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	20.86	3.00	21.71	<=38.45	Pass
			38	21.02	3.00	21.87	<=38.45	Pass
			74	20.82	3.00	21.67	<=38.45	Pass
		36	0	20.09	3.00	20.94	<=38.45	Pass
			18	20.07	3.00	20.92	<=38.45	Pass
			39	20.00	3.00	20.85	<=38.45	Pass
		75	0	20.04	3.00	20.89	<=38.45	Pass
	831.5	1	0	20.88	3.00	21.73	<=38.45	Pass
			38	21.10	3.00	21.95	<=38.45	Pass
			74	20.91	3.00	21.76	<=38.45	Pass
		36	0	19.99	3.00	20.84	<=38.45	Pass
			18	20.15	3.00	21.00	<=38.45	Pass
			39	20.06	3.00	20.91	<=38.45	Pass
		75	0	20.00	3.00	20.85	<=38.45	Pass
	841.5	1	0	20.87	3.00	21.72	<=38.45	Pass
			38	21.11	3.00	21.96	<=38.45	Pass
			74	20.90	3.00	21.75	<=38.45	Pass
		36	0	20.05	3.00	20.90	<=38.45	Pass
			18	20.14	3.00	20.99	<=38.45	Pass
			39	20.04	3.00	20.89	<=38.45	Pass
		75	0	20.05	3.00	20.90	<=38.45	Pass
16QAM	821.5	1	0	20.56	3.00	21.41	<=38.45	Pass
			38	20.72	3.00	21.57	<=38.45	Pass
			74	20.48	3.00	21.33	<=38.45	Pass
		36	0	19.08	3.00	19.93	<=38.45	Pass
			18	19.11	3.00	19.96	<=38.45	Pass
			39	19.02	3.00	19.87	<=38.45	Pass
		75	0	19.07	3.00	19.92	<=38.45	Pass
	831.5	1	0	20.11	3.00	20.96	<=38.45	Pass
			38	20.31	3.00	21.16	<=38.45	Pass
			74	20.18	3.00	21.03	<=38.45	Pass
		36	0	19.01	3.00	19.86	<=38.45	Pass
			18	19.15	3.00	20.00	<=38.45	Pass
			39	19.02	3.00	19.87	<=38.45	Pass
		75	0	18.99	3.00	19.84	<=38.45	Pass
	841.5	1	0	20.36	3.00	21.21	<=38.45	Pass
			38	20.54	3.00	21.39	<=38.45	Pass
			74	20.34	3.00	21.19	<=38.45	Pass
		36	0	19.02	3.00	19.87	<=38.45	Pass
			18	19.11	3.00	19.96	<=38.45	Pass
			39	18.95	3.00	19.80	<=38.45	Pass
		75	0	19.02	3.00	19.87	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

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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	-6.738	-0.0082	-2.5 to 2.5	Pass
					3.70	-6.595	-0.0080	-2.5 to 2.5	Pass
					4.00	-4.520	-0.0055	-2.5 to 2.5	Pass
				-30	3.70	-7.153	-0.0087	-2.5 to 2.5	Pass
				-20	3.70	-5.908	-0.0072	-2.5 to 2.5	Pass
				-10	3.70	-10.772	-0.0131	-2.5 to 2.5	Pass
				0	3.70	-4.807	-0.0059	-2.5 to 2.5	Pass
				10	3.70	-3.862	-0.0047	-2.5 to 2.5	Pass
				30	3.70	-4.735	-0.0058	-2.5 to 2.5	Pass
				40	3.70	-5.264	-0.0064	-2.5 to 2.5	Pass
				50	3.70	-5.765	-0.0070	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-10.142	-0.0122	-2.5 to 2.5	Pass
					3.70	-6.967	-0.0084	-2.5 to 2.5	Pass
					4.00	-9.027	-0.0109	-2.5 to 2.5	Pass
				-30	3.70	-6.137	-0.0074	-2.5 to 2.5	Pass
				-20	3.70	-6.309	-0.0076	-2.5 to 2.5	Pass
				-10	3.70	-7.939	-0.0095	-2.5 to 2.5	Pass
				0	3.70	-9.427	-0.0113	-2.5 to 2.5	Pass
				10	3.70	-6.852	-0.0082	-2.5 to 2.5	Pass
				30	3.70	-7.768	-0.0093	-2.5 to 2.5	Pass
				40	3.70	-7.138	-0.0086	-2.5 to 2.5	Pass
				50	3.70	-6.137	-0.0074	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-7.539	-0.0090	-2.5 to 2.5	Pass
					3.70	-7.854	-0.0093	-2.5 to 2.5	Pass
					4.00	-5.436	-0.0065	-2.5 to 2.5	Pass
				-30	3.70	-5.765	-0.0069	-2.5 to 2.5	Pass
				-20	3.70	-2.360	-0.0028	-2.5 to 2.5	Pass
				-10	3.70	-5.021	-0.0060	-2.5 to 2.5	Pass
				0	3.70	-7.381	-0.0088	-2.5 to 2.5	Pass
				10	3.70	-10.014	-0.0119	-2.5 to 2.5	Pass
				30	3.70	-8.140	-0.0097	-2.5 to 2.5	Pass
				40	3.70	-8.712	-0.0104	-2.5 to 2.5	Pass
				50	3.70	-8.082	-0.0096	-2.5 to 2.5	Pass
16QAM	821.5	75	0	20	3.27	-7.353	-0.0090	-2.5 to 2.5	Pass
					3.70	-5.751	-0.0070	-2.5 to 2.5	Pass
					4.00	-6.909	-0.0084	-2.5 to 2.5	Pass
				-30	3.70	-8.326	-0.0101	-2.5 to 2.5	Pass
				-20	3.70	-6.123	-0.0075	-2.5 to 2.5	Pass
				-10	3.70	-4.392	-0.0053	-2.5 to 2.5	Pass
				0	3.70	-3.934	-0.0048	-2.5 to 2.5	Pass
				10	3.70	-4.792	-0.0058	-2.5 to 2.5	Pass
				30	3.70	-5.350	-0.0065	-2.5 to 2.5	Pass
				40	3.70	-3.090	-0.0038	-2.5 to 2.5	Pass
				50	3.70	-8.841	-0.0108	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-7.524	-0.0090	-2.5 to 2.5	Pass
					3.70	-6.895	-0.0083	-2.5 to 2.5	Pass
					4.00	-6.166	-0.0074	-2.5 to 2.5	Pass
				-30	3.70	-5.221	-0.0063	-2.5 to 2.5	Pass

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				-20	3.70	-6.495	-0.0078	-2.5 to 2.5	Pass
				-10	3.70	-8.082	-0.0097	-2.5 to 2.5	Pass
				0	3.70	-3.905	-0.0047	-2.5 to 2.5	Pass
				10	3.70	-3.777	-0.0045	-2.5 to 2.5	Pass
				30	3.70	-8.612	-0.0104	-2.5 to 2.5	Pass
				40	3.70	-6.623	-0.0080	-2.5 to 2.5	Pass
				50	3.70	-4.721	-0.0057	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-7.038	-0.0084	-2.5 to 2.5	Pass
					3.70	-4.978	-0.0059	-2.5 to 2.5	Pass
					4.00	-6.337	-0.0075	-2.5 to 2.5	Pass
				-30	3.70	-5.965	-0.0071	-2.5 to 2.5	Pass
				-20	3.70	-3.548	-0.0042	-2.5 to 2.5	Pass
				-10	3.70	-8.783	-0.0104	-2.5 to 2.5	Pass
				0	3.70	-6.609	-0.0079	-2.5 to 2.5	Pass
				10	3.70	-7.153	-0.0085	-2.5 to 2.5	Pass
				30	3.70	-6.480	-0.0077	-2.5 to 2.5	Pass
				40	3.70	-5.679	-0.0067	-2.5 to 2.5	Pass
				50	3.70	-3.247	-0.0039	-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

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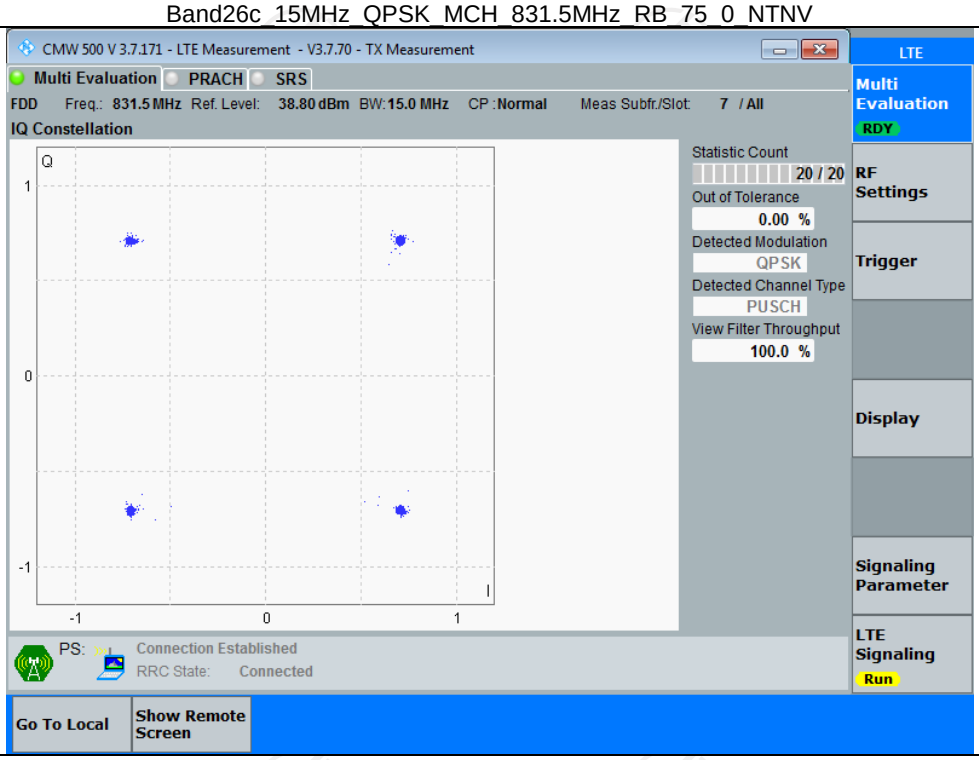
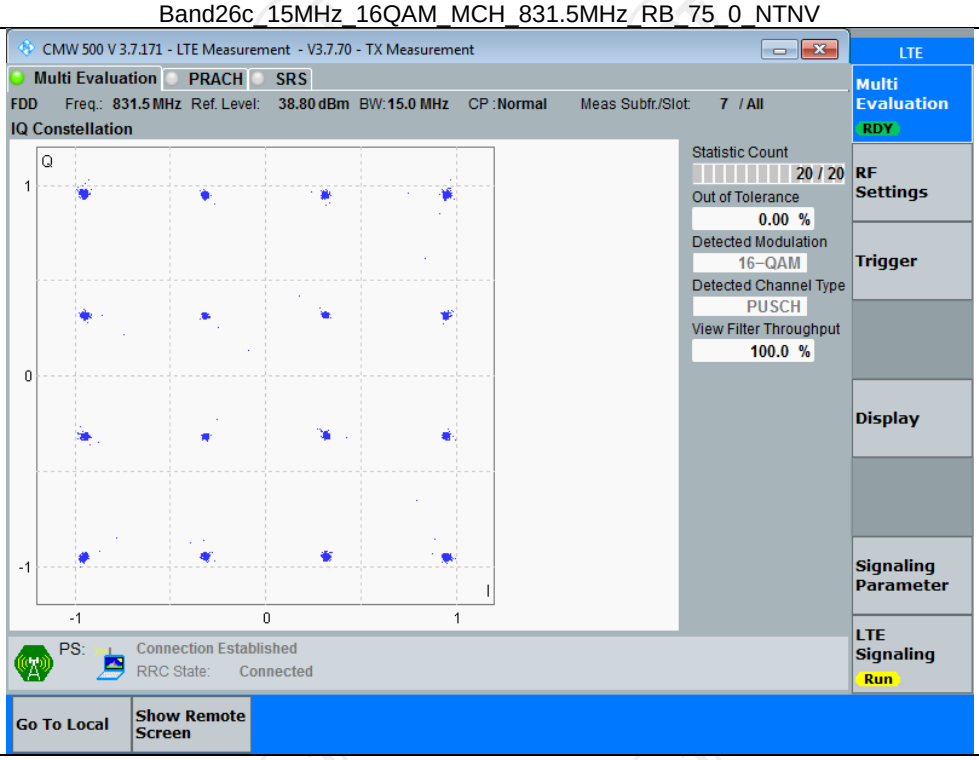
3.1.2 Test Graph

Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



4. 99% & 26dB Bandwidth

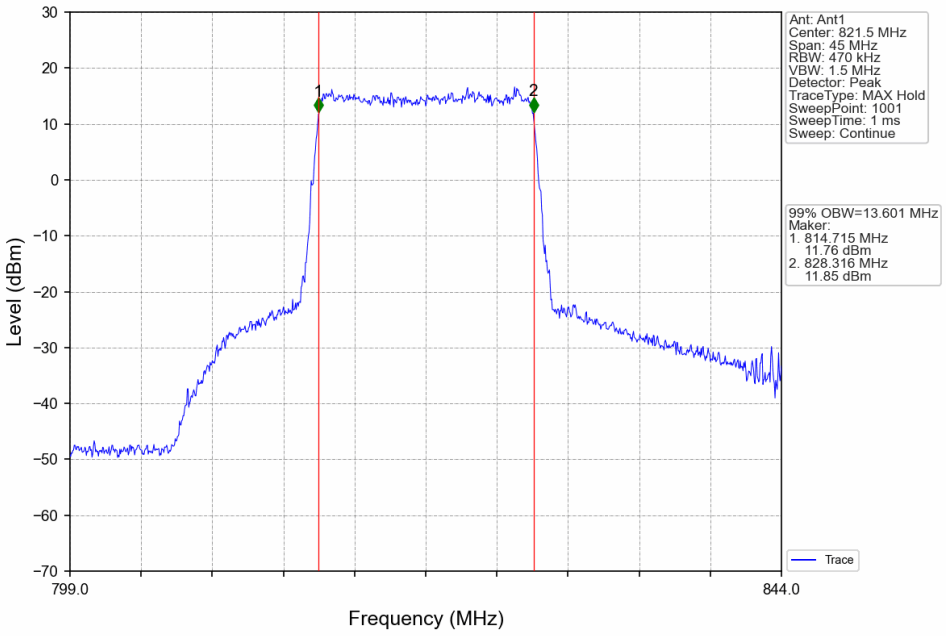
4.1 Band26c_OBW

4.1.1 Test Result

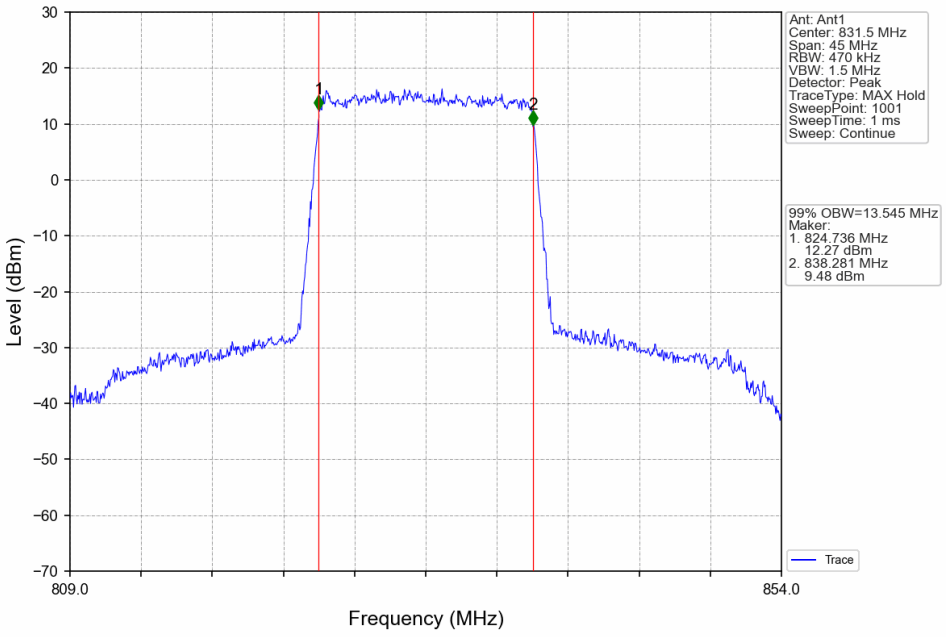
Band: 26c / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	13.601	Pass
		831.5	75	0	13.545	Pass
		841.5	75	0	13.551	Pass
	16QAM	821.5	75	0	13.573	Pass
		831.5	75	0	13.544	Pass
		841.5	75	0	13.565	Pass

4.1.2 Test Graph

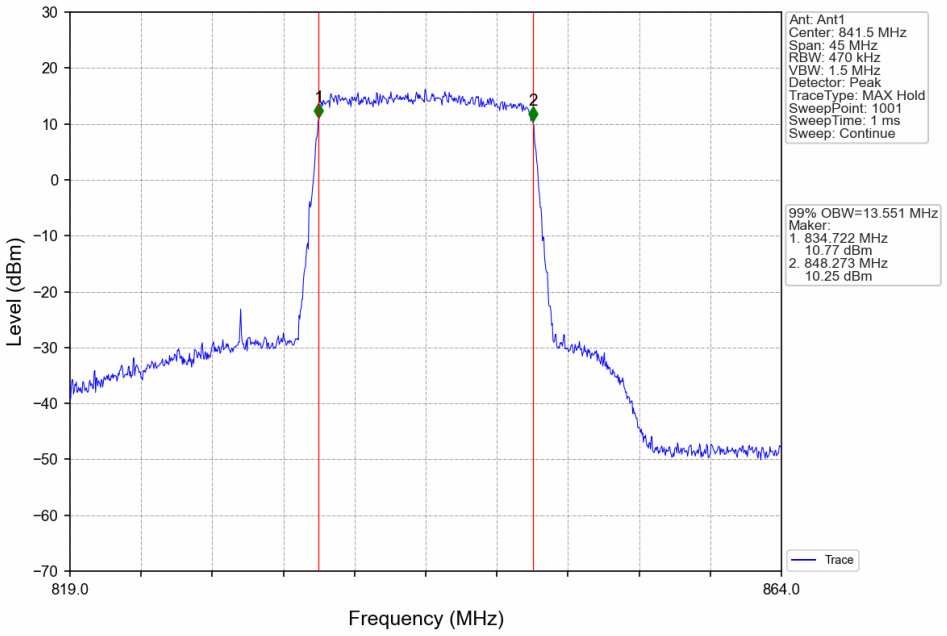
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



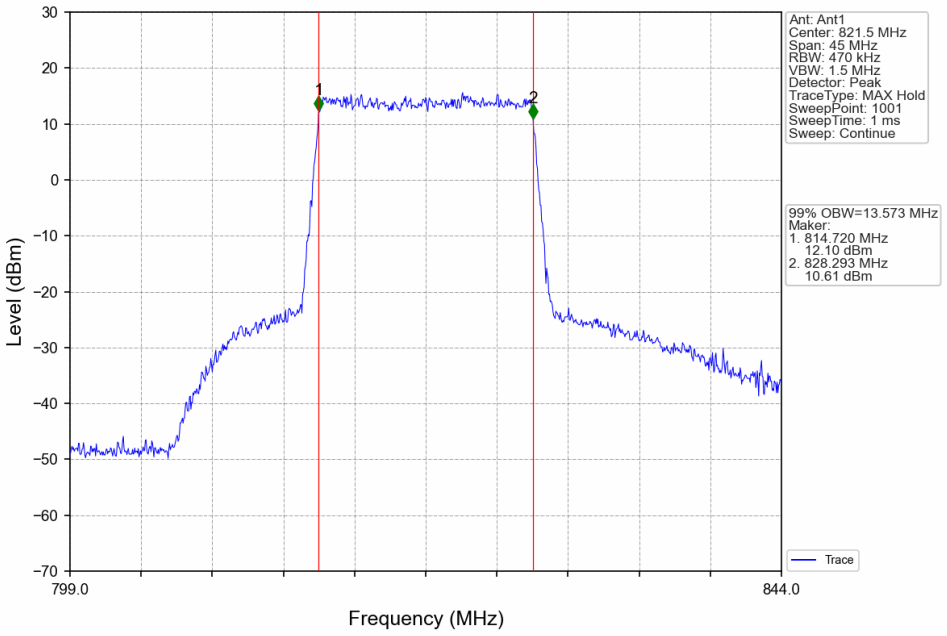
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



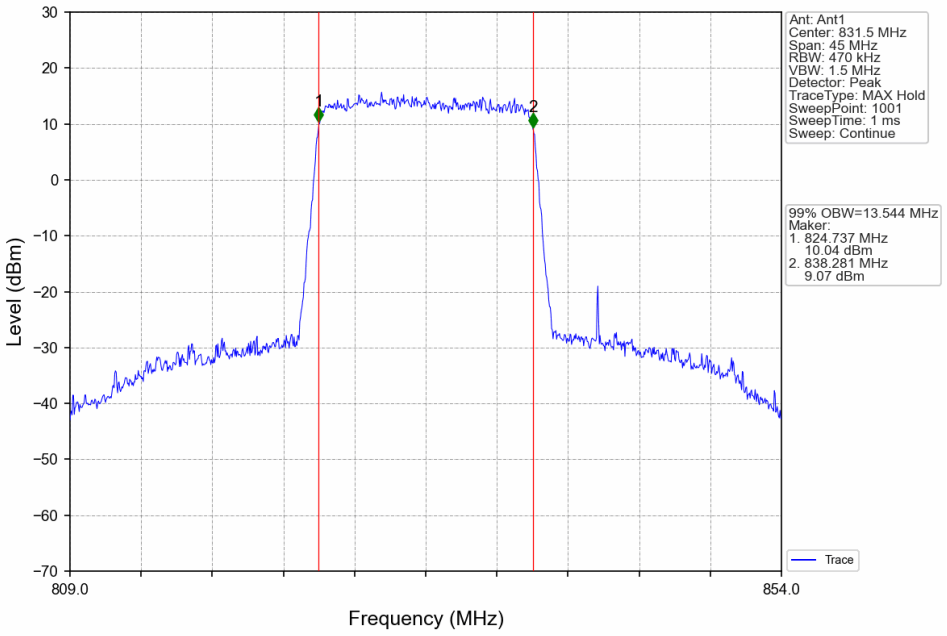
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



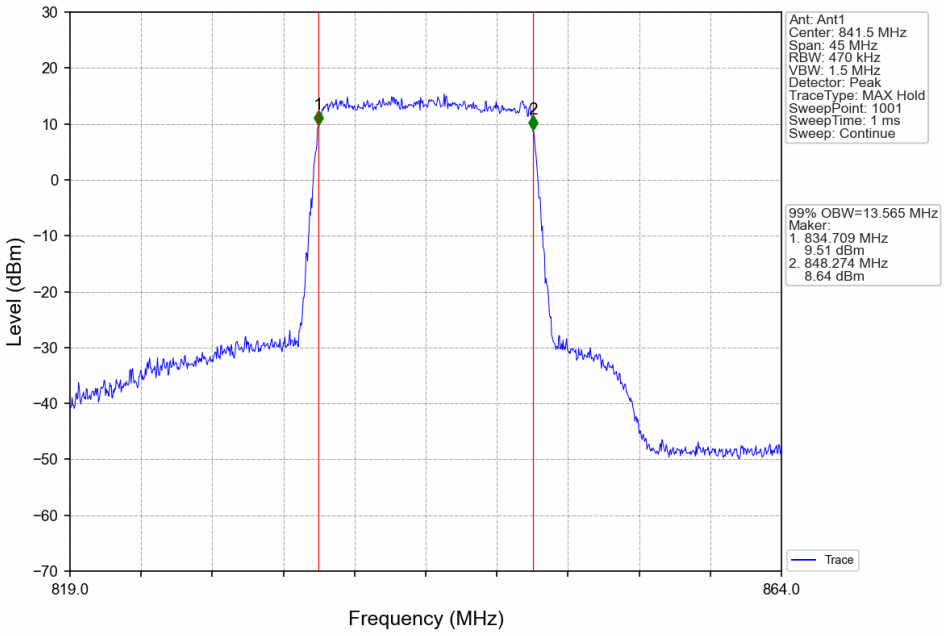
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



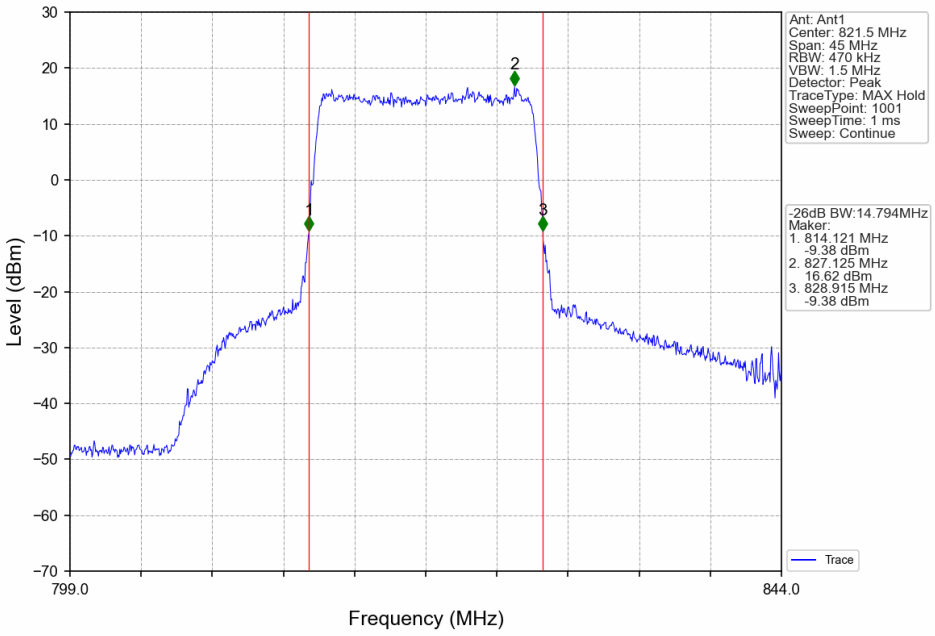
4.2 Band26c_XDB

4.2.1 Test Result

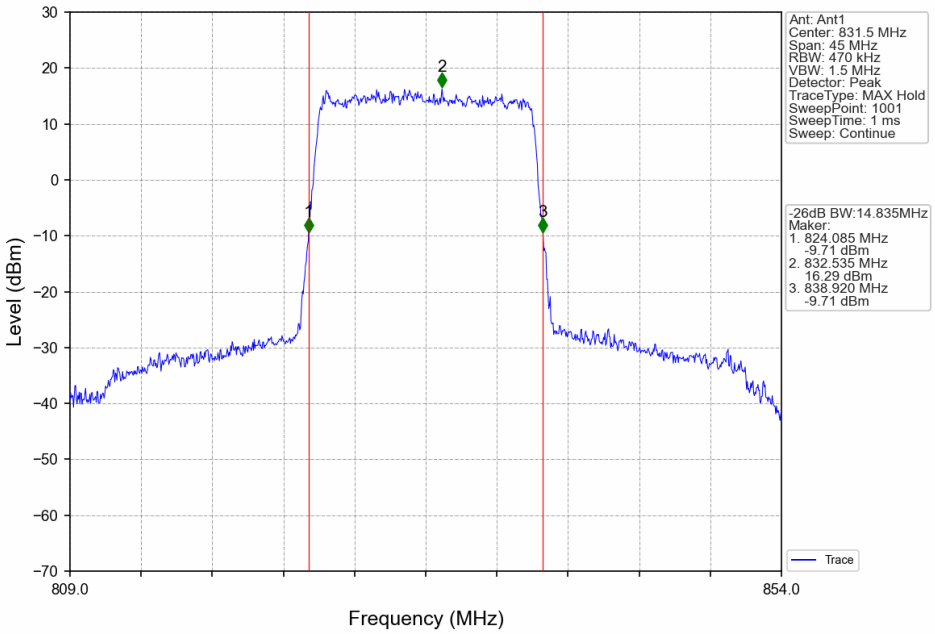
Band: 26c / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	14.794	Pass
		831.5	75	0	14.835	Pass
		841.5	75	0	14.789	Pass
	16QAM	821.5	75	0	14.910	Pass
		831.5	75	0	14.838	Pass
		841.5	75	0	14.830	Pass

4.2.2 Test Graph

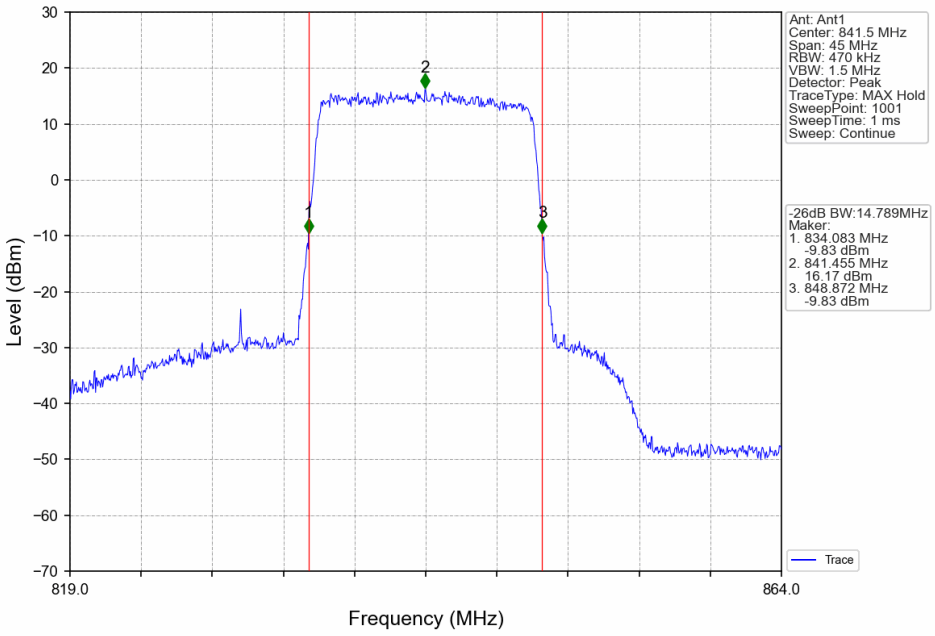
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



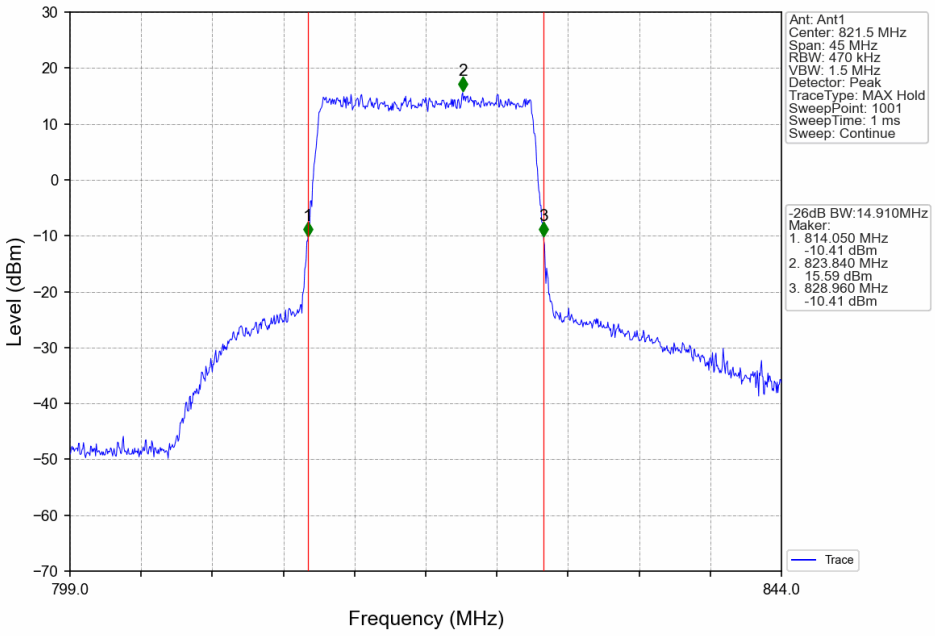
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



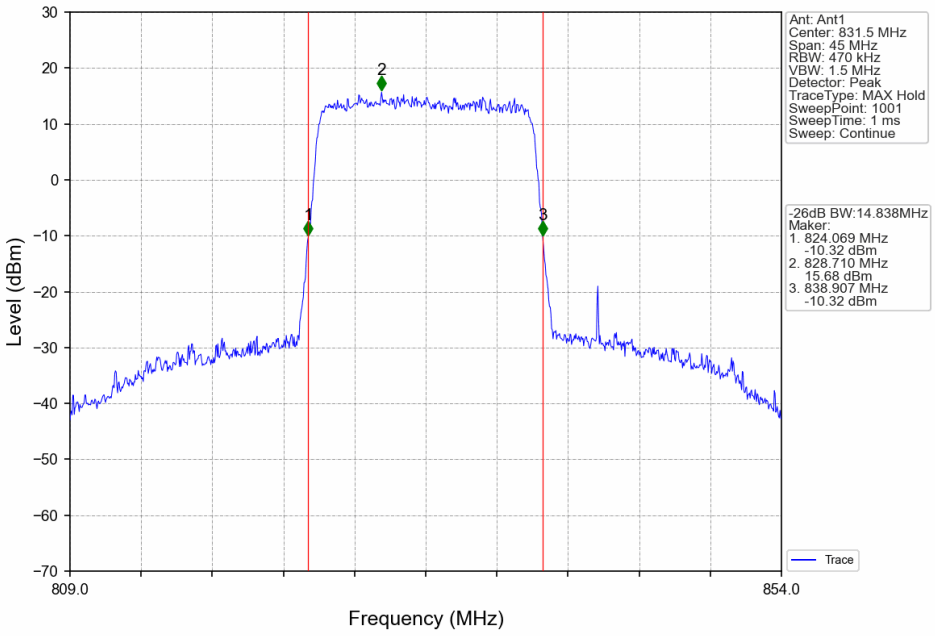
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



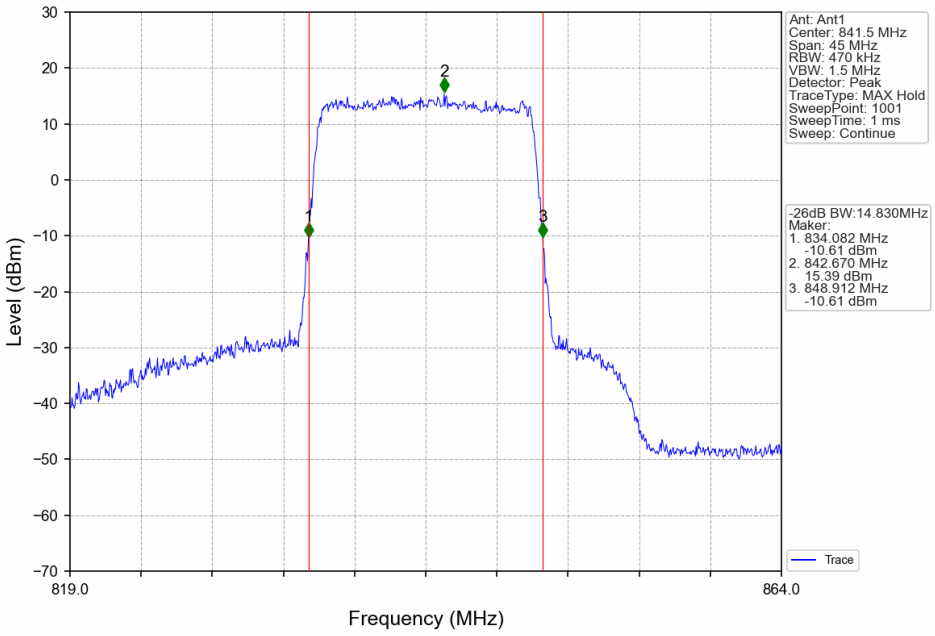
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



5. Peak-Average Ratio

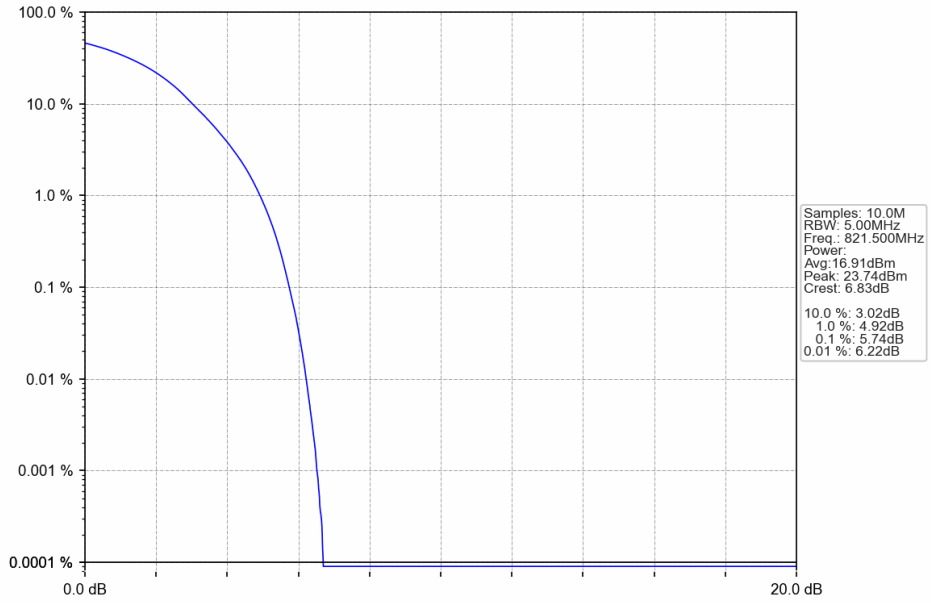
5.1 B26c_15MHz

5.1.1 Test Result

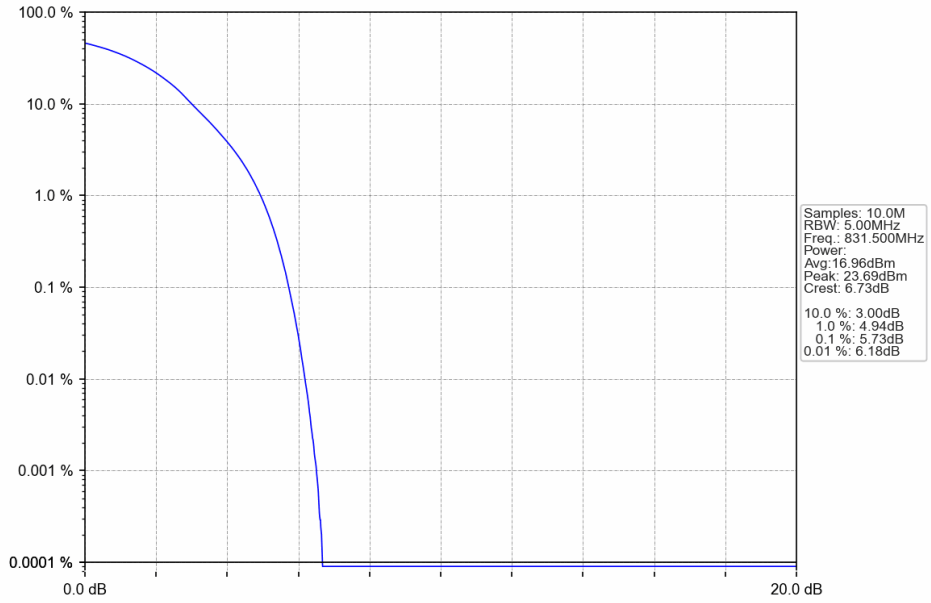
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	5.74	<=13	Pass
	831.5	75	0	5.73	<=13	Pass
	841.5	75	0	5.72	<=13	Pass
16QAM	821.5	75	0	6.78	<=13	Pass
	831.5	75	0	6.78	<=13	Pass
	841.5	75	0	6.83	<=13	Pass

5.1.2 Test Graph

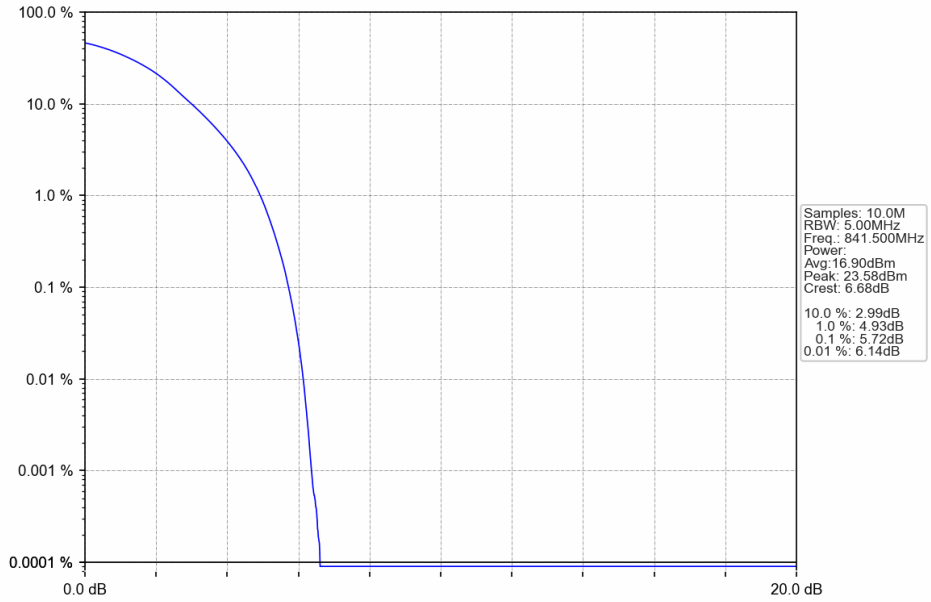
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



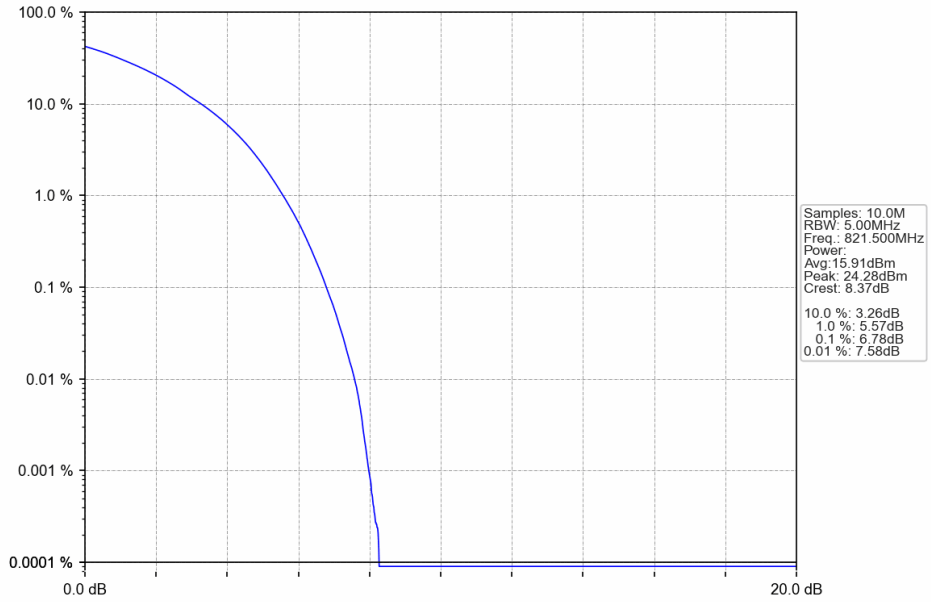
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



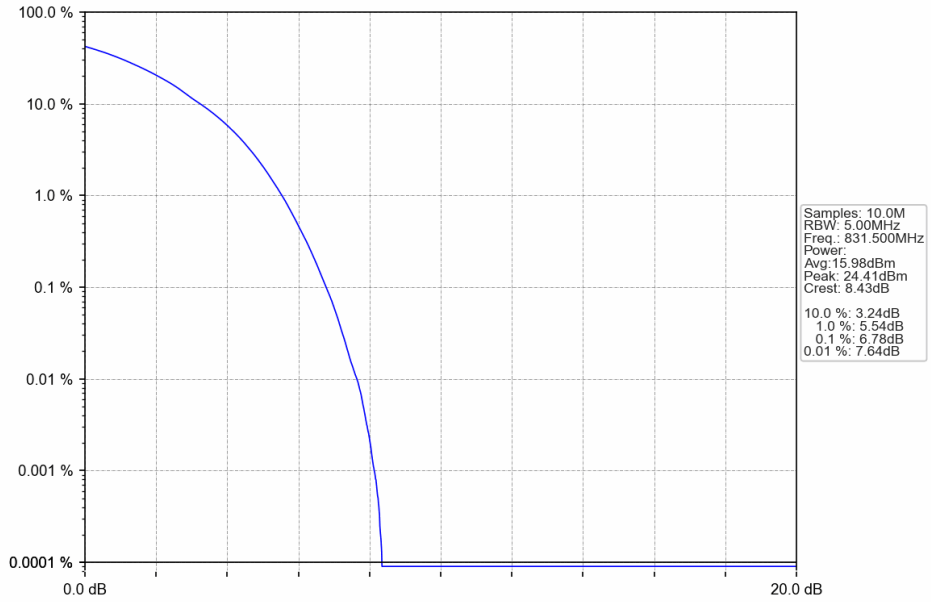
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



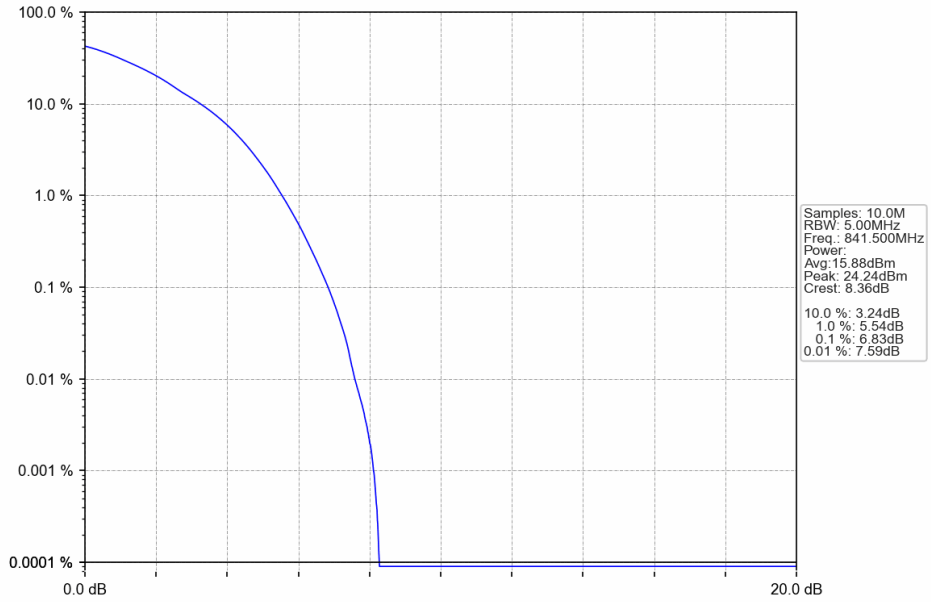
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



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

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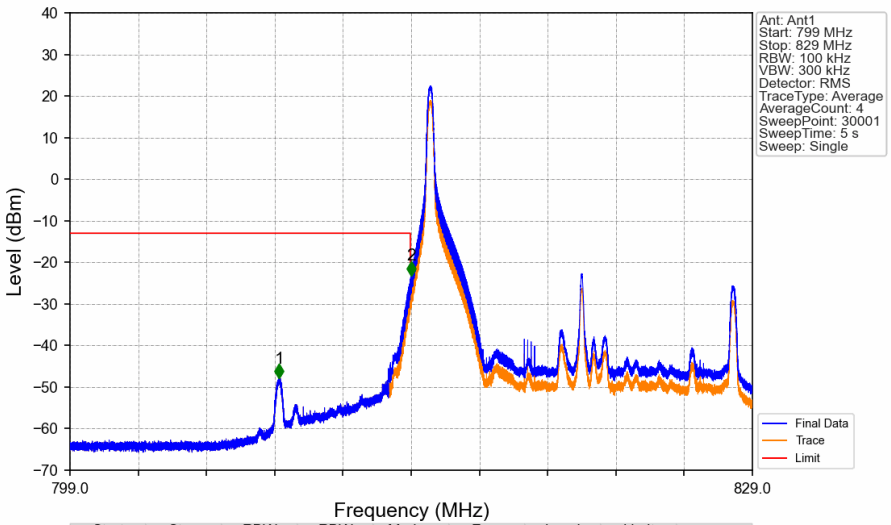
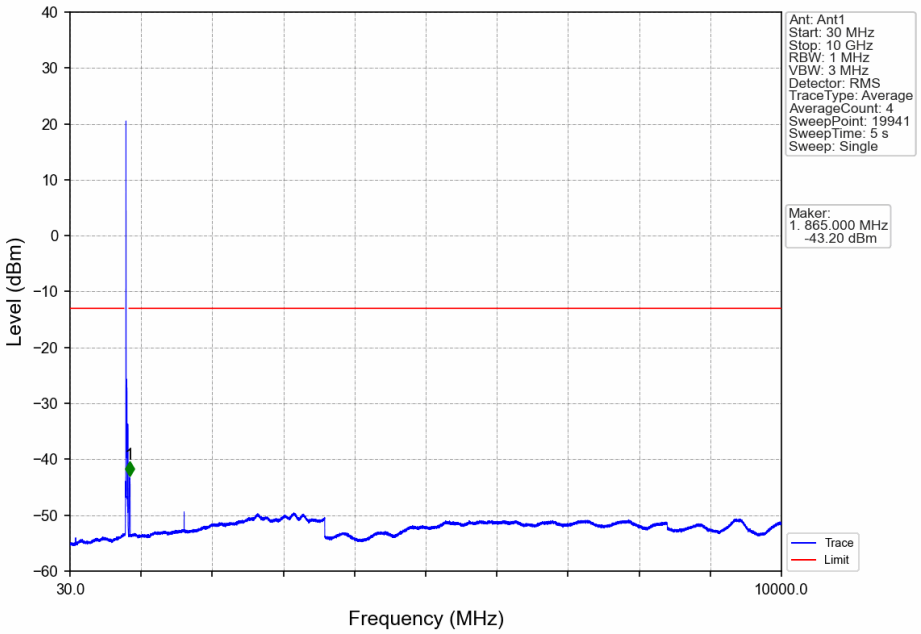
6.1.2 Test Graph

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	0	1	808.188	-47.82	-13	Pass
813	814	0.225	3.52	2	813.999	-23.15	-20	Pass
814	829	0.225	3.52	/	/	/	/	/

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV



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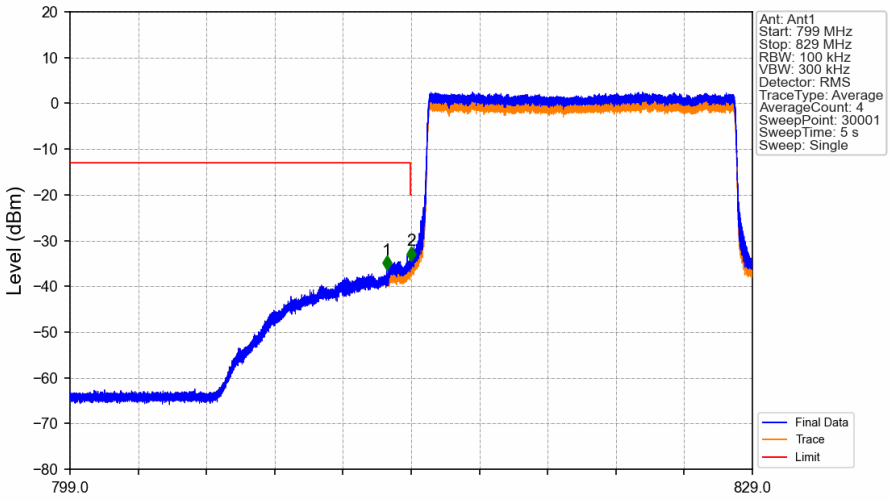
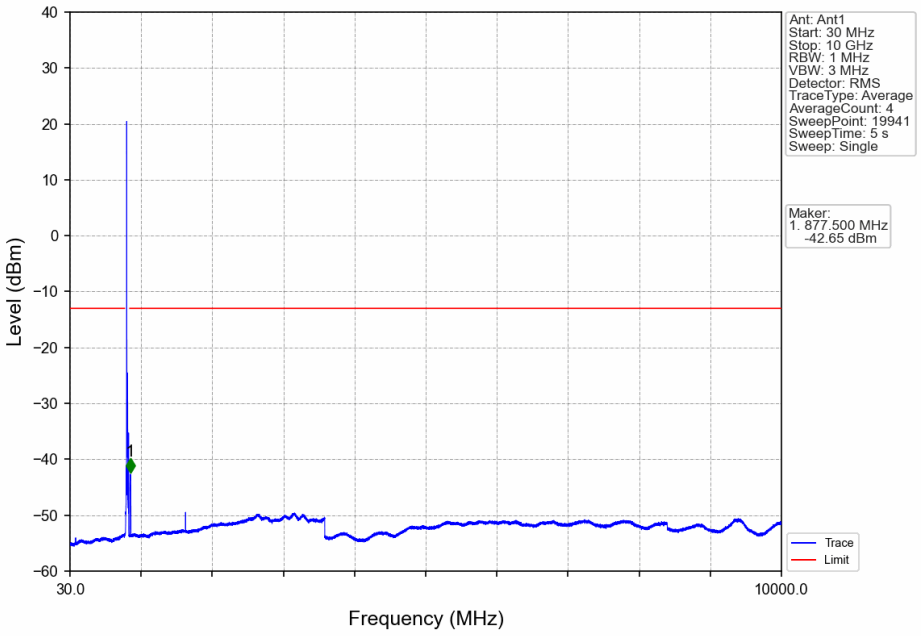
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV

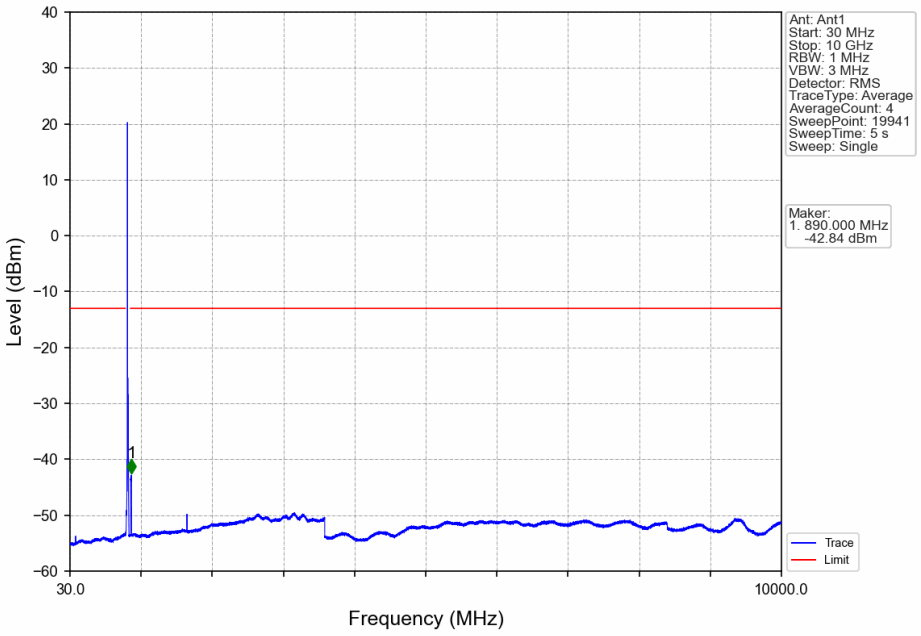


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	0	1	812.926	-36.46	-13	Pass
813	814	0.149	1.73	2	813.998	-34.40	-20	Pass
814	829	0.149	1.73	/	/	/	/	/

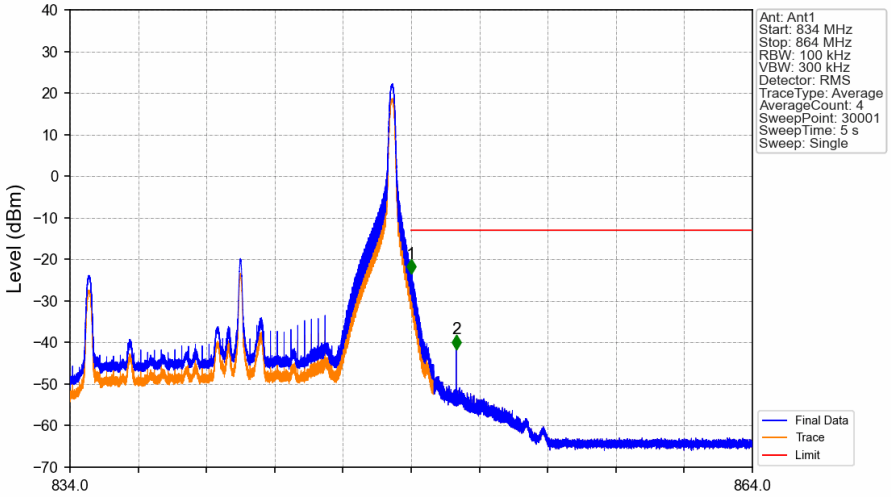
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV

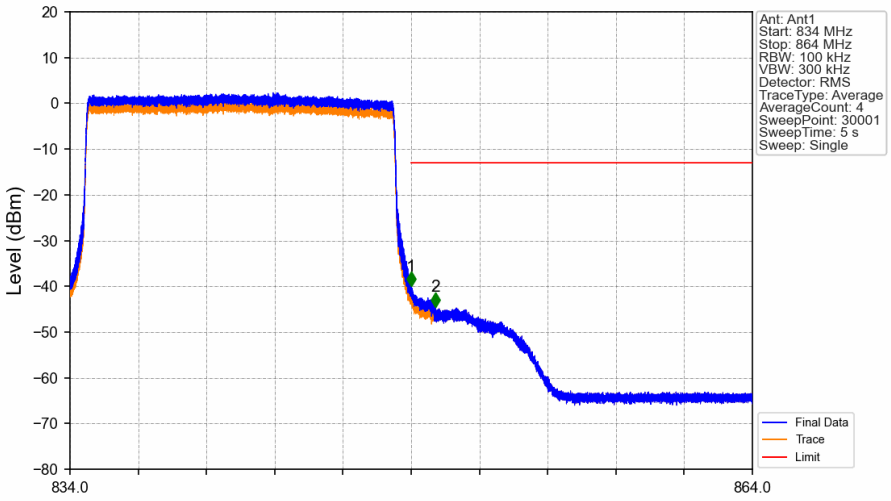


Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_74_NTNV



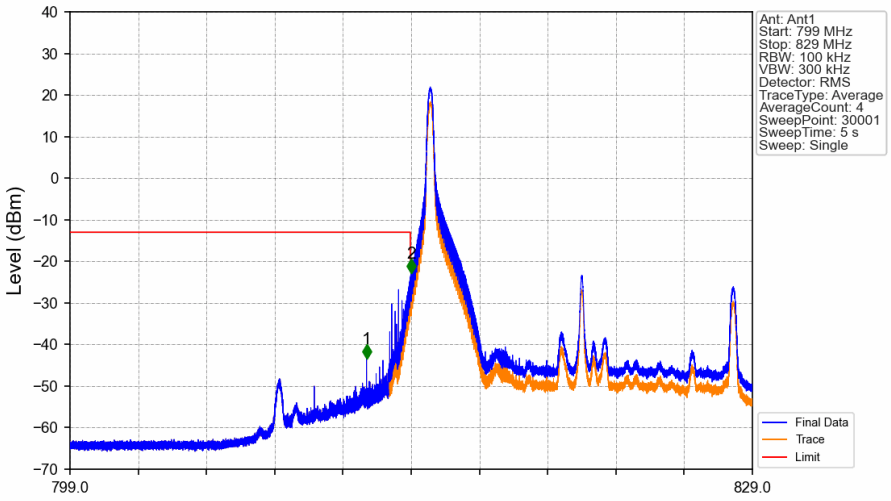
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.225	3.52	/	/	/	/	/
849	850	0.225	3.52	1	849.001	-23.43	-13	Pass
850	864	0.1	0	2	850.981	-41.61	-13	Pass

Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



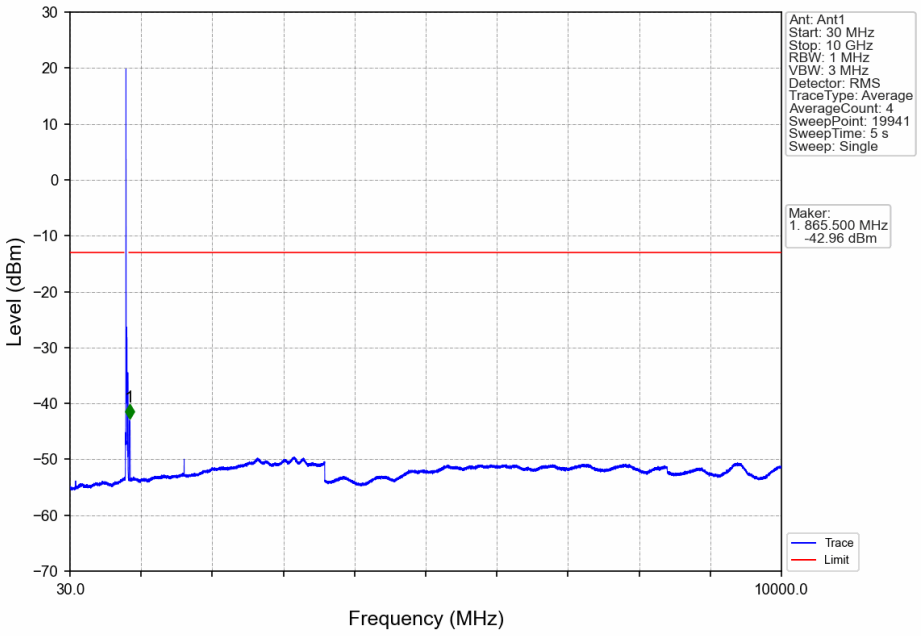
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.148	1.7	/	/	/	/	/
849	850	0.148	1.7	1	849.002	-40.02	-13	Pass
850	864	0.1	0	2	850.065	-44.46	-13	Pass

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

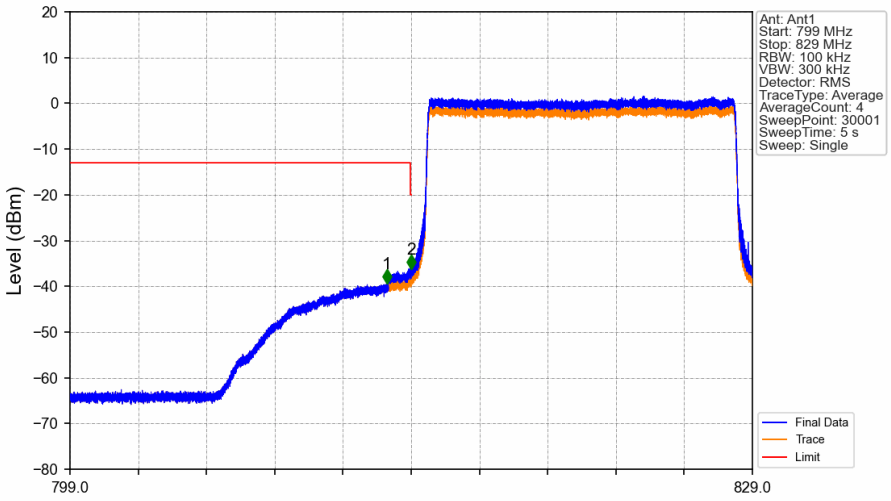


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	0	1	812.035	-43.46	-13	Pass
813	814	0.225	3.52	2	813.997	-22.90	-20	Pass
814	829	0.225	3.52	/	/	/	/	/

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

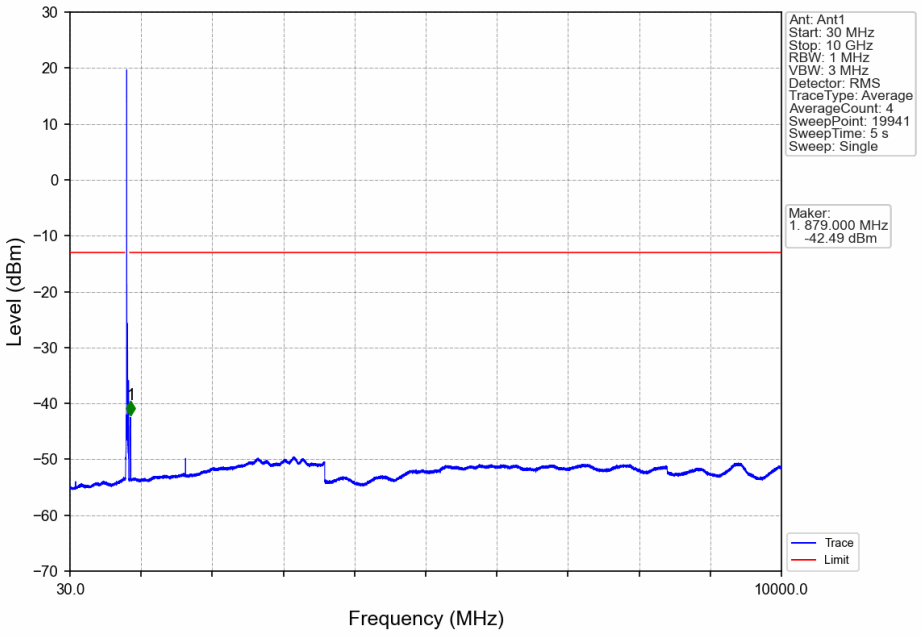


Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV

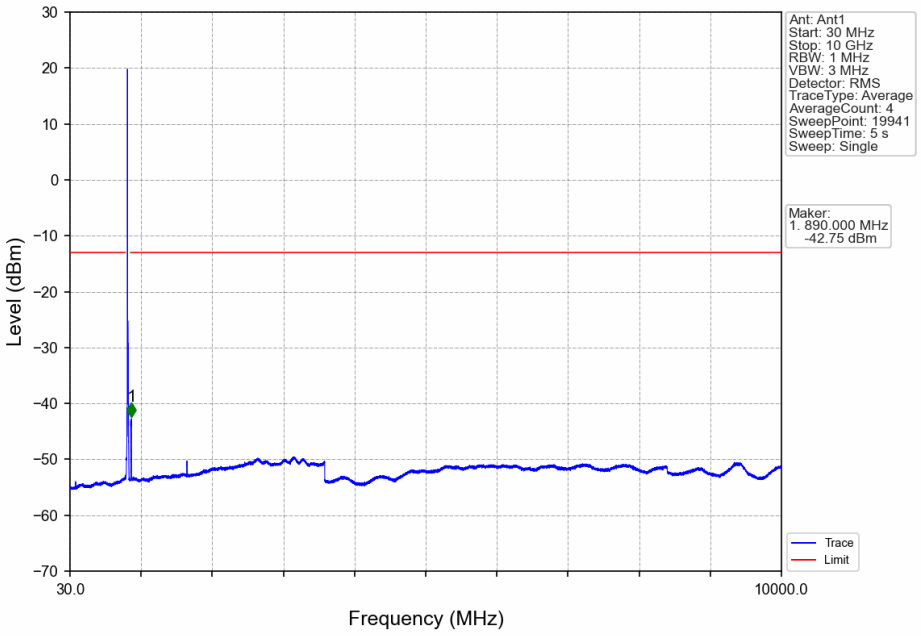


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	0	1	812.929	-39.50	-13	Pass
813	814	0.149	1.73	2	813.998	-36.22	-20	Pass
814	829	0.149	1.73	/	/	/	/	/

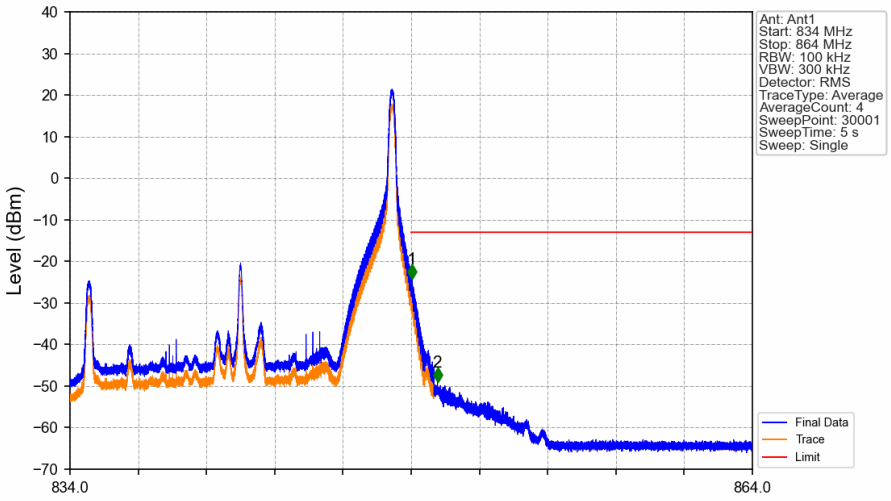
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_0_NTNV

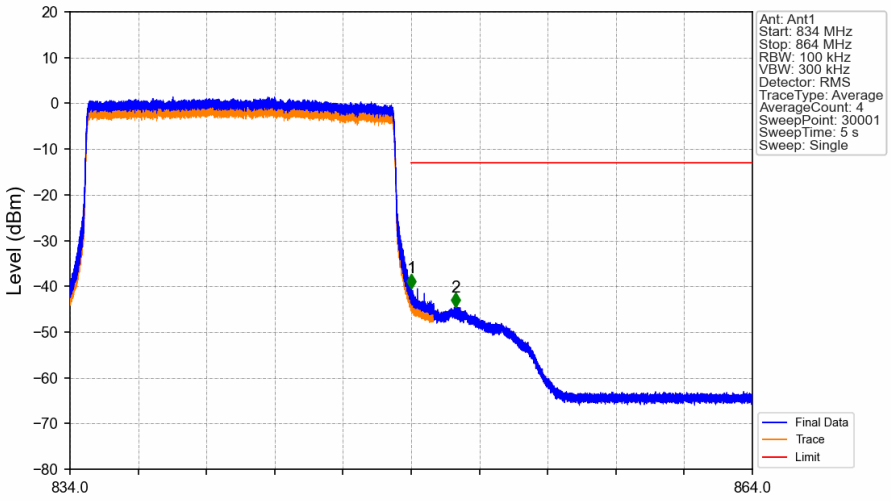


Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.225	3.52	/	/	/	/	/
849	850	0.225	3.52	1	849.036	-24.18	-13	Pass
850	864	0.1	0	2	850.156	-49.11	-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	849.004	-40.41	-13	Pass
850	864	0.1	0	2	850.967	-44.54	-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	0.1291	0.0131	ppm	13M6G7D	/	21.11
26c	15	821.5	841.5	0.1180	0.0108	ppm	13M6W7D	/	20.72

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	0.1570	0.0131	ppm	13M6G7D	/	21.96
26c	15	821.5	841.5	0.1435	0.0108	ppm	13M6W7D	/	21.57