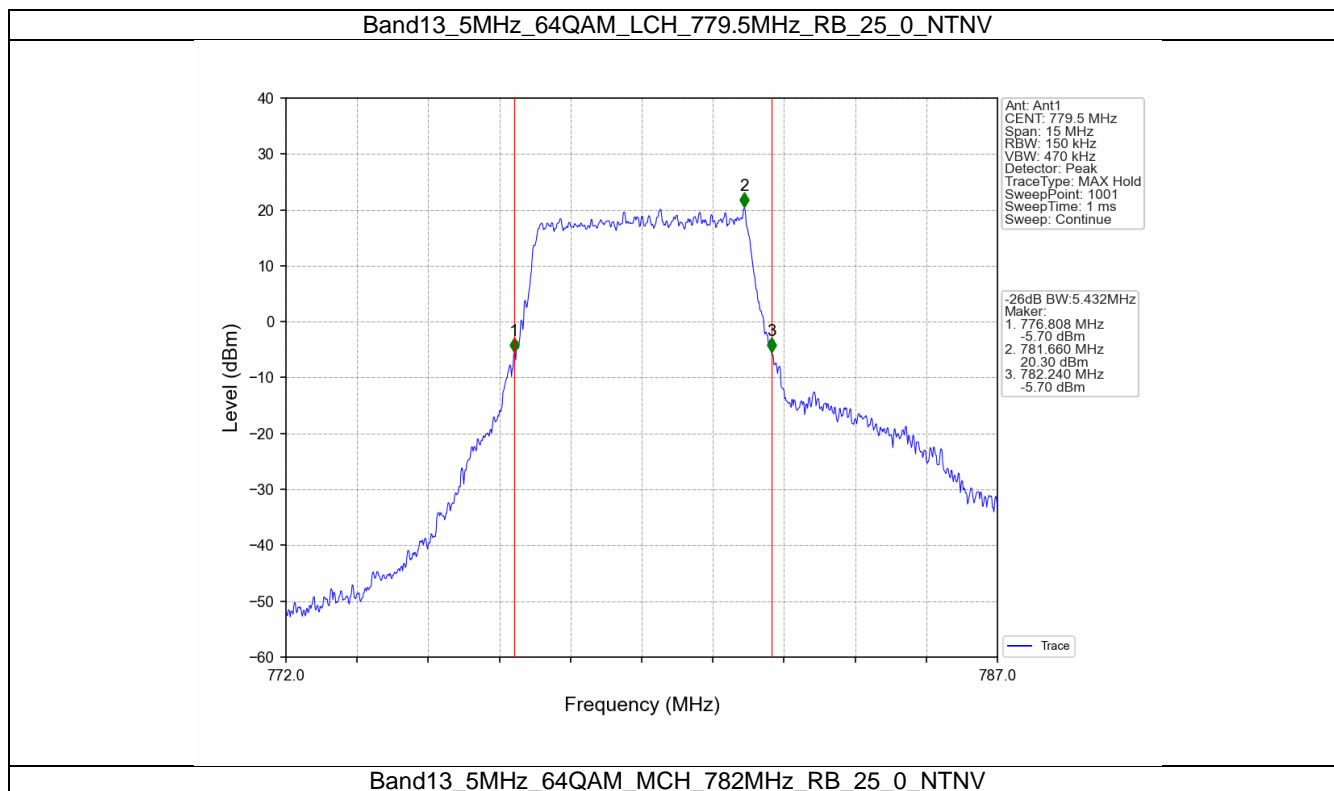
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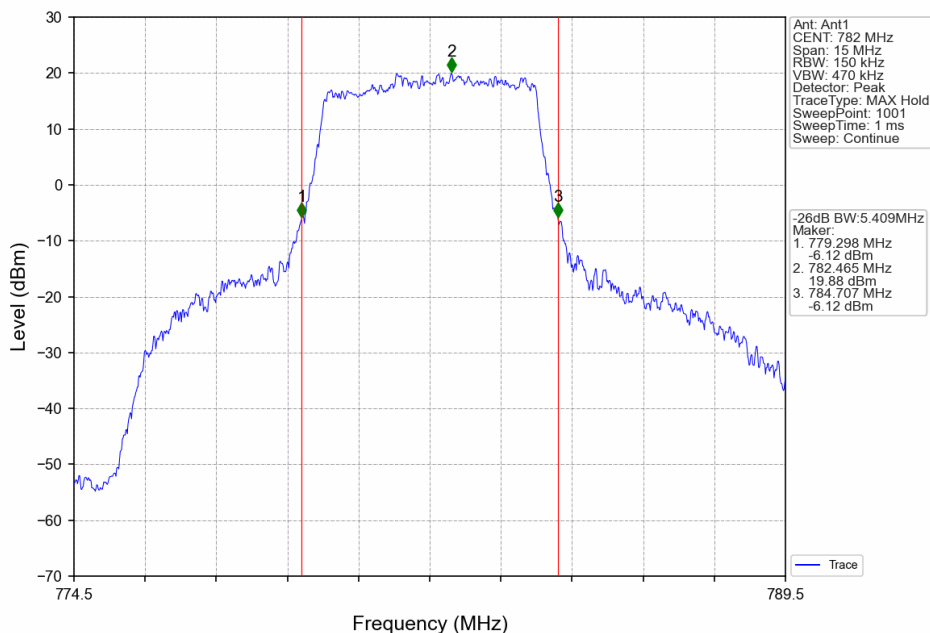
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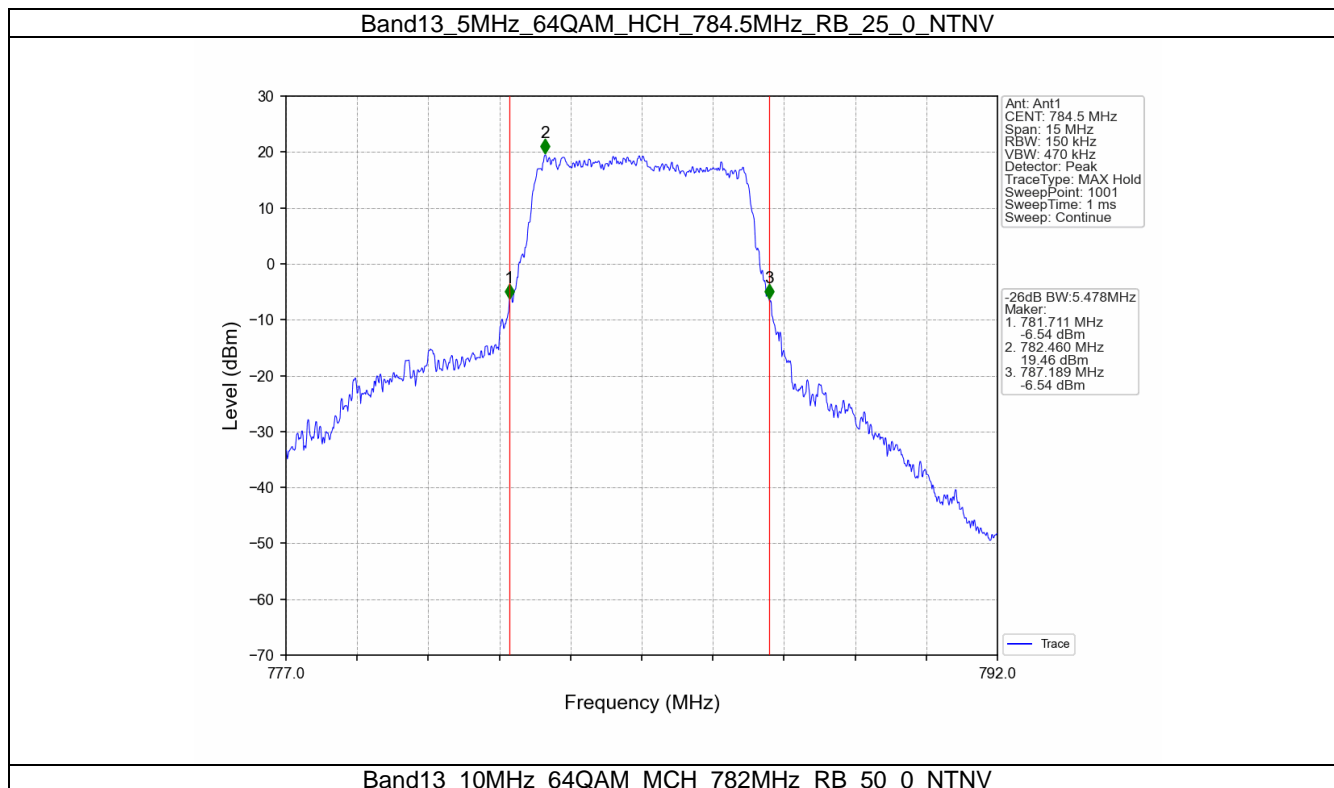
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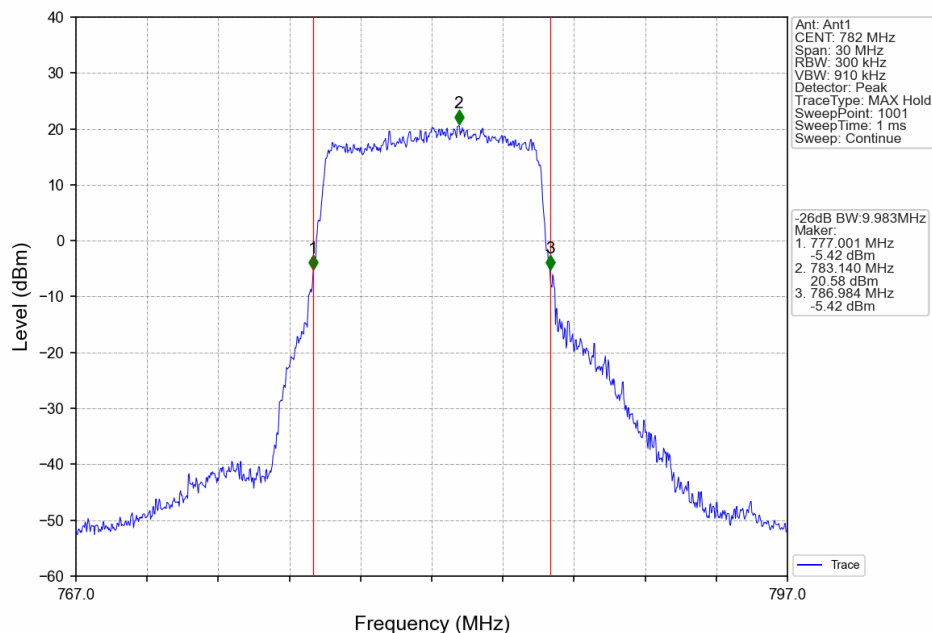
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2.2.2 Test Graph









3. 99% & 26dB Bandwidth

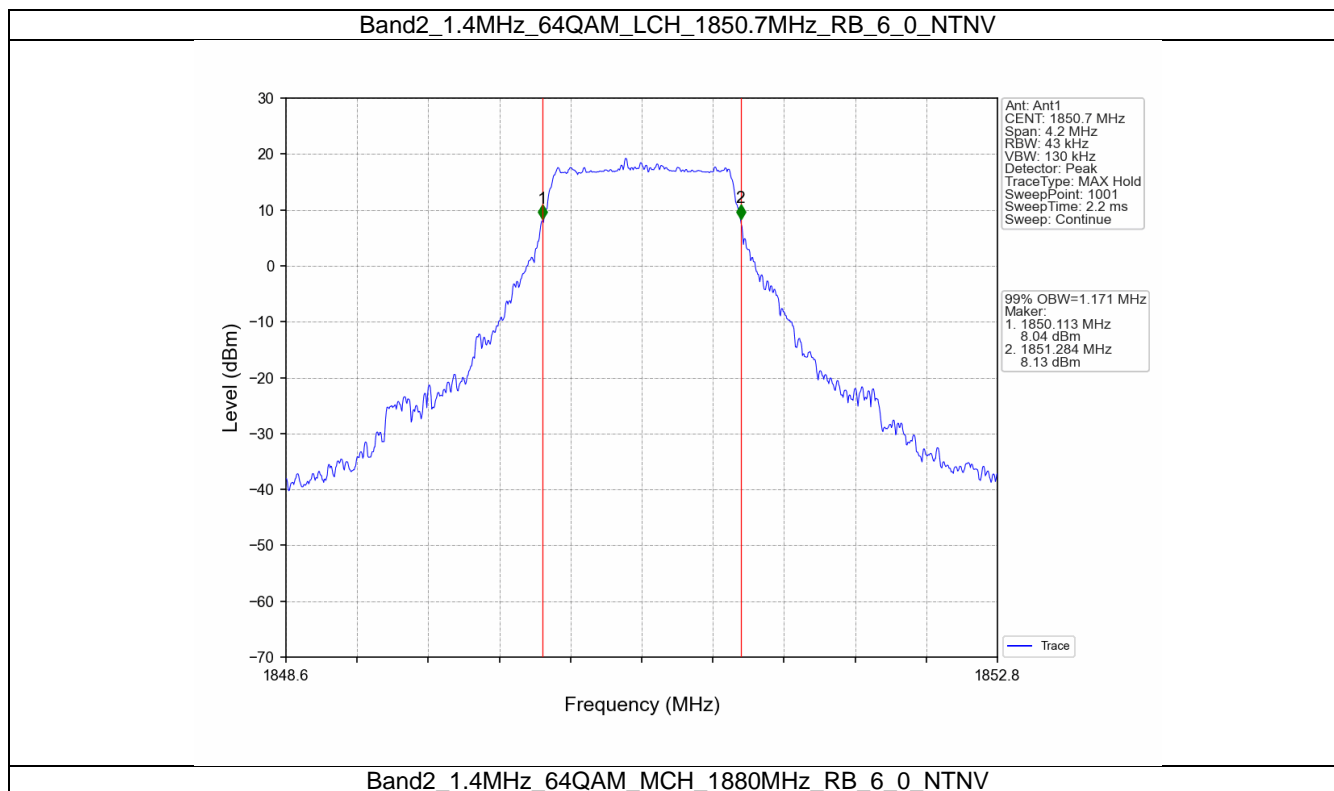
3.1 Band2_OBW

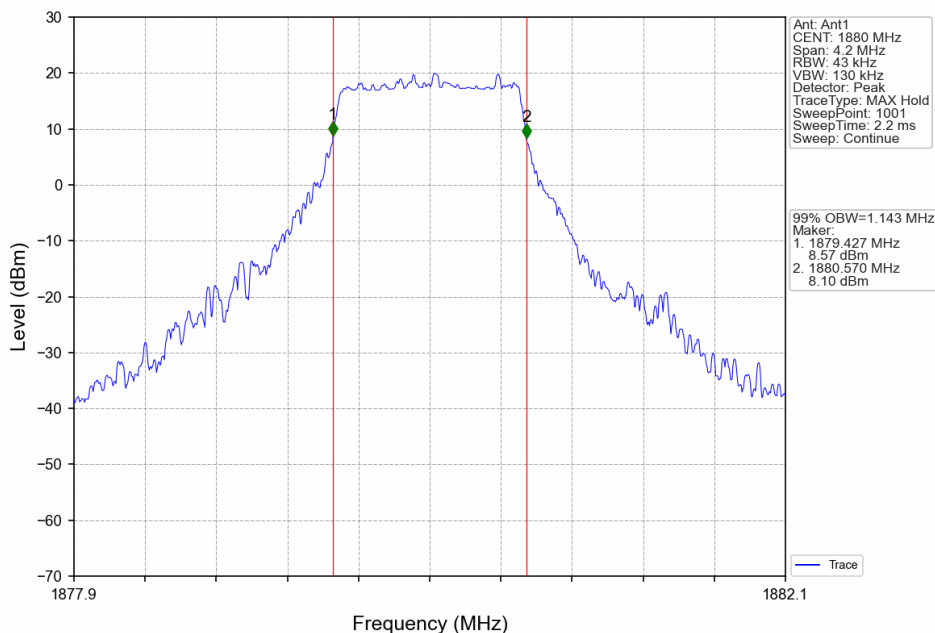
3.1.1 Test Result

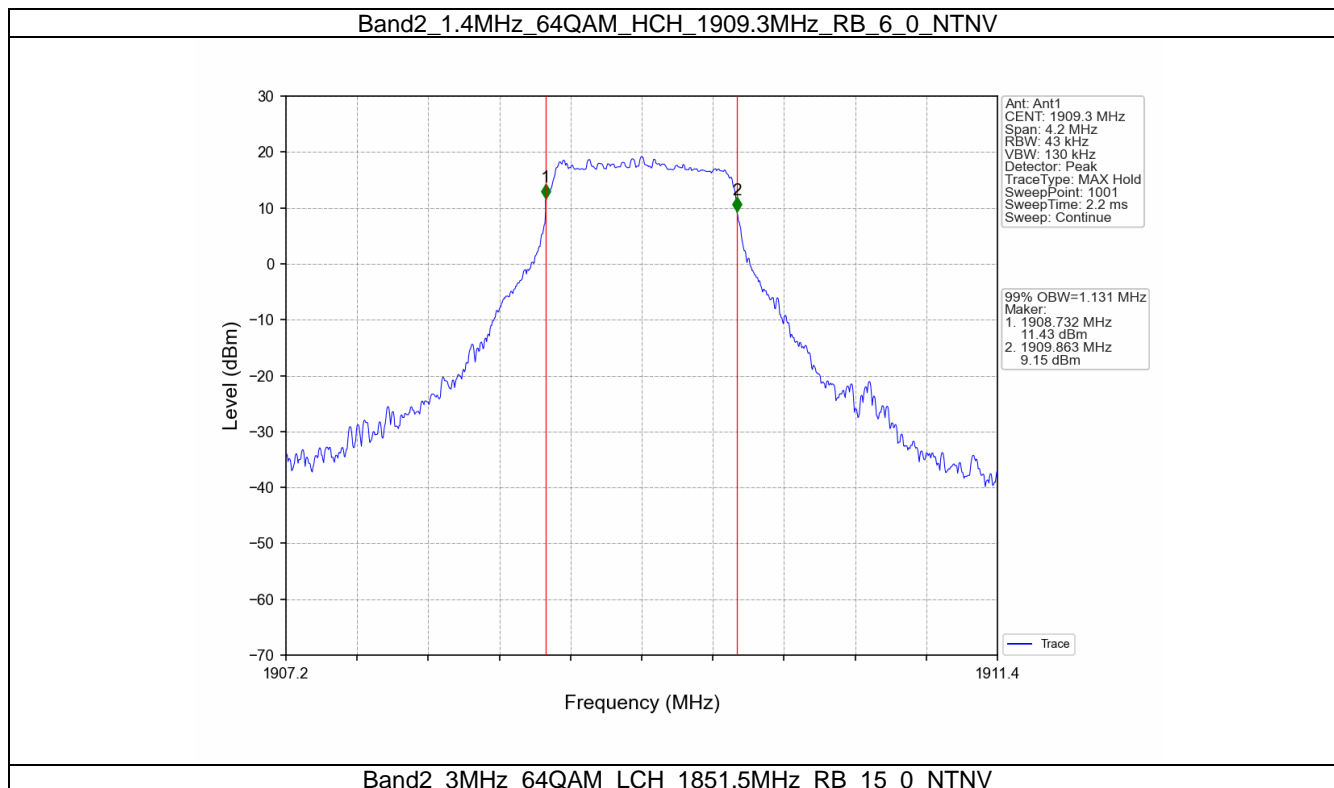
Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	64QAM	1850.7	6	0	1.171	Pass
		1880	6	0	1.143	Pass
		1909.3	6	0	1.131	Pass
3	64QAM	1851.5	15	0	2.780	Pass
		1880	15	0	2.760	Pass
		1908.5	15	0	2.780	Pass
5	64QAM	1852.5	25	0	4.571	Pass
		1880	25	0	4.576	Pass
		1907.5	25	0	4.600	Pass
10	64QAM	1855	50	0	9.043	Pass
		1880	50	0	9.052	Pass
		1905	50	0	9.045	Pass
15	64QAM	1857.5	75	0	13.519	Pass
		1880	75	0	13.560	Pass
		1902.5	75	0	13.574	Pass
20	64QAM	1860	100	0	17.896	Pass
		1880	100	0	18.082	Pass
		1900	100	0	17.968	Pass

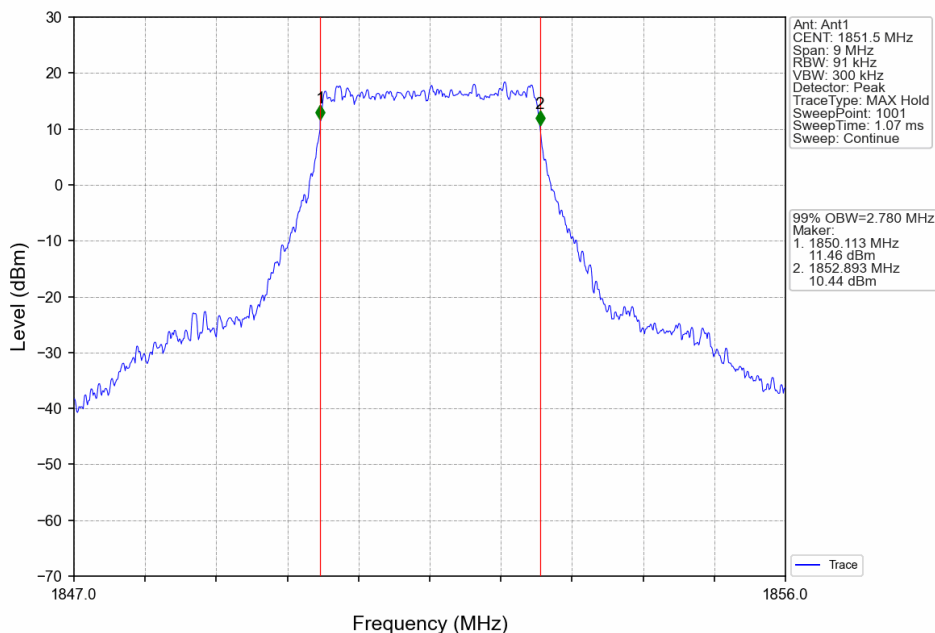


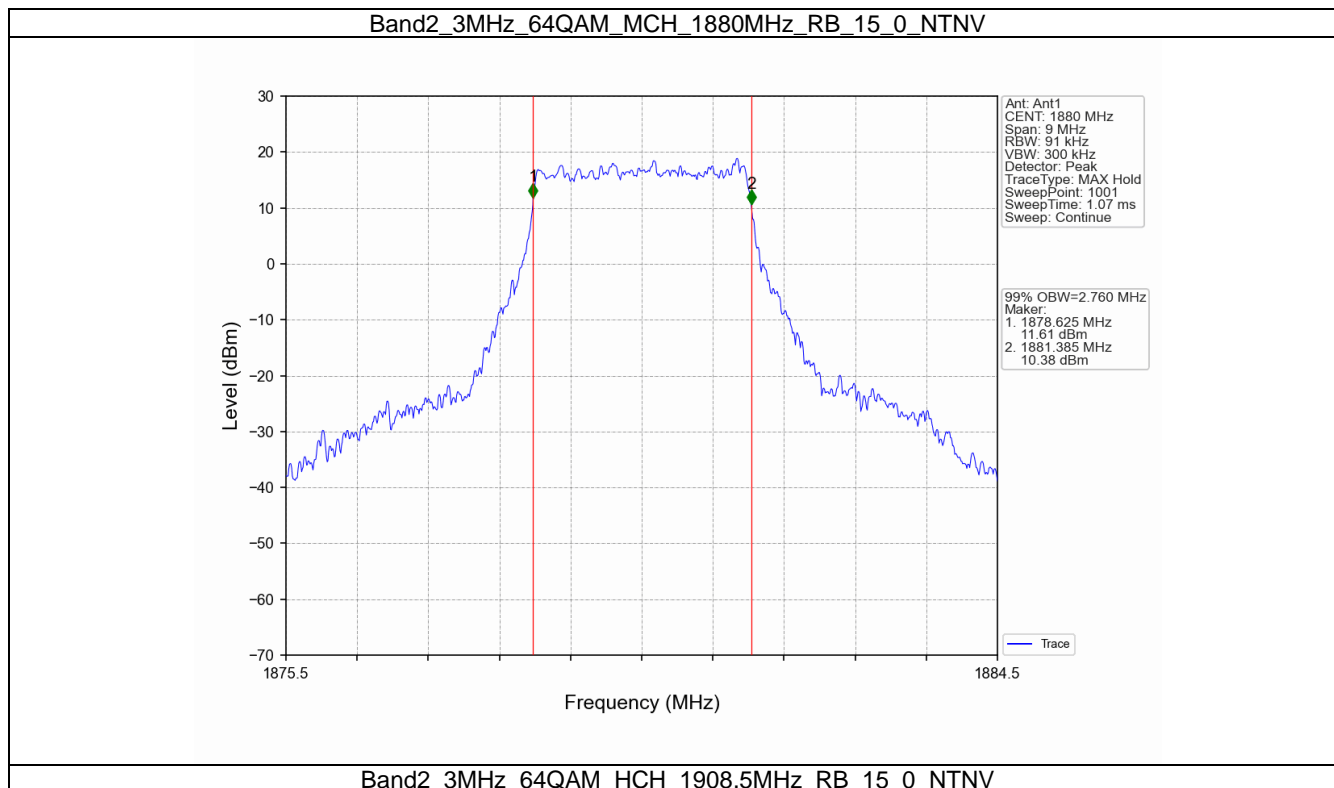
3.1.2 Test Graph

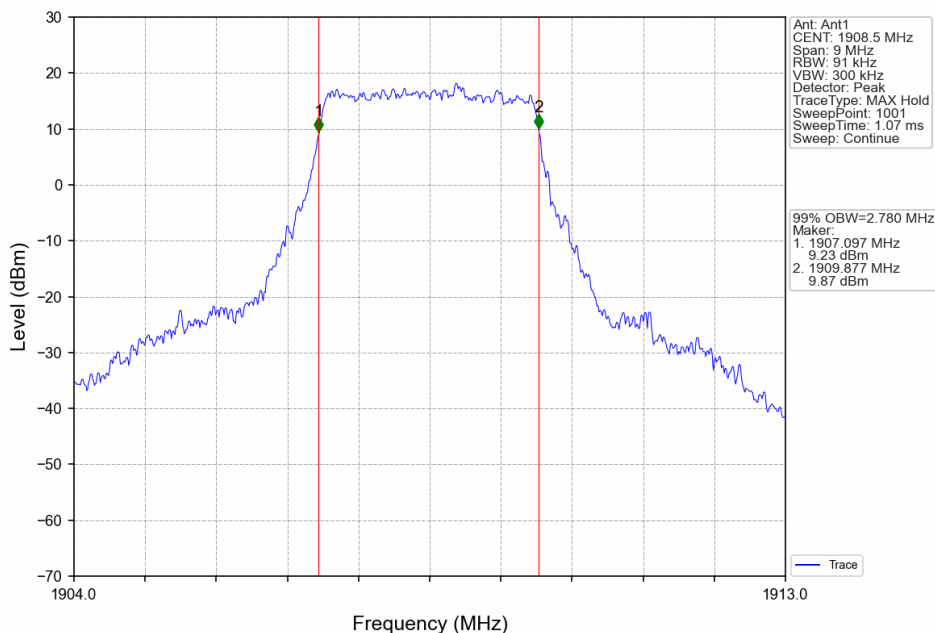


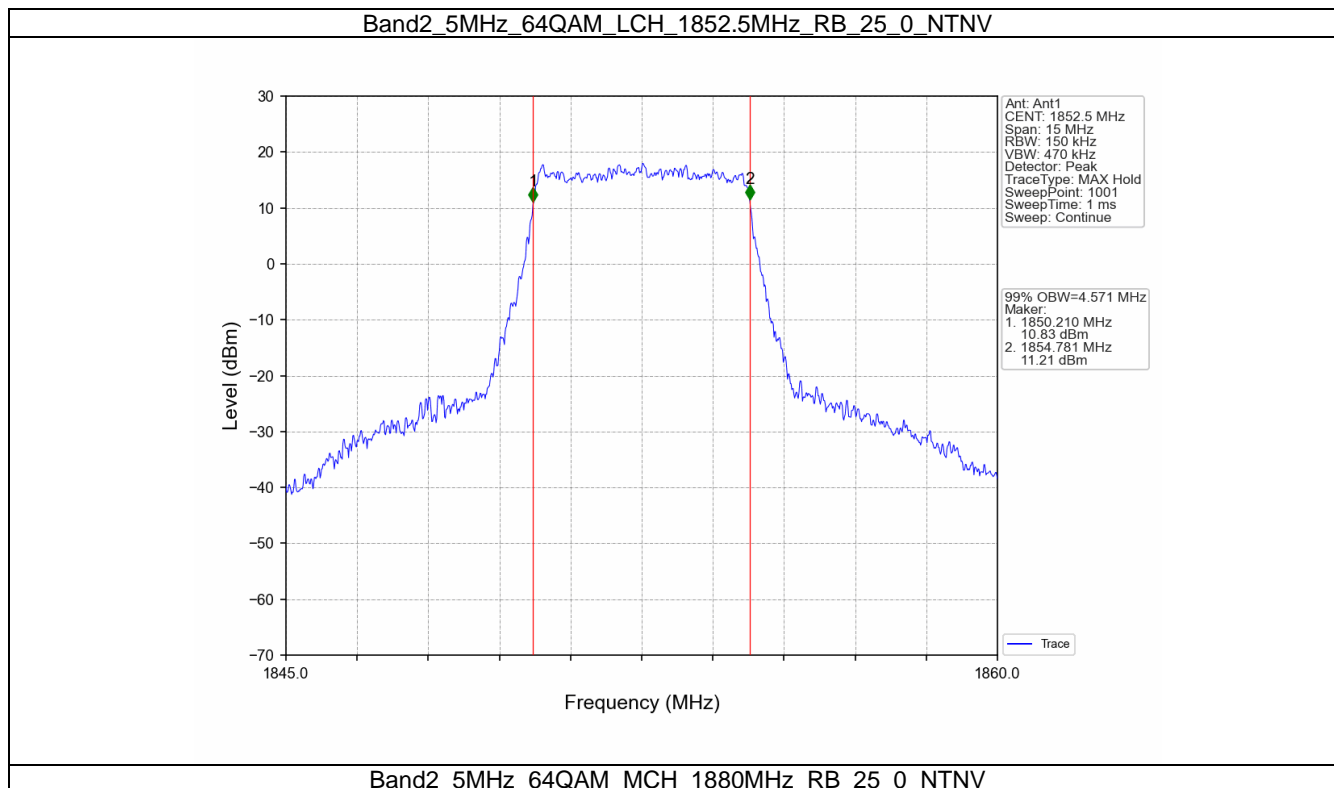


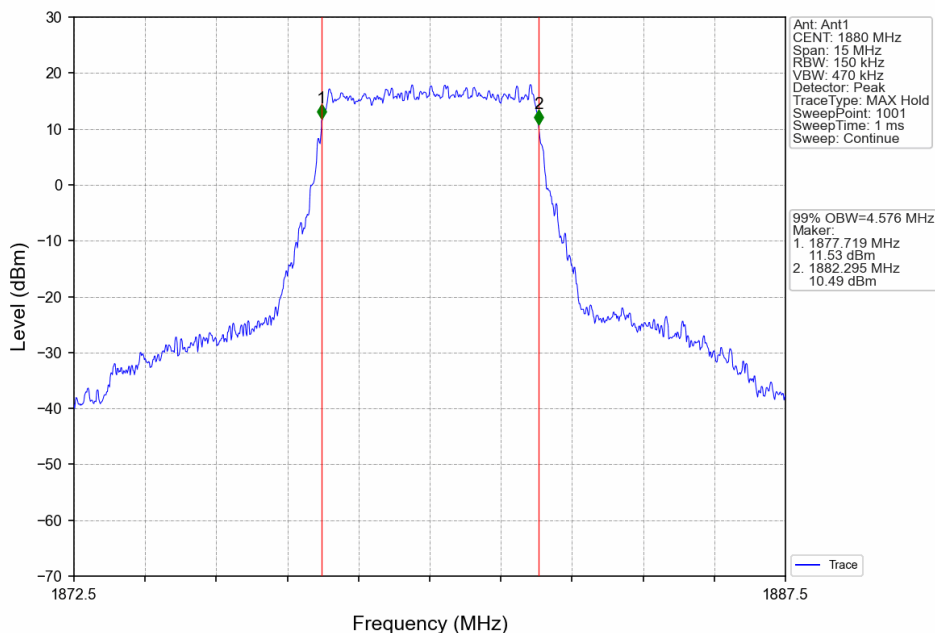


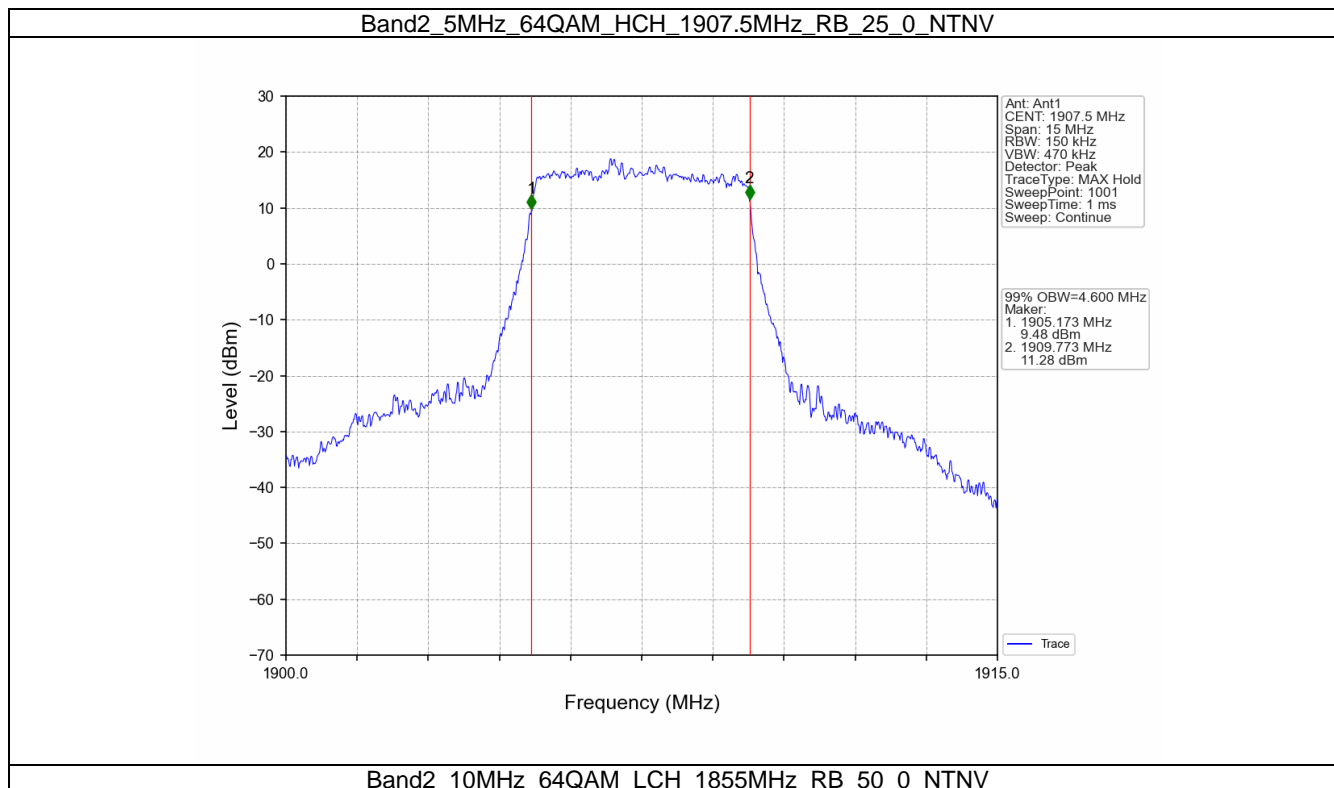


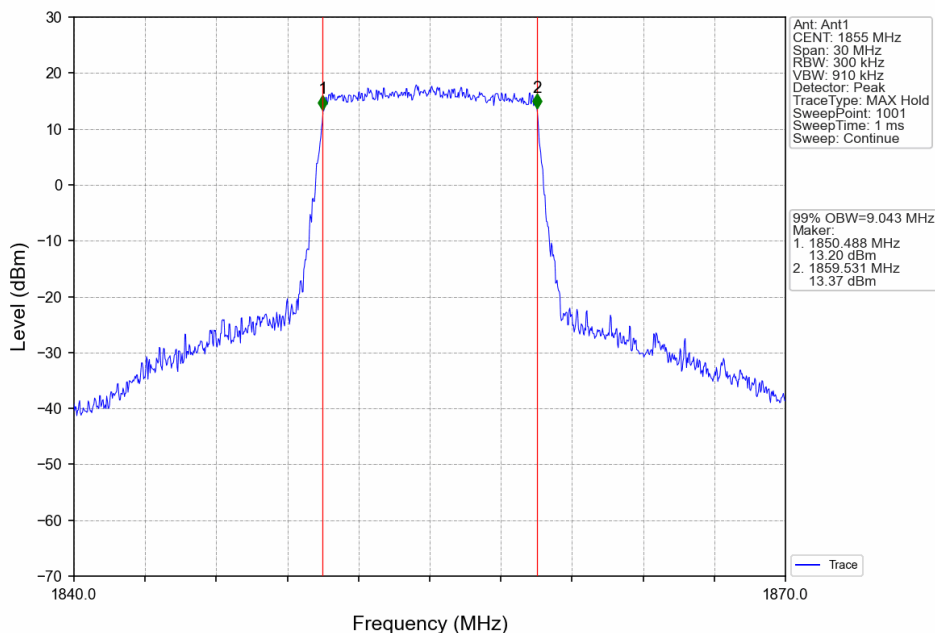


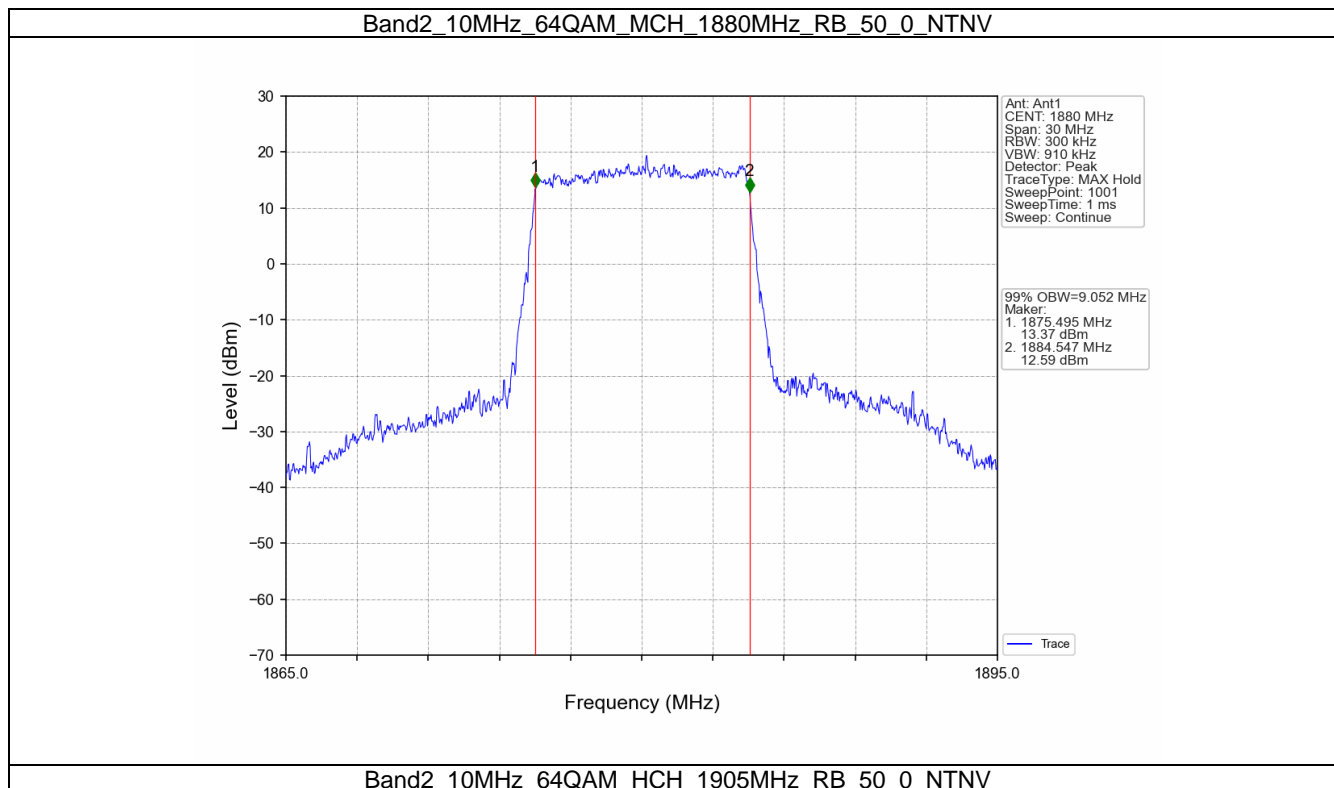


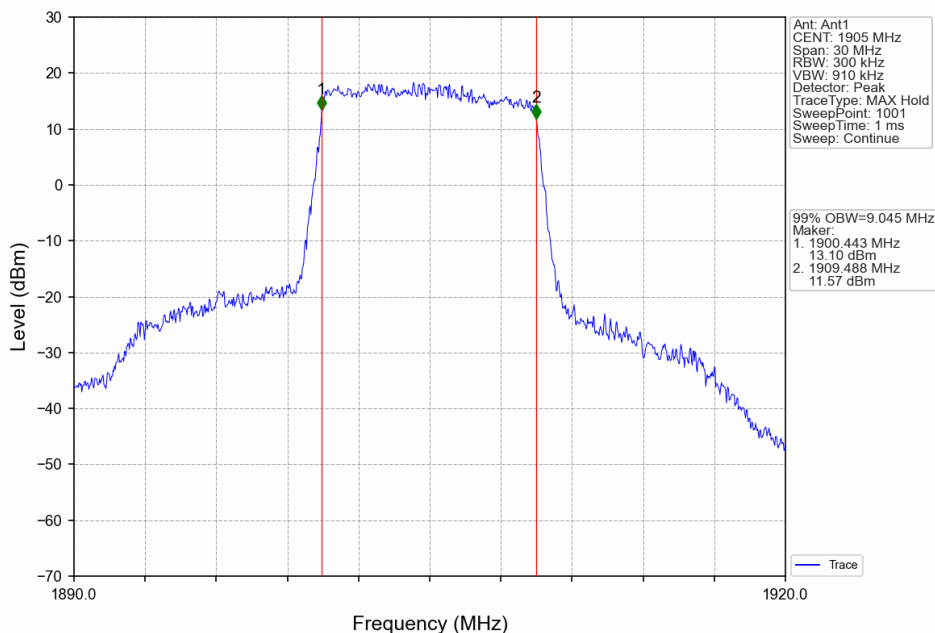


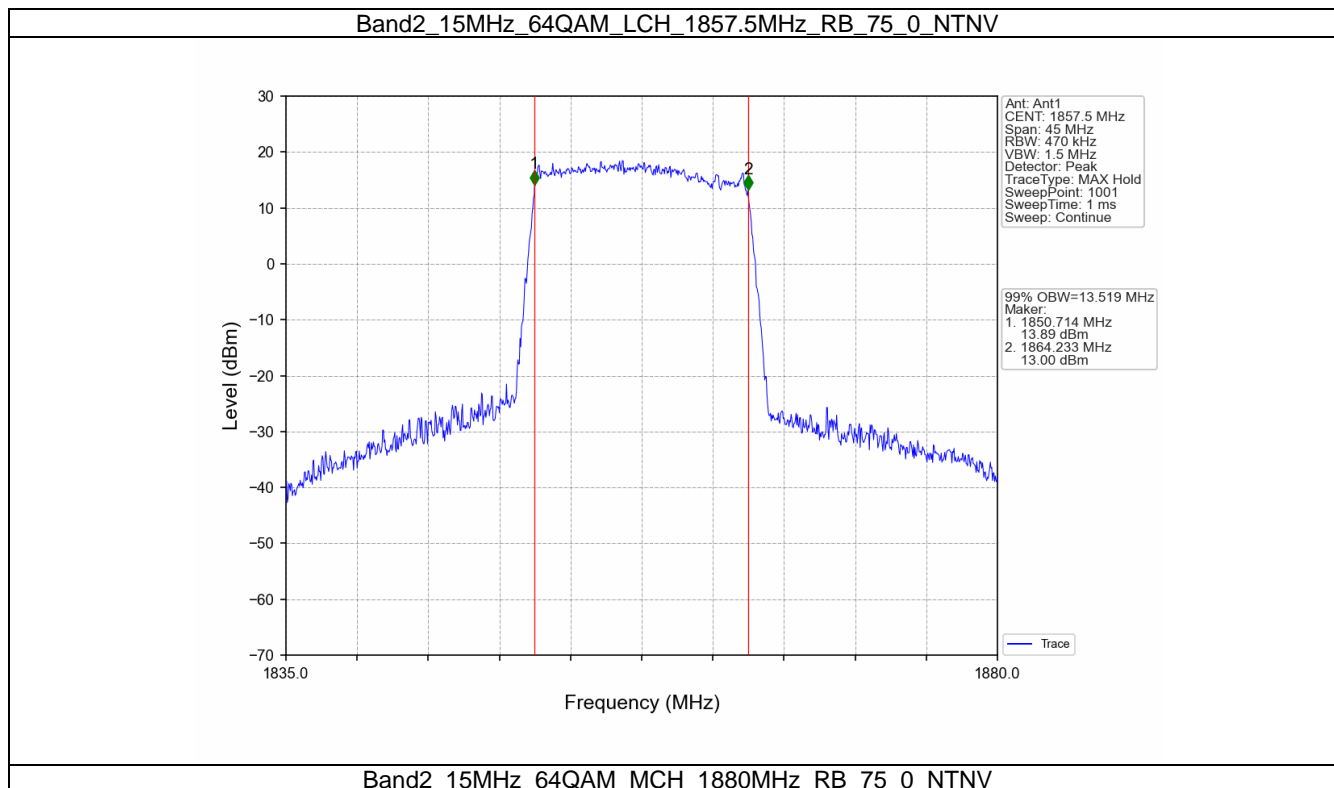


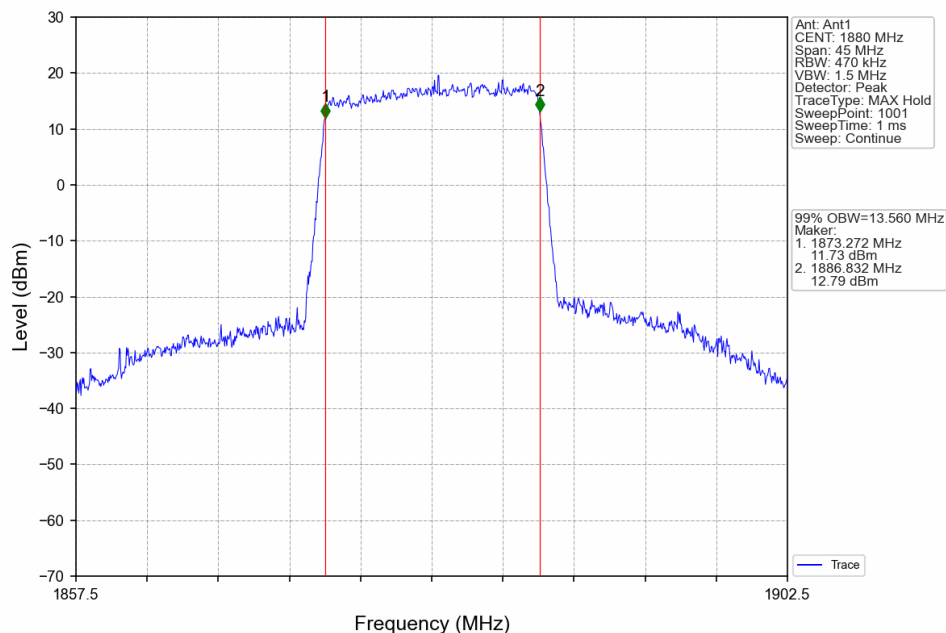


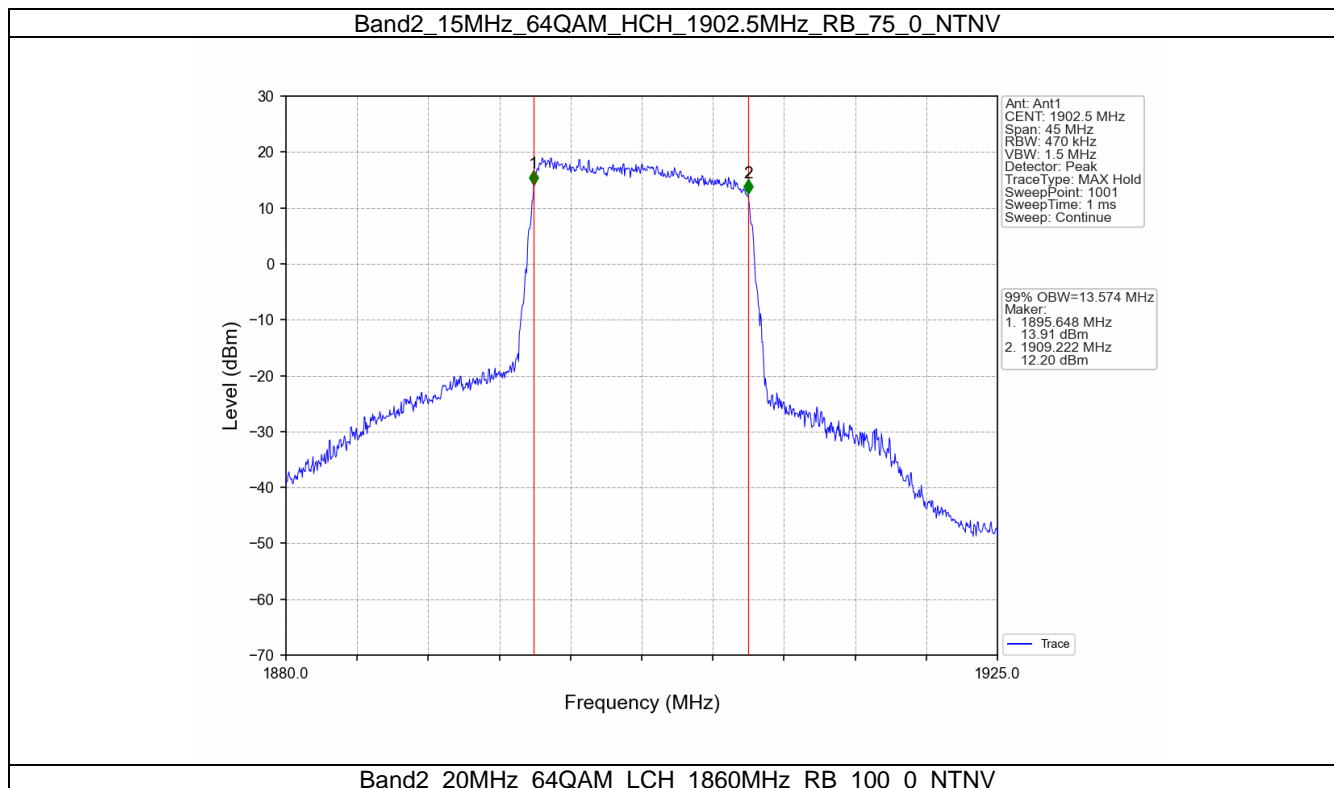


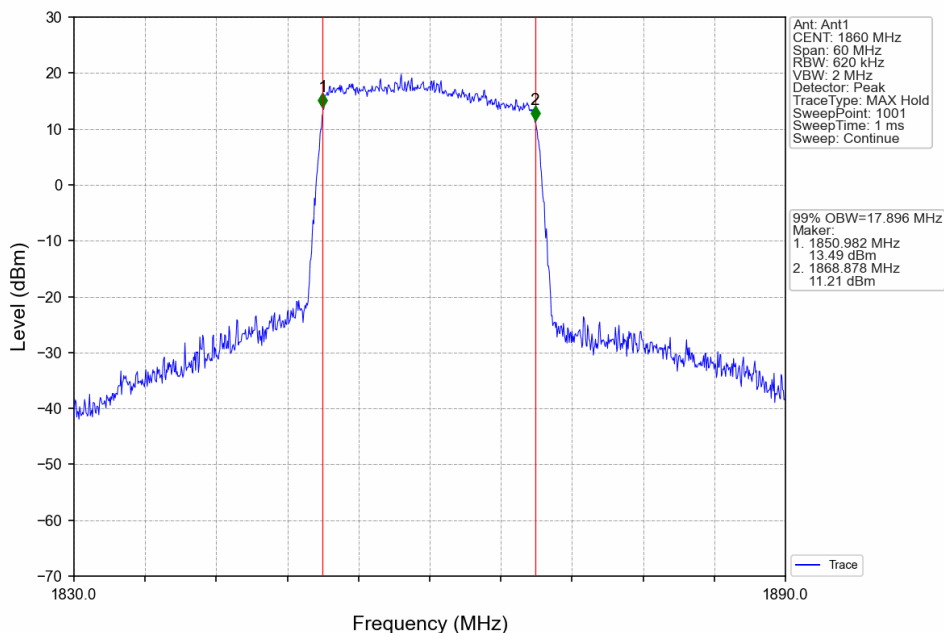


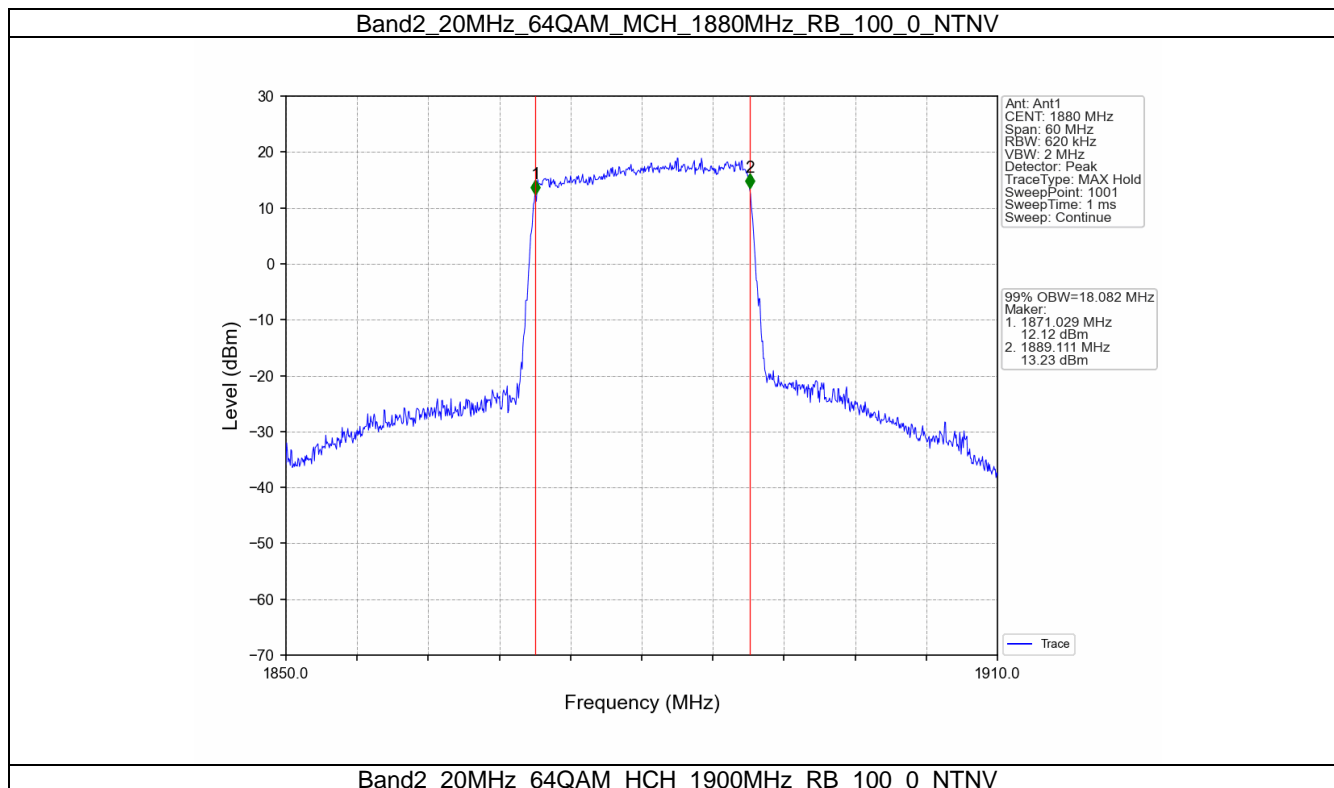


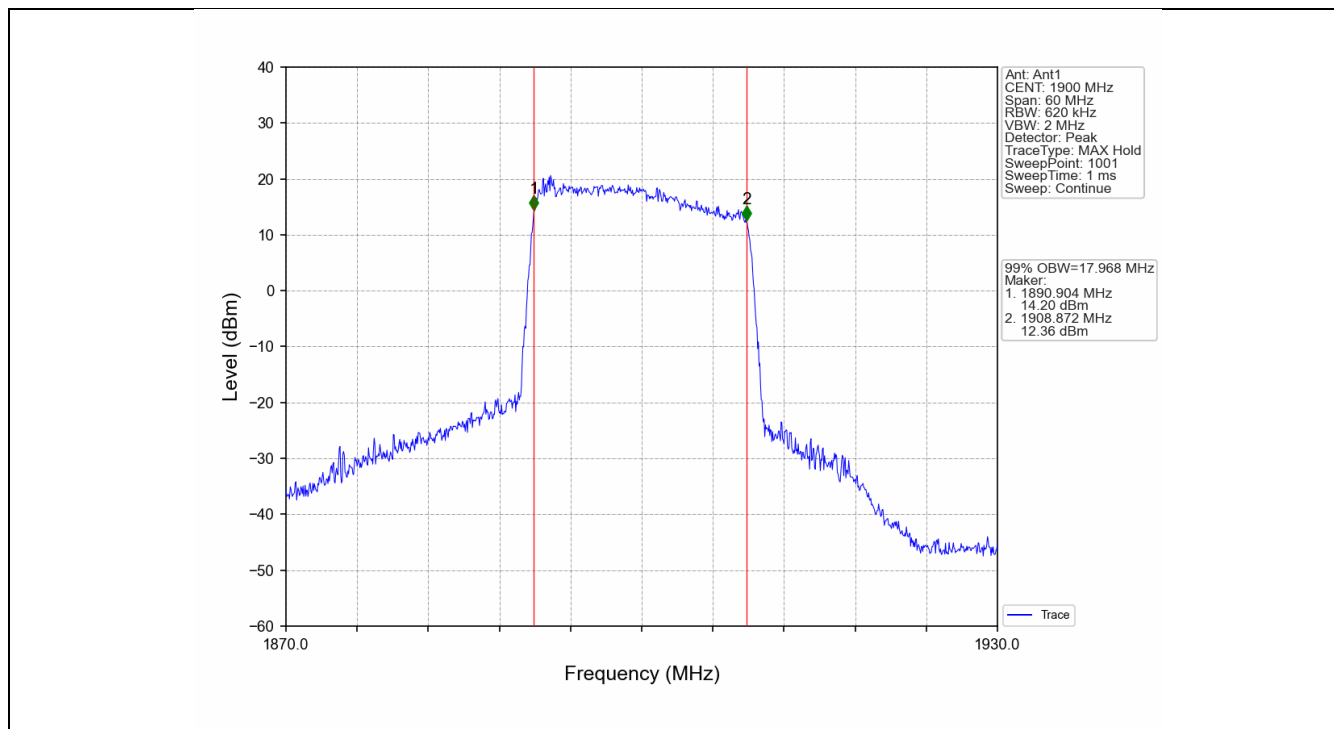












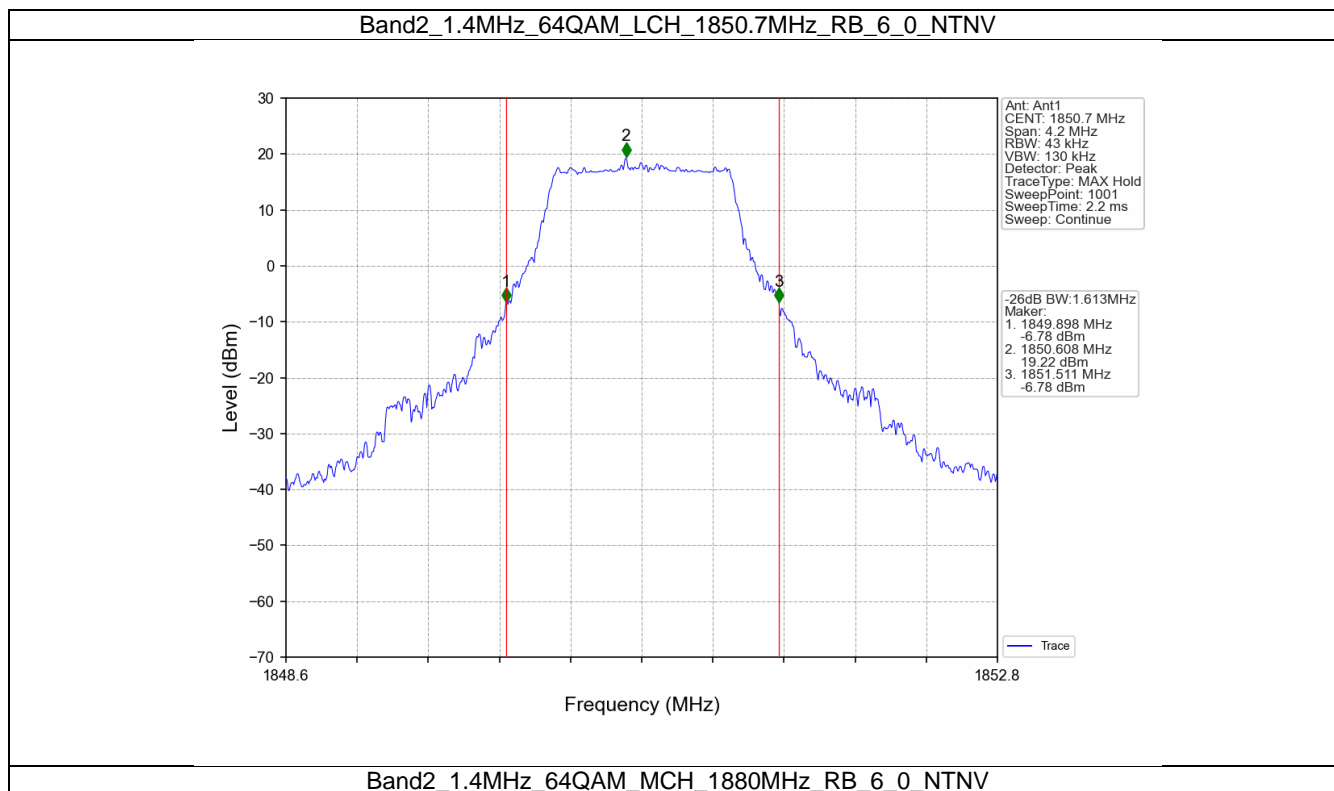
3.2 Band2_XDB

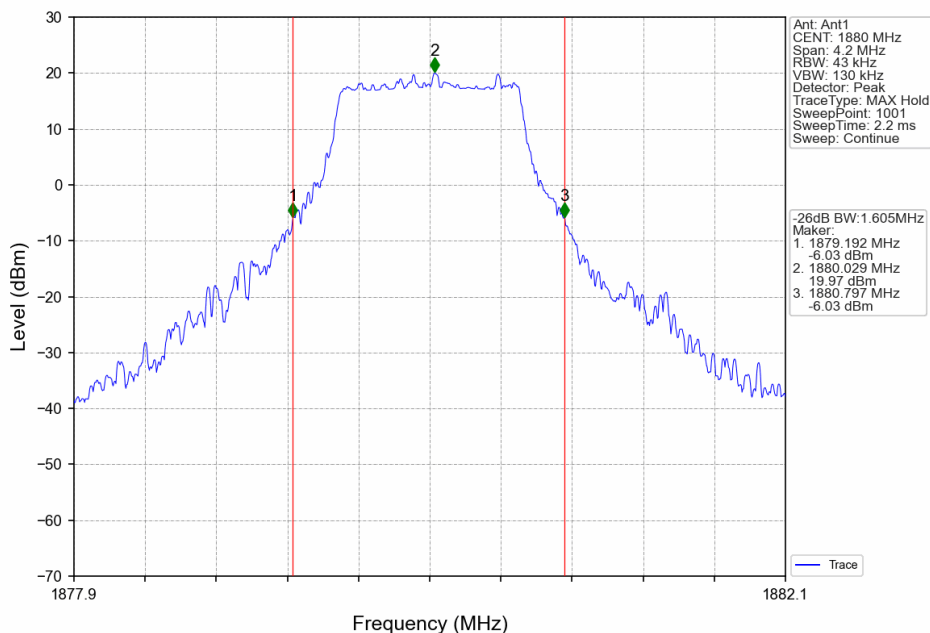
3.2.1 Test Result

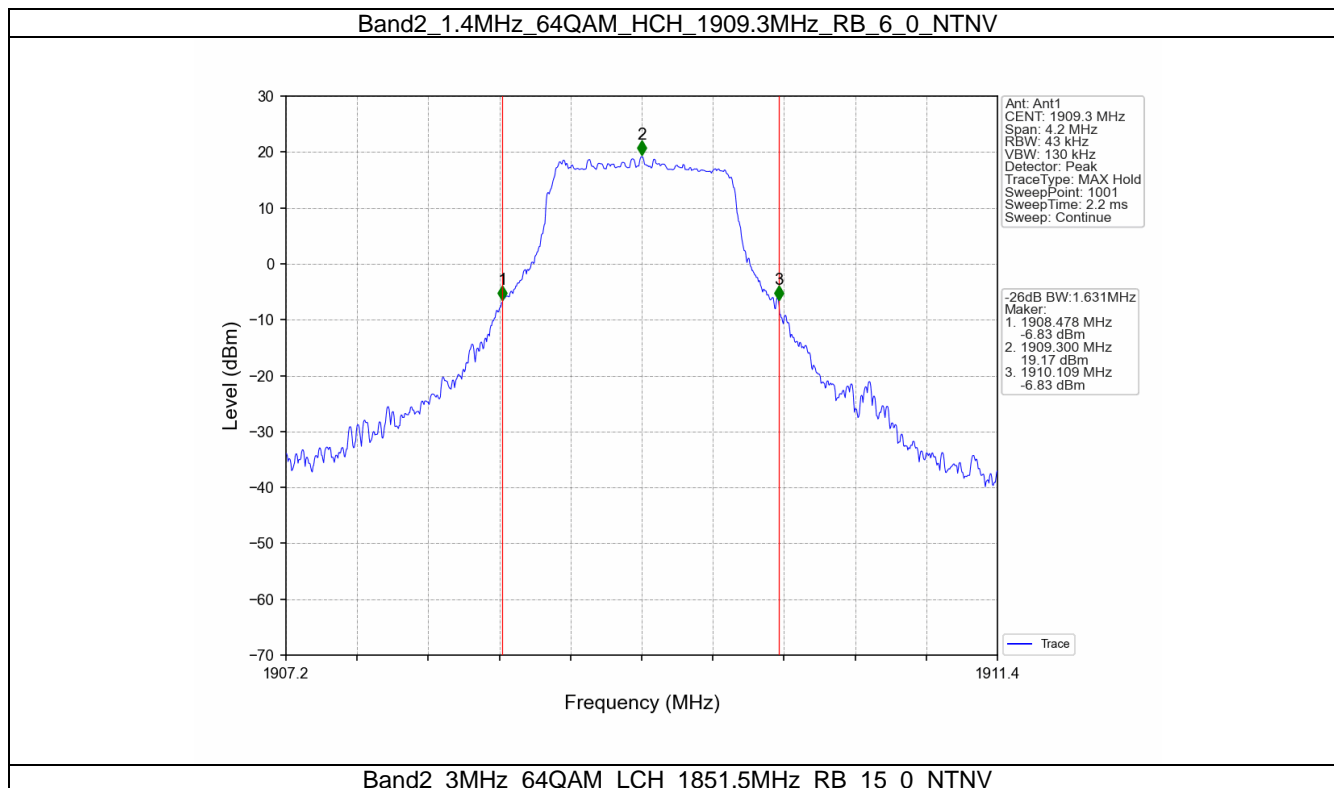
Band: 2 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	64QAM	1850.7	6	0	1.613	Pass
		1880	6	0	1.605	Pass
		1909.3	6	0	1.631	Pass
3	64QAM	1851.5	15	0	3.461	Pass
		1880	15	0	3.448	Pass
		1908.5	15	0	3.572	Pass
5	64QAM	1852.5	25	0	5.461	Pass
		1880	25	0	5.486	Pass
		1907.5	25	0	5.386	Pass
10	64QAM	1855	50	0	10.092	Pass
		1880	50	0	10.057	Pass
		1905	50	0	10.129	Pass
15	64QAM	1857.5	75	0	14.900	Pass
		1880	75	0	14.847	Pass
		1902.5	75	0	14.839	Pass
20	64QAM	1860	100	0	19.484	Pass
		1880	100	0	19.770	Pass
		1900	100	0	19.404	Pass

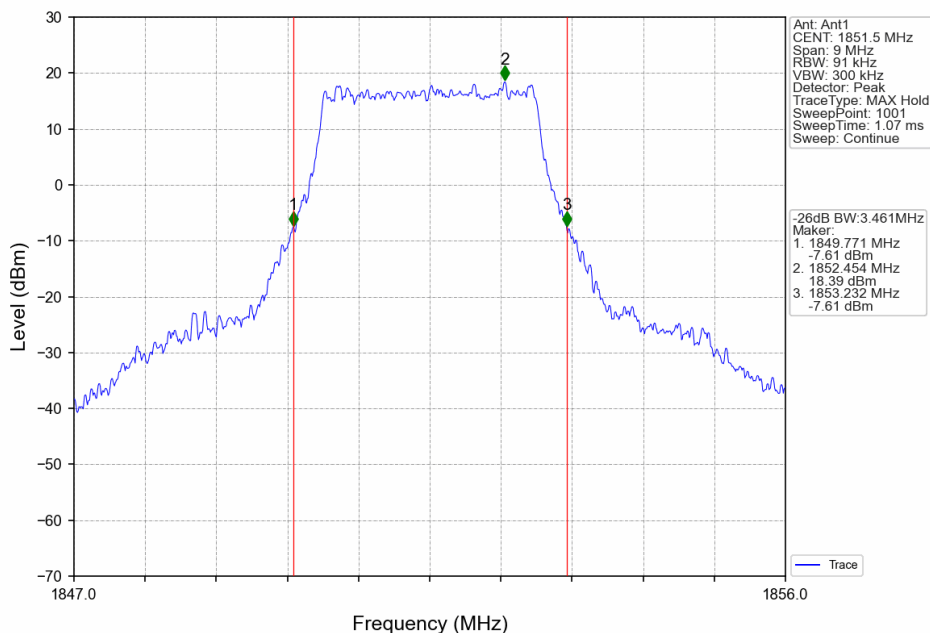


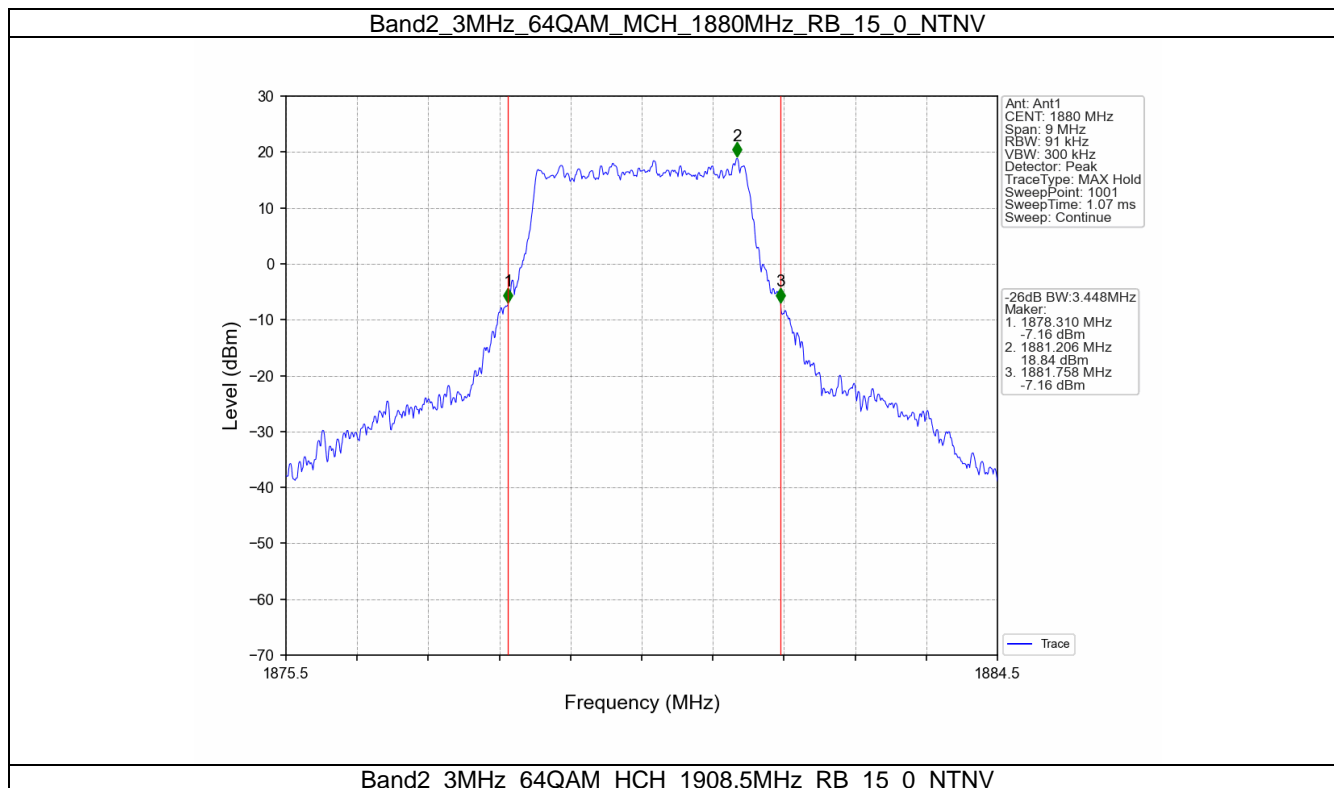
3.2.2 Test Graph

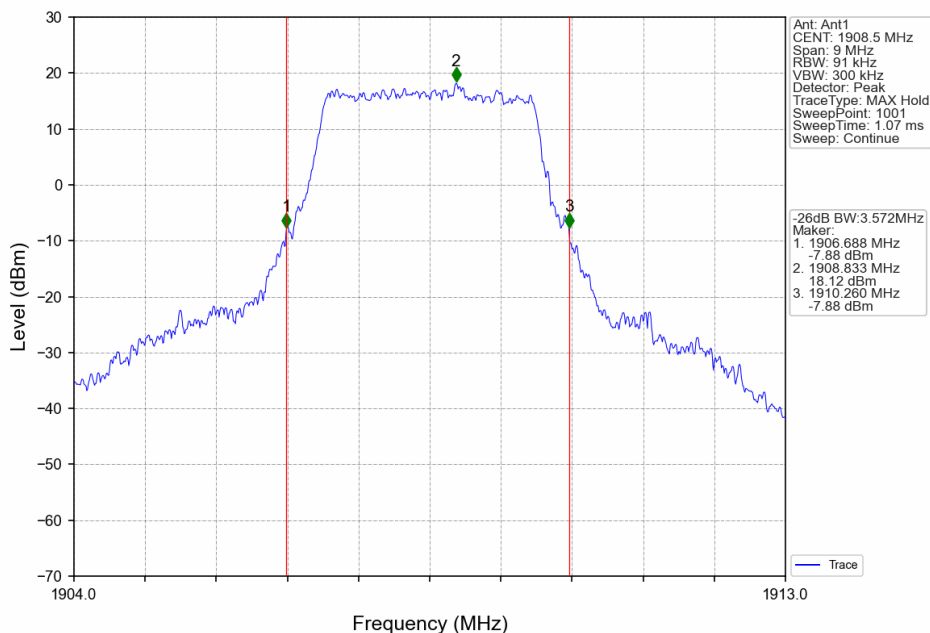


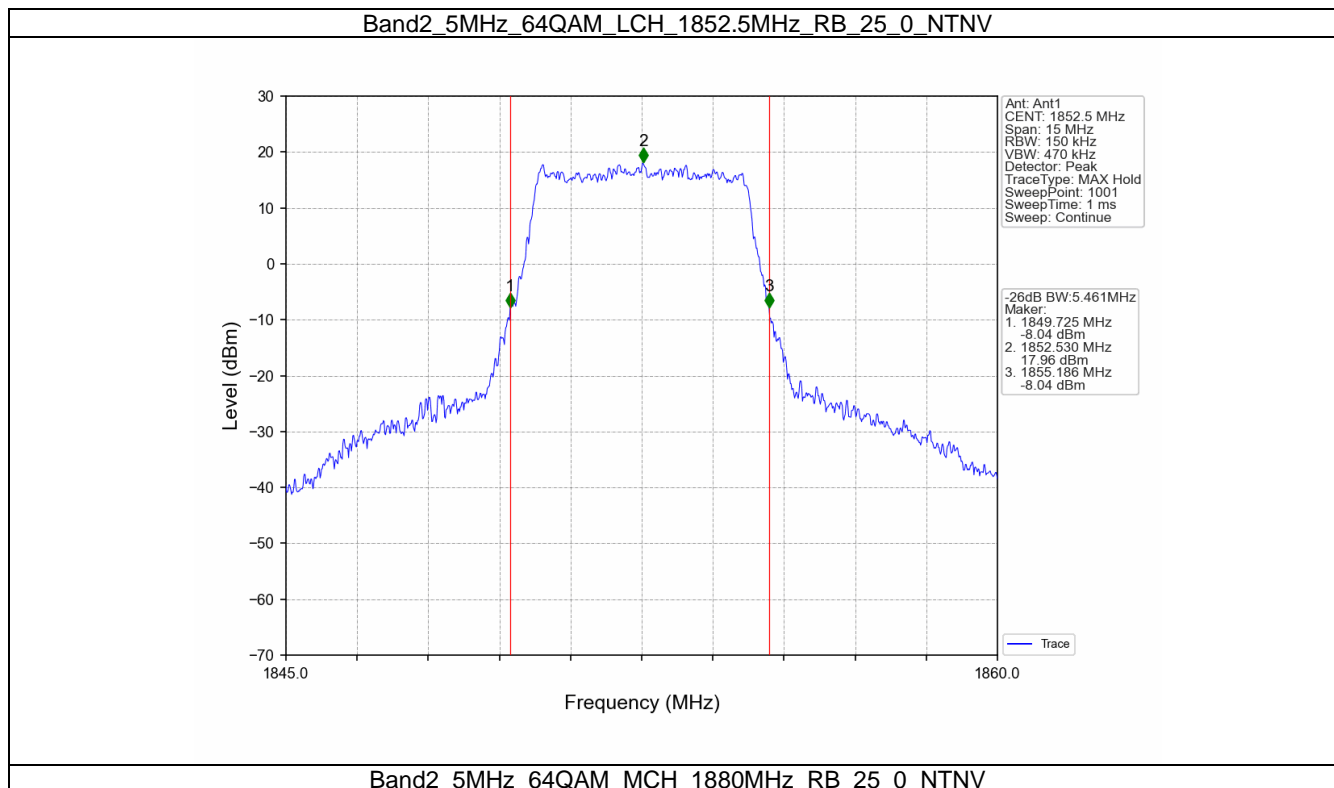


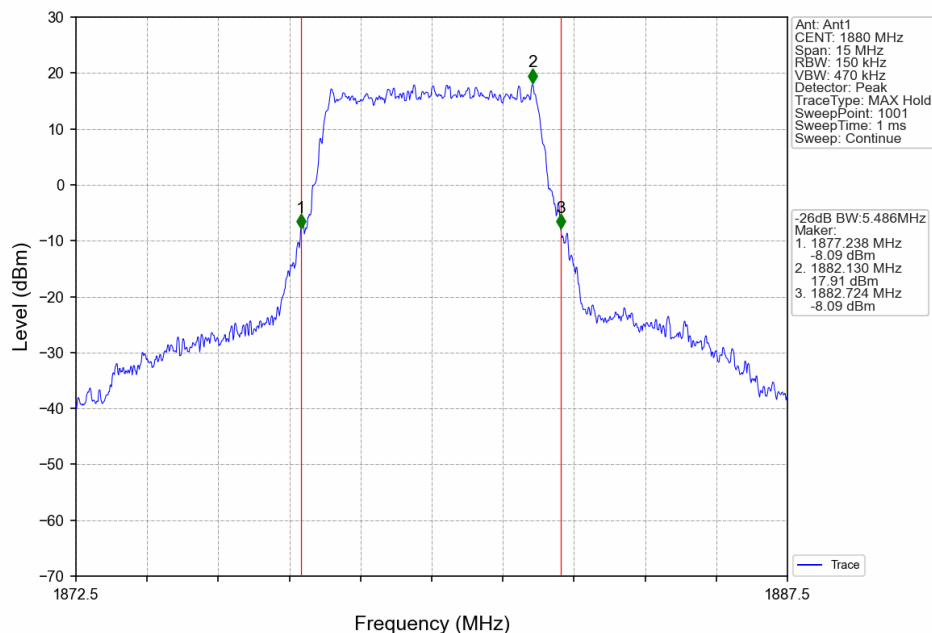


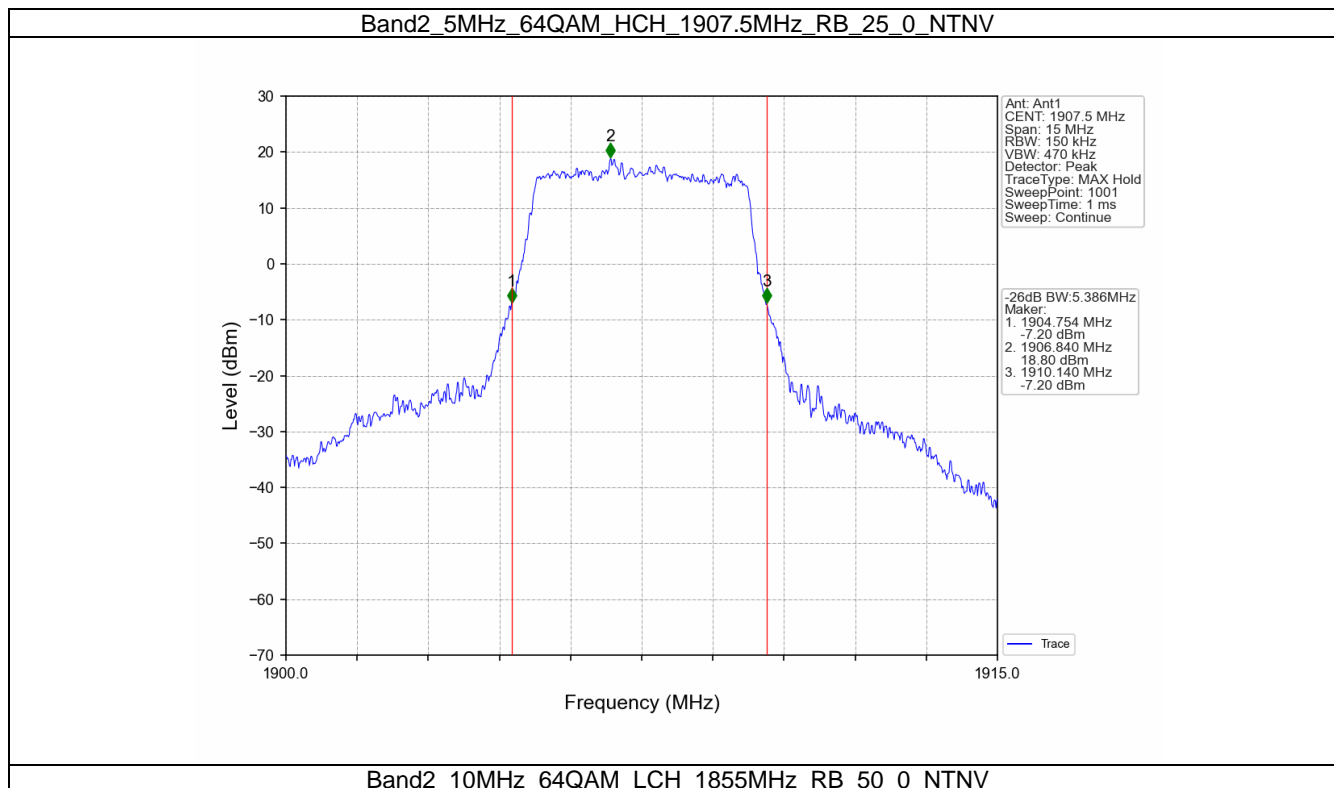


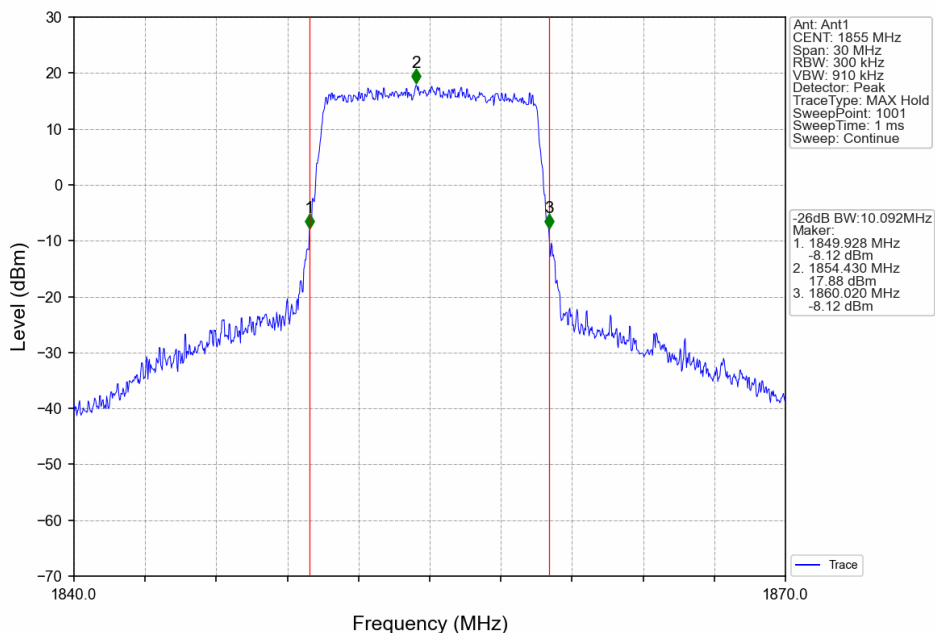


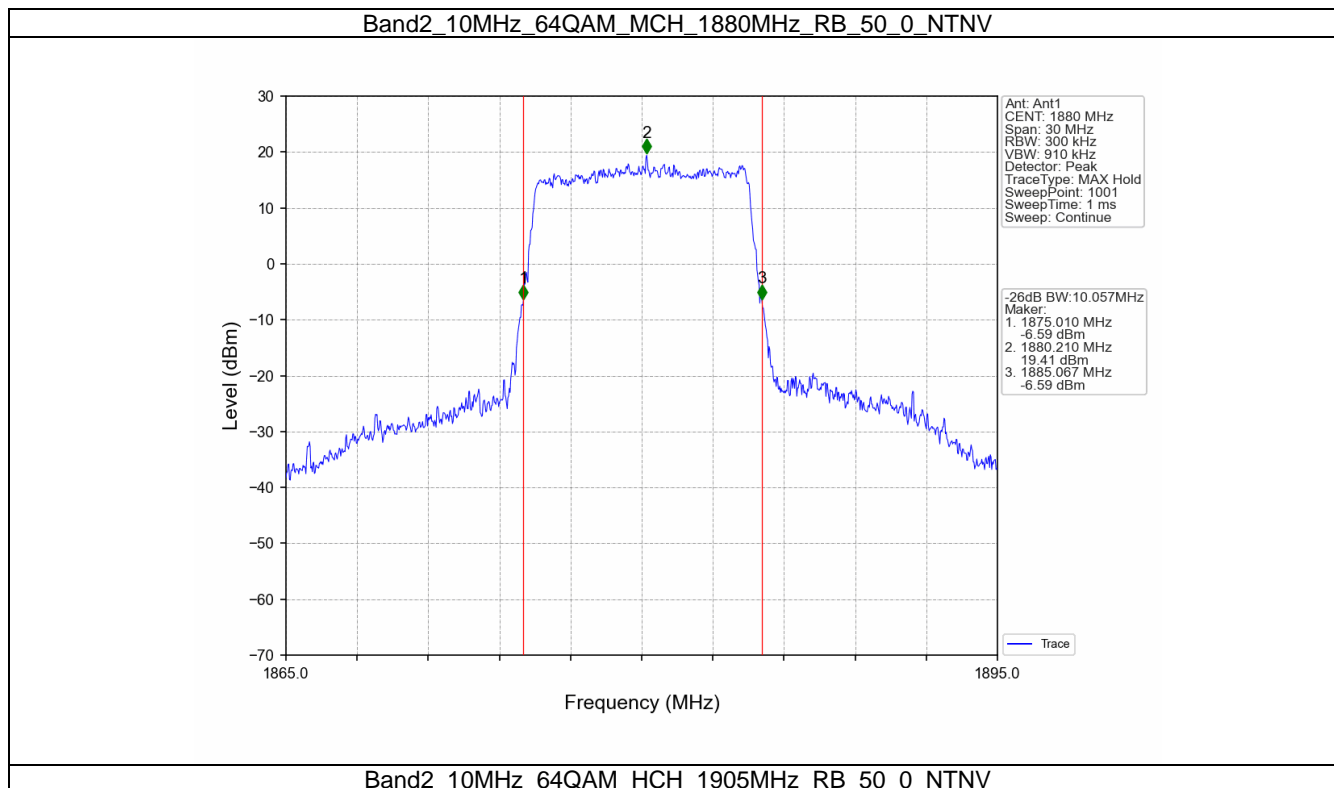


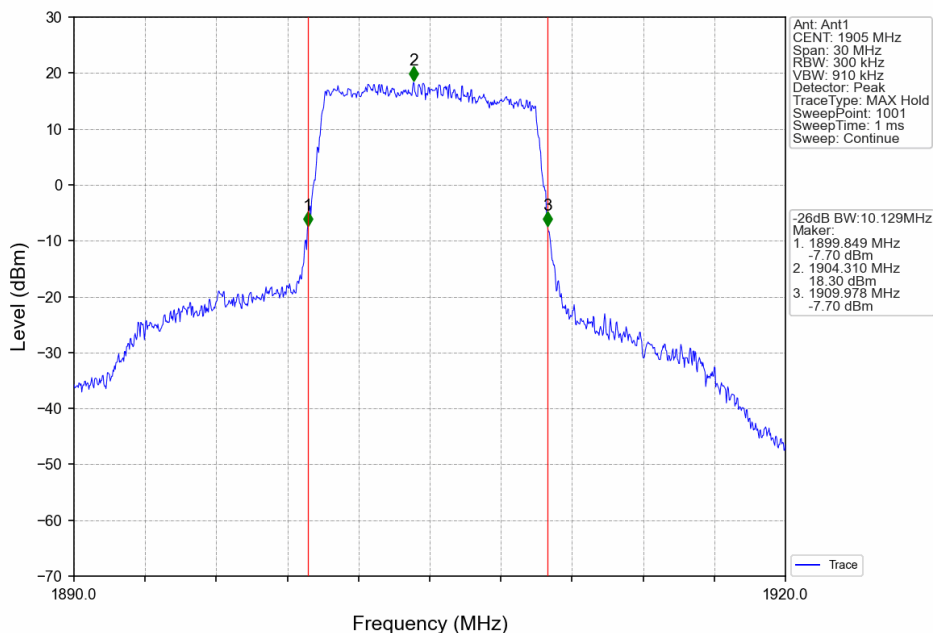


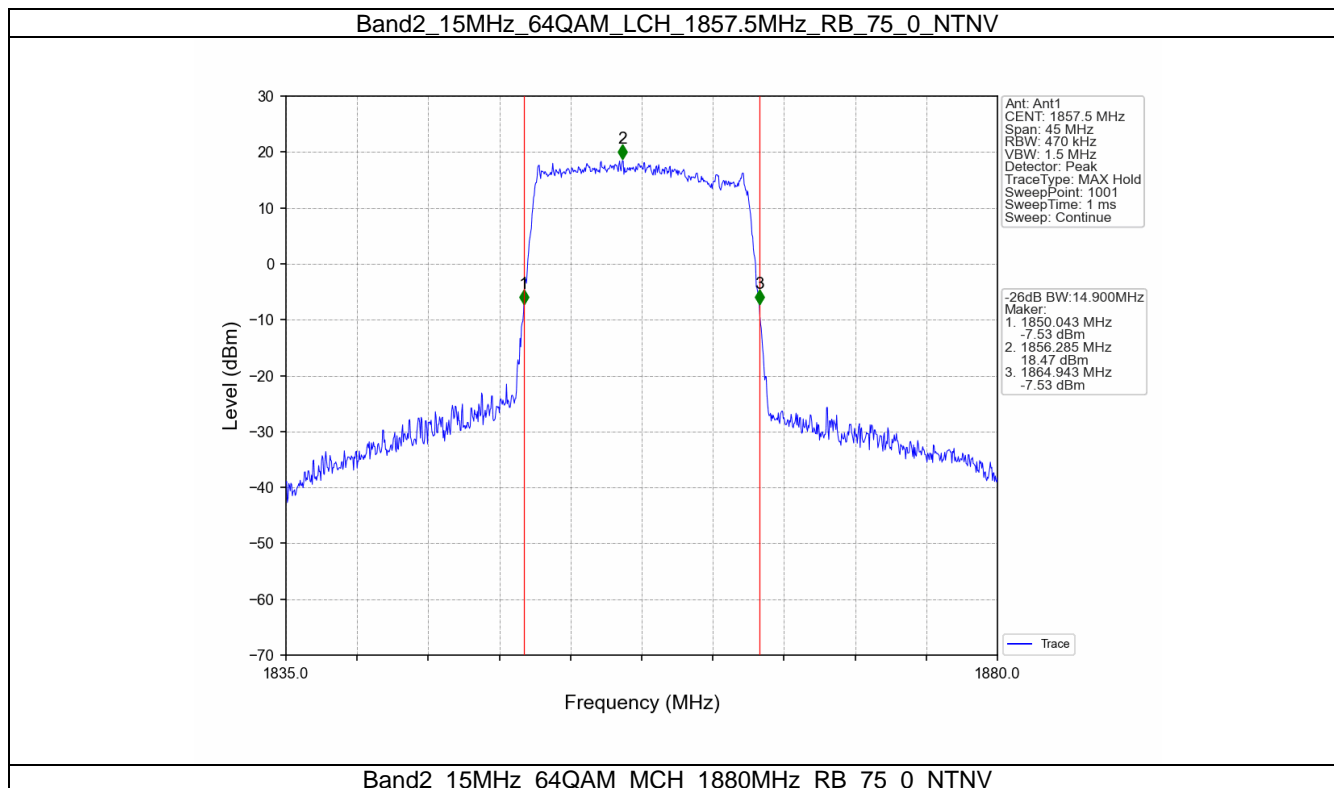


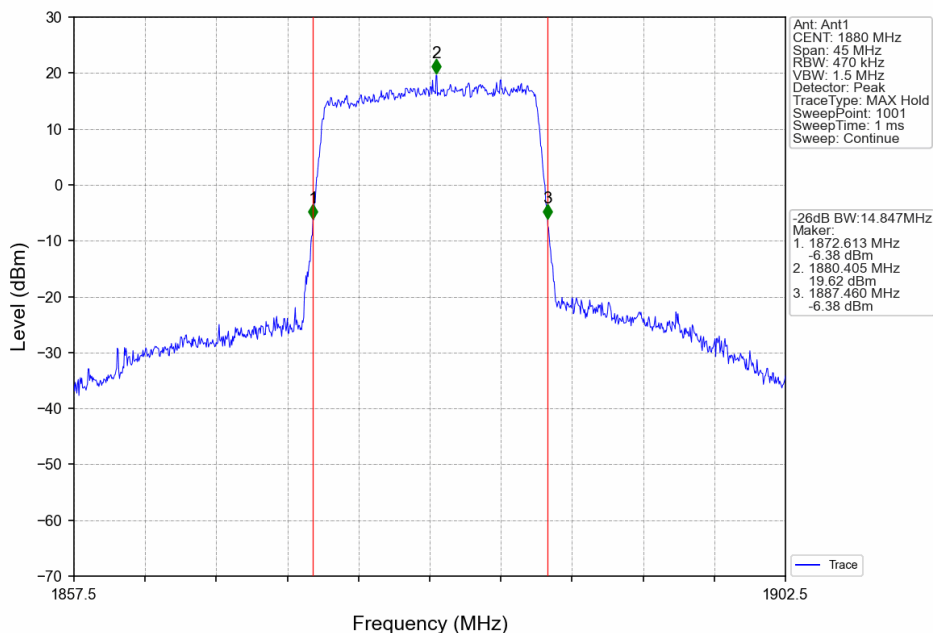


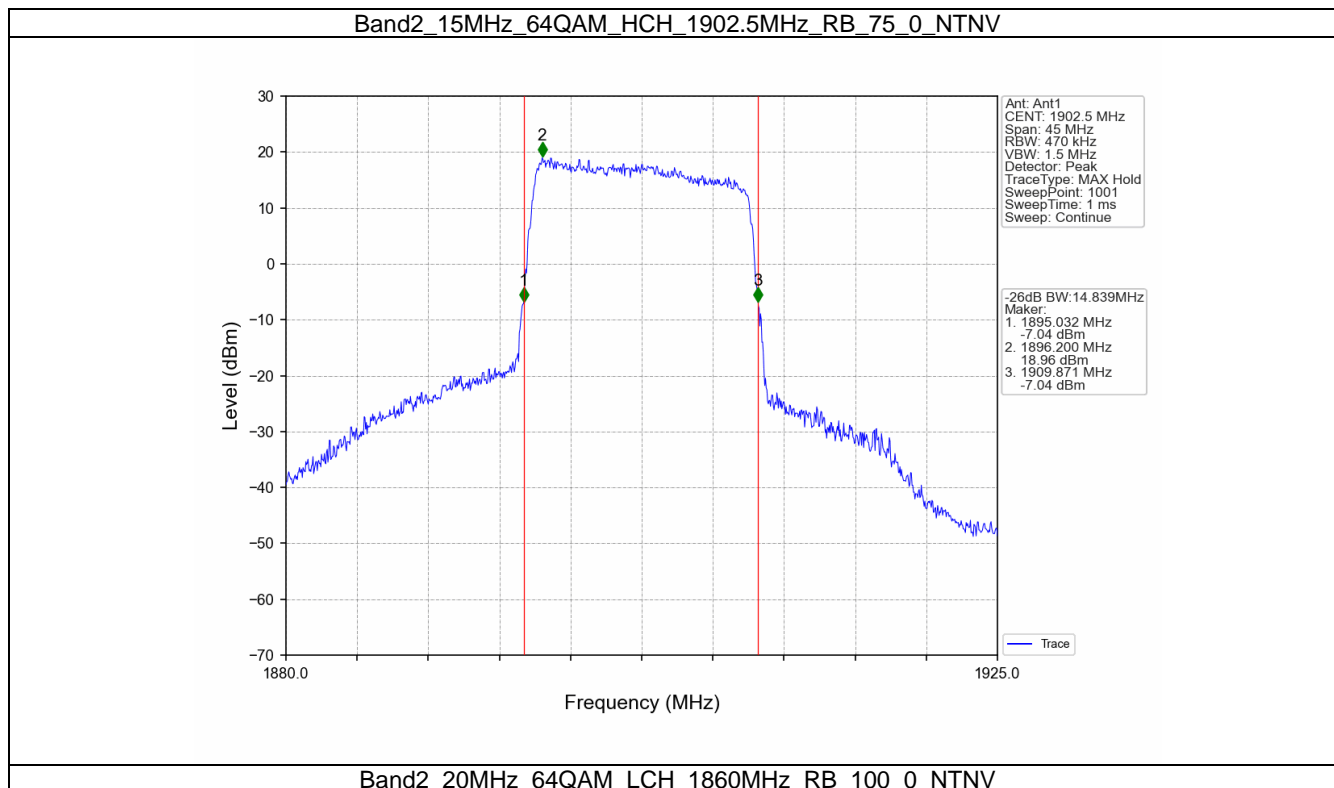


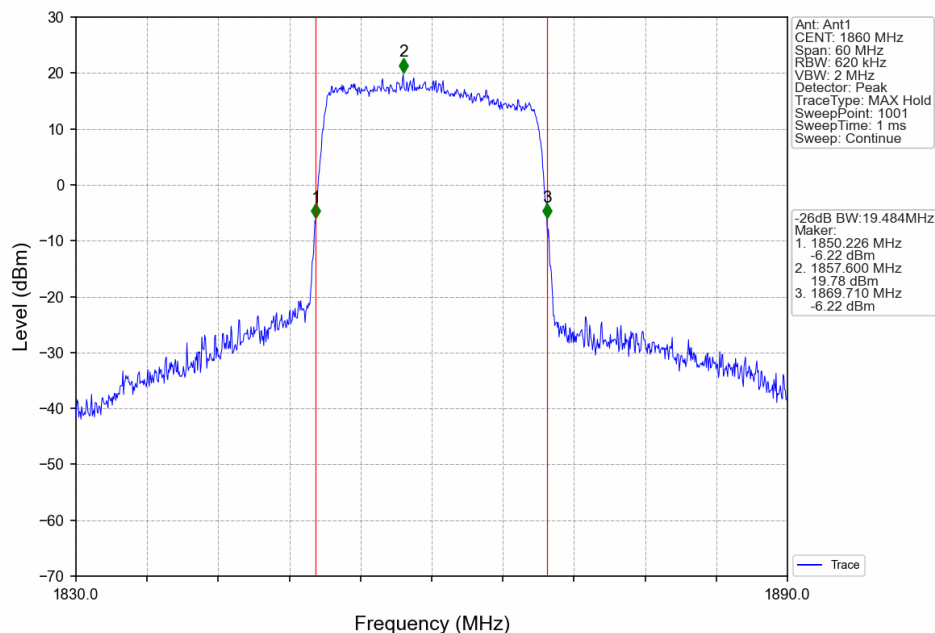


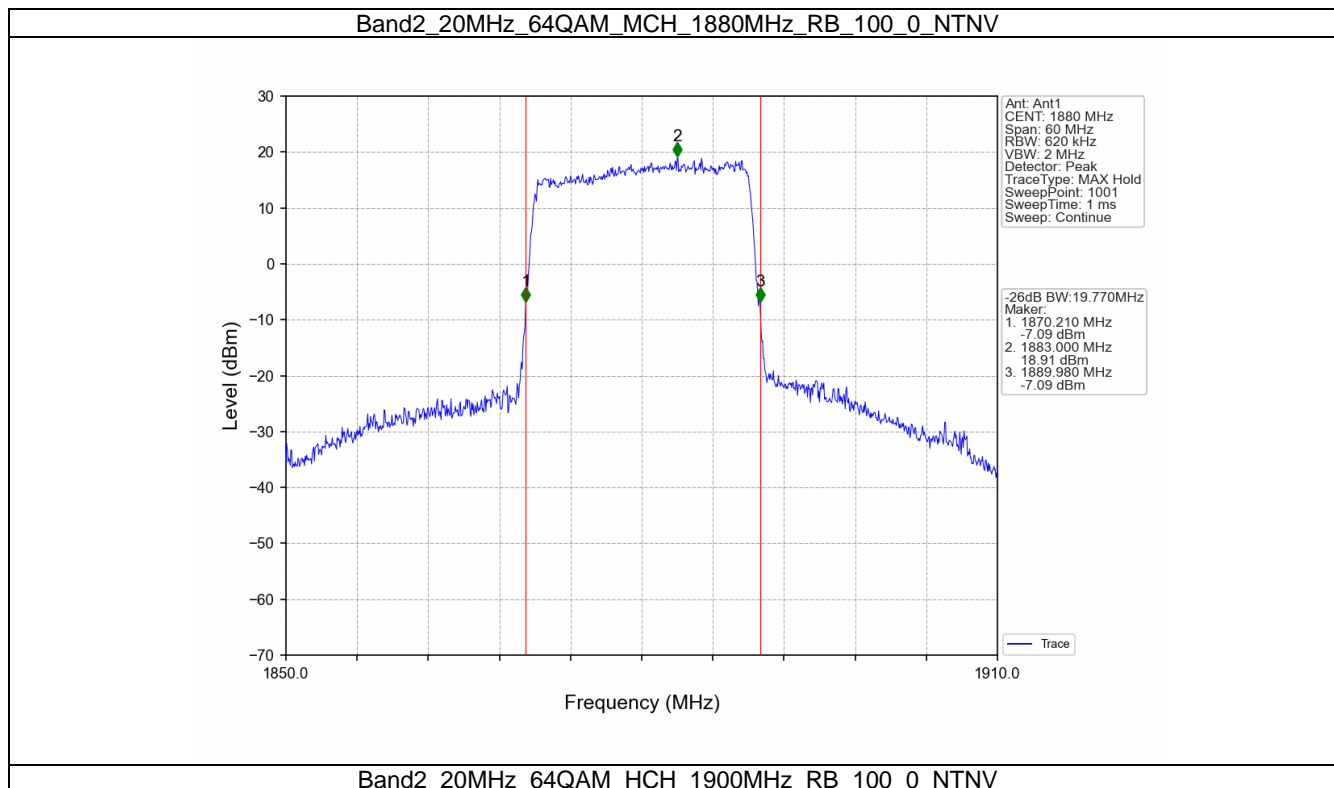


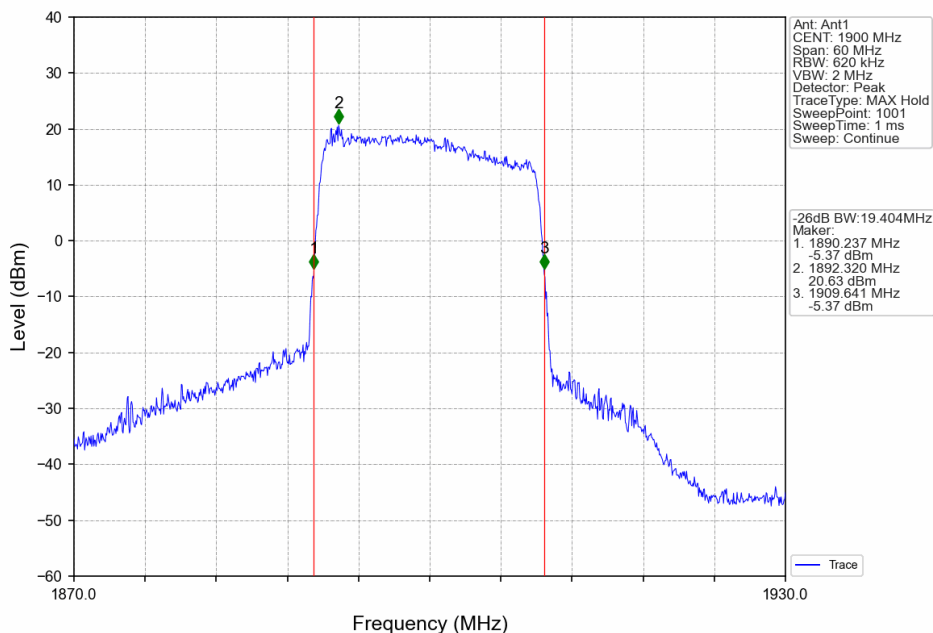












4. 99% & 26dB Bandwidth

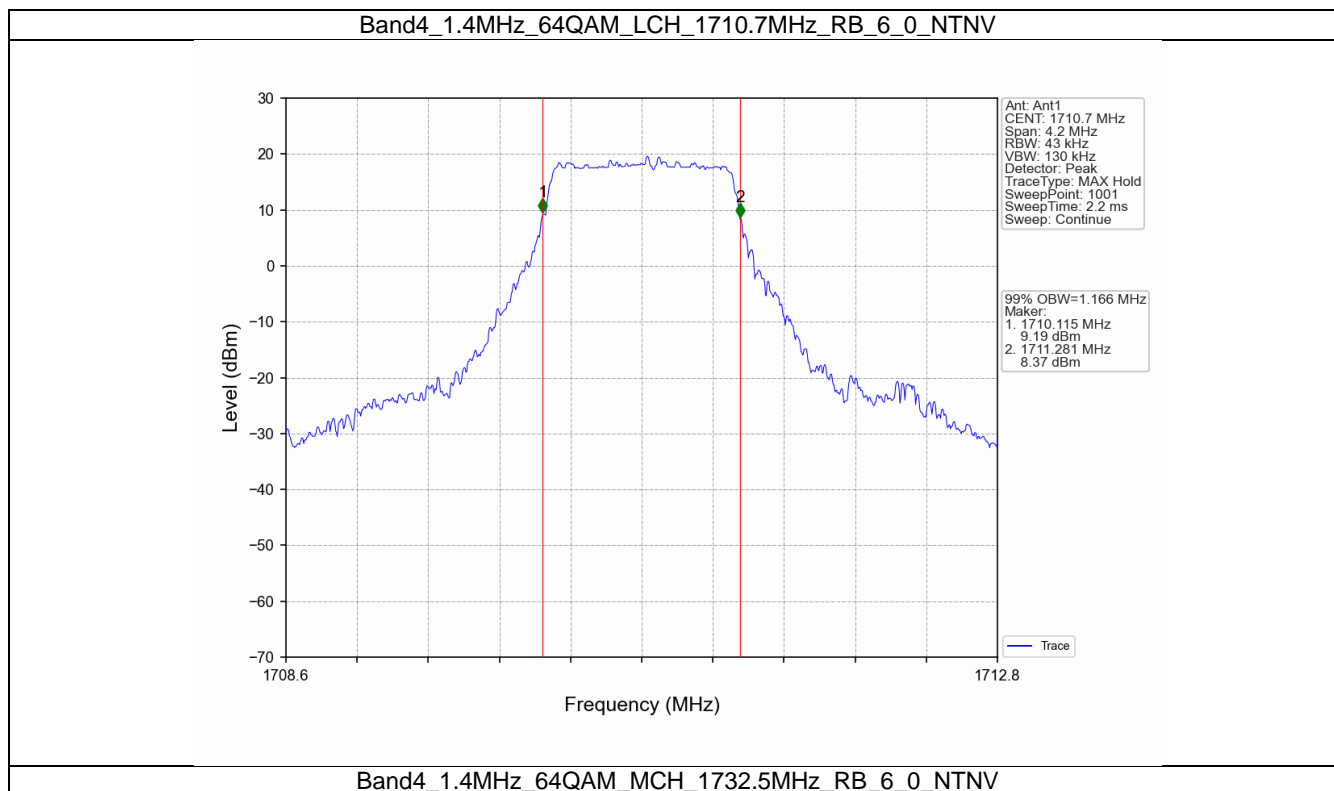
4.1 Band4_OBW

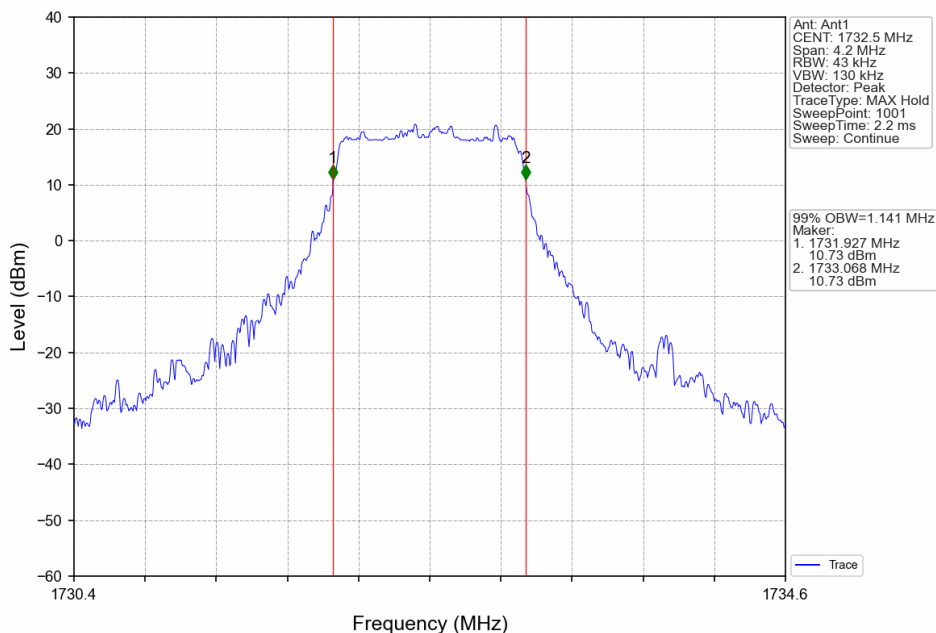
4.1.1 Test Result

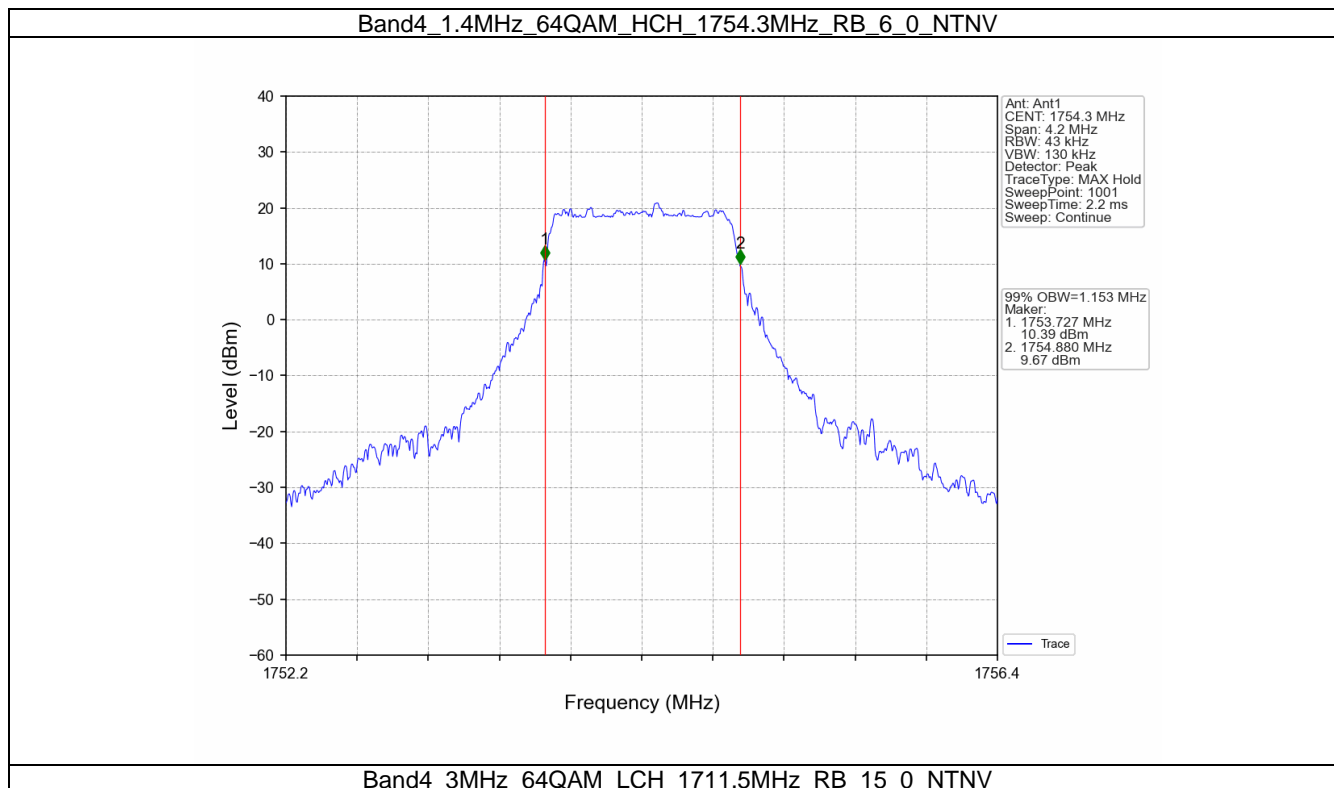
Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	64QAM	1710.7	6	0	1.166	Pass
		1732.5	6	0	1.141	Pass
		1754.3	6	0	1.153	Pass
3	64QAM	1711.5	15	0	2.801	Pass
		1732.5	15	0	2.764	Pass
		1753.5	15	0	2.763	Pass
5	64QAM	1712.5	25	0	4.586	Pass
		1732.5	25	0	4.596	Pass
		1752.5	25	0	4.592	Pass
10	64QAM	1715	50	0	9.068	Pass
		1732.5	50	0	9.047	Pass
		1750	50	0	9.064	Pass
15	64QAM	1717.5	75	0	13.524	Pass
		1732.5	75	0	13.591	Pass
		1747.5	75	0	13.580	Pass
20	64QAM	1720	100	0	17.920	Pass
		1732.5	100	0	18.024	Pass
		1745	100	0	18.122	Pass

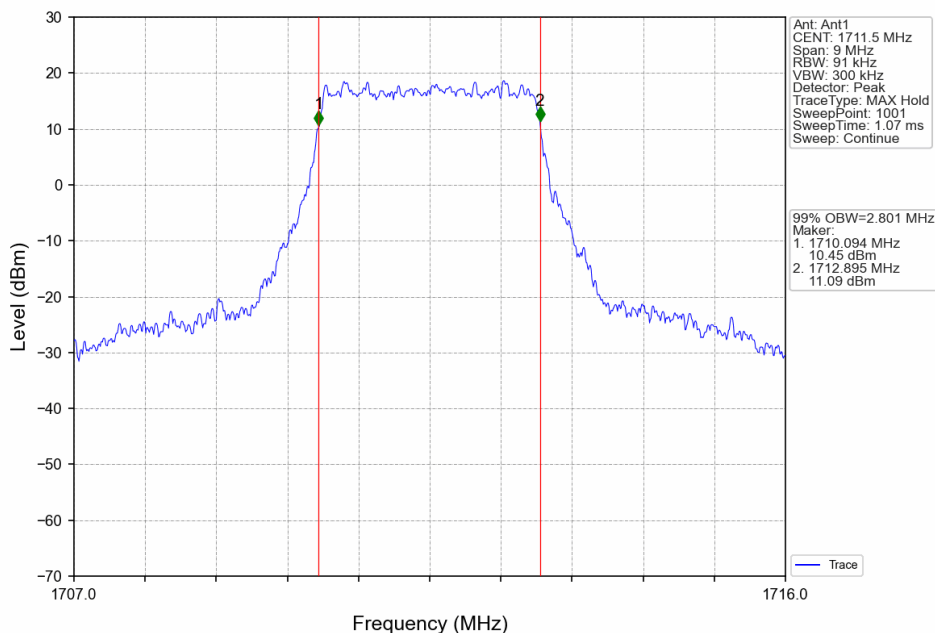


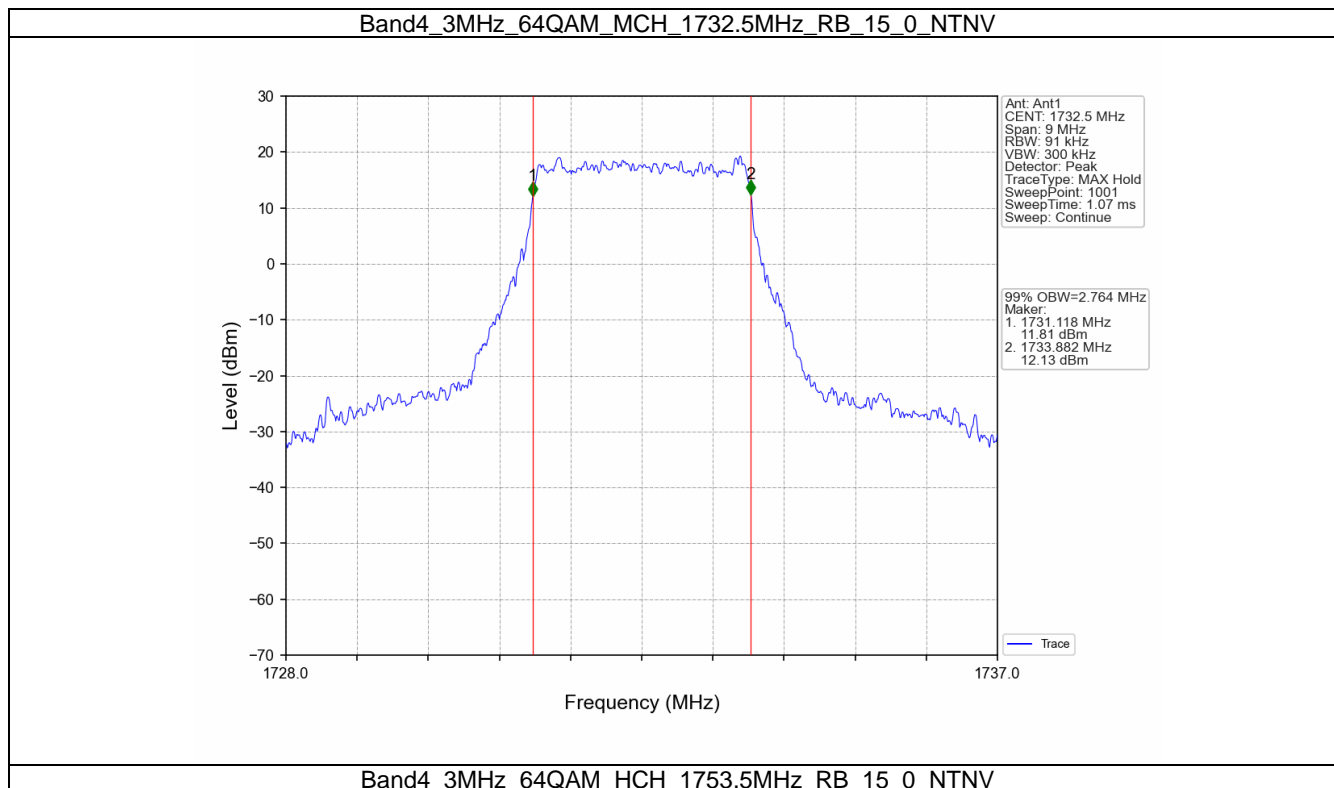
4.1.2 Test Graph

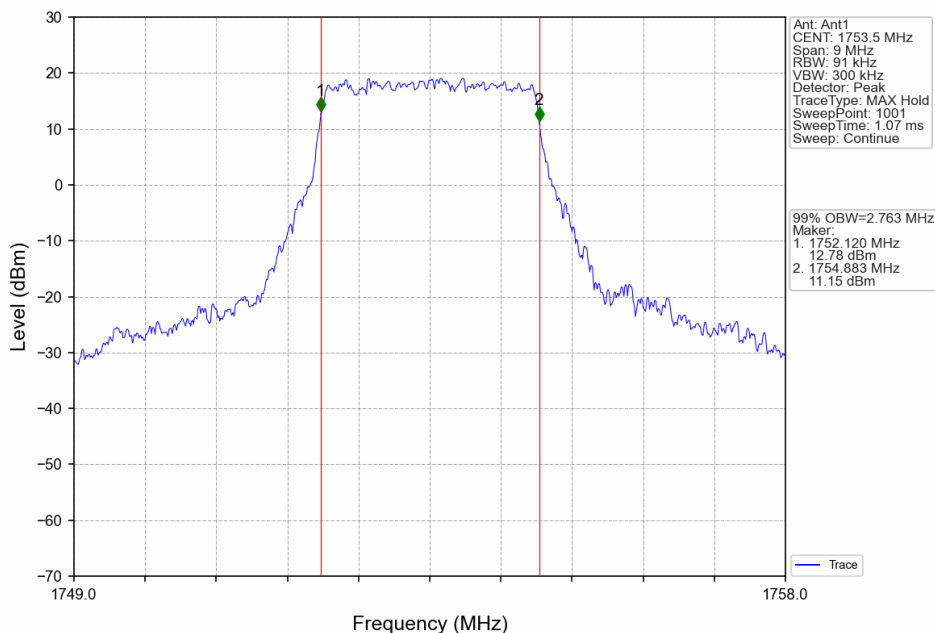


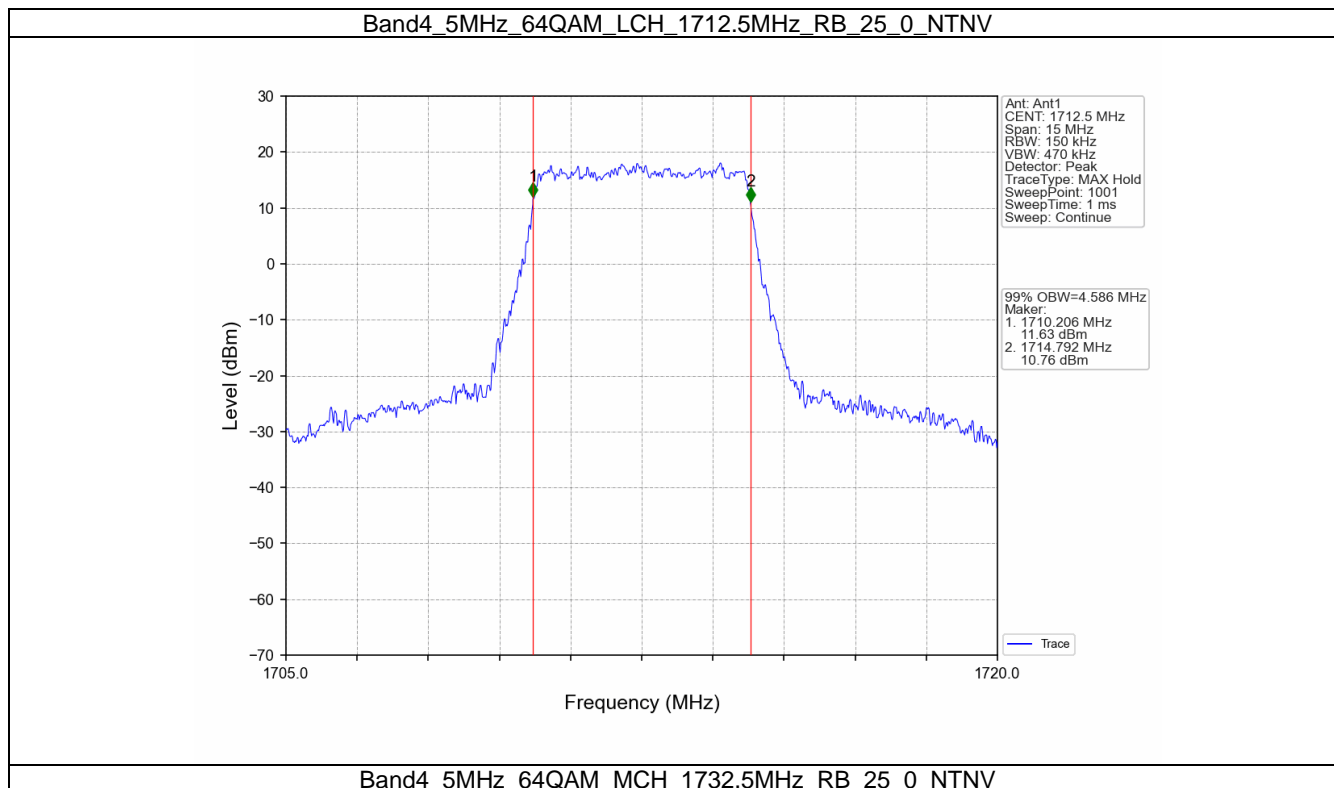






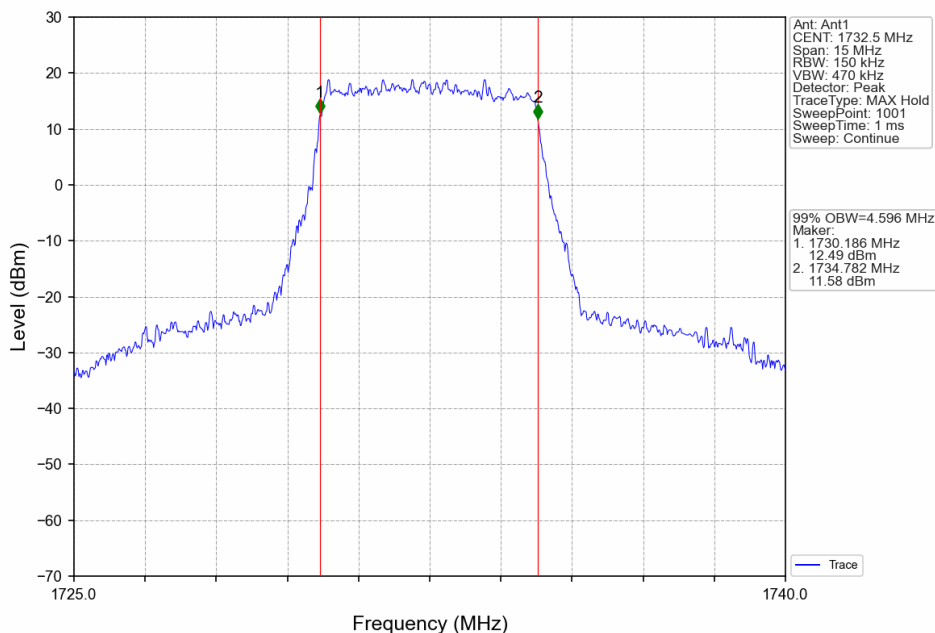


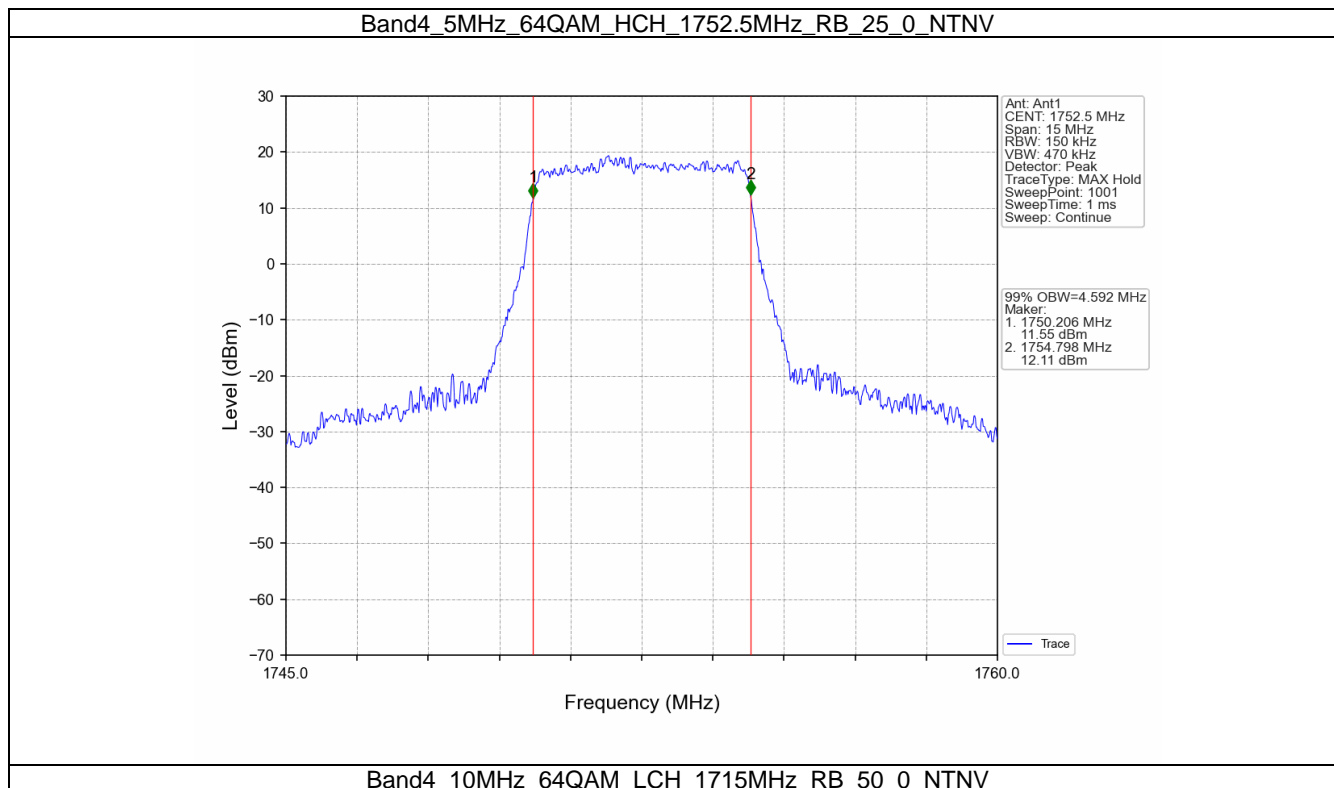


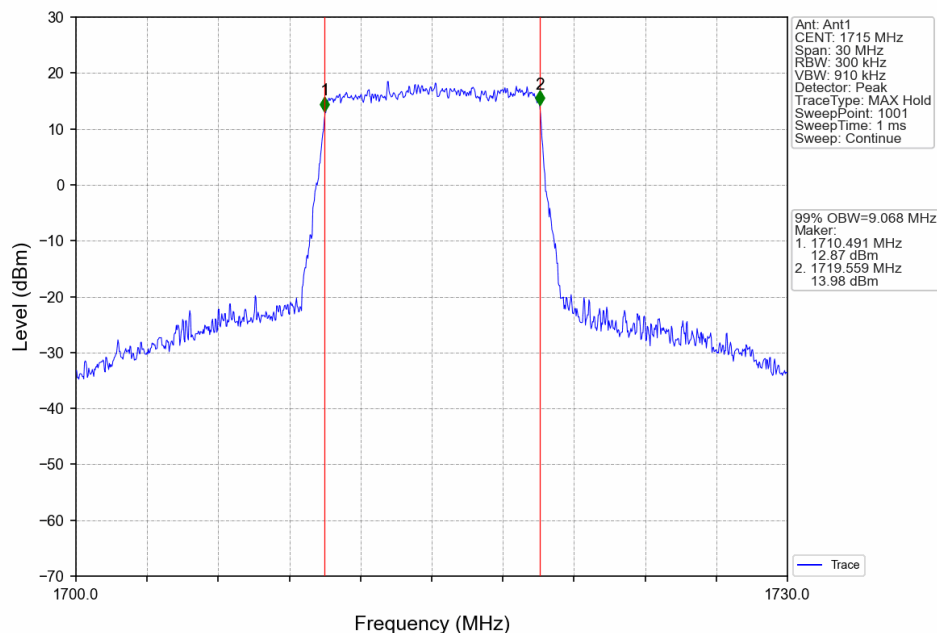


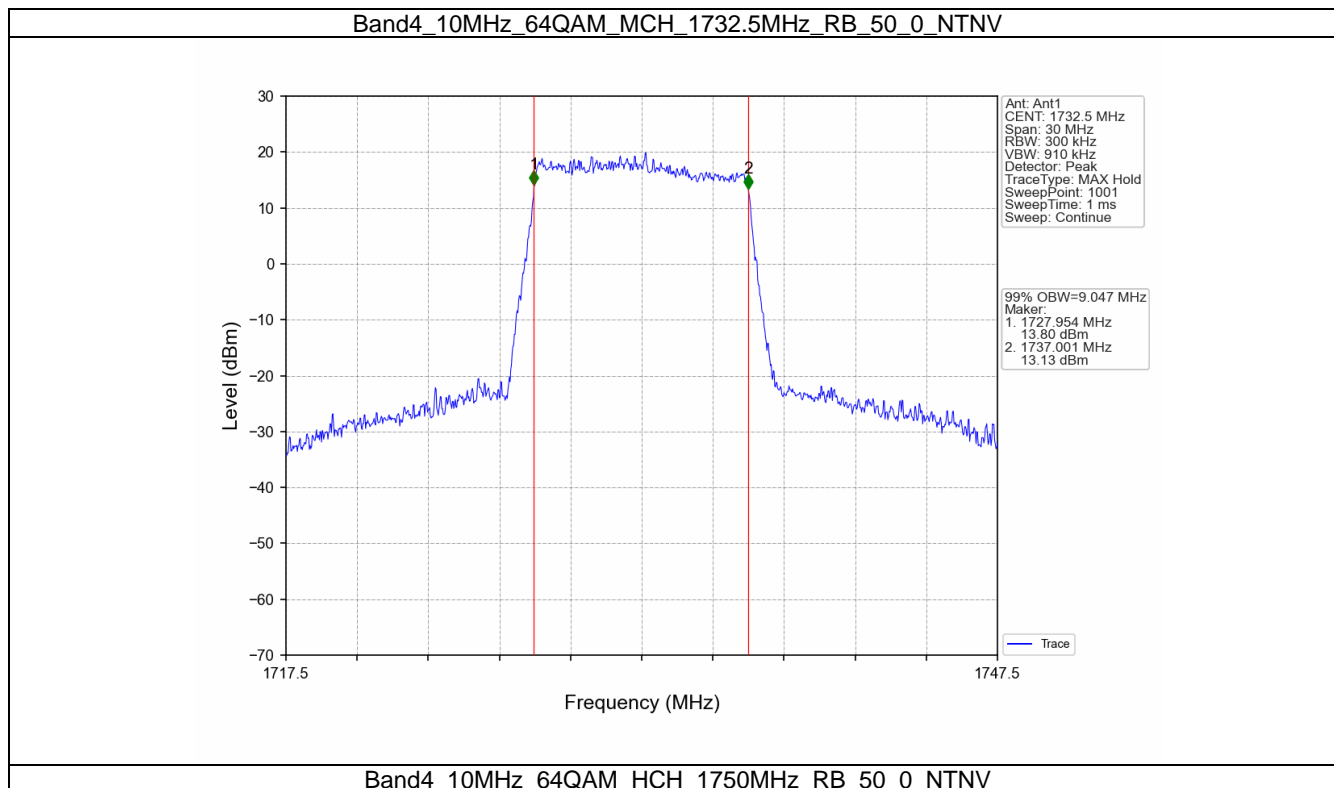
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV

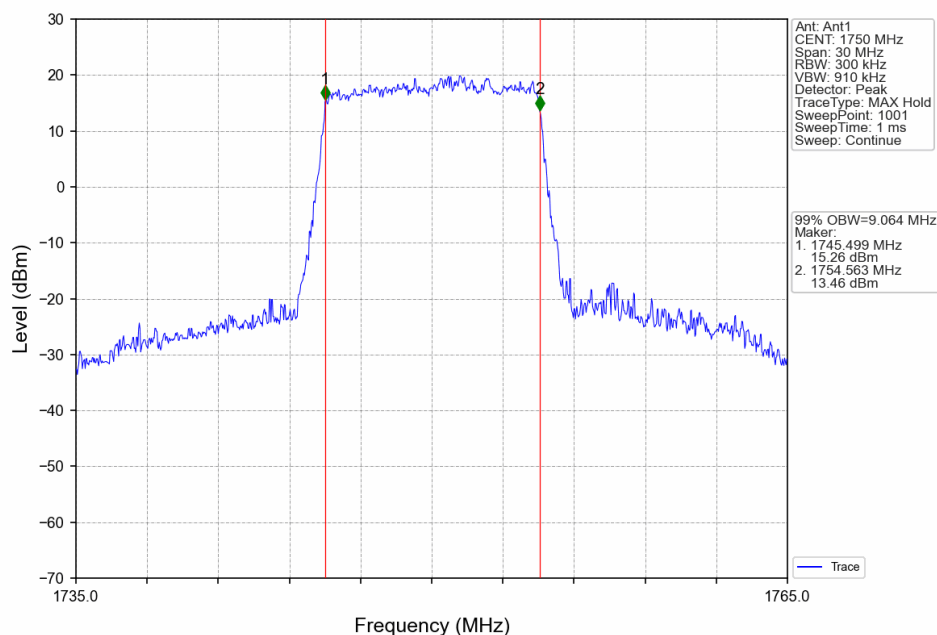


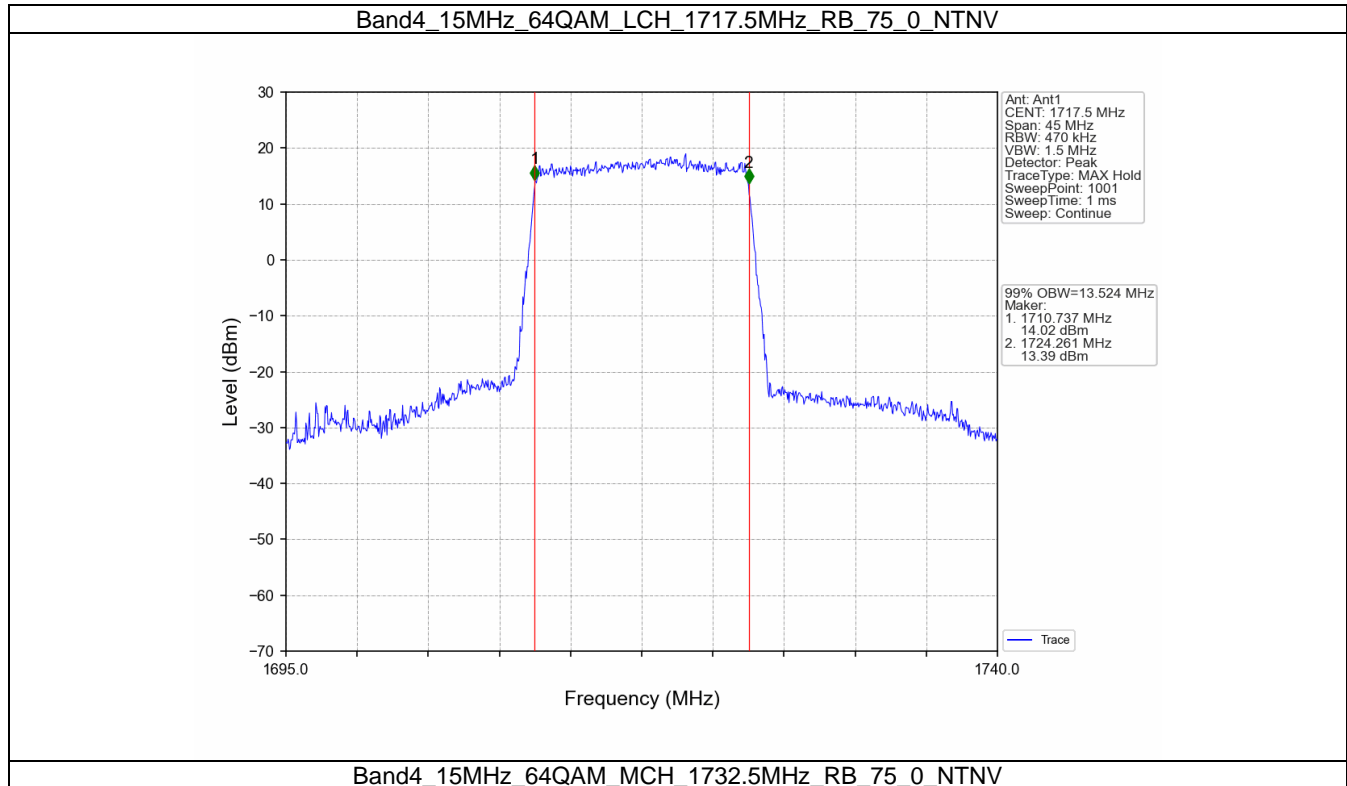


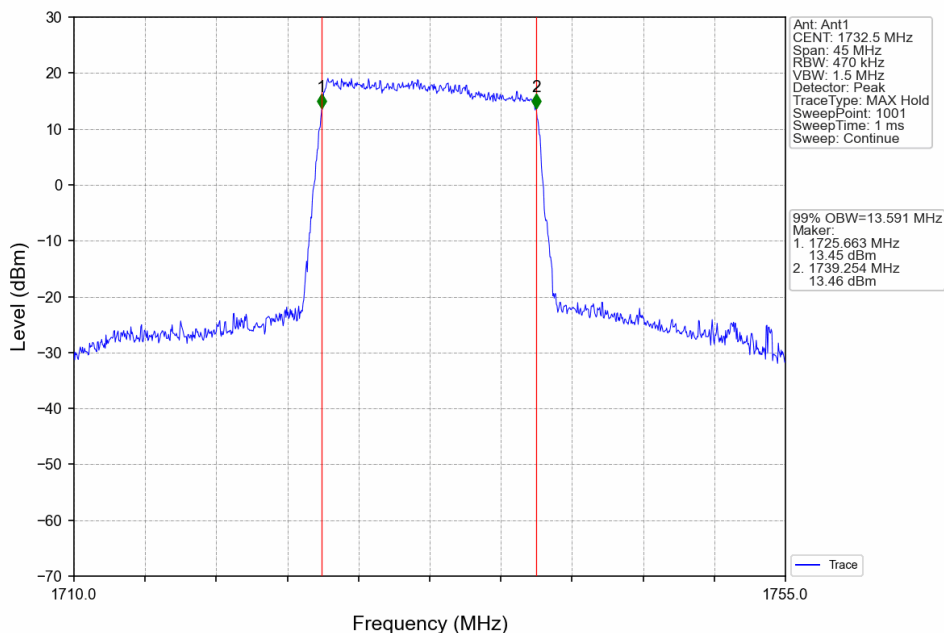


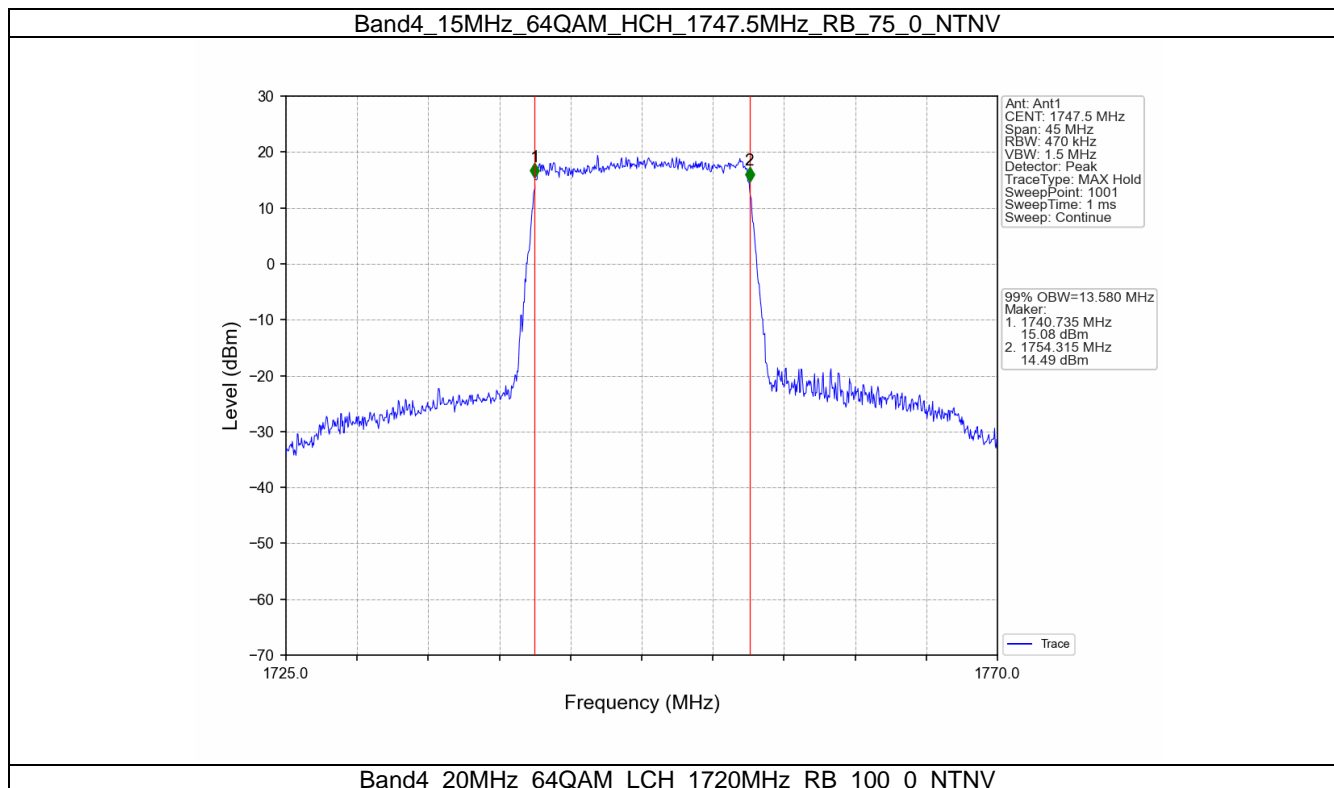


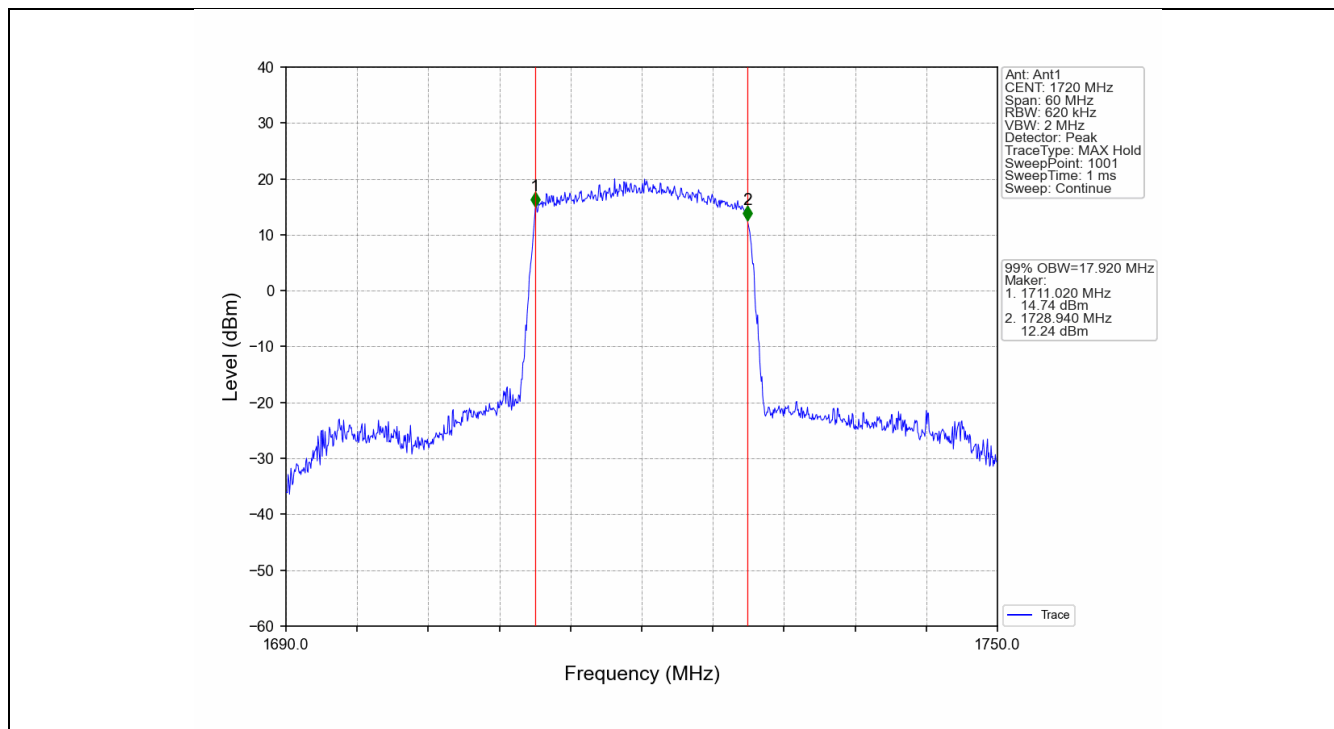


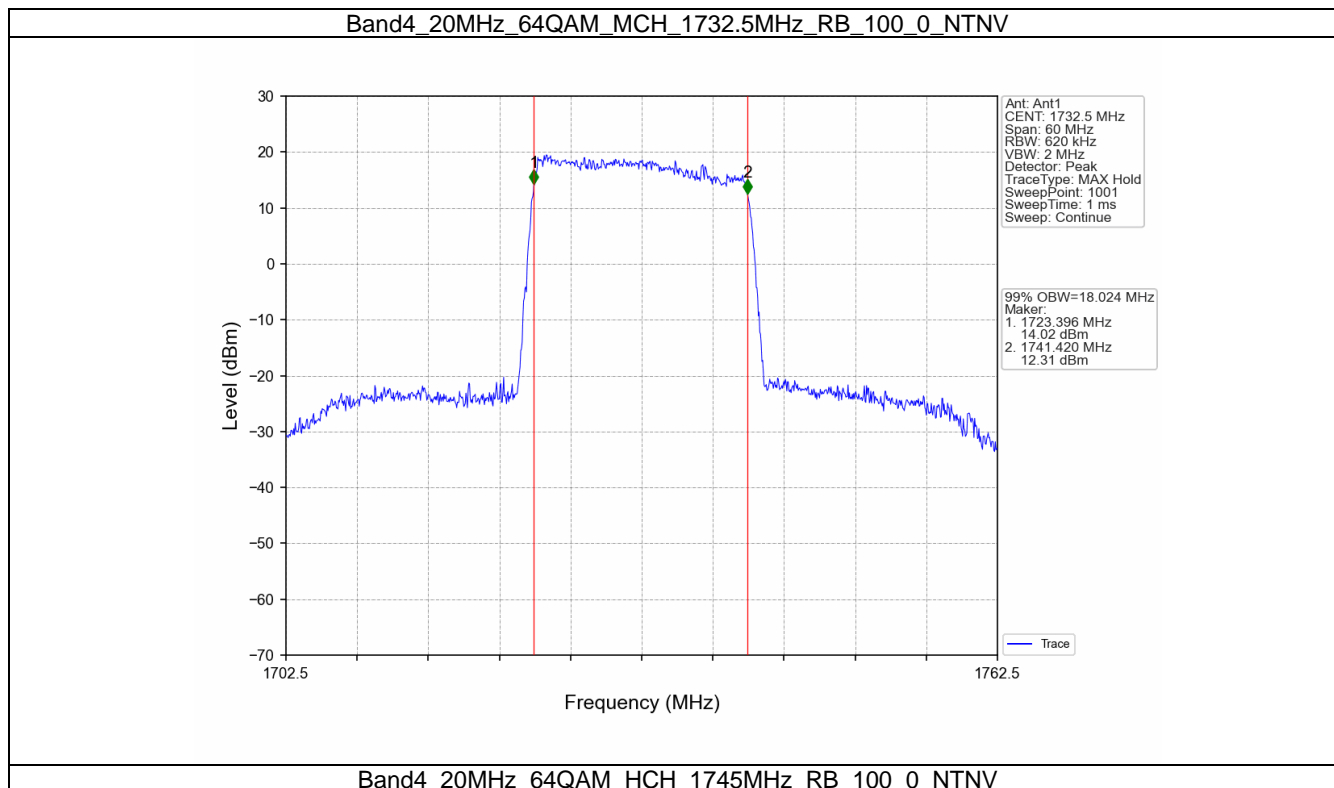


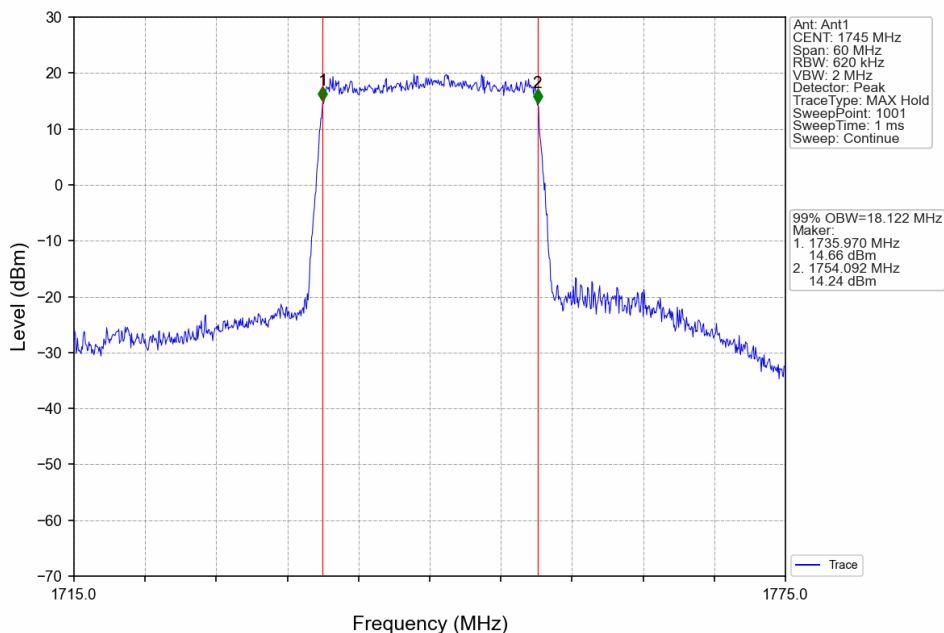












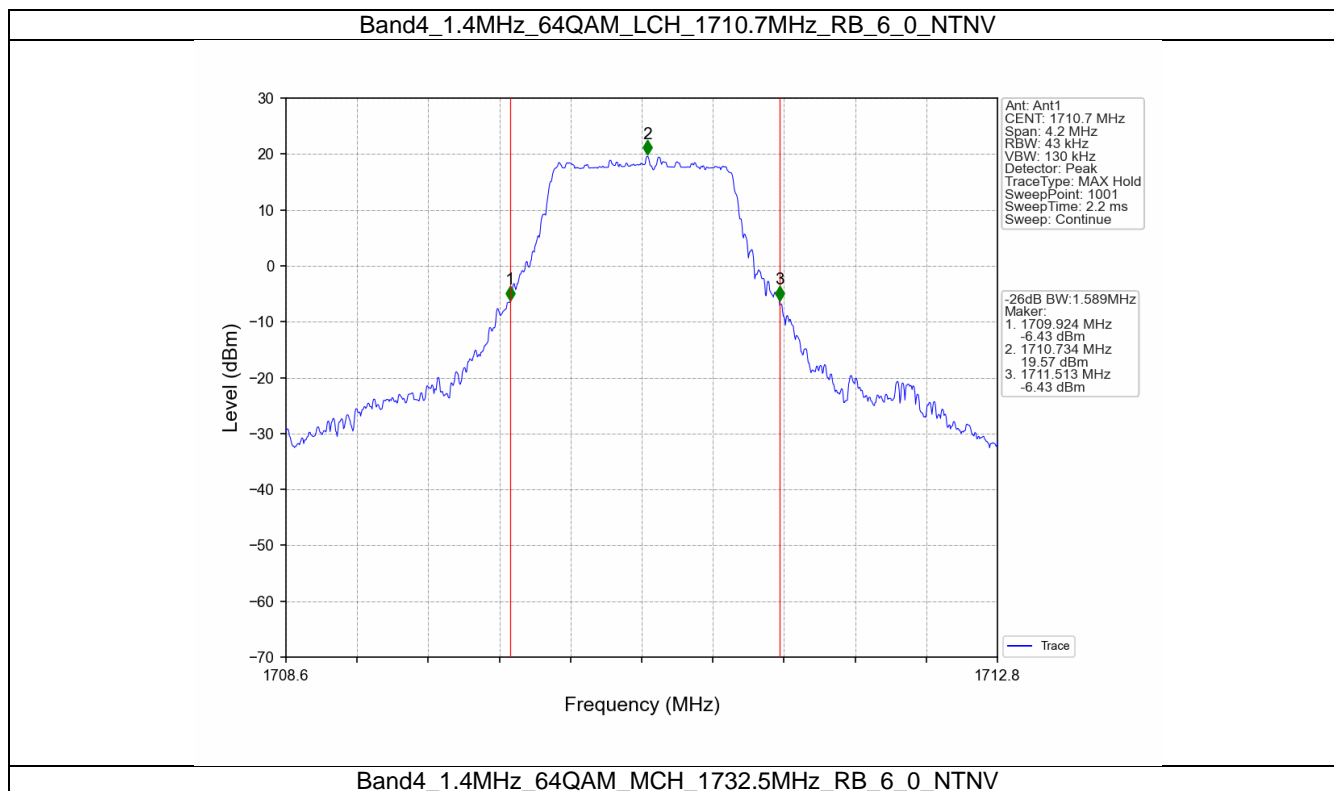
4.2 Band4_XDB

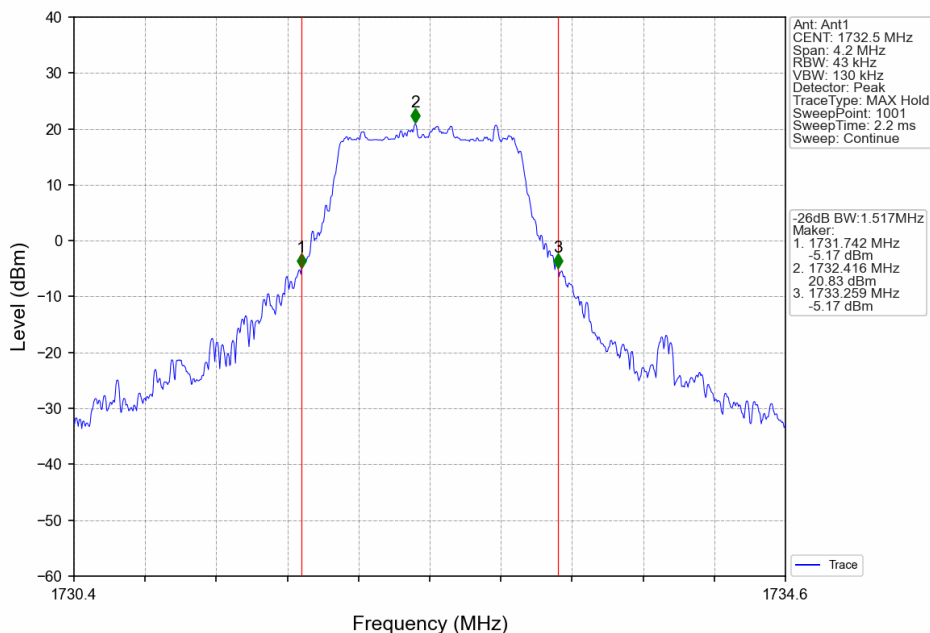
4.2.1 Test Result

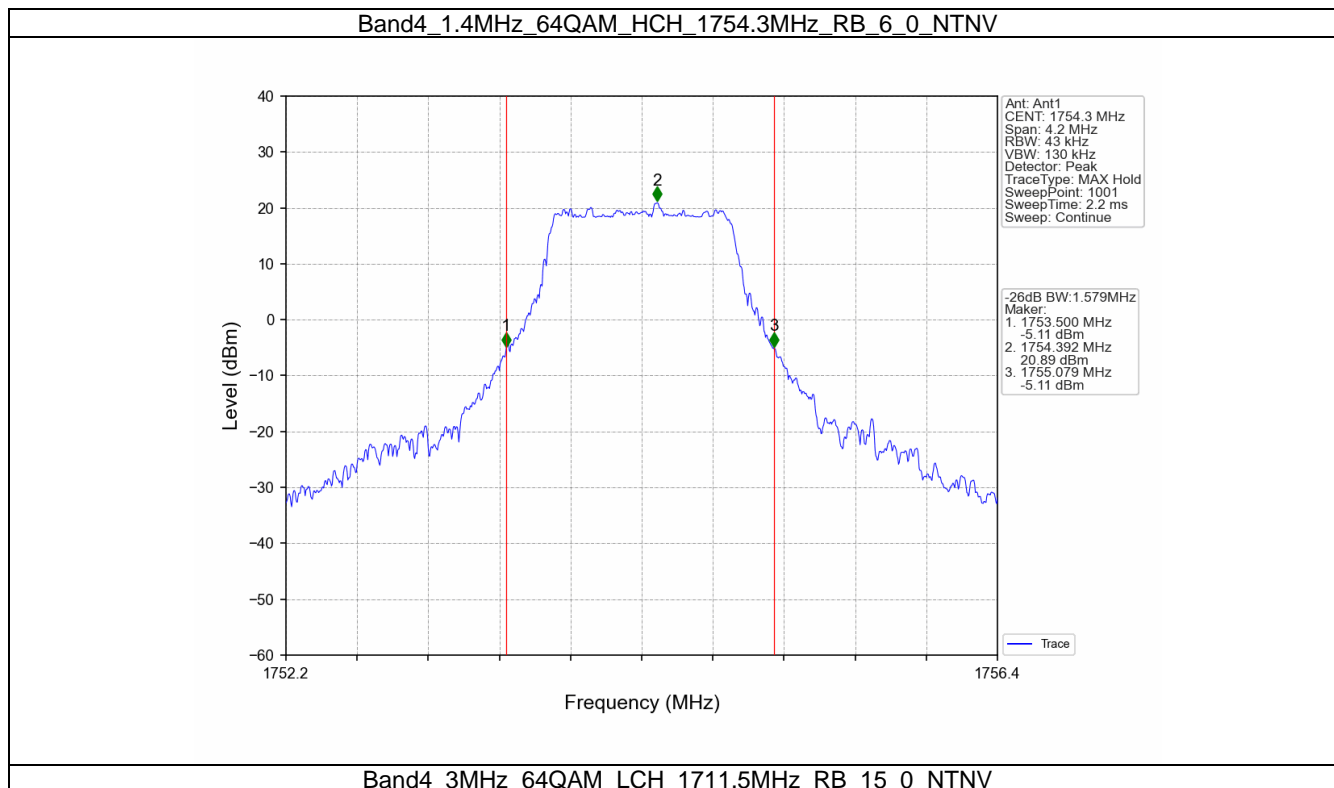
Band: 4 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	64QAM	1710.7	6	0	1.589	Pass
		1732.5	6	0	1.517	Pass
		1754.3	6	0	1.579	Pass
3	64QAM	1711.5	15	0	3.513	Pass
		1732.5	15	0	3.472	Pass
		1753.5	15	0	3.496	Pass
5	64QAM	1712.5	25	0	5.444	Pass
		1732.5	25	0	5.474	Pass
		1752.5	25	0	5.467	Pass
10	64QAM	1715	50	0	10.095	Pass
		1732.5	50	0	10.193	Pass
		1750	50	0	10.104	Pass
15	64QAM	1717.5	75	0	14.992	Pass
		1732.5	75	0	14.968	Pass
		1747.5	75	0	14.932	Pass
20	64QAM	1720	100	0	19.511	Pass
		1732.5	100	0	19.740	Pass
		1745	100	0	19.743	Pass

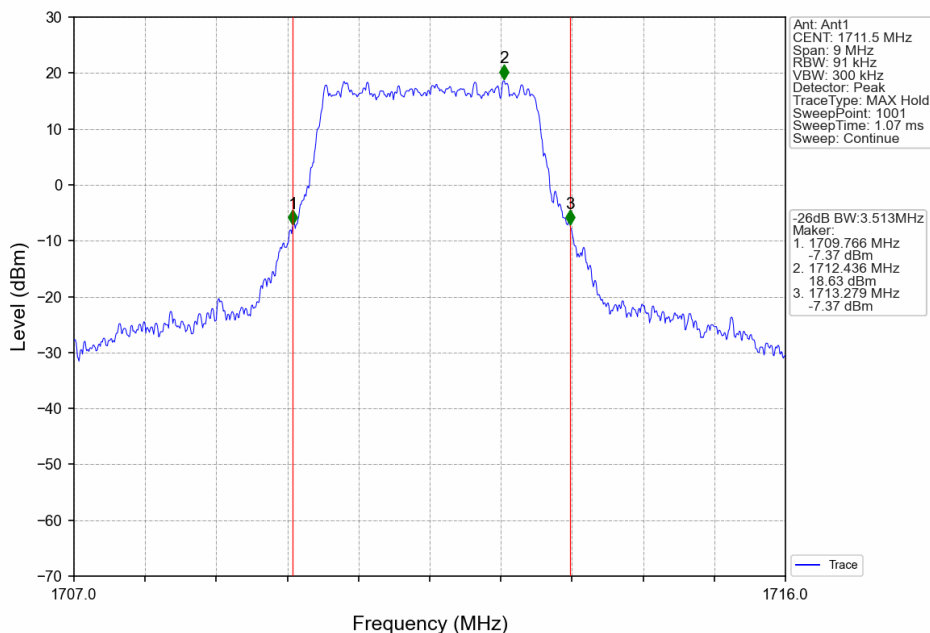


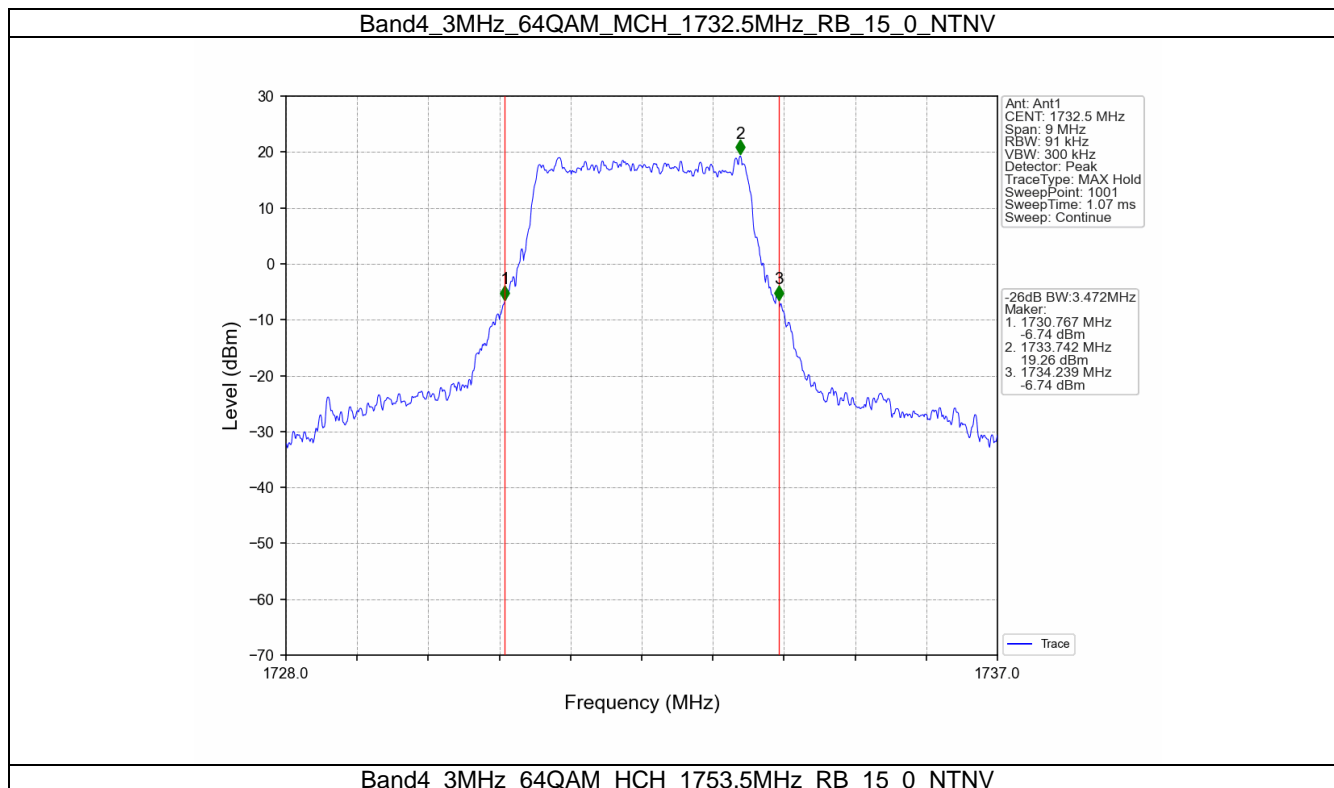
4.2.2 Test Graph

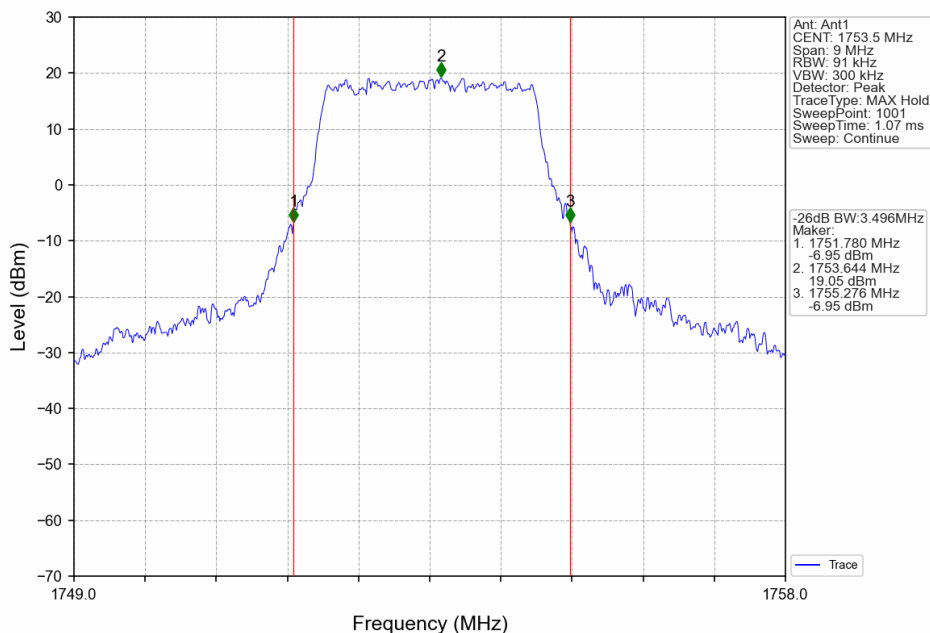


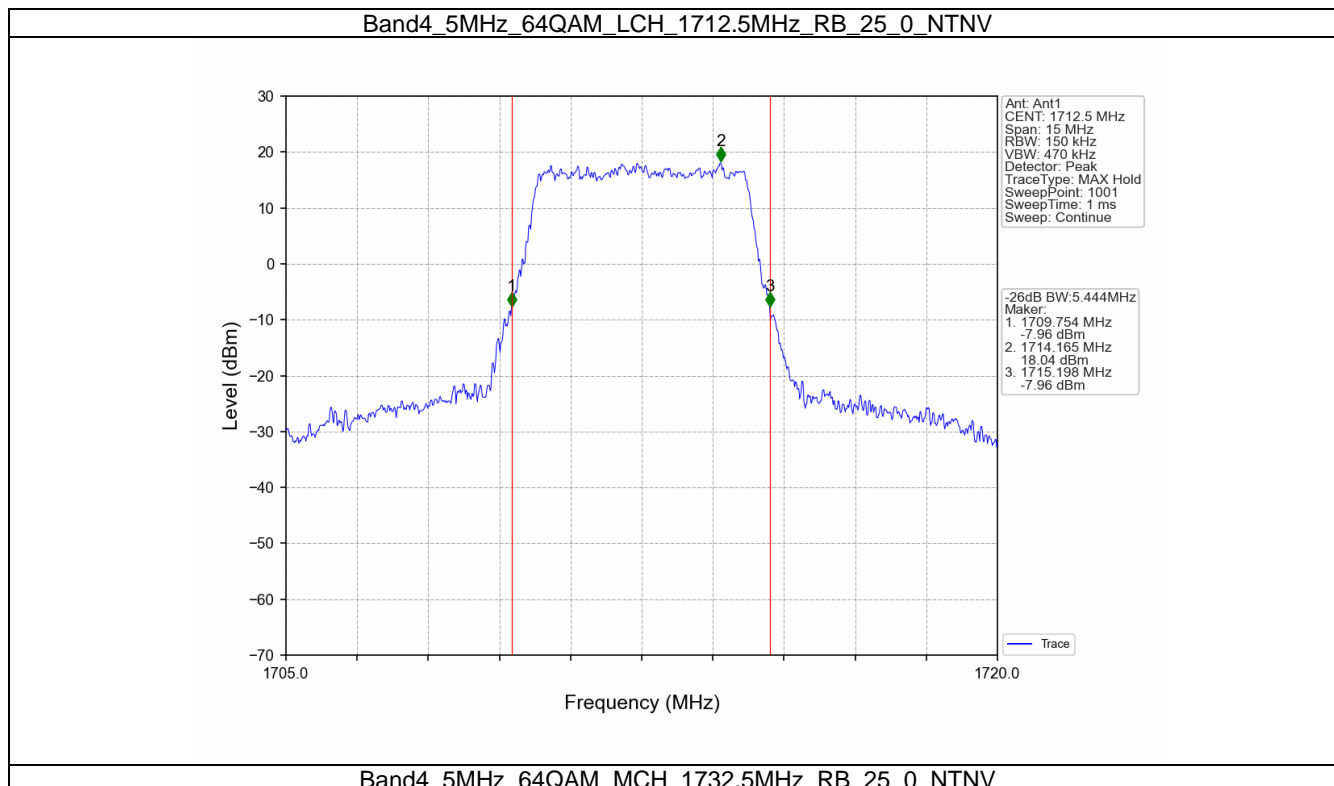












Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



