

1. Effective (Isotropic) Radiated Power Output Data

1.1 B26c_15MHz_ERP

1.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	821.5	1	0	23.92	0.3	22.07	<=50	Pass		
			38	23.96	0.3	22.11	<=50	Pass		
			74	23.88	0.3	22.03	<=50	Pass		
		36	0	23	0.3	21.15	<=50	Pass		
			18	23.05	0.3	21.2	<=50	Pass		
			39	23.01	0.3	21.16	<=50	Pass		
		75	0	23.12	0.3	21.27	<=50	Pass		
		831.5	1	0	23.95	0.3	22.1	<=38.45	Pass	
				38	23.93	0.3	22.08	<=38.45	Pass	
	74			23.79	0.3	21.94	<=38.45	Pass		
	36		0	22.94	0.3	21.09	<=38.45	Pass		
			18	22.95	0.3	21.1	<=38.45	Pass		
			39	22.98	0.3	21.13	<=38.45	Pass		
	75		0	23.08	0.3	21.23	<=38.45	Pass		
	841.5		1	0	23.92	0.3	22.07	<=38.45	Pass	
				38	23.94	0.3	22.09	<=38.45	Pass	
		74		23.88	0.3	22.03	<=38.45	Pass		
		36	0	22.9	0.3	21.05	<=38.45	Pass		
			18	22.95	0.3	21.1	<=38.45	Pass		
			39	22.98	0.3	21.13	<=38.45	Pass		
		75	0	23.08	0.3	21.23	<=38.45	Pass		
		16QAM	821.5	1	0	23.18	0.3	21.33	<=50	Pass
					38	23.12	0.3	21.27	<=50	Pass
	74				22.97	0.3	21.12	<=50	Pass	
36	0			21.94	0.3	20.09	<=50	Pass		
	18			22.06	0.3	20.21	<=50	Pass		
	39			22.02	0.3	20.17	<=50	Pass		
75	0		22.12	0.3	20.27	<=50	Pass			
831.5	1		0	23.08	0.3	21.23	<=38.45	Pass		
			38	23.15	0.3	21.3	<=38.45	Pass		
			74	22.94	0.3	21.09	<=38.45	Pass		
	36		0	21.94	0.3	20.09	<=38.45	Pass		

			18	21.89	0.3	20.04	<=38.45	Pass	
			39	21.97	0.3	20.12	<=38.45	Pass	
		75	0	22.06	0.3	20.21	<=38.45	Pass	
	841.5	1		0	23	0.3	21.15	<=38.45	Pass
				38	23.08	0.3	21.23	<=38.45	Pass
				74	23.03	0.3	21.18	<=38.45	Pass
		36		0	21.92	0.3	20.07	<=38.45	Pass
				18	21.94	0.3	20.09	<=38.45	Pass
				39	22.02	0.3	20.17	<=38.45	Pass
		75	0	22.1	0.3	20.25	<=38.45	Pass	

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 B26c_15MHz

2.1.1 Test Result

Band: 26c / Bandwidth: 15MHz												
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict			
		Size	Offset				Result	Limit				
QPSK	821.5	75	0	20	3.27	-1.625	-0.0020	-2.5 to 2.5	Pass			
					3.85	-0.054	-0.0001	-2.5 to 2.5	Pass			
					4.43	-0.527	-0.0006	-2.5 to 2.5	Pass			
				-30	3.85	0.107	0.0001	-2.5 to 2.5	Pass			
				-20	3.85	-1.181	-0.0014	-2.5 to 2.5	Pass			
				-10	3.85	-1.270	-0.0015	-2.5 to 2.5	Pass			
				0	3.85	-1.262	-0.0015	-2.5 to 2.5	Pass			
				10	3.85	-0.545	-0.0007	-2.5 to 2.5	Pass			
				30	3.85	-0.632	-0.0008	-2.5 to 2.5	Pass			
				40	3.85	-0.900	-0.0011	-2.5 to 2.5	Pass			
				50	3.85	-1.187	-0.0014	-2.5 to 2.5	Pass			
				831.5	75	0	20	3.27	4.714	0.0057	-2.5 to 2.5	Pass
								3.85	4.903	0.0059	-2.5 to 2.5	Pass
								4.43	5.739	0.0069	-2.5 to 2.5	Pass
							-30	3.85	6.806	0.0082	-2.5 to 2.5	Pass
	-20	3.85	5.834				0.0070	-2.5 to 2.5	Pass			
	-10	3.85	6.500				0.0078	-2.5 to 2.5	Pass			
	0	3.85	5.205				0.0063	-2.5 to 2.5	Pass			
	10	3.85	5.370				0.0065	-2.5 to 2.5	Pass			
	30	3.85	4.796				0.0058	-2.5 to 2.5	Pass			
	841.5	75	0	20	3.27	0.176	0.0002	-2.5 to 2.5	Pass			
					3.85	-1.026	-0.0012	-2.5 to 2.5	Pass			
					4.43	0.014	0.0000	-2.5 to 2.5	Pass			
				-30	3.85	0.765	0.0009	-2.5 to 2.5	Pass			
				-20	3.85	0.756	0.0009	-2.5 to 2.5	Pass			
				-10	3.85	0.181	0.0002	-2.5 to 2.5	Pass			

				0	3.85	0.683	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.770	0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.312	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-0.028	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.219	-0.0003	-2.5 to 2.5	Pass

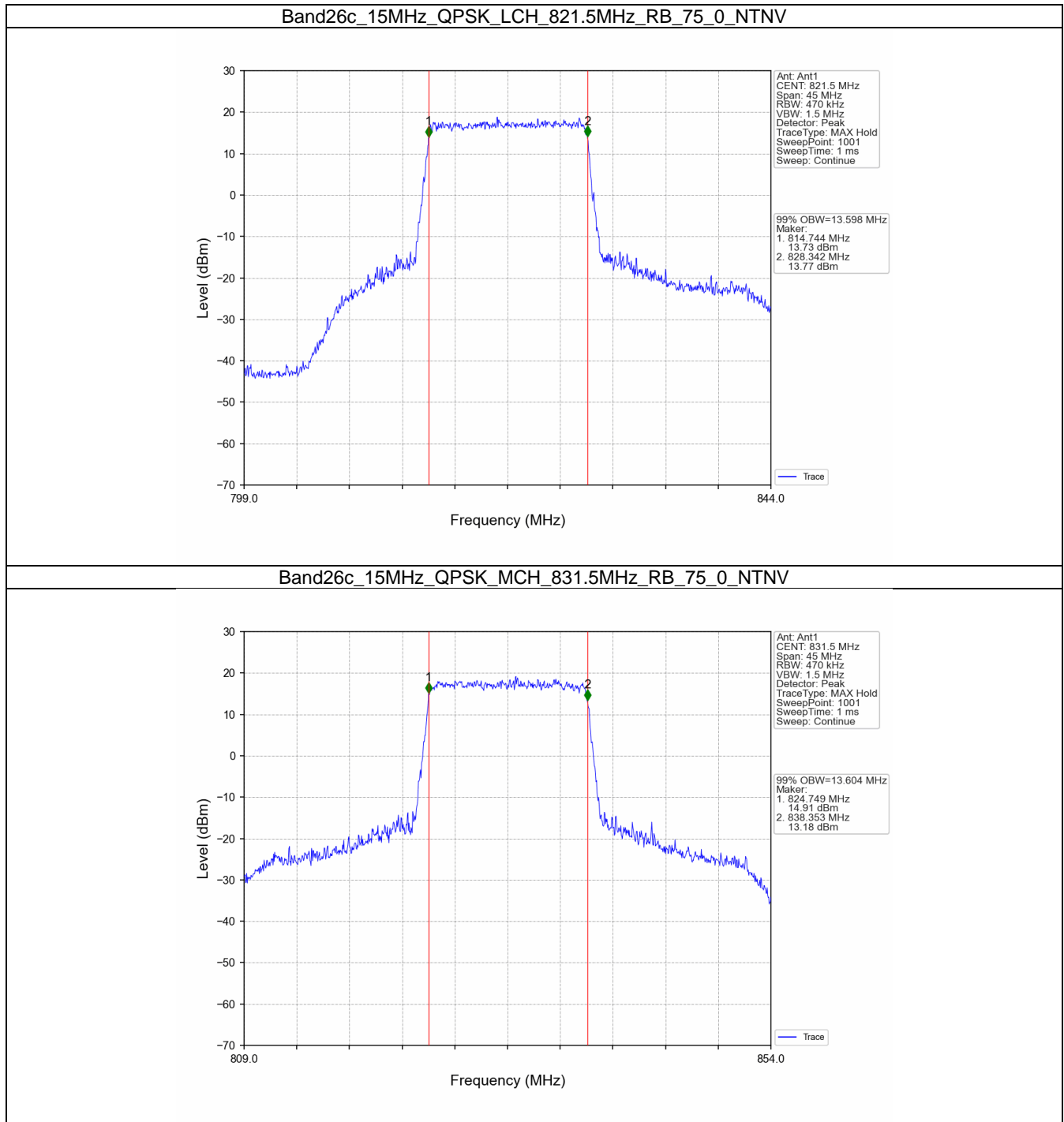
3. 99% & 26dB Bandwidth

3.1 Band26c_OBW

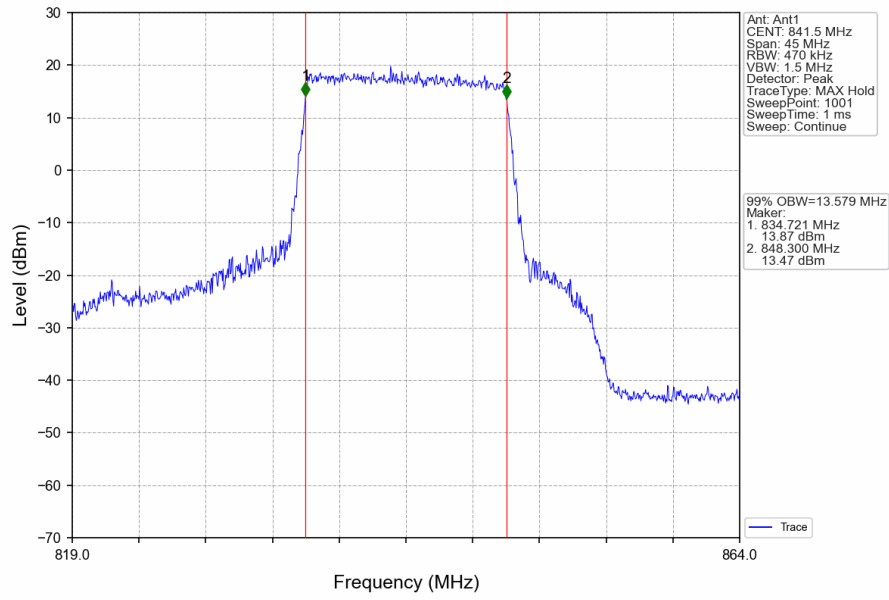
3.1.1 Test Result

Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	13.598	/	Pass
		831.5	75	0	13.604	/	Pass
		841.5	75	0	13.579	/	Pass
	16QAM	821.5	75	0	13.610	/	Pass
		831.5	75	0	13.607	/	Pass
		841.5	75	0	13.606	/	Pass

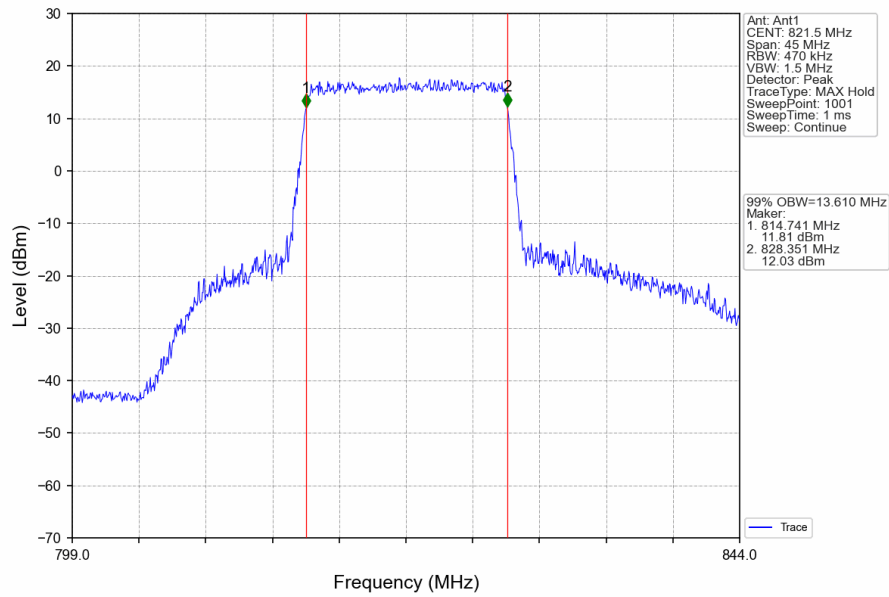
3.1.2 Test Graph



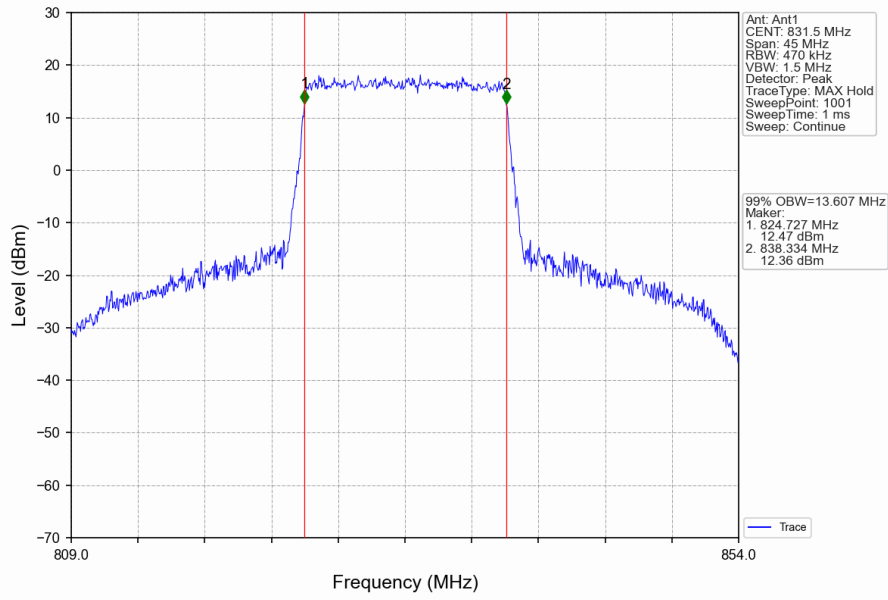
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



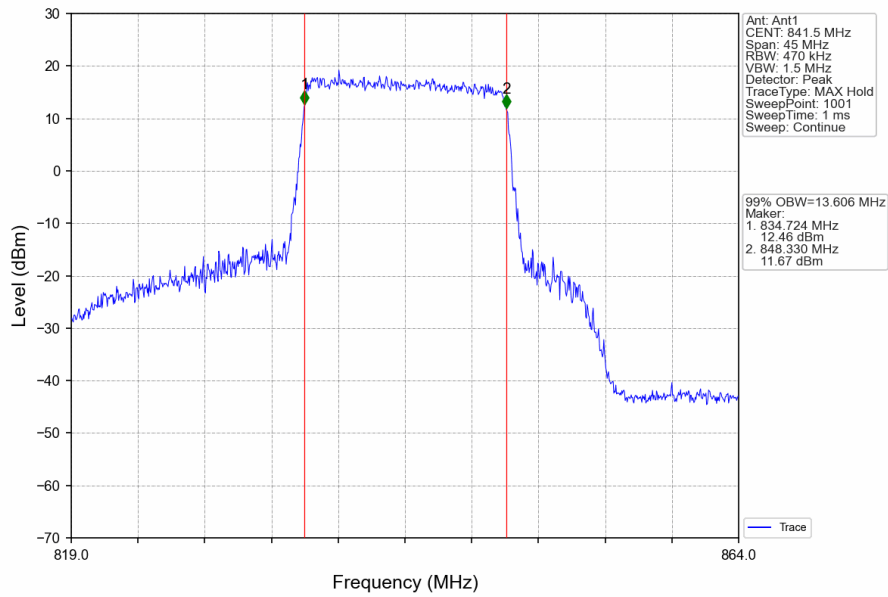
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV

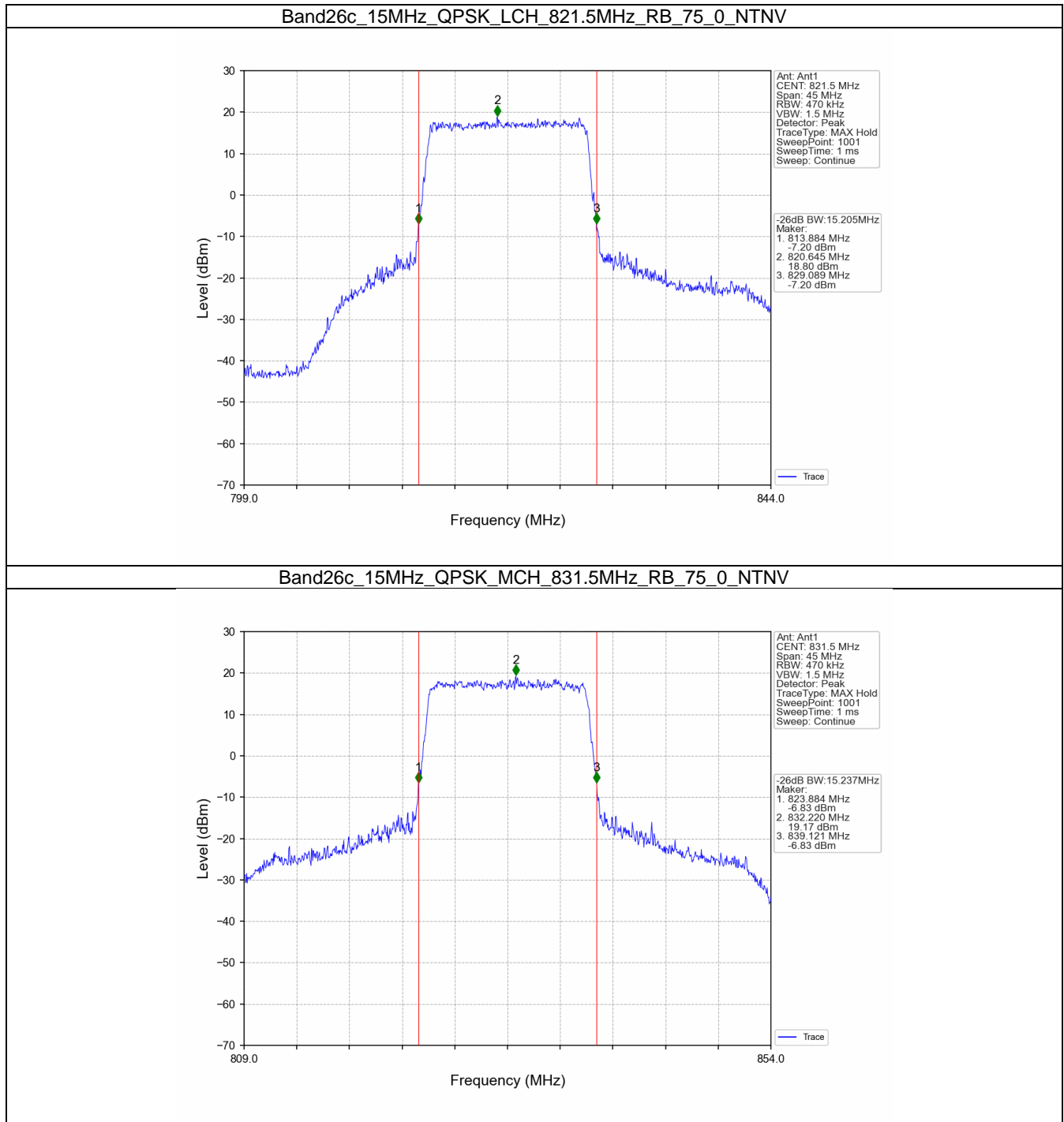


3.2 Band26c_XDB

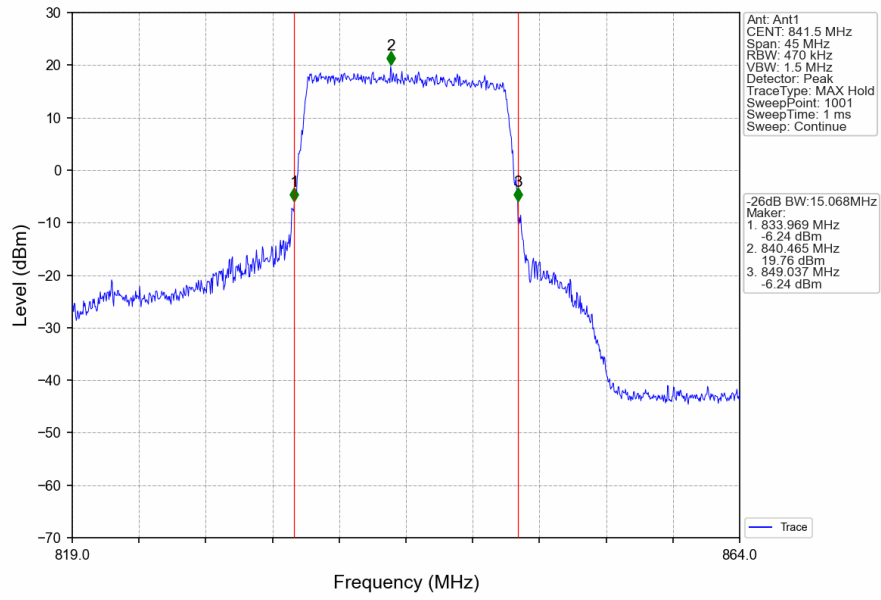
3.2.1 Test Result

Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	15.205	/	Pass
		831.5	75	0	15.237	/	Pass
		841.5	75	0	15.068	/	Pass
	16QAM	821.5	75	0	15.225	/	Pass
		831.5	75	0	15.271	/	Pass
		841.5	75	0	15.035	/	Pass

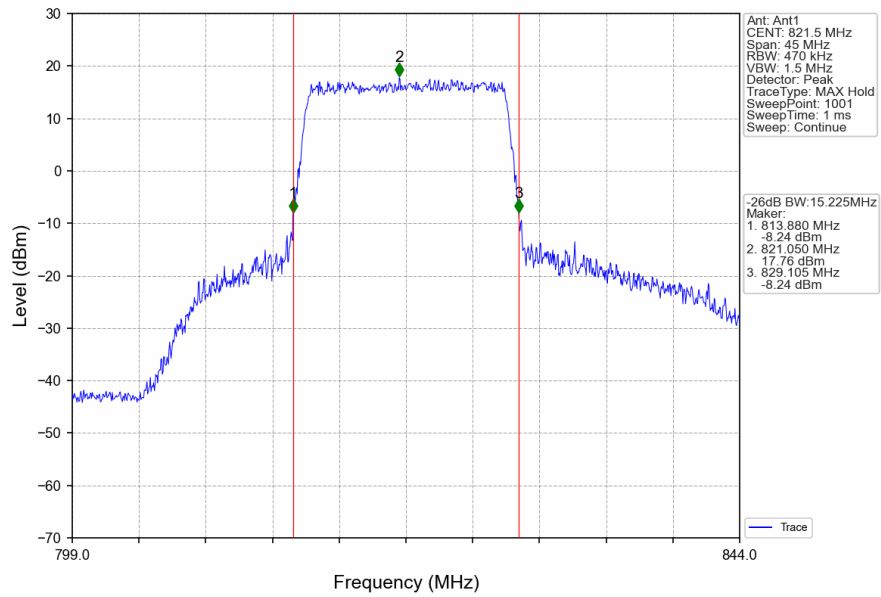
3.2.2 Test Graph



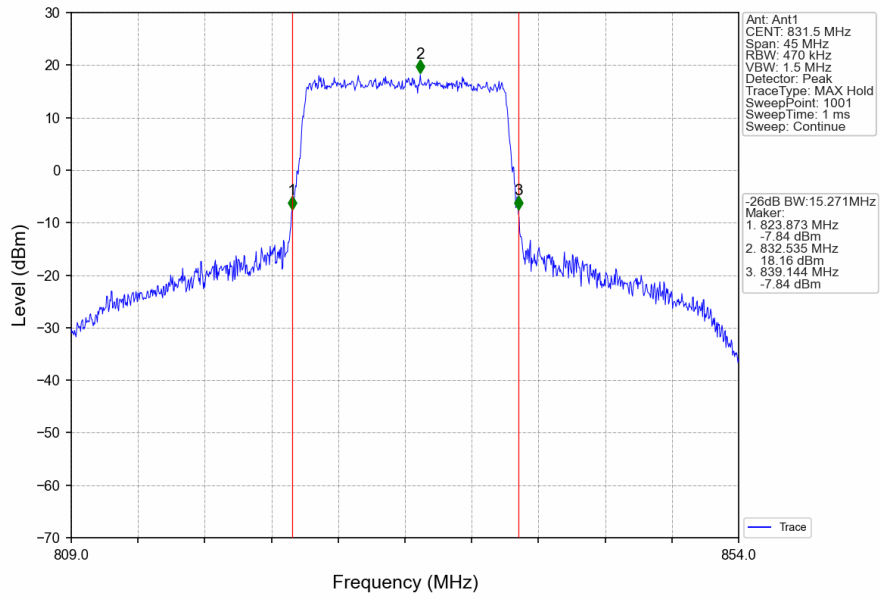
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



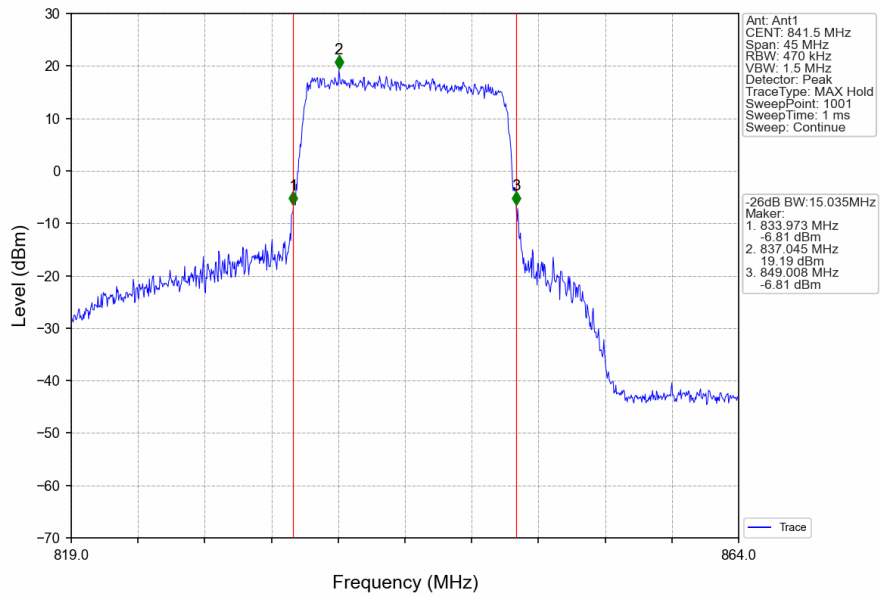
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



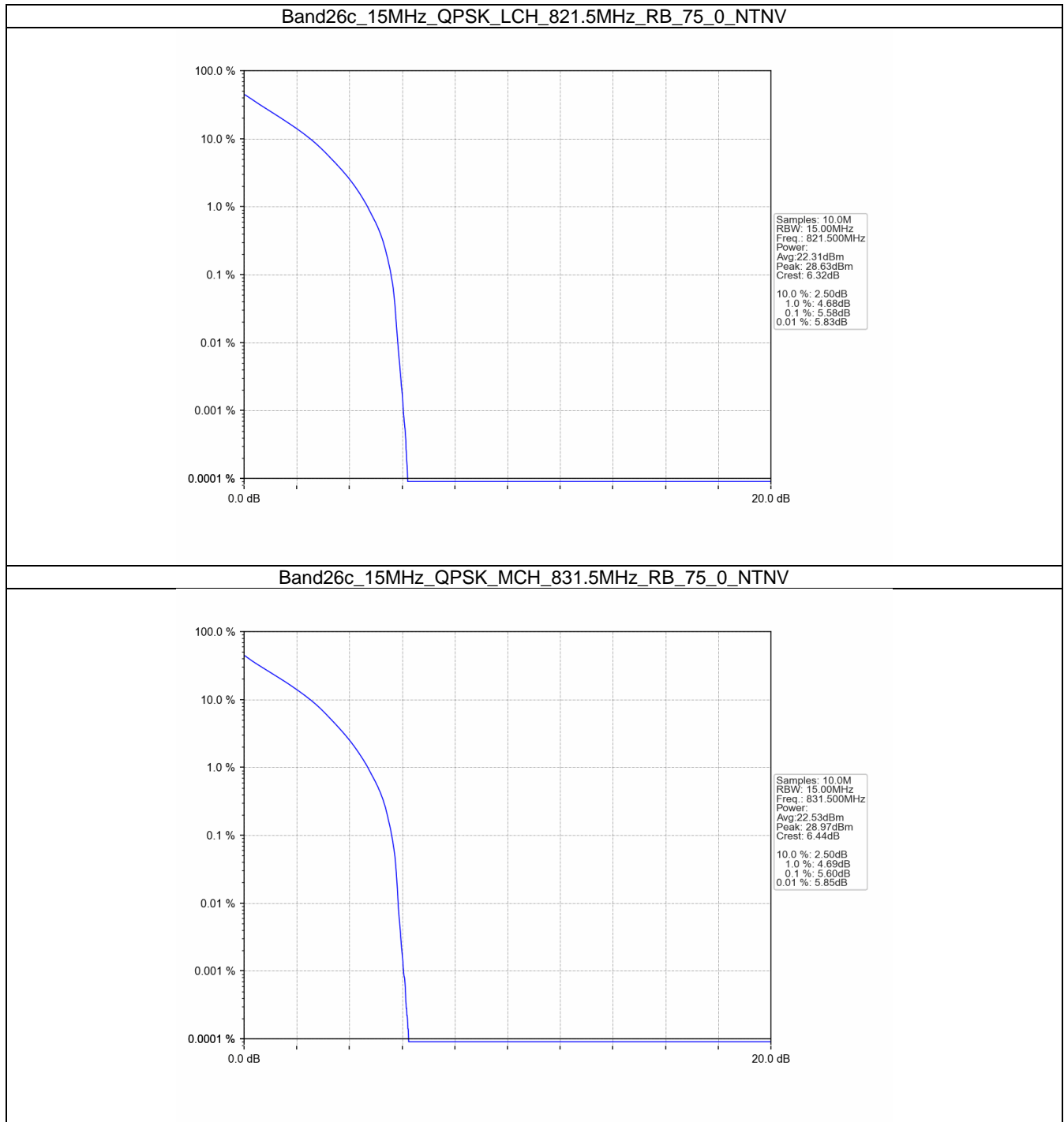
4. Peak-Average Ratio

4.1 B26c_15MHz

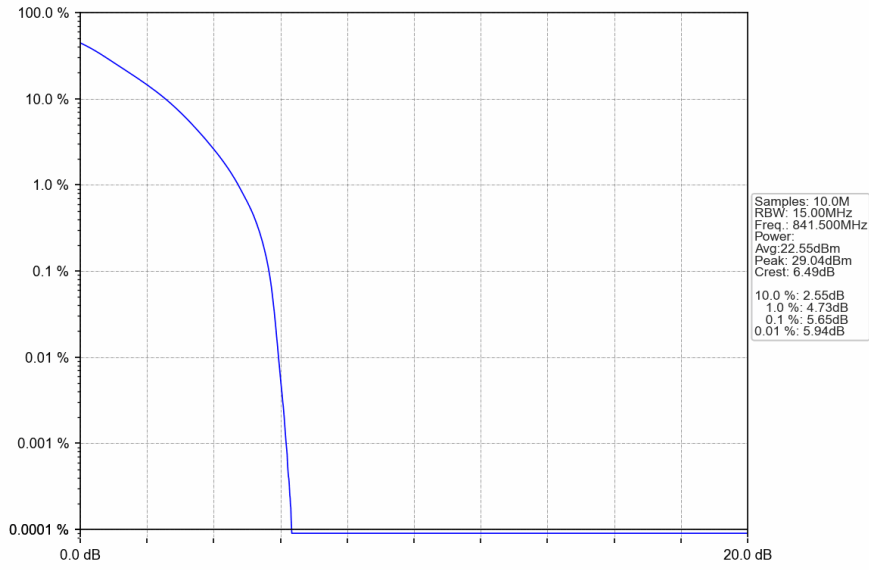
4.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	5.58	<=13	Pass
	831.5	75	0	5.60	<=13	Pass
	841.5	75	0	5.65	<=13	Pass
16QAM	821.5	75	0	6.27	<=13	Pass
	831.5	75	0	6.30	<=13	Pass
	841.5	75	0	6.37	<=13	Pass

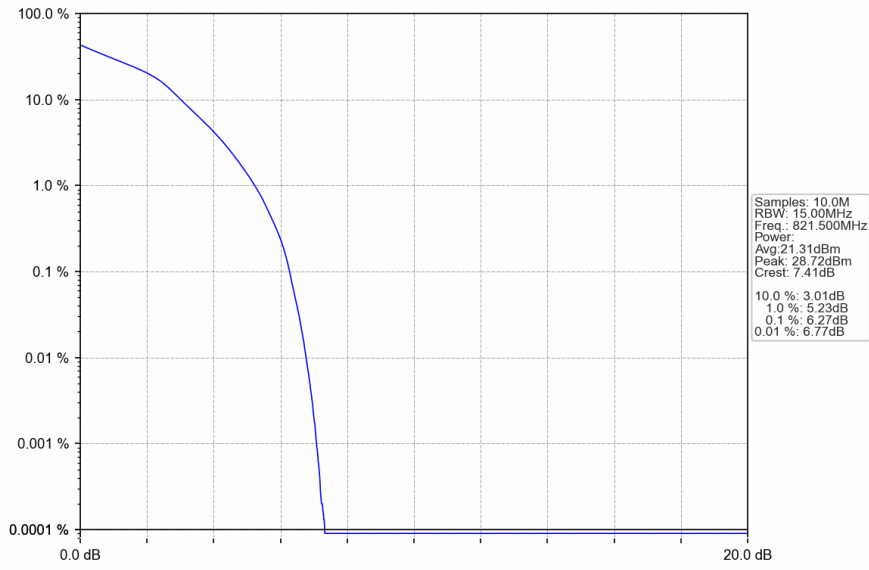
4.1.2 Test Graph



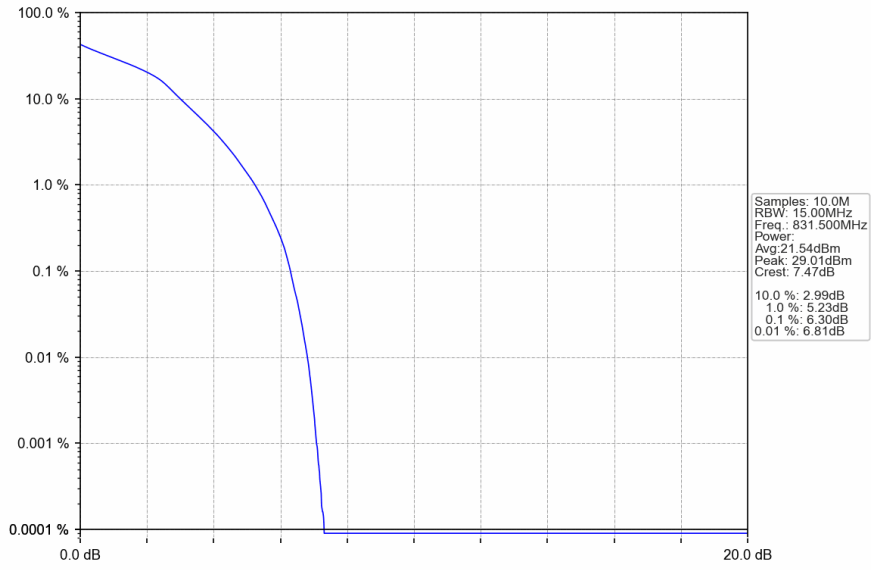
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



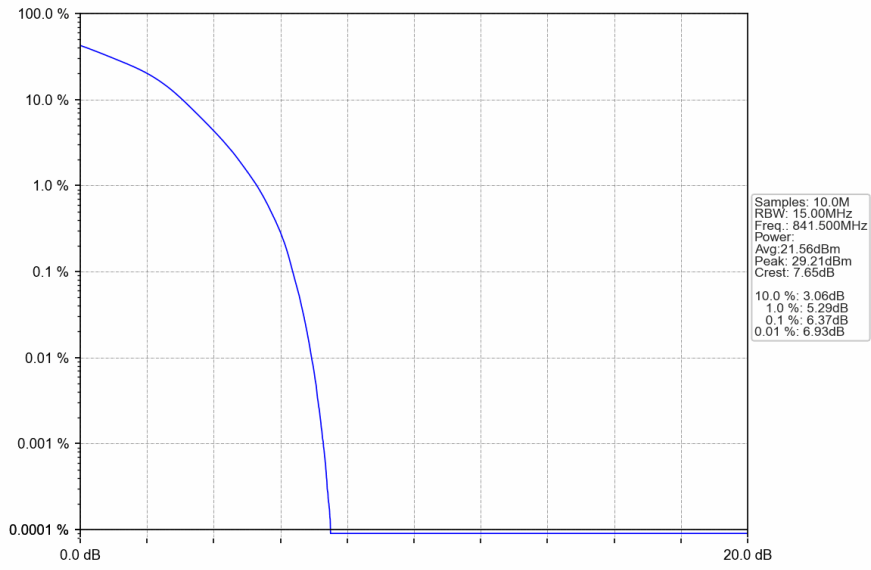
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



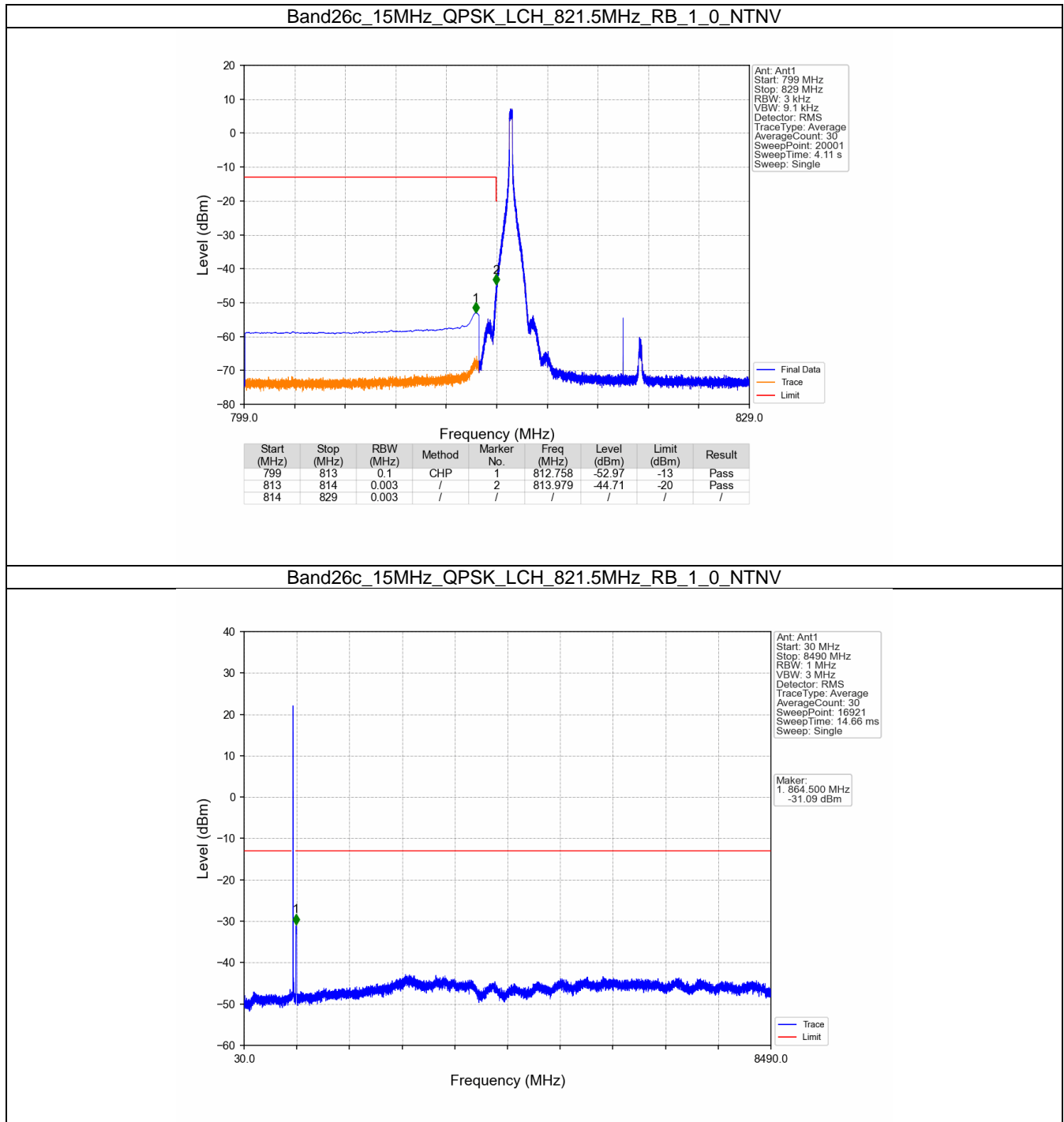
5. Spurious Emission

5.1 B26c_15MHz

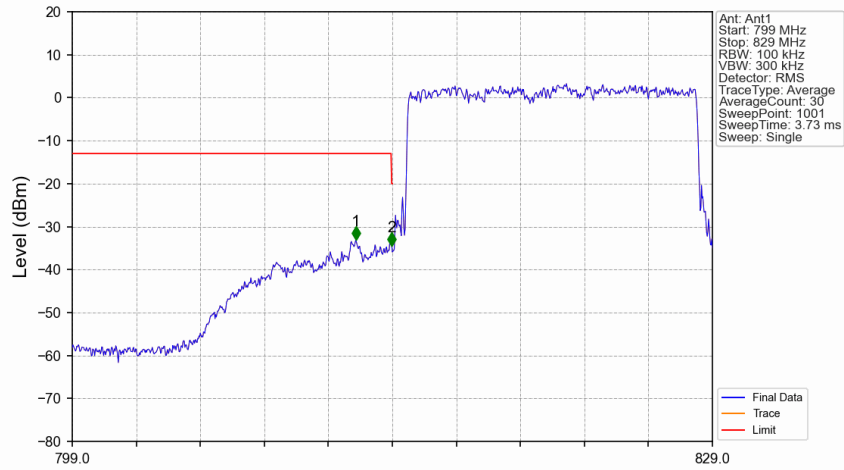
5.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	1	0	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
	831.5	1	0	Refer To Test Graph	Pass	
		1	0	Refer To Test Graph	Pass	
	841.5	1	74	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	

5.1.2 Test Graph

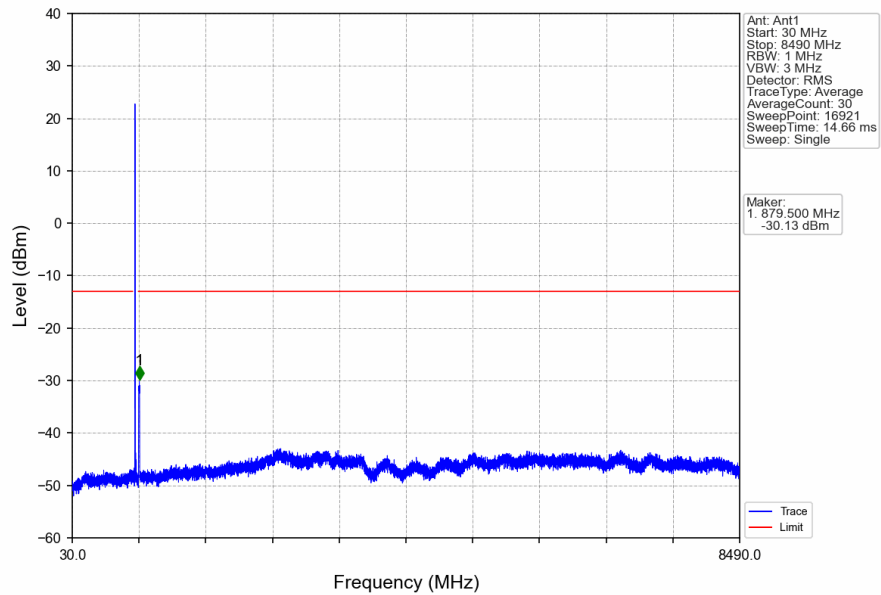


Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV

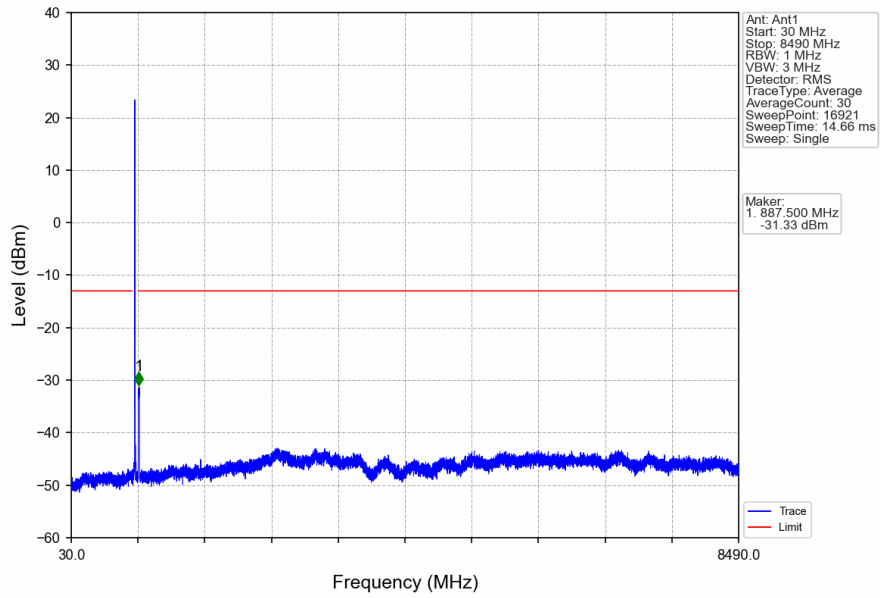


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.290	-33.09	-13	Pass
813	814	0.152	/	2	813.970	-34.50	-20	Pass
814	829	0.152	/	/	/	/	/	/

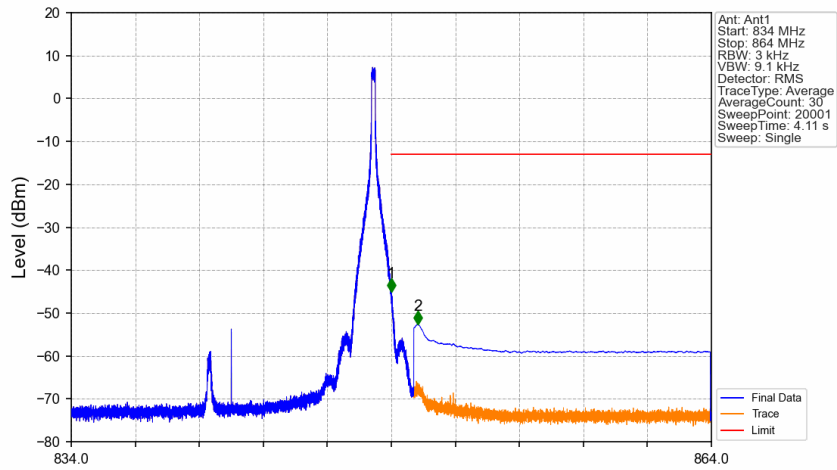
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV

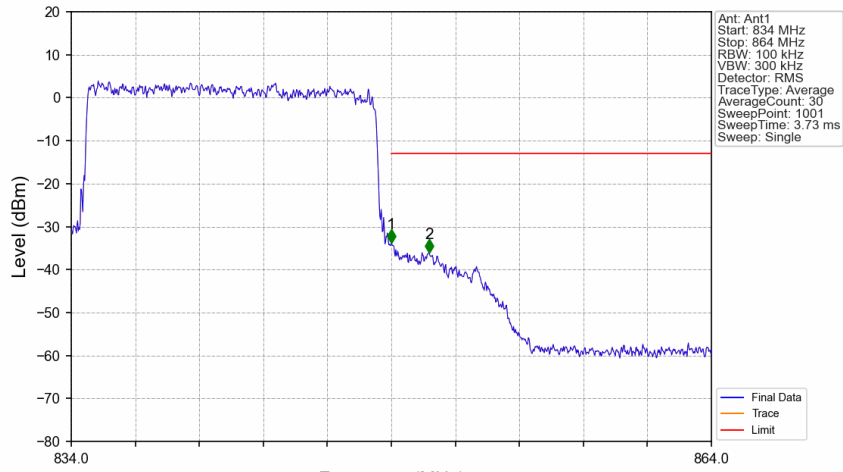


Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-45.05	-13	Pass
850	864	0.1	CHP	2	850.251	-52.66	-13	Pass

Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.151	/	/	/	/	/	/
849	850	0.151	/	1	849.000	-33.79	-13	Pass
850	864	0.1	/	2	850.770	-36.05	-13	Pass