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	-3.2	18.5	<=38.45	Pass
			38	23.83	-3.2	18.48	<=38.45	Pass
			74	23.87	-3.2	18.52	<=38.45	Pass
		36	0	22.70	-3.2	17.35	<=38.45	Pass
			18	22.73	-3.2	17.38	<=38.45	Pass
			39	22.73	-3.2	17.38	<=38.45	Pass
		75	0	22.74	-3.2	17.39	<=38.45	Pass
	831.5	1	0	23.72	-3.2	18.37	<=38.45	Pass
			38	23.73	-3.2	18.38	<=38.45	Pass
			74	23.58	-3.2	18.23	<=38.45	Pass
		36	0	22.69	-3.2	17.34	<=38.45	Pass
			18	22.70	-3.2	17.35	<=38.45	Pass
			39	22.69	-3.2	17.34	<=38.45	Pass
		75	0	22.67	-3.2	17.32	<=38.45	Pass
	841.5	1	0	23.59	-3.2	18.24	<=38.45	Pass
			38	23.55	-3.2	18.2	<=38.45	Pass
			74	23.48	-3.2	18.13	<=38.45	Pass
		36	0	22.70	-3.2	17.35	<=38.45	Pass
			18	22.68	-3.2	17.33	<=38.45	Pass
			39	22.58	-3.2	17.23	<=38.45	Pass
		75	0	22.65	-3.2	17.3	<=38.45	Pass
16QAM	821.5	1	0	22.35	-3.2	17	<=38.45	Pass
			38	22.58	-3.2	17.23	<=38.45	Pass
			74	22.28	-3.2	16.93	<=38.45	Pass
		36	0	21.04	-3.2	15.69	<=38.45	Pass
			18	21.17	-3.2	15.82	<=38.45	Pass
			39	21.05	-3.2	15.7	<=38.45	Pass
		75	0	21.10	-3.2	15.75	<=38.45	Pass
	831.5	1	0	22.16	-3.2	16.81	<=38.45	Pass
			38	22.33	-3.2	16.98	<=38.45	Pass
			74	22.14	-3.2	16.79	<=38.45	Pass
		36	0	20.92	-3.2	15.57	<=38.45	Pass
			18	20.98	-3.2	15.63	<=38.45	Pass
			39	20.86	-3.2	15.51	<=38.45	Pass
		75	0	20.91	-3.2	15.56	<=38.45	Pass
	841.5	1	0	21.98	-3.2	16.63	<=38.45	Pass
			38	22.01	-3.2	16.66	<=38.45	Pass
			74	21.88	-3.2	16.53	<=38.45	Pass
		36	0	21.00	-3.2	15.65	<=38.45	Pass
			18	20.98	-3.2	15.63	<=38.45	Pass
			39	20.92	-3.2	15.57	<=38.45	Pass
		75	0	20.95	-3.2	15.6	<=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	3.23	-1.402	-0.0017	-2.5 to 2.5	Pass
					3.8	-3.519	-0.0043	-2.5 to 2.5	Pass
					4.37	-1.044	-0.0013	-2.5 to 2.5	Pass
				-30	3.8	-2.718	-0.0033	-2.5 to 2.5	Pass
				-20	3.8	-0.830	-0.0010	-2.5 to 2.5	Pass
				-10	3.8	-2.260	-0.0028	-2.5 to 2.5	Pass
				0	3.8	-2.775	-0.0034	-2.5 to 2.5	Pass
				10	3.8	-2.618	-0.0032	-2.5 to 2.5	Pass
				30	3.8	-2.232	-0.0027	-2.5 to 2.5	Pass
				40	3.8	-3.090	-0.0038	-2.5 to 2.5	Pass
				50	3.8	-1.416	-0.0017	-2.5 to 2.5	Pass
	831.5	75	0	20	3.23	-0.701	-0.0008	-2.5 to 2.5	Pass
					3.8	-0.143	-0.0002	-2.5 to 2.5	Pass
					4.37	0.315	0.0004	-2.5 to 2.5	Pass
				-30	3.8	-1.602	-0.0019	-2.5 to 2.5	Pass
				-20	3.8	-0.844	-0.0010	-2.5 to 2.5	Pass
				-10	3.8	-0.916	-0.0011	-2.5 to 2.5	Pass
				0	3.8	-0.687	-0.0008	-2.5 to 2.5	Pass
				10	3.8	-0.529	-0.0006	-2.5 to 2.5	Pass
				30	3.8	-2.117	-0.0025	-2.5 to 2.5	Pass
				40	3.8	0.343	0.0004	-2.5 to 2.5	Pass
				50	3.8	0.372	0.0004	-2.5 to 2.5	Pass
	841.5	75	0	20	3.23	0.744	0.0009	-2.5 to 2.5	Pass
					3.8	-0.200	-0.0002	-2.5 to 2.5	Pass
					4.37	-0.801	-0.0010	-2.5 to 2.5	Pass
				-30	3.8	1.130	0.0013	-2.5 to 2.5	Pass
				-20	3.8	0.186	0.0002	-2.5 to 2.5	Pass
				-10	3.8	-0.129	-0.0002	-2.5 to 2.5	Pass
				0	3.8	0.730	0.0009	-2.5 to 2.5	Pass
				10	3.8	0.587	0.0007	-2.5 to 2.5	Pass
				30	3.8	-0.014	0.0000	-2.5 to 2.5	Pass
				40	3.8	0.114	0.0001	-2.5 to 2.5	Pass
				50	3.8	0.072	0.0001	-2.5 to 2.5	Pass
16QAM	821.5	75	0	20	3.23	-1.845	-0.0022	-2.5 to 2.5	Pass
					3.8	-2.804	-0.0034	-2.5 to 2.5	Pass
					4.37	-2.003	-0.0024	-2.5 to 2.5	Pass
				-30	3.8	-0.901	-0.0011	-2.5 to 2.5	Pass
				-20	3.8	-1.917	-0.0023	-2.5 to 2.5	Pass
				-10	3.8	-2.775	-0.0034	-2.5 to 2.5	Pass
				0	3.8	-0.672	-0.0008	-2.5 to 2.5	Pass
				10	3.8	-2.017	-0.0025	-2.5 to 2.5	Pass
				30	3.8	-1.202	-0.0015	-2.5 to 2.5	Pass
				40	3.8	-1.073	-0.0013	-2.5 to 2.5	Pass
				50	3.8	-1.287	-0.0016	-2.5 to 2.5	Pass

	831.5	75	0	20	3.23	-1.359	-0.0016	-2.5 to 2.5	Pass
					3.8	0.730	0.0009	-2.5 to 2.5	Pass
					4.37	-0.129	-0.0002	-2.5 to 2.5	Pass
				-30	3.8	-2.918	-0.0035	-2.5 to 2.5	Pass
				-20	3.8	-3.691	-0.0044	-2.5 to 2.5	Pass
				-10	3.8	1.216	0.0015	-2.5 to 2.5	Pass
				0	3.8	-1.674	-0.0020	-2.5 to 2.5	Pass
				10	3.8	-1.245	-0.0015	-2.5 to 2.5	Pass
				30	3.8	-0.958	-0.0012	-2.5 to 2.5	Pass
				40	3.8	-1.316	-0.0016	-2.5 to 2.5	Pass
				50	3.8	-1.216	-0.0015	-2.5 to 2.5	Pass
	841.5	75	0	20	3.23	-1.259	-0.0015	-2.5 to 2.5	Pass
					3.8	-0.372	-0.0004	-2.5 to 2.5	Pass
					4.37	1.273	0.0015	-2.5 to 2.5	Pass
				-30	3.8	0.215	0.0003	-2.5 to 2.5	Pass
				-20	3.8	1.059	0.0013	-2.5 to 2.5	Pass
				-10	3.8	-1.116	-0.0013	-2.5 to 2.5	Pass
				0	3.8	-1.616	-0.0019	-2.5 to 2.5	Pass
				10	3.8	-0.544	-0.0006	-2.5 to 2.5	Pass
				30	3.8	0.529	0.0006	-2.5 to 2.5	Pass
				40	3.8	0.572	0.0007	-2.5 to 2.5	Pass
				50	3.8	1.273	0.0015	-2.5 to 2.5	Pass

3. Modulation Characteristics

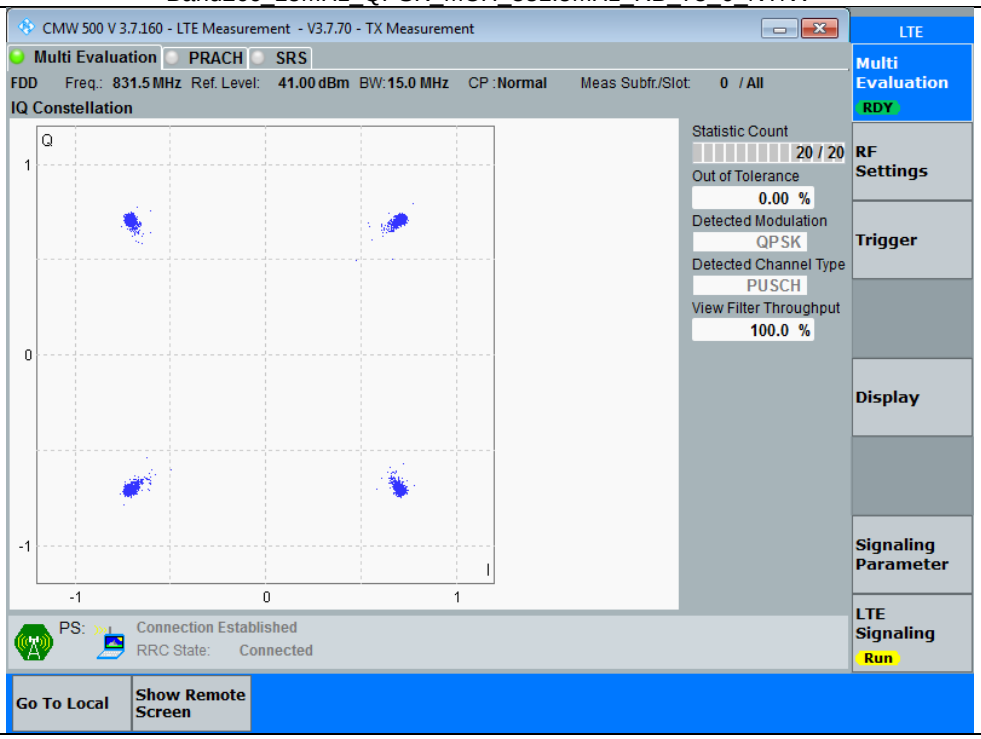
3.1 B26c_15MHz

3.1.1 Test Result

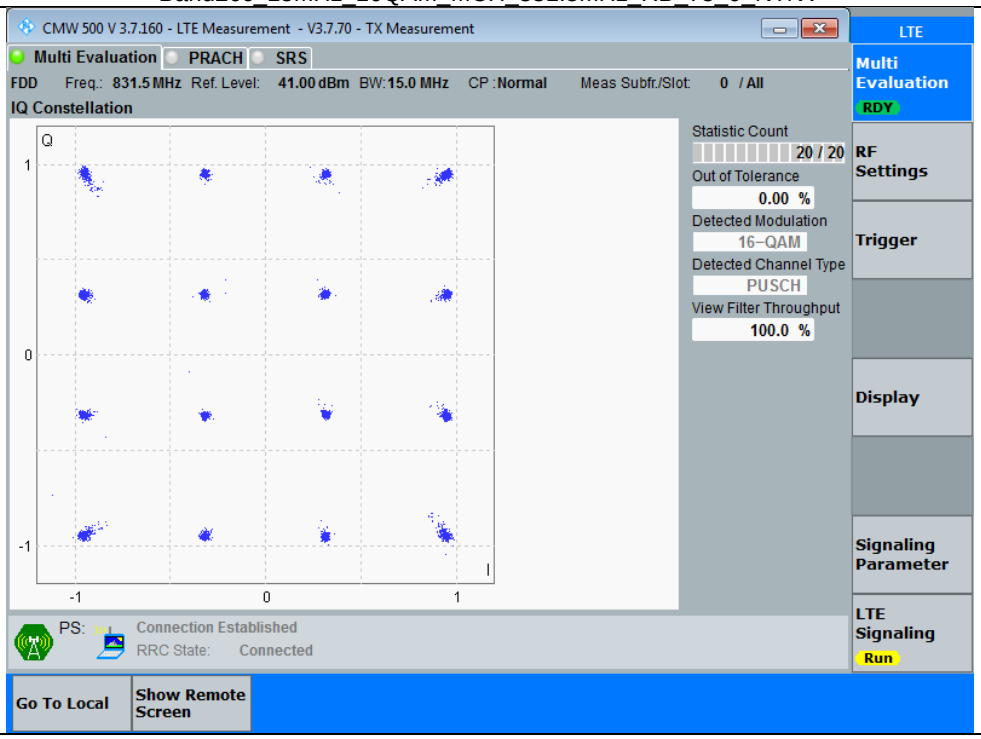
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	75	0	Refer To Test Graph		Pass
16QAM	831.5	75	0	Refer To Test Graph		Pass

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

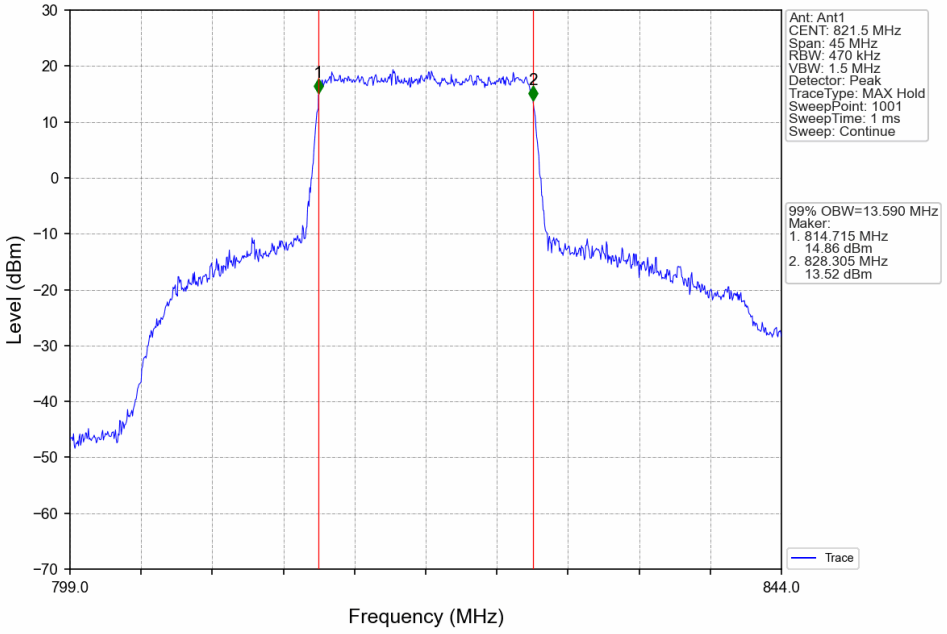
4.1 Band26c_OBW

4.1.1 Test Result

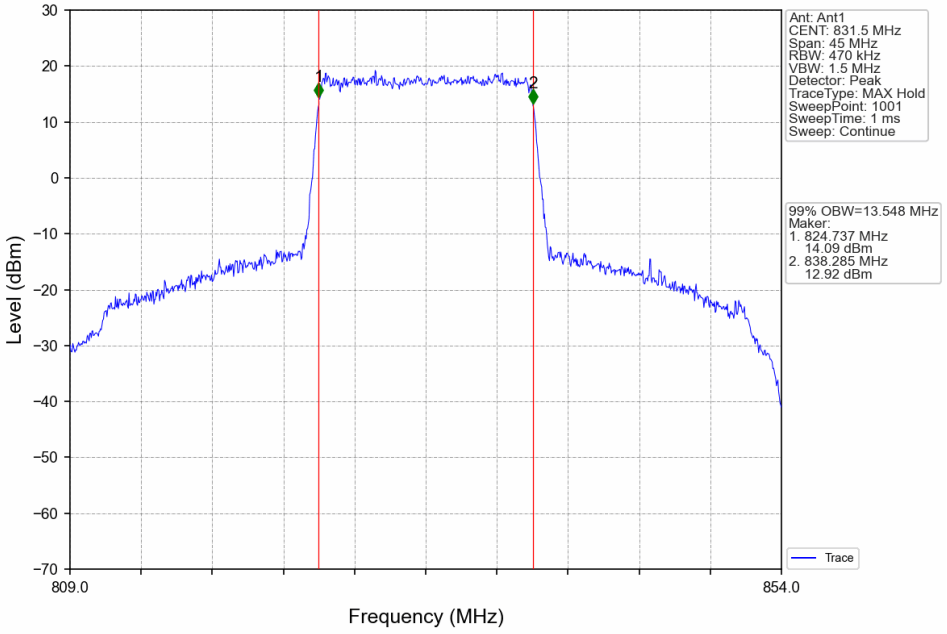
Band: 26c / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	13.590	Pass
		831.5	75	0	13.548	Pass
		841.5	75	0	13.584	Pass
	16QAM	821.5	75	0	13.618	Pass
		831.5	75	0	13.614	Pass
		841.5	75	0	13.568	Pass

4.1.2 Test Graph

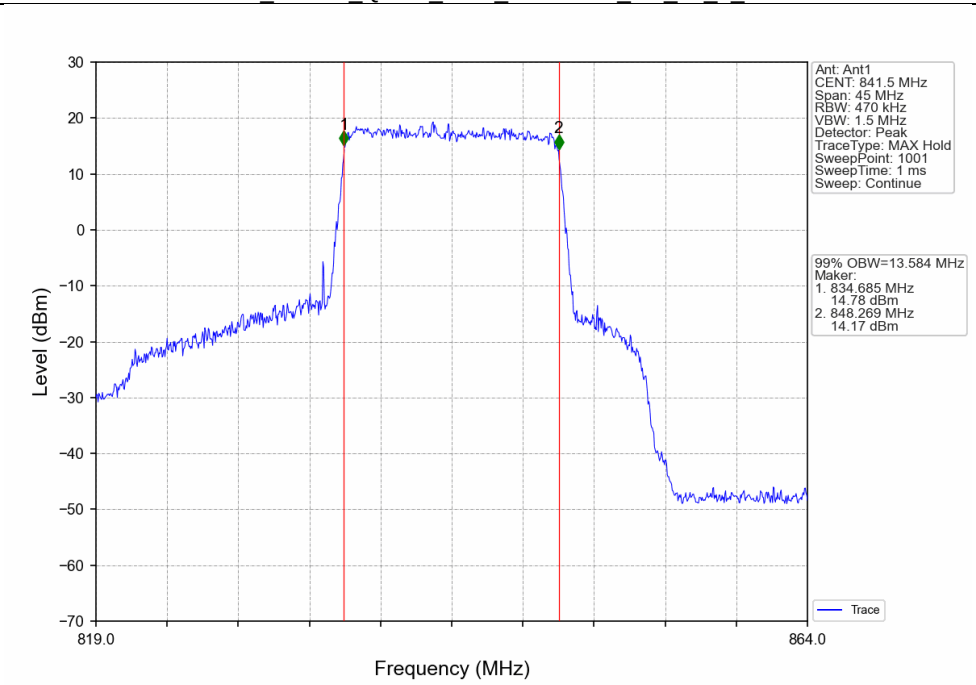
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



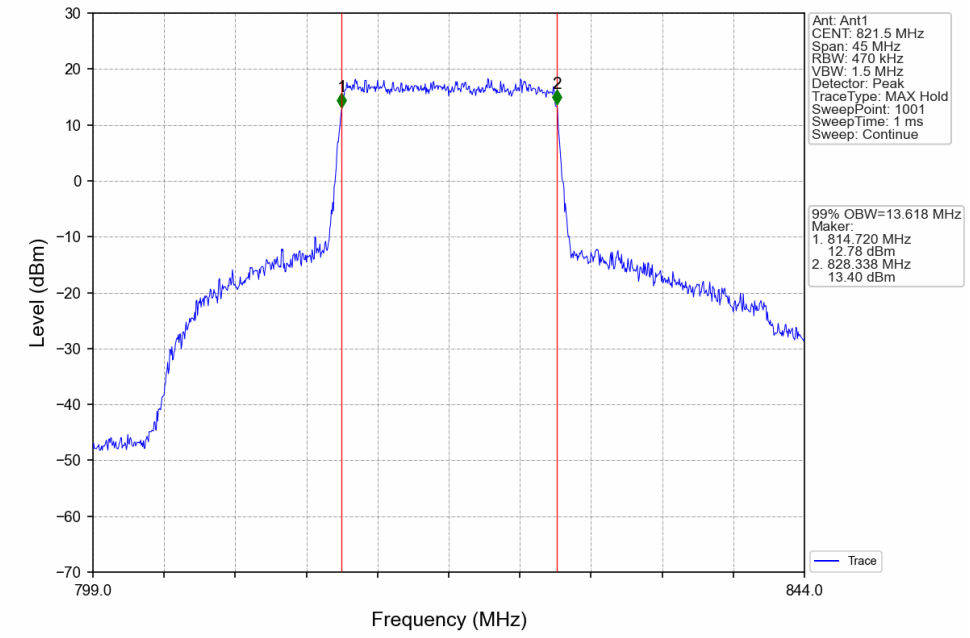
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



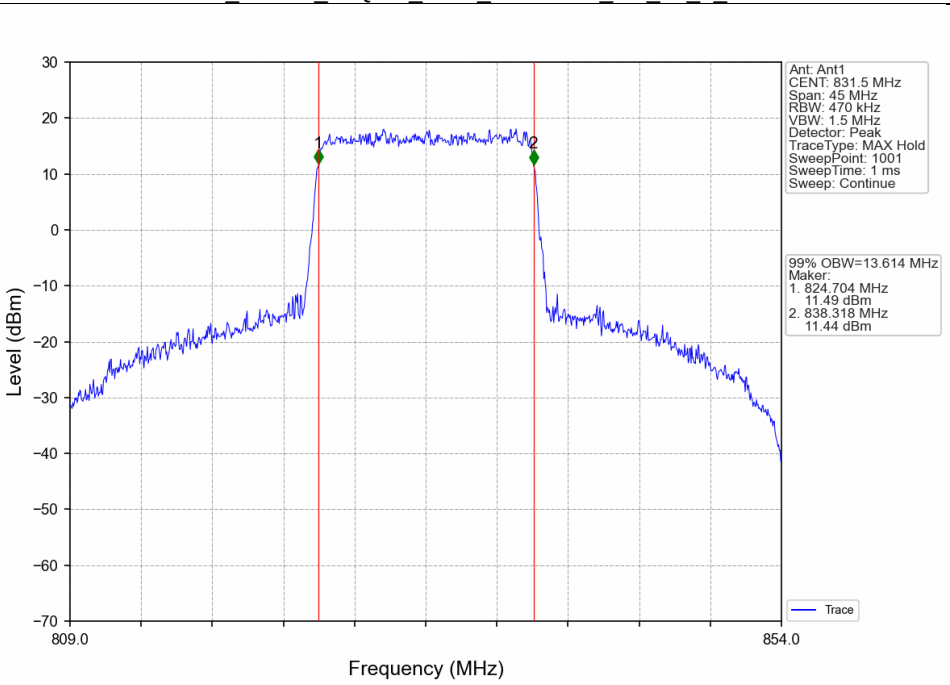
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



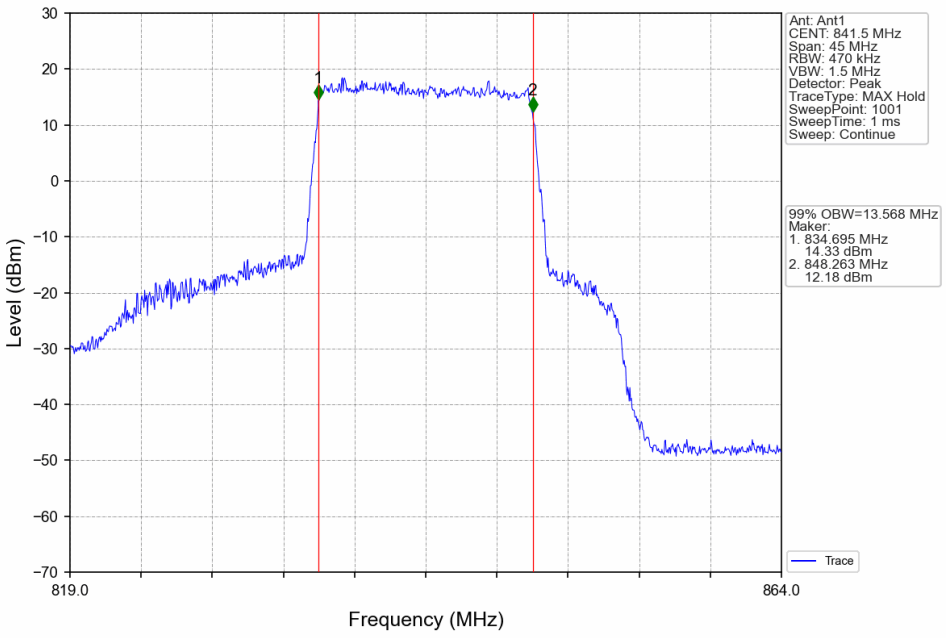
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



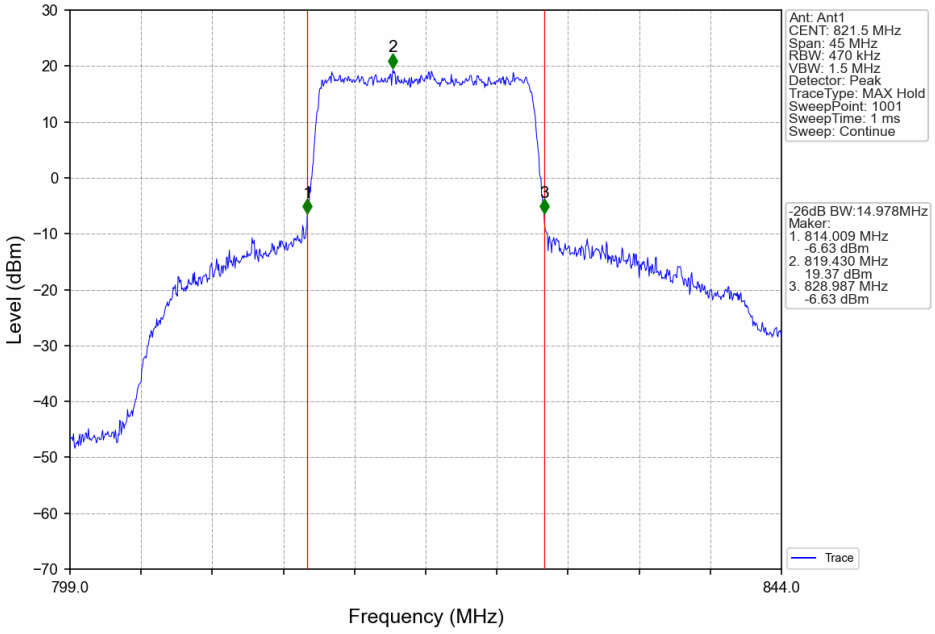
4.2 Band26c_XDB

4.2.1 Test Result

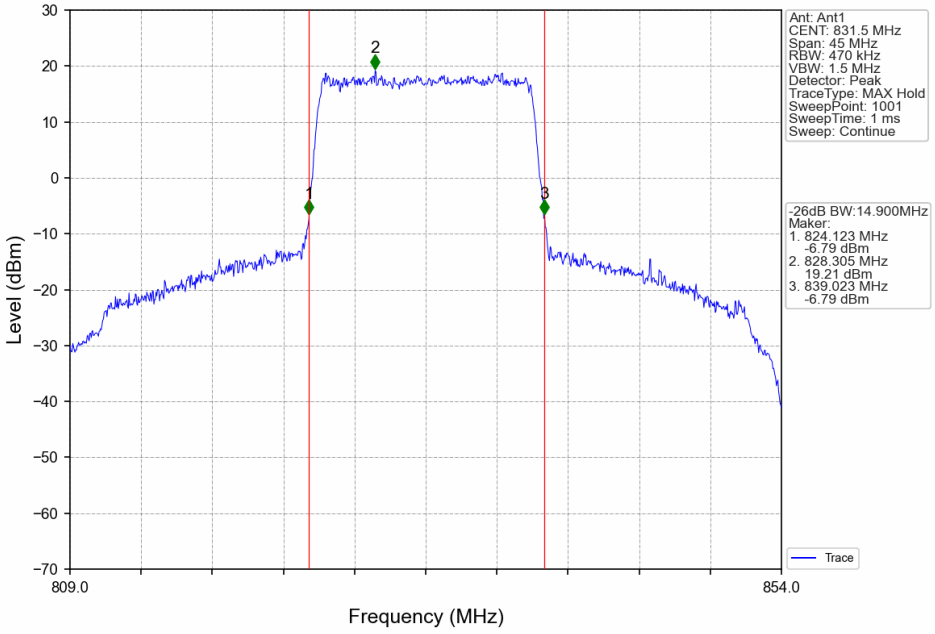
Band: 26c / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	14.978	Pass
		831.5	75	0	14.900	Pass
		841.5	75	0	15.584	Pass
	16QAM	821.5	75	0	14.962	Pass
		831.5	75	0	14.973	Pass
		841.5	75	0	15.008	Pass

4.2.2 Test Graph

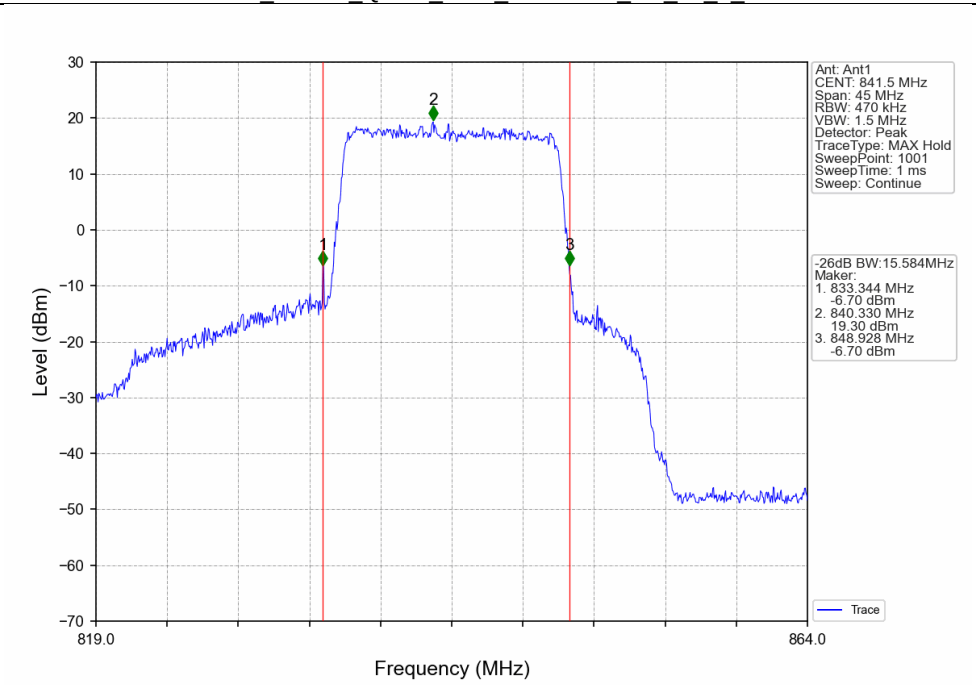
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



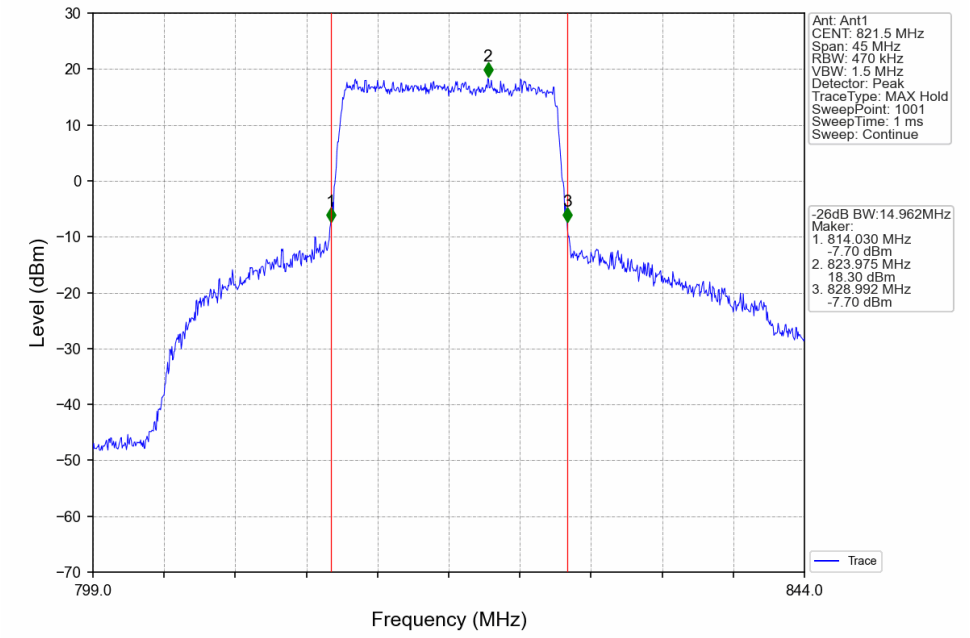
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



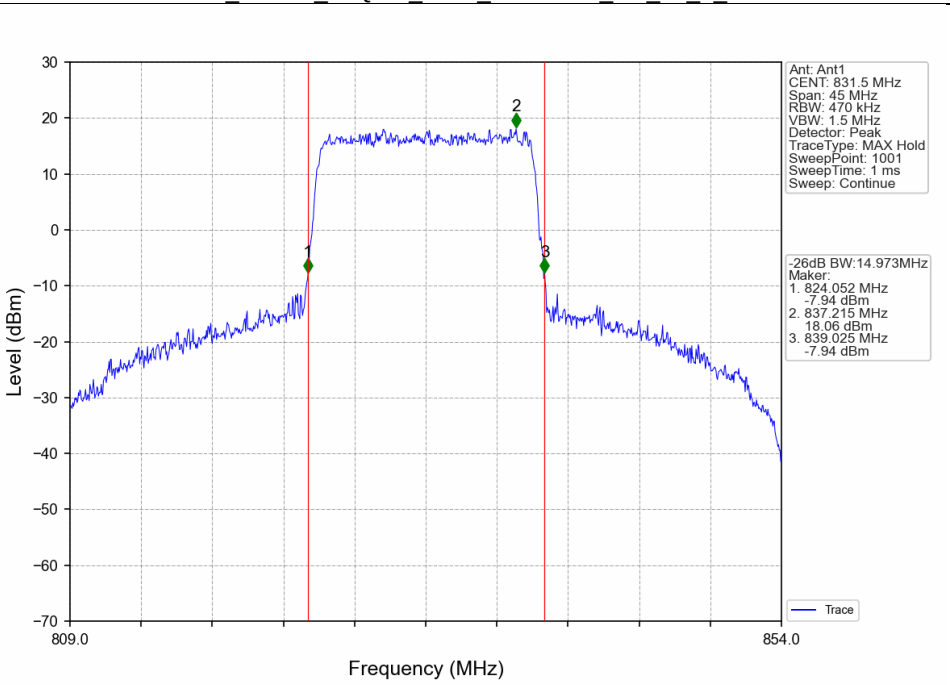
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



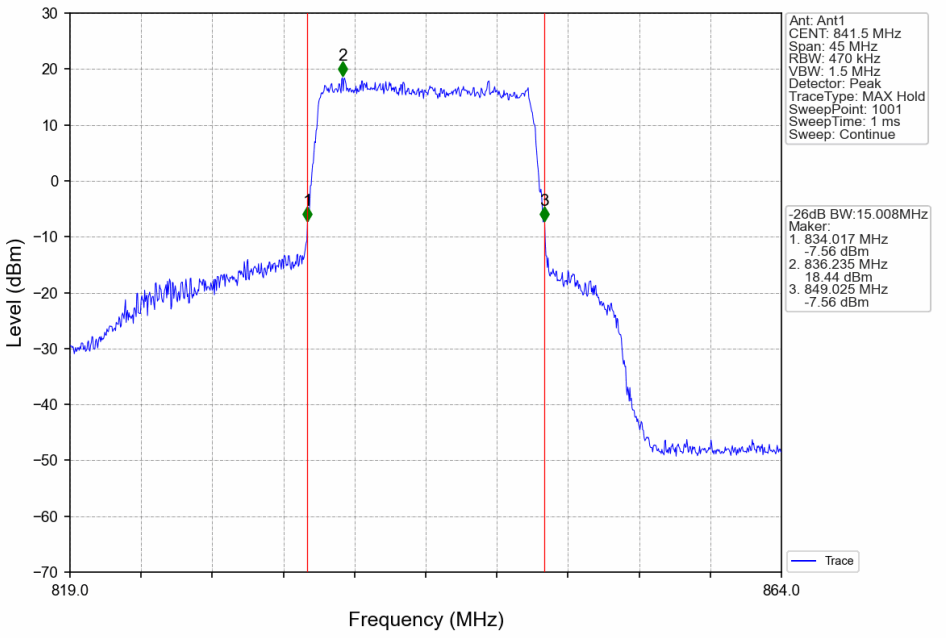
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



5. Peak-Average Ratio

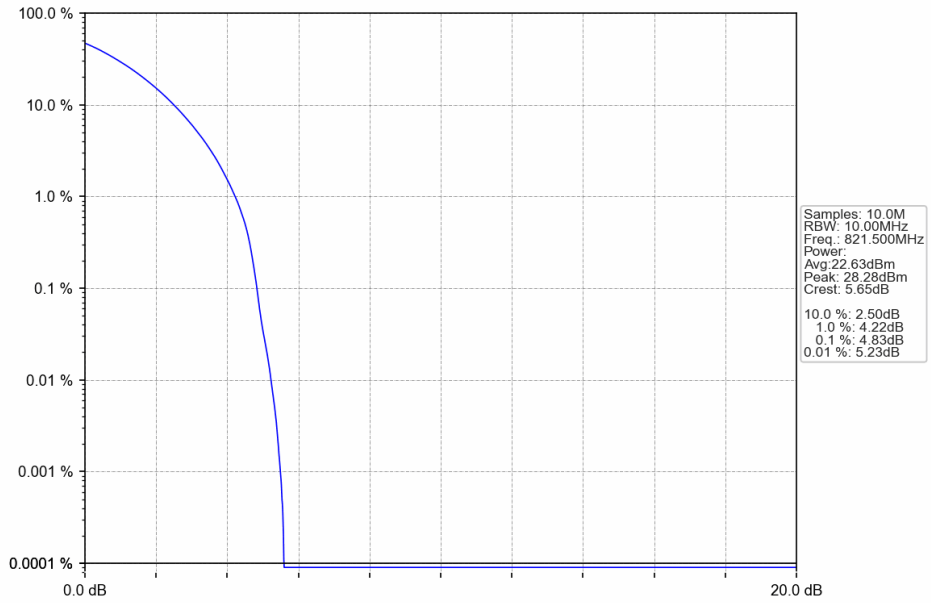
5.1 B26c_15MHz

5.1.1 Test Result

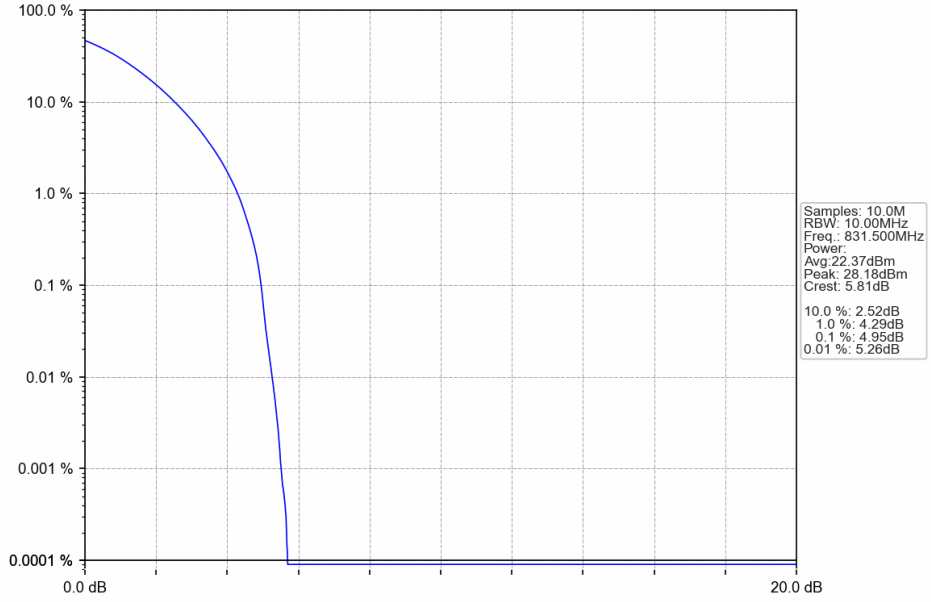
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	4.83	<=13	Pass
	831.5	75	0	4.95	<=13	Pass
	841.5	75	0	4.93	<=13	Pass
16QAM	821.5	75	0	5.60	<=13	Pass
	831.5	75	0	5.75	<=13	Pass
	841.5	75	0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

5.1.2 Test Graph

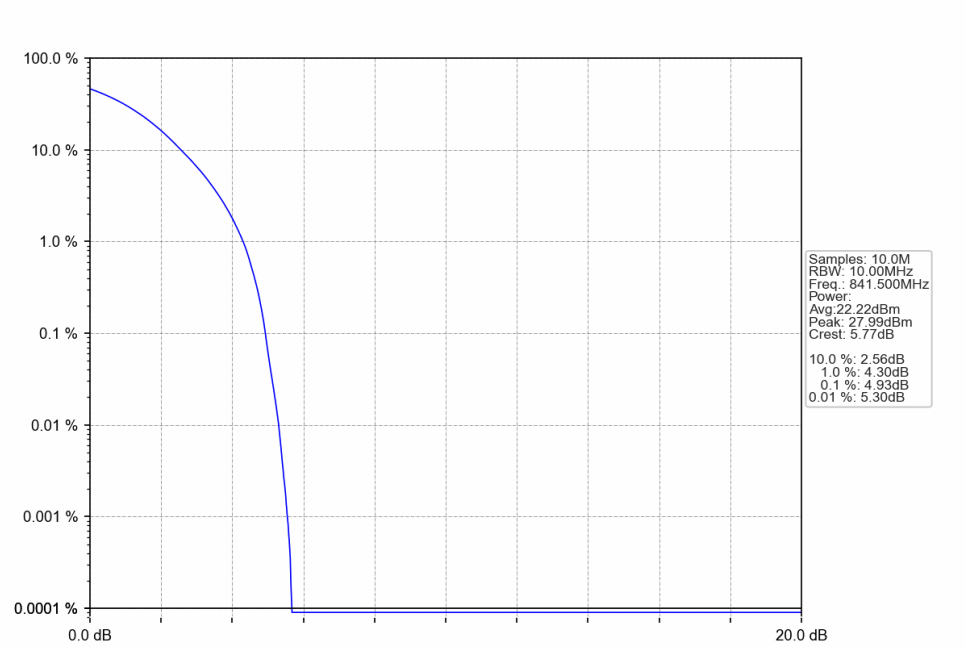
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



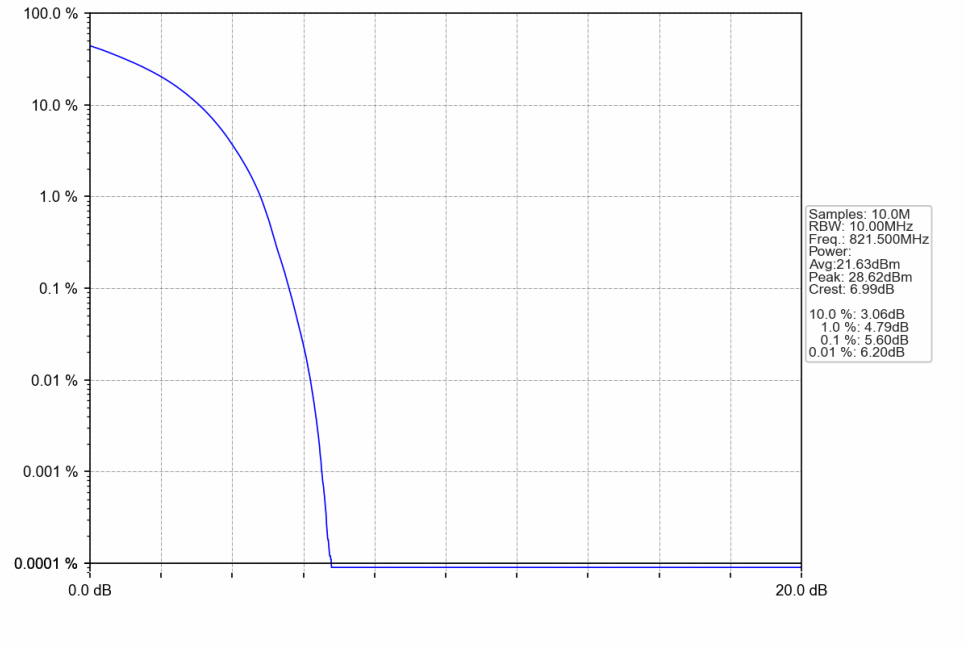
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



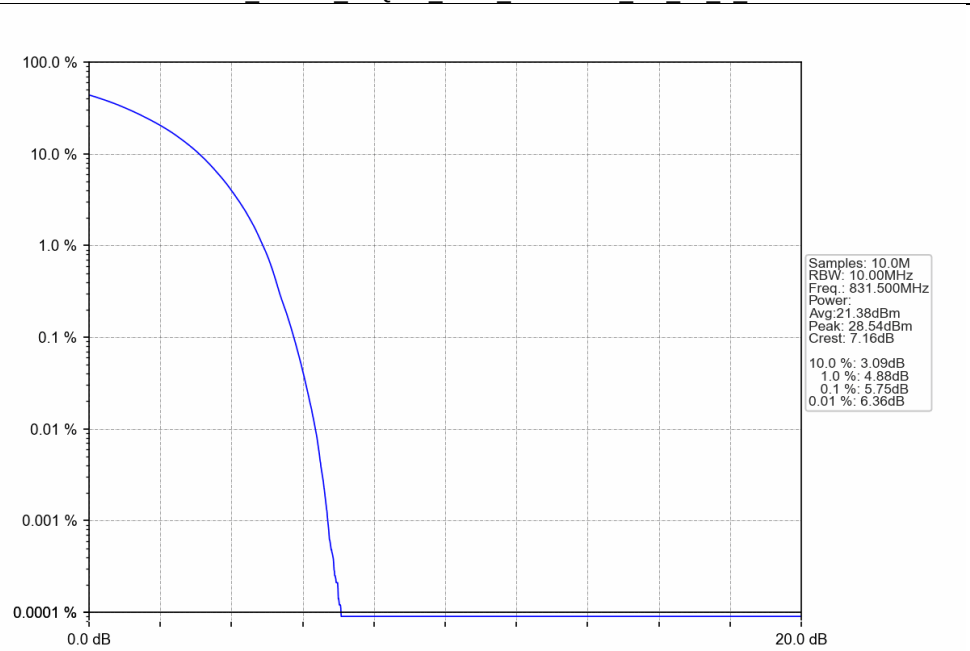
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



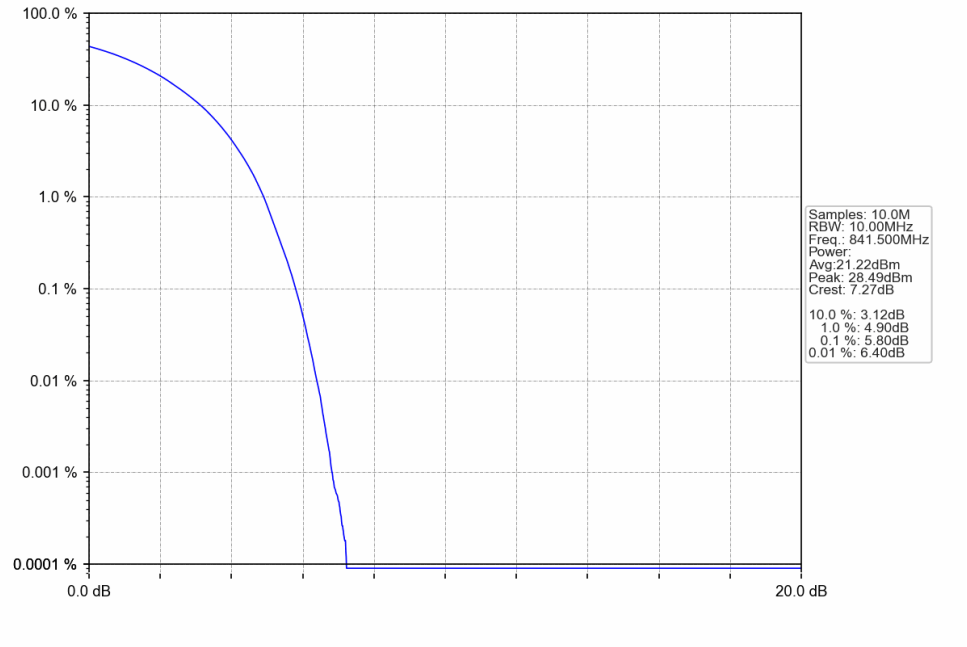
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



6. Spurious Emission

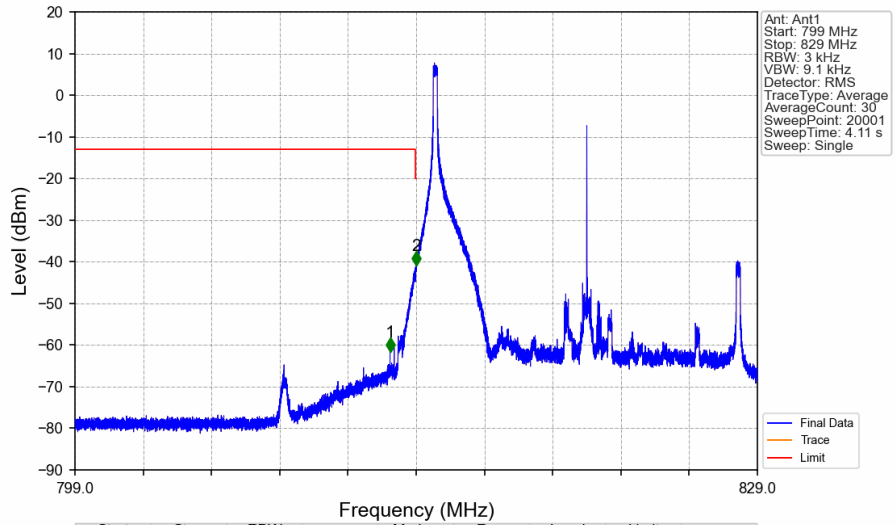
6.1 B26c_15MHz

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

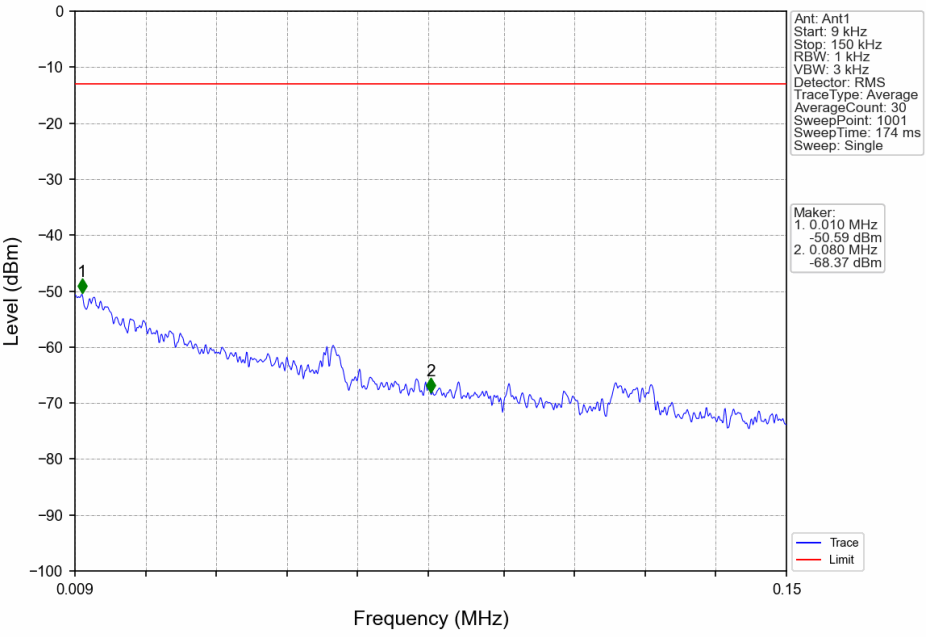
6.1.2 Test Graph

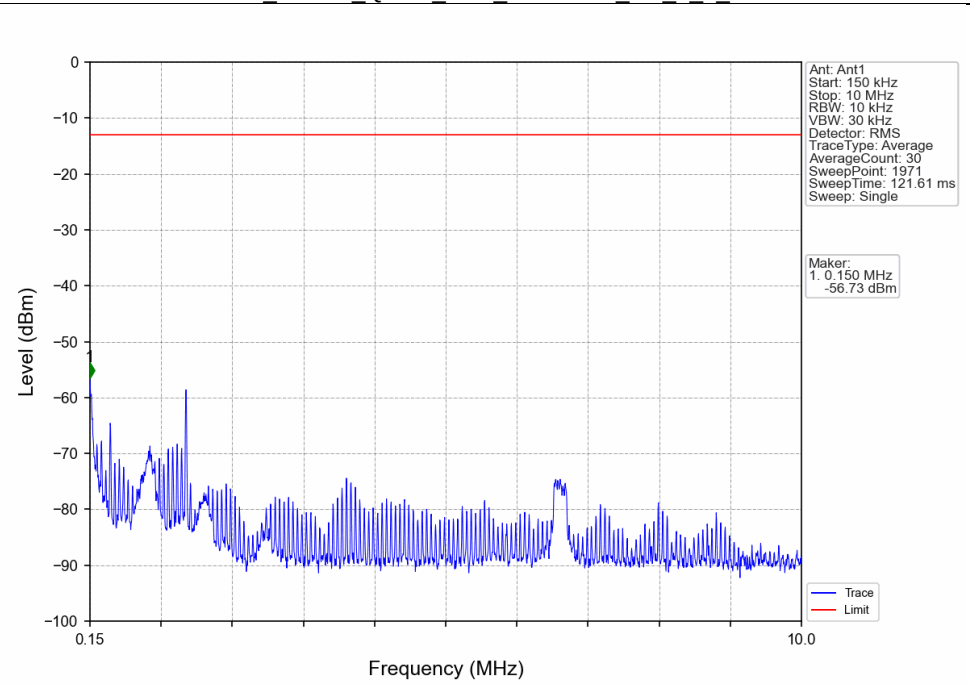
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

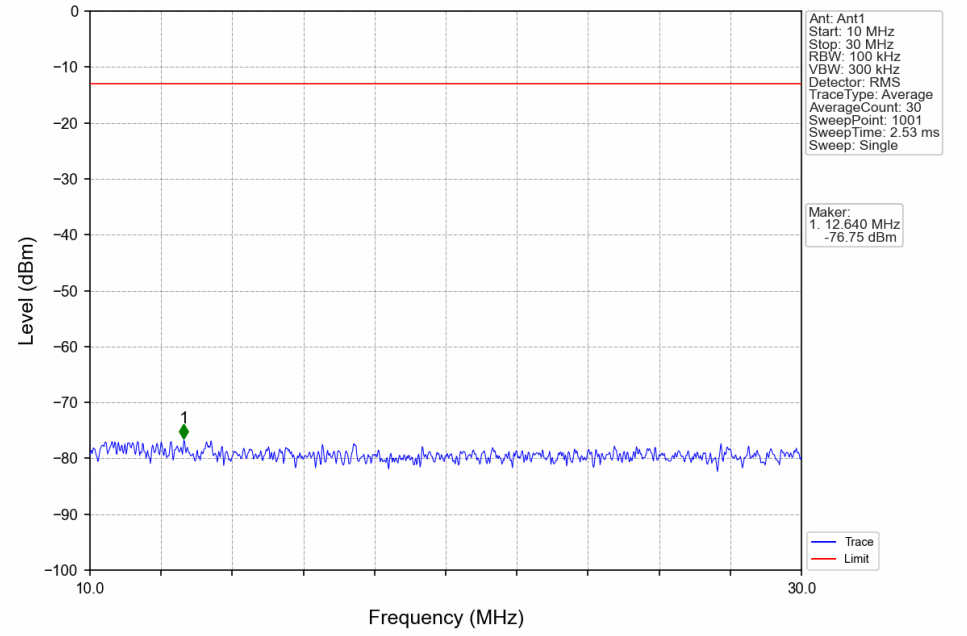


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.848	-61.71	-13	Pass
813	814	0.003	/	2	813.997	-40.87	-20	Pass
814	829	0.003	/	/	/	/	/	/

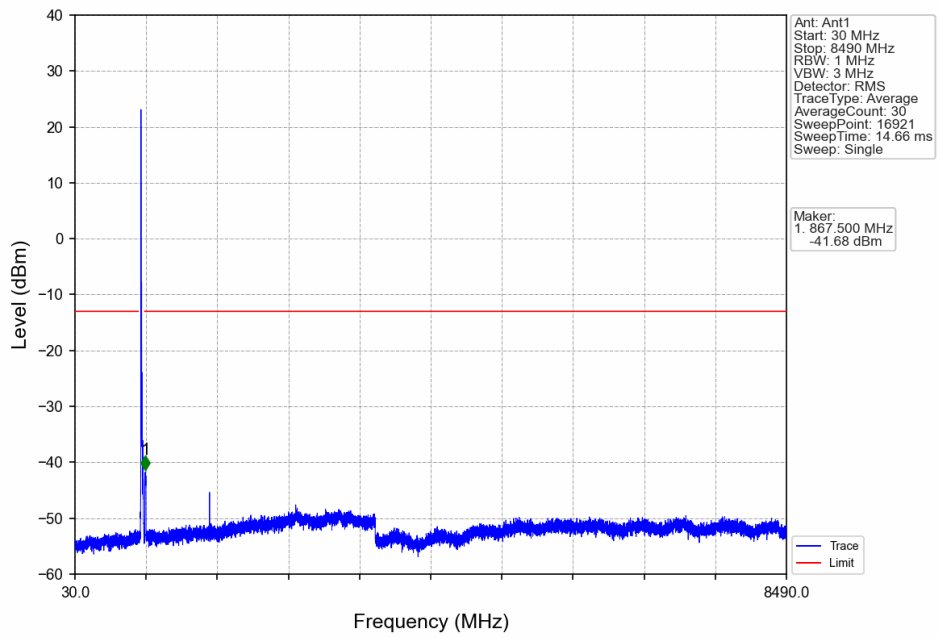
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV



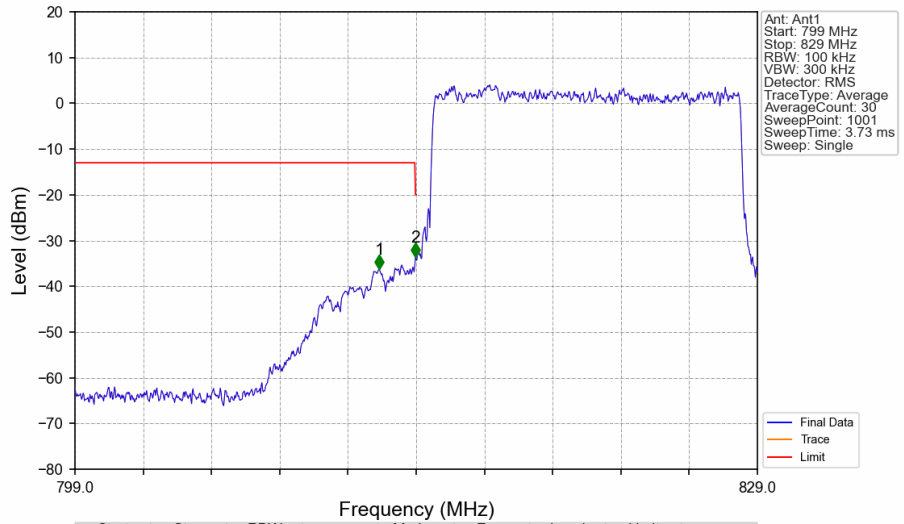
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV


Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV


Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

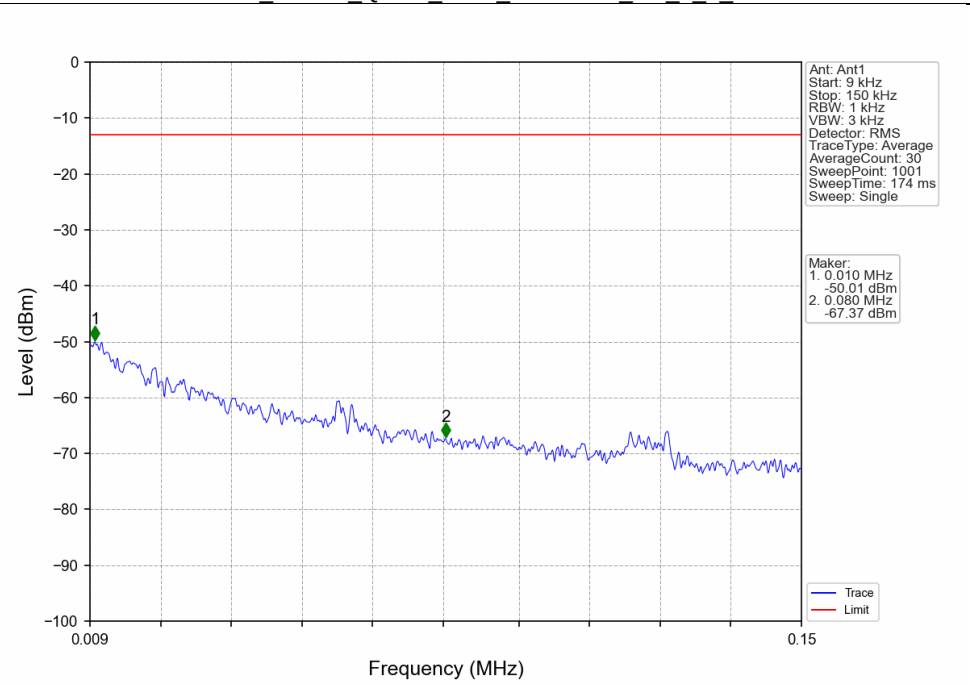


Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV

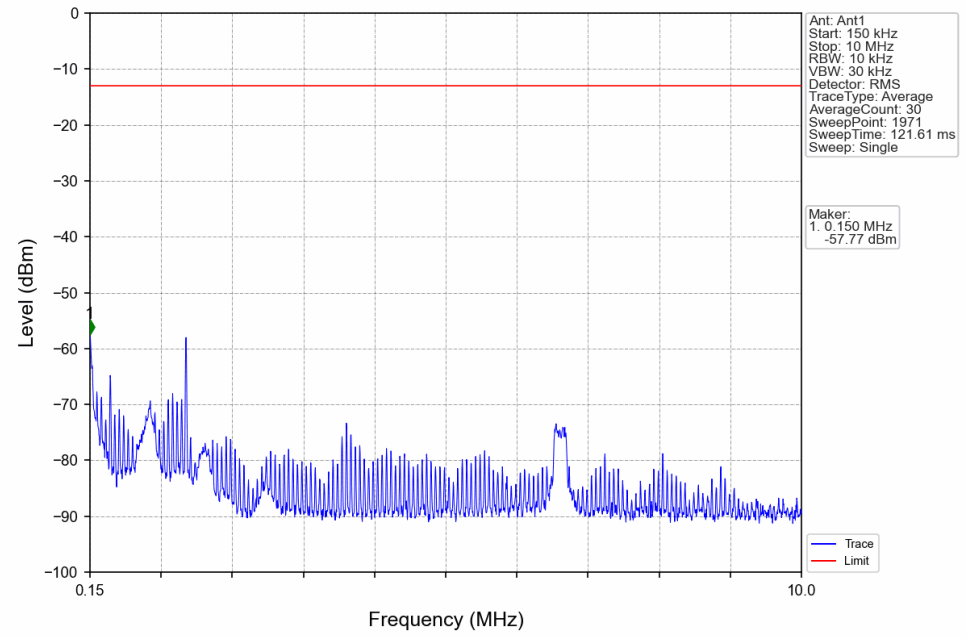


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.380	-36.34	-13	Pass
813	814	0.149	/	2	813.970	-33.62	-20	Pass
814	829	0.149	/	/	/	/	/	/

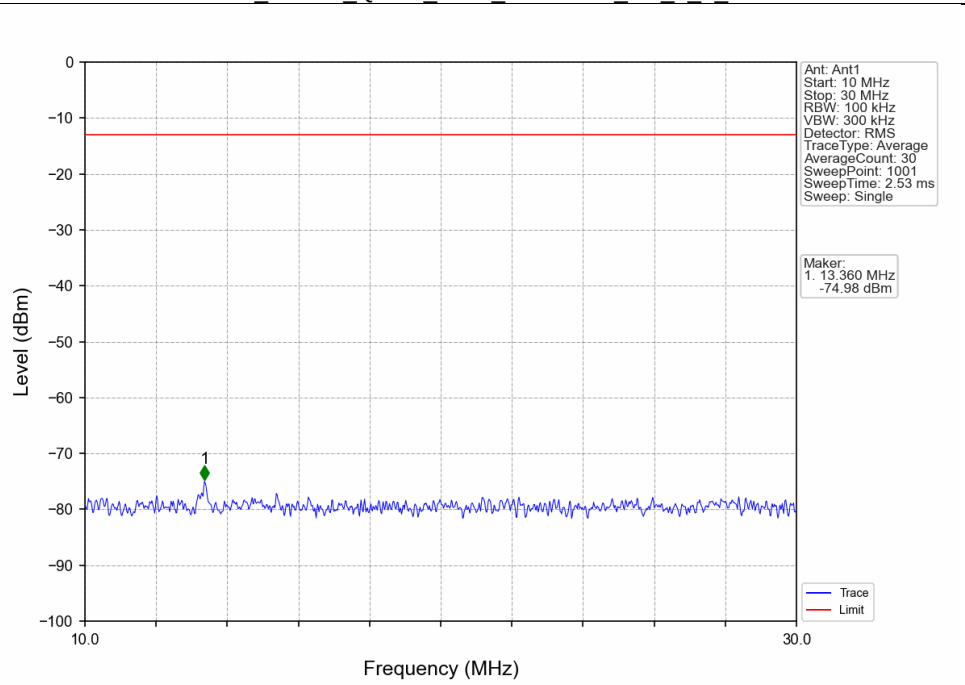
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



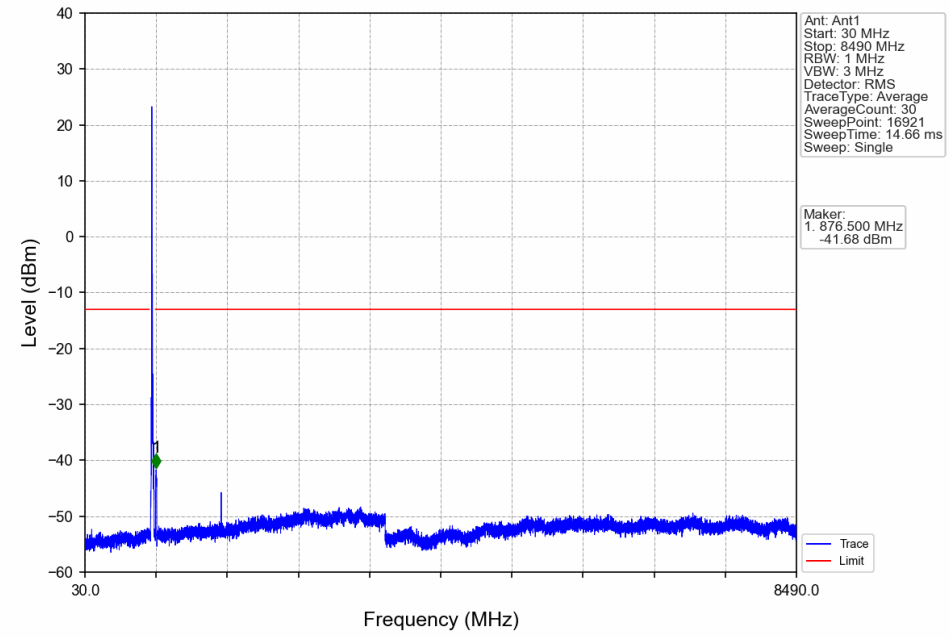
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV

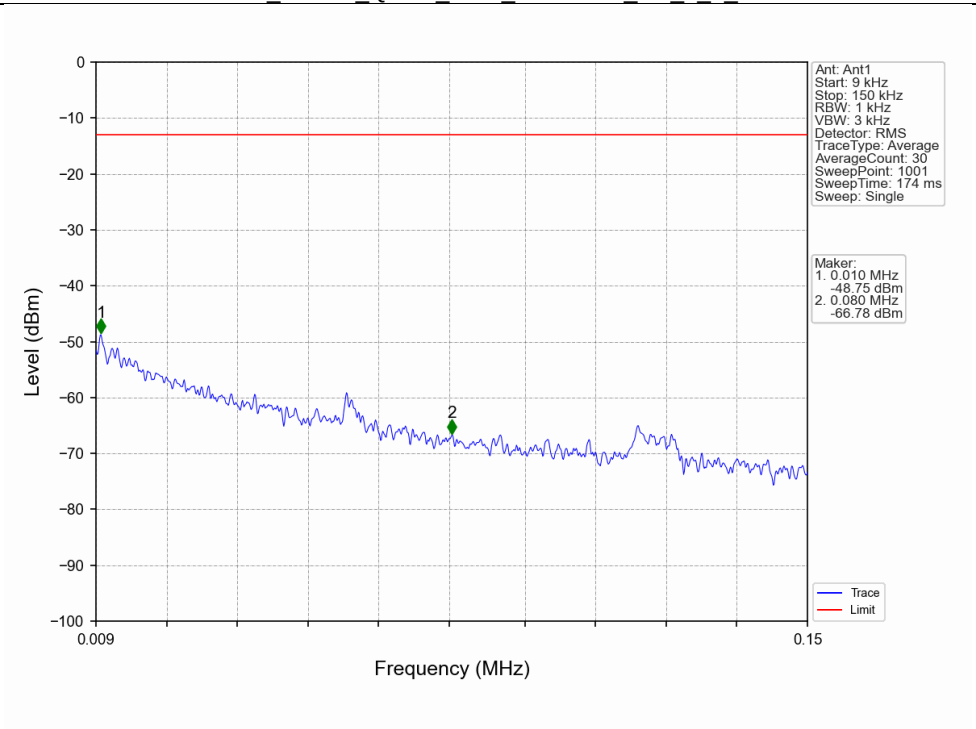


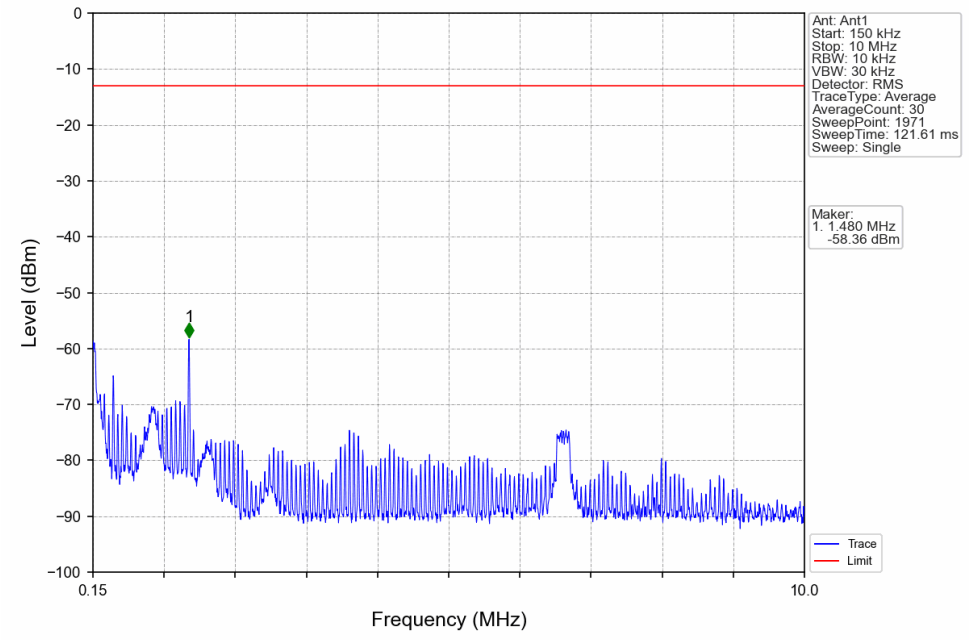
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV

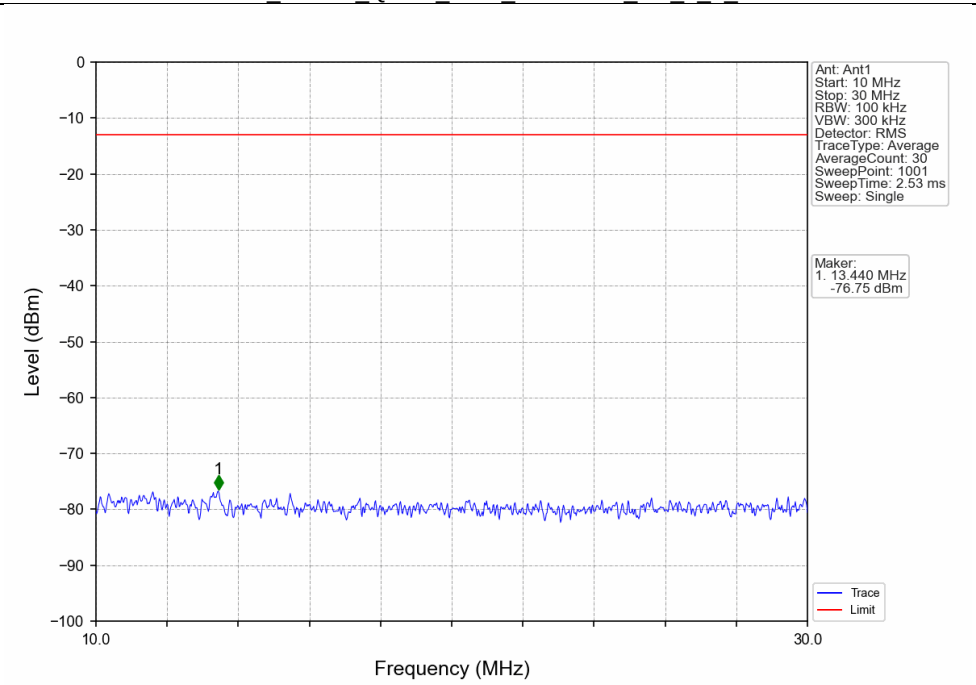


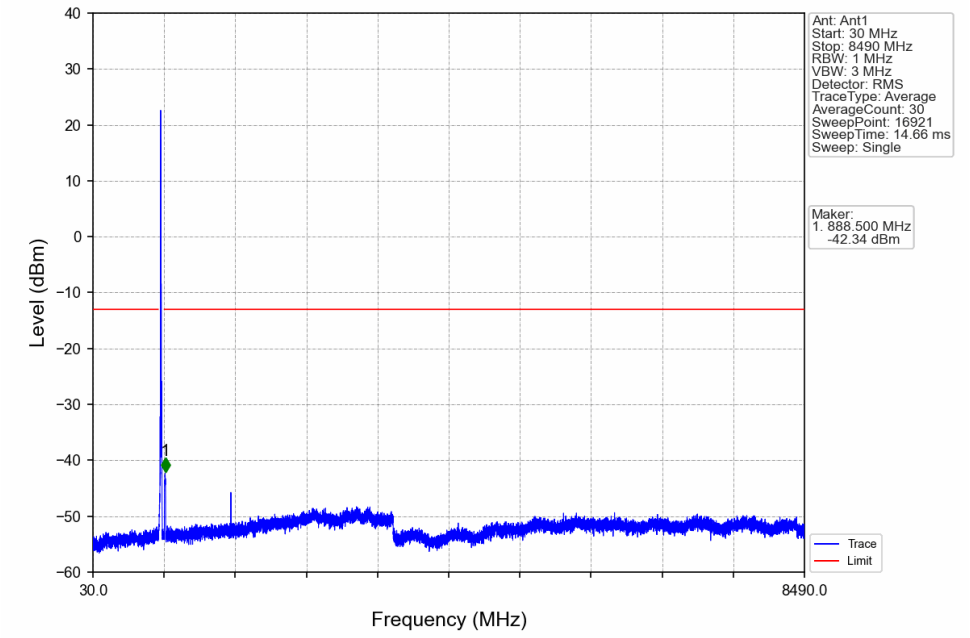
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



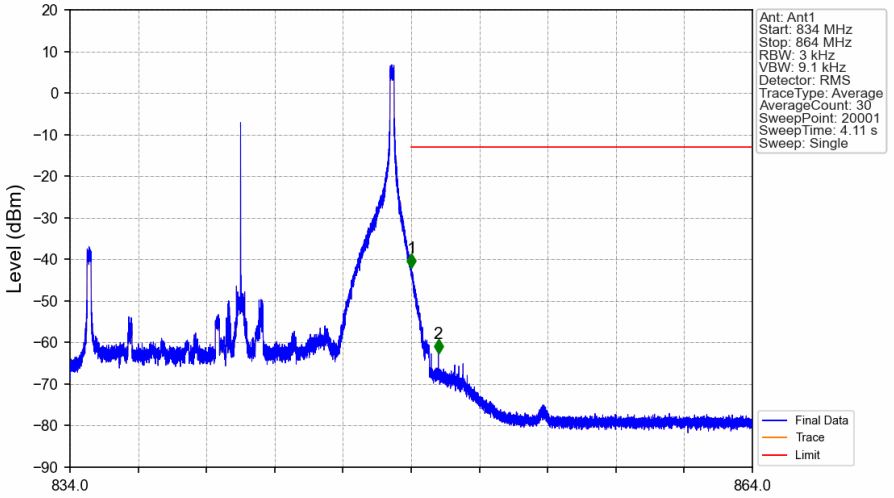
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV


Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV


Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV


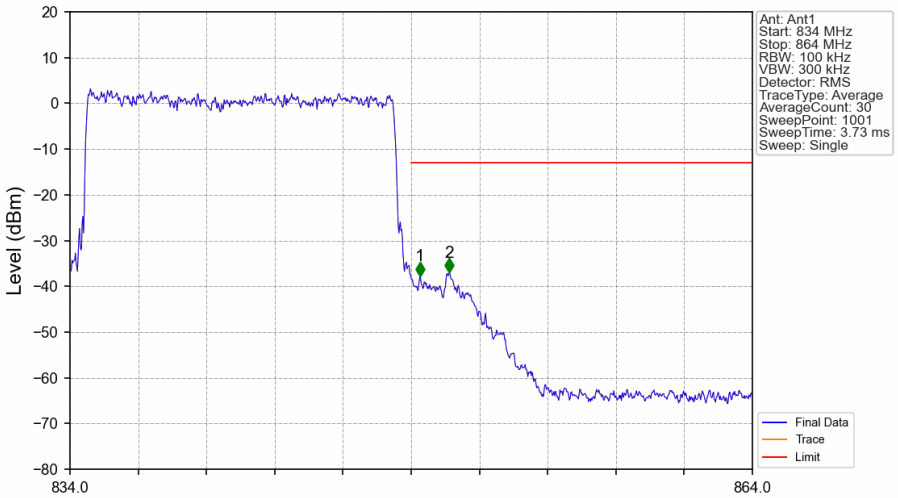
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV


Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_74_NTNV



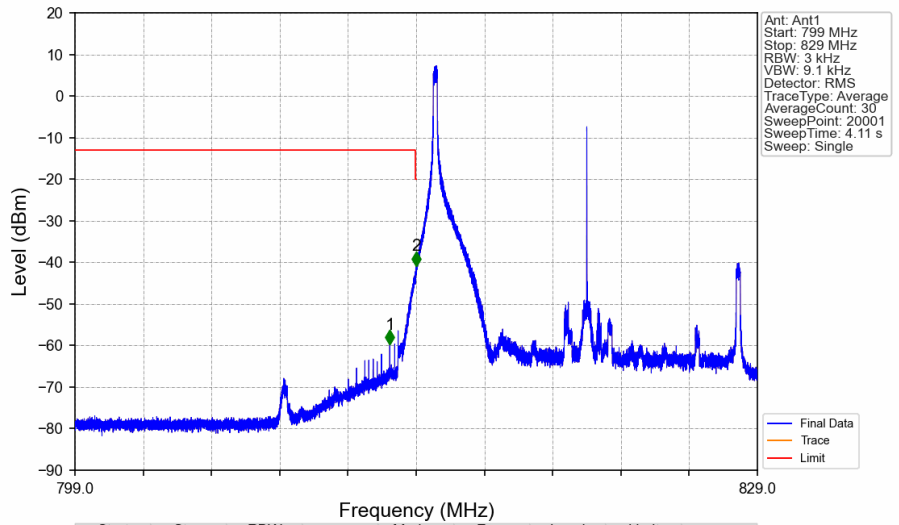
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-42.08	-13	Pass
850	864	0.1	/	2	850.194	-62.62	-13	Pass

Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



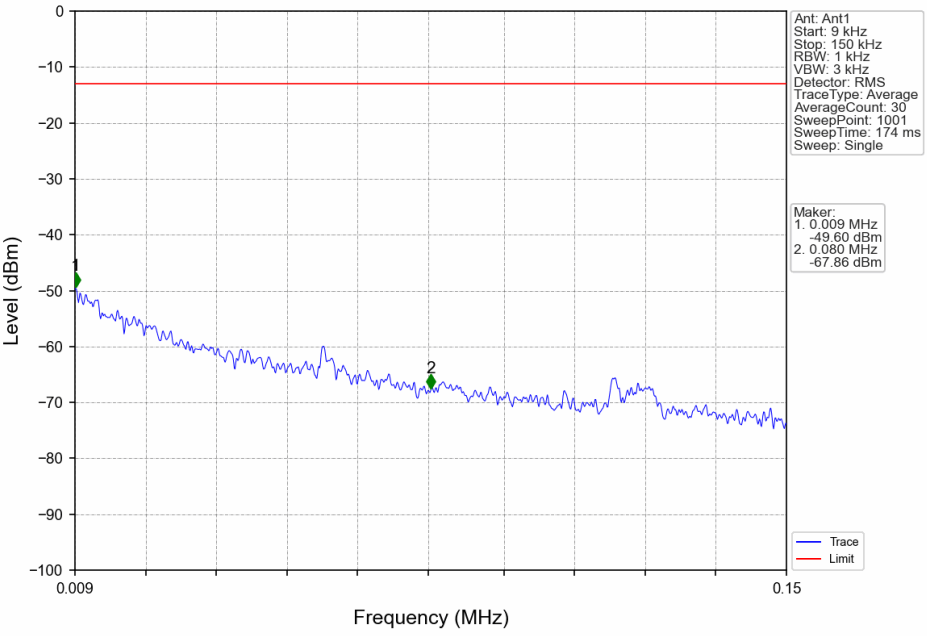
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.149	/	/	/	/	/	/
849	850	0.149	/	1	849.390	-37.75	-13	Pass
850	864	0.1	/	2	850.680	-37.00	-13	Pass

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

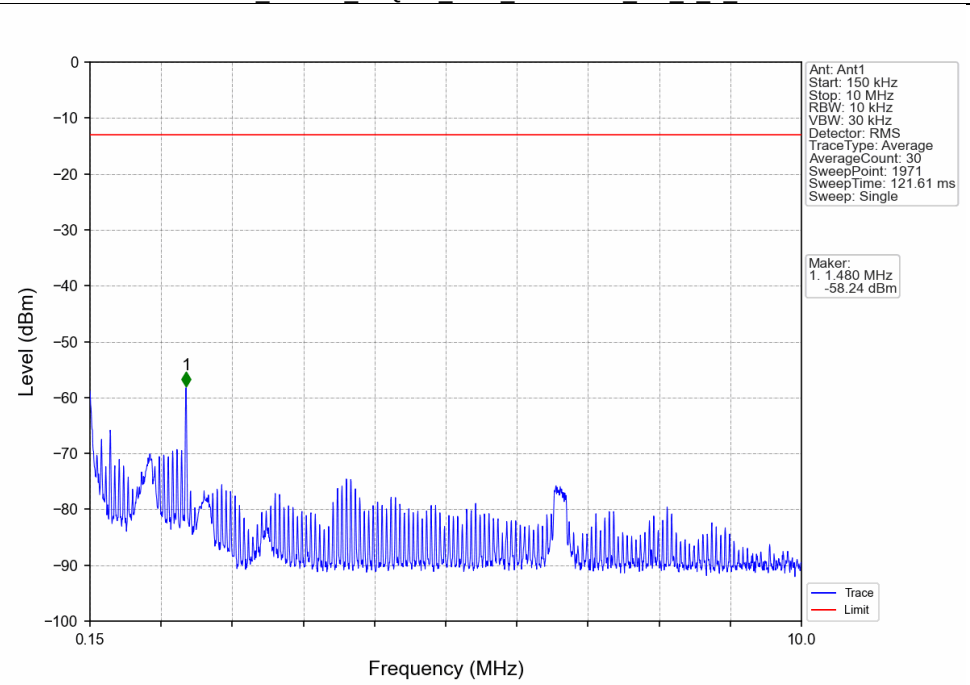


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.841	-59.73	-13	Pass
813	814	0.003	/	2	813.997	-40.84	-20	Pass
814	829	0.003	/	/	/	/	/	/

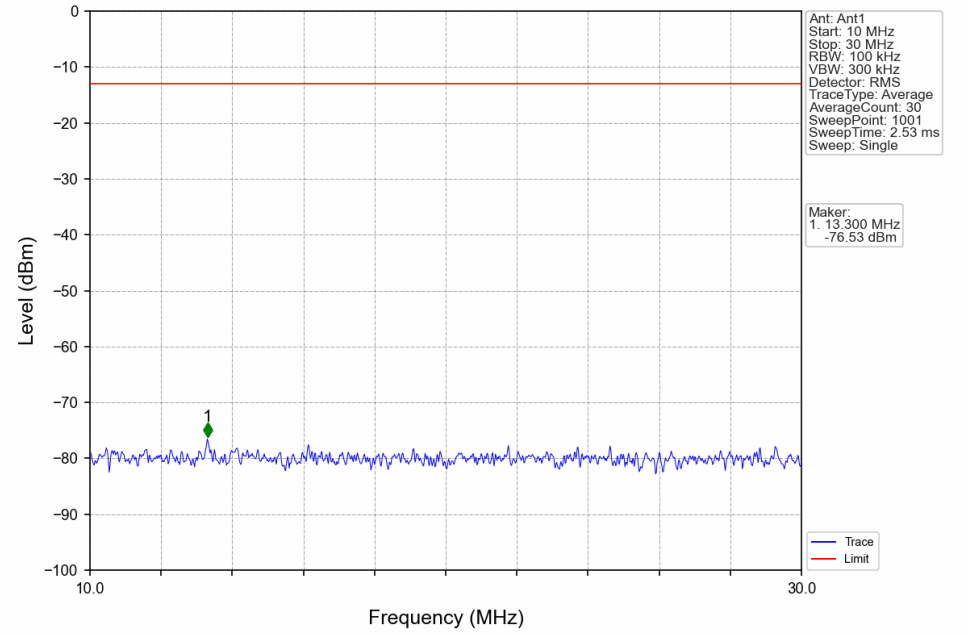
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV



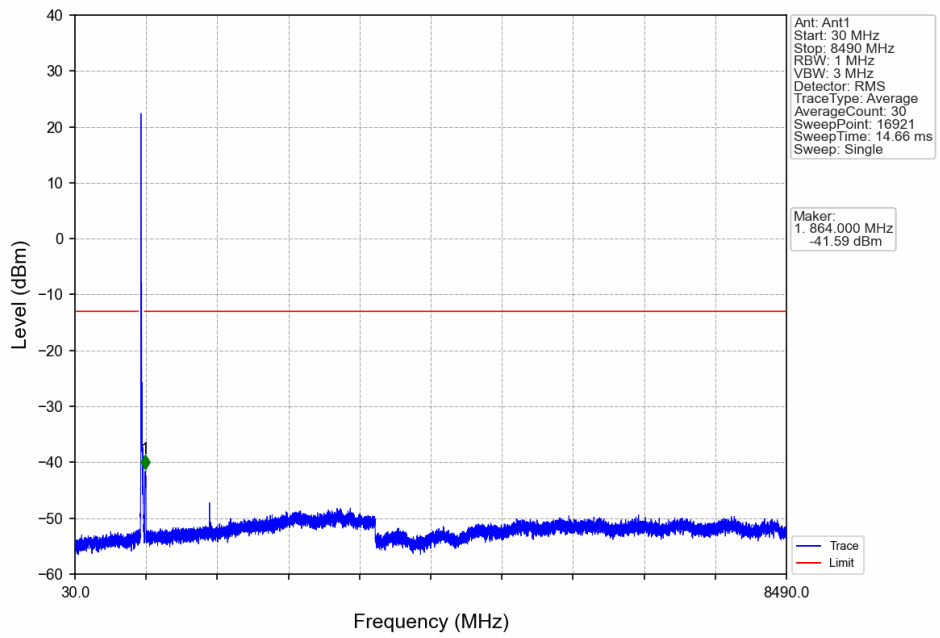
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV



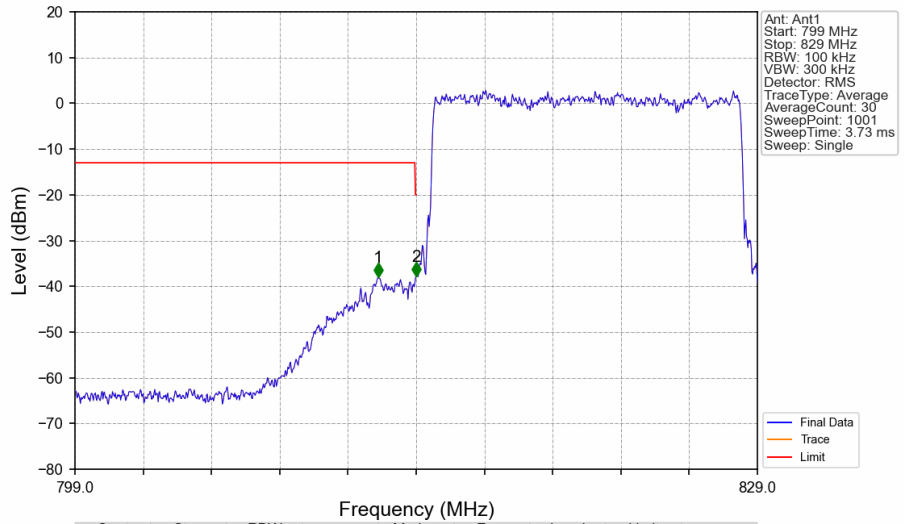
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV



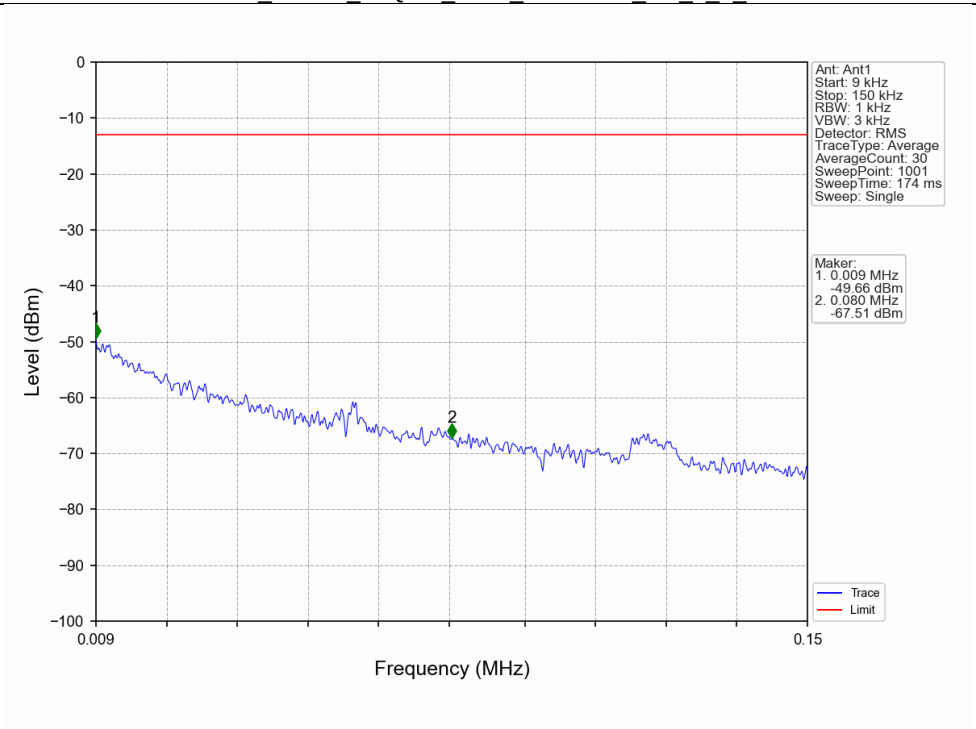
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

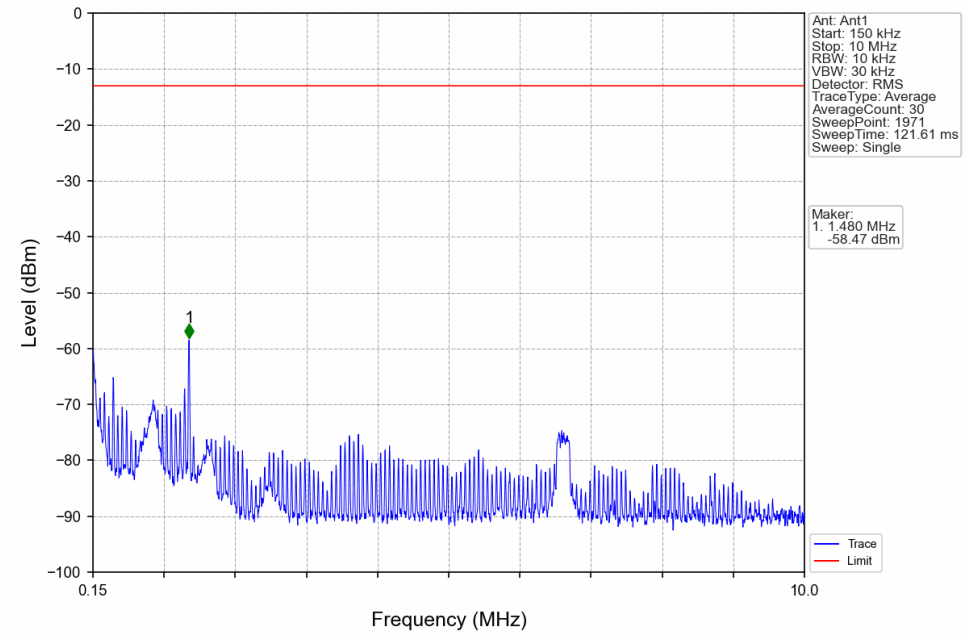


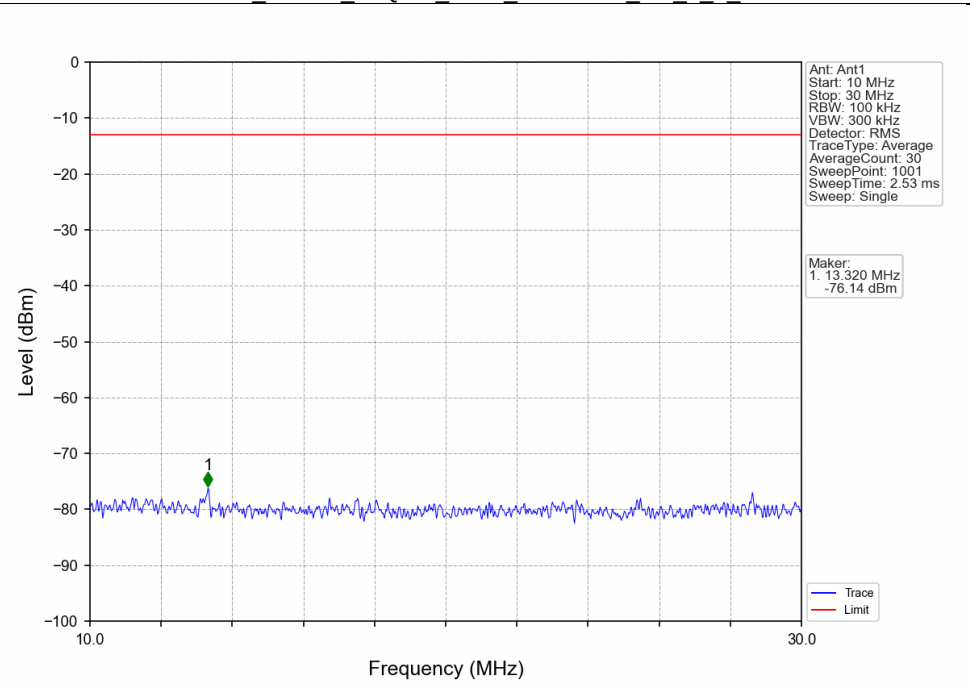
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV

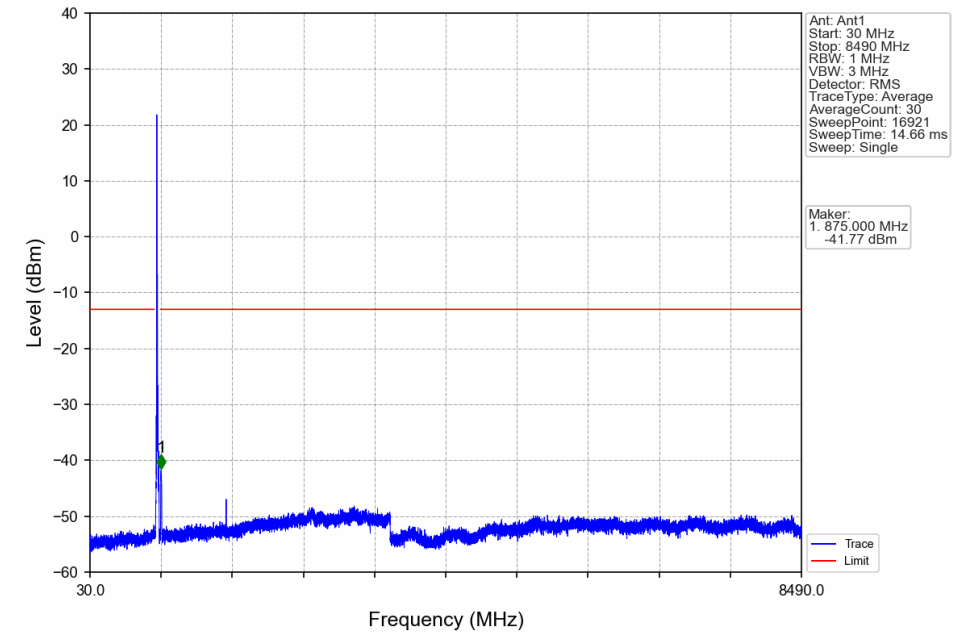


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.320	-38.07	-13	Pass
813	814	0.149	/	2	814.000	-37.88	-20	Pass
814	829	0.149	/	/	/	/	/	/

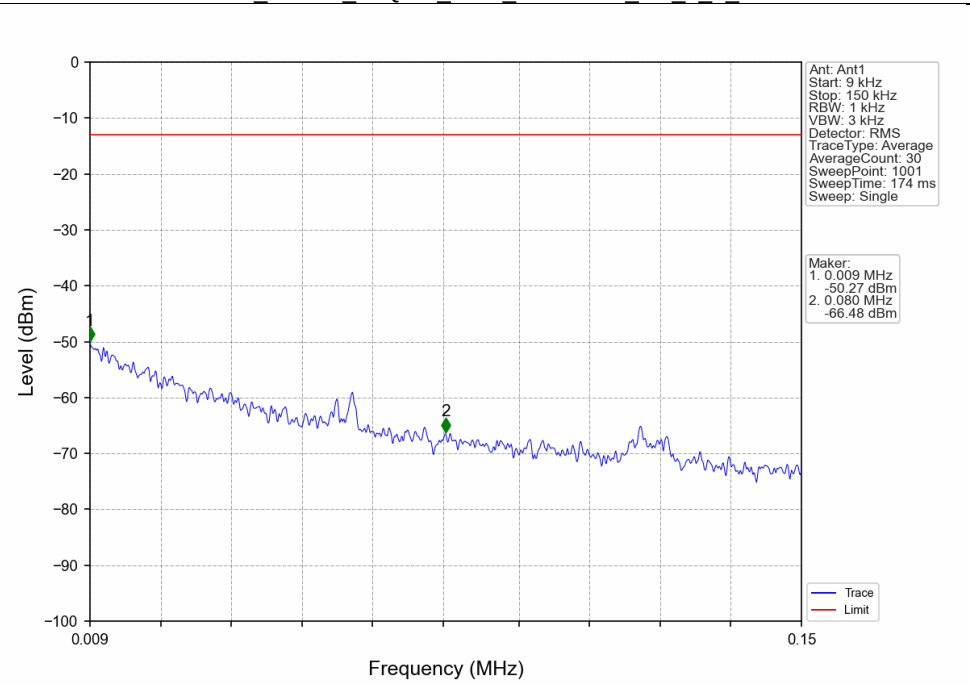
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_1_0_NTNV


Band26c_15MHz_16QAM_MCH_831.5MHz_RB_1_0_NTNV


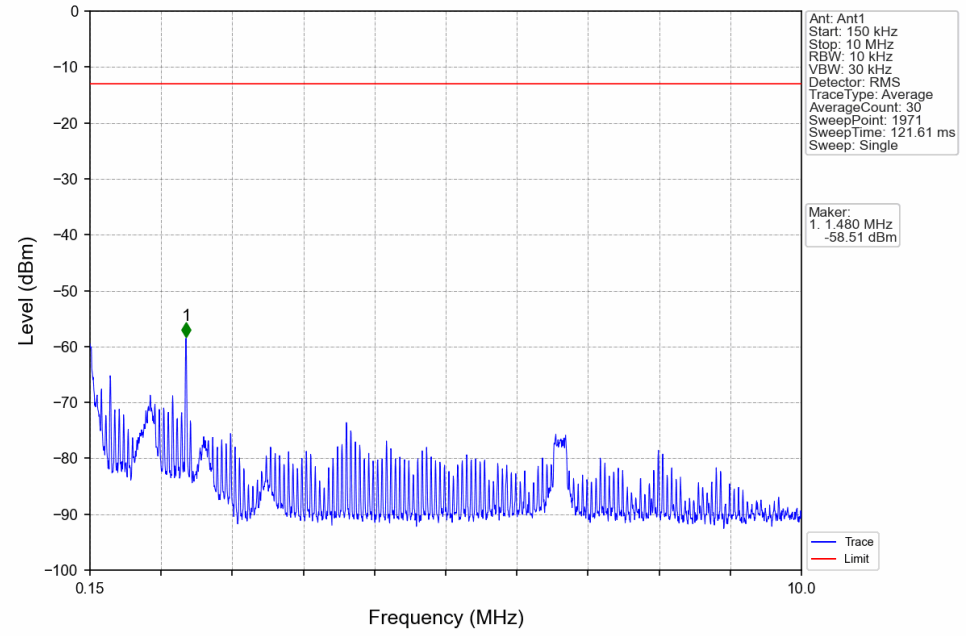
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_1_0_NTNV


Band26c_15MHz_16QAM_MCH_831.5MHz_RB_1_0_NTNV


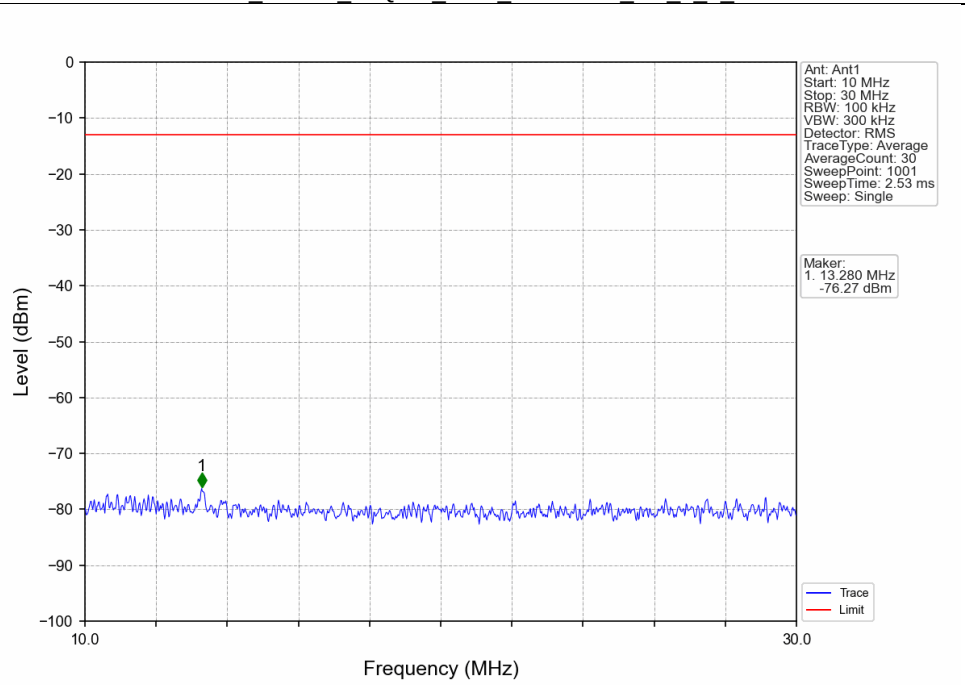
Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_0_NTNV



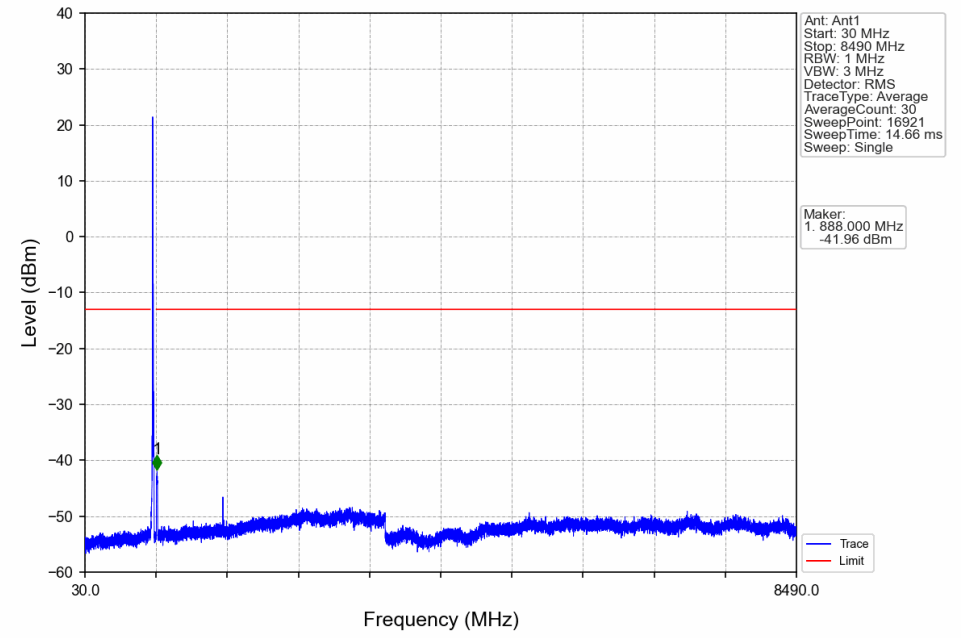
Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_0_NTNV



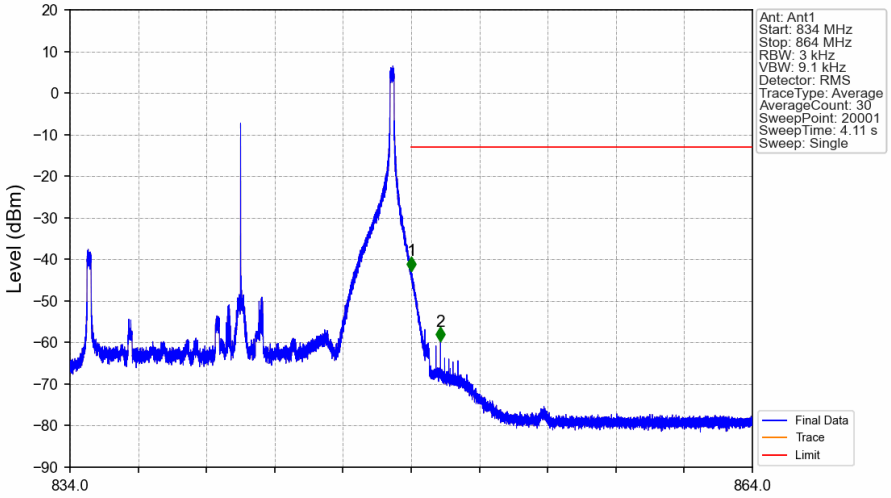
Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_0_NTNV

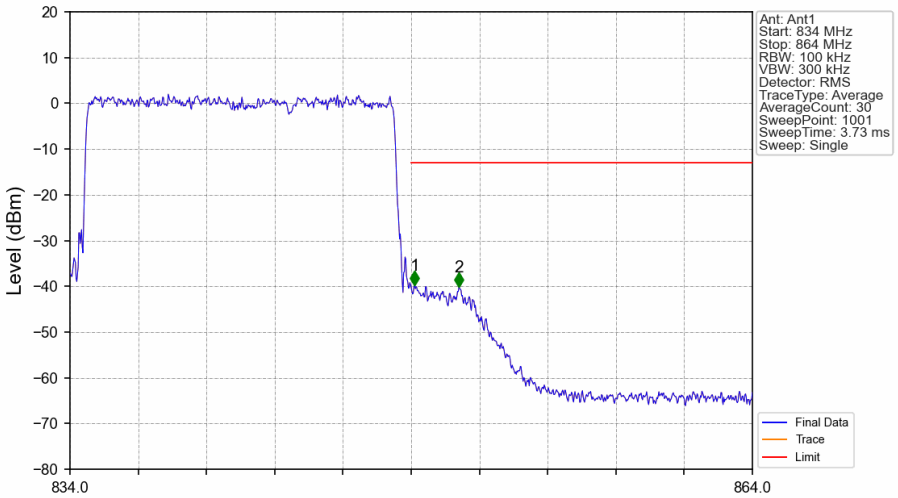


Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_74_NTNV



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	849.008	-42.75	-13	Pass
850	864	0.1	/	2	850.288	-59.68	-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	0.149	/	/	/	/	/	/
849	850	0.149	/	1	849.150	-39.80	-13	Pass
850	864	0.1	/	2	851.100	-40.10	-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	0.0043	ppm	13M6G7D	/	23.87
26c	15	821.5	841.5	0.1811	0.0044	ppm	13M6W7D	/	22.58

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	0.0711	0.0043	ppm	13M6G7D	/	18.52
26c	15	821.5	841.5	0.0528	0.0044	ppm	13M6W7D	/	17.23