

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	20.32	<=50	Pass
			2	20.43	<=50	Pass
			5	20.40	<=50	Pass
		3	0	20.44	<=50	Pass
			2	20.48	<=50	Pass
			3	20.43	<=50	Pass
		6	0	19.54	<=50	Pass
	819	1	0	20.83	<=50	Pass
			2	20.92	<=50	Pass
			5	20.75	<=50	Pass
		3	0	20.87	<=50	Pass
			2	20.95	<=50	Pass
			3	20.94	<=50	Pass
		6	0	19.98	<=50	Pass
	823.3	1	0	20.27	<=50	Pass
			2	20.29	<=50	Pass
			5	20.09	<=50	Pass
		3	0	20.46	<=50	Pass
			2	20.38	<=50	Pass
			3	20.39	<=50	Pass
		6	0	19.53	<=50	Pass
16QAM	814.7	1	0	19.65	<=50	Pass
			2	19.72	<=50	Pass
			5	19.59	<=50	Pass
		3	0	19.36	<=50	Pass
			2	19.34	<=50	Pass
			3	19.36	<=50	Pass
		6	0	18.61	<=50	Pass
	819	1	0	19.98	<=50	Pass
			2	20.14	<=50	Pass
			5	19.79	<=50	Pass
		3	0	19.88	<=50	Pass
			2	19.86	<=50	Pass
			3	19.87	<=50	Pass
		6	0	19.04	<=50	Pass
	823.3	1	0	19.71	<=50	Pass
			2	19.63	<=50	Pass
			5	19.39	<=50	Pass
		3	0	19.40	<=50	Pass
			2	19.40	<=50	Pass
			3	19.36	<=50	Pass
		6	0	18.63	<=50	Pass
64QAM	814.7	1	0	18.50	<=50	Pass
			2	18.71	<=50	Pass
			5	18.44	<=50	Pass
		3	0	18.60	<=50	Pass

		6	2	18.67	<=50	Pass
			3	18.67	<=50	Pass
			0	17.63	<=50	Pass
	819	1	0	18.80	<=50	Pass
			2	19.07	<=50	Pass
			5	19.08	<=50	Pass
		3	0	19.03	<=50	Pass
			2	19.02	<=50	Pass
			3	18.91	<=50	Pass
		6	0	17.99	<=50	Pass
	823.3	1	0	18.47	<=50	Pass
			2	18.56	<=50	Pass
			5	18.36	<=50	Pass
		3	0	18.65	<=50	Pass
			2	18.57	<=50	Pass
			3	18.62	<=50	Pass
		6	0	17.55	<=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	20.29	<=50	Pass
			7	20.50	<=50	Pass
			14	20.50	<=50	Pass
		8	0	19.45	<=50	Pass
			4	19.64	<=50	Pass
			7	19.68	<=50	Pass
		15	0	19.54	<=50	Pass
	819	1	0	20.56	<=50	Pass
			7	20.89	<=50	Pass
			14	20.63	<=50	Pass
		8	0	19.88	<=50	Pass
			4	19.97	<=50	Pass
			7	19.93	<=50	Pass
		15	0	19.93	<=50	Pass
	822.5	1	0	20.47	<=50	Pass
			7	20.49	<=50	Pass
			14	20.16	<=50	Pass
		8	0	19.70	<=50	Pass
			4	19.64	<=50	Pass
			7	19.42	<=50	Pass
		15	0	19.58	<=50	Pass
16QAM	815.5	1	0	19.56	<=50	Pass
			7	19.75	<=50	Pass
			14	19.78	<=50	Pass
		8	0	18.50	<=50	Pass
			4	18.61	<=50	Pass
			7	18.63	<=50	Pass
		15	0	18.54	<=50	Pass
	819	1	0	19.92	<=50	Pass
			7	20.18	<=50	Pass
			14	19.94	<=50	Pass

		8	0	18.94	<=50	Pass
			4	19.01	<=50	Pass
			7	19.00	<=50	Pass
		15	0	18.92	<=50	Pass
	822.5	1	0	19.86	<=50	Pass
			7	19.61	<=50	Pass
			14	19.37	<=50	Pass
		8	0	18.75	<=50	Pass
			4	18.63	<=50	Pass
			7	18.48	<=50	Pass
15		0	18.52	<=50	Pass	
64QAM	815.5	1	0	18.29	<=50	Pass
			7	18.58	<=50	Pass
			14	18.84	<=50	Pass
		8	0	17.42	<=50	Pass
			4	17.74	<=50	Pass
			7	17.61	<=50	Pass
		15	0	17.59	<=50	Pass
	819	1	0	18.79	<=50	Pass
			7	18.90	<=50	Pass
			14	18.82	<=50	Pass
		8	0	17.93	<=50	Pass
			4	18.03	<=50	Pass
			7	17.93	<=50	Pass
		15	0	17.92	<=50	Pass
	822.5	1	0	18.77	<=50	Pass
			7	18.82	<=50	Pass
			14	18.44	<=50	Pass
		8	0	17.72	<=50	Pass
			4	17.65	<=50	Pass
			7	17.58	<=50	Pass
		15	0	17.57	<=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	20.48	<=50	Pass
			13	20.91	<=50	Pass
			24	21.02	<=50	Pass
		12	0	19.47	<=50	Pass
			6	19.80	<=50	Pass
			13	20.02	<=50	Pass
		25	0	19.79	<=50	Pass
	819	1	0	20.84	<=50	Pass
			13	21.12	<=50	Pass
			24	20.74	<=50	Pass
		12	0	19.80	<=50	Pass
			6	20.02	<=50	Pass
			13	19.89	<=50	Pass
		25	0	19.89	<=50	Pass
	821.5	1	0	20.97	<=50	Pass
			13	20.84	<=50	Pass

16QAM		12	24	20.46	<=50	Pass
			0	19.94	<=50	Pass
			6	19.86	<=50	Pass
			13	19.51	<=50	Pass
		25	0	19.74	<=50	Pass
			0	19.77	<=50	Pass
			13	20.09	<=50	Pass
			24	20.11	<=50	Pass
	816.5	12	0	18.46	<=50	Pass
			6	18.79	<=50	Pass
			13	19.04	<=50	Pass
			0	18.77	<=50	Pass
	819	1	0	20.12	<=50	Pass
			13	20.45	<=50	Pass
			24	20.00	<=50	Pass
			0	18.78	<=50	Pass
	821.5	12	6	19.01	<=50	Pass
			13	18.91	<=50	Pass
			0	18.90	<=50	Pass
			0	20.25	<=50	Pass
64QAM	816.5	1	13	20.19	<=50	Pass
			24	19.61	<=50	Pass
			0	18.91	<=50	Pass
			6	18.80	<=50	Pass
	819	12	13	18.48	<=50	Pass
			0	18.77	<=50	Pass
	821.5	25	0	18.70	<=50	Pass
			13	18.95	<=50	Pass
			24	19.11	<=50	Pass
			0	17.58	<=50	Pass
	816.5	12	6	17.82	<=50	Pass
			13	18.07	<=50	Pass
			0	17.80	<=50	Pass
	819	1	0	18.91	<=50	Pass
			13	19.27	<=50	Pass
			24	19.03	<=50	Pass
			0	17.84	<=50	Pass
	821.5	12	6	18.04	<=50	Pass
			13	17.92	<=50	Pass
			0	17.89	<=50	Pass
	816.5	1	0	19.12	<=50	Pass
			13	18.93	<=50	Pass
			24	18.22	<=50	Pass
	819	12	0	17.94	<=50	Pass
			6	17.86	<=50	Pass
			13	17.53	<=50	Pass
			0	17.77	<=50	Pass

1.1.4 B26a_10MHz

Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	1	0	20.60	<=50	Pass
			25	21.12	<=50	Pass
			49	20.55	<=50	Pass
		25	0	19.53	<=50	Pass
			13	19.99	<=50	Pass
			25	19.69	<=50	Pass
		50	0	19.59	<=50	Pass
16QAM	819	1	0	19.86	<=50	Pass
			25	20.46	<=50	Pass
			49	19.86	<=50	Pass
		25	0	18.56	<=50	Pass
			13	19.01	<=50	Pass
			25	18.70	<=50	Pass
		50	0	18.59	<=50	Pass
64QAM	819	1	0	18.70	<=50	Pass
			25	19.31	<=50	Pass
			49	18.60	<=50	Pass
		25	0	17.53	<=50	Pass
			13	17.97	<=50	Pass
			25	17.70	<=50	Pass
		50	0	17.62	<=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	-1.200	-0.0015	-2.5 to 2.5	Pass
					NV	-4.700	-0.0057	-2.5 to 2.5	Pass
					HV	-4.400	-0.0054	-2.5 to 2.5	Pass
				-30	NV	-3.100	-0.0038	-2.5 to 2.5	Pass
				-20	NV	-5.000	-0.0061	-2.5 to 2.5	Pass
				-10	NV	-4.700	-0.0057	-2.5 to 2.5	Pass
				0	NV	-4.900	-0.0060	-2.5 to 2.5	Pass
				10	NV	-3.600	-0.0044	-2.5 to 2.5	Pass
				30	NV	0.800	0.0010	-2.5 to 2.5	Pass
				40	NV	-5.400	-0.0066	-2.5 to 2.5	Pass
				50	NV	-1.400	-0.0017	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band26a_OBW

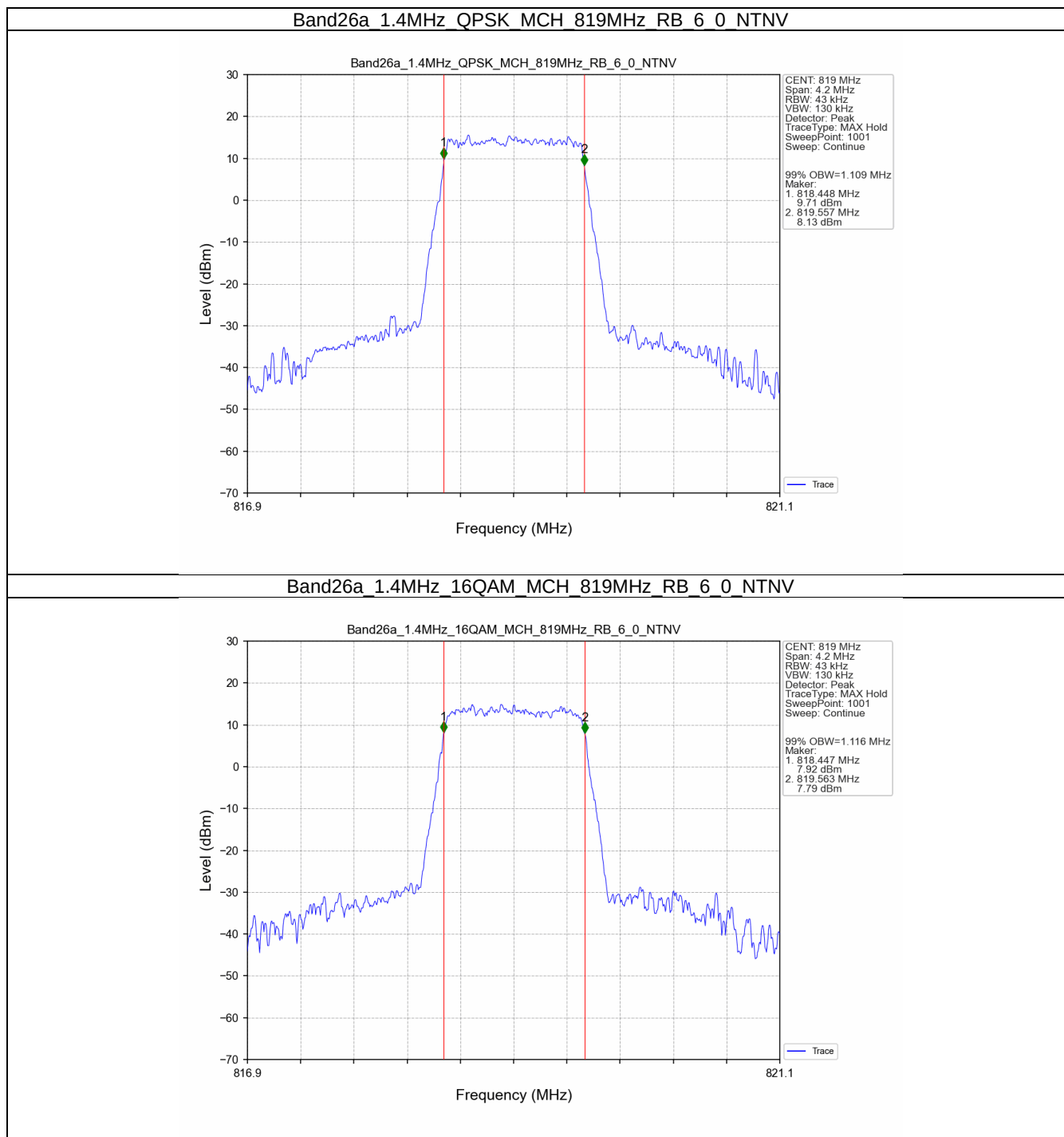
Band: 26a / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	819	6	0	1.109	/	Pass
	16QAM	819	6	0	1.116	/	Pass
	64QAM	819	6	0	1.114	/	Pass
3	QPSK	819	15	0	2.717	/	Pass
	16QAM	819	15	0	2.718	/	Pass
	64QAM	819	15	0	2.707	/	Pass
5	QPSK	819	25	0	4.519	/	Pass
	16QAM	819	25	0	4.516	/	Pass
	64QAM	819	25	0	4.535	/	Pass
10	QPSK	819	50	0	8.974	/	Pass
	16QAM	819	50	0	8.953	/	Pass
	64QAM	819	50	0	8.982	/	Pass

3.1.2 Band26a_XDB

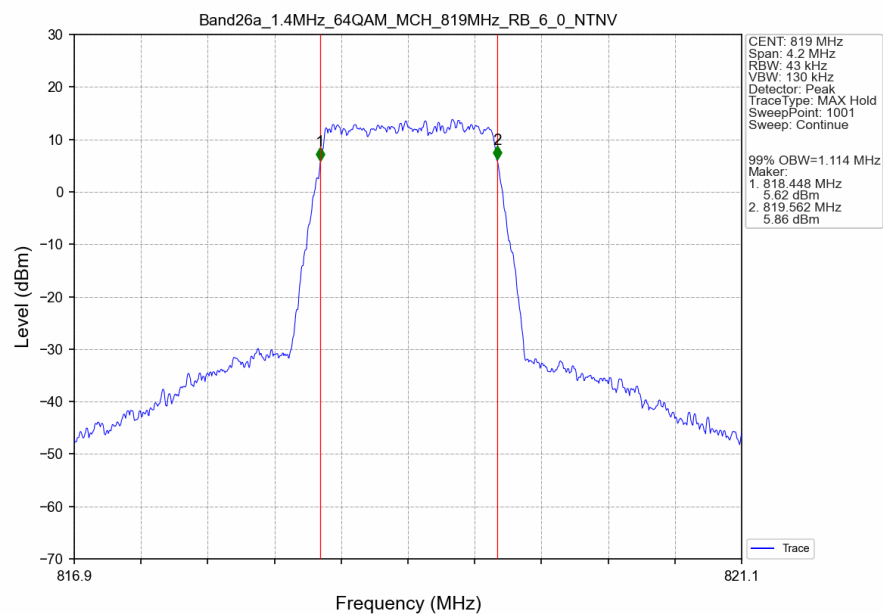
Band: 26a / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	819	6	0	1.300	/	Pass
	16QAM	819	6	0	1.303	/	Pass
	64QAM	819	6	0	1.318	/	Pass
3	QPSK	819	15	0	3.030	/	Pass
	16QAM	819	15	0	3.057	/	Pass
	64QAM	819	15	0	3.028	/	Pass
5	QPSK	819	25	0	4.959	/	Pass
	16QAM	819	25	0	4.991	/	Pass
	64QAM	819	25	0	4.998	/	Pass
10	QPSK	819	50	0	9.874	/	Pass
	16QAM	819	50	0	9.759	/	Pass
	64QAM	819	50	0	9.858	/	Pass

3.2 Test Graph

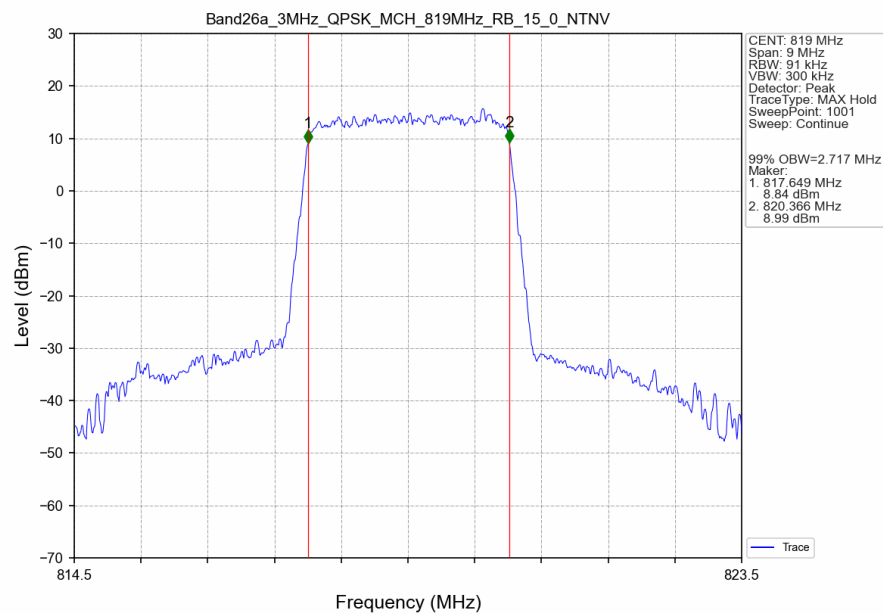
3.2.1 Band26a_OBW



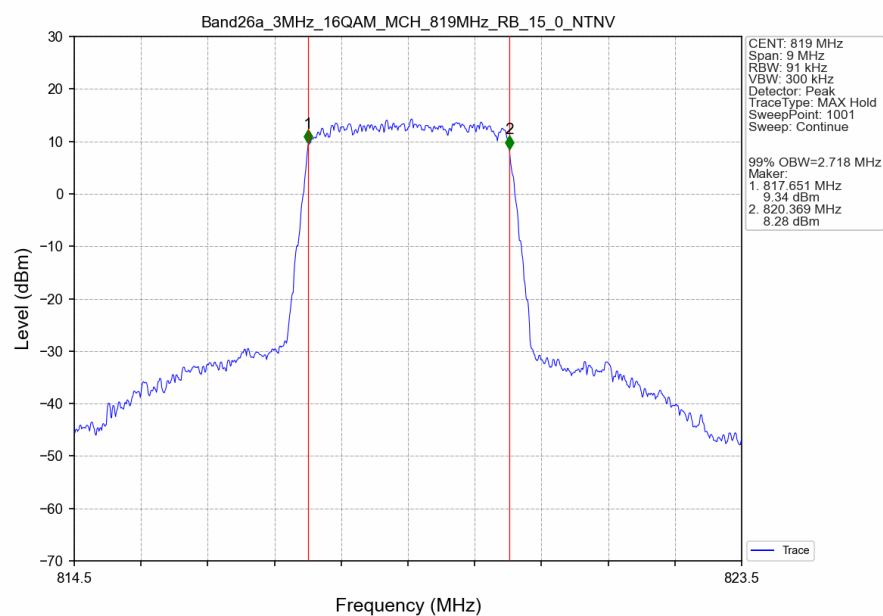
Band26a_1.4MHz_64QAM_MCH_819MHz_RB_6_0_NTNV



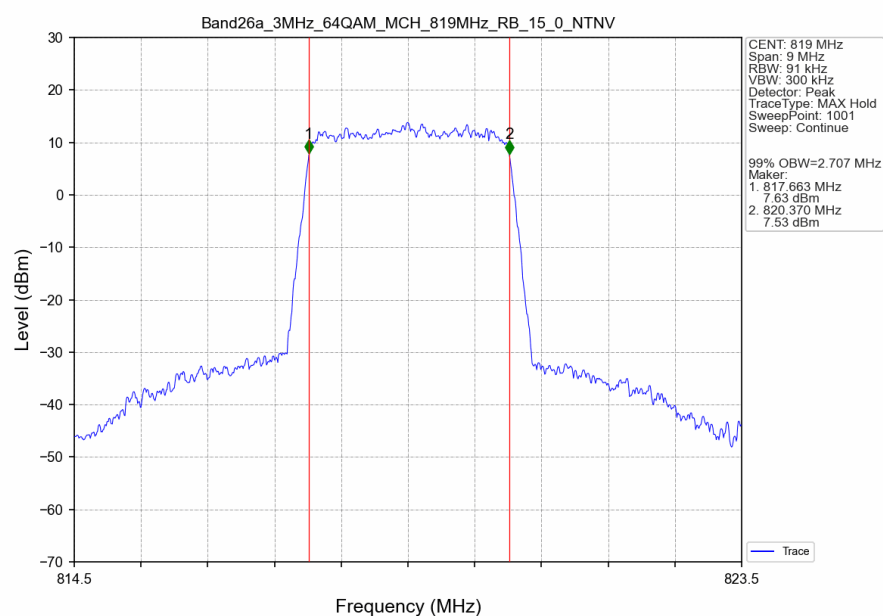
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



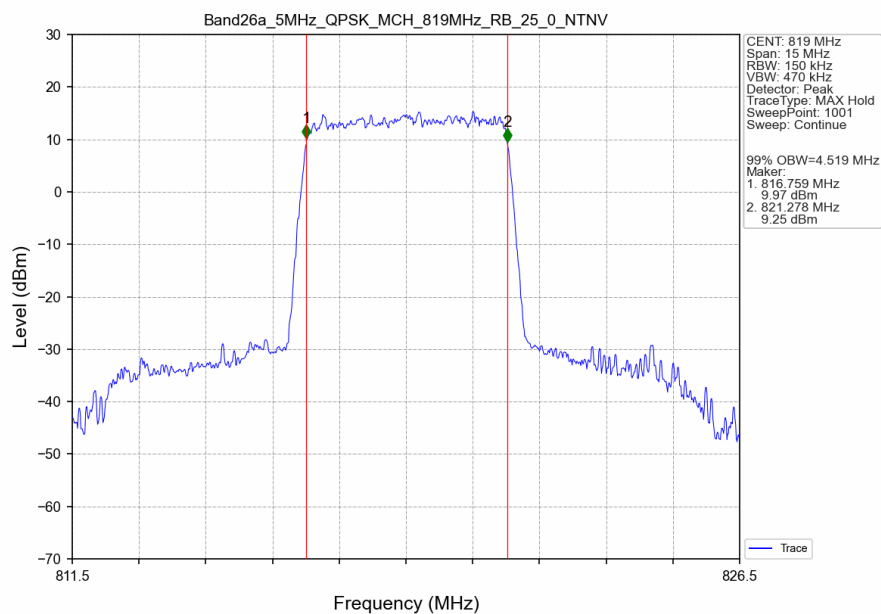
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



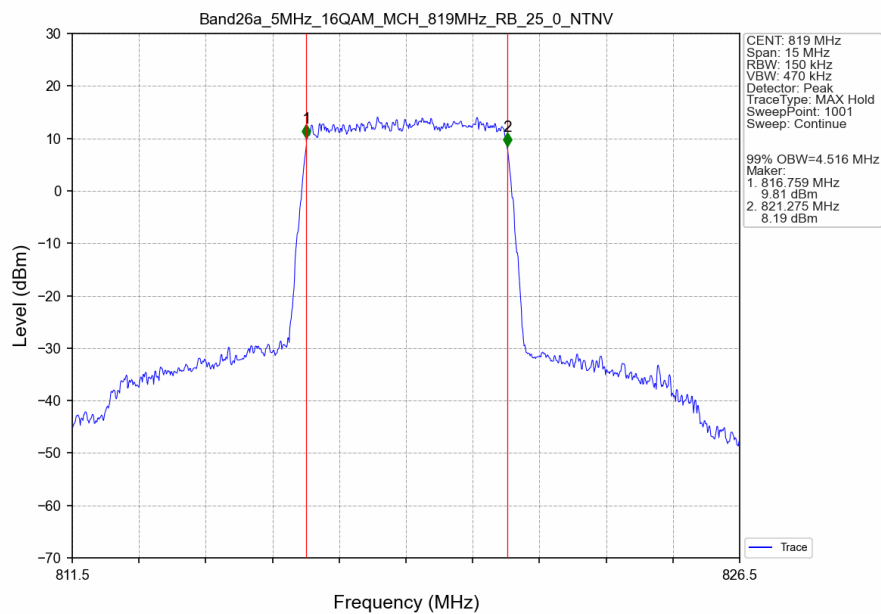
Band26a_3MHz_64QAM_MCH_819MHz_RB_15_0_NTNV



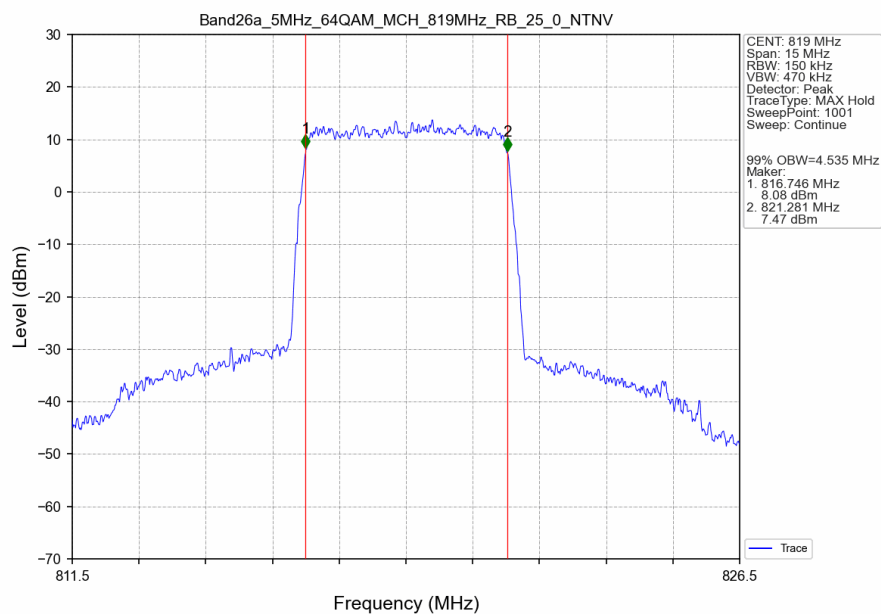
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



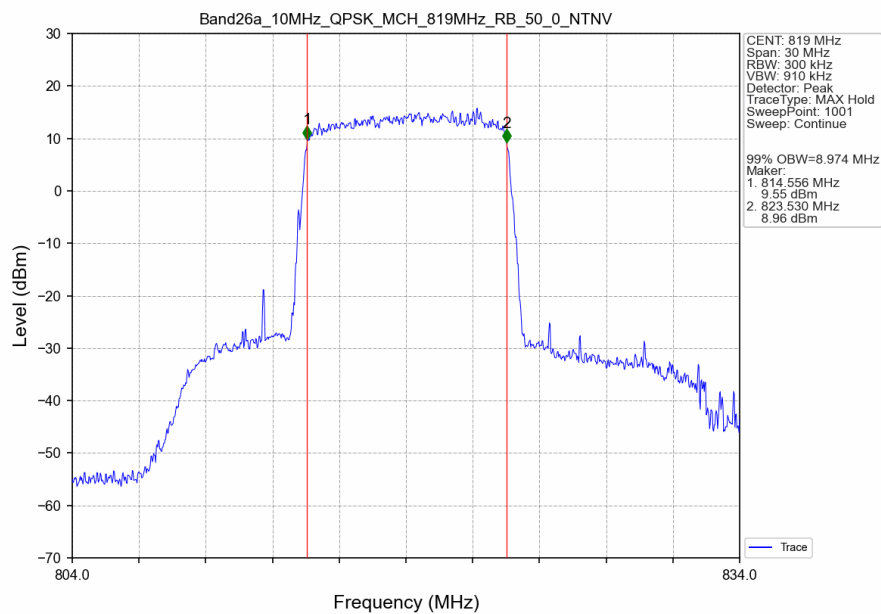
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



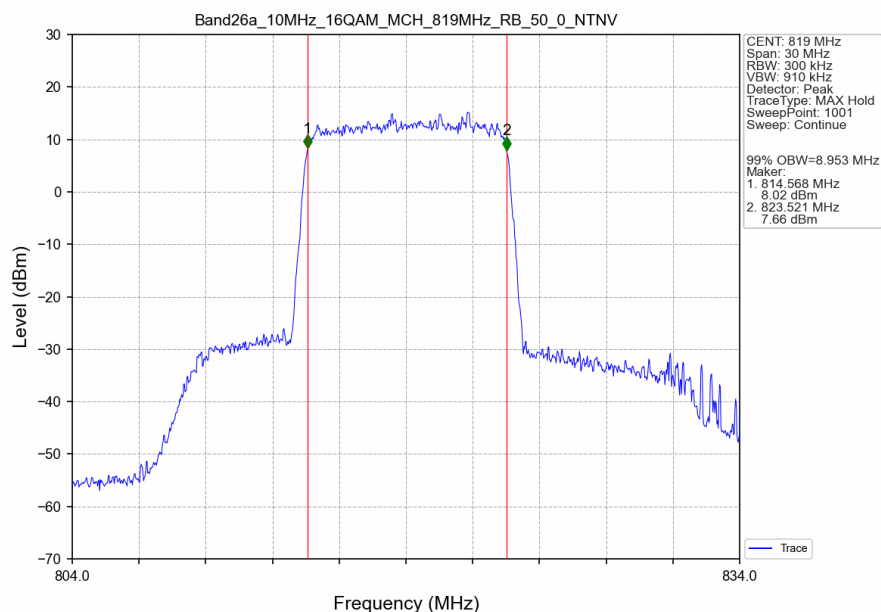
Band26a_5MHz_64QAM_MCH_819MHz_RB_25_0_NTNV



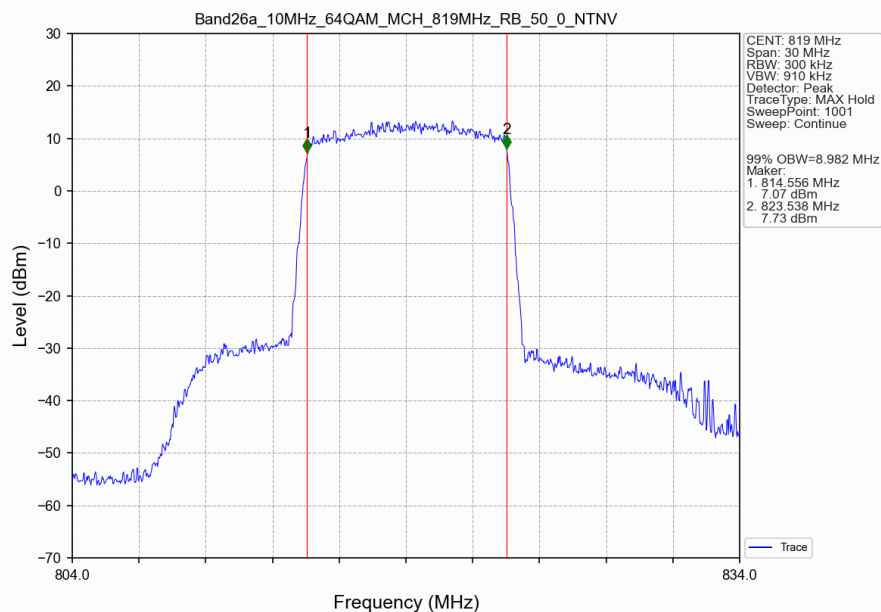
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



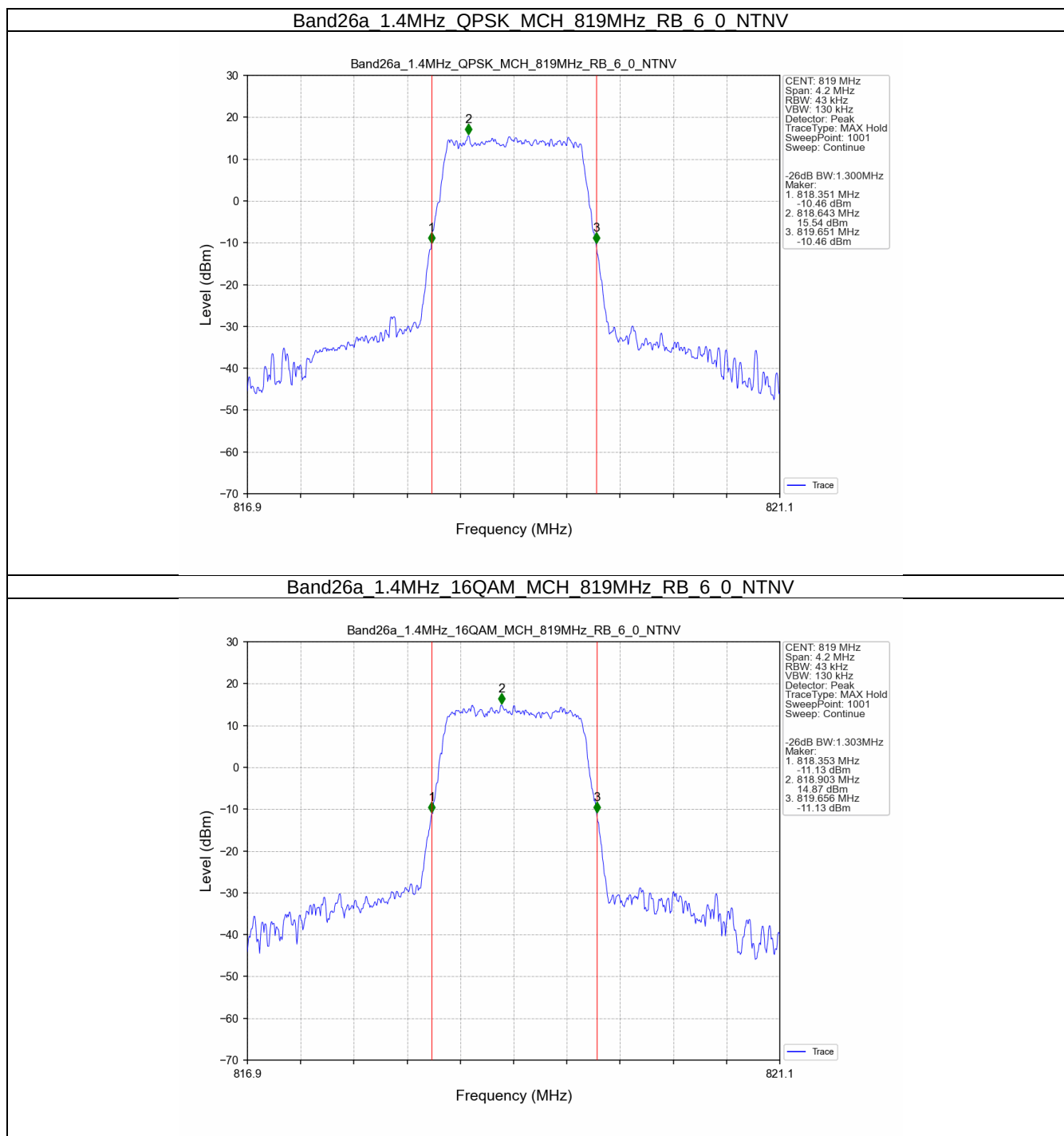
Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



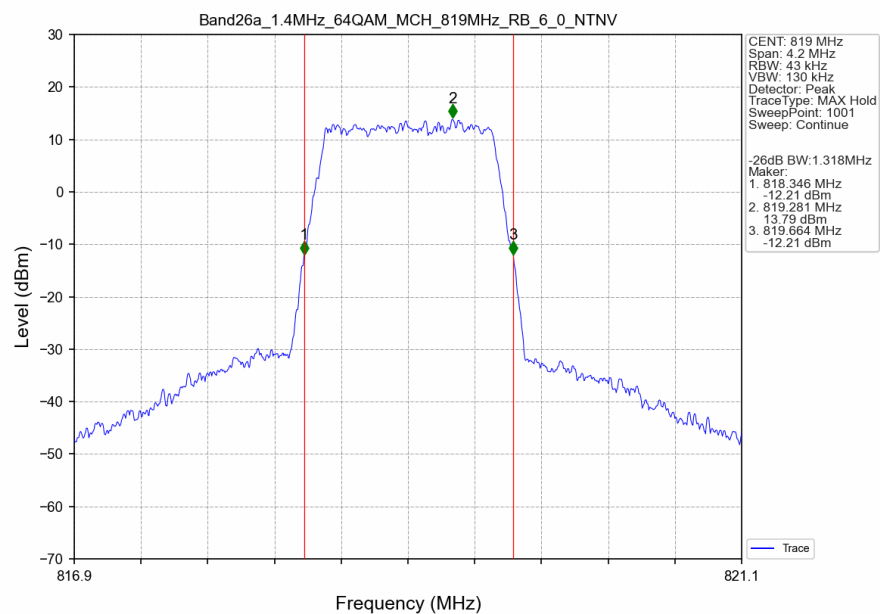
Band26a_10MHz_64QAM_MCH_819MHz_RB_50_0_NTNV



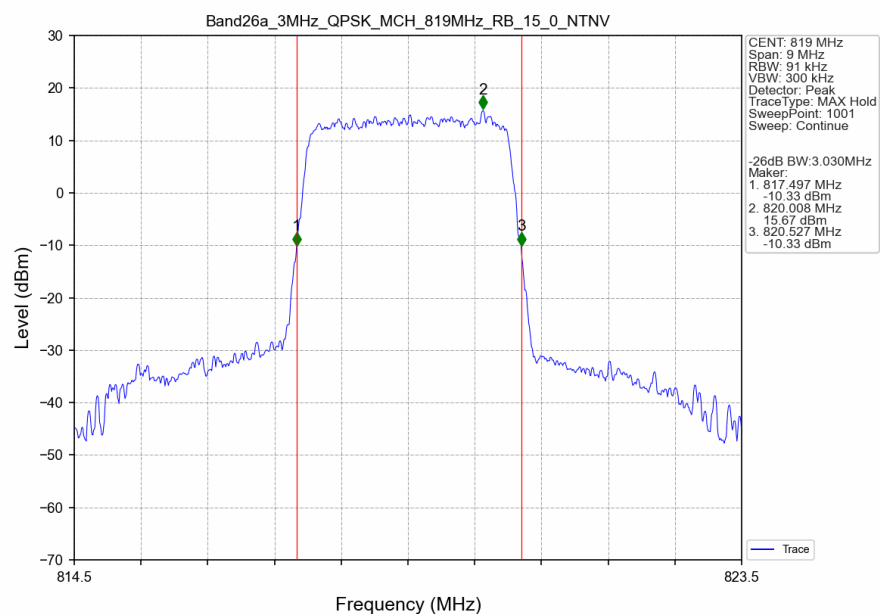
3.2.2 Band26a_XDB



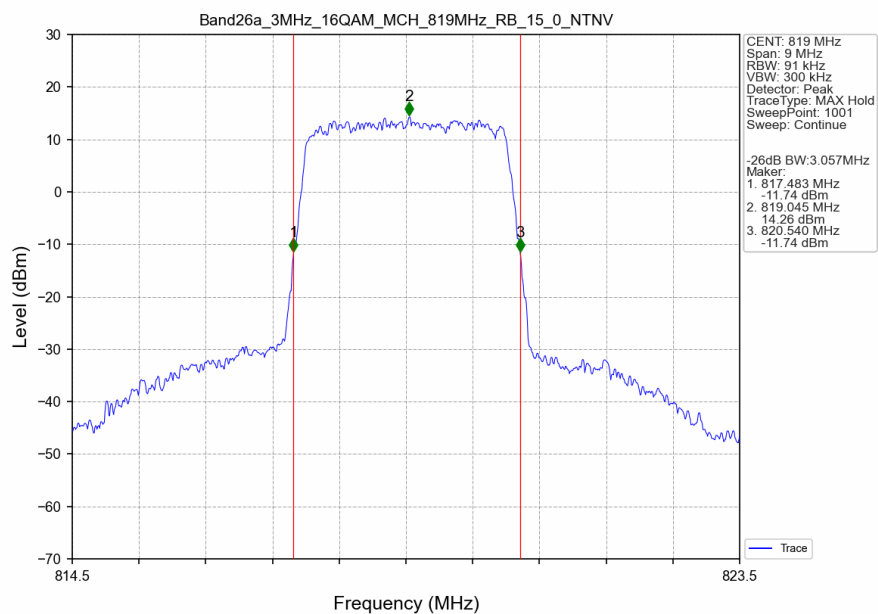
Band26a_1.4MHz_64QAM_MCH_819MHz_RB_6_0_NTNV



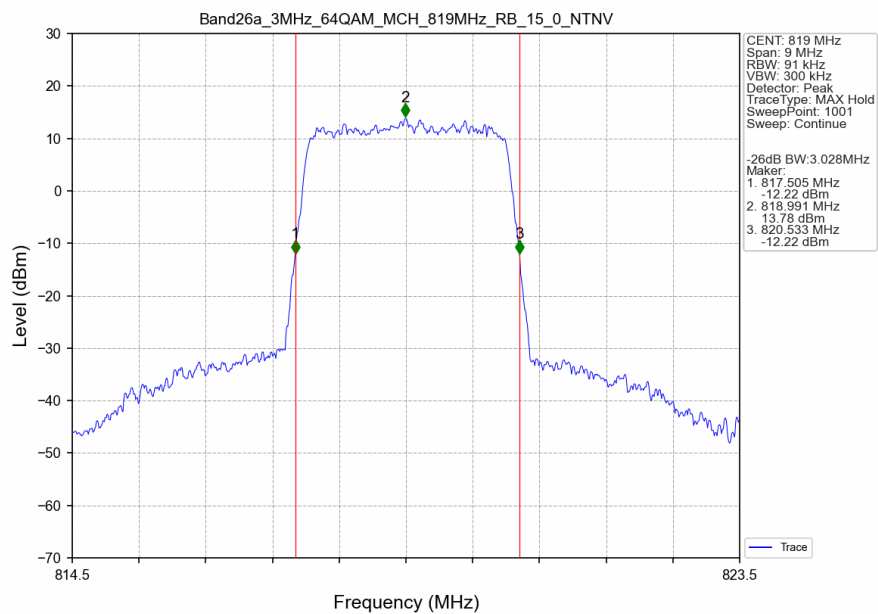
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



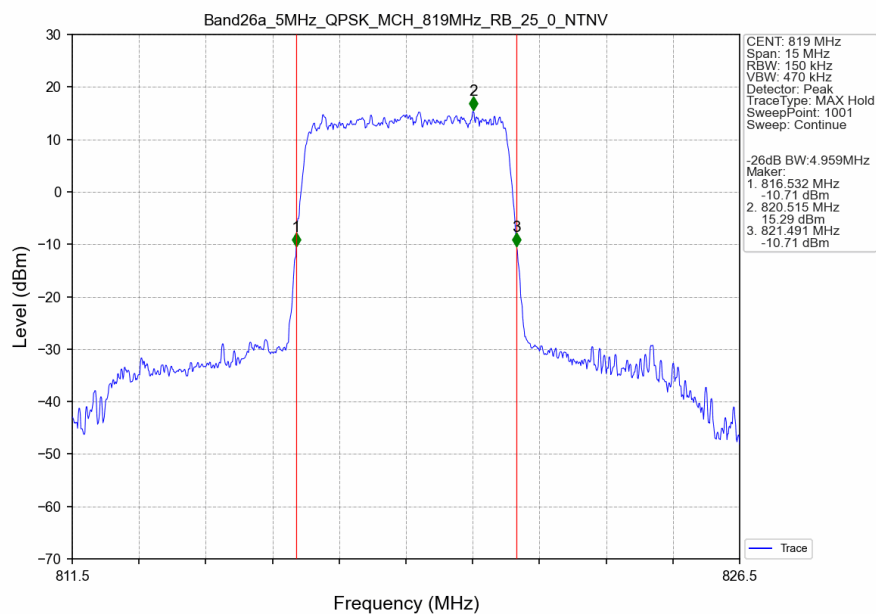
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



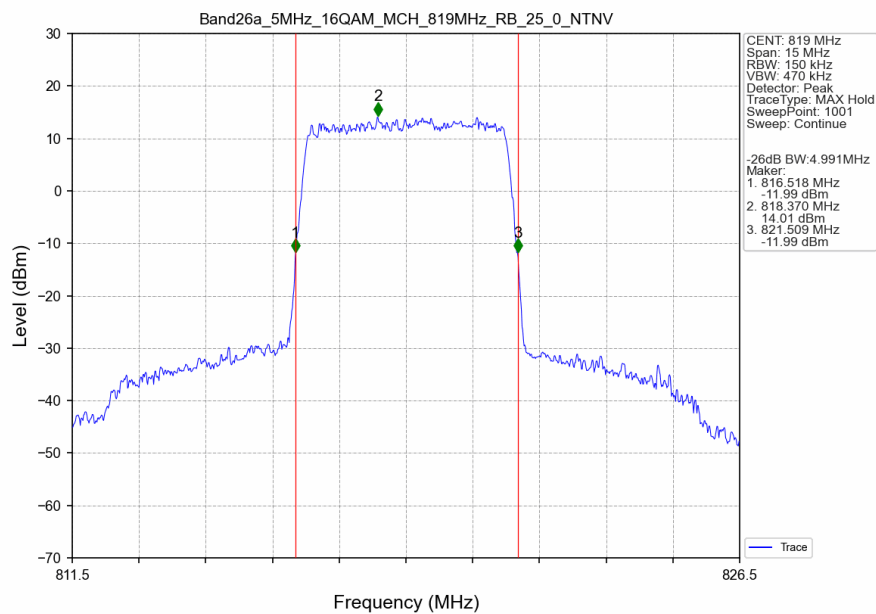
Band26a_3MHz_64QAM_MCH_819MHz_RB_15_0_NTNV



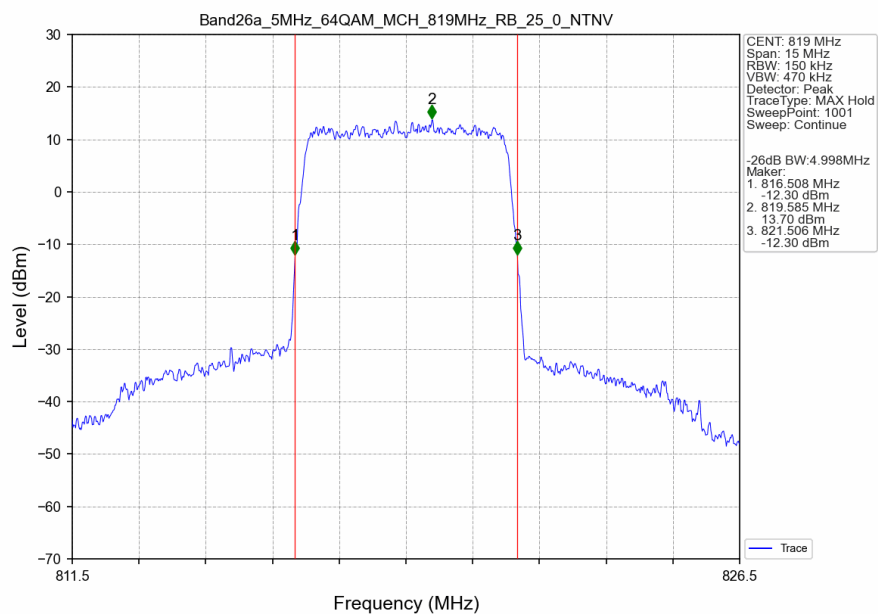
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



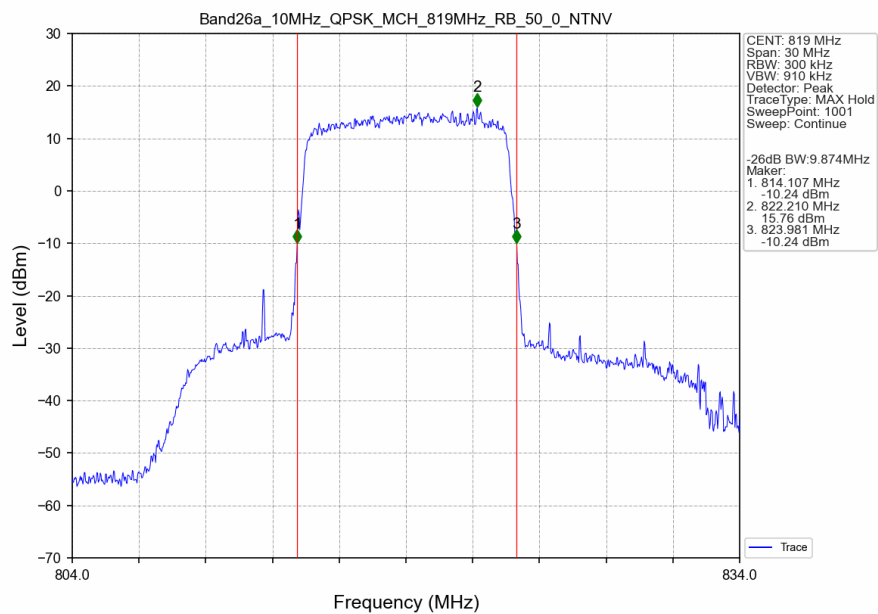
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



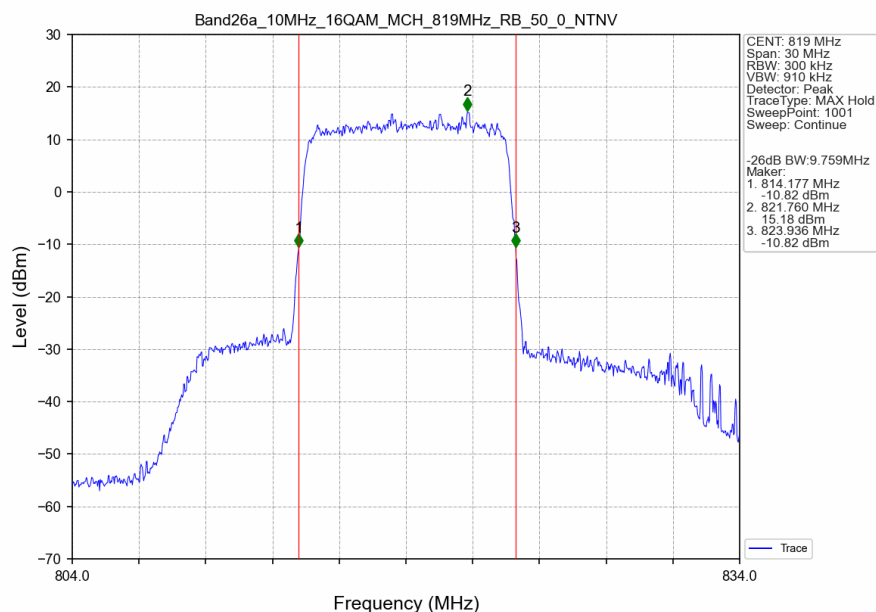
Band26a_5MHz_64QAM_MCH_819MHz_RB_25_0_NTNV



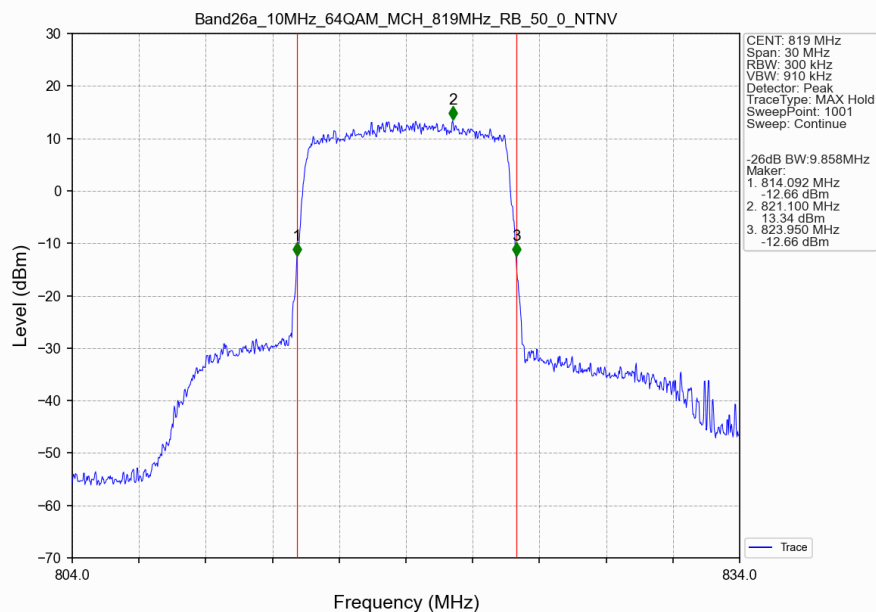
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_64QAM_MCH_819MHz_RB_50_0_NTNV





4. Peak-Average Ratio

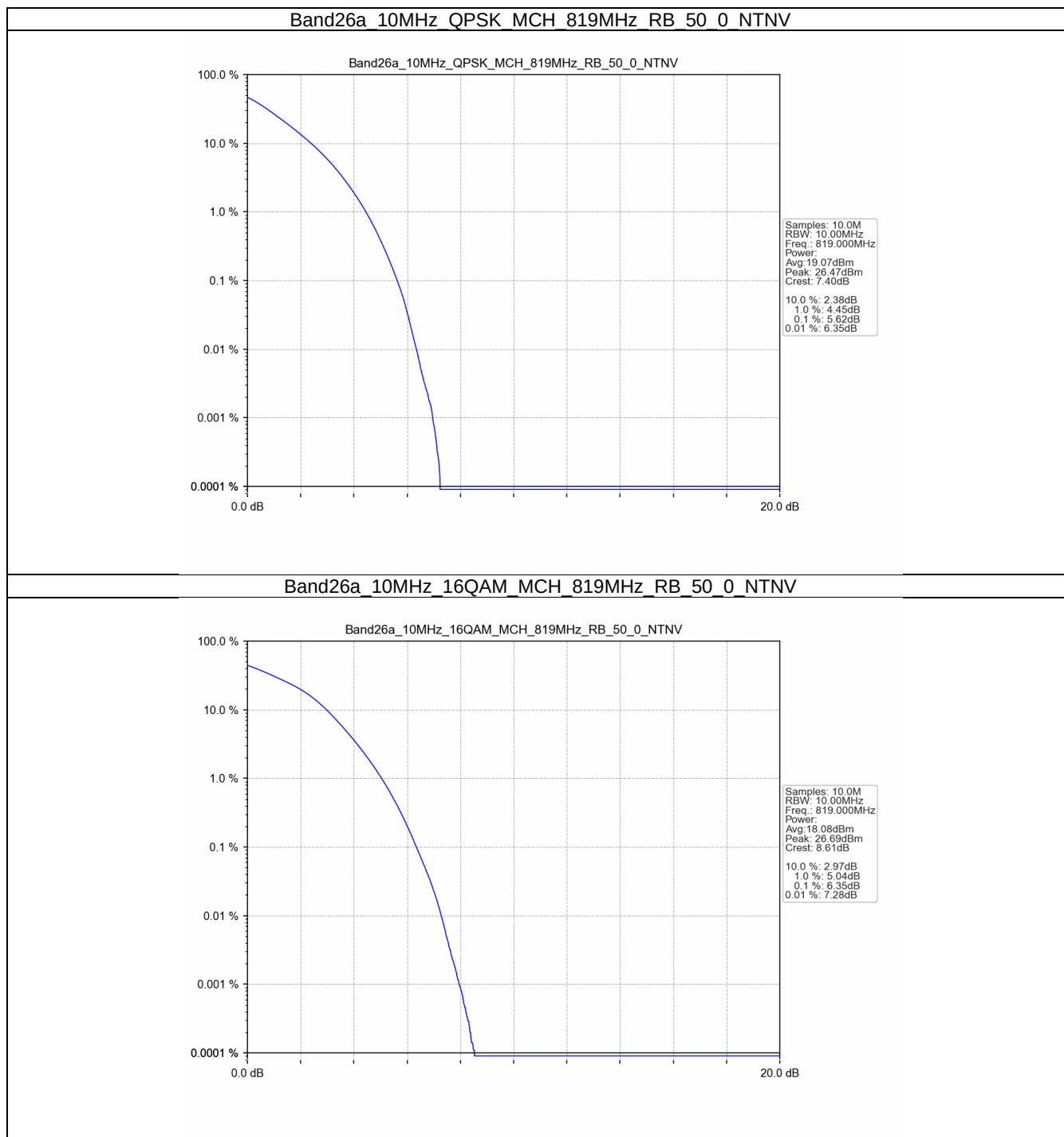
4.1 Test Result

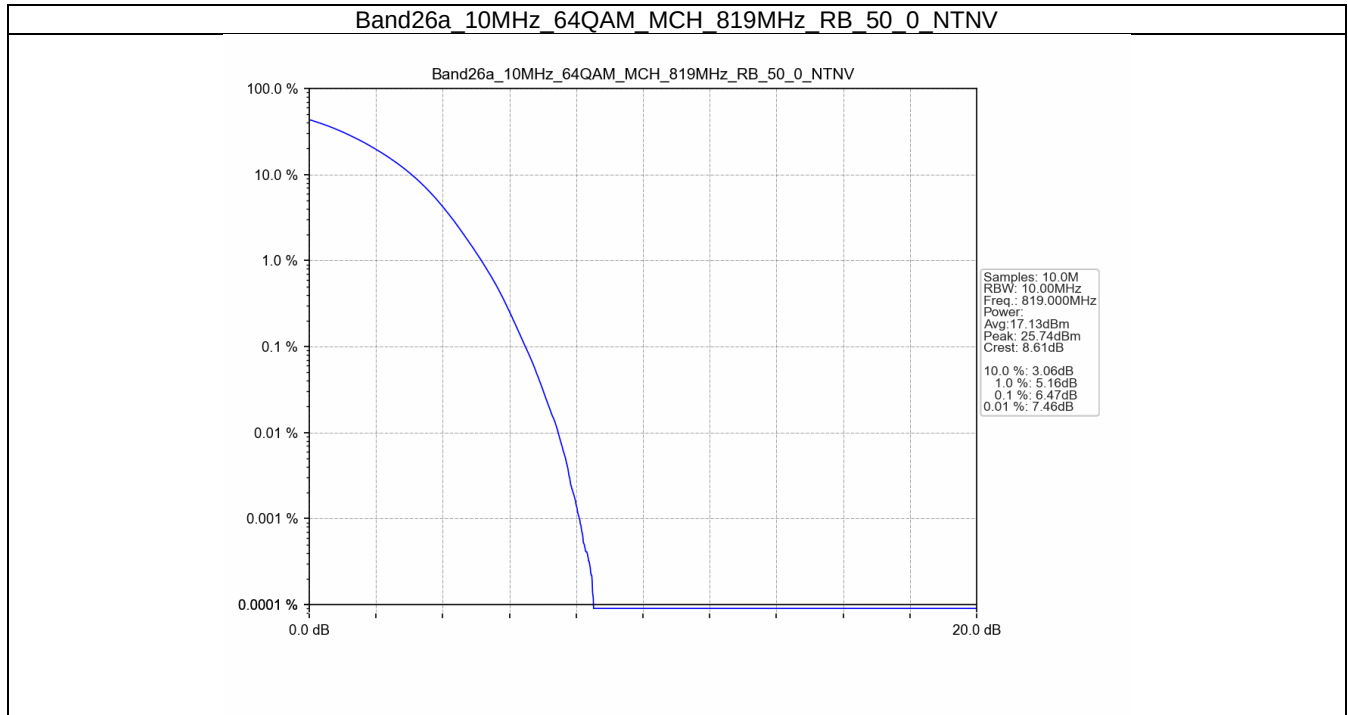
4.1.1 B26a_10MHz

Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.62	<=13	Pass
16QAM	819	50	0	6.35	<=13	Pass
64QAM	819	50	0	6.47	<=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

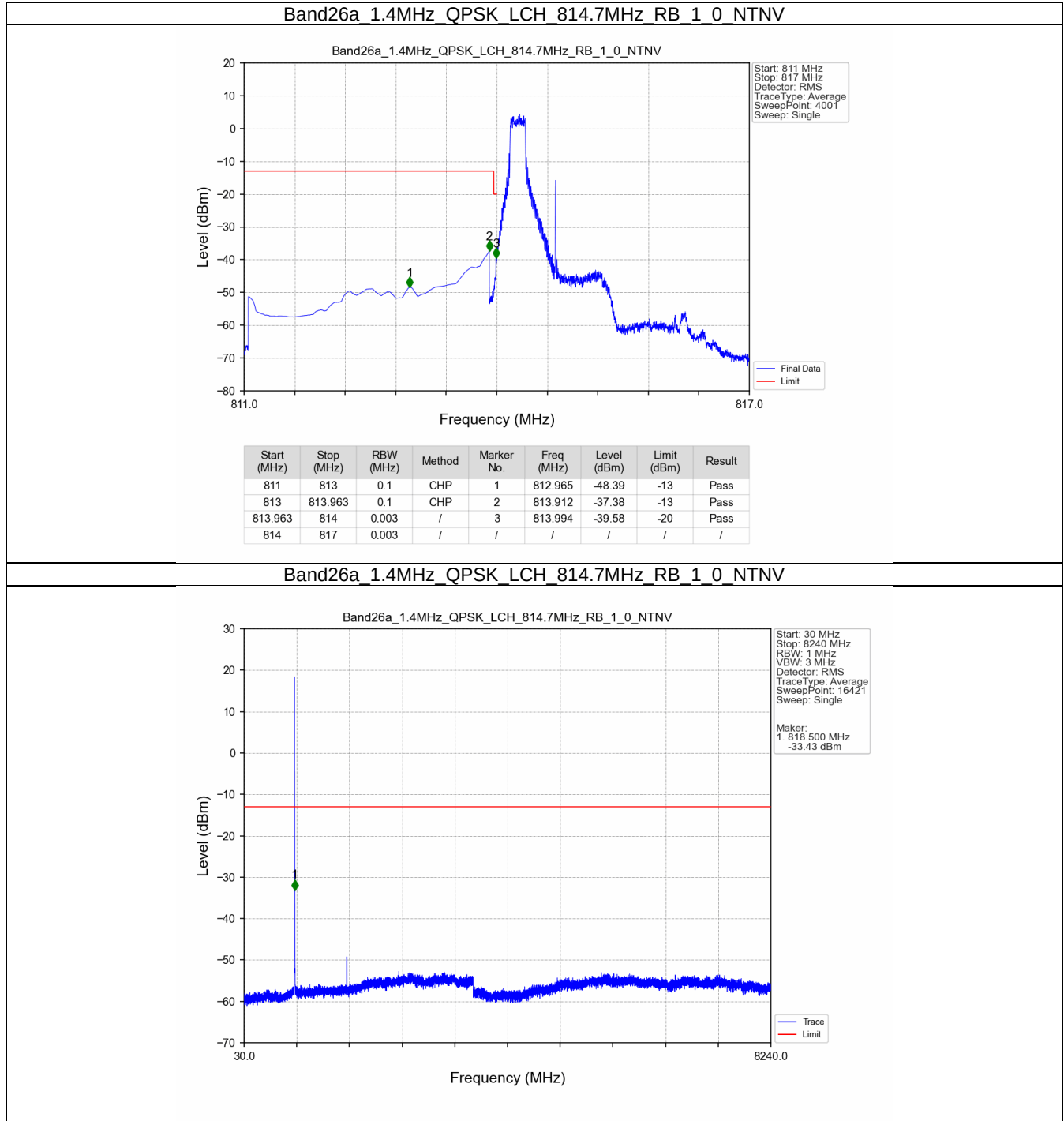


5.1.4 B26a_10MHz

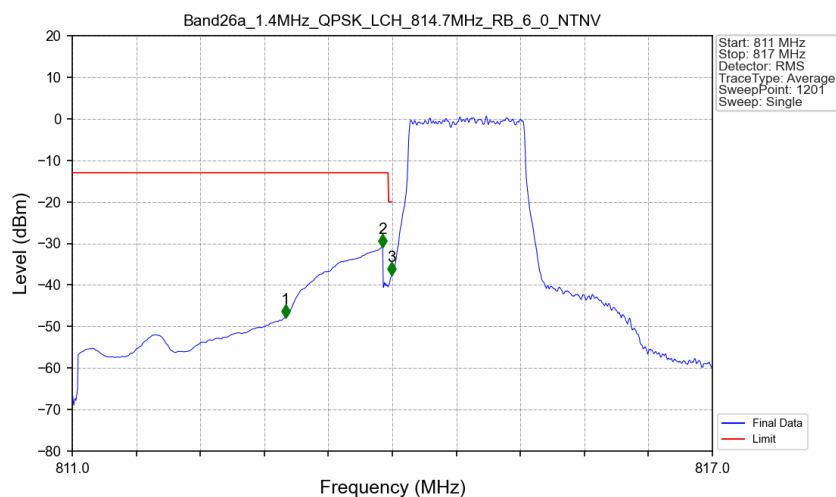
Band: 26a / Bandwidth: 10MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	819	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	819	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.2 Test Graph

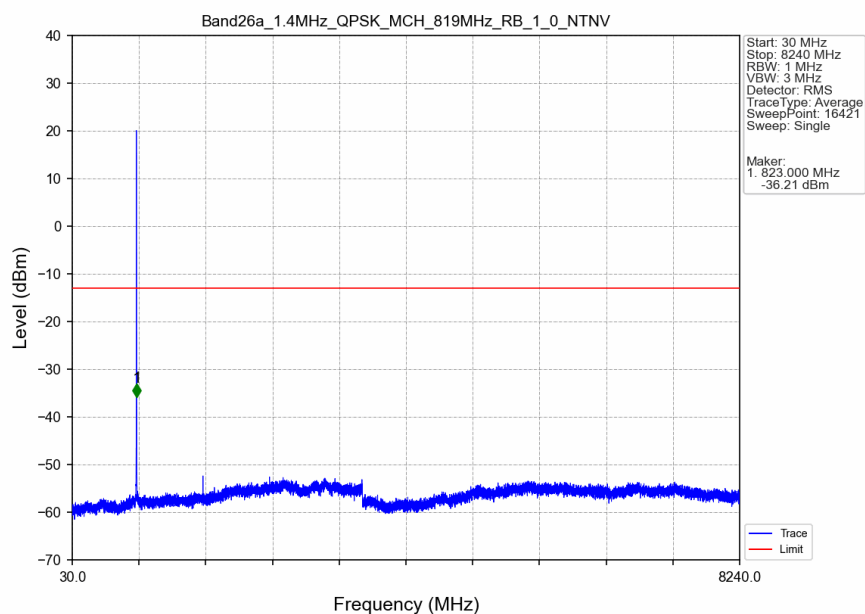
5.2.1 B26a_1.4MHz



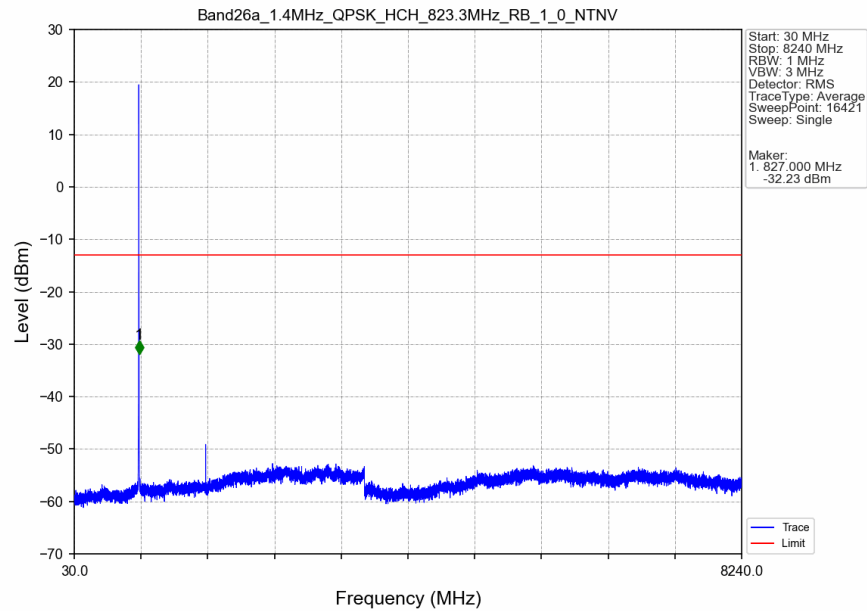
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



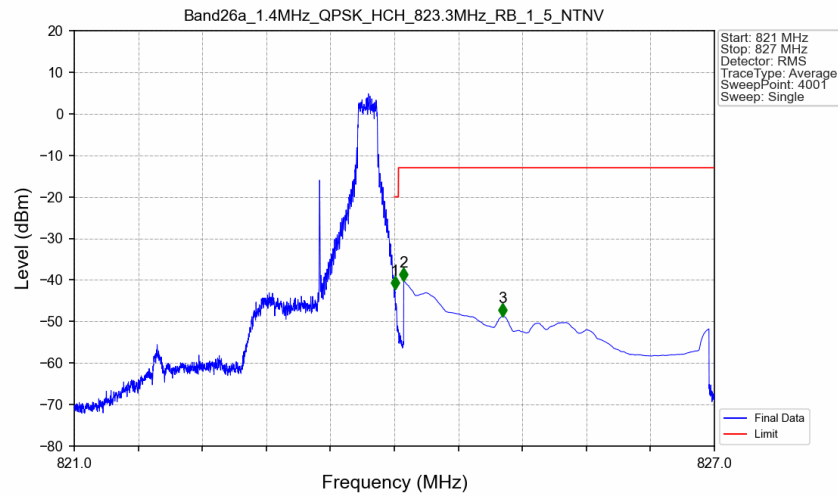
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_0_NTNV

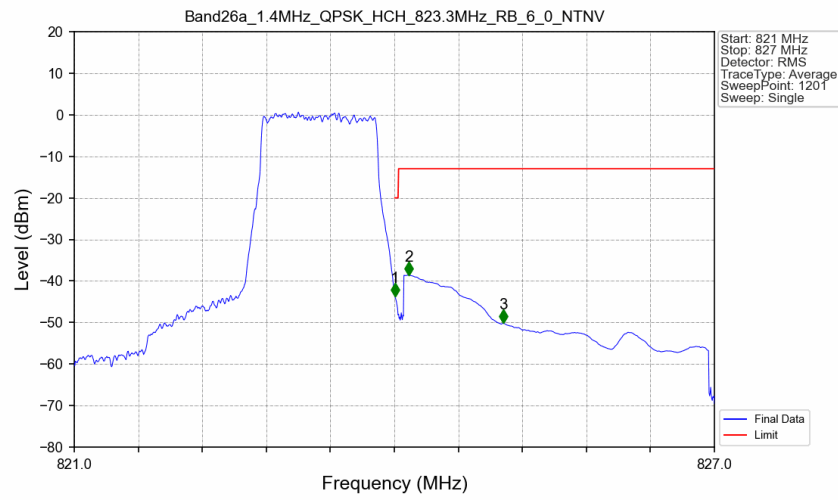


Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_5_NTNV



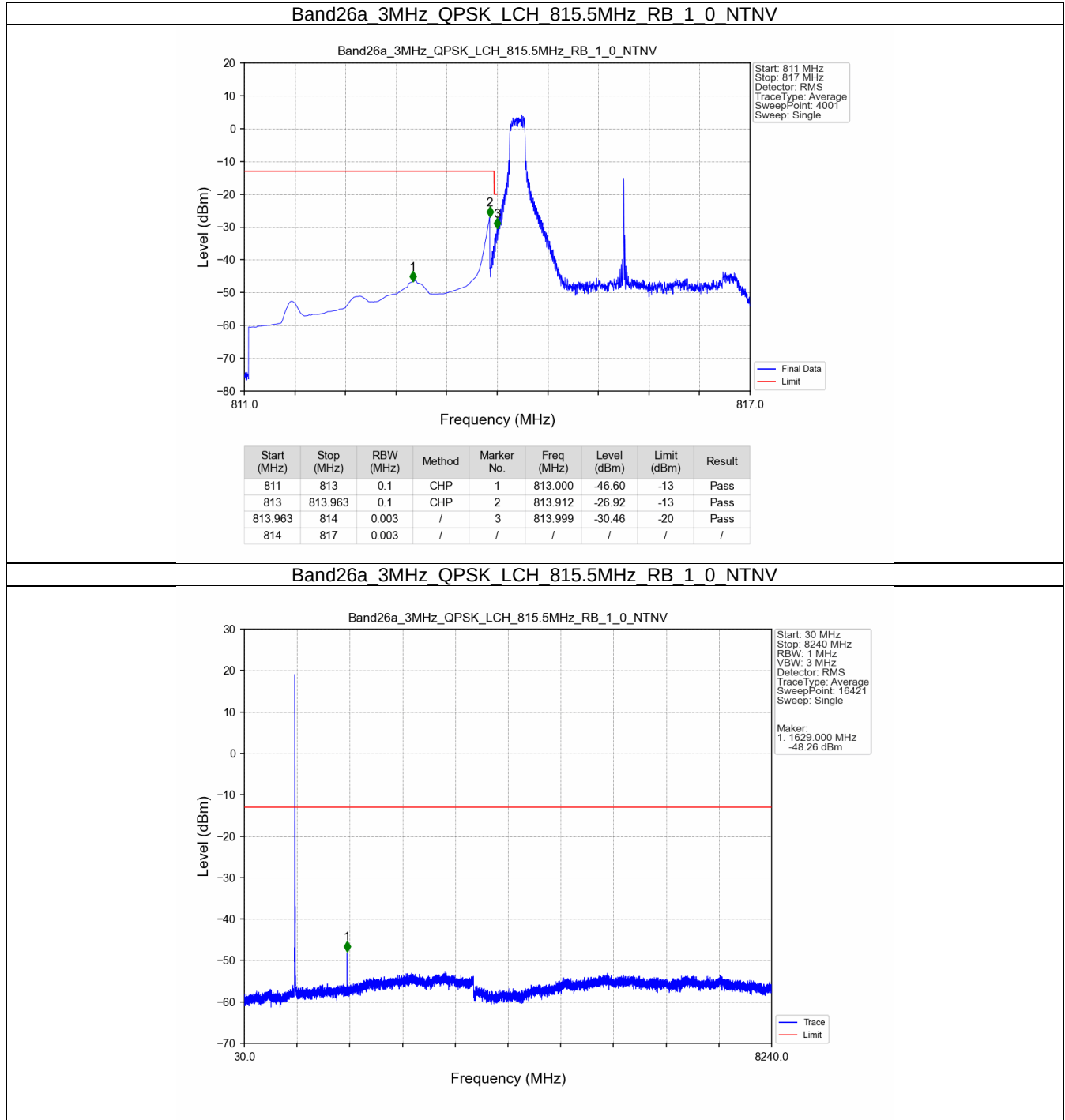
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.005	-42.18	-20	Pass
824.038	825	0.1	CHP	2	824.088	-40.19	-13	Pass
825	827	0.1	CHP	3	825.017	-48.75	-13	Pass

Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV

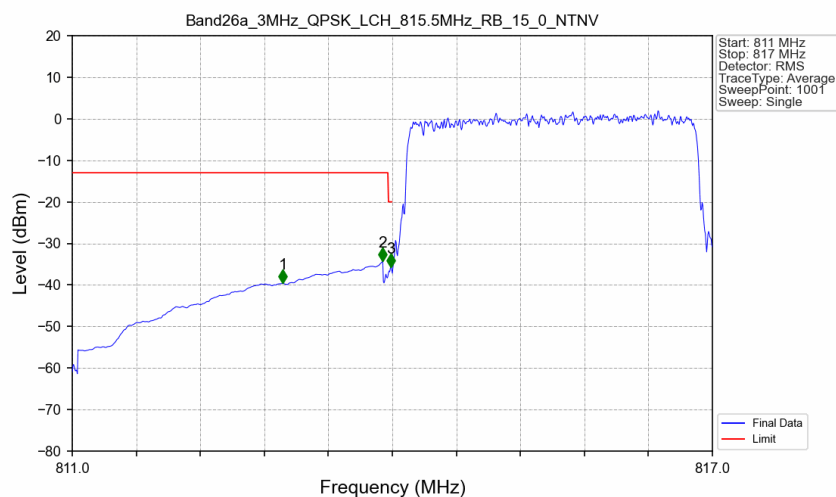


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.013	CHP	/	/	/	/	/
824	824.038	0.013	CHP	1	824.005	-43.64	-20	Pass
824.038	825	0.1	CHP	2	824.135	-38.53	-13	Pass
825	827	0.1	CHP	3	825.020	-50.11	-13	Pass

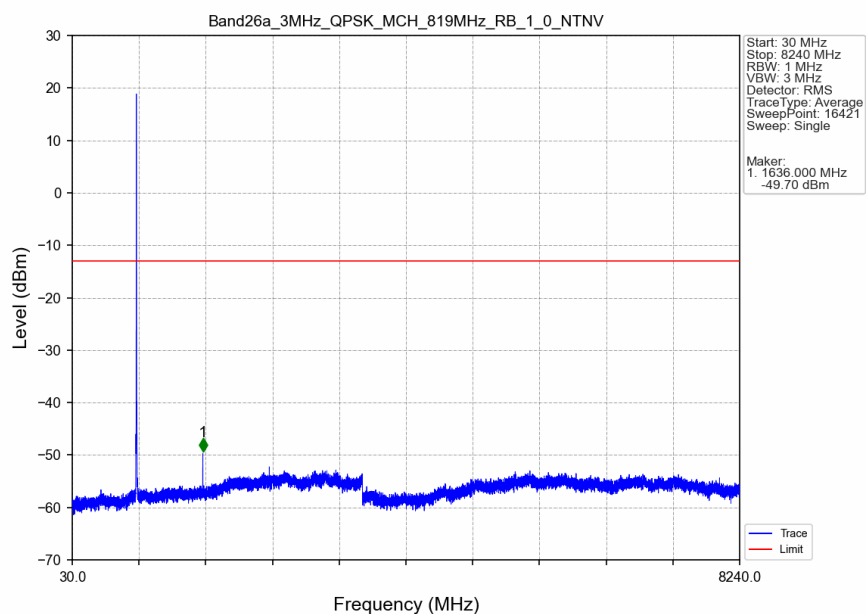
5.2.2 B26a_3MHz



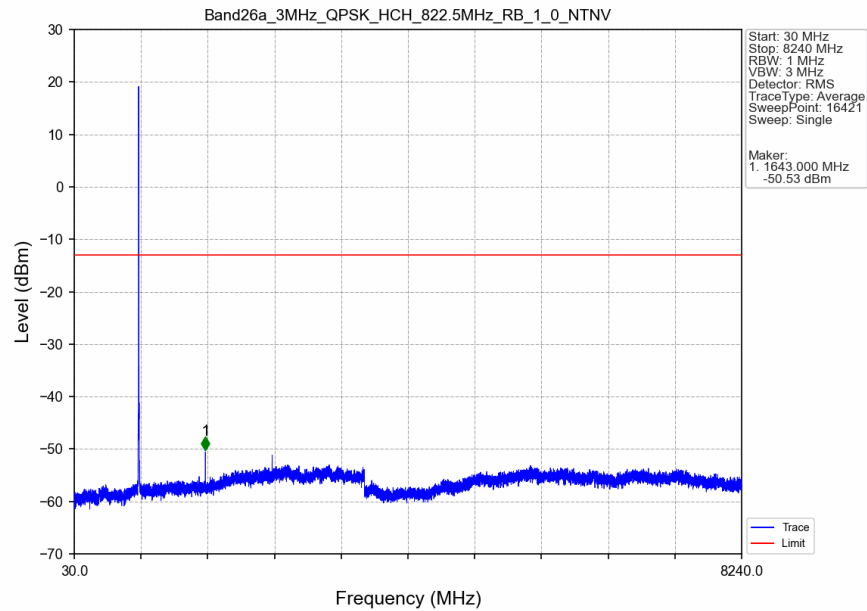
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



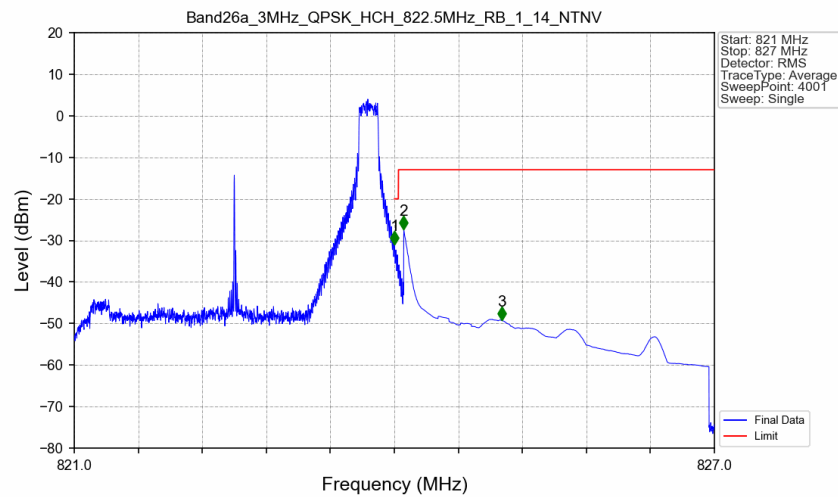
Band26a_3MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



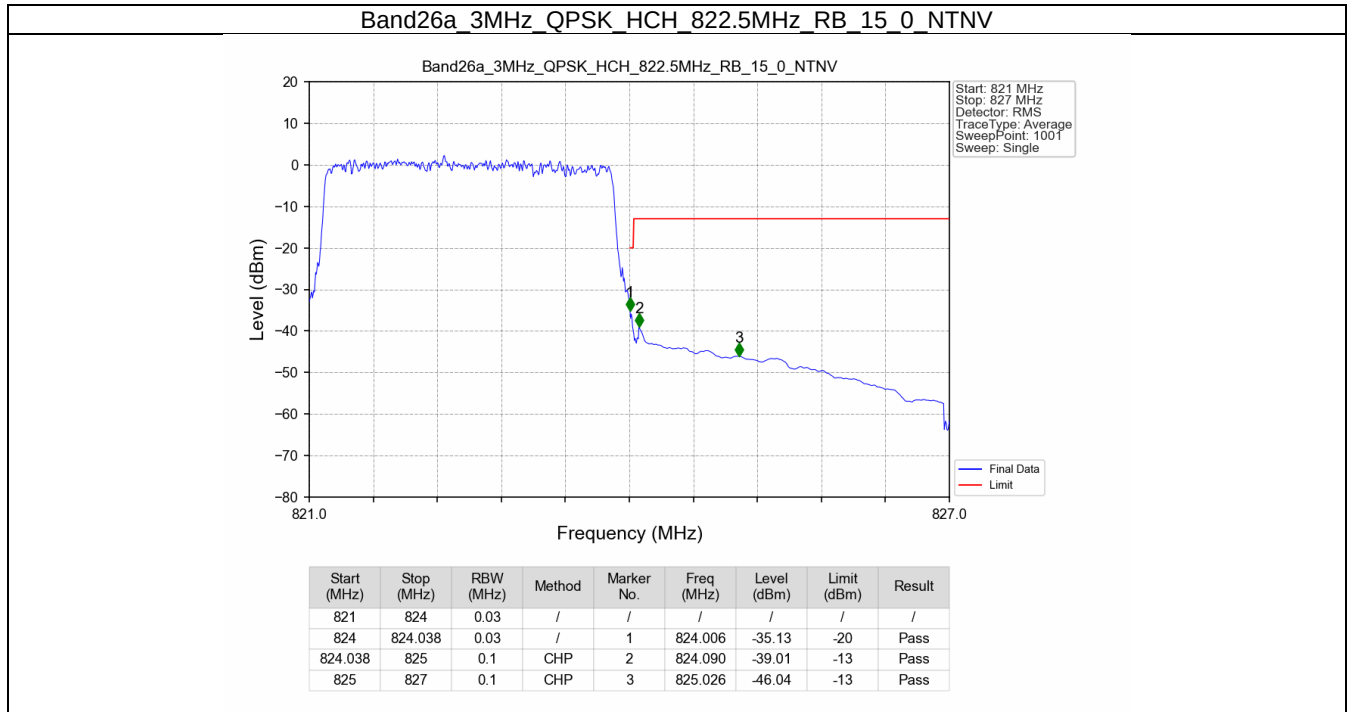
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_0_NTNV



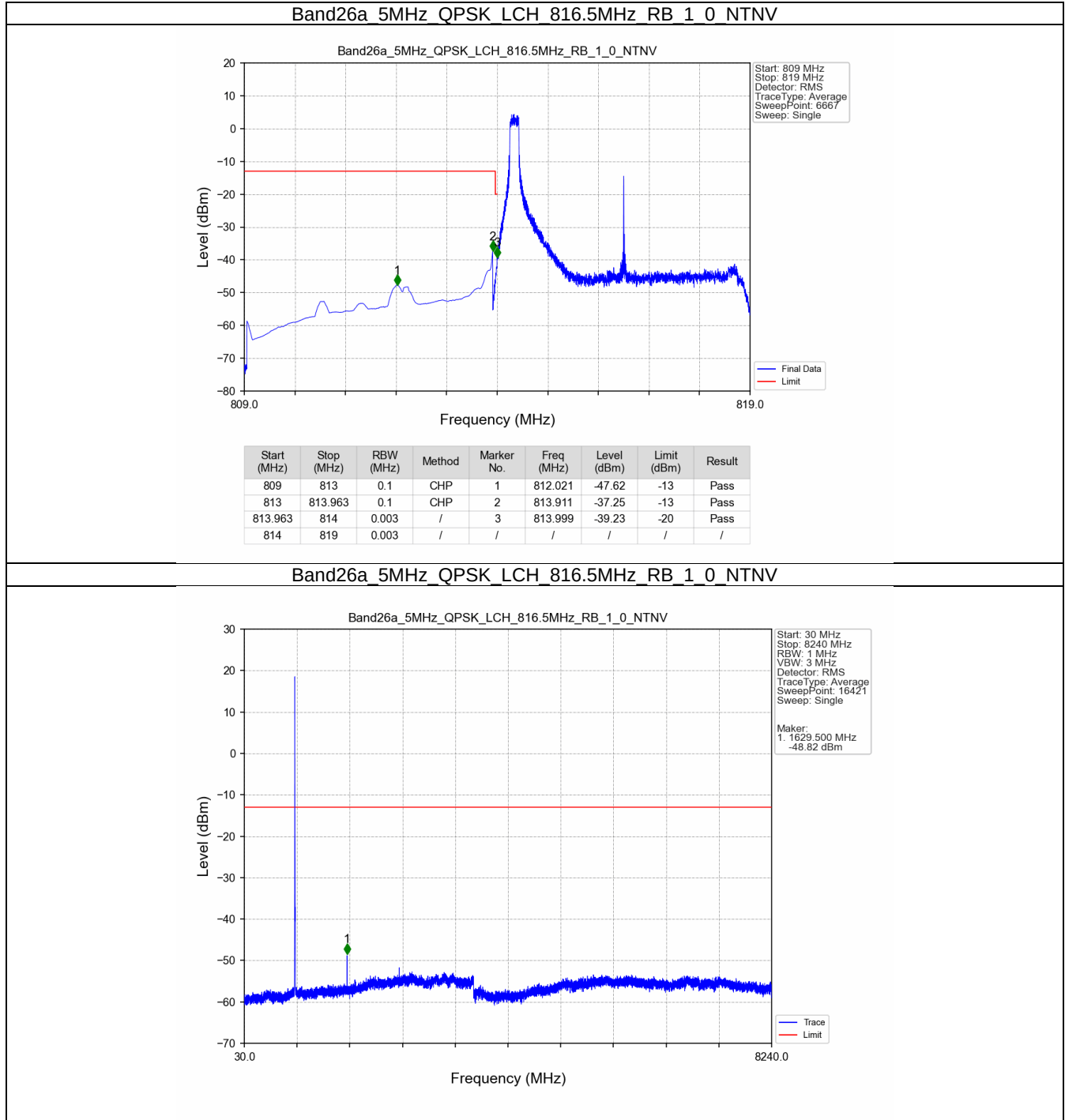
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_14_NTNV



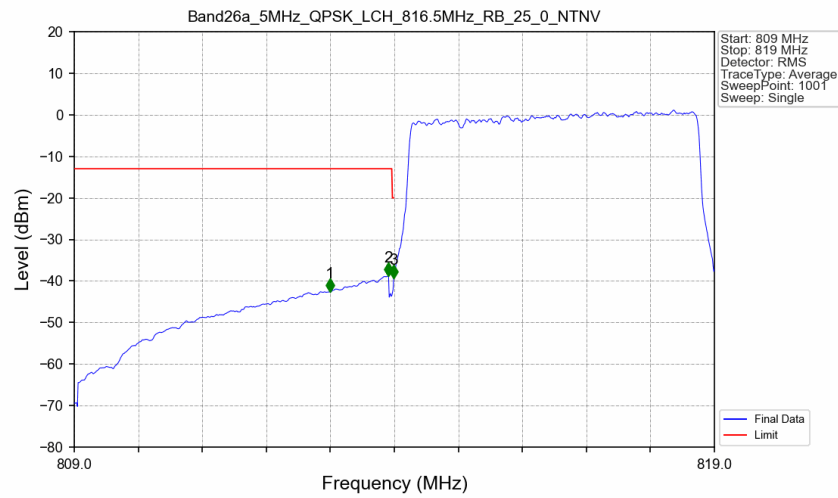
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.001	-30.93	-20	Pass
824.038	825	0.1	CHP	2	824.088	-27.36	-13	Pass
825	827	0.1	CHP	3	825.006	-49.19	-13	Pass



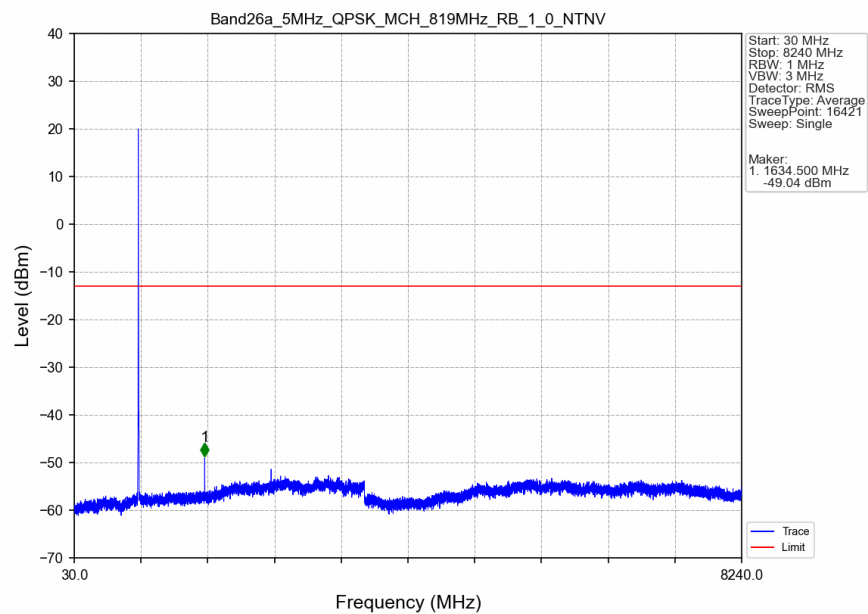
5.2.3 B26a_5MHz



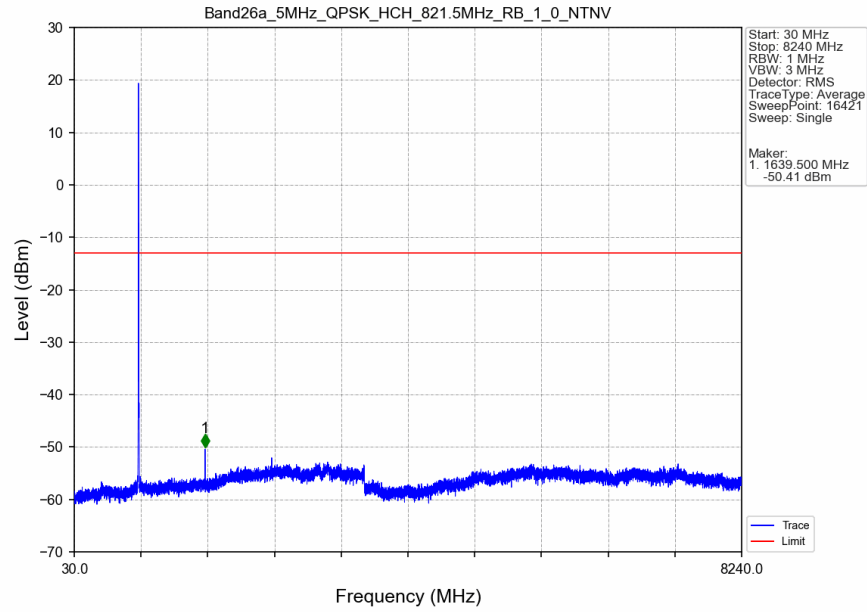
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



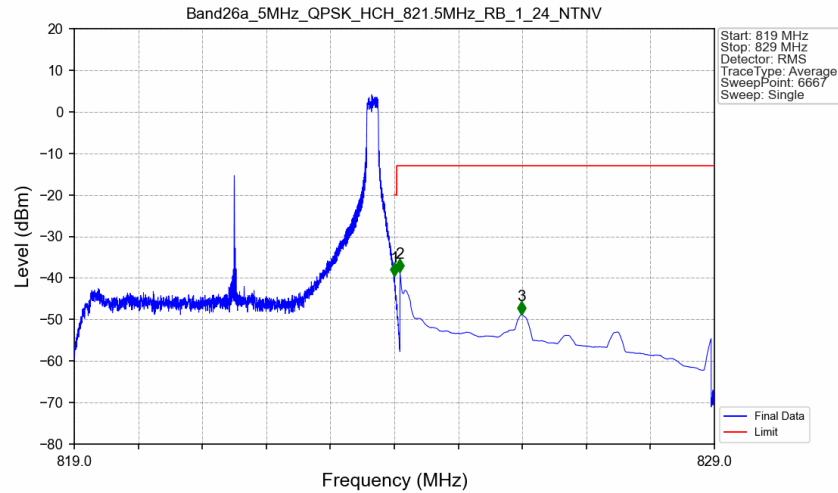
Band26a_5MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



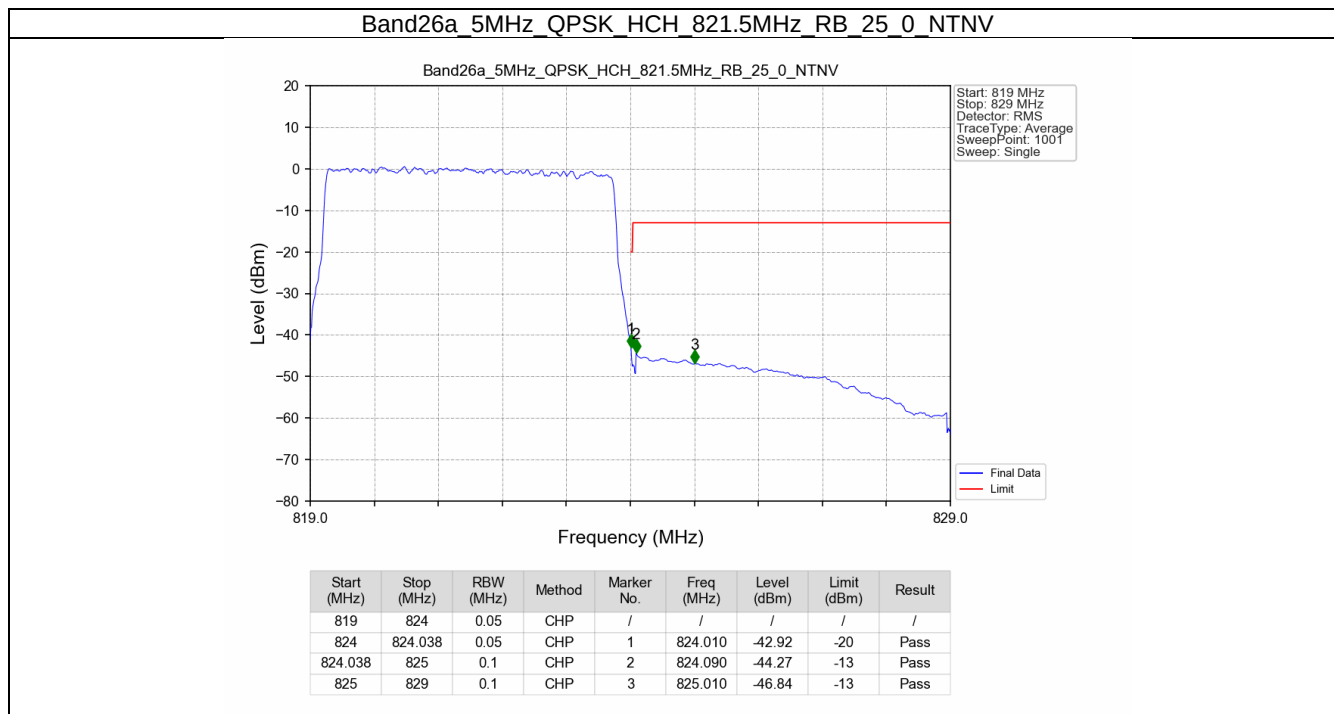
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_0_NTNV



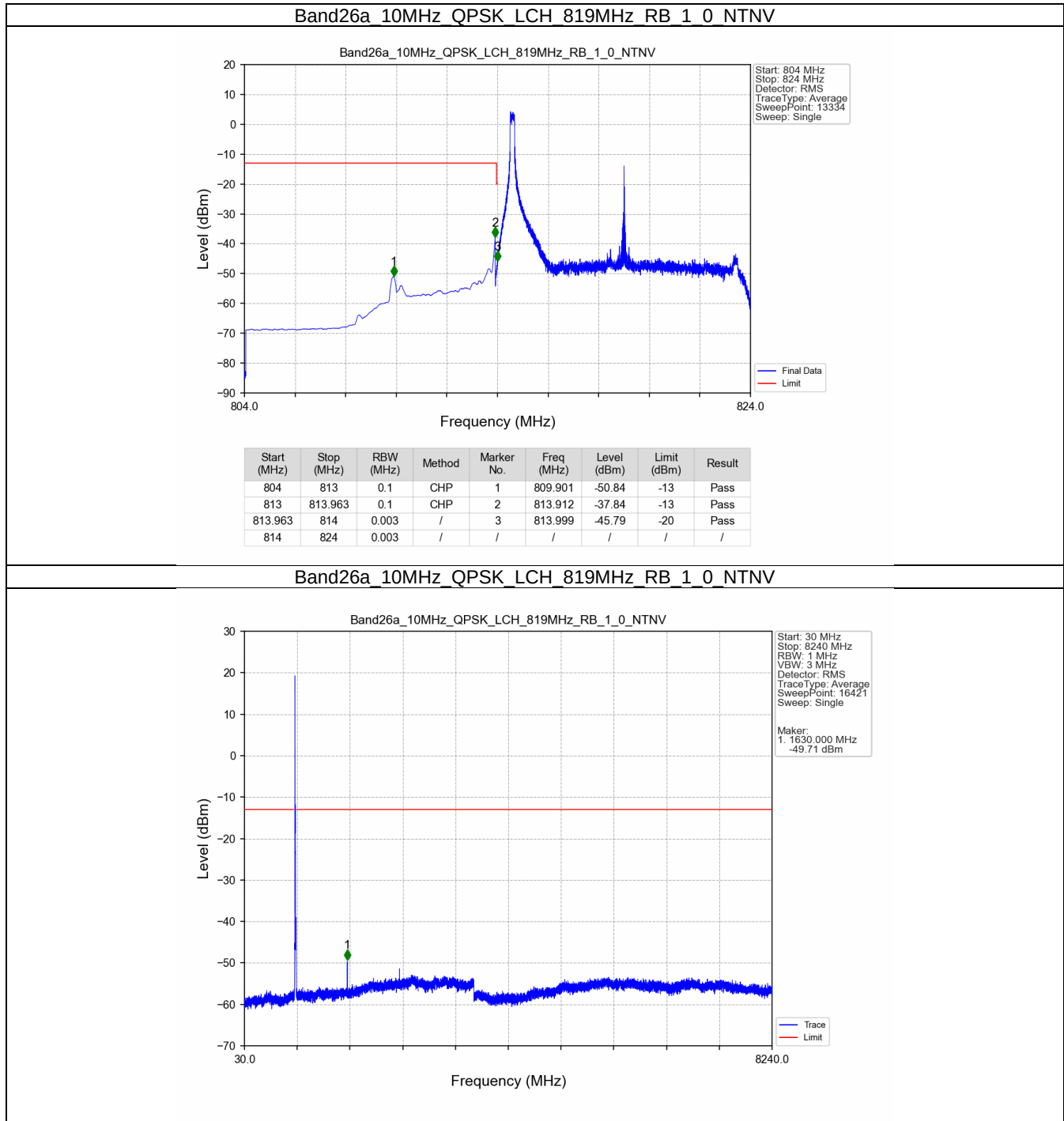
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_24_NTNV



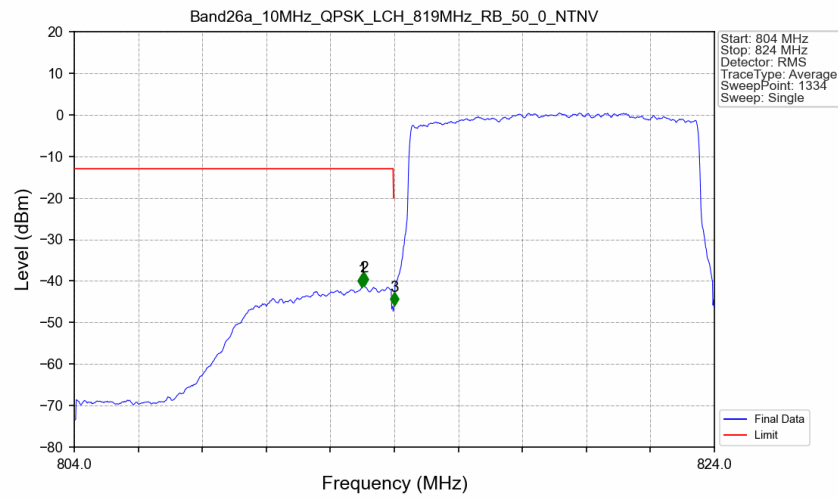
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.001	-39.59	-20	Pass
824.038	825	0.1	CHP	2	824.089	-38.62	-13	Pass
825	829	0.1	CHP	3	825.983	-48.80	-13	Pass



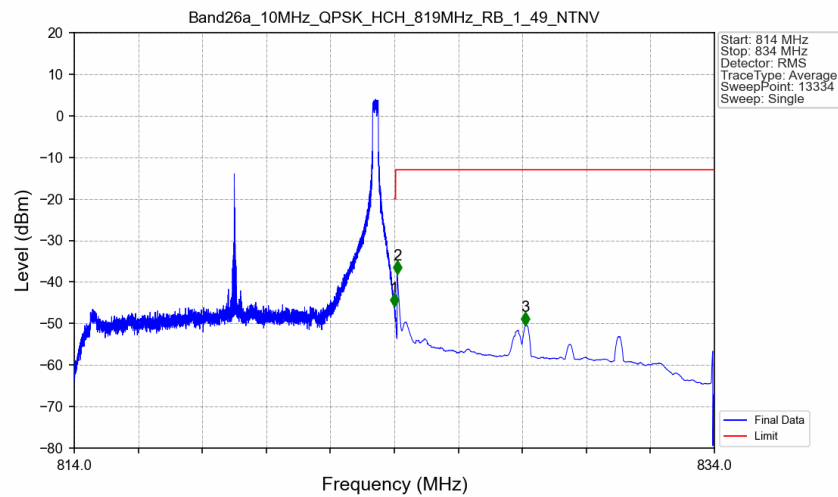
5.2.4 B26a_10MHz

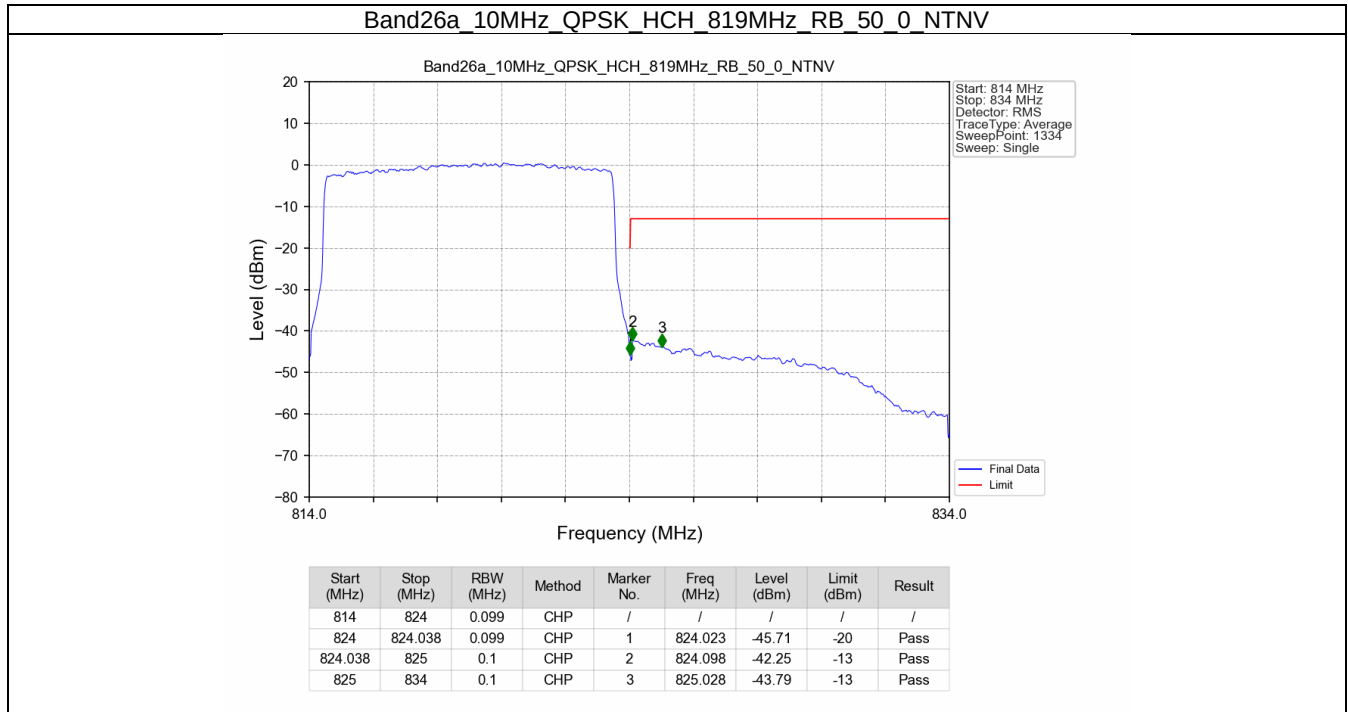


Band26a_10MHz_QPSK_LCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_QPSK_HCH_819MHz_RB_1_49_NTNV





- End of the Appendix -