

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	23.17	<=50	Pass
			2	23.19	<=50	Pass
			5	23.10	<=50	Pass
		3	0	23.22	<=50	Pass
			2	23.21	<=50	Pass
			3	23.16	<=50	Pass
		6	0	22.16	<=50	Pass
	819	1	0	23.02	<=50	Pass
			2	23.03	<=50	Pass
			5	23.04	<=50	Pass
		3	0	22.95	<=50	Pass
			2	23.01	<=50	Pass
			3	23.00	<=50	Pass
		6	0	22.03	<=50	Pass
	823.3	1	0	23.09	<=50	Pass
			2	23.08	<=50	Pass
			5	23.10	<=50	Pass
		3	0	23.03	<=50	Pass
			2	23.02	<=50	Pass
			3	23.03	<=50	Pass
		6	0	22.00	<=50	Pass
16QAM	814.7	1	0	22.20	<=50	Pass
			2	22.20	<=50	Pass
			5	22.19	<=50	Pass
		3	0	22.15	<=50	Pass
			2	22.15	<=50	Pass
			3	22.12	<=50	Pass
		6	0	21.22	<=50	Pass
	819	1	0	21.84	<=50	Pass
			2	21.86	<=50	Pass
			5	21.88	<=50	Pass
		3	0	22.09	<=50	Pass
			2	22.15	<=50	Pass
			3	22.12	<=50	Pass
		6	0	21.01	<=50	Pass
	823.3	1	0	22.10	<=50	Pass
			2	22.14	<=50	Pass
			5	22.19	<=50	Pass
		3	0	22.00	<=50	Pass
			2	22.05	<=50	Pass
			3	22.05	<=50	Pass
		6	0	21.16	<=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	23.10	<=50	Pass
			7	23.17	<=50	Pass
			14	22.90	<=50	Pass
		8	0	22.10	<=50	Pass
			4	22.21	<=50	Pass
			7	22.18	<=50	Pass
		15	0	22.22	<=50	Pass
	819	1	0	22.81	<=50	Pass
			7	23.08	<=50	Pass
			14	22.90	<=50	Pass
		8	0	21.99	<=50	Pass
			4	22.05	<=50	Pass
			7	22.04	<=50	Pass
		15	0	22.02	<=50	Pass
	822.5	1	0	22.99	<=50	Pass
			7	23.20	<=50	Pass
			14	23.06	<=50	Pass
		8	0	22.06	<=50	Pass
			4	22.11	<=50	Pass
			7	22.12	<=50	Pass
		15	0	22.07	<=50	Pass
16QAM	815.5	1	0	22.26	<=50	Pass
			7	22.30	<=50	Pass
			14	22.05	<=50	Pass
		8	0	21.28	<=50	Pass
			4	21.13	<=50	Pass
			7	21.05	<=50	Pass
		15	0	21.03	<=50	Pass
	819	1	0	21.74	<=50	Pass
			7	21.80	<=50	Pass
			14	21.63	<=50	Pass
		8	0	20.84	<=50	Pass
			4	20.92	<=50	Pass
			7	20.89	<=50	Pass
		15	0	20.88	<=50	Pass
	822.5	1	0	22.33	<=50	Pass
			7	22.46	<=50	Pass
			14	22.32	<=50	Pass
		8	0	21.18	<=50	Pass
			4	21.24	<=50	Pass
			7	21.15	<=50	Pass
		15	0	21.02	<=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	23.27	<=50	Pass
			13	23.02	<=50	Pass
			24	23.14	<=50	Pass
		12	0	22.23	<=50	Pass
			6	22.16	<=50	Pass
			13	22.15	<=50	Pass
		25	0	22.19	<=50	Pass
	819	1	0	23.08	<=50	Pass
			13	23.09	<=50	Pass
			24	23.00	<=50	Pass
		12	0	22.09	<=50	Pass
			6	22.10	<=50	Pass
			13	22.10	<=50	Pass
		25	0	22.11	<=50	Pass
	821.5	1	0	23.04	<=50	Pass
			13	22.98	<=50	Pass
			24	23.12	<=50	Pass
		12	0	22.13	<=50	Pass
			6	22.09	<=50	Pass
			13	22.08	<=50	Pass
		25	0	22.09	<=50	Pass
16QAM	816.5	1	0	22.49	<=50	Pass
			13	22.34	<=50	Pass
			24	22.38	<=50	Pass
		12	0	21.29	<=50	Pass
			6	21.21	<=50	Pass
			13	21.20	<=50	Pass
		25	0	21.26	<=50	Pass
	819	1	0	22.18	<=50	Pass
			13	22.21	<=50	Pass
			24	22.14	<=50	Pass
		12	0	21.07	<=50	Pass
			6	21.09	<=50	Pass
			13	21.10	<=50	Pass
		25	0	21.01	<=50	Pass
	821.5	1	0	22.36	<=50	Pass
			13	22.26	<=50	Pass
			24	22.36	<=50	Pass
		12	0	21.09	<=50	Pass
			6	21.06	<=50	Pass
			13	21.07	<=50	Pass
		25	0	21.13	<=50	Pass

1.1.4 B26a_10MHz

Band: 26a / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	1	0	23.30	<=50	Pass
			25	23.23	<=50	Pass
			49	23.14	<=50	Pass
		25	0	22.21	<=50	Pass
			13	22.18	<=50	Pass
			25	22.14	<=50	Pass
		50	0	22.18	<=50	Pass
16QAM	819	1	0	22.57	<=50	Pass
			25	22.46	<=50	Pass
			49	22.41	<=50	Pass
		12	0	22.30	<=50	Pass
			19	22.24	<=50	Pass
			38	22.15	<=50	Pass
		27	0	21.14	<=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	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	819	50	0	20	LV	-0.329	-0.0004	-2.5 to 2.5	Pass
					NV	-1.101	-0.0013	-2.5 to 2.5	Pass
					HV	-0.029	0.0000	-2.5 to 2.5	Pass
				-30	NV	0.072	0.0001	-2.5 to 2.5	Pass
				-20	NV	-0.973	-0.0012	-2.5 to 2.5	Pass
				-10	NV	-0.415	-0.0005	-2.5 to 2.5	Pass
				0	NV	0.386	0.0005	-2.5 to 2.5	Pass
				10	NV	-0.315	-0.0004	-2.5 to 2.5	Pass
				30	NV	-0.443	-0.0005	-2.5 to 2.5	Pass
				40	NV	0.243	0.0003	-2.5 to 2.5	Pass
				50	NV	0.129	0.0002	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band26a_OBW

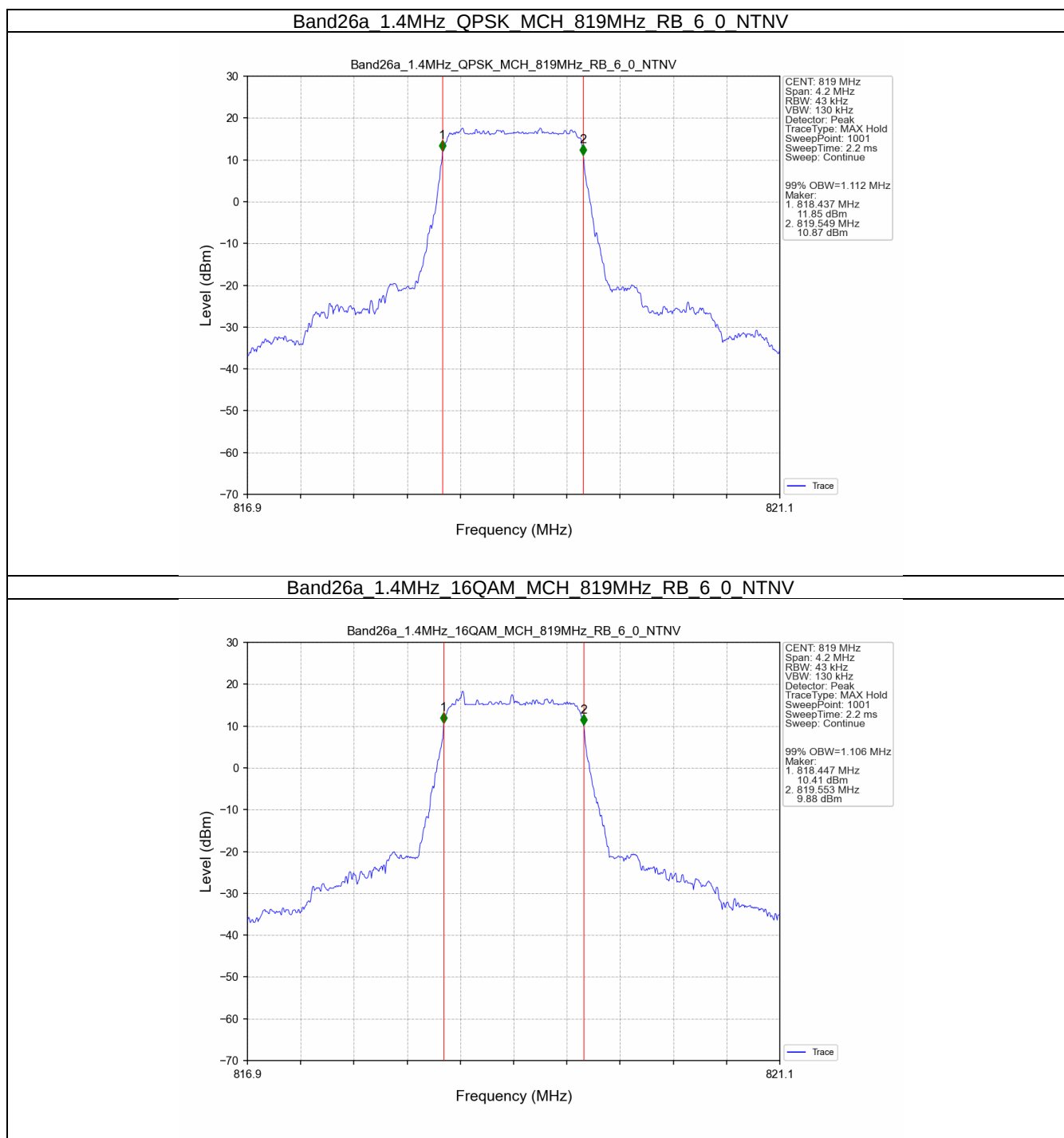
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	819	6	0	1.112	/	Pass
	16QAM	819	6	0	1.106	/	Pass
3	QPSK	819	15	0	2.736	/	Pass
	16QAM	819	15	0	2.741	/	Pass
5	QPSK	819	25	0	4.581	/	Pass
	16QAM	819	25	0	4.561	/	Pass
10	QPSK	819	50	0	9.068	/	Pass
	16QAM	819	27	0	5.100	/	Pass

3.1.2 Band26a_XDB

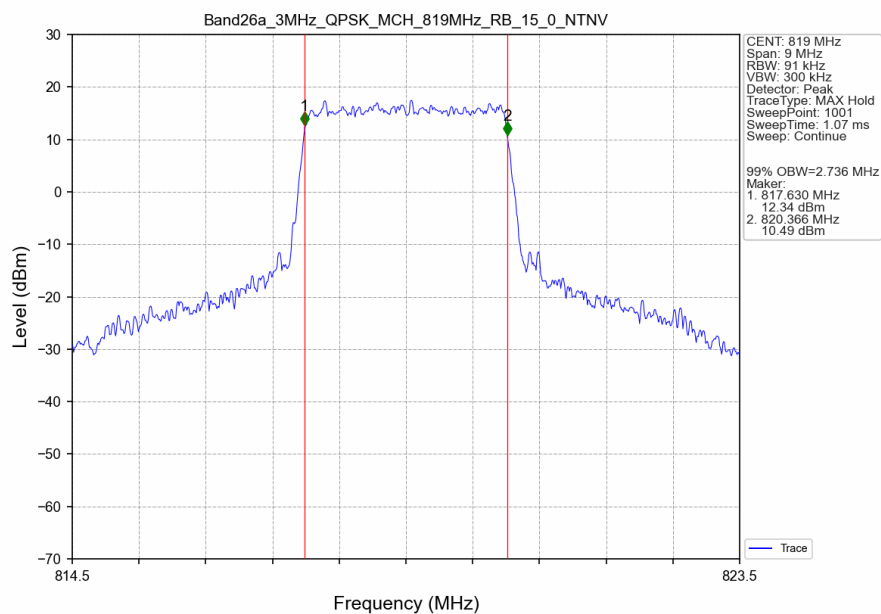
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	819	6	0	1.339	/	Pass
	16QAM	819	6	0	1.310	/	Pass
3	QPSK	819	15	0	3.059	/	Pass
	16QAM	819	15	0	3.037	/	Pass
5	QPSK	819	25	0	5.435	/	Pass
	16QAM	819	25	0	5.753	/	Pass
10	QPSK	819	50	0	10.240	/	Pass
	16QAM	819	27	0	6.284	/	Pass

3.2 Test Graph

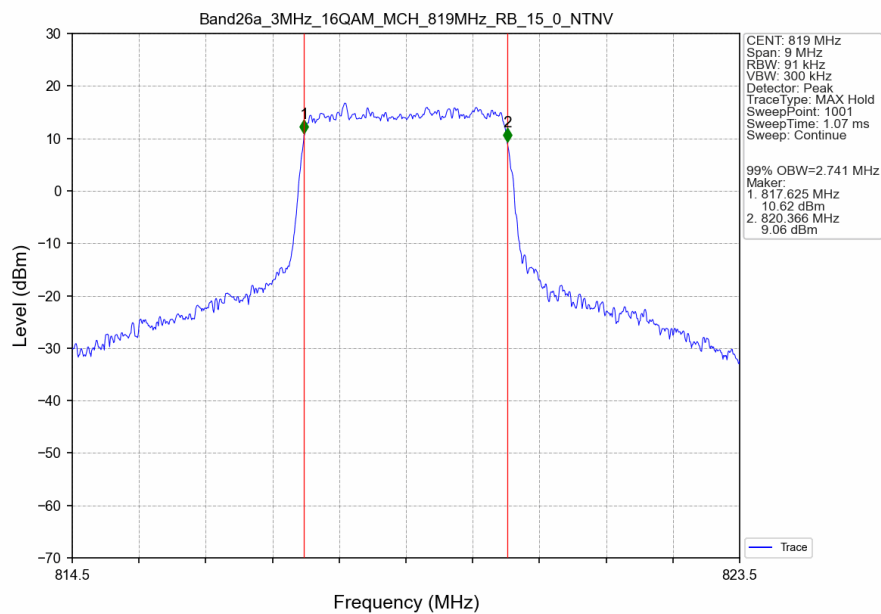
3.2.1 Band26a_OBW



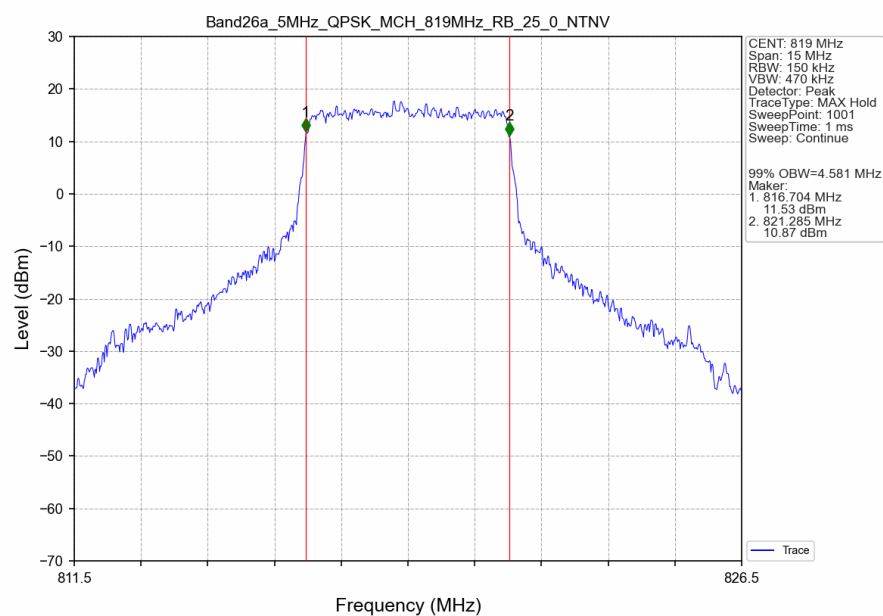
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



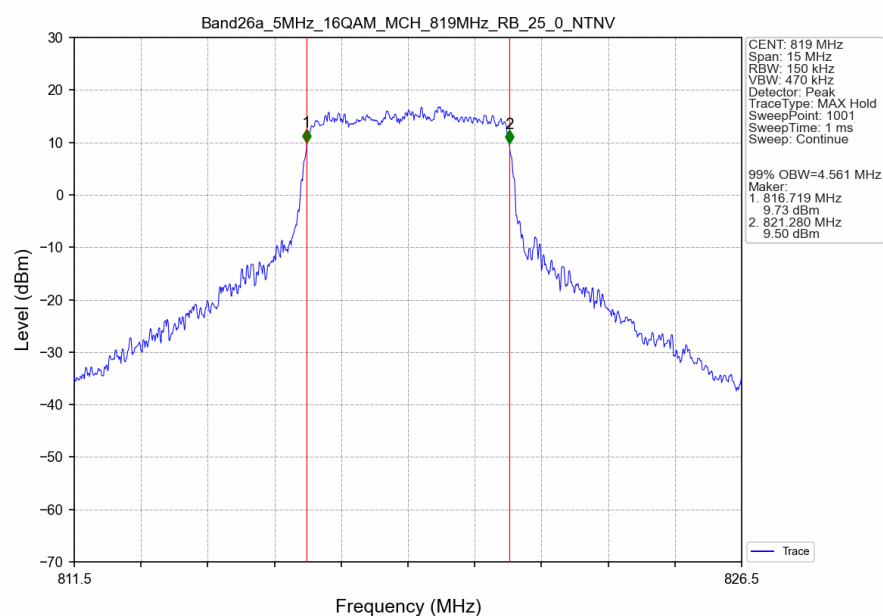
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



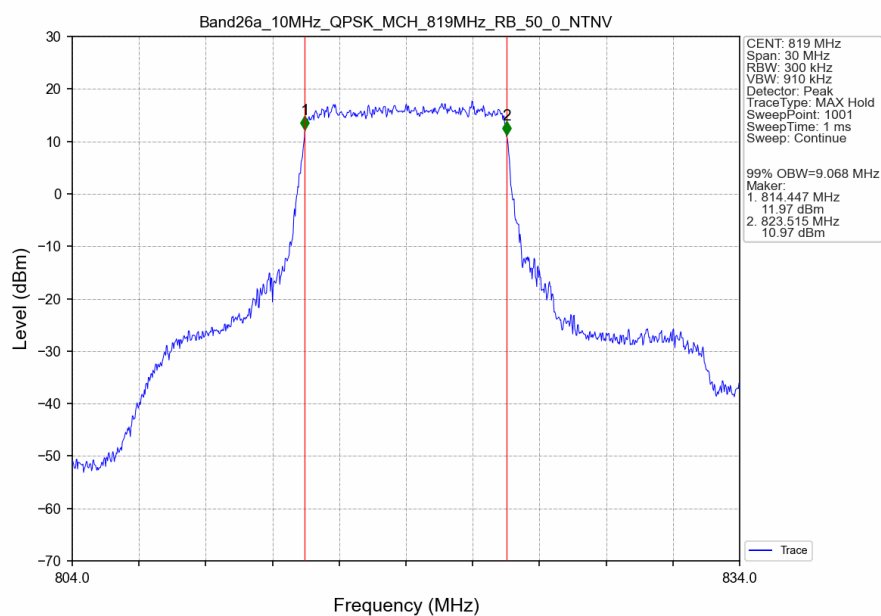
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



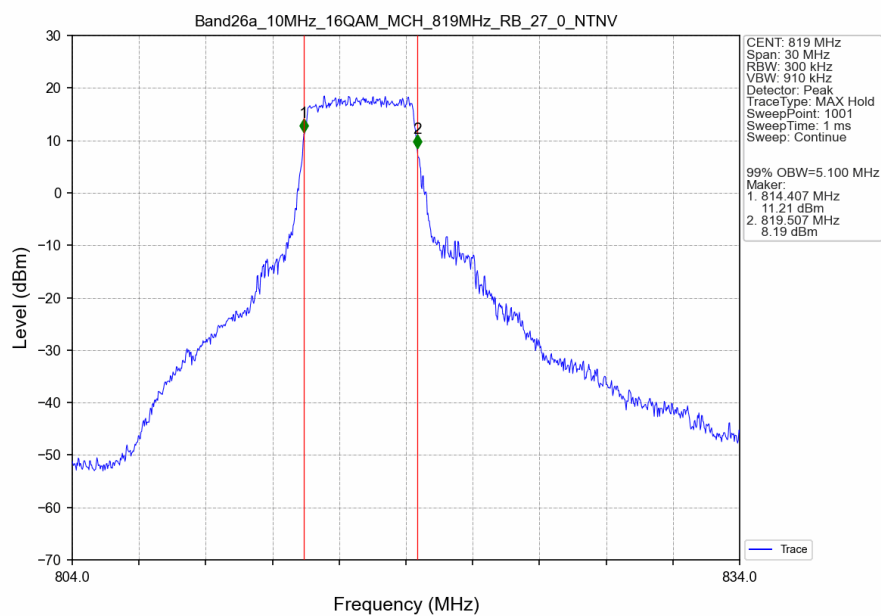
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



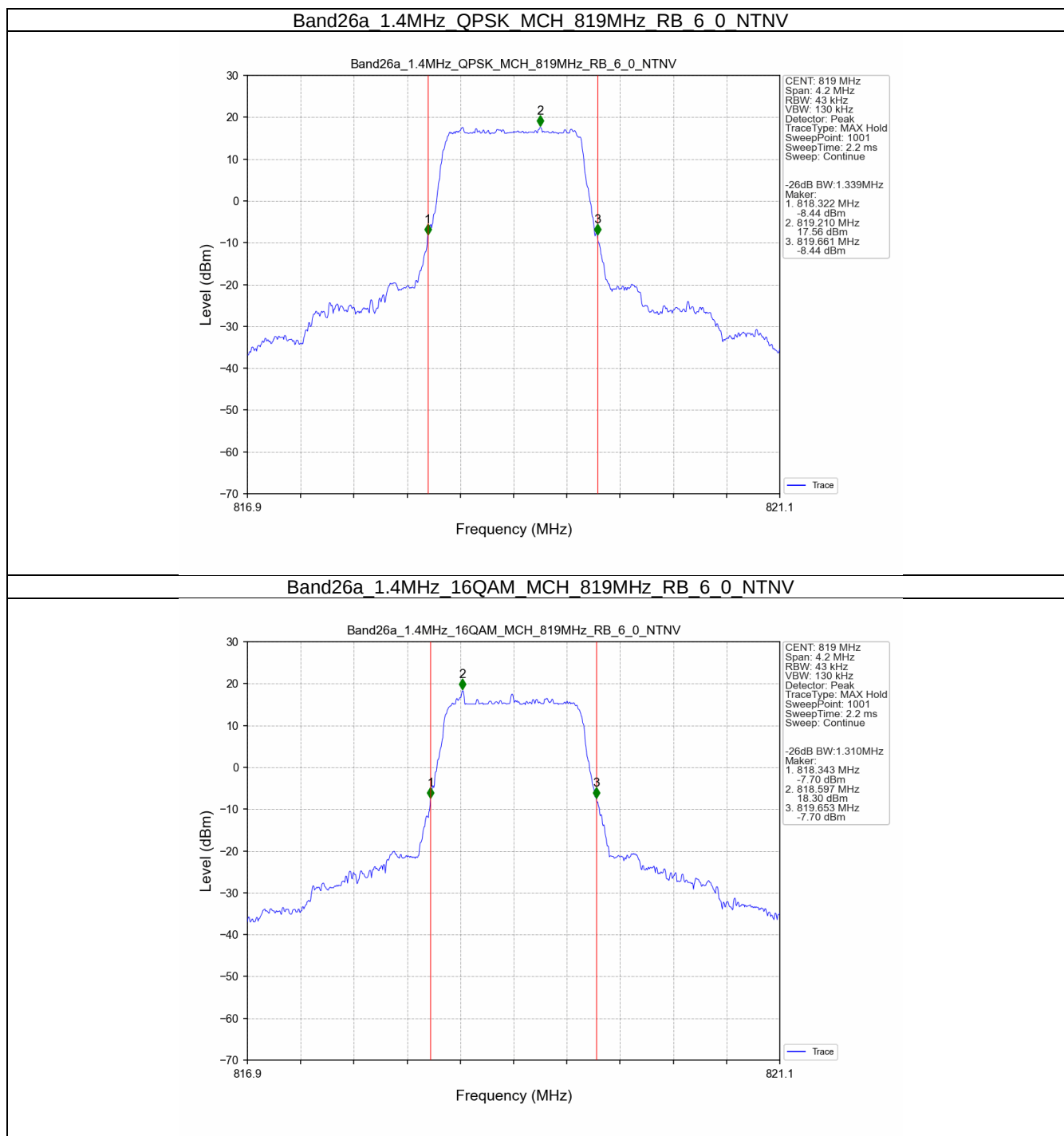
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



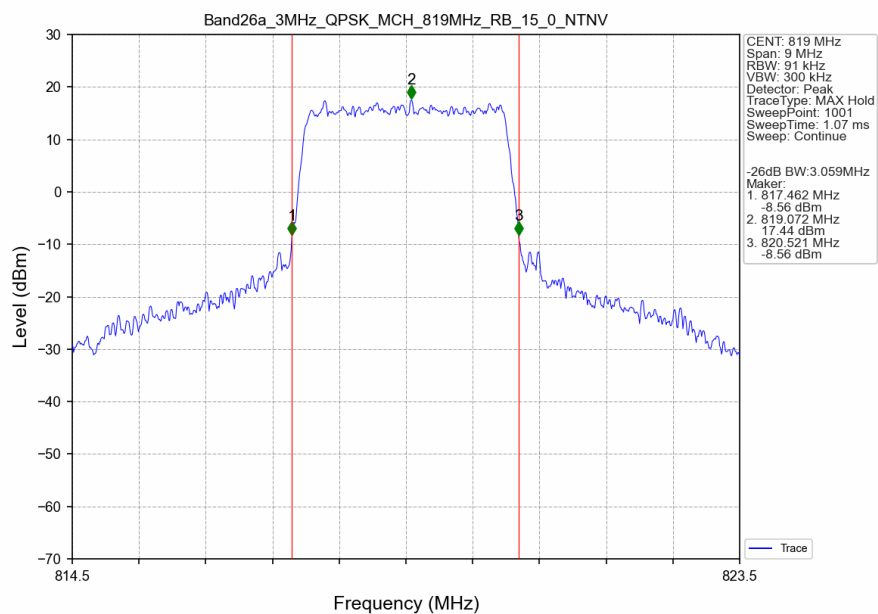
Band26a_10MHz_16QAM_MCH_819MHz_RB_27_0_NTNV



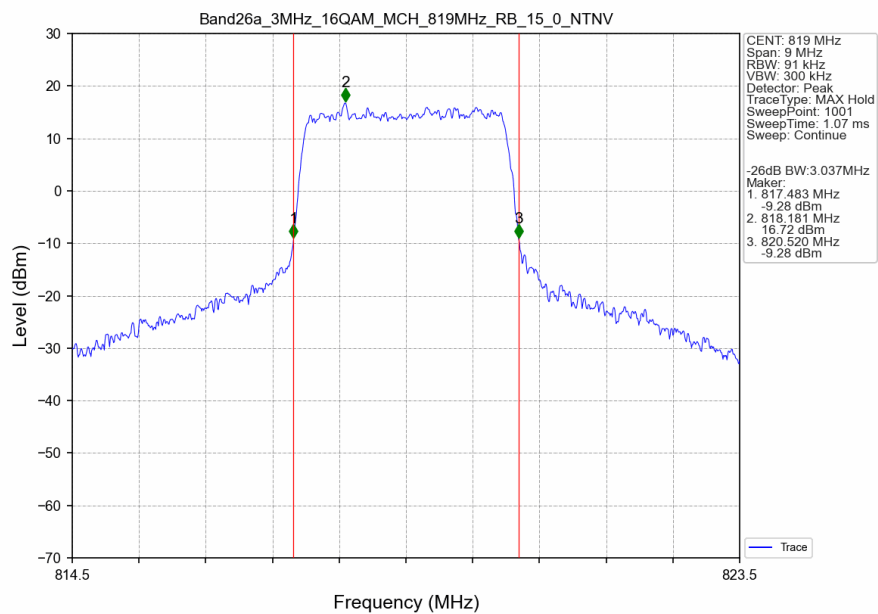
3.2.2 Band26a_XDB



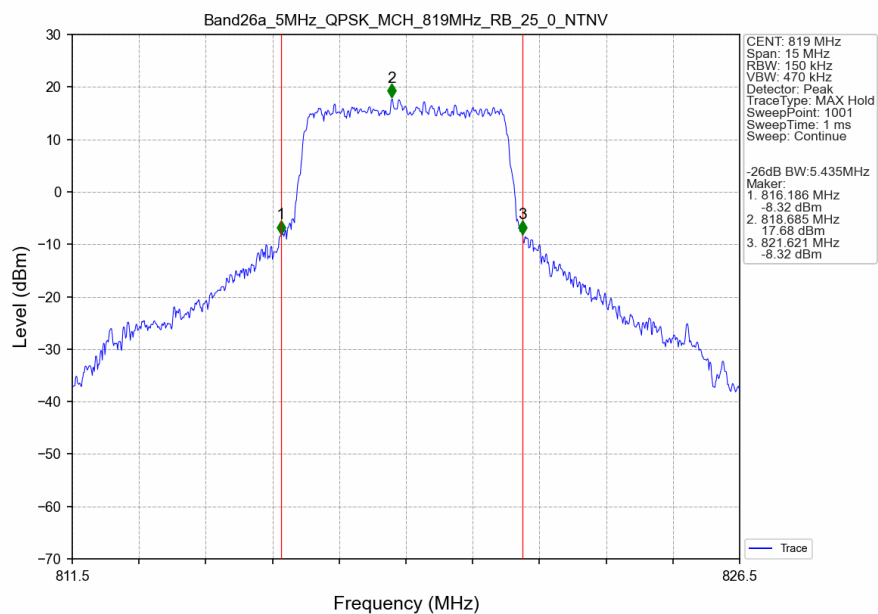
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



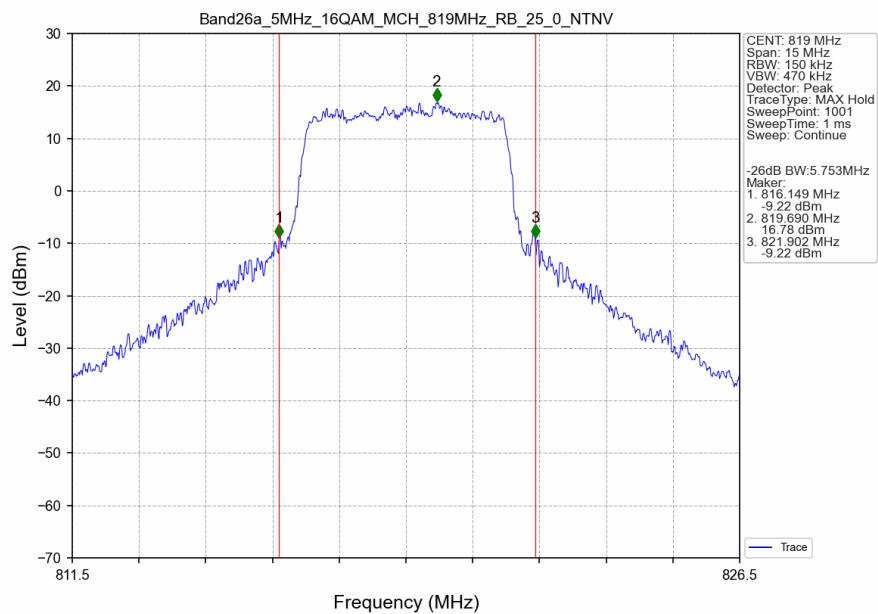
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



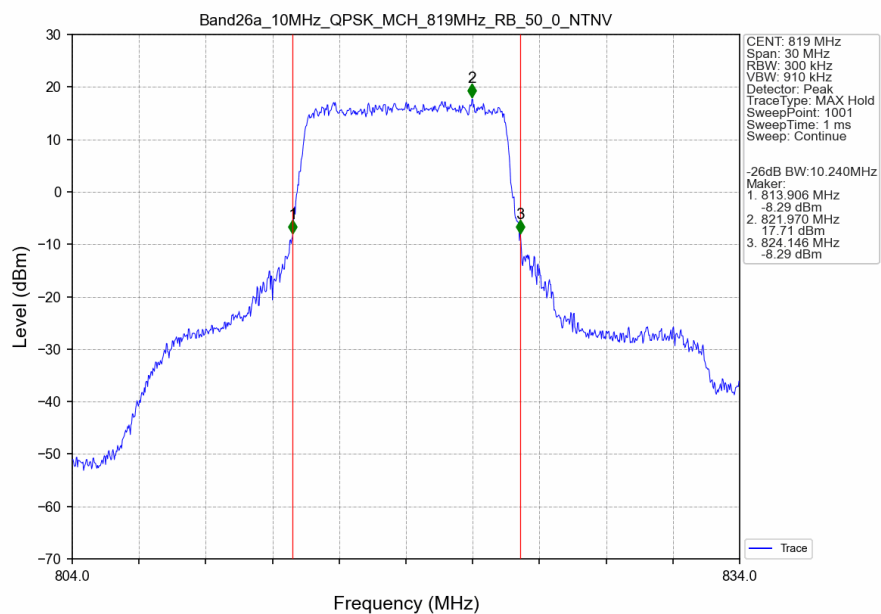
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



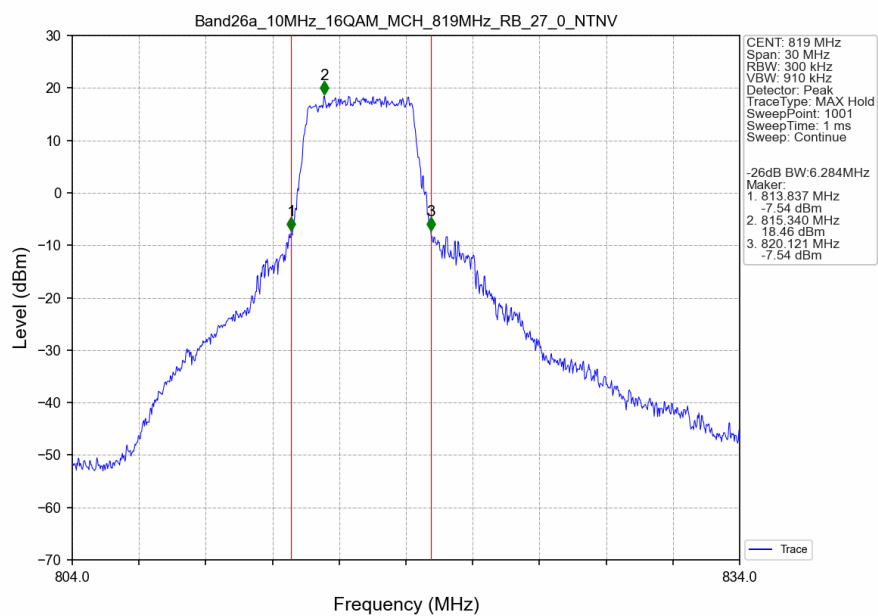
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_MCH_819MHz_RB_27_0_NTNV





4. Peak-Average Ratio

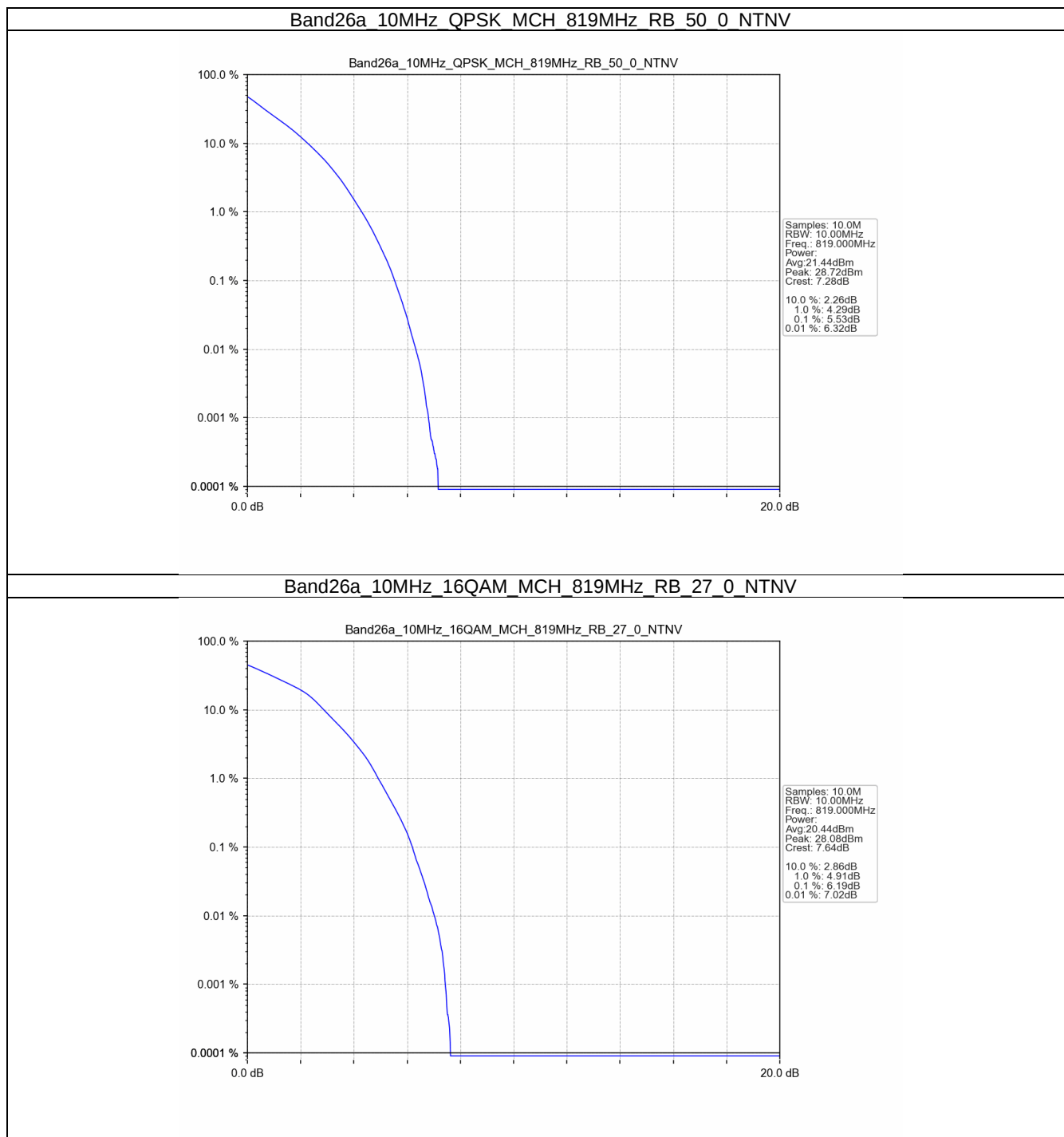
4.1 Test Result

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	5.53	<=13	Pass
16QAM	819	27	0	6.19	<=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 / NTV						
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 / NTV						
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 / NTV						
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

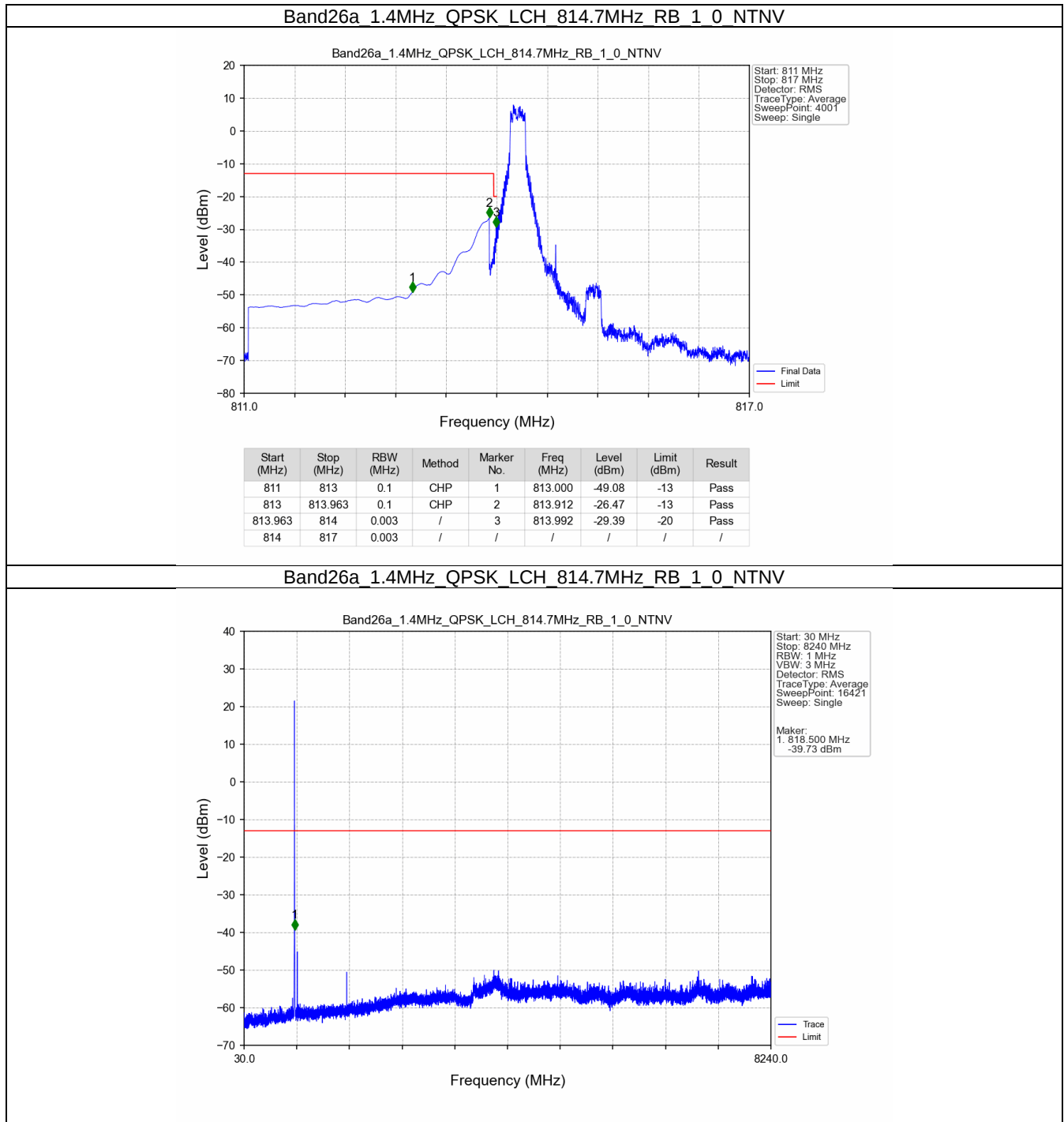


5.1.4 B26a_10MHz

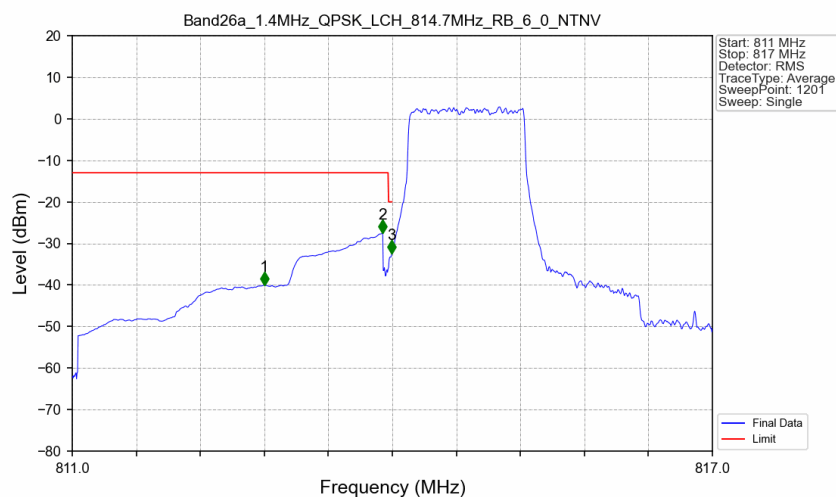
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	819	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	819	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.2 Test Graph

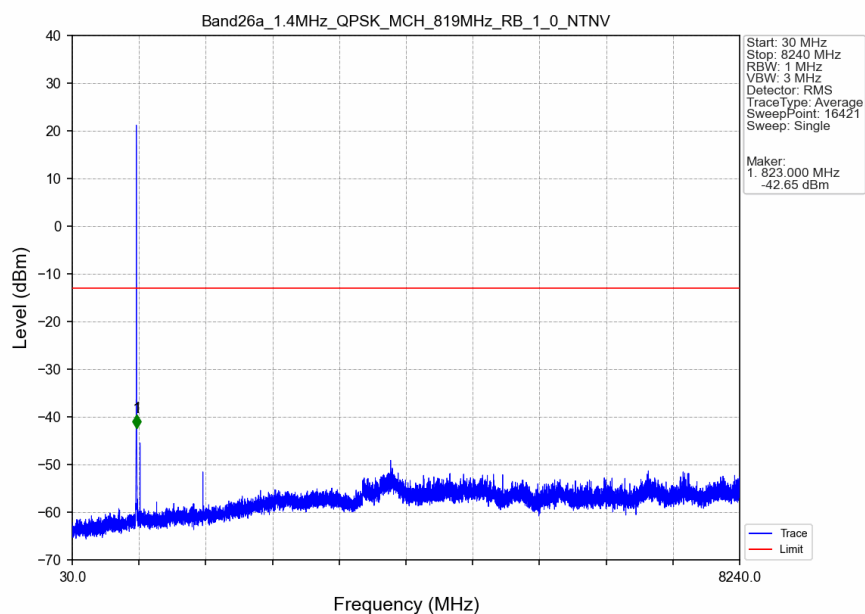
5.2.1 B26a_1.4MHz



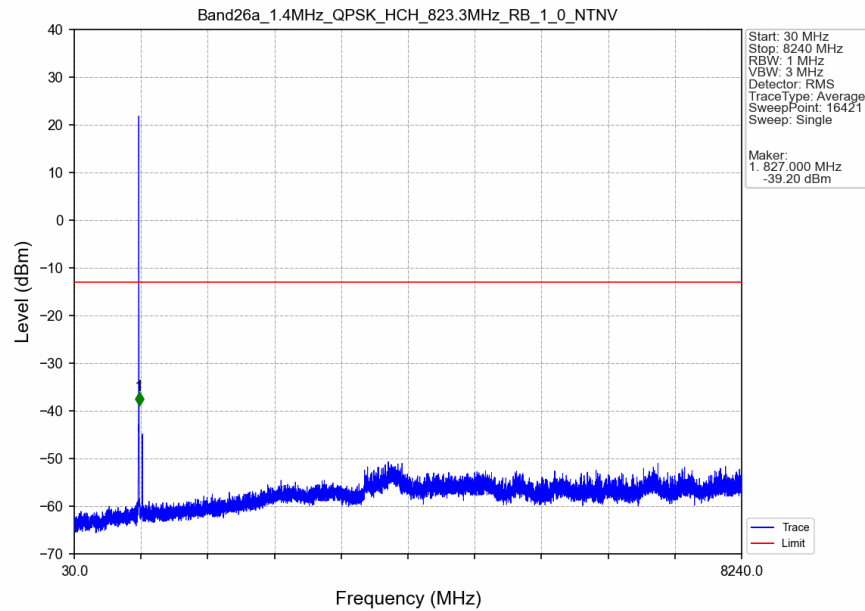
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



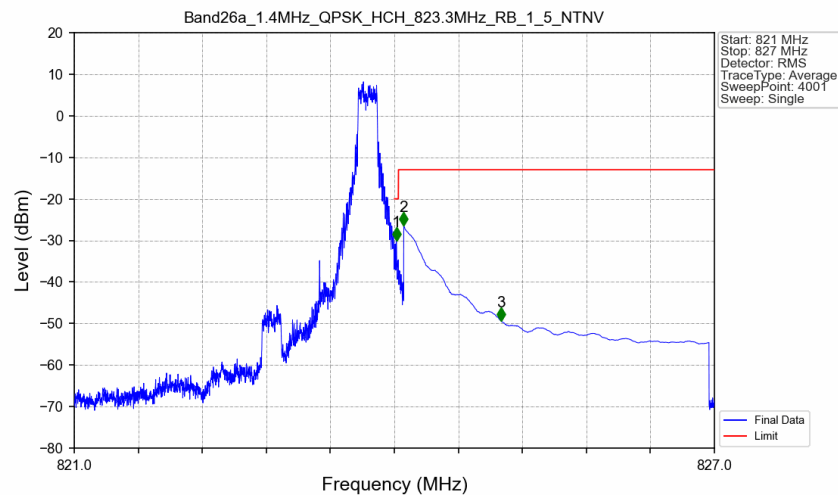
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_0_NTNV

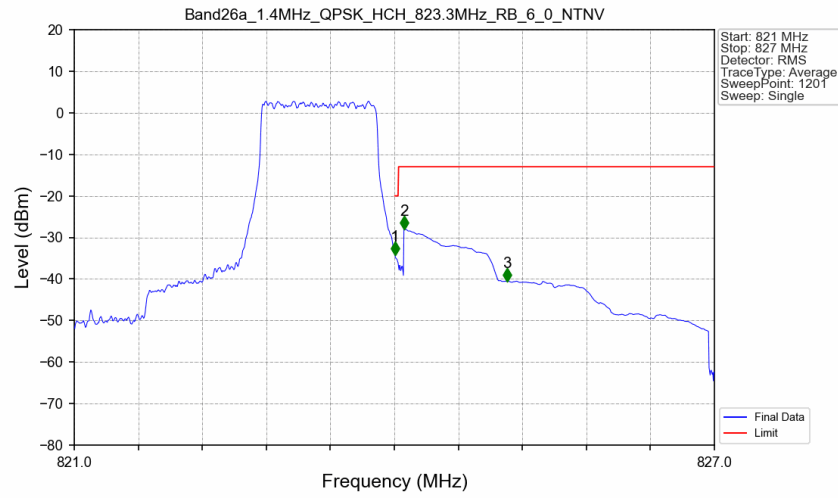


Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.019	-30.03	-20	Pass
824.038	825	0.1	CHP	2	824.088	-26.43	-13	Pass
825	827	0.1	CHP	3	825.000	-49.34	-13	Pass

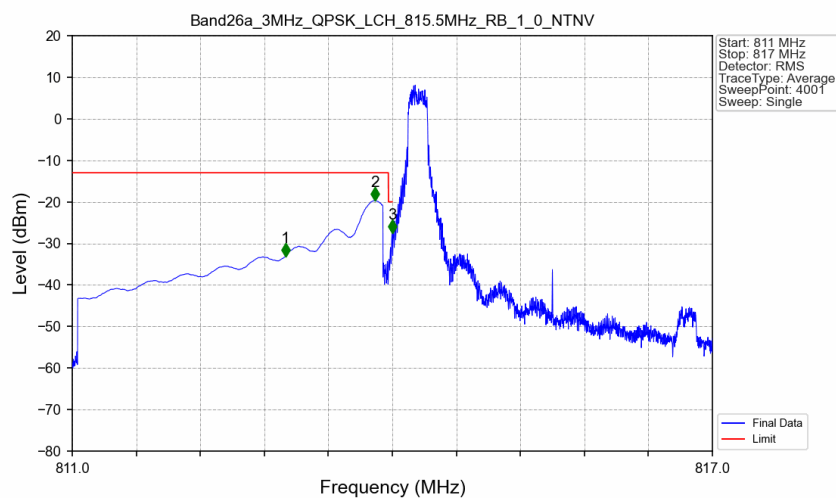
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.013	CHP	/	/	/	/	/
824	824.038	0.013	CHP	1	824.005	-34.25	-20	Pass
824.038	825	0.1	CHP	2	824.090	-28.08	-13	Pass
825	827	0.1	CHP	3	825.060	-40.52	-13	Pass

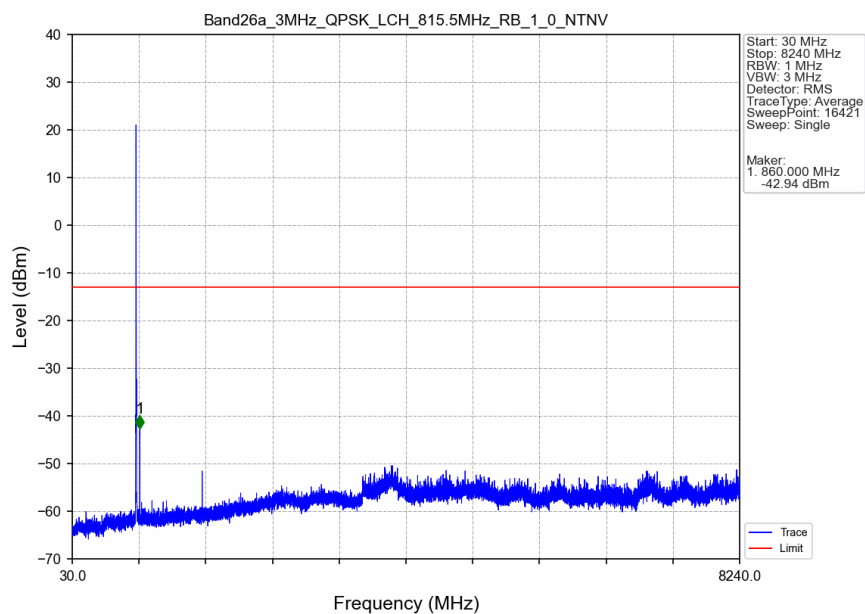
5.2.2 B26a_3MHz

Band26a_3MHz_QPSK_LCH_815.5MHz_RB_1_0_NTNV

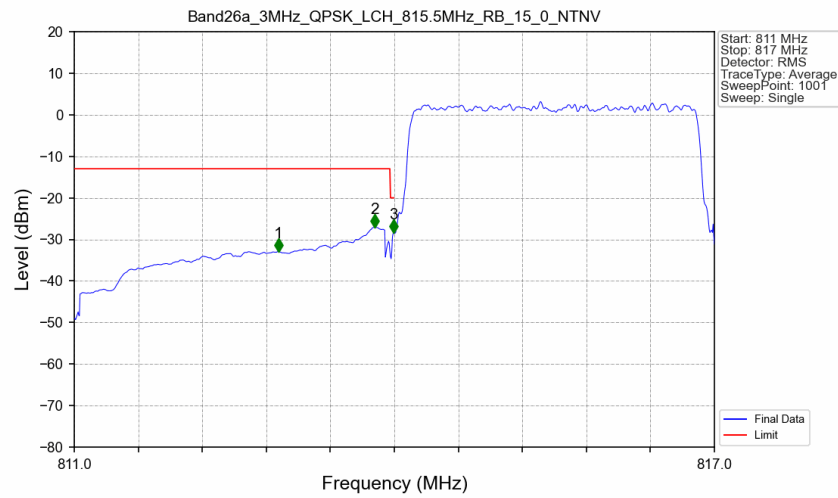


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	813.000	-33.05	-13	Pass
813	813.963	0.1	CHP	2	813.838	-19.66	-13	Pass
813.963	814	0.003	/	3	813.997	-27.46	-20	Pass
814	817	0.003	/	/	/	/	/	/

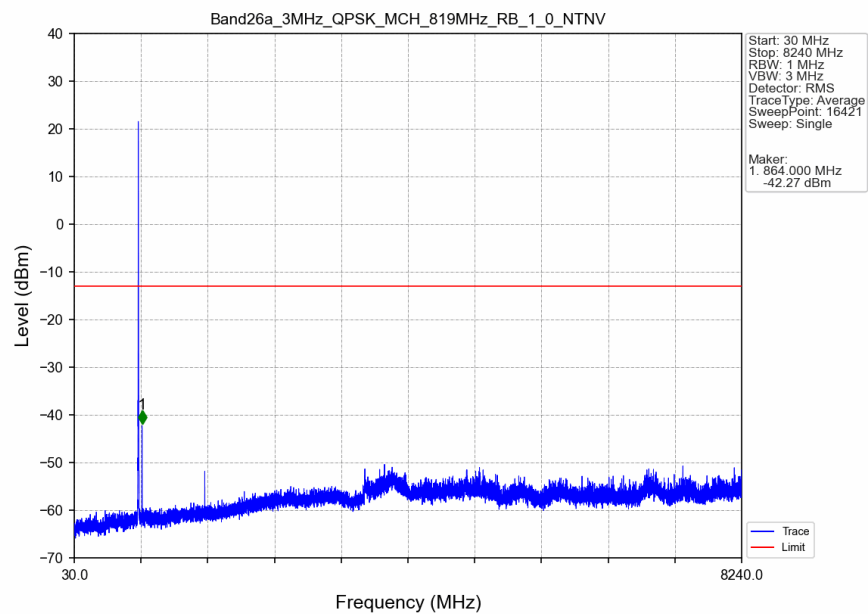
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_1_0_NTNV



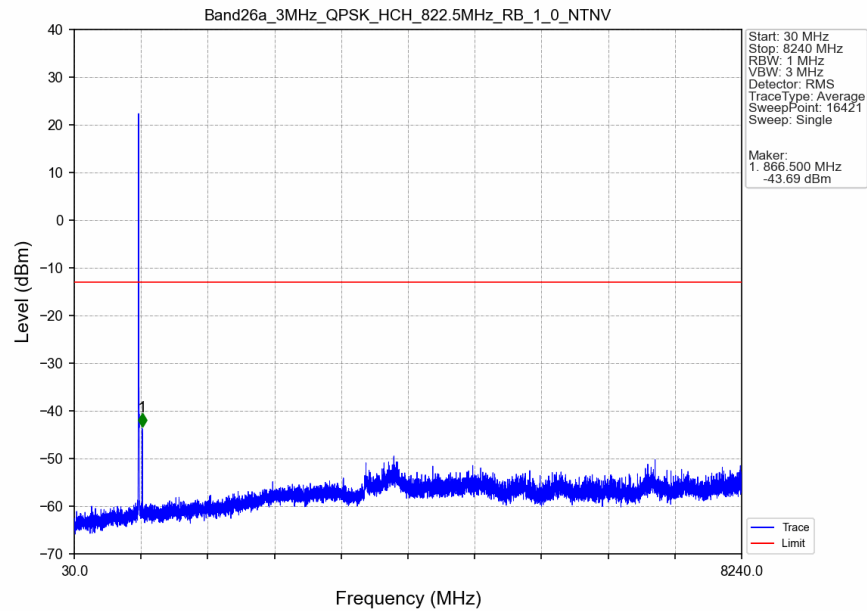
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



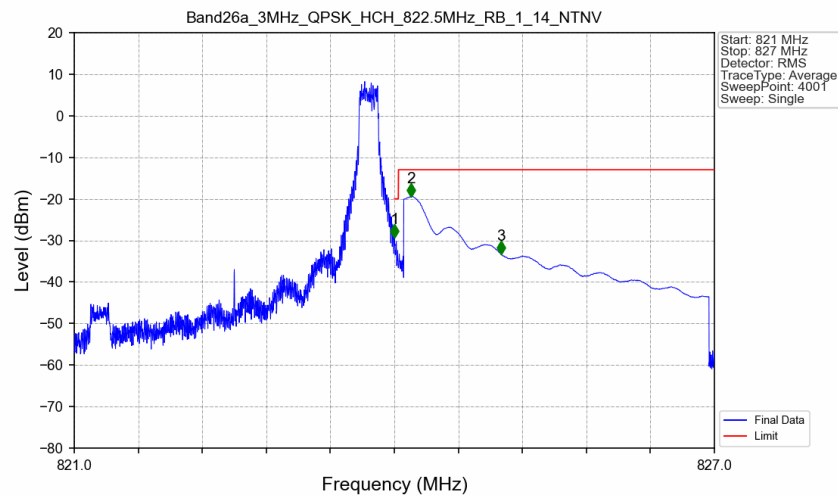
Band26a_3MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



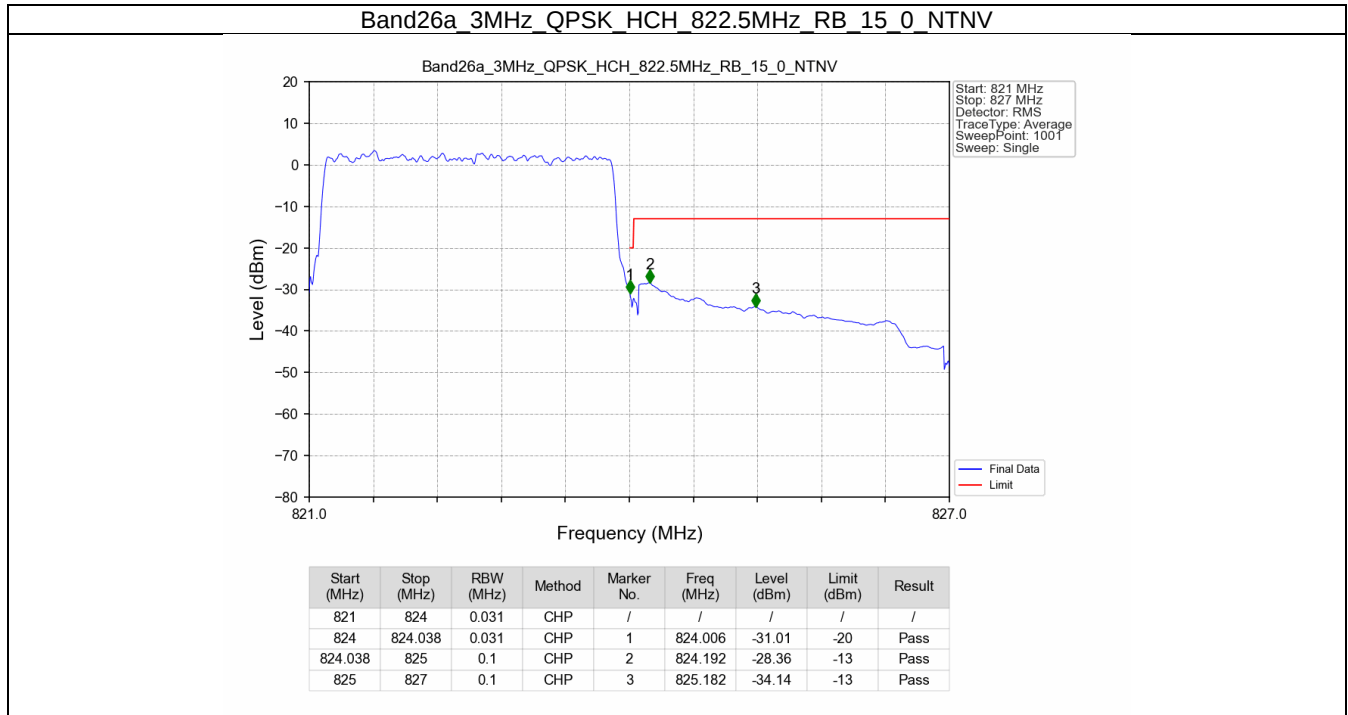
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_0_NTNV



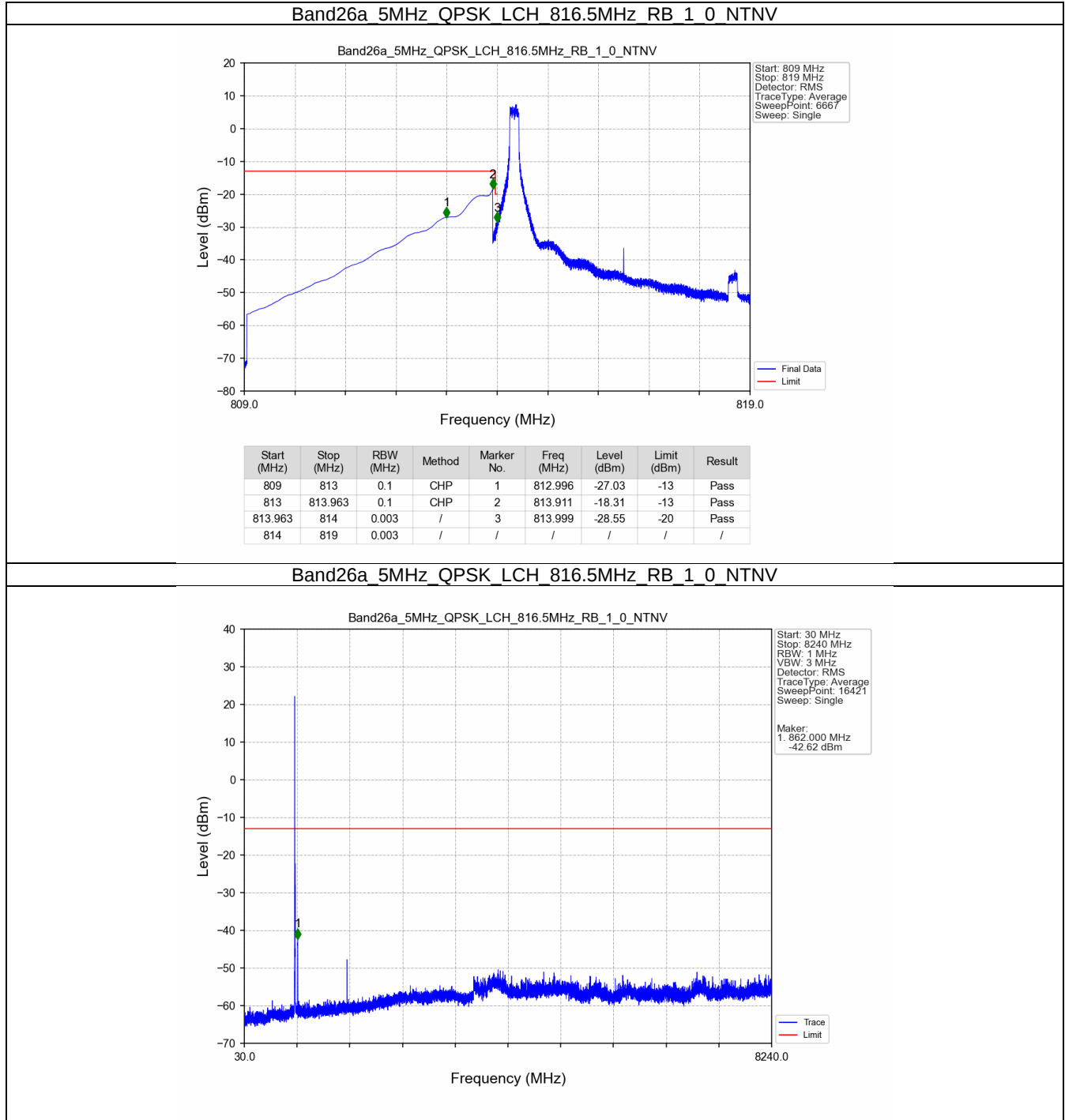
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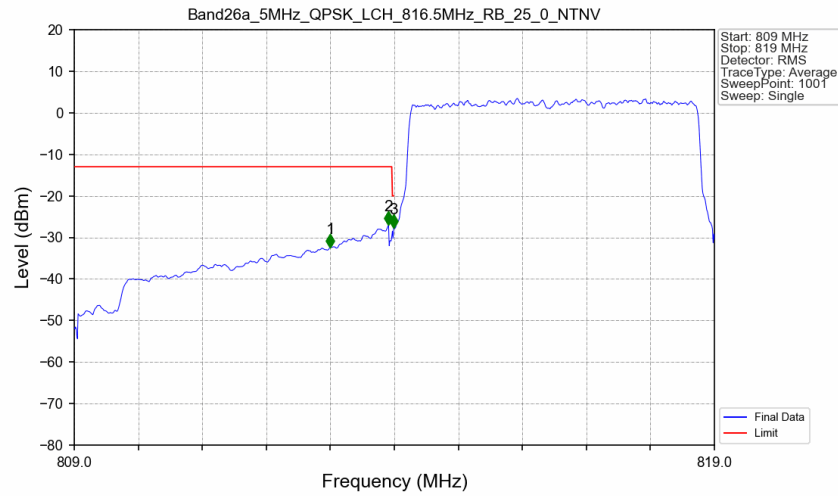
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.001	-29.39	-20	Pass
824.038	825	0.1	CHP	2	824.158	-19.40	-13	Pass
825	827	0.1	CHP	3	825.000	-33.24	-13	Pass



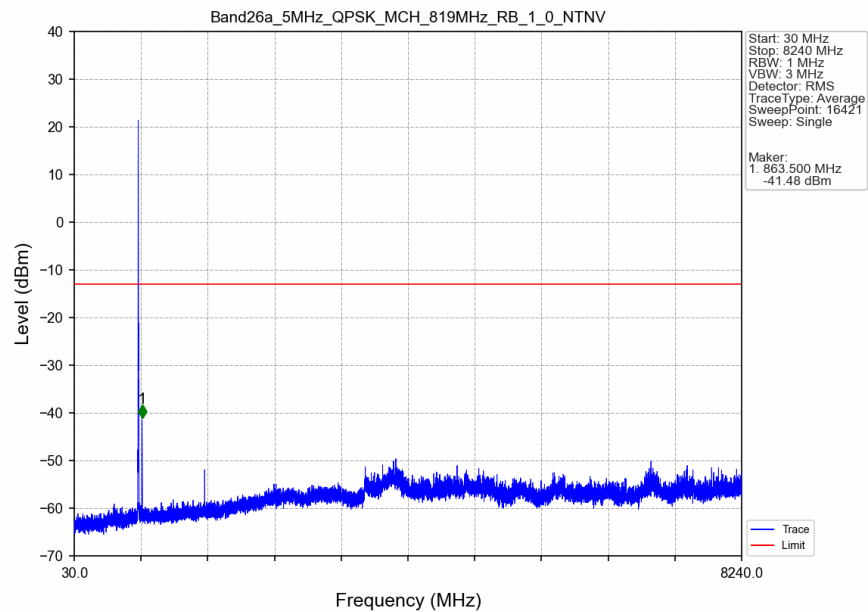
5.2.3 B26a_5MHz



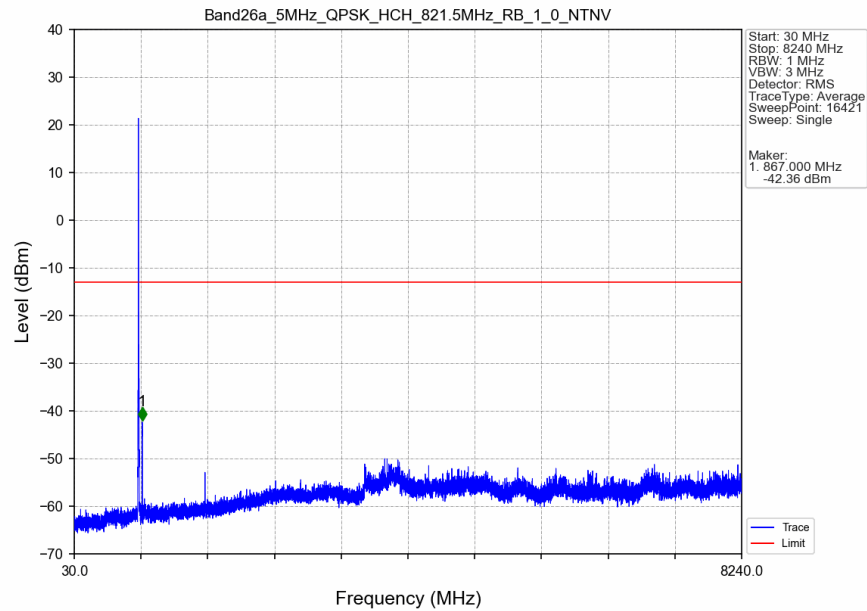
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



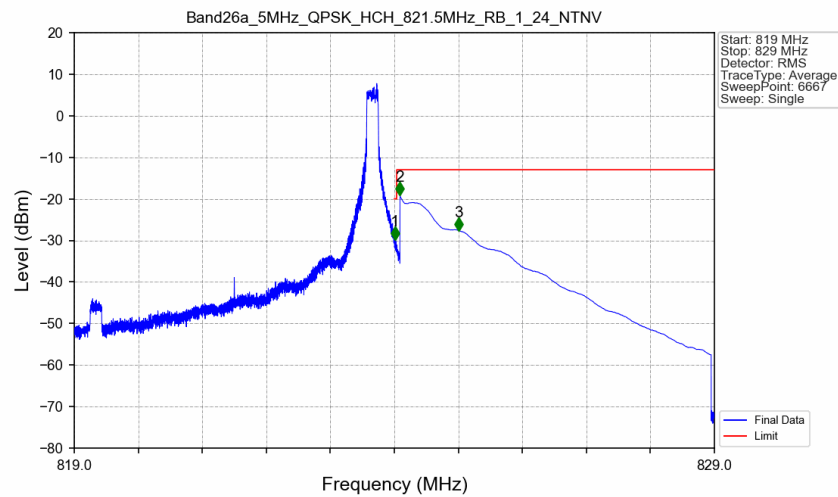
Band26a_5MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



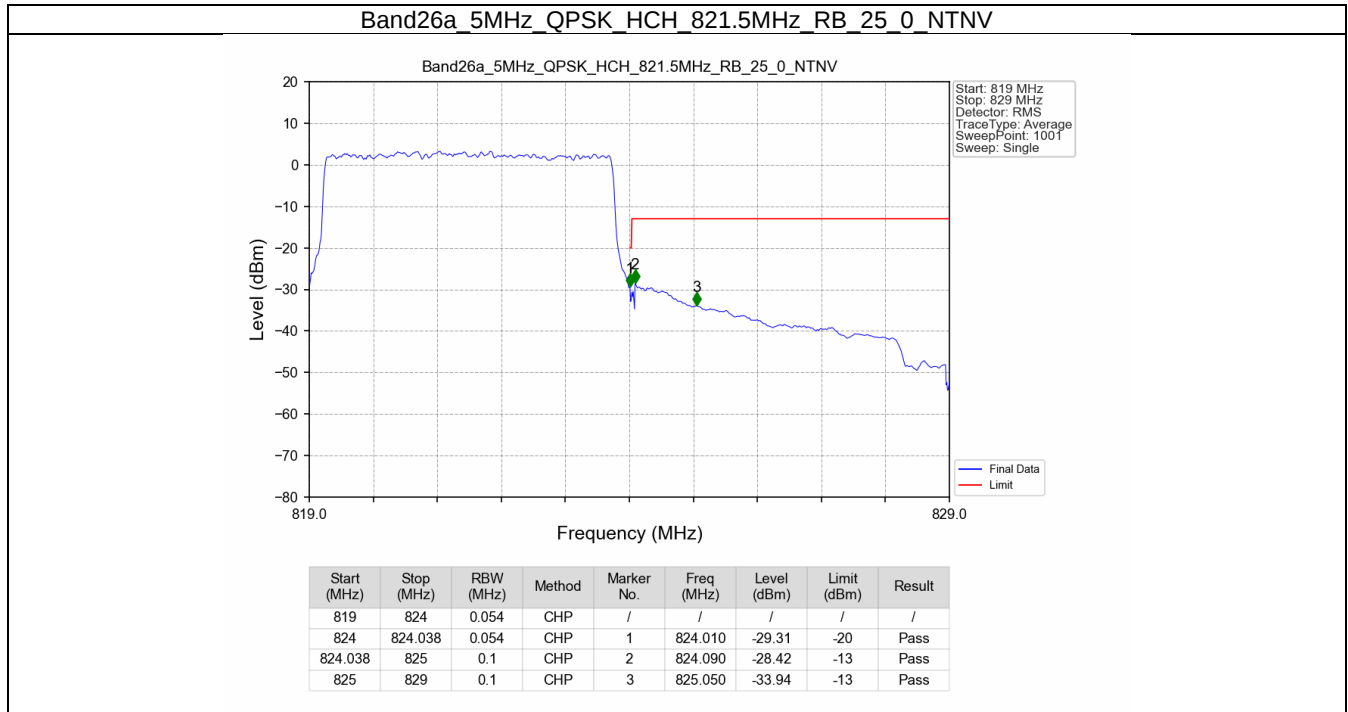
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_0_NTNV



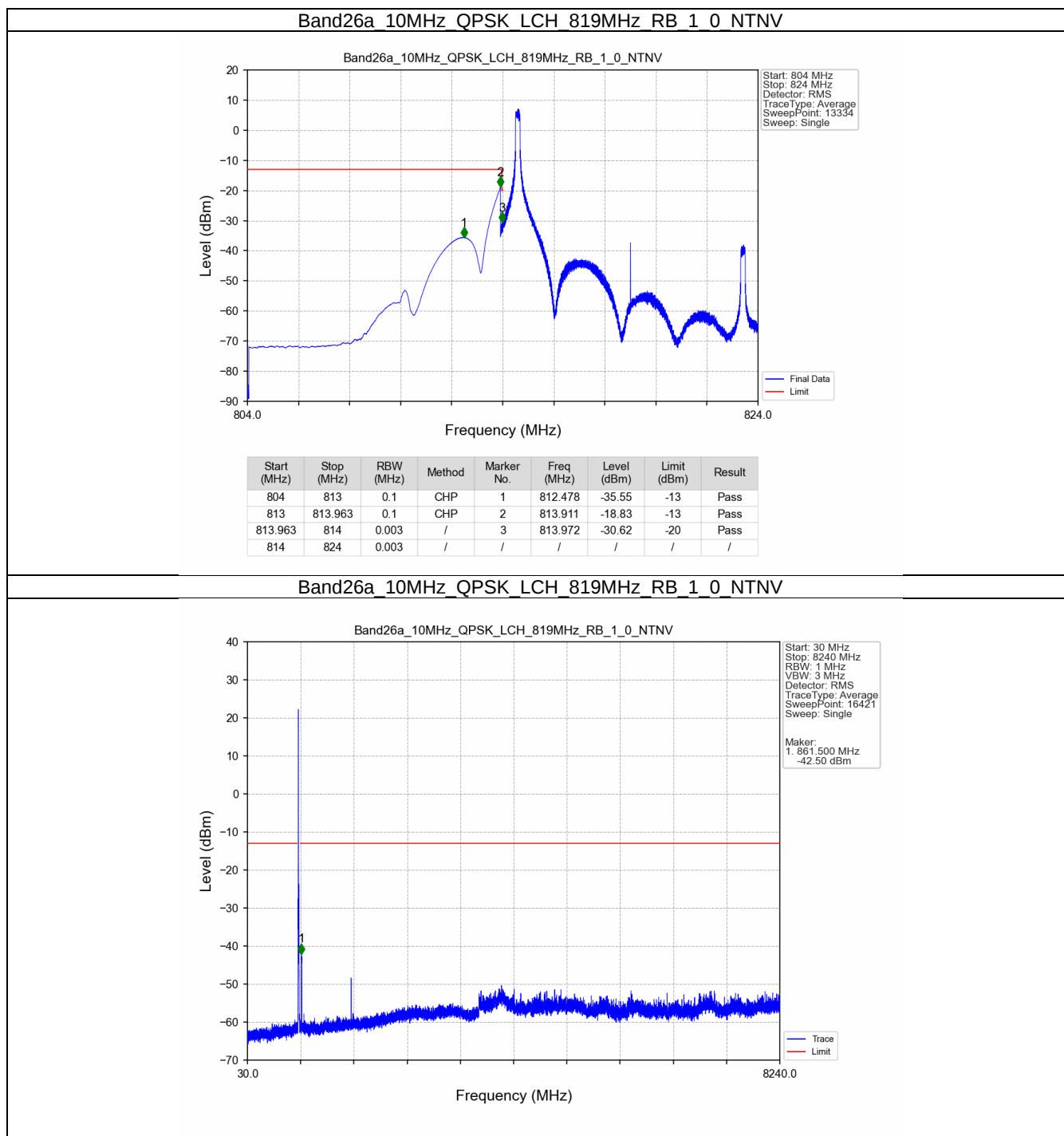
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_24_NTNV



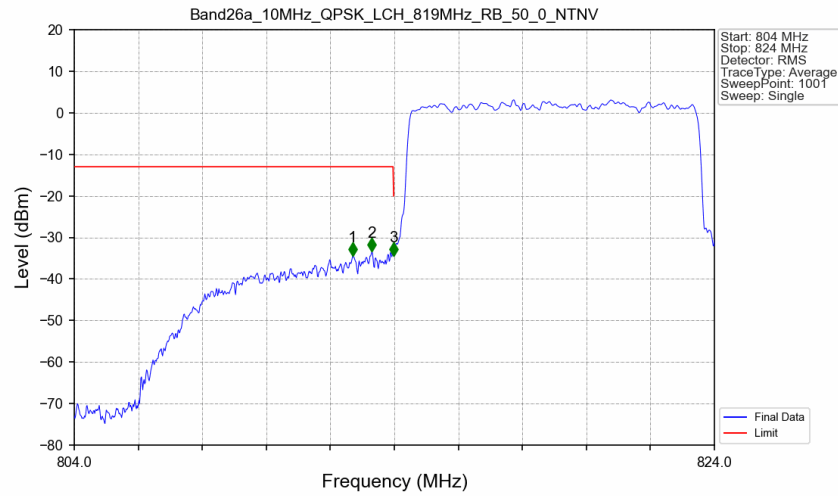
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.011	-29.89	-20	Pass
824.038	825	0.1	CHP	2	824.089	-19.18	-13	Pass
825	829	0.1	CHP	3	825.007	-27.61	-13	Pass



5.2.4 B26a_10MHz

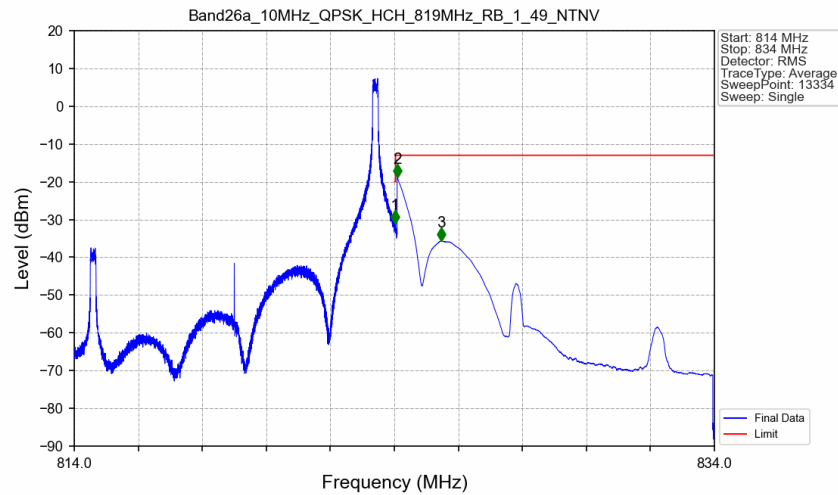


Band26a_10MHz_QPSK_LCH_819MHz_RB_50_0_NTNV

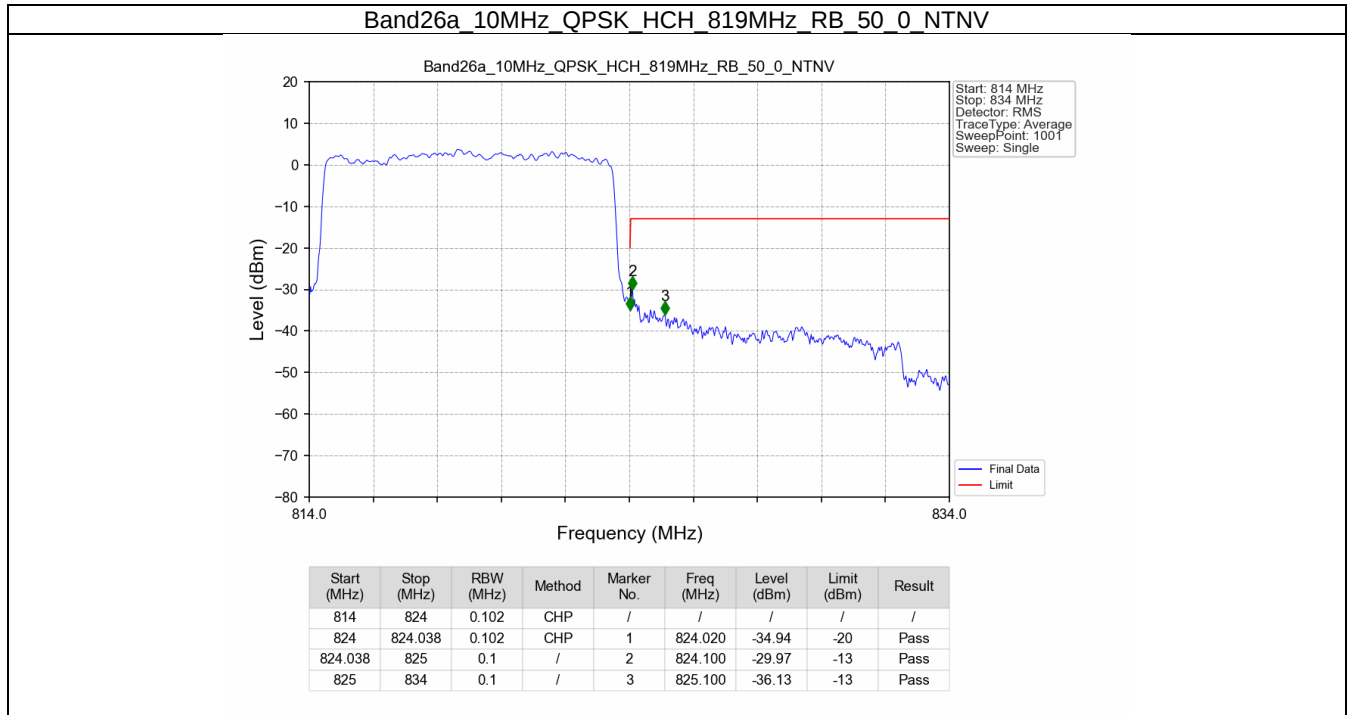


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
804	813	0.1	/	1	812.700	-34.48	-13	Pass
813	813.963	0.1	/	2	813.300	-33.37	-13	Pass
813.963	814	0.102	/	3	813.980	-34.46	-20	Pass
814	824	0.102	CHP	/	/	/	/	/

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	824.013	-31.05	-20	Pass
824.038	825	0.1	CHP	2	824.088	-18.75	-13	Pass
825	834	0.1	CHP	3	825.475	-35.64	-13	Pass



- End of the Appendix -