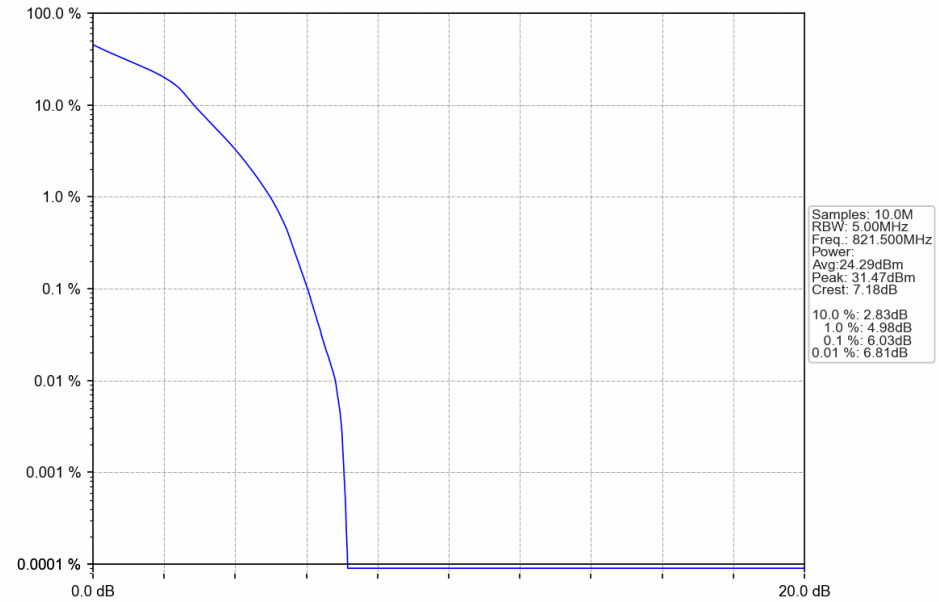
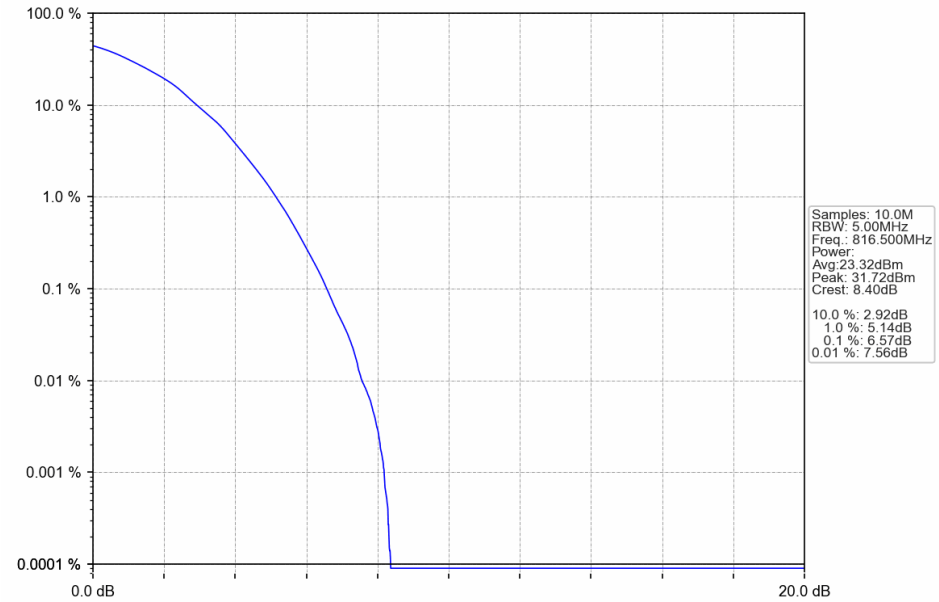
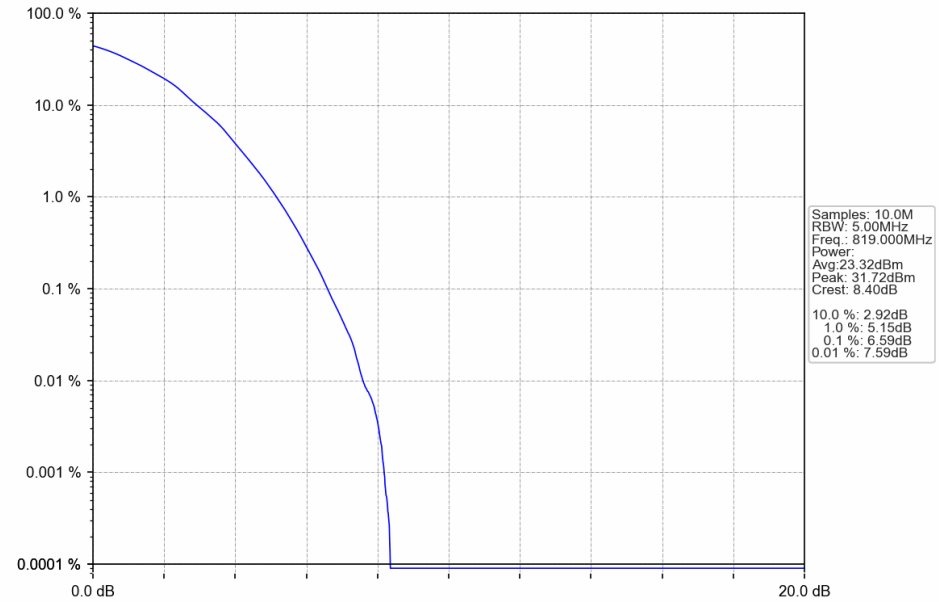
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



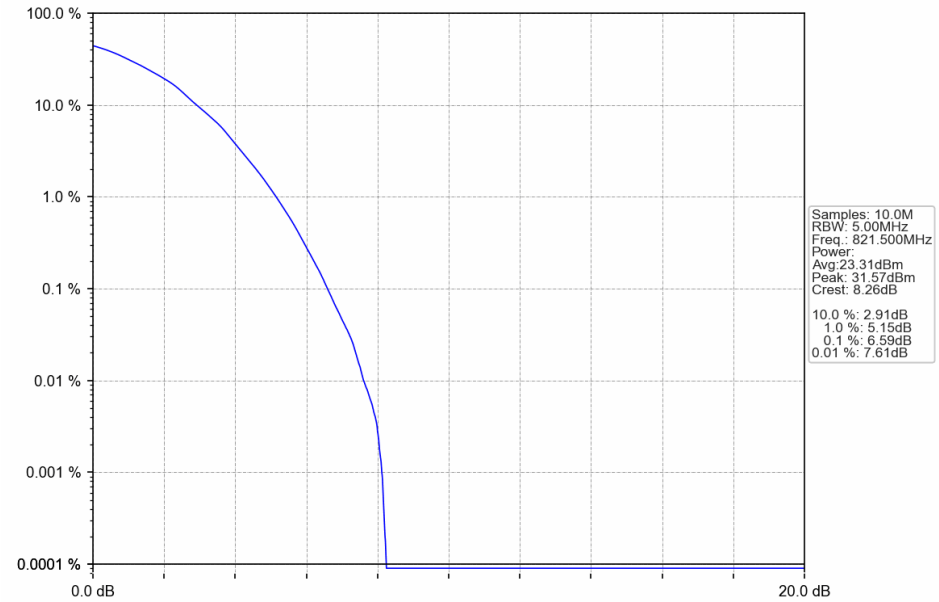
Band26a_5MHz_64QAM_LCH_816.5MHz_RB_25_0_NTNV



Band26a_5MHz_64QAM_MCH_819MHz_RB_25_0_NTNV



Band26a_5MHz_64QAM_HCH_821.5MHz_RB_25_0_NTNV



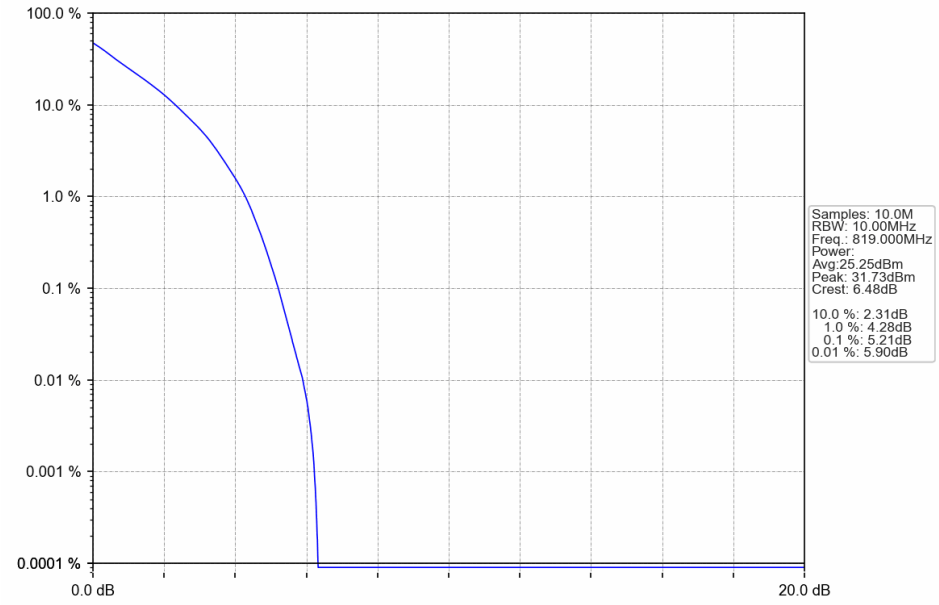
3.4 B26a_10MHz

3.4.1 Test Result

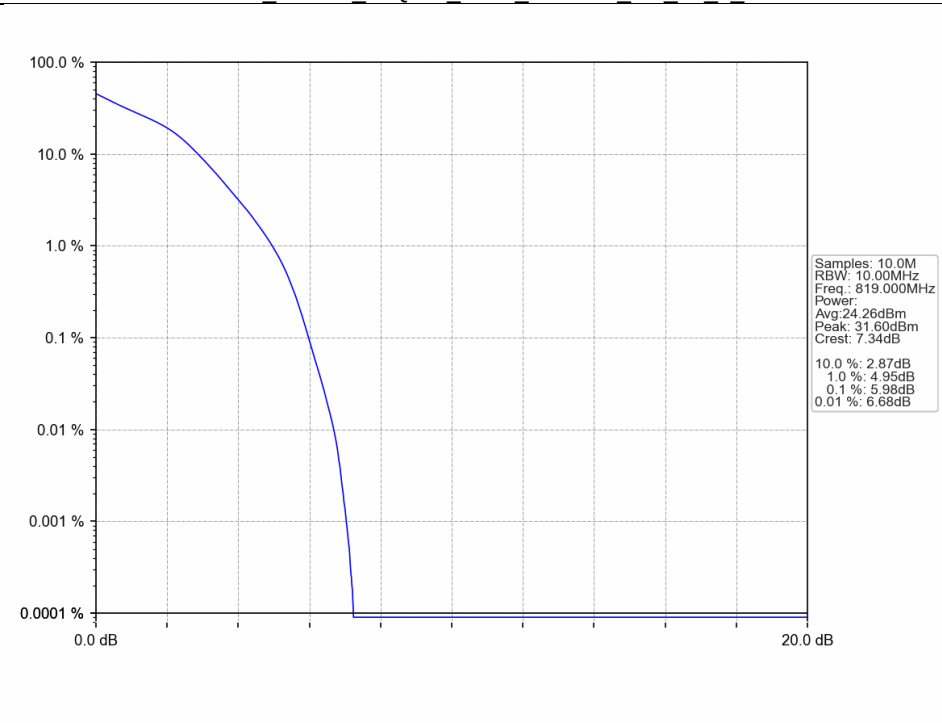
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.21	<=13	Pass
16QAM	819	50	0	5.98	<=13	Pass
64QAM	819	50	0	6.52	<=13	Pass

3.4.2 Test Graph

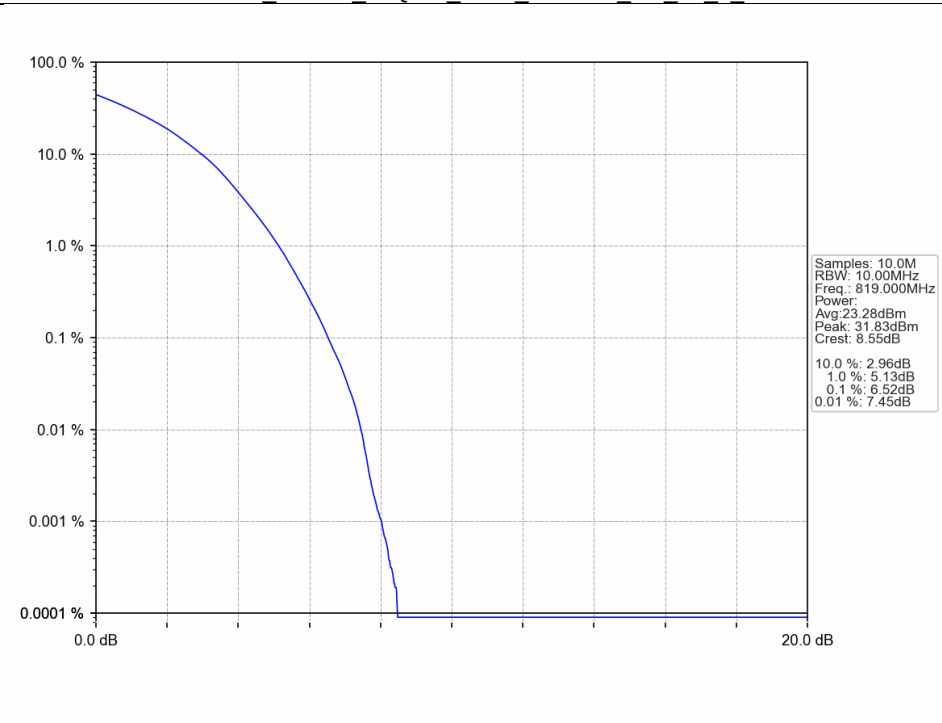
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_64QAM_MCH_819MHz_RB_50_0_NTNV



4. Spurious Emission & Band Edges

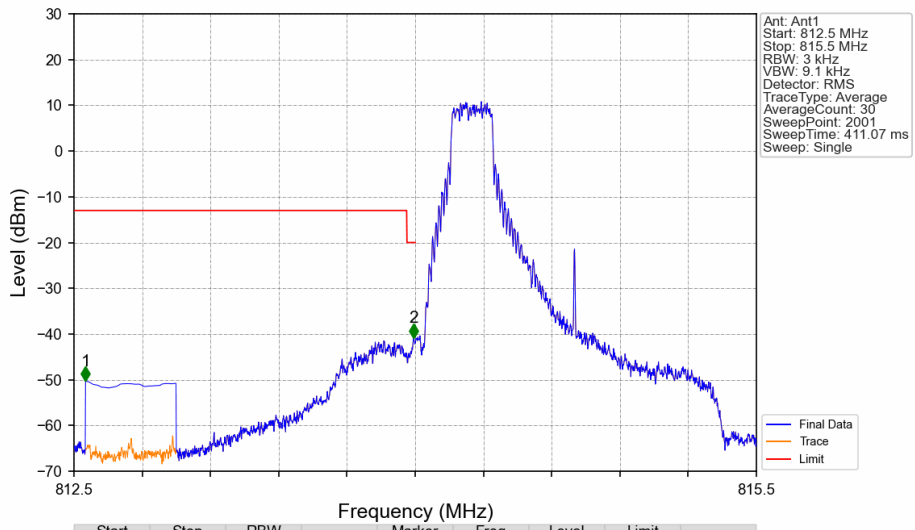
4.1 B26a_1.4MHz

4.1.1 Test Result

Band: 26a / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	814.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	823.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	814.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	823.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
64QAM	814.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	823.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

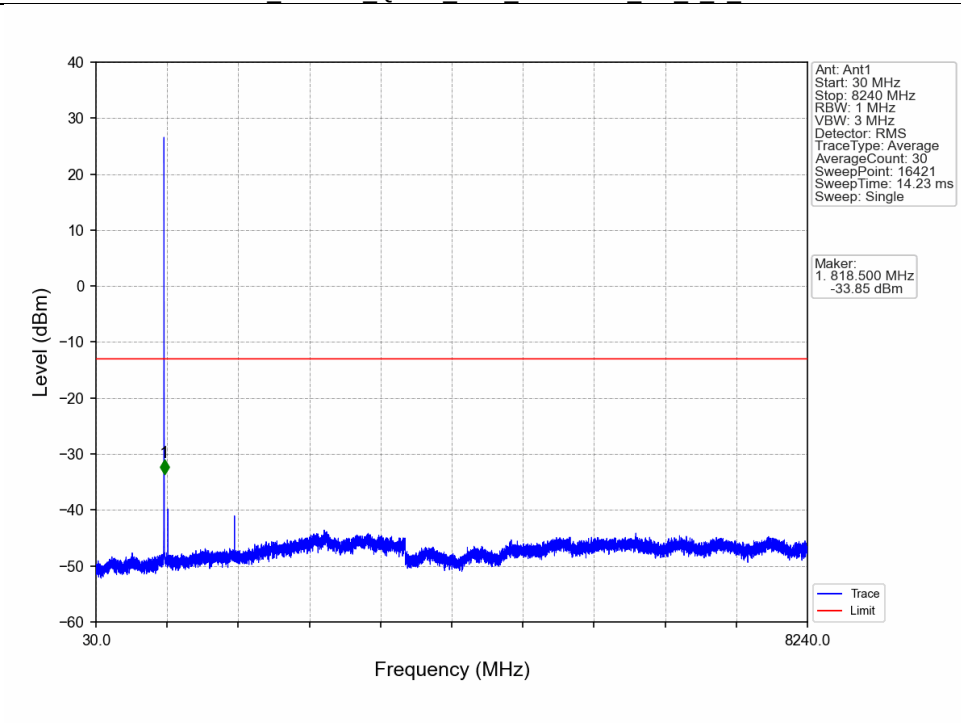
4.1.2 Test Graph

Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_1_0_NTNV

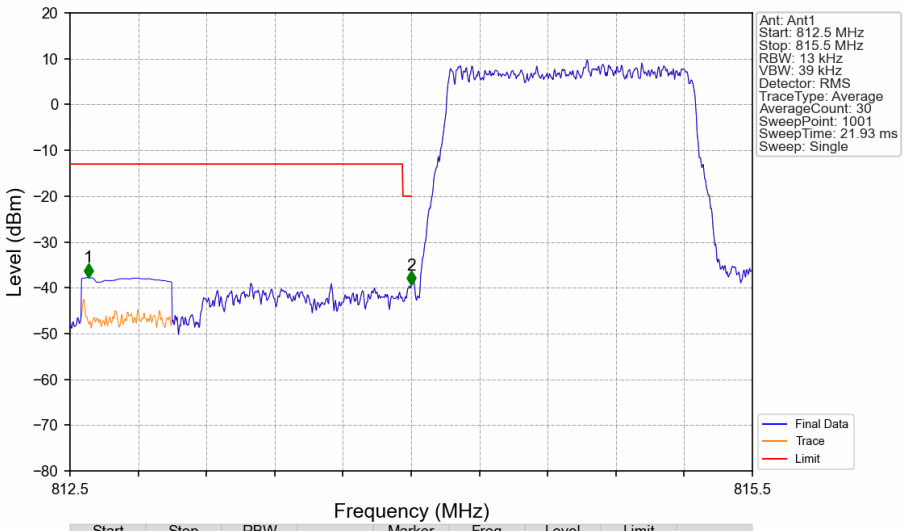


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813	0.1	CHP	1	812.551	-50.30	-13	Pass
813	814	0.003	/	2	813.992	-40.82	-20	Pass
814	815.5	0.003	/	/	/	/	/	/

Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_1_0_NTNV

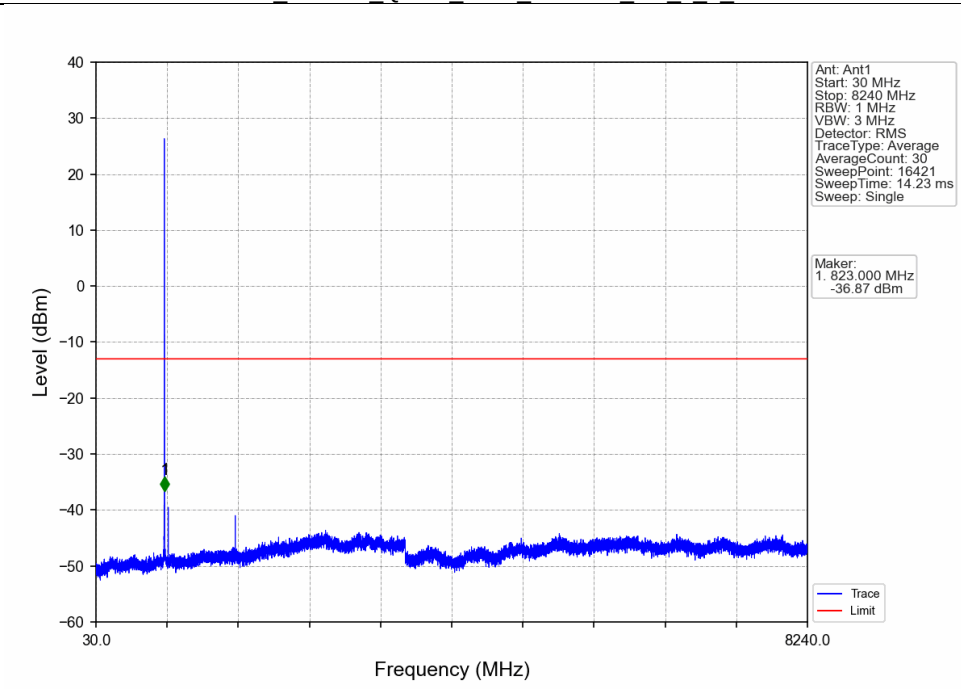


Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV

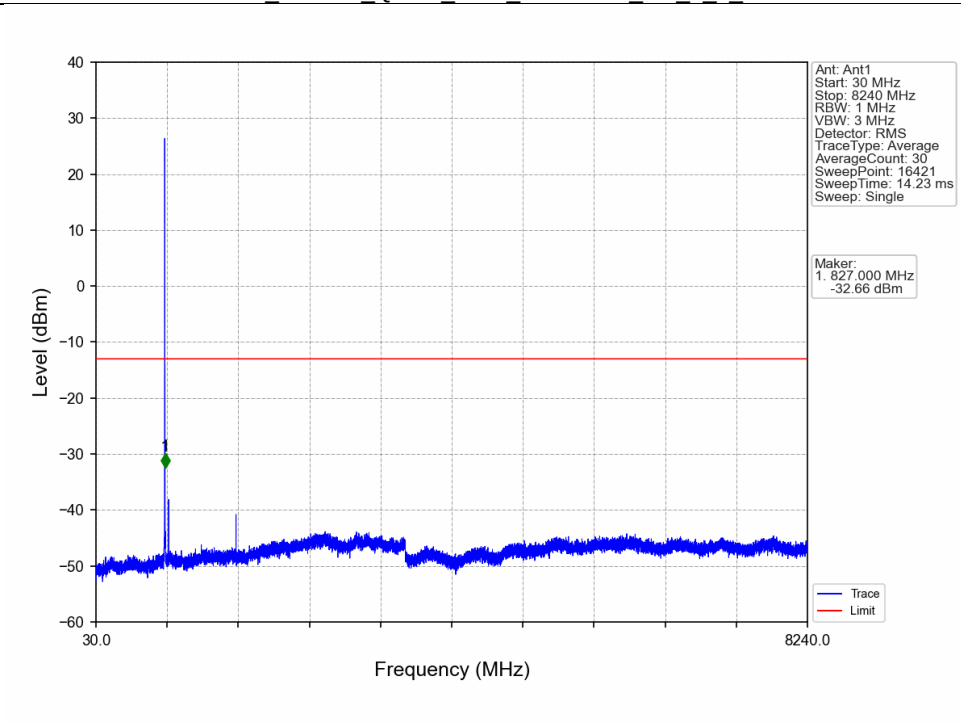


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813	0.1	CHP	1	812.581	-37.78	-13	Pass
813	814	0.013	/	2	814.000	-39.49	-20	Pass
814	815.5	0.013	/	/	/	/	/	/

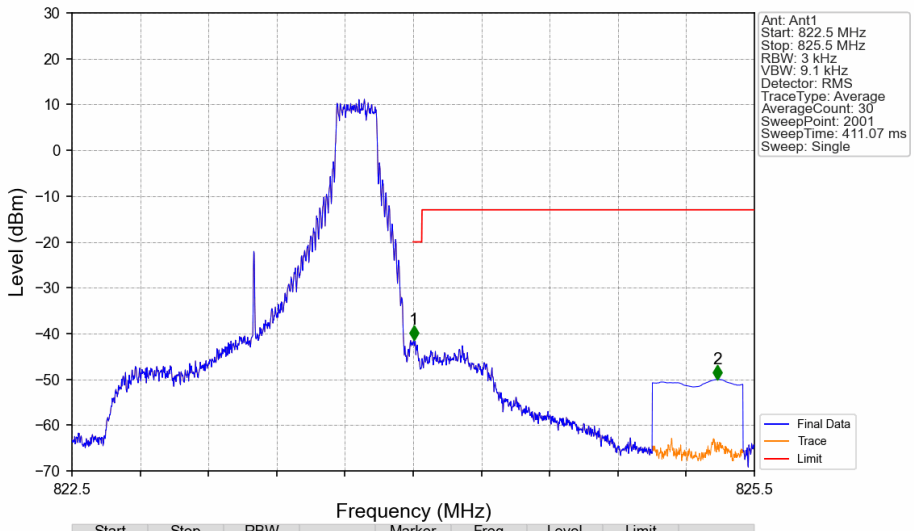
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_0_NTNV

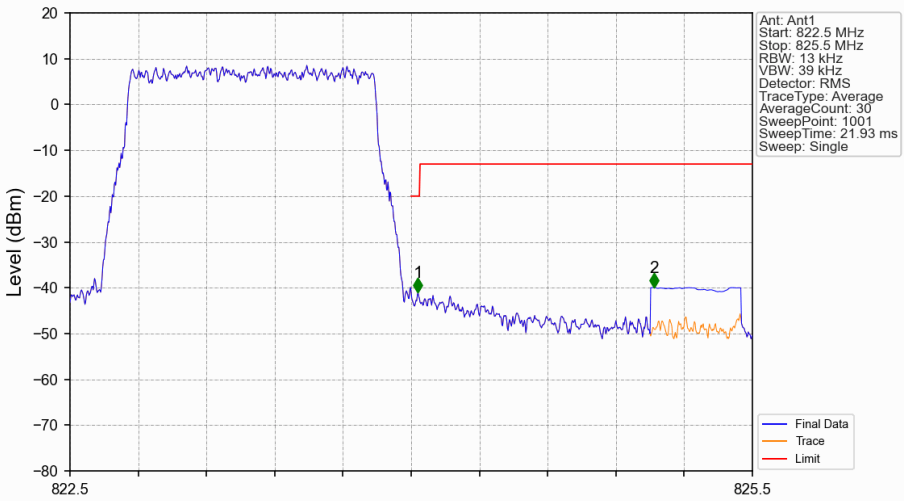


Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_5_NTNV



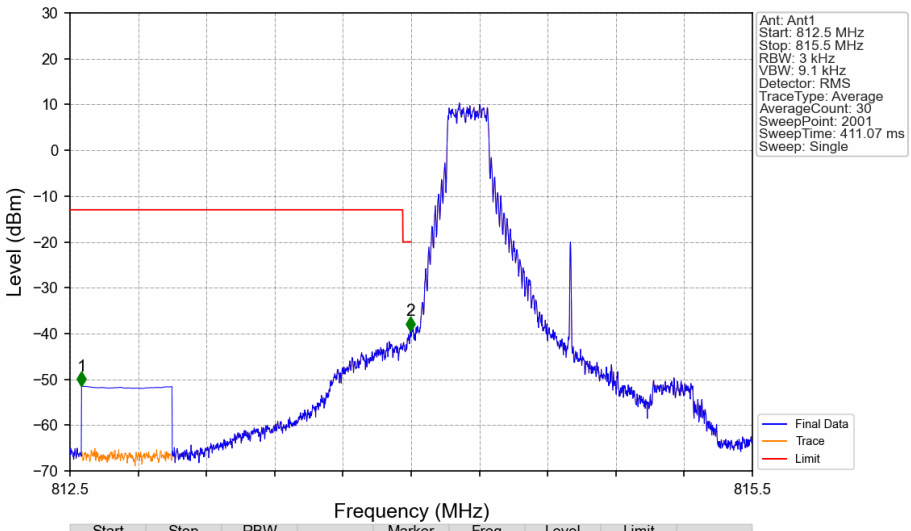
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.003	-41.33	-20	Pass
825	825.5	0.1	CHP	2	825.337	-50.01	-13	Pass

Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



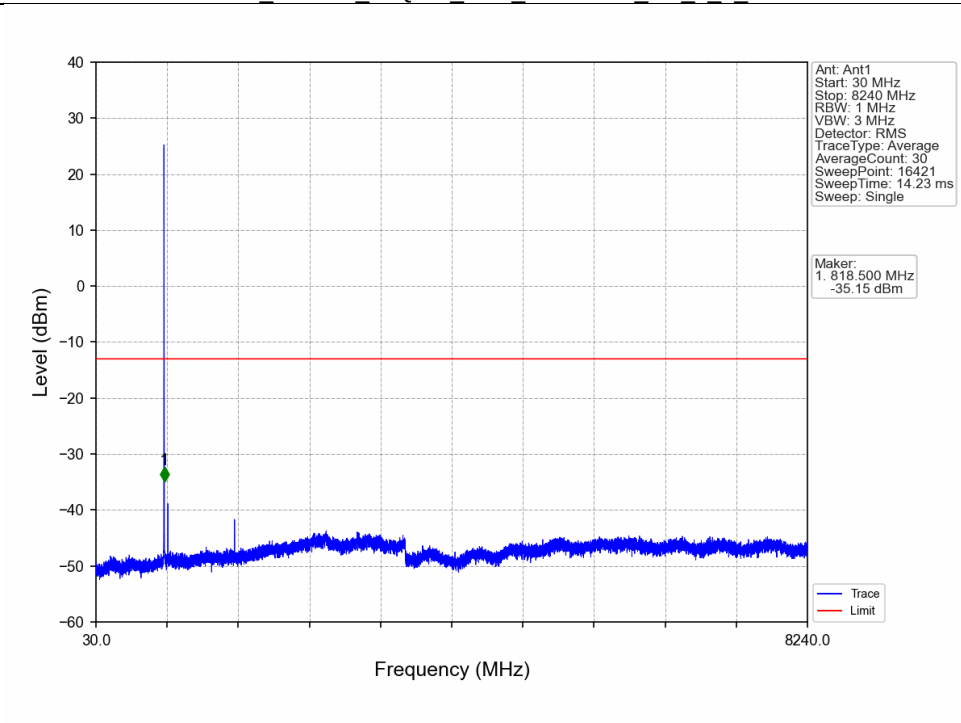
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.013	/	/	/	/	/	/
824	825	0.013	/	1	824.030	-41.00	-20	Pass
825	825.5	0.1	CHP	2	825.068	-39.94	-13	Pass

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_1_0_NTNV

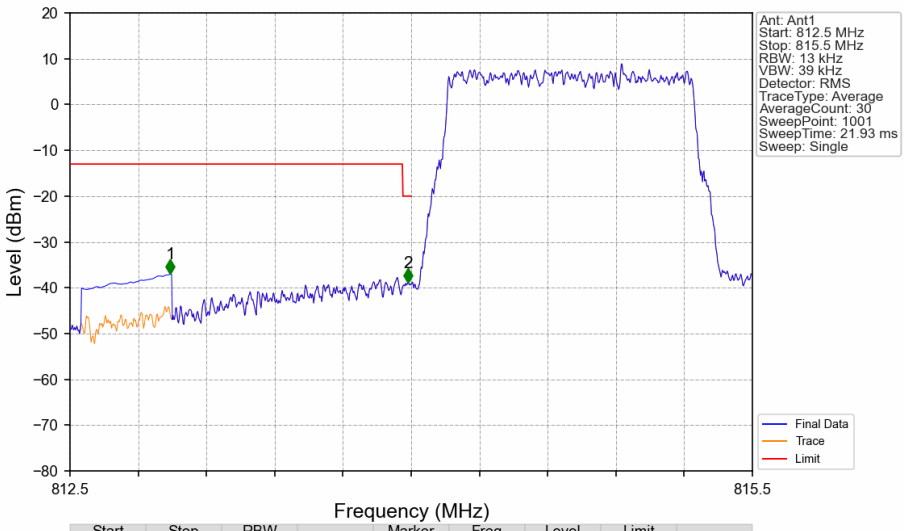


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813	0.1	CHP	1	812.551	-51.49	-13	Pass
813	814	0.003	/	2	813.995	-39.40	-20	Pass
814	815.5	0.003	/	/	/	/	/	/

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_1_0_NTNV

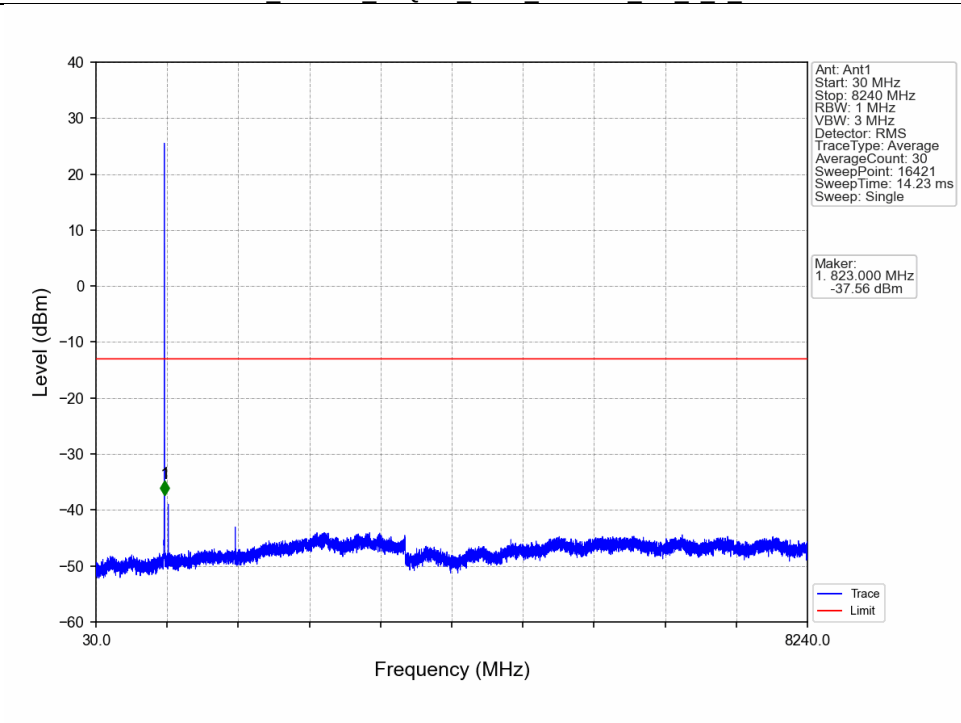


Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV

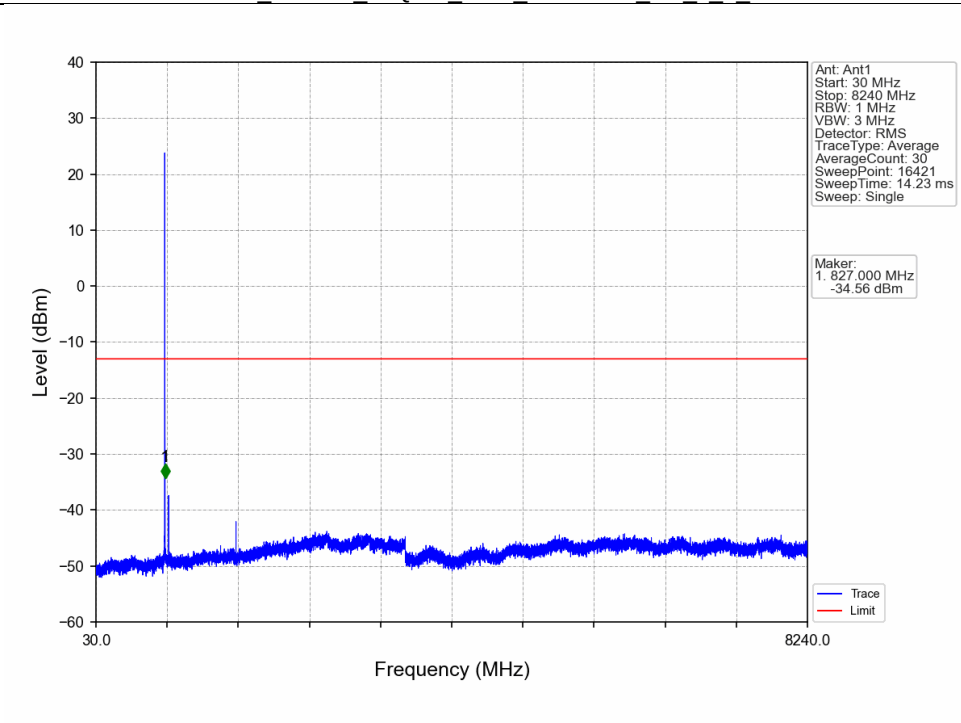


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813	0.1	CHP	1	812.941	-37.04	-13	Pass
813	814	0.013	/	2	813.985	-38.94	-20	Pass
814	815.5	0.013	/	/	/	/	/	/

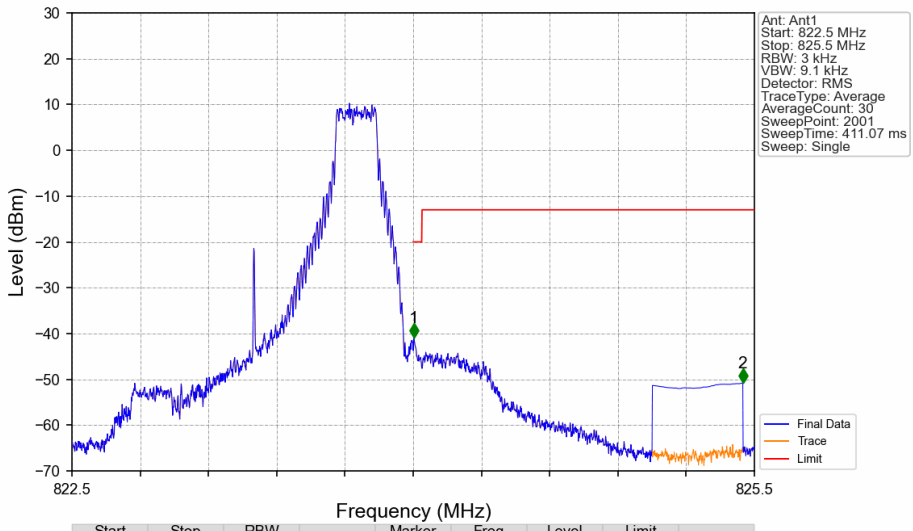
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_1_0_NTNV



Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_1_0_NTNV

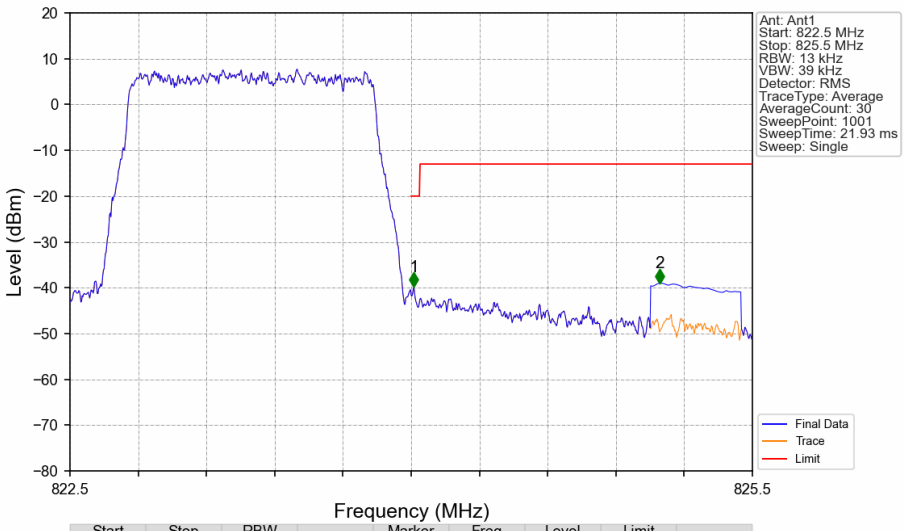


Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_1_5_NTNV



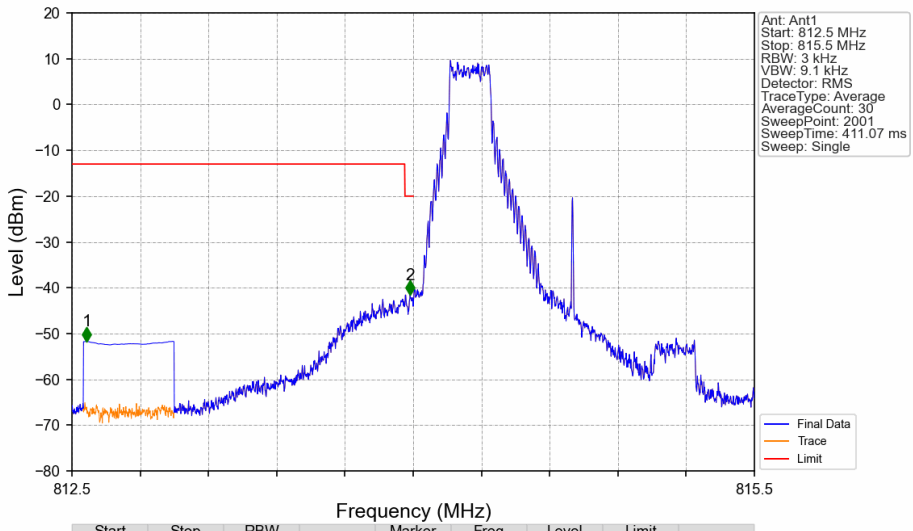
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.003	-40.89	-20	Pass
825	825.5	0.1	CHP	2	825.449	-50.82	-13	Pass

Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



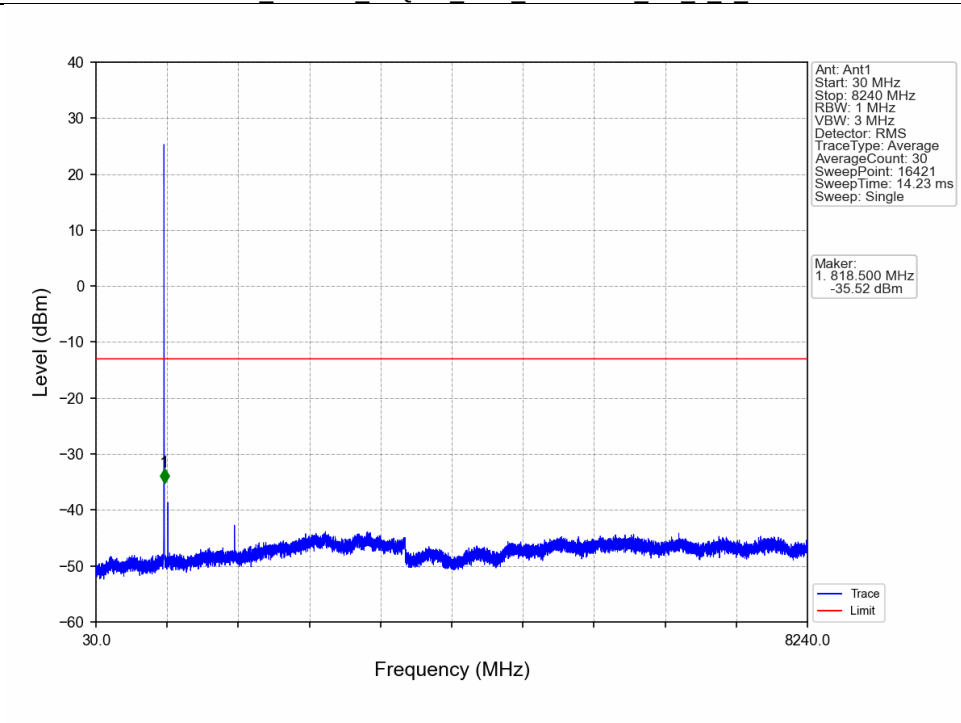
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.013	/	/	/	/	/	/
824	825	0.013	/	1	824.012	-39.81	-20	Pass
825	825.5	0.1	CHP	2	825.092	-39.02	-13	Pass

Band26a_1.4MHz_64QAM_LCH_814.7MHz_RB_1_0_NTNV

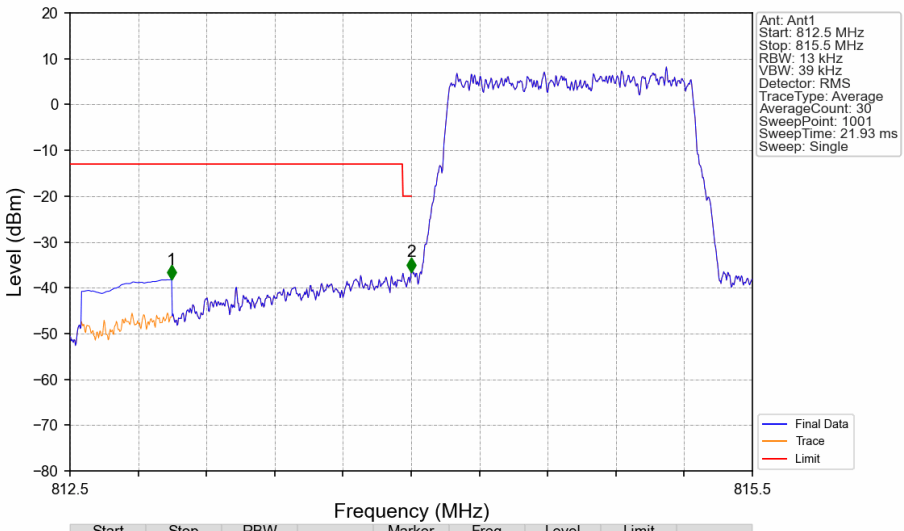


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813	0.1	CHP	1	812.564	-51.71	-13	Pass
813	814	0.003	/	2	813.986	-41.53	-20	Pass
814	815.5	0.003	/	/	/	/	/	/

Band26a_1.4MHz_64QAM_LCH_814.7MHz_RB_1_0_NTNV

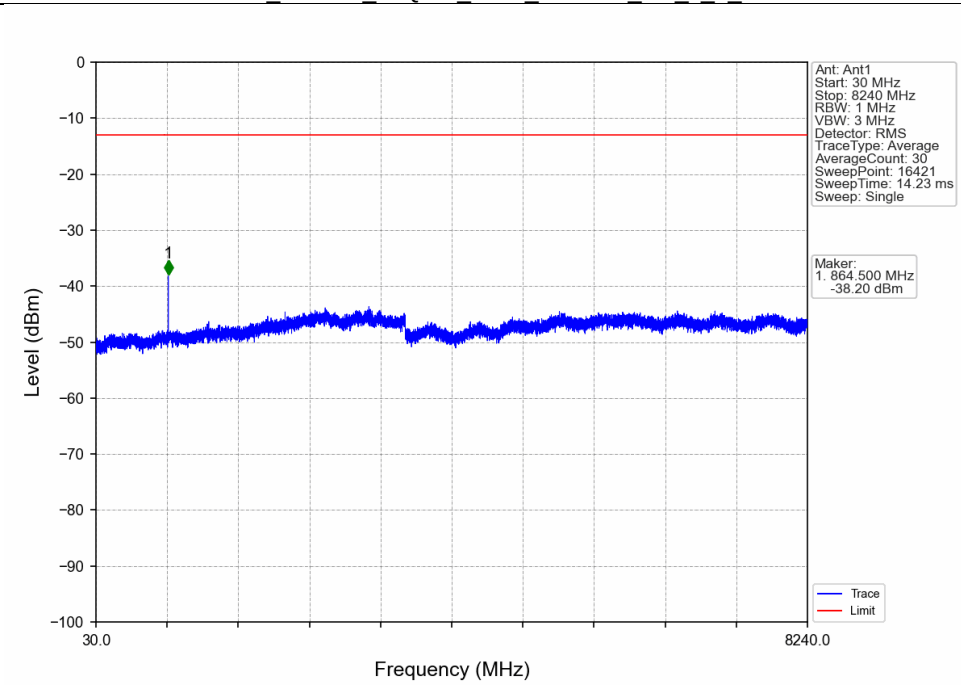


Band26a_1.4MHz_64QAM_LCH_814.7MHz_RB_6_0_NTNV

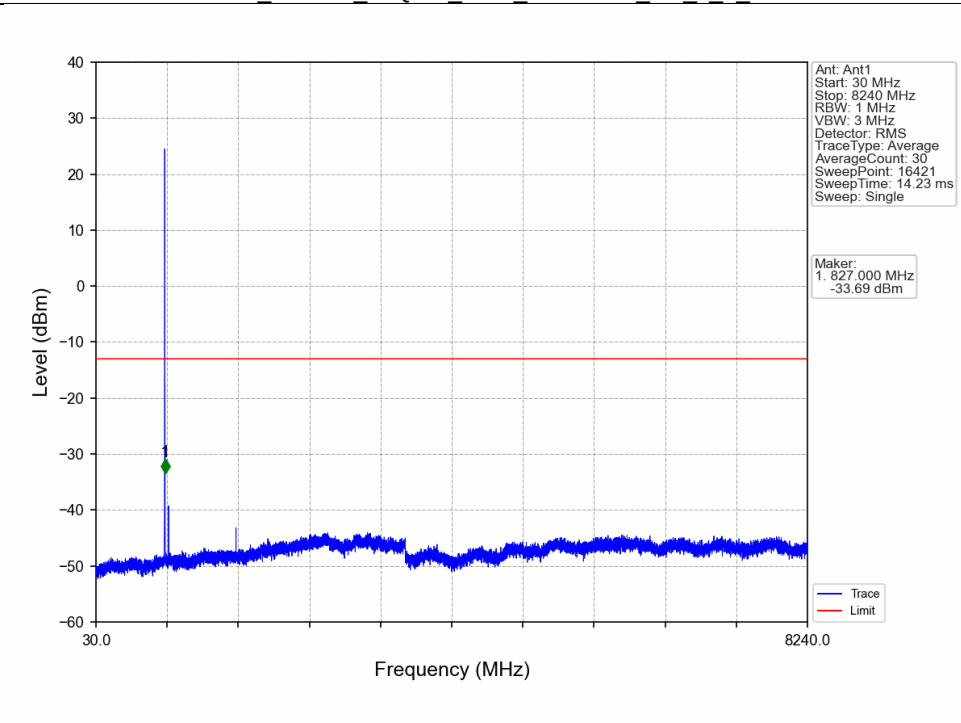


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813	0.1	CHP	1	812.947	-38.15	-13	Pass
813	814	0.013	/	2	814.000	-36.54	-20	Pass
814	815.5	0.013	/	/	/	/	/	/

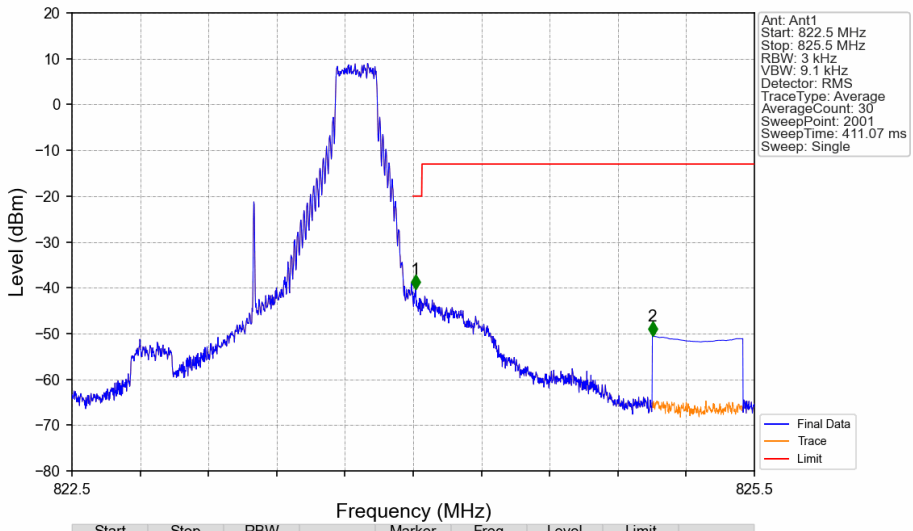
Band26a_1.4MHz_64QAM_MCH_819MHz_RB_1_0_NTNV



Band26a_1.4MHz_64QAM_HCH_823.3MHz_RB_1_0_NTNV

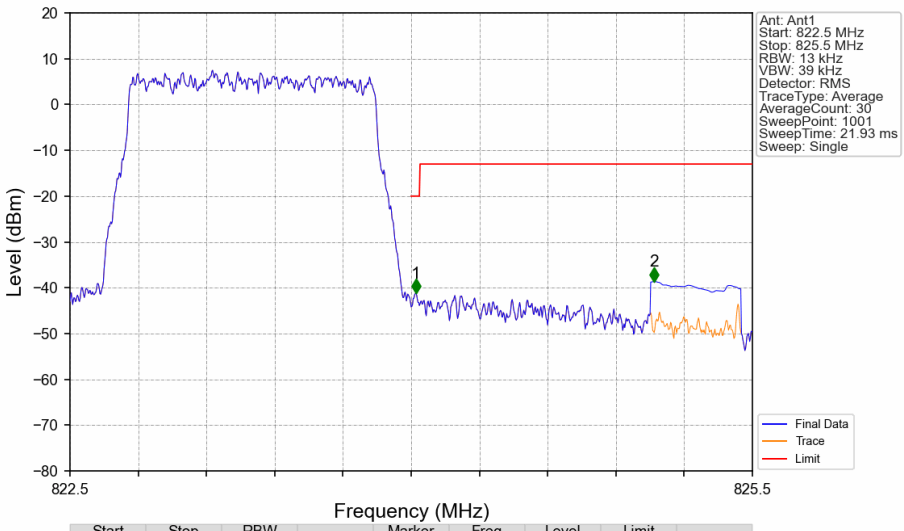


Band26a_1.4MHz_64QAM_HCH_823.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.010	-40.36	-20	Pass
825	825.5	0.1	CHP	2	825.052	-50.57	-13	Pass

Band26a_1.4MHz_64QAM_HCH_823.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.013	/	/	/	/	/	/
824	825	0.013	/	1	824.021	-41.25	-20	Pass
825	825.5	0.1	CHP	2	825.068	-38.67	-13	Pass

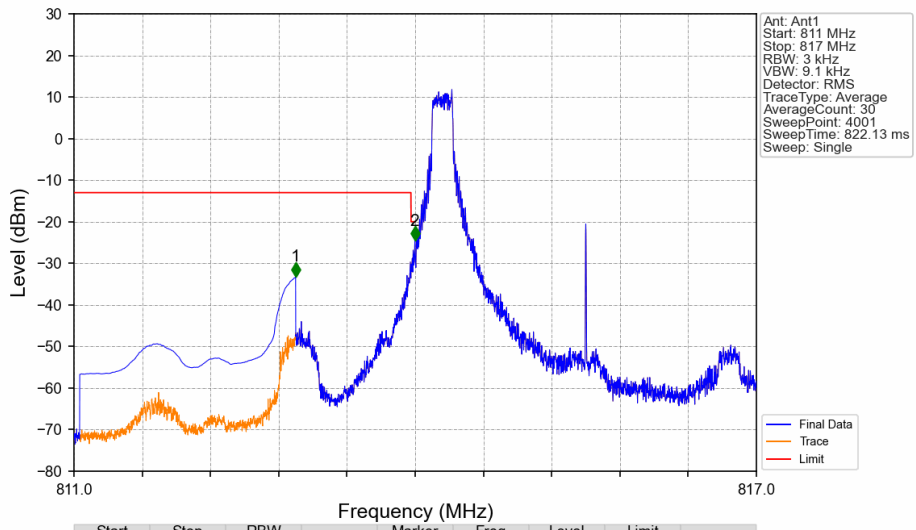
4.2 B26a_3MHz

4.2.1 Test Result

Band: 26a / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	822.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	815.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	822.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
64QAM	815.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	822.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

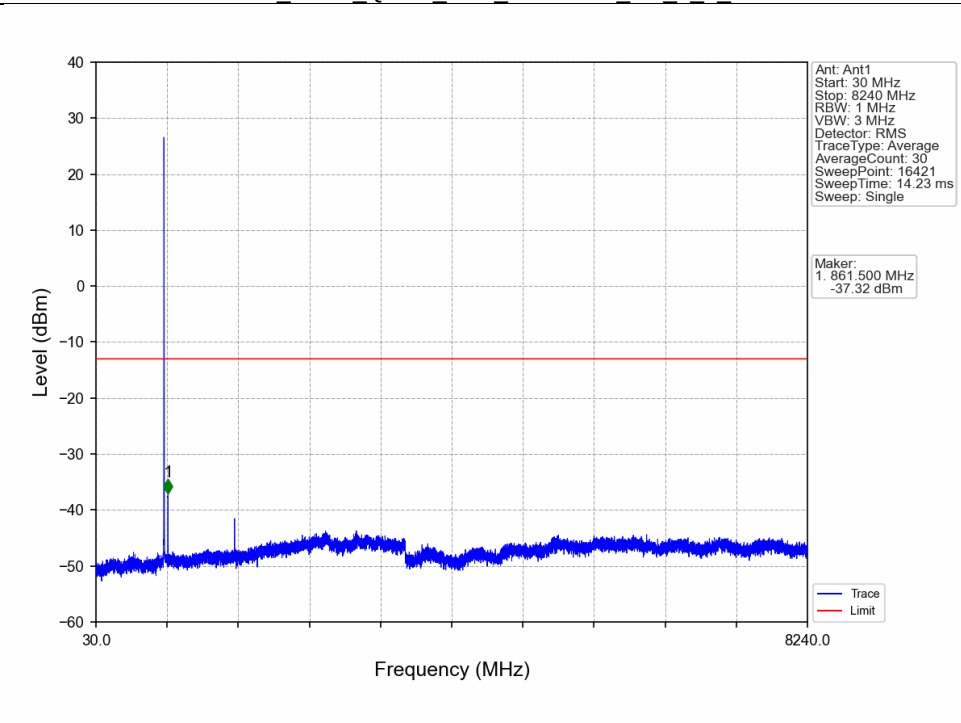
4.2.2 Test Graph

Band26a_3MHz_QPSK_LCH_815.5MHz_RB_1_0_NTNV

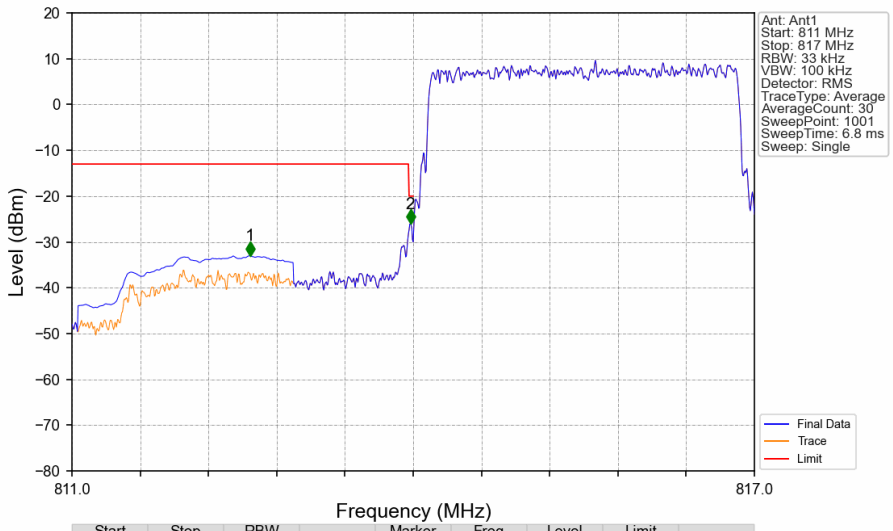


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.948	-33.17	-13	Pass
813	814	0.003	/	2	813.997	-24.49	-20	Pass
814	817	0.003	/	/	/	/	/	/

Band26a_3MHz_QPSK_LCH_815.5MHz_RB_1_0_NTNV

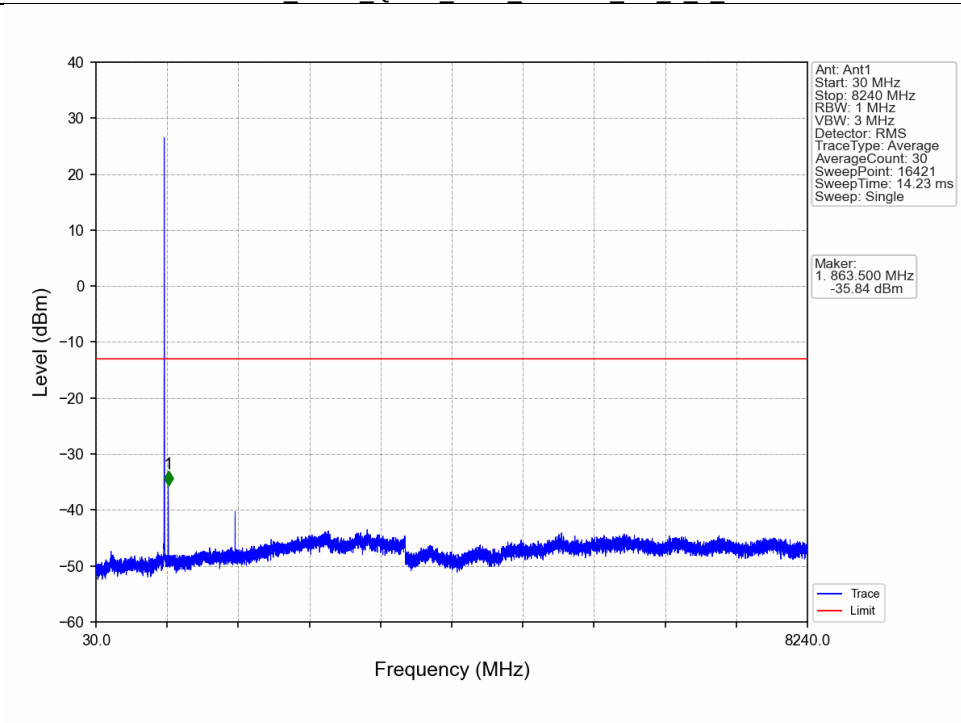


Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV

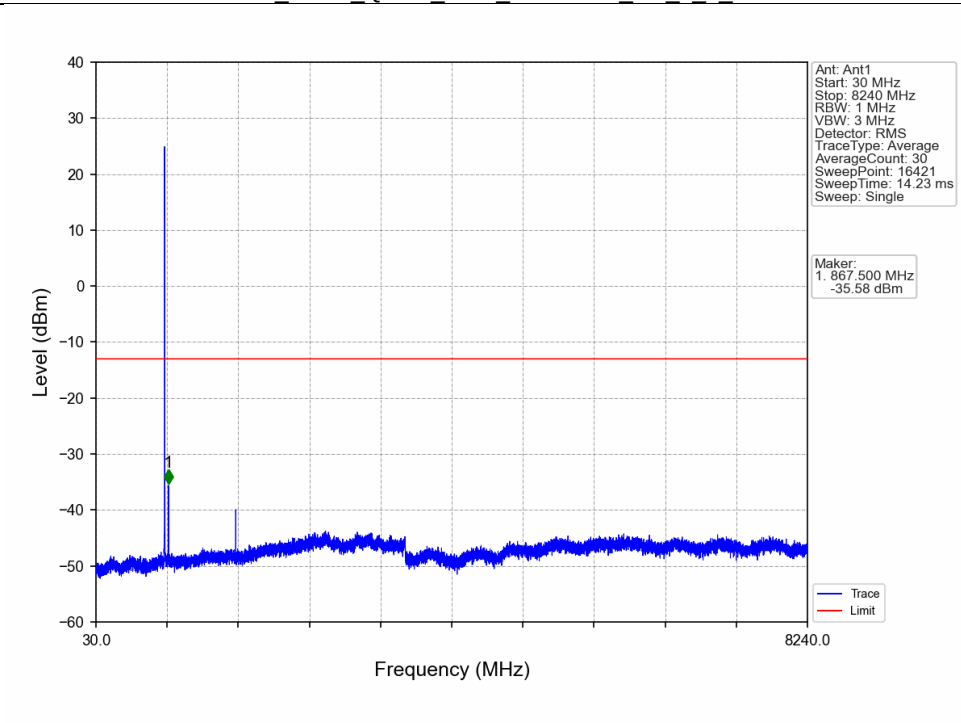


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.566	-33.00	-13	Pass
813	814	0.033	/	2	813.976	-26.05	-20	Pass
814	817	0.033	/	/	/	/	/	/

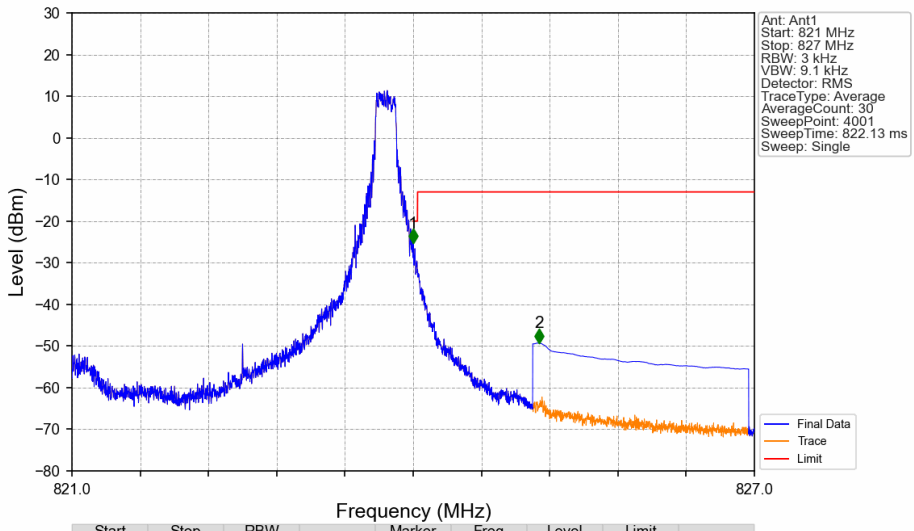
Band26a_3MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_0_NTNV

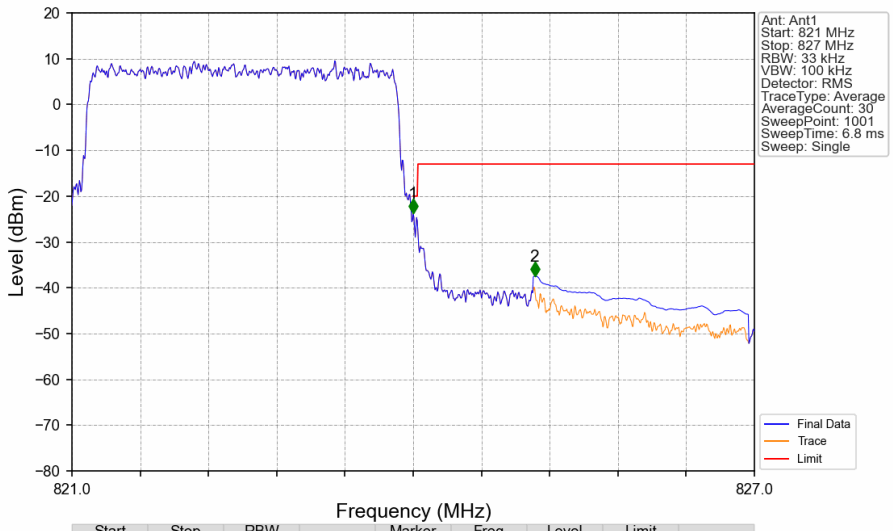


Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_14_NTNV



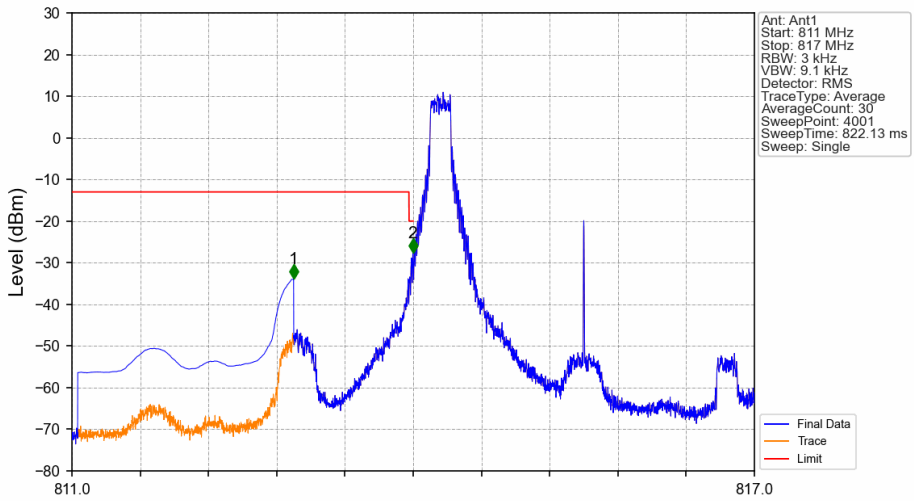
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.000	-25.31	-20	Pass
825	827	0.1	CHP	2	825.107	-49.25	-13	Pass

Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



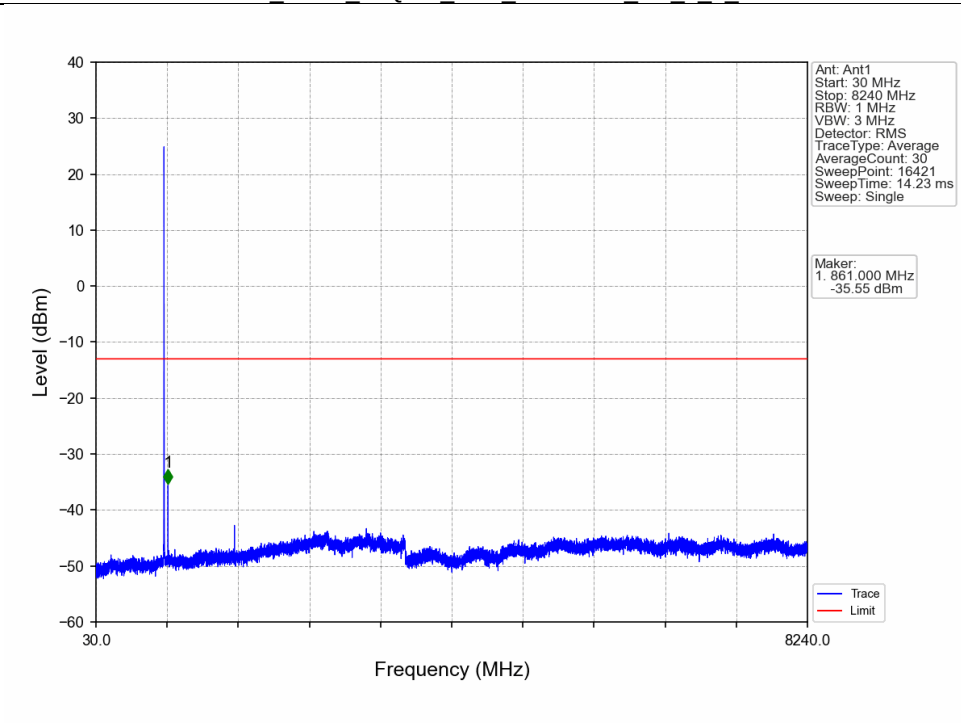
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.033	/	/	/	/	/	/
824	825	0.033	/	1	824.000	-23.78	-20	Pass
825	827	0.1	CHP	2	825.068	-37.45	-13	Pass

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_1_0_NTNV

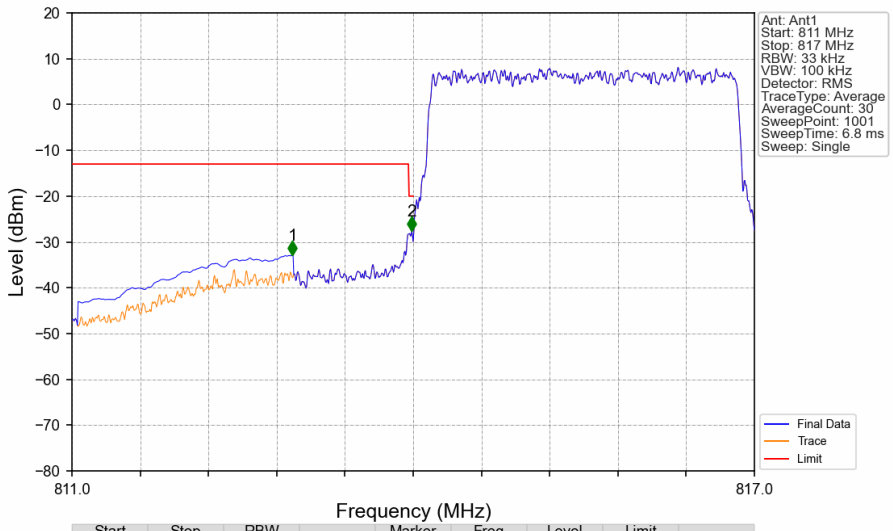


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.948	-33.86	-13	Pass
813	814	0.003	/	2	813.997	-27.68	-20	Pass
814	817	0.003	/	/	/	/	/	/

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_1_0_NTNV

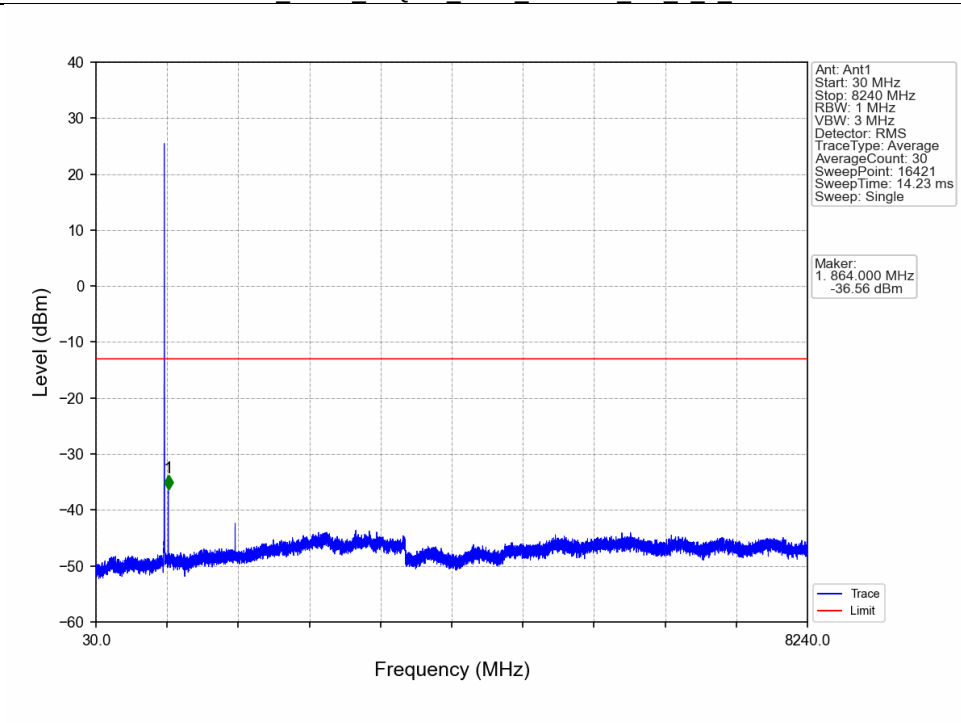


Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV

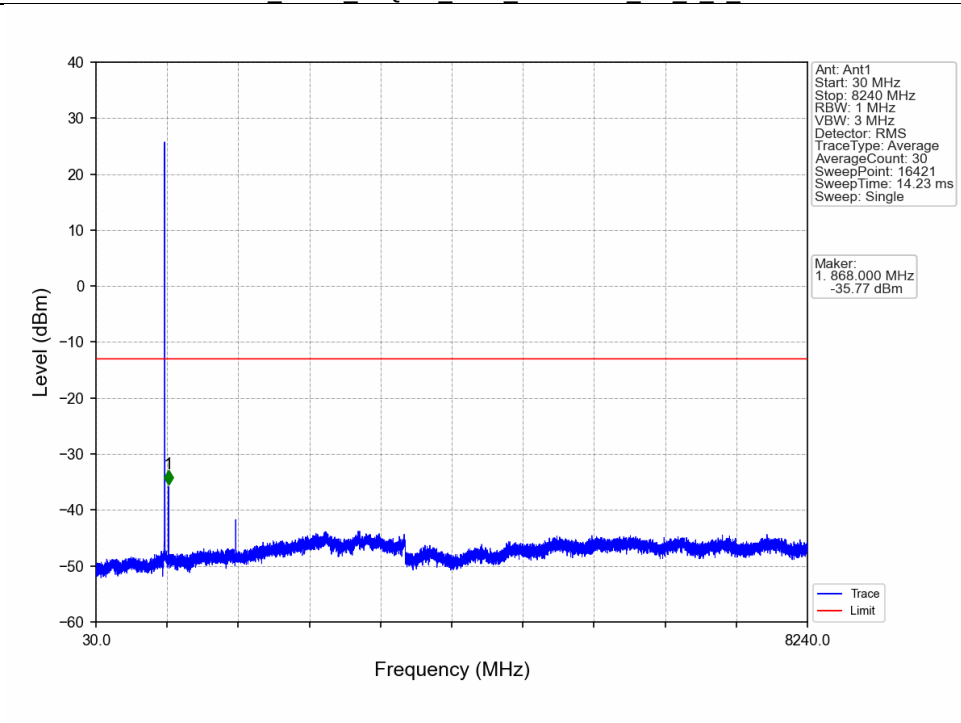


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.938	-32.97	-13	Pass
813	814	0.033	/	2	813.988	-27.59	-20	Pass
814	817	0.033	/	/	/	/	/	/

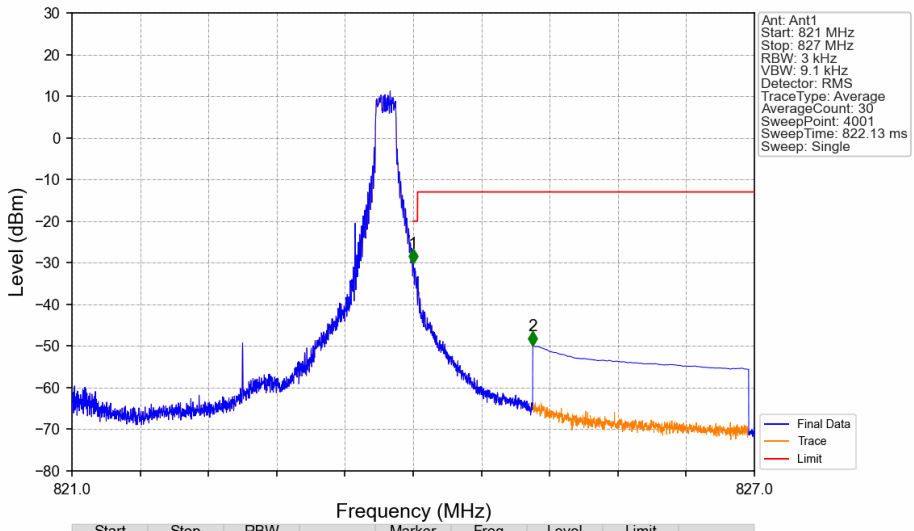
Band26a_3MHz_16QAM_MCH_819MHz_RB_1_0_NTNV



Band26a_3MHz_16QAM_HCH_822.5MHz_RB_1_0_NTNV

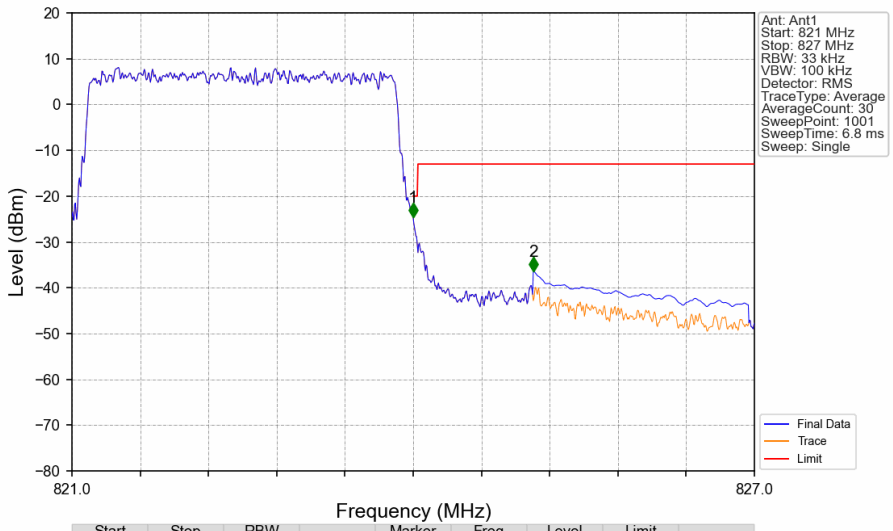


Band26a_3MHz_16QAM_HCH_822.5MHz_RB_1_14_NTNV



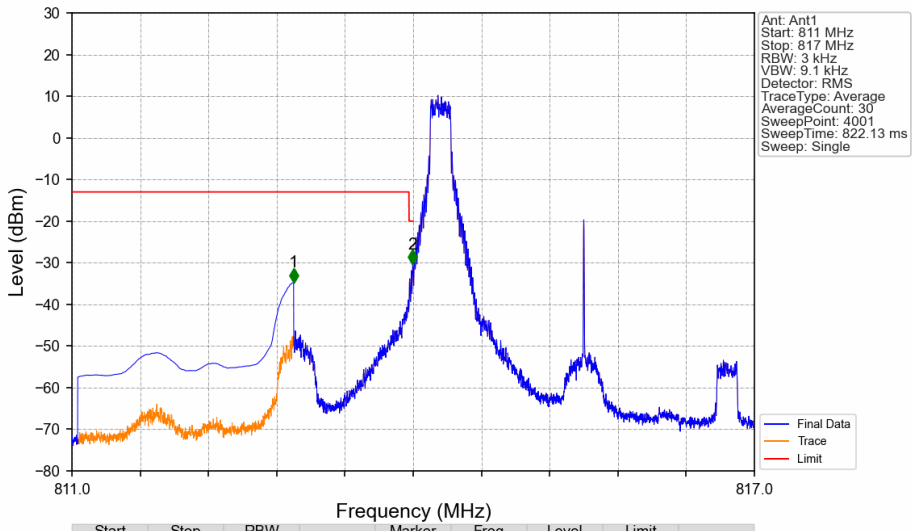
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.000	-30.22	-20	Pass
825	827	0.1	CHP	2	825.052	-50.01	-13	Pass

Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



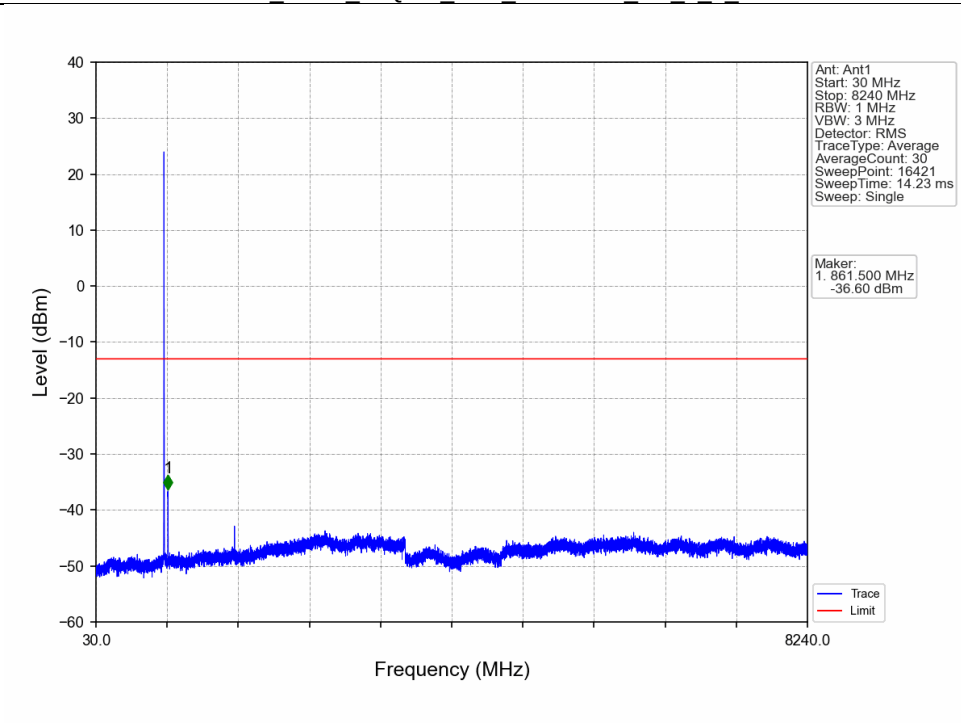
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.033	/	/	/	/	/	/
824	825	0.033	/	1	824.000	-24.60	-20	Pass
825	827	0.1	CHP	2	825.056	-36.40	-13	Pass

Band26a_3MHz_64QAM_LCH_815.5MHz_RB_1_0_NTNV

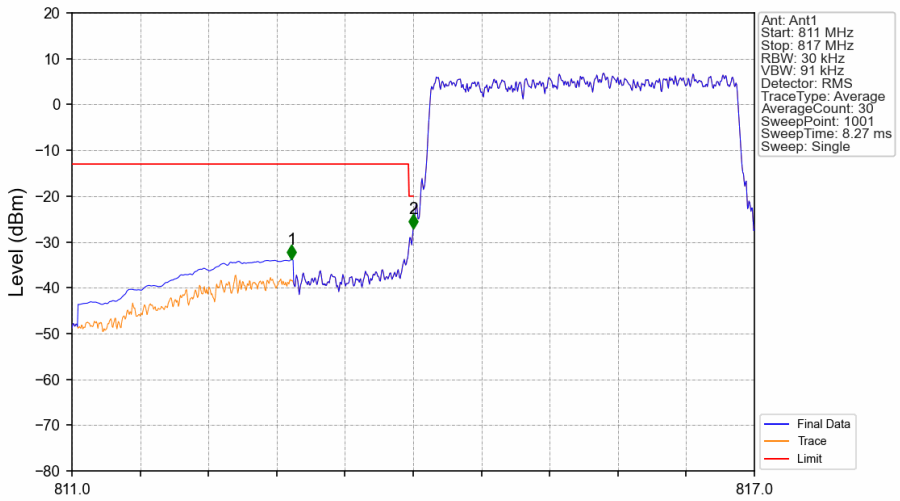


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.948	-34.71	-13	Pass
813	814	0.003	/	2	813.995	-30.28	-20	Pass
814	817	0.003	/	/	/	/	/	/

Band26a_3MHz_64QAM_LCH_815.5MHz_RB_1_0_NTNV

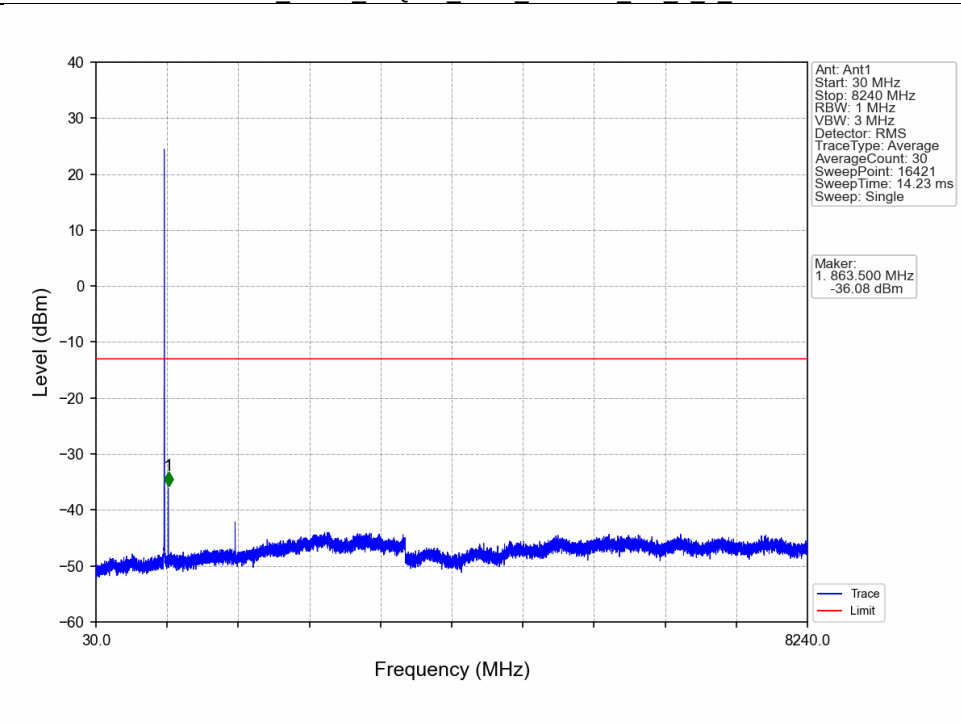


Band26a_3MHz_64QAM_LCH_815.5MHz_RB_15_0_NTNV

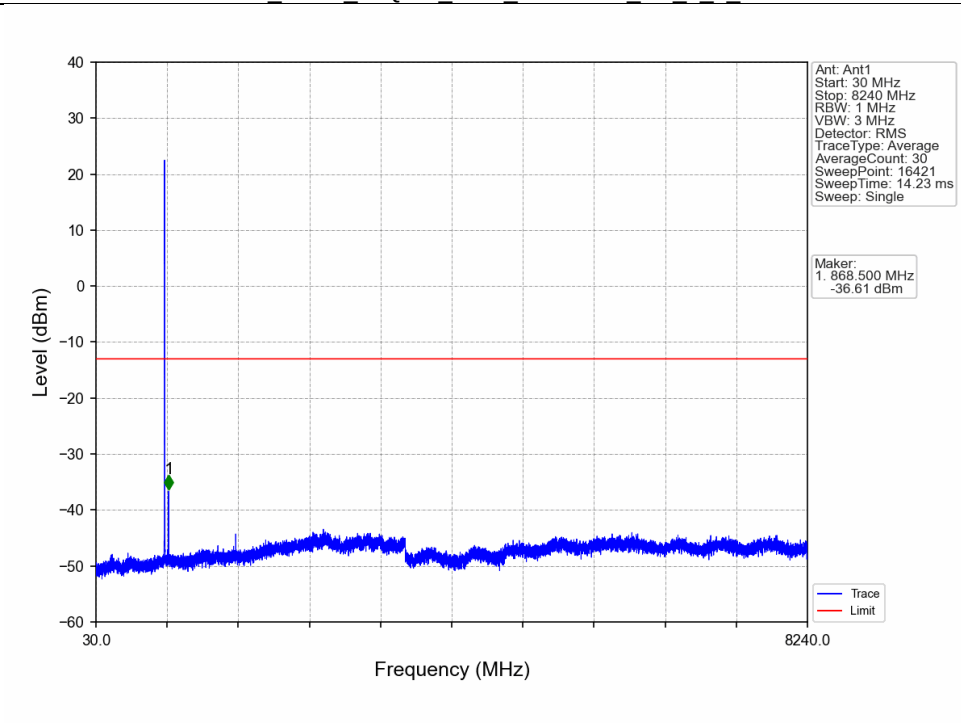


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.932	-33.86	-13	Pass
813	814	0.03	/	2	814.000	-27.16	-20	Pass
814	817	0.03	/	/	/	/	/	/

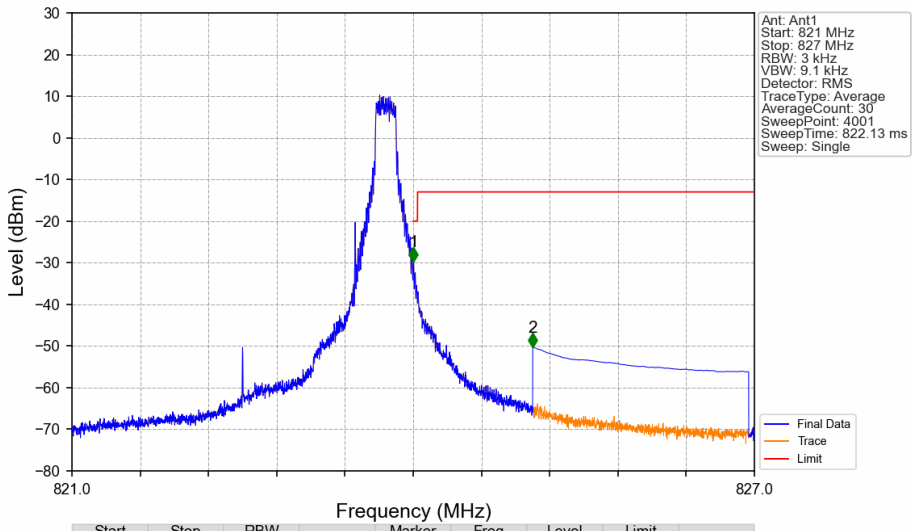
Band26a_3MHz_64QAM_MCH_819MHz_RB_1_0_NTNV



Band26a_3MHz_64QAM_HCH_822.5MHz_RB_1_0_NTNV

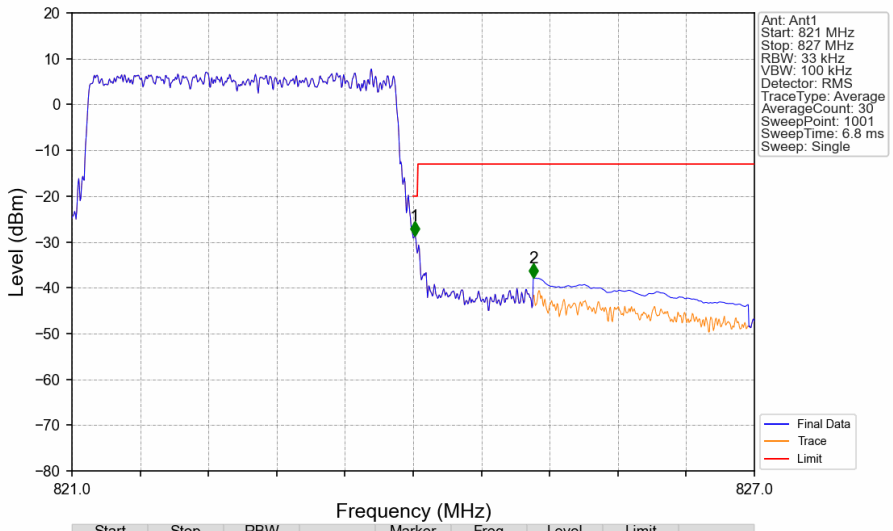


Band26a_3MHz_64QAM_HCH_822.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.003	-29.73	-20	Pass
825	827	0.1	CHP	2	825.052	-50.33	-13	Pass

Band26a_3MHz_64QAM_HCH_822.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.033	/	/	/	/	/	/
824	825	0.033	/	1	824.012	-28.64	-20	Pass
825	827	0.1	CHP	2	825.056	-37.89	-13	Pass

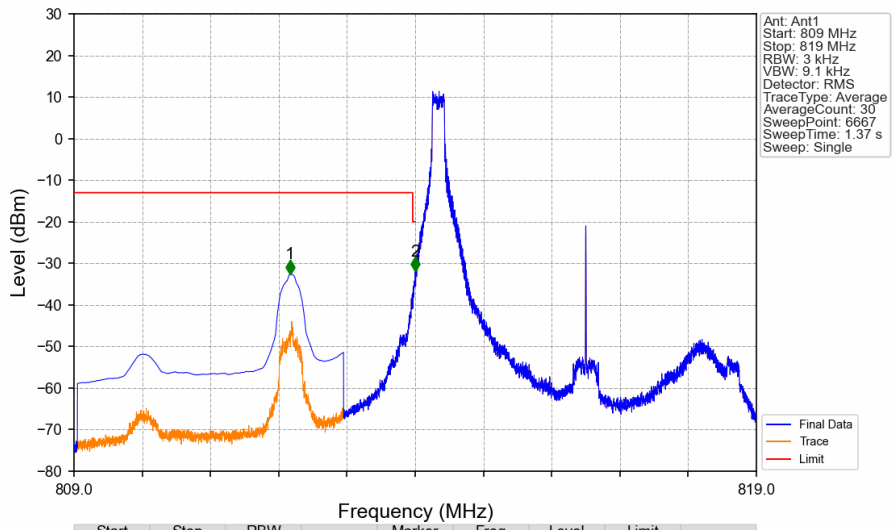
4.3 B26a_5MHz

4.3.1 Test Result

Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	821.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	816.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	821.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	816.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	821.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

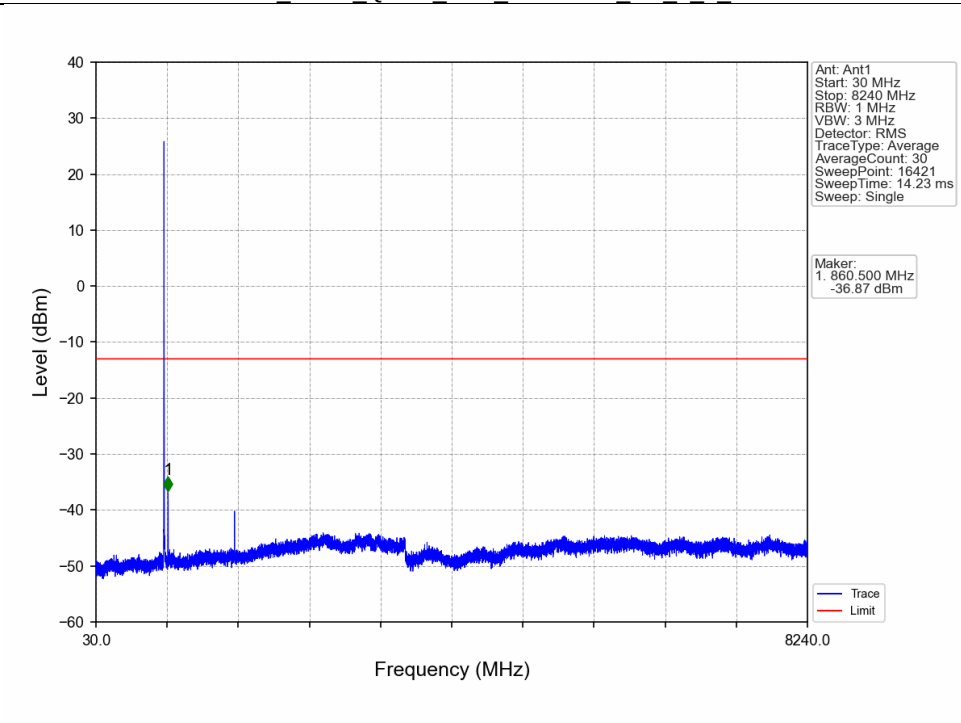
4.3.2 Test Graph

Band26a_5MHz_QPSK_LCH_816.5MHz_RB_1_0_NTNV

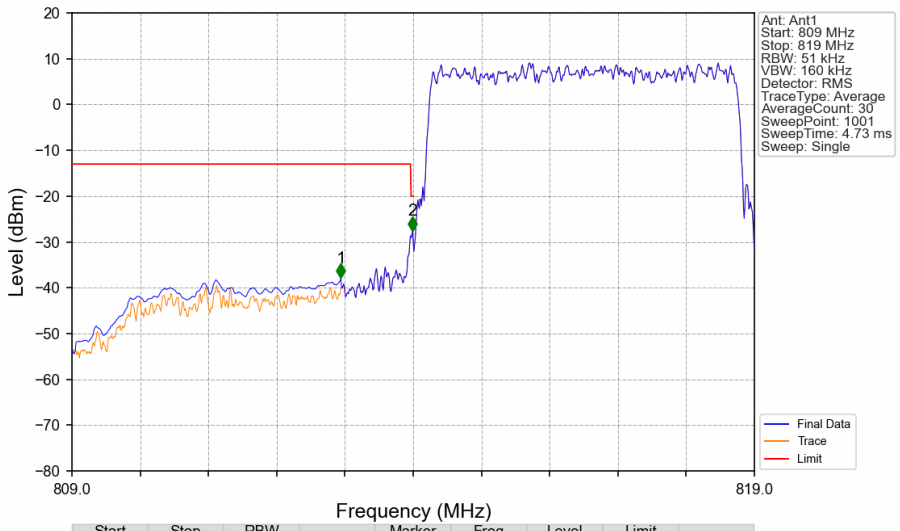


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.162	-32.59	-13	Pass
813	814	0.003	/	2	814.000	-31.86	-20	Pass
814	819	0.003	/	/	/	/	/	/

Band26a_5MHz_QPSK_LCH_816.5MHz_RB_1_0_NTNV

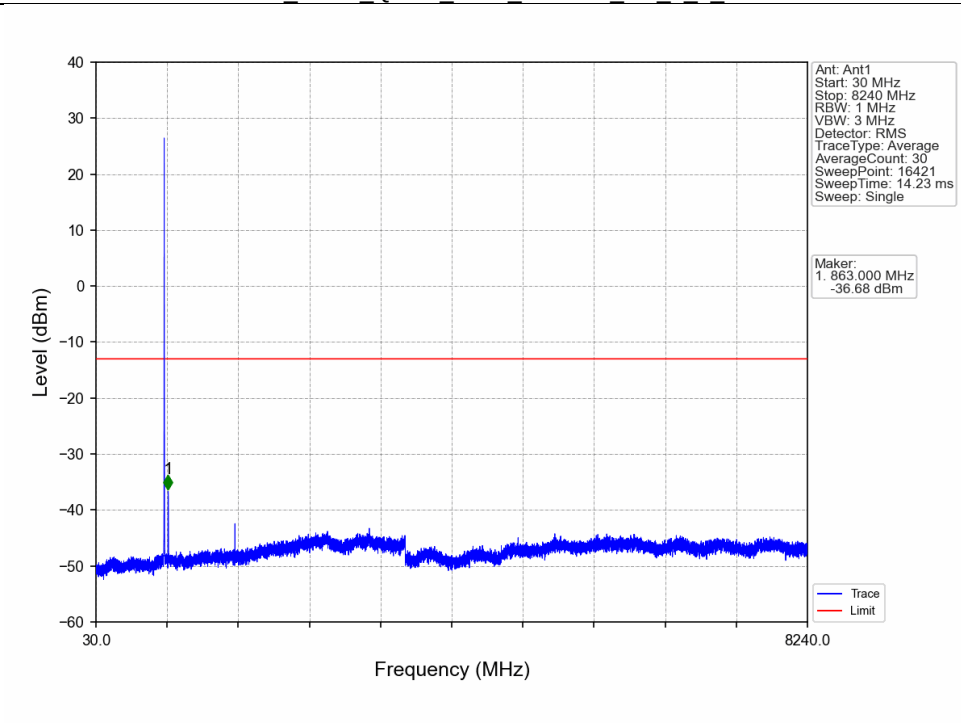


Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV

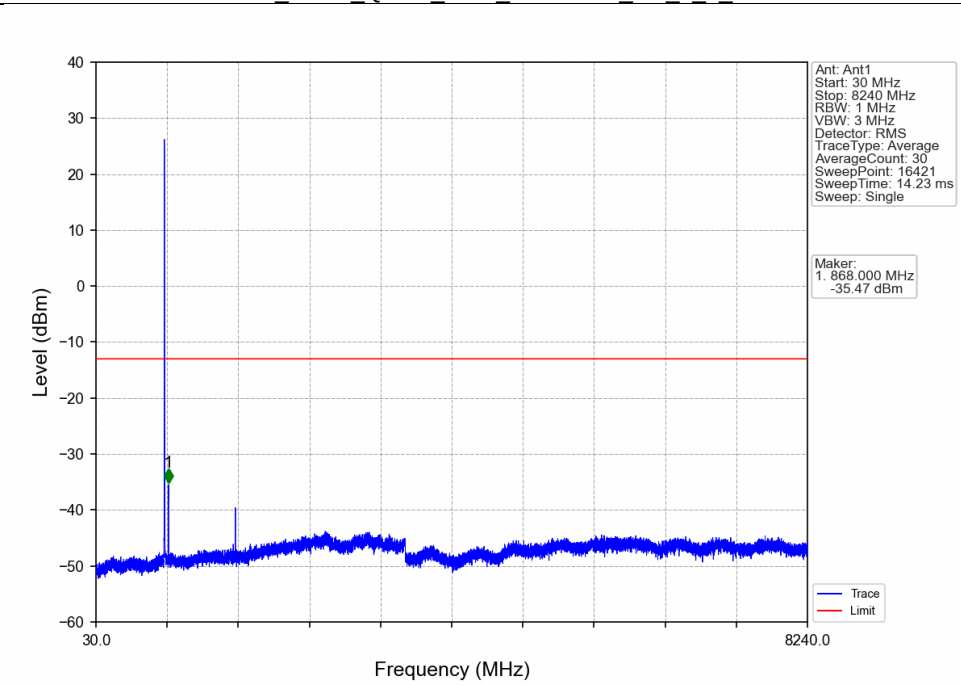


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.940	-37.89	-13	Pass
813	814	0.051	/	2	813.990	-27.54	-20	Pass
814	819	0.051	/	/	/	/	/	/

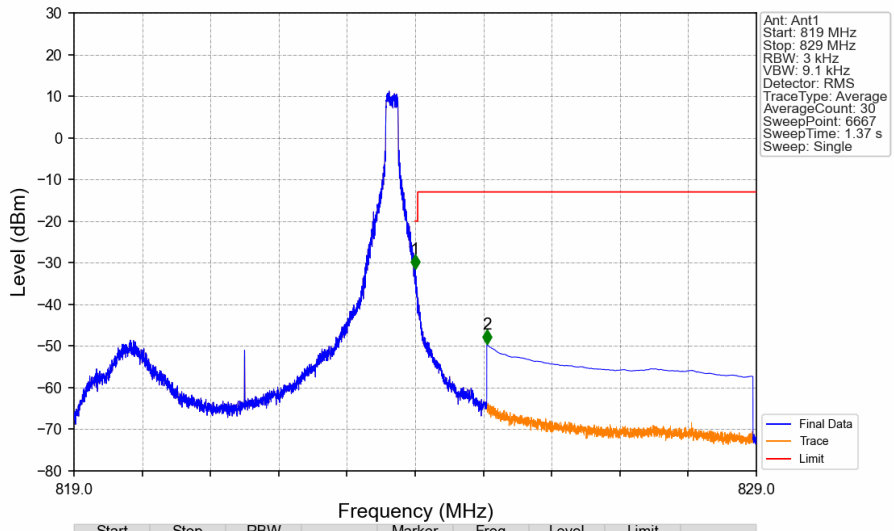
Band26a_5MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_0_NTNV

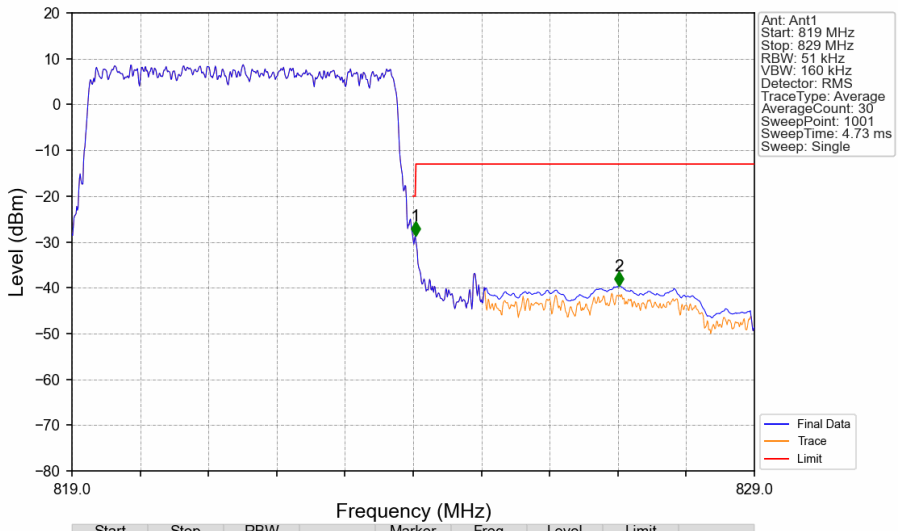


Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_24_NTNV



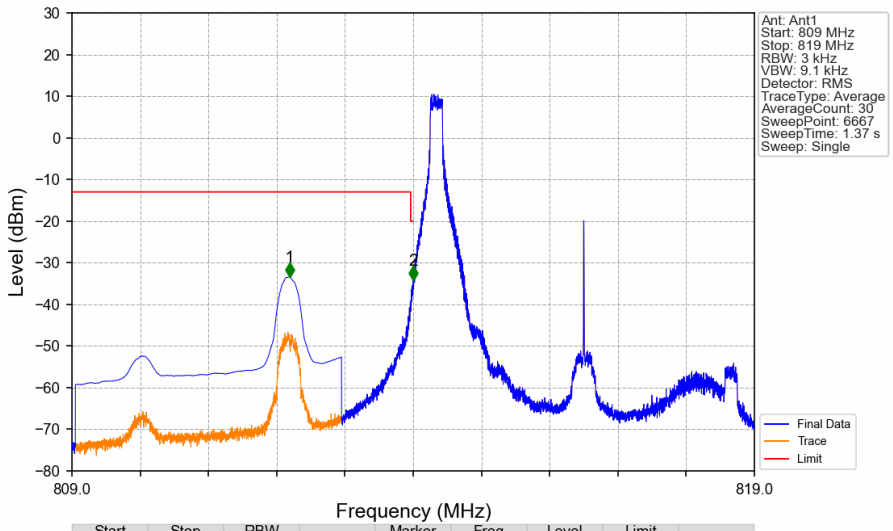
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.000	-31.53	-20	Pass
825	829	0.1	CHP	2	825.050	-49.61	-13	Pass

Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



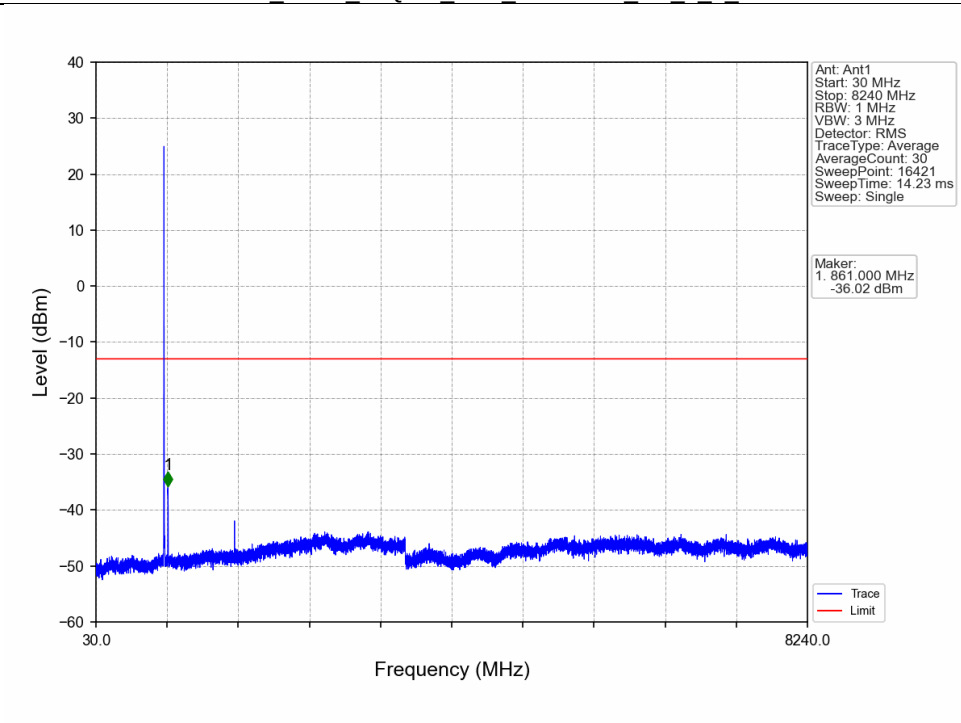
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.051	/	/	/	/	/	/
824	825	0.051	/	1	824.030	-28.67	-20	Pass
825	829	0.1	CHP	2	827.020	-39.59	-13	Pass

Band26a_5MHz_16QAM_LCH_816.5MHz_RB_1_0_NTNV

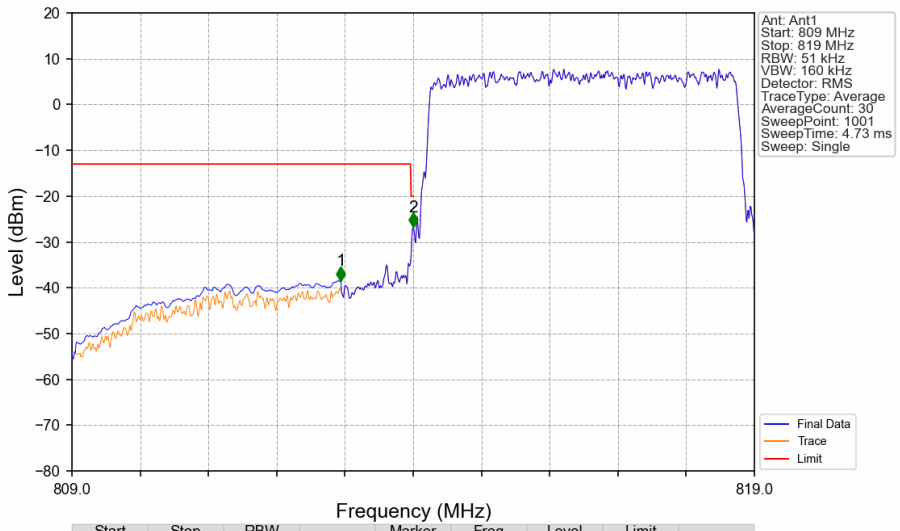


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.188	-33.43	-13	Pass
813	814	0.003	/	2	814.000	-34.23	-20	Pass
814	819	0.003	/	/	/	/	/	/

Band26a_5MHz_16QAM_LCH_816.5MHz_RB_1_0_NTNV

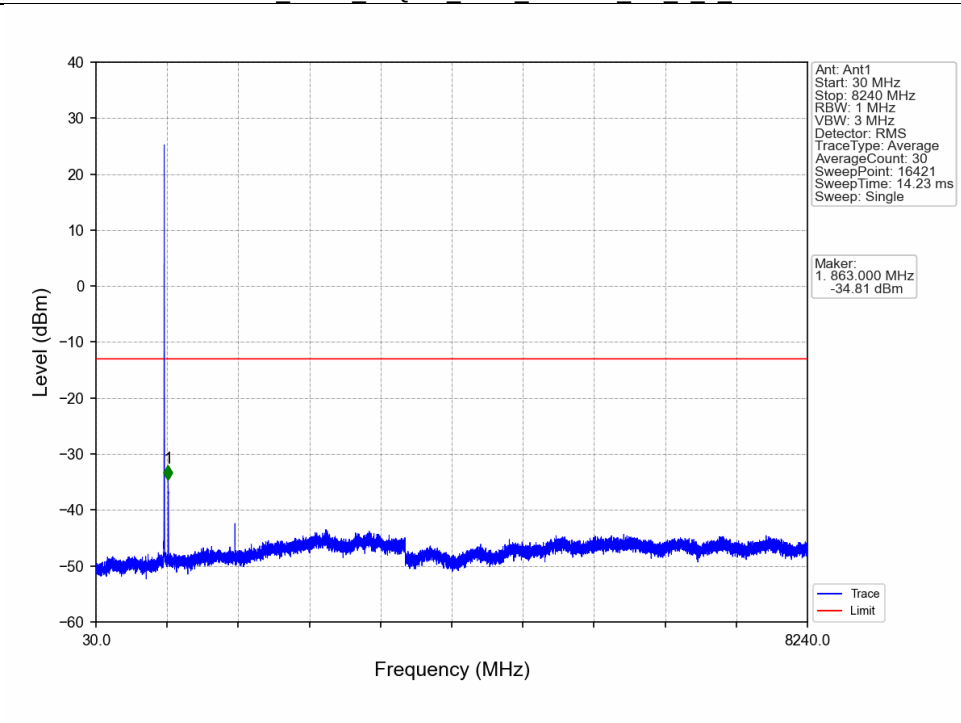


Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV

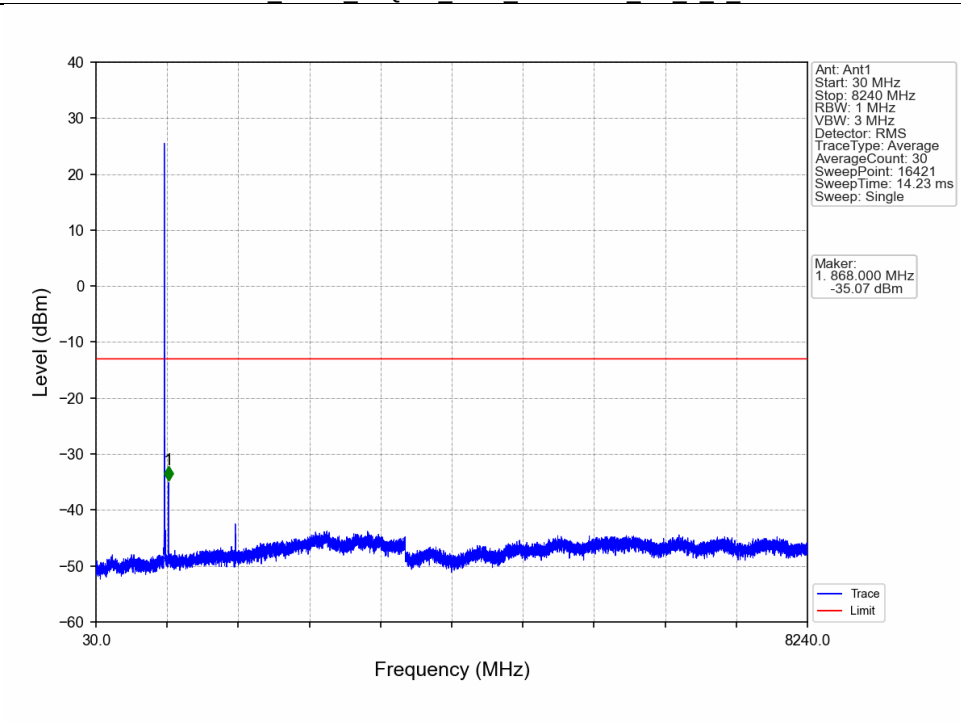


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.940	-38.47	-13	Pass
813	814	0.051	/	2	814.000	-26.69	-20	Pass
814	819	0.051	/	/	/	/	/	/

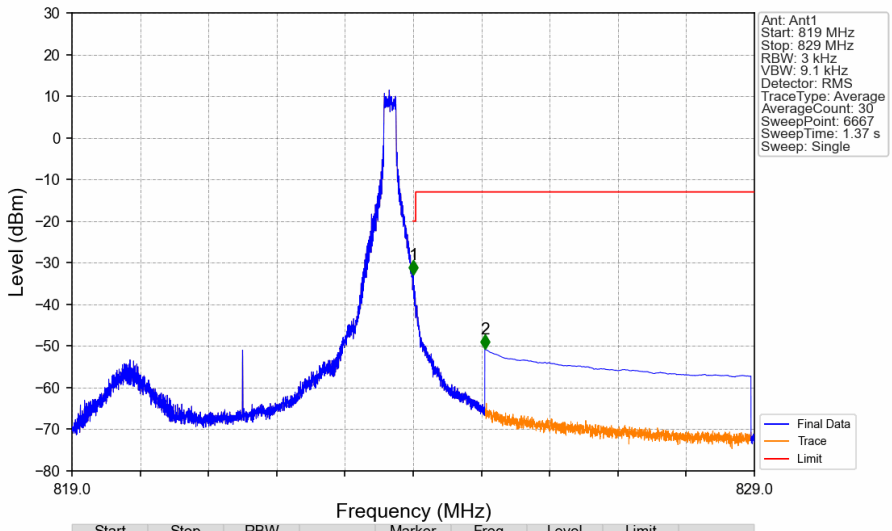
Band26a_5MHz_16QAM_MCH_819MHz_RB_1_0_NTNV



Band26a_5MHz_16QAM_HCH_821.5MHz_RB_1_0_NTNV

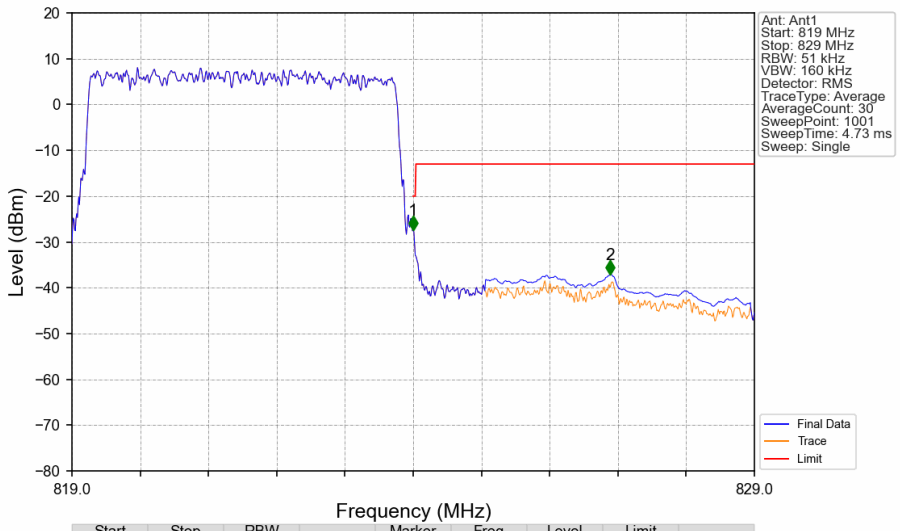


Band26a_5MHz_16QAM_HCH_821.5MHz_RB_1_24_NTNV



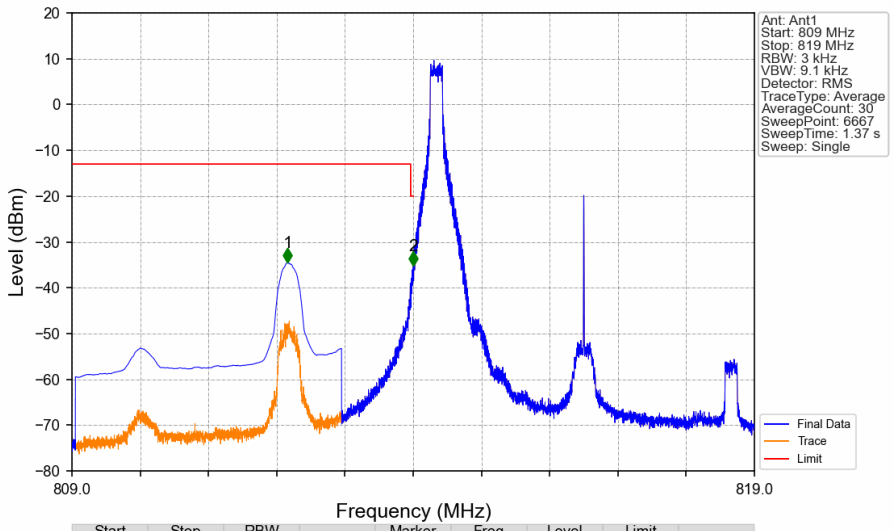
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.001	-32.88	-20	Pass
825	829	0.1	CHP	2	825.050	-50.71	-13	Pass

Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



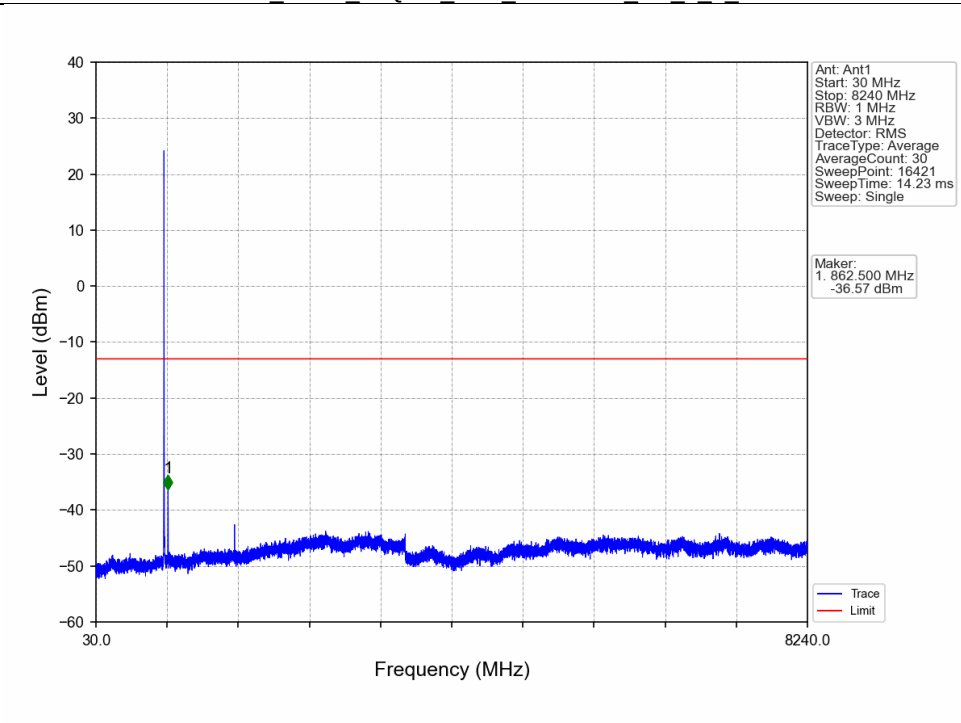
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.051	/	/	/	/	/	/
824	825	0.051	/	1	824.000	-27.42	-20	Pass
825	829	0.1	CHP	2	826.890	-37.13	-13	Pass

Band26a_5MHz_64QAM_LCH_816.5MHz_RB_1_0_NTNV

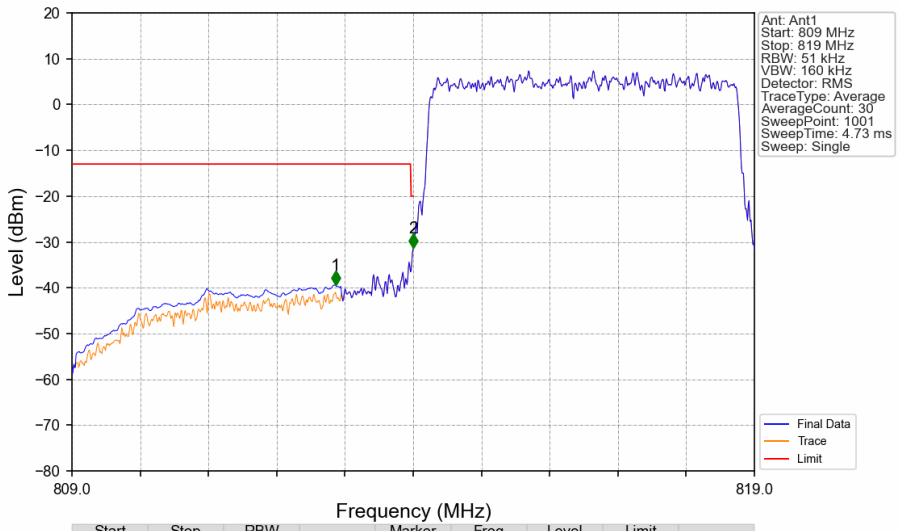


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.158	-34.51	-13	Pass
813	814	0.003	/	2	814.000	-35.21	-20	Pass
814	819	0.003	/	/	/	/	/	/

Band26a_5MHz_64QAM_LCH_816.5MHz_RB_1_0_NTNV

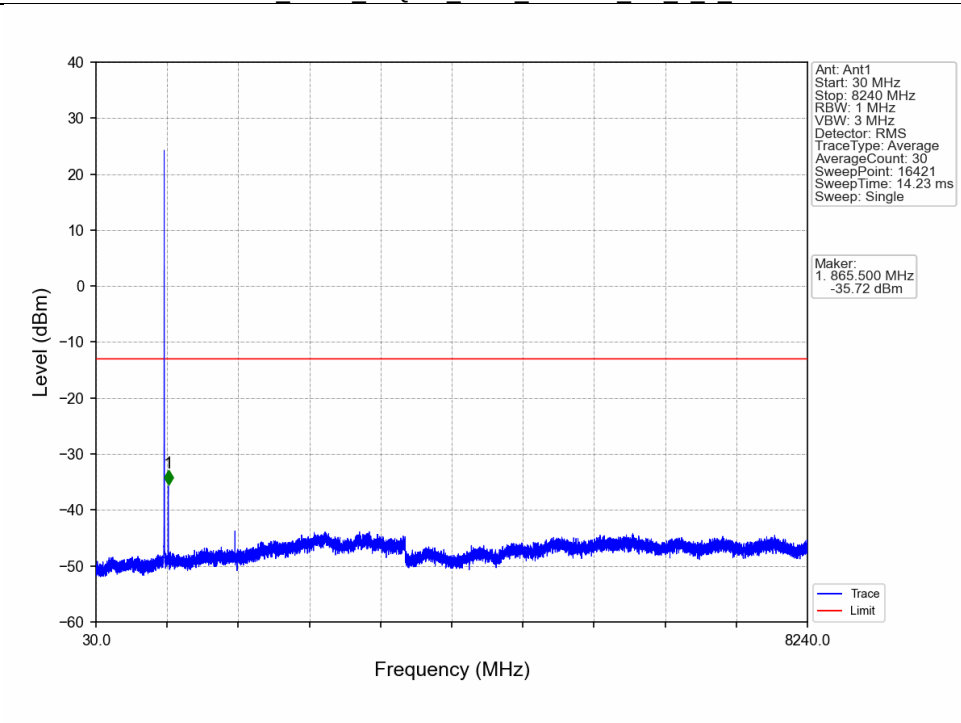


Band26a_5MHz_64QAM_LCH_816.5MHz_RB_25_0_NTNV

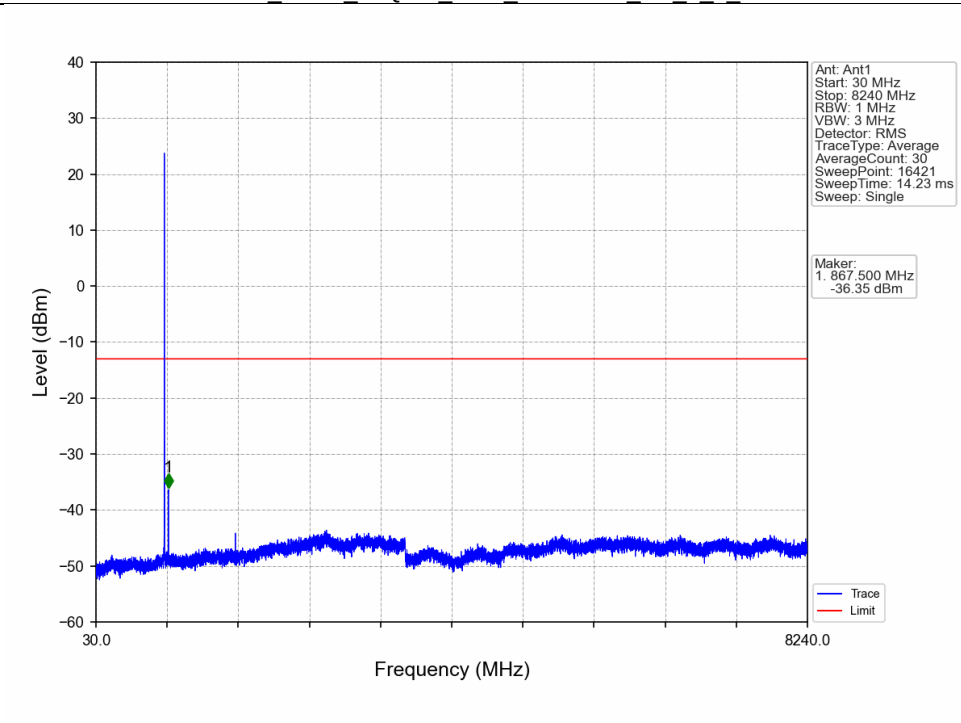


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.860	-39.38	-13	Pass
813	814	0.051	/	2	814.000	-31.37	-20	Pass
814	819	0.051	/	/	/	/	/	/

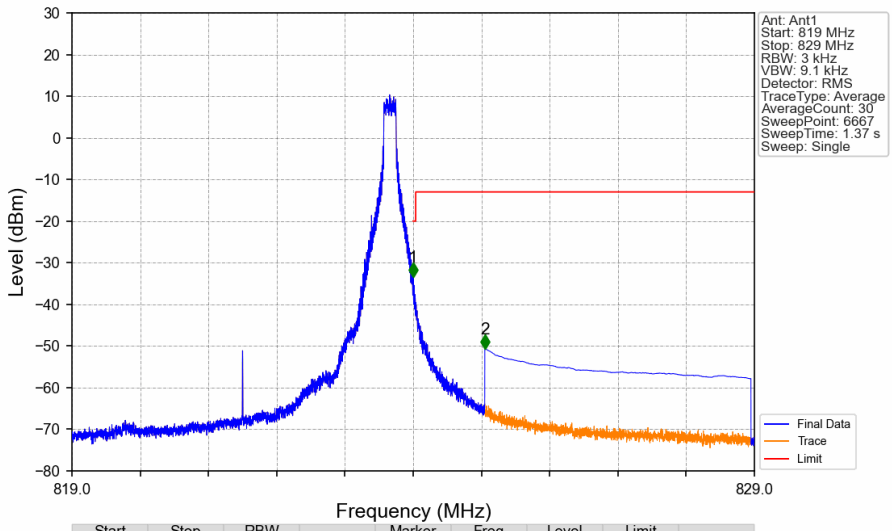
Band26a_5MHz_64QAM_MCH_819MHz_RB_1_0_NTNV



Band26a_5MHz_64QAM_HCH_821.5MHz_RB_1_0_NTNV

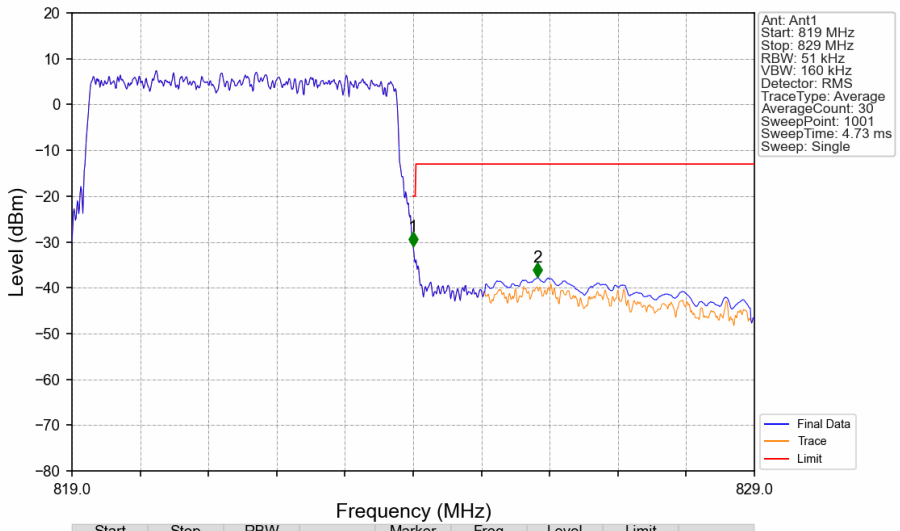


Band26a_5MHz_64QAM_HCH_821.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.000	-33.52	-20	Pass
825	829	0.1	CHP	2	825.050	-50.65	-13	Pass

Band26a_5MHz_64QAM_HCH_821.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.051	/	/	/	/	/	/
824	825	0.051	/	1	824.000	-30.95	-20	Pass
825	829	0.1	CHP	2	825.820	-37.73	-13	Pass

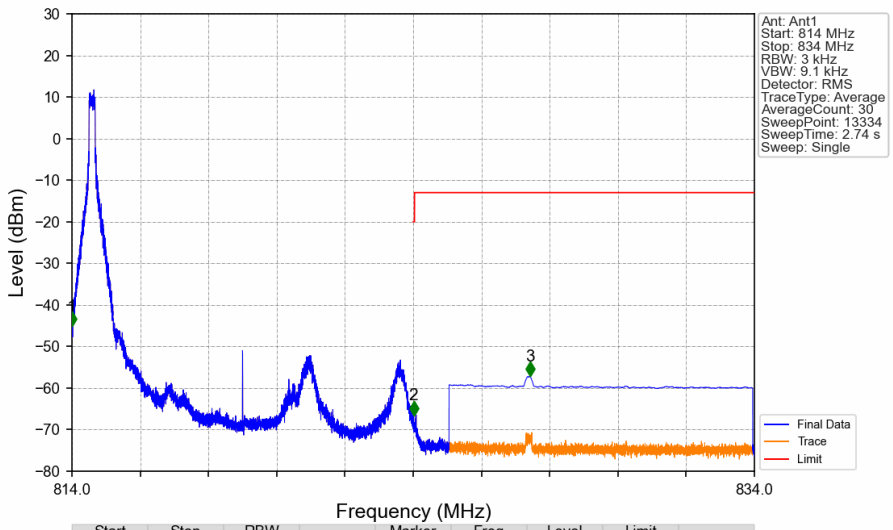
4.4 B26a_10MHz

4.4.1 Test Result

Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	819	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	819	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
64QAM	819	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

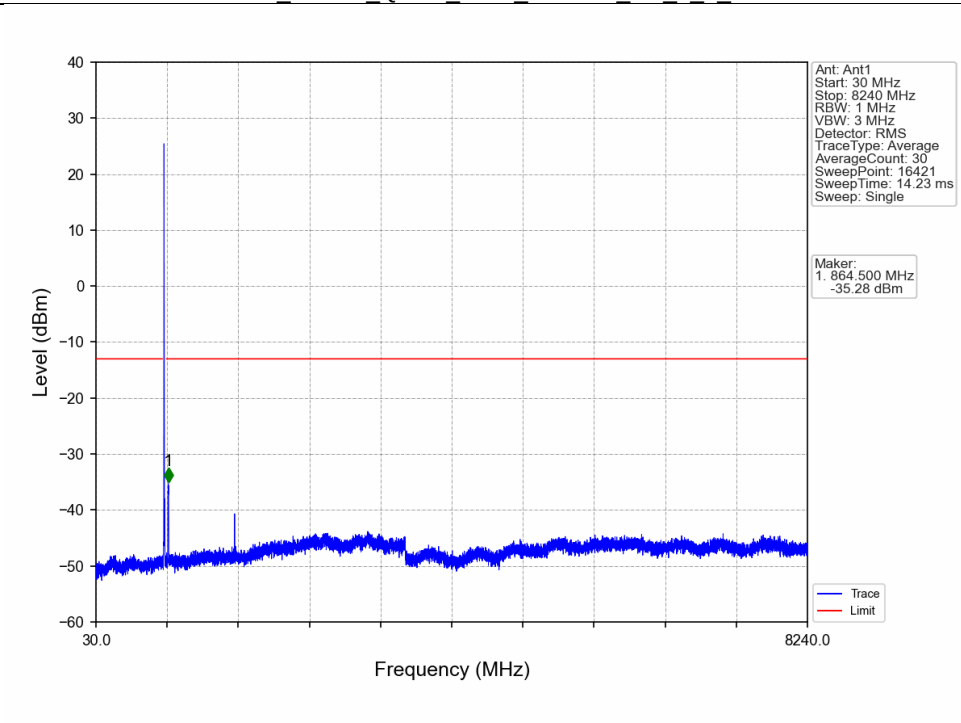
4.4.2 Test Graph

Band26a_10MHz_QPSK_MCH_819MHz_RB_1_0_NTNV

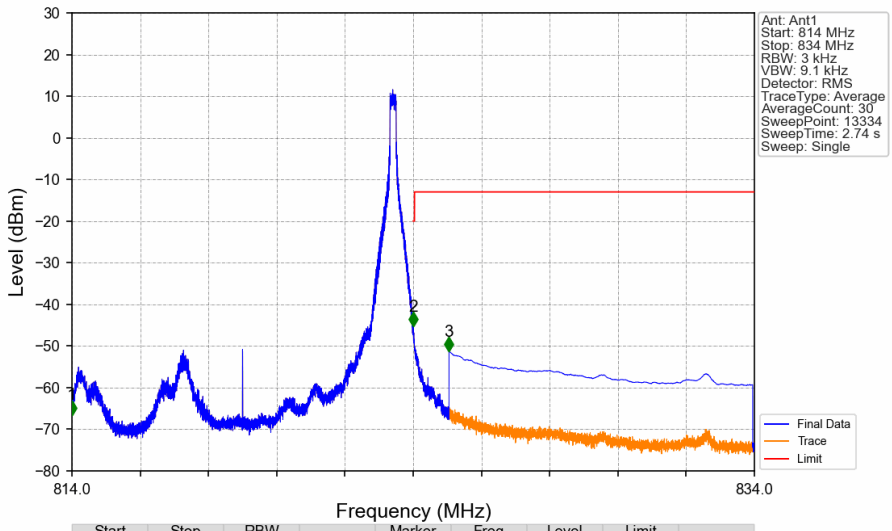


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	1	814.000	-45.09	-13	Pass
824	824	0.003	/	/	/	/	/	/
824	825	0.003	/	2	824.014	-66.53	-20	Pass
825	834	0.1	CHP	3	827.425	-57.15	-13	Pass

Band26a_10MHz_QPSK_MCH_819MHz_RB_1_0_NTNV

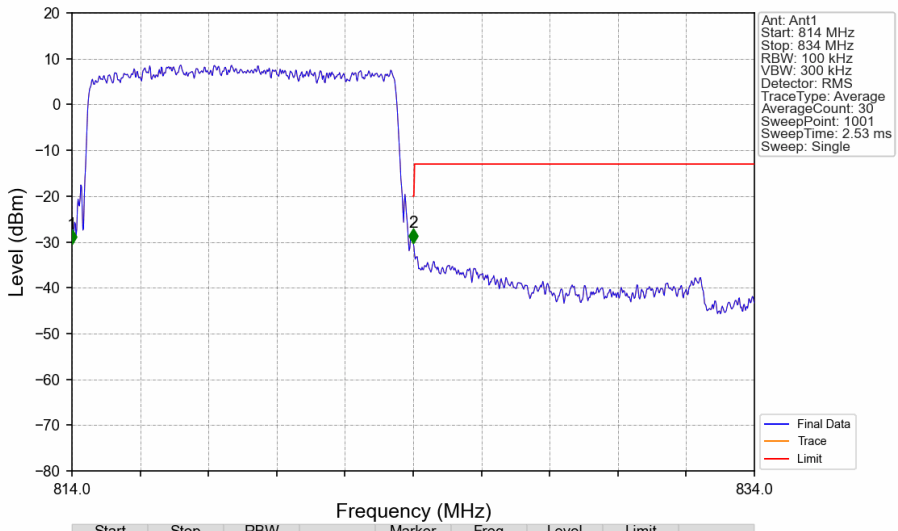


Band26a_10MHz_QPSK_MCH_819MHz_RB_1_49_NTNV



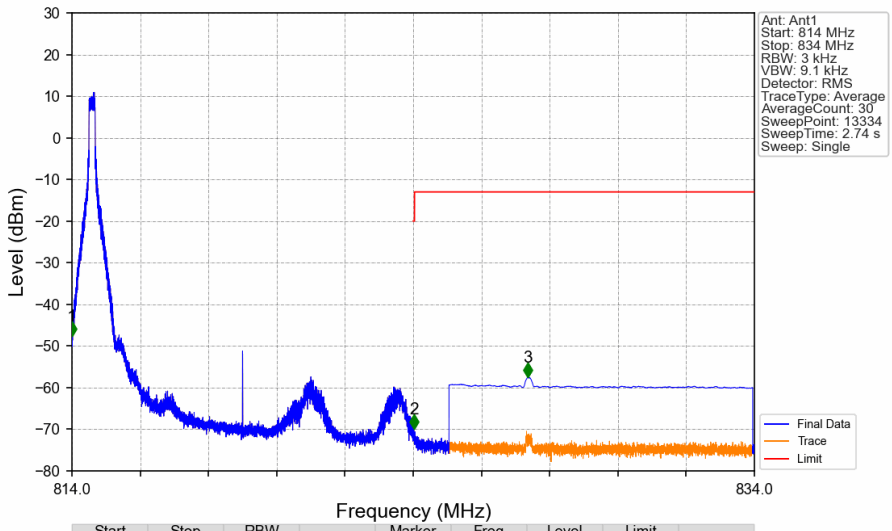
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	1	814.000	-66.54	-13	Pass
824	824	0.003	/	/	/	/	/	/
824	825	0.003	/	2	824.002	-45.35	-20	Pass
825	834	0.1	CHP	3	825.051	-51.32	-13	Pass

Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



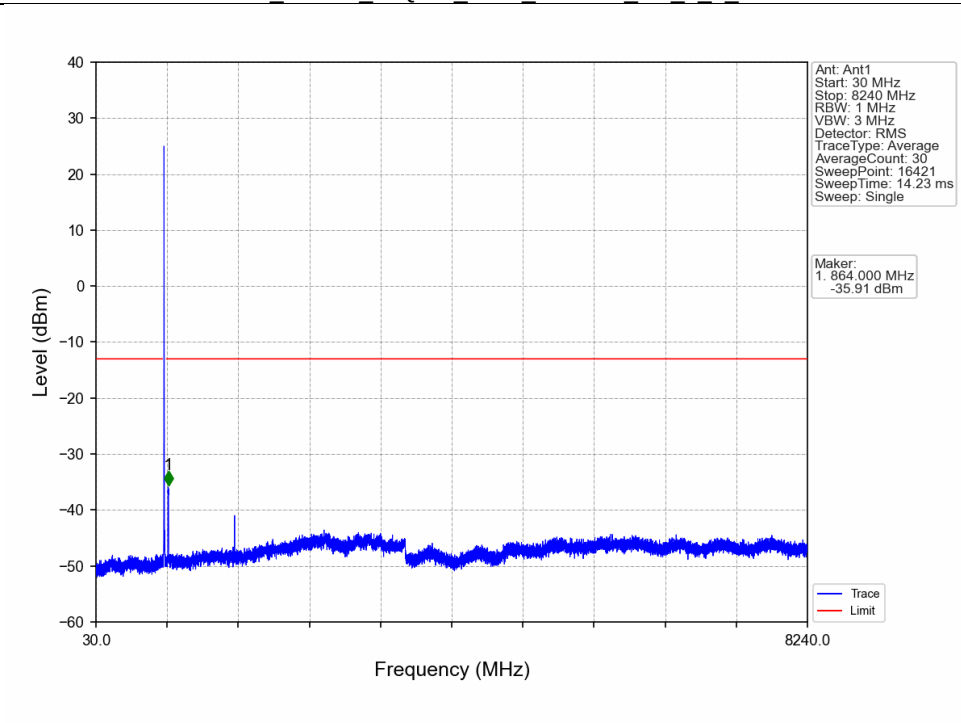
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	814.000	-30.45	-13	Pass
824	824	0.1	/	/	/	/	/	/
824	834	0.1	/	2	824.000	-30.20	-20	Pass

Band26a_10MHz_16QAM_MCH_819MHz_RB_1_0_NTNV

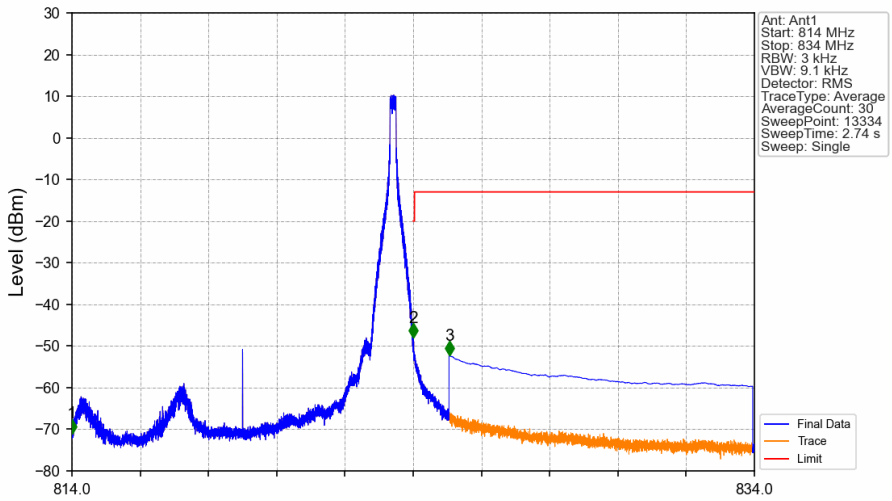


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	1	814.000	-47.67	-13	Pass
824	824	0.003	/	/	/	/	/	/
824	825	0.003	/	2	824.017	-69.89	-20	Pass
825	834	0.1	CHP	3	827.368	-57.54	-13	Pass

Band26a_10MHz_16QAM_MCH_819MHz_RB_1_0_NTNV

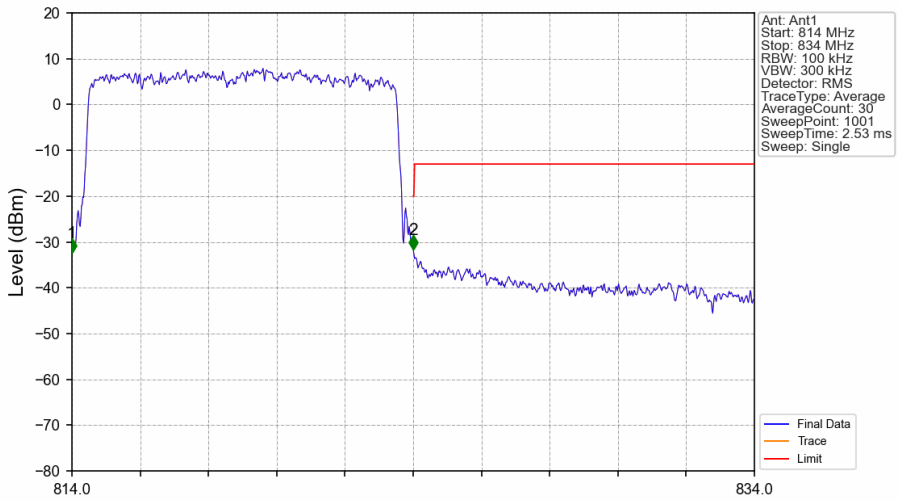


Band26a_10MHz_16QAM_MCH_819MHz_RB_1_49_NTNV



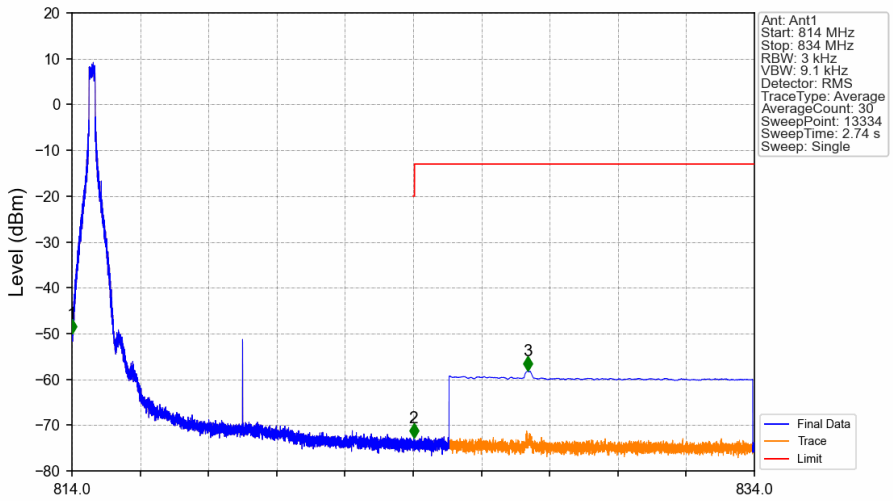
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	1	814.000	-70.99	-13	Pass
824	824	0.003	/	/	/	/	/	/
824	825	0.003	/	2	824.001	-48.02	-20	Pass
825	834	0.1	CHP	3	825.060	-52.25	-13	Pass

Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



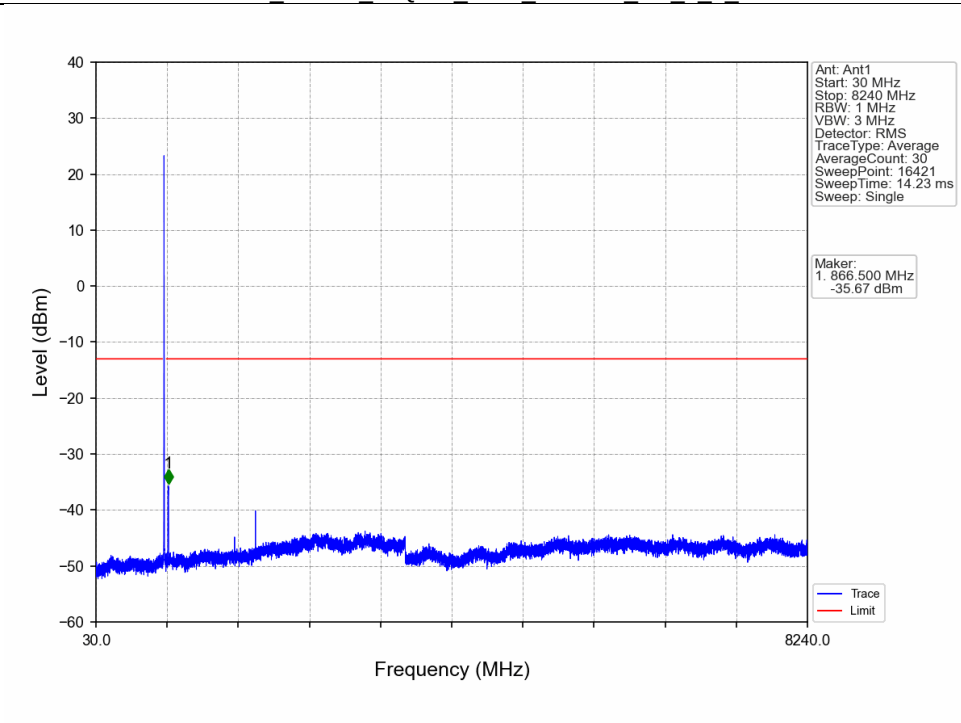
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	814.000	-32.34	-13	Pass
824	824	0.1	/	/	/	/	/	/
824	834	0.1	/	2	824.000	-31.64	-20	Pass

Band26a_10MHz_64QAM_MCH_819MHz_RB_1_0_NTNV

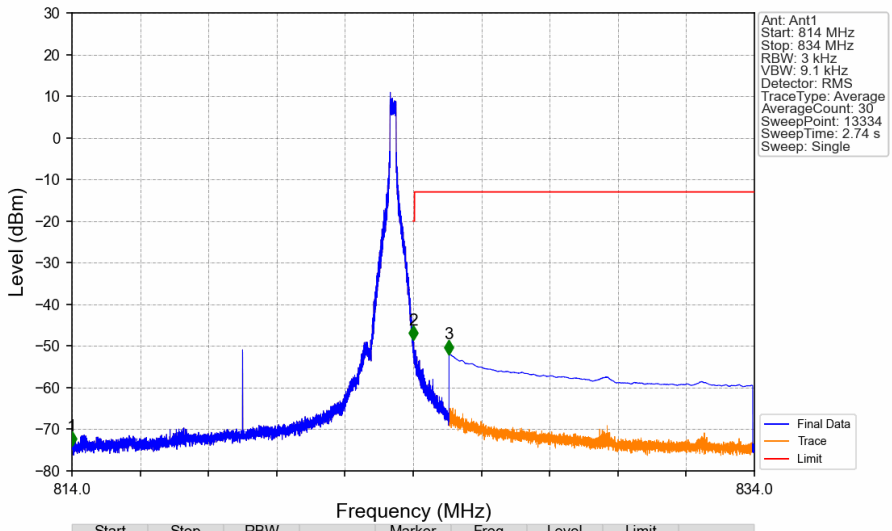


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	1	814.000	-49.96	-13	Pass
824	824	0.003	/	/	/	/	/	/
824	825	0.003	/	2	824.014	-72.84	-20	Pass
825	834	0.1	CHP	3	827.349	-58.18	-13	Pass

Band26a_10MHz_64QAM_MCH_819MHz_RB_1_0_NTNV

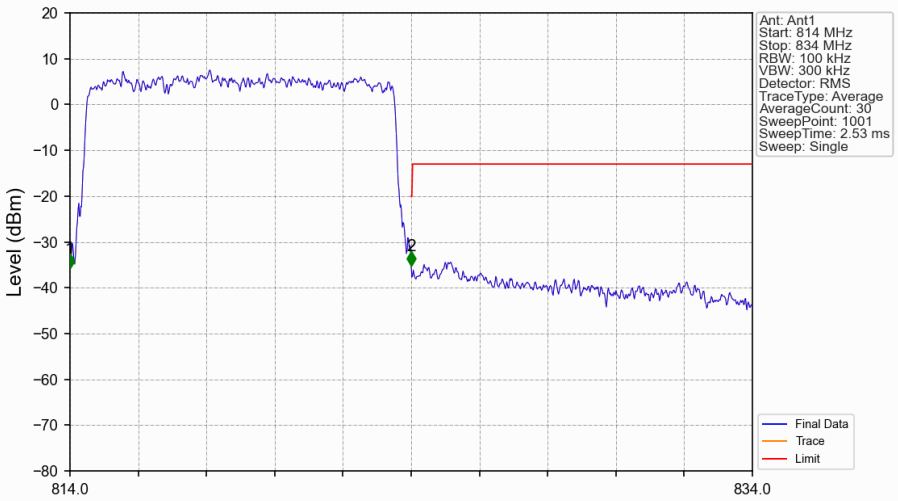


Band26a_10MHz_64QAM_MCH_819MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	1	814.000	-74.03	-13	Pass
824	824	0.003	/	/	/	/	/	/
824	825	0.003	/	2	824.004	-48.56	-20	Pass
825	834	0.1	CHP	3	825.051	-51.99	-13	Pass

Band26a_10MHz_64QAM_MCH_819MHz_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	814.000	-35.71	-13	Pass
824	824	0.1	/	/	/	/	/	/
824	834	0.1	/	2	824.000	-35.24	-20	Pass

5. Transmitter Conducted Power Output

ANT1

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Limit(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	23.48	50.00	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	23.53	50.00	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	23.47	50.00	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	22.58	50.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	23.50	50.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	23.53	50.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	23.53	50.00	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	22.63	50.00	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	23.47	50.00	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	23.48	50.00	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	23.49	50.00	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	22.62	50.00	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	22.74	50.00	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	22.96	50.00	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	22.82	50.00	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	21.68	50.00	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	22.84	50.00	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	22.81	50.00	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	22.82	50.00	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	21.68	50.00	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	22.87	50.00	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	22.86	50.00	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	22.89	50.00	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	21.70	50.00	PASS
Band26	1.4MHz	64QAM	26697	1RB#0	21.75	50.00	PASS
Band26	1.4MHz	64QAM	26697	1RB#2	21.82	50.00	PASS
Band26	1.4MHz	64QAM	26697	1RB#5	21.77	50.00	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	20.61	50.00	PASS

Band26	1.4MHz	64QAM	26740	1RB#0	21.77	50.00	PASS
Band26	1.4MHz	64QAM	26740	1RB#2	21.76	50.00	PASS
Band26	1.4MHz	64QAM	26740	1RB#5	21.80	50.00	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	20.66	50.00	PASS
Band26	1.4MHz	64QAM	26783	1RB#0	21.76	50.00	PASS
Band26	1.4MHz	64QAM	26783	1RB#2	21.85	50.00	PASS
Band26	1.4MHz	64QAM	26783	1RB#5	21.77	50.00	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	20.63	50.00	PASS
Band26	3MHz	QPSK	26705	1RB#0	23.62	50.00	PASS
Band26	3MHz	QPSK	26705	1RB#8	23.67	50.00	PASS
Band26	3MHz	QPSK	26705	1RB#14	23.63	50.00	PASS
Band26	3MHz	QPSK	26705	15RB#0	22.69	50.00	PASS
Band26	3MHz	QPSK	26740	1RB#0	23.59	50.00	PASS
Band26	3MHz	QPSK	26740	1RB#8	23.71	50.00	PASS
Band26	3MHz	QPSK	26740	1RB#14	23.65	50.00	PASS
Band26	3MHz	QPSK	26740	15RB#0	22.70	50.00	PASS
Band26	3MHz	QPSK	26775	1RB#0	23.66	50.00	PASS
Band26	3MHz	QPSK	26775	1RB#8	23.76	50.00	PASS
Band26	3MHz	QPSK	26775	1RB#14	23.64	50.00	PASS
Band26	3MHz	QPSK	26775	15RB#0	22.72	50.00	PASS
Band26	3MHz	16QAM	26705	1RB#0	22.91	50.00	PASS
Band26	3MHz	16QAM	26705	1RB#8	23.09	50.00	PASS
Band26	3MHz	16QAM	26705	1RB#14	23.00	50.00	PASS
Band26	3MHz	16QAM	26705	15RB#0	21.73	50.00	PASS
Band26	3MHz	16QAM	26740	1RB#0	22.86	50.00	PASS
Band26	3MHz	16QAM	26740	1RB#8	23.04	50.00	PASS
Band26	3MHz	16QAM	26740	1RB#14	23.00	50.00	PASS
Band26	3MHz	16QAM	26740	15RB#0	21.79	50.00	PASS
Band26	3MHz	16QAM	26775	1RB#0	22.95	50.00	PASS
Band26	3MHz	16QAM	26775	1RB#8	23.05	50.00	PASS
Band26	3MHz	16QAM	26775	1RB#14	22.90	50.00	PASS

Band26	3MHz	16QAM	26775	15RB#0	21.74	50.00	PASS
Band26	3MHz	64QAM	26705	1RB#0	21.89	50.00	PASS
Band26	3MHz	64QAM	26705	1RB#8	22.00	50.00	PASS
Band26	3MHz	64QAM	26705	1RB#14	21.89	50.00	PASS
Band26	3MHz	64QAM	26705	15RB#0	20.72	50.00	PASS
Band26	3MHz	64QAM	26740	1RB#0	21.80	50.00	PASS
Band26	3MHz	64QAM	26740	1RB#8	21.92	50.00	PASS
Band26	3MHz	64QAM	26740	1RB#14	21.89	50.00	PASS
Band26	3MHz	64QAM	26740	15RB#0	20.80	50.00	PASS
Band26	3MHz	64QAM	26775	1RB#0	21.85	50.00	PASS
Band26	3MHz	64QAM	26775	1RB#8	21.97	50.00	PASS
Band26	3MHz	64QAM	26775	1RB#14	21.98	50.00	PASS
Band26	3MHz	64QAM	26775	15RB#0	20.75	50.00	PASS
Band26	5MHz	QPSK	26715	1RB#0	23.50	50.00	PASS
Band26	5MHz	QPSK	26715	1RB#12	23.66	50.00	PASS
Band26	5MHz	QPSK	26715	1RB#24	23.56	50.00	PASS
Band26	5MHz	QPSK	26715	25RB#0	22.68	50.00	PASS
Band26	5MHz	QPSK	26740	1RB#0	23.68	50.00	PASS
Band26	5MHz	QPSK	26740	1RB#12	23.74	50.00	PASS
Band26	5MHz	QPSK	26740	1RB#24	23.71	50.00	PASS
Band26	5MHz	QPSK	26740	25RB#0	22.70	50.00	PASS
Band26	5MHz	QPSK	26765	1RB#0	23.67	50.00	PASS
Band26	5MHz	QPSK	26765	1RB#12	23.72	50.00	PASS
Band26	5MHz	QPSK	26765	1RB#24	23.61	50.00	PASS
Band26	5MHz	QPSK	26765	25RB#0	22.71	50.00	PASS
Band26	5MHz	16QAM	26715	1RB#0	22.75	50.00	PASS
Band26	5MHz	16QAM	26715	1RB#12	23.06	50.00	PASS
Band26	5MHz	16QAM	26715	1RB#24	22.85	50.00	PASS
Band26	5MHz	16QAM	26715	25RB#0	21.77	50.00	PASS
Band26	5MHz	16QAM	26740	1RB#0	23.08	50.00	PASS
Band26	5MHz	16QAM	26740	1RB#12	23.04	50.00	PASS

Band26	5MHz	16QAM	26740	1RB#24	23.07	50.00	PASS
Band26	5MHz	16QAM	26740	25RB#0	21.73	50.00	PASS
Band26	5MHz	16QAM	26765	1RB#0	23.06	50.00	PASS
Band26	5MHz	16QAM	26765	1RB#12	23.02	50.00	PASS
Band26	5MHz	16QAM	26765	1RB#24	23.00	50.00	PASS
Band26	5MHz	16QAM	26765	25RB#0	21.73	50.00	PASS
Band26	5MHz	64QAM	26715	1RB#0	21.80	50.00	PASS
Band26	5MHz	64QAM	26715	1RB#12	21.94	50.00	PASS
Band26	5MHz	64QAM	26715	1RB#24	21.79	50.00	PASS
Band26	5MHz	64QAM	26715	25RB#0	20.76	50.00	PASS
Band26	5MHz	64QAM	26740	1RB#0	21.94	50.00	PASS
Band26	5MHz	64QAM	26740	1RB#12	21.86	50.00	PASS
Band26	5MHz	64QAM	26740	1RB#24	21.83	50.00	PASS
Band26	5MHz	64QAM	26740	25RB#0	20.82	50.00	PASS
Band26	5MHz	64QAM	26765	1RB#0	21.89	50.00	PASS
Band26	5MHz	64QAM	26765	1RB#12	21.87	50.00	PASS
Band26	5MHz	64QAM	26765	1RB#24	21.97	50.00	PASS
Band26	5MHz	64QAM	26765	25RB#0	20.78	50.00	PASS
Band26	10MHz	QPSK	26740	1RB#0	23.62	50.00	PASS
Band26	10MHz	QPSK	26740	1RB#24	23.53	50.00	PASS
Band26	10MHz	QPSK	26740	1RB#49	23.53	50.00	PASS
Band26	10MHz	QPSK	26740	50RB#0	22.61	50.00	PASS
Band26	10MHz	16QAM	26740	1RB#0	22.99	50.00	PASS
Band26	10MHz	16QAM	26740	1RB#24	22.95	50.00	PASS
Band26	10MHz	16QAM	26740	1RB#49	22.91	50.00	PASS
Band26	10MHz	16QAM	26740	50RB#0	21.60	50.00	PASS
Band26	10MHz	64QAM	26740	1RB#0	21.84	50.00	PASS
Band26	10MHz	64QAM	26740	1RB#24	21.91	50.00	PASS
Band26	10MHz	64QAM	26740	1RB#49	21.78	50.00	PASS
Band26	10MHz	64QAM	26740	50RB#0	20.64	50.00	PASS

6. Field Strength of Spurious Radiation

Test Band = LTE Band26_10M_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1629.1800	43.76	-48.24	25.24	-74.50	-13.00	61.50	Horizontal
2	2443.7700	42.88	-47.37	27.14	-72.61	-13.00	59.61	Horizontal
3	3258.3600	42.40	-46.52	28.46	-70.92	-13.00	57.92	Horizontal
4	4072.9500	40.96	-45.98	29.28	-71.01	-13.00	58.01	Horizontal
5	4887.5400	41.34	-45.59	31.15	-68.35	-13.00	55.35	Horizontal
6	5702.1300	39.80	-44.57	32.64	-67.39	-13.00	54.39	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1629.1800	44.00	-48.24	25.24	-74.26	-13.00	61.26	Vertical
2	2443.7700	42.54	-47.37	27.14	-72.95	-13.00	59.95	Vertical
3	3258.3600	42.08	-46.52	28.46	-71.24	-13.00	58.24	Vertical
4	4072.9500	41.21	-45.98	29.28	-70.76	-13.00	57.76	Vertical
5	4887.5400	41.24	-45.59	31.15	-68.45	-13.00	55.45	Vertical
6	5702.1300	39.44	-44.57	32.64	-67.75	-13.00	54.75	Vertical

Remark:
1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:
AF = Antenna Factor(dB/m)
Factor = Cable Factor(dB) - Preamplifier (dB)
Level = Reading Level + AF + Factor -95.26
Margin = Limit – Level

---End of Attachment---