Appendix B.6

LTE Band 5

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1. Effective (Isotropic) Radiated Power Output Data

1.1 B5_1.4MHz_ERPAnt0

1.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.73	1.11	22.69	<=38.45	Pass
			2	23.92	1.11	22.88	<=38.45	Pass
			5	23.73	1.11	22.69	<=38.45	Pass
		3	0	23.82	1.11	22.78	<=38.45	Pass
			2	23.81	1.11	22.77	<=38.45	Pass
			3	23.80	1.11	22.76	<=38.45	Pass
		6	0	22.76	1.11	21.72	<=38.45	Pass
	836.5	1	0	23.87	1.11	22.83	<=38.45	Pass
			2	23.98	1.11	22.94	<=38.45	Pass
			5	23.83	1.11	22.79	<=38.45	Pass
		3	0	23.95	1.11	22.91	<=38.45	Pass
			2	23.97	1.11	22.93	<=38.45	Pass
			3	23.96	1.11	22.92	<=38.45	Pass
		6	0	22.93	1.11	21.89	<=38.45	Pass
	848.3	1	0	23.81	1.11	22.77	<=38.45	Pass
			2	23.98	1.11	22.94	<=38.45	Pass
			5	23.78	1.11	22.74	<=38.45	Pass
		3	0	23.90	1.11	22.86	<=38.45	Pass
			2	23.89	1.11	22.85	<=38.45	Pass
			3	23.87	1.11	22.83	<=38.45	Pass
		6	0	22.87	1.11	21.83	<=38.45	Pass
16QAM	824.7	1	0	22.79	1.11	21.75	<=38.45	Pass
			2	22.95	1.11	21.91	<=38.45	Pass
			5	22.84	1.11	21.80	<=38.45	Pass
		3	0	22.79	1.11	21.75	<=38.45	Pass
			2	22.80	1.11	21.76	<=38.45	Pass
			3	22.78	1.11	21.74	<=38.45	Pass
		6	0	21.85	1.11	20.81	<=38.45	Pass
	836.5	1	0	23.06	1.11	22.02	<=38.45	Pass
			2	23.24	1.11	22.20	<=38.45	Pass
			5	23.05	1.11	22.01	<=38.45	Pass
		3	0	23.00	1.11	21.96	<=38.45	Pass
			2	23.04	1.11	22.00	<=38.45	Pass
			3	23.02	1.11	21.98	<=38.45	Pass
		6	0	21.88	1.11	20.84	<=38.45	Pass
	848.3	1	0	23.09	1.11	22.05	<=38.45	Pass
			2	23.23	1.11	22.19	<=38.45	Pass
			5	23.05	1.11	22.01	<=38.45	Pass
		3	0	23.00	1.11	21.96	<=38.45	Pass

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			2	22.98	1.11	21.94	<=38.45	Pass
			3	22.94	1.11	21.90	<=38.45	Pass
		6	0	21.89	1.11	20.85	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.2 B5_3MHz_ERP

1.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	23.81	1.11	22.77	<=38.45	Pass
			7	23.79	1.11	22.75	<=38.45	Pass
			14	23.78	1.11	22.74	<=38.45	Pass
		8	0	22.75	1.11	21.71	<=38.45	Pass
			4	22.84	1.11	21.80	<=38.45	Pass
			7	22.78	1.11	21.74	<=38.45	Pass
		15	0	22.71	1.11	21.67	<=38.45	Pass
	836.5	1	0	23.91	1.11	22.87	<=38.45	Pass
			7	23.96	1.11	22.92	<=38.45	Pass
			14	23.99	1.11	22.95	<=38.45	Pass
		8	0	22.90	1.11	21.86	<=38.45	Pass
			4	22.99	1.11	21.95	<=38.45	Pass
			7	22.94	1.11	21.90	<=38.45	Pass
		15	0	22.85	1.11	21.81	<=38.45	Pass
	847.5	1	0	23.90	1.11	22.86	<=38.45	Pass
			7	23.89	1.11	22.85	<=38.45	Pass
			14	23.86	1.11	22.82	<=38.45	Pass
		8	0	22.87	1.11	21.83	<=38.45	Pass
			4	22.95	1.11	21.91	<=38.45	Pass
			7	22.86	1.11	21.82	<=38.45	Pass
		15	0	22.86	1.11	21.82	<=38.45	Pass
16QAM	825.5	1	0	22.92	1.11	21.88	<=38.45	Pass
			7	22.99	1.11	21.95	<=38.45	Pass
			14	22.99	1.11	21.95	<=38.45	Pass
		8	0	21.93	1.11	20.89	<=38.45	Pass
			4	22.02	1.11	20.98	<=38.45	Pass
			7	21.98	1.11	20.94	<=38.45	Pass
		15	0	21.76	1.11	20.72	<=38.45	Pass
	836.5	1	0	22.99	1.11	21.95	<=38.45	Pass
			7	23.01	1.11	21.97	<=38.45	Pass
			14	22.98	1.11	21.94	<=38.45	Pass
		8	0	22.05	1.11	21.01	<=38.45	Pass
			4	22.12	1.11	21.08	<=38.45	Pass
			7	22.08	1.11	21.04	<=38.45	Pass
		15	0	21.93	1.11	20.89	<=38.45	Pass

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	847.5	1	0	23.13	1.11	22.09	<=38.45	Pass
			7	23.08	1.11	22.04	<=38.45	Pass
			14	23.00	1.11	21.96	<=38.45	Pass
		8	0	21.90	1.11	20.86	<=38.45	Pass
			4	21.94	1.11	20.90	<=38.45	Pass
			7	21.91	1.11	20.87	<=38.45	Pass
		15	0	21.89	1.11	20.85	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.3 B5_5MHz_ERP

1.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	23.67	1.11	22.63	<=38.45	Pass
			13	23.86	1.11	22.82	<=38.45	Pass
			24	23.73	1.11	22.69	<=38.45	Pass
		12	0	22.71	1.11	21.67	<=38.45	Pass
			6	22.85	1.11	21.81	<=38.45	Pass
			13	22.81	1.11	21.77	<=38.45	Pass
		25	0	22.82	1.11	21.78	<=38.45	Pass
	836.5	1	0	23.84	1.11	22.80	<=38.45	Pass
			13	23.98	1.11	22.94	<=38.45	Pass
			24	23.87	1.11	22.83	<=38.45	Pass
		12	0	22.93	1.11	21.89	<=38.45	Pass
			6	22.96	1.11	21.92	<=38.45	Pass
			13	22.94	1.11	21.90	<=38.45	Pass
		25	0	22.92	1.11	21.88	<=38.45	Pass
	846.5	1	0	23.90	1.11	22.86	<=38.45	Pass
			13	23.95	1.11	22.91	<=38.45	Pass
			24	23.80	1.11	22.76	<=38.45	Pass
		12	0	22.95	1.11	21.91	<=38.45	Pass
			6	22.94	1.11	21.90	<=38.45	Pass
			13	22.85	1.11	21.81	<=38.45	Pass
		25	0	22.91	1.11	21.87	<=38.45	Pass
16QAM	826.5	1	0	22.88	1.11	21.84	<=38.45	Pass
			13	23.04	1.11	22.00	<=38.45	Pass
			24	23.00	1.11	21.96	<=38.45	Pass
		12	0	21.77	1.11	20.73	<=38.45	Pass
			6	21.89	1.11	20.85	<=38.45	Pass
			13	21.87	1.11	20.83	<=38.45	Pass
		25	0	21.83	1.11	20.79	<=38.45	Pass
	836.5	1	0	23.00	1.11	21.96	<=38.45	Pass
			13	23.16	1.11	22.12	<=38.45	Pass
			24	23.02	1.11	21.98	<=38.45	Pass

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		12	0	21.84	1.11	20.80	<=38.45	Pass
			6	21.94	1.11	20.90	<=38.45	Pass
			13	21.90	1.11	20.86	<=38.45	Pass
		25	0	21.92	1.11	20.88	<=38.45	Pass
	846.5	1	0	23.08	1.11	22.04	<=38.45	Pass
			13	23.20	1.11	22.16	<=38.45	Pass
			24	23.01	1.11	21.97	<=38.45	Pass
		12	0	21.84	1.11	20.80	<=38.45	Pass
			6	21.88	1.11	20.84	<=38.45	Pass
			13	21.75	1.11	20.71	<=38.45	Pass
		25	0	21.90	1.11	20.86	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.4 B5_10MHz_ERP

1.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.75	1.11	22.71	<=38.45	Pass
			25	23.96	1.11	22.92	<=38.45	Pass
			49	23.77	1.11	22.73	<=38.45	Pass
		25	0	22.87	1.11	21.83	<=38.45	Pass
			13	22.88	1.11	21.84	<=38.45	Pass
			25	22.84	1.11	21.80	<=38.45	Pass
		50	0	22.86	1.11	21.82	<=38.45	Pass
	836.5	1	0	23.91	1.11	22.87	<=38.45	Pass
			25	24.08	1.11	23.04	<=38.45	Pass
			49	23.90	1.11	22.86	<=38.45	Pass
		25	0	22.93	1.11	21.89	<=38.45	Pass
			13	22.95	1.11	21.91	<=38.45	Pass
			25	22.96	1.11	21.92	<=38.45	Pass
		50	0	22.97	1.11	21.93	<=38.45	Pass
	844	1	0	23.90	1.11	22.86	<=38.45	Pass
			25	24.01	1.11	22.97	<=38.45	Pass
			49	23.82	1.11	22.78	<=38.45	Pass
		25	0	22.89	1.11	21.85	<=38.45	Pass
			13	22.95	1.11	21.91	<=38.45	Pass
			25	22.84	1.11	21.80	<=38.45	Pass
		50	0	22.87	1.11	21.83	<=38.45	Pass
16QAM	829	1	0	22.94	1.11	21.90	<=38.45	Pass
			25	23.19	1.11	22.15	<=38.45	Pass
			49	22.97	1.11	21.93	<=38.45	Pass
		25	0	21.90	1.11	20.86	<=38.45	Pass
			13	21.87	1.11	20.83	<=38.45	Pass
			25	21.90	1.11	20.86	<=38.45	Pass

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		50	0	21.84	1.11	20.80	<=38.45	Pass
	836.5	1	0	22.94	1.11	21.90	<=38.45	Pass
			25	23.15	1.11	22.11	<=38.45	Pass
			49	22.93	1.11	21.89	<=38.45	Pass
		25	0	21.99	1.11	20.95	<=38.45	Pass
			13	22.01	1.11	20.97	<=38.45	Pass
			25	22.00	1.11	20.96	<=38.45	Pass
		50	0	21.95	1.11	20.91	<=38.45	Pass
	844	1	0	23.12	1.11	22.08	<=38.45	Pass
			25	23.21	1.11	22.17	<=38.45	Pass
			49	23.01	1.11	21.97	<=38.45	Pass
		25	0	21.88	1.11	20.84	<=38.45	Pass
			13	21.95	1.11	20.91	<=38.45	Pass
			25	21.84	1.11	20.80	<=38.45	Pass
		50	0	21.81	1.11	20.77	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

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2. Frequency Stability

2.4 B5_10MHz

2.4.1 Test Result

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	8	-1.397	-0.0017	-2.5 to 2.5	Pass
					12	-0.742	-0.0009	-2.5 to 2.5	Pass
					16	-5.744	-0.0069	-2.5 to 2.5	Pass
				-30	12	-1.709	-0.0021	-2.5 to 2.5	Pass
				-20	12	-5.710	-0.0069	-2.5 to 2.5	Pass
				-10	12	-1.878	-0.0023	-2.5 to 2.5	Pass
				0	12	-2.594	-0.0031	-2.5 to 2.5	Pass
				10	12	-5.604	-0.0068	-2.5 to 2.5	Pass
				30	12	-4.455	-0.0054	-2.5 to 2.5	Pass
				40	12	-6.438	-0.0078	-2.5 to 2.5	Pass
				50	12	-6.741	-0.0081	-2.5 to 2.5	Pass
	836.5	50	0	20	8	-8.042	-0.0096	-2.5 to 2.5	Pass
					12	-8.462	-0.0101	-2.5 to 2.5	Pass
					16	-8.372	-0.0100	-2.5 to 2.5	Pass
				-30	12	-8.190	-0.0098	-2.5 to 2.5	Pass
				-20	12	-9.253	-0.0111	-2.5 to 2.5	Pass
				-10	12	-9.042	-0.0108	-2.5 to 2.5	Pass
				0	12	-10.605	-0.0127	-2.5 to 2.5	Pass
				10	12	-7.302	-0.0087	-2.5 to 2.5	Pass
				30	12	-6.886	-0.0082	-2.5 to 2.5	Pass
				40	12	-6.626	-0.0079	-2.5 to 2.5	Pass
				50	12	-7.610	-0.0091	-2.5 to 2.5	Pass
	844	50	0	20	8	-6.752	-0.0080	-2.5 to 2.5	Pass
					12	-6.669	-0.0079	-2.5 to 2.5	Pass
					16	-5.887	-0.0070	-2.5 to 2.5	Pass
				-30	12	-8.277	-0.0098	-2.5 to 2.5	Pass
				-20	12	-8.020	-0.0095	-2.5 to 2.5	Pass
				-10	12	-10.490	-0.0124	-2.5 to 2.5	Pass
				0	12	-9.341	-0.0111	-2.5 to 2.5	Pass
				10	12	-8.081	-0.0096	-2.5 to 2.5	Pass
				30	12	-8.451	-0.0100	-2.5 to 2.5	Pass
				40	12	-9.348	-0.0111	-2.5 to 2.5	Pass
				50	12	-8.642	-0.0102	-2.5 to 2.5	Pass
16QAM	829	50	0	20	8	-6.980	-0.0084	-2.5 to 2.5	Pass
					12	-7.326	-0.0088	-2.5 to 2.5	Pass
					16	-2.998	-0.0036	-2.5 to 2.5	Pass
				-30	12	-8.081	-0.0097	-2.5 to 2.5	Pass
				-20	12	-6.933	-0.0084	-2.5 to 2.5	Pass
				-10	12	-7.166	-0.0086	-2.5 to 2.5	Pass

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				0	12	-5.072	-0.0061	-2.5 to 2.5	Pass
				10	12	-6.335	-0.0076	-2.5 to 2.5	Pass
				30	12	-7.054	-0.0085	-2.5 to 2.5	Pass
				40	12	-5.737	-0.0069	-2.5 to 2.5	Pass
				50	12	-8.303	-0.0100	-2.5 to 2.5	Pass
	836.5	50	0	20	8	-6.907	-0.0083	-2.5 to 2.5	Pass
					12	-7.760	-0.0093	-2.5 to 2.5	Pass
					16	-9.438	-0.0113	-2.5 to 2.5	Pass
				-30	12	-9.716	-0.0116	-2.5 to 2.5	Pass
				-20	12	-9.668	-0.0116	-2.5 to 2.5	Pass
				-10	12	-9.414	-0.0113	-2.5 to 2.5	Pass
				0	12	-8.888	-0.0106	-2.5 to 2.5	Pass
				10	12	-7.441	-0.0089	-2.5 to 2.5	Pass
				30	12	-7.179	-0.0086	-2.5 to 2.5	Pass
				40	12	-5.588	-0.0067	-2.5 to 2.5	Pass
				50	12	-6.581	-0.0079	-2.5 to 2.5	Pass
	844	50	0	20	8	-6.996	-0.0083	-2.5 to 2.5	Pass
					12	-6.294	-0.0075	-2.5 to 2.5	Pass
					16	-10.494	-0.0124	-2.5 to 2.5	Pass
				-30	12	-8.206	-0.0097	-2.5 to 2.5	Pass
				-20	12	-8.872	-0.0105	-2.5 to 2.5	Pass
				-10	12	-8.526	-0.0101	-2.5 to 2.5	Pass
				0	12	-7.920	-0.0094	-2.5 to 2.5	Pass
				10	12	-5.867	-0.0070	-2.5 to 2.5	Pass
				30	12	-8.311	-0.0098	-2.5 to 2.5	Pass
				40	12	-7.272	-0.0086	-2.5 to 2.5	Pass
				50	12	-8.294	-0.0098	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Band5_OBW

3.1.1 Test Result

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.107	/	Pass
		836.5	6	0	1.112	/	Pass
		848.3	6	0	1.110	/	Pass
	16QAM	824.7	6	0	1.109	/	Pass
		836.5	6	0	1.108	/	Pass
		848.3	6	0	1.112	/	Pass
3	QPSK	825.5	15	0	2.719	/	Pass
		836.5	15	0	2.730	/	Pass
		847.5	15	0	2.725	/	Pass
	16QAM	825.5	15	0	2.715	/	Pass

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		836.5	15	0	2.722	/	Pass
		847.5	15	0	2.723	/	Pass
5	QPSK	826.5	25	0	4.574	/	Pass
		836.5	25	0	4.570	/	Pass
		846.5	25	0	4.571	/	Pass
	16QAM	826.5	25	0	4.568	/	Pass
		836.5	25	0	4.604	/	Pass
		846.5	25	0	4.580	/	Pass
10	QPSK	829	50	0	9.068	/	Pass
		836.5	50	0	9.062	/	Pass
		844	50	0	9.089	/	Pass
	16QAM	829	50	0	9.040	/	Pass
		836.5	50	0	9.070	/	Pass
		844	50	0	9.094	/	Pass

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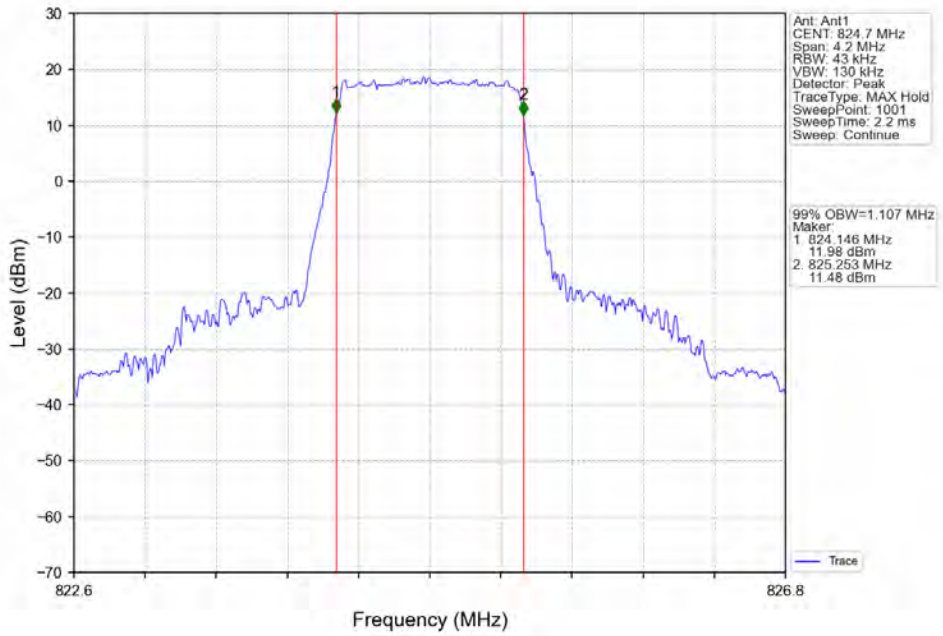
3.1.2 Test Graph

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV

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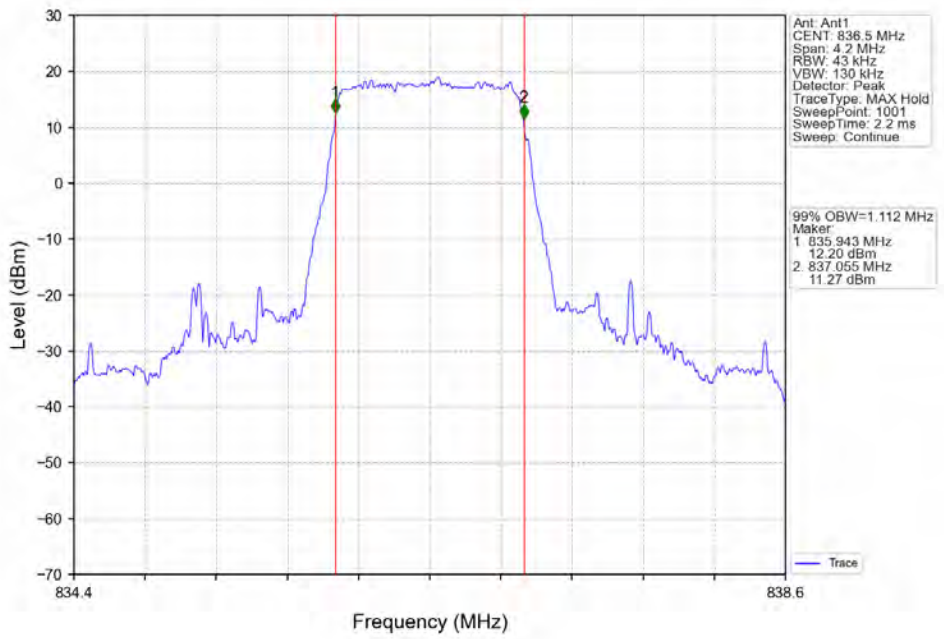

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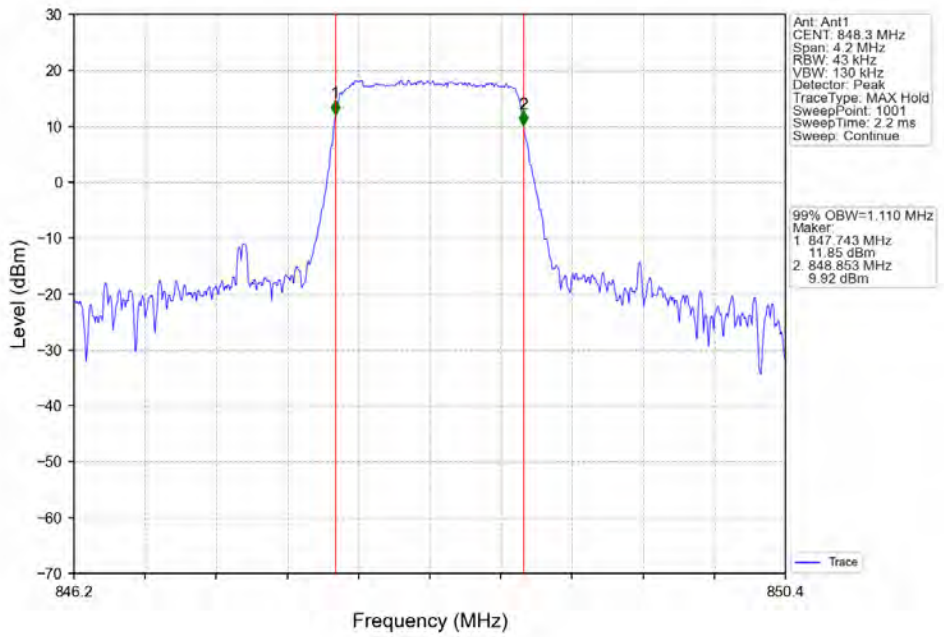
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

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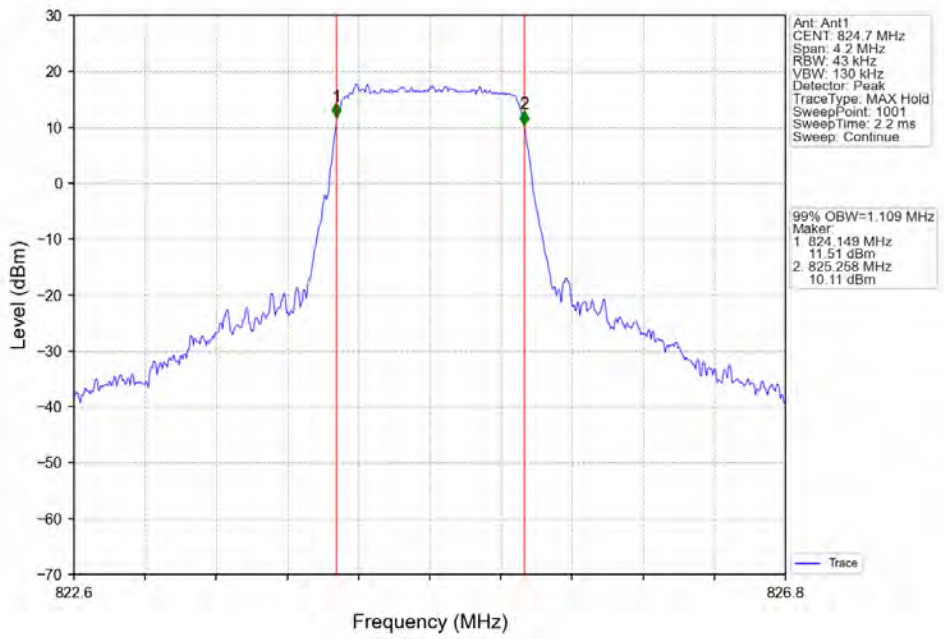

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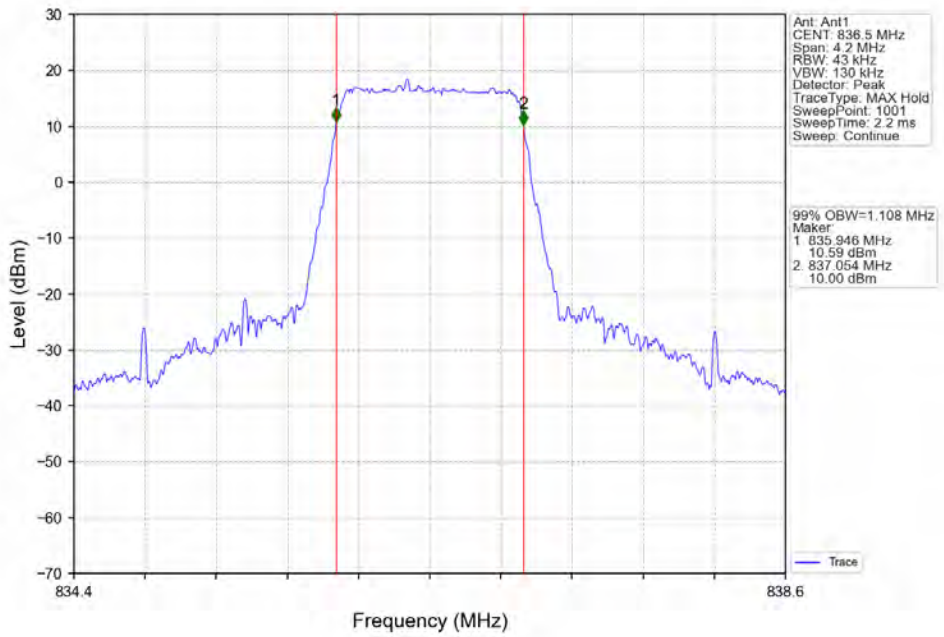

Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

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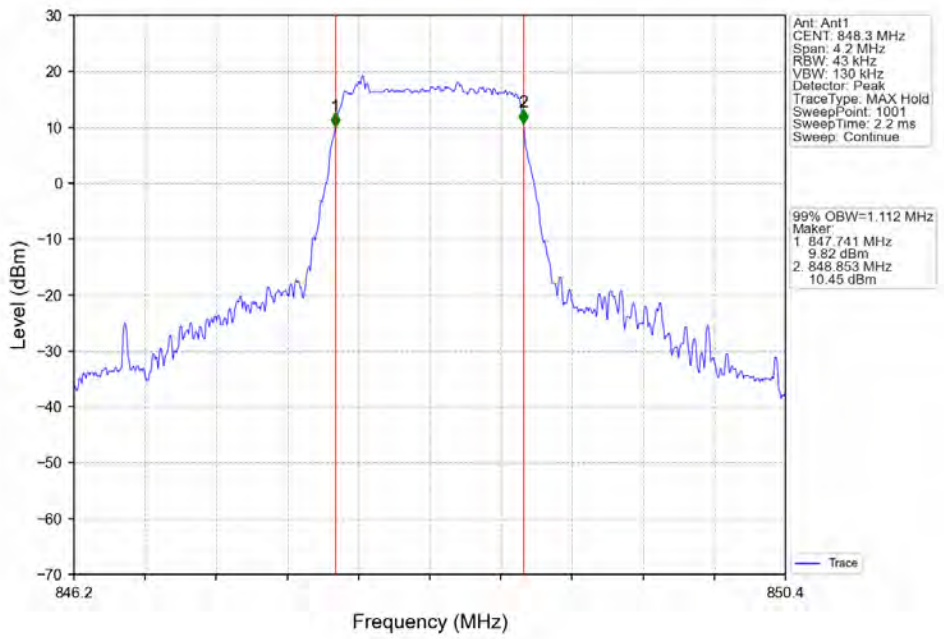

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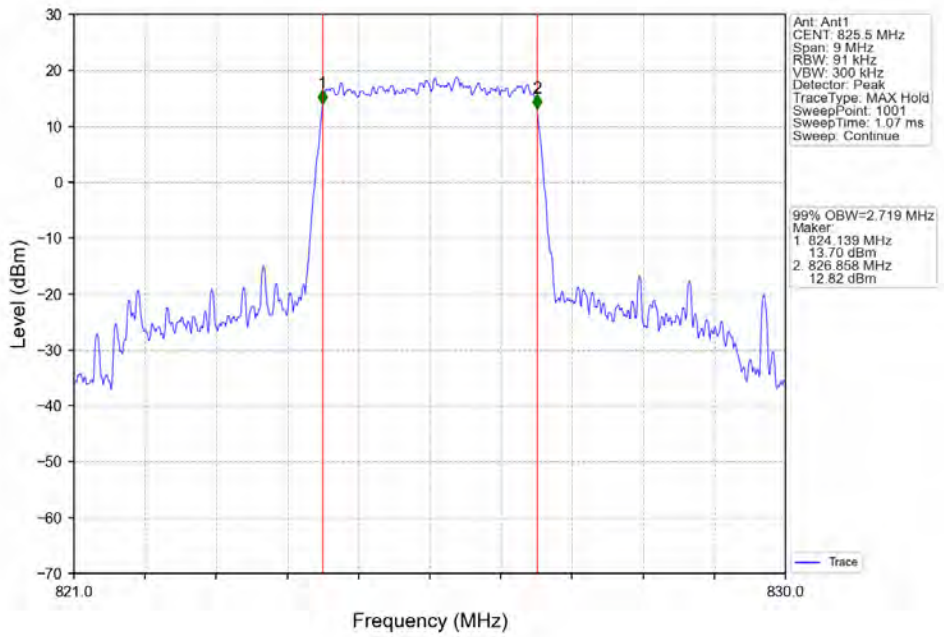

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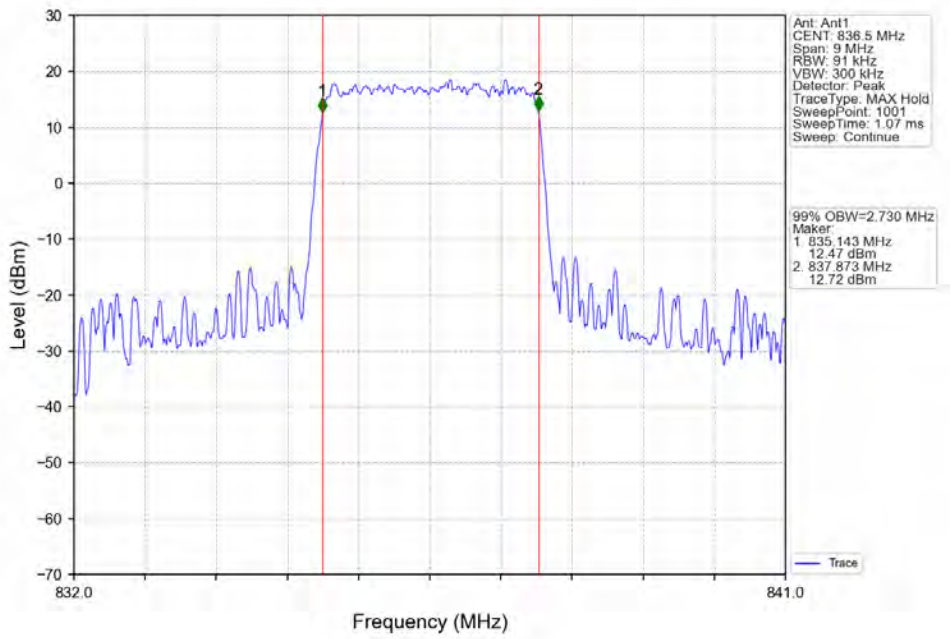

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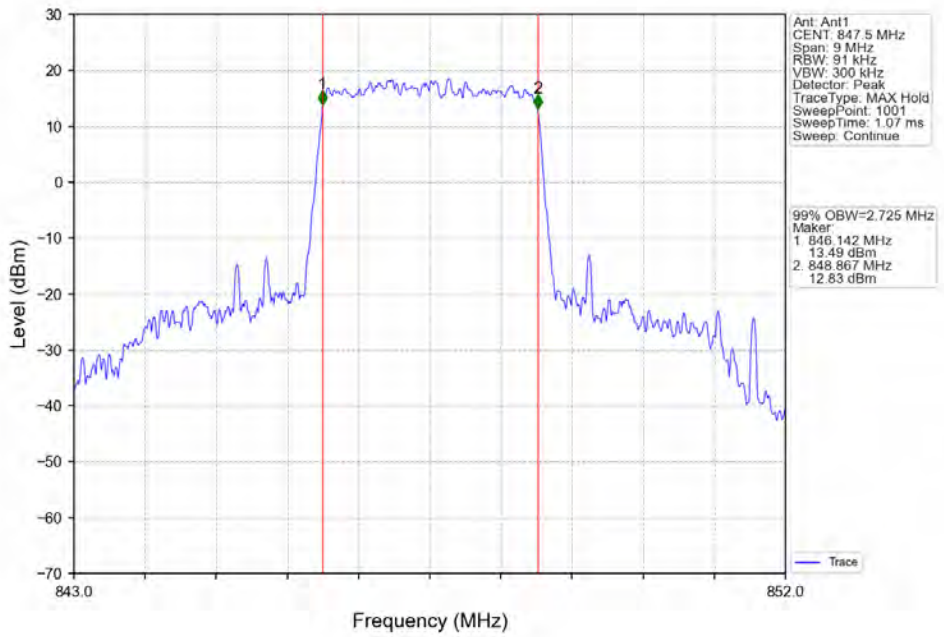
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

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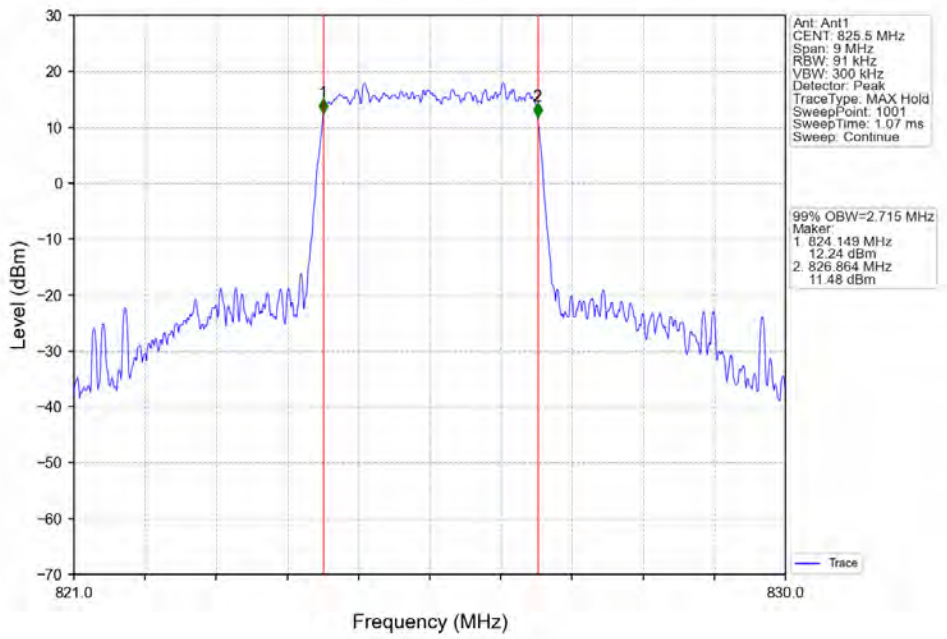

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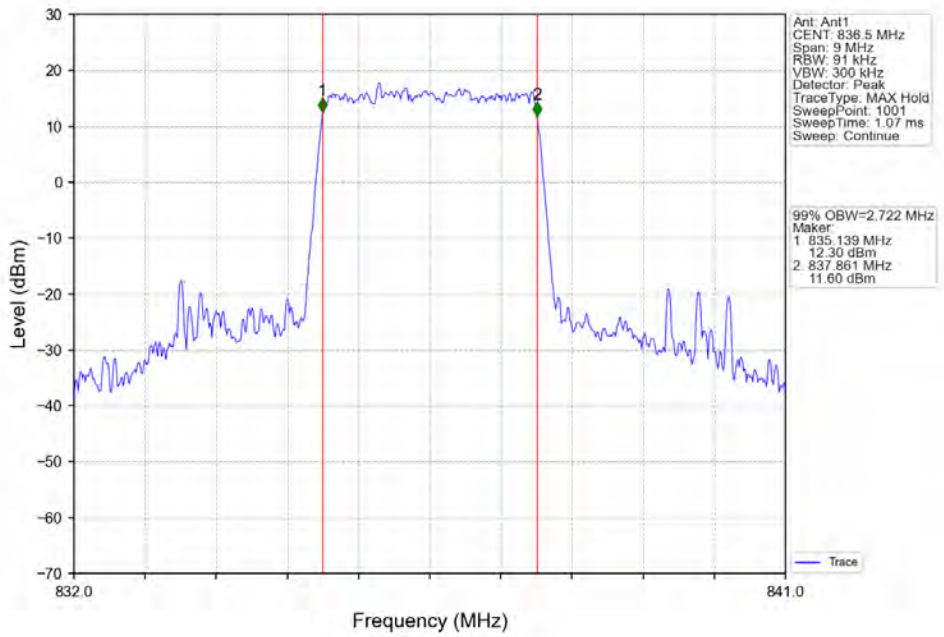
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

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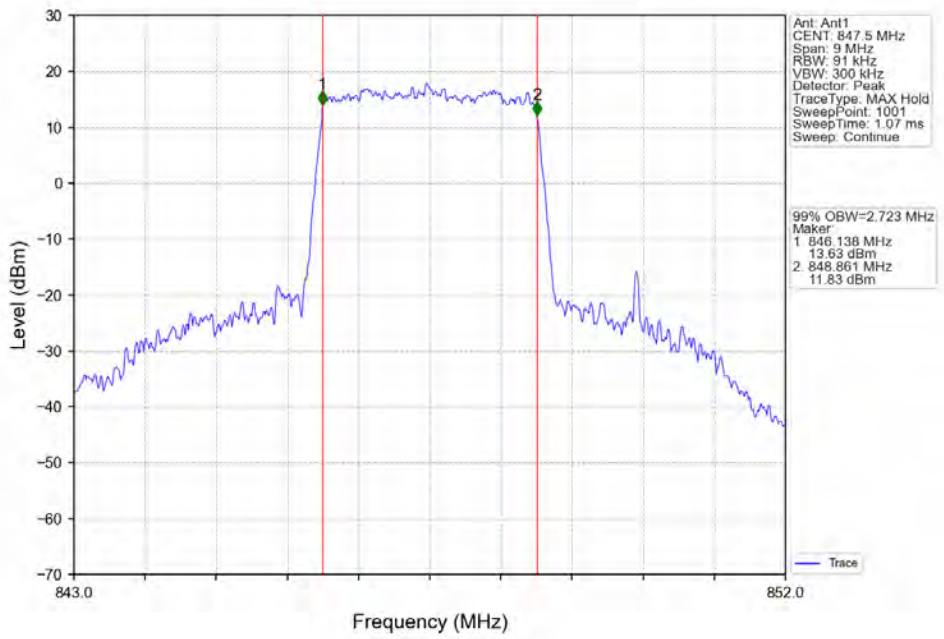

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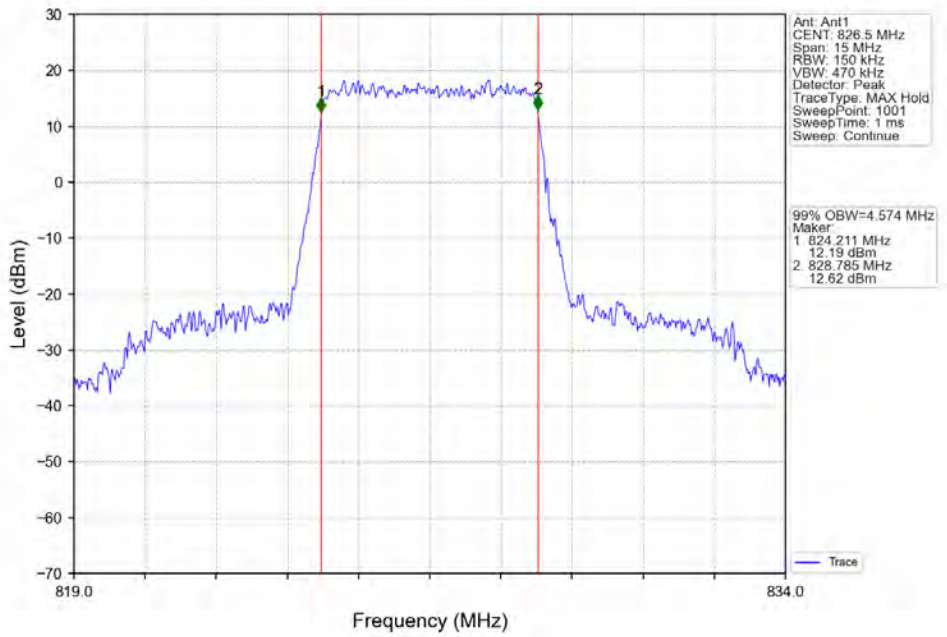
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV

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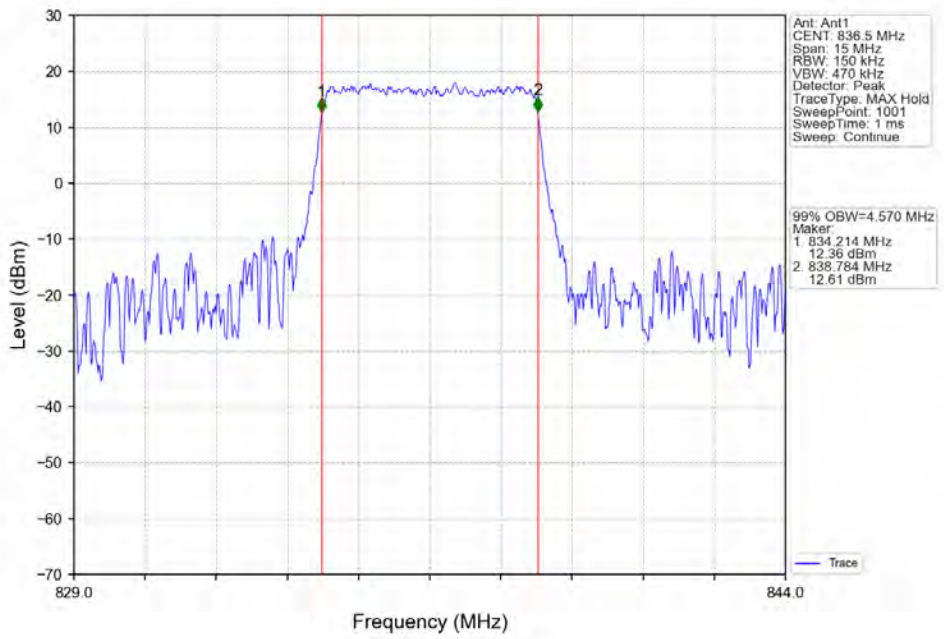

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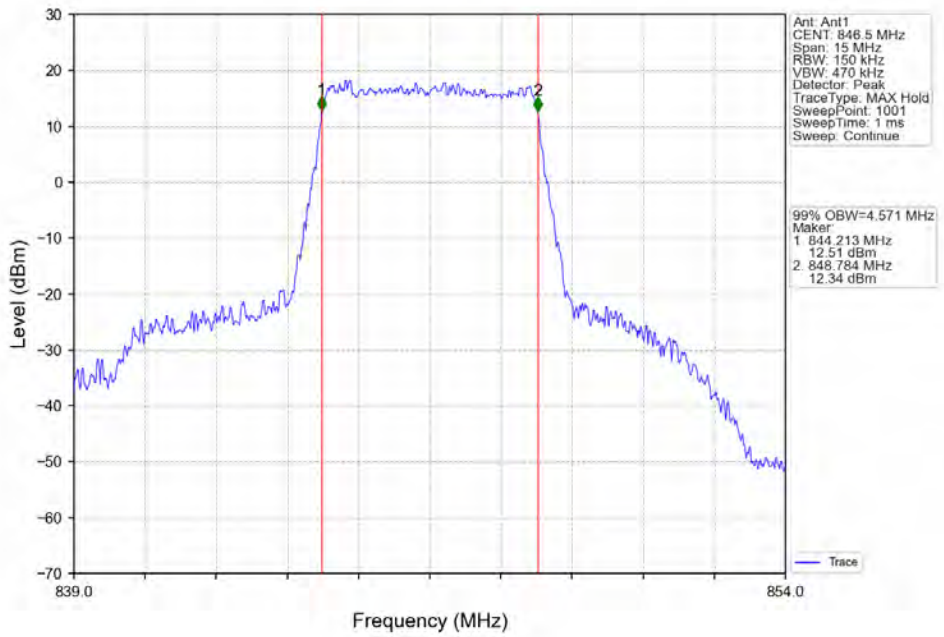

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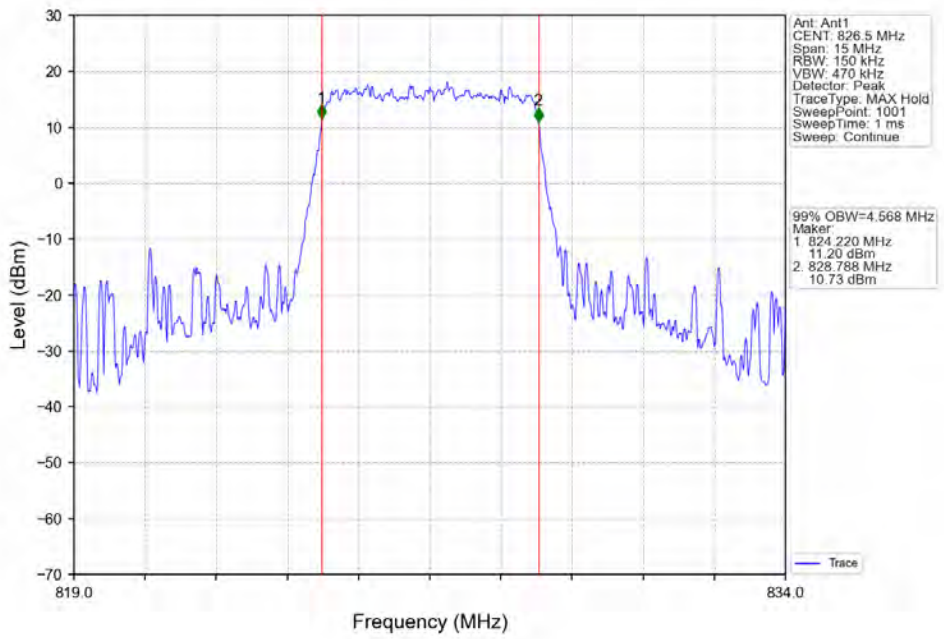

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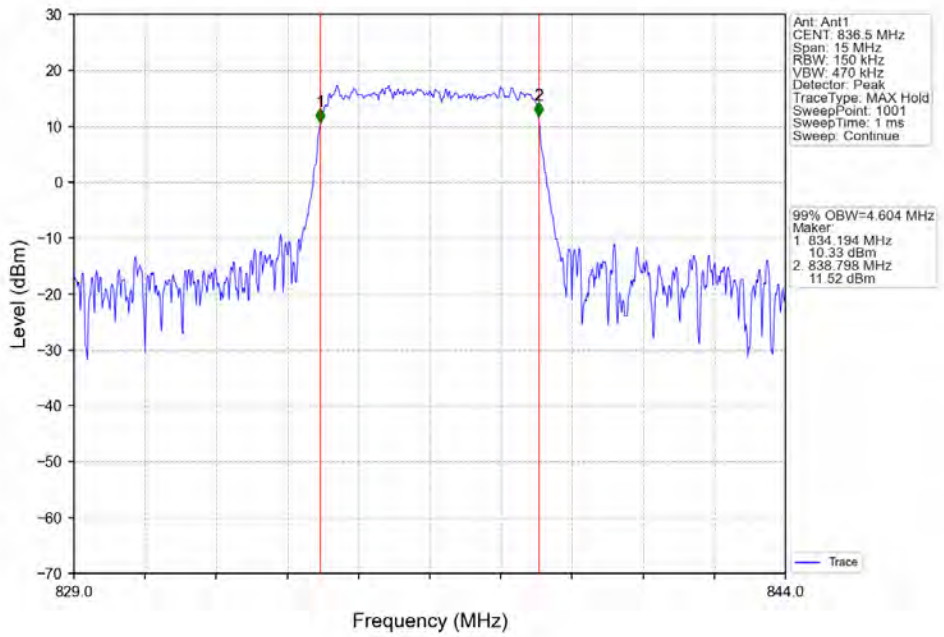
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

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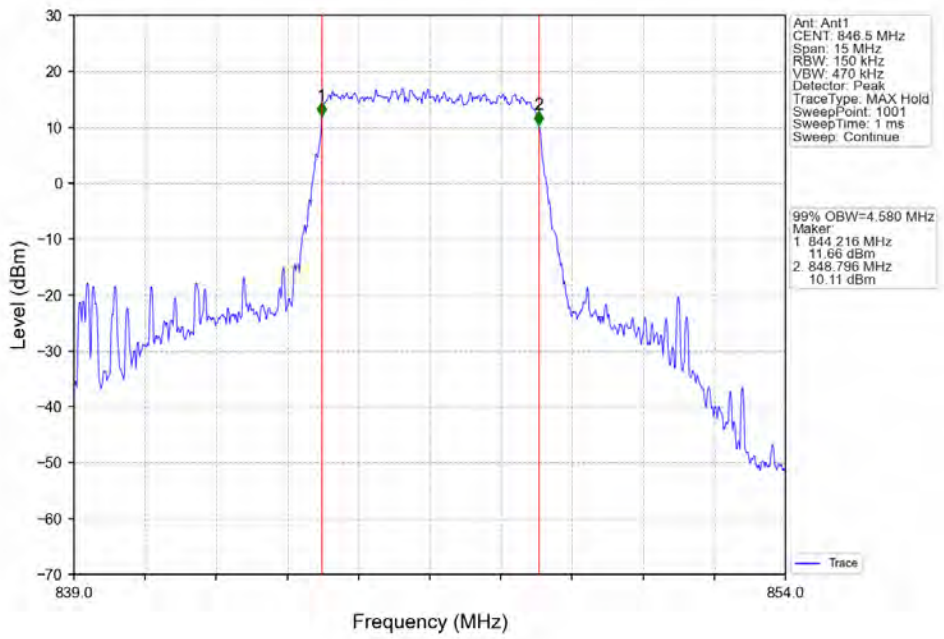

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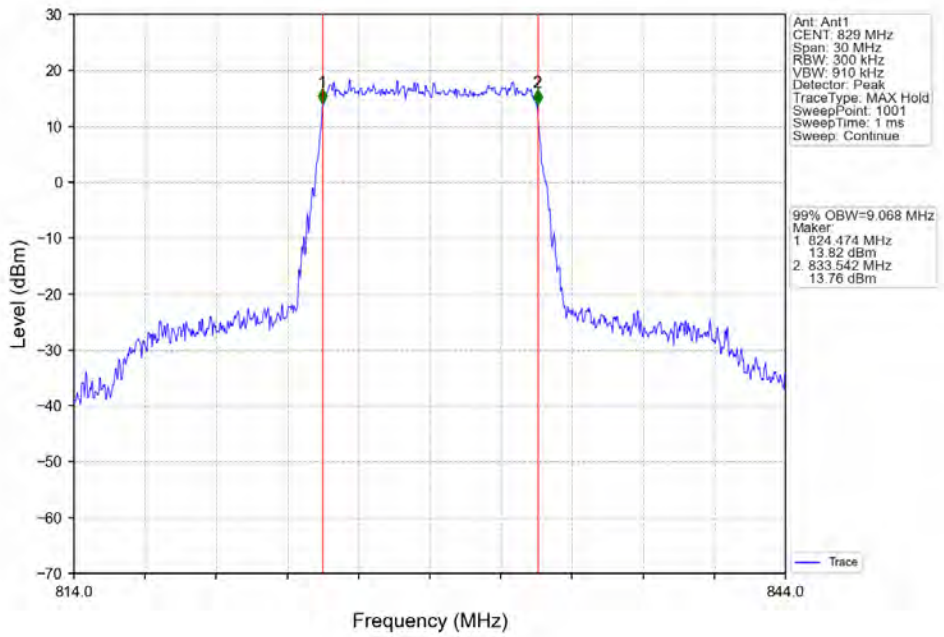
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



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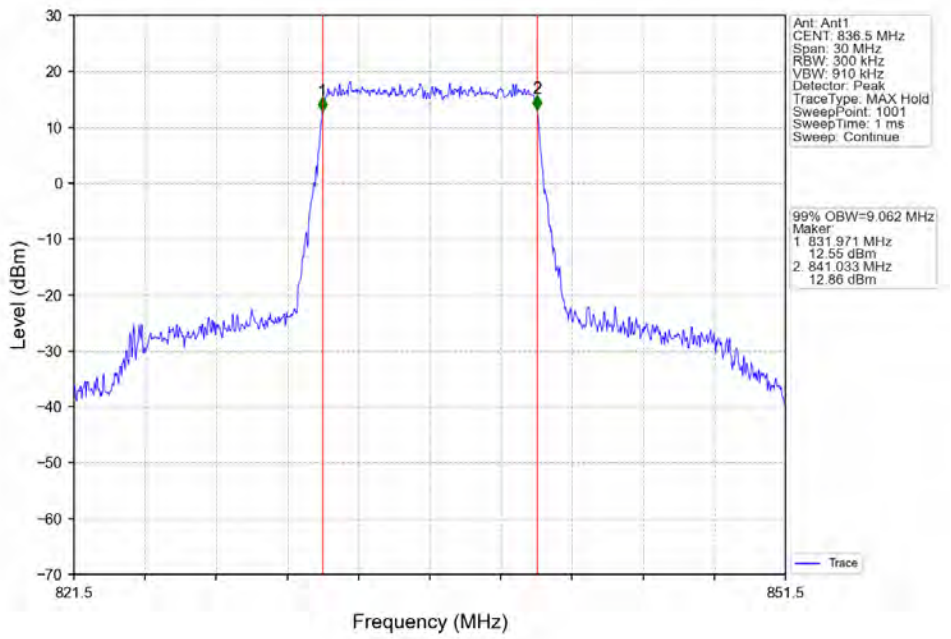

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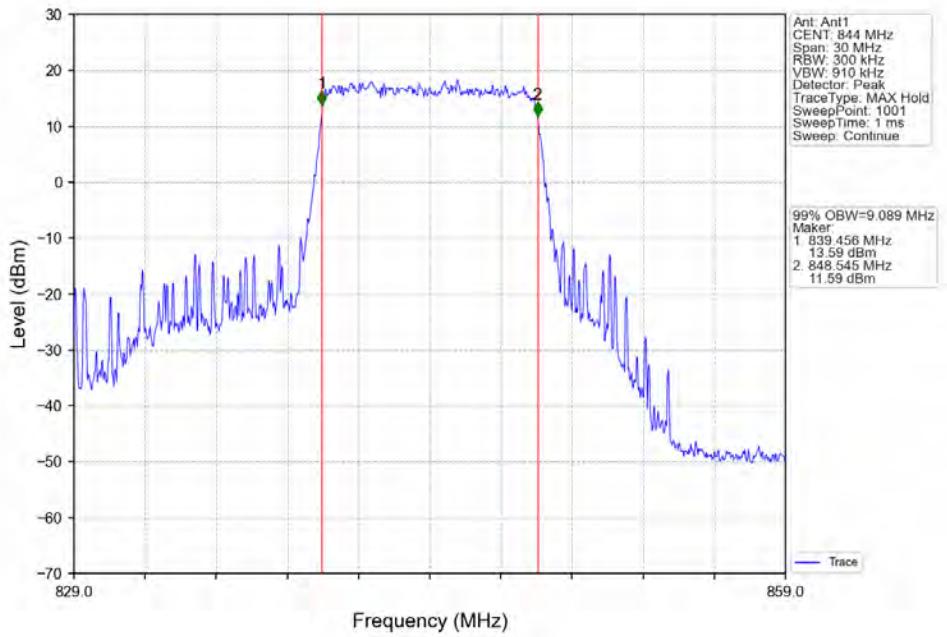
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



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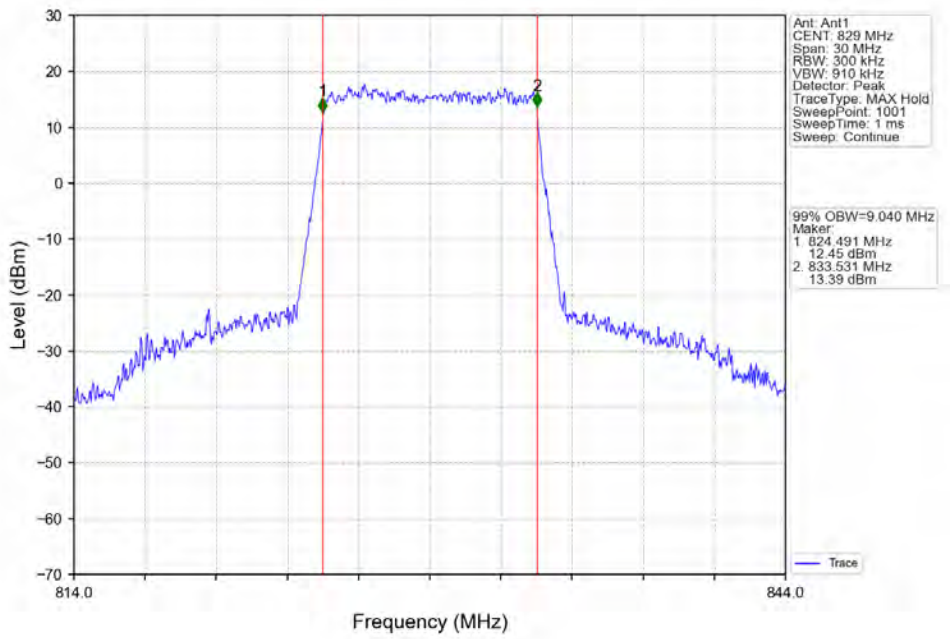

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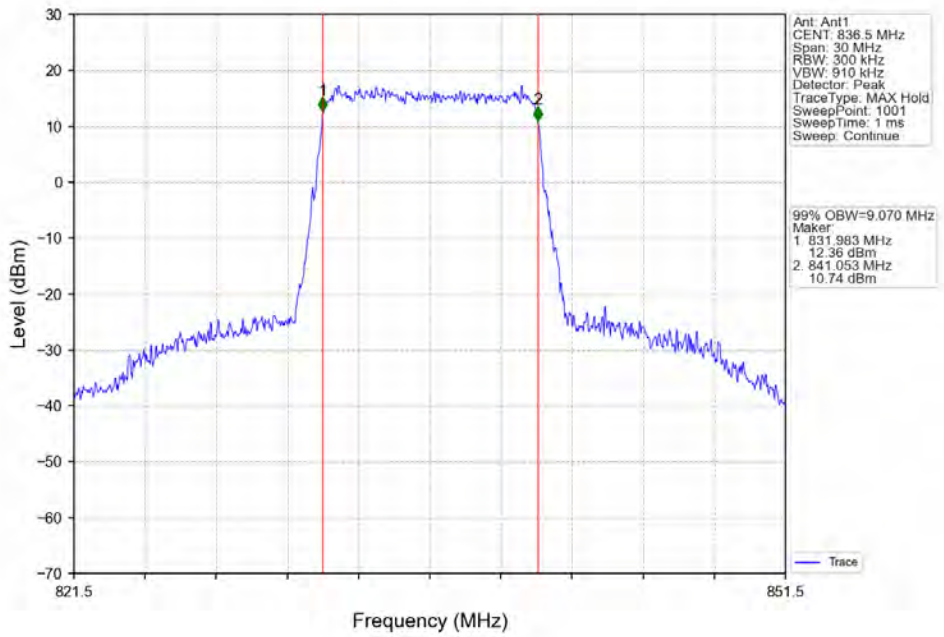

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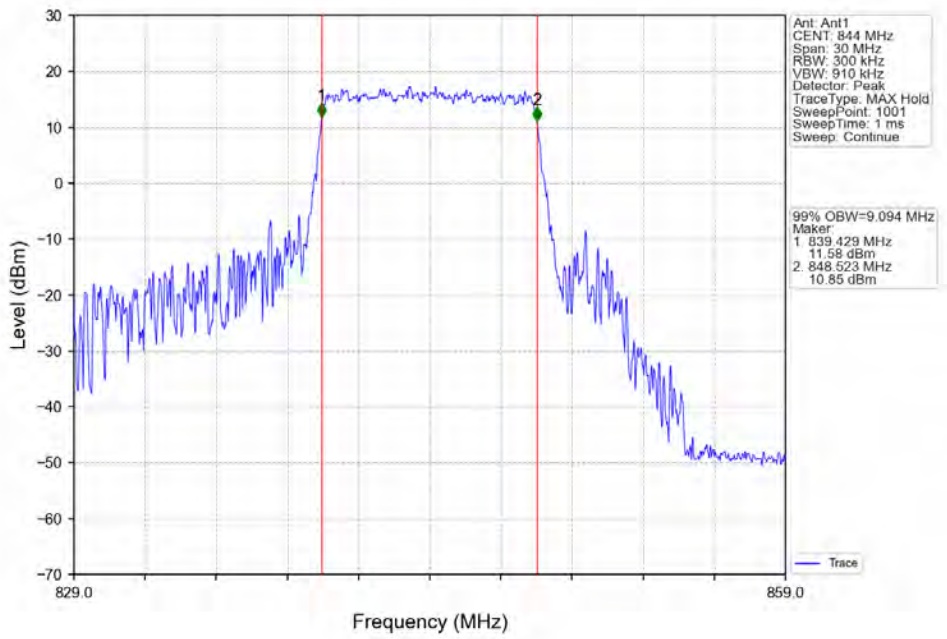

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3.2 Band5_XDB

3.2.1 Test Result

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.318	/	Pass
		836.5	6	0	1.319	/	Pass
		848.3	6	0	1.326	/	Pass
	16QAM	824.7	6	0	1.312	/	Pass
		836.5	6	0	1.311	/	Pass
		848.3	6	0	1.305	/	Pass
3	QPSK	825.5	15	0	2.986	/	Pass
		836.5	15	0	2.996	/	Pass
		847.5	15	0	2.996	/	Pass
	16QAM	825.5	15	0	2.966	/	Pass
		836.5	15	0	2.977	/	Pass
		847.5	15	0	3.006	/	Pass
5	QPSK	826.5	25	0	5.297	/	Pass
		836.5	25	0	5.276	/	Pass
		846.5	25	0	5.288	/	Pass
	16QAM	826.5	25	0	5.277	/	Pass
		836.5	25	0	5.309	/	Pass
		846.5	25	0	5.319	/	Pass
10	QPSK	829	50	0	10.287	/	Pass
		836.5	50	0	10.186	/	Pass
		844	50	0	10.254	/	Pass
	16QAM	829	50	0	10.209	/	Pass
		836.5	50	0	10.252	/	Pass
		844	50	0	13.370	/	Pass

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3.2.2 Test Graph

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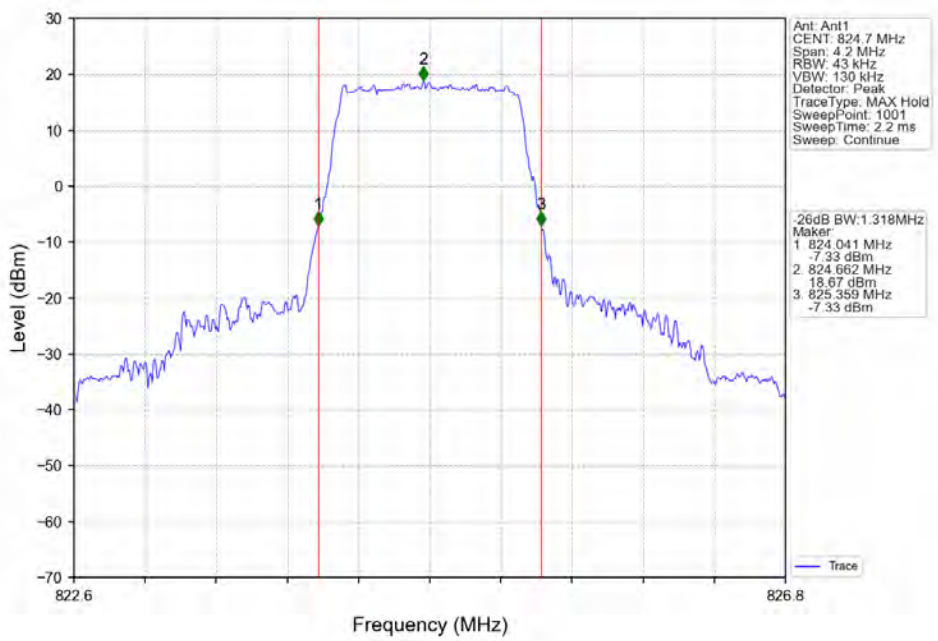

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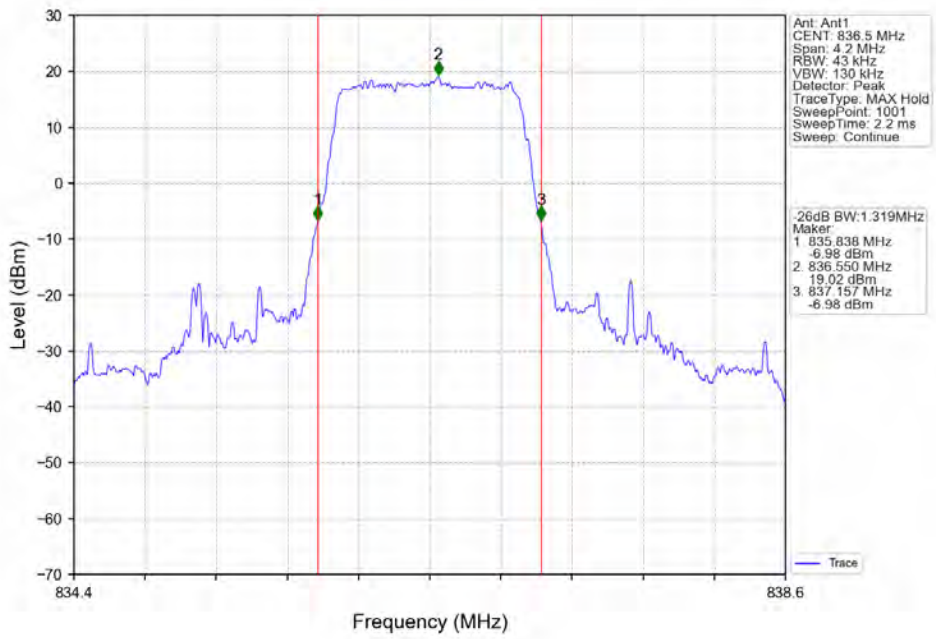

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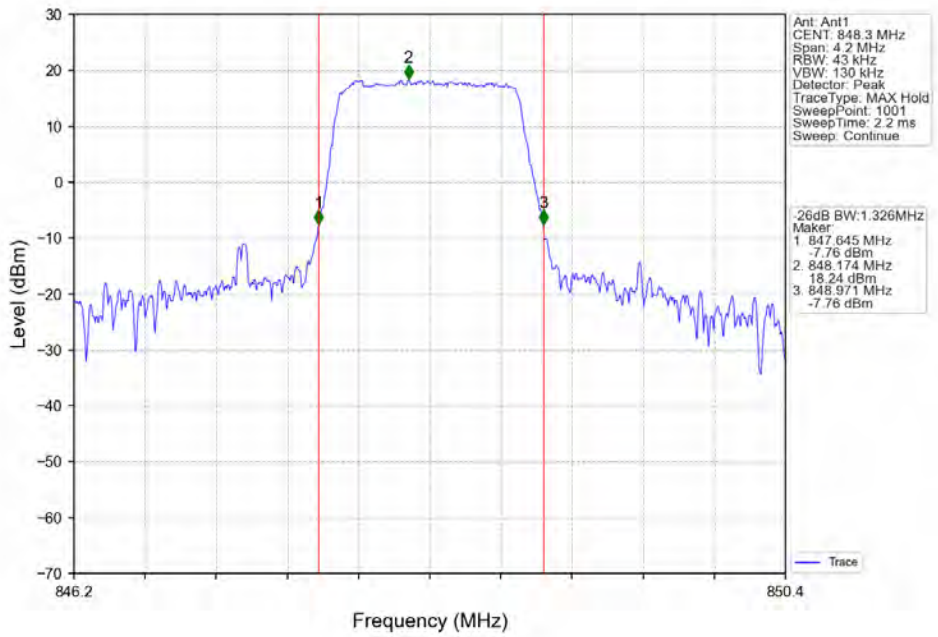

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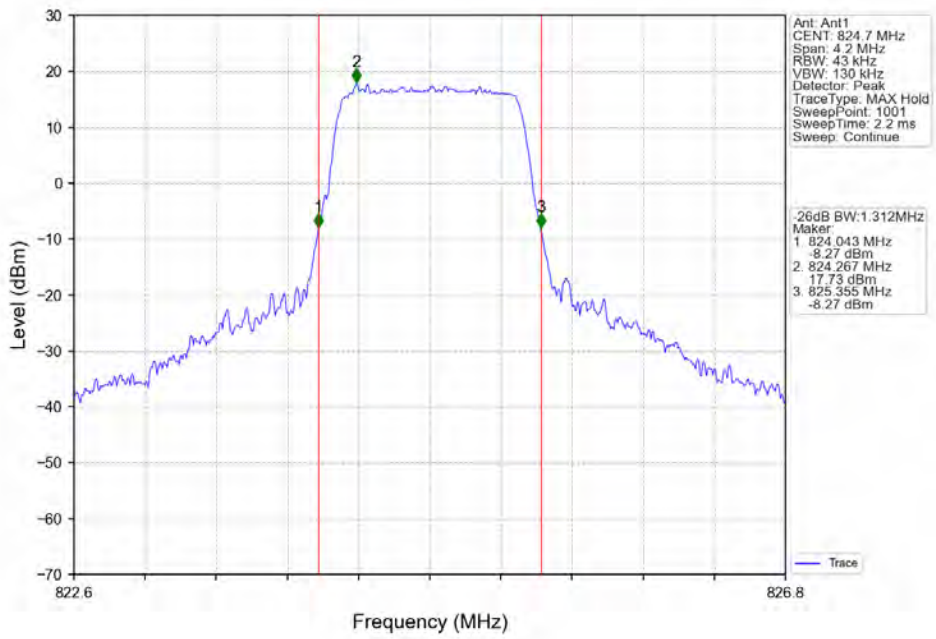

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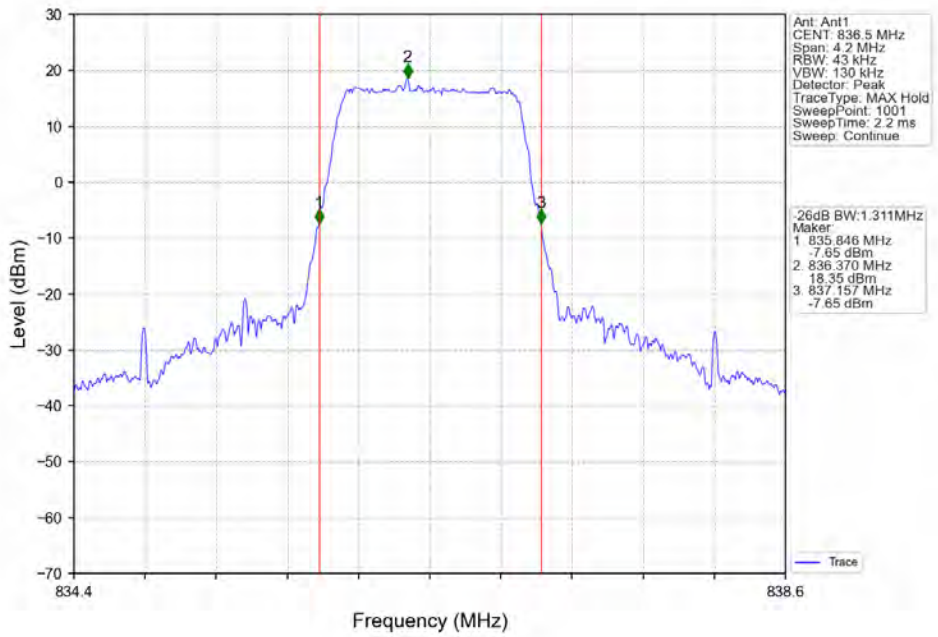

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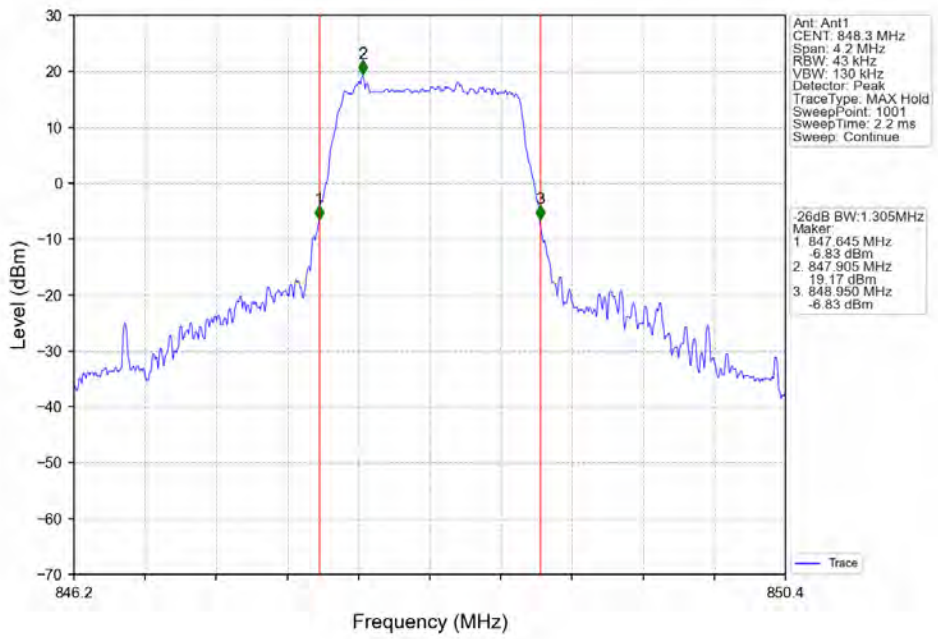

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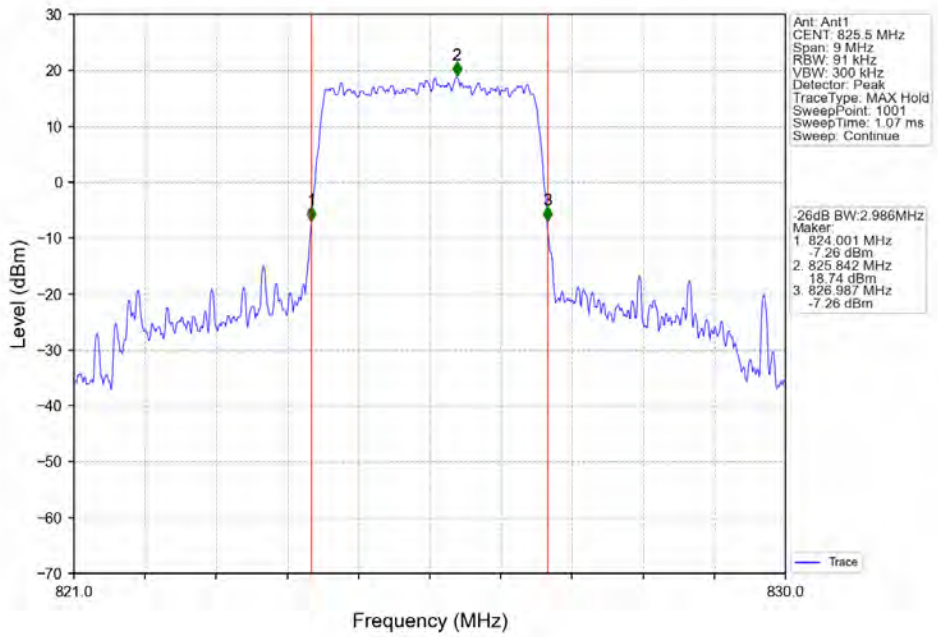

Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

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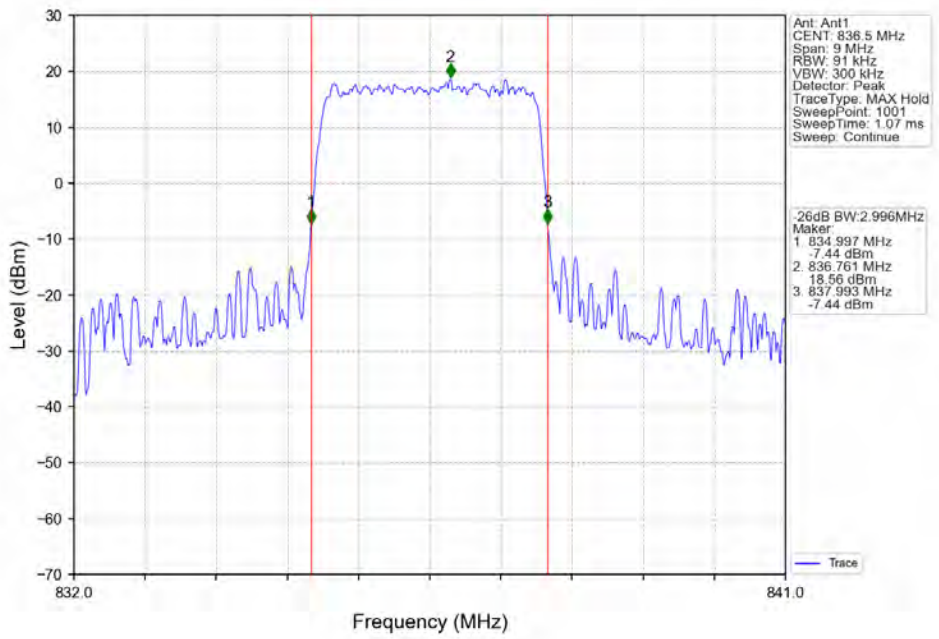

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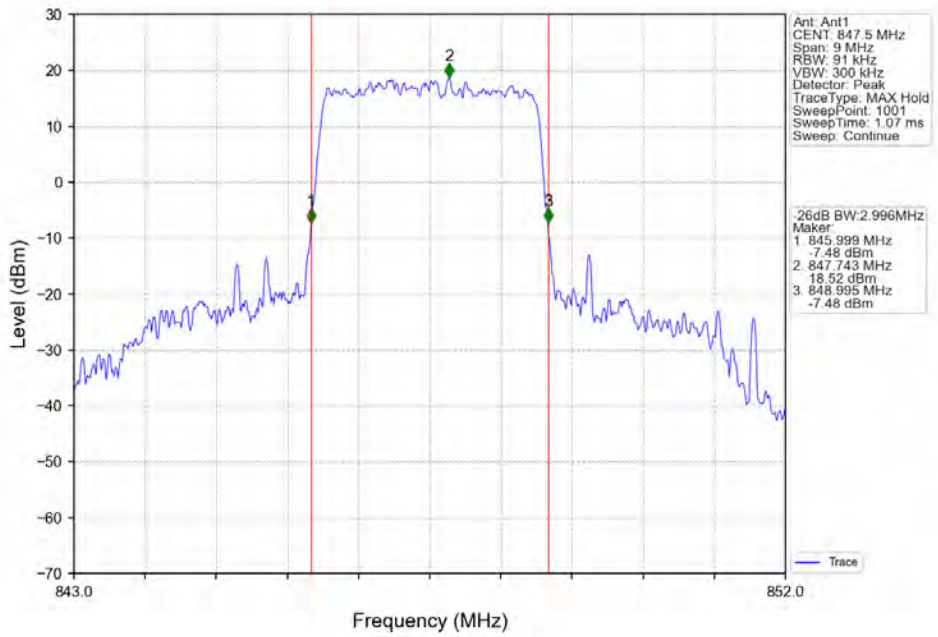
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

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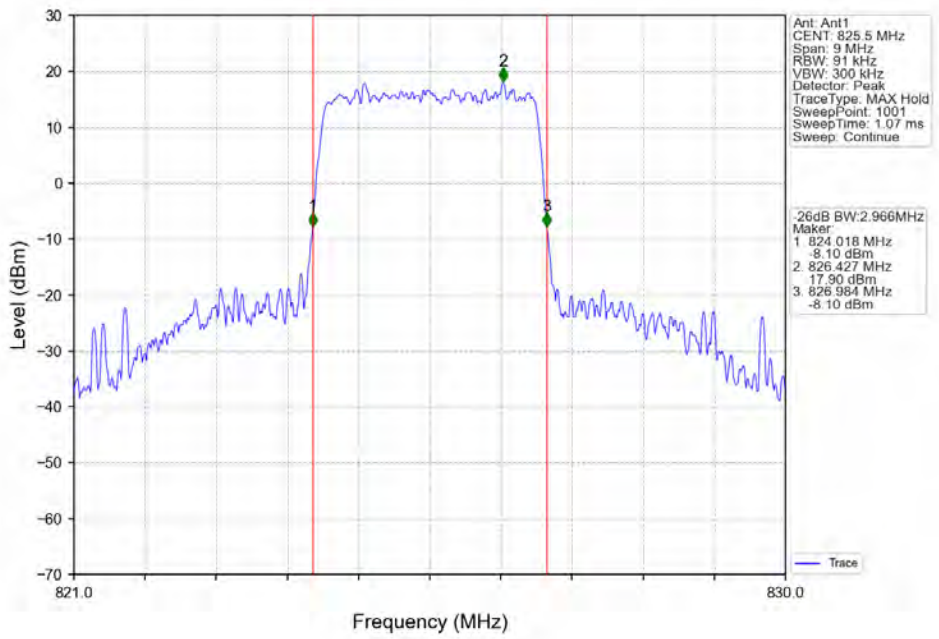

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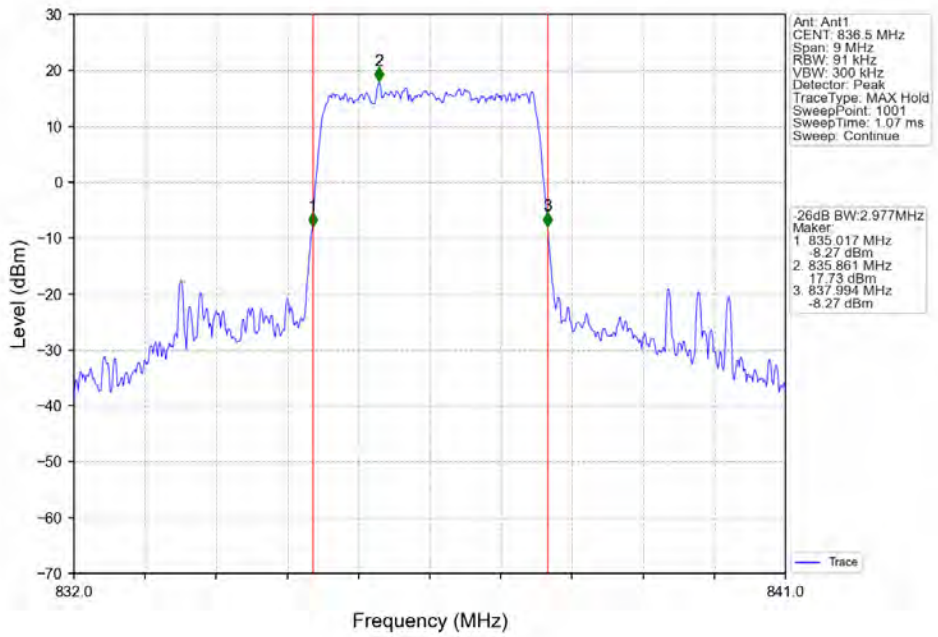

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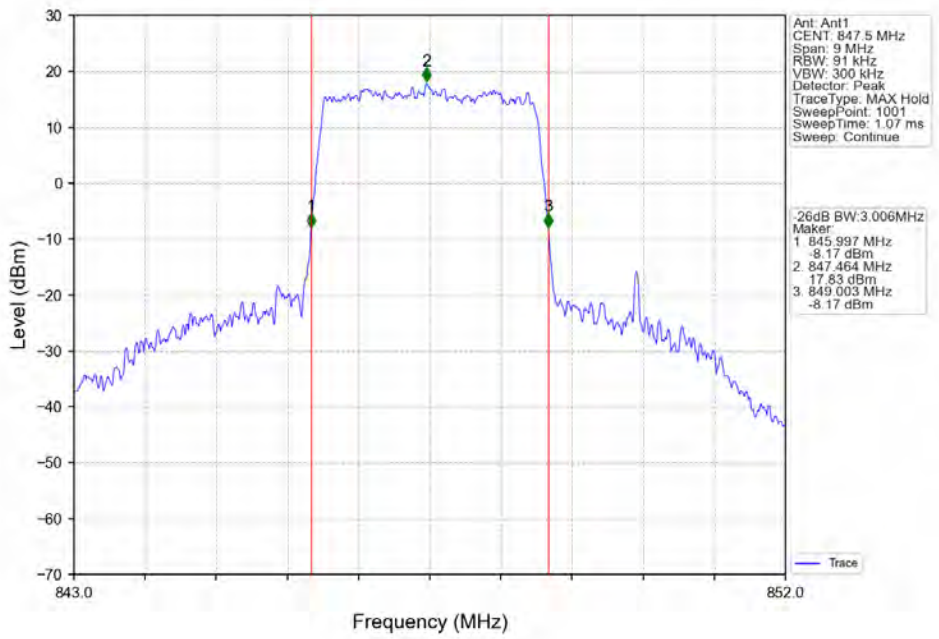

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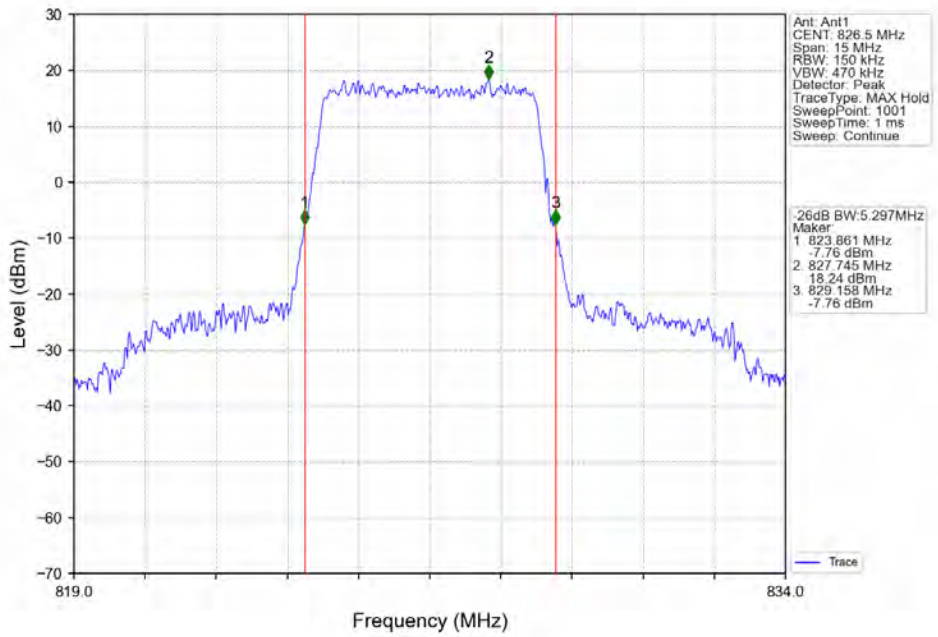
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



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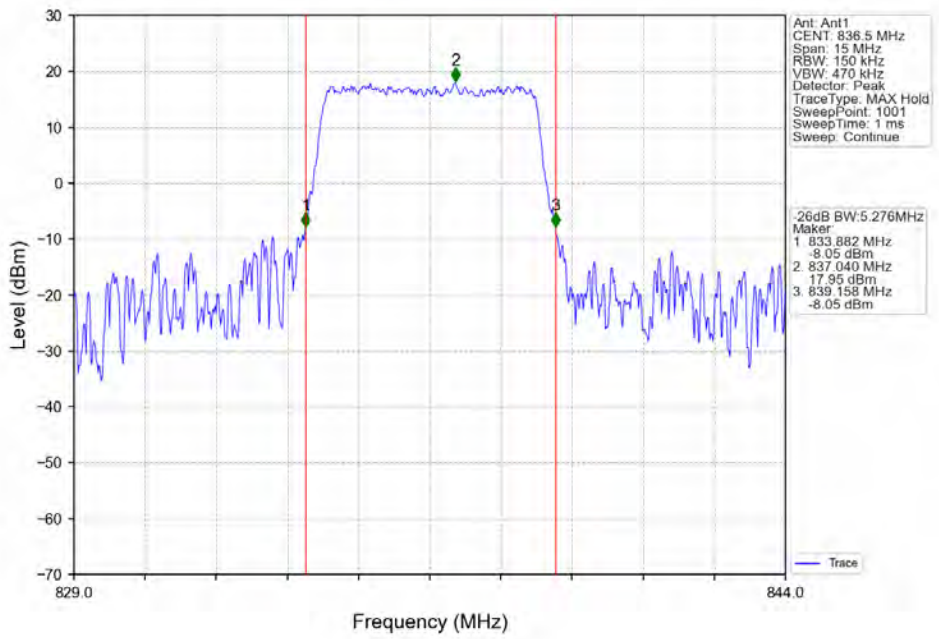

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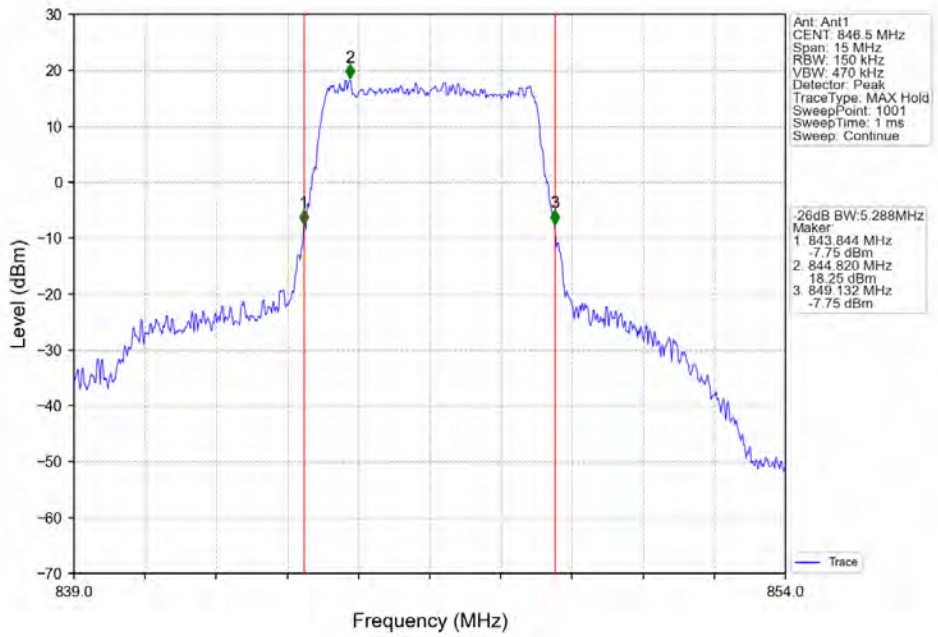

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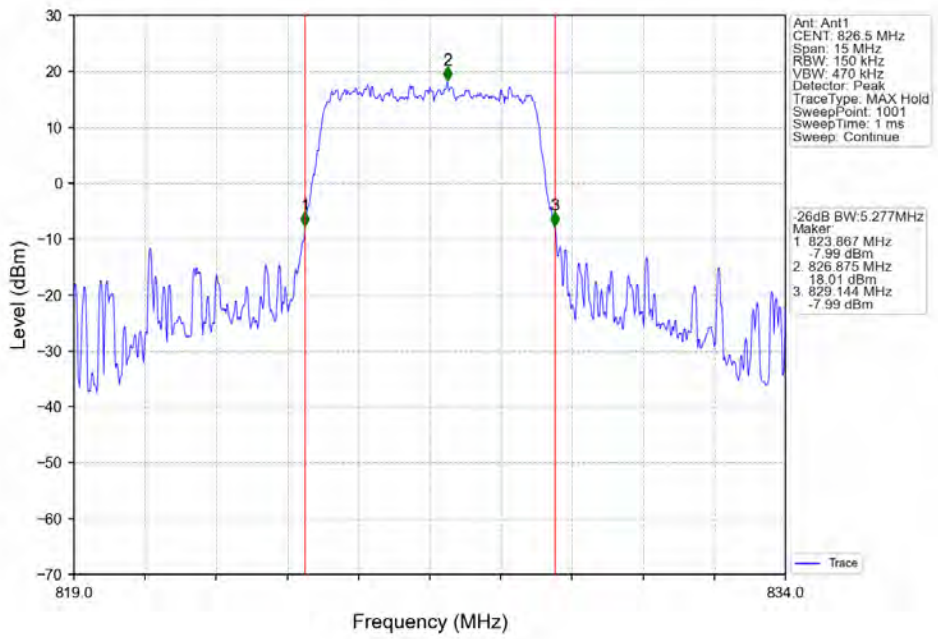

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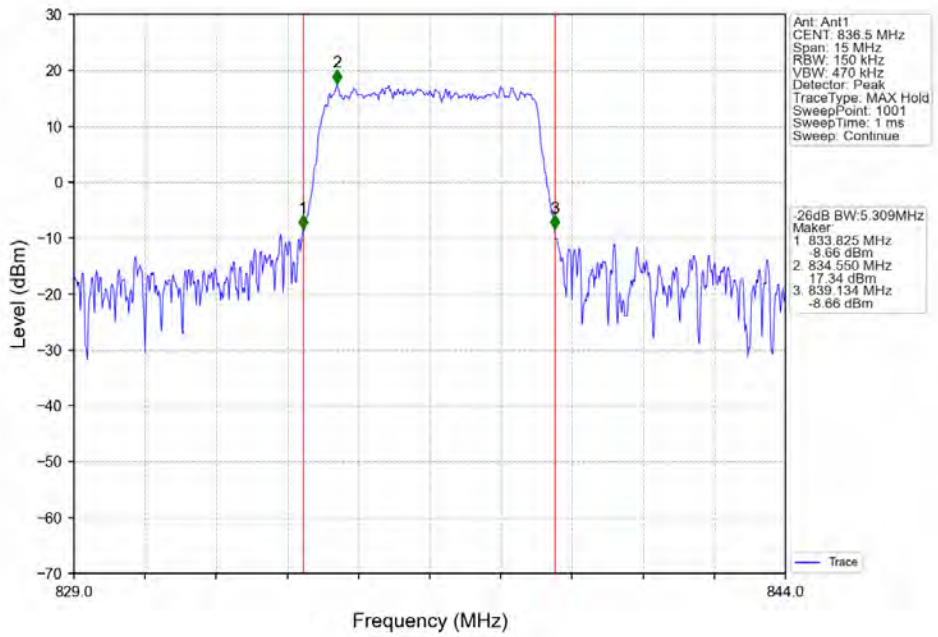

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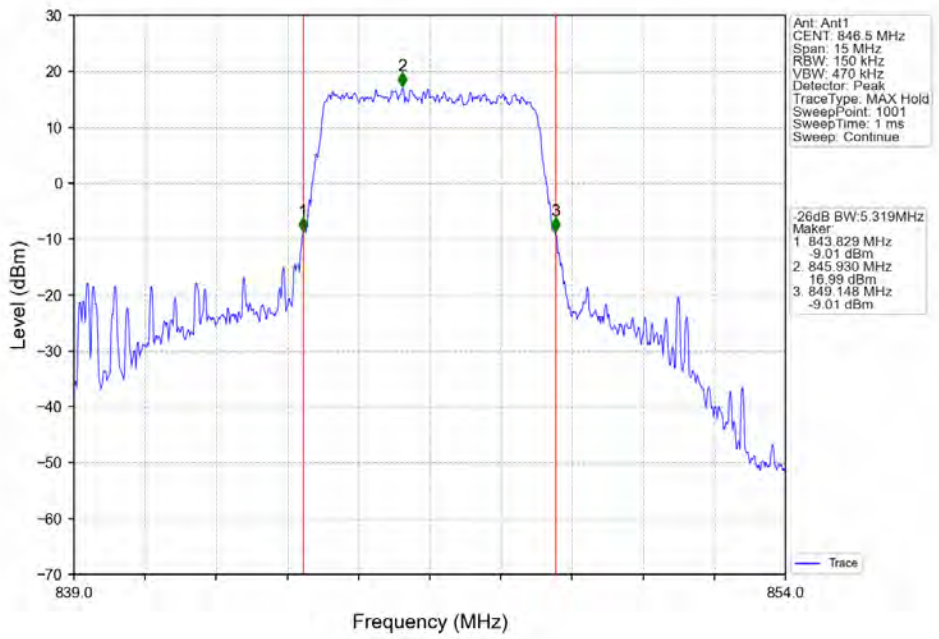

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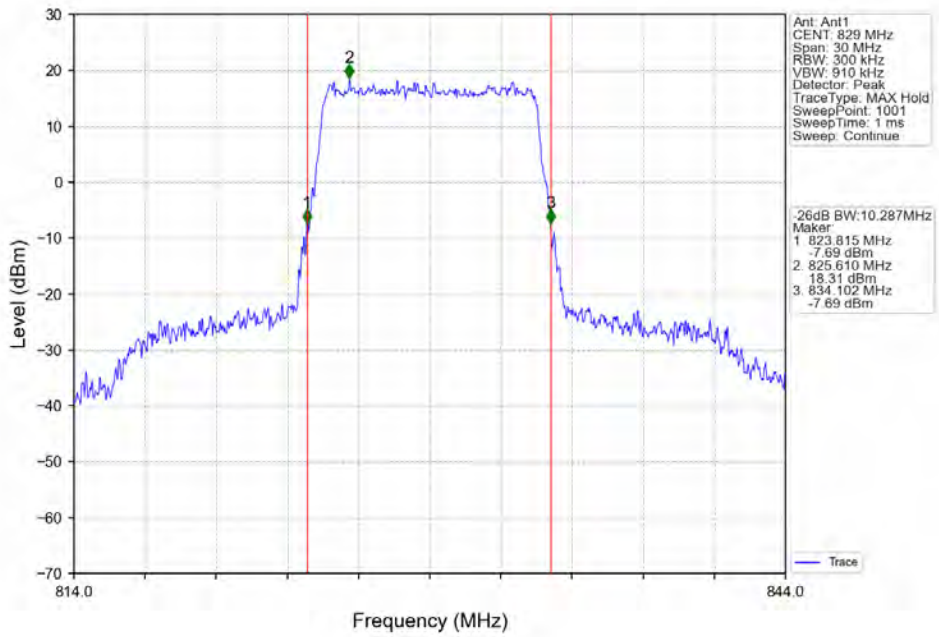
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

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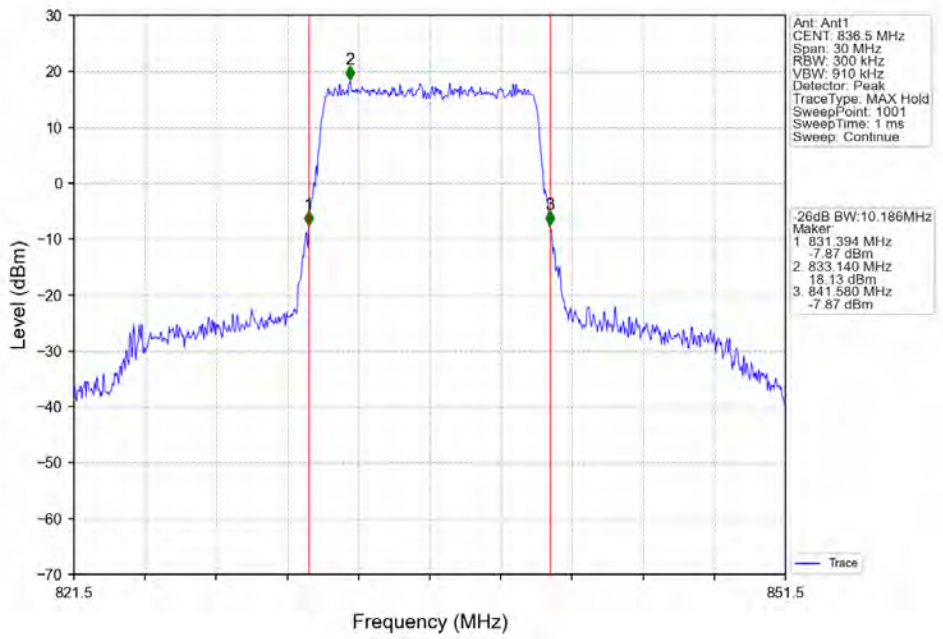

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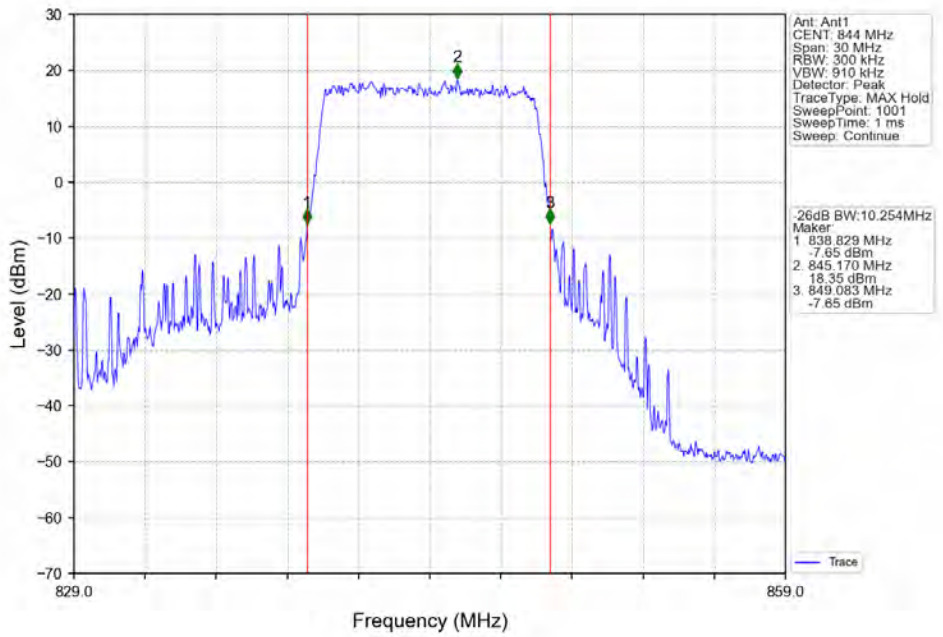
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

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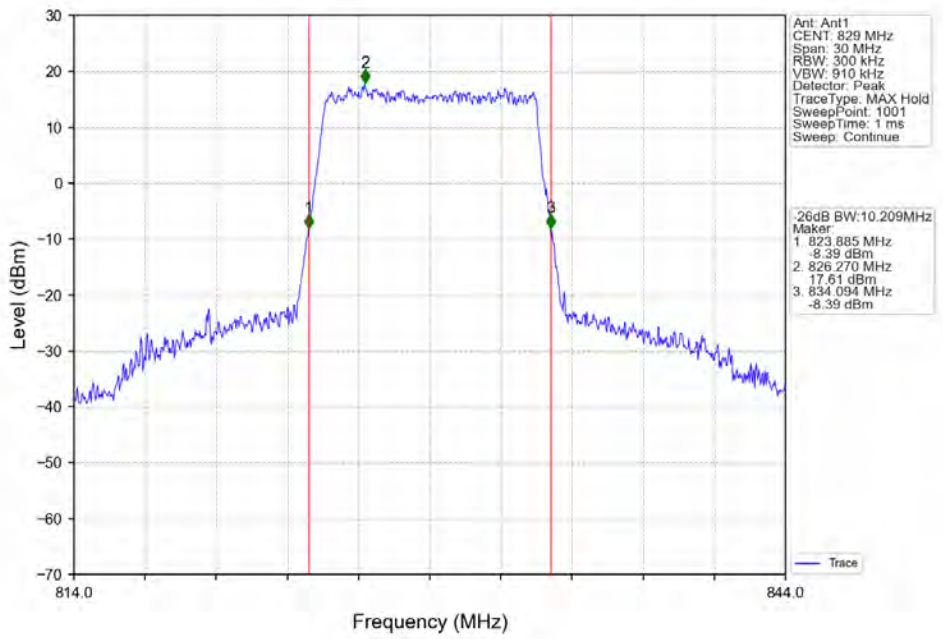

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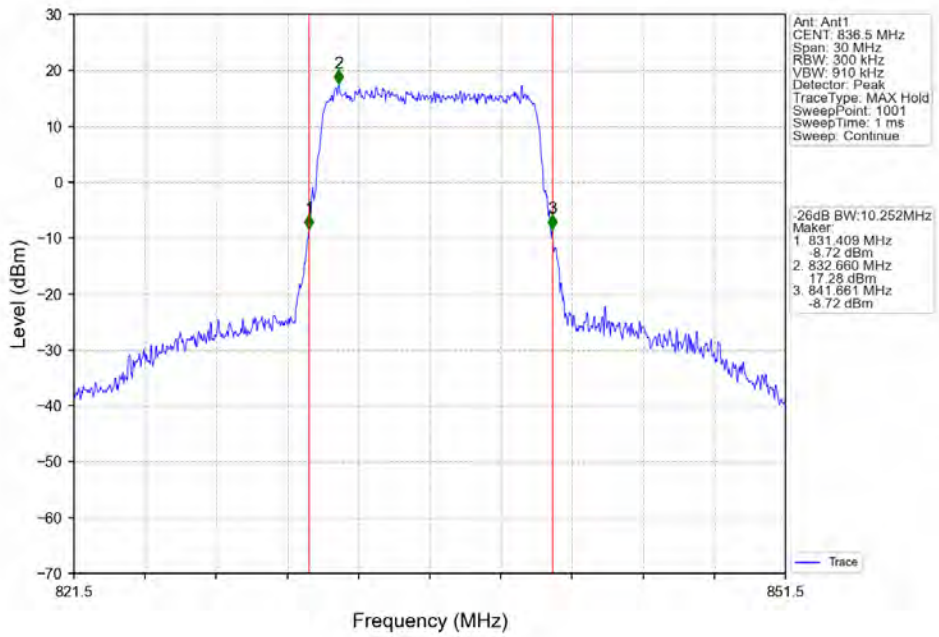

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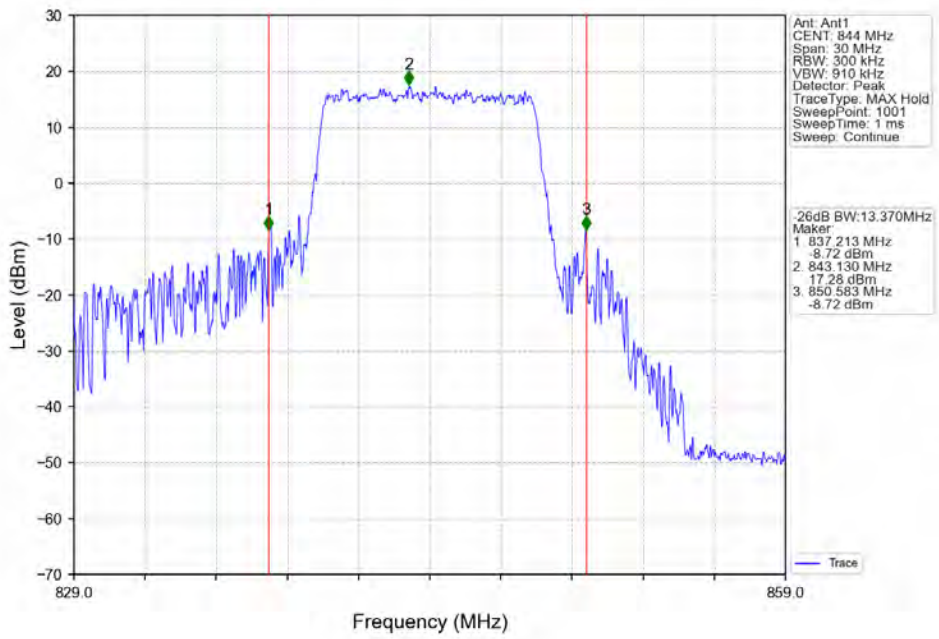

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4. Peak-Average Ratio

4.1 B5_1.4MHz

4.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	5.13	<=13	Pass
	836.5	6	0	5.39	<=13	Pass
	848.3	6	0	5.01	<=13	Pass
16QAM	824.7	6	0	5.97	<=13	Pass
	836.5	6	0	6.14	<=13	Pass
	848.3	6	0	5.76	<=13	Pass

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4.1.2 Test Graph

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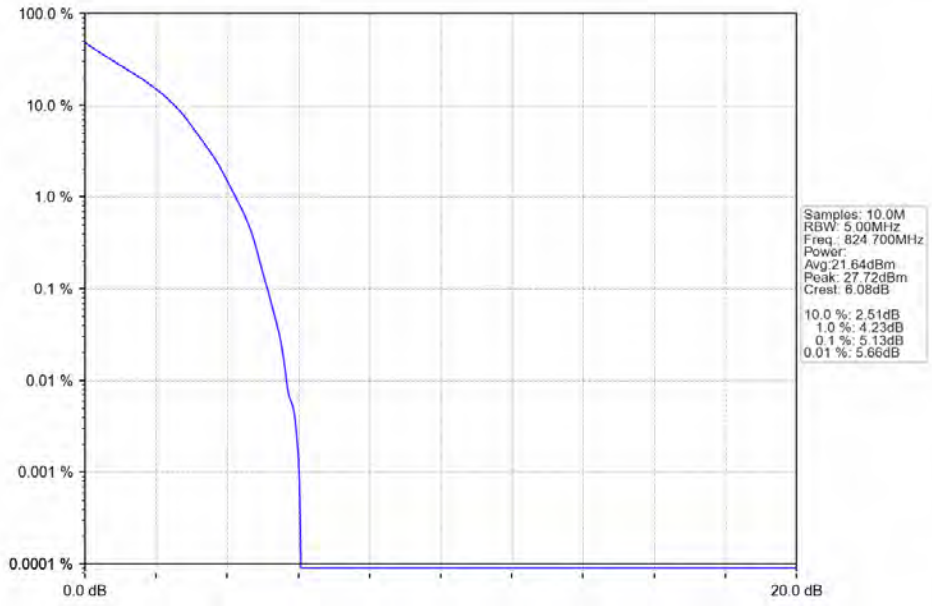

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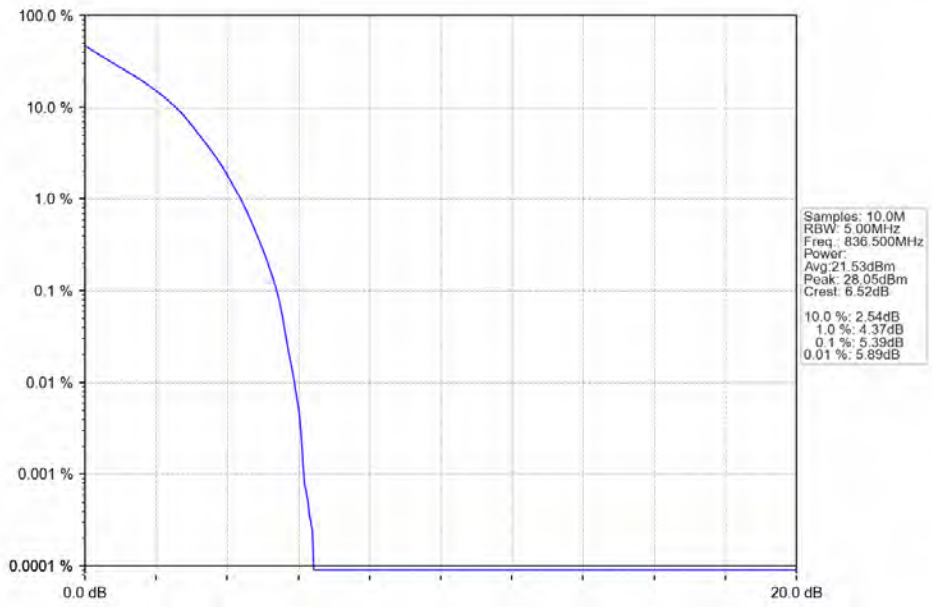

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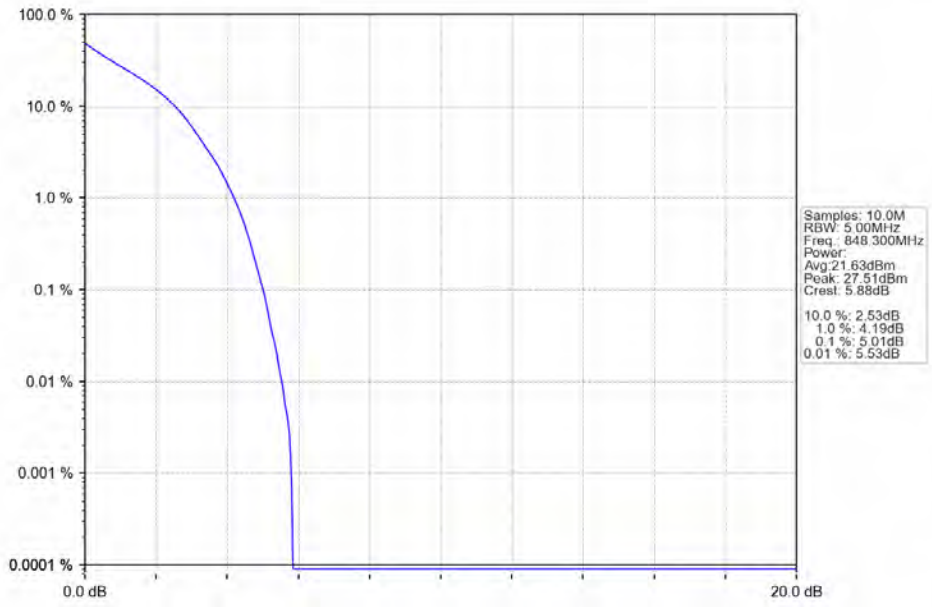

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

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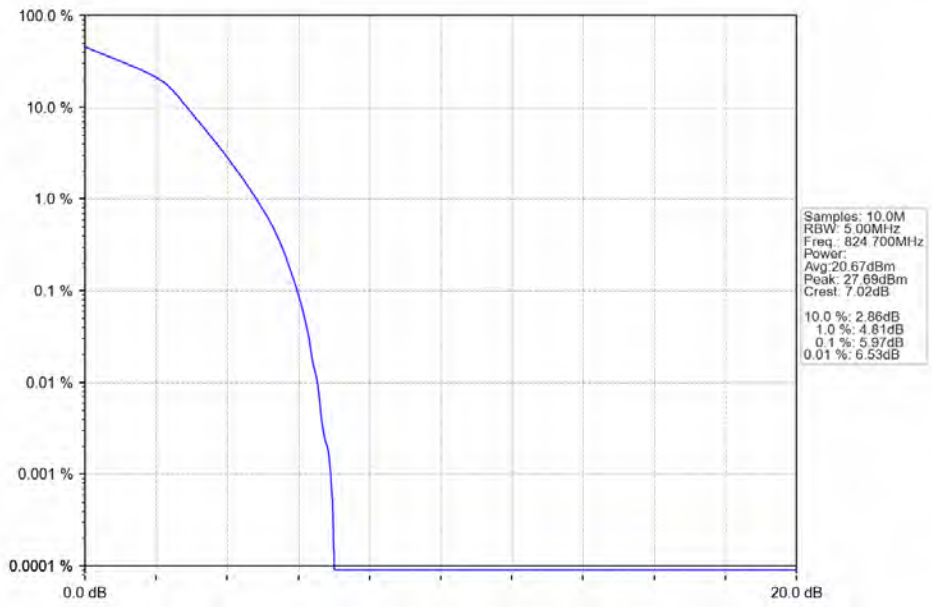

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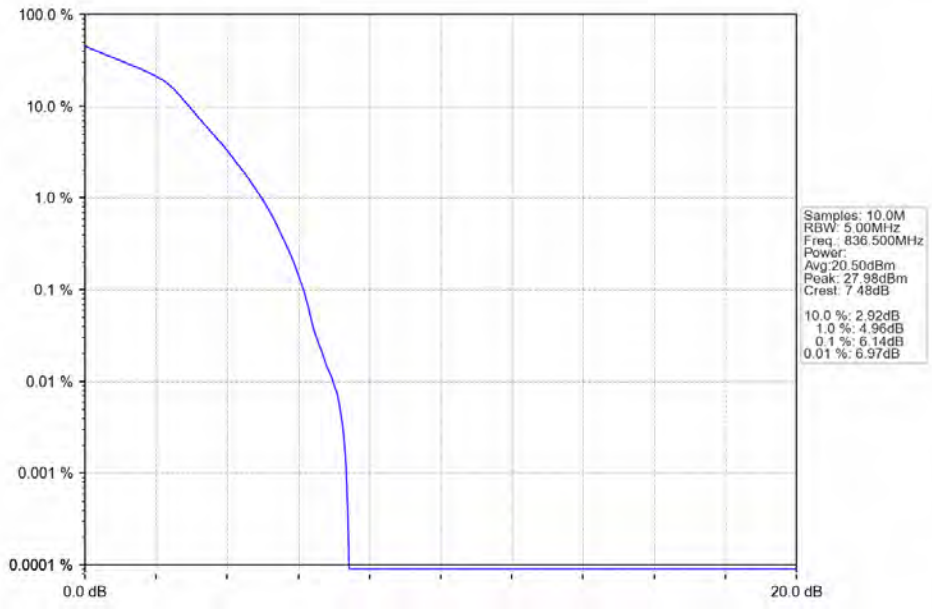

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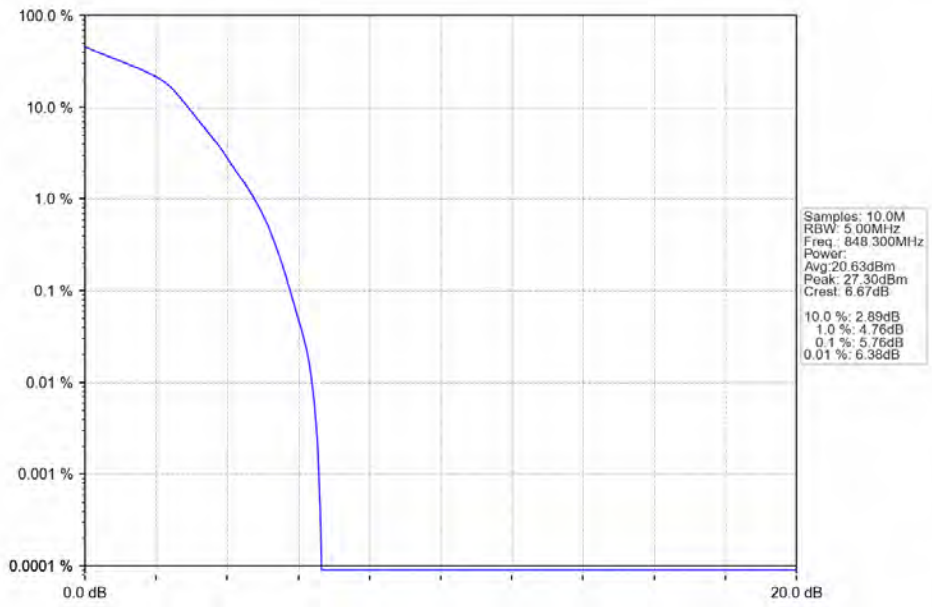

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4.2 B5_3MHz

4.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.29	<=13	Pass
	836.5	15	0	5.39	<=13	Pass
	847.5	15	0	5.15	<=13	Pass
16QAM	825.5	15	0	6.08	<=13	Pass
	836.5	15	0	6.21	<=13	Pass
	847.5	15	0	5.96	<=13	Pass

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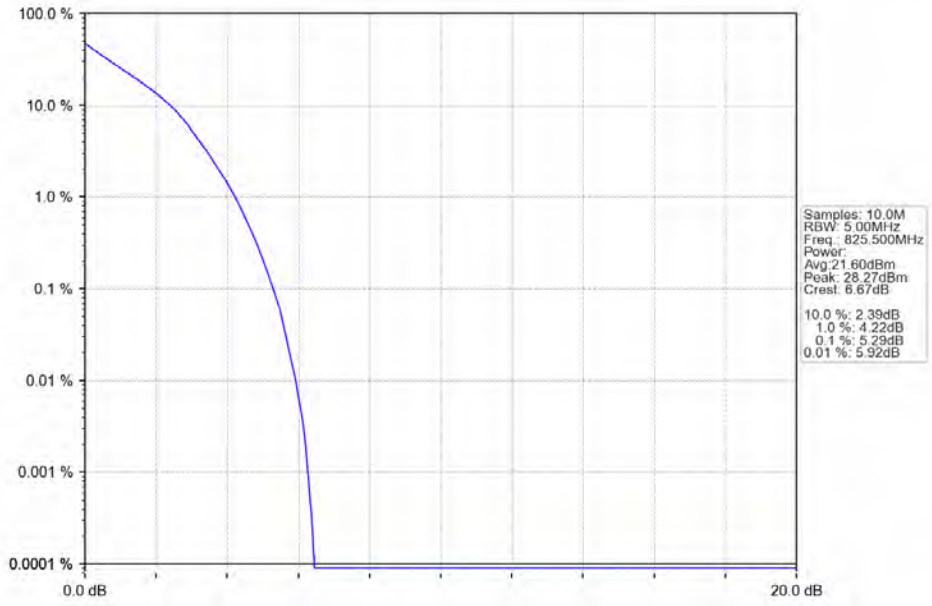
4.2.2 Test Graph

Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

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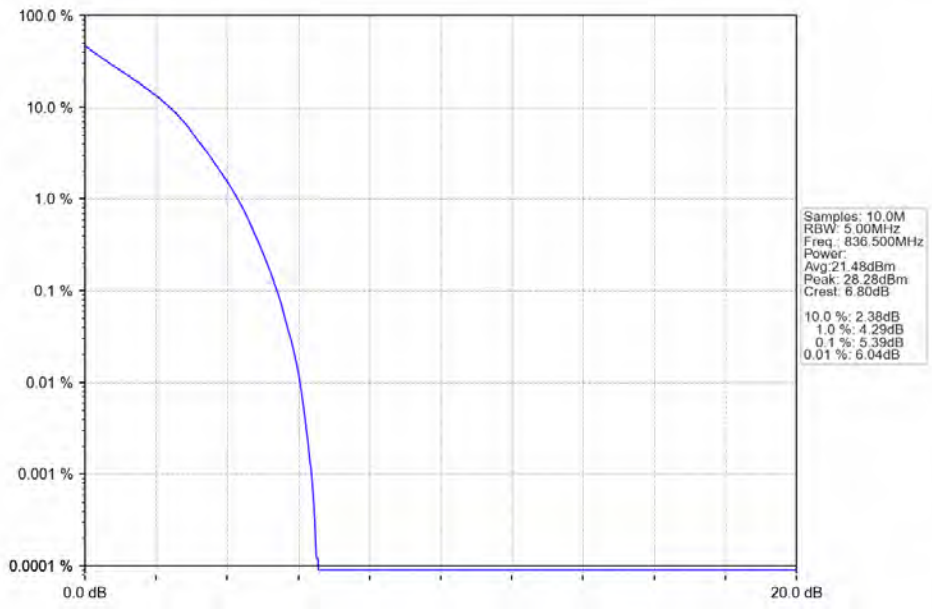

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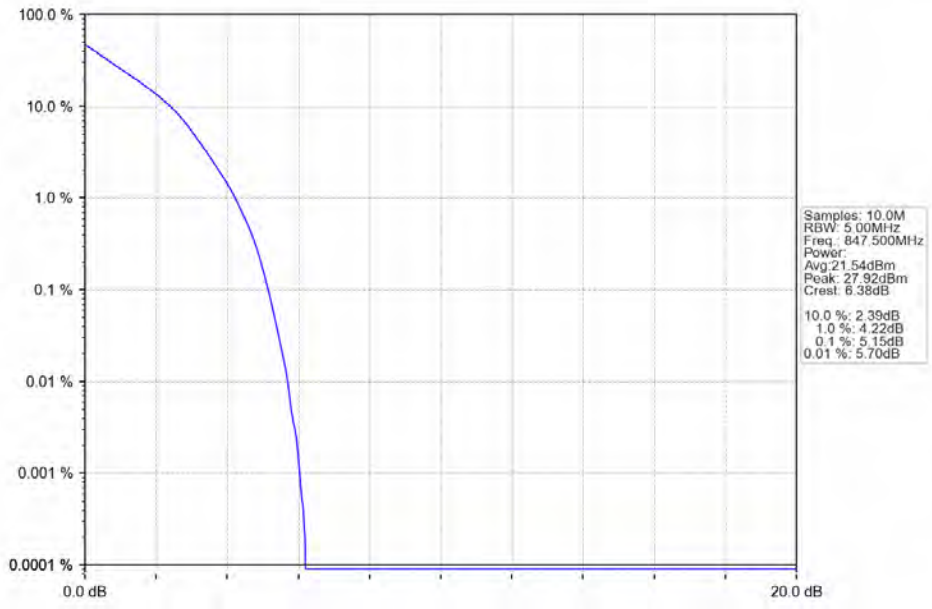
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

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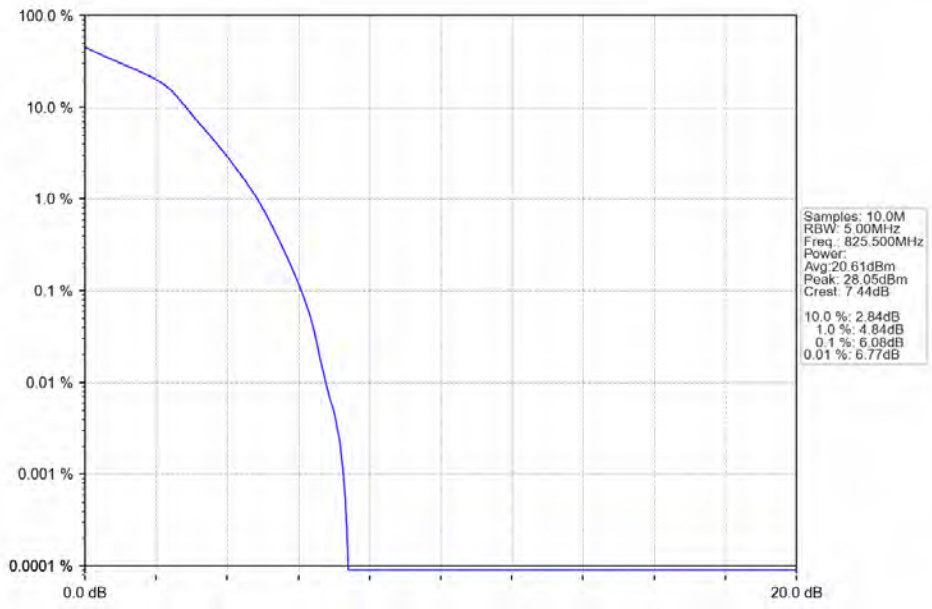

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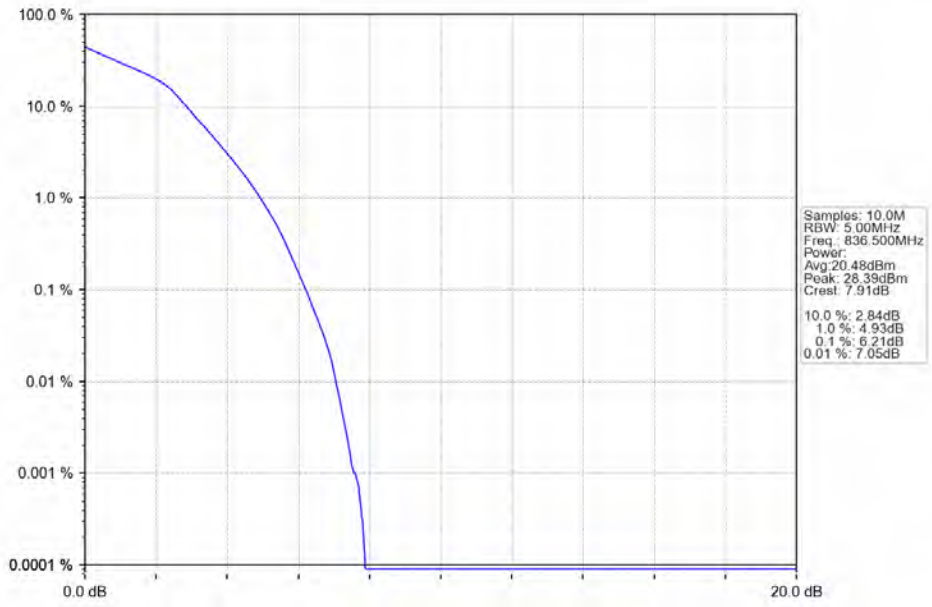
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

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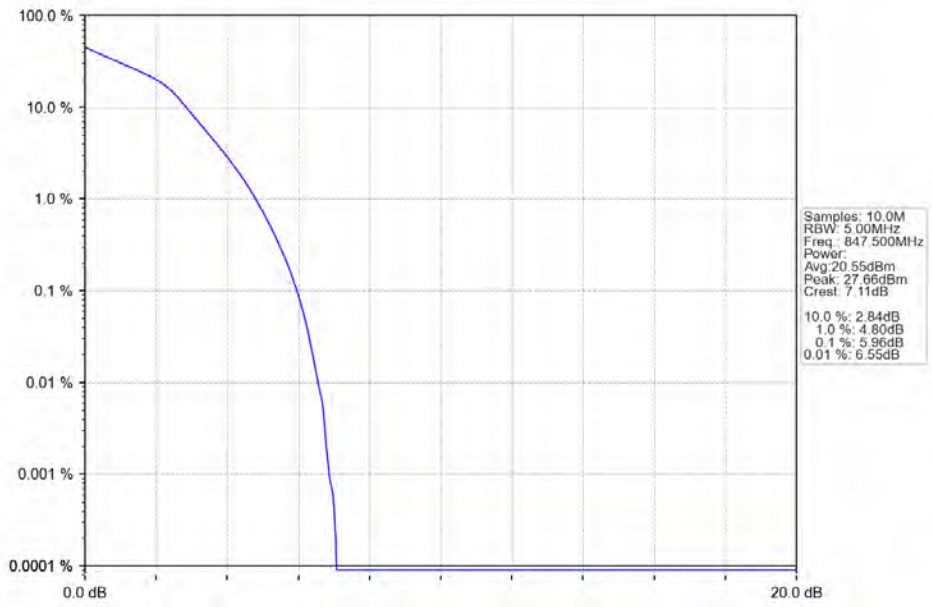

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4.3 B5_5MHz

4.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.47	<=13	Pass
	836.5	25	0	5.61	<=13	Pass
	846.5	25	0	5.37	<=13	Pass
16QAM	826.5	25	0	6.11	<=13	Pass
	836.5	25	0	6.25	<=13	Pass
	846.5	25	0	6.09	<=13	Pass

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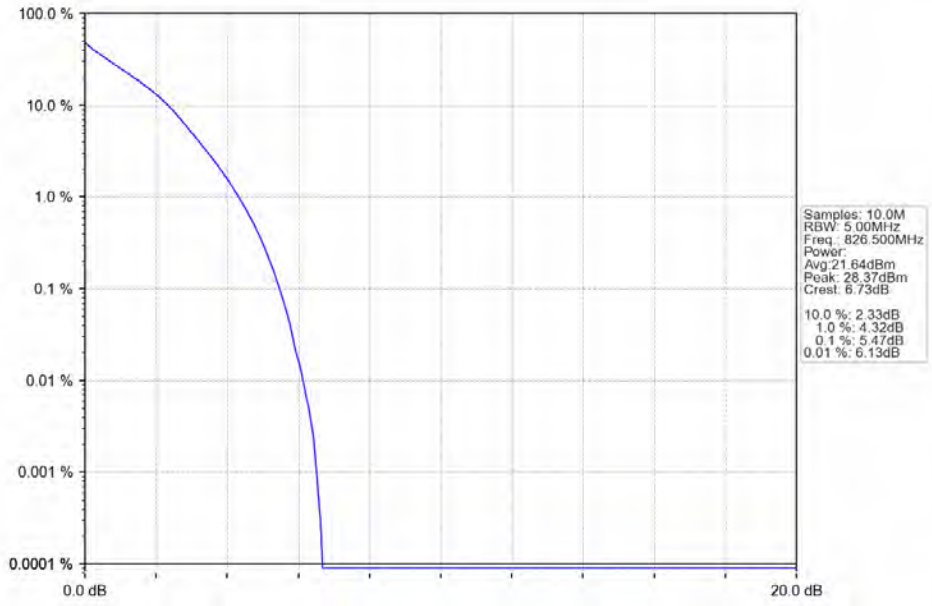
4.3.2 Test Graph

Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV

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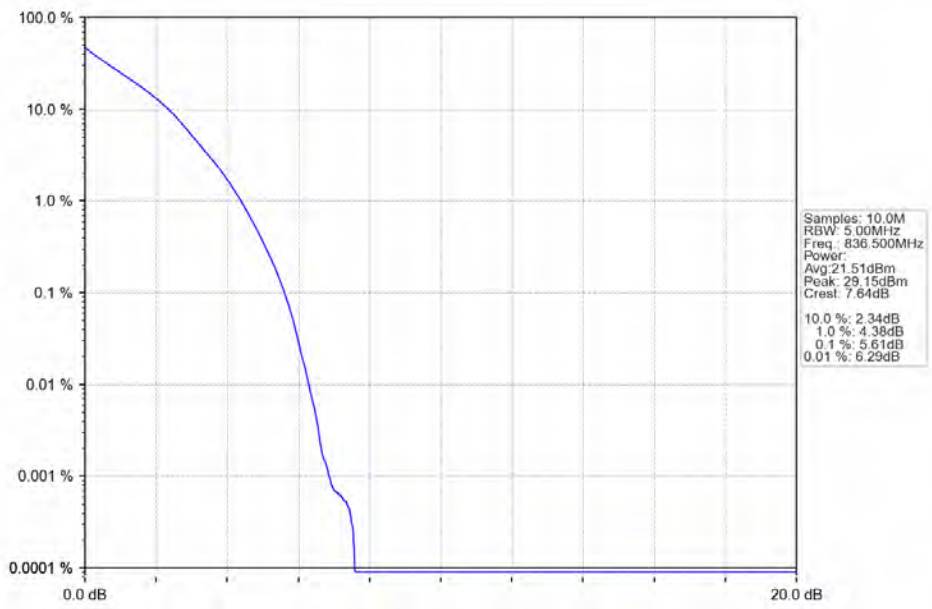

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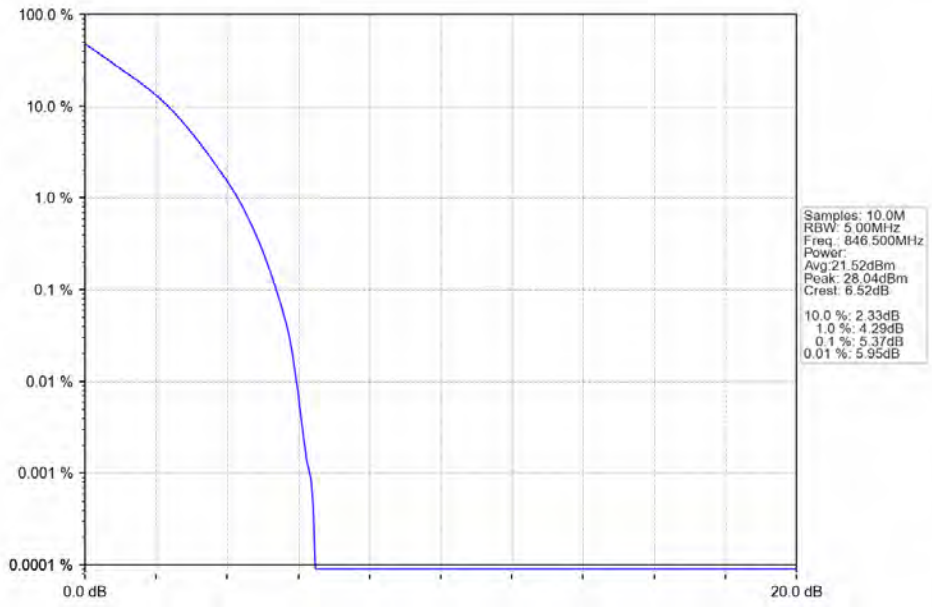
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

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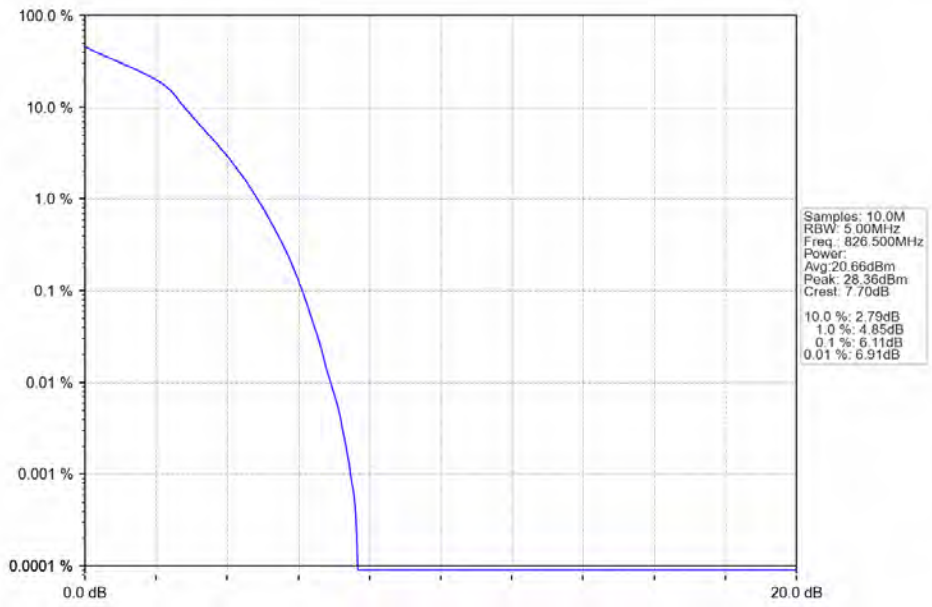

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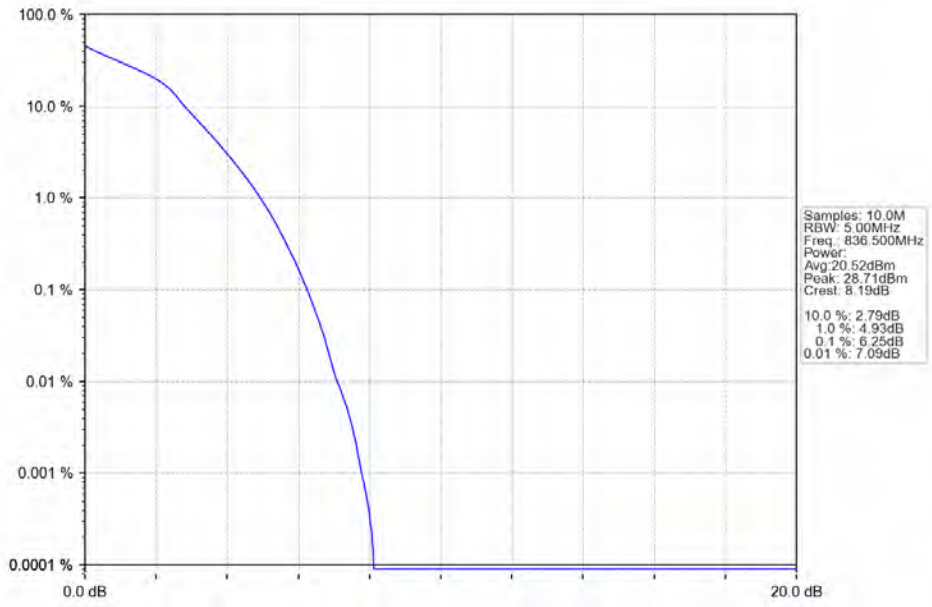
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

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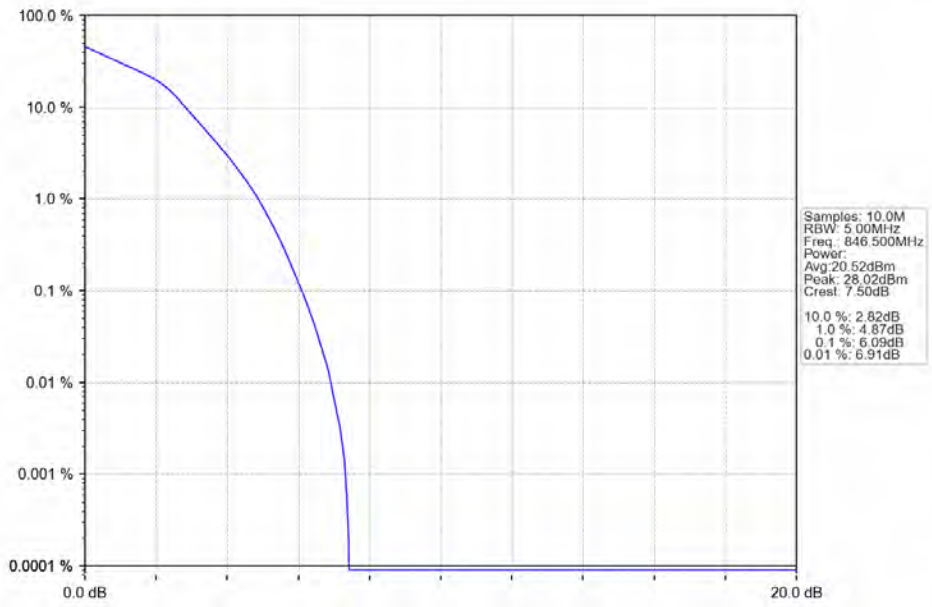

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4.4 B5_10MHz

4.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.52	<=13	Pass
	836.5	50	0	5.54	<=13	Pass
	844	50	0	5.38	<=13	Pass
16QAM	829	50	0	6.18	<=13	Pass
	836.5	50	0	6.27	<=13	Pass
	844	50	0	6.13	<=13	Pass

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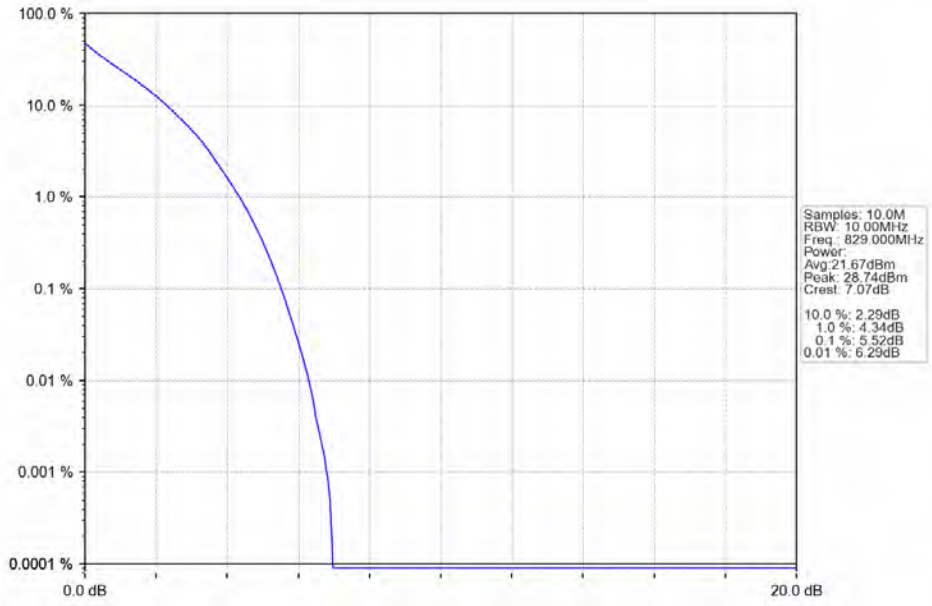
4.4.2 Test Graph

Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

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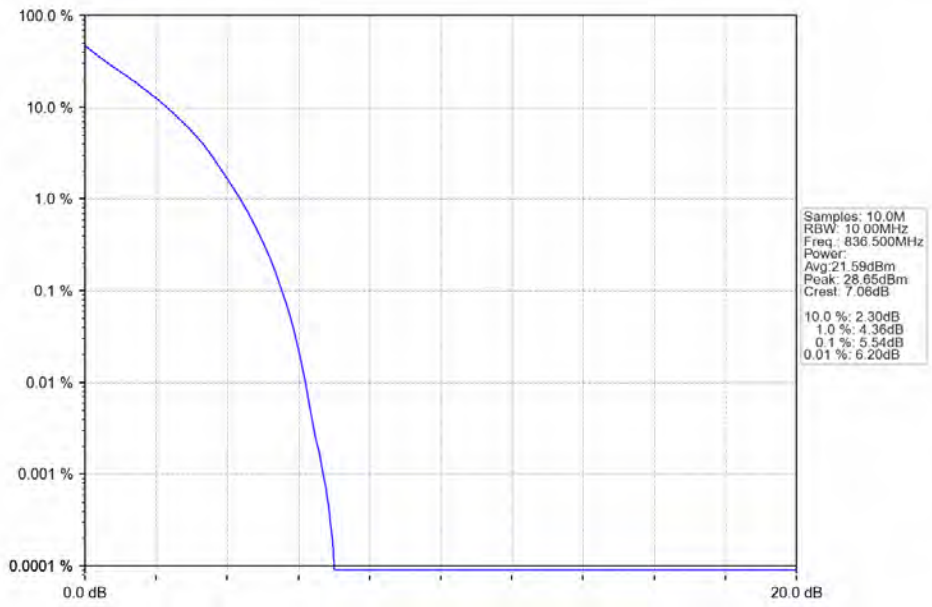

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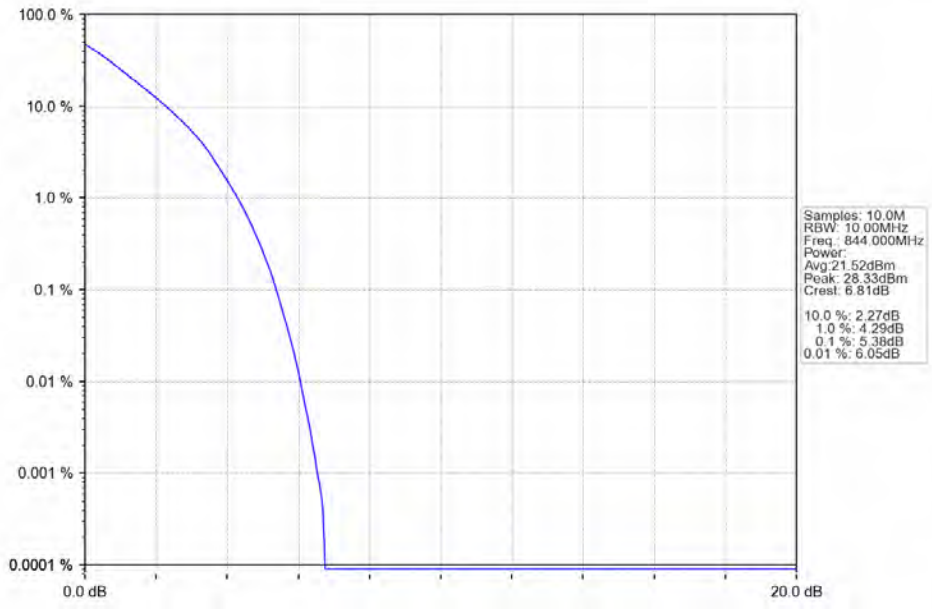
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

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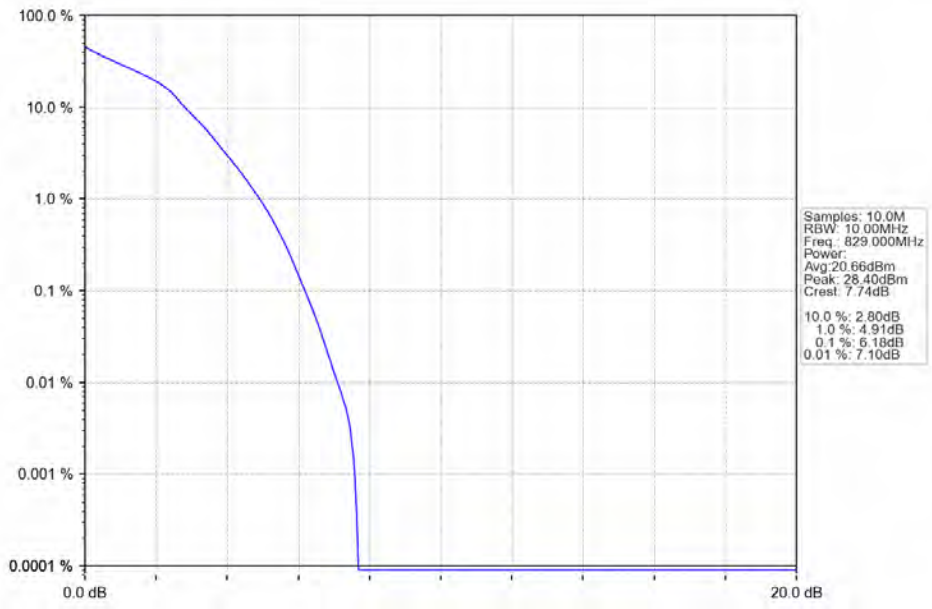

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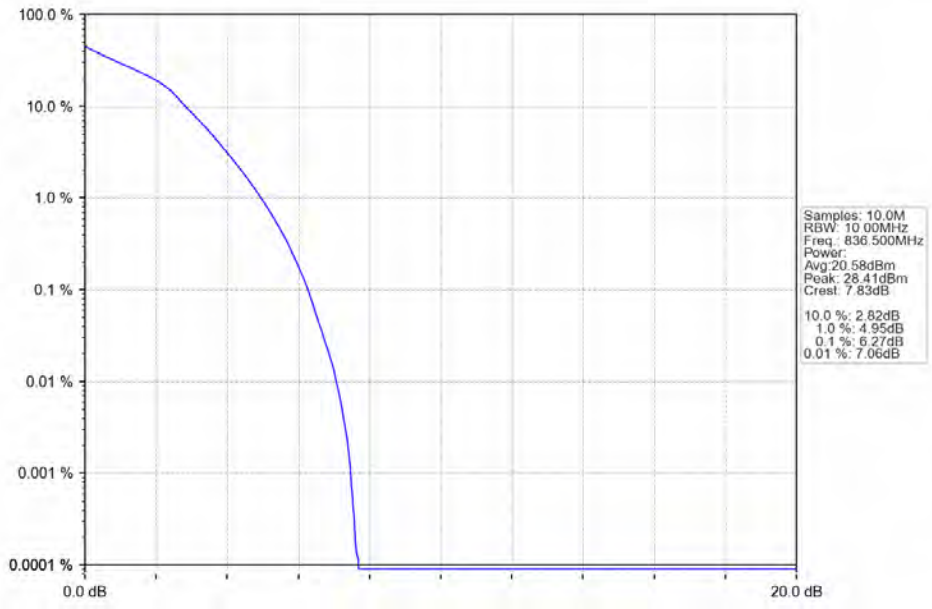
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



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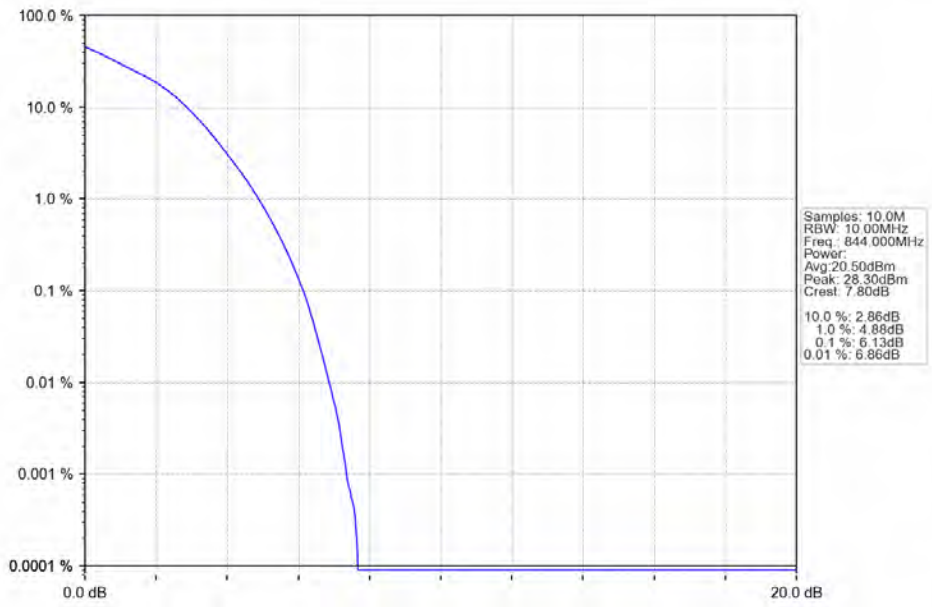

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5. Spurious Emission & Band Edges

5.1 B5_1.4MHz

5.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

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5.1.2 Test Graph

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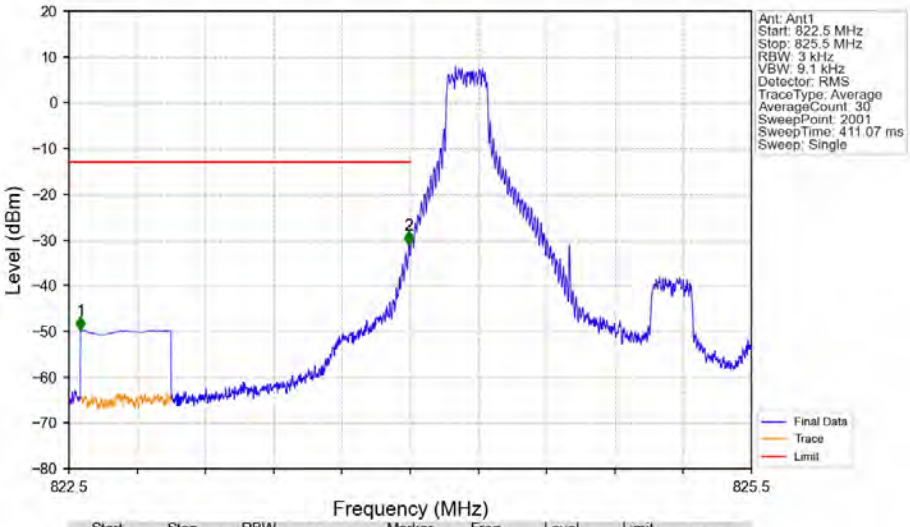

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.551	-49.80	-13	Pass
823	824	0.003	/	2	823.994	-31.17	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

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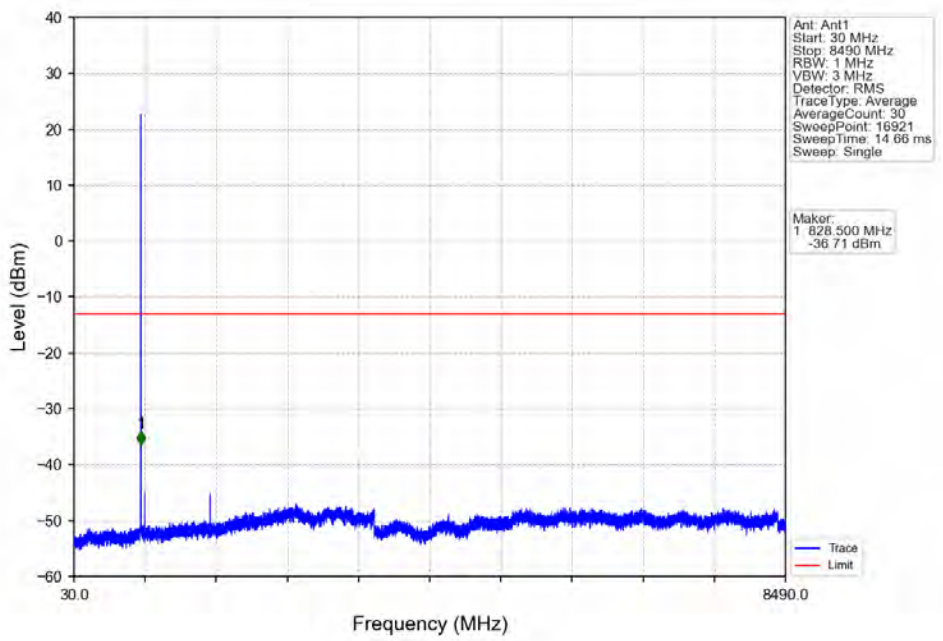

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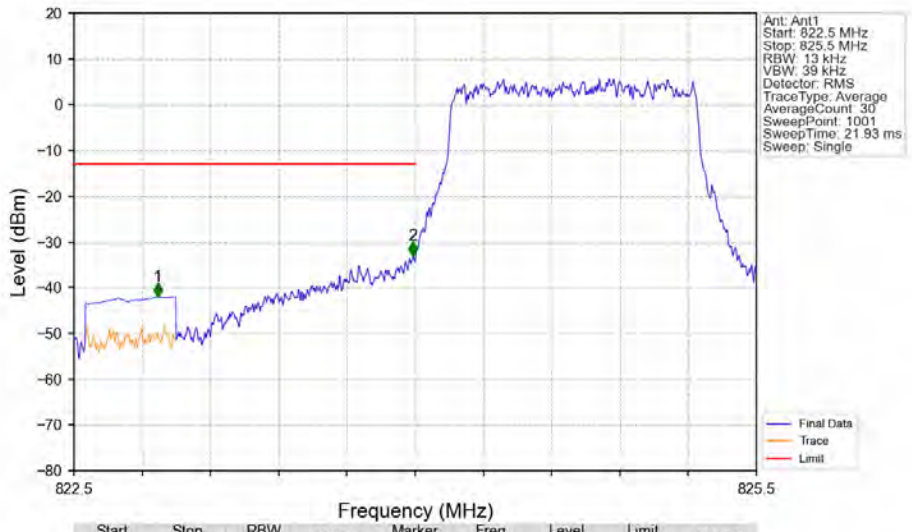
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.869	-42.00	-13	Pass
823	824	0.013	/	2	823.991	-33.00	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

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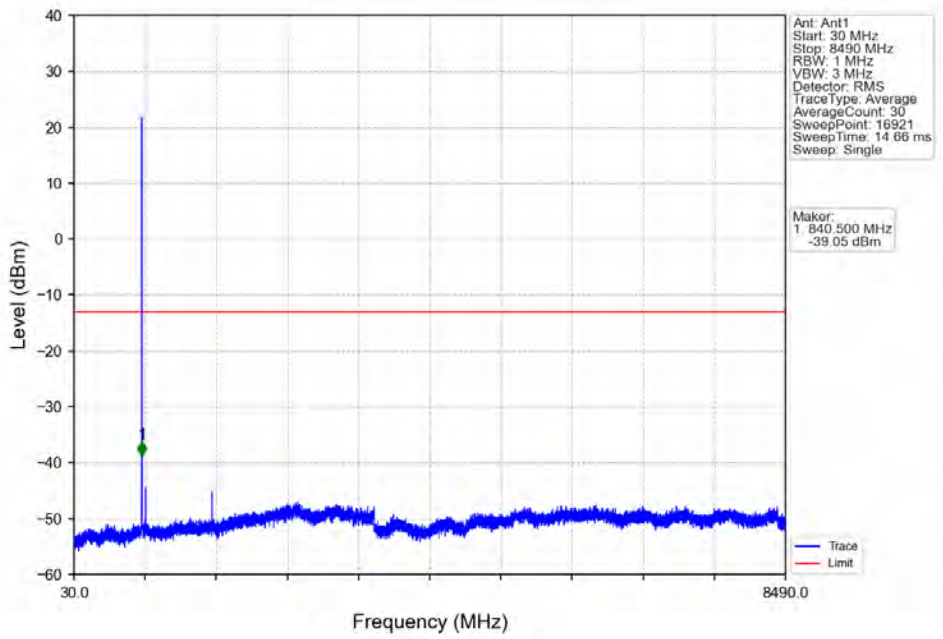

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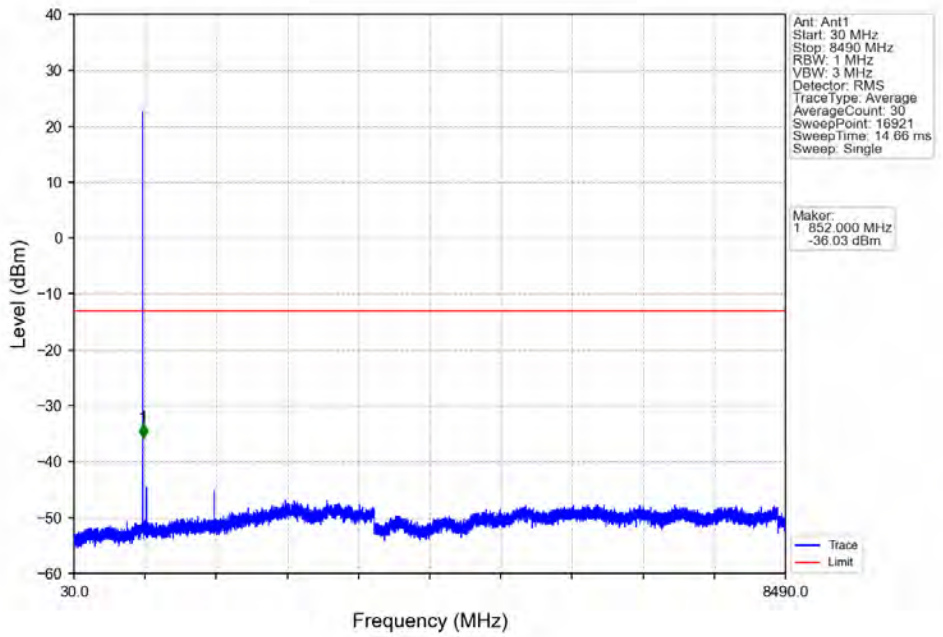
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV

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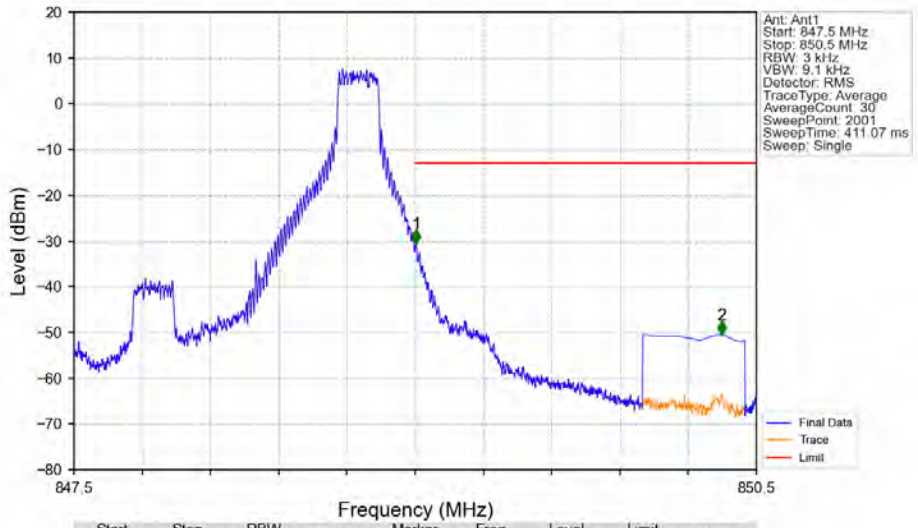

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-30.57	-13	Pass
850	850.5	0.1	CHP	2	850.347	-50.49	-13	Pass

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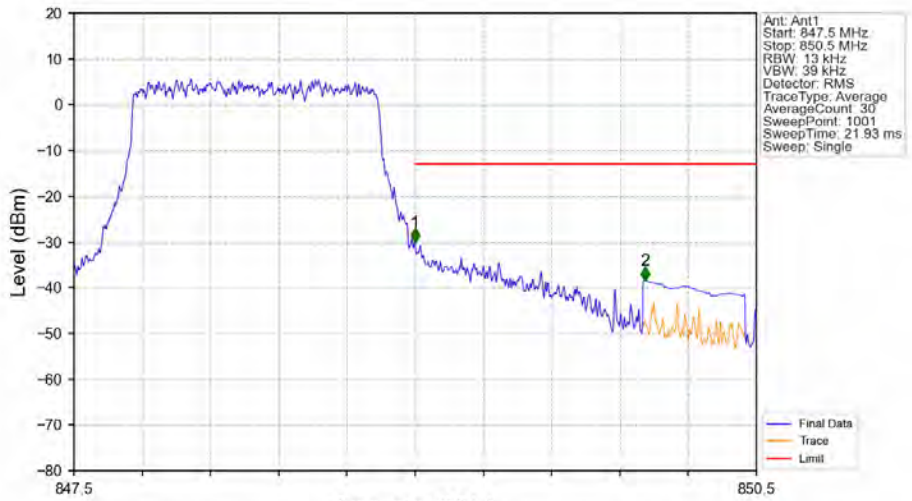
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.000	-30.05	-13	Pass
850	850.5	0.1	CHP	2	850.011	-38.49	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

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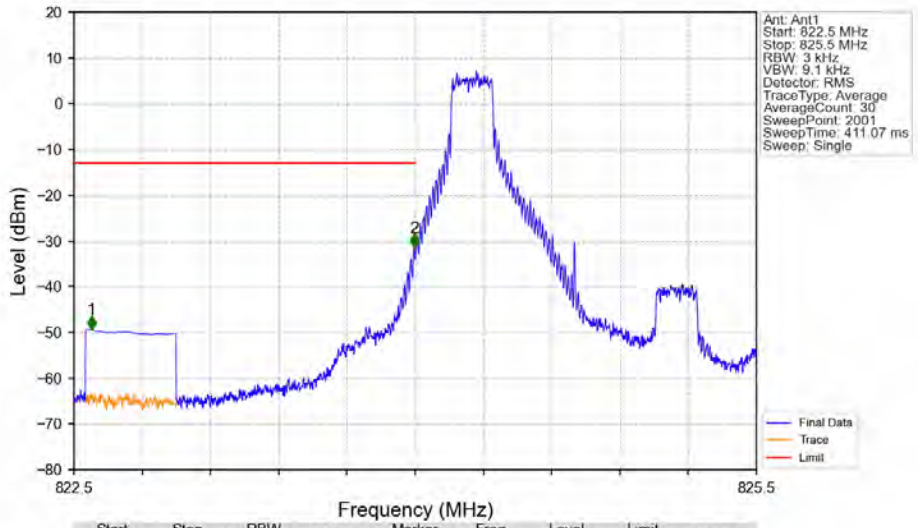

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.577	-49.43	-13	Pass
823	824	0.003	/	2	823.995	-31.50	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

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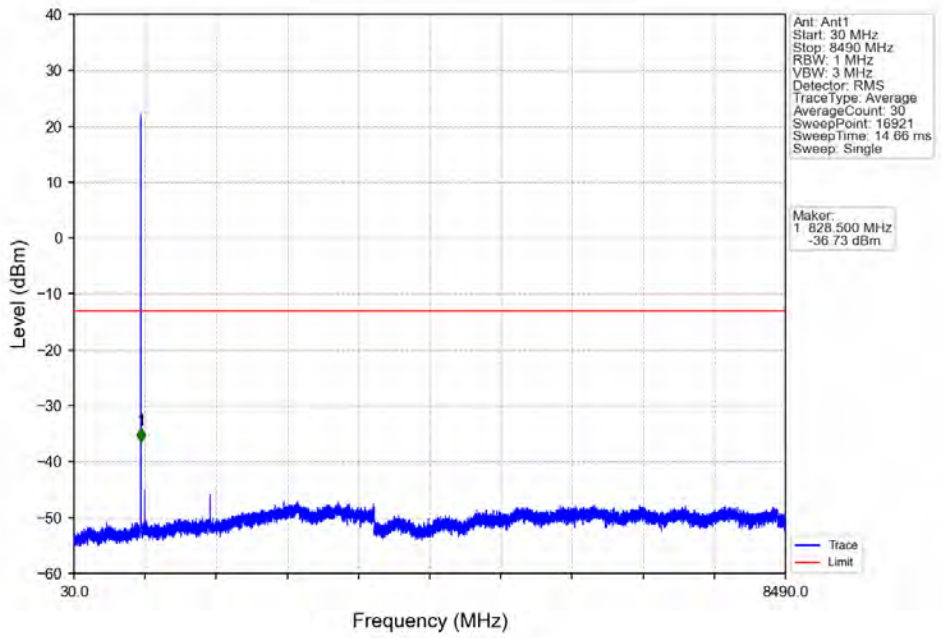
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

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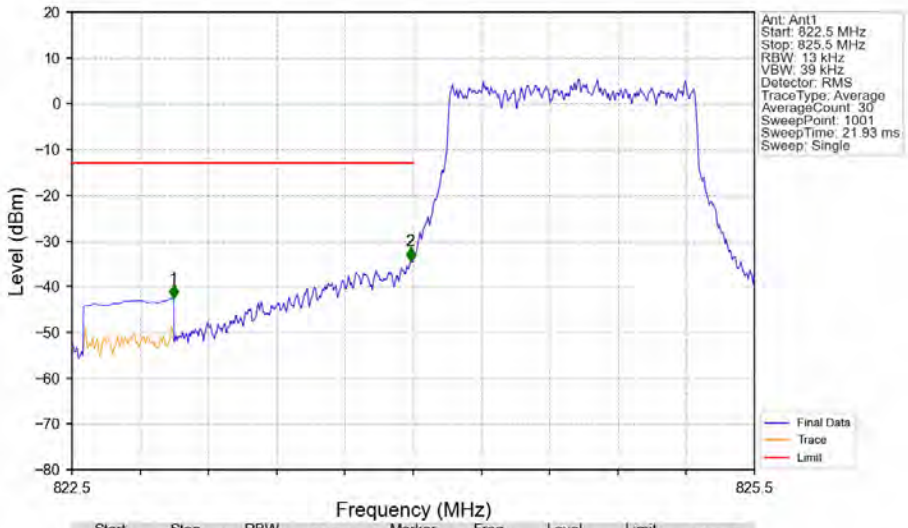

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-42.58	-13	Pass
823	824	0.013	/	2	823.988	-34.42	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

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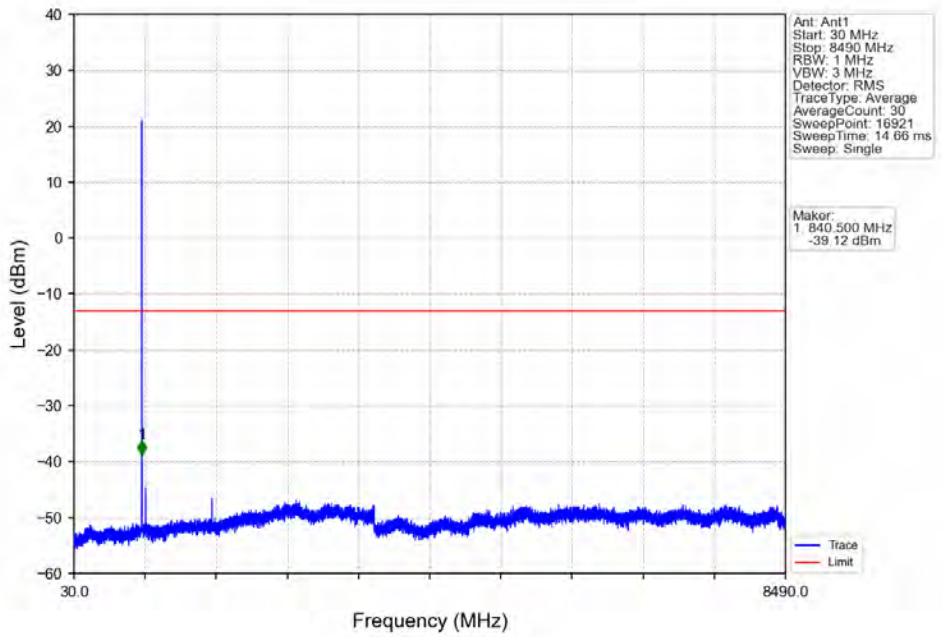

Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

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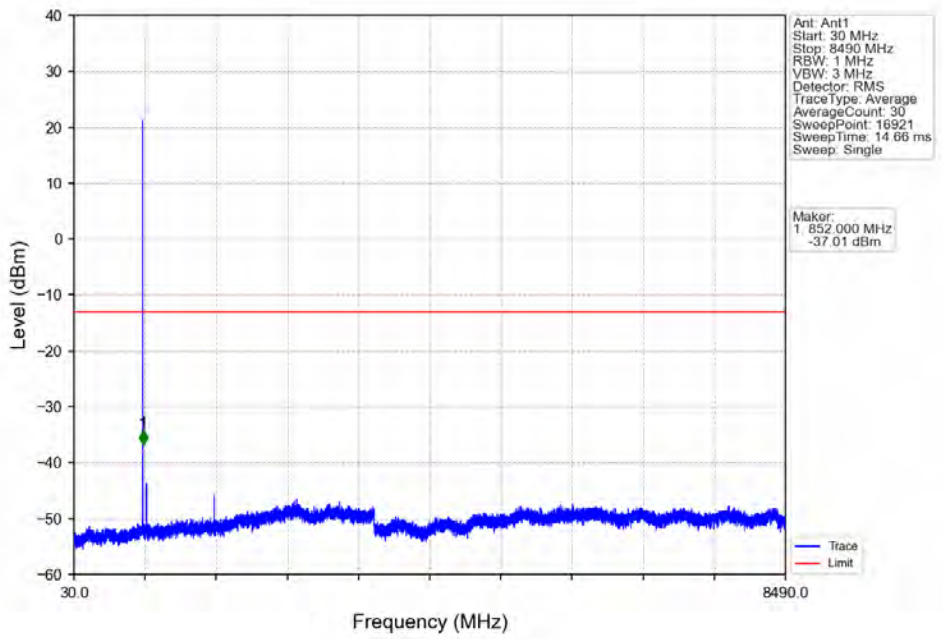

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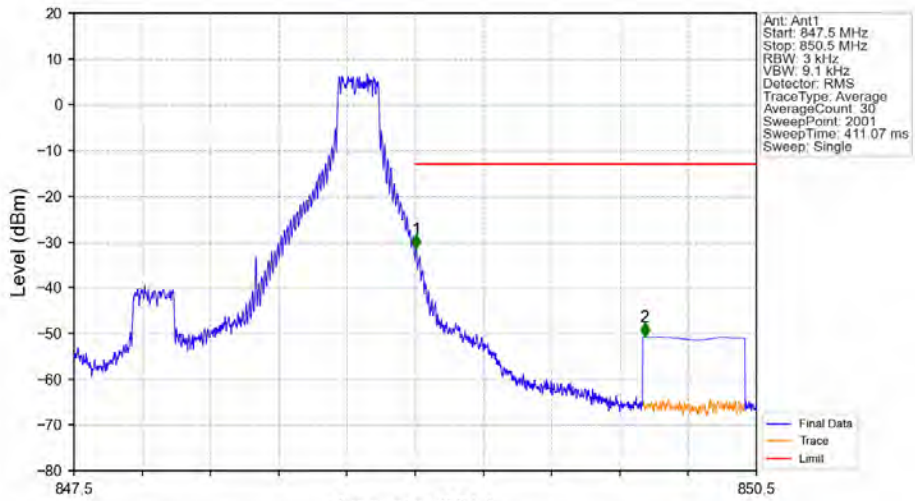

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-31.46	-13	Pass
850	850.5	0.1	CHP	2	850.010	-50.76	-13	Pass

Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

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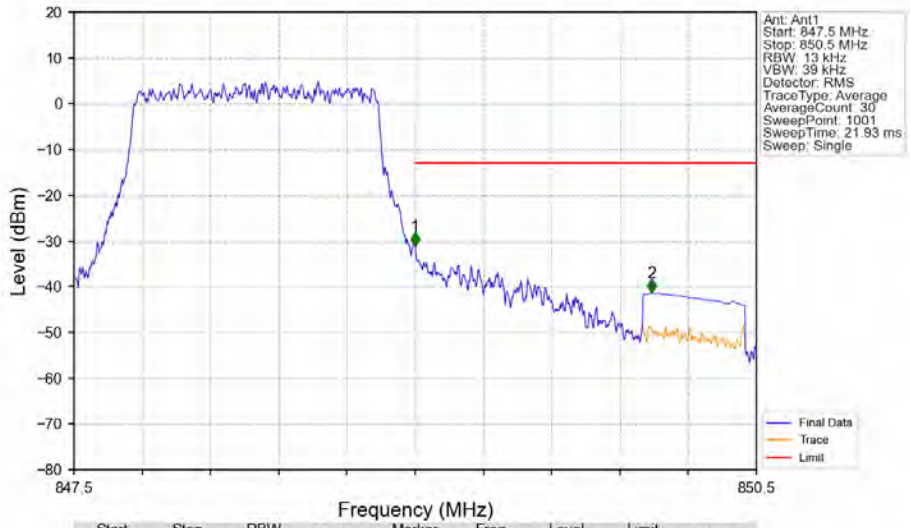

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.000	-31.10	-13	Pass
850	850.5	0.1	CHP	2	850.038	-41.45	-13	Pass

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5.2 B5_3MHz

5.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

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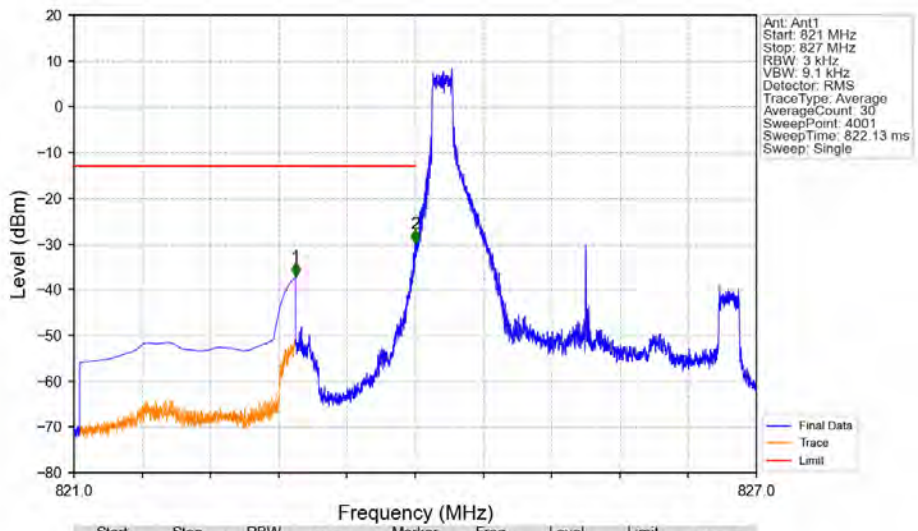
5.2.2 Test Graph

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-37.13	-13	Pass
823	824	0.003	/	2	823.999	-29.95	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

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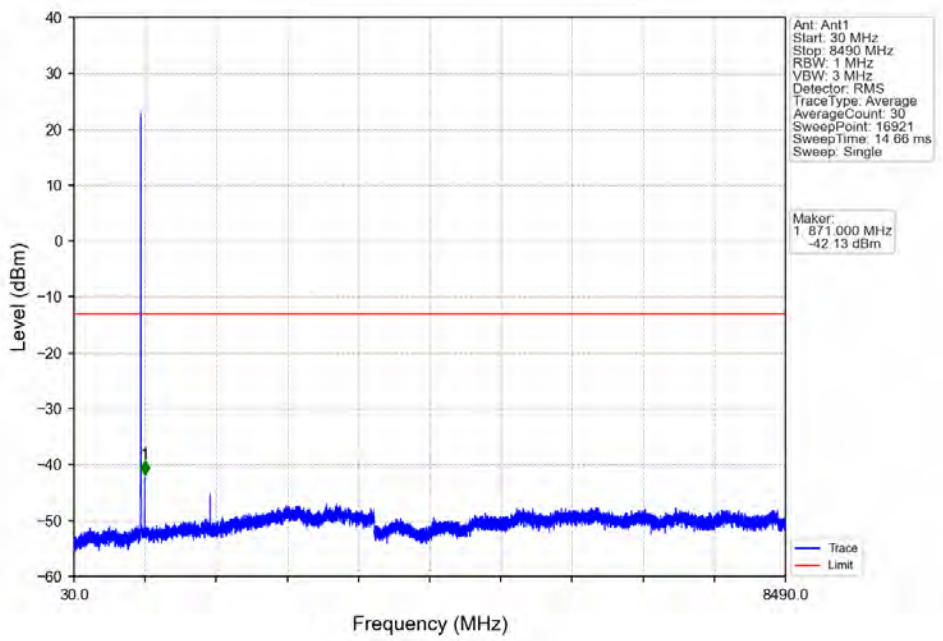

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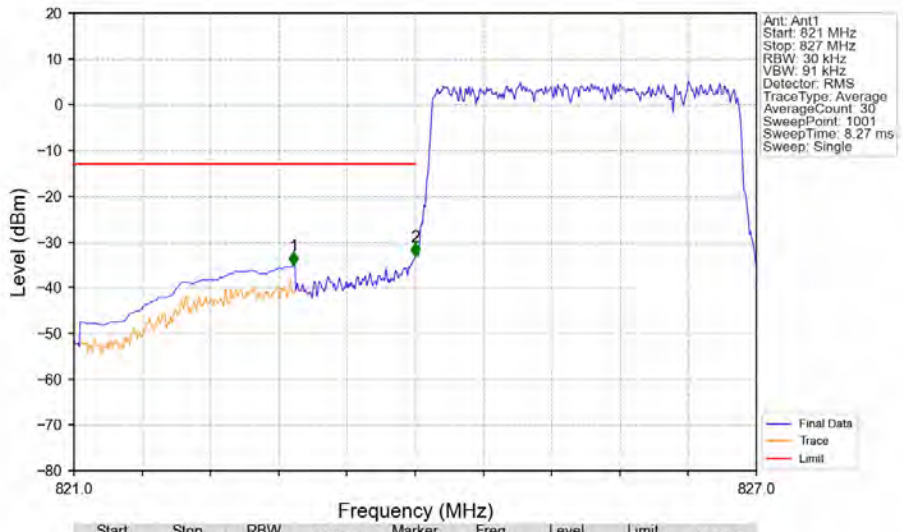
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.932	-35.26	-13	Pass
823	824	0.03	/	2	824.000	-33.24	-13	Pass
824	827	0.03	/	/	/	/	/	/

Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

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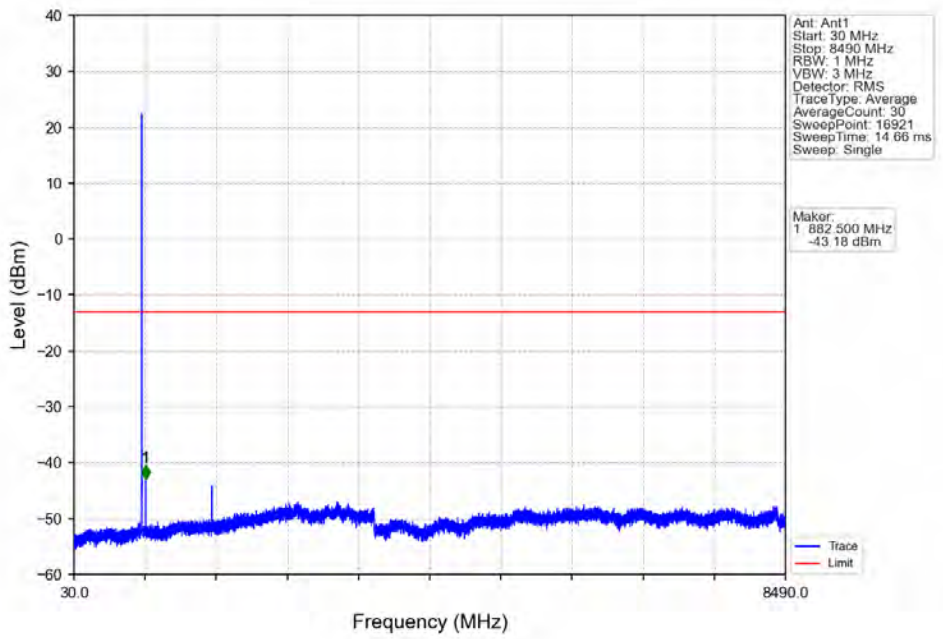

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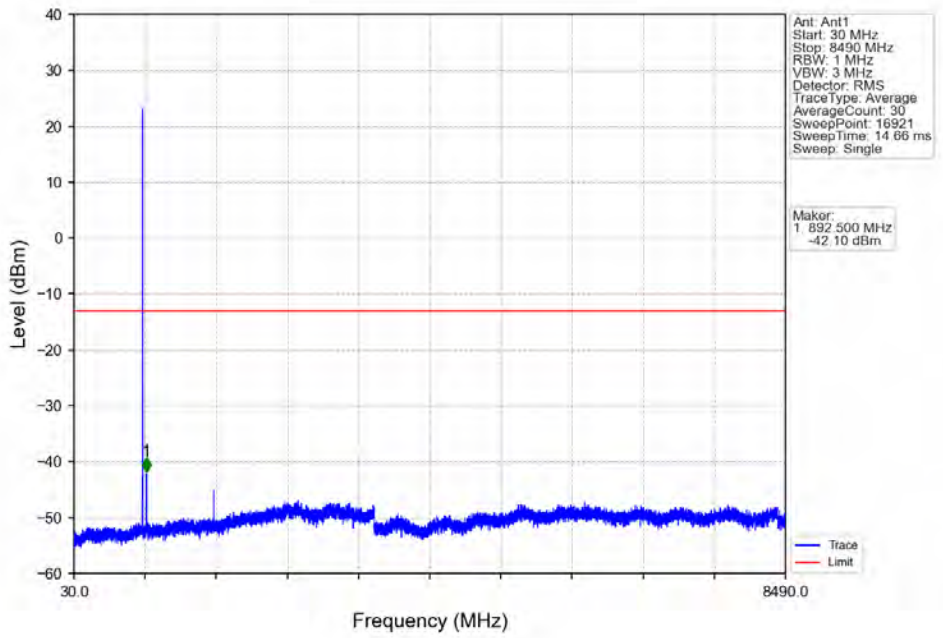
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV

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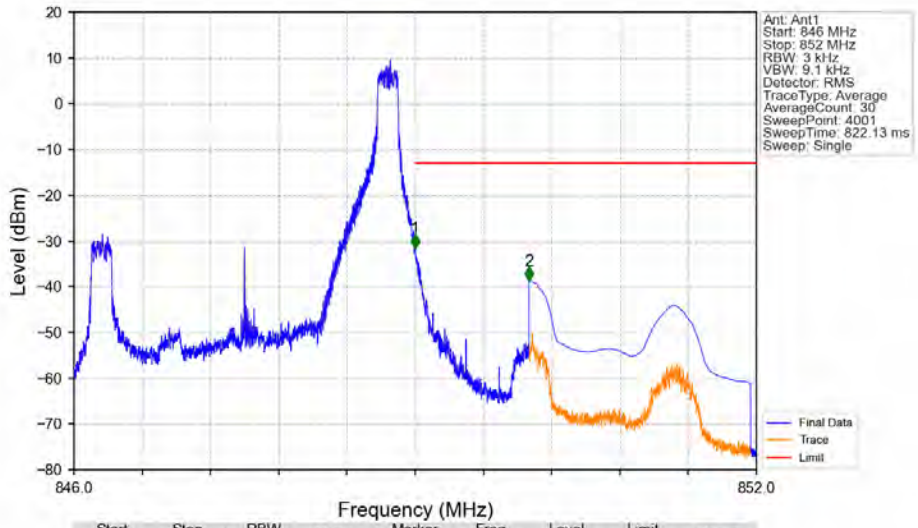

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-31.59	-13	Pass
850	852	0.1	CHP	2	850.002	-38.70	-13	Pass

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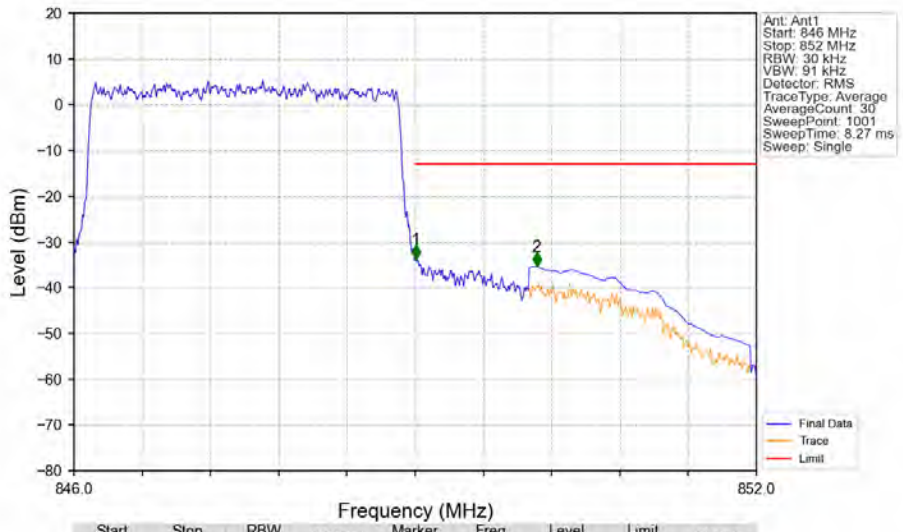
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.006	-33.82	-13	Pass
850	852	0.1	CHP	2	850.068	-35.36	-13	Pass

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

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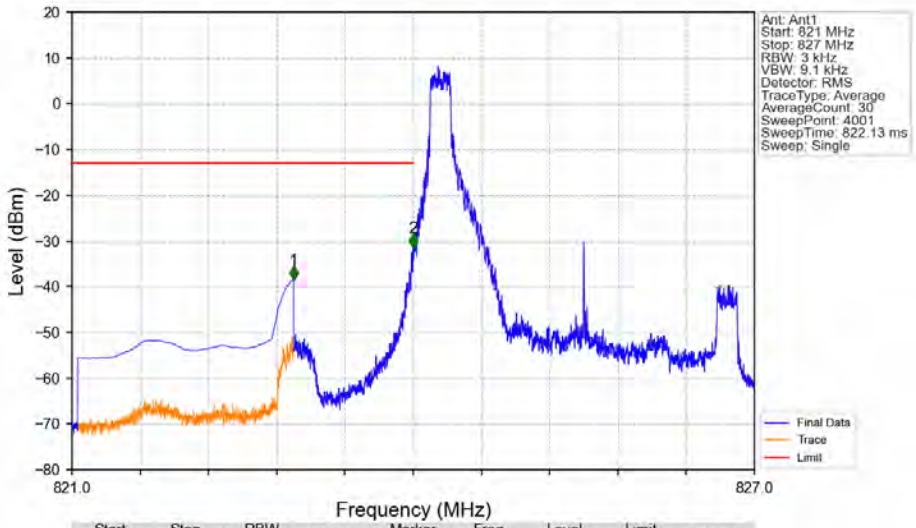

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-38.50	-13	Pass
823	824	0.003	/	2	824.000	-31.56	-13	Pass
824	827	0.003	/	/	/	/	/	/

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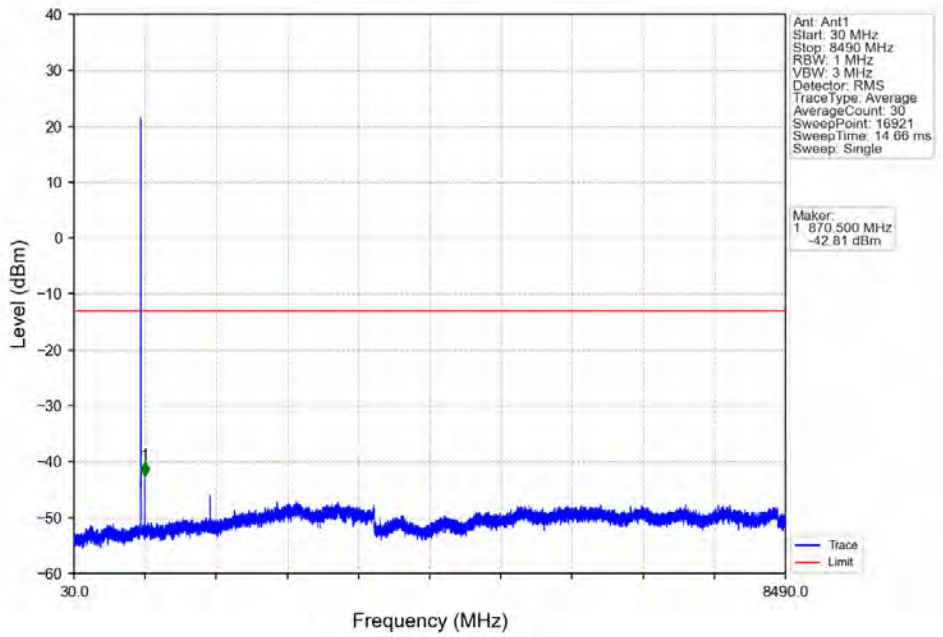
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

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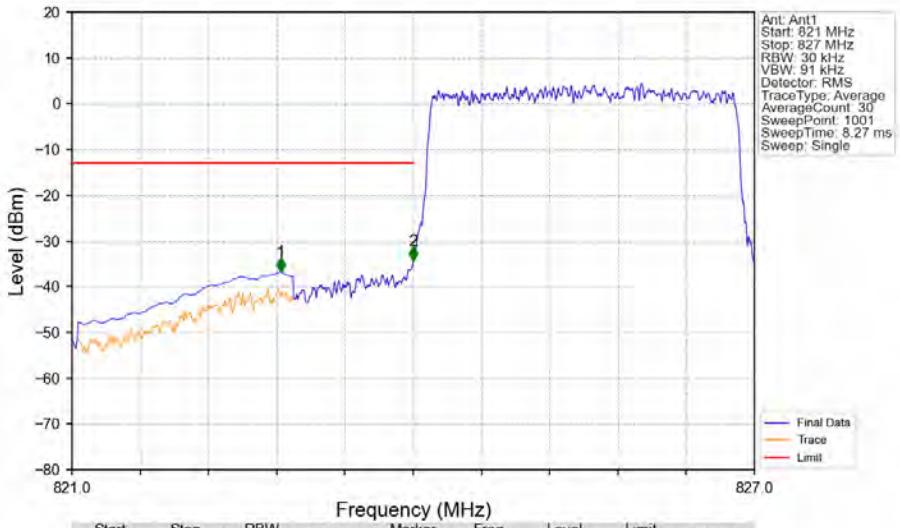

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.836	-36.76	-13	Pass
823	824	0.03	/	2	824.000	-34.38	-13	Pass
824	827	0.03	/	/	/	/	/	/

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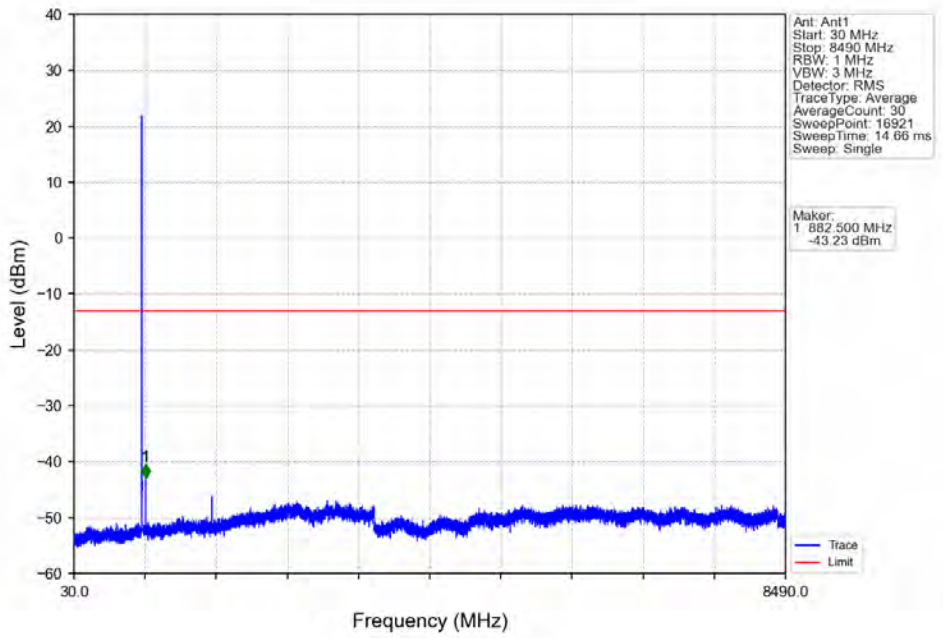
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV

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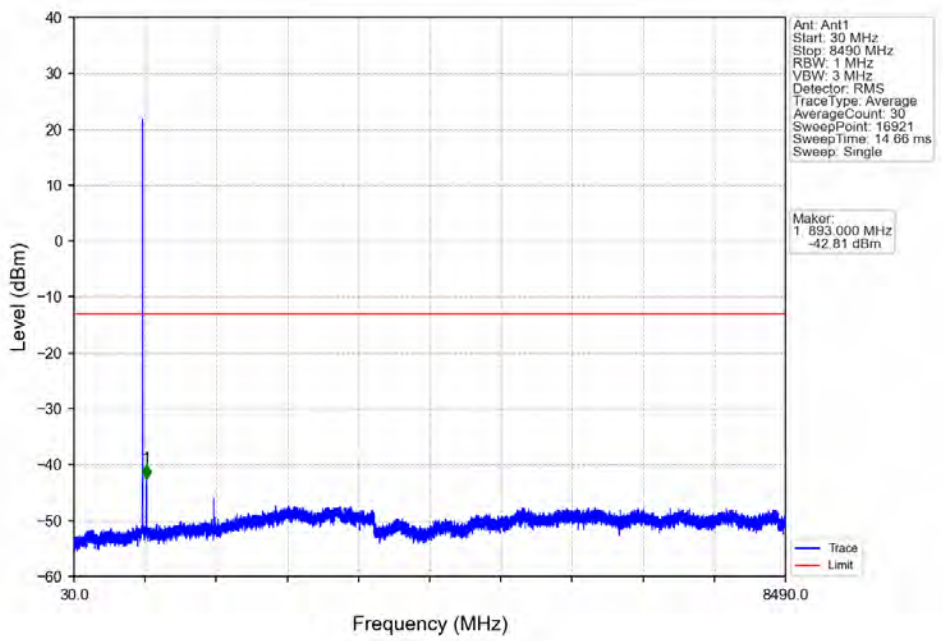

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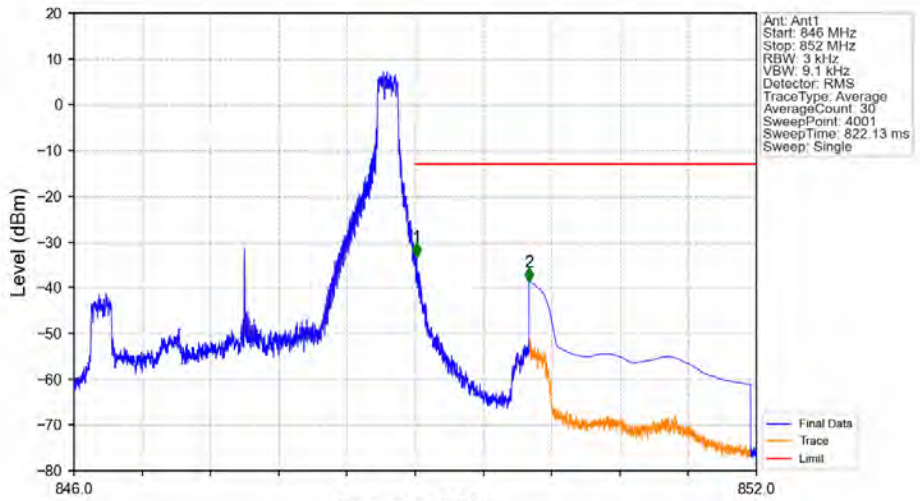
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.012	-33.25	-13	Pass
850	852	0.1	CHP	2	850.004	-38.81	-13	Pass

Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

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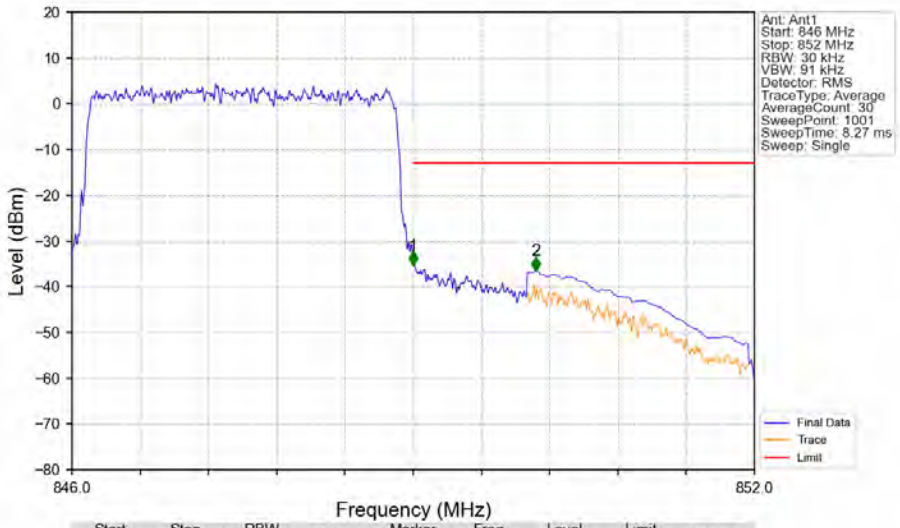

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.000	-35.35	-13	Pass
850	852	0.1	CHP	2	850.080	-36.55	-13	Pass

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5.3 B5_5MHz

5.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

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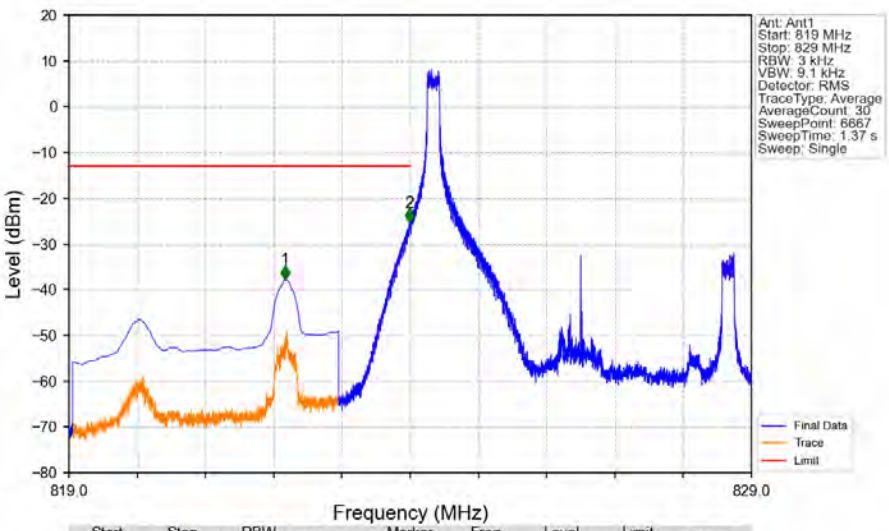
5.3.2 Test Graph

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.162	-37.78	-13	Pass
823	824	0.003	/	2	823.989	-25.33	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

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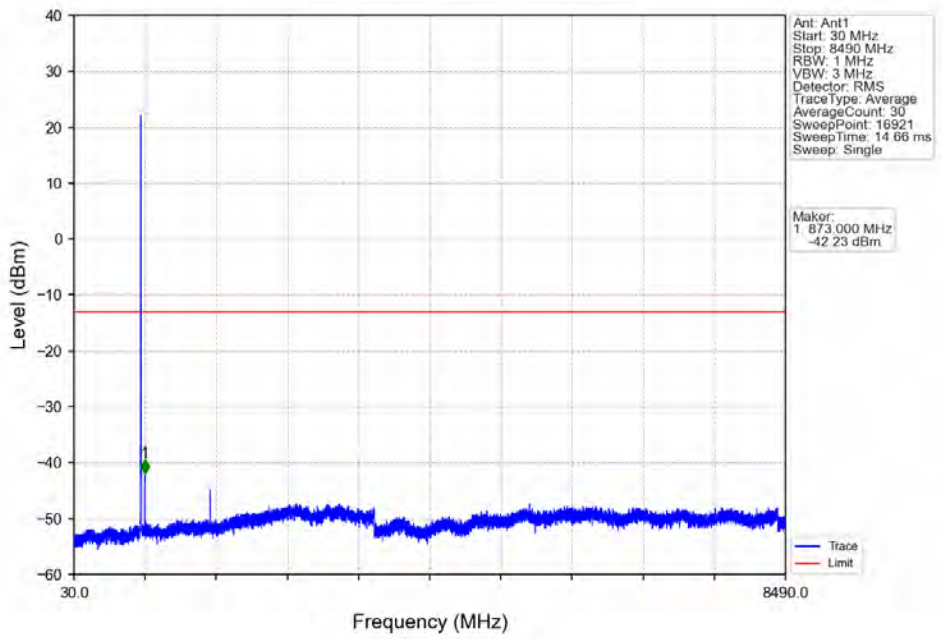

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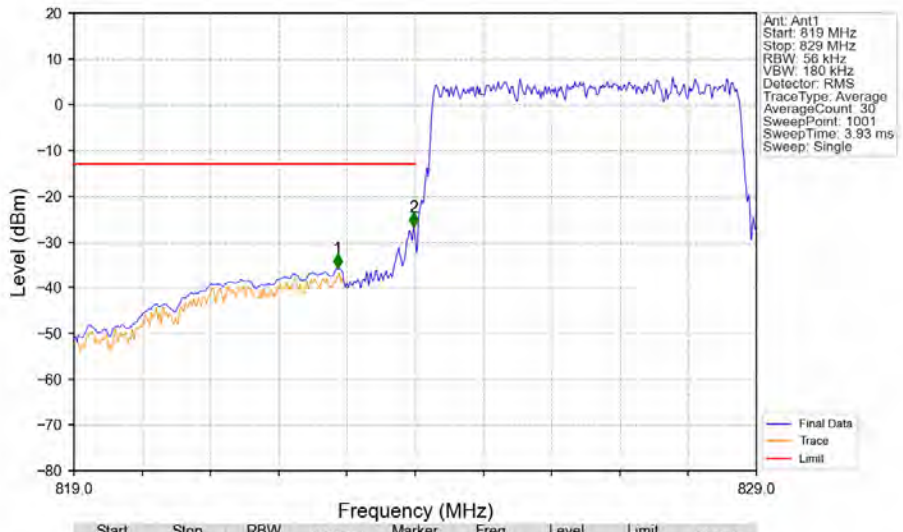
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.860	-35.78	-13	Pass
823	824	0.056	/	2	823.980	-26.72	-13	Pass
824	829	0.056	/	/	/	/	/	/

Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

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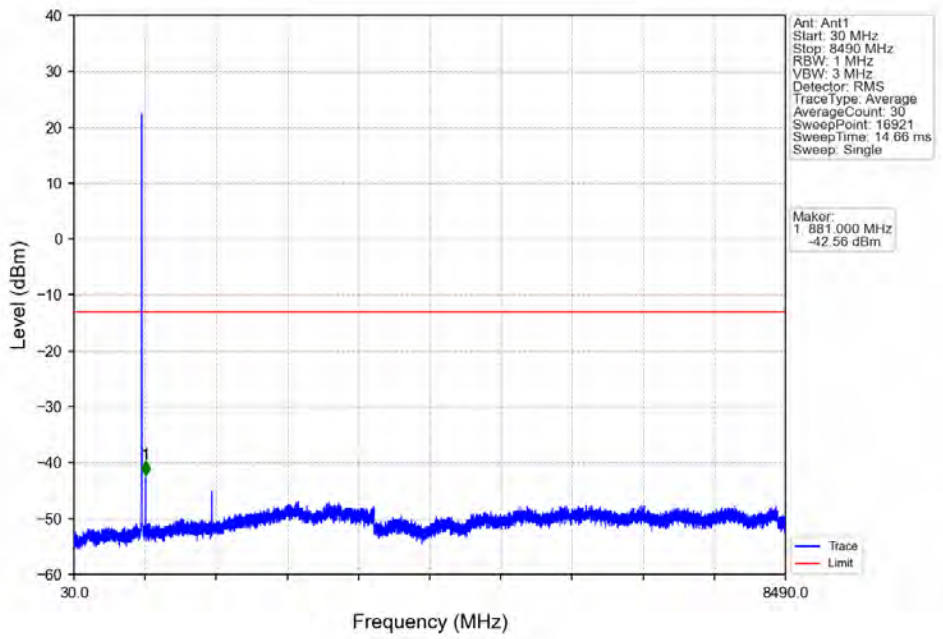

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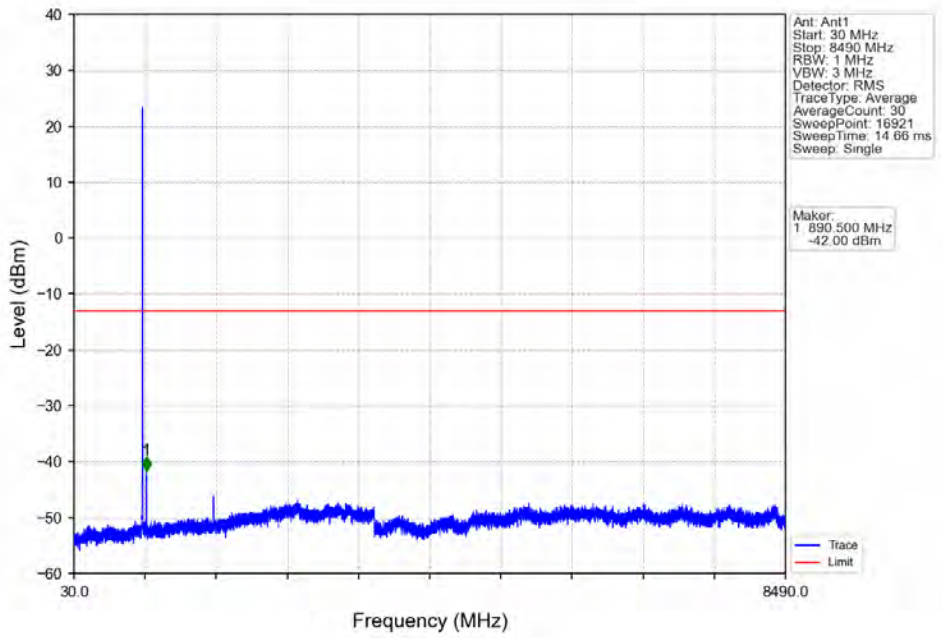
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV

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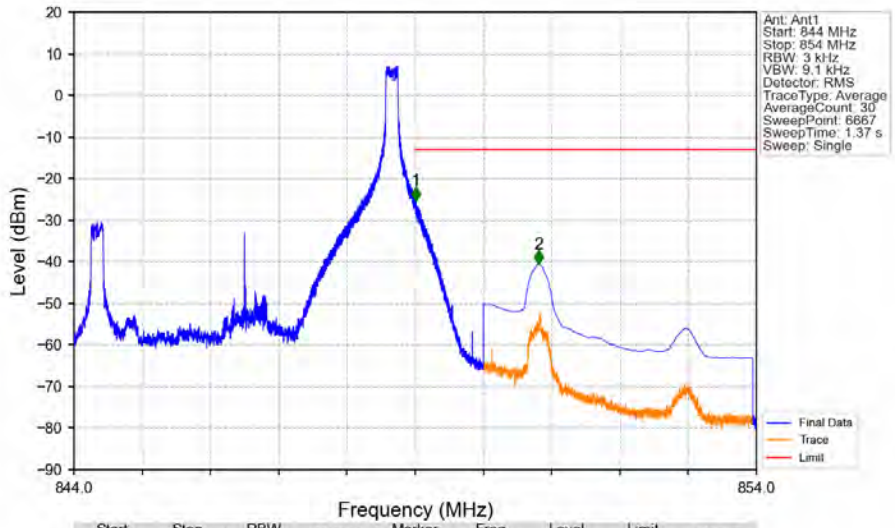

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.012	-25.33	-13	Pass
850	854	0.1	CHP	2	850.806	-40.50	-13	Pass

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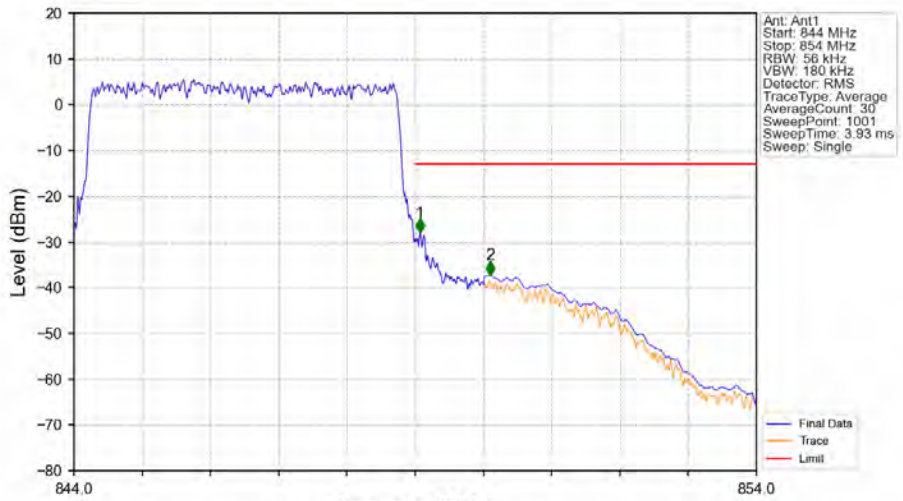
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.056	/	/	/	/	/	/
849	850	0.056	/	1	849.070	-28.01	-13	Pass
850	854	0.1	CHP	2	850.100	-37.25	-13	Pass

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

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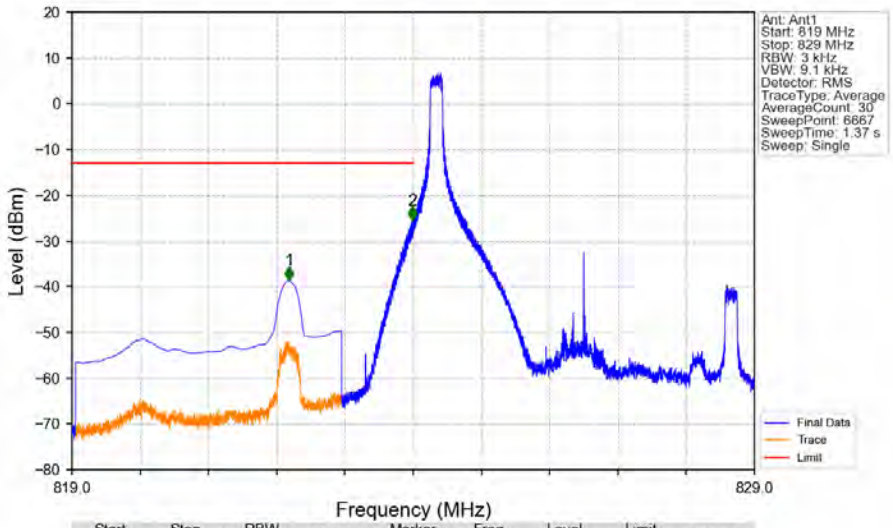

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.183	-38.65	-13	Pass
823	824	0.003	/	2	823.986	-25.51	-13	Pass
824	829	0.003	/	/	/	/	/	/

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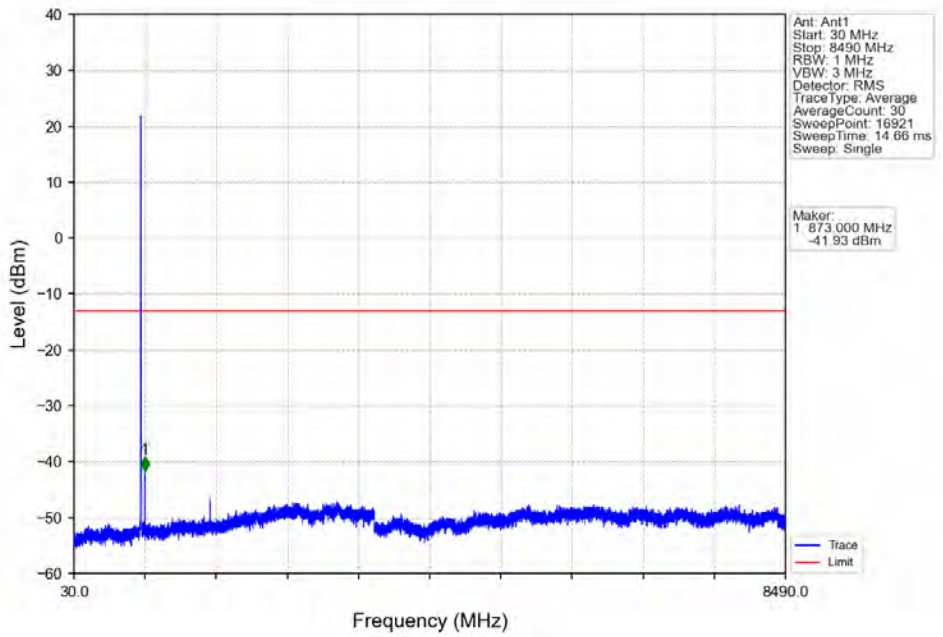

Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

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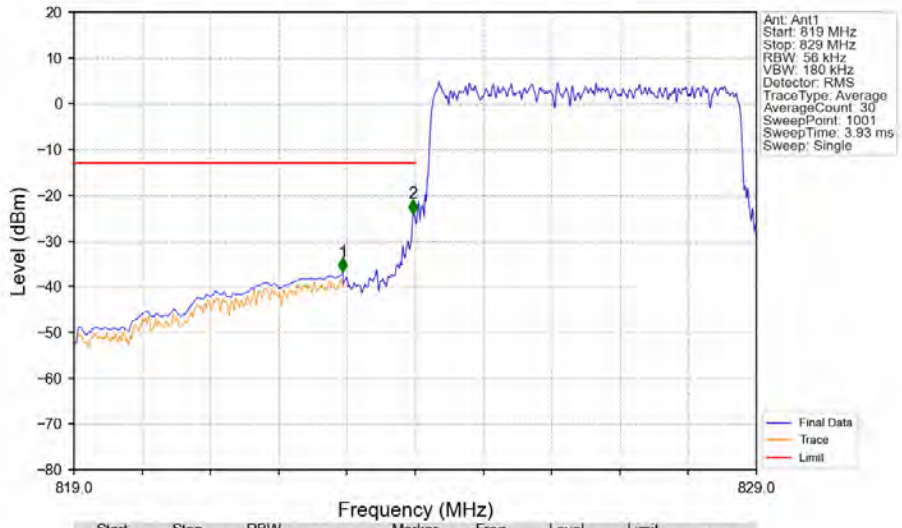

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-36.80	-13	Pass
823	824	0.056	/	2	823.970	-24.01	-13	Pass
824	829	0.056	/	/	/	/	/	/

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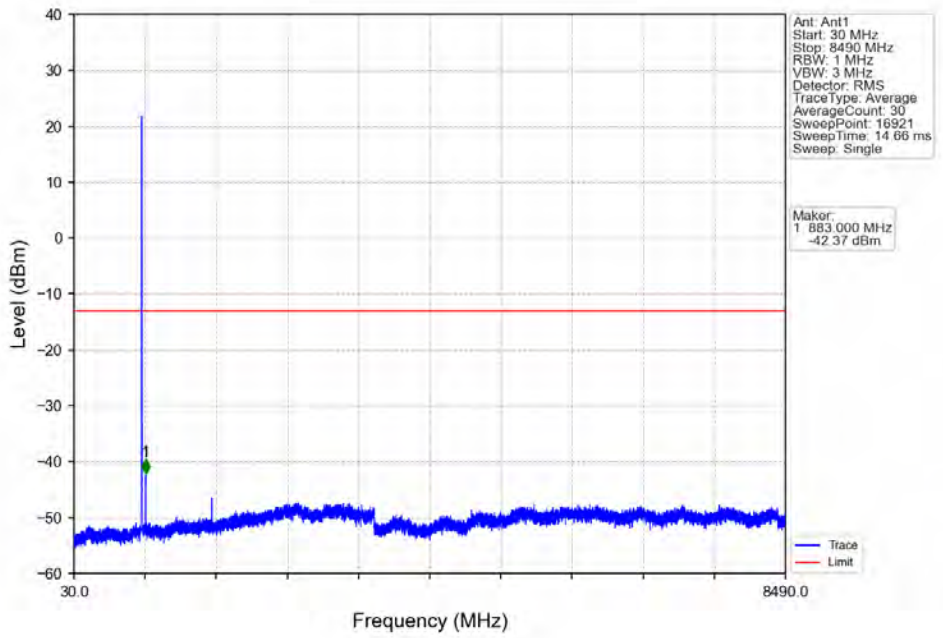

Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

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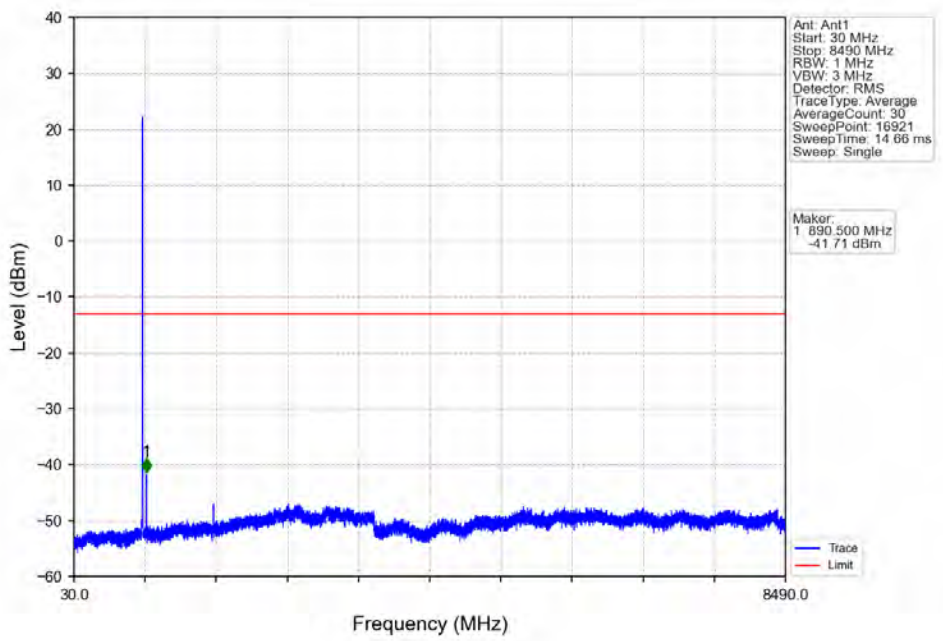

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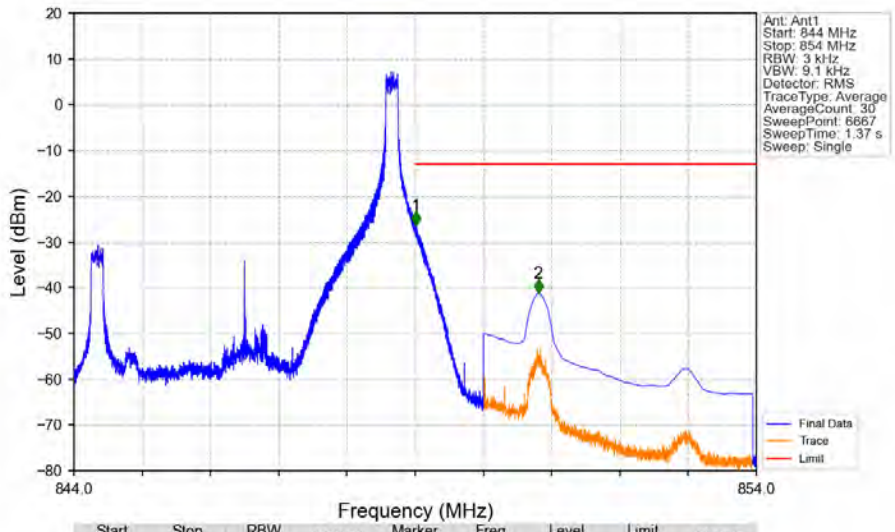
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.011	-26.41	-13	Pass
850	854	0.1	CHP	2	850.805	-41.16	-13	Pass

Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

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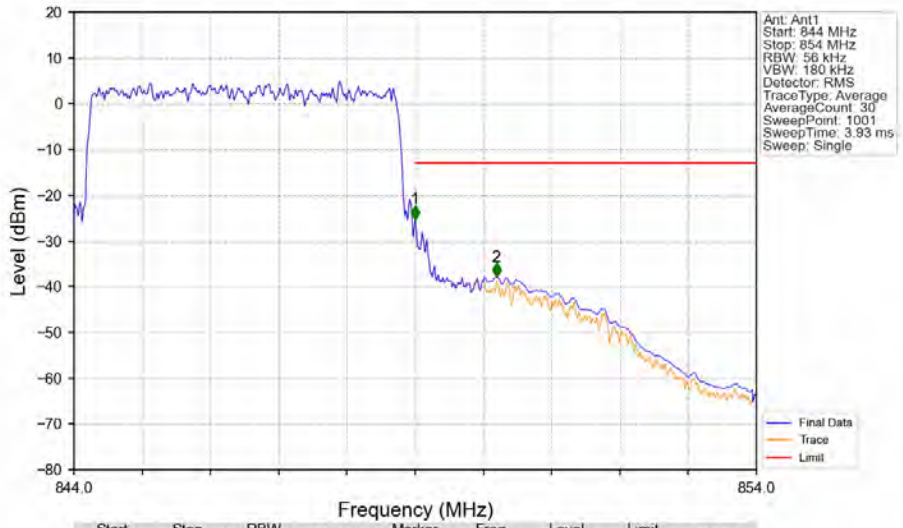

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.056	/	/	/	/	/	/
849	850	0.056	/	1	849.000	-25.26	-13	Pass
850	854	0.1	CHP	2	850.190	-37.91	-13	Pass

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5.4 B5_10MHz

5.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

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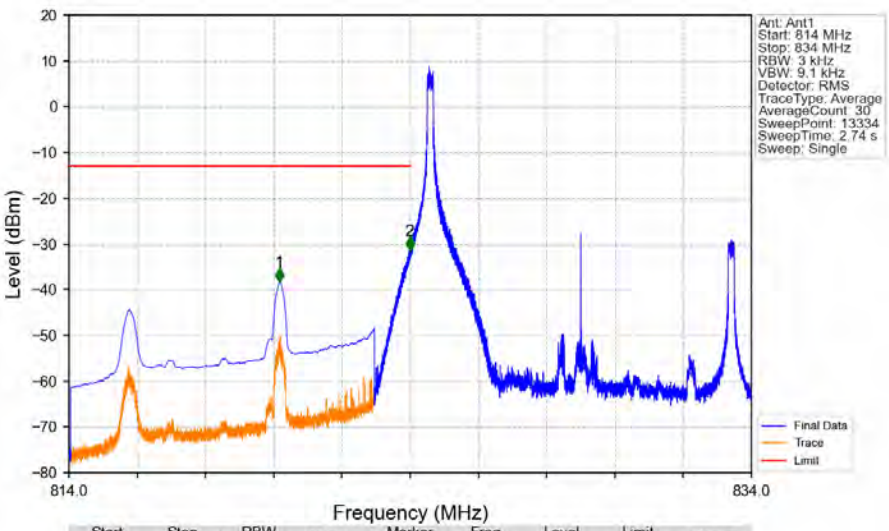
5.4.2 Test Graph

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	820.167	-38.45	-13	Pass
823	824	0.003	/	2	823.992	-31.56	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

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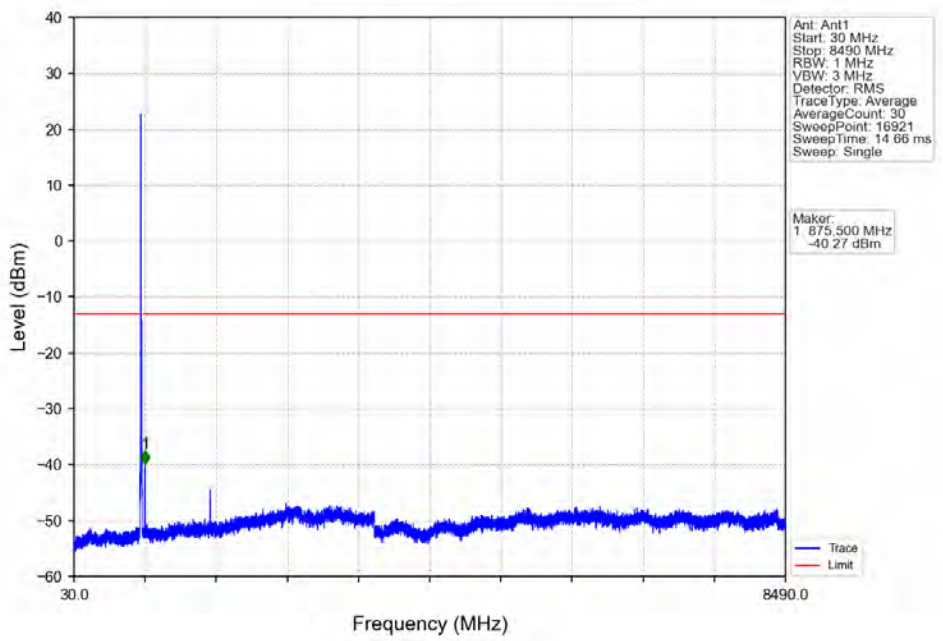

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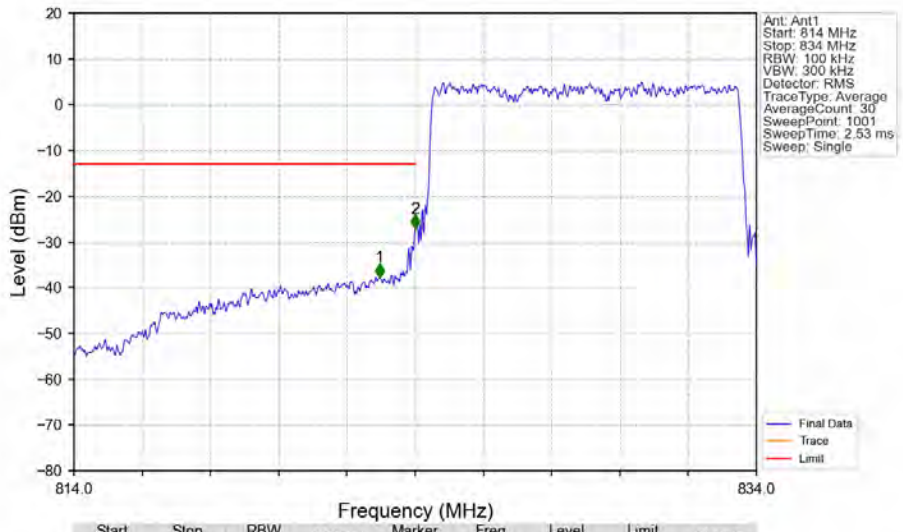
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.960	-37.78	-13	Pass
823	824	0.103	/	2	824.000	-27.13	-13	Pass
824	834	0.103	/	/	/	/	/	/

Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

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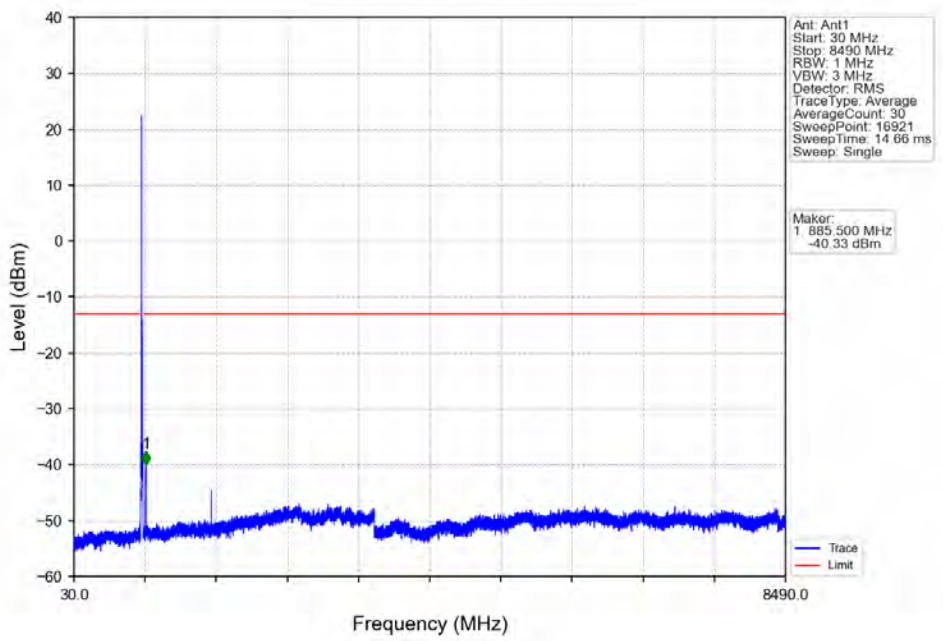

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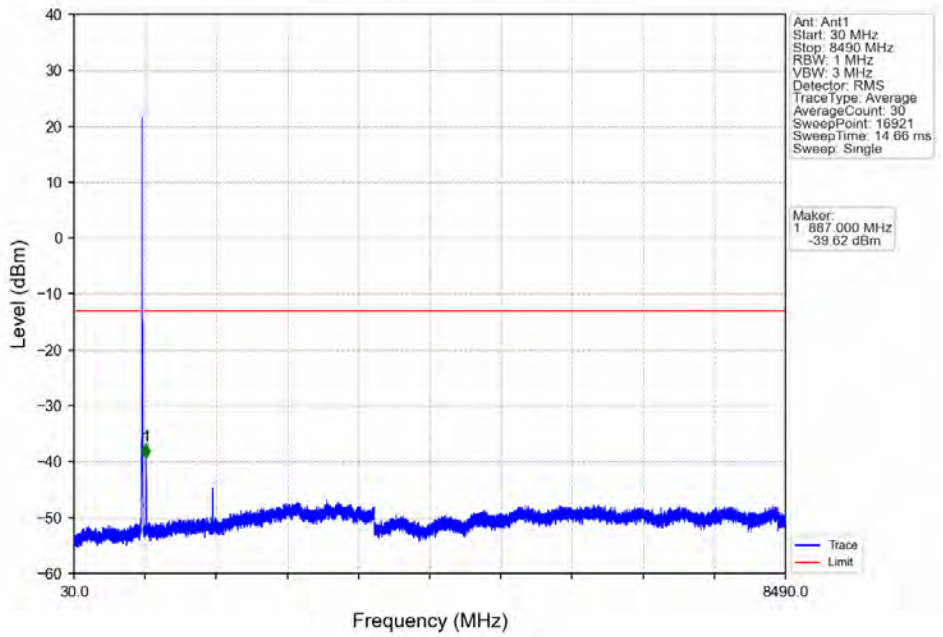
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV

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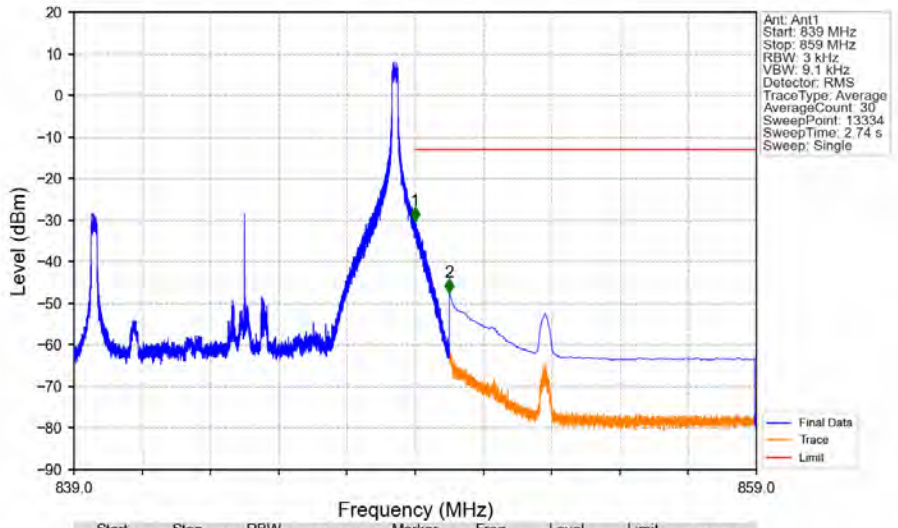

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-30.16	-13	Pass
850	859	0.1	CHP	2	850.001	-47.44	-13	Pass

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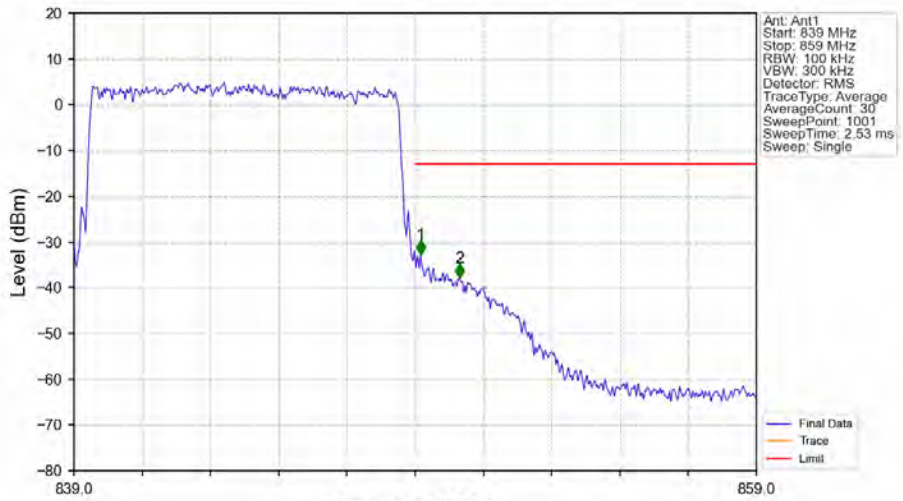
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.103	/	/	/	/	/	/
849	850	0.103	/	1	849.160	-32.71	-13	Pass
850	859	0.1	/	2	850.300	-37.87	-13	Pass

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

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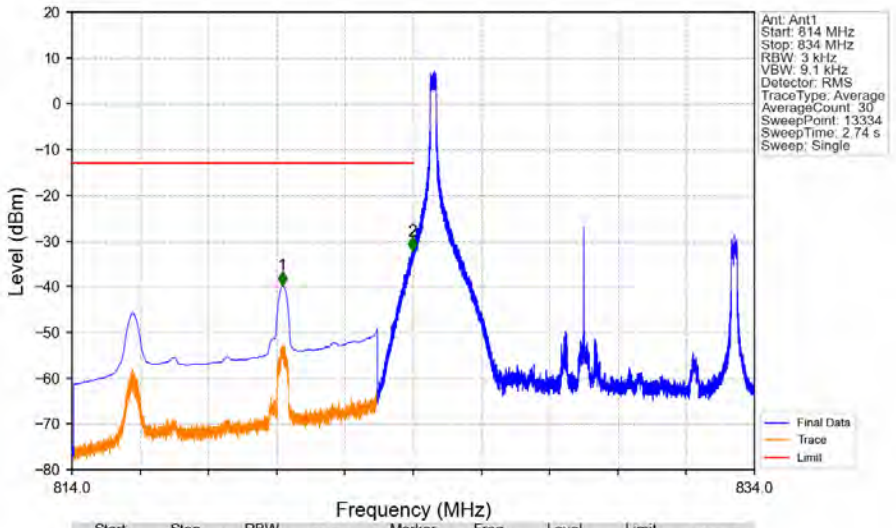

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	820.164	-39.73	-13	Pass
823	824	0.003	/	2	823.971	-32.17	-13	Pass
824	834	0.003	/	/	/	/	/	/

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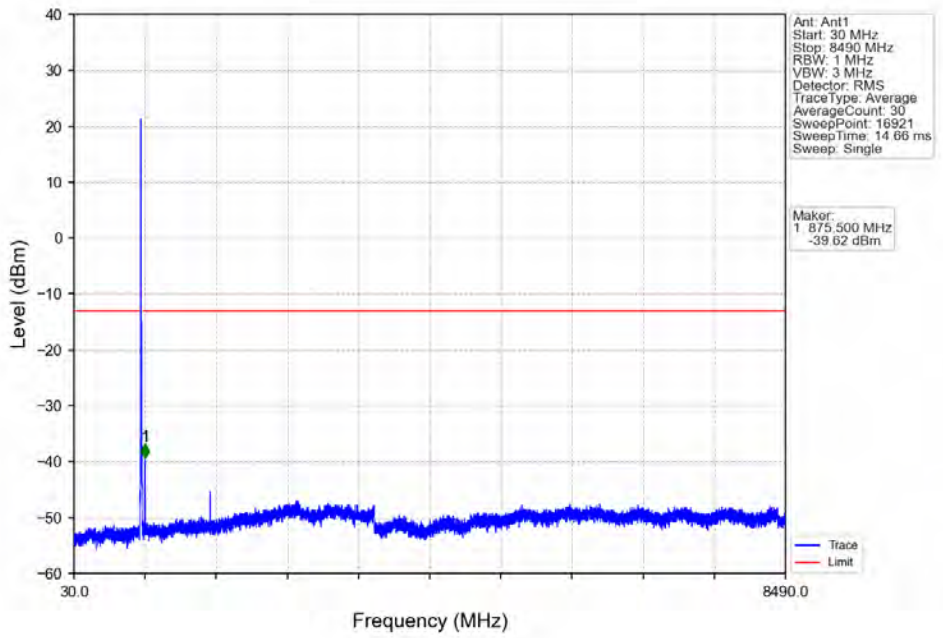

Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

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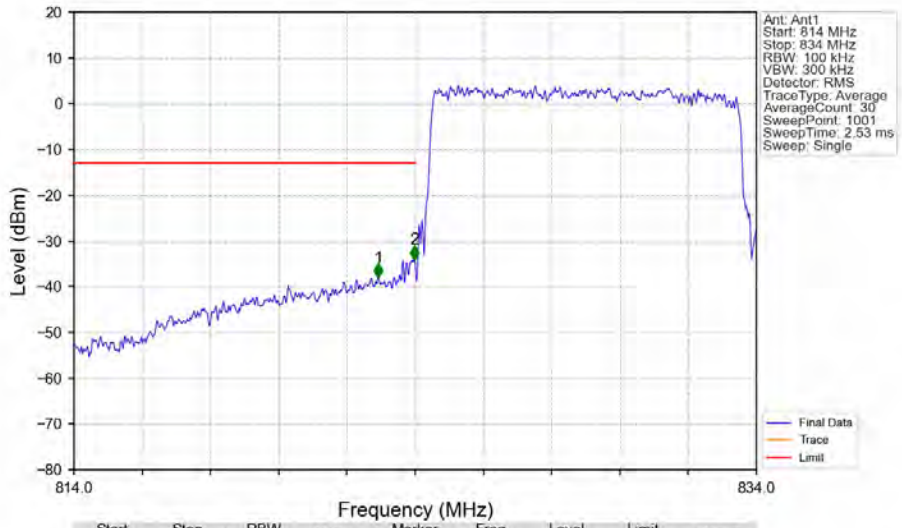

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.920	-37.99	-13	Pass
823	824	0.102	/	2	823.980	-34.05	-13	Pass
824	834	0.102	/	/	/	/	/	/

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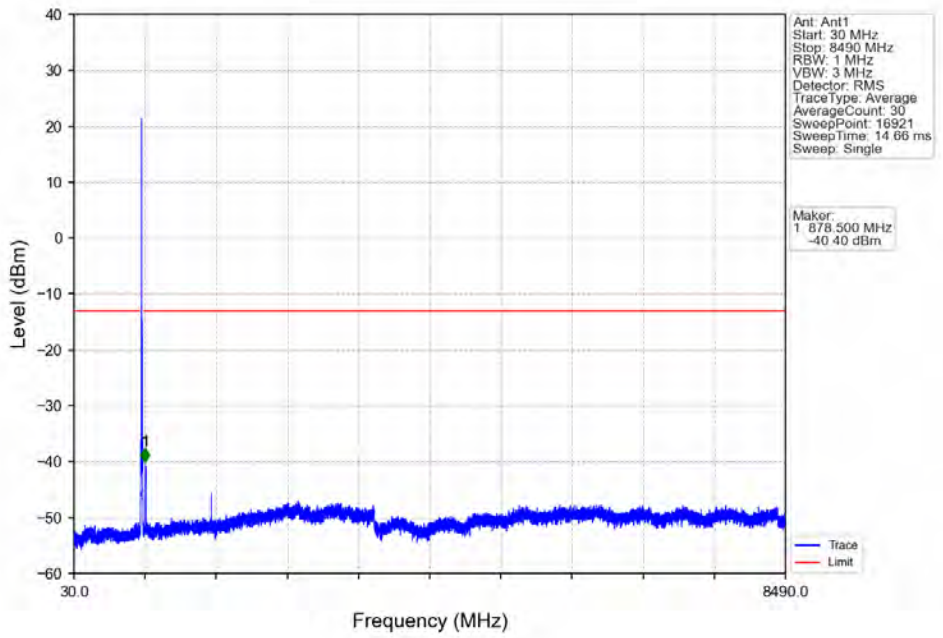

Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

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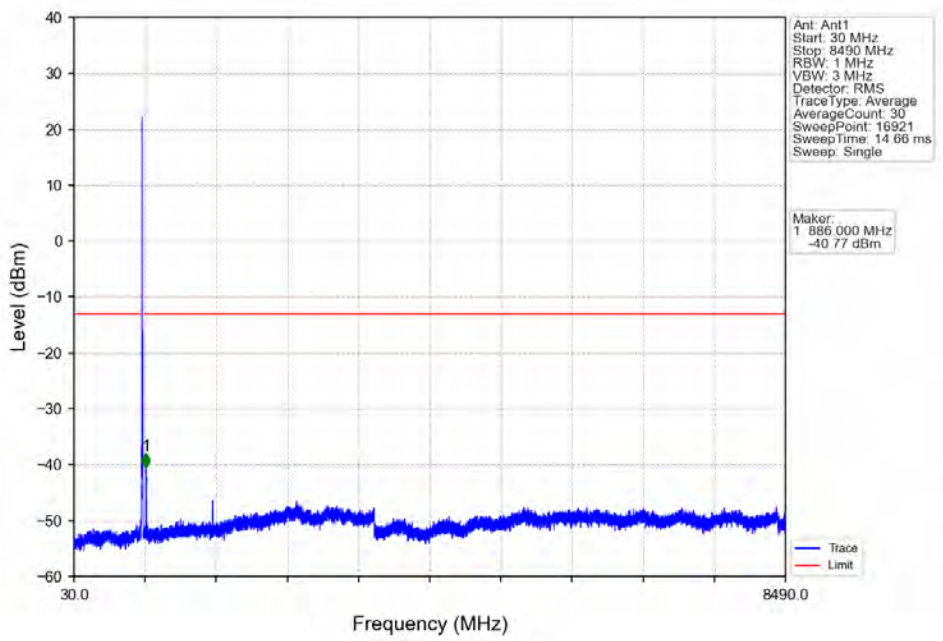

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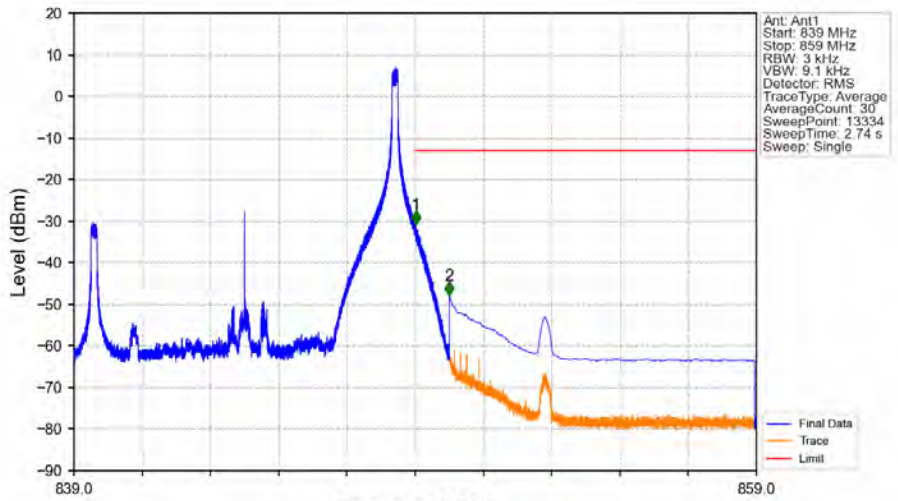

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.016	-30.90	-13	Pass
850	859	0.1	CHP	2	850.001	-47.95	-13	Pass

Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

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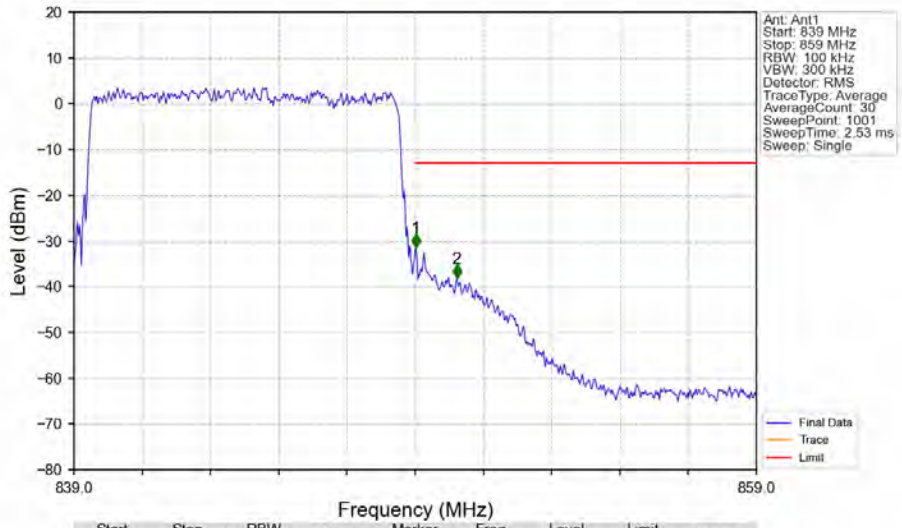

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.134	/	/	/	/	/	/
849	850	0.134	/	1	849.020	-31.56	-13	Pass
850	859	0.1	/	2	850.220	-38.24	-13	Pass

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6. Field Strength of Spurious Radiation

Test Band = LTE_B5 _TM1
Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1242.5	47.68	-47.89	24.52	-70.95	-13.00	57.95	Horizontal
2	1649	57.40	-47.52	25.49	-59.89	-13.00	46.89	Horizontal
3	2473.5	67.14	-46.67	27.69	-47.10	-13.00	34.10	Horizontal
4	5524.5	50.23	-41.87	32.30	-54.60	-13.00	41.60	Horizontal
5	7885	41.54	-37.54	36.59	-54.67	-13.00	41.67	Horizontal
6	9913.5	40.47	-35.34	38.61	-51.52	-13.00	38.52	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649	60.71	-47.52	25.49	-56.58	-13.00	43.58	Vertical
2	2473.5	63.58	-46.67	27.69	-50.66	-13.00	37.66	Vertical
3	3907	45.63	-44.38	29.73	-64.28	-13.00	51.28	Vertical
4	5524.5	49.19	-41.87	32.30	-55.64	-13.00	42.64	Vertical
5	7906	41.65	-37.47	36.49	-54.59	-13.00	41.59	Vertical
6	9989	40.65	-35.64	38.69	-51.56	-13.00	38.56	Vertical

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Test Band = LTE_B5 _TM1
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1254.5	47.49	-47.88	24.51	-71.14	-13.00	58.14	Horizontal
2	1664	61.13	-47.49	25.39	-56.23	-13.00	43.23	Horizontal
3	2496	71.25	-46.69	27.78	-42.92	-13.00	29.92	Horizontal
4	4160.5	47.36	-43.93	29.44	-62.39	-13.00	49.39	Horizontal
5	5524.5	49.78	-41.87	32.30	-55.05	-13.00	42.05	Horizontal
6	7491	41.89	-38.38	36.88	-54.87	-13.00	41.87	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1664	62.78	-47.49	25.39	-54.58	-13.00	41.58	Vertical
2	2496	69.85	-46.69	27.78	-44.32	-13.00	31.32	Vertical
3	4160.5	47.31	-43.93	29.44	-62.44	-13.00	49.44	Vertical
4	5524.5	49.54	-41.87	32.30	-55.29	-13.00	42.29	Vertical
5	7516	41.75	-38.44	36.74	-55.21	-13.00	42.21	Vertical
6	9986	40.69	-35.63	38.69	-51.51	-13.00	38.51	Vertical

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Test Band = LTE_B5 _TM1
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1679	59.95	-47.47	25.27	-57.51	-13.00	44.51	Horizontal
2	2518.5	68.75	-46.59	27.80	-45.30	-13.00	32.30	Horizontal
3	4039.5	45.94	-44.01	29.64	-63.69	-13.00	50.69	Horizontal
4	5524.5	49.55	-41.87	32.30	-55.28	-13.00	42.28	Horizontal
5	7896	42.21	-37.49	36.52	-54.02	-13.00	41.02	Horizontal
6	9904.5	40.15	-35.31	38.60	-51.82	-13.00	38.82	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1679	62.63	-47.47	25.27	-54.83	-13.00	41.83	Vertical
2	2519	67.30	-46.59	27.80	-46.75	-13.00	33.75	Vertical
3	3746.5	45.96	-44.81	29.58	-64.53	-13.00	51.53	Vertical
4	5524.5	49.28	-41.87	32.30	-55.55	-13.00	42.55	Vertical
5	8301	40.78	-37.06	36.40	-55.14	-13.00	42.14	Vertical
6	9967	40.34	-35.55	38.67	-51.80	-13.00	38.80	Vertical

Remark:
1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:
AF = Antenna Factor(dB/m)
Factor = Cable Factor(dB) - Preamplifier (dB)
Level = Reading Level + AF + Factor -95.26
Margin = Limit – Level

---End of Attachment---

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