1. Effective (Isotropic) Radiated Power Output Data

1.1 B26c_15MHz_ERP

1.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	821.5	1	0	21.51	0.45	19.81	<=38.45	Pass
			38	21.43	0.45	19.73	<=38.45	Pass
			74	21.47	0.45	19.77	<=38.45	Pass
		36	0	21.49	0.45	19.79	<=38.45	Pass
			18	21.62	0.45	19.92	<=38.45	Pass
			39	21.48	0.45	19.78	<=38.45	Pass
		75	0	21.46	0.45	19.76	<=38.45	Pass
	831.5	1	0	21.53	0.45	19.83	<=38.45	Pass
			38	21.51	0.45	19.81	<=38.45	Pass
			74	21.49	0.45	19.79	<=38.45	Pass
		36	0	21.49	0.45	19.79	<=38.45	Pass
			18	21.51	0.45	19.81	<=38.45	Pass
			39	21.50	0.45	19.80	<=38.45	Pass
		75	0	21.50	0.45	19.80	<=38.45	Pass
	841.5	1	0	21.50	0.45	19.80	<=38.45	Pass
			38	21.49	0.45	19.79	<=38.45	Pass
			74	21.57	0.45	19.87	<=38.45	Pass
		36	0	21.57	0.45	19.87	<=38.45	Pass
			18	21.57	0.45	19.87	<=38.45	Pass
			39	21.57	0.45	19.87	<=38.45	Pass
		75	0	21.56	0.45	19.86	<=38.45	Pass
16QAM	821.5	1	0	21.44	0.45	19.74	<=38.45	Pass
			38	21.42	0.45	19.72	<=38.45	Pass
			74	21.42	0.45	19.72	<=38.45	Pass
		36	0	21.58	0.45	19.88	<=38.45	Pass
			18	21.57	0.45	19.87	<=38.45	Pass
			39	21.56	0.45	19.86	<=38.45	Pass
		75	0	21.55	0.45	19.85	<=38.45	Pass
	831.5	1	0	21.50	0.45	19.80	<=38.45	Pass
			38	21.49	0.45	19.79	<=38.45	Pass
			74	21.50	0.45	19.80	<=38.45	Pass
		36	0	21.52	0.45	19.82	<=38.45	Pass
			18	21.52	0.45	19.82	<=38.45	Pass
			39	21.61	0.45	19.91	<=38.45	Pass
		75	0	21.60	0.45	19.90	<=38.45	Pass
	841.5	1	0	21.56	0.45	19.86	<=38.45	Pass
			38	21.55	0.45	19.85	<=38.45	Pass
			74	21.55	0.45	19.85	<=38.45	Pass
		36	0	21.55	0.45	19.85	<=38.45	Pass
			18	21.55	0.45	19.85	<=38.45	Pass
			39	21.54	0.45	19.84	<=38.45	Pass
		75	0	21.54	0.45	19.84	<=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	-3.848	-0.0047	-2.5 to 2.5	Pass
					3.85	-21.901	-0.0267	-2.5 to 2.5	Pass
					4.43	-25.992	-0.0316	-2.5 to 2.5	Pass
				-30	3.85	-30.956	-0.0377	-2.5 to 2.5	Pass
				-20	3.85	-20.871	-0.0254	-2.5 to 2.5	Pass
				-10	3.85	-6.280	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-34.790	-0.0423	-2.5 to 2.5	Pass
				10	3.85	-12.546	-0.0153	-2.5 to 2.5	Pass
				30	3.85	-35.291	-0.0430	-2.5 to 2.5	Pass
				40	3.85	-6.480	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-24.047	-0.0293	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	11.544	0.0139	-2.5 to 2.5	Pass
					3.85	12.360	0.0149	-2.5 to 2.5	Pass
					4.43	4.849	0.0058	-2.5 to 2.5	Pass
				-30	3.85	-2.847	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-9.456	-0.0114	-2.5 to 2.5	Pass
				-10	3.85	-16.823	-0.0202	-2.5 to 2.5	Pass
				0	3.85	-23.932	-0.0288	-2.5 to 2.5	Pass
				10	3.85	-29.869	-0.0359	-2.5 to 2.5	Pass
				30	3.85	-30.684	-0.0369	-2.5 to 2.5	Pass
				40	3.85	-30.255	-0.0364	-2.5 to 2.5	Pass
				50	3.85	-34.046	-0.0409	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	11.230	0.0133	-2.5 to 2.5	Pass
					3.85	7.367	0.0088	-2.5 to 2.5	Pass
					4.43	-9.227	-0.0110	-2.5 to 2.5	Pass
				-30	3.85	-22.459	-0.0267	-2.5 to 2.5	Pass
				-20	3.85	-34.933	-0.0415	-2.5 to 2.5	Pass
				-10	3.85	-43.559	-0.0518	-2.5 to 2.5	Pass
				0	3.85	0.687	0.0008	-2.5 to 2.5	Pass
				10	3.85	-8.097	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-15.936	-0.0189	-2.5 to 2.5	Pass
				40	3.85	-23.389	-0.0278	-2.5 to 2.5	Pass
				50	3.85	-30.670	-0.0364	-2.5 to 2.5	Pass
16QAM	821.5	75	0	20	3.27	-40.812	-0.0497	-2.5 to 2.5	Pass
					3.85	-43.359	-0.0528	-2.5 to 2.5	Pass
					4.43	-14.949	-0.0182	-2.5 to 2.5	Pass
				-30	3.85	0.715	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-4.349	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-10.042	-0.0122	-2.5 to 2.5	Pass
				0	3.85	-15.864	-0.0193	-2.5 to 2.5	Pass
				10	3.85	-20.614	-0.0251	-2.5 to 2.5	Pass
				30	3.85	-22.244	-0.0271	-2.5 to 2.5	Pass
				40	3.85	-28.567	-0.0348	-2.5 to 2.5	Pass
				50	3.85	-31.657	-0.0385	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-39.225	-0.0472	-2.5 to 2.5	Pass
					3.85	-34.933	-0.0420	-2.5 to 2.5	Pass
					4.43	-30.928	-0.0372	-2.5 to 2.5	Pass
				-30	3.85	-27.781	-0.0334	-2.5 to 2.5	Pass
				-20	3.85	-27.351	-0.0329	-2.5 to 2.5	Pass

				-10	3.85	-26.693	-0.0321	-2.5 to 2.5	Pass
				0	3.85	-24.033	-0.0289	-2.5 to 2.5	Pass
				10	3.85	-21.844	-0.0263	-2.5 to 2.5	Pass
				30	3.85	-20.199	-0.0243	-2.5 to 2.5	Pass
				40	3.85	-17.724	-0.0213	-2.5 to 2.5	Pass
				50	3.85	-16.465	-0.0198	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-35.806	-0.0426	-2.5 to 2.5	Pass
					3.85	-30.327	-0.0360	-2.5 to 2.5	Pass
					4.43	-23.046	-0.0274	-2.5 to 2.5	Pass
				-30	3.85	-18.511	-0.0220	-2.5 to 2.5	Pass
				-20	3.85	-15.807	-0.0188	-2.5 to 2.5	Pass
				-10	3.85	-13.618	-0.0162	-2.5 to 2.5	Pass
				0	3.85	-12.174	-0.0145	-2.5 to 2.5	Pass
				10	3.85	-9.685	-0.0115	-2.5 to 2.5	Pass
				30	3.85	-7.854	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-3.834	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-2.704	-0.0032	-2.5 to 2.5	Pass

3. Modulation Characteristics

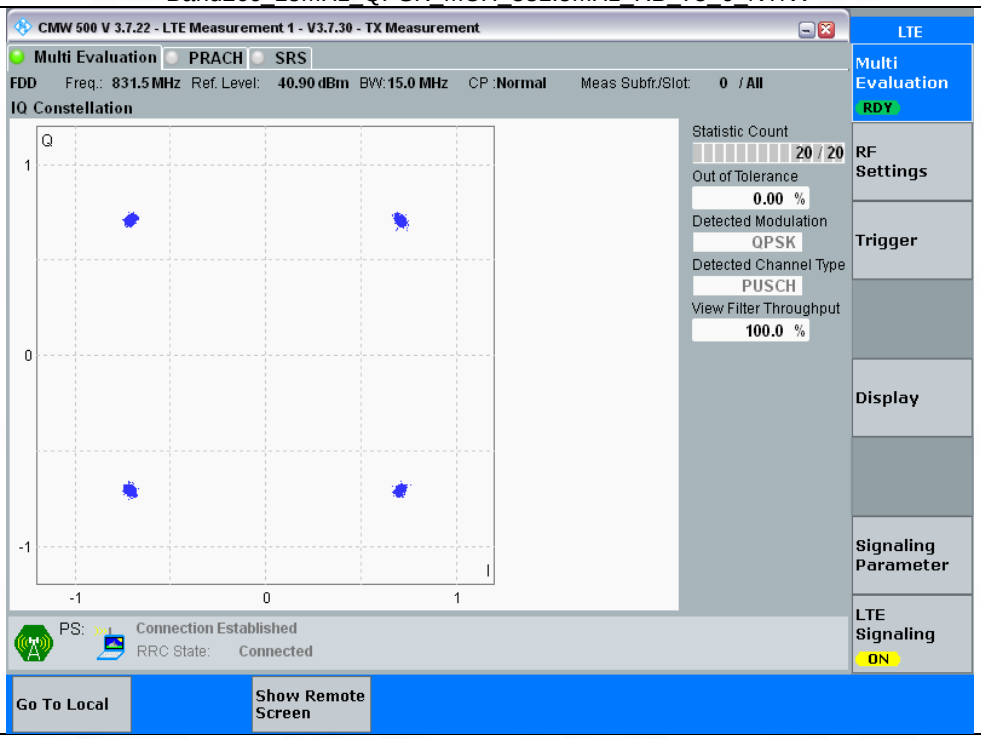
3.1 B26c_15MHz

3.1.1 Test Result

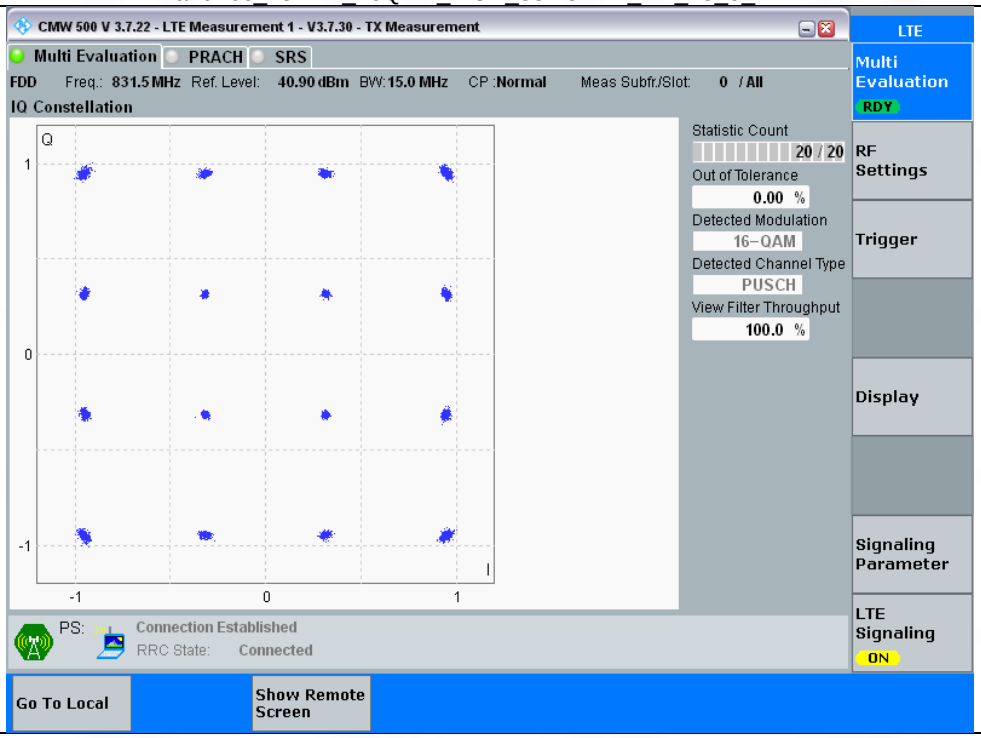
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	75	0	Refer To Test Graph		Pass
16QAM	831.5	75	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



4. 99% & 26dB Bandwidth

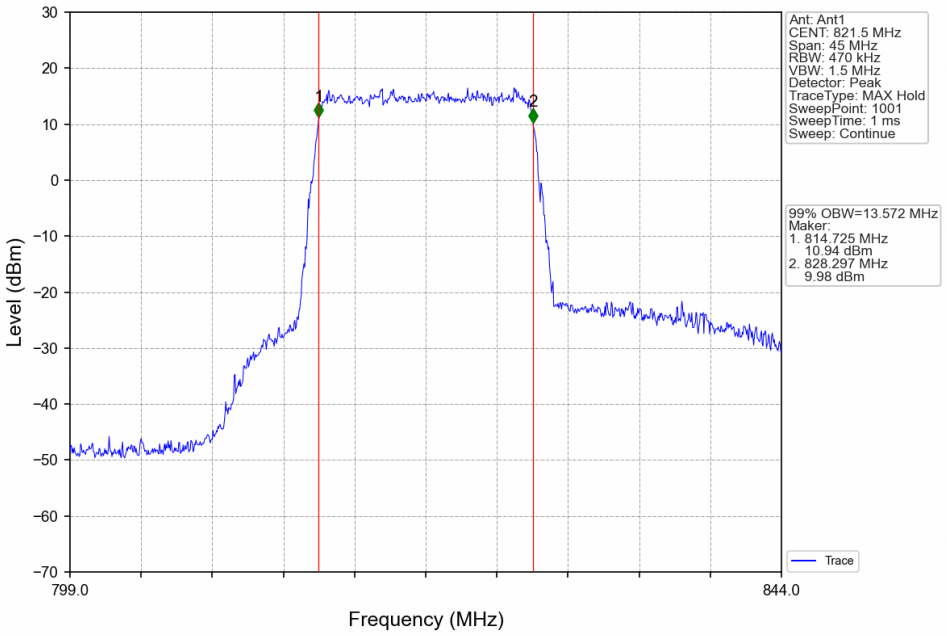
4.1 Band26c_OBW

4.1.1 Test Result

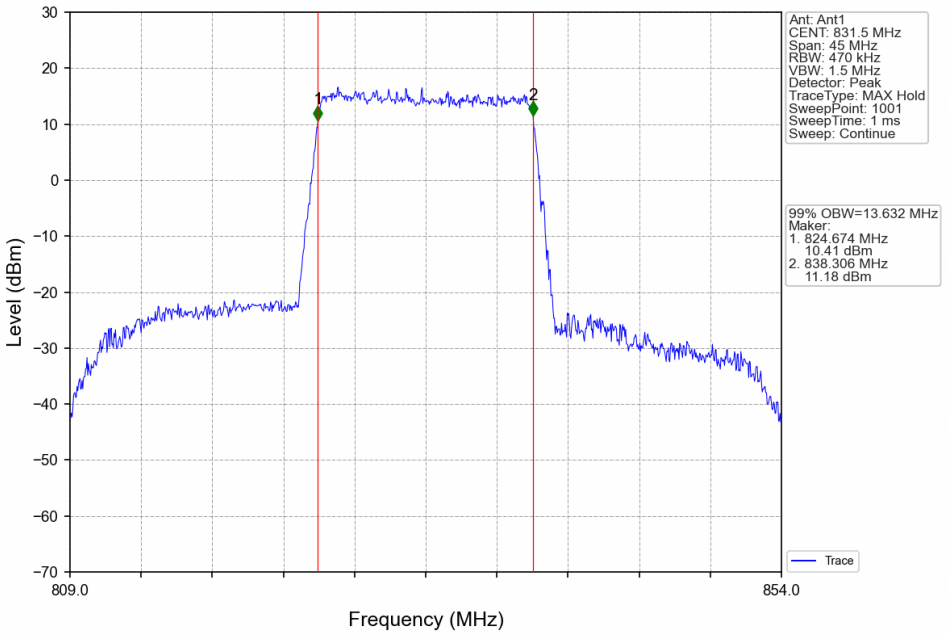
Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	13.572	/	Pass
		831.5	75	0	13.632	/	Pass
		841.5	75	0	13.582	/	Pass
	16QAM	821.5	75	0	13.608	/	Pass
		831.5	75	0	13.627	/	Pass
		841.5	75	0	13.599	/	Pass

4.1.2 Test Graph

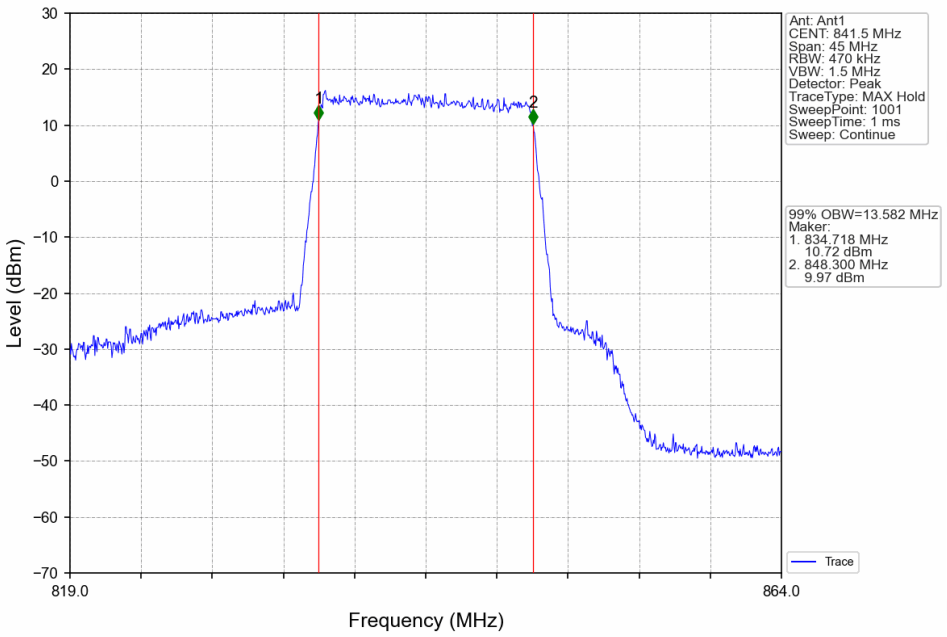
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



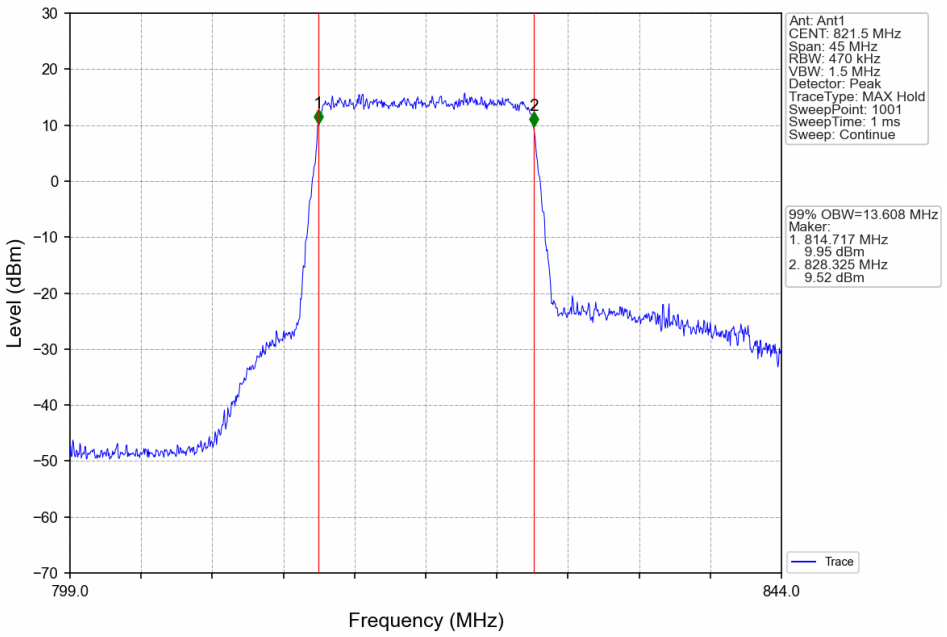
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



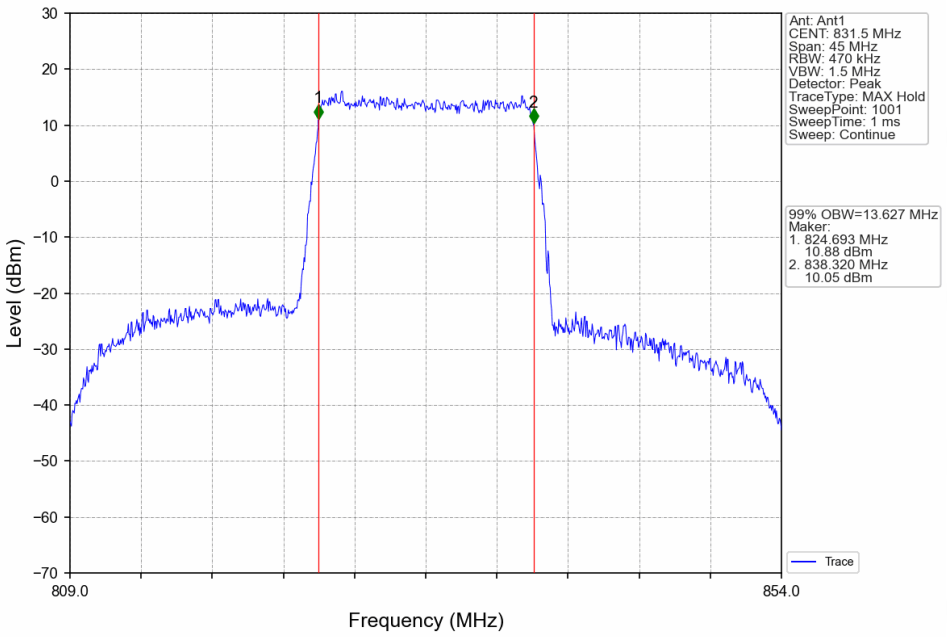
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



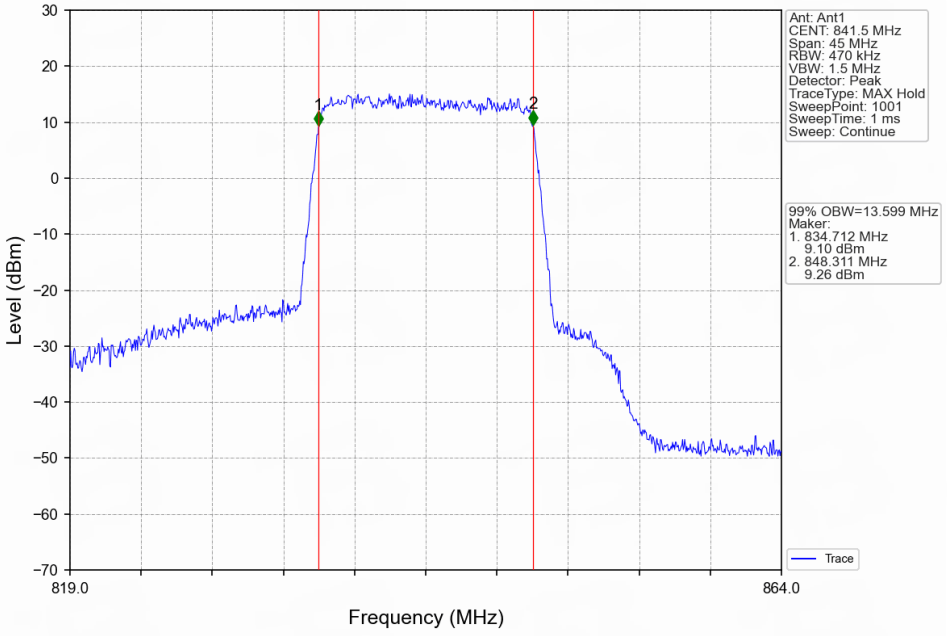
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



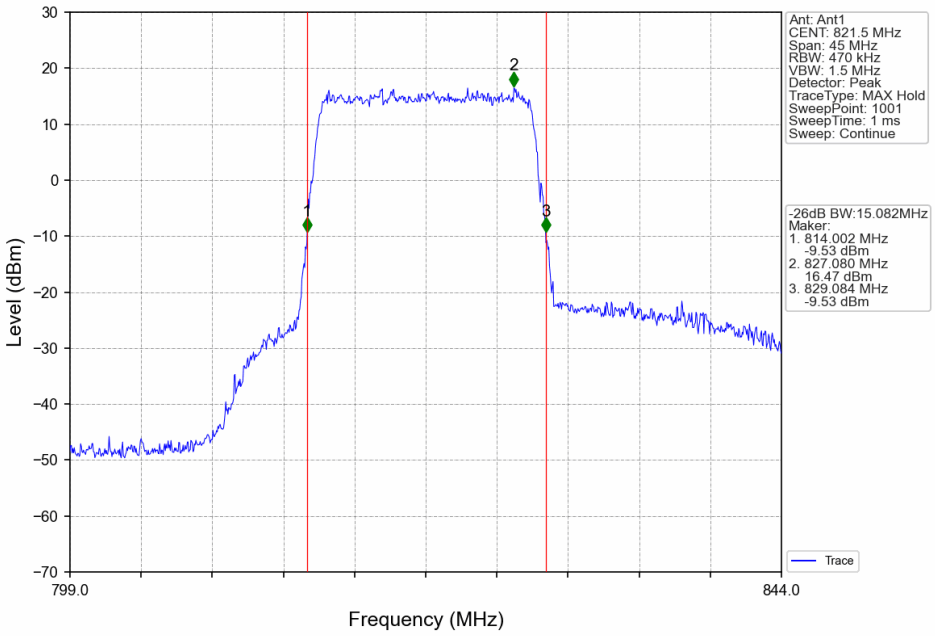
4.2 Band26c_XDB

4.2.1 Test Result

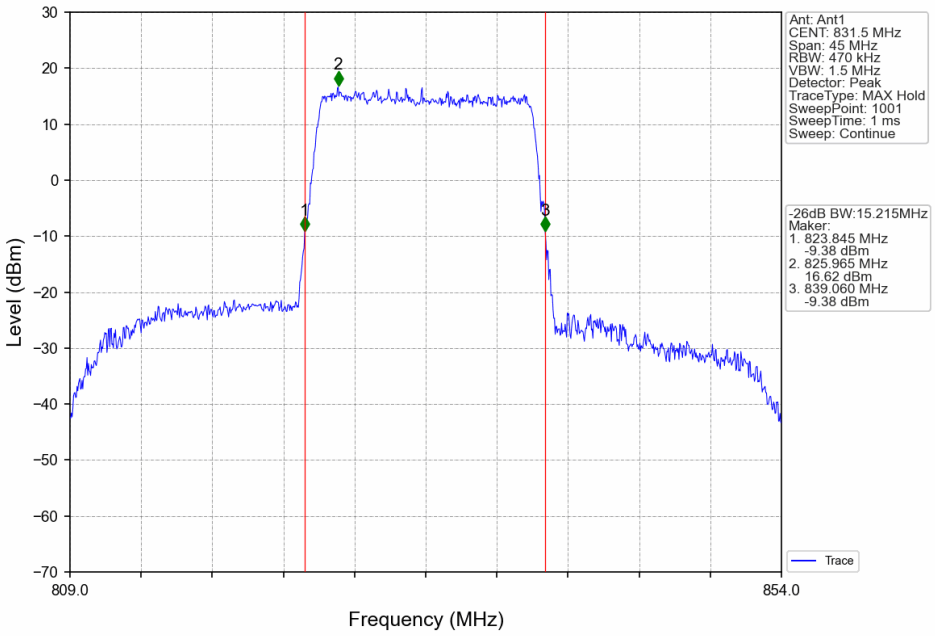
Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	15.082	/	Pass
		831.5	75	0	15.215	/	Pass
		841.5	75	0	15.082	/	Pass
	16QAM	821.5	75	0	15.103	/	Pass
		831.5	75	0	15.099	/	Pass
		841.5	75	0	15.166	/	Pass

4.2.2 Test Graph

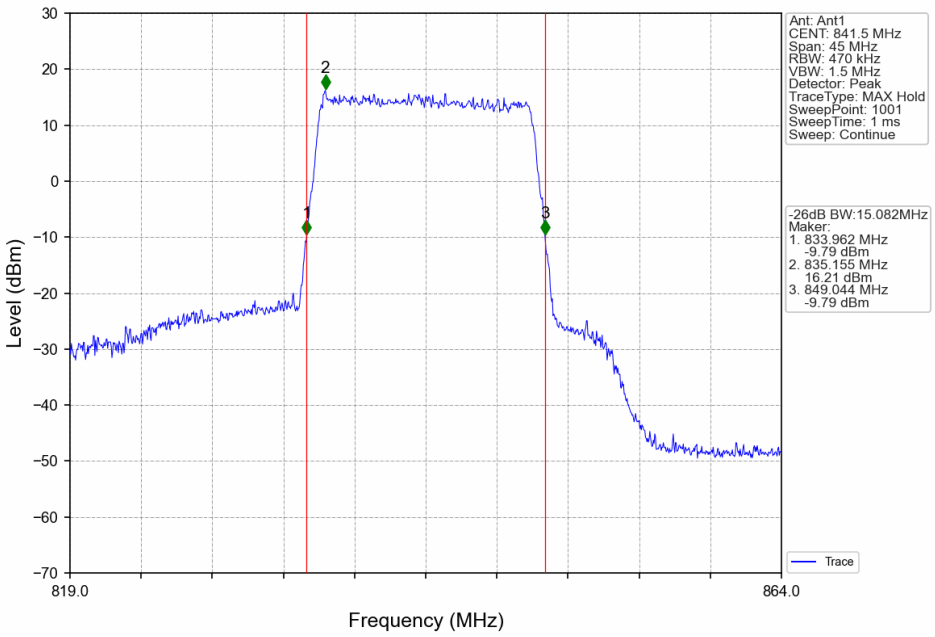
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



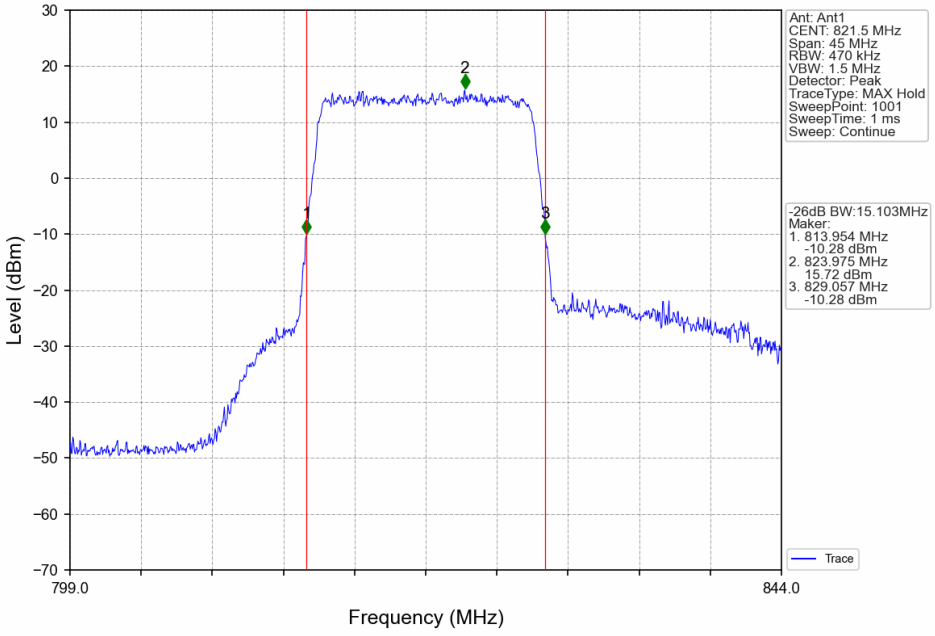
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



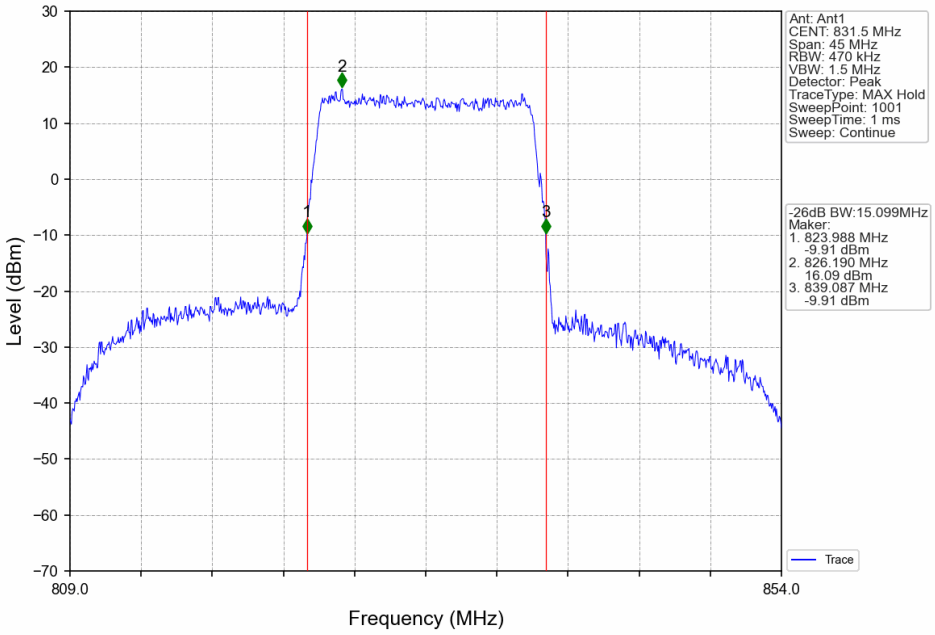
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



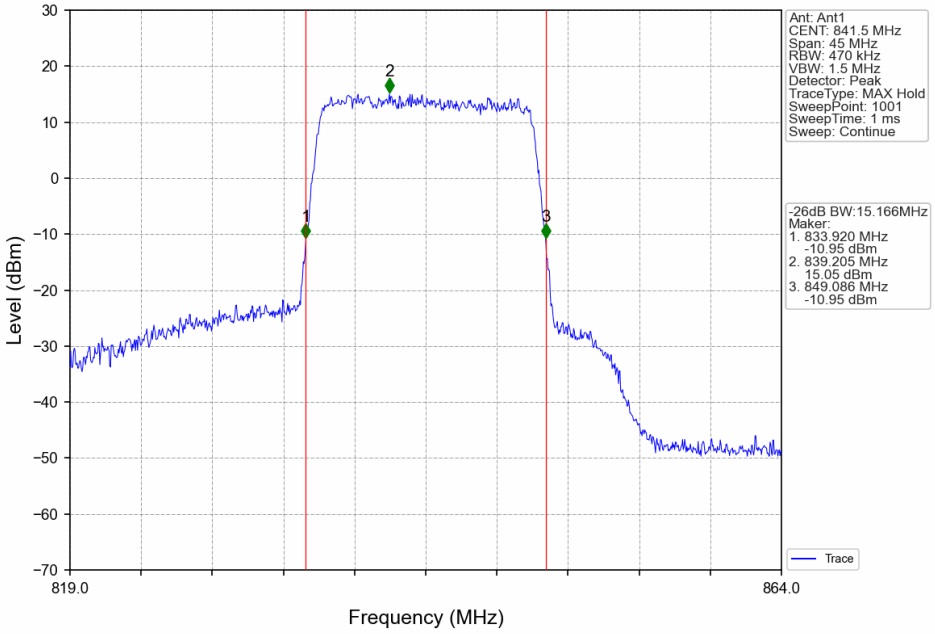
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



5. Peak-Average Ratio

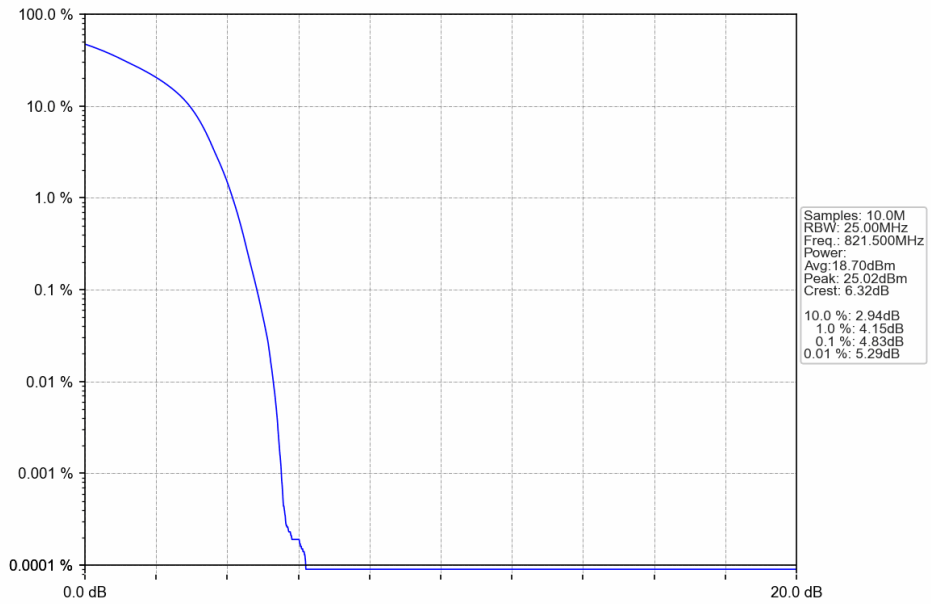
5.1 B26c_15MHz

5.1.1 Test Result

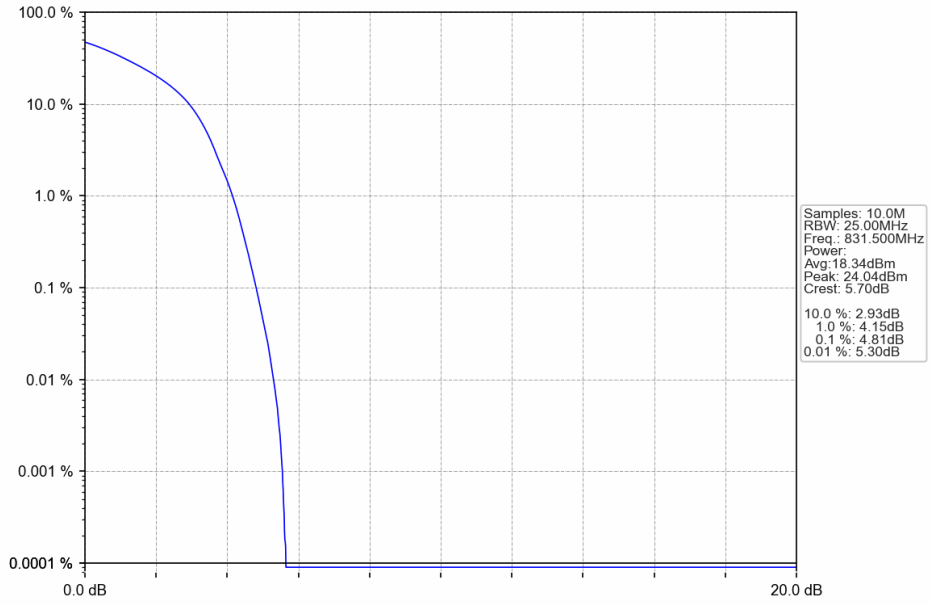
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	4.83	<=13	Pass
	831.5	75	0	4.81	<=13	Pass
	841.5	75	0	4.77	<=13	Pass
16QAM	821.5	75	0	6.30	<=13	Pass
	831.5	75	0	6.20	<=13	Pass
	841.5	75	0	6.16	<=13	Pass

5.1.2 Test Graph

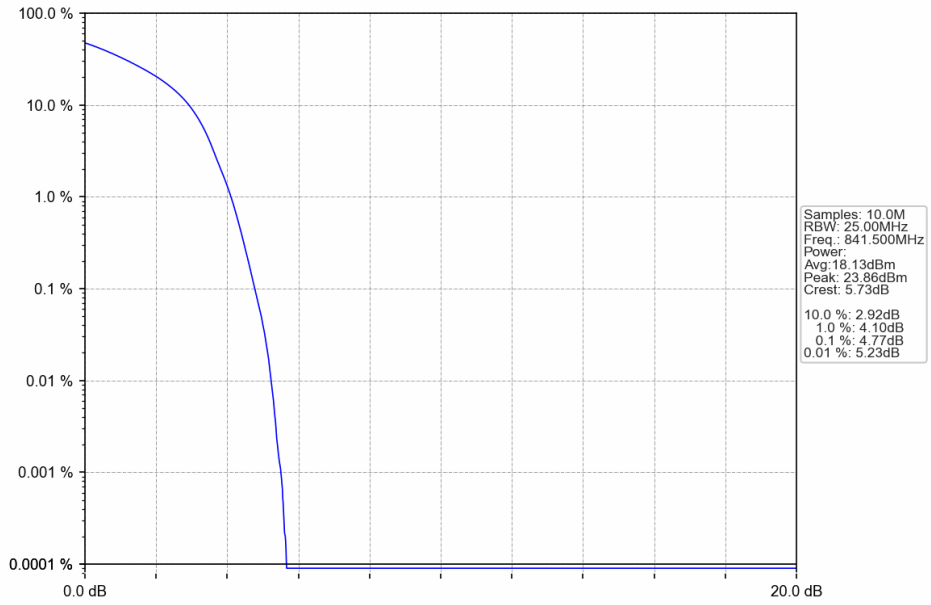
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



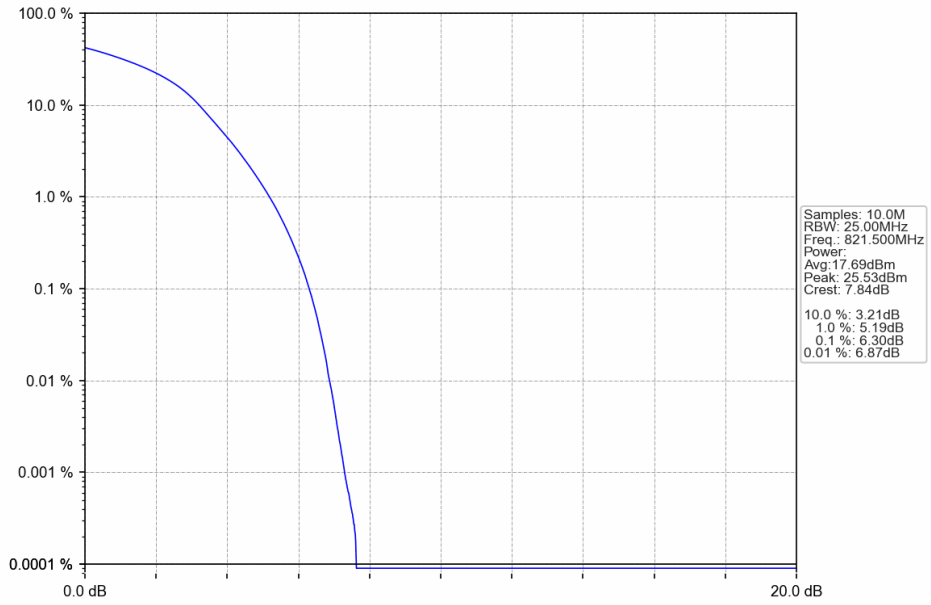
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



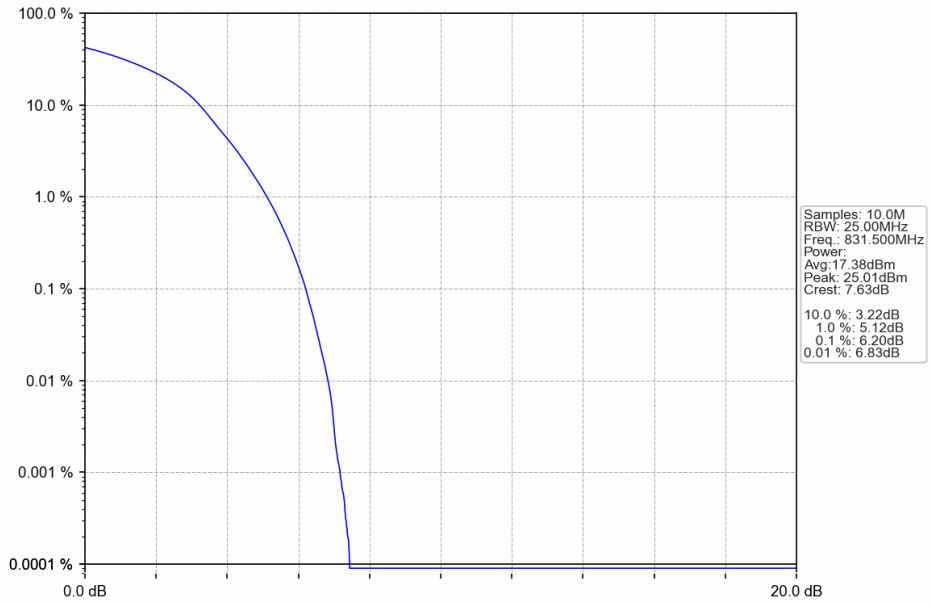
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



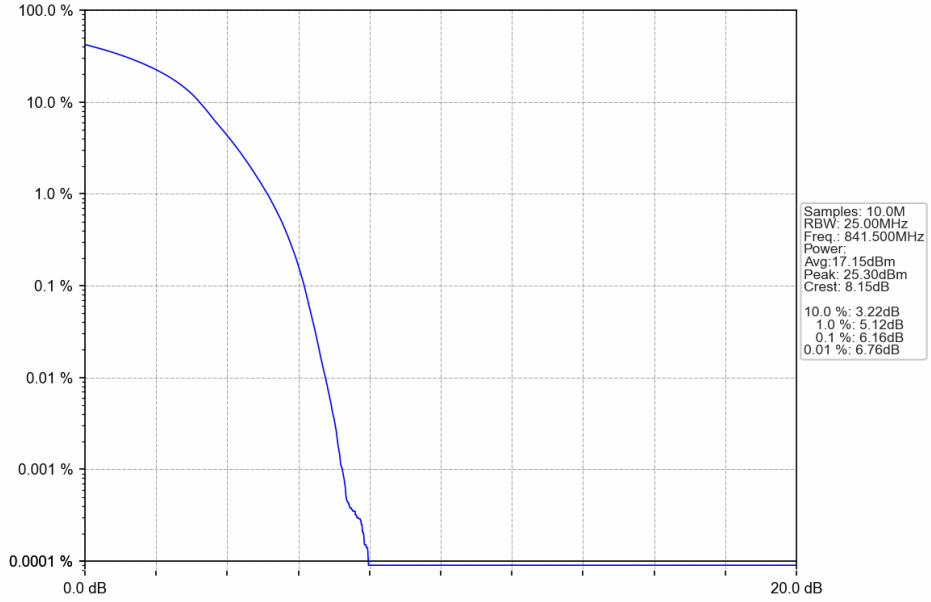
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



6. Spurious Emission

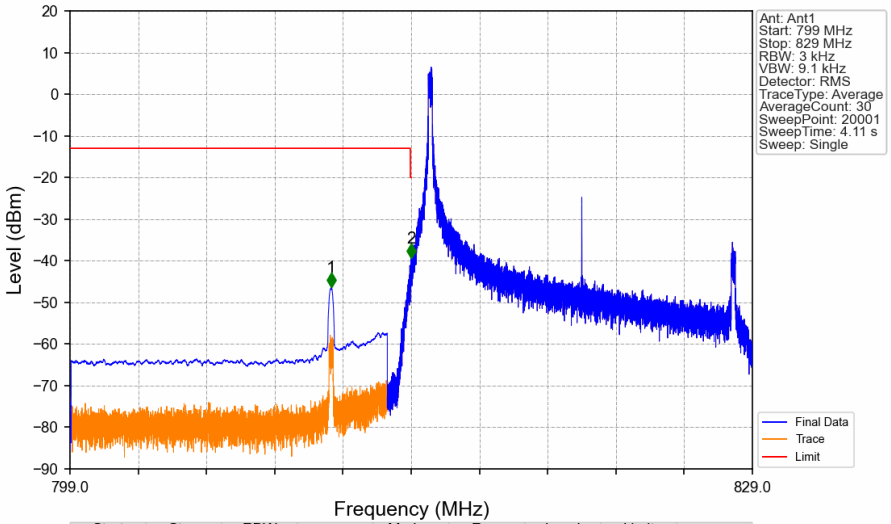
6.1 B26c_15MHz

6.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTNV						
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
	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
	831.5	1	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

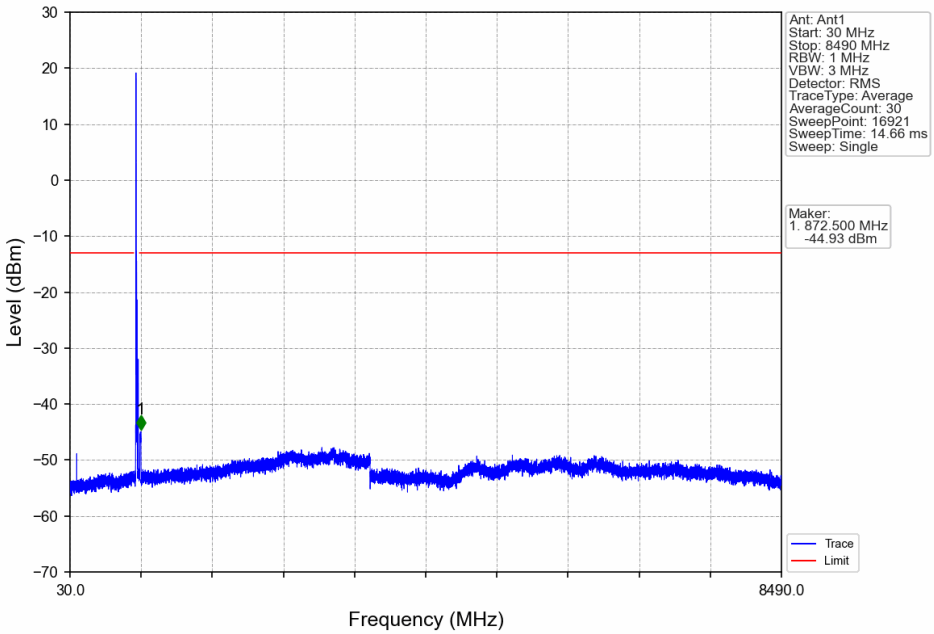
6.1.2 Test Graph

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

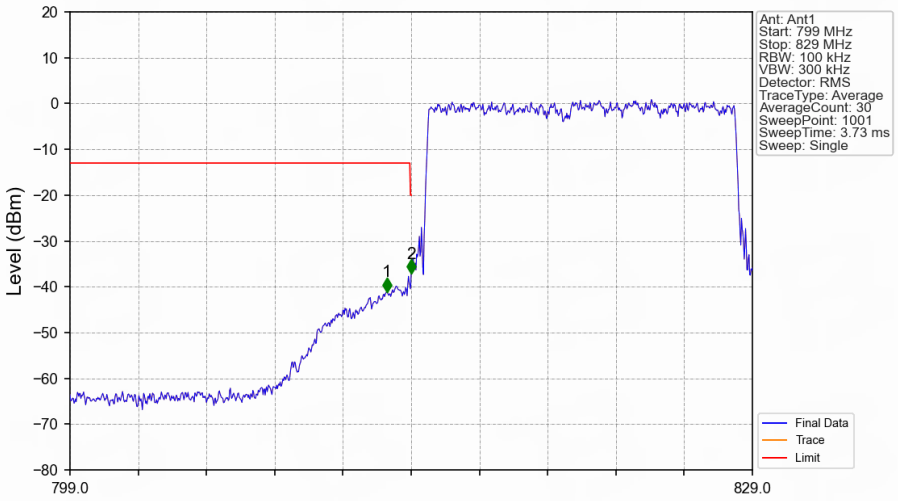


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	CHP	1	810.487	-46.44	-13	Pass
813	814	0.003	/	2	813.997	-39.32	-20	Pass
814	829	0.003	/	/	/	/	/	/

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

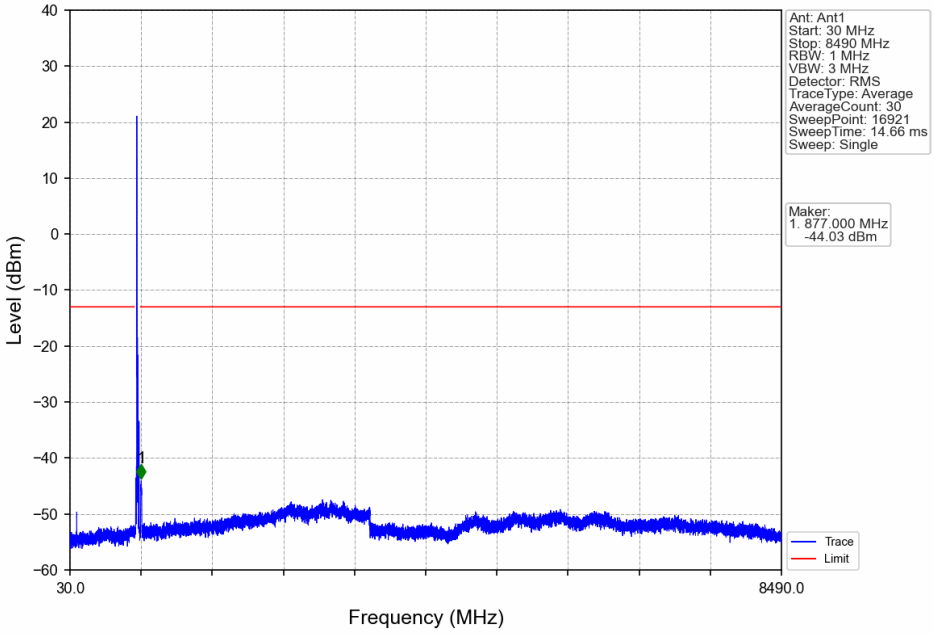


Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV

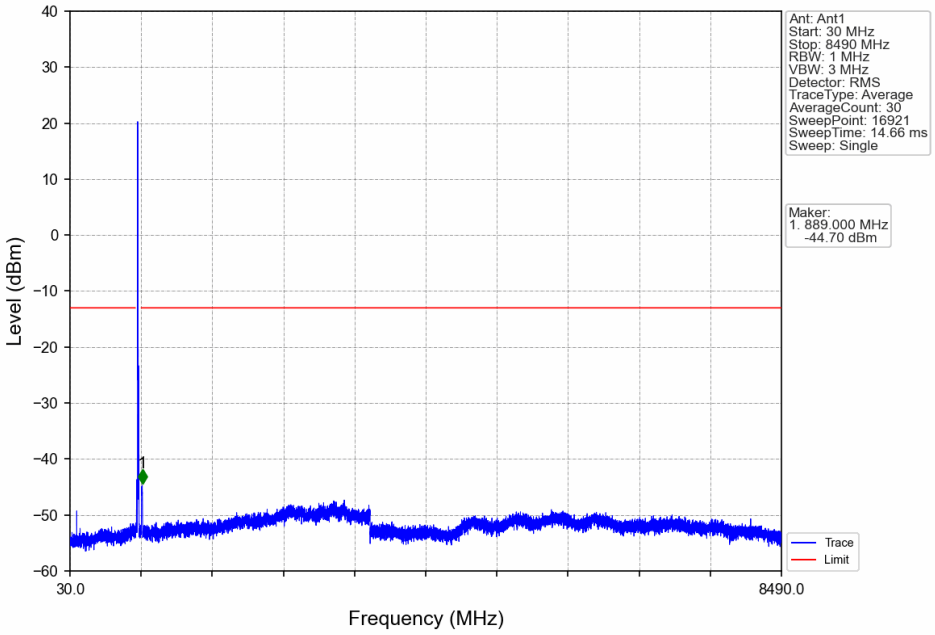


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.920	-41.13	-13	Pass
813	814	0.151	/	2	814.000	-37.17	-20	Pass
814	829	0.151	/	/	/	/	/	/

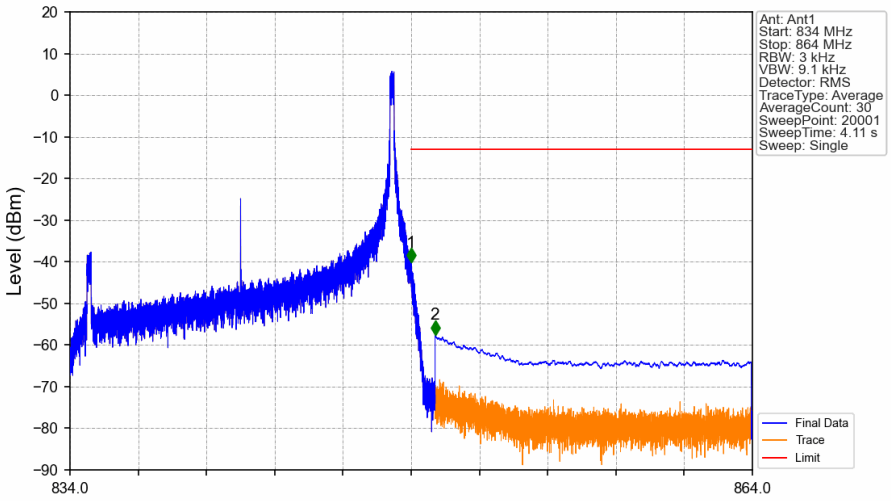
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV

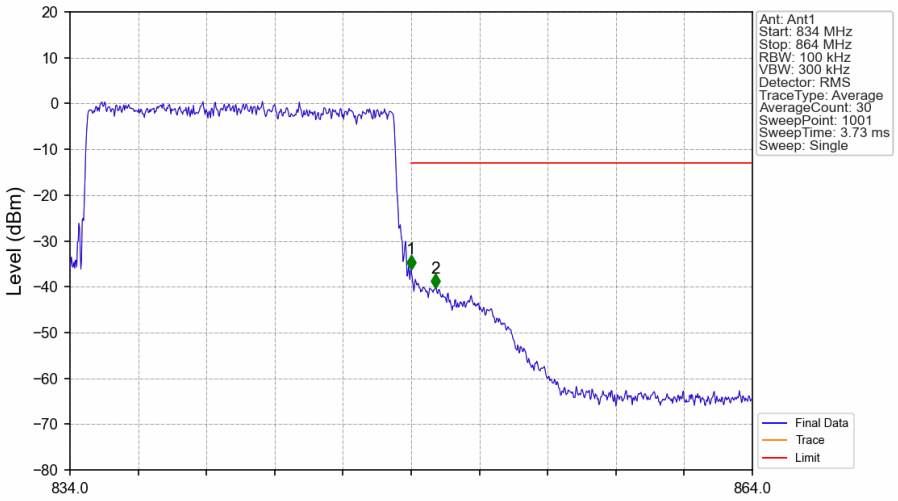


Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_74_NTNV



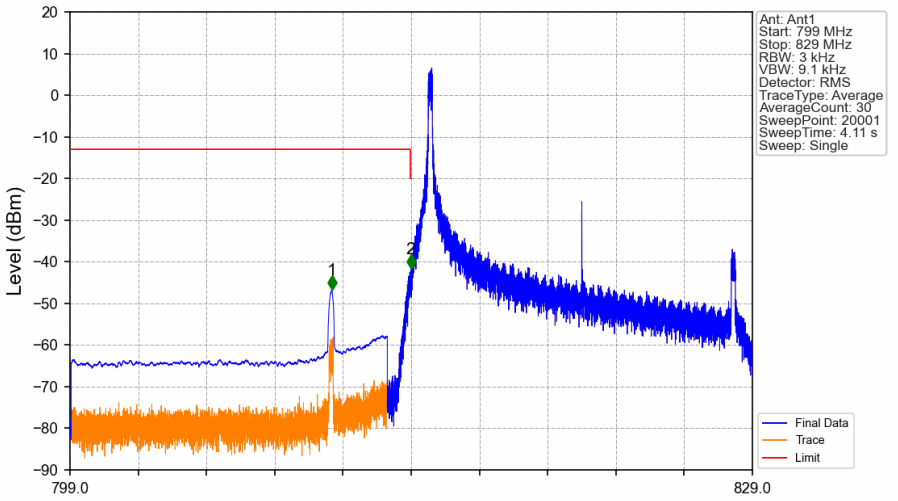
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-40.16	-13	Pass
850	864	0.1	CHP	2	850.052	-57.52	-13	Pass

Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



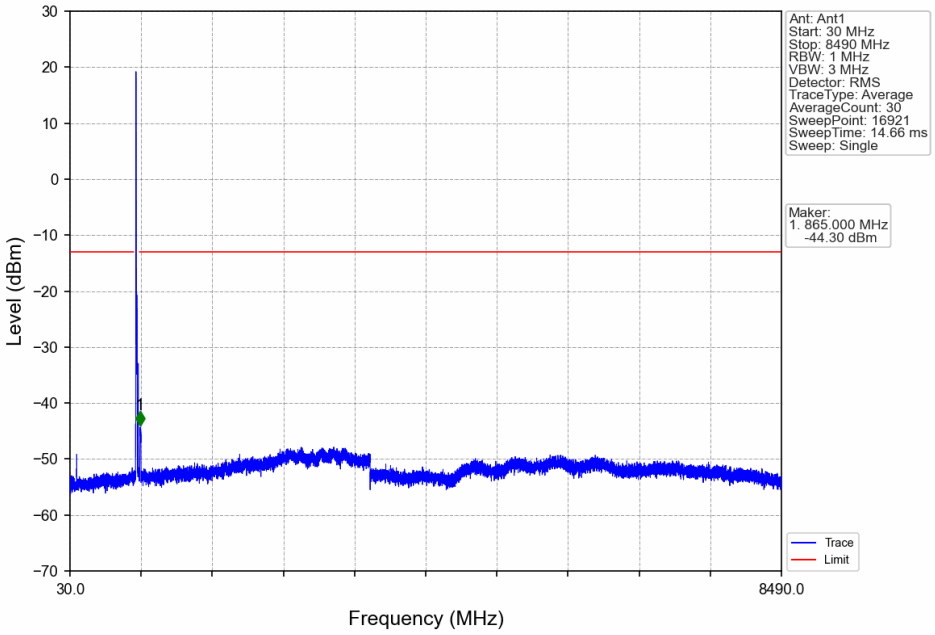
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.151	/	/	/	/	/	/
849	850	0.151	/	1	849.000	-36.17	-13	Pass
850	864	0.1	/	2	850.080	-40.30	-13	Pass

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

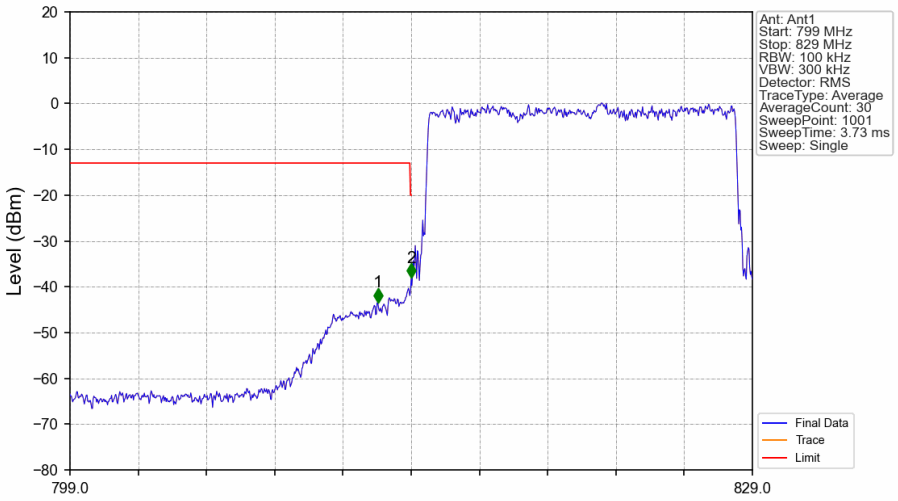


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	CHP	1	810.510	-46.79	-13	Pass
813	814	0.003	/	2	813.986	-41.76	-20	Pass
814	829	0.003	/	/	/	/	/	/

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

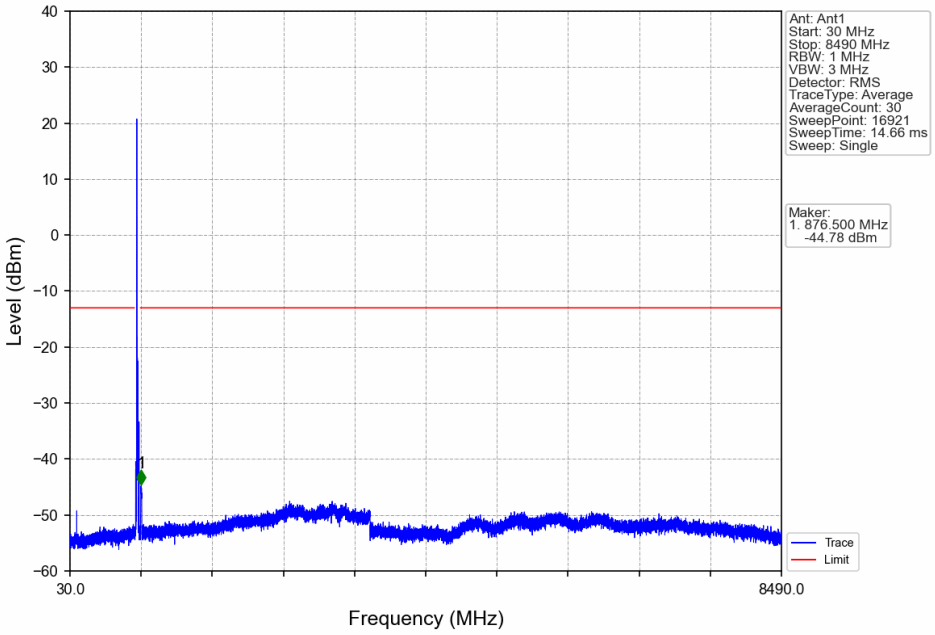


Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV

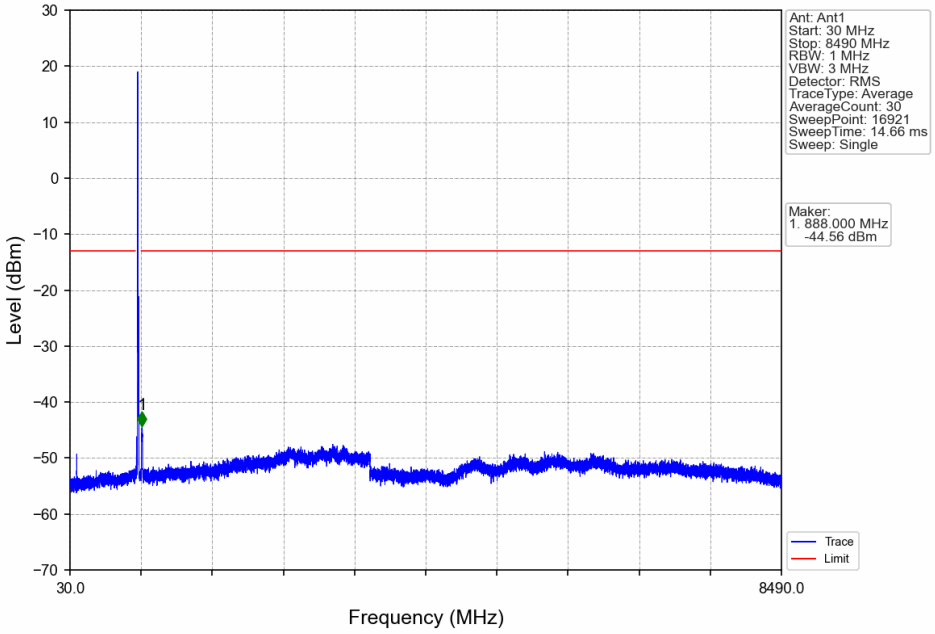


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.530	-43.43	-13	Pass
813	814	0.151	/	2	814.000	-38.10	-20	Pass
814	829	0.151	/	/	/	/	/	/

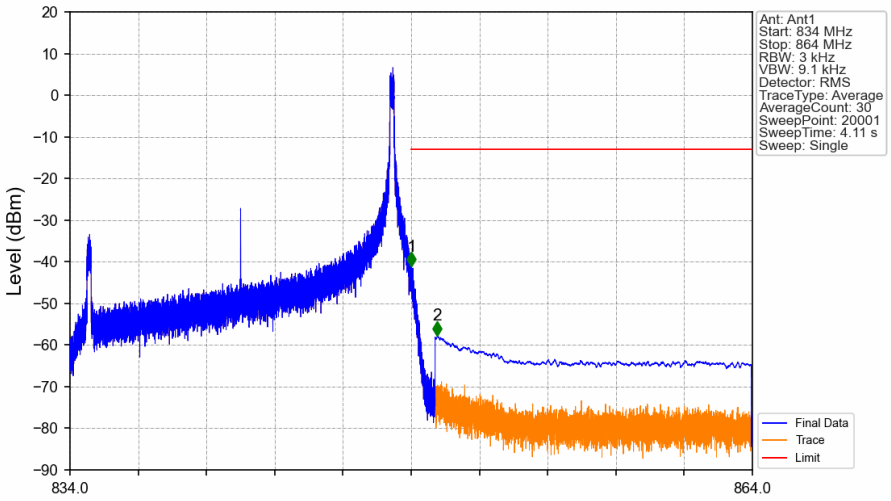
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_0_NTNV

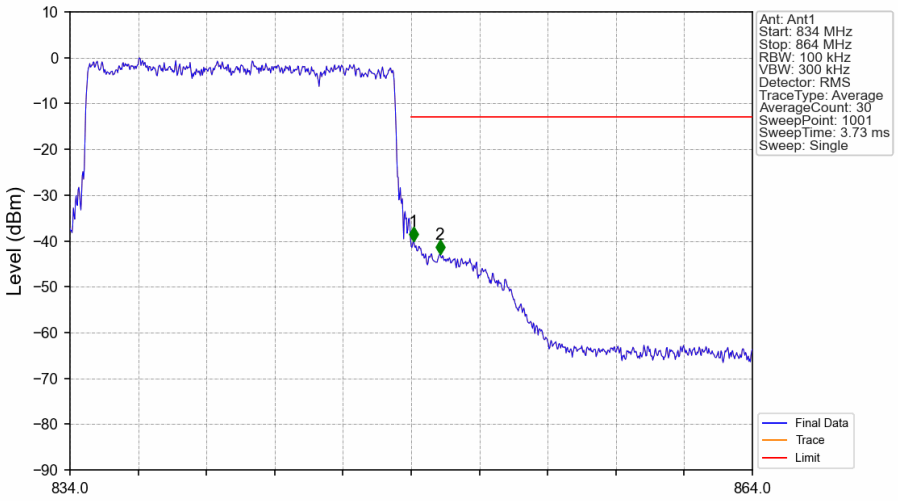


Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-41.20	-13	Pass
850	864	0.1	CHP	2	850.149	-57.72	-13	Pass

Band26c_15MHz_16QAM_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	0.152	/	/	/	/	/	/
849	850	0.152	/	1	849.090	-40.06	-13	Pass
850	864	0.1	/	2	850.260	-42.91	-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	0.1452	0.0518	ppm	13M6G7D	/	21.62
26c	15	821.5	841.5	0.1449	0.0528	ppm	13M6W7D	/	21.61

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	0.0982	0.0518	ppm	13M6G7D	/	19.92
26c	15	821.5	841.5	0.0979	0.0528	ppm	13M6W7D	/	19.91