



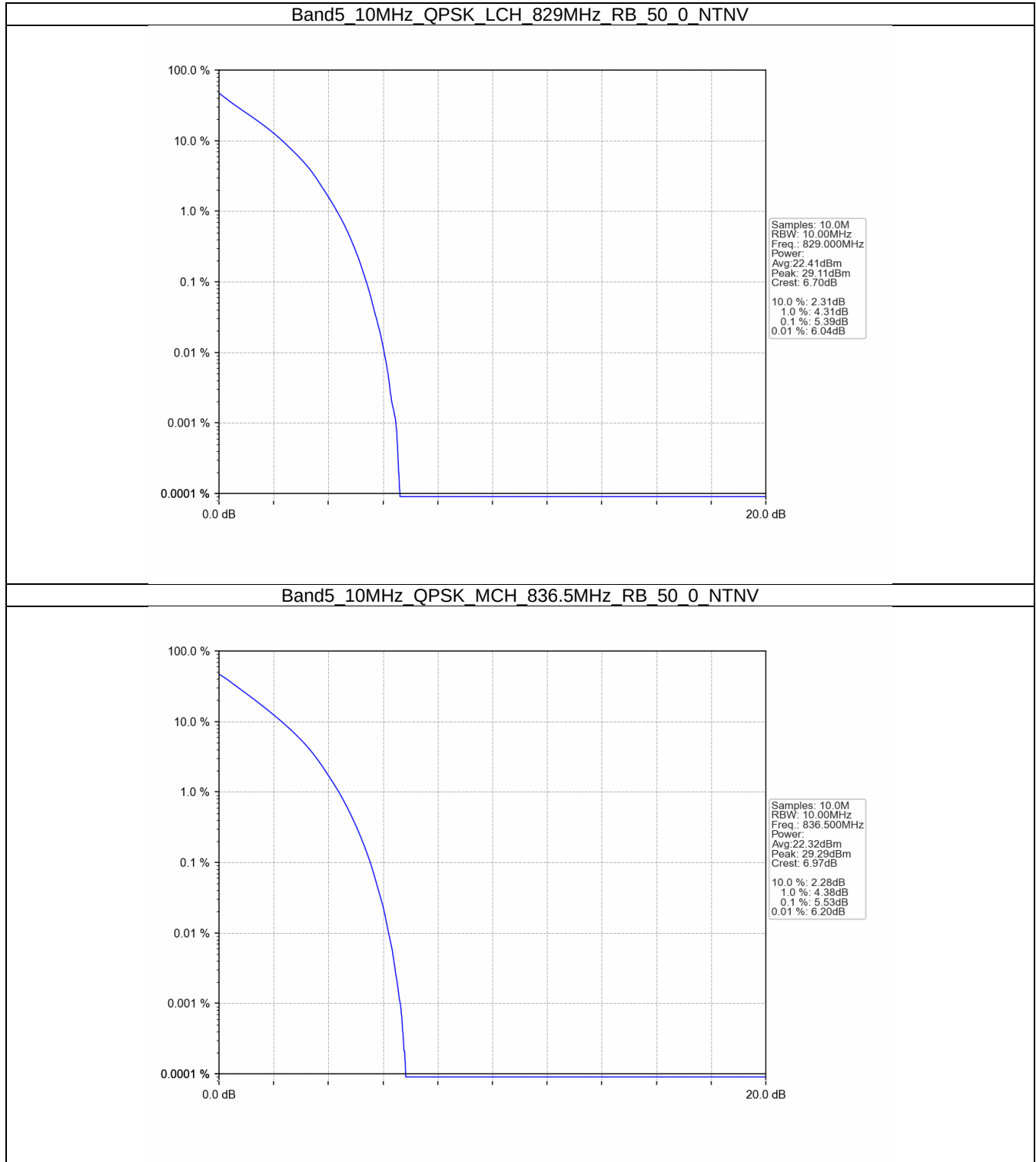
5.4 B5_10MHz

5.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.39	<=13	Pass
	836.5	50	0	5.53	<=13	Pass
	844	50	0	5.53	<=13	Pass
16QAM	829	50	0	6.09	<=13	Pass
	836.5	50	0	6.32	<=13	Pass
	844	50	0	6.28	<=13	Pass

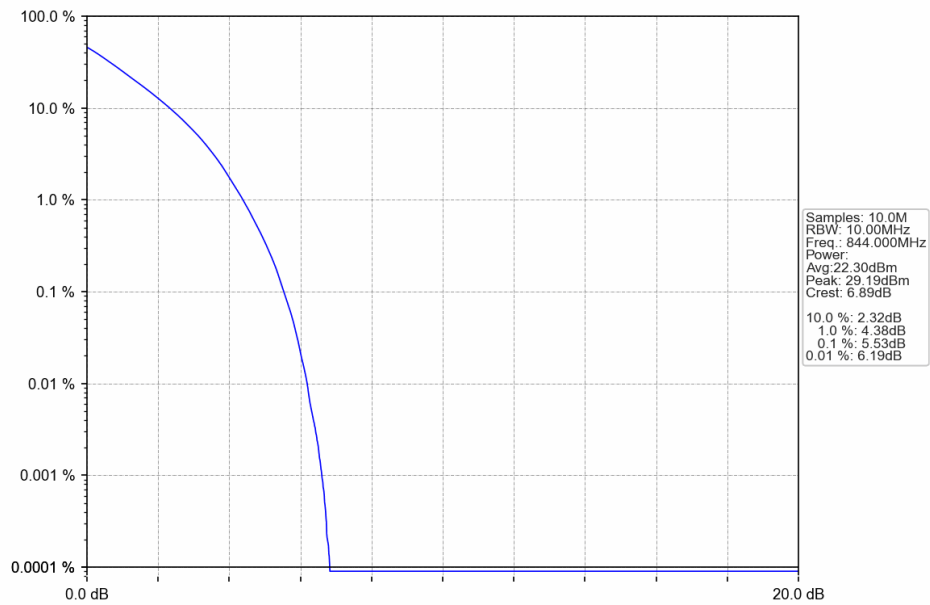


5.4.2 Test Graph

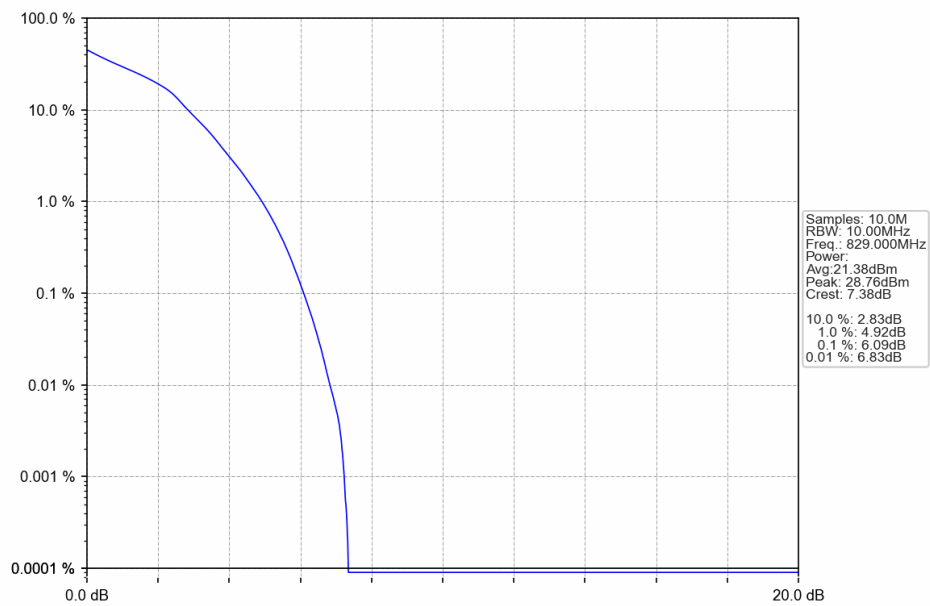




Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV

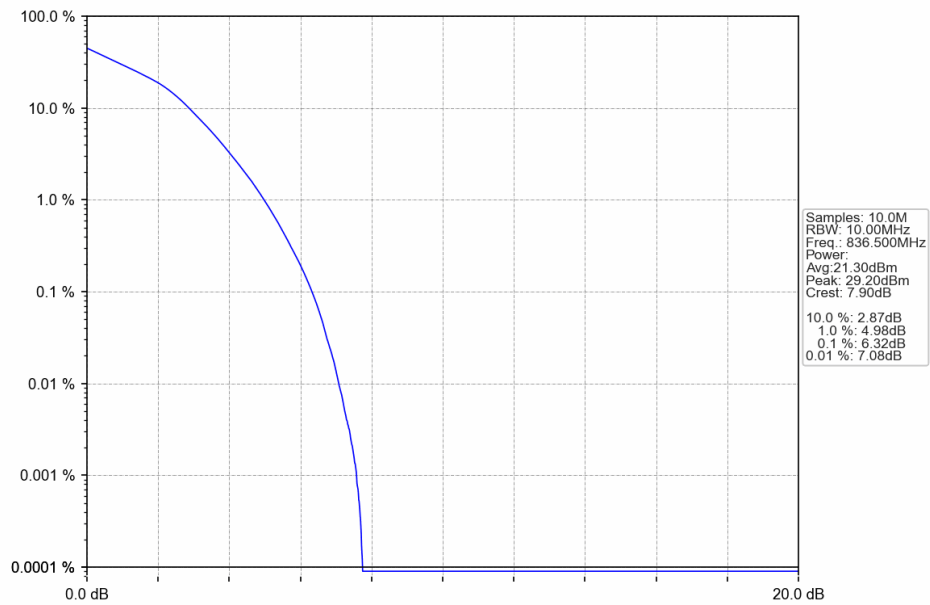


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

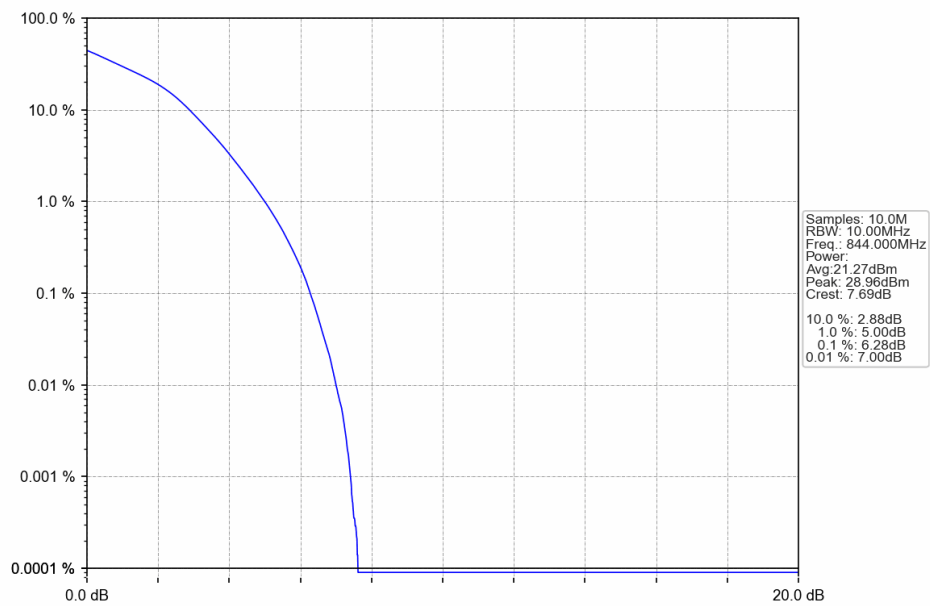




Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV





6. Spurious Emission

6.1 B5_1.4MHz

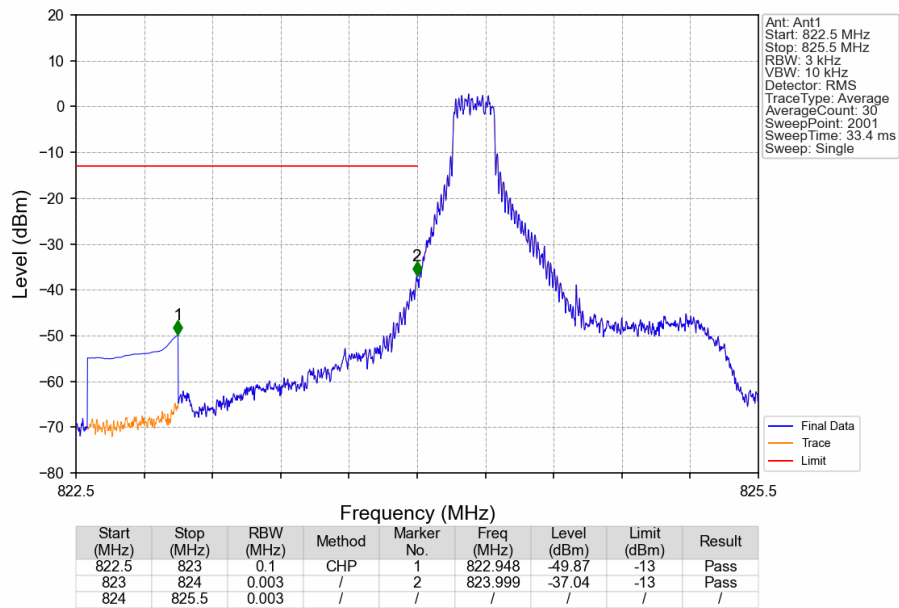
6.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
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
	848.3	1	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
	848.3	1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

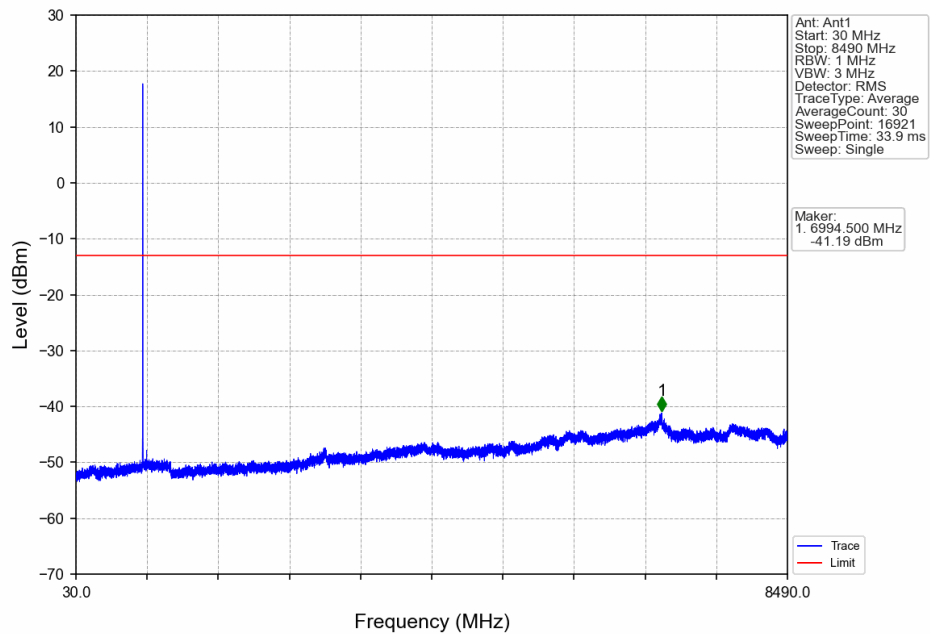


6.1.2 Test Graph

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

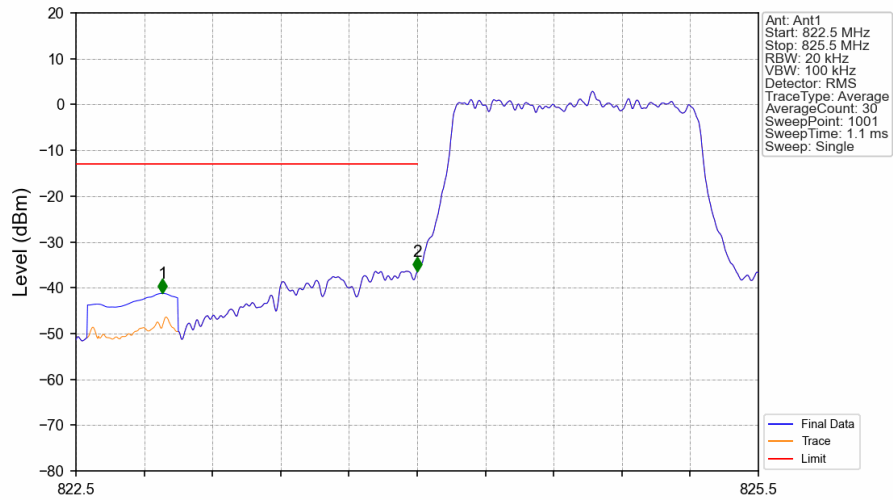


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



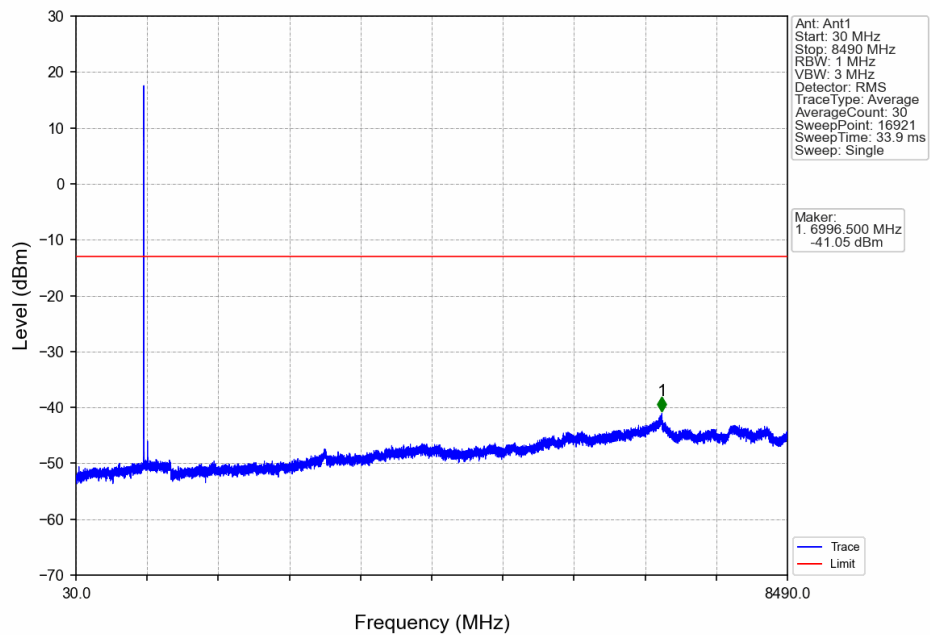


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



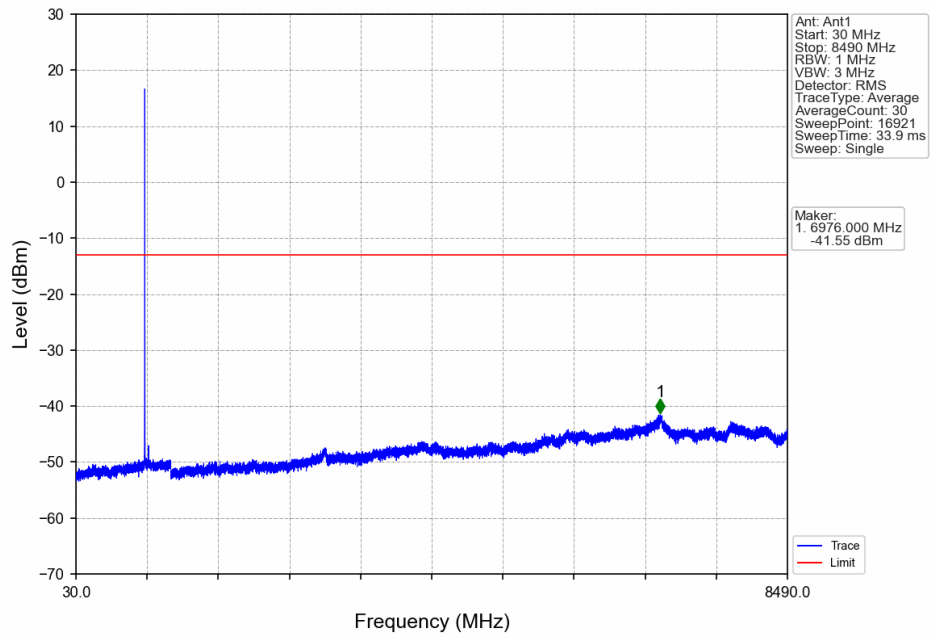
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.881	-41.25	-13	Pass
823	824	0.02	/	2	824.000	-36.41	-13	Pass
824	825.5	0.02	/	/	/	/	/	/

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

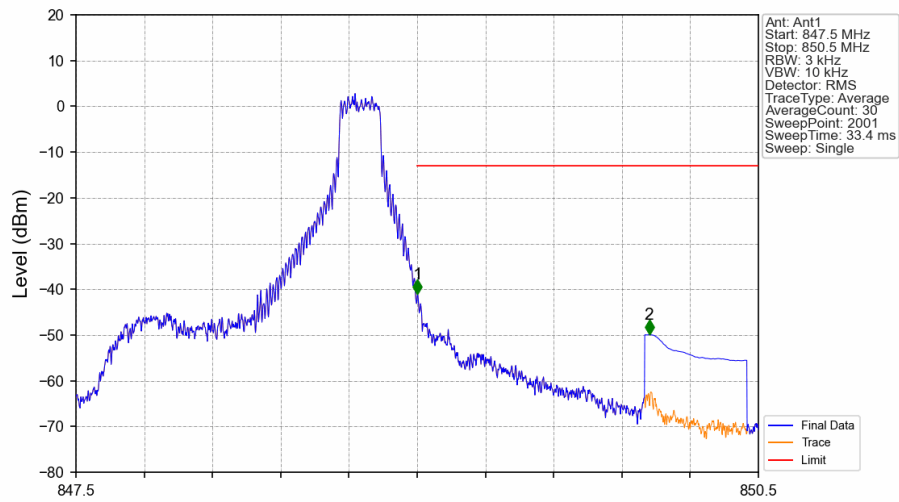




Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV



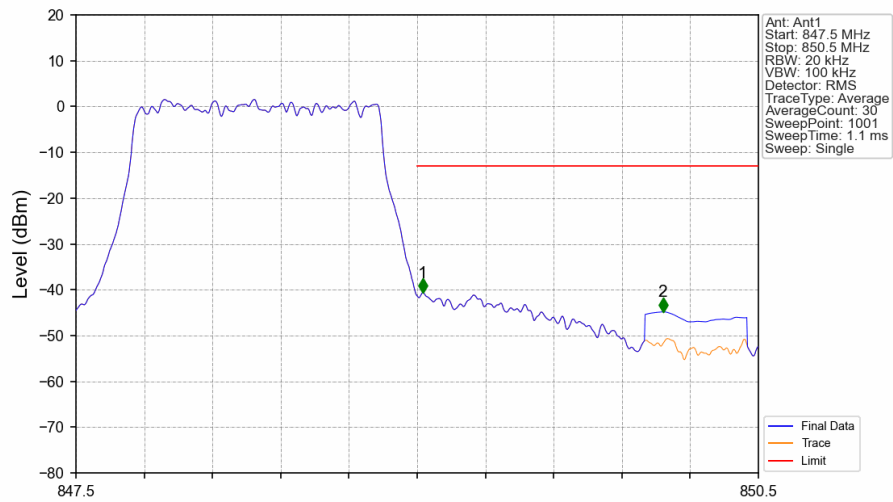
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	1	849.001	-41.05	-13	/
849	850	0.003	/	2	850.020	-49.92	-13	Pass
850	850.5	0.1	CHP					Pass

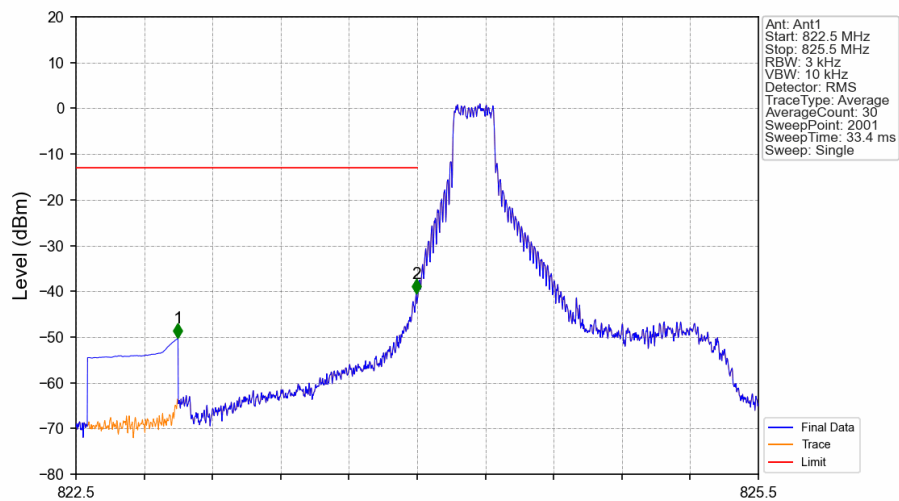


Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.02	/	1	849.024	-40.65	-13	Pass
849	850	0.02	/	1	849.024	-40.65	-13	Pass
850	850.5	0.1	CHP	2	850.080	-44.83	-13	Pass

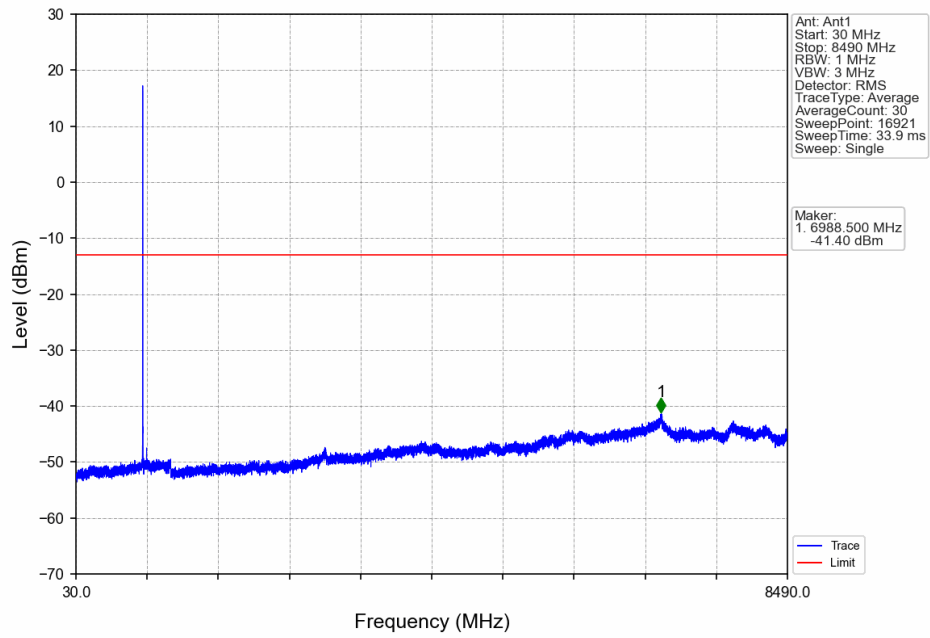
Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTNV



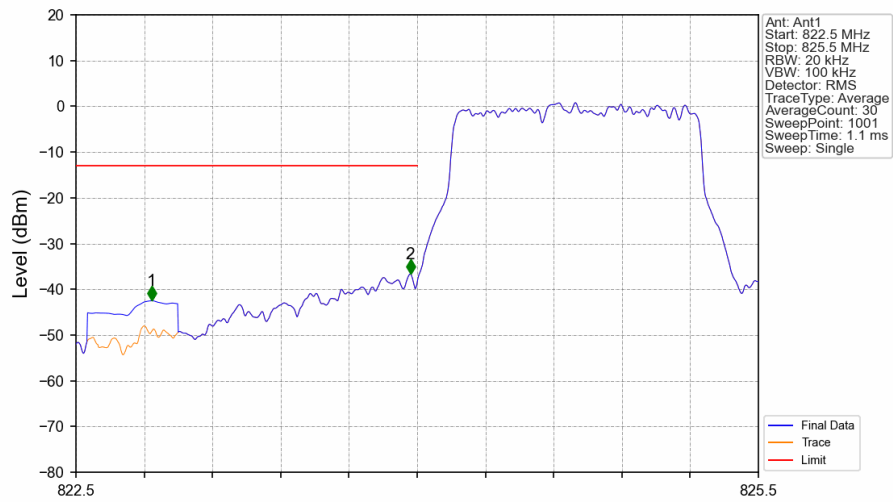
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.948	-50.26	-13	Pass
823	824	0.003	/	2	823.995	-40.56	-13	Pass
824	825.5	0.003	/	/	/	/	/	/



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



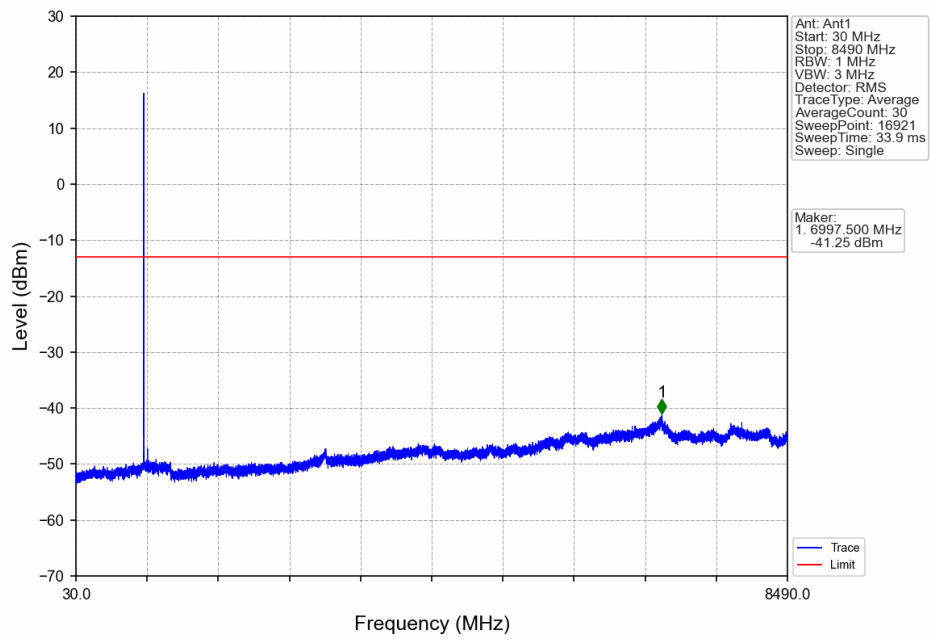
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



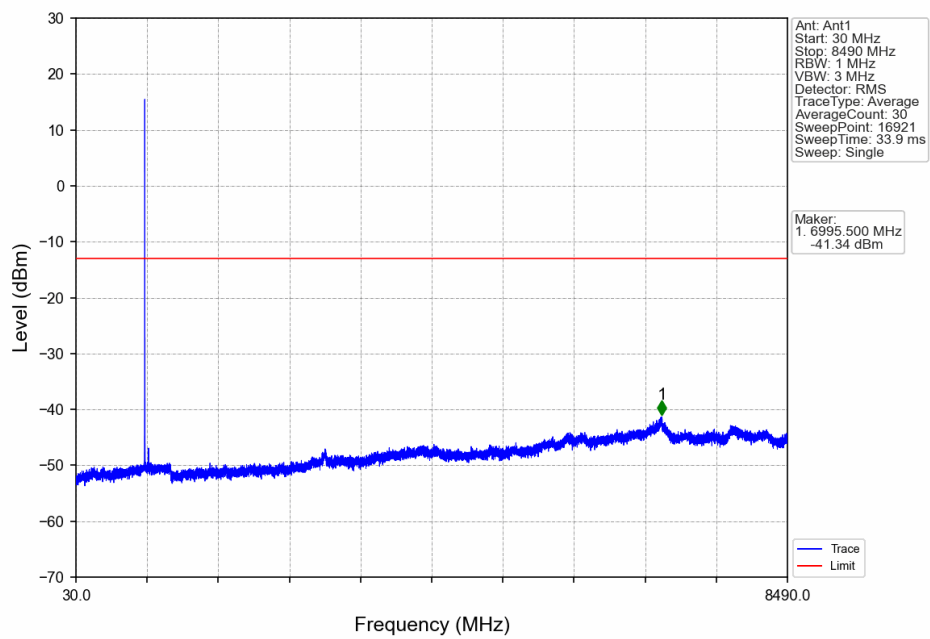
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.833	-42.50	-13	Pass
823	824	0.02	/	2	823.970	-36.66	-13	Pass
824	825.5	0.02	/	/	/	/	/	/



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

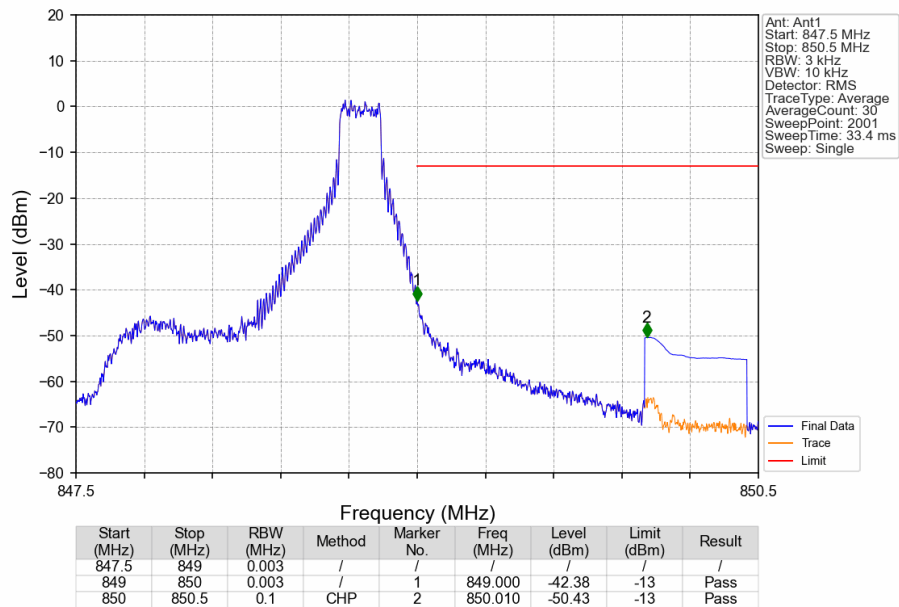


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

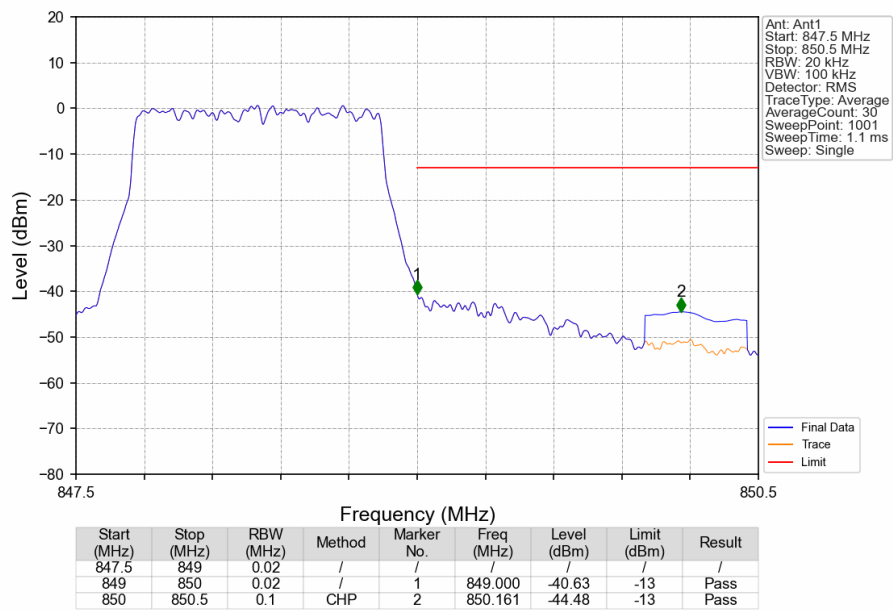




Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV





6.2 B5_3MHz

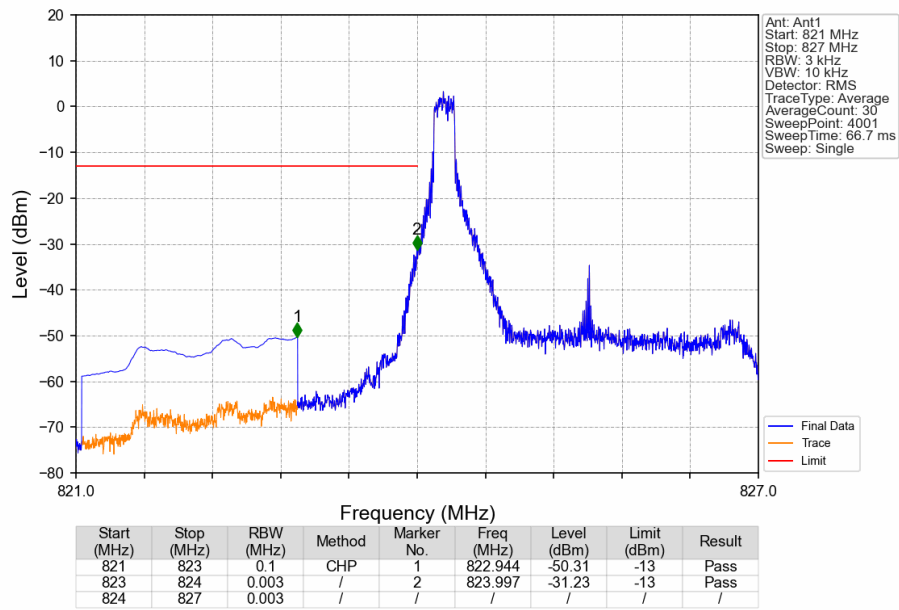
6.2.1 Test Result

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

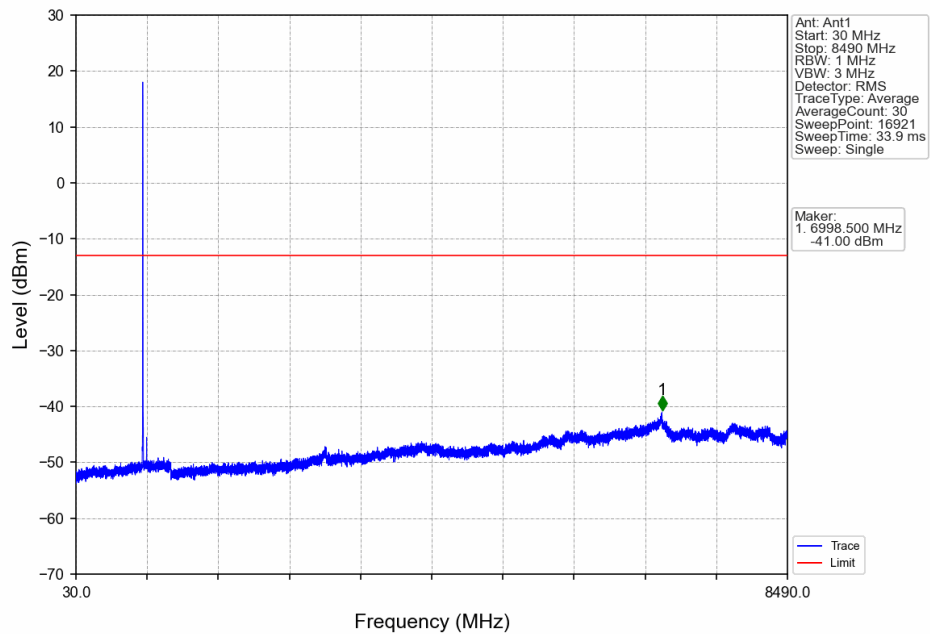


6.2.2 Test Graph

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

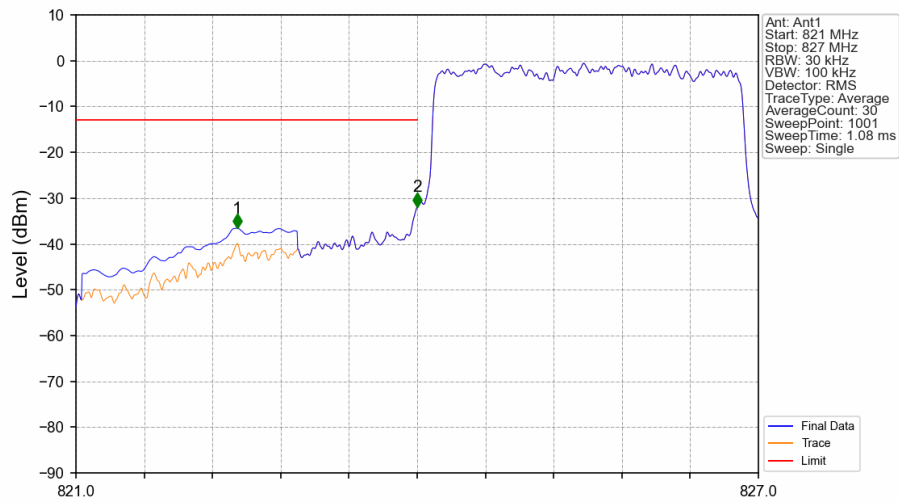


Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



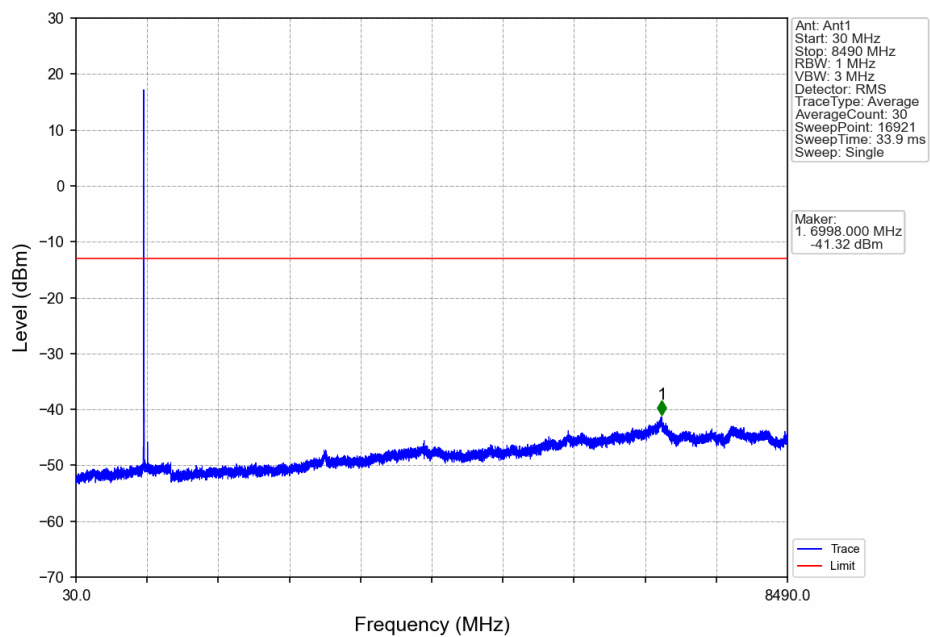


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



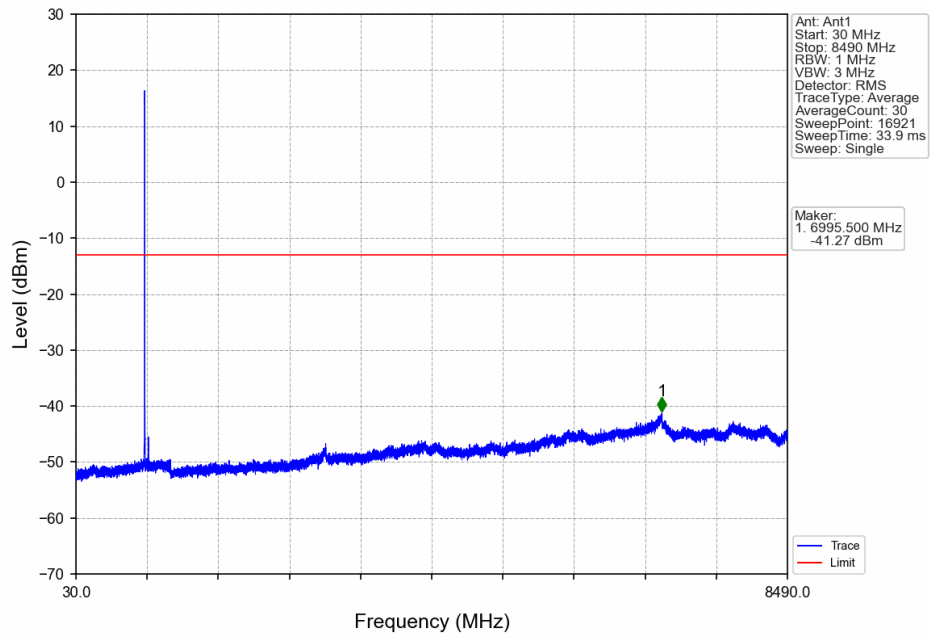
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.416	-36.54	-13	Pass
823	824	0.03	/	2	824.000	-31.89	-13	Pass
824	827	0.03	/	/	/	/	/	/

Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

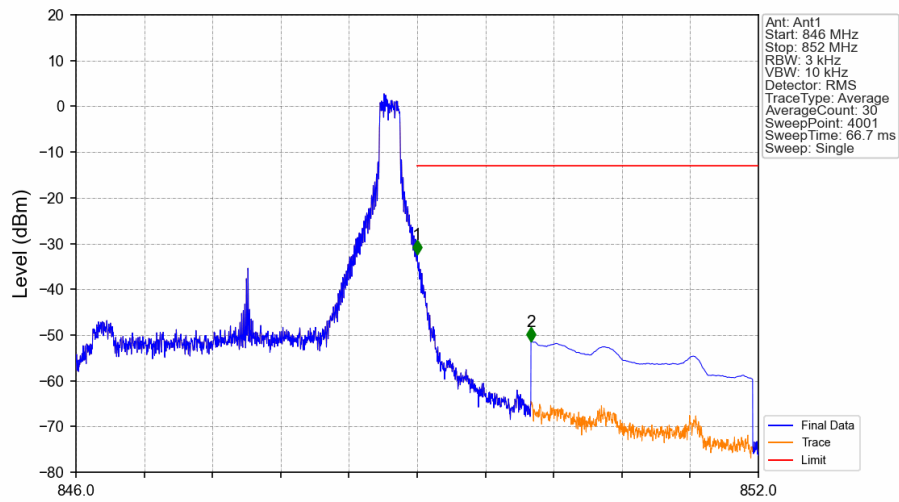




Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

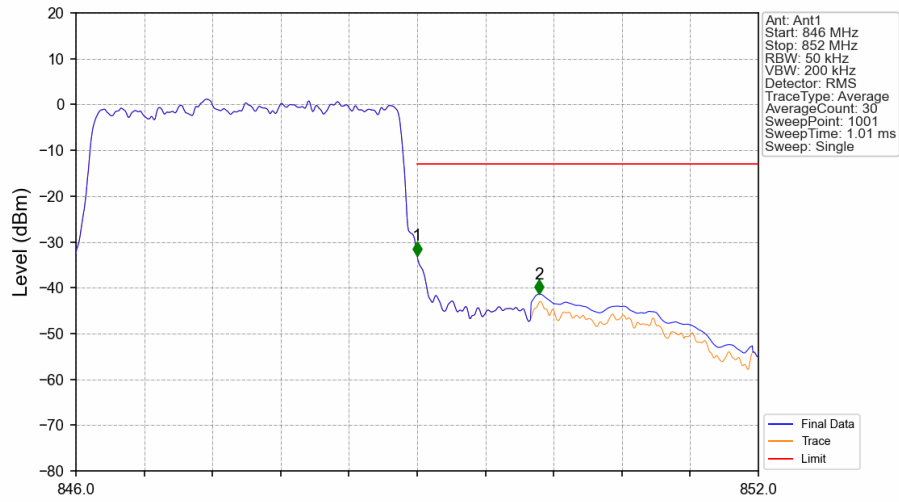


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV

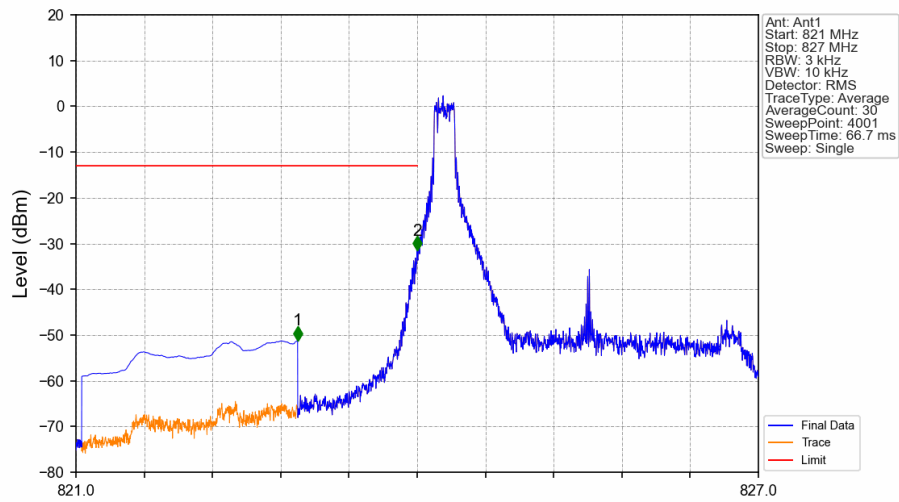


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	1	849.000	-32.38	-13	/
849	850	0.003	/	2	849.004	-51.41	-13	Pass
850	852	0.1	CHP					Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

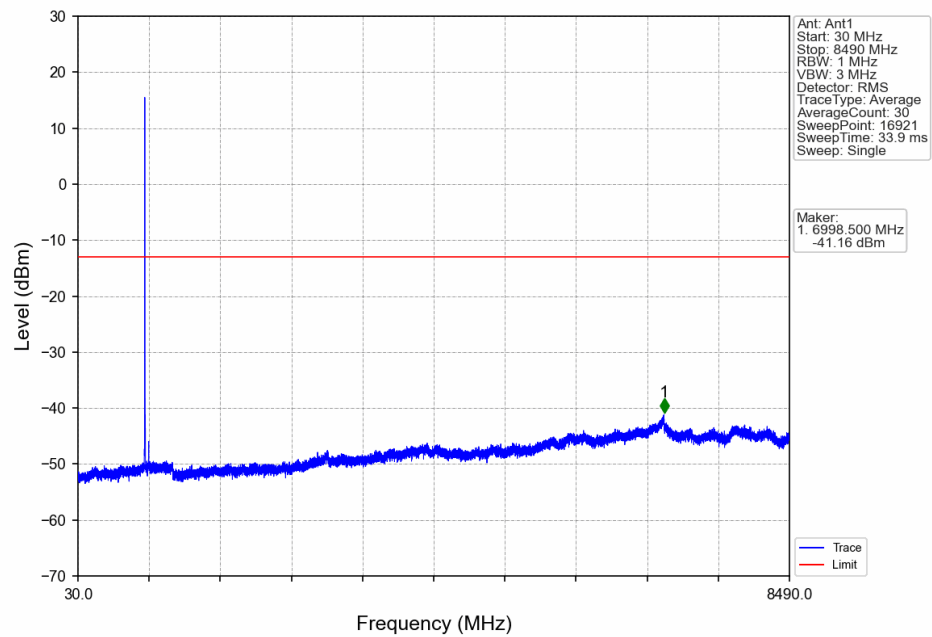


Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

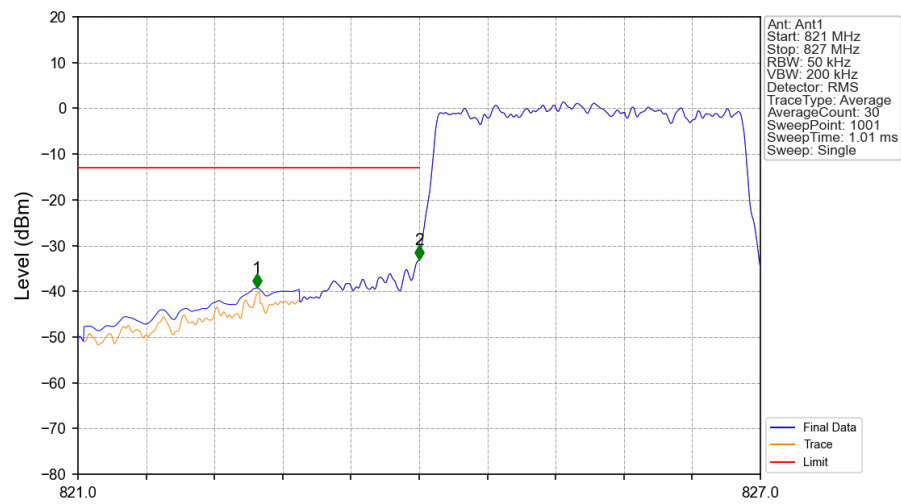




Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



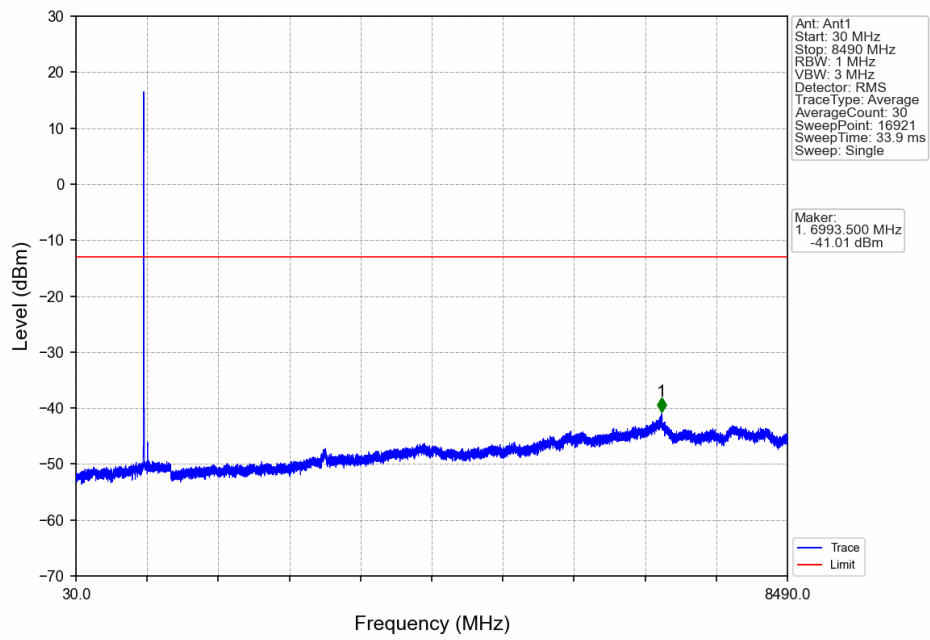
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



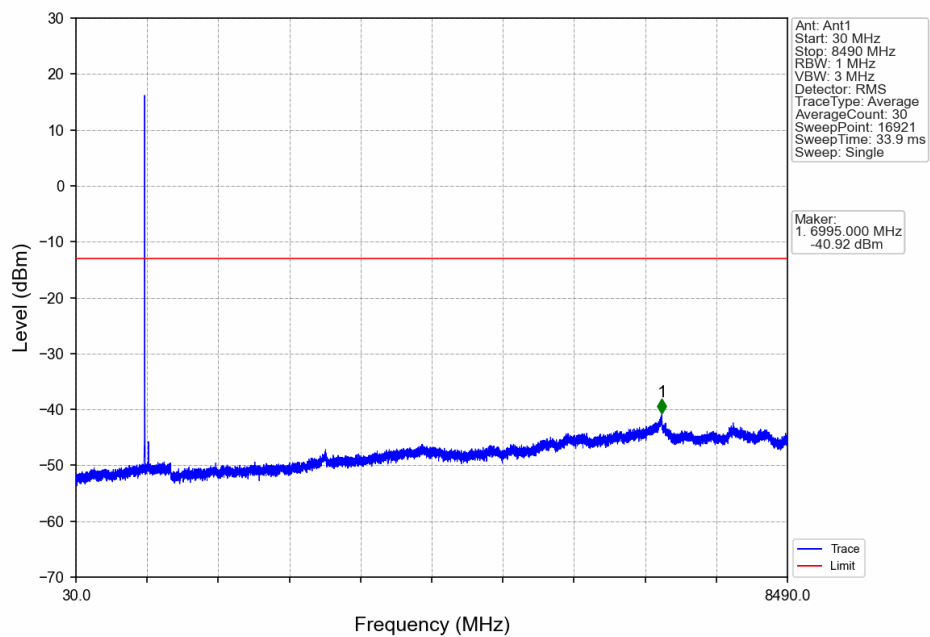
Frequency (MHz)								
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.572	-39.31	-13	Pass
823	824	0.05	/	2	824.000	-33.14	-13	Pass
824	827	0.05	/	/	/	/	/	/



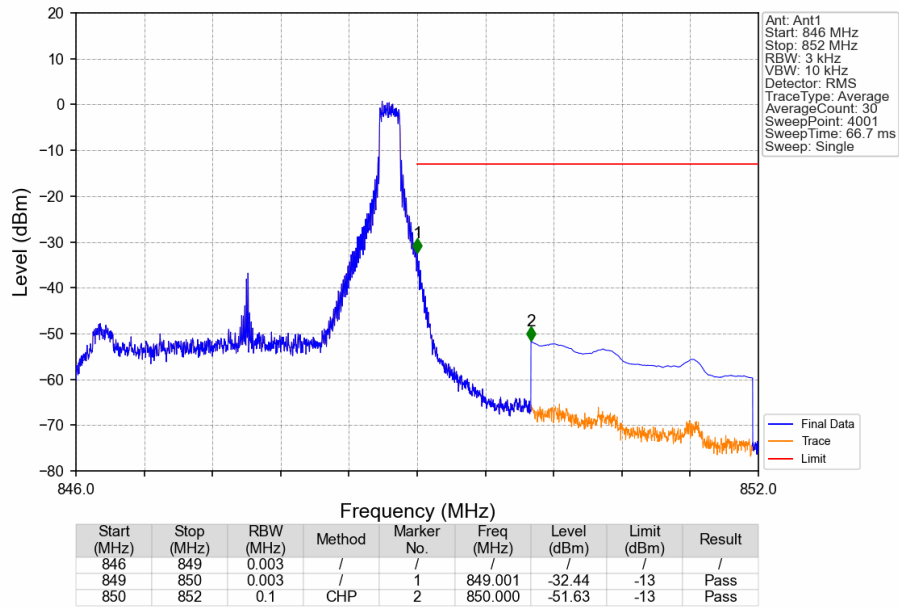
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



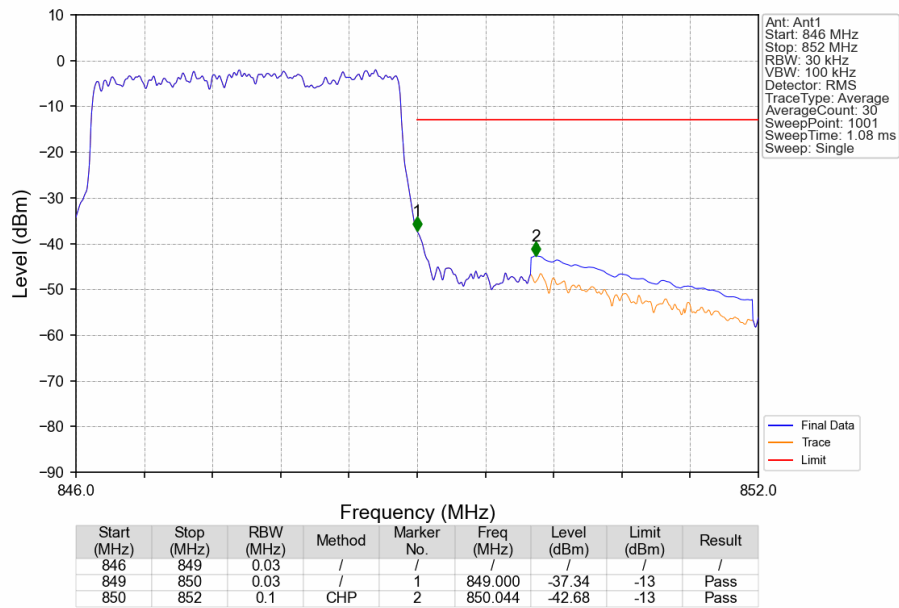
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV





6.3 B5_5MHz

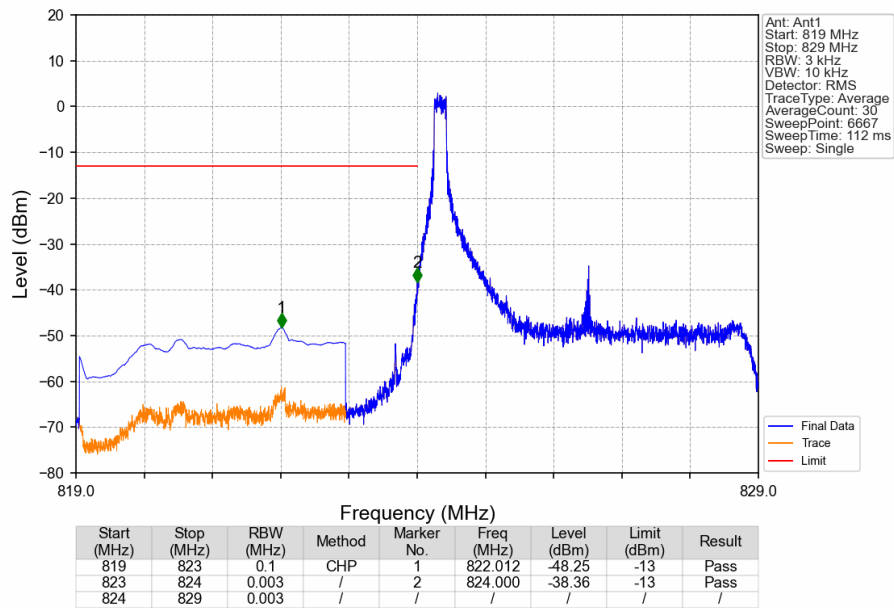
6.3.1 Test Result

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

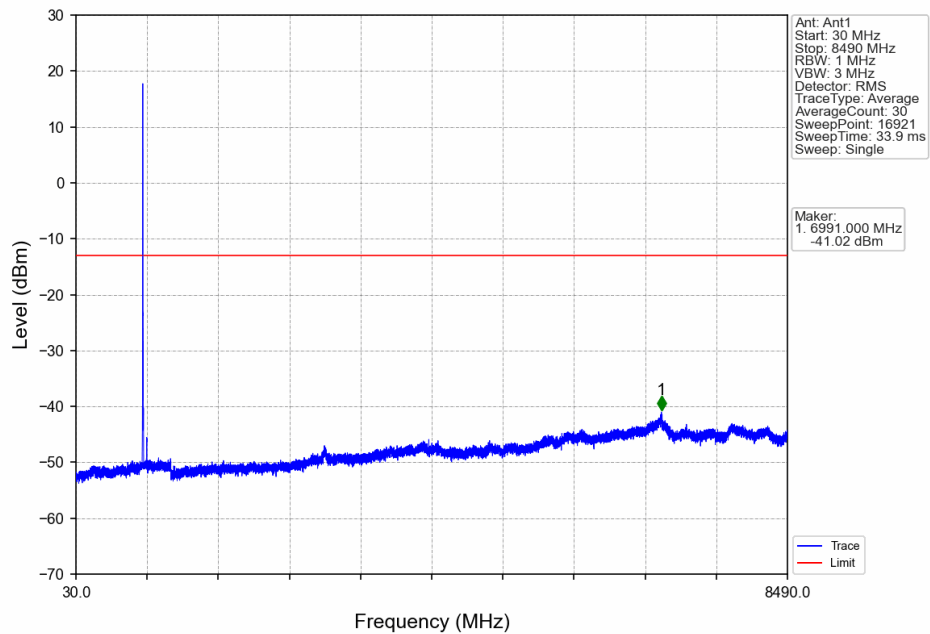


6.3.2 Test Graph

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

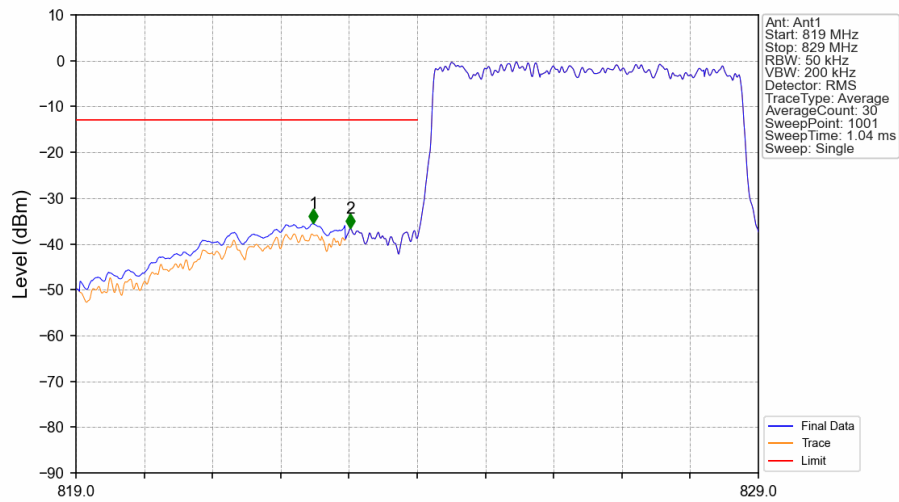


Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



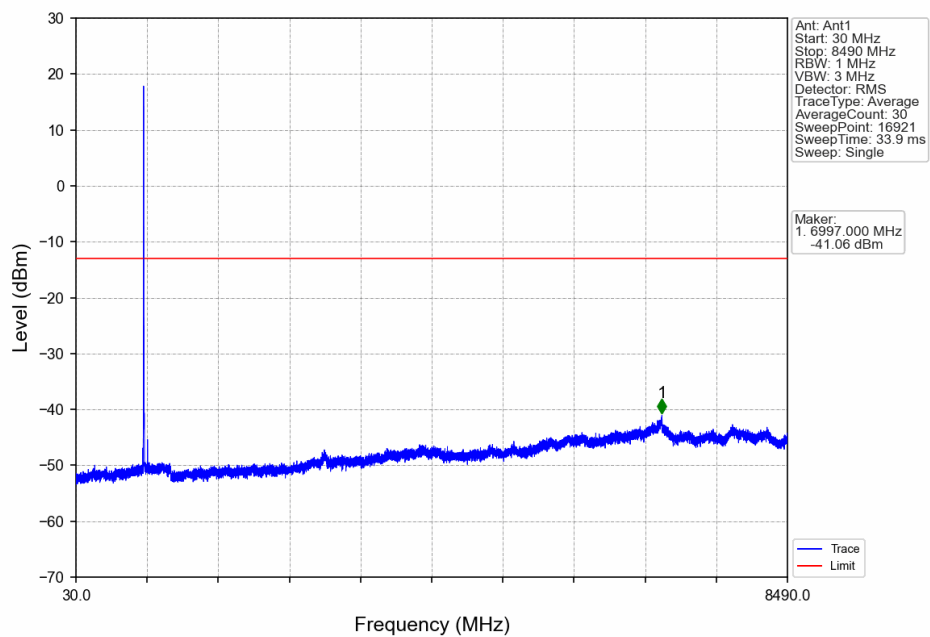


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



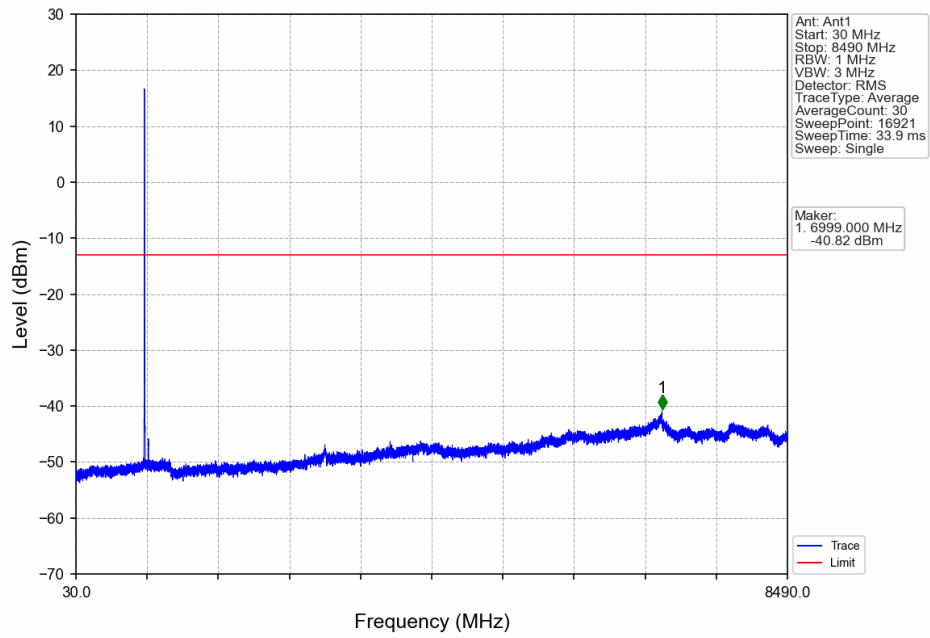
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.480	-35.52	-13	Pass
823	824	0.05	/	2	823.020	-36.64	-13	Pass
824	829	0.05	/	/	/	/	/	/

Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

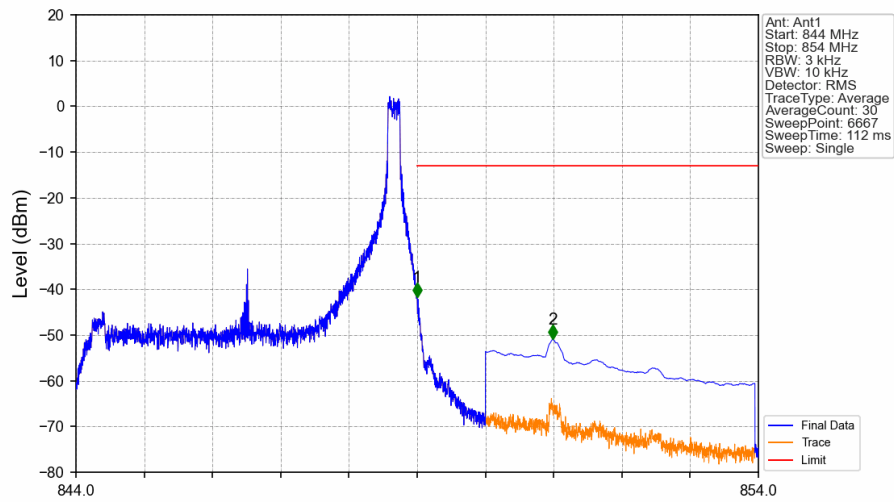




Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



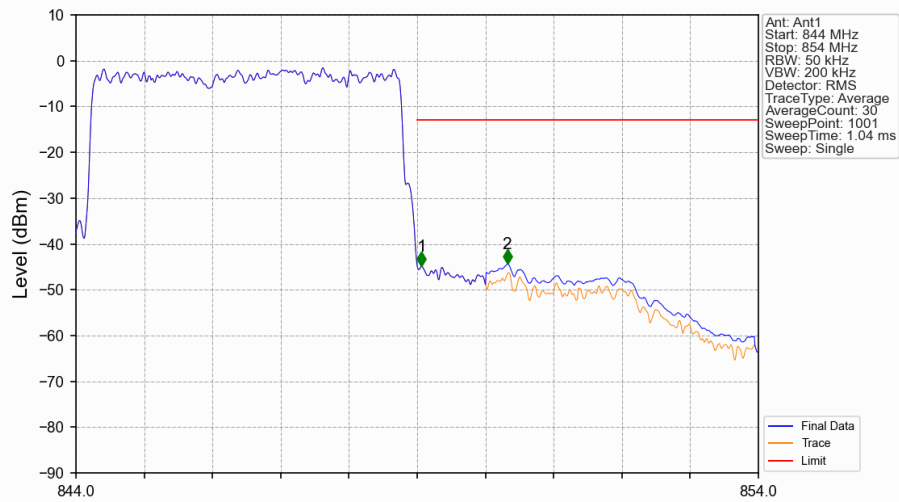
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	1	849.000	-41.77	-13	/
849	850	0.003	/	2	850.983	-50.95	-13	Pass
850	854	0.1	CHP					Pass

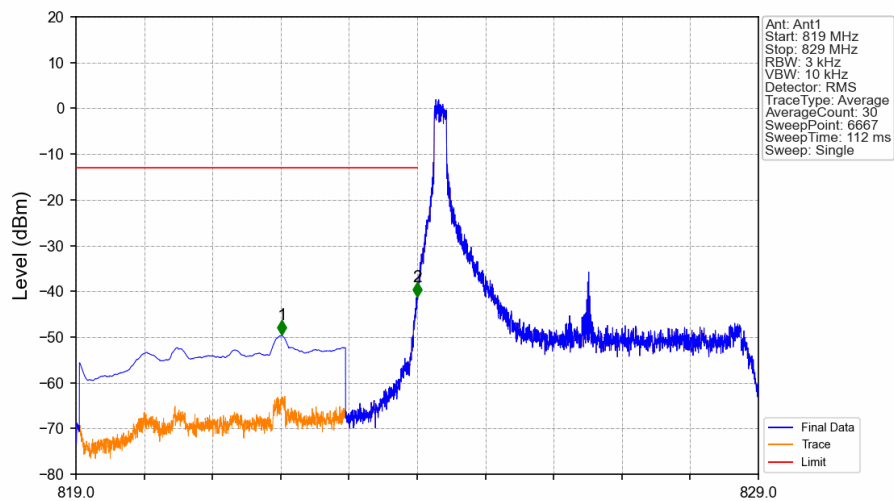


Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05	/	/	/	/	/	/
849	850	0.05	/	1	849.060	-44.84	-13	Pass
850	854	0.1	CHP	2	850.320	-44.32	-13	Pass

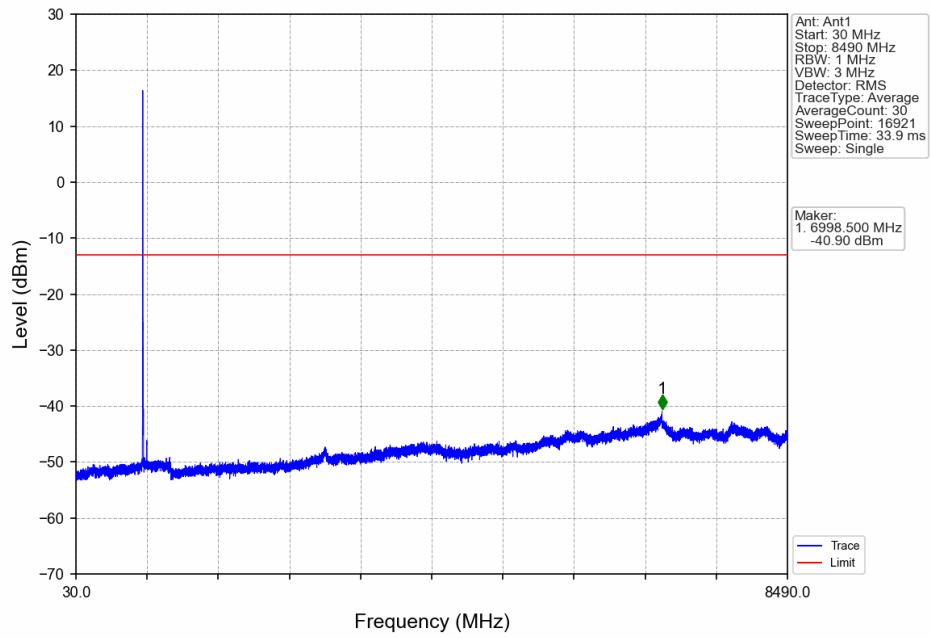
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



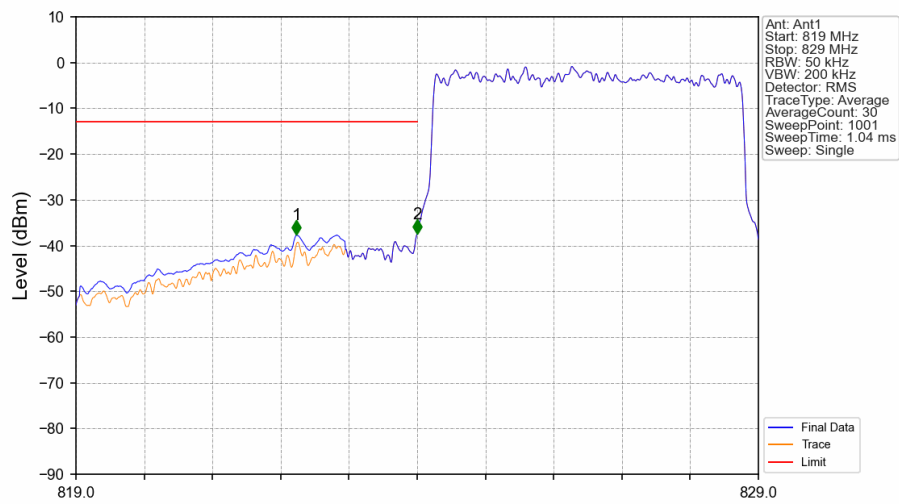
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.015	-49.56	-13	Pass
823	824	0.003	/	2	823.999	-41.17	-13	Pass
824	829	0.003	/	/	/	/	/	/



Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



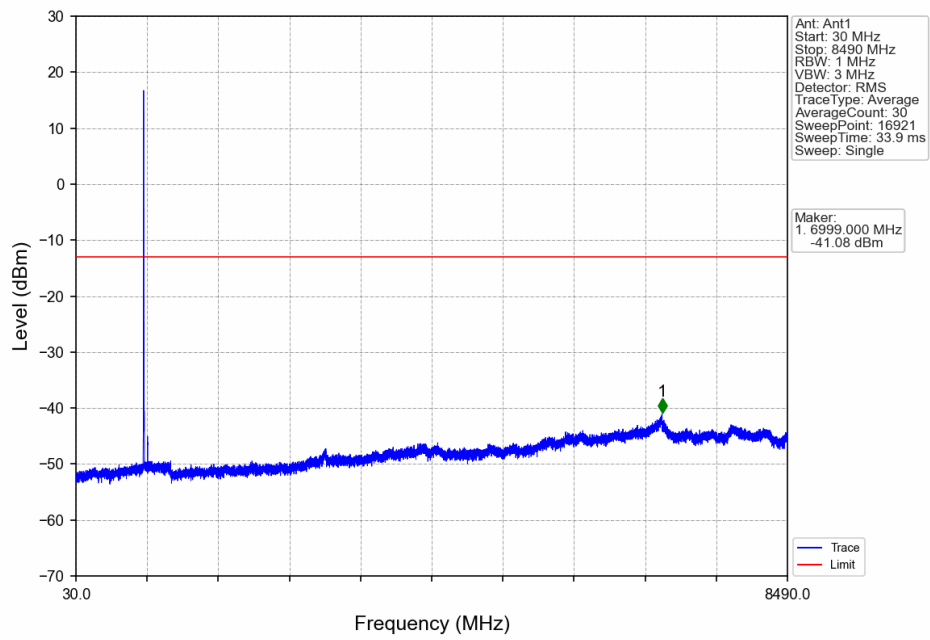
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



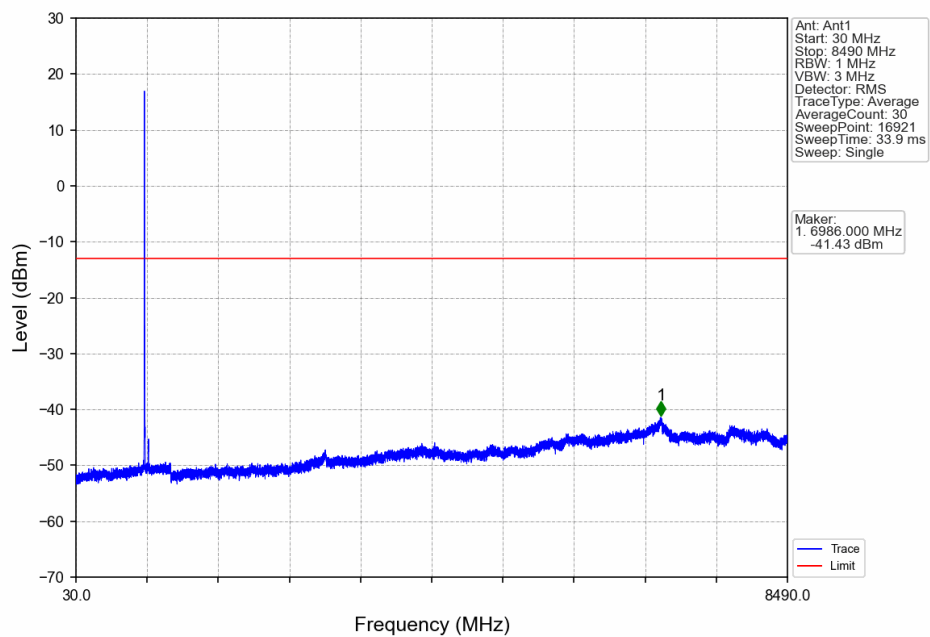
Frequency (MHz)								
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.230	-37.64	-13	Pass
823	824	0.05	/	2	824.000	-37.42	-13	Pass
824	829	0.05	/	/	/	/	/	/



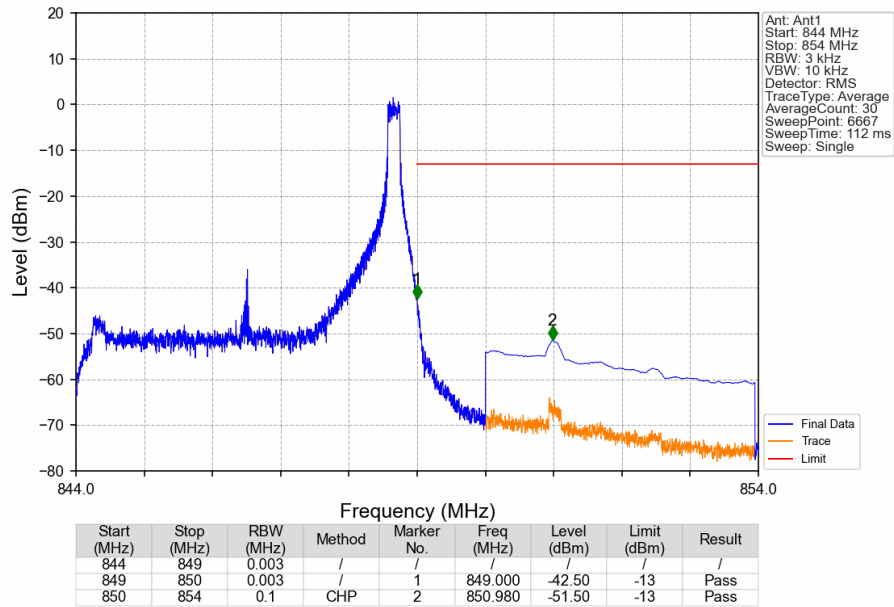
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



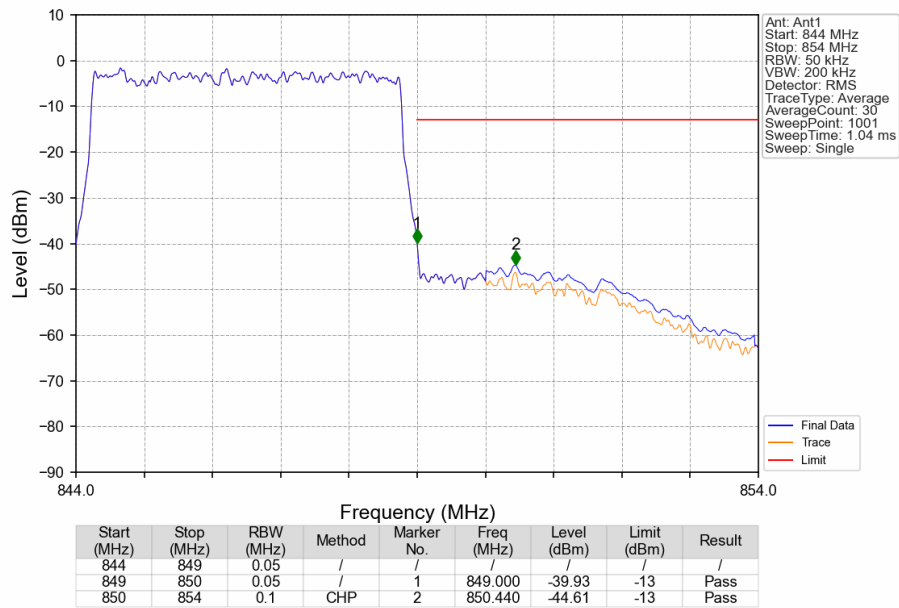
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV





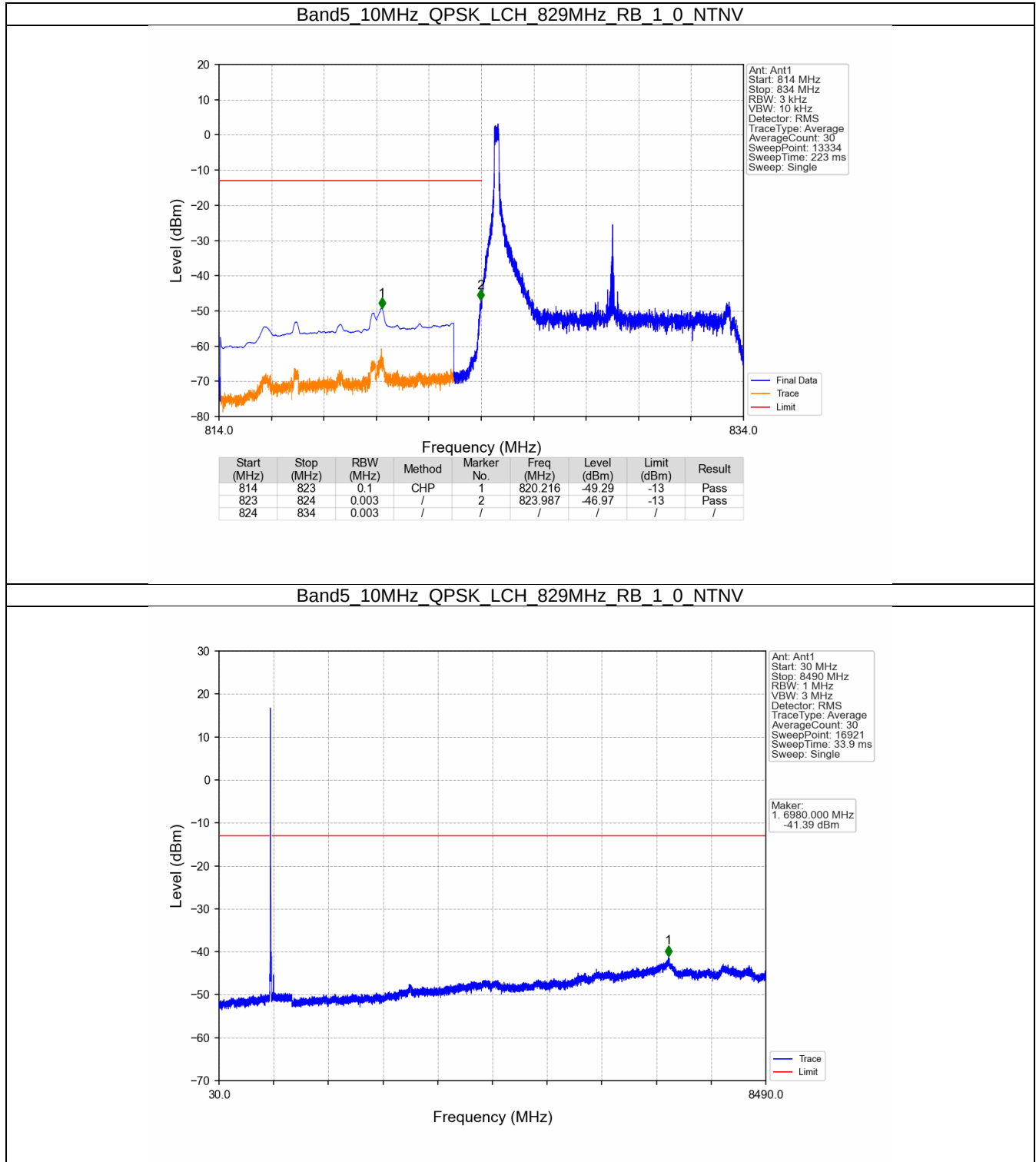
6.4 B5_10MHz

6.4.1 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

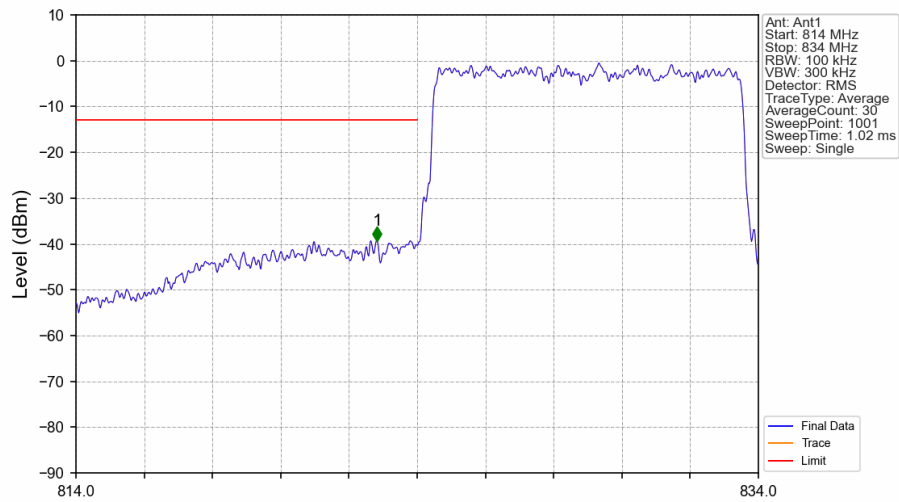


6.4.2 Test Graph



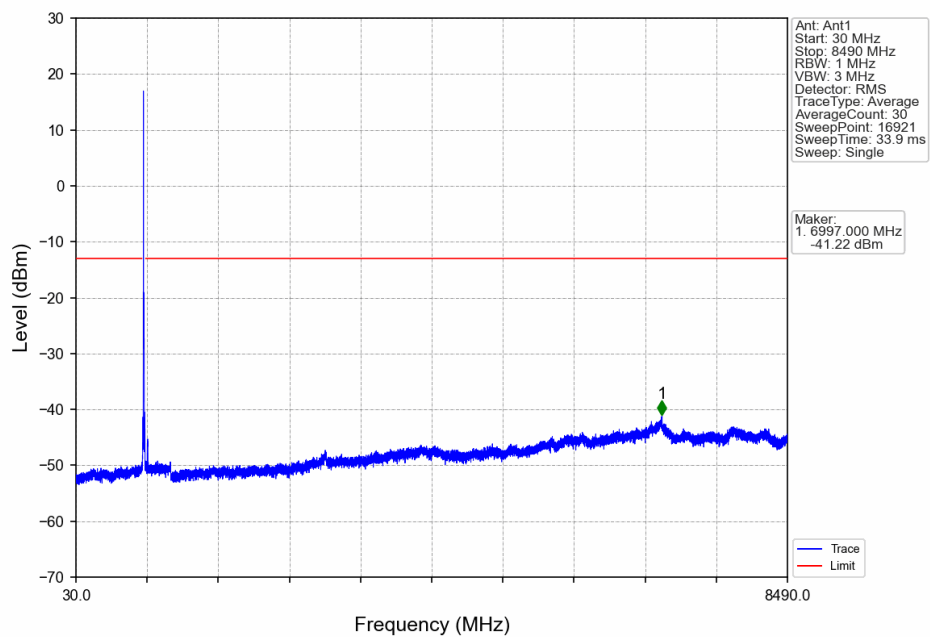


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



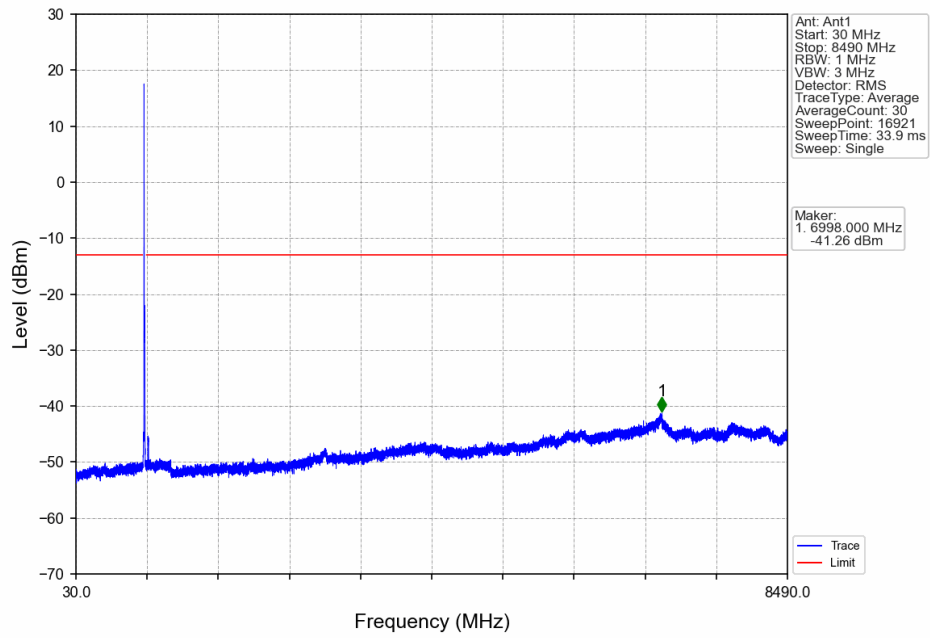
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	822.820	-39.31	-13	Pass
824	834	0.1	/	/	/	/	/	/

Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

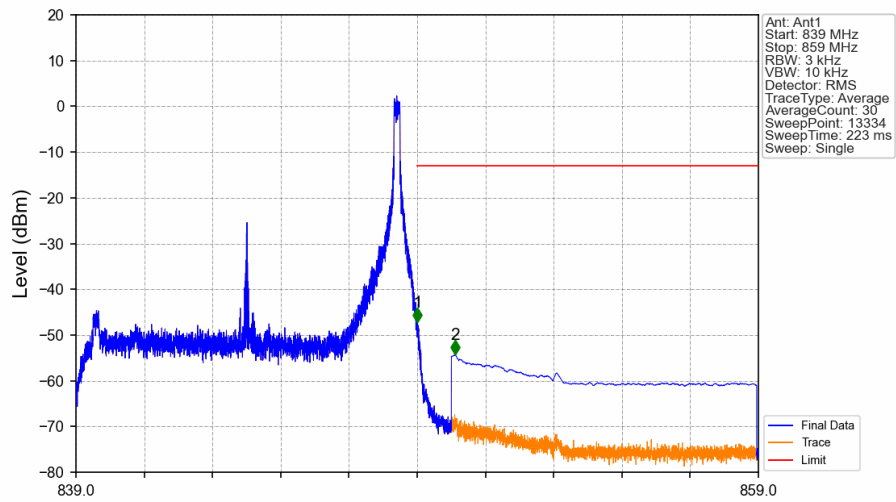




Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



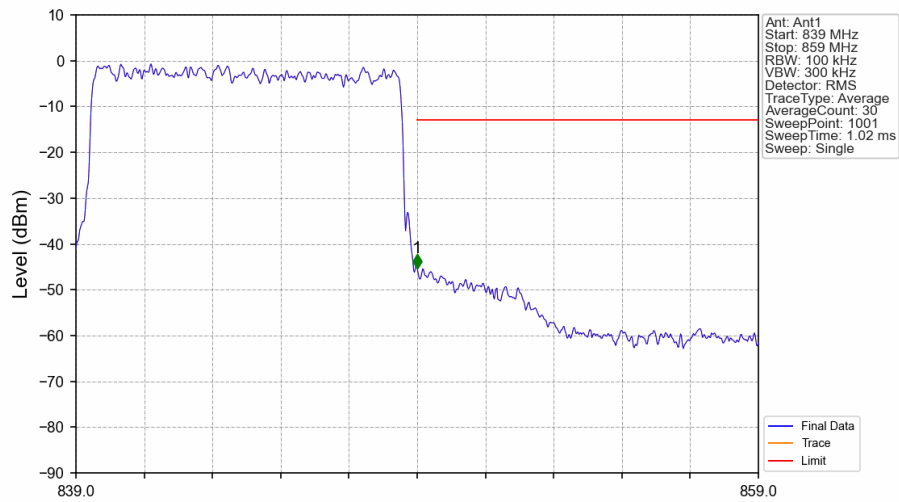
Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	1	849.010	-47.26	-13	/
849	850	0.003	/	2	850.117	-54.32	-13	Pass
850	859	0.1	CHP					Pass

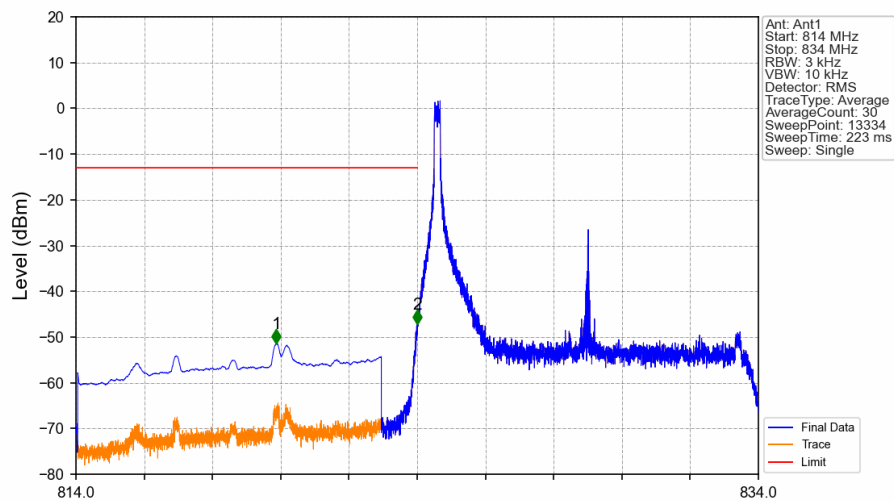


Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.000	-45.31	-13	Pass

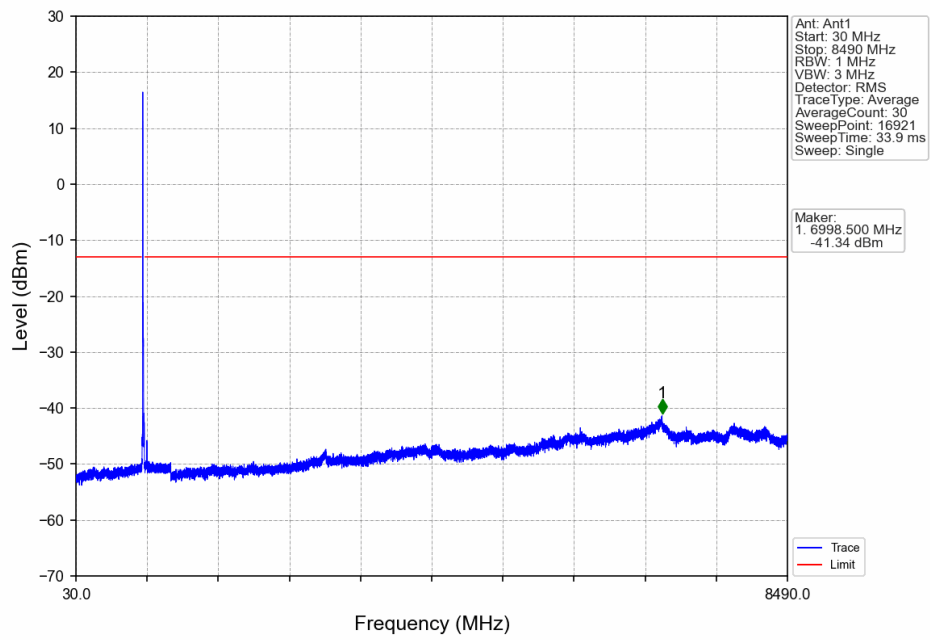
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



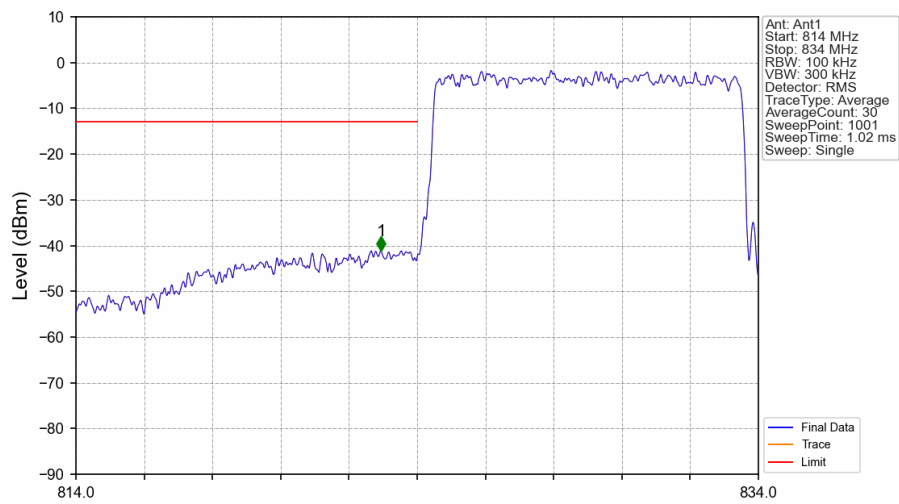
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	819.873	-51.42	-13	Pass
823	824	0.003	/	2	823.999	-47.19	-13	Pass
824	834	0.003	/	/	/	/	/	/



Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



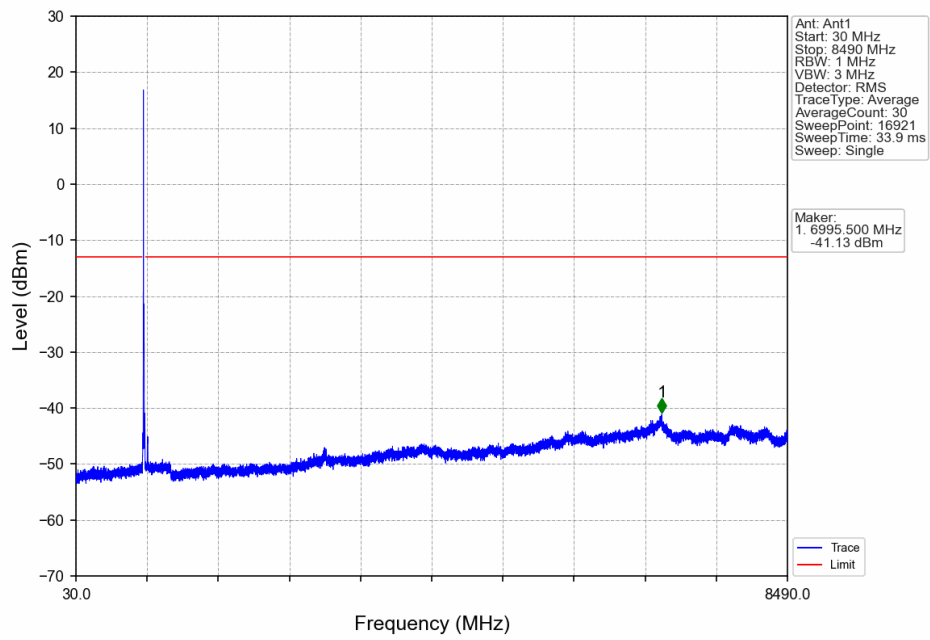
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



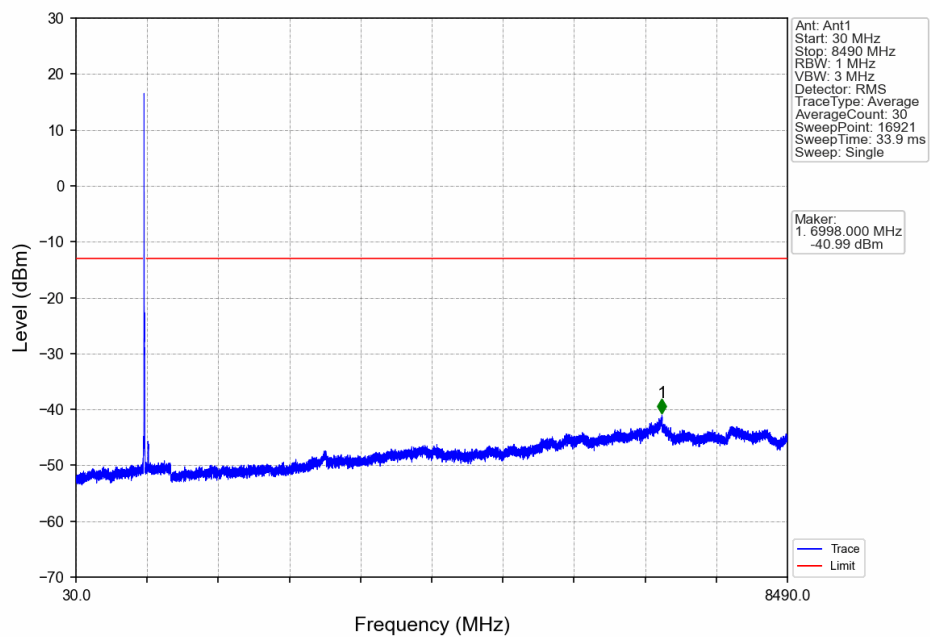
Frequency (MHz)								
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	822.940	-41.15	-13	Pass
824	834	0.1	/	/	/	/	/	/



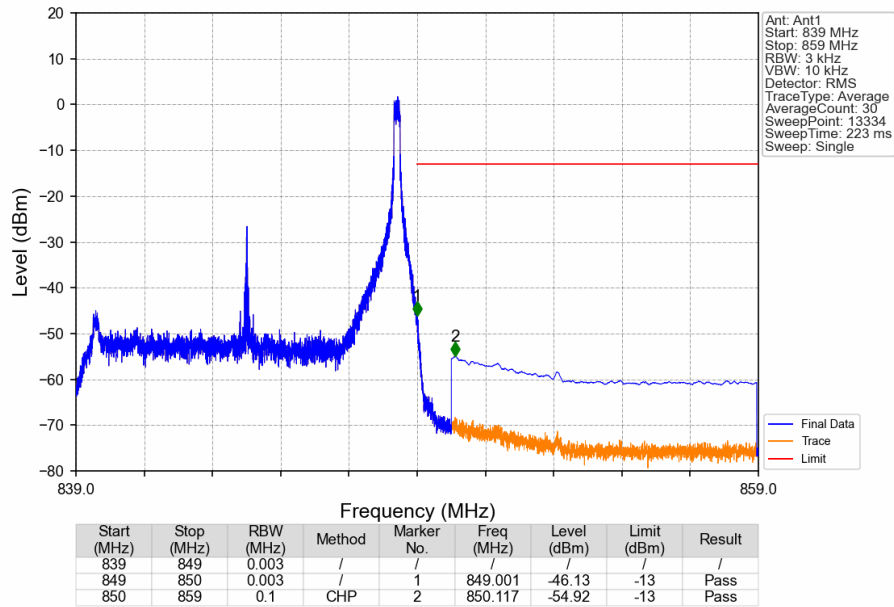
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



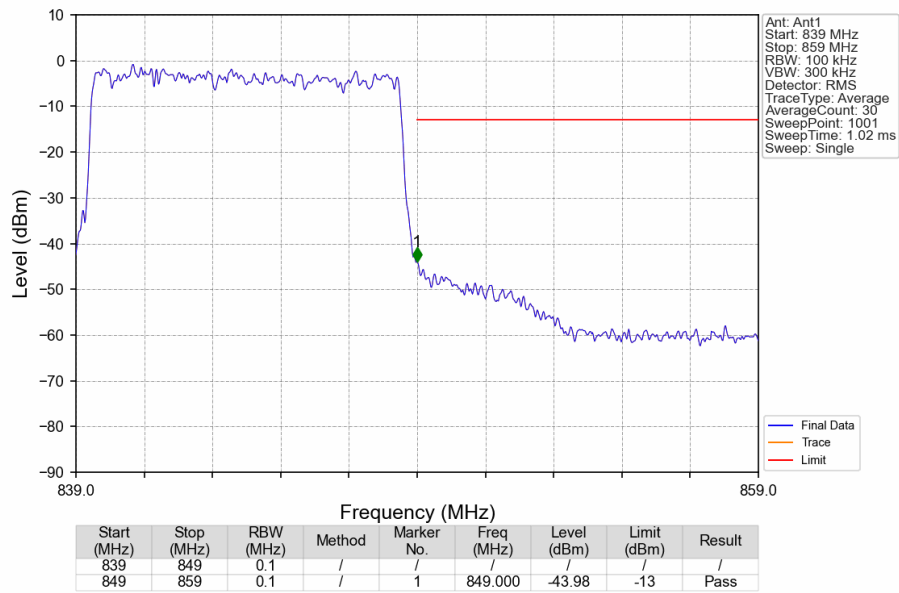
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



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



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





7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
5	1.4	824.7	848.3	0.2249	0.0108	ppm	1M11G7D	22H	23.52
5	1.4	824.7	848.3	0.1832	0.0130	ppm	1M10W7D	22H	22.63
5	3	825.5	847.5	0.2178	0.0114	ppm	2M74G7D	22H	23.38
5	3	825.5	847.5	0.1950	0.0128	ppm	2M72W7D	22H	22.90
5	5	826.5	846.5	0.2307	0.0117	ppm	4M52G7D	22H	23.63
5	5	826.5	846.5	0.1936	0.0129	ppm	4M53W7D	22H	22.87
5	10	829	844	0.2270	0.0095	ppm	9M05G7D	22H	23.56
5	10	829	844	0.2037	0.0098	ppm	9M02W7D	22H	23.09

7.2 Form731_ERP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
5	1.4	824.7	848.3	0.2023	0.0108	ppm	1M11G7D	22H	23.06
5	1.4	824.7	848.3	0.1648	0.0130	ppm	1M10W7D	22H	22.17
5	3	825.5	847.5	0.1959	0.0114	ppm	2M74G7D	22H	22.92
5	3	825.5	847.5	0.1754	0.0128	ppm	2M72W7D	22H	22.44
5	5	826.5	846.5	0.2075	0.0117	ppm	4M52G7D	22H	23.17
5	5	826.5	846.5	0.1742	0.0129	ppm	4M53W7D	22H	22.41
5	10	829	844	0.2042	0.0095	ppm	9M05G7D	22H	23.10
5	10	829	844	0.1832	0.0098	ppm	9M02W7D	22H	22.63