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	24.37	1.50	23.72	<=50	Pass
			38	24.65	1.50	24.00	<=50	Pass
			74	24.68	1.50	24.03	<=50	Pass
		36	0	23.79	1.50	23.14	<=50	Pass
			18	23.70	1.50	23.05	<=50	Pass
			39	23.82	1.50	23.17	<=50	Pass
		75	0	23.79	1.50	23.14	<=50	Pass
	831.5	1	0	24.67	1.50	24.02	<=38.45	Pass
			38	24.72	1.50	24.07	<=38.45	Pass
			74	24.53	1.50	23.88	<=38.45	Pass
		36	0	23.77	1.50	23.12	<=38.45	Pass
			18	23.78	1.50	23.13	<=38.45	Pass
			39	23.61	1.50	22.96	<=38.45	Pass
		75	0	23.66	1.50	23.01	<=38.45	Pass
	841.5	1	0	24.59	1.50	23.94	<=38.45	Pass
			38	24.56	1.50	23.91	<=38.45	Pass
			74	24.46	1.50	23.81	<=38.45	Pass
		36	0	23.71	1.50	23.06	<=38.45	Pass
			18	23.58	1.50	22.93	<=38.45	Pass
			39	23.47	1.50	22.82	<=38.45	Pass
		75	0	23.59	1.50	22.94	<=38.45	Pass
16QAM	821.5	1	0	23.98	1.50	23.33	<=50	Pass
			38	24.17	1.50	23.52	<=50	Pass
			74	23.90	1.50	23.25	<=50	Pass
		36	0	22.78	1.50	22.13	<=50	Pass
			18	22.68	1.50	22.03	<=50	Pass
			39	22.85	1.50	22.20	<=50	Pass
		75	0	22.79	1.50	22.14	<=50	Pass
	831.5	1	0	23.88	1.50	23.23	<=38.45	Pass
			38	24.32	1.50	23.67	<=38.45	Pass
			74	23.91	1.50	23.26	<=38.45	Pass
		36	0	22.70	1.50	22.05	<=38.45	Pass
			18	22.80	1.50	22.15	<=38.45	Pass
			39	22.56	1.50	21.91	<=38.45	Pass
		75	0	22.64	1.50	21.99	<=38.45	Pass
	841.5	1	0	24.03	1.50	23.38	<=38.45	Pass
			38	23.94	1.50	23.29	<=38.45	Pass
			74	23.88	1.50	23.23	<=38.45	Pass
		36	0	22.68	1.50	22.03	<=38.45	Pass
			18	22.56	1.50	21.91	<=38.45	Pass
			39	22.46	1.50	21.81	<=38.45	Pass
		75	0	22.53	1.50	21.88	<=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	10.2	-6.065	-0.0074	-2.5 to 2.5	Pass
					12	-3.621	-0.0044	-2.5 to 2.5	Pass
					13.8	-8.102	-0.0099	-2.5 to 2.5	Pass
				-30	12	-3.740	-0.0046	-2.5 to 2.5	Pass
				-20	12	-4.530	-0.0055	-2.5 to 2.5	Pass
				-10	12	-8.545	-0.0104	-2.5 to 2.5	Pass
				0	12	-4.386	-0.0053	-2.5 to 2.5	Pass
				10	12	-9.007	-0.0110	-2.5 to 2.5	Pass
				30	12	-0.814	-0.0010	-2.5 to 2.5	Pass
				40	12	-6.554	-0.0080	-2.5 to 2.5	Pass
				50	12	-8.118	-0.0099	-2.5 to 2.5	Pass
	831.5	75	0	20	10.2	-5.617	-0.0068	-2.5 to 2.5	Pass
					12	-2.297	-0.0028	-2.5 to 2.5	Pass
					13.8	-8.715	-0.0105	-2.5 to 2.5	Pass
				-30	12	-8.621	-0.0104	-2.5 to 2.5	Pass
				-20	12	-9.166	-0.0110	-2.5 to 2.5	Pass
				-10	12	-4.719	-0.0057	-2.5 to 2.5	Pass
				0	12	-8.553	-0.0103	-2.5 to 2.5	Pass
				10	12	-8.047	-0.0097	-2.5 to 2.5	Pass
				30	12	-6.015	-0.0072	-2.5 to 2.5	Pass
				40	12	-10.086	-0.0121	-2.5 to 2.5	Pass
				50	12	-7.109	-0.0085	-2.5 to 2.5	Pass
	841.5	75	0	20	10.2	-10.258	-0.0122	-2.5 to 2.5	Pass
					12	-6.228	-0.0074	-2.5 to 2.5	Pass
					13.8	-5.251	-0.0062	-2.5 to 2.5	Pass
				-30	12	-4.428	-0.0053	-2.5 to 2.5	Pass
				-20	12	-6.530	-0.0078	-2.5 to 2.5	Pass
				-10	12	-8.365	-0.0099	-2.5 to 2.5	Pass
				0	12	-7.820	-0.0093	-2.5 to 2.5	Pass
				10	12	-6.078	-0.0072	-2.5 to 2.5	Pass
				30	12	-4.922	-0.0058	-2.5 to 2.5	Pass
				40	12	-5.550	-0.0066	-2.5 to 2.5	Pass
				50	12	-9.889	-0.0118	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Band26c_OBW

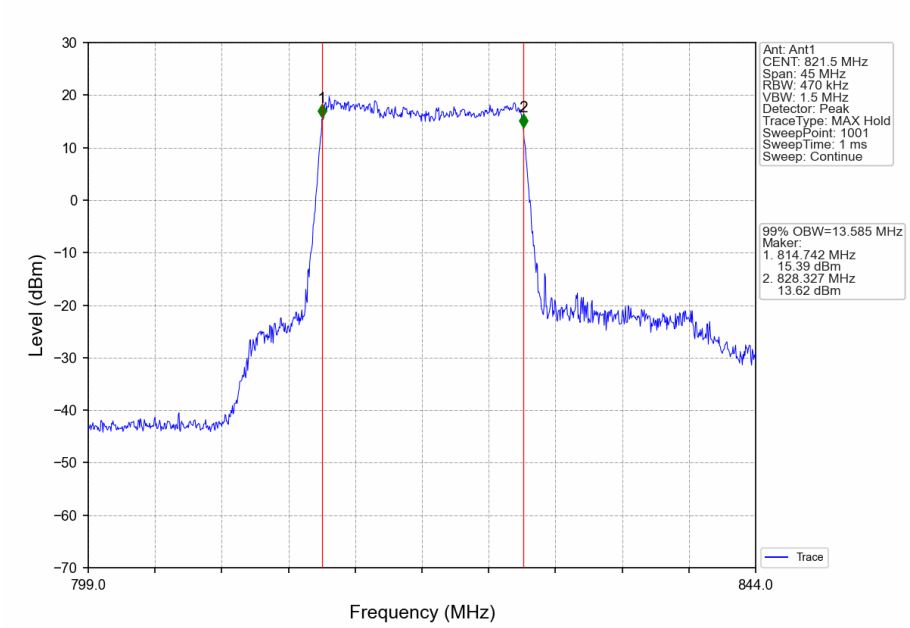
3.1.1 Test Result

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	13.585	/	Pass
		831.5	75	0	13.528	/	Pass
		841.5	75	0	13.554	/	Pass

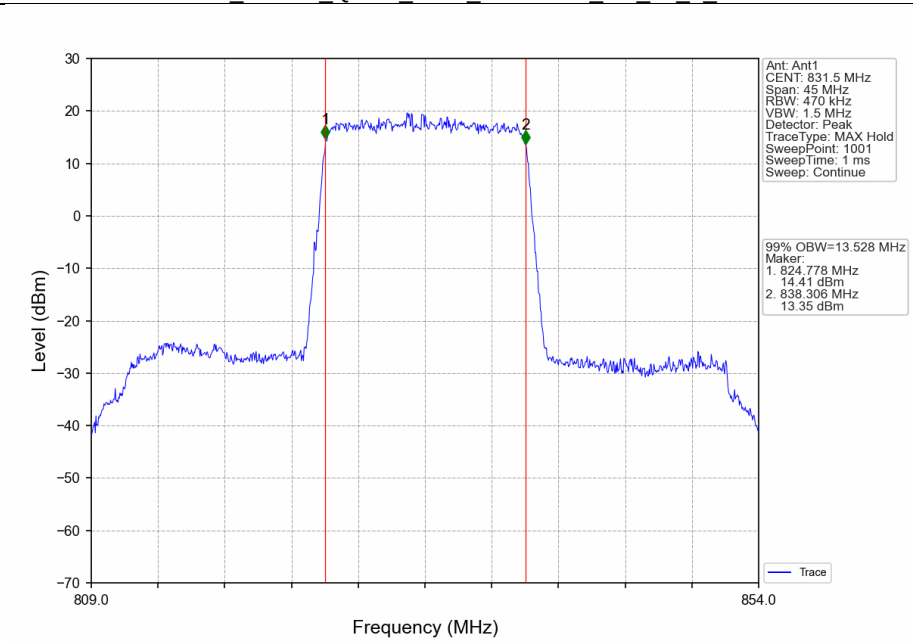
	16QAM	821.5	75	0	13.604	/	Pass
		831.5	75	0	13.548	/	Pass
		841.5	75	0	13.561	/	Pass

3.1.2 Test Graph

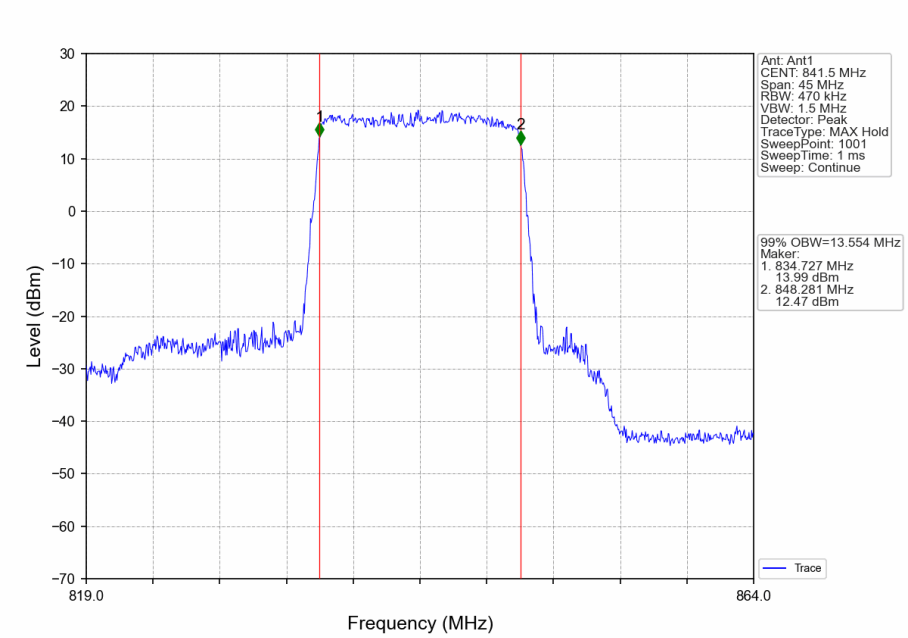
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



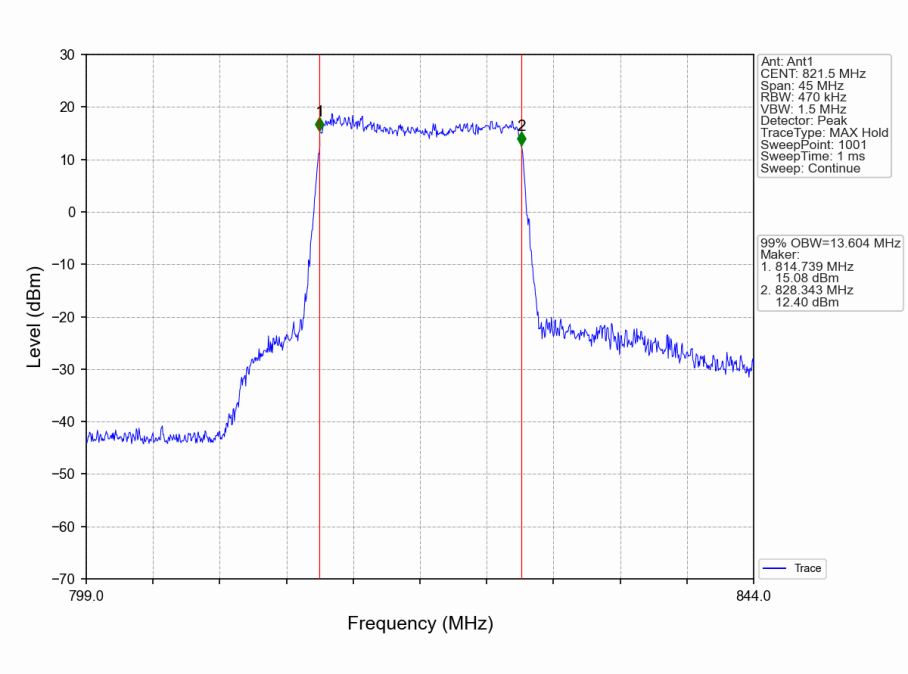
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



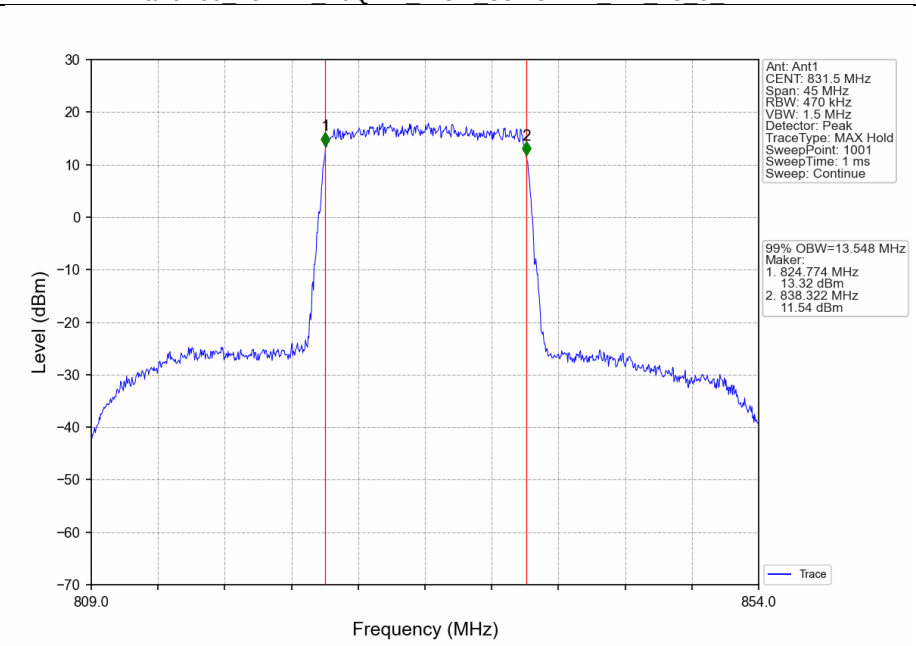
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



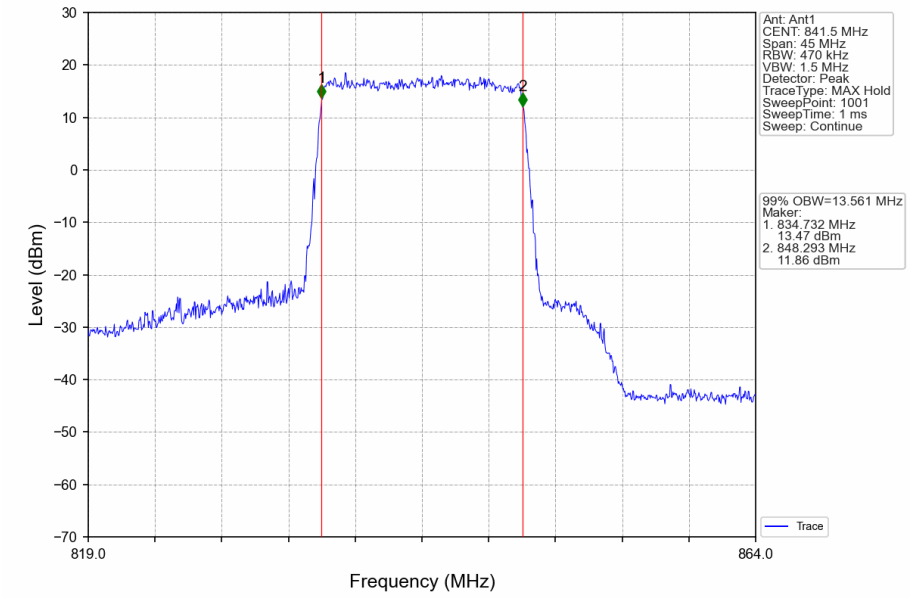
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



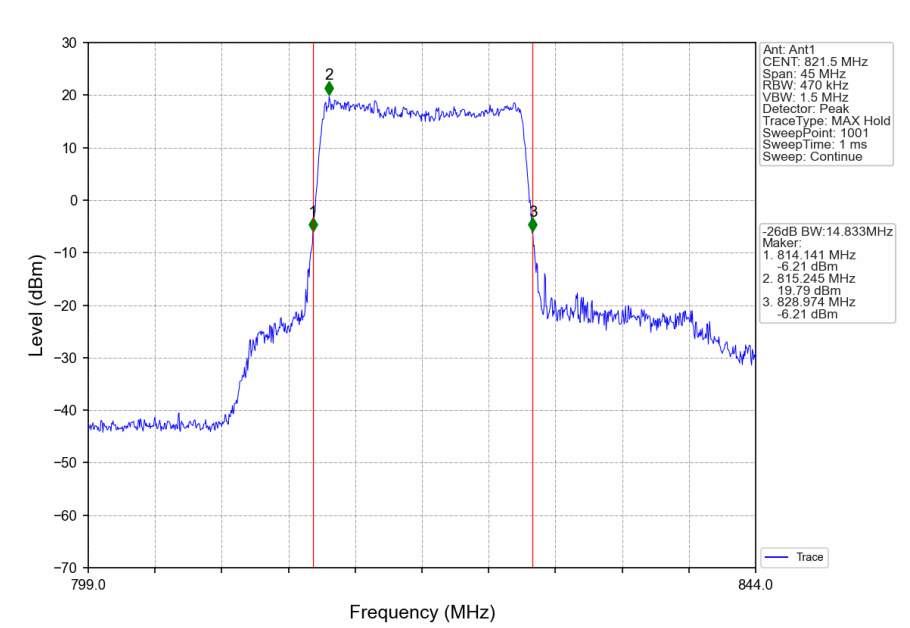
3.2 Band26c_XDB

3.2.1 Test Result

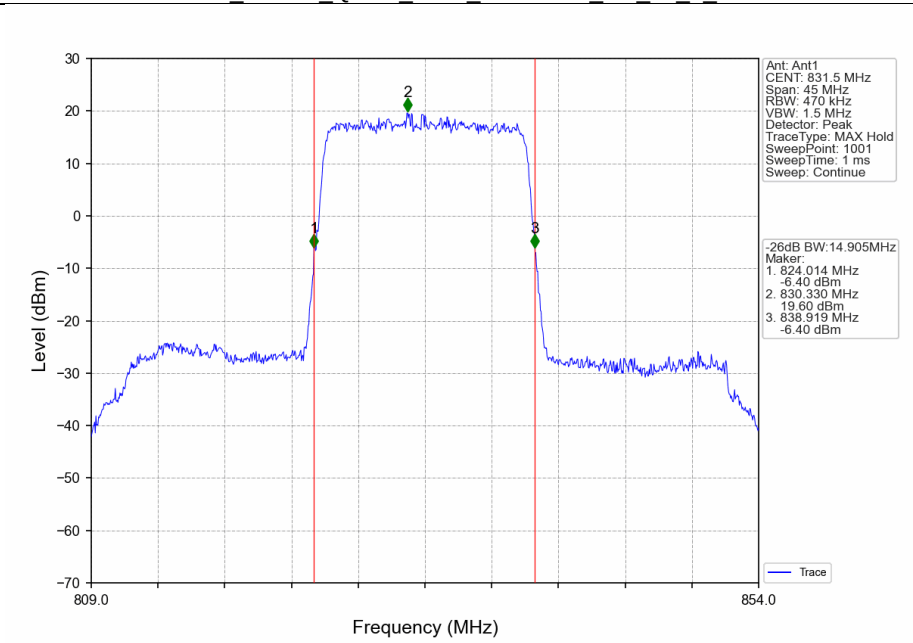
Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	14.833	/	Pass
		831.5	75	0	14.905	/	Pass
		841.5	75	0	14.859	/	Pass
	16QAM	821.5	75	0	14.859	/	Pass
		831.5	75	0	14.869	/	Pass
		841.5	75	0	14.877	/	Pass

3.2.2 Test Graph

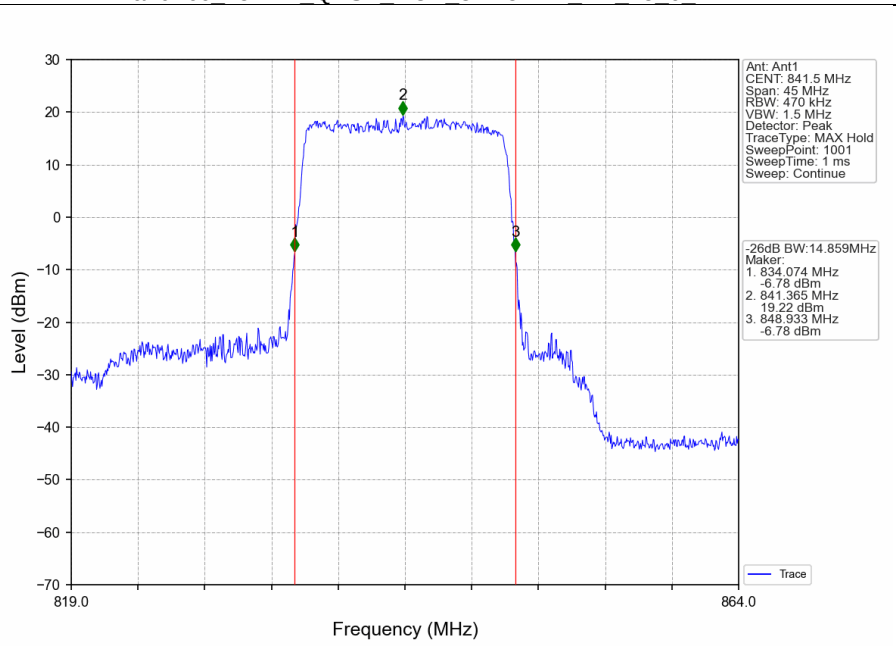
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



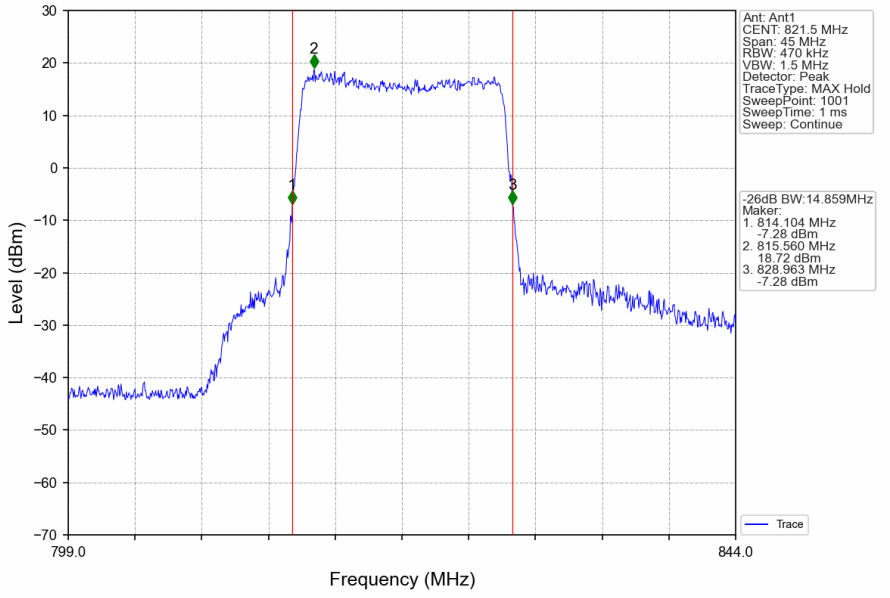
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



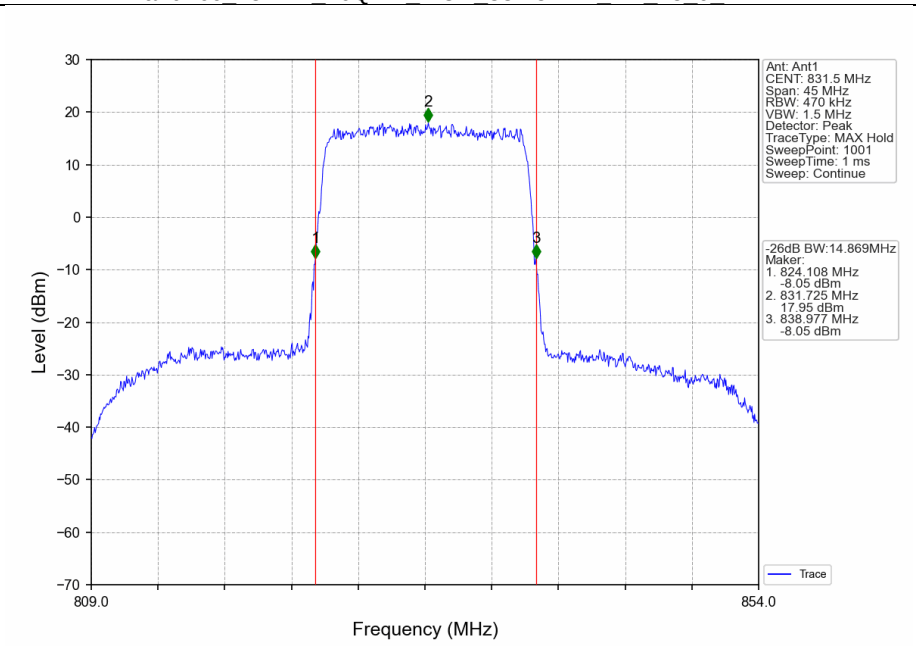
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



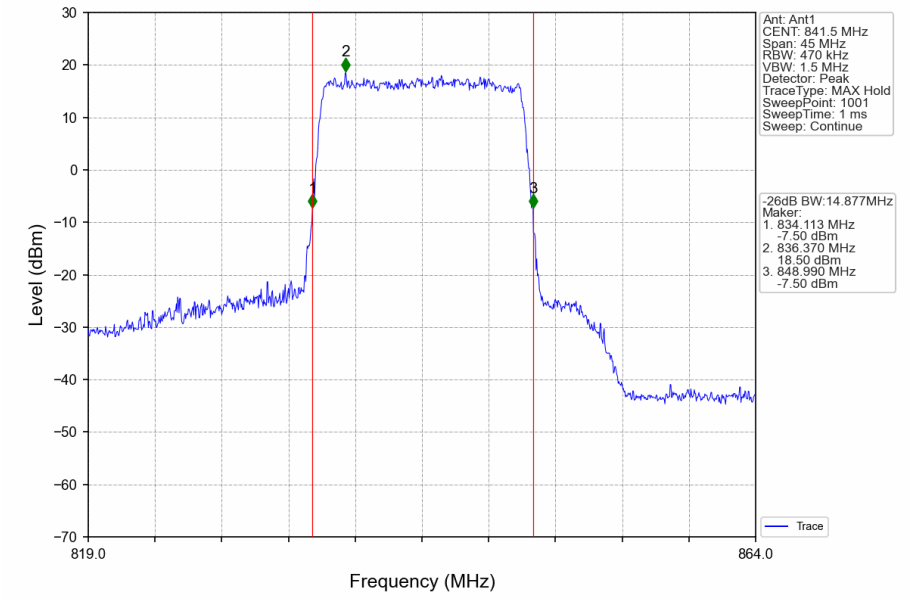
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



4. Peak-Average Ratio

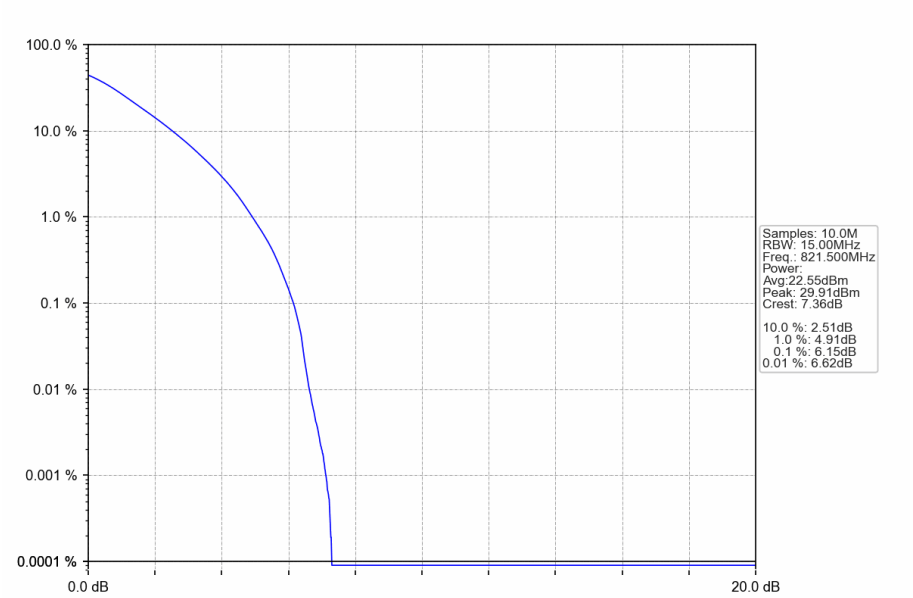
4.1 B26c_15MHz

4.1.1 Test Result

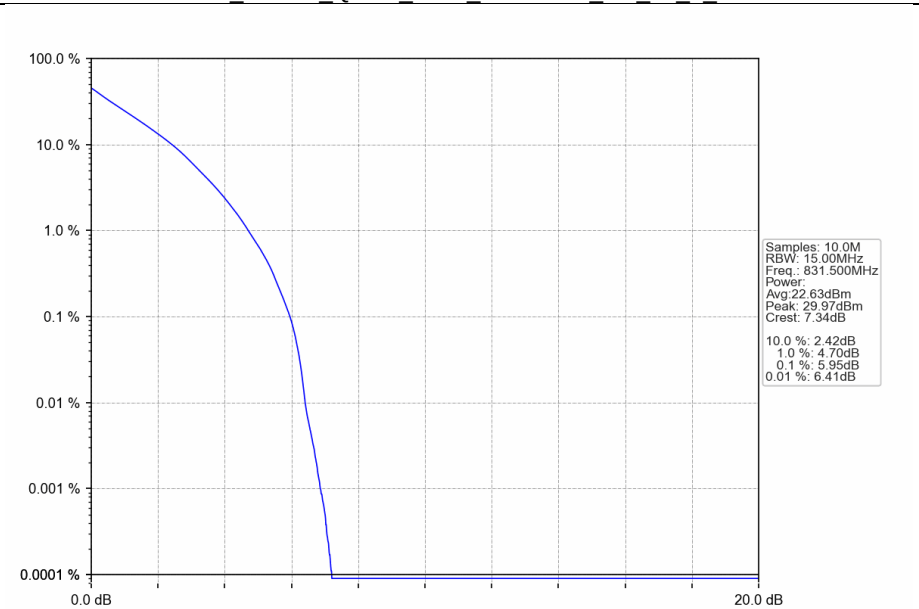
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	6.15	<=13	Pass
	831.5	75	0	5.95	<=13	Pass
	841.5	75	0	5.92	<=13	Pass
16QAM	821.5	75	0	6.61	<=13	Pass
	831.5	75	0	6.46	<=13	Pass
	841.5	75	0	6.42	<=13	Pass

4.1.2 Test Graph

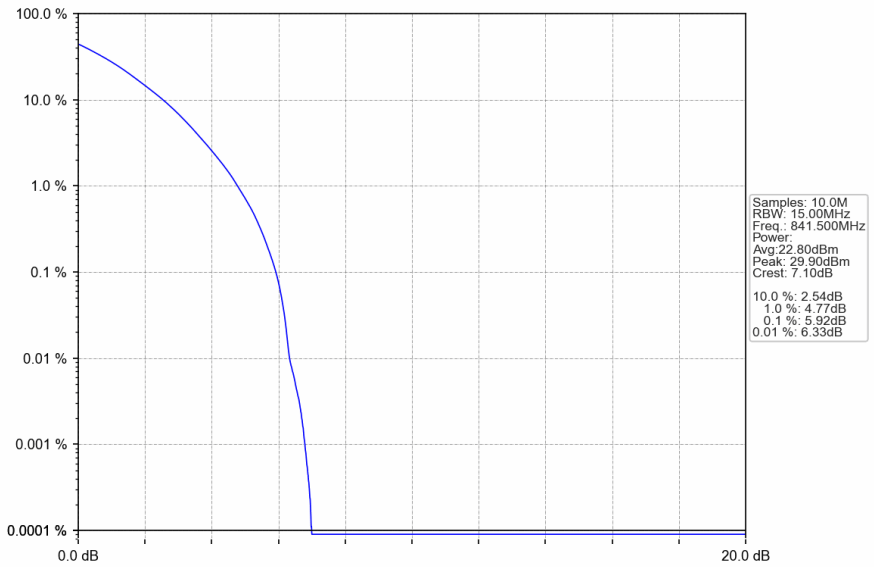
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



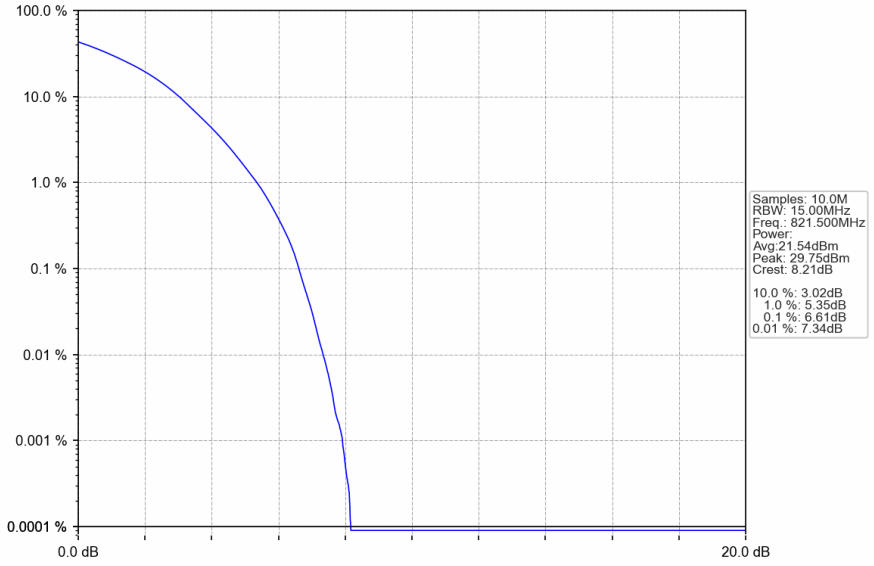
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



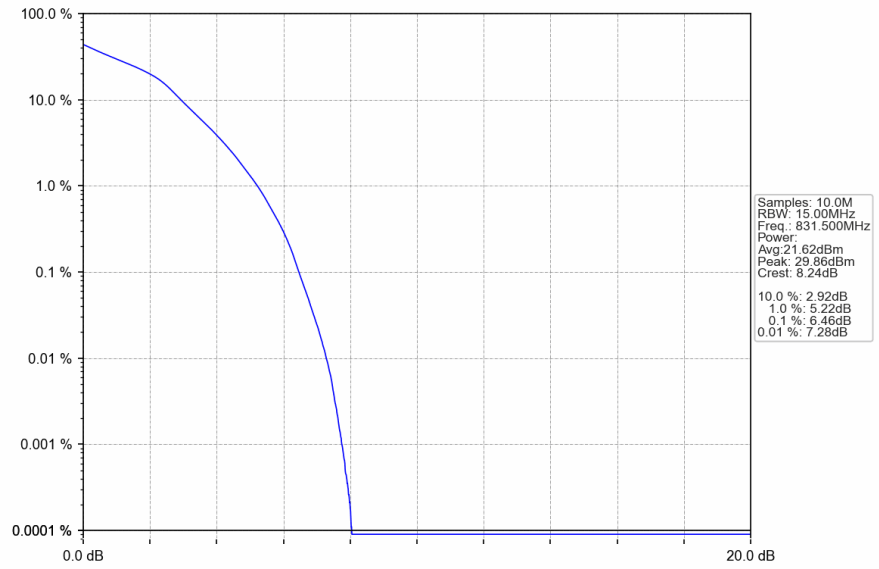
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



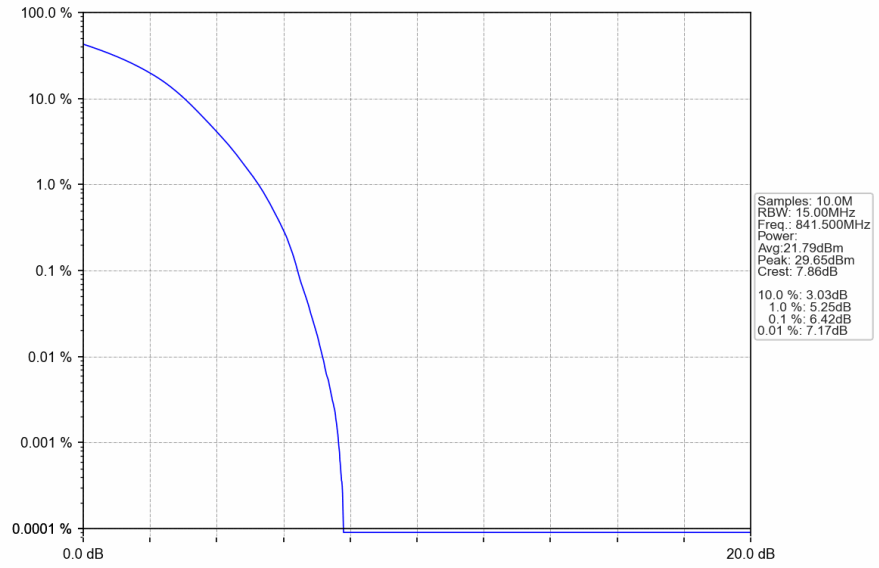
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



5. Spurious Emission

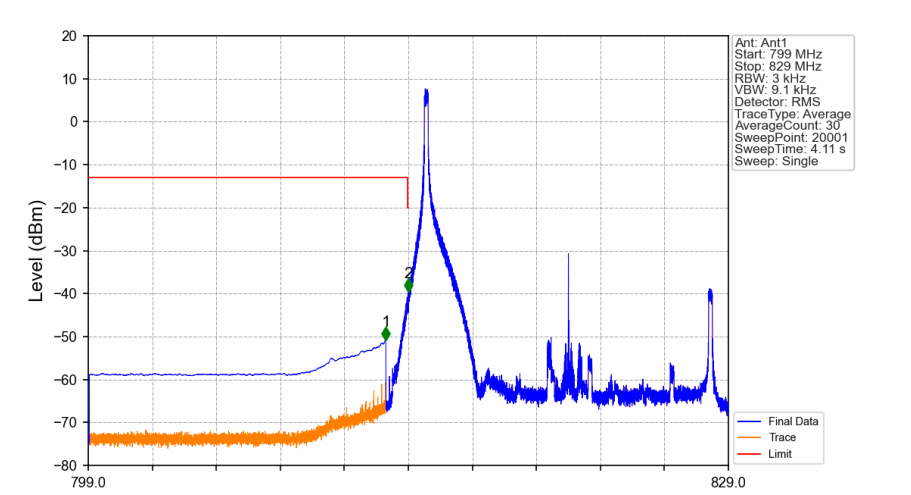
5.1 B26c_15MHz

5.1.1 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

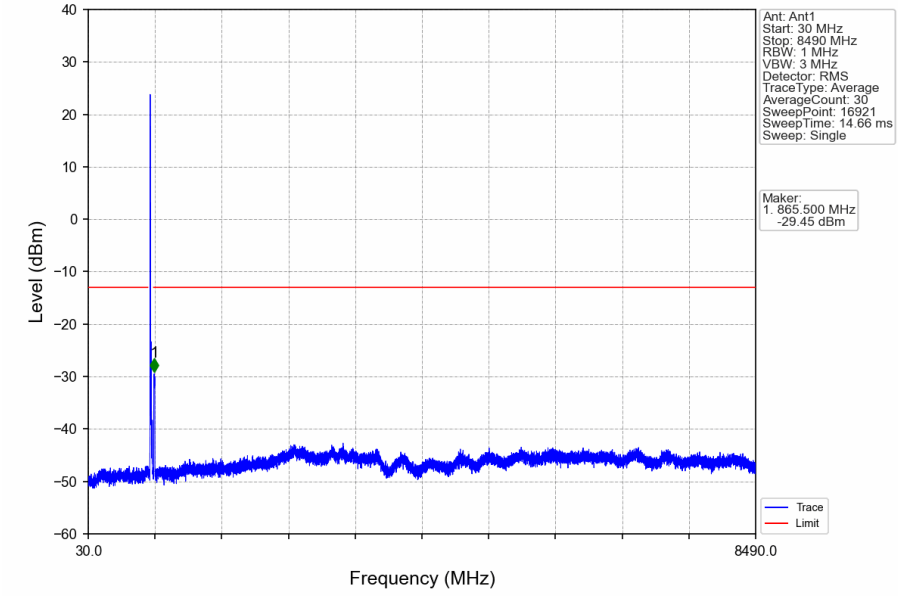
5.1.2 Test Graph

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

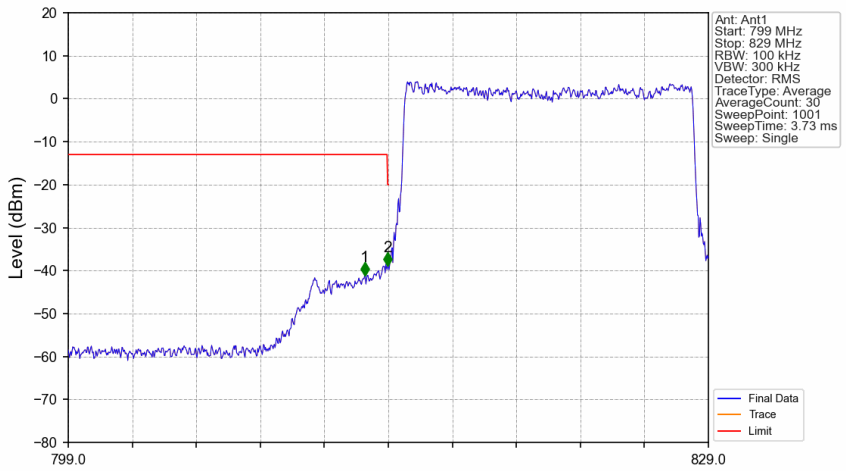


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	CHP	1	812.948	-50.90	-13	Pass
813	814	0.003	/	2	813.995	-39.57	-20	Pass
814	829	0.003	/	/	/	/	/	/

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

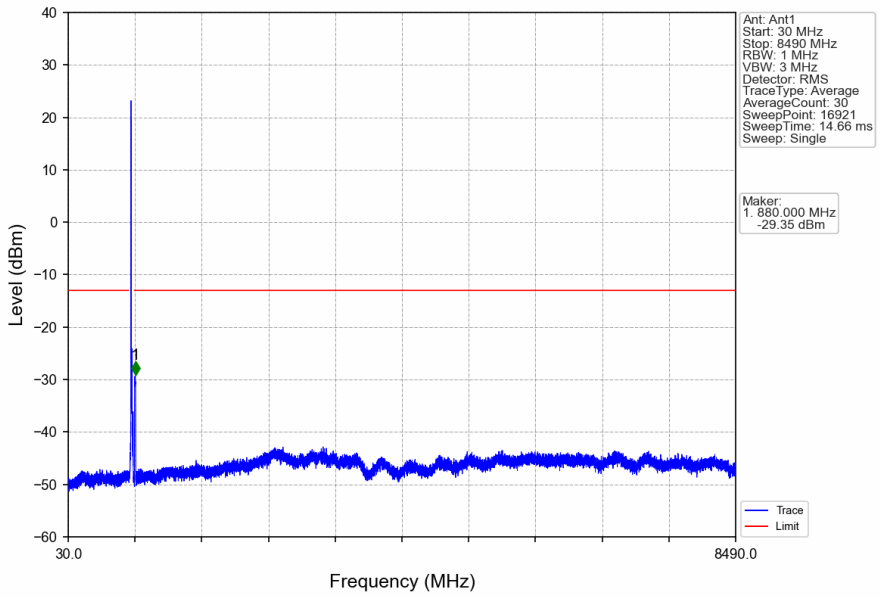


Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV

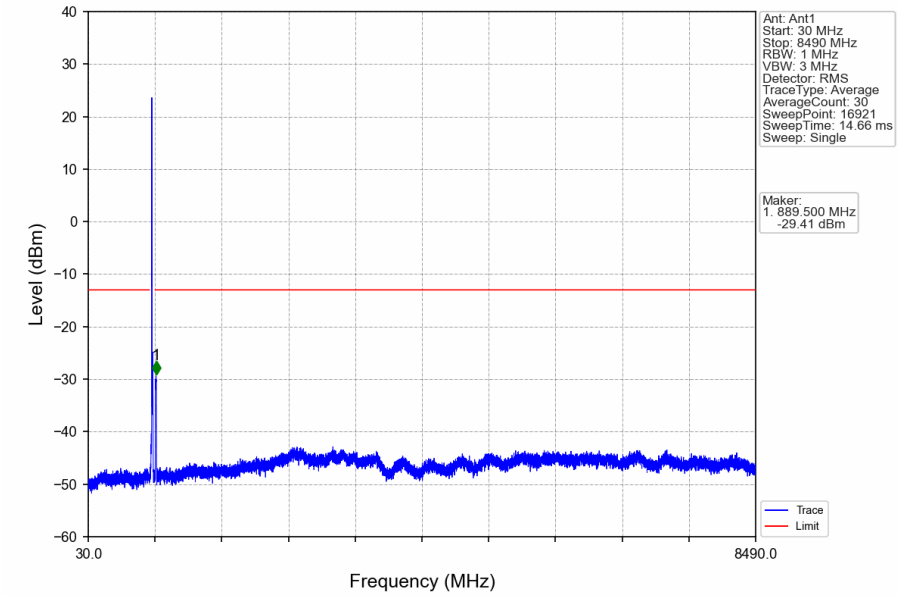


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.890	-41.19	-13	Pass
813	814	0.148	/	2	813.970	-38.98	-20	Pass
814	829	0.148	/	/	/	/	/	/

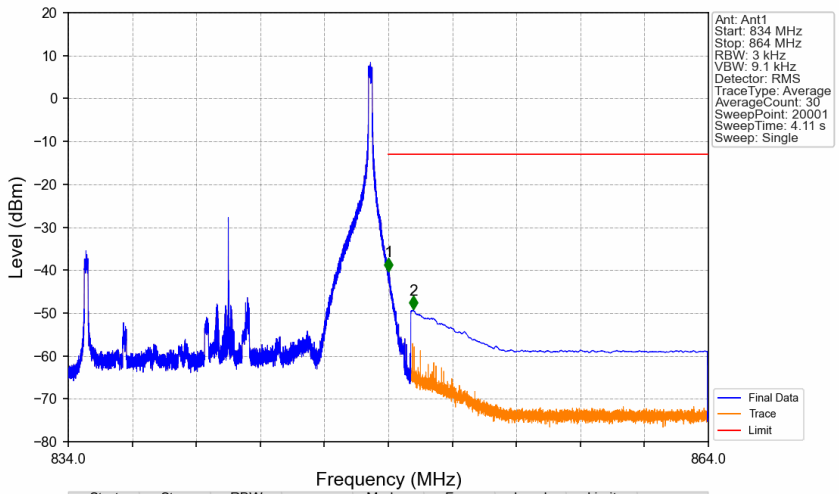
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV

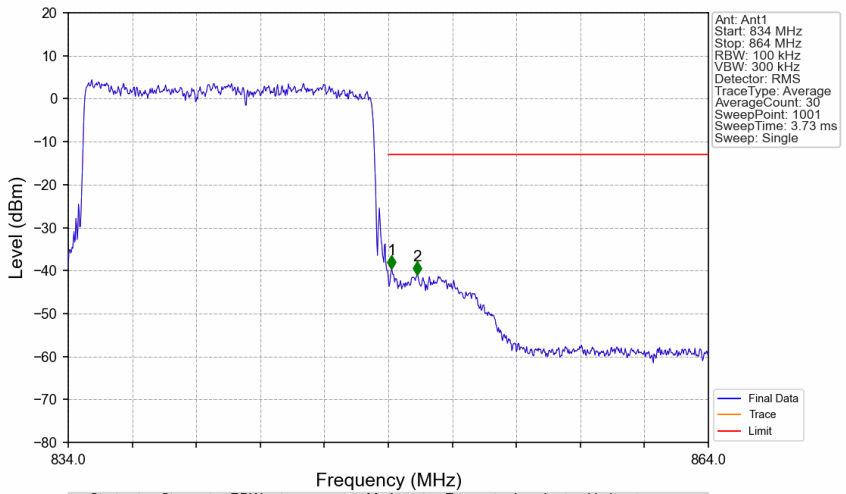


Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_74_NTNV



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	849.005	-40.26	-13	Pass
850	864	0.1	CHP	2	850.181	-49.18	-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	0.149	/	/	/	/	/	/
849	850	0.149	/	1	849.150	-39.58	-13	Pass
850	864	0.1	/	2	850.350	-41.02	-13	Pass

6. Form731

6.1 Form731_Power

6.1.1 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	0.2965	0.0122	ppm	13M6G7D	/	24.72
26c	15	821.5	841.5	0.2704	/	ppm	13M6W7D	/	24.32

6.2 Form731_ERP

6.2.1 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	0.2553	0.0122	ppm	13M6G7D	/	24.07
26c	15	821.5	841.5	0.2328	/	ppm	13M6W7D	/	23.67