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	23.43	2.68	23.96	<=38.45	Pass
			38	23.64	2.68	24.17	<=38.45	Pass
			74	23.38	2.68	23.91	<=38.45	Pass
		36	0	22.59	2.68	23.12	<=38.45	Pass
			18	22.66	2.68	23.19	<=38.45	Pass
			39	22.61	2.68	23.14	<=38.45	Pass
		75	0	22.68	2.68	23.21	<=38.45	Pass
	831.5	1	0	23.38	2.68	23.91	<=38.45	Pass
			38	23.56	2.68	24.09	<=38.45	Pass
			74	23.39	2.68	23.92	<=38.45	Pass
		36	0	22.65	2.68	23.18	<=38.45	Pass
			18	22.67	2.68	23.20	<=38.45	Pass
			39	22.55	2.68	23.08	<=38.45	Pass
		75	0	22.62	2.68	23.15	<=38.45	Pass
	841.5	1	0	23.32	2.68	23.85	<=38.45	Pass
			38	23.50	2.68	24.03	<=38.45	Pass
			74	23.37	2.68	23.90	<=38.45	Pass
		36	0	22.54	2.68	23.07	<=38.45	Pass
			18	22.55	2.68	23.08	<=38.45	Pass
			39	22.39	2.68	22.92	<=38.45	Pass
		75	0	22.50	2.68	23.03	<=38.45	Pass
16QAM	821.5	1	0	22.71	2.68	23.24	<=38.45	Pass
			38	22.95	2.68	23.48	<=38.45	Pass
			74	22.61	2.68	23.14	<=38.45	Pass
		36	0	21.57	2.68	22.10	<=38.45	Pass
			18	21.65	2.68	22.18	<=38.45	Pass
			39	21.57	2.68	22.10	<=38.45	Pass
		75	0	21.63	2.68	22.16	<=38.45	Pass
	831.5	1	0	22.49	2.68	23.02	<=38.45	Pass
			38	22.67	2.68	23.20	<=38.45	Pass
			74	22.52	2.68	23.05	<=38.45	Pass
		36	0	21.62	2.68	22.15	<=38.45	Pass
			18	21.65	2.68	22.18	<=38.45	Pass
			39	21.52	2.68	22.05	<=38.45	Pass
		75	0	21.66	2.68	22.19	<=38.45	Pass
	841.5	1	0	22.85	2.68	23.38	<=38.45	Pass
			38	23.06	2.68	23.59	<=38.45	Pass
			74	22.88	2.68	23.41	<=38.45	Pass
		36	0	21.60	2.68	22.13	<=38.45	Pass
			18	21.63	2.68	22.16	<=38.45	Pass
			39	21.45	2.68	21.98	<=38.45	Pass
		75	0	21.56	2.68	22.09	<=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	-6.595	-0.0080	-2.5 to 2.5	Pass
					4.43	-4.978	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-5.422	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-6.766	-0.0082	-2.5 to 2.5	Pass
				-10	3.85	-4.950	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-5.307	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-6.666	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-4.721	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-5.851	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-6.423	-0.0078	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-4.992	-0.0060	-2.5 to 2.5	Pass
					3.85	-6.366	-0.0077	-2.5 to 2.5	Pass
					4.43	-5.565	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-4.621	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-6.337	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-8.440	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-7.367	-0.0089	-2.5 to 2.5	Pass
				10	3.85	-6.294	-0.0076	-2.5 to 2.5	Pass
				30	3.85	-7.167	-0.0086	-2.5 to 2.5	Pass
				40	3.85	-3.562	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-5.307	-0.0064	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-5.908	-0.0070	-2.5 to 2.5	Pass
					3.85	-4.334	-0.0052	-2.5 to 2.5	Pass
					4.43	-3.633	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-5.436	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-4.377	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-4.563	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-8.254	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-5.836	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-8.240	-0.0098	-2.5 to 2.5	Pass
				40	3.85	-6.881	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-7.796	-0.0093	-2.5 to 2.5	Pass
16QAM	821.5	75	0	20	3.27	-4.964	-0.0060	-2.5 to 2.5	Pass
					3.85	-5.007	-0.0061	-2.5 to 2.5	Pass
					4.43	-3.004	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-6.895	-0.0084	-2.5 to 2.5	Pass
				-20	3.85	-5.364	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-0.916	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-6.480	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-6.423	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-6.423	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-5.350	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-5.293	-0.0064	-2.5 to 2.5	Pass

	831.5	75	0	20	3.27	-6.838	-0.0082	-2.5 to 2.5	Pass
					3.85	-5.608	-0.0067	-2.5 to 2.5	Pass
					4.43	-6.466	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	-2.232	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-4.306	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-3.605	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-6.337	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-0.772	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-2.632	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-3.905	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-7.839	-0.0094	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-6.366	-0.0076	-2.5 to 2.5	Pass
					3.85	-8.068	-0.0096	-2.5 to 2.5	Pass
					4.43	-7.968	-0.0095	-2.5 to 2.5	Pass
				-30	3.85	-7.753	-0.0092	-2.5 to 2.5	Pass
				-20	3.85	-7.467	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-6.766	-0.0080	-2.5 to 2.5	Pass
				0	3.85	-4.849	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-6.065	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-3.319	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-7.238	-0.0086	-2.5 to 2.5	Pass
				50	3.85	-7.095	-0.0084	-2.5 to 2.5	Pass

3. Modulation Characteristics

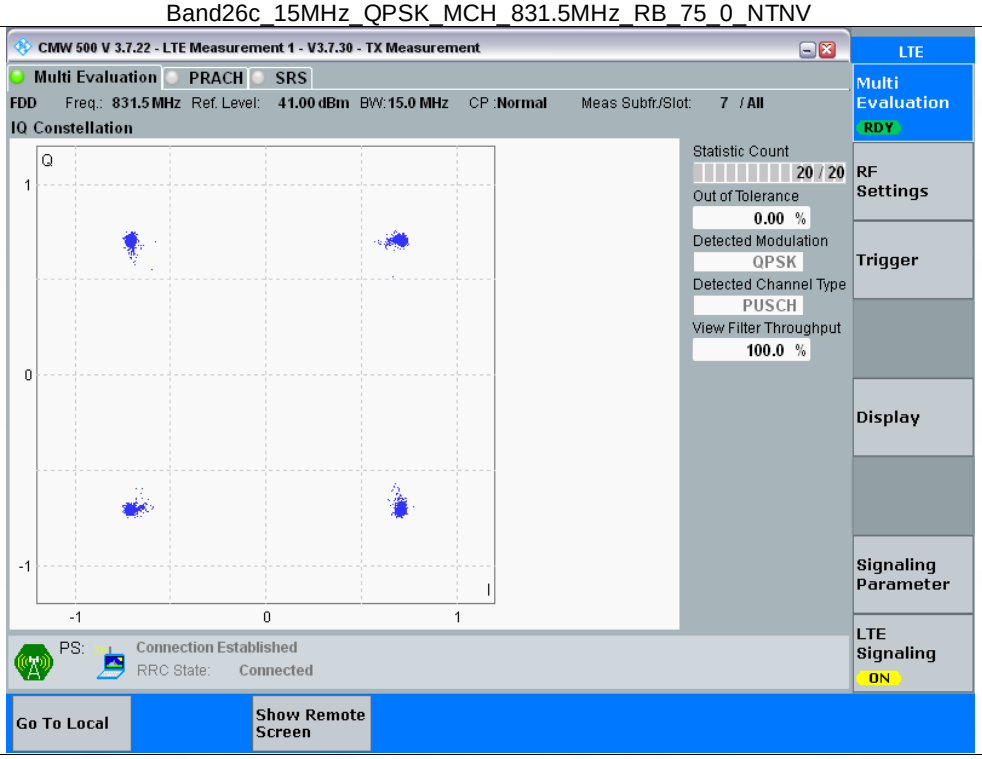
3.1 B26c_15MHz

3.1.1 Test Result

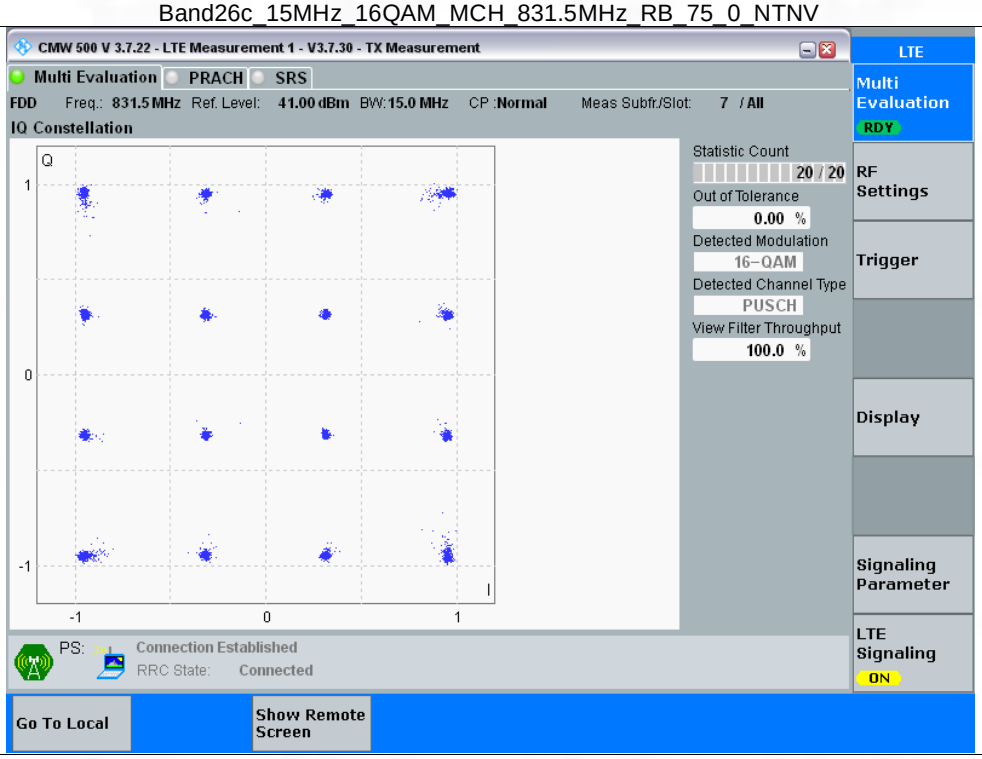
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	75	0	Refer To Test Graph		Pass
16QAM	831.5	75	0	Refer To Test Graph		Pass

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

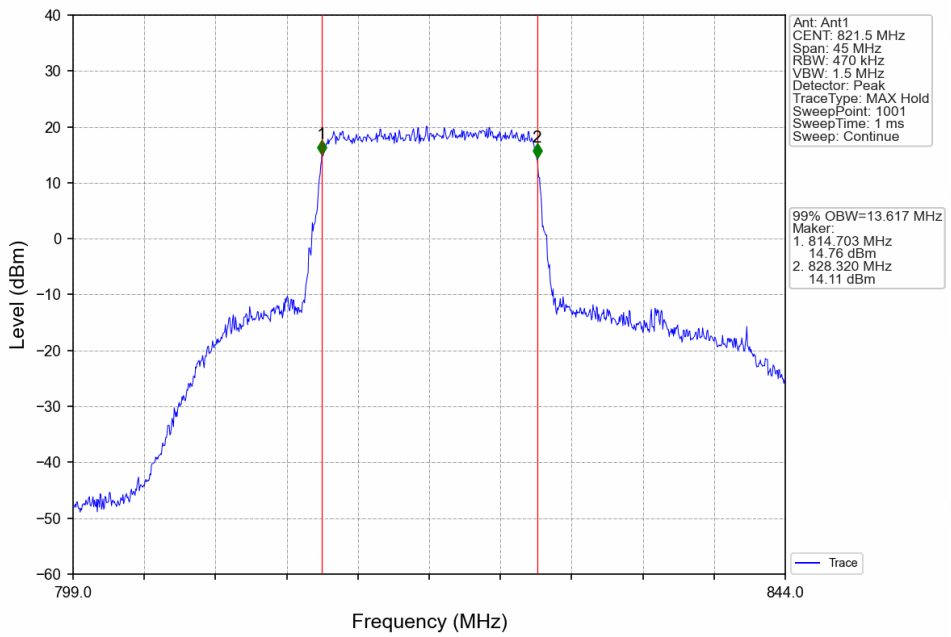
4.1 Band26c_OBW

4.1.1 Test Result

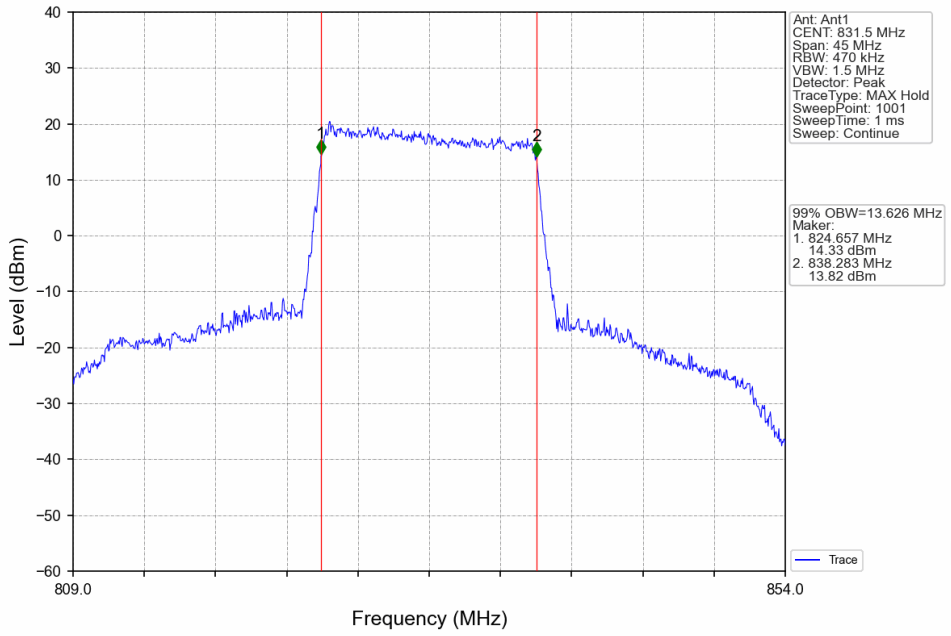
Band: 26c / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	13.617	Pass
		831.5	75	0	13.626	Pass
		841.5	75	0	13.574	Pass
	16QAM	821.5	75	0	13.661	Pass
		831.5	75	0	13.661	Pass
		841.5	75	0	13.586	Pass

4.1.2 Test Graph

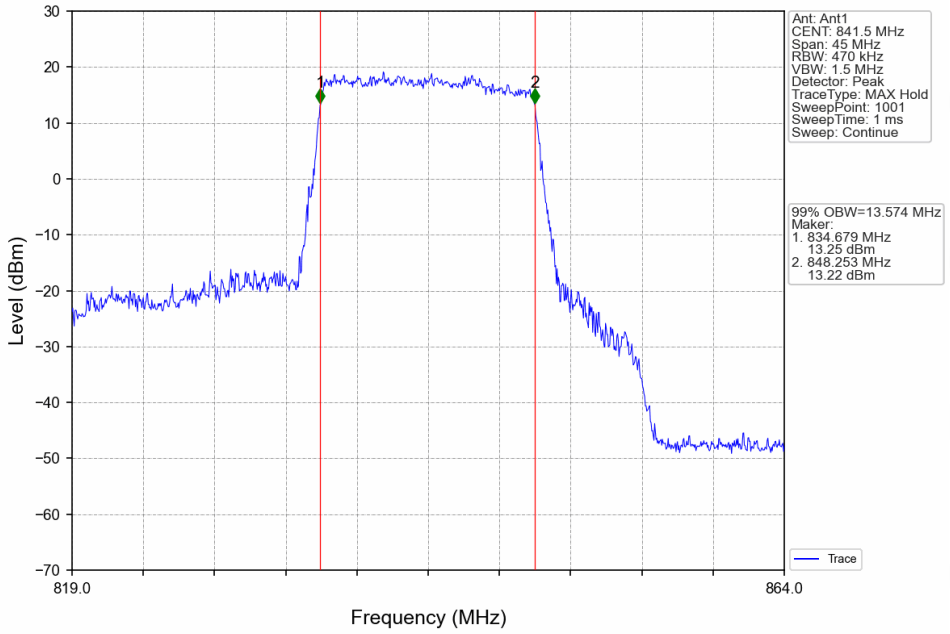
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



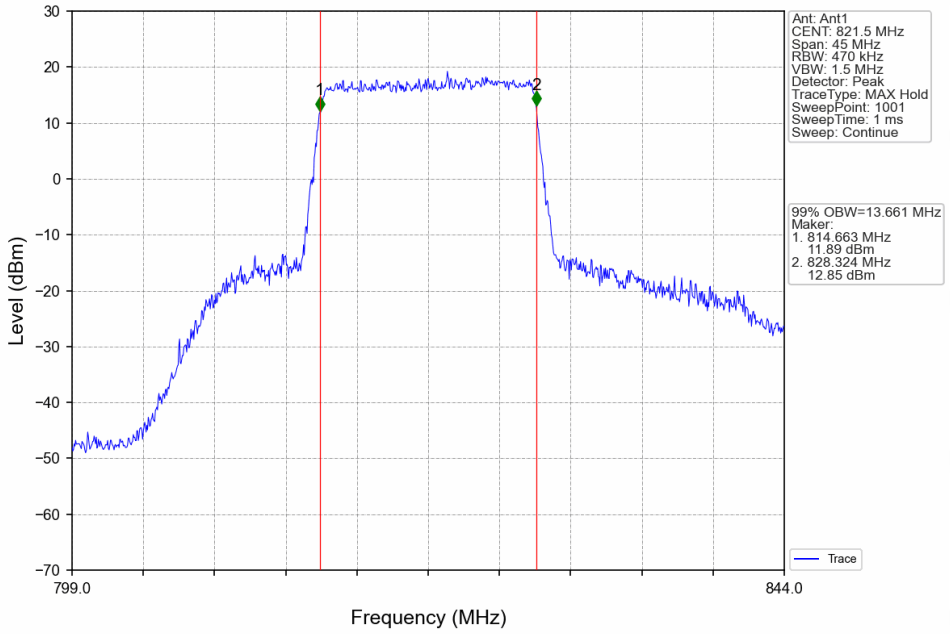
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



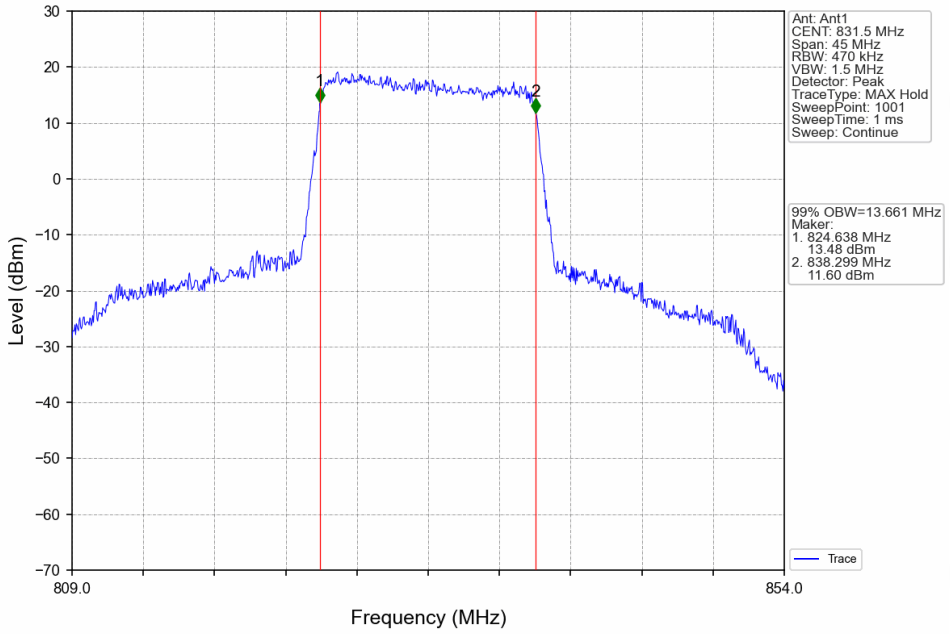
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



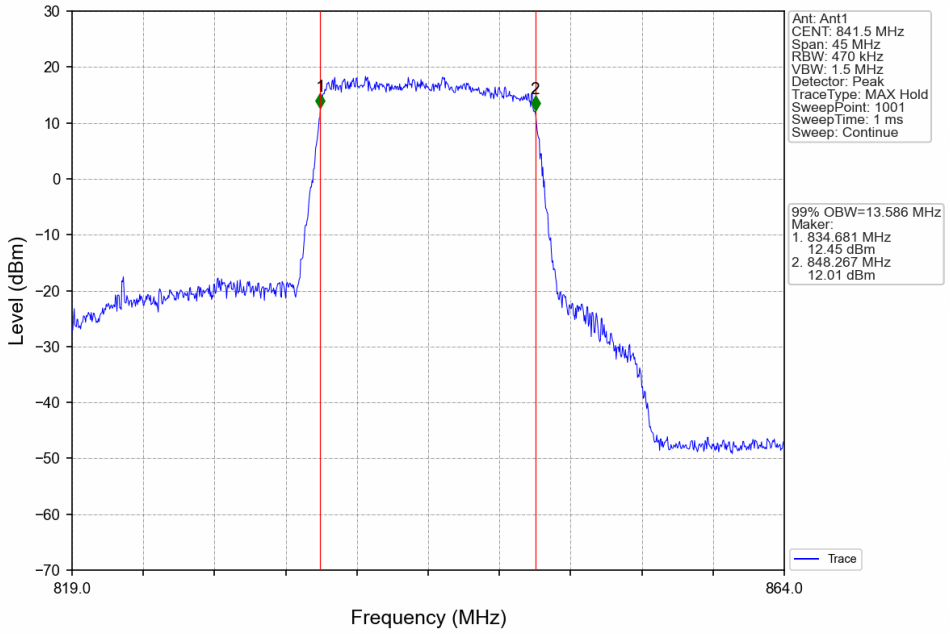
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



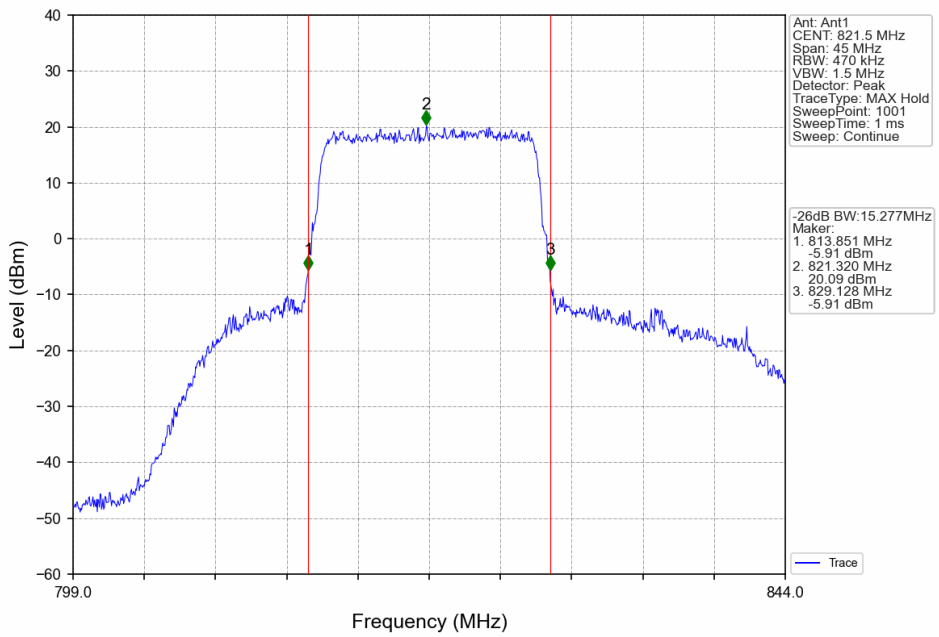
4.2 Band26c_XDB

4.2.1 Test Result

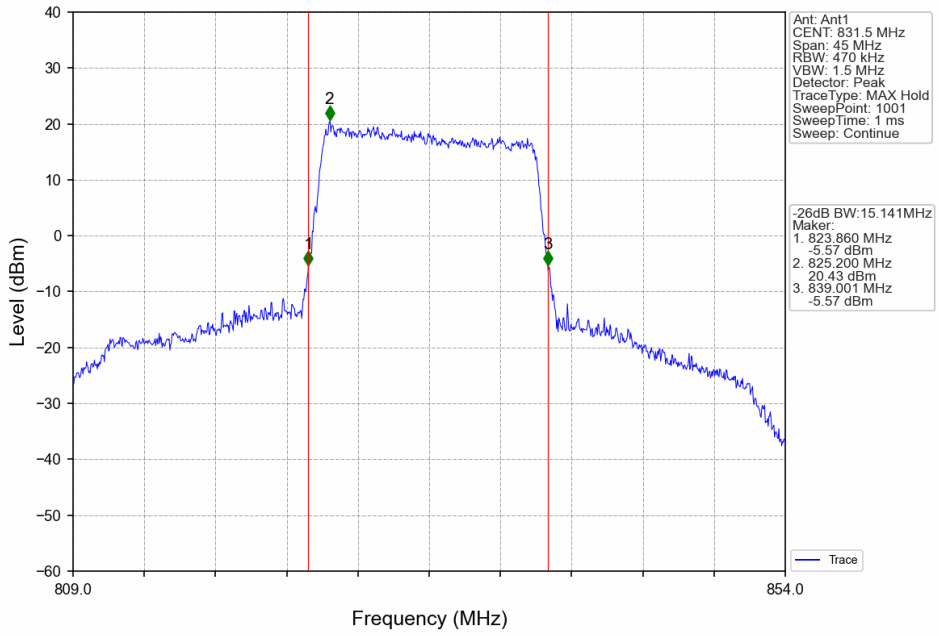
Band: 26c / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	15.277	Pass
		831.5	75	0	15.141	Pass
		841.5	75	0	15.292	Pass
	16QAM	821.5	75	0	15.312	Pass
		831.5	75	0	15.338	Pass
		841.5	75	0	15.245	Pass

4.2.2 Test Graph

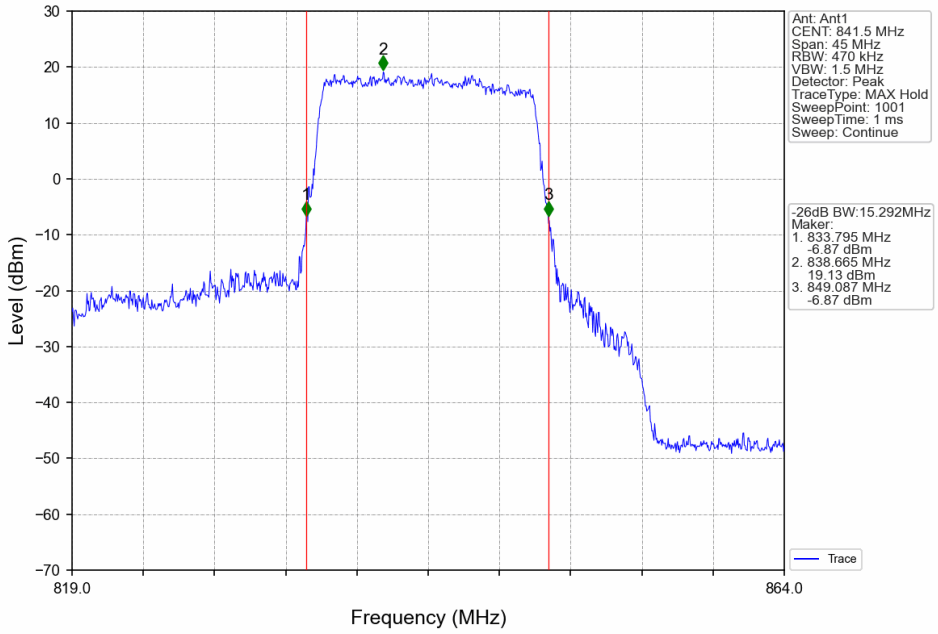
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



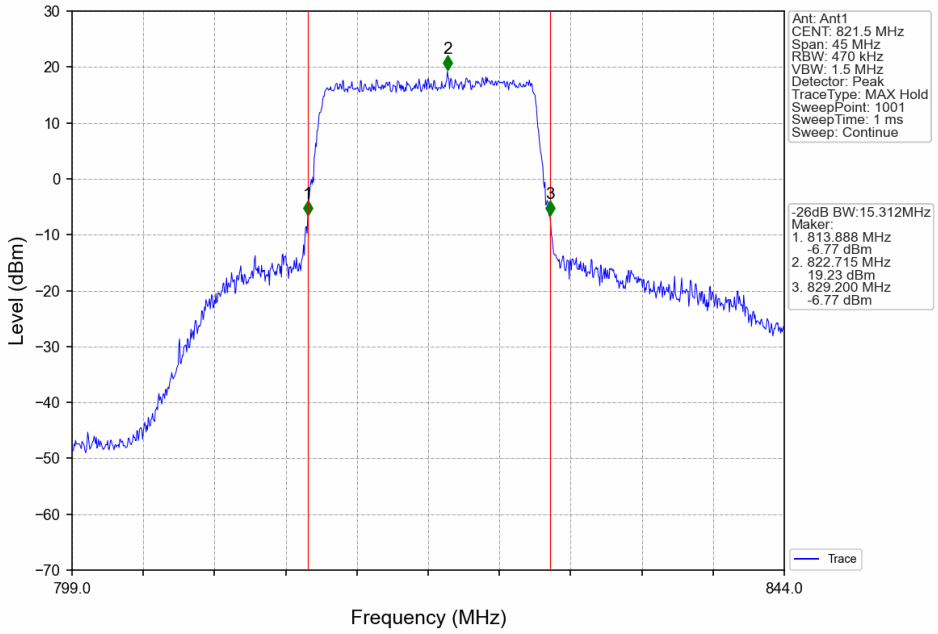
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



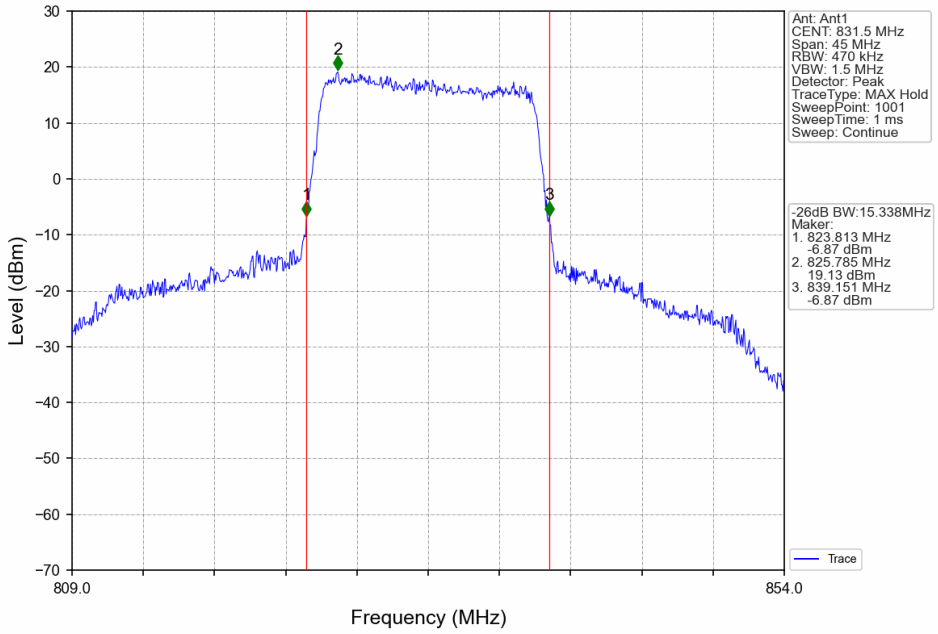
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



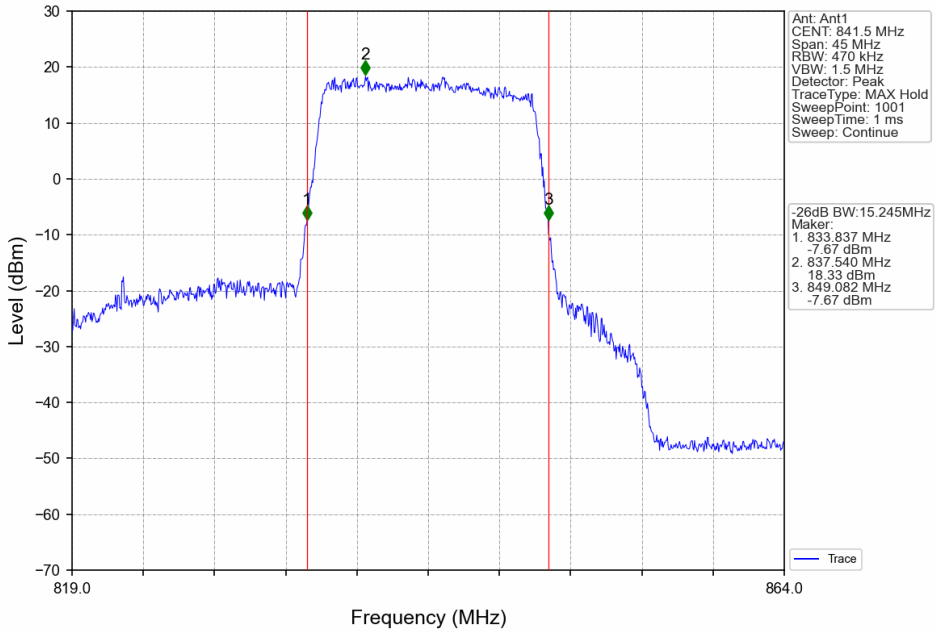
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



5. Peak-Average Ratio

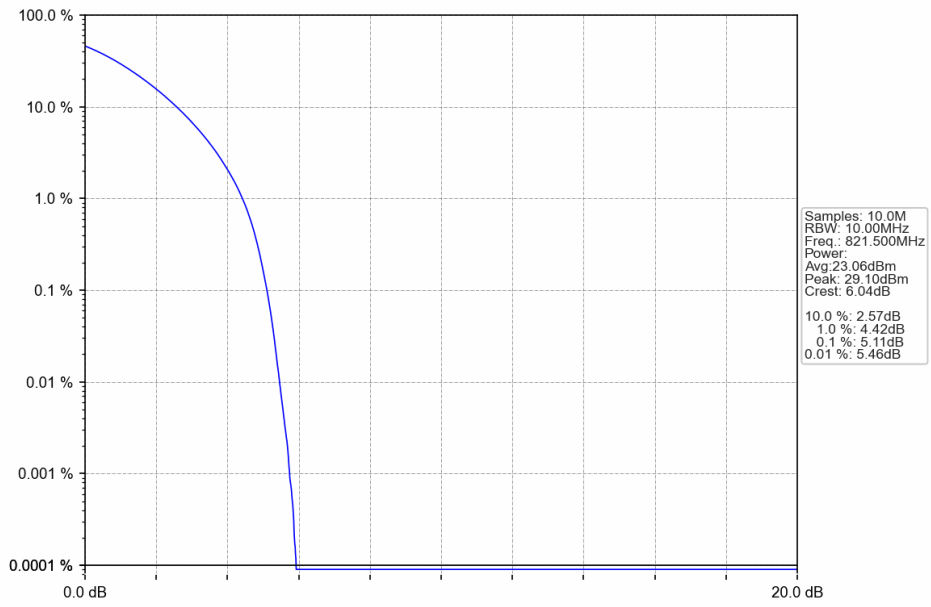
5.1 B26c_15MHz

5.1.1 Test Result

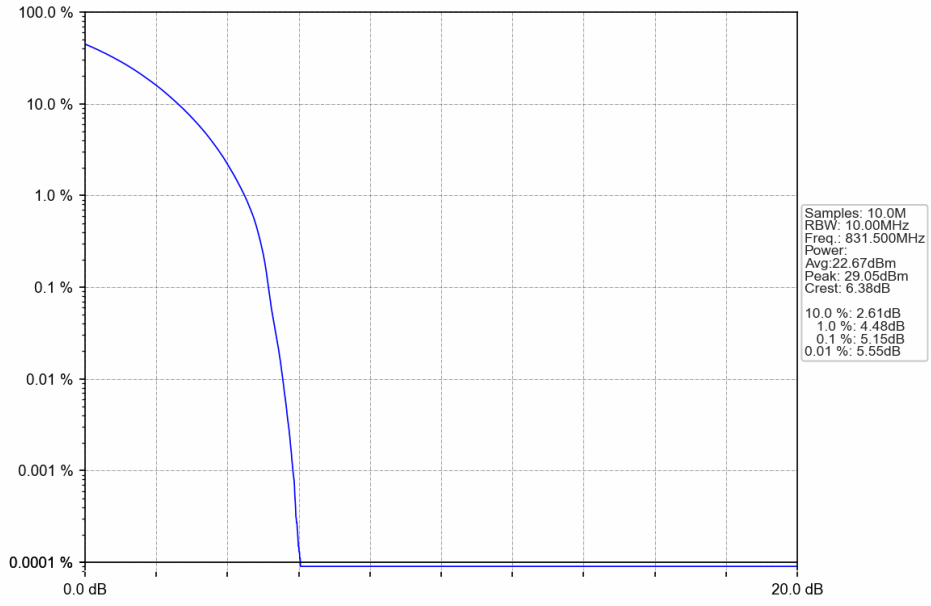
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	5.11	<=13	Pass
	831.5	75	0	5.15	<=13	Pass
	841.5	75	0	5.23	<=13	Pass
16QAM	821.5	75	0	5.99	<=13	Pass
	831.5	75	0	6.00	<=13	Pass
	841.5	75	0	6.14	<=13	Pass

5.1.2 Test Graph

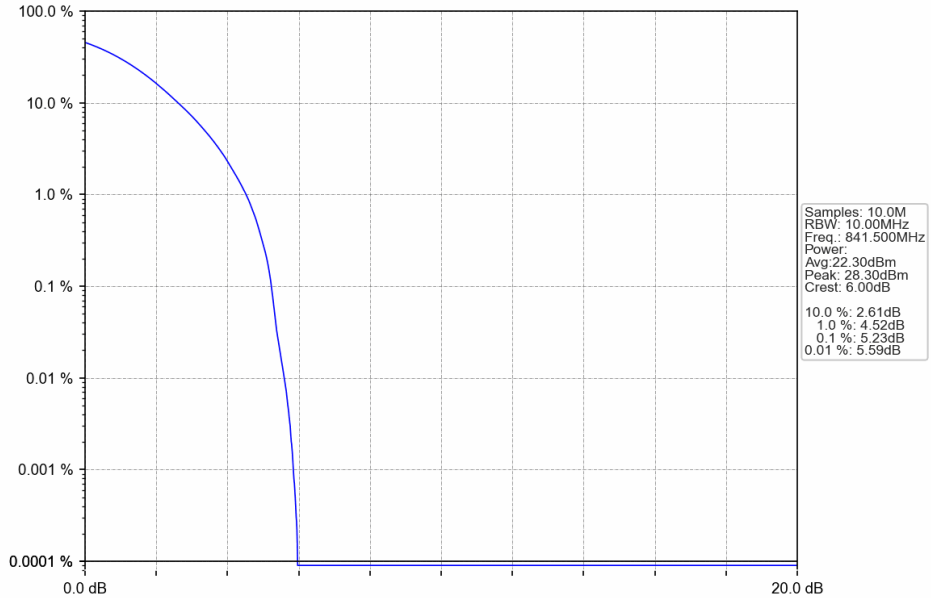
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



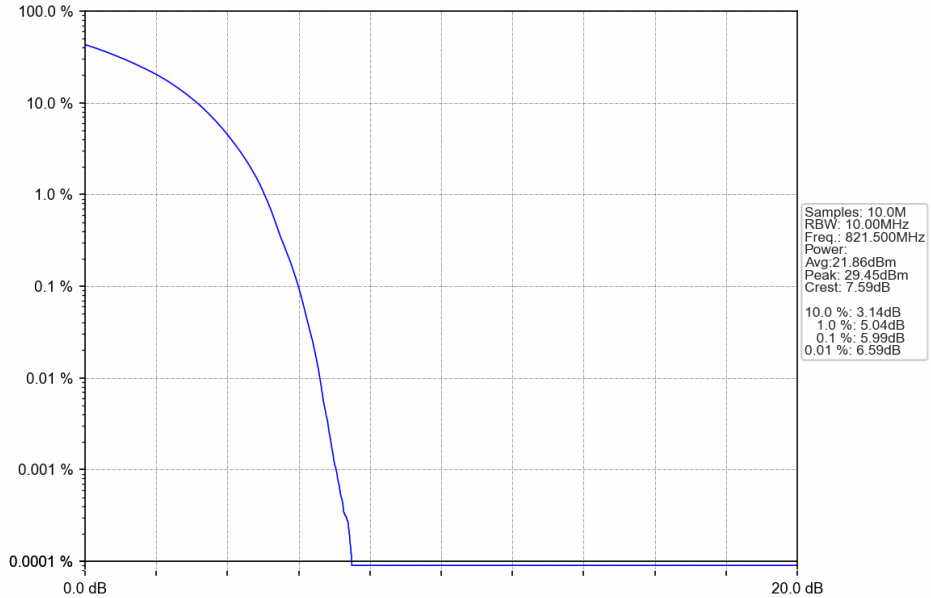
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



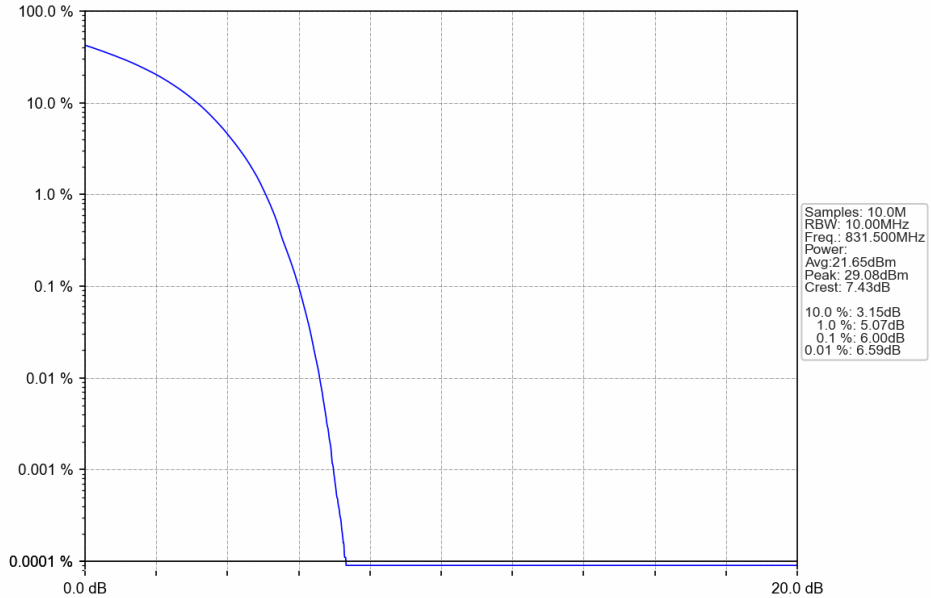
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



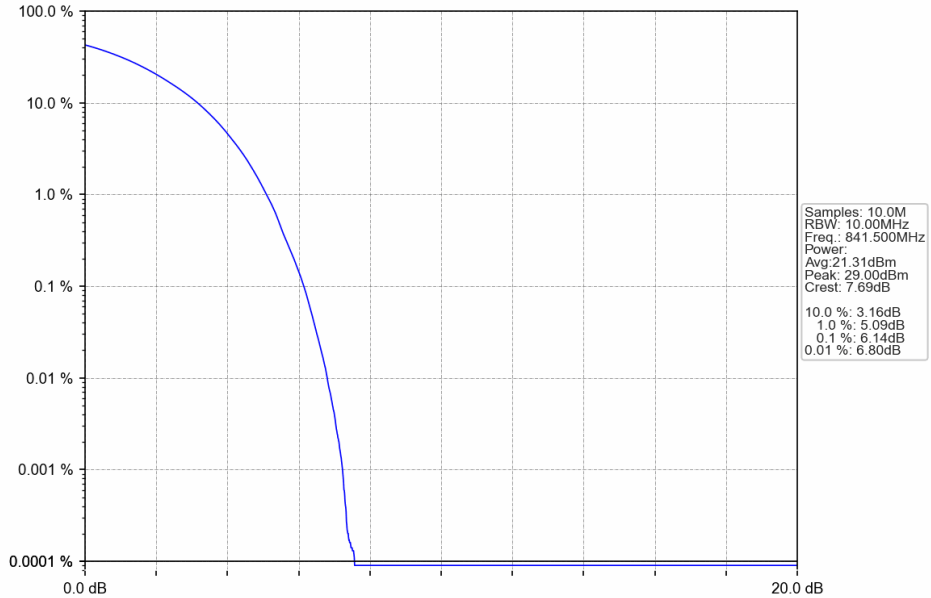
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



6. Spurious Emission

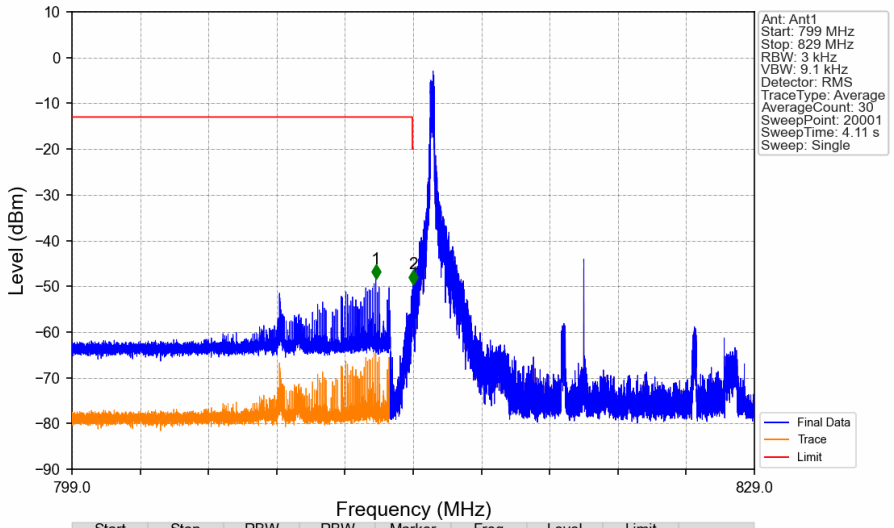
6.1 B26c_15MHz

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

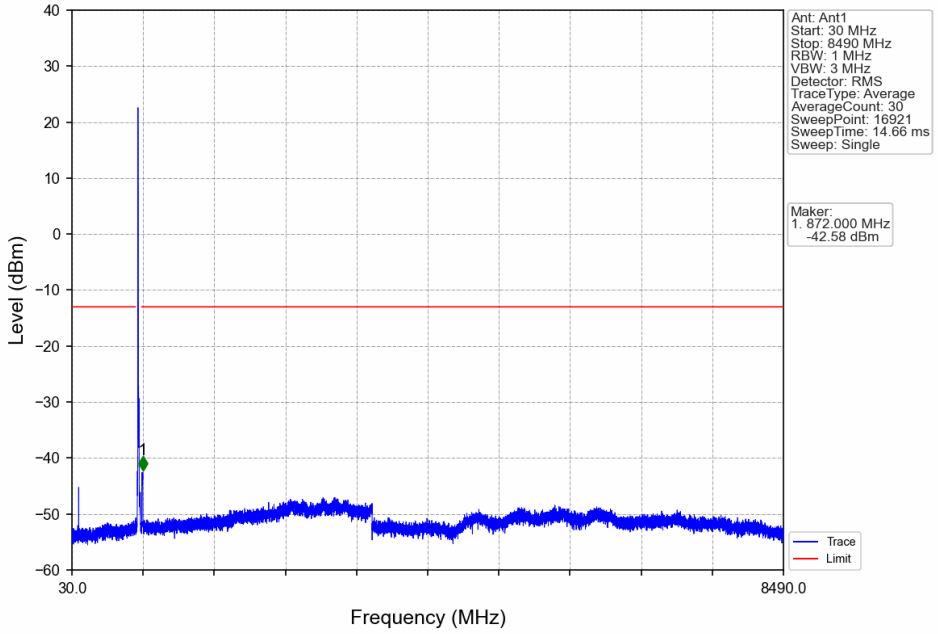
6.1.2 Test Graph

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

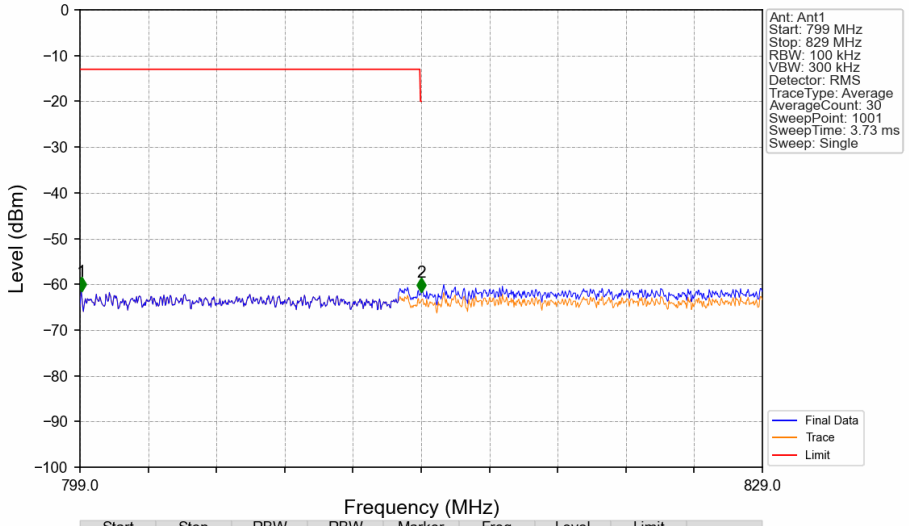


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	15.23	1	812.356	-48.33	-13	Pass
813	814	0.003	0	2	813.997	-49.54	-20	Pass
814	829	0.003	0	/	/	/	/	/

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

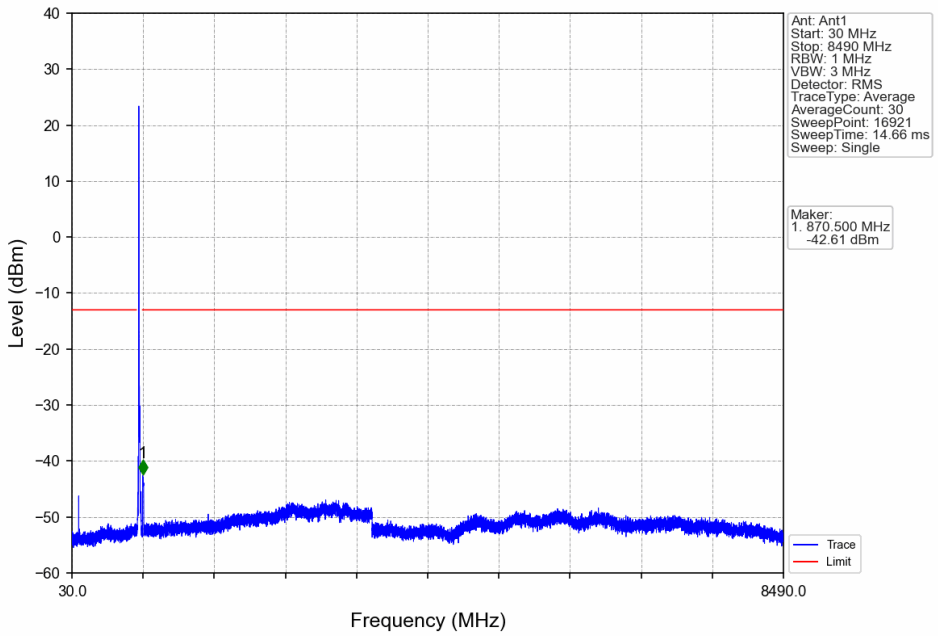


Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV

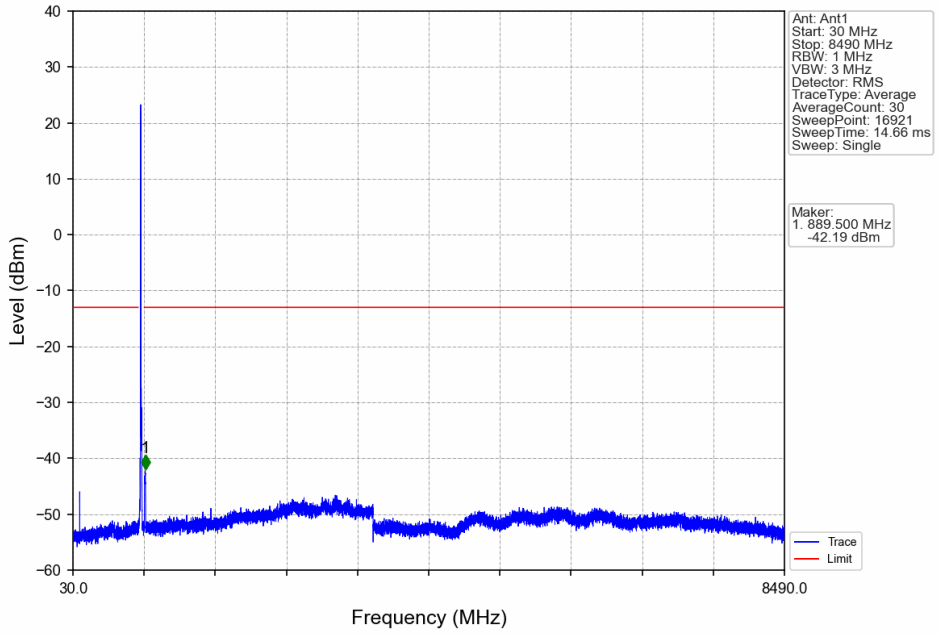


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	0	1	799.060	-61.60	-13	Pass
813	814	0.15	1.76	2	814.000	-61.74	-20	Pass
814	829	0.15	1.76	/	/	/	/	/

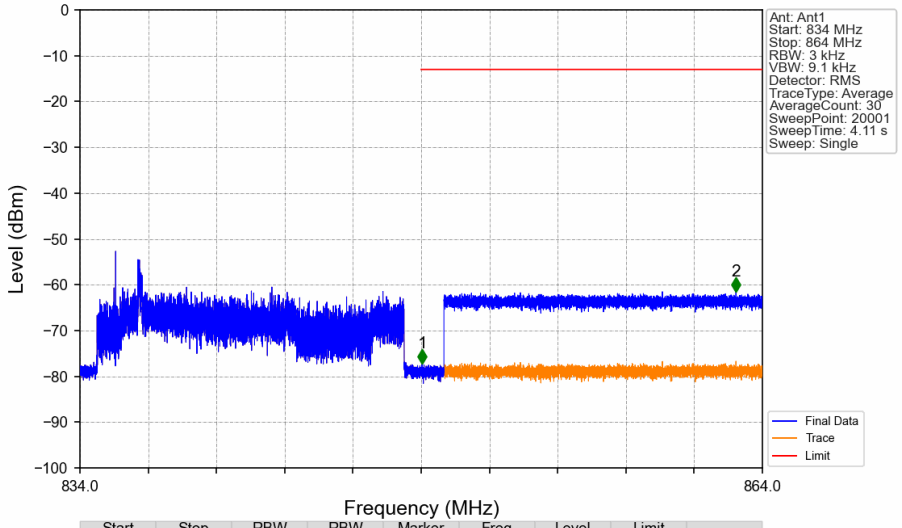
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV

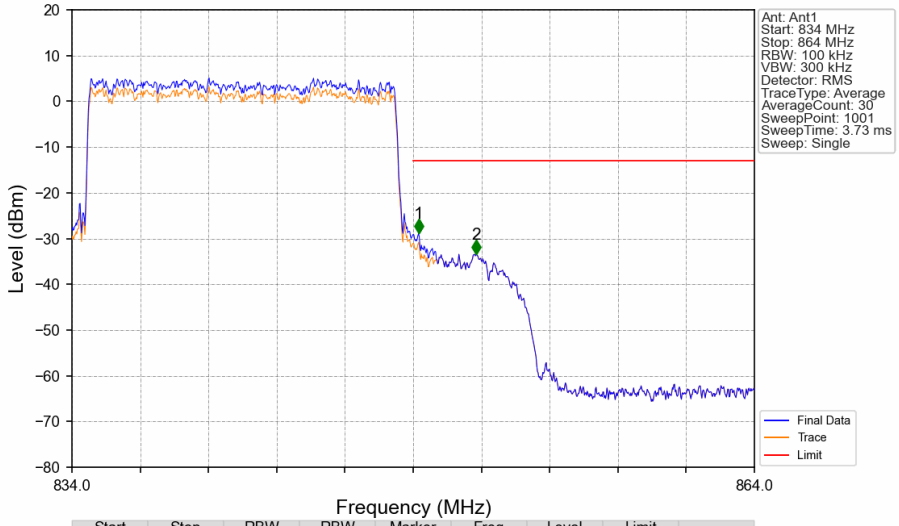


Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_74_NTNV



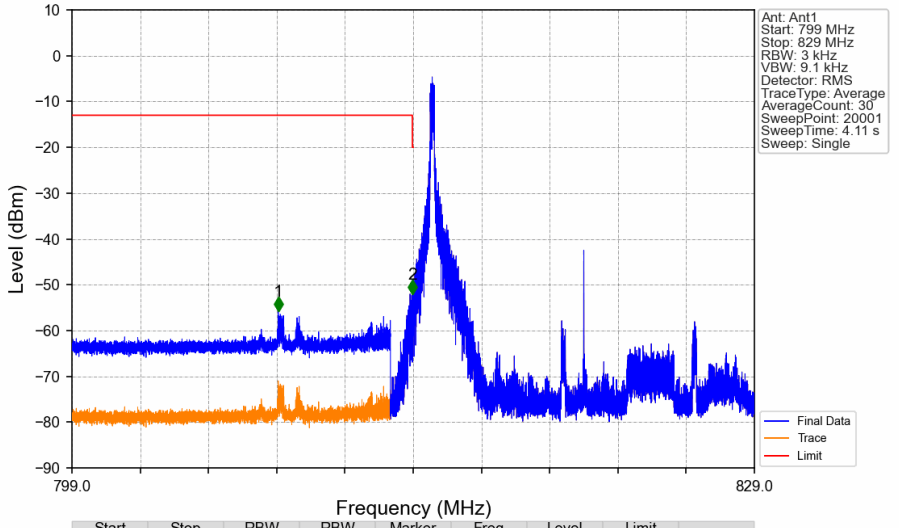
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	0	/	/	/	/	/
849	850	0.003	0	1	849.048	-77.15	-13	Pass
850	864	0.1	15.23	2	862.837	-61.47	-13	Pass

Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



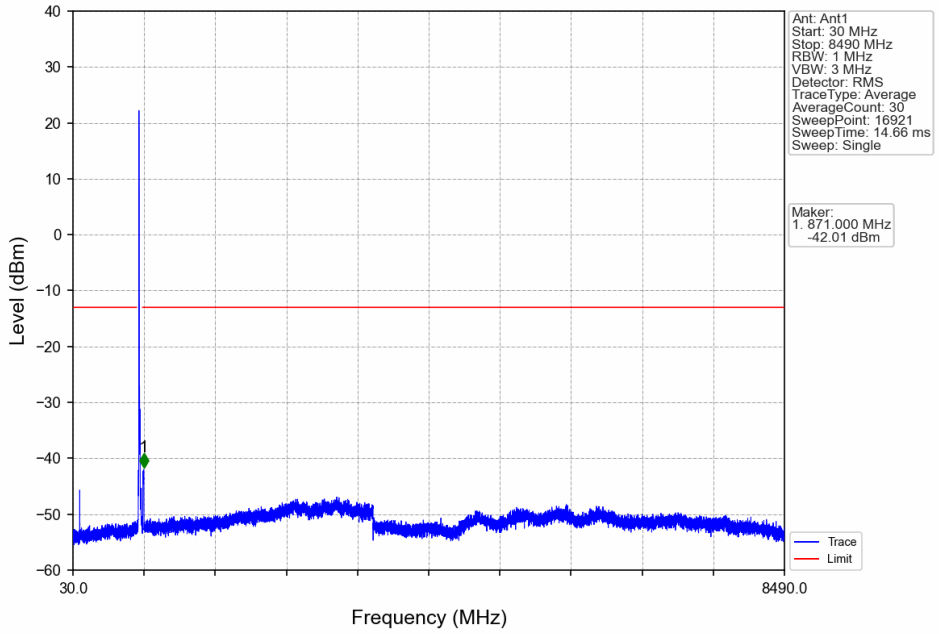
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.156	1.93	/	/	/	/	/
849	850	0.156	1.93	1	849.240	-28.88	-13	Pass
850	864	0.1	0	2	851.760	-33.43	-13	Pass

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

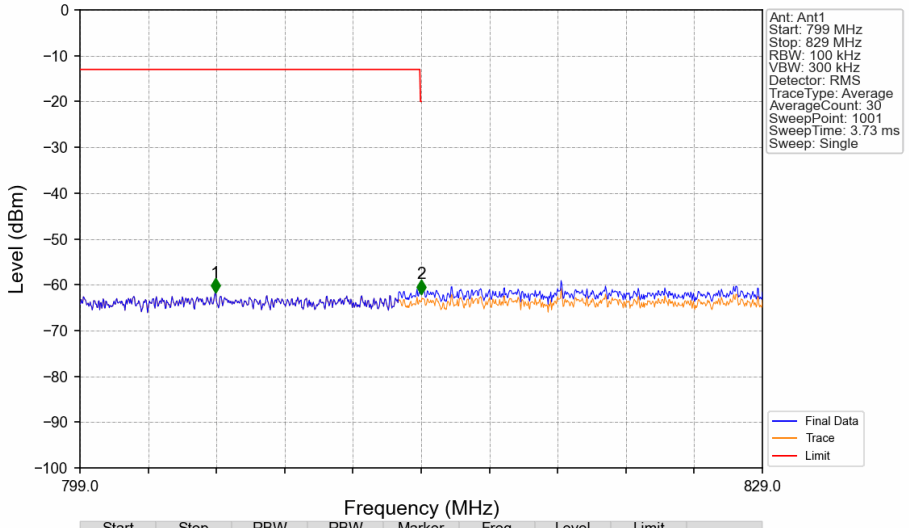


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	15.23	1	808.067	-55.76	-13	Pass
813	814	0.003	0	2	813.970	-52.13	-20	Pass
814	829	0.003	0	/	/	/	/	/

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

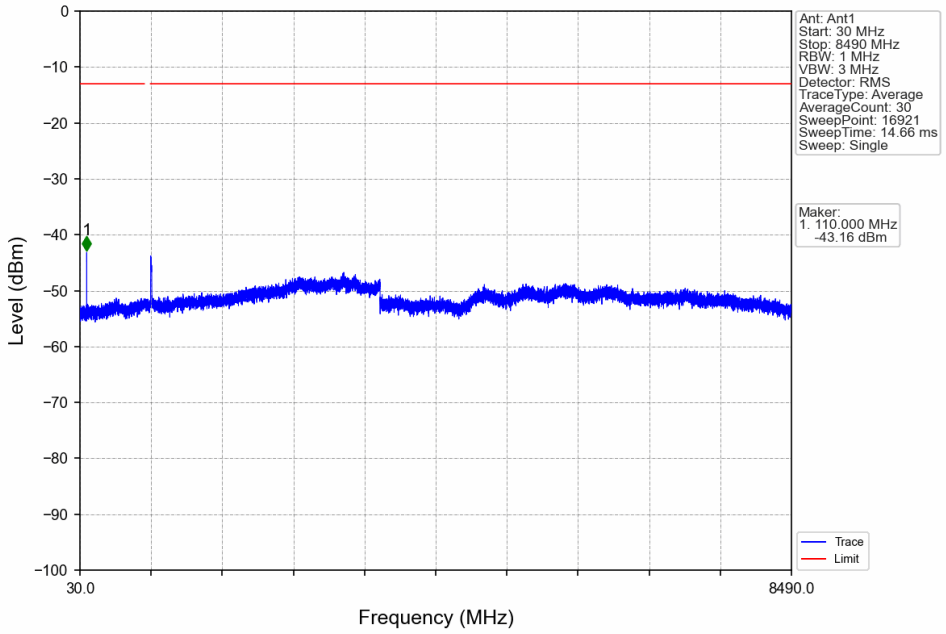


Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV

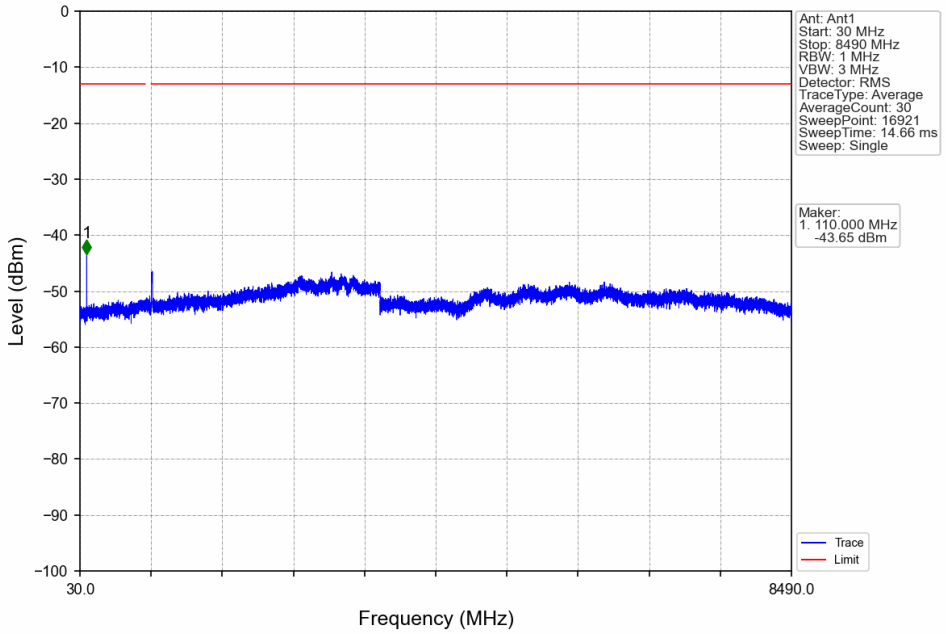


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	0	1	804.940	-61.75	-13	Pass
813	814	0.15	1.76	2	814.000	-62.01	-20	Pass
814	829	0.15	1.76	/	/	/	/	/

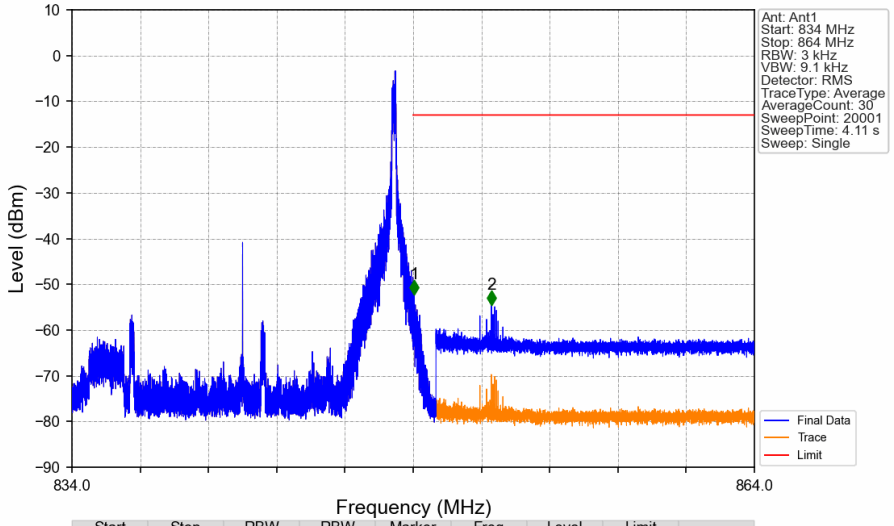
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_0_NTNV

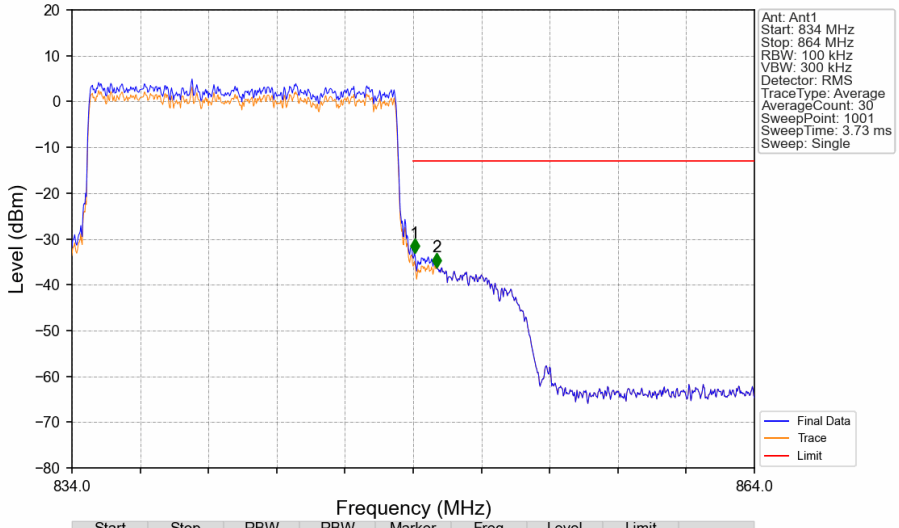


Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_74_NTNV



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	849.040	-52.17	-13	Pass
850	864	0.1	15.23	2	852.438	-54.48	-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	0.15	1.76	/	/	/	/	/
849	850	0.15	1.76	1	849.060	-33.09	-13	Pass
850	864	0.1	0	2	850.020	-36.17	-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	0.2312	0.0102	ppm	13M6G7D	/	23.64
26c	15	821.5	841.5	0.2023	0.0096	ppm	13M7W7D	/	23.06

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	0.2612	0.0102	ppm	13M6G7D	/	24.17
26c	15	821.5	841.5	0.2286	0.0096	ppm	13M7W7D	/	23.59