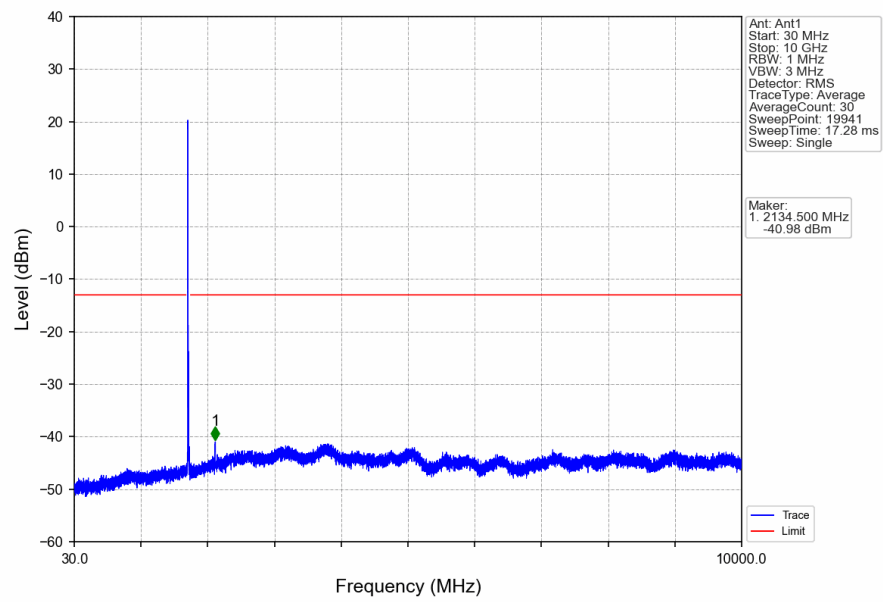
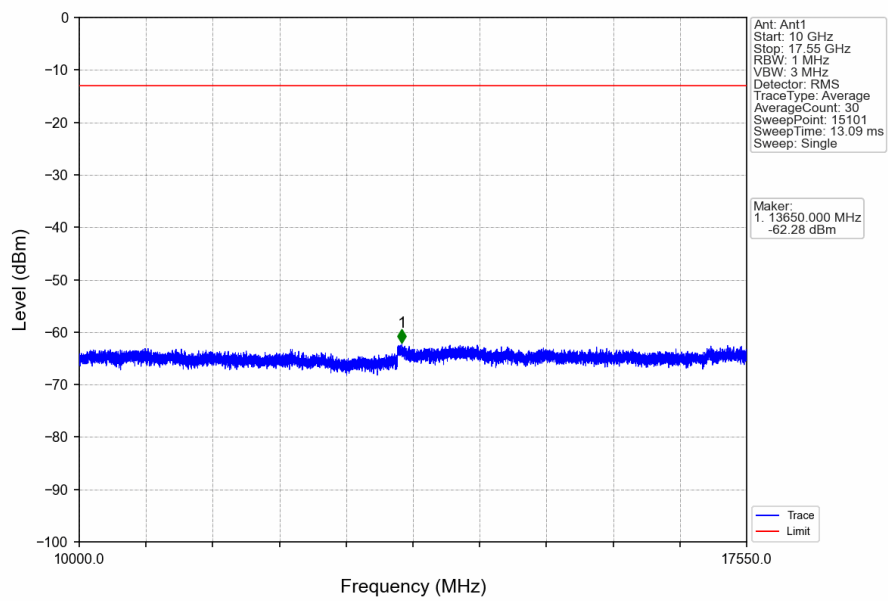


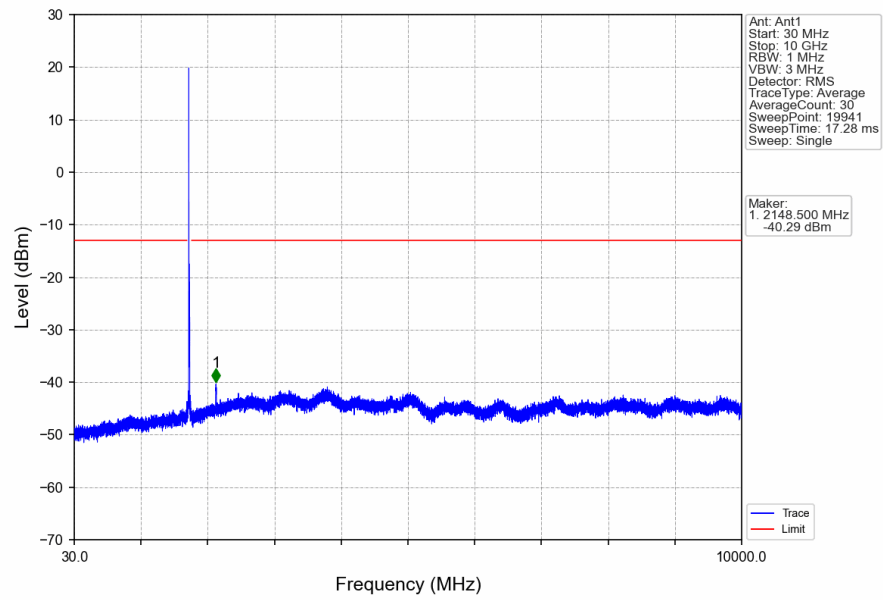
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



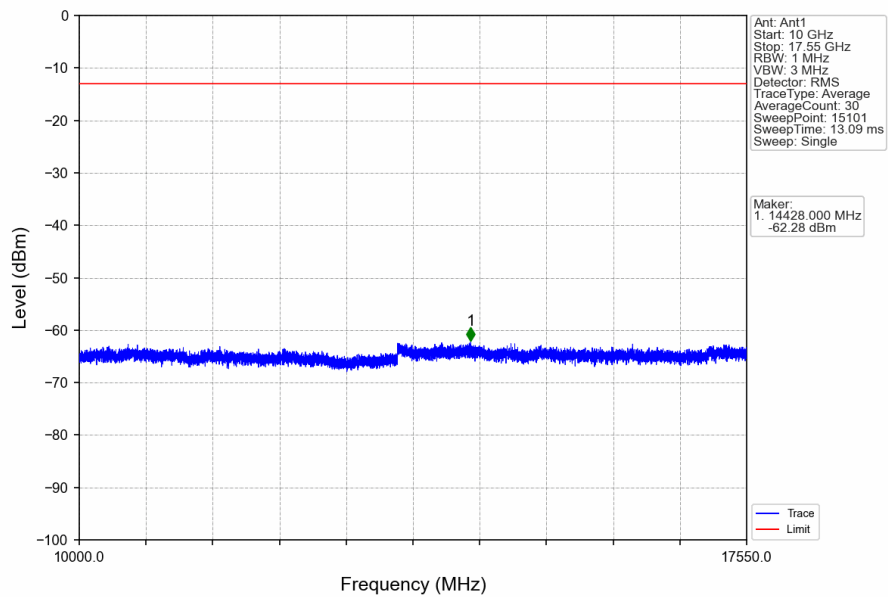
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



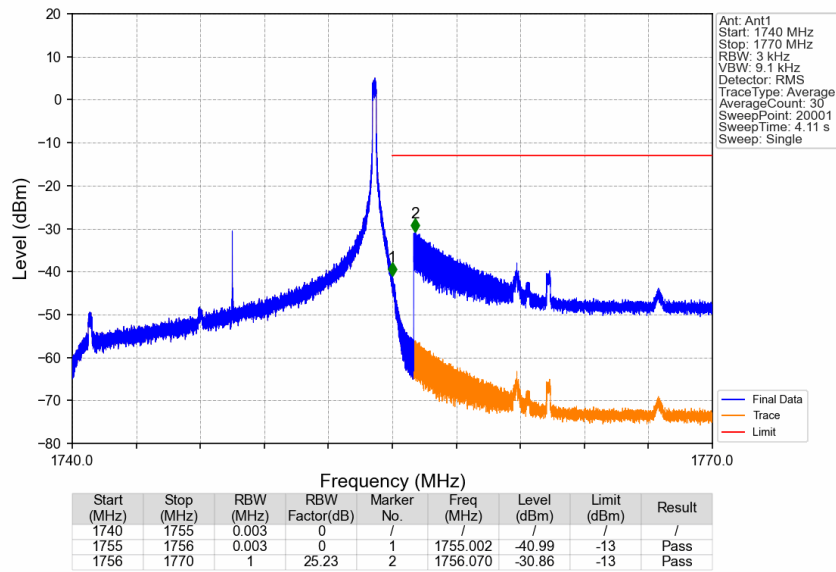
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



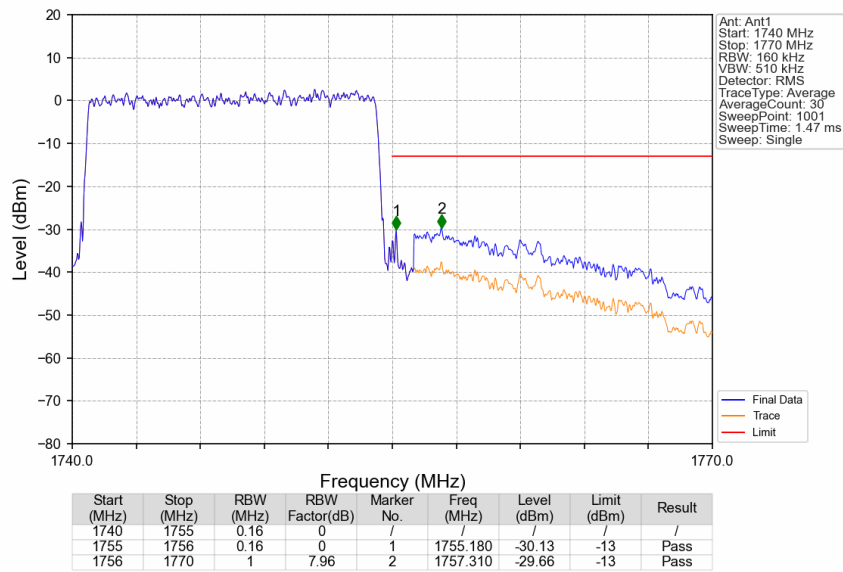
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



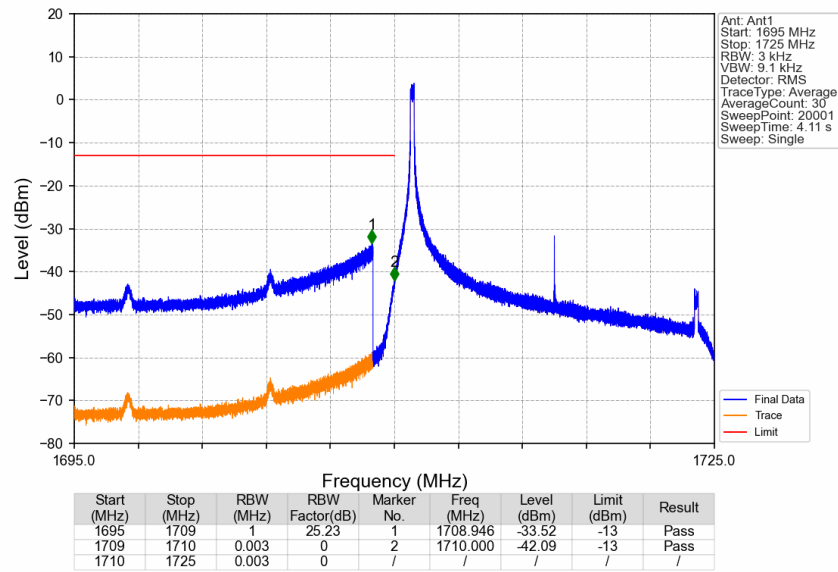
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



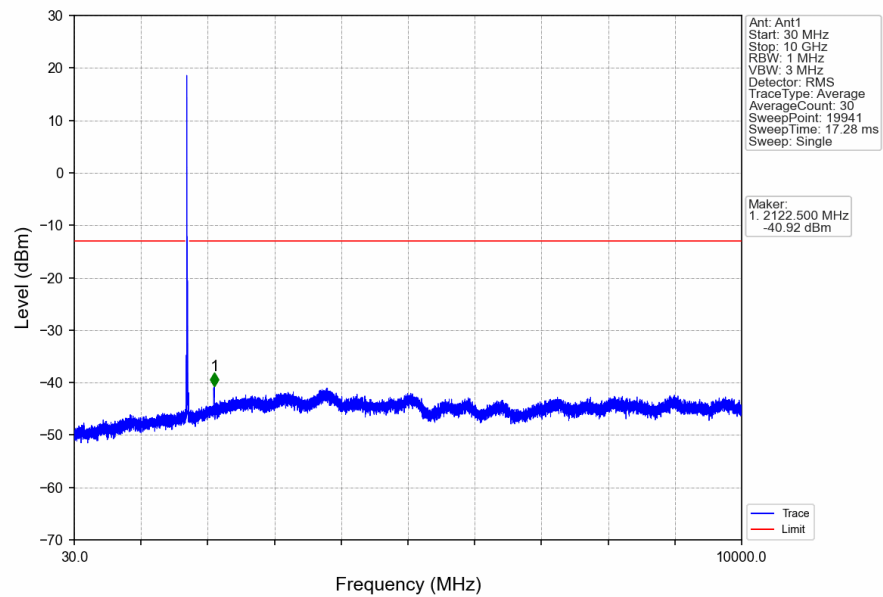
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



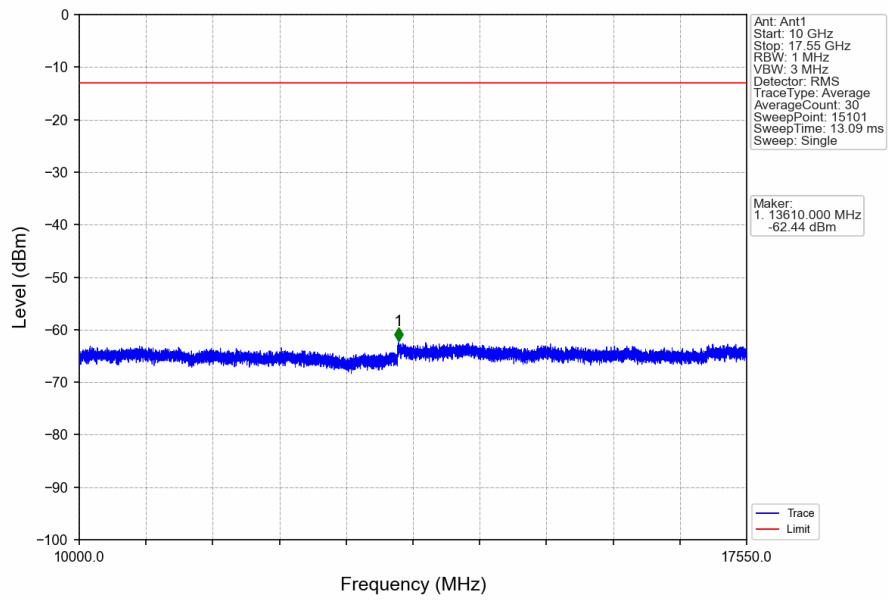
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



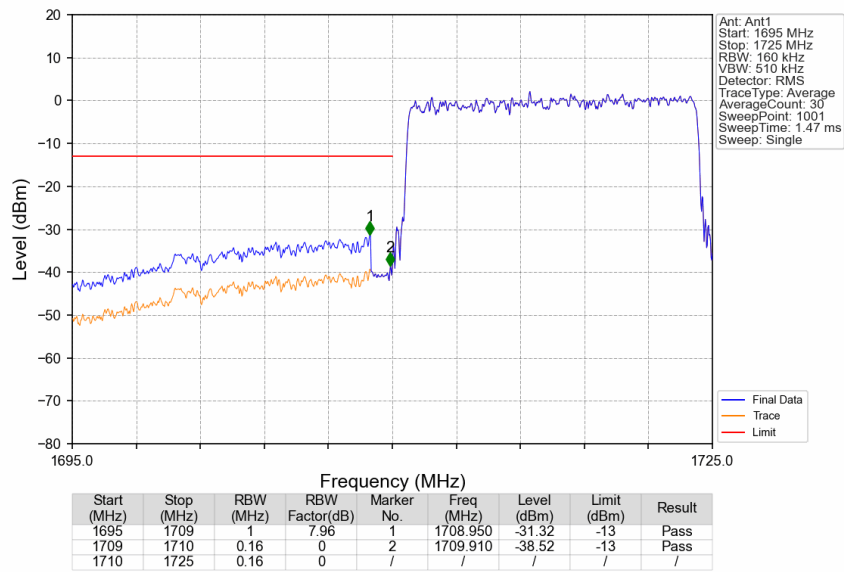
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



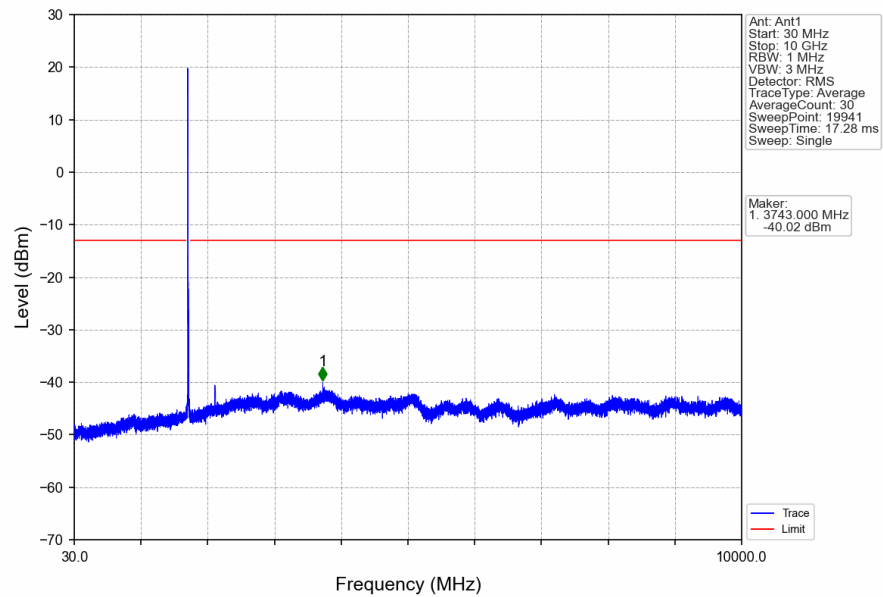
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



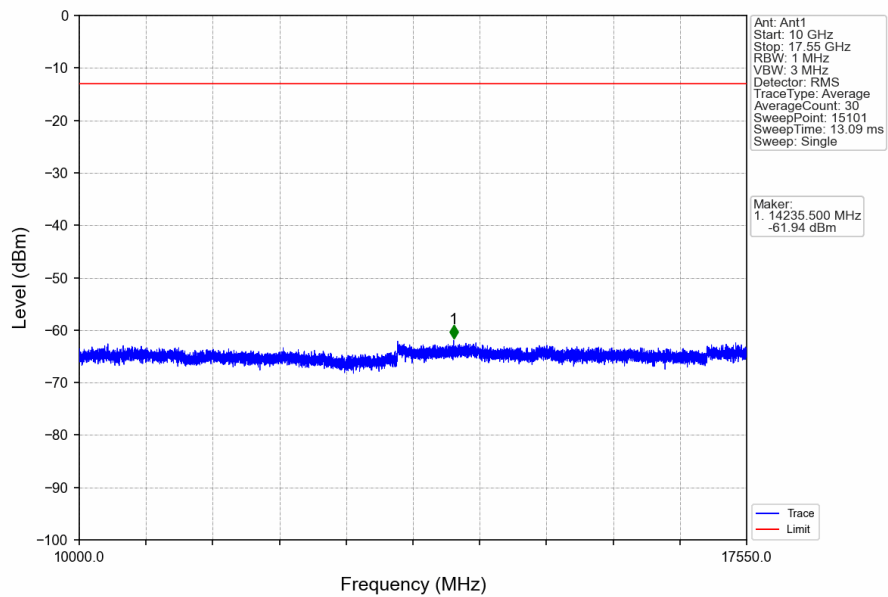
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



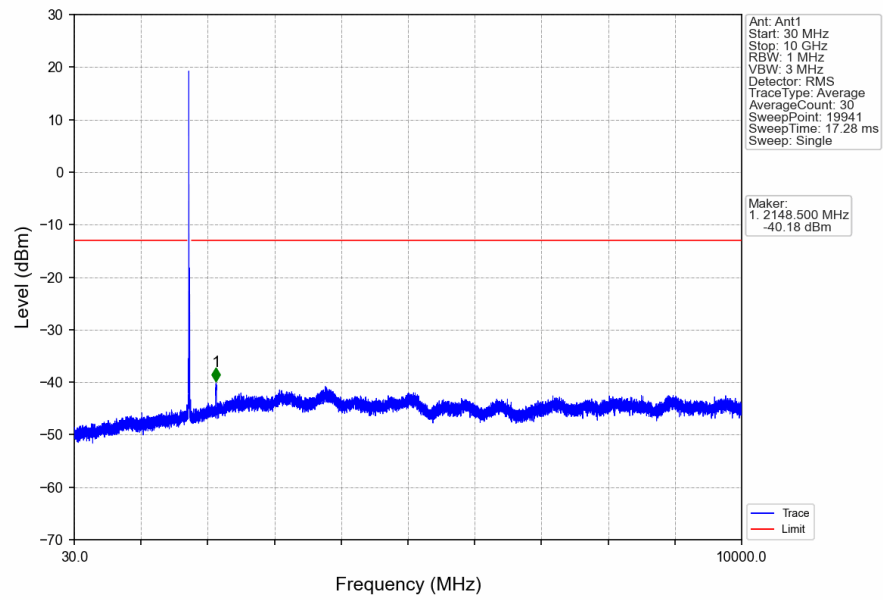
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



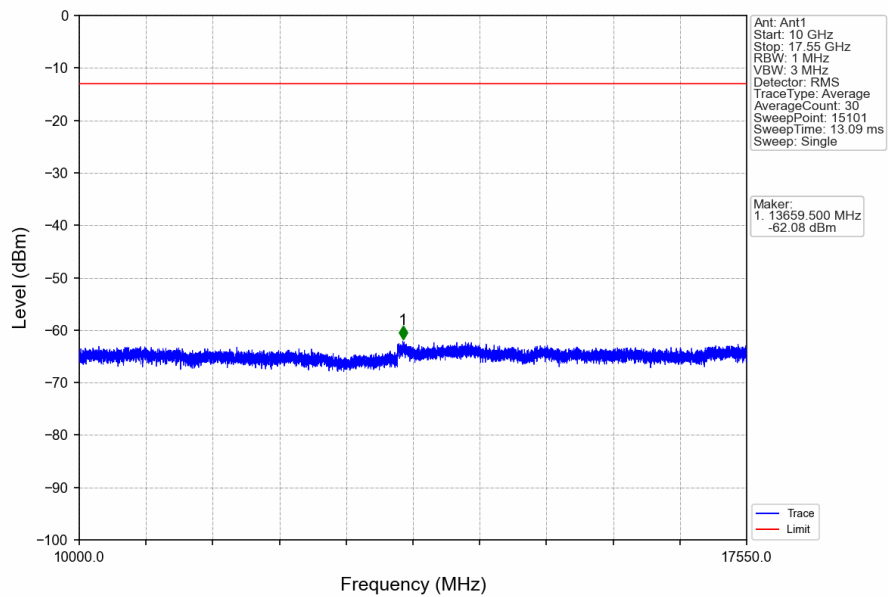
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



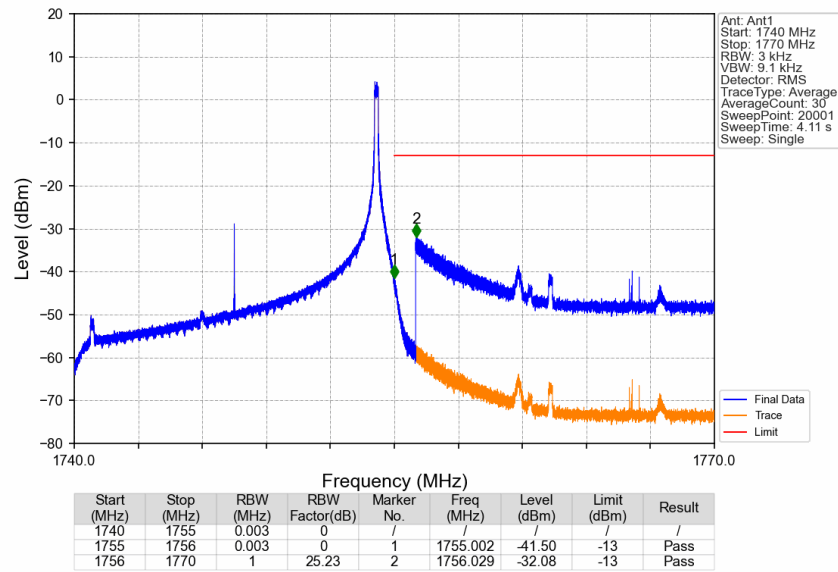
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



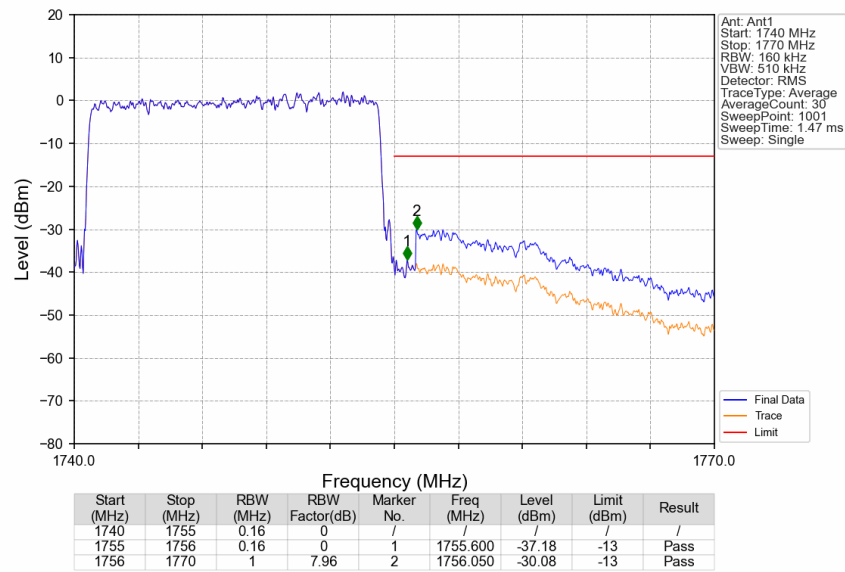
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_74_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

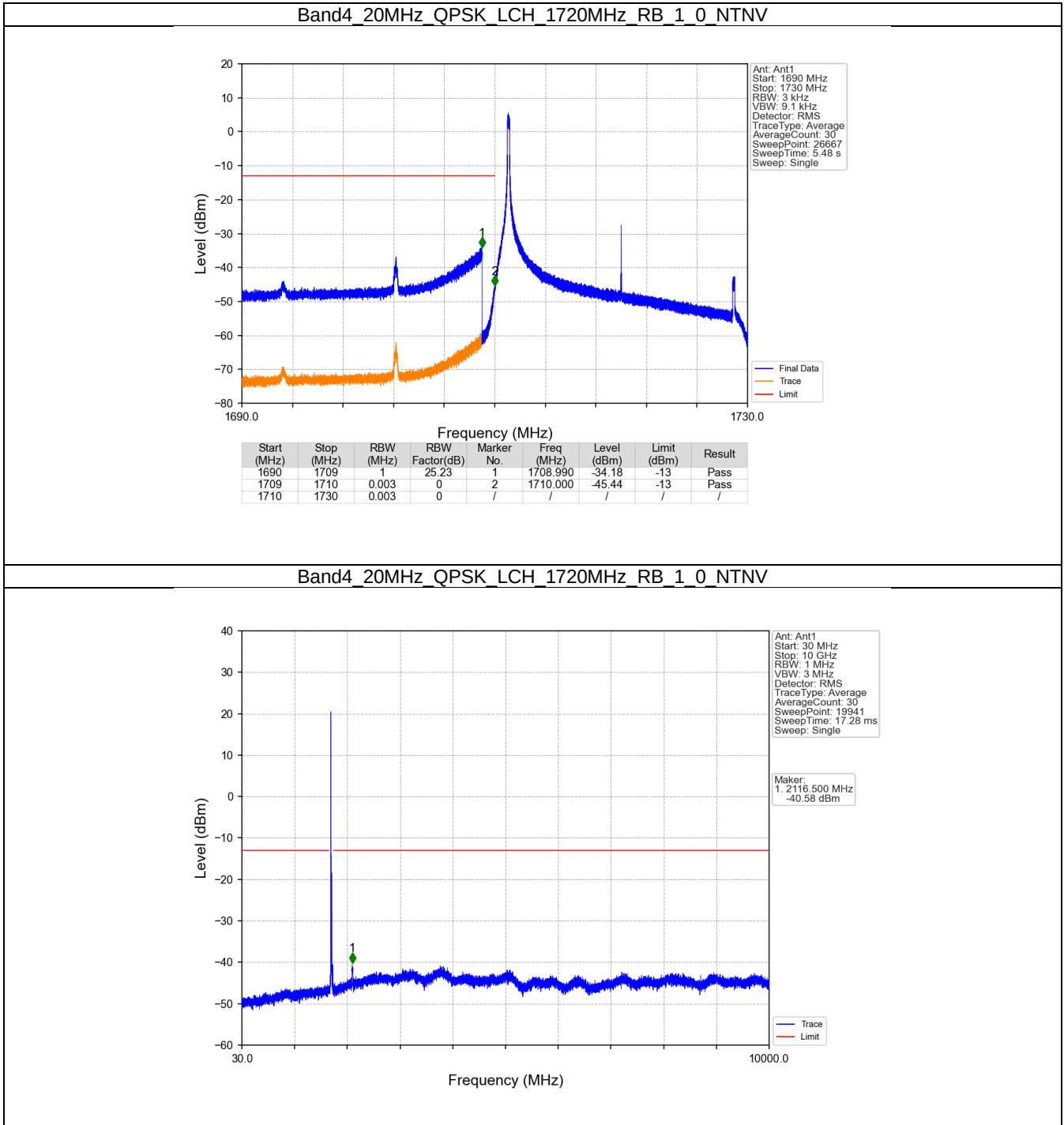


3.6 B4_20MHz

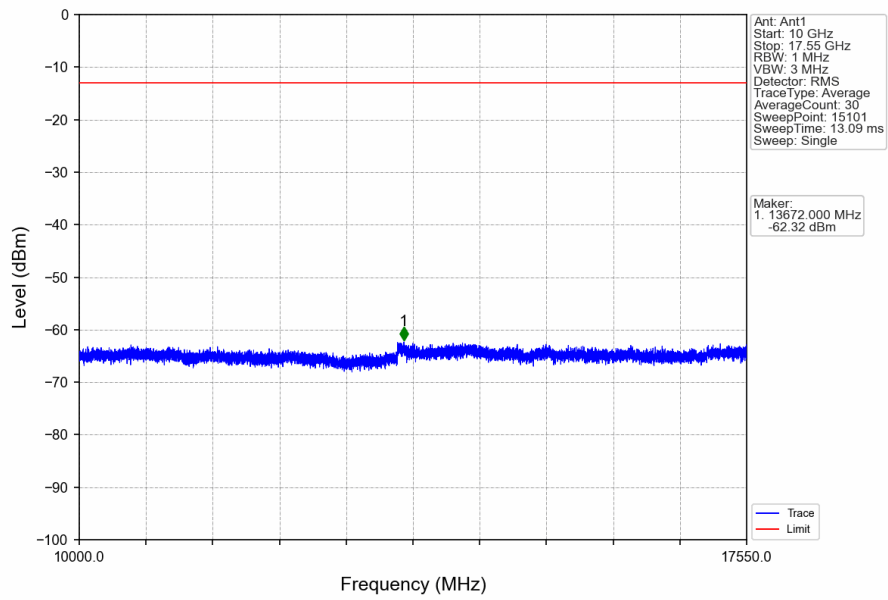
3.6.1 Test Result

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

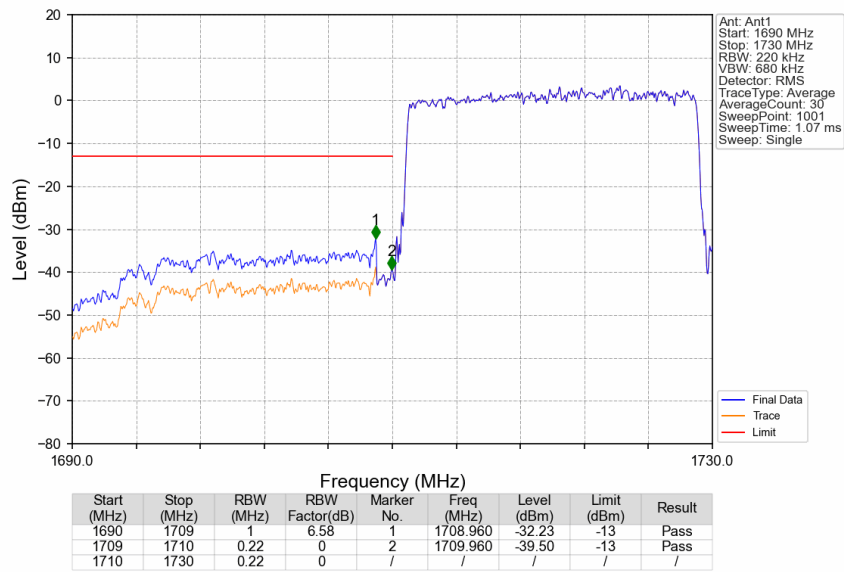
3.6.2 Test Graph



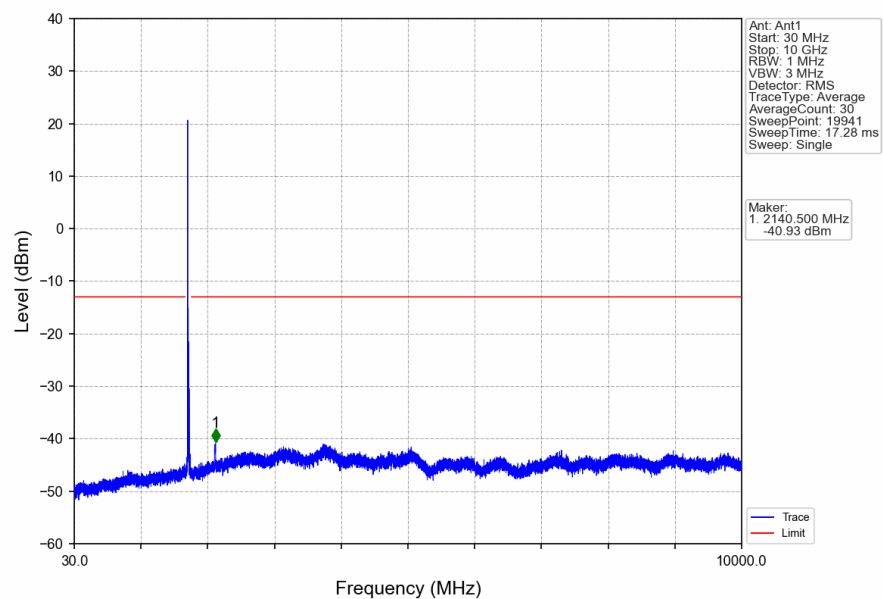
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



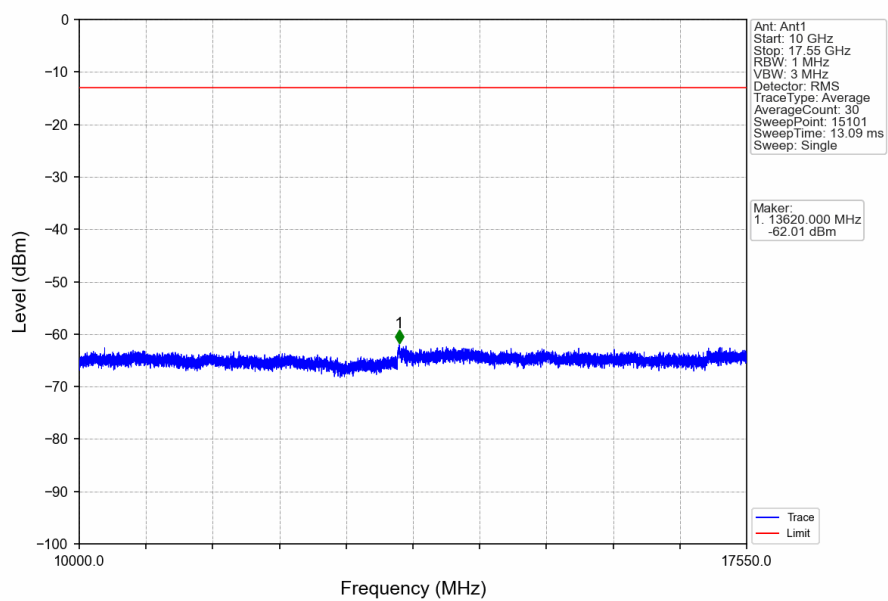
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



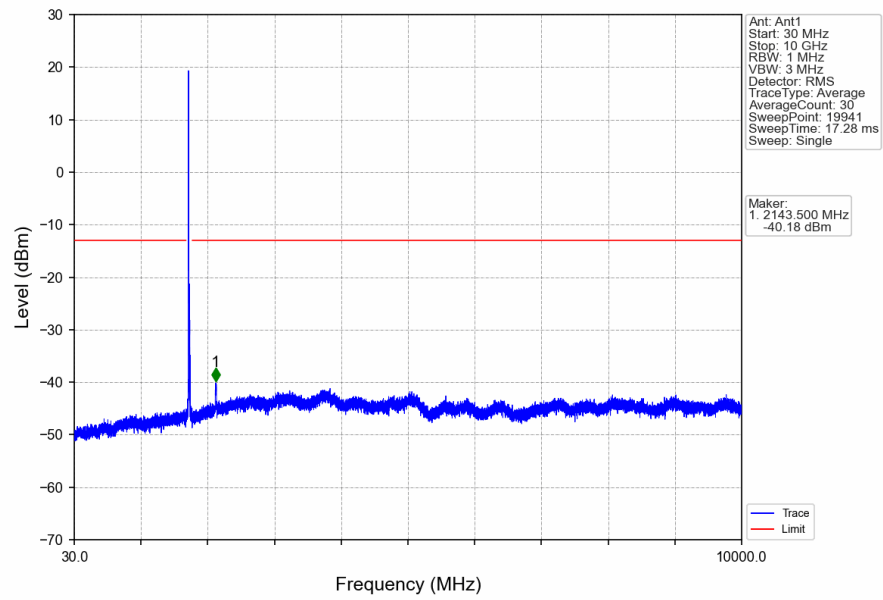
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



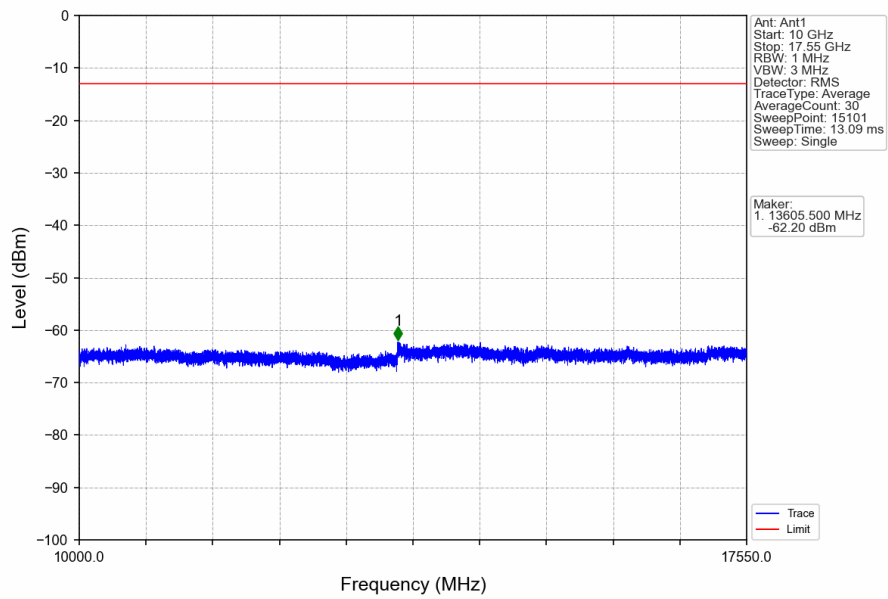
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



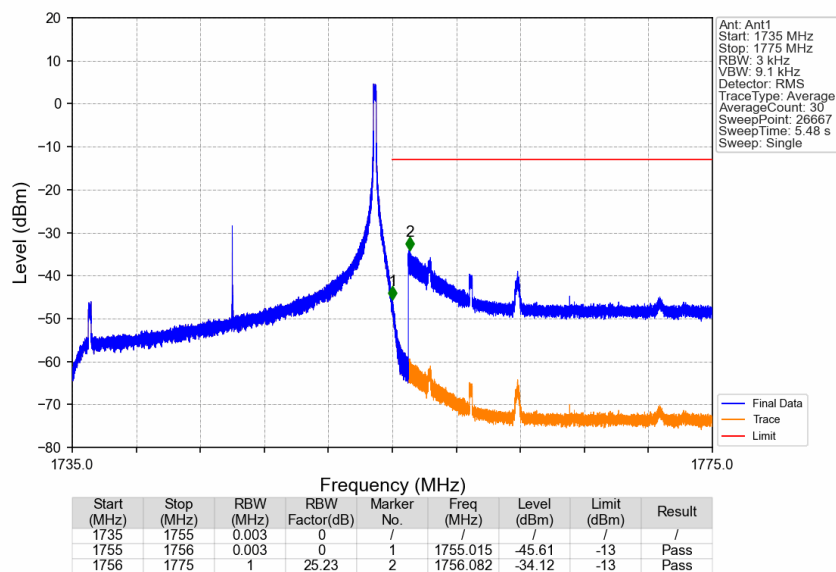
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



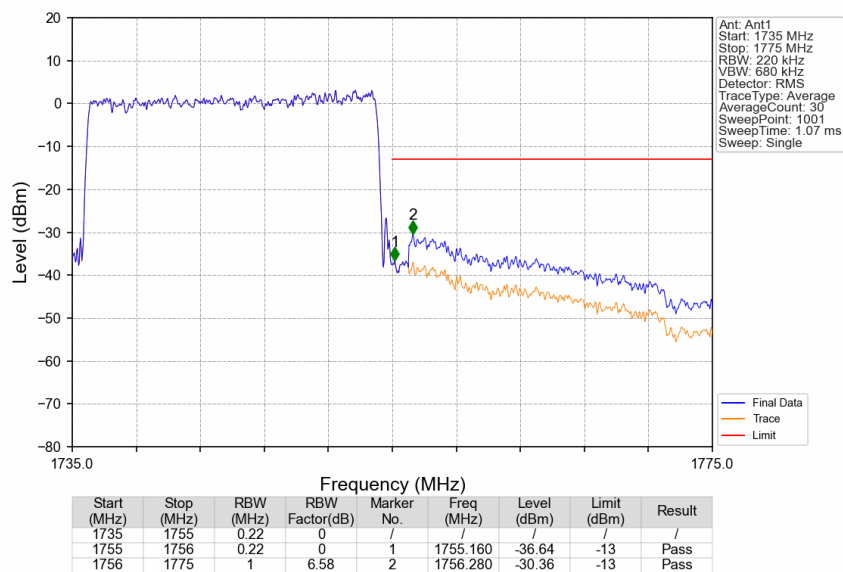
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



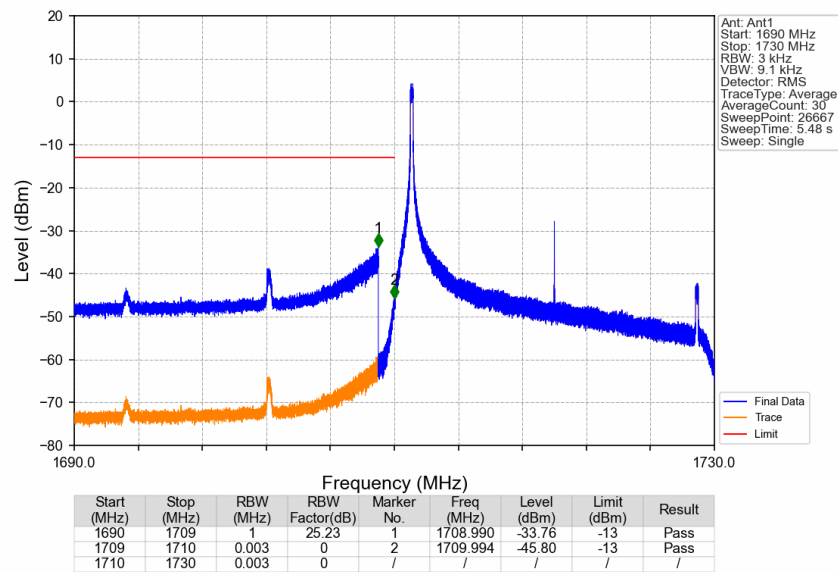
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



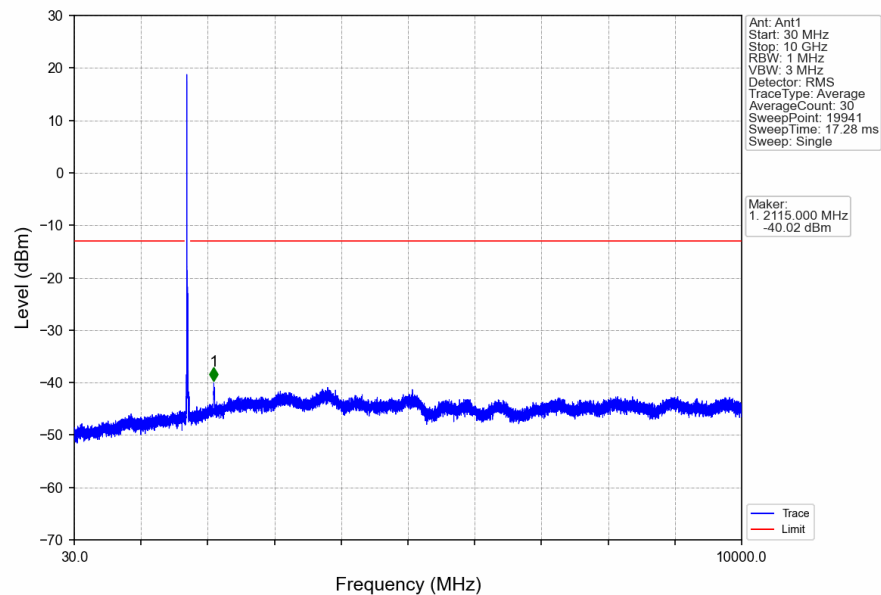
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



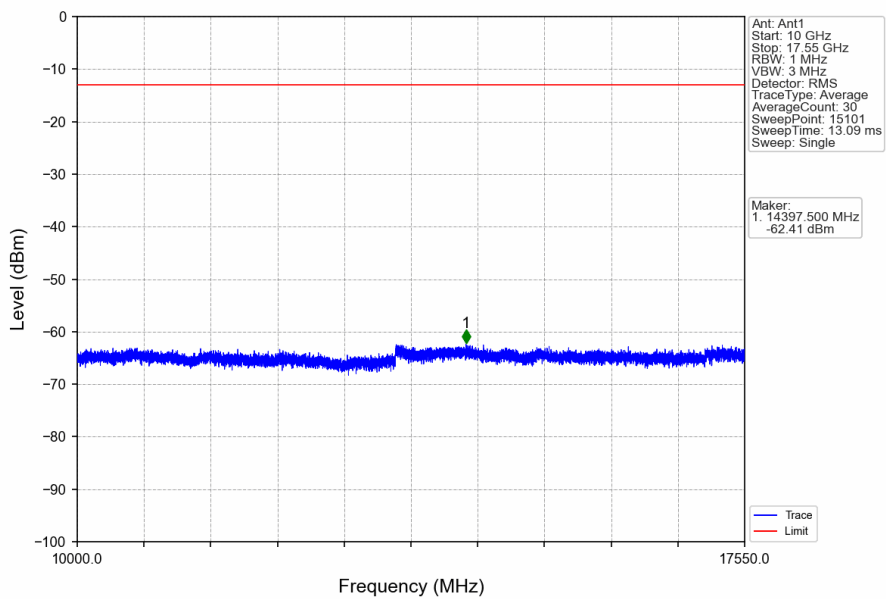
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



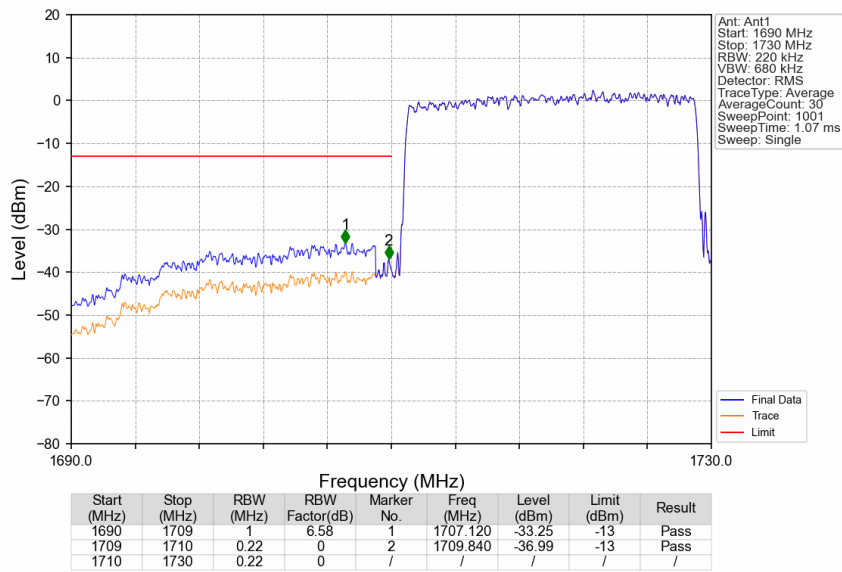
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



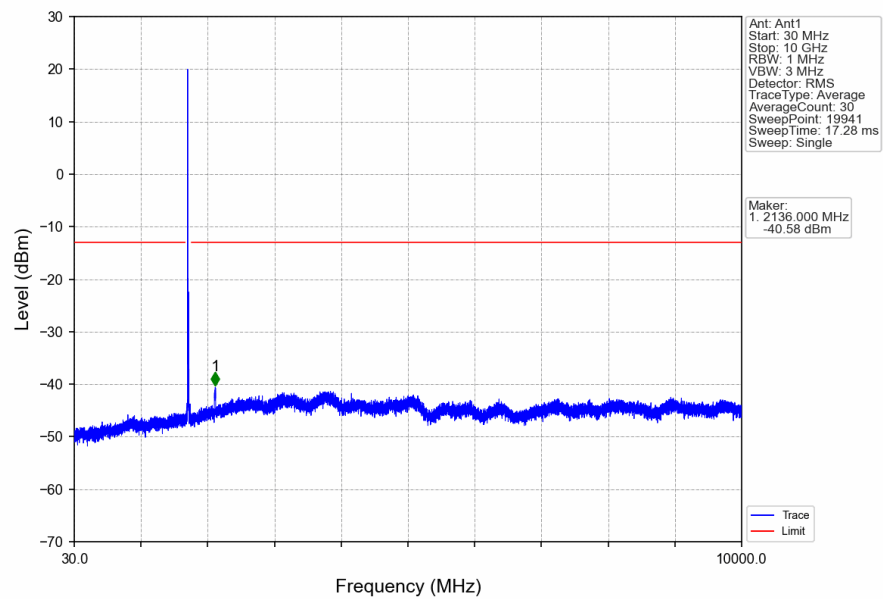
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



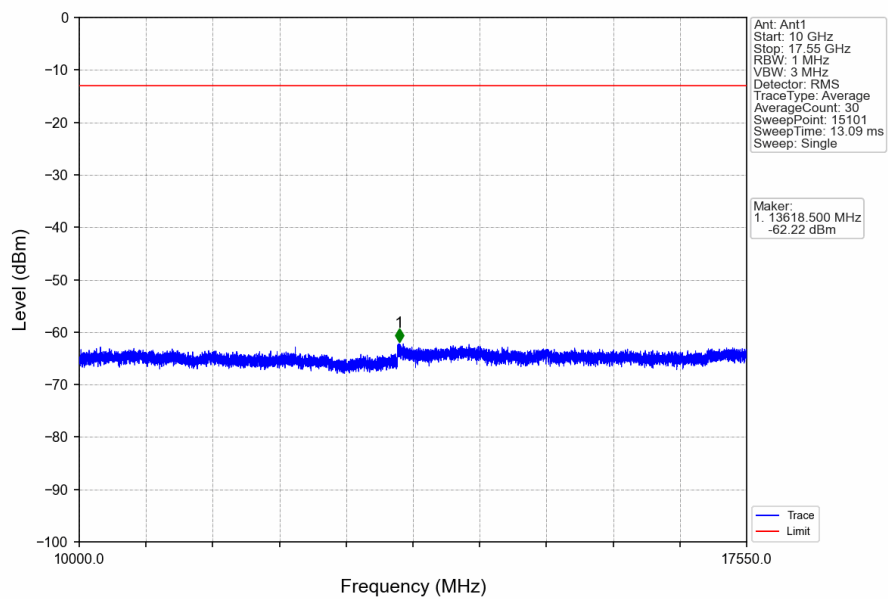
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



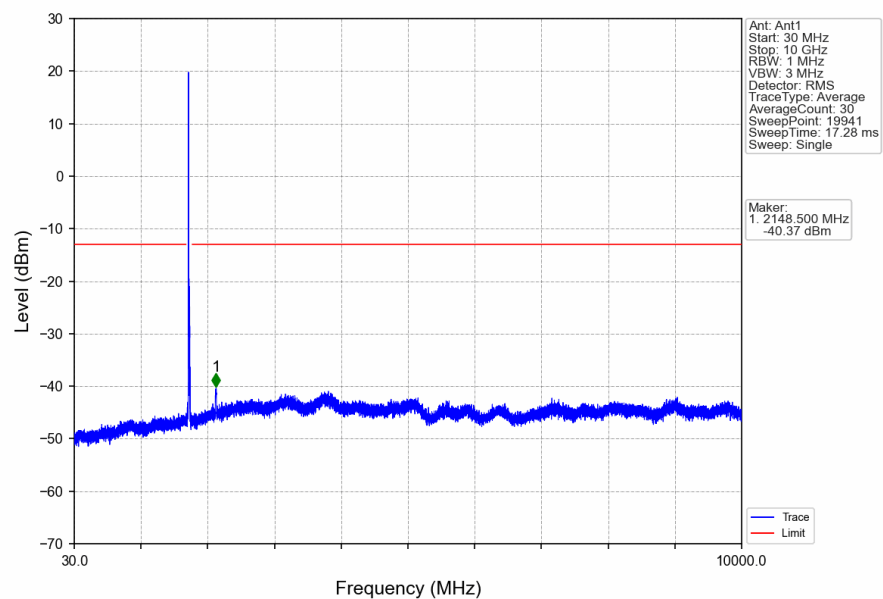
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



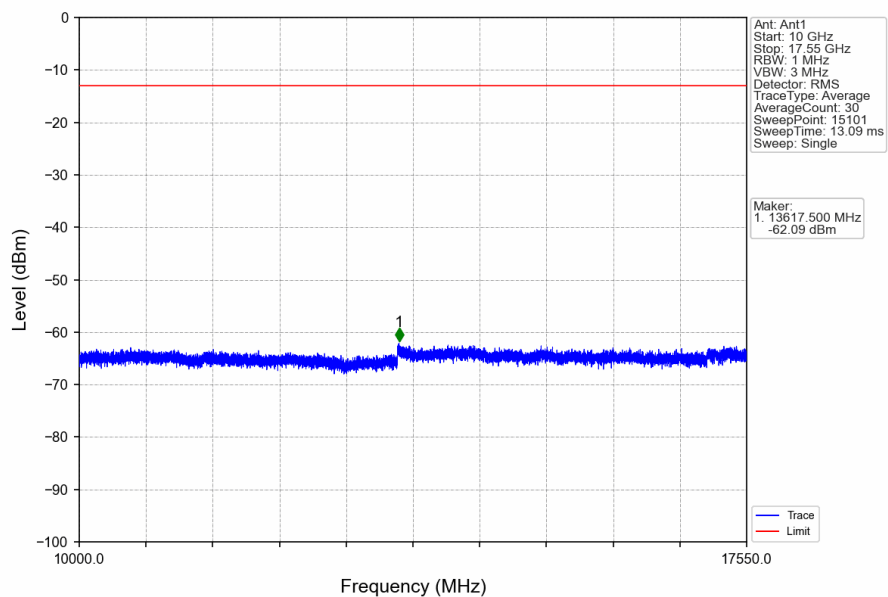
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



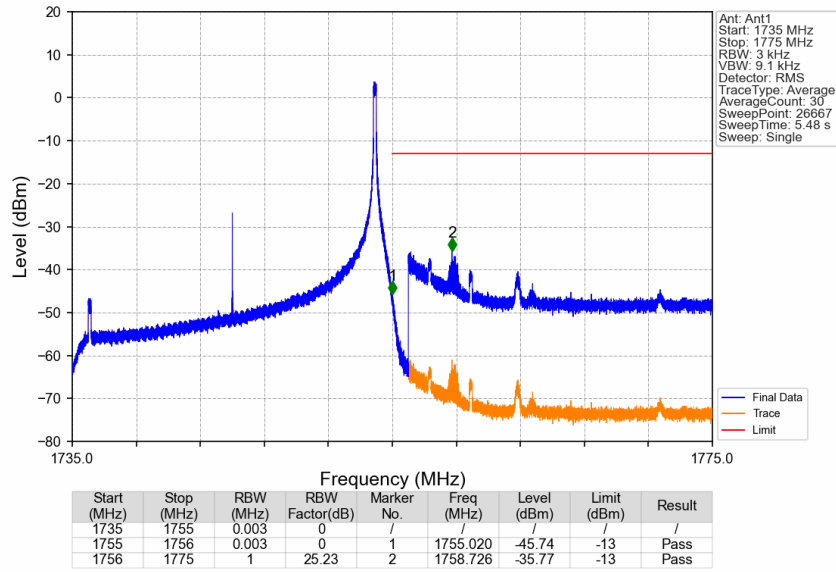
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



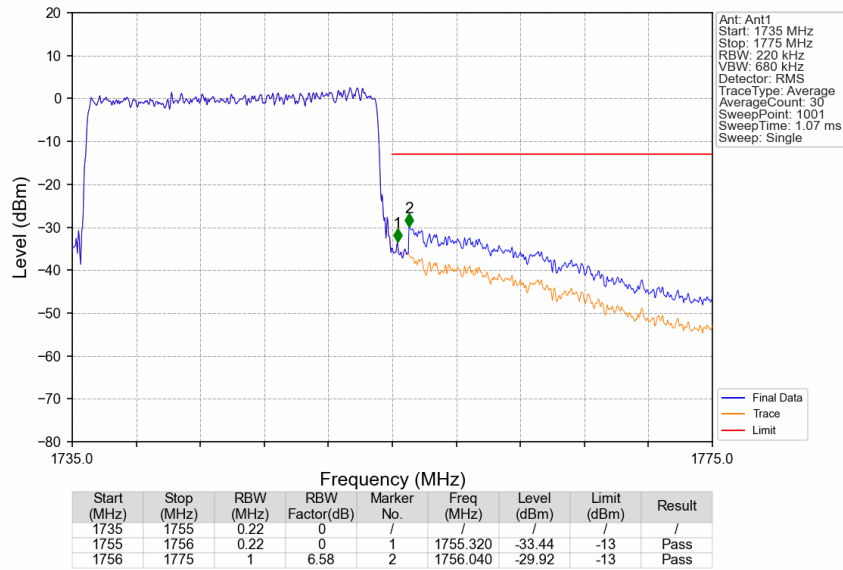
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



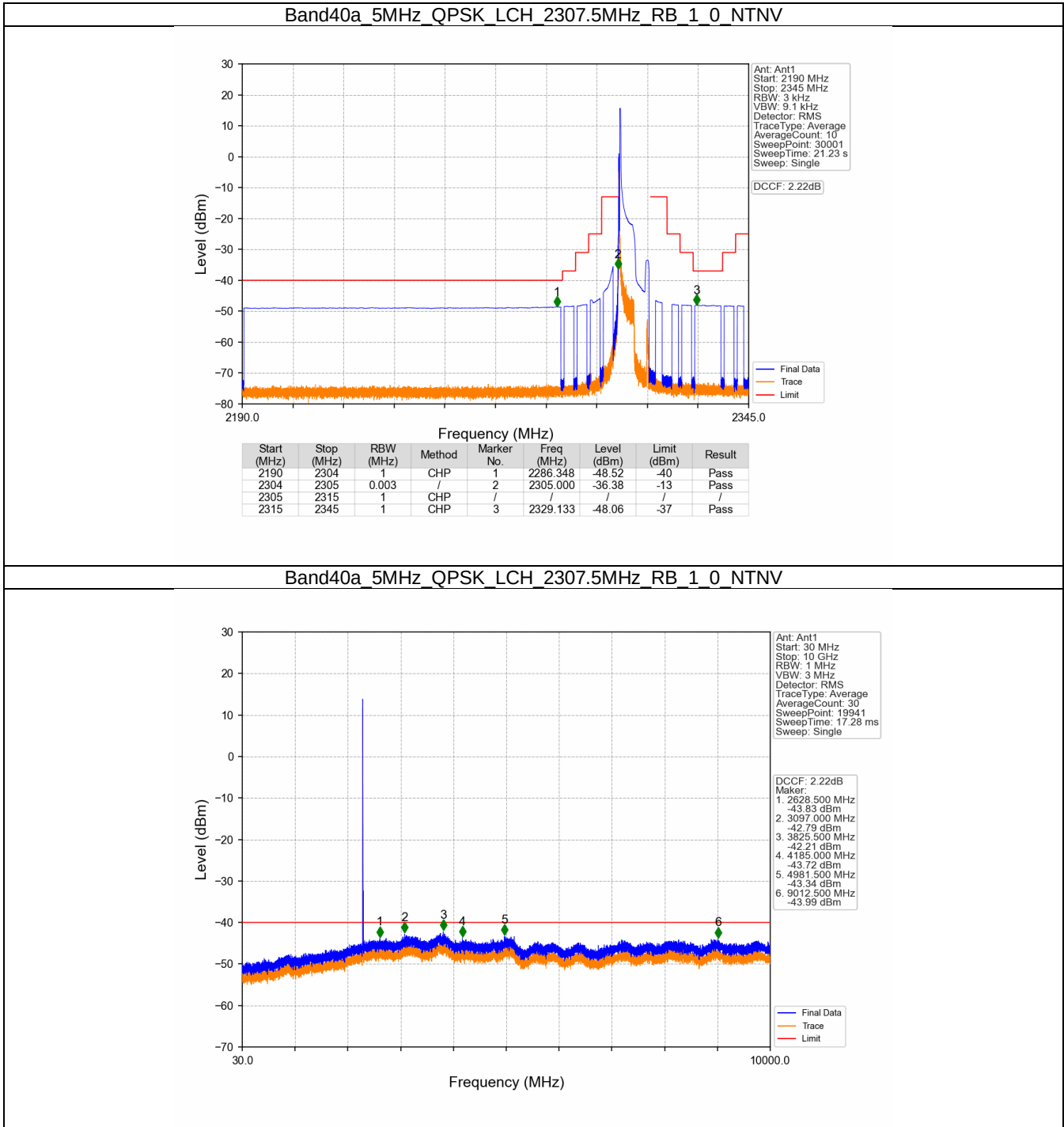
4. Spurious Emission

4.1 B40a_5MHz

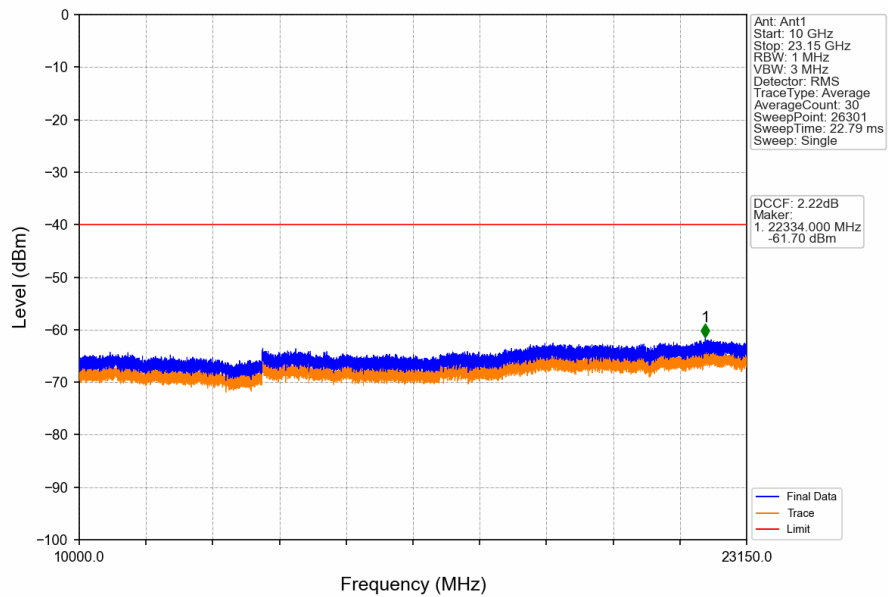
4.1.1 Test Result

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

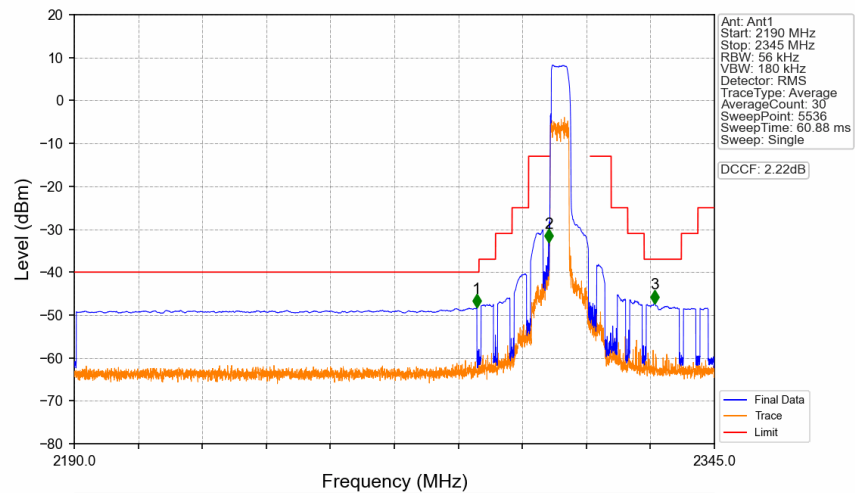
4.1.2 Test Graph



Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV

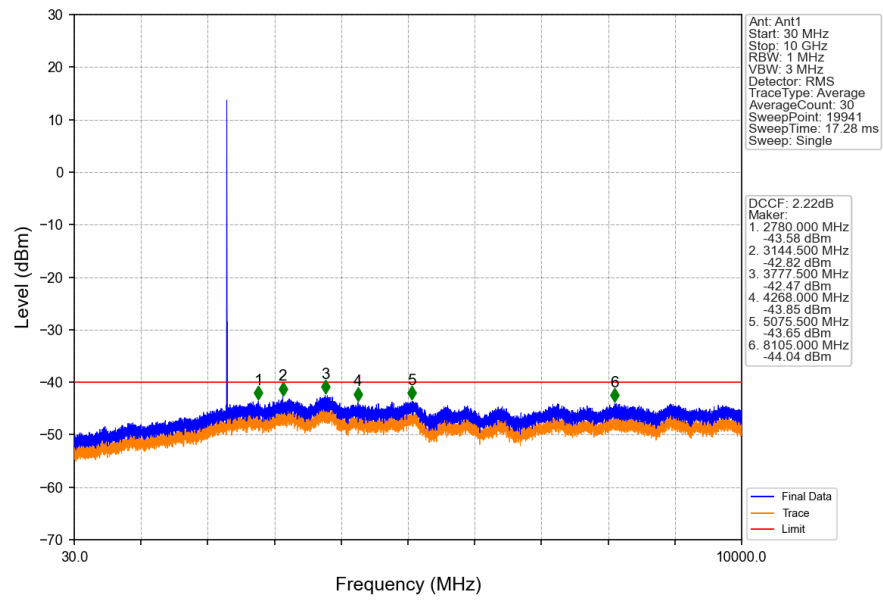


Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV

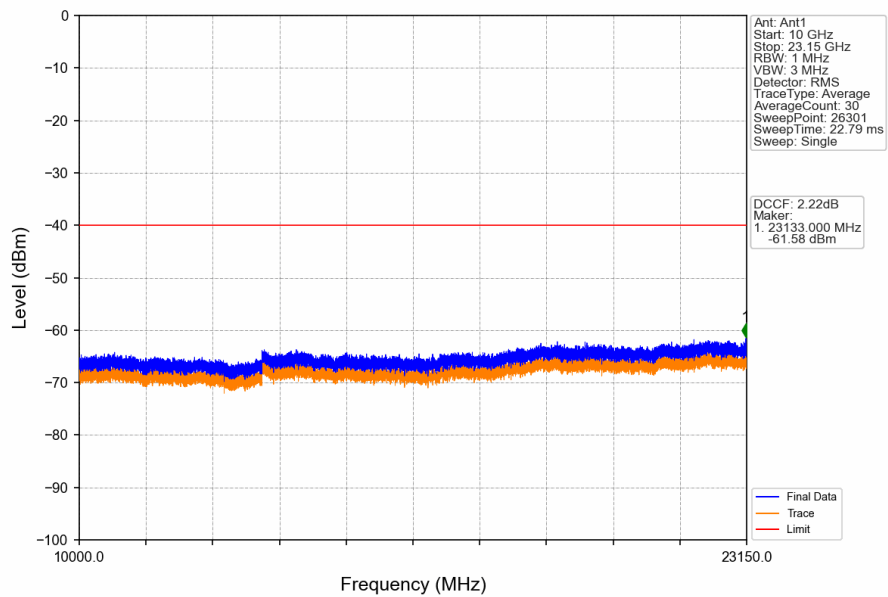


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2287.481	-48.25	-40	Pass
2304	2305	0.056	/	2	2304.899	-33.07	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2330.550	-47.30	-37	Pass

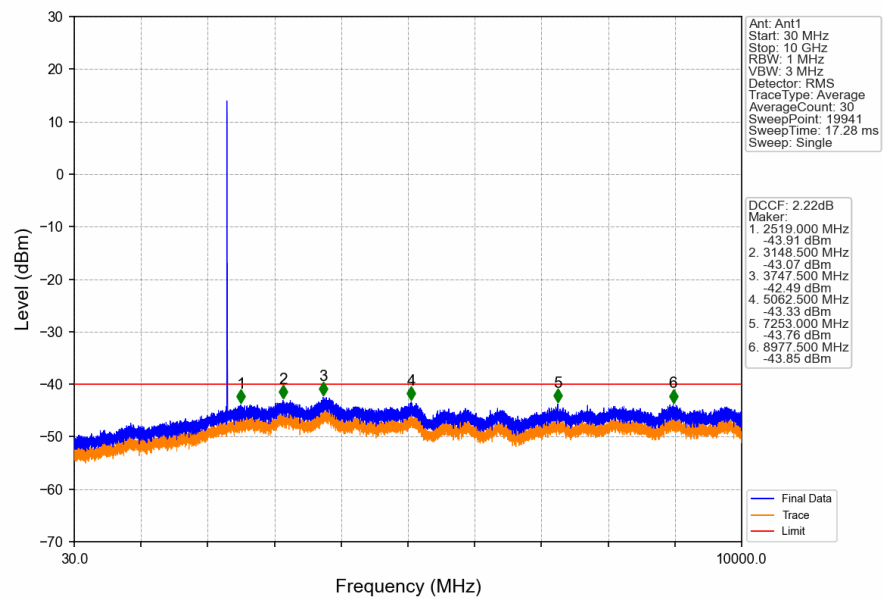
Band40a_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



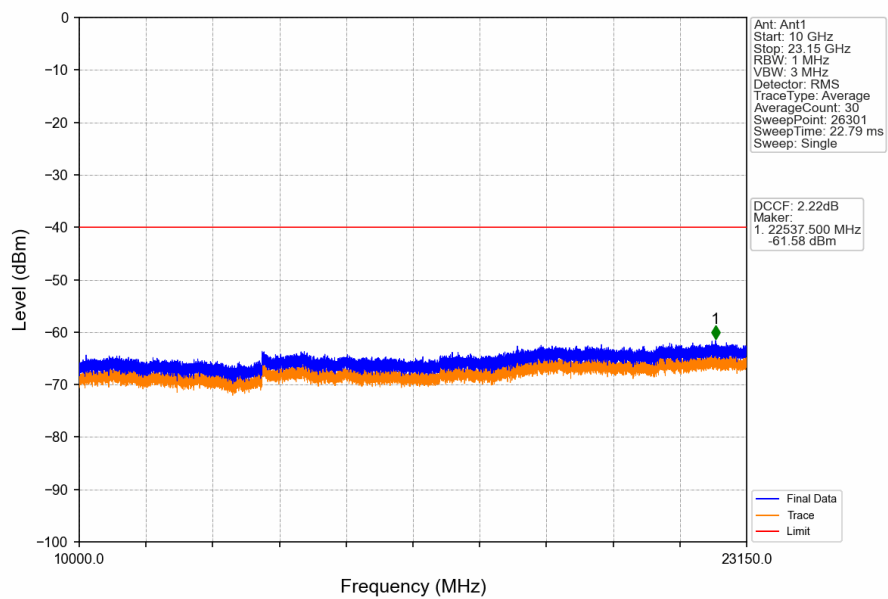
Band40a_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



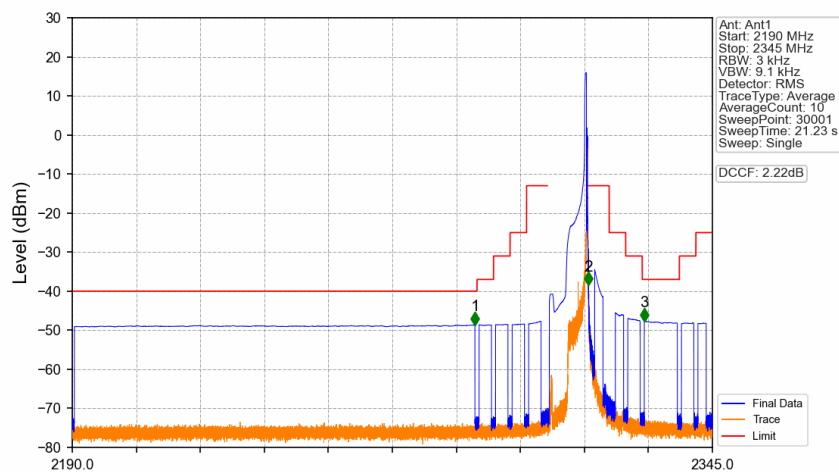
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV



Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV

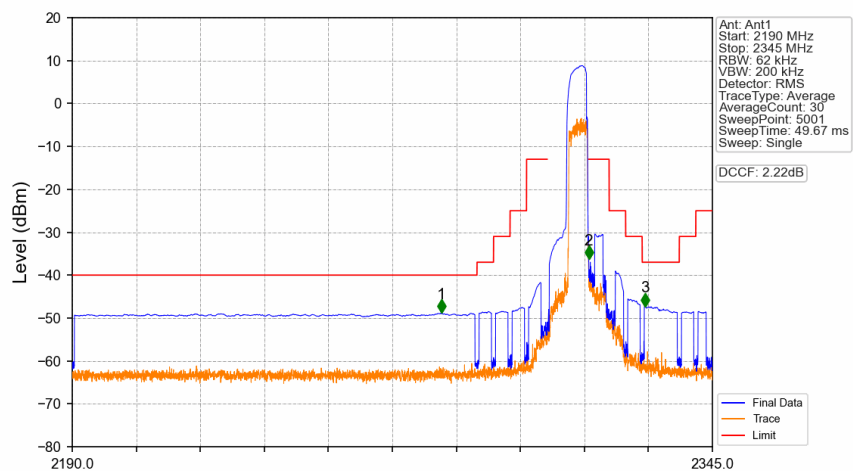


Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_24_NTNV



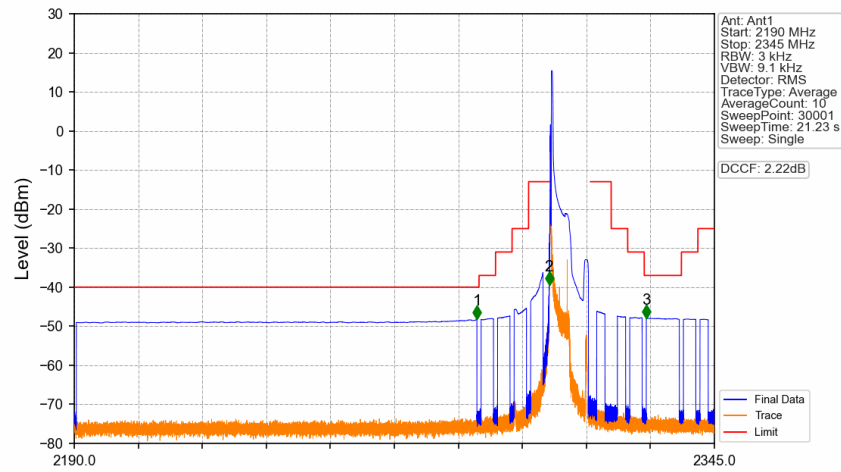
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2287.485	-48.68	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	2	2315.023	-38.44	-13	Pass
2316	2345	1	CHP	3	2328.503	-47.72	-37	Pass

Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



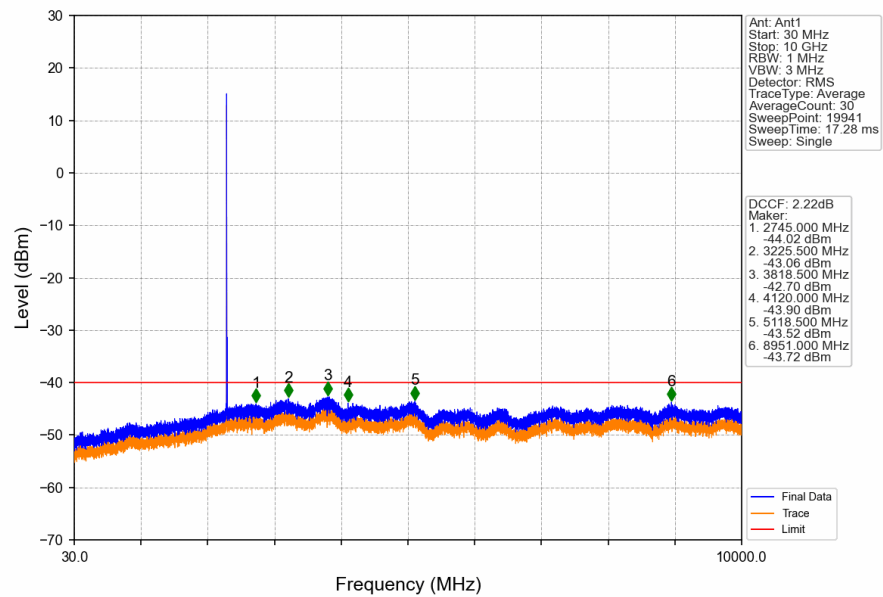
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2279.373	-48.85	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.062	/	2	2315.054	-36.34	-13	Pass
2316	2345	1	CHP	3	2328.756	-47.30	-37	Pass

Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV

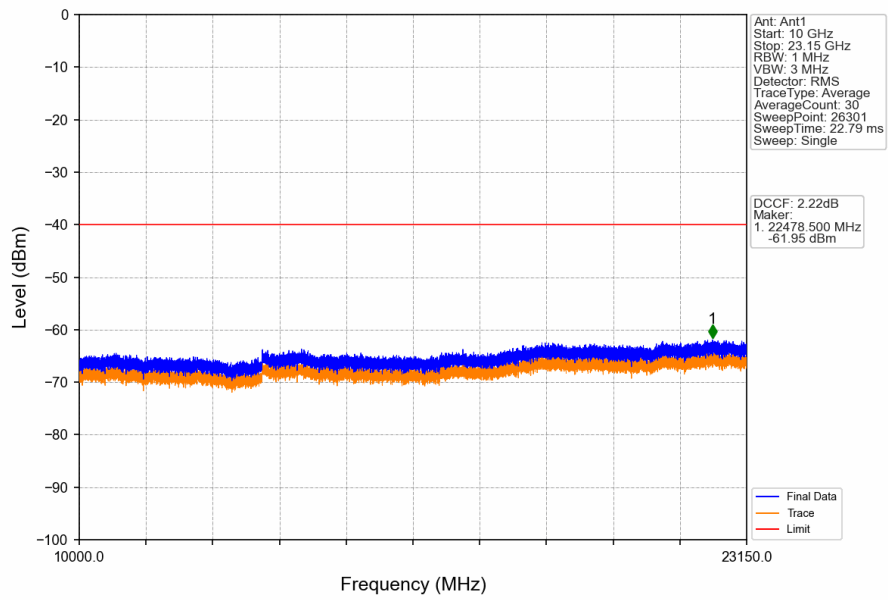


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2287.495	-48.25	-40	Pass
2304	2305	0.003	/	2	2305.000	-39.41	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2328.591	-47.95	-37	Pass

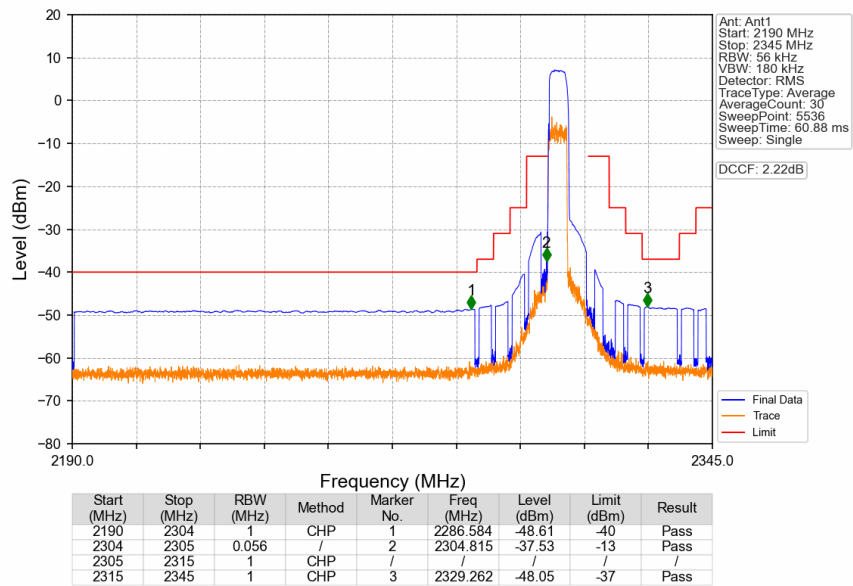
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV



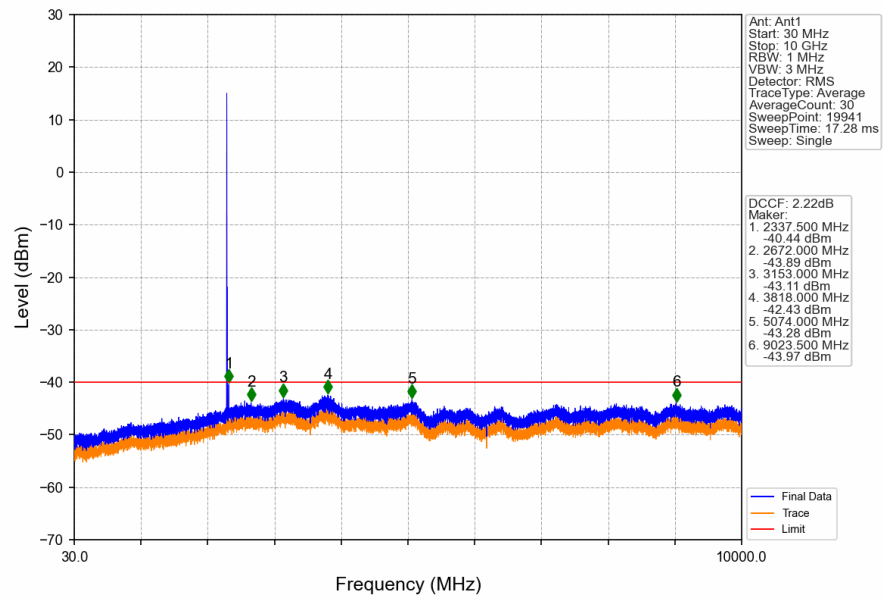
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV



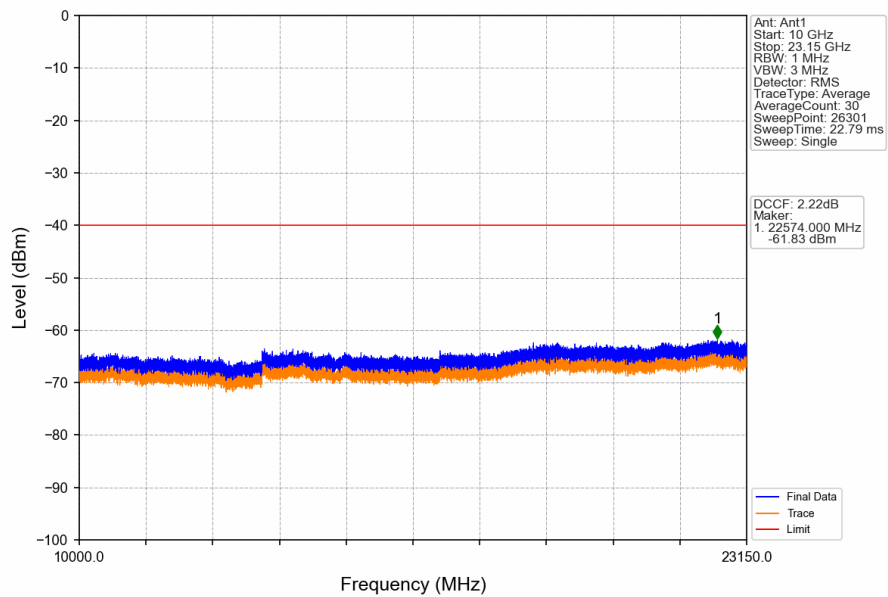
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



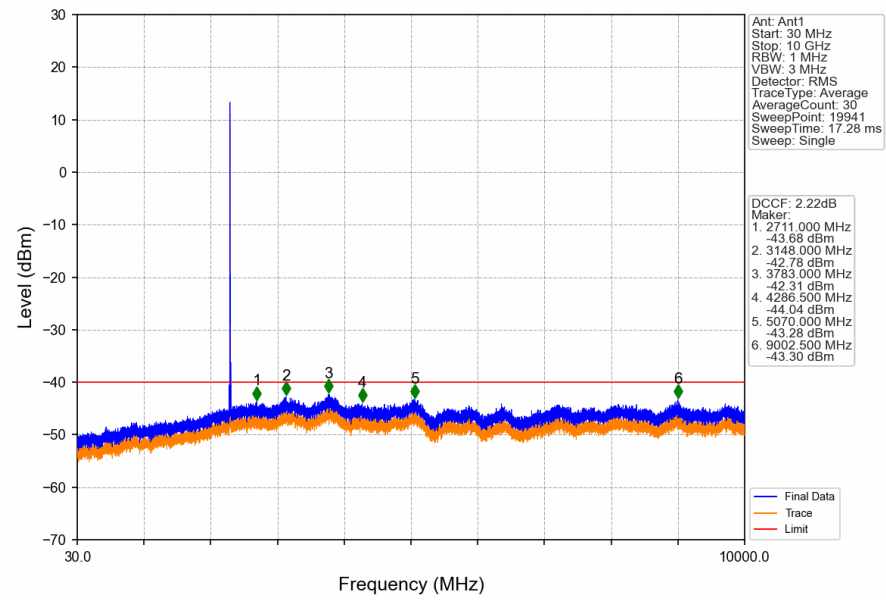
Band40a_5MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



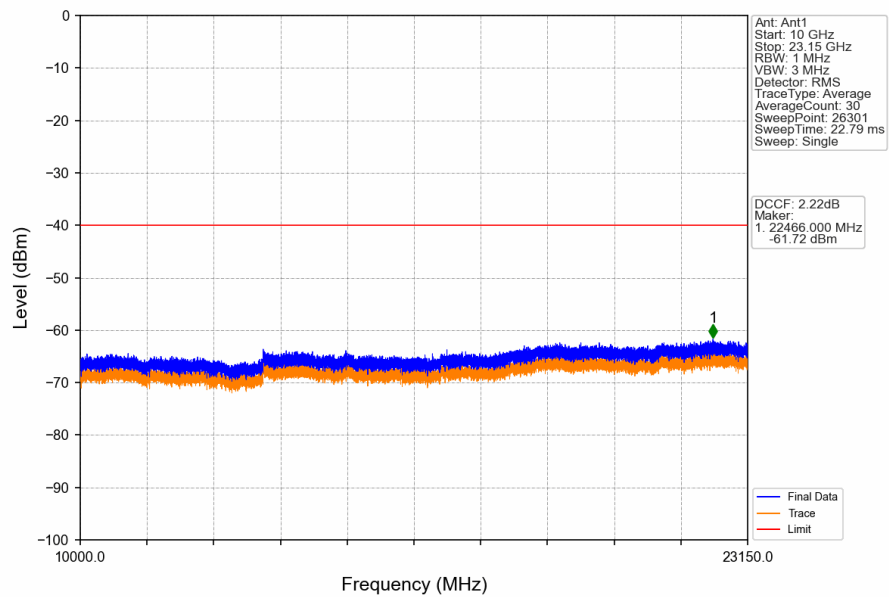
Band40a_5MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



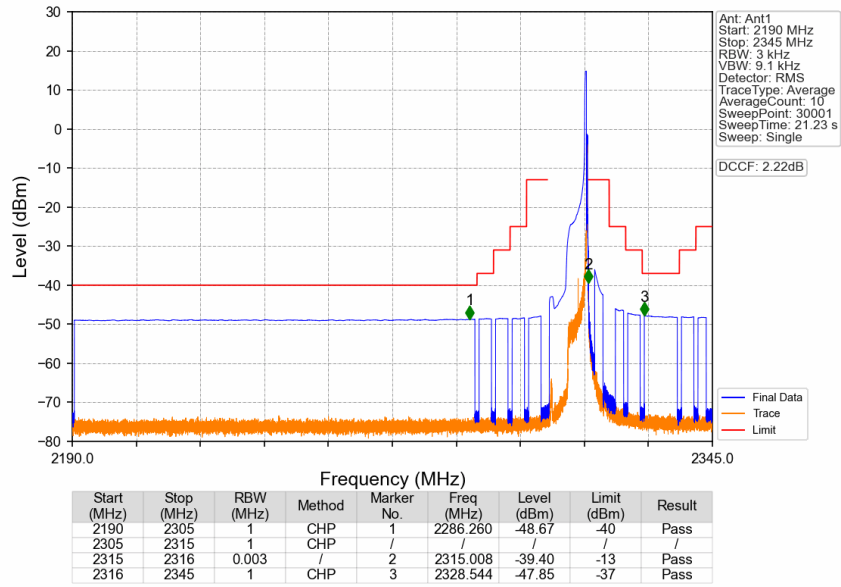
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_1_0_NTNV



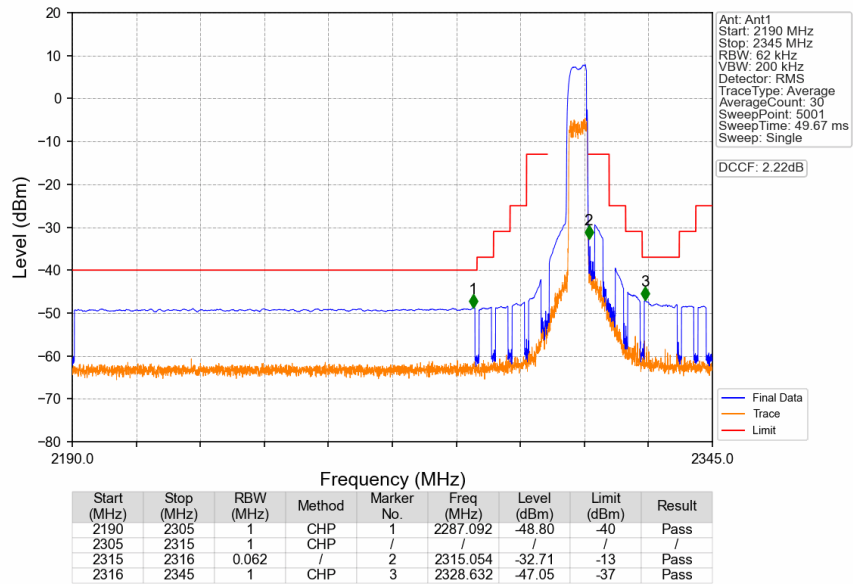
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_1_0_NTNV



Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_1_24_NTNV



Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV

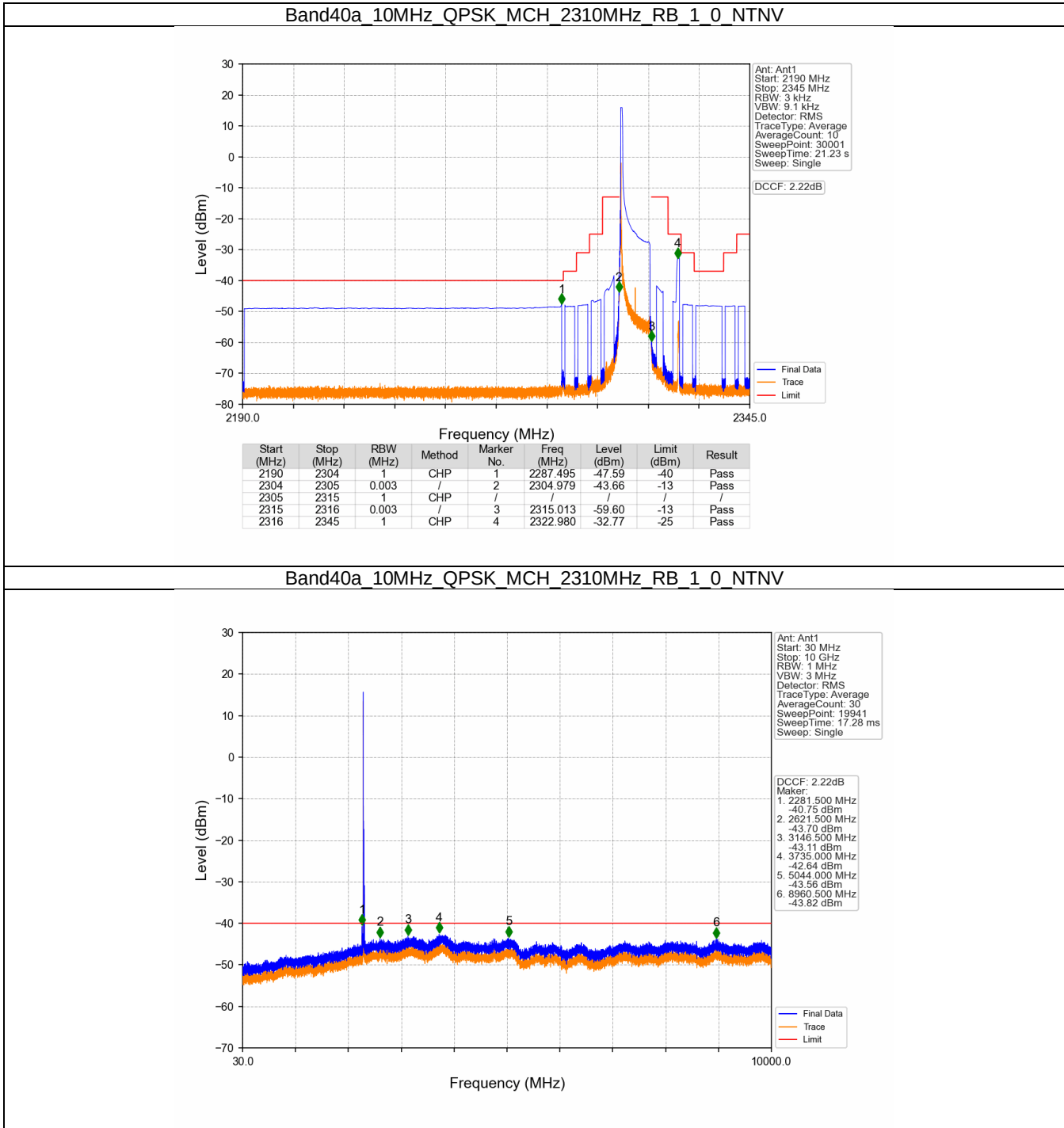


4.2 B40a_10MHz

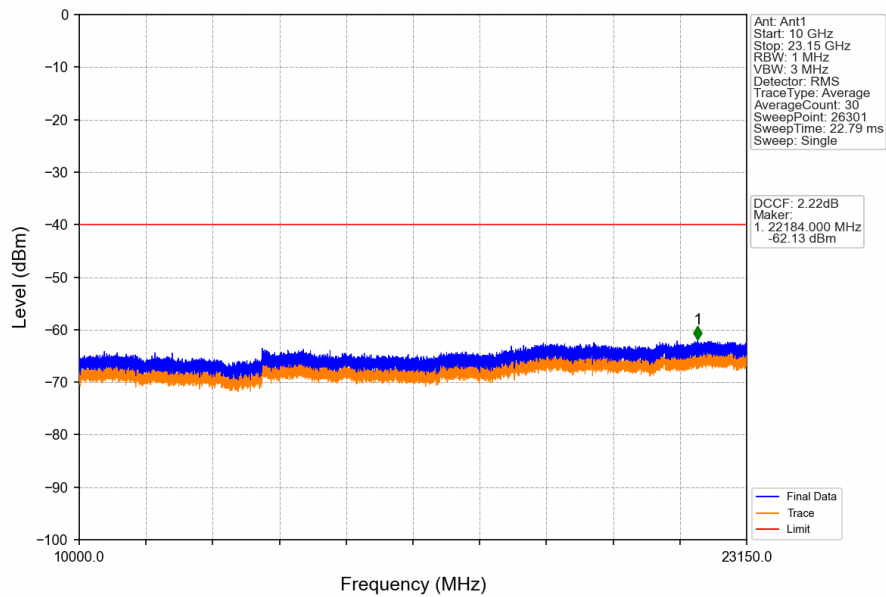
4.2.1 Test Result

Band: 40a / Bandwidth: 10MHz / NTN/V						
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

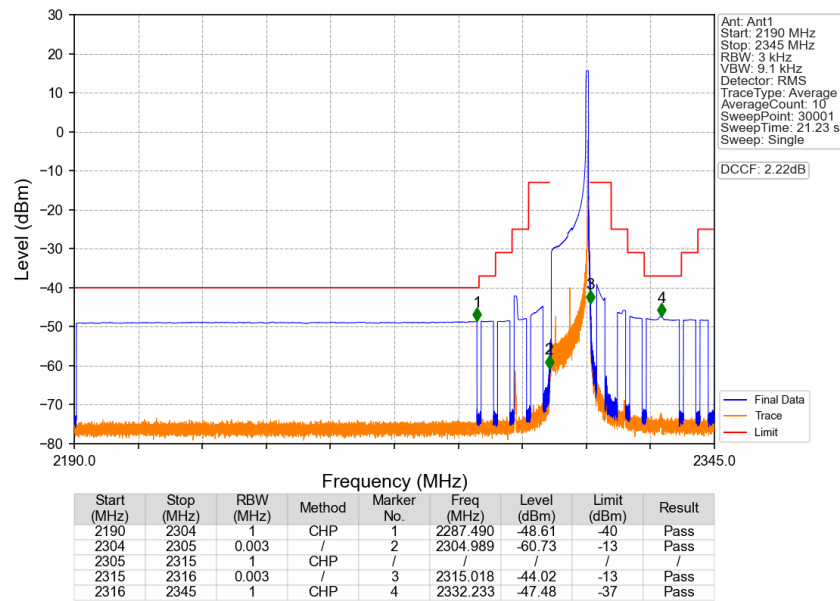
4.2.2 Test Graph



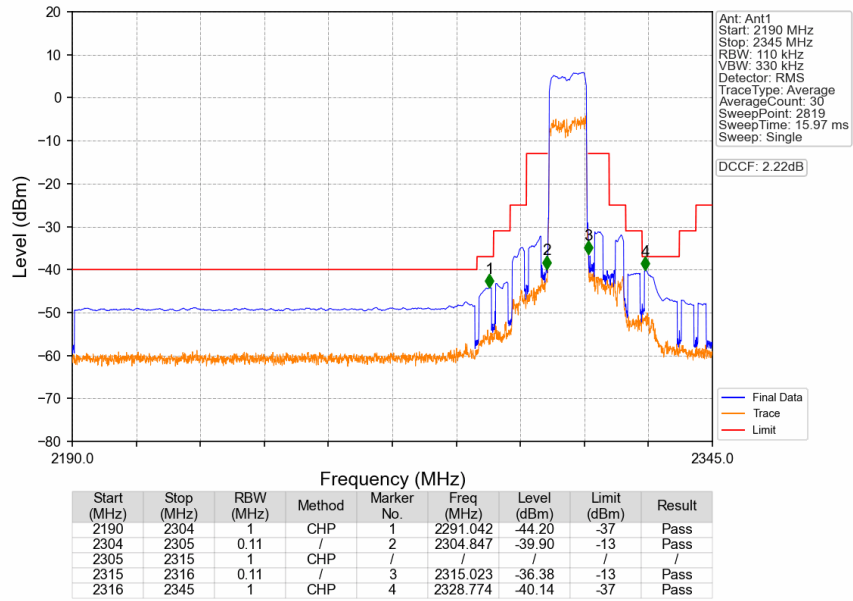
Band40a_10MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



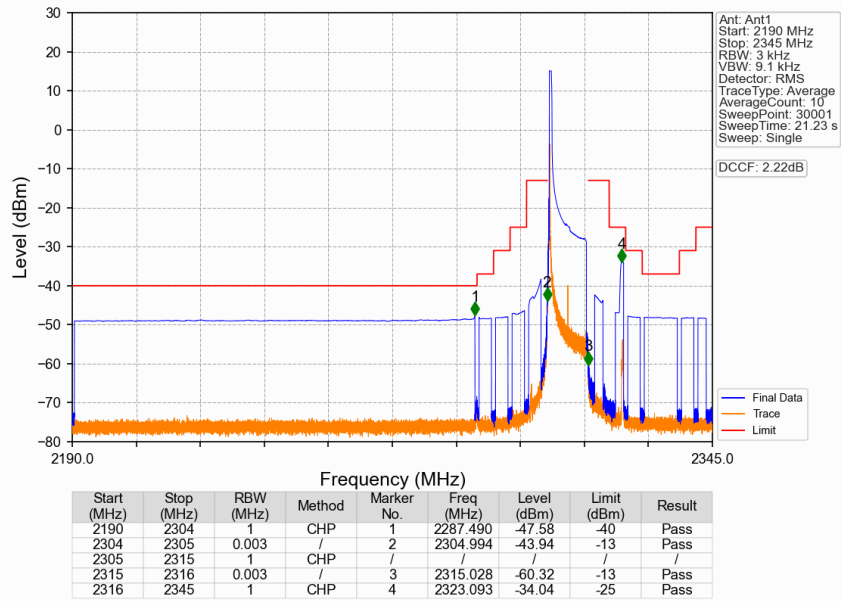
Band40a_10MHz_QPSK_MCH_2310MHz_RB_1_49_NTNV



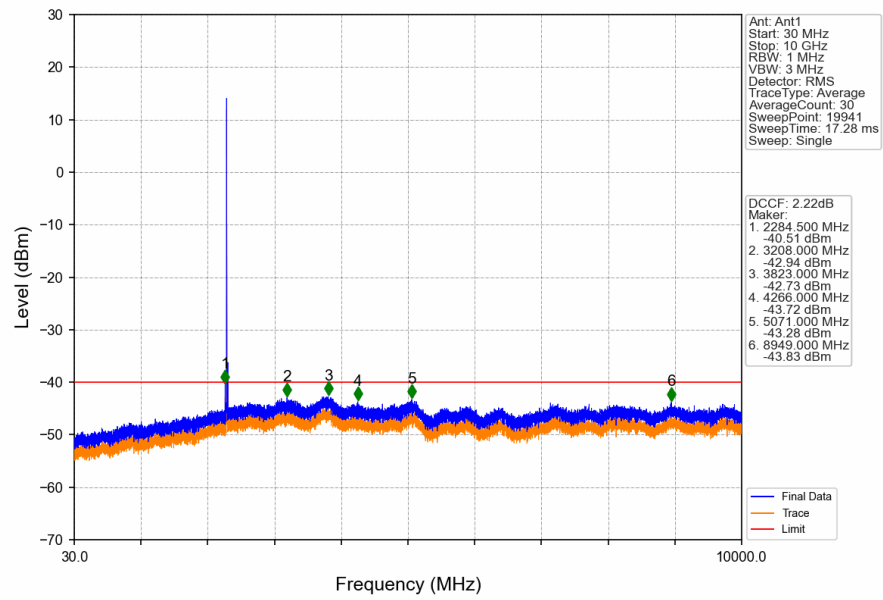
Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



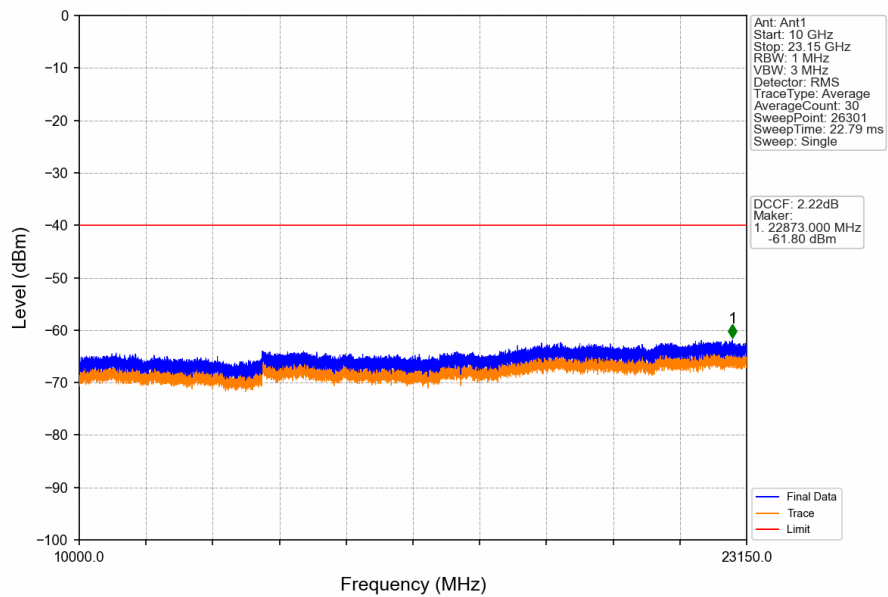
Band40a_10MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



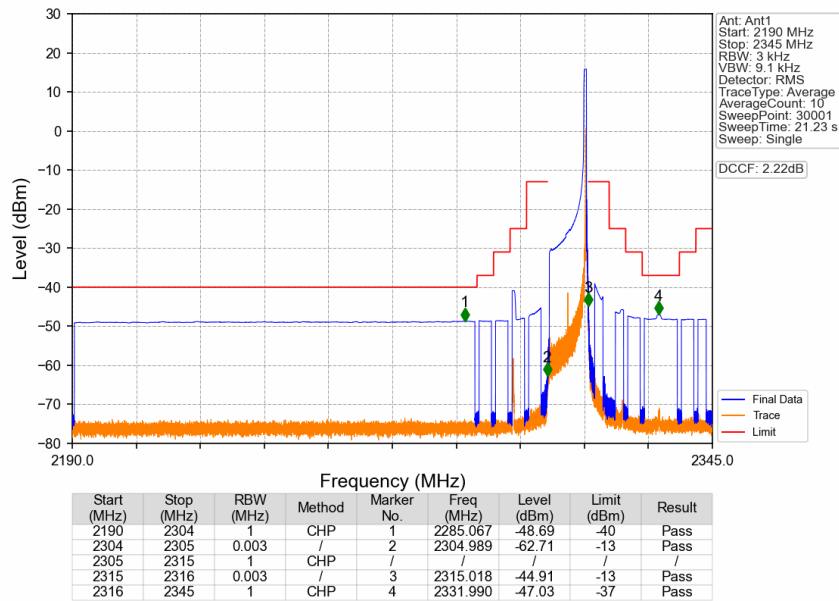
Band40a_10MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



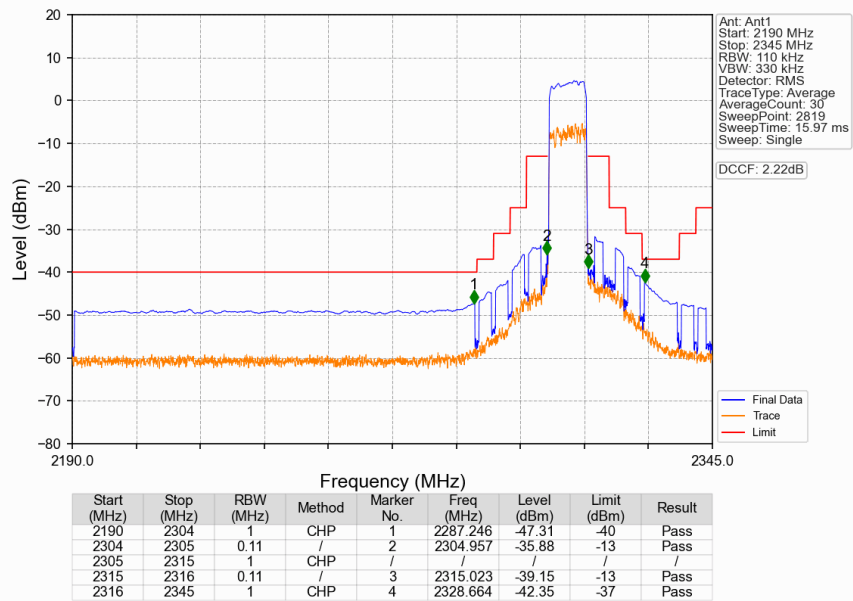
Band40a_10MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



Band40a_10MHz_16QAM_MCH_2310MHz_RB_1_49_NTNV



Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



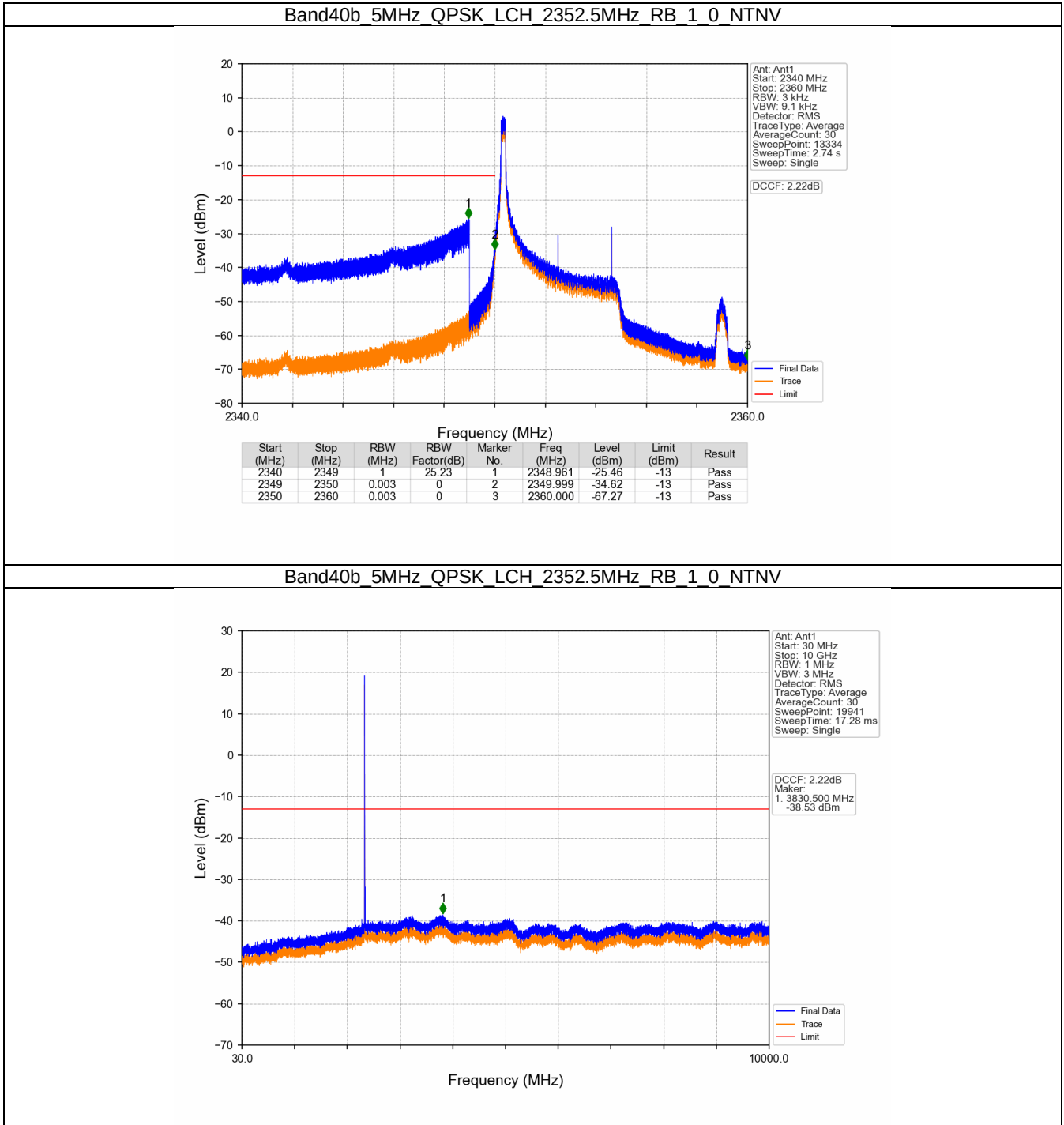
5. Spurious Emission

5.1 B40b_5MHz

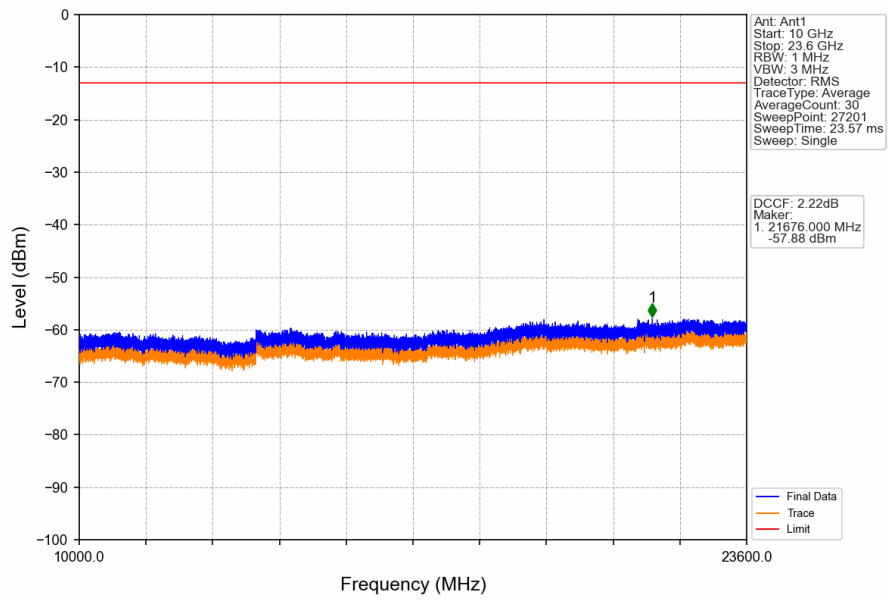
5.1.1 Test Result

Band: 40b / Bandwidth: 5MHz / NTN					
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
	2357.5	1	0	Refer To Test Graph	Pass
		1	24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
16QAM	2352.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2357.5	1	0	Refer To Test Graph	Pass
		1	24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

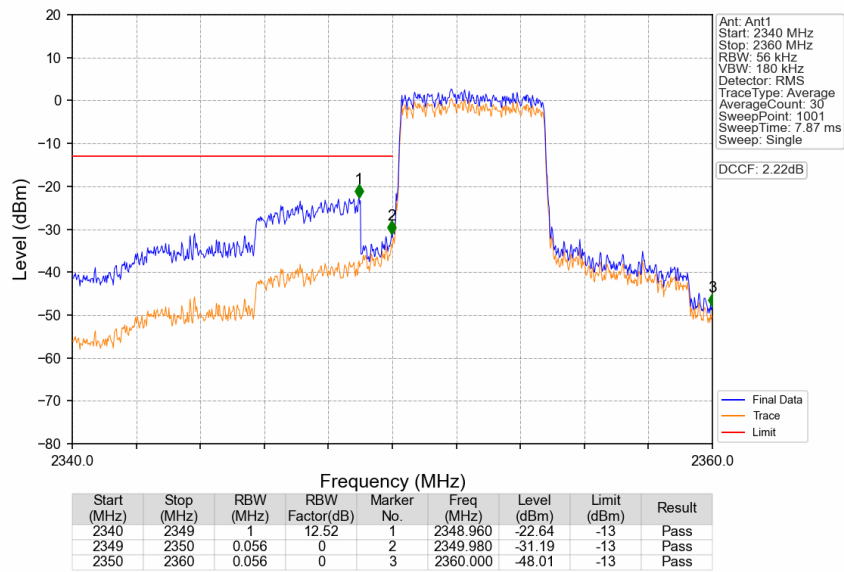
5.1.2 Test Graph



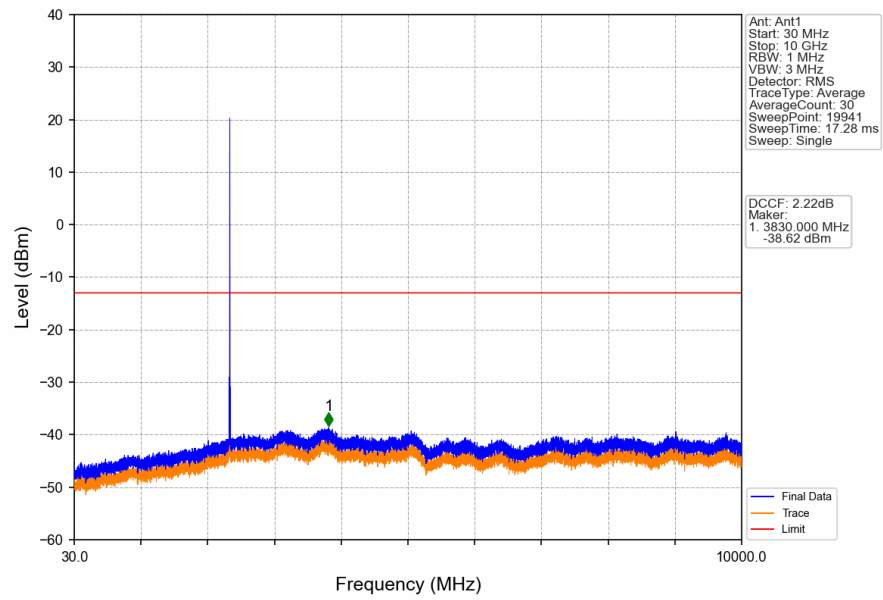
Band40b_5MHz_QPSK_LCH_2352.5MHz_RB_1_0_NTNV



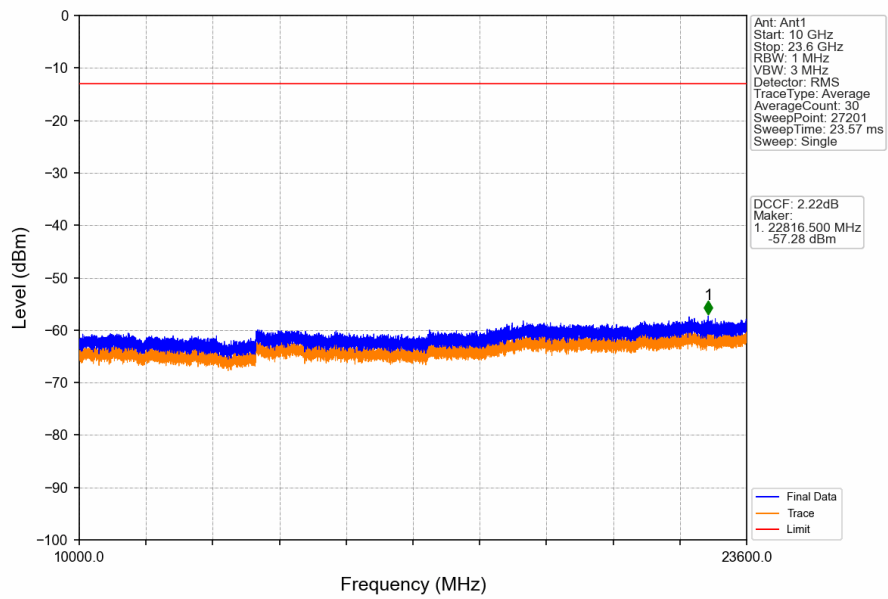
Band40b_5MHz_QPSK_LCH_2352.5MHz_RB_25_0_NTNV



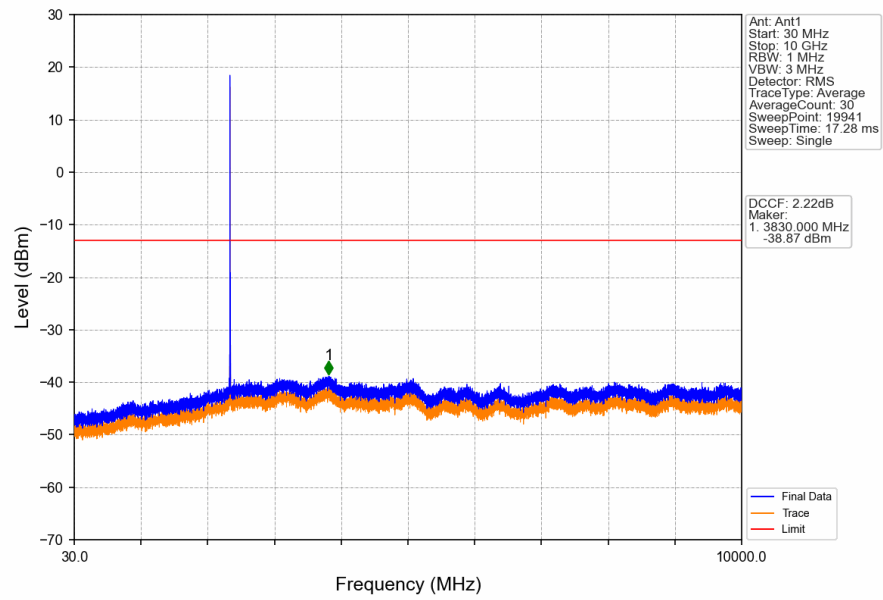
Band40b_5MHz_QPSK_MCH_2355MHz_RB_1_0_NTNV



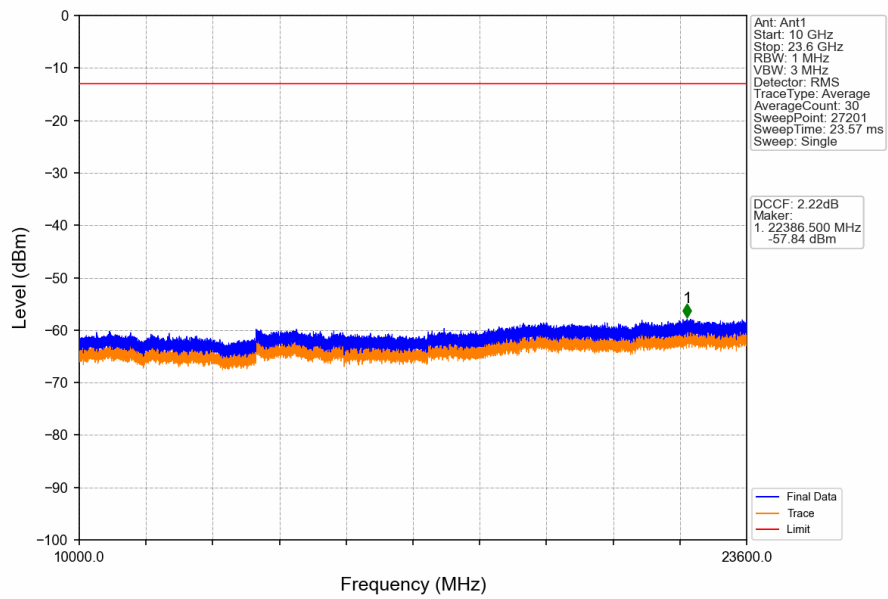
Band40b_5MHz_QPSK_MCH_2355MHz_RB_1_0_NTNV



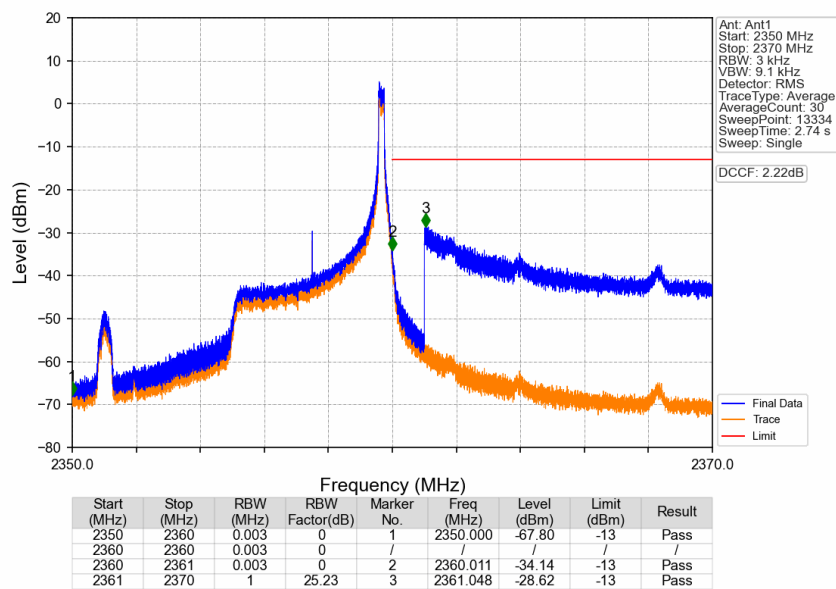
Band40b_5MHz_QPSK_HCH_2357.5MHz_RB_1_0_NTNV



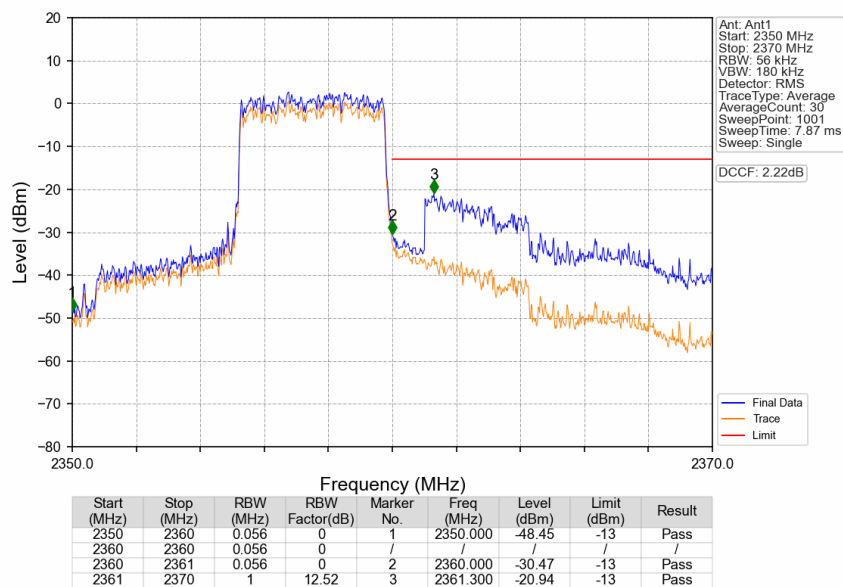
Band40b_5MHz_QPSK_HCH_2357.5MHz_RB_1_0_NTNV



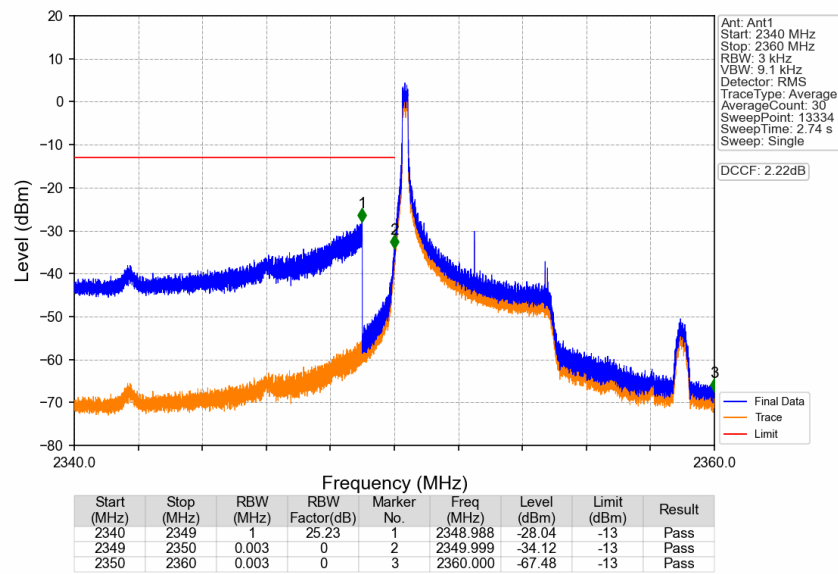
Band40b_5MHz_QPSK_HCH_2357.5MHz_RB_1_24_NTNV



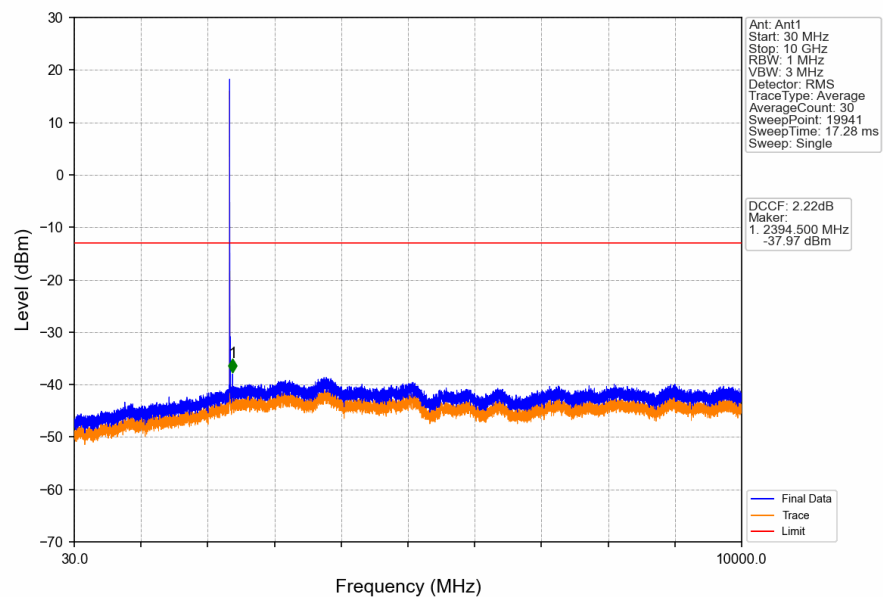
Band40b_5MHz_QPSK_HCH_2357.5MHz_RB_25_0_NTNV



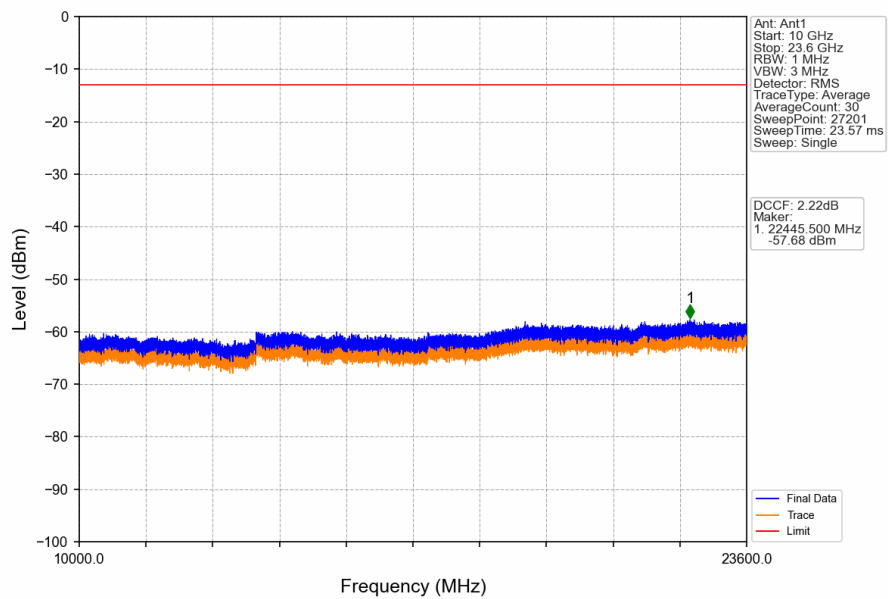
Band40b_5MHz_16QAM_LCH_2352.5MHz_RB_1_0_NTNV



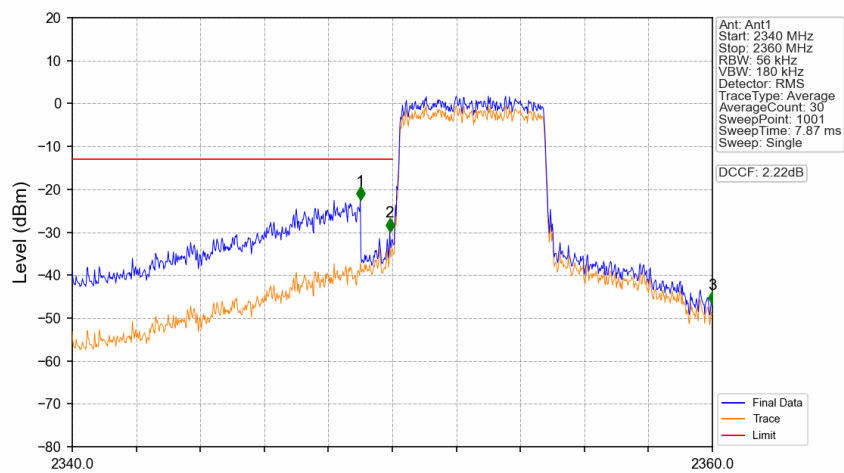
Band40b_5MHz_16QAM_LCH_2352.5MHz_RB_1_0_NTNV



Band40b_5MHz_16QAM_LCH_2352.5MHz_RB_1_0_NTNV

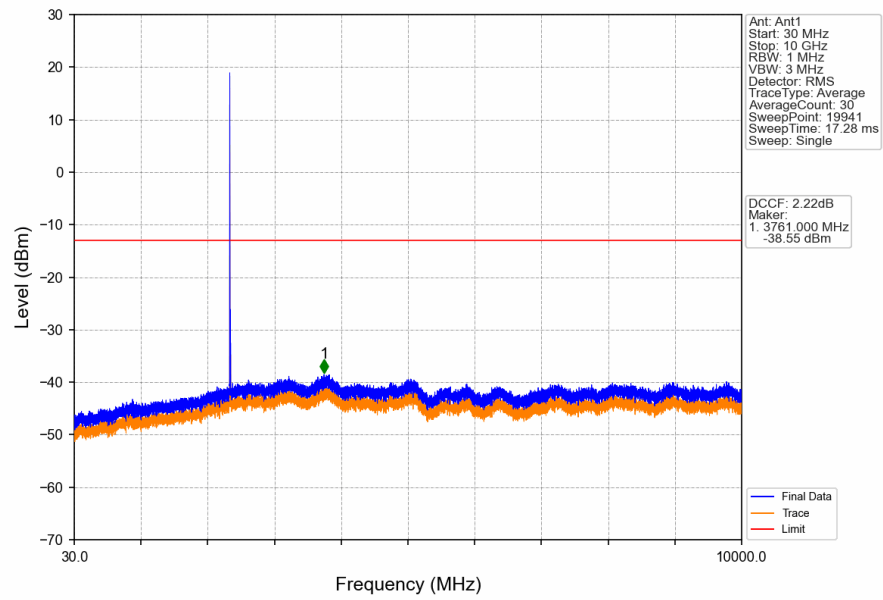


Band40b_5MHz_16QAM_LCH_2352.5MHz_RB_25_0_NTNV

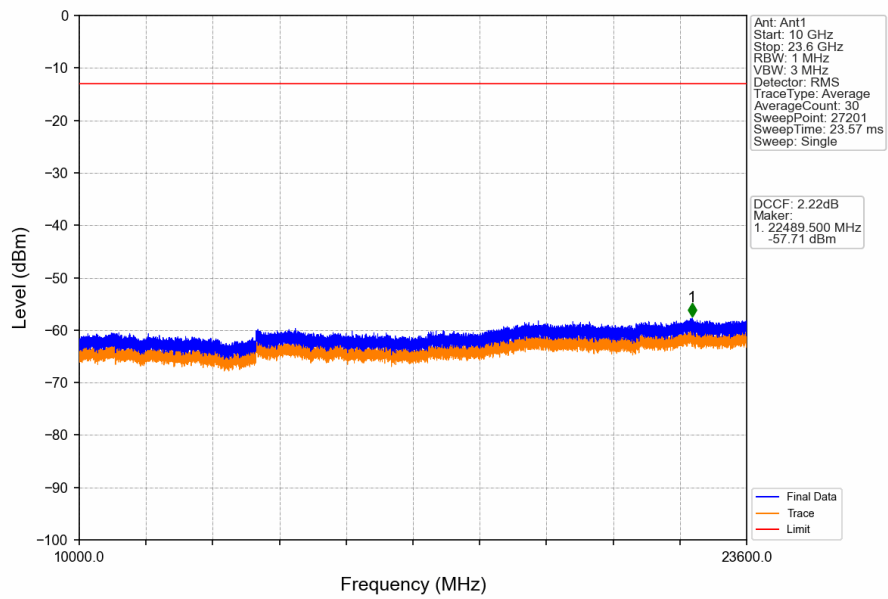


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2340	2349	1	12.52	1	2349.000	-22.47	-13	Pass
2349	2350	0.056	0	2	2349.920	-29.82	-13	Pass
2350	2360	0.056	0	3	2360.000	-46.78	-13	Pass

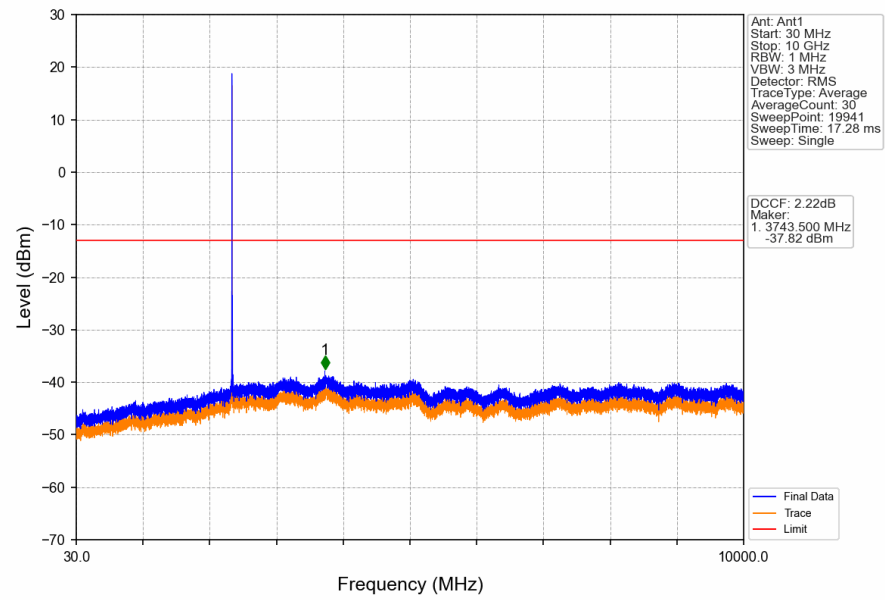
Band40b_5MHz_16QAM_MCH_2355MHz_RB_1_0_NTNV



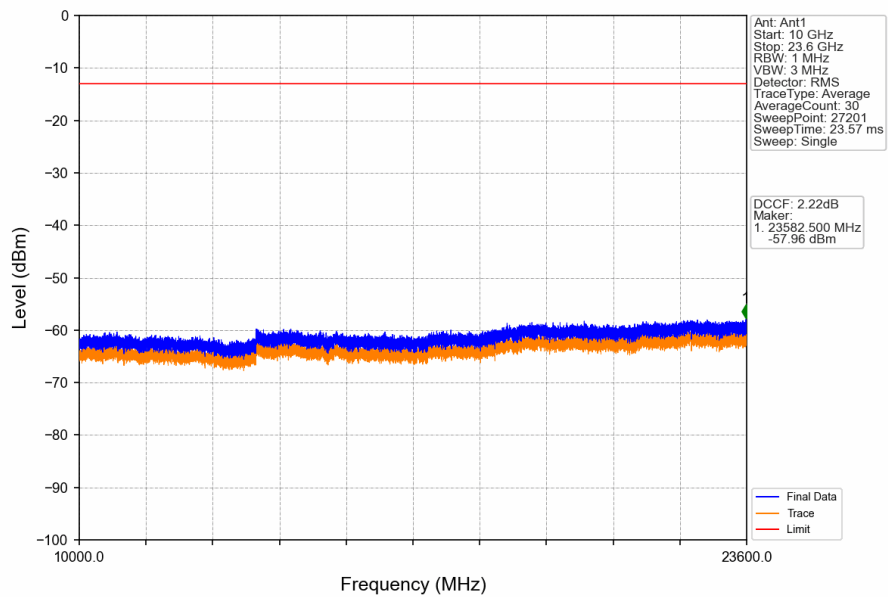
Band40b_5MHz_16QAM_MCH_2355MHz_RB_1_0_NTNV



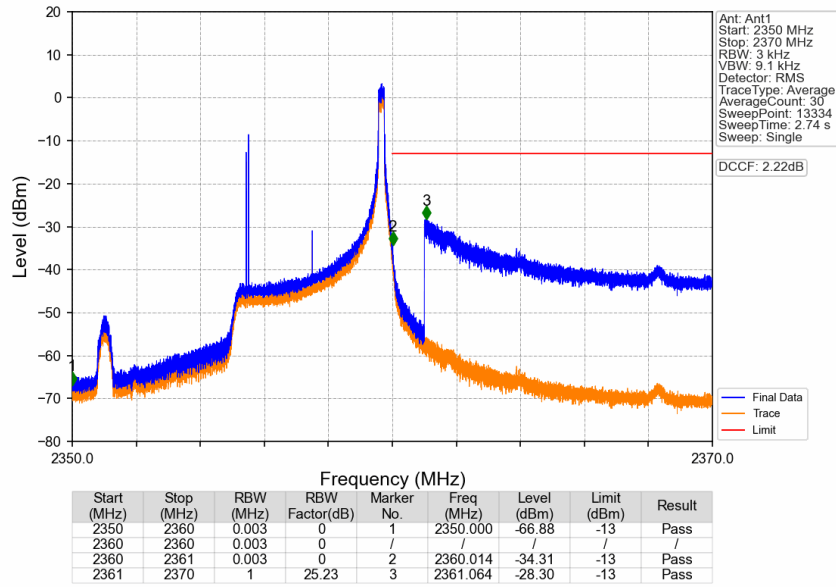
Band40b 5MHz 16QAM HCH 2357.5MHz RB 1 0 NTN



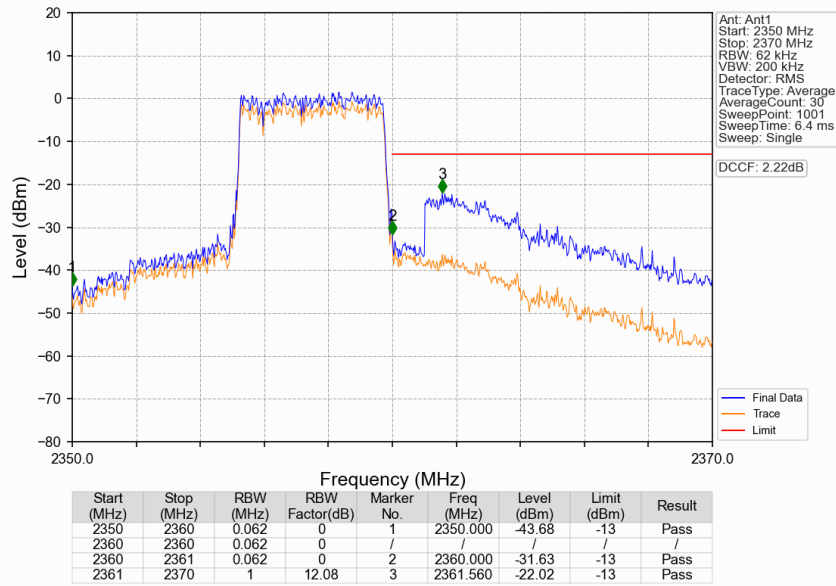
Band40b 5MHz 16QAM HCH 2357.5MHz RB 1 0 NTN



Band40b_5MHz_16QAM_HCH_2357.5MHz_RB_1_24_NTNV



Band40b_5MHz_16QAM_HCH_2357.5MHz_RB_25_0_NTNV

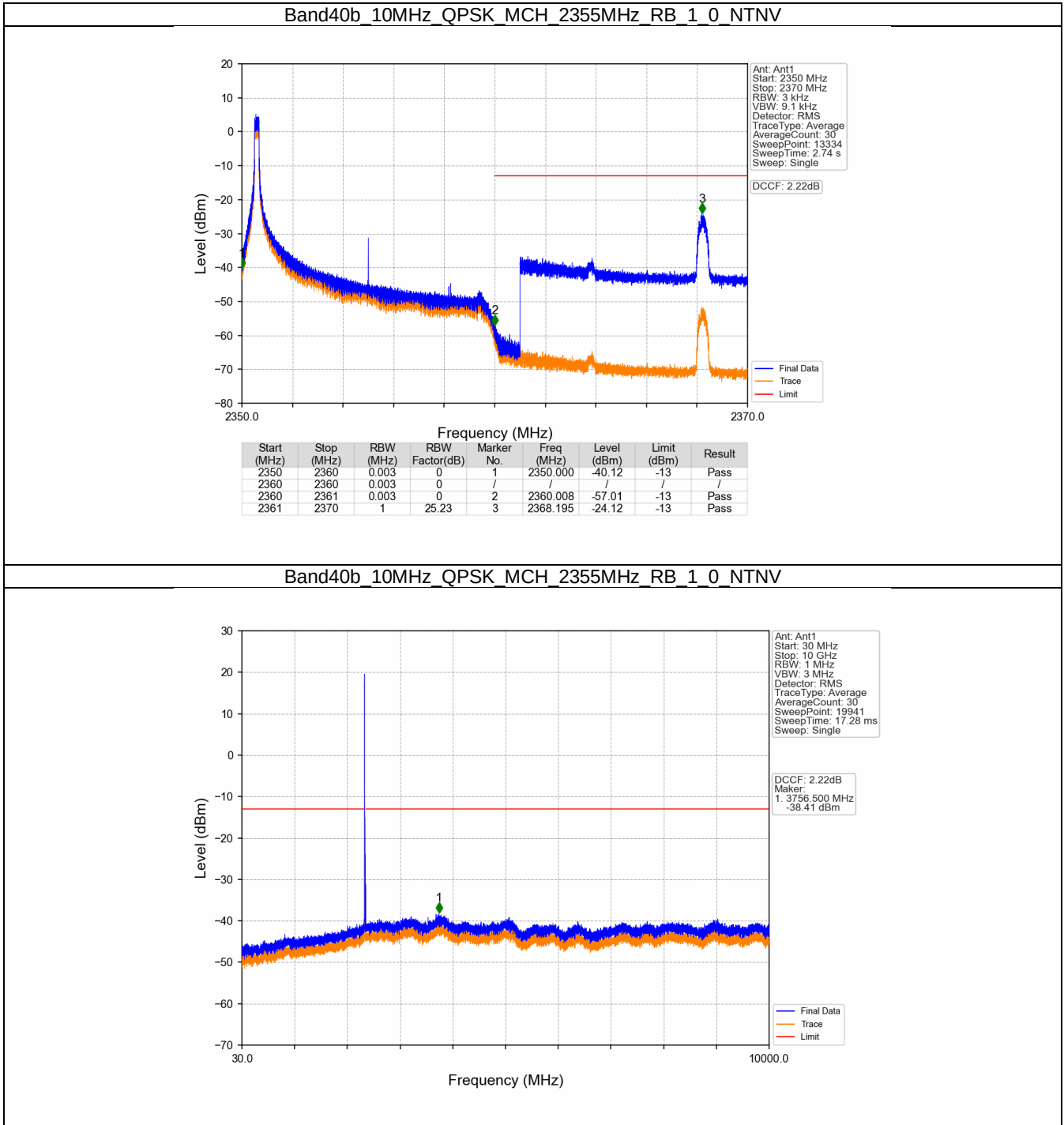


5.2 B40b_10MHz

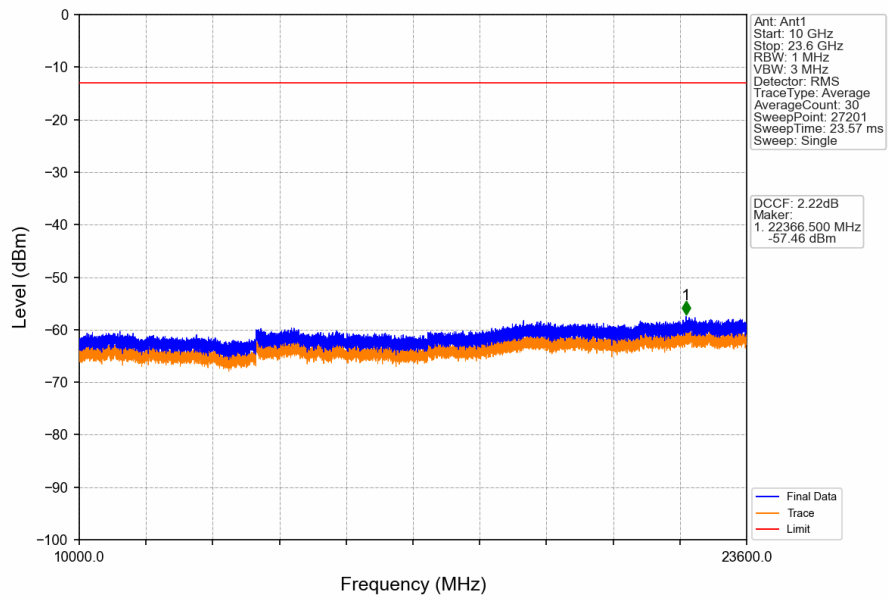
5.2.1 Test Result

Band: 40b / Bandwidth: 10MHz / NTN/V						
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

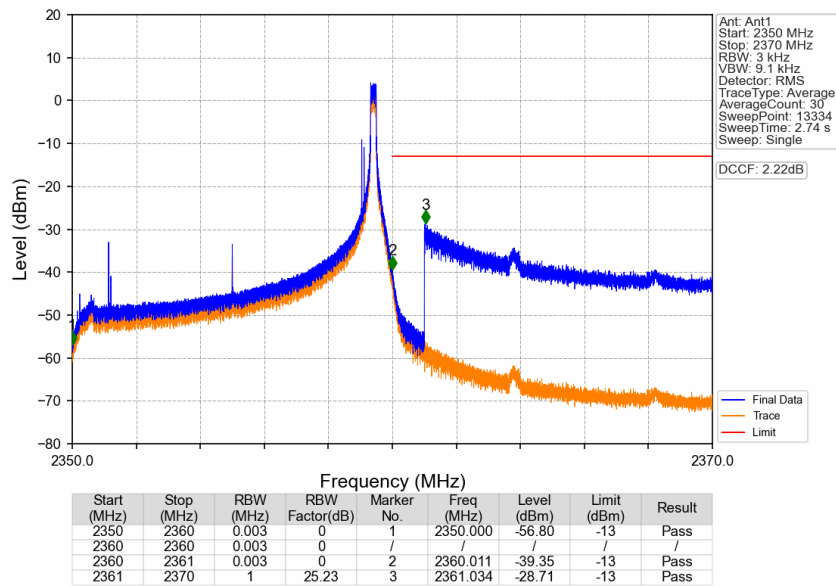
5.2.2 Test Graph



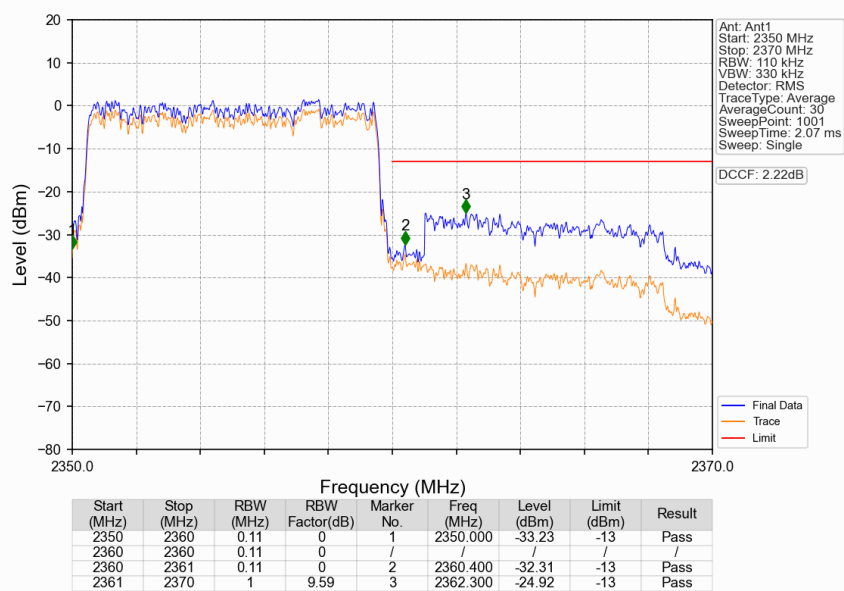
Band40b_10MHz_QPSK_MCH_2355MHz_RB_1_0_NTNV



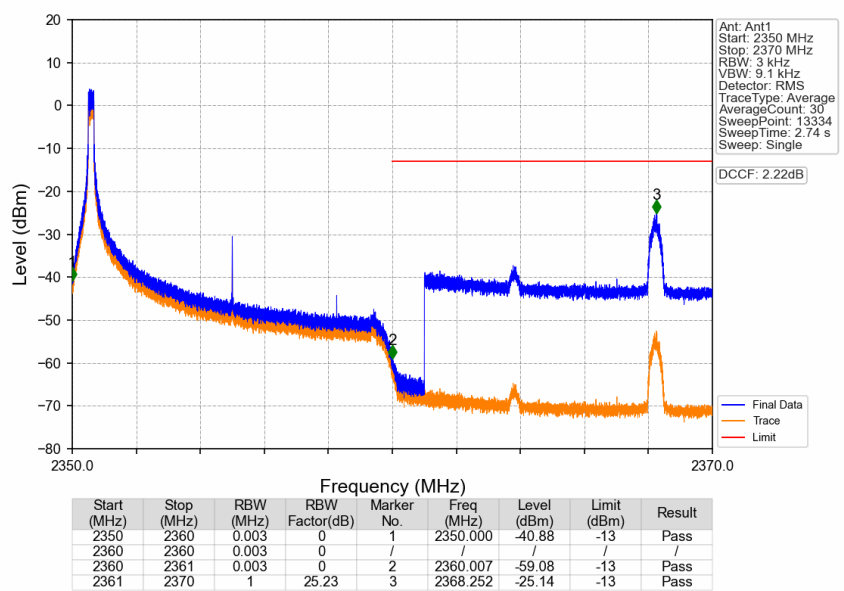
Band40b_10MHz_QPSK_MCH_2355MHz_RB_1_49_NTNV



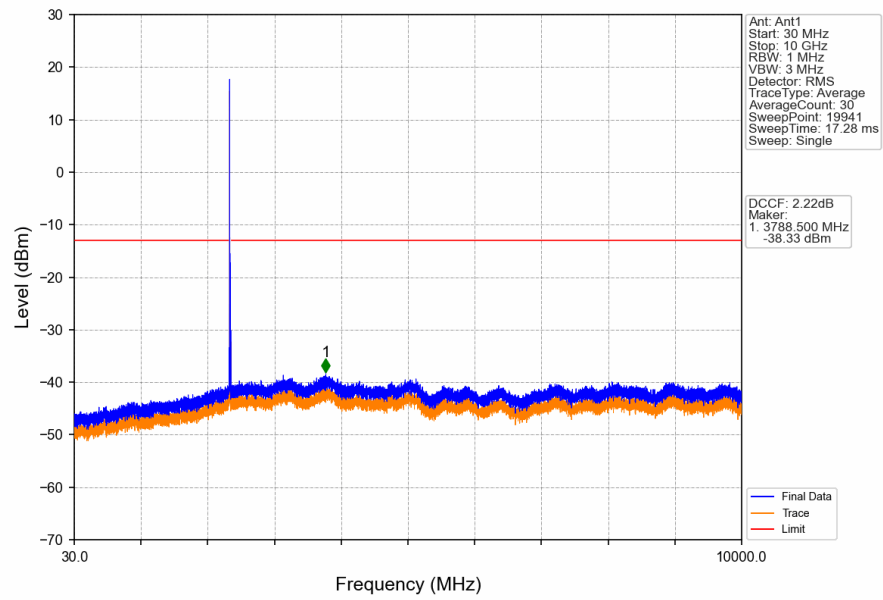
Band40b_10MHz_QPSK_MCH_2355MHz_RB_50_0_NTNV



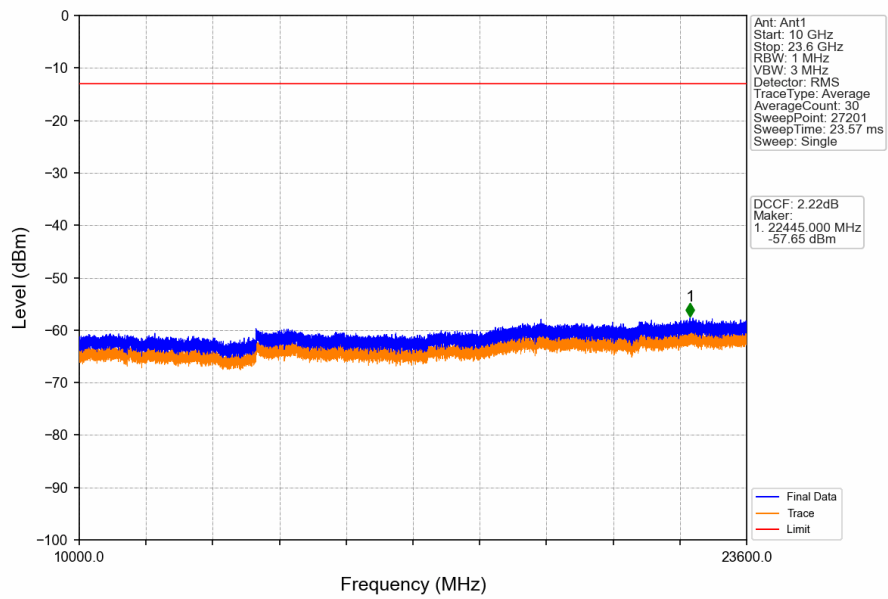
Band40b_10MHz_16QAM_MCH_2355MHz_RB_1_0_NTNV



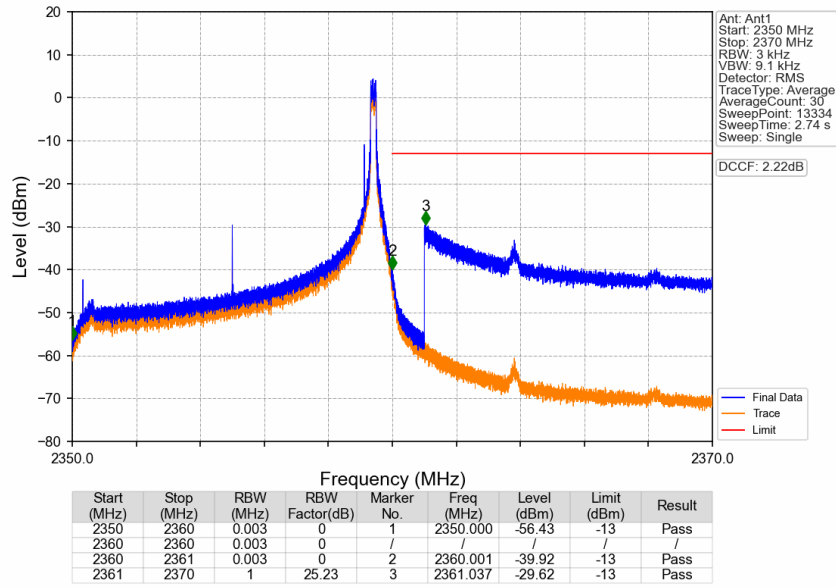
Band40b_10MHz_16QAM_MCH_2355MHz_RB_1_0_NTNV



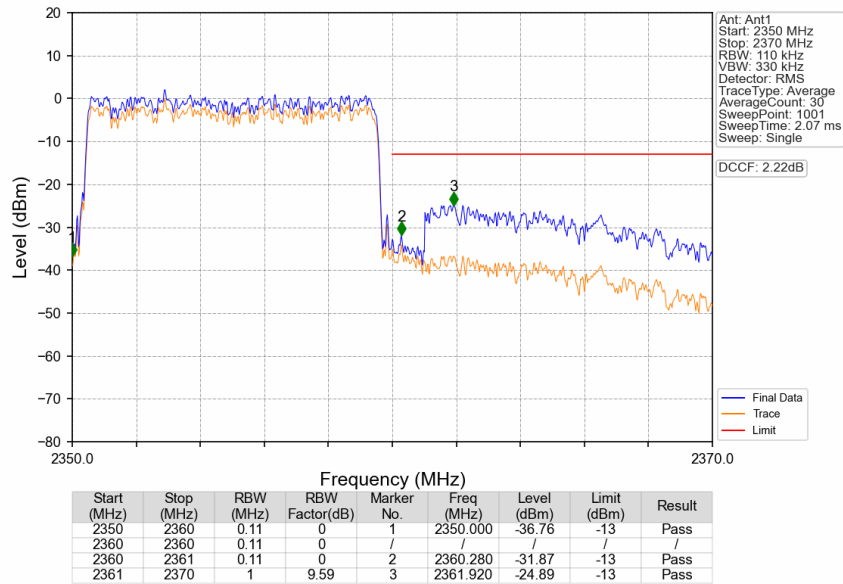
Band40b_10MHz_16QAM_MCH_2355MHz_RB_1_0_NTNV



Band40b_10MHz_16QAM_MCH_2355MHz_RB_1_49_NTNV



Band40b_10MHz_16QAM_MCH_2355MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 B41_5MHz

6.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass