

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B26a_1.4MHz

Band: 26a / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	814.7	1	0	24.44	<=50	Pass
			2	24.38	<=50	Pass
			5	24.40	<=50	Pass
		3	0	24.38	<=50	Pass
			2	24.45	<=50	Pass
			3	24.47	<=50	Pass
		6	0	23.55	<=50	Pass
	819	1	0	24.20	<=50	Pass
			2	24.21	<=50	Pass
			5	24.23	<=50	Pass
		3	0	24.07	<=50	Pass
			2	24.19	<=50	Pass
			3	24.15	<=50	Pass
		6	0	23.31	<=50	Pass
	823.3	1	0	23.93	<=50	Pass
			2	24.08	<=50	Pass
			5	23.93	<=50	Pass
		3	0	23.99	<=50	Pass
			2	23.99	<=50	Pass
			3	23.88	<=50	Pass
		6	0	23.21	<=50	Pass
16QAM	814.7	1	0	23.67	<=50	Pass
			2	23.68	<=50	Pass
			5	23.71	<=50	Pass
		3	0	23.44	<=50	Pass
			2	23.67	<=50	Pass
			3	23.68	<=50	Pass
		6	0	22.57	<=50	Pass
	819	1	0	23.40	<=50	Pass
			2	23.40	<=50	Pass
			5	23.43	<=50	Pass
		3	0	23.38	<=50	Pass
			2	23.45	<=50	Pass
			3	23.45	<=50	Pass
		6	0	22.25	<=50	Pass
	823.3	1	0	23.11	<=50	Pass
			2	23.19	<=50	Pass
			5	23.12	<=50	Pass
		3	0	23.45	<=50	Pass
			2	23.42	<=50	Pass
			3	23.44	<=50	Pass
		6	0	22.24	<=50	Pass
64QAM	814.7	1	0	22.70	<=50	Pass
			2	22.70	<=50	Pass
			5	22.50	<=50	Pass
		3	0	22.78	<=50	Pass
			2	22.88	<=50	Pass
			3	22.87	<=50	Pass
		6	0	21.78	<=50	Pass
	819	1	0	22.26	<=50	Pass
			2	22.24	<=50	Pass
			5	22.26	<=50	Pass
		3	0	22.19	<=50	Pass
			2	22.33	<=50	Pass

		6	3	22.38	<=50	Pass
			0	21.38	<=50	Pass
	823.3	1	0	22.51	<=50	Pass
			2	22.62	<=50	Pass
			5	22.45	<=50	Pass
		3	0	22.49	<=50	Pass
			2	22.52	<=50	Pass
			3	22.40	<=50	Pass
		6	0	21.24	<=50	Pass

1.1.2 B26a_3MHz

Band: 26a / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	1	0	24.24	<=50	Pass
			7	24.27	<=50	Pass
			14	24.19	<=50	Pass
		8	0	23.53	<=50	Pass
			4	23.50	<=50	Pass
			7	23.43	<=50	Pass
		15	0	23.52	<=50	Pass
	819	1	0	24.21	<=50	Pass
			7	24.12	<=50	Pass
			14	24.14	<=50	Pass
		8	0	23.43	<=50	Pass
			4	23.36	<=50	Pass
			7	23.32	<=50	Pass
		15	0	23.38	<=50	Pass
	822.5	1	0	24.07	<=50	Pass
			7	24.09	<=50	Pass
			14	24.03	<=50	Pass
		8	0	23.29	<=50	Pass
			4	23.23	<=50	Pass
			7	23.28	<=50	Pass
		15	0	23.24	<=50	Pass
16QAM	815.5	1	0	24.15	<=50	Pass
			7	24.05	<=50	Pass
			14	23.96	<=50	Pass
		8	0	22.66	<=50	Pass
			4	22.65	<=50	Pass
			7	22.63	<=50	Pass
		15	0	22.56	<=50	Pass
	819	1	0	23.58	<=50	Pass
			7	23.54	<=50	Pass
			14	23.47	<=50	Pass
		8	0	22.38	<=50	Pass
			4	22.39	<=50	Pass
			7	22.31	<=50	Pass
		15	0	22.35	<=50	Pass
	822.5	1	0	23.25	<=50	Pass
			7	23.29	<=50	Pass
			14	23.23	<=50	Pass
		8	0	22.37	<=50	Pass
			4	22.34	<=50	Pass
			7	22.34	<=50	Pass
		15	0	22.31	<=50	Pass
64QAM	815.5	1	0	22.81	<=50	Pass
			7	22.72	<=50	Pass
			14	22.60	<=50	Pass
		8	0	21.64	<=50	Pass
			4	21.64	<=50	Pass

			7	21.59	<=50	Pass
		15	0	21.49	<=50	Pass
	819	1	0	22.48	<=50	Pass
			7	22.38	<=50	Pass
			14	22.41	<=50	Pass
		8	0	21.26	<=50	Pass
			4	21.25	<=50	Pass
			7	21.17	<=50	Pass
		15	0	21.50	<=50	Pass
	822.5	1	0	22.16	<=50	Pass
			7	22.22	<=50	Pass
			14	22.00	<=50	Pass
		8	0	21.29	<=50	Pass
			4	21.25	<=50	Pass
			7	21.28	<=50	Pass
		15	0	21.30	<=50	Pass

1.1.3 B26a_5MHz

Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	1	0	24.42	<=50	Pass
			13	24.25	<=50	Pass
			24	24.22	<=50	Pass
		12	0	23.50	<=50	Pass
			6	23.50	<=50	Pass
			13	23.33	<=50	Pass
		25	0	23.43	<=50	Pass
	819	1	0	24.25	<=50	Pass
			13	24.21	<=50	Pass
			24	24.10	<=50	Pass
		12	0	23.34	<=50	Pass
			6	23.46	<=50	Pass
			13	23.34	<=50	Pass
		25	0	23.39	<=50	Pass
	821.5	1	0	24.13	<=50	Pass
			13	24.09	<=50	Pass
			24	23.97	<=50	Pass
		12	0	23.32	<=50	Pass
			6	23.29	<=50	Pass
			13	23.25	<=50	Pass
		25	0	23.32	<=50	Pass
16QAM	816.5	1	0	23.42	<=50	Pass
			13	23.33	<=50	Pass
			24	23.31	<=50	Pass
		12	0	22.52	<=50	Pass
			6	22.55	<=50	Pass
			13	22.36	<=50	Pass
		25	0	22.42	<=50	Pass
	819	1	0	23.72	<=50	Pass
			13	23.69	<=50	Pass
			24	23.58	<=50	Pass
		12	0	22.42	<=50	Pass
			6	22.51	<=50	Pass
			13	22.39	<=50	Pass
		25	0	22.34	<=50	Pass
	821.5	1	0	23.47	<=50	Pass
			13	23.42	<=50	Pass
			24	23.24	<=50	Pass
		12	0	22.25	<=50	Pass
			6	22.26	<=50	Pass

64QAM			13	22.25	<=50	Pass
			25	22.36	<=50	Pass
	816.5	1	0	22.59	<=50	Pass
			13	22.41	<=50	Pass
			24	22.44	<=50	Pass
		12	0	21.44	<=50	Pass
			6	21.46	<=50	Pass
			13	21.30	<=50	Pass
			25	21.45	<=50	Pass
	819	1	0	22.56	<=50	Pass
			13	22.53	<=50	Pass
			24	22.46	<=50	Pass
		12	0	21.34	<=50	Pass
			6	21.46	<=50	Pass
			13	21.33	<=50	Pass
			25	21.41	<=50	Pass
	821.5	1	0	22.46	<=50	Pass
			13	22.45	<=50	Pass
			24	22.35	<=50	Pass
		12	0	21.40	<=50	Pass
			6	21.37	<=50	Pass
			13	21.32	<=50	Pass
			25	21.33	<=50	Pass

1.1.4 B26a_10MHz

Band: 26a / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	1	0	24.43	<=50	Pass
			25	24.16	<=50	Pass
			49	24.45	<=50	Pass
		25	0	23.52	<=50	Pass
			13	23.41	<=50	Pass
			25	23.49	<=50	Pass
		50	0	23.48	<=50	Pass
16QAM	819	1	0	24.25	<=50	Pass
			25	23.93	<=50	Pass
			49	24.08	<=50	Pass
		25	0	22.49	<=50	Pass
			13	22.47	<=50	Pass
			25	22.53	<=50	Pass
		50	0	22.44	<=50	Pass
64QAM	819	1	0	22.88	<=50	Pass
			25	22.50	<=50	Pass
			49	22.88	<=50	Pass
		25	0	21.49	<=50	Pass
			13	21.42	<=50	Pass
			25	21.51	<=50	Pass
		50	0	21.48	<=50	Pass

2. Frequency Stability

2.1 Test Result

2.1.1 B26a_10MHz

Band: 26a / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	819	50	0	20	3.27	0.412	0.0005	-2.5 to 2.5	Pass
					3.85	1.013	0.0012	-2.5 to 2.5	Pass
					4.43	0.553	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.978	0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.141	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.401	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-0.046	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.080	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-1.247	-0.0015	-2.5 to 2.5	Pass
				40	3.85	0.473	0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.161	-0.0002	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band26a_OBW

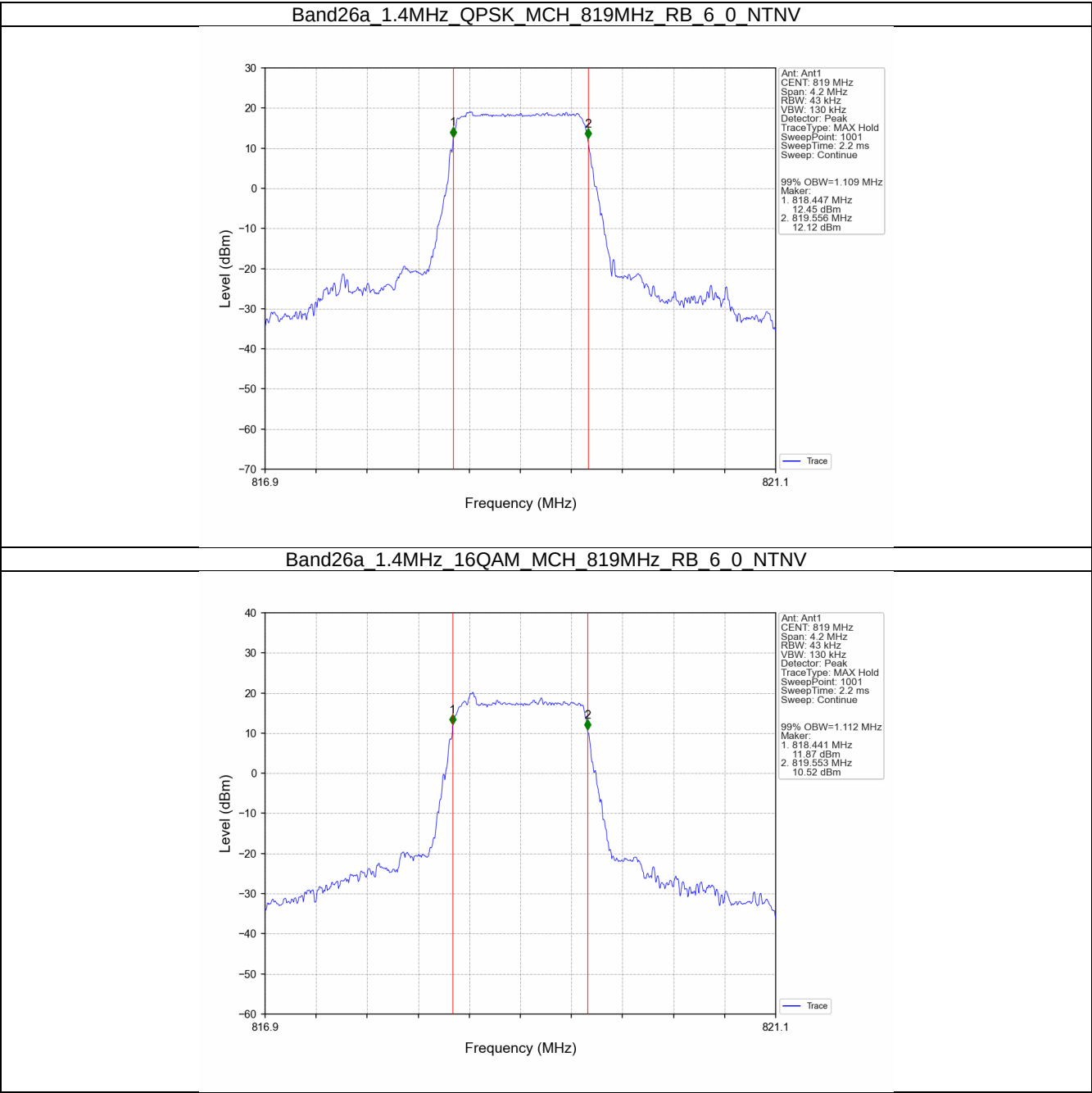
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	819	6	0	1.109	/	Pass
	16QAM	819	6	0	1.112	/	Pass
3	QPSK	819	15	0	2.742	/	Pass
	16QAM	819	15	0	2.757	/	Pass
5	QPSK	819	25	0	4.558	/	Pass
	16QAM	819	25	0	4.540	/	Pass
10	QPSK	819	50	0	9.051	/	Pass
	16QAM	819	50	0	9.037	/	Pass

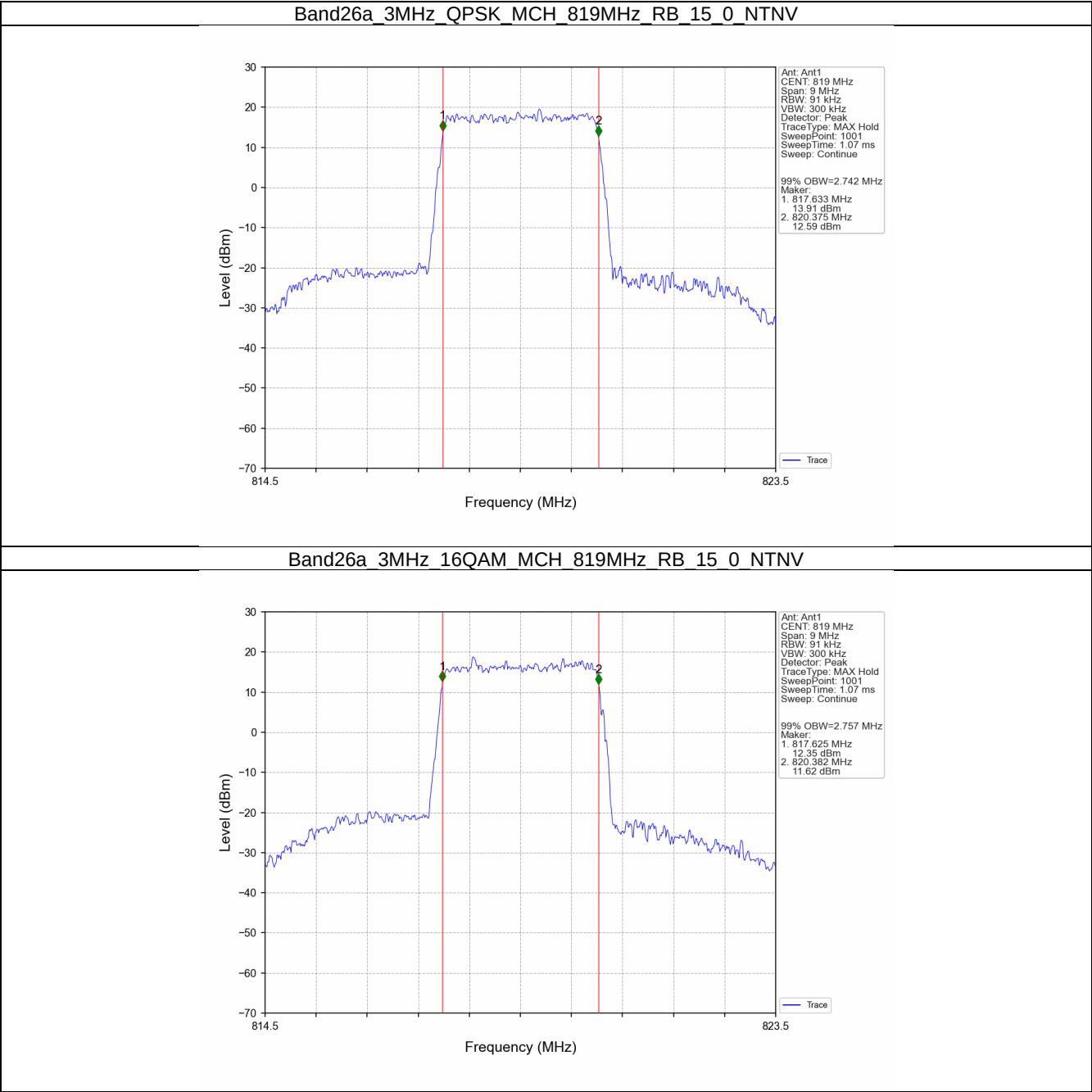
3.1.2 Band26a_XDB

Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	819	6	0	1.328	/	Pass
	16QAM	819	6	0	1.300	/	Pass
3	QPSK	819	15	0	3.055	/	Pass
	16QAM	819	15	0	3.075	/	Pass
5	QPSK	819	25	0	5.037	/	Pass
	16QAM	819	25	0	5.119	/	Pass
10	QPSK	819	50	0	10.018	/	Pass
	16QAM	819	50	0	10.025	/	Pass

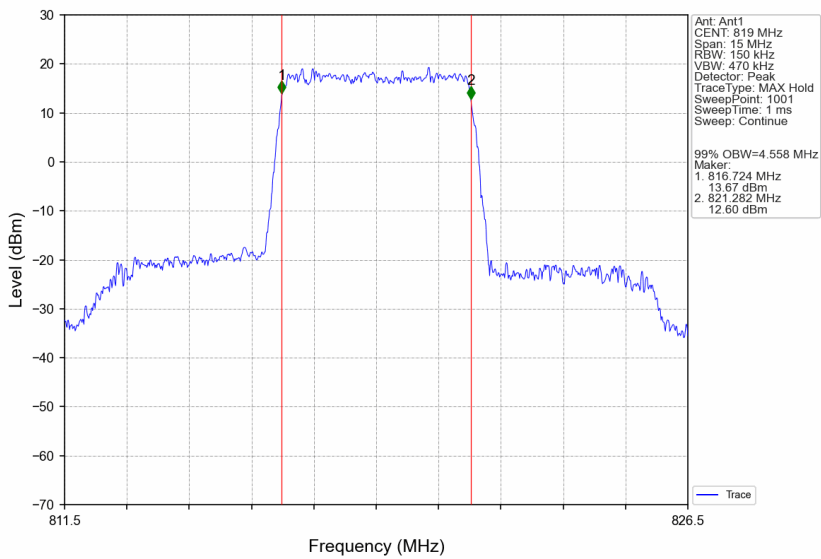
3.2 Test Graph

3.2.1 Band26a_OBW

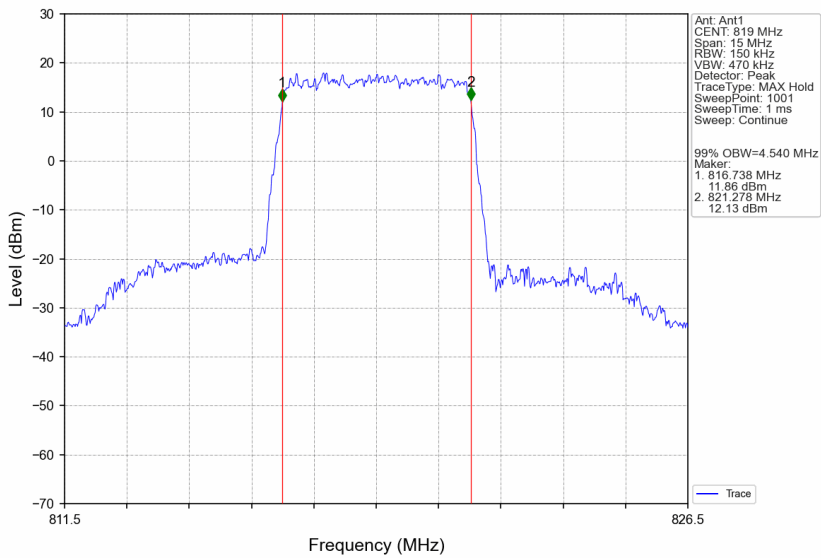


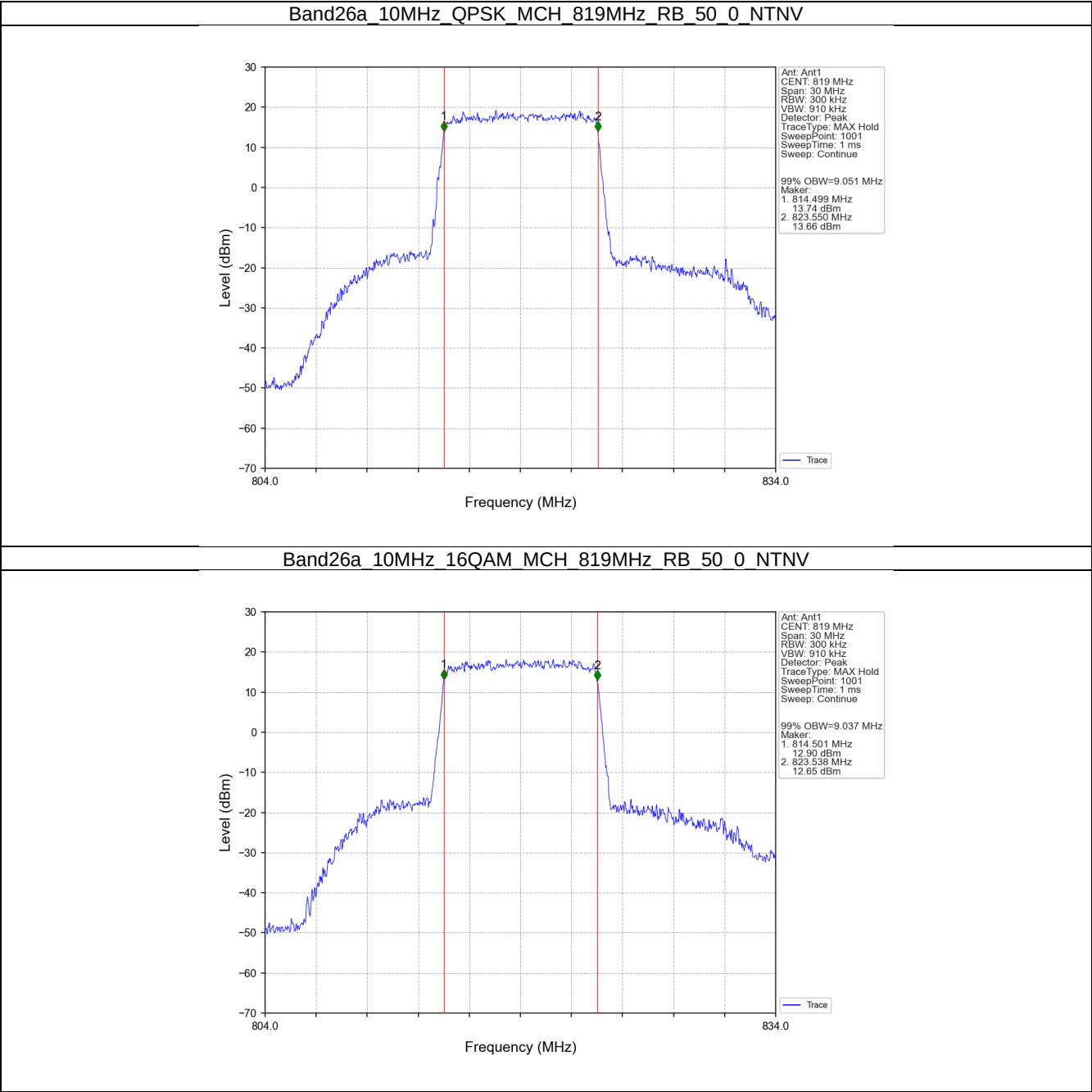


Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV

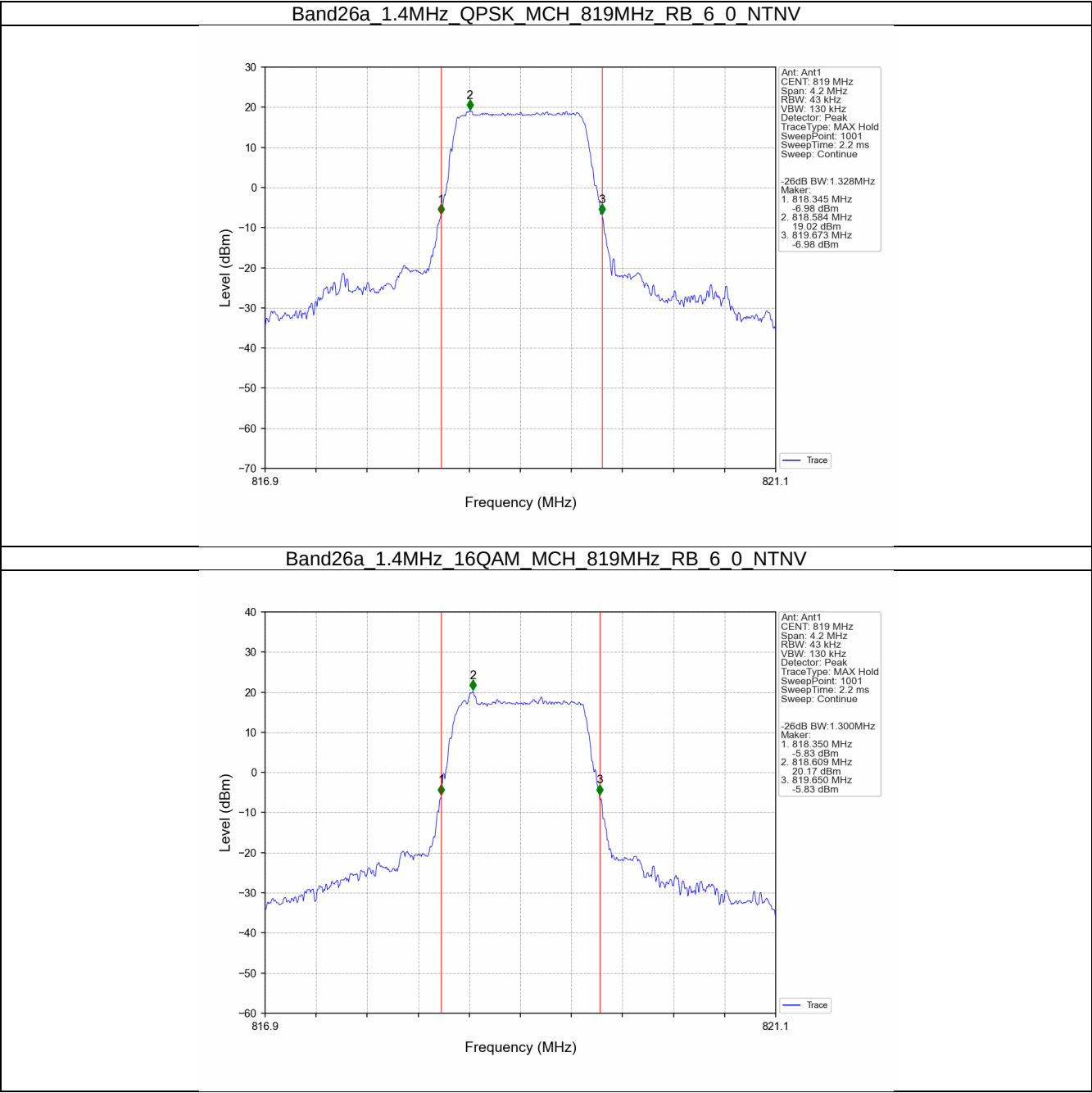


Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV

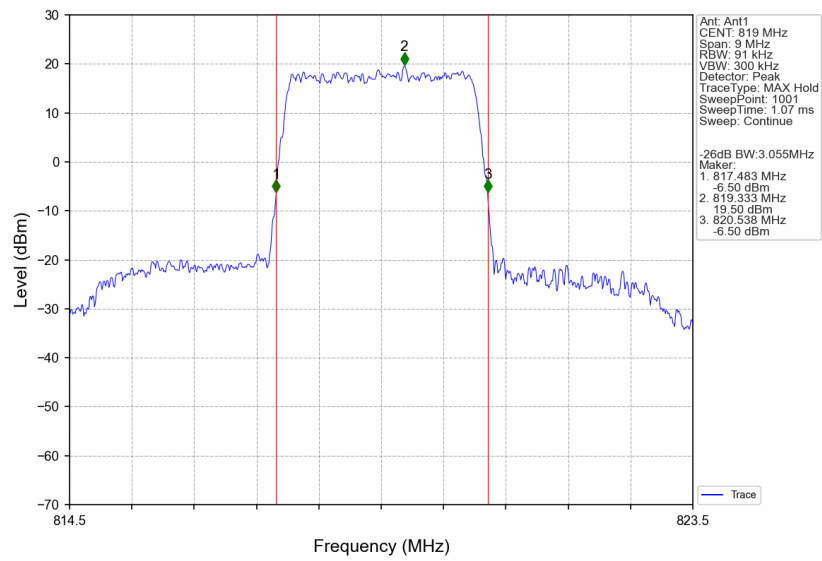




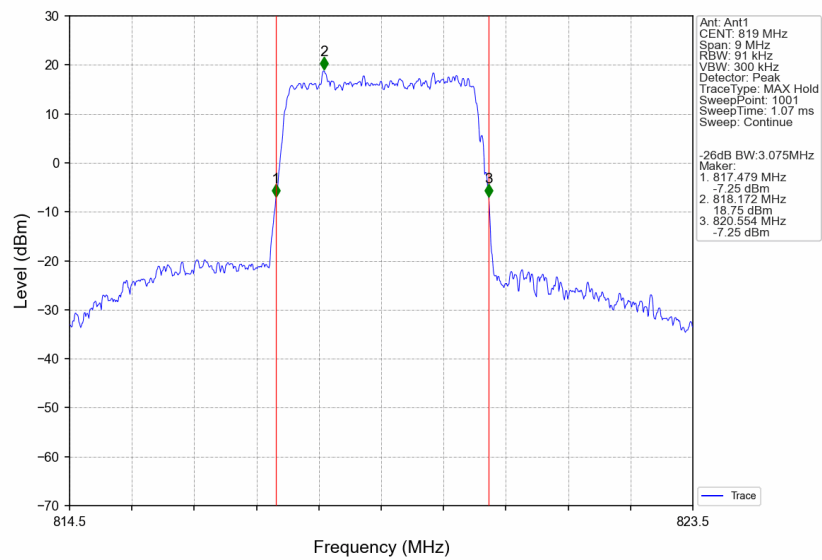
3.2.2 Band26a_XDB



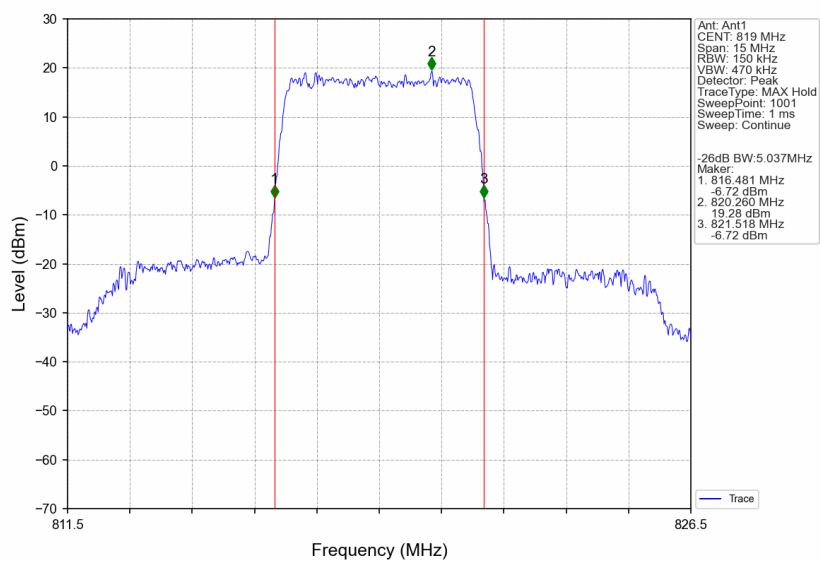
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



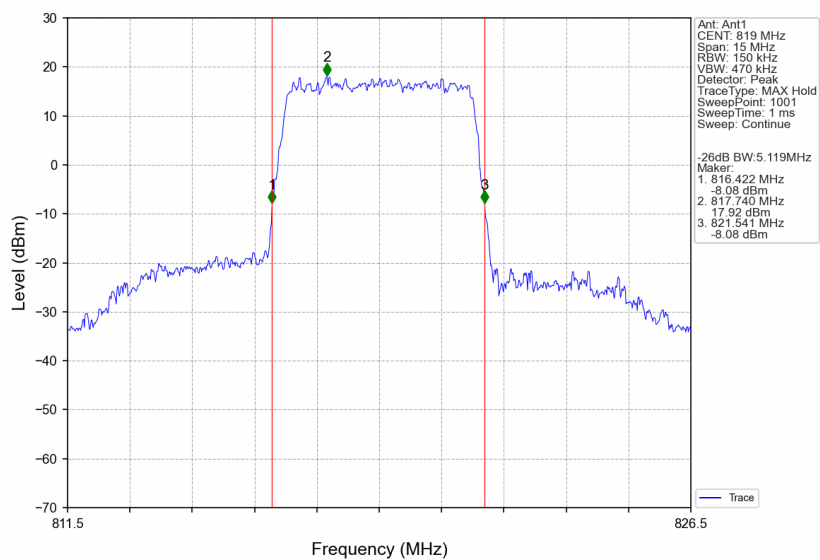
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV

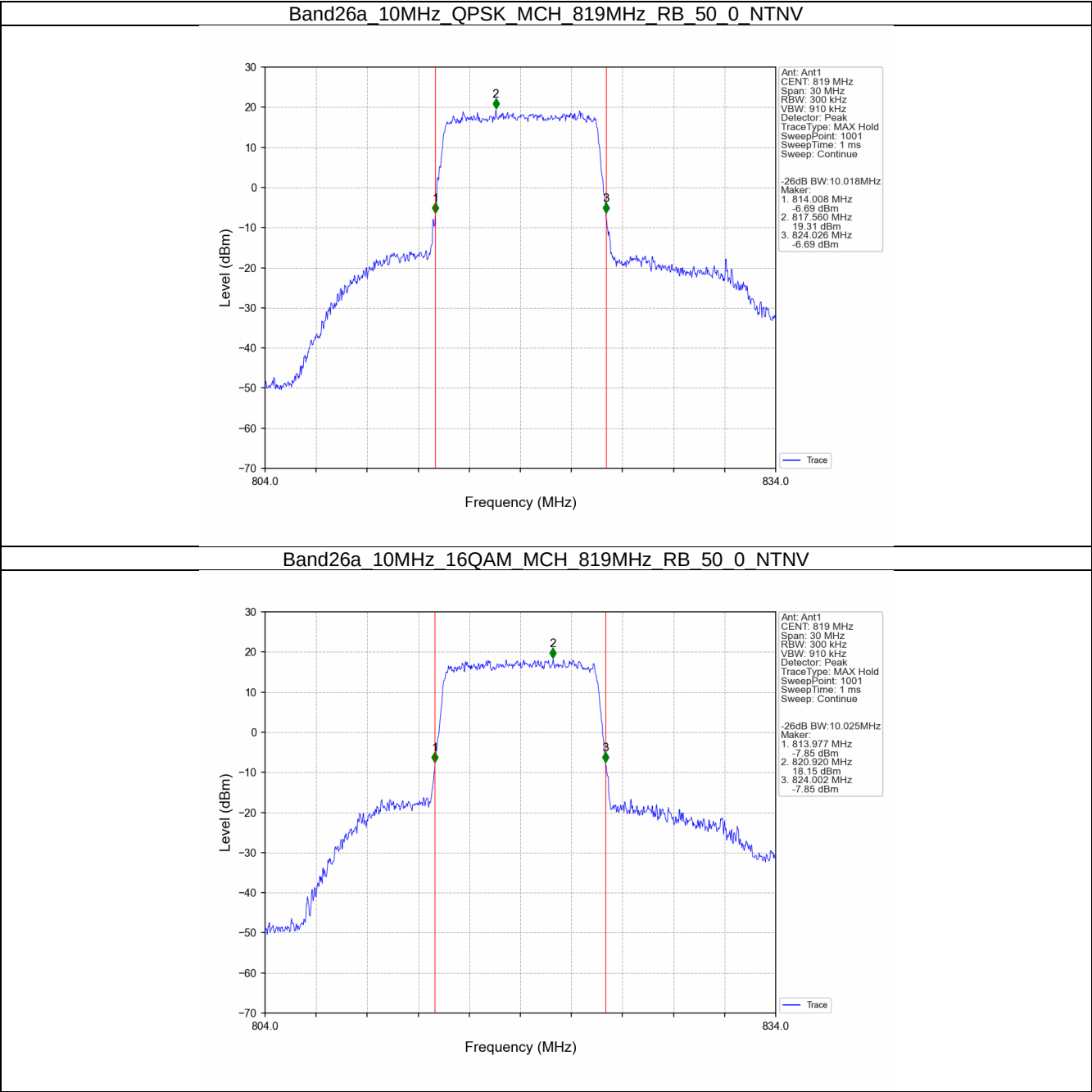


Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV





4. Peak-Average Ratio

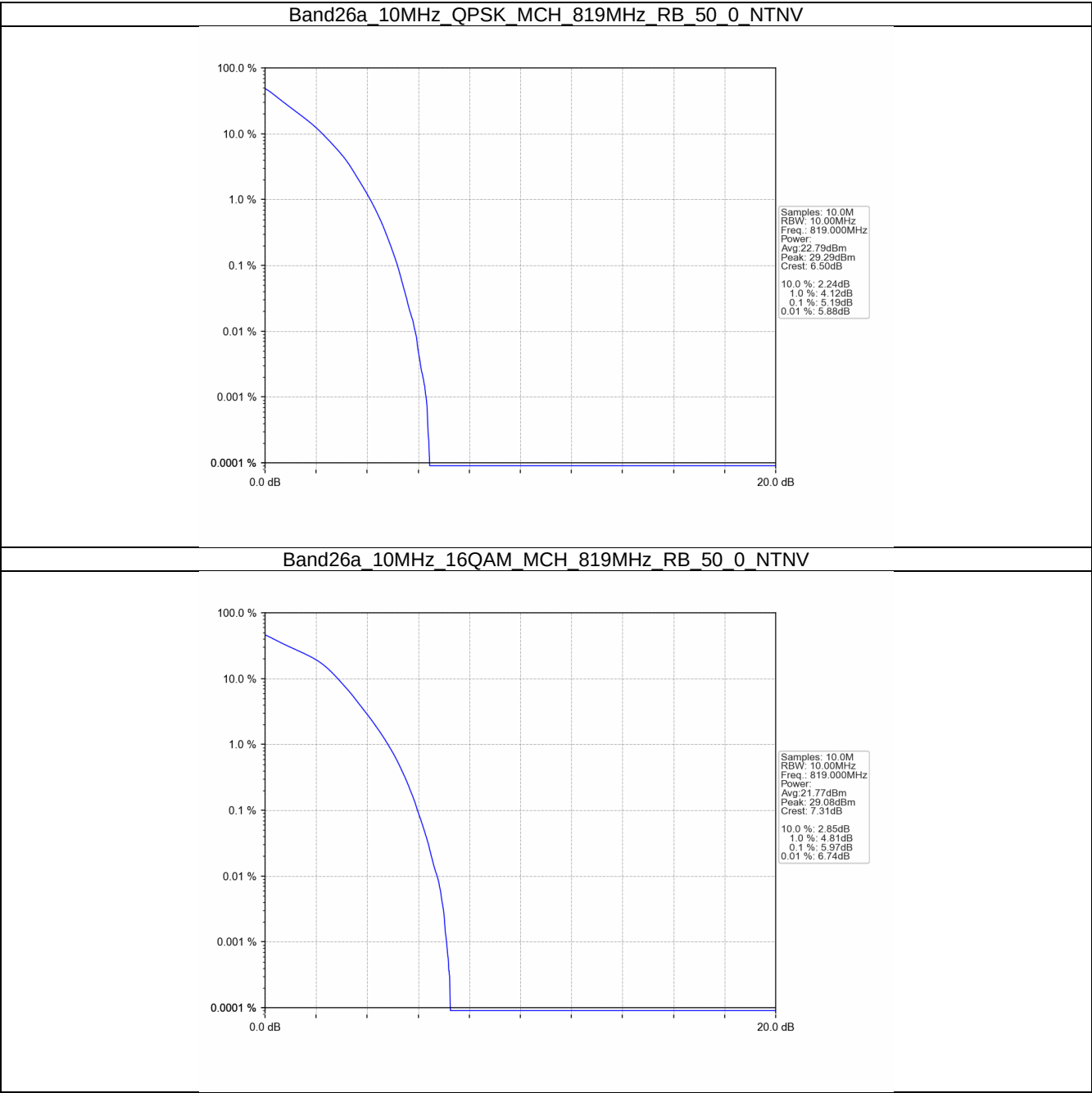
4.1 Test Result

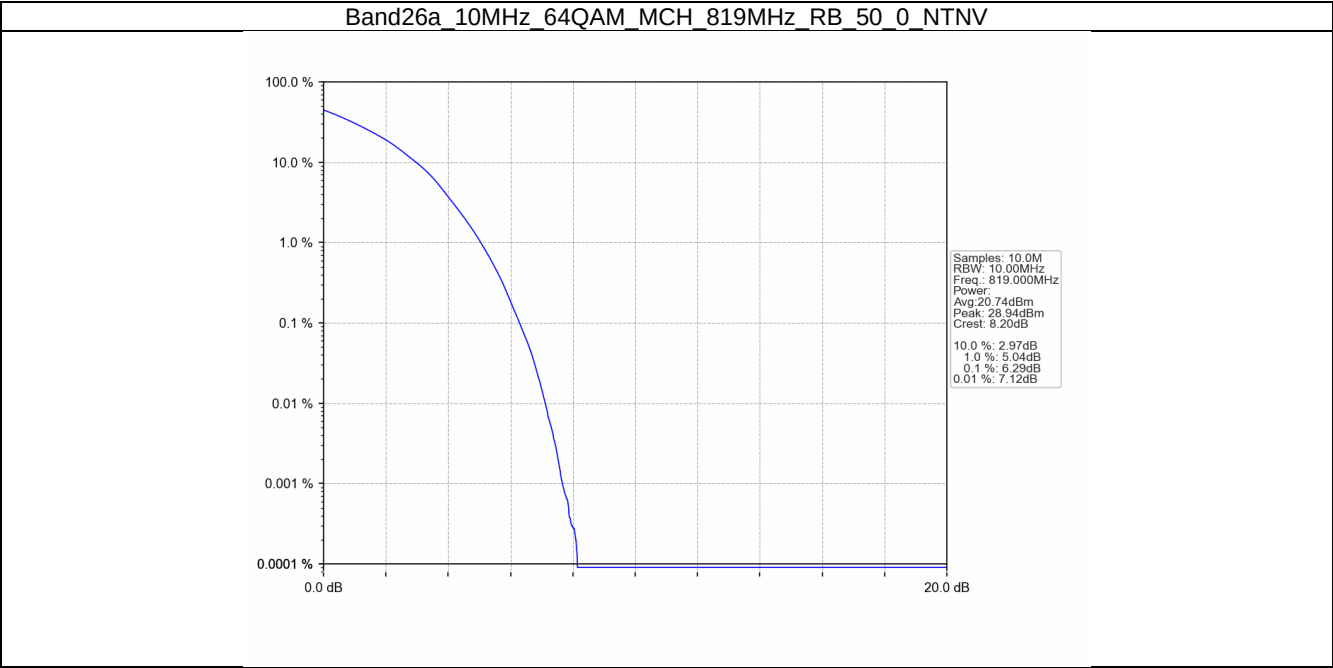
4.1.1 B26a_10MHz

Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.19	<=13	Pass
16QAM	819	50	0	5.97	<=13	Pass
64QAM	819	50	0	6.29	<=13	Pass

4.2 Test Graph

4.2.1 B26a_10MHz





5. Spurious Emission

5.1 Test Result

5.1.1 B26a_1.4MHz

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

5.1.2 B26a_3MHz

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

5.1.3 B26a_5MHz

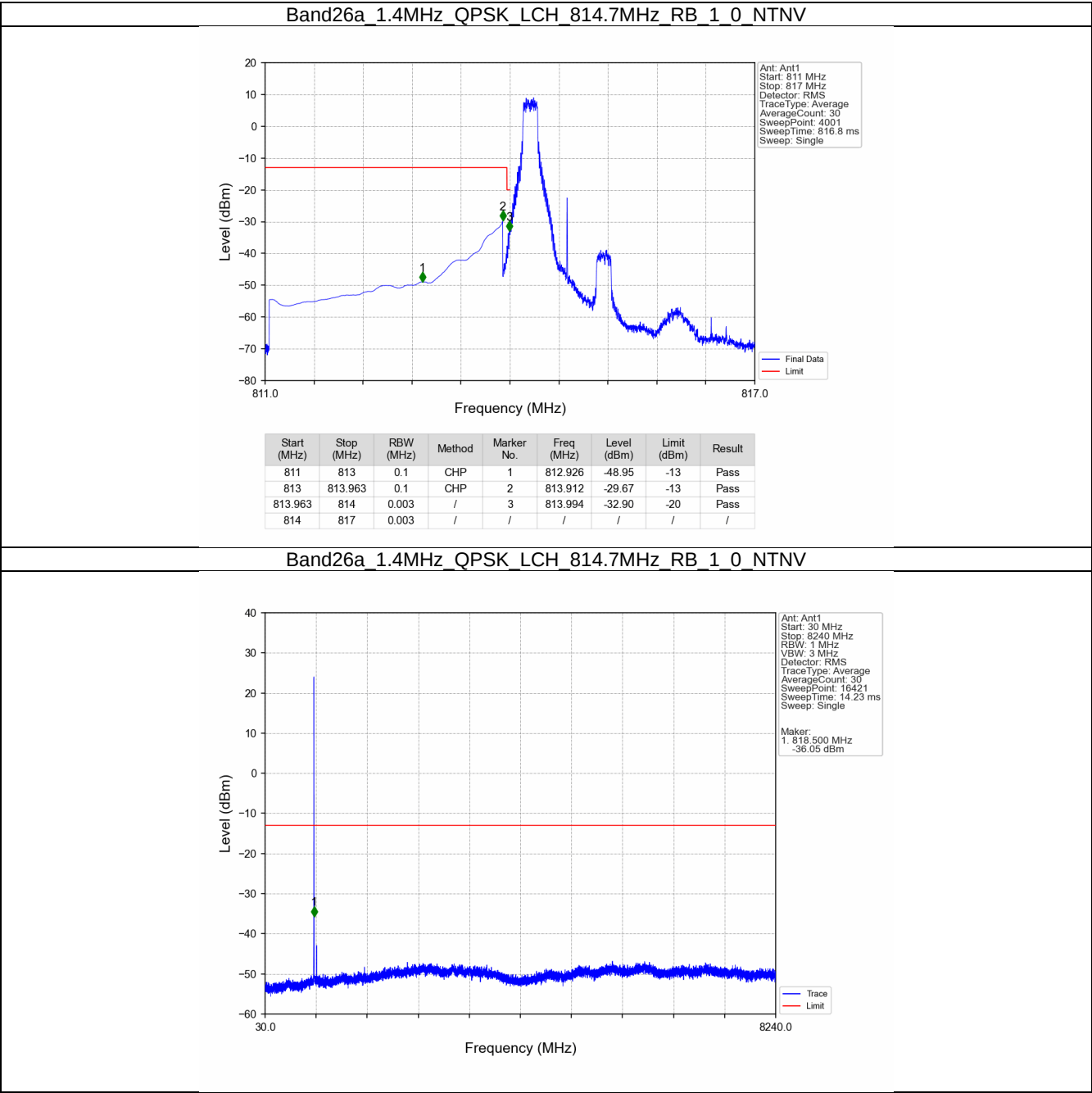
Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	821.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.4 B26a_10MHz

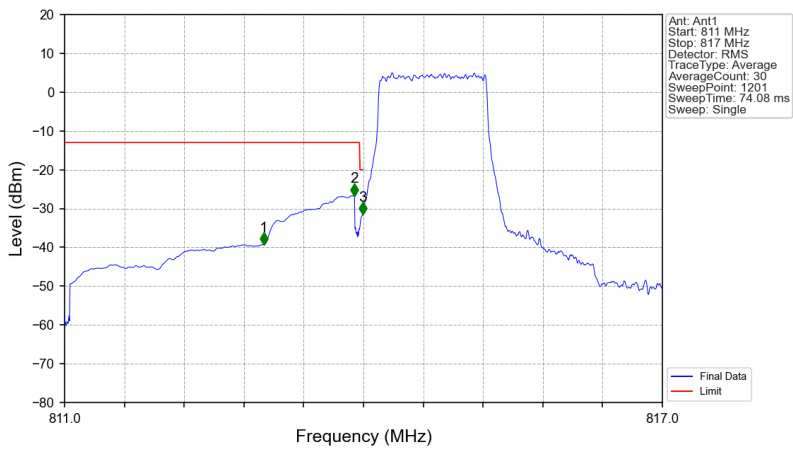
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	819	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	819	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.2 Test Graph

5.2.1 B26a_1.4MHz

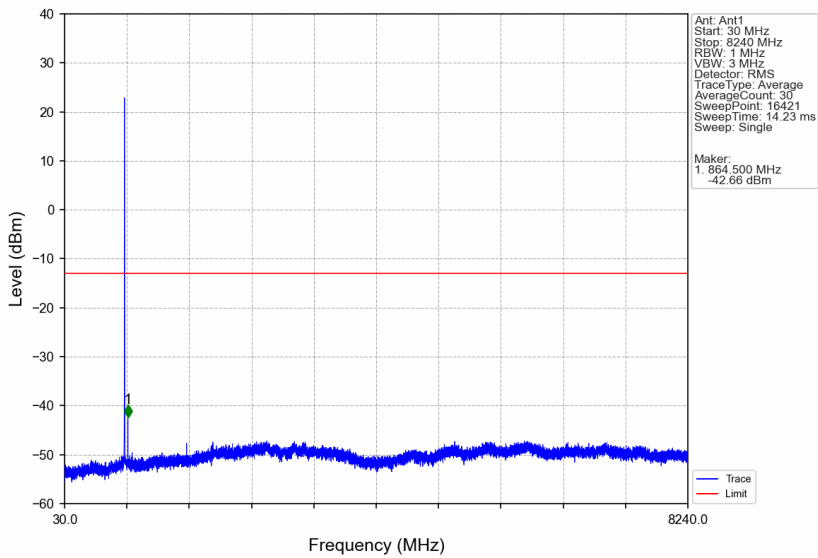


Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV

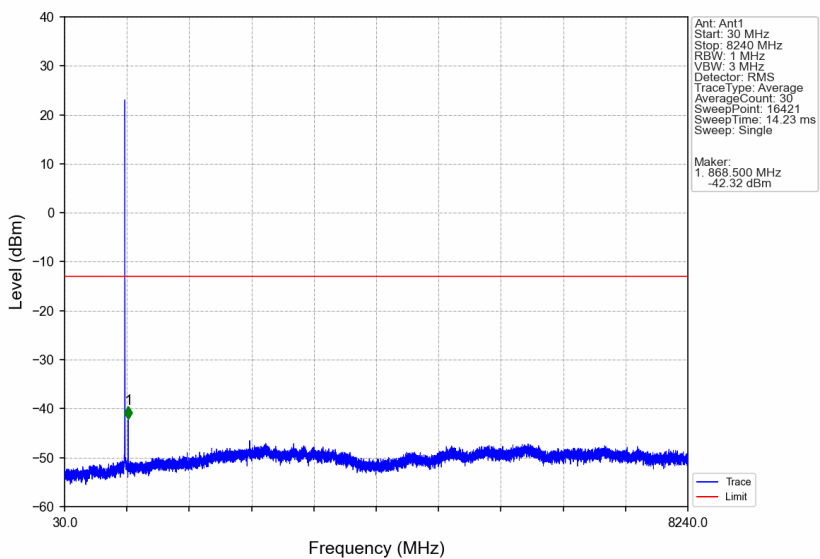


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	813.000	-39.25	-13	Pass
813	813.963	0.1	CHP	2	813.910	-26.67	-13	Pass
813.963	814	0.013	CHP	3	813.995	-31.45	-20	Pass
814	817	0.013	CHP	/	/	/	/	/

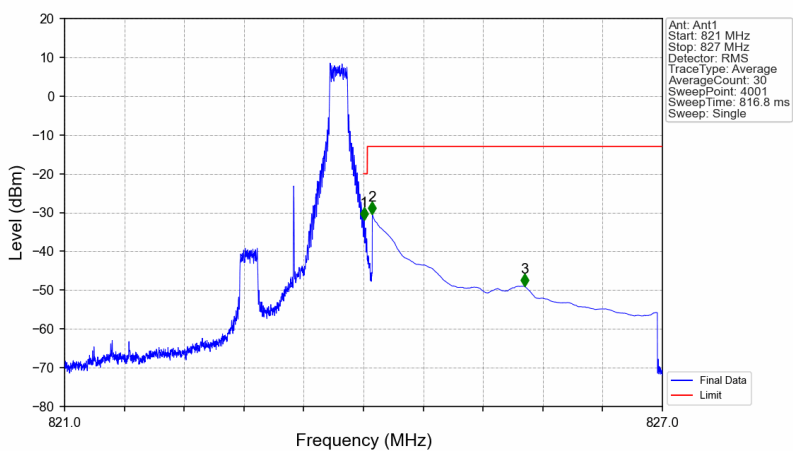
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



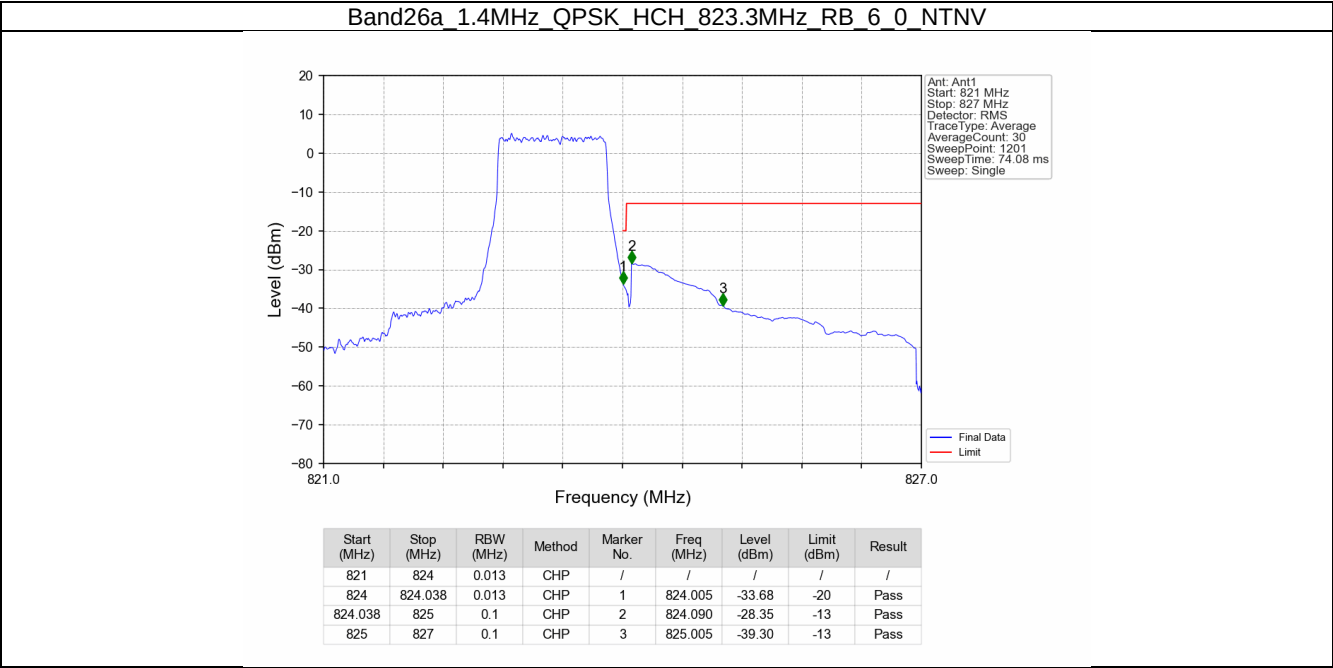
Band26a 1.4MHz QPSK HCH 823.3MHz RB 1_0 NTN



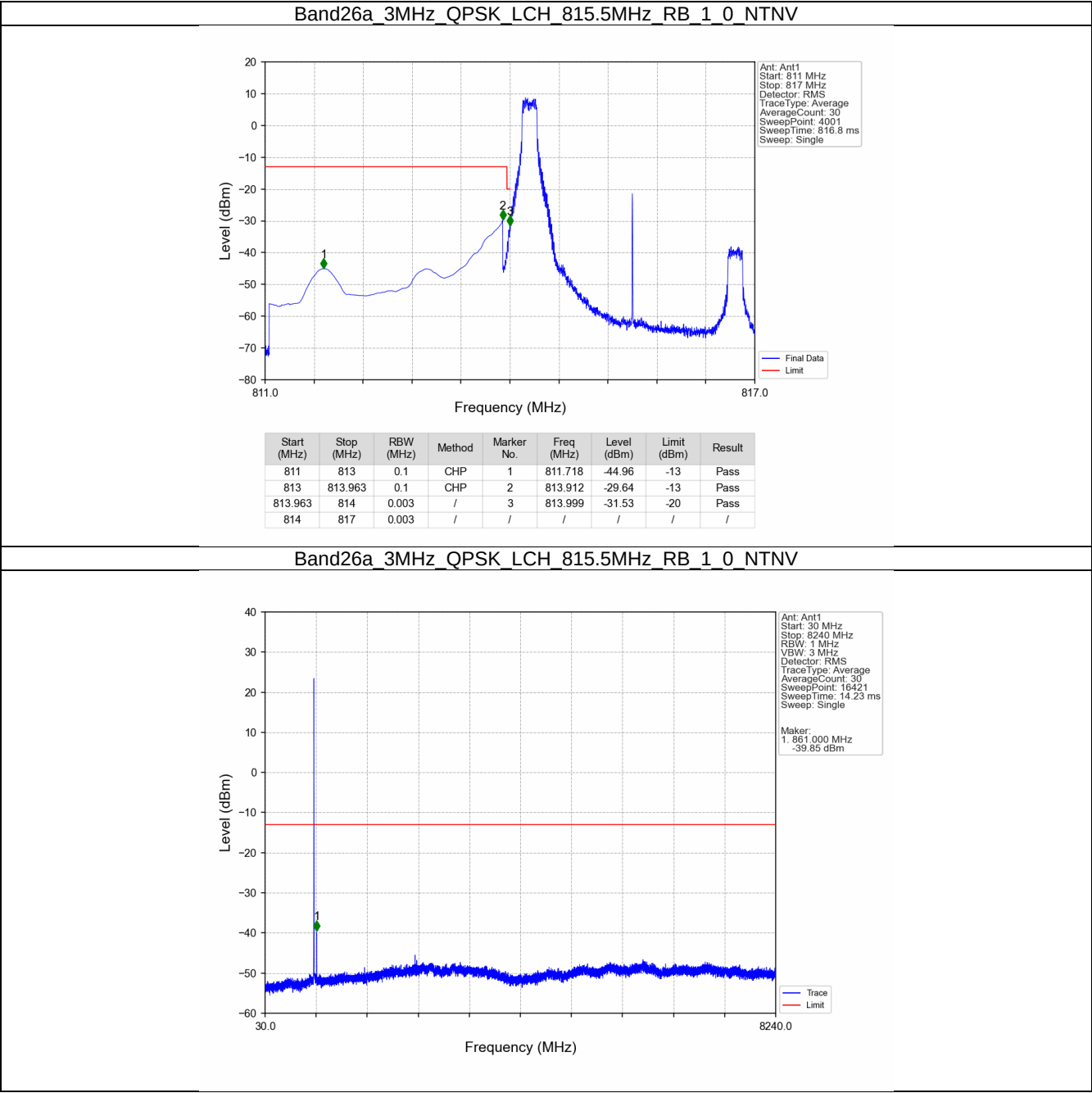
Band26a 1.4MHz QPSK HCH 823.3MHz RB 1_5 NTN



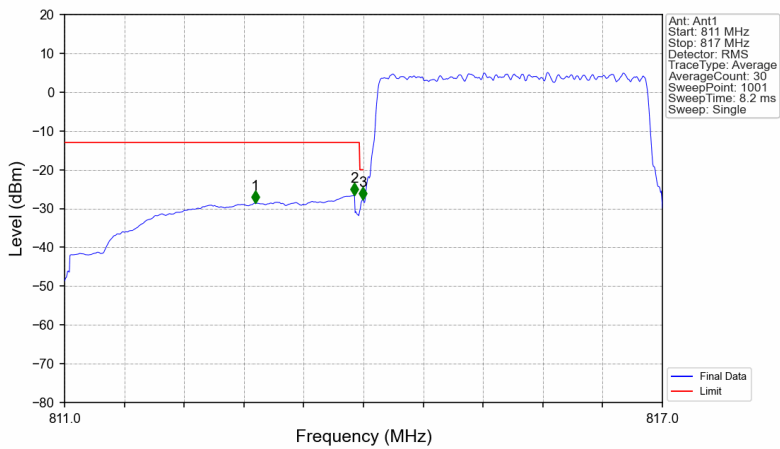
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.006	-31.80	-20	Pass
824.038	825	0.1	CHP	2	824.088	-30.39	-13	Pass
825	827	0.1	CHP	3	825.617	-48.95	-13	Pass



5.2.2 B26a_3MHz

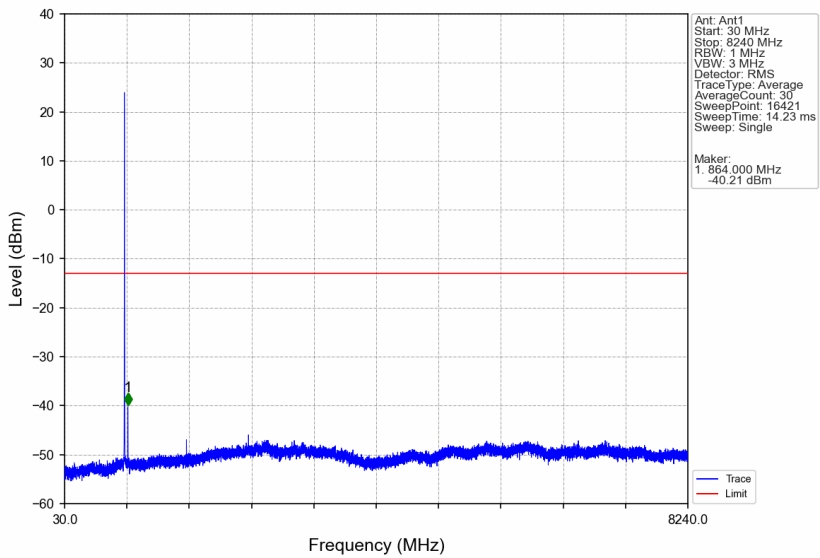


Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV

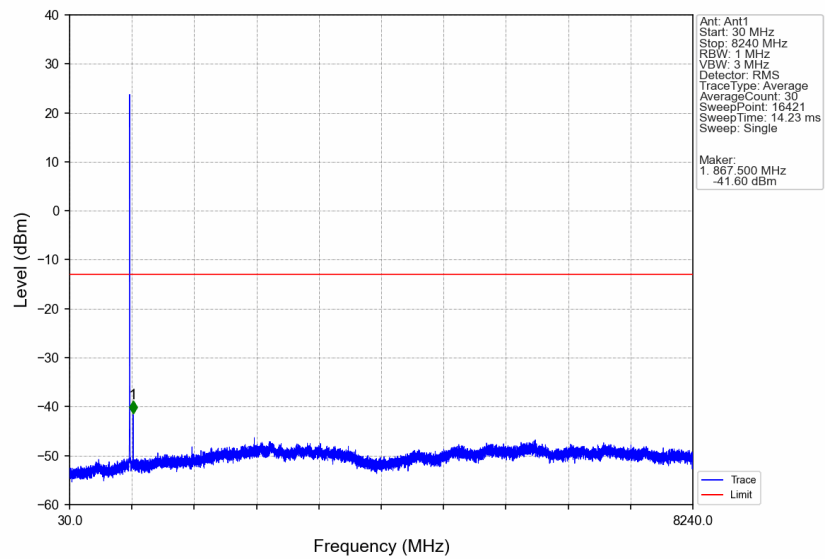


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.914	-28.62	-13	Pass
813	813.963	0.1	CHP	2	813.910	-26.55	-13	Pass
813.963	814	0.031	CHP	3	813.994	-27.75	-20	Pass
814	817	0.031	CHP	/	/	/	/	/

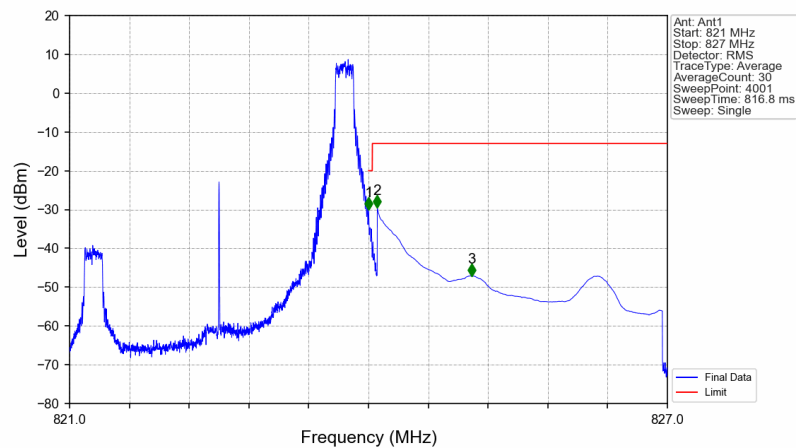
Band26a_3MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



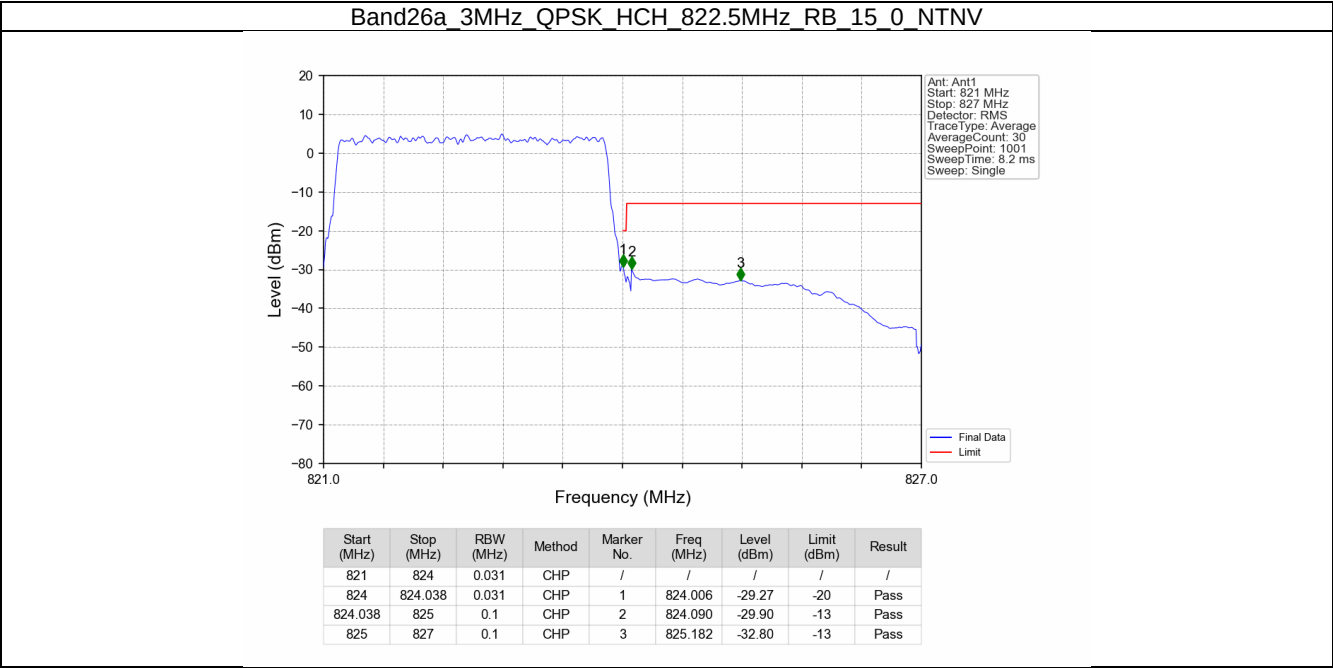
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_0_NTNV



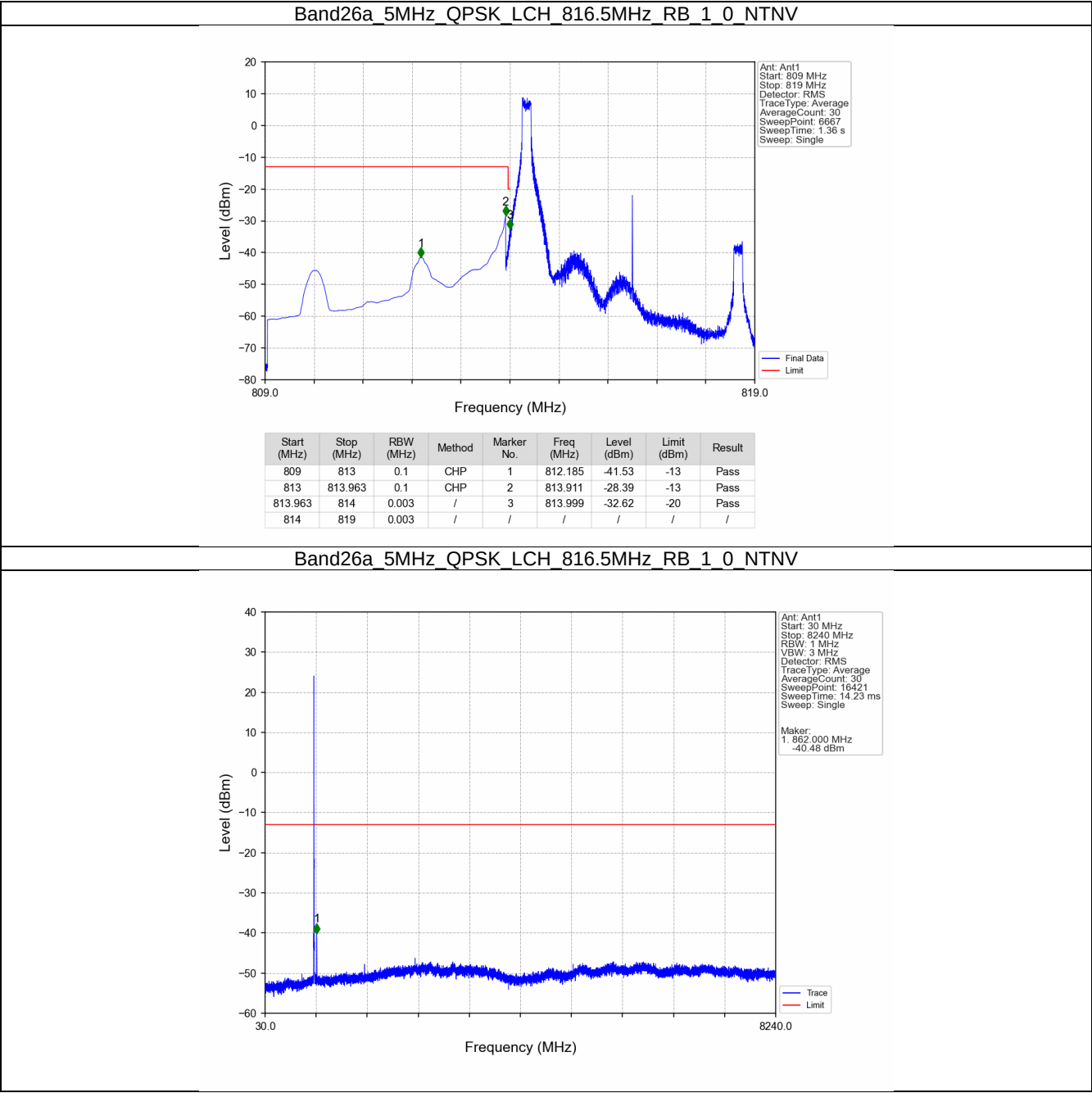
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_14_NTNV



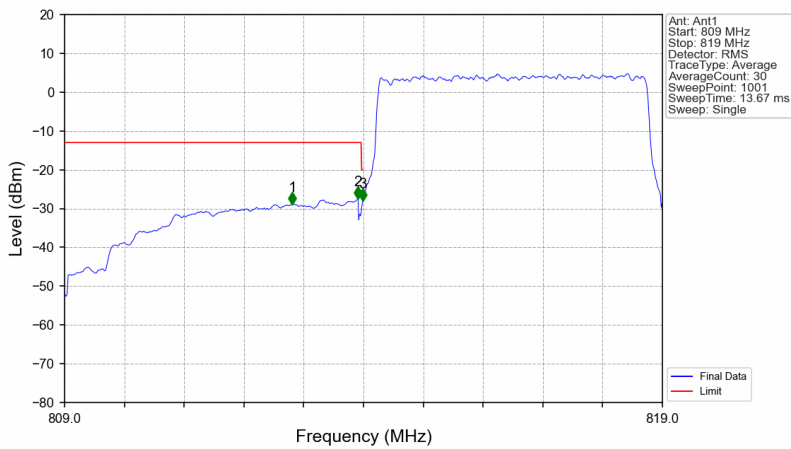
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.001	-30.07	-20	Pass
824.038	825	0.1	CHP	2	824.088	-29.53	-13	Pass
825	827	0.1	CHP	3	825.034	-47.08	-13	Pass



5.2.3 B26a_5MHz

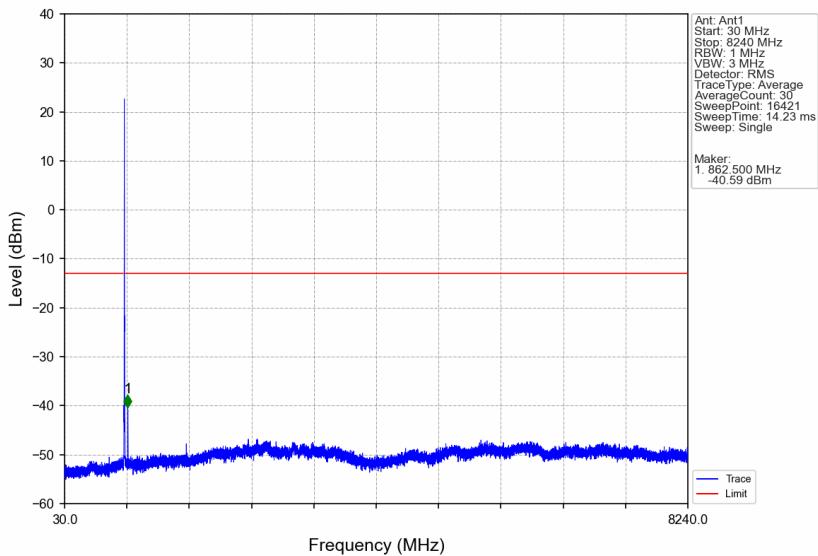


Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV

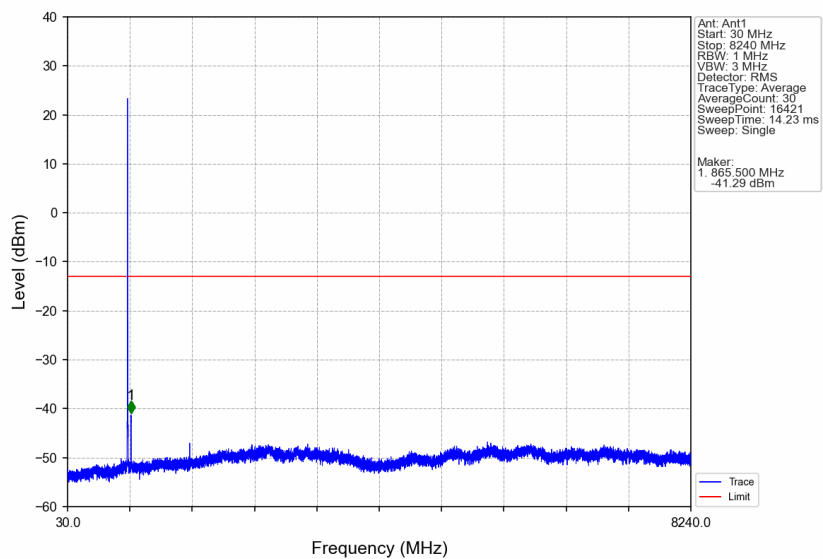


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.810	-28.89	-13	Pass
813	813.963	0.1	CHP	2	813.910	-27.45	-13	Pass
813.963	814	0.05	CHP	3	813.990	-27.97	-20	Pass
814	819	0.05	CHP	/	/	/	/	/

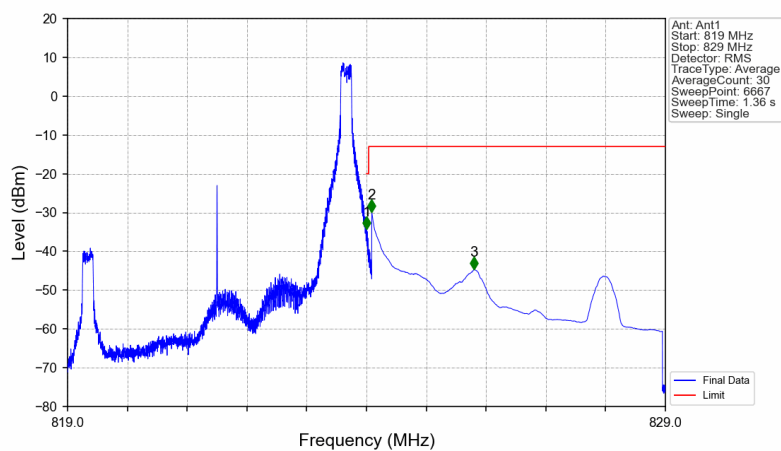
Band26a_5MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



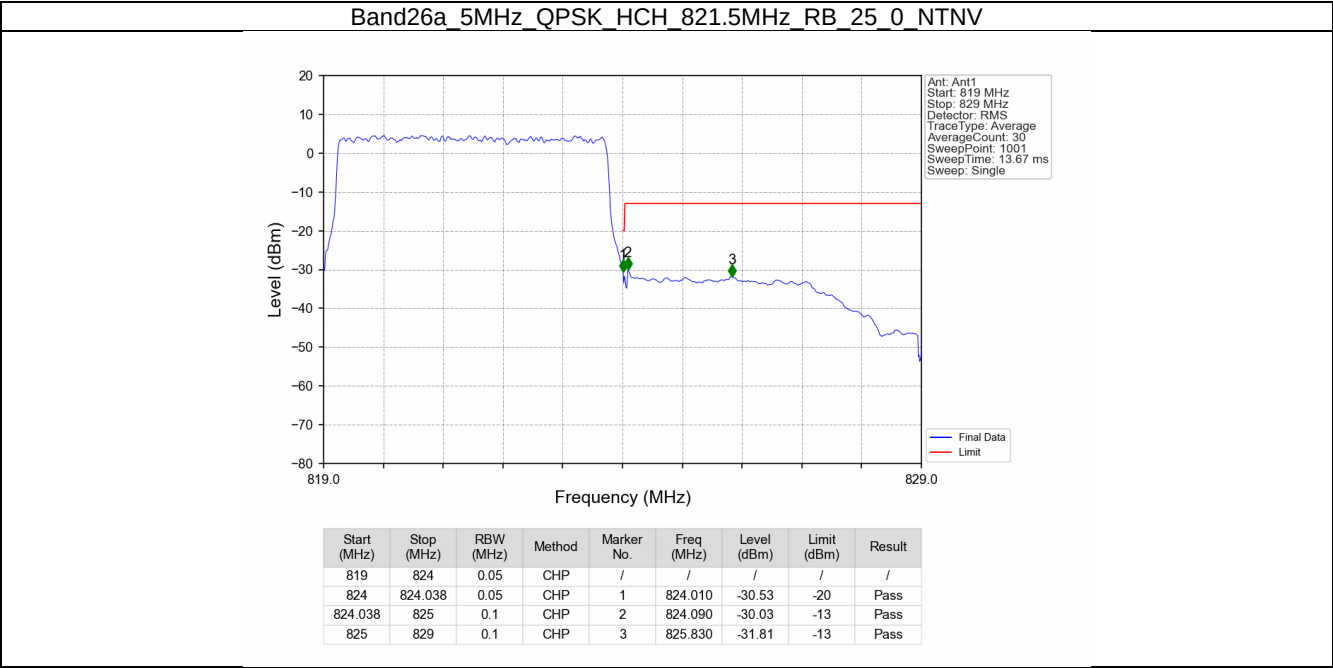
Band26a 5MHz QPSK HCH 821.5MHz RB 1 0 NTV



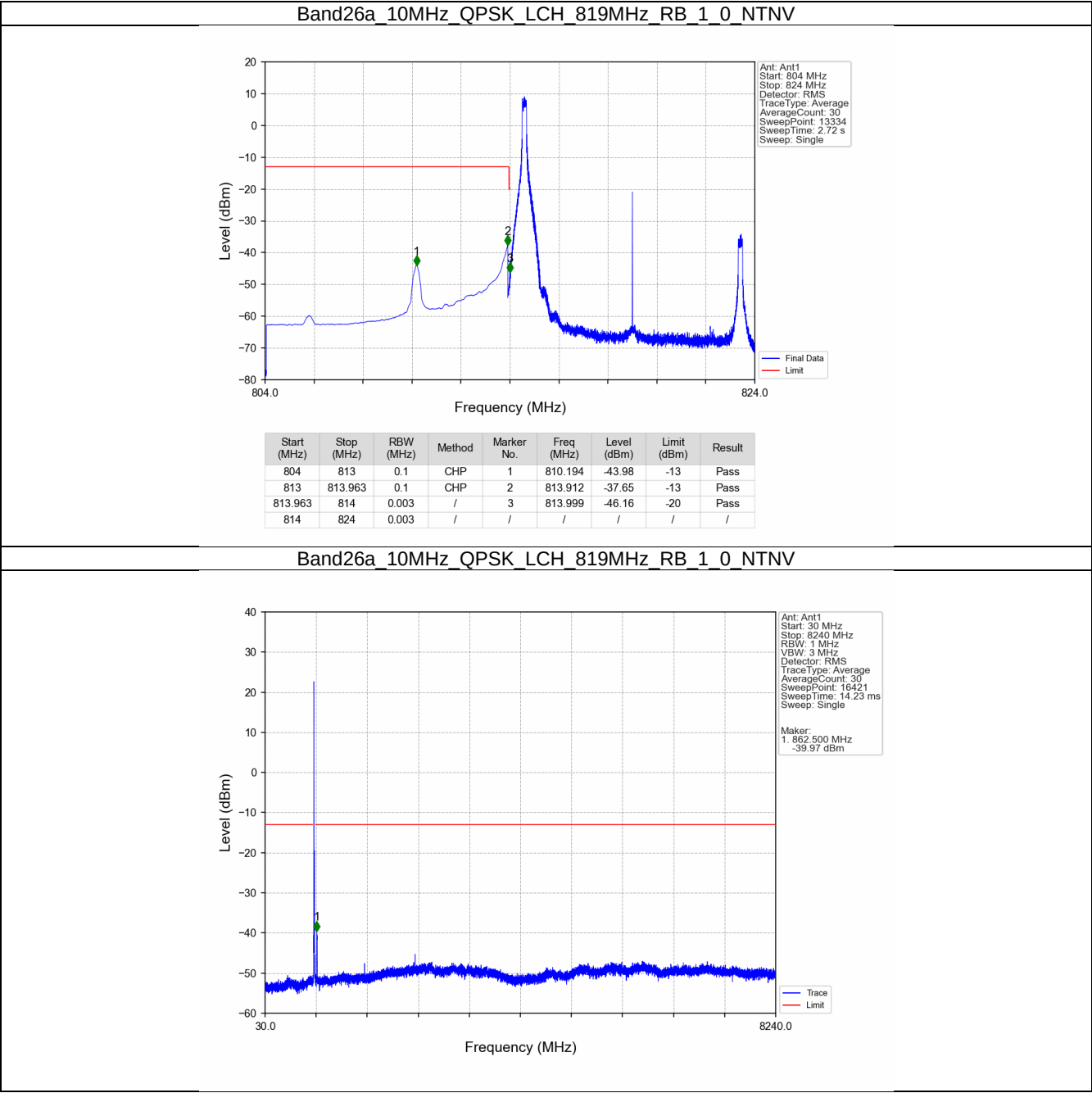
Band26a 5MHz QPSK HCH 821.5MHz RB 1 24 NTV



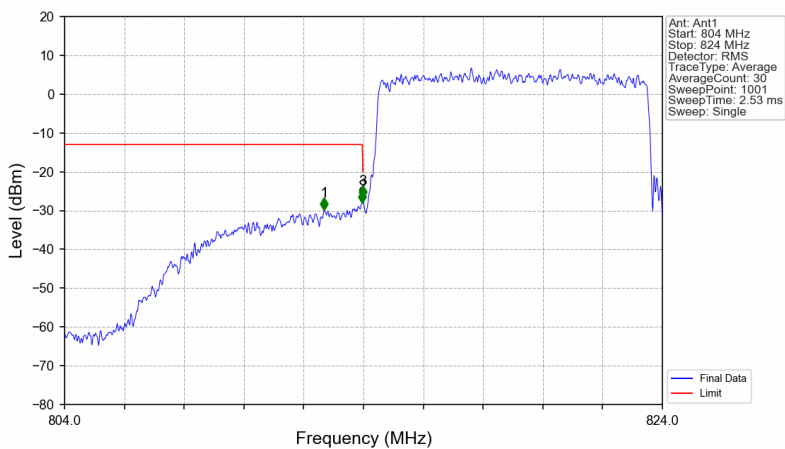
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.001	-34.19	-20	Pass
824.038	825	0.1	CHP	2	824.038	-29.83	-13	Pass
825	829	0.1	CHP	3	825.799	-44.62	-13	Pass



5.2.4 B26a_10MHz

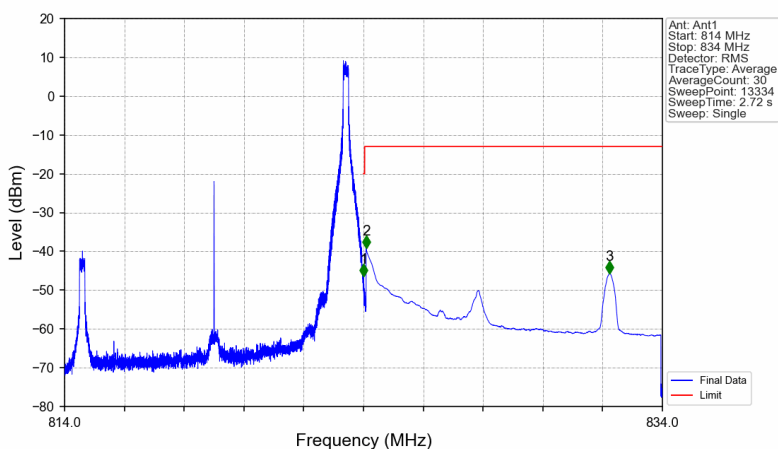


Band26a_10MHz_QPSK_LCH_819MHz_RB_50_0_NTNV

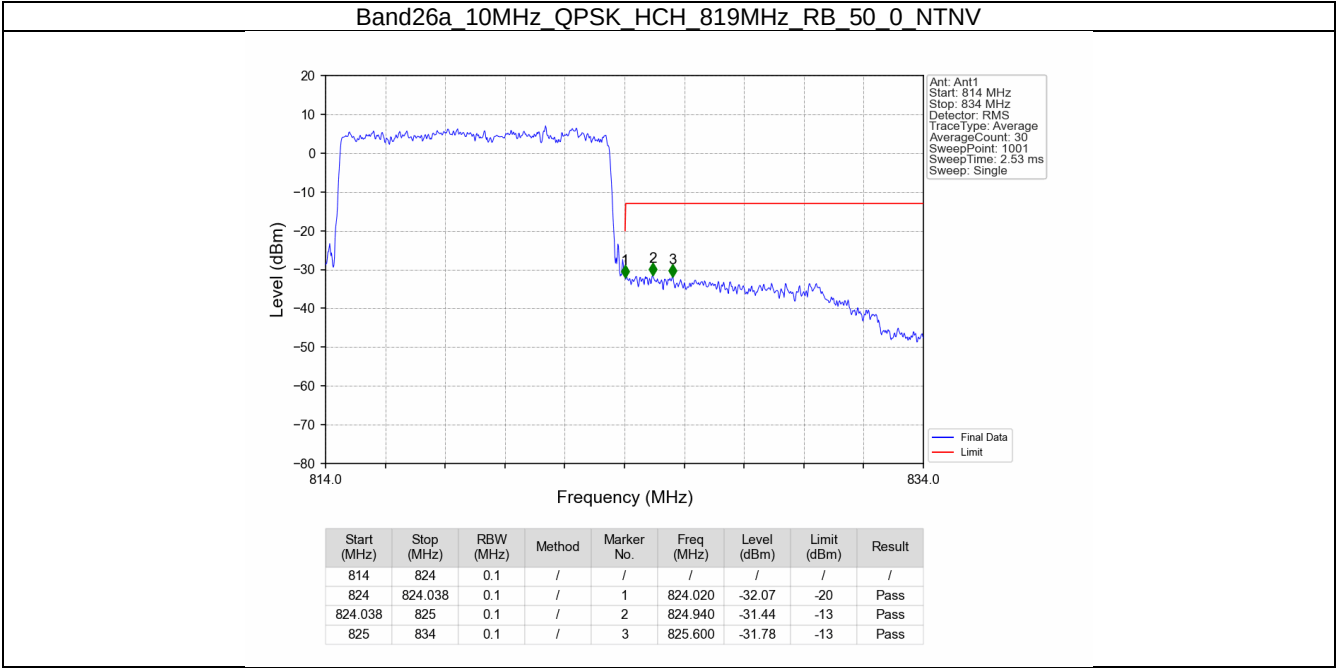


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
804	813	0.1	/	1	812.680	-29.81	-13	Pass
813	813.963	0.1	/	2	813.960	-28.10	-13	Pass
813.963	814	0.1	/	3	813.980	-26.71	-20	Pass
814	824	0.1	/	/	/	/	/	/

Band26a_10MHz_QPSK_HCH_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	/	/	/	/	/	/
824	824.038	0.003	/	1	824.004	-46.39	-20	Pass
824.038	825	0.1	CHP	2	824.088	-39.20	-13	Pass
825	834	0.1	CHP	3	832.230	-45.64	-13	Pass



---End of Attachment---