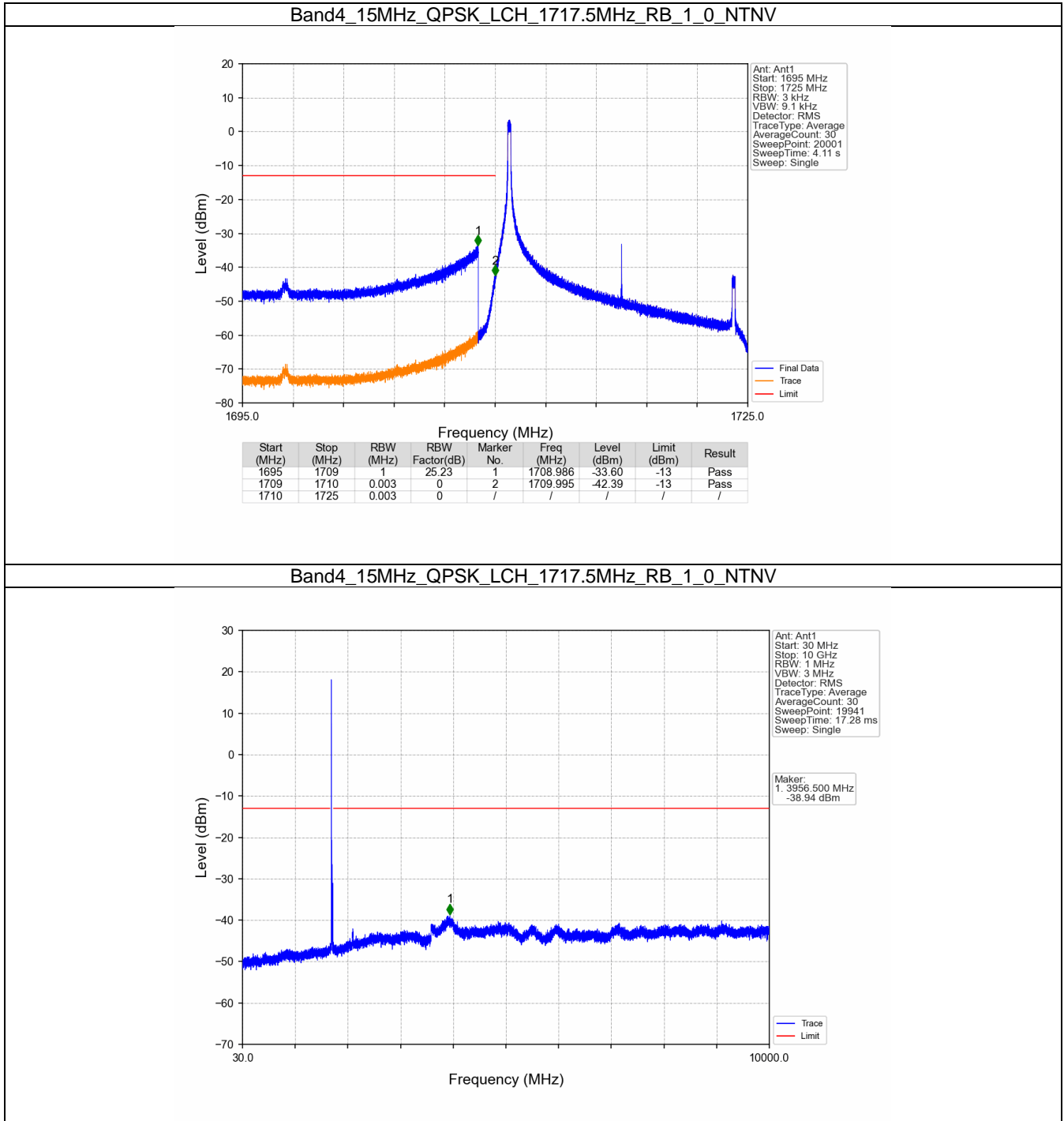
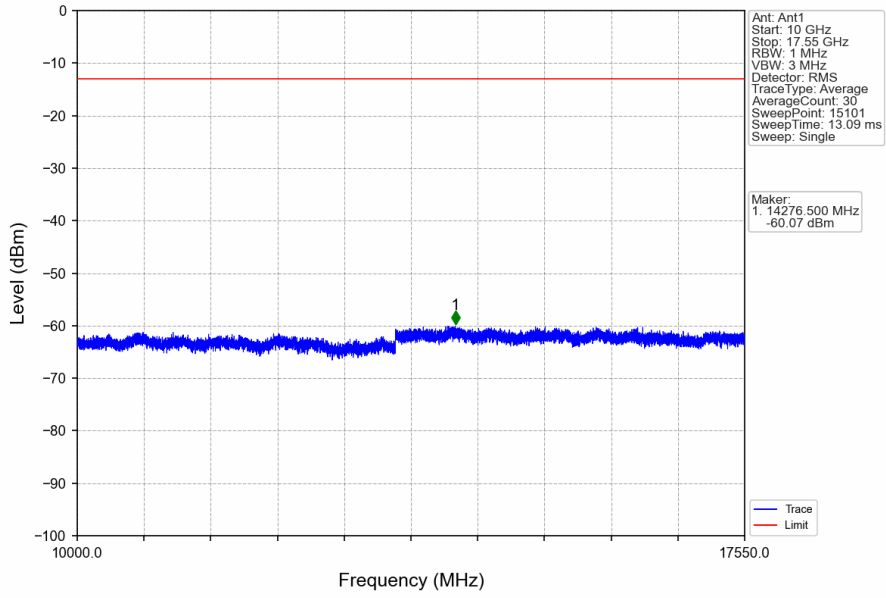


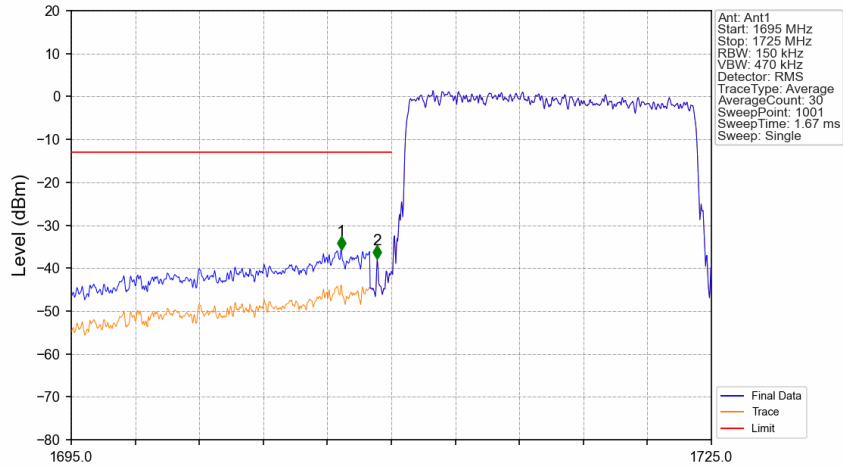
3.5.2 Test Graph



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

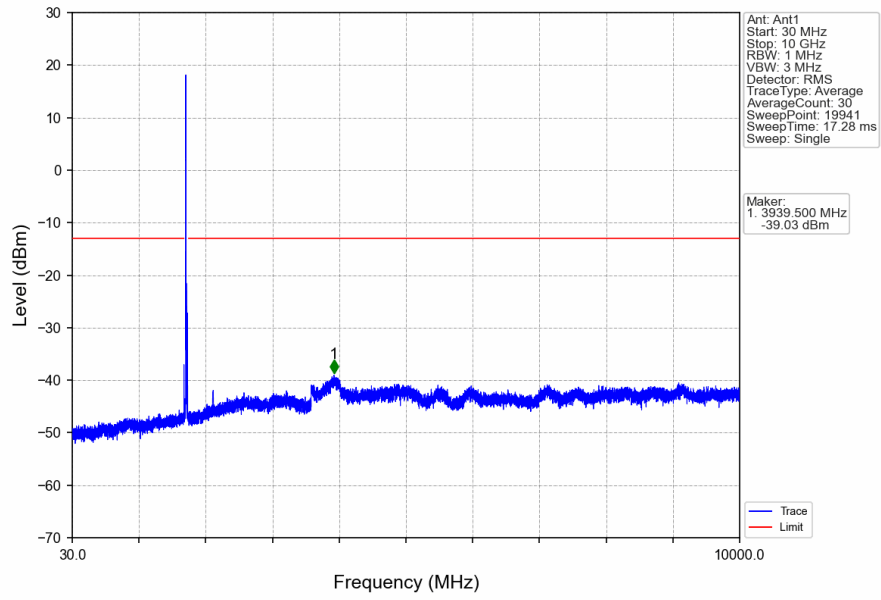


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

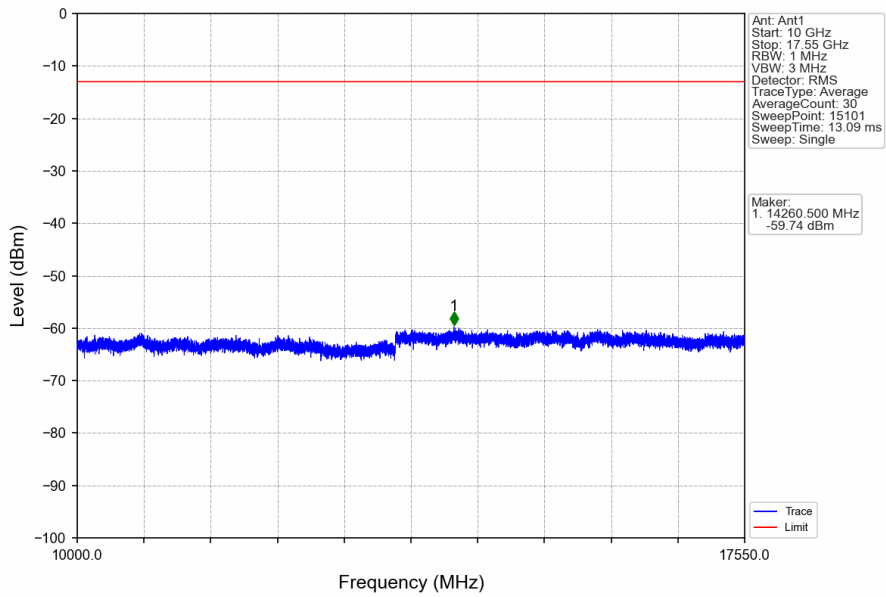


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	8.24	1	1707.660	-35.72	-13	Pass
1709	1710	0.15	0	2	1709.340	-37.81	-13	Pass
1710	1725	0.15	0	/	/	/	/	/

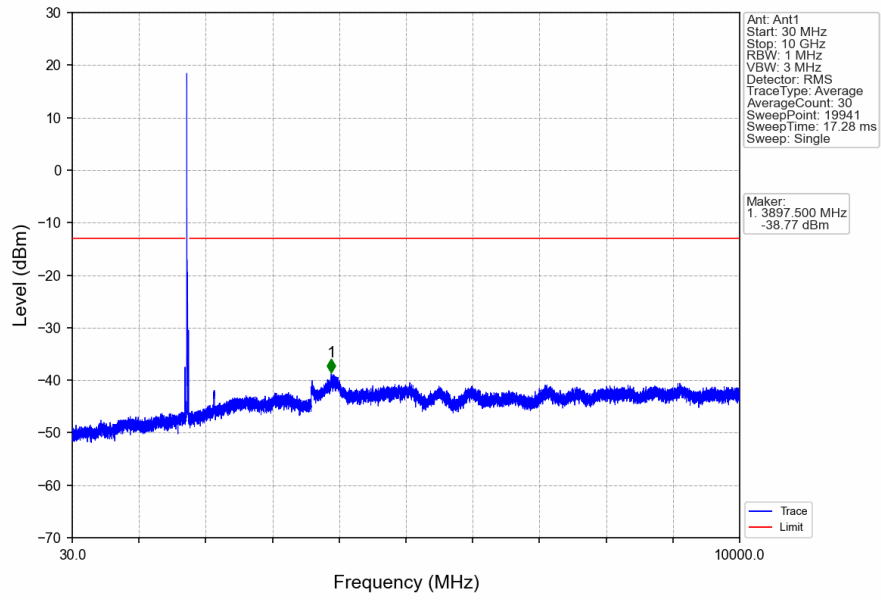
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



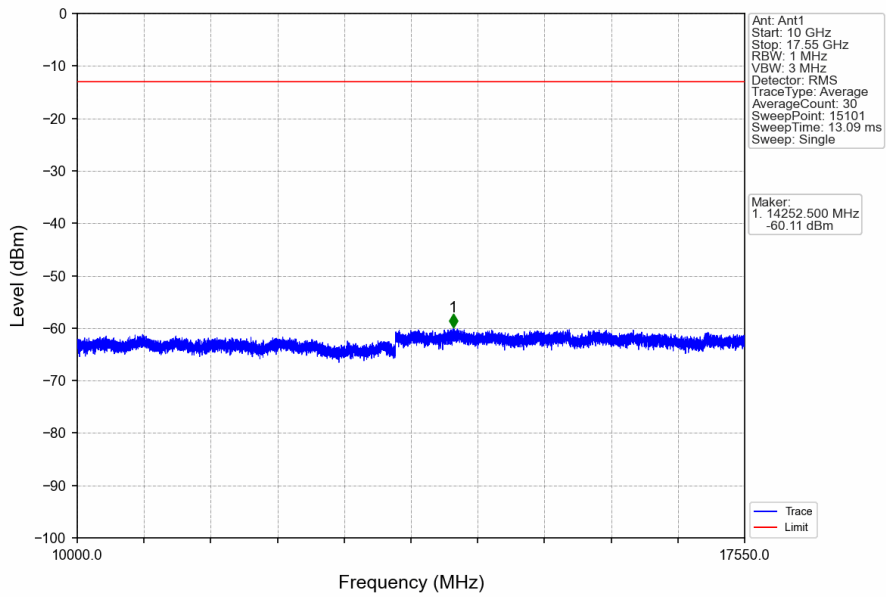
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



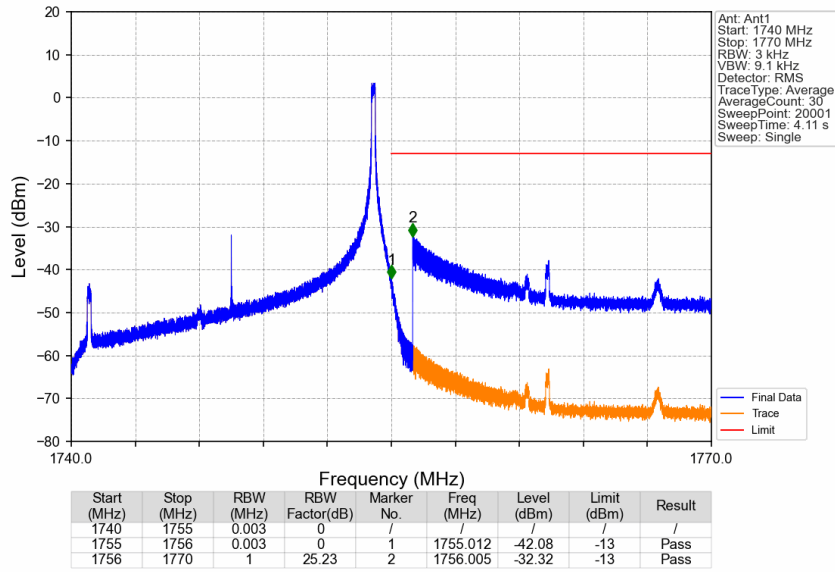
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



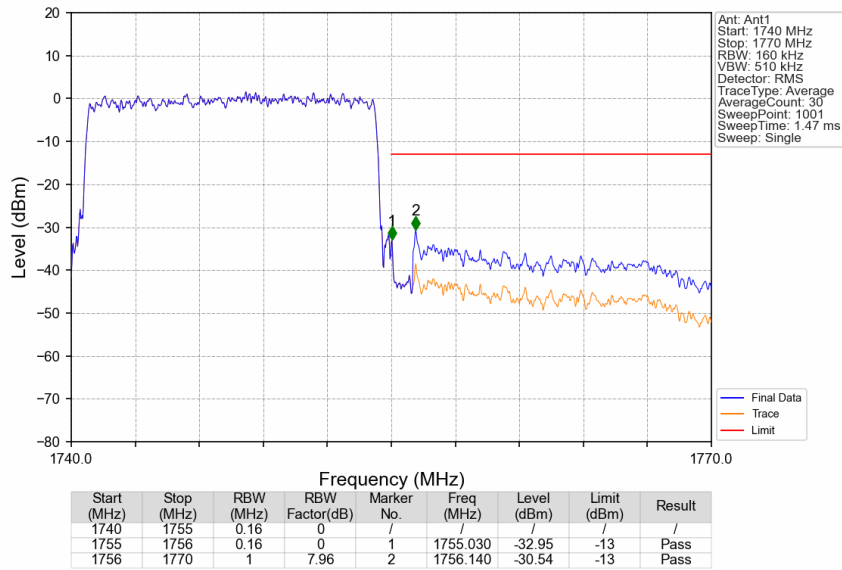
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



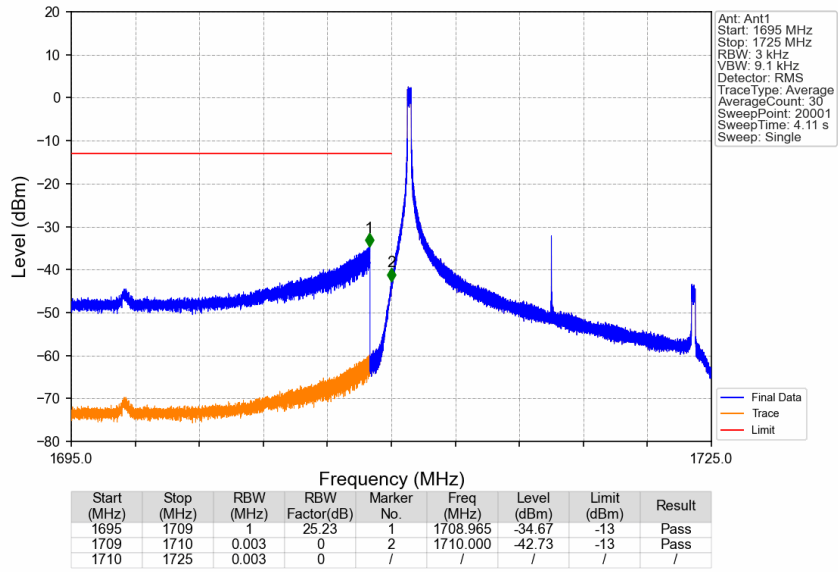
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



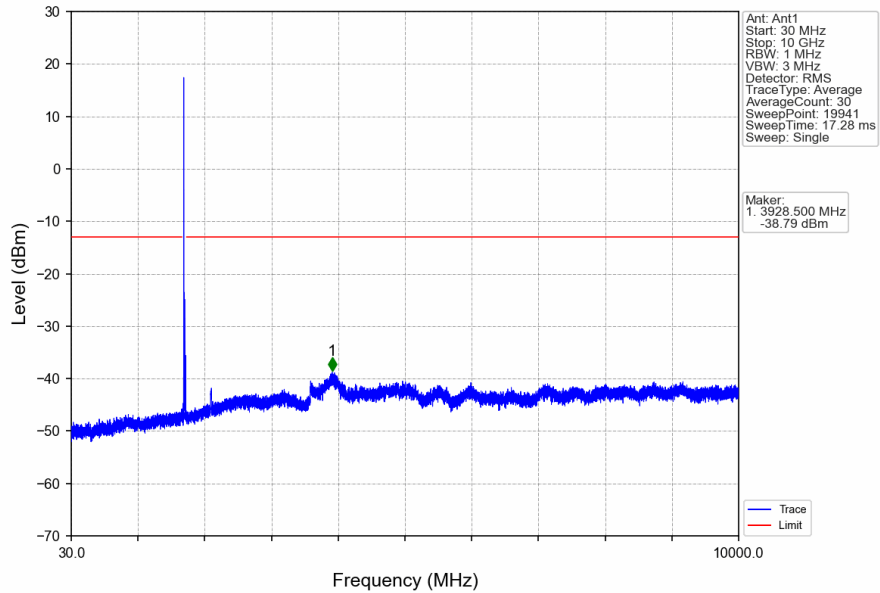
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



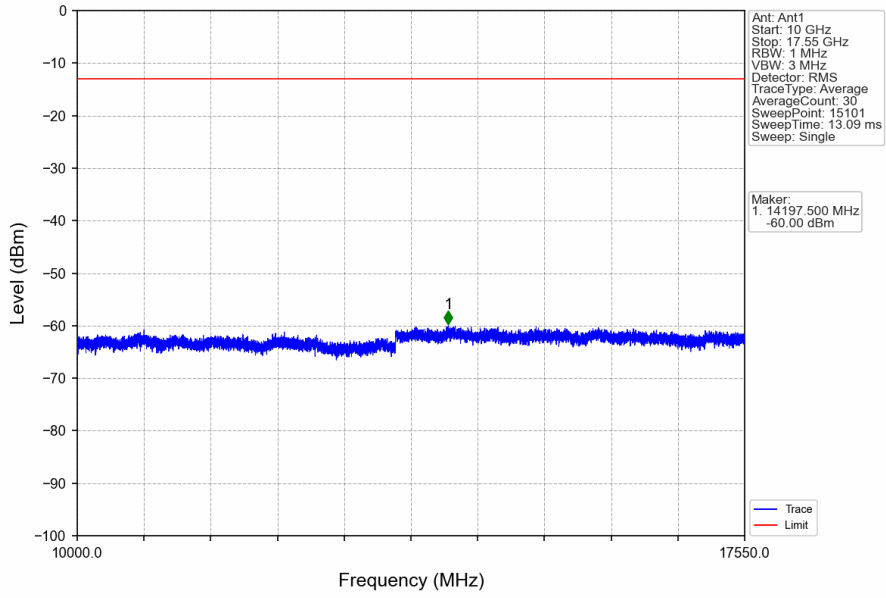
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



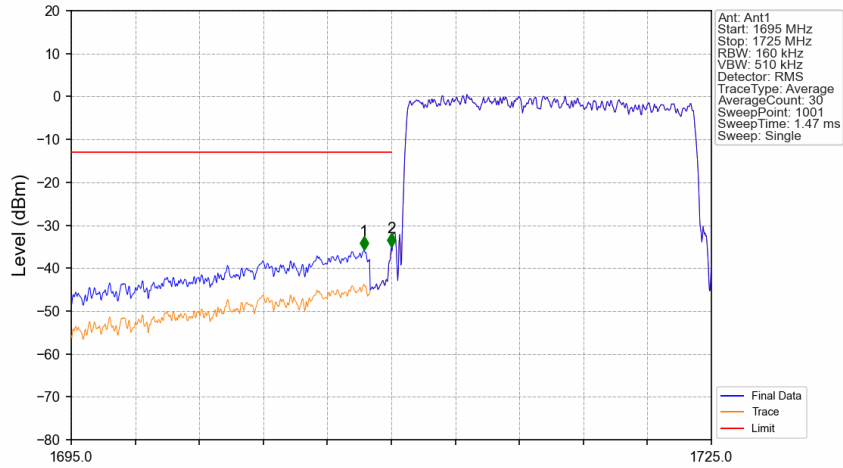
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

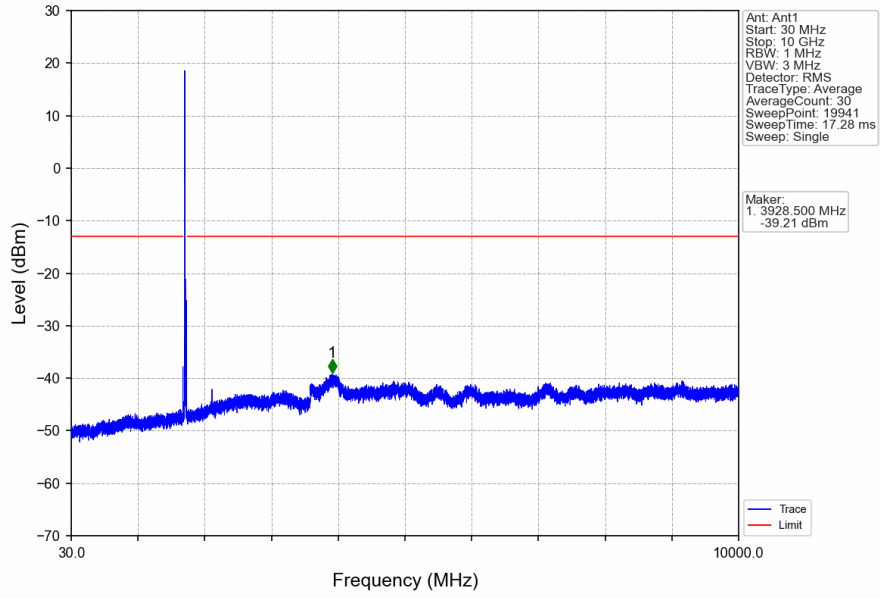


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

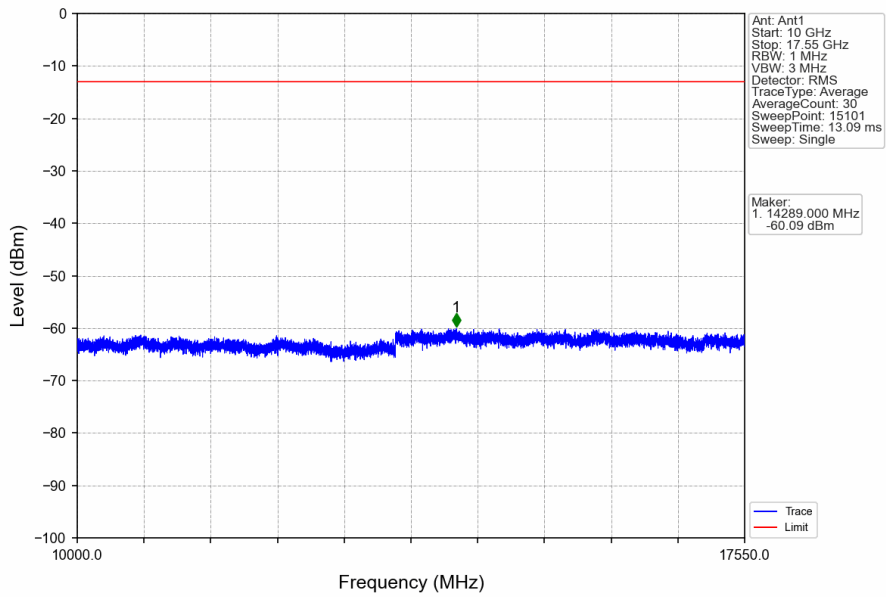


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	7.96	1	1708.710	-35.80	-13	Pass
1709	1710	0.16	0	2	1710.000	-35.04	-13	Pass
1710	1725	0.16	0	/	/	/	/	/

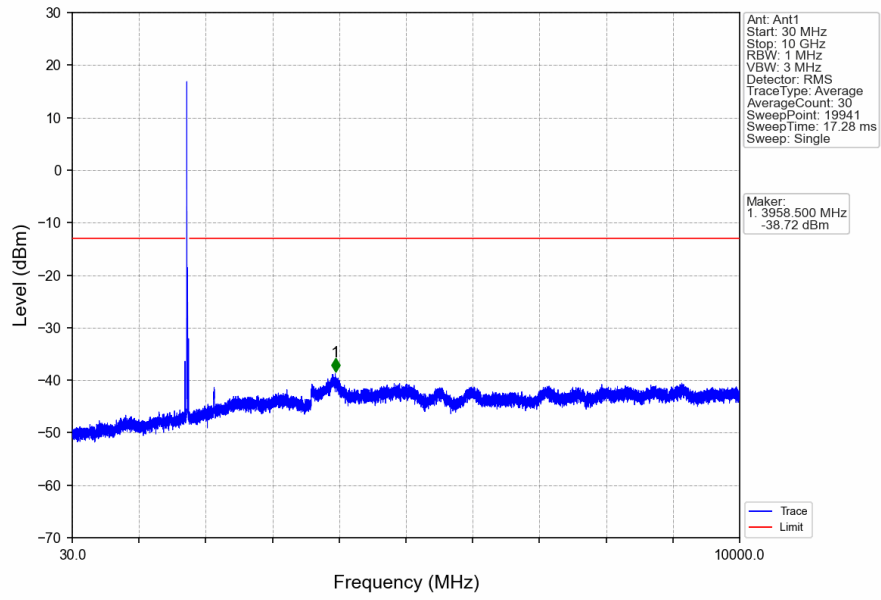
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



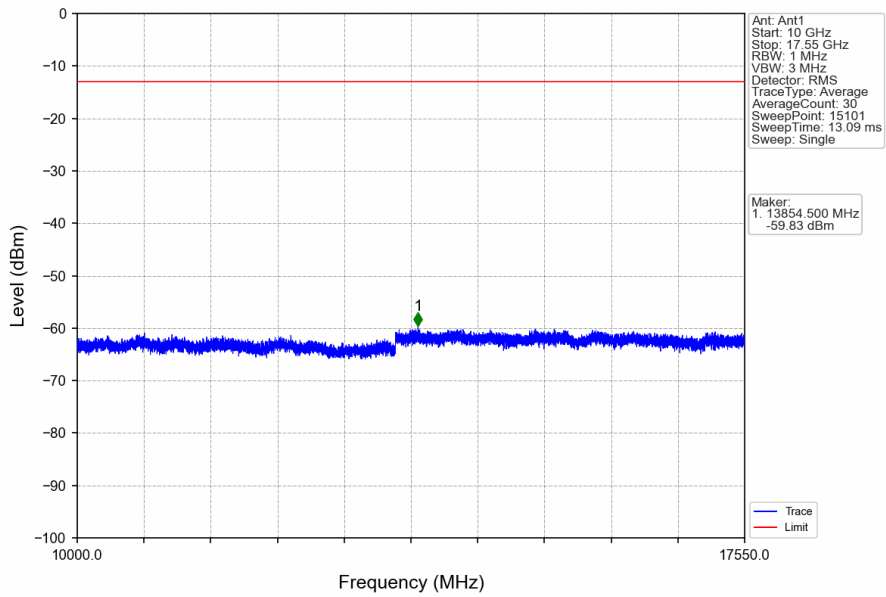
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



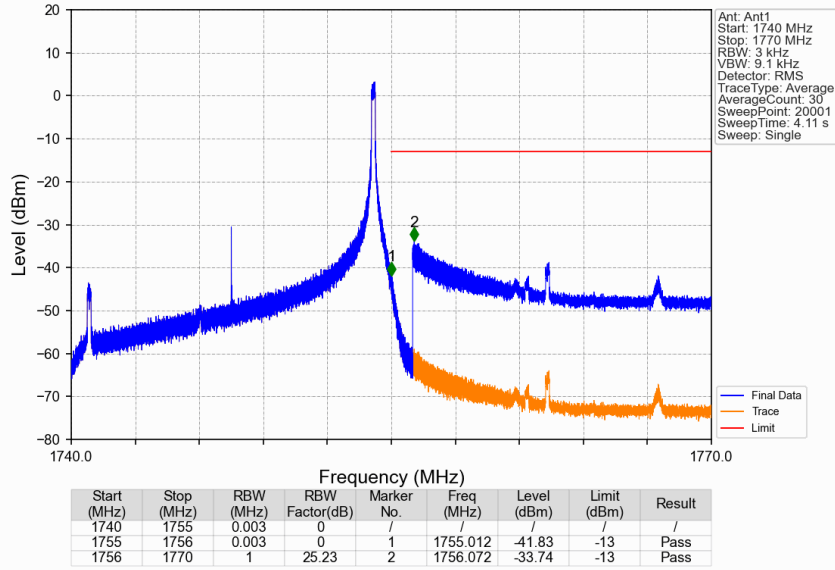
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



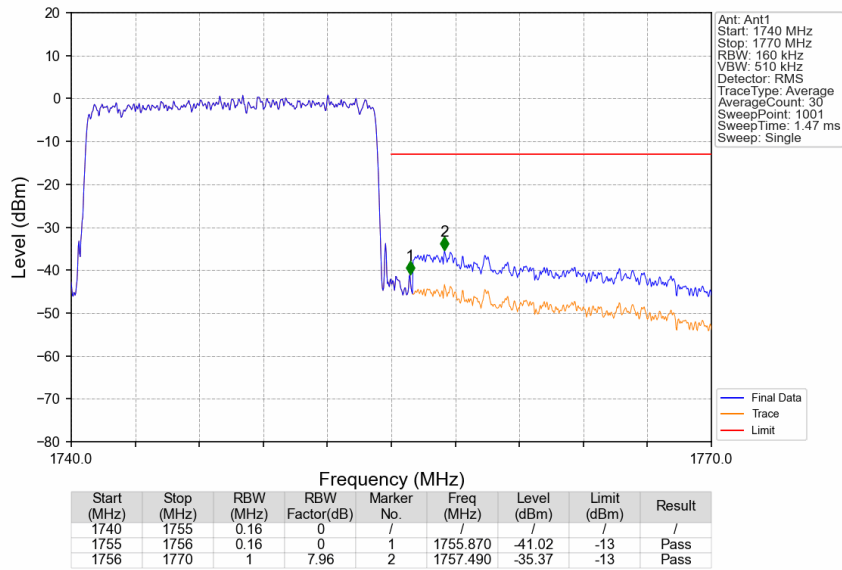
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_74_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

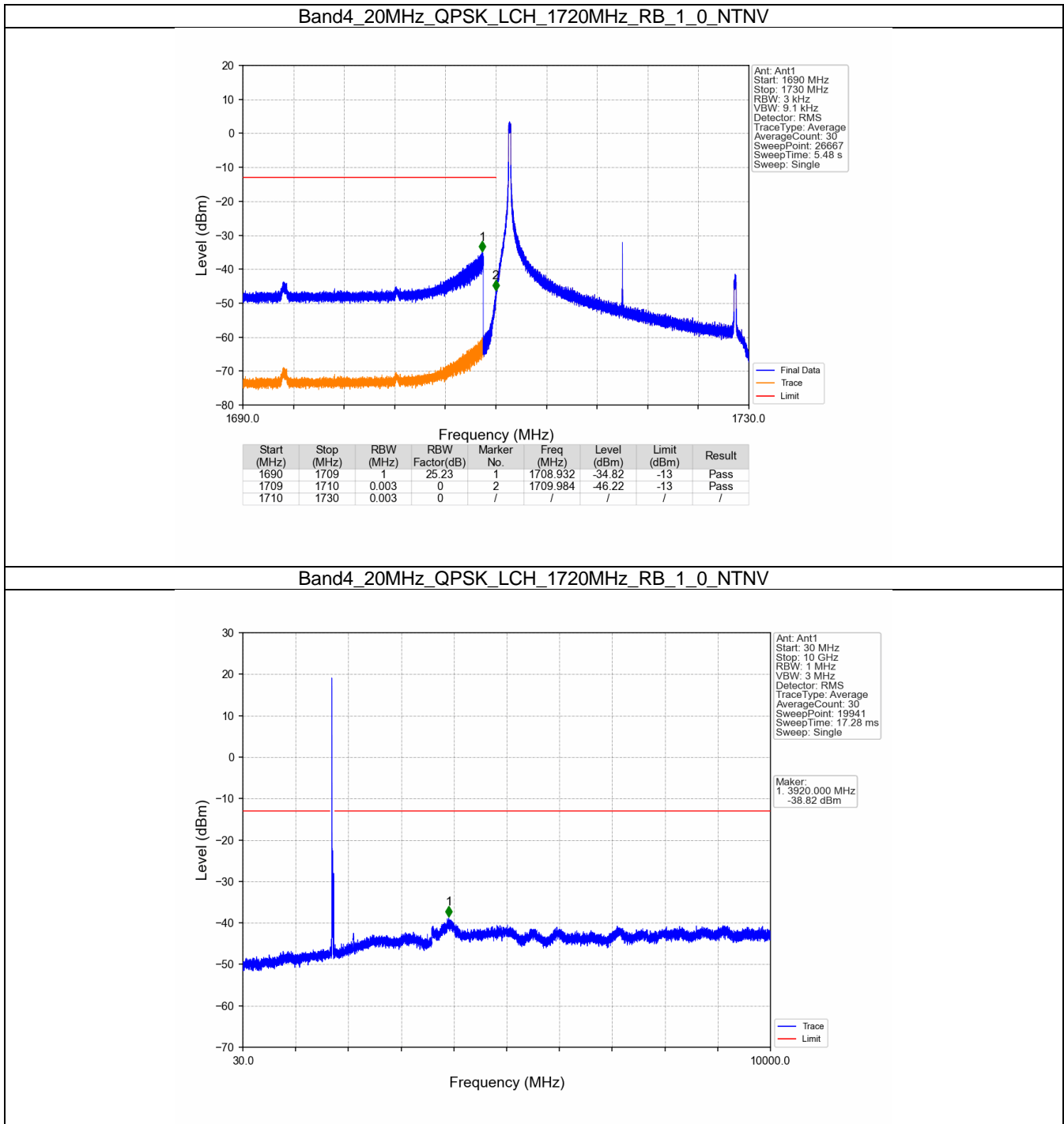


3.6 B4_20MHz

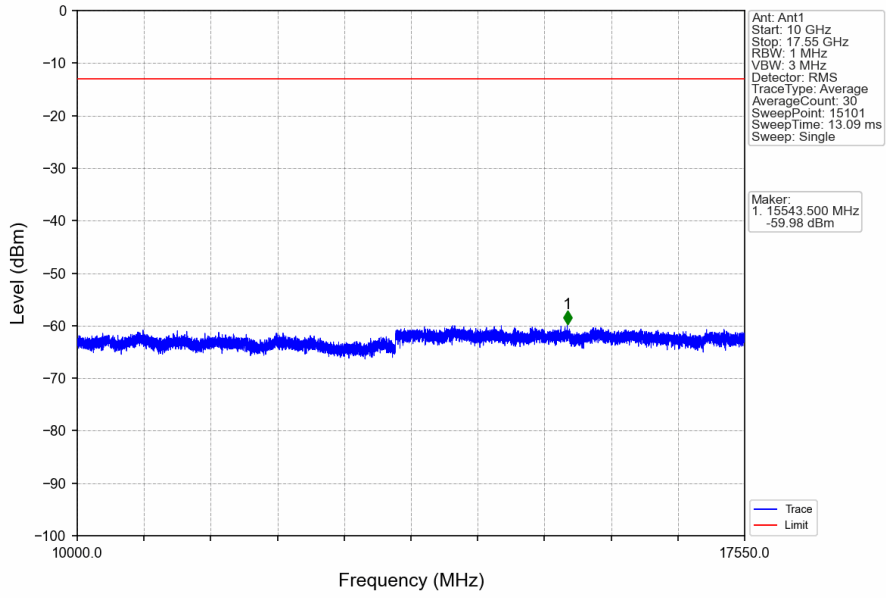
3.6.1 Test Result

Band: 4 / Bandwidth: 20MHz / NTN						
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
		1	0	Refer To Test Graph		Pass
	1745	1	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
		1	0	Refer To Test Graph		Pass
	1745	1	99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

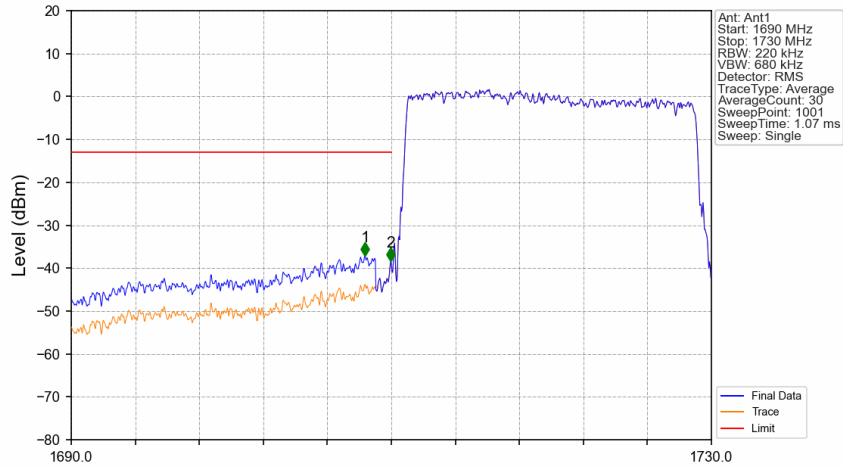
3.6.2 Test Graph



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

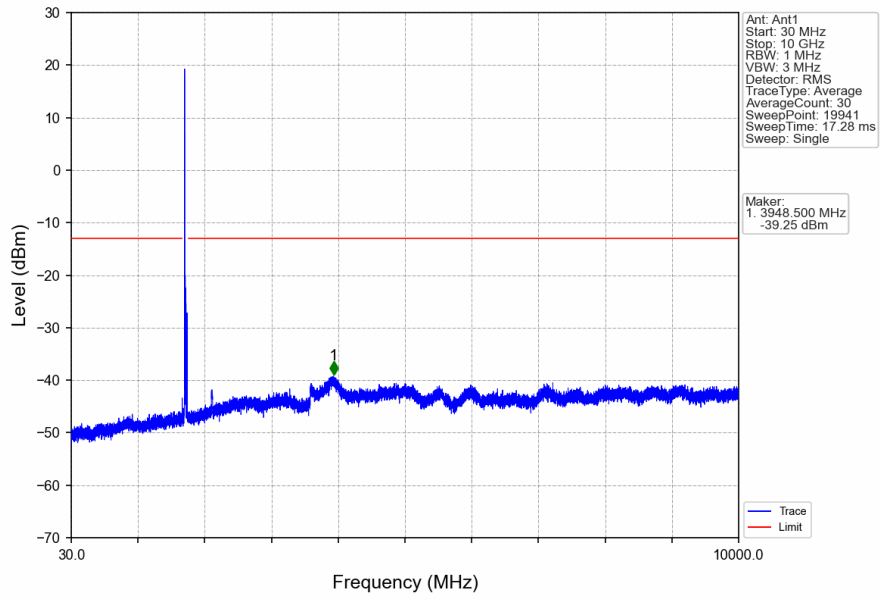


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

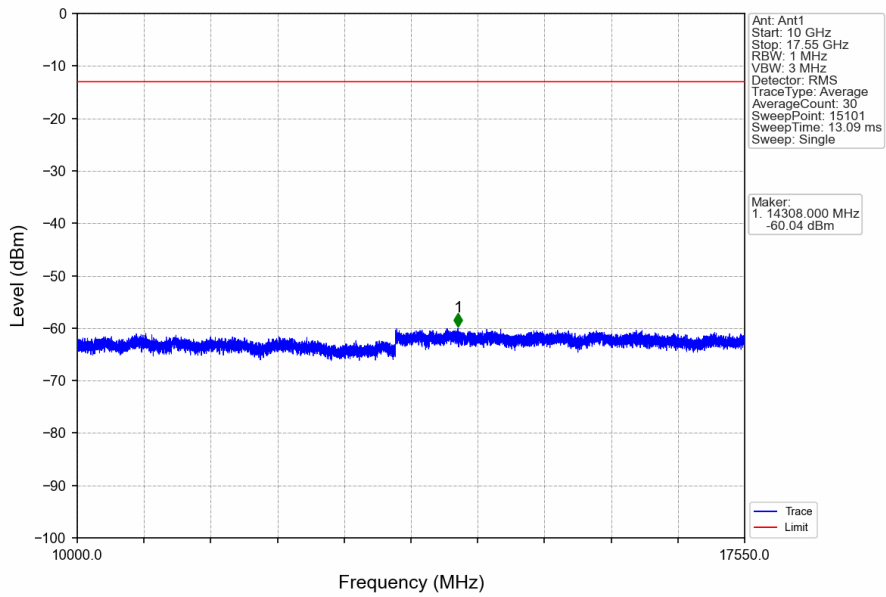


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	6.58	1	1708.360	-37.21	-13	Pass
1709	1710	0.22	0	2	1709.960	-38.43	-13	Pass
1710	1730	0.22	0	/	/	/	/	/

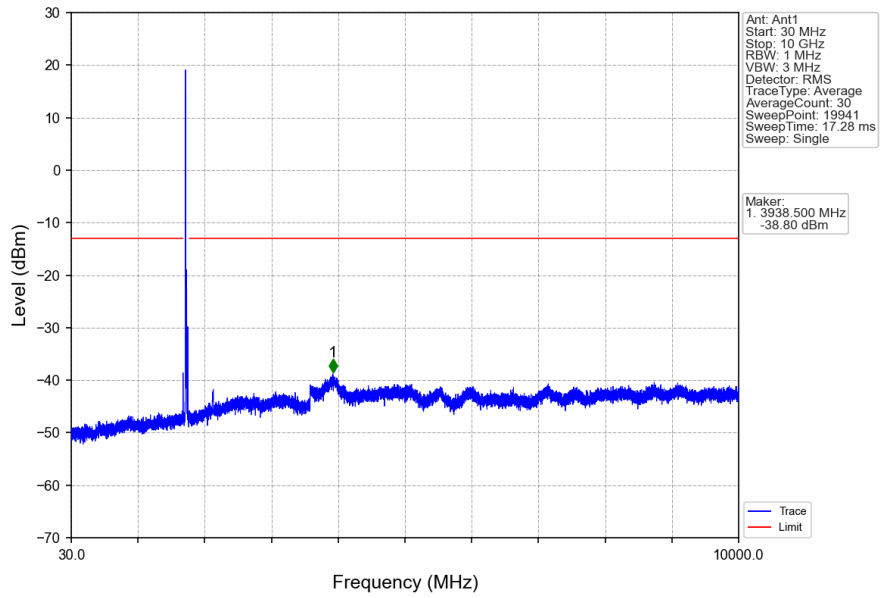
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



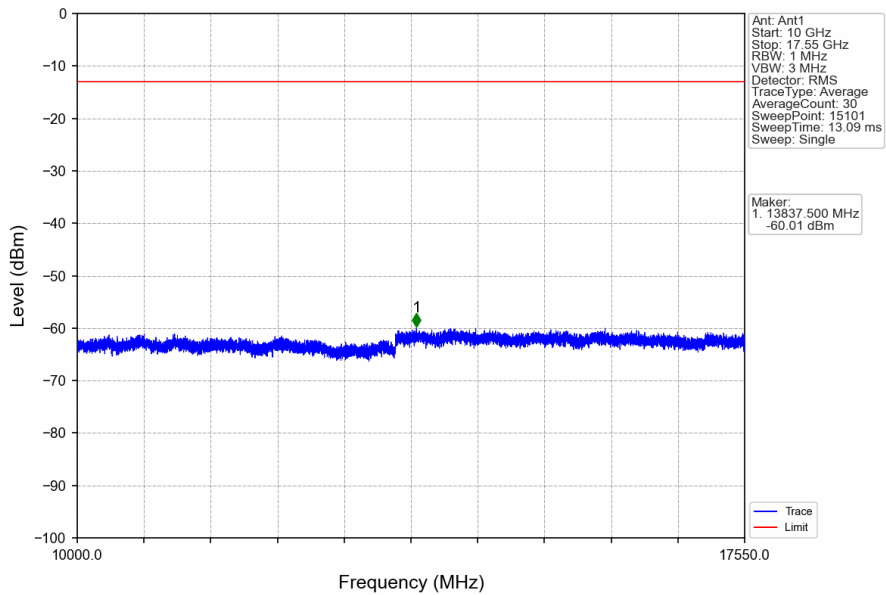
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



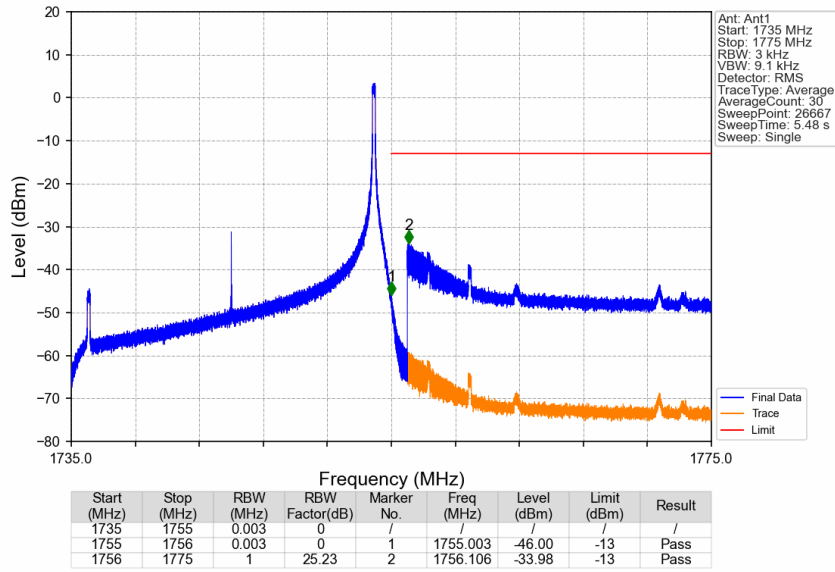
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



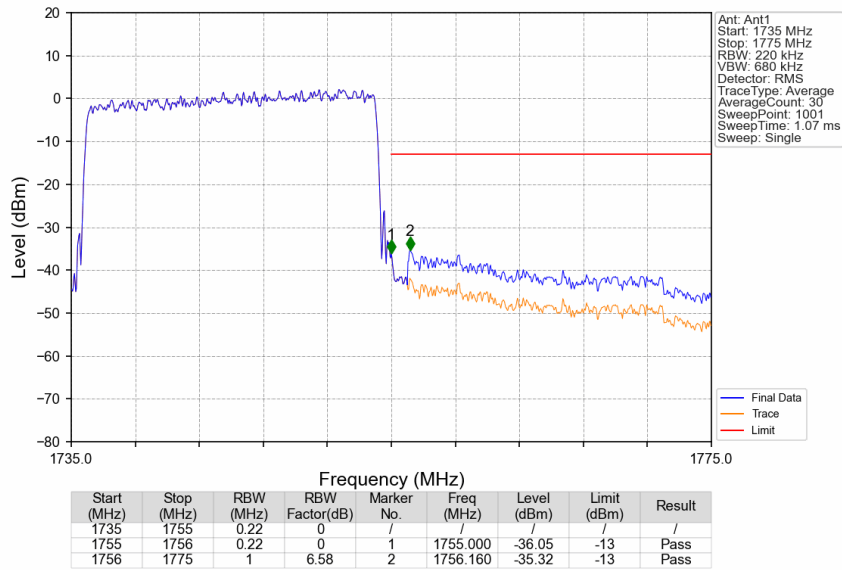
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



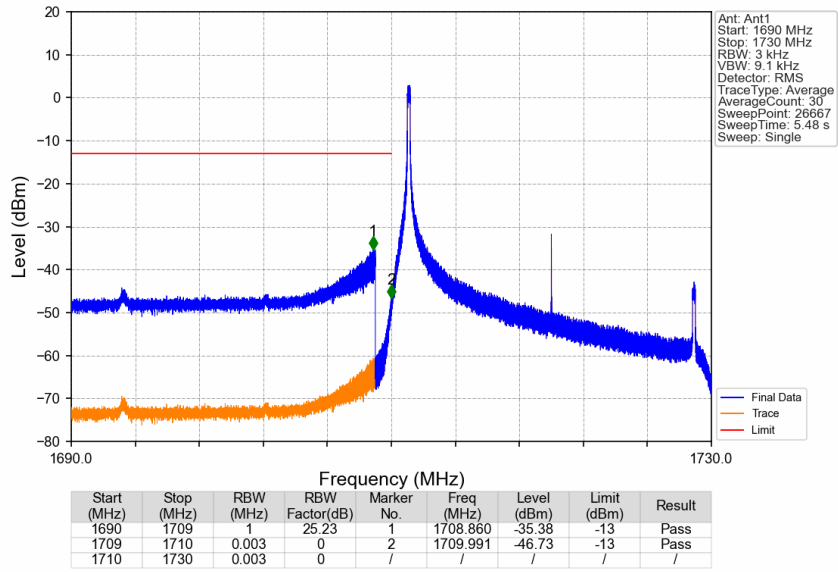
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



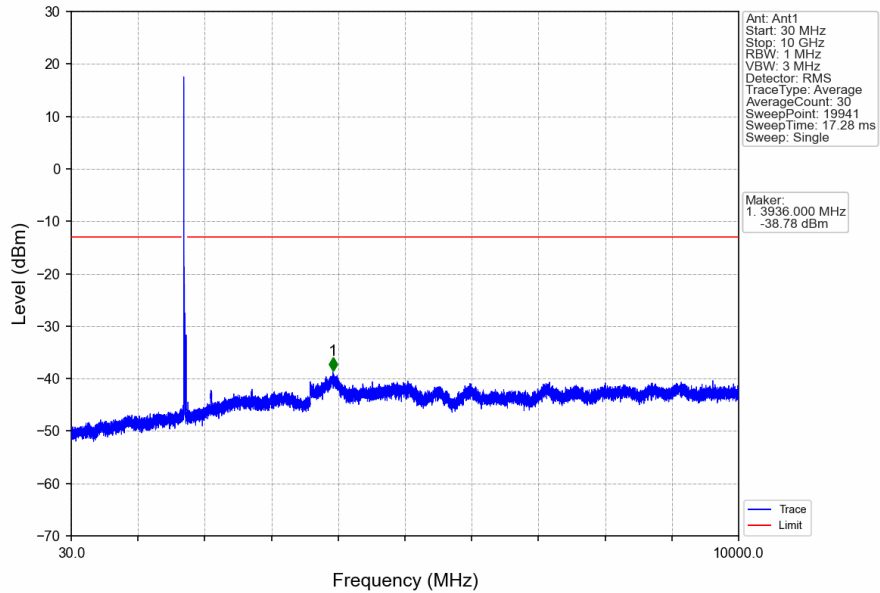
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



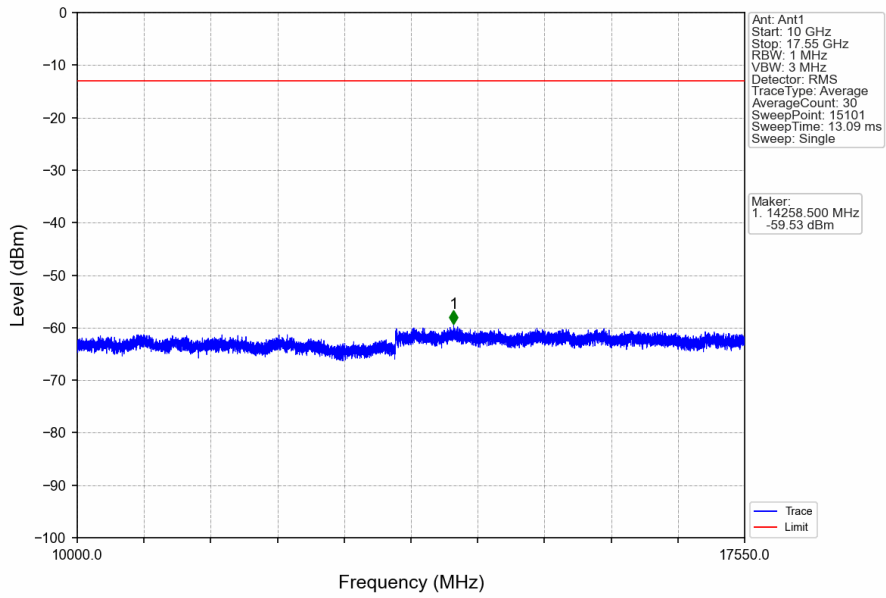
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



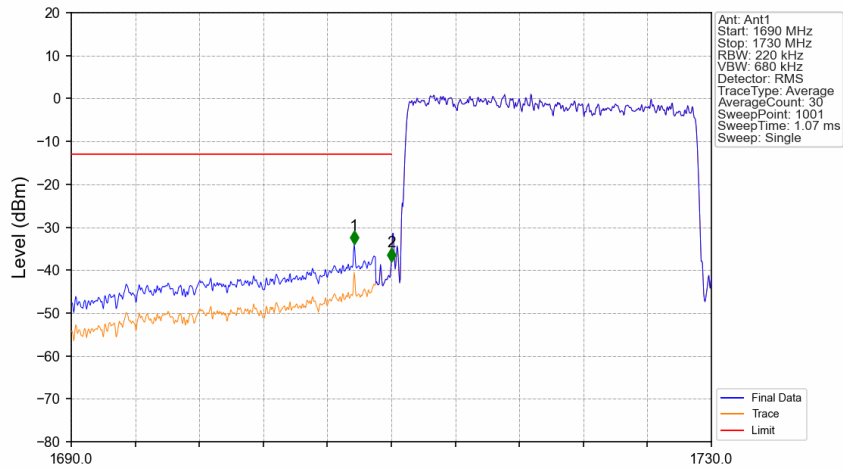
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

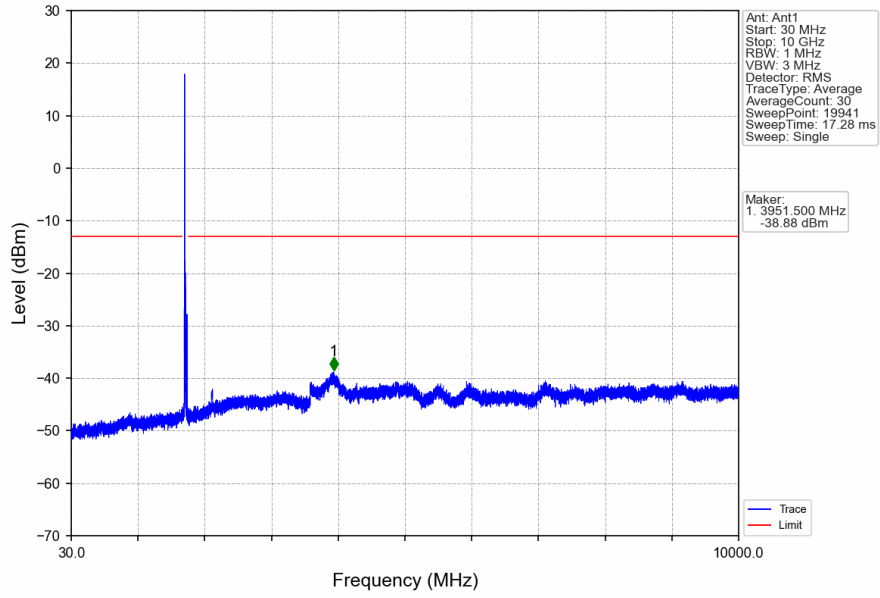


Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

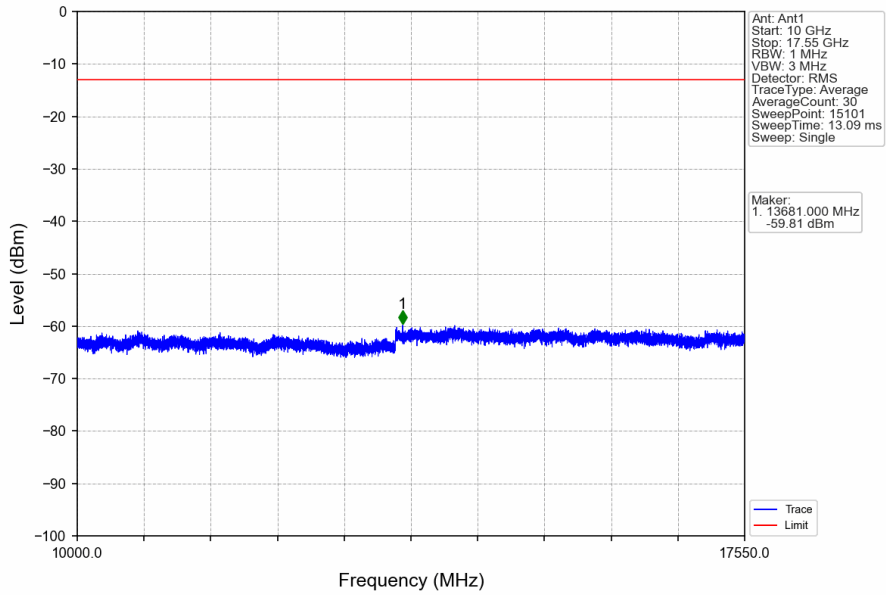


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	6.58	1	1707.680	-33.95	-13	Pass
1709	1710	0.22	0	2	1710.000	-37.95	-13	Pass
1710	1730	0.22	0	/	/	/	/	/

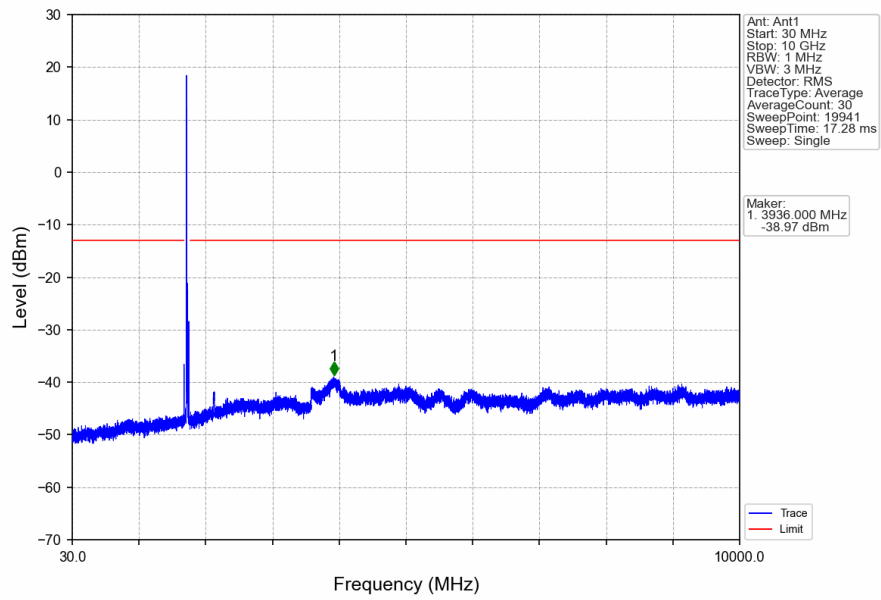
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



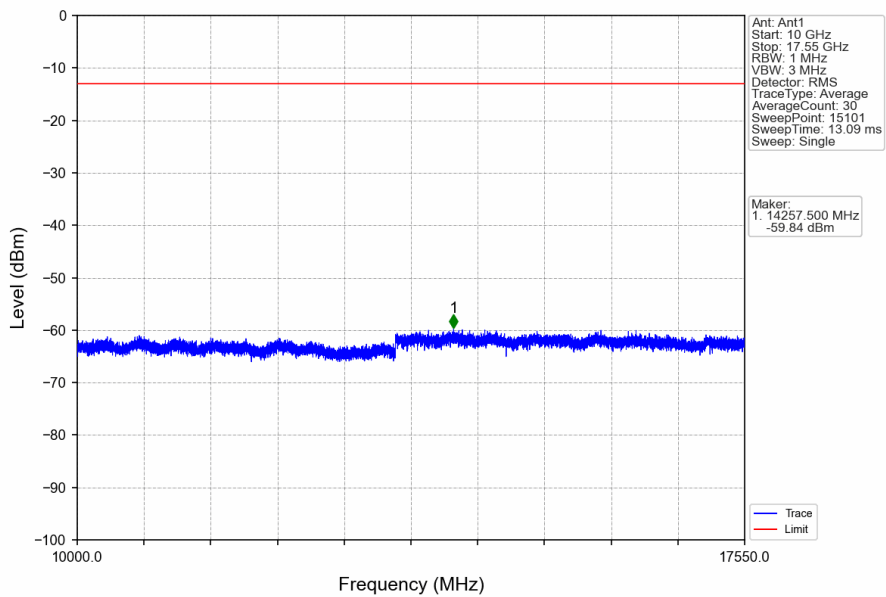
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



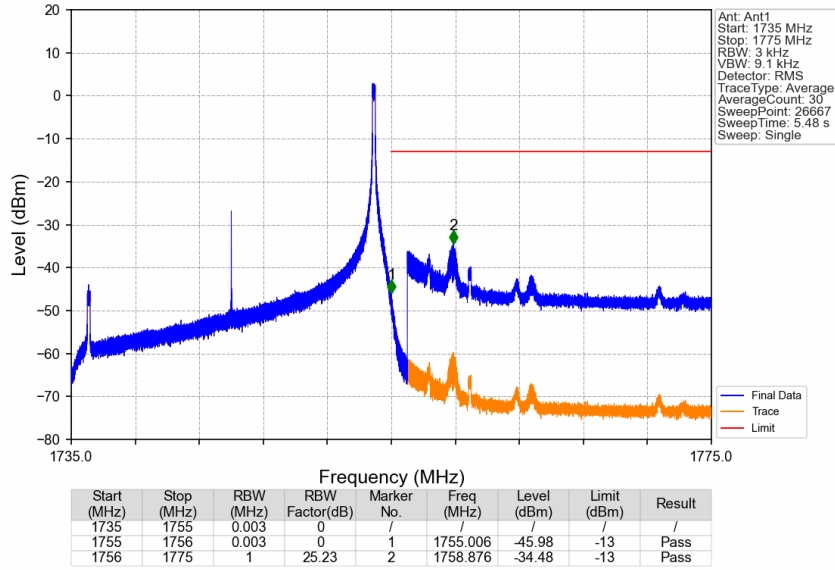
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



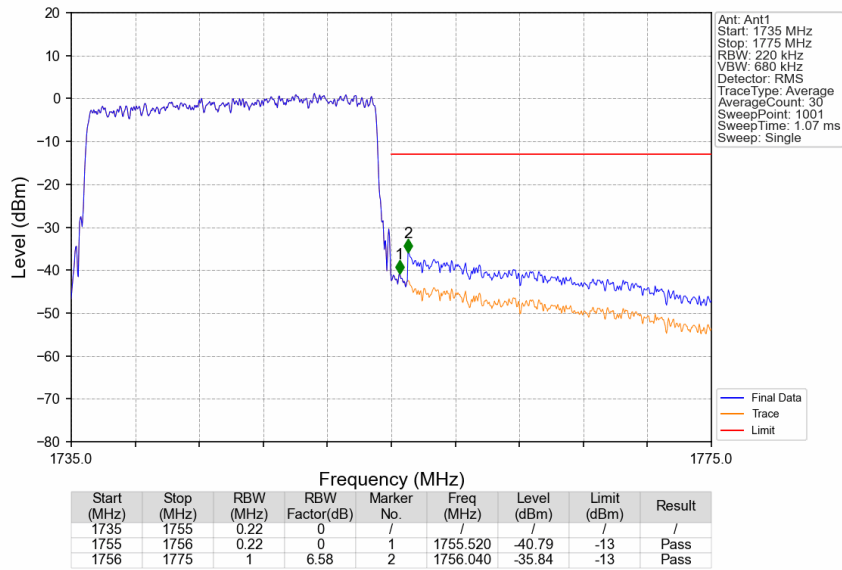
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



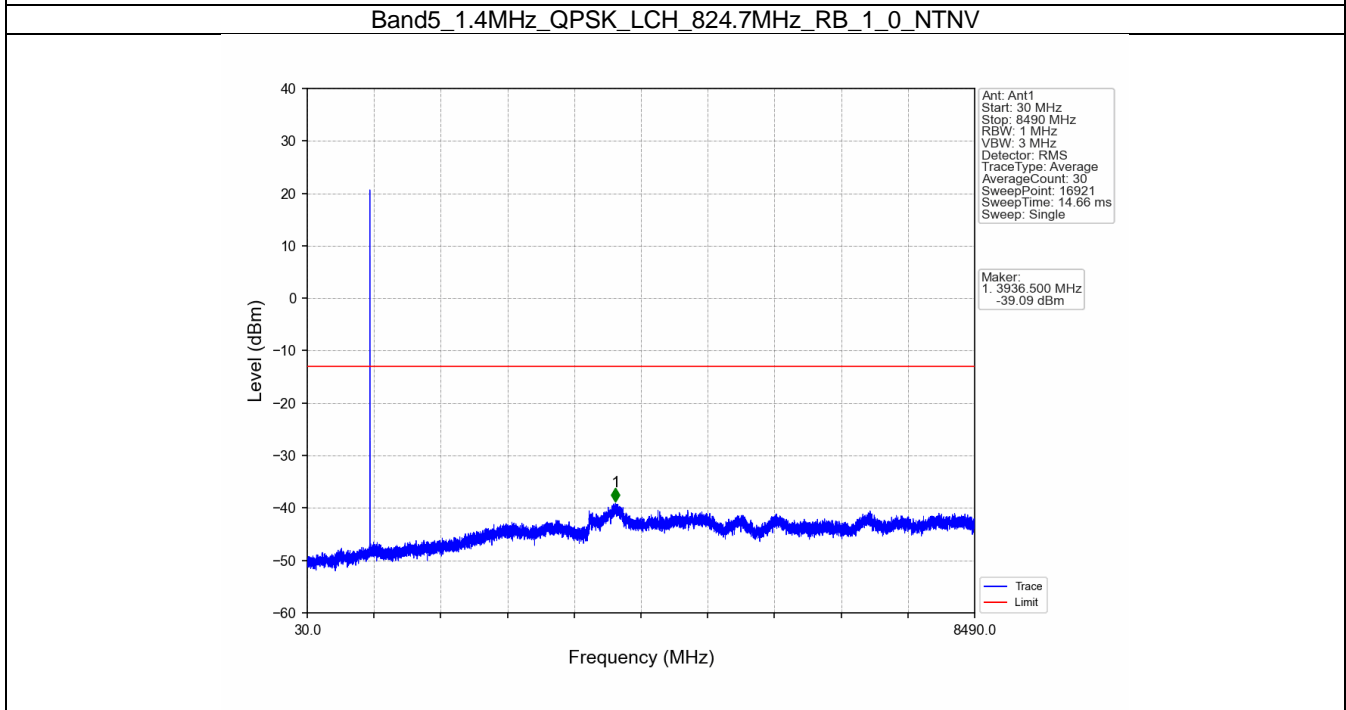
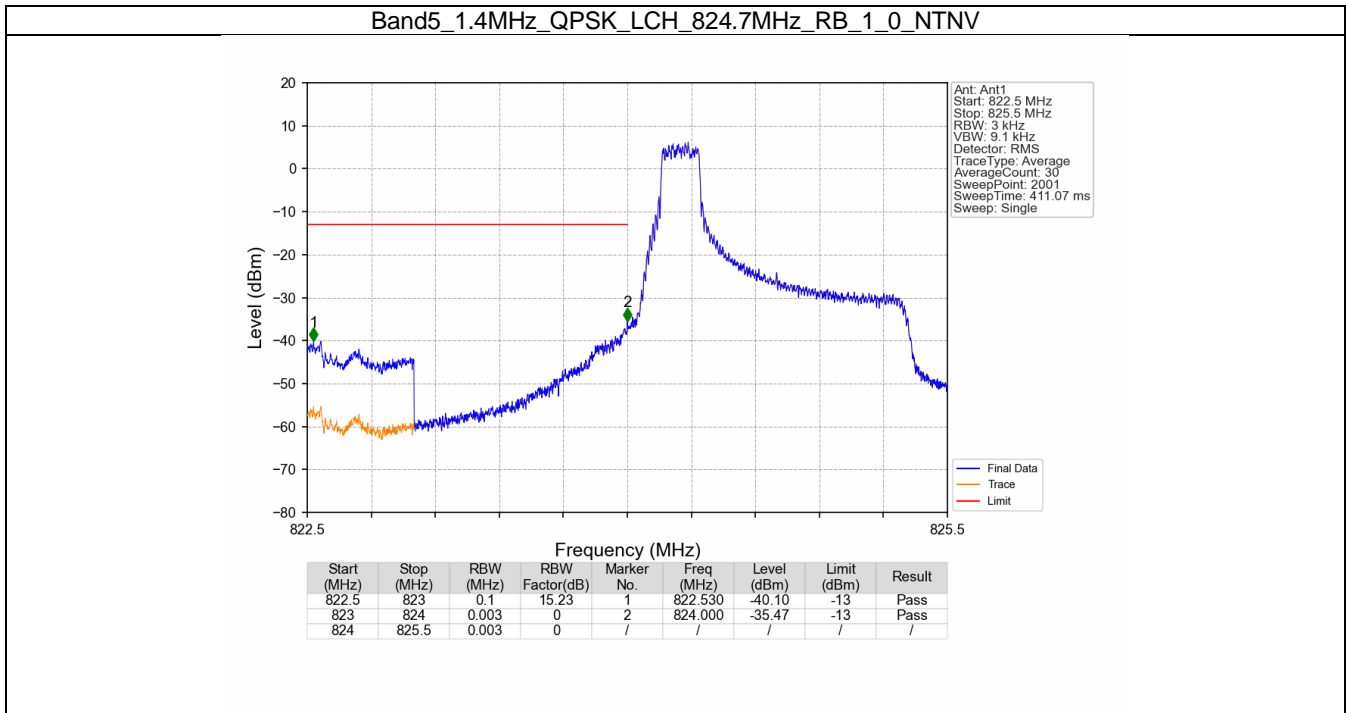
4. Spurious Emission

4.1 B5_1.4MHz

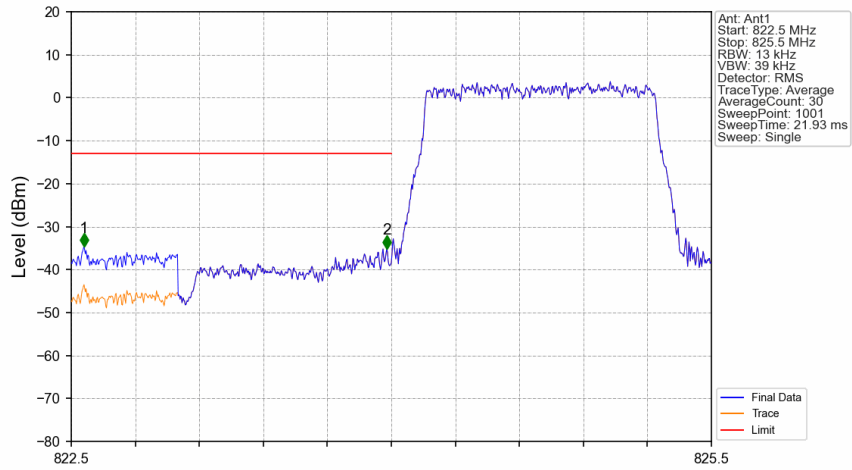
4.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

4.1.2 Test Graph

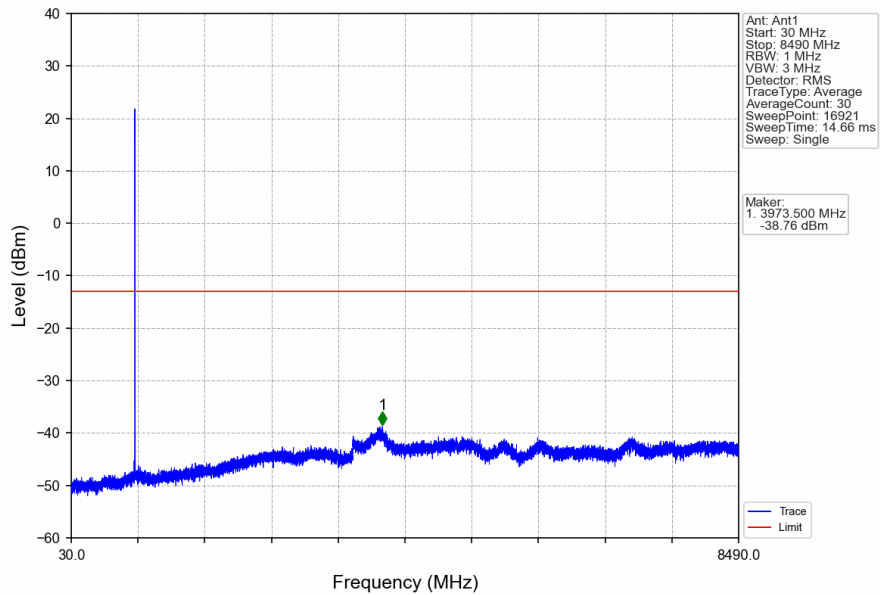


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

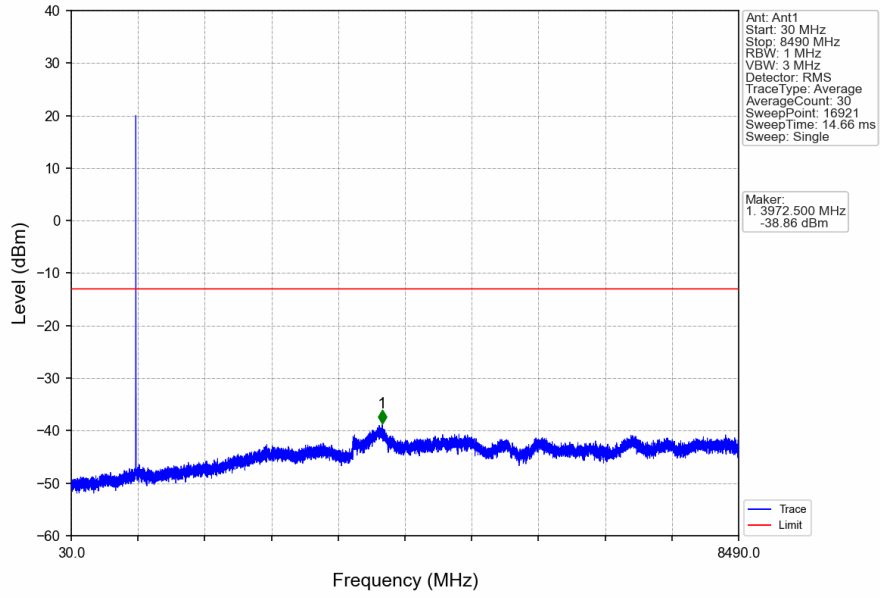


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	8.86	1	822.560	-34.67	-13	Pass
823	824	0.013	0	2	823.979	-35.14	-13	Pass
824	825.5	0.013	0	/	/	/	/	/

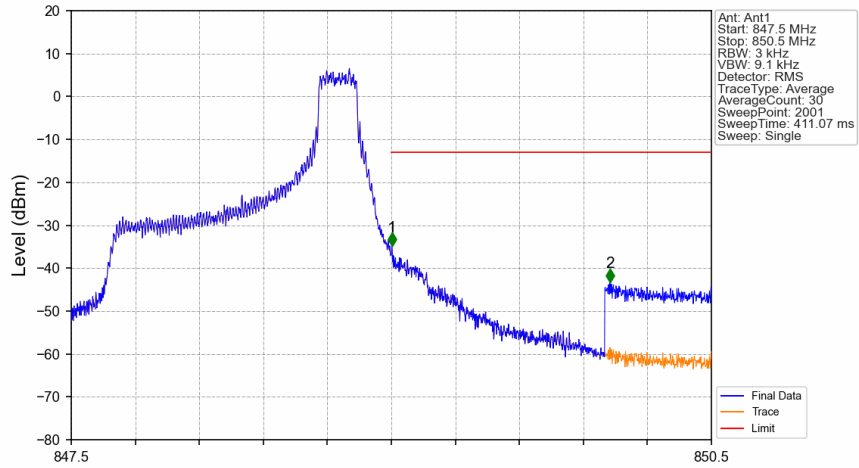
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

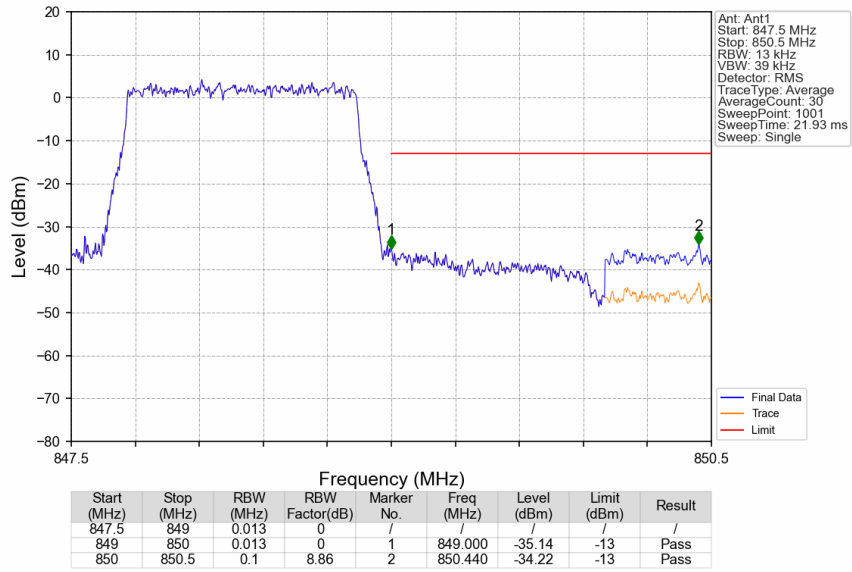


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV

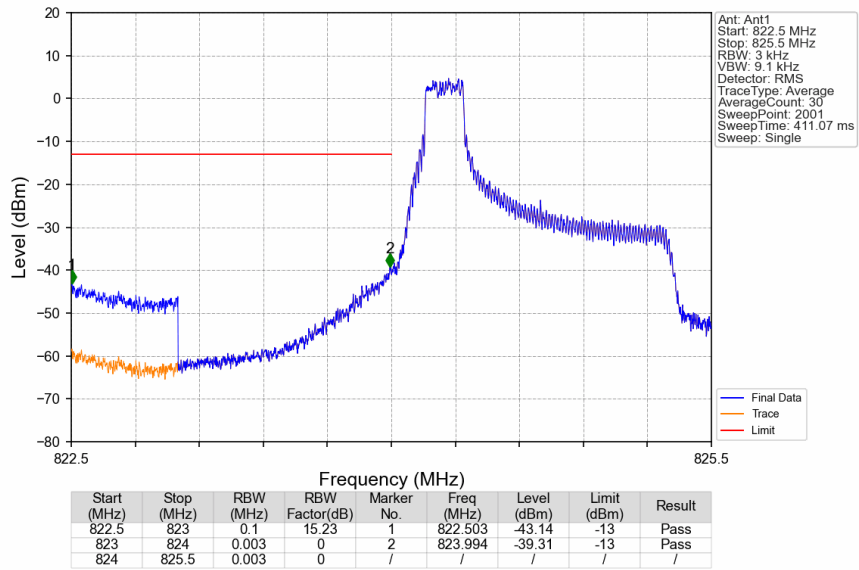


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	0	1	849.003	-34.80	-13	Pass
849	850	0.003	0	1	849.003	-34.80	-13	Pass
850	850.5	0.1	15.23	2	850.024	-43.23	-13	Pass

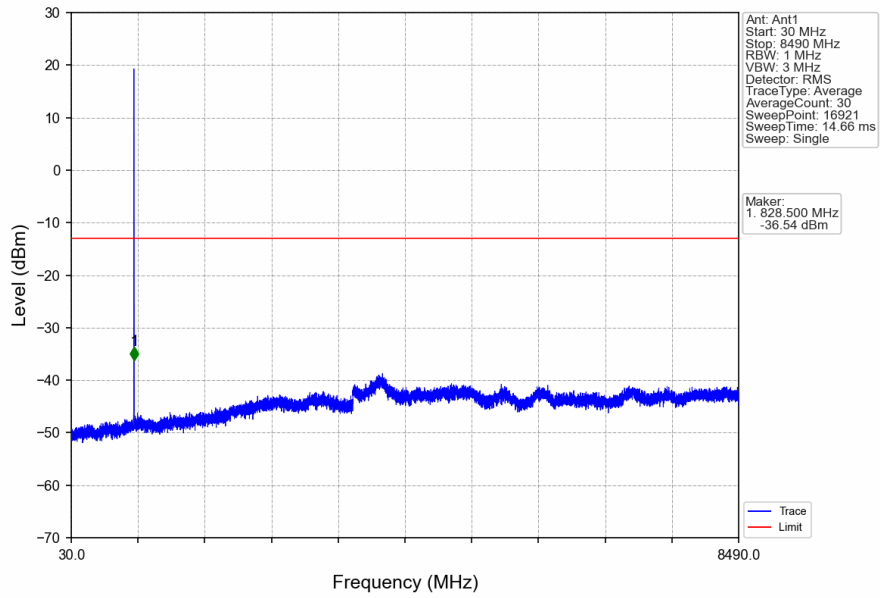
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



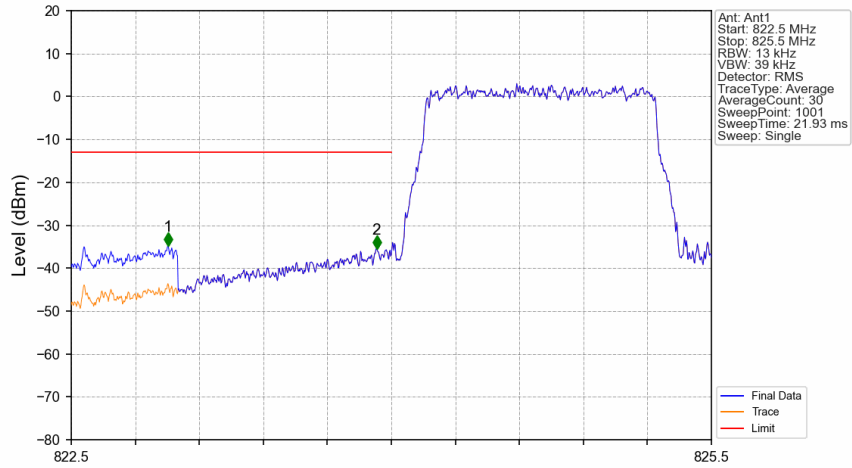
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

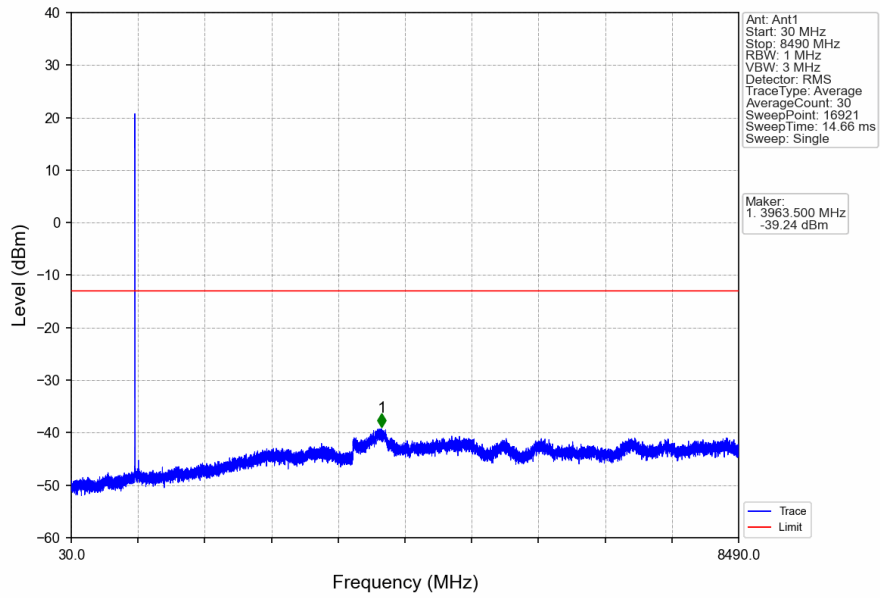


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

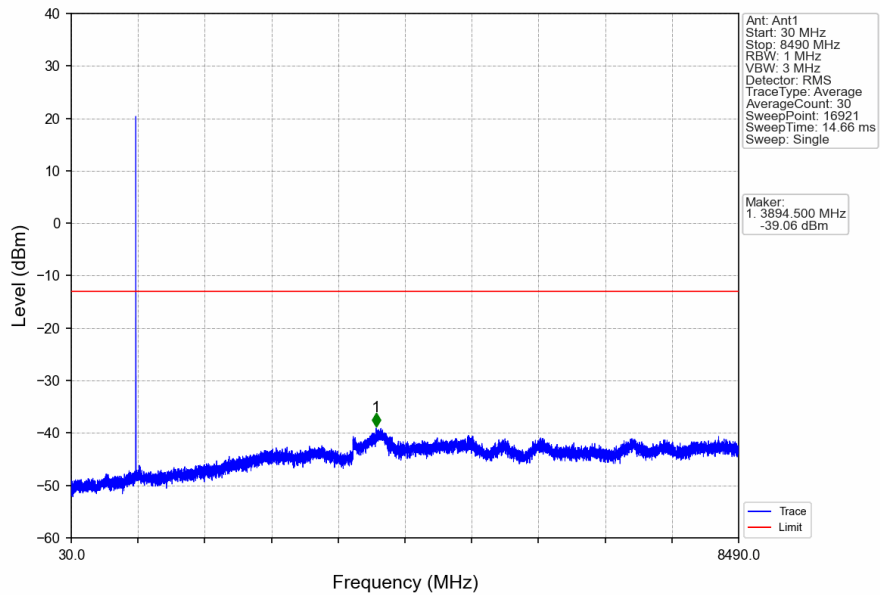


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	8.86	1	822.953	-34.76	-13	Pass
823	824	0.013	0	2	823.931	-35.47	-13	Pass
824	825.5	0.013	0	/	/	/	/	/

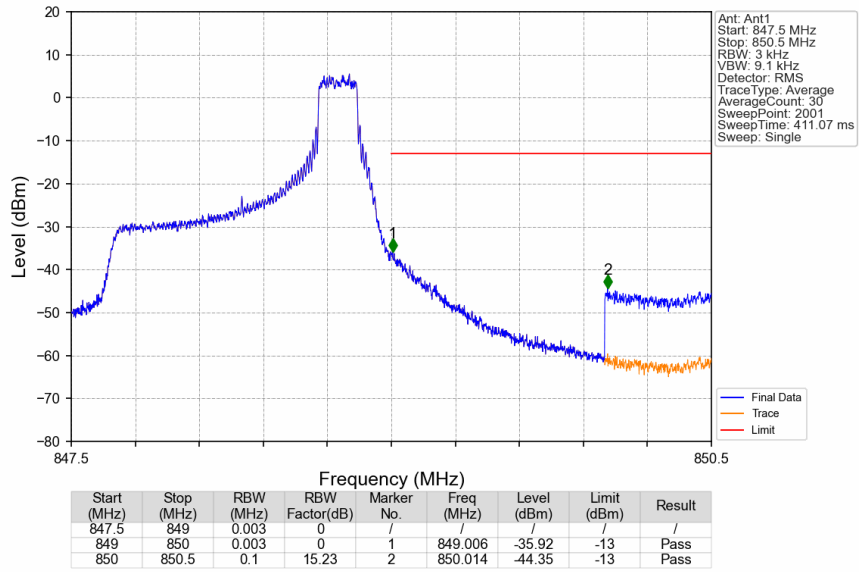
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



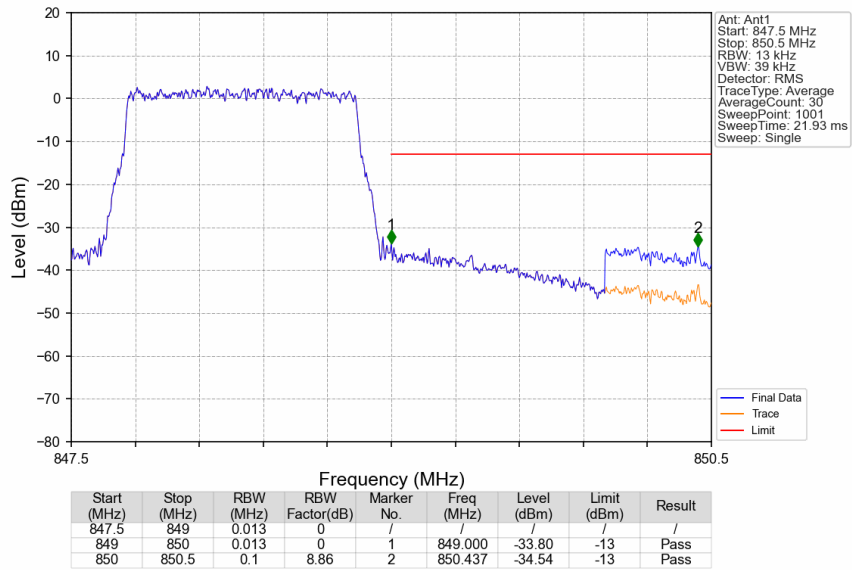
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

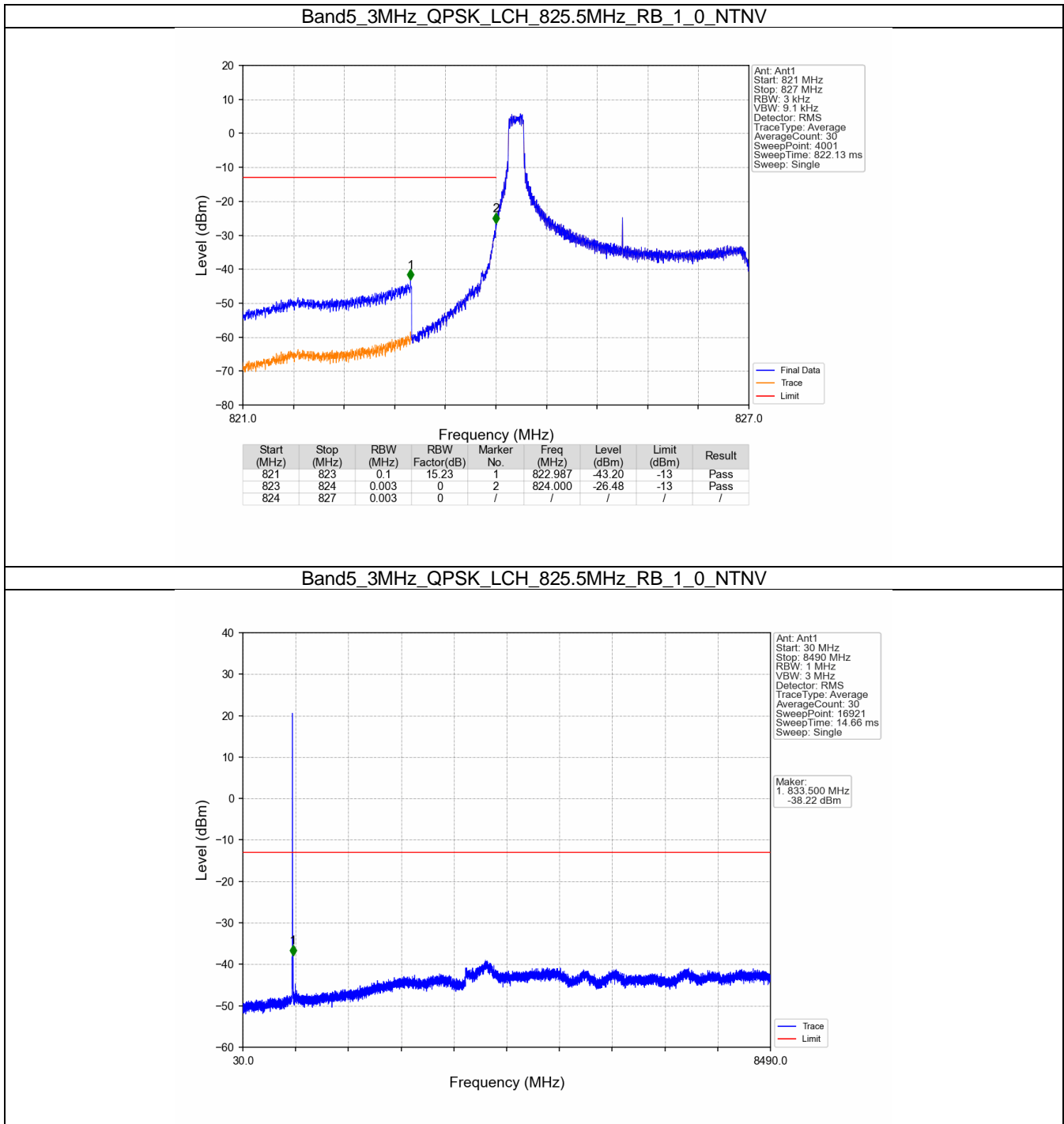


4.2 B5_3MHz

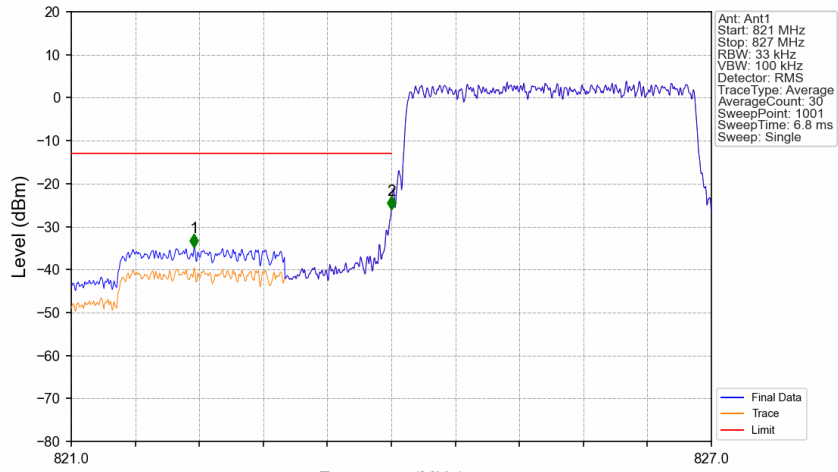
4.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

4.2.2 Test Graph

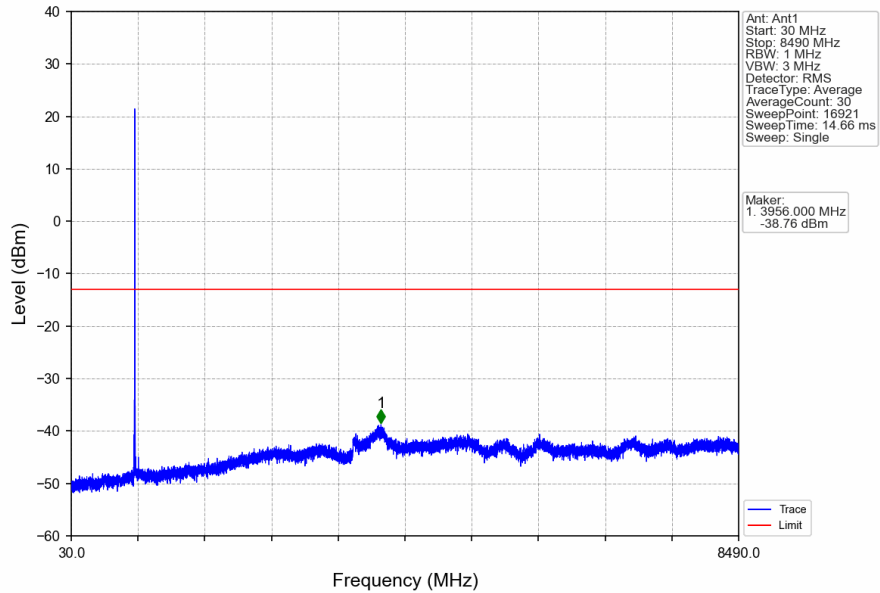


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

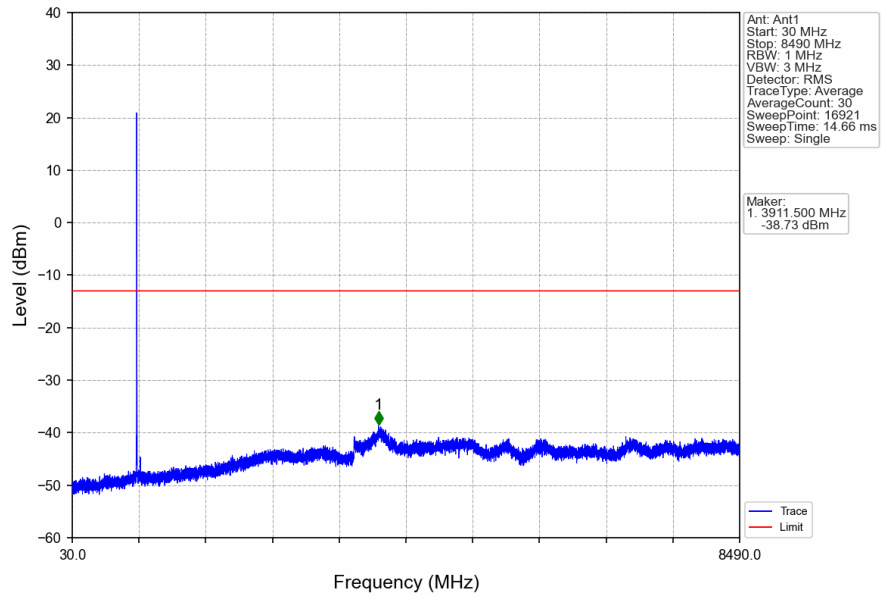


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	4.81	1	822.152	-34.79	-13	Pass
823	824	0.033	0	2	824.000	-26.11	-13	Pass
824	827	0.033	0	/	/	/	/	/

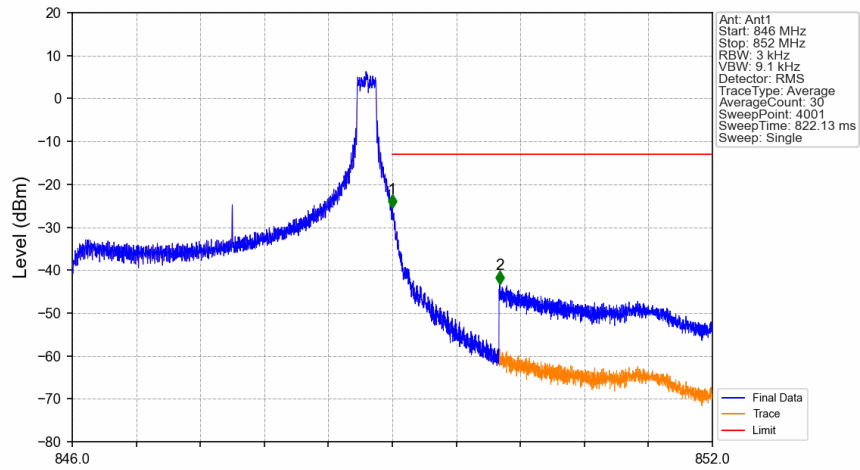
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

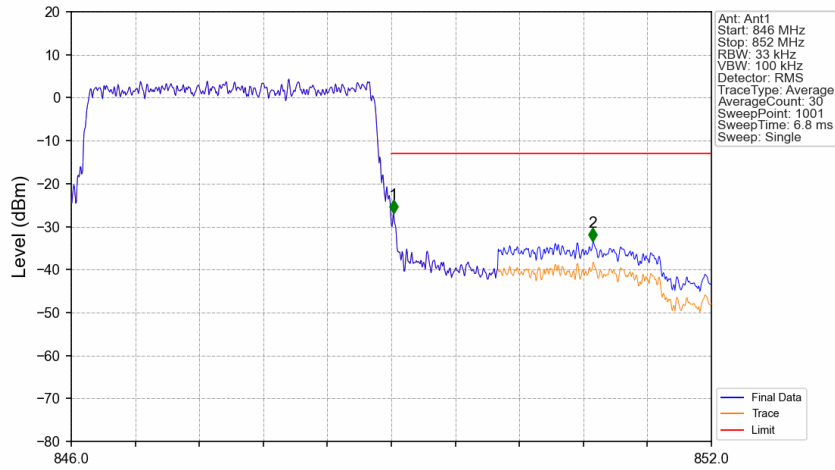


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



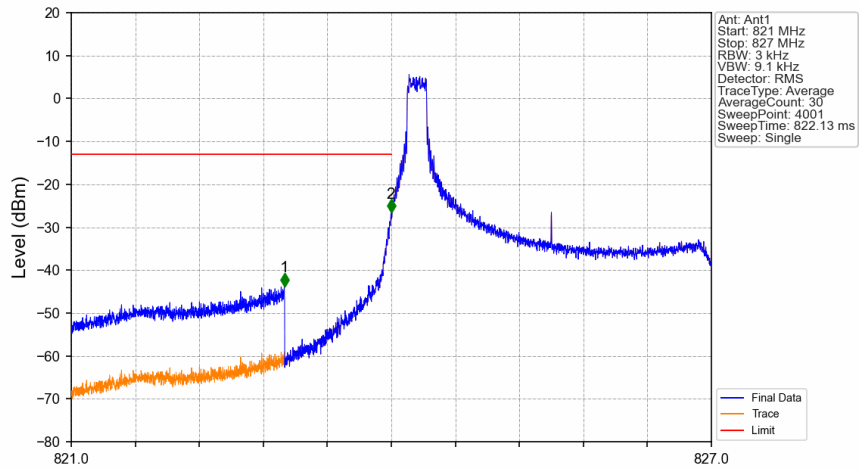
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	0	/	/	/	/	/
849	850	0.003	0	1	849.000	-25.51	-13	Pass
850	852	0.1	15.23	2	850.006	-43.25	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



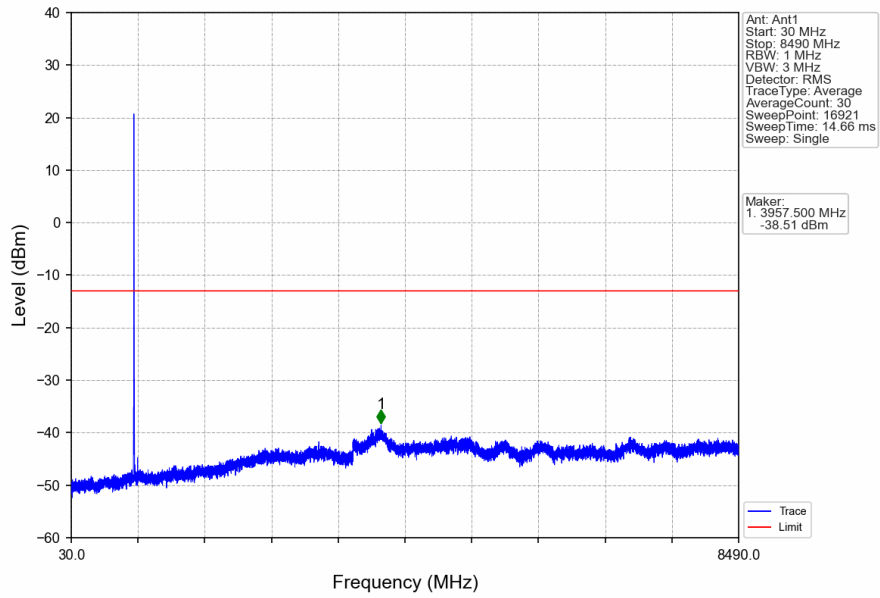
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.033	0	/	/	/	/	/
849	850	0.033	0	1	849.018	-26.93	-13	Pass
850	852	0.1	4.81	2	850.890	-33.49	-13	Pass

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

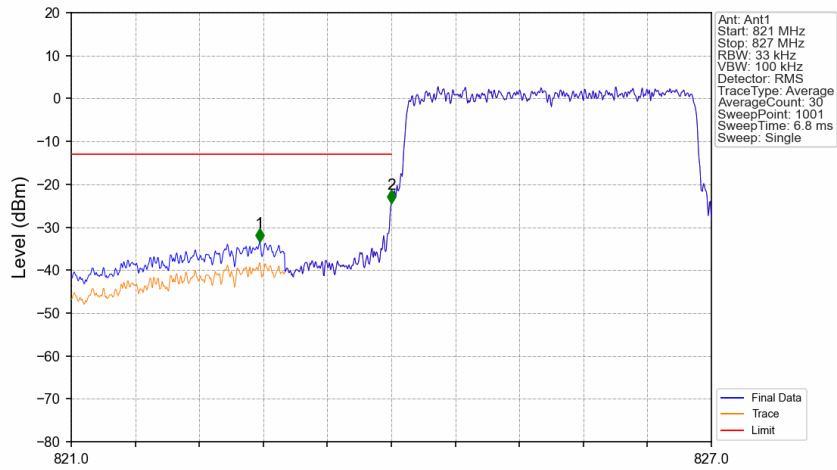


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	15.23	1	822.996	-43.76	-13	Pass
823	824	0.003	0	2	823.997	-26.51	-13	Pass
824	827	0.003	0	/	/	/	/	/

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

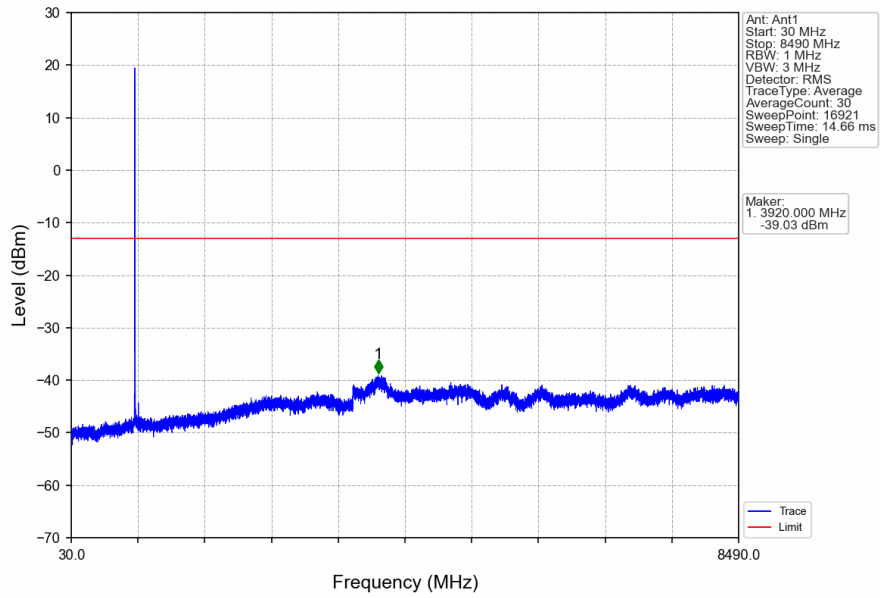


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

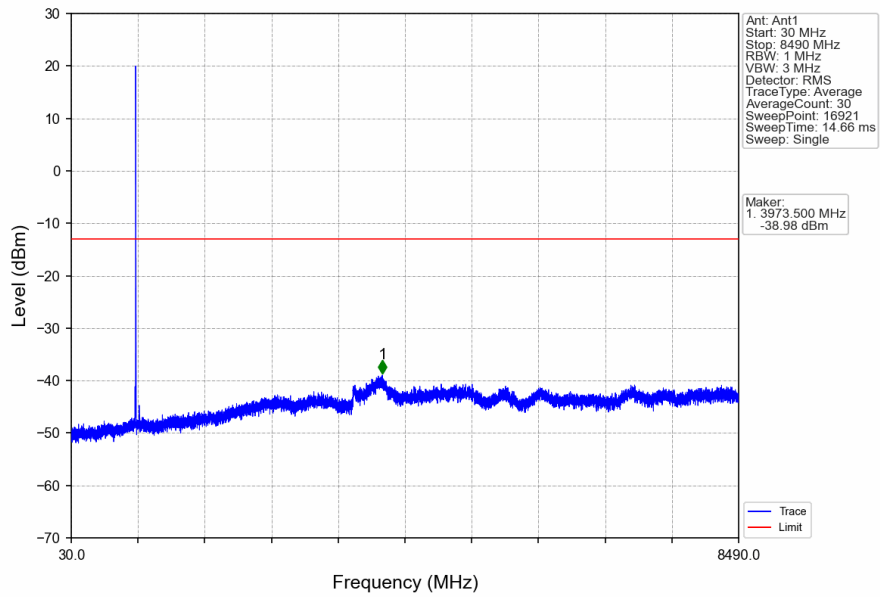


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	4.81	1	822.764	-33.50	-13	Pass
823	824	0.033	0	2	824.000	-24.49	-13	Pass
824	827	0.033	0	/	/	/	/	/

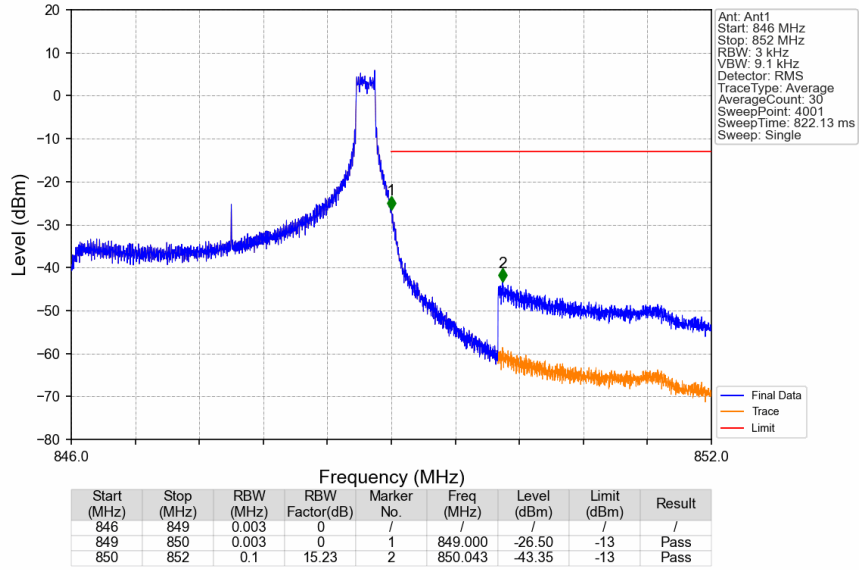
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



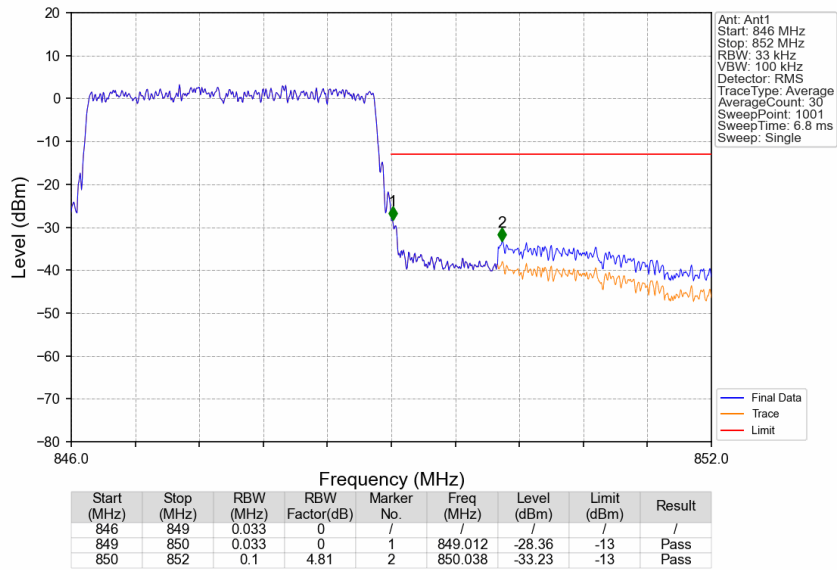
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

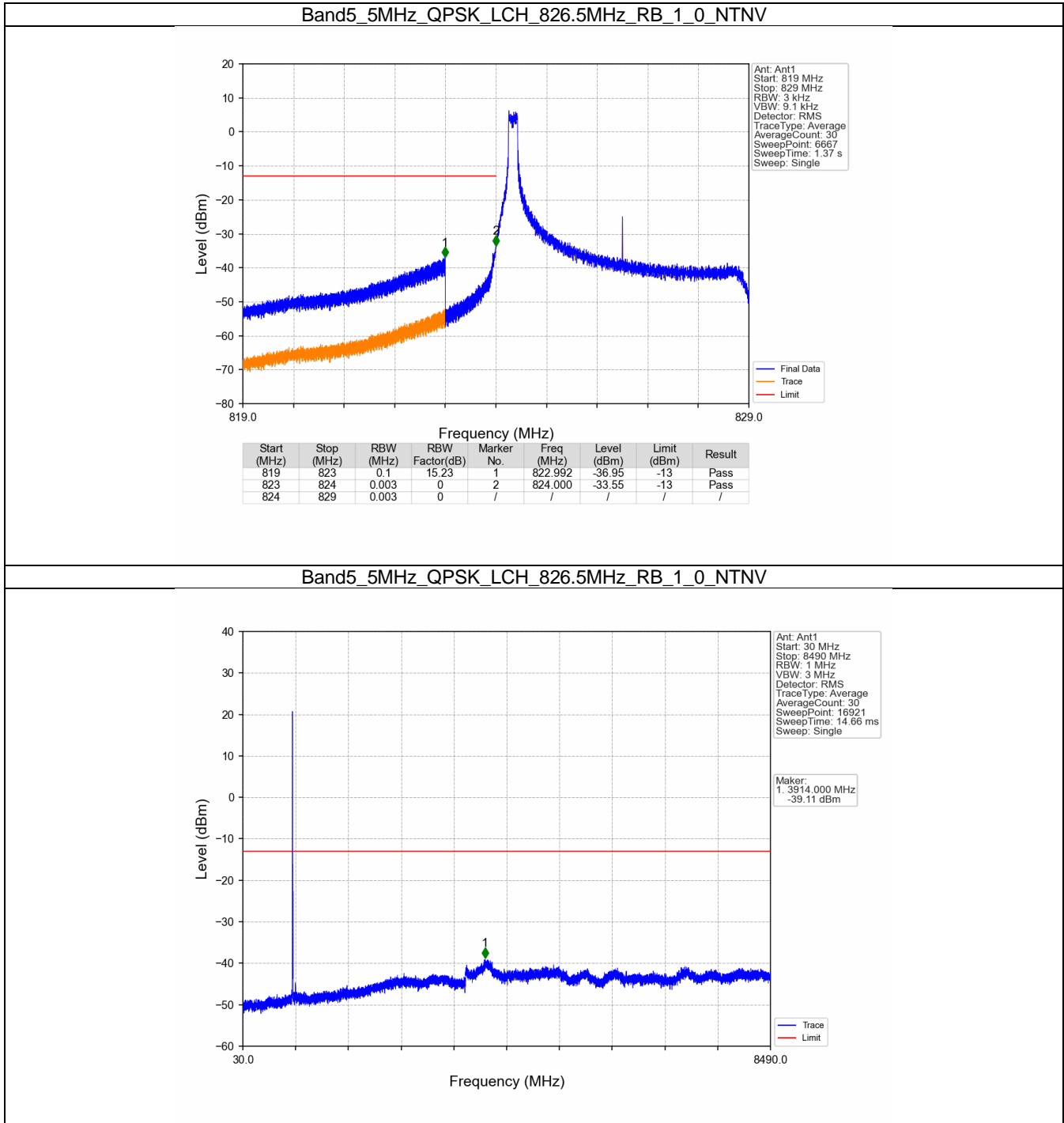


4.3 B5_5MHz

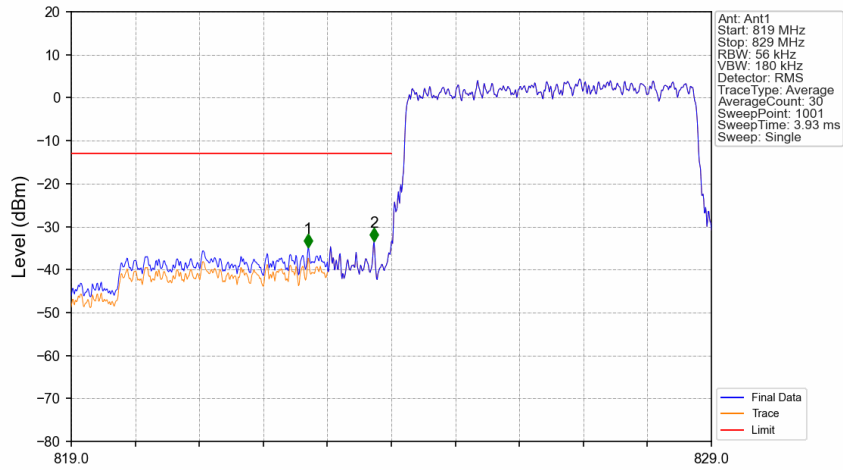
4.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

4.3.2 Test Graph

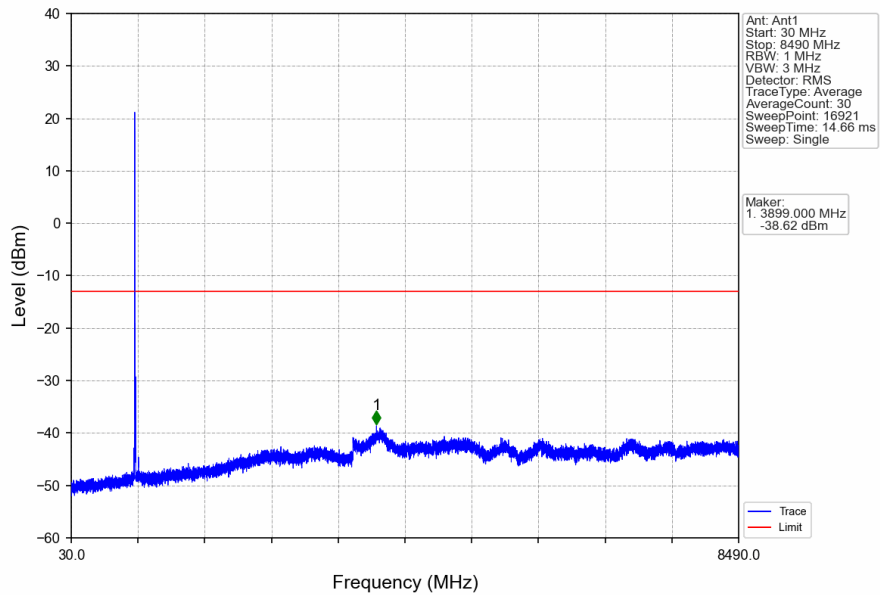


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

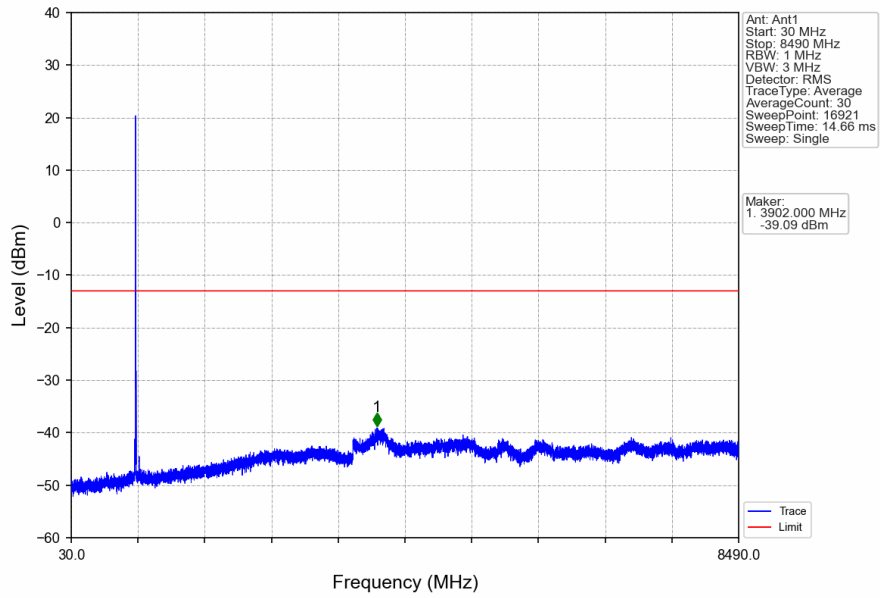


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	2.52	1	822.700	-34.82	-13	Pass
823	824	0.056	0	2	823.730	-33.46	-13	Pass
824	829	0.056	0	/	/	/	/	/

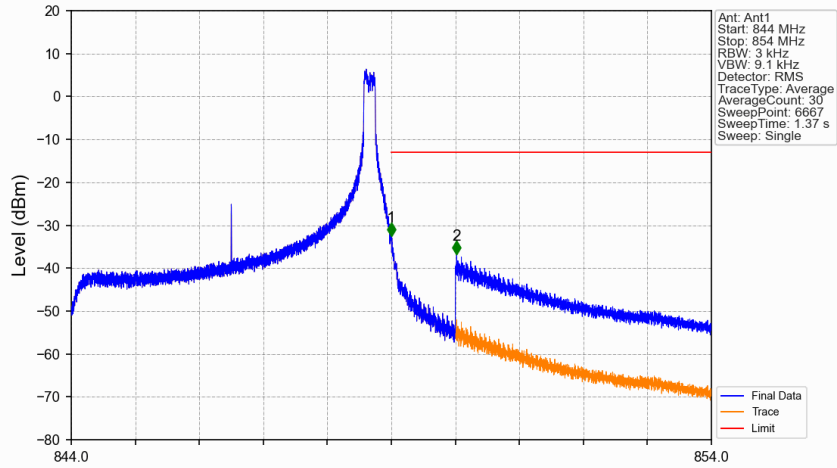
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

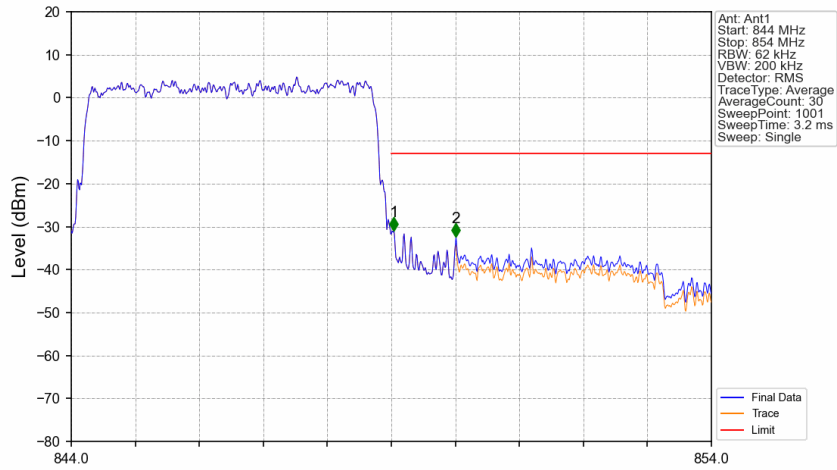


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



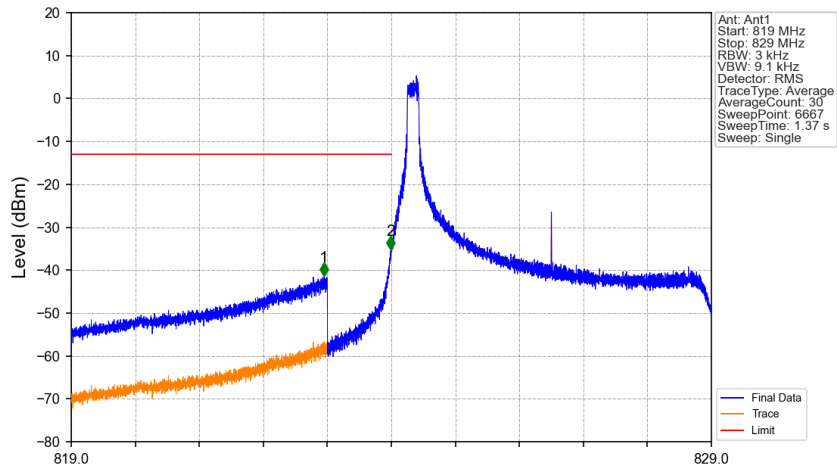
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	0	1	849.000	-32.53	-13	Pass
849	850	0.003	0	1	849.000	-32.53	-13	Pass
850	854	0.1	15.23	2	850.020	-36.84	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



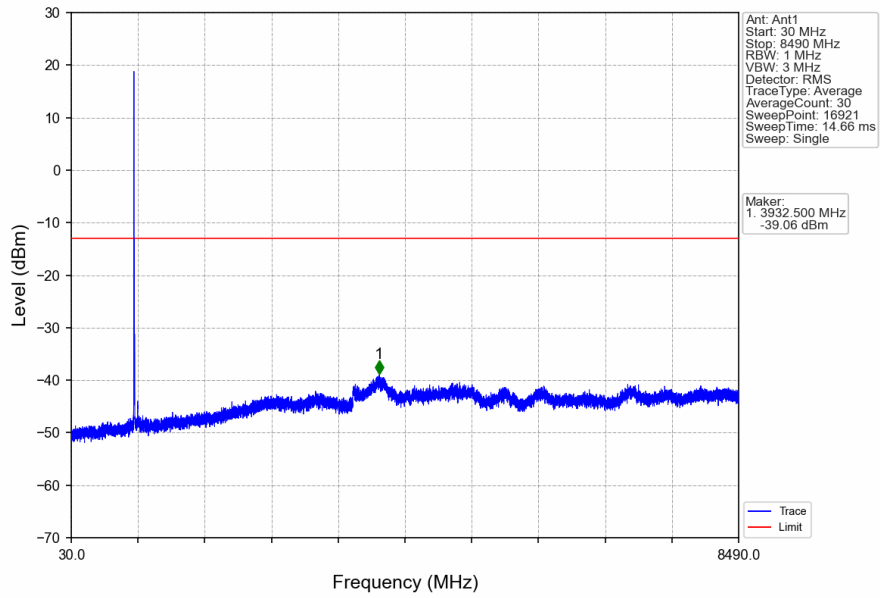
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.062	0	/	/	/	/	/
849	850	0.062	0	1	849.040	-30.93	-13	Pass
850	854	0.1	2.08	2	850.010	-32.35	-13	Pass

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

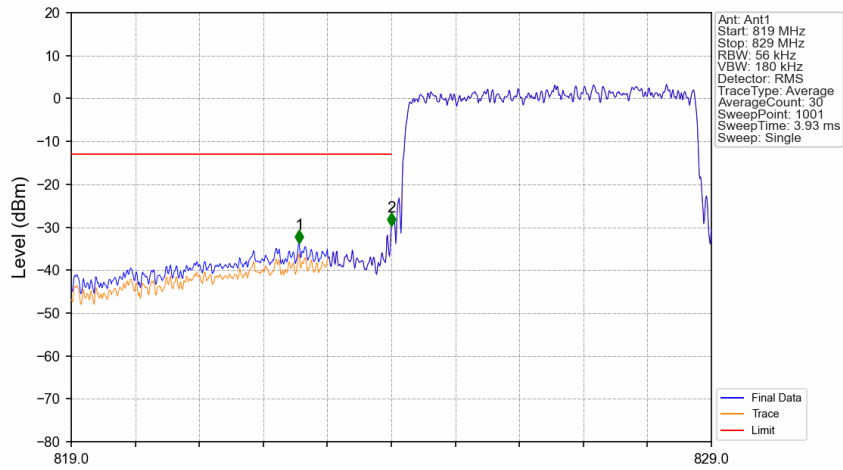


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	15.23	1	822.948	-41.43	-13	Pass
823	824	0.003	0	2	823.994	-35.16	-13	Pass
824	829	0.003	0	/	/	/	/	/

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

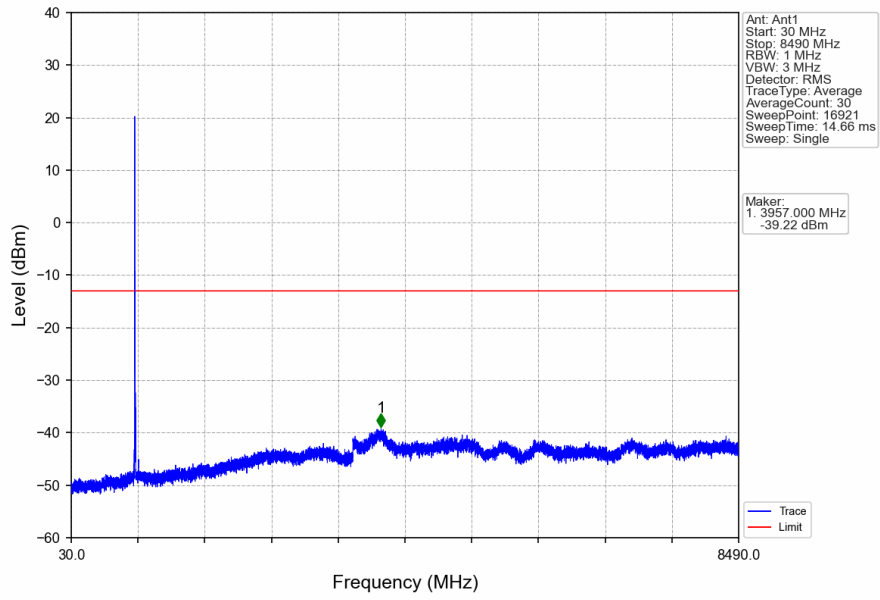


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

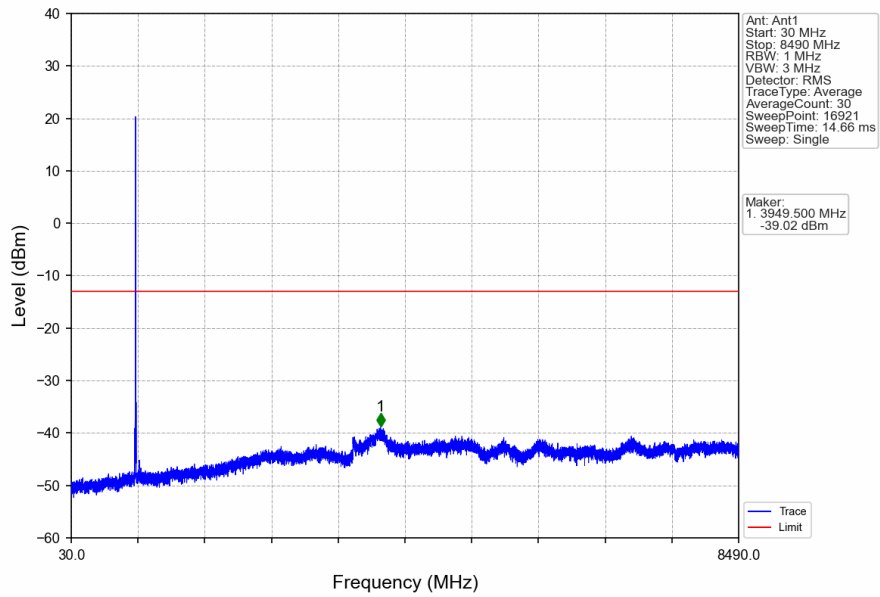


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	2.52	1	822.560	-33.74	-13	Pass
823	824	0.056	0	2	824.000	-29.74	-13	Pass
824	829	0.056	0	/	/	/	/	/

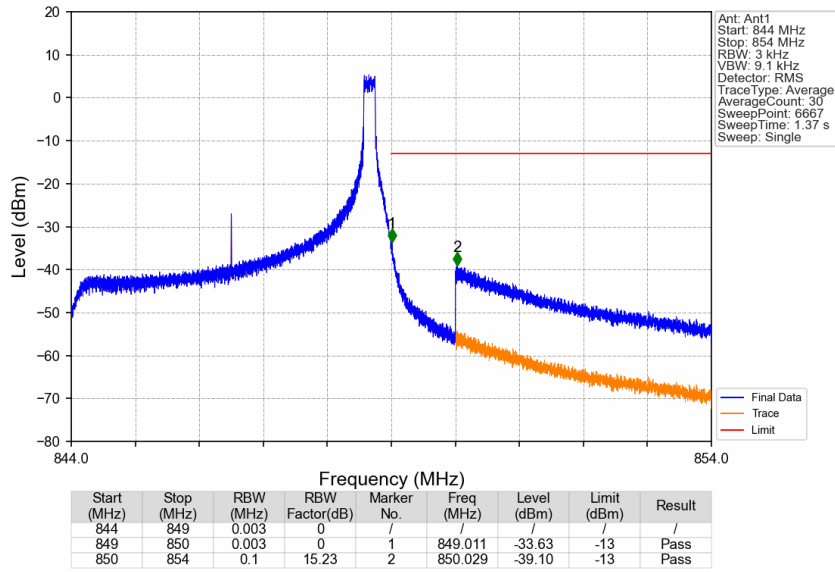
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



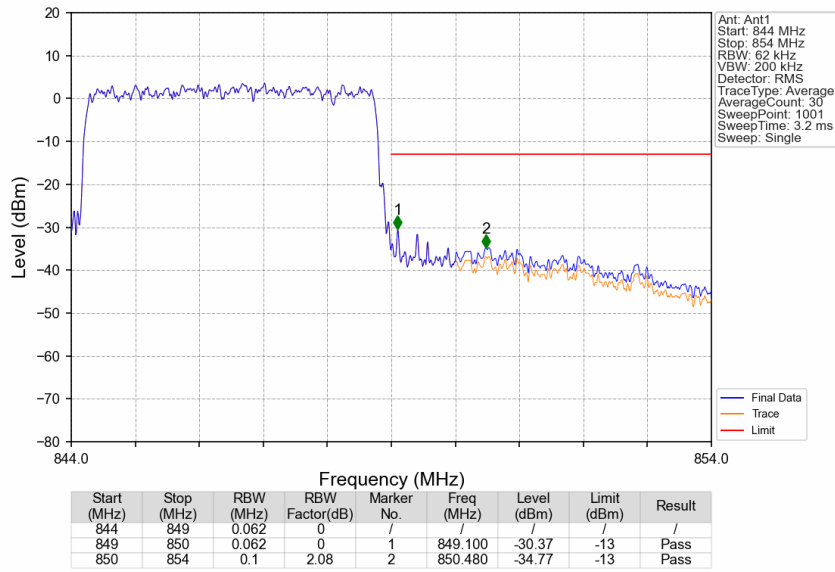
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

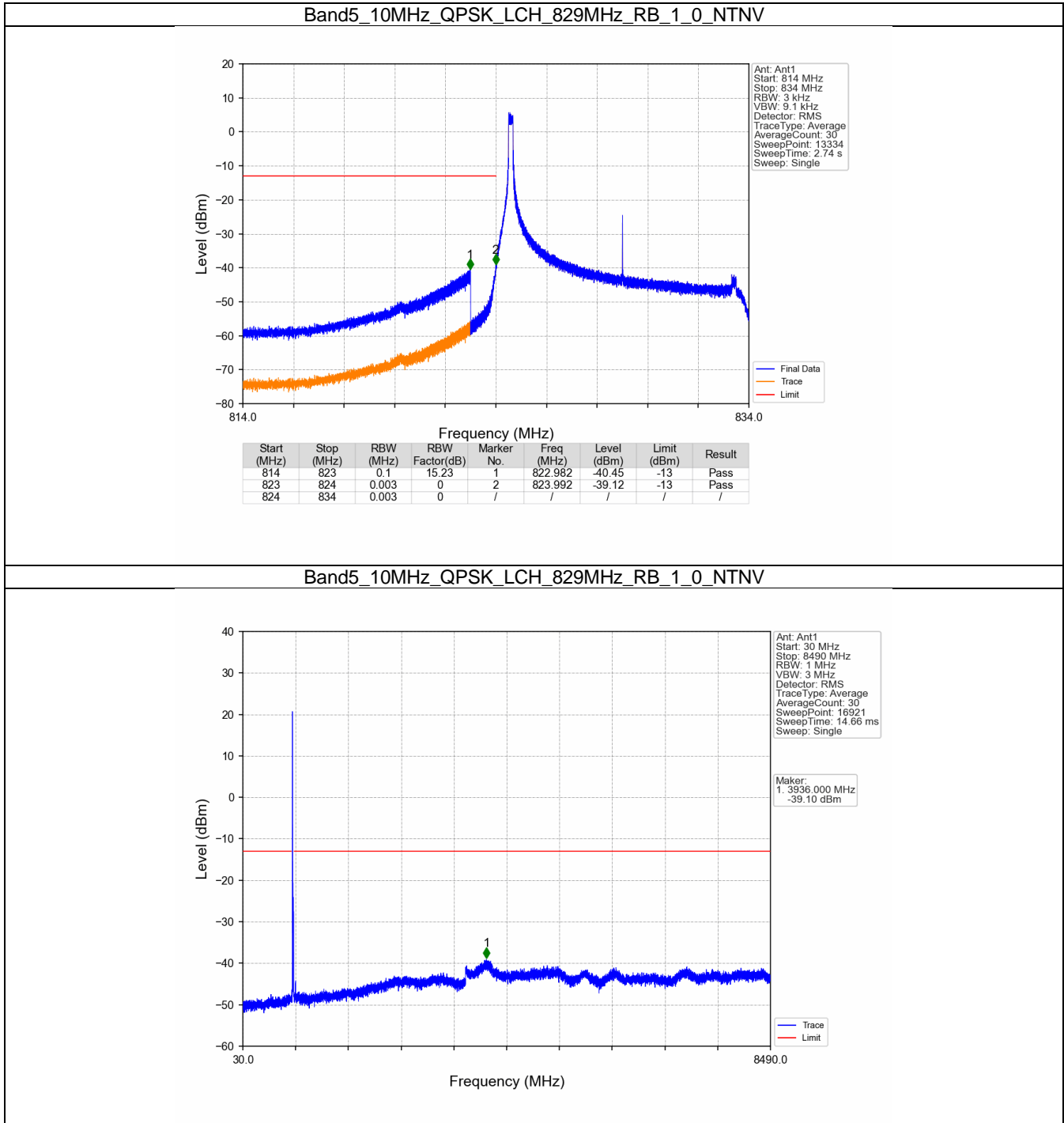


4.4 B5_10MHz

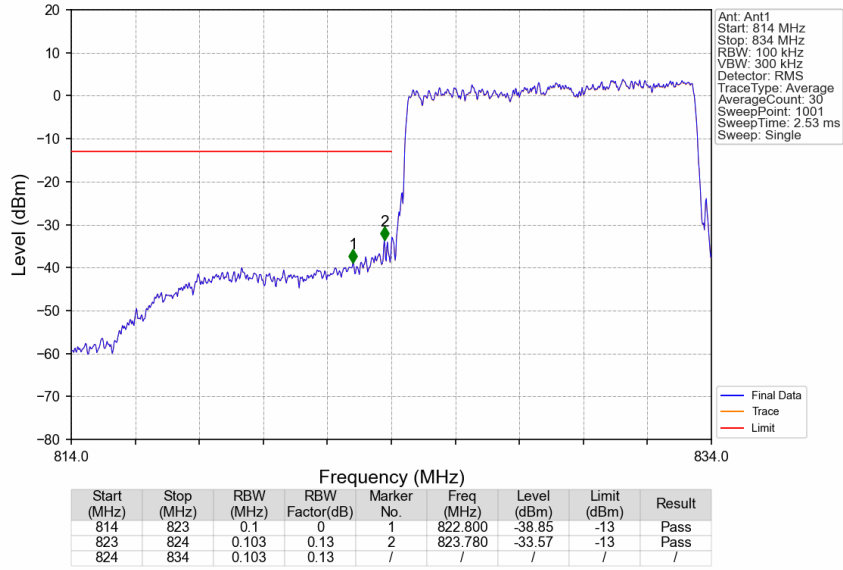
4.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

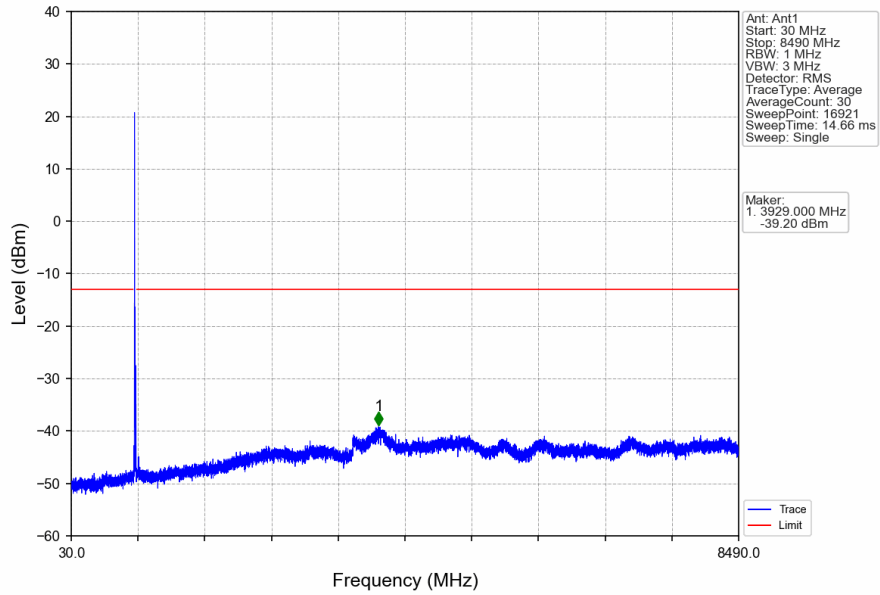
4.4.2 Test Graph



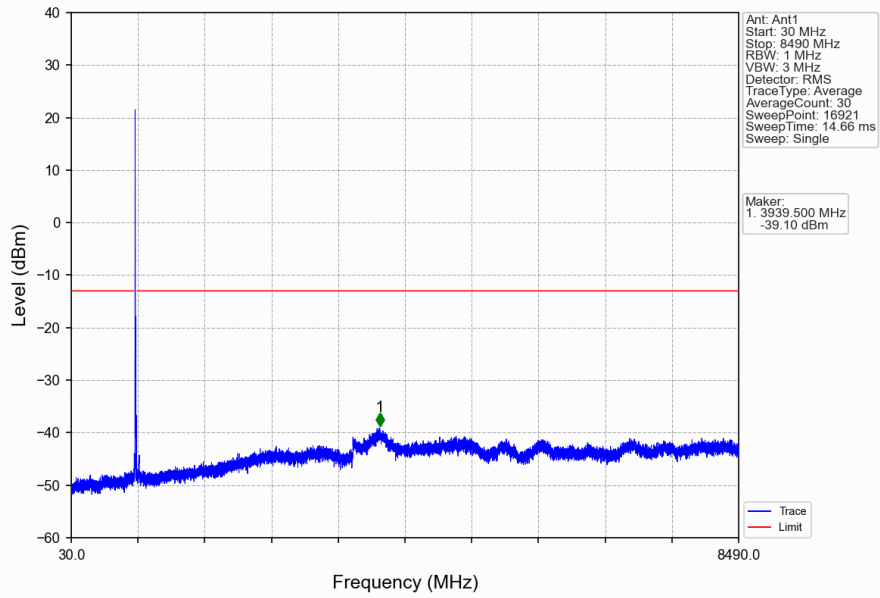
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



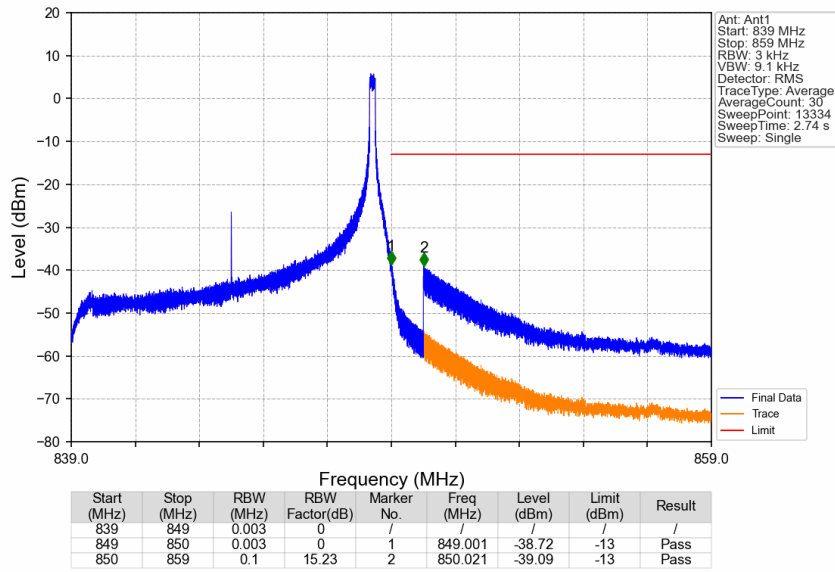
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



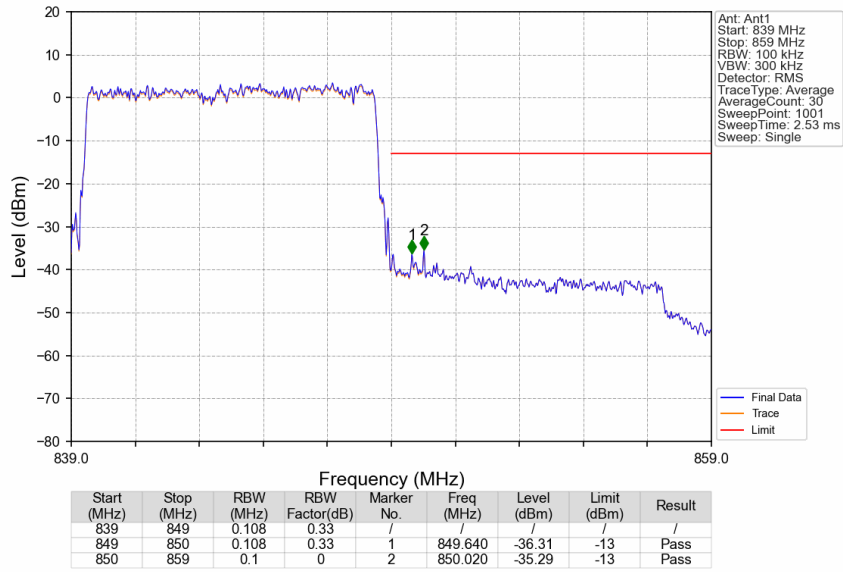
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



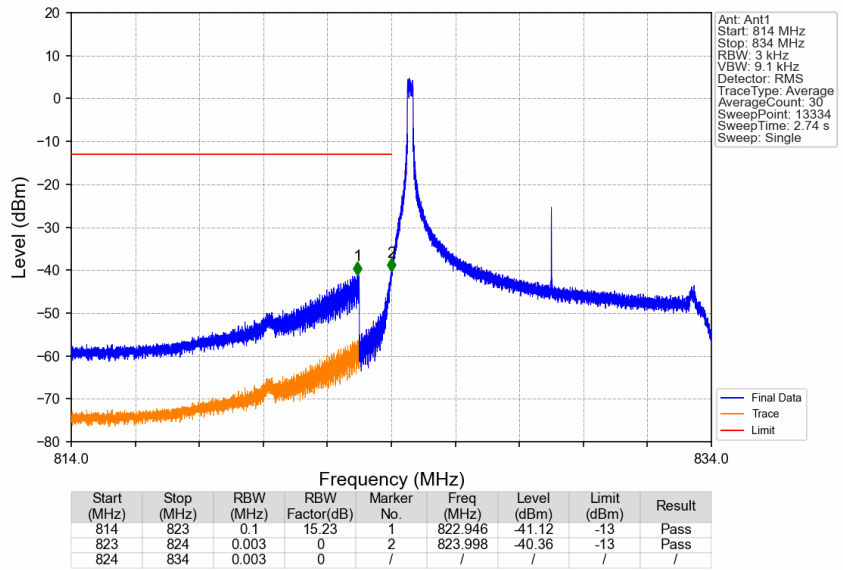
Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



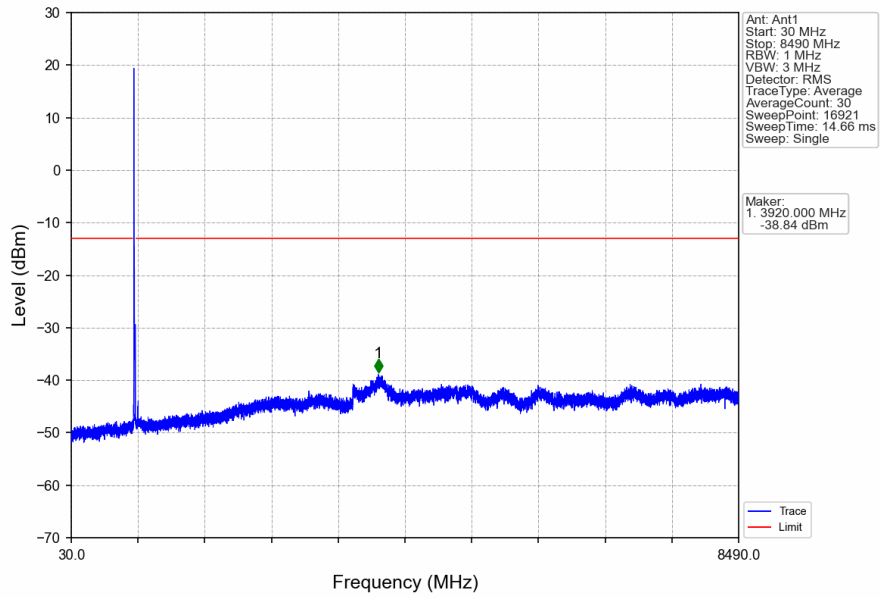
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



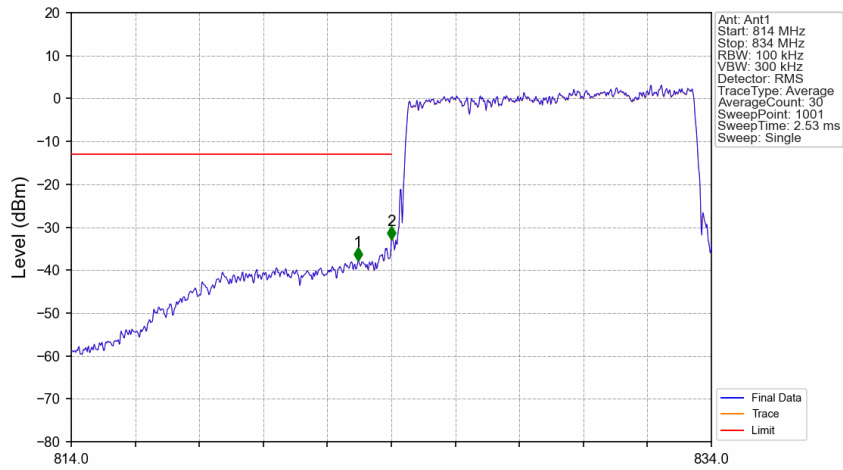
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

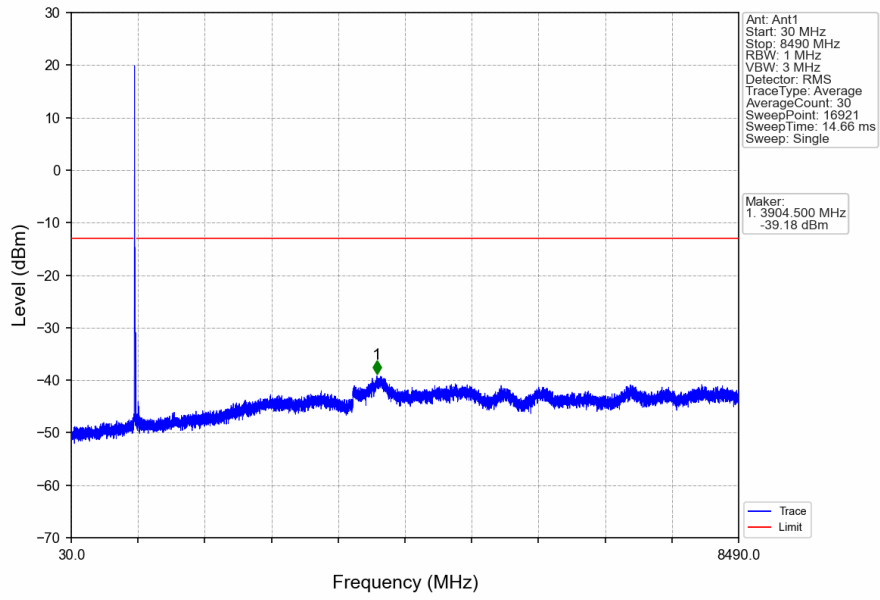


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

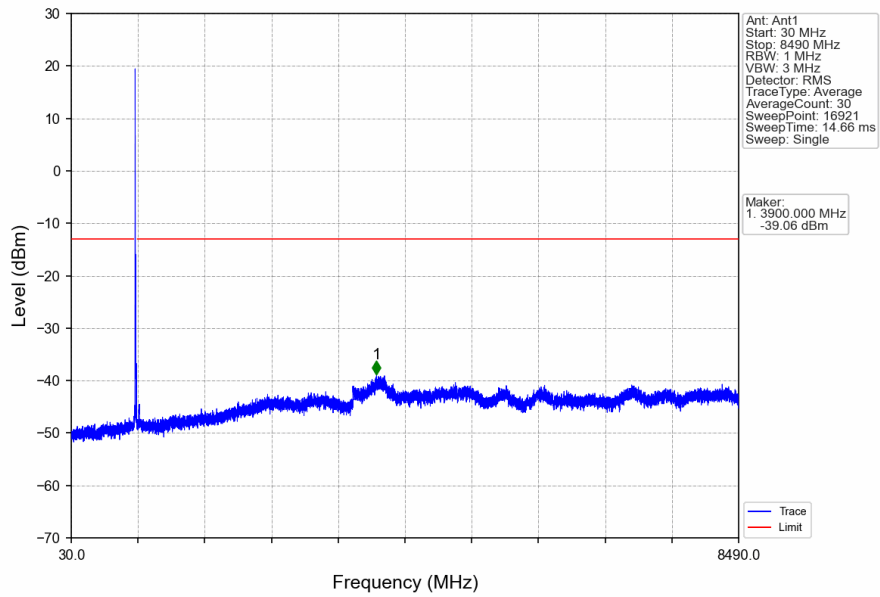


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	0	1	822.960	-37.81	-13	Pass
823	824	0.103	0.13	2	824.000	-32.88	-13	Pass
824	834	0.103	0.13	/	/	/	/	/

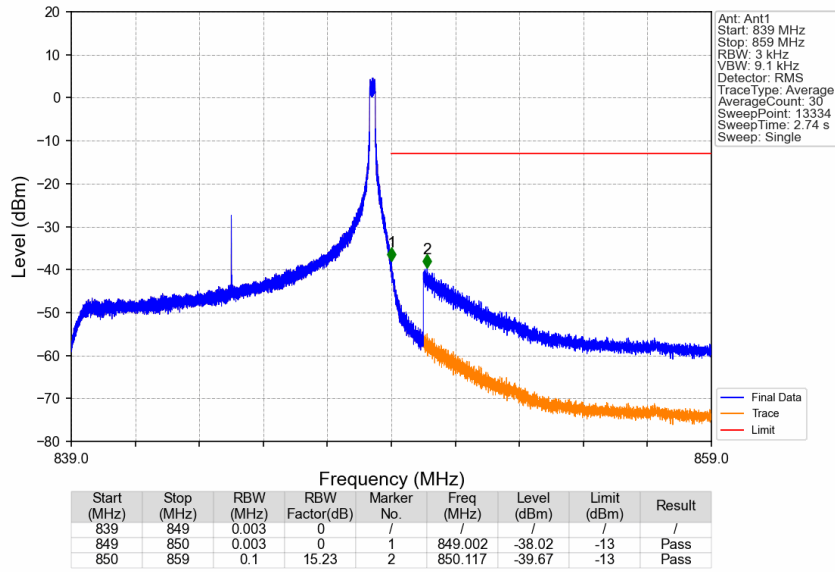
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



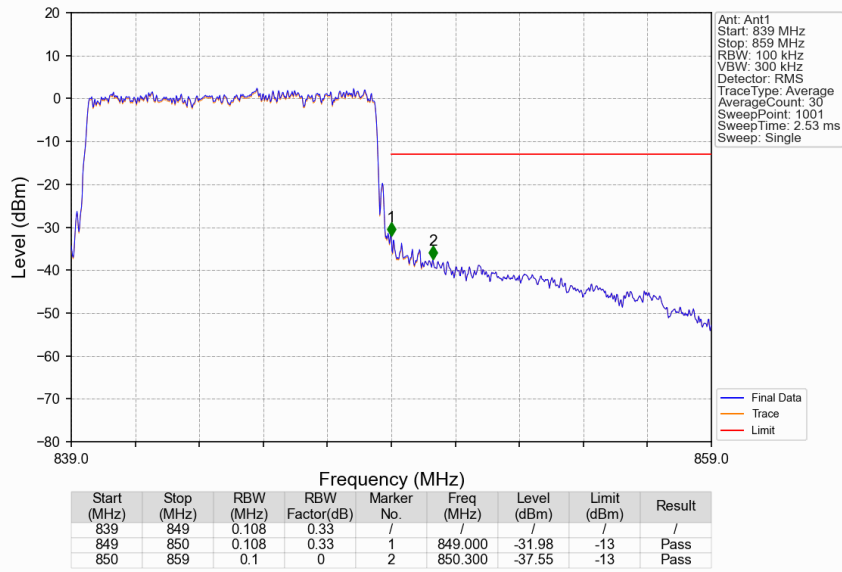
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



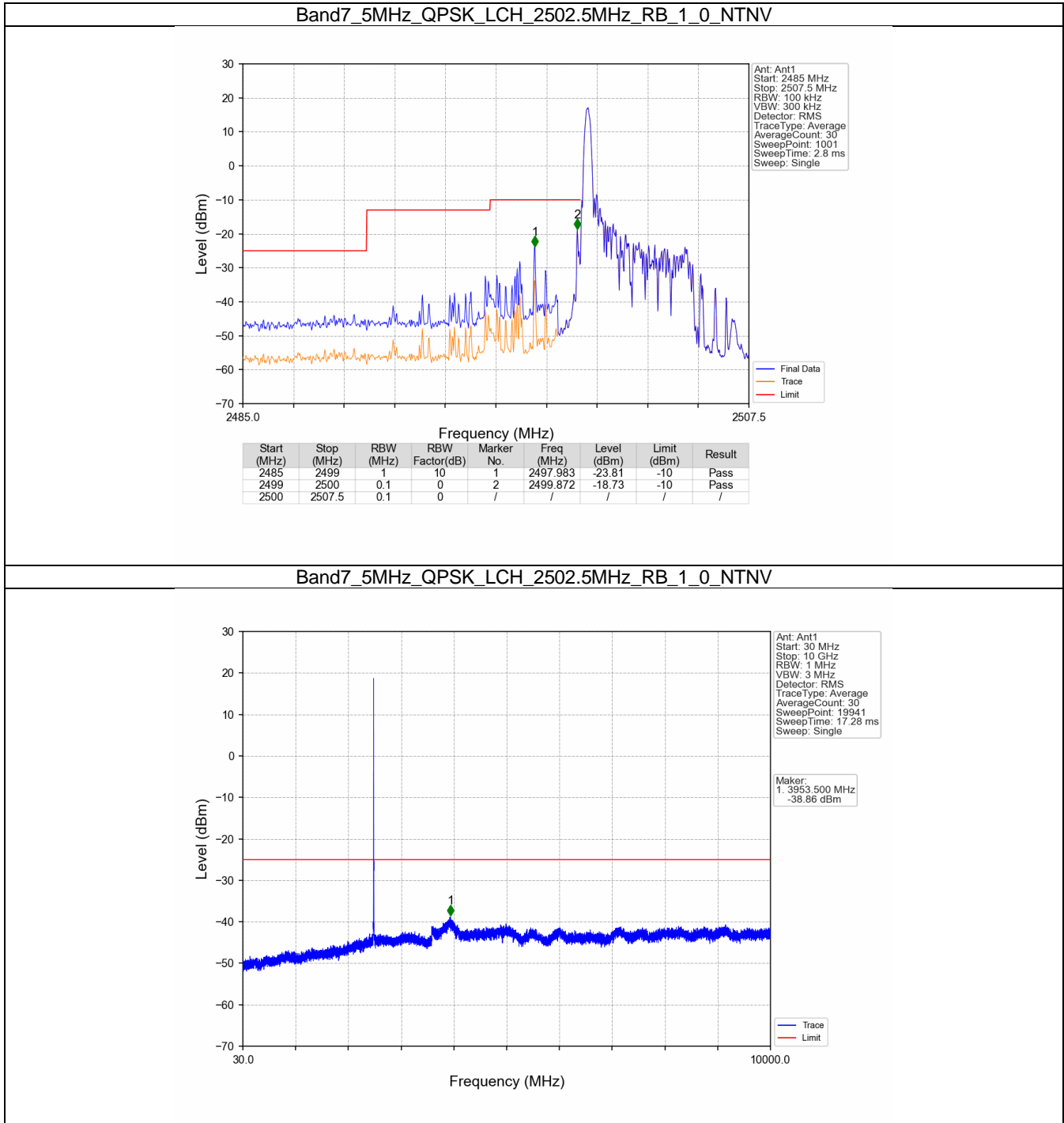
5. Spurious Emission

5.1 B7_5MHz

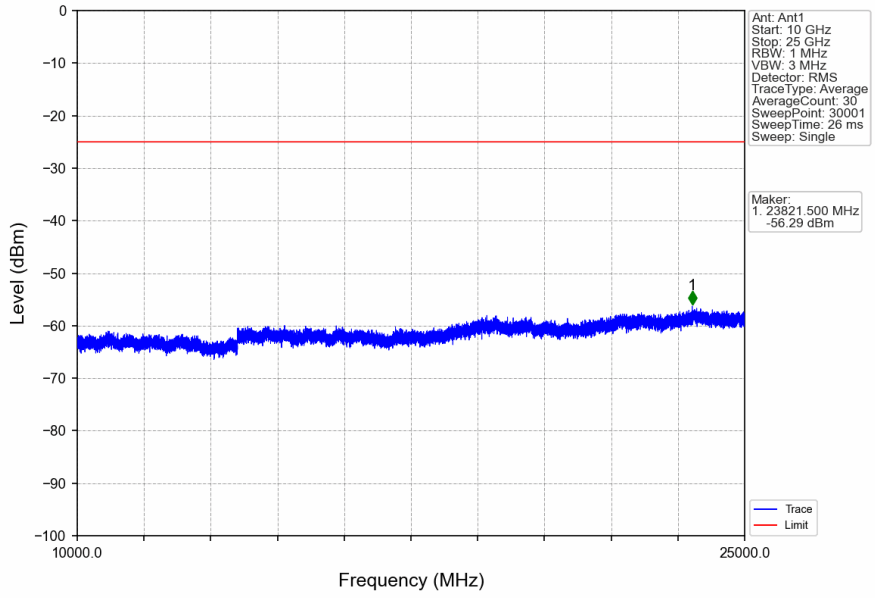
5.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

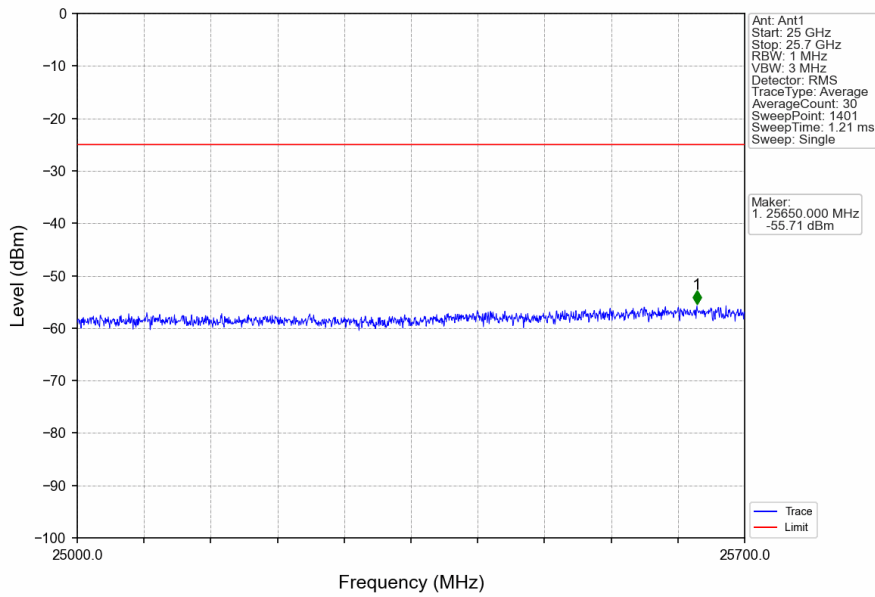
5.1.2 Test Graph



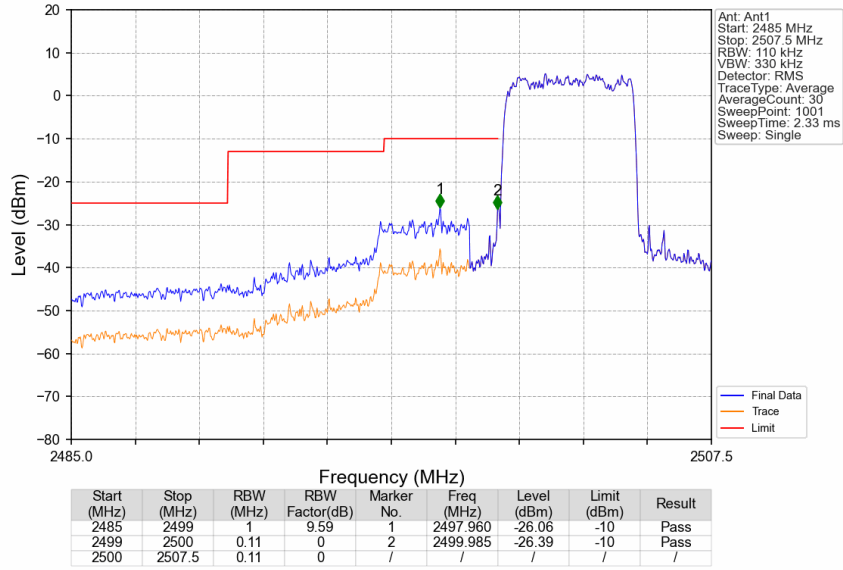
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

