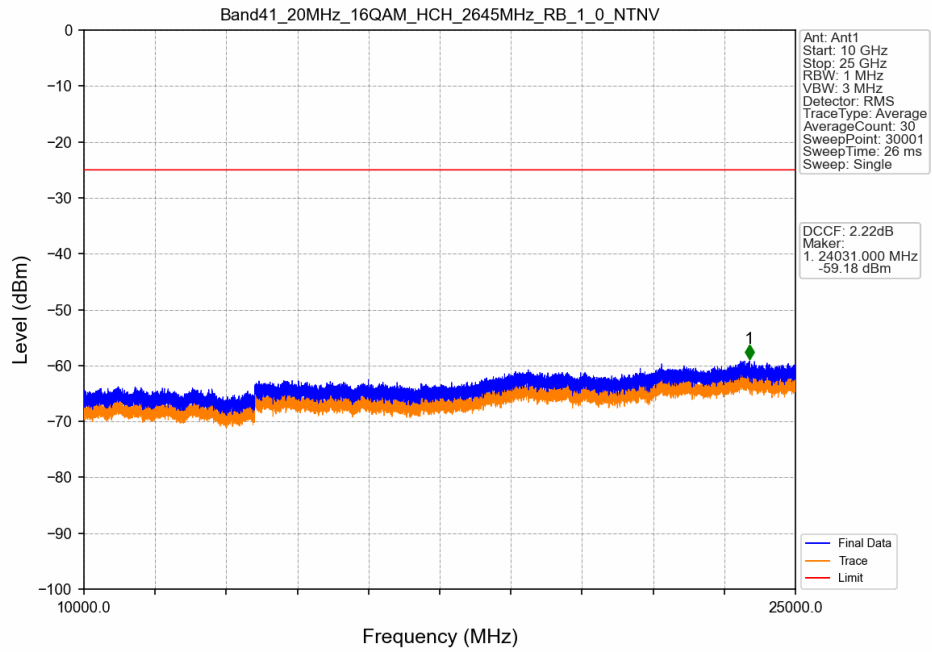
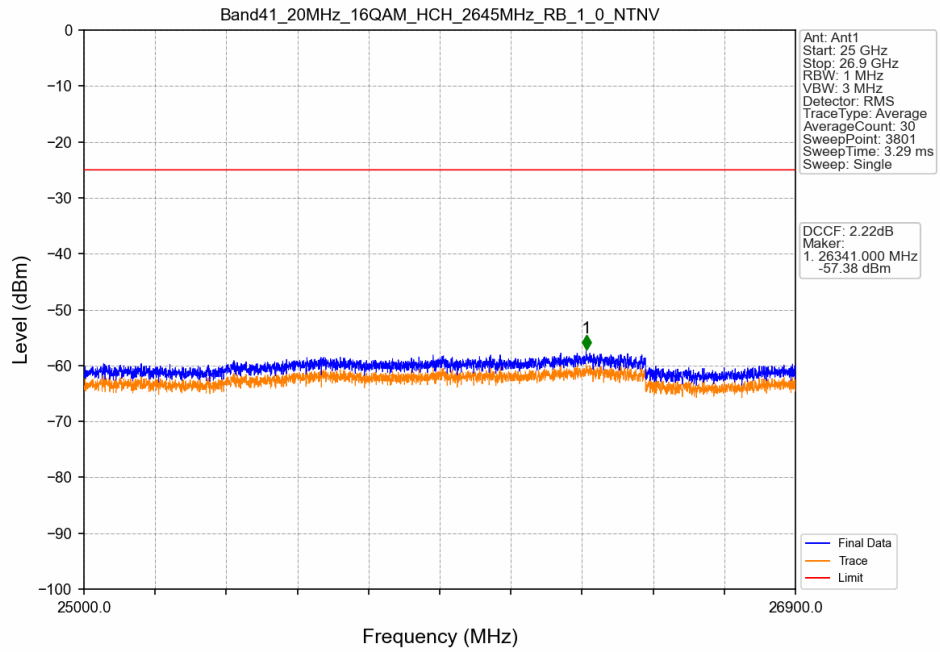


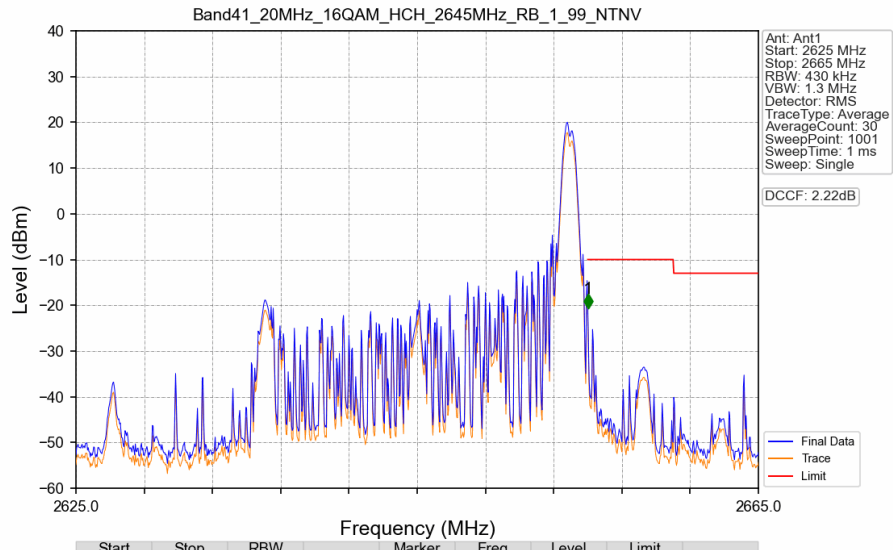
Band41_20MHz_16QAM_HCH_2645MHz_RB_1_0_NTNV



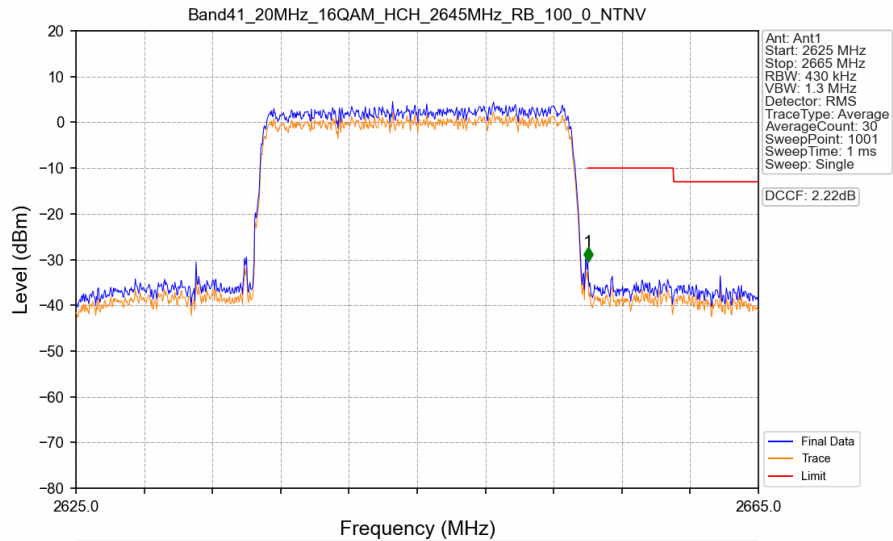
Band41_20MHz_16QAM_HCH_2645MHz_RB_1_0_NTNV



Band41 20MHz 16QAM HCH 2645MHz RB 1 99 NTNV



Band41 20MHz 16QAM HCH 2645MHz RB 100 0 NTNV



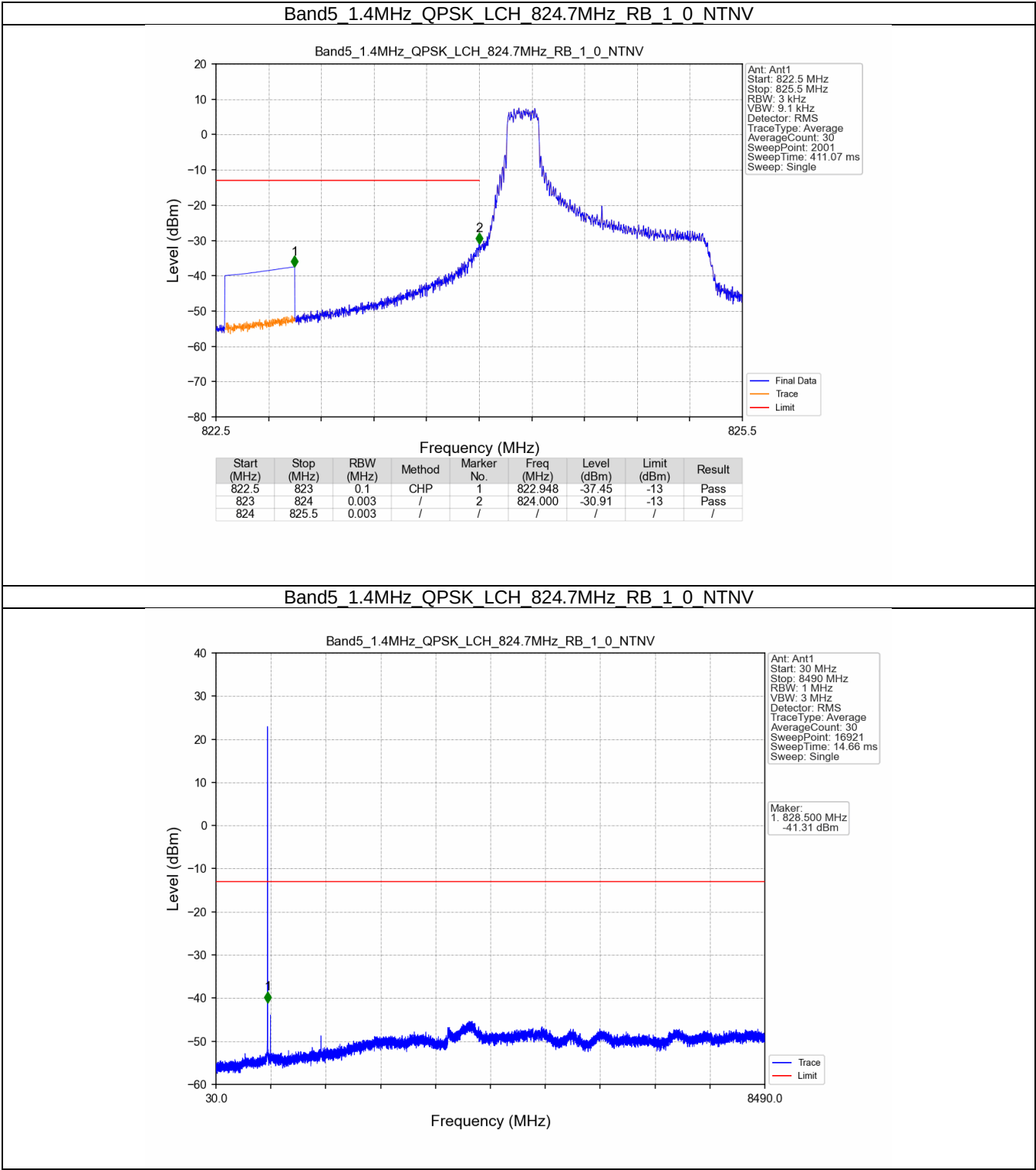
13. Spurious Emission

13.1 B5_1.4MHz

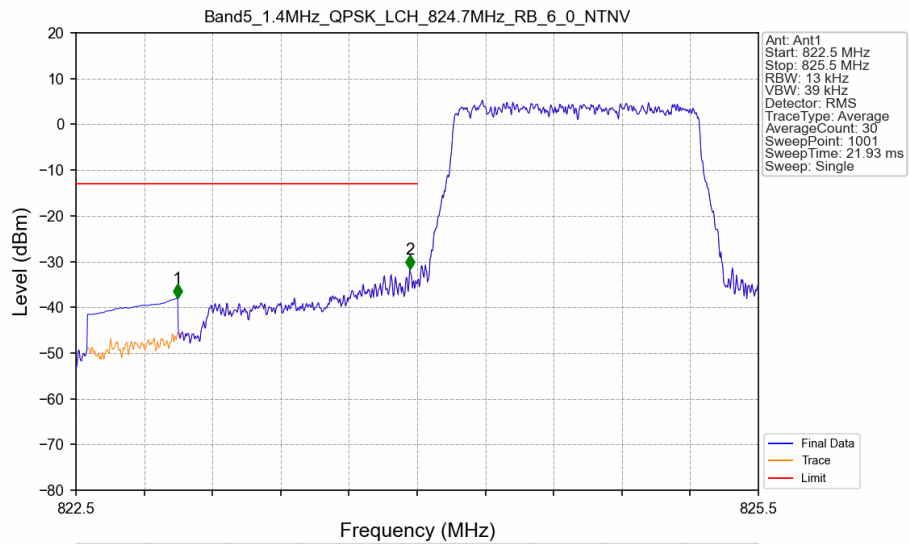
13.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
	848.3	1	0	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
	848.3	1	0	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass

13.1.2 Test Graph

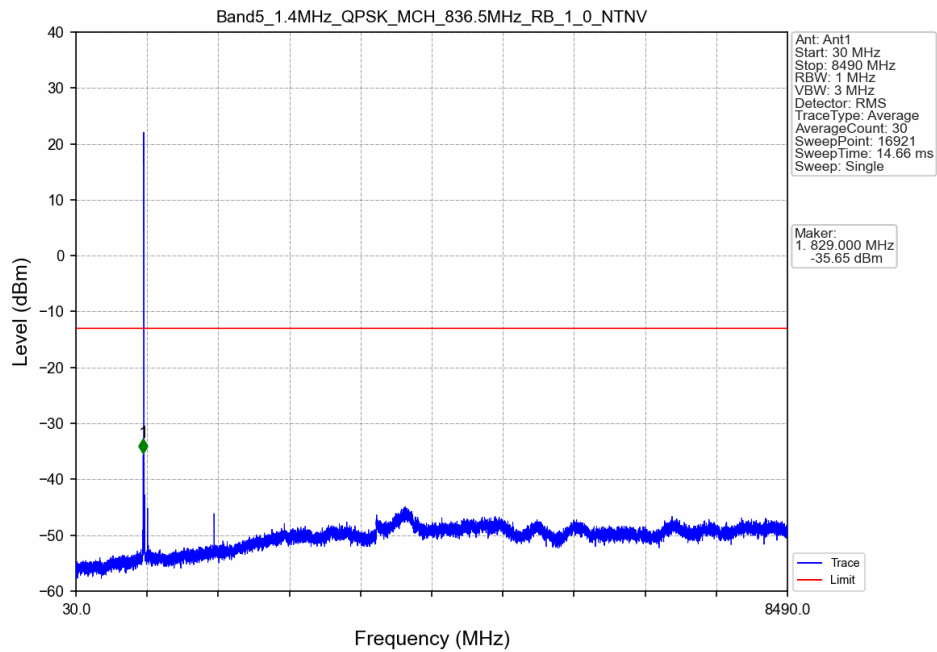


Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV

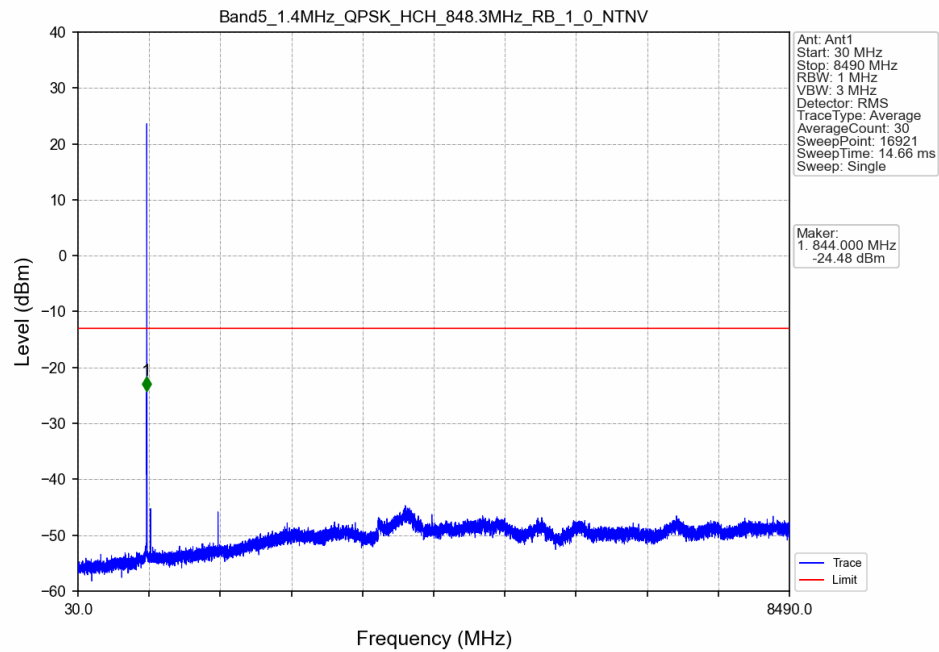


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-38.01	-13	Pass
823	824	0.013	/	2	823.967	-31.73	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

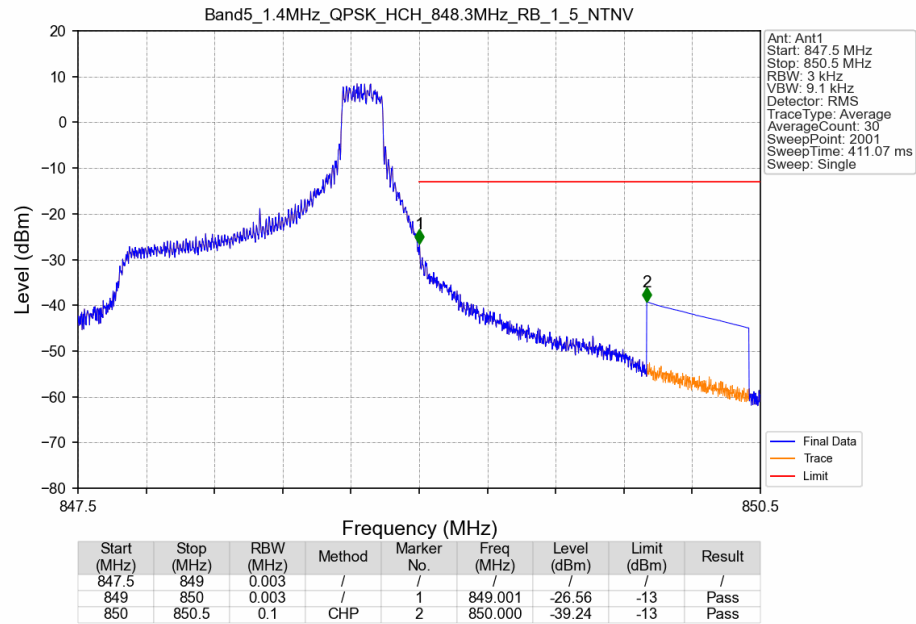
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



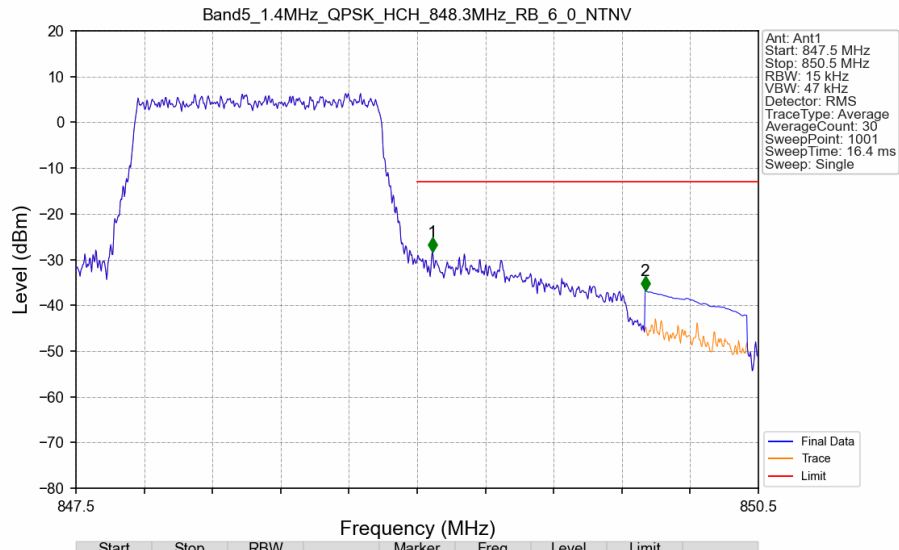
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV



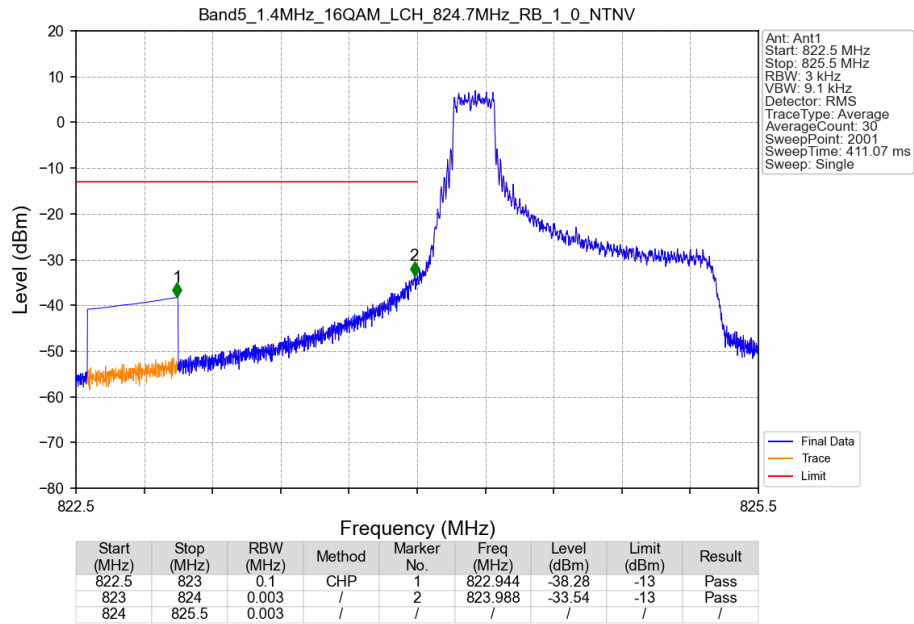
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTNV



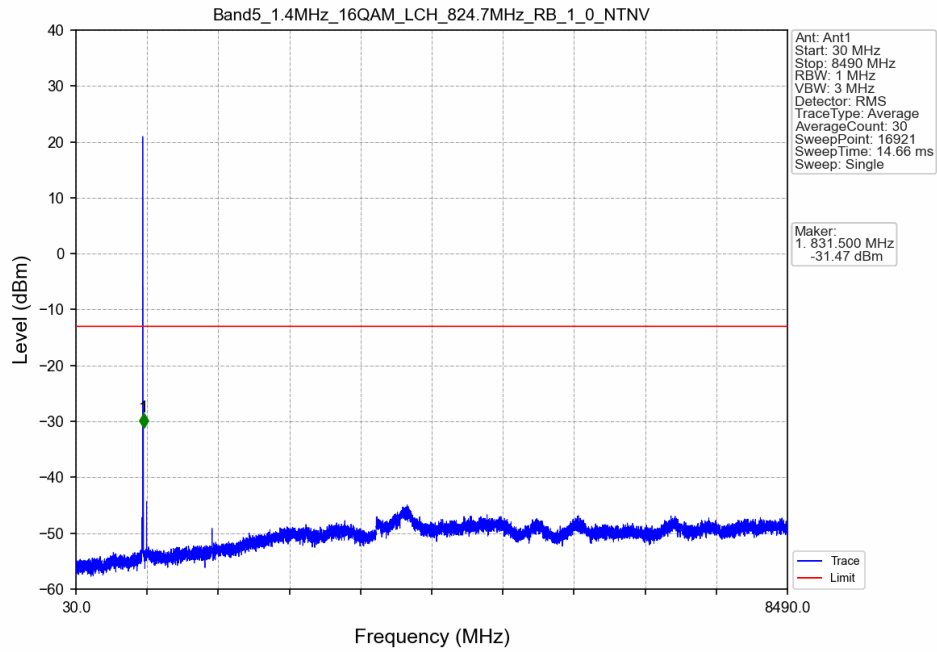
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



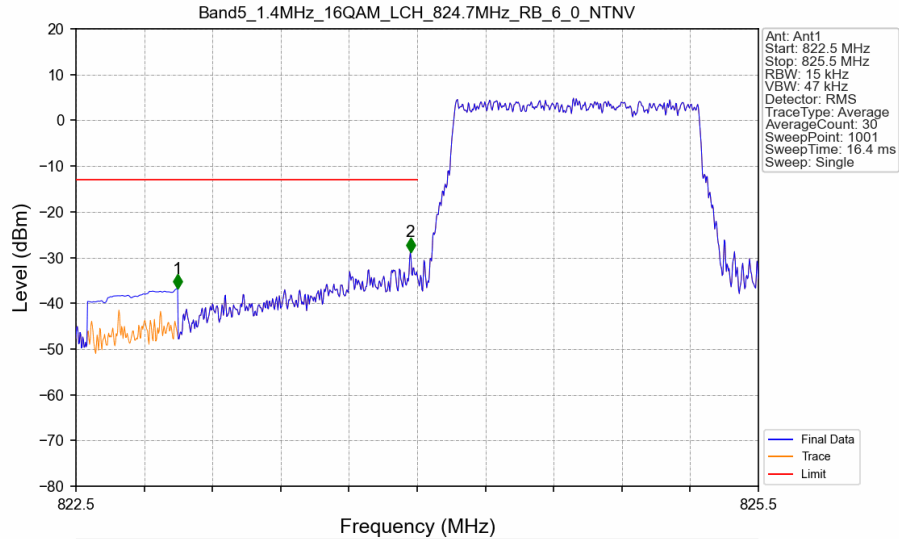
Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTN



Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTV

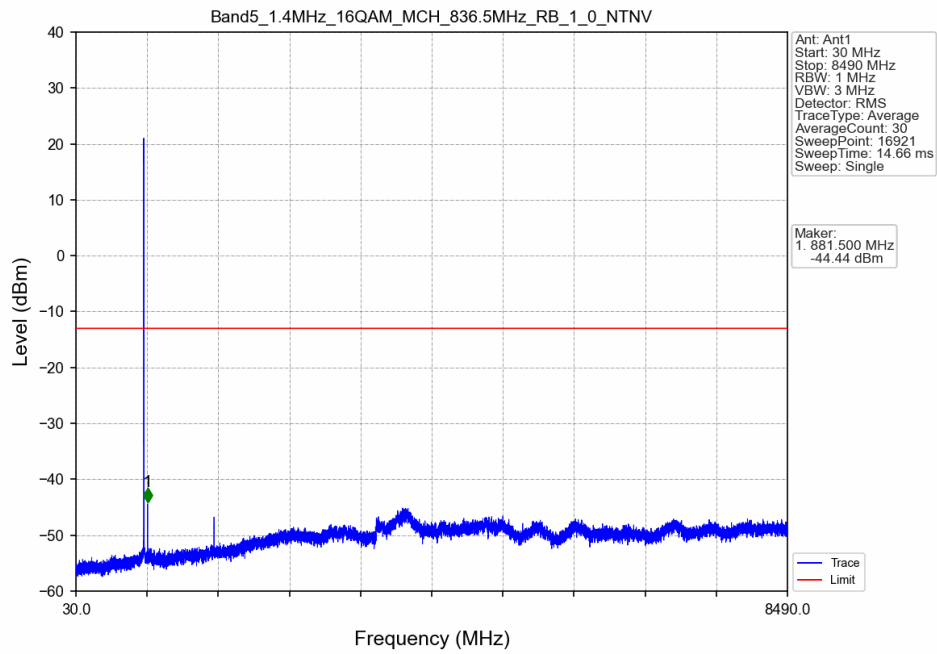


Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTV

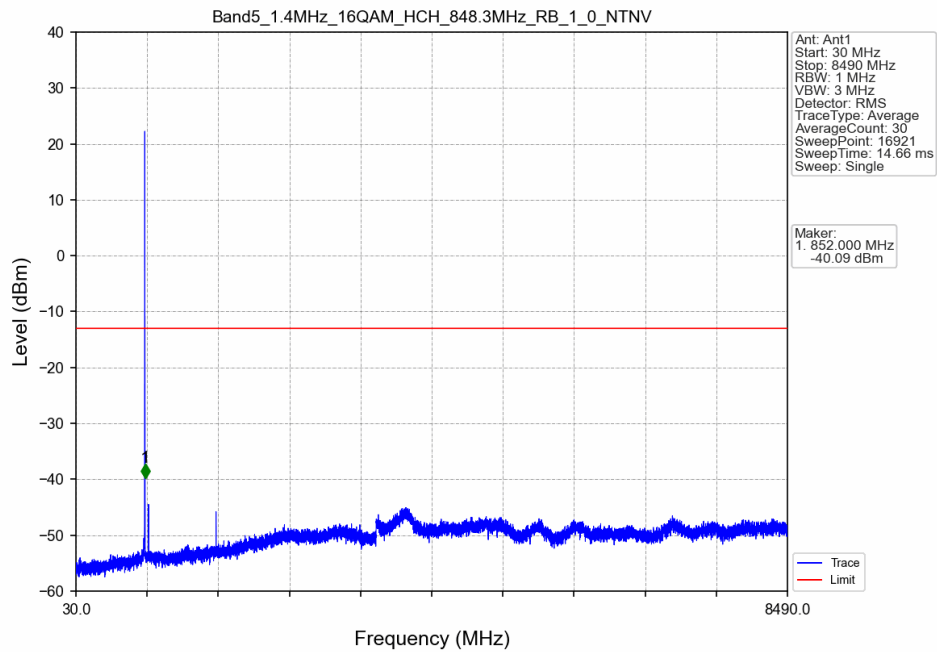


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-36.78	-13	Pass
823	824	0.015	/	2	823.970	-28.77	-13	Pass
824	825.5	0.015	/	/	/	/	/	/

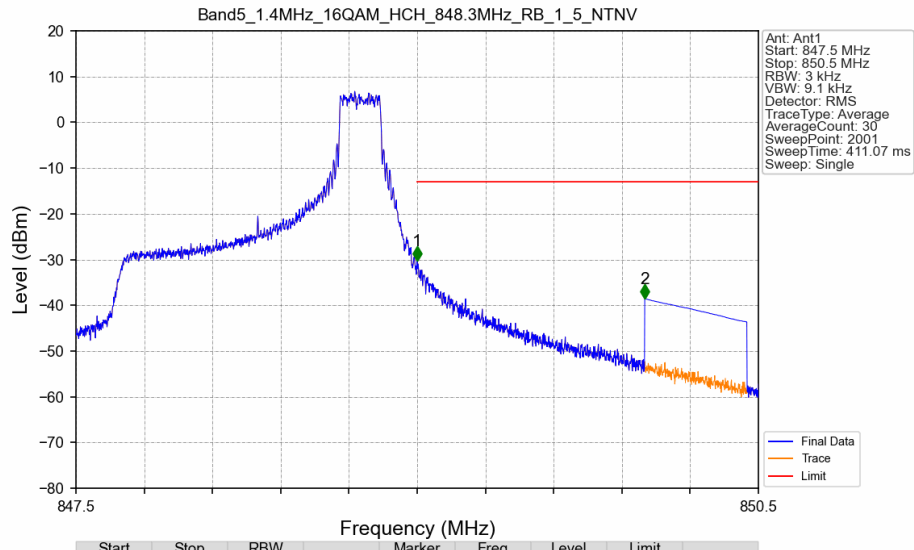
Band5 1.4MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



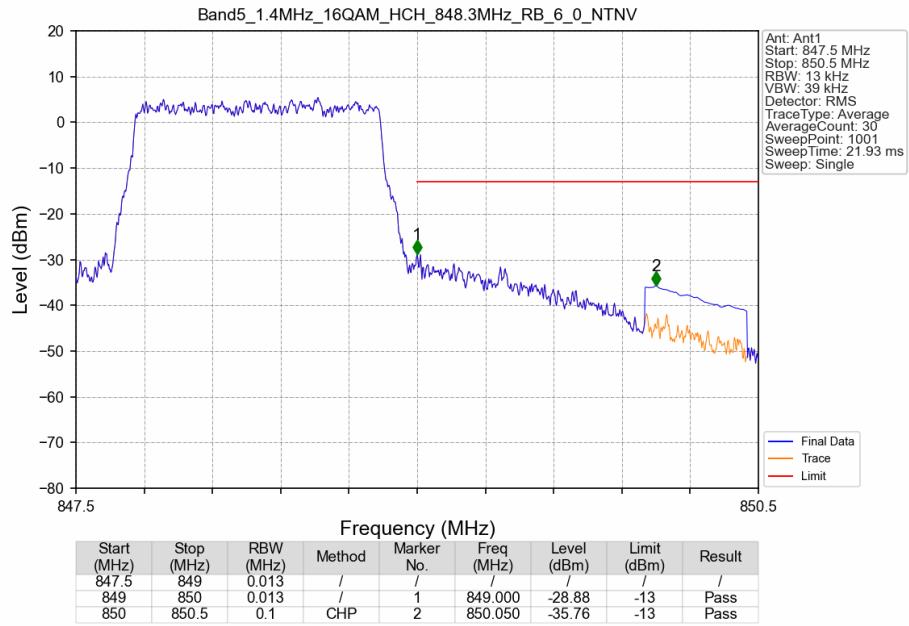
Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 0 NTNV



Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 5 NTNV



Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV

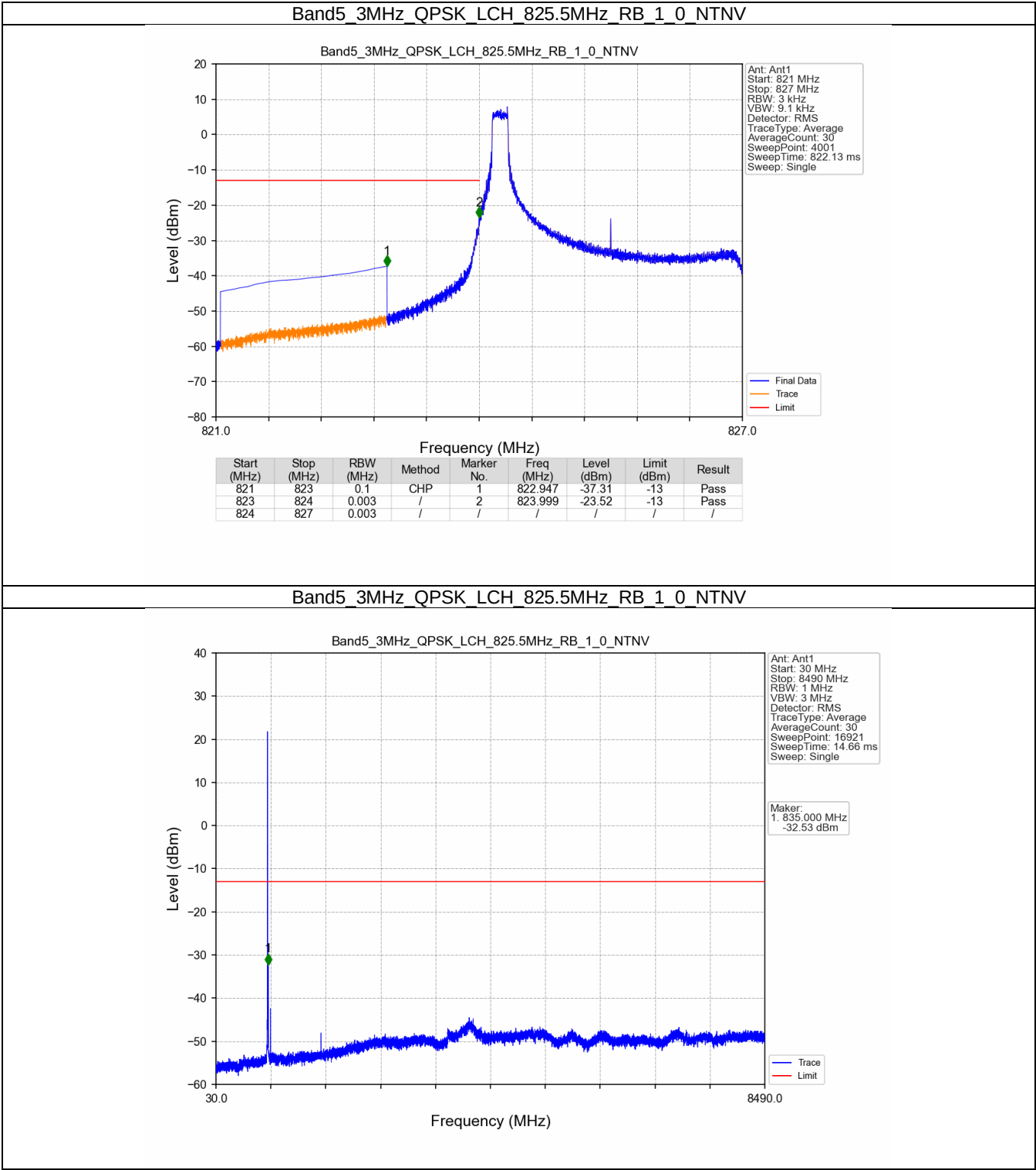


13.2 B5_3MHz

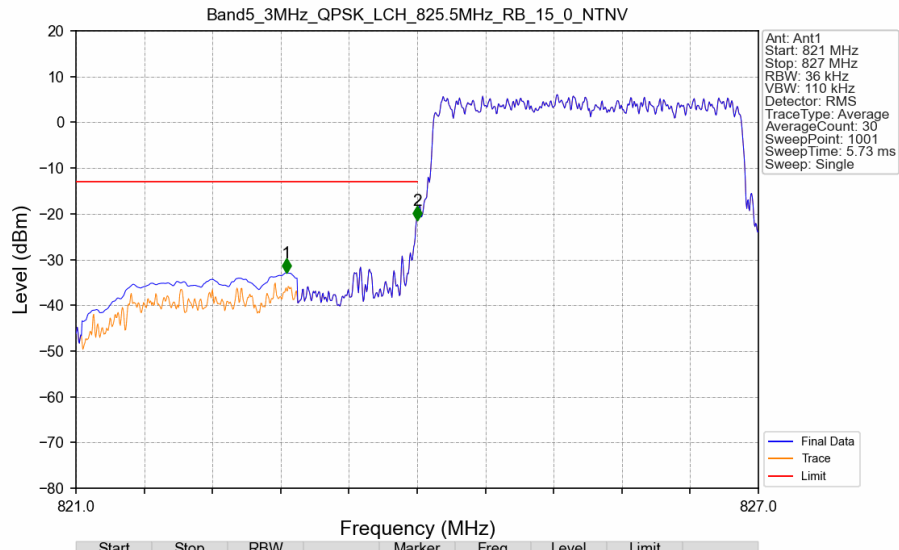
13.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV						
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

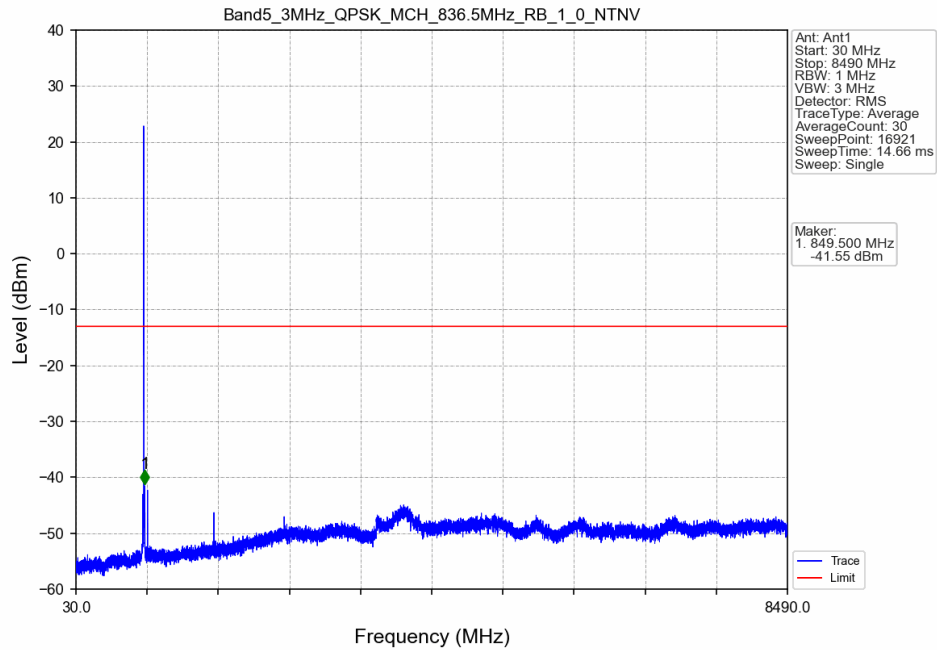
13.2.2 Test Graph



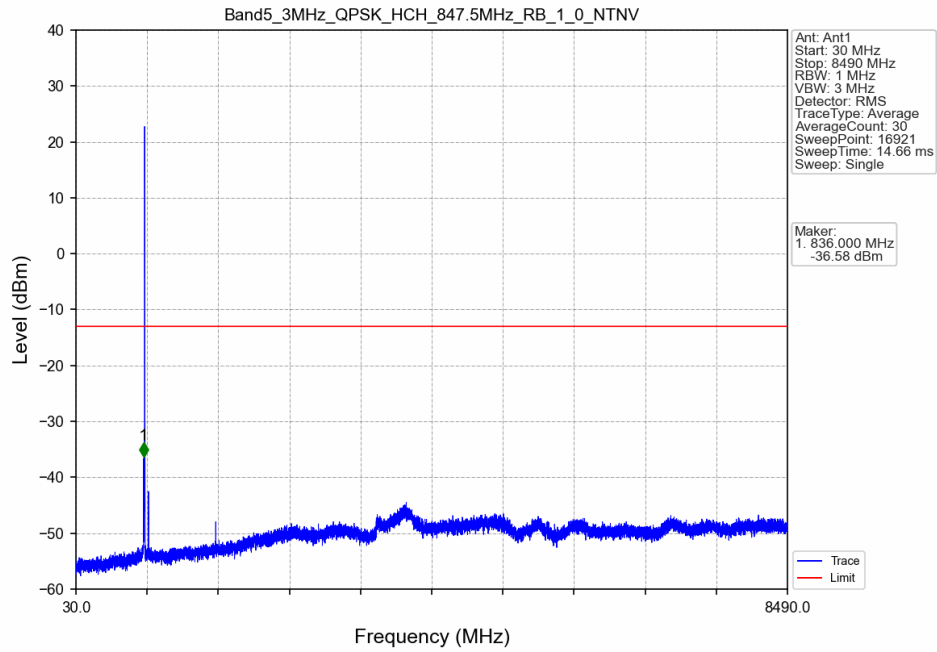
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



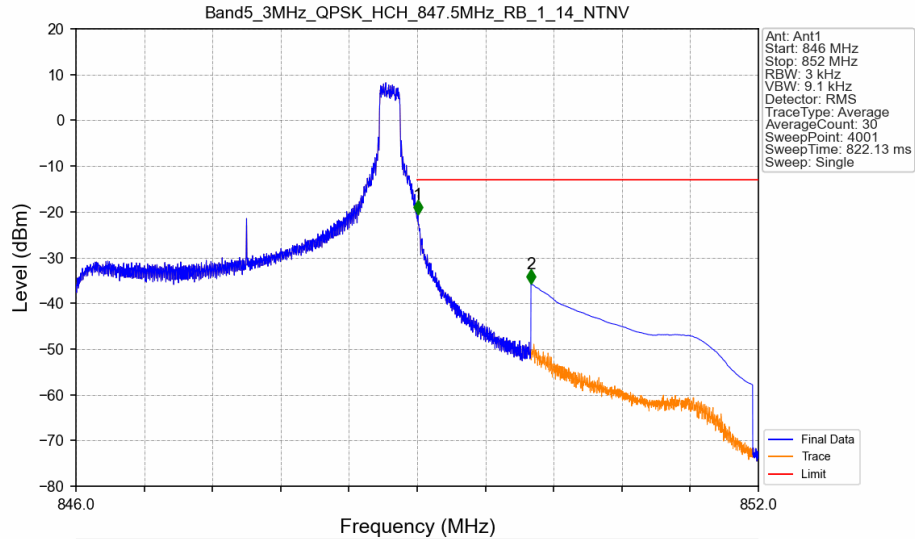
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

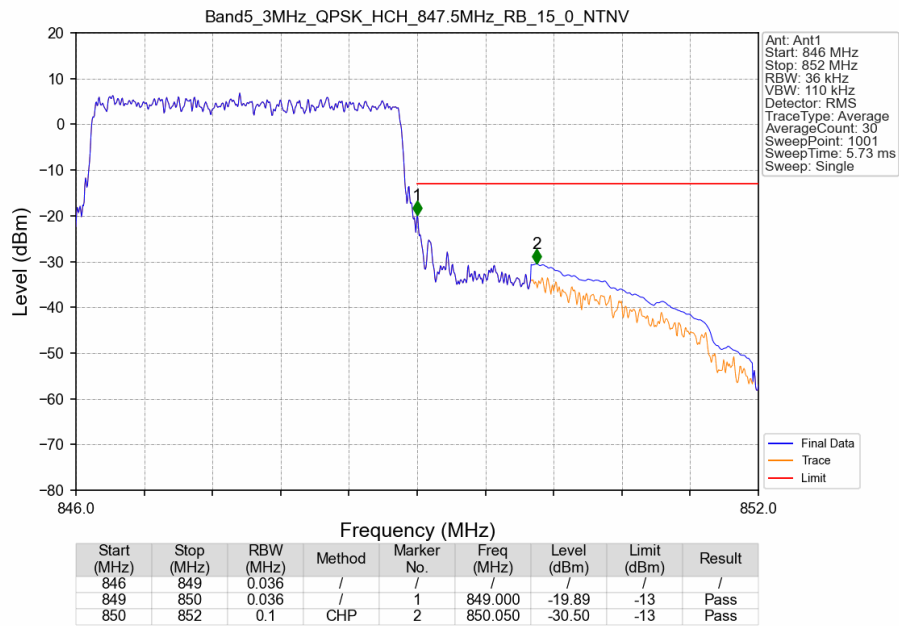


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV

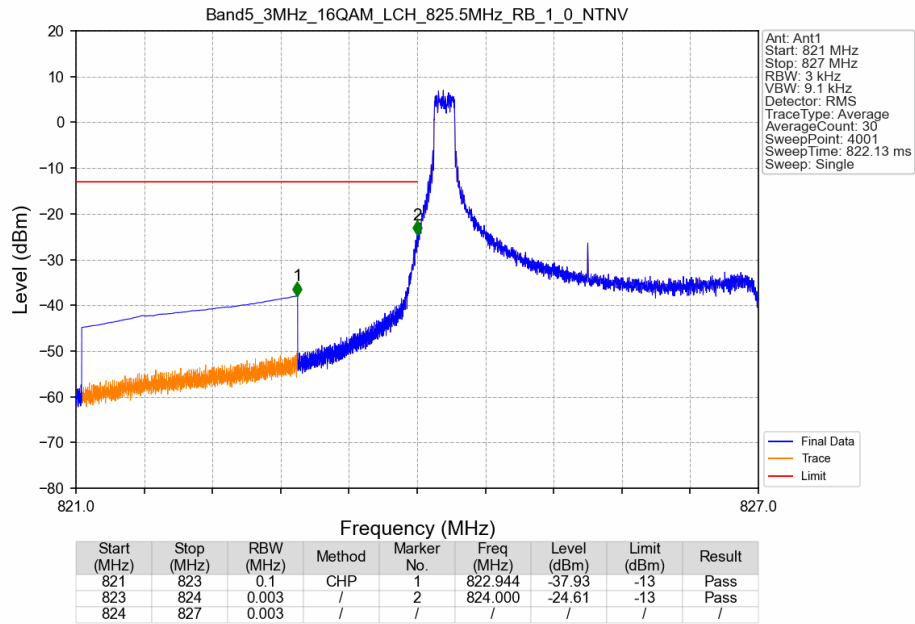


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	1	849.006	-20.62	-13	Pass
849	850	0.003	/	1	849.006	-20.62	-13	Pass
850	852	0.1	CHP	2	850.000	-35.76	-13	Pass

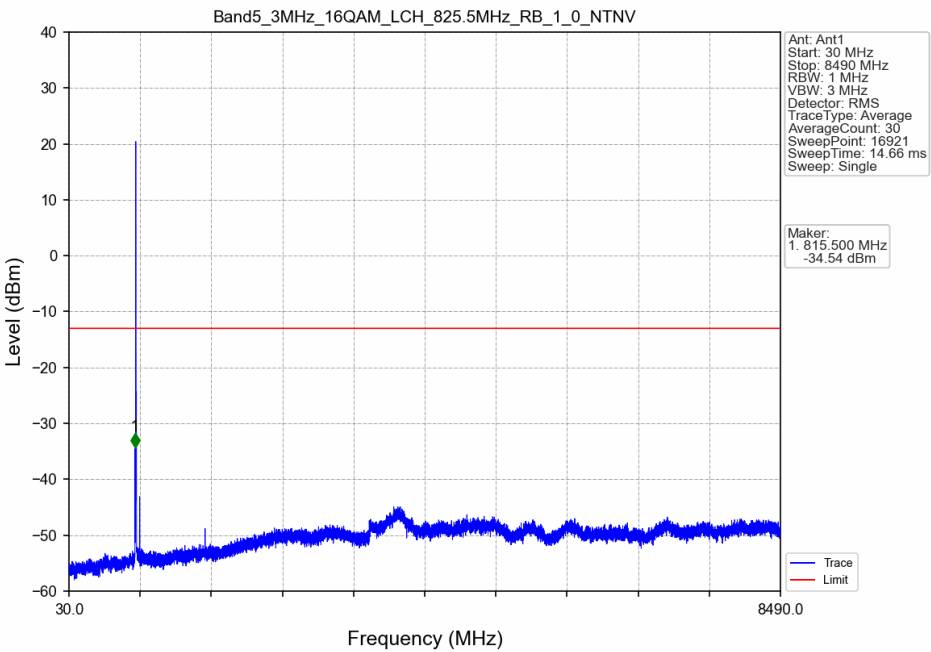
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



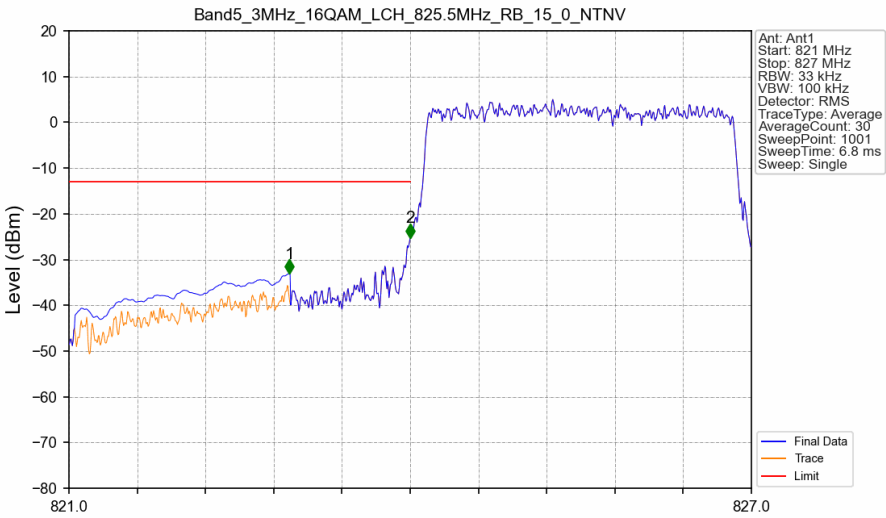
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

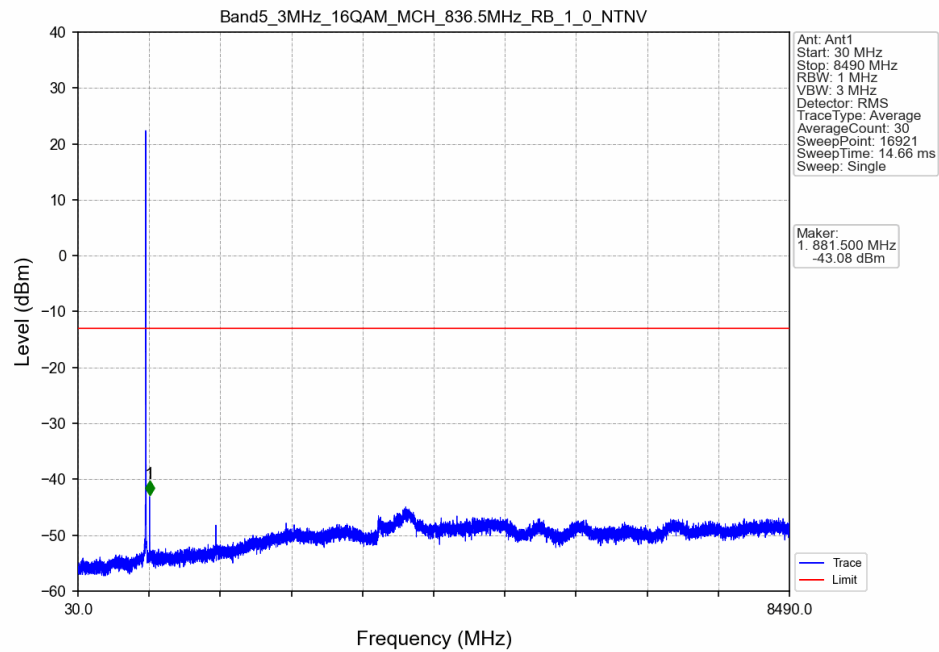


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

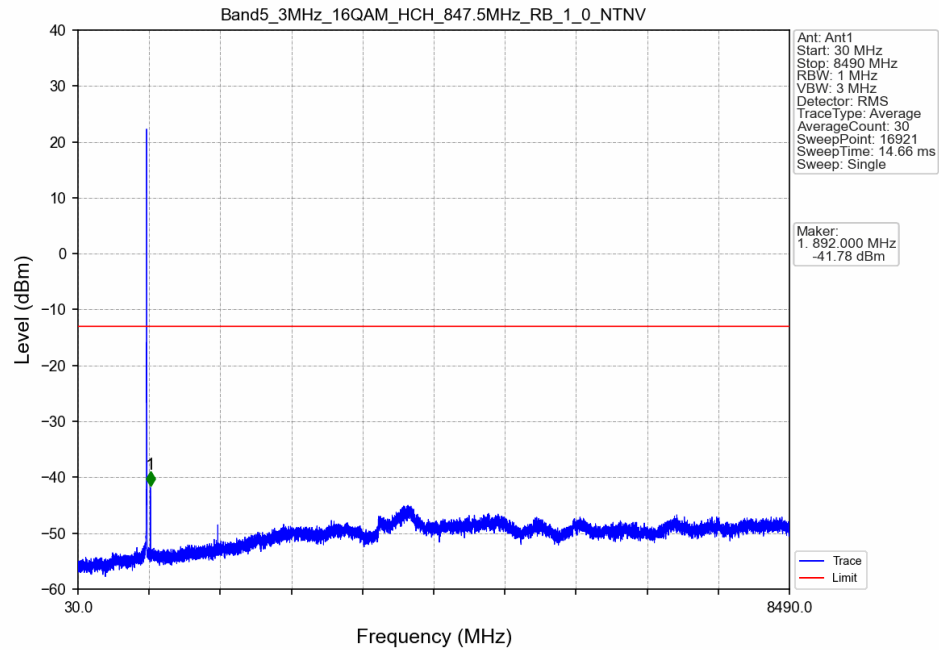


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.938	-33.08	-13	Pass
823	824	0.033	/	2	824.000	-25.25	-13	Pass
824	827	0.033	/	/	/	/	/	/

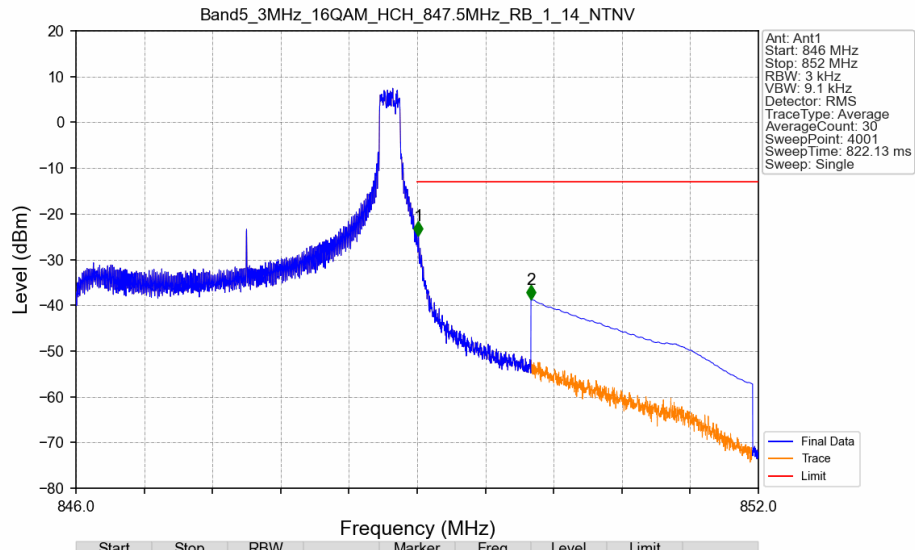
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



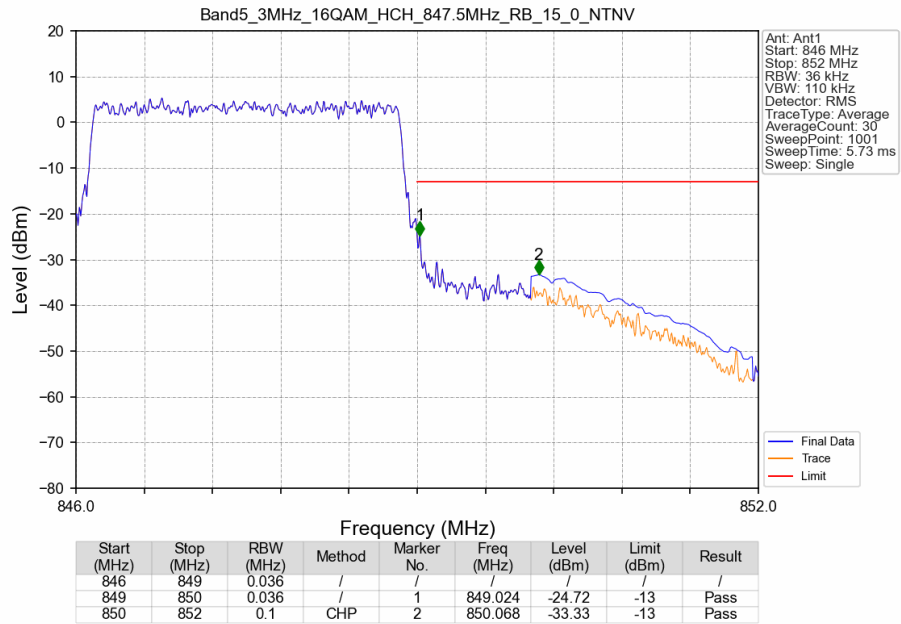
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



Band5 3MHz 16QAM HCH 847.5MHz RB 1 14 NTV



Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTV

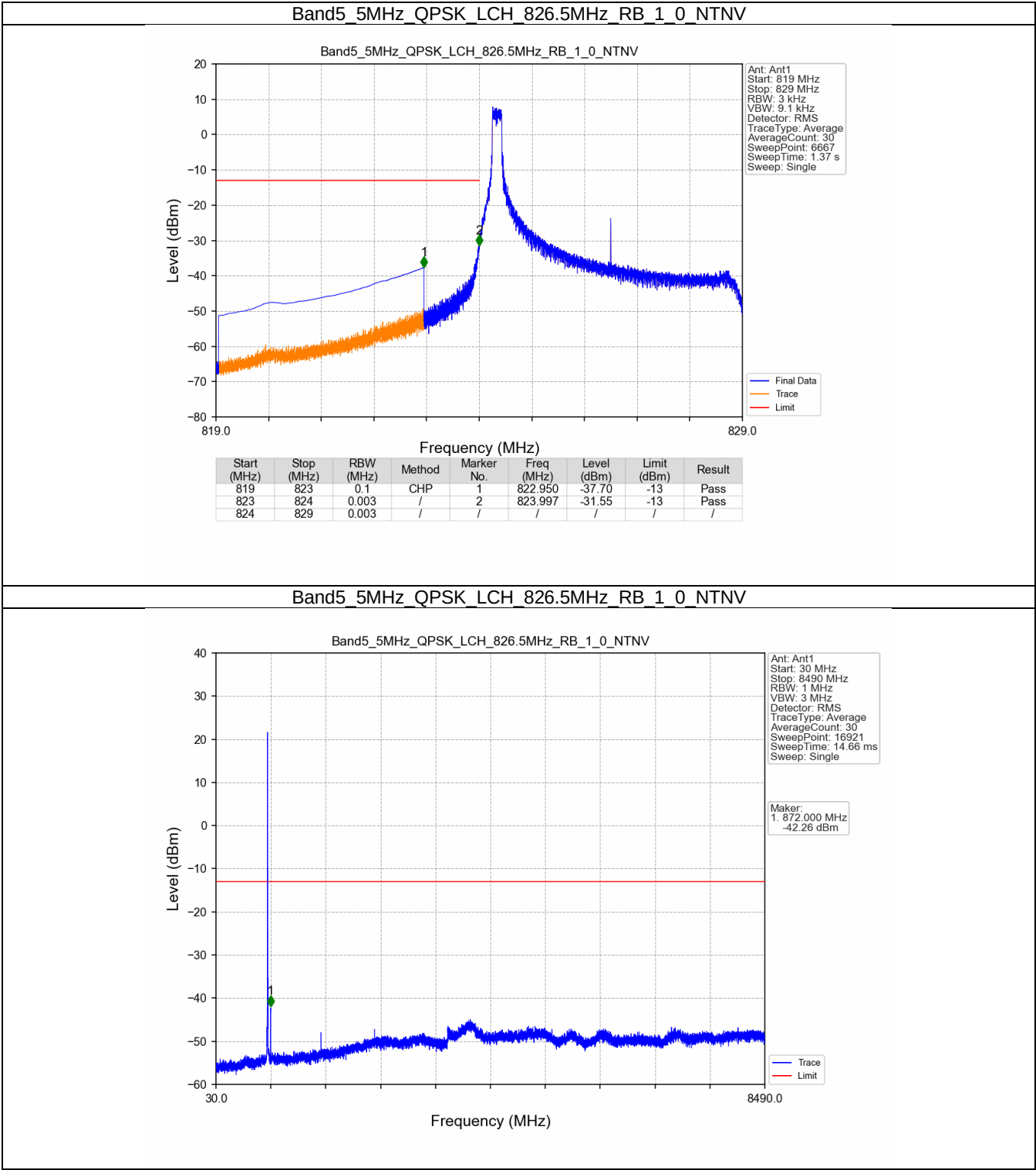


13.3 B5_5MHz

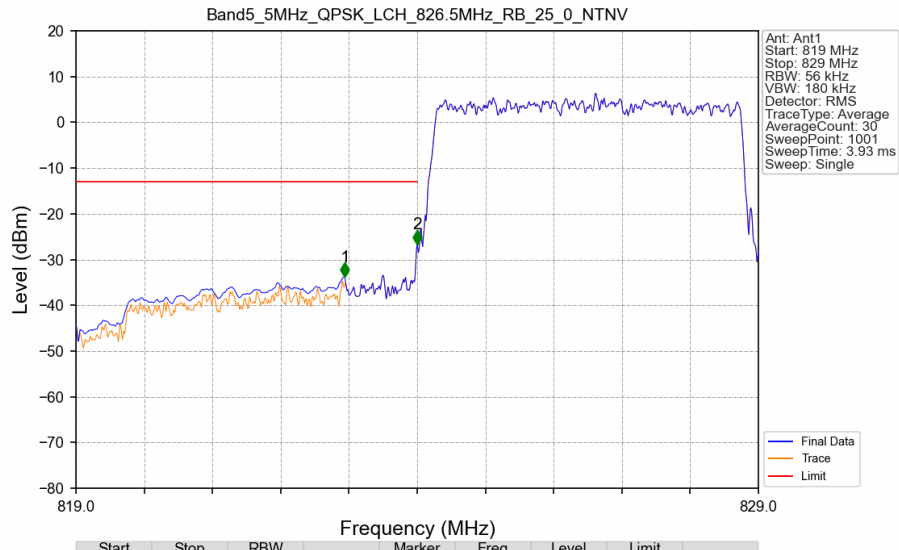
13.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV						
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

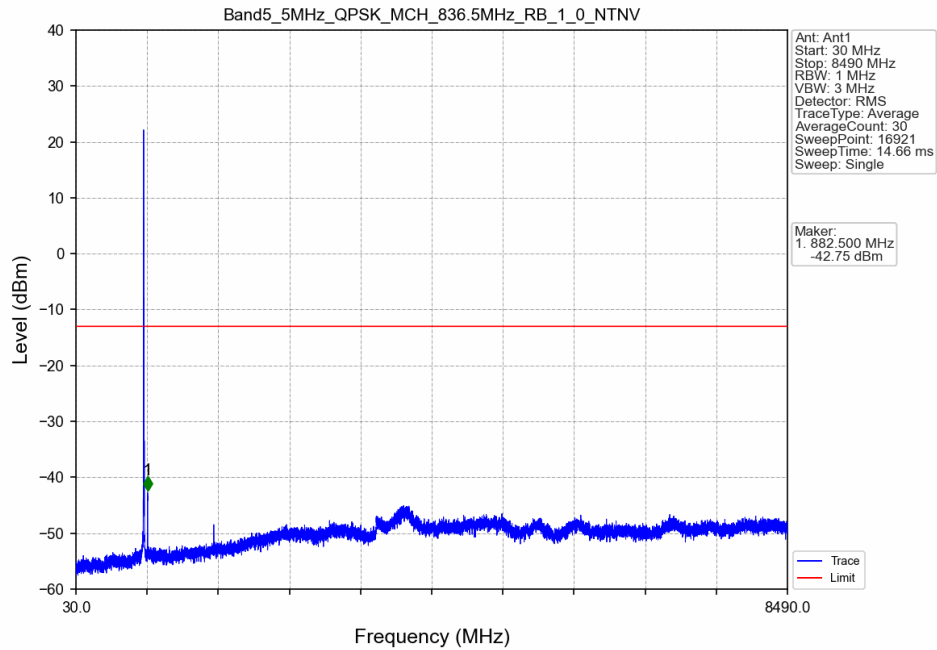
13.3.2 Test Graph



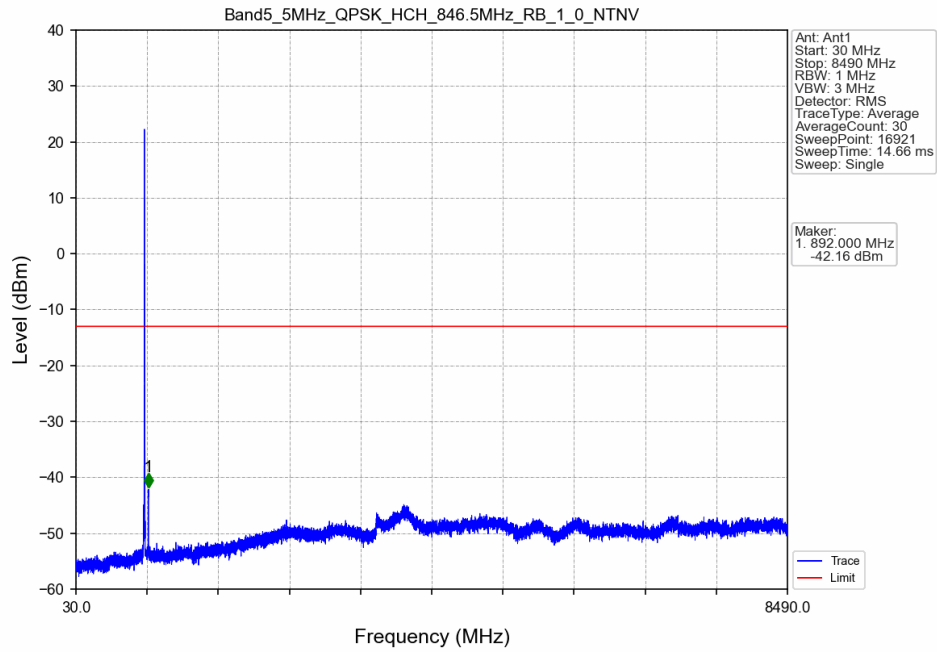
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



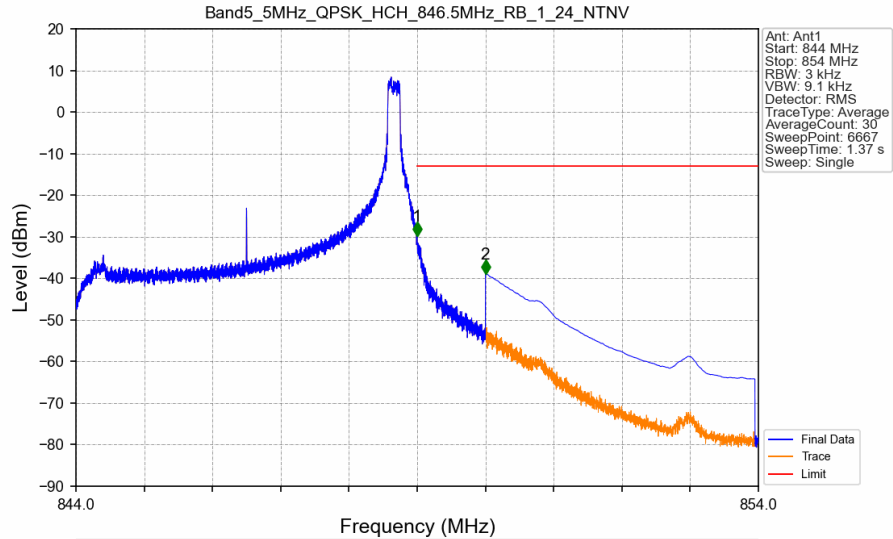
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5 5MHz QPSK HCH 846.5MHz RB 1 0 NTNV

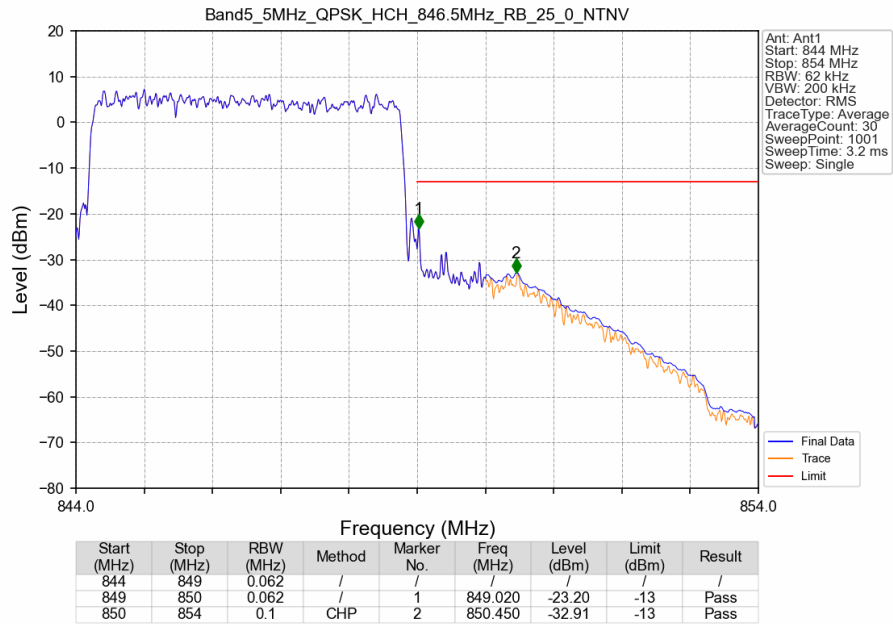


Band5 5MHz QPSK HCH 846.5MHz RB 1 24 NTNV

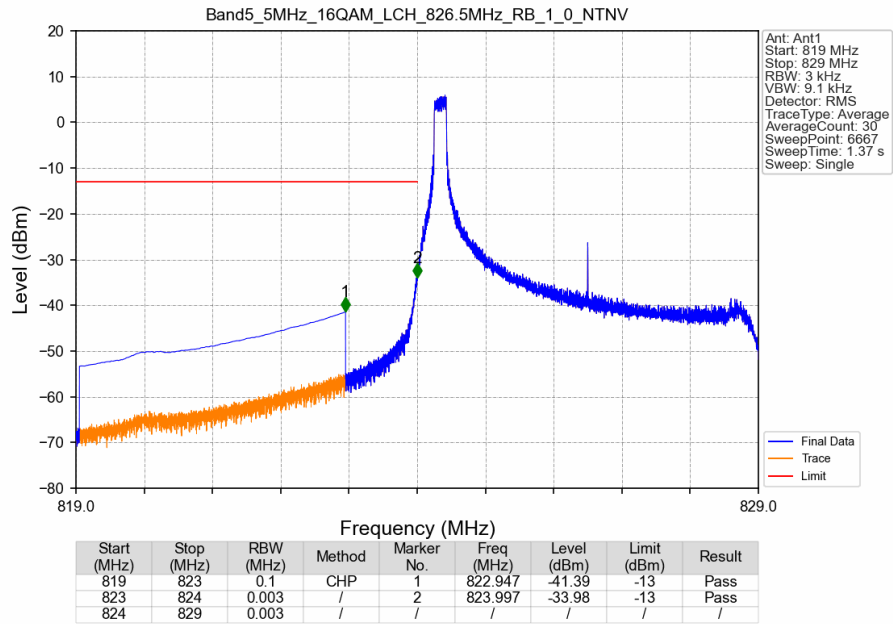


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	1	849.000	-29.89	-13	Pass
849	850	0.003	/	1	849.000	-29.89	-13	Pass
850	854	0.1	CHP	2	850.001	-38.96	-13	Pass

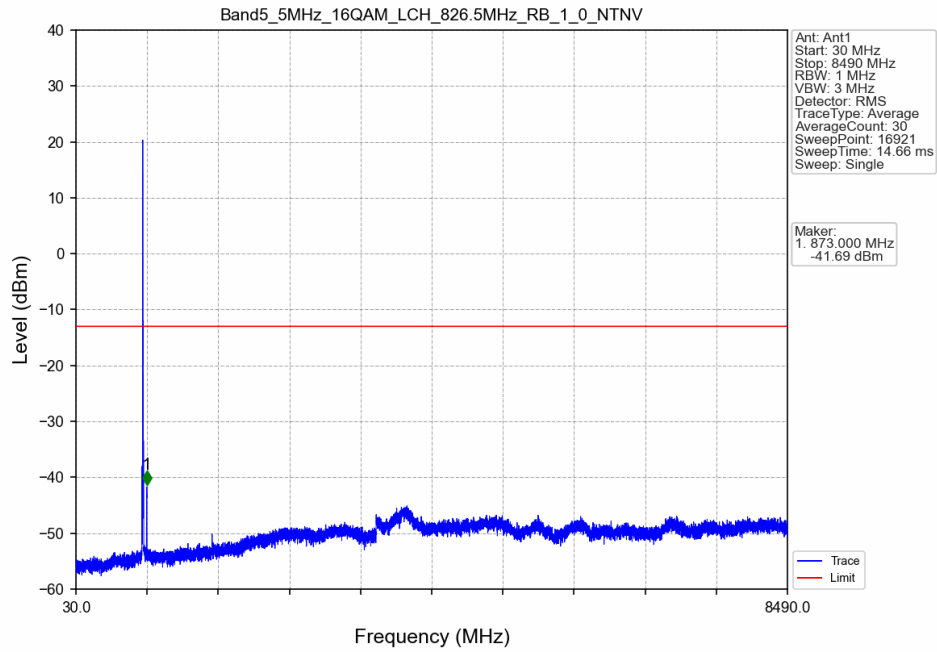
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



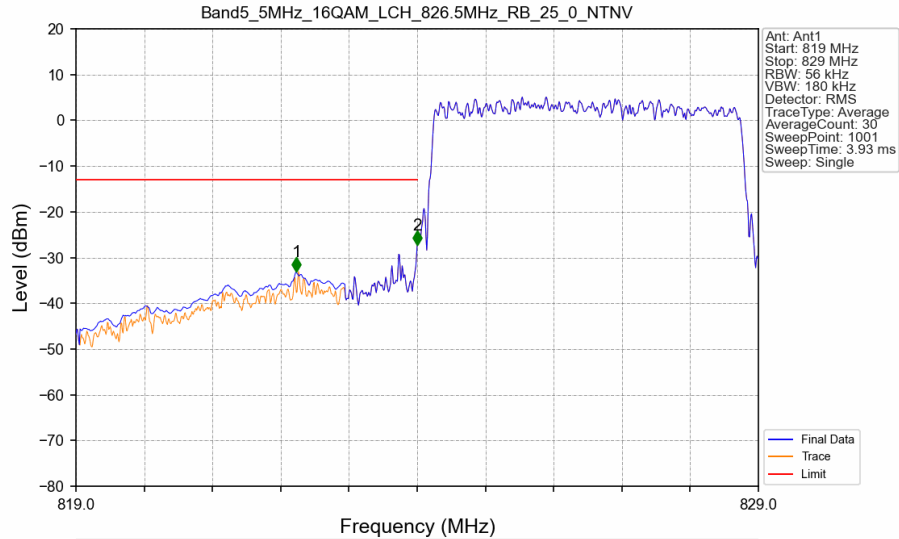
Band5 5MHz 16QAM LCH 826.5MHz RB 1 0 NTN



Band5 5MHz 16QAM LCH 826.5MHz RB 1 0 NTN

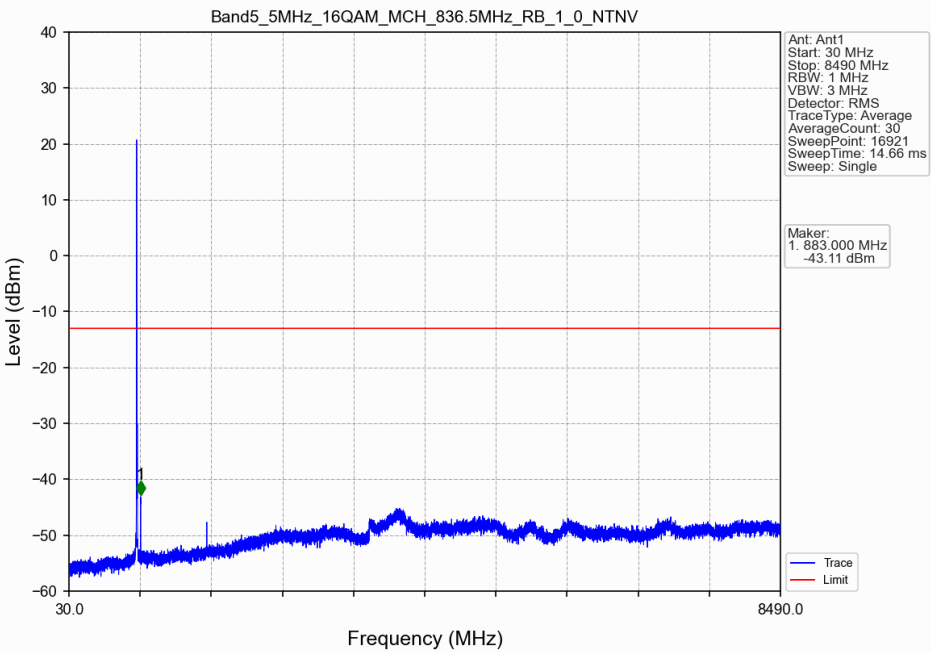


Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN

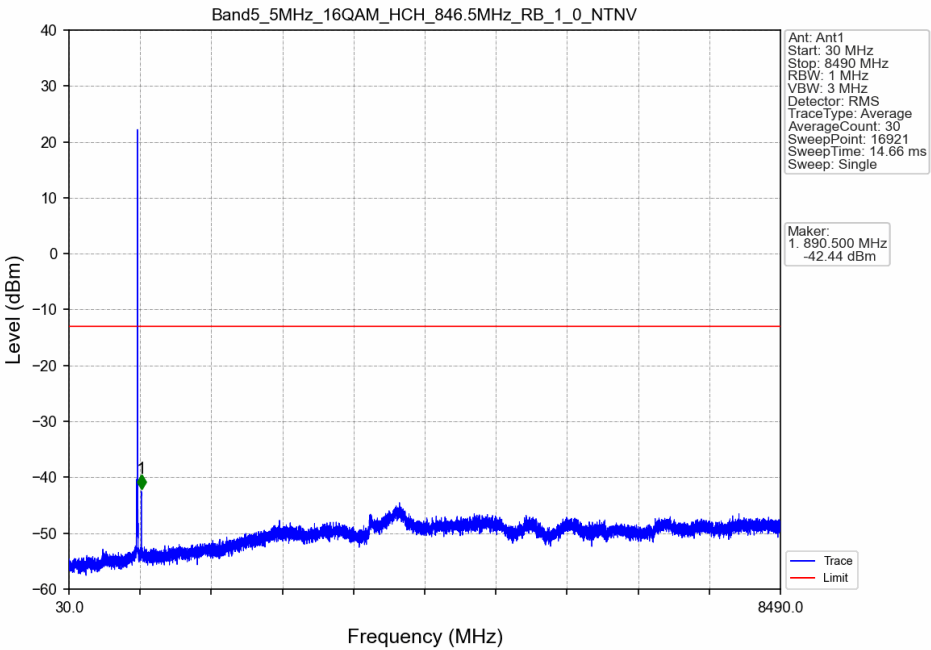


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.230	-33.14	-13	Pass
823	824	0.056	/	2	824.000	-27.29	-13	Pass
824	829	0.056	/	/	/	/	/	/

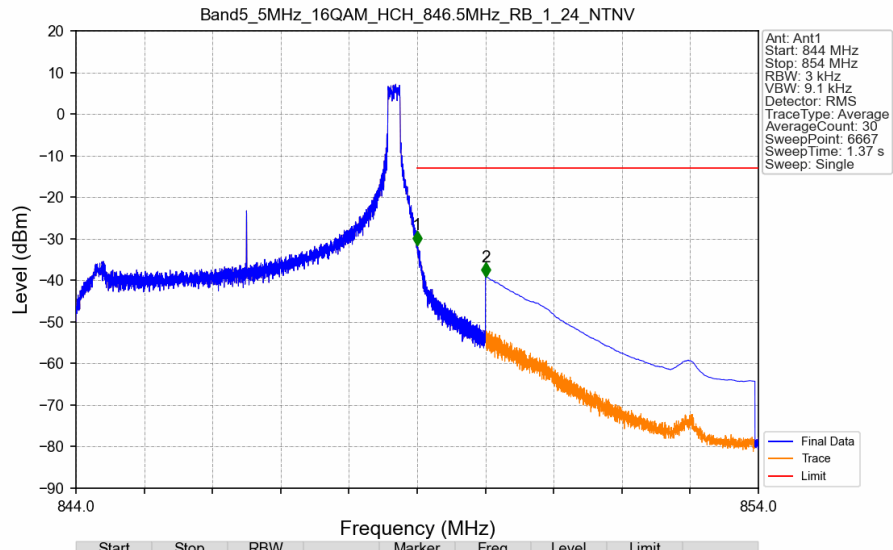
Band5 5MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



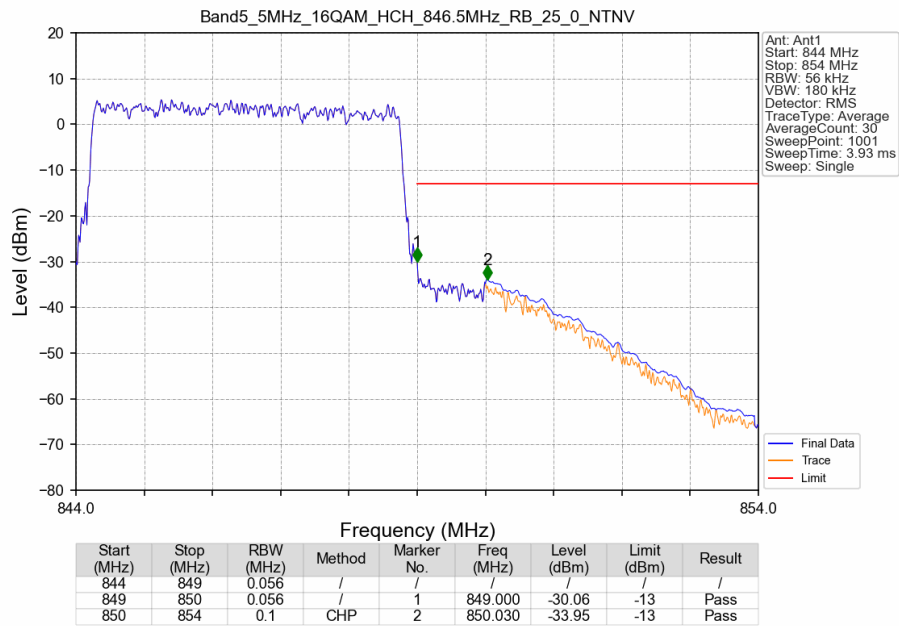
Band5 5MHz 16QAM HCH 846.5MHz RB 1 0 NTNV



Band5 5MHz 16QAM HCH 846.5MHz RB 1 24 NTNV



Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV

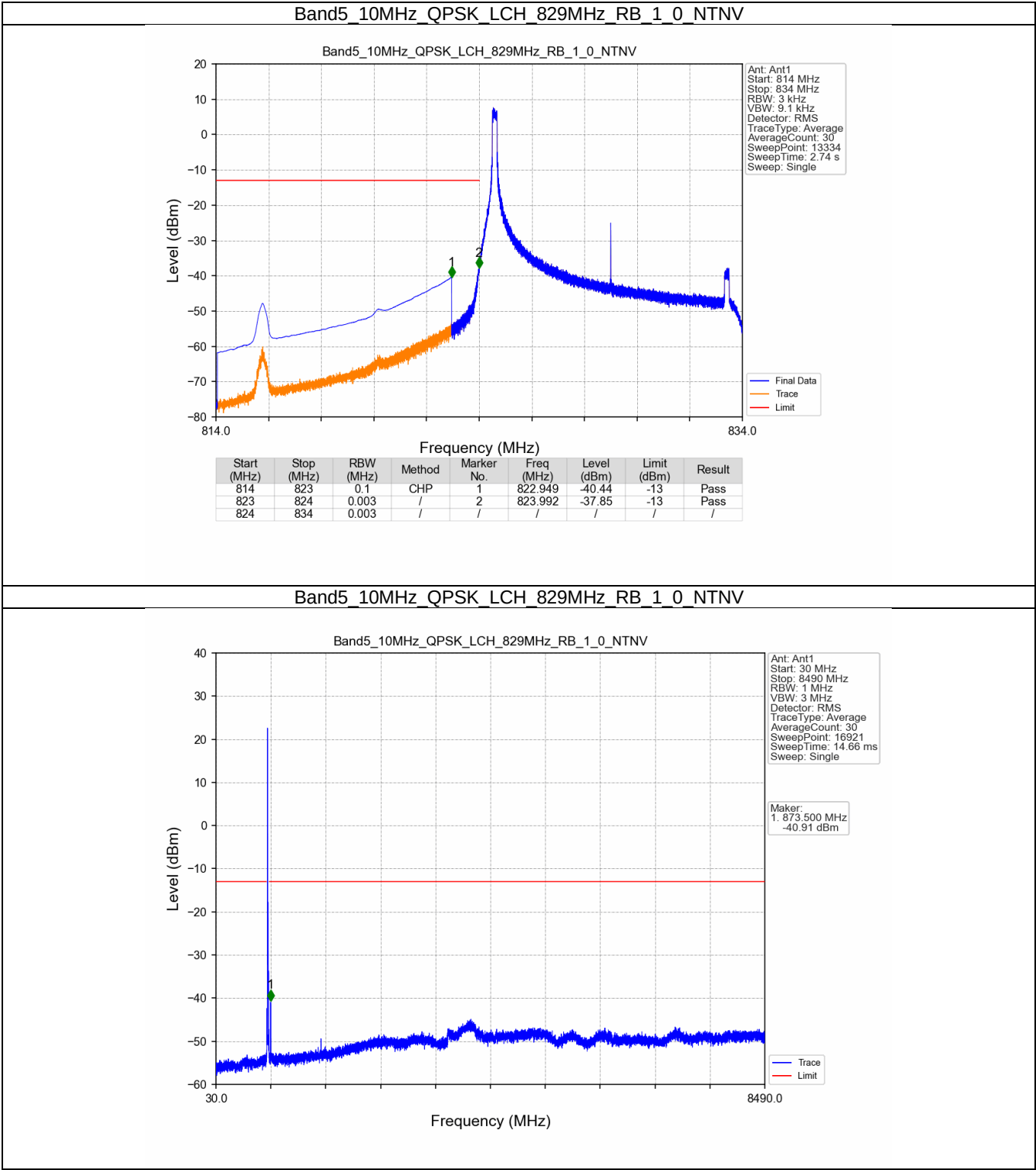


13.4 B5_10MHz

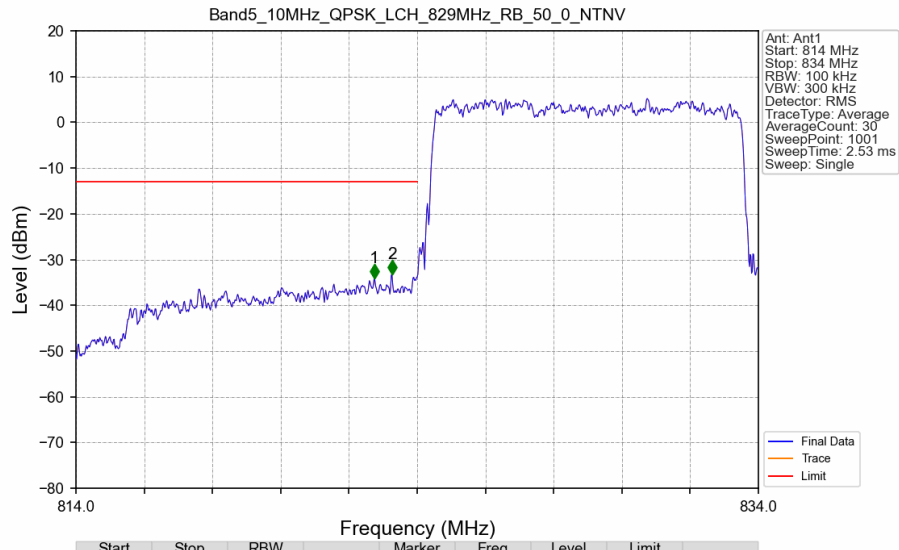
13.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTVN						
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

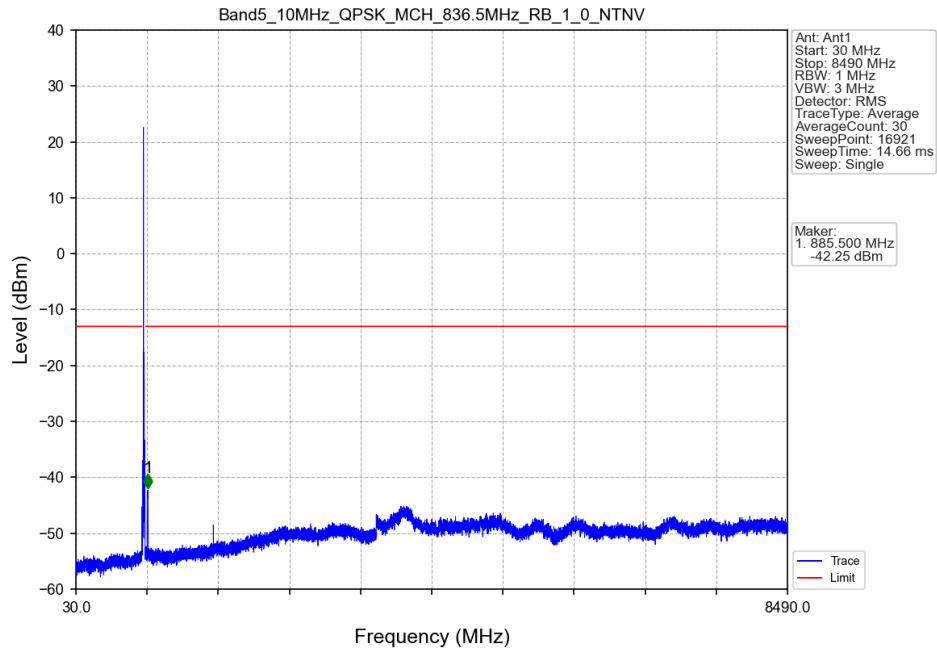
13.4.2 Test Graph



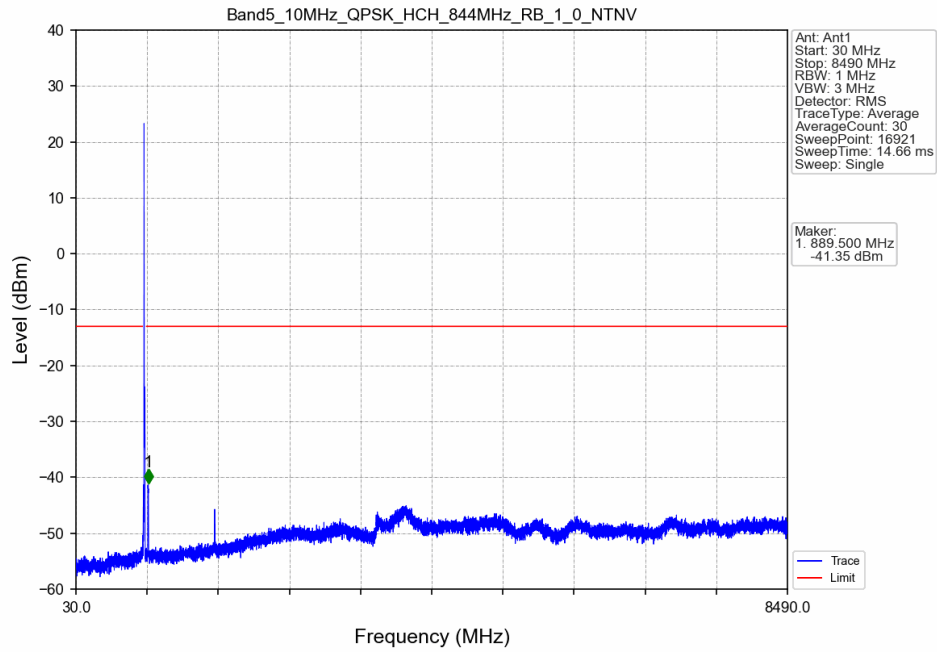
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



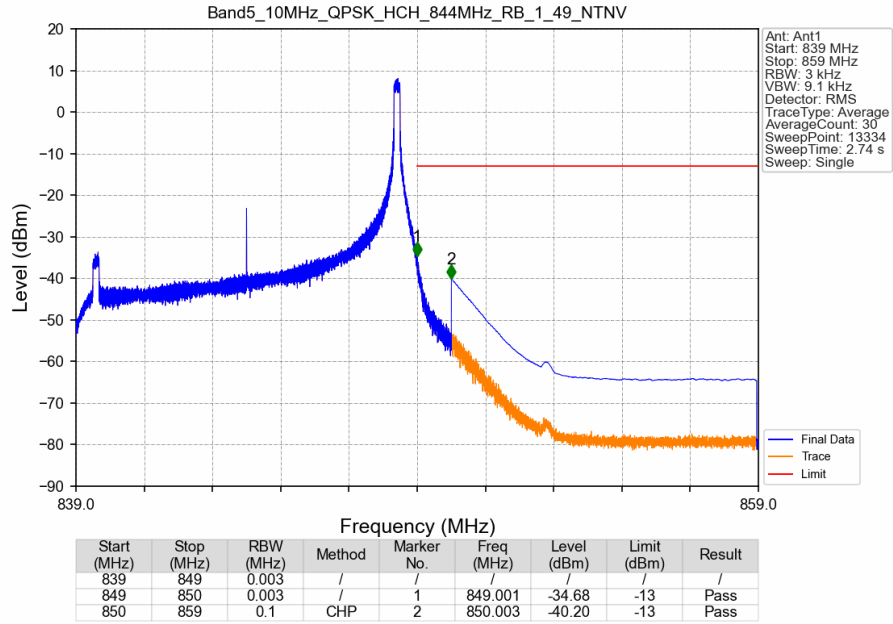
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



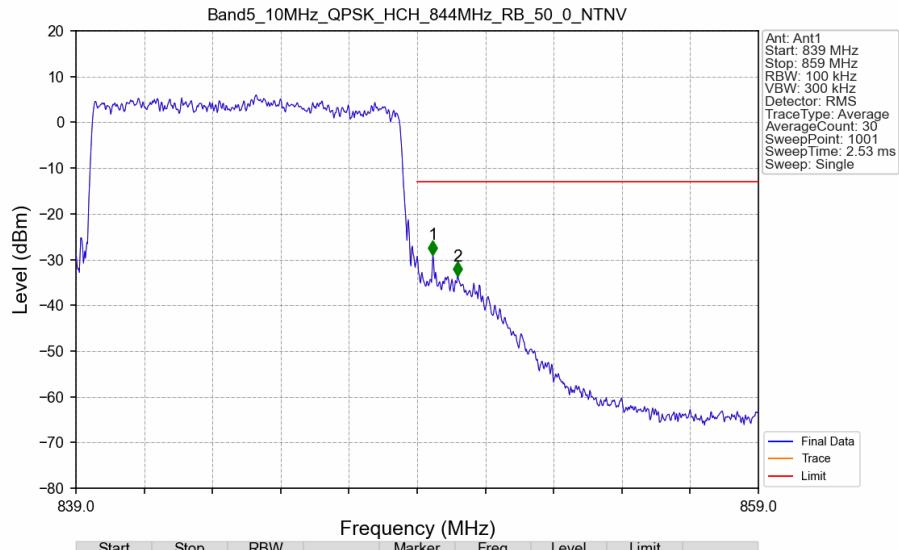
Band5 10MHz QPSK HCH 844MHz RB 1 0 NTNV



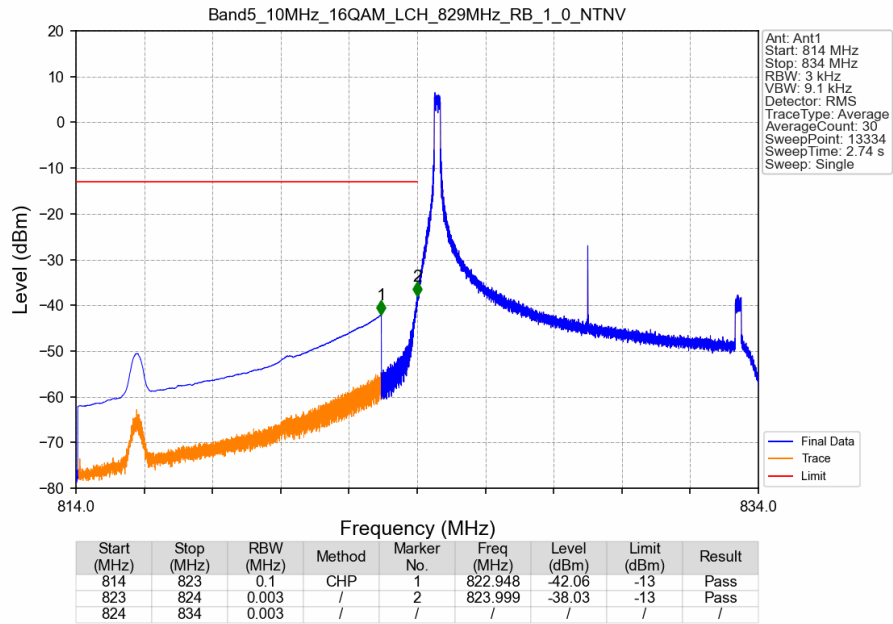
Band5_10MHz QPSK HCH 844MHz RB 1 49 NTNV



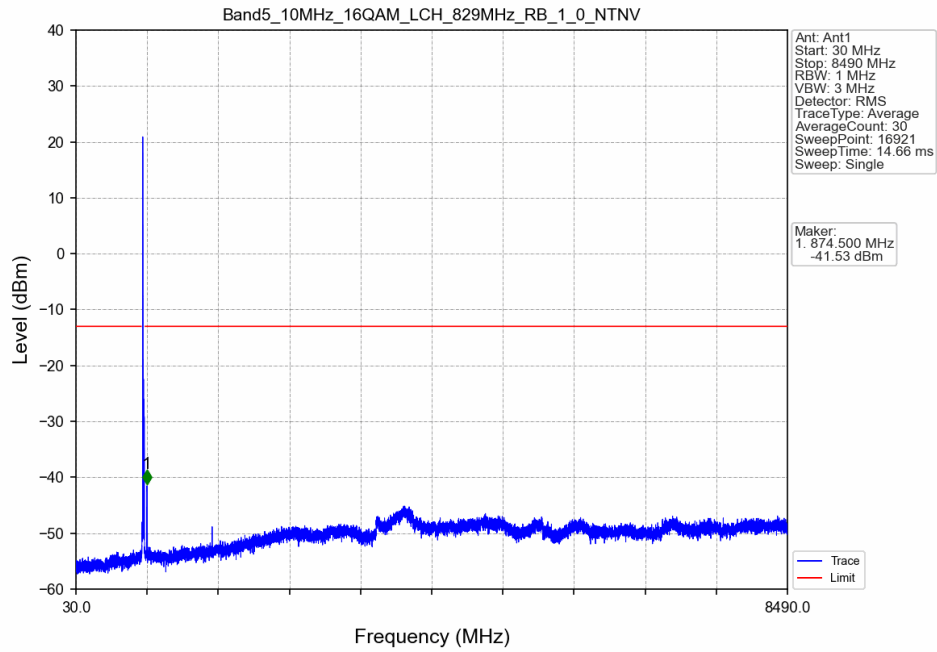
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



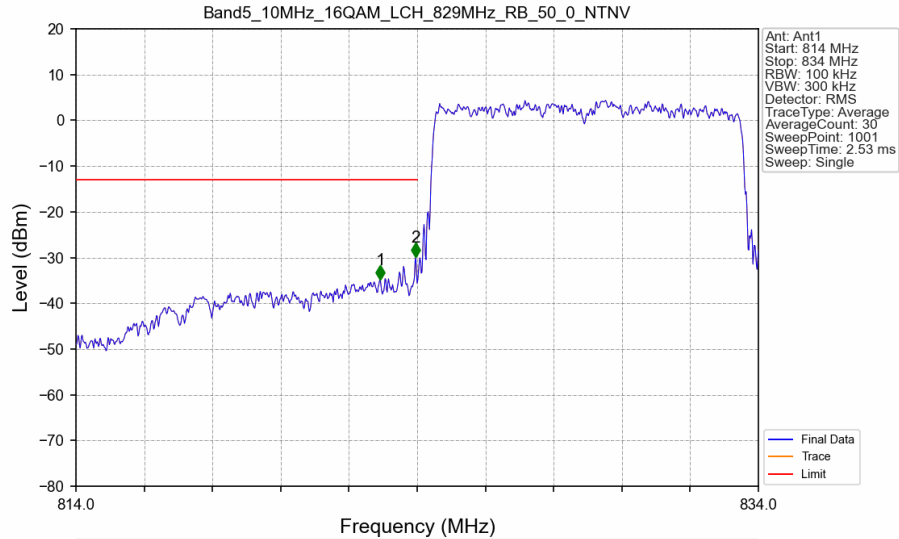
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

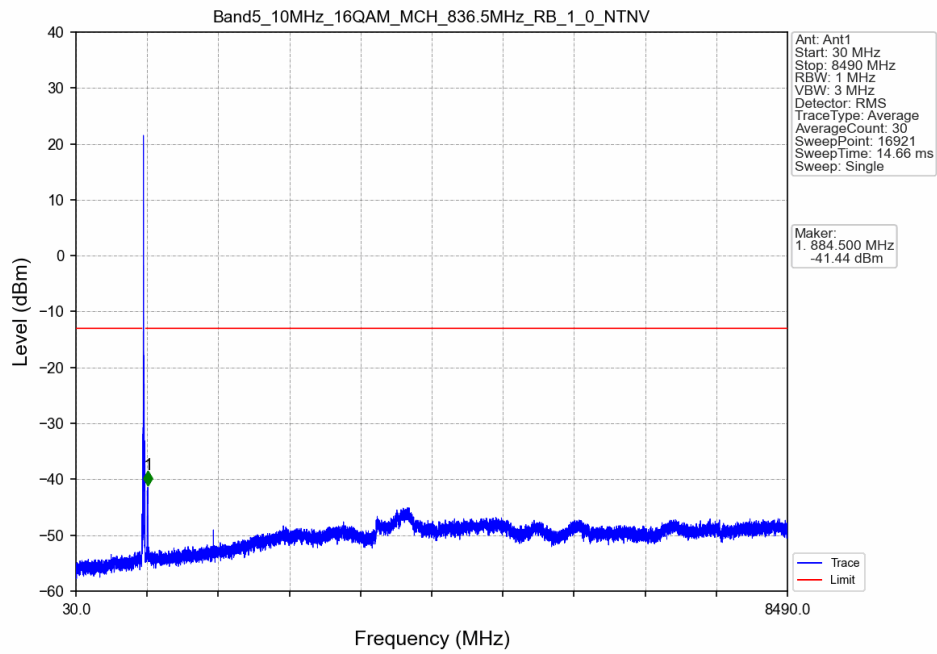


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

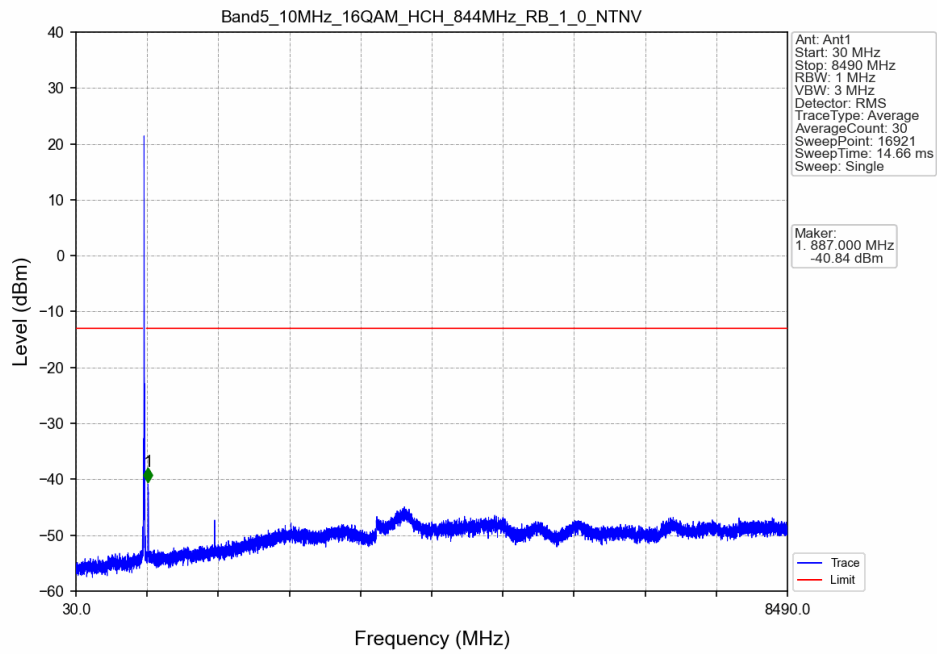


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.920	-34.83	-13	Pass
823	824	0.102	/	2	823.960	-29.95	-13	Pass
824	834	0.102	/	/	/	/	/	/

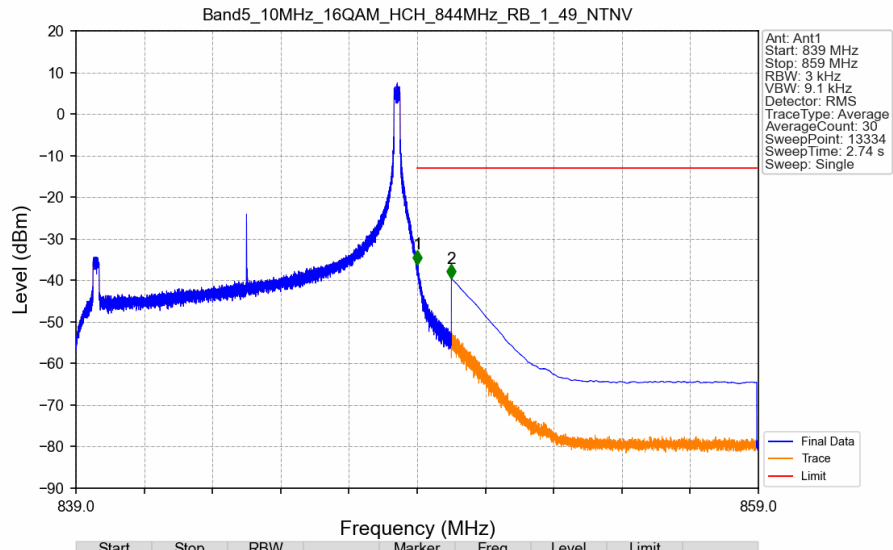
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



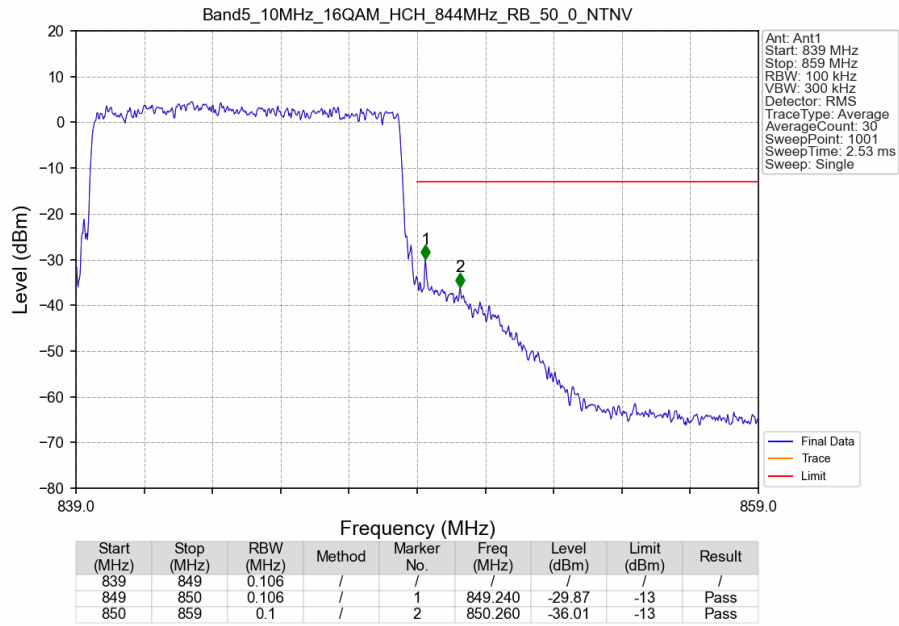
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



Band5 10MHz 16QAM HCH 844MHz RB 1 49 NTV



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTV



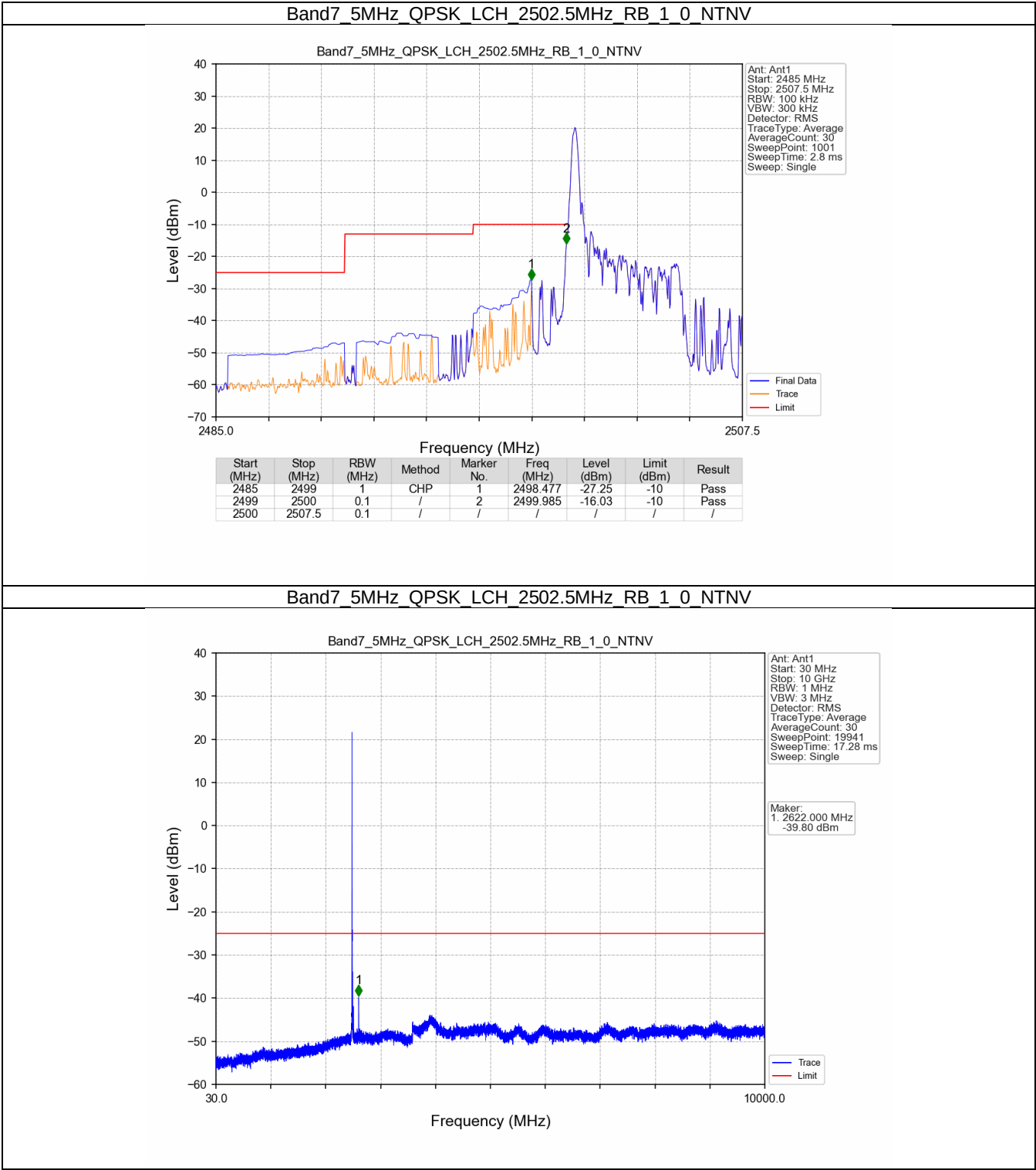
14. Spurious Emission

14.1 B7_5MHz

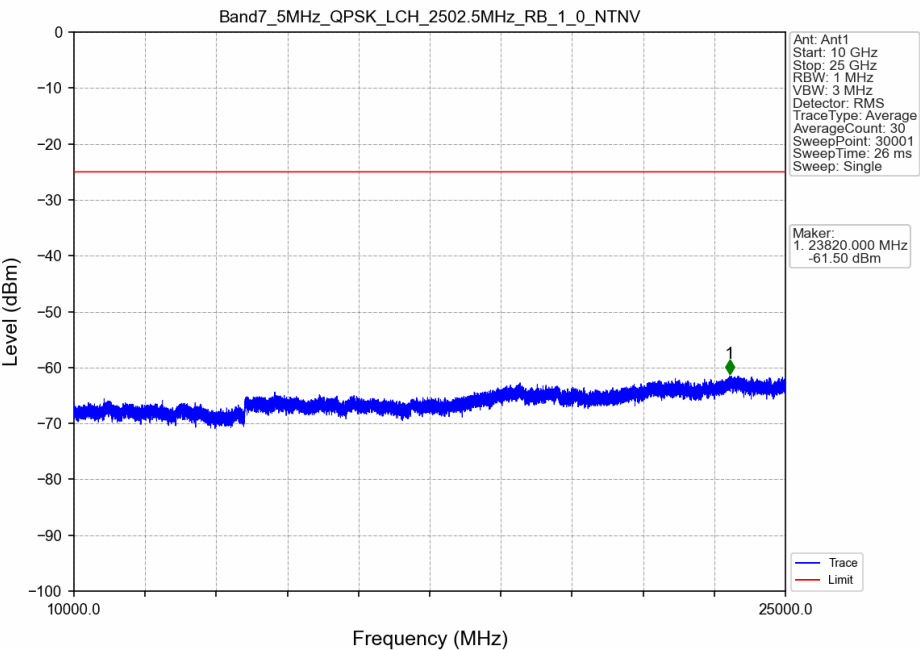
14.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
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

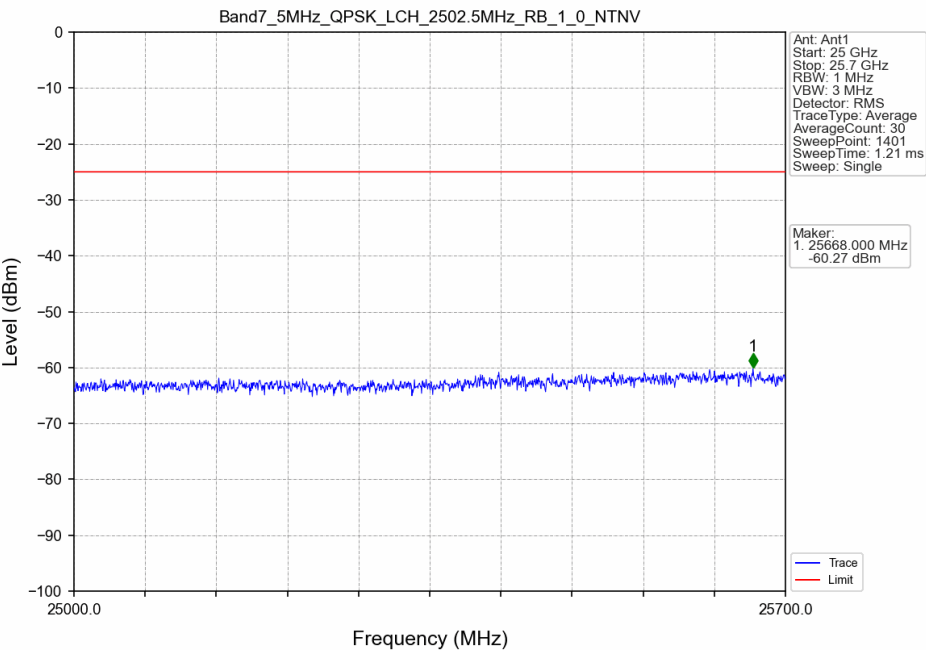
14.1.2 Test Graph



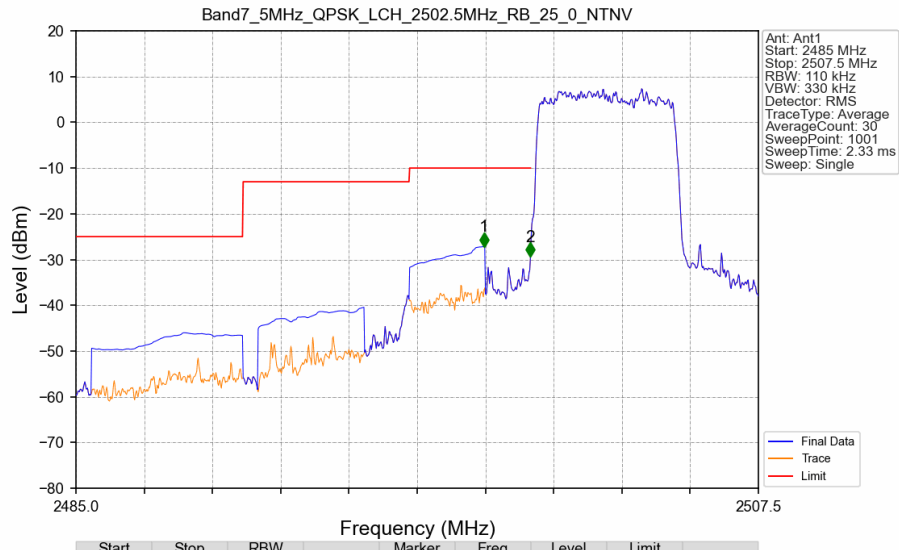
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



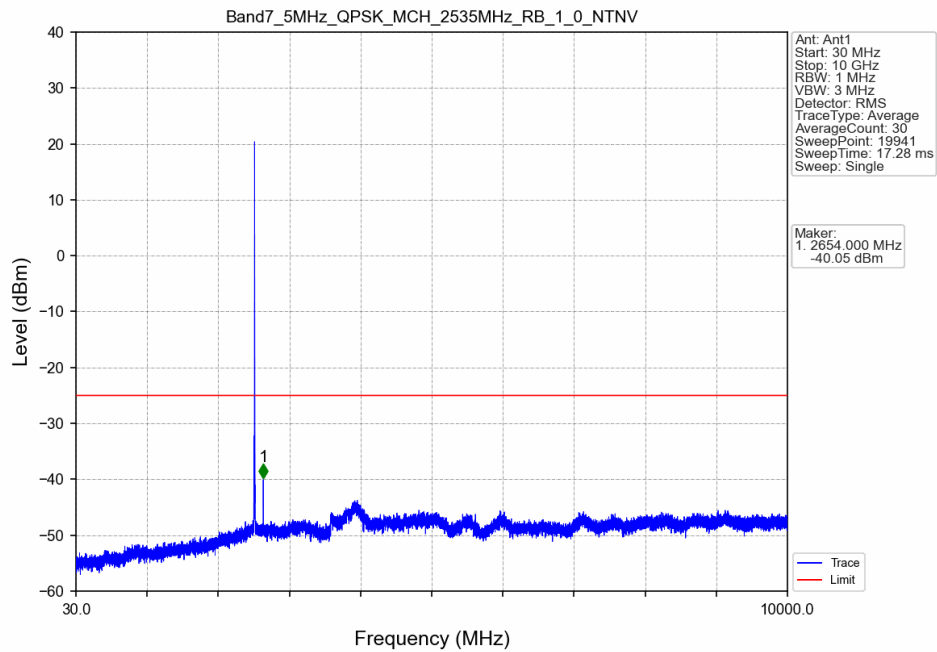
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



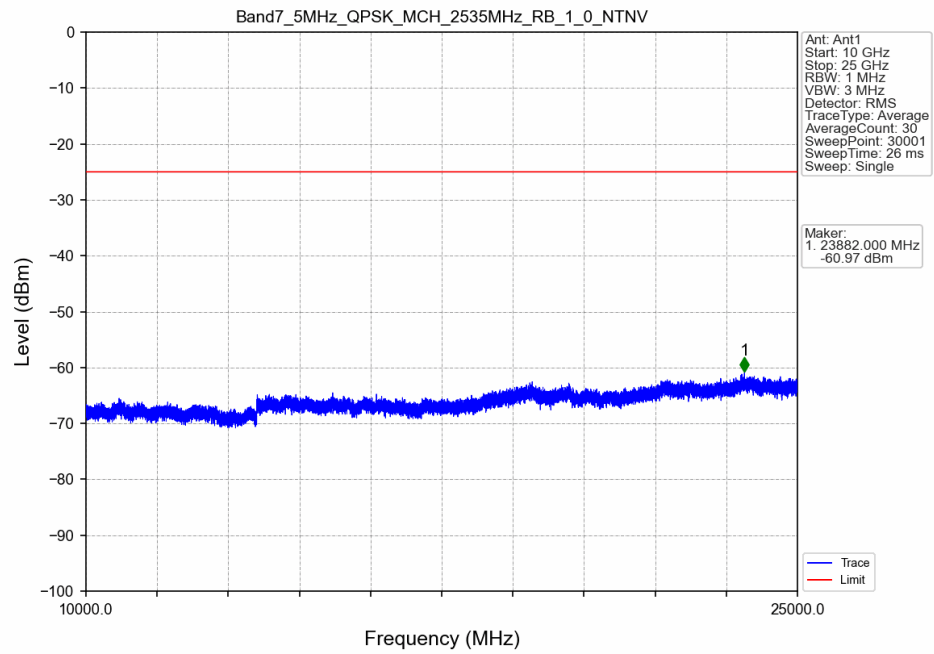
Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTN



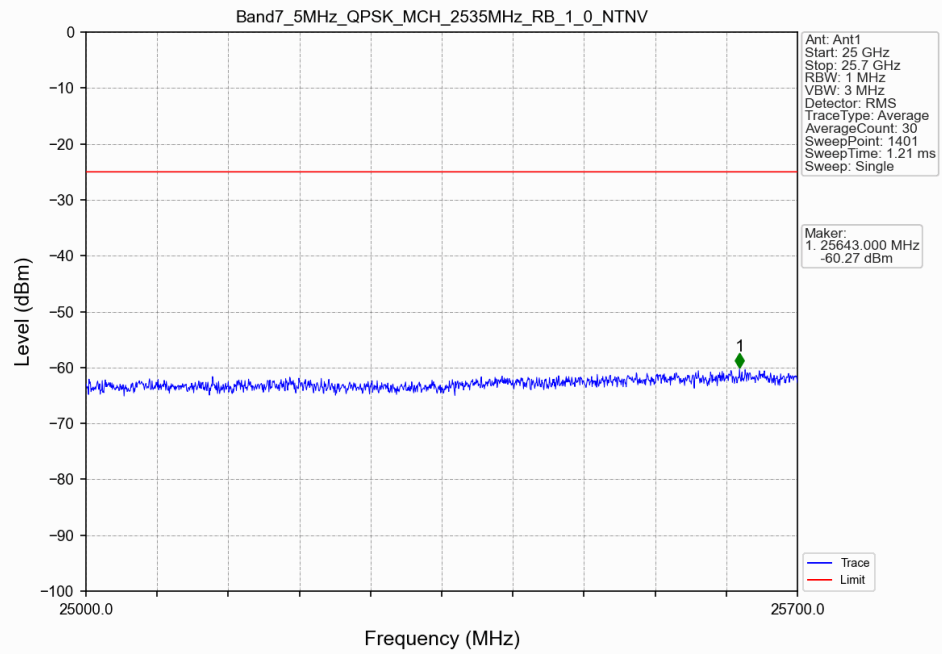
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0 NTN



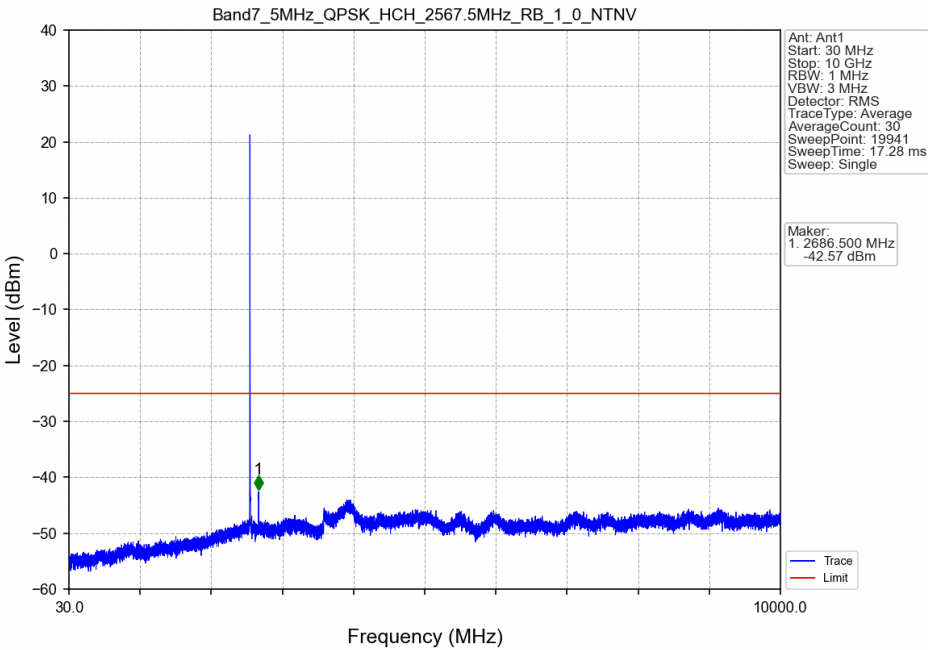
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTN



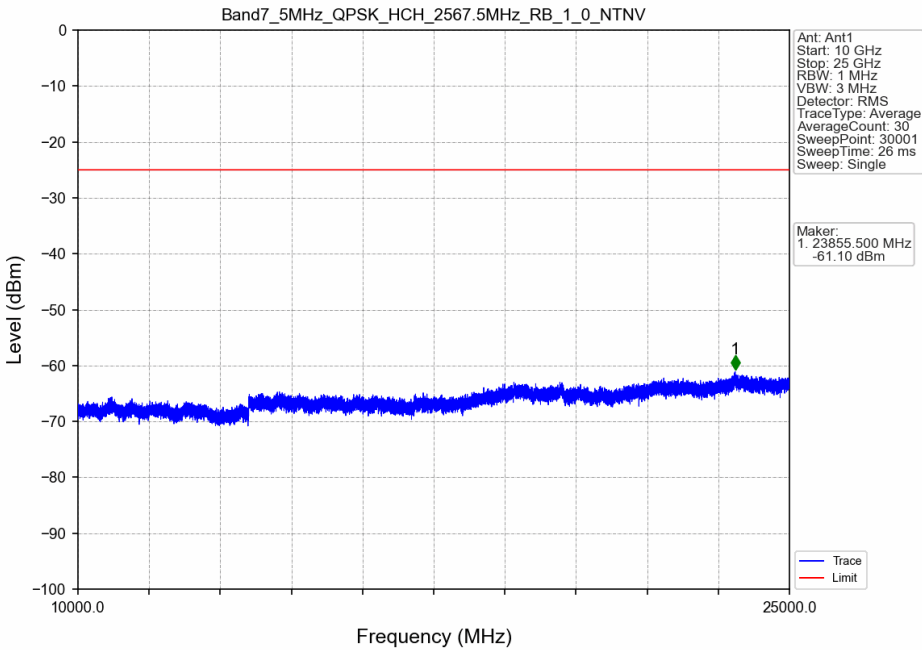
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTN



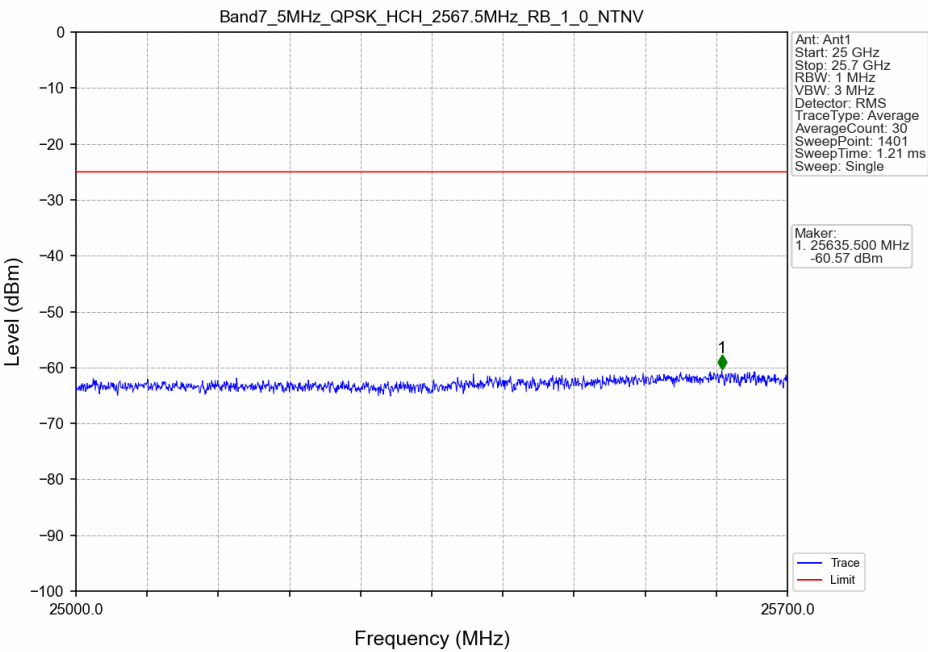
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



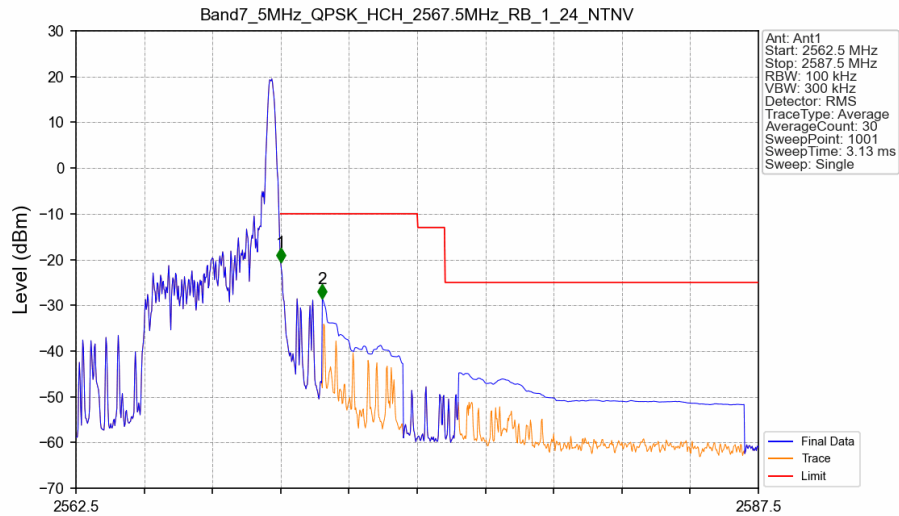
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN

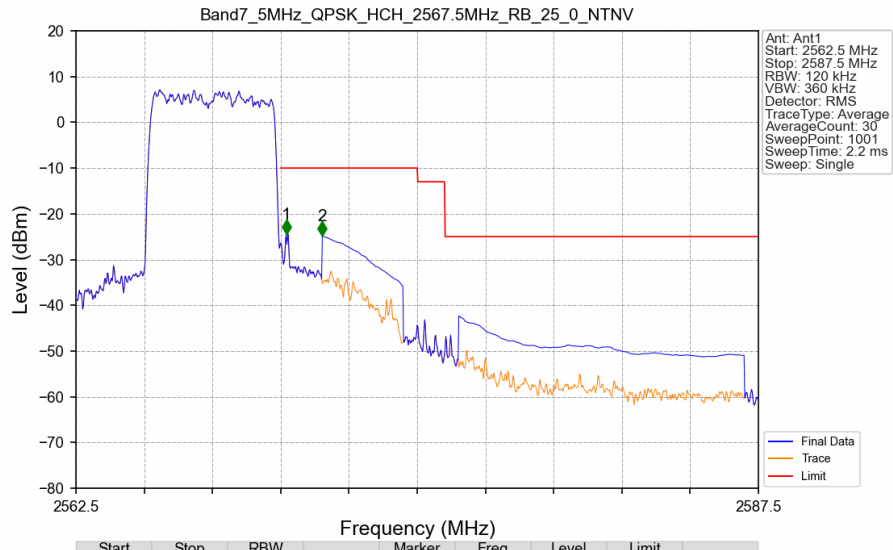


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24 NTN

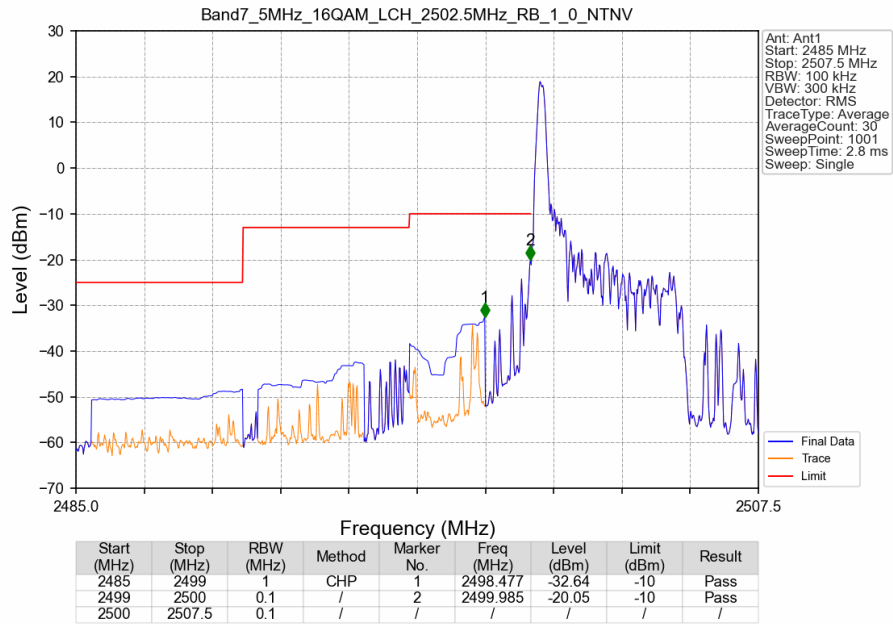


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.1	/	1	2570.000	-20.69	-10	Pass
2570	2571	0.1	/	1	2570.000	-20.69	-10	Pass
2571	2587.5	1	CHP	2	2571.525	-28.59	-10	Pass

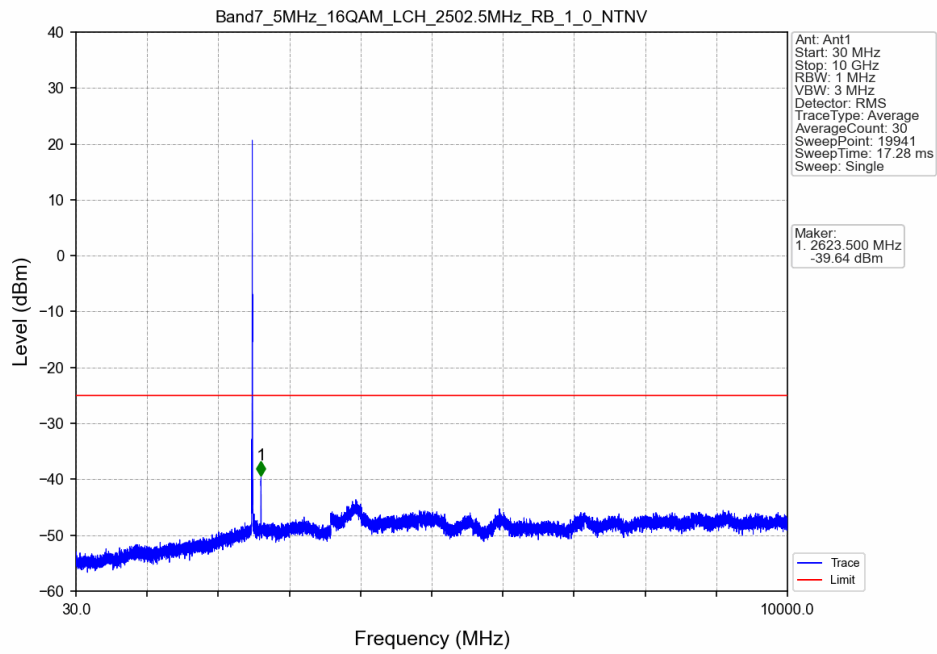
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTV



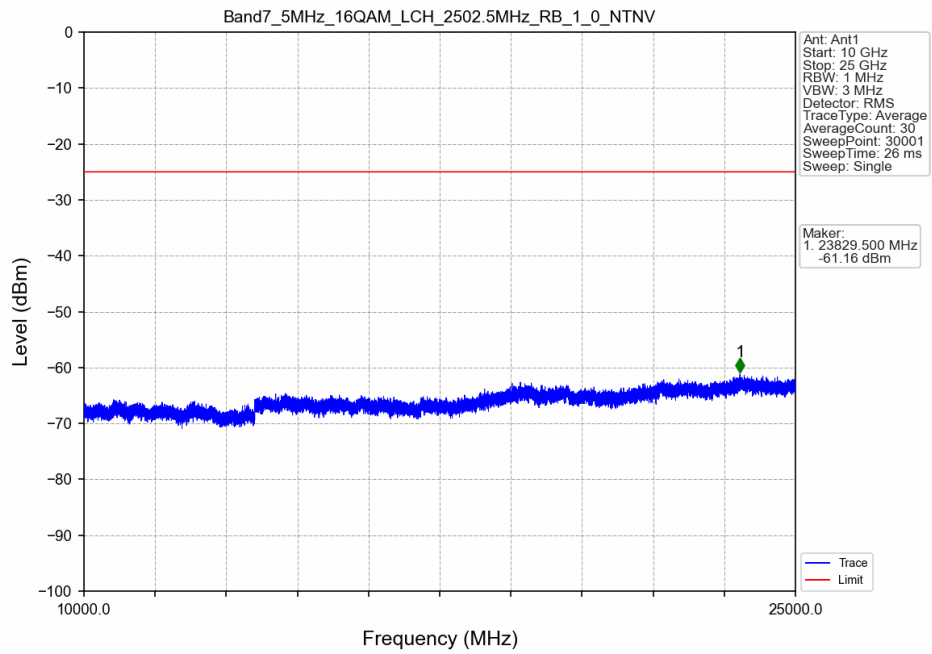
Band7 5MHz 16QAM LCH 2502.5MHz RB 1 0 NTV



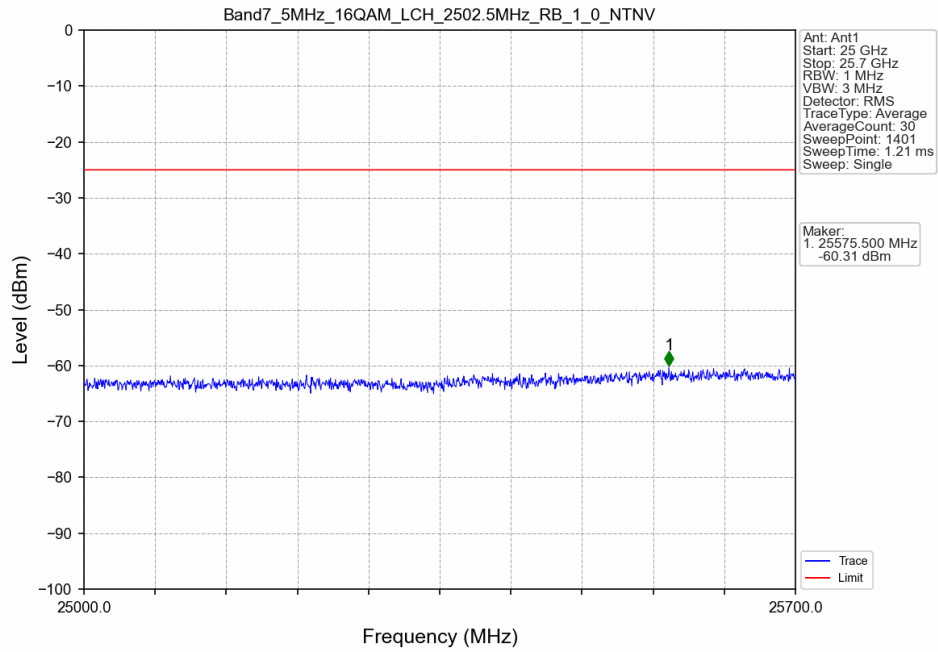
Band7 5MHz 16QAM LCH 2502.5MHz RB 1 0 NTV



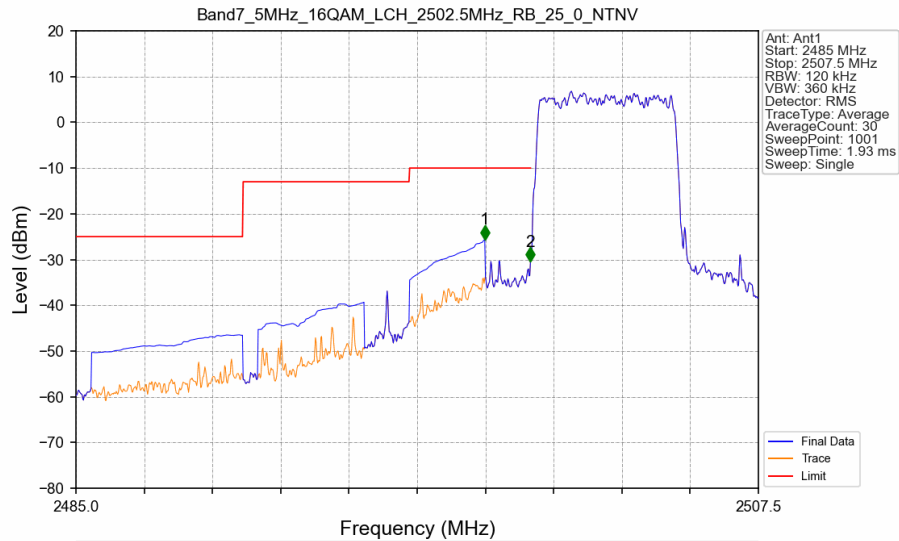
Band7 5MHz 16QAM LCH 2502.5MHz RB 1 0 NTV



Band7 5MHz 16QAM LCH 2502.5MHz RB 1 0 NTV

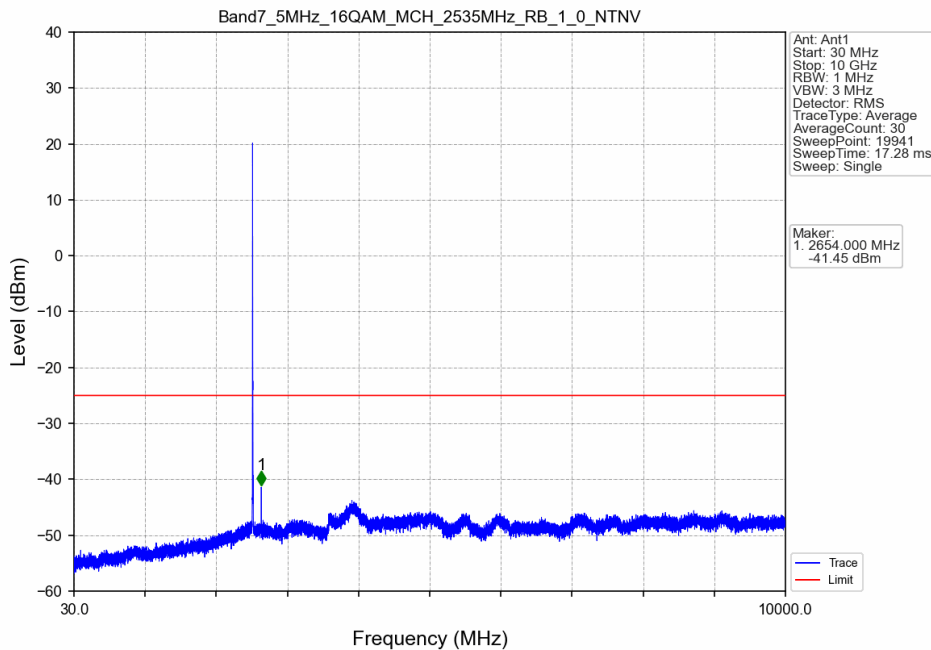


Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTV

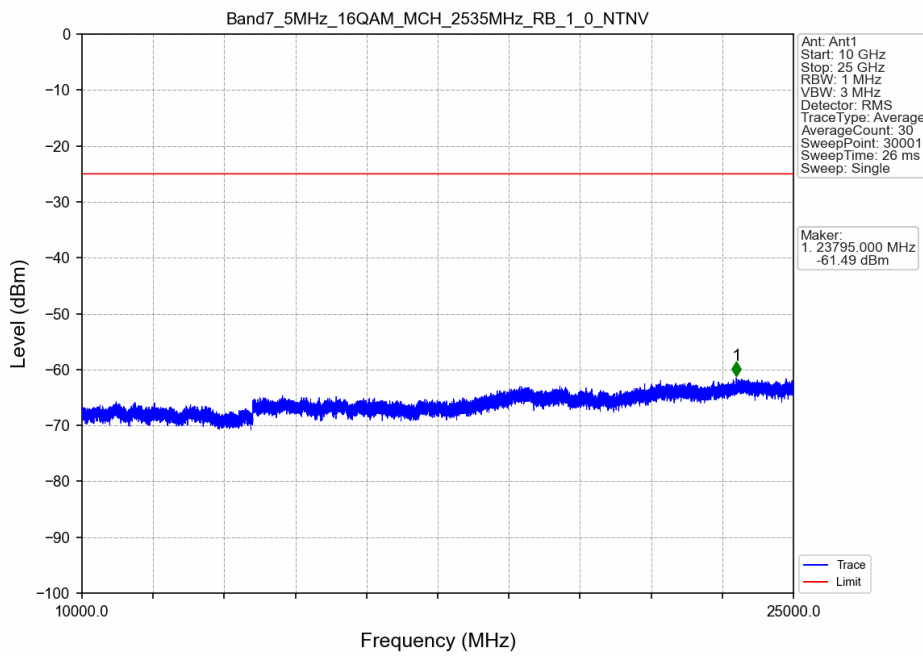


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2498.477	-25.62	-10	Pass
2499	2500	0.12	/	2	2499.985	-30.40	-10	Pass
2500	2507.5	0.12	/	/	/	/	/	/

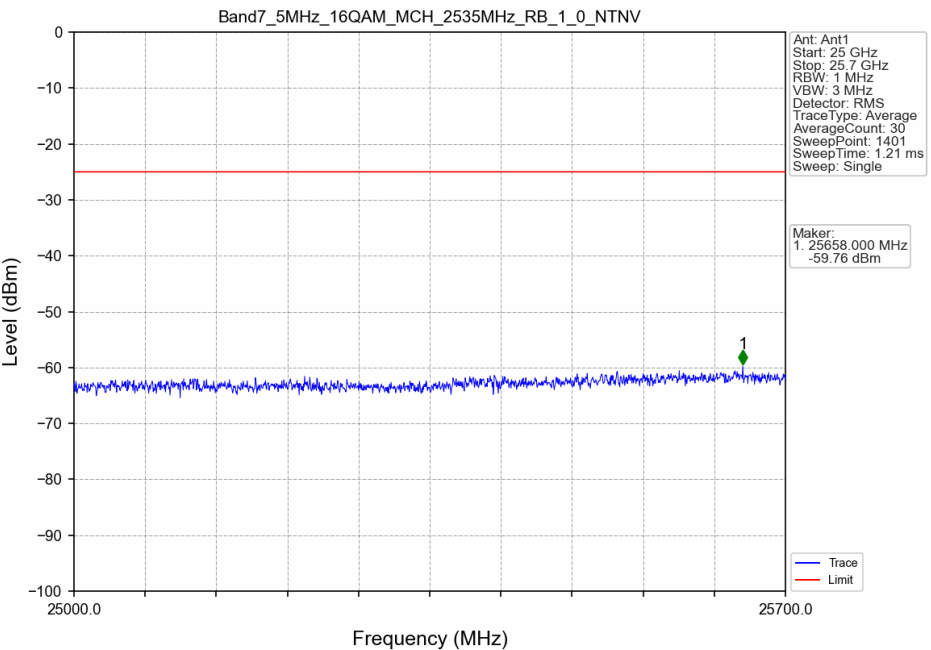
Band7 5MHz 16QAM MCH 2535MHz RB 1 0 NTN



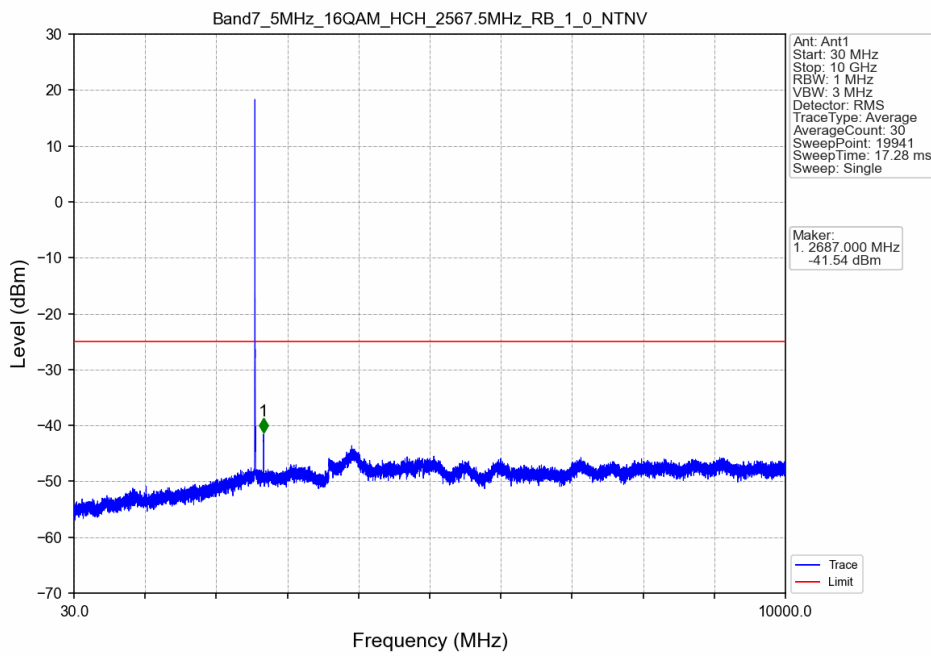
Band7 5MHz 16QAM MCH 2535MHz RB 1 0 NTN



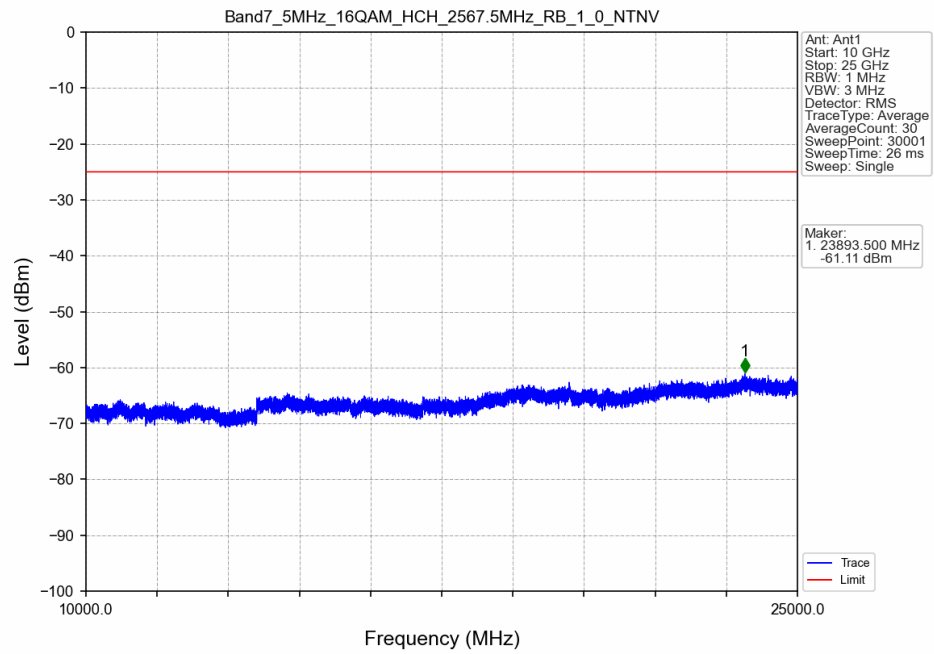
Band7 5MHz 16QAM MCH 2535MHz RB 1 0 NTN



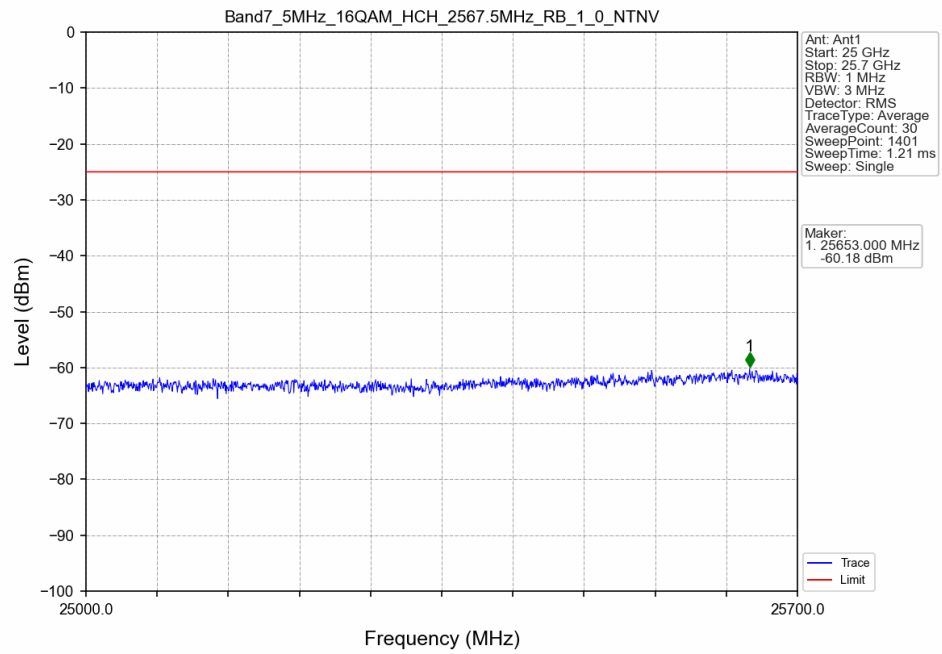
Band7 5MHz 16QAM HCH 2567.5MHz RB 1 0 NTN



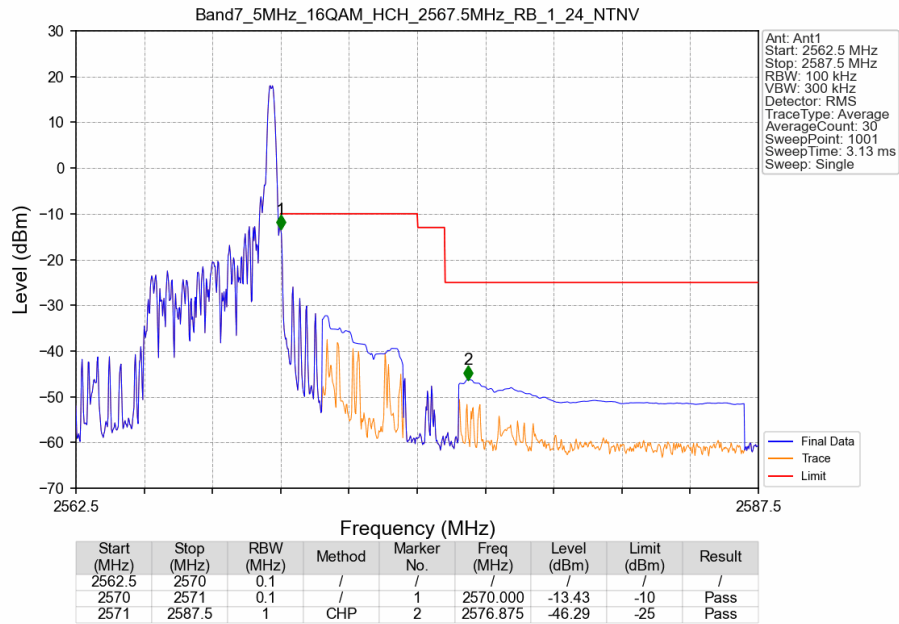
Band7 5MHz 16QAM HCH 2567.5MHz RB 1 0 NTNV



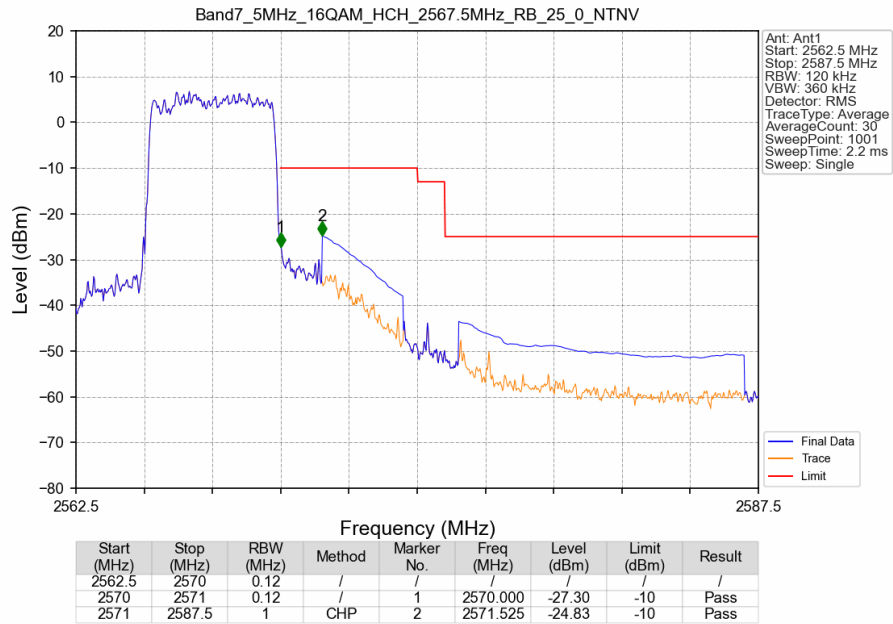
Band7 5MHz 16QAM HCH 2567.5MHz RB 1 0 NTNV



Band7 5MHz 16QAM HCH 2567.5MHz RB 1 24 NTNV



Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTNV

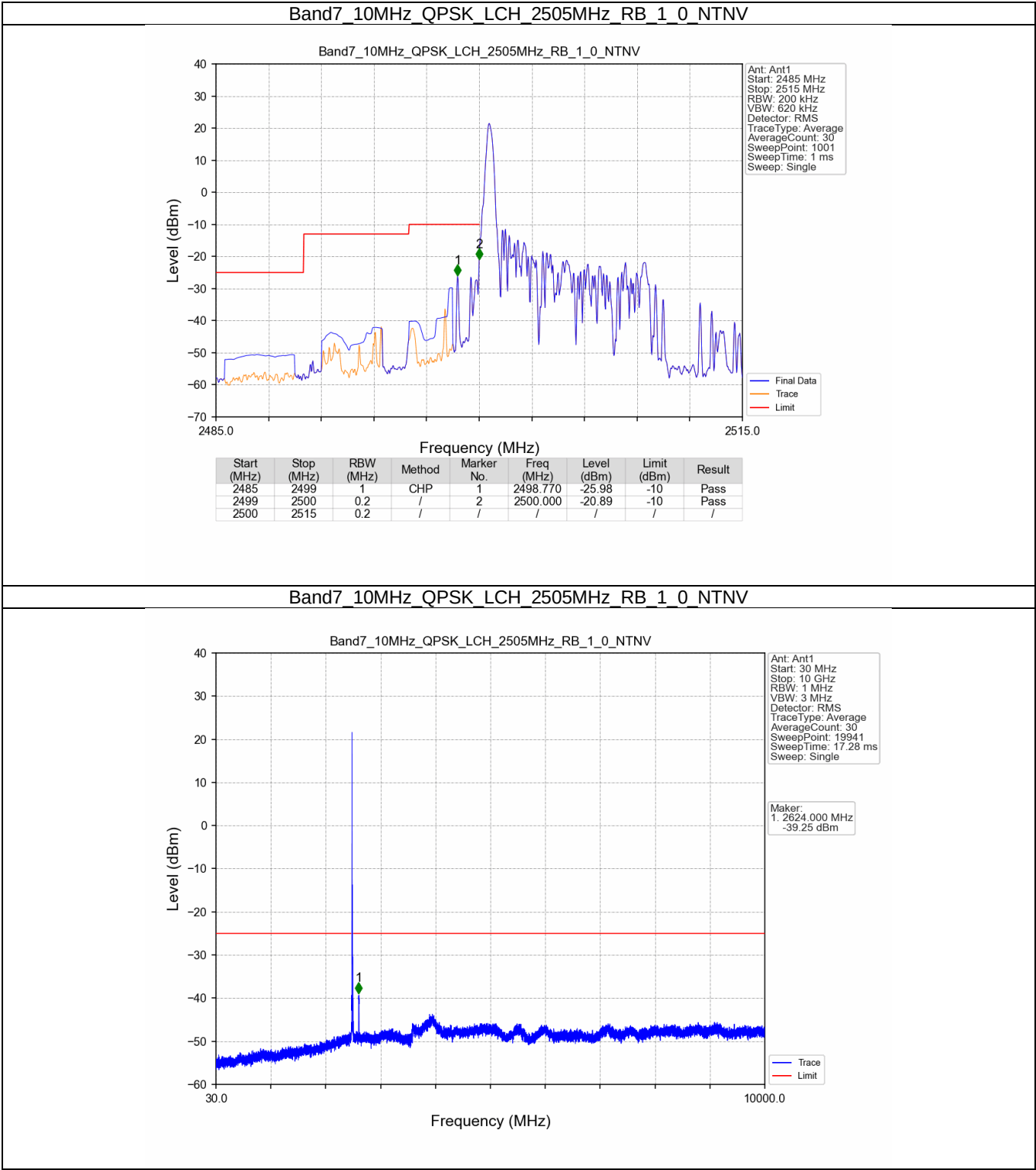


14.2 B7_10MHz

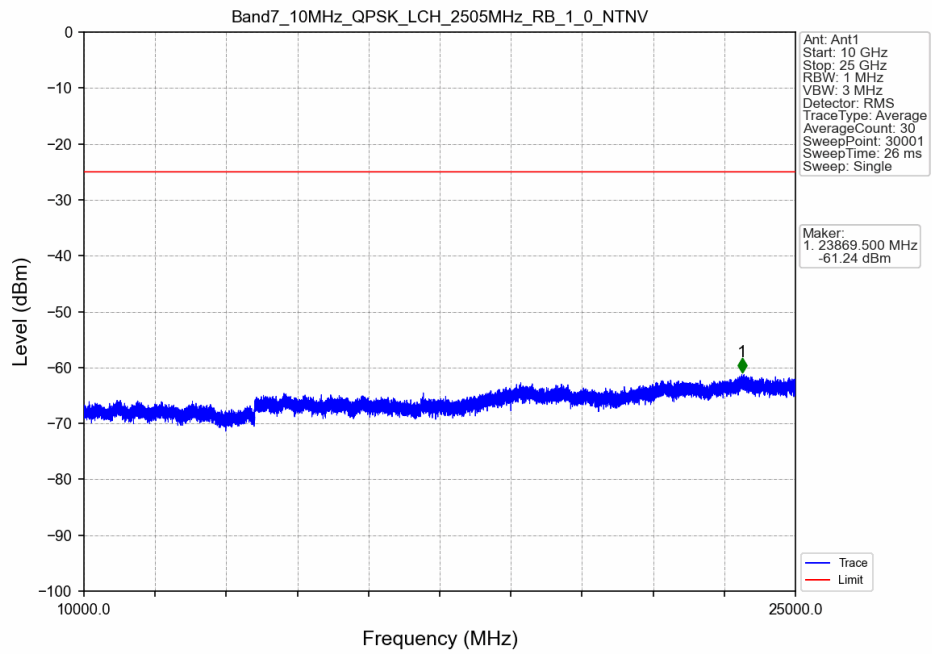
14.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

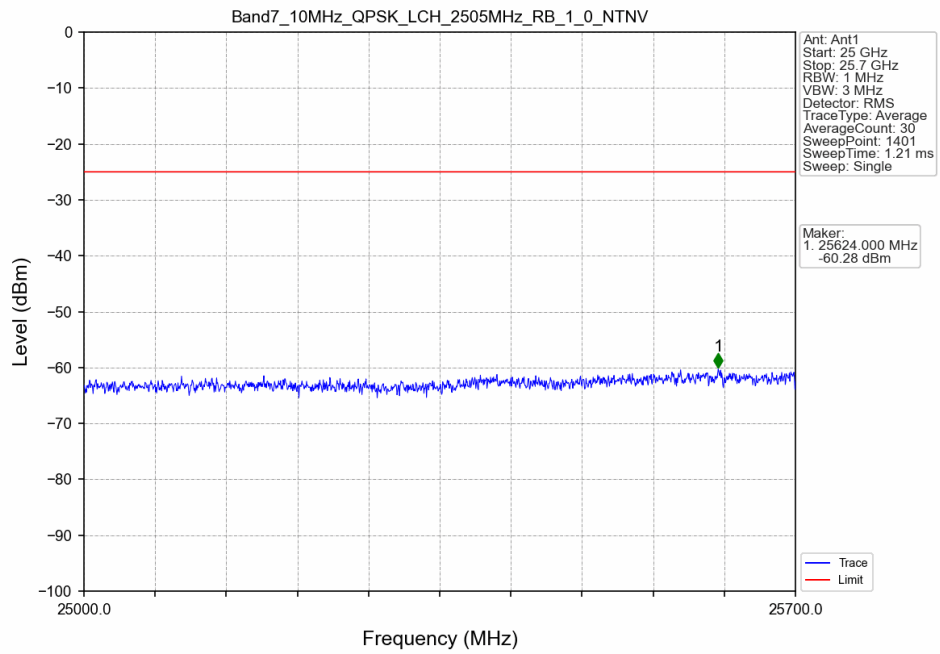
14.2.2 Test Graph



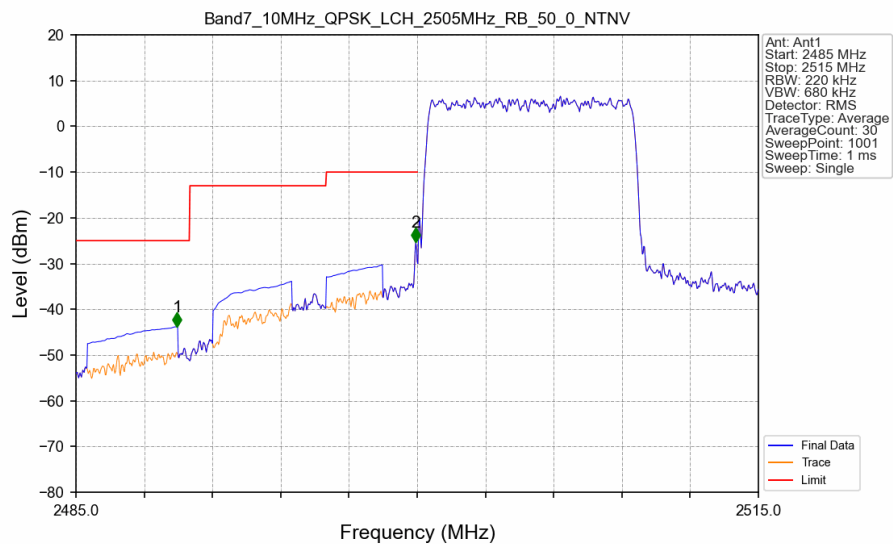
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

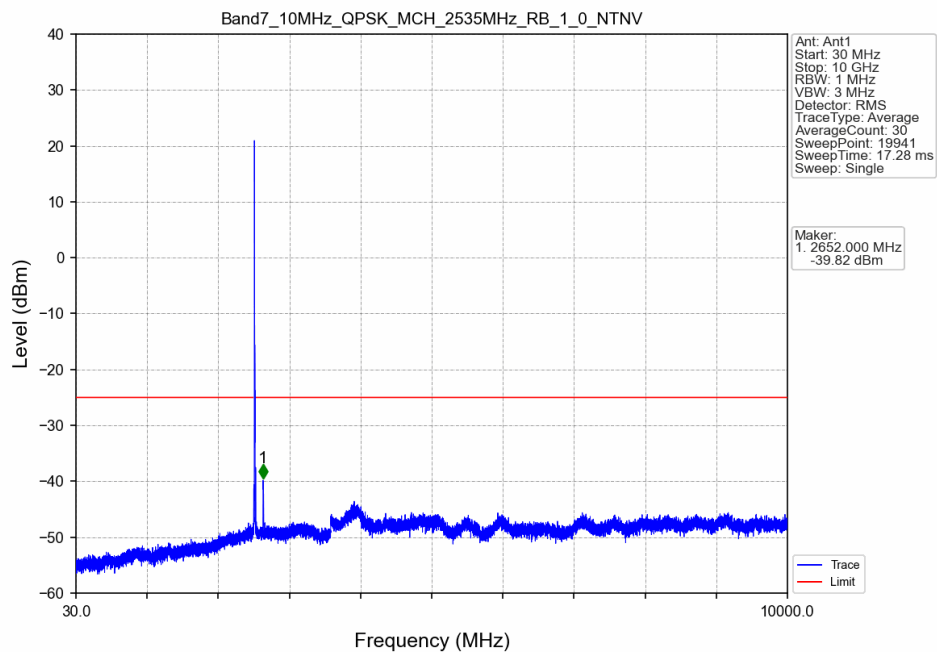


Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV

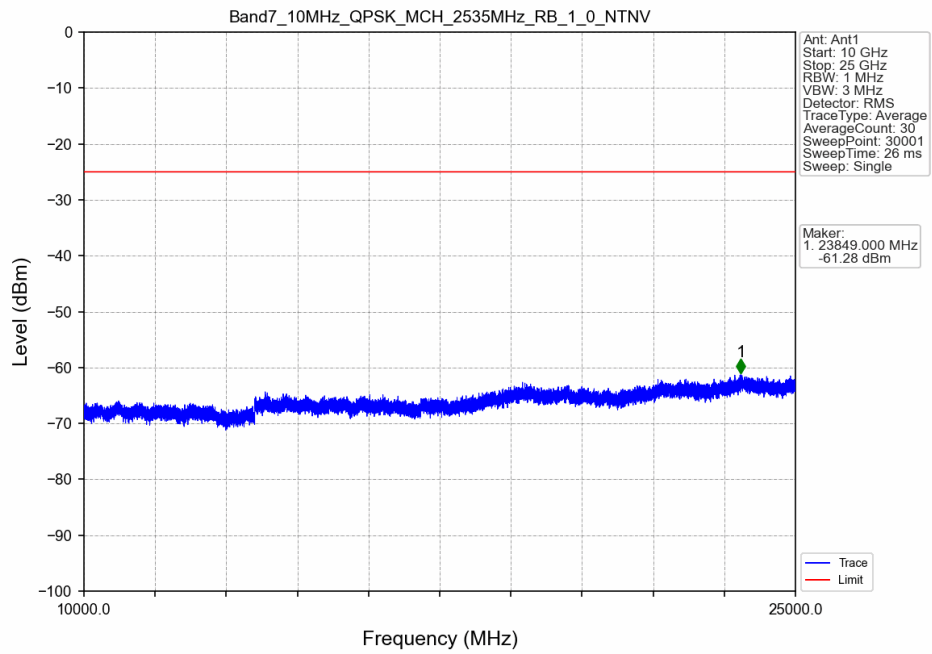


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2489.440	-43.81	-25	Pass
2499	2500	0.22	/	2	2499.940	-25.32	-10	Pass
2500	2515	0.22	/	/	/	/	/	/

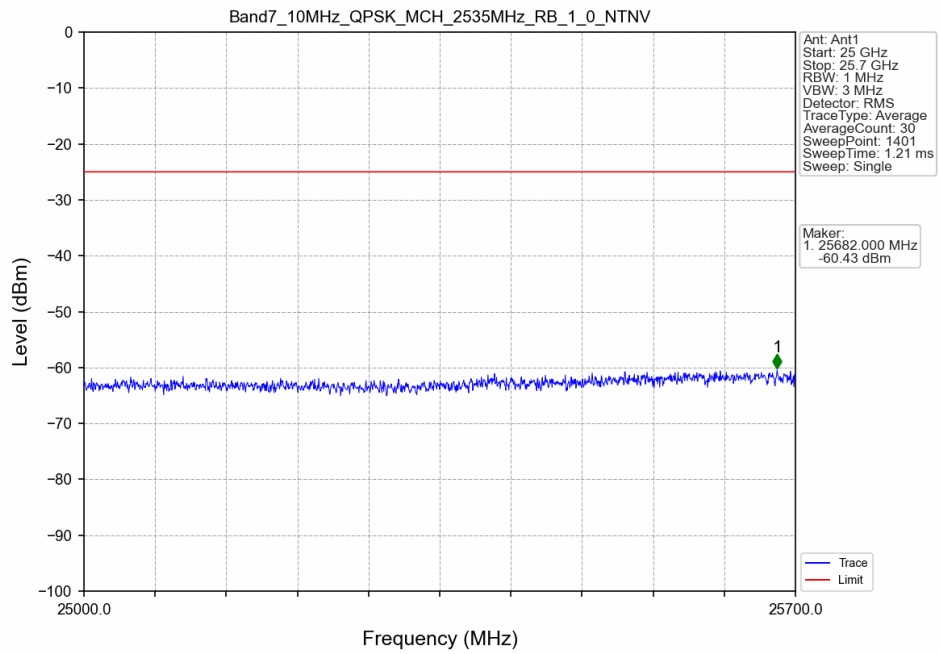
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



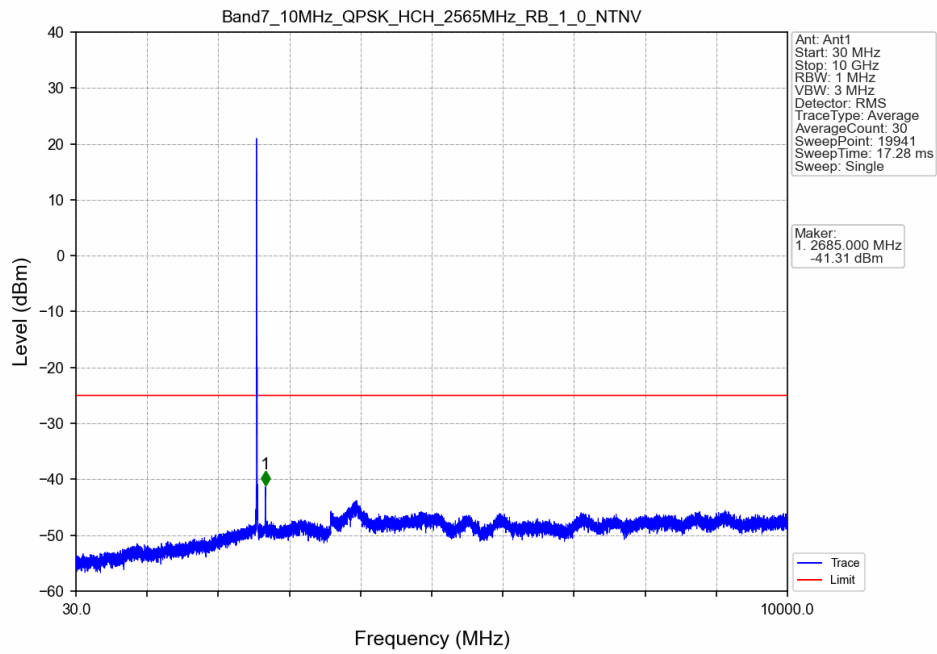
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



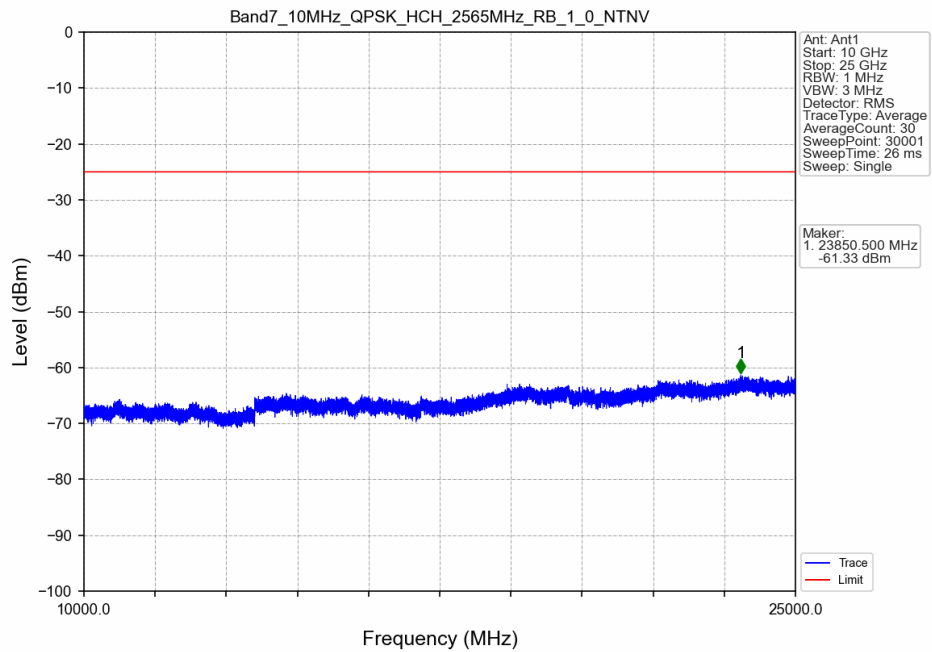
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



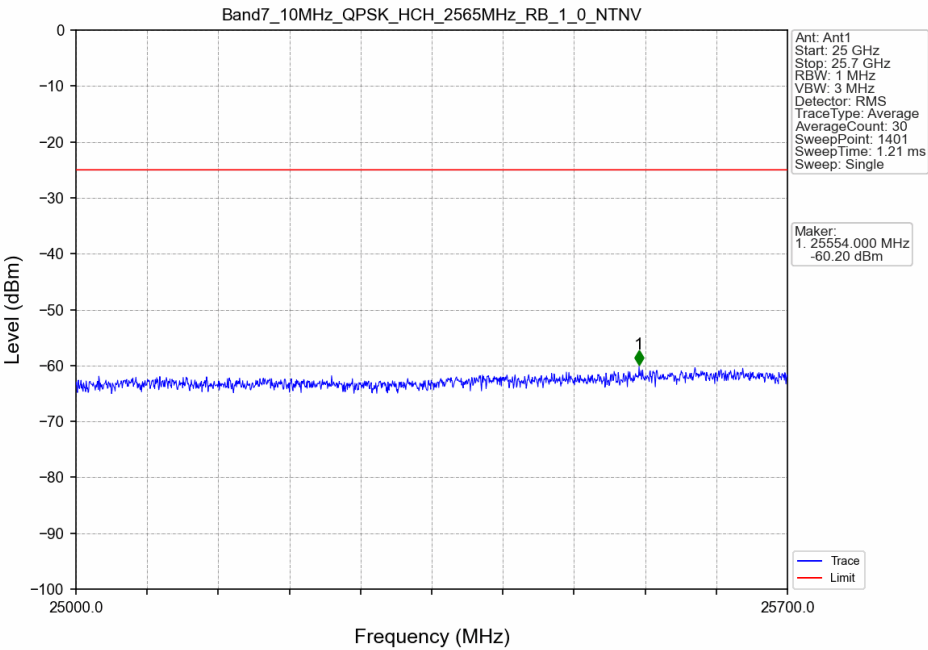
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



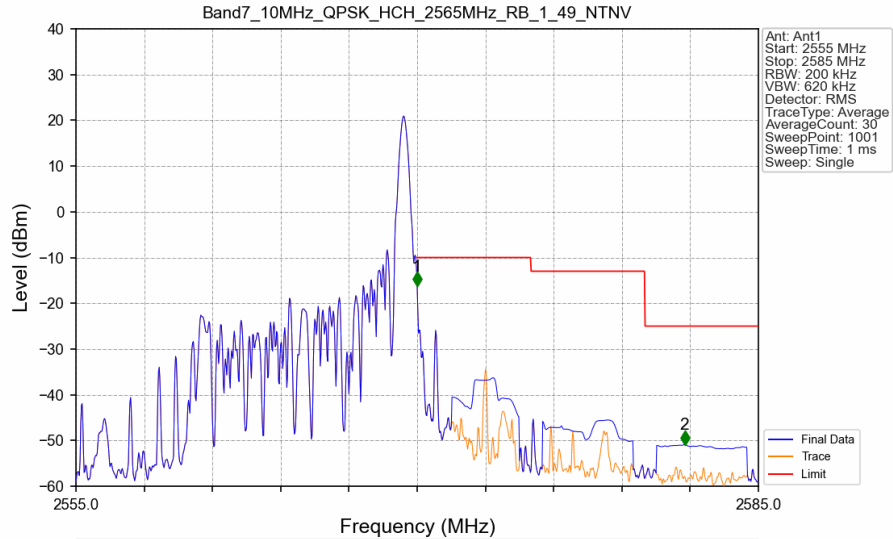
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

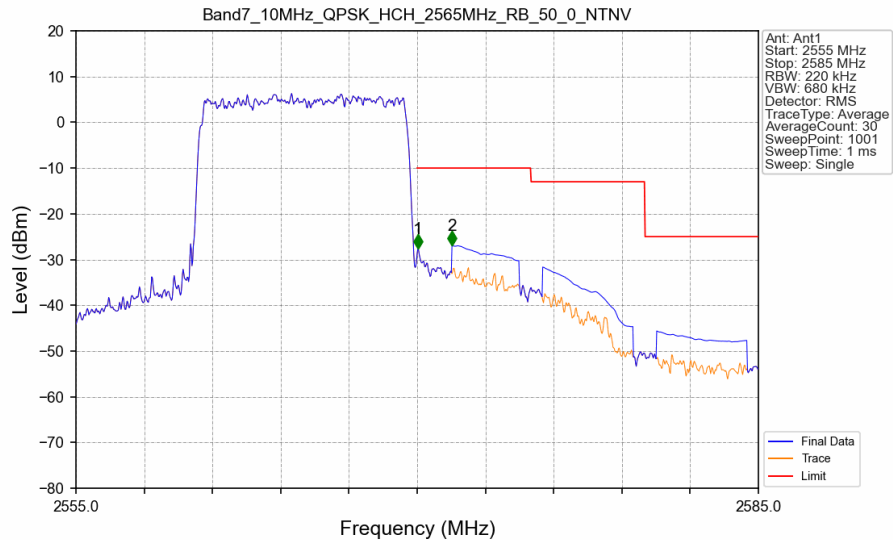


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV

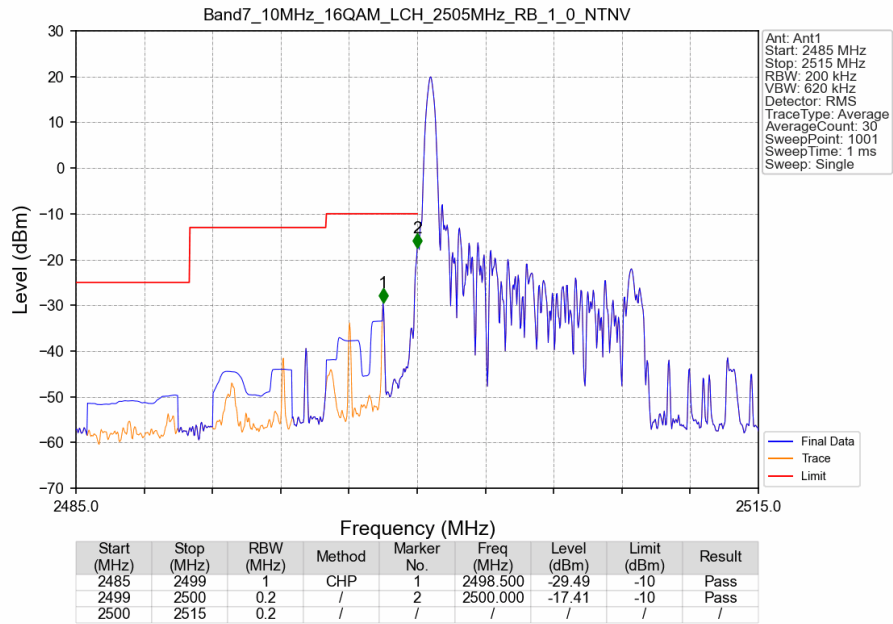


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.2	/	1	2570.000	-16.34	-10	Pass
2570	2571	0.2	/	2	2581.760	-50.92	-25	Pass

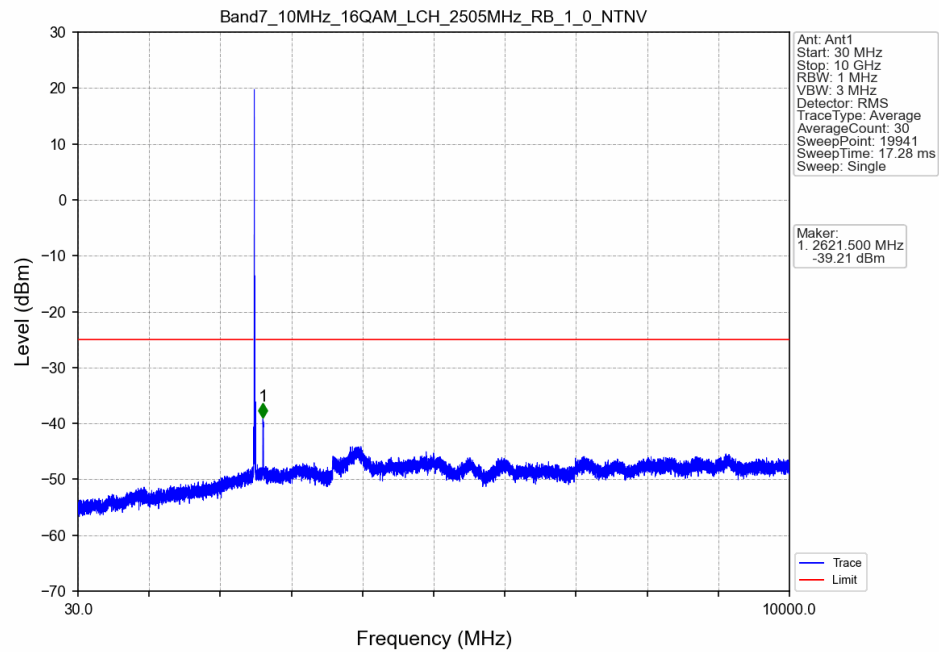
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



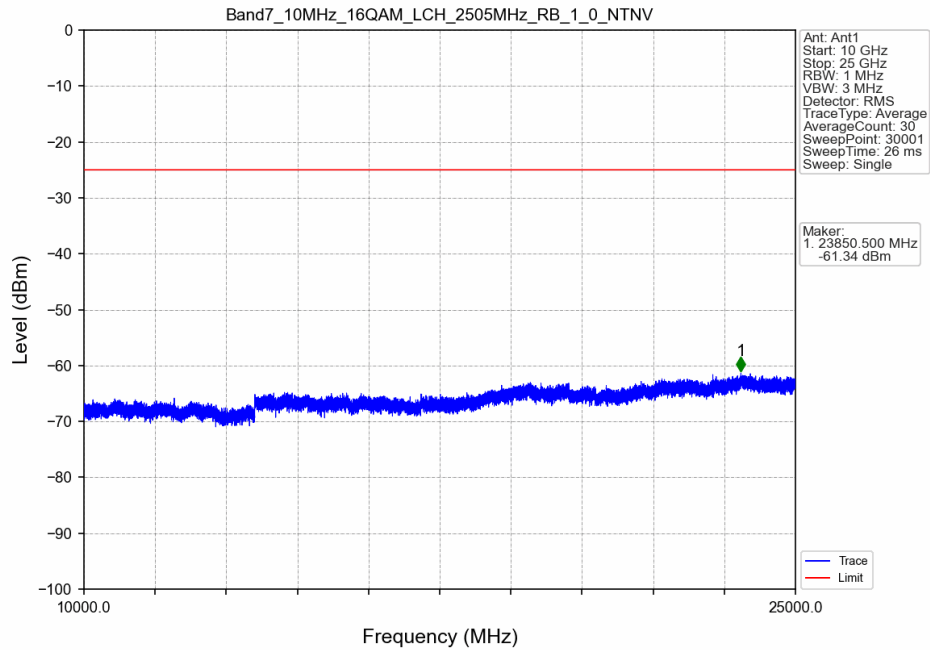
Band7 10MHz 16QAM LCH 2505MHz RB 1 0 NTN



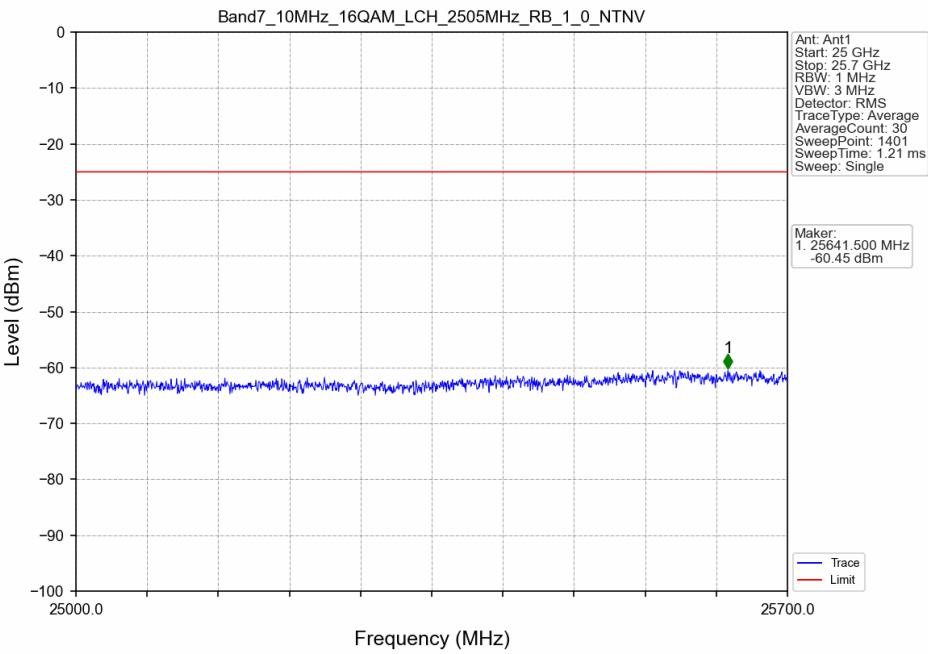
Band7 10MHz 16QAM LCH 2505MHz RB 1 0 NTNV



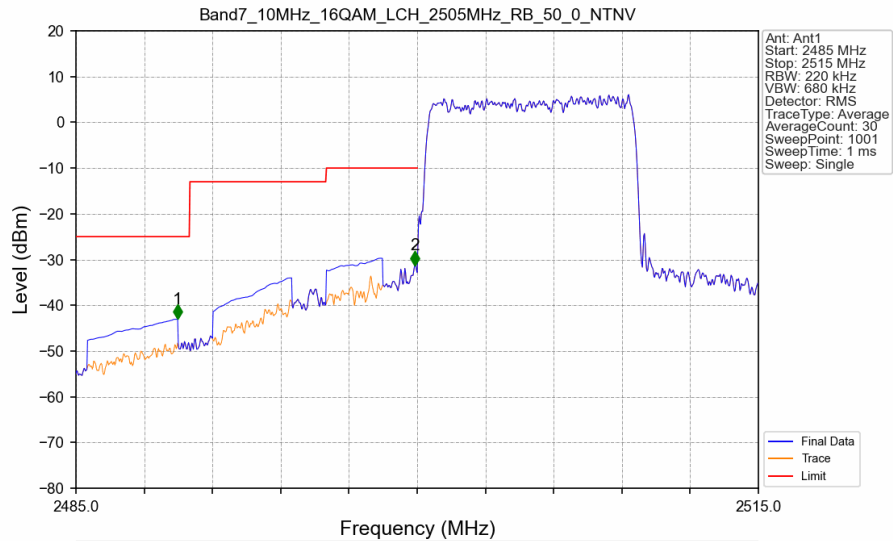
Band7 10MHz 16QAM LCH 2505MHz RB 1 0 NTNV



Band7 10MHz 16QAM LCH 2505MHz RB 1 0 NTN

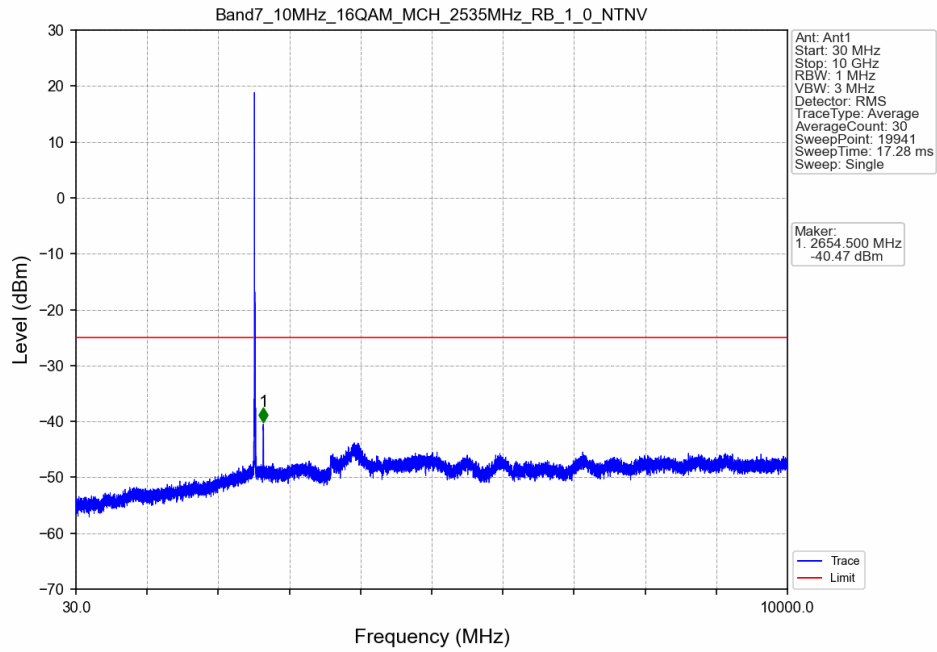


Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2489.470	-43.01	-25	Pass
2499	2500	0.22	/	2	2499.910	-31.24	-10	Pass
2500	2515	0.22	/	/	/	/	/	/

Band7 10MHz 16QAM MCH 2535MHz RB 1 0 NTV



Band7 10MHz 16QAM MCH 2535MHz RB 1 0 NTV

