1. Effective (Isotropic) Radiated Power Output Data

1.1 B5_1.4MHz_ERP

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	21.80	1.28	20.93	<=38.45	Pass
			2	21.85	1.28	20.98	<=38.45	Pass
			5	21.84	1.28	20.97	<=38.45	Pass
		3	0	22.06	1.28	21.19	<=38.45	Pass
			2	22.02	1.28	21.15	<=38.45	Pass
			3	21.97	1.28	21.10	<=38.45	Pass
		6	0	21.08	1.28	20.21	<=38.45	Pass
	836.5	1	0	21.71	1.28	20.84	<=38.45	Pass
			2	21.80	1.28	20.93	<=38.45	Pass
			5	21.73	1.28	20.86	<=38.45	Pass
		3	0	21.86	1.28	20.99	<=38.45	Pass
			2	21.78	1.28	20.91	<=38.45	Pass
			3	21.72	1.28	20.85	<=38.45	Pass
		6	0	20.88	1.28	20.01	<=38.45	Pass
	848.3	1	0	21.45	1.28	20.58	<=38.45	Pass
			2	21.61	1.28	20.74	<=38.45	Pass
			5	21.57	1.28	20.70	<=38.45	Pass
		3	0	21.63	1.28	20.76	<=38.45	Pass
			2	21.59	1.28	20.72	<=38.45	Pass
			3	21.61	1.28	20.74	<=38.45	Pass
		6	0	20.62	1.28	19.75	<=38.45	Pass
16QAM	824.7	1	0	21.11	1.28	20.24	<=38.45	Pass
			2	20.94	1.28	20.07	<=38.45	Pass
			5	20.89	1.28	20.02	<=38.45	Pass
		3	0	21.10	1.28	20.23	<=38.45	Pass
			2	21.11	1.28	20.24	<=38.45	Pass
			3	21.13	1.28	20.26	<=38.45	Pass
		6	0	20.13	1.28	19.26	<=38.45	Pass
	836.5	1	0	20.59	1.28	19.72	<=38.45	Pass
			2	21.01	1.28	20.14	<=38.45	Pass
			5	20.87	1.28	20.00	<=38.45	Pass
		3	0	21.02	1.28	20.15	<=38.45	Pass
			2	20.99	1.28	20.12	<=38.45	Pass
			3	21.04	1.28	20.17	<=38.45	Pass
		6	0	19.95	1.28	19.08	<=38.45	Pass
	848.3	1	0	20.65	1.28	19.78	<=38.45	Pass
			2	20.77	1.28	19.90	<=38.45	Pass
			5	20.68	1.28	19.81	<=38.45	Pass
		3	0	20.71	1.28	19.84	<=38.45	Pass
			2	20.76	1.28	19.89	<=38.45	Pass
			3	20.67	1.28	19.80	<=38.45	Pass
		6	0	19.67	1.28	18.80	<=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	21.92	1.28	21.05	<=38.45	Pass
			7	22.07	1.28	21.20	<=38.45	Pass
			14	21.94	1.28	21.07	<=38.45	Pass
		8	0	21.11	1.28	20.24	<=38.45	Pass
			4	20.99	1.28	20.12	<=38.45	Pass
			7	20.96	1.28	20.09	<=38.45	Pass
		15	0	21.10	1.28	20.23	<=38.45	Pass
	836.5	1	0	21.83	1.28	20.96	<=38.45	Pass
			7	21.96	1.28	21.09	<=38.45	Pass
			14	22.07	1.28	21.20	<=38.45	Pass
		8	0	21.06	1.28	20.19	<=38.45	Pass
			4	20.95	1.28	20.08	<=38.45	Pass
			7	20.91	1.28	20.04	<=38.45	Pass
		15	0	20.99	1.28	20.12	<=38.45	Pass
	847.5	1	0	21.66	1.28	20.79	<=38.45	Pass
			7	21.80	1.28	20.93	<=38.45	Pass
			14	21.63	1.28	20.76	<=38.45	Pass
		8	0	20.70	1.28	19.83	<=38.45	Pass
			4	20.81	1.28	19.94	<=38.45	Pass
			7	20.78	1.28	19.91	<=38.45	Pass
		15	0	20.75	1.28	19.88	<=38.45	Pass
16QAM	825.5	1	0	20.95	1.28	20.08	<=38.45	Pass
			7	20.86	1.28	19.99	<=38.45	Pass
			14	20.90	1.28	20.03	<=38.45	Pass
		8	0	19.93	1.28	19.06	<=38.45	Pass
			4	20.27	1.28	19.40	<=38.45	Pass
			7	20.24	1.28	19.37	<=38.45	Pass
		15	0	20.11	1.28	19.24	<=38.45	Pass
	836.5	1	0	20.69	1.28	19.82	<=38.45	Pass
			7	20.99	1.28	20.12	<=38.45	Pass
			14	21.04	1.28	20.17	<=38.45	Pass
		8	0	19.99	1.28	19.12	<=38.45	Pass
			4	19.70	1.28	18.83	<=38.45	Pass
			7	20.04	1.28	19.17	<=38.45	Pass
		15	0	19.93	1.28	19.06	<=38.45	Pass
	847.5	1	0	21.02	1.28	20.15	<=38.45	Pass
			7	21.36	1.28	20.49	<=38.45	Pass
			14	21.03	1.28	20.16	<=38.45	Pass
		8	0	19.72	1.28	18.85	<=38.45	Pass
			4	19.84	1.28	18.97	<=38.45	Pass
			7	19.82	1.28	18.95	<=38.45	Pass
		15	0	19.87	1.28	19.00	<=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	RB Allocation	Conducted Power	Gain	ERP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit	
QPSK	826.5	1	0	21.75	1.28	20.88	<=38.45	Pass
			13	21.84	1.28	20.97	<=38.45	Pass
			24	21.90	1.28	21.03	<=38.45	Pass
		12	0	20.94	1.28	20.07	<=38.45	Pass
			6	20.84	1.28	19.97	<=38.45	Pass
			13	20.93	1.28	20.06	<=38.45	Pass
		25	0	21.00	1.28	20.13	<=38.45	Pass
	836.5	1	0	21.64	1.28	20.77	<=38.45	Pass
			13	21.78	1.28	20.91	<=38.45	Pass
			24	21.48	1.28	20.61	<=38.45	Pass
		12	0	20.83	1.28	19.96	<=38.45	Pass
			6	20.78	1.28	19.91	<=38.45	Pass
			13	20.72	1.28	19.85	<=38.45	Pass
		25	0	20.80	1.28	19.93	<=38.45	Pass
	846.5	1	0	21.39	1.28	20.52	<=38.45	Pass
			13	21.79	1.28	20.92	<=38.45	Pass
			24	21.58	1.28	20.71	<=38.45	Pass
		12	0	20.61	1.28	19.74	<=38.45	Pass
			6	20.69	1.28	19.82	<=38.45	Pass
			13	20.63	1.28	19.76	<=38.45	Pass
		25	0	20.62	1.28	19.75	<=38.45	Pass
16QAM	826.5	1	0	20.73	1.28	19.86	<=38.45	Pass
			13	21.10	1.28	20.23	<=38.45	Pass
			24	21.15	1.28	20.28	<=38.45	Pass
		12	0	20.08	1.28	19.21	<=38.45	Pass
			6	19.89	1.28	19.02	<=38.45	Pass
			13	19.78	1.28	18.91	<=38.45	Pass
		25	0	19.90	1.28	19.03	<=38.45	Pass
	836.5	1	0	20.20	1.28	19.33	<=38.45	Pass
			13	20.78	1.28	19.91	<=38.45	Pass
			24	20.02	1.28	19.15	<=38.45	Pass
		12	0	19.77	1.28	18.90	<=38.45	Pass
			6	19.90	1.28	19.03	<=38.45	Pass
			13	19.65	1.28	18.78	<=38.45	Pass
		25	0	19.94	1.28	19.07	<=38.45	Pass
	846.5	1	0	20.44	1.28	19.57	<=38.45	Pass
			13	20.55	1.28	19.68	<=38.45	Pass
			24	20.40	1.28	19.53	<=38.45	Pass
		12	0	19.43	1.28	18.56	<=38.45	Pass
			6	19.64	1.28	18.77	<=38.45	Pass
			13	19.64	1.28	18.77	<=38.45	Pass
		25	0	19.65	1.28	18.78	<=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	21.78	1.28	20.91	<=38.45	Pass
			25	21.88	1.28	21.01	<=38.45	Pass
			49	22.05	1.28	21.18	<=38.45	Pass
		25	0	20.92	1.28	20.05	<=38.45	Pass
			13	20.93	1.28	20.06	<=38.45	Pass
			25	21.03	1.28	20.16	<=38.45	Pass
		50	0	21.02	1.28	20.15	<=38.45	Pass
	836.5	1	0	21.72	1.28	20.85	<=38.45	Pass

			25	21.97	1.28	21.10	<=38.45	Pass
			49	21.54	1.28	20.67	<=38.45	Pass
		25	0	21.00	1.28	20.13	<=38.45	Pass
			13	20.87	1.28	20.00	<=38.45	Pass
			25	20.82	1.28	19.95	<=38.45	Pass
		50	0	20.87	1.28	20.00	<=38.45	Pass
	844	1	0	21.67	1.28	20.80	<=38.45	Pass
			25	21.54	1.28	20.67	<=38.45	Pass
			49	21.66	1.28	20.79	<=38.45	Pass
		25	0	20.76	1.28	19.89	<=38.45	Pass
			13	20.81	1.28	19.94	<=38.45	Pass
			25	20.71	1.28	19.84	<=38.45	Pass
		50	0	20.71	1.28	19.84	<=38.45	Pass
16QAM	829	1	0	20.97	1.28	20.10	<=38.45	Pass
			25	21.06	1.28	20.19	<=38.45	Pass
			49	20.85	1.28	19.98	<=38.45	Pass
		25	0	19.81	1.28	18.94	<=38.45	Pass
			13	19.79	1.28	18.92	<=38.45	Pass
			25	20.28	1.28	19.41	<=38.45	Pass
	836.5	1	0	21.33	1.28	20.46	<=38.45	Pass
			25	21.31	1.28	20.44	<=38.45	Pass
			49	21.26	1.28	20.39	<=38.45	Pass
		25	0	20.01	1.28	19.14	<=38.45	Pass
			13	20.05	1.28	19.18	<=38.45	Pass
			25	19.80	1.28	18.93	<=38.45	Pass
	844	1	0	21.23	1.28	20.36	<=38.45	Pass
			25	21.15	1.28	20.28	<=38.45	Pass
			49	20.99	1.28	20.12	<=38.45	Pass
		25	0	19.83	1.28	18.96	<=38.45	Pass
			13	19.74	1.28	18.87	<=38.45	Pass
			25	19.83	1.28	18.96	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 B5_1.4MHz

2.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.27	-1.760	-0.0021	-2.5 to 2.5	Pass
					3.85	-2.060	-0.0025	-2.5 to 2.5	Pass
					4.43	-1.960	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-1.445	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.659	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-2.661	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-2.418	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-2.346	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-2.575	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-2.017	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-1.888	-0.0023	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-0.501	-0.0006	-2.5 to 2.5	Pass
					3.85	-1.760	-0.0021	-2.5 to 2.5	Pass
					4.43	-0.801	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.343	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.787	-0.0009	-2.5 to 2.5	Pass

				-10	3.85	-0.458	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.173	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-0.687	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.973	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.443	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.615	-0.0007	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-1.531	-0.0018	-2.5 to 2.5	Pass
					3.85	-0.272	-0.0003	-2.5 to 2.5	Pass
					4.43	0.057	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.386	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.259	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-0.715	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.144	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.717	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-1.302	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-1.316	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-1.030	-0.0012	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-1.745	-0.0021	-2.5 to 2.5	Pass
					3.85	-2.332	-0.0028	-2.5 to 2.5	Pass
					4.43	-1.273	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.588	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-1.717	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-1.717	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-1.359	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.588	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-1.302	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-0.744	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.316	-0.0016	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-1.416	-0.0017	-2.5 to 2.5	Pass
					3.85	-0.987	-0.0012	-2.5 to 2.5	Pass
					4.43	-1.302	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.216	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.216	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.987	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-0.372	-0.0004	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	0.186	0.0002	-2.5 to 2.5	Pass
					3.85	0.501	0.0006	-2.5 to 2.5	Pass
					4.43	-0.300	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.200	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.958	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.544	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.873	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.257	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.343	-0.0004	-2.5 to 2.5	Pass
				40	3.85	0.072	0.0001	-2.5 to 2.5	Pass
				50	3.85	1.345	0.0016	-2.5 to 2.5	Pass

2.2 B5_3MHz

2.2.1 Test Result

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.27	0.930	0.0011	-2.5 to 2.5	Pass
					3.85	-0.401	-0.0005	-2.5 to 2.5	Pass

					4.43	-0.401	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.101	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.257	0.0003	-2.5 to 2.5	Pass
				0	3.85	-1.159	-0.0014	-2.5 to 2.5	Pass
				10	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				30	3.85	-1.230	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-0.844	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.930	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.473	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-0.658	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.315	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.687	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.830	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.930	-0.0011	-2.5 to 2.5	Pass
				40	3.85	0.272	0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.844	-0.0010	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-2.203	-0.0026	-2.5 to 2.5	Pass
					3.85	-2.346	-0.0028	-2.5 to 2.5	Pass
					4.43	-1.316	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-1.631	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-1.373	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.373	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.103	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-1.903	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-2.174	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-0.787	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.217	-0.0026	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-0.815	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
					4.43	0.386	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.844	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.601	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.987	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.787	-0.0010	-2.5 to 2.5	Pass
				10	3.85	0.057	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.343	-0.0004	-2.5 to 2.5	Pass
				40	3.85	0.587	0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.044	-0.0013	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	0.000	0.0000	-2.5 to 2.5	Pass
					3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.372	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.373	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-1.831	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.287	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.887	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.386	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-1.287	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-0.987	-0.0012	-2.5 to 2.5	Pass
					3.85	-1.831	-0.0022	-2.5 to 2.5	Pass
					4.43	-2.546	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-1.545	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.659	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-1.688	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-1.259	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-1.073	-0.0013	-2.5 to 2.5	Pass

				30	3.85	-1.245	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-1.087	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.802	-0.0021	-2.5 to 2.5	Pass

2.3 B5_5MHz

2.3.1 Test Result

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.27	-1.745	-0.0021	-2.5 to 2.5	Pass
					3.85	-2.289	-0.0028	-2.5 to 2.5	Pass
					4.43	-1.888	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.616	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-1.616	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-1.287	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.217	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-1.688	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-1.488	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-2.317	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-1.616	-0.0020	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-0.730	-0.0009	-2.5 to 2.5	Pass
					3.85	-0.443	-0.0005	-2.5 to 2.5	Pass
					4.43	-1.631	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.587	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	-1.202	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-0.343	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.715	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.373	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-1.159	-0.0014	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-0.114	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
					4.43	-1.159	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.359	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-1.817	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-0.315	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.887	-0.0010	-2.5 to 2.5	Pass
				10	3.85	0.443	0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.916	-0.0011	-2.5 to 2.5	Pass
				40	3.85	0.458	0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.302	-0.0015	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-1.774	-0.0021	-2.5 to 2.5	Pass
					3.85	-2.275	-0.0028	-2.5 to 2.5	Pass
					4.43	-1.802	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-2.031	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-1.245	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-1.445	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-2.947	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-3.090	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-1.760	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.602	-0.0019	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-0.157	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.715	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.329	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.529	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.429	-0.0005	-2.5 to 2.5	Pass

				-10	3.85	-0.572	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.672	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.472	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.958	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.687	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-0.386	-0.0005	-2.5 to 2.5	Pass
					3.85	0.429	0.0005	-2.5 to 2.5	Pass
					4.43	0.930	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.144	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.987	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				30	3.85	-0.358	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.458	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.844	-0.0010	-2.5 to 2.5	Pass

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	3.27	-1.144	-0.0014	-2.5 to 2.5	Pass
					3.85	-1.116	-0.0013	-2.5 to 2.5	Pass
					4.43	-0.472	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.257	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.944	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.044	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-0.744	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.016	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.443	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-1.373	-0.0017	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-0.916	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.329	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.572	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.629	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.958	-0.0011	-2.5 to 2.5	Pass
				0	3.85	0.143	0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.202	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-1.860	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-0.858	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-0.772	-0.0009	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-0.572	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.715	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.402	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-1.531	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.187	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-0.801	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.315	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.858	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.372	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.701	-0.0008	-2.5 to 2.5	Pass

3. Modulation Characteristics

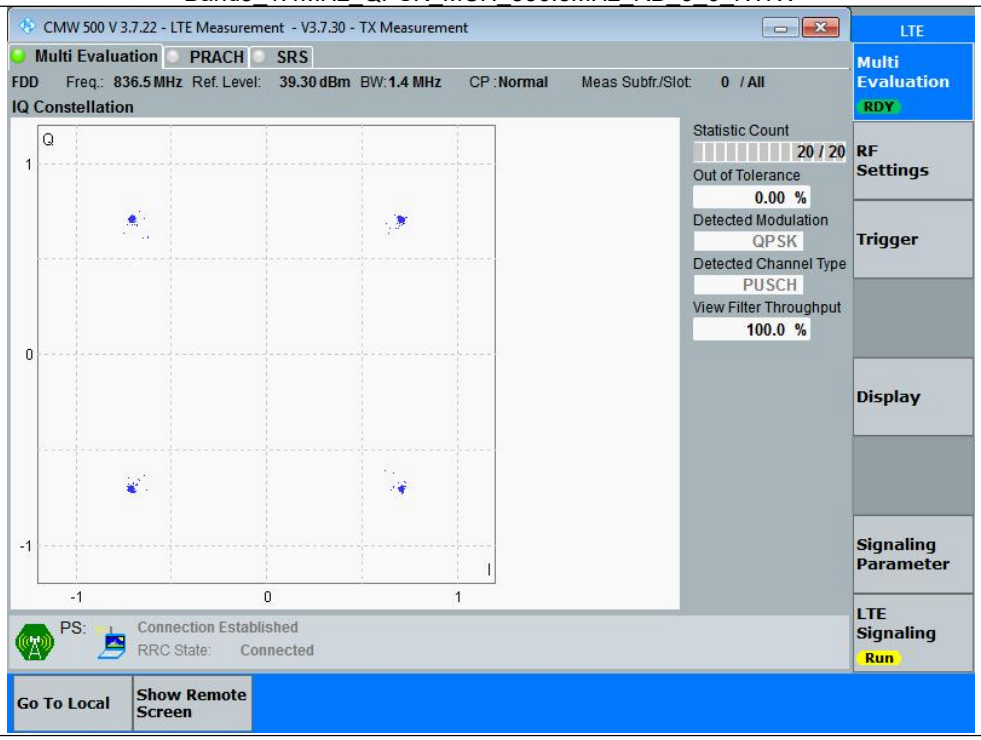
3.1 B5_1.4MHz

3.1.1 Test Result

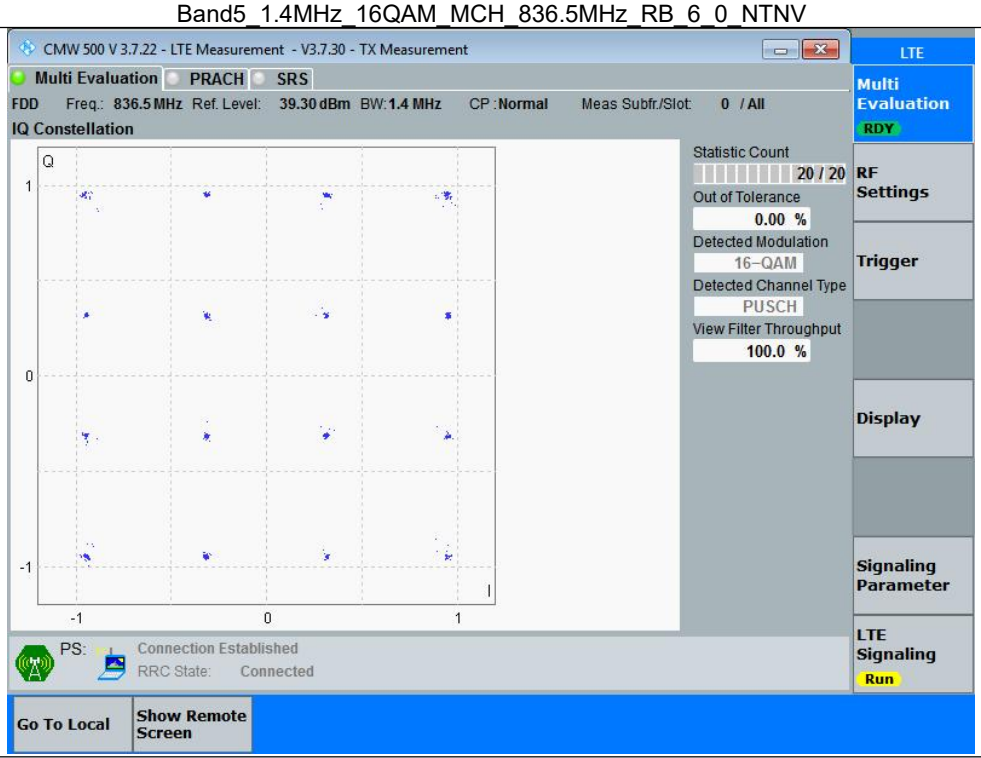
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	6	0	Refer To Test Graph		Pass
16QAM	836.5	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



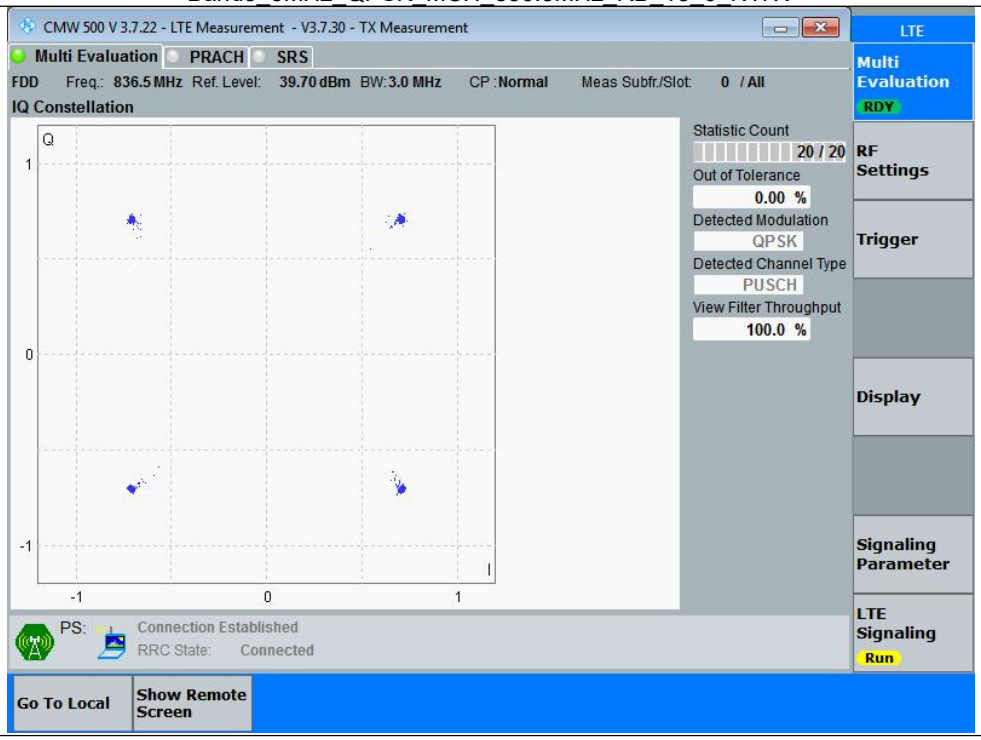
3.2 B5_3MHz

3.2.1 Test Result

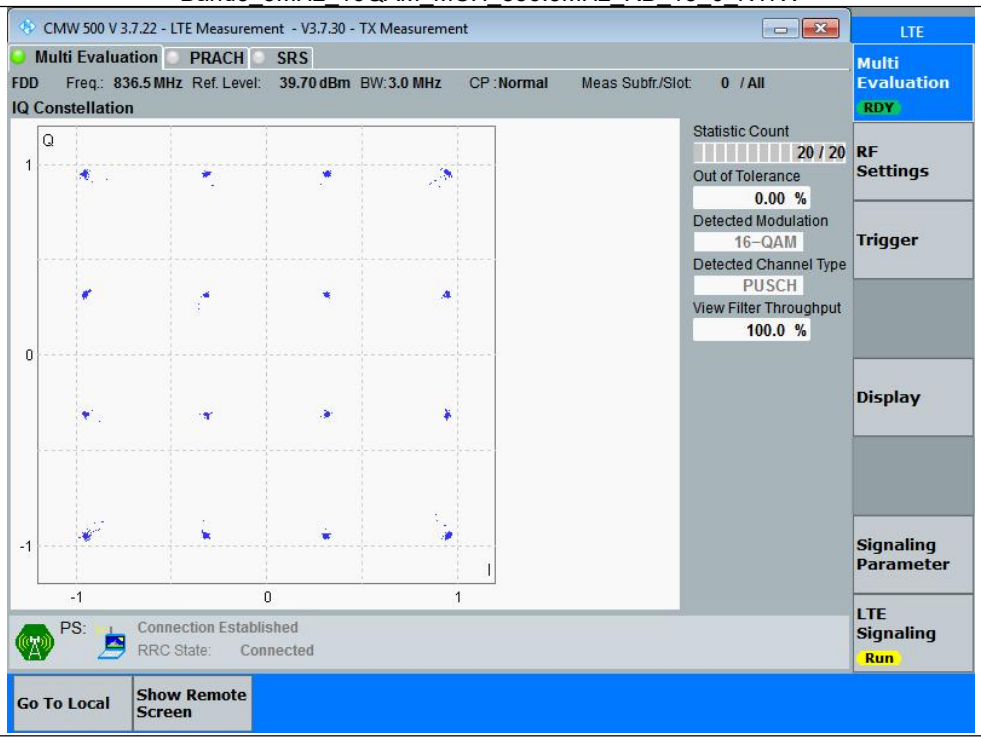
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	15	0	Refer To Test Graph		Pass
16QAM	836.5	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



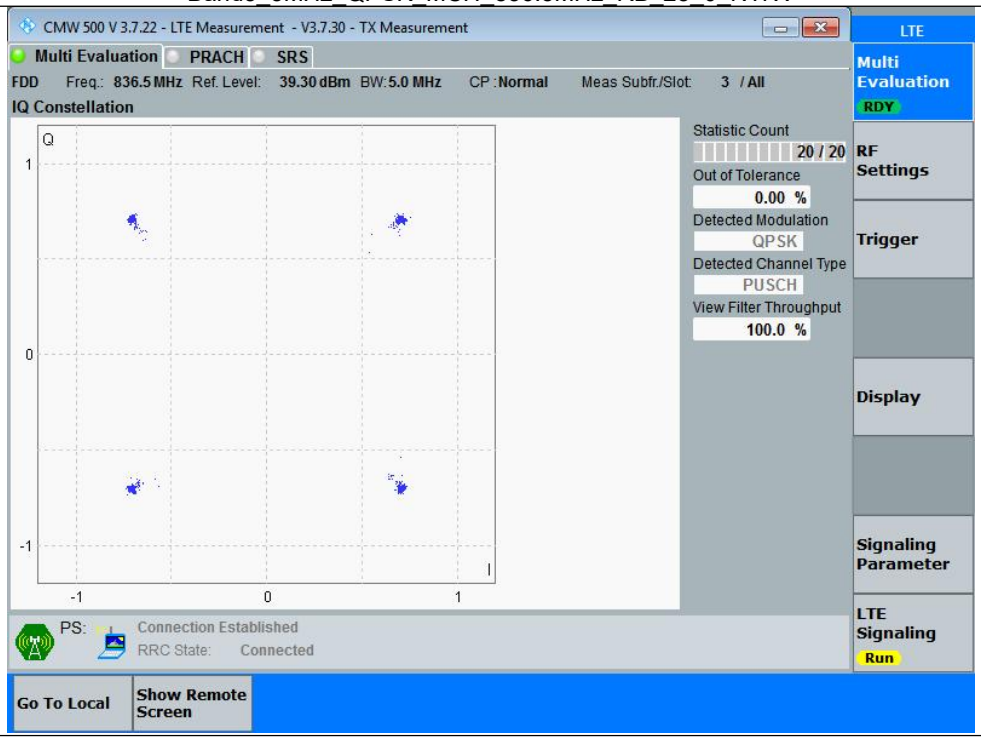
3.3 B5_5MHz

3.3.1 Test Result

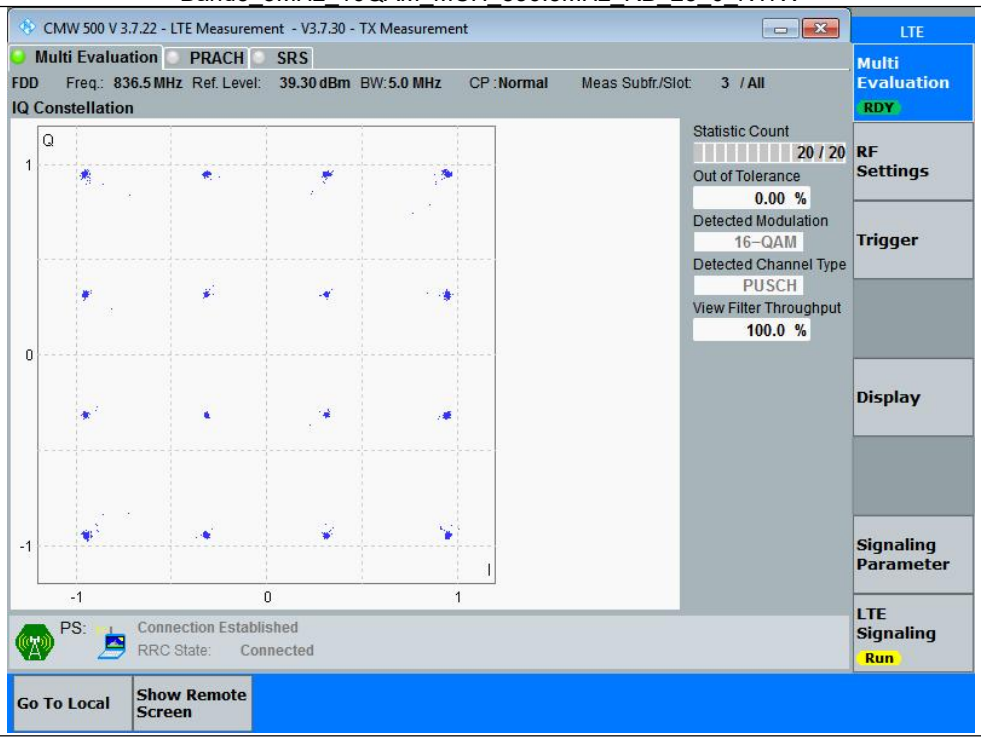
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



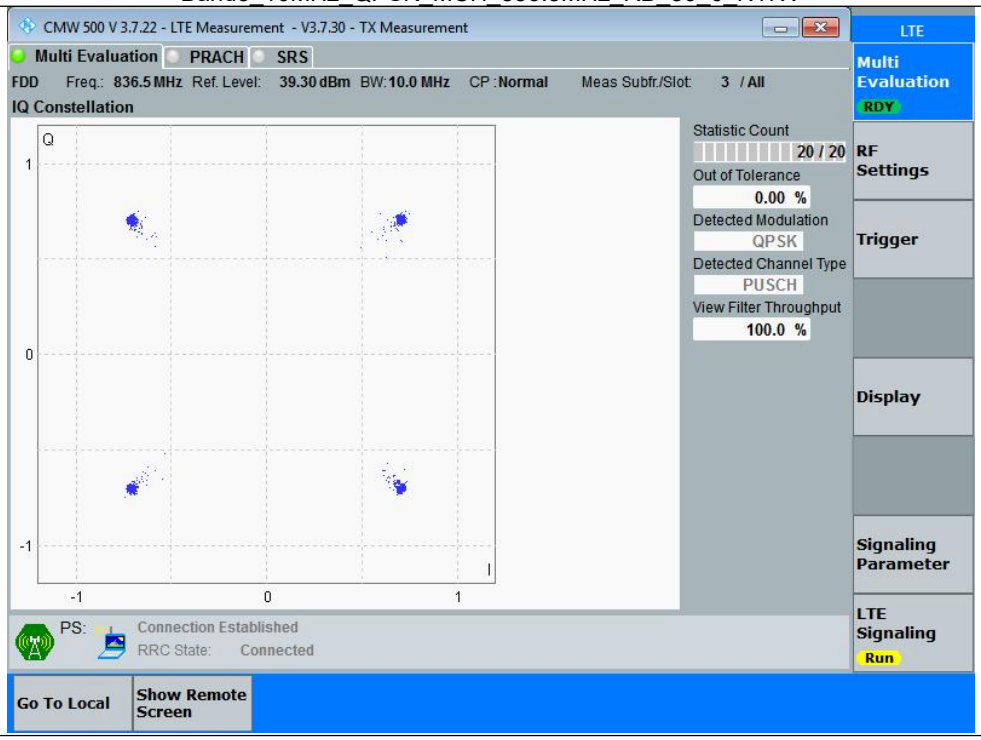
3.4 B5_10MHz

3.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



4. 99% & 26dB Bandwidth

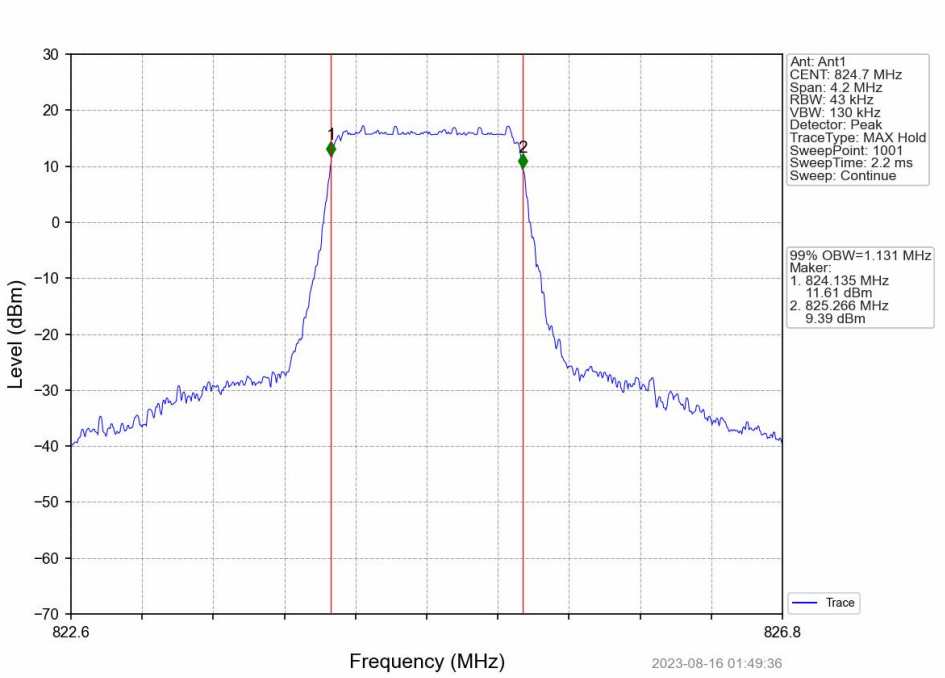
4.1 Band5_OBW

4.1.1 Test Result

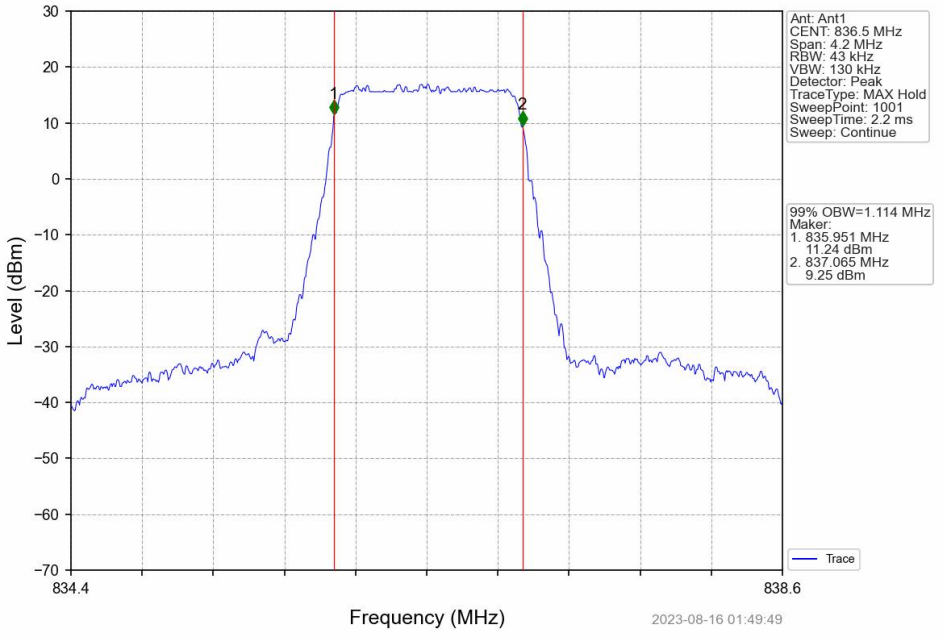
Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.131	Pass
		836.5	6	0	1.114	Pass
		848.3	6	0	1.120	Pass
	16QAM	824.7	6	0	1.112	Pass
		836.5	6	0	1.111	Pass
		848.3	6	0	1.107	Pass
3	QPSK	825.5	15	0	2.735	Pass
		836.5	15	0	2.753	Pass
		847.5	15	0	2.746	Pass
	16QAM	825.5	15	0	2.735	Pass
		836.5	15	0	2.727	Pass
		847.5	15	0	2.729	Pass
5	QPSK	826.5	25	0	4.544	Pass
		836.5	25	0	4.570	Pass
		846.5	25	0	4.549	Pass
	16QAM	826.5	25	0	4.559	Pass
		836.5	25	0	4.536	Pass
		846.5	25	0	4.566	Pass
10	QPSK	829	50	0	9.066	Pass
		836.5	50	0	9.008	Pass
		844	50	0	9.042	Pass

4.1.2 Test Graph

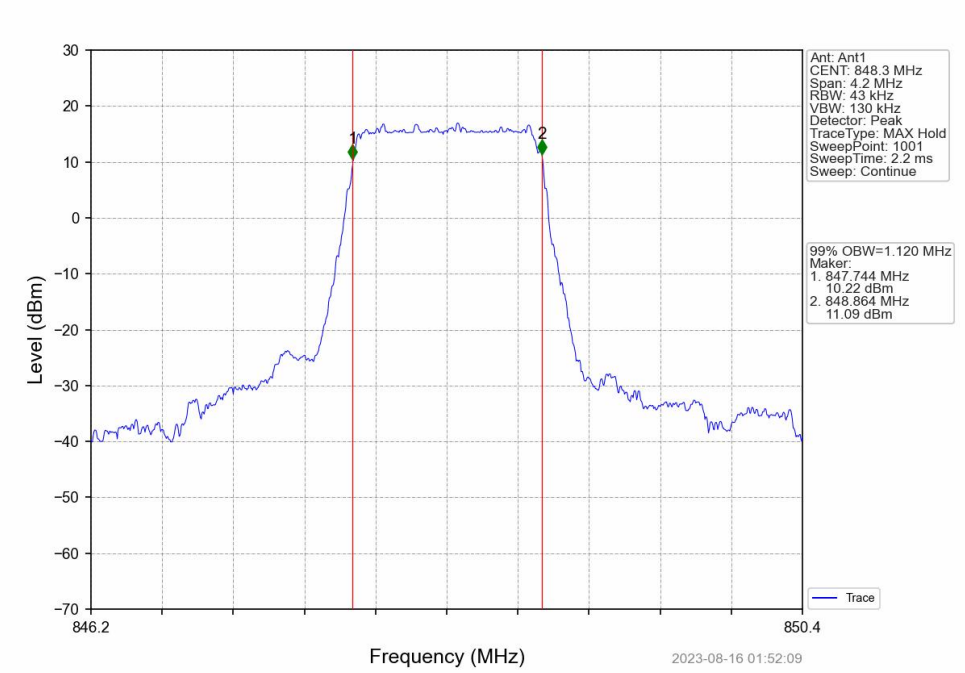
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



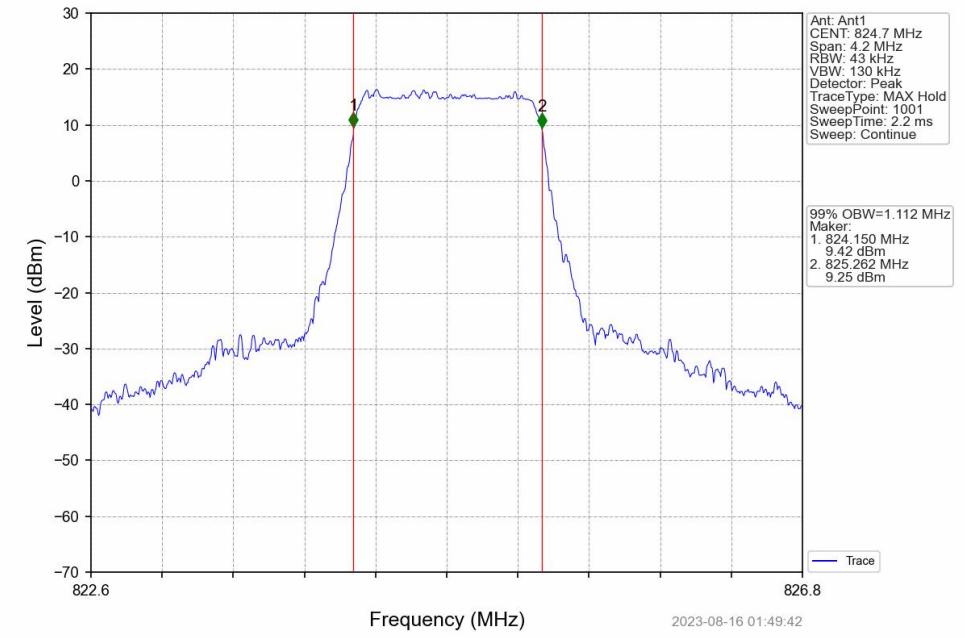
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



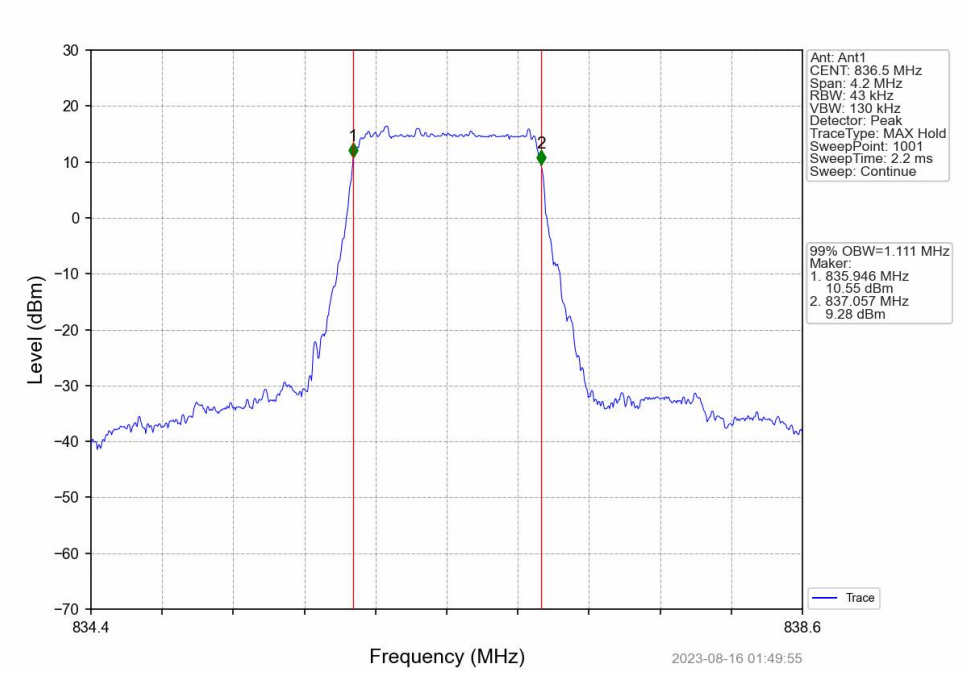
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



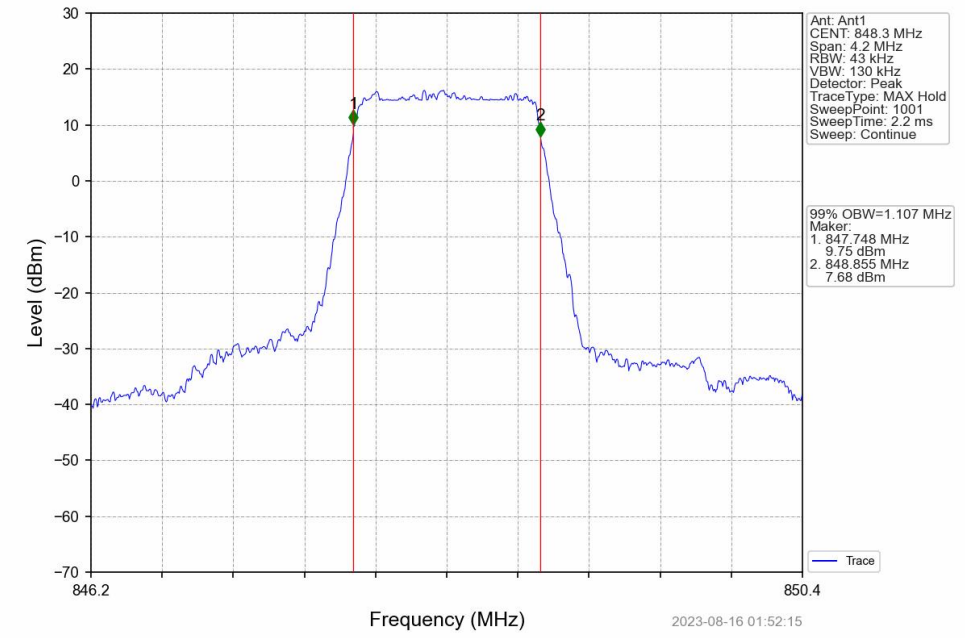
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



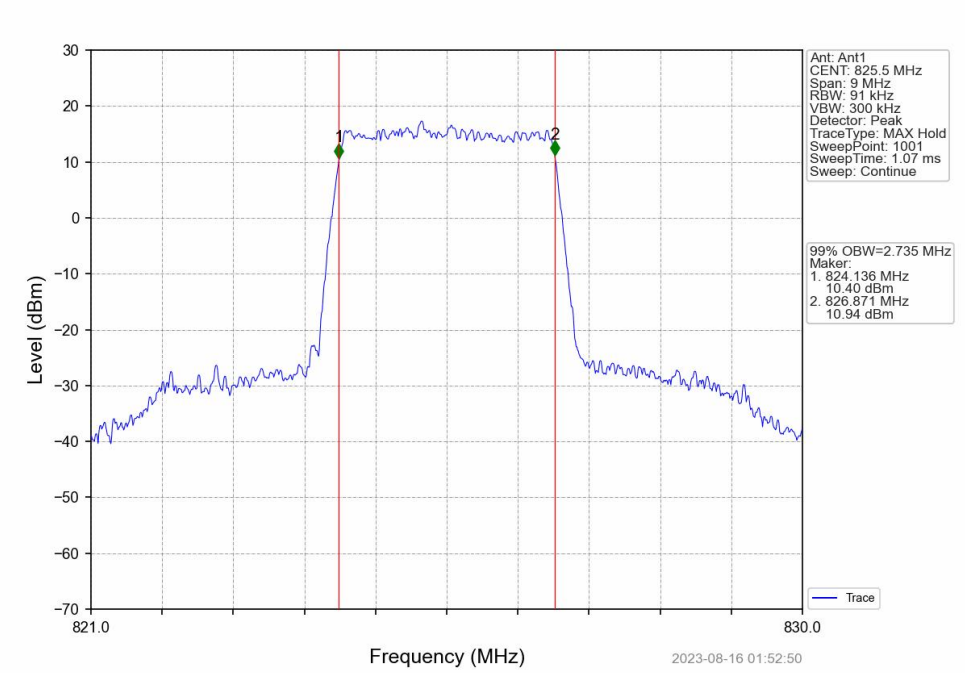
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



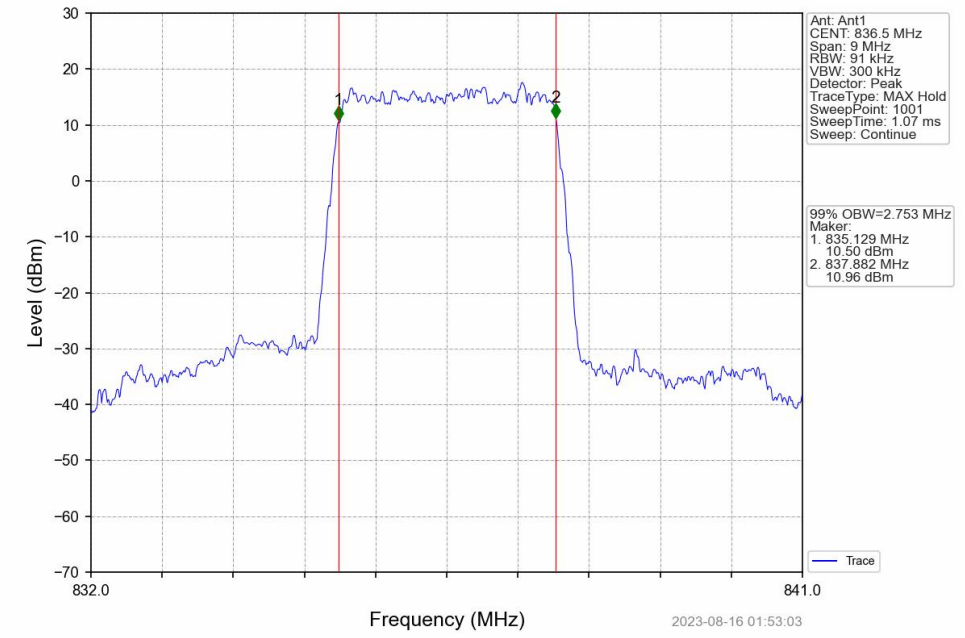
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



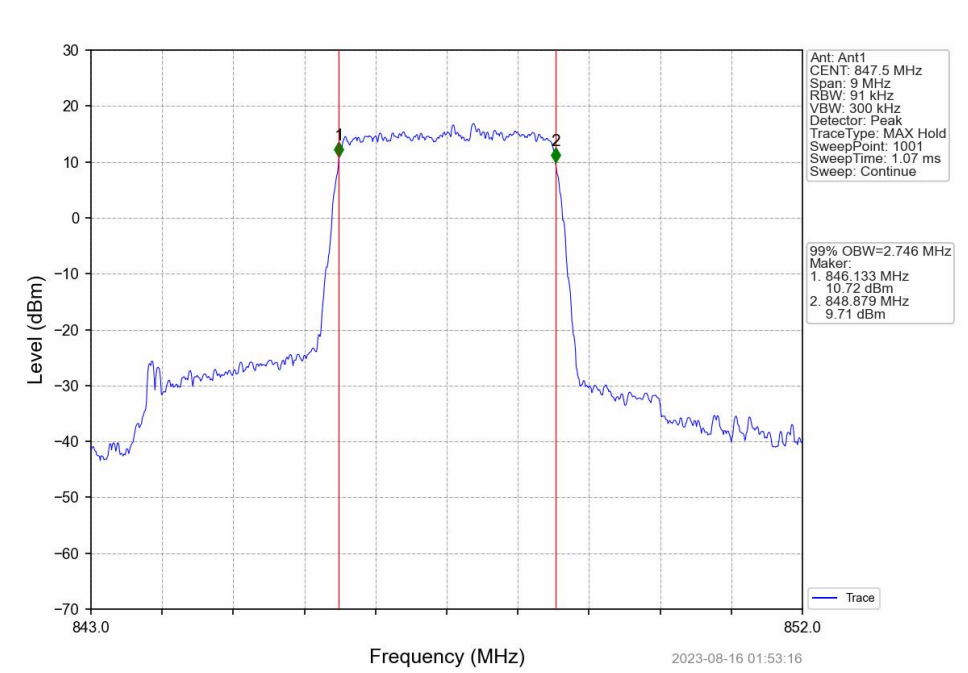
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



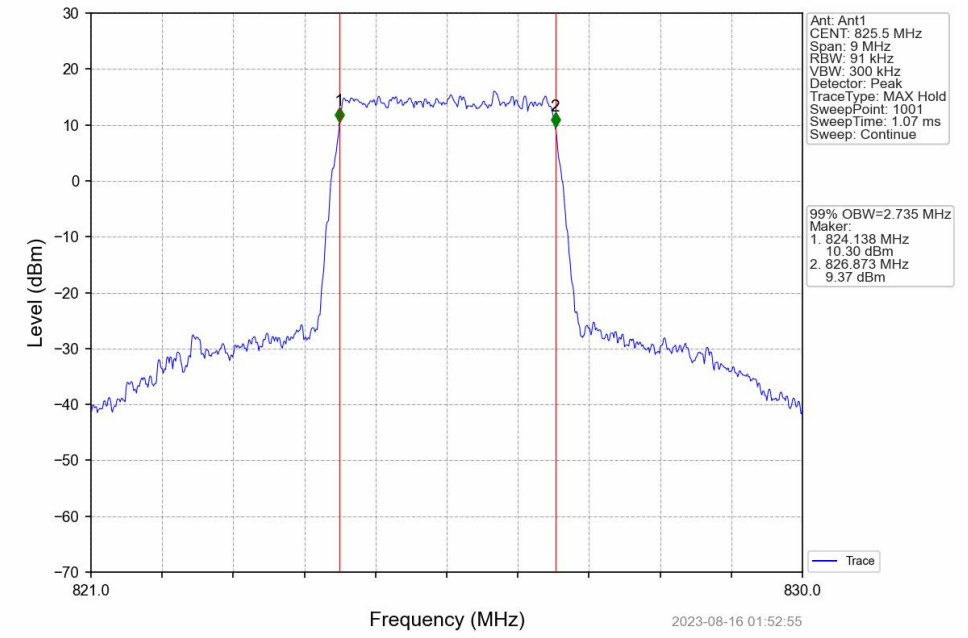
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



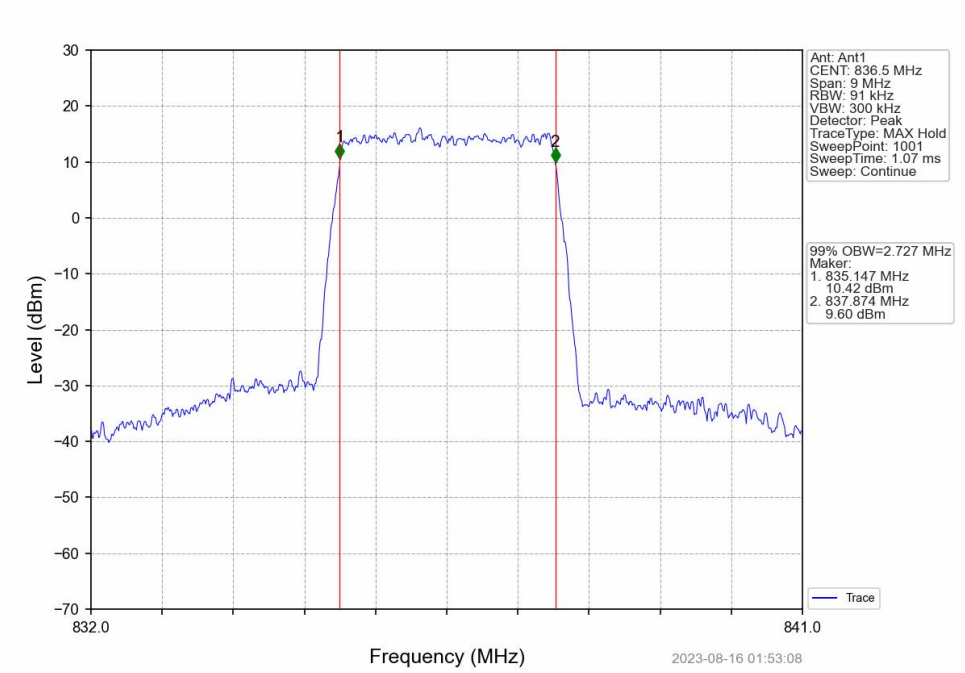
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



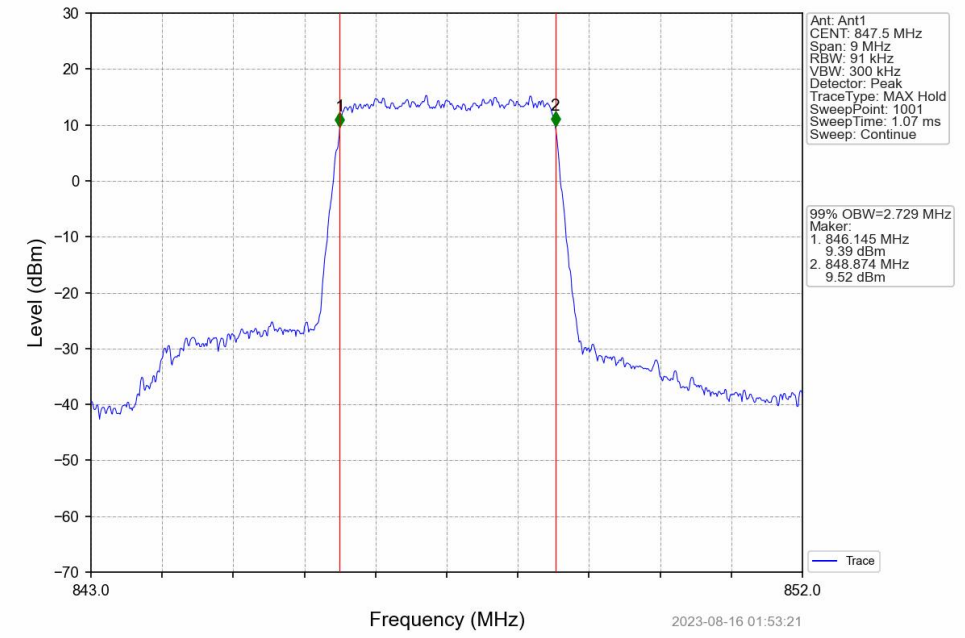
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



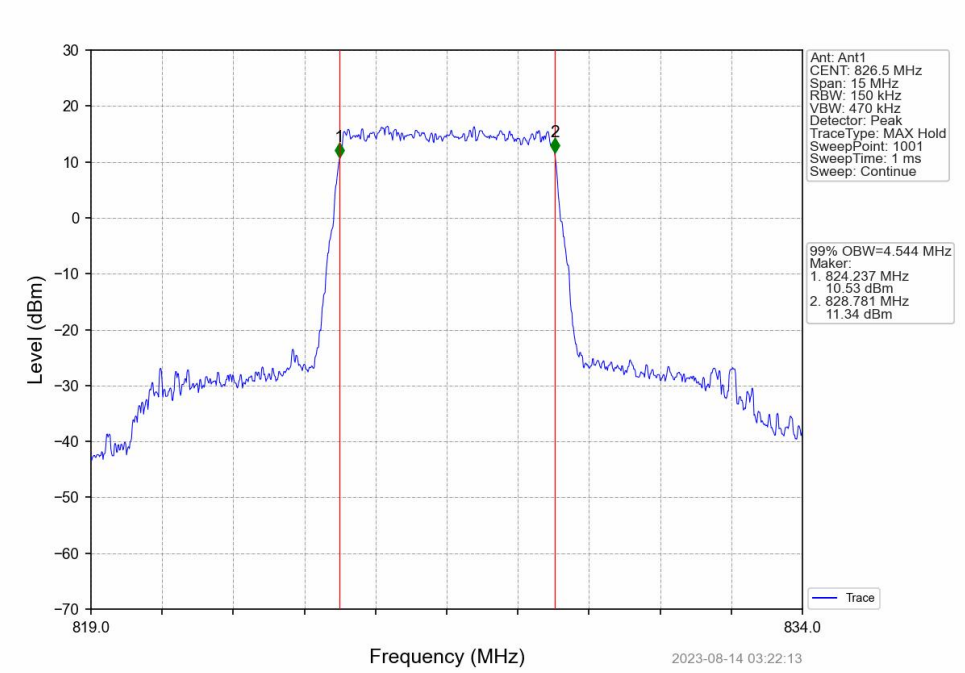
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



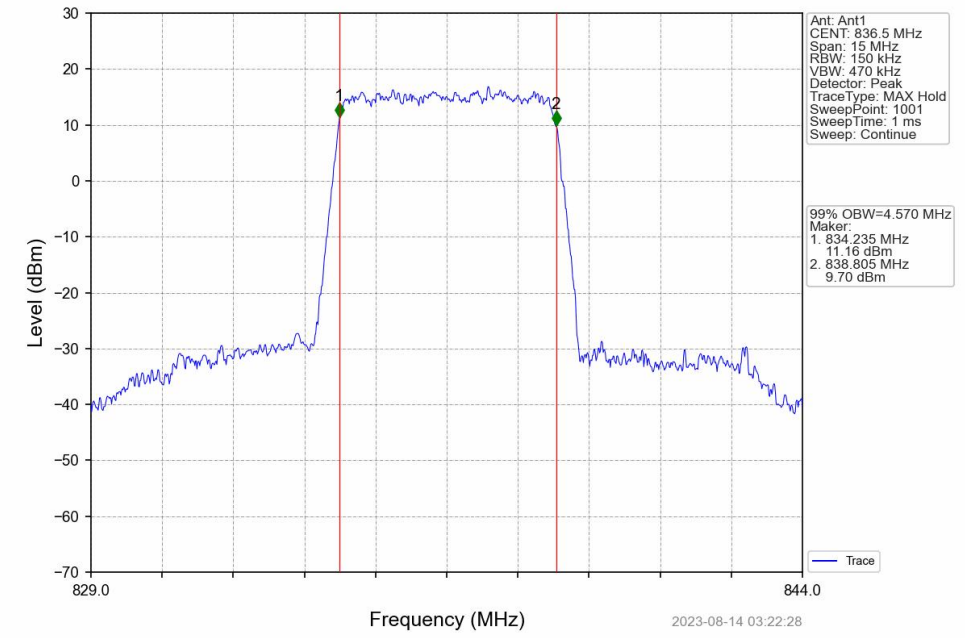
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



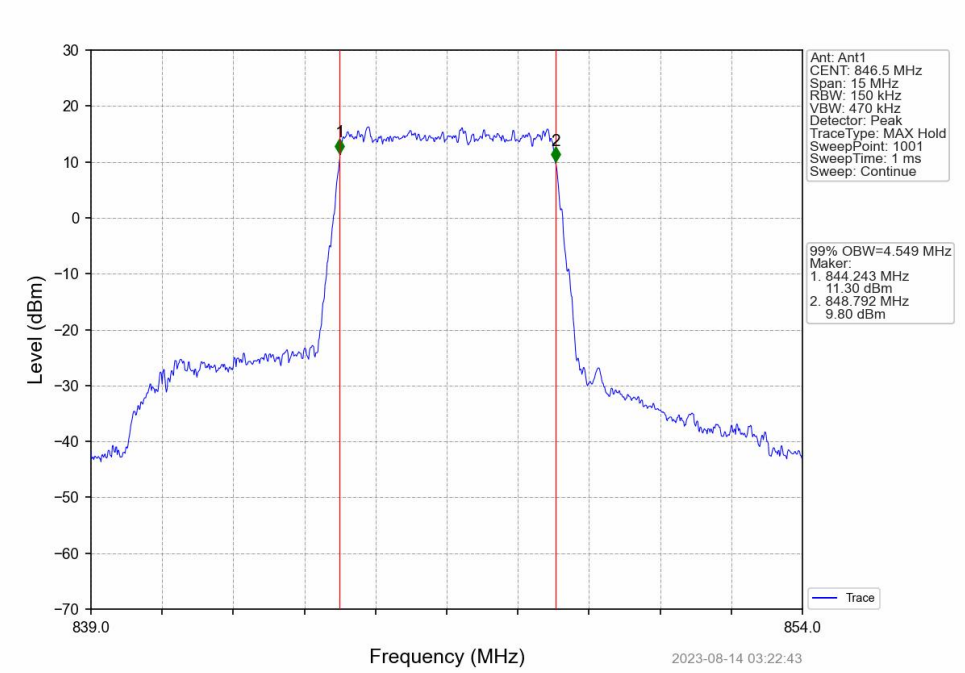
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



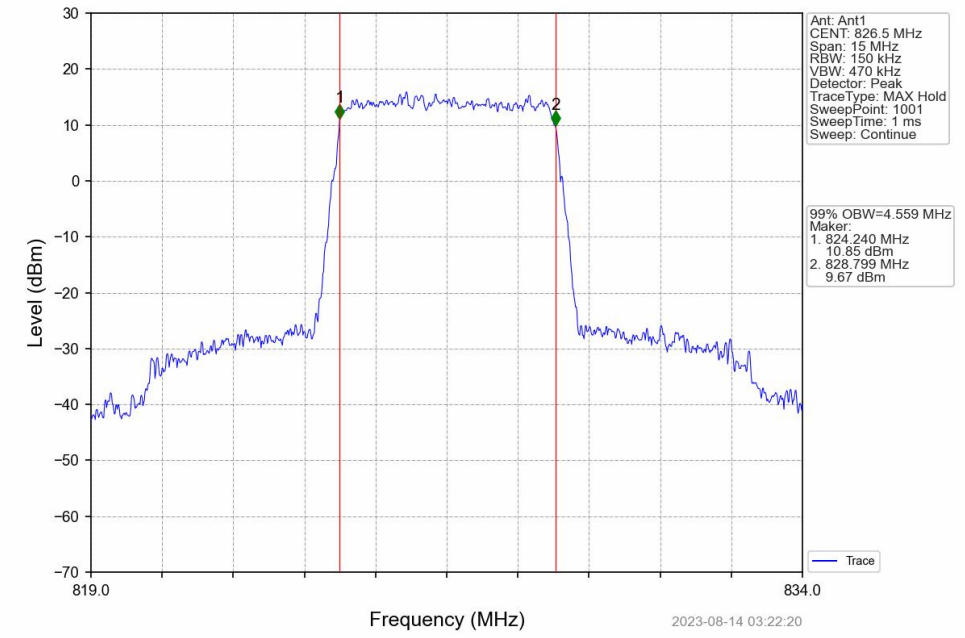
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



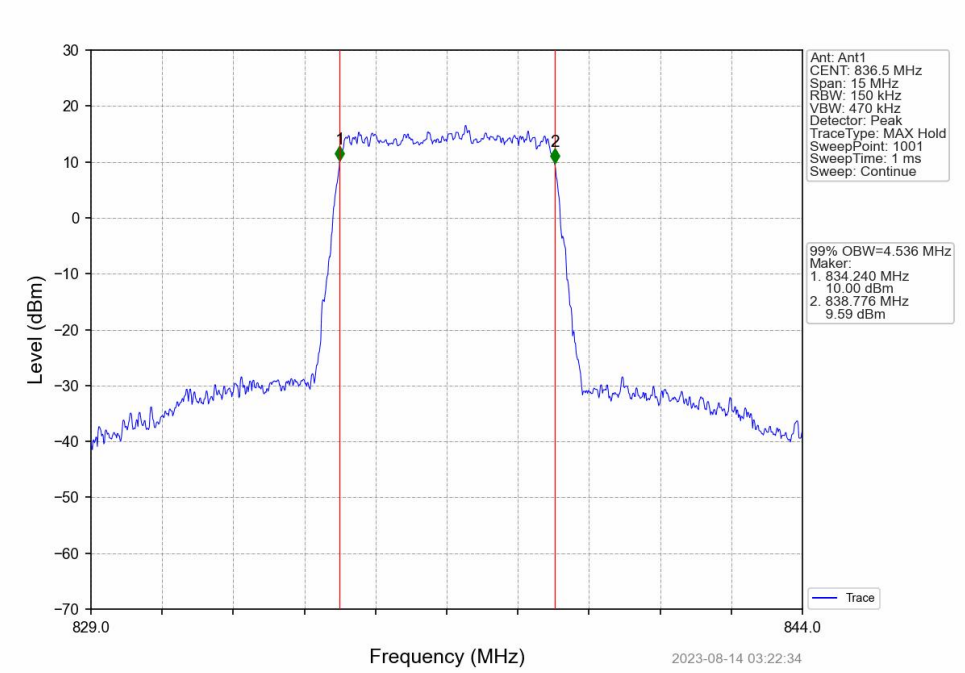
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



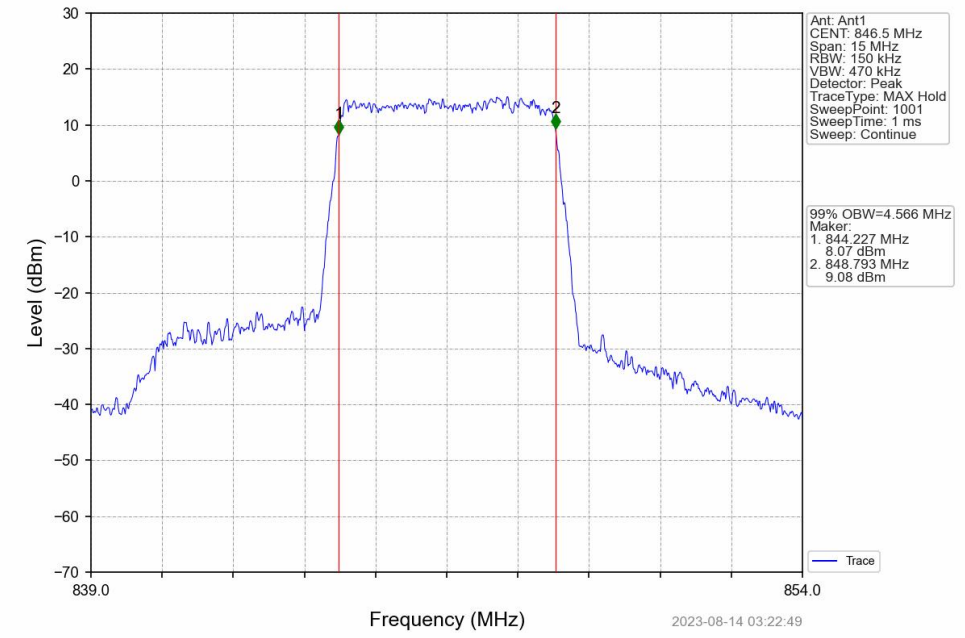
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



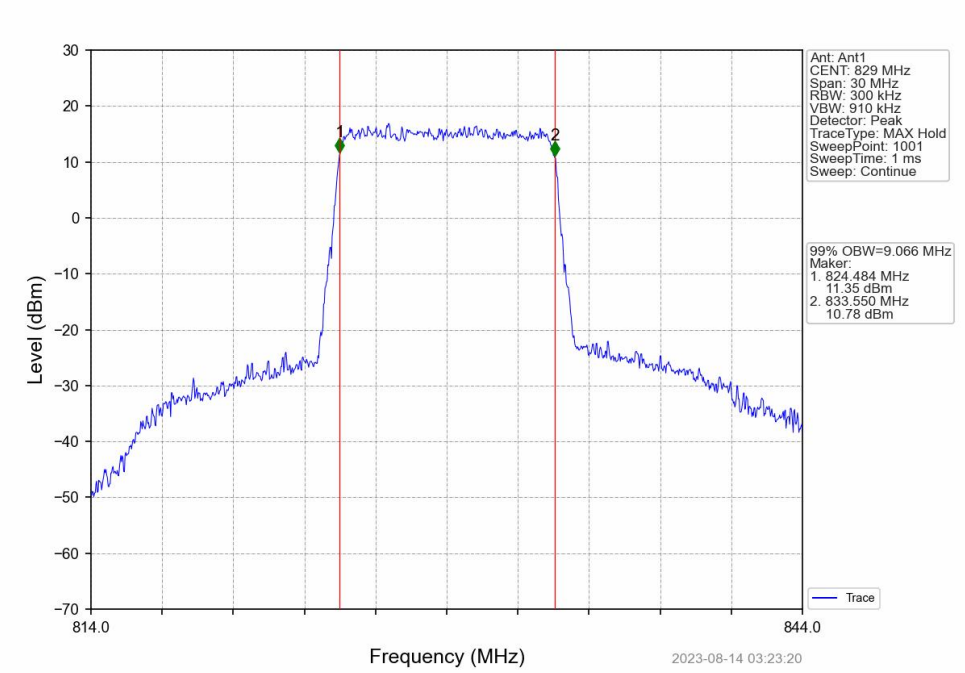
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



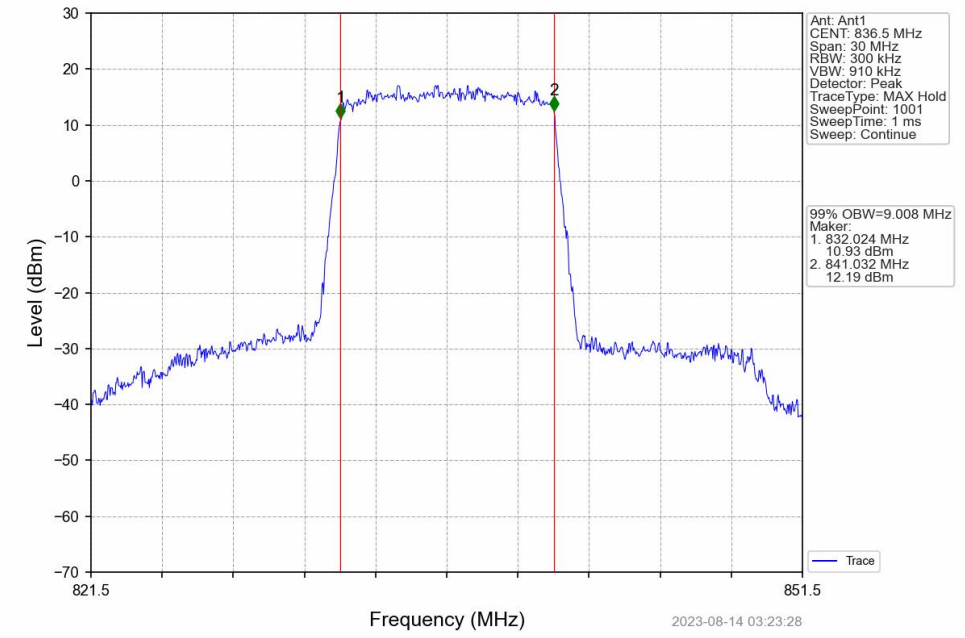
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



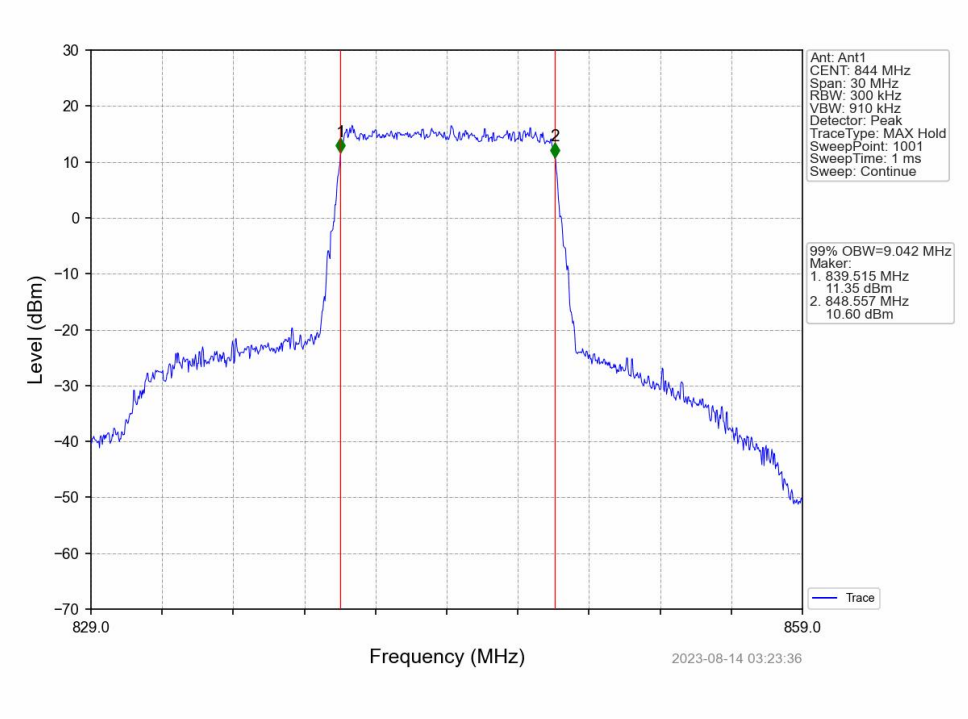
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



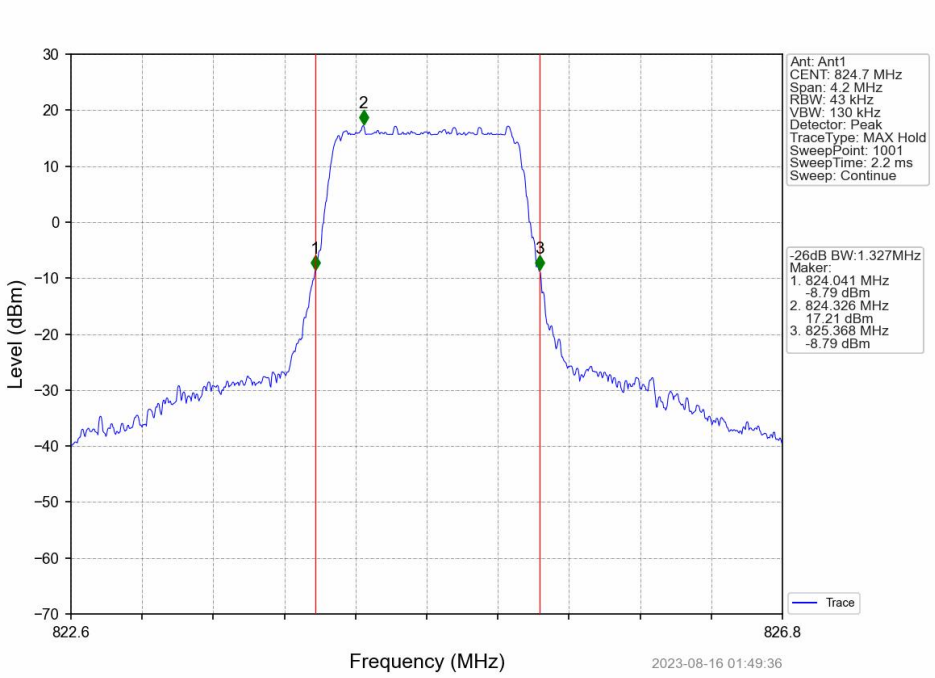
4.2 Band5_XDB

4.2.1 Test Result

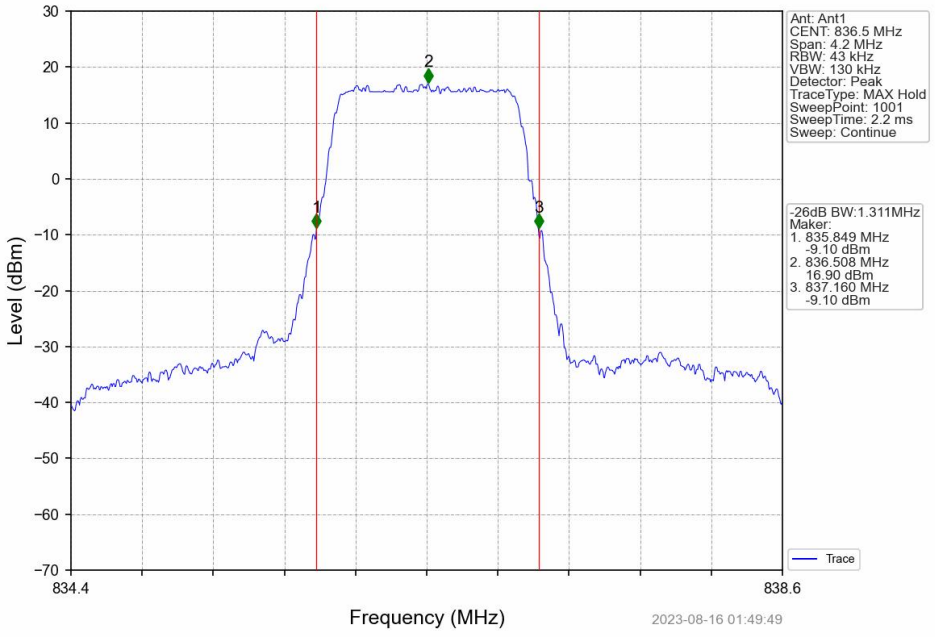
Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.327	Pass
		836.5	6	0	1.311	Pass
		848.3	6	0	1.315	Pass
	16QAM	824.7	6	0	1.319	Pass
		836.5	6	0	1.311	Pass
		848.3	6	0	1.328	Pass
3	QPSK	825.5	15	0	3.046	Pass
		836.5	15	0	3.037	Pass
		847.5	15	0	3.051	Pass
	16QAM	825.5	15	0	3.068	Pass
		836.5	15	0	3.055	Pass
		847.5	15	0	3.028	Pass
5	QPSK	826.5	25	0	5.120	Pass
		836.5	25	0	5.082	Pass
		846.5	25	0	5.117	Pass
	16QAM	826.5	25	0	5.084	Pass
		836.5	25	0	5.029	Pass
		846.5	25	0	5.120	Pass
10	QPSK	829	50	0	10.038	Pass
		836.5	50	0	10.040	Pass
		844	50	0	10.196	Pass

4.2.2 Test Graph

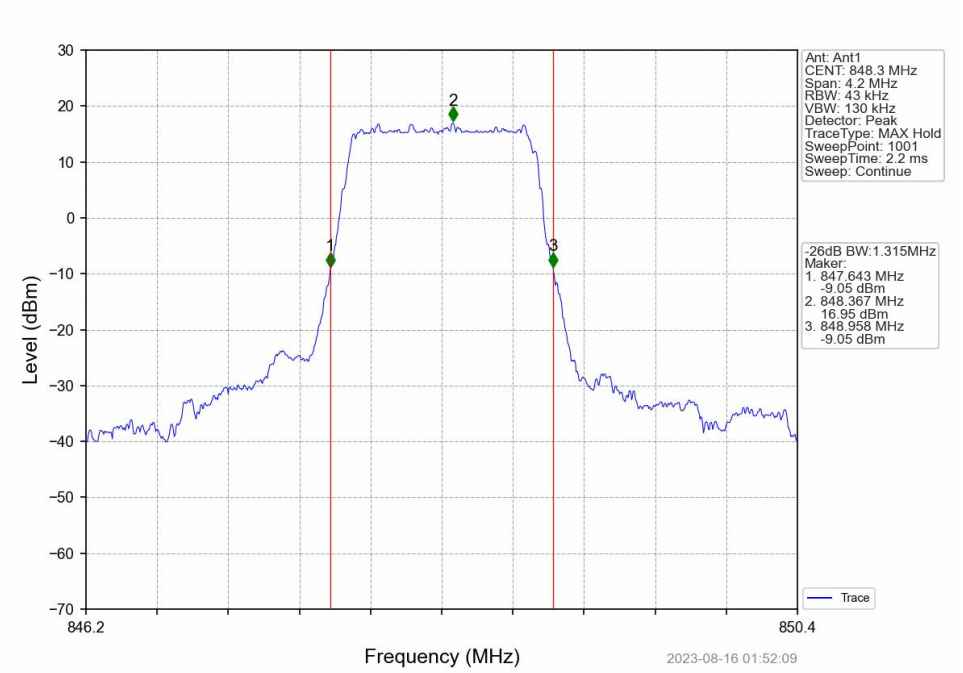
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



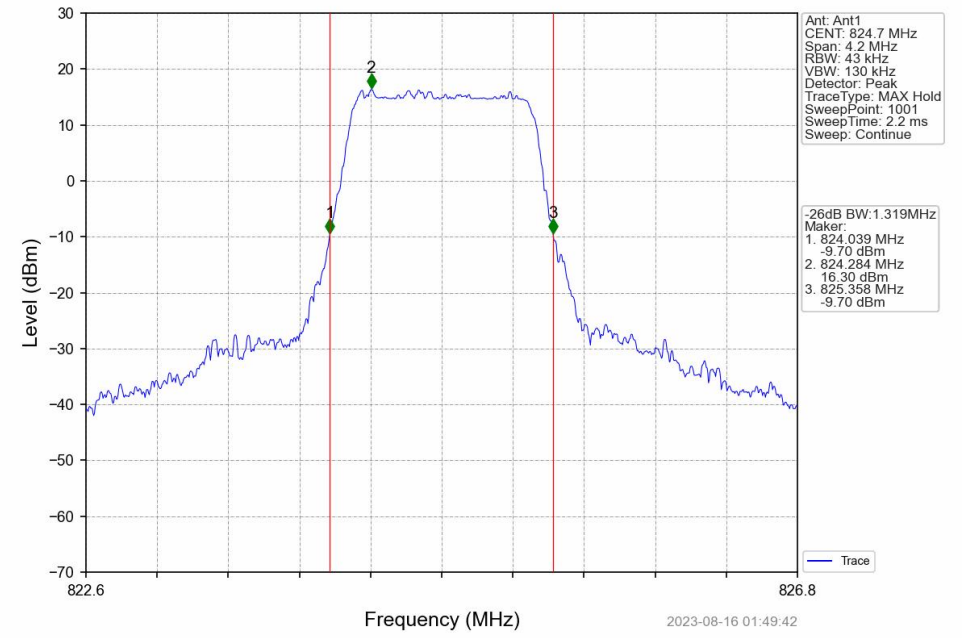
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



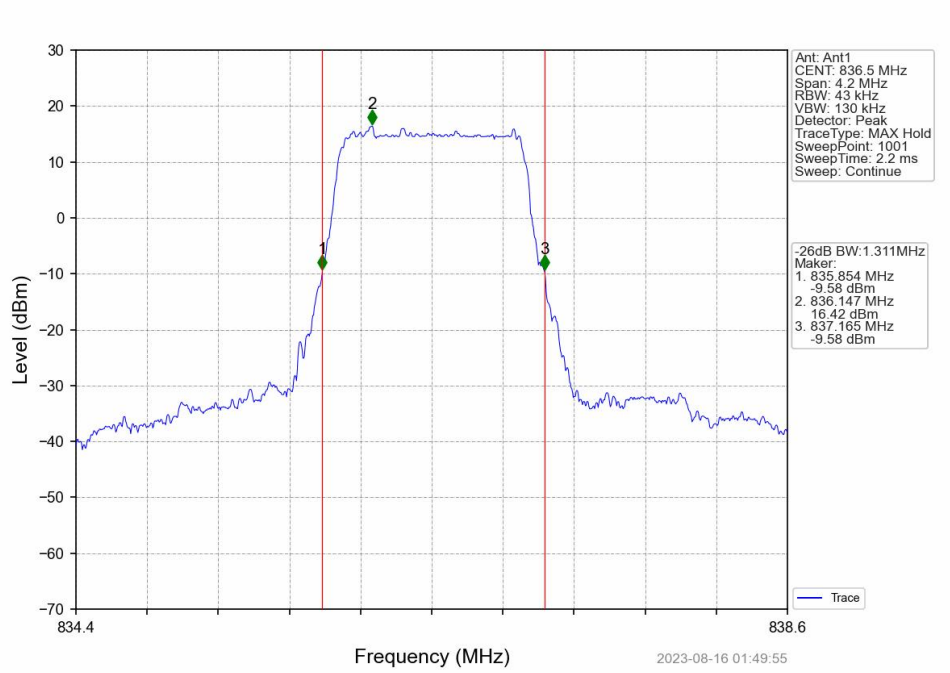
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



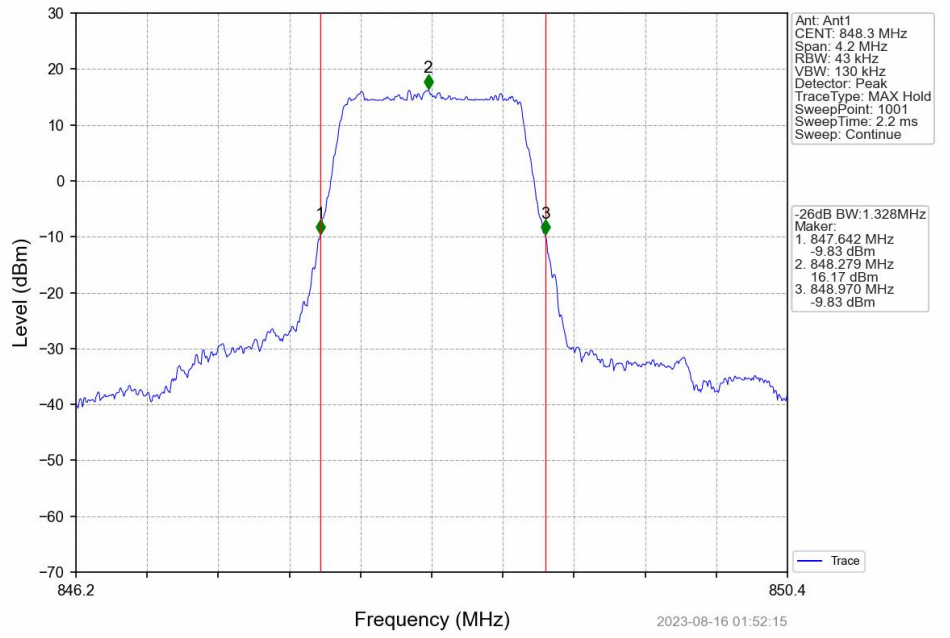
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



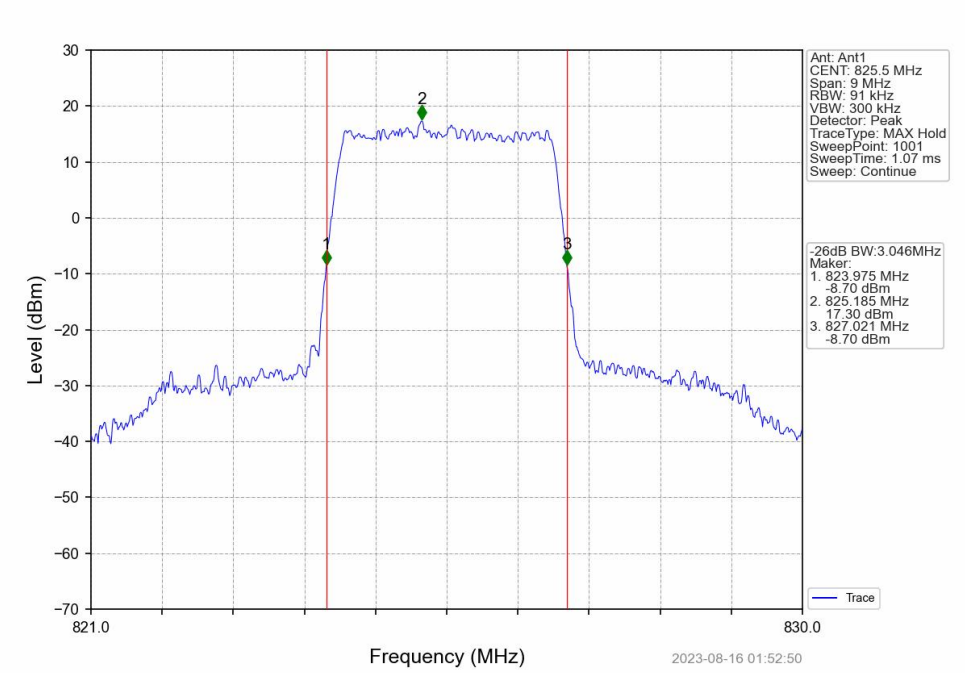
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



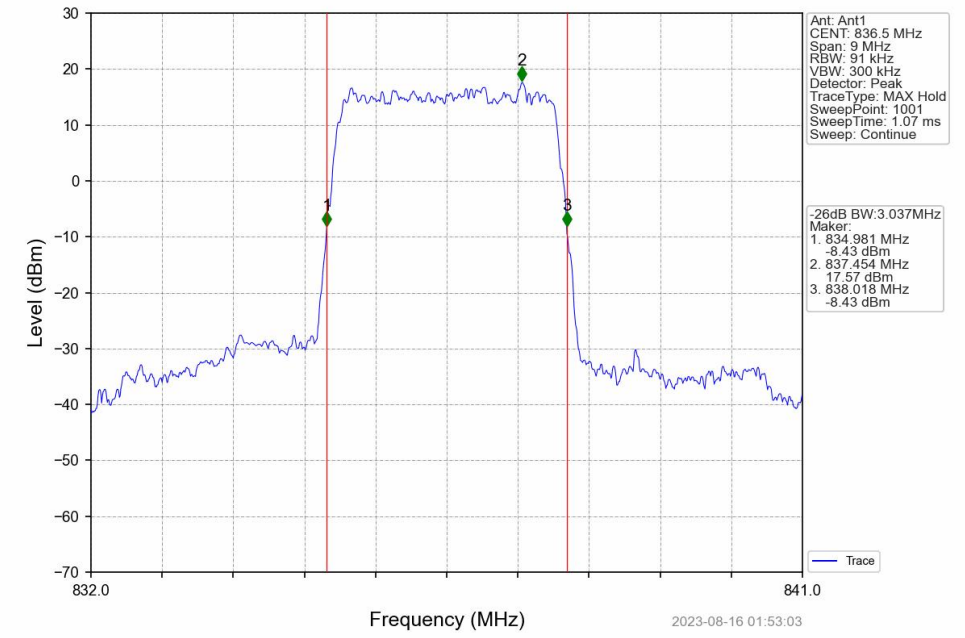
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



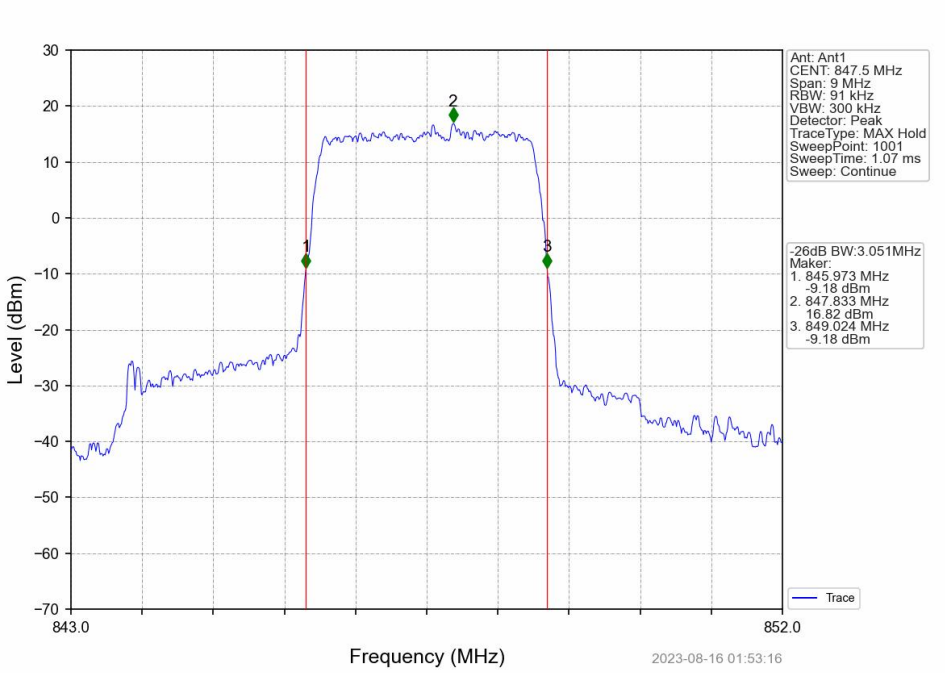
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



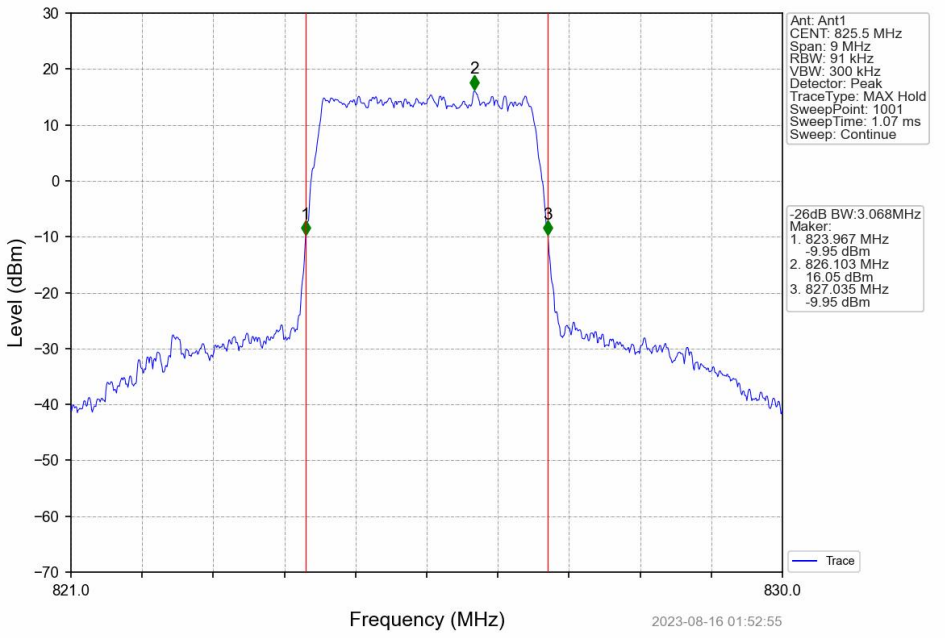
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



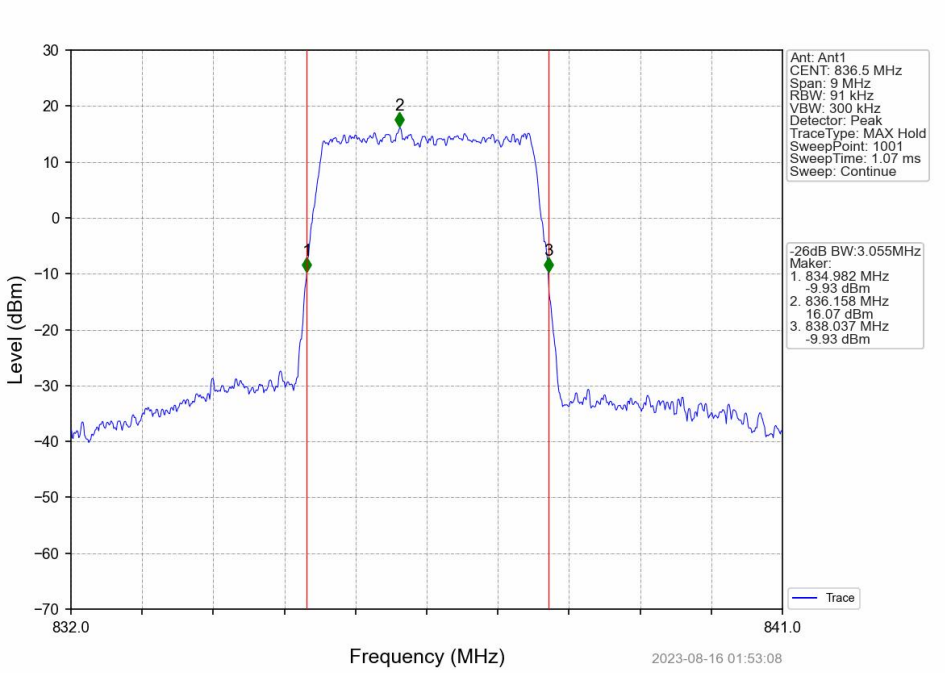
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



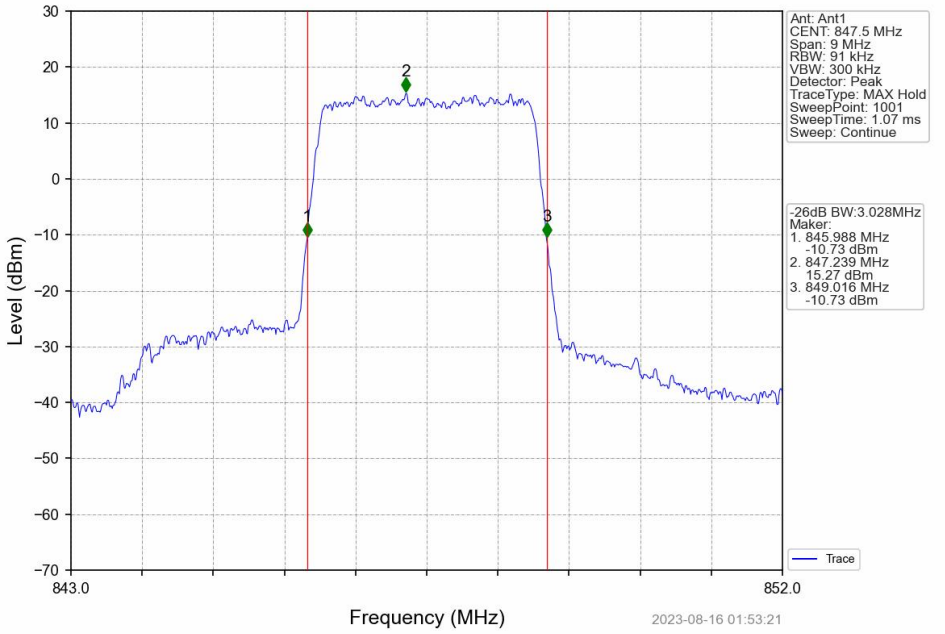
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



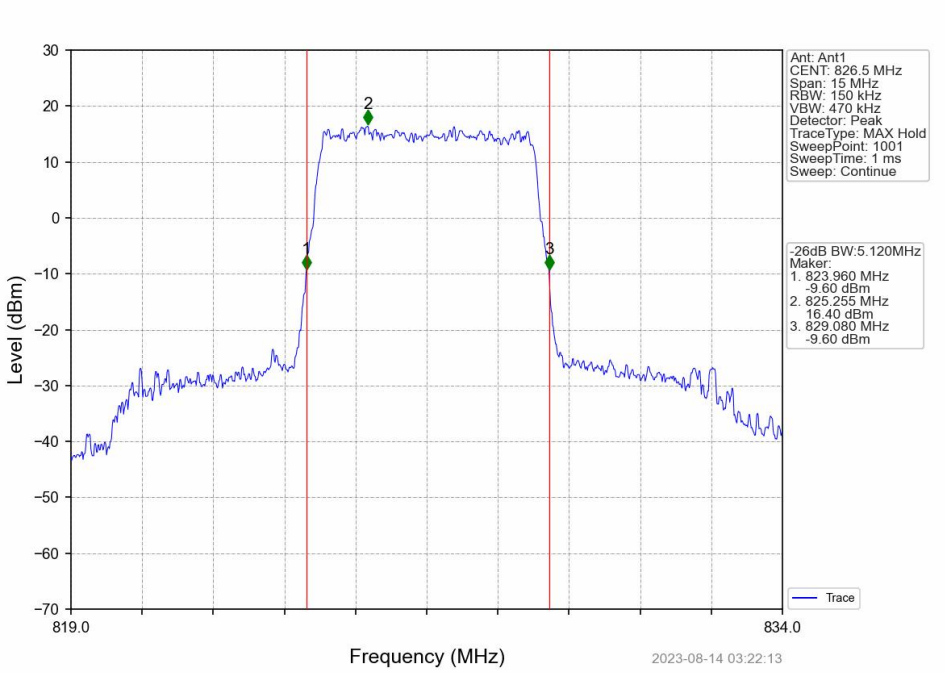
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



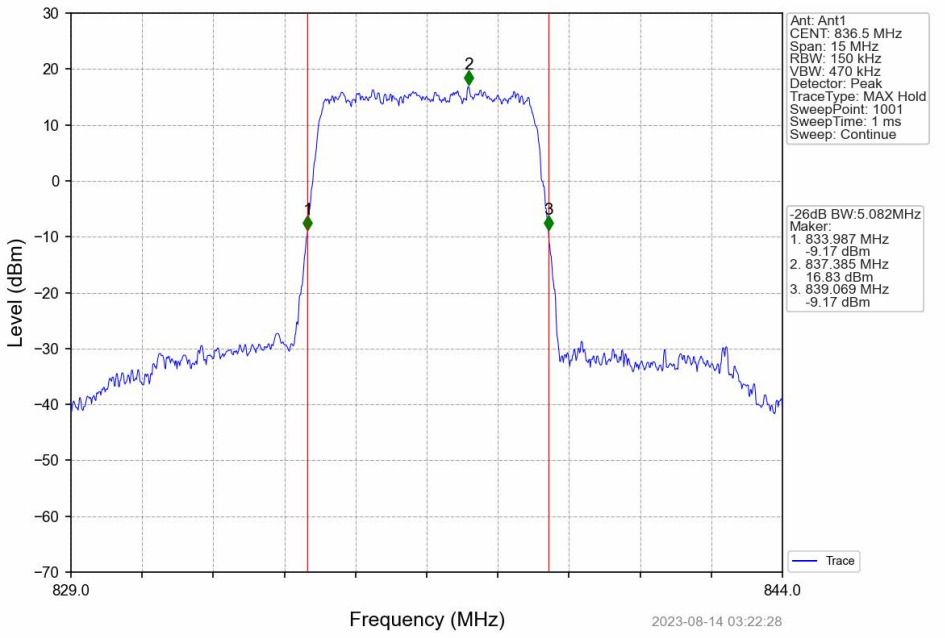
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



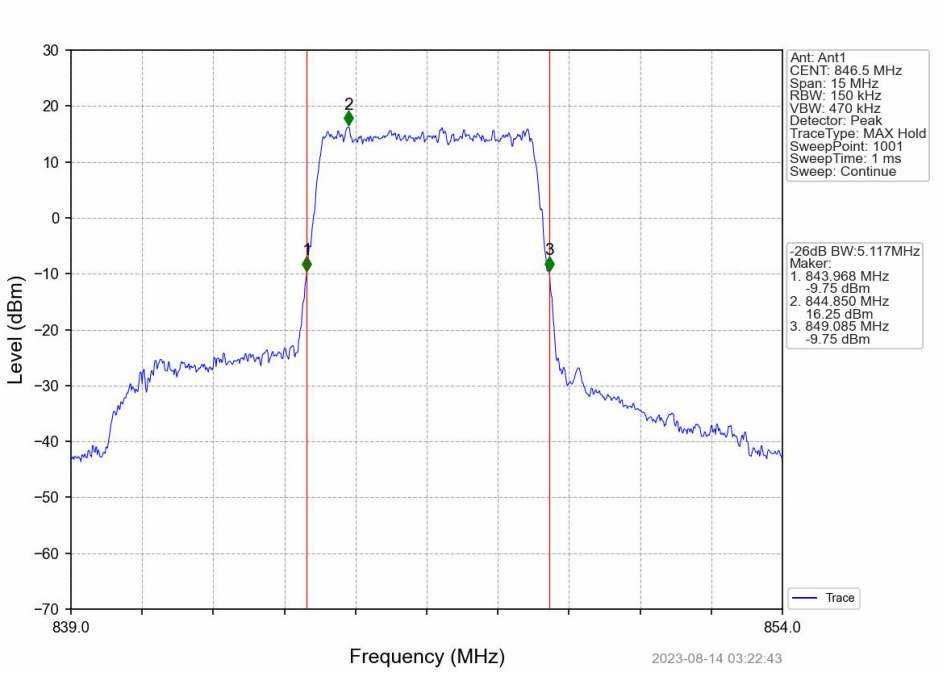
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



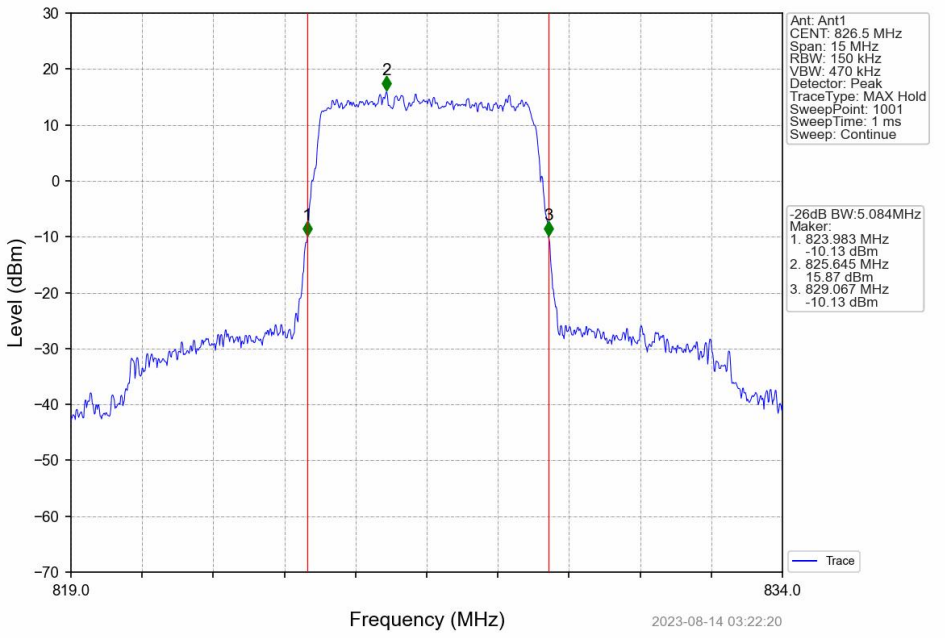
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



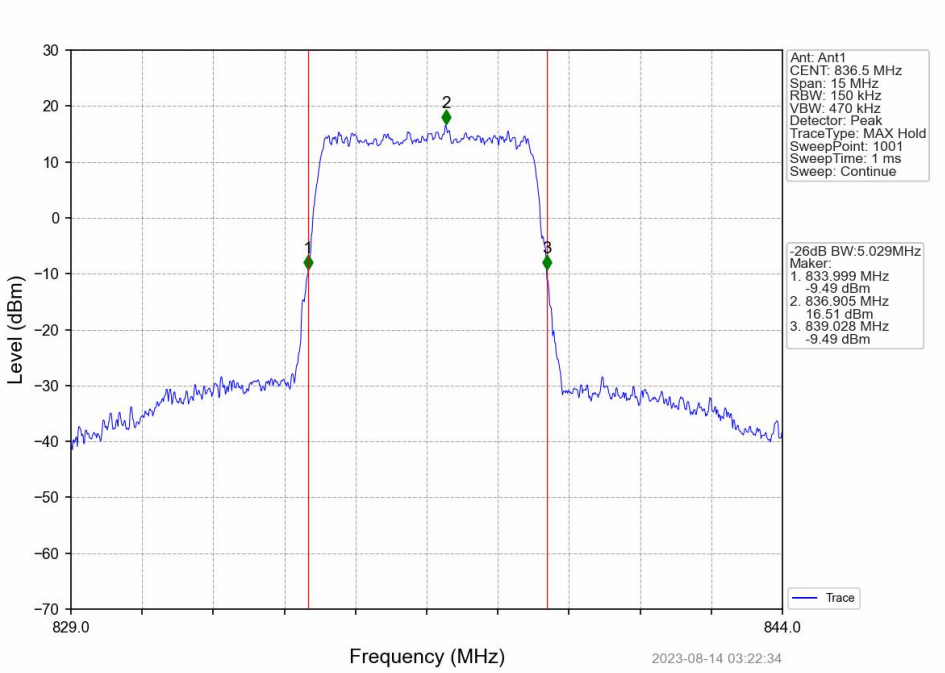
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



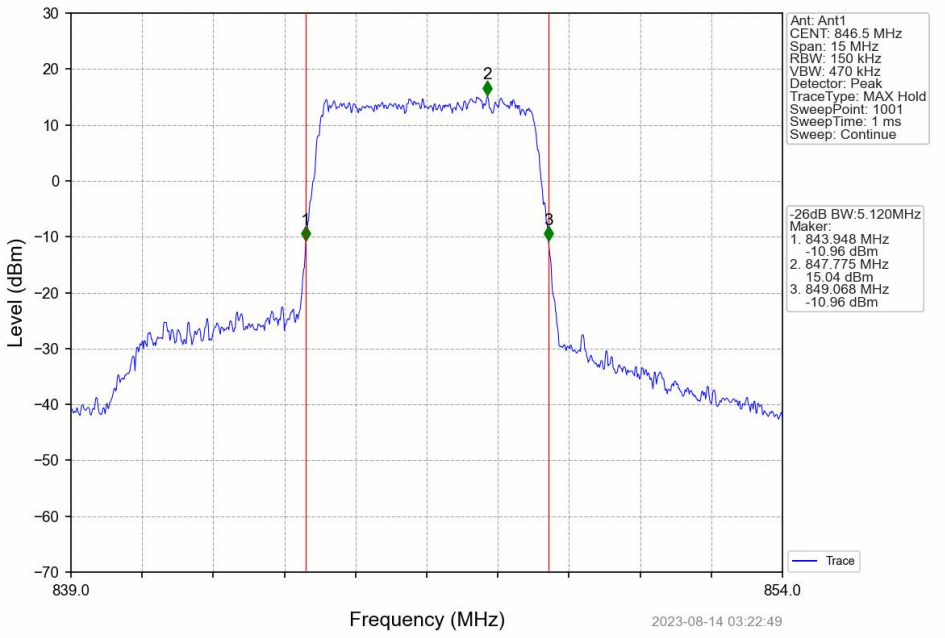
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



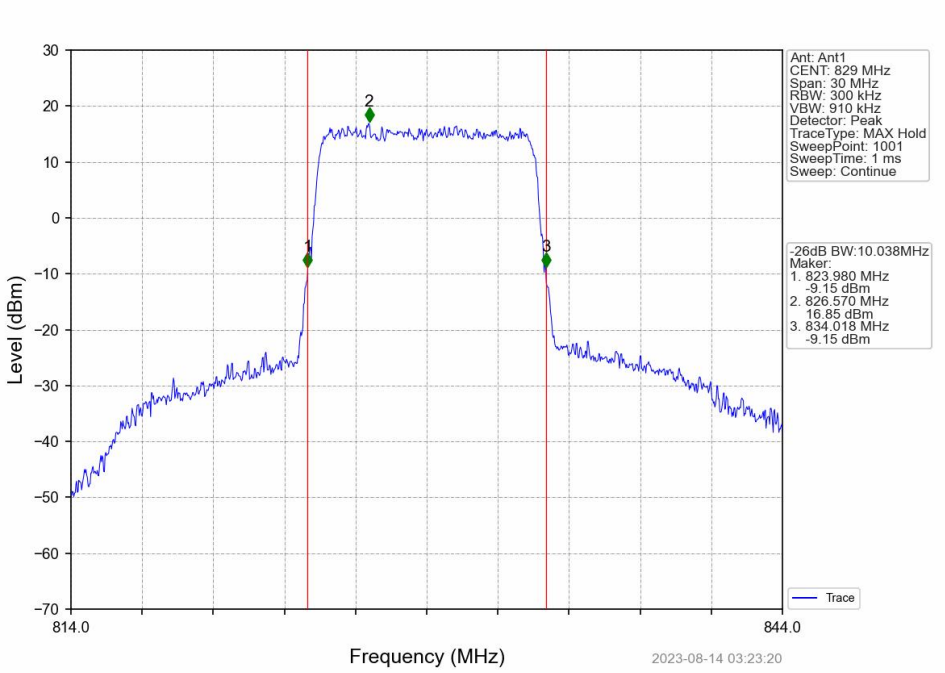
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



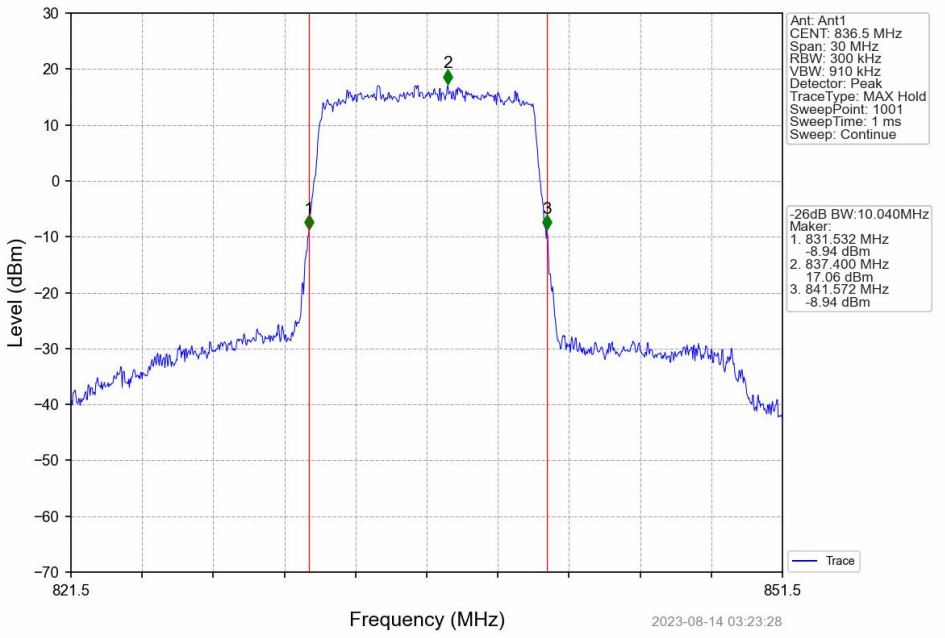
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



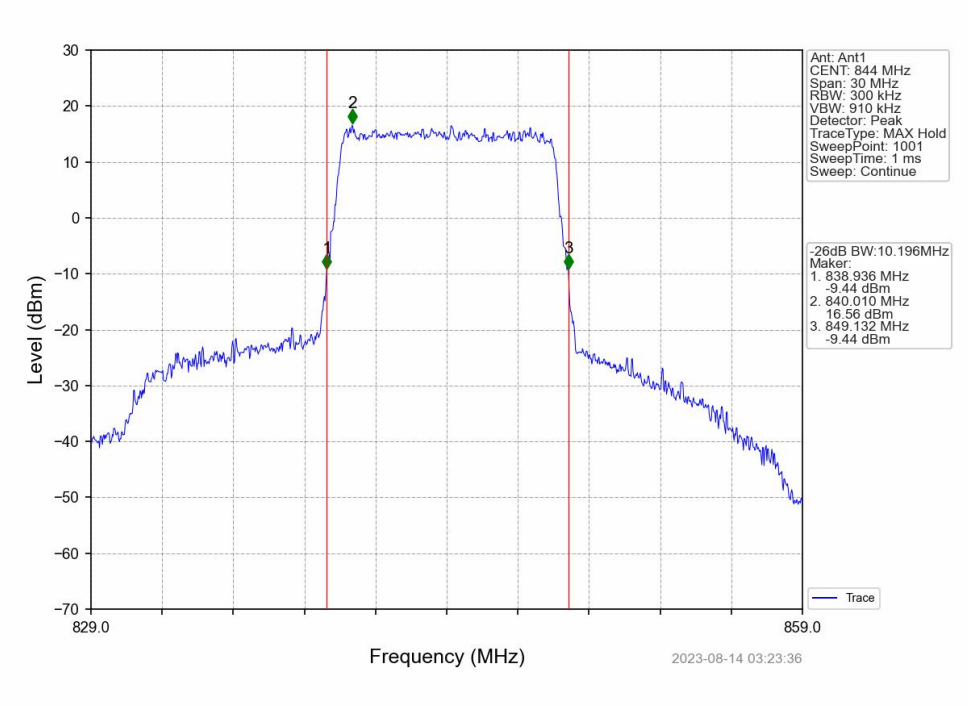
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

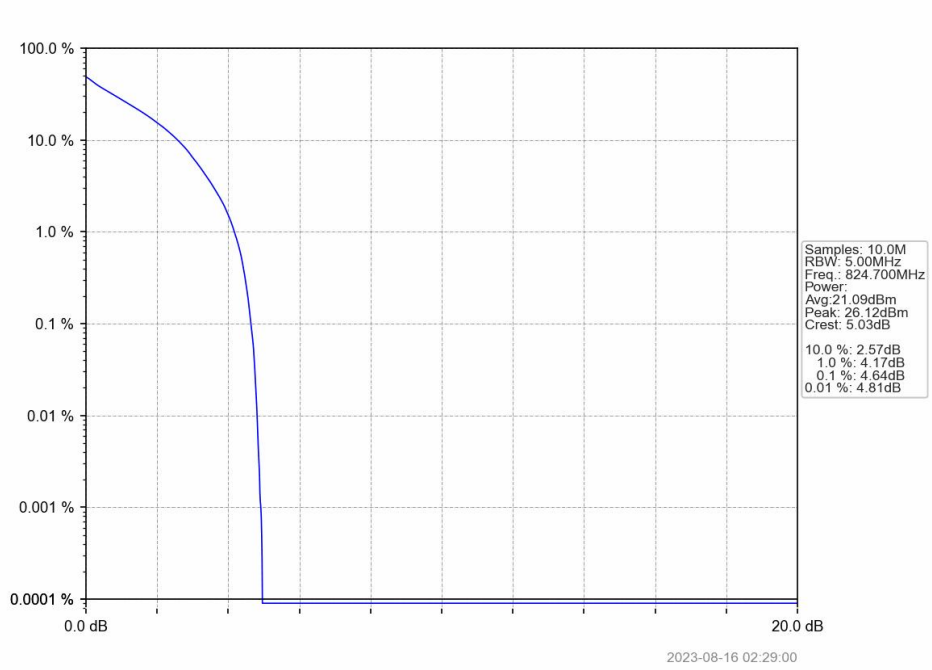
5.1 B5_1.4MHz

5.1.1 Test Result

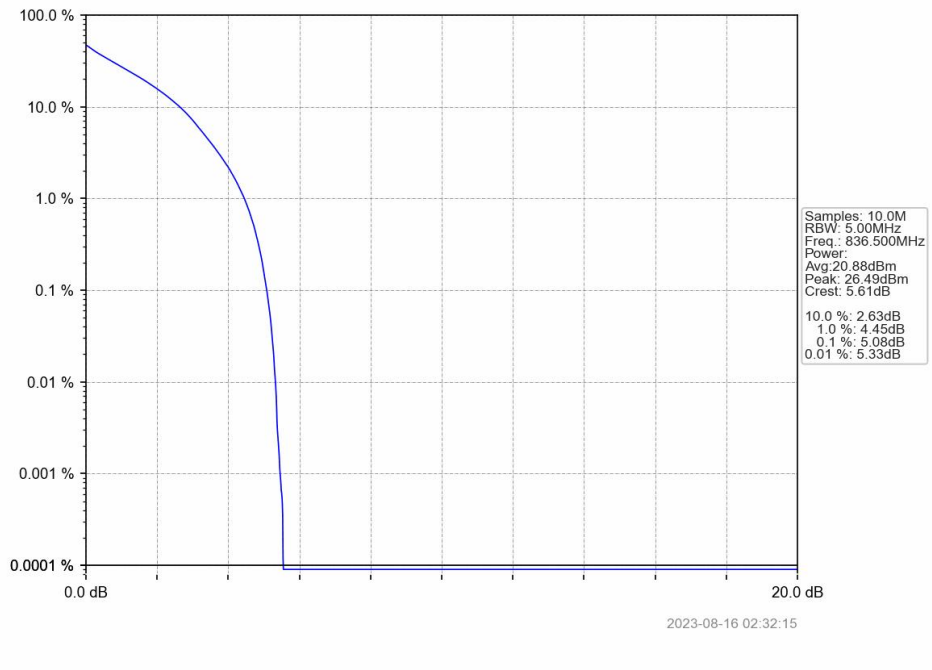
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.64	<=13	Pass
	836.5	6	0	5.08	<=13	Pass
	848.3	6	0	5.08	<=13	Pass
16QAM	824.7	6	0	5.46	<=13	Pass
	836.5	6	0	5.92	<=13	Pass
	848.3	6	0	5.90	<=13	Pass

5.1.2 Test Graph

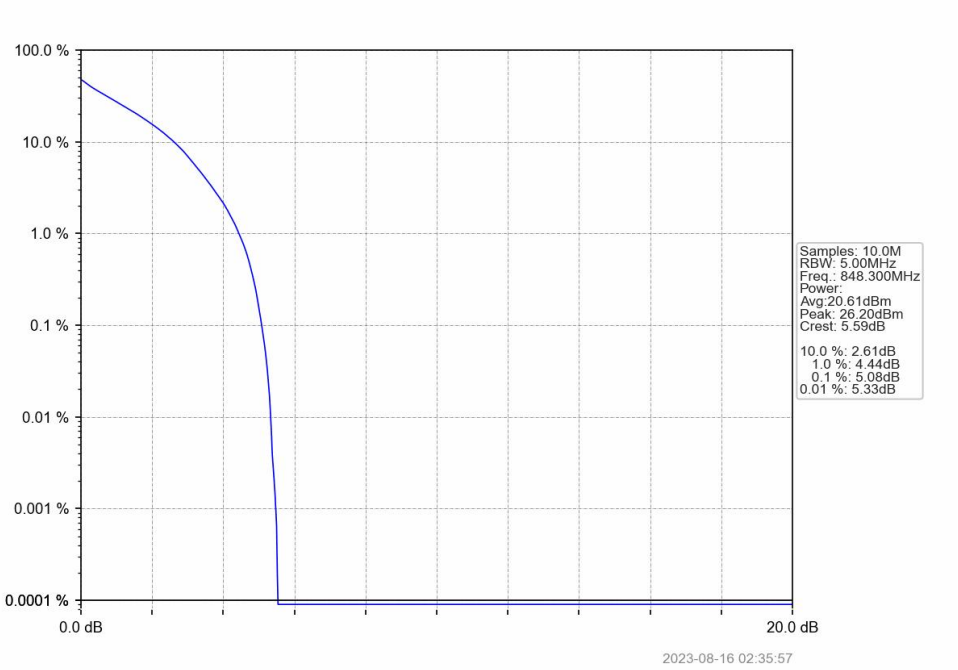
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



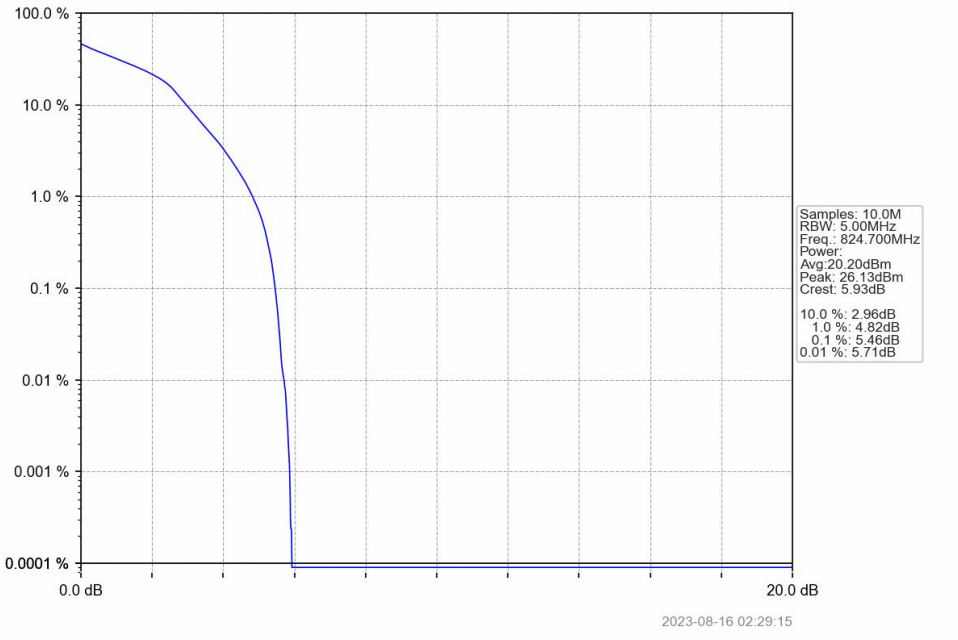
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



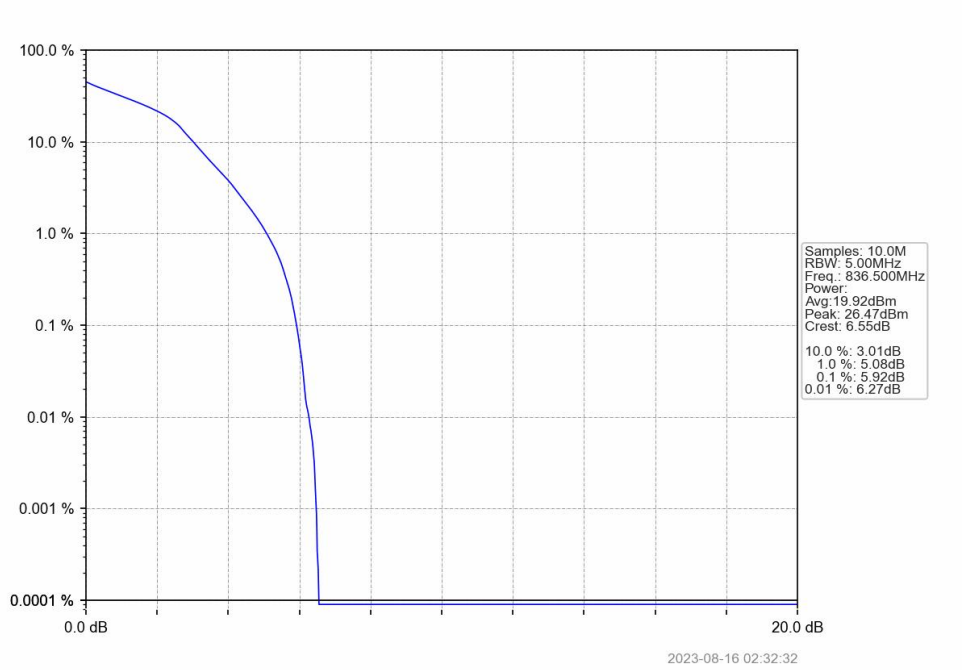
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



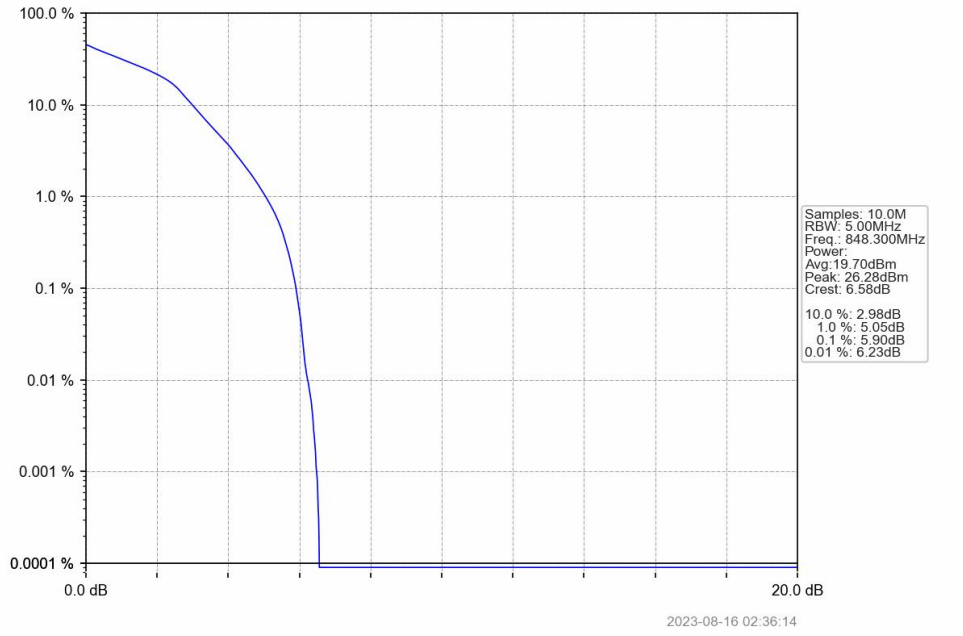
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



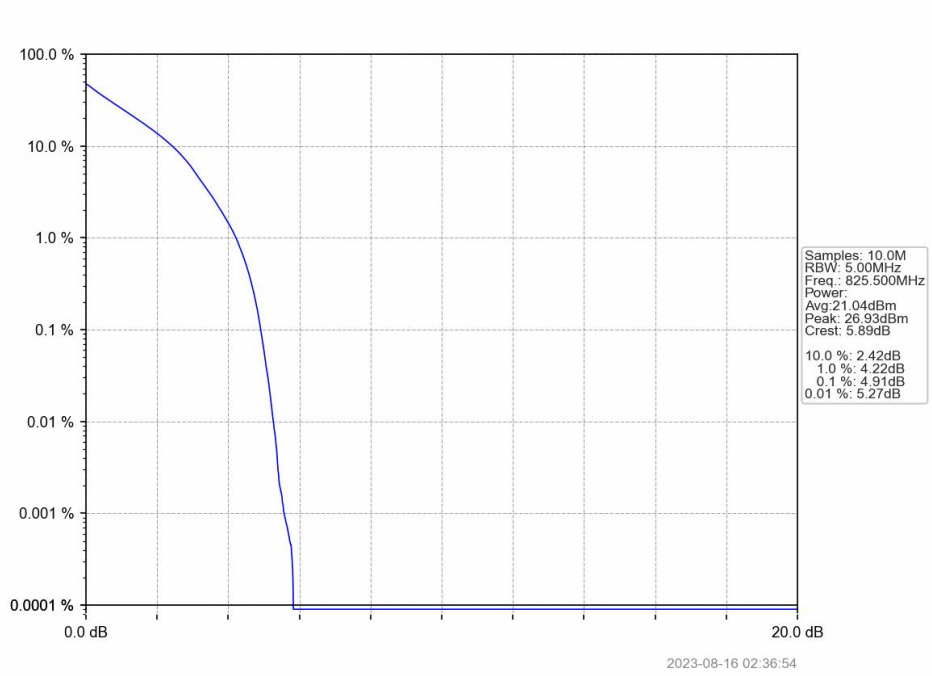
5.2 B5_3MHz

5.2.1 Test Result

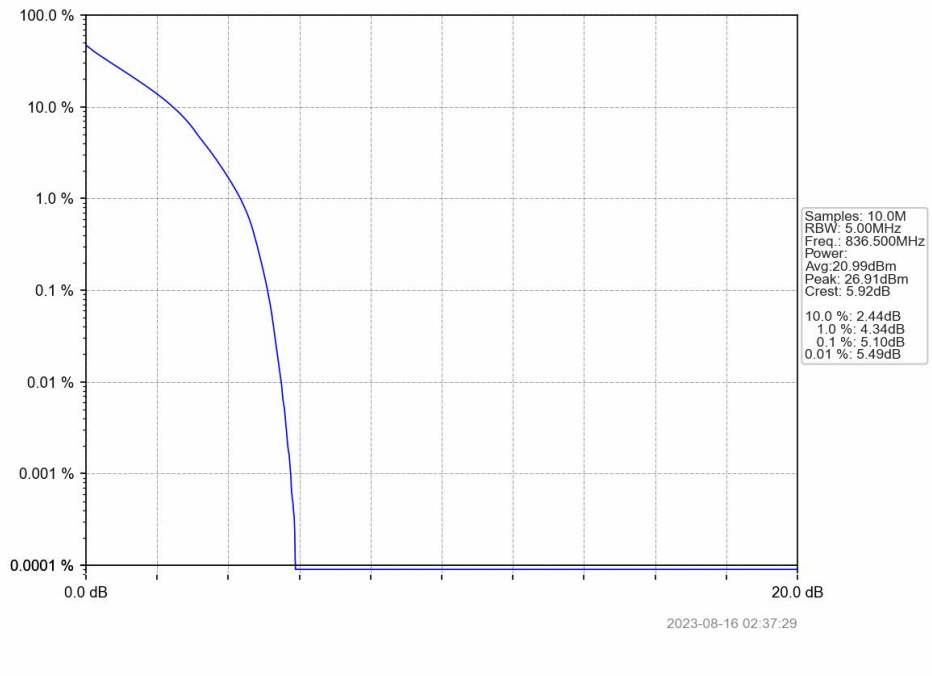
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.91	<=13	Pass
	836.5	15	0	5.10	<=13	Pass
	847.5	15	0	5.11	<=13	Pass
16QAM	825.5	15	0	5.72	<=13	Pass
	836.5	15	0	5.98	<=13	Pass
	847.5	15	0	5.94	<=13	Pass

5.2.2 Test Graph

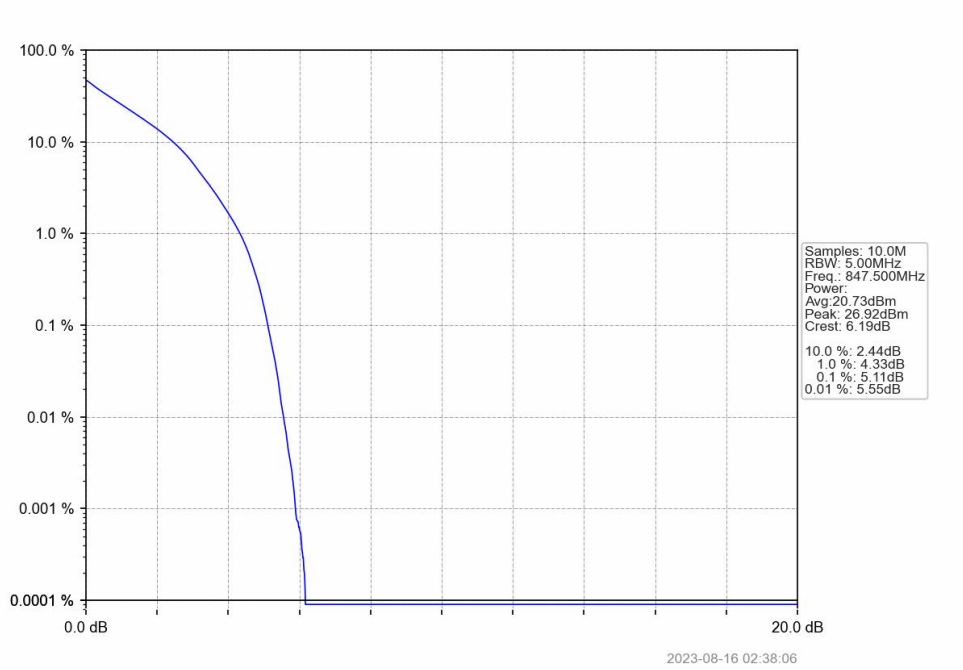
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



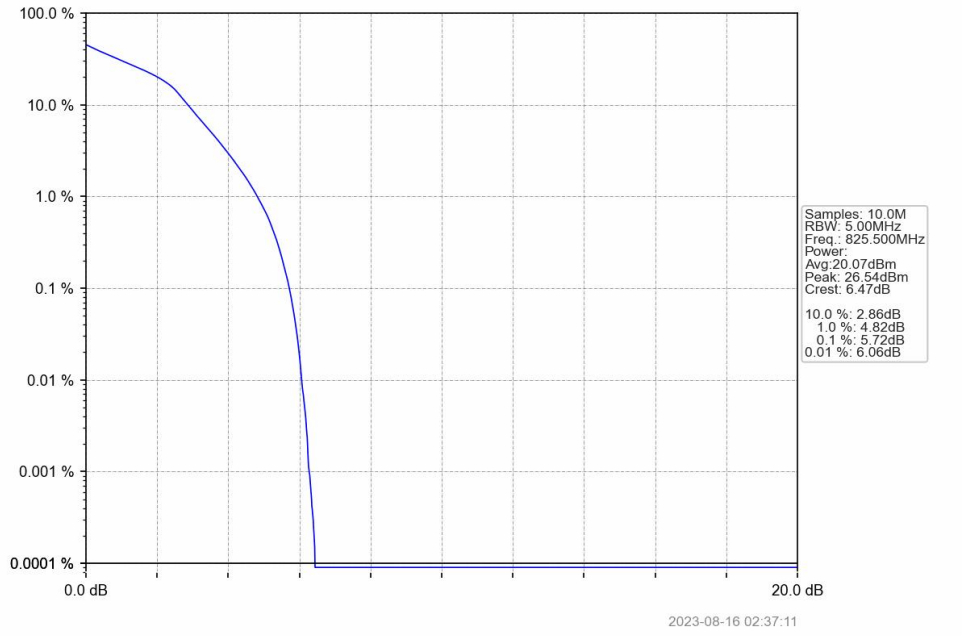
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



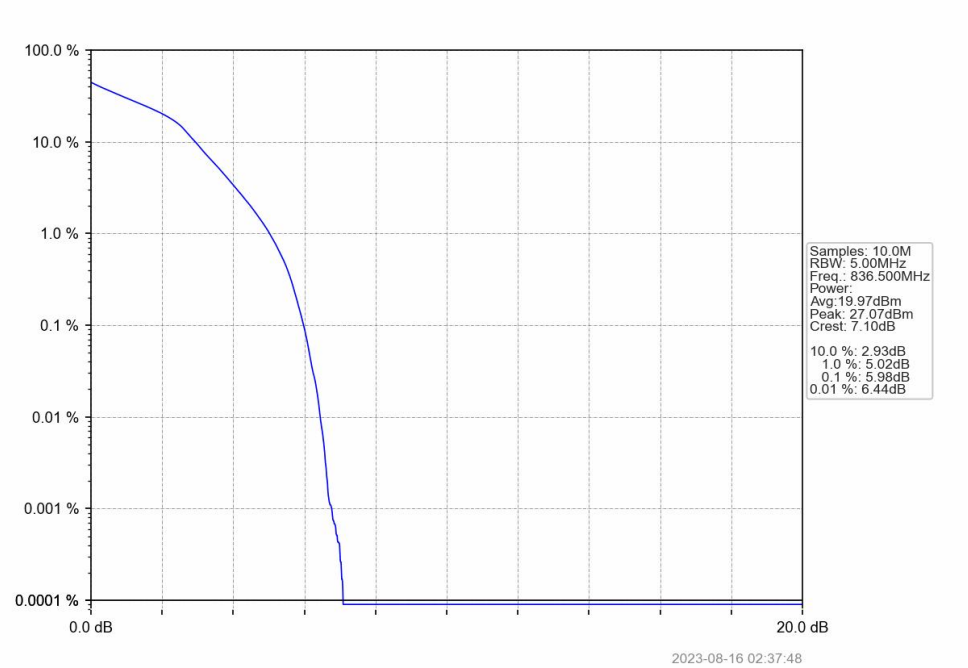
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



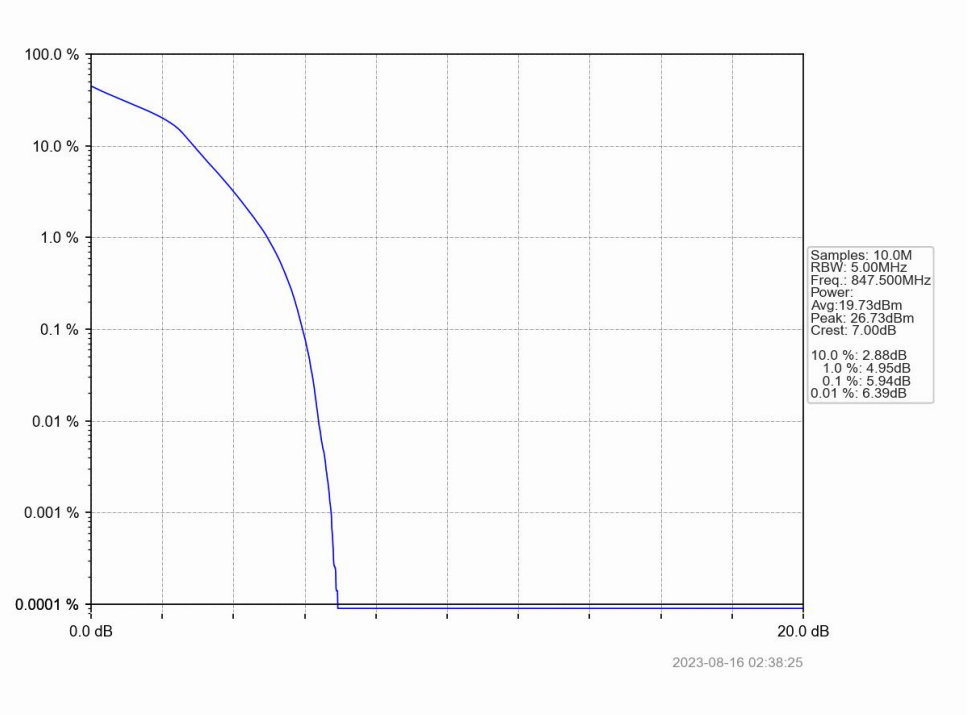
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



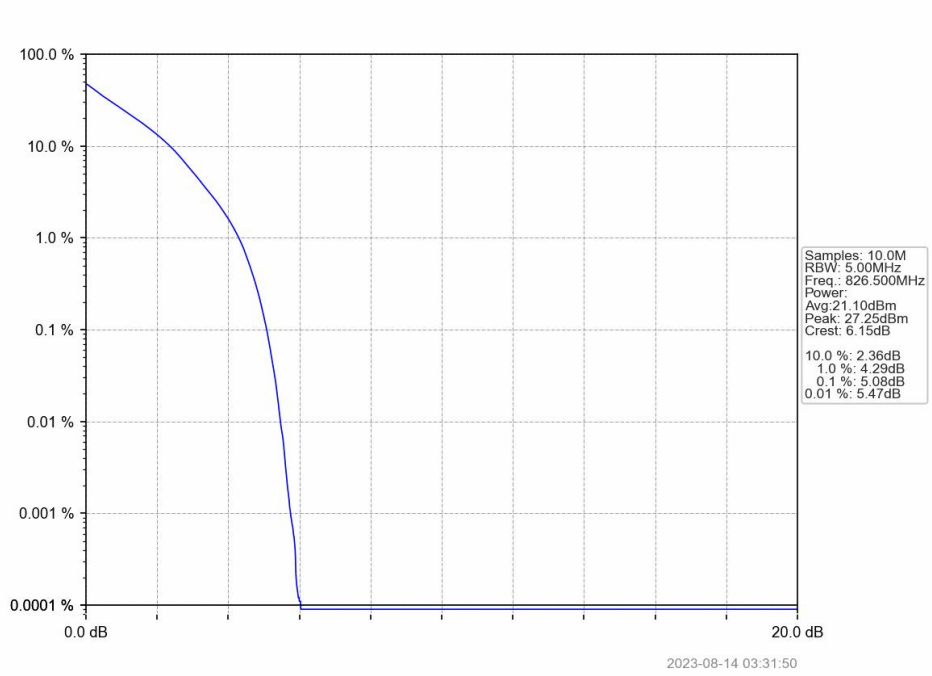
5.3 B5_5MHz

5.3.1 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	5.08	<=13	Pass
	836.5	25	0	5.10	<=13	Pass
	846.5	25	0	5.10	<=13	Pass
16QAM	826.5	25	0	5.85	<=13	Pass
	836.5	25	0	5.88	<=13	Pass
	846.5	25	0	5.89	<=13	Pass

5.3.2 Test Graph

Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV