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	22.25	-2.58	17.52	<=38.45	Pass
			38	22.34	-2.58	17.61	<=38.45	Pass
			74	22.25	-2.58	17.52	<=38.45	Pass
		36	0	21.33	-2.58	16.60	<=38.45	Pass
			18	21.47	-2.58	16.74	<=38.45	Pass
			39	21.41	-2.58	16.68	<=38.45	Pass
		75	0	21.36	-2.58	16.63	<=38.45	Pass
	831.5	1	0	22.29	-2.58	17.56	<=38.45	Pass
			38	22.34	-2.58	17.61	<=38.45	Pass
			74	22.14	-2.58	17.41	<=38.45	Pass
		36	0	21.42	-2.58	16.69	<=38.45	Pass
			18	21.39	-2.58	16.66	<=38.45	Pass
			39	21.32	-2.58	16.59	<=38.45	Pass
		75	0	21.35	-2.58	16.62	<=38.45	Pass
	841.5	1	0	22.23	-2.58	17.50	<=38.45	Pass
			38	22.11	-2.58	17.38	<=38.45	Pass
			74	22.08	-2.58	17.35	<=38.45	Pass
		36	0	21.24	-2.58	16.51	<=38.45	Pass
			18	21.22	-2.58	16.49	<=38.45	Pass
			39	21.07	-2.58	16.34	<=38.45	Pass
		75	0	21.14	-2.58	16.41	<=38.45	Pass
16QAM	821.5	1	0	21.86	-2.58	17.13	<=38.45	Pass
			38	22.00	-2.58	17.27	<=38.45	Pass
			74	21.95	-2.58	17.22	<=38.45	Pass
		36	0	20.38	-2.58	15.65	<=38.45	Pass
			18	20.46	-2.58	15.73	<=38.45	Pass
			39	20.45	-2.58	15.72	<=38.45	Pass
		75	0	20.42	-2.58	15.69	<=38.45	Pass
	831.5	1	0	21.71	-2.58	16.98	<=38.45	Pass
			38	21.79	-2.58	17.06	<=38.45	Pass
			74	21.58	-2.58	16.85	<=38.45	Pass
		36	0	20.37	-2.58	15.64	<=38.45	Pass
			18	20.36	-2.58	15.63	<=38.45	Pass
			39	20.36	-2.58	15.63	<=38.45	Pass
		75	0	20.36	-2.58	15.63	<=38.45	Pass
	841.5	1	0	21.43	-2.58	16.70	<=38.45	Pass
			38	21.33	-2.58	16.60	<=38.45	Pass
			74	21.23	-2.58	16.50	<=38.45	Pass
		36	0	20.28	-2.58	15.55	<=38.45	Pass
			18	20.26	-2.58	15.53	<=38.45	Pass
			39	20.15	-2.58	15.42	<=38.45	Pass
		75	0	20.21	-2.58	15.48	<=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	-5.007	-0.0061	-2.5 to 2.5	Pass
					3.85	-6.981	-0.0085	-2.5 to 2.5	Pass
					4.43	-5.965	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-6.380	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-4.892	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-5.751	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-4.163	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-7.024	-0.0086	-2.5 to 2.5	Pass
				30	3.85	-6.623	-0.0081	-2.5 to 2.5	Pass
				40	3.85	-6.337	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-7.081	-0.0086	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-3.061	-0.0037	-2.5 to 2.5	Pass
					3.85	-8.497	-0.0102	-2.5 to 2.5	Pass
					4.43	-4.520	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-4.420	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-4.706	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-6.251	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-6.423	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-4.721	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-6.809	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-6.294	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-4.420	-0.0053	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-8.426	-0.0100	-2.5 to 2.5	Pass
					3.85	-6.409	-0.0076	-2.5 to 2.5	Pass
					4.43	-5.121	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-3.862	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-7.982	-0.0095	-2.5 to 2.5	Pass
				-10	3.85	-9.384	-0.0112	-2.5 to 2.5	Pass
				0	3.85	-9.327	-0.0111	-2.5 to 2.5	Pass
				10	3.85	-6.523	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-6.080	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-8.497	-0.0101	-2.5 to 2.5	Pass
				50	3.85	-4.864	-0.0058	-2.5 to 2.5	Pass
16QAM	821.5	75	0	20	3.27	-7.653	-0.0093	-2.5 to 2.5	Pass
					3.85	-8.612	-0.0105	-2.5 to 2.5	Pass
					4.43	-6.452	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-4.349	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-7.882	-0.0096	-2.5 to 2.5	Pass
				-10	3.85	-5.579	-0.0068	-2.5 to 2.5	Pass
				0	3.85	-5.779	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-6.738	-0.0082	-2.5 to 2.5	Pass
				30	3.85	-6.008	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-5.136	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-8.125	-0.0099	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-5.937	-0.0071	-2.5 to 2.5	Pass
					3.85	-5.507	-0.0066	-2.5 to 2.5	Pass
					4.43	-6.924	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-4.220	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-4.191	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-5.965	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-2.317	-0.0028	-2.5 to 2.5	Pass

				10	3.85	-3.347	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-2.832	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-7.110	-0.0086	-2.5 to 2.5	Pass
				50	3.85	-6.795	-0.0082	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-6.137	-0.0073	-2.5 to 2.5	Pass
					3.85	-4.592	-0.0055	-2.5 to 2.5	Pass
					4.43	-7.224	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-6.795	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	-3.848	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-5.064	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-5.164	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-5.164	-0.0061	-2.5 to 2.5	Pass
				30	3.85	-8.225	-0.0098	-2.5 to 2.5	Pass
				40	3.85	-6.809	-0.0081	-2.5 to 2.5	Pass
				50	3.85	-10.986	-0.0131	-2.5 to 2.5	Pass

3. Modulation Characteristics

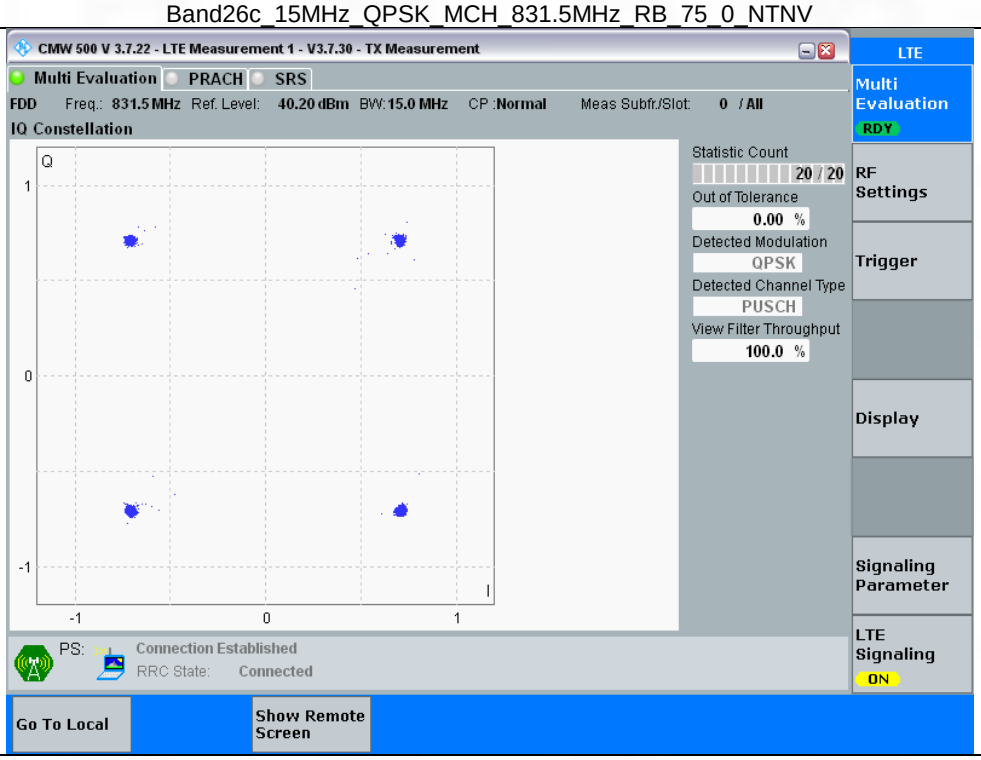
3.1 B26c_15MHz

3.1.1 Test Result

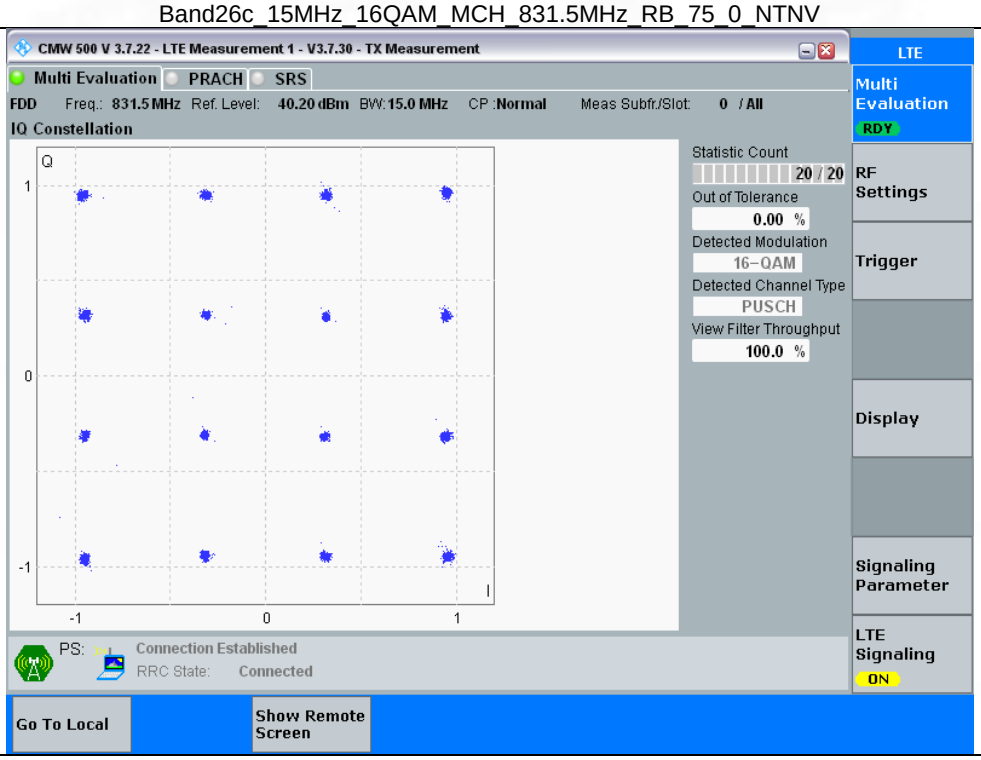
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	75	0	Refer To Test Graph		Pass
16QAM	831.5	75	0	Refer To Test Graph		Pass

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

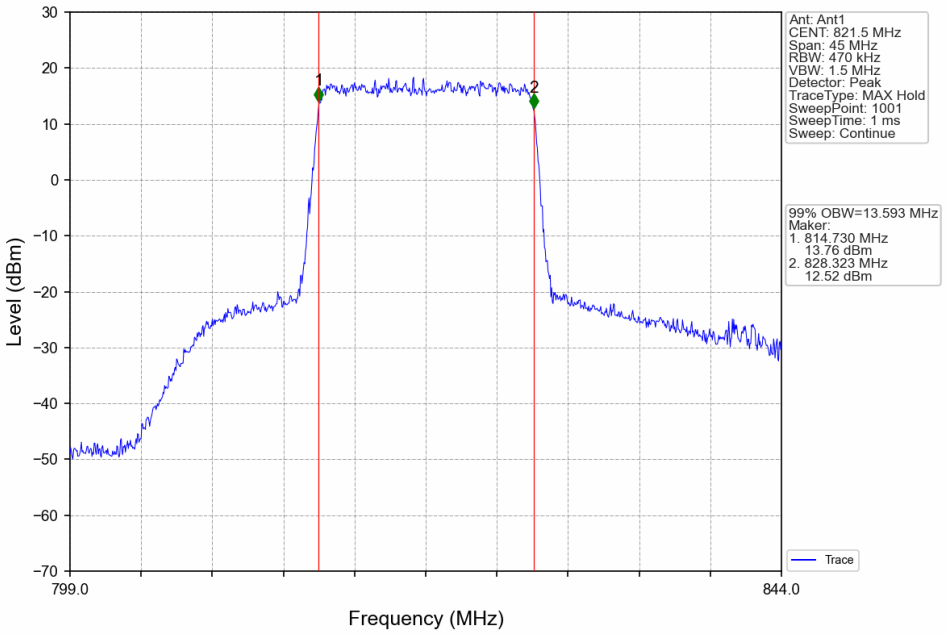
4.1 Band26c_OBW

4.1.1 Test Result

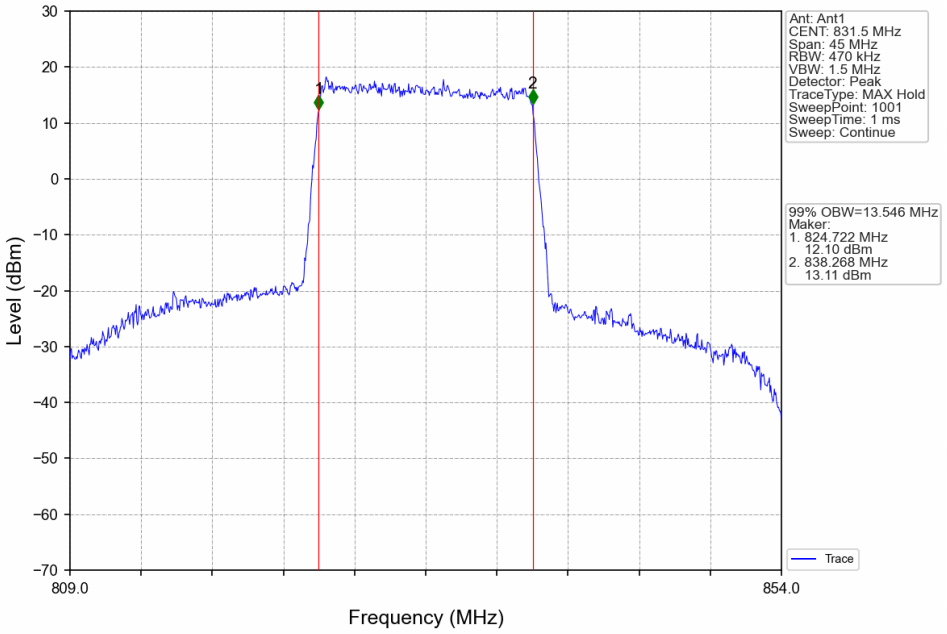
Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	13.593	/	Pass
		831.5	75	0	13.546	/	Pass
		841.5	75	0	13.562	/	Pass
	16QAM	821.5	75	0	13.587	/	Pass
		831.5	75	0	13.581	/	Pass
		841.5	75	0	13.565	/	Pass

4.1.2 Test Graph

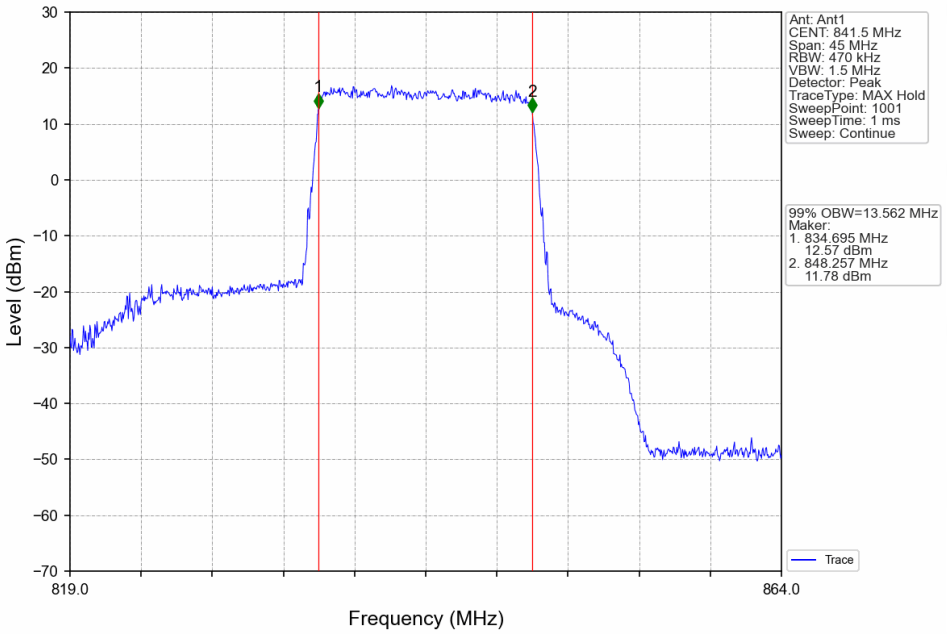
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



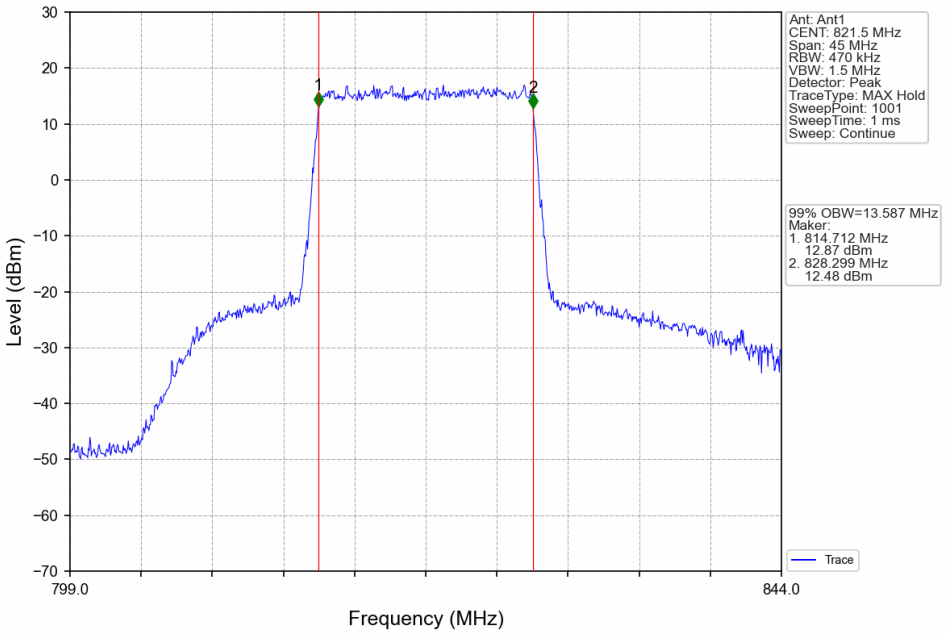
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



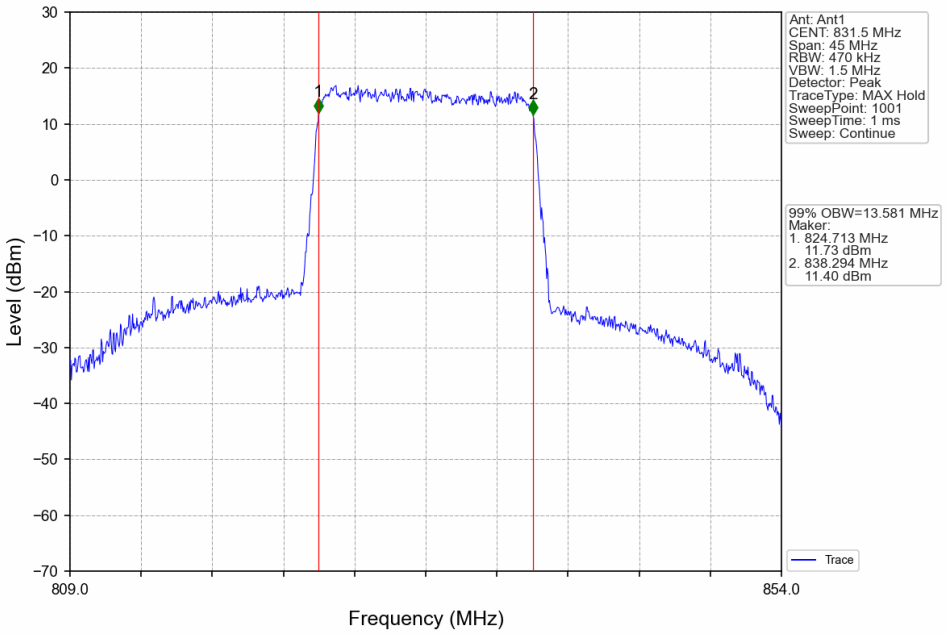
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



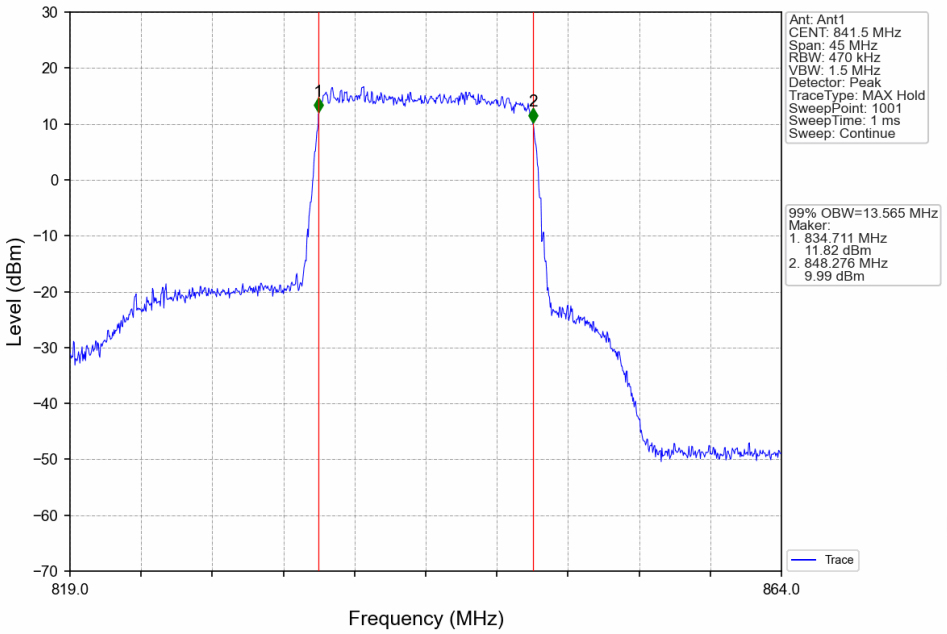
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



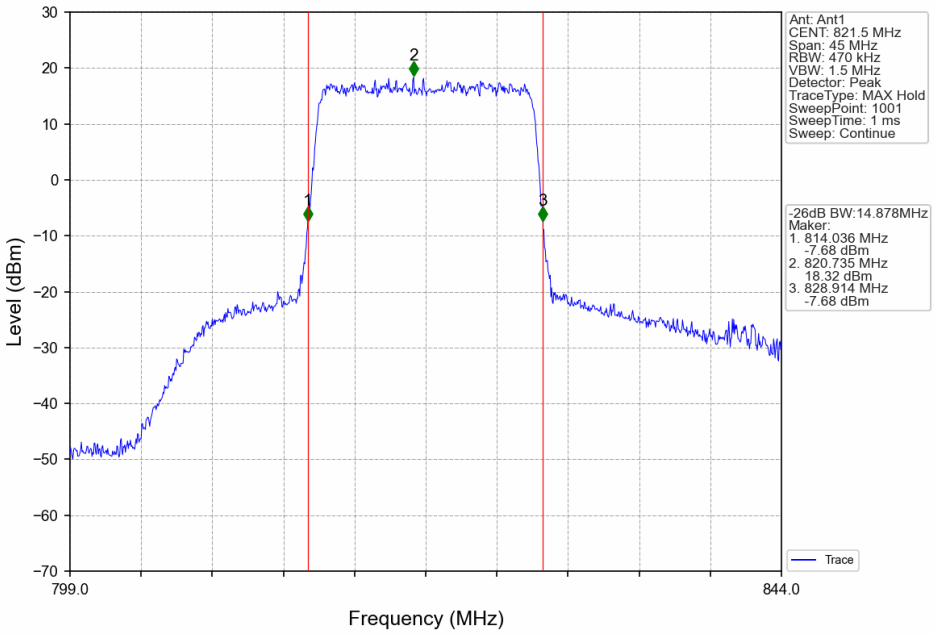
4.2 Band26c_XDB

4.2.1 Test Result

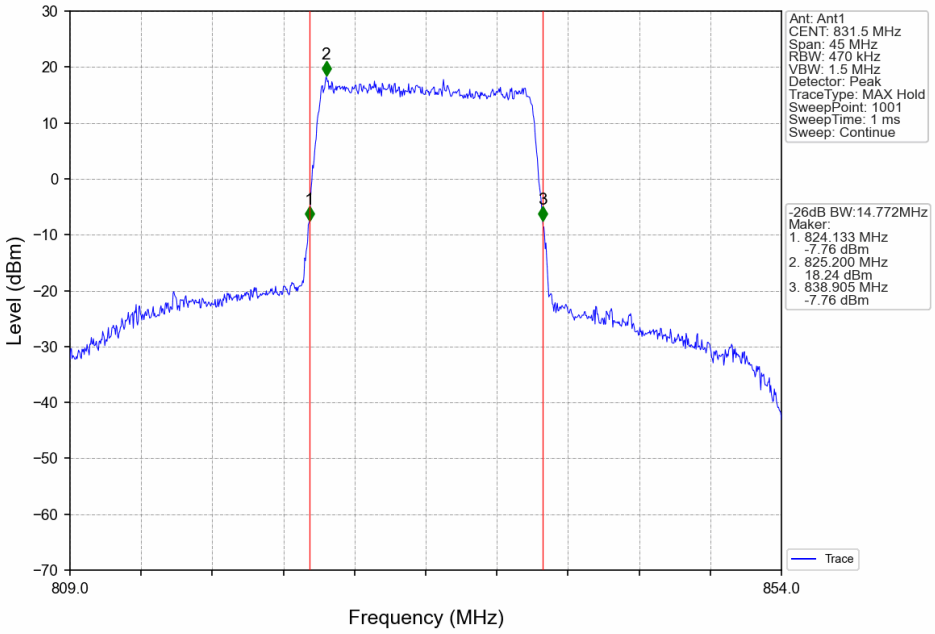
Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	14.878	/	Pass
		831.5	75	0	14.772	/	Pass
		841.5	75	0	14.952	/	Pass
	16QAM	821.5	75	0	14.869	/	Pass
		831.5	75	0	14.822	/	Pass
		841.5	75	0	14.815	/	Pass

4.2.2 Test Graph

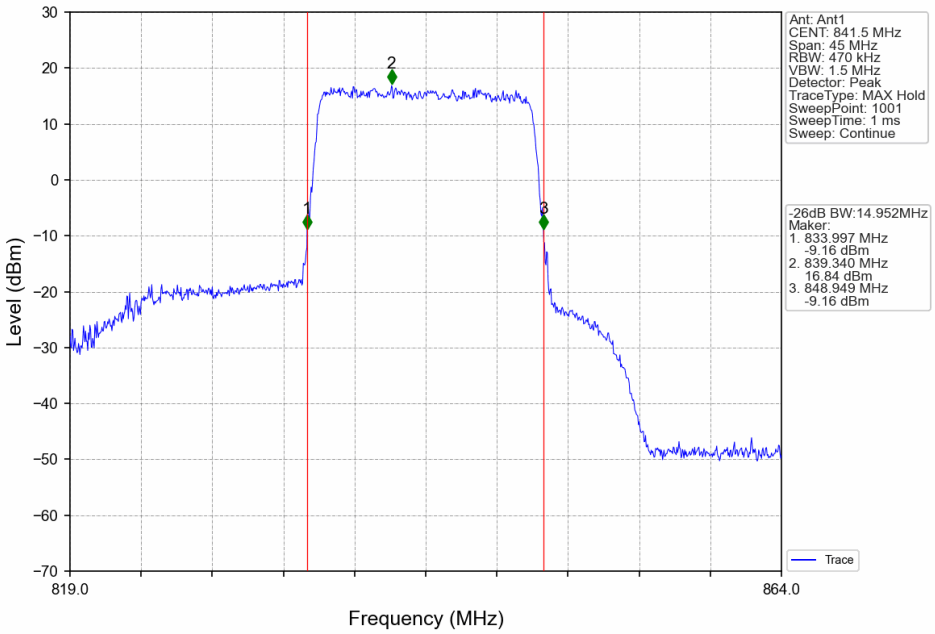
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



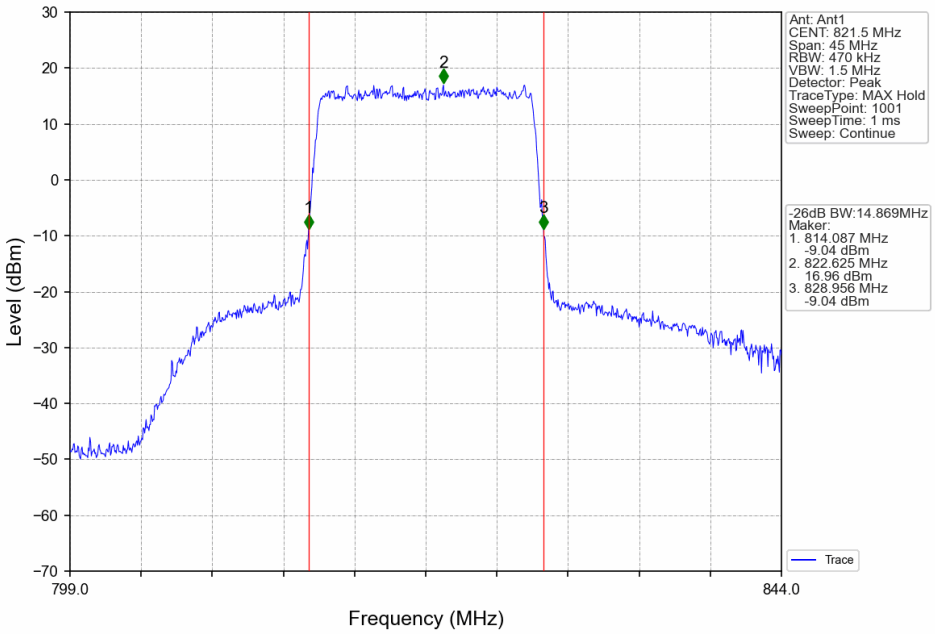
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



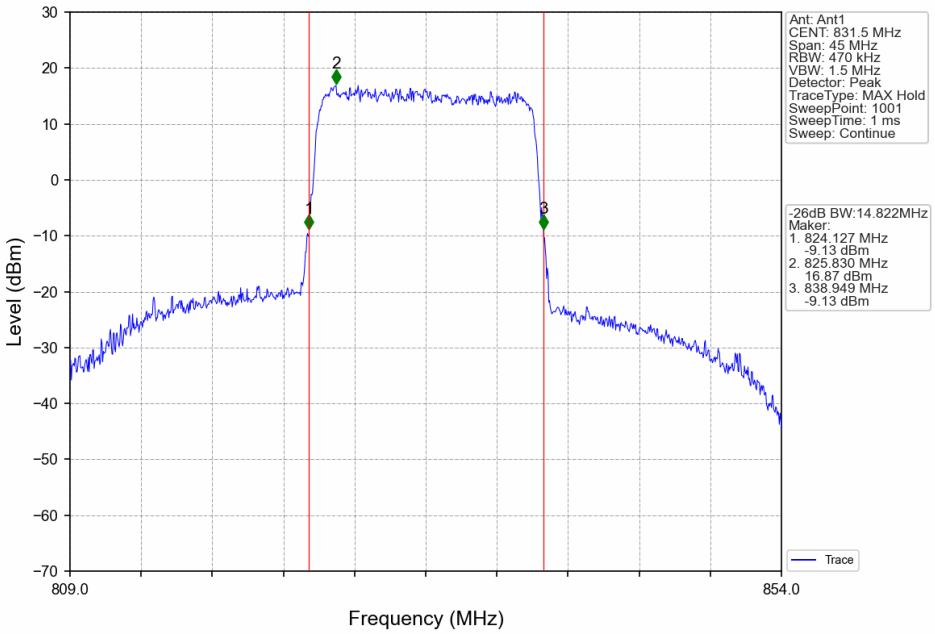
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



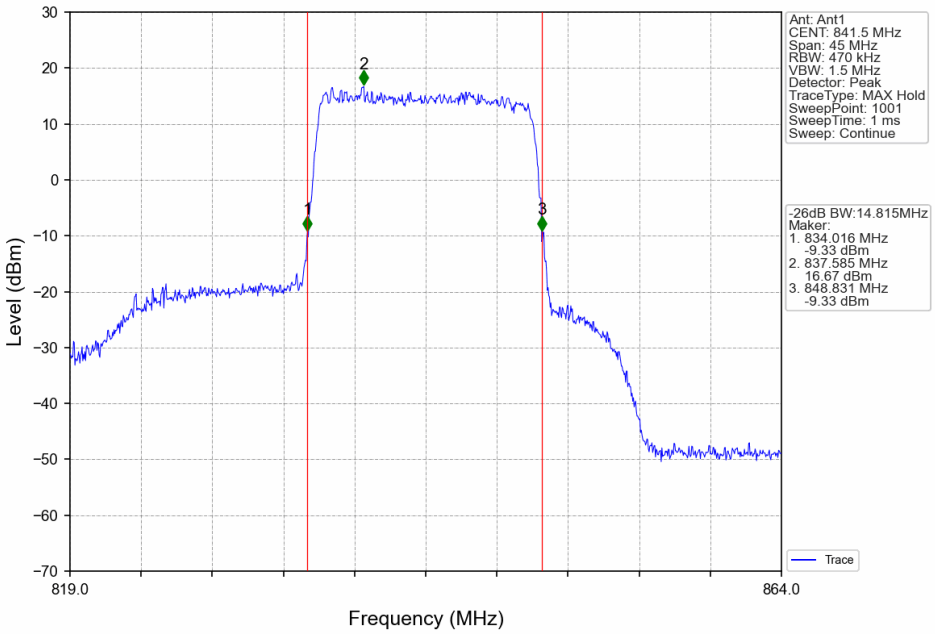
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



5. Peak-Average Ratio

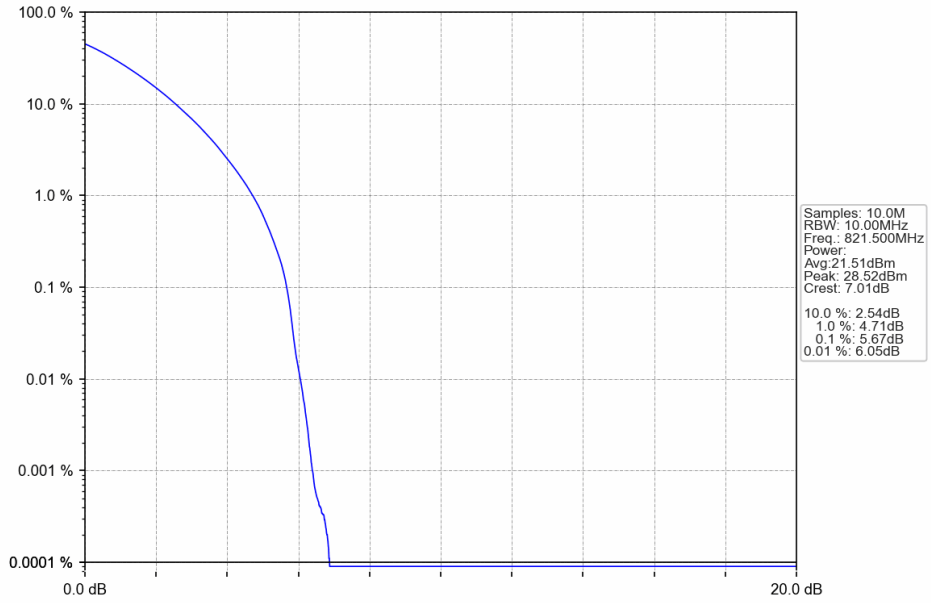
5.1 B26c_15MHz

5.1.1 Test Result

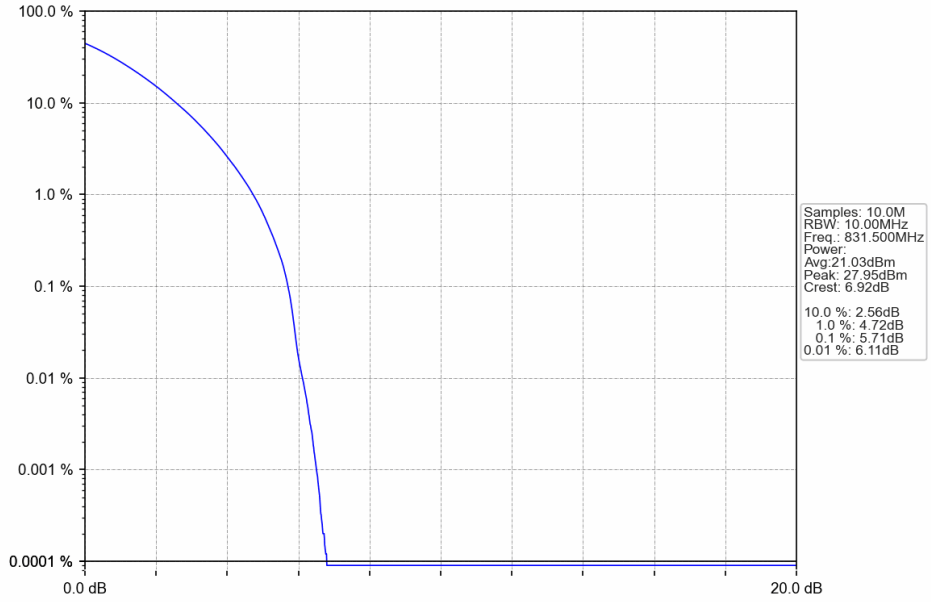
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	5.67	<=13	Pass
	831.5	75	0	5.71	<=13	Pass
	841.5	75	0	5.67	<=13	Pass
16QAM	821.5	75	0	6.39	<=13	Pass
	831.5	75	0	6.43	<=13	Pass
	841.5	75	0	6.44	<=13	Pass

5.1.2 Test Graph

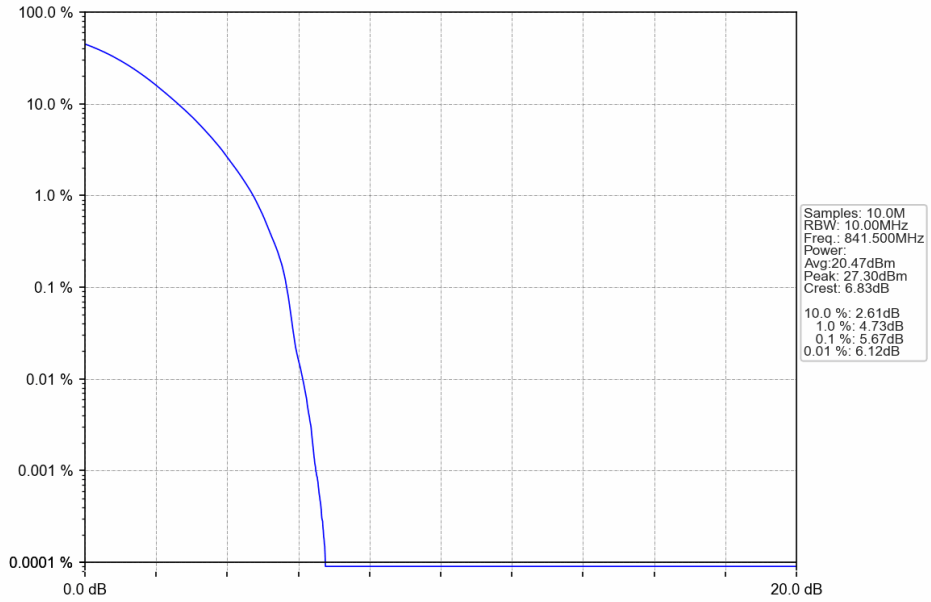
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



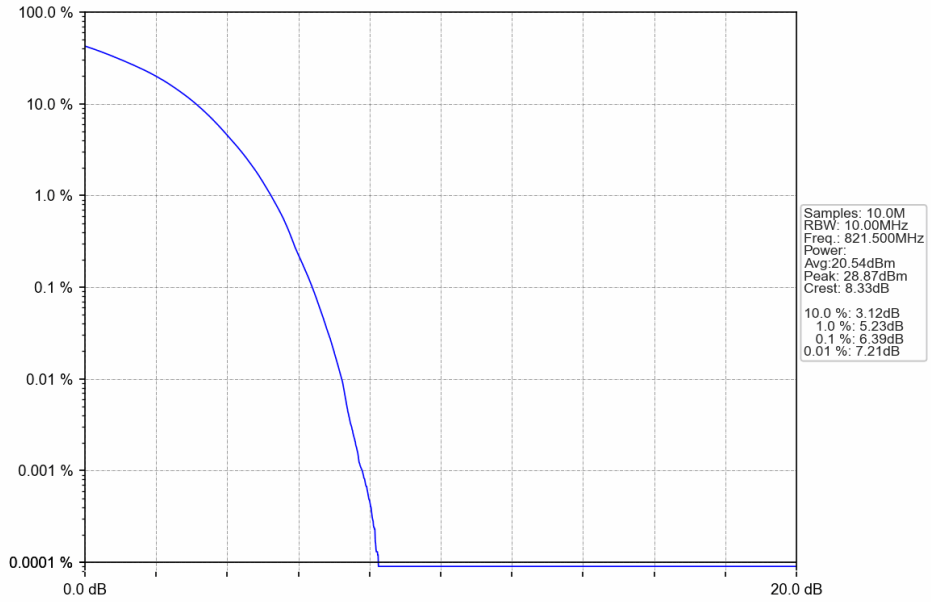
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



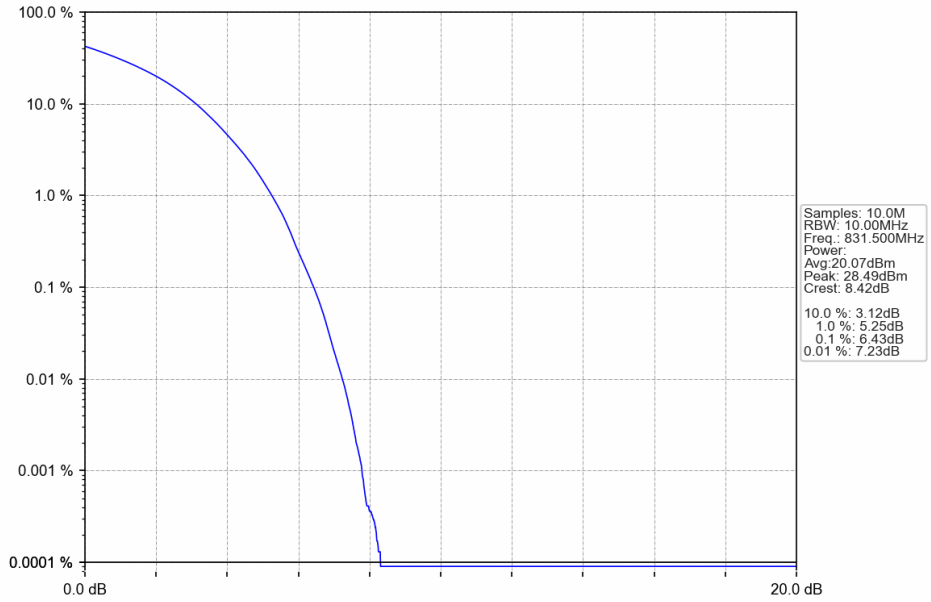
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



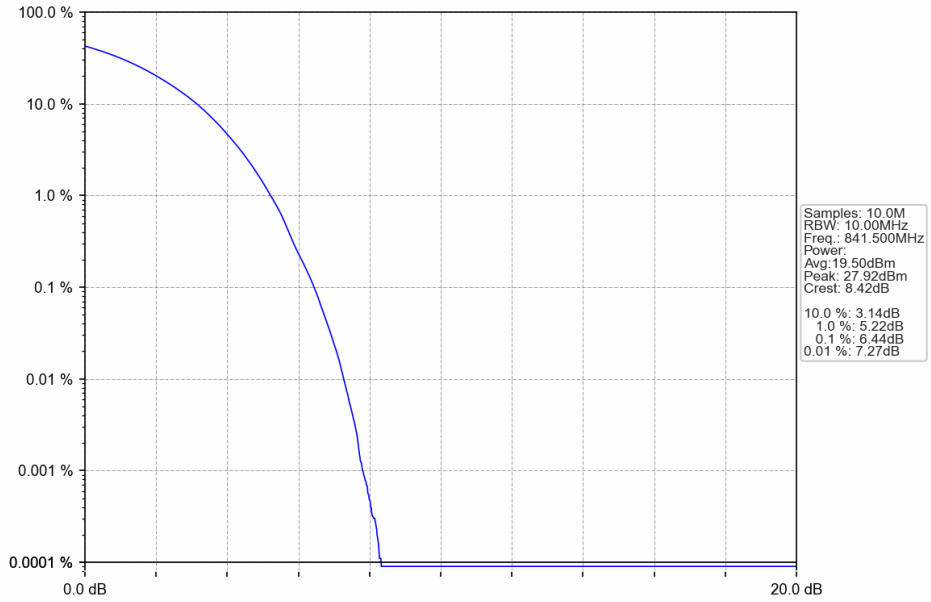
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



6. Spurious Emission

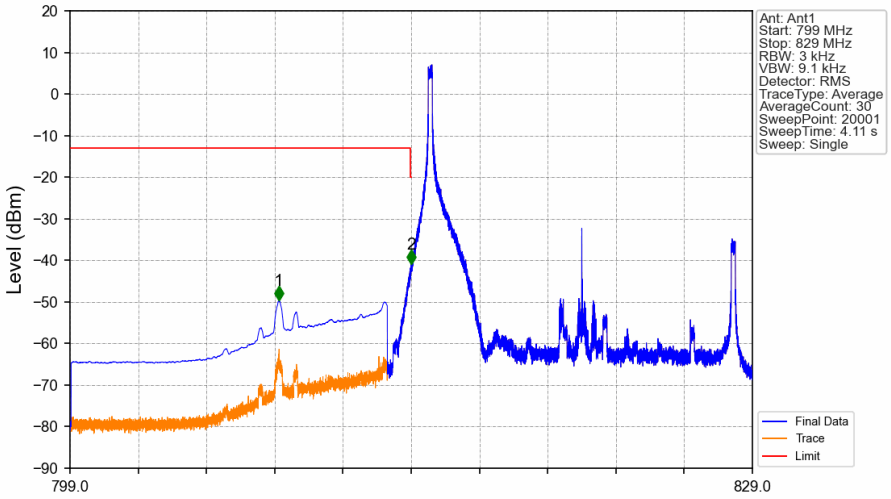
6.1 B26c_15MHz

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

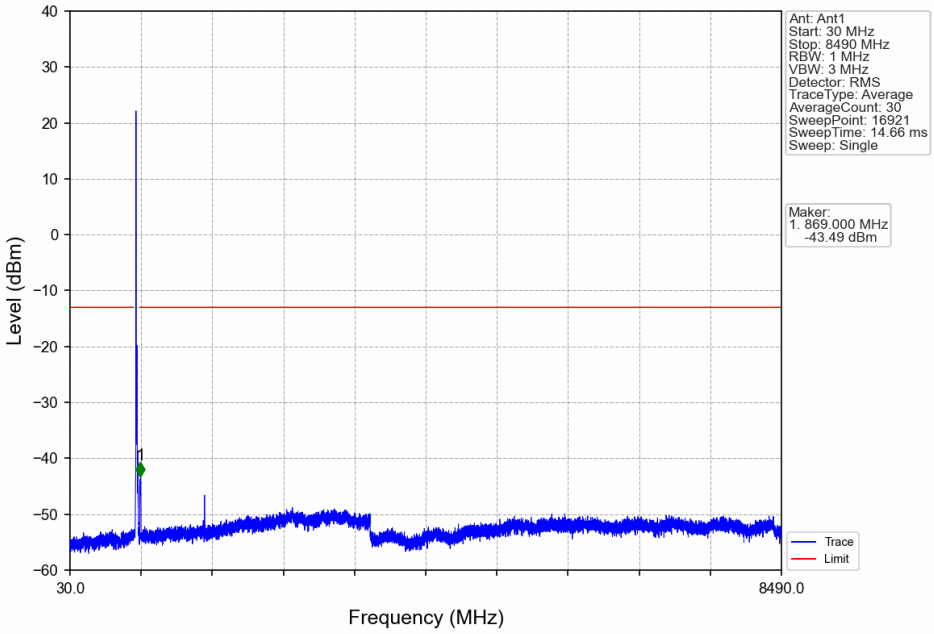
6.1.2 Test Graph

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

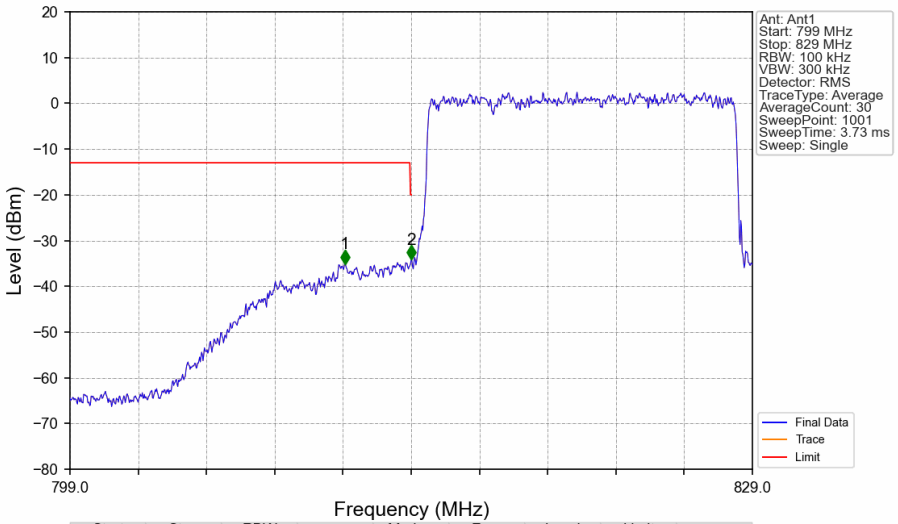


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	CHP	1	808.177	-49.73	-13	Pass
813	814	0.003	/	2	813.997	-40.96	-20	Pass
814	829	0.003	/	/	/	/	/	/

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

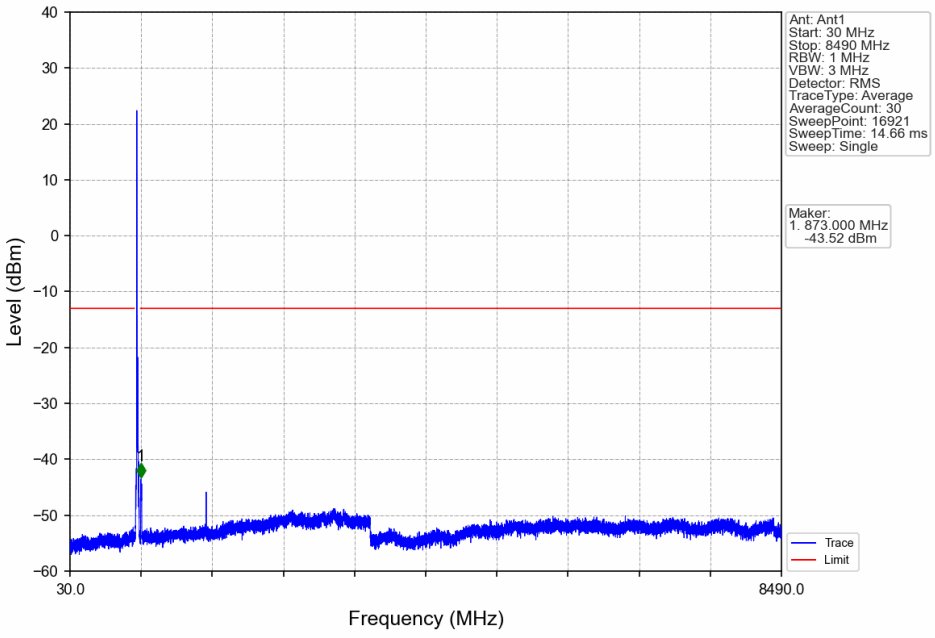


Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV

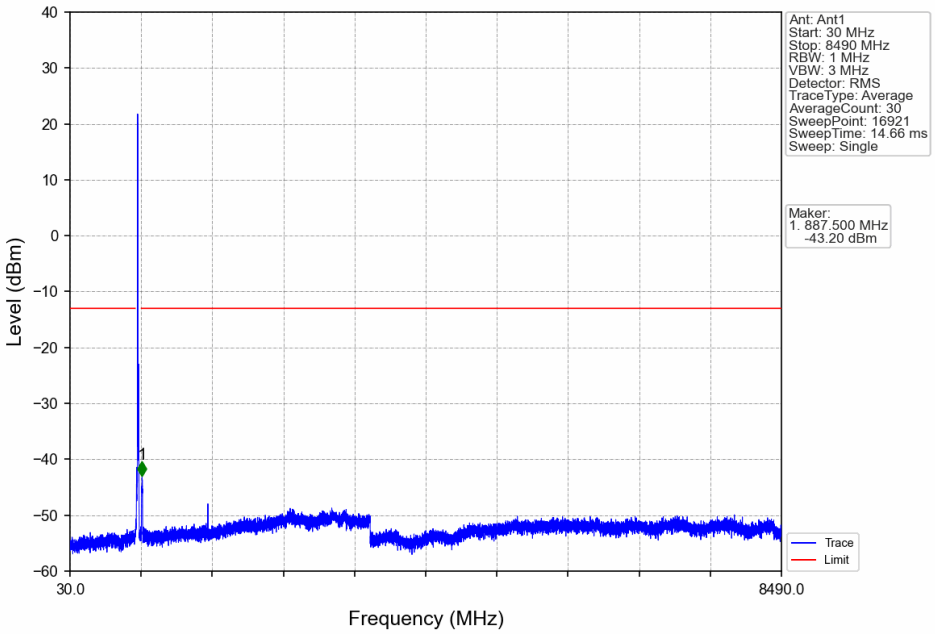


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	811.090	-35.11	-13	Pass
813	814	0.149	/	2	814.000	-34.21	-20	Pass
814	829	0.149	/	/	/	/	/	/

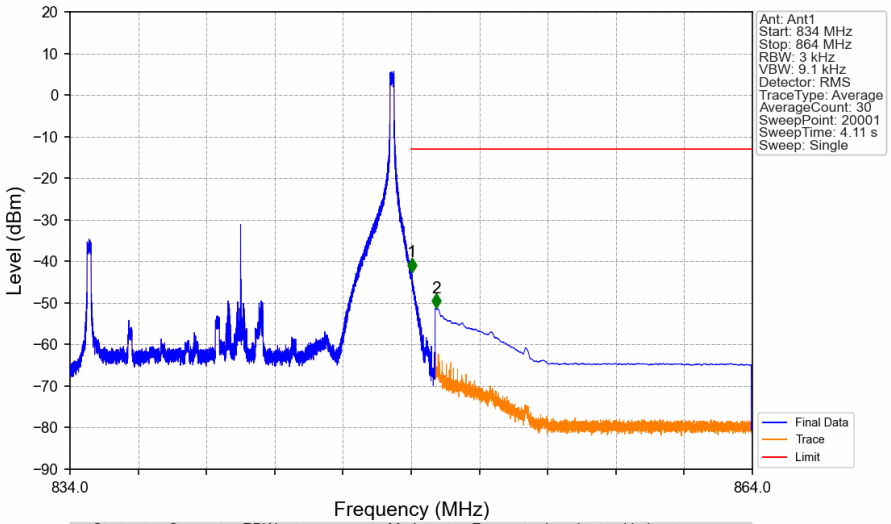
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV

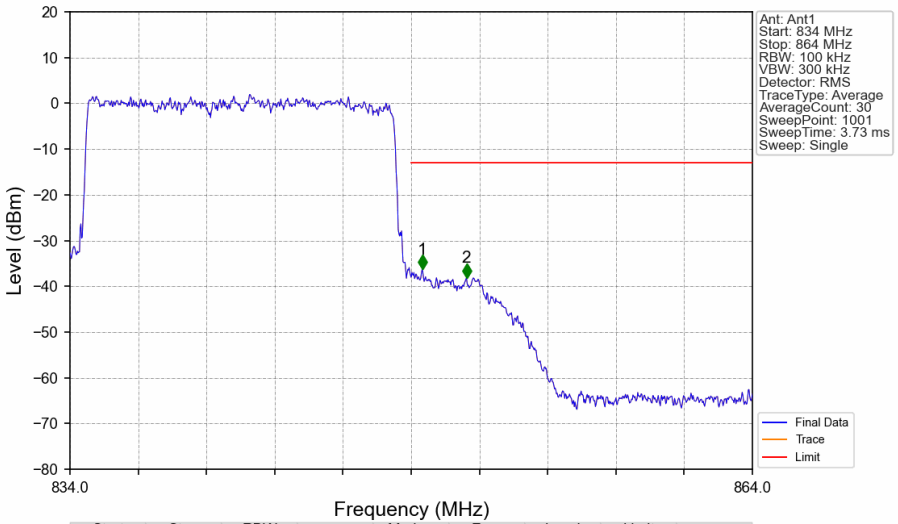


Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_74_NTNV



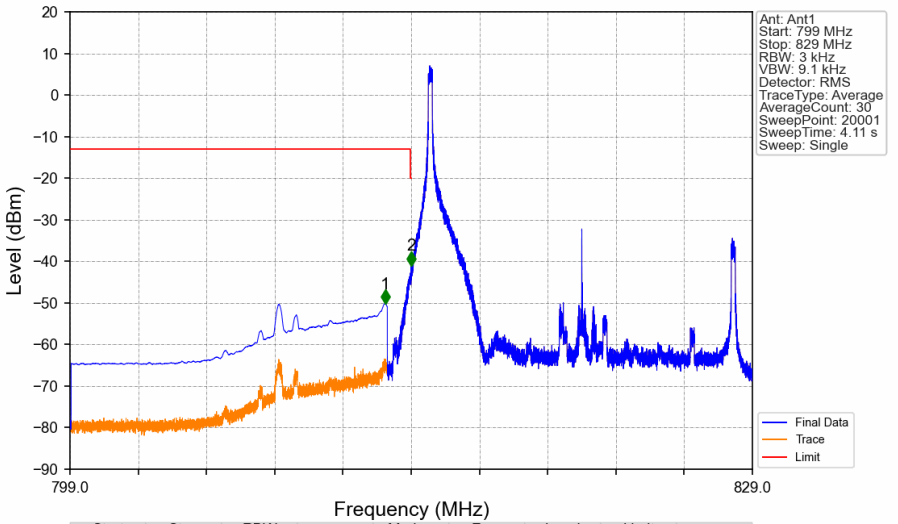
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.018	-42.57	-13	Pass
850	864	0.1	CHP	2	850.104	-51.29	-13	Pass

Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



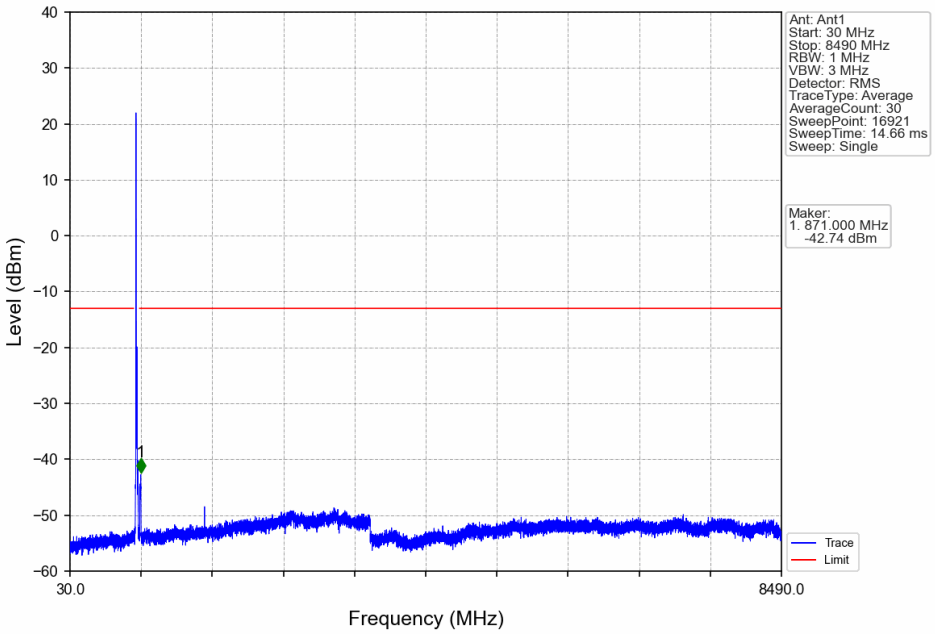
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.15	/	/	/	/	/	/
849	850	0.15	/	1	849.480	-36.30	-13	Pass
850	864	0.1	/	2	851.430	-38.14	-13	Pass

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

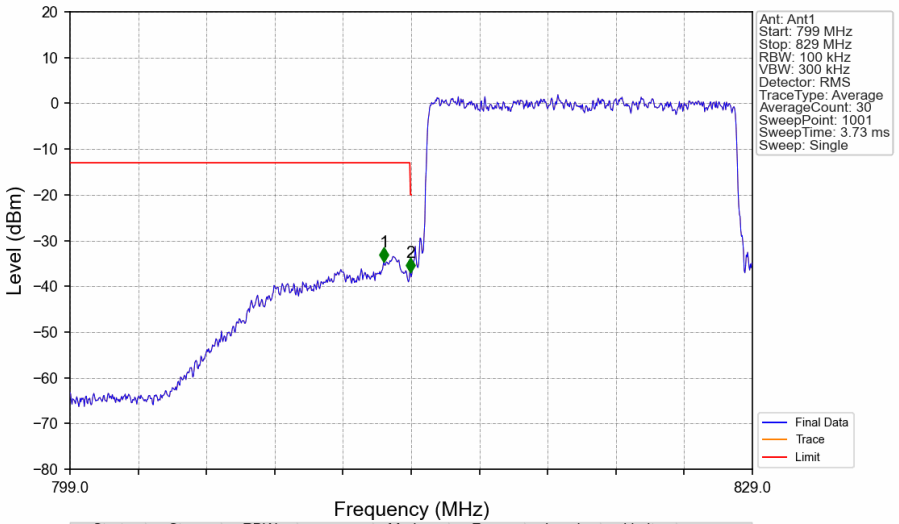


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	CHP	1	812.865	-50.17	-13	Pass
813	814	0.003	/	2	813.994	-41.02	-20	Pass
814	829	0.003	/	/	/	/	/	/

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

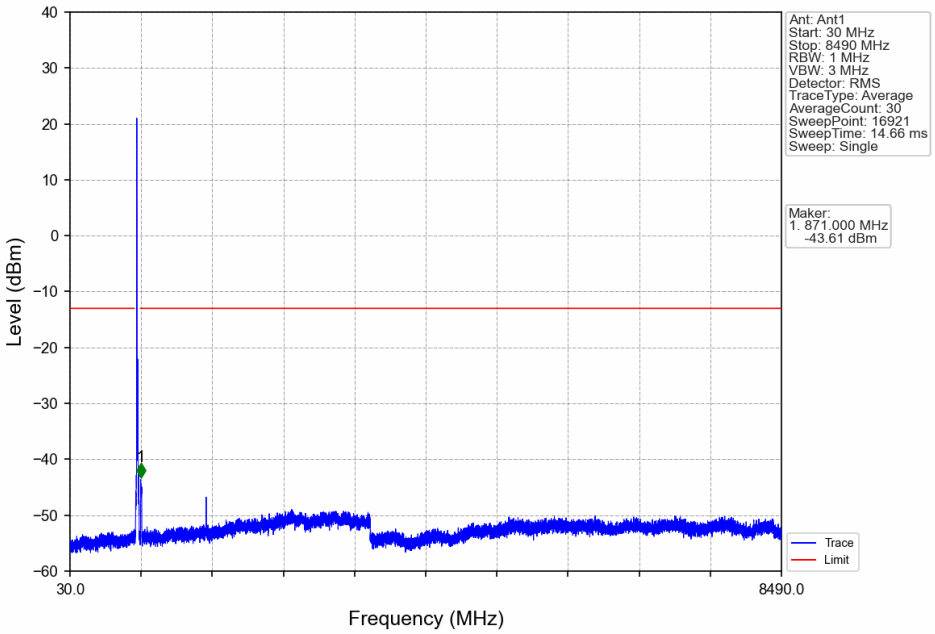


Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV

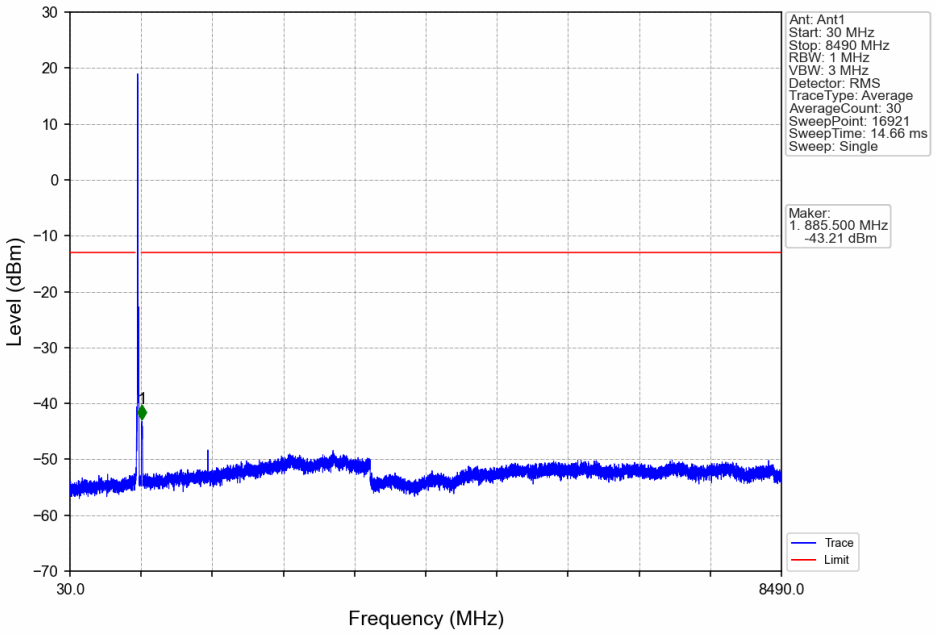


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.800	-34.63	-13	Pass
813	814	0.149	/	2	813.970	-36.91	-20	Pass
814	829	0.149	/	/	/	/	/	/

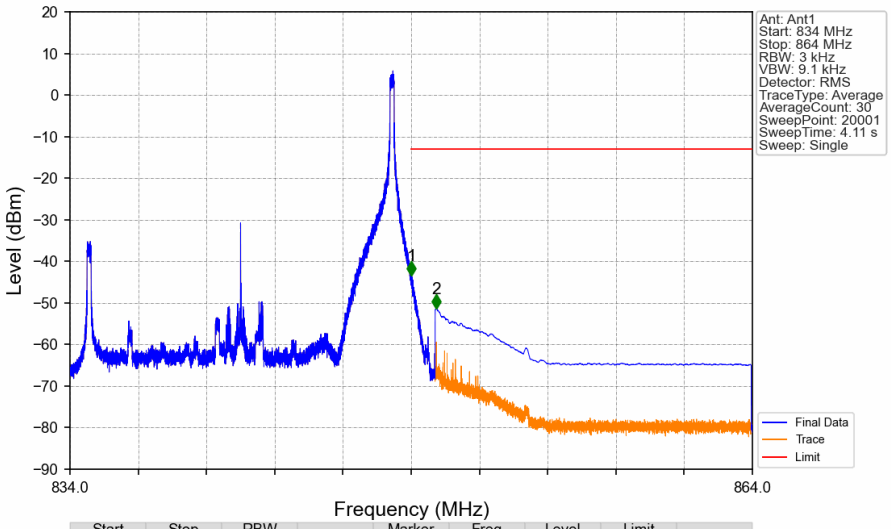
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_0_NTNV

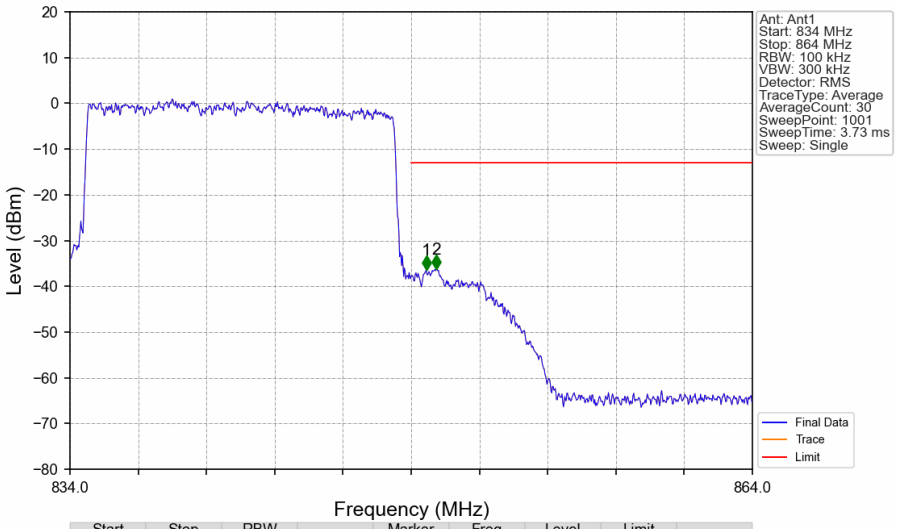


Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.012	-43.49	-13	Pass
850	864	0.1	CHP	2	850.107	-51.37	-13	Pass

Band26c_15MHz_16QAM_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	0.148	/	/	/	/	/	/
849	850	0.148	/	1	849.660	-36.51	-13	Pass
850	864	0.1	/	2	850.110	-36.20	-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	0.1714	0.0112	ppm	13M6G7D	/	22.34
26c	15	821.5	841.5	0.1585	0.0131	ppm	13M6W7D	/	22.00

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	0.0577	0.0112	ppm	13M6G7D	/	17.61
26c	15	821.5	841.5	0.0533	0.0131	ppm	13M6W7D	/	17.27