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	22.20	-0.42	19.63	<=38.45	Pass
			38	22.38	-0.42	19.81	<=38.45	Pass
			74	22.28	-0.42	19.71	<=38.45	Pass
		36	0	21.27	-0.42	18.70	<=38.45	Pass
			18	21.36	-0.42	18.79	<=38.45	Pass
			39	21.35	-0.42	18.78	<=38.45	Pass
		75	0	21.35	-0.42	18.78	<=38.45	Pass
	831.5	1	0	22.22	-0.42	19.65	<=38.45	Pass
			38	22.24	-0.42	19.67	<=38.45	Pass
			74	22.18	-0.42	19.61	<=38.45	Pass
		36	0	21.36	-0.42	18.79	<=38.45	Pass
			18	21.35	-0.42	18.78	<=38.45	Pass
			39	21.30	-0.42	18.73	<=38.45	Pass
		75	0	21.36	-0.42	18.79	<=38.45	Pass
	841.5	1	0	22.18	-0.42	19.61	<=38.45	Pass
			38	22.21	-0.42	19.64	<=38.45	Pass
			74	22.18	-0.42	19.61	<=38.45	Pass
		36	0	21.34	-0.42	18.77	<=38.45	Pass
			18	21.36	-0.42	18.79	<=38.45	Pass
			39	21.29	-0.42	18.72	<=38.45	Pass
		75	0	21.16	-0.42	18.59	<=38.45	Pass
16QAM	821.5	1	0	21.30	-0.42	18.73	<=38.45	Pass
			38	21.40	-0.42	18.83	<=38.45	Pass
			74	21.32	-0.42	18.75	<=38.45	Pass
		36	0	20.29	-0.42	17.72	<=38.45	Pass
			18	20.29	-0.42	17.72	<=38.45	Pass
			39	20.34	-0.42	17.77	<=38.45	Pass
		75	0	20.26	-0.42	17.69	<=38.45	Pass
	831.5	1	0	21.44	-0.42	18.87	<=38.45	Pass
			38	21.53	-0.42	18.96	<=38.45	Pass
			74	21.38	-0.42	18.81	<=38.45	Pass
		36	0	20.35	-0.42	17.78	<=38.45	Pass
			18	20.35	-0.42	17.78	<=38.45	Pass
			39	20.33	-0.42	17.76	<=38.45	Pass
		75	0	20.35	-0.42	17.78	<=38.45	Pass
	841.5	1	0	21.26	-0.42	18.69	<=38.45	Pass
			38	21.21	-0.42	18.64	<=38.45	Pass
			74	21.18	-0.42	18.61	<=38.45	Pass
		36	0	19.81	-0.42	17.24	<=38.45	Pass
			18	19.79	-0.42	17.22	<=38.45	Pass
			39	19.75	-0.42	17.18	<=38.45	Pass
		75	0	19.80	-0.42	17.23	<=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	-8.912	-0.0108	-2.5 to 2.5	Pass
					3.85	-5.078	-0.0062	-2.5 to 2.5	Pass
					4.43	-6.080	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-7.453	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-4.535	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-6.523	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-7.854	-0.0096	-2.5 to 2.5	Pass
				10	3.85	-5.479	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-8.368	-0.0102	-2.5 to 2.5	Pass
				40	3.85	-6.266	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-5.636	-0.0069	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-1.960	-0.0024	-2.5 to 2.5	Pass
					3.85	-3.834	-0.0046	-2.5 to 2.5	Pass
					4.43	-6.938	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-4.048	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-4.177	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-5.221	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-5.565	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-7.253	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-4.005	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-5.679	-0.0068	-2.5 to 2.5	Pass
				50	3.85	-5.364	-0.0065	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-7.381	-0.0088	-2.5 to 2.5	Pass
					3.85	-7.582	-0.0090	-2.5 to 2.5	Pass
					4.43	-6.766	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-6.595	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-6.452	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-5.121	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-3.519	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-5.980	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-6.580	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-9.699	-0.0115	-2.5 to 2.5	Pass
				50	3.85	-7.753	-0.0092	-2.5 to 2.5	Pass
16QAM	821.5	75	0	20	3.27	-5.193	-0.0063	-2.5 to 2.5	Pass
					3.85	-7.038	-0.0086	-2.5 to 2.5	Pass
					4.43	-6.967	-0.0085	-2.5 to 2.5	Pass
				-30	3.85	-7.339	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	-5.965	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-5.164	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-5.751	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-4.706	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-5.665	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-8.540	-0.0104	-2.5 to 2.5	Pass
				50	3.85	-4.849	-0.0059	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-7.181	-0.0086	-2.5 to 2.5	Pass
					3.85	-5.951	-0.0072	-2.5 to 2.5	Pass
					4.43	-5.178	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-7.496	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-5.164	-0.0062	-2.5 to 2.5	Pass

				-10	3.85	-6.166	-0.0074	-2.5 to 2.5	Pass
				0	3.85	-5.708	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-5.050	-0.0061	-2.5 to 2.5	Pass
				30	3.85	-4.520	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-6.137	-0.0074	-2.5 to 2.5	Pass
				50	3.85	-3.519	-0.0042	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-7.796	-0.0093	-2.5 to 2.5	Pass
					3.85	-7.653	-0.0091	-2.5 to 2.5	Pass
					4.43	-8.683	-0.0103	-2.5 to 2.5	Pass
				-30	3.85	-5.922	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-6.852	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-8.569	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-6.995	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-4.778	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-7.625	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-5.536	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-6.080	-0.0072	-2.5 to 2.5	Pass

3. Modulation Characteristics

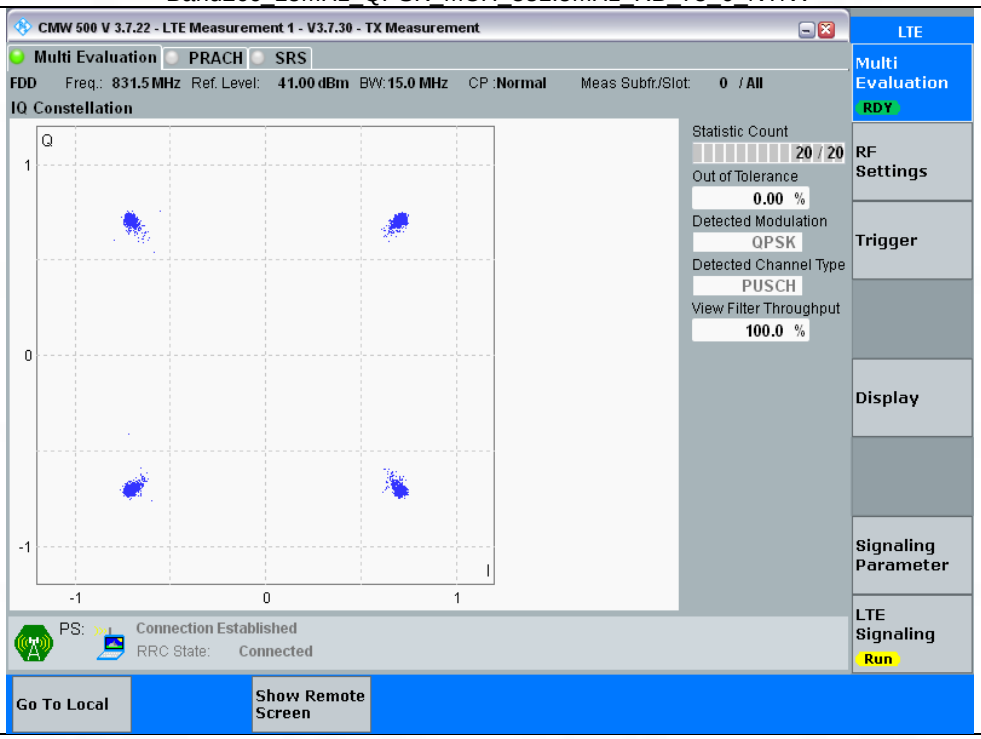
3.1 B26c_15MHz

3.1.1 Test Result

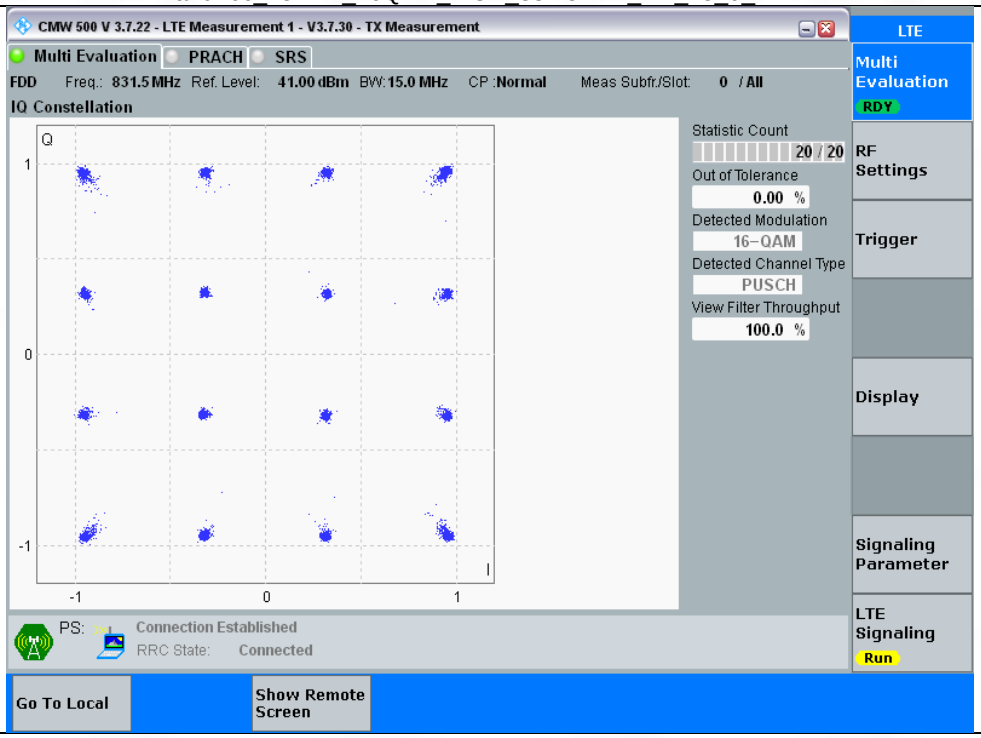
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	75	0	Refer To Test Graph		Pass
16QAM	831.5	75	0	Refer To Test Graph		Pass

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

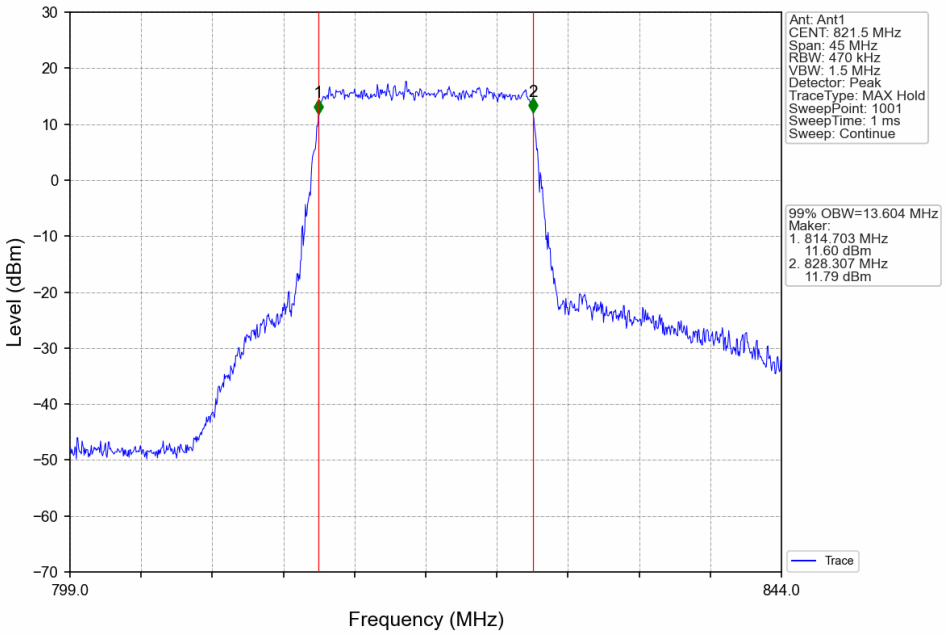
4.1 Band26c_OBW

4.1.1 Test Result

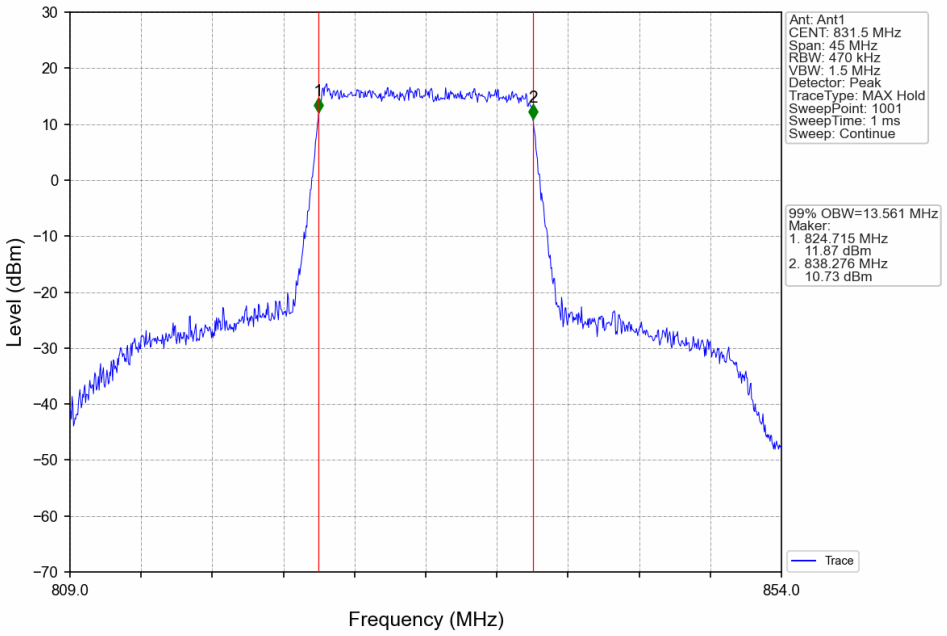
Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	13.604	/	Pass
		831.5	75	0	13.561	/	Pass
		841.5	75	0	13.592	/	Pass
	16QAM	821.5	75	0	13.598	/	Pass
		831.5	75	0	13.601	/	Pass
		841.5	75	0	13.604	/	Pass

4.1.2 Test Graph

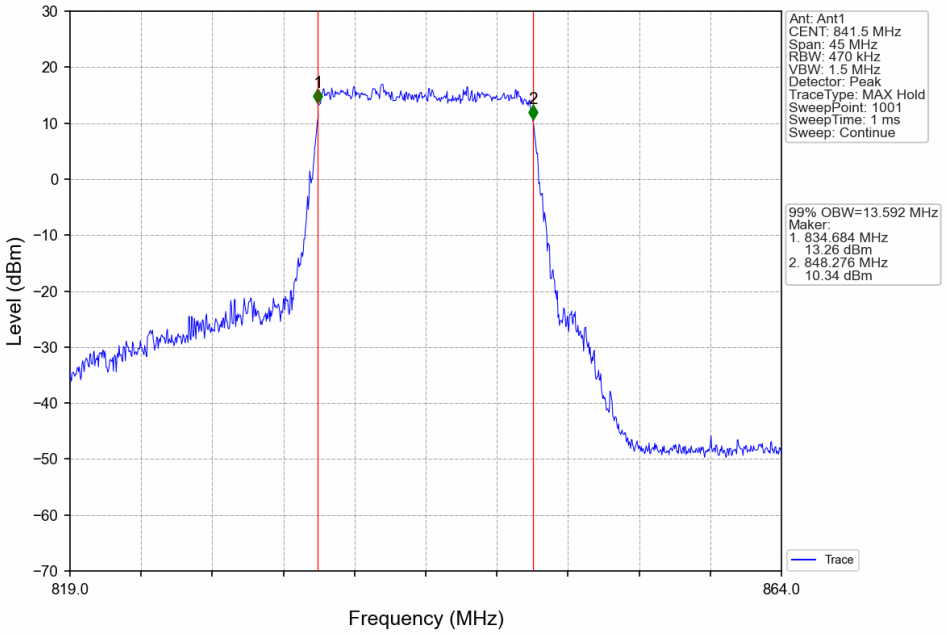
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



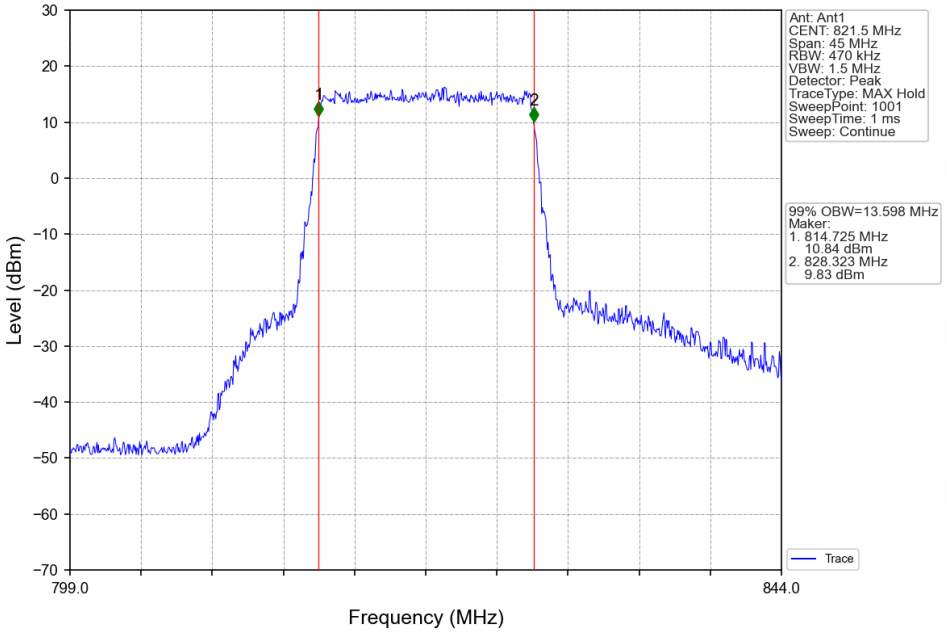
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



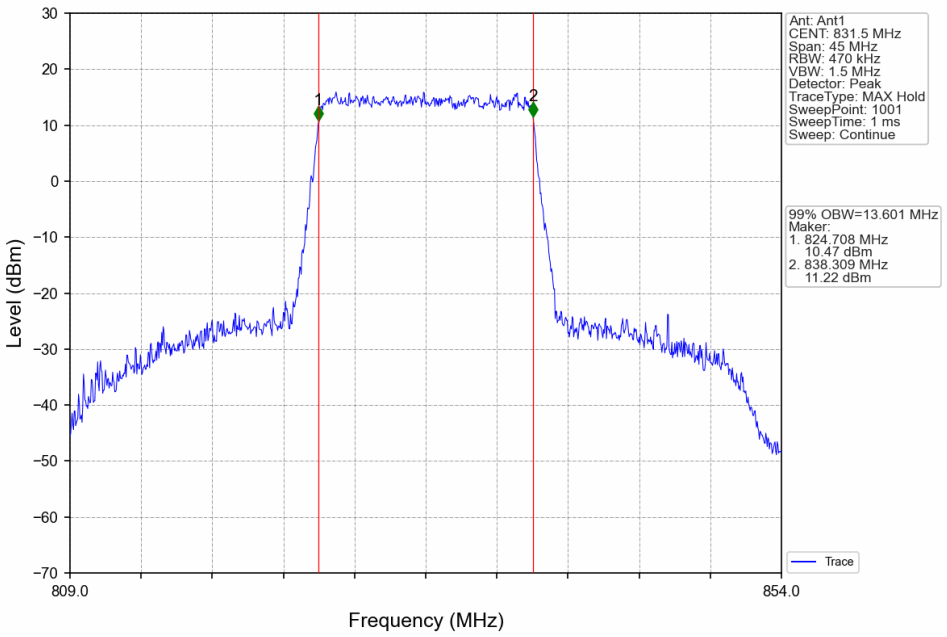
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



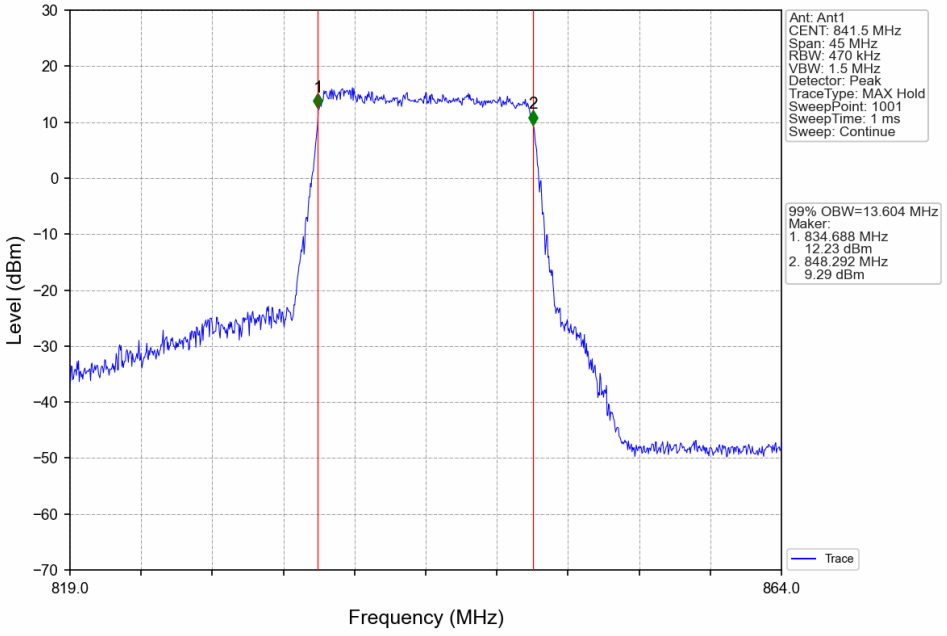
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



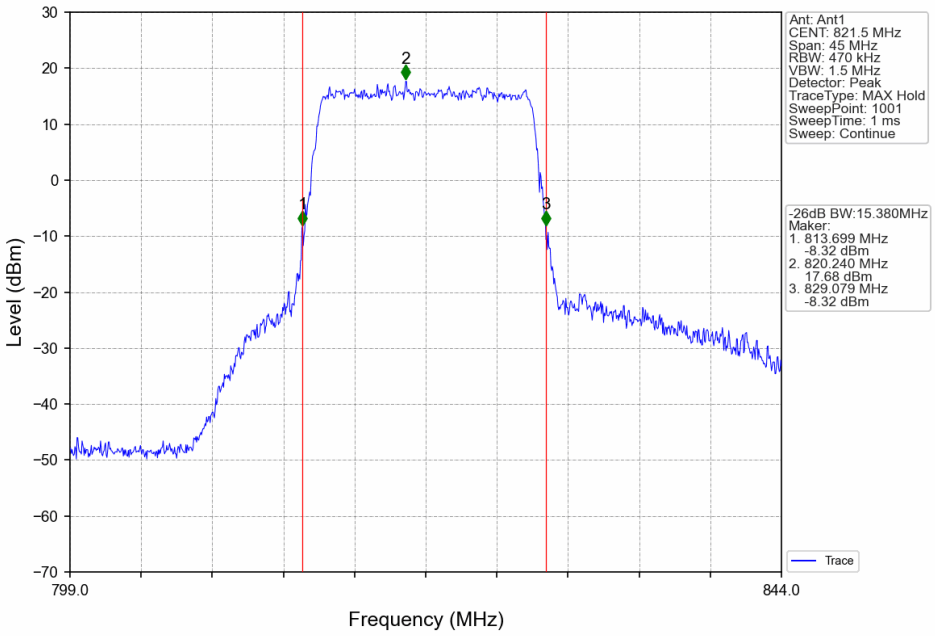
4.2 Band26c_XDB

4.2.1 Test Result

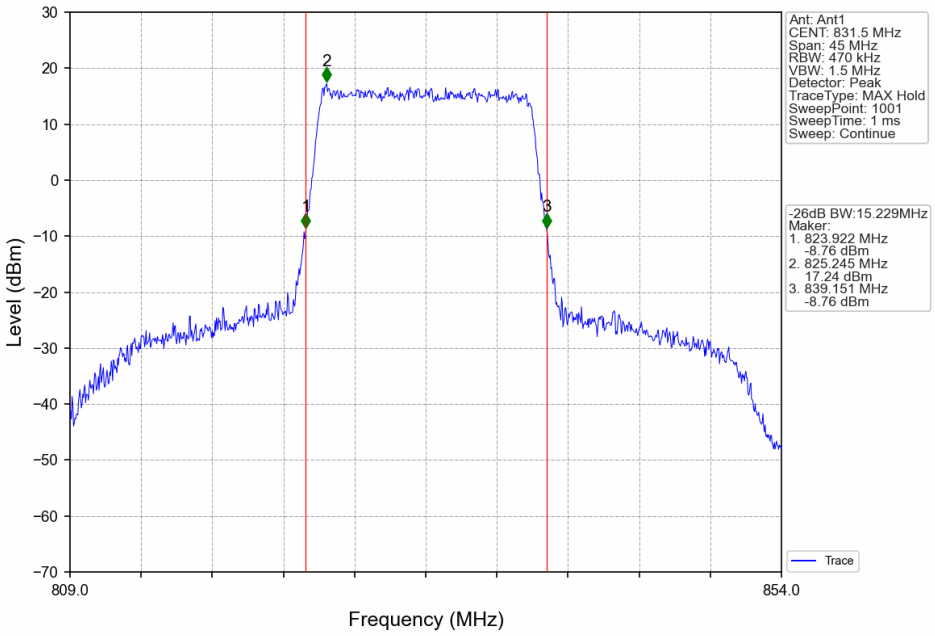
Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	15.380	/	Pass
		831.5	75	0	15.229	/	Pass
		841.5	75	0	15.249	/	Pass
	16QAM	821.5	75	0	15.317	/	Pass
		831.5	75	0	15.327	/	Pass
		841.5	75	0	15.150	/	Pass

4.2.2 Test Graph

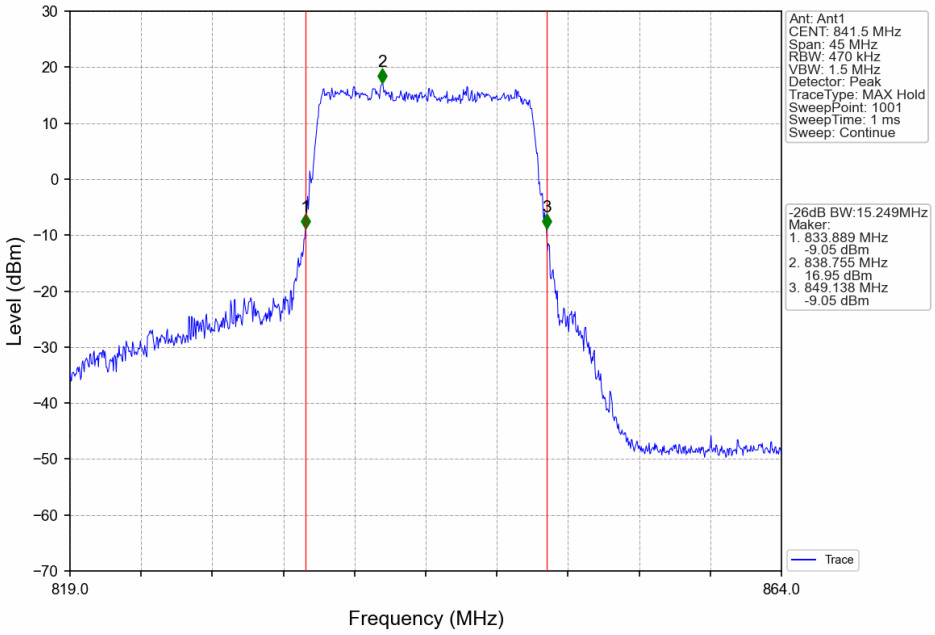
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



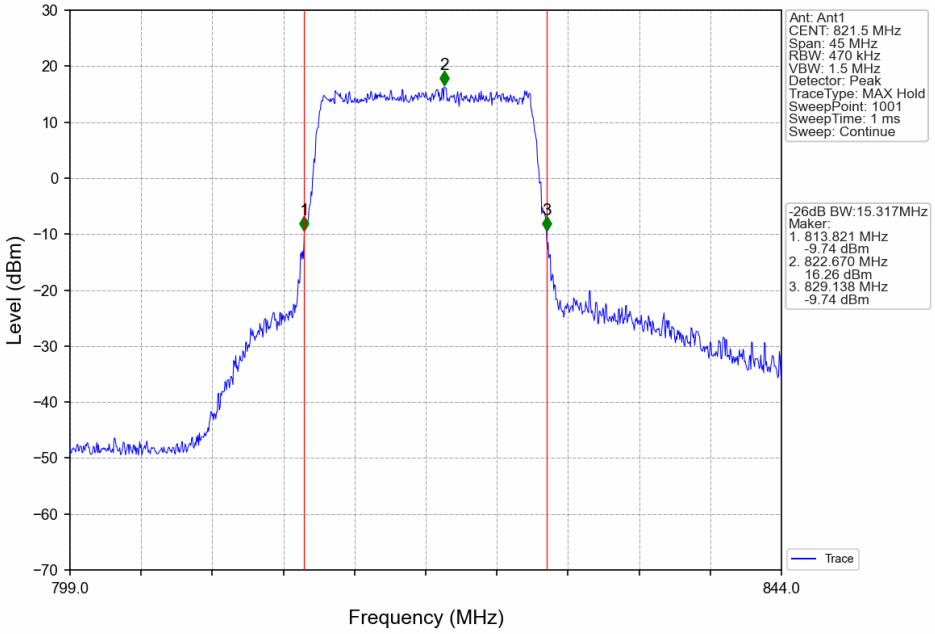
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



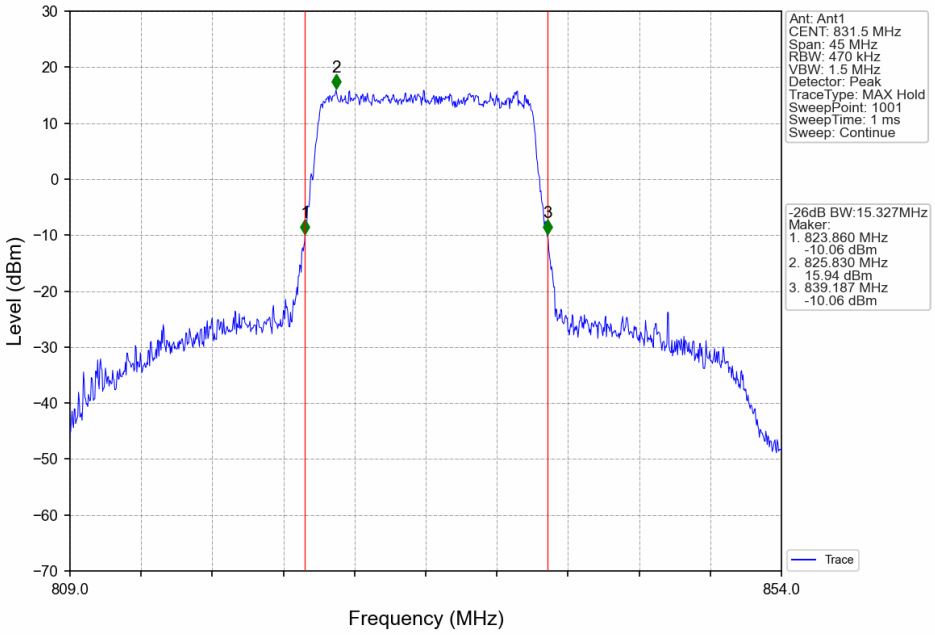
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



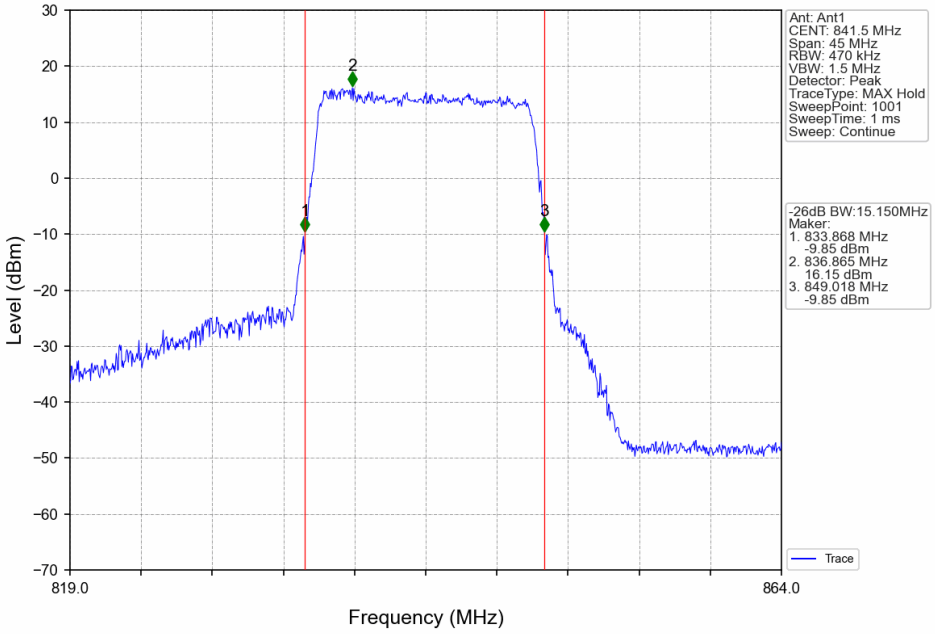
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



5. Peak-Average Ratio

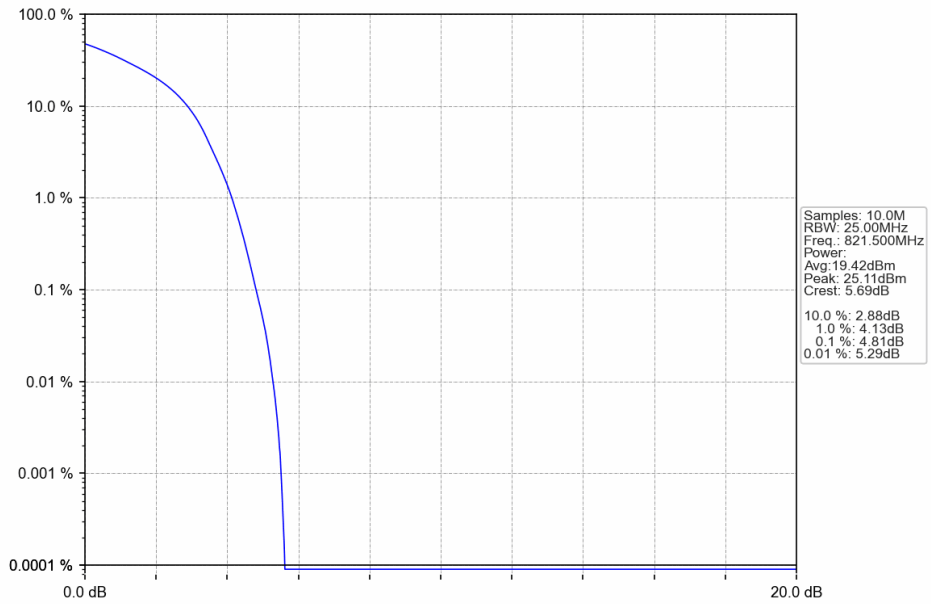
5.1 B26c_15MHz

5.1.1 Test Result

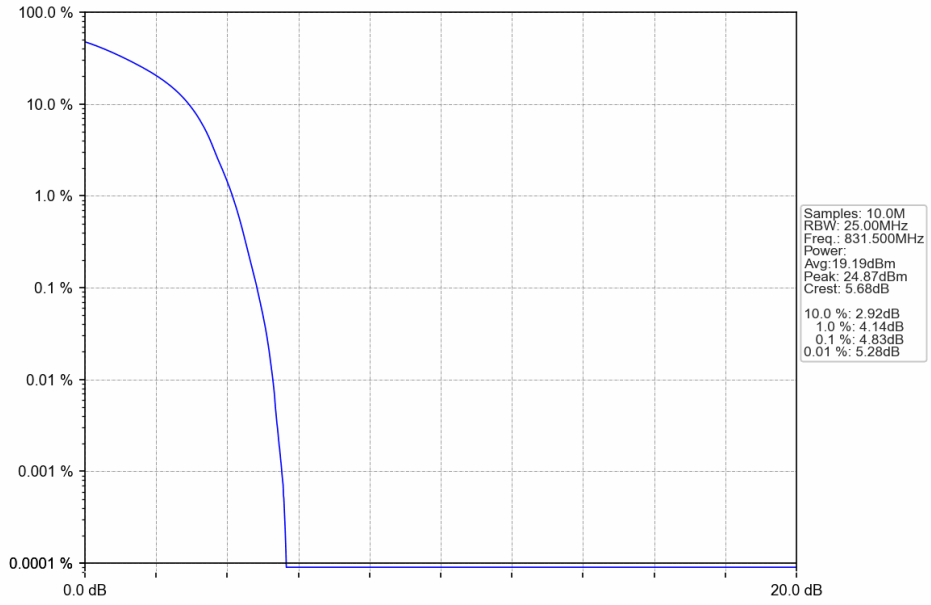
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	4.81	<=13	Pass
	831.5	75	0	4.83	<=13	Pass
	841.5	75	0	4.87	<=13	Pass
16QAM	821.5	75	0	6.13	<=13	Pass
	831.5	75	0	6.09	<=13	Pass
	841.5	75	0	6.15	<=13	Pass

5.1.2 Test Graph

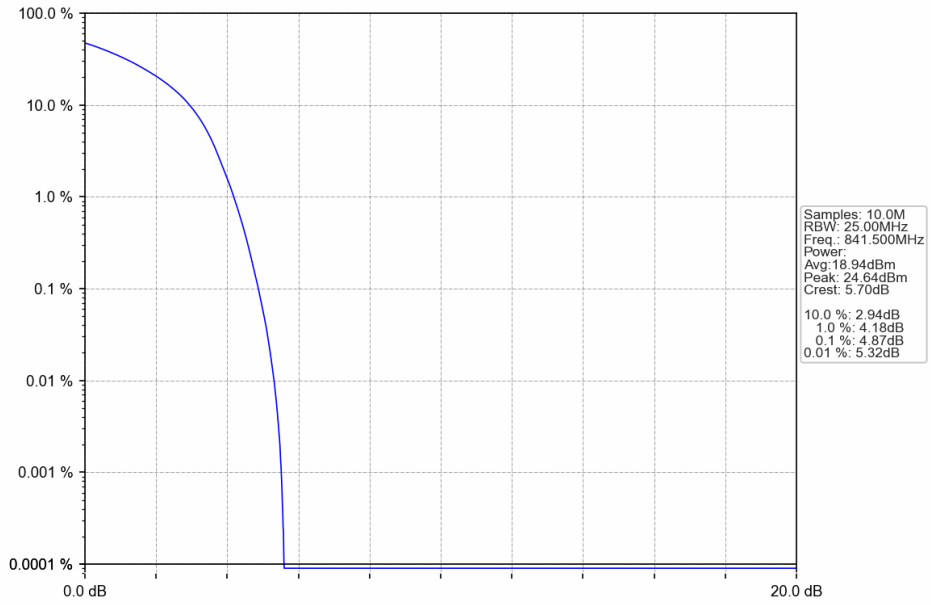
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



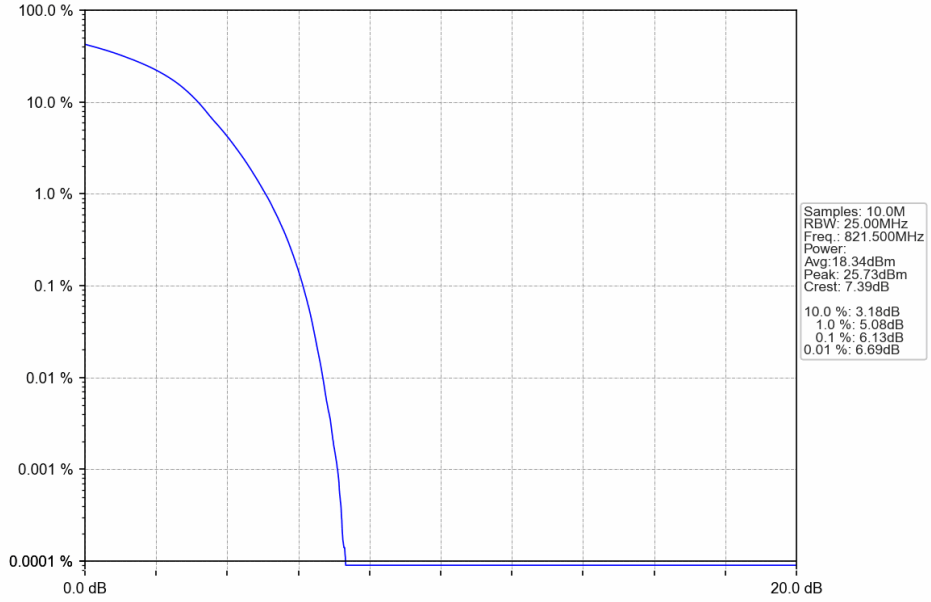
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



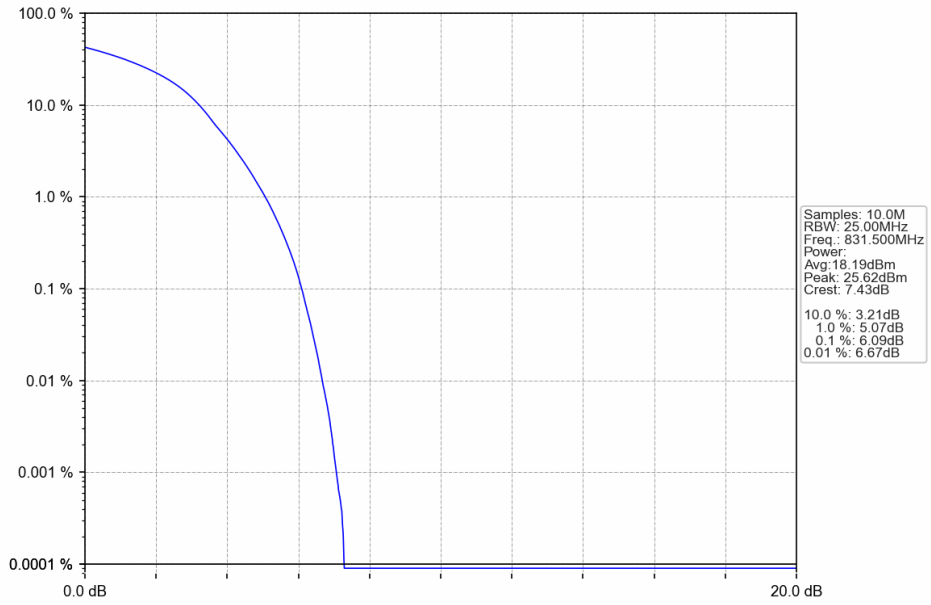
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



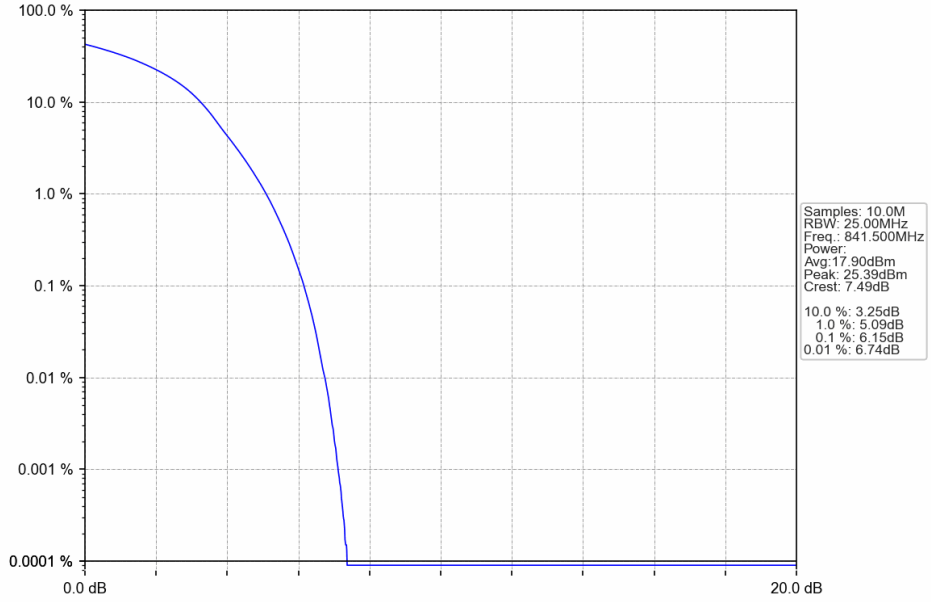
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



6. Spurious Emission

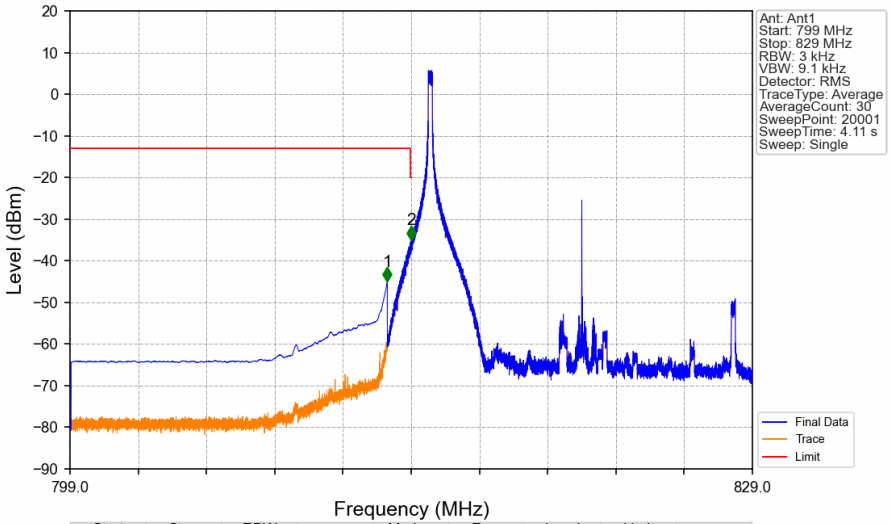
6.1 B26c_15MHz

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

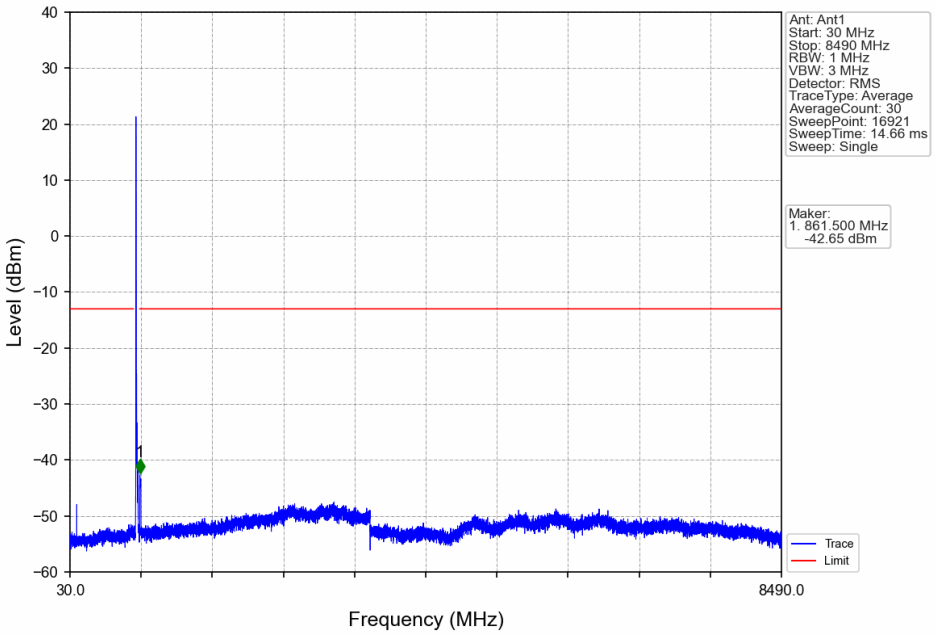
6.1.2 Test Graph

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

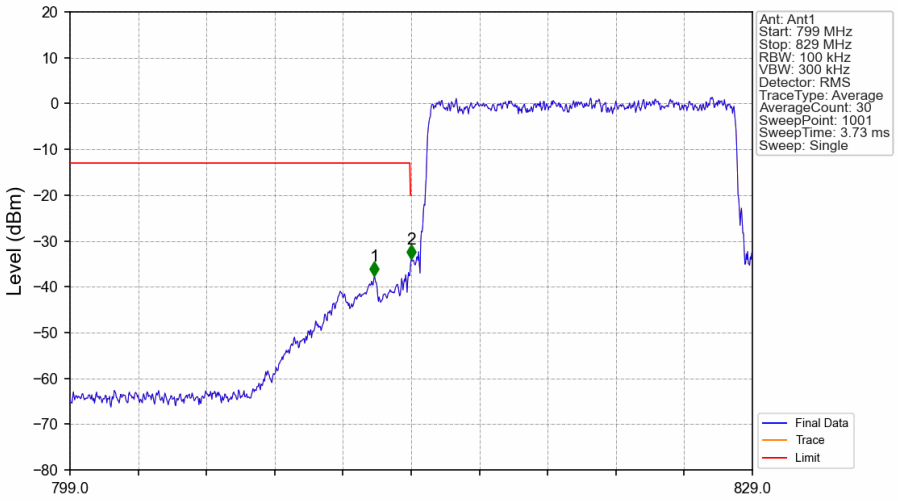


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	CHP	1	812.948	-45.06	-13	Pass
813	814	0.003	/	2	813.999	-35.03	-20	Pass
814	829	0.003	/	/	/	/	/	/

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

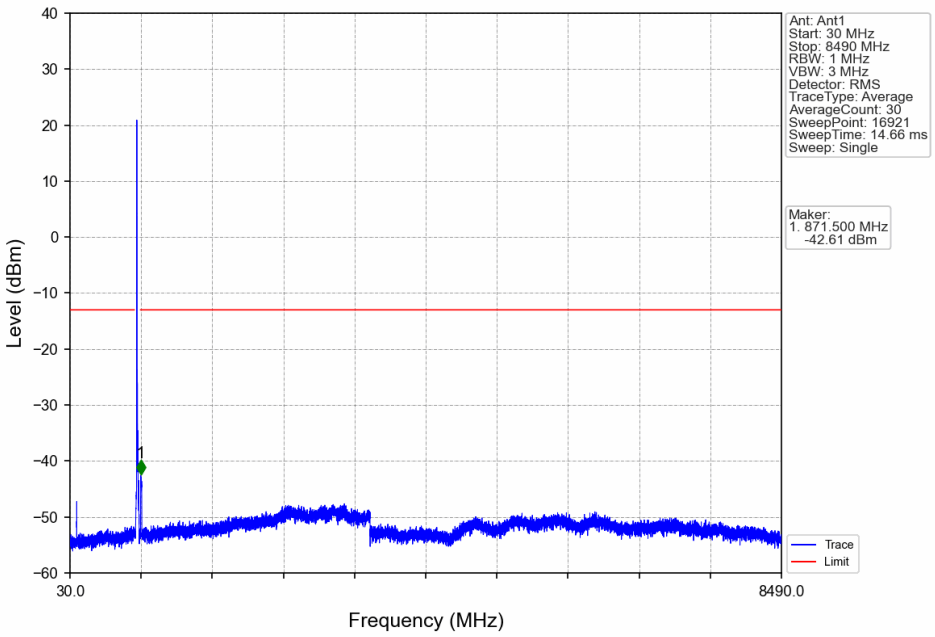


Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV

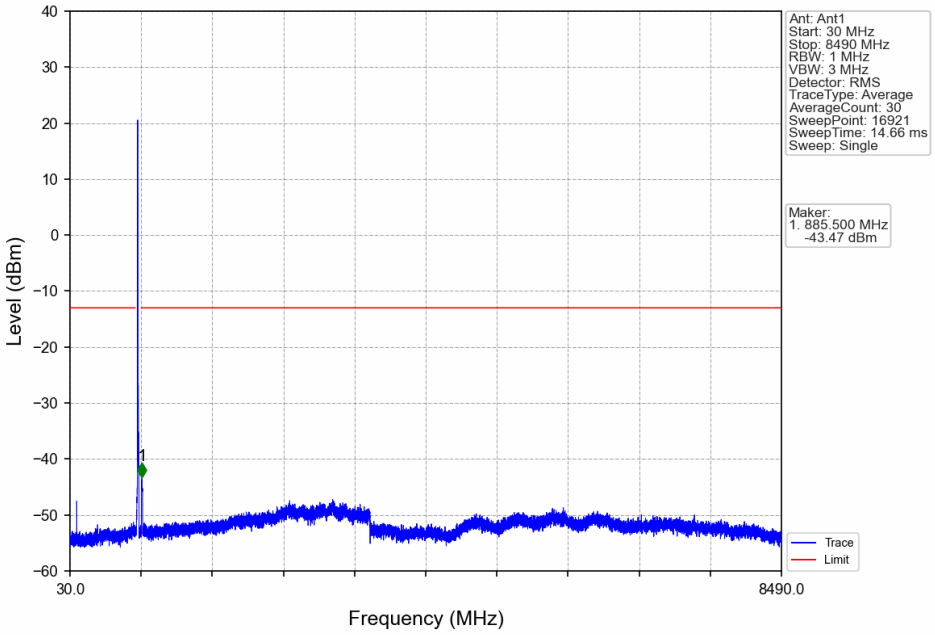


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.380	-37.68	-13	Pass
813	814	0.154	/	2	814.000	-34.03	-20	Pass
814	829	0.154	/	/	/	/	/	/

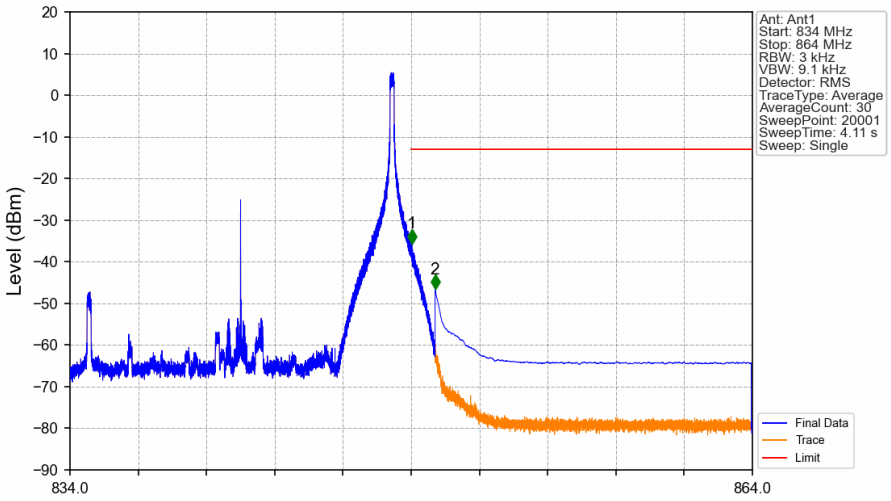
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV

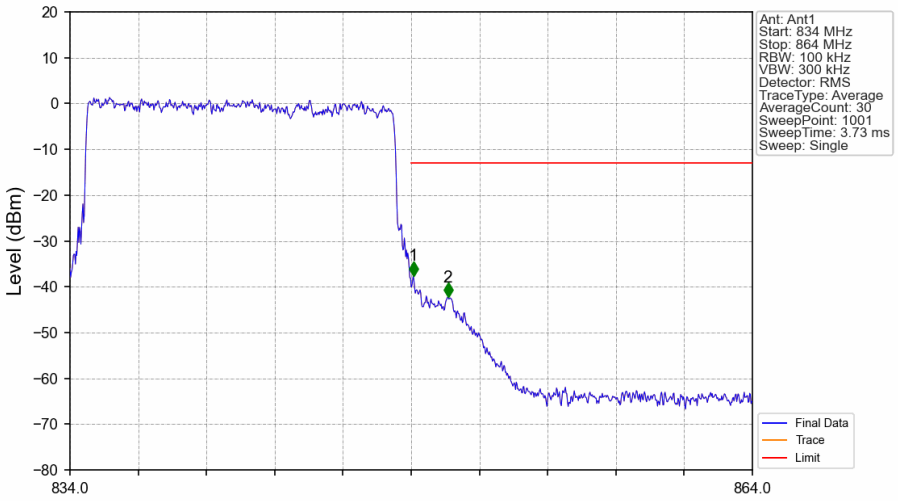


Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_74_NTNV



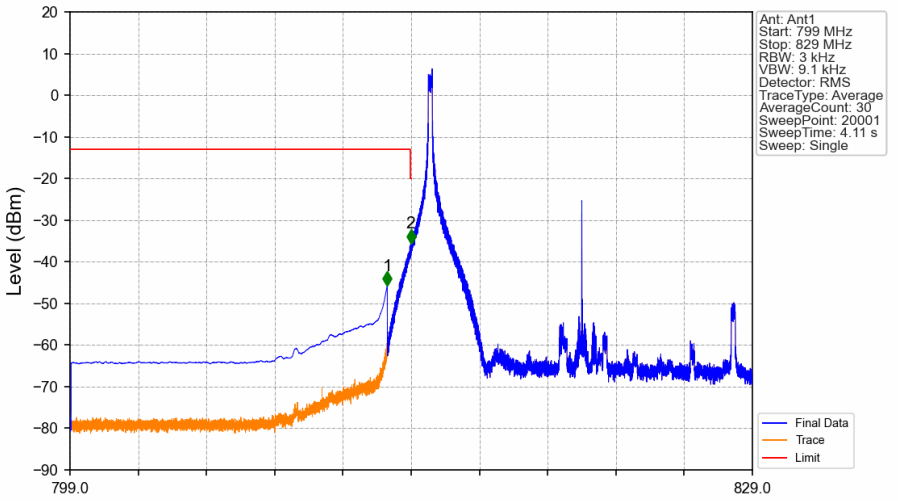
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.030	-35.60	-13	Pass
850	864	0.1	CHP	2	850.052	-46.61	-13	Pass

Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



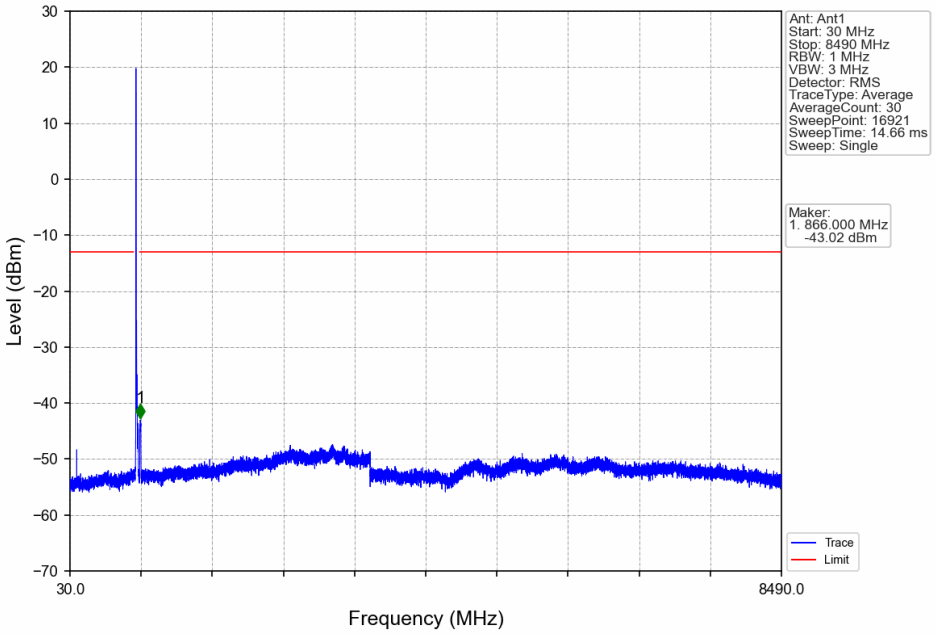
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.152	/	/	/	/	/	/
849	850	0.152	/	1	849.090	-37.61	-13	Pass
850	864	0.1	/	2	850.620	-42.24	-13	Pass

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

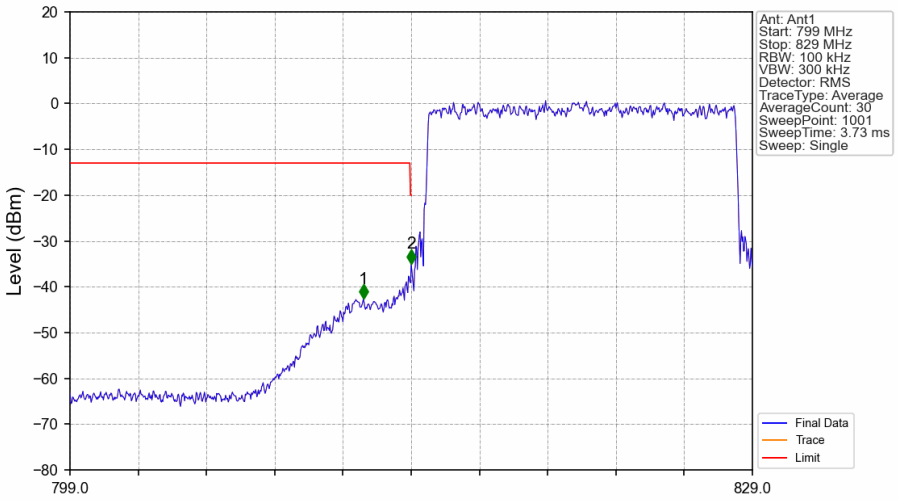


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	CHP	1	812.948	-45.83	-13	Pass
813	814	0.003	/	2	813.986	-35.61	-20	Pass
814	829	0.003	/	/	/	/	/	/

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

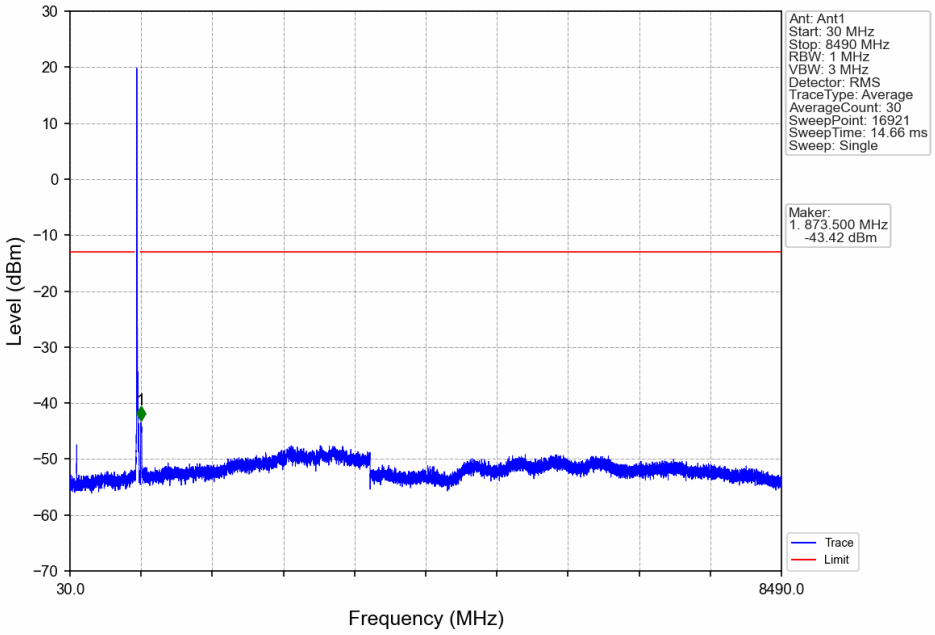


Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV

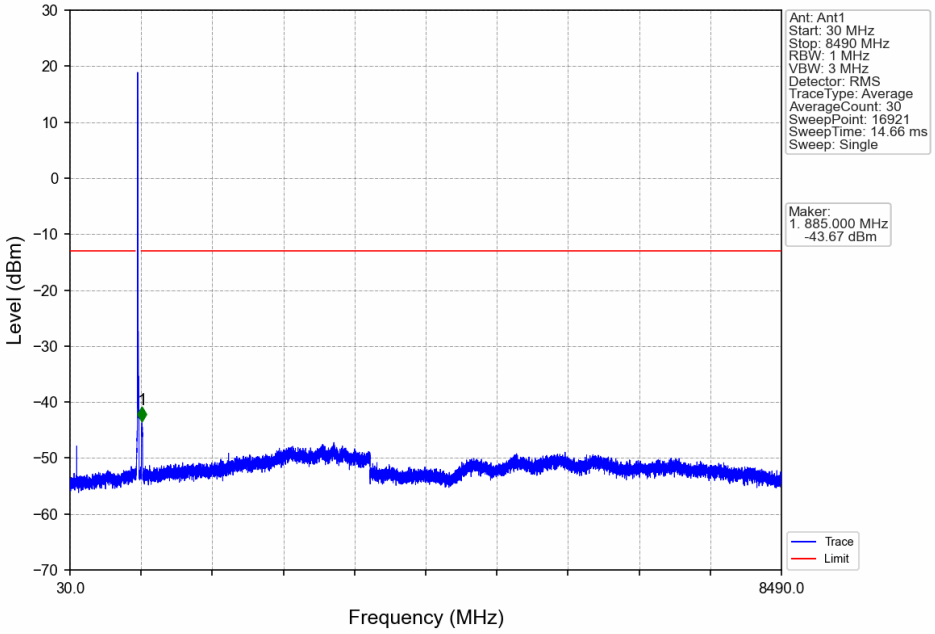


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	811.900	-42.63	-13	Pass
813	814	0.153	/	2	814.000	-34.96	-20	Pass
814	829	0.153	/	/	/	/	/	/

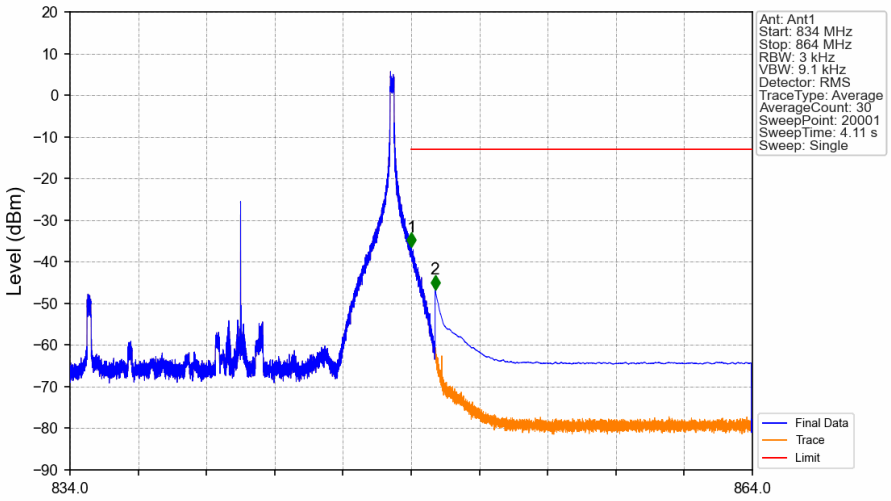
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_0_NTNV

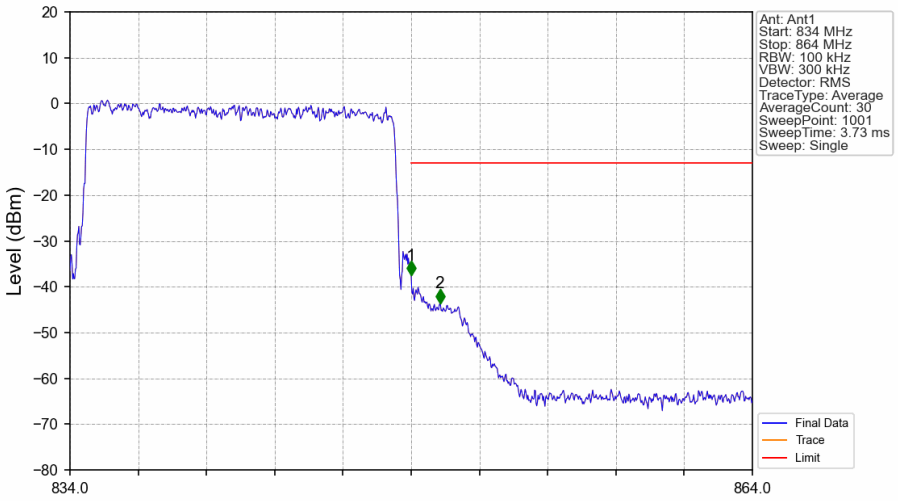


Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_74_NTNV



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	849.003	-36.48	-13	Pass
850	864	0.1	CHP	2	850.052	-46.65	-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	849.000	-37.47	-13	Pass
850	864	0.1	/	2	850.260	-43.61	-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	0.1730	0.0115	ppm	13M6G7D	/	22.38
26c	15	821.5	841.5	0.1422	0.0104	ppm	13M6W7D	/	21.53

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	0.0957	0.0115	ppm	13M6G7D	/	19.81
26c	15	821.5	841.5	0.0787	0.0104	ppm	13M6W7D	/	18.96