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	23.85	0.15	21.85	<=38.45	Pass
			38	23.83	0.15	21.83	<=38.45	Pass
			74	23.87	0.15	21.87	<=38.45	Pass
		36	0	22.70	0.15	20.70	<=38.45	Pass
			18	22.73	0.15	20.73	<=38.45	Pass
			39	22.73	0.15	20.73	<=38.45	Pass
		75	0	22.74	0.15	20.74	<=38.45	Pass
	831.5	1	0	23.72	0.15	21.72	<=38.45	Pass
			38	23.73	0.15	21.73	<=38.45	Pass
			74	23.58	0.15	21.58	<=38.45	Pass
		36	0	22.69	0.15	20.69	<=38.45	Pass
			18	22.70	0.15	20.70	<=38.45	Pass
			39	22.69	0.15	20.69	<=38.45	Pass
		75	0	22.67	0.15	20.67	<=38.45	Pass
	841.5	1	0	23.59	0.15	21.59	<=38.45	Pass
			38	23.55	0.15	21.55	<=38.45	Pass
			74	23.48	0.15	21.48	<=38.45	Pass
		36	0	22.70	0.15	20.70	<=38.45	Pass
			18	22.68	0.15	20.68	<=38.45	Pass
			39	22.58	0.15	20.58	<=38.45	Pass
		75	0	22.65	0.15	20.65	<=38.45	Pass
16QAM	821.5	1	0	23.16	0.15	21.16	<=38.45	Pass
			38	23.24	0.15	21.24	<=38.45	Pass
			74	23.23	0.15	21.23	<=38.45	Pass
		36	0	21.77	0.15	19.77	<=38.45	Pass
			18	21.78	0.15	19.78	<=38.45	Pass
			39	21.80	0.15	19.80	<=38.45	Pass
		75	0	21.77	0.15	19.77	<=38.45	Pass
	831.5	1	0	22.99	0.15	20.99	<=38.45	Pass
			38	22.93	0.15	20.93	<=38.45	Pass
			74	22.82	0.15	20.82	<=38.45	Pass
		36	0	21.73	0.15	19.73	<=38.45	Pass
			18	21.74	0.15	19.74	<=38.45	Pass
			39	21.72	0.15	19.72	<=38.45	Pass
		75	0	21.73	0.15	19.73	<=38.45	Pass
	841.5	1	0	22.99	0.15	20.99	<=38.45	Pass
			38	22.96	0.15	20.96	<=38.45	Pass
			74	22.90	0.15	20.90	<=38.45	Pass
		36	0	21.72	0.15	19.72	<=38.45	Pass
			18	21.66	0.15	19.66	<=38.45	Pass
			39	21.58	0.15	19.58	<=38.45	Pass
		75	0	21.64	0.15	19.64	<=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	-0.730	-0.0009	-2.5 to 2.5	Pass
					3.85	-2.589	-0.0032	-2.5 to 2.5	Pass
					4.43	-3.519	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-2.003	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.017	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-1.287	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-2.403	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-3.347	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-2.489	-0.0030	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-0.701	-0.0008	-2.5 to 2.5	Pass
					3.85	-2.303	-0.0028	-2.5 to 2.5	Pass
					4.43	-3.219	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-2.203	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-3.619	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-3.233	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-1.817	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-2.546	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-1.931	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-1.473	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-2.832	-0.0034	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-1.888	-0.0022	-2.5 to 2.5	Pass
					3.85	-2.475	-0.0029	-2.5 to 2.5	Pass
					4.43	-2.503	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-1.388	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-1.130	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-1.988	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-0.672	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-1.731	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.717	-0.0020	-2.5 to 2.5	Pass
				50	3.85	0.701	0.0008	-2.5 to 2.5	Pass
16QAM	821.5	75	0	20	3.27	-2.418	-0.0029	-2.5 to 2.5	Pass
					3.85	-2.418	-0.0029	-2.5 to 2.5	Pass
					4.43	-2.918	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-2.661	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-2.260	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-2.189	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-2.732	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-2.217	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-1.059	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.275	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-2.289	-0.0028	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-0.057	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.874	-0.0023	-2.5 to 2.5	Pass
					4.43	-0.987	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-1.359	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.747	-0.0033	-2.5 to 2.5	Pass

				-10	3.85	-3.233	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-0.944	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-0.701	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-2.847	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-0.315	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.416	-0.0017	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-2.489	-0.0030	-2.5 to 2.5	Pass
					3.85	-2.961	-0.0035	-2.5 to 2.5	Pass
					4.43	-1.931	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.187	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.458	0.0005	-2.5 to 2.5	Pass
				10	3.85	-2.832	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-0.458	-0.0005	-2.5 to 2.5	Pass
				40	3.85	0.501	0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.844	-0.0010	-2.5 to 2.5	Pass

3. Modulation Characteristics

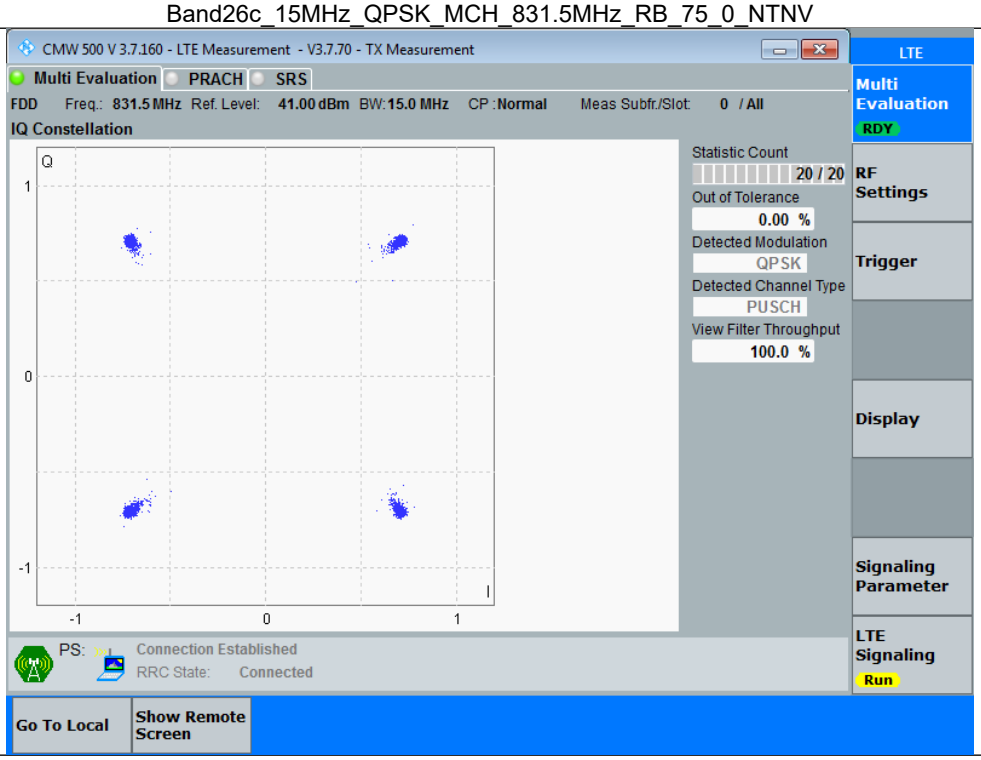
3.1 B26c_15MHz

3.1.1 Test Result

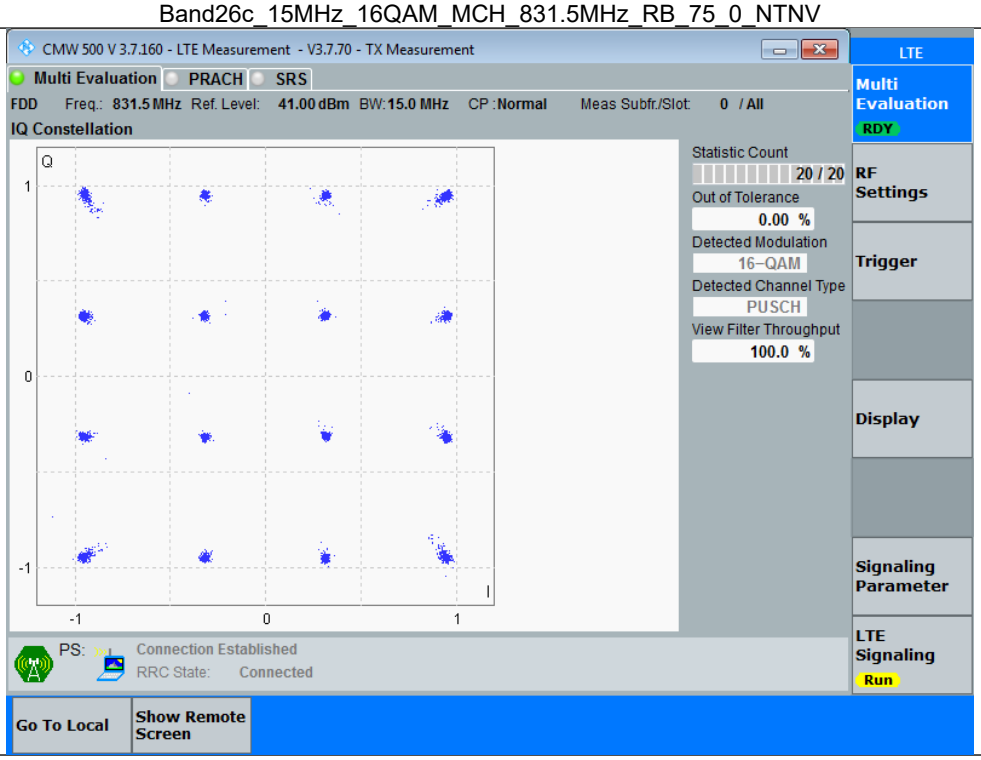
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	75	0	Refer To Test Graph		Pass
16QAM	831.5	75	0	Refer To Test Graph		Pass

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

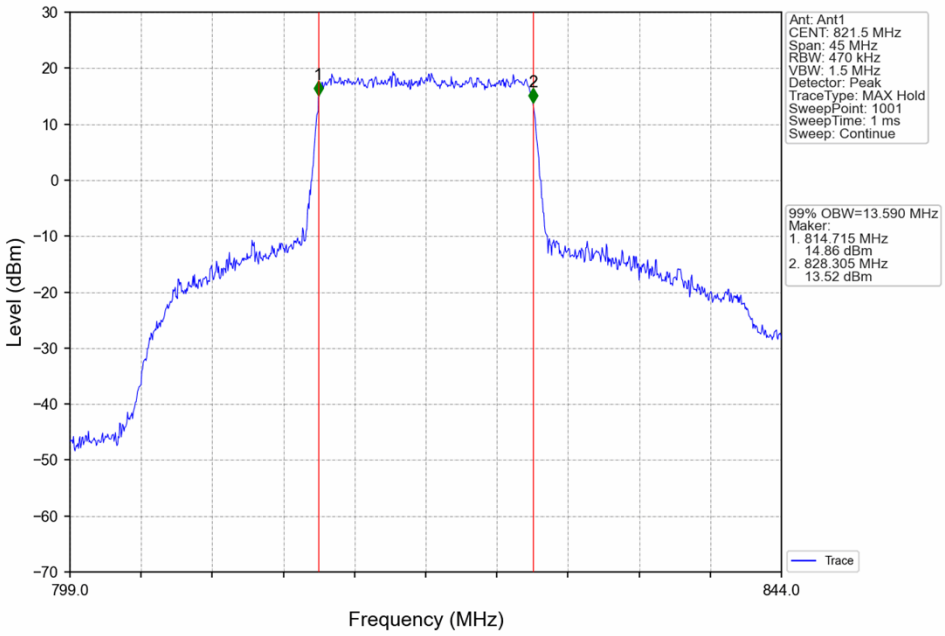
4.1 Band26c_OBW

4.1.1 Test Result

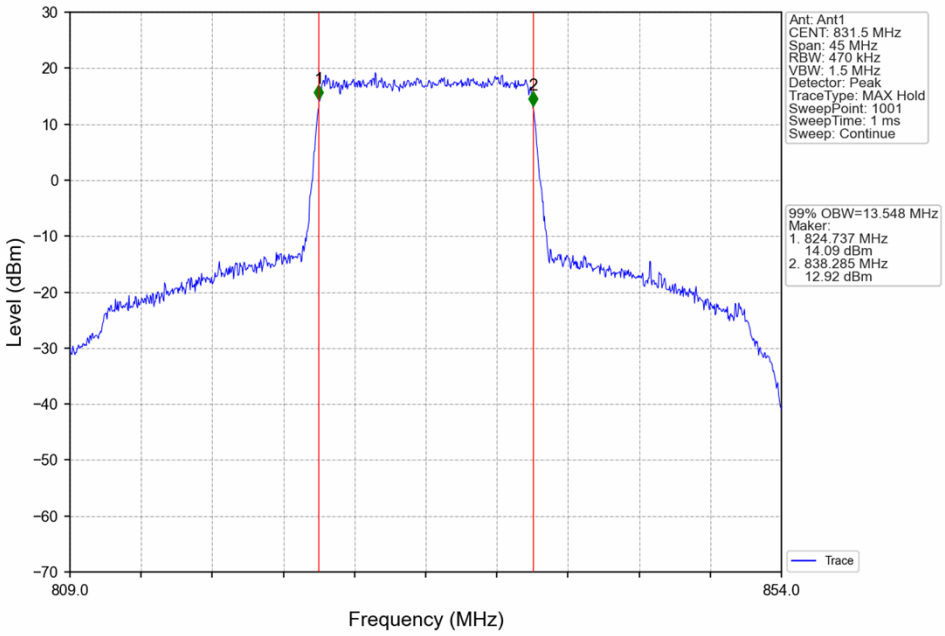
Band: 26c / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	13.590	Pass
		831.5	75	0	13.548	Pass
		841.5	75	0	13.584	Pass
	16QAM	821.5	75	0	13.618	Pass
		831.5	75	0	13.614	Pass
		841.5	75	0	13.568	Pass

4.1.2 Test Graph

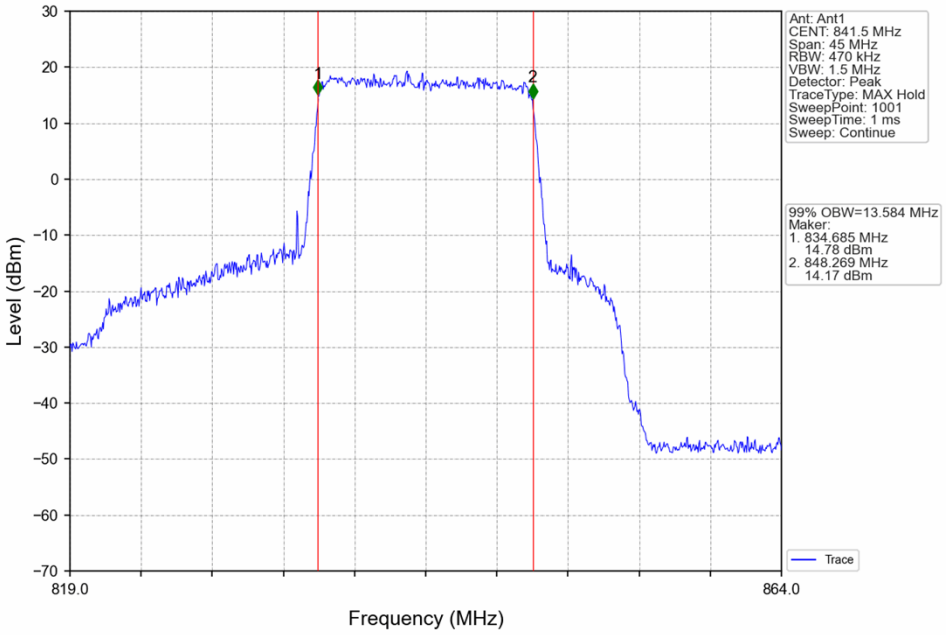
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



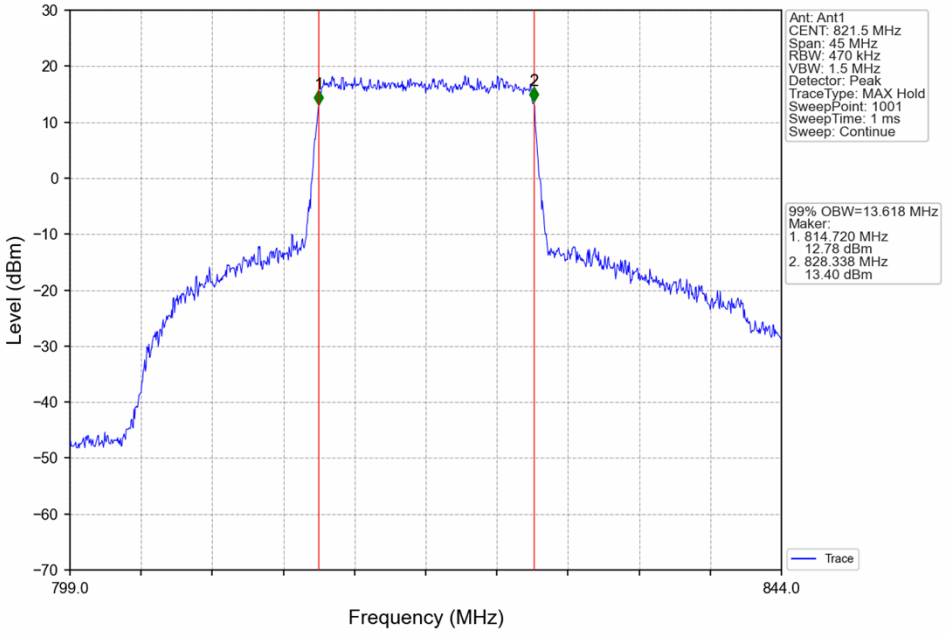
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



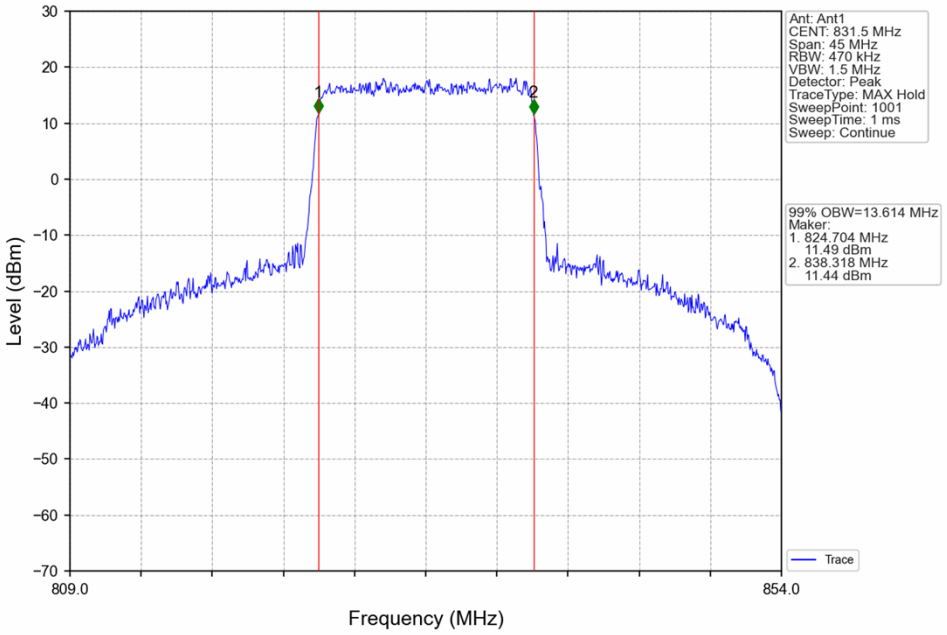
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



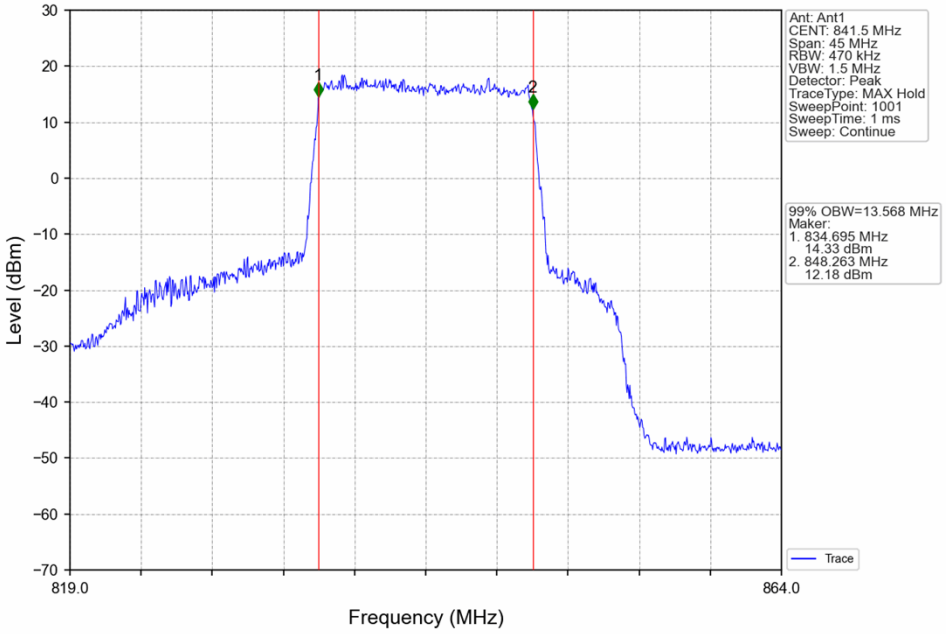
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



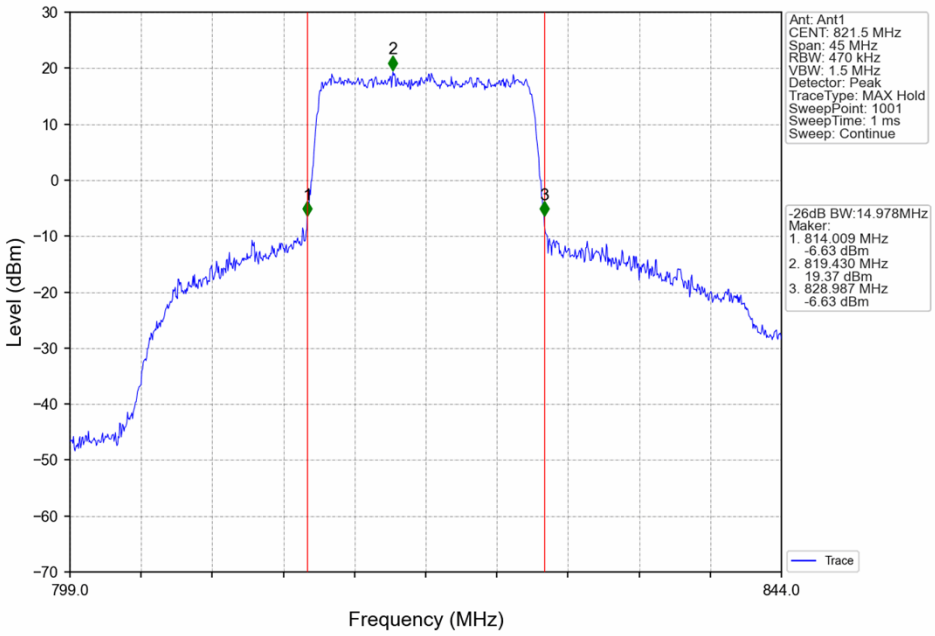
4.2 Band26c_XDB

4.2.1 Test Result

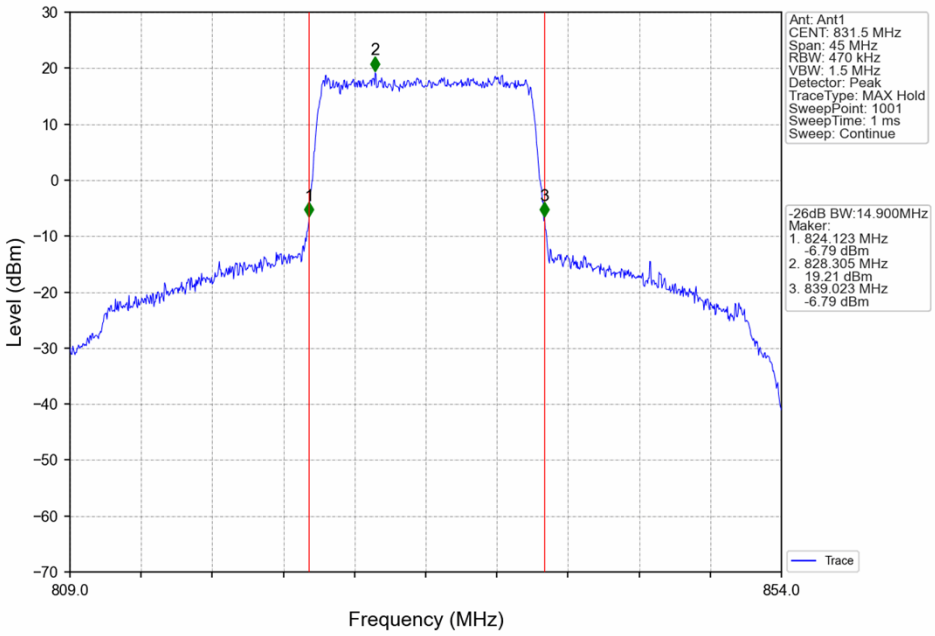
Band: 26c / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	14.978	Pass
		831.5	75	0	14.900	Pass
		841.5	75	0	15.584	Pass
	16QAM	821.5	75	0	14.962	Pass
		831.5	75	0	14.973	Pass
		841.5	75	0	15.008	Pass

4.2.2 Test Graph

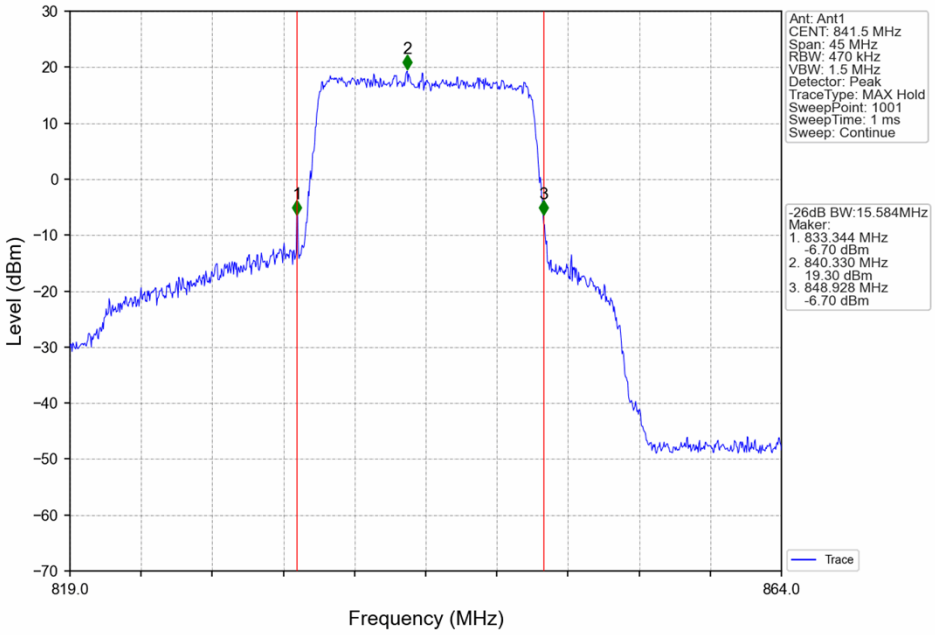
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



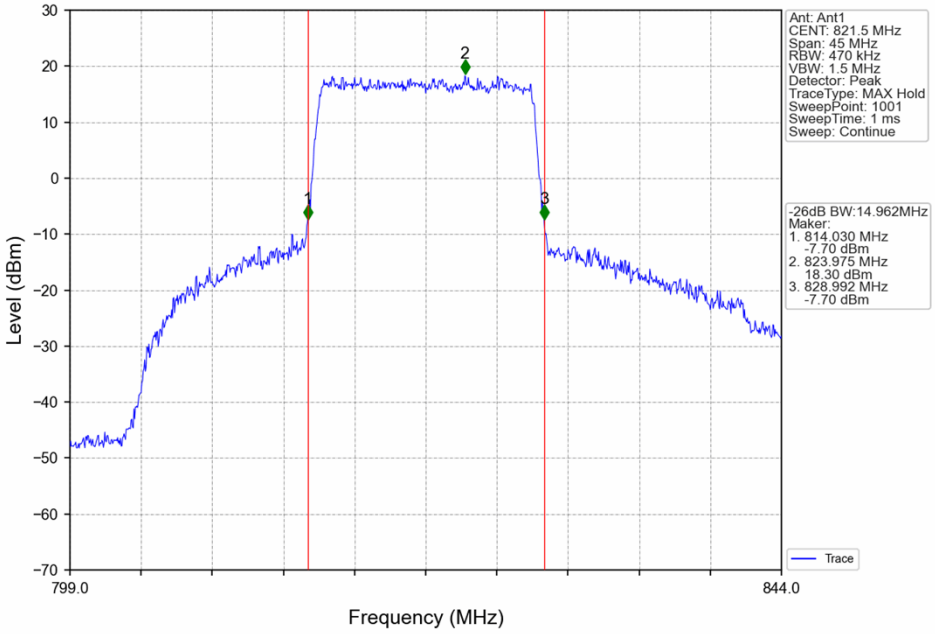
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



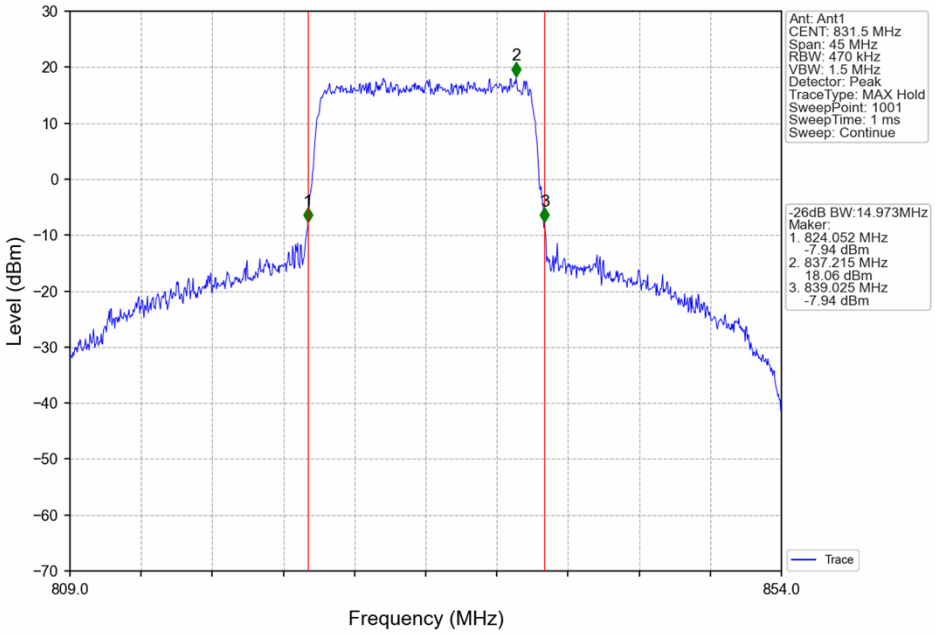
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



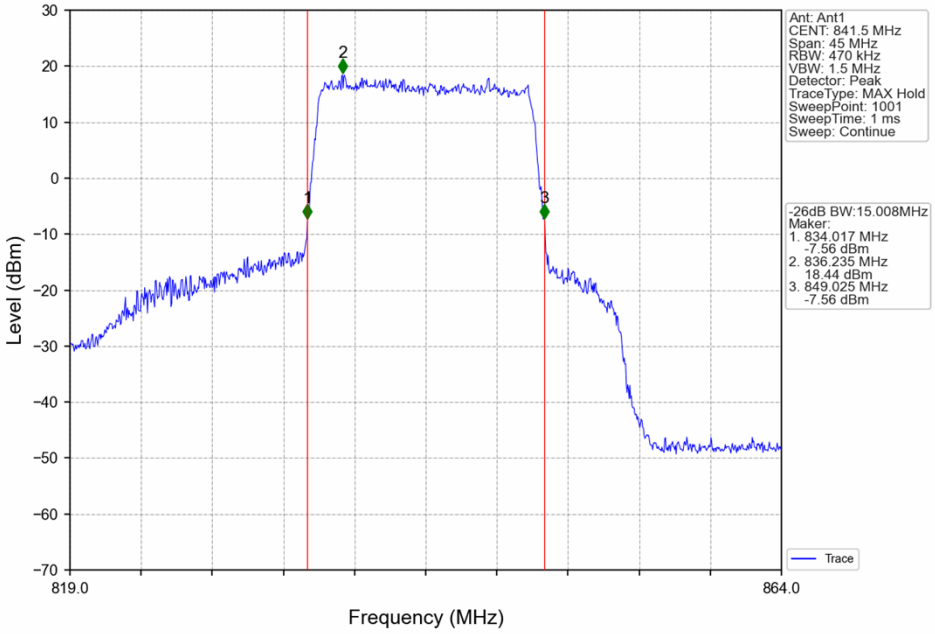
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



5. Peak-Average Ratio

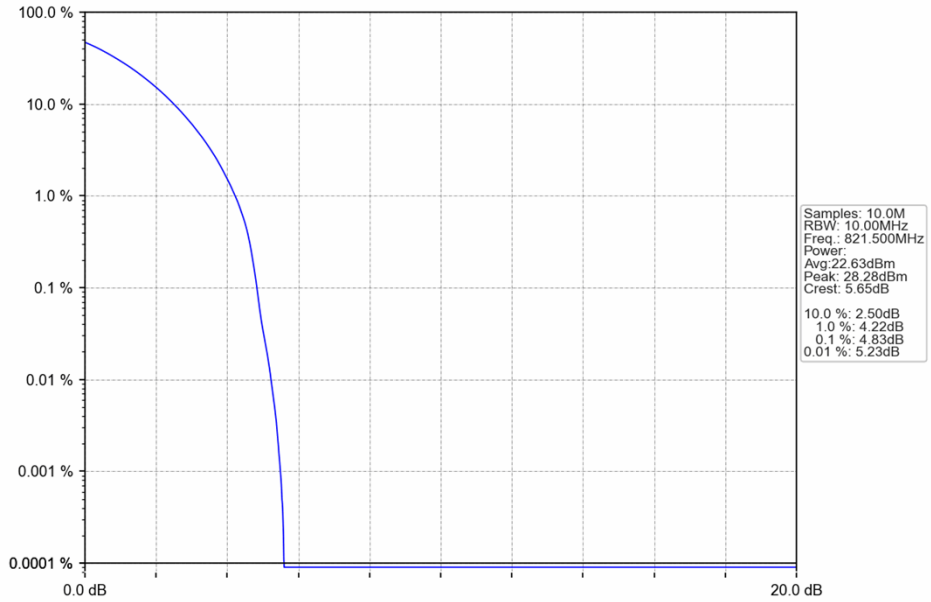
5.1 B26c_15MHz

5.1.1 Test Result

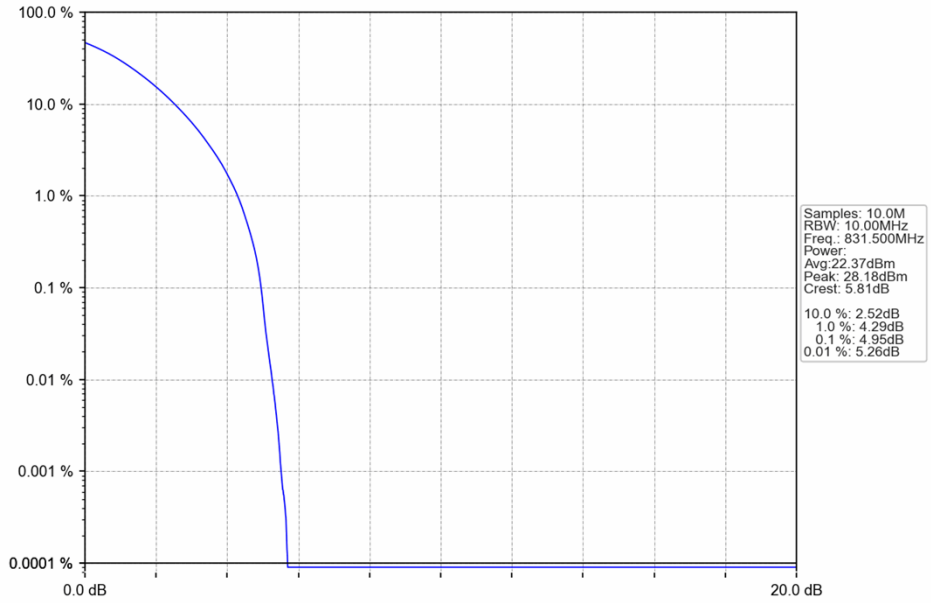
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	4.83	<=13	Pass
	831.5	75	0	4.95	<=13	Pass
	841.5	75	0	4.93	<=13	Pass
16QAM	821.5	75	0	5.60	<=13	Pass
	831.5	75	0	5.75	<=13	Pass
	841.5	75	0	5.80	<=13	Pass

5.1.2 Test Graph

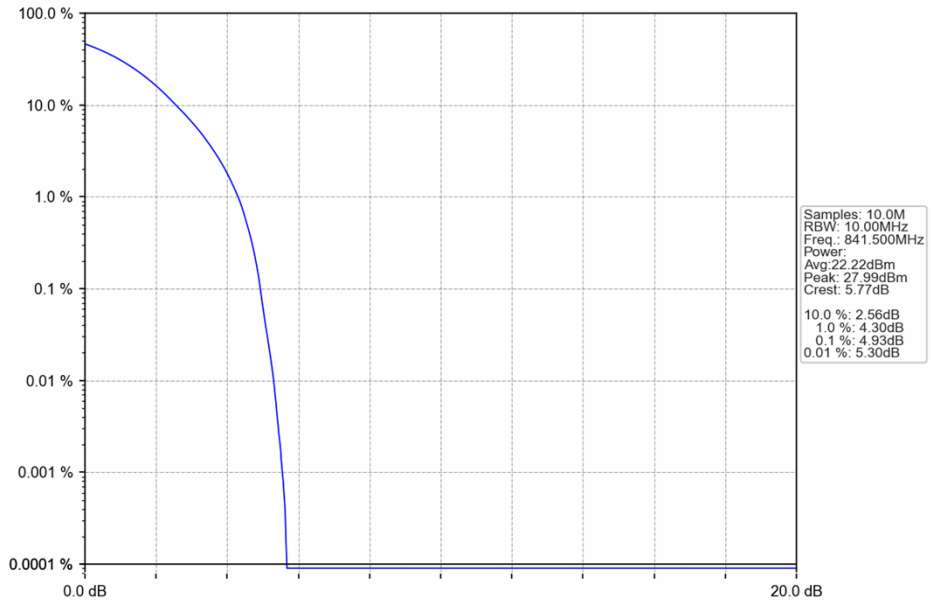
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



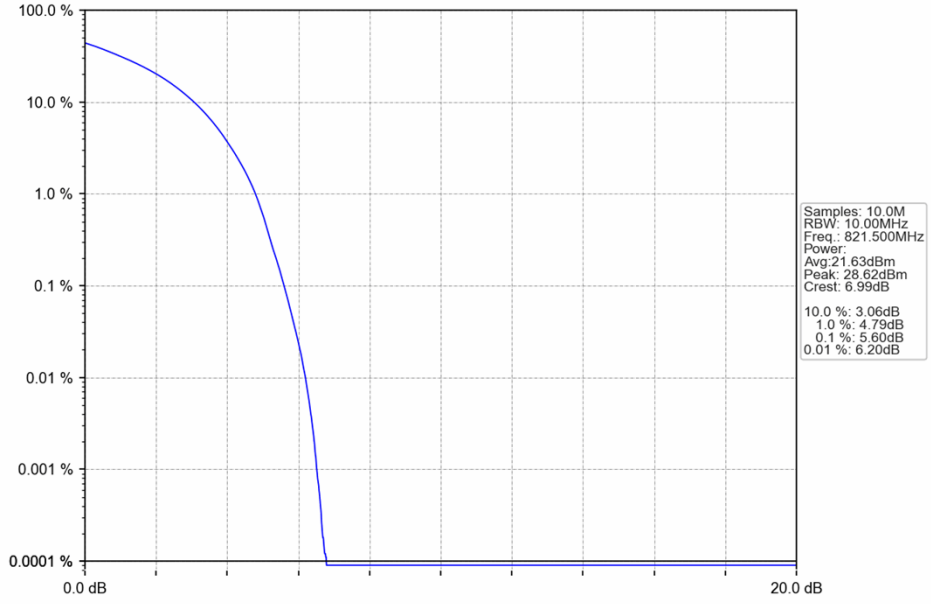
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



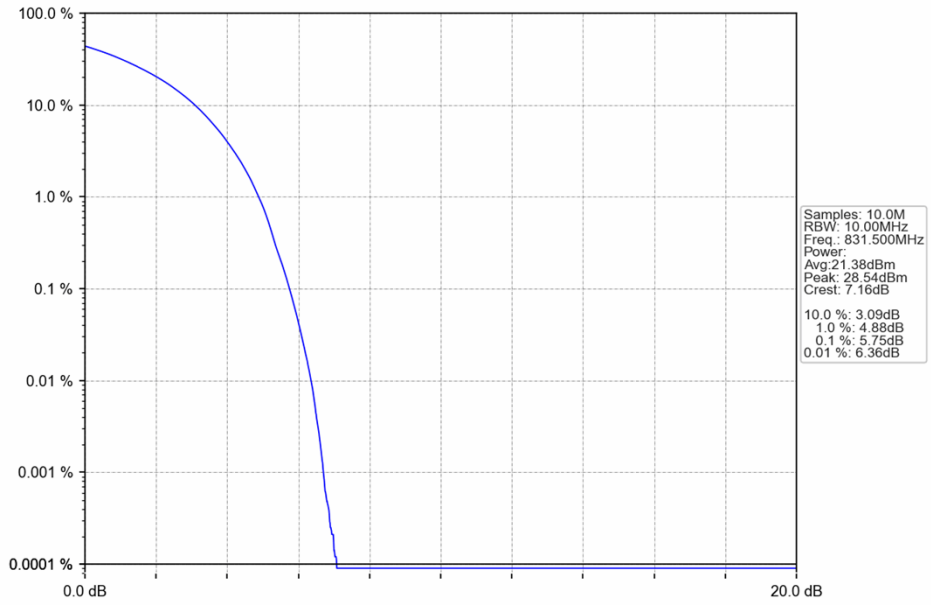
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



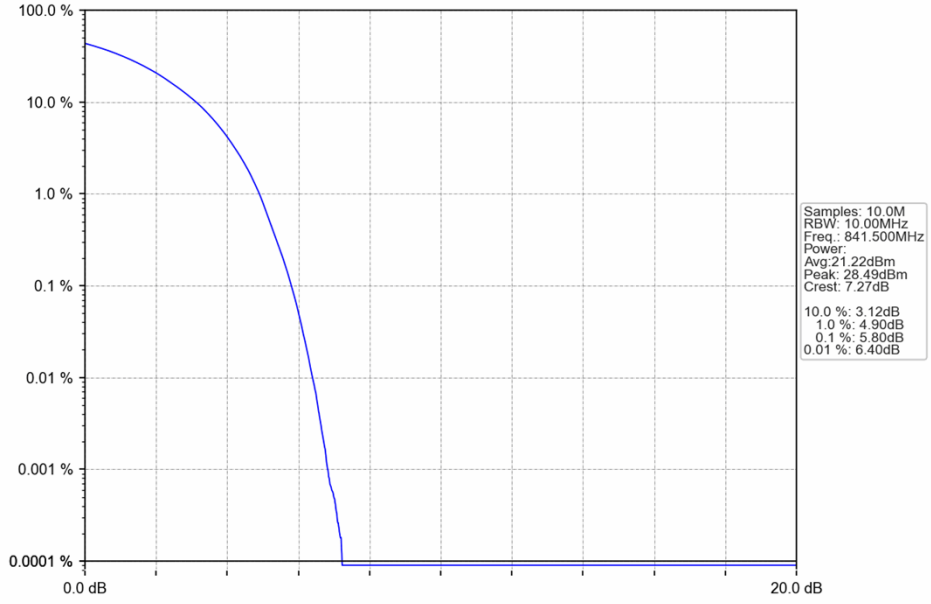
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



6. Spurious Emission

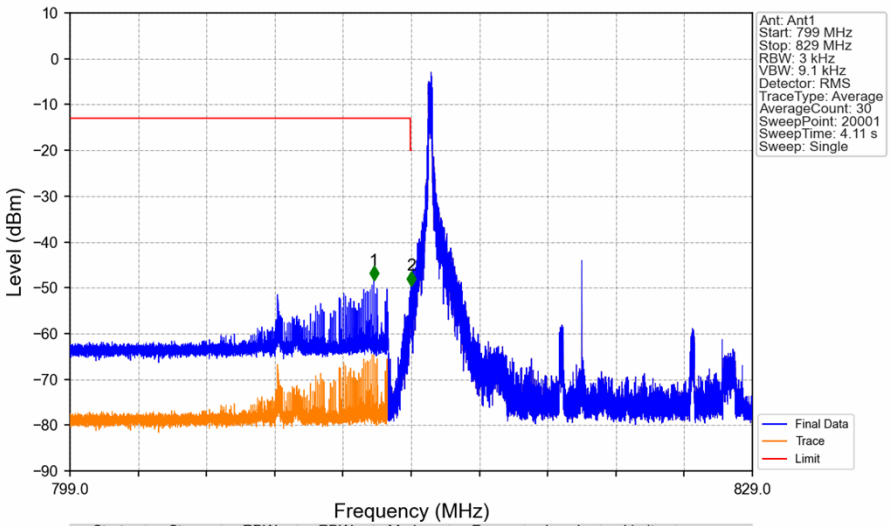
6.1 B26c_15MHz

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

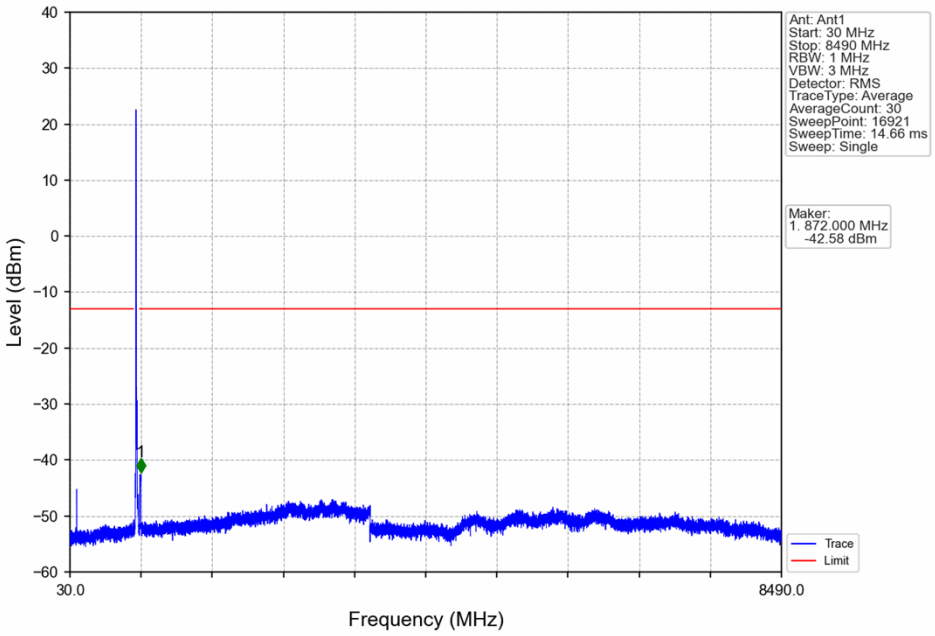
6.1.2 Test Graph

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

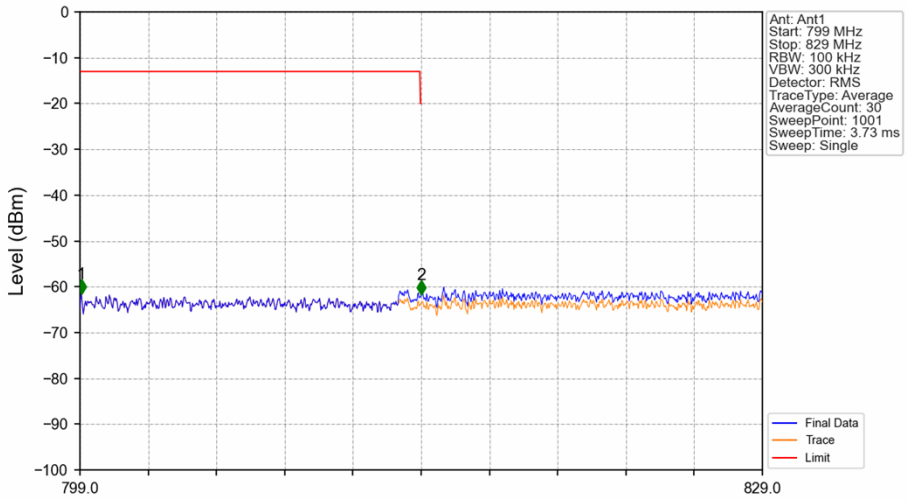


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	15.23	1	812.356	-48.33	-13	Pass
813	814	0.003	0	2	813.997	-49.54	-20	Pass
814	829	0.003	0	/	/	/	/	/

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

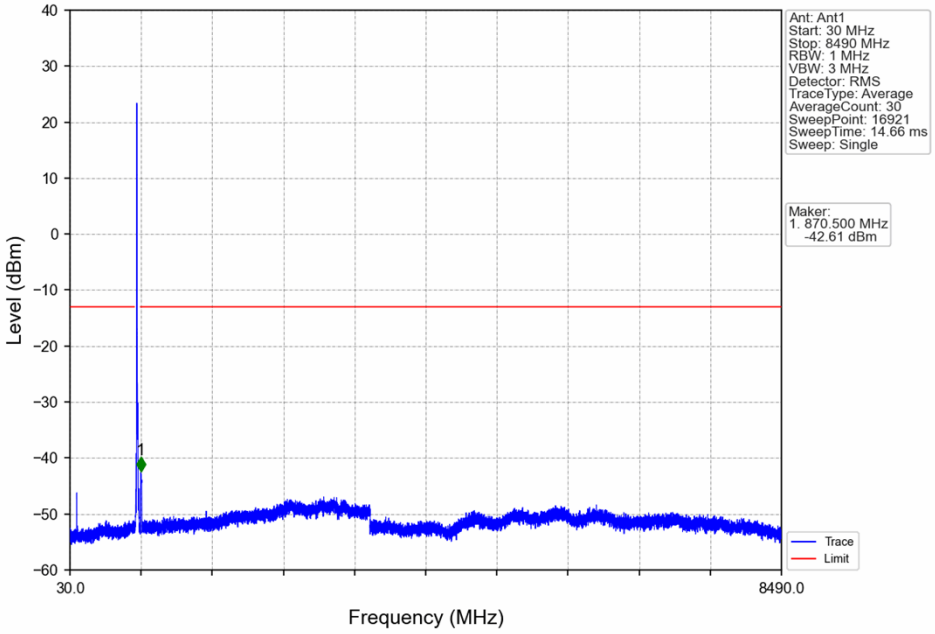


Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV

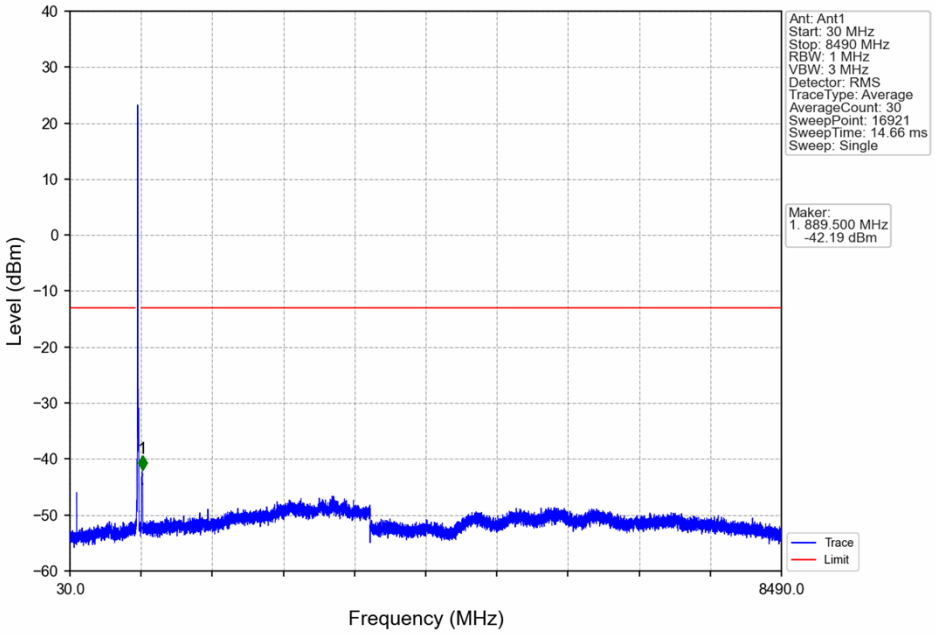


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	0	1	799.060	-61.60	-13	Pass
813	814	0.15	1.76	2	814.000	-61.74	-20	Pass
814	829	0.15	1.76	/	/	/	/	/

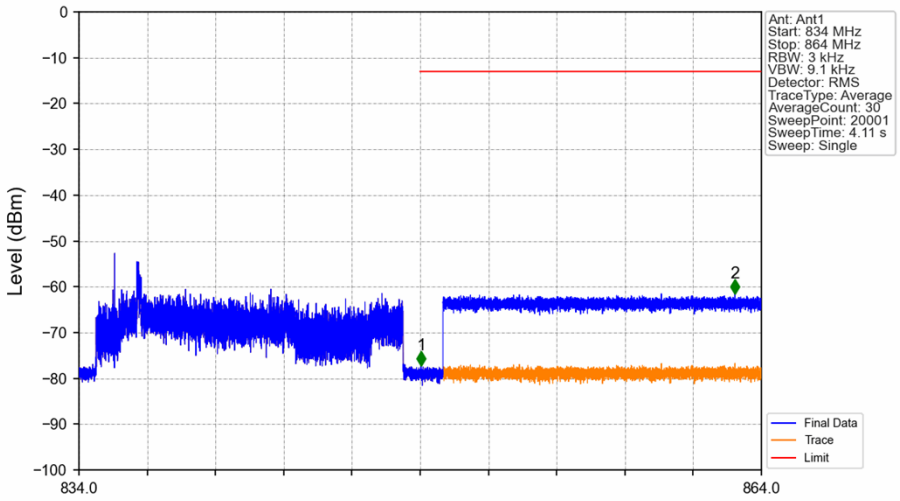
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV

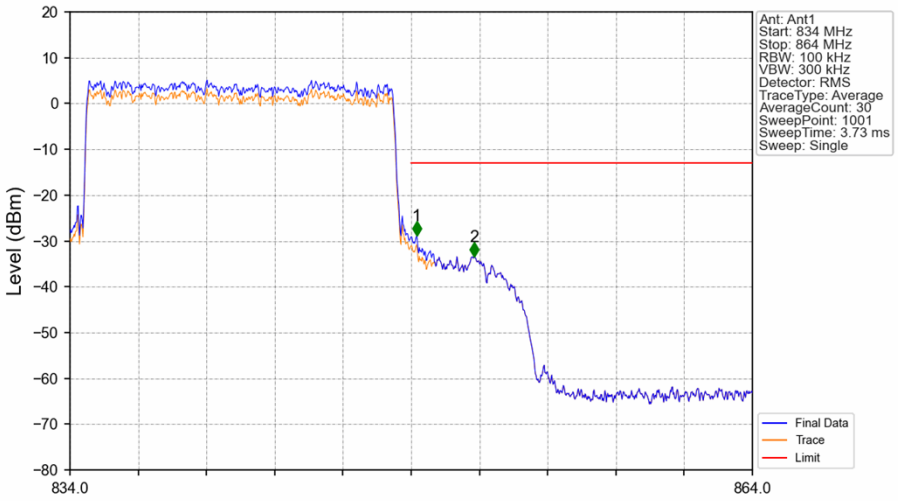


Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_74_NTNV



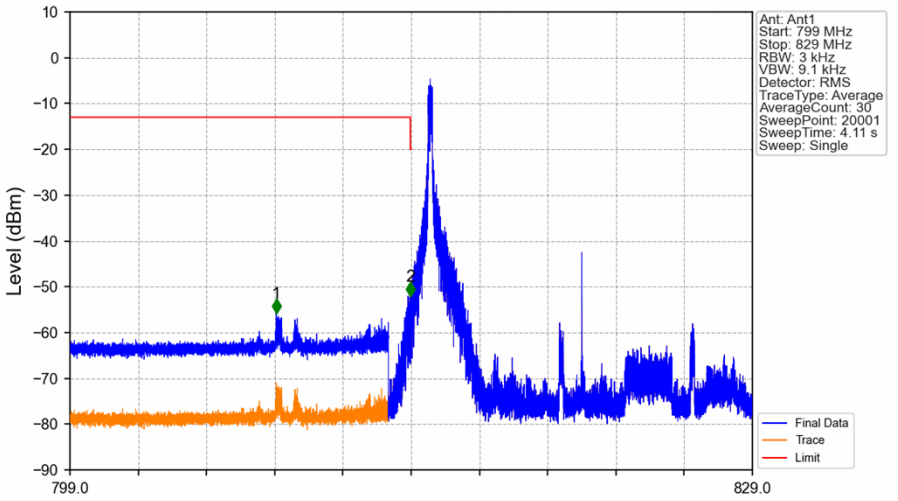
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	0	/	/	/	/	/
849	850	0.003	0	1	849.048	-77.15	-13	Pass
850	864	0.1	15.23	2	862.837	-61.47	-13	Pass

Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



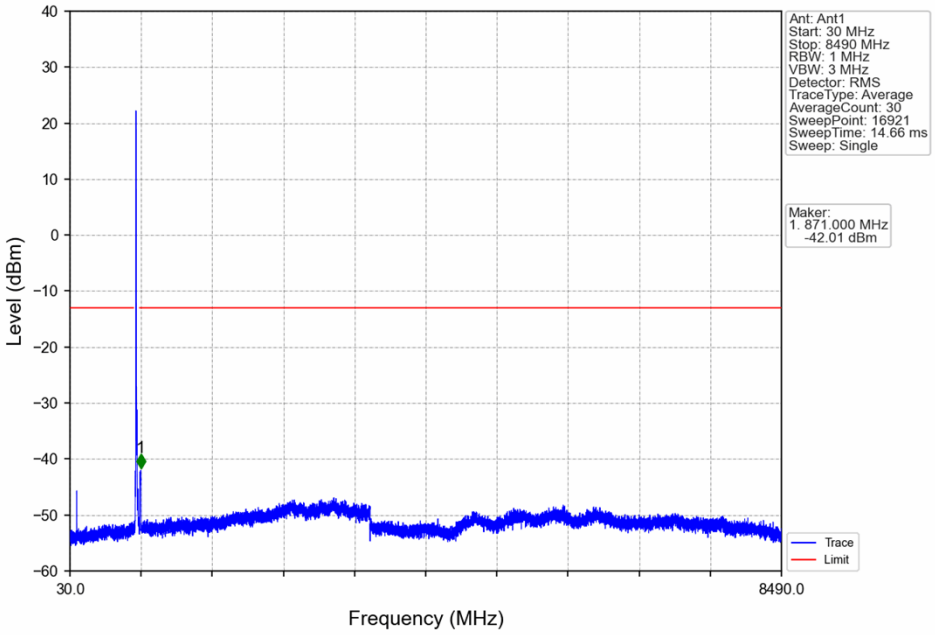
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.156	1.93	/	/	/	/	/
849	850	0.156	1.93	1	849.240	-28.88	-13	Pass
850	864	0.1	0	2	851.760	-33.43	-13	Pass

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

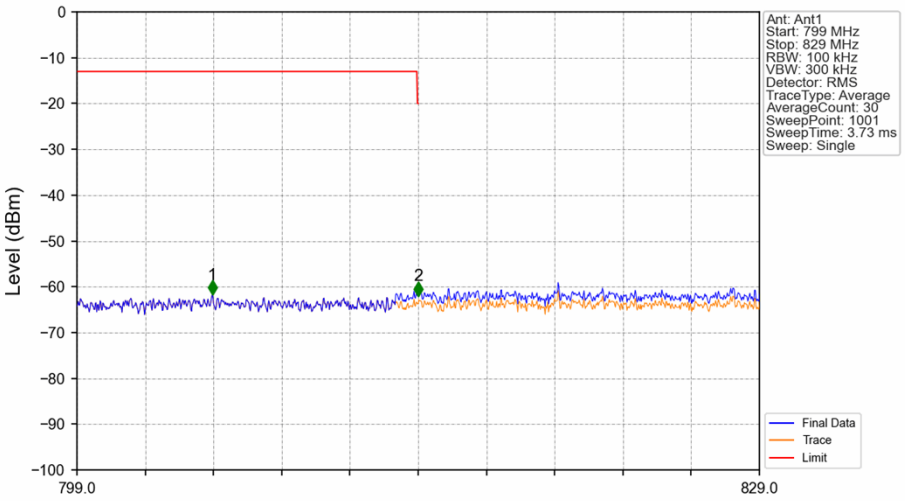


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	15.23	1	808.067	-55.76	-13	Pass
813	814	0.003	0	2	813.970	-52.13	-20	Pass
814	829	0.003	0	/	/	/	/	/

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

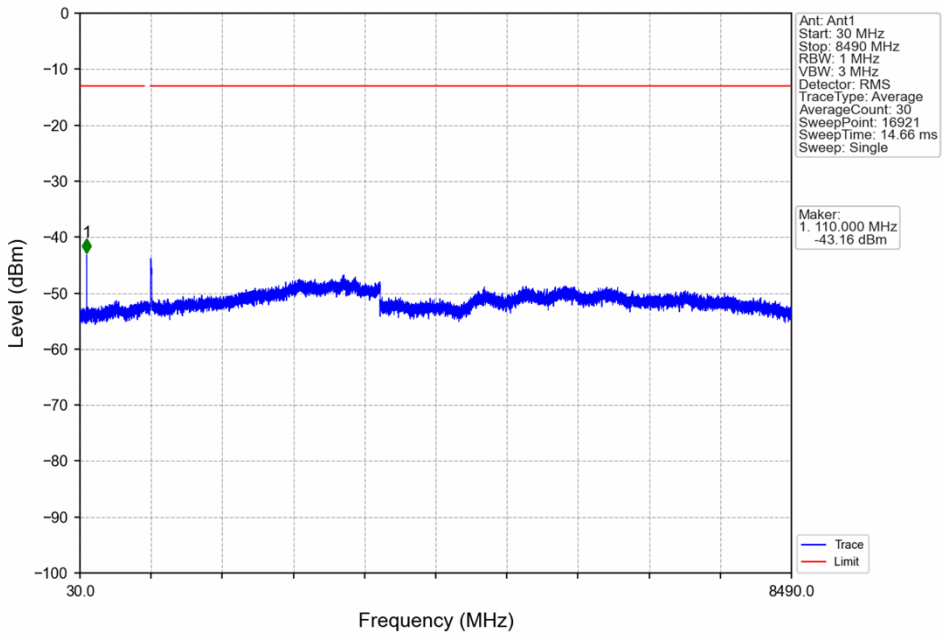


Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV

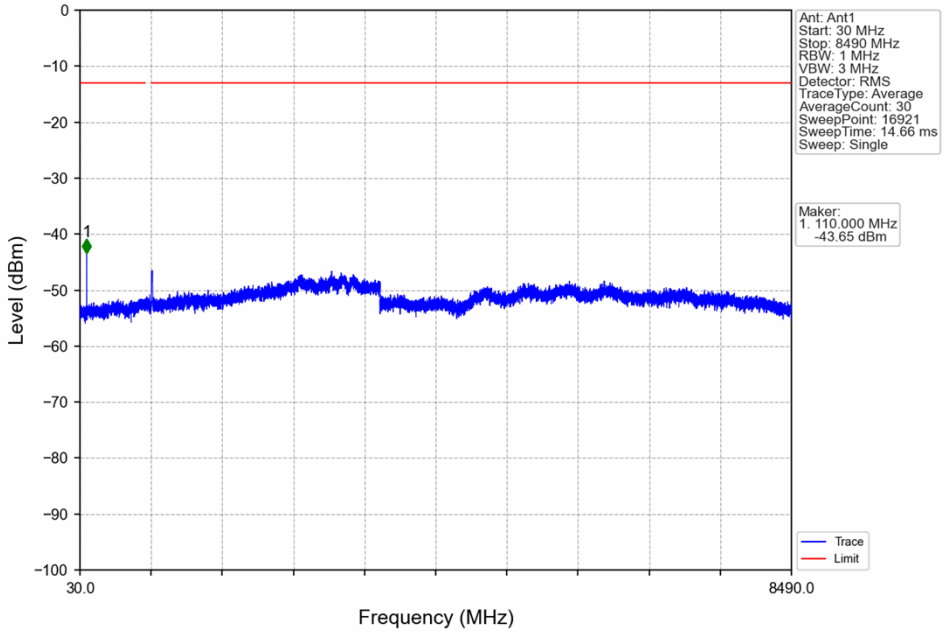


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	0	1	804.940	-61.75	-13	Pass
813	814	0.15	1.76	2	814.000	-62.01	-20	Pass
814	829	0.15	1.76	/	/	/	/	/

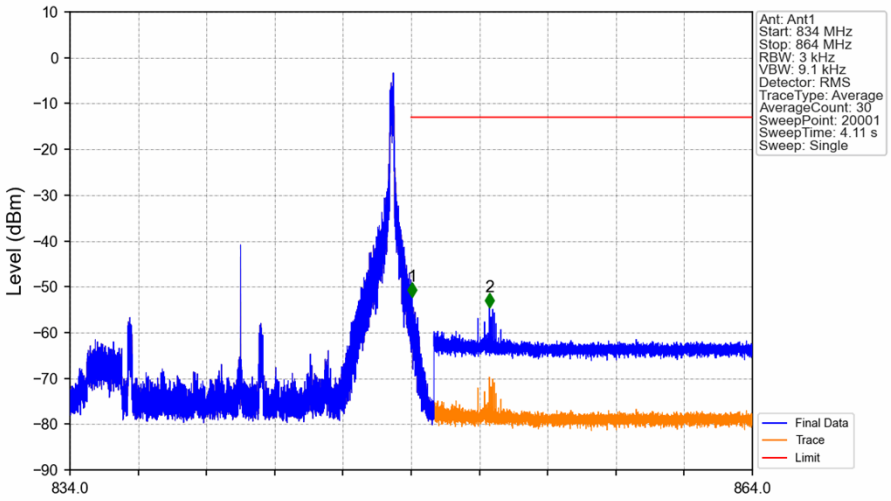
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_0_NTNV

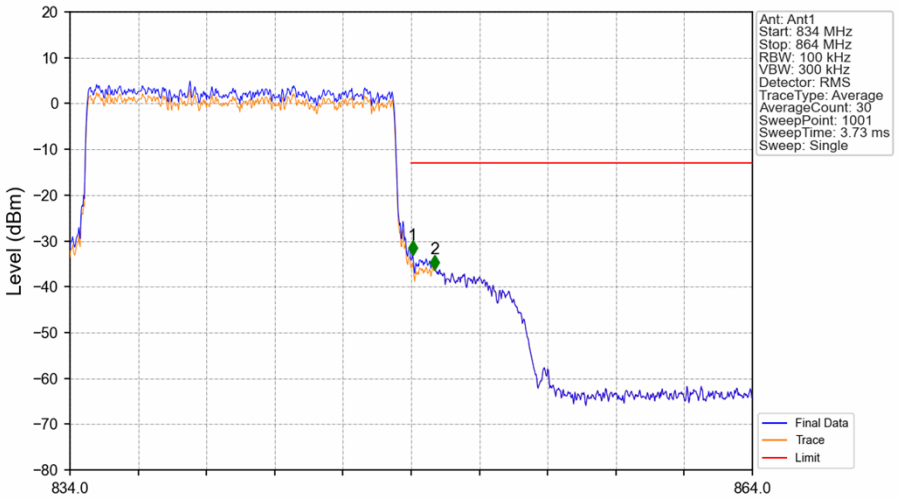


Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_74_NTNV



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	0.2438	0.0044	ppm	13M6G7D	/	23.87
26c	15	821.5	841.5	0.2109	0.0039	ppm	13M6W7D	/	23.24

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	0.1538	0.0044	ppm	13M6G7D	/	21.87
26c	15	821.5	841.5	0.1330	0.0039	ppm	13M6W7D	/	21.24