

1. Effective (Isotropic) Radiated Power Output Data

1.1 B26c_15MHz_ERP

1.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	821.5	1	0	23.66	0.4	21.91	<=38.45	Pass		
			38	23.87	0.4	22.12	<=38.45	Pass		
			74	23.74	0.4	21.99	<=38.45	Pass		
		36	0	22.78	0.4	21.03	<=38.45	Pass		
			18	22.89	0.4	21.14	<=38.45	Pass		
			39	22.87	0.4	21.12	<=38.45	Pass		
		75	0	22.89	0.4	21.14	<=38.45	Pass		
		831.5	1	0	23.73	0.4	21.98	<=38.45	Pass	
				38	23.80	0.4	22.05	<=38.45	Pass	
	74			23.58	0.4	21.83	<=38.45	Pass		
	36		0	22.89	0.4	21.14	<=38.45	Pass		
			18	22.85	0.4	21.1	<=38.45	Pass		
			39	22.80	0.4	21.05	<=38.45	Pass		
	75		0	22.81	0.4	21.06	<=38.45	Pass		
	841.5		1	0	23.55	0.4	21.8	<=38.45	Pass	
				38	23.86	0.4	22.11	<=38.45	Pass	
		74		23.64	0.4	21.89	<=38.45	Pass		
		36	0	22.78	0.4	21.03	<=38.45	Pass		
			18	22.88	0.4	21.13	<=38.45	Pass		
			39	22.84	0.4	21.09	<=38.45	Pass		
		75	0	22.81	0.4	21.06	<=38.45	Pass		
		16QAM	821.5	1	0	23.01	0.4	21.26	<=38.45	Pass
					38	23.21	0.4	21.46	<=38.45	Pass
	74				22.90	0.4	21.15	<=38.45	Pass	
36	0			21.85	0.4	20.1	<=38.45	Pass		
	18			21.93	0.4	20.18	<=38.45	Pass		
	39			21.90	0.4	20.15	<=38.45	Pass		
75	0			21.91	0.4	20.16	<=38.45	Pass		
831.5	1			0	22.72	0.4	20.97	<=38.45	Pass	
				38	22.98	0.4	21.23	<=38.45	Pass	
			74	22.82	0.4	21.07	<=38.45	Pass		
	36		0	21.84	0.4	20.09	<=38.45	Pass		
			18	21.86	0.4	20.11	<=38.45	Pass		
			39	21.87	0.4	20.12	<=38.45	Pass		
	75		0	21.82	0.4	20.07	<=38.45	Pass		
	841.5		1	0	22.68	0.4	20.93	<=38.45	Pass	
				38	22.76	0.4	21.01	<=38.45	Pass	
74				22.69	0.4	20.94	<=38.45	Pass		
36			0	21.83	0.4	20.08	<=38.45	Pass		
			18	21.83	0.4	20.08	<=38.45	Pass		
			39	21.82	0.4	20.07	<=38.45	Pass		
75			0	21.79	0.4	20.04	<=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	-0.730	-0.0009	-2.5 to 2.5	Pass
					3.85	-2.589	-0.0032	-2.5 to 2.5	Pass
					4.43	-3.519	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-2.003	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.017	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-1.287	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-2.403	-0.0029	-2.5 to 2.5	Pass
	40	3.85	-3.347	-0.0041	-2.5 to 2.5	Pass			
	50	3.85	-2.489	-0.0030	-2.5 to 2.5	Pass			
	831.5	75	0	20	3.27	-0.701	-0.0008	-2.5 to 2.5	Pass
					3.85	-2.303	-0.0028	-2.5 to 2.5	Pass
					4.43	-3.219	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-2.203	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-3.619	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-3.233	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-1.817	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-2.546	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-1.931	-0.0023	-2.5 to 2.5	Pass
	40	3.85	-1.473	-0.0018	-2.5 to 2.5	Pass			
	50	3.85	-2.832	-0.0034	-2.5 to 2.5	Pass			
	841.5	75	0	20	3.27	-1.888	-0.0022	-2.5 to 2.5	Pass
					3.85	-2.475	-0.0029	-2.5 to 2.5	Pass
					4.43	-2.503	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-1.388	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-1.130	-0.0013	-2.5 to 2.5	Pass
-10				3.85	-1.988	-0.0024	-2.5 to 2.5	Pass	
0				3.85	-0.672	-0.0008	-2.5 to 2.5	Pass	
10				3.85	-1.731	-0.0021	-2.5 to 2.5	Pass	
30				3.85	-0.086	-0.0001	-2.5 to 2.5	Pass	
40	3.85	-1.717	-0.0020	-2.5 to 2.5	Pass				
50	3.85	0.701	0.0008	-2.5 to 2.5	Pass				
16QAM	821.5	75	0	20	3.27	-2.418	-0.0029	-2.5 to 2.5	Pass
					3.85	-2.418	-0.0029	-2.5 to 2.5	Pass
					4.43	-2.918	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-2.661	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-2.260	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-2.189	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-2.732	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-2.217	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-1.059	-0.0013	-2.5 to 2.5	Pass
40	3.85	-2.275	-0.0028	-2.5 to 2.5	Pass				
50	3.85	-2.289	-0.0028	-2.5 to 2.5	Pass				

	831.5	75	0	20	3.27	-0.057	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.874	-0.0023	-2.5 to 2.5	Pass
					4.43	-0.987	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-1.359	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.747	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-3.233	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-0.944	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-0.701	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-2.847	-0.0034	-2.5 to 2.5	Pass
	40	3.85	-0.315	-0.0004	-2.5 to 2.5	Pass			
	50	3.85	-1.416	-0.0017	-2.5 to 2.5	Pass			
	841.5	75	0	20	3.27	-2.489	-0.0030	-2.5 to 2.5	Pass
					3.85	-2.961	-0.0035	-2.5 to 2.5	Pass
					4.43	-1.931	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.187	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.458	0.0005	-2.5 to 2.5	Pass
				10	3.85	-2.832	-0.0034	-2.5 to 2.5	Pass
30				3.85	-0.458	-0.0005	-2.5 to 2.5	Pass	
40	3.85	0.501	0.0006	-2.5 to 2.5	Pass				
50	3.85	-0.844	-0.0010	-2.5 to 2.5	Pass				

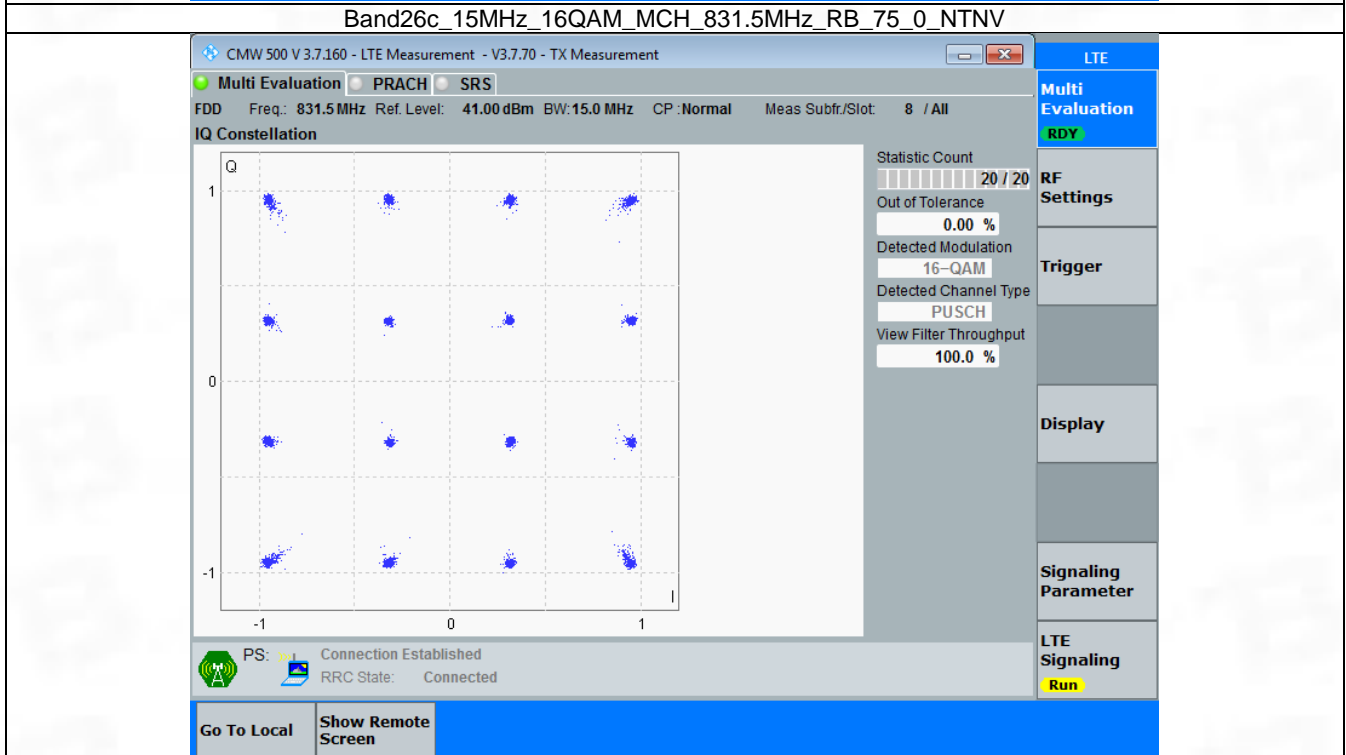
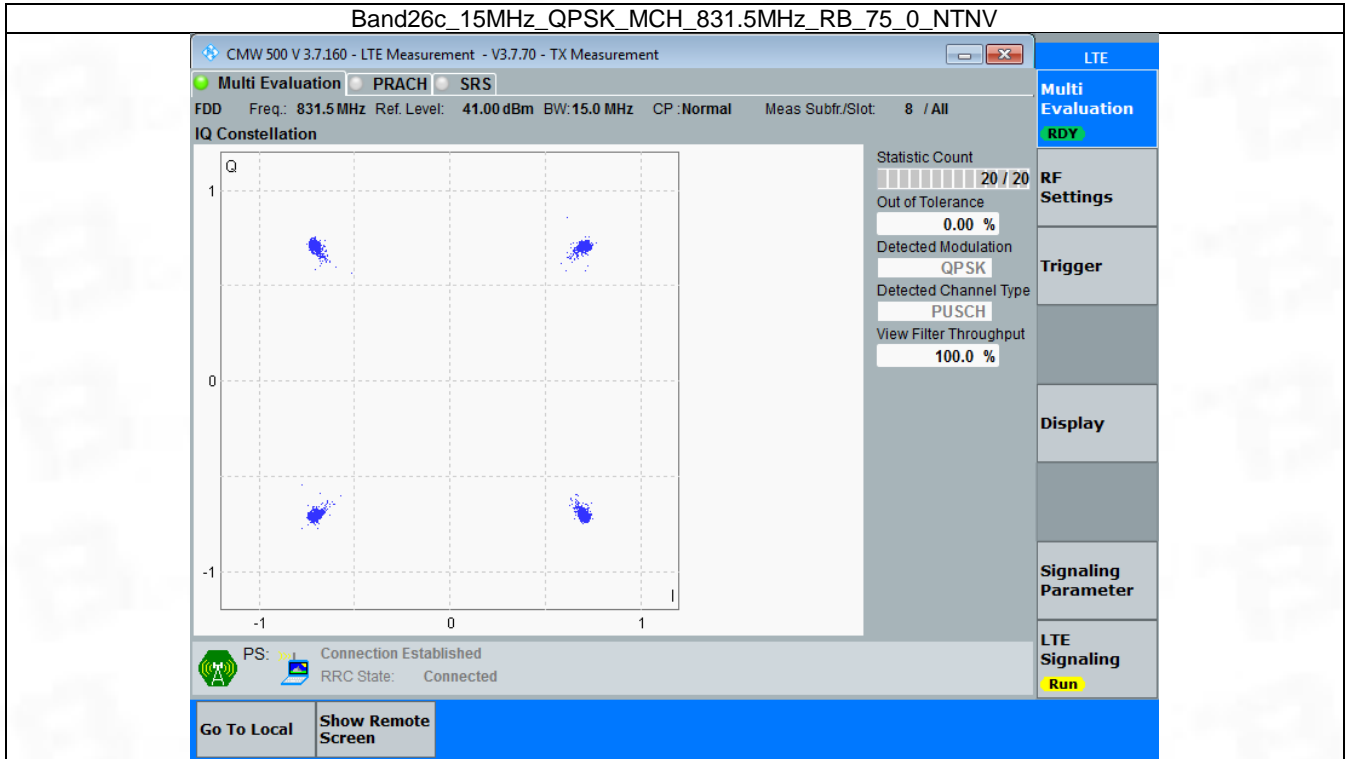
3. Modulation Characteristics

3.1 B26c_15MHz

3.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	75	0	Refer To Test Graph		Pass
16QAM	831.5	75	0	Refer To Test Graph		Pass

3.1.2 Test Graph



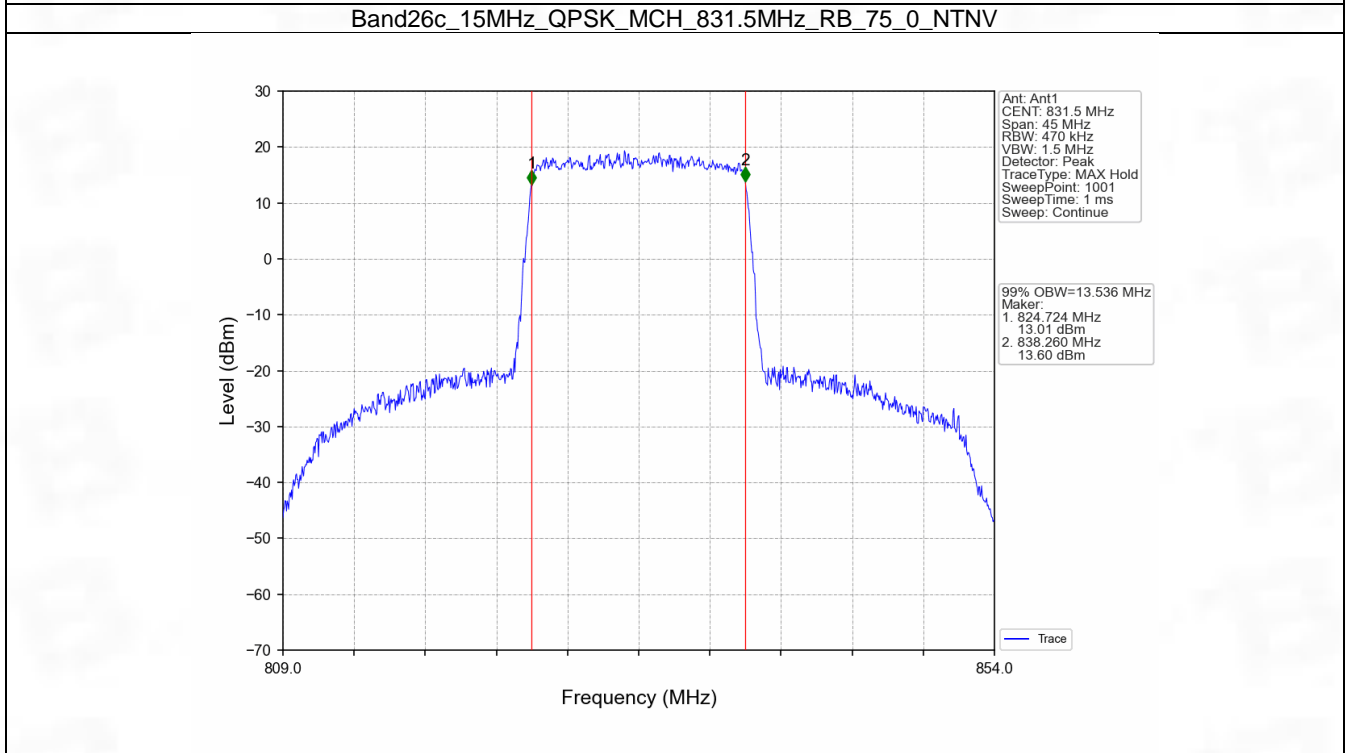
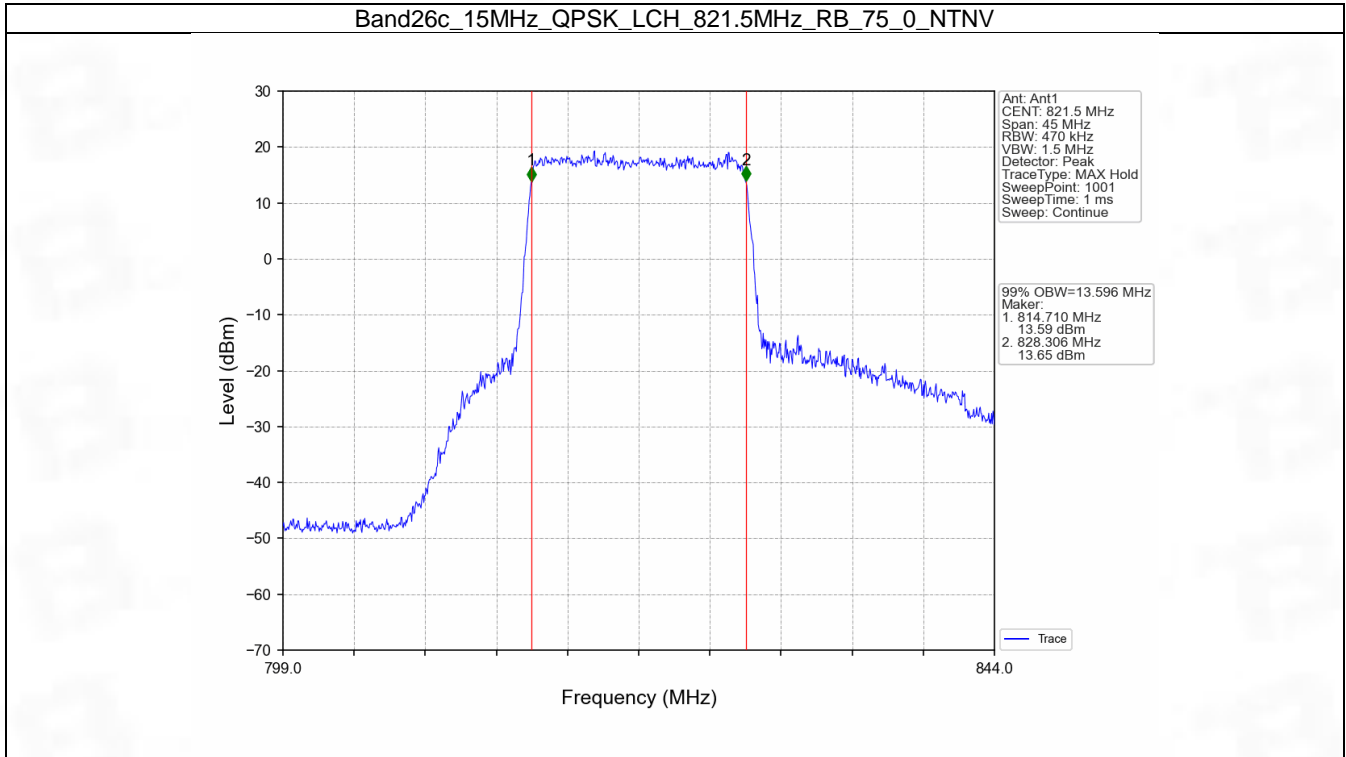
4. 99% & 26dB Bandwidth

4.1 Band26c_OBW

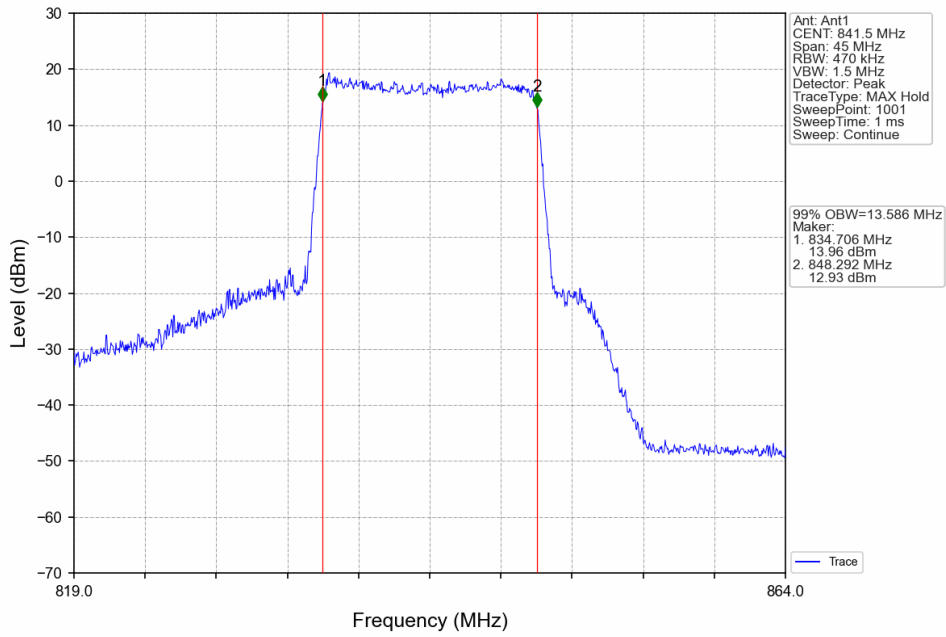
4.1.1 Test Result

Band: 26c / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	13.596	Pass
		831.5	75	0	13.536	Pass
		841.5	75	0	13.586	Pass
	16QAM	821.5	75	0	13.635	Pass
		831.5	75	0	13.529	Pass
		841.5	75	0	13.611	Pass

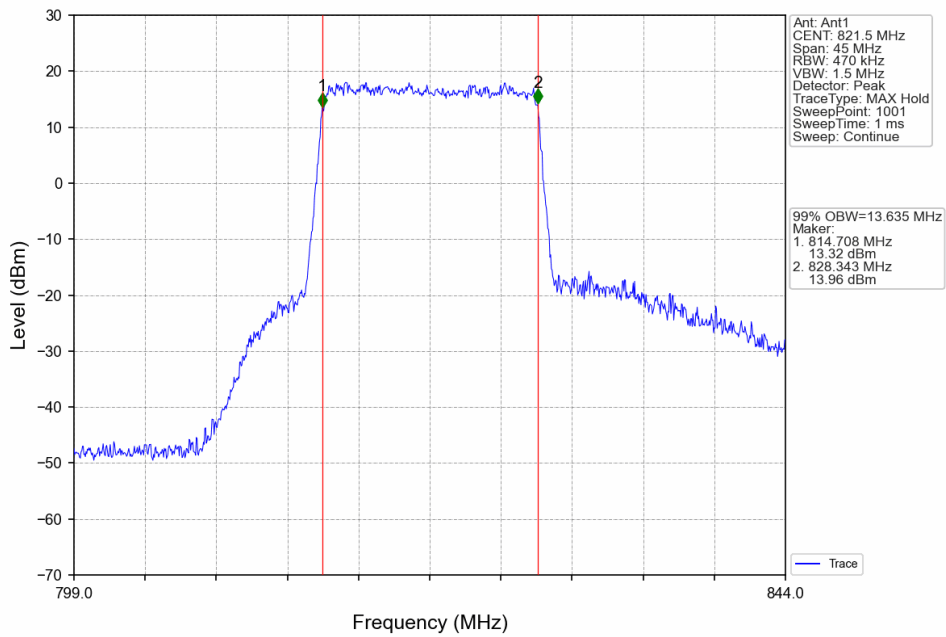
4.1.2 Test Graph



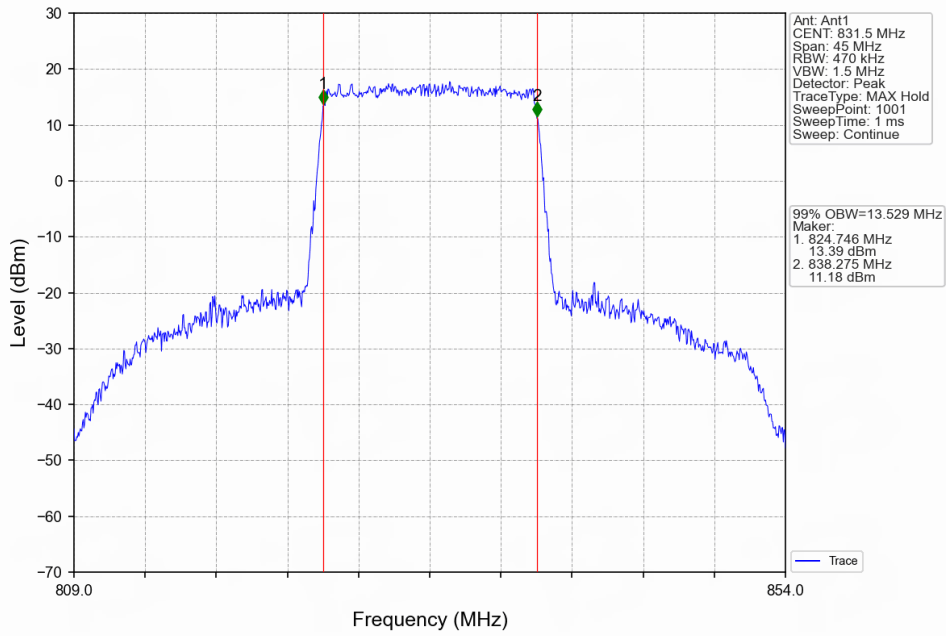
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



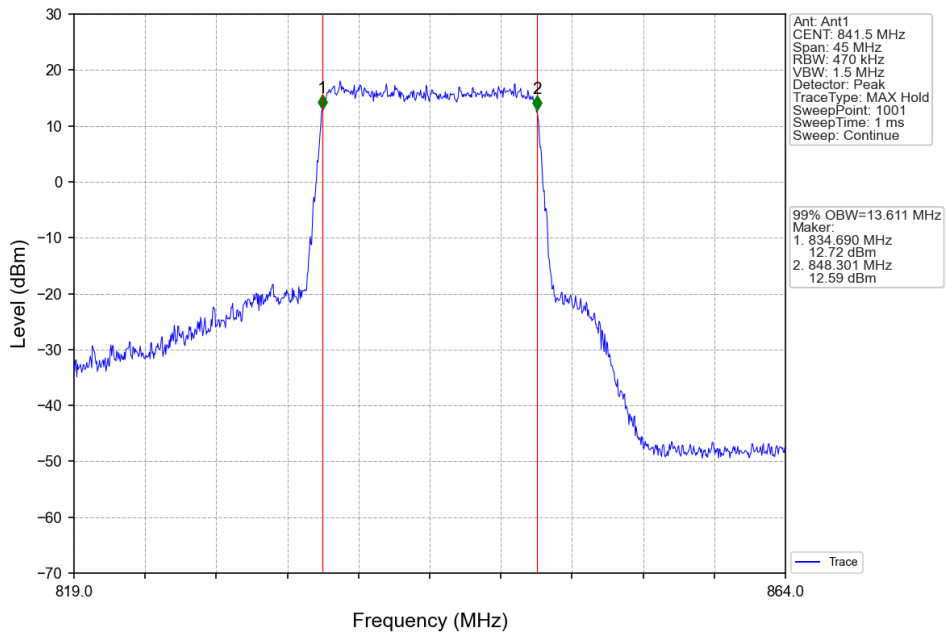
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV

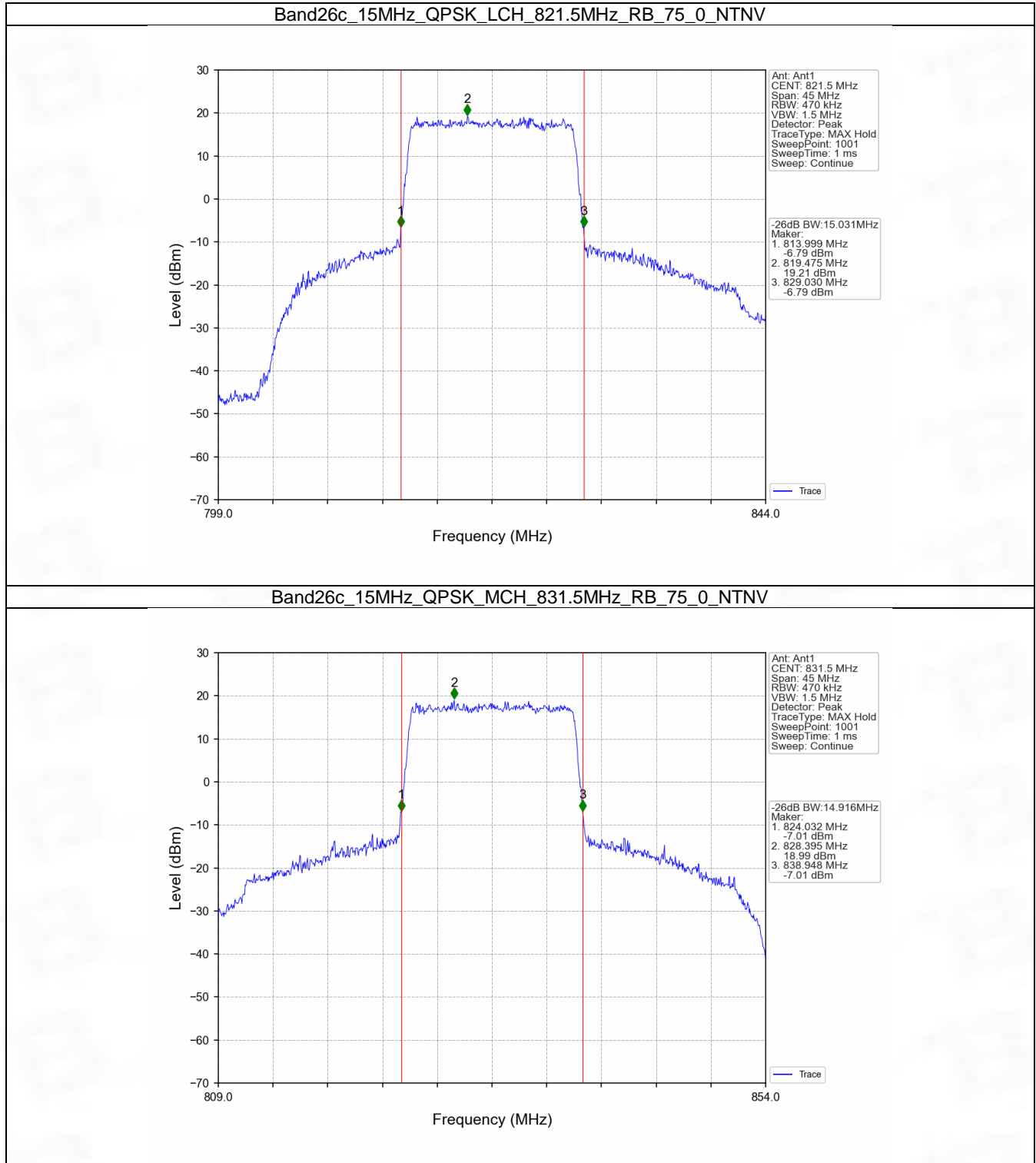


4.2 Band26c_XDB

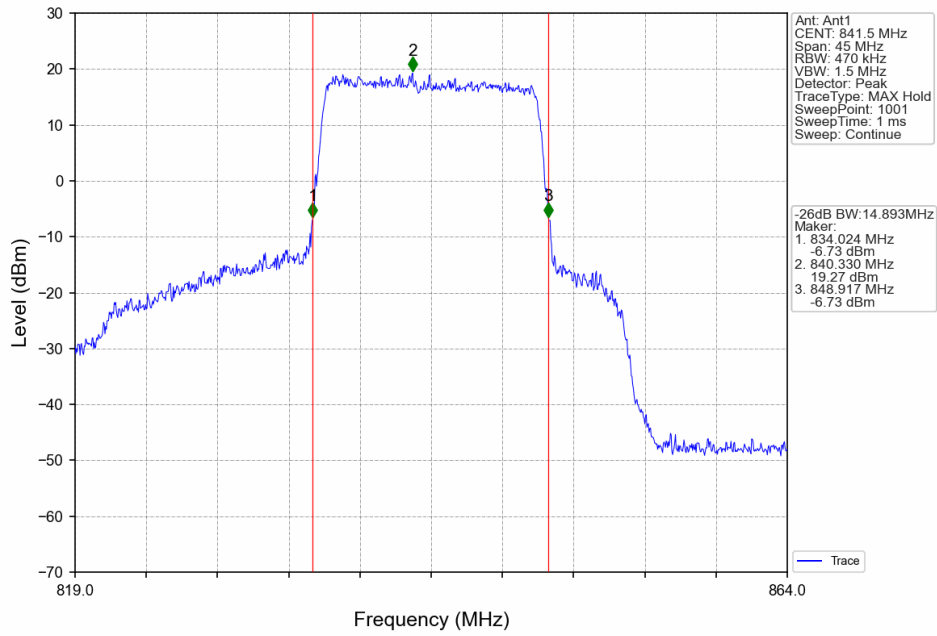
4.2.1 Test Result

Band: 26c / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	15.031	Pass
		831.5	75	0	14.916	Pass
		841.5	75	0	14.893	Pass
	16QAM	821.5	75	0	14.966	Pass
		831.5	75	0	14.897	Pass
		841.5	75	0	14.951	Pass

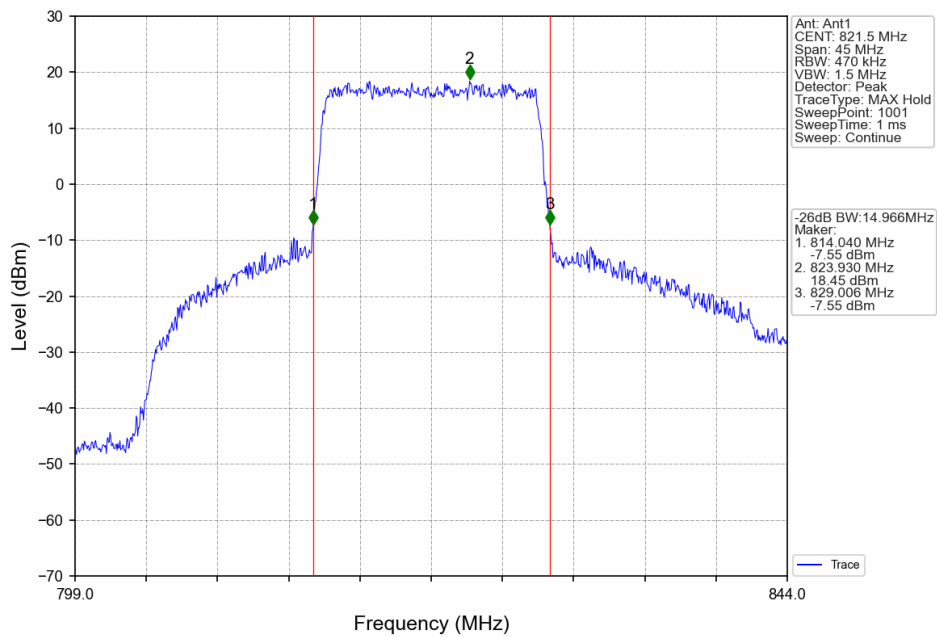
4.2.2 Test Graph



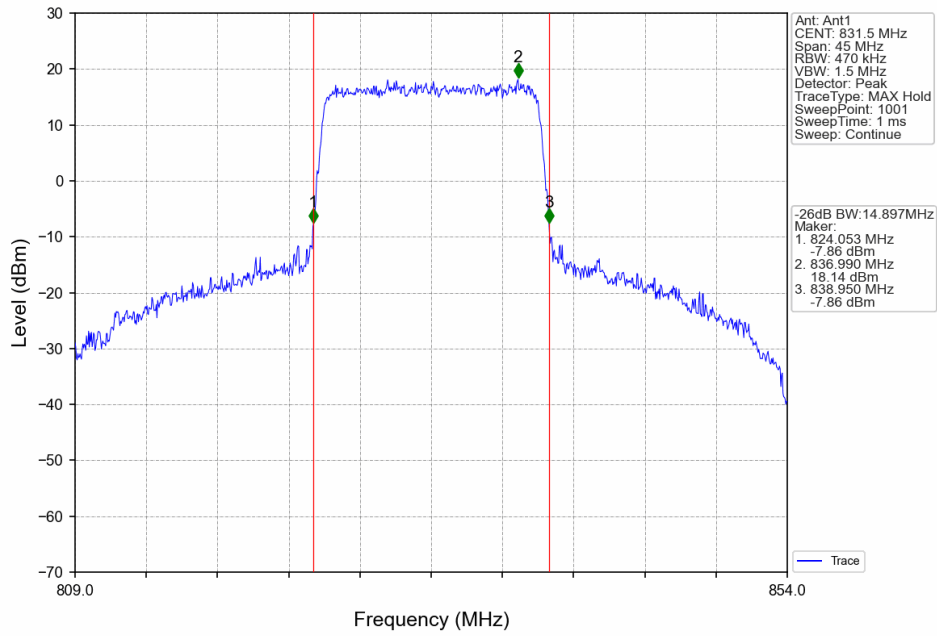
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



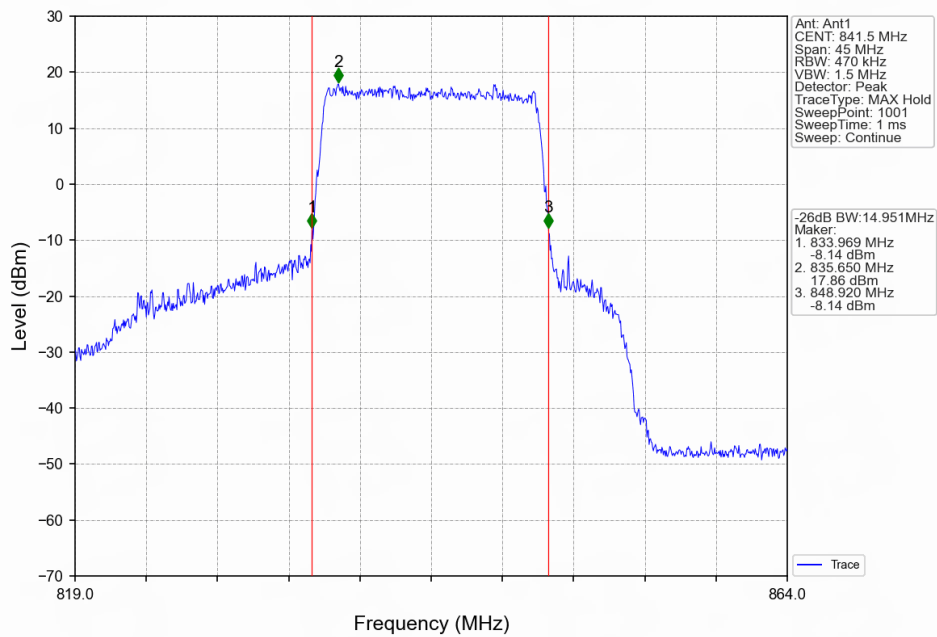
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



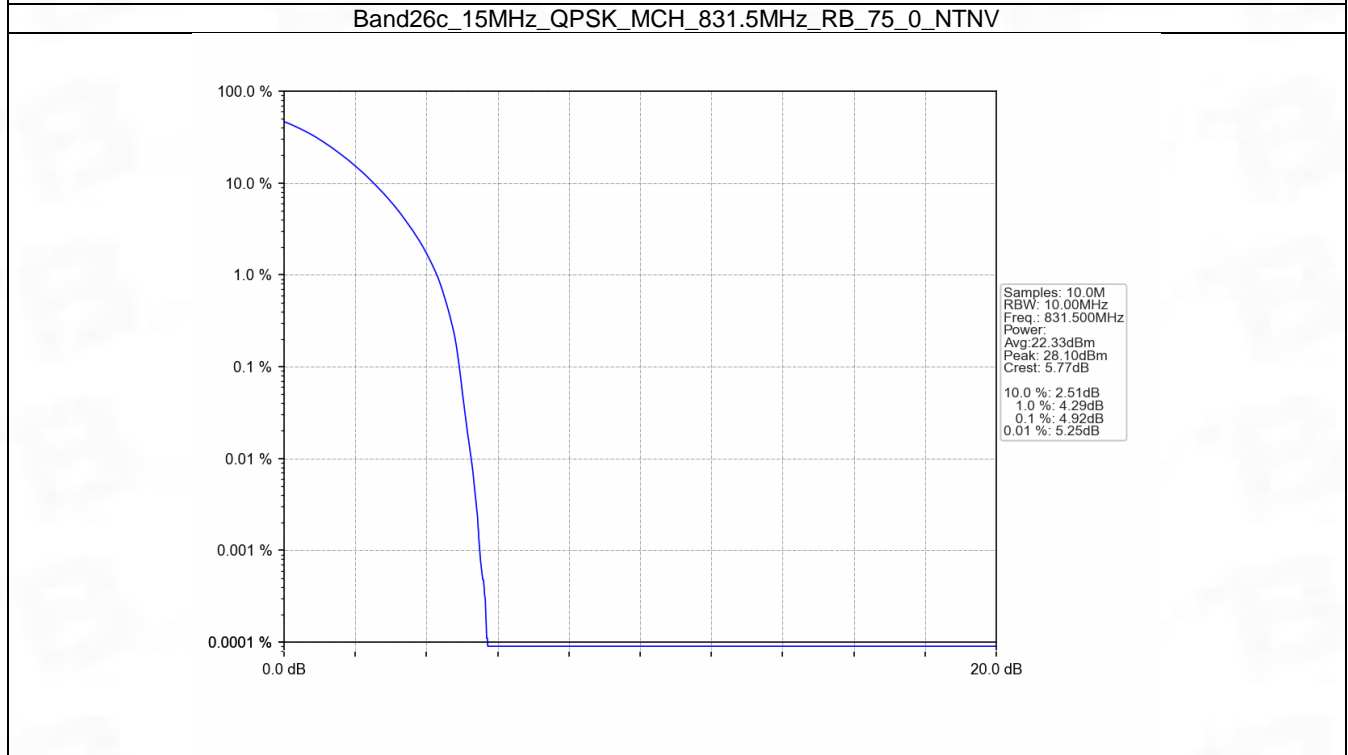
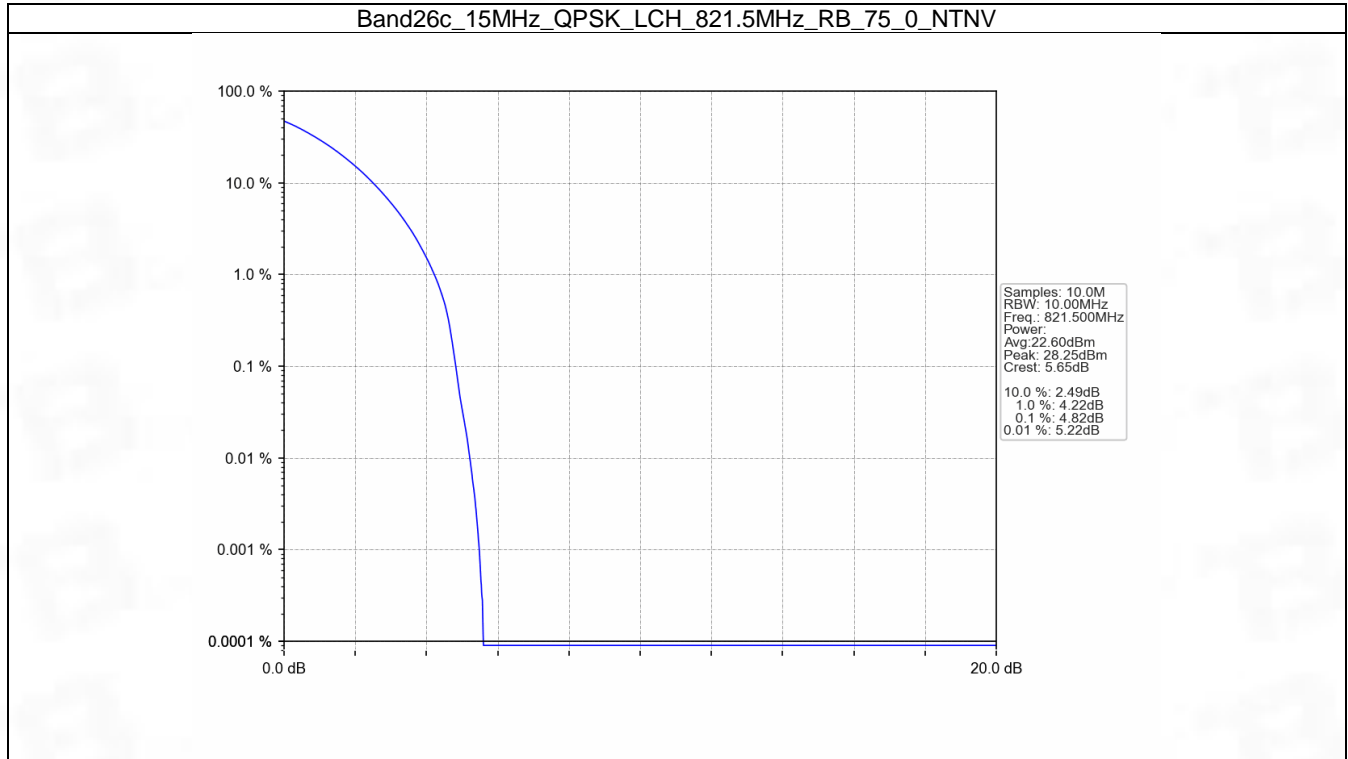
5. Peak-Average Ratio

5.1 B26c_15MHz

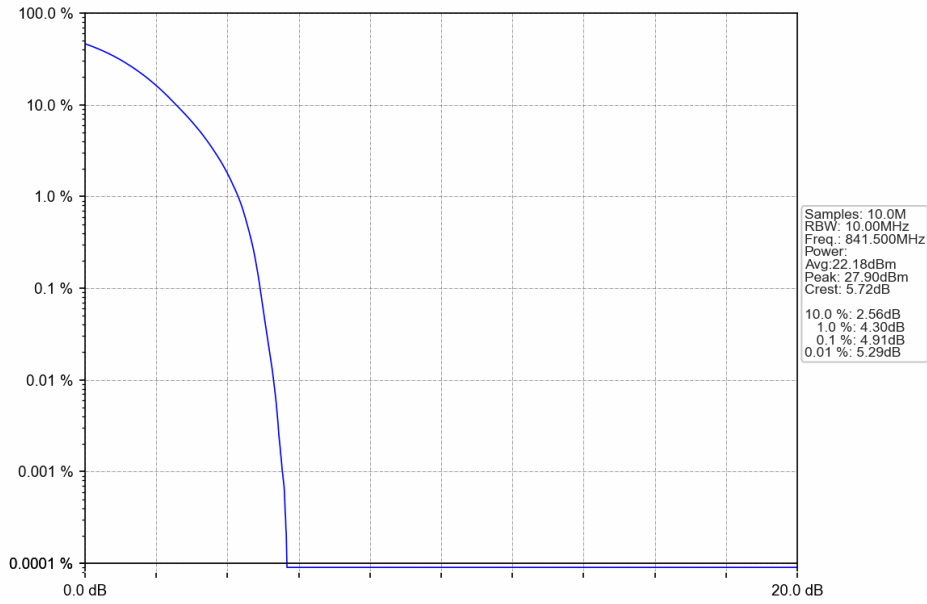
5.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	4.82	<=13	Pass
	831.5	75	0	4.92	<=13	Pass
	841.5	75	0	4.91	<=13	Pass
16QAM	821.5	75	0	5.59	<=13	Pass
	831.5	75	0	5.75	<=13	Pass
	841.5	75	0	5.79	<=13	Pass

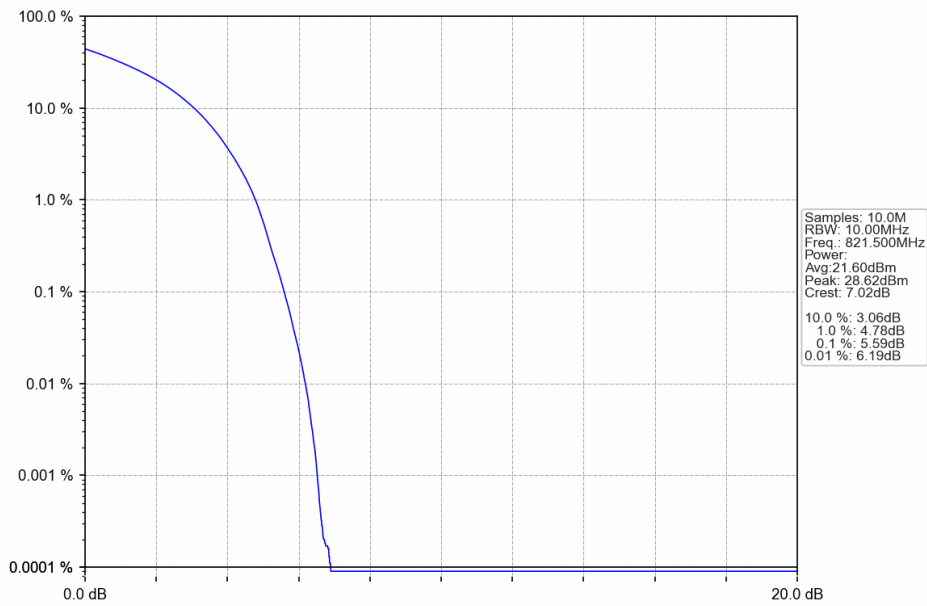
5.1.2 Test Graph



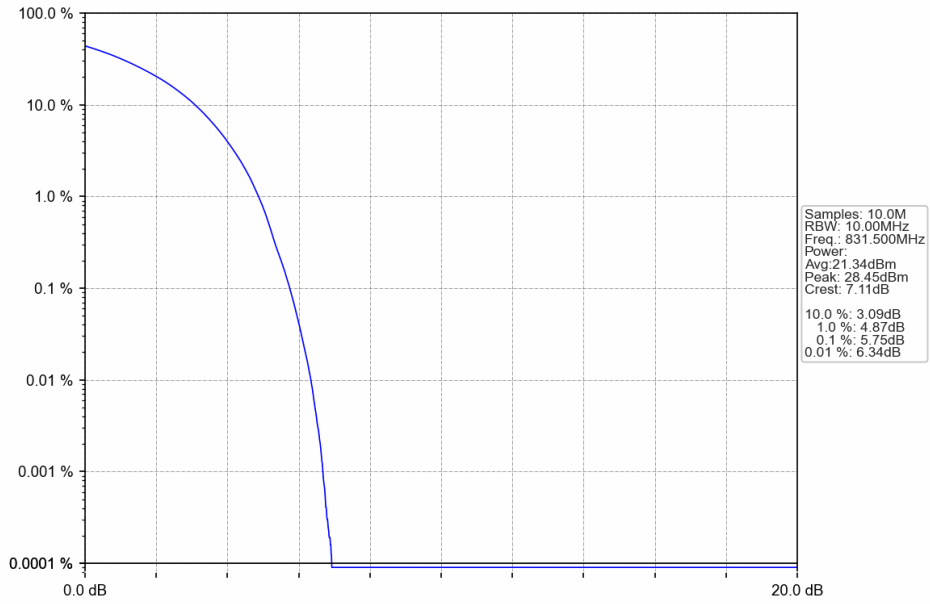
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



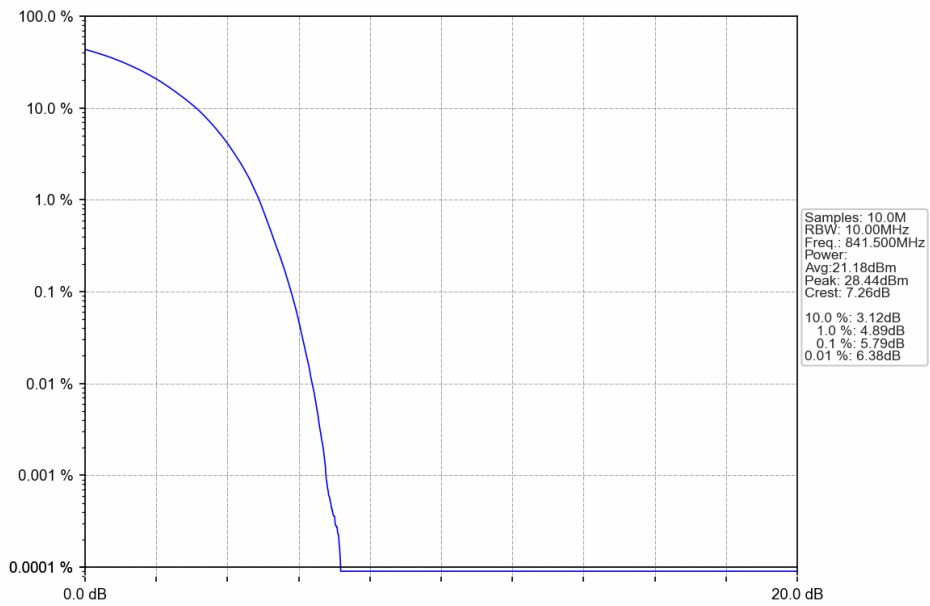
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



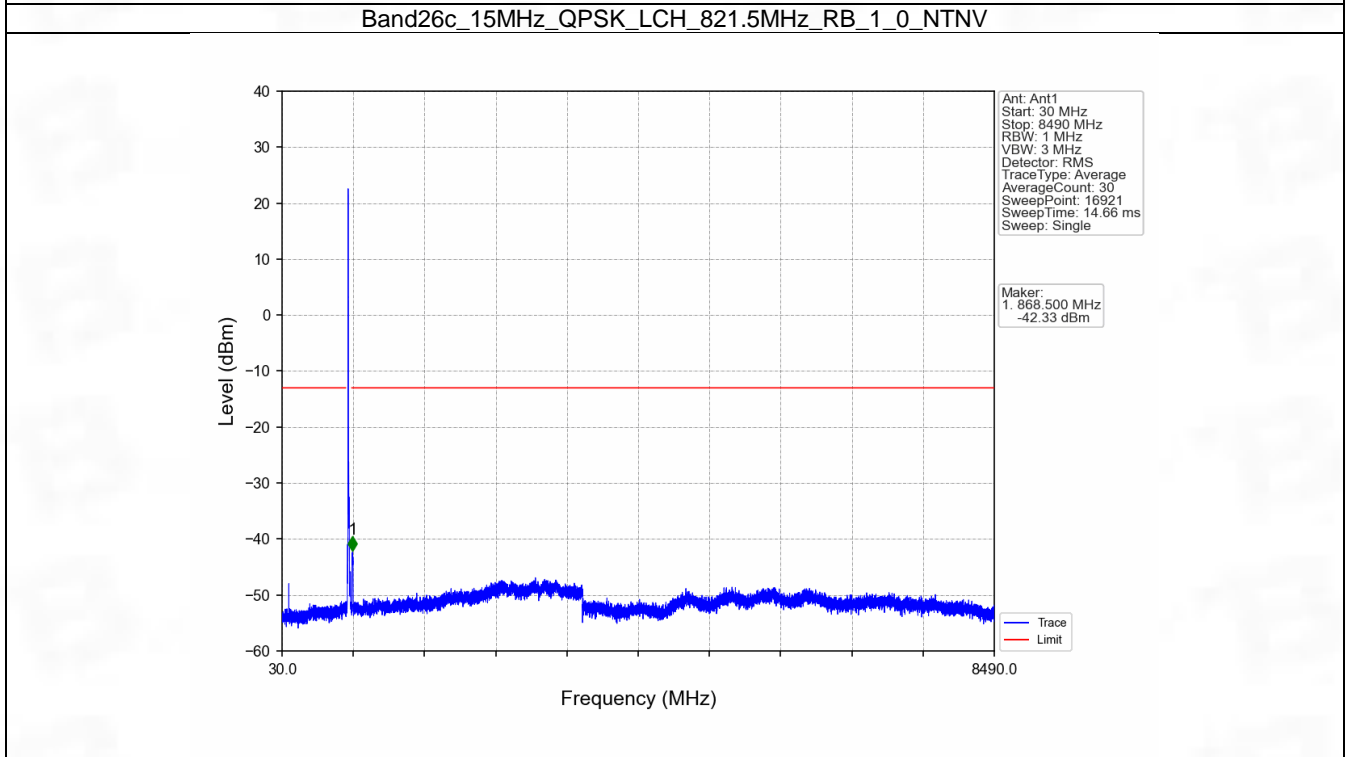
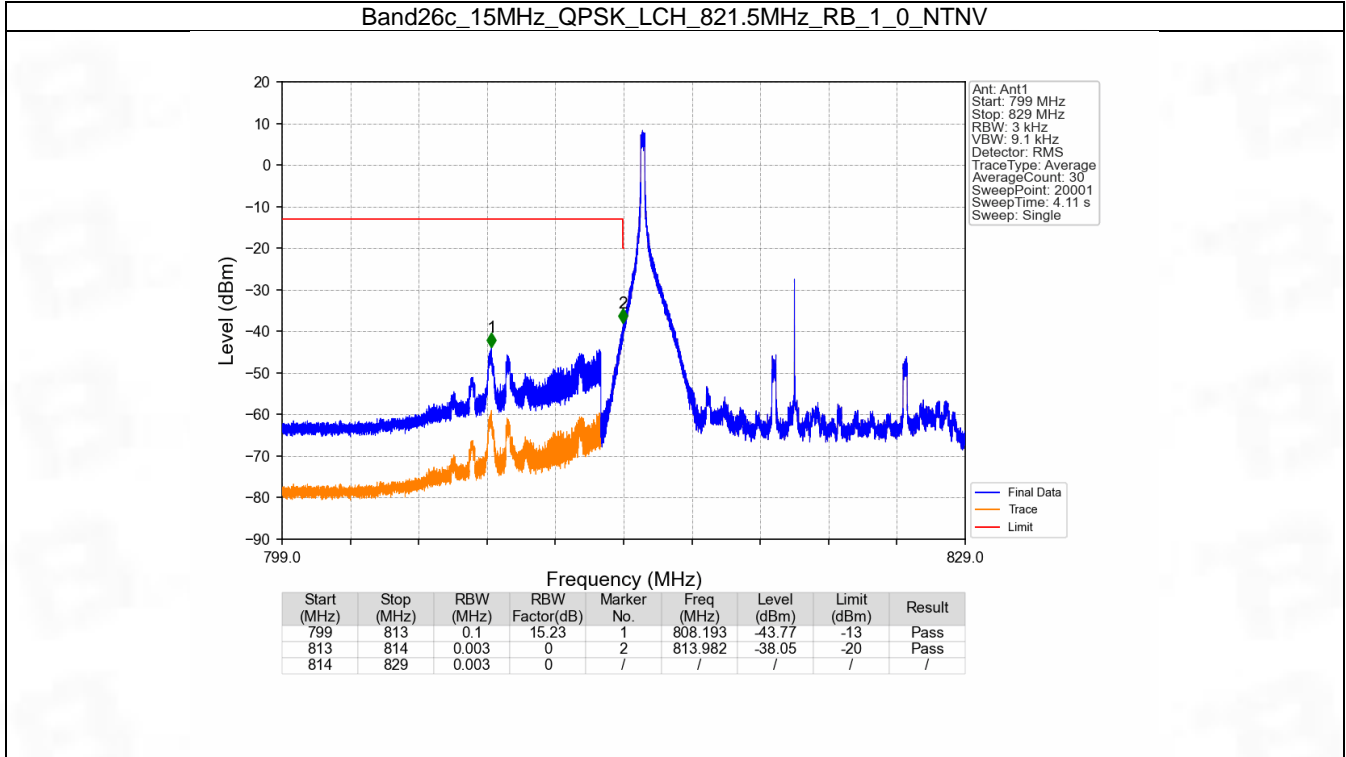
6. Spurious Emission

6.1 B26c_15MHz

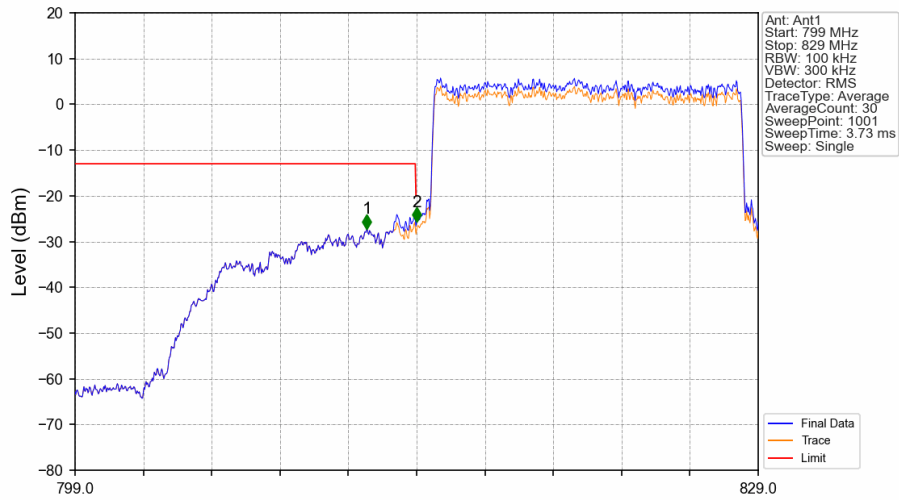
6.1.1 Test Result

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
	841.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	821.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	841.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

6.1.2 Test Graph

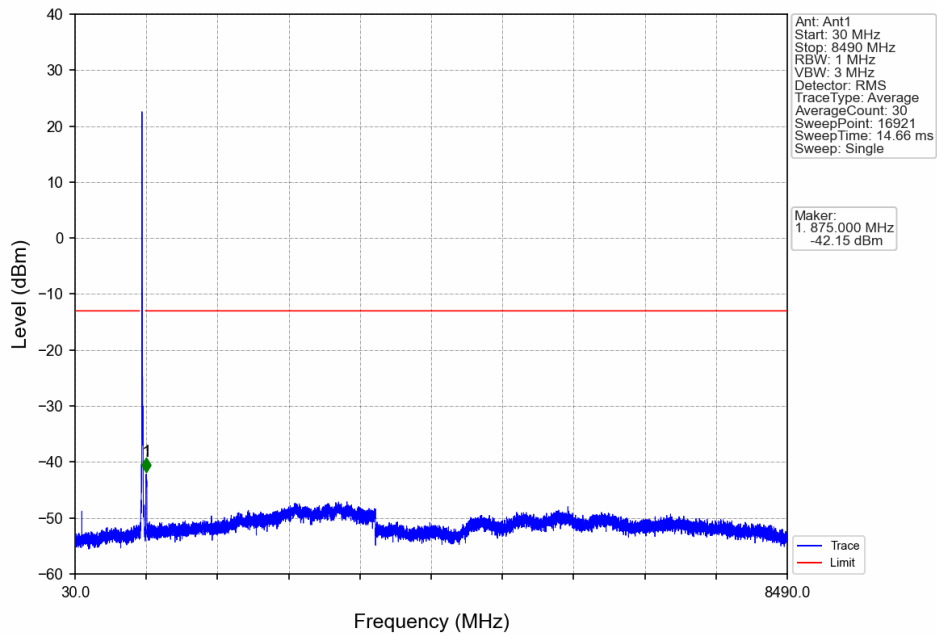


Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	0	1	811.810	-27.20	-13	Pass
813	814	0.15	1.76	2	814.000	-25.69	-20	Pass
814	829	0.15	1.76	/	/	/	/	/

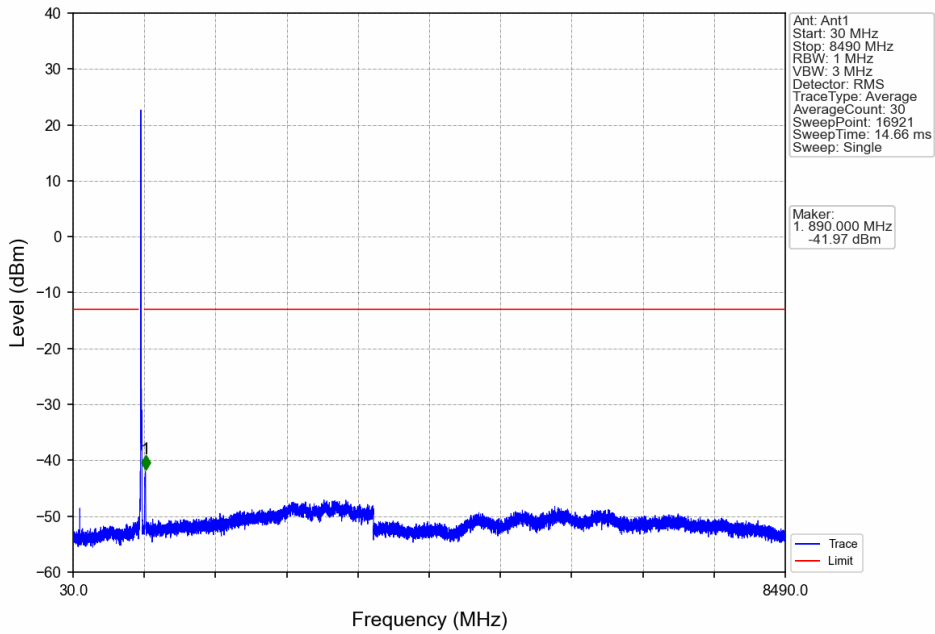
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



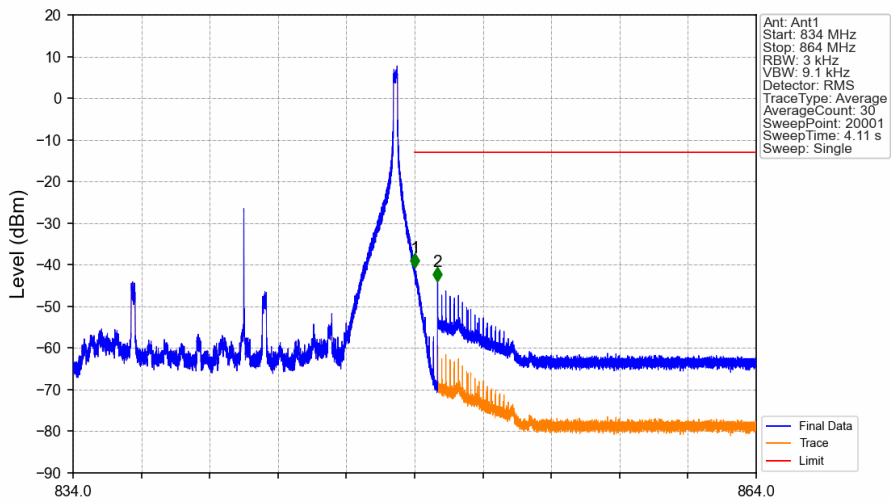
Ant: Ant1
 Start: 30 MHz
 Stop: 8490 MHz
 RBW: 1 MHz
 VBW: 3 MHz
 Detector: RMS
 TraceType: Average
 AverageCount: 30
 SweepPoint: 16921
 SweepTime: 14.66 ms
 Sweep: Single

Marker:
 1. 875.000 MHz
 -42.15 dBm

Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV

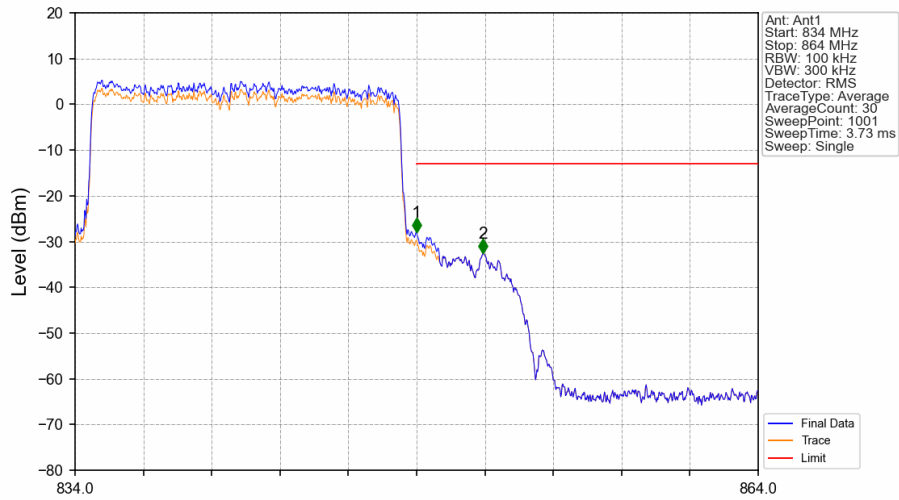


Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_74_NTNV



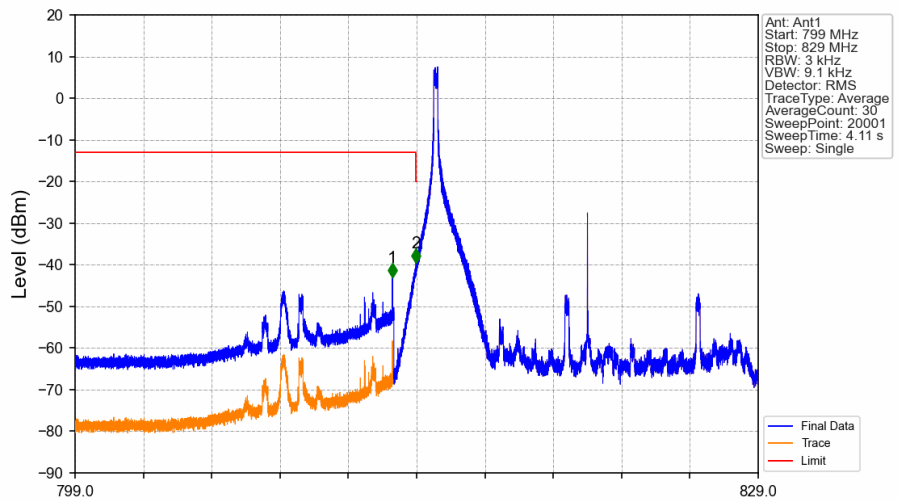
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	0	/	/	/	/	/
849	850	0.003	0	1	849.016	-40.74	-13	Pass
850	864	0.1	15.23	2	850.006	-44.07	-13	Pass

Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



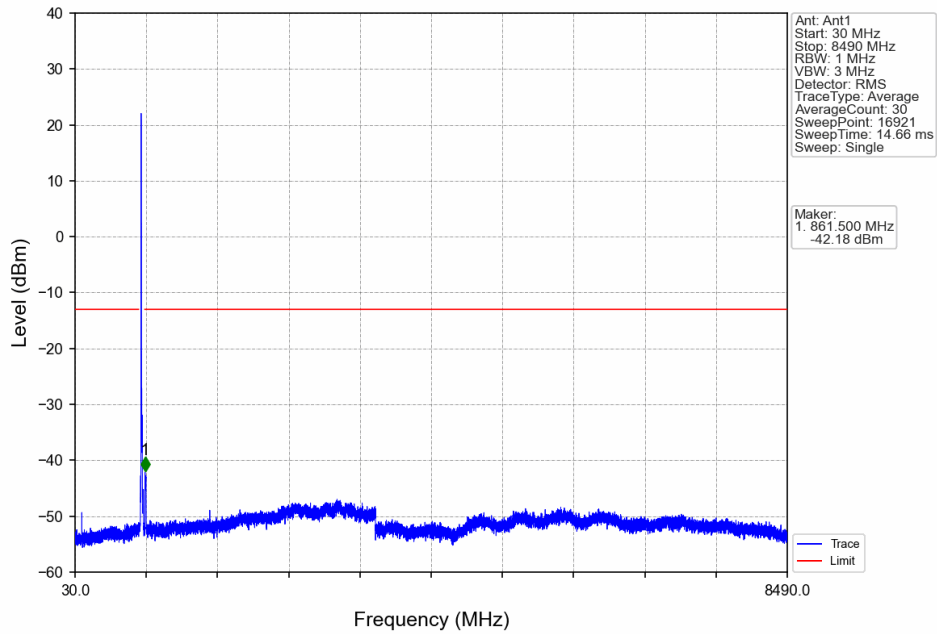
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.15	1.76	/	/	/	/	/
849	850	0.15	1.76	1	849.000	-28.03	-13	Pass
850	864	0.1	0	2	851.910	-32.56	-13	Pass

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

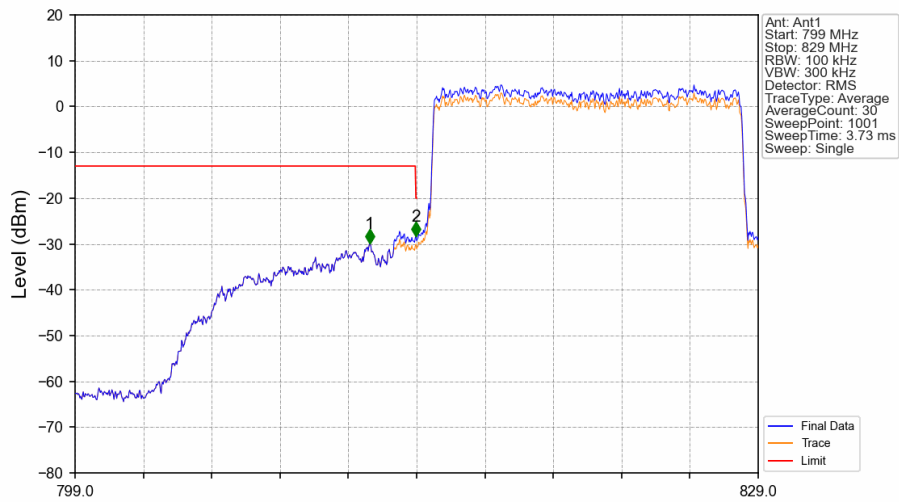


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	15.23	1	812.938	-43.03	-13	Pass
813	814	0.003	0	2	813.971	-39.53	-20	Pass
814	829	0.003	0	/	/	/	/	/

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

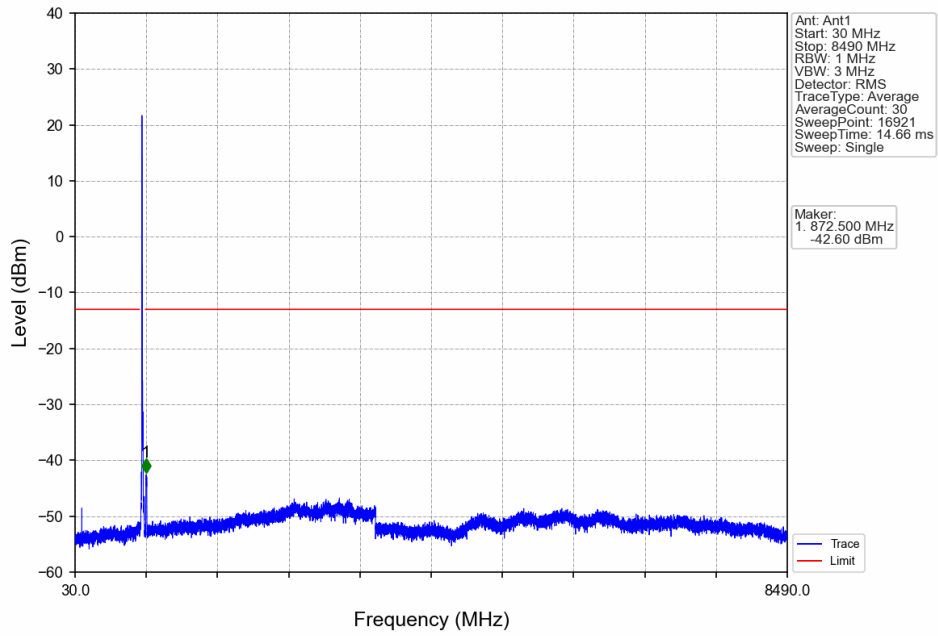


Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV

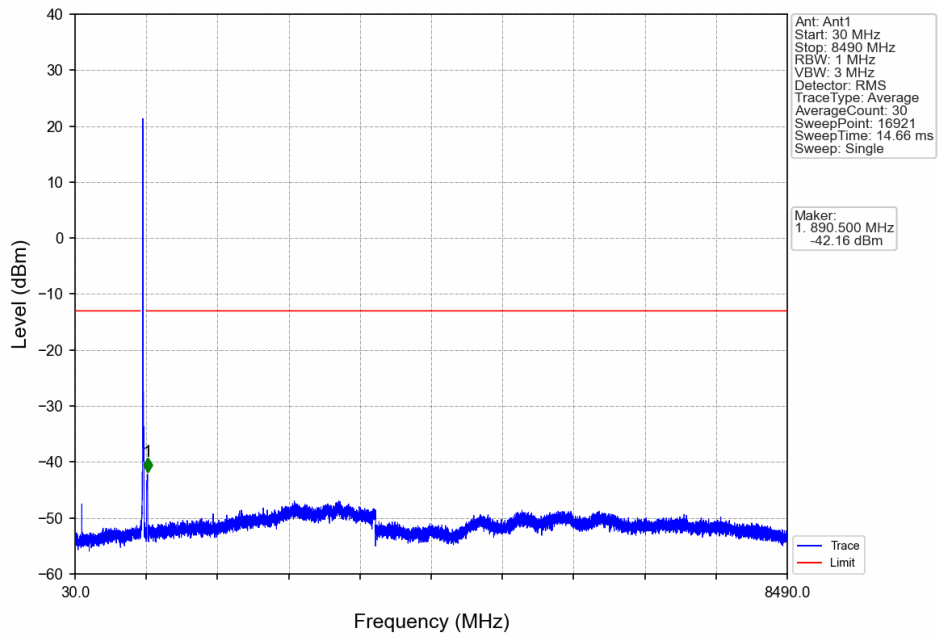


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	0	1	811.930	-29.90	-13	Pass
813	814	0.15	1.76	2	813.970	-28.29	-20	Pass
814	829	0.15	1.76	/	/	/	/	/

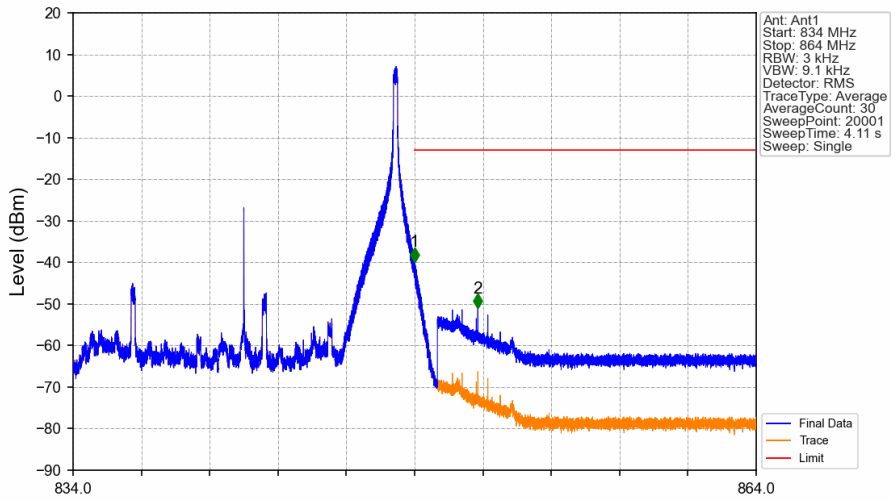
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_0_NTNV

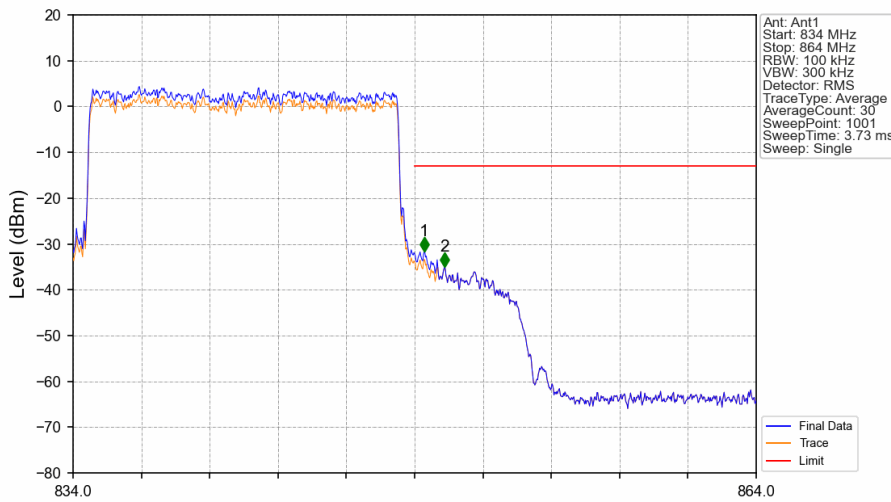


Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	0	/	/	/	/	/
849	850	0.003	0	1	849.000	-39.84	-13	Pass
850	864	0.1	15.23	2	851.777	-51.06	-13	Pass

Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.15	1.76	/	/	/	/	/
849	850	0.15	1.76	1	849.420	-31.59	-13	Pass
850	864	0.1	0	2	850.320	-34.96	-13	Pass

7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
26c	15	821.5	841.5	0.2438	0.0043	ppm	13M6G7D	/	23.87
26c	15	821.5	841.5	0.2094	0.0044	ppm	13M6W7D	/	23.21

7.2 Form731_ERP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
26c	15	821.5	841.5	0.1629	0.0043	ppm	13M6G7D	/	22.12
26c	15	821.5	841.5	0.1399	0.0044	ppm	13M6W7D	/	21.46