

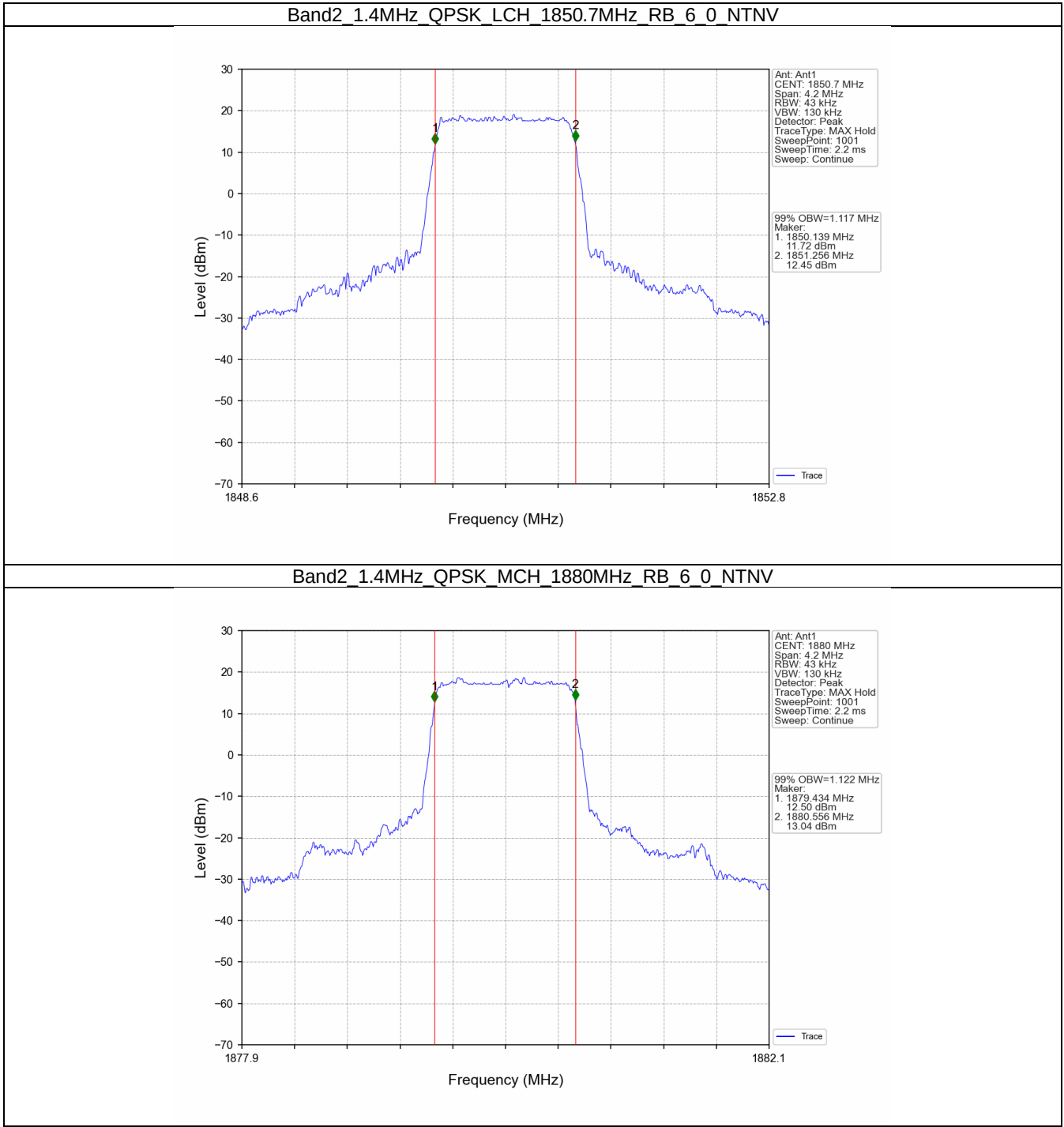
1. 99% & 26dB Bandwidth

1.1 Band2_OBW

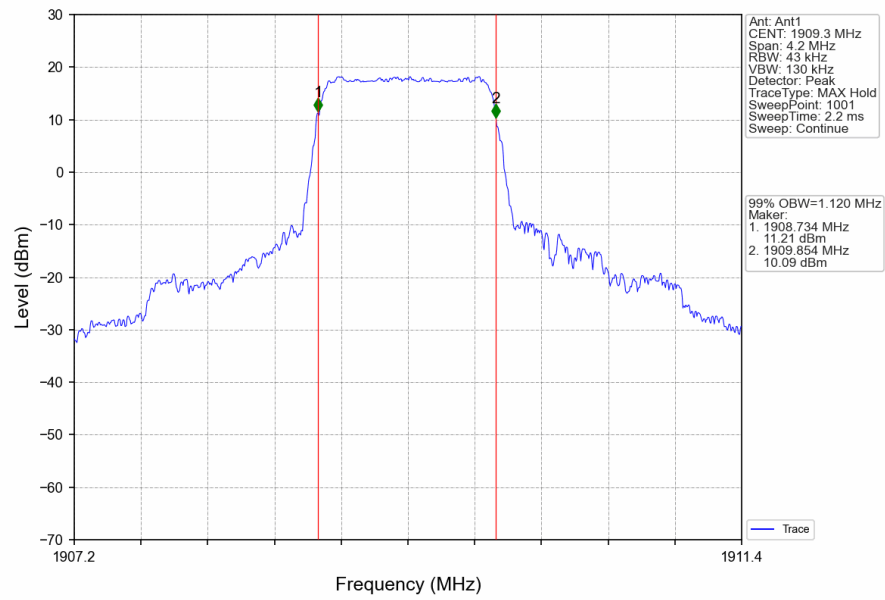
1.1.1 Test Result

Band: 2 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.117	Pass
		1880	6	0	1.122	Pass
		1909.3	6	0	1.120	Pass
	16QAM	1850.7	6	0	1.113	Pass
		1880	6	0	1.118	Pass
		1909.3	6	0	1.129	Pass
3	QPSK	1851.5	15	0	2.738	Pass
		1880	15	0	2.728	Pass
		1908.5	15	0	2.744	Pass
	16QAM	1851.5	15	0	2.730	Pass
		1880	15	0	2.731	Pass
		1908.5	15	0	2.731	Pass
5	QPSK	1852.5	25	0	4.548	Pass
		1880	25	0	4.535	Pass
		1907.5	25	0	4.536	Pass
	16QAM	1852.5	25	0	4.536	Pass
		1880	25	0	4.549	Pass
		1907.5	25	0	4.533	Pass
10	QPSK	1855	50	0	9.037	Pass
		1880	50	0	9.039	Pass
		1905	50	0	9.057	Pass
	16QAM	1855	50	0	9.017	Pass
		1880	50	0	9.034	Pass
		1905	50	0	9.039	Pass
15	QPSK	1857.5	75	0	13.541	Pass
		1880	75	0	13.564	Pass
		1902.5	75	0	13.561	Pass
	16QAM	1857.5	75	0	13.549	Pass
		1880	75	0	13.552	Pass
		1902.5	75	0	13.590	Pass
20	QPSK	1860	100	0	18.066	Pass
		1880	100	0	18.117	Pass
		1900	100	0	18.100	Pass
	16QAM	1860	100	0	18.038	Pass
		1880	100	0	18.072	Pass
		1900	100	0	18.069	Pass

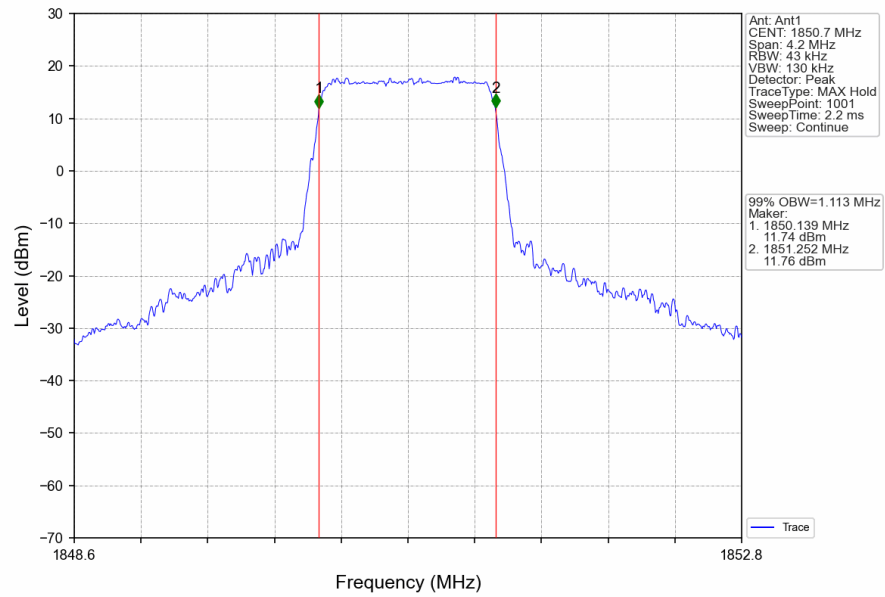
1.1.2 Test Graph



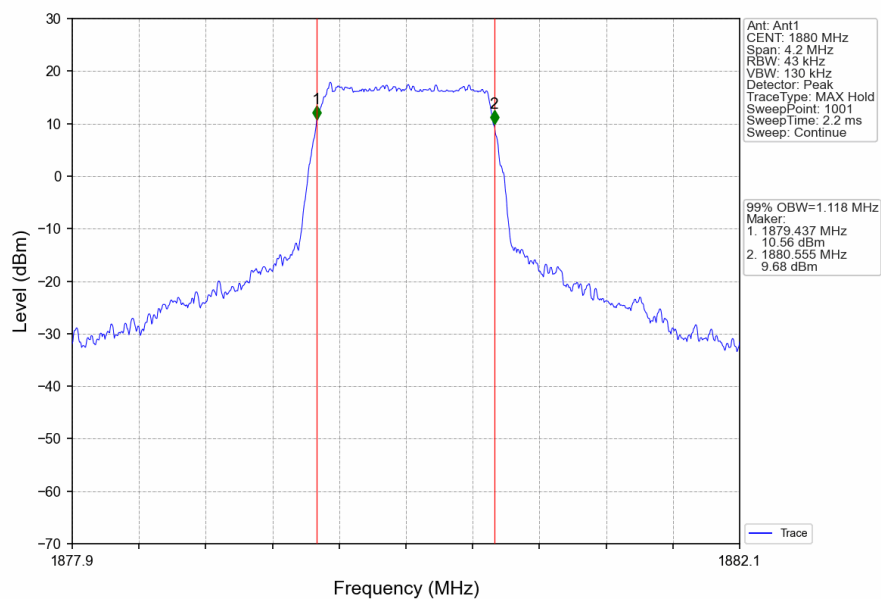
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTNV



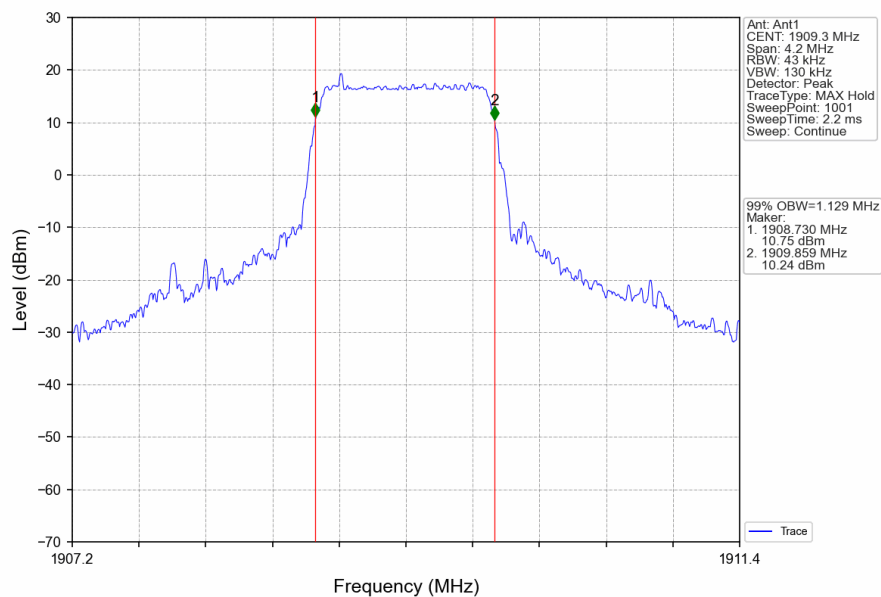
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



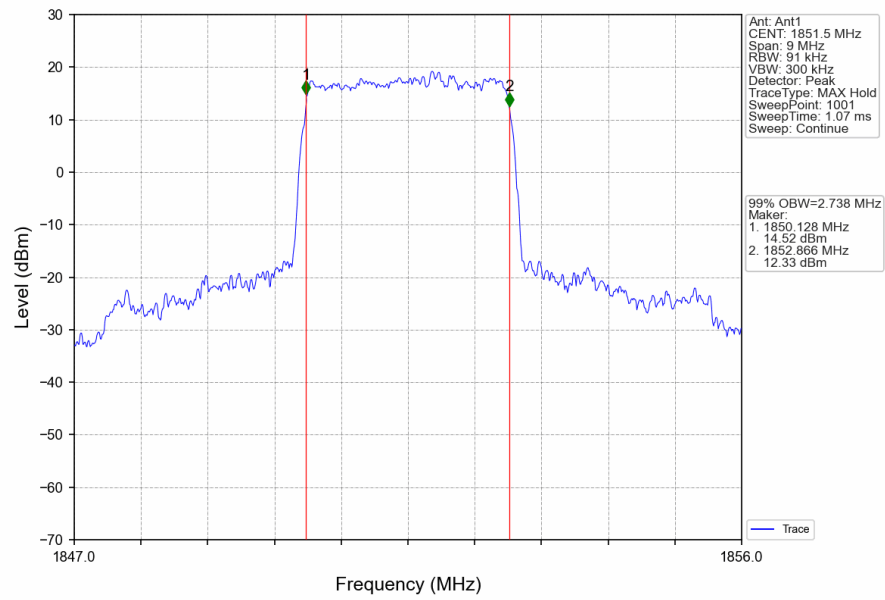
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



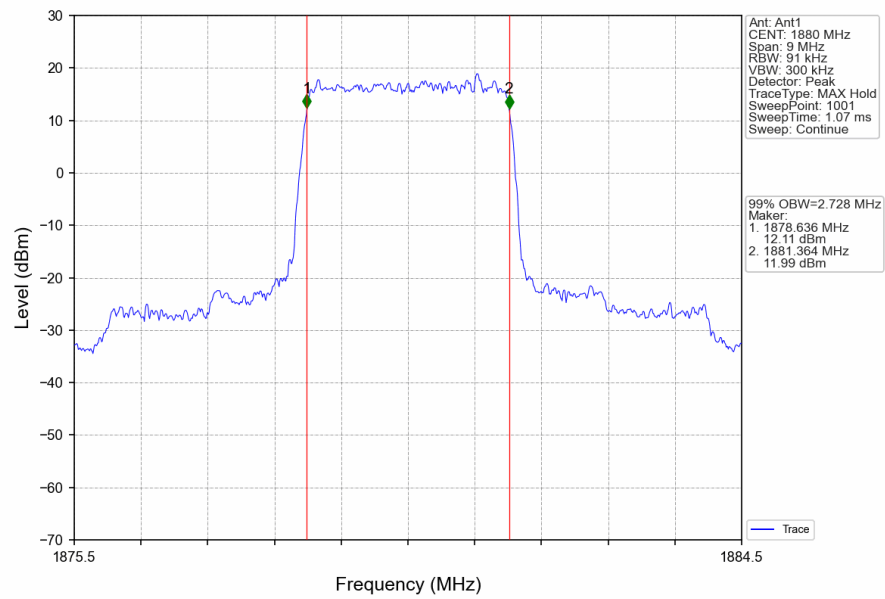
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



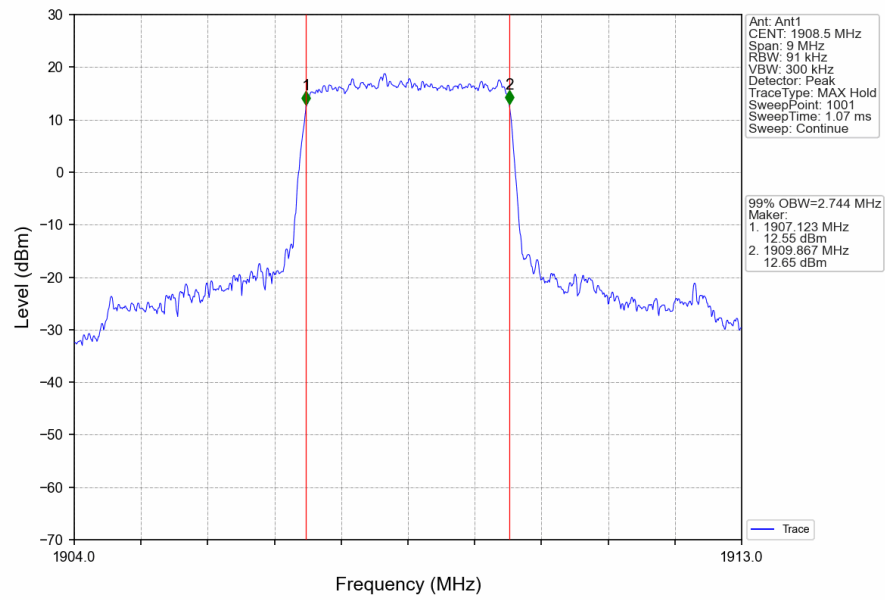
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTN



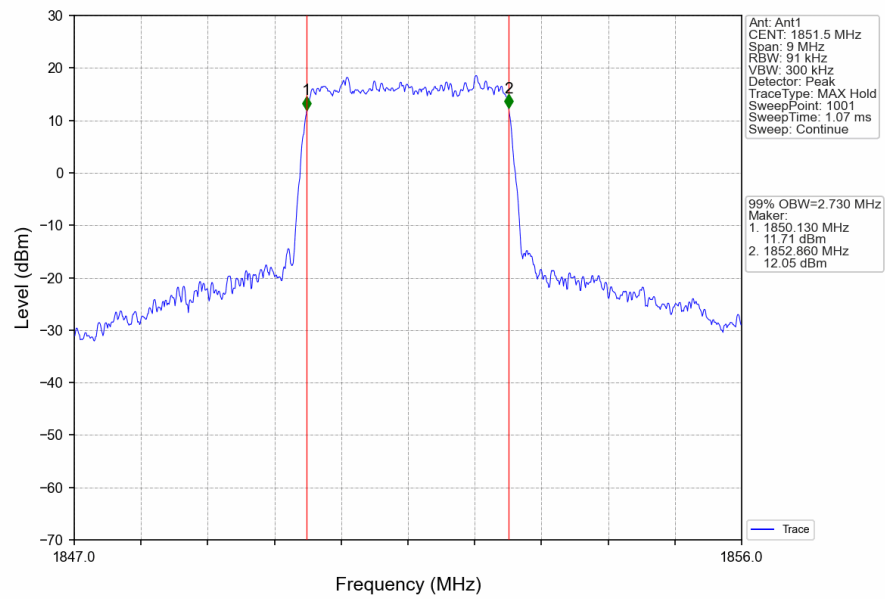
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTN



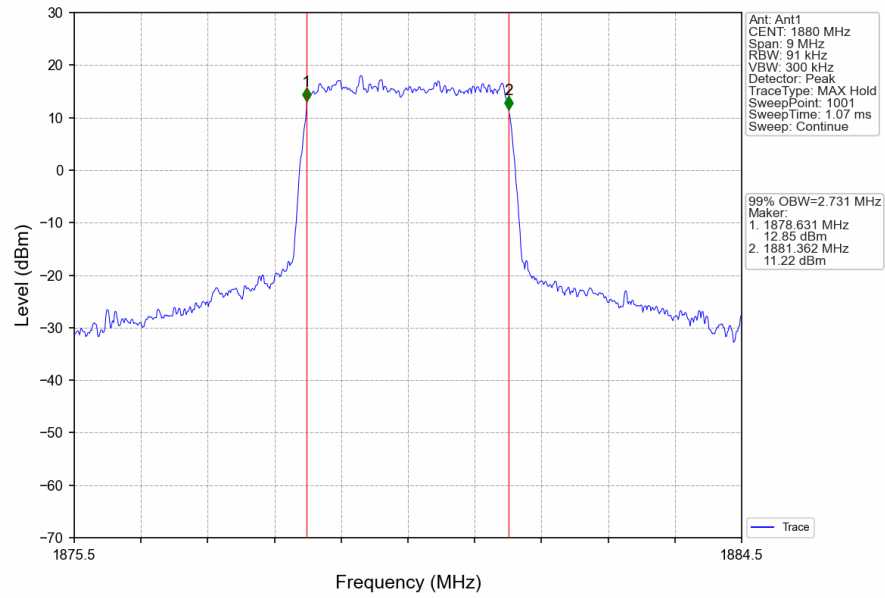
Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTNV



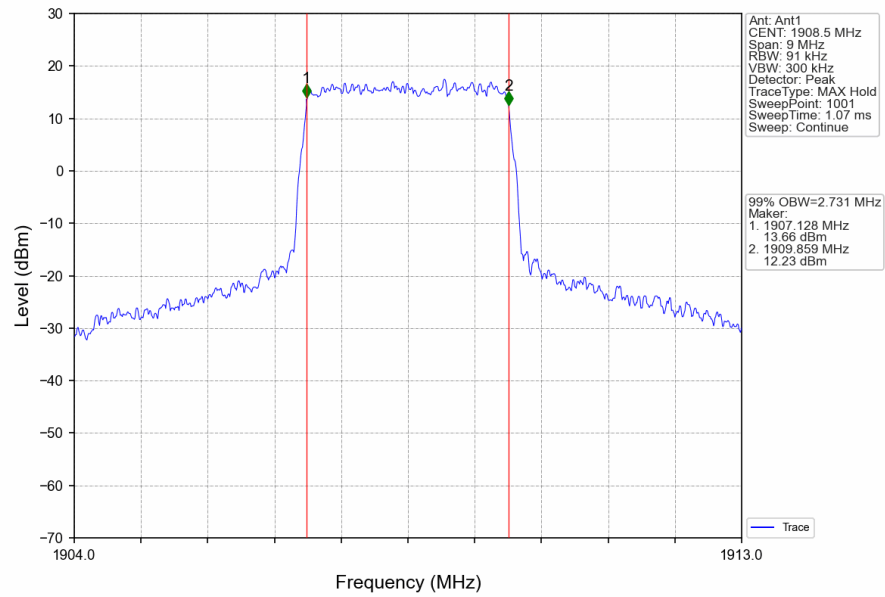
Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



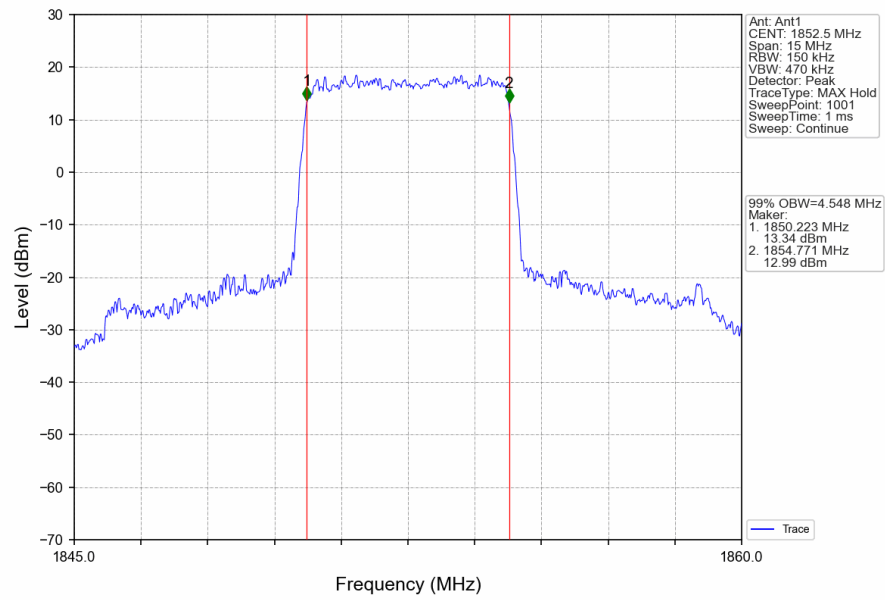
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTN



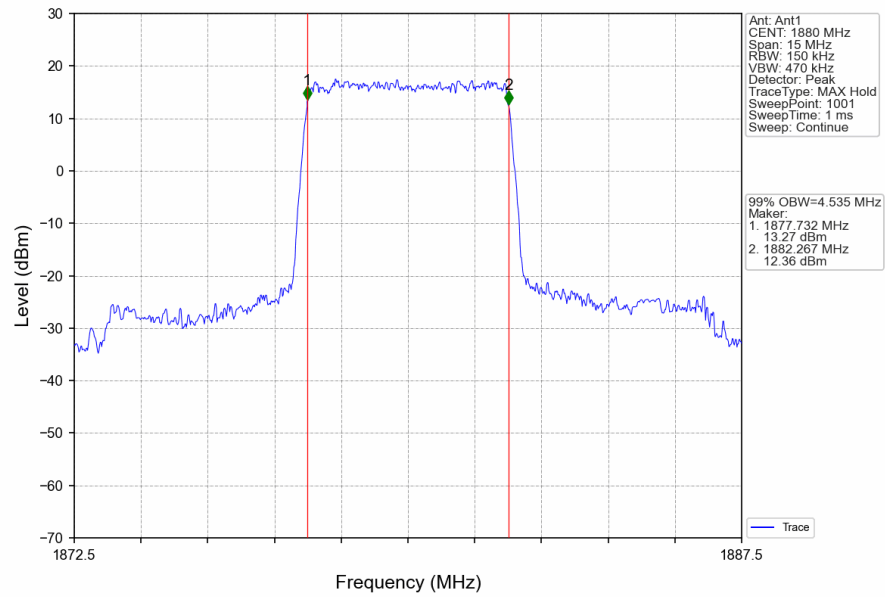
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTN



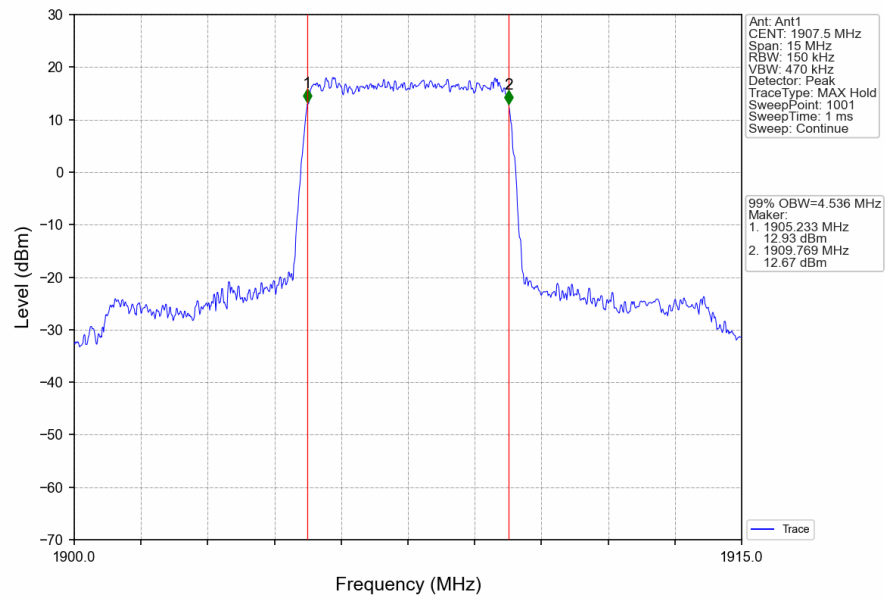
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTN



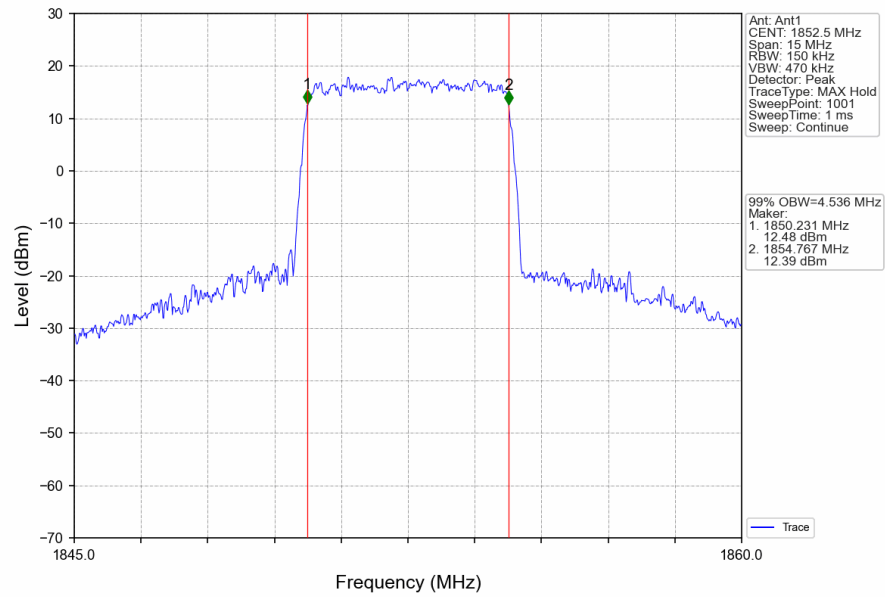
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTN



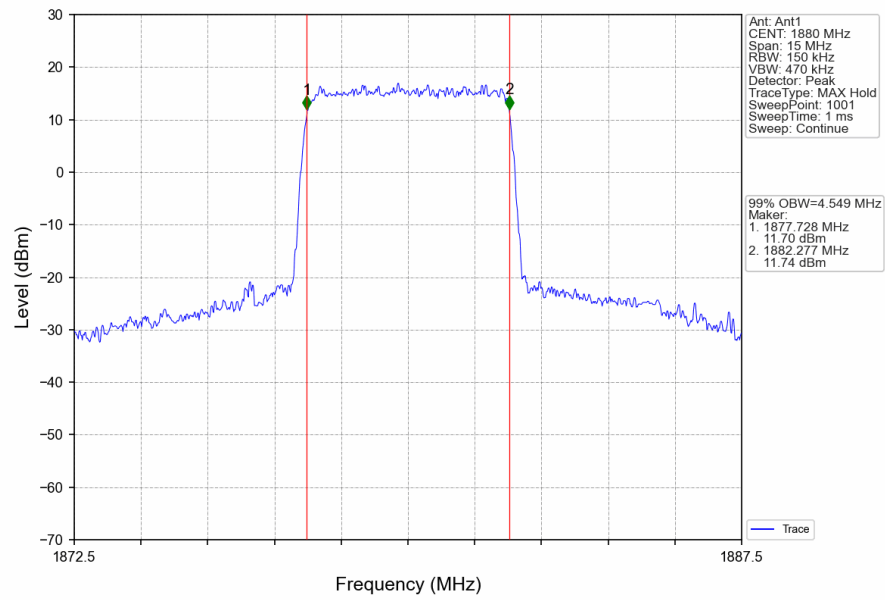
Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTNV



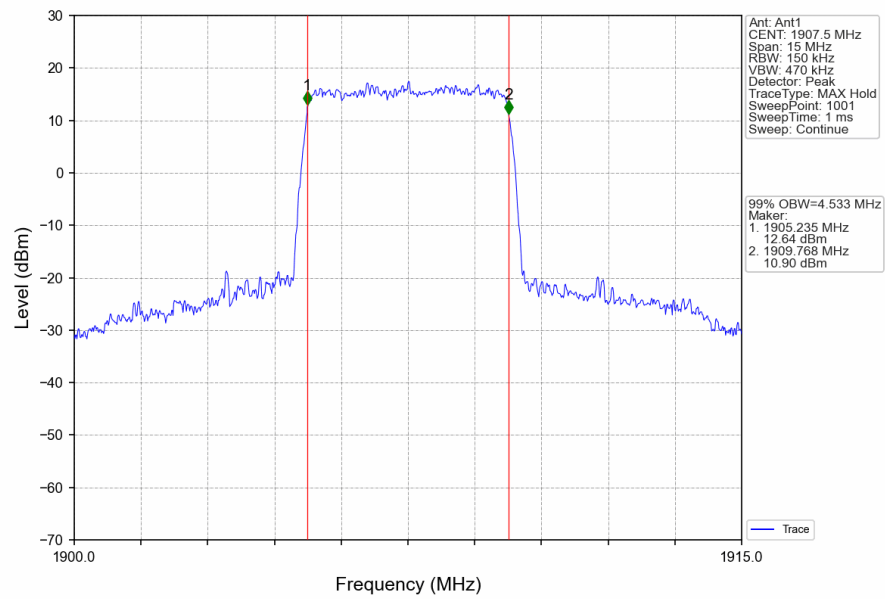
Band2 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



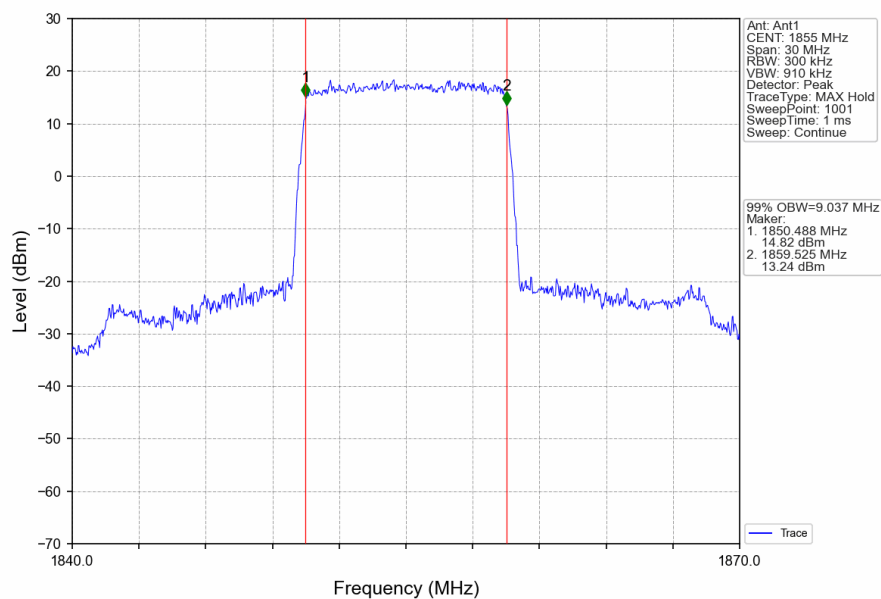
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTN



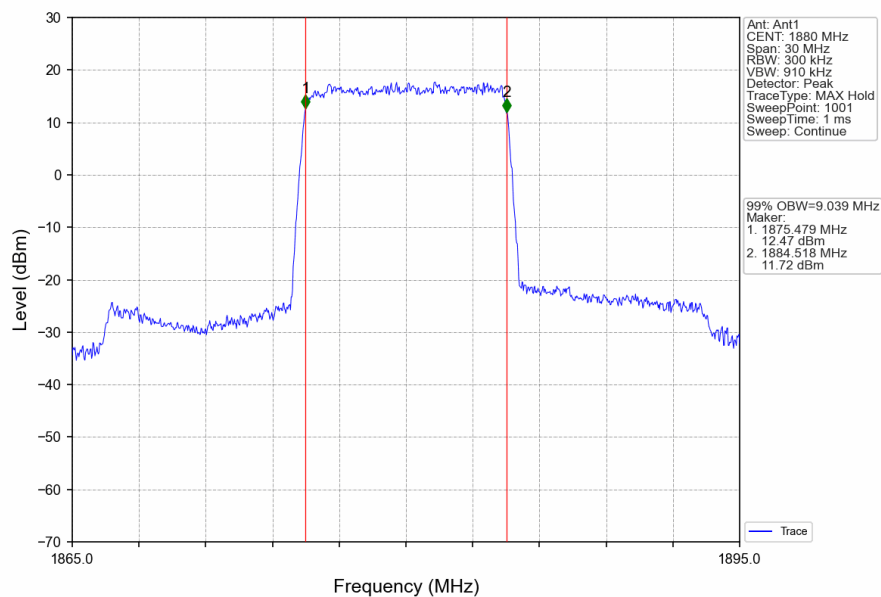
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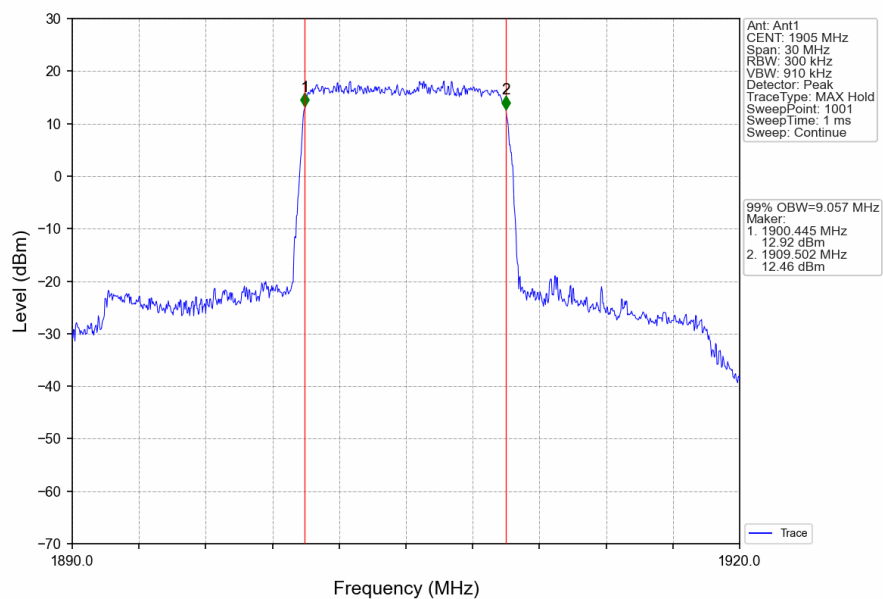
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTN



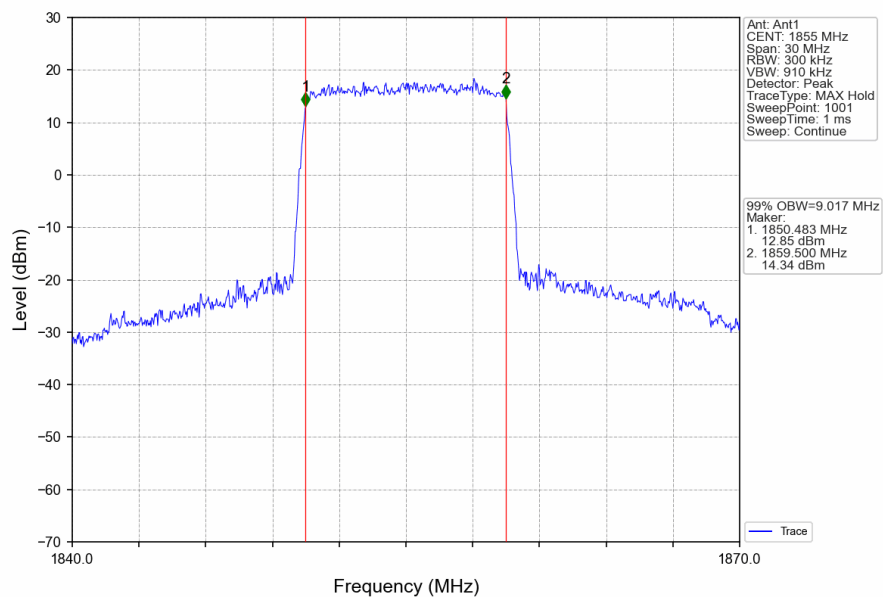
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTN



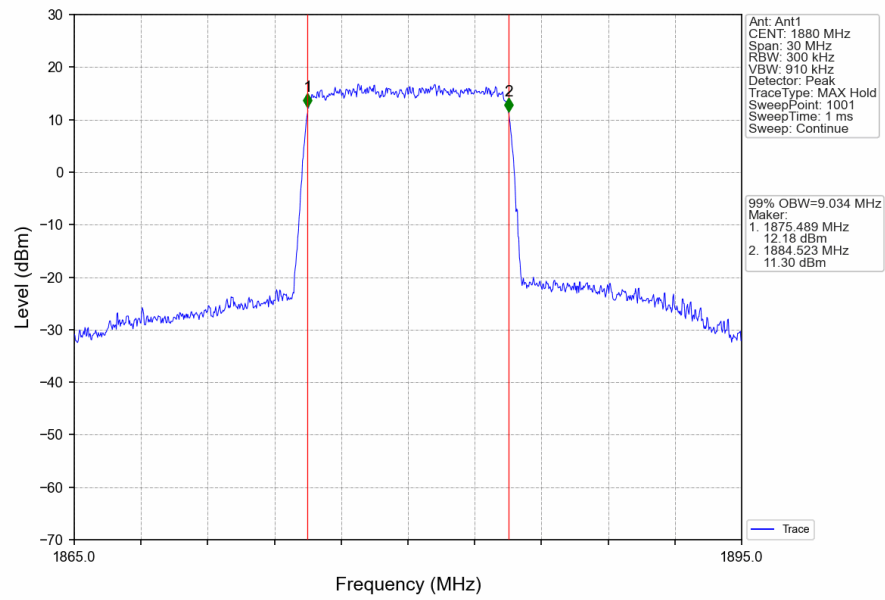
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTN



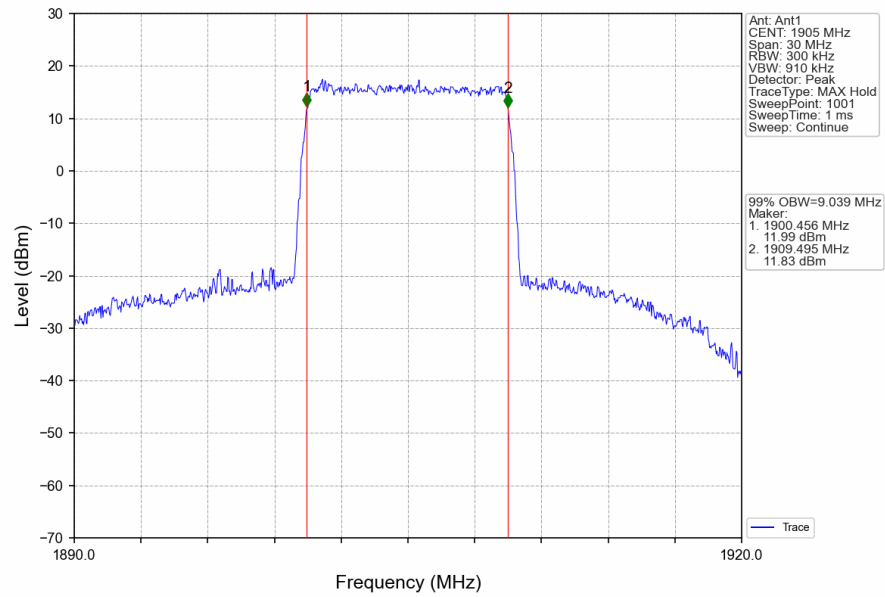
Band2 10MHz 16QAM LCH 1855MHz RB 50 0 NTN



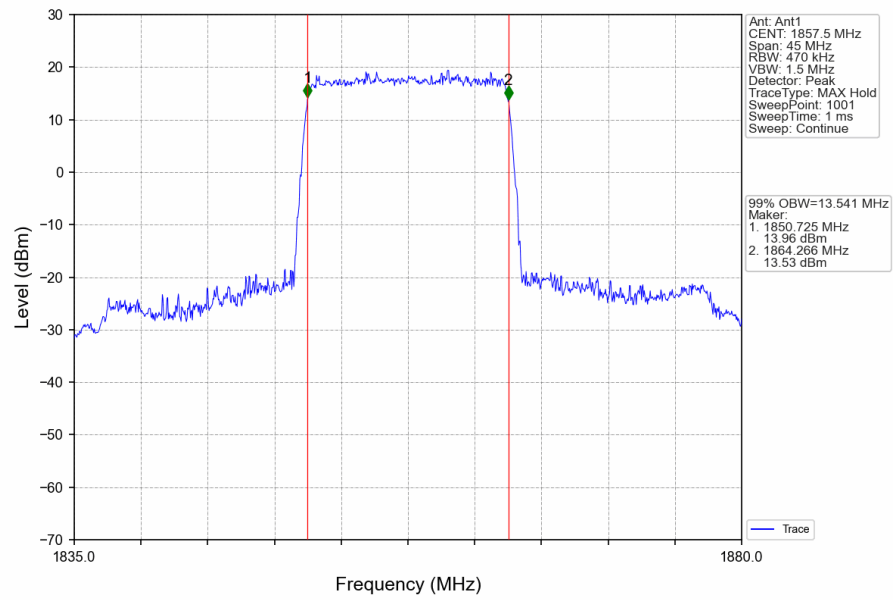
Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTNV



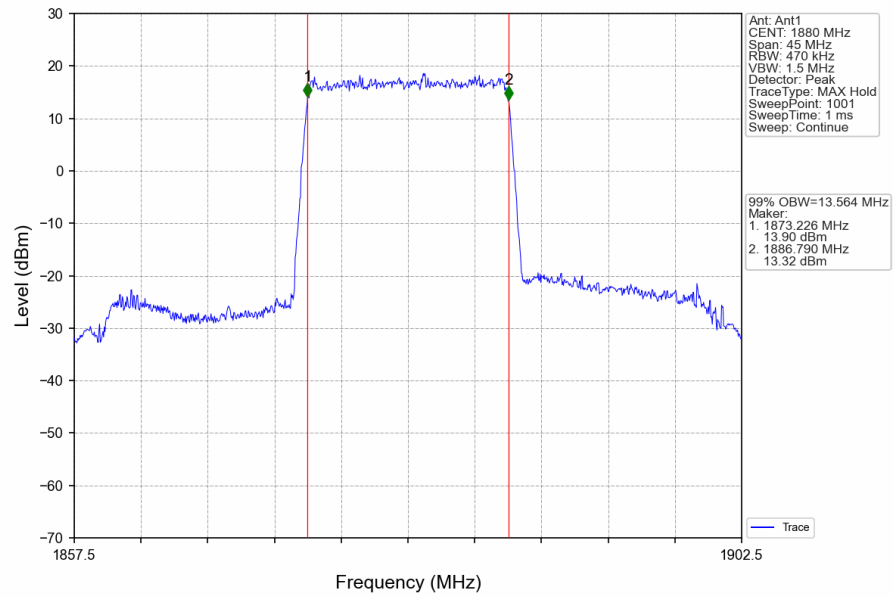
Band2 10MHz 16QAM HCH 1905MHz RB 50 0 NTNV



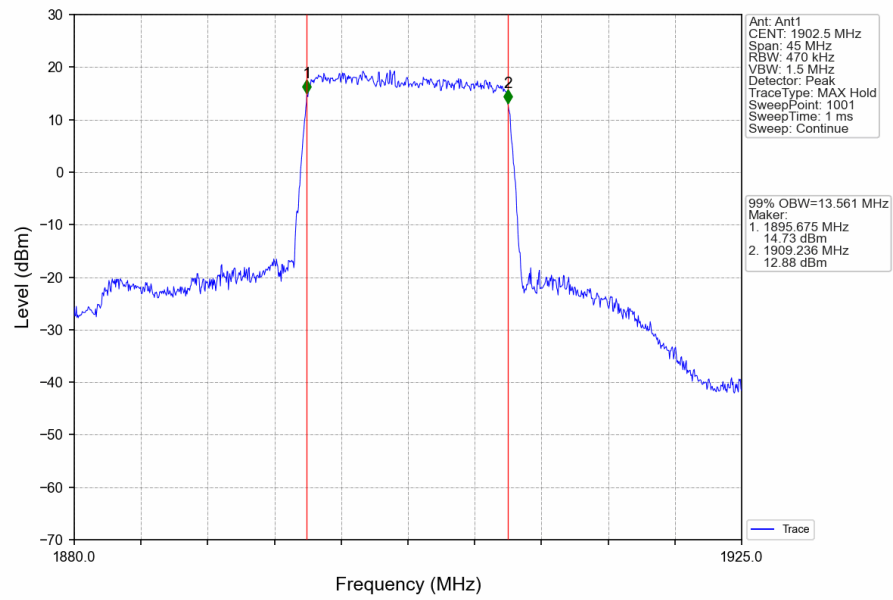
Band2 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



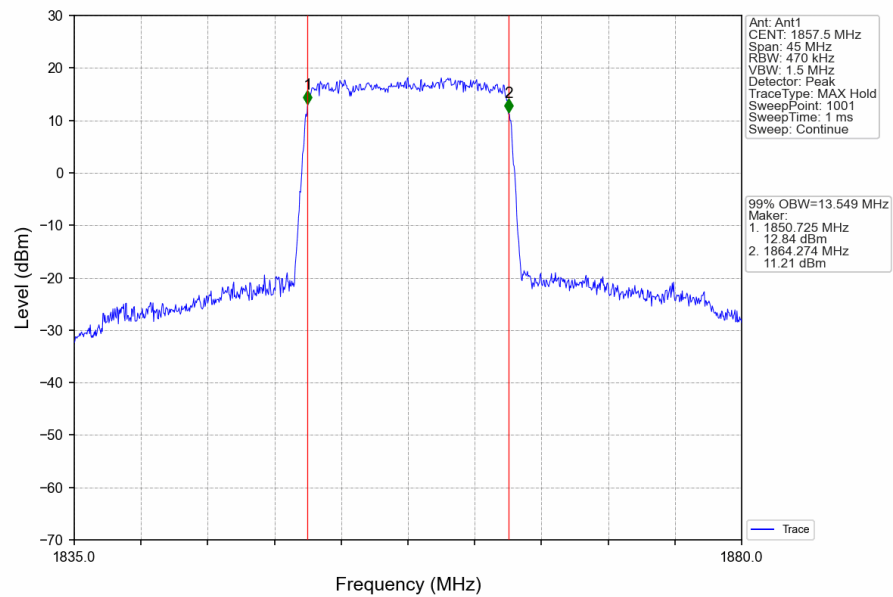
Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTNV



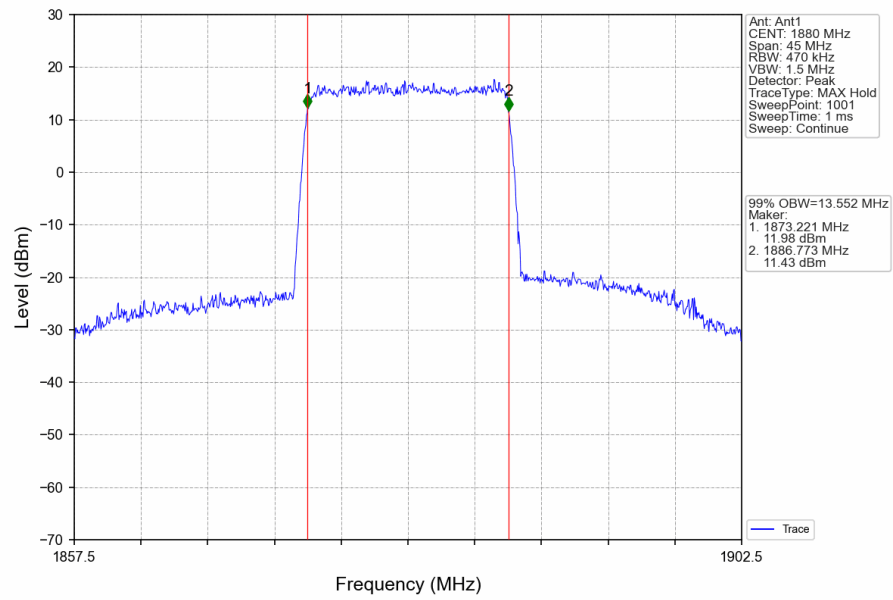
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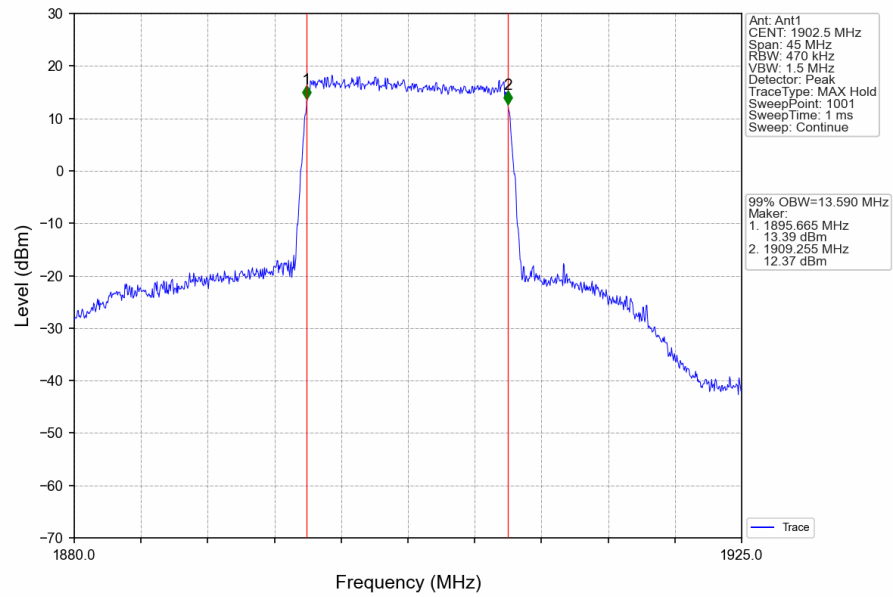
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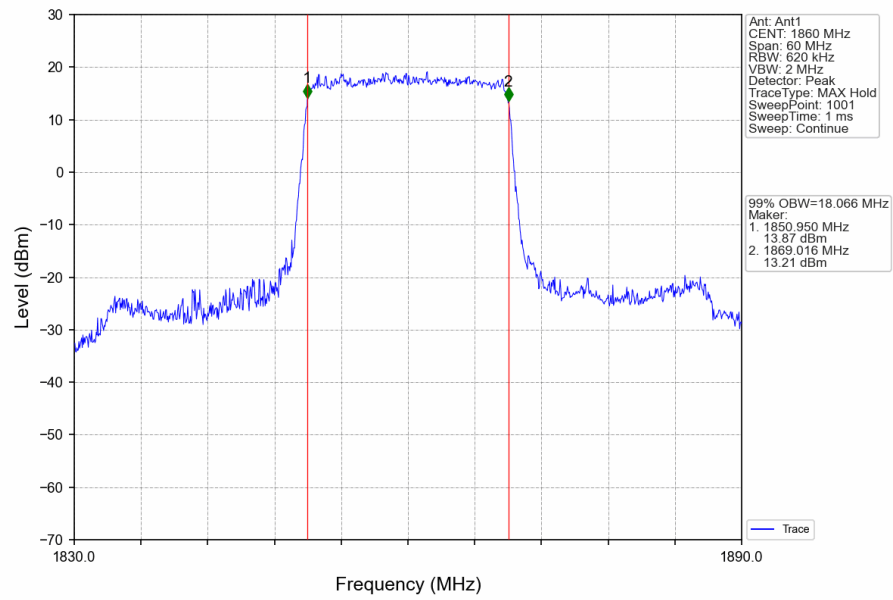
Band2 15MHz 16QAM MCH 1880MHz RB 75 0 NTNV



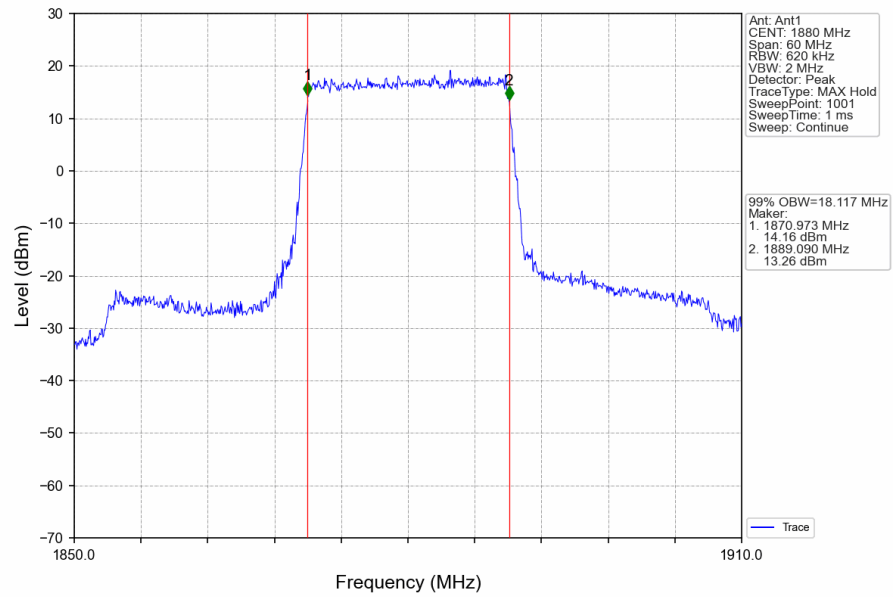
Band2 15MHz 16QAM HCH 1902.5MHz RB 75 0 NTNV



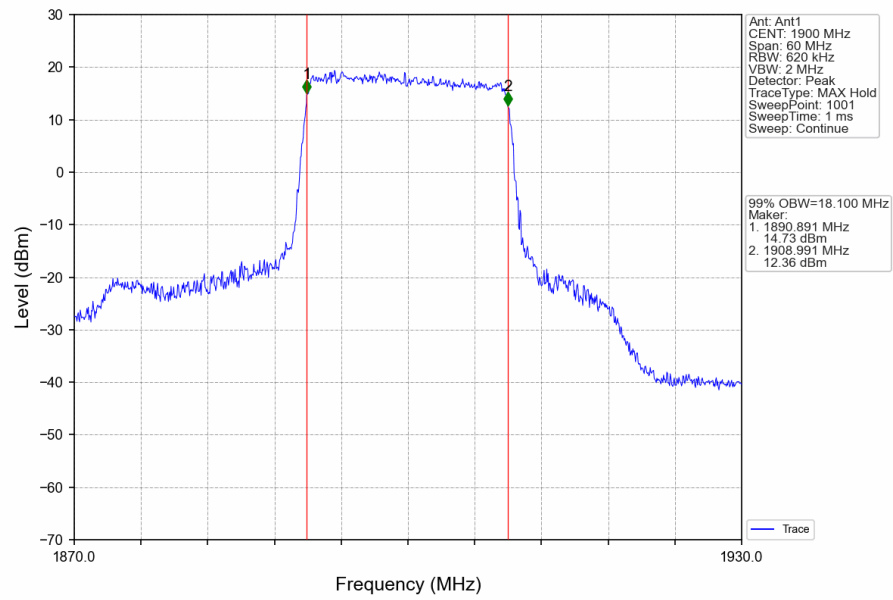
Band2 20MHz QPSK LCH 1860MHz RB 100 0 NTNV



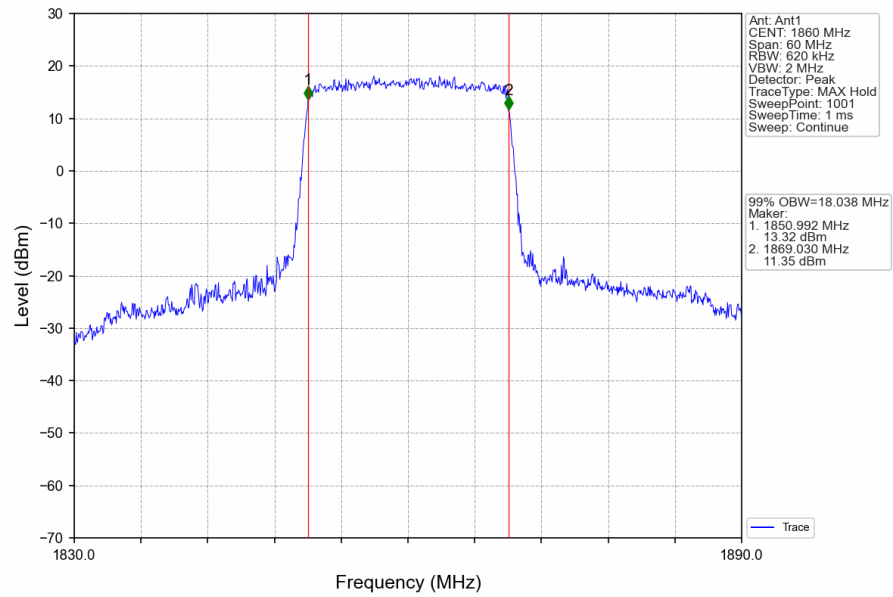
Band2 20MHz QPSK MCH 1880MHz RB 100 0 NTNV



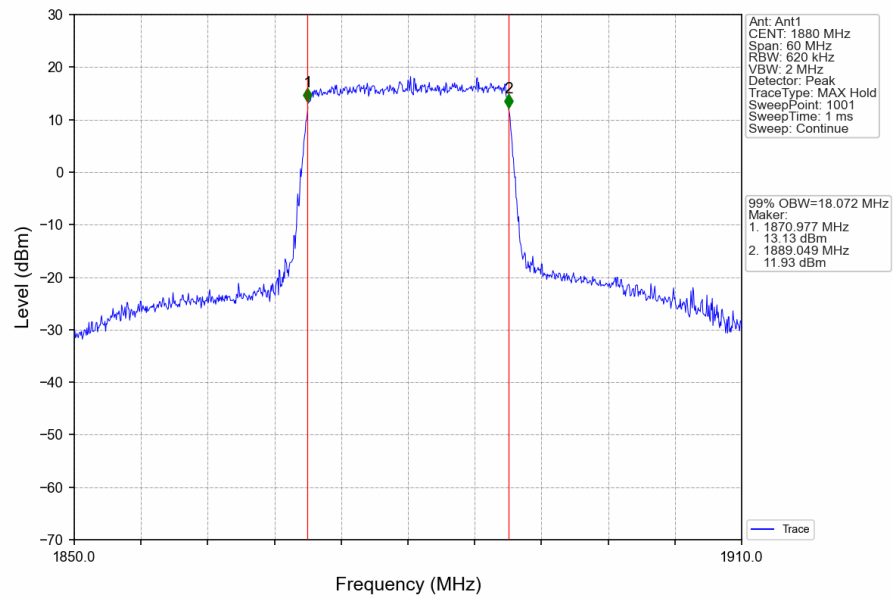
Band2 20MHz QPSK HCH 1900MHz RB 100 0 NTNV



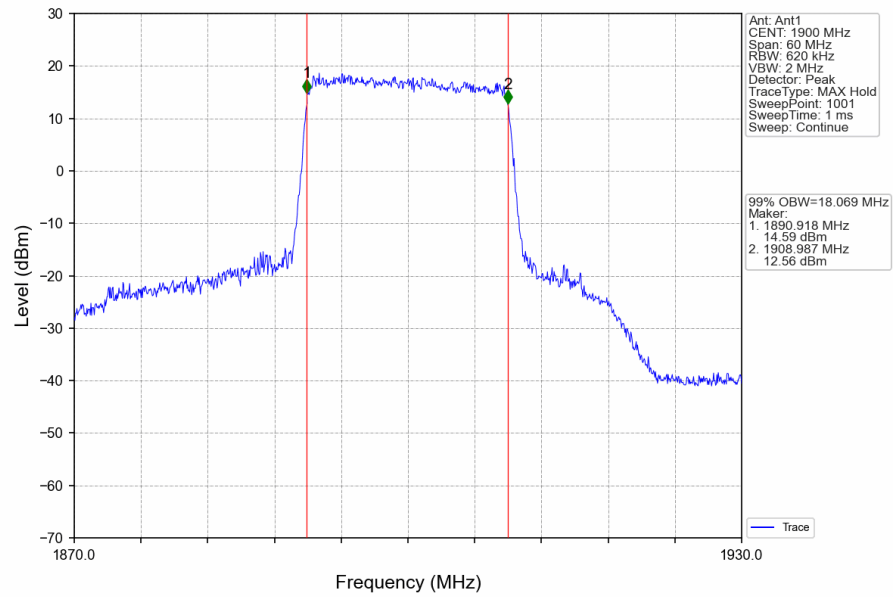
Band2 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTN



Band2 20MHz 16QAM HCH 1900MHz RB 100 0 NTN

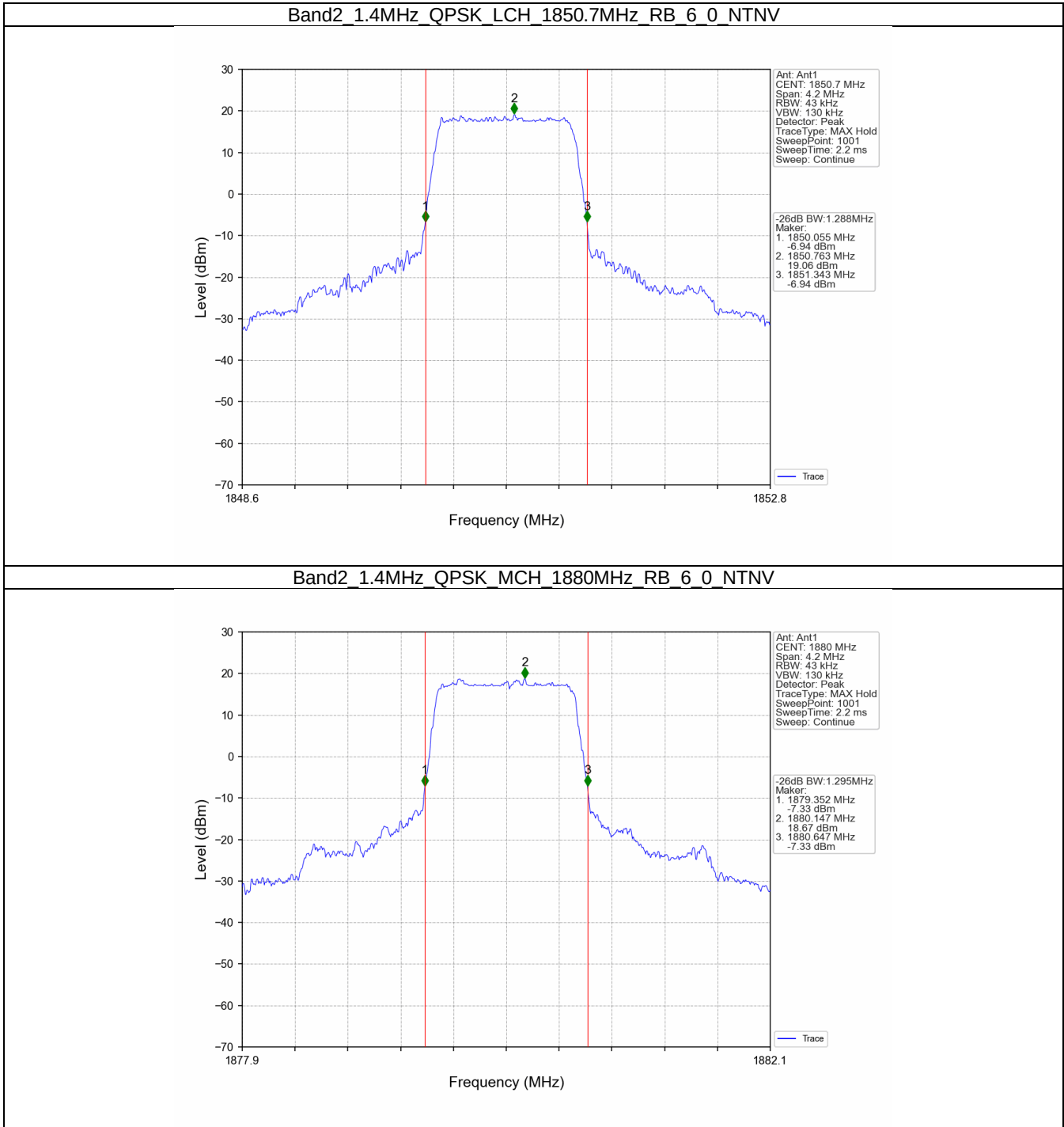


1.2 Band2_XDB

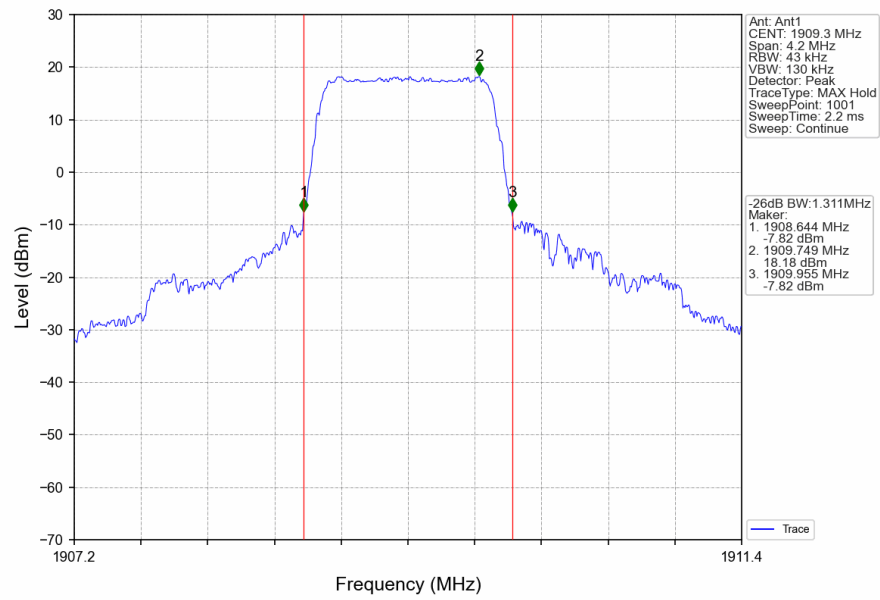
1.2.1 Test Result

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.288	Pass
		1880	6	0	1.295	Pass
		1909.3	6	0	1.311	Pass
	16QAM	1850.7	6	0	1.293	Pass
		1880	6	0	1.293	Pass
		1909.3	6	0	1.297	Pass
3	QPSK	1851.5	15	0	2.995	Pass
		1880	15	0	2.995	Pass
		1908.5	15	0	2.998	Pass
	16QAM	1851.5	15	0	2.997	Pass
		1880	15	0	2.990	Pass
		1908.5	15	0	3.004	Pass
5	QPSK	1852.5	25	0	4.992	Pass
		1880	25	0	4.979	Pass
		1907.5	25	0	4.955	Pass
	16QAM	1852.5	25	0	4.972	Pass
		1880	25	0	4.947	Pass
		1907.5	25	0	4.966	Pass
10	QPSK	1855	50	0	9.844	Pass
		1880	50	0	9.827	Pass
		1905	50	0	9.832	Pass
	16QAM	1855	50	0	9.810	Pass
		1880	50	0	9.837	Pass
		1905	50	0	9.829	Pass
15	QPSK	1857.5	75	0	14.753	Pass
		1880	75	0	14.690	Pass
		1902.5	75	0	14.707	Pass
	16QAM	1857.5	75	0	14.692	Pass
		1880	75	0	14.757	Pass
		1902.5	75	0	14.703	Pass
20	QPSK	1860	100	0	19.888	Pass
		1880	100	0	19.988	Pass
		1900	100	0	19.943	Pass
	16QAM	1860	100	0	19.773	Pass
		1880	100	0	19.837	Pass
		1900	100	0	19.767	Pass

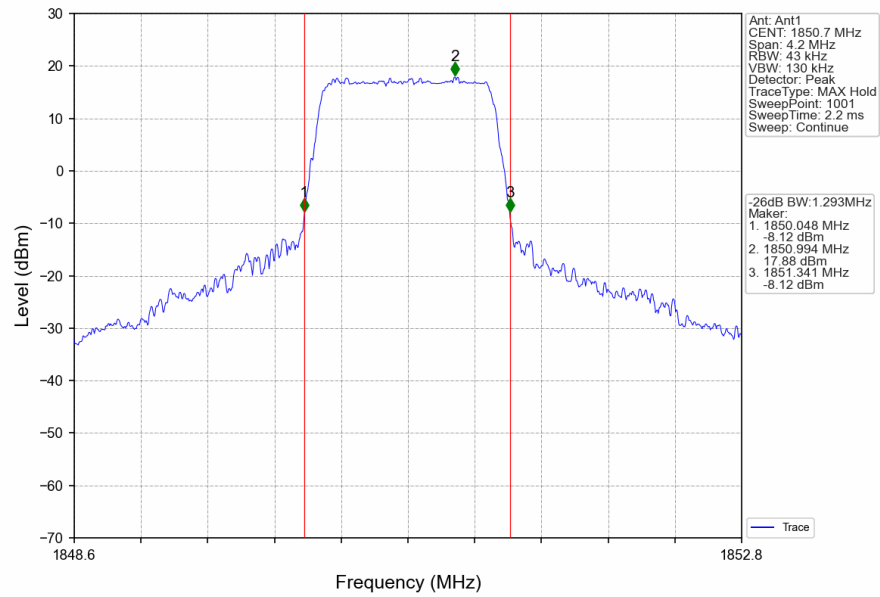
1.2.2 Test Graph



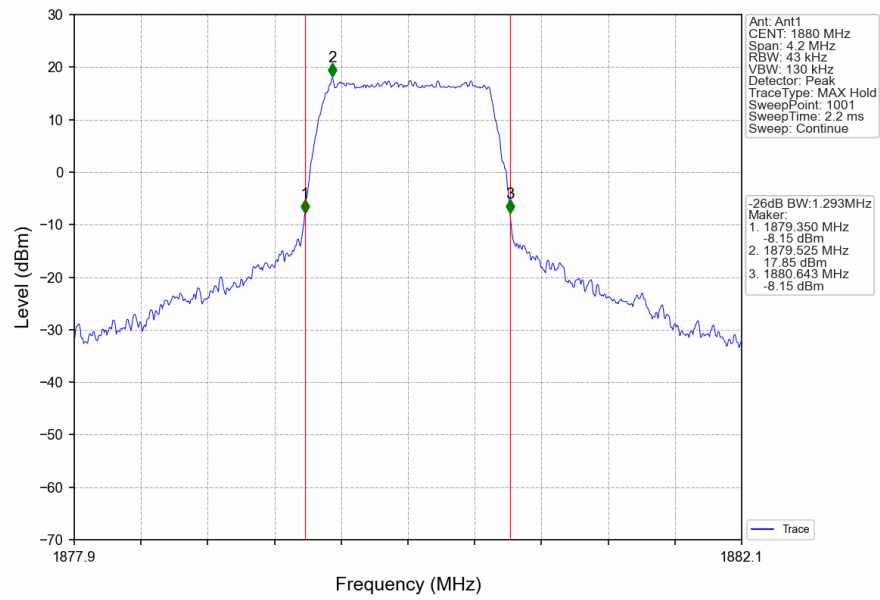
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTNV



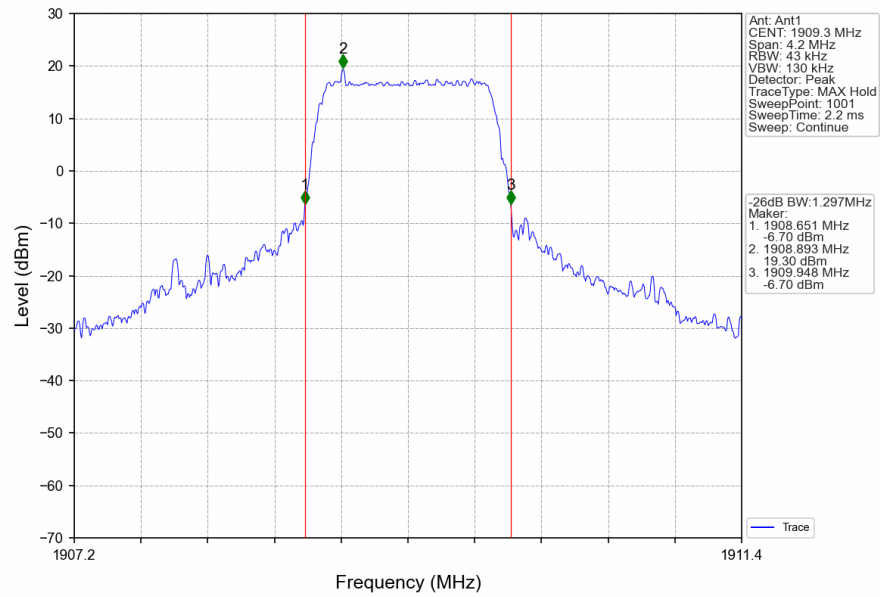
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



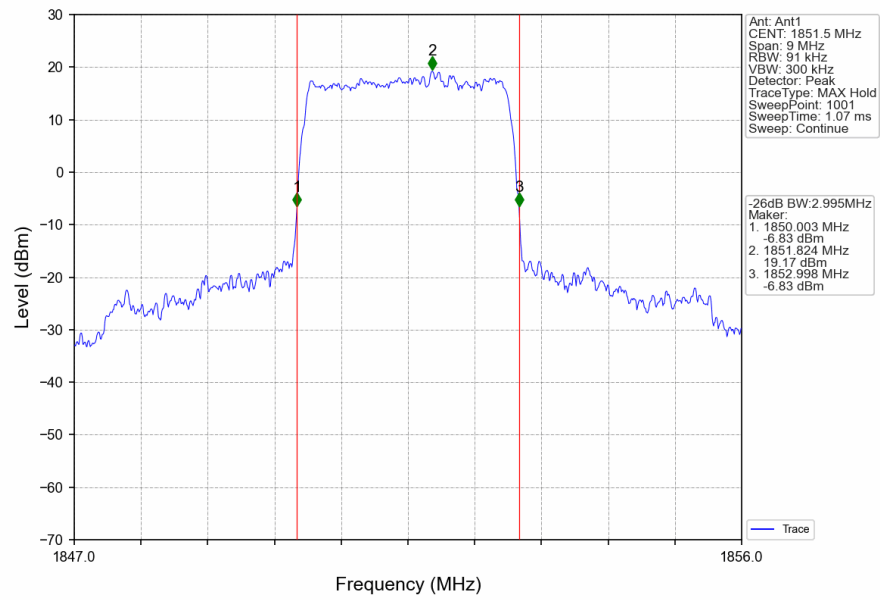
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



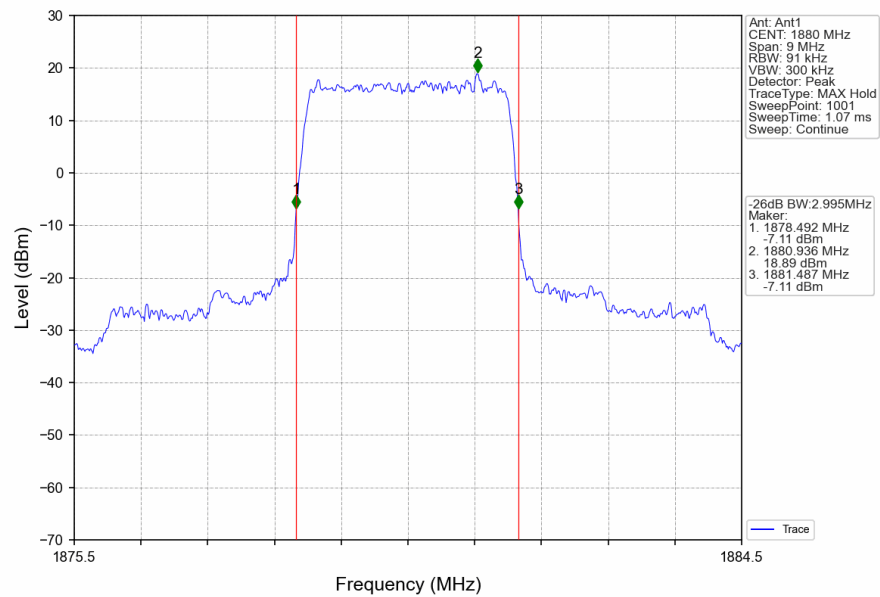
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



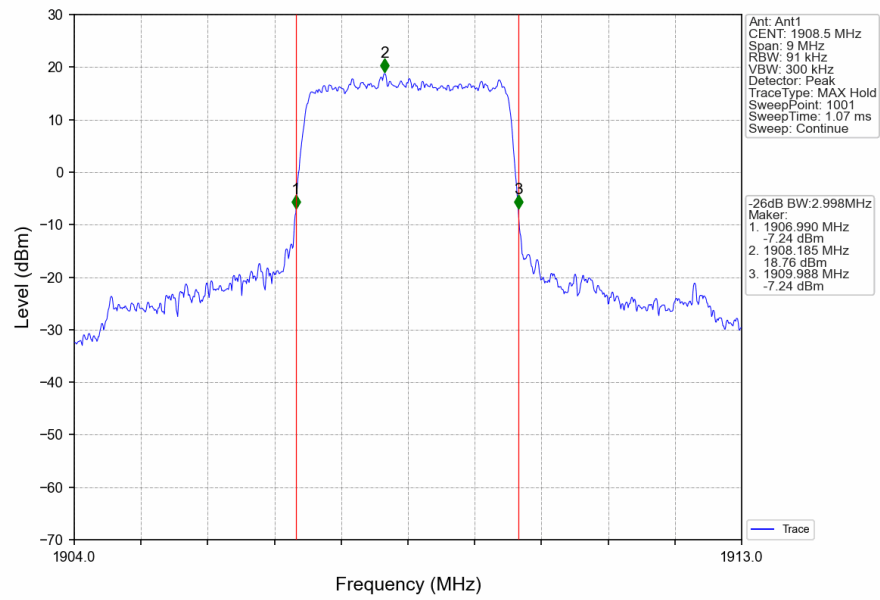
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTN



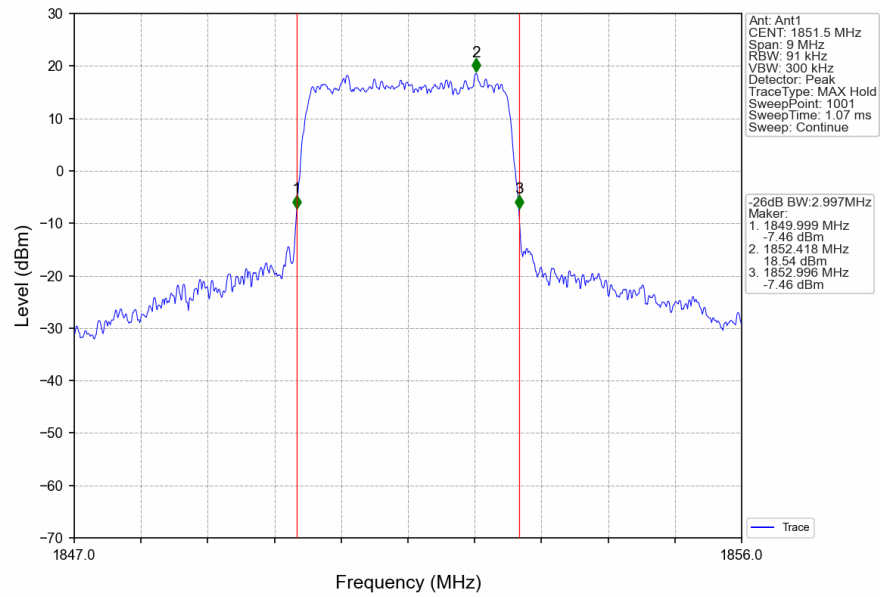
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTN



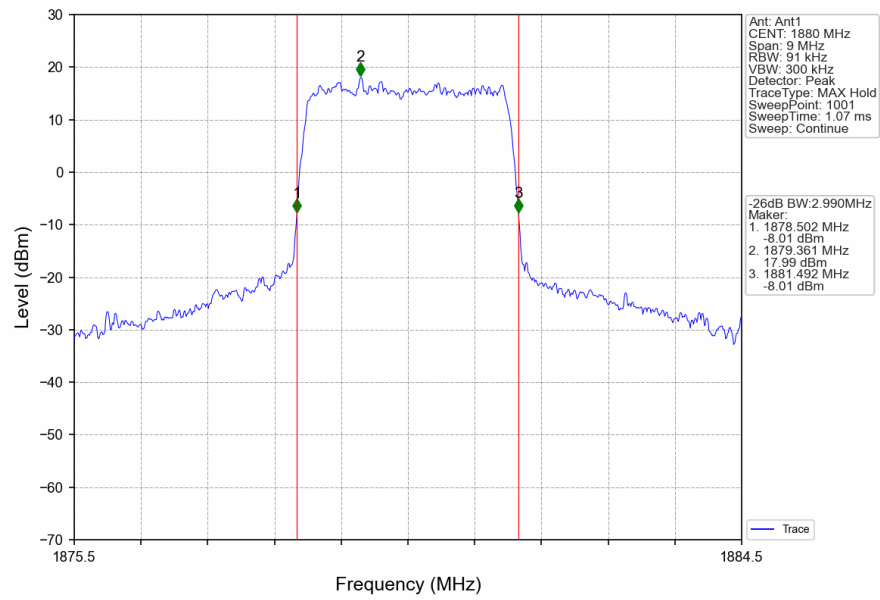
Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTNV



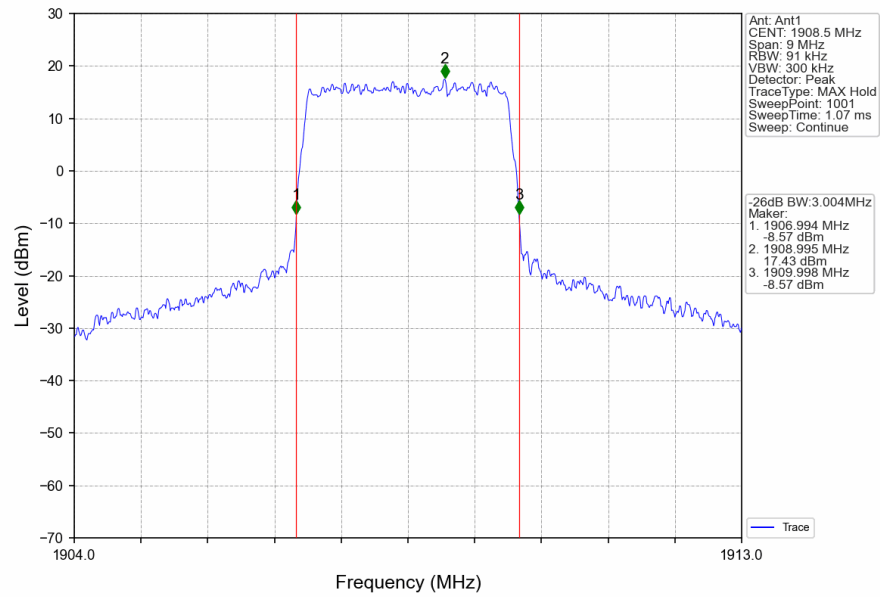
Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



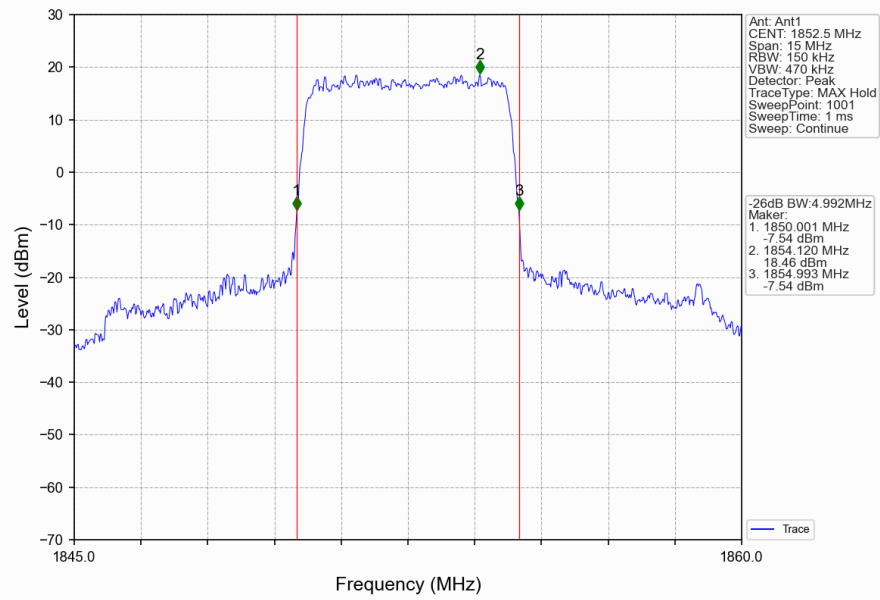
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTV



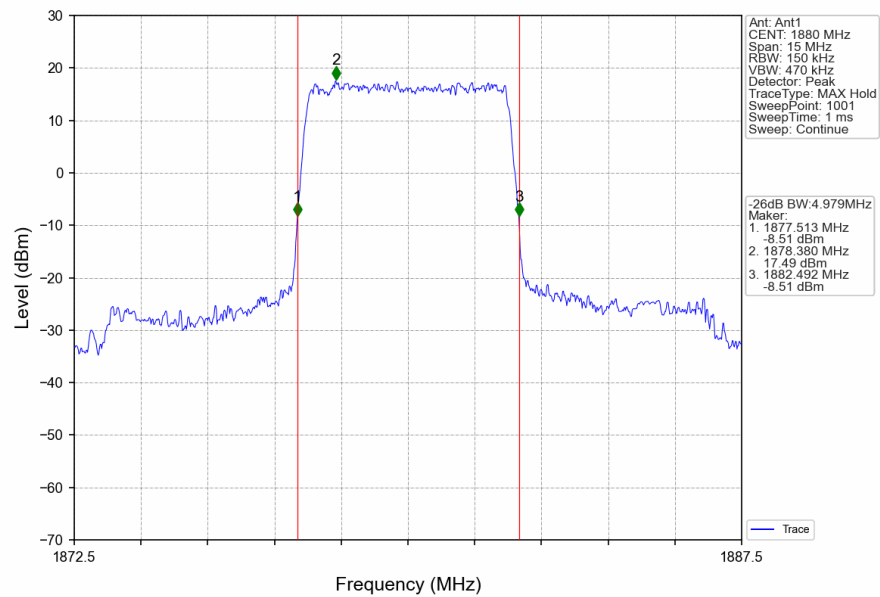
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTV



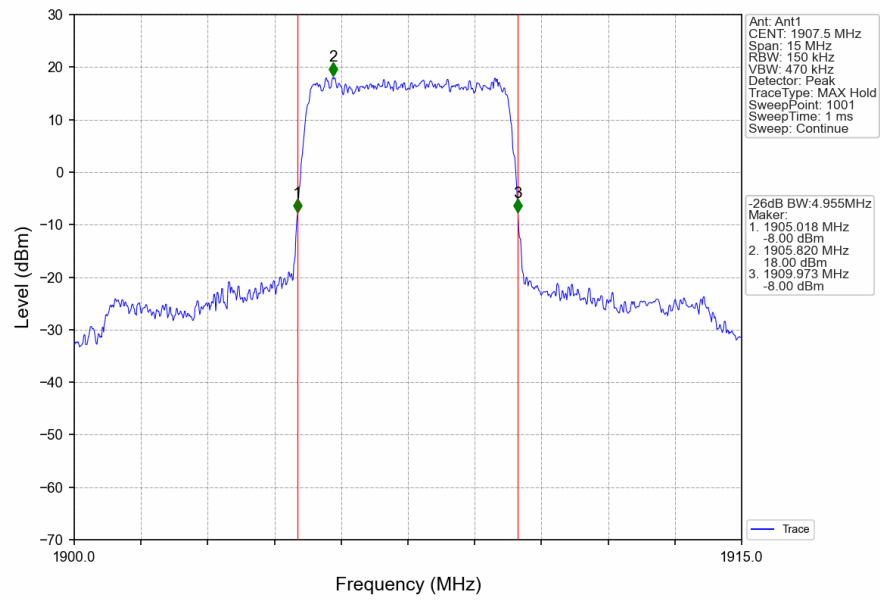
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



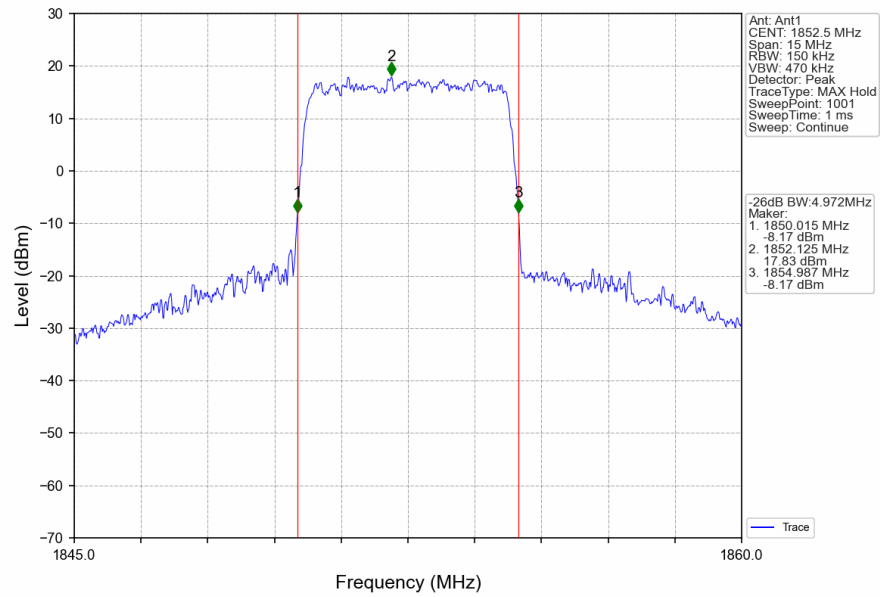
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTNV



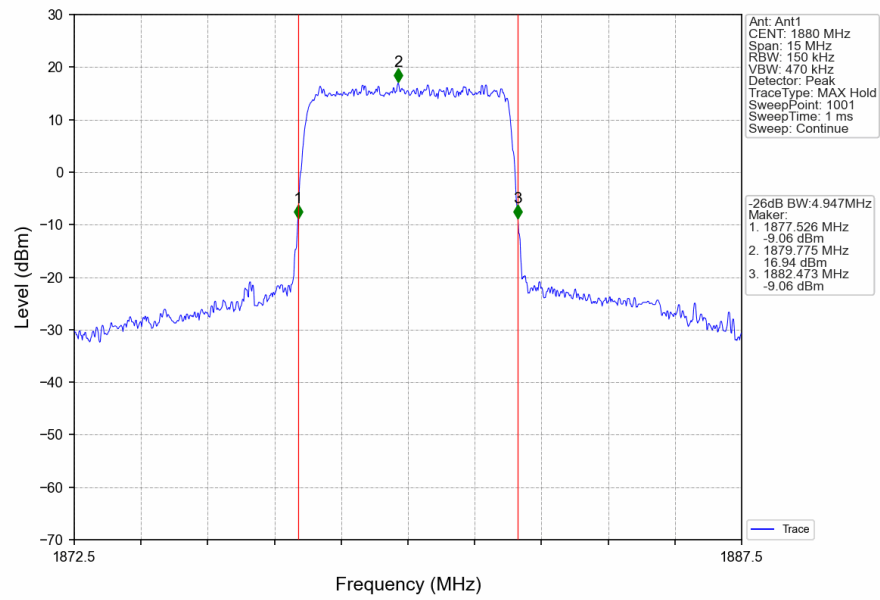
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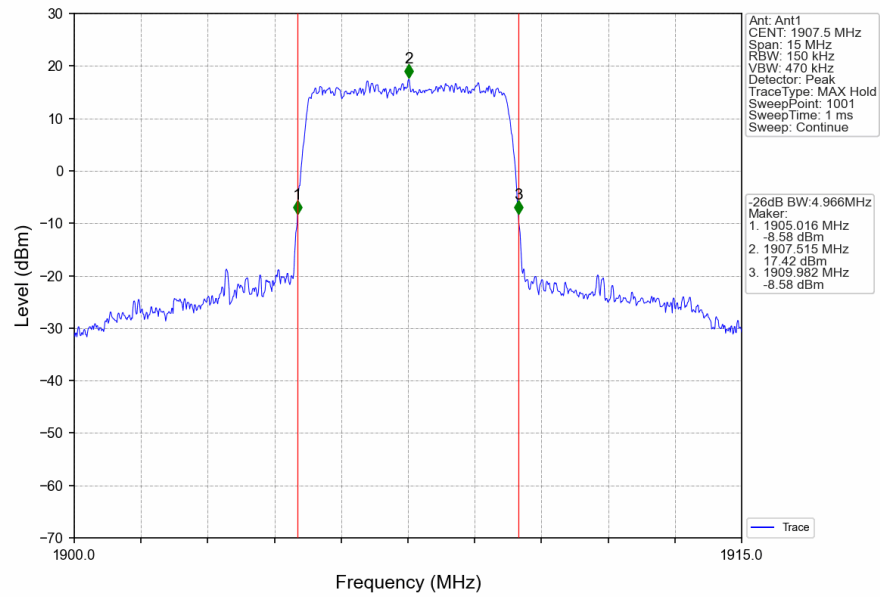
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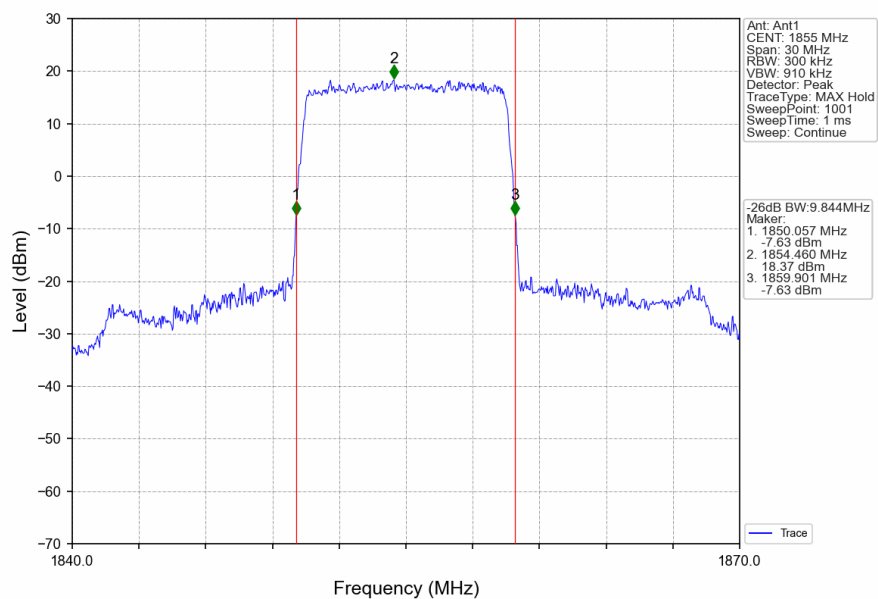
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTN



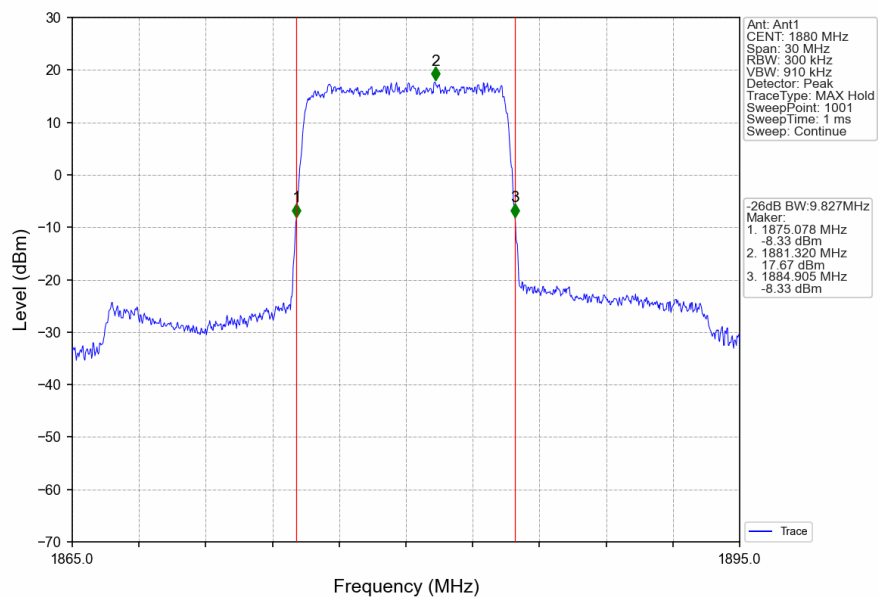
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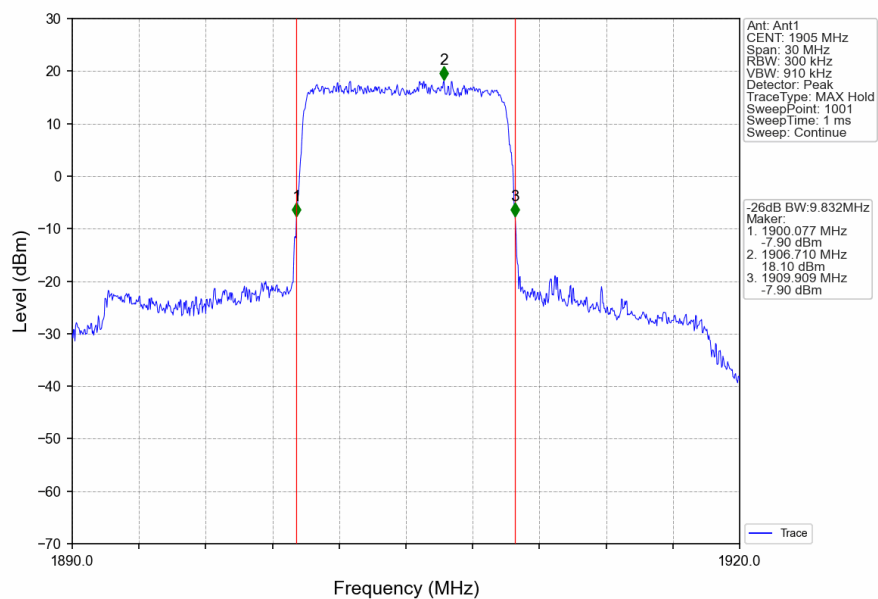
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTNV



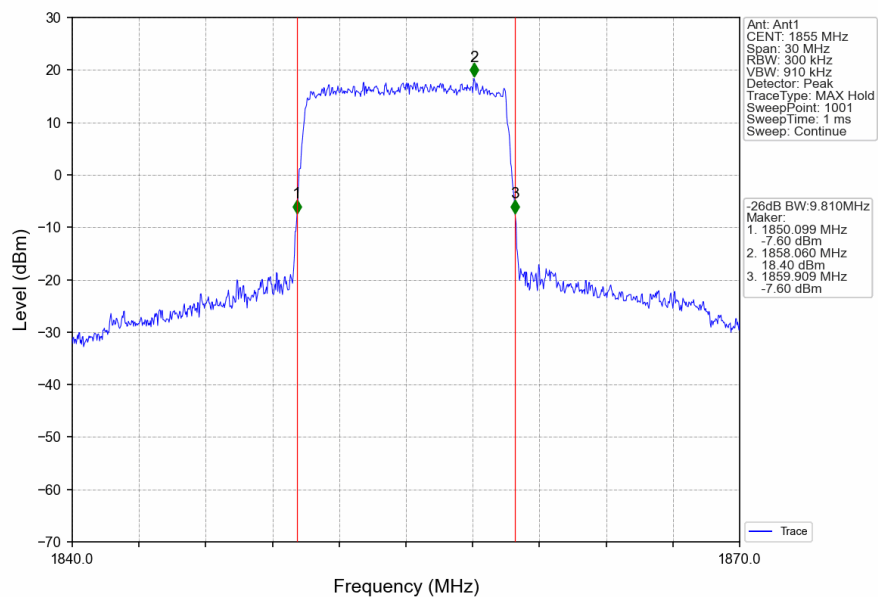
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTNV



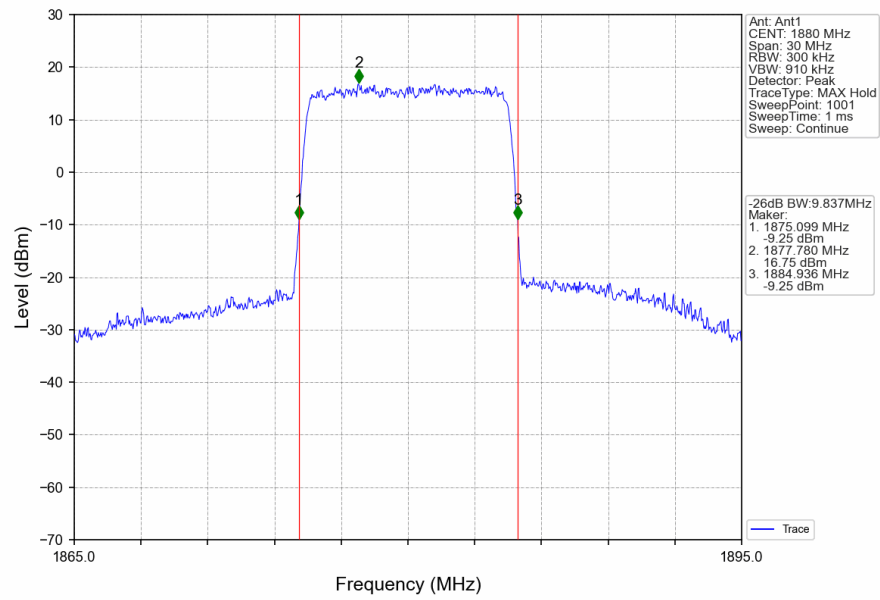
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTN



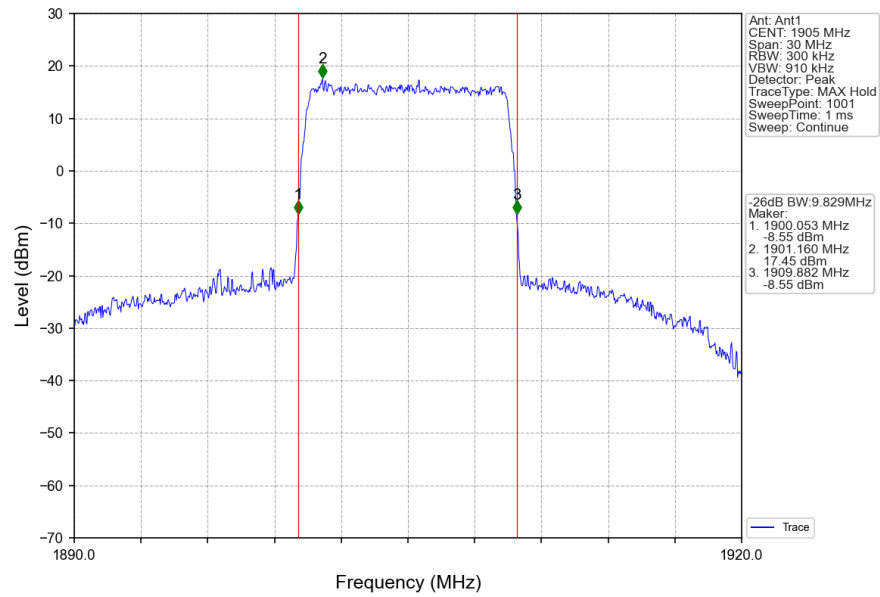
Band2 10MHz 16QAM LCH 1855MHz RB 50 0 NTN



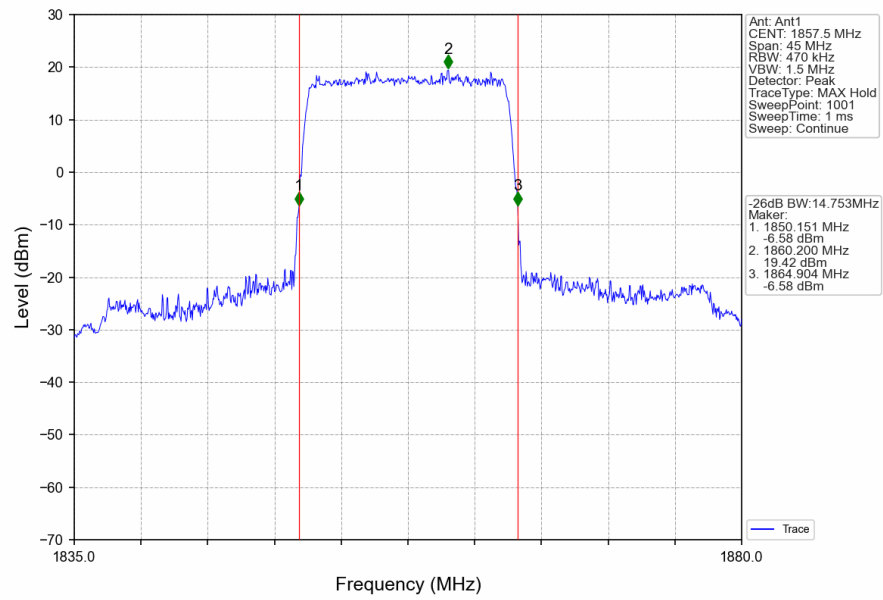
Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTNV



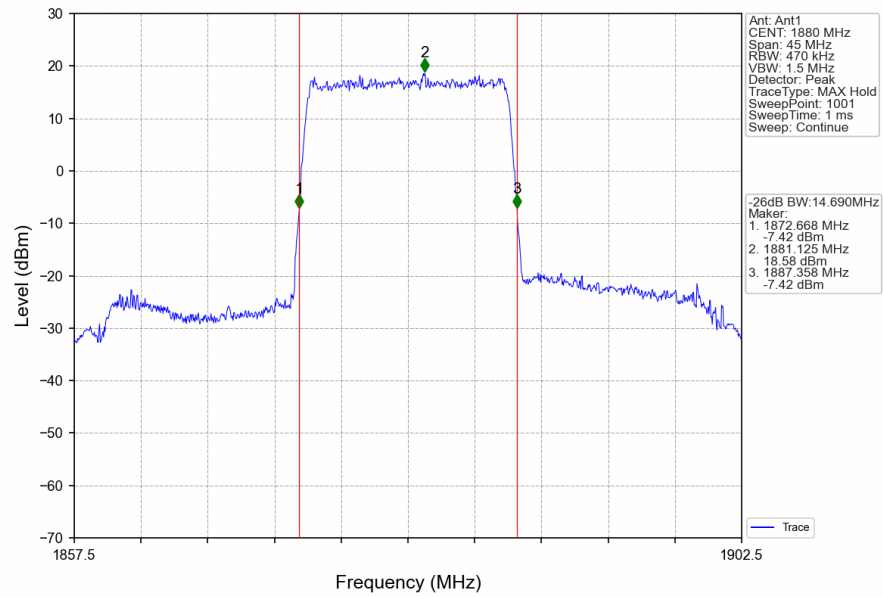
Band2 10MHz 16QAM HCH 1905MHz RB 50 0 NTNV



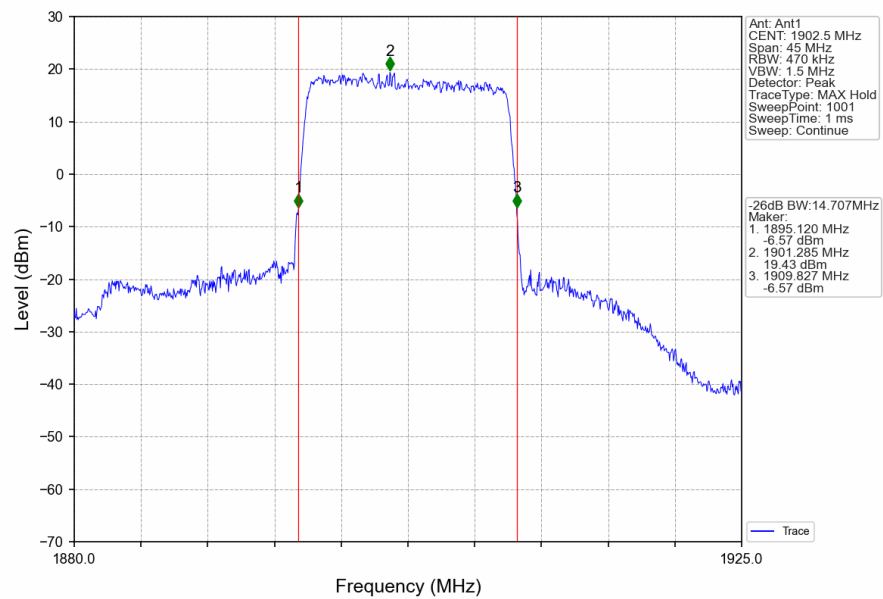
Band2 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



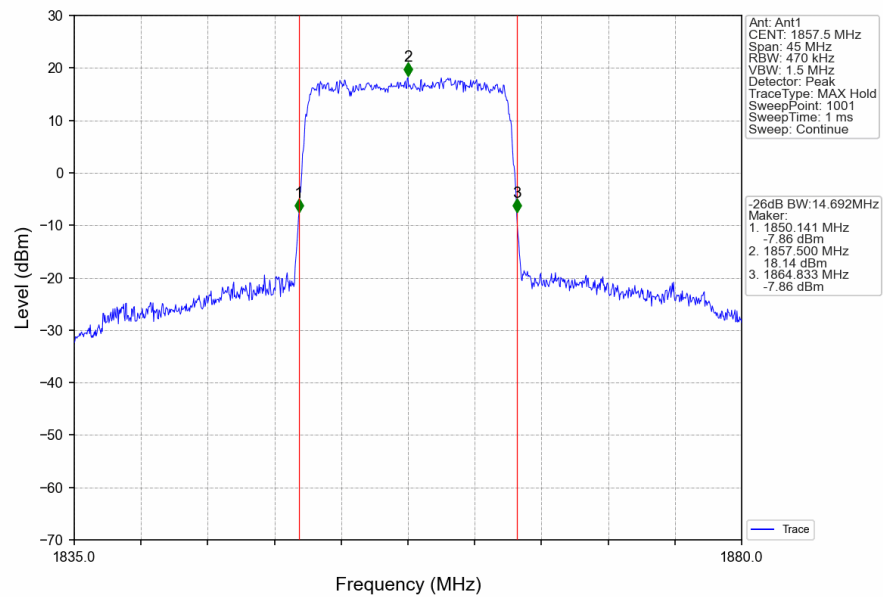
Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTNV



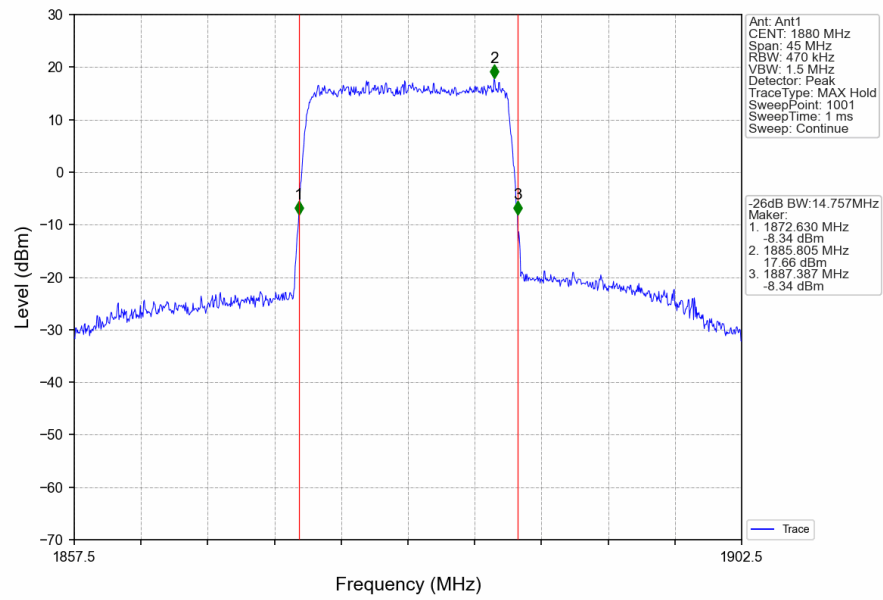
Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTNV



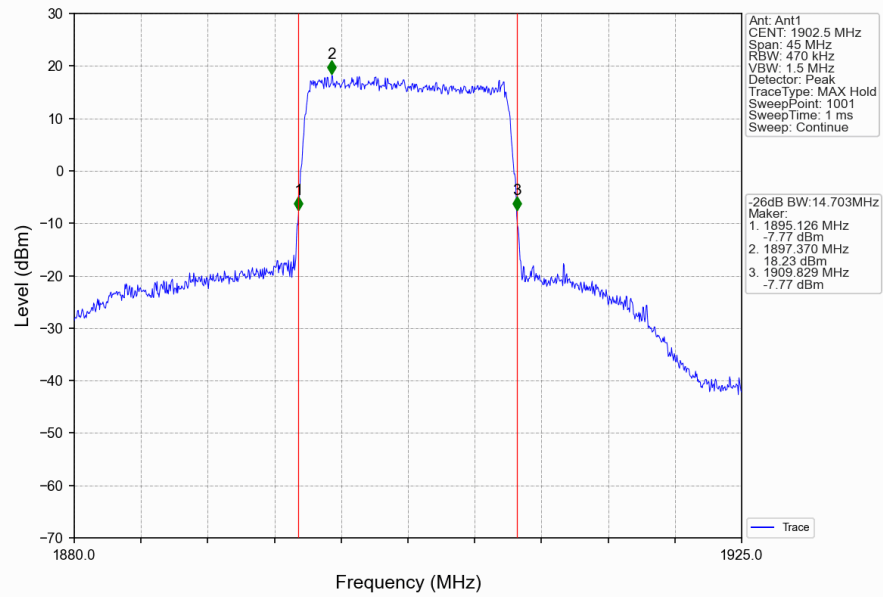
Band2 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



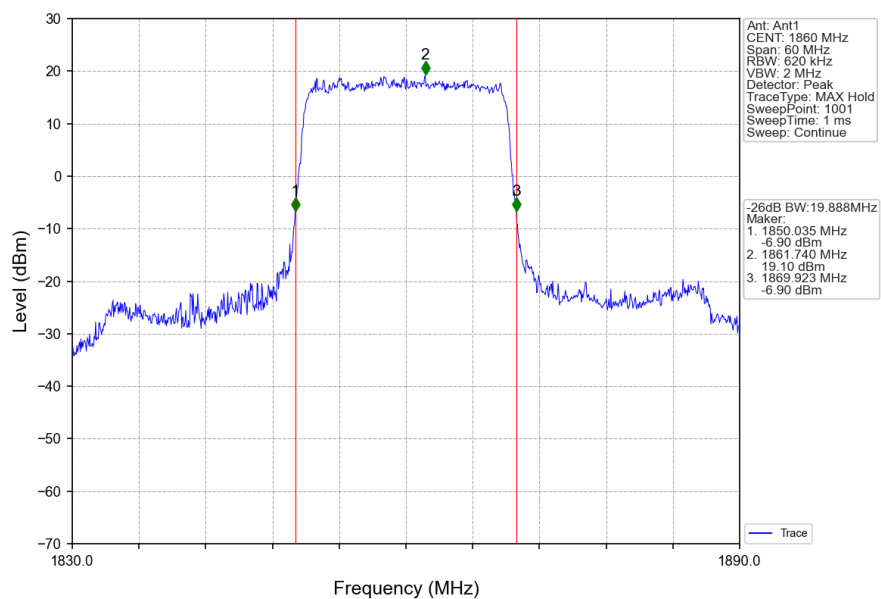
Band2 15MHz 16QAM MCH 1880MHz RB 75 0 NTNV



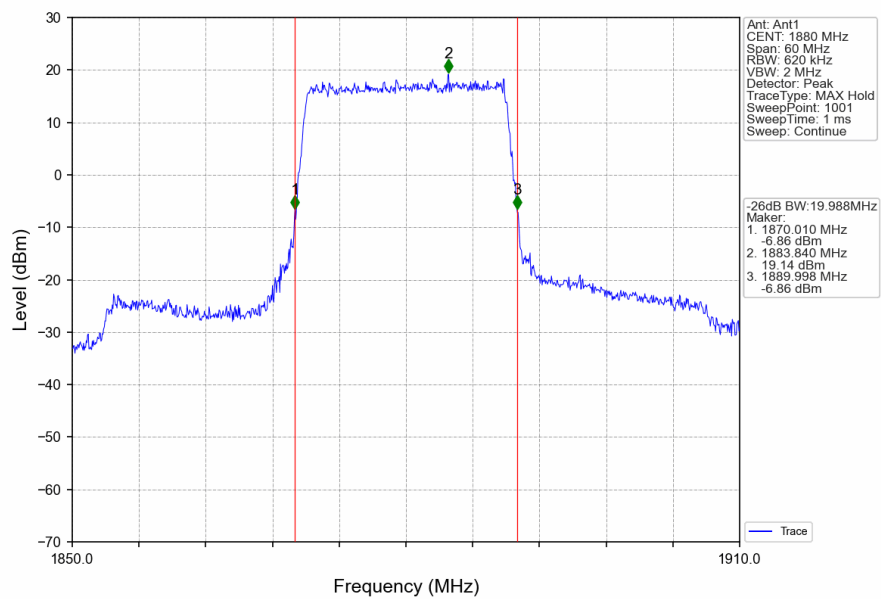
Band2 15MHz 16QAM HCH 1902.5MHz RB 75 0 NTNV



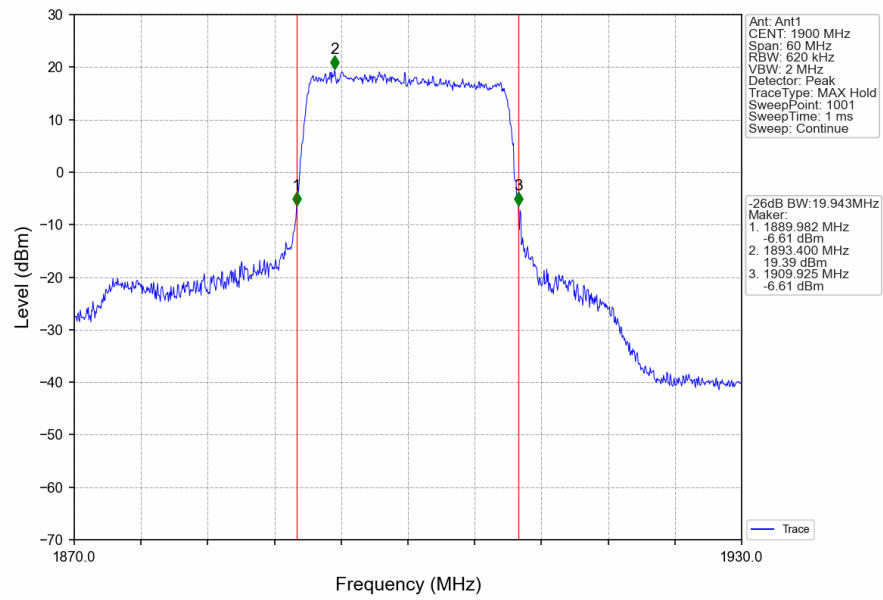
Band2 20MHz QPSK LCH 1860MHz RB 100 0 NTV



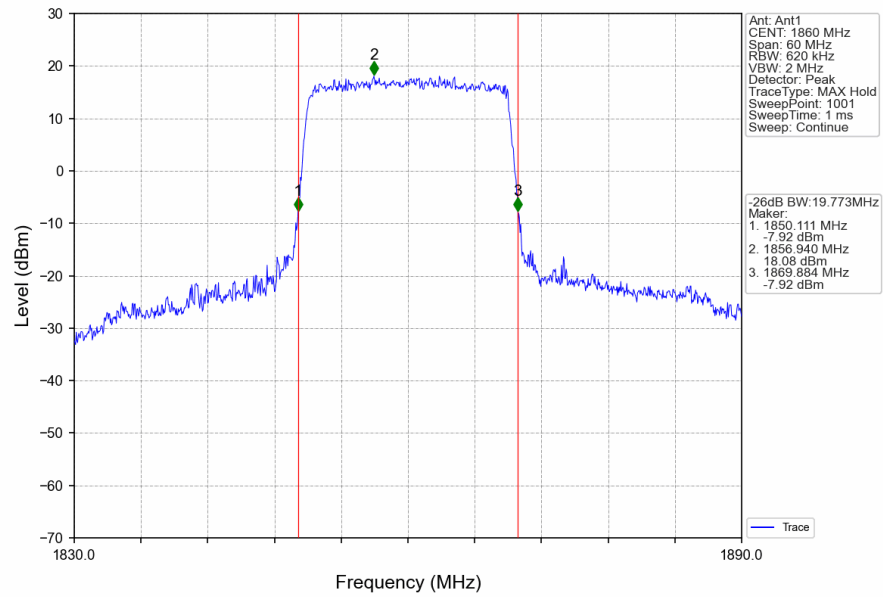
Band2 20MHz QPSK MCH 1880MHz RB 100 0 NTV



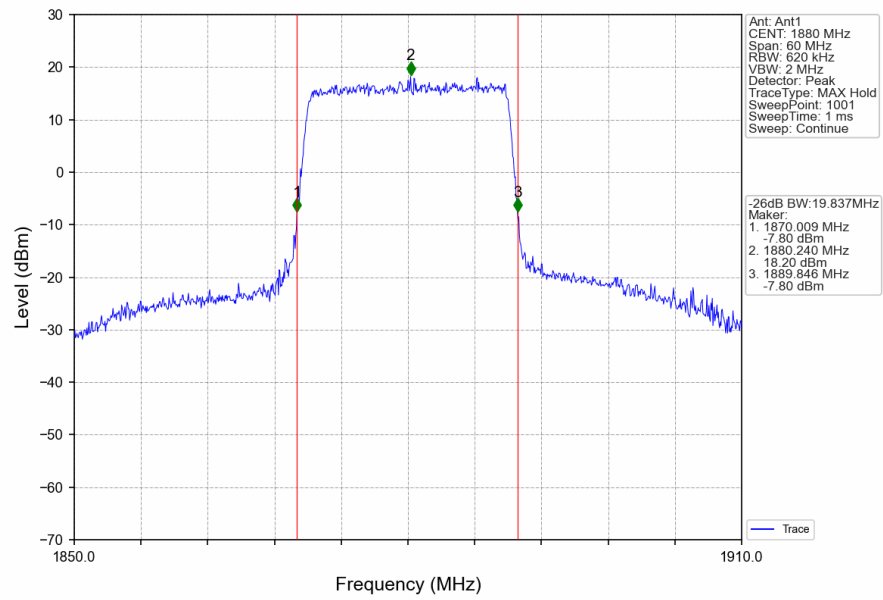
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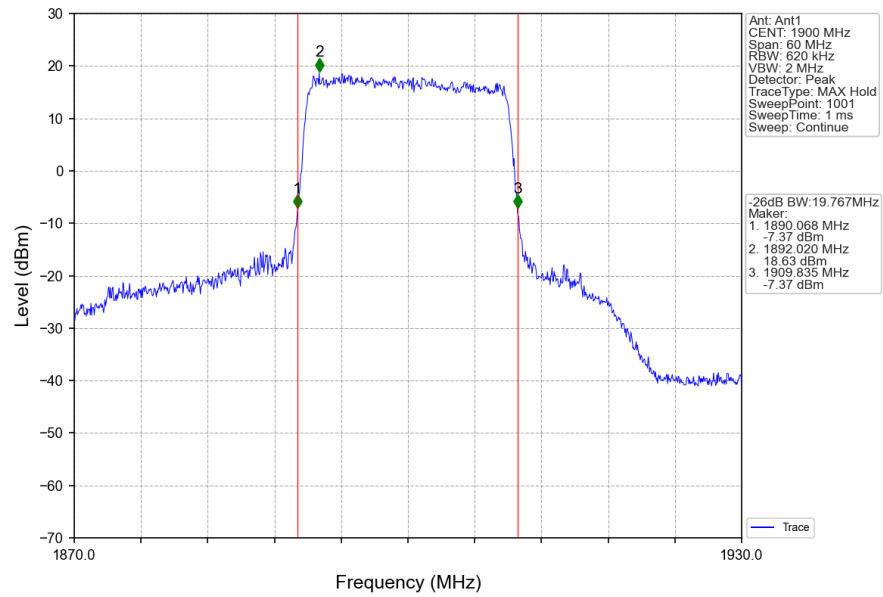
Band2 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTN



Band2 20MHz 16QAM HCH 1900MHz RB 100 0 NTN



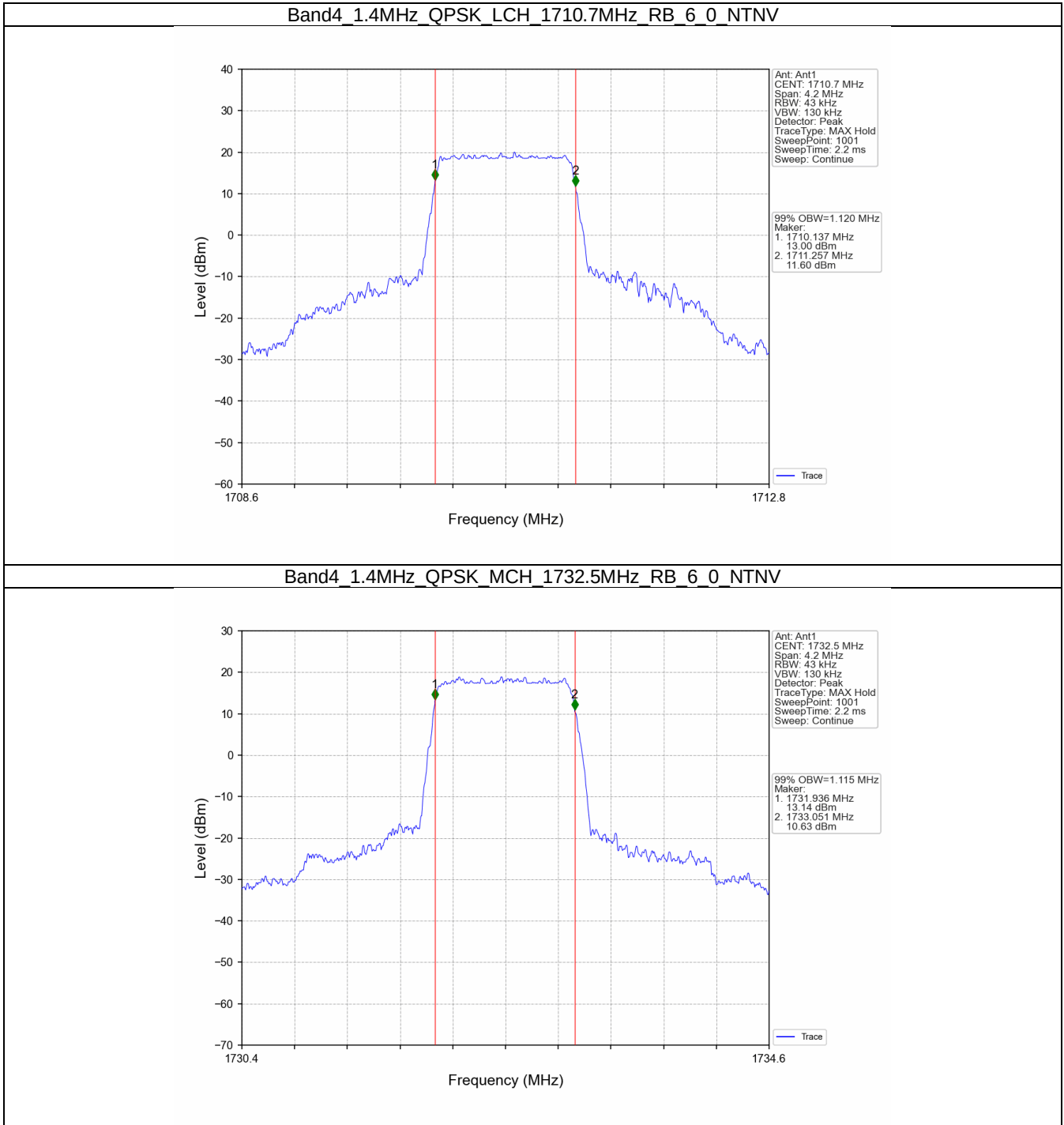
2. 99% & 26dB Bandwidth

2.1 Band4_OBW

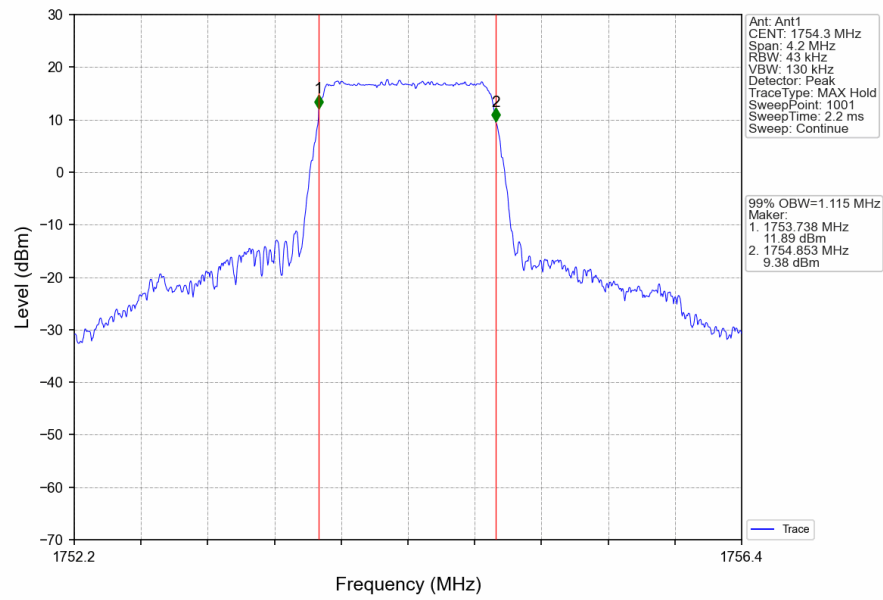
2.1.1 Test Result

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.120	Pass
		1732.5	6	0	1.115	Pass
		1754.3	6	0	1.115	Pass
	16QAM	1710.7	6	0	1.113	Pass
		1732.5	6	0	1.118	Pass
		1754.3	6	0	1.138	Pass
3	QPSK	1711.5	15	0	2.740	Pass
		1732.5	15	0	2.727	Pass
		1753.5	15	0	2.742	Pass
	16QAM	1711.5	15	0	2.741	Pass
		1732.5	15	0	2.735	Pass
		1753.5	15	0	2.724	Pass
5	QPSK	1712.5	25	0	4.569	Pass
		1732.5	25	0	4.534	Pass
		1752.5	25	0	4.540	Pass
	16QAM	1712.5	25	0	4.541	Pass
		1732.5	25	0	4.542	Pass
		1752.5	25	0	4.558	Pass
10	QPSK	1715	50	0	9.055	Pass
		1732.5	50	0	9.015	Pass
		1750	50	0	9.028	Pass
	16QAM	1715	50	0	9.063	Pass
		1732.5	50	0	9.024	Pass
		1750	50	0	9.000	Pass
15	QPSK	1717.5	75	0	13.596	Pass
		1732.5	75	0	13.531	Pass
		1747.5	75	0	13.587	Pass
	16QAM	1717.5	75	0	13.558	Pass
		1732.5	75	0	13.530	Pass
		1747.5	75	0	13.596	Pass
20	QPSK	1720	100	0	17.913	Pass
		1732.5	100	0	18.123	Pass
		1745	100	0	18.090	Pass
	16QAM	1720	100	0	18.129	Pass
		1732.5	100	0	18.065	Pass
		1745	100	0	18.038	Pass

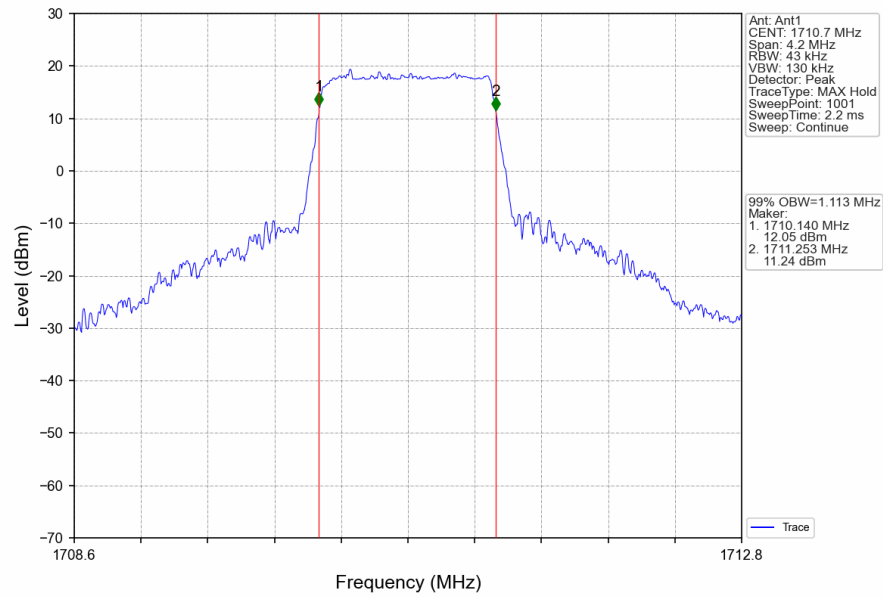
2.1.2 Test Graph



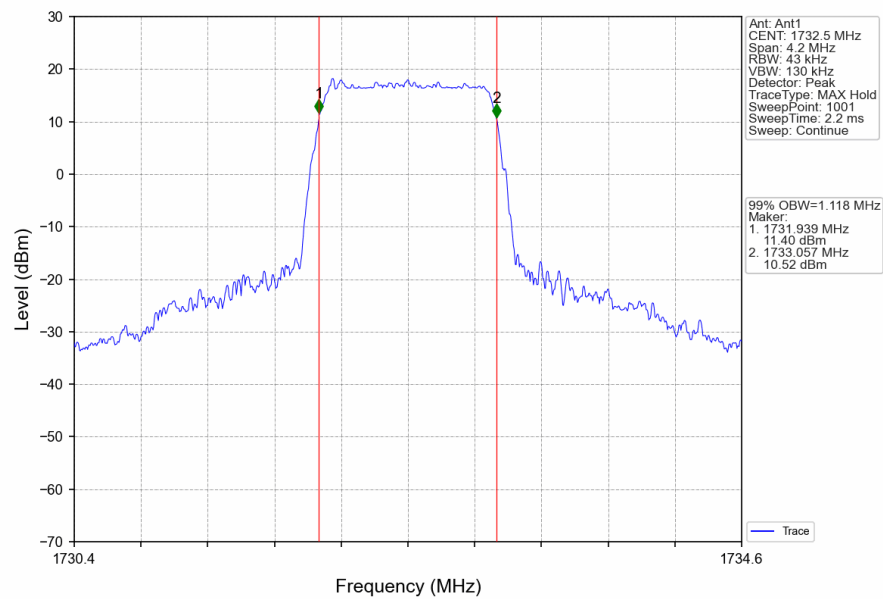
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



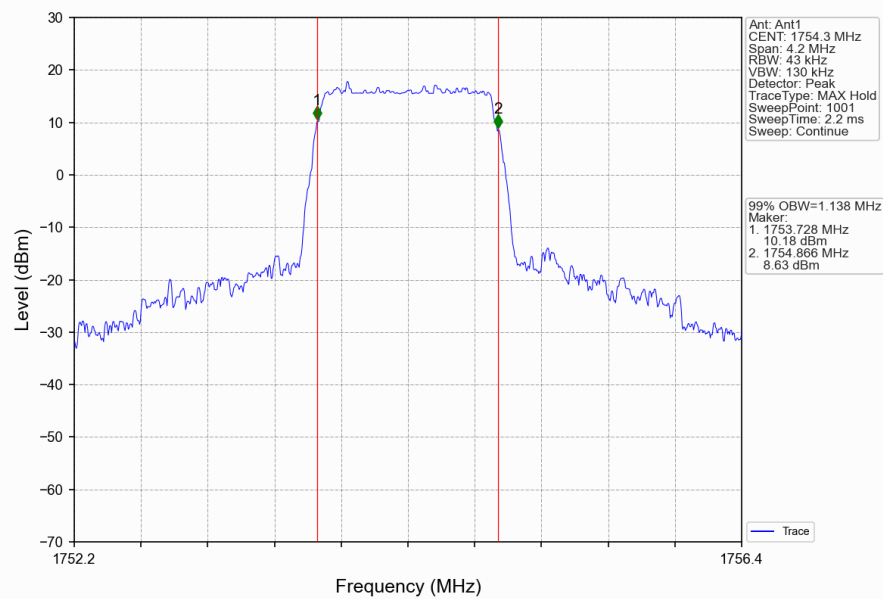
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



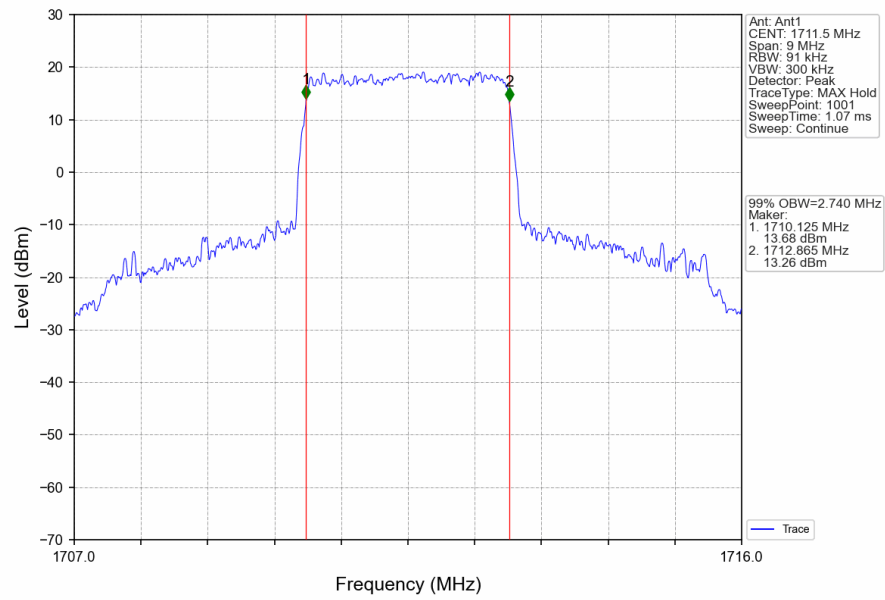
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTN



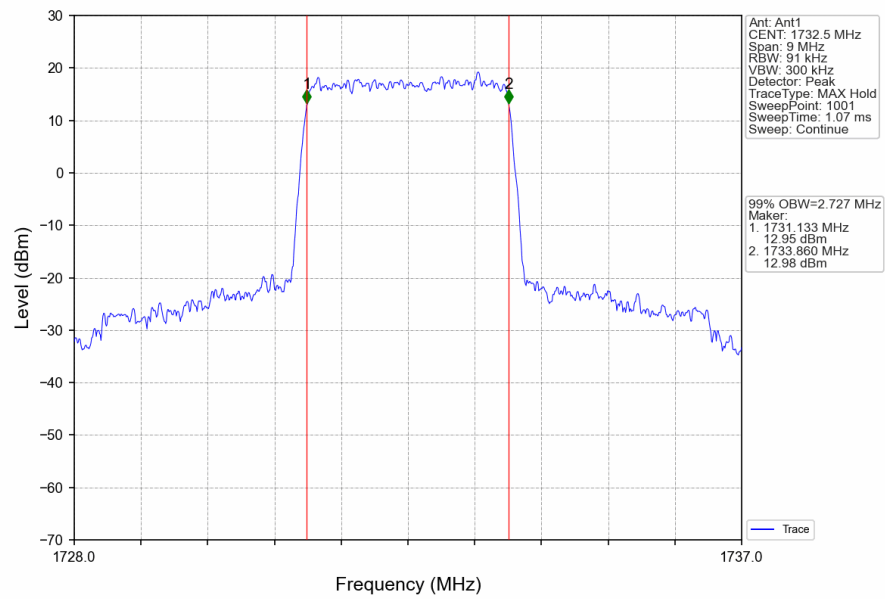
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTN



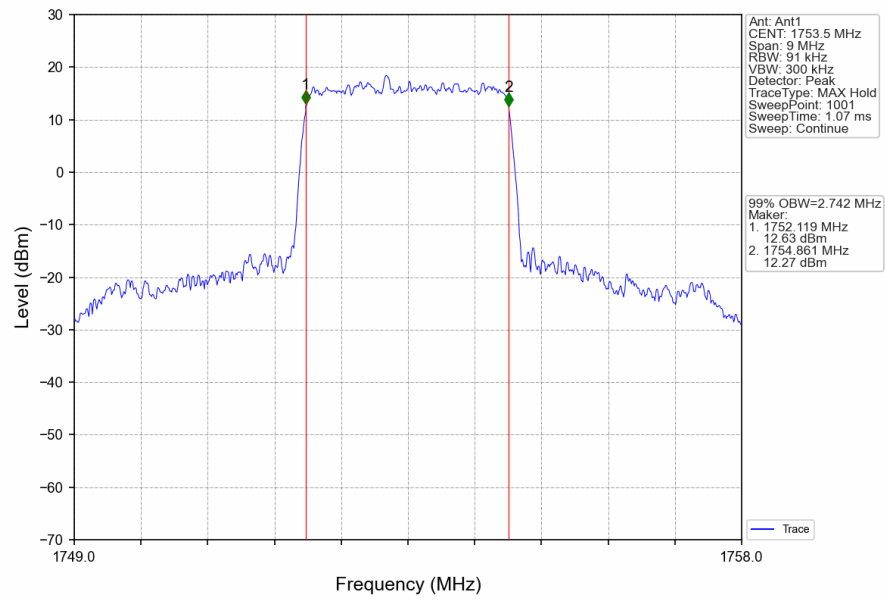
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTV



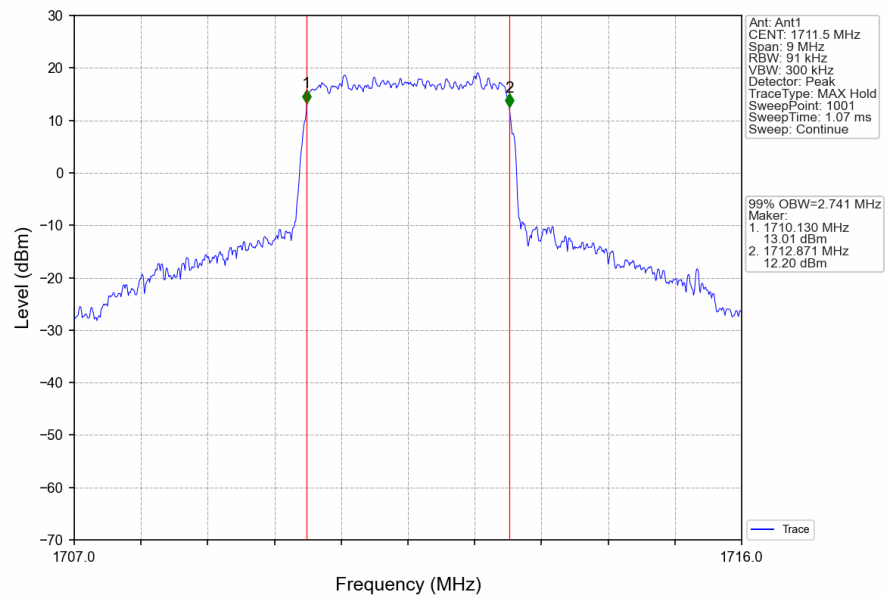
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTV



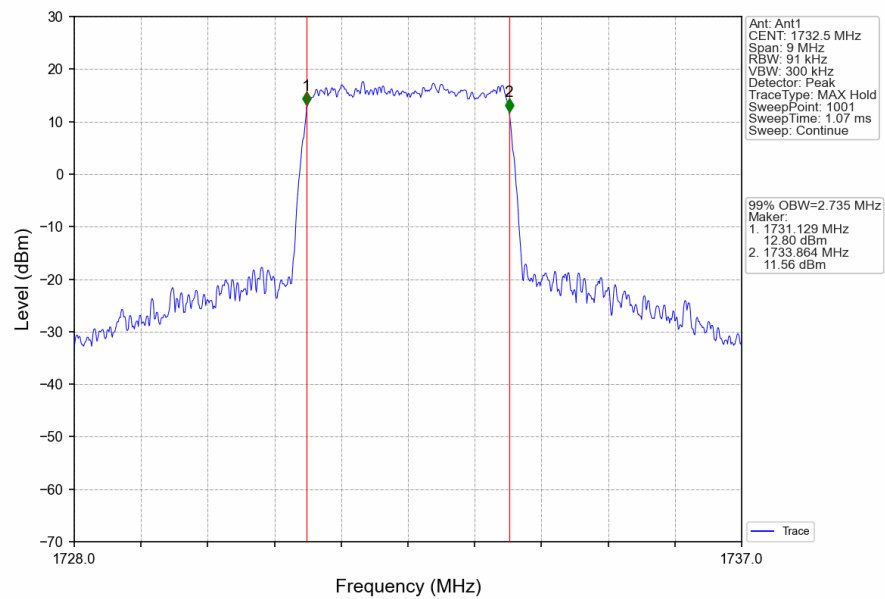
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTNV



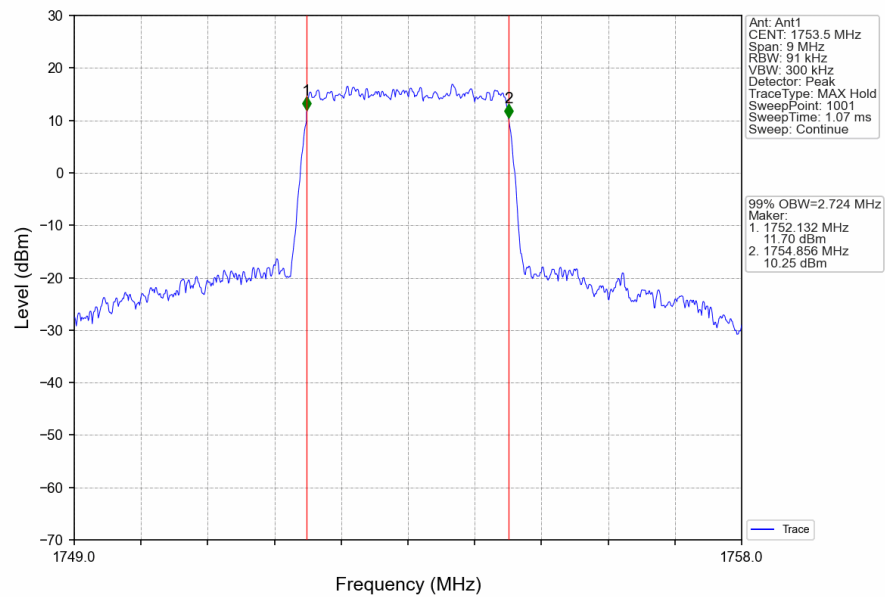
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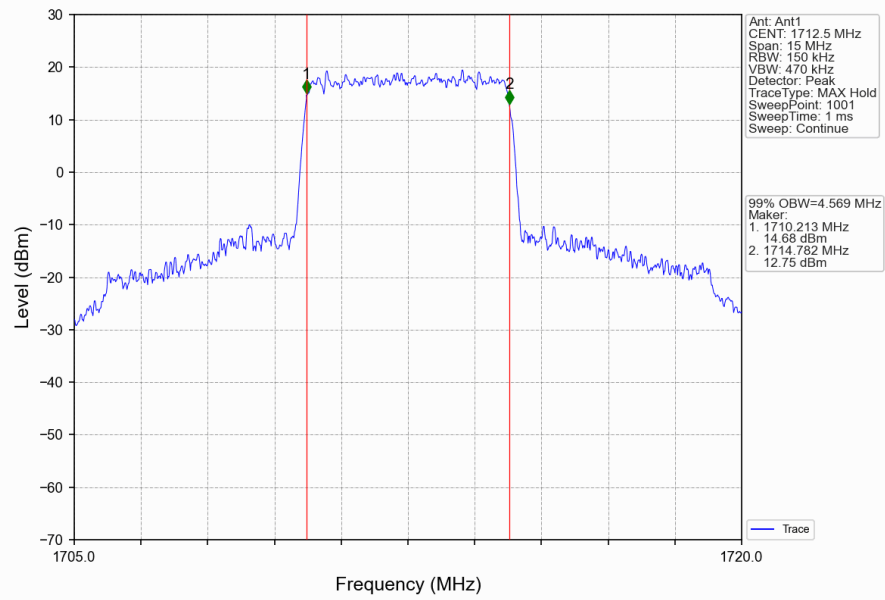
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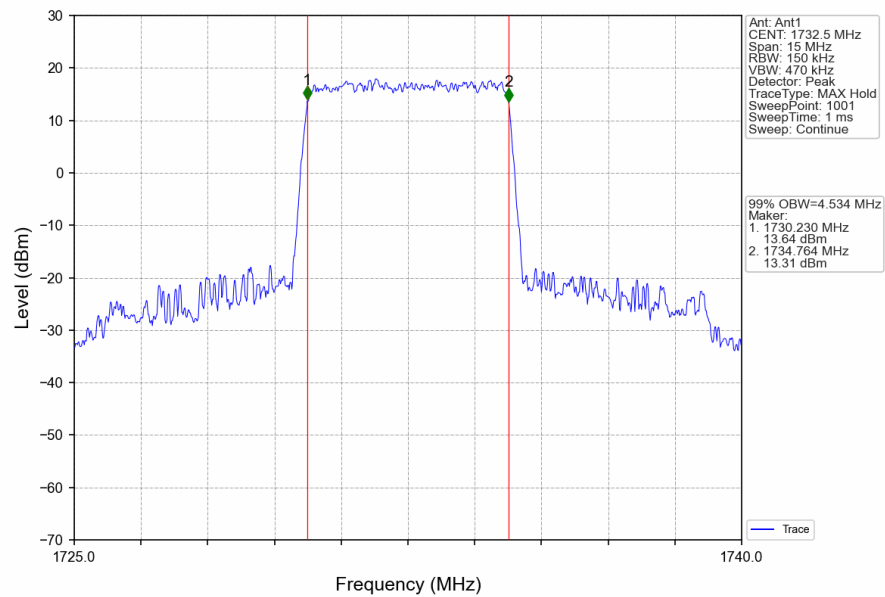
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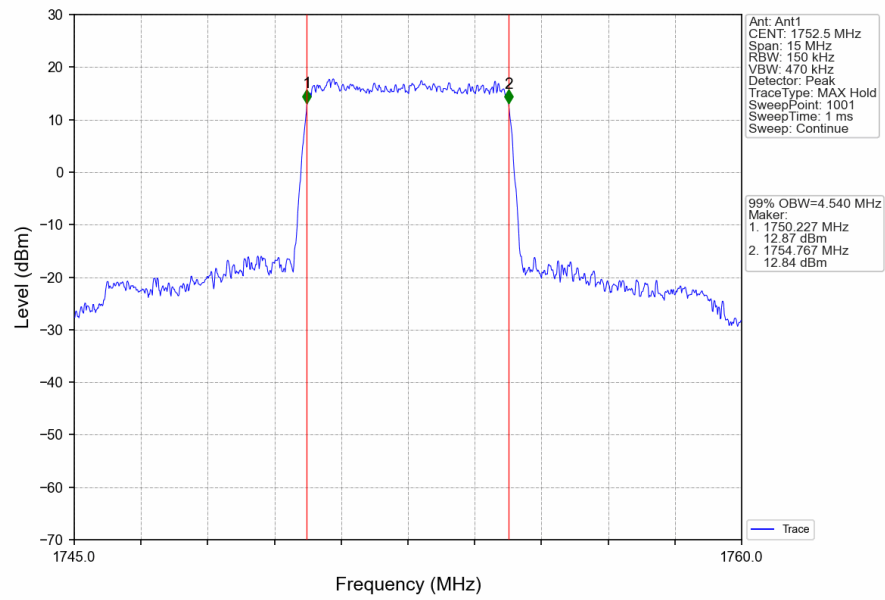
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTV



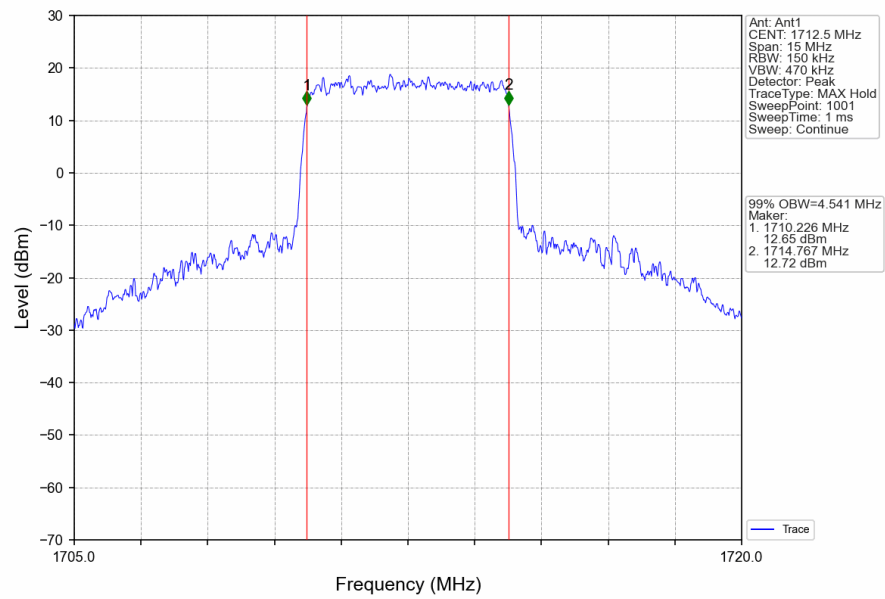
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTV



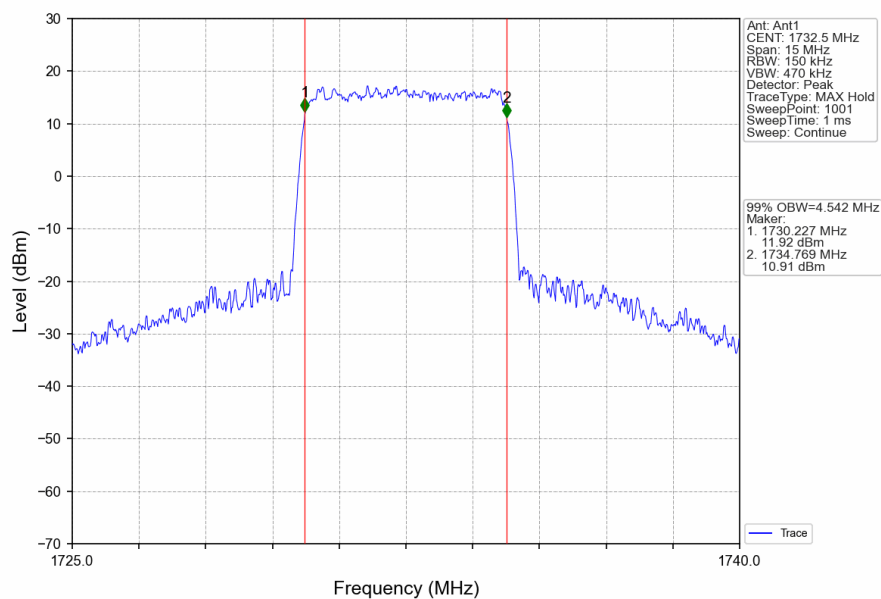
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTNV



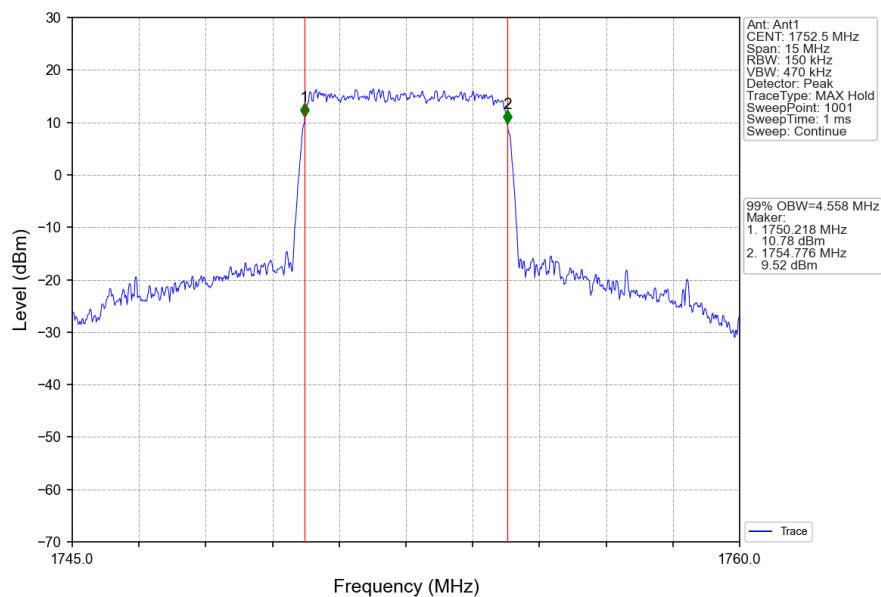
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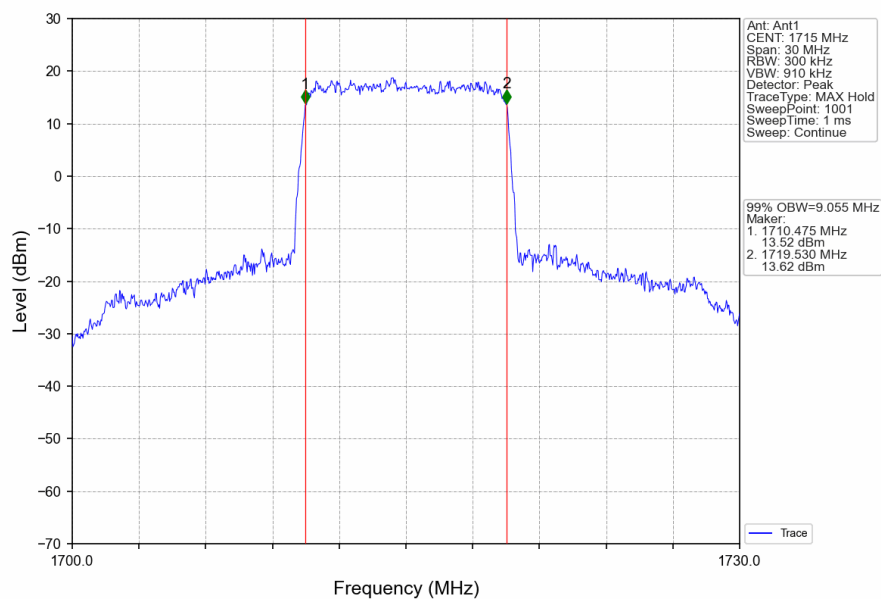
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



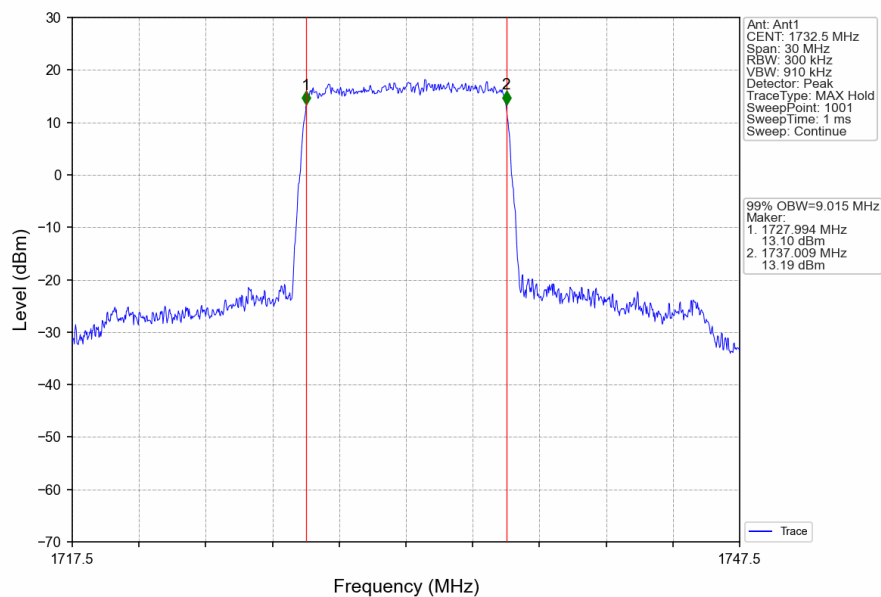
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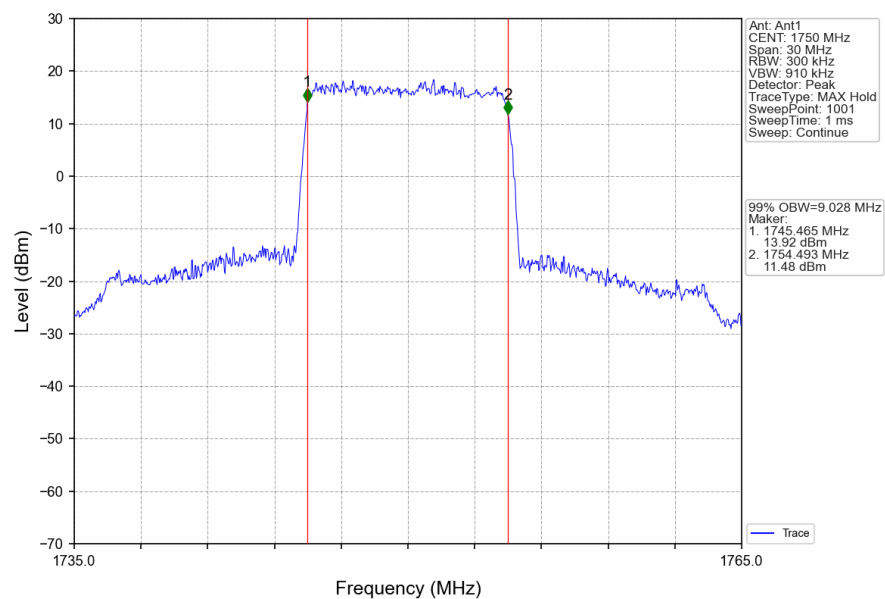
Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTN



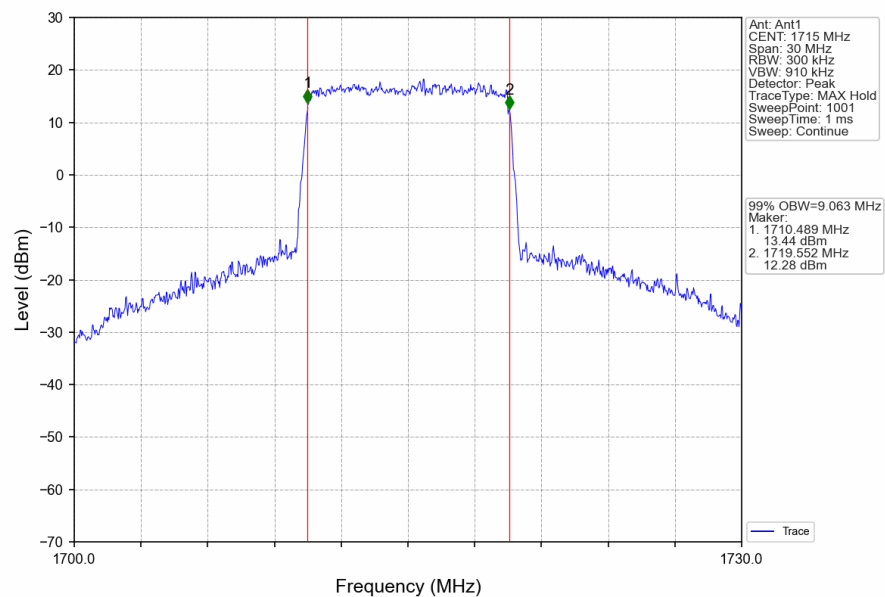
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTN



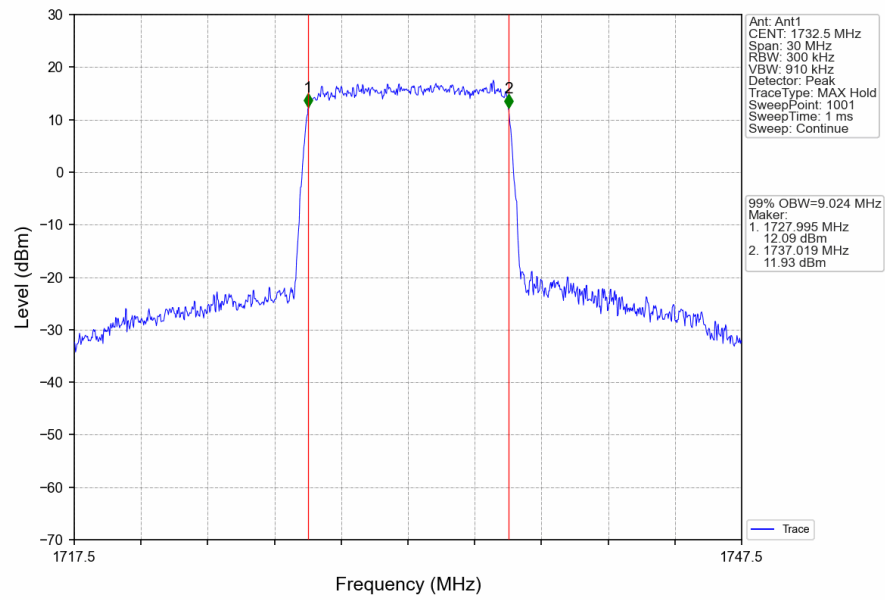
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTN



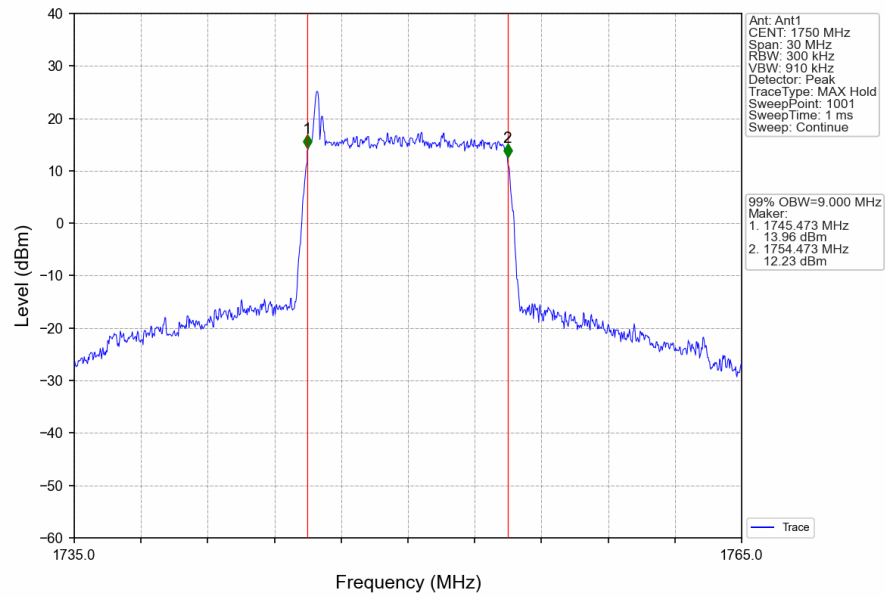
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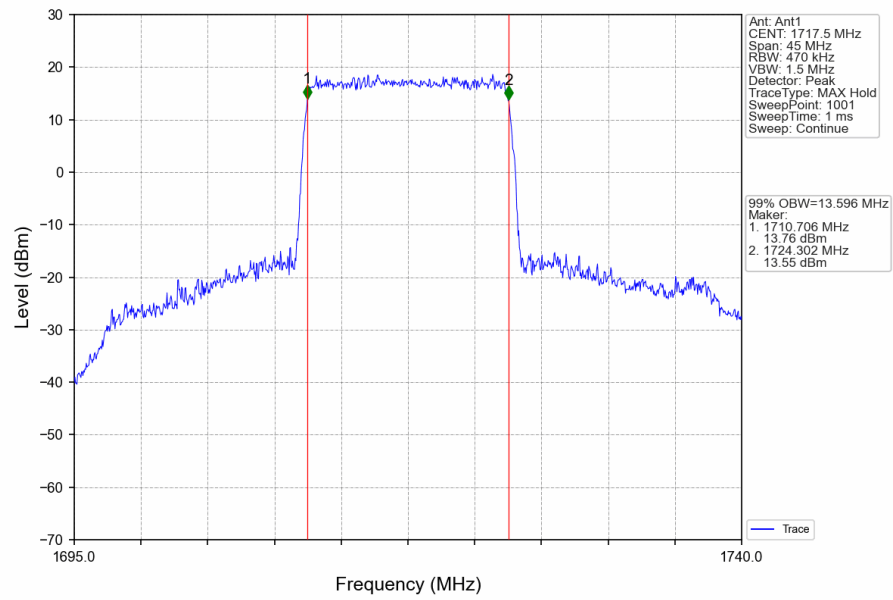
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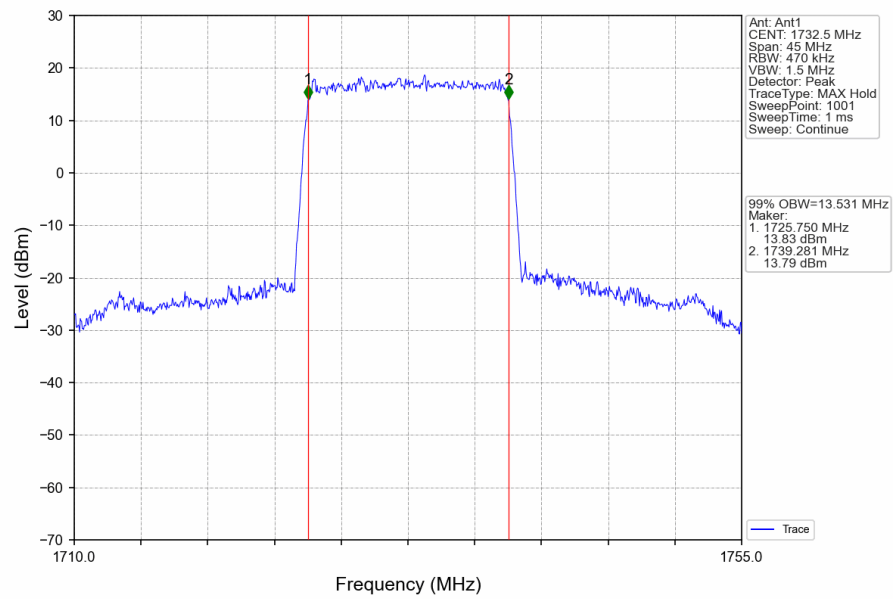
Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTNV



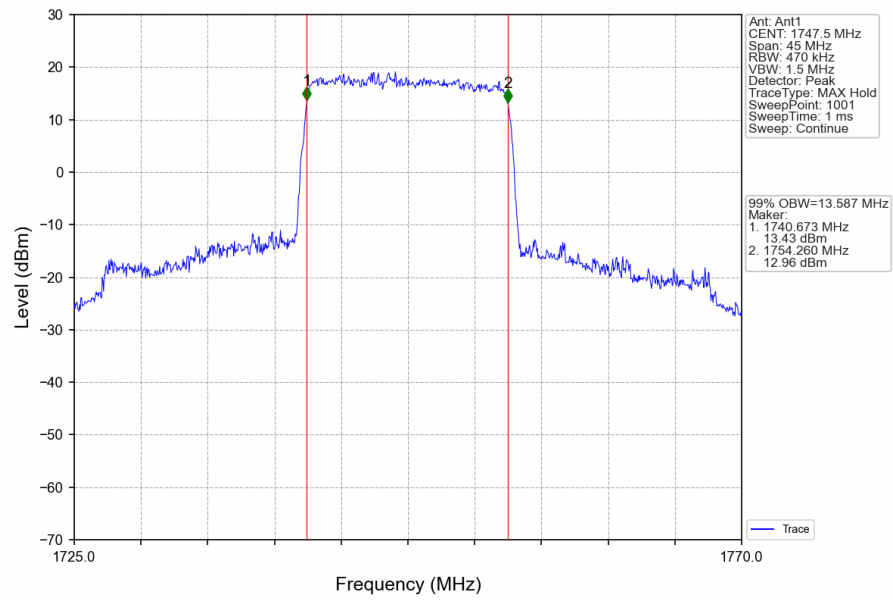
Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



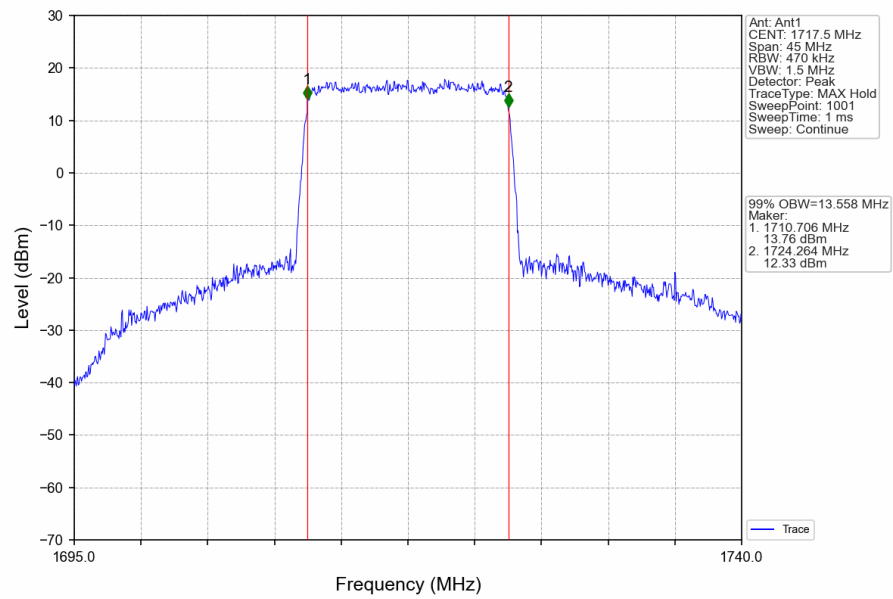
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTNV



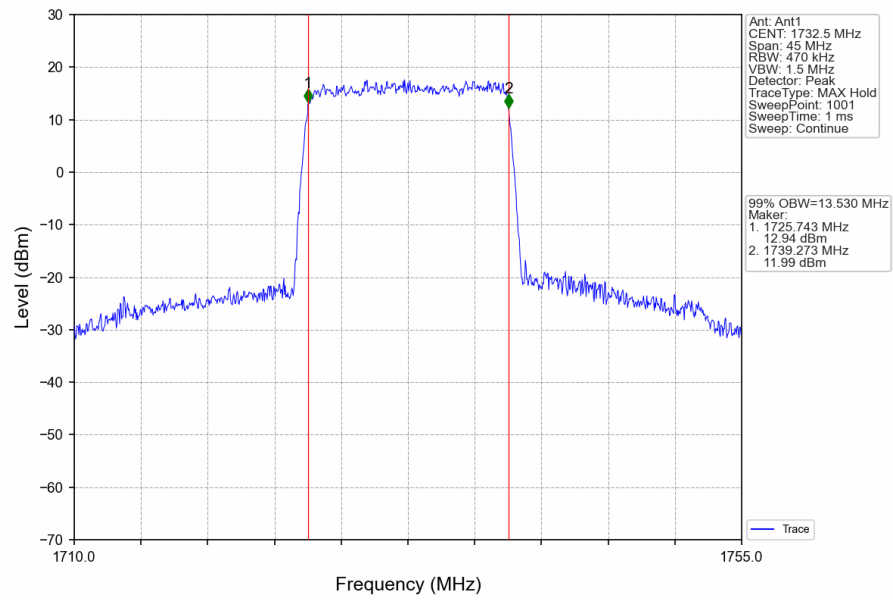
Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTNV



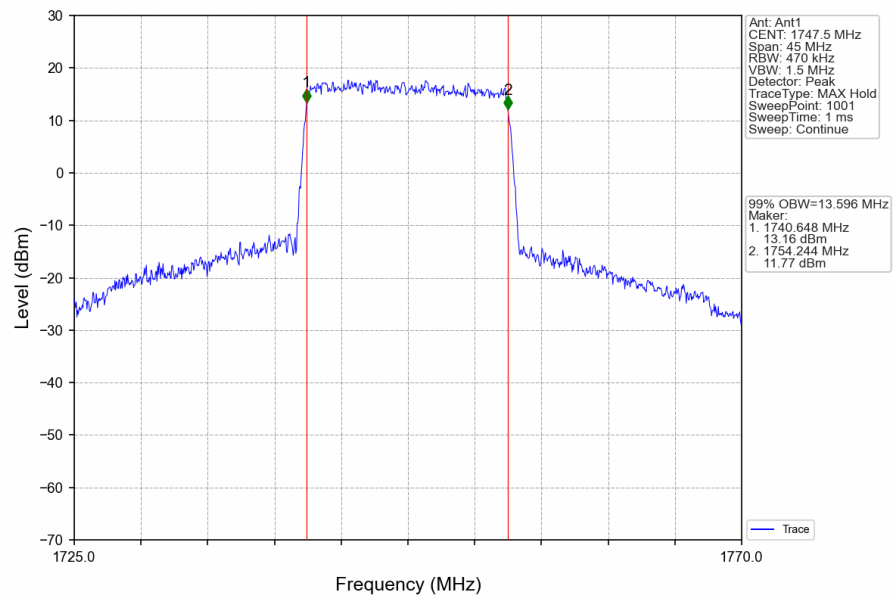
Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV



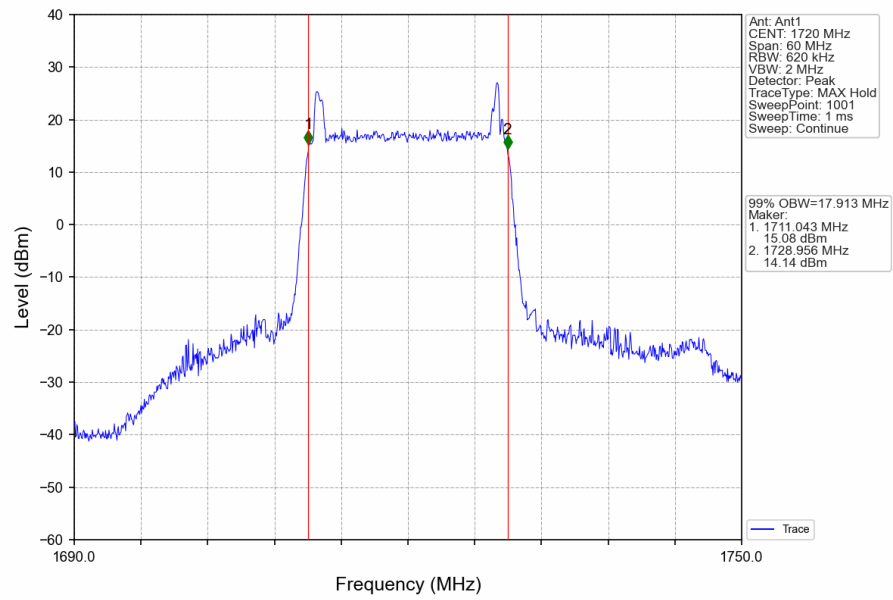
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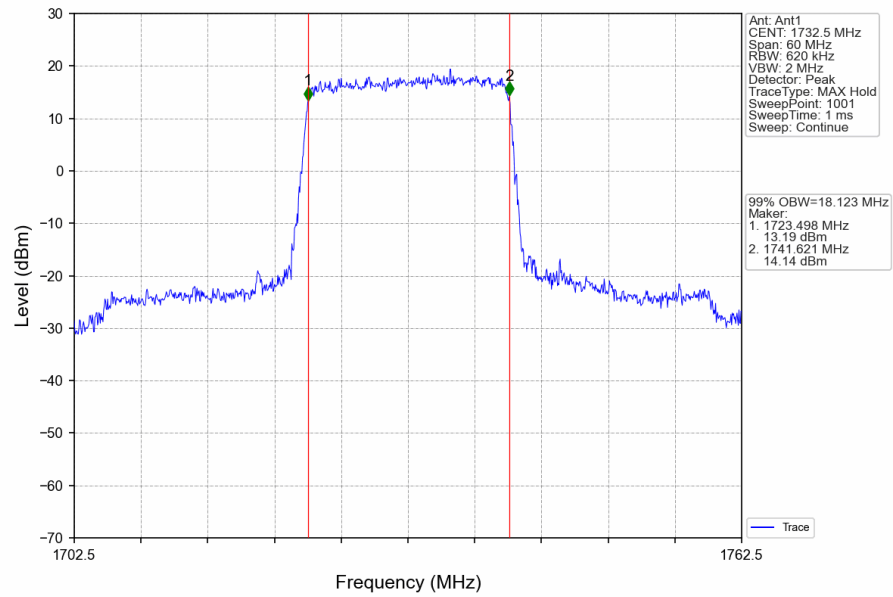
Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTNV



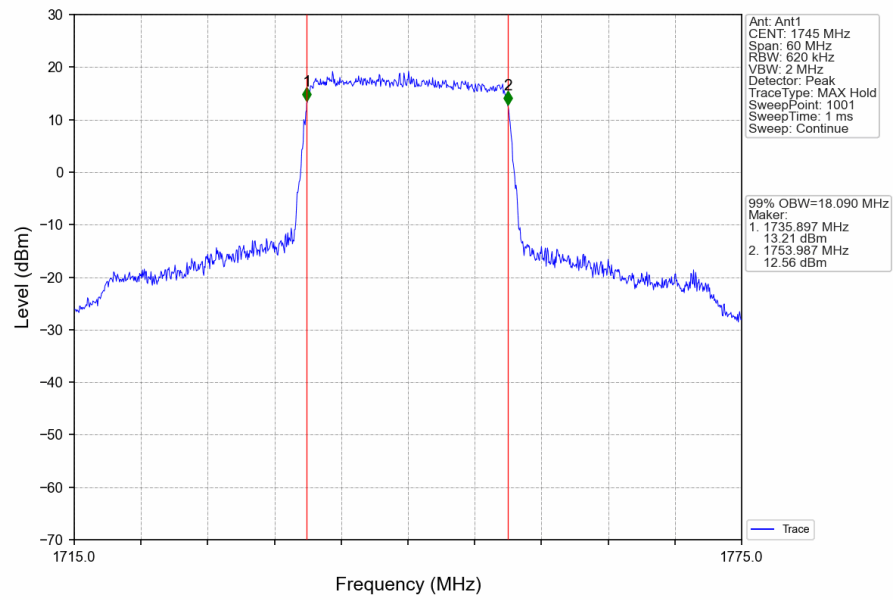
Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



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

