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	22.54	-1.12	19.27	<=38.45	Pass
			38	22.47	-1.12	19.20	<=38.45	Pass
			74	22.25	-1.12	18.98	<=38.45	Pass
		36	0	21.50	-1.12	18.23	<=38.45	Pass
			18	21.58	-1.12	18.31	<=38.45	Pass
			39	21.57	-1.12	18.30	<=38.45	Pass
		75	0	21.59	-1.12	18.32	<=38.45	Pass
	831.5	1	0	22.26	-1.12	18.99	<=38.45	Pass
			38	22.36	-1.12	19.09	<=38.45	Pass
			74	22.15	-1.12	18.88	<=38.45	Pass
		36	0	21.48	-1.12	18.21	<=38.45	Pass
			18	21.47	-1.12	18.20	<=38.45	Pass
			39	21.32	-1.12	18.05	<=38.45	Pass
		75	0	21.38	-1.12	18.11	<=38.45	Pass
	841.5	1	0	22.15	-1.12	18.88	<=38.45	Pass
			38	22.34	-1.12	19.07	<=38.45	Pass
			74	22.05	-1.12	18.78	<=38.45	Pass
		36	0	21.38	-1.12	18.11	<=38.45	Pass
			18	21.39	-1.12	18.12	<=38.45	Pass
			39	21.28	-1.12	18.01	<=38.45	Pass
		75	0	21.34	-1.12	18.07	<=38.45	Pass
16QAM	821.5	1	0	21.61	-1.12	18.34	<=38.45	Pass
			38	21.69	-1.12	18.42	<=38.45	Pass
			74	21.52	-1.12	18.25	<=38.45	Pass
		36	0	20.45	-1.12	17.18	<=38.45	Pass
			18	20.50	-1.12	17.23	<=38.45	Pass
			39	20.47	-1.12	17.20	<=38.45	Pass
		75	0	20.51	-1.12	17.24	<=38.45	Pass
	831.5	1	0	21.40	-1.12	18.13	<=38.45	Pass
			38	21.58	-1.12	18.31	<=38.45	Pass
			74	21.29	-1.12	18.02	<=38.45	Pass
		36	0	20.40	-1.12	17.13	<=38.45	Pass
			18	20.46	-1.12	17.19	<=38.45	Pass
			39	20.34	-1.12	17.07	<=38.45	Pass
		75	0	20.41	-1.12	17.14	<=38.45	Pass
	841.5	1	0	21.69	-1.12	18.42	<=38.45	Pass
			38	21.65	-1.12	18.38	<=38.45	Pass
			74	21.48	-1.12	18.21	<=38.45	Pass
		36	0	20.42	-1.12	17.15	<=38.45	Pass
			18	20.41	-1.12	17.14	<=38.45	Pass
			39	20.34	-1.12	17.07	<=38.45	Pass
		75	0	20.38	-1.12	17.11	<=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	-6.094	-0.0074	-2.5 to 2.5	Pass
					3.85	-5.479	-0.0067	-2.5 to 2.5	Pass
					4.43	-5.422	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-4.363	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-7.610	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-7.267	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-7.997	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-4.835	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-6.409	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-5.493	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-5.465	-0.0067	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-1.974	-0.0024	-2.5 to 2.5	Pass
					3.85	-3.033	-0.0036	-2.5 to 2.5	Pass
					4.43	-2.446	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-3.333	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-3.247	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-3.047	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-6.852	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-5.450	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-3.290	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-3.476	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-5.751	-0.0069	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-7.653	-0.0091	-2.5 to 2.5	Pass
					3.85	-7.939	-0.0094	-2.5 to 2.5	Pass
					4.43	-10.114	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-6.552	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-8.926	-0.0106	-2.5 to 2.5	Pass
				-10	3.85	-7.124	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-8.440	-0.0100	-2.5 to 2.5	Pass
				10	3.85	-6.452	-0.0077	-2.5 to 2.5	Pass
				30	3.85	-8.168	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-8.154	-0.0097	-2.5 to 2.5	Pass
				50	3.85	-5.393	-0.0064	-2.5 to 2.5	Pass
16QAM	821.5	75	0	20	3.27	-5.150	-0.0063	-2.5 to 2.5	Pass
					3.85	-3.676	-0.0045	-2.5 to 2.5	Pass
					4.43	-4.449	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-5.479	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-5.250	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-7.052	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-6.766	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-4.206	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-8.125	-0.0099	-2.5 to 2.5	Pass
				40	3.85	-7.310	-0.0089	-2.5 to 2.5	Pass
				50	3.85	-3.419	-0.0042	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-5.822	-0.0070	-2.5 to 2.5	Pass
					3.85	-5.636	-0.0068	-2.5 to 2.5	Pass
					4.43	-8.054	-0.0097	-2.5 to 2.5	Pass
				-30	3.85	-2.232	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-4.220	-0.0051	-2.5 to 2.5	Pass

				-10	3.85	-6.080	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-3.262	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-3.233	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-4.807	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-5.407	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-2.503	-0.0030	-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	-5.751	-0.0068	-2.5 to 2.5	Pass
					4.43	-5.522	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-6.423	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-7.782	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-5.951	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-8.655	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-8.211	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-6.552	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-10.114	-0.0120	-2.5 to 2.5	Pass
				50	3.85	-7.138	-0.0085	-2.5 to 2.5	Pass

3. Modulation Characteristics

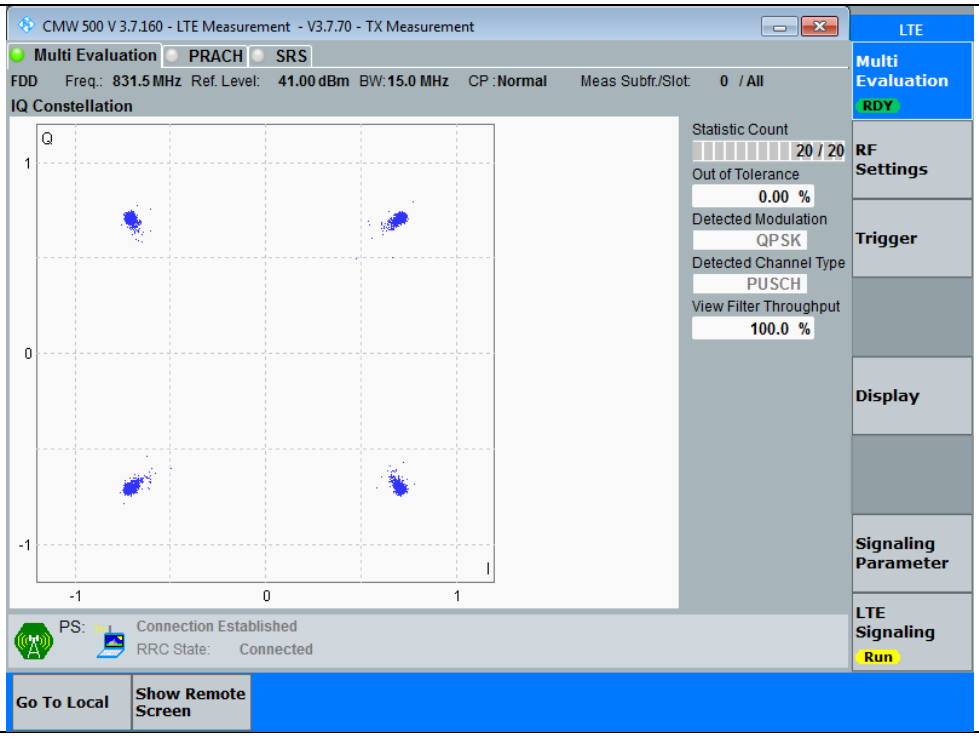
3.1 B26c_15MHz

3.1.1 Test Result

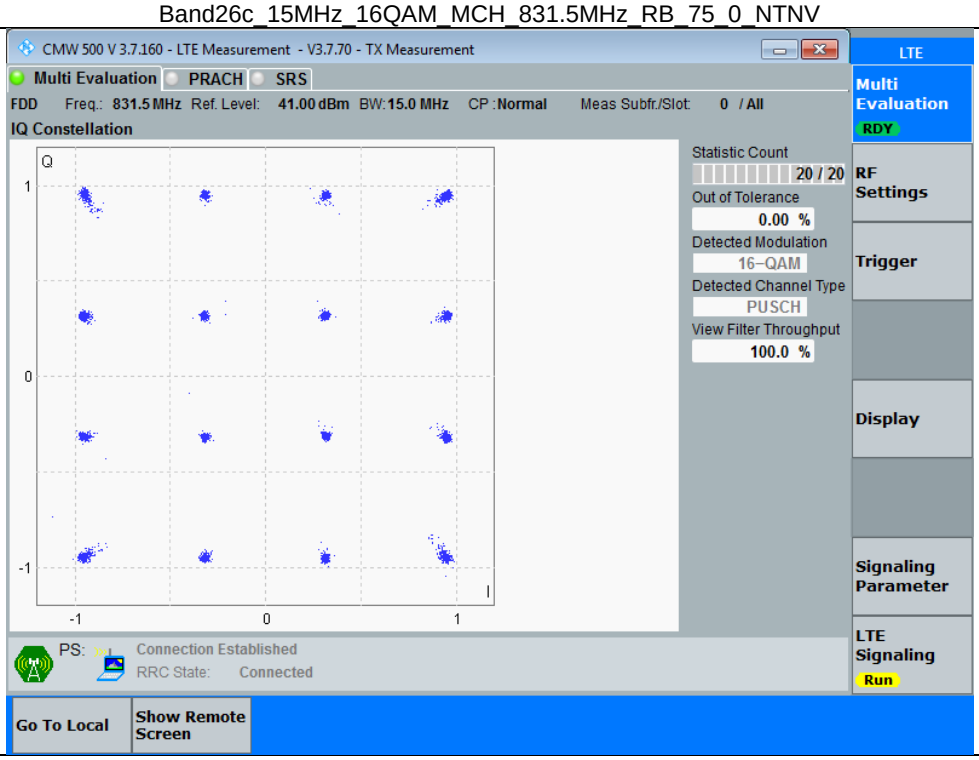
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	75	0	Refer To Test Graph		Pass
16QAM	831.5	75	0	Refer To Test Graph		Pass

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

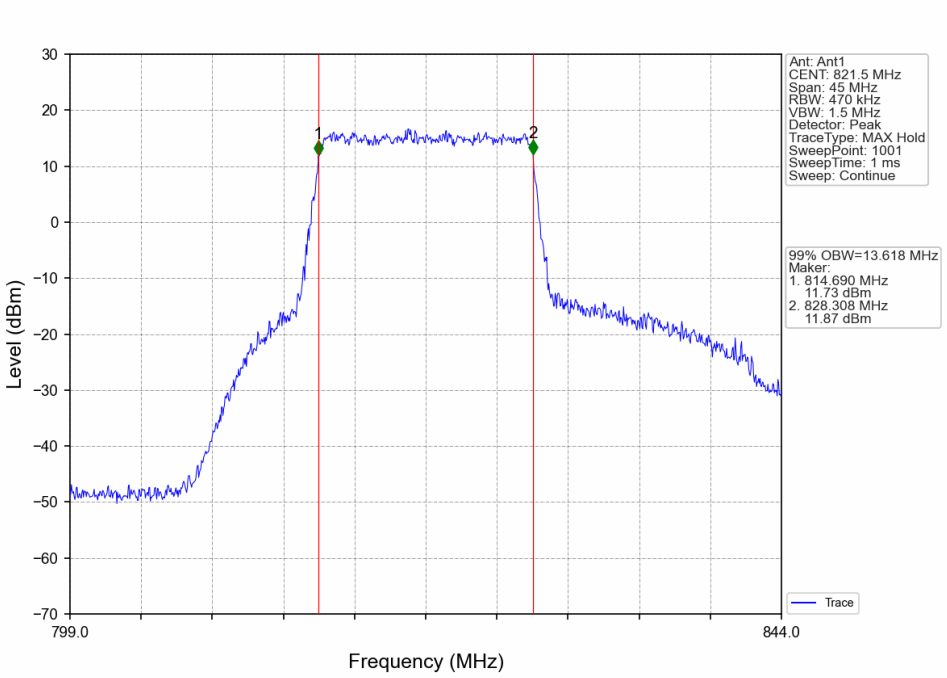
4.1 Band26c_OBW

4.1.1 Test Result

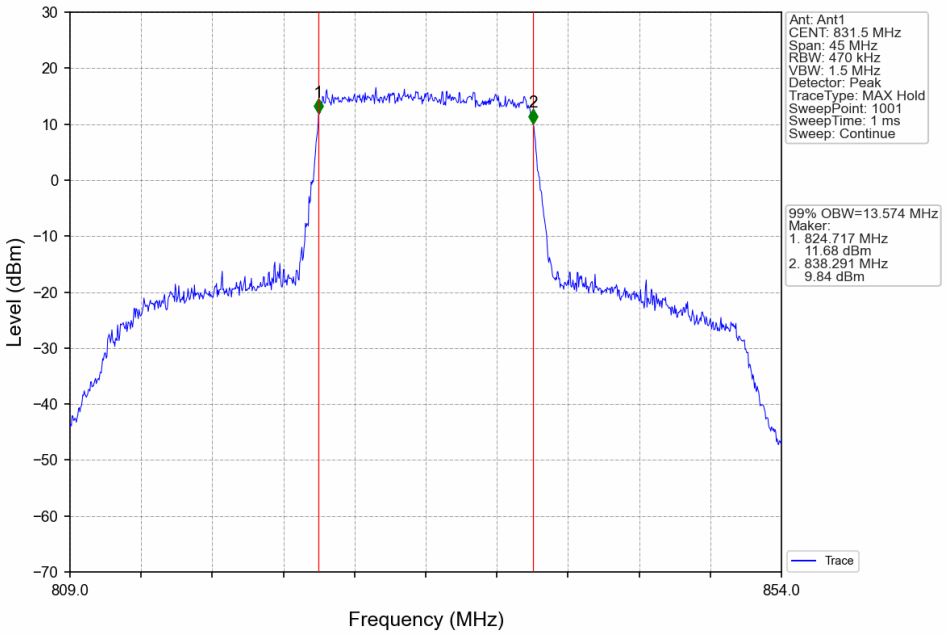
Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	13.618	/	Pass
		831.5	75	0	13.574	/	Pass
		841.5	75	0	13.619	/	Pass
	16QAM	821.5	75	0	13.643	/	Pass
		831.5	75	0	13.631	/	Pass
		841.5	75	0	13.594	/	Pass

4.1.2 Test Graph

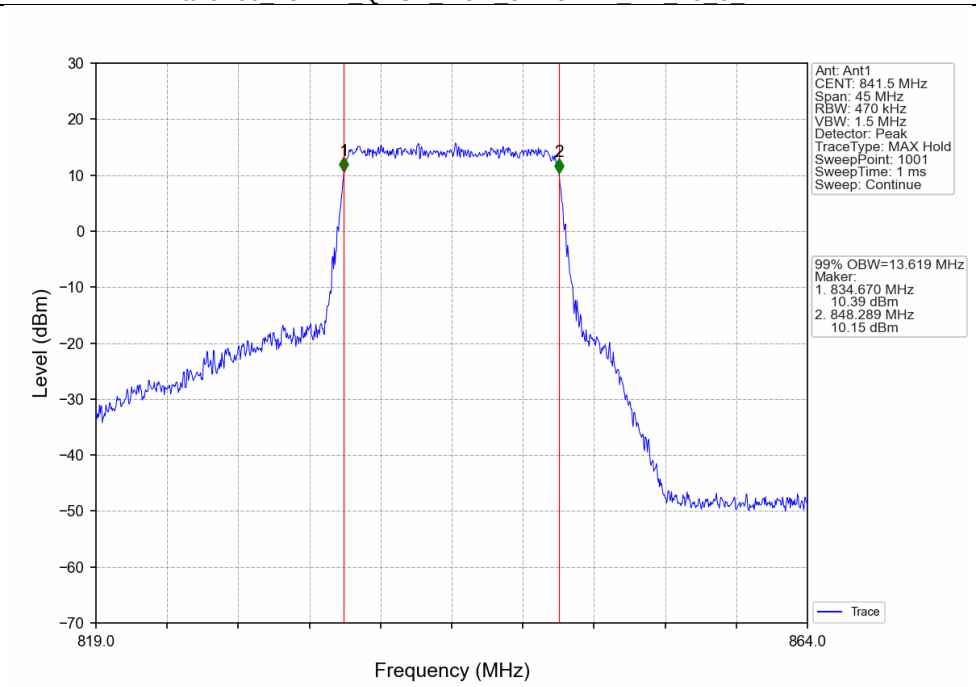
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



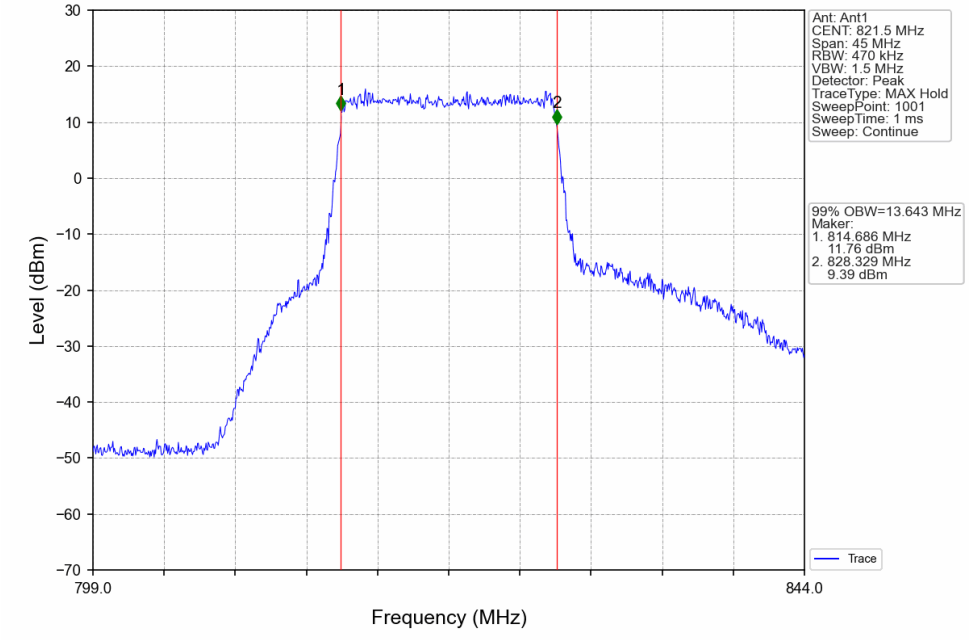
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



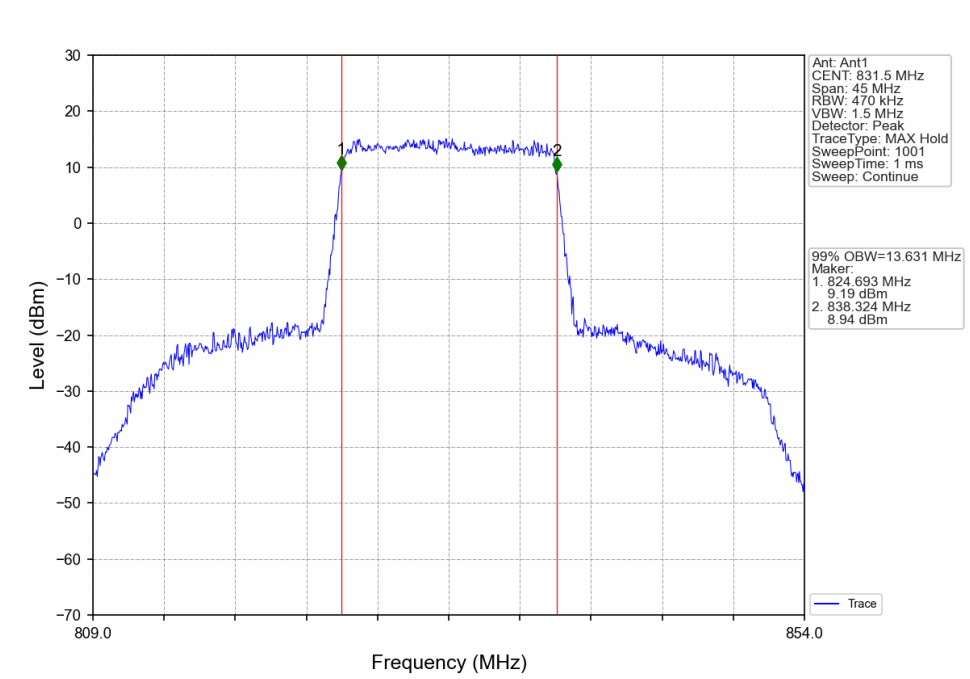
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



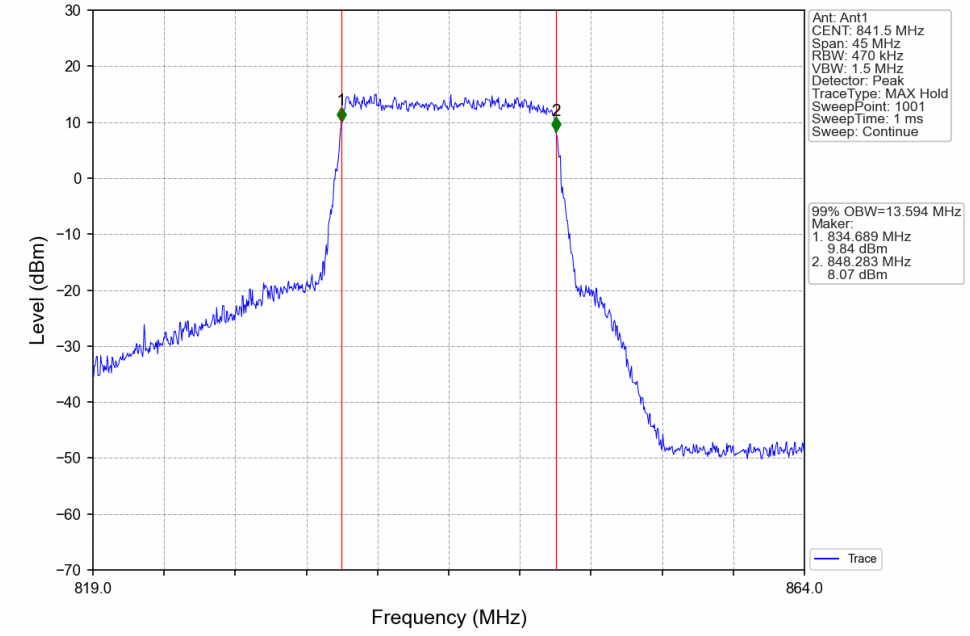
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



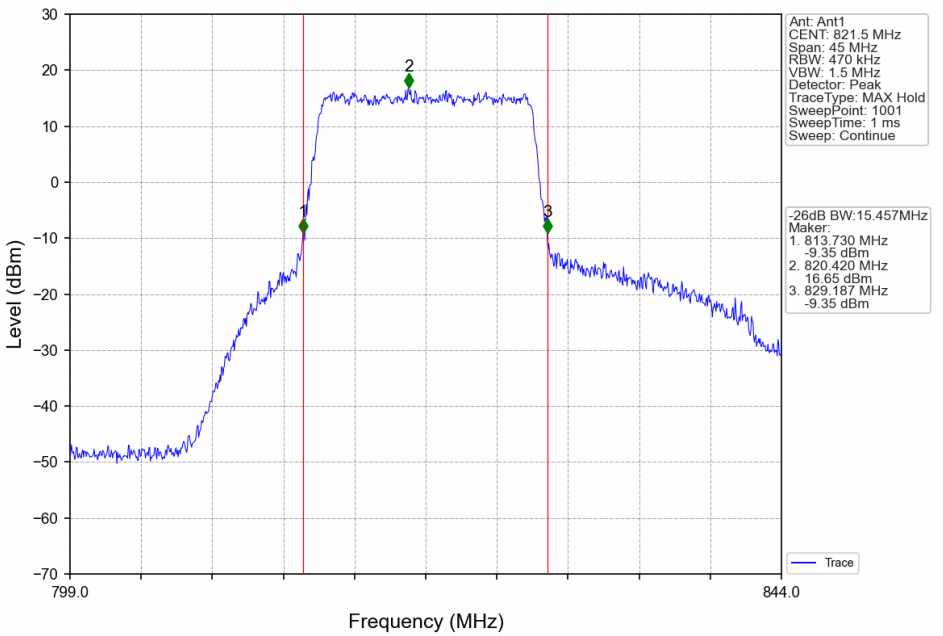
4.2 Band26c_XDB

4.2.1 Test Result

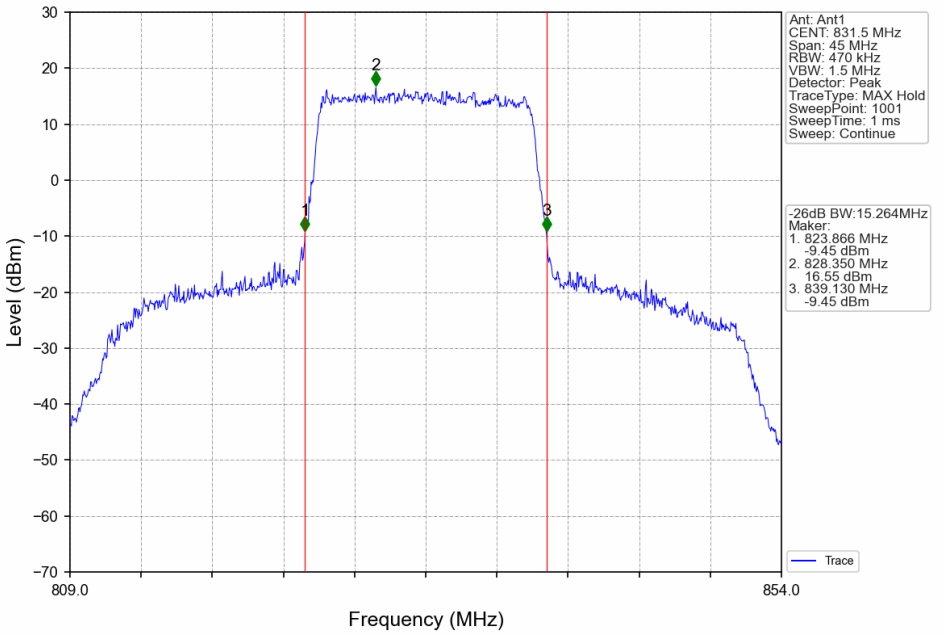
Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	15.457	/	Pass
		831.5	75	0	15.264	/	Pass
		841.5	75	0	15.261	/	Pass
	16QAM	821.5	75	0	15.548	/	Pass
		831.5	75	0	15.353	/	Pass
		841.5	75	0	15.314	/	Pass

4.2.2 Test Graph

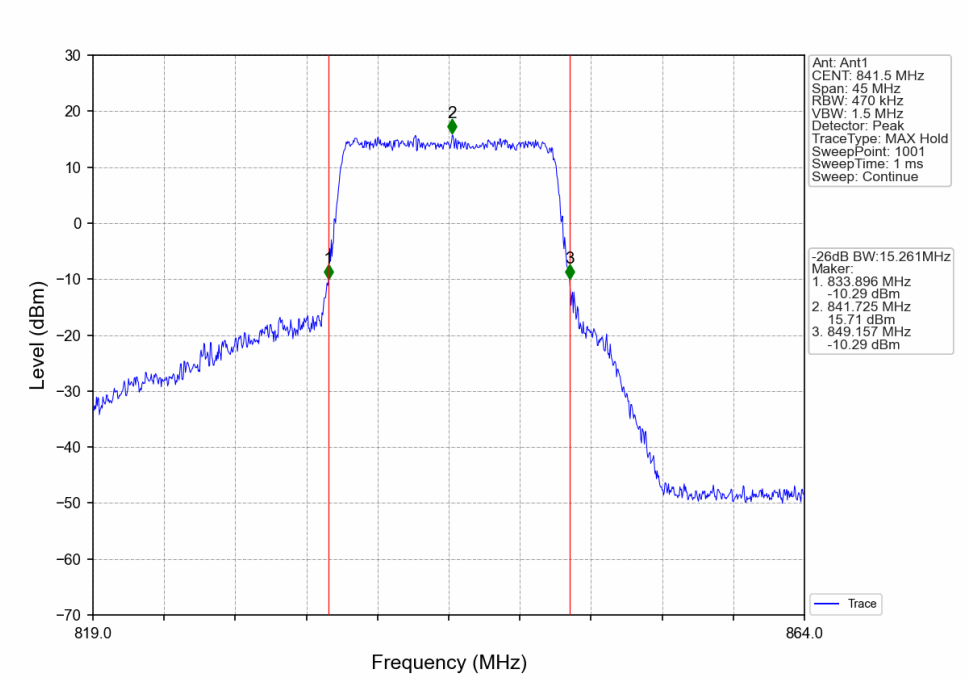
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



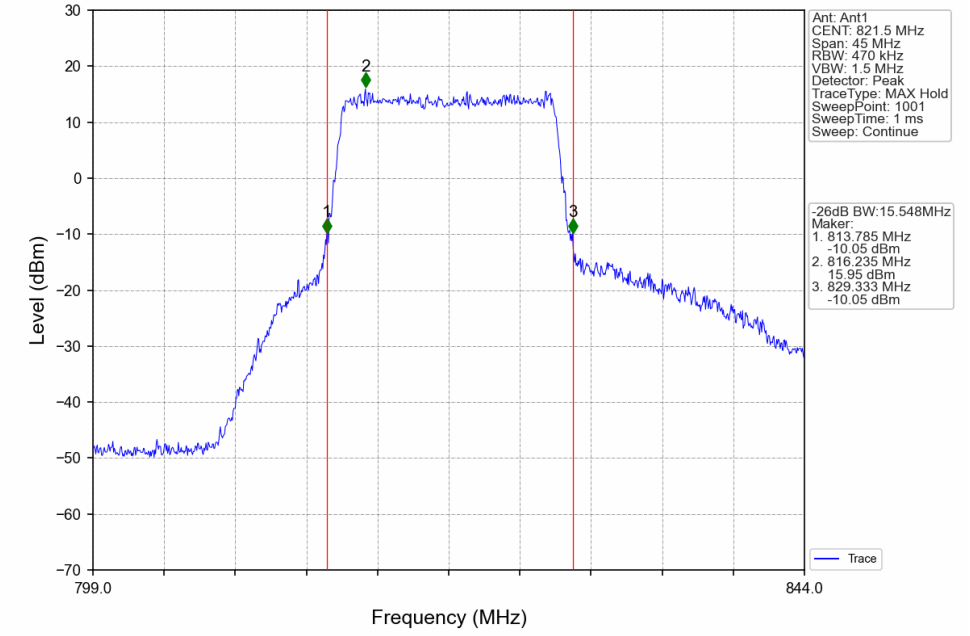
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



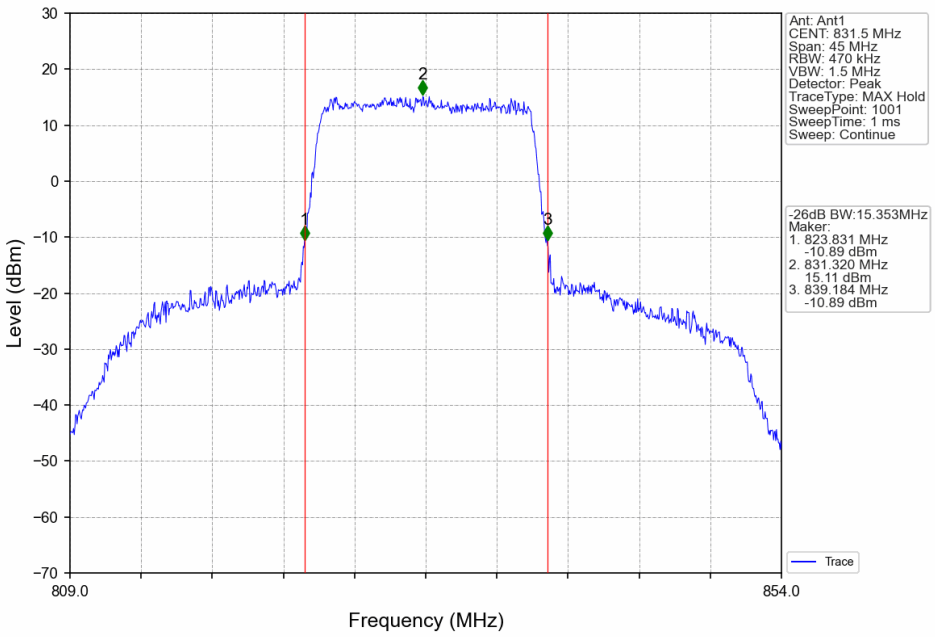
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



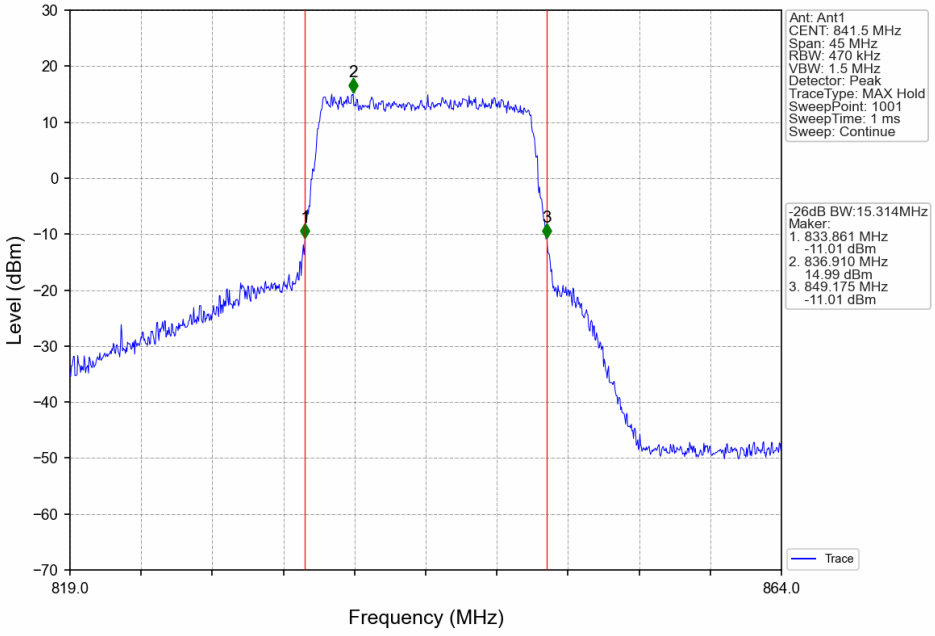
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



5. Peak-Average Ratio

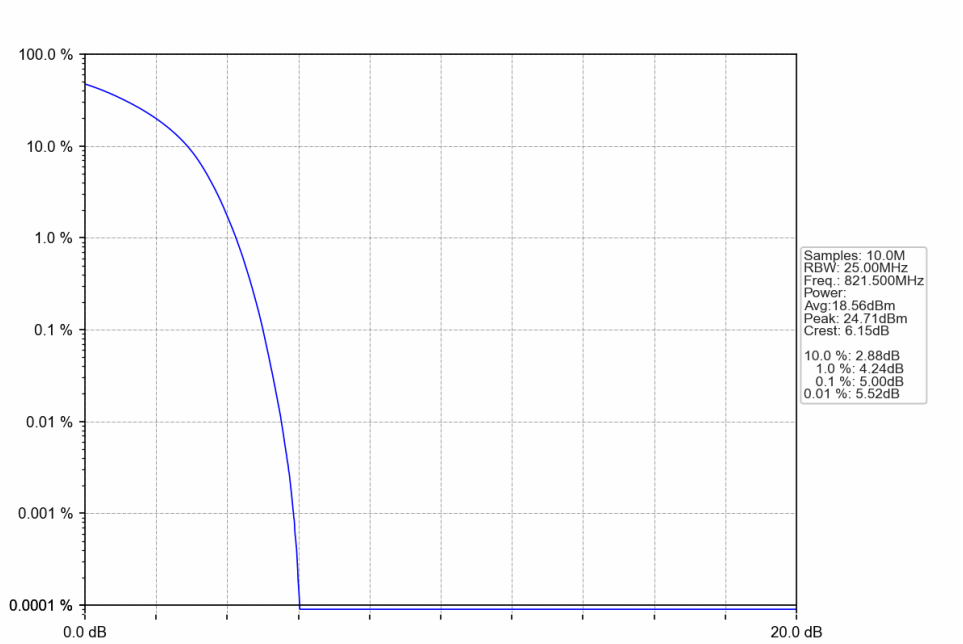
5.1 B26c_15MHz

5.1.1 Test Result

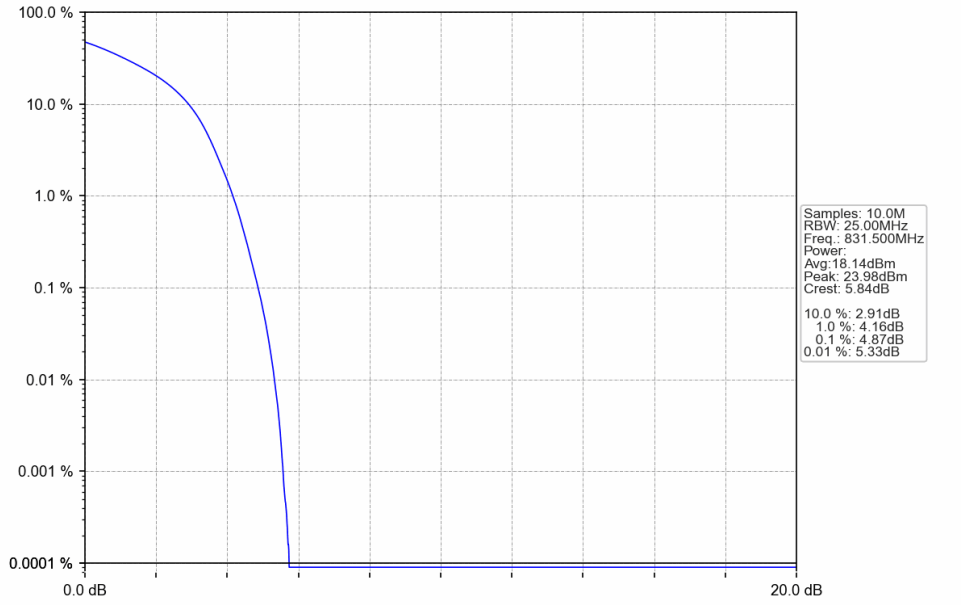
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	5.00	<=13	Pass
	831.5	75	0	4.87	<=13	Pass
	841.5	75	0	4.88	<=13	Pass
16QAM	821.5	75	0	6.14	<=13	Pass
	831.5	75	0	6.13	<=13	Pass
	841.5	75	0	6.08	<=13	Pass

5.1.2 Test Graph

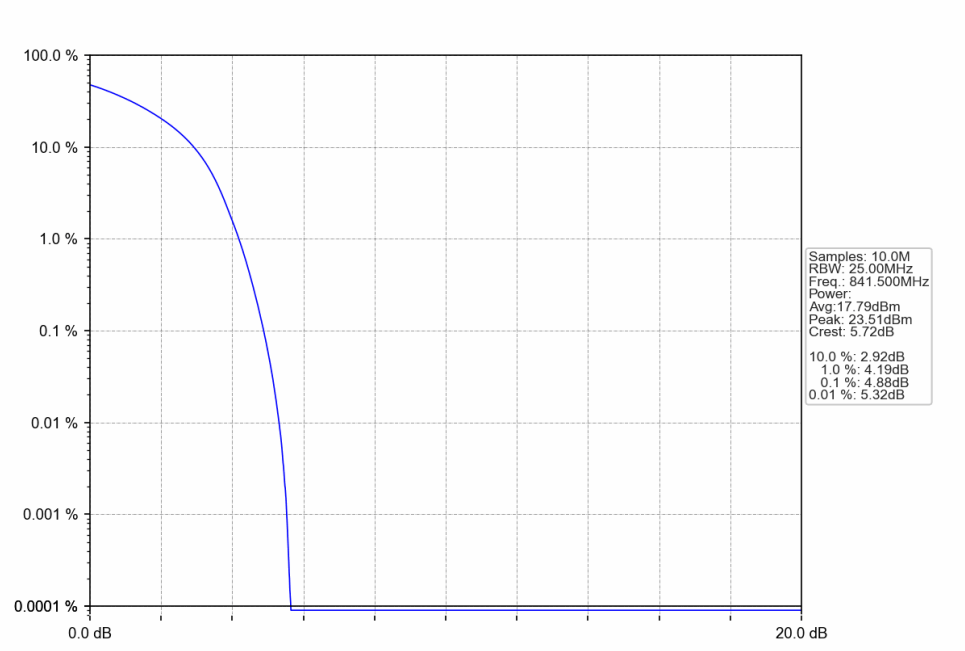
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



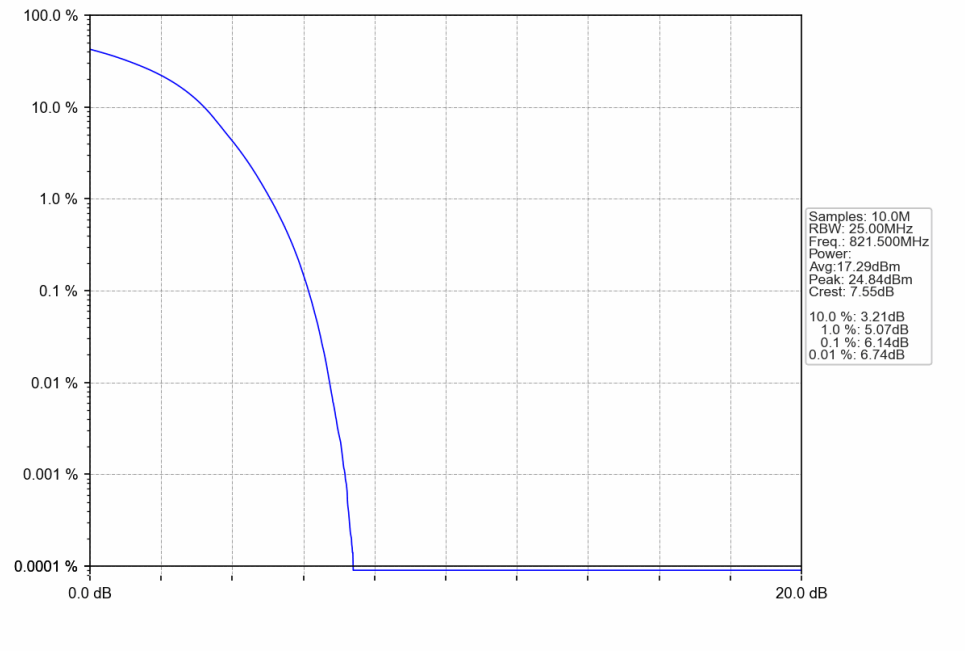
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



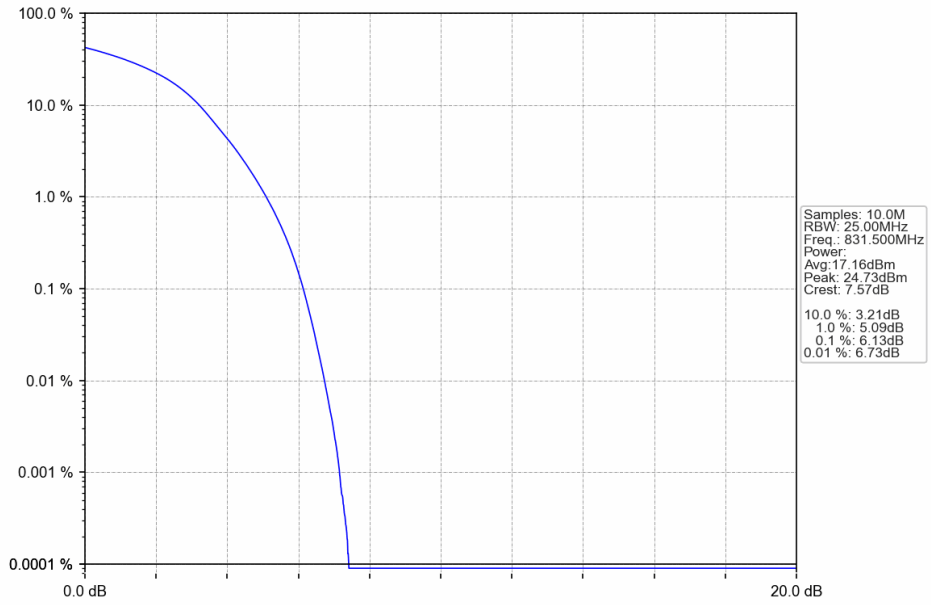
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



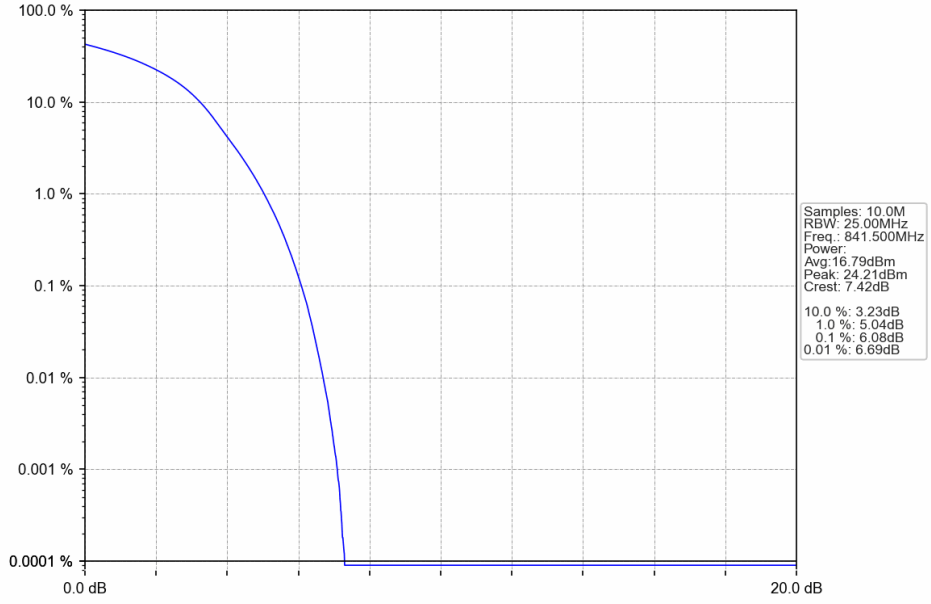
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



6. Spurious Emission

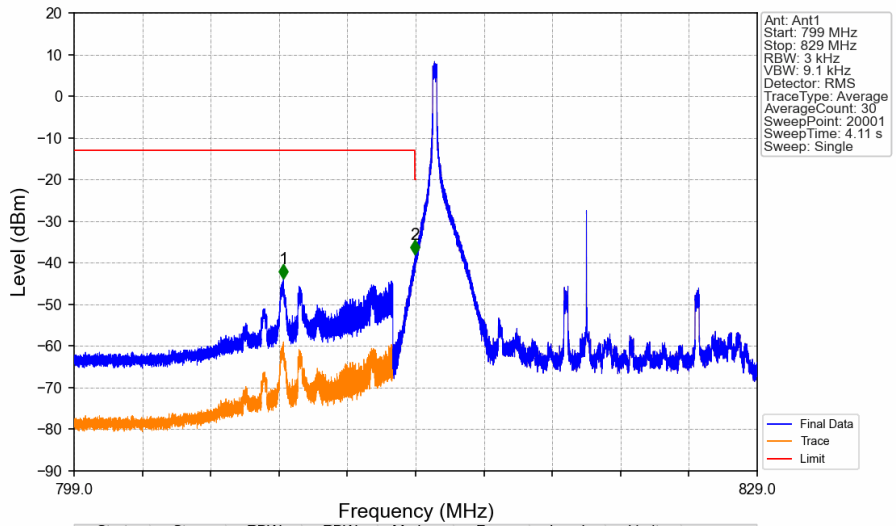
6.1 B26c_15MHz

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

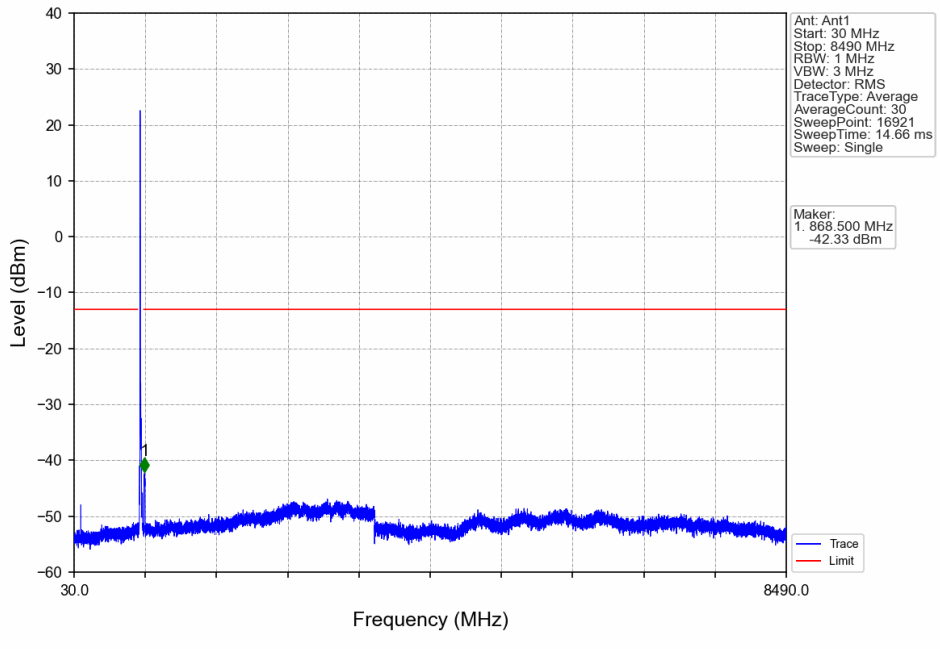
6.1.2 Test Graph

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

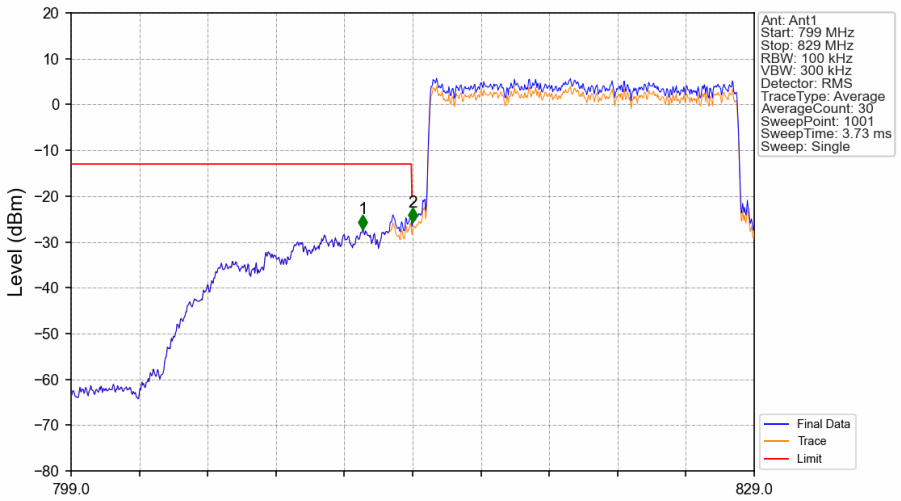


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	15.23	1	808.193	-43.77	-13	Pass
813	814	0.003	0	2	813.982	-38.05	-20	Pass
814	829	0.003	0	/	/	/	/	/

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

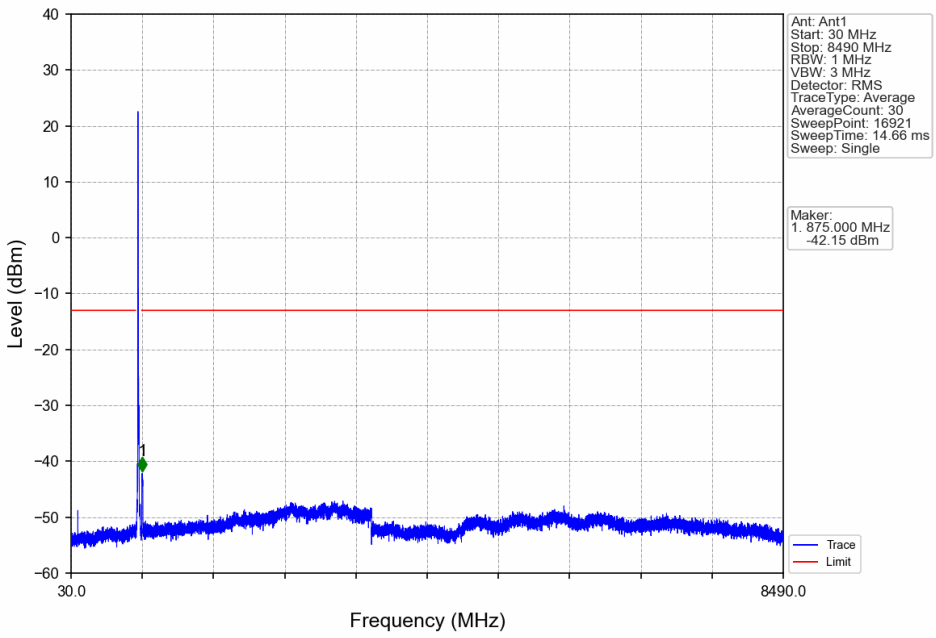


Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV

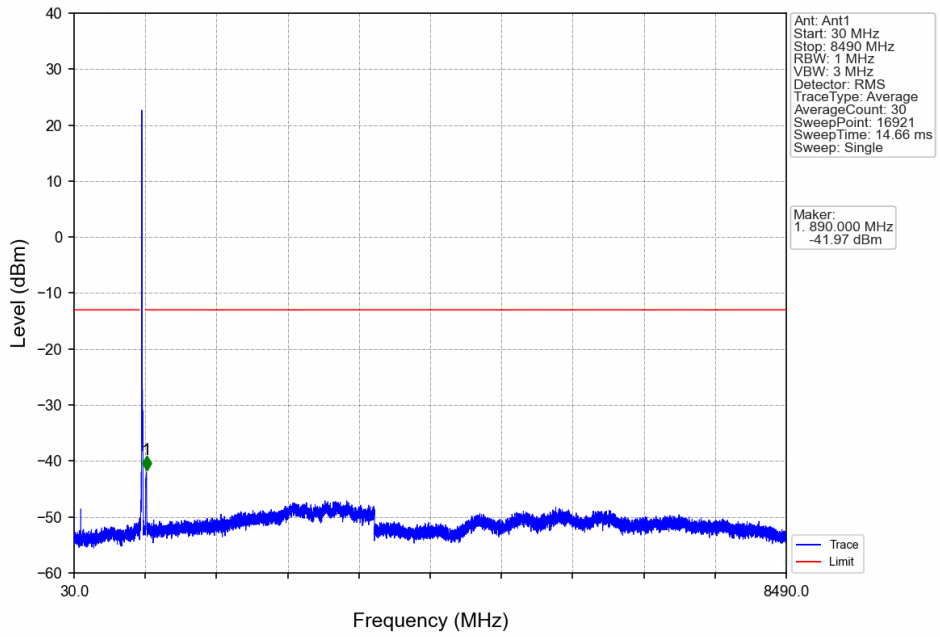


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	0	1	811.810	-27.20	-13	Pass
813	814	0.15	1.76	2	814.000	-25.69	-20	Pass
814	829	0.15	1.76	/	/	/	/	/

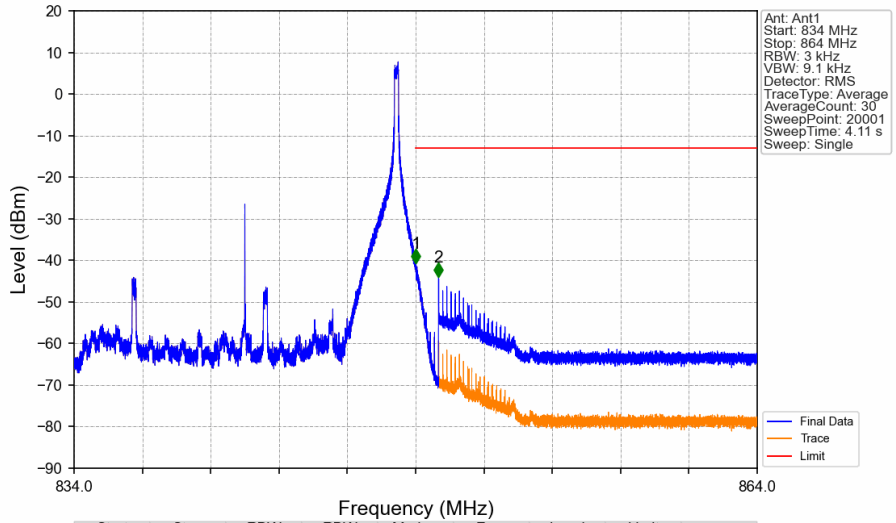
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV

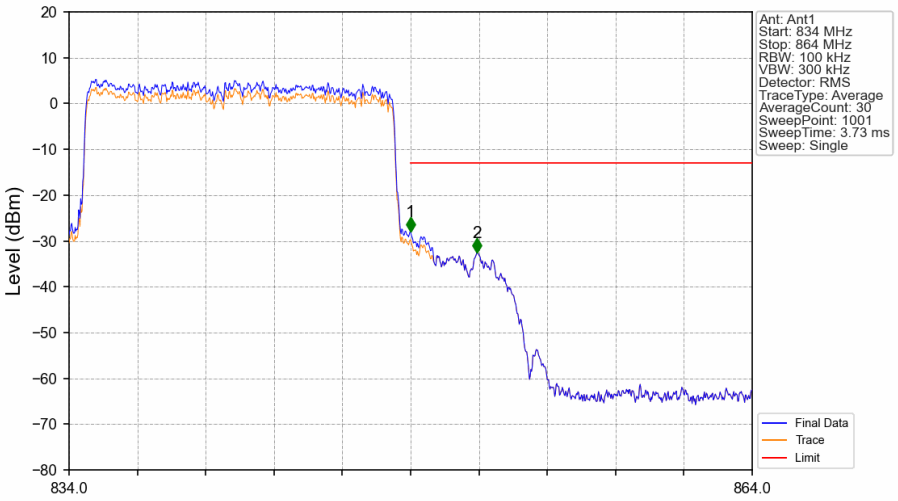


Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_74_NTNV



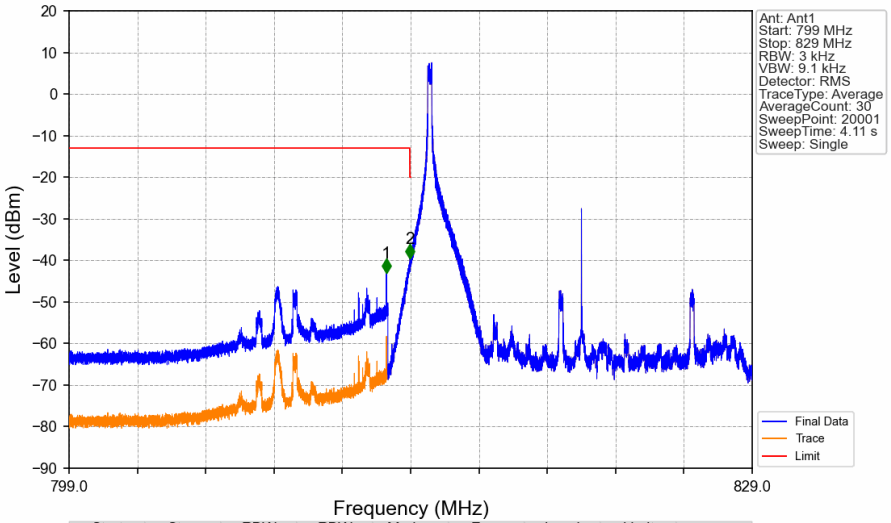
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	0	/	/	/	/	/
849	850	0.003	0	1	849.016	-40.74	-13	Pass
850	864	0.1	15.23	2	850.006	-44.07	-13	Pass

Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



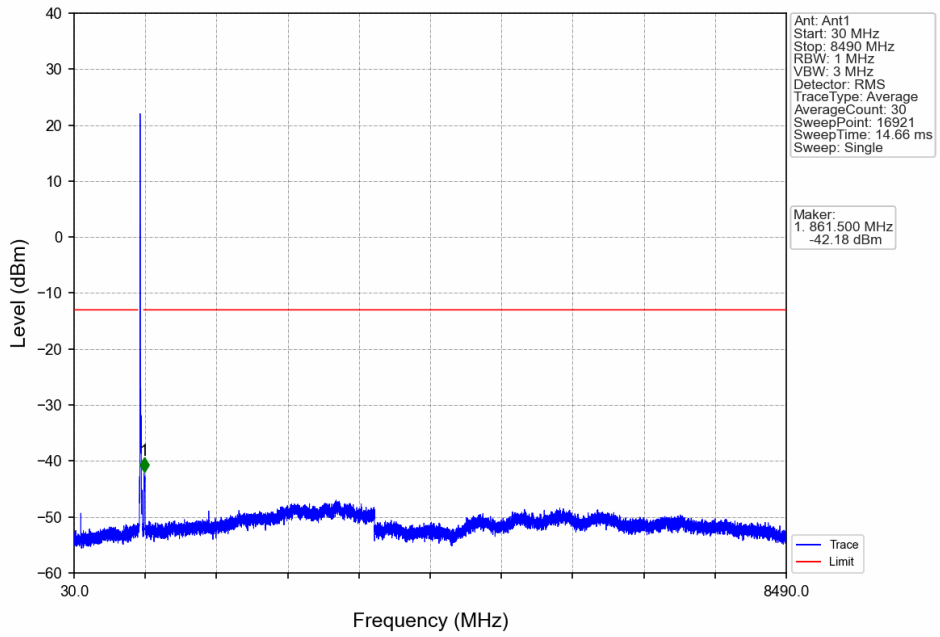
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.15	1.76	/	/	/	/	/
849	850	0.15	1.76	1	849.000	-28.03	-13	Pass
850	864	0.1	0	2	851.910	-32.56	-13	Pass

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

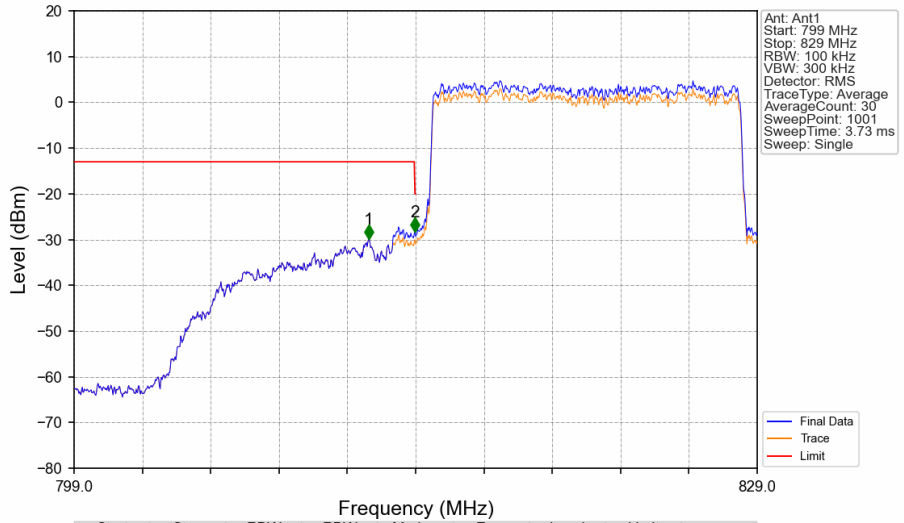


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	15.23	1	812.938	-43.03	-13	Pass
813	814	0.003	0	2	813.971	-39.53	-20	Pass
814	829	0.003	0	/	/	/	/	/

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

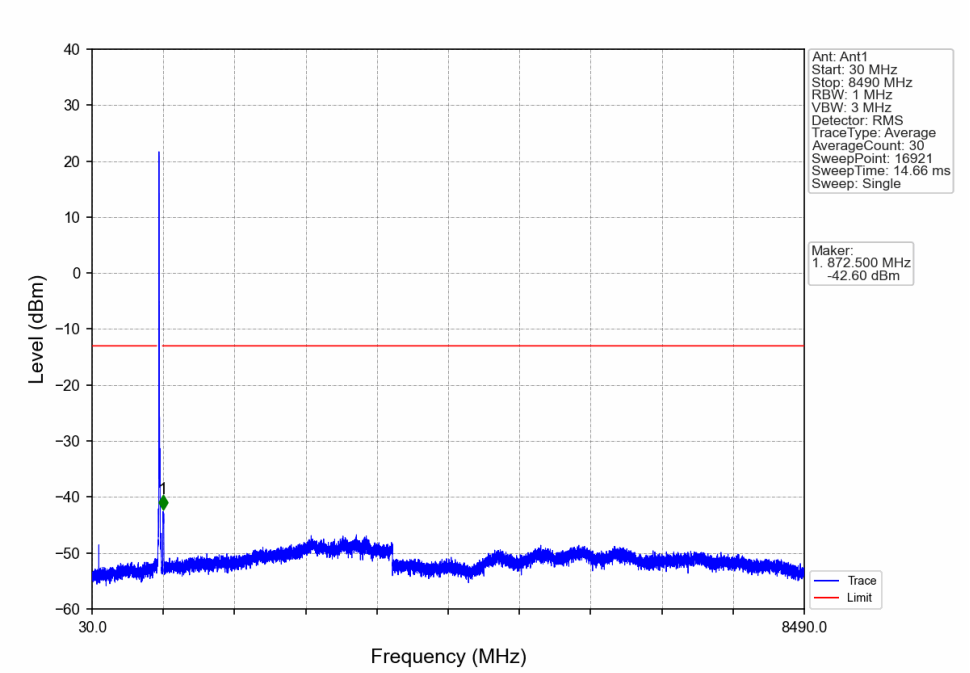


Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV

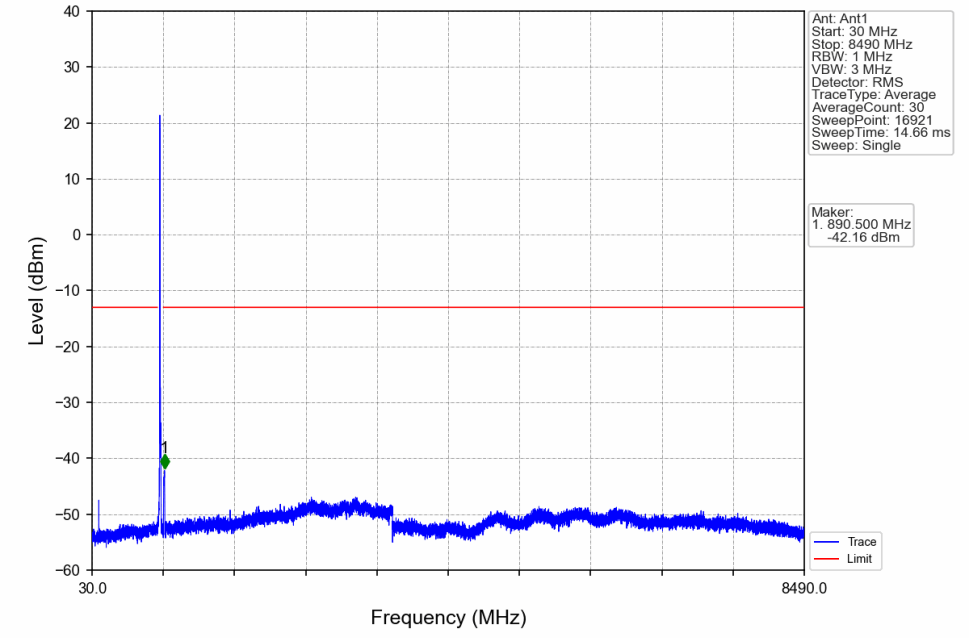


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	0	1	811.930	-29.90	-13	Pass
813	814	0.15	1.76	2	813.970	-28.29	-20	Pass
814	829	0.15	1.76	/	/	/	/	/

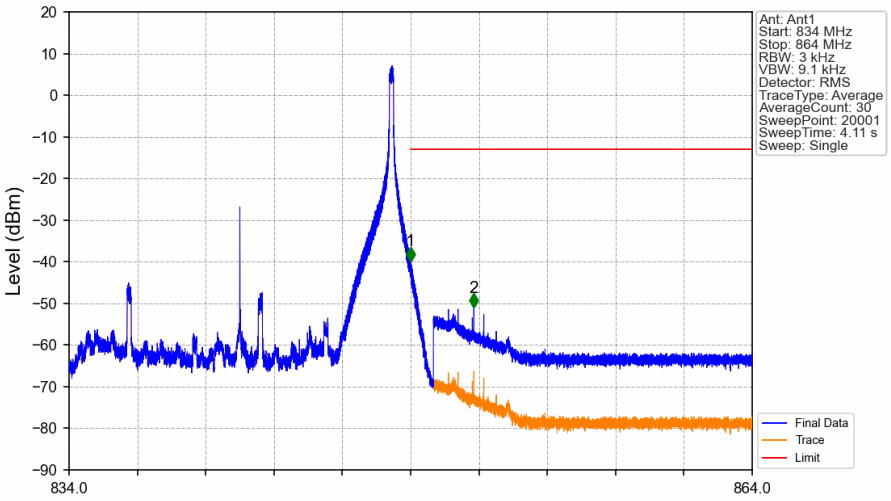
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_0_NTNV

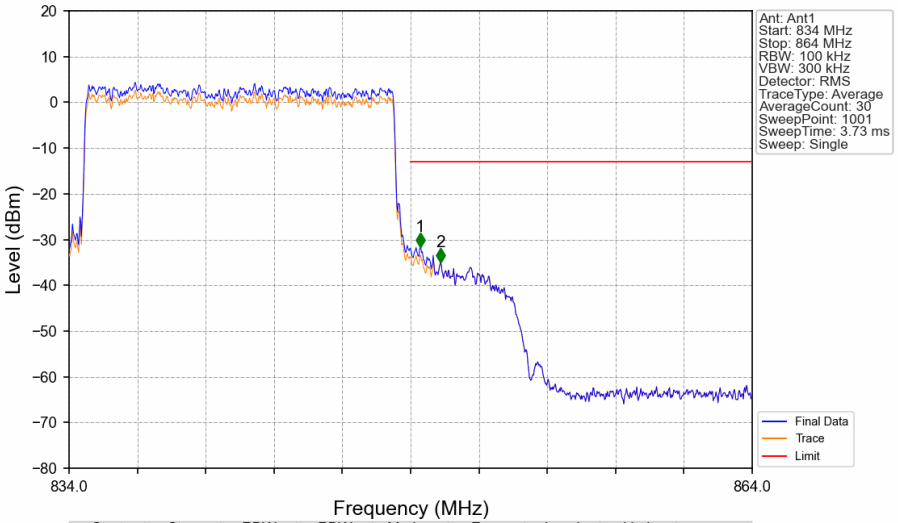


Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_74_NTNV



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	849.000	-39.84	-13	Pass
850	864	0.1	15.23	2	851.777	-51.06	-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	849.420	-31.59	-13	Pass
850	864	0.1	0	2	850.320	-34.96	-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	0.1795	0.0120	ppm	13M6G7D	/	22.54
26c	15	821.5	841.5	0.1476	0.0120	ppm	13M6W7D	/	21.69

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	0.0845	0.0120	ppm	13M6G7D	/	19.27
26c	15	821.5	841.5	0.0695	0.0120	ppm	13M6W7D	/	18.42