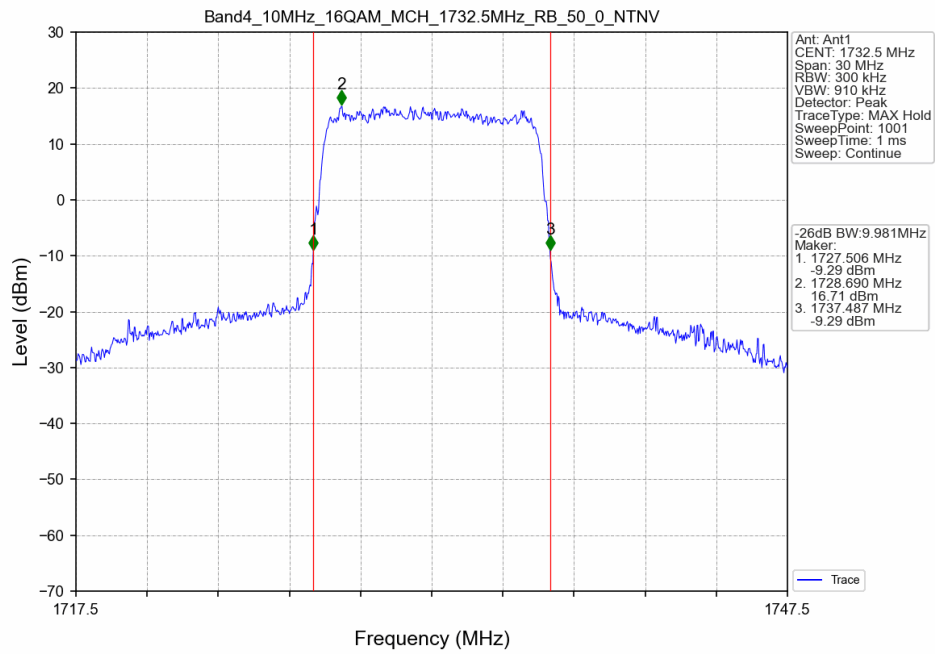
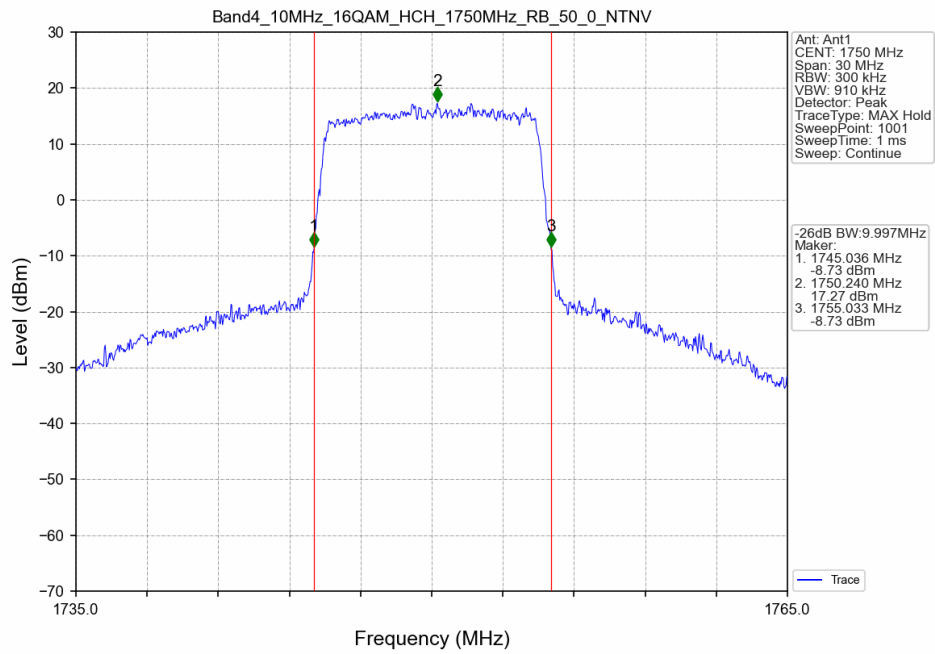


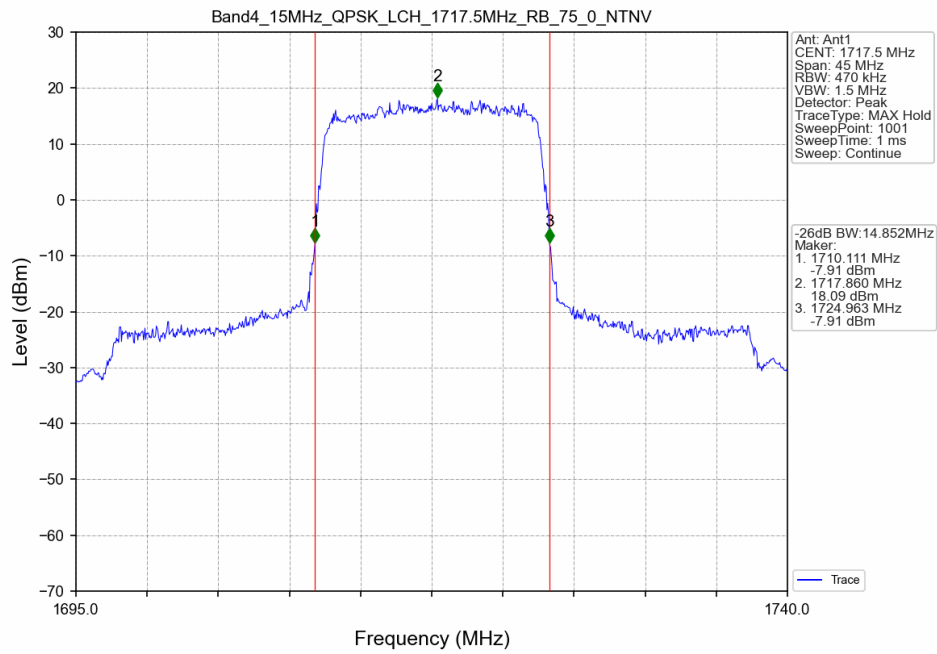
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTV



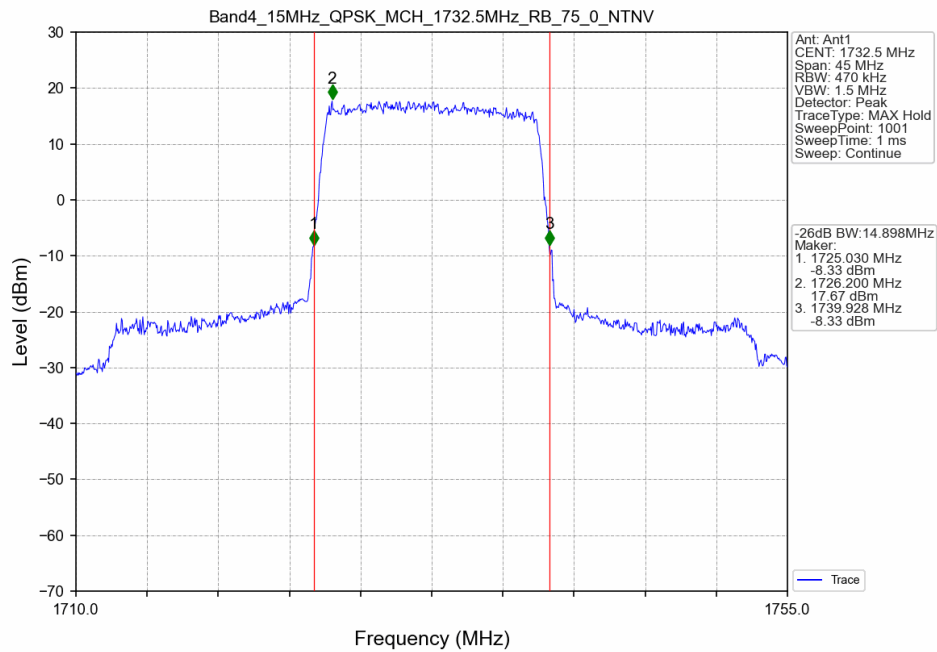
Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTV



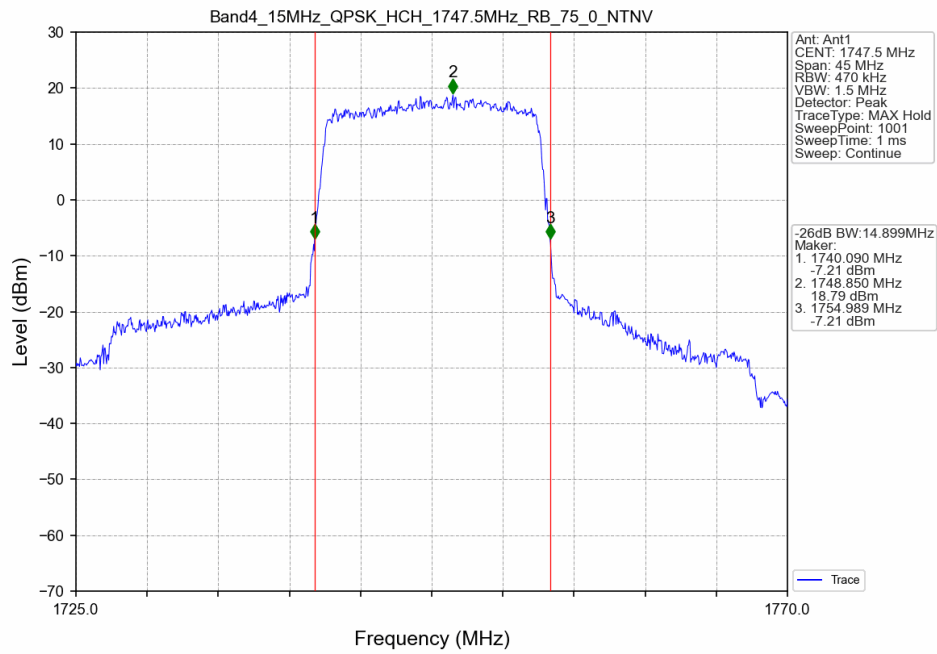
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



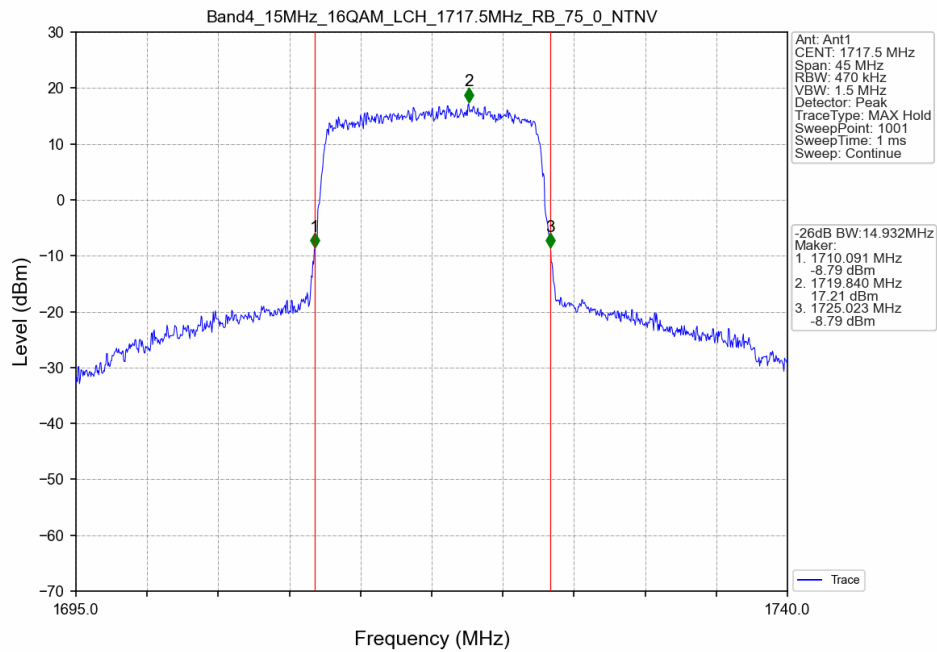
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



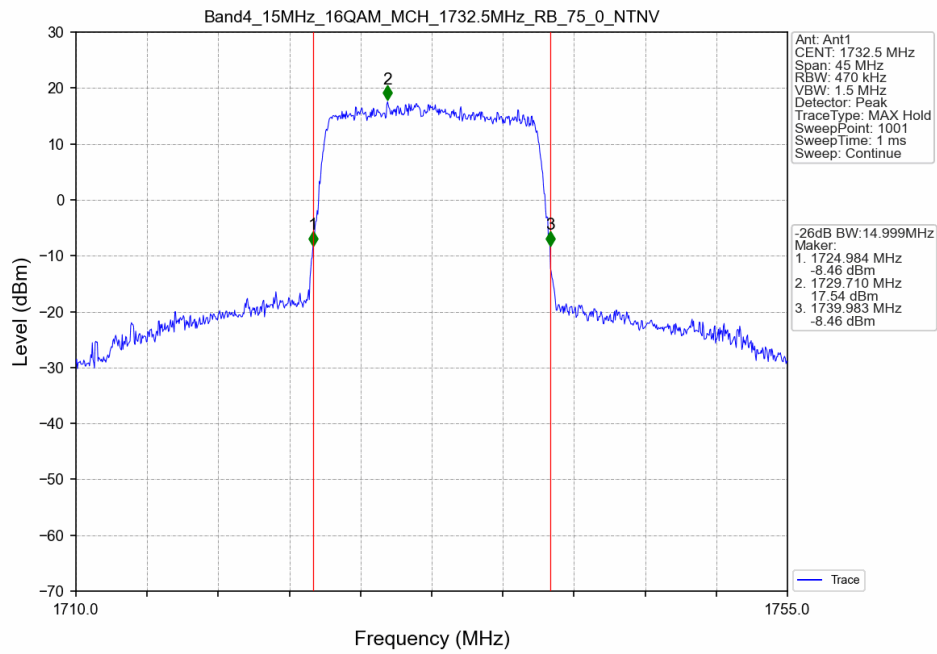
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



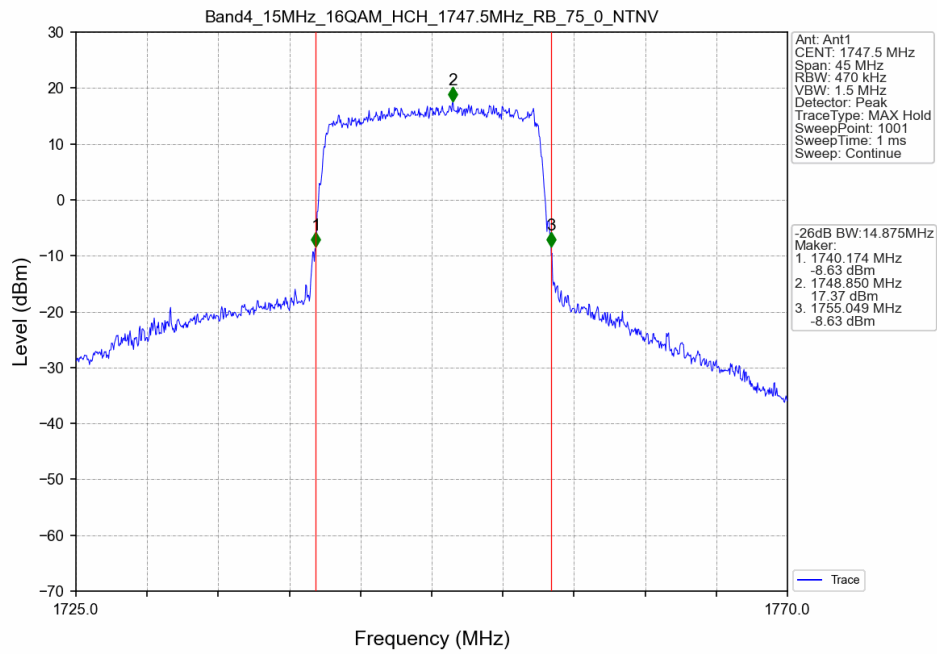
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



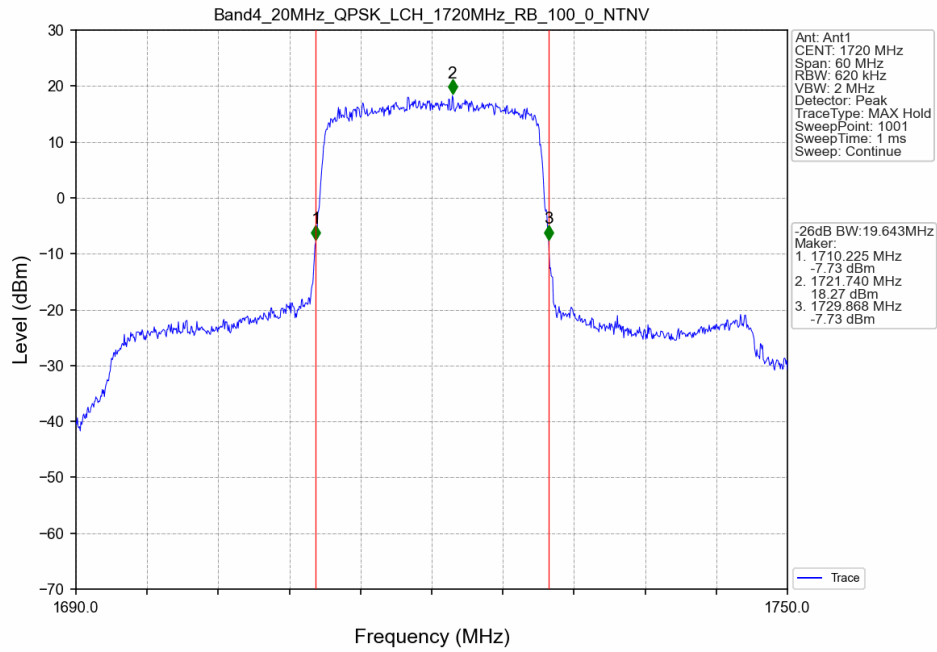
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTV



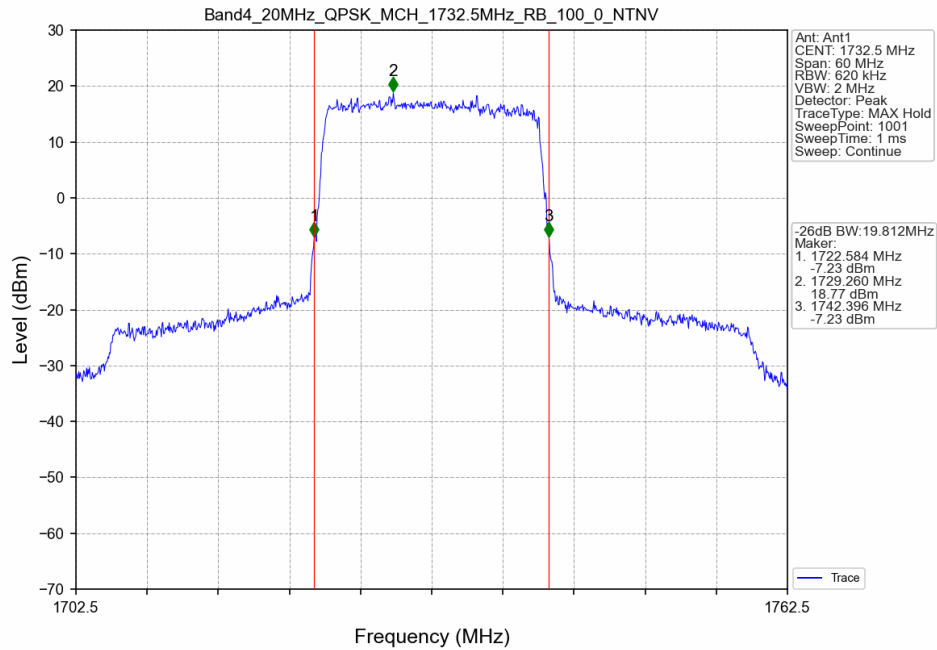
Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTV



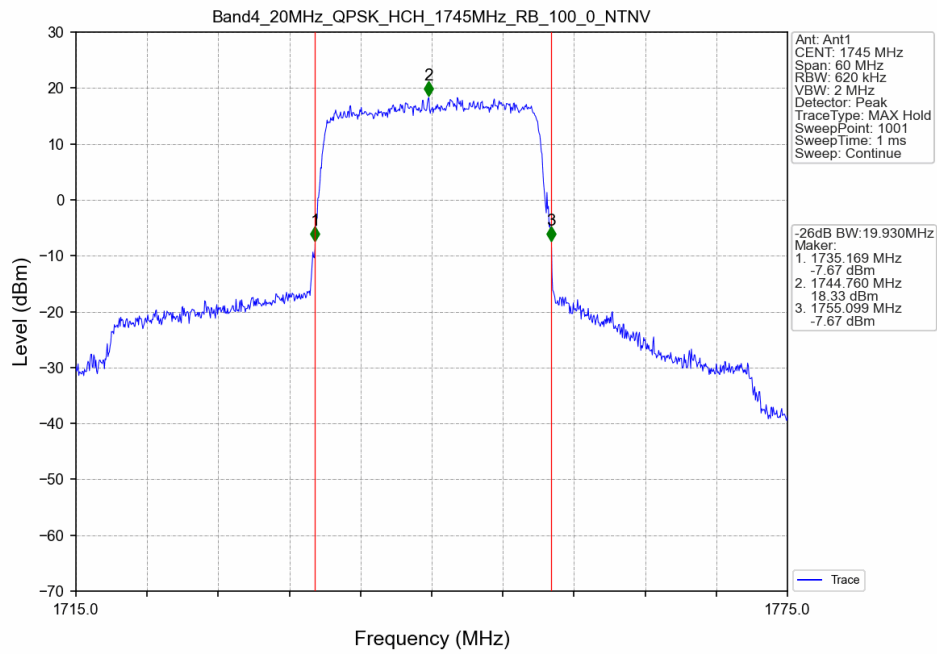
Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



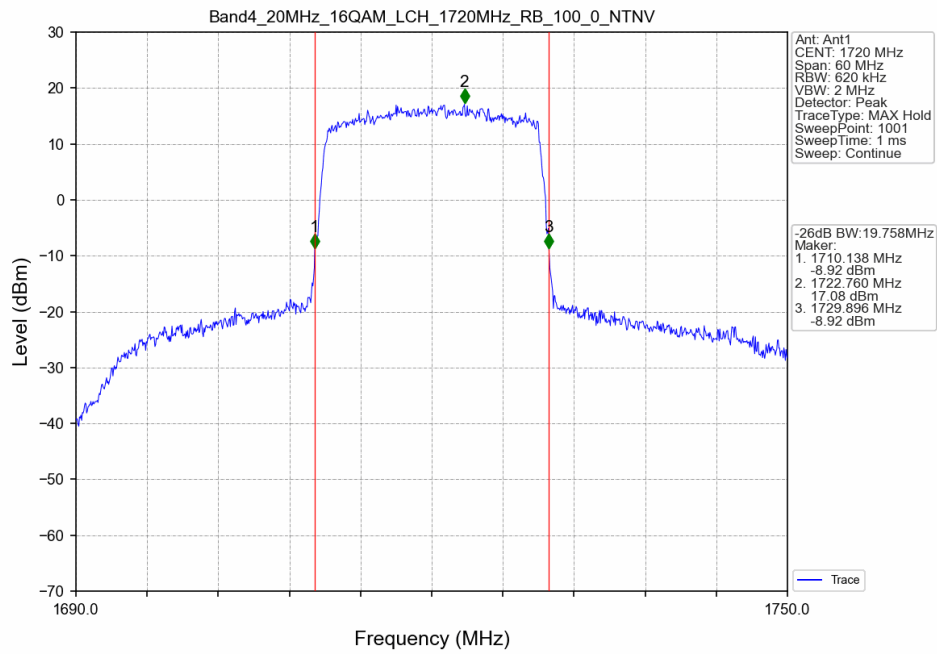
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



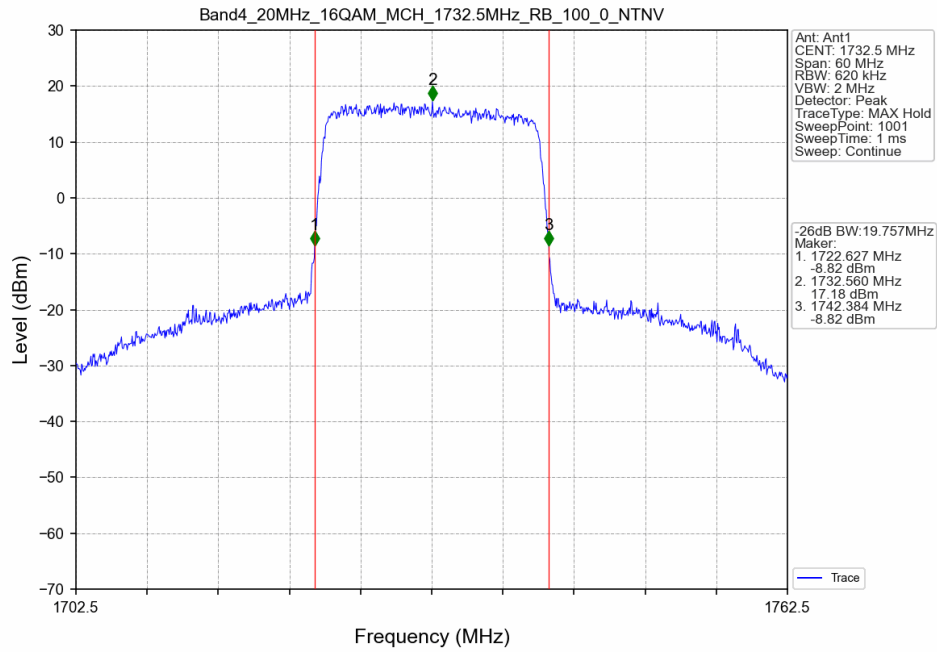
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



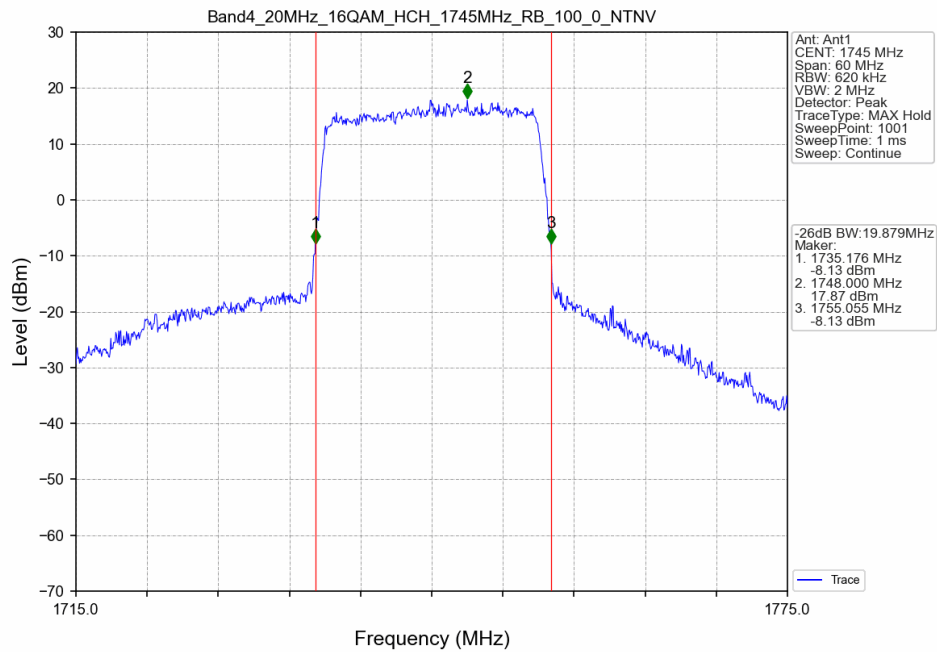
Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



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



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



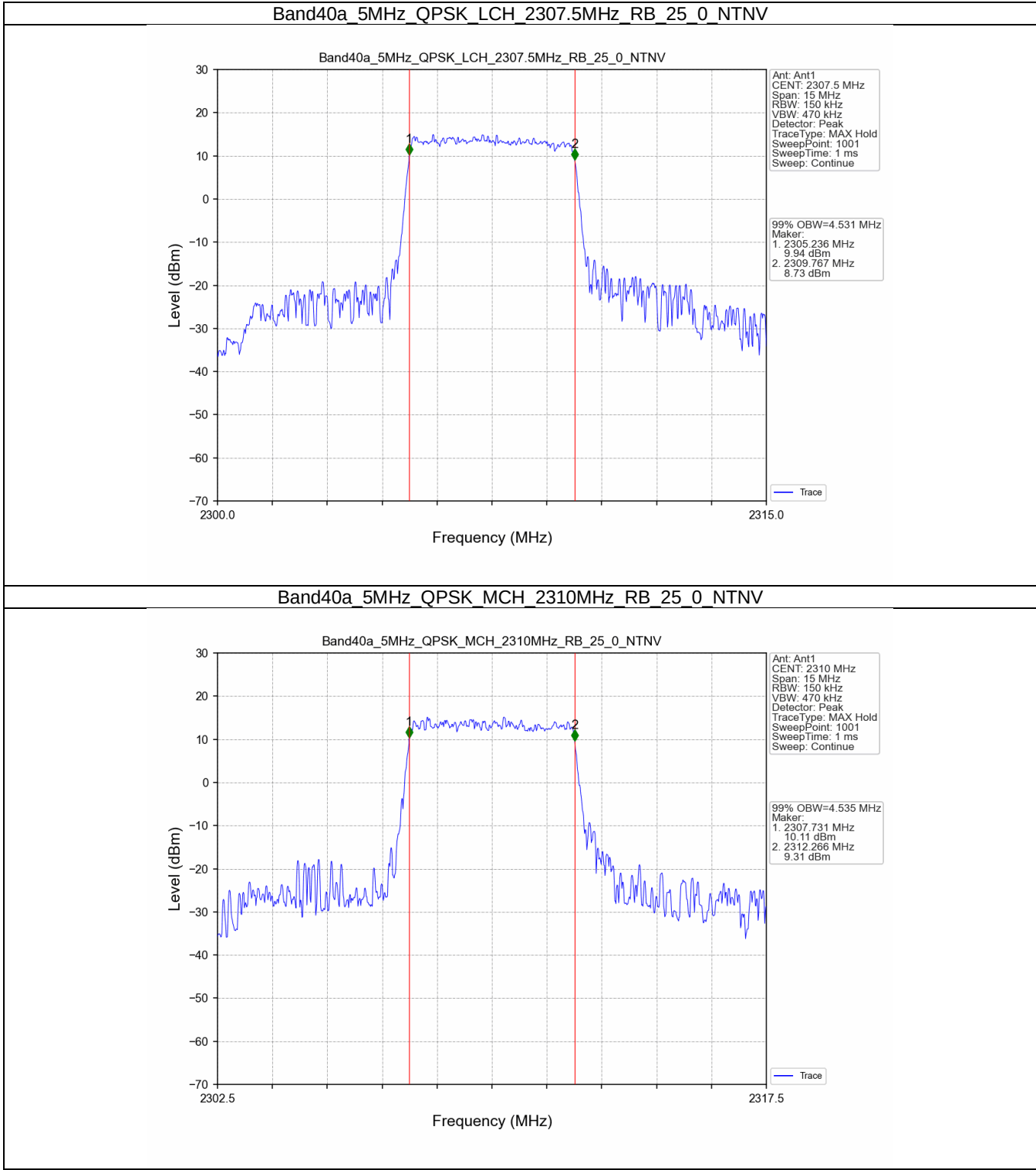
4. 99% & 26dB Bandwidth

4.1 Band40a_OBW

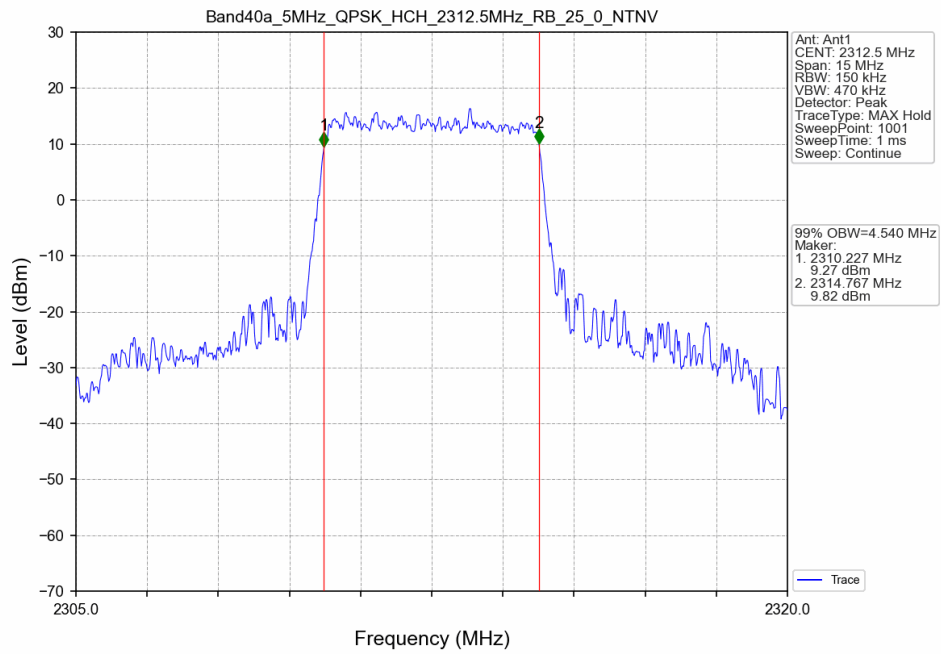
4.1.1 Test Result

Band: 40a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2307.5	25	0	4.531	/	Pass
		2310	25	0	4.535	/	Pass
		2312.5	25	0	4.540	/	Pass
	16QAM	2307.5	25	0	4.542	/	Pass
		2310	25	0	4.580	/	Pass
		2312.5	25	0	4.534	/	Pass
10	QPSK	2310	50	0	9.052	/	Pass
	16QAM	2310	50	0	9.052	/	Pass

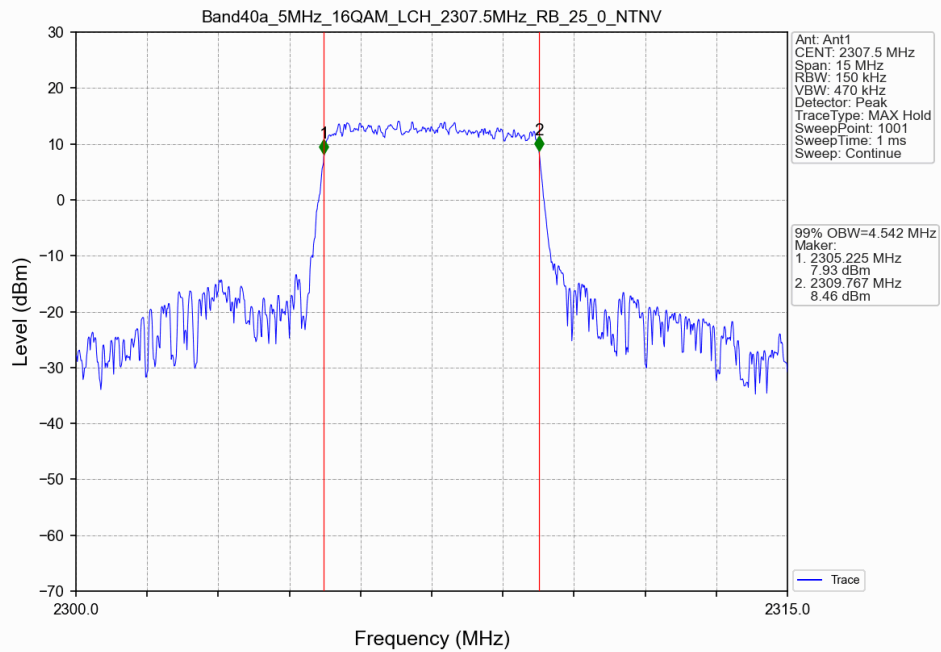
4.1.2 Test Graph



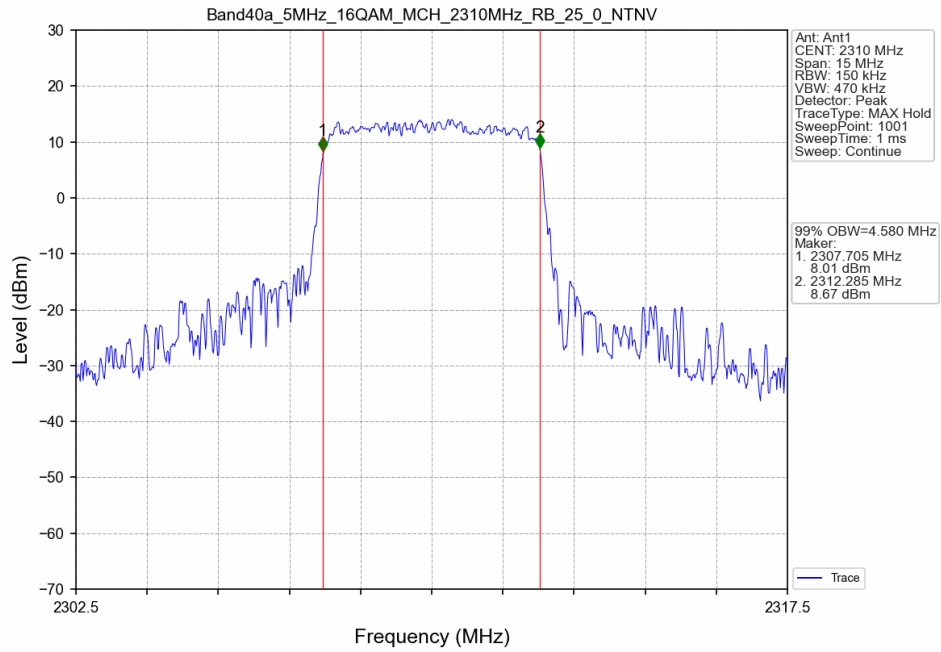
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



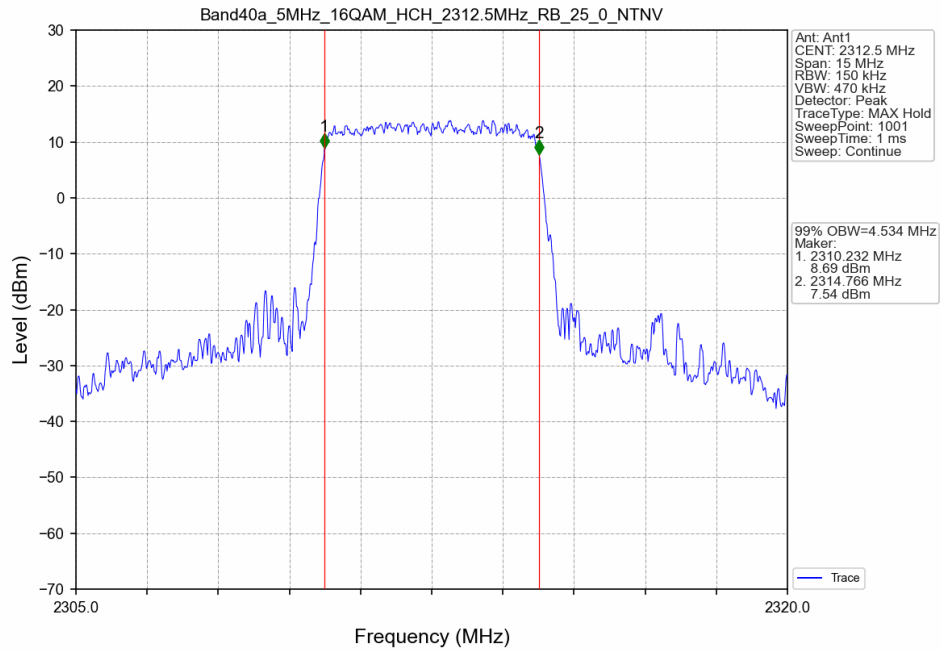
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



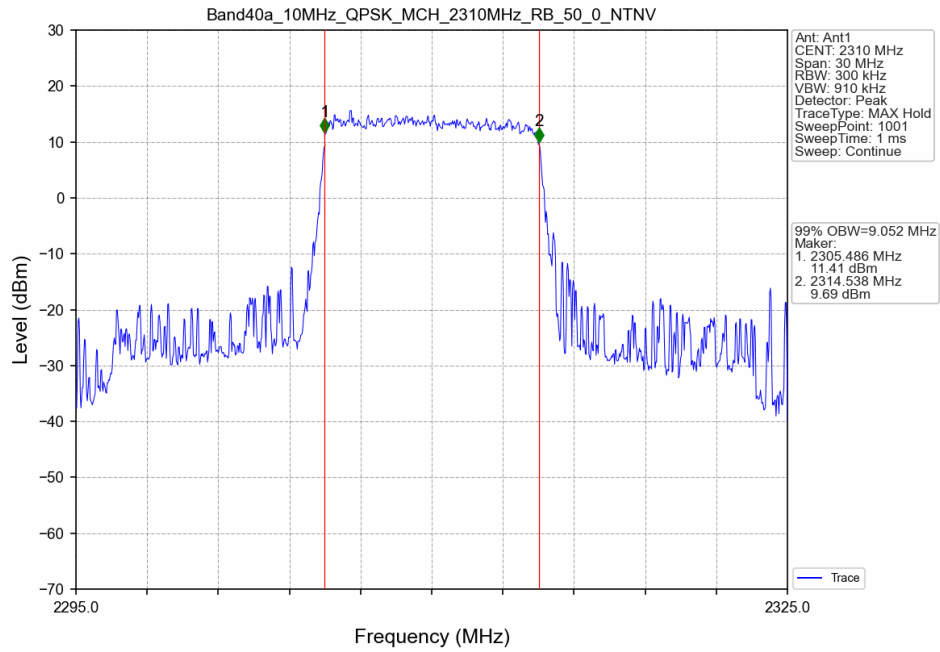
Band40a 5MHz 16QAM MCH 2310MHz RB 25 0 NTNV



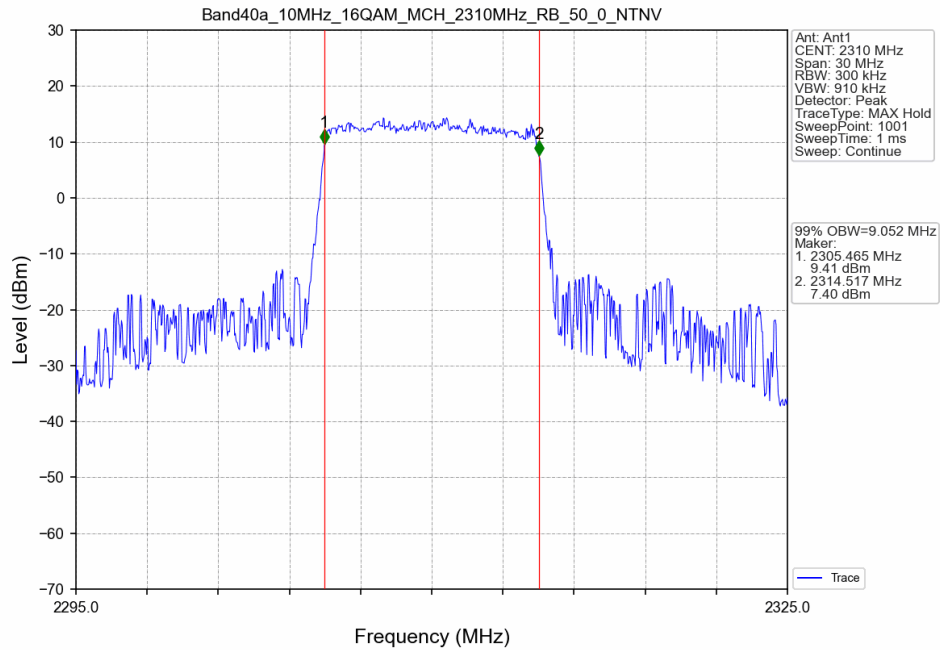
Band40a 5MHz 16QAM HCH 2312.5MHz RB 25 0 NTNV



Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV

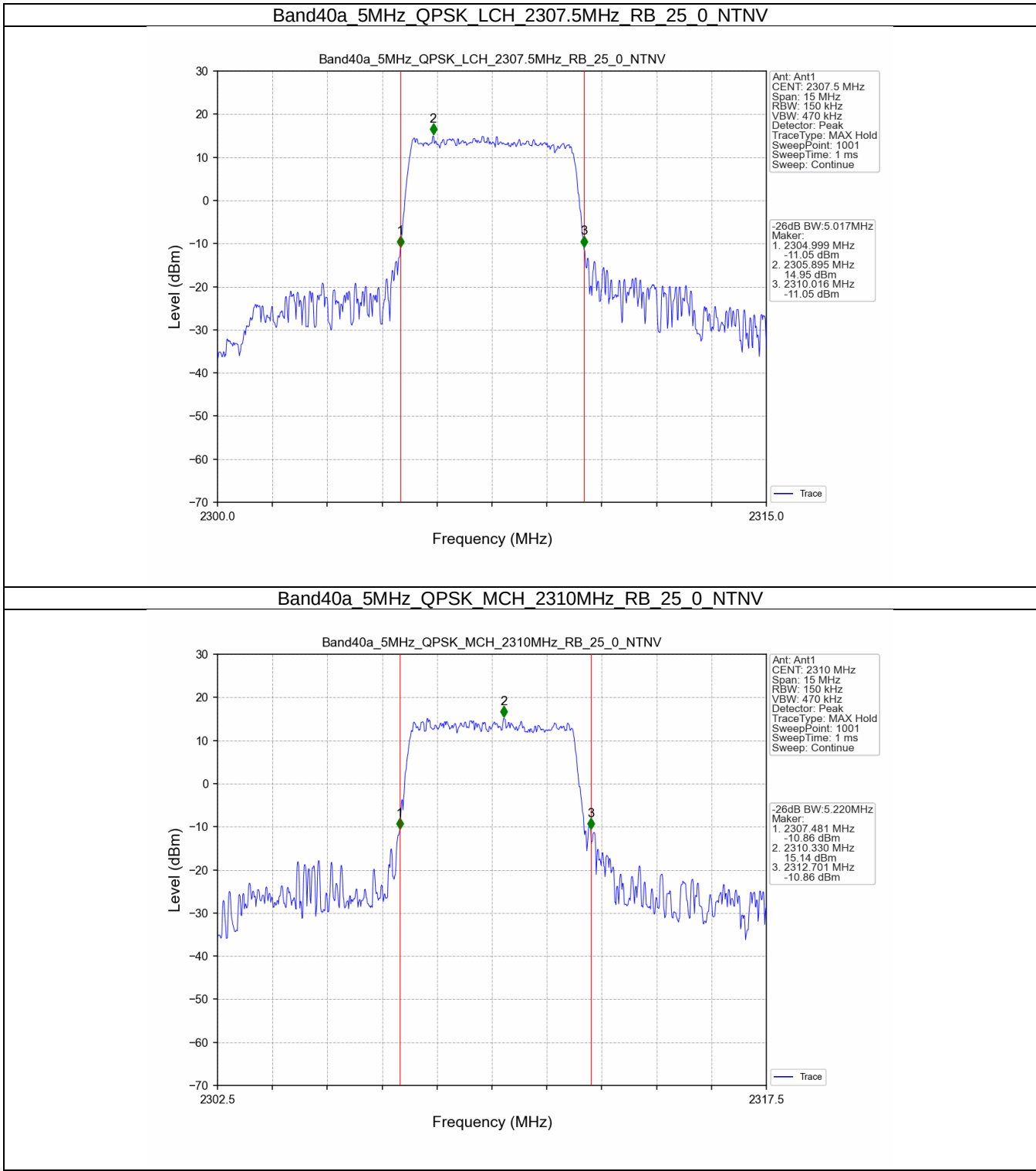


4.2 Band40a_XDB

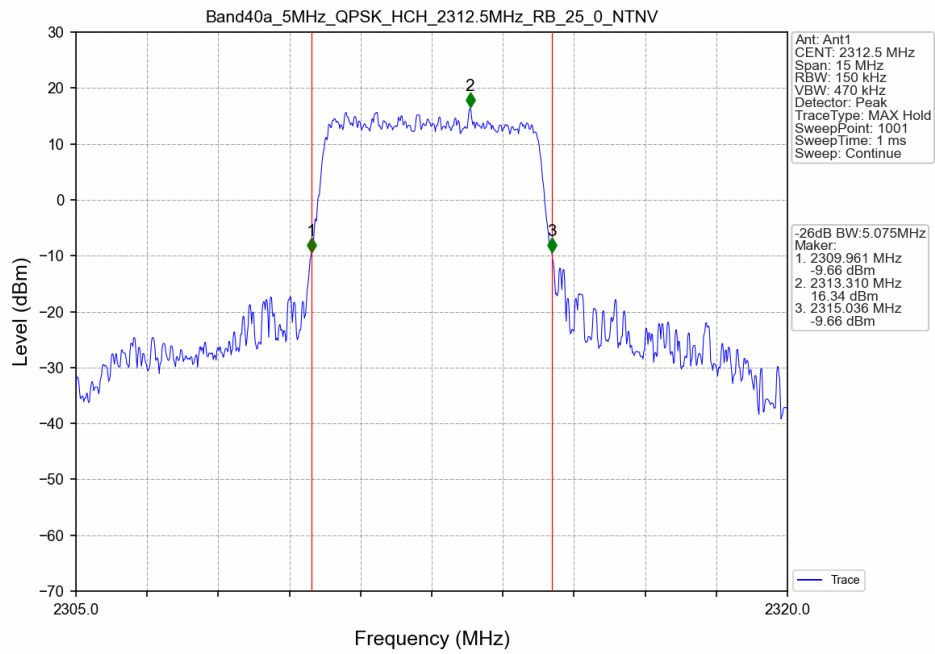
4.2.1 Test Result

Band: 40a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2307.5	25	0	5.017	/	Pass
		2310	25	0	5.220	/	Pass
		2312.5	25	0	5.075	/	Pass
	16QAM	2307.5	25	0	5.247	/	Pass
		2310	25	0	5.079	/	Pass
		2312.5	25	0	5.080	/	Pass
10	QPSK	2310	50	0	10.246	/	Pass
	16QAM	2310	50	0	10.144	/	Pass

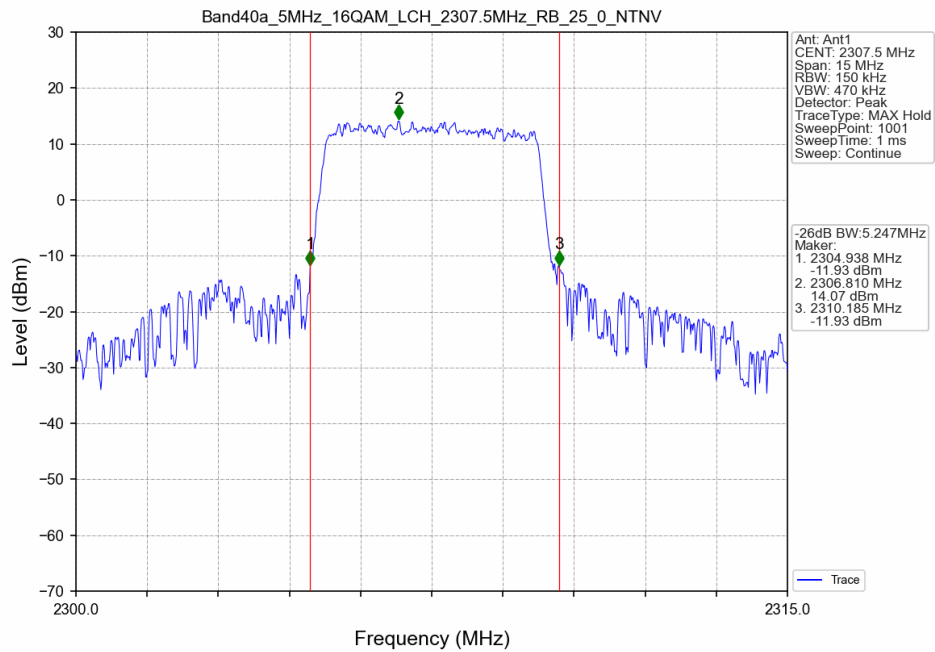
4.2.2 Test Graph



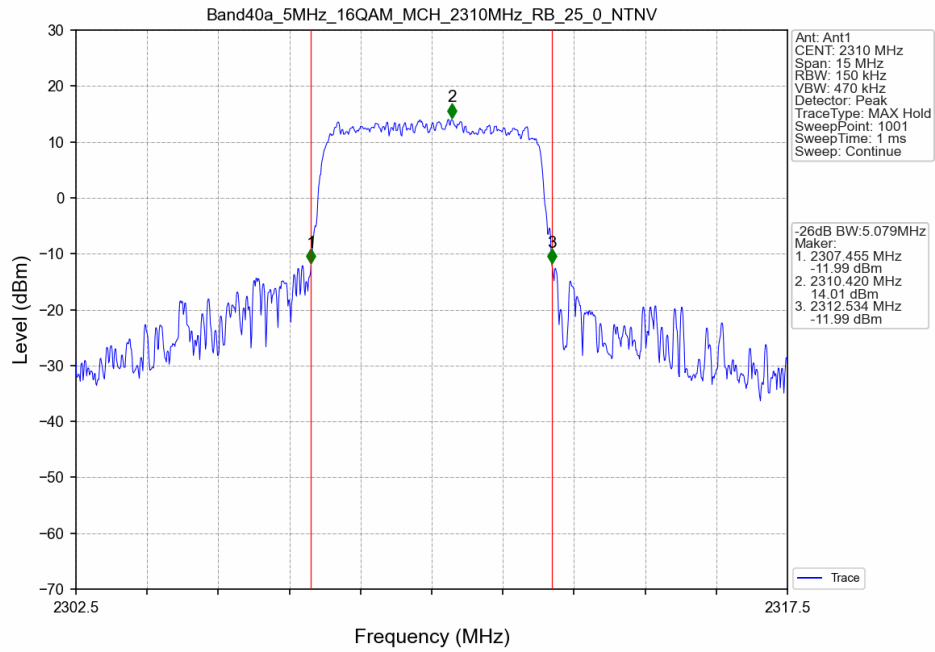
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



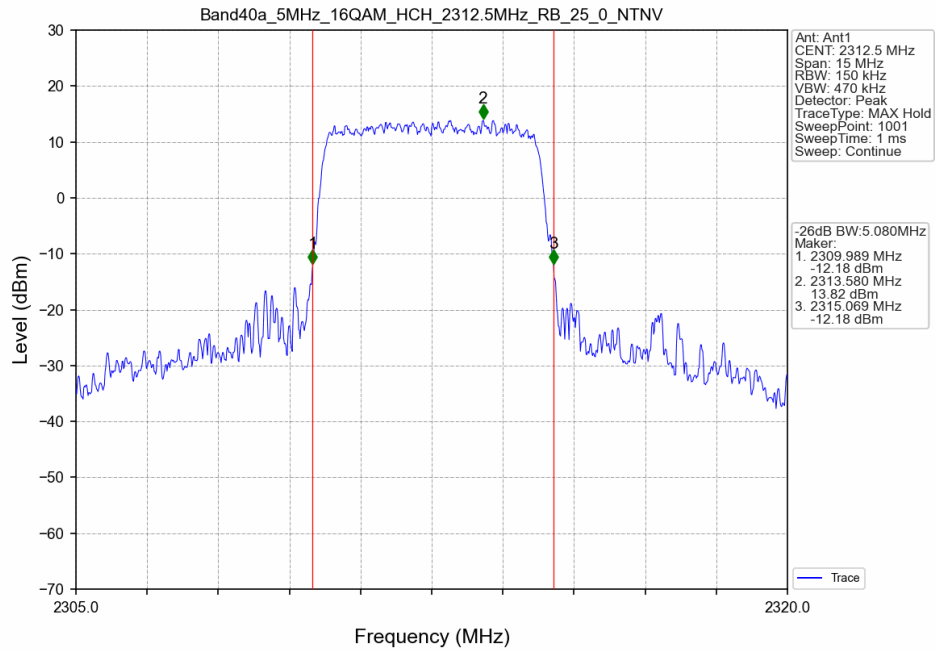
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



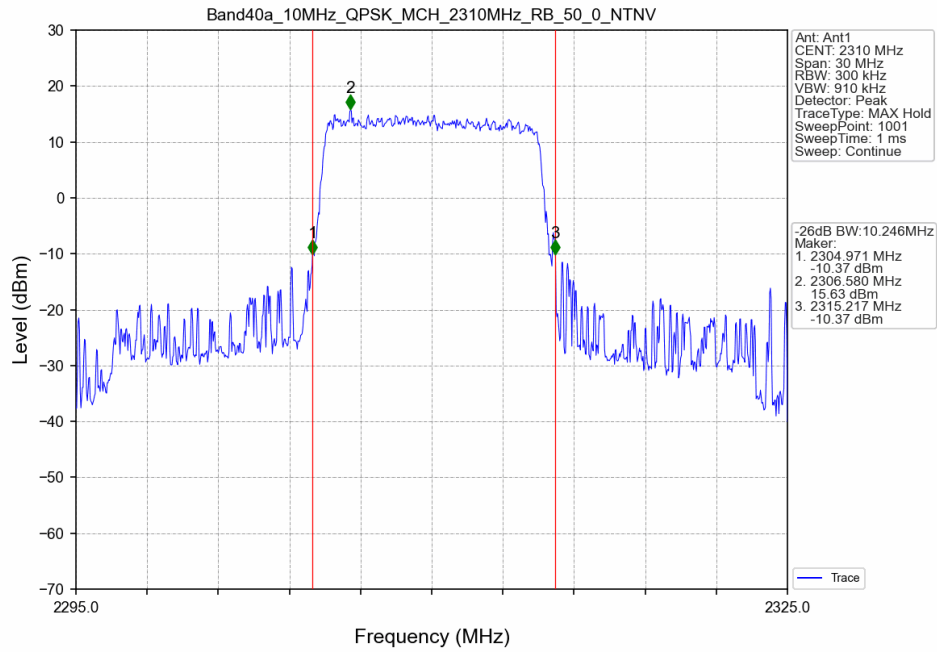
Band40a 5MHz 16QAM MCH 2310MHz RB 25 0 NTNV



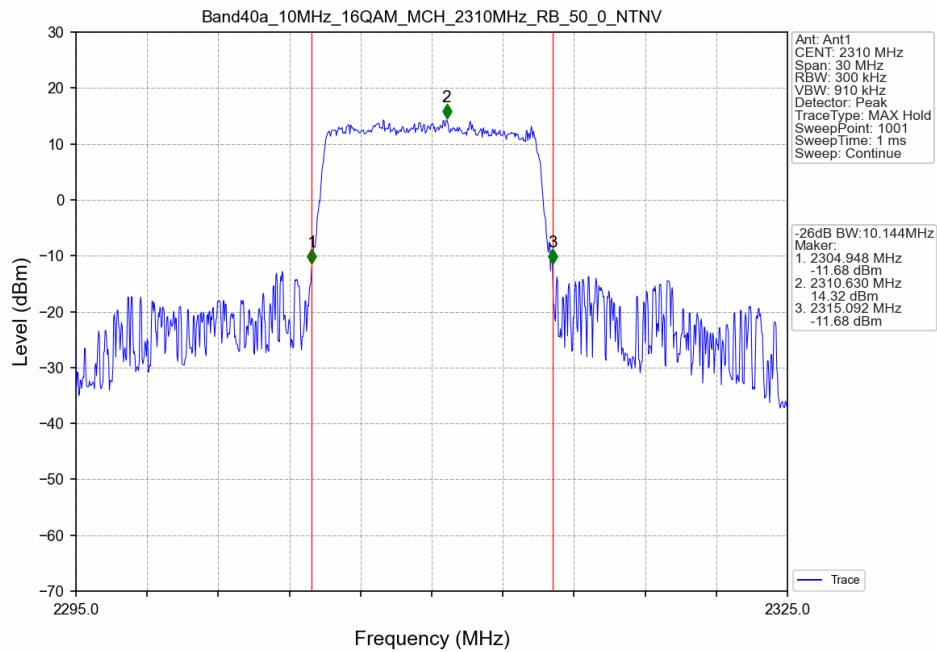
Band40a 5MHz 16QAM HCH 2312.5MHz RB 25 0 NTNV



Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



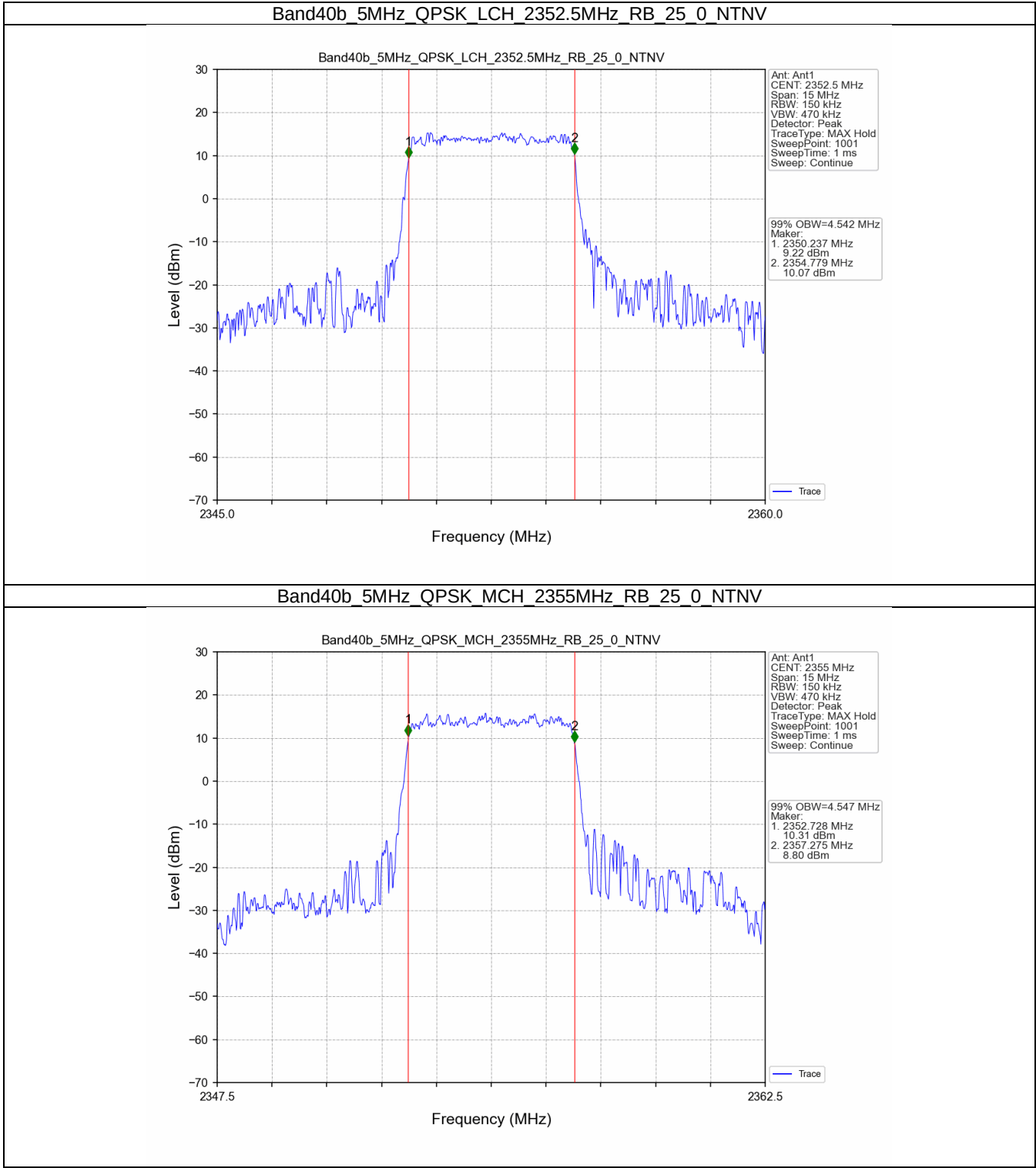
5. 99% & 26dB Bandwidth

5.1 Band40b_OBW

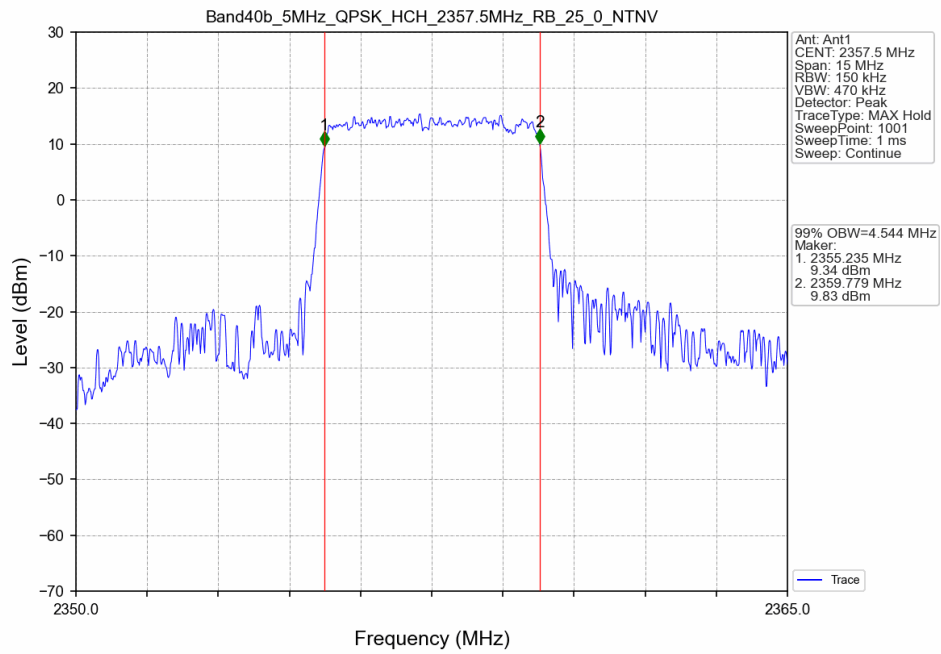
5.1.1 Test Result

Band: 40b / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2352.5	25	0	4.542	/	Pass
		2355	25	0	4.547	/	Pass
		2357.5	25	0	4.544	/	Pass
	16QAM	2352.5	25	0	4.576	/	Pass
		2355	25	0	4.533	/	Pass
		2357.5	25	0	4.556	/	Pass
10	QPSK	2355	50	0	9.040	/	Pass
	16QAM	2355	50	0	9.057	/	Pass

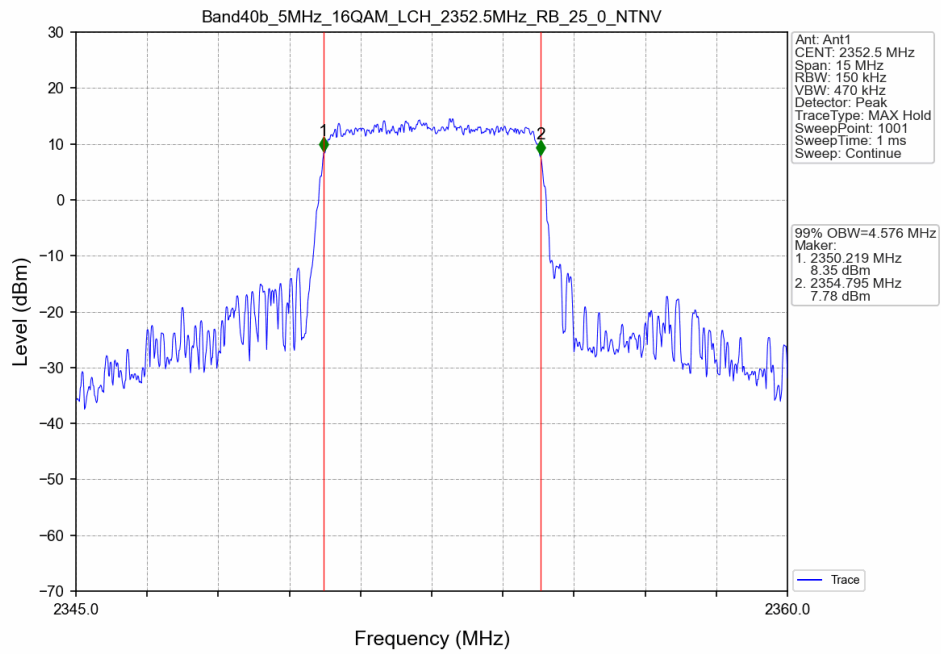
5.1.2 Test Graph



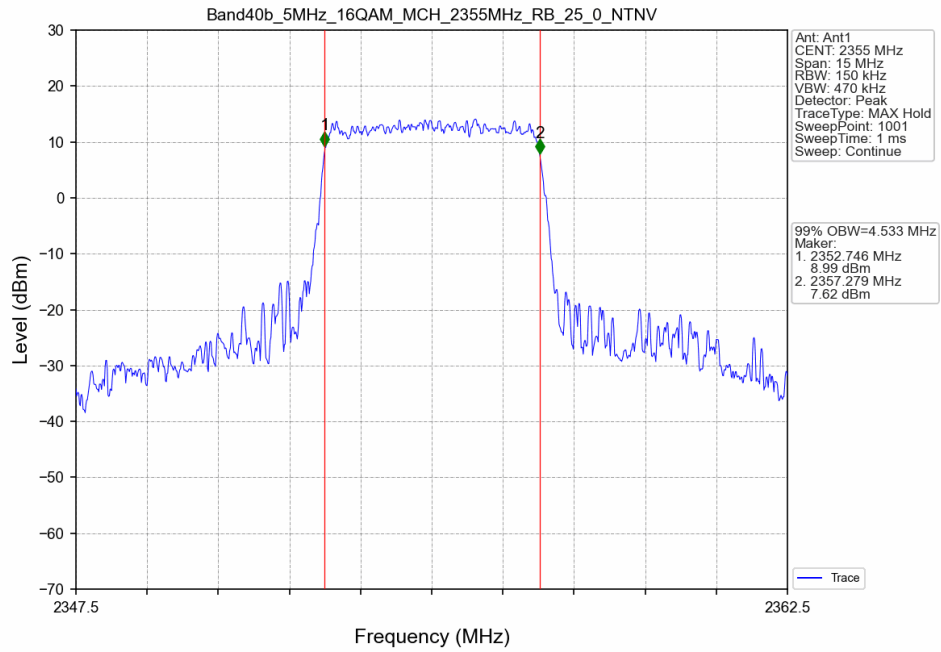
Band40b 5MHz QPSK HCH 2357.5MHz RB 25 0 NTV



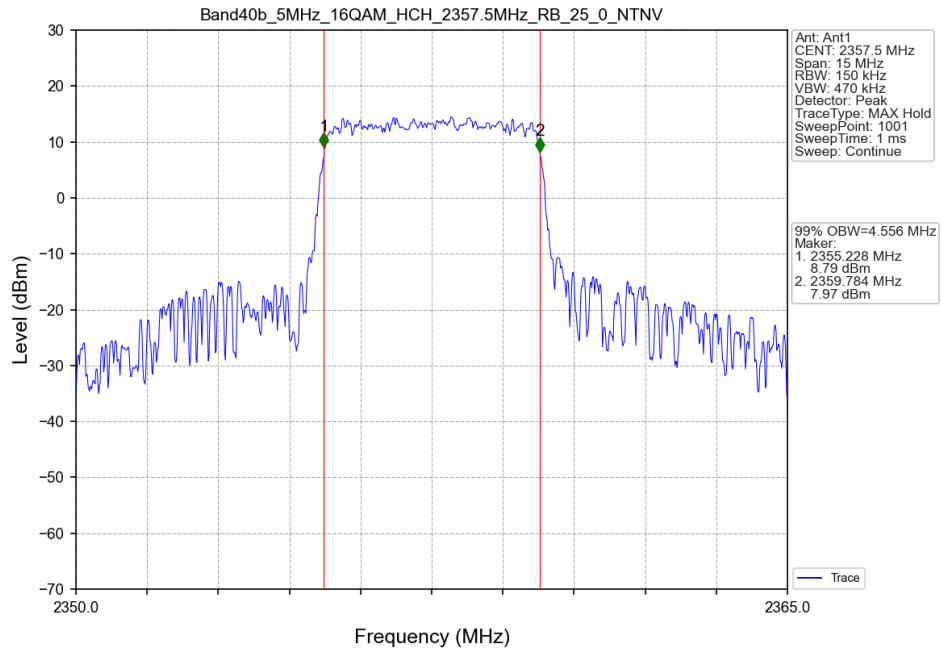
Band40b 5MHz 16QAM LCH 2352.5MHz RB 25 0 NTV



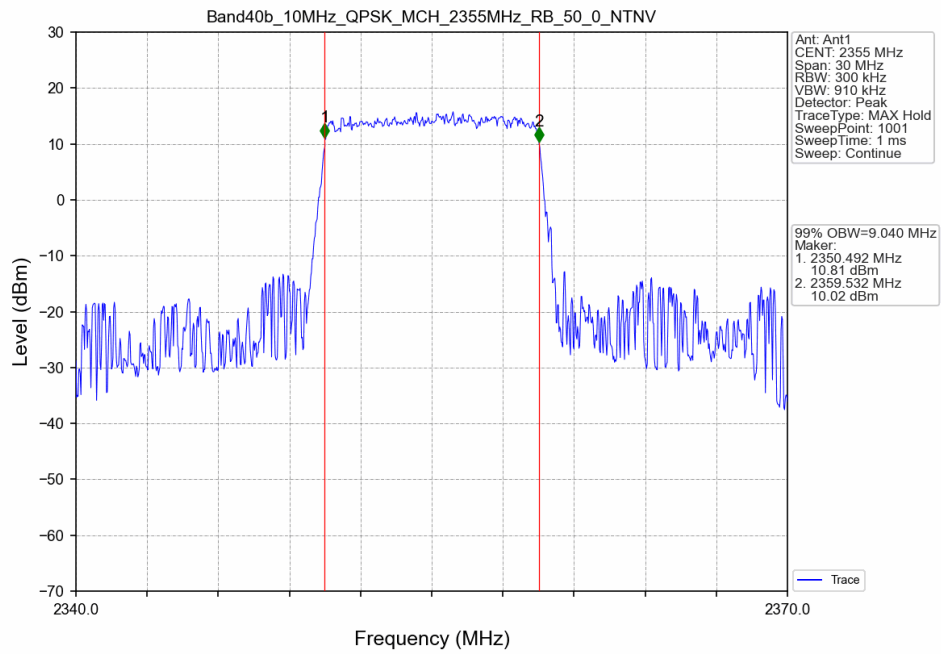
Band40b 5MHz 16QAM MCH 2355MHz RB 25 0 NTV



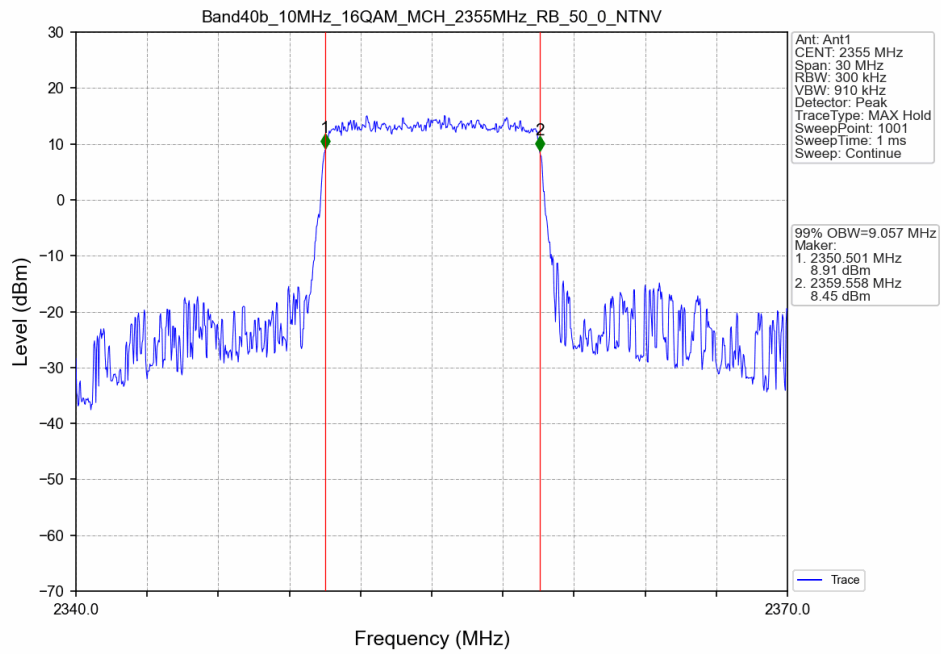
Band40b 5MHz 16QAM HCH 2357.5MHz RB 25 0 NTV



Band40b_10MHz_QPSK_MCH_2355MHz_RB_50_0_NTNV



Band40b_10MHz_16QAM_MCH_2355MHz_RB_50_0_NTNV

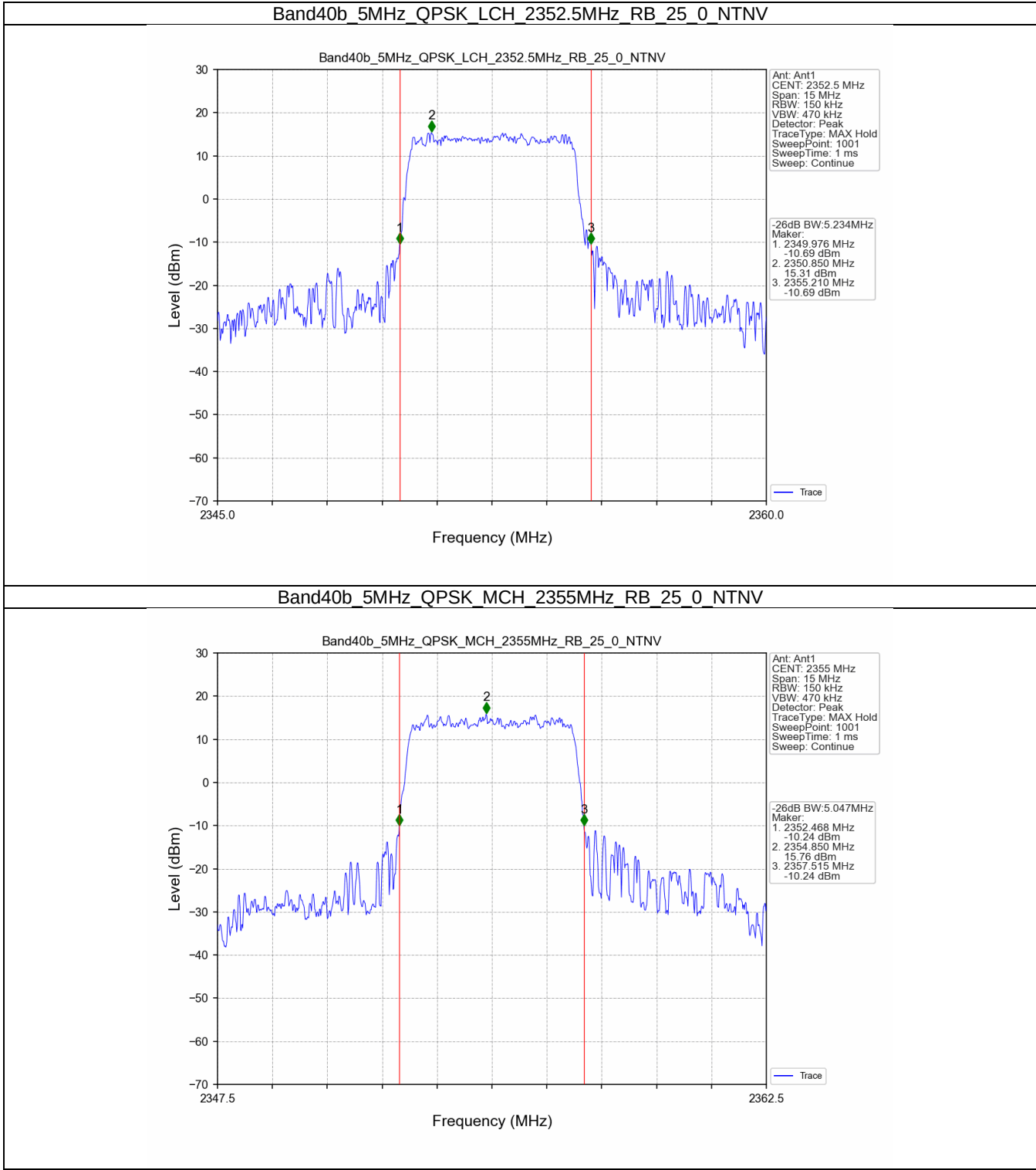


5.2 Band40b_XDB

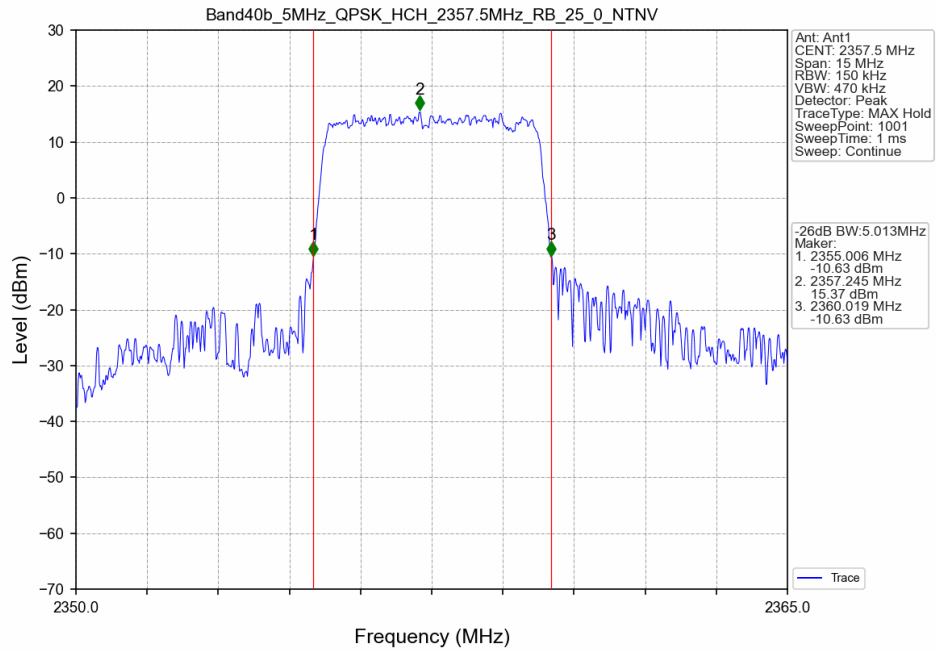
5.2.1 Test Result

Band: 40b / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2352.5	25	0	5.234	/	Pass
		2355	25	0	5.047	/	Pass
		2357.5	25	0	5.013	/	Pass
	16QAM	2352.5	25	0	5.066	/	Pass
		2355	25	0	5.045	/	Pass
		2357.5	25	0	5.306	/	Pass
10	QPSK	2355	50	0	10.073	/	Pass
	16QAM	2355	50	0	10.103	/	Pass

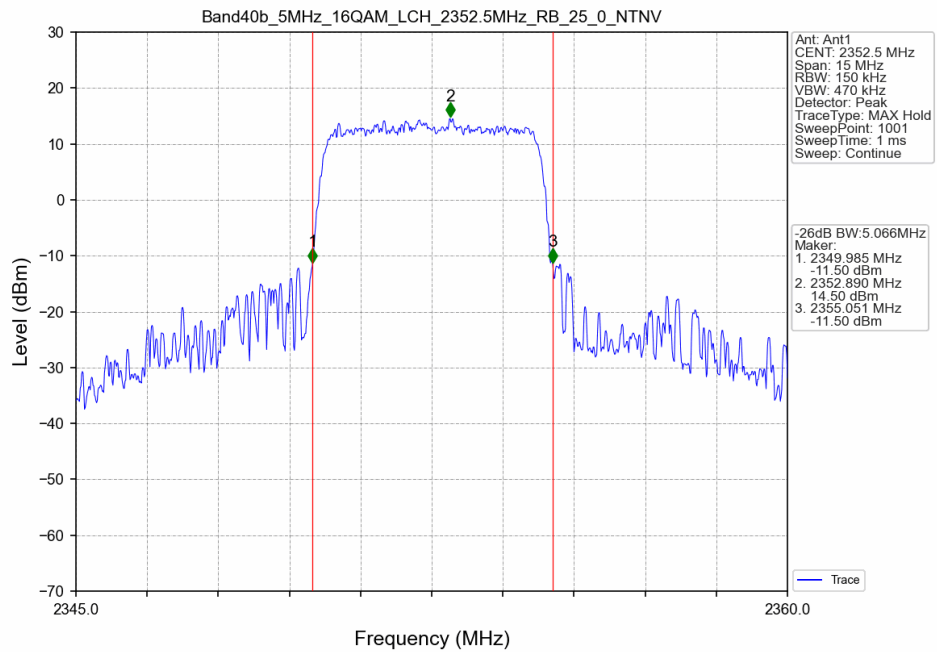
5.2.2 Test Graph



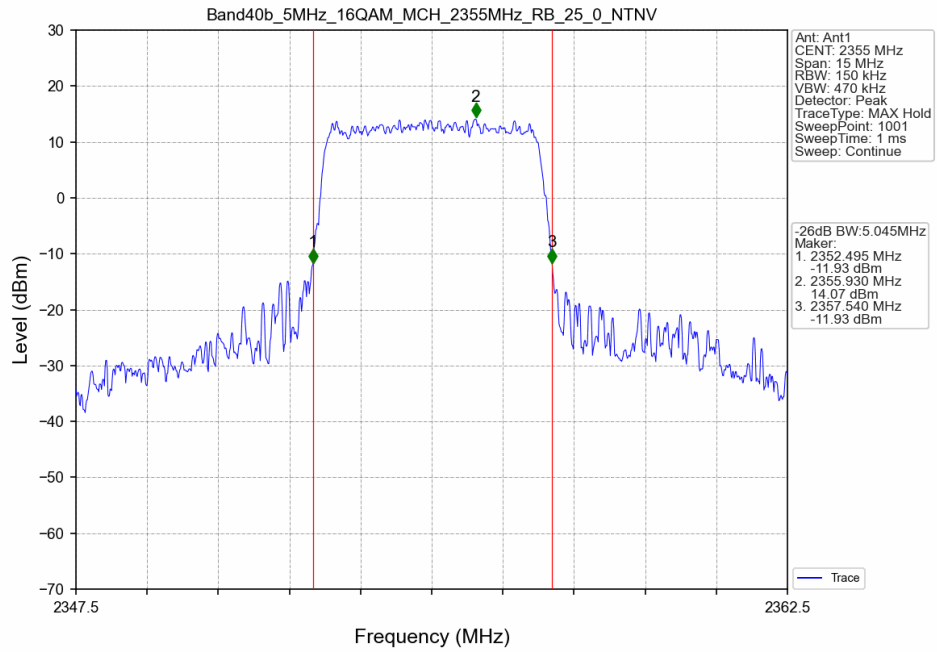
Band40b_5MHz_QPSK_HCH_2357.5MHz_RB_25_0_NTNV



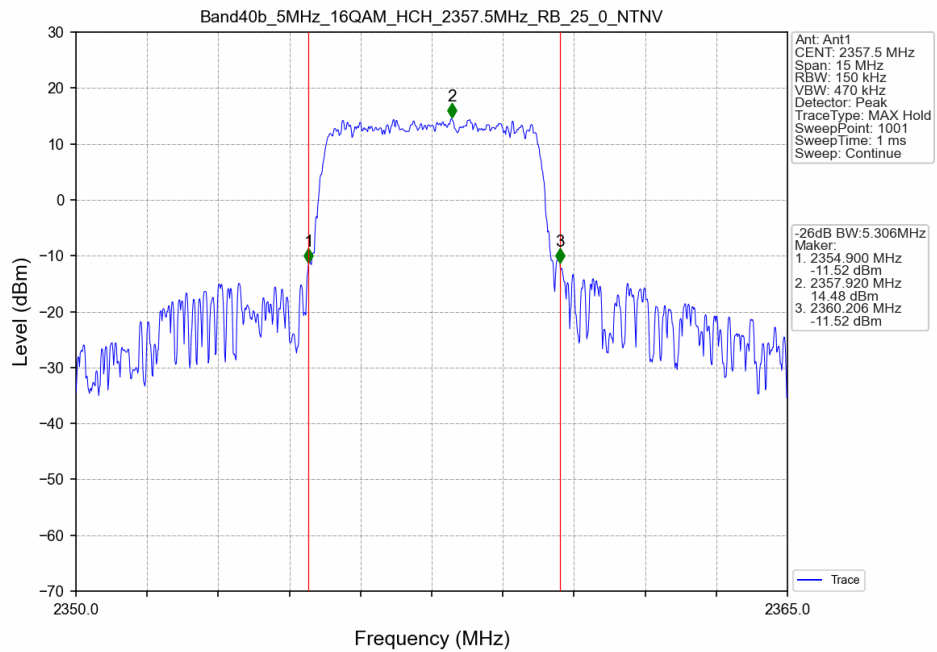
Band40b_5MHz_16QAM_LCH_2352.5MHz_RB_25_0_NTNV



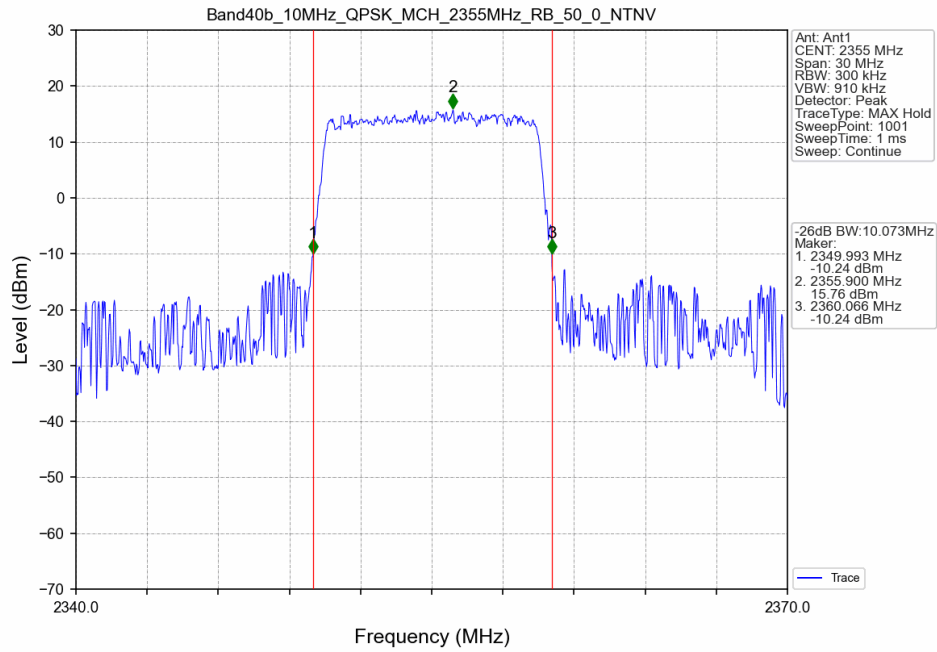
Band40b 5MHz 16QAM MCH 2355MHz RB 25 0 NTNV



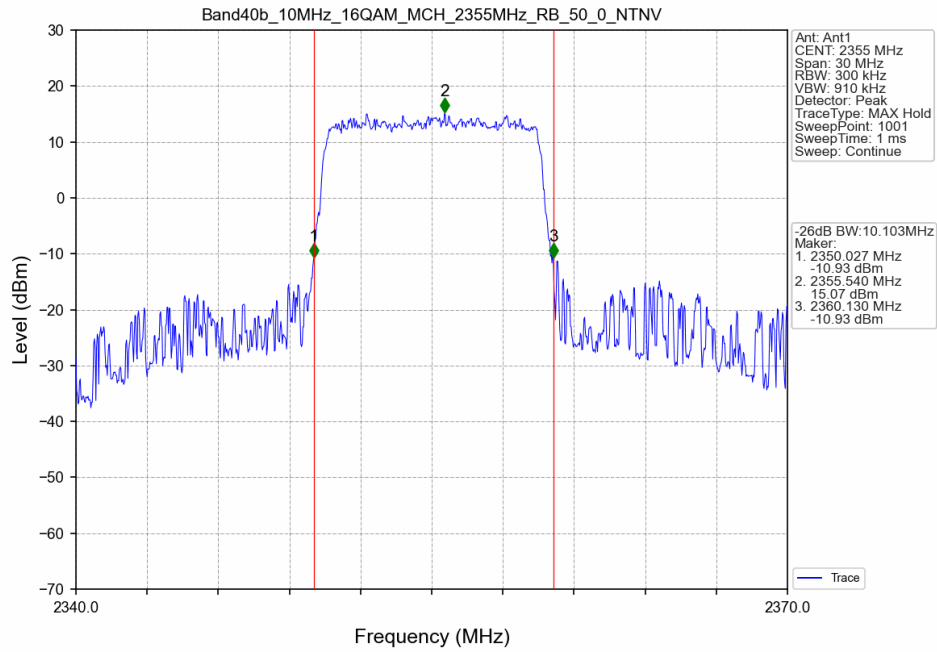
Band40b 5MHz 16QAM HCH 2357.5MHz RB 25 0 NTNV



Band40b_10MHz_QPSK_MCH_2355MHz_RB_50_0_NTNV



Band40b_10MHz_16QAM_MCH_2355MHz_RB_50_0_NTNV



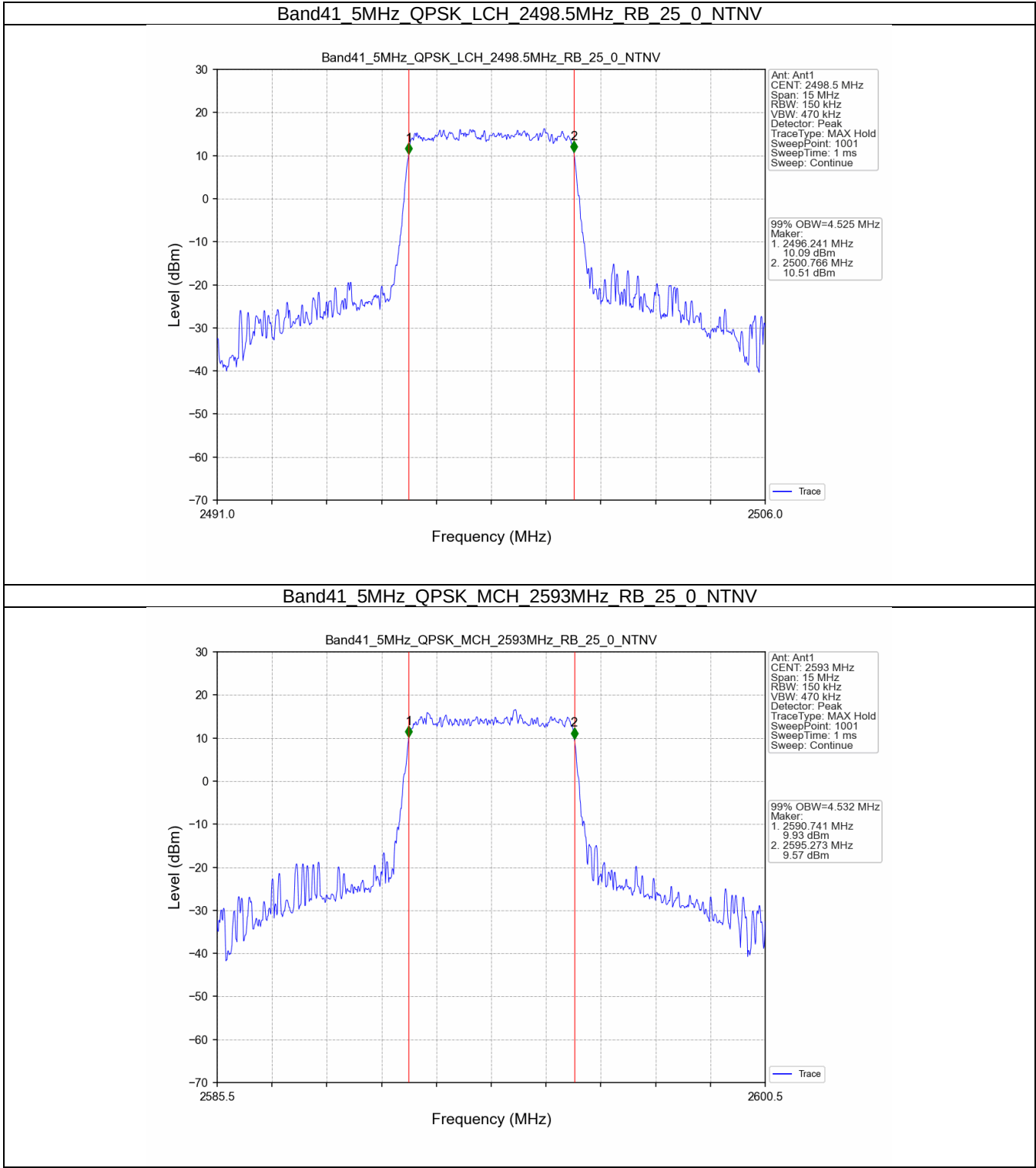
6. 99% & 26dB Bandwidth

6.1 Band41_OBW

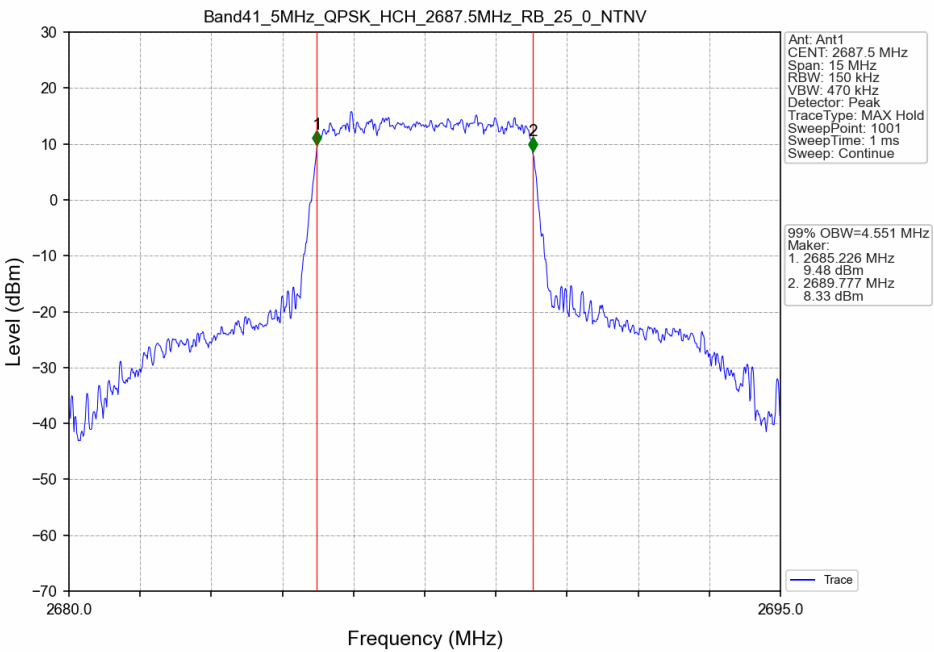
6.1.1 Test Result

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	4.525	/	Pass
		2593	25	0	4.532	/	Pass
		2687.5	25	0	4.551	/	Pass
	16QAM	2498.5	25	0	4.553	/	Pass
		2593	25	0	4.544	/	Pass
		2687.5	25	0	4.521	/	Pass
10	QPSK	2501	50	0	9.051	/	Pass
		2593	50	0	9.021	/	Pass
		2685	50	0	9.060	/	Pass
	16QAM	2501	50	0	9.052	/	Pass
		2593	50	0	9.032	/	Pass
		2685	50	0	9.038	/	Pass
15	QPSK	2503.5	75	0	13.544	/	Pass
		2593	75	0	13.509	/	Pass
		2682.5	75	0	13.513	/	Pass
	16QAM	2503.5	75	0	13.525	/	Pass
		2593	75	0	13.574	/	Pass
		2682.5	75	0	13.587	/	Pass
20	QPSK	2506	100	0	18.095	/	Pass
		2593	100	0	18.009	/	Pass
		2680	100	0	18.066	/	Pass
	16QAM	2506	100	0	18.009	/	Pass
		2593	100	0	18.019	/	Pass
		2680	100	0	18.034	/	Pass

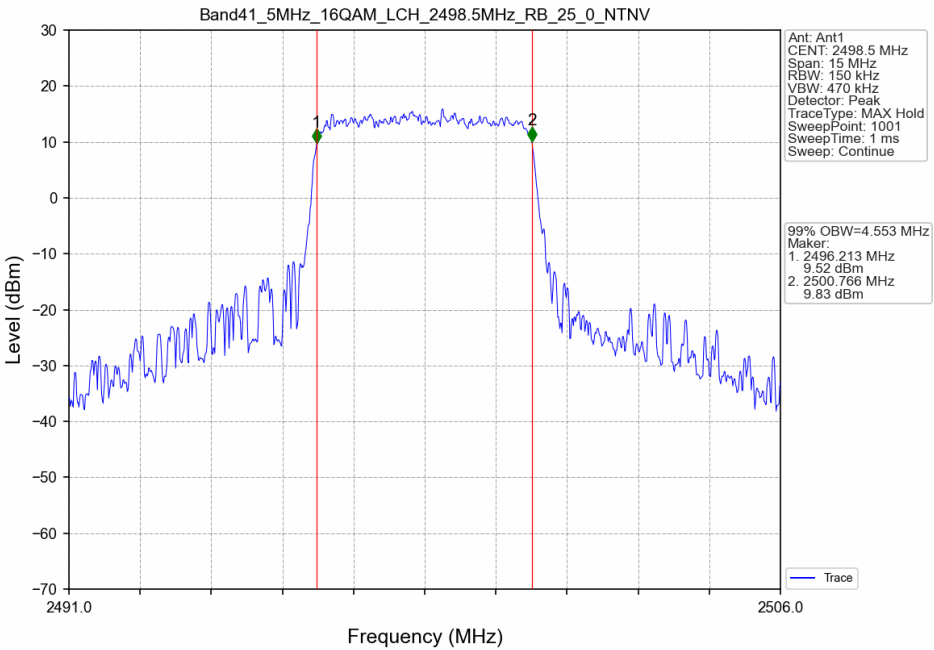
6.1.2 Test Graph



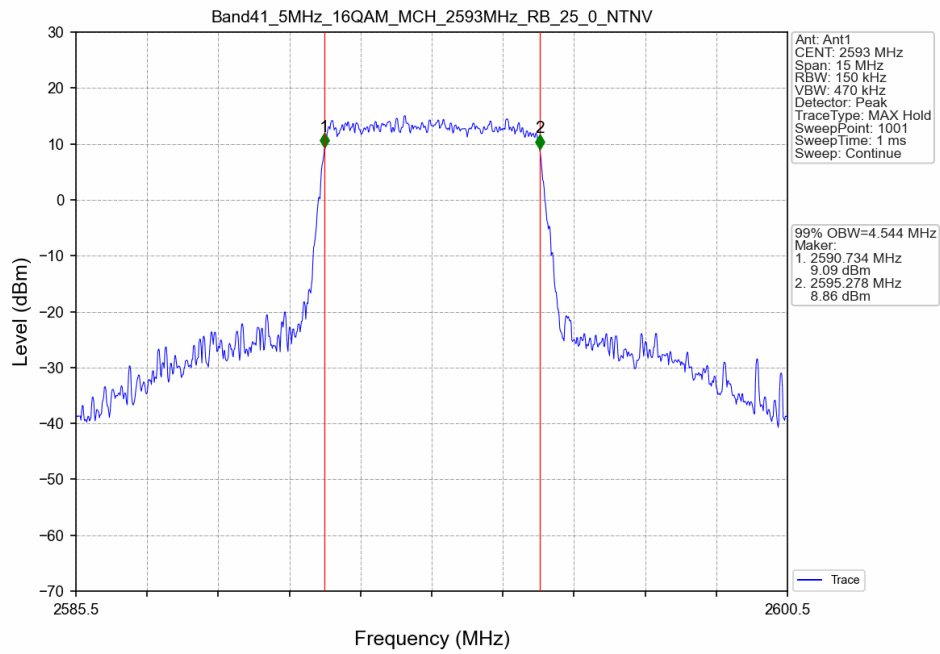
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTV



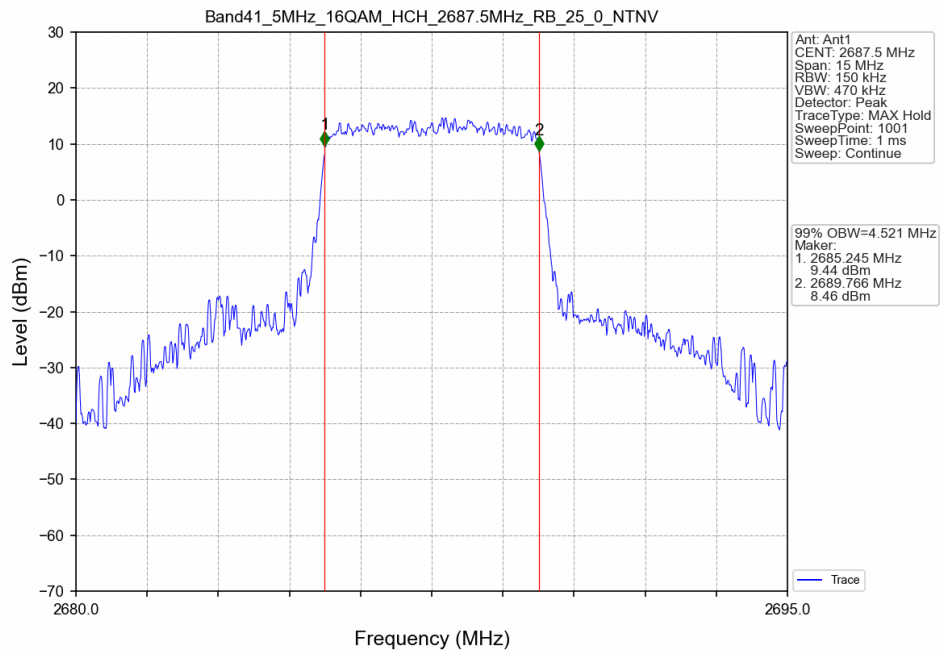
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTV



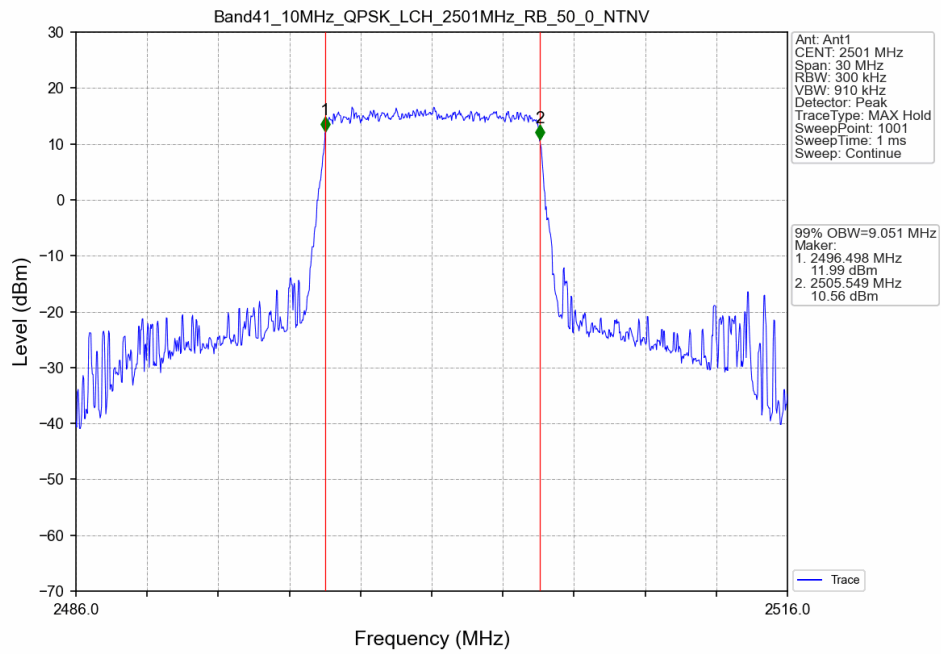
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



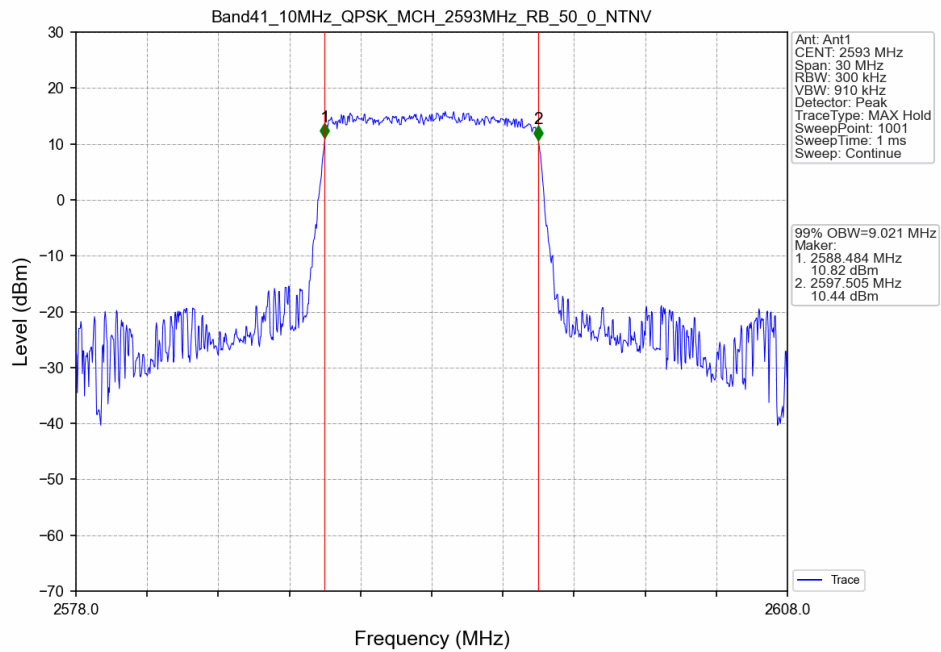
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



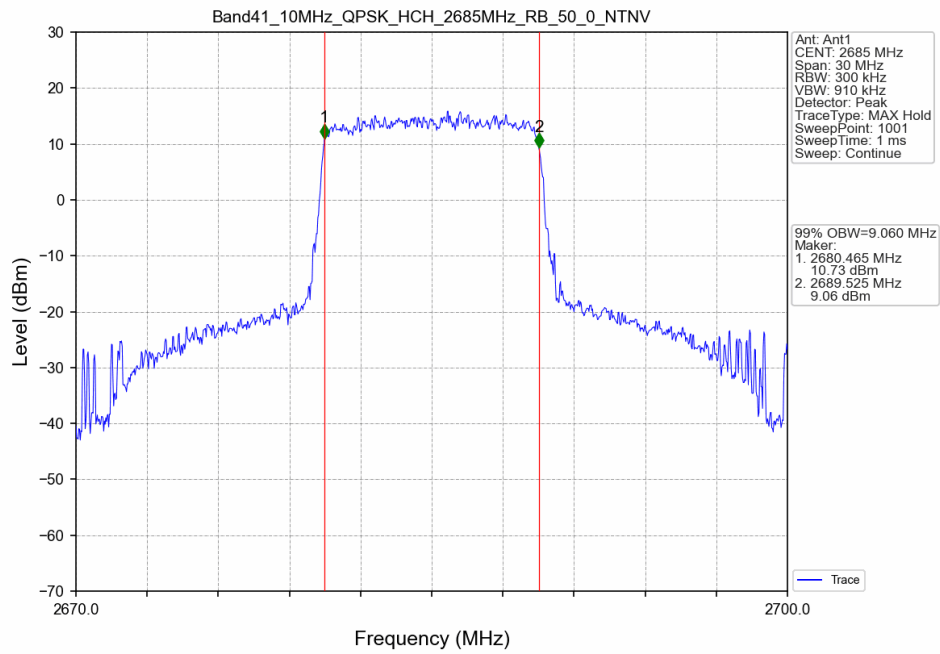
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



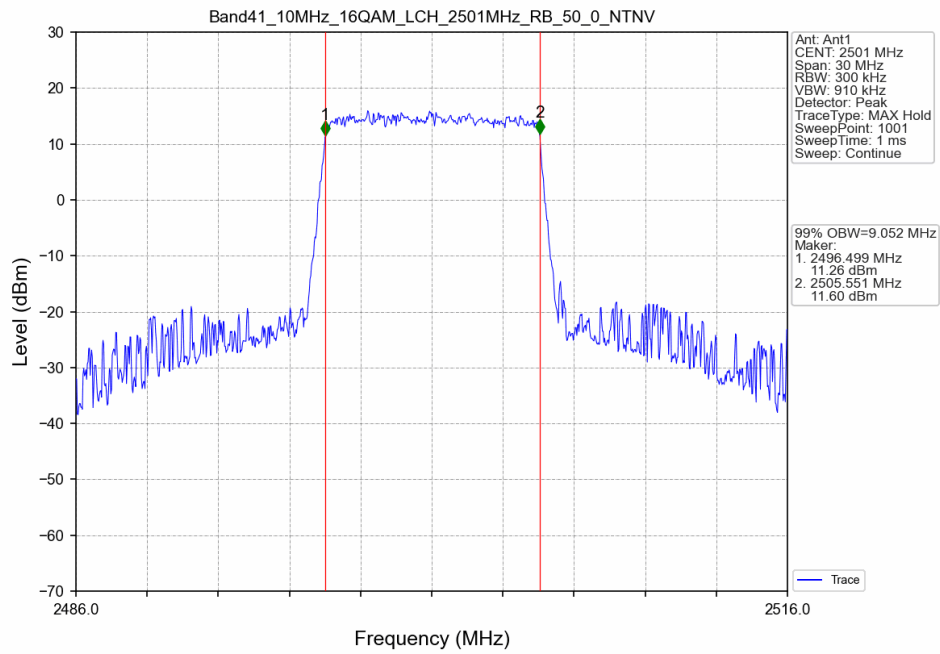
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



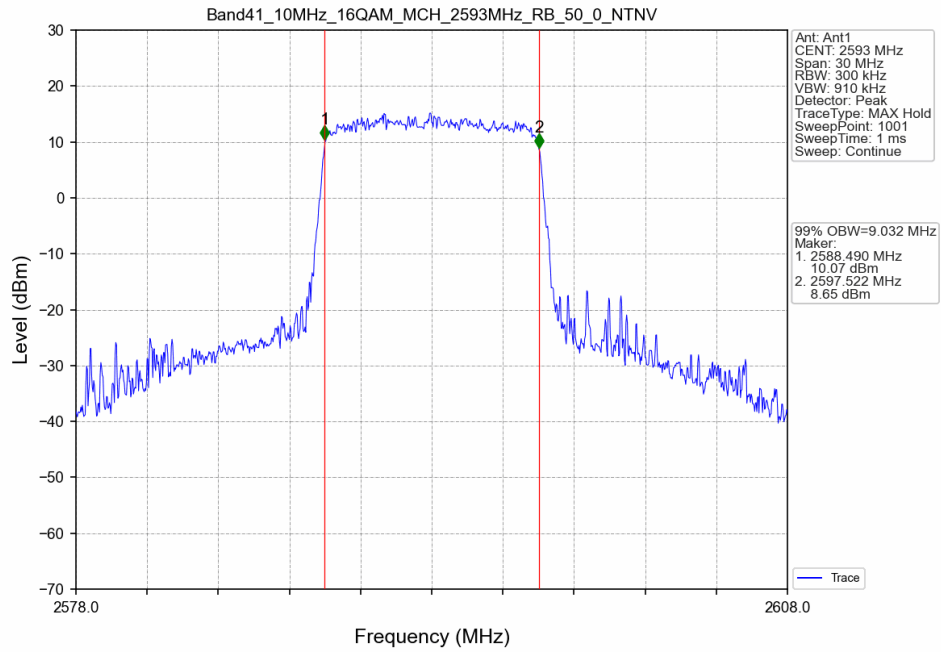
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



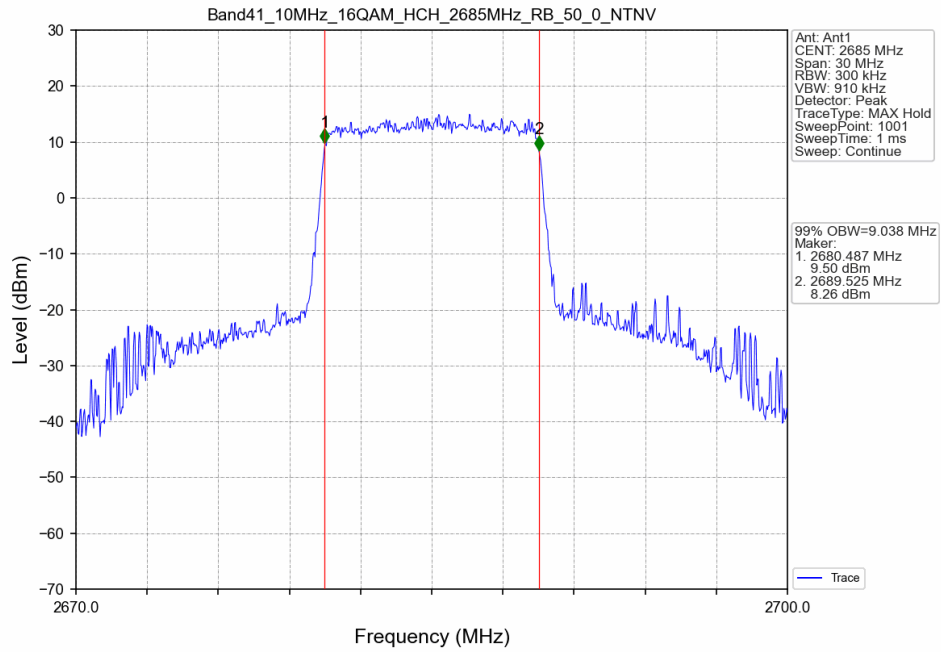
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



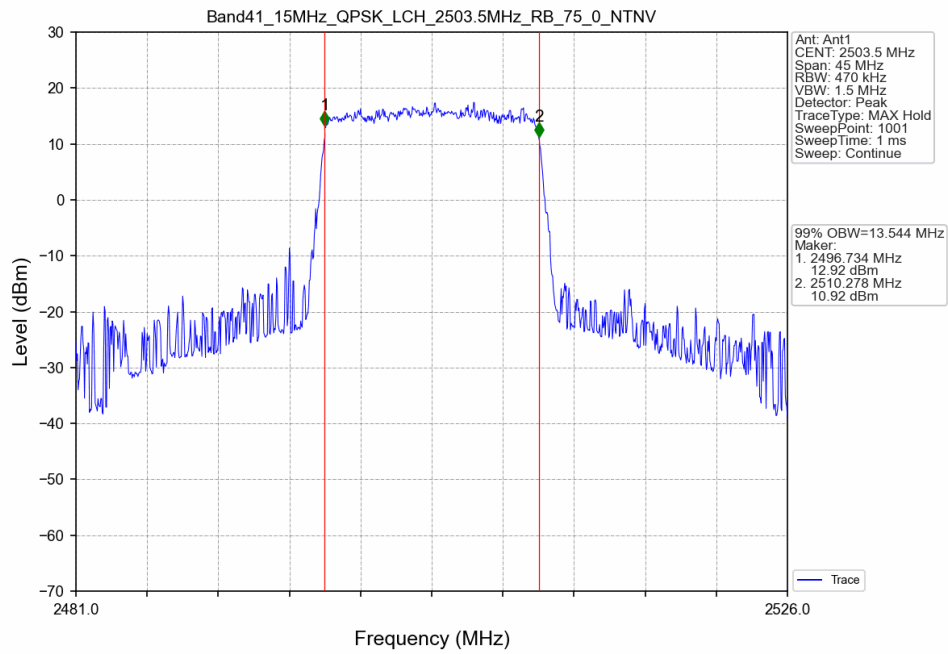
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTV



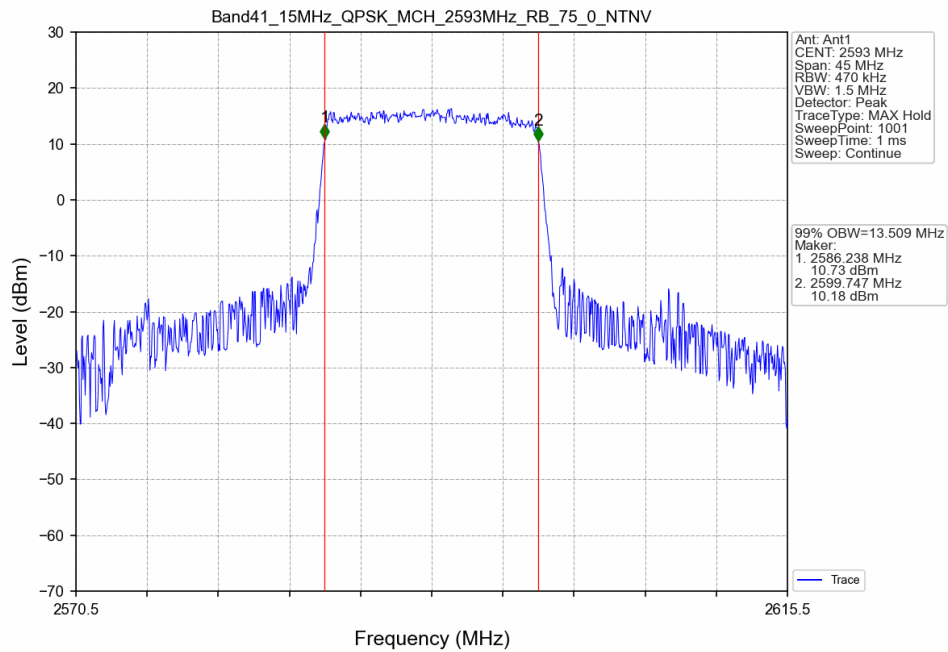
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTV



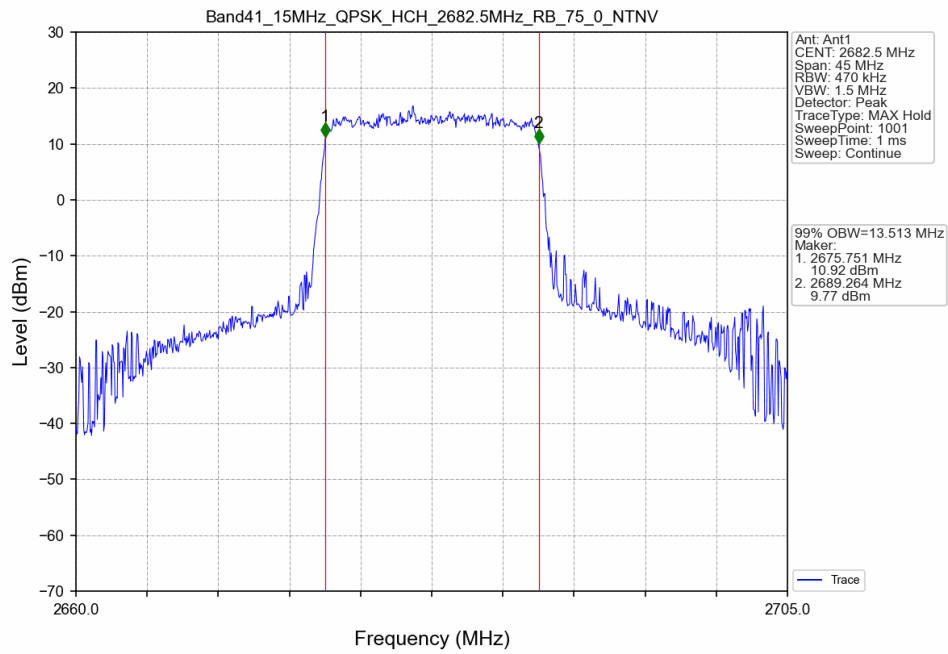
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



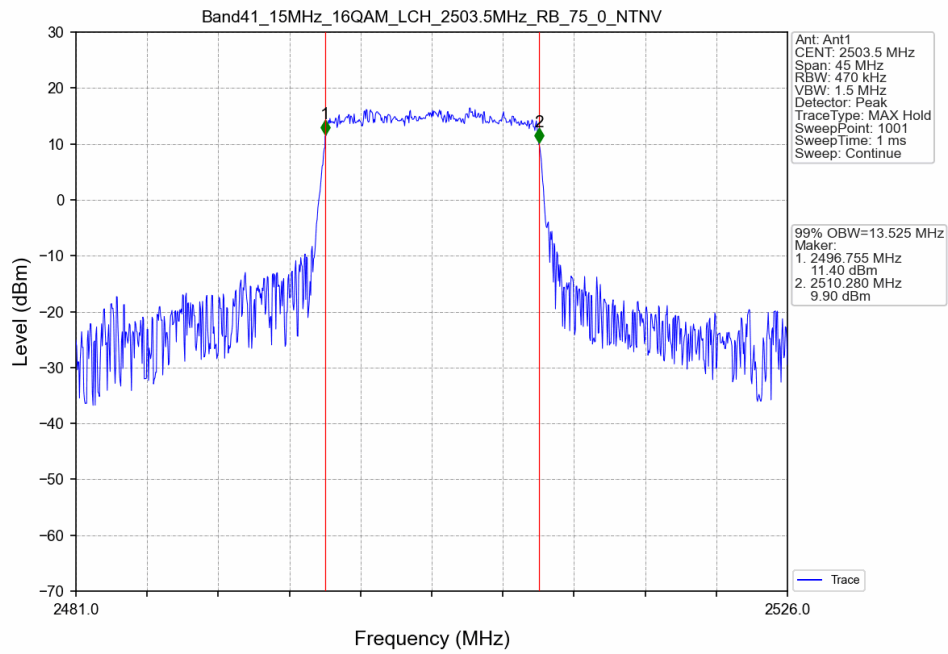
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



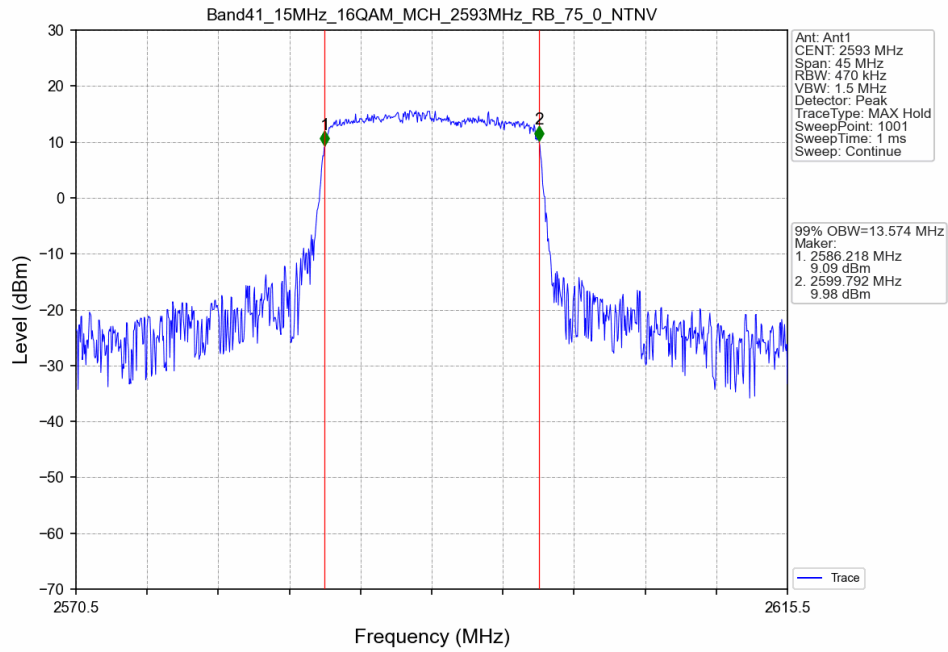
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTV



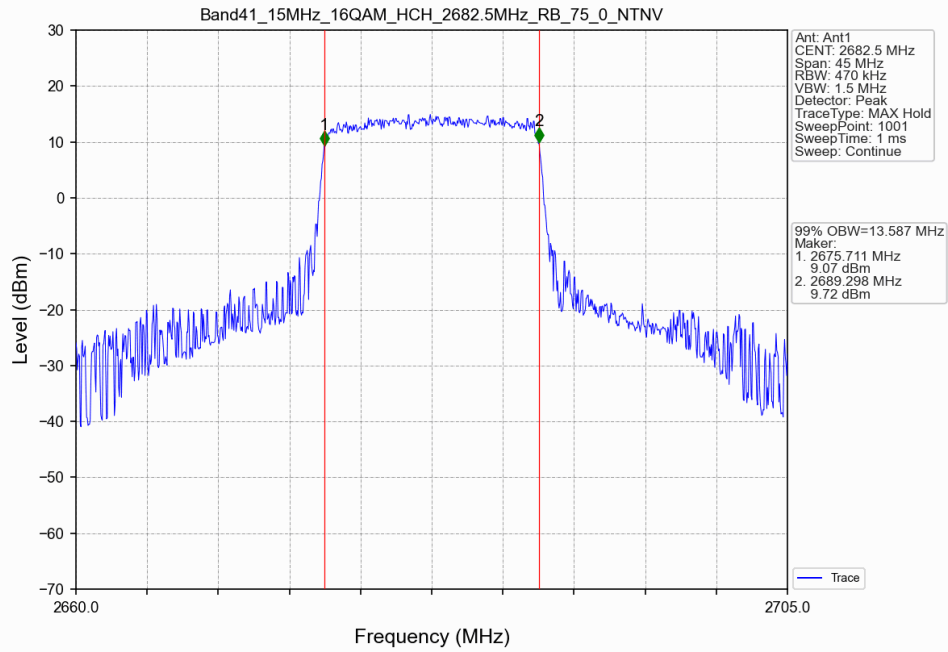
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTV



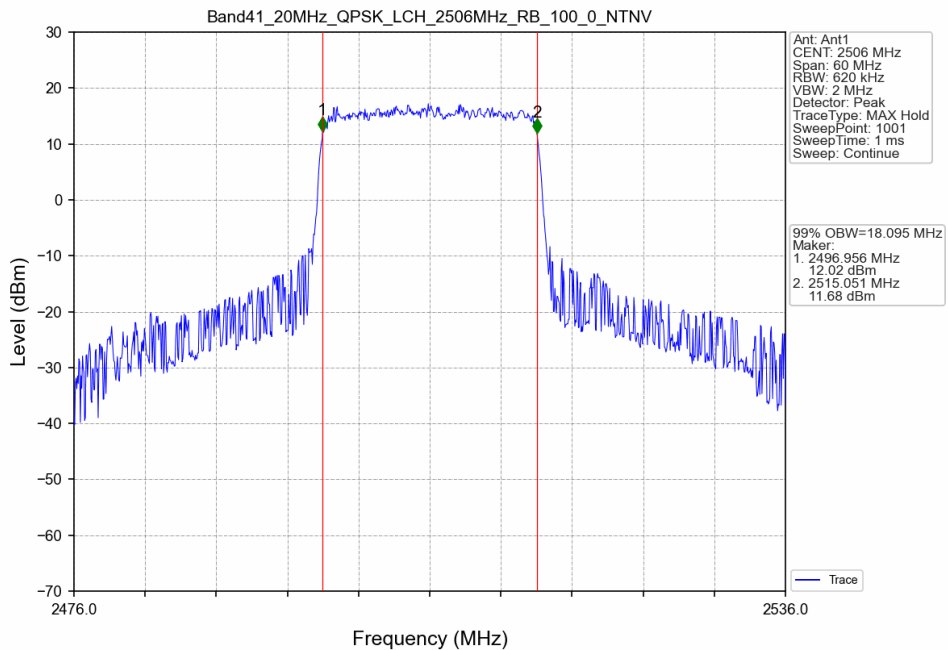
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



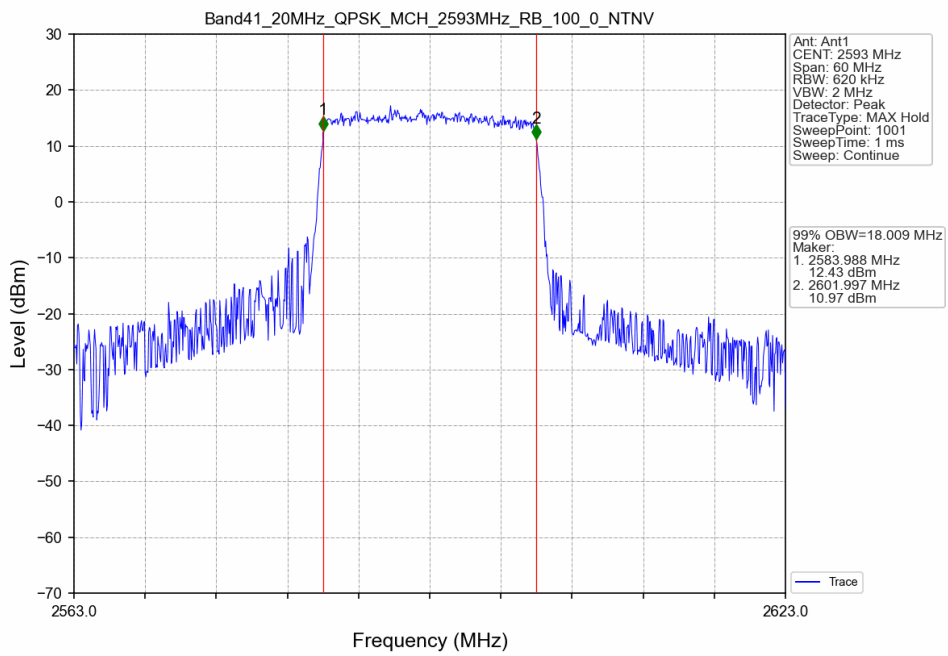
Band41 15MHz 16QAM HCH 2682.5MHz RB 75 0 NTNV



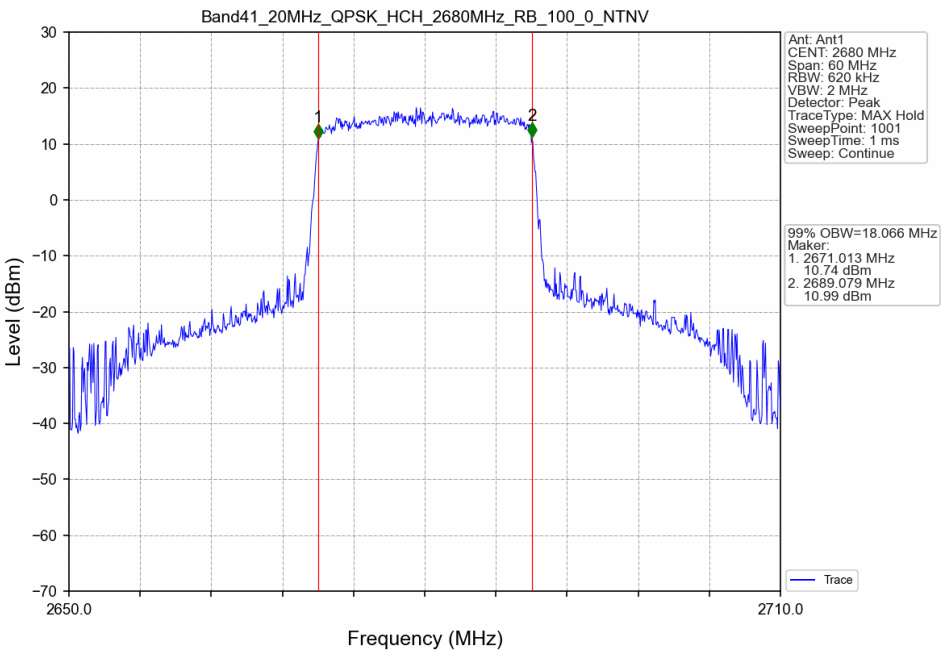
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



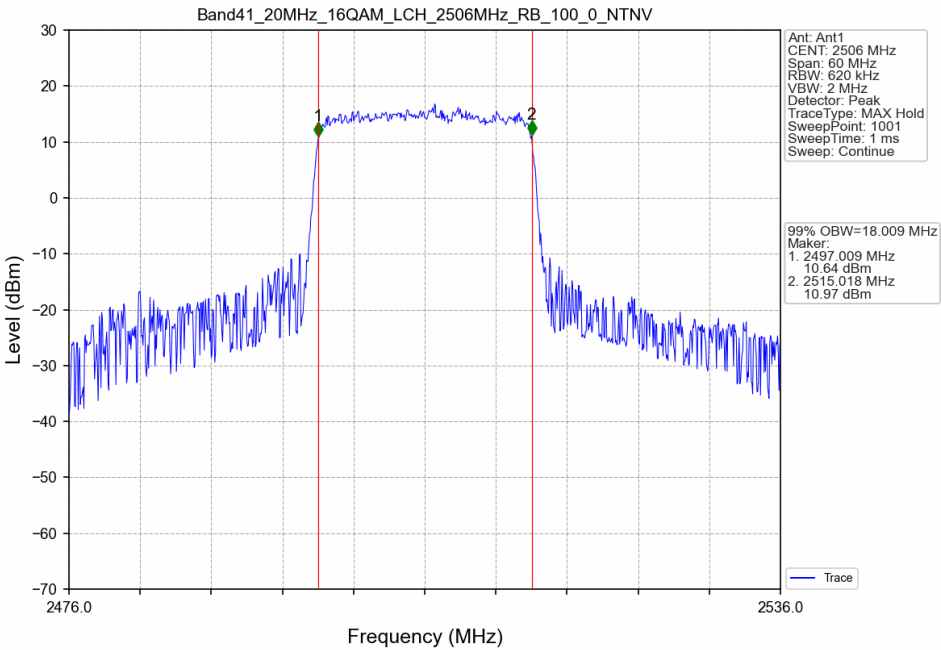
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



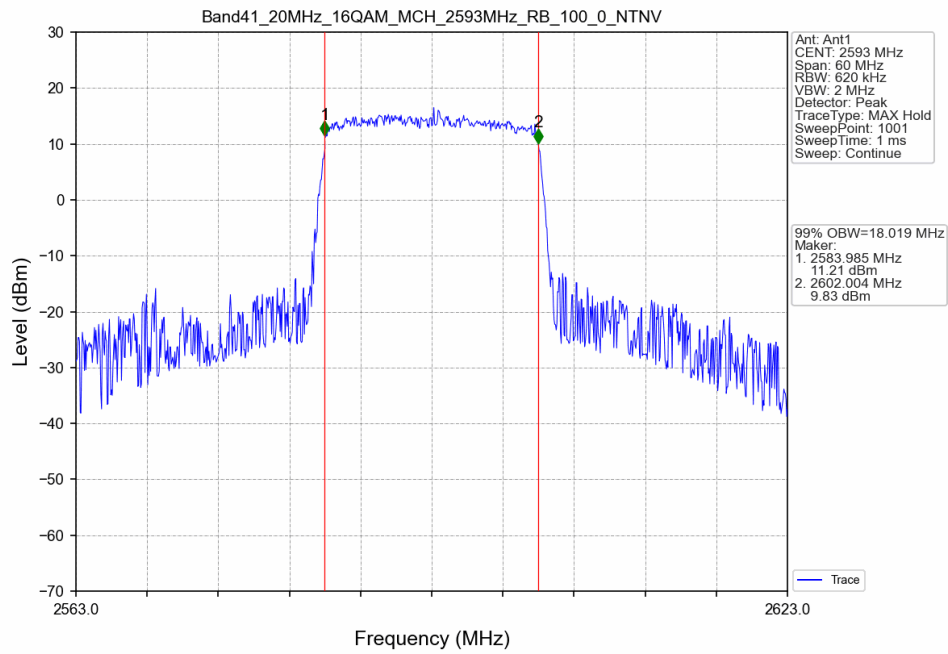
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



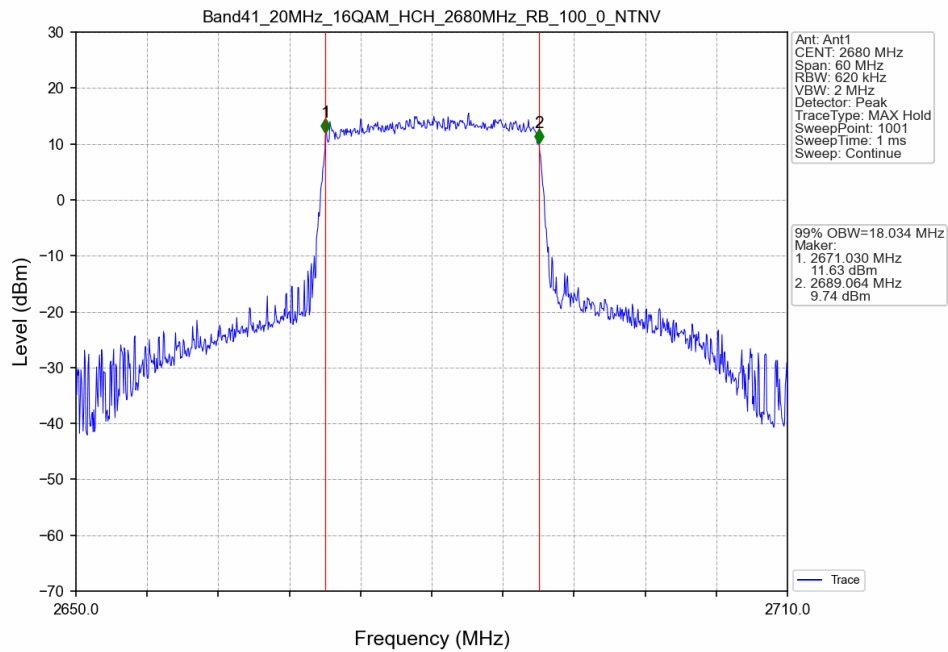
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV

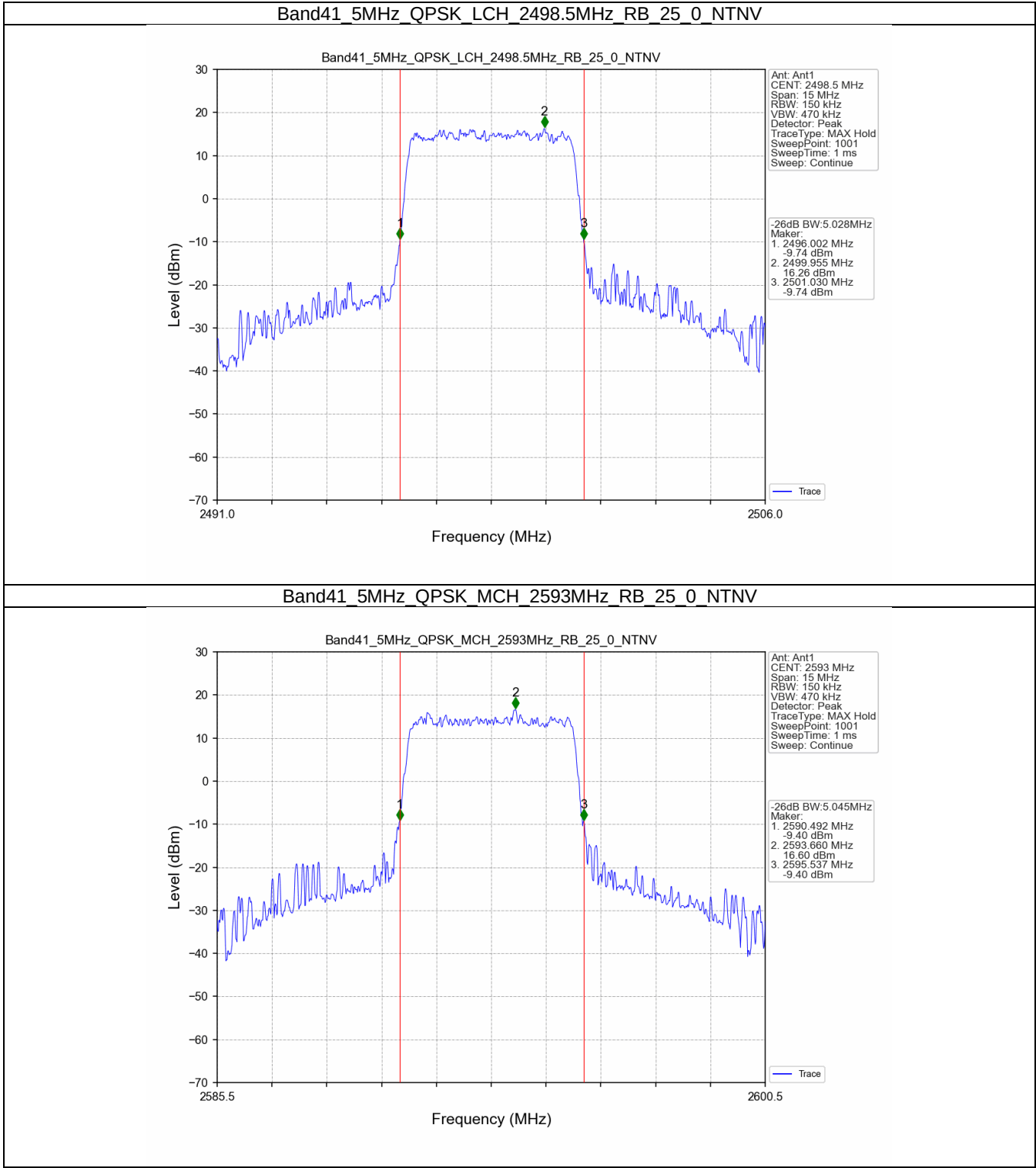


6.2 Band41_XDB

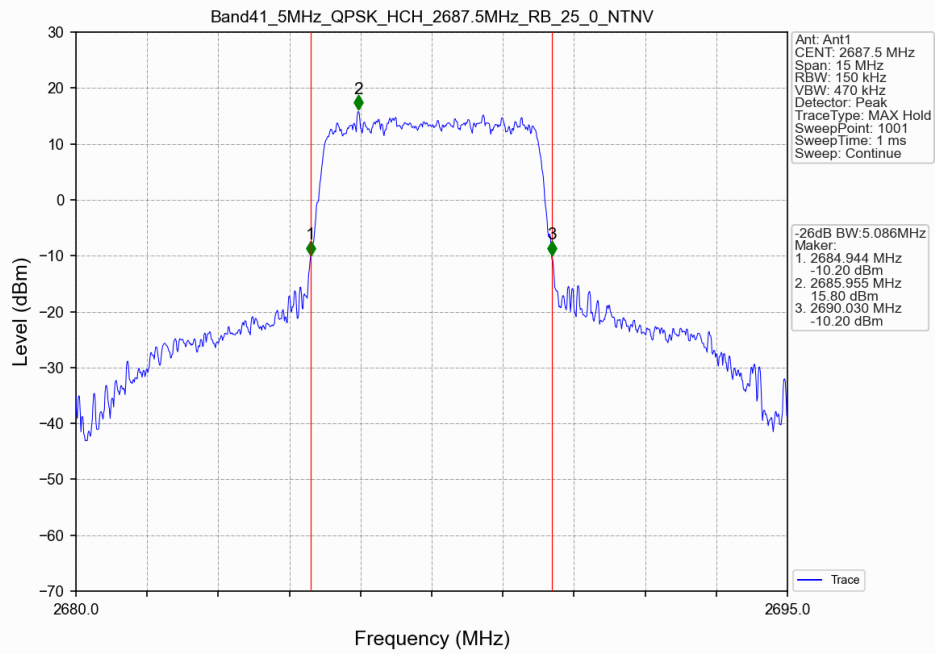
6.2.1 Test Result

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.028	/	Pass
		2593	25	0	5.045	/	Pass
		2687.5	25	0	5.086	/	Pass
	16QAM	2498.5	25	0	5.070	/	Pass
		2593	25	0	5.071	/	Pass
		2687.5	25	0	5.052	/	Pass
10	QPSK	2501	50	0	10.138	/	Pass
		2593	50	0	10.133	/	Pass
		2685	50	0	10.215	/	Pass
	16QAM	2501	50	0	9.985	/	Pass
		2593	50	0	9.935	/	Pass
		2685	50	0	9.991	/	Pass
15	QPSK	2503.5	75	0	14.959	/	Pass
		2593	75	0	14.926	/	Pass
		2682.5	75	0	15.352	/	Pass
	16QAM	2503.5	75	0	15.547	/	Pass
		2593	75	0	15.658	/	Pass
		2682.5	75	0	16.220	/	Pass
20	QPSK	2506	100	0	20.348	/	Pass
		2593	100	0	21.718	/	Pass
		2680	100	0	19.795	/	Pass
	16QAM	2506	100	0	19.651	/	Pass
		2593	100	0	19.890	/	Pass
		2680	100	0	20.067	/	Pass

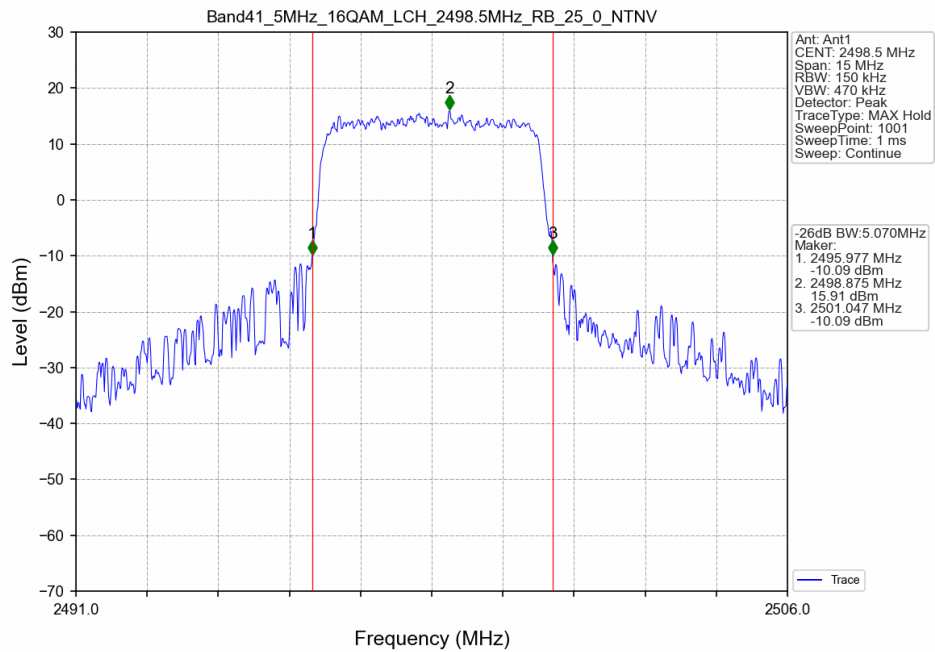
6.2.2 Test Graph



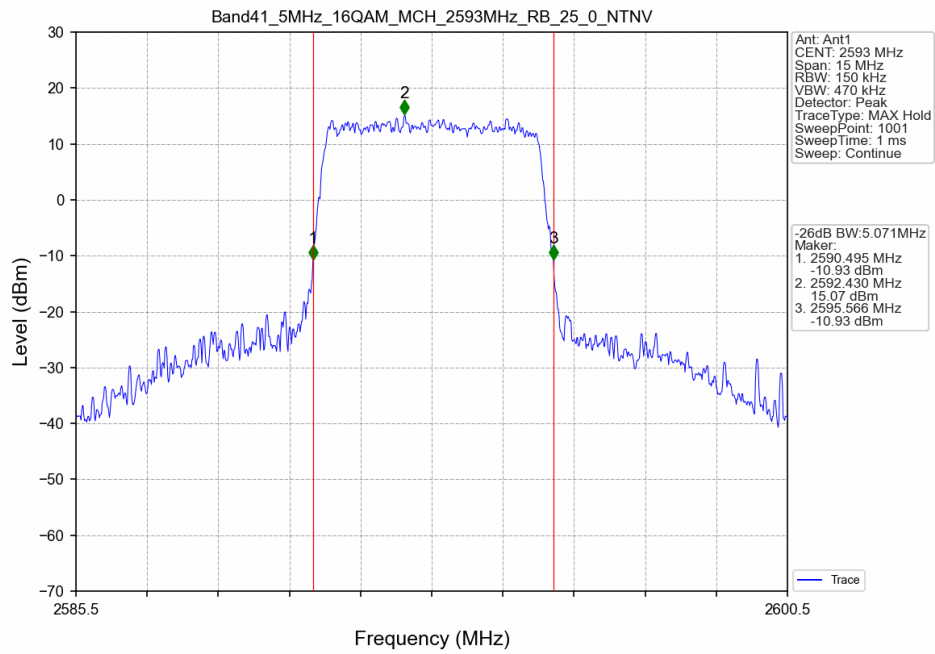
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



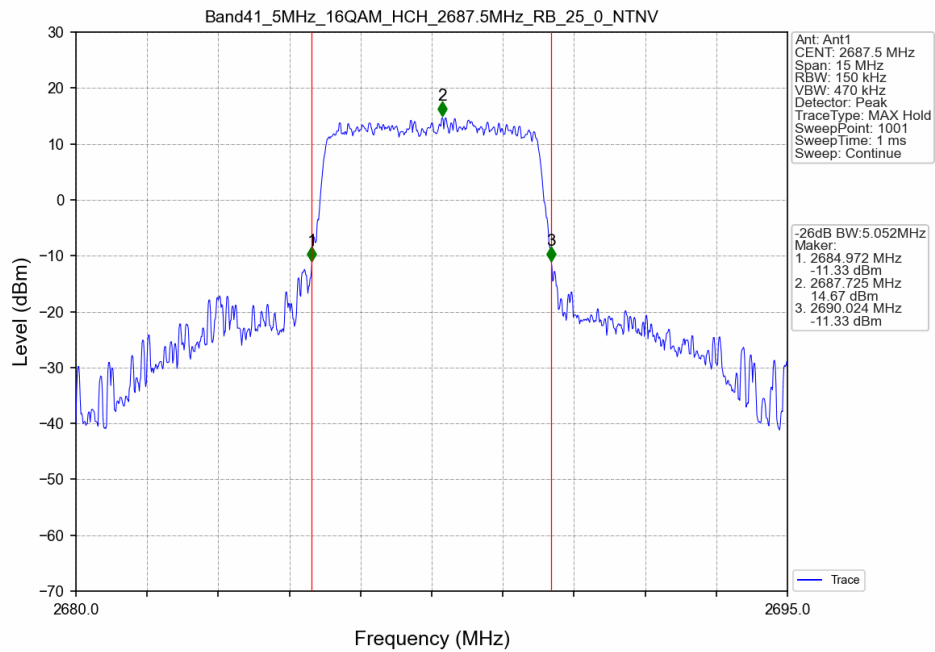
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV



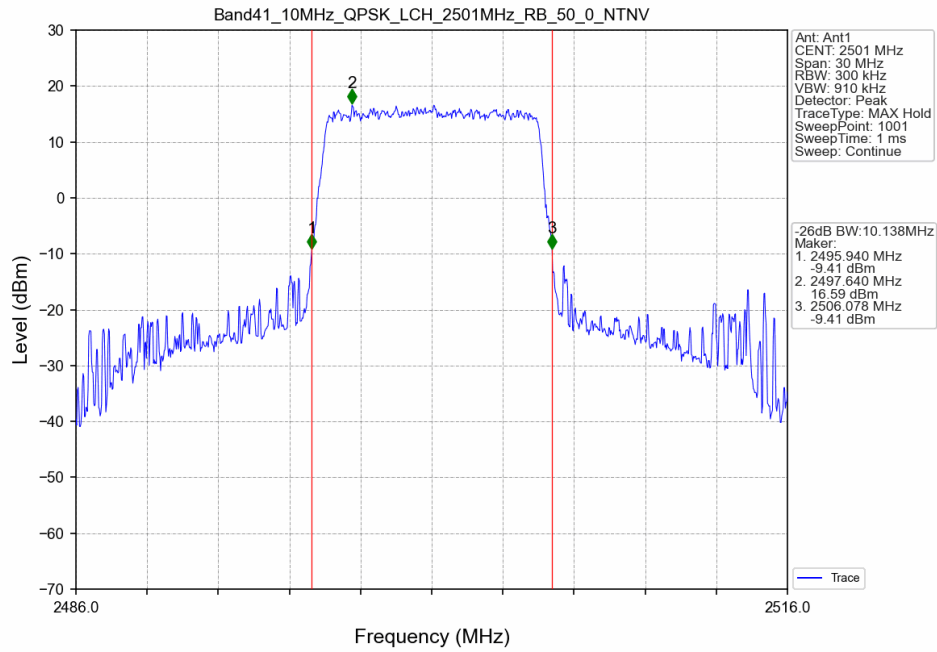
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



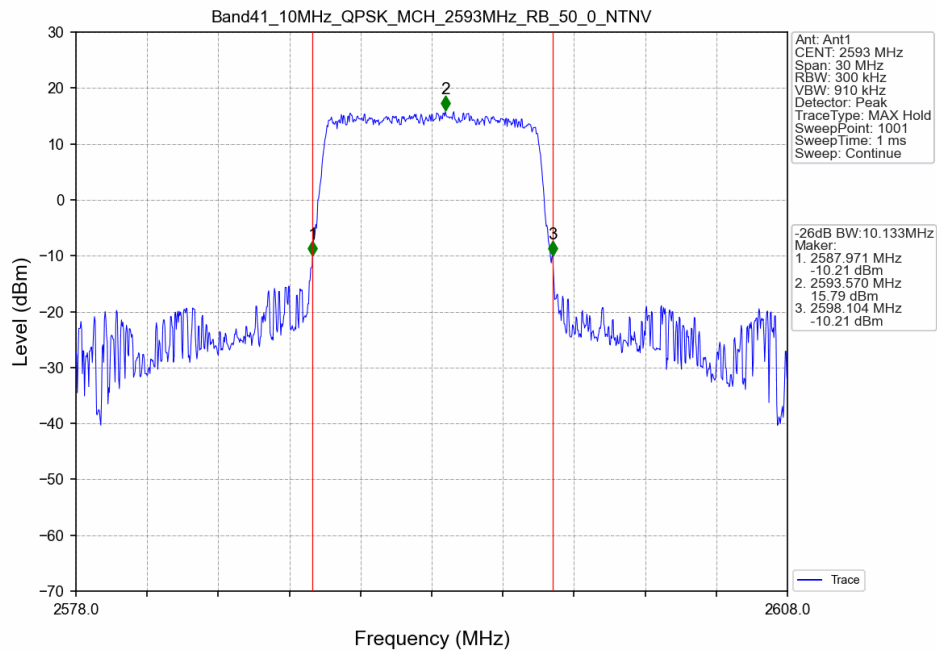
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



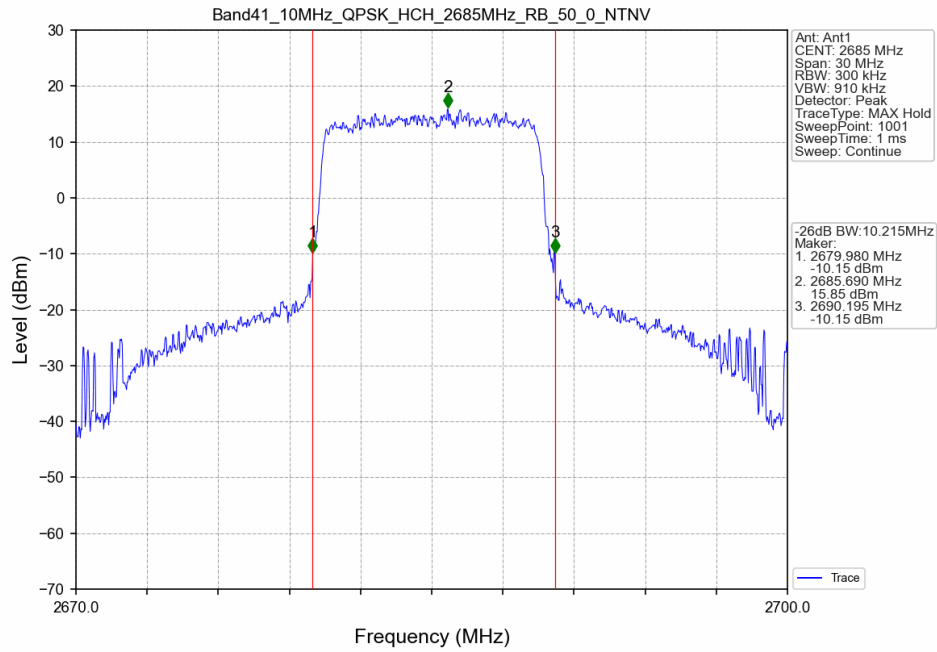
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



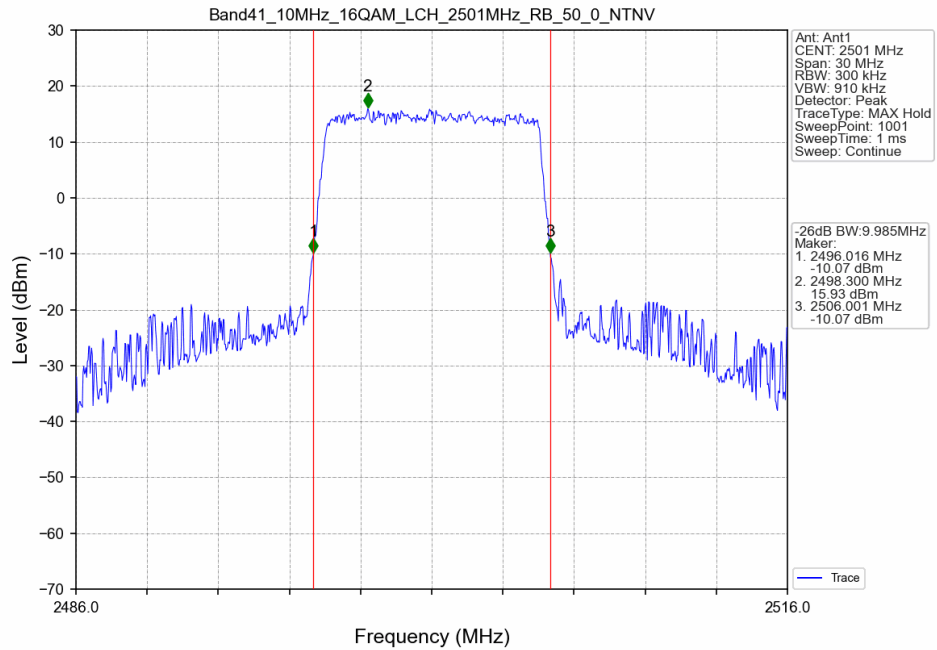
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



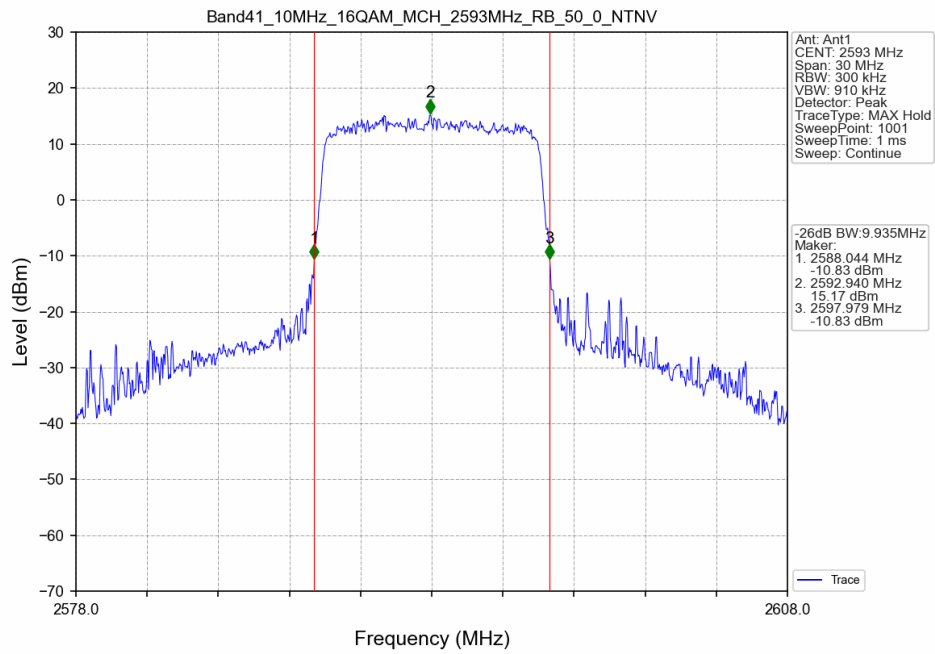
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTV



Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTV

