

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B26a_10MHz_ERP

Band: 26a / Bandwidth: 10MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	819	1	0	23.67	3.50	25.02	<=50	Pass
			25	23.59	3.50	24.94	<=50	Pass
			49	23.31	3.50	24.66	<=50	Pass
		25	0	22.69	3.50	24.04	<=50	Pass
			13	22.79	3.50	24.14	<=50	Pass
			25	22.67	3.50	24.02	<=50	Pass
		50	0	22.73	3.50	24.08	<=50	Pass
16QAM	819	1	0	23.22	3.50	24.57	<=50	Pass
			25	23.18	3.50	24.53	<=50	Pass
			49	22.92	3.50	24.27	<=50	Pass
		12	0	22.78	3.50	24.13	<=50	Pass
			19	22.89	3.50	24.24	<=50	Pass
			38	22.56	3.50	23.91	<=50	Pass
		27	0	21.72	3.50	23.07	<=50	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

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	10.2	-3.333	-0.0041	-2.5 to 2.5	Pass
					12	-4.563	-0.0056	-2.5 to 2.5	Pass
					13.8	-4.978	-0.0061	-2.5 to 2.5	Pass
				-30	12	-4.921	-0.0060	-2.5 to 2.5	Pass
				-20	12	-2.017	-0.0025	-2.5 to 2.5	Pass
				-10	12	-5.937	-0.0072	-2.5 to 2.5	Pass
				0	12	-4.463	-0.0054	-2.5 to 2.5	Pass
				10	12	-3.648	-0.0045	-2.5 to 2.5	Pass
				30	12	-6.280	-0.0077	-2.5 to 2.5	Pass
				40	12	-5.565	-0.0068	-2.5 to 2.5	Pass
				50	12	-2.775	-0.0034	-2.5 to 2.5	Pass
16QAM	819	27	0	20	10.2	-4.935	-0.0060	-2.5 to 2.5	Pass
					12	-5.679	-0.0069	-2.5 to 2.5	Pass
					13.8	-1.001	-0.0012	-2.5 to 2.5	Pass
				-30	12	-6.280	-0.0077	-2.5 to 2.5	Pass
				-20	12	-5.422	-0.0066	-2.5 to 2.5	Pass
				-10	12	-3.333	-0.0041	-2.5 to 2.5	Pass
				0	12	-1.802	-0.0022	-2.5 to 2.5	Pass
				10	12	-1.173	-0.0014	-2.5 to 2.5	Pass
				30	12	-7.095	-0.0087	-2.5 to 2.5	Pass
				40	12	-7.653	-0.0093	-2.5 to 2.5	Pass
				50	12	-5.221	-0.0064	-2.5 to 2.5	Pass

3. Modulation Characteristics

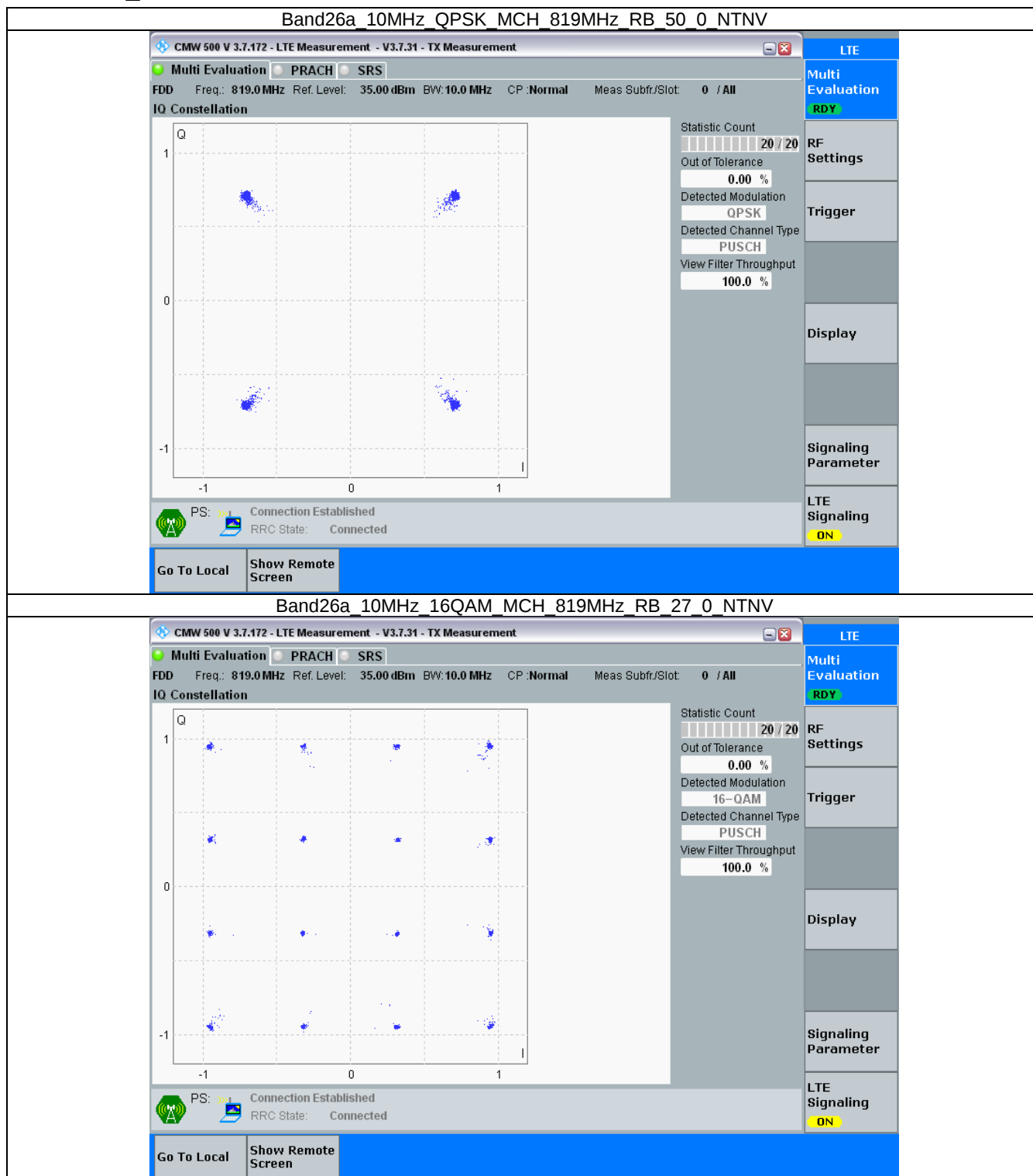
3.1 Test Result

3.1.1 B26a_10MHz

Band: 26a / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	Refer To Test Graph		Pass
16QAM	819	27	0	Refer To Test Graph		Pass

3.2 Test Graph

3.2.1 B26a_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band26a_OBW

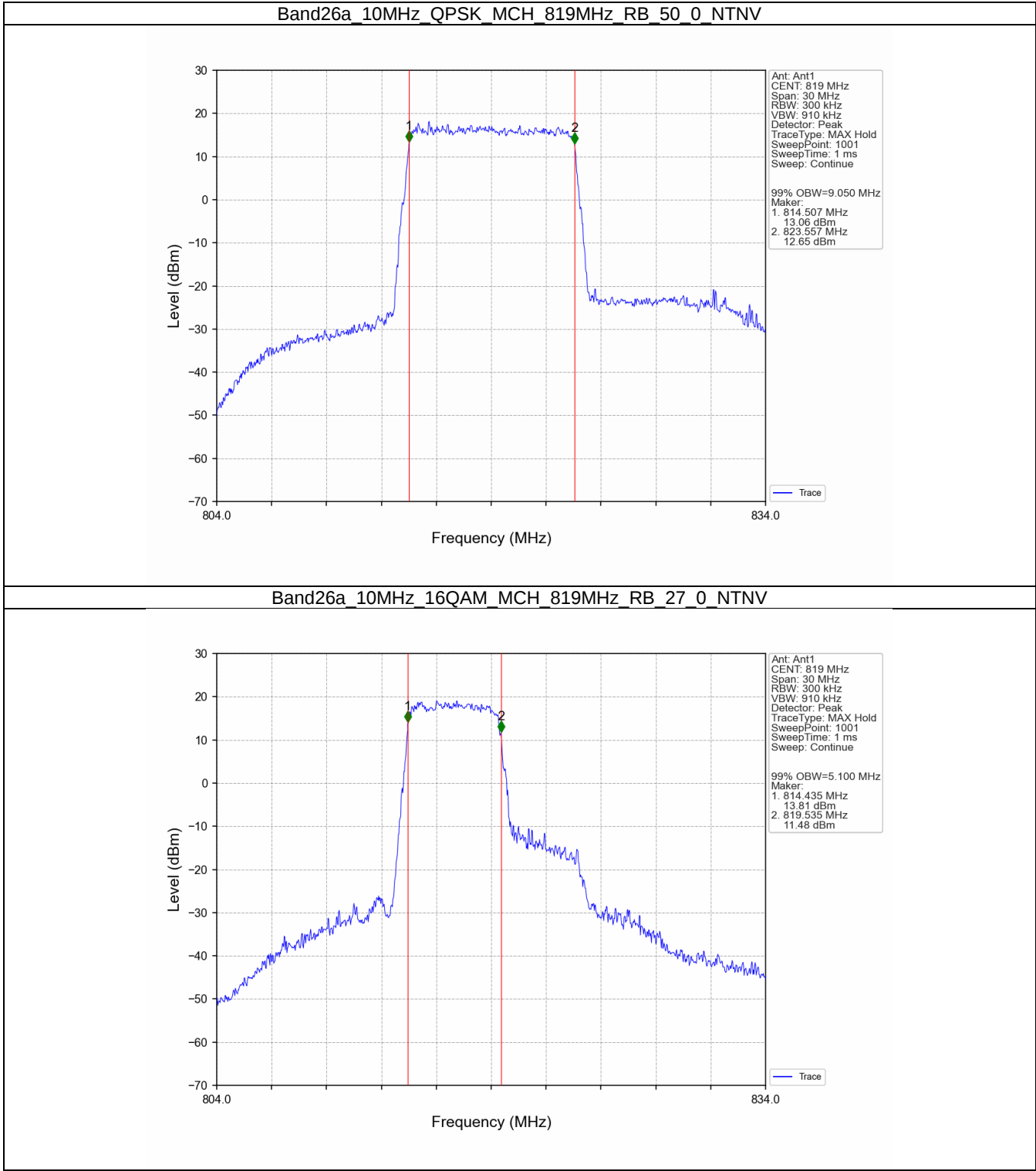
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
10	QPSK	819	50	0	9.050	/	Pass
	16QAM	819	27	0	5.100	/	Pass

4.1.2 Band26a_XDB

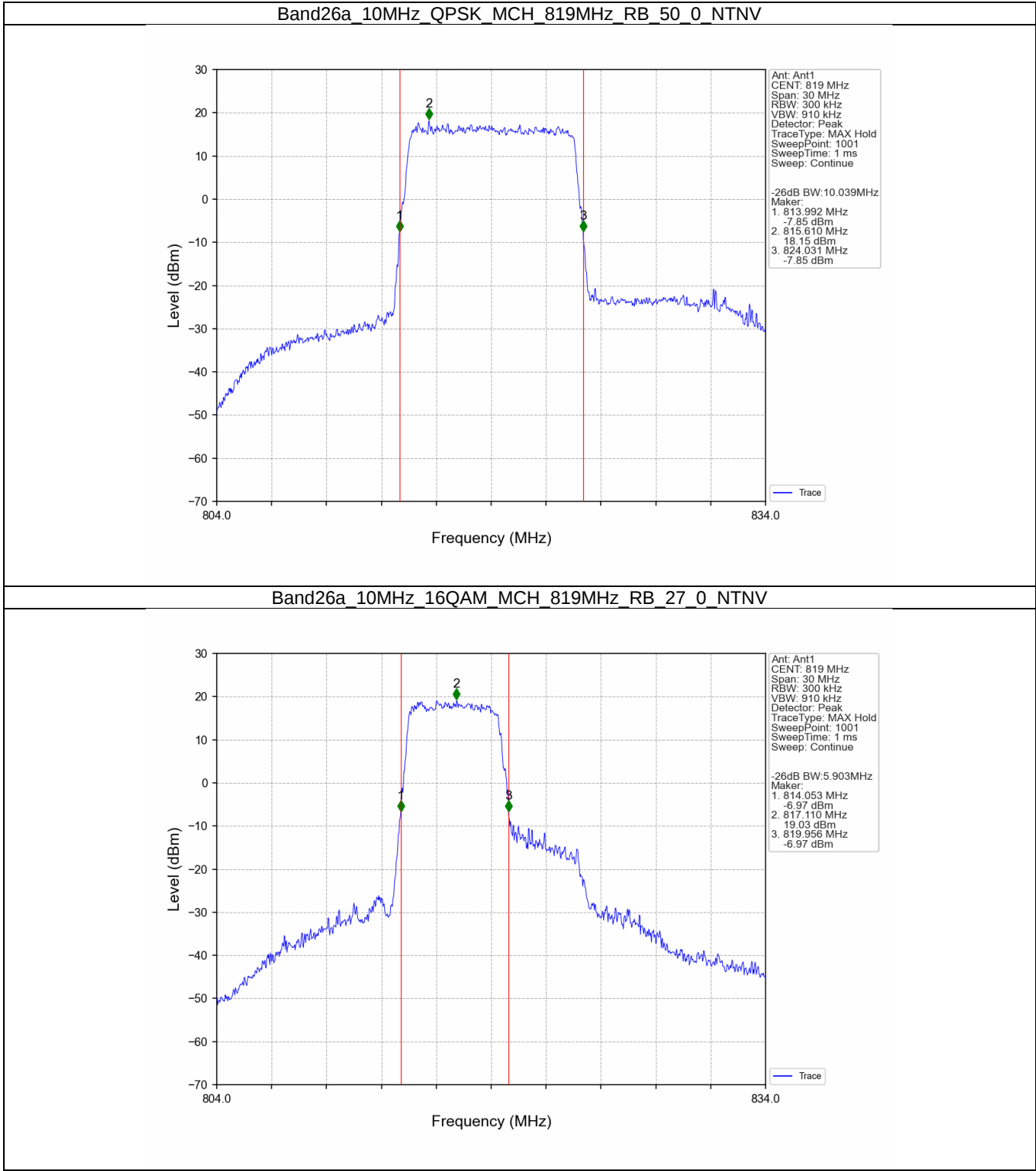
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
10	QPSK	819	50	0	10.039	/	Pass
	16QAM	819	27	0	5.903	/	Pass

4.2 Test Graph

4.2.1 Band26a_OBW



4.2.2 Band26a_XDB



5. Peak-Average Ratio

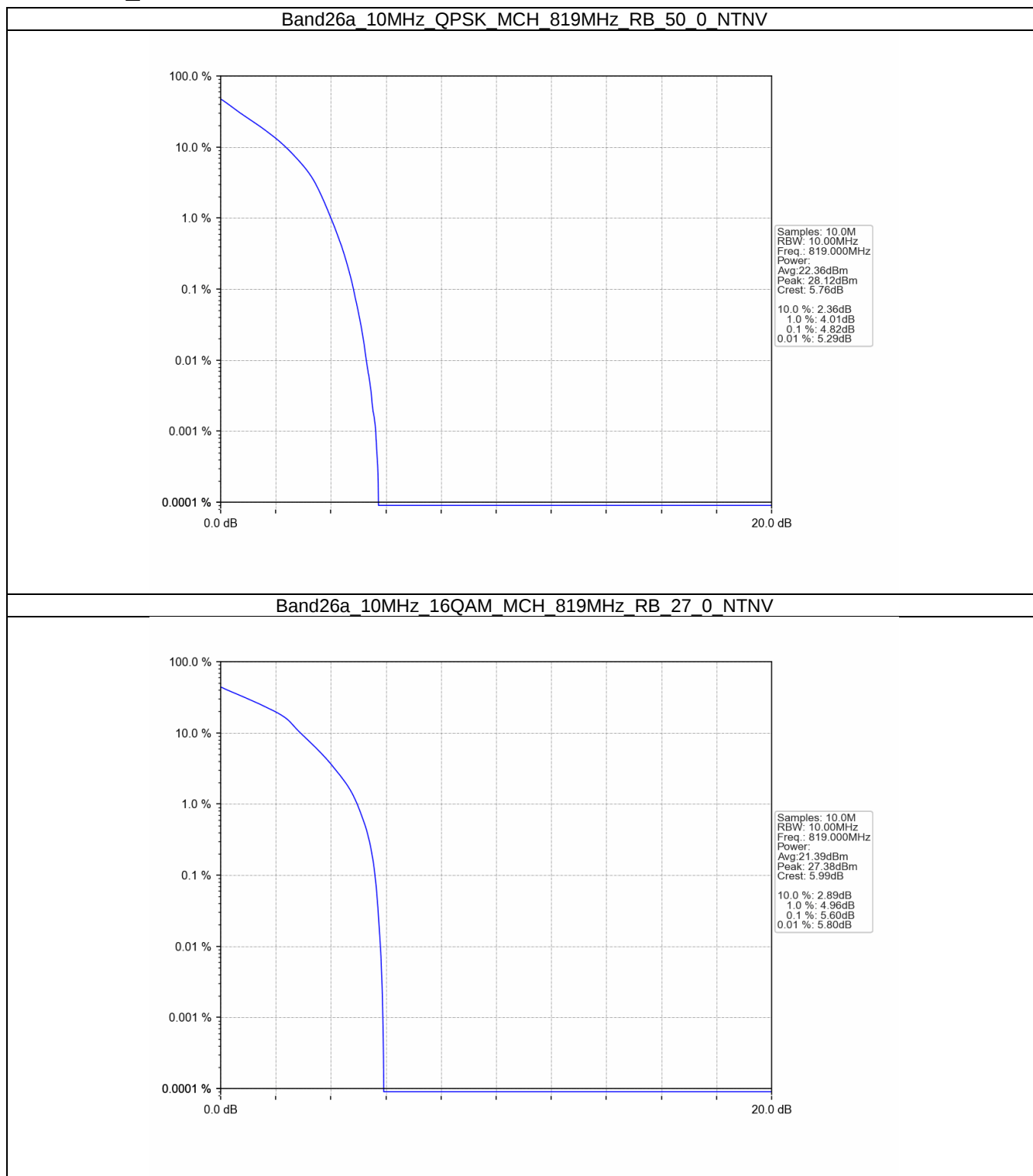
5.1 Test Result

5.1.1 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	4.82	<=13	Pass
16QAM	819	27	0	5.60	<=13	Pass

5.2 Test Graph

5.2.1 B26a_10MHz



6. Spurious Emission

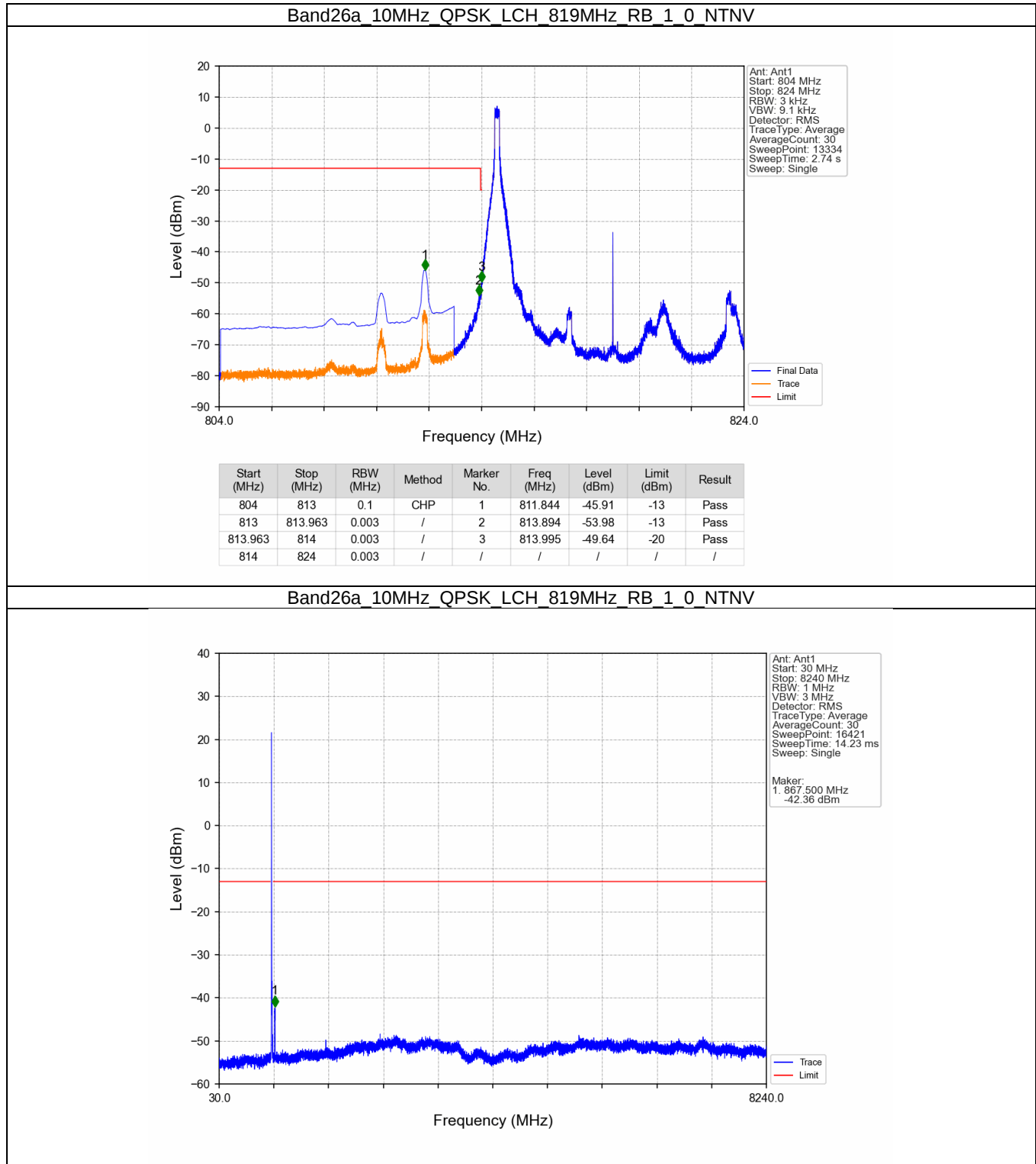
6.1 Test Result

6.1.1 B26a_10MHz

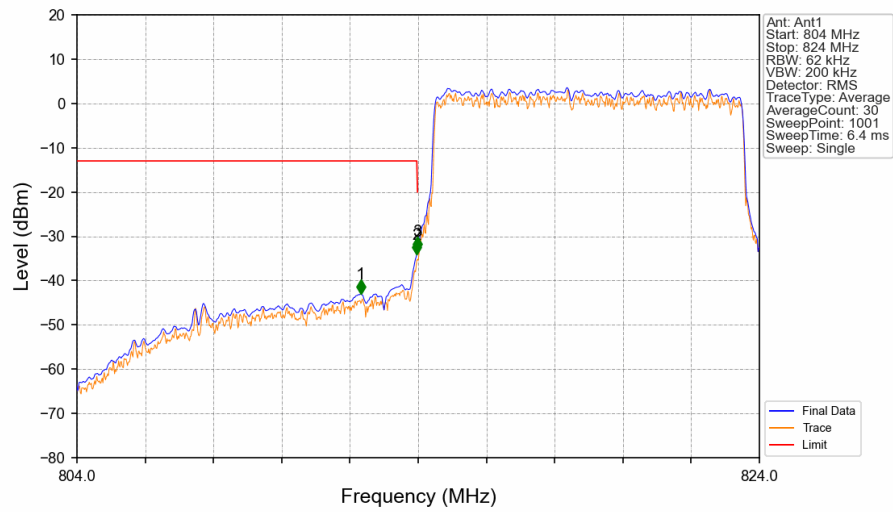
Band: 26a / Bandwidth: 10MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	819	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	819	1	49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
16QAM	819	1	0	Refer To Test Graph	Pass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

6.2 Test Graph

6.2.1 B26a_10MHz

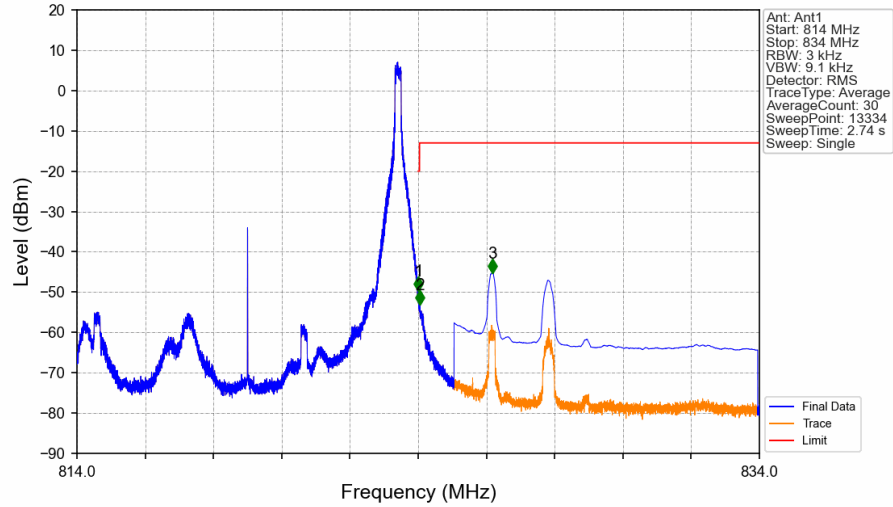


Band26a_10MHz_QPSK_LCH_819MHz_RB_50_0_NTNV



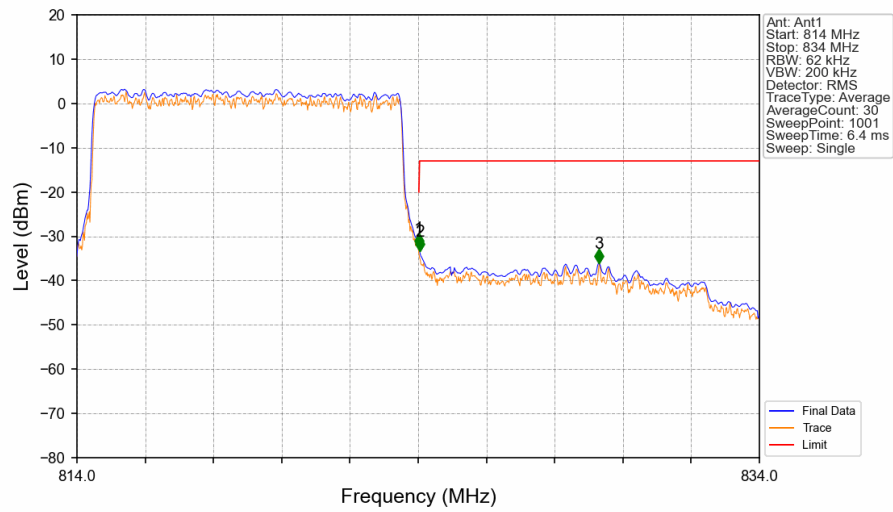
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
804	813	0.1	CHP	1	812.320	-43.03	-13	Pass
813	813.963	0.1	CHP	2	813.963	-34.05	-13	Pass
813.963	814	0.1	CHP	3	813.980	-33.25	-20	Pass
814	824	0.1	CHP	/	/	/	/	/

Band26a_10MHz_QPSK_HCH_819MHz_RB_1_49_NTNV



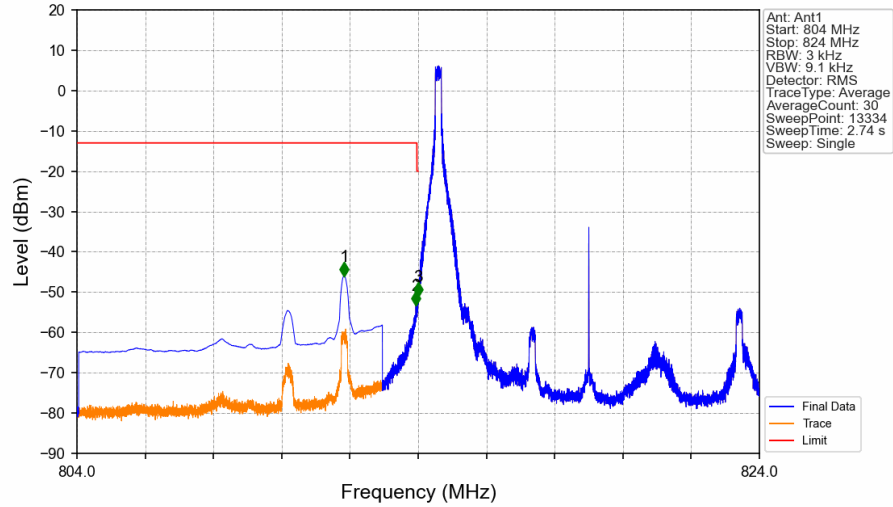
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.002	-49.67	-20	Pass
824.038	825	0.003	/	2	824.044	-53.17	-13	Pass
825	834	0.1	CHP	3	826.171	-45.24	-13	Pass

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	0.1	CHP	/	/	/	/	/
824	824.038	0.1	CHP	1	824.020	-32.59	-20	Pass
824.038	825	0.1	CHP	2	824.040	-33.31	-13	Pass
825	834	0.1	CHP	3	829.300	-36.10	-13	Pass

Band26a_10MHz_16QAM_LCH_819MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
804	813	0.1	CHP	1	811.829	-46.11	-13	Pass
813	813.963	0.003	/	2	813.933	-53.29	-13	Pass
813.963	814	0.003	/	3	813.996	-51.06	-20	Pass
814	824	0.003	/	/	/	/	/	/

