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	21.99	0.53	20.37	<=38.45	Pass
			38	22.23	0.53	20.61	<=38.45	Pass
			74	22.11	0.53	20.49	<=38.45	Pass
		36	0	21.25	0.53	19.63	<=38.45	Pass
			18	21.29	0.53	19.67	<=38.45	Pass
			39	21.35	0.53	19.73	<=38.45	Pass
		75	0	21.26	0.53	19.64	<=38.45	Pass
	831.5	1	0	22.12	0.53	20.50	<=38.45	Pass
			38	22.36	0.53	20.74	<=38.45	Pass
			74	22.01	0.53	20.39	<=38.45	Pass
		36	0	21.25	0.53	19.63	<=38.45	Pass
			18	21.34	0.53	19.72	<=38.45	Pass
			39	21.21	0.53	19.59	<=38.45	Pass
		75	0	21.24	0.53	19.62	<=38.45	Pass
	841.5	1	0	22.07	0.53	20.45	<=38.45	Pass
			38	22.16	0.53	20.54	<=38.45	Pass
			74	21.94	0.53	20.32	<=38.45	Pass
		36	0	21.28	0.53	19.66	<=38.45	Pass
			18	21.24	0.53	19.62	<=38.45	Pass
			39	21.12	0.53	19.50	<=38.45	Pass
		75	0	21.19	0.53	19.57	<=38.45	Pass
16QAM	821.5	1	0	21.64	0.53	20.02	<=38.45	Pass
			38	21.90	0.53	20.28	<=38.45	Pass
			74	21.67	0.53	20.05	<=38.45	Pass
		36	0	20.23	0.53	18.61	<=38.45	Pass
			18	20.35	0.53	18.73	<=38.45	Pass
			39	20.36	0.53	18.74	<=38.45	Pass
		75	0	20.30	0.53	18.68	<=38.45	Pass
	831.5	1	0	21.36	0.53	19.74	<=38.45	Pass
			38	21.48	0.53	19.86	<=38.45	Pass
			74	21.23	0.53	19.61	<=38.45	Pass
		36	0	20.33	0.53	18.71	<=38.45	Pass
			18	20.39	0.53	18.77	<=38.45	Pass
			39	20.27	0.53	18.65	<=38.45	Pass
		75	0	20.27	0.53	18.65	<=38.45	Pass
	841.5	1	0	21.56	0.53	19.94	<=38.45	Pass
			38	21.53	0.53	19.91	<=38.45	Pass
			74	21.37	0.53	19.75	<=38.45	Pass
		36	0	20.26	0.53	18.64	<=38.45	Pass
			18	20.20	0.53	18.58	<=38.45	Pass
			39	20.15	0.53	18.53	<=38.45	Pass
		75	0	20.22	0.53	18.60	<=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	-3.633	-0.0044	-2.5 to 2.5	Pass
					3.85	-6.337	-0.0077	-2.5 to 2.5	Pass
					4.43	-5.865	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-5.107	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-6.137	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-4.878	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-3.576	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-5.651	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-2.761	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-5.879	-0.0072	-2.5 to 2.5	Pass
				50	3.85	-3.662	-0.0045	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-5.994	-0.0072	-2.5 to 2.5	Pass
					3.85	-6.251	-0.0075	-2.5 to 2.5	Pass
					4.43	-10.672	-0.0128	-2.5 to 2.5	Pass
				-30	3.85	-6.881	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-6.237	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-6.423	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-8.383	-0.0101	-2.5 to 2.5	Pass
				10	3.85	-2.303	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-6.309	-0.0076	-2.5 to 2.5	Pass
				40	3.85	-3.376	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-4.749	-0.0057	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-7.453	-0.0089	-2.5 to 2.5	Pass
					3.85	-4.621	-0.0055	-2.5 to 2.5	Pass
					4.43	-6.580	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	-3.991	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-5.836	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-4.535	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-5.579	-0.0066	-2.5 to 2.5	Pass
				10	3.85	-5.608	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-6.666	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-4.706	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-9.069	-0.0108	-2.5 to 2.5	Pass
16QAM	821.5	75	0	20	3.27	-7.110	-0.0087	-2.5 to 2.5	Pass
					3.85	-4.735	-0.0058	-2.5 to 2.5	Pass
					4.43	-7.610	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-3.805	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-8.998	-0.0110	-2.5 to 2.5	Pass
				-10	3.85	-3.948	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-5.250	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-4.392	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-3.448	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-2.332	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-3.119	-0.0038	-2.5 to 2.5	Pass

	831.5	75	0	20	3.27	-4.878	-0.0059	-2.5 to 2.5	Pass
					3.85	-3.204	-0.0039	-2.5 to 2.5	Pass
					4.43	-6.795	-0.0082	-2.5 to 2.5	Pass
				-30	3.85	-4.864	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-10.328	-0.0124	-2.5 to 2.5	Pass
				-10	3.85	-8.612	-0.0104	-2.5 to 2.5	Pass
				0	3.85	-4.792	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-7.596	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-7.138	-0.0086	-2.5 to 2.5	Pass
				40	3.85	-9.298	-0.0112	-2.5 to 2.5	Pass
				50	3.85	-5.879	-0.0071	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-7.696	-0.0091	-2.5 to 2.5	Pass
					3.85	-4.234	-0.0050	-2.5 to 2.5	Pass
					4.43	-3.519	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-6.924	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-5.722	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-1.602	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-3.948	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-6.423	-0.0076	-2.5 to 2.5	Pass
				30	3.85	-3.648	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-1.388	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-4.406	-0.0052	-2.5 to 2.5	Pass

3. Modulation Characteristics

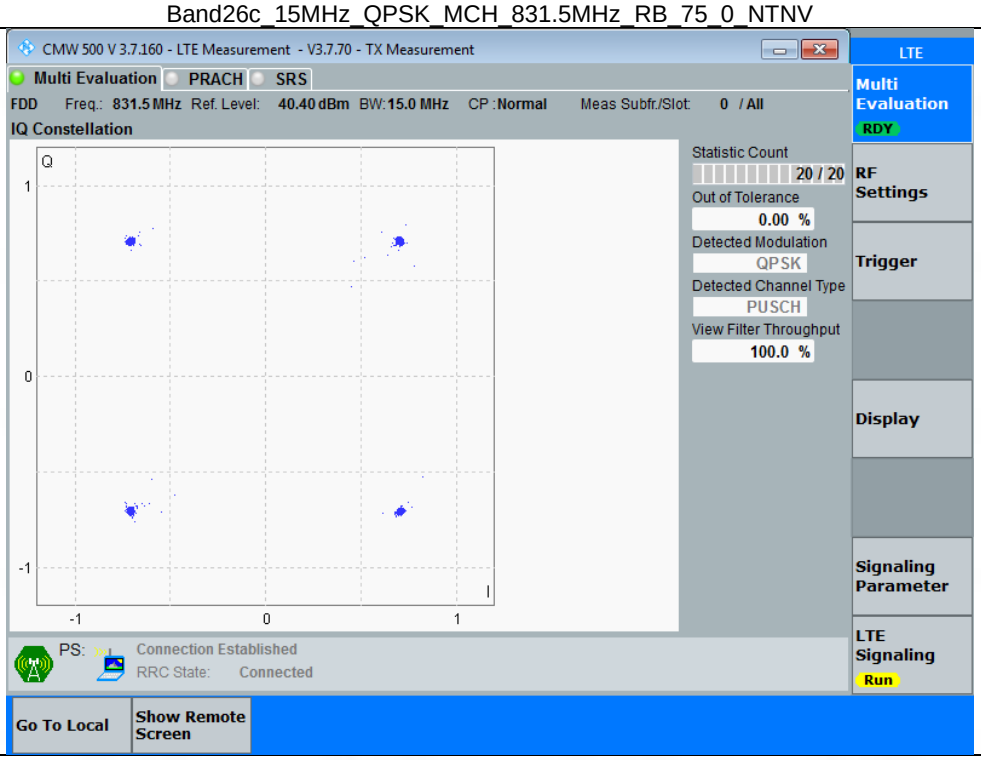
3.1 B26c_15MHz

3.1.1 Test Result

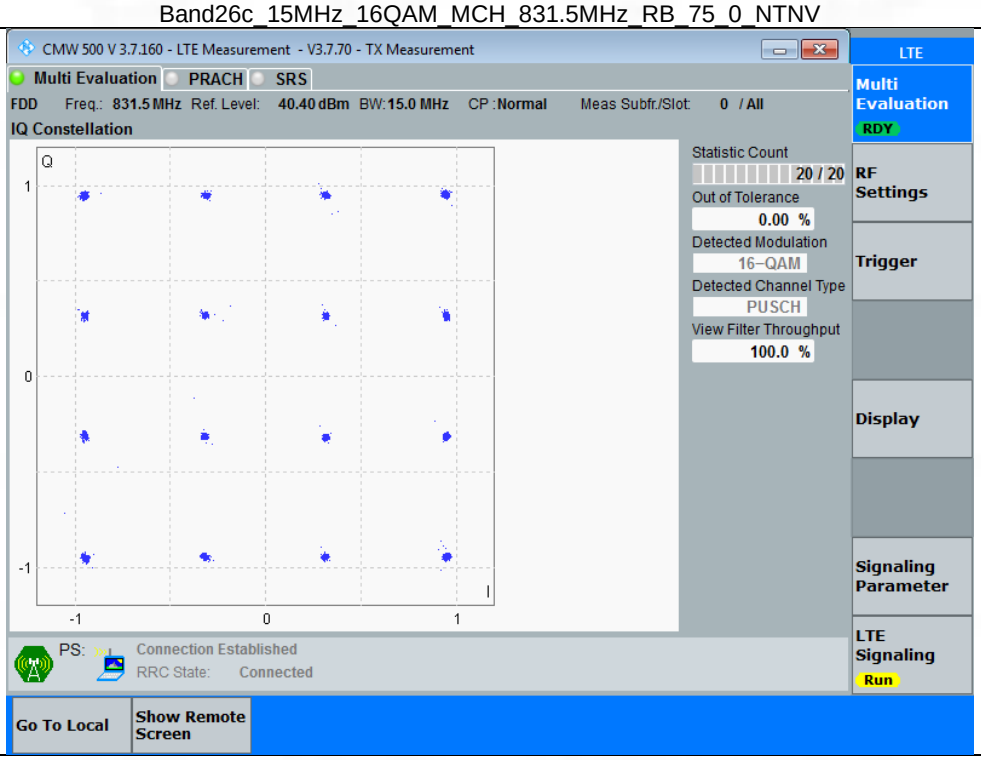
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	75	0	Refer To Test Graph		Pass
16QAM	831.5	75	0	Refer To Test Graph		Pass

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

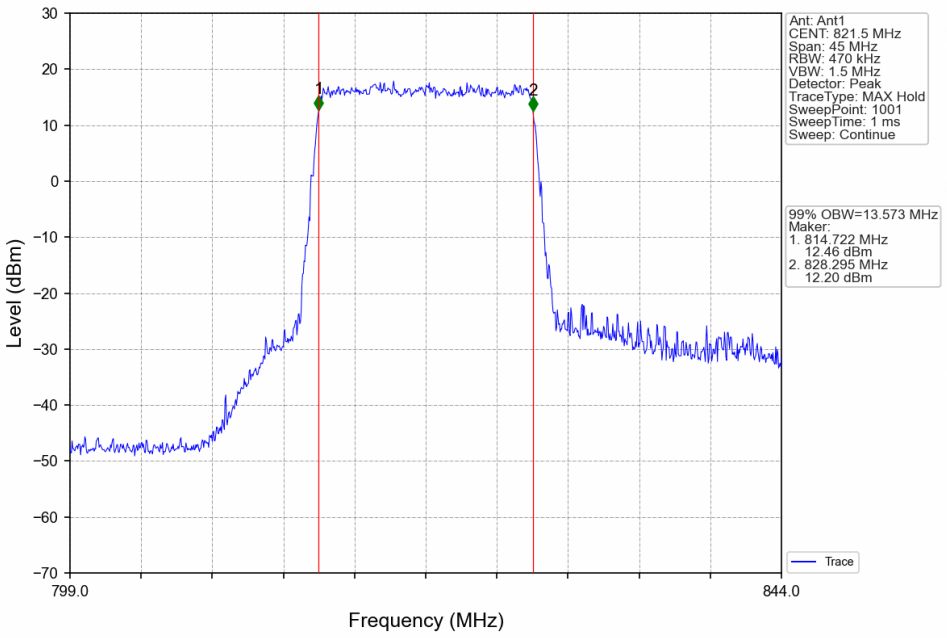
4.1 Band26c_OBW

4.1.1 Test Result

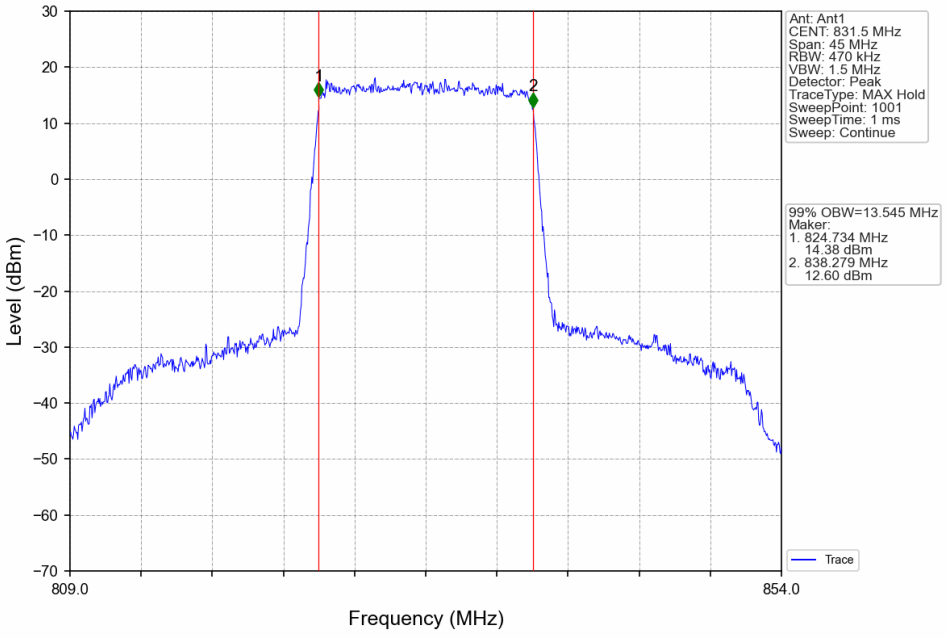
Band: 26c / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	13.573	Pass
		831.5	75	0	13.545	Pass
		841.5	75	0	13.544	Pass
	16QAM	821.5	75	0	13.560	Pass
		831.5	75	0	13.520	Pass
		841.5	75	0	13.568	Pass

4.1.2 Test Graph

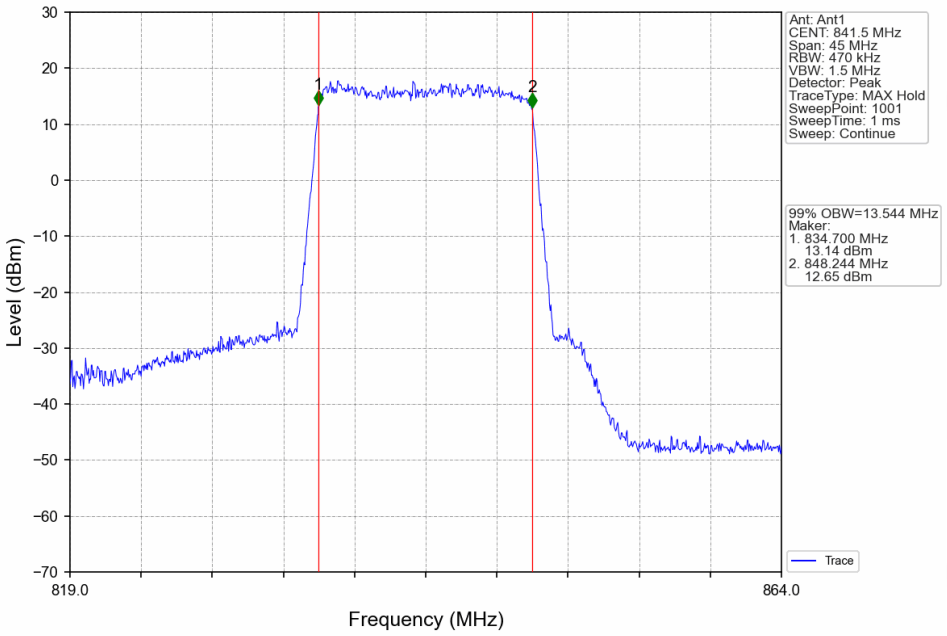
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



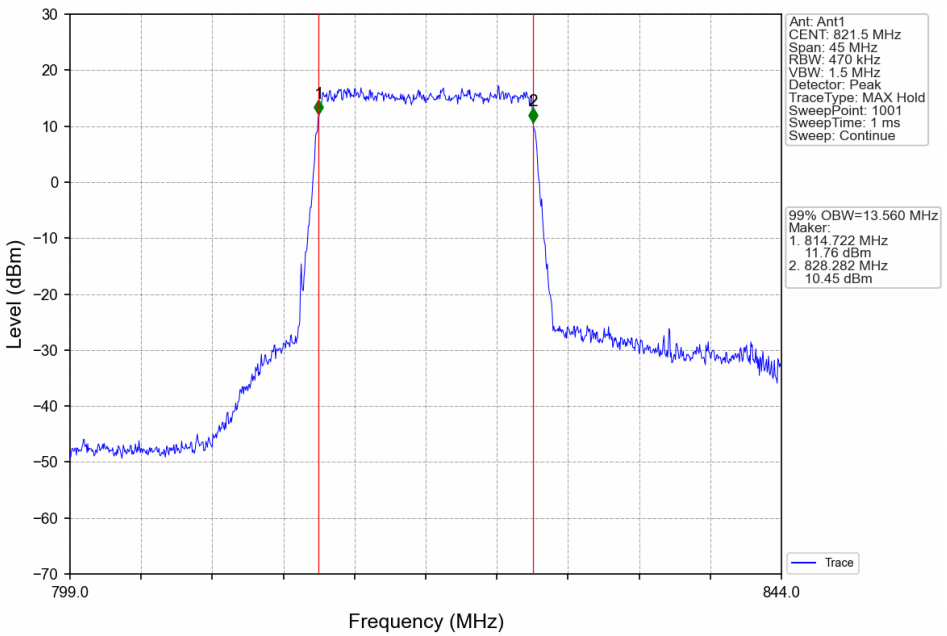
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



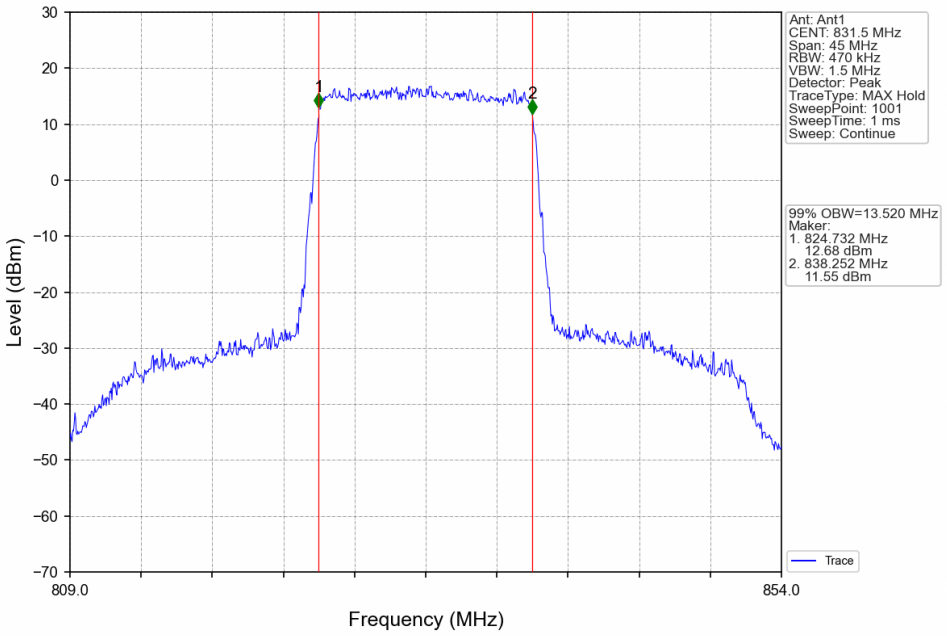
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



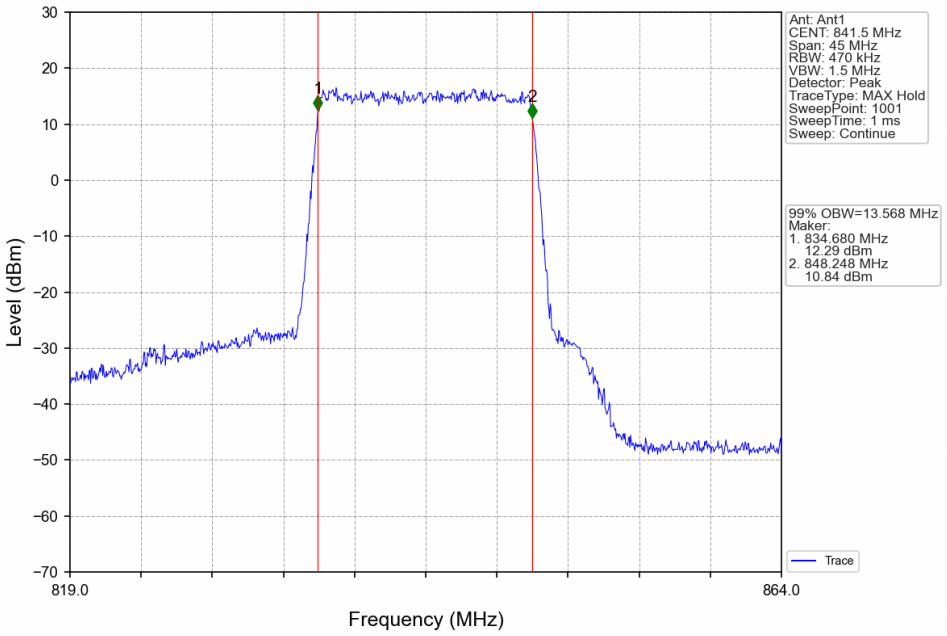
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



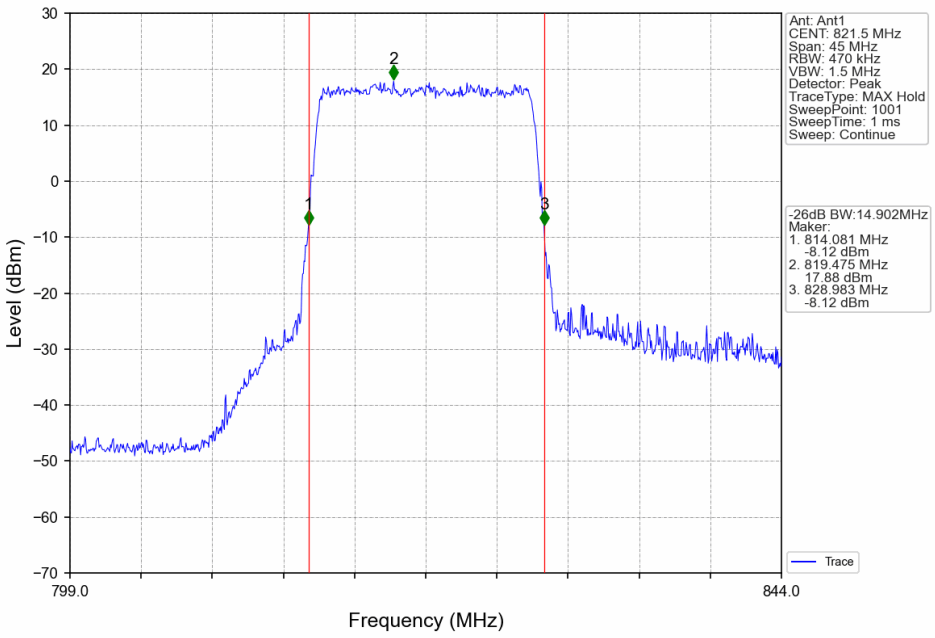
4.2 Band26c_XDB

4.2.1 Test Result

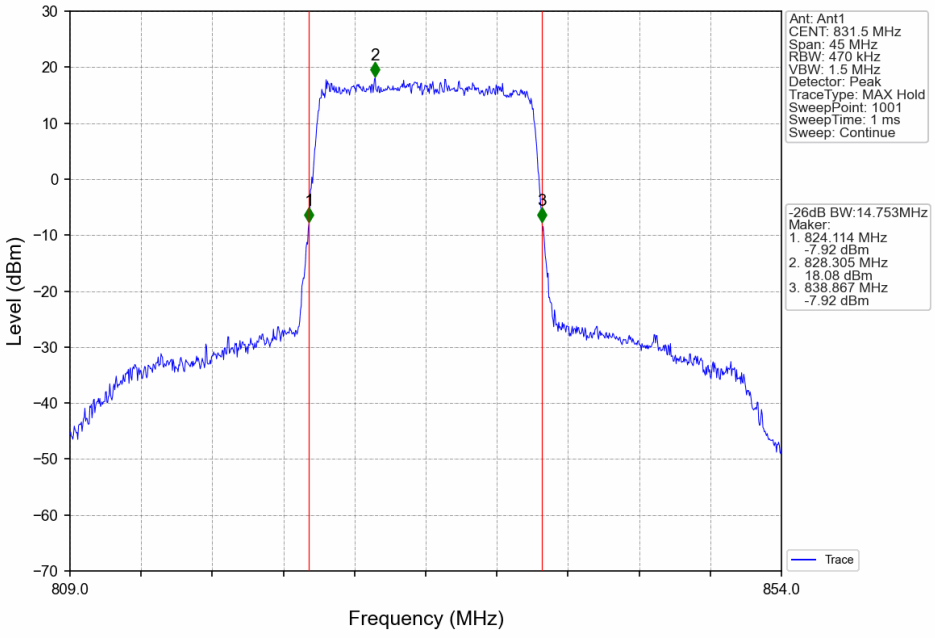
Band: 26c / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	14.902	Pass
		831.5	75	0	14.753	Pass
		841.5	75	0	14.844	Pass
	16QAM	821.5	75	0	14.891	Pass
		831.5	75	0	14.903	Pass
		841.5	75	0	14.844	Pass

4.2.2 Test Graph

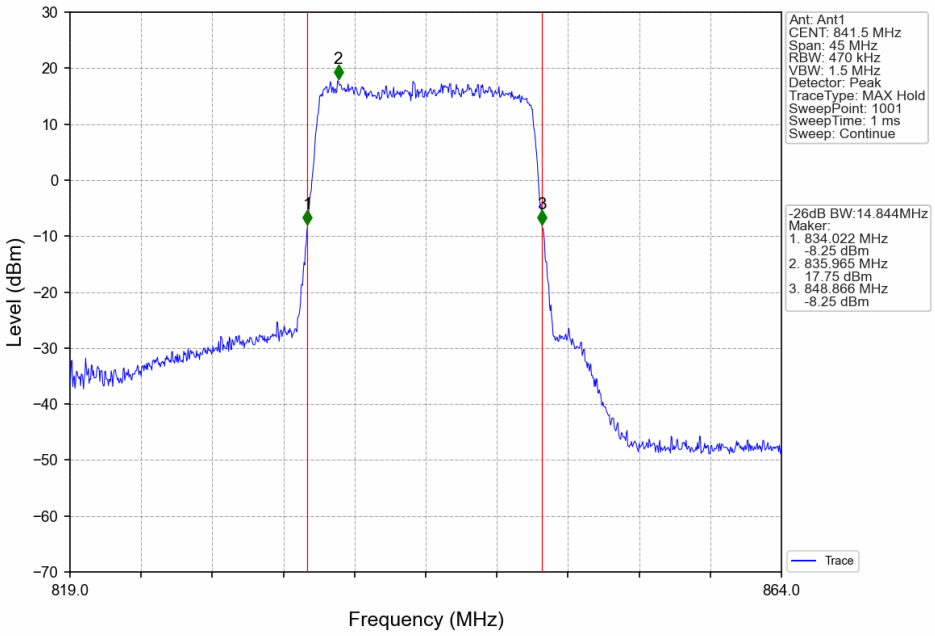
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



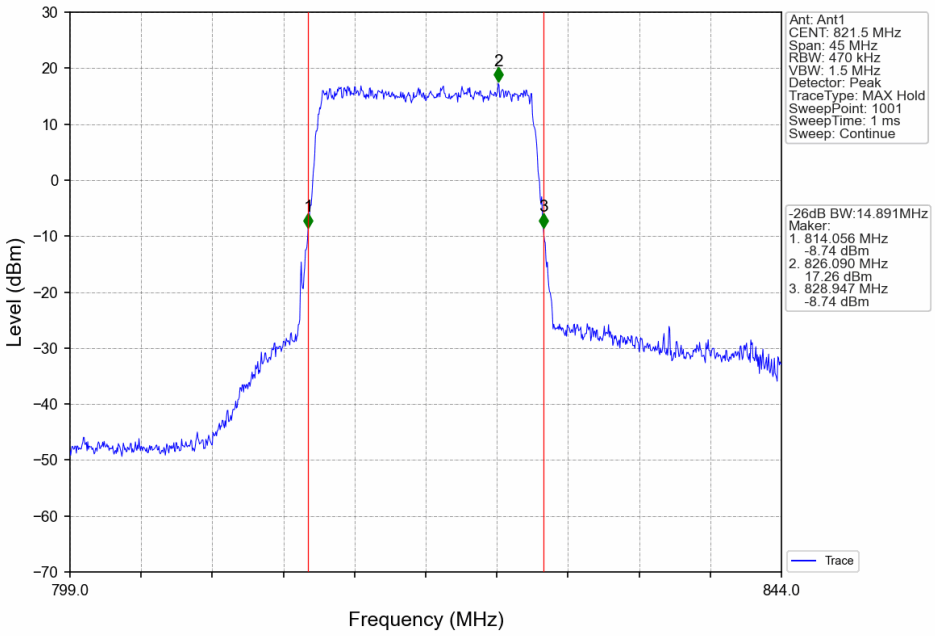
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



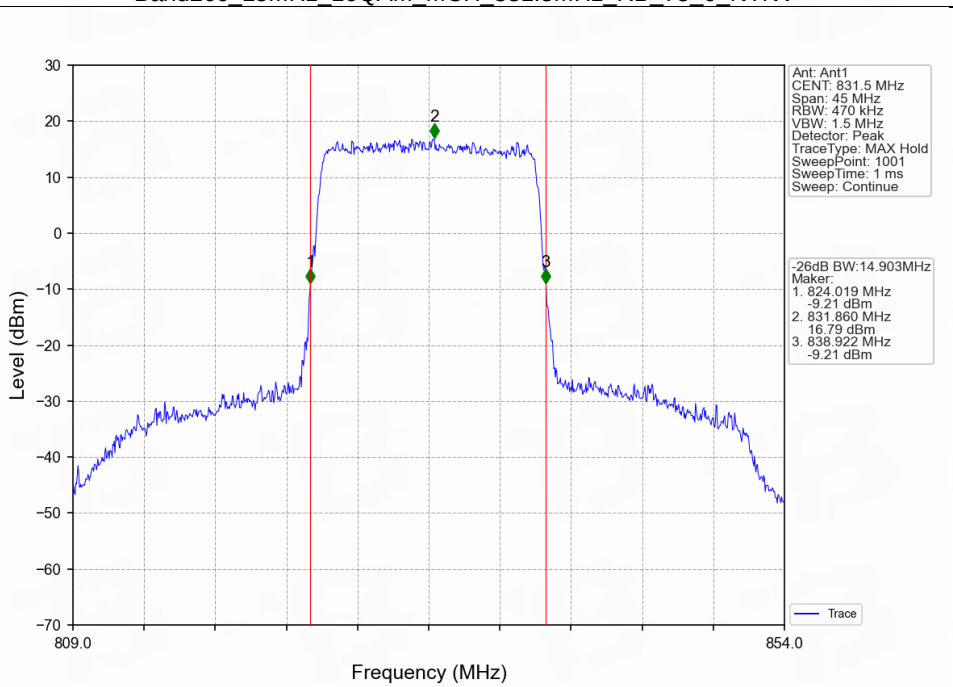
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



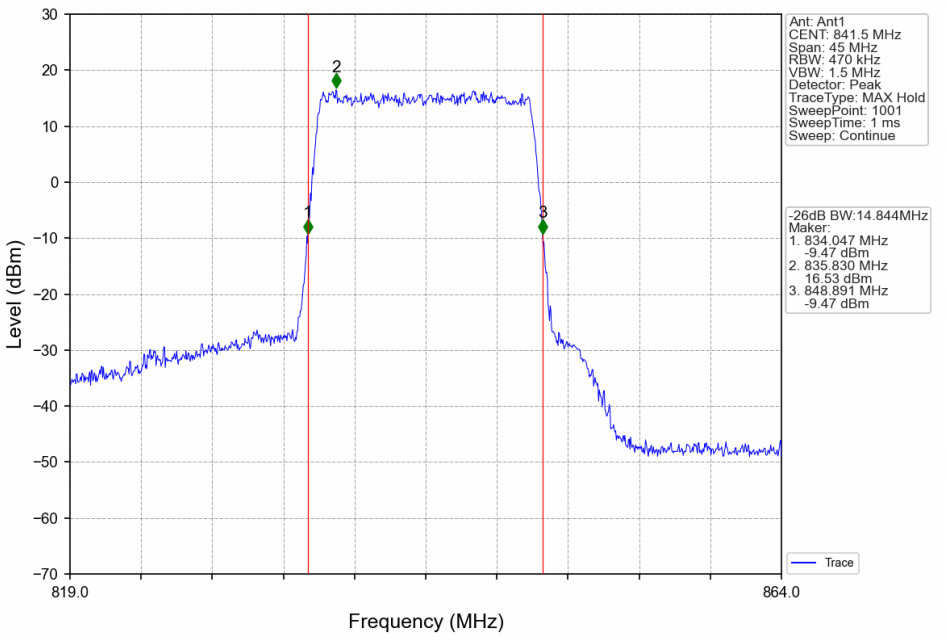
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



5. Peak-Average Ratio

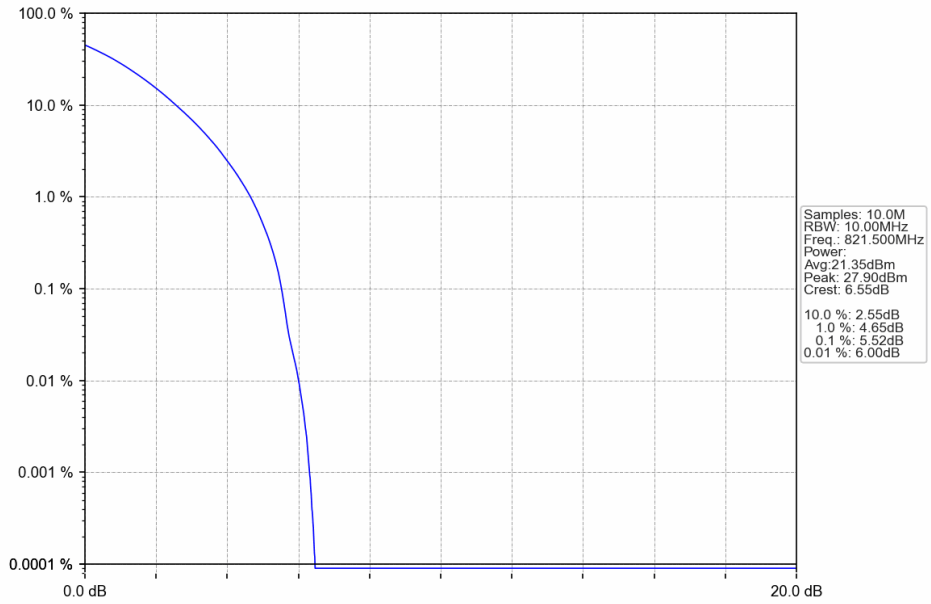
5.1 B26c_15MHz

5.1.1 Test Result

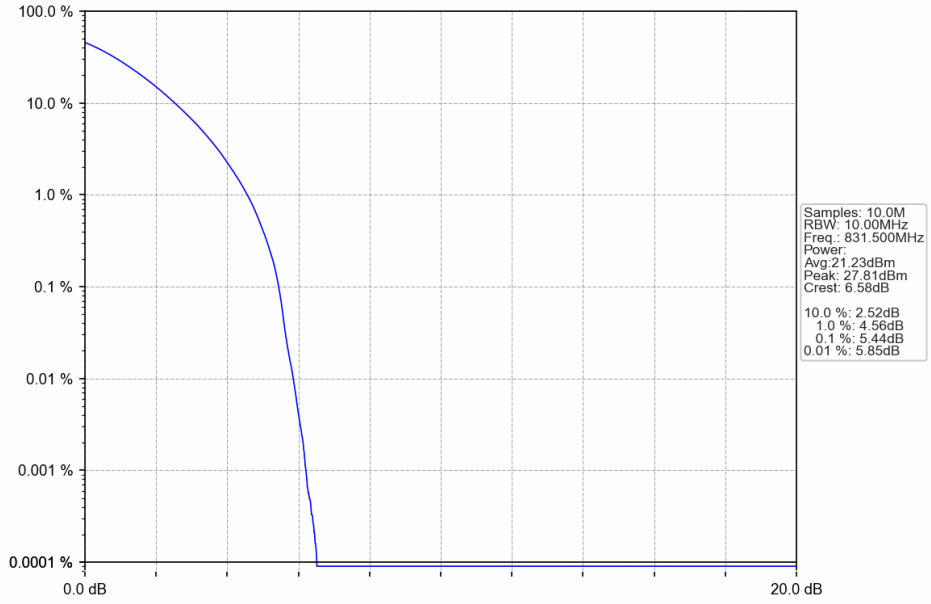
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	5.52	<=13	Pass
	831.5	75	0	5.44	<=13	Pass
	841.5	75	0	5.54	<=13	Pass
16QAM	821.5	75	0	6.27	<=13	Pass
	831.5	75	0	6.25	<=13	Pass
	841.5	75	0	6.33	<=13	Pass

5.1.2 Test Graph

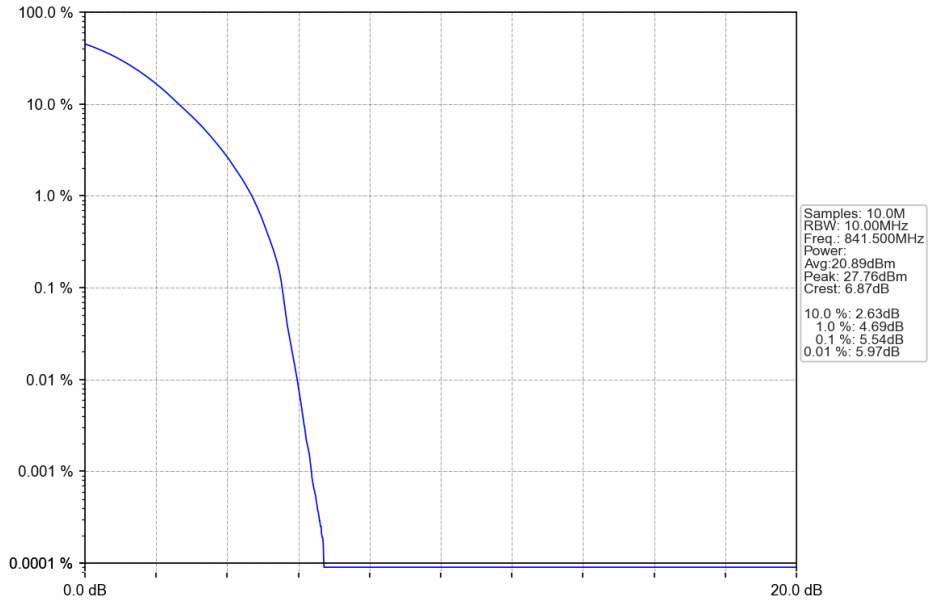
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



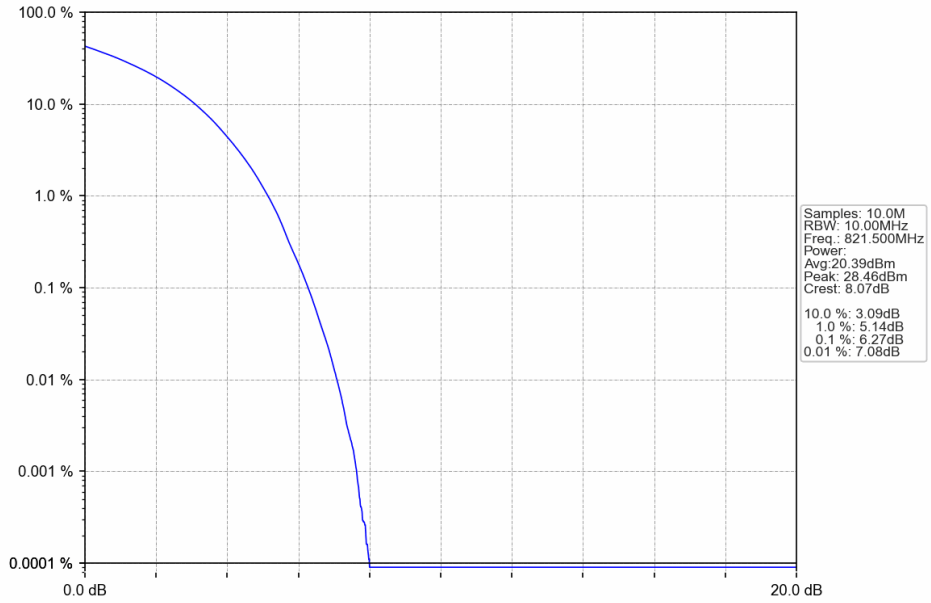
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



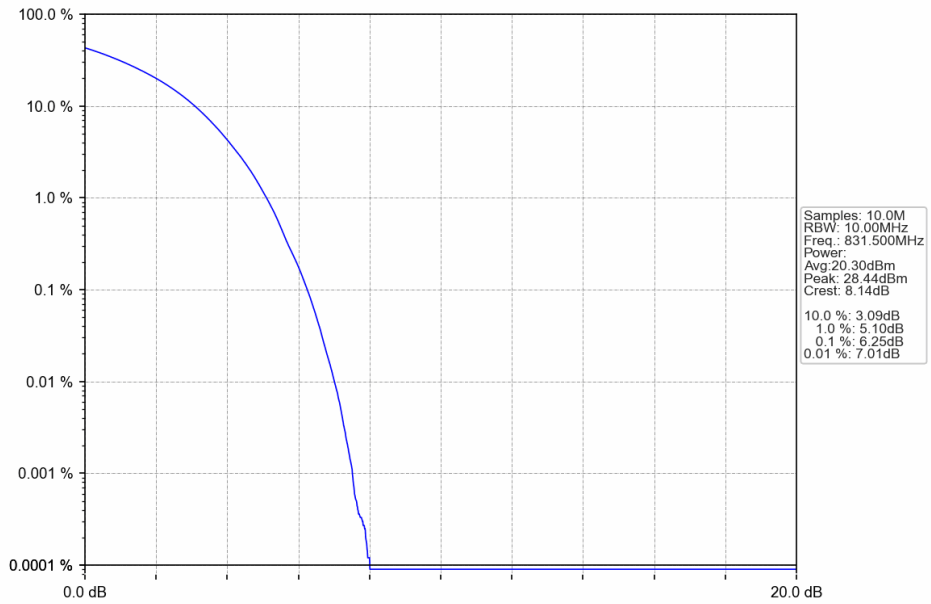
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



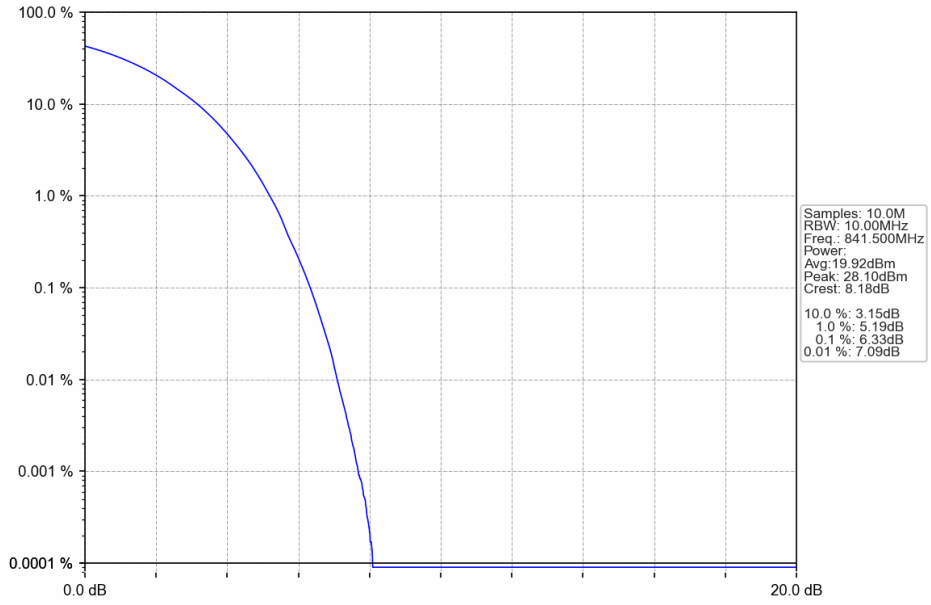
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



6. Spurious Emission

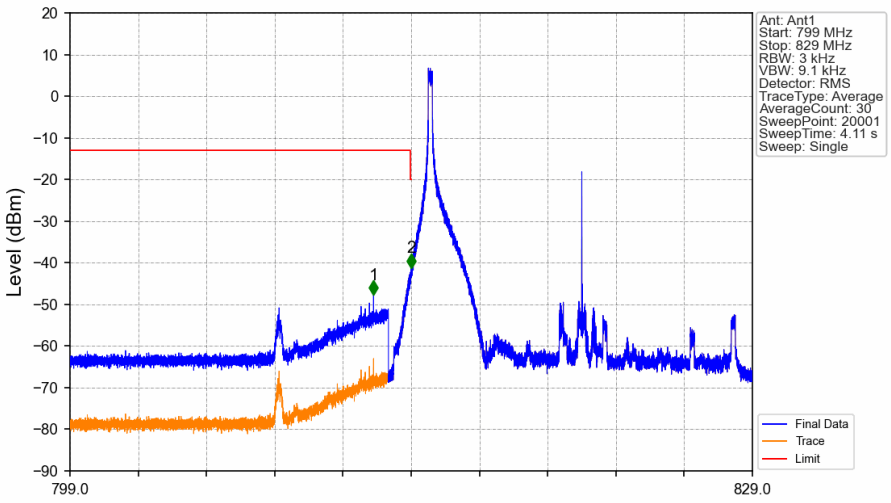
6.1 B26c_15MHz

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

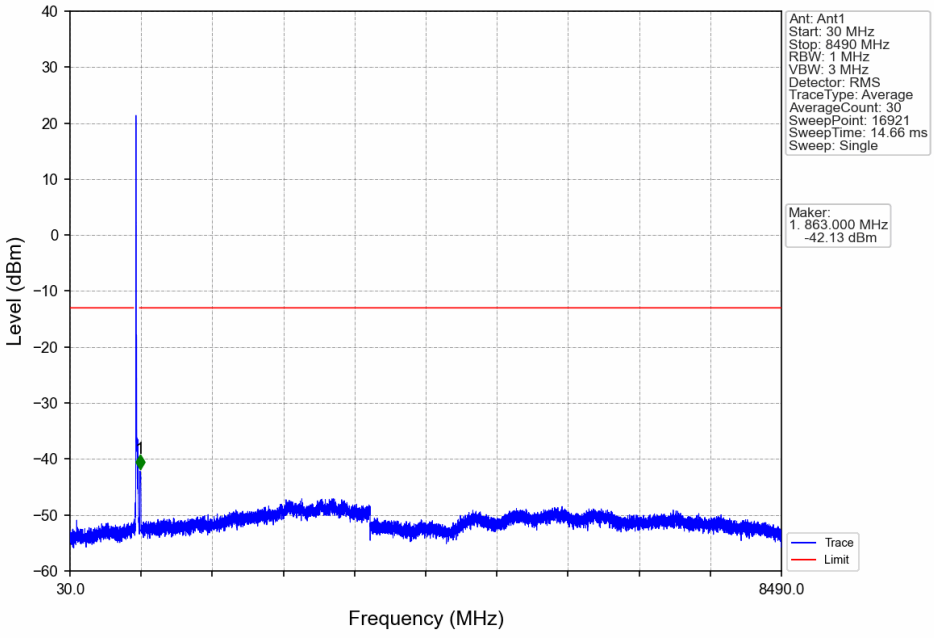
6.1.2 Test Graph

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

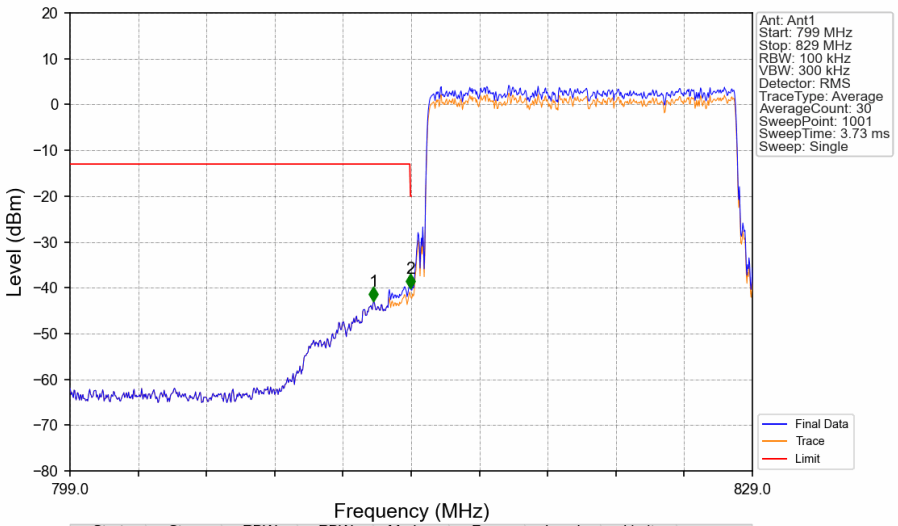


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	15.23	1	812.346	-47.76	-13	Pass
813	814	0.003	0	2	813.999	-41.24	-20	Pass
814	829	0.003	0	/	/	/	/	/

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

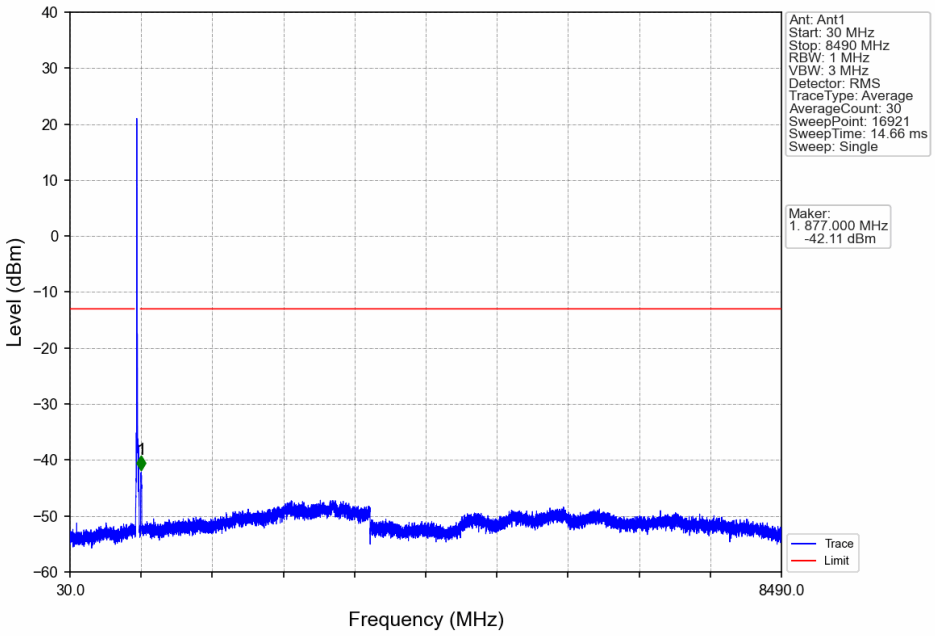


Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV

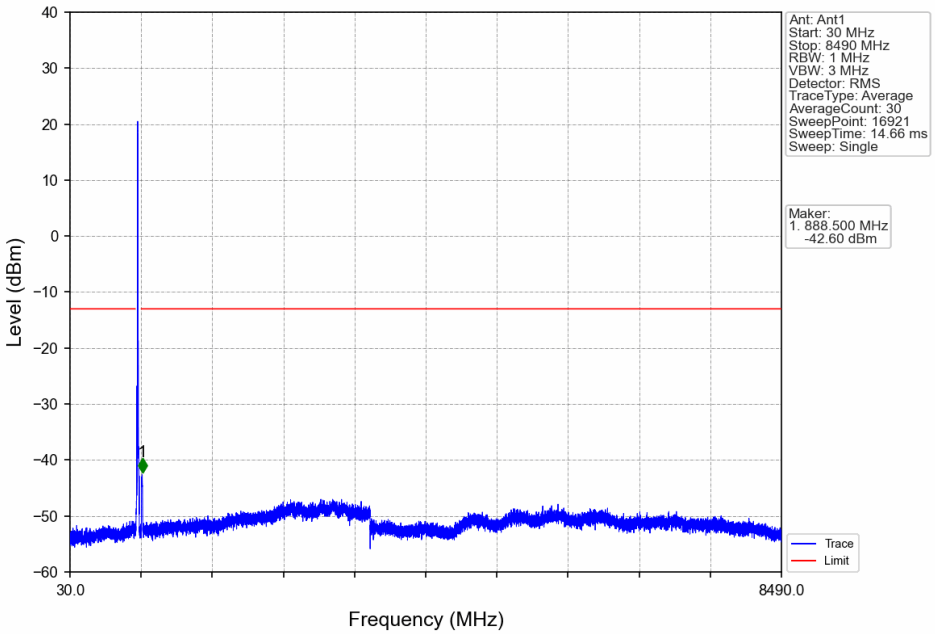


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	0	1	812.350	-43.01	-13	Pass
813	814	0.149	1.73	2	813.970	-40.09	-20	Pass
814	829	0.149	1.73	/	/	/	/	/

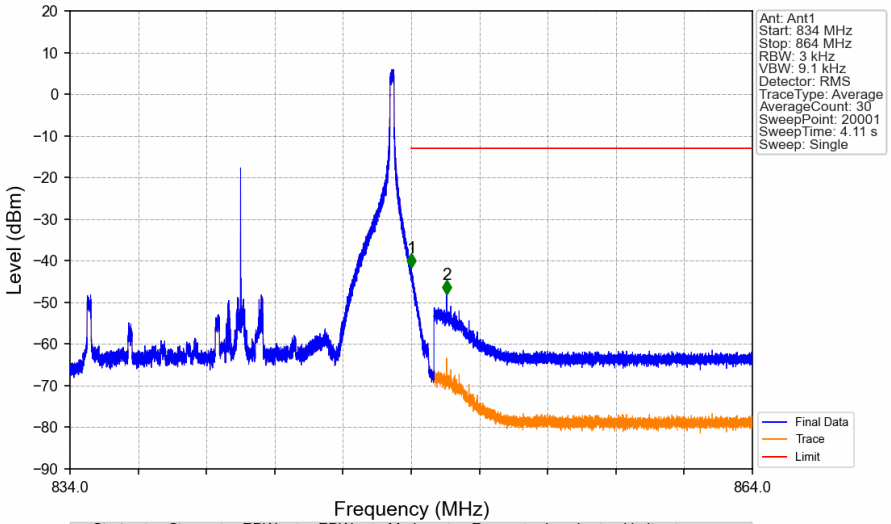
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV

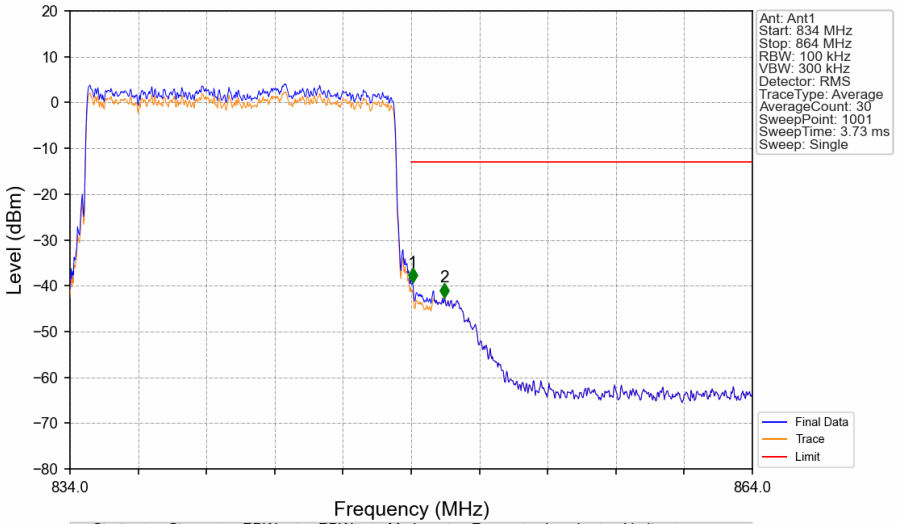


Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_74_NTNV



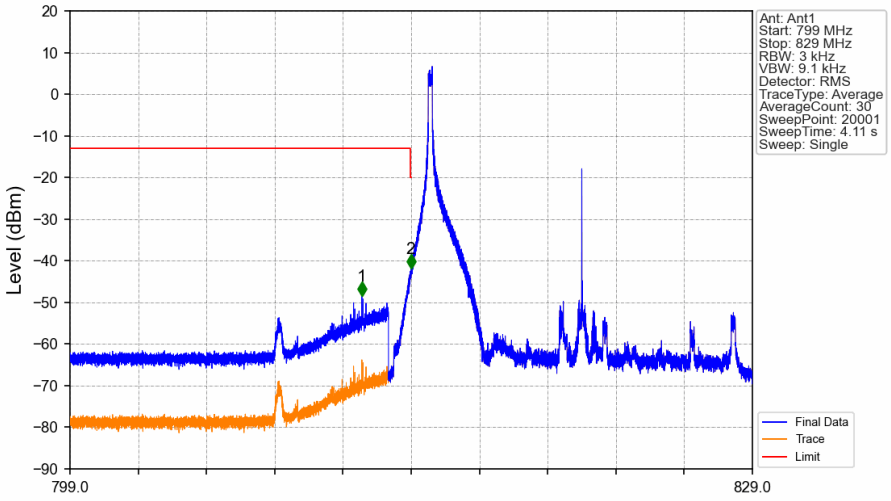
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	0	/	/	/	/	/
849	850	0.003	0	1	849.005	-41.75	-13	Pass
850	864	0.1	15.23	2	850.558	-48.11	-13	Pass

Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



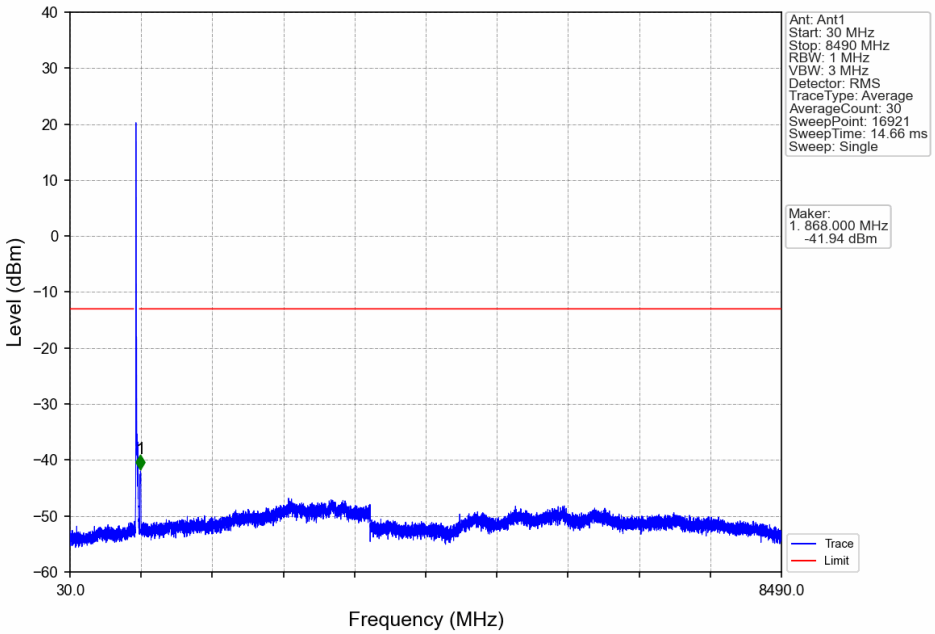
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.148	1.7	/	/	/	/	/
849	850	0.148	1.7	1	849.060	-39.27	-13	Pass
850	864	0.1	0	2	850.470	-42.54	-13	Pass

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

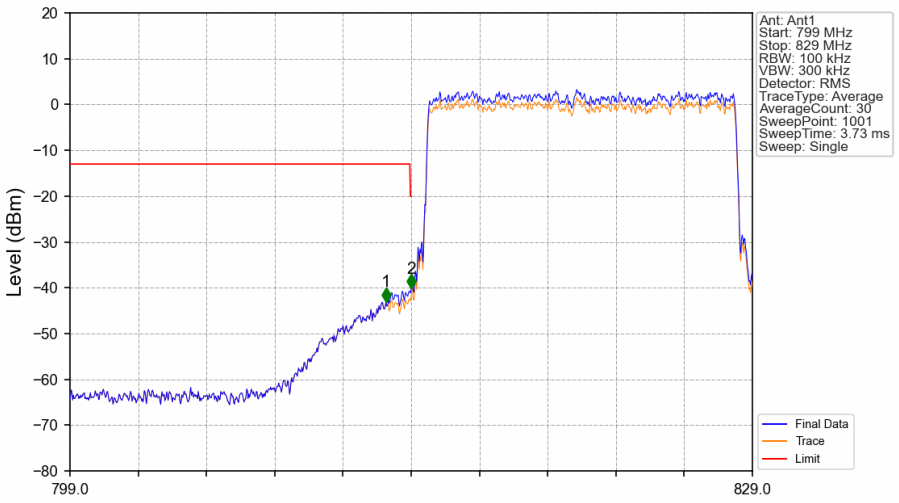


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	15.23	1	811.832	-48.56	-13	Pass
813	814	0.003	0	2	813.985	-41.84	-20	Pass
814	829	0.003	0	/	/	/	/	/

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

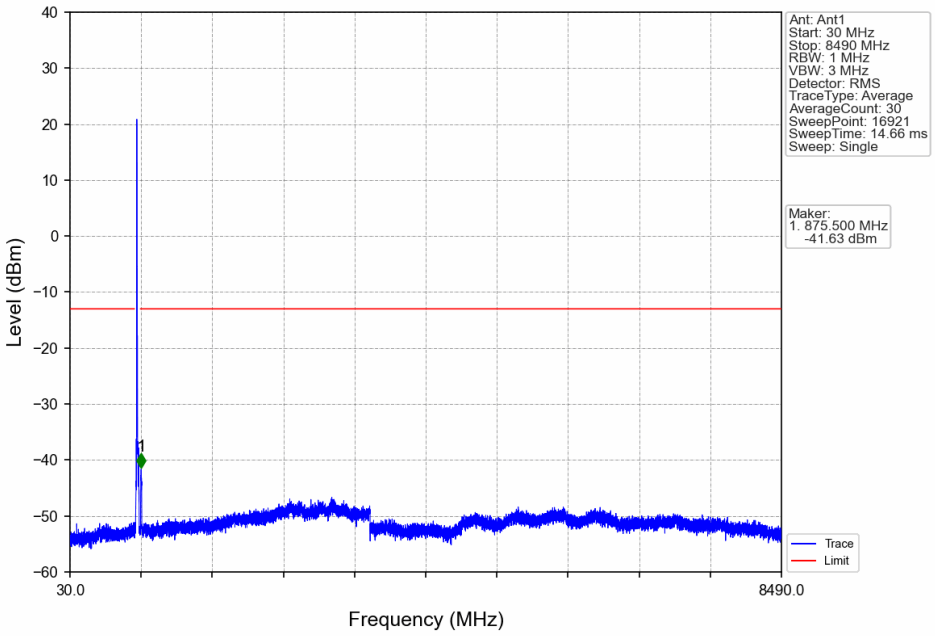


Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV

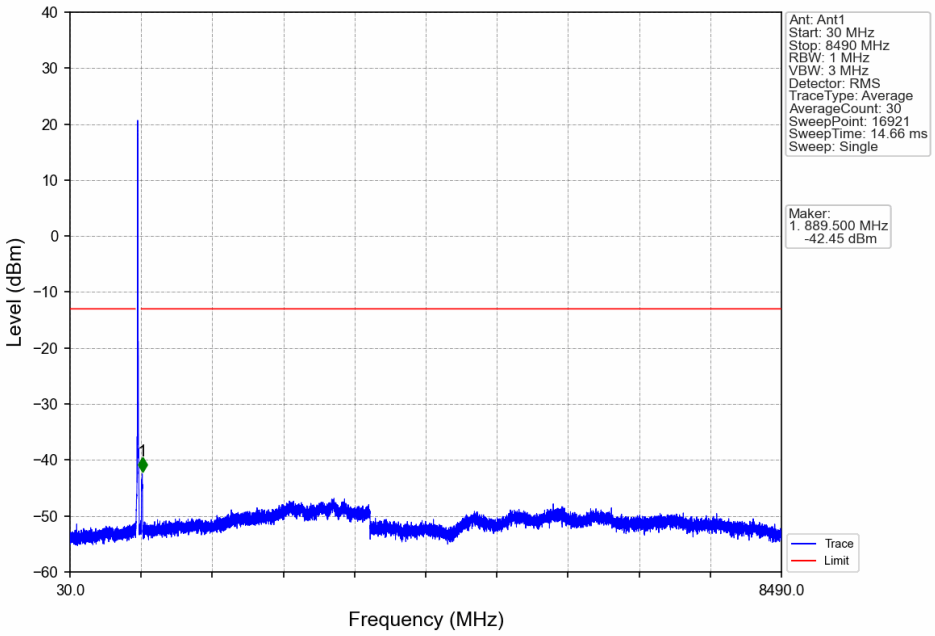


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	0	1	812.890	-43.06	-13	Pass
813	814	0.149	1.73	2	814.000	-40.12	-20	Pass
814	829	0.149	1.73	/	/	/	/	/

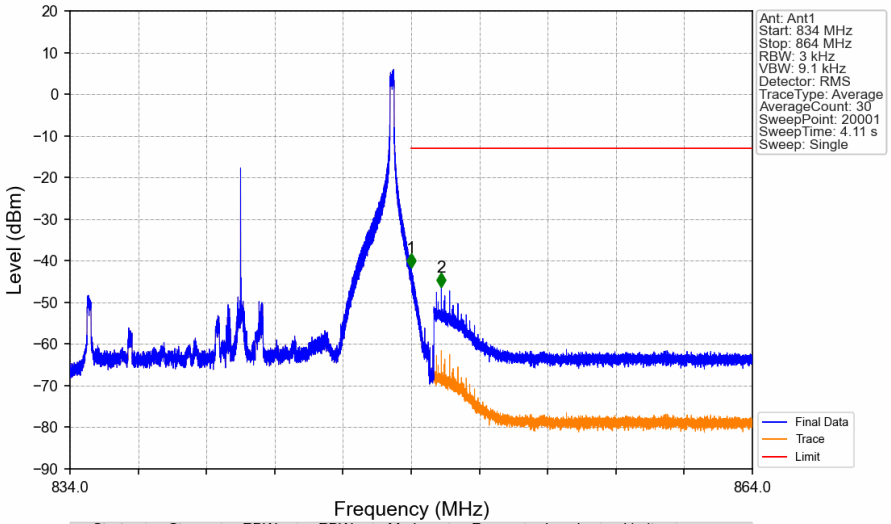
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_0_NTNV

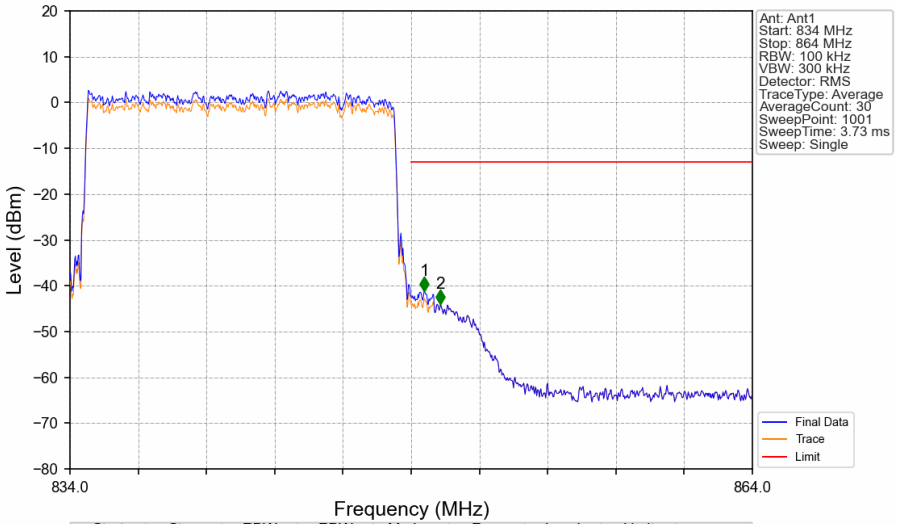


Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_74_NTNV



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	-41.65	-13	Pass
850	864	0.1	15.23	2	850.326	-46.34	-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	0.148	1.7	/	/	/	/	/
849	850	0.148	1.7	1	849.570	-41.11	-13	Pass
850	864	0.1	0	2	850.290	-43.95	-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	0.1722	0.0128	ppm	13M6G7D	/	22.36
26c	15	821.5	841.5	0.1549	0.0124	ppm	13M6W7D	/	21.90

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	0.1186	0.0128	ppm	13M6G7D	/	20.74
26c	15	821.5	841.5	0.1067	0.0124	ppm	13M6W7D	/	20.28