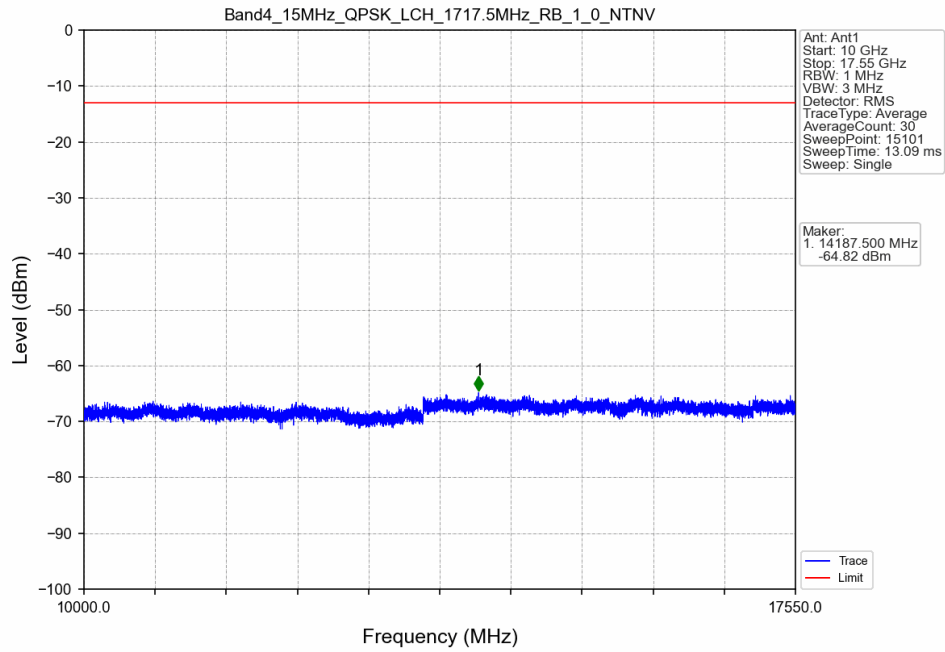
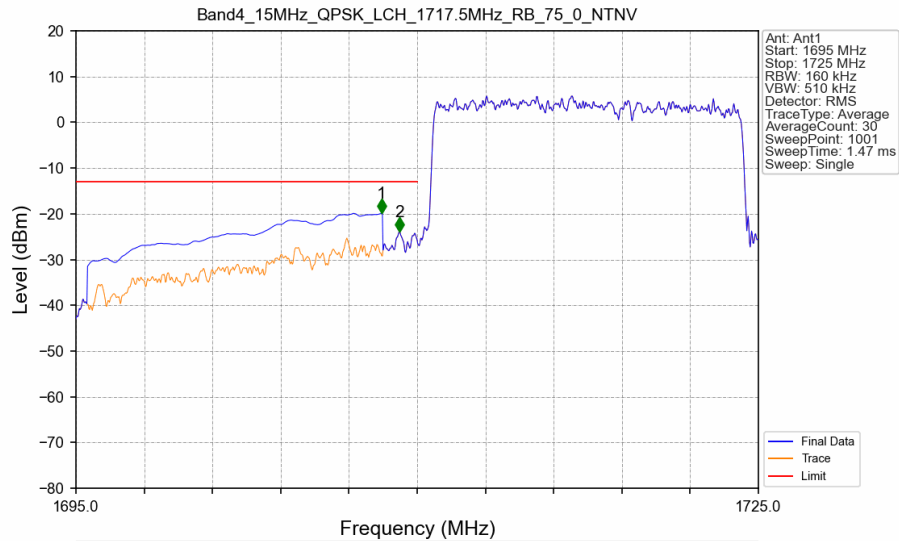


Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTV

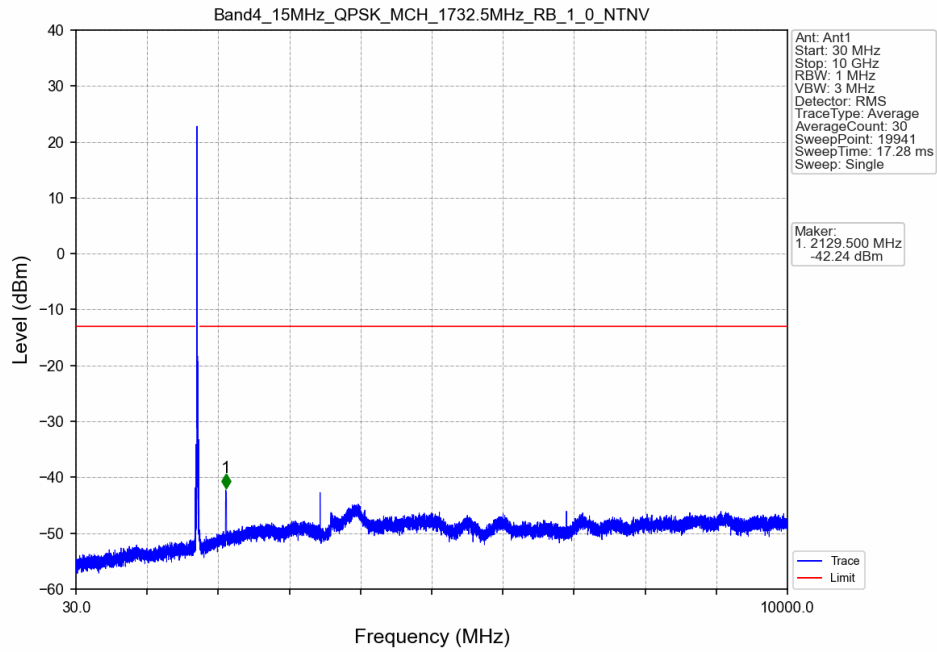


Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV

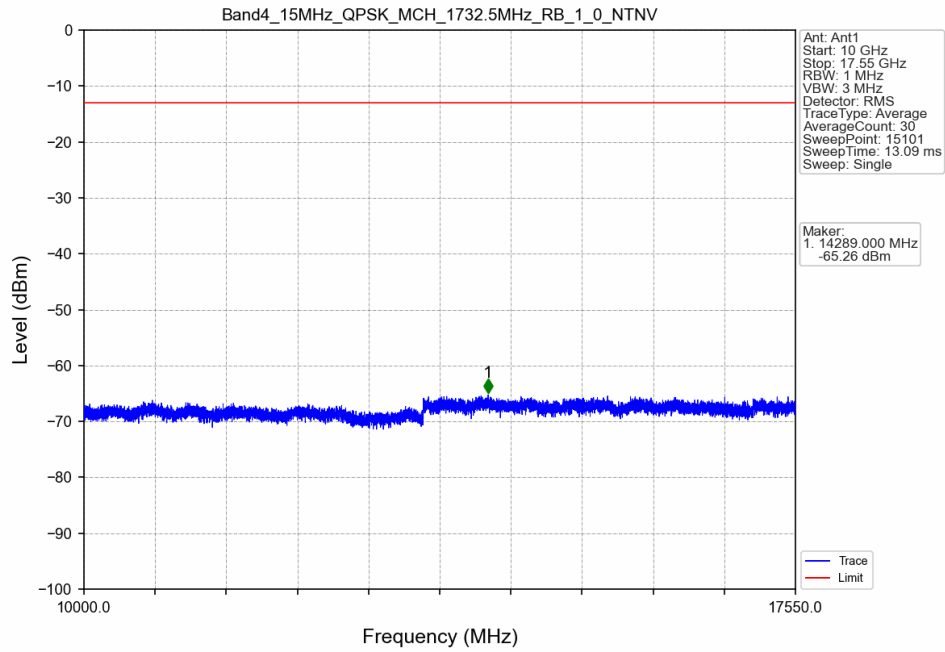


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.440	-19.91	-13	Pass
1709	1710	0.16	/	2	1709.220	-23.88	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

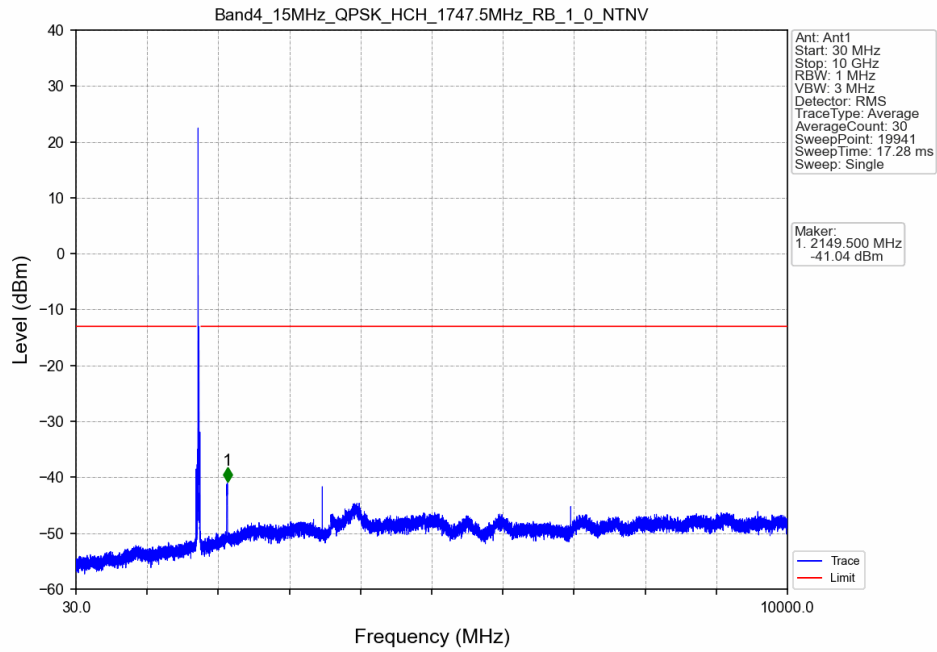
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



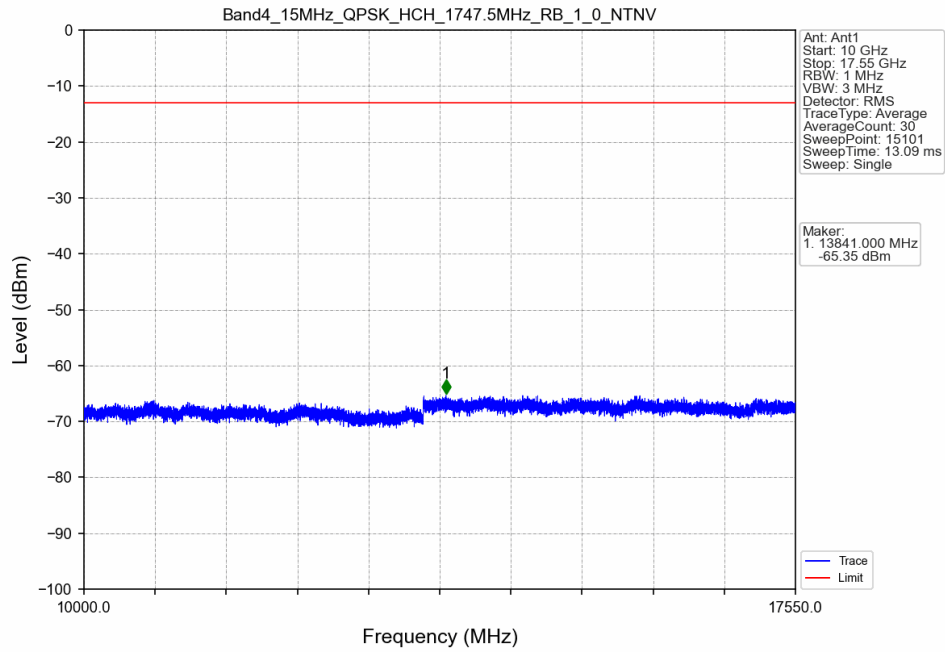
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



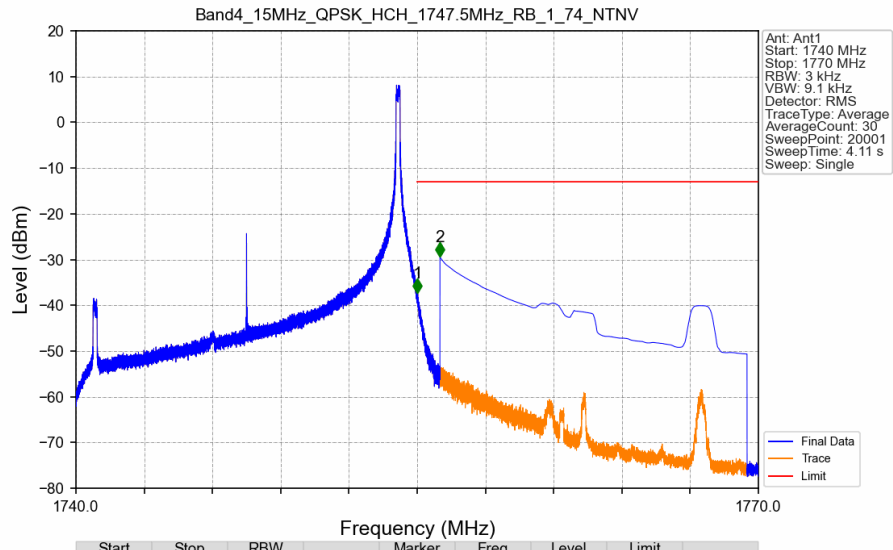
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTNV



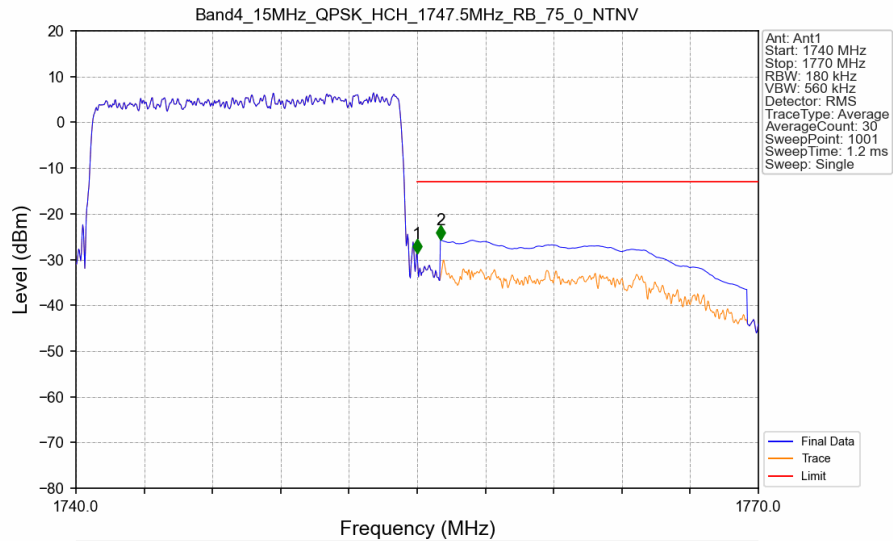
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTNV



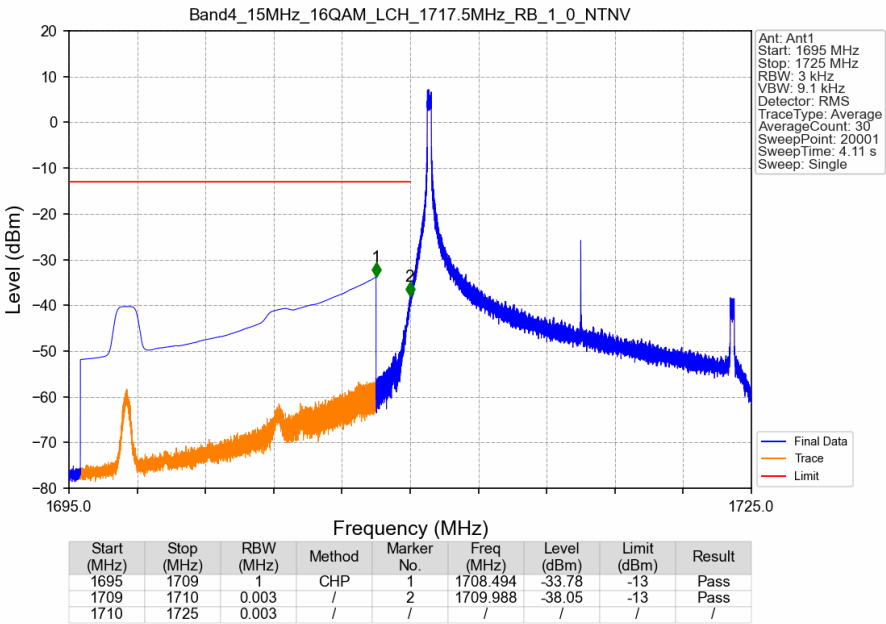
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



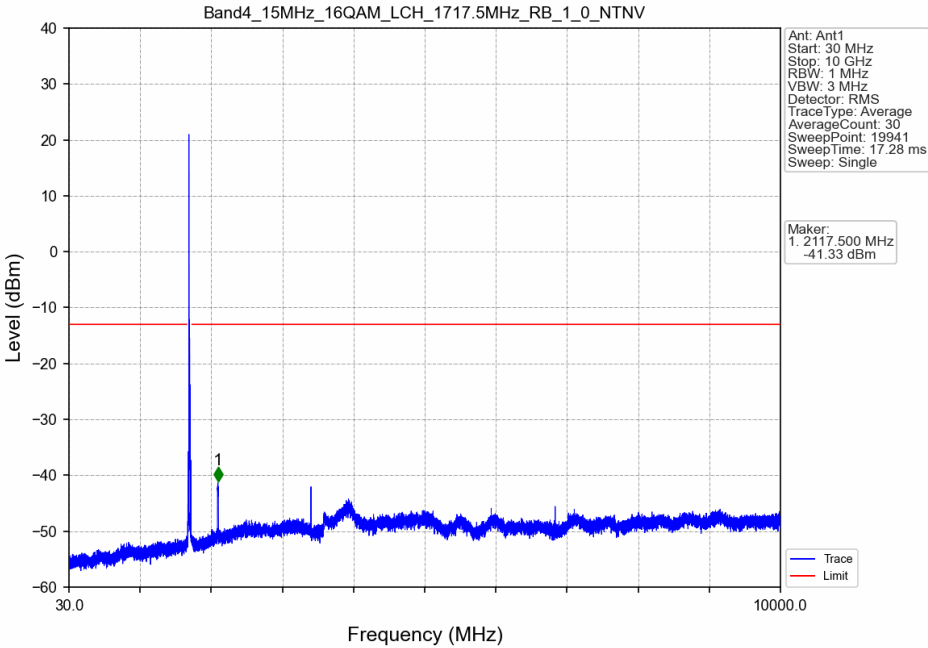
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



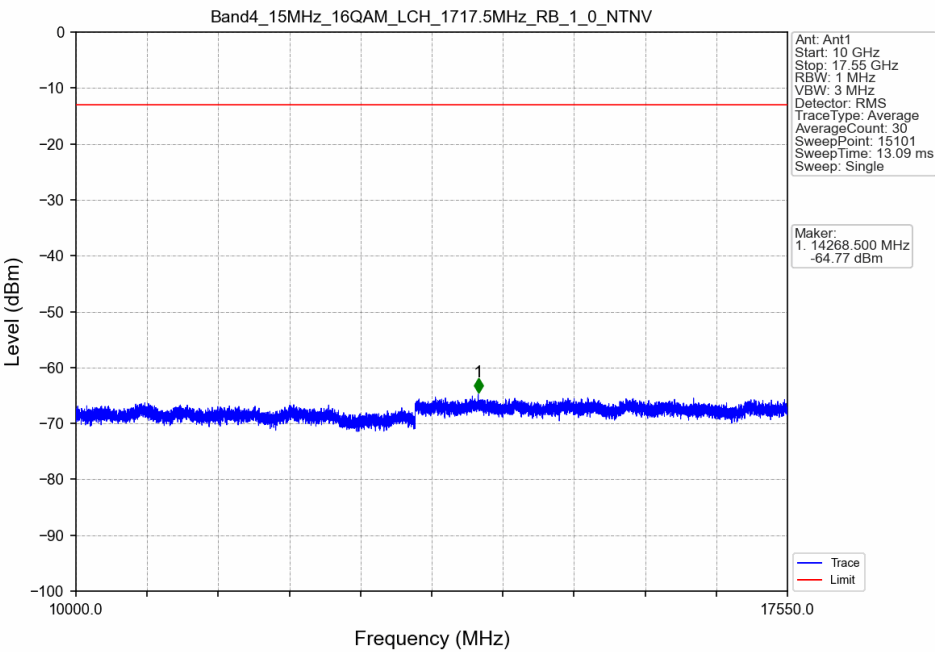
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



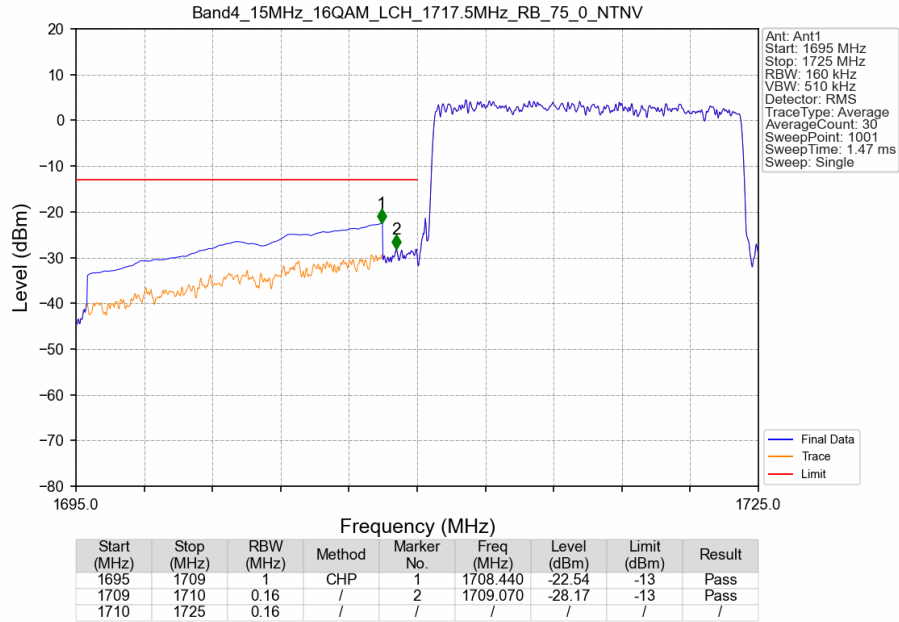
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



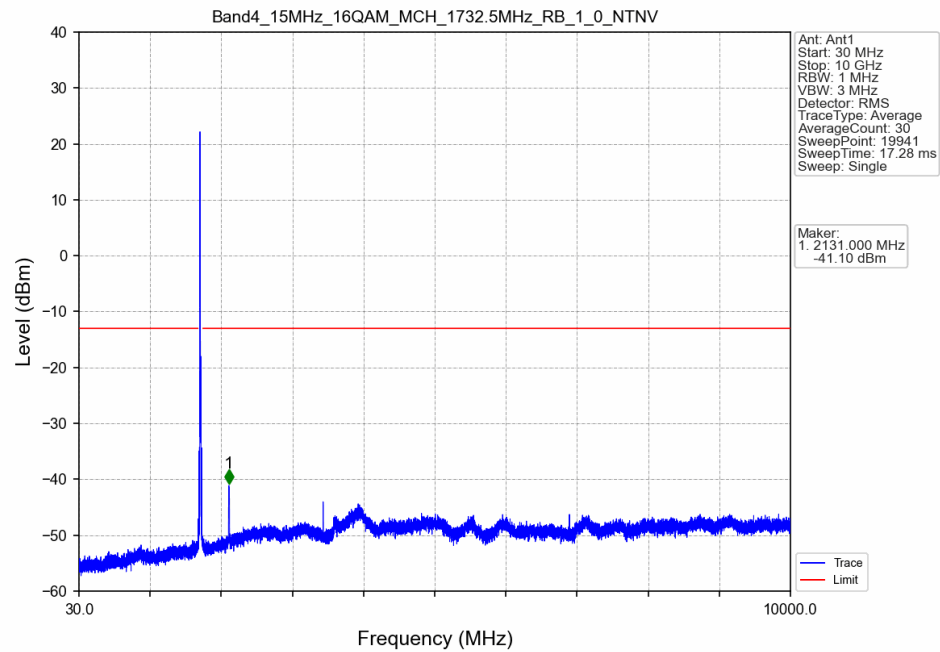
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



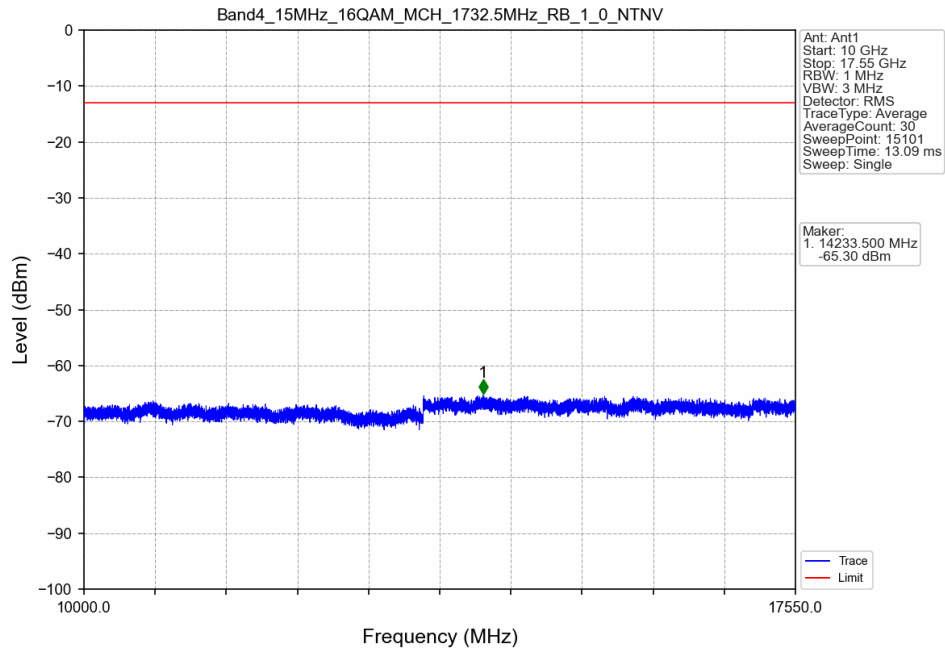
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



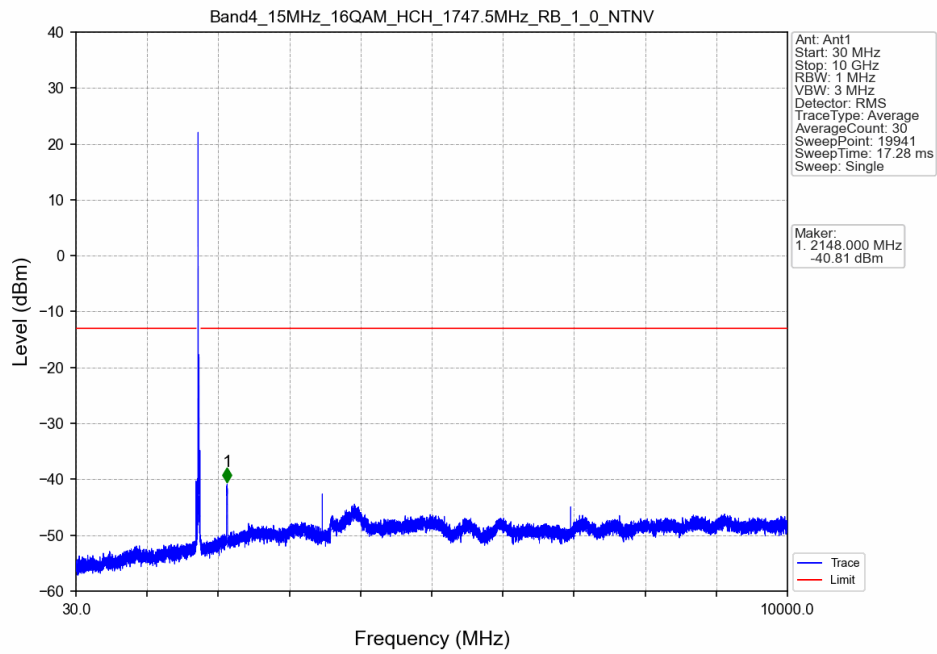
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



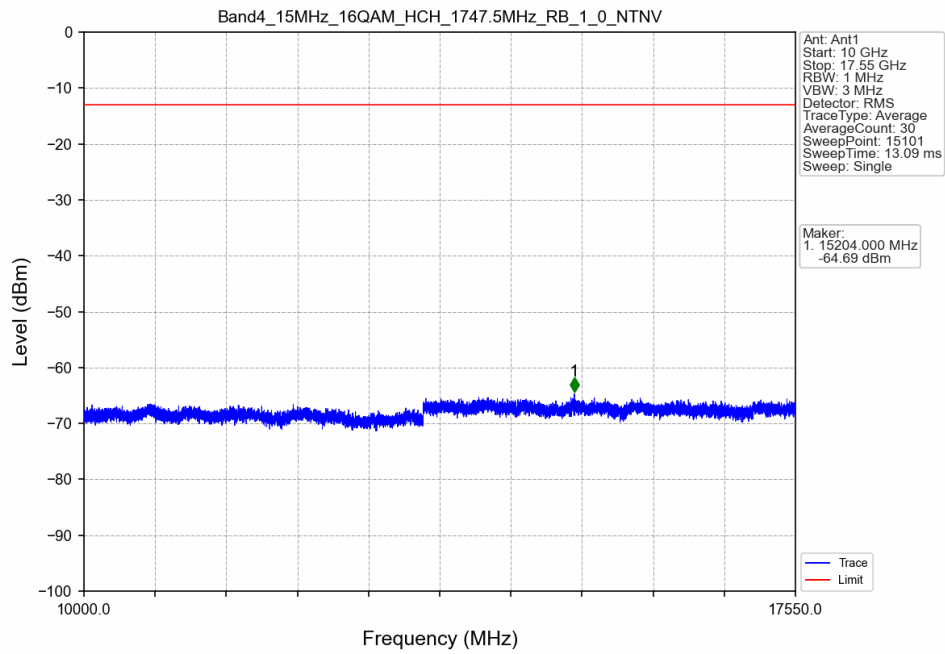
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



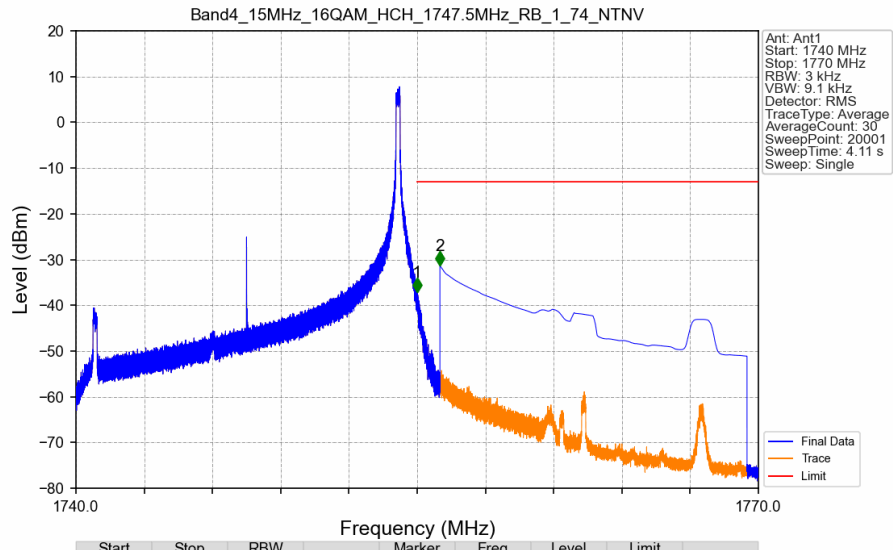
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



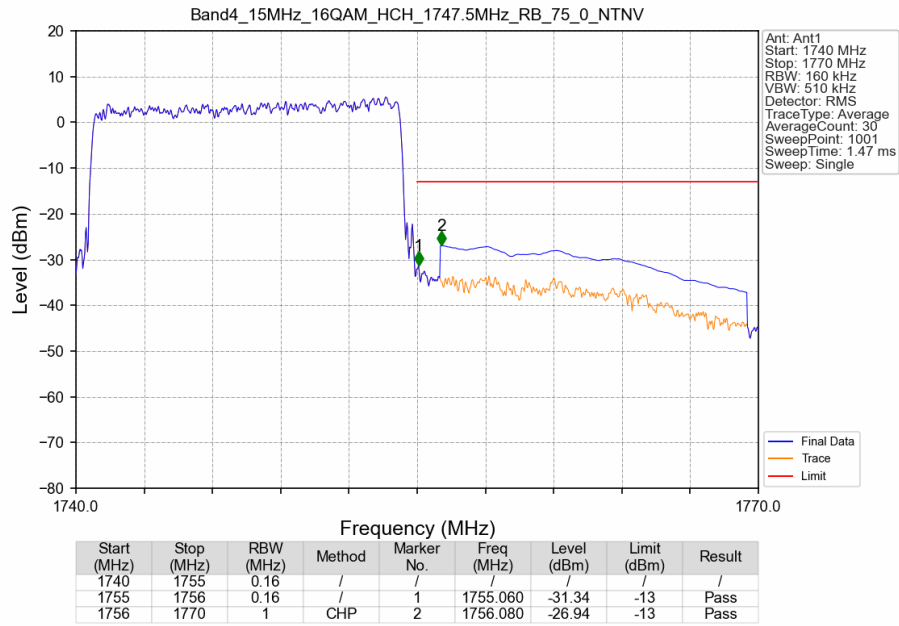
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4 15MHz 16QAM HCH 1747.5MHz RB 1 74 NTN



Band4 15MHz 16QAM HCH 1747.5MHz RB 75_0 NTN

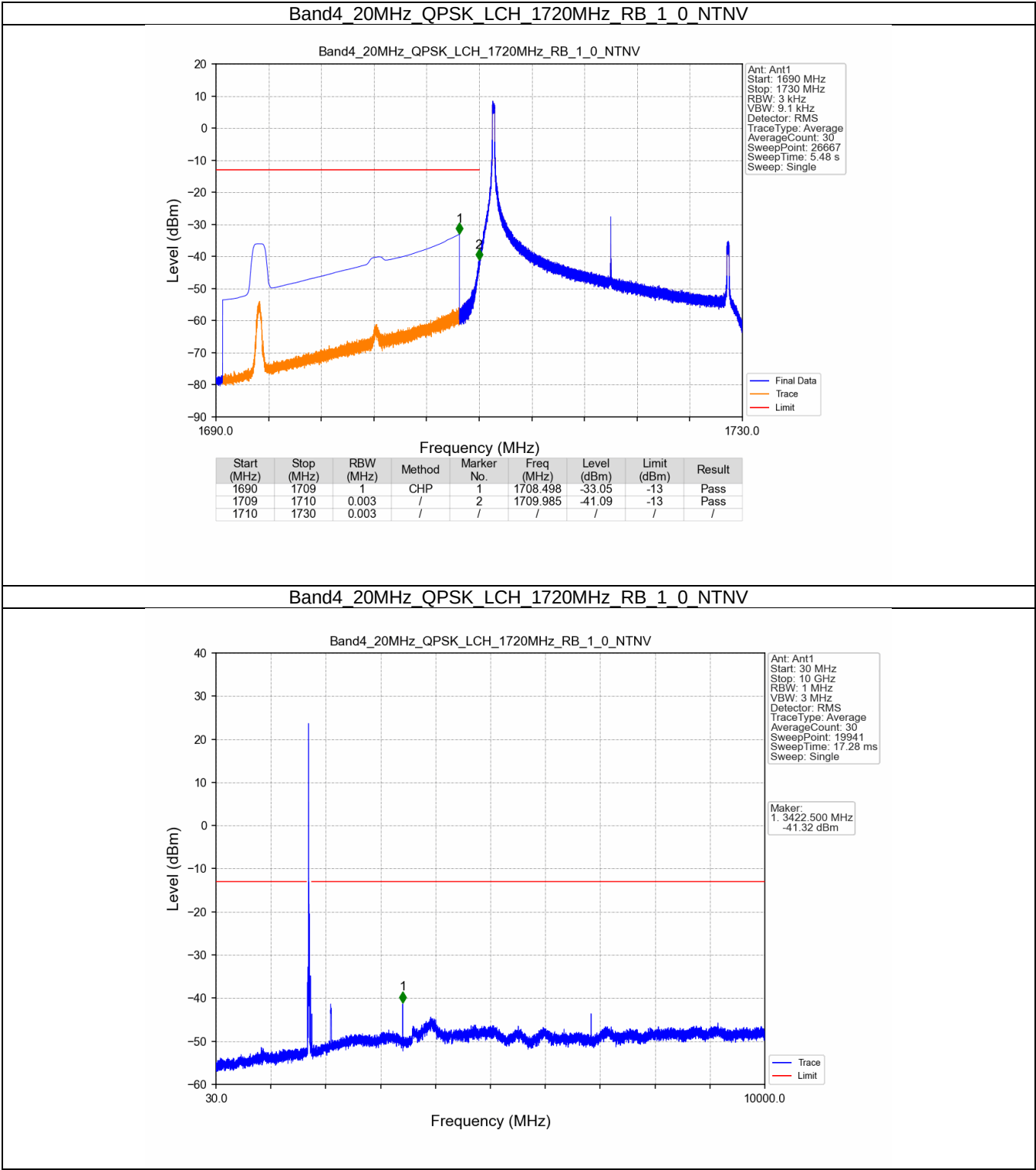


9.6 B4_20MHz

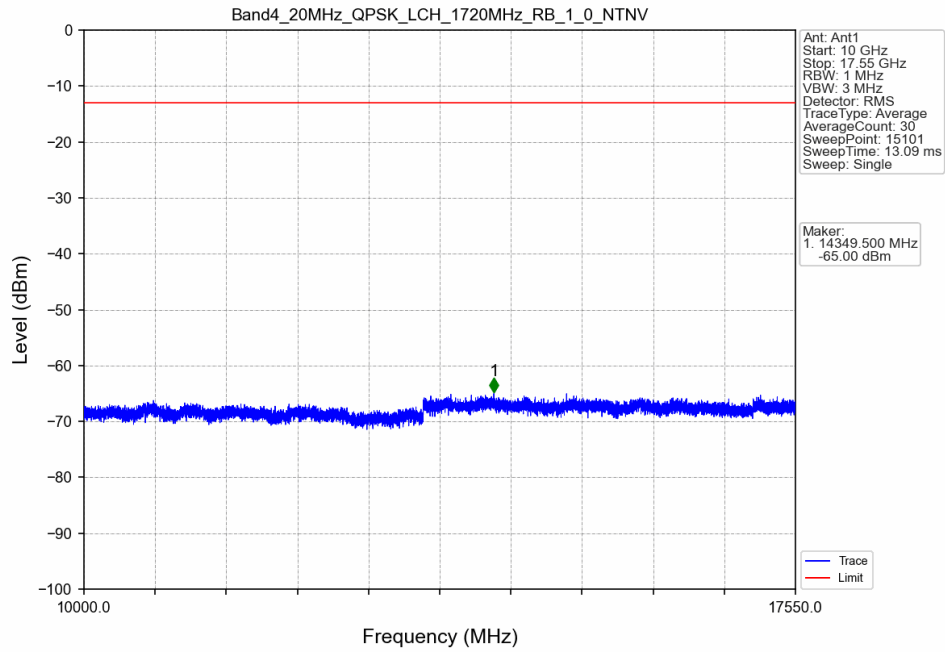
9.6.1 Test Result

Band: 4 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

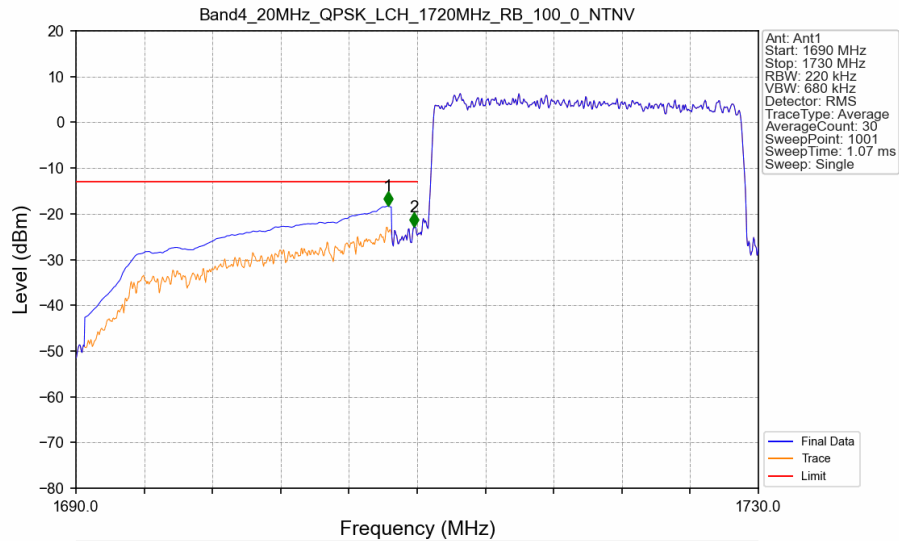
9.6.2 Test Graph



Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN

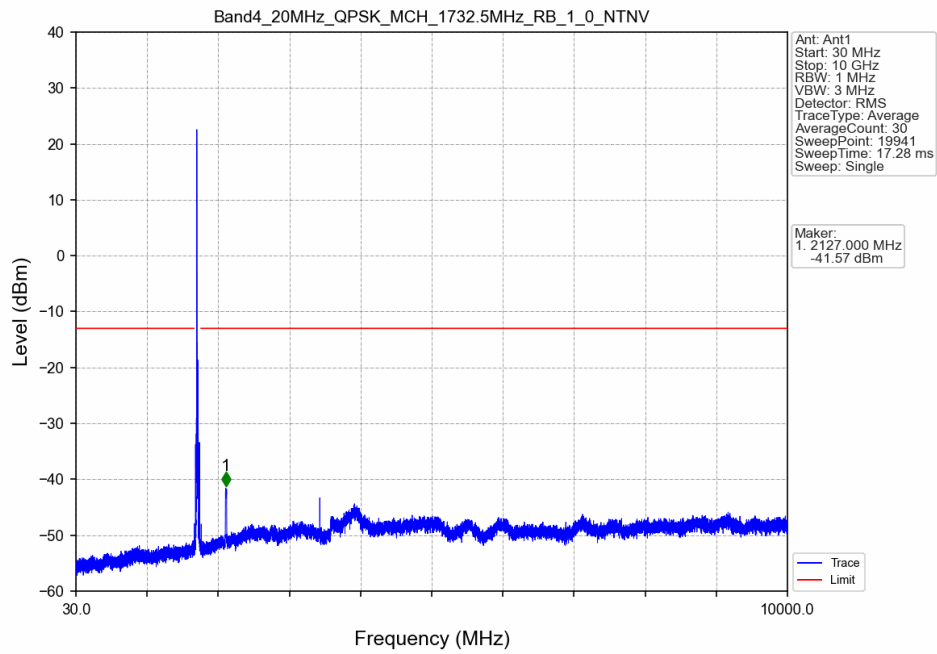


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

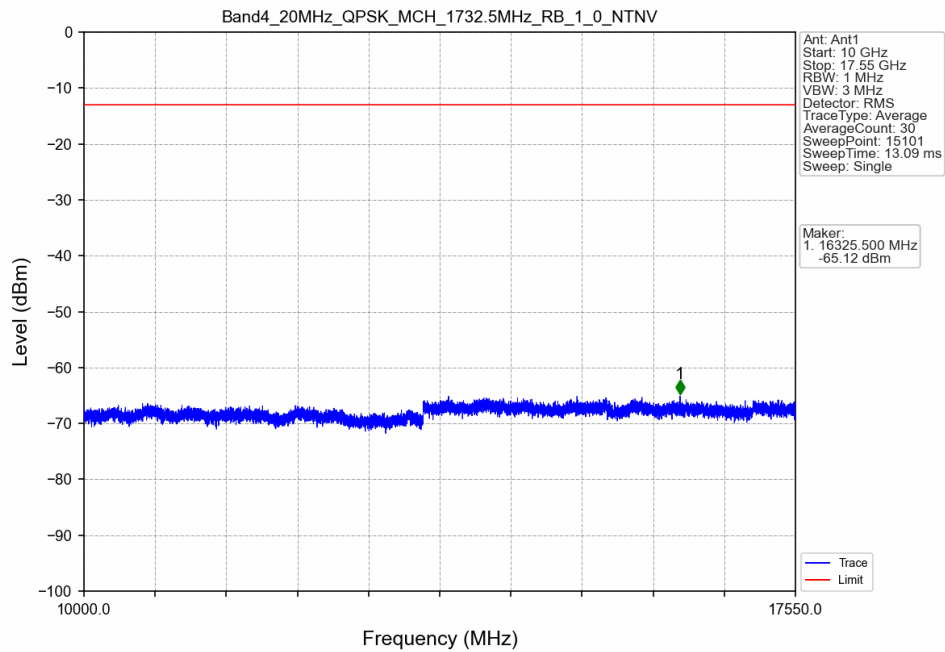


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.280	-18.32	-13	Pass
1709	1710	0.22	/	2	1709.800	-22.85	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

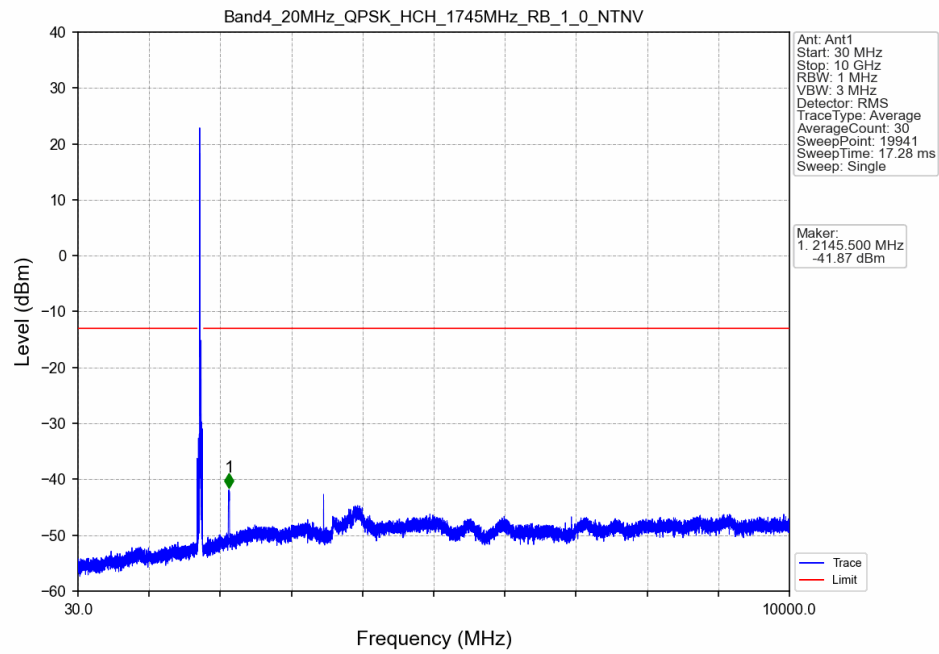
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



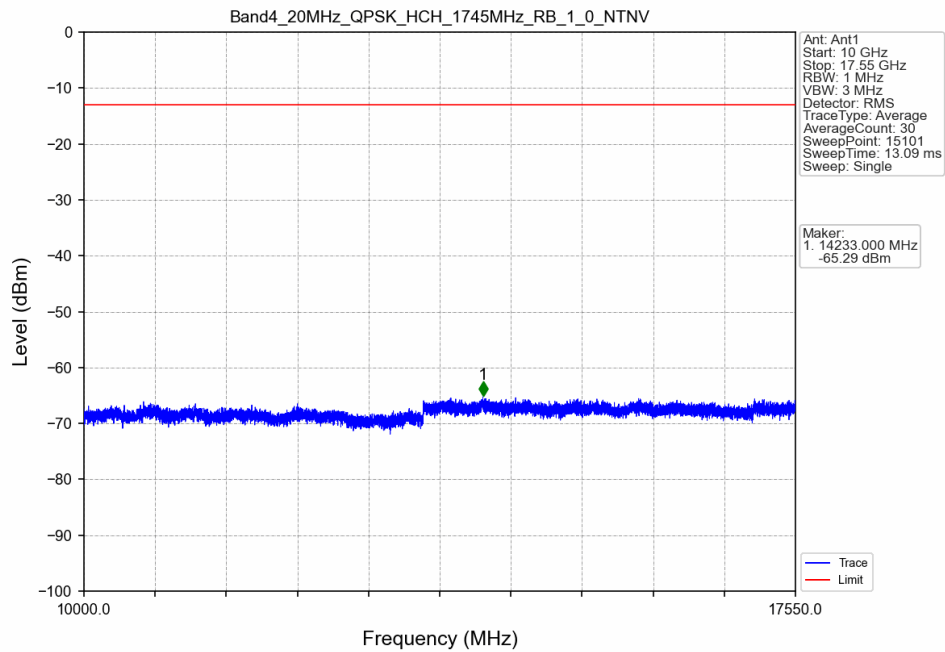
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



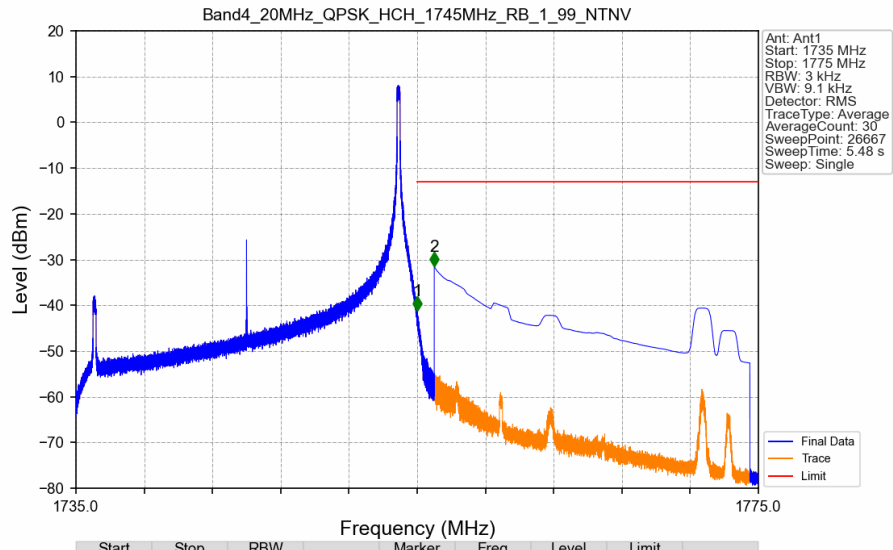
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN



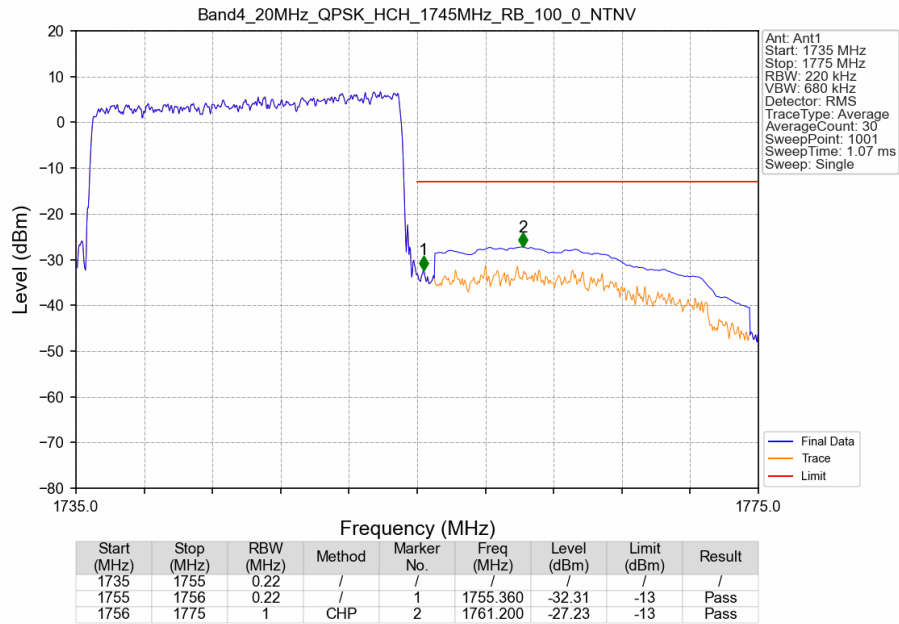
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN



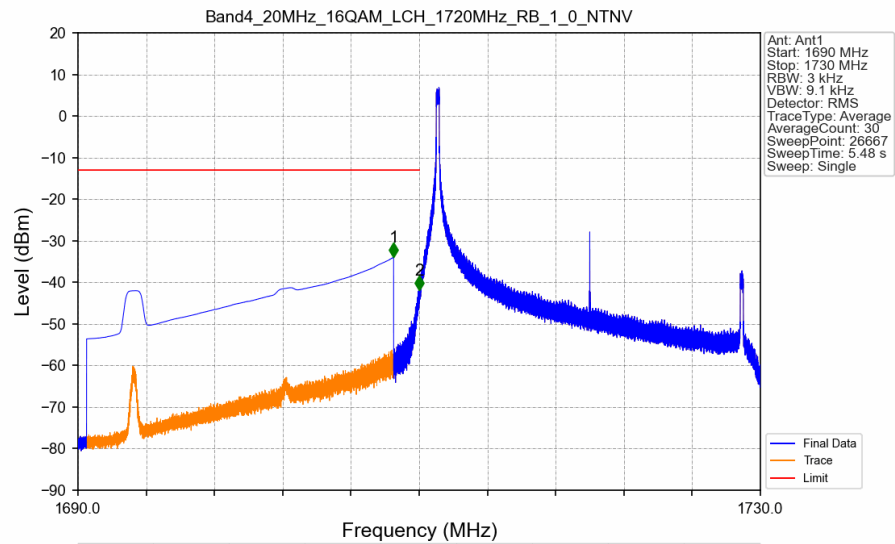
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



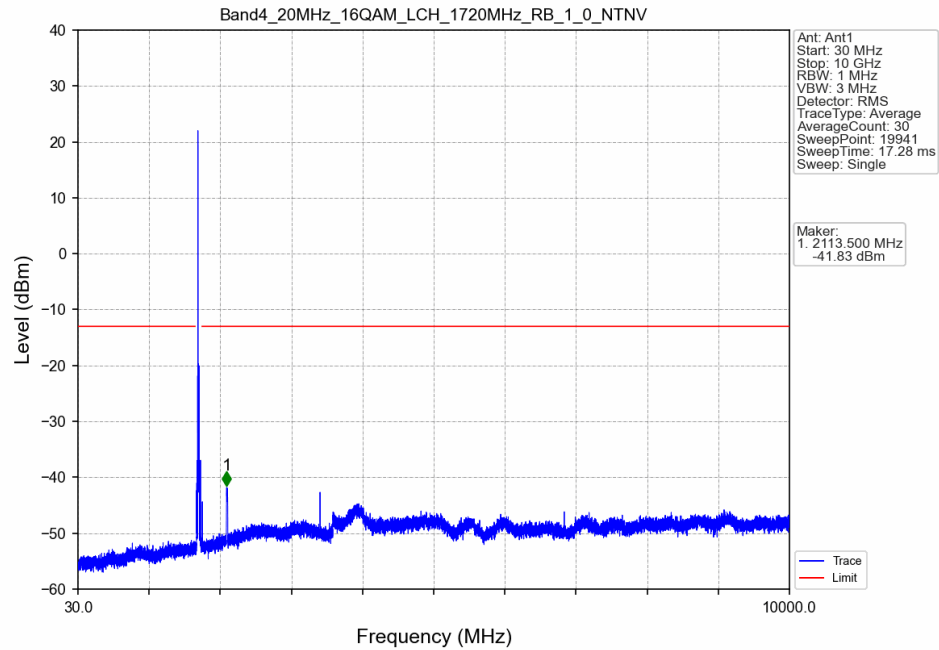
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



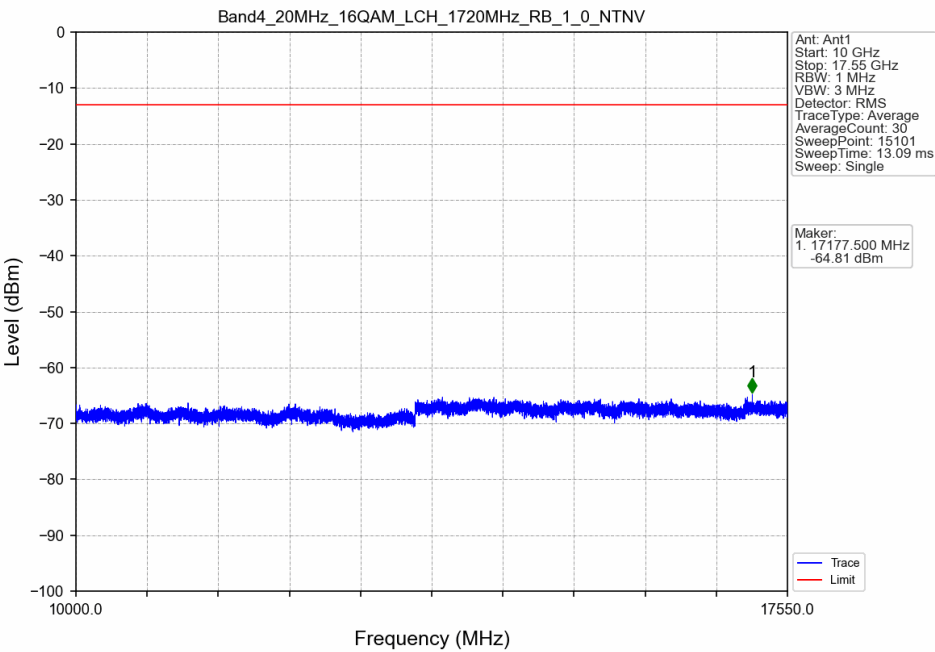
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



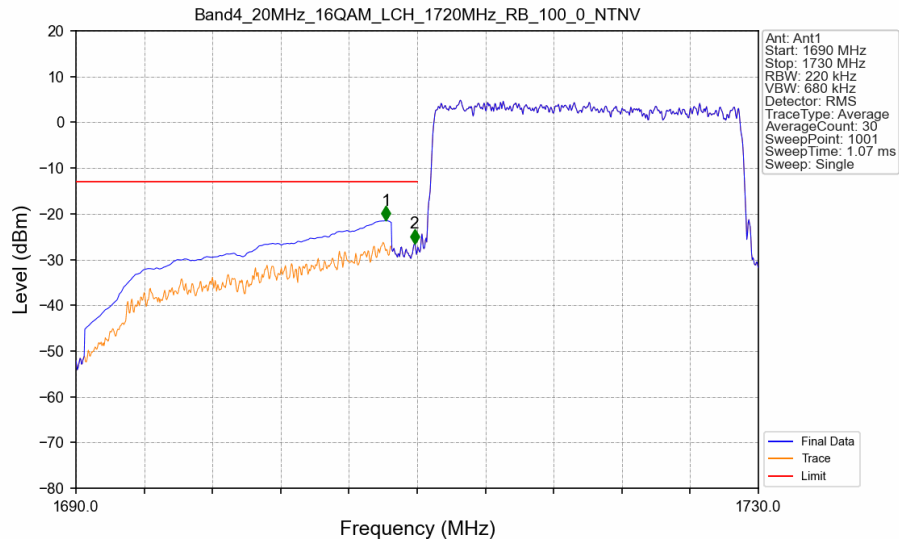
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV

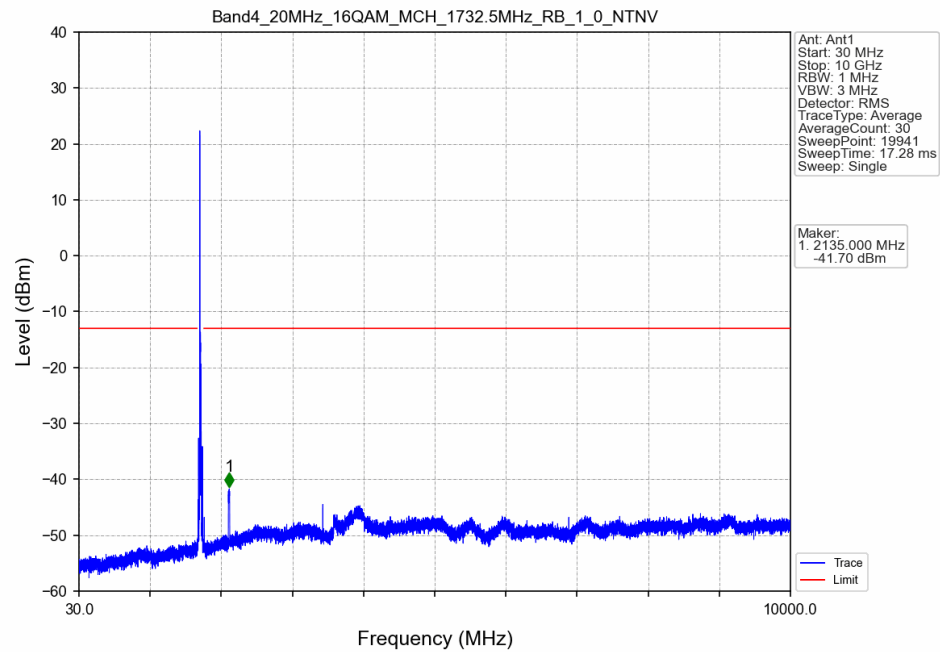


Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV

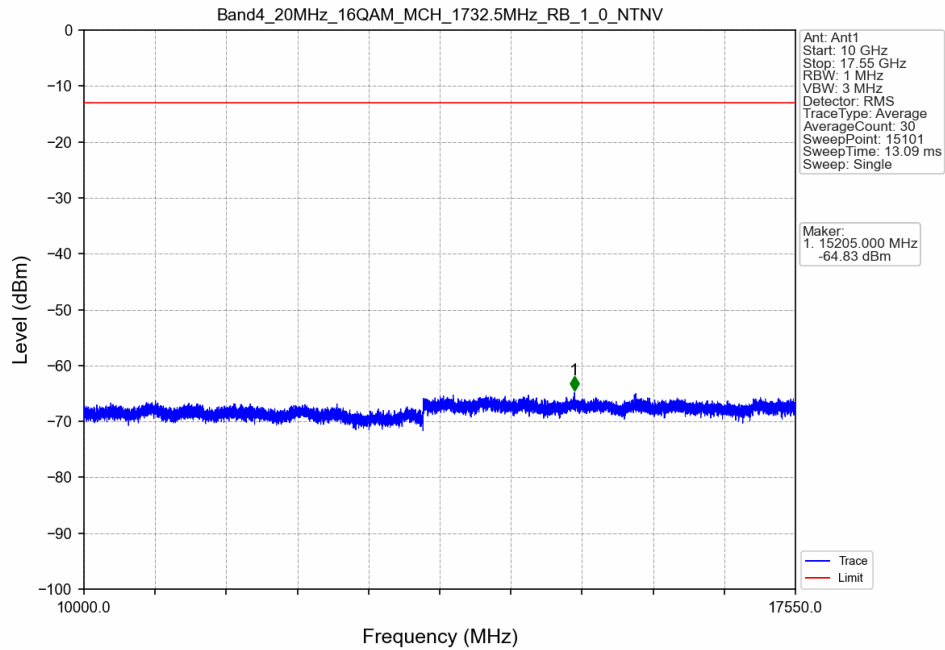


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.160	-21.46	-13	Pass
1709	1710	0.22	/	2	1709.840	-26.49	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

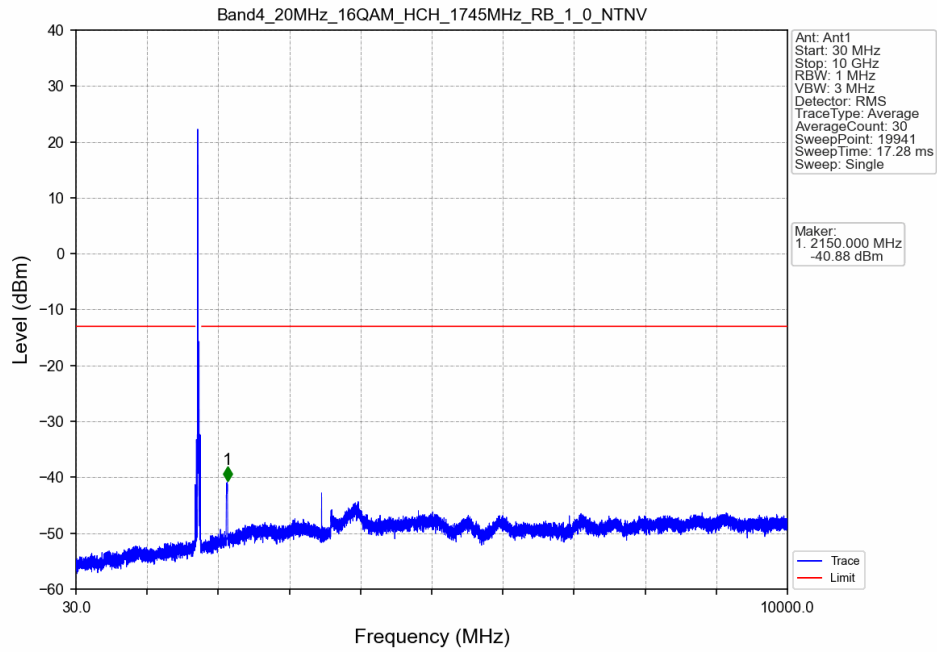
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



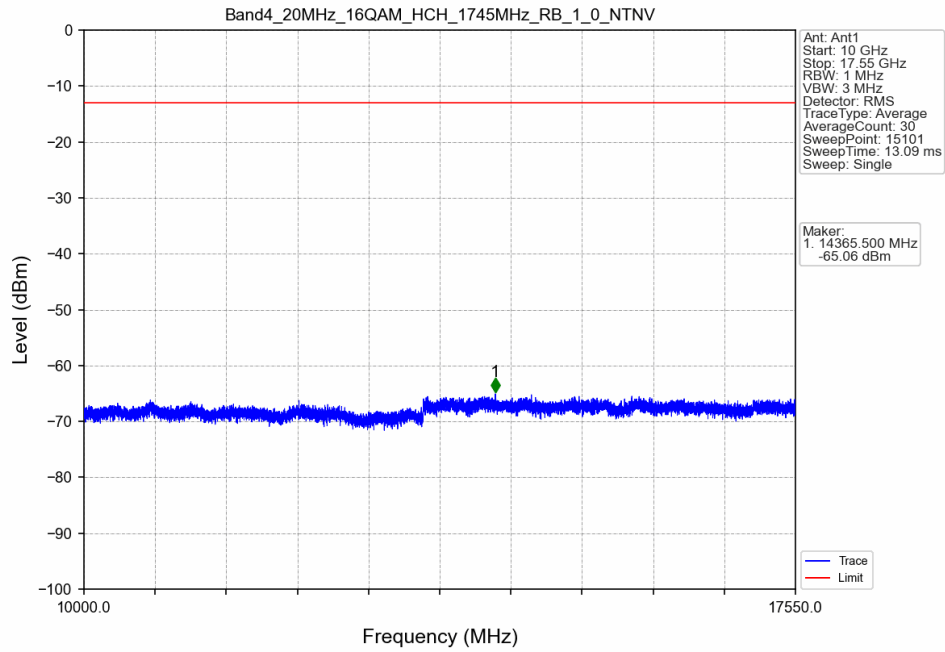
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



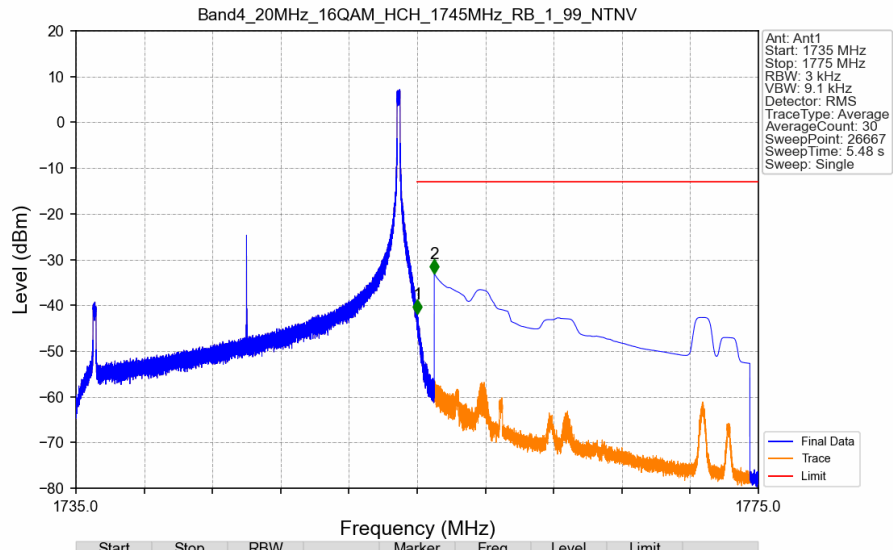
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTV



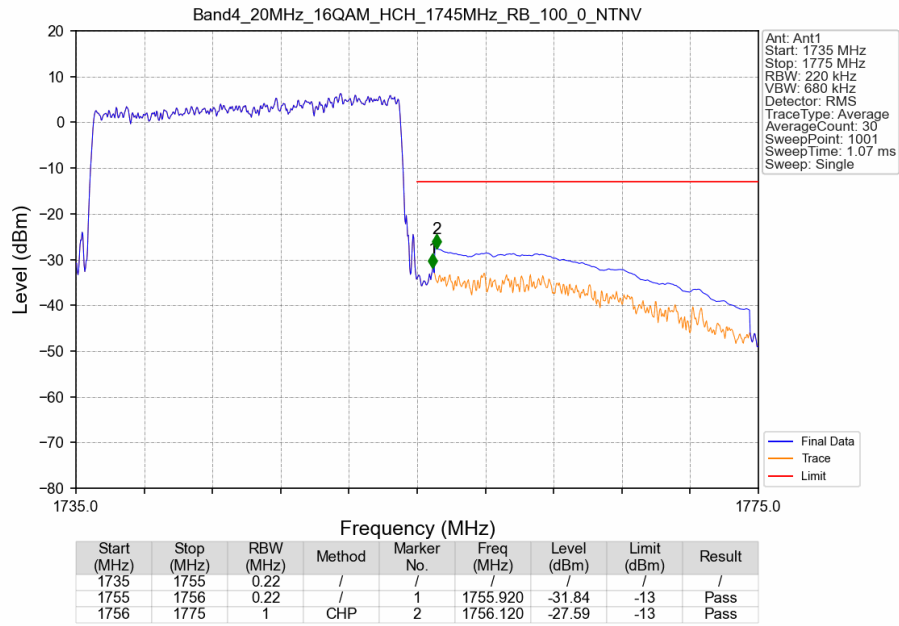
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTV



Band4 20MHz 16QAM HCH 1745MHz RB 1 99 NTNV



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



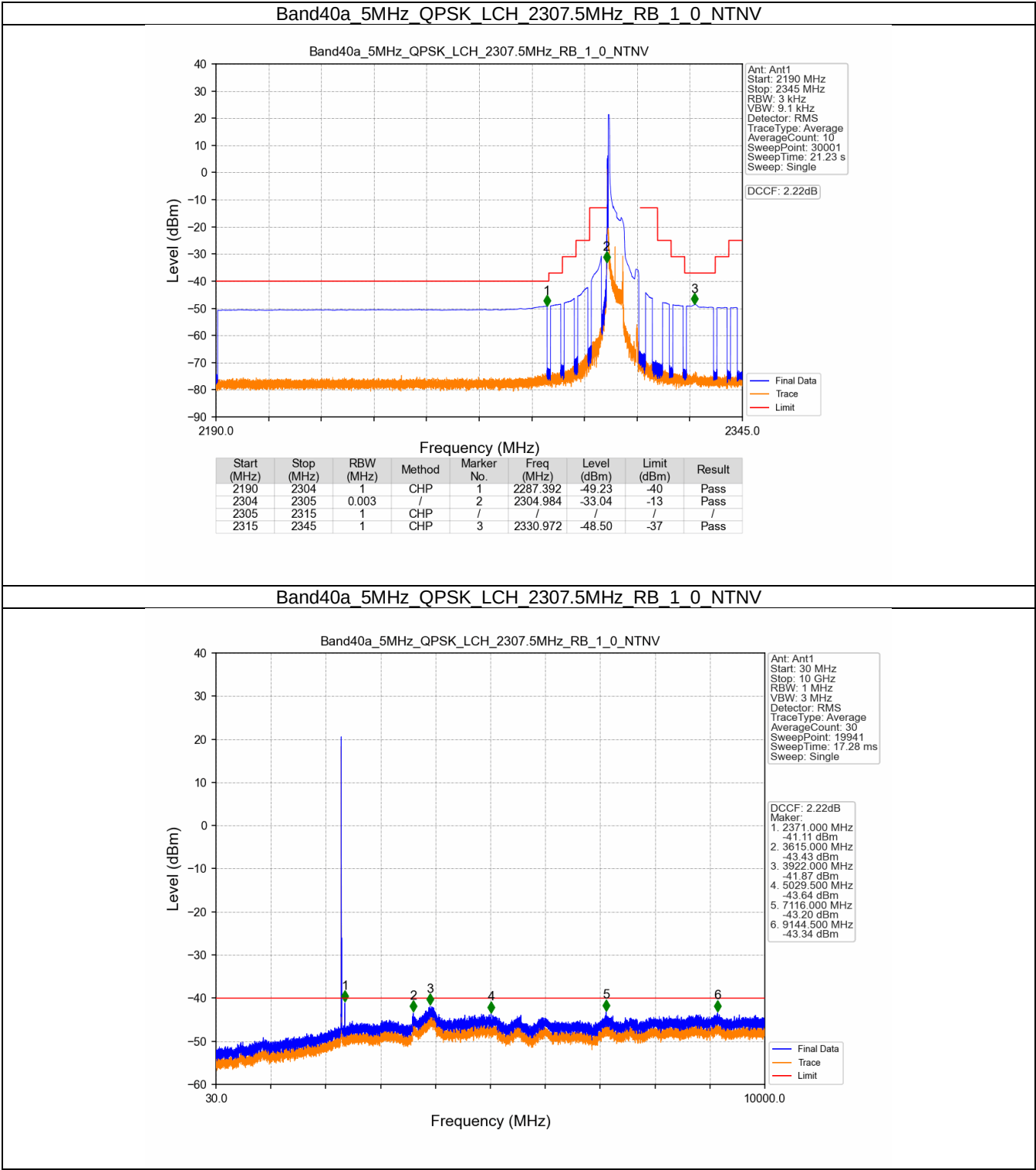
10. Spurious Emission

10.1 B40a_5MHz

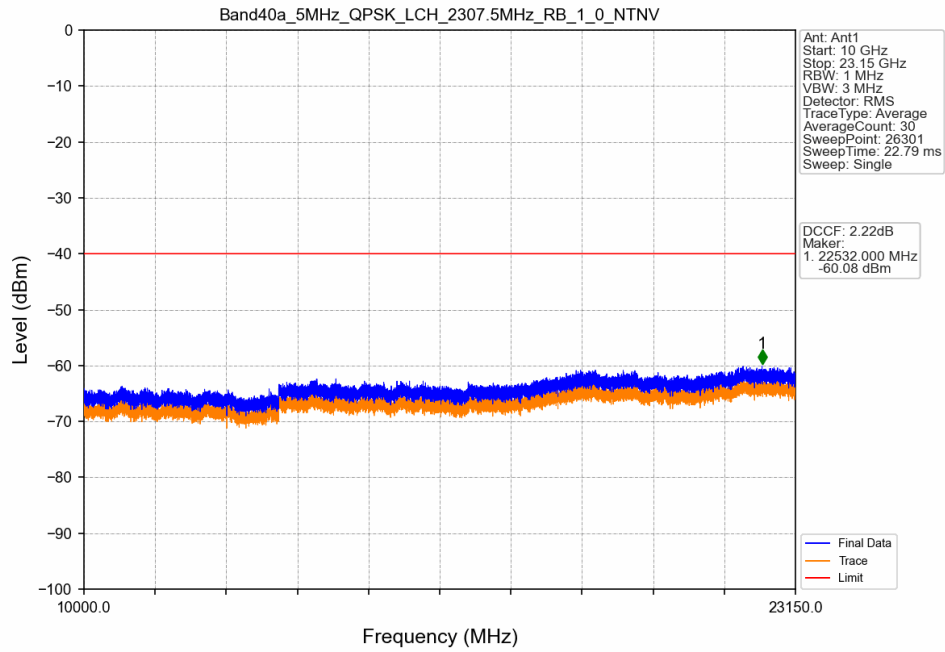
10.1.1 Test Result

Band: 40a / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2307.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2310	1	0	Refer To Test Graph	Pass
	2312.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
16QAM	2307.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2310	1	0	Refer To Test Graph	Pass
	2312.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

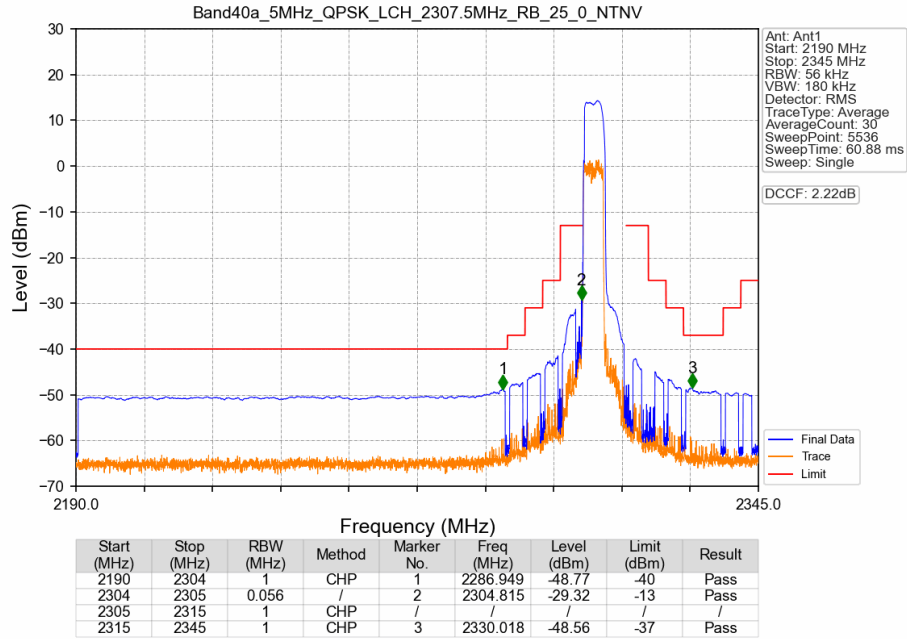
10.1.2 Test Graph



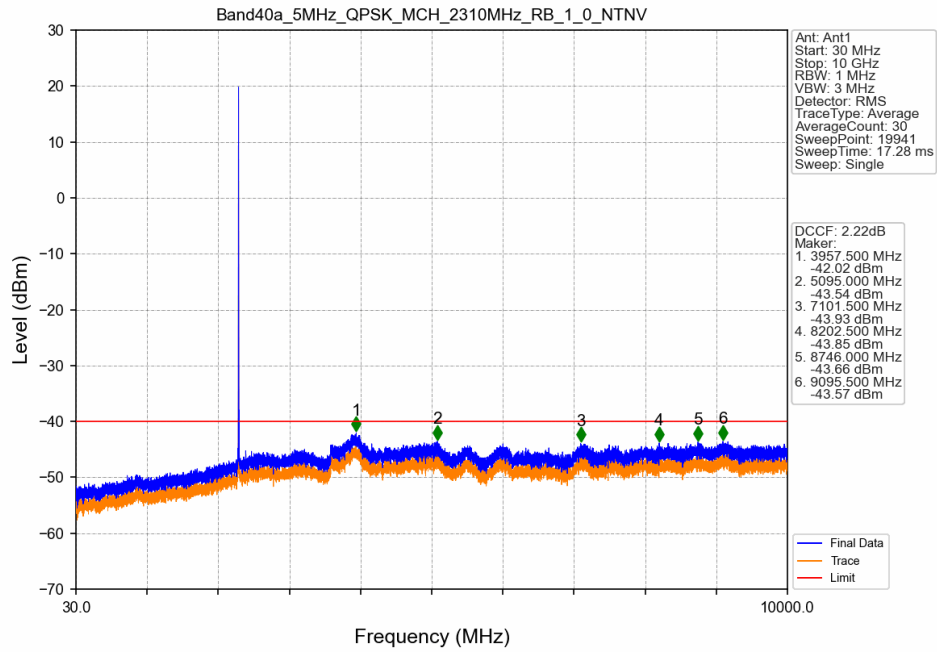
Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV



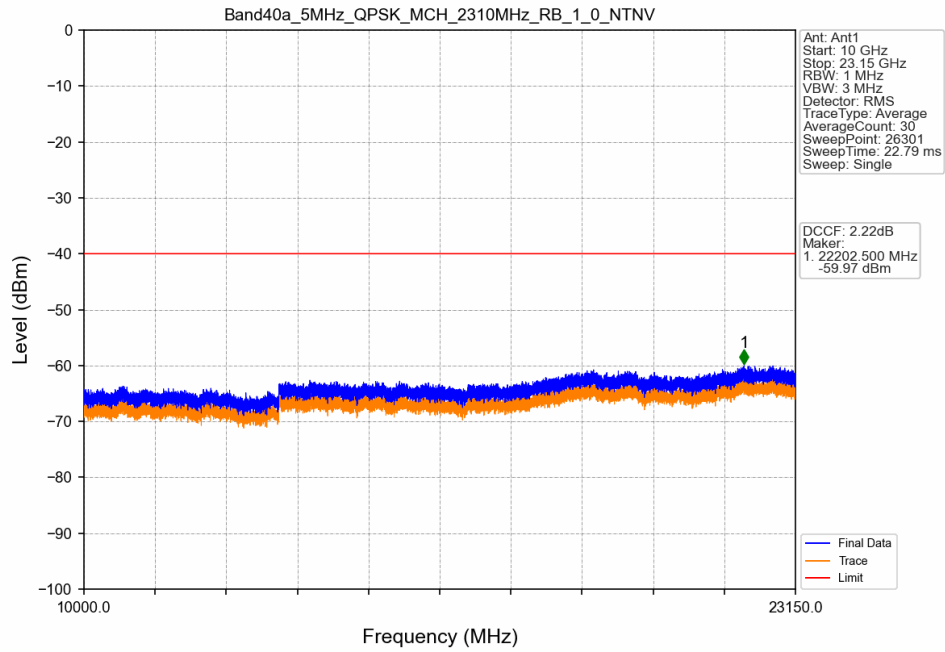
Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV



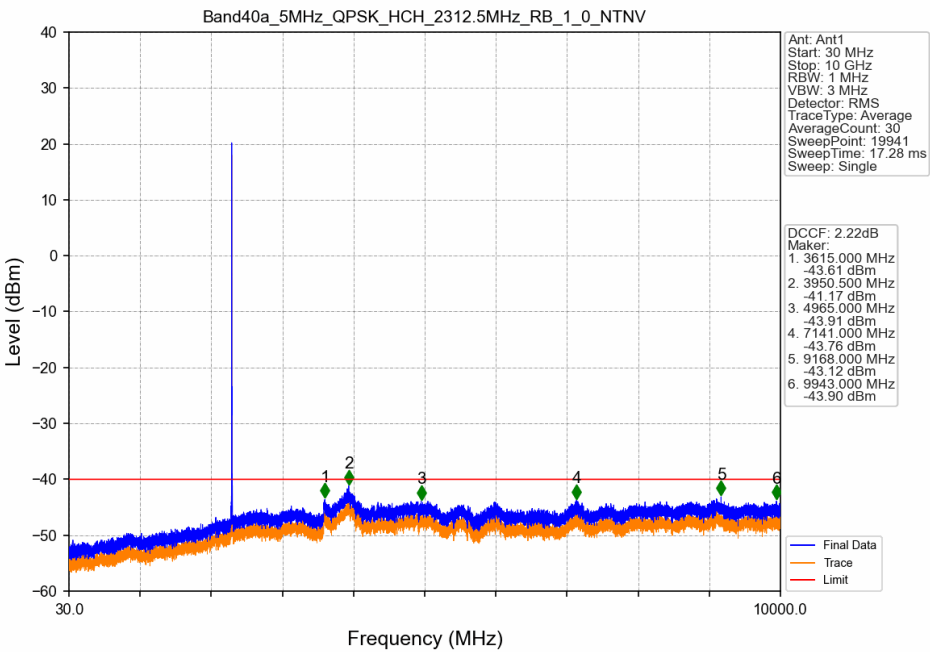
Band40a 5MHz QPSK MCH 2310MHz RB 1 0 NTV



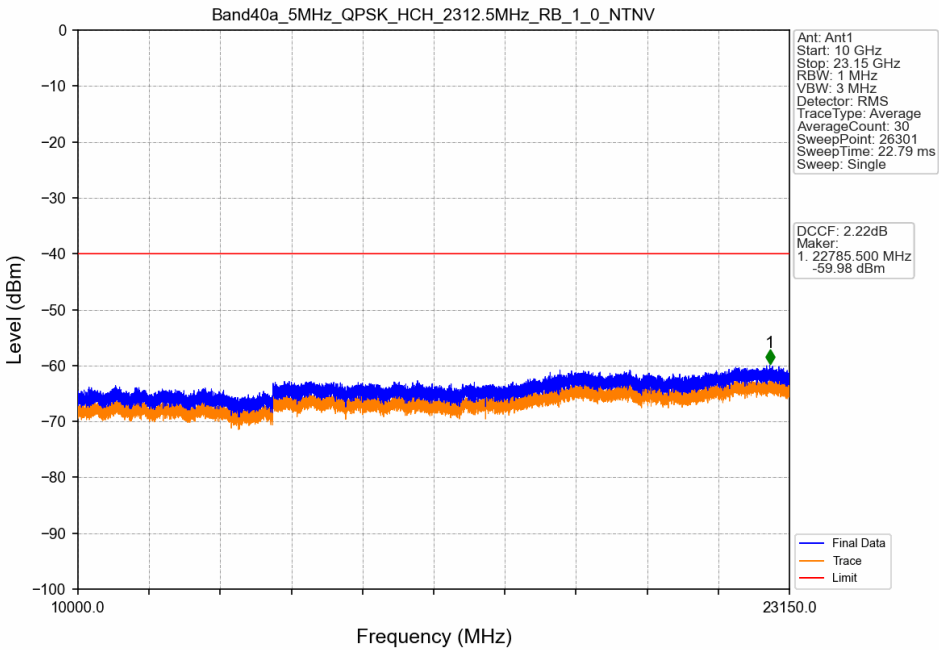
Band40a 5MHz QPSK MCH 2310MHz RB 1 0 NTV



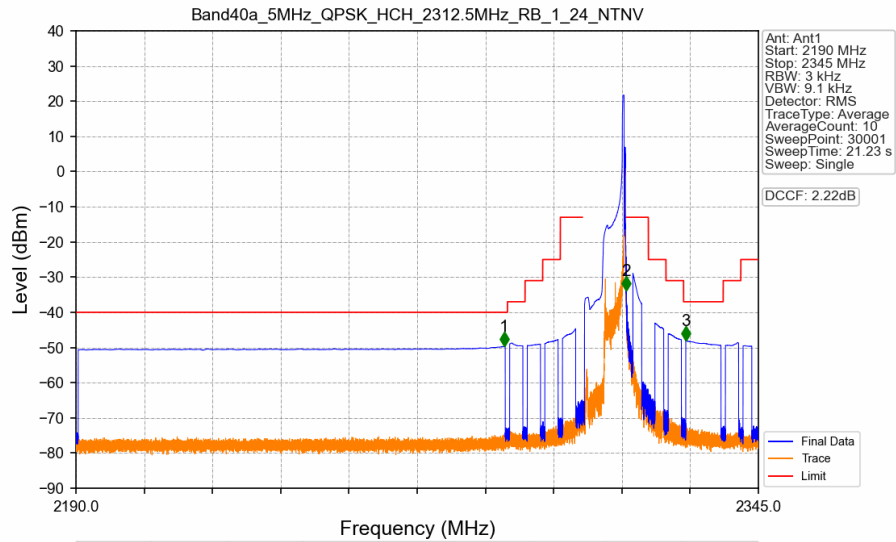
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV



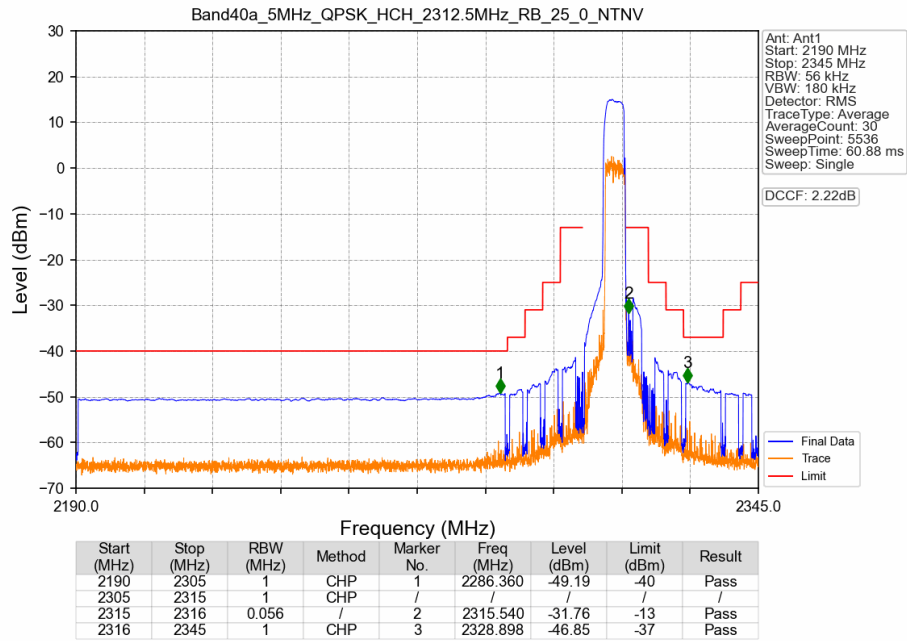
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV



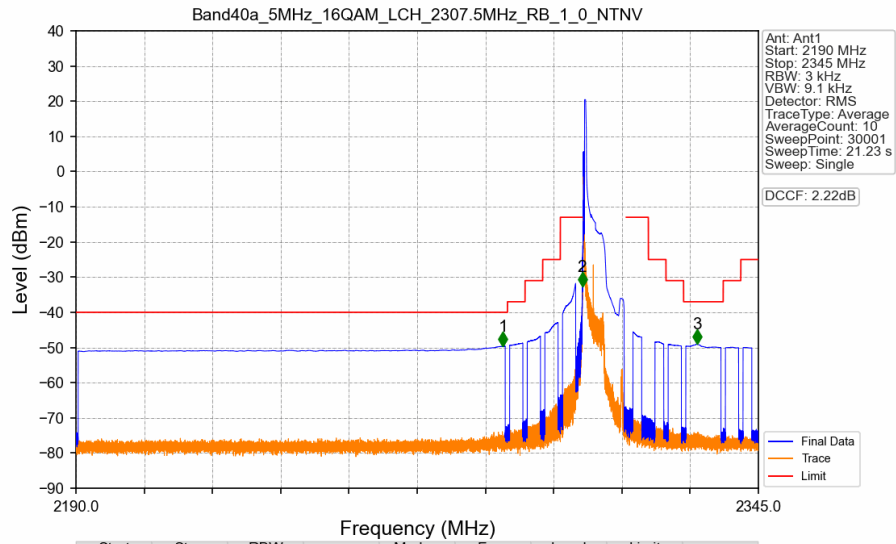
Band40a 5MHz QPSK HCH 2312.5MHz RB 1 24 NTN



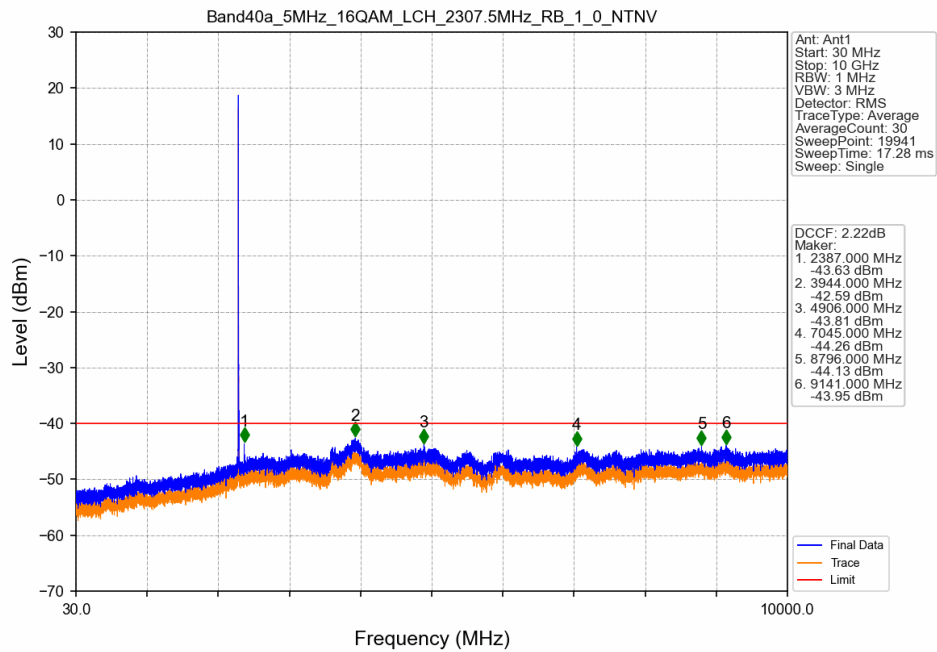
Band40a 5MHz QPSK HCH 2312.5MHz RB 25_0 NTN



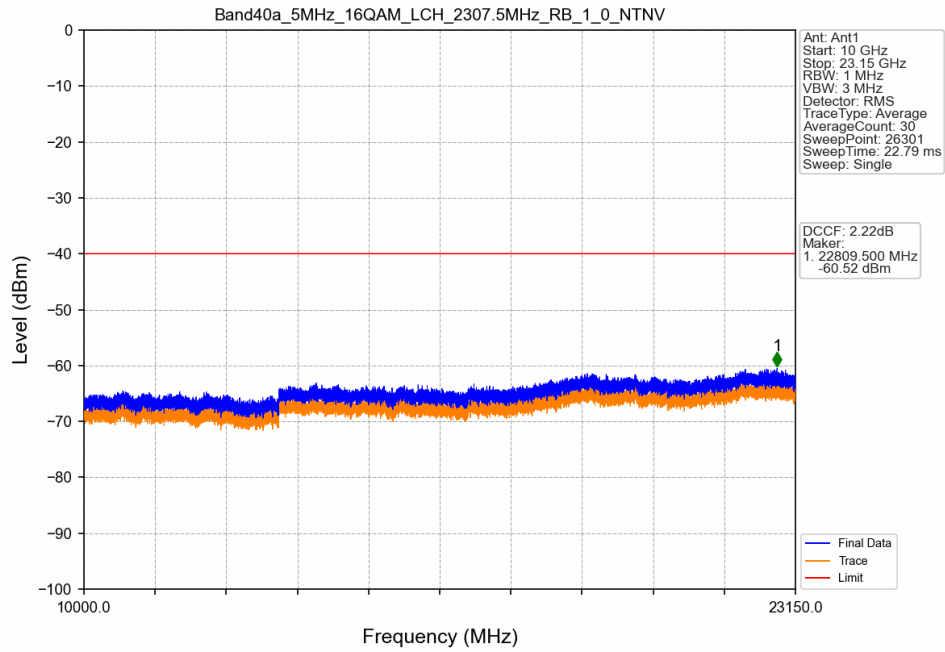
Band40a 5MHz 16QAM LCH 2307.5MHz RB 1 0 NTNV



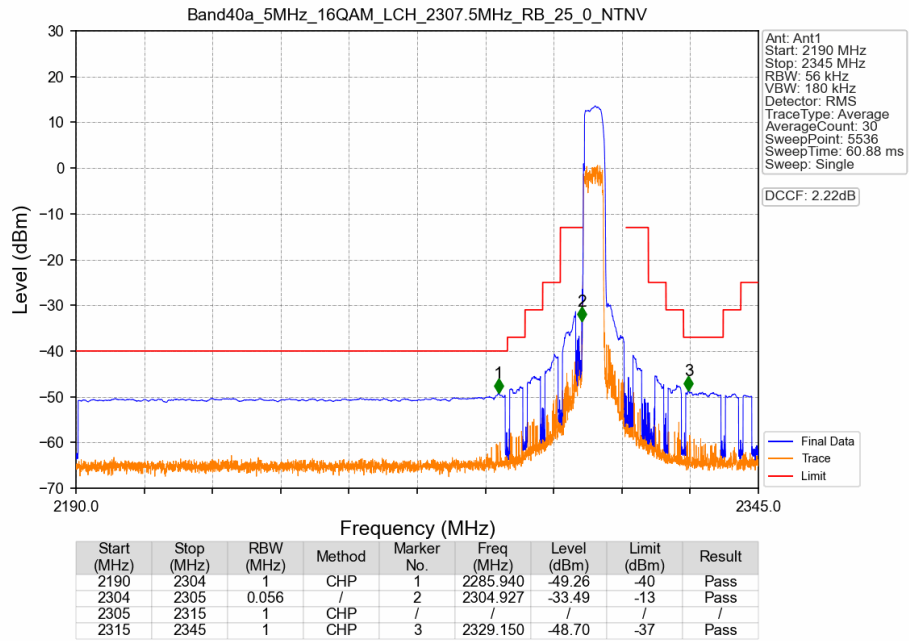
Band40a 5MHz 16QAM LCH 2307.5MHz RB 1 0 NTNV



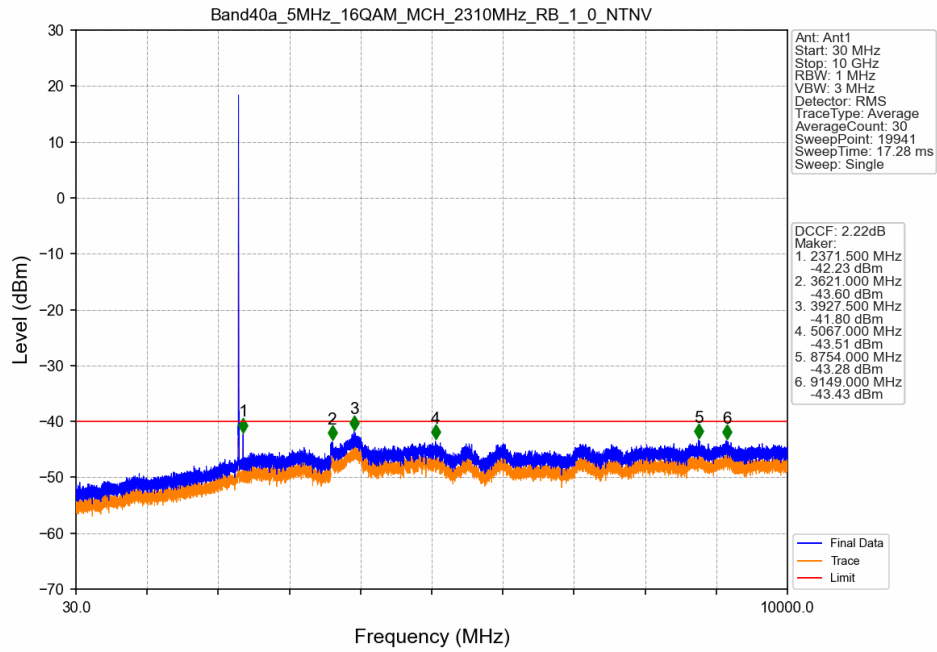
Band40a 5MHz 16QAM LCH 2307.5MHz RB 1 0 NTNV



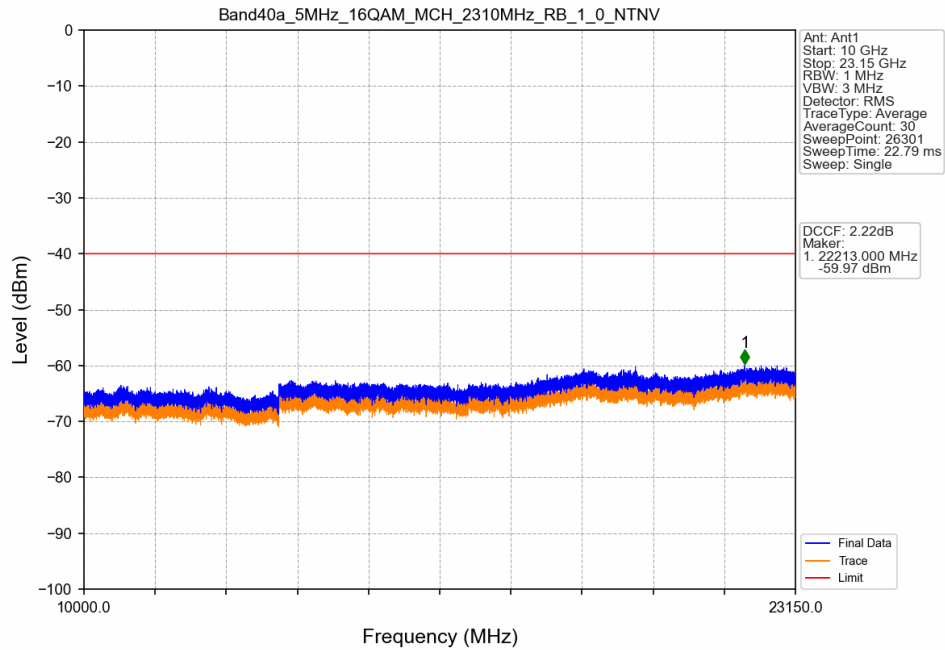
Band40a 5MHz 16QAM LCH 2307.5MHz RB 25 0 NTNV



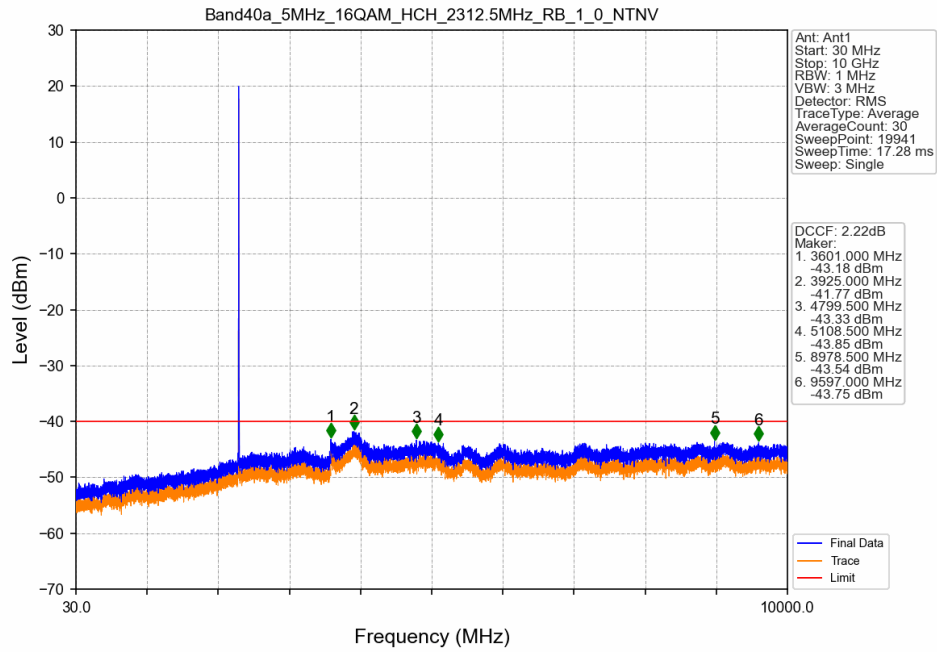
Band40a 5MHz 16QAM MCH 2310MHz RB 1 0 NTNV



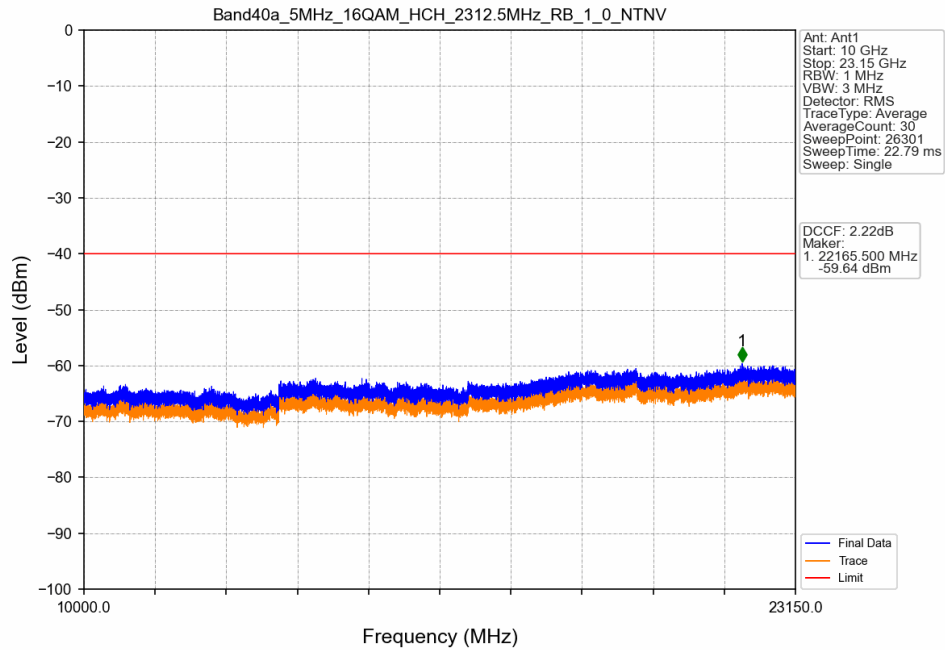
Band40a 5MHz 16QAM MCH 2310MHz_RB_1_0 NTNV



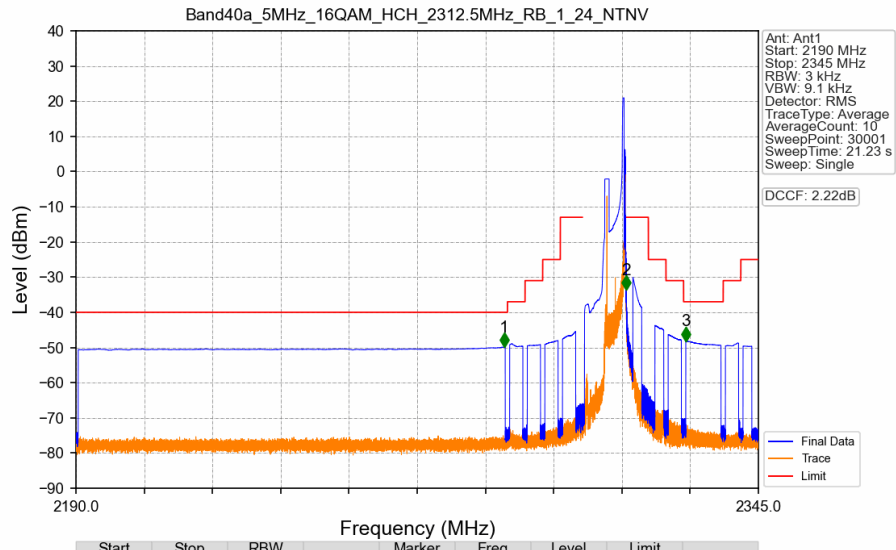
Band40a 5MHz 16QAM HCH 2312.5MHz RB 1 0 NTV



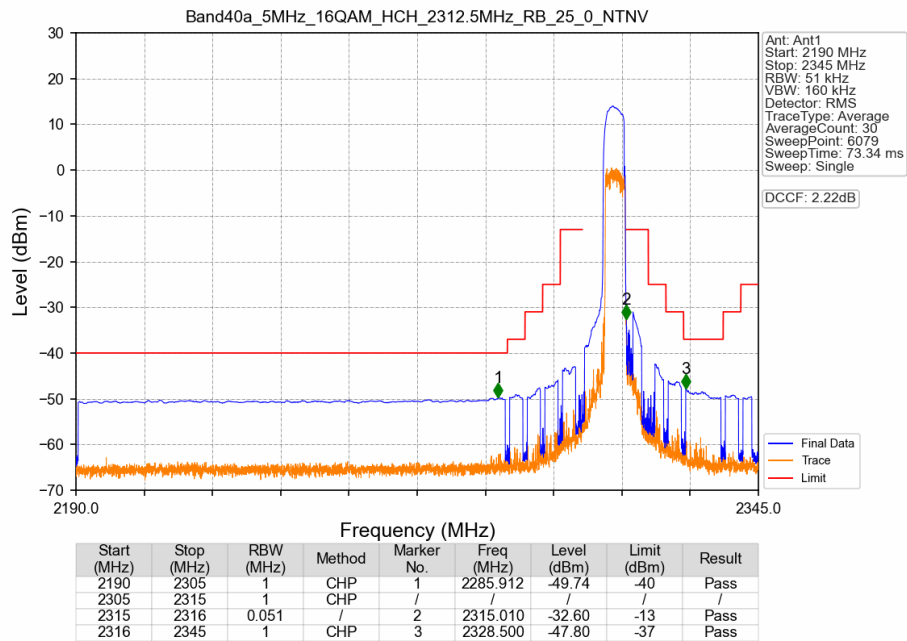
Band40a 5MHz 16QAM HCH 2312.5MHz RB 1 0 NTV



Band40a 5MHz 16QAM HCH 2312.5MHz RB 1 24 NTNV



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

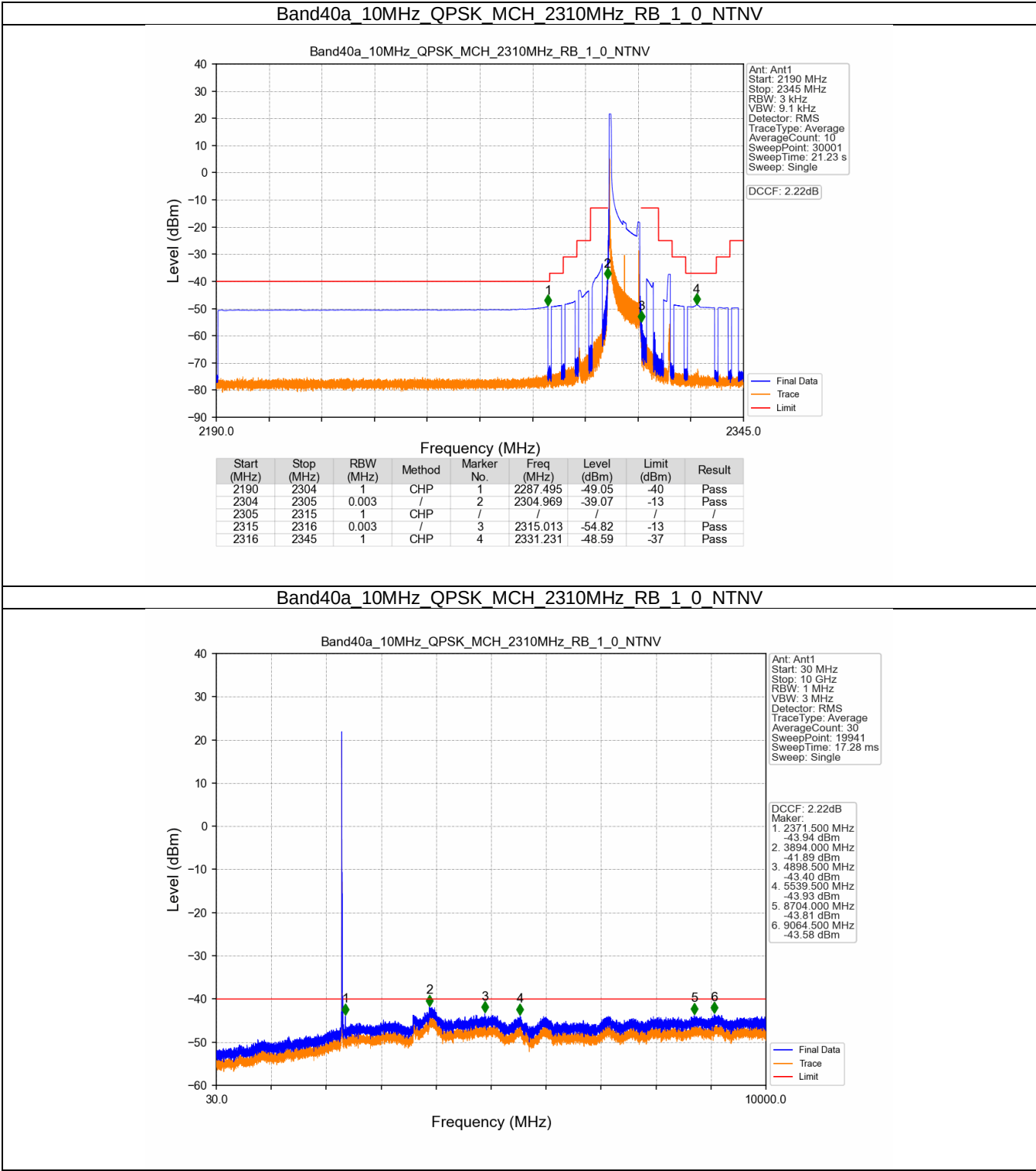


10.2 B40a_10MHz

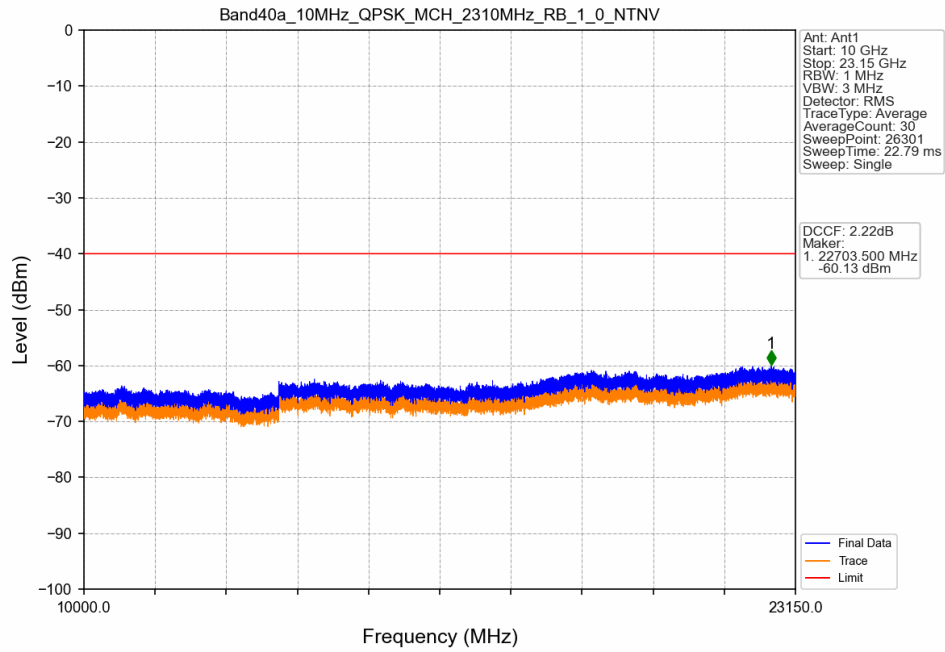
10.2.1 Test Result

Band: 40a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2310	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

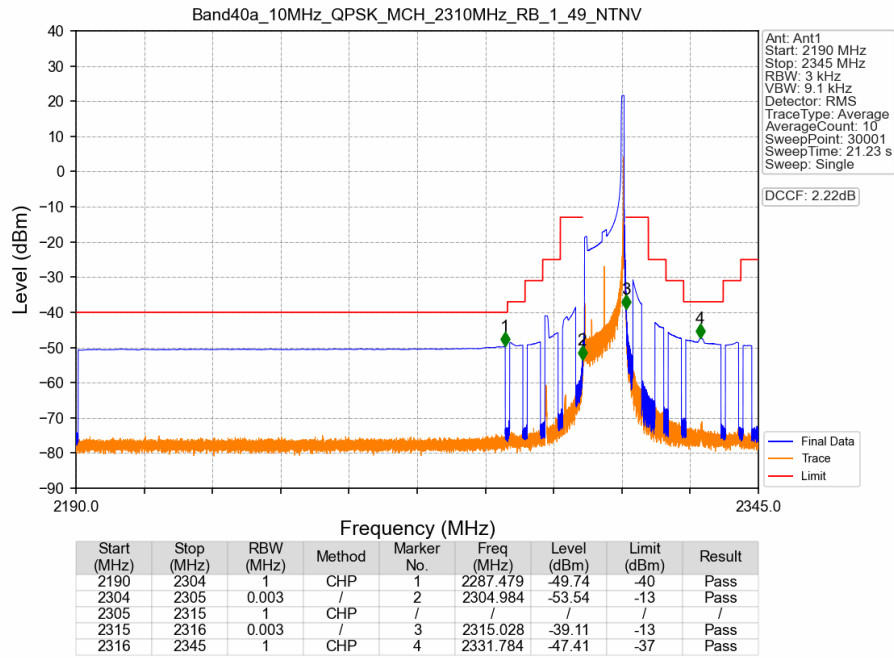
10.2.2 Test Graph



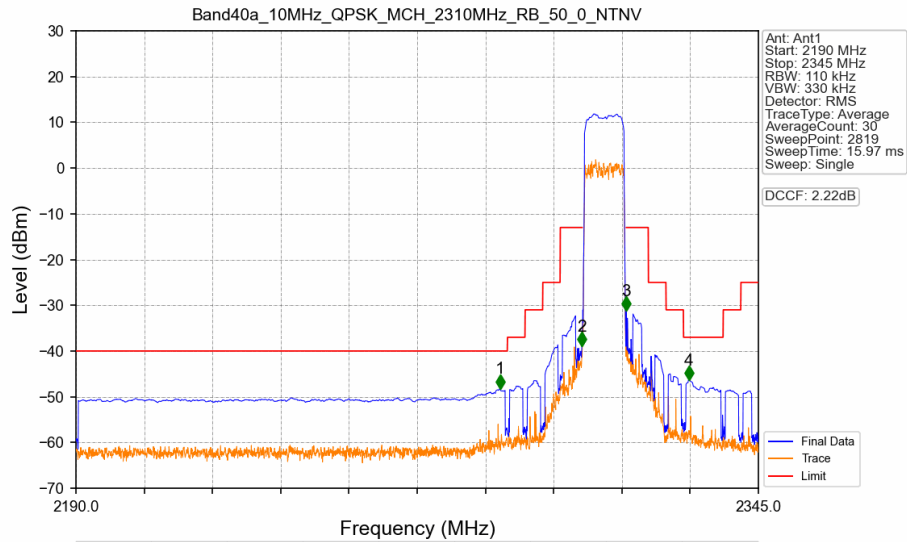
Band40a_10MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



Band40a_10MHz_QPSK_MCH_2310MHz_RB_1_49_NTNV

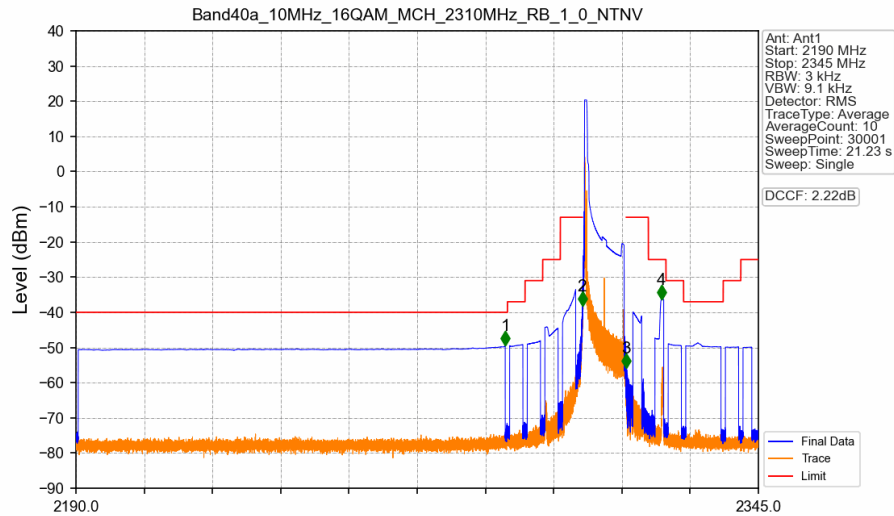


Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



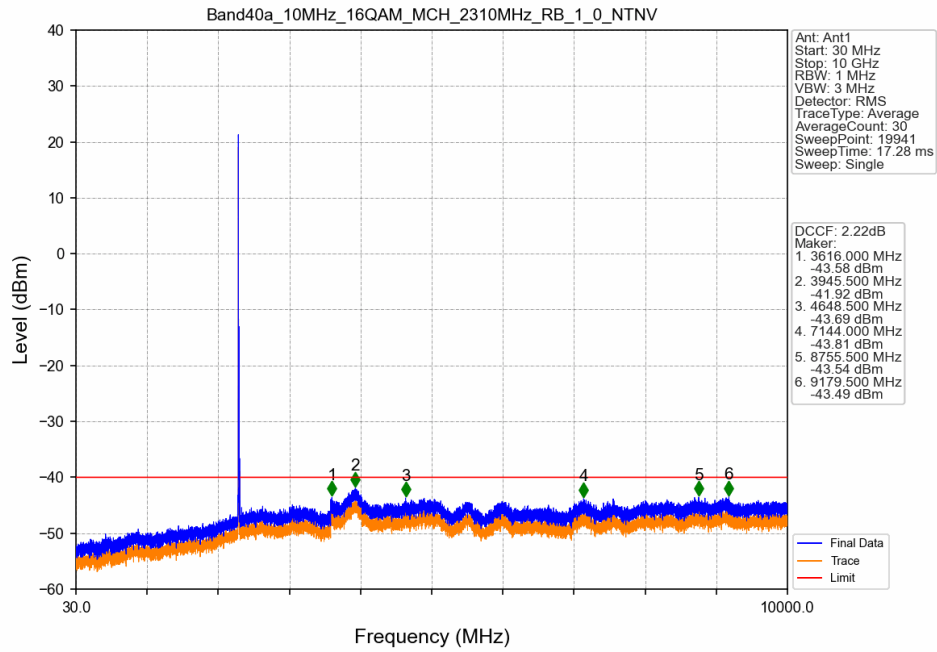
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2286.311	-48.22	-40	Pass
2304	2305	0.11	/	2	2304.902	-38.91	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.11	/	3	2315.023	-31.24	-13	Pass
2316	2345	1	CHP	4	2329.159	-46.40	-37	Pass

Band40a_10MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV

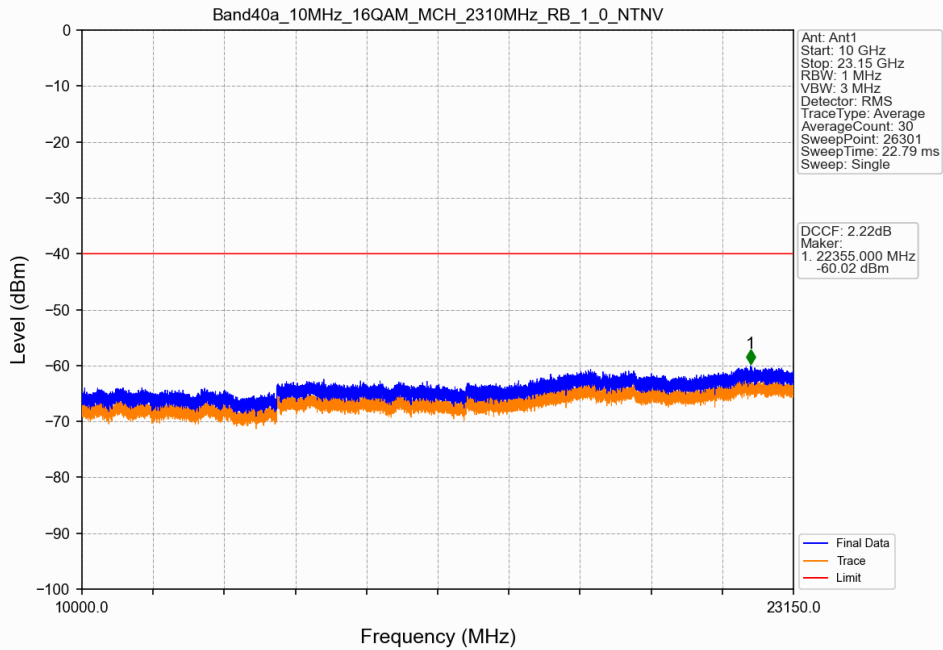


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2287.490	-49.47	-40	Pass
2304	2305	0.003	/	2	2304.984	-38.21	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.023	-55.94	-13	Pass
2316	2345	1	CHP	4	2322.985	-36.33	-25	Pass

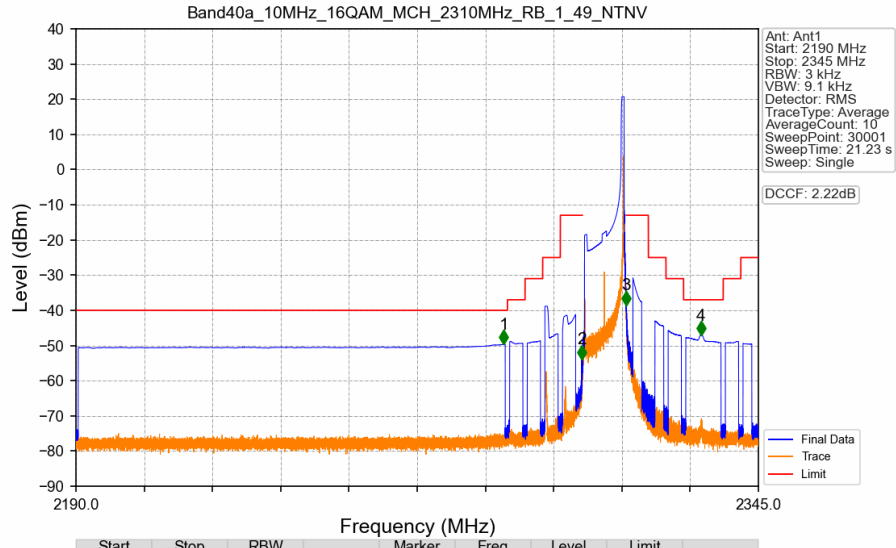
Band40a_10MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



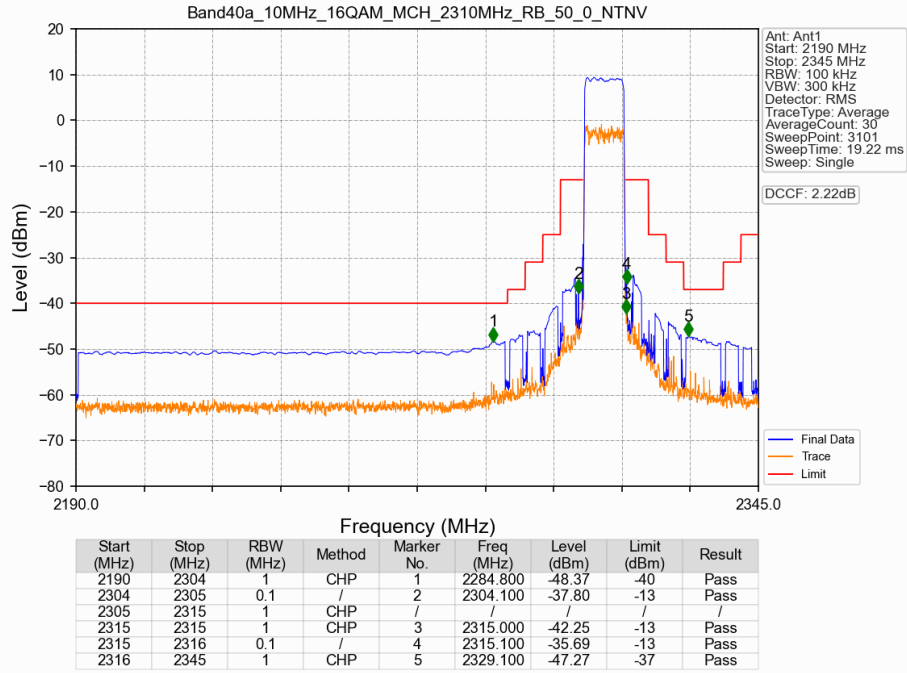
Band40a_10MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



Band40a 10MHz 16QAM MCH 2310MHz RB 1 49 NTNV



Band40a 10MHz 16QAM MCH 2310MHz RB 50 0 NTNV



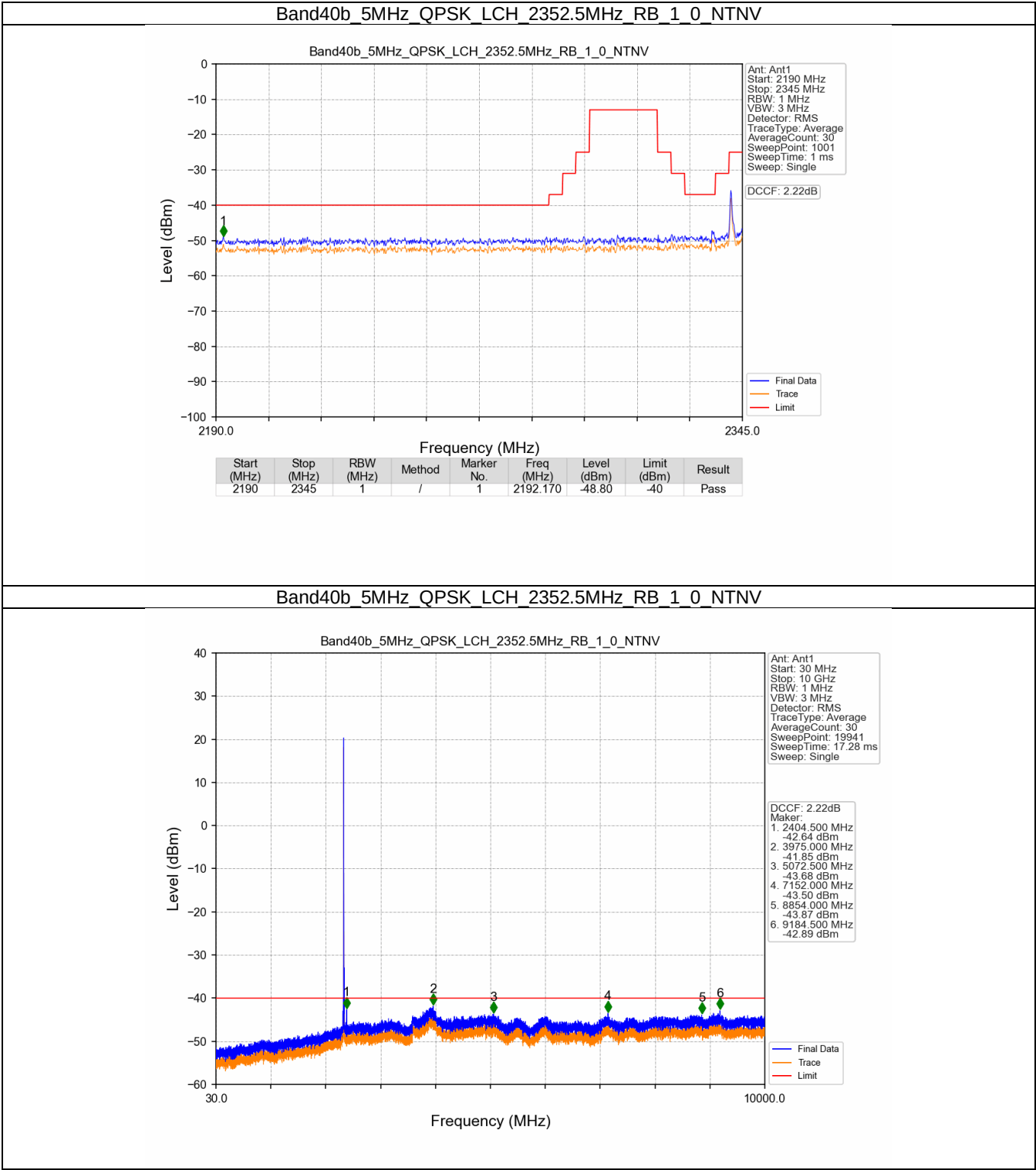
11. Spurious Emission

11.1 B40b_5MHz

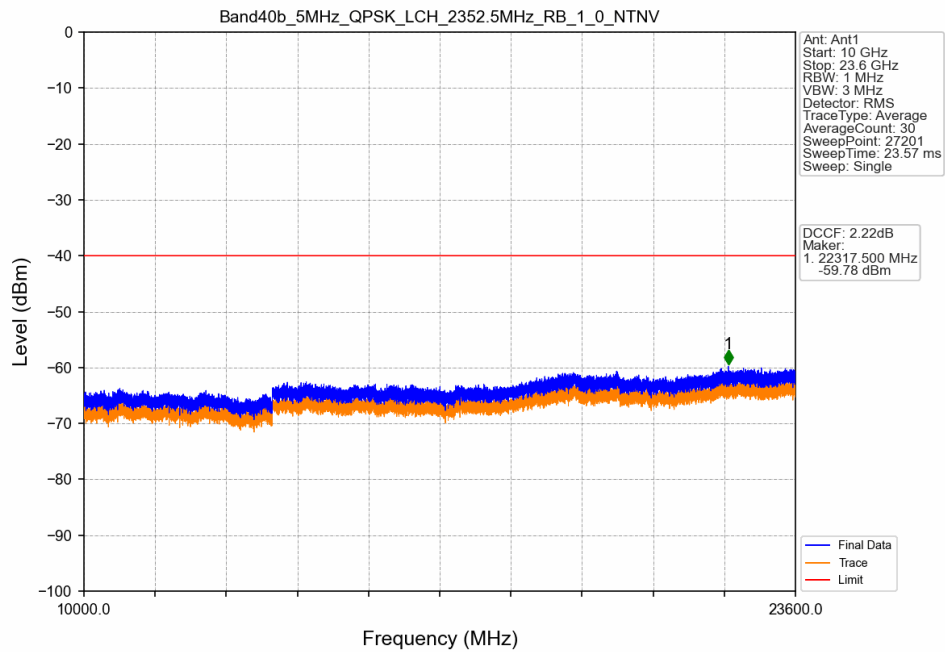
11.1.1 Test Result

Band: 40b / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2352.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2355	1	0	Refer To Test Graph	Pass
	2357.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
16QAM	2352.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2355	1	0	Refer To Test Graph	Pass
	2357.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

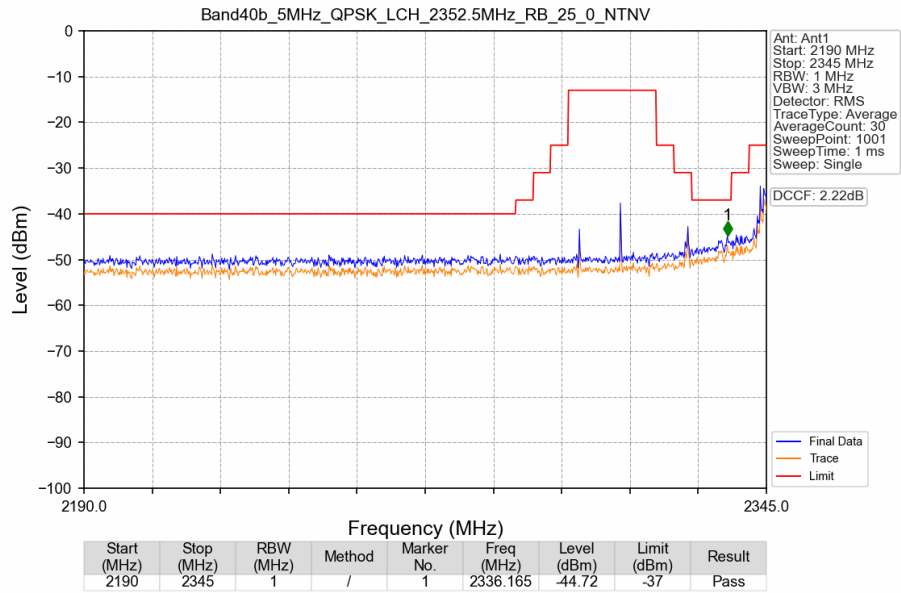
11.1.2 Test Graph



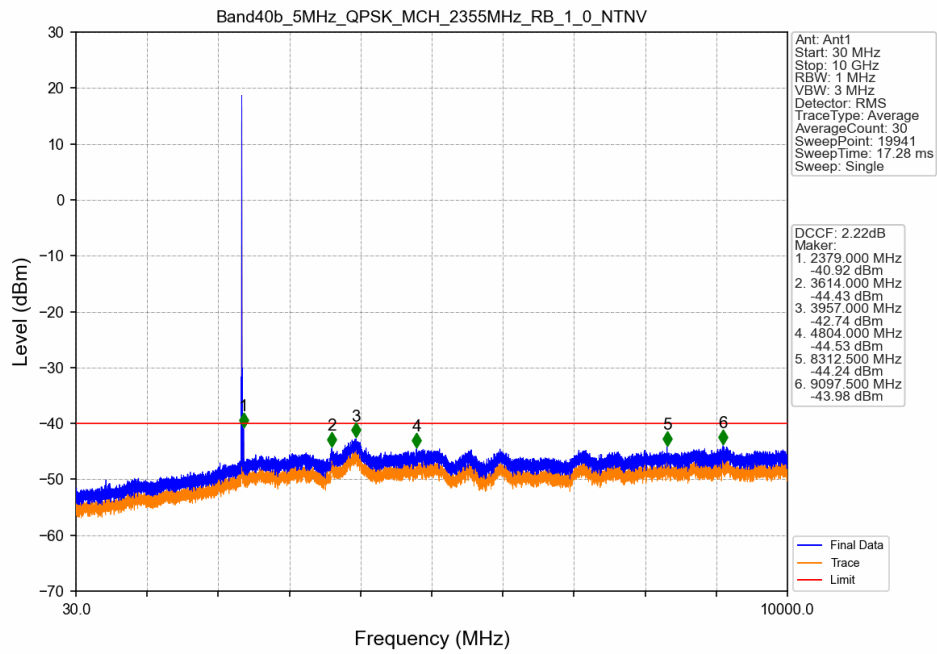
Band40b_5MHz_QPSK_LCH_2352.5MHz_RB_1_0_NTNV



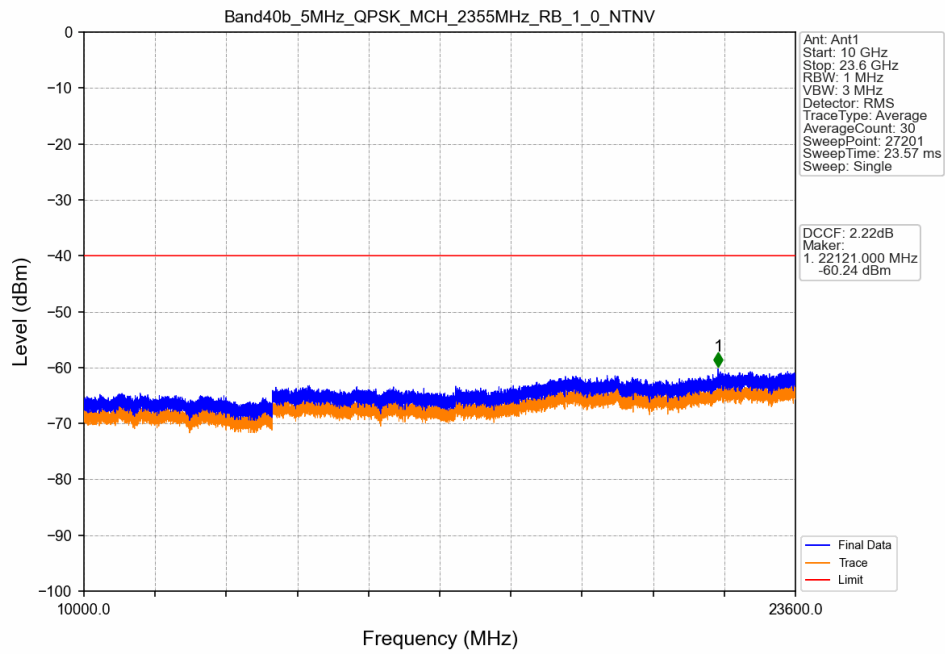
Band40b_5MHz_QPSK_LCH_2352.5MHz_RB_25_0_NTNV



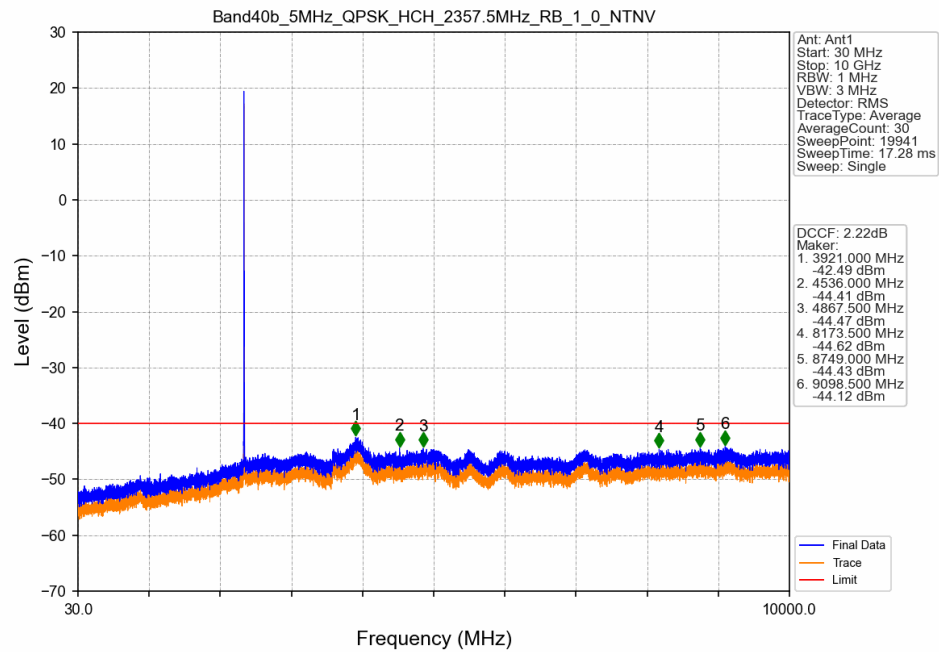
Band40b 5MHz QPSK MCH 2355MHz RB 1 0 NTV



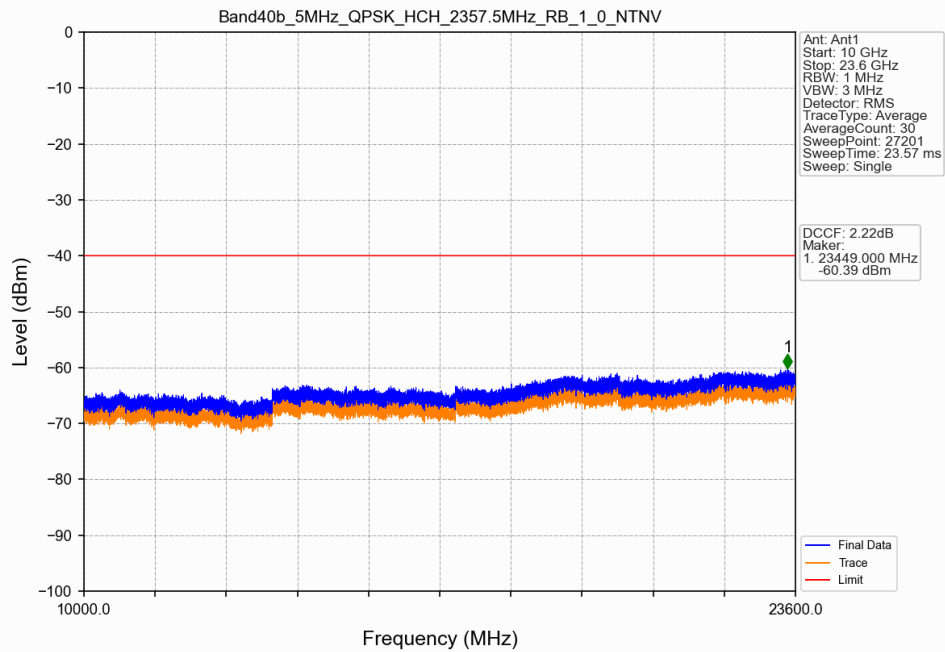
Band40b 5MHz QPSK MCH 2355MHz RB 1 0 NTV



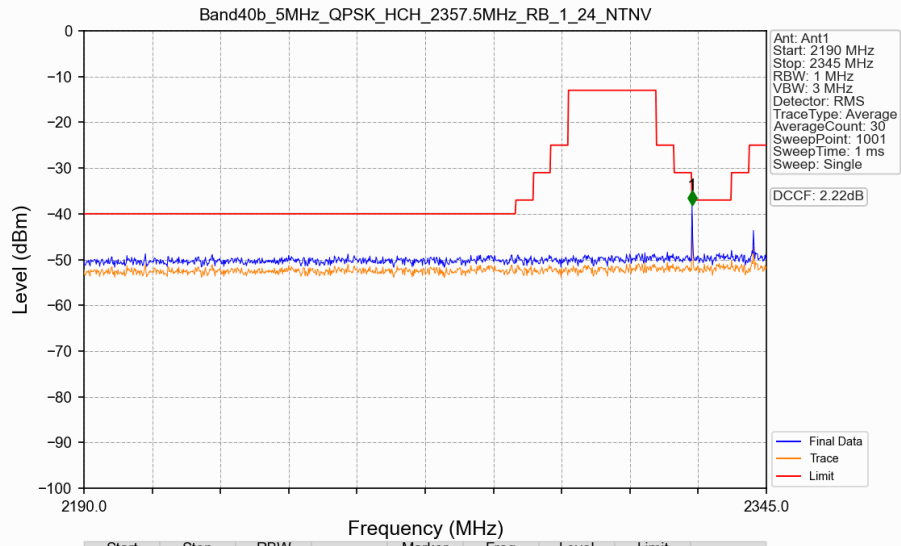
Band40b 5MHz QPSK HCH 2357.5MHz RB 1 0 NTV



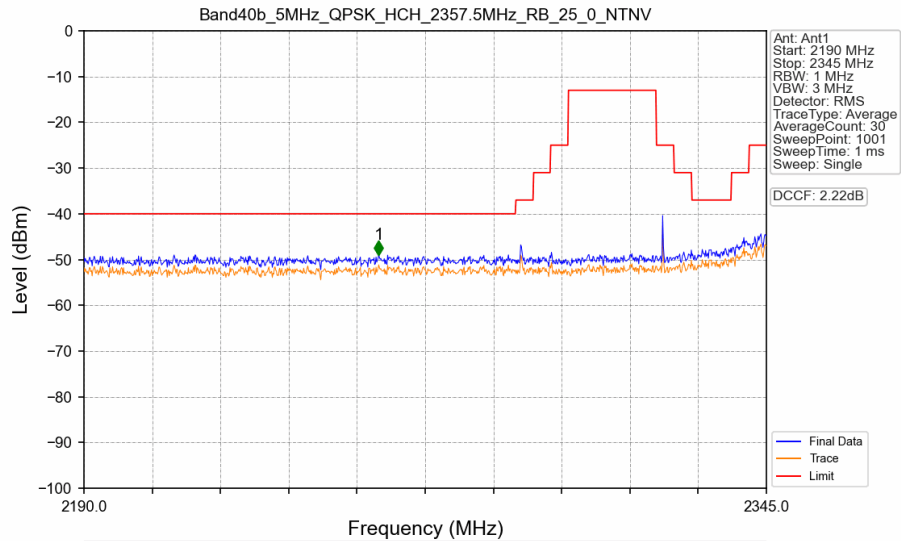
Band40b 5MHz QPSK HCH 2357.5MHz RB 1 0 NTV



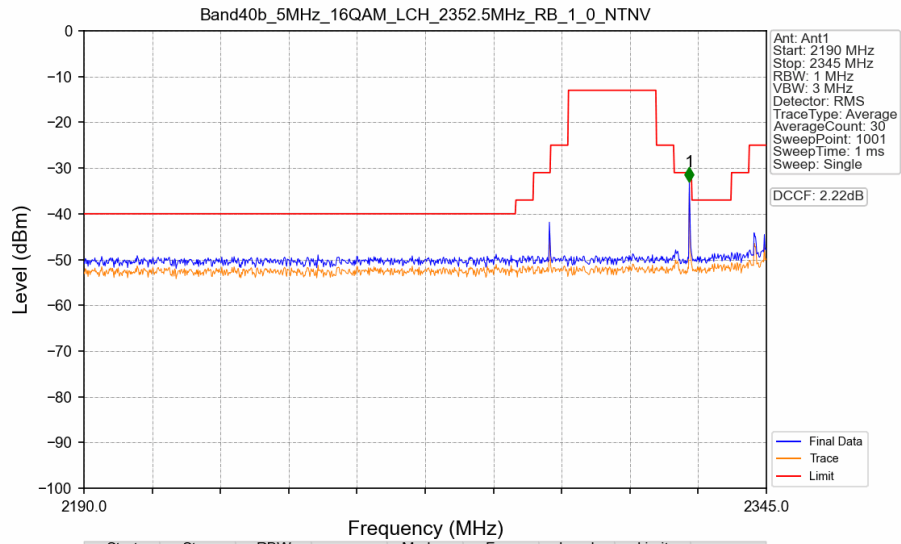
Band40b 5MHz QPSK HCH 2357.5MHz RB 1 24 NTNV



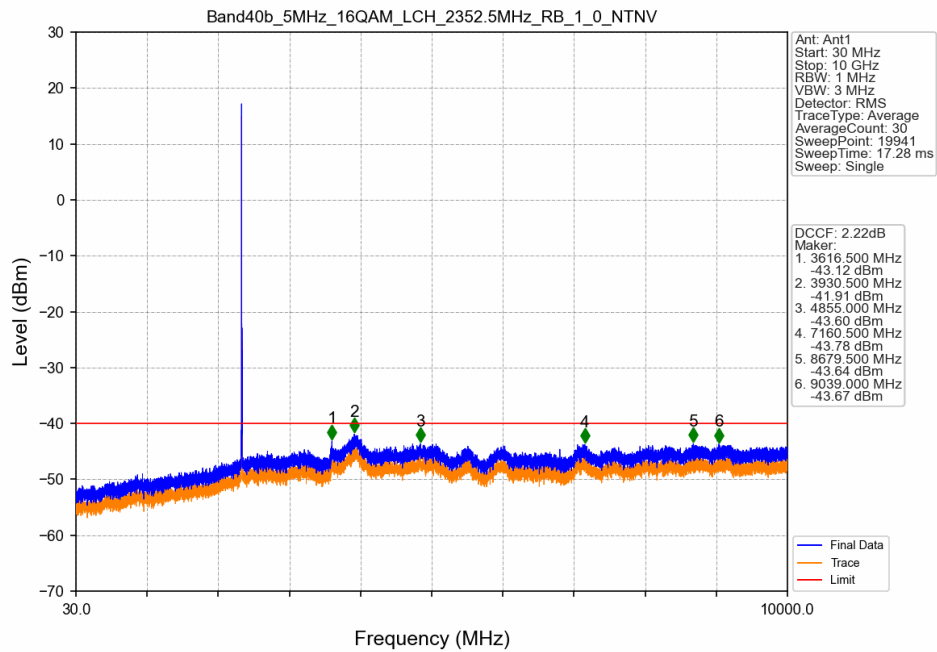
Band40b 5MHz QPSK HCH 2357.5MHz RB 25_0 NTNV



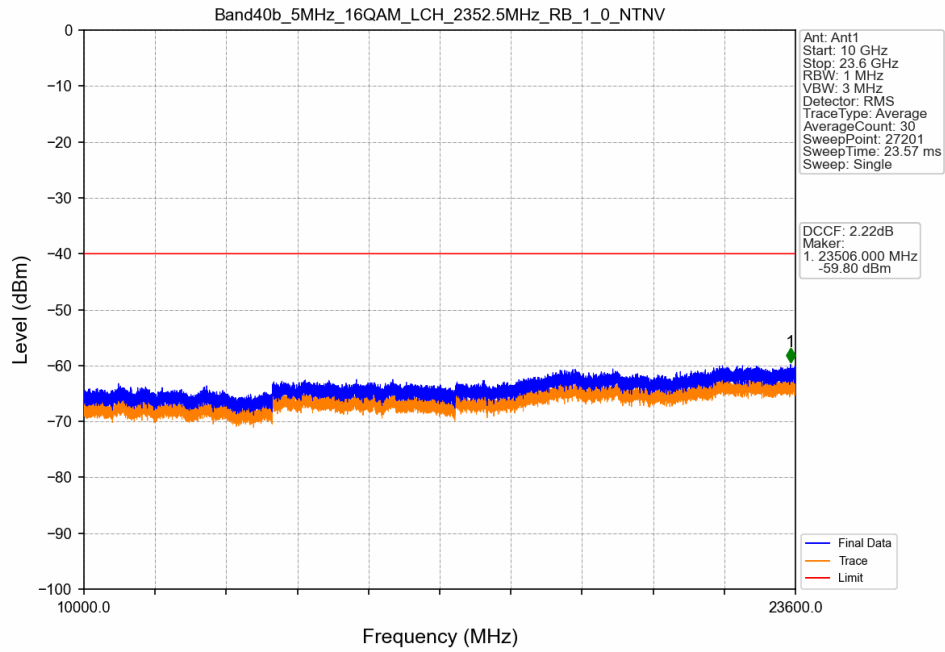
Band40b 5MHz 16QAM LCH 2352.5MHz RB 1 0 NTNV



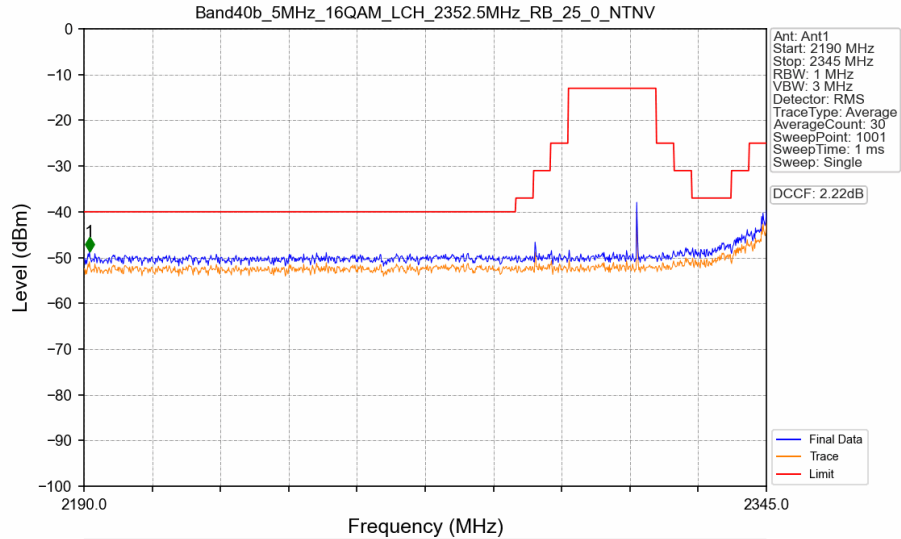
Band40b 5MHz 16QAM LCH 2352.5MHz RB 1 0 NTNV



Band40b 5MHz 16QAM LCH 2352.5MHz RB 1 0 NTV

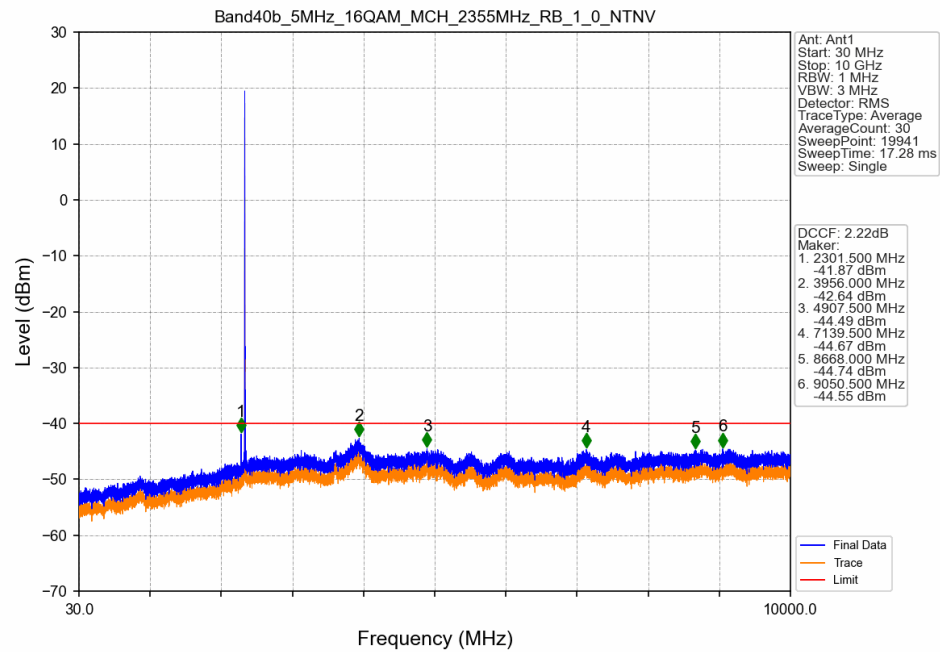


Band40b 5MHz 16QAM LCH 2352.5MHz RB 25 0 NTV

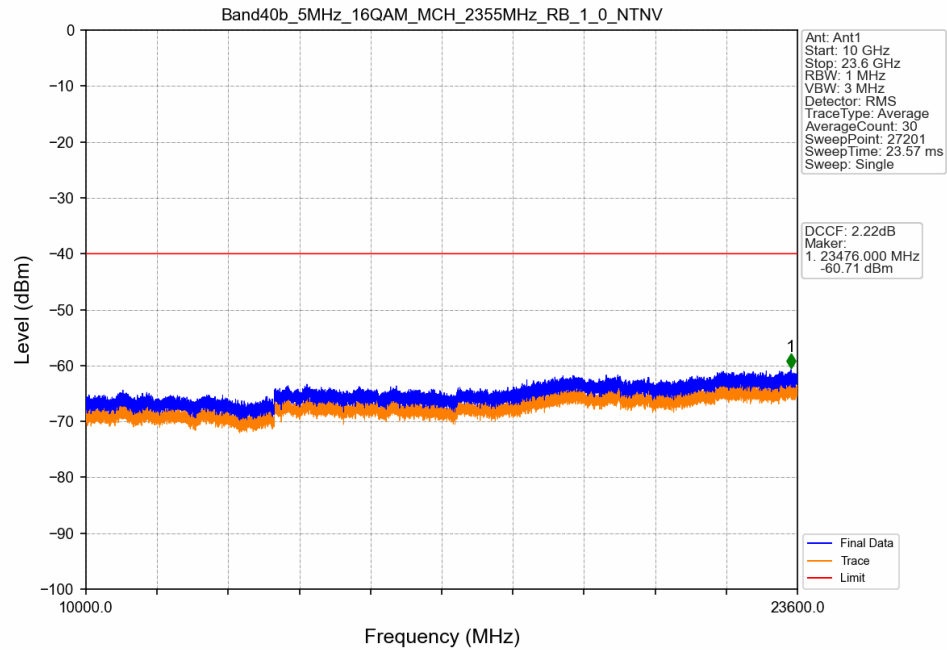


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2345	1	/	1	2191.240	-48.70	-40	Pass

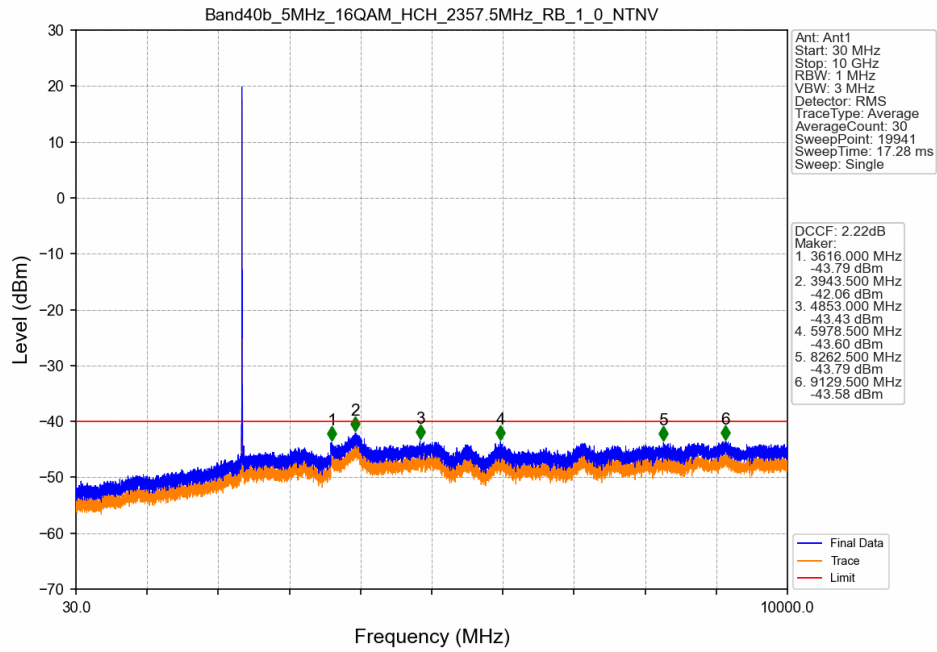
Band40b 5MHz 16QAM MCH 2355MHz RB 1 0 NTNV



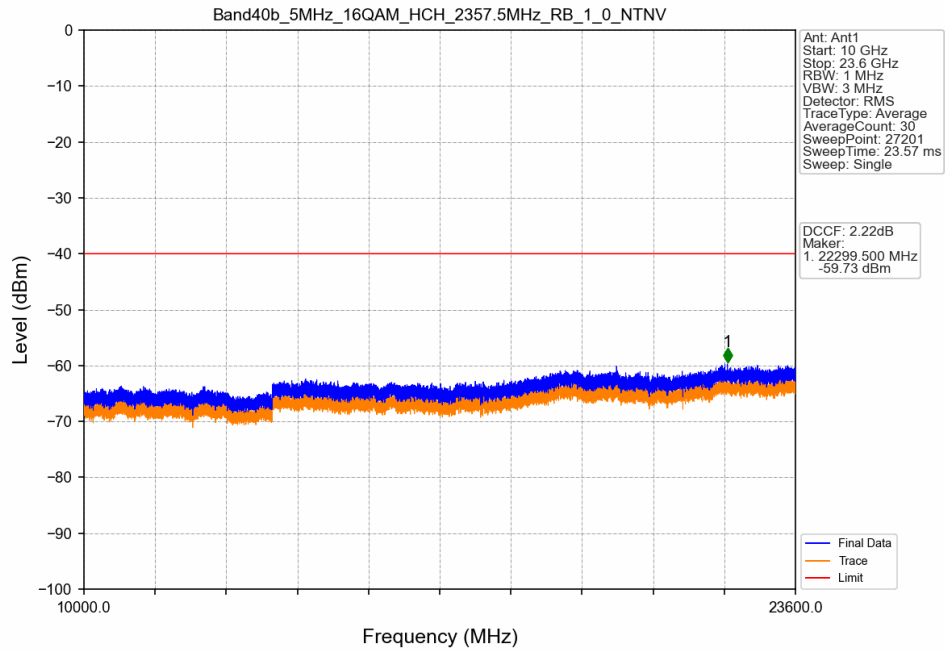
Band40b 5MHz 16QAM MCH 2355MHz RB 1 0 NTNV



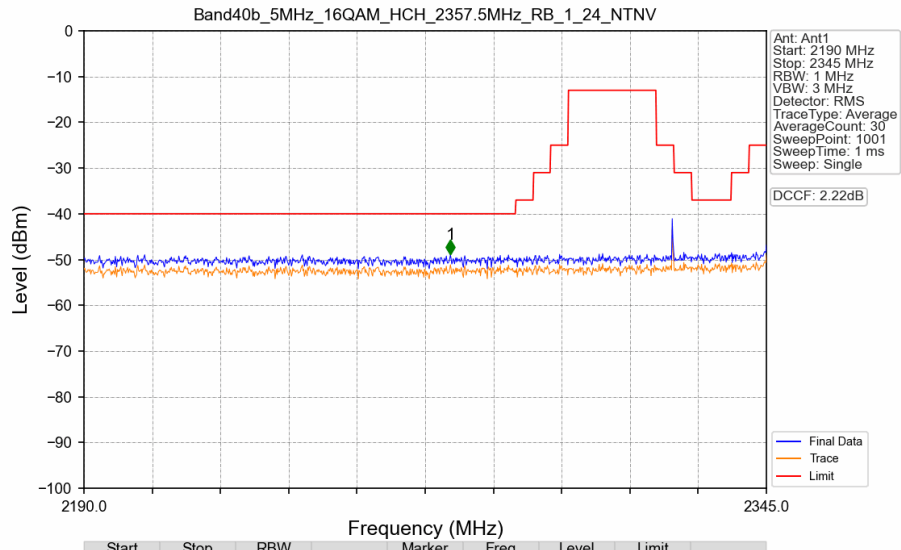
Band40b_5MHz_16QAM_HCH_2357.5MHz_RB_1_0_NTNV



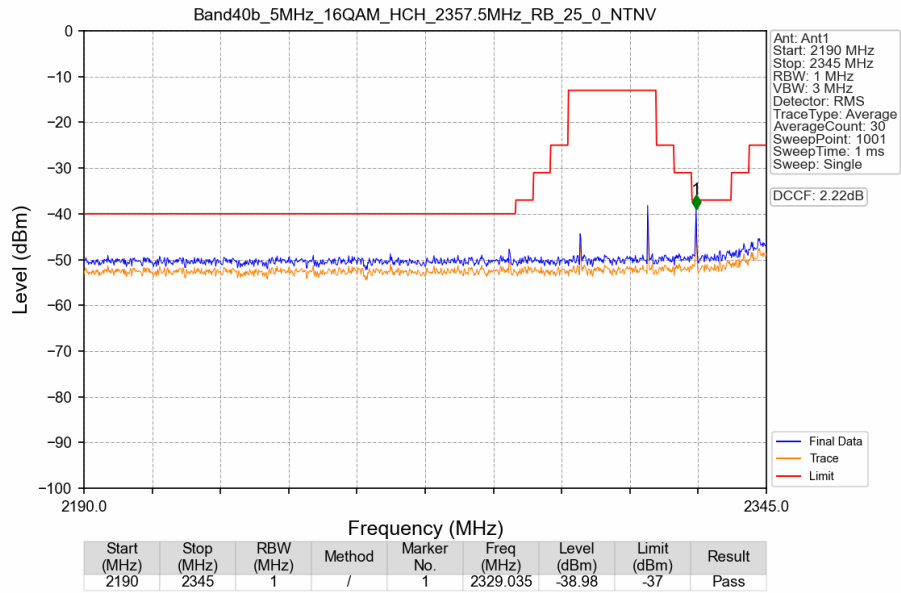
Band40b_5MHz_16QAM_HCH_2357.5MHz_RB_1_0_NTNV



Band40b 5MHz 16QAM HCH 2357.5MHz RB 1 24 NTNV



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

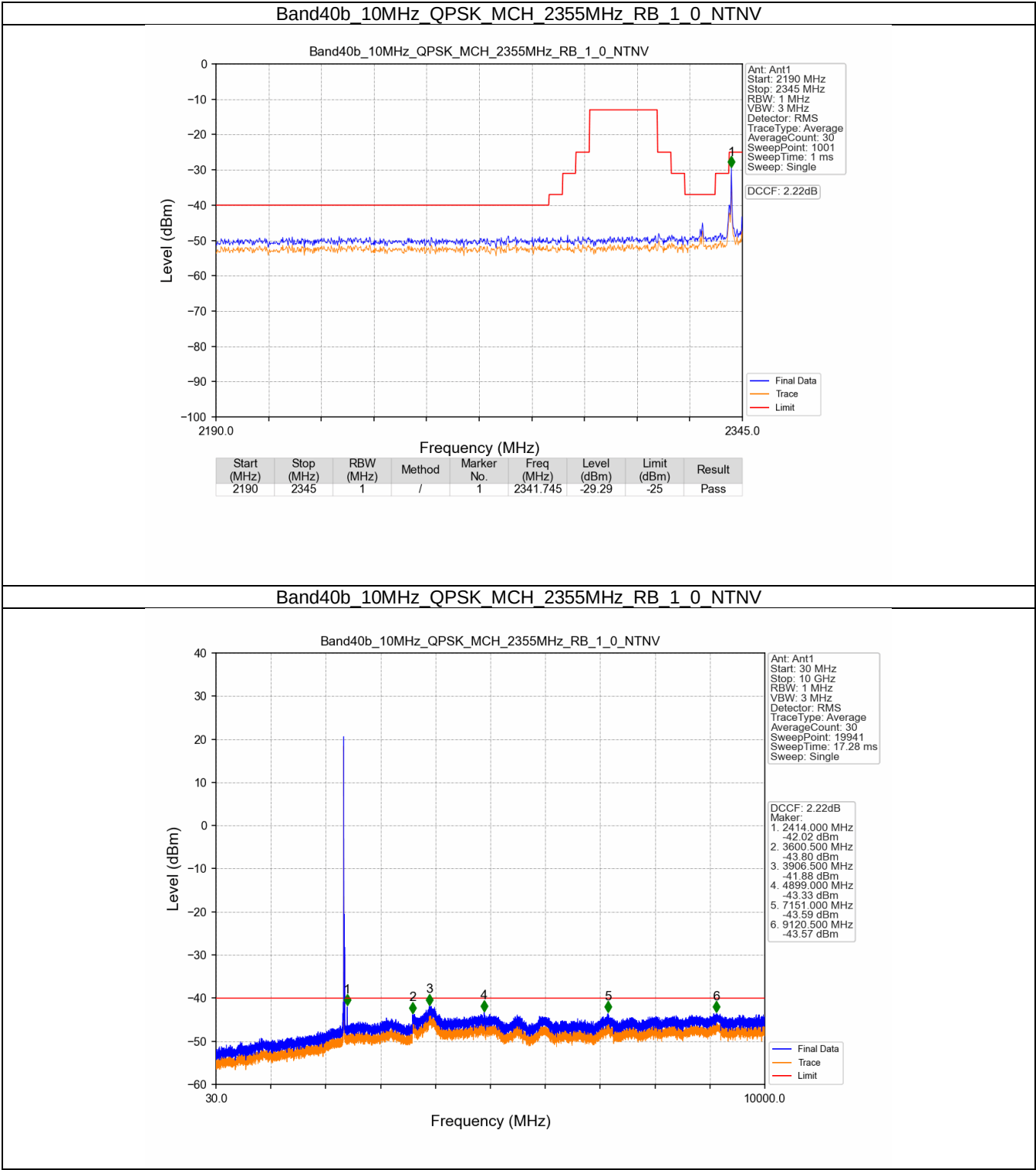


11.2 B40b_10MHz

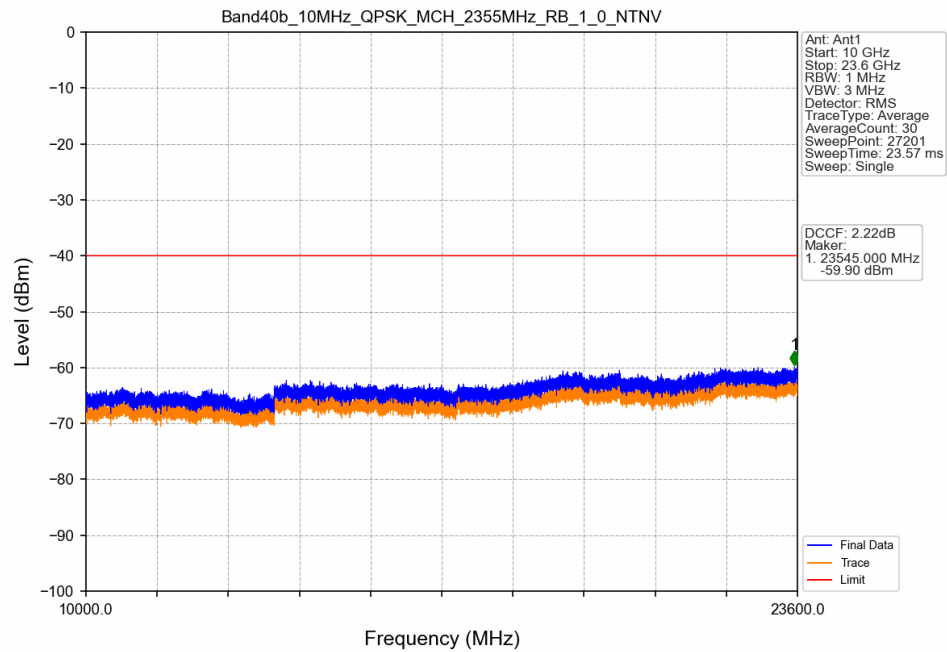
11.2.1 Test Result

Band: 40b / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2355	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2355	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

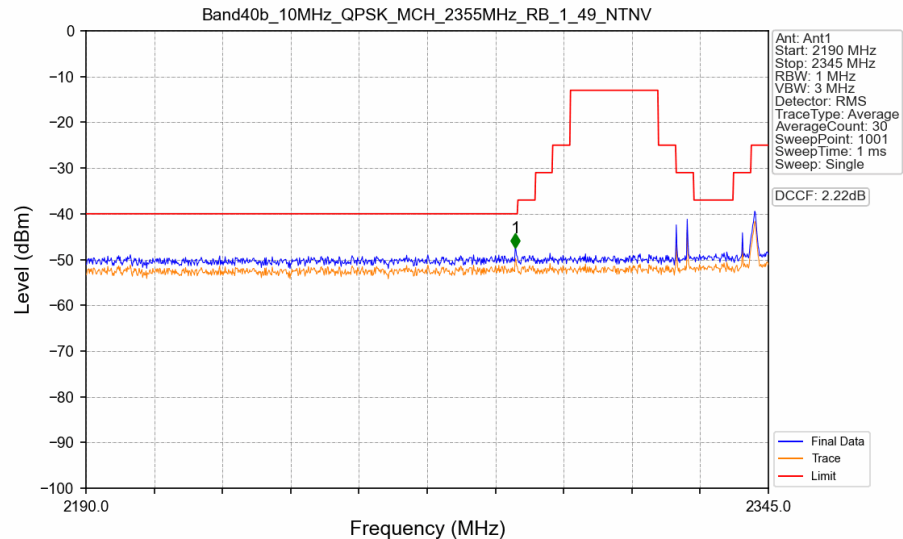
11.2.2 Test Graph



Band40b_10MHz_QPSK_MCH_2355MHz_RB_1_0_NTNV

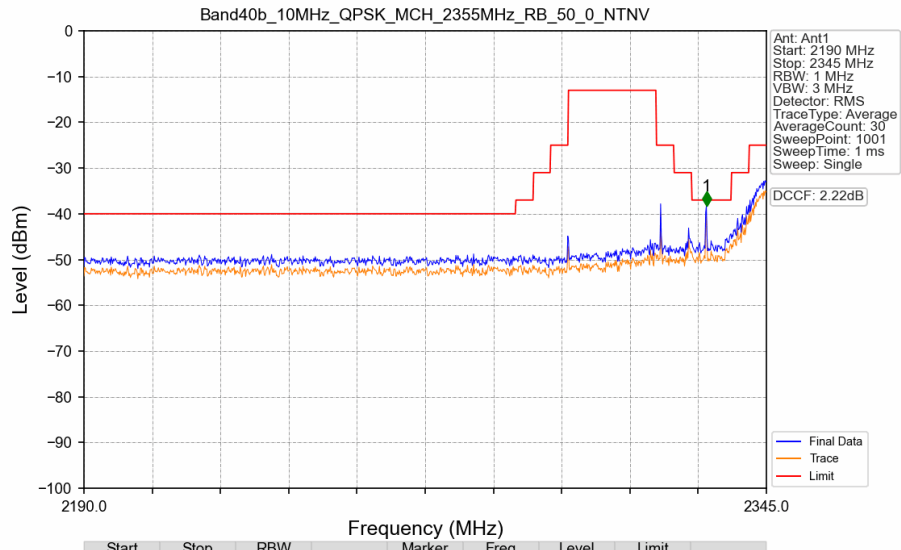


Band40b_10MHz_QPSK_MCH_2355MHz_RB_1_49_NTNV

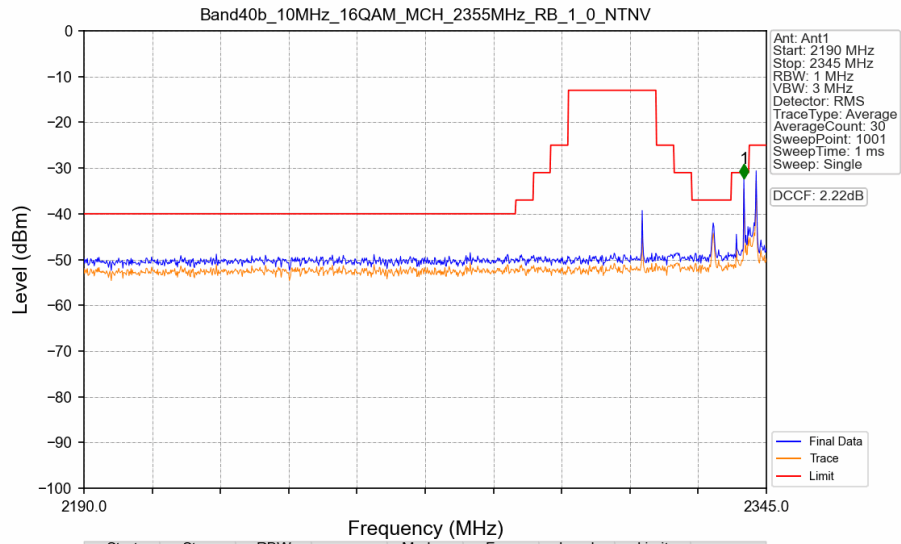


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2345	1	/	1	2287.495	-47.51	-40	Pass

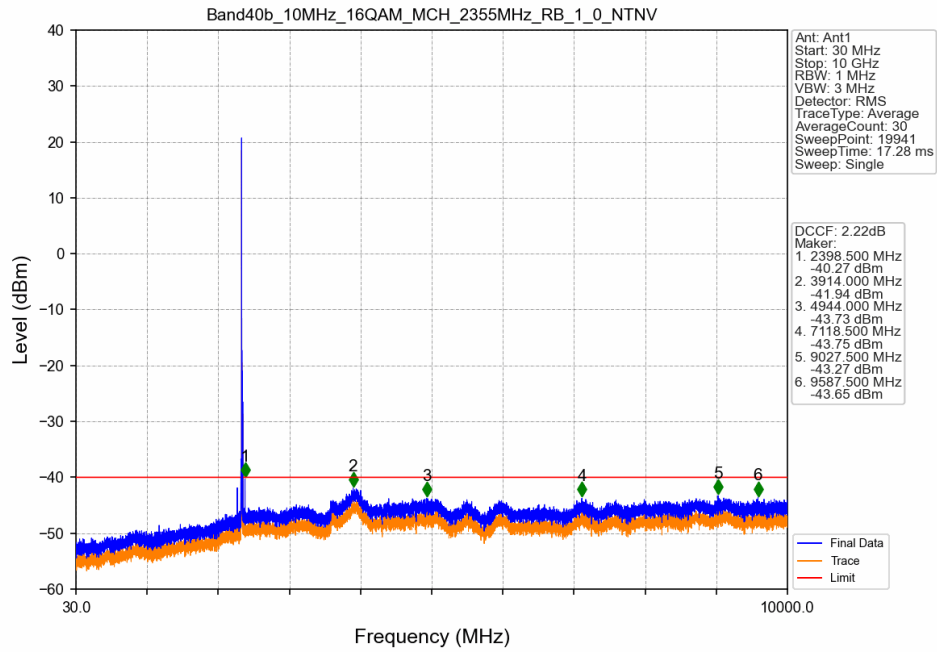
Band40b_10MHz_QPSK_MCH_2355MHz_RB_50_0_NTNV



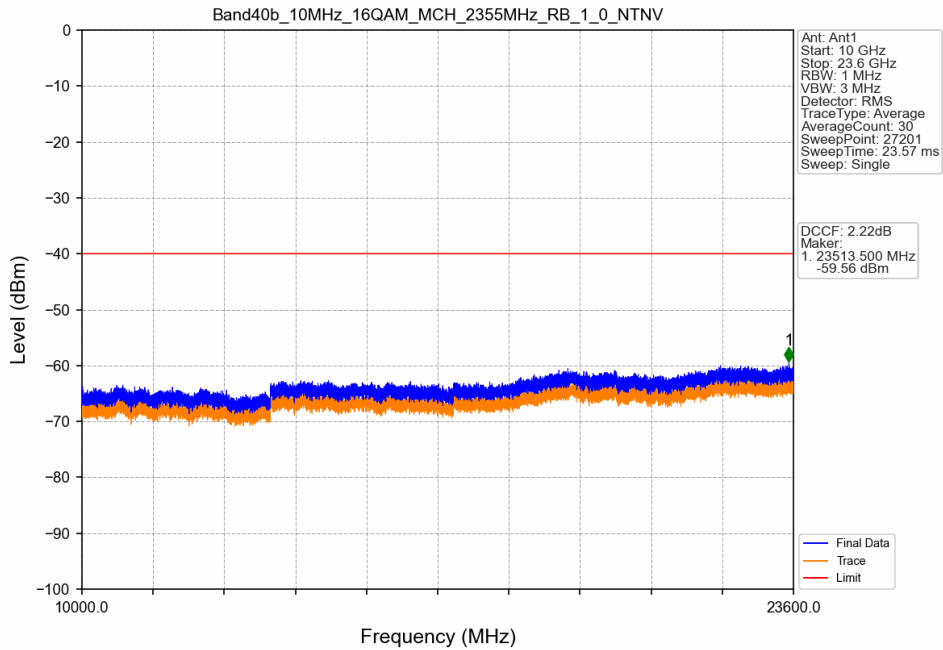
Band40b_10MHz_16QAM_MCH_2355MHz_RB_1_0_NTNV



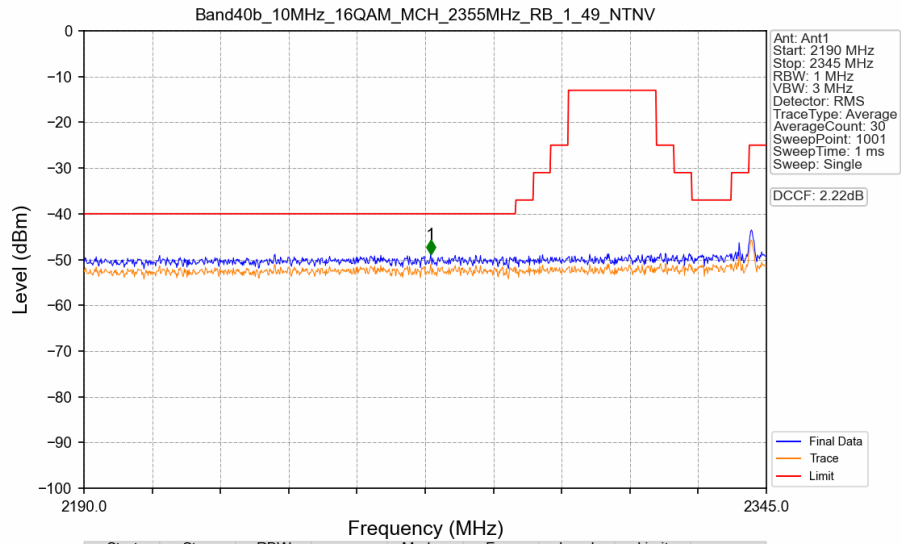
Band40b_10MHz_16QAM_MCH_2355MHz_RB_1_0_NTNV



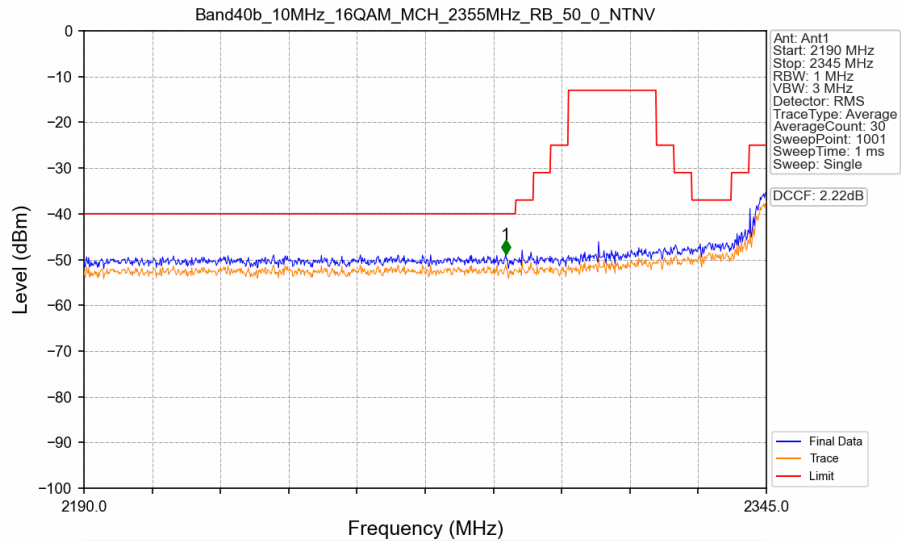
Band40b_10MHz_16QAM_MCH_2355MHz_RB_1_0_NTNV



Band40b 10MHz 16QAM MCH 2355MHz RB 1 49 NTNV



Band40b 10MHz 16QAM MCH 2355MHz RB 50 0 NTNV



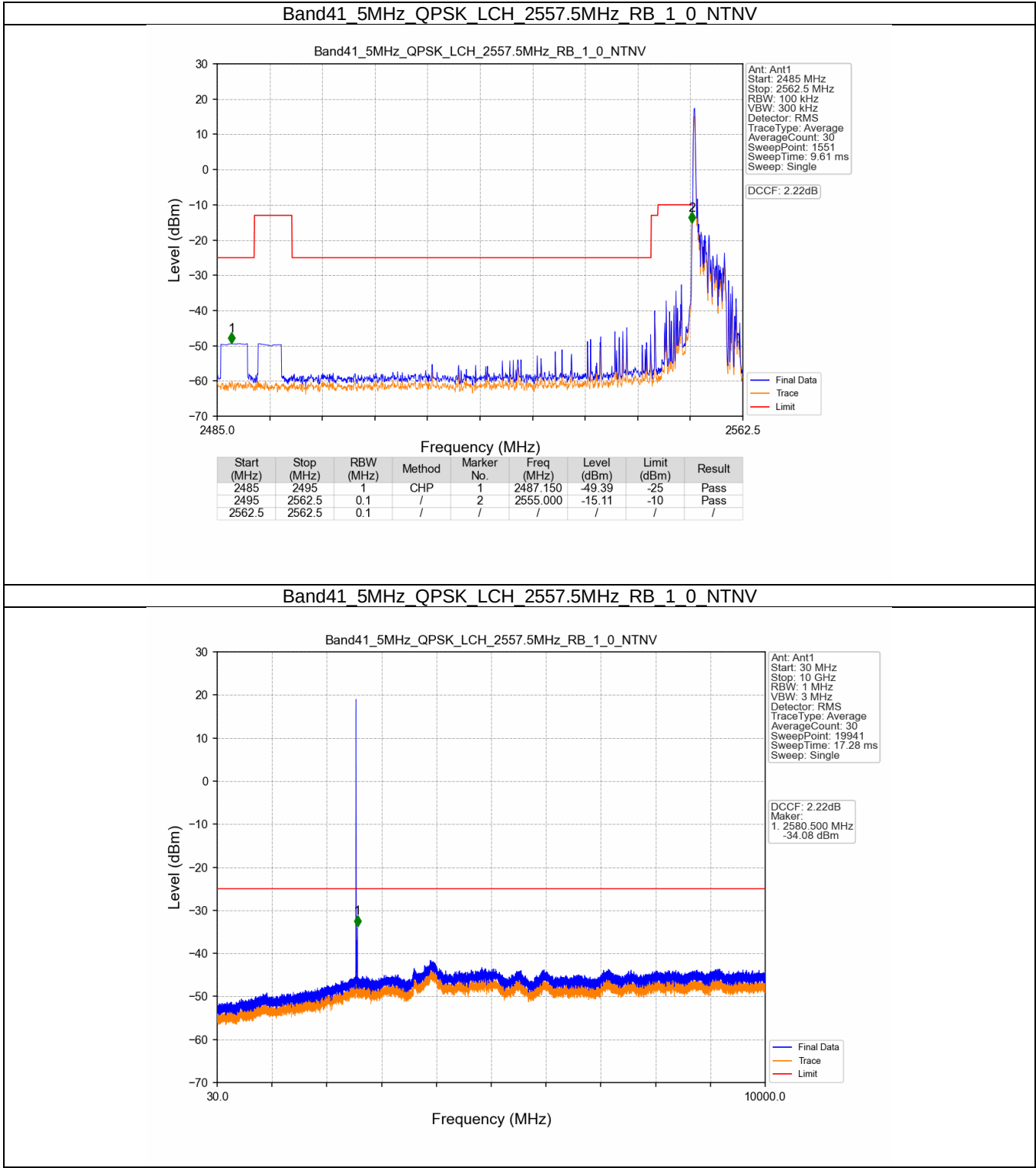
12. Spurious Emission

12.1 B41_5MHz

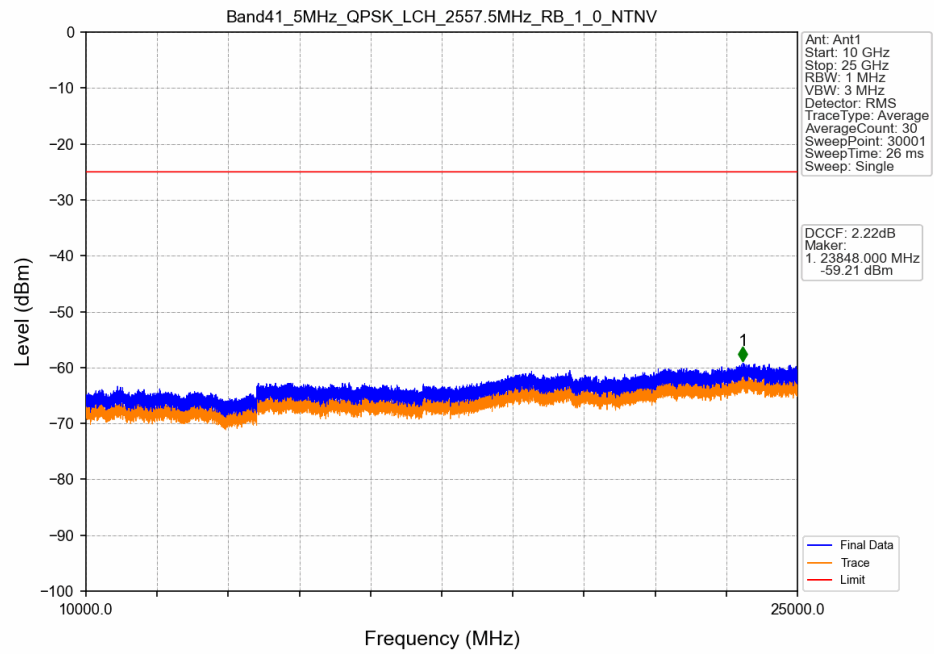
12.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2557.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2605	1	0	Refer To Test Graph	Pass
	2652.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
16QAM	2557.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2605	1	0	Refer To Test Graph	Pass
	2652.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

12.1.2 Test Graph



Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV

