

1. Transmitter Conducted Power Output

1.1 Test Result

1.1.1 B26a_1.4MHz_ERP

Band: 26a / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	814.7	1	0	21.17	<=50	Pass
			2	21.60	<=50	Pass
			5	21.60	<=50	Pass
		3	0	21.57	<=50	Pass
			2	21.55	<=50	Pass
			3	21.58	<=50	Pass
	819	1	0	20.75	<=50	Pass
			2	21.60	<=50	Pass
			5	21.58	<=50	Pass
		3	0	21.59	<=50	Pass
			2	21.53	<=50	Pass
			3	21.58	<=50	Pass
	823.3	1	0	20.78	<=50	Pass
			2	21.60	<=50	Pass
			5	21.65	<=50	Pass
		3	0	21.62	<=50	Pass
			2	21.61	<=50	Pass
			3	21.57	<=50	Pass
16QAM	814.7	1	0	20.97	<=50	Pass
			2	20.95	<=50	Pass
			5	21.01	<=50	Pass
		3	0	20.66	<=50	Pass
			2	20.67	<=50	Pass
			3	20.67	<=50	Pass
	819	1	0	19.80	<=50	Pass
			2	21.07	<=50	Pass
			5	20.93	<=50	Pass
		3	0	21.04	<=50	Pass
			2	20.68	<=50	Pass
			3	20.64	<=50	Pass
	823.3	1	0	20.56	<=50	Pass
			2	19.80	<=50	Pass
			5	21.07	<=50	Pass
		3	0	20.93	<=50	Pass
			2	21.04	<=50	Pass
			3	20.68	<=50	Pass
64QAM	814.7	1	0	20.64	<=50	Pass
			2	20.56	<=50	Pass
			5	20.68	<=50	Pass
		3	0	20.56	<=50	Pass
			2	20.64	<=50	Pass
			3	20.76	<=50	Pass
64QAM	814.7	1	0	20.76	<=50	Pass
			2	21.02	<=50	Pass
			5	20.96	<=50	Pass
		3	0	20.66	<=50	Pass
			2	20.69	<=50	Pass
			3	20.76	<=50	Pass
64QAM	814.7	1	0	19.82	<=50	Pass
			2	19.87	<=50	Pass
			5	19.93	<=50	Pass
		3	0	19.91	<=50	Pass
			2	19.81	<=50	Pass
			3	19.80	<=50	Pass
		6	0	19.85	<=50	Pass
			2	18.70	<=50	Pass
			3	18.70	<=50	Pass

	819	1	0	19.92	<=50	Pass
			2	19.91	<=50	Pass
			5	19.85	<=50	Pass
		3	0	19.83	<=50	Pass
			2	19.84	<=50	Pass
			3	19.84	<=50	Pass
			6	18.72	<=50	Pass
	823.3	1	0	19.88	<=50	Pass
			2	19.63	<=50	Pass
			5	19.67	<=50	Pass
		3	0	19.79	<=50	Pass
			2	19.79	<=50	Pass
			3	19.82	<=50	Pass
		6	0	18.56	<=50	Pass
256QAM	814.7	1	0	16.79	<=50	Pass
			2	16.76	<=50	Pass
			5	16.83	<=50	Pass
		3	0	16.78	<=50	Pass
			2	16.78	<=50	Pass
			3	16.80	<=50	Pass
			6	16.58	<=50	Pass
	819	1	0	16.82	<=50	Pass
			2	16.85	<=50	Pass
			5	16.83	<=50	Pass
		3	0	16.75	<=50	Pass
			2	16.82	<=50	Pass
			3	16.73	<=50	Pass
			6	16.69	<=50	Pass
	823.3	1	0	16.73	<=50	Pass
			2	16.84	<=50	Pass
			5	16.74	<=50	Pass
		3	0	16.76	<=50	Pass
			2	16.79	<=50	Pass
			3	16.79	<=50	Pass
			6	16.69	<=50	Pass

1.1.2 B26a_3MHz_ERP

Band: 26a / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	1	0	21.58	<=50	Pass
			7	21.62	<=50	Pass
			14	21.63	<=50	Pass
		8	0	20.74	<=50	Pass
			4	20.73	<=50	Pass
	819	1	7	20.74	<=50	Pass
			15	20.78	<=50	Pass
			0	21.62	<=50	Pass
		8	7	21.64	<=50	Pass
			14	21.52	<=50	Pass
	822.5	8	0	20.74	<=50	Pass
			4	20.77	<=50	Pass
			7	20.76	<=50	Pass
		15	0	20.77	<=50	Pass
			0	21.64	<=50	Pass
		1	7	21.64	<=50	Pass

			14	21.58	<=50	Pass
16QAM	815.5	8	0	20.75	<=50	Pass
			4	20.72	<=50	Pass
			7	20.76	<=50	Pass
			15	20.73	<=50	Pass
			0	21.00	<=50	Pass
16QAM	815.5	1	7	20.77	<=50	Pass
			14	20.78	<=50	Pass
			0	19.72	<=50	Pass
	8	4	19.83	<=50	Pass	
		7	19.77	<=50	Pass	
	819	15	0	19.75	<=50	Pass
		0	20.94	<=50	Pass	
	819	1	7	20.96	<=50	Pass
		14	20.79	<=50	Pass	
		0	19.79	<=50	Pass	
64QAM	822.5	8	4	19.60	<=50	Pass
			7	19.78	<=50	Pass
			15	0	19.74	<=50
	822.5	1	0	20.94	<=50	Pass
			7	20.95	<=50	Pass
			14	20.88	<=50	Pass
	819	8	0	19.79	<=50	Pass
			4	19.80	<=50	Pass
			7	19.74	<=50	Pass
	815.5	15	0	19.44	<=50	Pass
			0	19.95	<=50	Pass
			7	19.74	<=50	Pass
256QAM	815.5	1	14	19.90	<=50	Pass
			0	18.79	<=50	Pass
			8	18.76	<=50	Pass
	819	8	7	18.77	<=50	Pass
			15	0	18.69	<=50
	819	1	0	19.87	<=50	Pass
			7	19.62	<=50	Pass
			14	19.56	<=50	Pass
	822.5	8	0	18.82	<=50	Pass
			4	18.79	<=50	Pass
			7	18.78	<=50	Pass
	822.5	15	0	18.71	<=50	Pass
			0	19.36	<=50	Pass
			7	19.83	<=50	Pass
256QAM	815.5	1	14	19.82	<=50	Pass
			0	18.78	<=50	Pass
			8	18.79	<=50	Pass
	819	8	7	18.79	<=50	Pass
			15	0	18.73	<=50
	815.5	1	0	16.79	<=50	Pass
			7	16.74	<=50	Pass
			14	16.75	<=50	Pass
	819	8	0	16.71	<=50	Pass
			4	16.70	<=50	Pass
			7	16.74	<=50	Pass
	819	15	0	16.69	<=50	Pass
			0	16.82	<=50	Pass
			7	16.76	<=50	Pass
			14	16.77	<=50	Pass
			0	16.31	<=50	Pass
			4	16.69	<=50	Pass

			7	16.30	<=50	Pass
		15	0	16.72	<=50	Pass
822.5	1	0	16.83	<=50	Pass	
		7	16.79	<=50	Pass	
		14	16.61	<=50	Pass	
		0	16.69	<=50	Pass	
	8	4	16.52	<=50	Pass	
		7	16.65	<=50	Pass	
		15	0	16.69	<=50	Pass

1.1.3 B26a_5MHz_ERP

Band: 26a / Bandwidth: 5MHz / NNTV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	1	0	21.67	<=50	Pass
			13	21.68	<=50	Pass
			24	21.65	<=50	Pass
		12	0	20.78	<=50	Pass
			6	20.76	<=50	Pass
			13	20.79	<=50	Pass
	819	25	0	20.83	<=50	Pass
			0	21.68	<=50	Pass
			13	21.64	<=50	Pass
			24	21.70	<=50	Pass
		12	0	20.78	<=50	Pass
			6	20.80	<=50	Pass
			13	20.72	<=50	Pass
	821.5	25	0	20.81	<=50	Pass
			0	21.68	<=50	Pass
			13	21.60	<=50	Pass
		1	24	21.64	<=50	Pass
			0	20.78	<=50	Pass
			12	20.78	<=50	Pass
16QAM	816.5	12	6	20.78	<=50	Pass
			13	20.73	<=50	Pass
			25	20.81	<=50	Pass
		1	0	21.14	<=50	Pass
			13	20.88	<=50	Pass
			24	20.97	<=50	Pass
	819	25	0	19.78	<=50	Pass
			6	19.79	<=50	Pass
			13	19.77	<=50	Pass
		12	0	19.80	<=50	Pass
			6	20.93	<=50	Pass
			13	21.15	<=50	Pass
	821.5	1	24	21.03	<=50	Pass
			0	19.80	<=50	Pass
			6	19.83	<=50	Pass
		25	13	19.73	<=50	Pass
			0	19.78	<=50	Pass
			12	21.14	<=50	Pass
		1	13	21.15	<=50	Pass
			24	21.10	<=50	Pass
			0	19.76	<=50	Pass
		12	6	19.79	<=50	Pass
			13	19.75	<=50	Pass
			25	19.81	<=50	Pass

64QAM	816.5	1	0	19.88	<=50	Pass
			13	19.87	<=50	Pass
			24	19.99	<=50	Pass
		12	0	18.80	<=50	Pass
			6	18.78	<=50	Pass
			13	18.82	<=50	Pass
			25	18.76	<=50	Pass
	819	1	0	19.50	<=50	Pass
			13	19.94	<=50	Pass
			24	19.91	<=50	Pass
		12	0	18.82	<=50	Pass
			6	18.81	<=50	Pass
			13	18.79	<=50	Pass
			25	18.76	<=50	Pass
	821.5	1	0	19.36	<=50	Pass
			13	19.82	<=50	Pass
			24	19.89	<=50	Pass
		12	0	18.82	<=50	Pass
			6	18.77	<=50	Pass
			13	18.80	<=50	Pass
			25	18.77	<=50	Pass
256QAM	816.5	1	0	16.85	<=50	Pass
			13	16.78	<=50	Pass
			24	16.83	<=50	Pass
		12	0	16.78	<=50	Pass
			6	16.66	<=50	Pass
			13	16.74	<=50	Pass
			25	16.73	<=50	Pass
	819	1	0	16.84	<=50	Pass
			13	16.83	<=50	Pass
			24	16.79	<=50	Pass
		12	0	16.75	<=50	Pass
			6	16.56	<=50	Pass
			13	16.68	<=50	Pass
			25	16.69	<=50	Pass
	821.5	1	0	16.83	<=50	Pass
			13	16.73	<=50	Pass
			24	16.81	<=50	Pass
		12	0	16.77	<=50	Pass
			6	16.67	<=50	Pass
			13	16.60	<=50	Pass
			25	16.76	<=50	Pass

1.1.4 B26a_10MHz_ERP

Band: 26a / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	1	0	21.67	<=50	Pass
			25	21.57	<=50	Pass
			49	21.55	<=50	Pass
	25	25	0	20.75	<=50	Pass
			13	20.80	<=50	Pass
			25	20.72	<=50	Pass
16QAM	819	50	0	20.77	<=50	Pass
16QAM	819	1	0	20.53	<=50	Pass
			25	20.91	<=50	Pass

			49	21.04	<=50	Pass
64QAM	819	25	0	19.64	<=50	Pass
			13	19.77	<=50	Pass
			25	19.56	<=50	Pass
			50	0	19.76	<=50
		1	0	19.80	<=50	Pass
			25	19.71	<=50	Pass
			49	19.86	<=50	Pass
		25	0	18.75	<=50	Pass
			13	18.76	<=50	Pass
			25	18.65	<=50	Pass
			50	0	18.73	<=50
256QAM	819	1	0	16.74	<=50	Pass
			25	16.73	<=50	Pass
			49	16.80	<=50	Pass
		25	0	16.72	<=50	Pass
			13	16.72	<=50	Pass
			25	16.67	<=50	Pass
			50	0	16.69	<=50

2. Frequency Stability

2.1 Test Result

2.1.1 B26a_10MHz

Modulation	Frequency (MHz)	Band: 26a / Bandwidth: 10MHz						Verdict		
		RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)			
		Size	Offset				Result	Limit		
QPSK	819	50	0	20	3.4	-5.300	-0.0065	-2.5 to 2.5	Pass	
					3.8	-6.400	-0.0078	-2.5 to 2.5	Pass	
					4.45	-3.100	-0.0038	-2.5 to 2.5	Pass	
					-30	3.8	-0.300	-0.0004	-2.5 to 2.5	Pass
					-20	3.8	-6.100	-0.0074	-2.5 to 2.5	Pass
					-10	3.8	-3.200	-0.0039	-2.5 to 2.5	Pass
					0	3.8	-3.800	-0.0046	-2.5 to 2.5	Pass
					10	3.8	-3.000	-0.0037	-2.5 to 2.5	Pass
					30	3.8	-3.700	-0.0045	-2.5 to 2.5	Pass
					40	3.8	-6.800	-0.0083	-2.5 to 2.5	Pass
					50	3.8	-1.500	-0.0018	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band26a_OBW

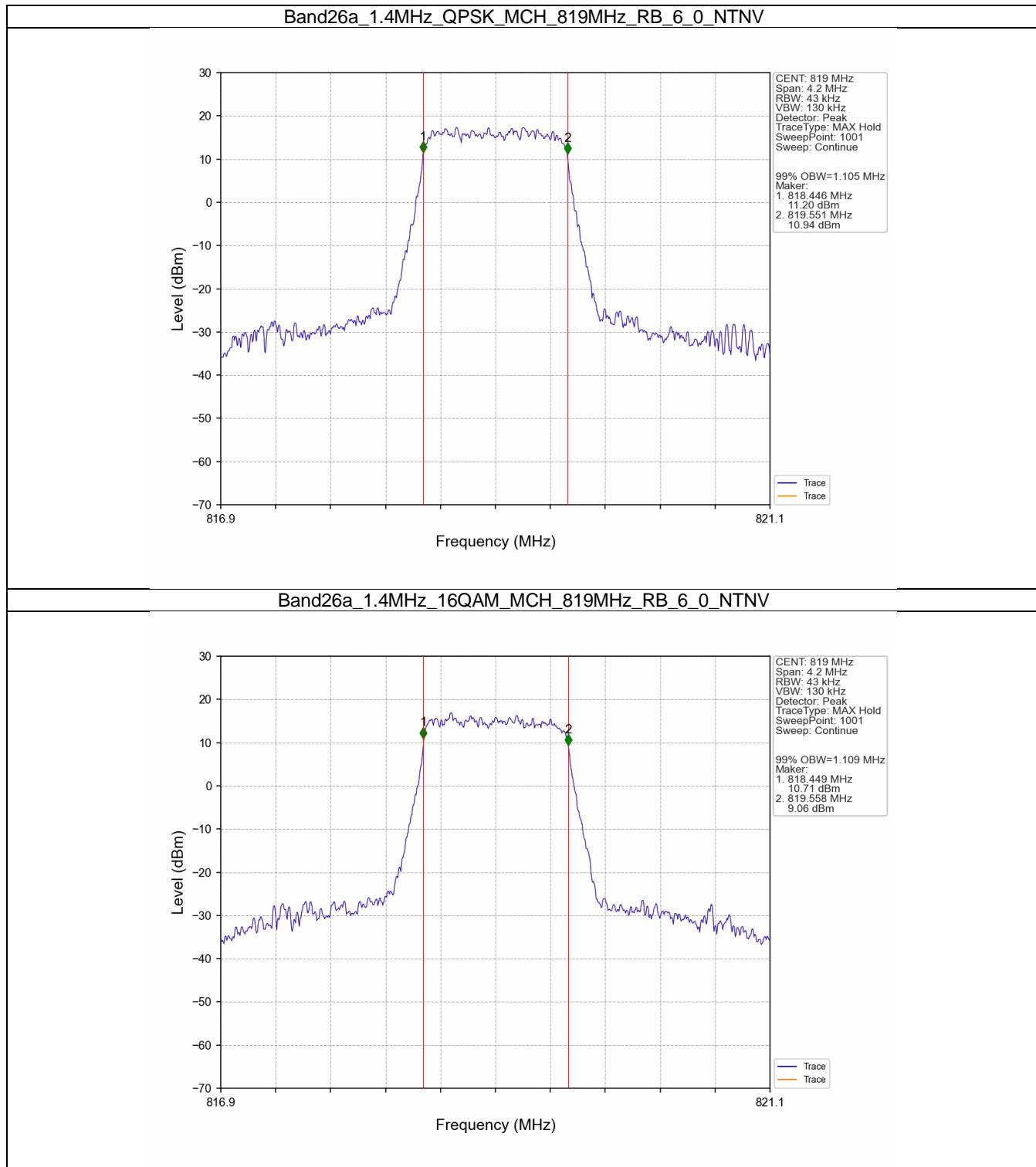
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	819	6	0	1.105	/	Pass
	16QAM	819	6	0	1.109	/	Pass
3	QPSK	819	15	0	2.721	/	Pass
	16QAM	819	15	0	2.725	/	Pass
5	QPSK	819	25	0	4.524	/	Pass
	16QAM	819	25	0	4.531	/	Pass
10	QPSK	819	50	0	9.083	/	Pass
	16QAM	819	50	0	9.011	/	Pass

3.1.2 Band26a_XDB

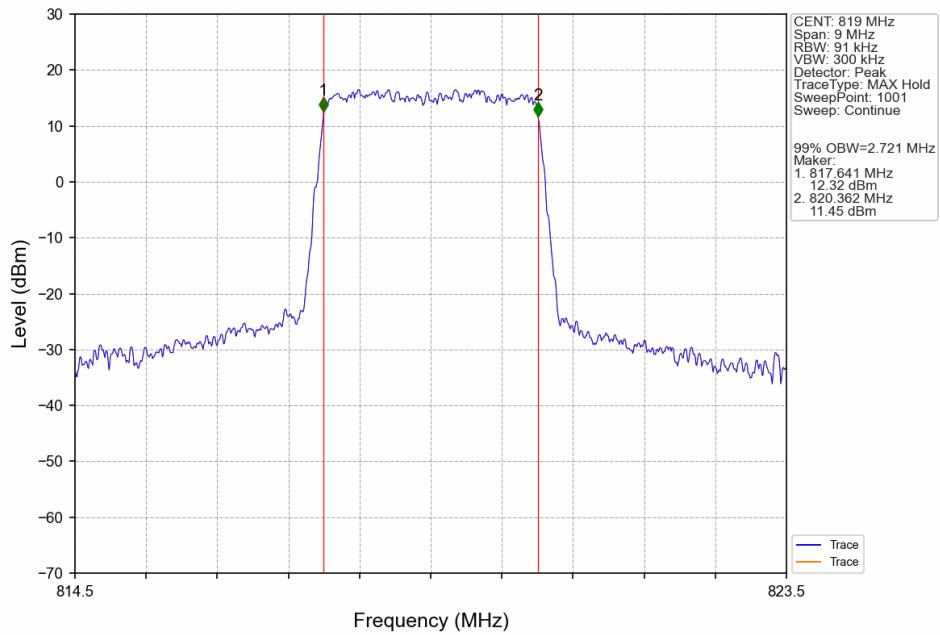
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	819	6	0	1.309	/	Pass
	16QAM	819	6	0	1.324	/	Pass
3	QPSK	819	15	0	3.013	/	Pass
	16QAM	819	15	0	3.019	/	Pass
5	QPSK	819	25	0	5.062	/	Pass
	16QAM	819	25	0	5.003	/	Pass
10	QPSK	819	50	0	9.851	/	Pass
	16QAM	819	50	0	9.876	/	Pass

3.2 Test Graph

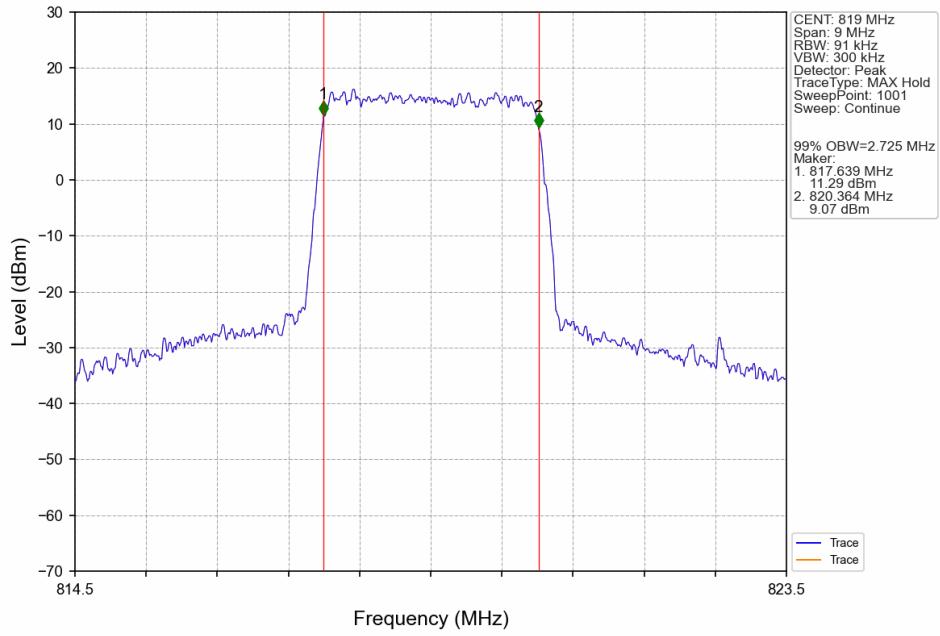
3.2.1 Band26a_OBW



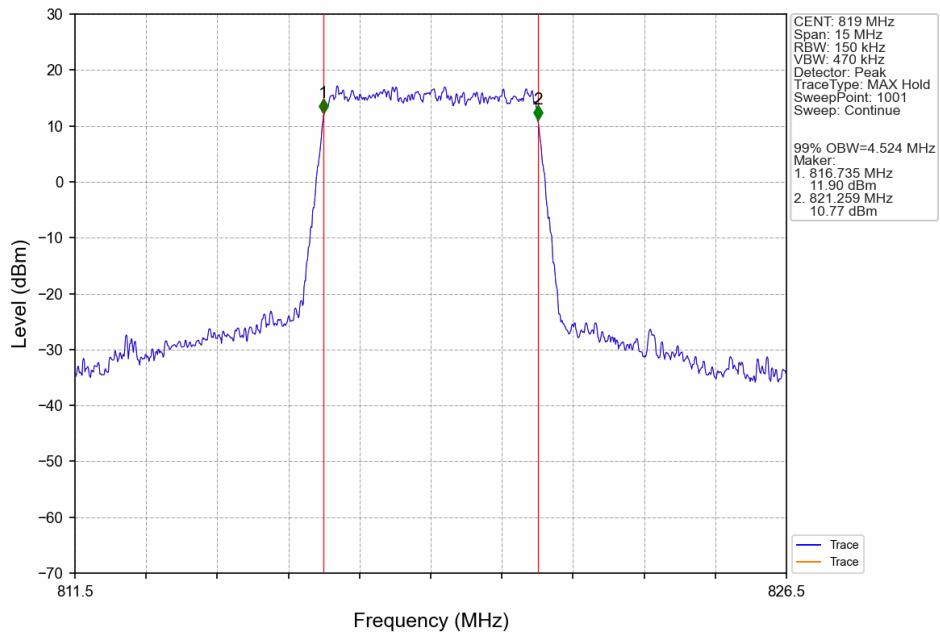
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



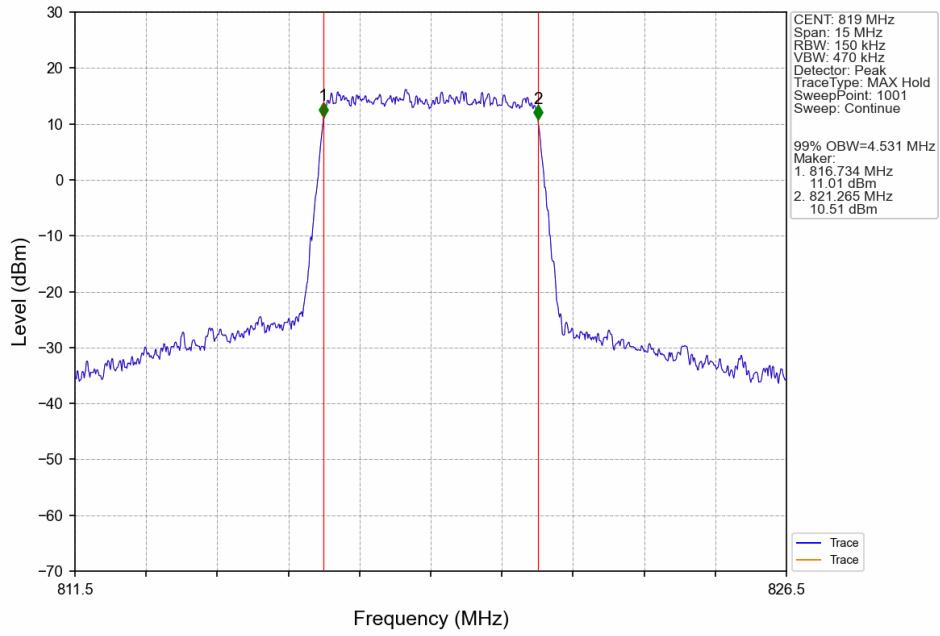
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



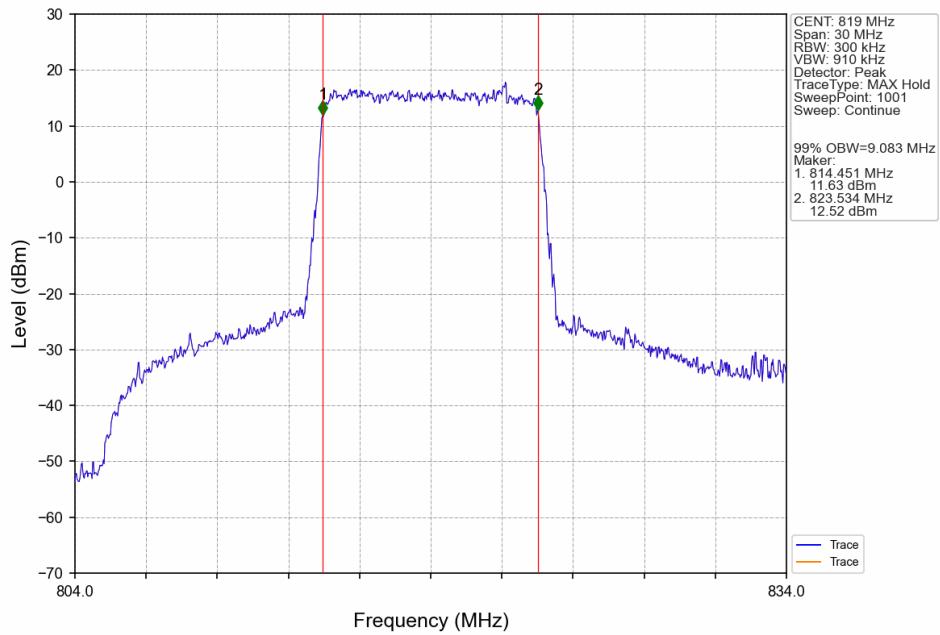
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



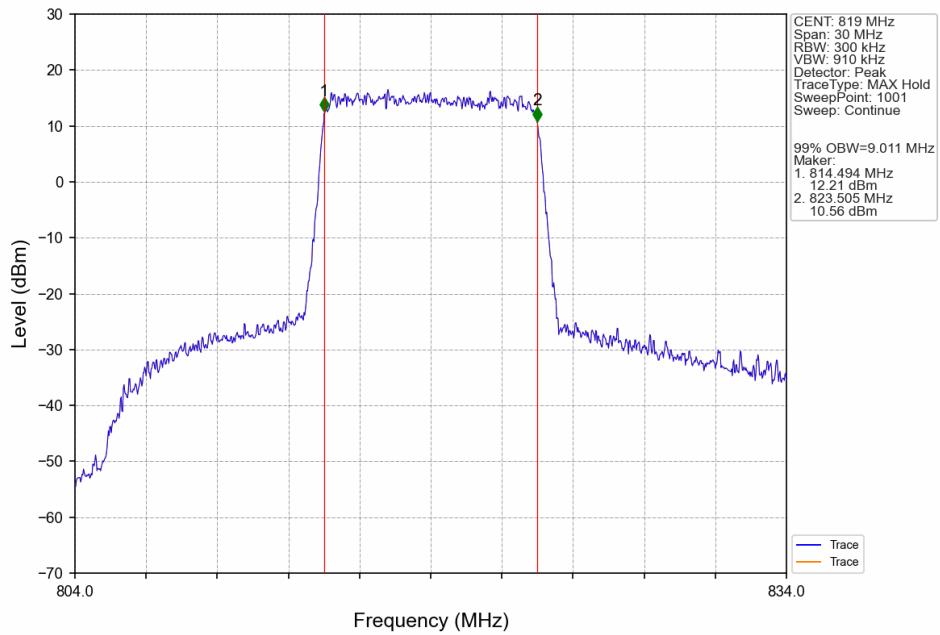
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



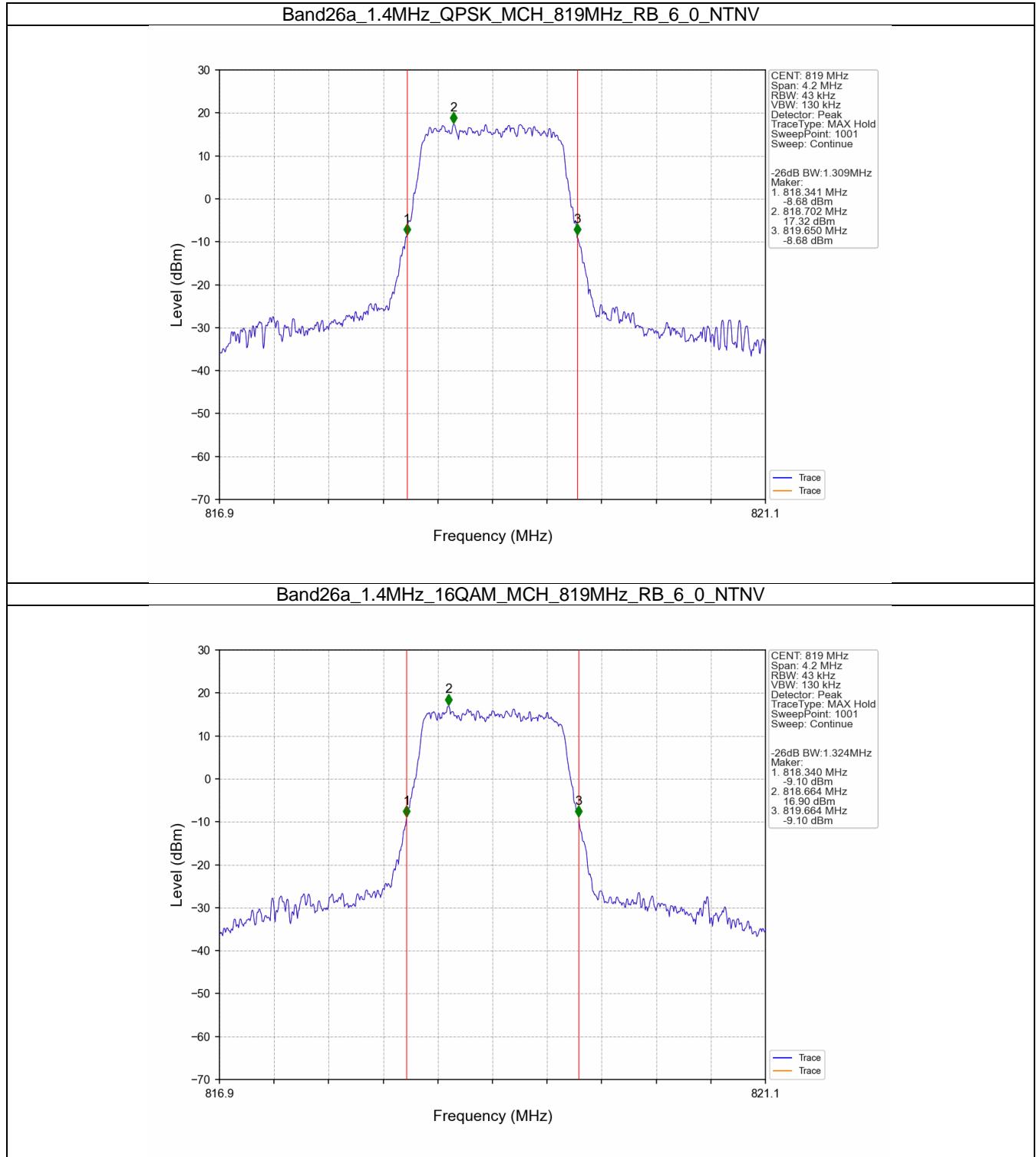
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



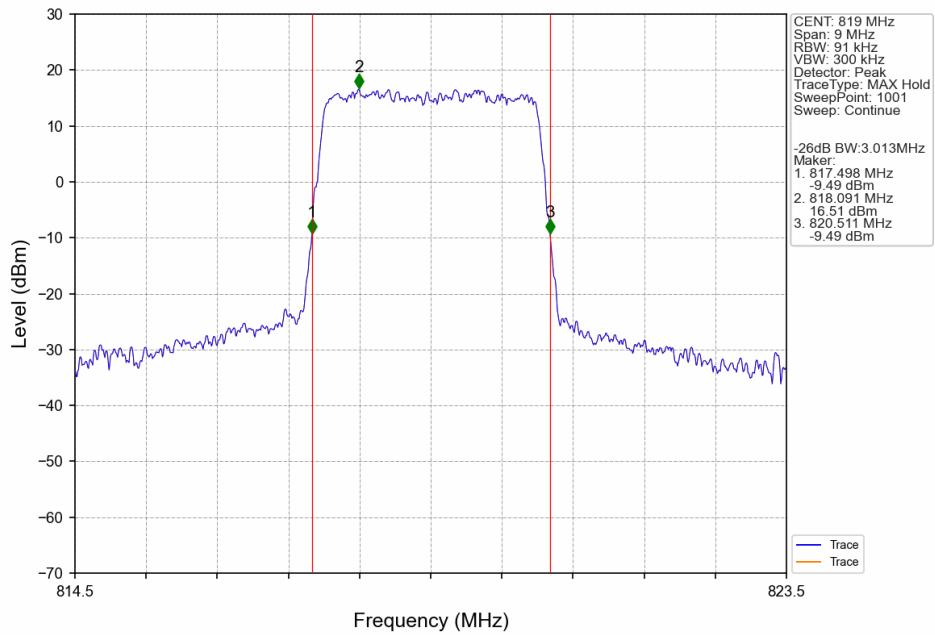
Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



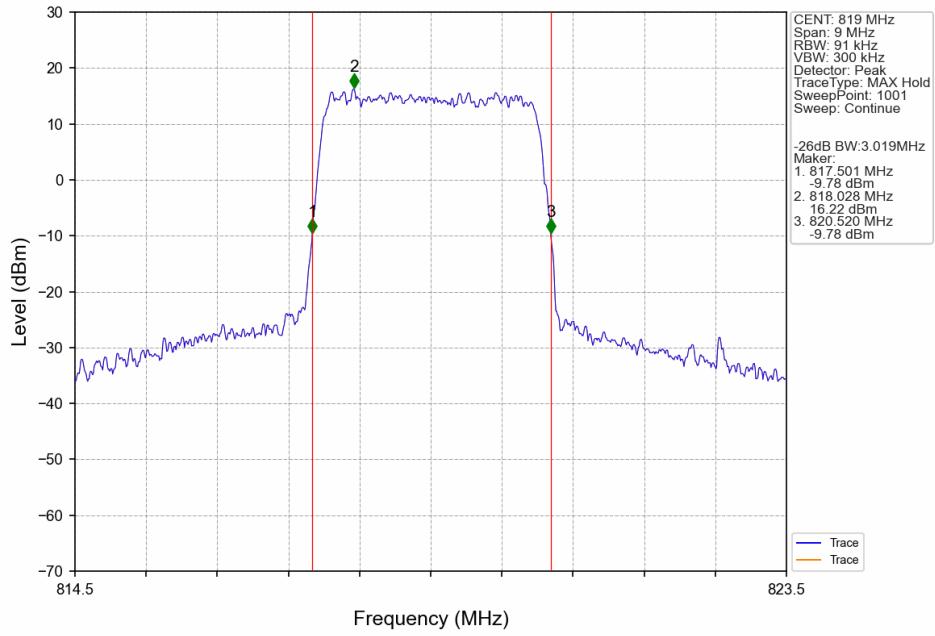
3.2.2 Band26a_XDB



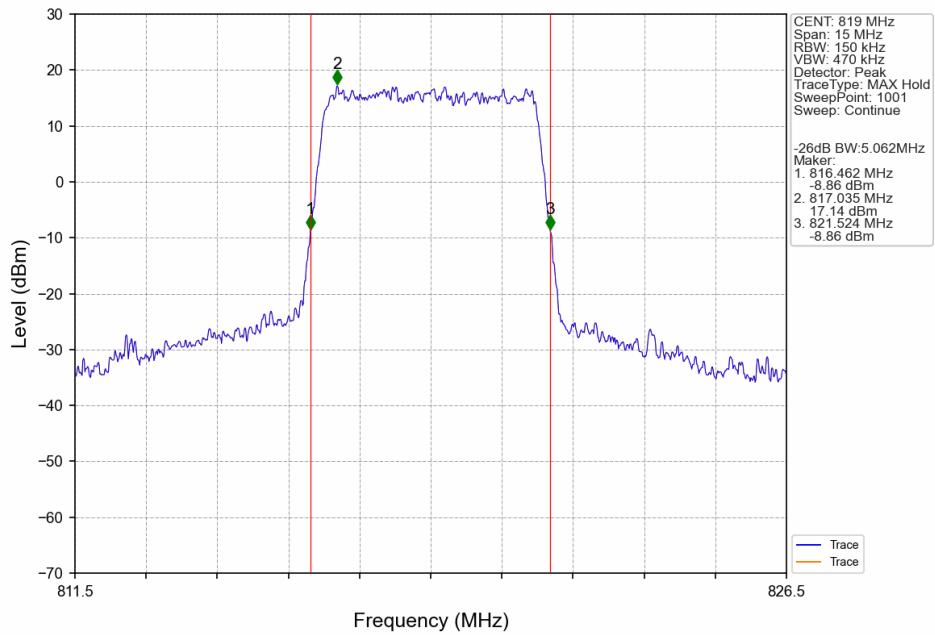
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



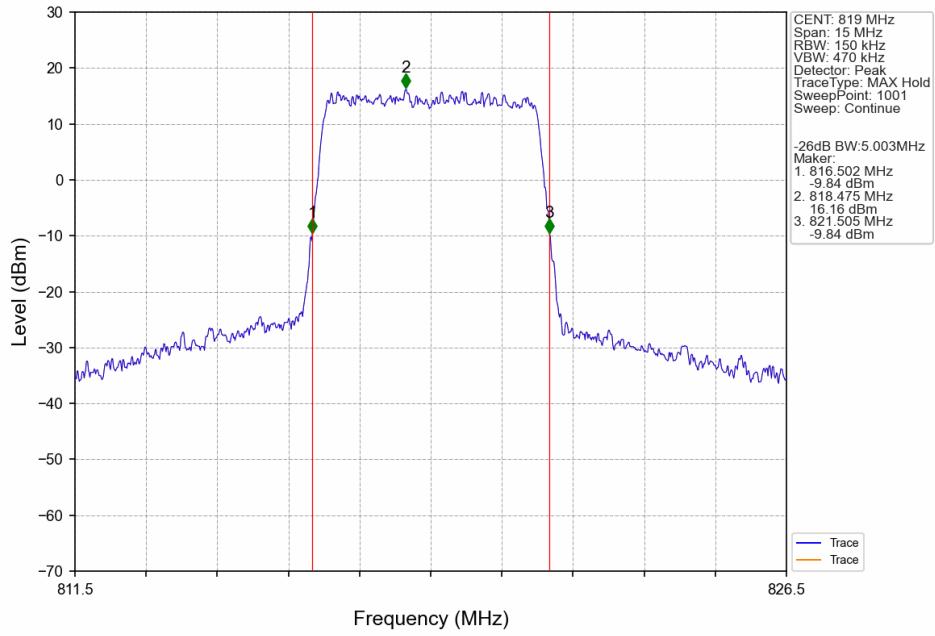
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



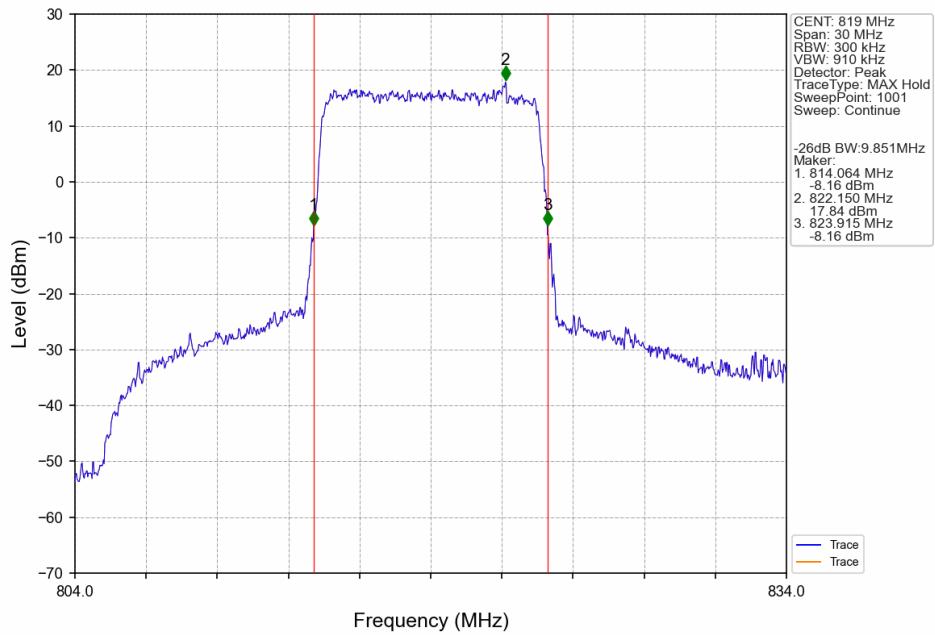
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



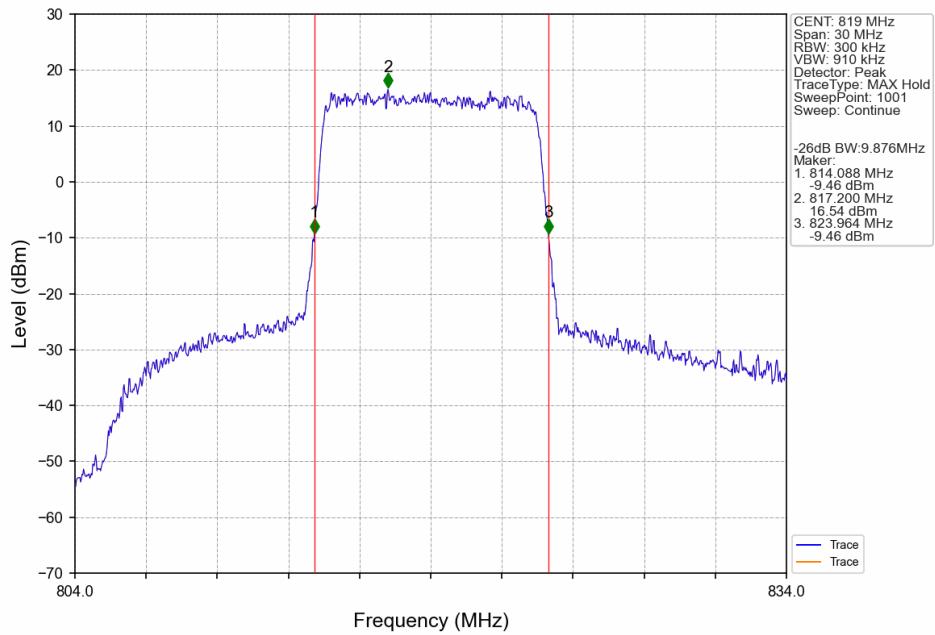
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



4. Peak-Average Ratio

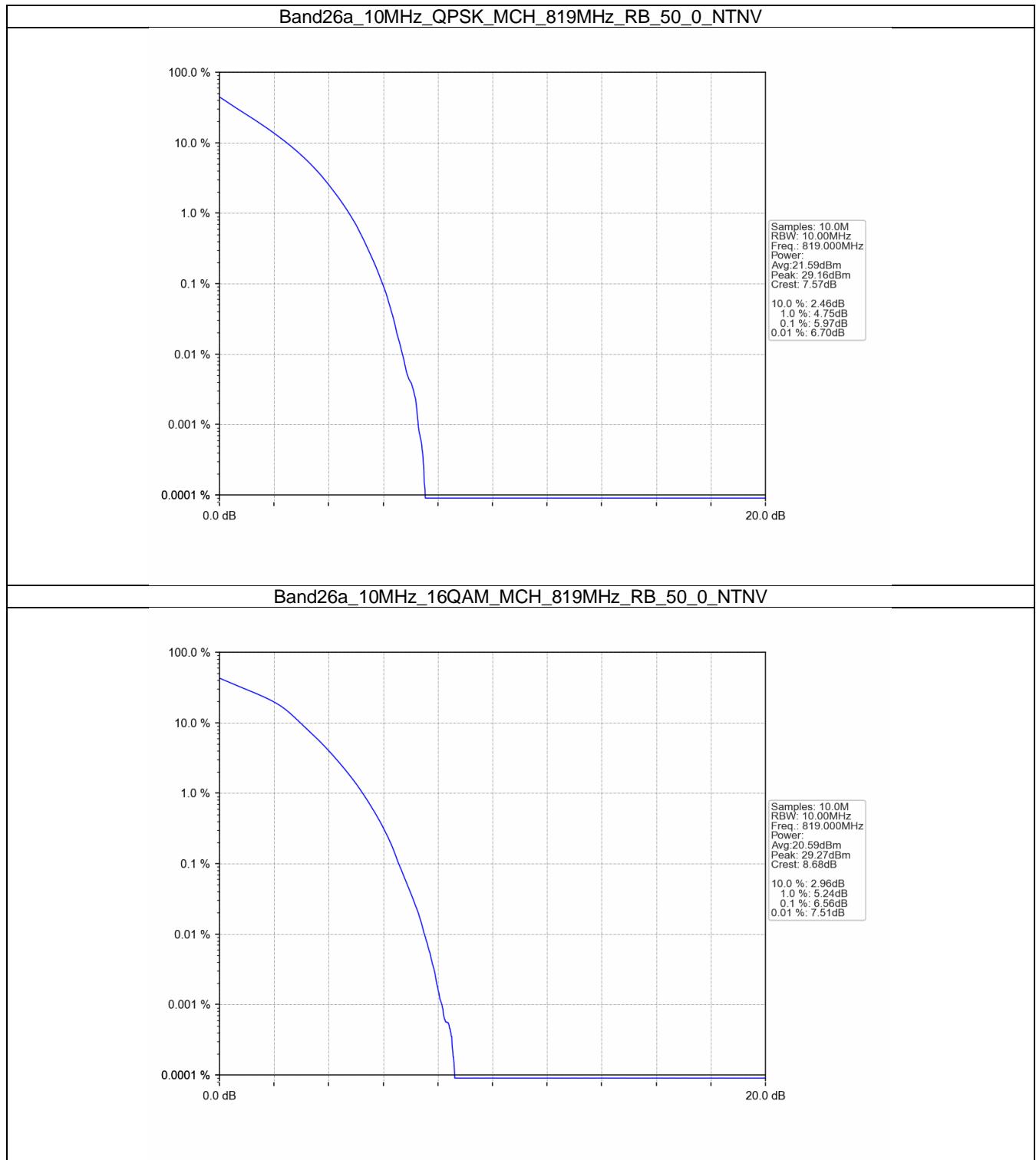
4.1 Test Result

4.1.1 B26a_10MHz

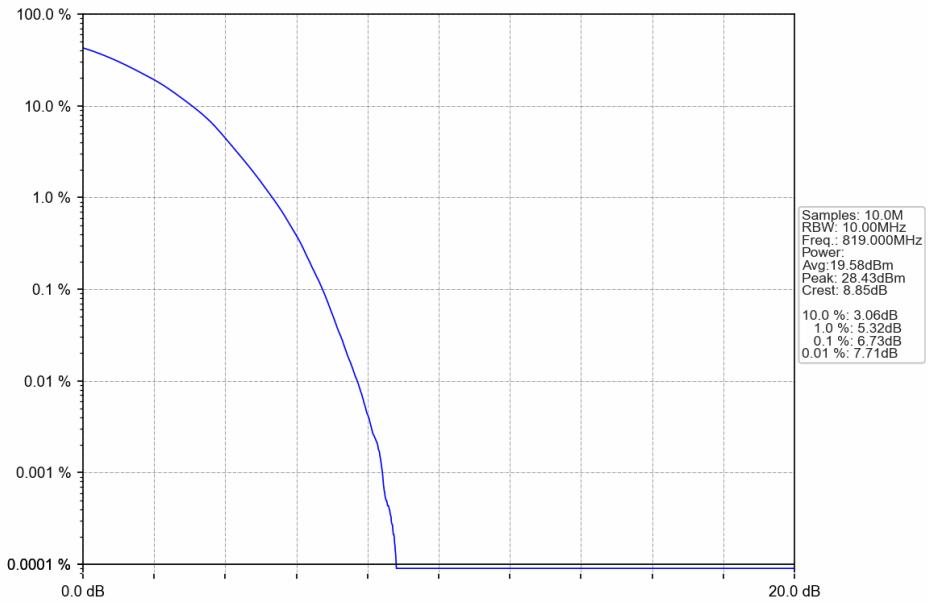
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.97	<=13	Pass
16QAM	819	50	0	6.56	<=13	Pass
64QAM	819	50	0	6.73	<=13	Pass
256QAM	819	50	0	6.70	<=13	Pass

4.2 Test Graph

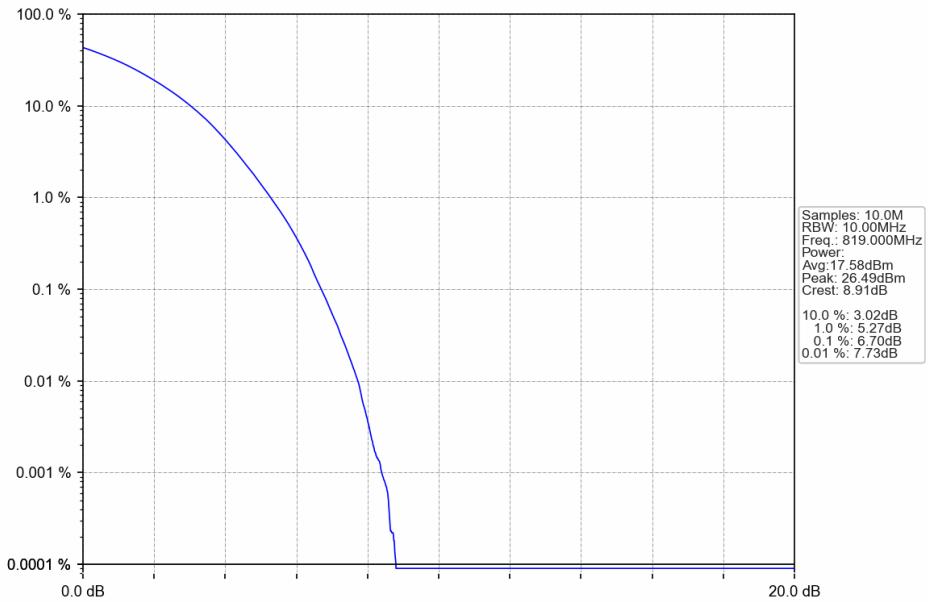
4.2.1 B26a_10MHz



Band26a_10MHz_64QAM_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_256QAM_MCH_819MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B26a_1.4MHz

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	0	Refer To Test Graph		Pass	
	823.3		1	Refer To Test Graph		Pass	
			5	Refer To Test Graph		Pass	
		6	0	Refer To Test Graph		Pass	

5.1.2 B26a_3MHz

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	0	Refer To Test Graph		Pass	
	822.5		1	Refer To Test Graph		Pass	
			14	Refer To Test Graph		Pass	
		15	0	Refer To Test Graph		Pass	

5.1.3 B26a_5MHz

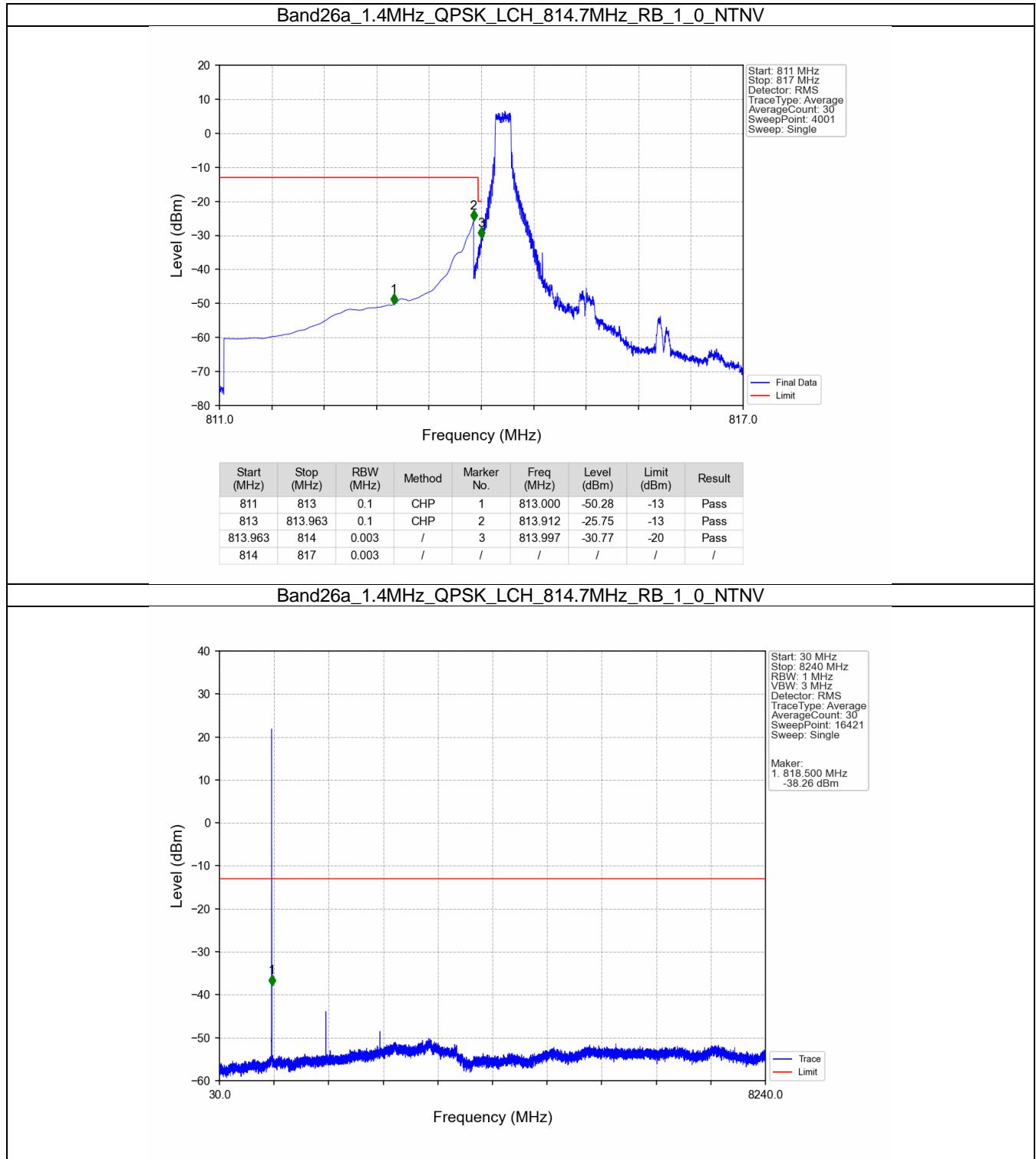
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	816.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	819	1	0	Refer To Test Graph		Pass	
		821.5	0	Refer To Test Graph		Pass	
	821.5		24	Refer To Test Graph		Pass	
			25	Refer To Test Graph		Pass	

5.1.4 B26a_10MHz

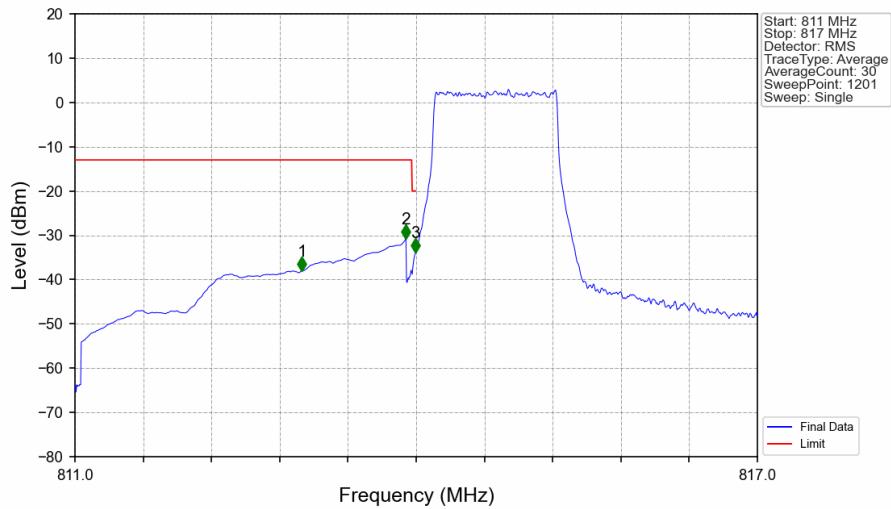
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	819	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	819	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.2 Test Graph

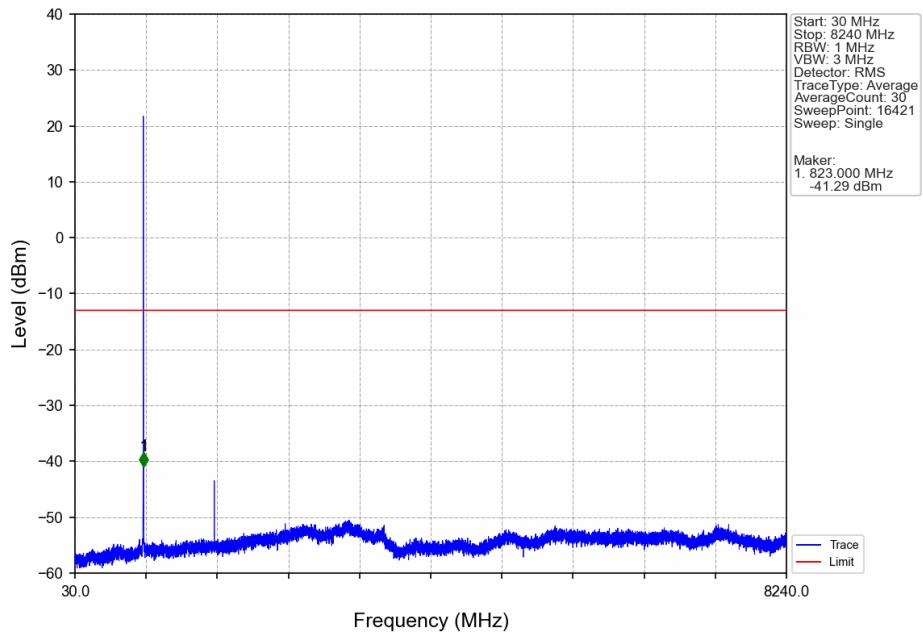
5.2.1 B26a_1.4MHz



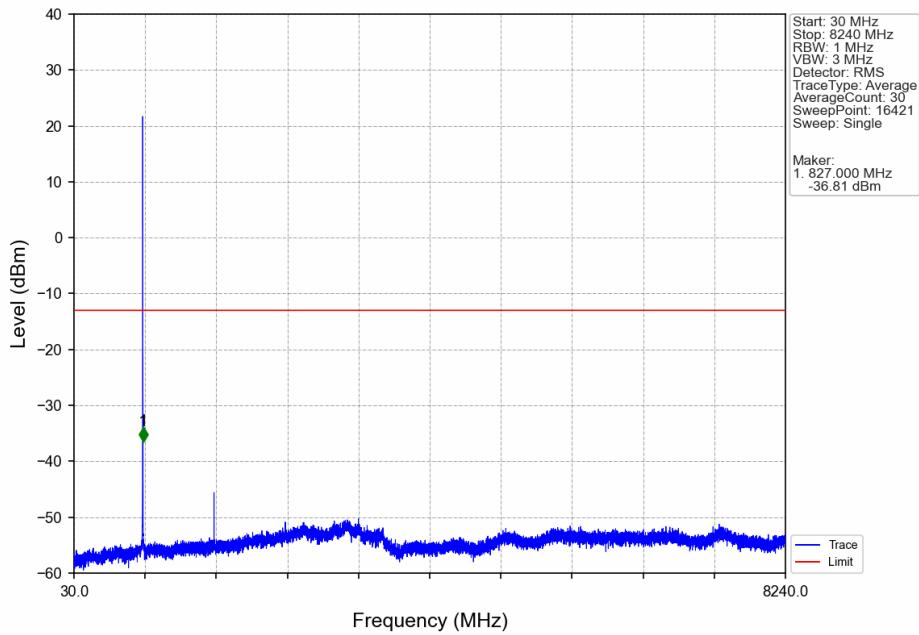
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



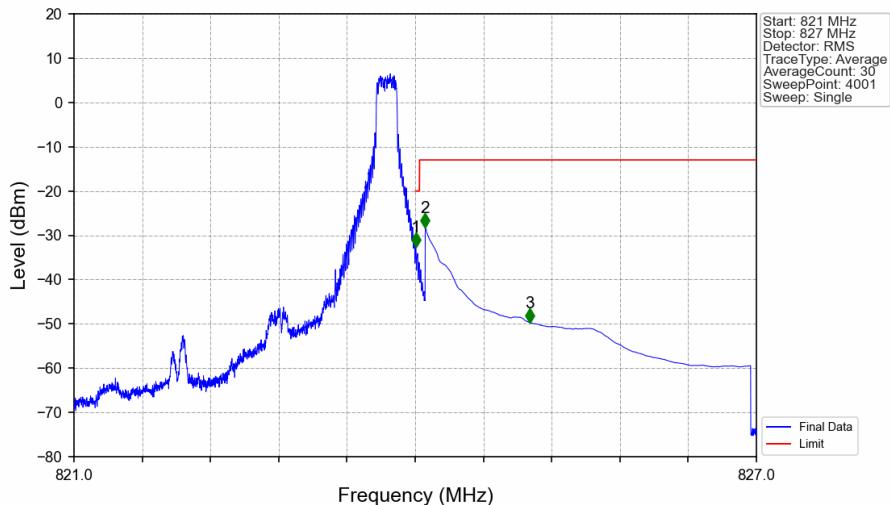
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_0_NTNV

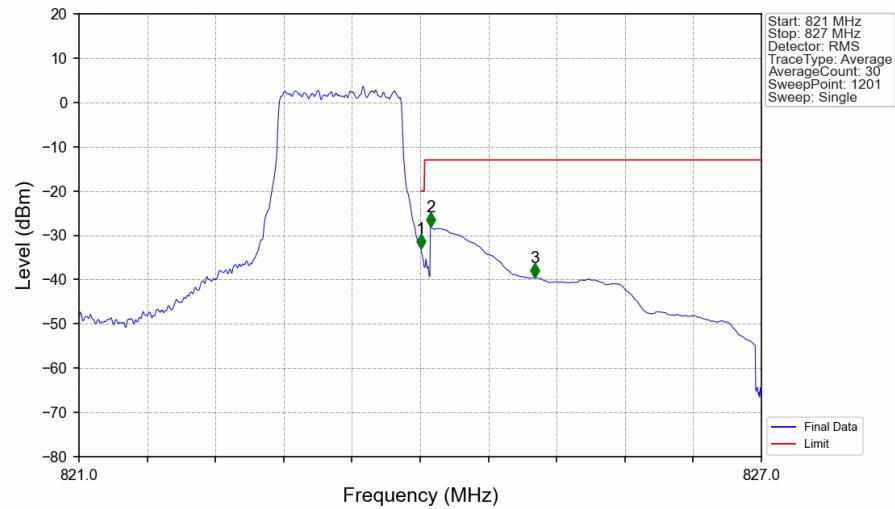


Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_5_NTNV



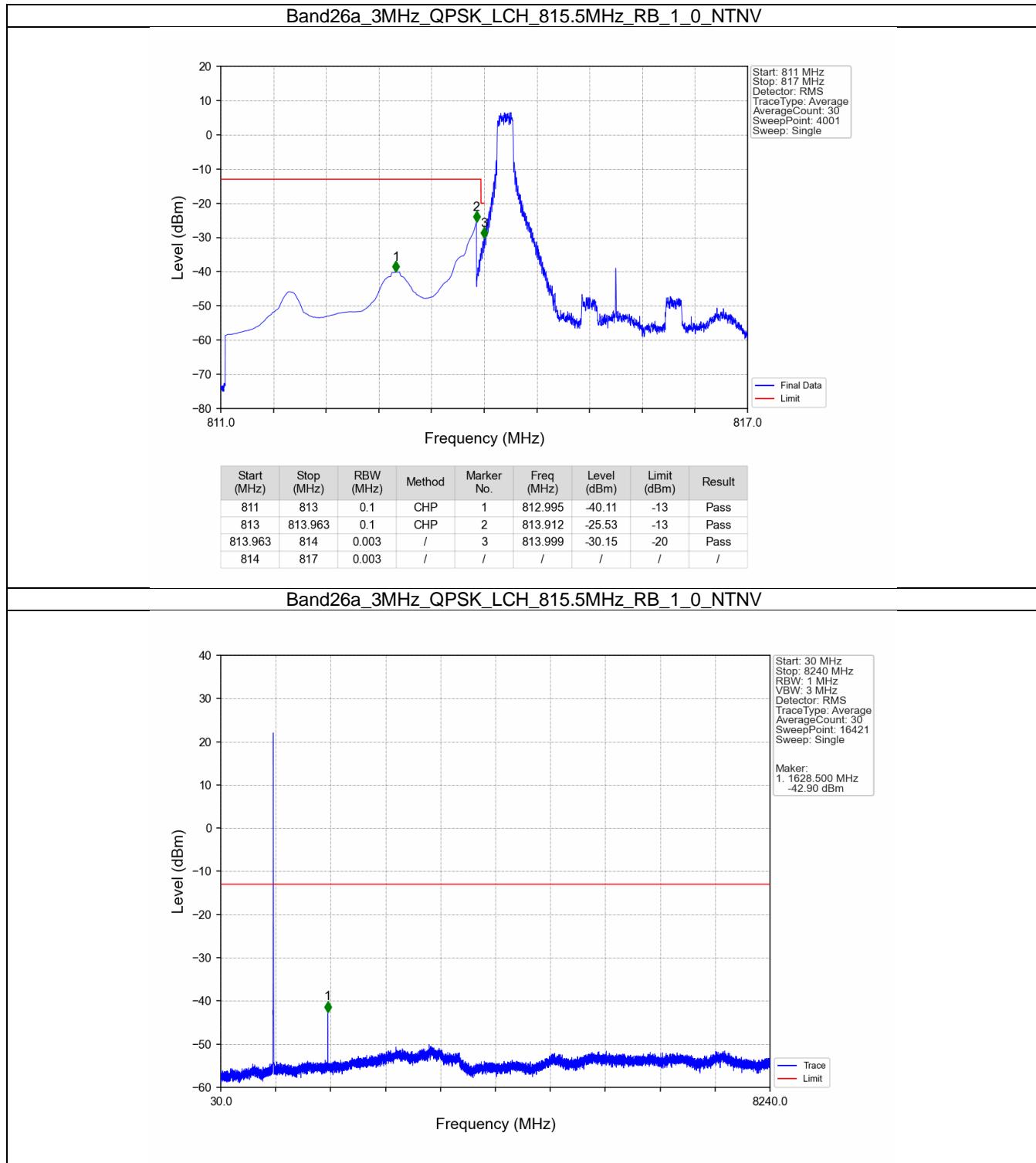
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.005	-32.63	-20	Pass
824.038	825	0.1	CHP	2	824.088	-28.21	-13	Pass
825	827	0.1	CHP	3	825.005	-49.63	-13	Pass

Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV

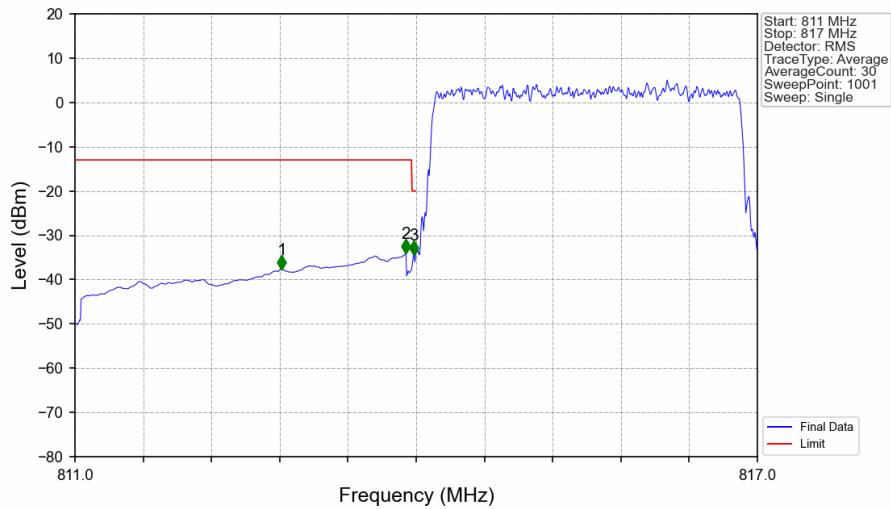


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.013	CHP	/	/	/	/	/
824	824.038	0.013	CHP	1	824.005	-32.88	-20	Pass
824.038	825	0.1	CHP	2	824.090	-28.06	-13	Pass
825	827	0.1	CHP	3	825.010	-39.52	-13	Pass

5.2.2 B26a_3MHz

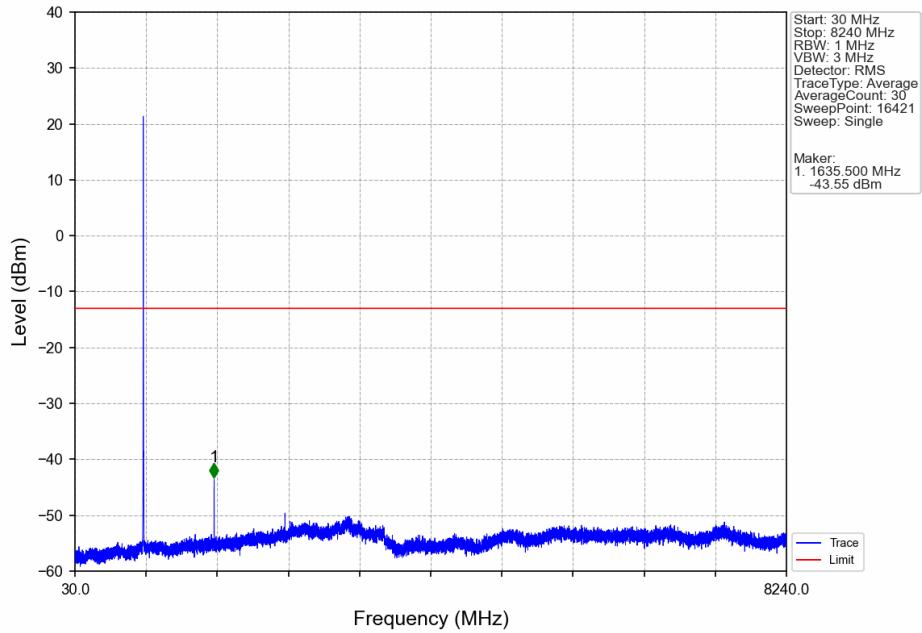


Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV

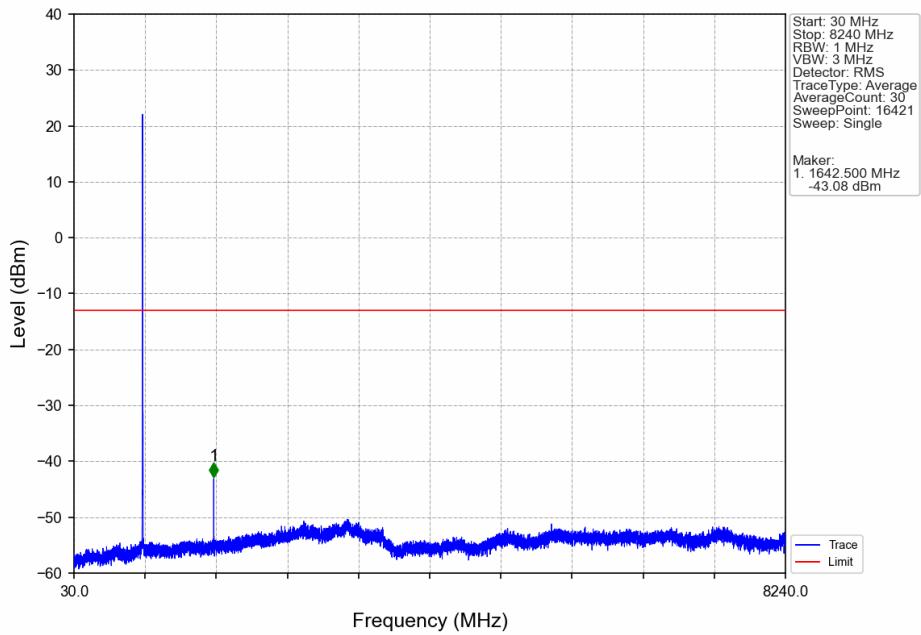


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.818	-37.69	-13	Pass
813	813.963	0.1	CHP	2	813.910	-34.11	-13	Pass
813.963	814	0.03	/	3	813.976	-34.38	-20	Pass
814	817	0.03	/	/	/	/	/	/

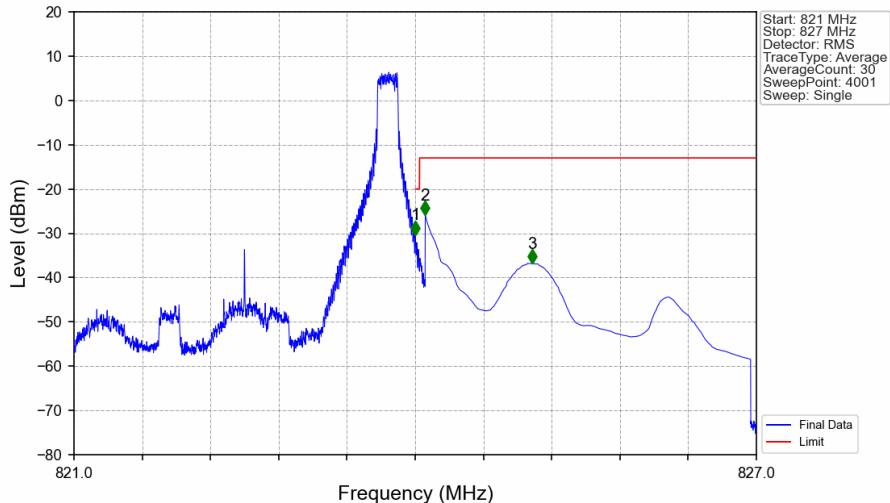
Band26a_3MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_0_NTNV

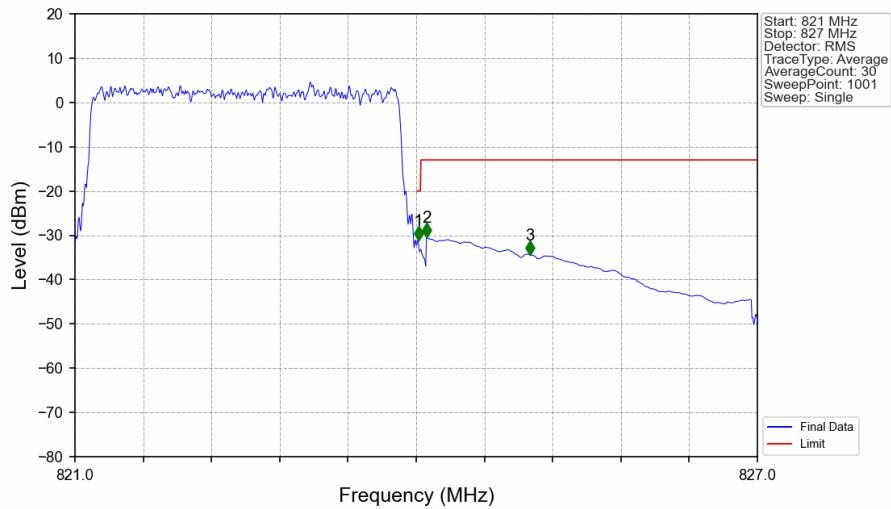


Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_14_NTNV



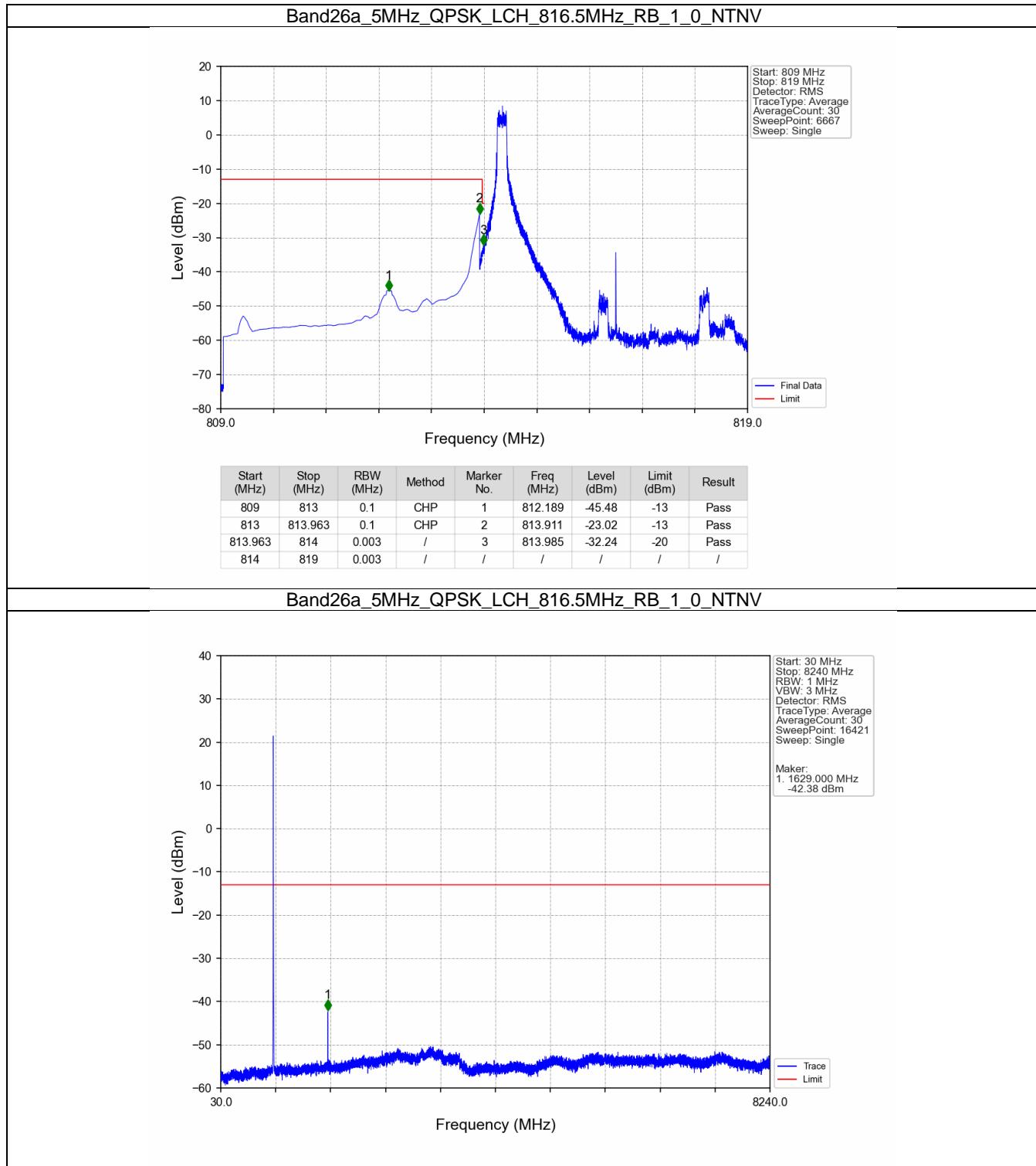
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.001	-30.31	-20	Pass
824.038	825	0.1	CHP	2	824.088	-25.81	-13	Pass
825	827	0.1	CHP	3	825.026	-36.79	-13	Pass

Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV

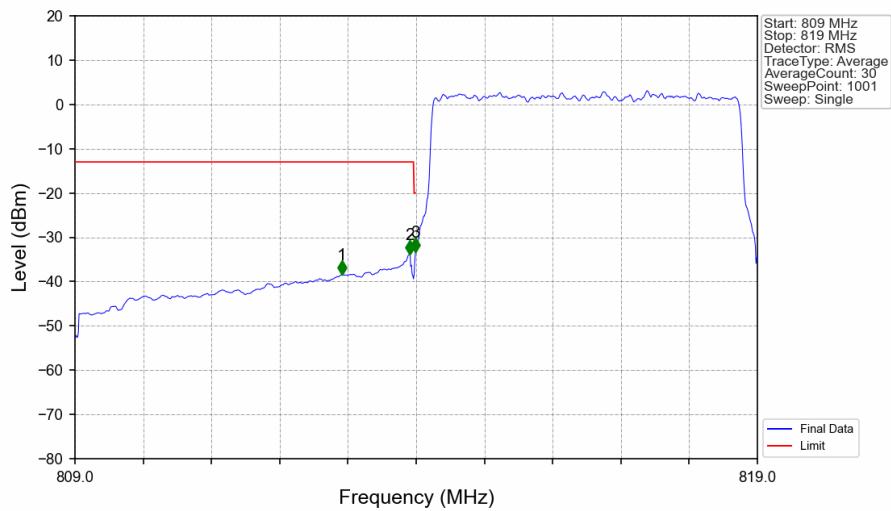


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.03	/	/	/	/	/	/
824	824.038	0.03	/	1	824.018	-31.19	-20	Pass
824.038	825	0.1	CHP	2	824.090	-30.40	-13	Pass
825	827	0.1	CHP	3	825.002	-34.43	-13	Pass

5.2.3 B26a_5MHz

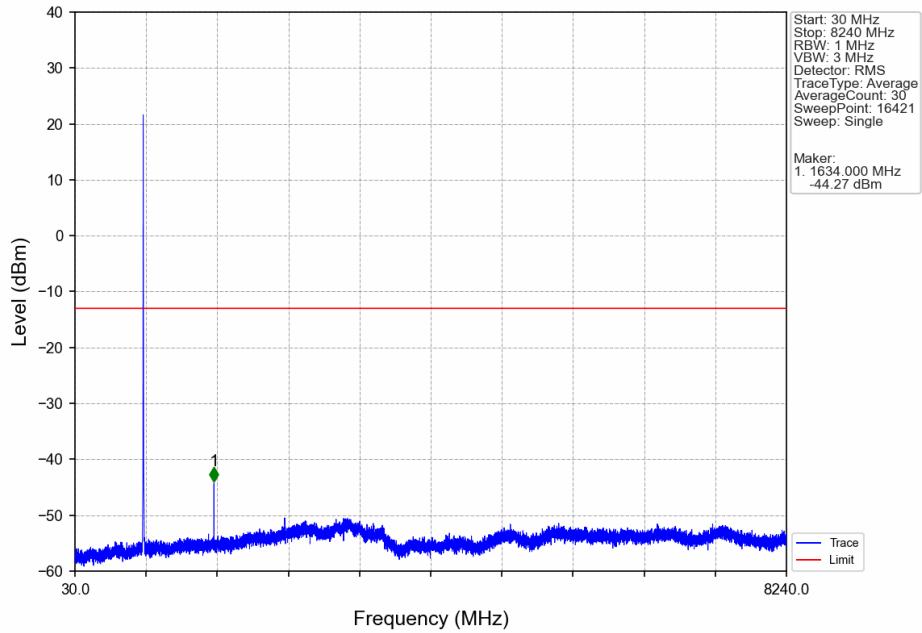


Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV

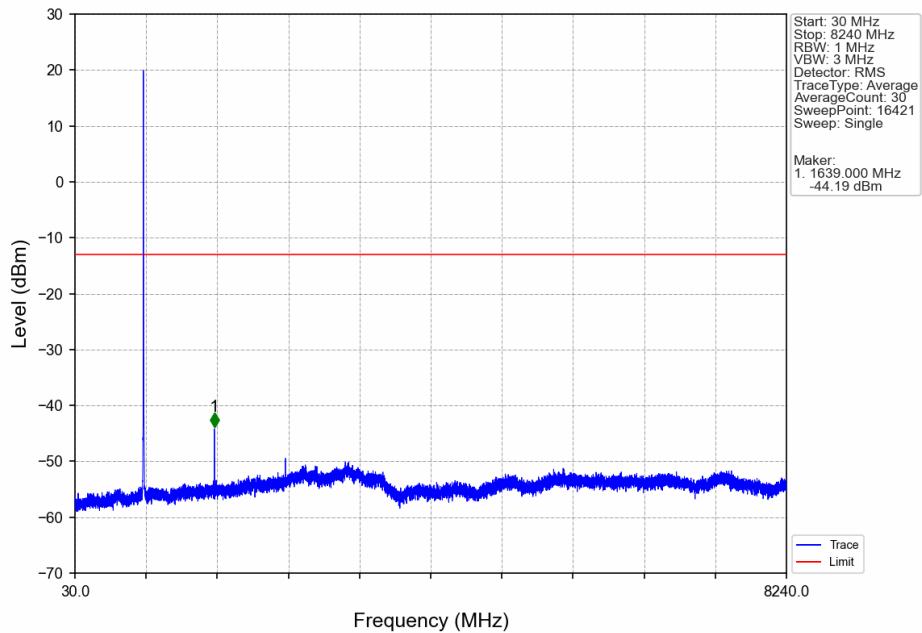


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.910	-38.45	-13	Pass
813	813.963	0.1	CHP	2	813.910	-33.80	-13	Pass
813.963	814	0.051	CHP	3	813.990	-33.24	-20	Pass
814	819	0.051	CHP	/	/	/	/	/

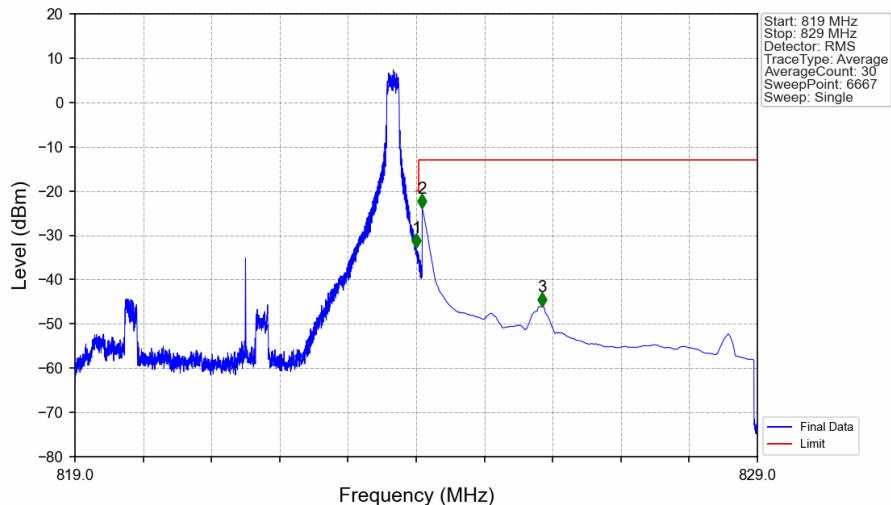
Band26a_5MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_0_NTNV

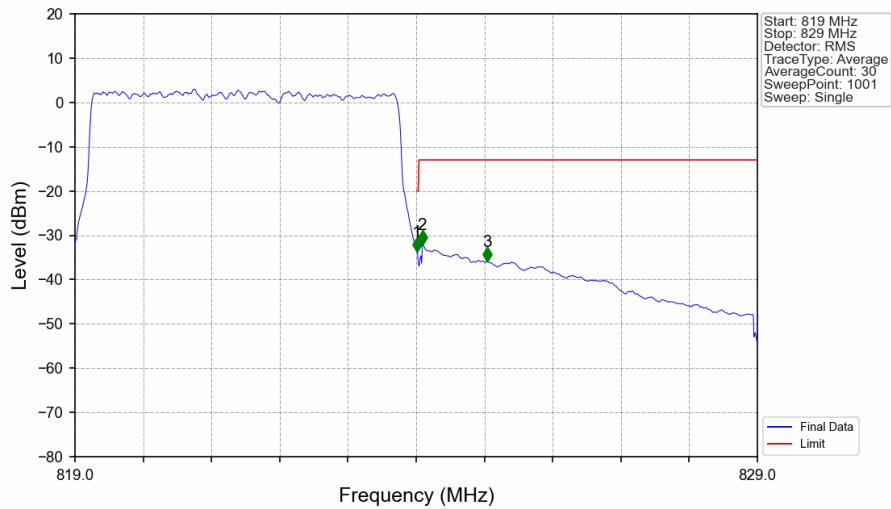


Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_24_NTNV



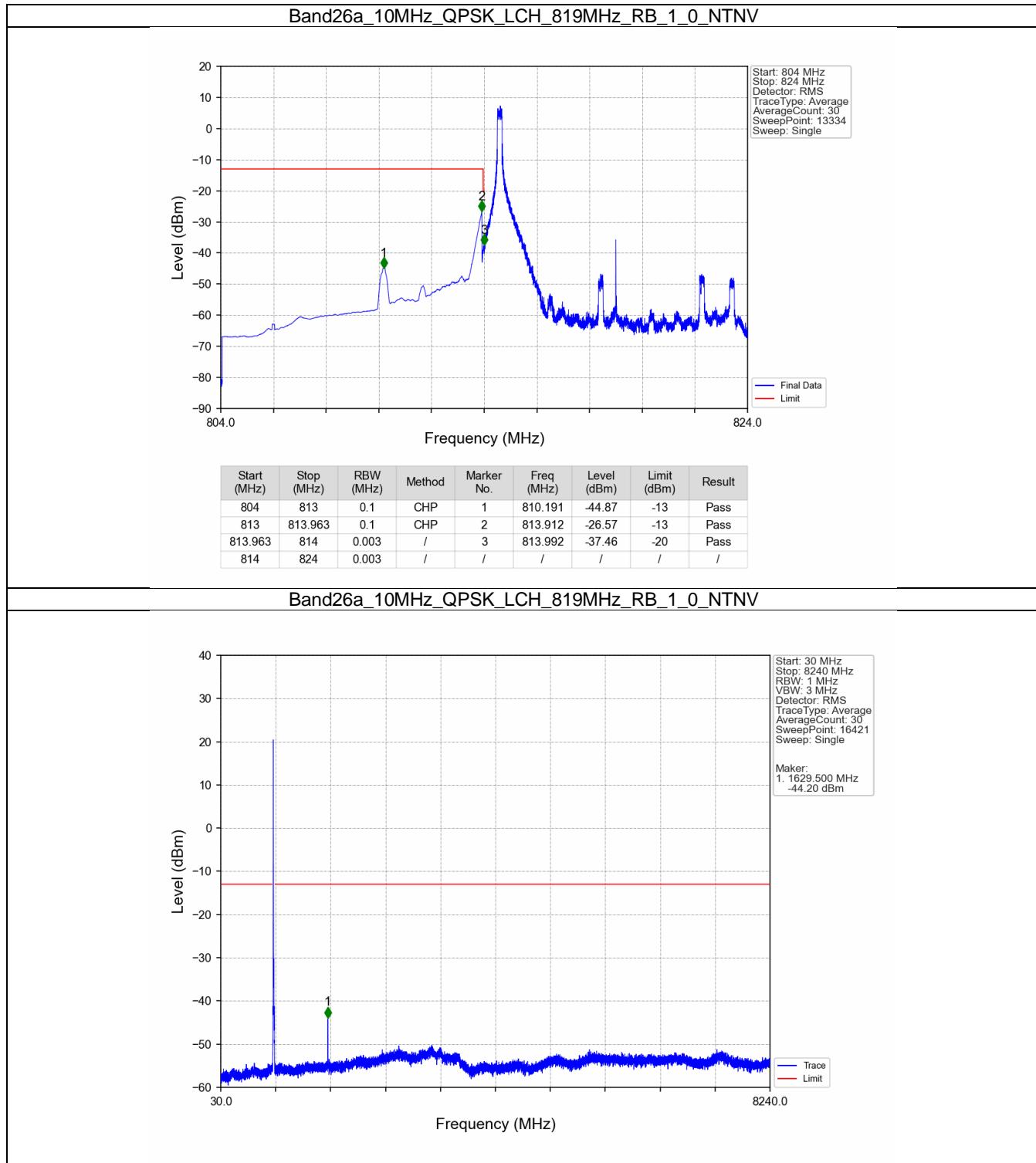
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.001	-32.82	-20	Pass
824.038	825	0.1	CHP	2	824.089	-23.84	-13	Pass
825	829	0.1	CHP	3	825.841	-46.11	-13	Pass

Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV

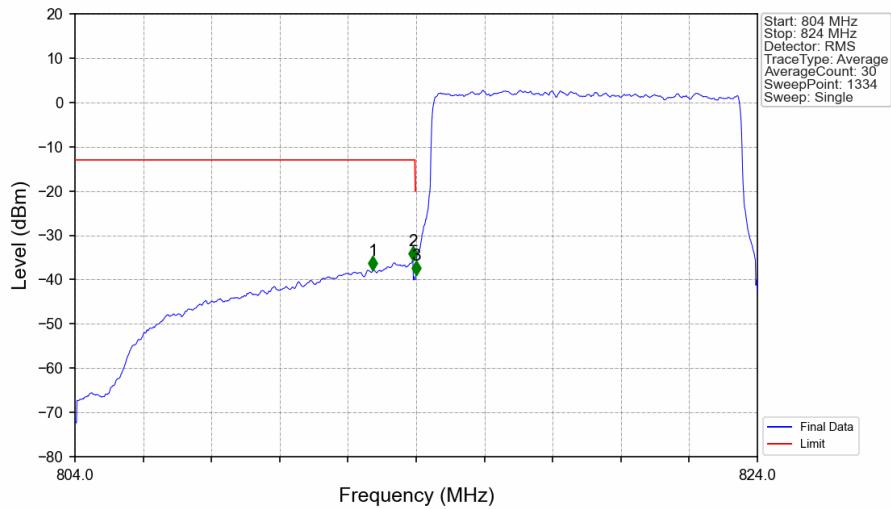


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.05	CHP	/	/	/	/	/
824	824.038	0.05	CHP	1	824.010	-33.76	-20	Pass
824.038	825	0.1	CHP	2	824.090	-32.01	-13	Pass
825	829	0.1	CHP	3	825.040	-35.94	-13	Pass

5.2.4 B26a_10MHz

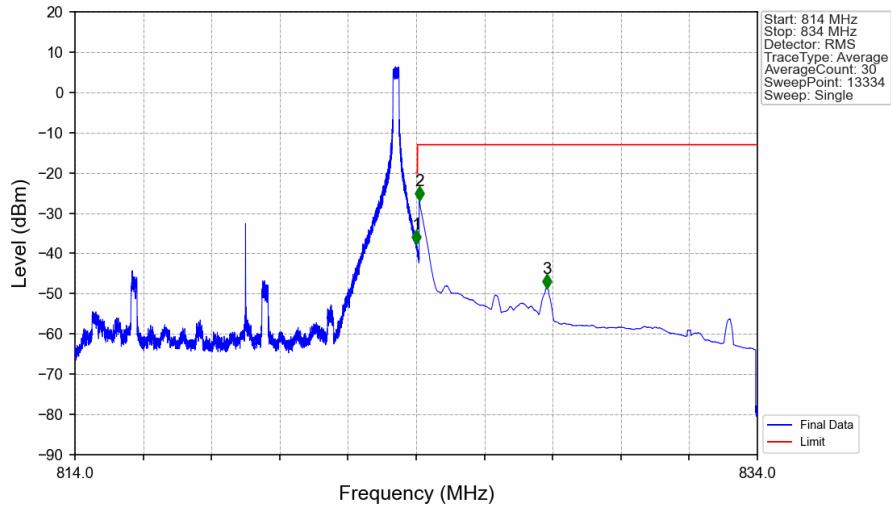


Band26a_10MHz_QPSK_LCH_819MHz_RB_50_0_NTNV



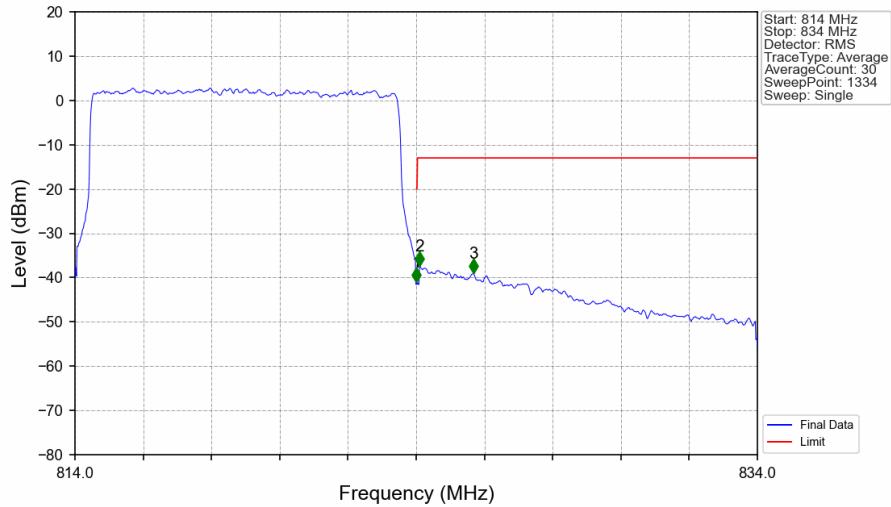
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
804	813	0.1	CHP	1	812.732	-37.88	-13	Pass
813	813.963	0.1	CHP	2	813.902	-35.73	-13	Pass
813.963	814	0.099	CHP	3	813.992	-38.96	-20	Pass
814	824	0.099	CHP	/	/	/	/	/

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	824.002	-37.56	-20	Pass
824.038	825	0.1	CHP	2	824.088	-26.76	-13	Pass
825	834	0.1	CHP	3	827.833	-48.73	-13	Pass

Band26a_10MHz_QPSK_HCH_819MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.099	CHP	/	/	/	/	/
824	824.038	0.099	CHP	1	824.008	-40.91	-20	Pass
824.038	825	0.1	CHP	2	824.098	-37.35	-13	Pass
825	834	0.1	CHP	3	825.673	-39.01	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 26a(814-824MHz)-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1629.0	-70.1	-13	-57.1	-73.03	2.62	5.55	Horizontal	Pass
2443.5	-68.25	-13	-55.25	-70.89	3.04	5.68	Horizontal	Pass
3258.0	-67.03	-13	-54.03	-71.31	3.28	7.56	Horizontal	Pass
1629.0	-70.9	-13	-57.9	-73.83	2.62	5.55	Vertical	Pass
2443.5	-63.7	-13	-50.7	-66.34	3.04	5.68	Vertical	Pass
3258.0	-66.91	-13	-53.91	-71.19	3.28	7.56	Vertical	Pass