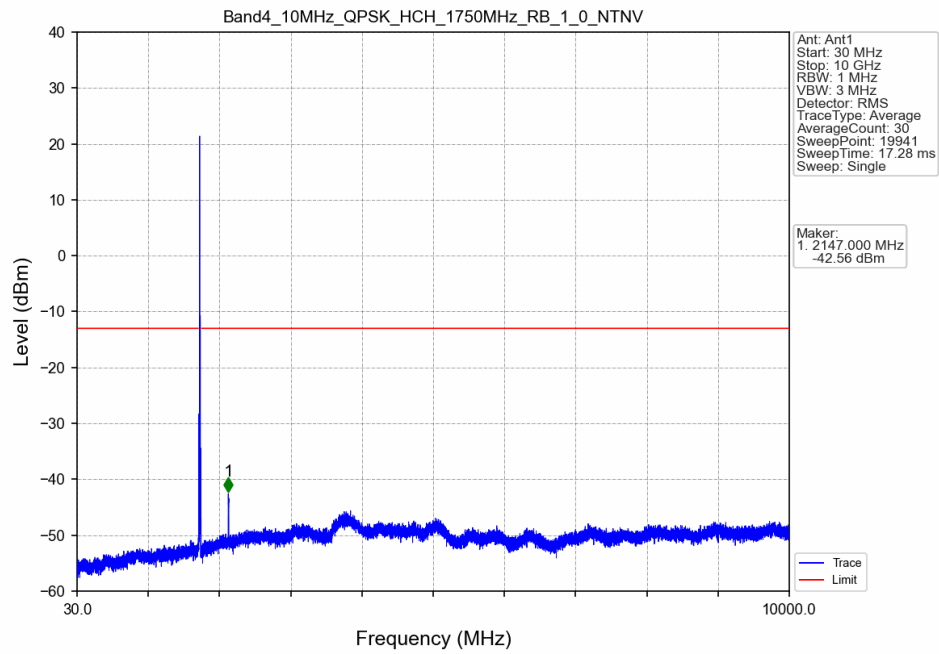
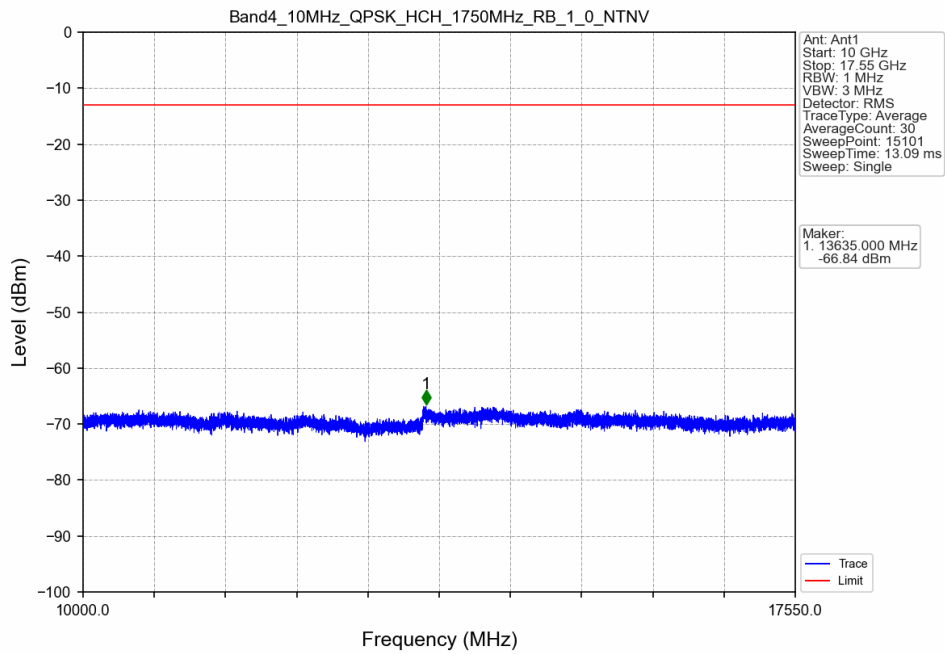


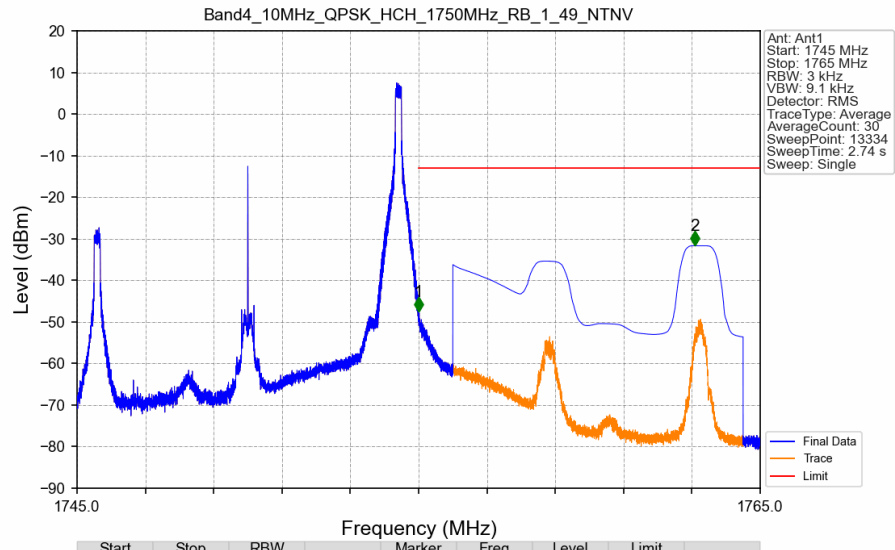
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTNV



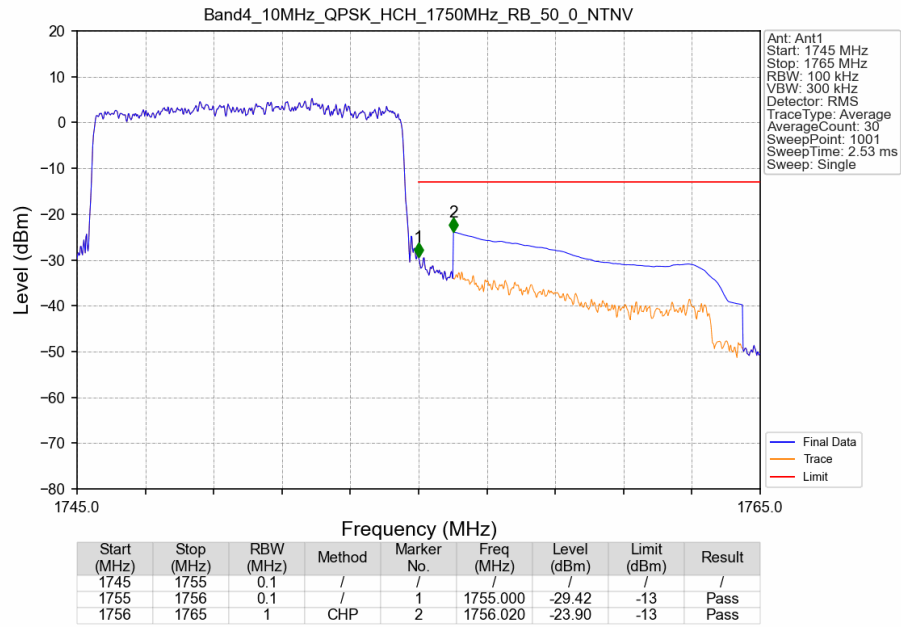
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTNV



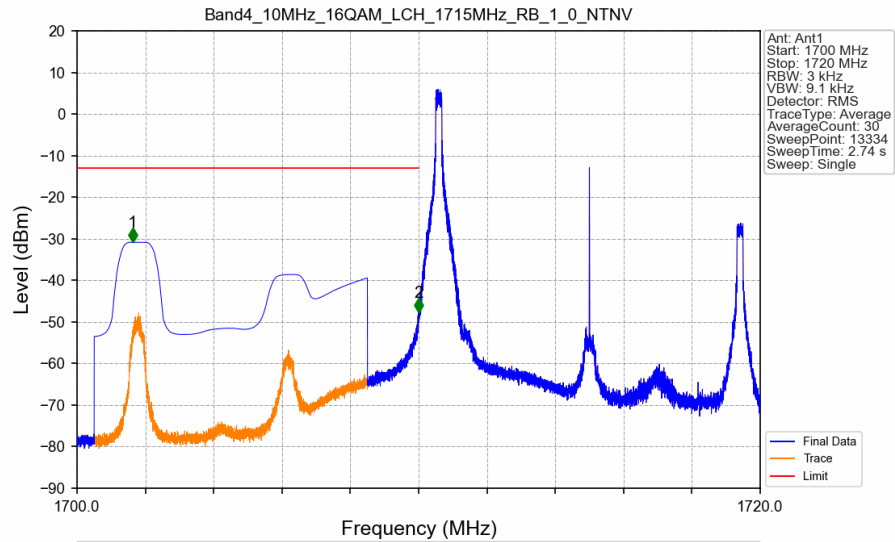
Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTV



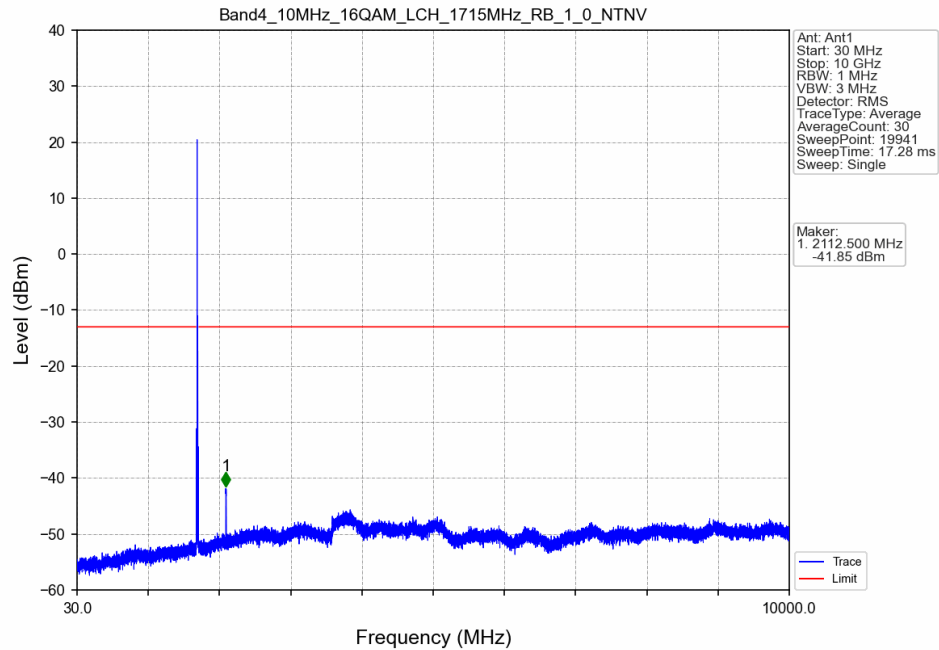
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTV



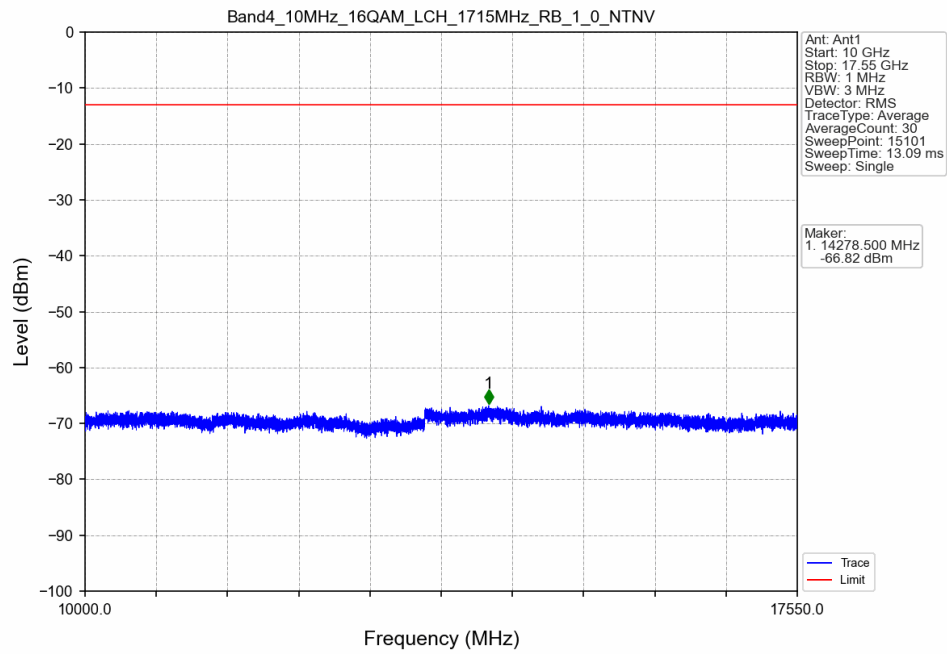
Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



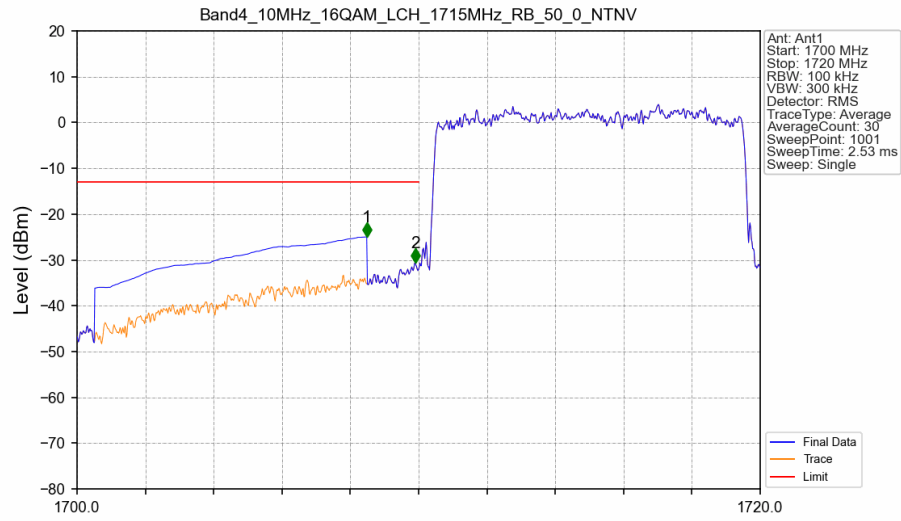
Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

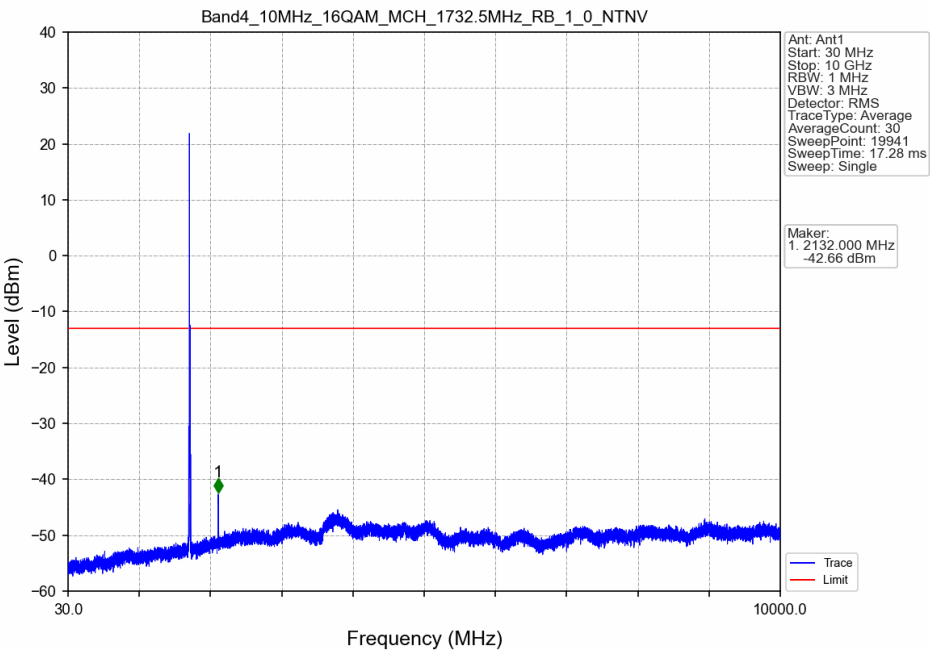


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

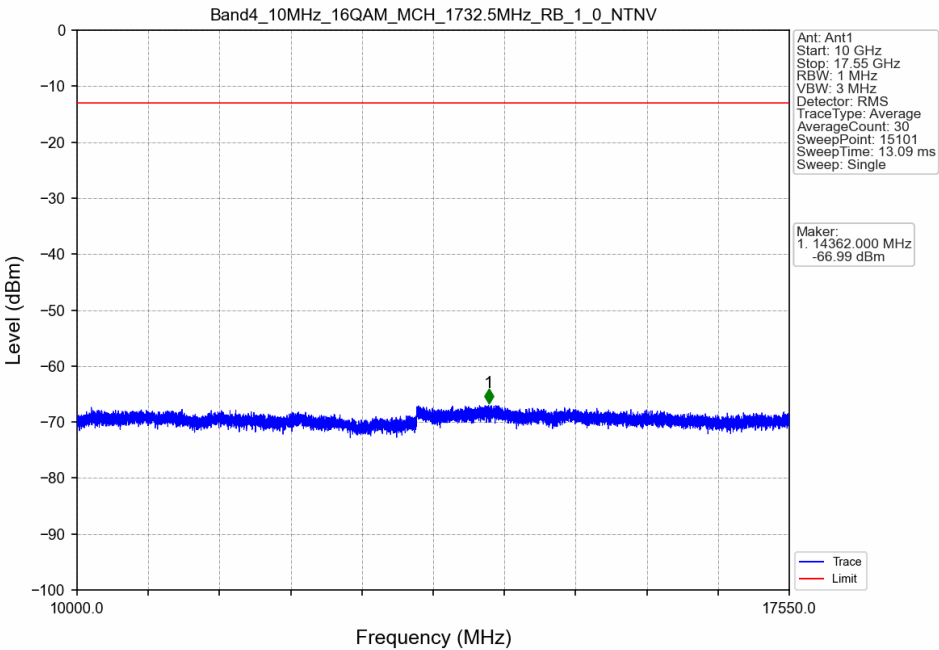


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-24.97	-13	Pass
1709	1710	0.1	/	2	1709.900	-30.58	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

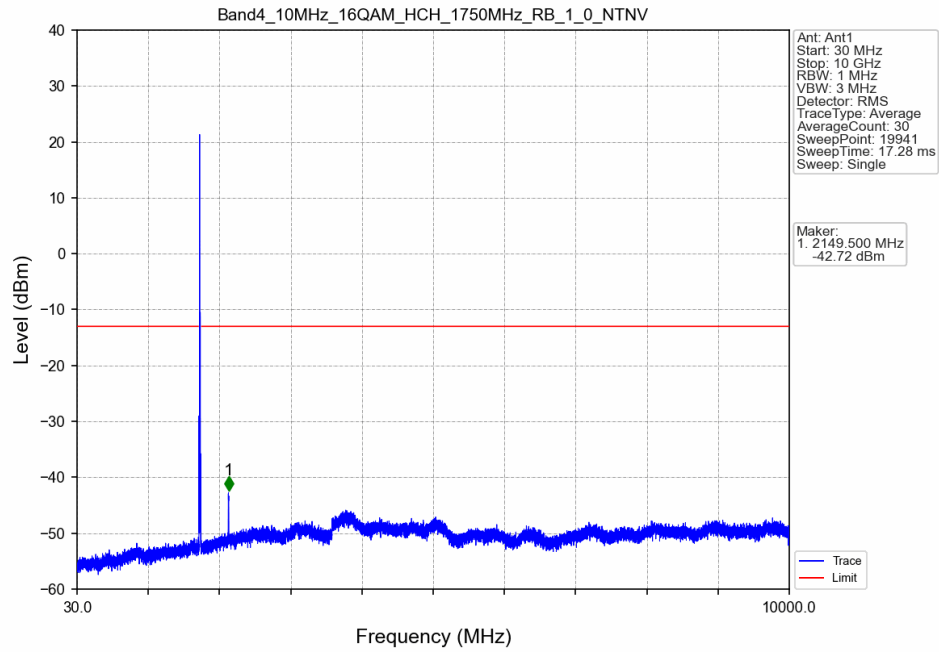
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



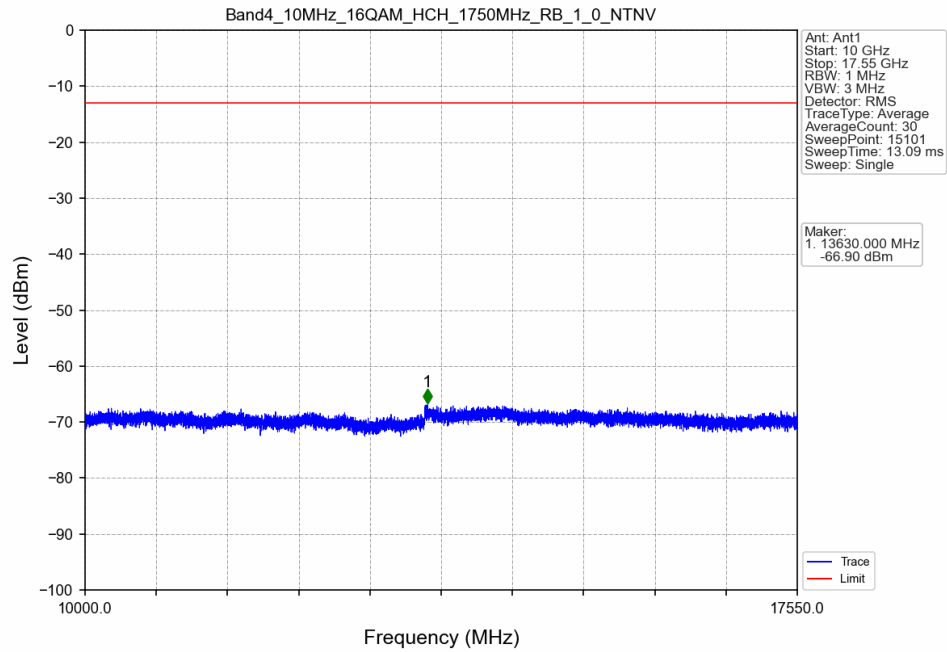
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



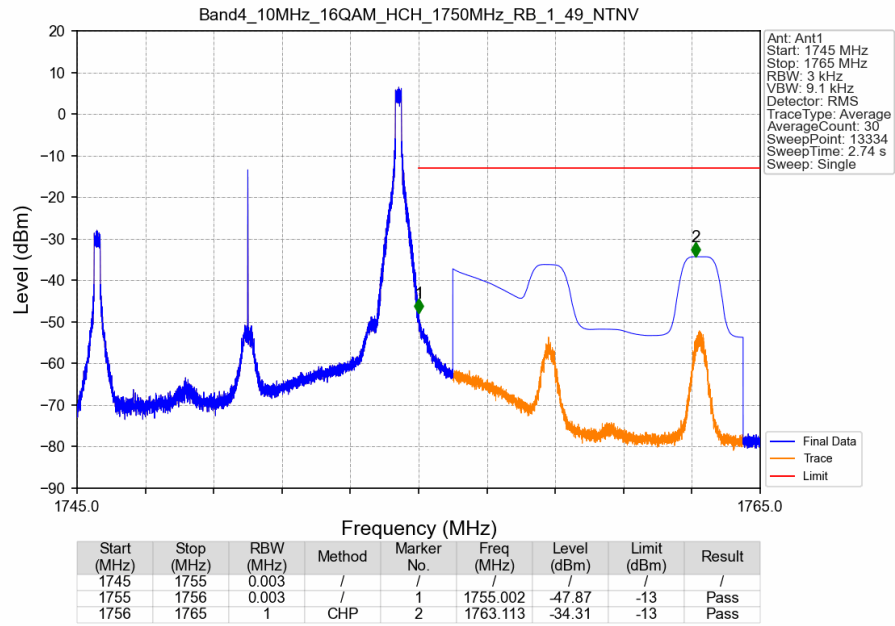
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTV



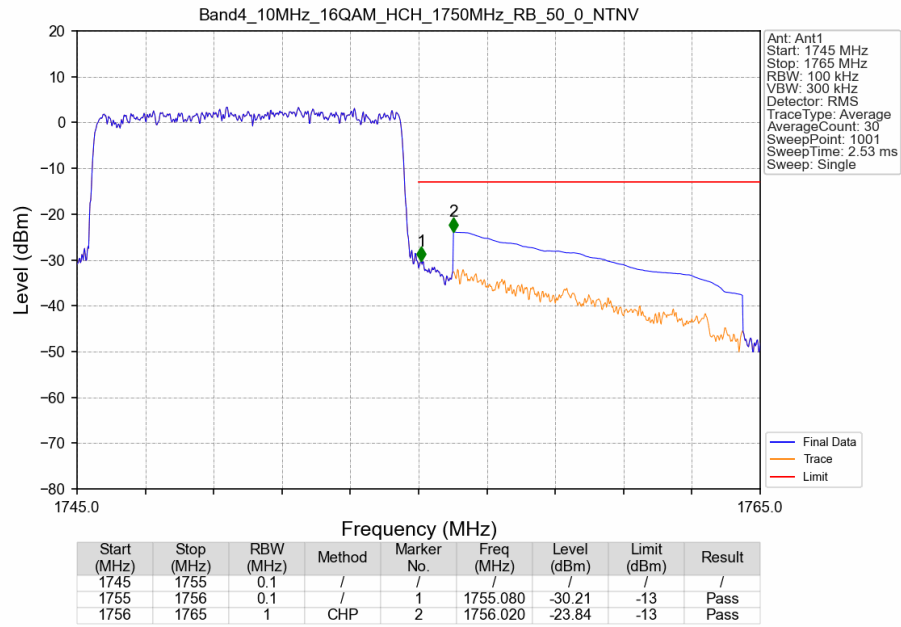
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTV



Band4 10MHz 16QAM HCH 1750MHz RB 1 49 NTNV



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

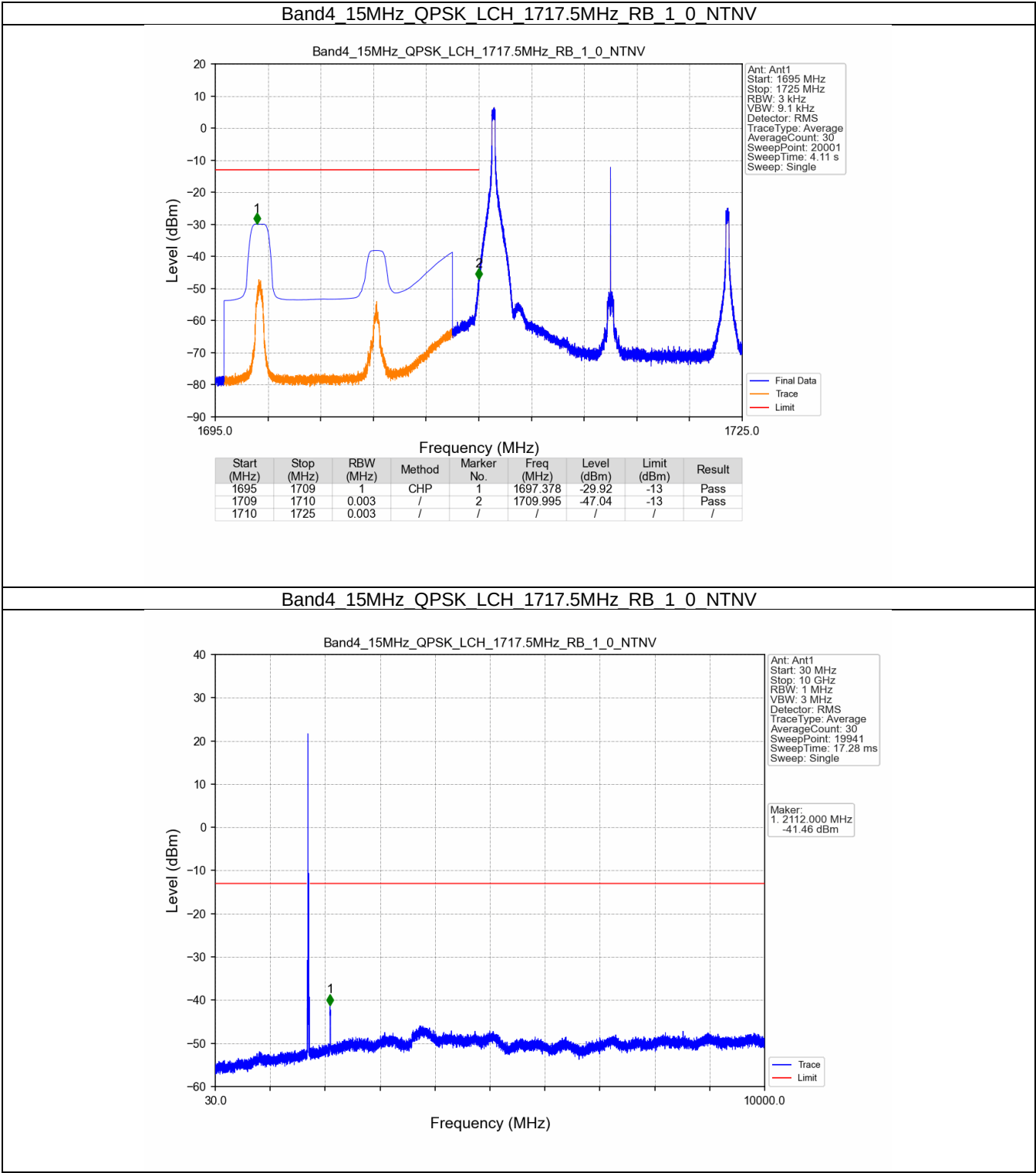


3.5 B4_15MHz

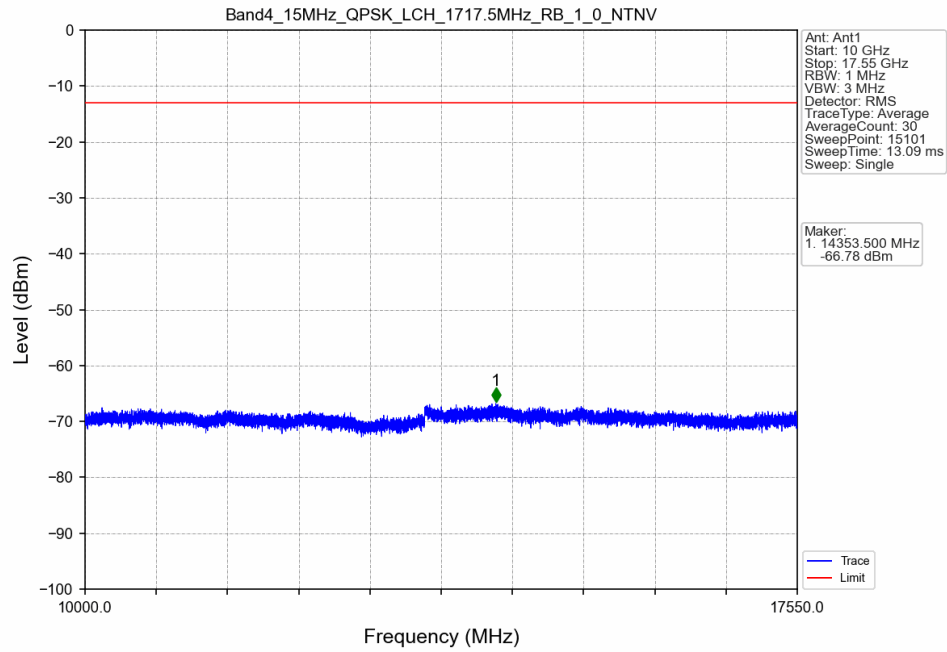
3.5.1 Test Result

Band: 4 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

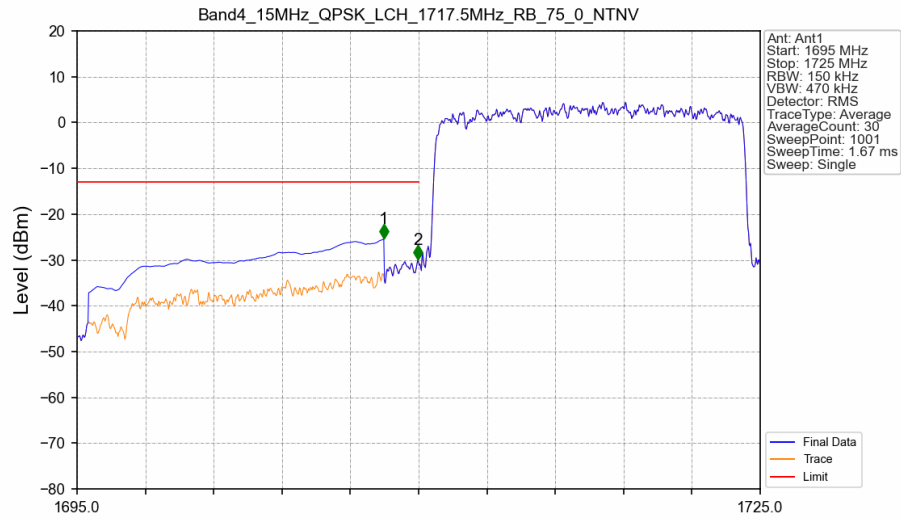
3.5.2 Test Graph



Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTV

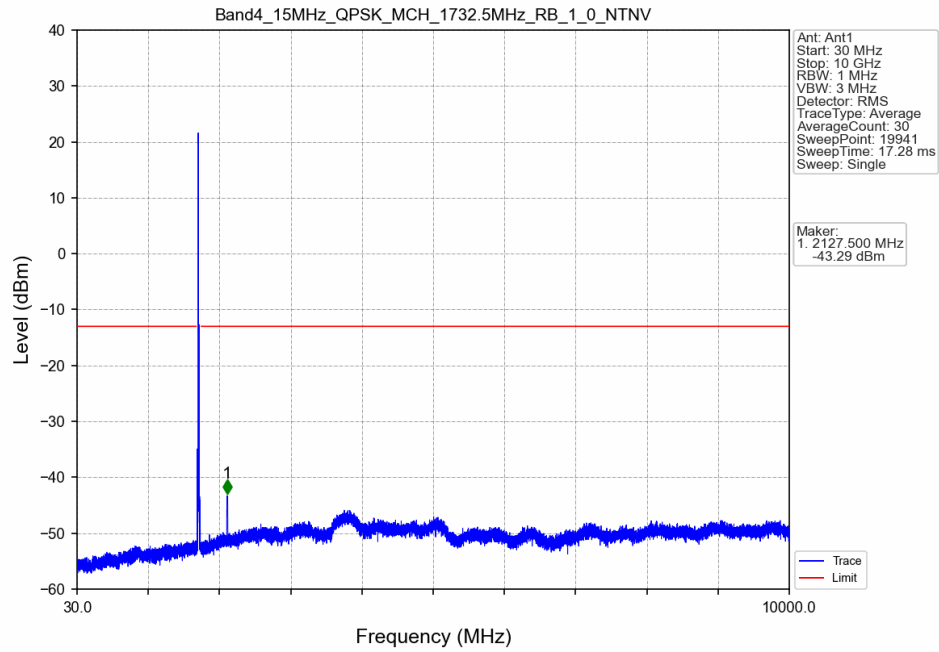


Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV

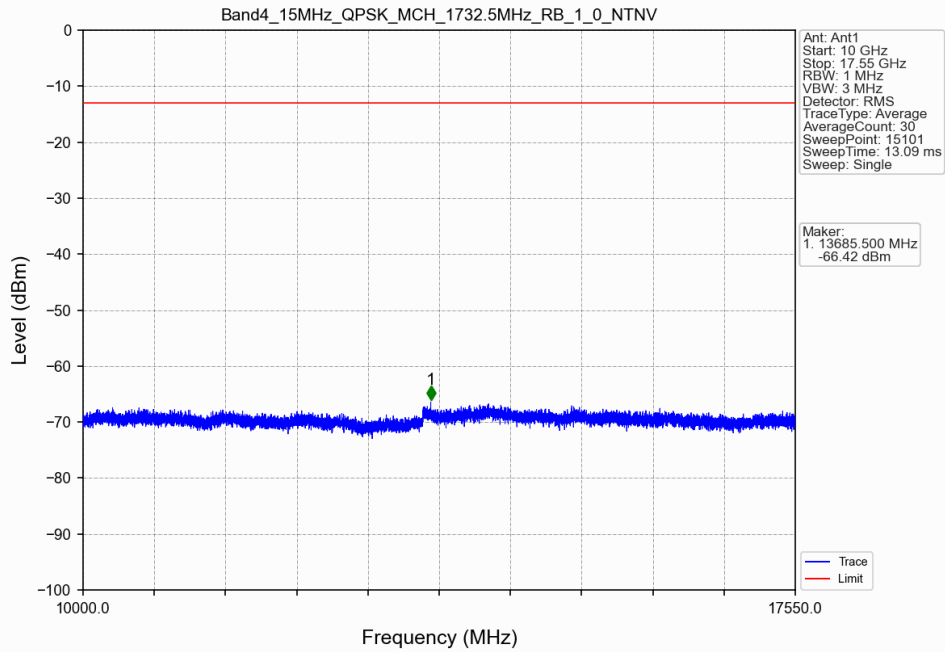


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.470	-25.36	-13	Pass
1709	1710	0.15	/	2	1709.970	-29.95	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

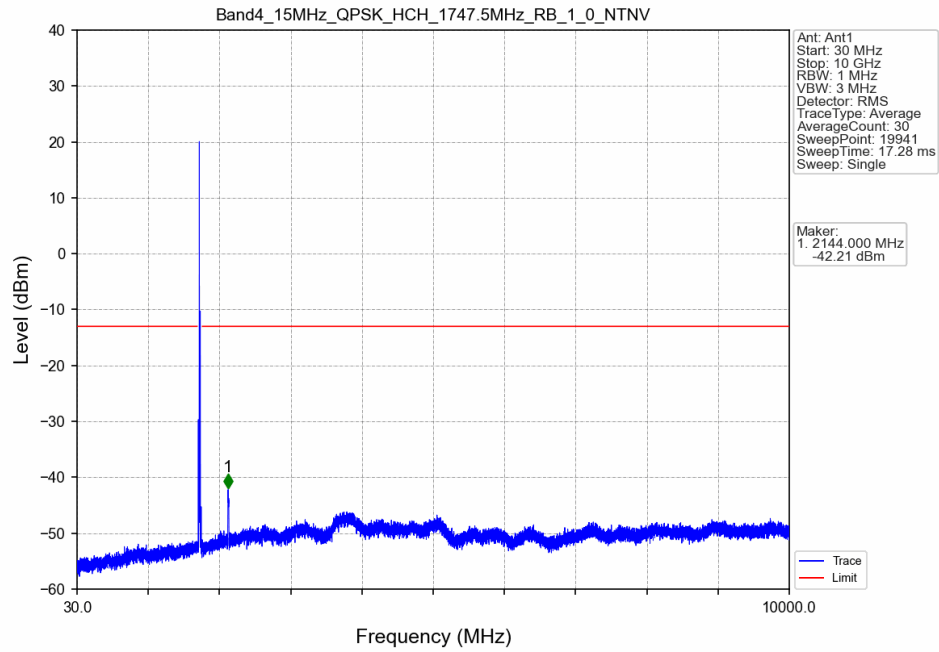
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTN



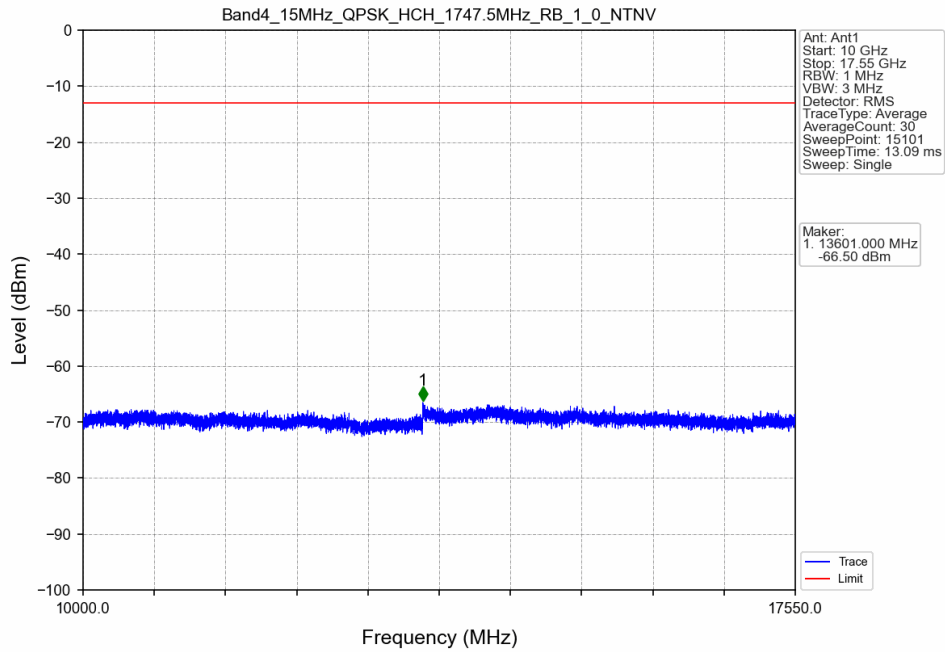
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTN



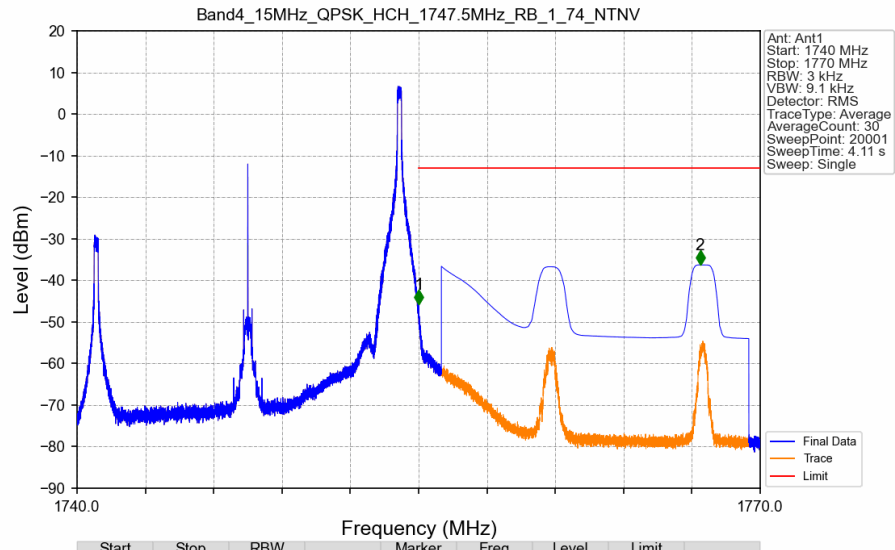
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTN



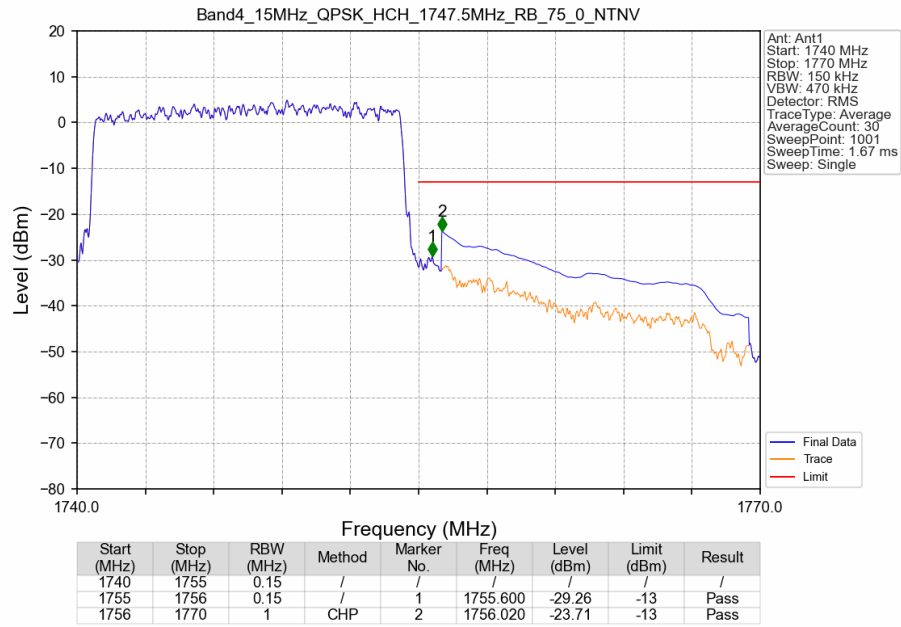
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTN



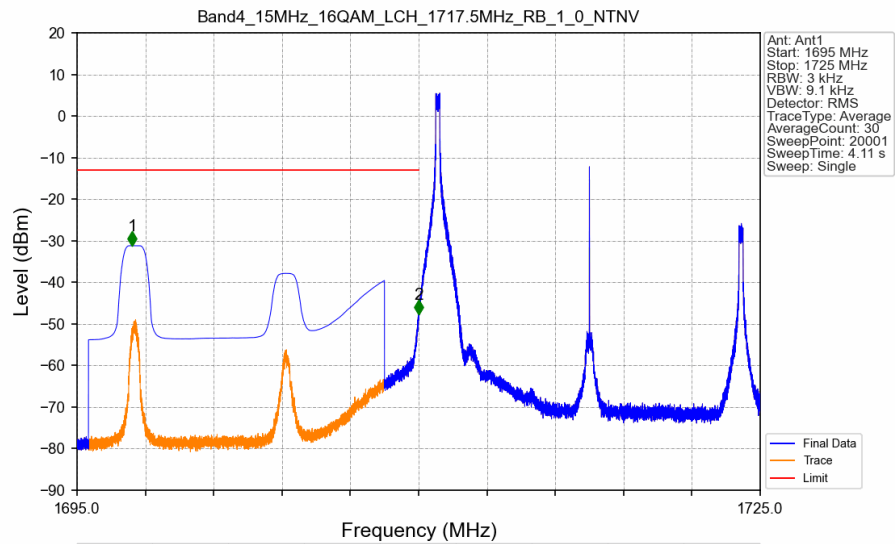
Band4 15MHz QPSK HCH 1747.5MHz RB 1 74 NTNV



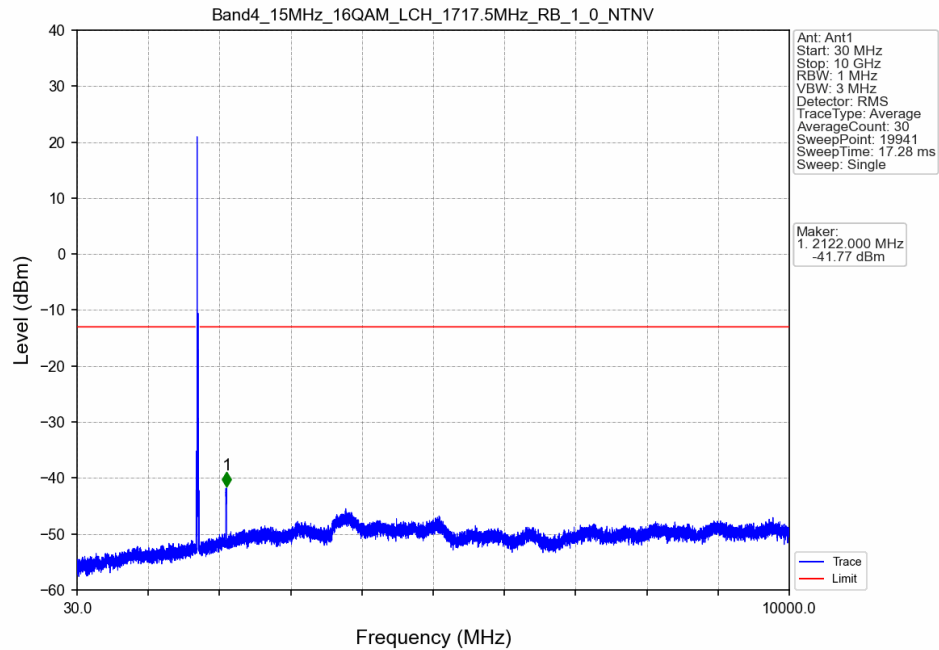
Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTNV



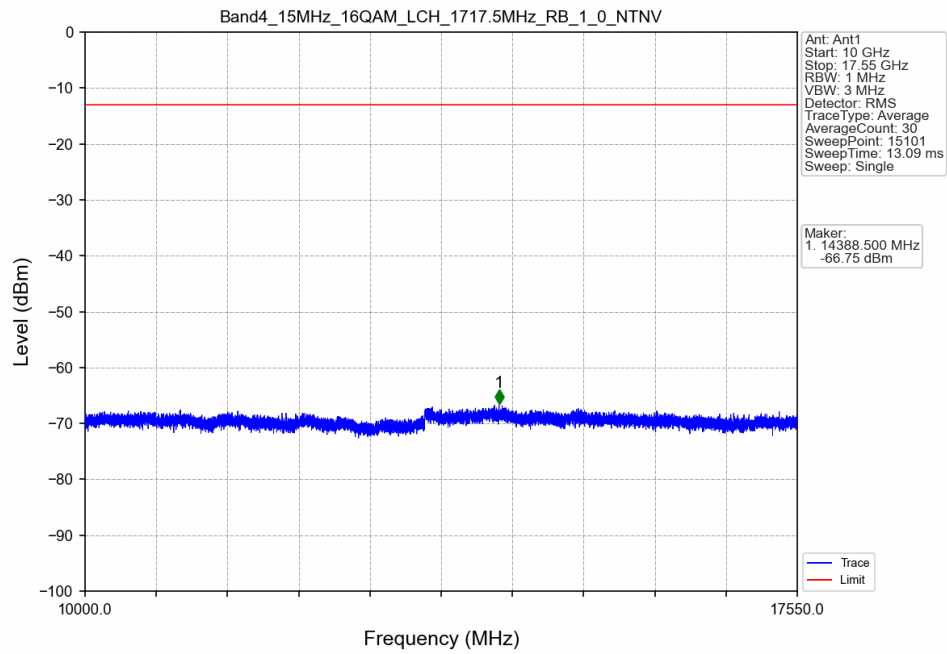
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



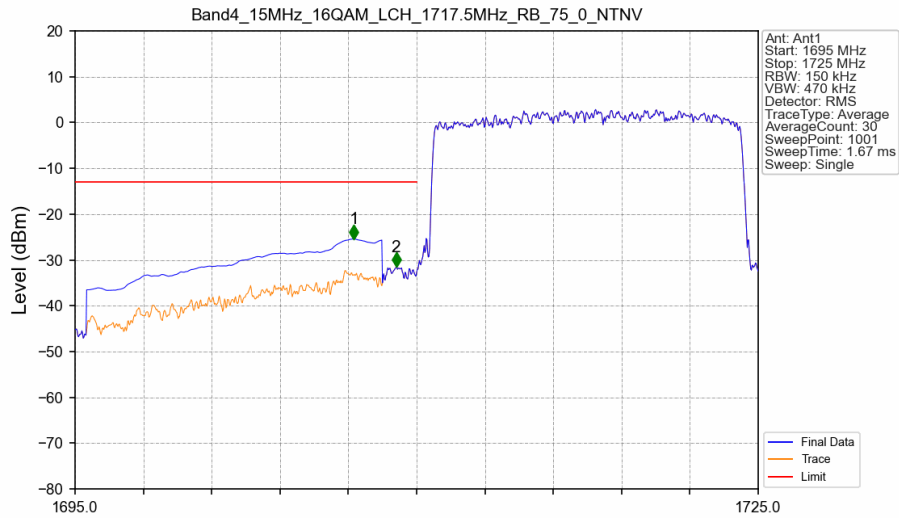
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

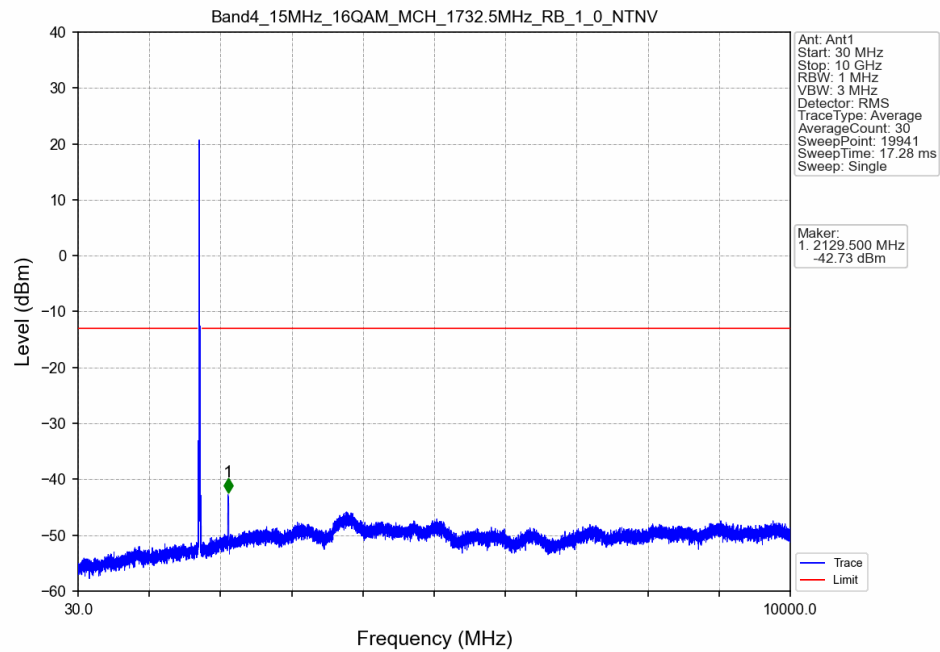


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

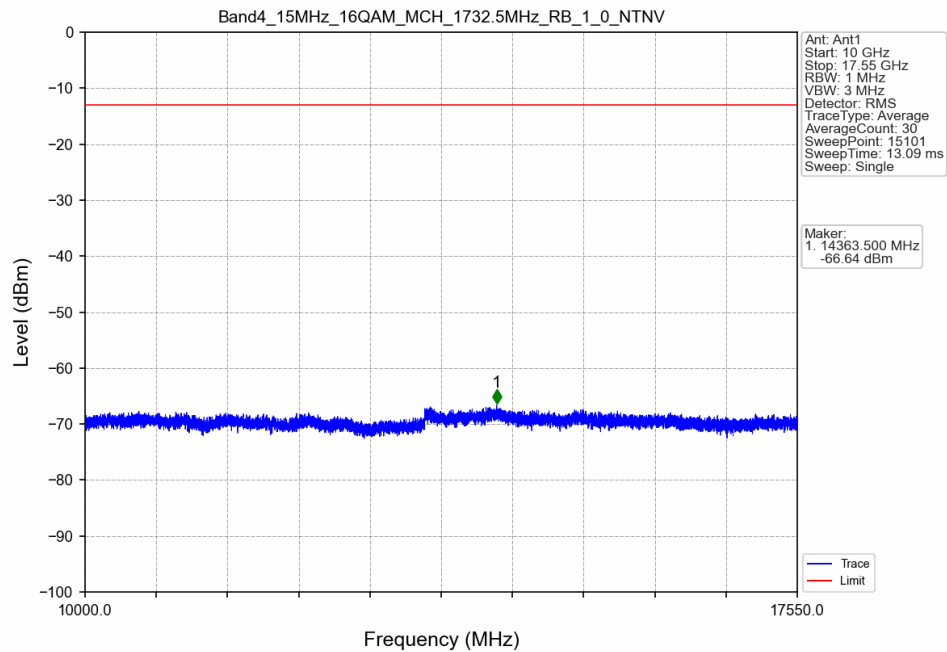


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.240	-25.41	-13	Pass
1709	1710	0.15	/	2	1709.100	-31.52	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

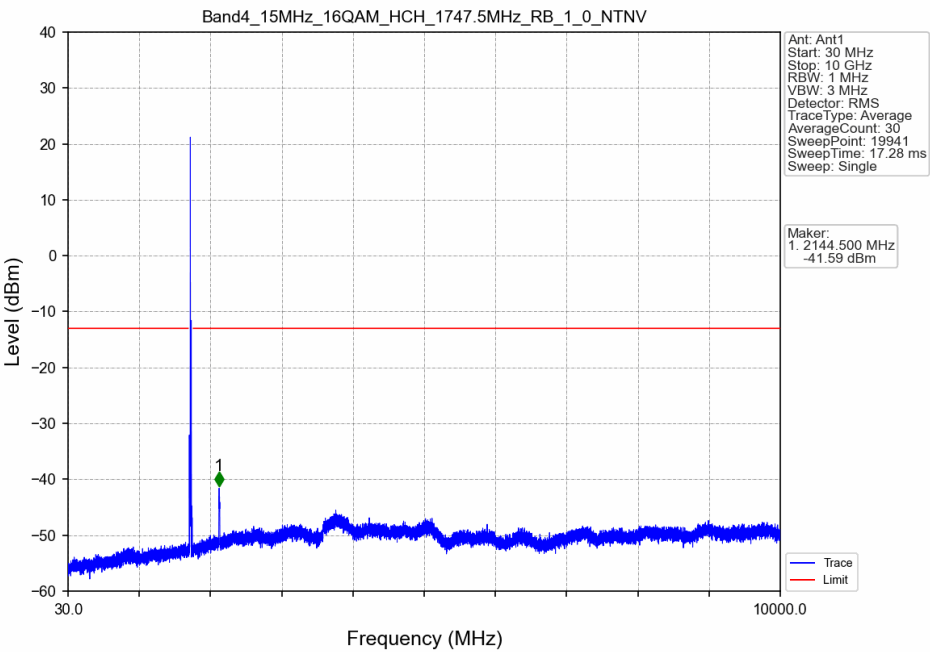
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



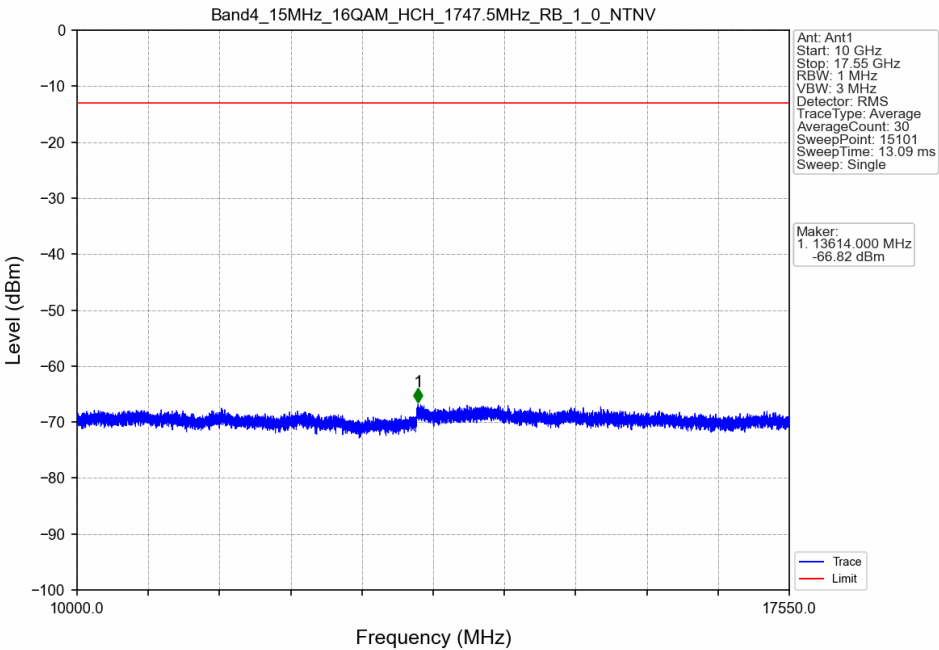
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



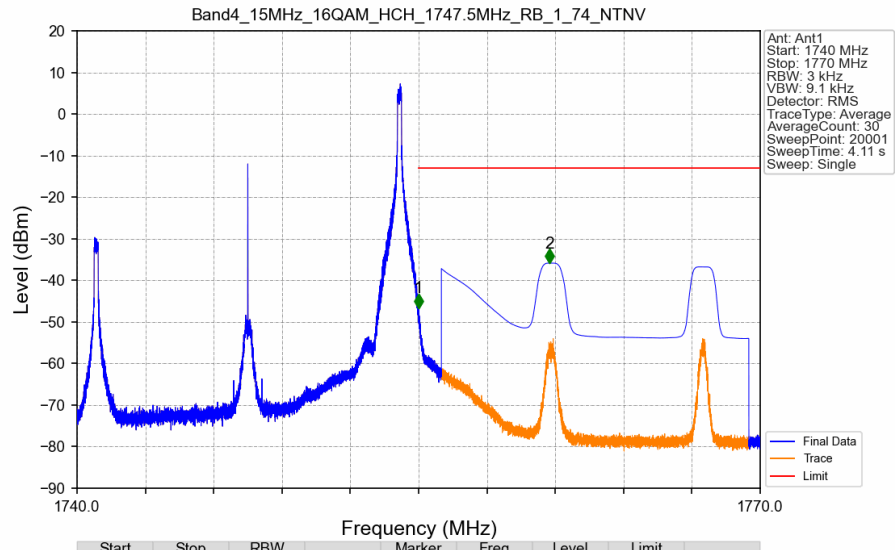
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



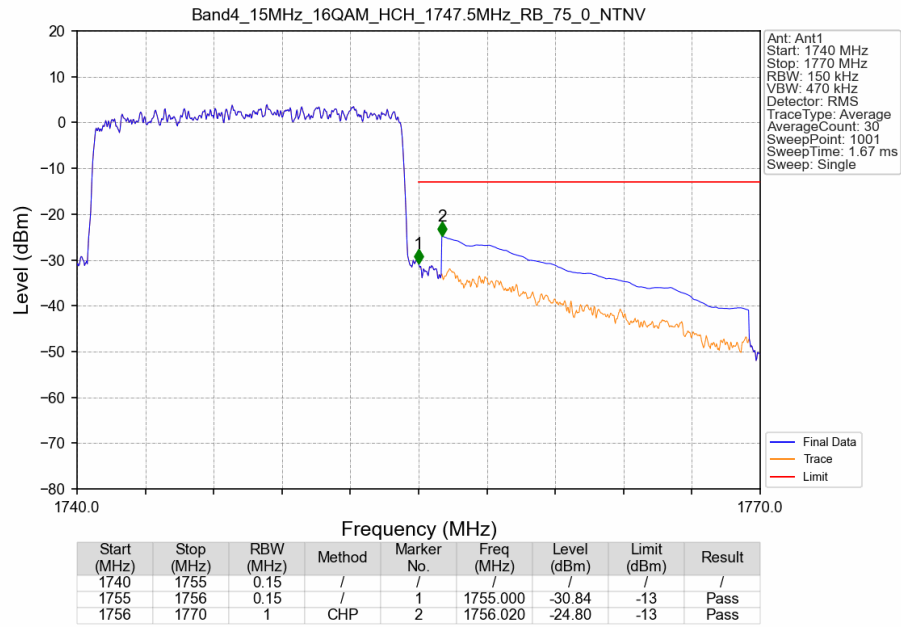
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



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



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

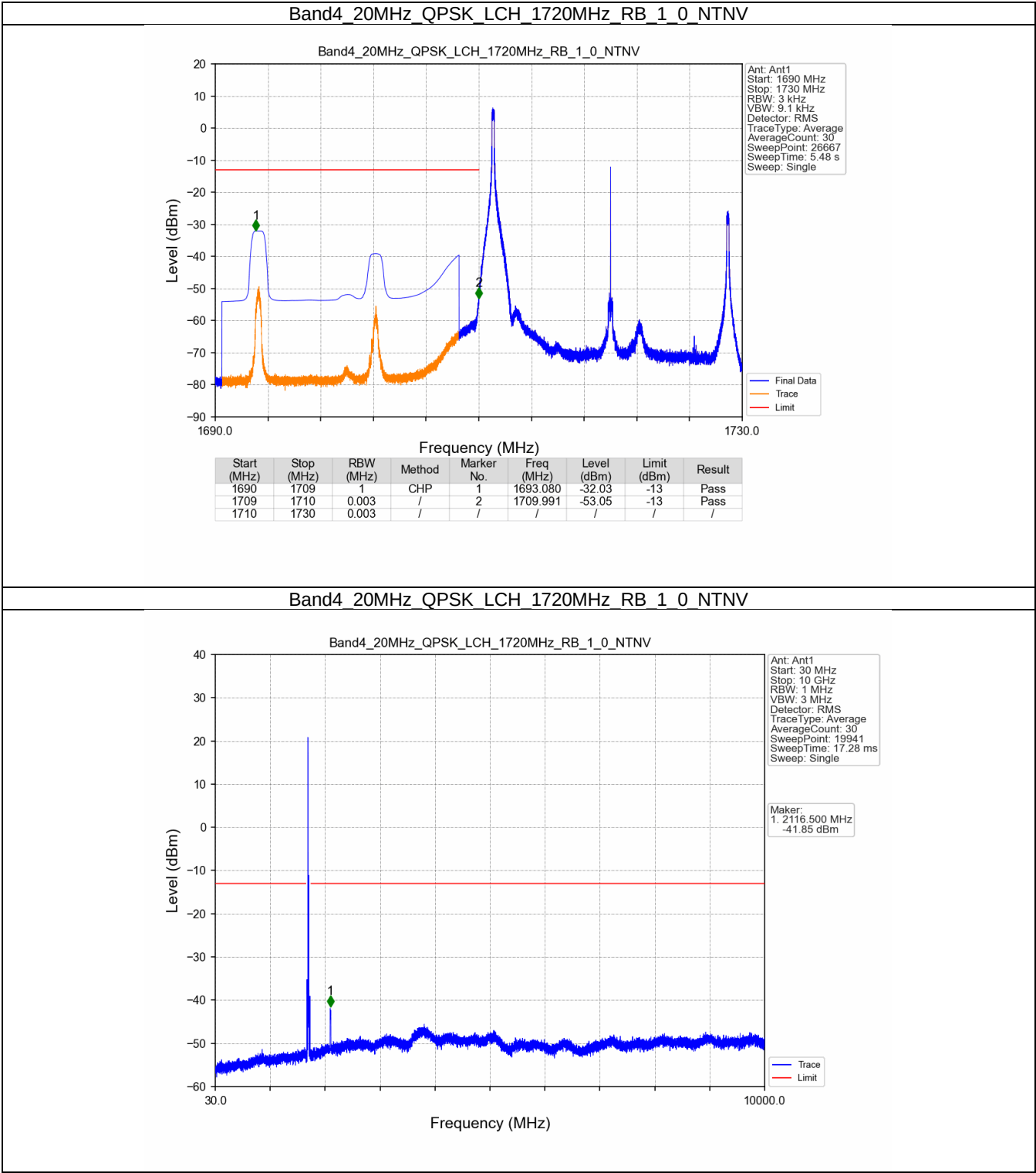


3.6 B4_20MHz

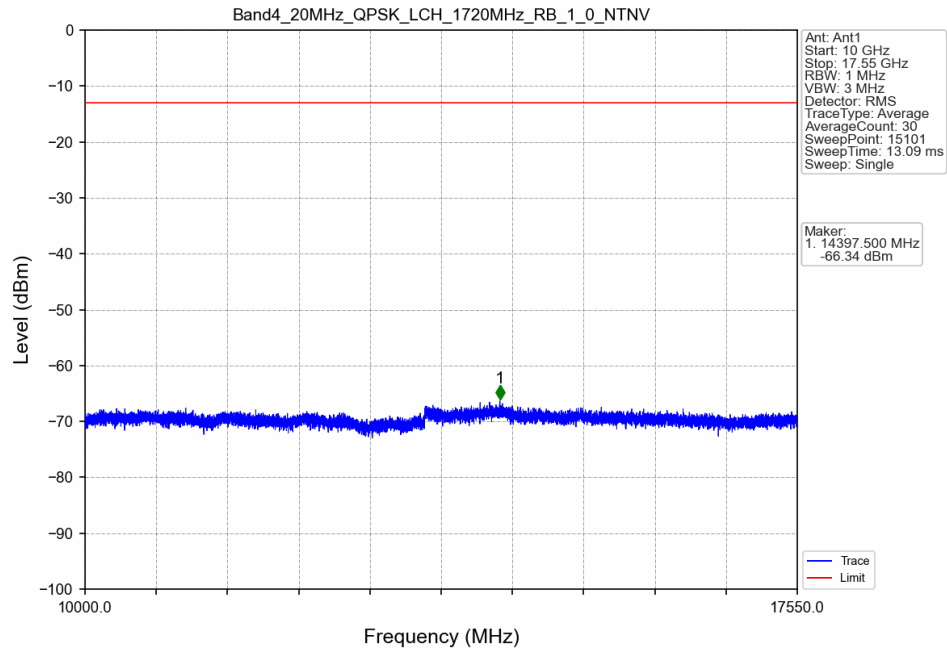
3.6.1 Test Result

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

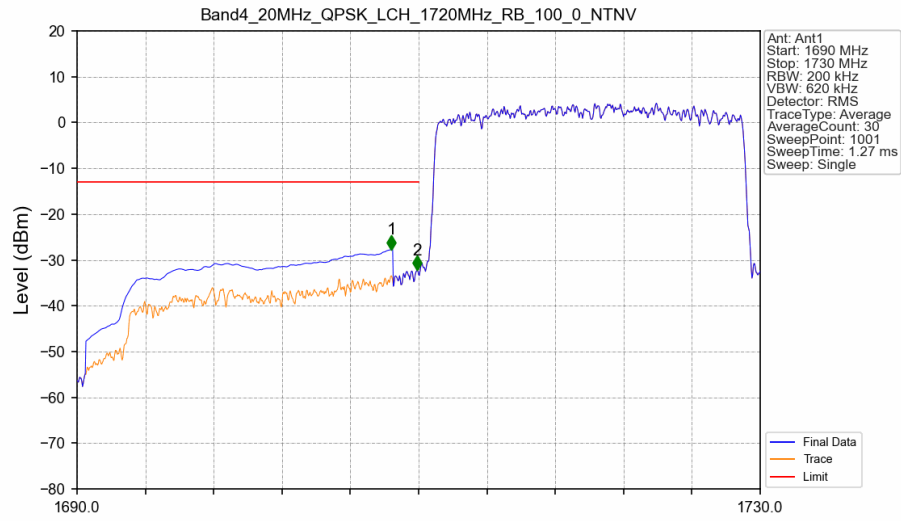
3.6.2 Test Graph



Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN

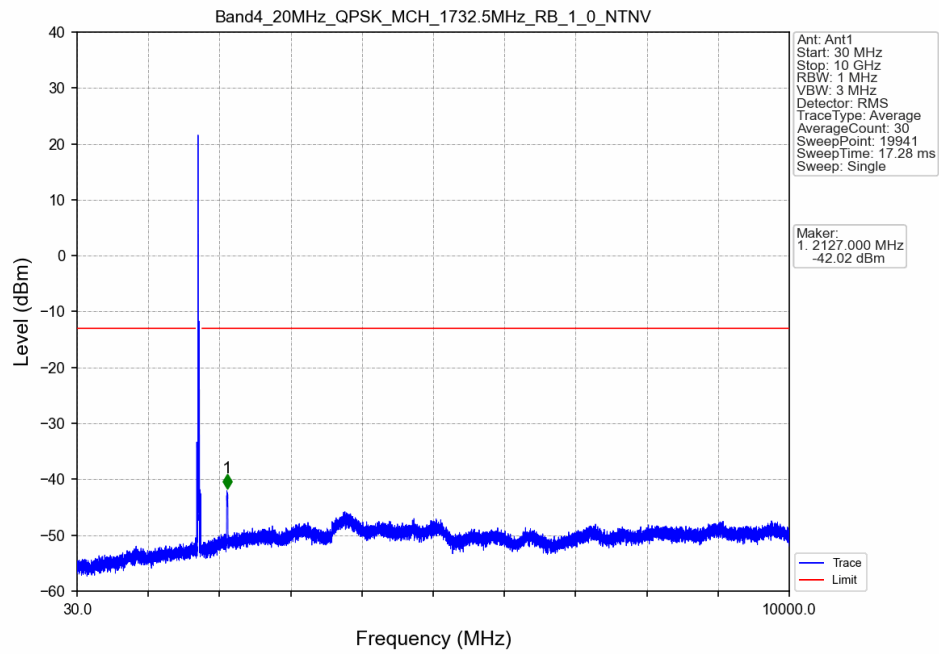


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

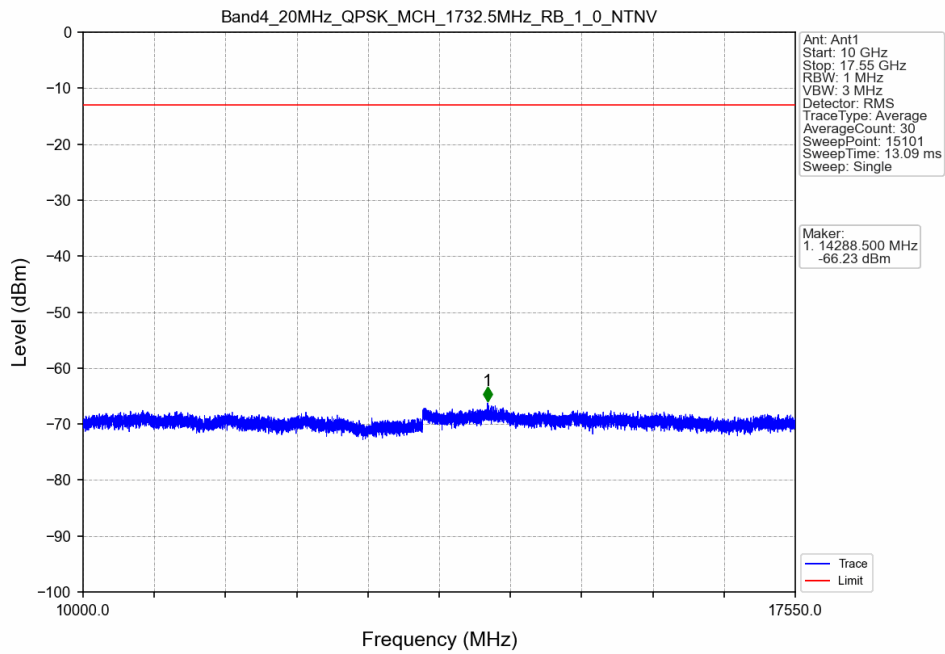


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.400	-27.70	-13	Pass
1709	1710	0.2	/	2	1709.920	-32.25	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

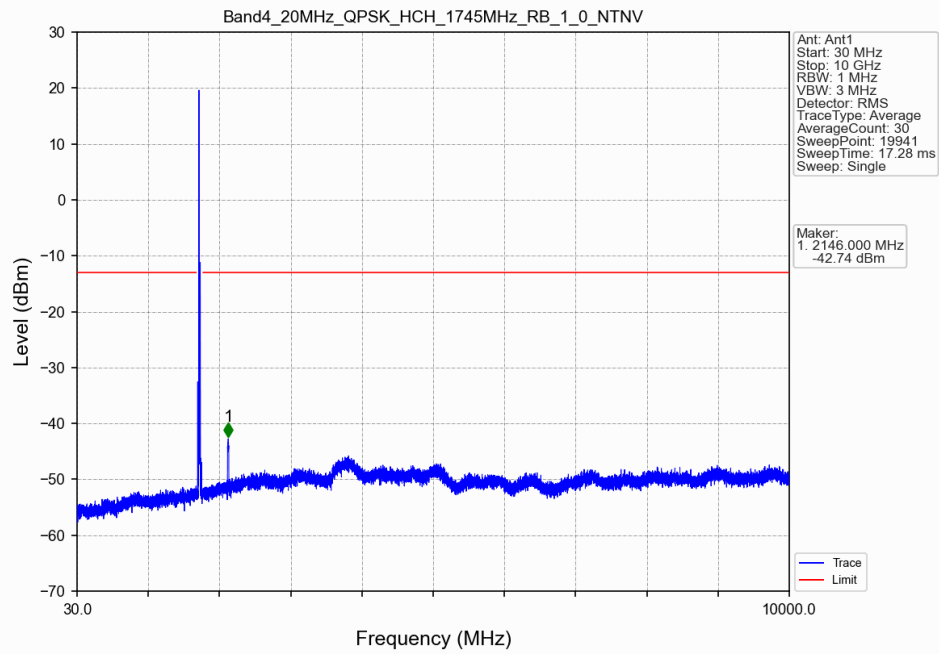
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



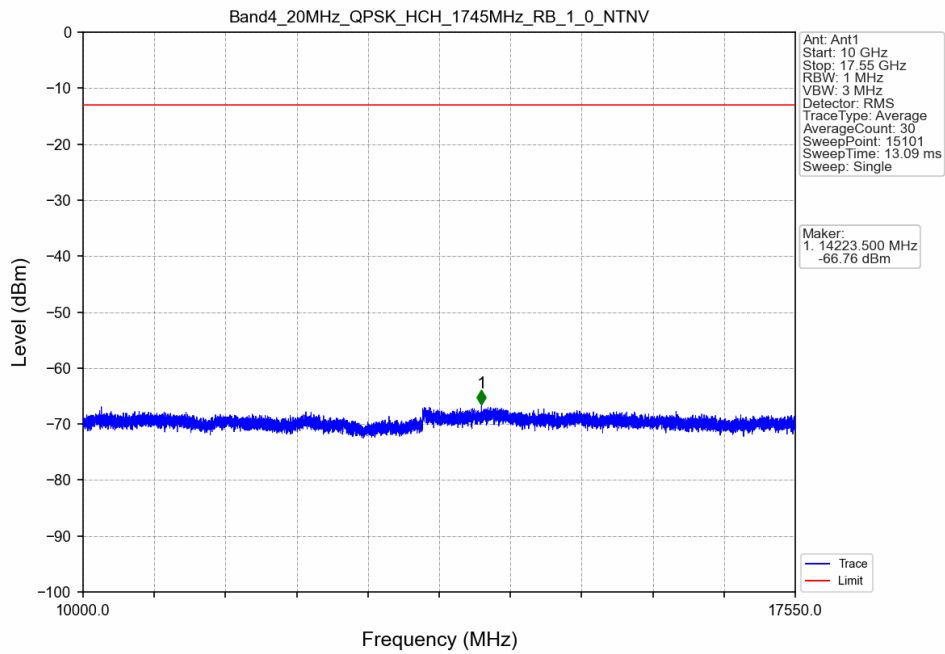
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



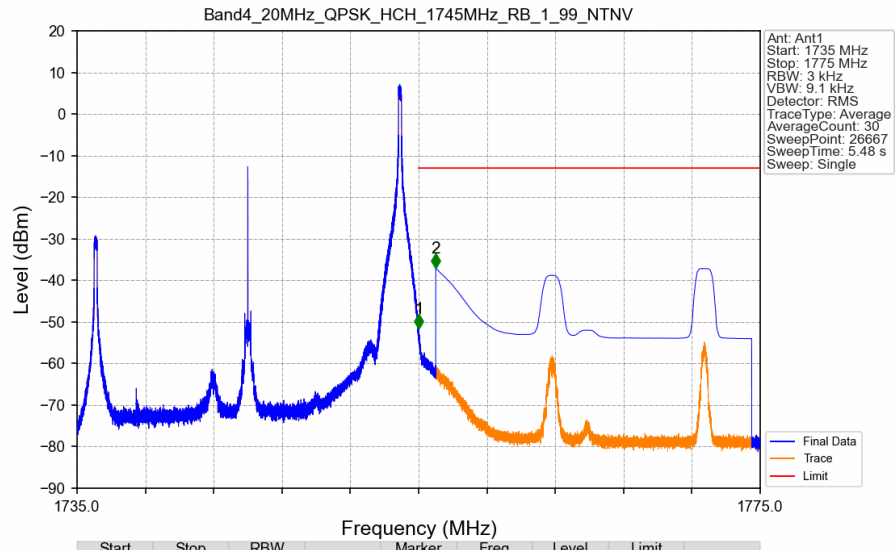
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTNV



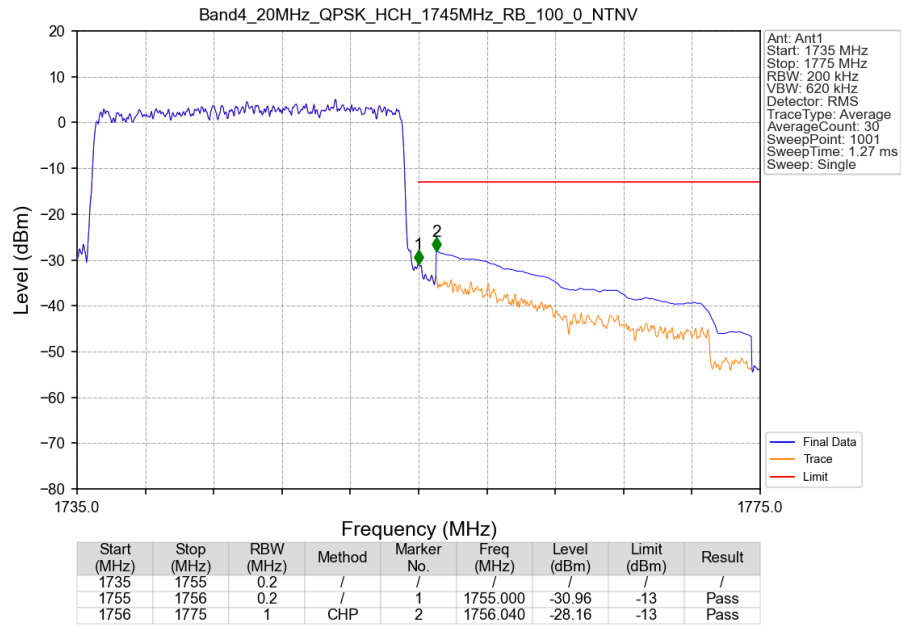
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTNV



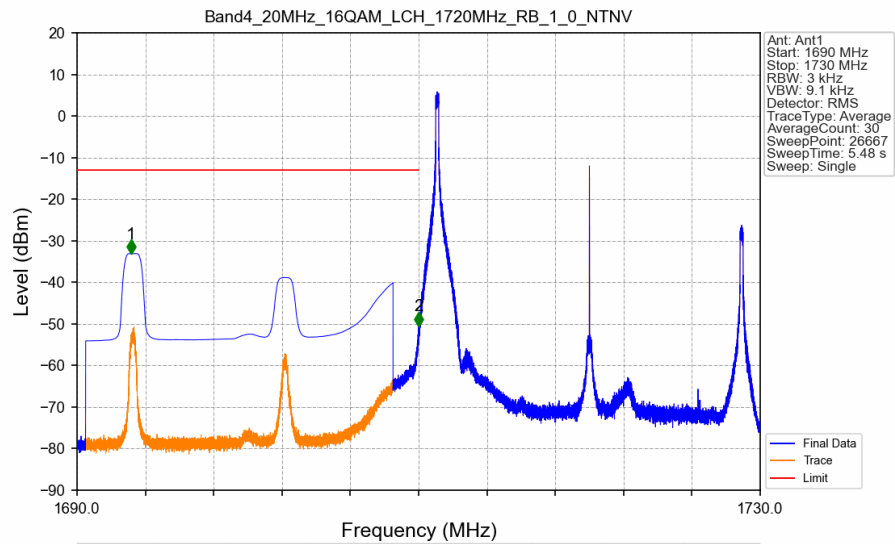
Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTNV



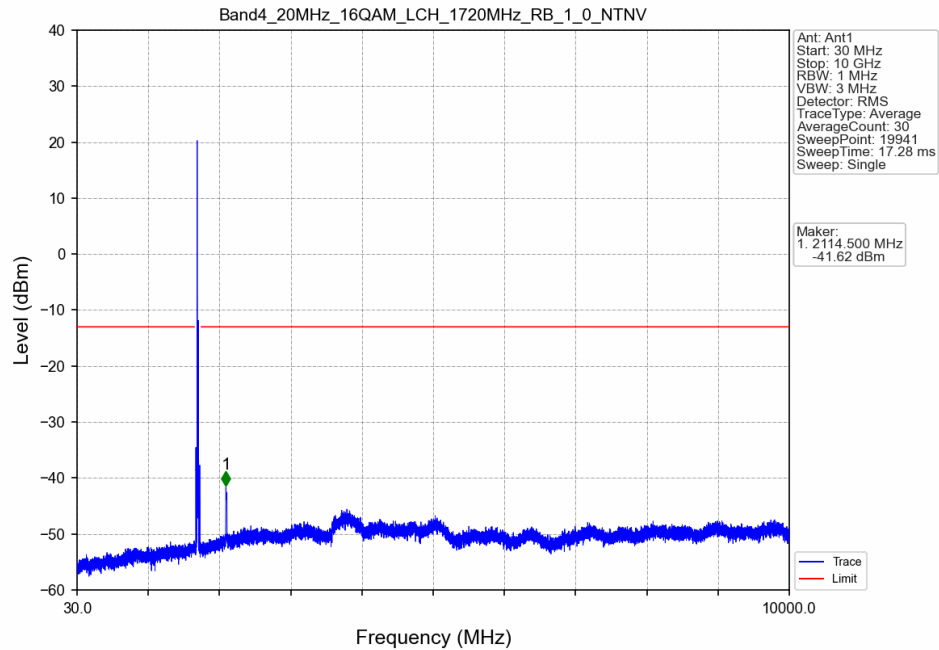
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



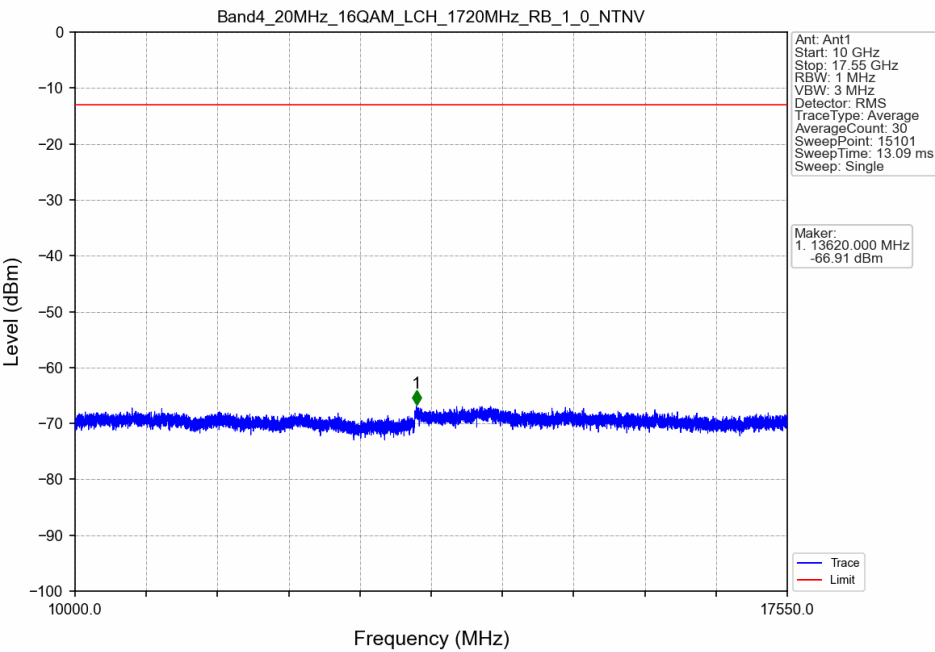
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



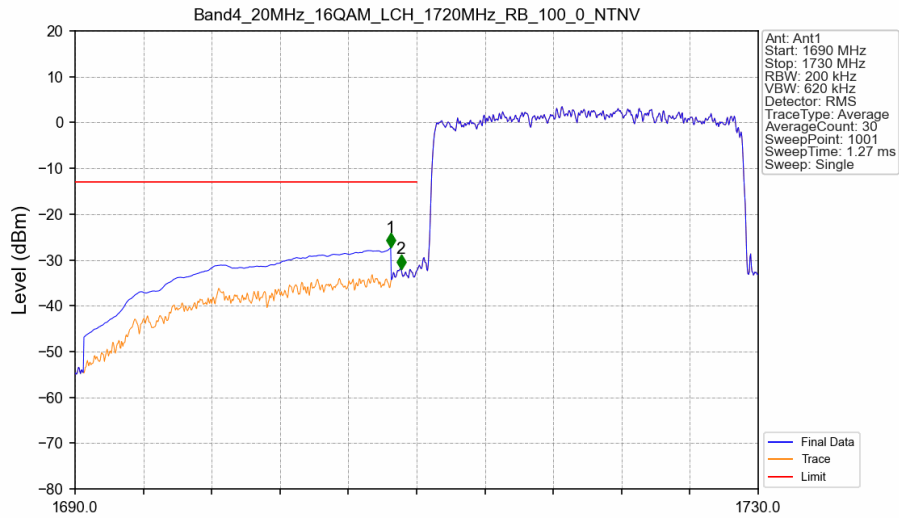
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



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

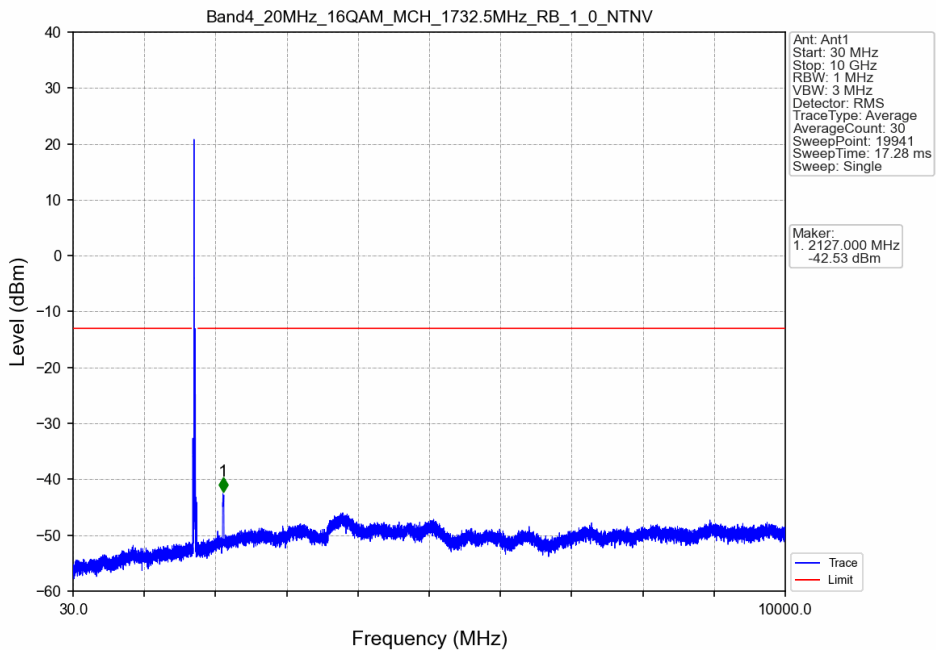


Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV

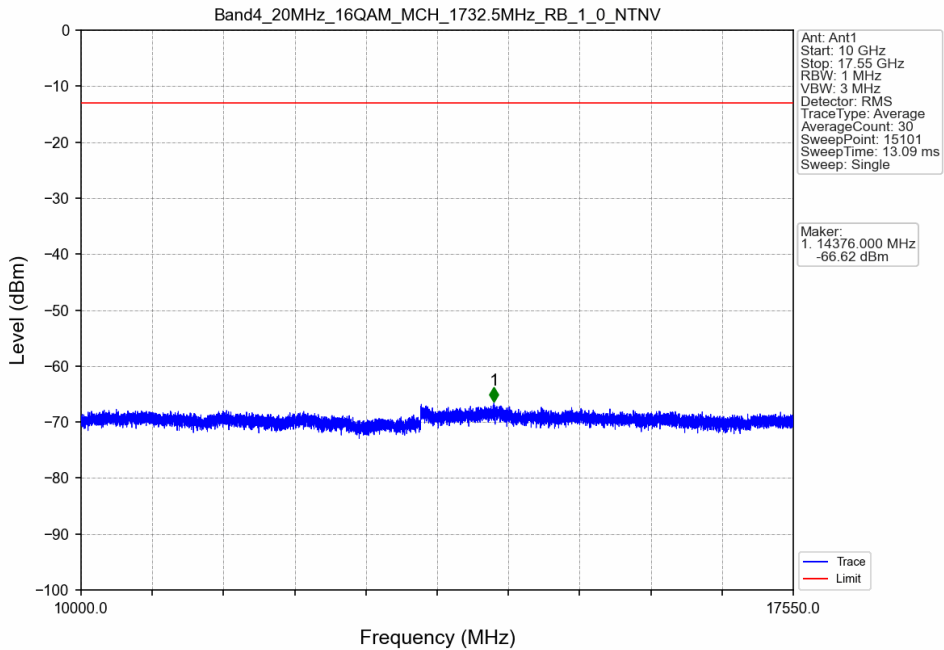


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-27.33	-13	Pass
1709	1710	0.2	/	2	1709.080	-31.94	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

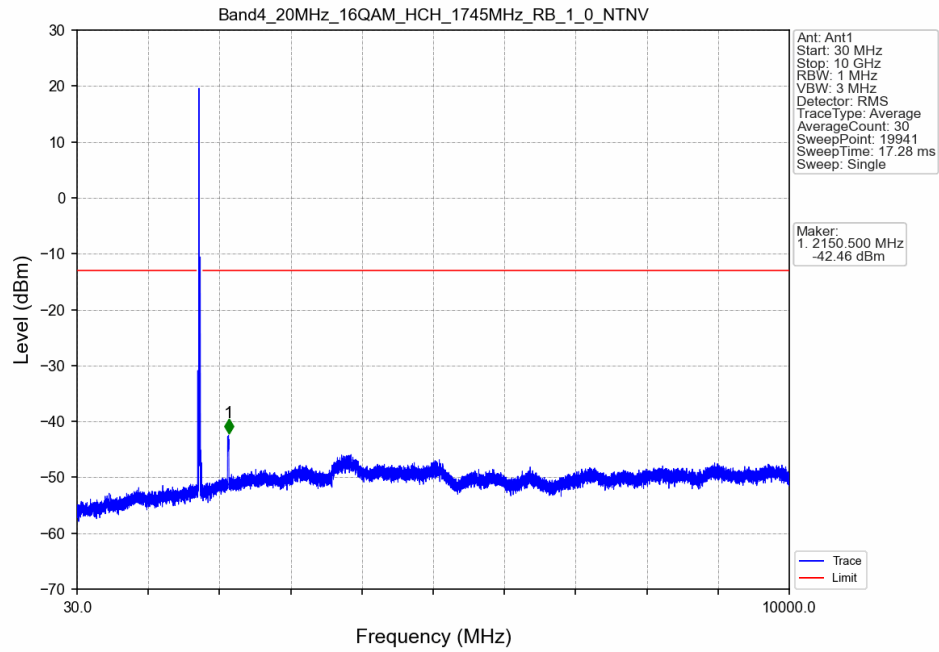
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



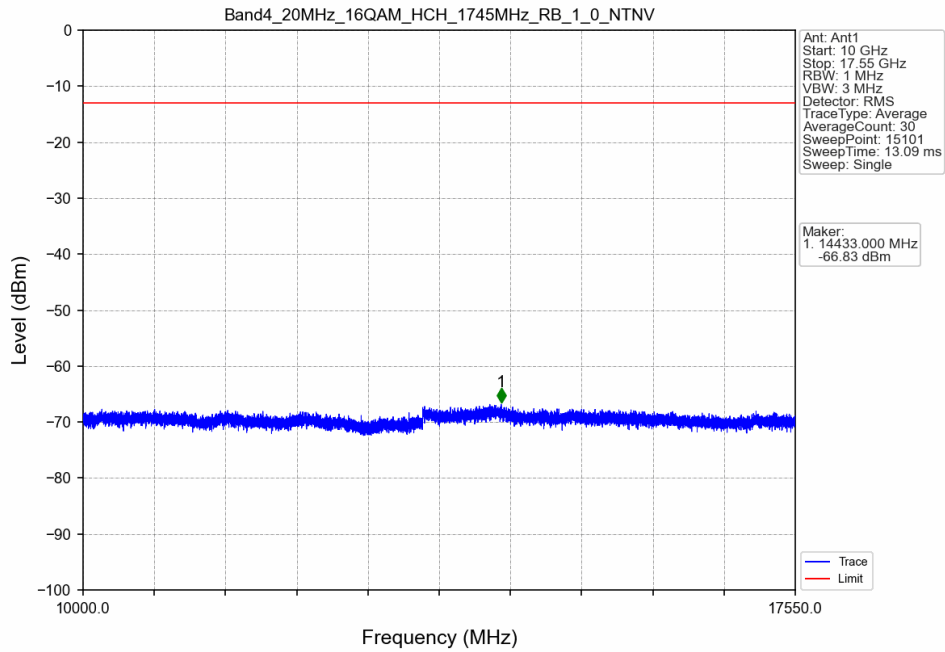
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



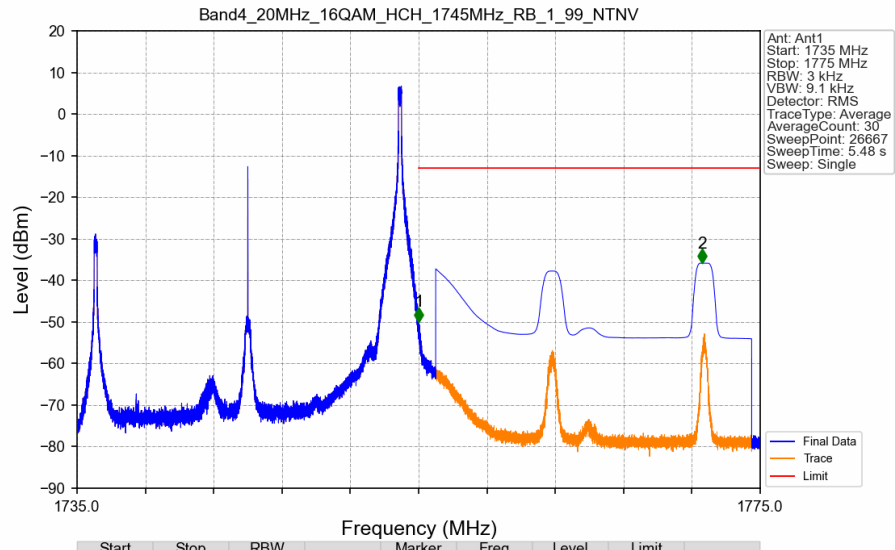
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTV



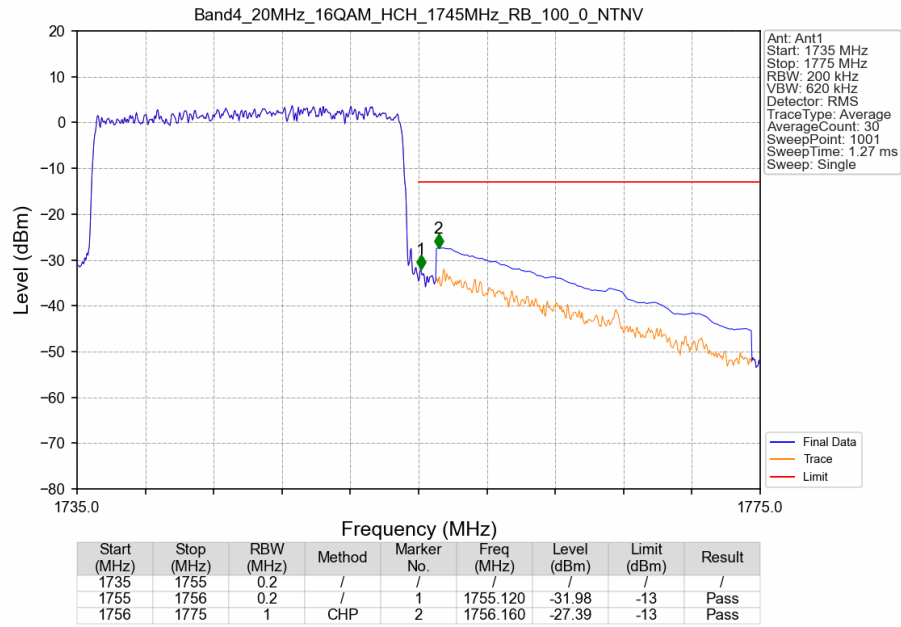
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTV



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



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



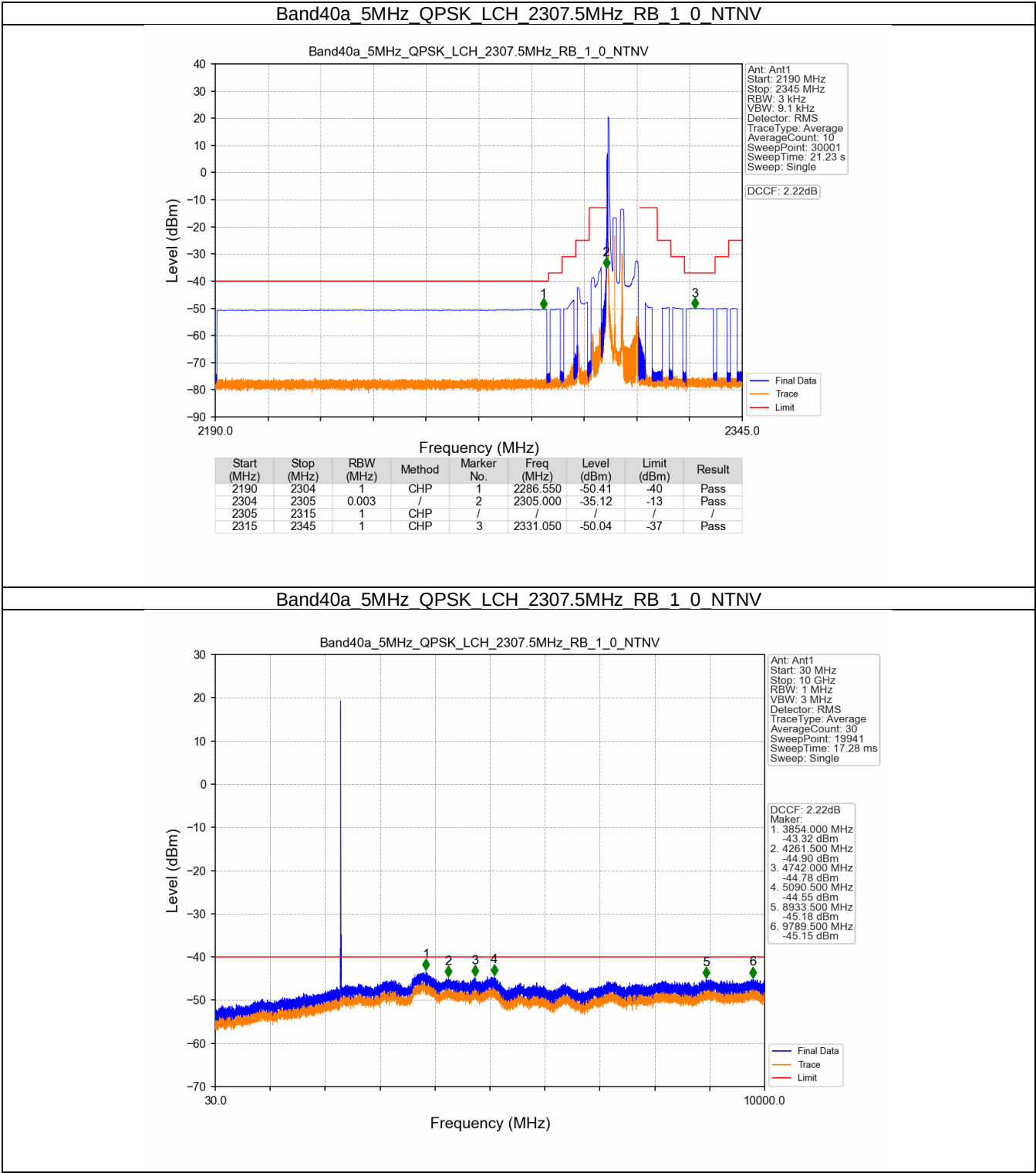
4. Spurious Emission

4.1 B40a_5MHz

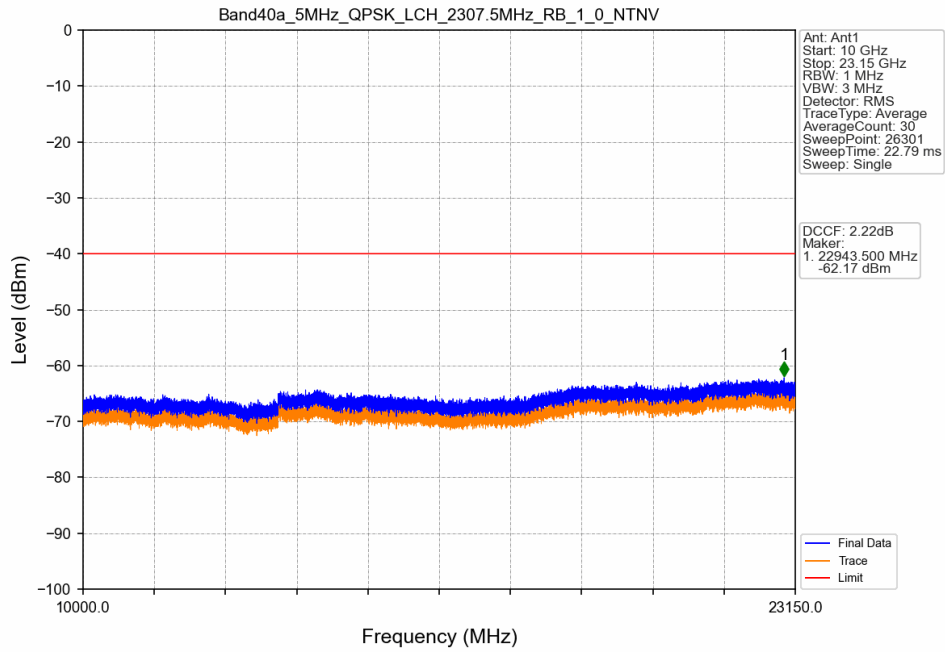
4.1.1 Test Result

Band: 40a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		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
		25	0	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

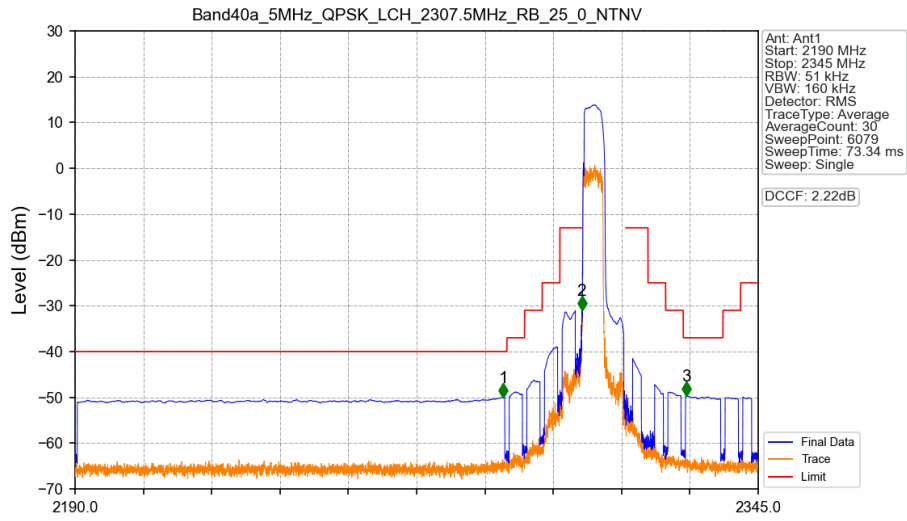
4.1.2 Test Graph



Band40a 5MHz QPSK LCH 2307.5MHz RB 1 0 NTV

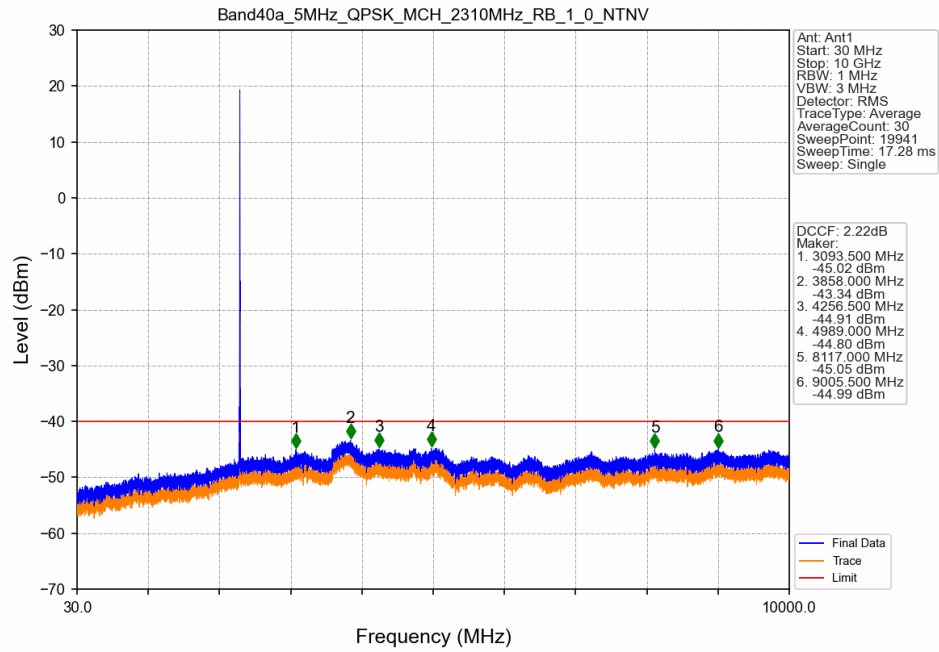


Band40a 5MHz QPSK LCH 2307.5MHz RB 25 0 NTV

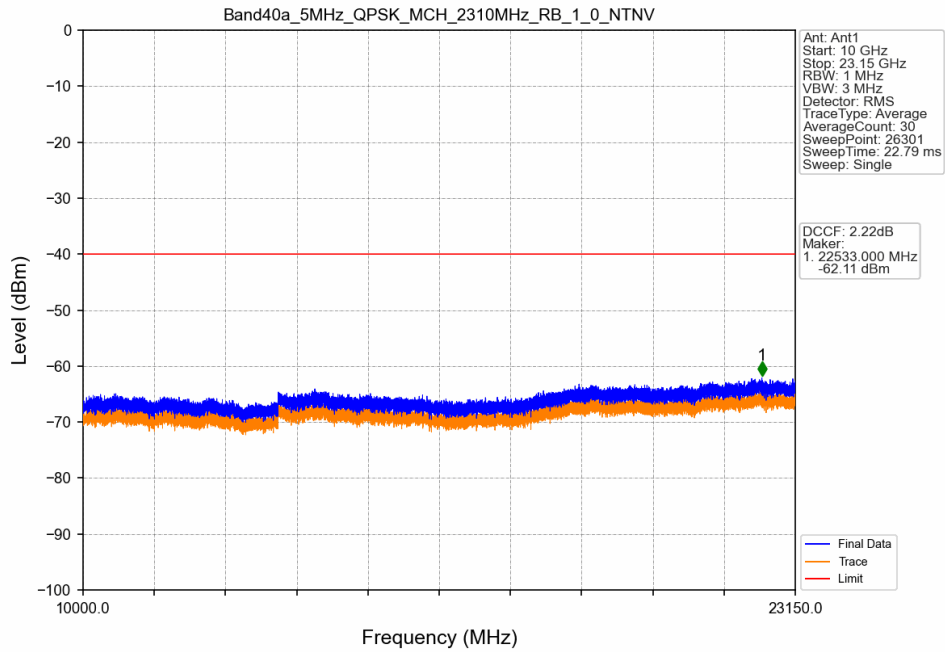


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2287.162	-50.03	-40	Pass
2304	2305	0.051	/	2	2304.988	-31.07	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2328.704	-49.71	-37	Pass

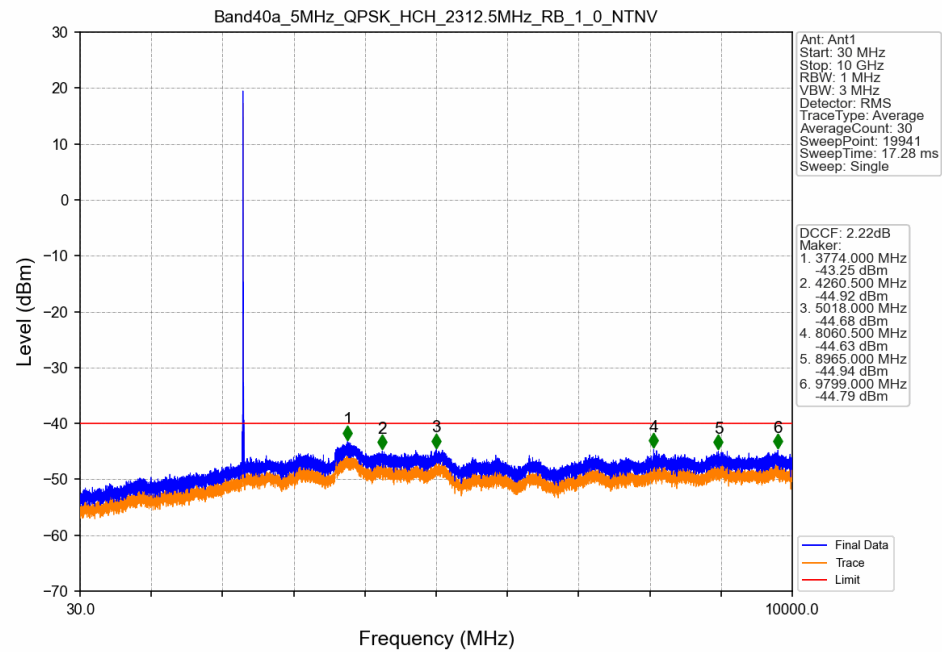
Band40a 5MHz QPSK MCH 2310MHz RB 1 0 NTV



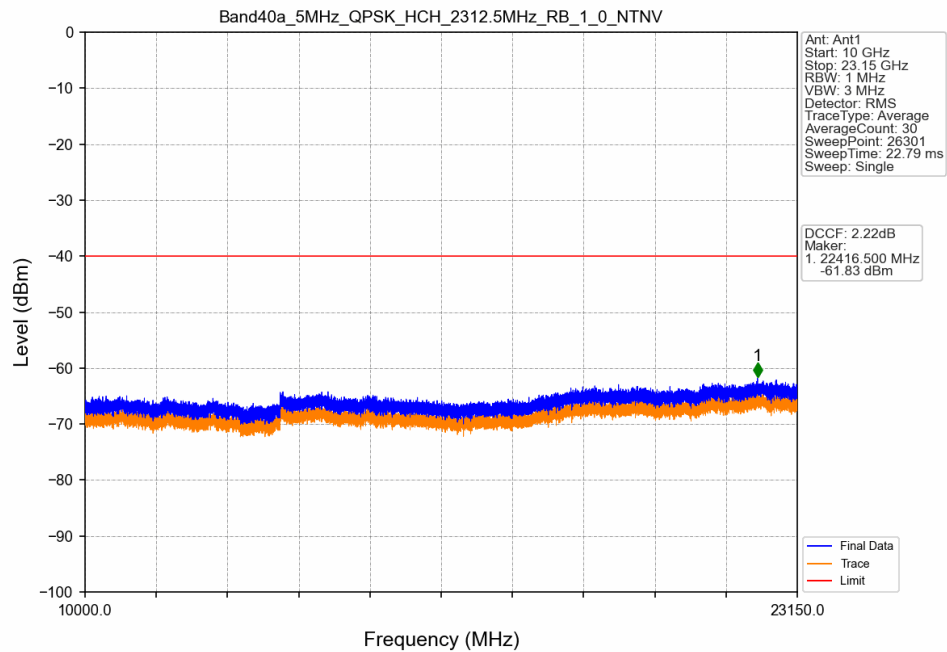
Band40a 5MHz QPSK MCH 2310MHz RB 1 0 NTV



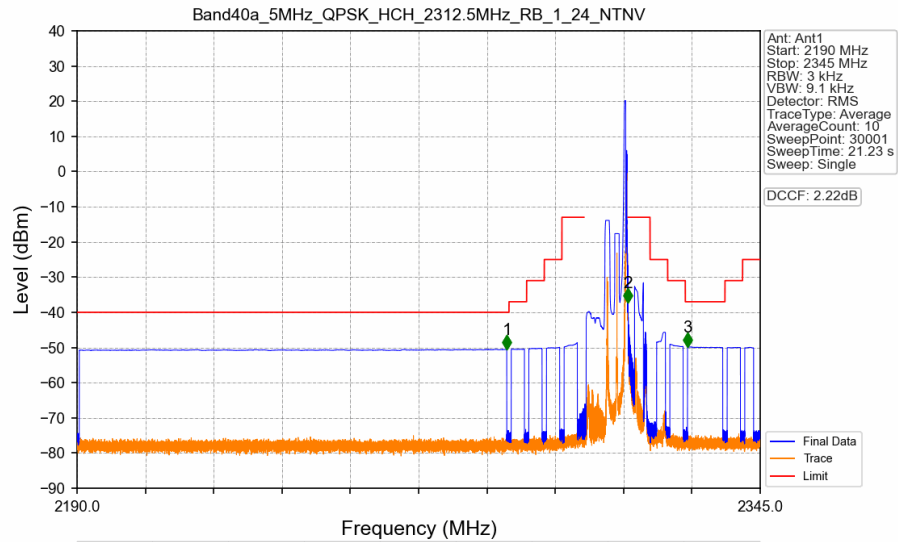
Band40a 5MHz QPSK HCH 2312.5MHz RB 1 0 NTV



Band40a 5MHz QPSK HCH 2312.5MHz RB 1 0 NTV

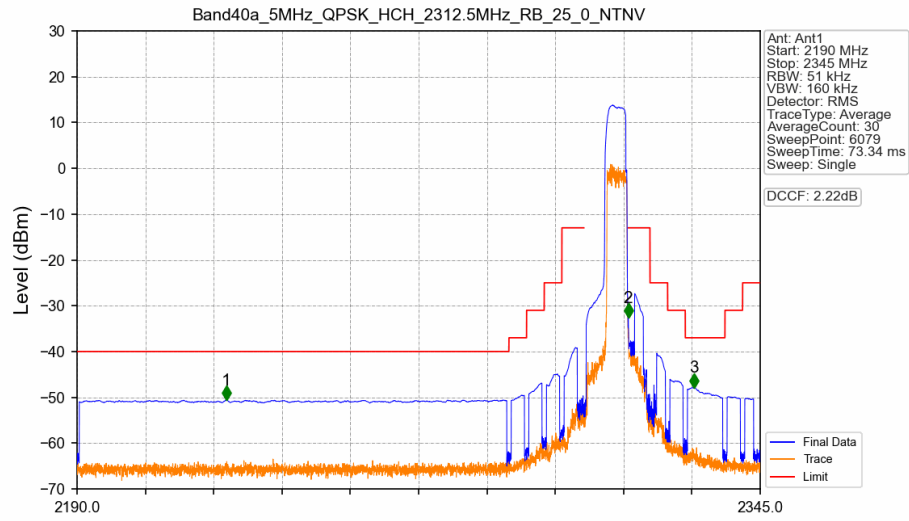


Band40a 5MHz QPSK HCH 2312.5MHz RB 1 24 NTN



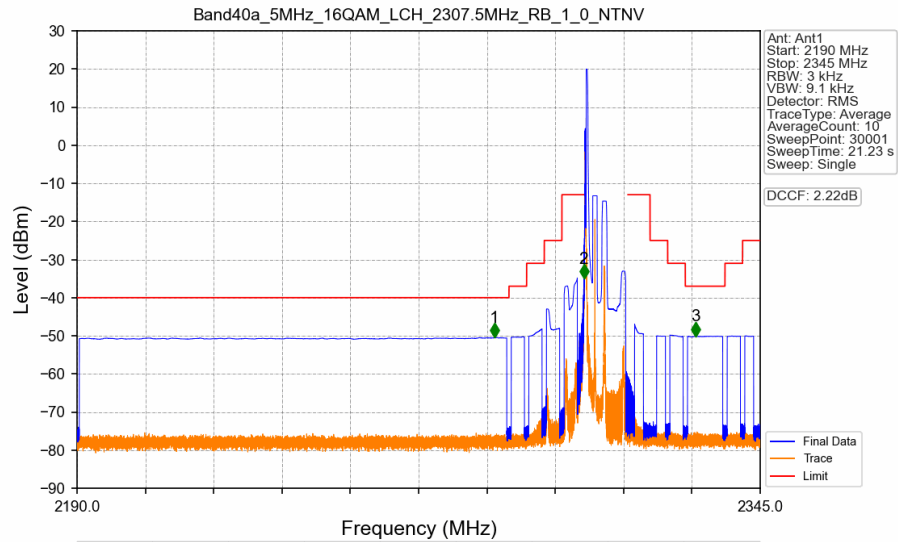
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2287.495	-50.51	-40	Pass
2305	2315	1	CHP	2	2315.002	-37.31	-13	Pass
2315	2316	0.003	CHP	3	2328.565	-49.82	-37	Pass

Band40a 5MHz QPSK HCH 2312.5MHz RB 25 0 NTN

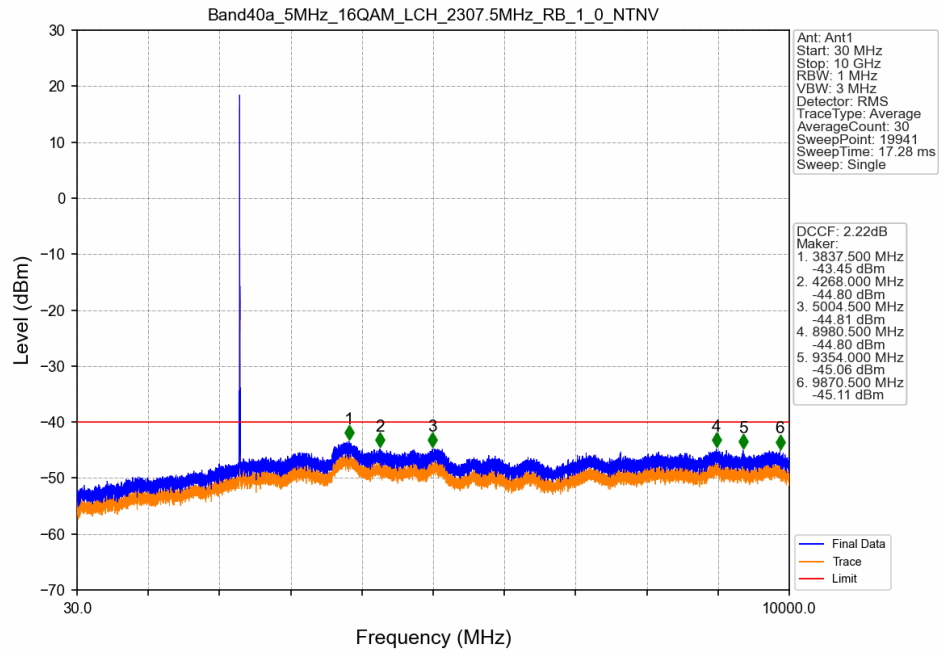


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2223.892	-50.57	-40	Pass
2305	2315	1	CHP	2	2315.061	-32.67	-13	Pass
2315	2316	0.051	CHP	3	2330.056	-47.87	-37	Pass

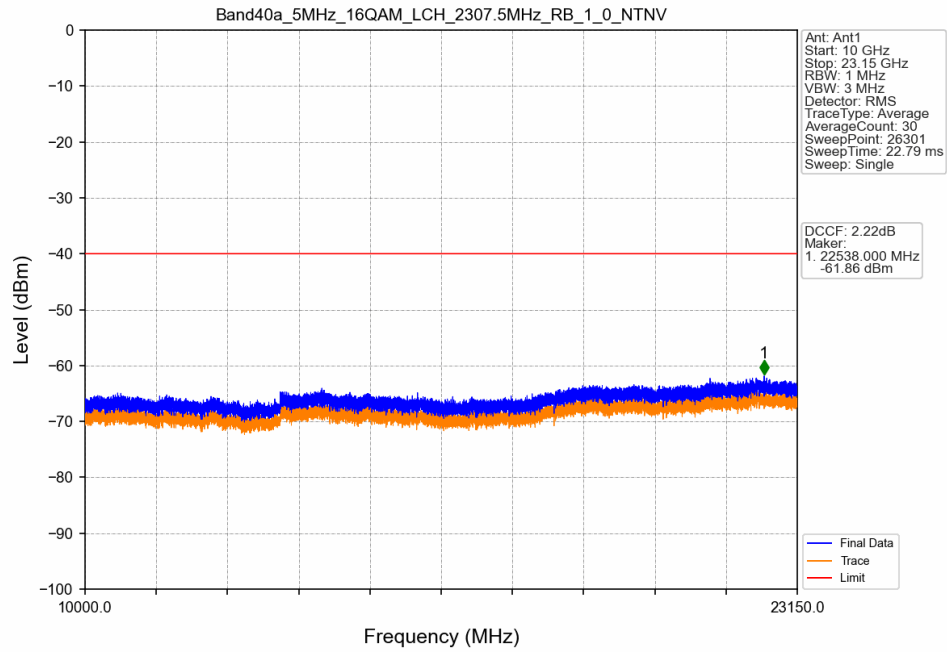
Band40a 5MHz 16QAM LCH 2307.5MHz RB 1 0 NTNV



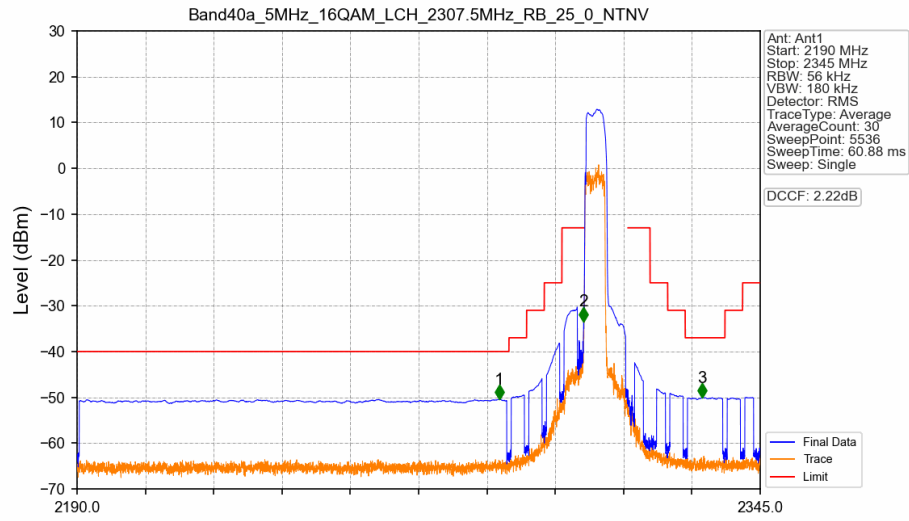
Band40a 5MHz 16QAM LCH 2307.5MHz RB 1 0 NTNV



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

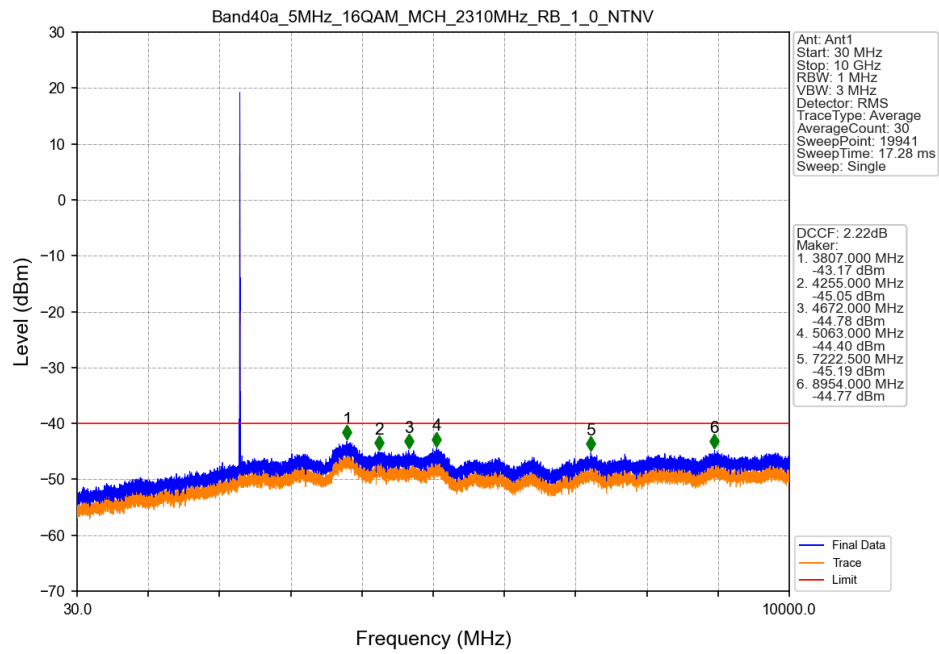


Band40a 5MHz 16QAM LCH 2307.5MHz RB 25 0 NTNV

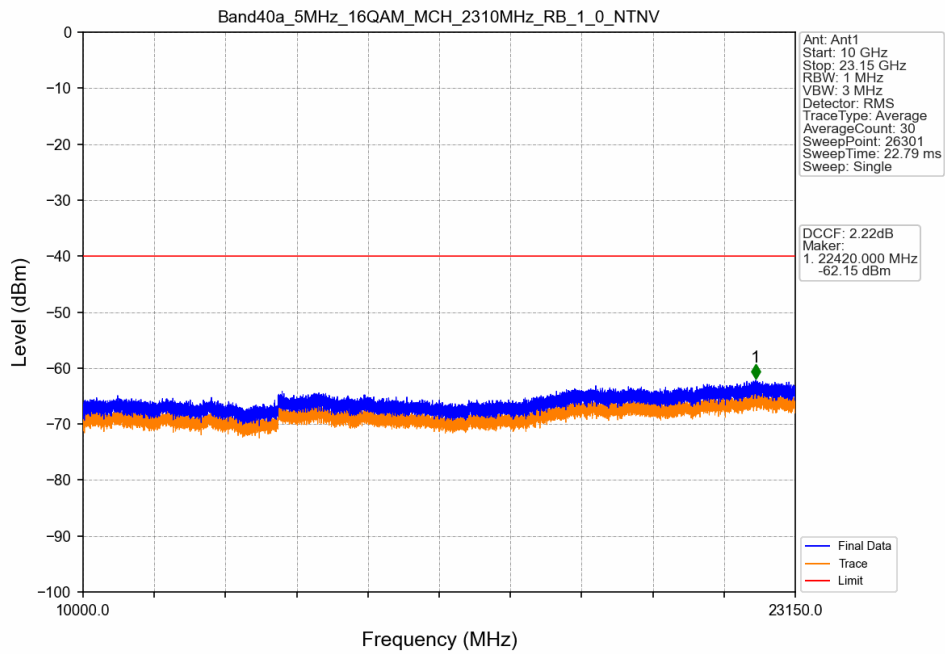


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2285.744	-50.37	-40	Pass
2304	2305	0.056	/	2	2304.955	-33.42	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2331.838	-50.03	-37	Pass

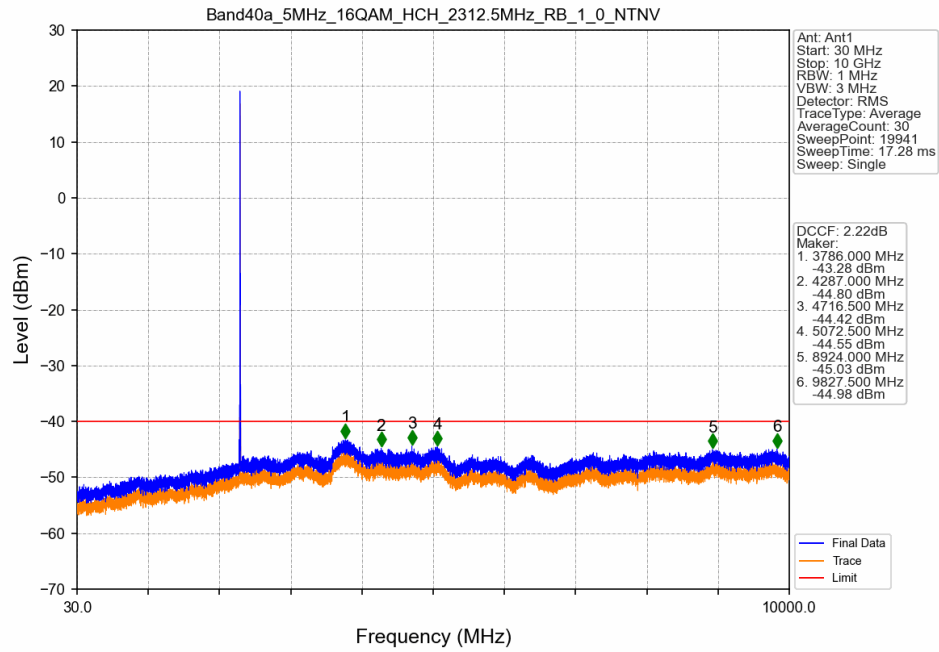
Band40a 5MHz 16QAM MCH 2310MHz RB 1 0 NTV



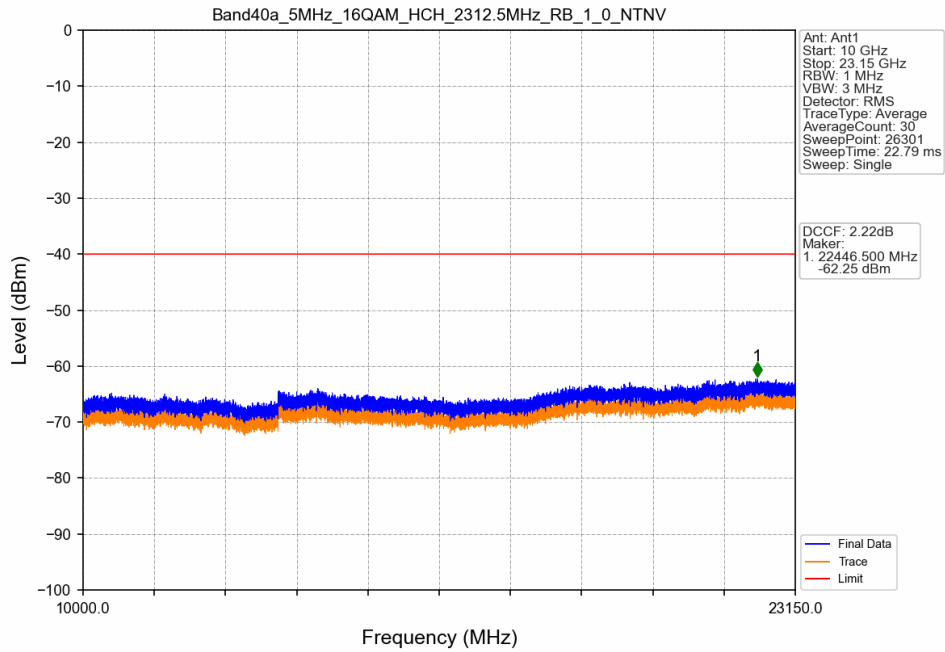
Band40a 5MHz 16QAM MCH 2310MHz RB 1 0 NTV



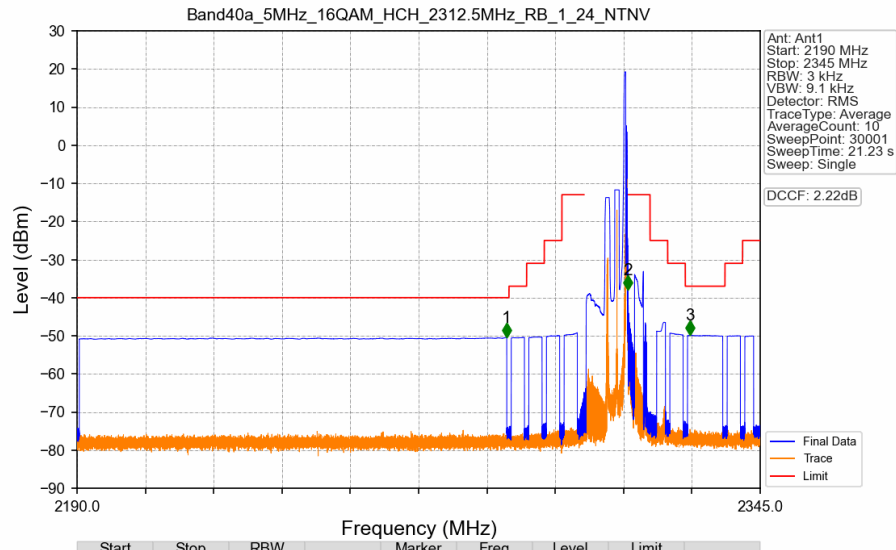
Band40a 5MHz 16QAM HCH 2312.5MHz RB 1 0 NTNV



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

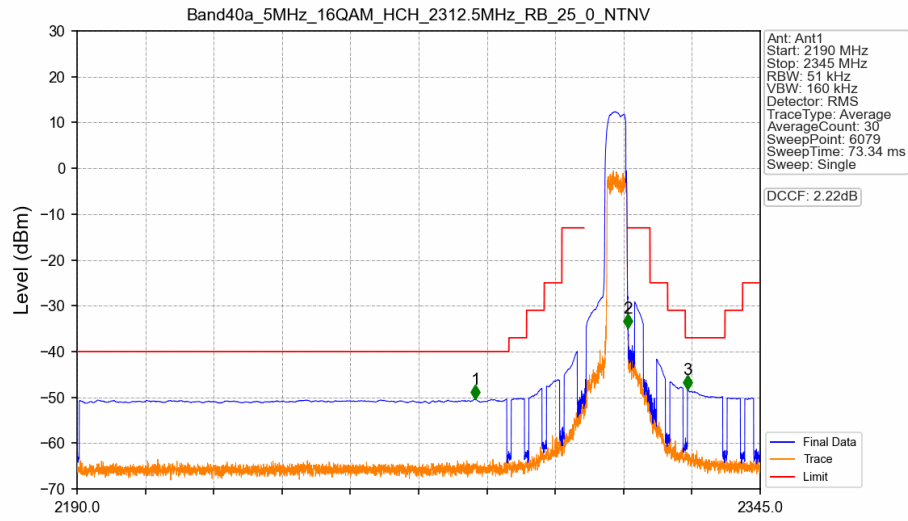


Band40a 5MHz 16QAM HCH 2312.5MHz RB 1 24 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2287.454	-50.41	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	2	2315.023	-37.98	-13	Pass
2316	2345	1	CHP	3	2329.097	-49.88	-37	Pass

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



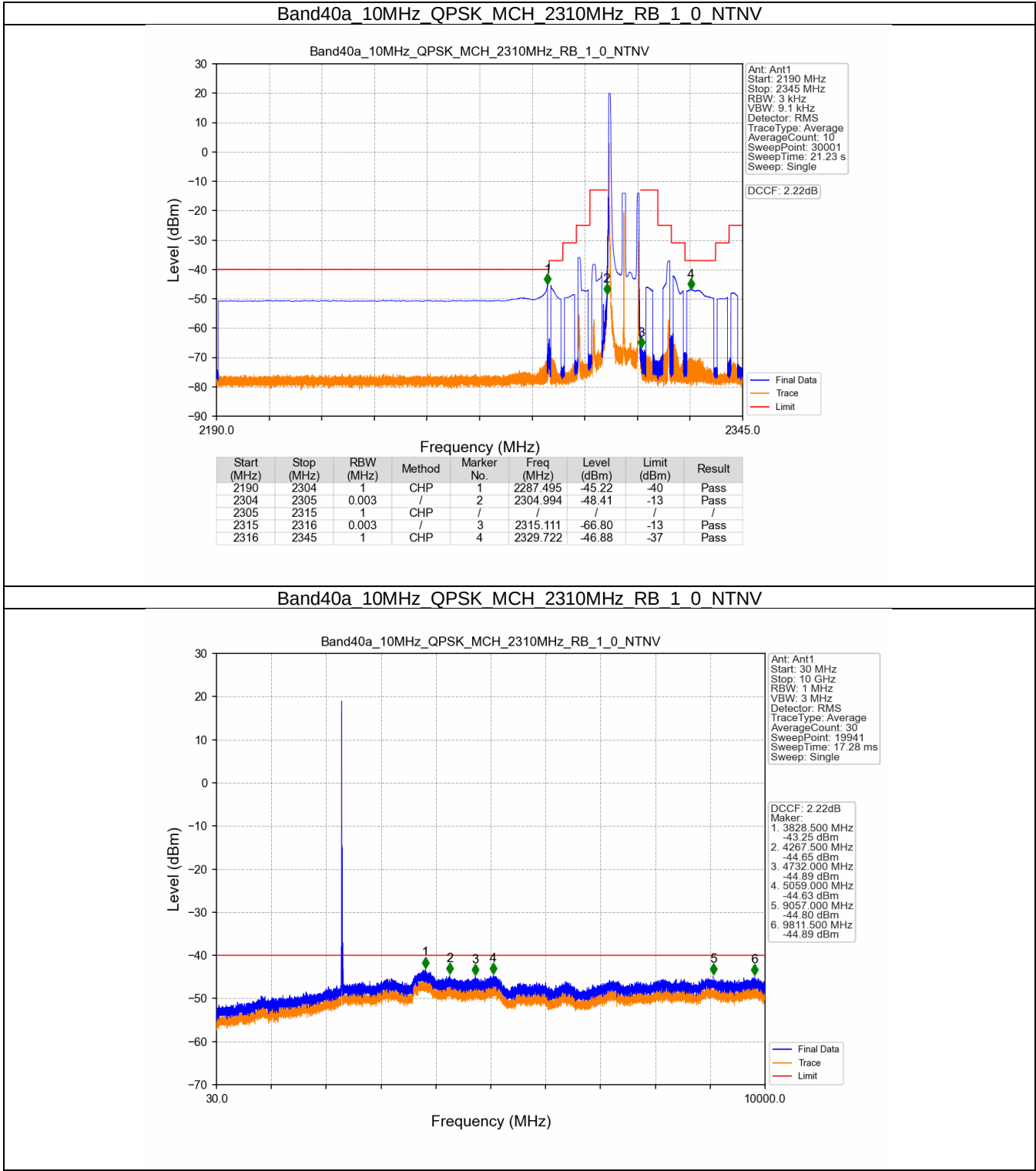
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2280.378	-50.40	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.051	/	2	2315.010	-34.88	-13	Pass
2316	2345	1	CHP	3	2328.500	-48.25	-37	Pass

4.2 B40a_10MHz

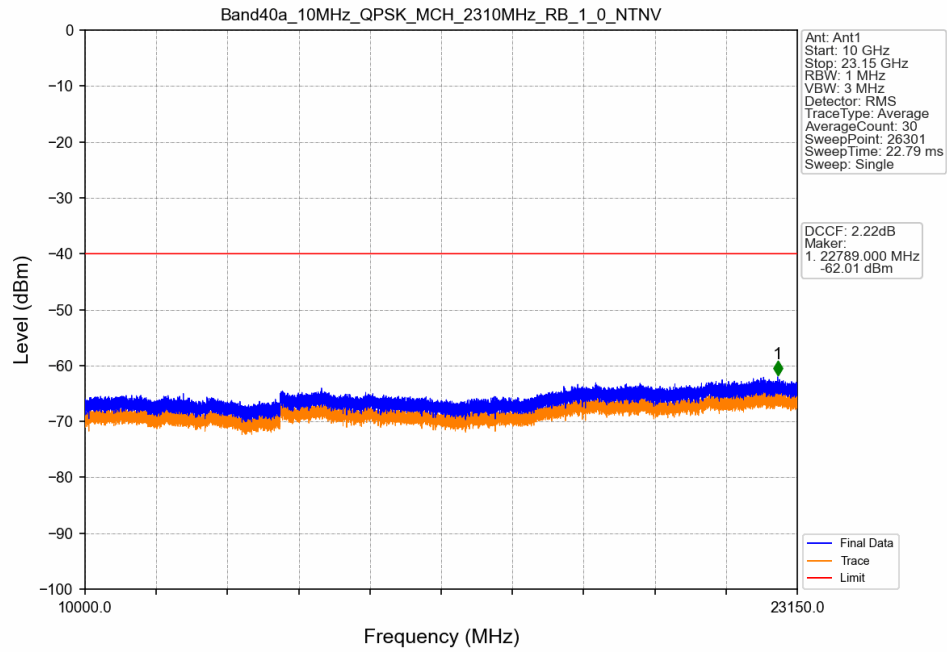
4.2.1 Test Result

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

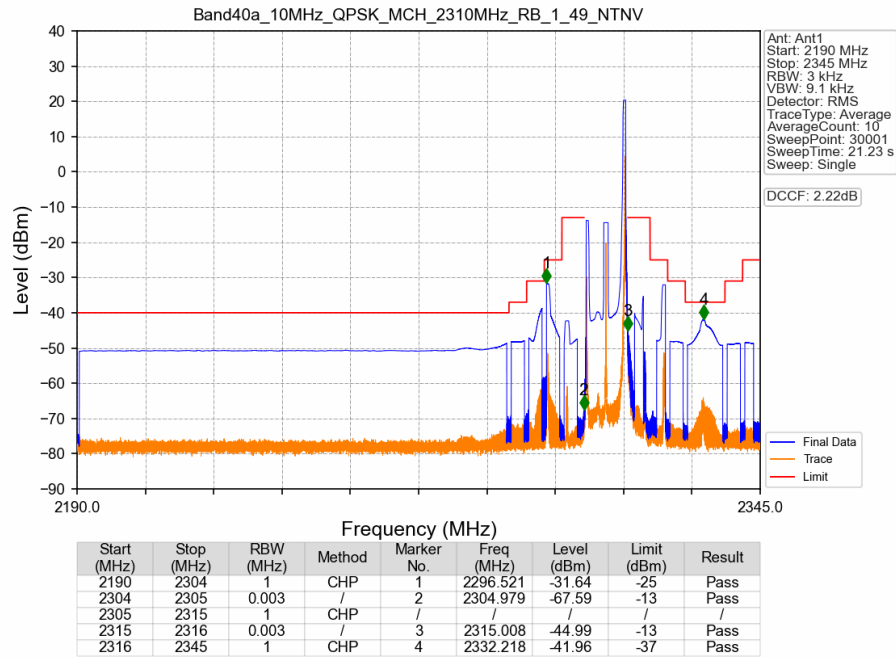
4.2.2 Test Graph



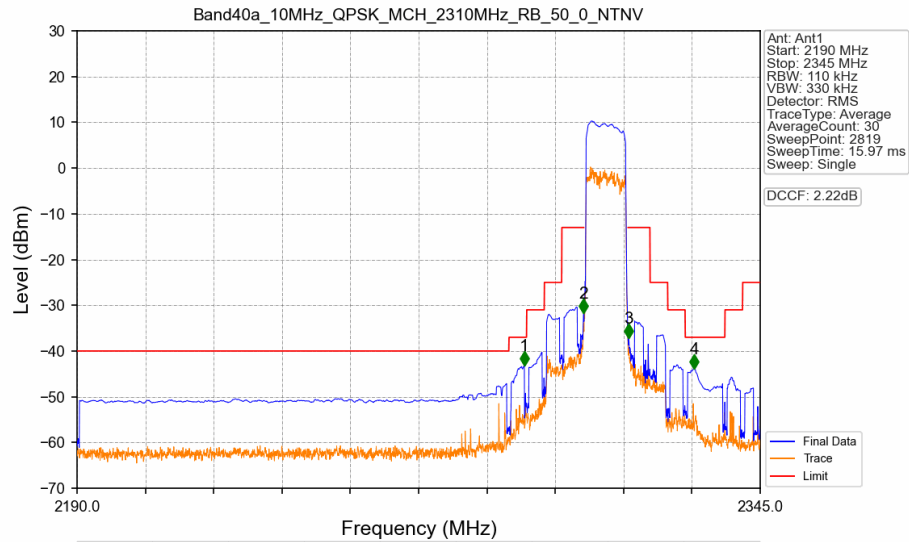
Band40a_10MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



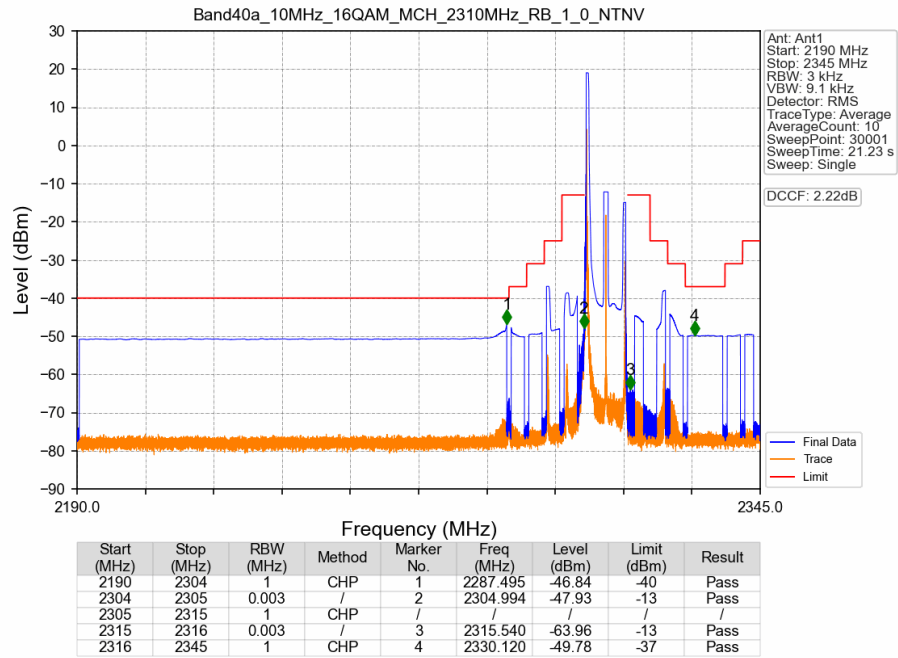
Band40a_10MHz_QPSK_MCH_2310MHz_RB_1_49_NTNV



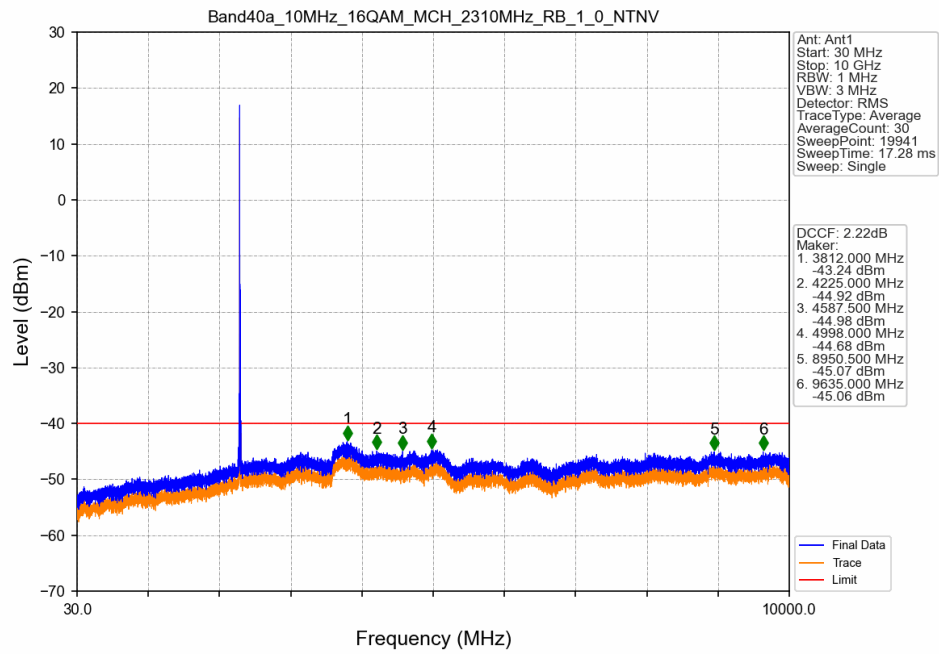
Band40a 10MHz QPSK MCH 2310MHz RB 50 0 NTNV



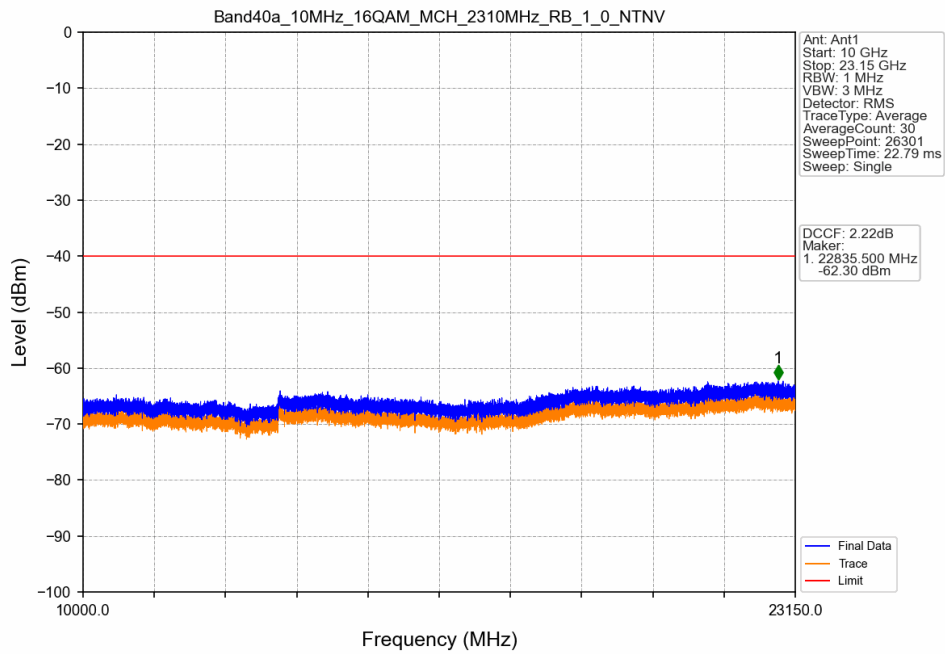
Band40a 10MHz 16QAM MCH 2310MHz RB 1 0 NTNV



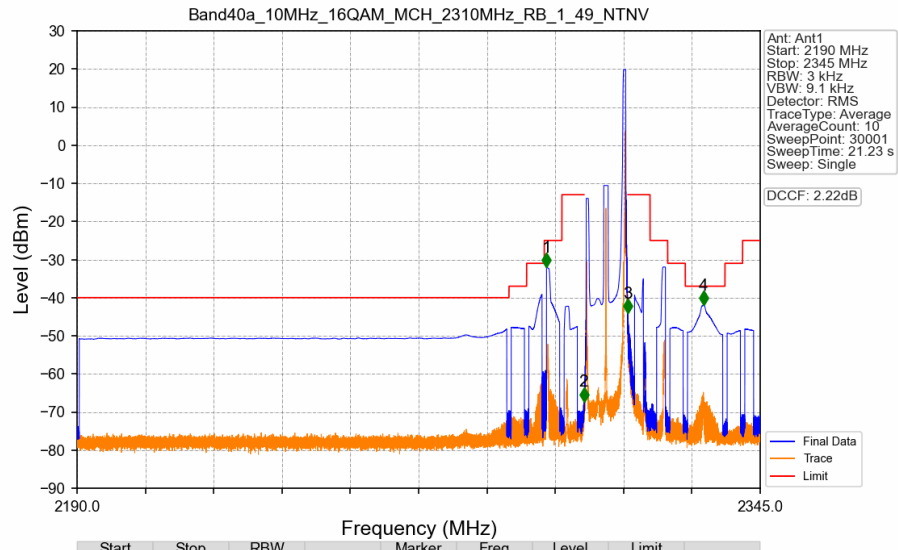
Band40a_10MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



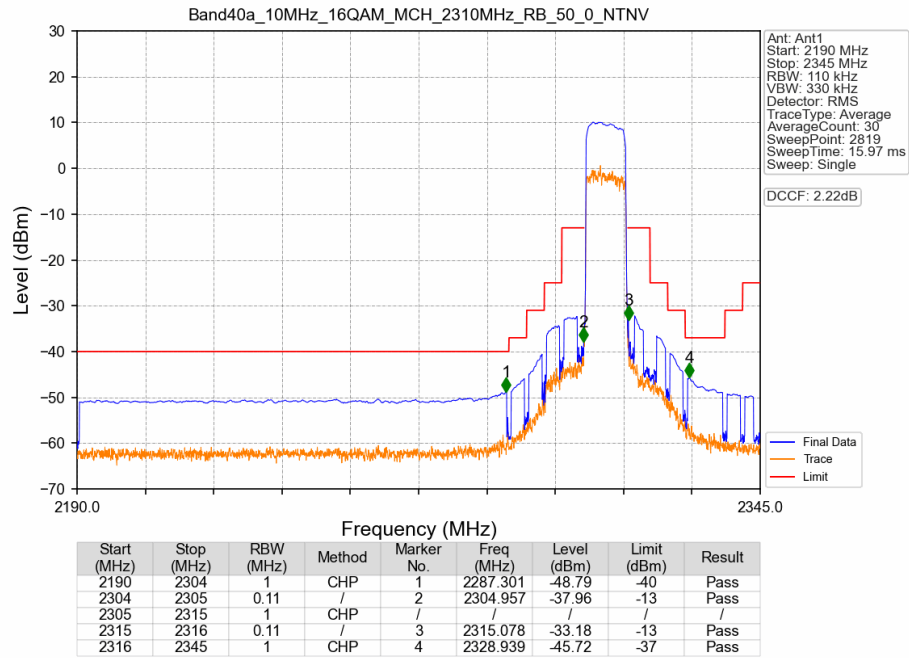
Band40a_10MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



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



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



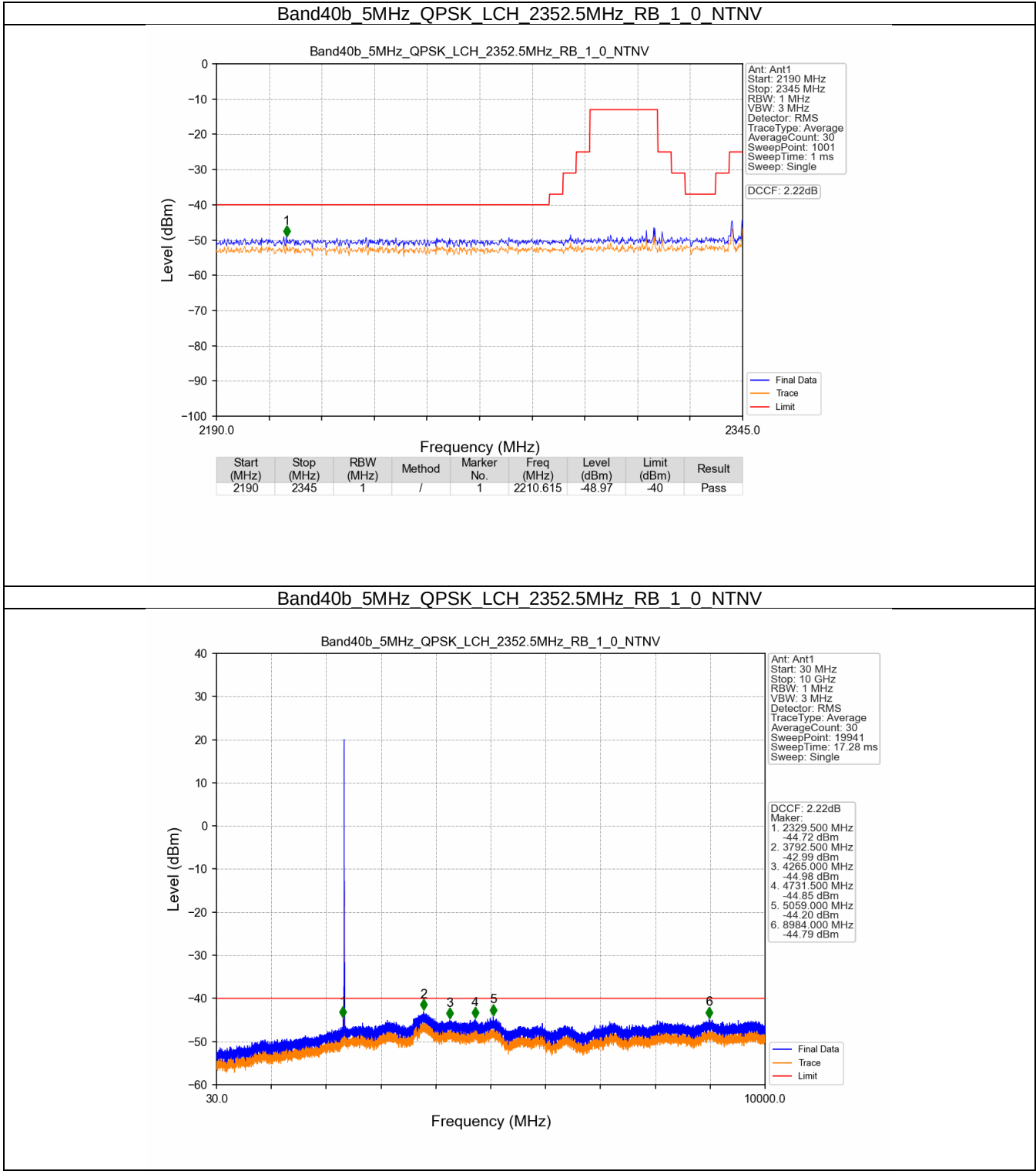
5. Spurious Emission

5.1 B40b_5MHz

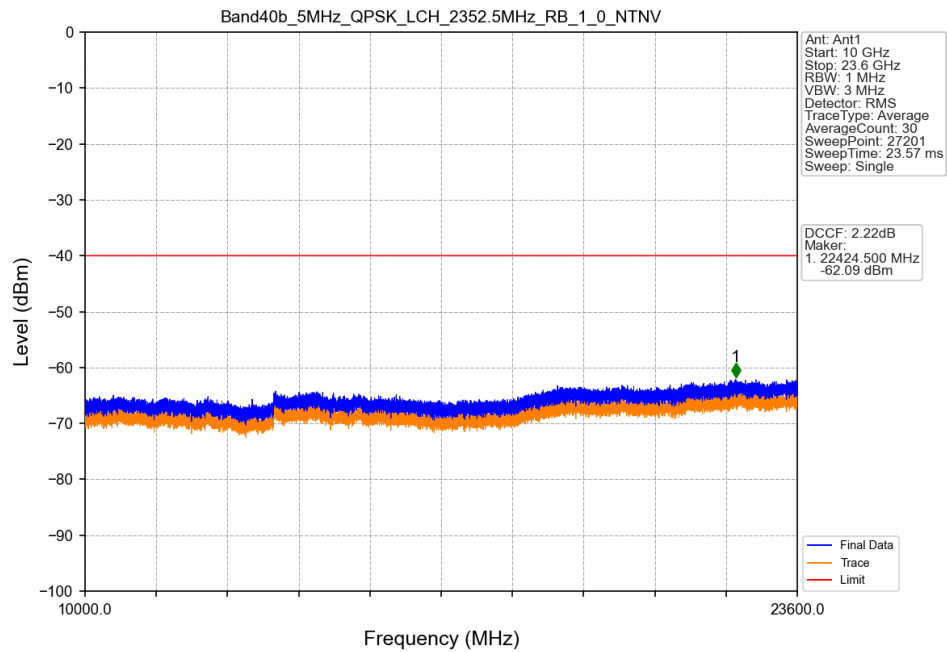
5.1.1 Test Result

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

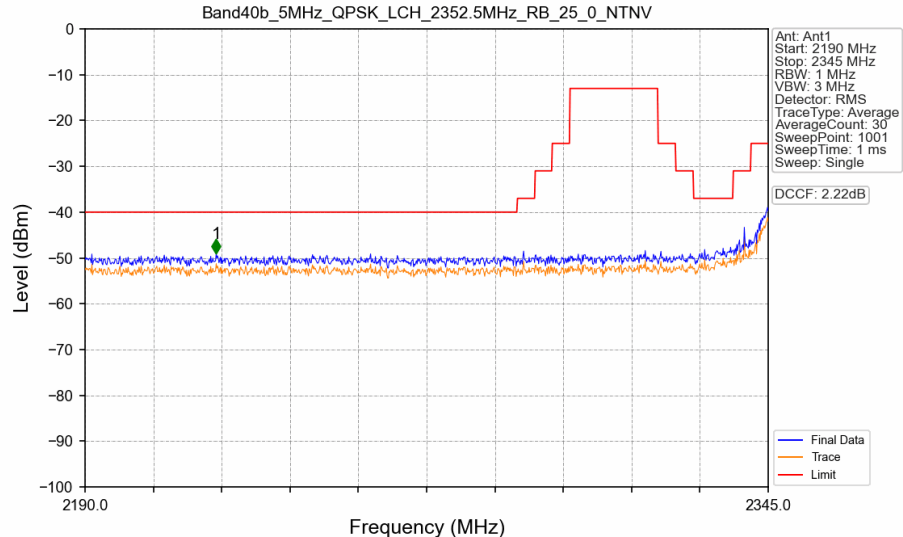
5.1.2 Test Graph



Band40b_5MHz_QPSK_LCH_2352.5MHz_RB_1_0_NTNV

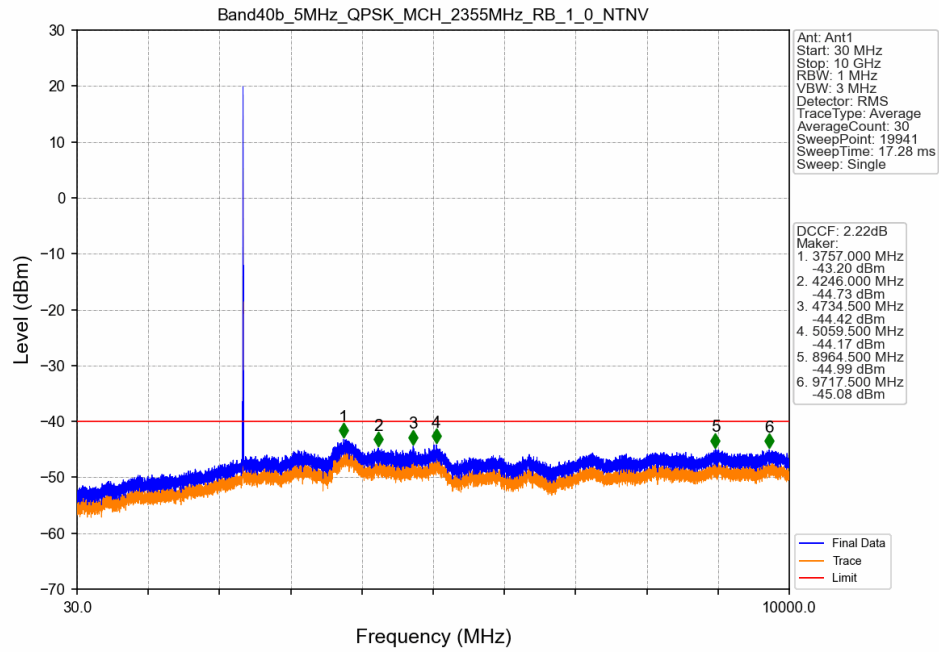


Band40b_5MHz_QPSK_LCH_2352.5MHz_RB_25_0_NTNV

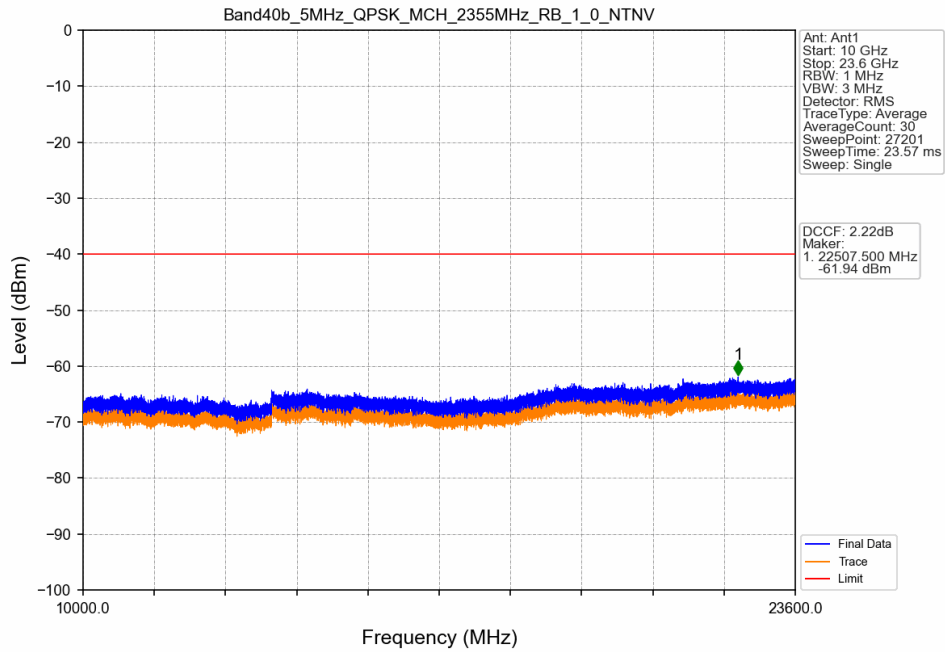


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2345	1	/	1	2219.760	-49.03	-40	Pass

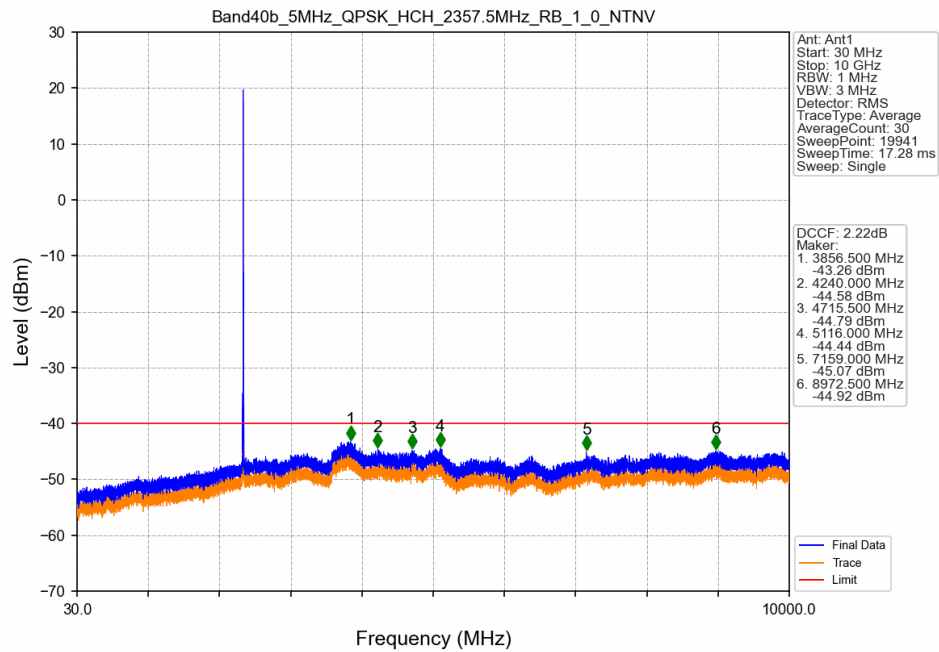
Band40b_5MHz_QPSK_MCH_2355MHz_RB_1_0_NTNV



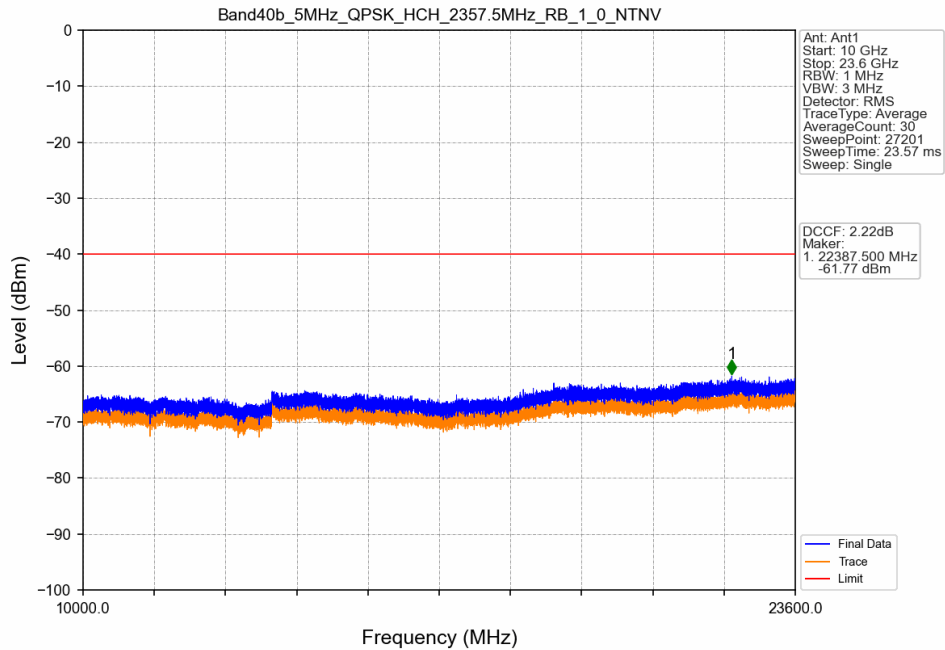
Band40b_5MHz_QPSK_MCH_2355MHz_RB_1_0_NTNV



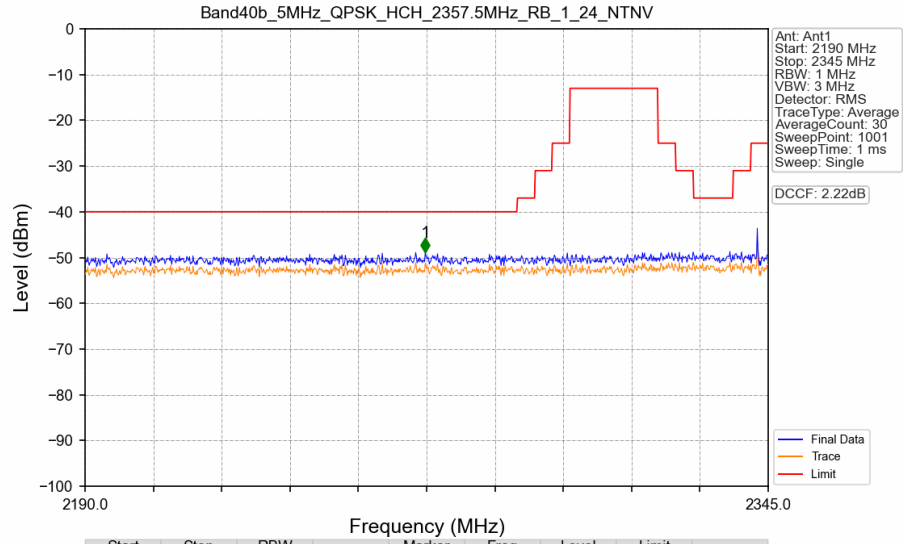
Band40b 5MHz QPSK HCH 2357.5MHz RB 1 0 NTV



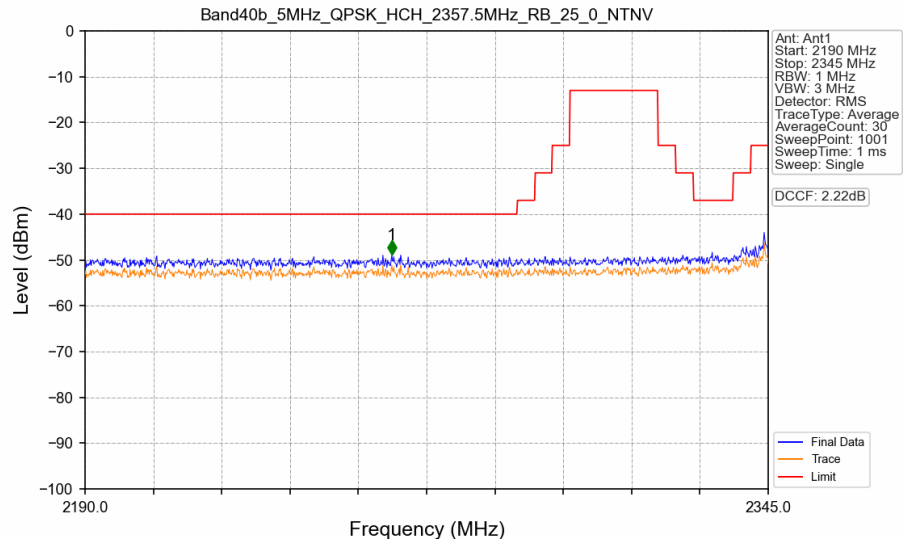
Band40b 5MHz QPSK HCH 2357.5MHz RB 1 0 NTV



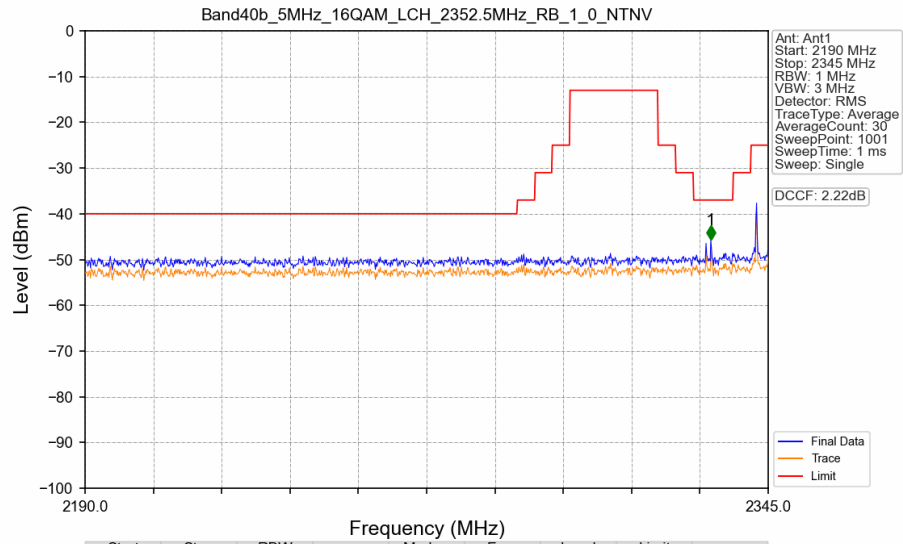
Band40b 5MHz QPSK HCH 2357.5MHz RB 1 24 NTN



Band40b 5MHz QPSK HCH 2357.5MHz RB 25 0 NTN



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



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

