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	23.67	0.68	22.20	<=38.45	Pass
			38	23.95	0.68	22.48	<=38.45	Pass
			74	23.83	0.68	22.36	<=38.45	Pass
		36	0	23.04	0.68	21.57	<=38.45	Pass
			18	23.02	0.68	21.55	<=38.45	Pass
			39	23.04	0.68	21.57	<=38.45	Pass
		75	0	22.89	0.68	21.42	<=38.45	Pass
	831.5	1	0	23.36	0.68	21.89	<=38.45	Pass
			38	23.47	0.68	22.00	<=38.45	Pass
			74	23.33	0.68	21.86	<=38.45	Pass
		36	0	22.40	0.68	20.93	<=38.45	Pass
			18	22.53	0.68	21.06	<=38.45	Pass
			39	22.34	0.68	20.87	<=38.45	Pass
		75	0	22.32	0.68	20.85	<=38.45	Pass
	841.5	1	0	23.29	0.68	21.82	<=38.45	Pass
			38	23.63	0.68	22.16	<=38.45	Pass
			74	23.43	0.68	21.96	<=38.45	Pass
		36	0	22.67	0.68	21.20	<=38.45	Pass
			18	22.68	0.68	21.21	<=38.45	Pass
			39	22.72	0.68	21.25	<=38.45	Pass
		75	0	22.72	0.68	21.25	<=38.45	Pass
16QAM	821.5	1	0	22.93	0.68	21.46	<=38.45	Pass
			38	22.90	0.68	21.43	<=38.45	Pass
			74	22.64	0.68	21.17	<=38.45	Pass
		36	0	21.51	0.68	20.04	<=38.45	Pass
			18	21.46	0.68	19.99	<=38.45	Pass
			39	21.44	0.68	19.97	<=38.45	Pass
		75	0	21.50	0.68	20.03	<=38.45	Pass
	831.5	1	0	22.44	0.68	20.97	<=38.45	Pass
			38	22.73	0.68	21.26	<=38.45	Pass
			74	22.56	0.68	21.09	<=38.45	Pass
		36	0	21.29	0.68	19.82	<=38.45	Pass
			18	21.44	0.68	19.97	<=38.45	Pass
			39	21.29	0.68	19.82	<=38.45	Pass
		75	0	21.30	0.68	19.83	<=38.45	Pass
	841.5	1	0	22.40	0.68	20.93	<=38.45	Pass
			38	22.50	0.68	21.03	<=38.45	Pass
			74	22.47	0.68	21.00	<=38.45	Pass
		36	0	21.61	0.68	20.14	<=38.45	Pass
			18	21.52	0.68	20.05	<=38.45	Pass
			39	21.63	0.68	20.16	<=38.45	Pass
		75	0	21.63	0.68	20.16	<=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	-4.835	-0.0059	-2.5 to 2.5	Pass
					3.85	-5.236	-0.0064	-2.5 to 2.5	Pass
					4.43	-4.678	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-7.496	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-7.024	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-8.397	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-3.519	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-3.691	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-6.437	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-9.699	-0.0118	-2.5 to 2.5	Pass
				50	3.85	-11.201	-0.0136	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-3.119	-0.0038	-2.5 to 2.5	Pass
					3.85	-6.208	-0.0075	-2.5 to 2.5	Pass
					4.43	-6.237	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-5.050	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-5.379	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-3.476	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-2.775	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-4.506	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-4.363	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-4.921	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-6.824	-0.0082	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-4.649	-0.0055	-2.5 to 2.5	Pass
					3.85	-6.022	-0.0072	-2.5 to 2.5	Pass
					4.43	-9.556	-0.0114	-2.5 to 2.5	Pass
				-30	3.85	-1.016	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-7.324	-0.0087	-2.5 to 2.5	Pass
				-10	3.85	-8.469	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-8.140	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-9.871	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-4.492	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-8.197	-0.0097	-2.5 to 2.5	Pass
				50	3.85	-4.177	-0.0050	-2.5 to 2.5	Pass
16QAM	821.5	75	0	20	3.27	-8.168	-0.0099	-2.5 to 2.5	Pass
					3.85	-6.480	-0.0079	-2.5 to 2.5	Pass
					4.43	-9.127	-0.0111	-2.5 to 2.5	Pass
				-30	3.85	-11.415	-0.0139	-2.5 to 2.5	Pass
				-20	3.85	-4.892	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-6.752	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-4.520	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-8.912	-0.0108	-2.5 to 2.5	Pass
				30	3.85	-6.895	-0.0084	-2.5 to 2.5	Pass
				40	3.85	-6.251	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-4.992	-0.0061	-2.5 to 2.5	Pass

	831.5	75	0	20	3.27	-3.605	-0.0043	-2.5 to 2.5	Pass
					3.85	-5.136	-0.0062	-2.5 to 2.5	Pass
					4.43	-2.089	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-4.506	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-3.648	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-6.909	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-2.890	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-6.437	-0.0077	-2.5 to 2.5	Pass
				30	3.85	-3.405	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-1.431	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-5.121	-0.0062	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-5.336	-0.0063	-2.5 to 2.5	Pass
					3.85	-10.328	-0.0123	-2.5 to 2.5	Pass
					4.43	-5.579	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-4.563	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-4.878	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-4.964	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-4.935	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-5.522	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-6.495	-0.0077	-2.5 to 2.5	Pass
				40	3.85	-5.307	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-7.310	-0.0087	-2.5 to 2.5	Pass

3. Modulation Characteristics

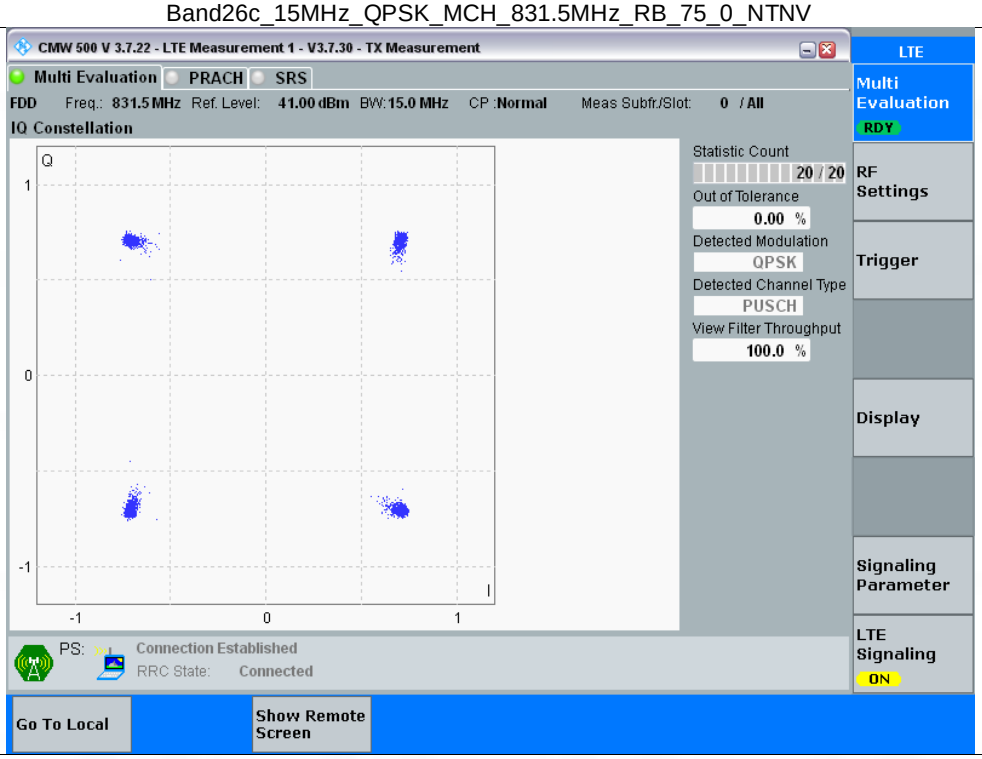
3.1 B26c_15MHz

3.1.1 Test Result

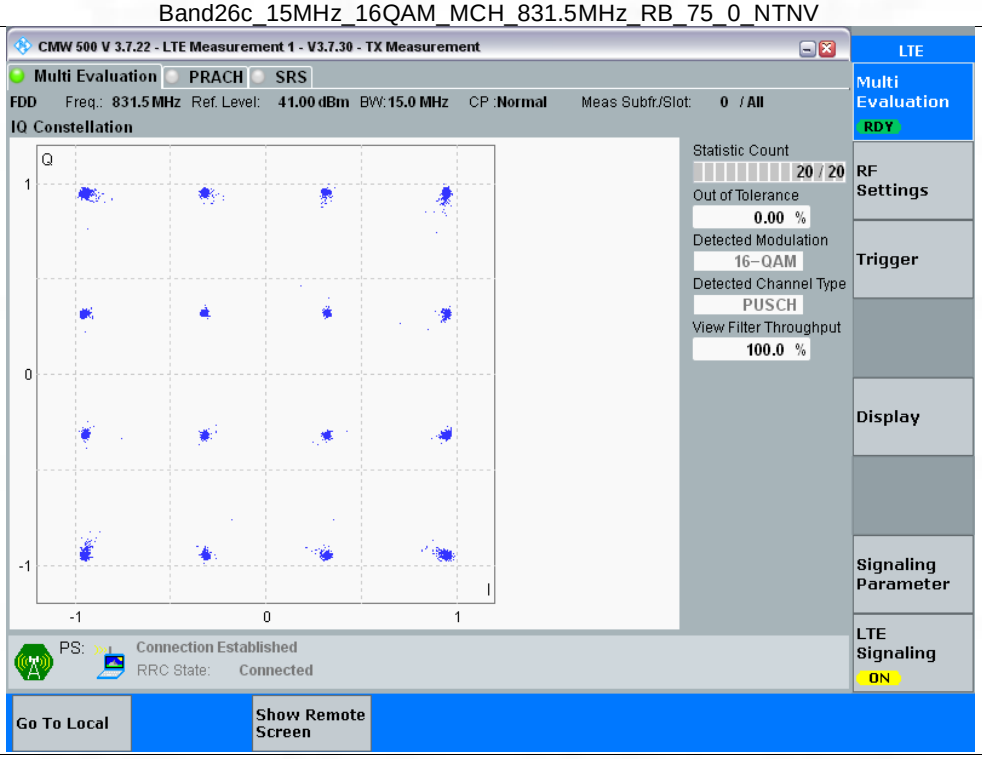
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	75	0	Refer To Test Graph		Pass
16QAM	831.5	75	0	Refer To Test Graph		Pass

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

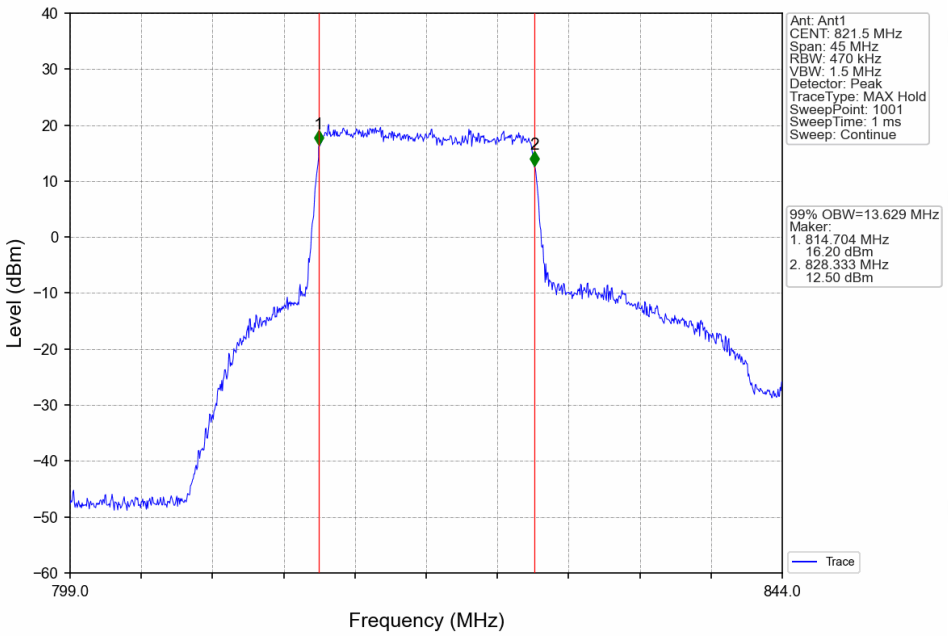
4.1 Band26c_OBW

4.1.1 Test Result

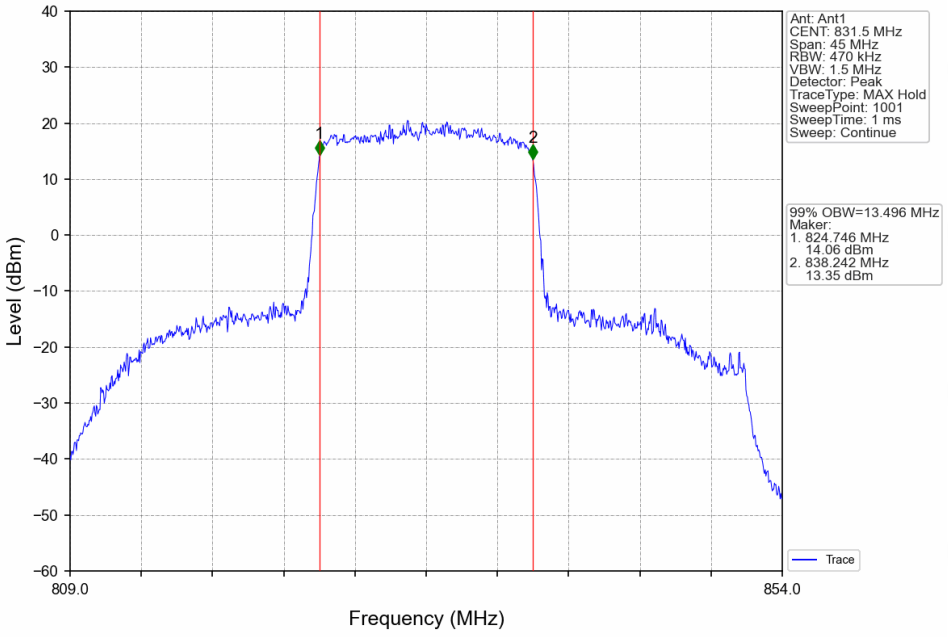
Band: 26c / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	13.629	Pass
		831.5	75	0	13.496	Pass
		841.5	75	0	13.610	Pass
	16QAM	821.5	75	0	13.601	Pass
		831.5	75	0	13.494	Pass
		841.5	75	0	13.644	Pass

4.1.2 Test Graph

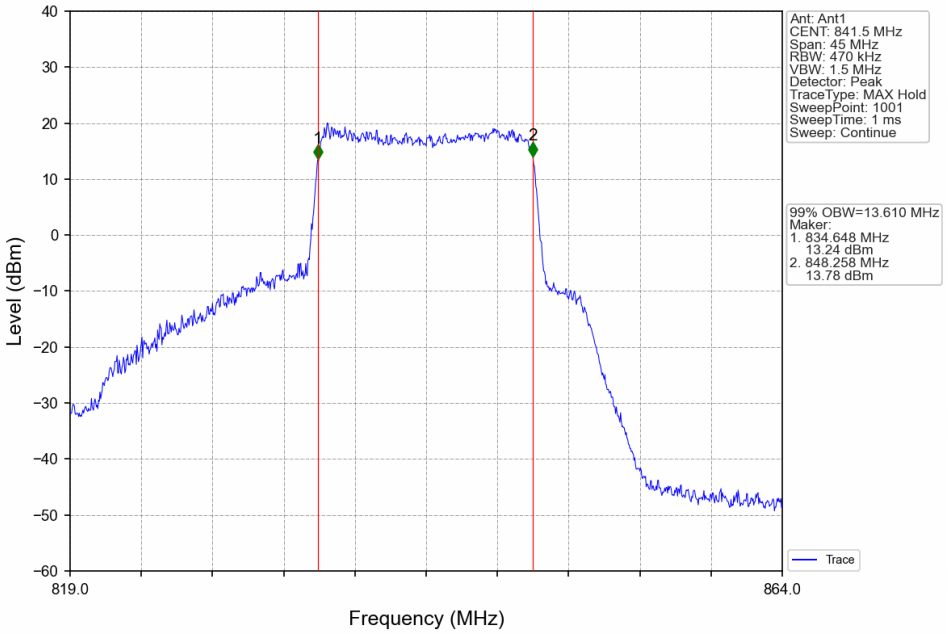
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



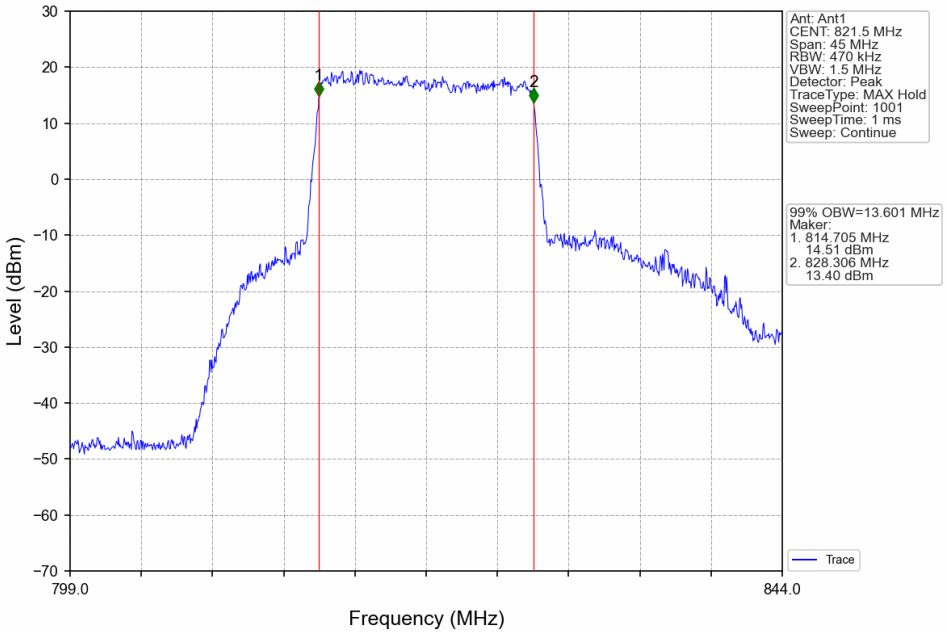
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



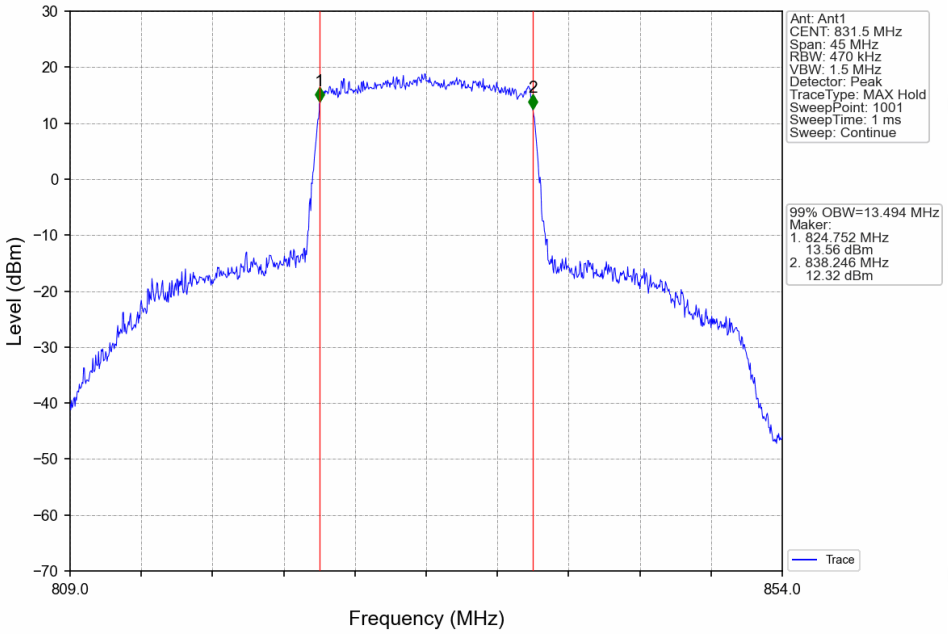
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



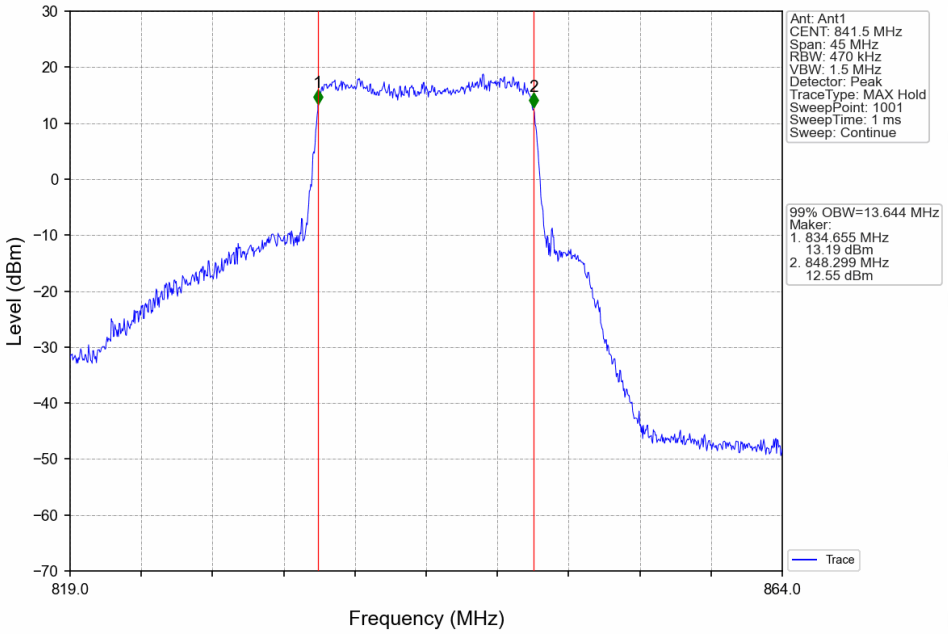
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



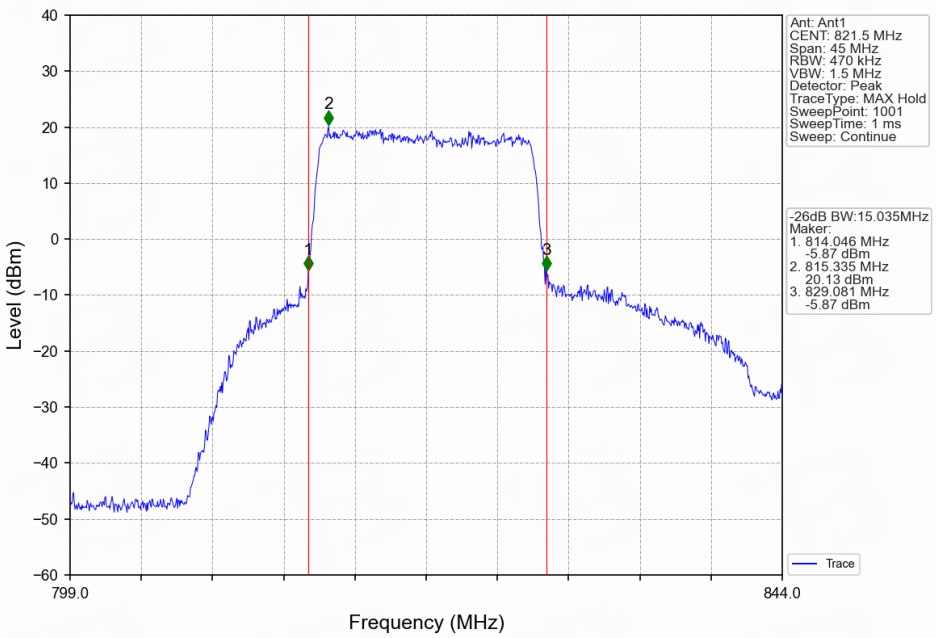
4.2 Band26c_XDB

4.2.1 Test Result

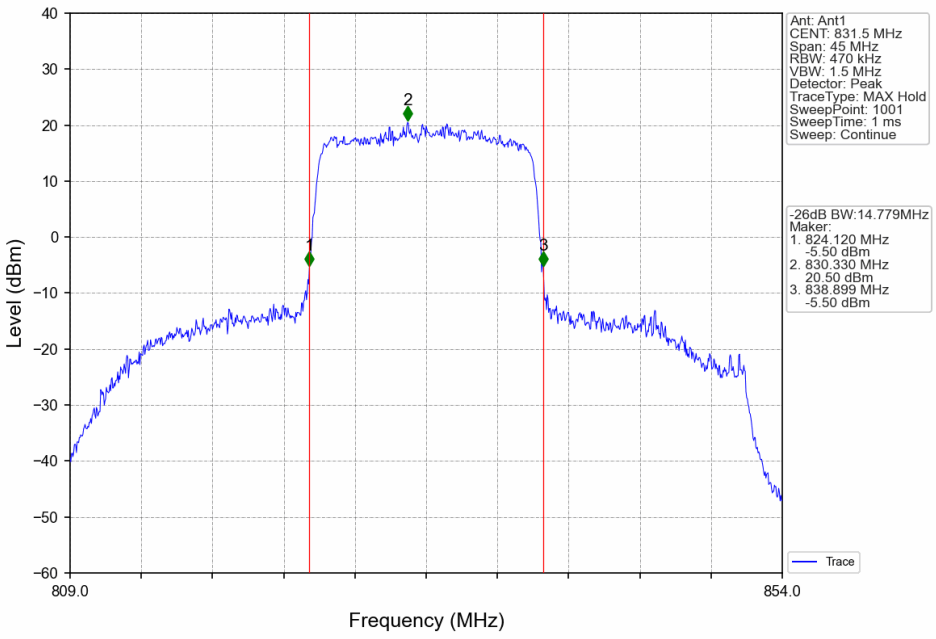
Band: 26c / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	15.035	Pass
		831.5	75	0	14.779	Pass
		841.5	75	0	15.529	Pass
	16QAM	821.5	75	0	14.875	Pass
		831.5	75	0	14.742	Pass
		841.5	75	0	15.290	Pass

4.2.2 Test Graph

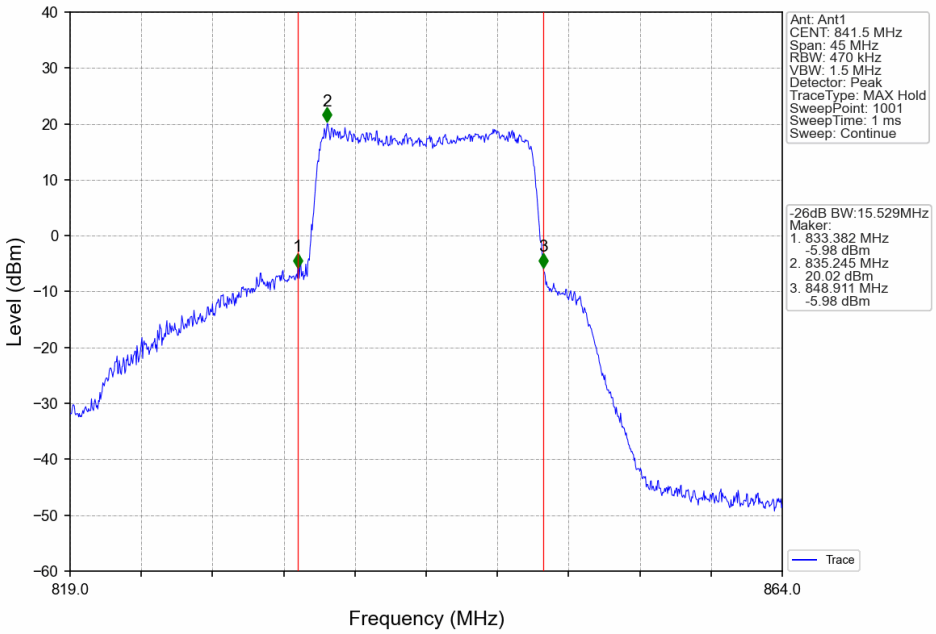
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



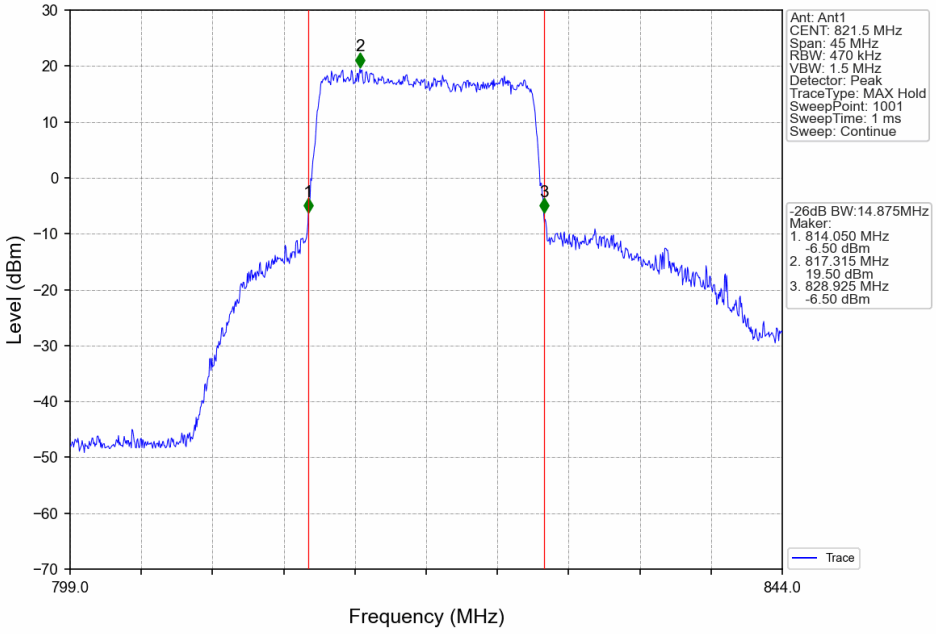
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



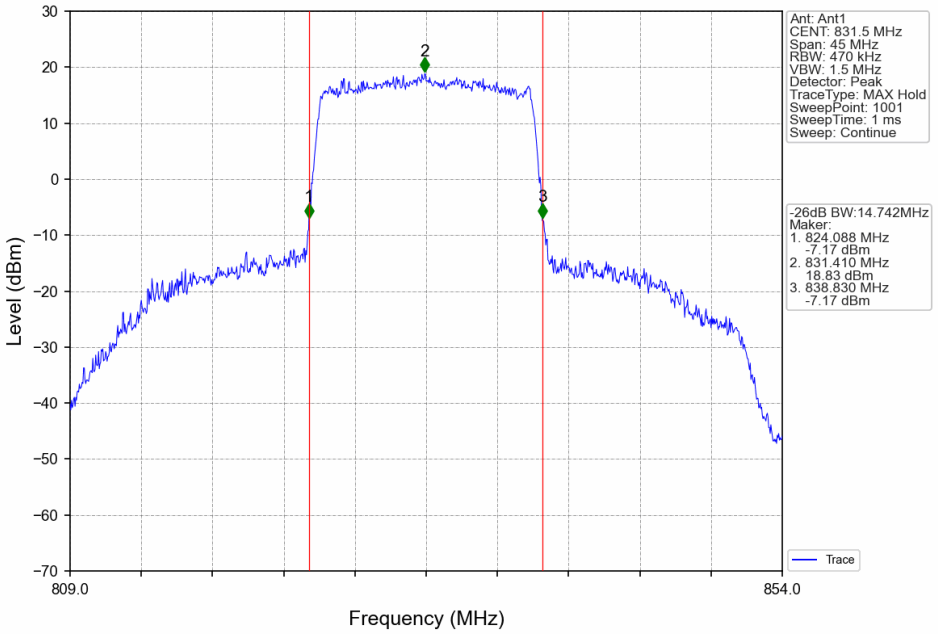
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



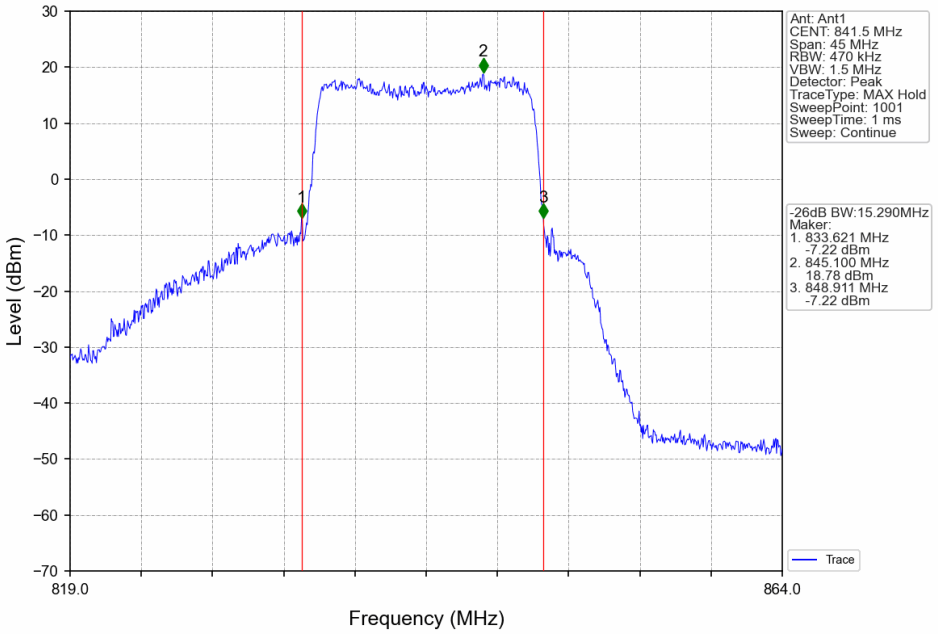
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



5. Peak-Average Ratio

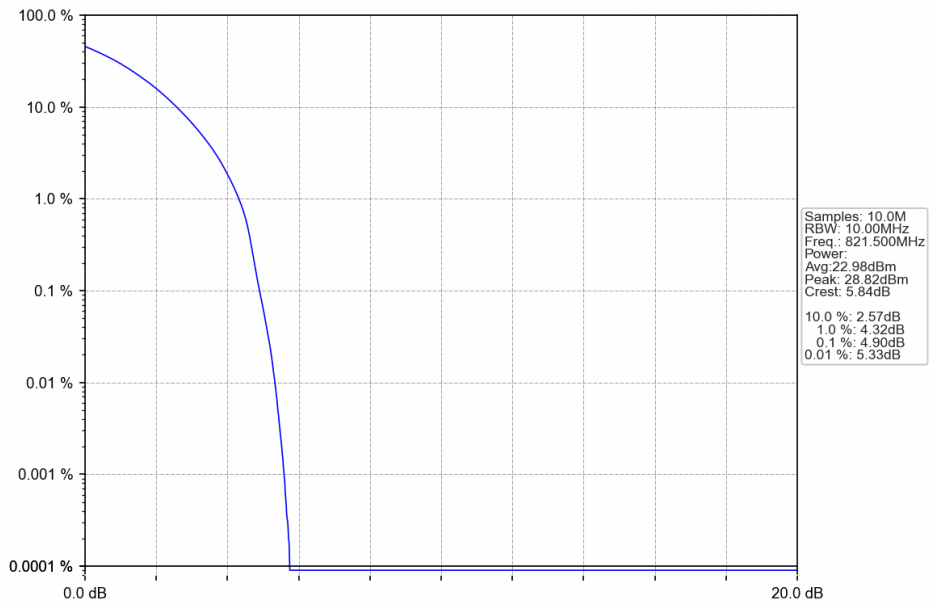
5.1 B26c_15MHz

5.1.1 Test Result

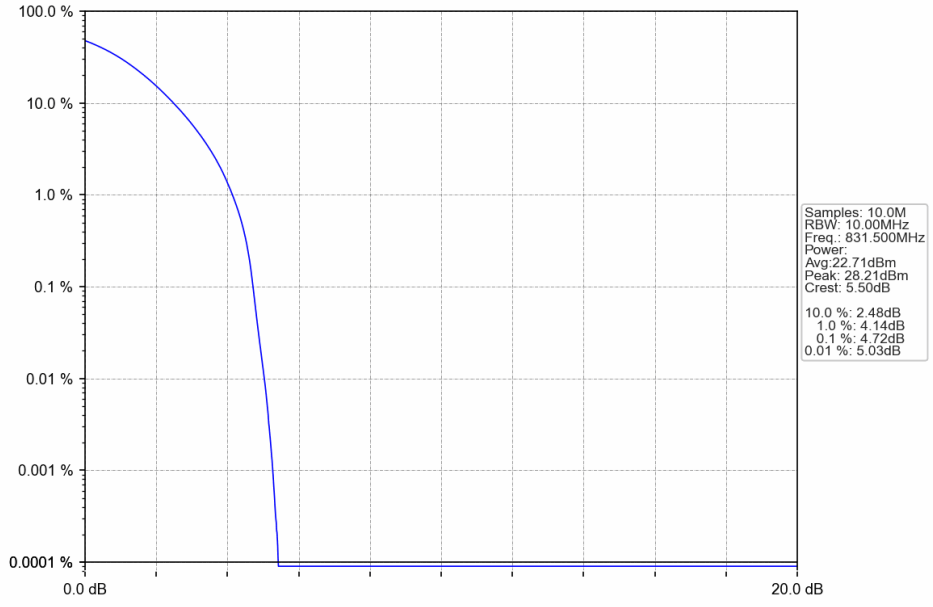
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	4.90	<=13	Pass
	831.5	75	0	4.72	<=13	Pass
	841.5	75	0	5.18	<=13	Pass
16QAM	821.5	75	0	5.79	<=13	Pass
	831.5	75	0	5.77	<=13	Pass
	841.5	75	0	5.95	<=13	Pass

5.1.2 Test Graph

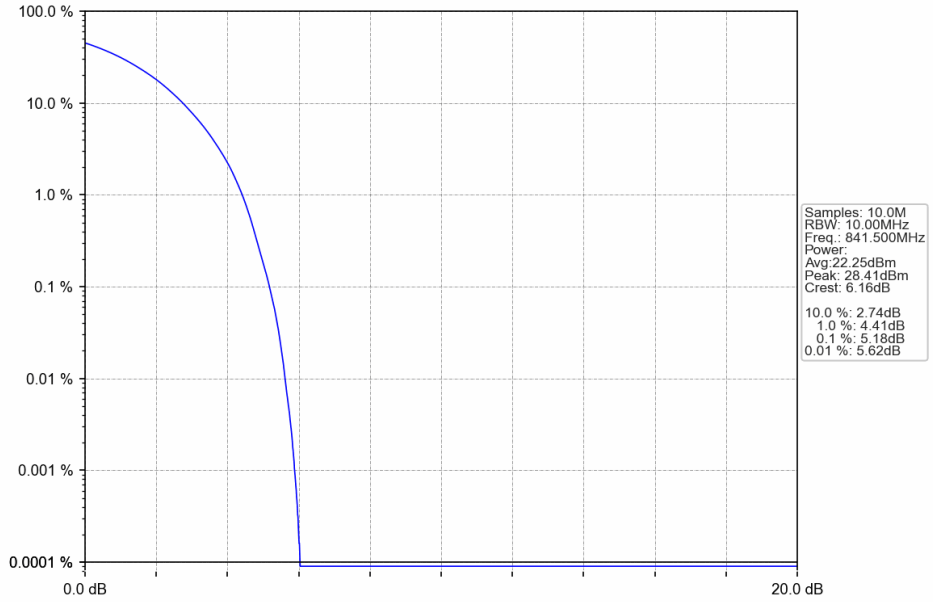
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



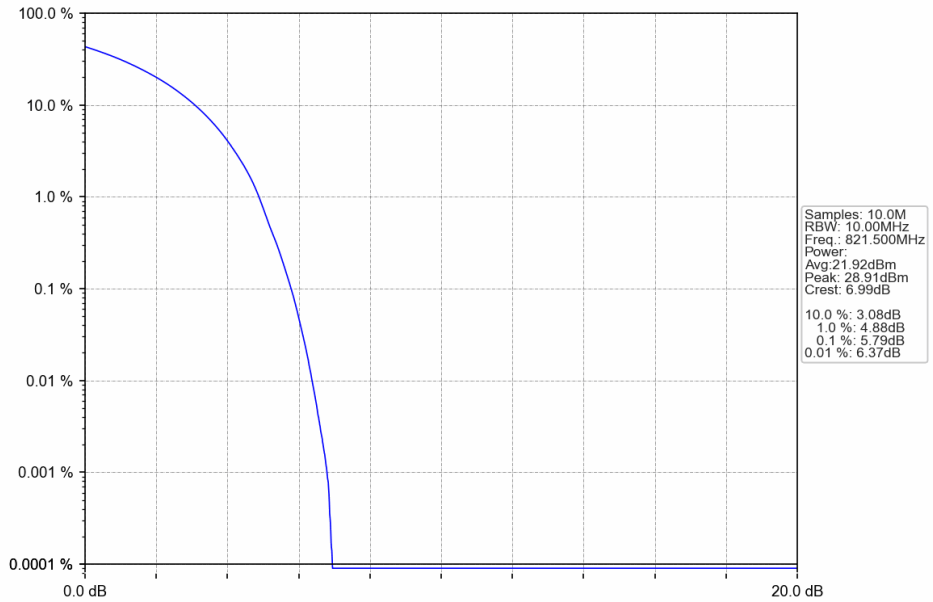
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



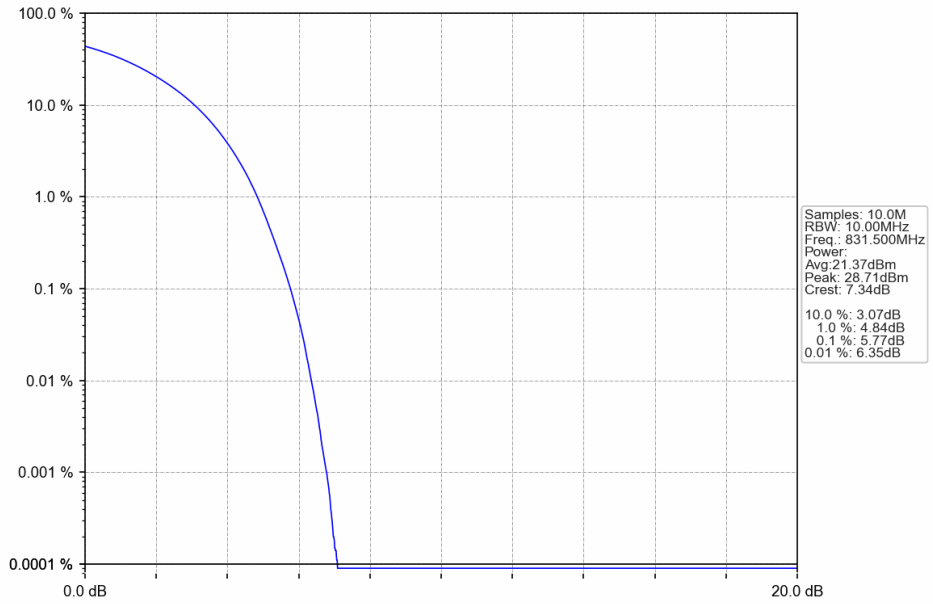
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



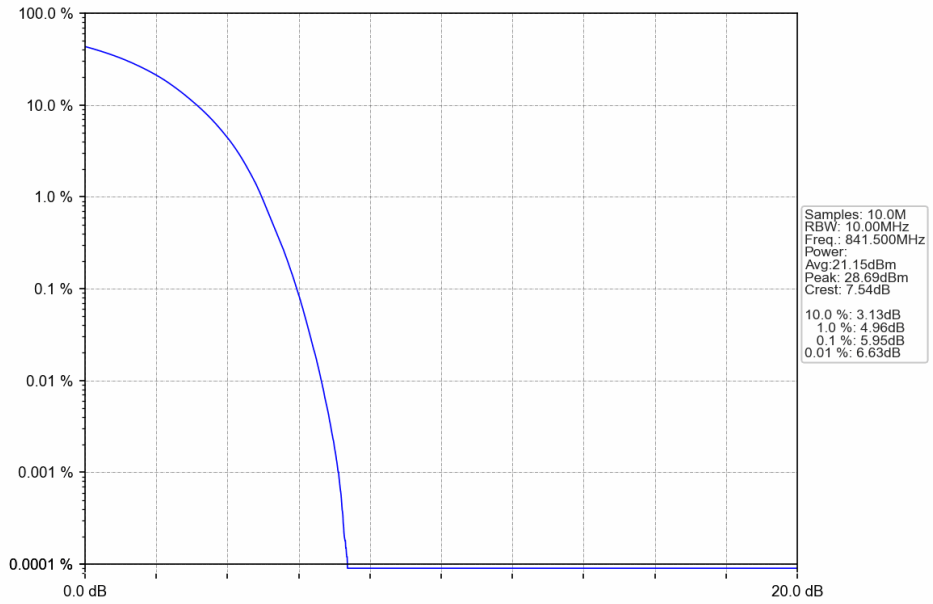
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



6. Spurious Emission

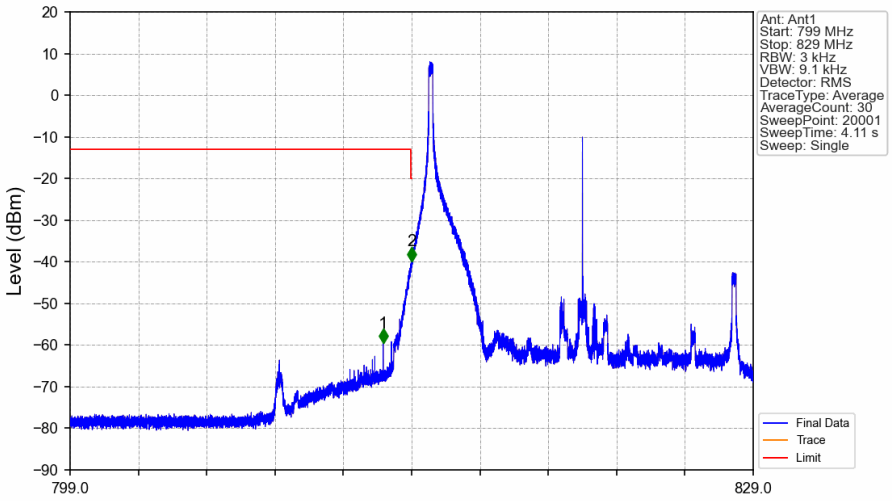
6.1 B26c_15MHz

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

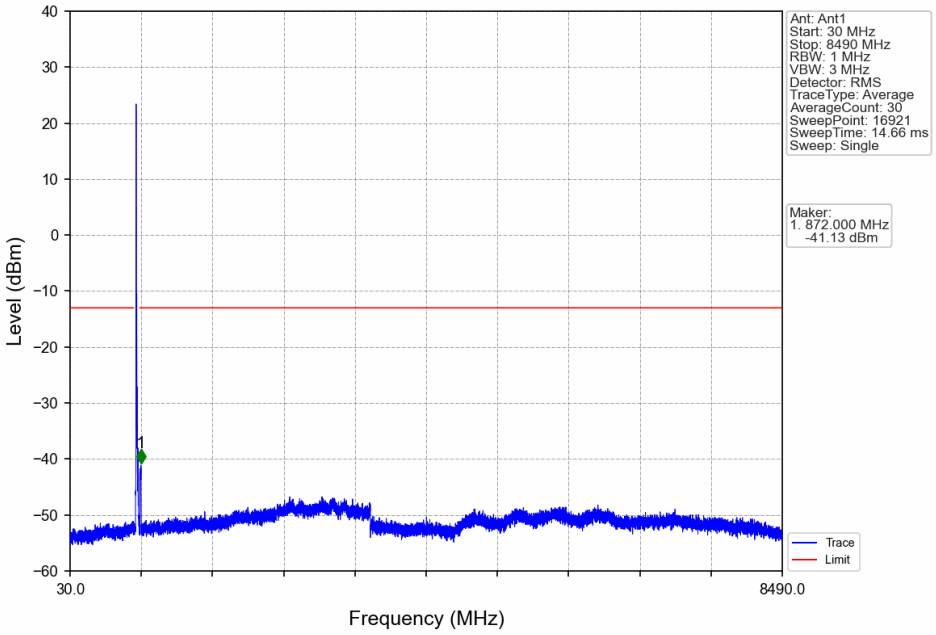
6.1.2 Test Graph

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

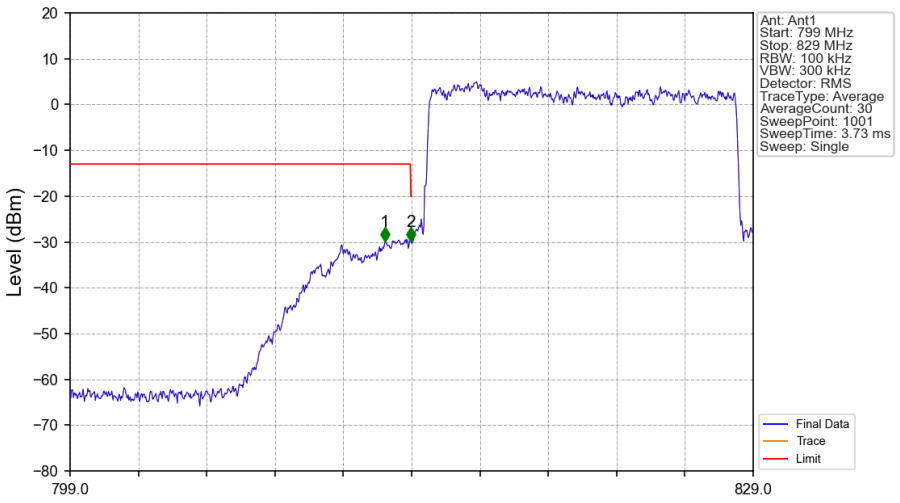


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.749	-59.55	-13	Pass
813	814	0.003	/	2	813.999	-39.88	-20	Pass
814	829	0.003	/	/	/	/	/	/

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

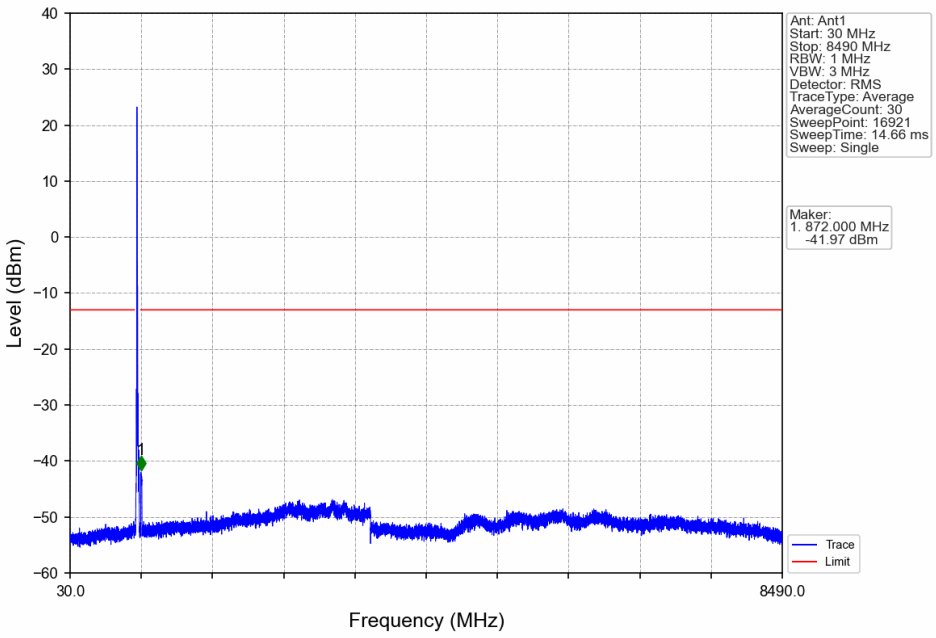


Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV

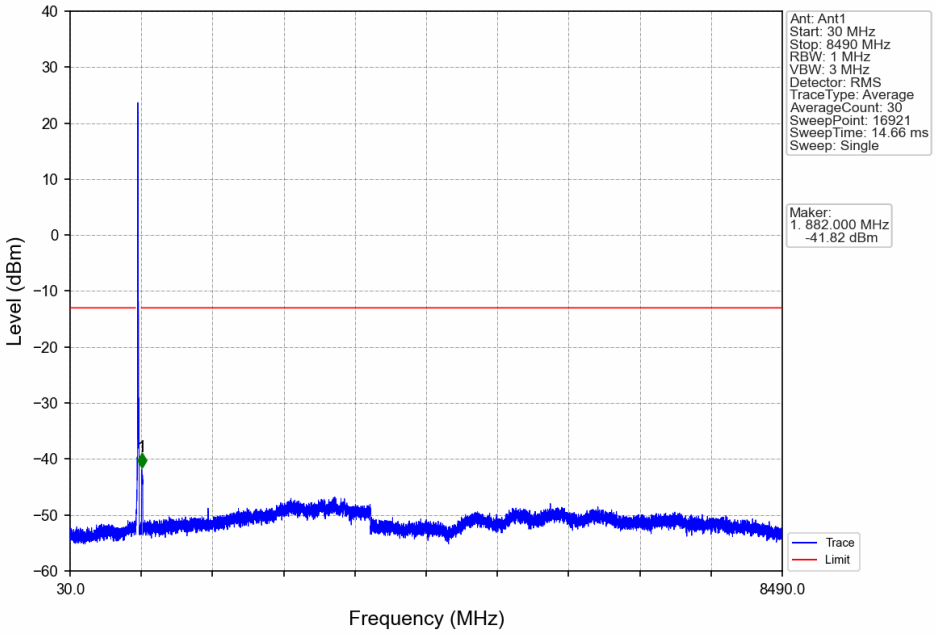


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.830	-29.97	-13	Pass
813	814	0.15	/	2	813.970	-29.87	-20	Pass
814	829	0.15	/	/	/	/	/	/

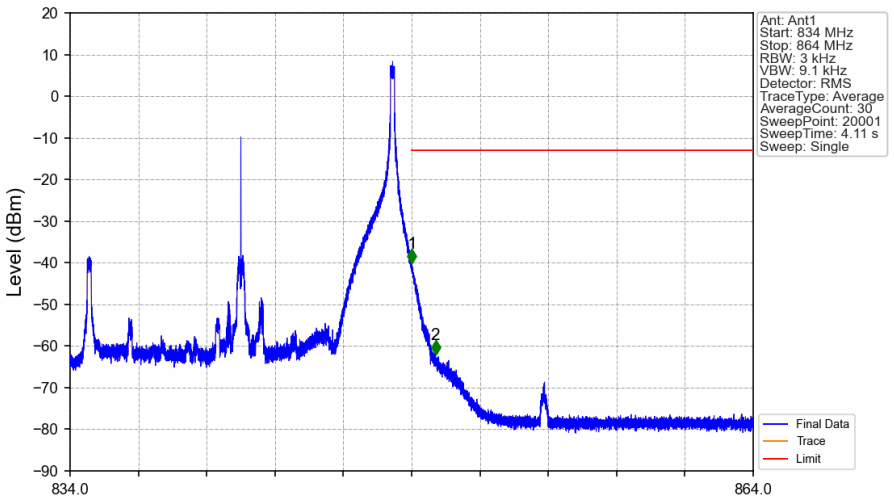
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV

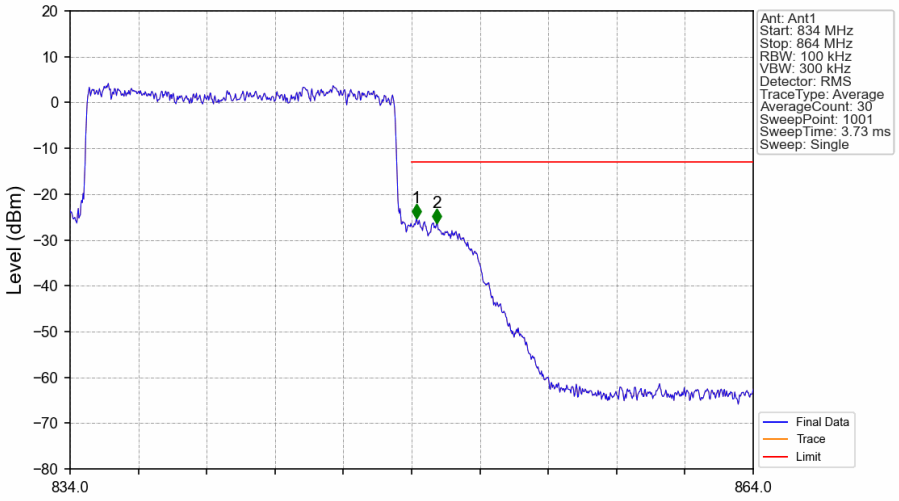


Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_74_NTNV



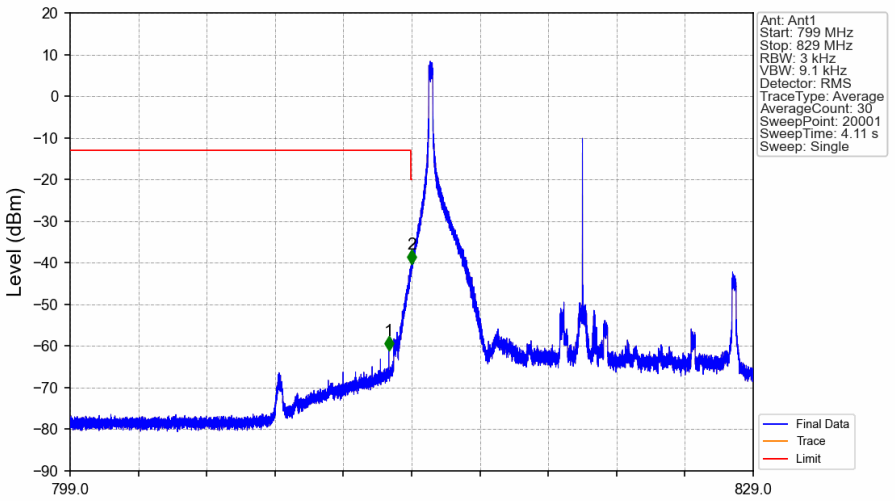
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.014	-40.23	-13	Pass
850	864	0.1	/	2	850.048	-62.13	-13	Pass

Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



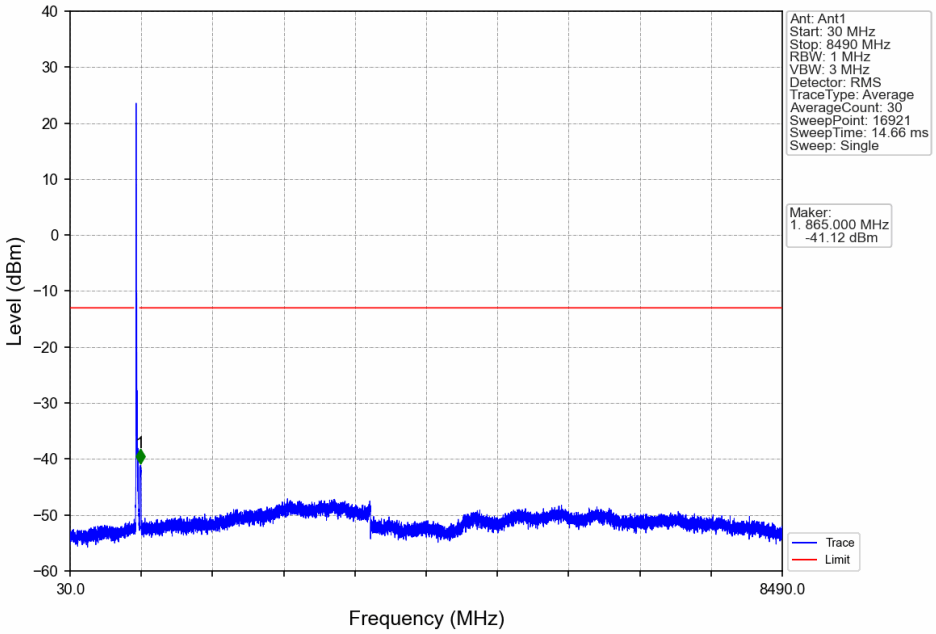
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.153	/	/	/	/	/	/
849	850	0.153	/	1	849.210	-25.25	-13	Pass
850	864	0.1	/	2	850.110	-26.29	-13	Pass

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

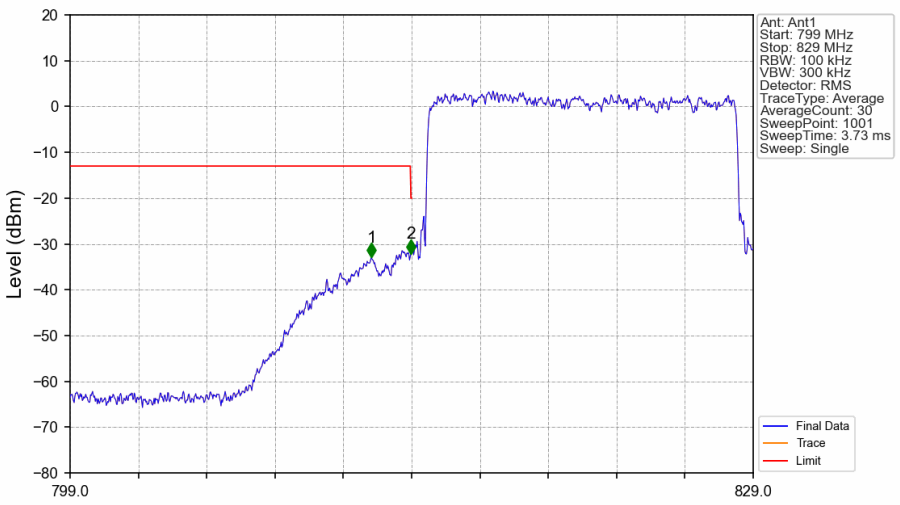


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.996	-61.17	-13	Pass
813	814	0.003	/	2	813.995	-40.43	-20	Pass
814	829	0.003	/	/	/	/	/	/

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

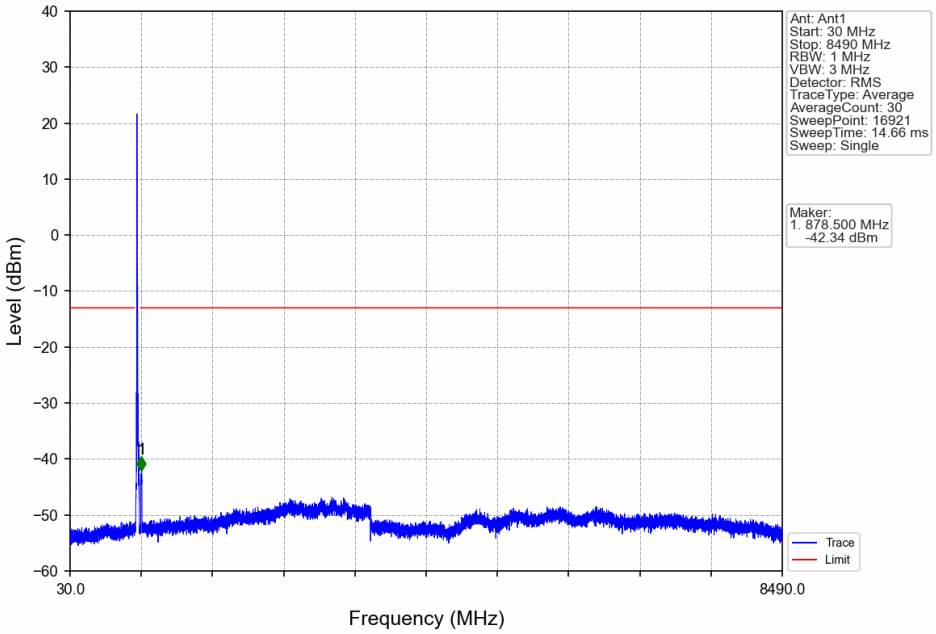


Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV

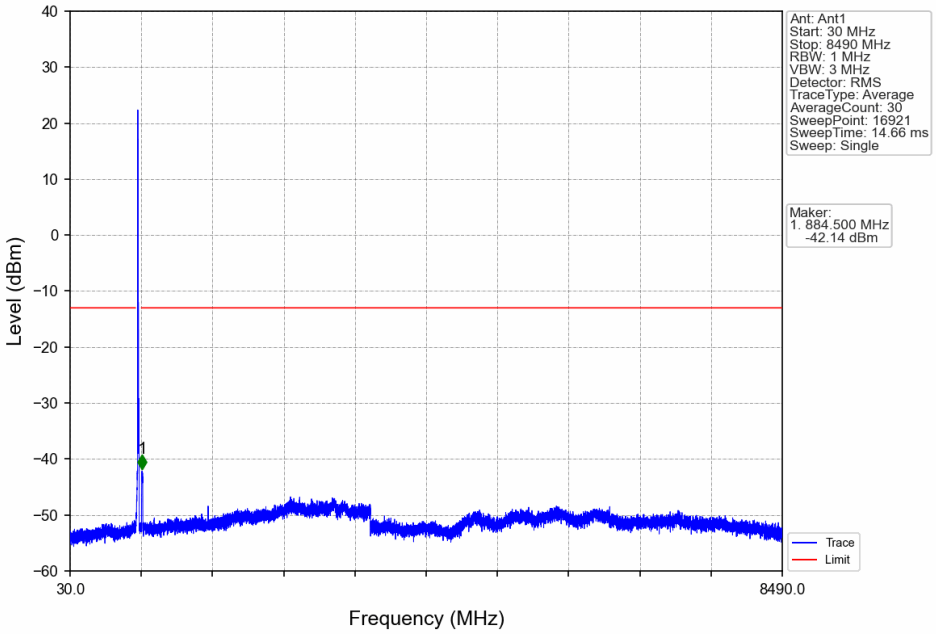


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.230	-32.90	-13	Pass
813	814	0.15	/	2	813.970	-32.11	-20	Pass
814	829	0.15	/	/	/	/	/	/

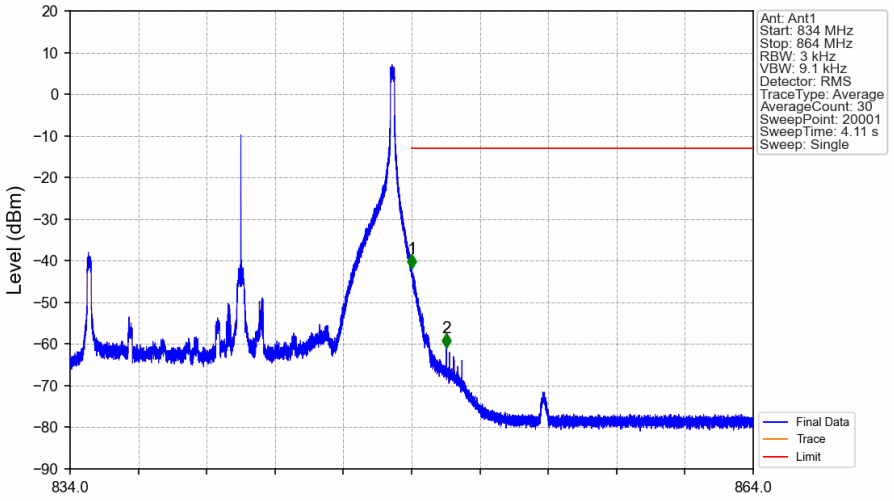
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_0_NTNV

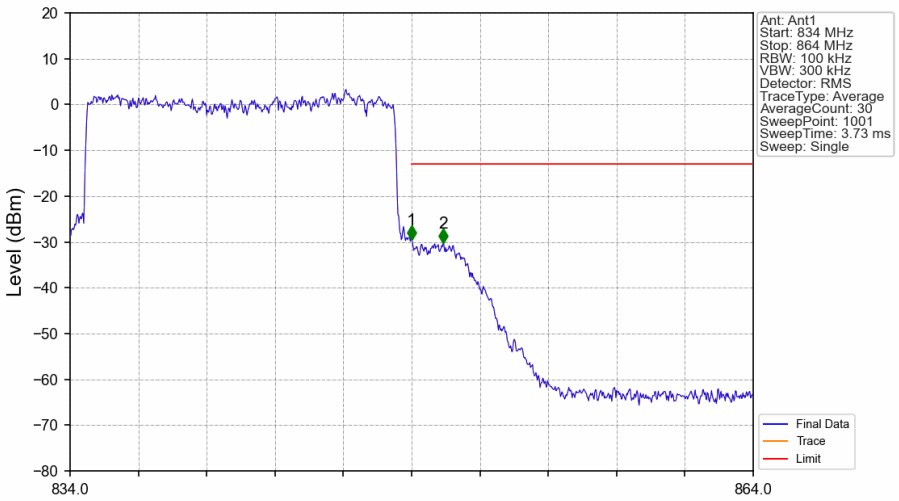


Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_74_NTNV



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	849.016	-41.83	-13	Pass
850	864	0.1	/	2	850.523	-60.86	-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	0.155	/	/	/	/	/	/
849	850	0.155	/	1	849.000	-29.54	-13	Pass
850	864	0.1	/	2	850.380	-30.33	-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	0.2483	0.0136	ppm	13M6G7D	/	23.95
26c	15	821.5	841.5	0.1963	0.0139	ppm	13M6W7D	/	22.93

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	0.1770	0.0136	ppm	13M6G7D	/	22.48
26c	15	821.5	841.5	0.1400	0.0139	ppm	13M6W7D	/	21.46