

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

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	22.62	0.00	20.47	<=34.77	Pass
			2	22.73	0.00	20.58	<=34.77	Pass
			5	22.65	0.00	20.50	<=34.77	Pass
		3	0	22.77	0.00	20.62	<=34.77	Pass
			2	22.79	0.00	20.64	<=34.77	Pass
			3	22.77	0.00	20.62	<=34.77	Pass
		6	0	21.77	0.00	19.62	<=34.77	Pass
	836.5	1	0	22.69	0.00	20.54	<=34.77	Pass
			2	22.86	0.00	20.71	<=34.77	Pass
			5	22.65	0.00	20.50	<=34.77	Pass
		3	0	22.83	0.00	20.68	<=34.77	Pass
			2	22.77	0.00	20.62	<=34.77	Pass
			3	22.76	0.00	20.61	<=34.77	Pass
		6	0	21.74	0.00	19.59	<=34.77	Pass
	848.3	1	0	22.61	0.00	20.46	<=34.77	Pass
			2	22.69	0.00	20.54	<=34.77	Pass
			5	22.62	0.00	20.47	<=34.77	Pass
		3	0	22.70	0.00	20.55	<=34.77	Pass
			2	22.75	0.00	20.60	<=34.77	Pass
			3	22.72	0.00	20.57	<=34.77	Pass
		6	0	21.69	0.00	19.54	<=34.77	Pass
16QAM	824.7	1	0	21.71	0.00	19.56	<=34.77	Pass
			2	21.78	0.00	19.63	<=34.77	Pass
			5	21.71	0.00	19.56	<=34.77	Pass
		3	0	21.98	0.00	19.83	<=34.77	Pass
			2	22.01	0.00	19.86	<=34.77	Pass
			3	21.97	0.00	19.82	<=34.77	Pass
		6	0	20.79	0.00	18.64	<=34.77	Pass
	836.5	1	0	21.72	0.00	19.57	<=34.77	Pass
			2	21.84	0.00	19.69	<=34.77	Pass
			5	21.75	0.00	19.60	<=34.77	Pass
		3	0	21.93	0.00	19.78	<=34.77	Pass
			2	21.86	0.00	19.71	<=34.77	Pass
			3	21.87	0.00	19.72	<=34.77	Pass
		6	0	20.67	0.00	18.52	<=34.77	Pass
	848.3	1	0	21.80	0.00	19.65	<=34.77	Pass
			2	21.90	0.00	19.75	<=34.77	Pass
			5	21.77	0.00	19.62	<=34.77	Pass
		3	0	21.72	0.00	19.57	<=34.77	Pass
			2	21.77	0.00	19.62	<=34.77	Pass
			3	21.72	0.00	19.57	<=34.77	Pass
		6	0	20.71	0.00	18.56	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B5_3MHz_ERP

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	22.71	0.00	20.56	<=34.77	Pass
			7	22.86	0.00	20.71	<=34.77	Pass
			14	22.70	0.00	20.55	<=34.77	Pass
		8	0	21.75	0.00	19.60	<=34.77	Pass
			4	21.77	0.00	19.62	<=34.77	Pass
			7	21.77	0.00	19.62	<=34.77	Pass
		15	0	21.75	0.00	19.60	<=34.77	Pass
	836.5	1	0	22.78	0.00	20.63	<=34.77	Pass
			7	22.83	0.00	20.68	<=34.77	Pass
			14	22.75	0.00	20.60	<=34.77	Pass
		8	0	21.79	0.00	19.64	<=34.77	Pass
			4	21.81	0.00	19.66	<=34.77	Pass
			7	21.77	0.00	19.62	<=34.77	Pass
		15	0	21.75	0.00	19.60	<=34.77	Pass
	847.5	1	0	22.68	0.00	20.53	<=34.77	Pass
			7	22.82	0.00	20.67	<=34.77	Pass
			14	22.65	0.00	20.50	<=34.77	Pass
		8	0	21.72	0.00	19.57	<=34.77	Pass
			4	21.74	0.00	19.59	<=34.77	Pass
			7	21.70	0.00	19.55	<=34.77	Pass
		15	0	21.70	0.00	19.55	<=34.77	Pass
16QAM	825.5	1	0	22.32	0.00	20.17	<=34.77	Pass
			7	22.48	0.00	20.33	<=34.77	Pass
			14	22.26	0.00	20.11	<=34.77	Pass
		8	0	20.94	0.00	18.79	<=34.77	Pass
			4	20.99	0.00	18.84	<=34.77	Pass
			7	20.94	0.00	18.79	<=34.77	Pass
		15	0	20.82	0.00	18.67	<=34.77	Pass
	836.5	1	0	21.87	0.00	19.72	<=34.77	Pass
			7	21.94	0.00	19.79	<=34.77	Pass
			14	21.82	0.00	19.67	<=34.77	Pass
		8	0	20.83	0.00	18.68	<=34.77	Pass
			4	20.90	0.00	18.75	<=34.77	Pass
			7	20.85	0.00	18.70	<=34.77	Pass
		15	0	20.84	0.00	18.69	<=34.77	Pass
	847.5	1	0	21.89	0.00	19.74	<=34.77	Pass
			7	22.00	0.00	19.85	<=34.77	Pass
			14	21.81	0.00	19.66	<=34.77	Pass
		8	0	20.71	0.00	18.56	<=34.77	Pass
			4	20.74	0.00	18.59	<=34.77	Pass
			7	20.69	0.00	18.54	<=34.77	Pass
		15	0	20.70	0.00	18.55	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B5_5MHz_ERP

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	22.59	0.00	20.44	<=34.77	Pass
			13	22.69	0.00	20.54	<=34.77	Pass
			24	22.58	0.00	20.43	<=34.77	Pass
		12	0	21.70	0.00	19.55	<=34.77	Pass
			6	21.79	0.00	19.64	<=34.77	Pass
			13	21.71	0.00	19.56	<=34.77	Pass
		25	0	21.72	0.00	19.57	<=34.77	Pass



	836.5	1	0	22.60	0.00	20.45	<=34.77	Pass
			13	22.70	0.00	20.55	<=34.77	Pass
			24	22.62	0.00	20.47	<=34.77	Pass
		12	0	21.74	0.00	19.59	<=34.77	Pass
			6	21.79	0.00	19.64	<=34.77	Pass
			13	21.76	0.00	19.61	<=34.77	Pass
		25	0	21.72	0.00	19.57	<=34.77	Pass
	846.5	1	0	22.62	0.00	20.47	<=34.77	Pass
			13	22.73	0.00	20.58	<=34.77	Pass
			24	22.57	0.00	20.42	<=34.77	Pass
		12	0	21.62	0.00	19.47	<=34.77	Pass
			6	21.74	0.00	19.59	<=34.77	Pass
			13	21.65	0.00	19.50	<=34.77	Pass
		25	0	21.63	0.00	19.48	<=34.77	Pass
16QAM	826.5	1	0	21.88	0.00	19.73	<=34.77	Pass
			13	22.05	0.00	19.90	<=34.77	Pass
			24	21.92	0.00	19.77	<=34.77	Pass
		12	0	20.75	0.00	18.60	<=34.77	Pass
			6	20.84	0.00	18.69	<=34.77	Pass
			13	20.73	0.00	18.58	<=34.77	Pass
		25	0	20.76	0.00	18.61	<=34.77	Pass
	836.5	1	0	21.52	0.00	19.37	<=34.77	Pass
			13	21.61	0.00	19.46	<=34.77	Pass
			24	21.51	0.00	19.36	<=34.77	Pass
		12	0	20.71	0.00	18.56	<=34.77	Pass
			6	20.77	0.00	18.62	<=34.77	Pass
			13	20.70	0.00	18.55	<=34.77	Pass
		25	0	20.76	0.00	18.61	<=34.77	Pass
	846.5	1	0	21.69	0.00	19.54	<=34.77	Pass
			13	21.83	0.00	19.68	<=34.77	Pass
			24	21.70	0.00	19.55	<=34.77	Pass
		12	0	20.60	0.00	18.45	<=34.77	Pass
			6	20.71	0.00	18.56	<=34.77	Pass
			13	20.62	0.00	18.47	<=34.77	Pass
		25	0	20.67	0.00	18.52	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

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	22.65	0.00	20.50	<=34.77	Pass
			25	22.81	0.00	20.66	<=34.77	Pass
			49	22.68	0.00	20.53	<=34.77	Pass
		25	0	21.77	0.00	19.62	<=34.77	Pass
			13	21.76	0.00	19.61	<=34.77	Pass
			25	21.68	0.00	19.53	<=34.77	Pass
		50	0	21.71	0.00	19.56	<=34.77	Pass
	836.5	1	0	22.72	0.00	20.57	<=34.77	Pass
			25	22.84	0.00	20.69	<=34.77	Pass
			49	22.64	0.00	20.49	<=34.77	Pass
		25	0	21.82	0.00	19.67	<=34.77	Pass
			13	21.80	0.00	19.65	<=34.77	Pass
			25	21.79	0.00	19.64	<=34.77	Pass
		50	0	21.82	0.00	19.67	<=34.77	Pass
	844	1	0	22.66	0.00	20.51	<=34.77	Pass
			25	22.81	0.00	20.66	<=34.77	Pass

16QAM	829	25	49	22.64	0.00	20.49	<=34.77	Pass
			0	21.66	0.00	19.51	<=34.77	Pass
			13	21.71	0.00	19.56	<=34.77	Pass
			25	21.74	0.00	19.59	<=34.77	Pass
		50	0	21.69	0.00	19.54	<=34.77	Pass
	836.5	1	0	21.86	0.00	19.71	<=34.77	Pass
			25	22.00	0.00	19.85	<=34.77	Pass
			49	21.89	0.00	19.74	<=34.77	Pass
		25	0	20.81	0.00	18.66	<=34.77	Pass
			13	20.78	0.00	18.63	<=34.77	Pass
			25	20.75	0.00	18.60	<=34.77	Pass
		50	0	20.71	0.00	18.56	<=34.77	Pass
		1	0	22.33	0.00	20.18	<=34.77	Pass
			25	22.43	0.00	20.28	<=34.77	Pass
			49	22.24	0.00	20.09	<=34.77	Pass
	844	25	0	20.92	0.00	18.77	<=34.77	Pass
			13	20.83	0.00	18.68	<=34.77	Pass
			25	20.85	0.00	18.70	<=34.77	Pass
		50	0	20.84	0.00	18.69	<=34.77	Pass
		1	0	21.73	0.00	19.58	<=34.77	Pass
			25	21.80	0.00	19.65	<=34.77	Pass
			49	21.70	0.00	19.55	<=34.77	Pass
		25	0	20.77	0.00	18.62	<=34.77	Pass
			13	20.82	0.00	18.67	<=34.77	Pass
			25	20.85	0.00	18.70	<=34.77	Pass
		50	0	20.71	0.00	18.56	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B5_1.4MHz

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	-6.237	-0.0076	-2.5 to 2.5	Pass
					3.85	-4.678	-0.0057	-2.5 to 2.5	Pass
					4.43	-4.492	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-5.350	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-3.262	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-5.994	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-10.371	-0.0126	-2.5 to 2.5	Pass
				10	3.85	-4.034	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-4.992	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-6.022	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-7.095	-0.0086	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-5.450	-0.0065	-2.5 to 2.5	Pass
					3.85	-5.736	-0.0069	-2.5 to 2.5	Pass
					4.43	-5.307	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-3.390	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-7.524	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-3.276	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-4.864	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-9.427	-0.0113	-2.5 to 2.5	Pass

	848.3	6	0	30	3.85	-3.862	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-5.479	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-8.841	-0.0106	-2.5 to 2.5	Pass
				20	3.27	-12.603	-0.0149	-2.5 to 2.5	Pass
					3.85	-7.939	-0.0094	-2.5 to 2.5	Pass
					4.43	-4.678	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-5.064	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-7.081	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-4.835	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-6.981	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-9.212	-0.0109	-2.5 to 2.5	Pass
				30	3.85	-12.331	-0.0145	-2.5 to 2.5	Pass
				40	3.85	-9.499	-0.0112	-2.5 to 2.5	Pass
				50	3.85	-2.475	-0.0029	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-7.982	-0.0097	-2.5 to 2.5	Pass
					3.85	-7.739	-0.0094	-2.5 to 2.5	Pass
					4.43	-4.048	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-8.025	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-6.151	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-5.050	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-5.579	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-9.670	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-10.057	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-9.856	-0.0120	-2.5 to 2.5	Pass
				50	3.85	-6.695	-0.0081	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-4.606	-0.0055	-2.5 to 2.5	Pass
					3.85	-8.512	-0.0102	-2.5 to 2.5	Pass
					4.43	-5.765	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-5.465	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-8.326	-0.0100	-2.5 to 2.5	Pass
				-10	3.85	-6.080	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-4.978	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-6.781	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-6.566	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-9.856	-0.0118	-2.5 to 2.5	Pass
				50	3.85	-6.037	-0.0072	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-5.164	-0.0061	-2.5 to 2.5	Pass
					3.85	-5.565	-0.0066	-2.5 to 2.5	Pass
					4.43	-6.080	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-6.609	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-10.443	-0.0123	-2.5 to 2.5	Pass
				-10	3.85	-9.456	-0.0111	-2.5 to 2.5	Pass
				0	3.85	-9.527	-0.0112	-2.5 to 2.5	Pass
				10	3.85	-3.762	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-2.332	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-1.645	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.101	-0.0013	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

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	-4.320	-0.0052	-2.5 to 2.5	Pass
					3.85	-8.454	-0.0102	-2.5 to 2.5	Pass
					4.43	-7.639	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-12.646	-0.0153	-2.5 to 2.5	Pass
				-20	3.85	-6.909	-0.0084	-2.5 to 2.5	Pass

				-10	3.85	-7.567	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-8.082	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-7.553	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-7.510	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-7.753	-0.0094	-2.5 to 2.5	Pass
				50	3.85	-8.411	-0.0102	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-4.478	-0.0054	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0069	-2.5 to 2.5	Pass
					4.43	-5.708	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-4.678	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-4.921	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-5.522	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-10.214	-0.0122	-2.5 to 2.5	Pass
				10	3.85	-9.642	-0.0115	-2.5 to 2.5	Pass
				30	3.85	-5.336	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-5.479	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-5.479	-0.0065	-2.5 to 2.5	Pass
				20	3.27	-1.187	-0.0014	-2.5 to 2.5	Pass
					3.85	-3.548	-0.0042	-2.5 to 2.5	Pass
					4.43	-5.751	-0.0068	-2.5 to 2.5	Pass
	847.5	15	0	-30	3.85	-6.380	-0.0075	-2.5 to 2.5	Pass
				-20	3.85	-6.824	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-6.037	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-7.038	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-6.251	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-3.805	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-6.623	-0.0078	-2.5 to 2.5	Pass
				50	3.85	-5.822	-0.0069	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-6.151	-0.0075	-2.5 to 2.5	Pass
					3.85	-8.769	-0.0106	-2.5 to 2.5	Pass
					4.43	-7.439	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-7.238	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-11.072	-0.0134	-2.5 to 2.5	Pass
				-10	3.85	-4.306	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-7.639	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-4.992	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-8.368	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-8.898	-0.0108	-2.5 to 2.5	Pass
				50	3.85	-4.478	-0.0054	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-9.398	-0.0112	-2.5 to 2.5	Pass
					3.85	-6.895	-0.0082	-2.5 to 2.5	Pass
					4.43	-5.364	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-8.097	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-7.038	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-9.599	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-2.260	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-4.950	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-6.423	-0.0077	-2.5 to 2.5	Pass
				40	3.85	-5.622	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-7.596	-0.0091	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-6.623	-0.0078	-2.5 to 2.5	Pass
					3.85	-9.556	-0.0113	-2.5 to 2.5	Pass
					4.43	-3.991	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-2.861	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-2.203	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-3.848	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-3.734	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-9.699	-0.0114	-2.5 to 2.5	Pass
				30	3.85	-6.437	-0.0076	-2.5 to 2.5	Pass

				40	3.85	-5.407	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-6.094	-0.0072	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

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	-6.523	-0.0079	-2.5 to 2.5	Pass
					3.85	-6.495	-0.0079	-2.5 to 2.5	Pass
					4.43	-5.307	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-7.138	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-7.682	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-11.187	-0.0135	-2.5 to 2.5	Pass
				0	3.85	-4.292	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-8.440	-0.0102	-2.5 to 2.5	Pass
				30	3.85	-7.281	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-8.297	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-7.210	-0.0087	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-0.601	-0.0007	-2.5 to 2.5	Pass
					3.85	-2.732	-0.0033	-2.5 to 2.5	Pass
					4.43	-4.263	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-6.981	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-6.409	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-4.306	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-7.367	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-3.934	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-7.753	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-8.240	-0.0099	-2.5 to 2.5	Pass
				50	3.85	-4.220	-0.0050	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-4.778	-0.0056	-2.5 to 2.5	Pass
					3.85	-7.854	-0.0093	-2.5 to 2.5	Pass
					4.43	-6.952	-0.0082	-2.5 to 2.5	Pass
				-30	3.85	-9.155	-0.0108	-2.5 to 2.5	Pass
				-20	3.85	-7.424	-0.0088	-2.5 to 2.5	Pass
				-10	3.85	-5.622	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-5.779	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-7.567	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-10.357	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-6.466	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-5.336	-0.0063	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-3.862	-0.0047	-2.5 to 2.5	Pass
					3.85	-5.894	-0.0071	-2.5 to 2.5	Pass
					4.43	-7.925	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-7.167	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-8.211	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-11.101	-0.0134	-2.5 to 2.5	Pass
				0	3.85	-10.743	-0.0130	-2.5 to 2.5	Pass
				10	3.85	-3.333	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-3.476	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-1.559	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.931	-0.0023	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-7.324	-0.0088	-2.5 to 2.5	Pass
					3.85	-3.119	-0.0037	-2.5 to 2.5	Pass
					4.43	-6.838	-0.0082	-2.5 to 2.5	Pass
				-30	3.85	-7.610	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-6.924	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-6.766	-0.0081	-2.5 to 2.5	Pass

				0	3.85	-7.296	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-6.580	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-4.120	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-6.466	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-5.307	-0.0063	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-9.327	-0.0110	-2.5 to 2.5	Pass
					3.85	-5.651	-0.0067	-2.5 to 2.5	Pass
					4.43	-5.150	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-2.246	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-2.031	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-7.253	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-9.341	-0.0110	-2.5 to 2.5	Pass
				10	3.85	-5.407	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-1.988	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-4.592	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-2.346	-0.0028	-2.5 to 2.5	Pass

2.1.4 B5_10MHz

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	-8.240	-0.0099	-2.5 to 2.5	Pass
					3.85	-9.456	-0.0114	-2.5 to 2.5	Pass
					4.43	-5.622	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-7.367	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	-9.985	-0.0120	-2.5 to 2.5	Pass
				-10	3.85	-7.138	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-8.368	-0.0101	-2.5 to 2.5	Pass
				10	3.85	-5.121	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-9.899	-0.0119	-2.5 to 2.5	Pass
				40	3.85	-4.563	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-10.543	-0.0127	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-1.259	-0.0015	-2.5 to 2.5	Pass
					3.85	-4.778	-0.0057	-2.5 to 2.5	Pass
					4.43	-7.639	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-9.670	-0.0116	-2.5 to 2.5	Pass
				-20	3.85	-3.719	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-6.852	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-10.929	-0.0131	-2.5 to 2.5	Pass
				10	3.85	-5.107	-0.0061	-2.5 to 2.5	Pass
				30	3.85	-5.393	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-8.254	-0.0099	-2.5 to 2.5	Pass
				50	3.85	-5.808	-0.0069	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-7.095	-0.0084	-2.5 to 2.5	Pass
					3.85	-7.510	-0.0089	-2.5 to 2.5	Pass
					4.43	-6.967	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-8.068	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-7.195	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-8.168	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-6.509	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-6.795	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-6.495	-0.0077	-2.5 to 2.5	Pass
				40	3.85	-7.052	-0.0084	-2.5 to 2.5	Pass
				50	3.85	-7.696	-0.0091	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-3.591	-0.0043	-2.5 to 2.5	Pass
					3.85	-7.453	-0.0090	-2.5 to 2.5	Pass
					4.43	-9.170	-0.0111	-2.5 to 2.5	Pass

				-30	3.85	-9.112	-0.0110	-2.5 to 2.5	Pass
				-20	3.85	-3.748	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-4.120	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-4.106	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-5.236	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-4.306	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-5.350	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-4.792	-0.0058	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-4.878	-0.0058	-2.5 to 2.5	Pass
					3.85	-7.024	-0.0084	-2.5 to 2.5	Pass
					4.43	-7.167	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-11.187	-0.0134	-2.5 to 2.5	Pass
				-20	3.85	-11.144	-0.0133	-2.5 to 2.5	Pass
				-10	3.85	-11.716	-0.0140	-2.5 to 2.5	Pass
				0	3.85	-6.552	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-7.424	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-8.440	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-8.168	-0.0098	-2.5 to 2.5	Pass
				50	3.85	-5.379	-0.0064	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-8.469	-0.0100	-2.5 to 2.5	Pass
					3.85	-7.167	-0.0085	-2.5 to 2.5	Pass
					4.43	-7.038	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-6.037	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-5.922	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-2.818	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-10.443	-0.0124	-2.5 to 2.5	Pass
				10	3.85	-8.125	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-4.163	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-0.515	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-1.173	-0.0014	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTV						
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 B5_3MHz

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

3.1.3 B5_5MHz

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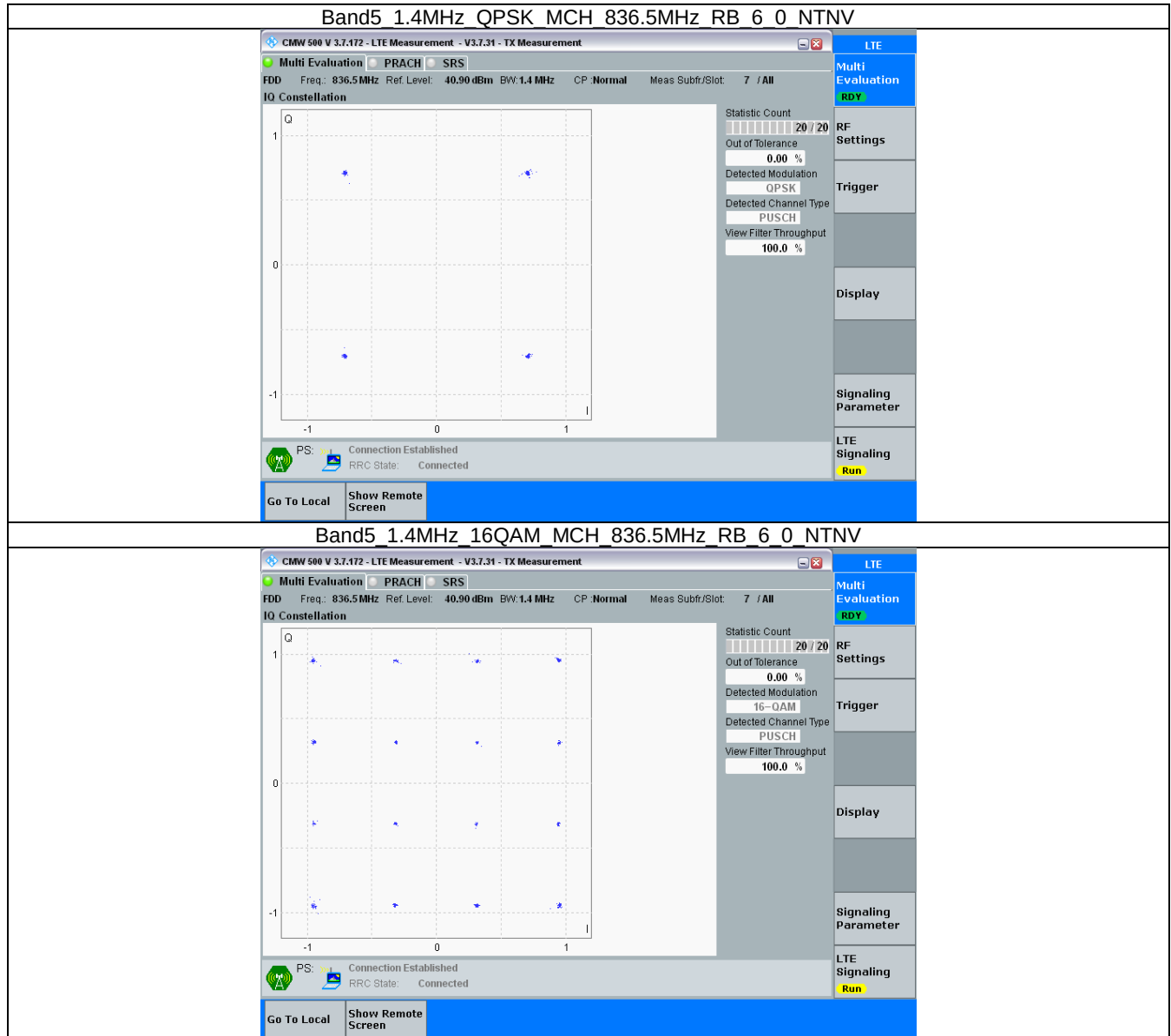
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

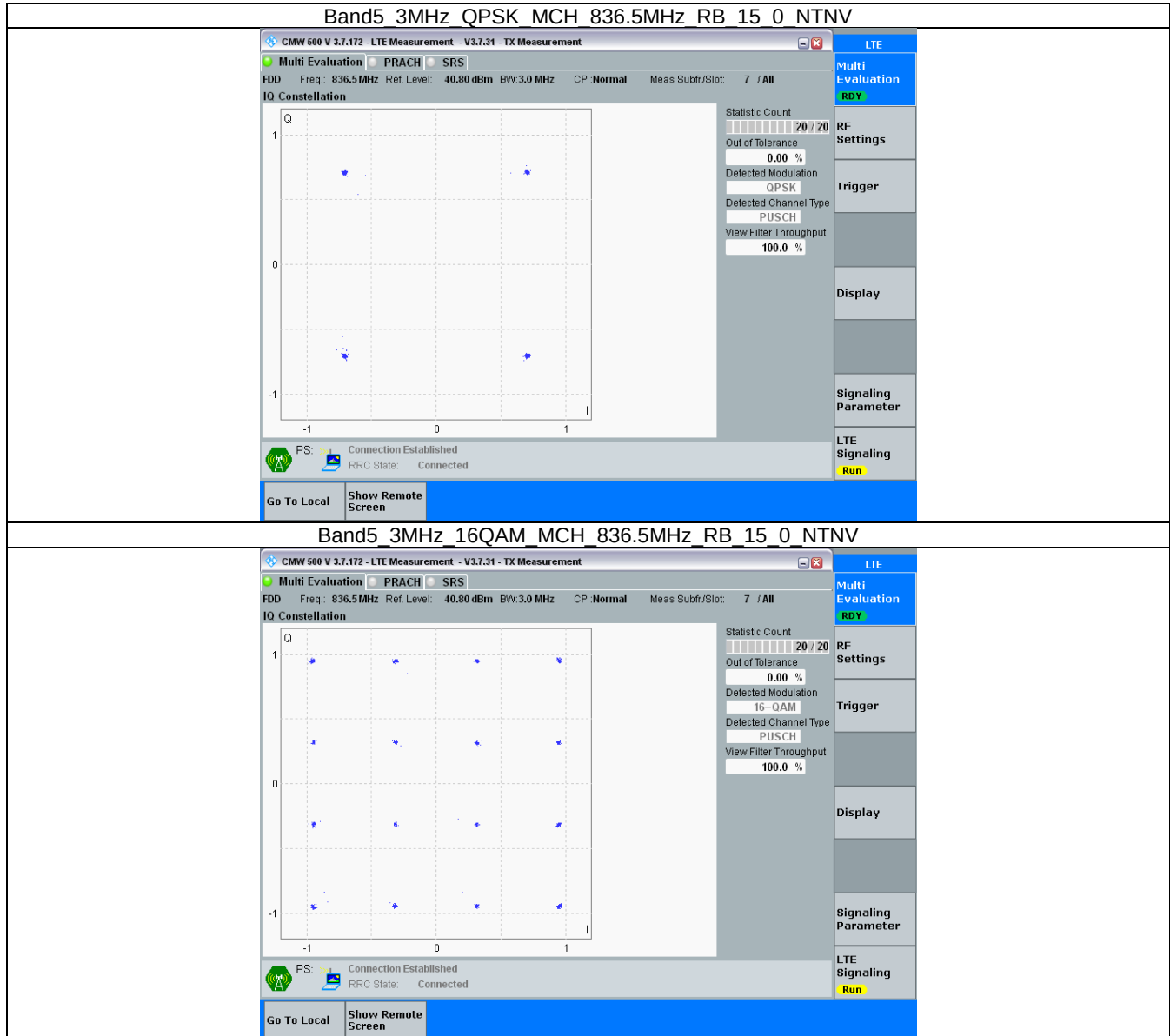
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

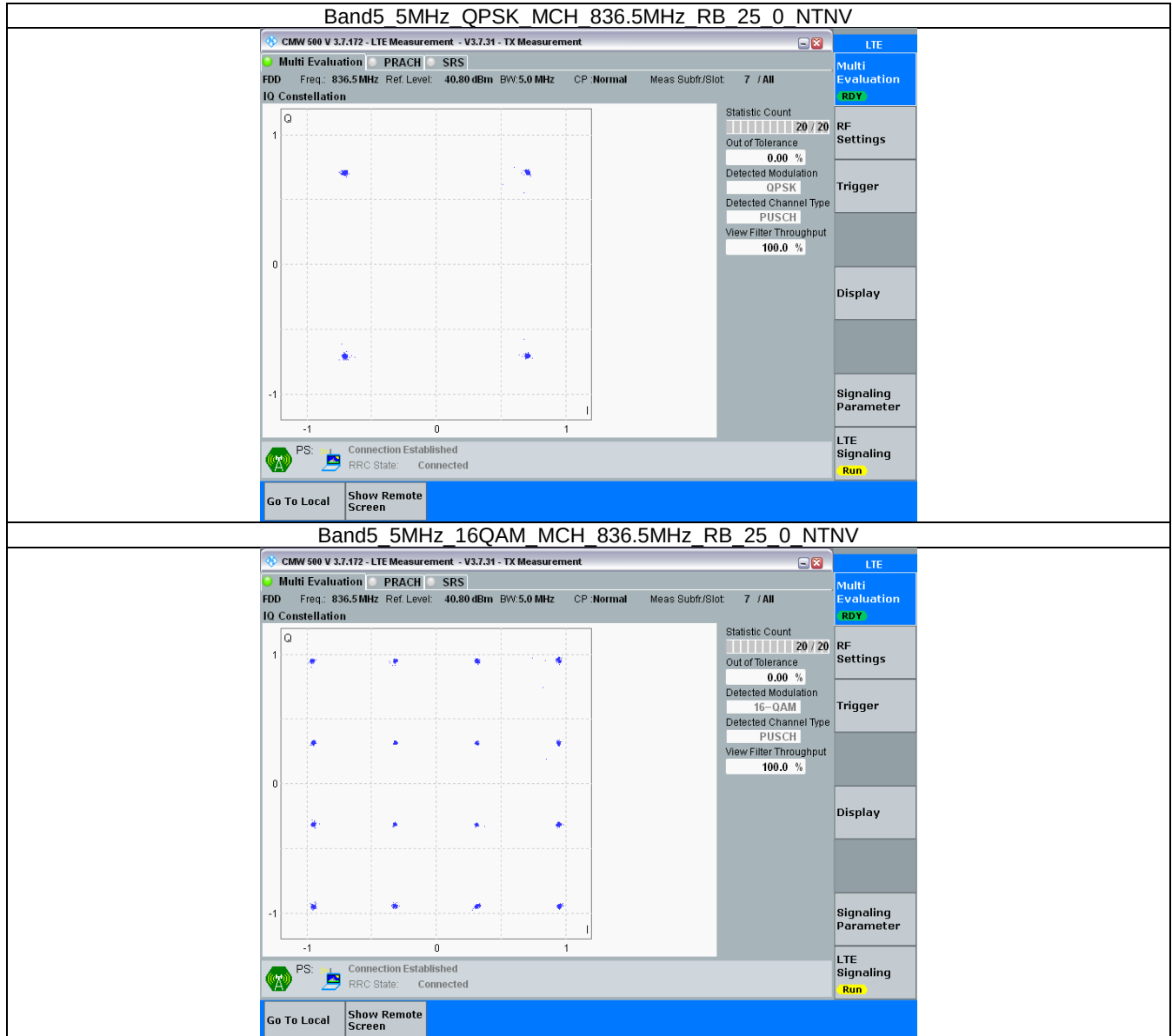
3.2.1 B5_1.4MHz



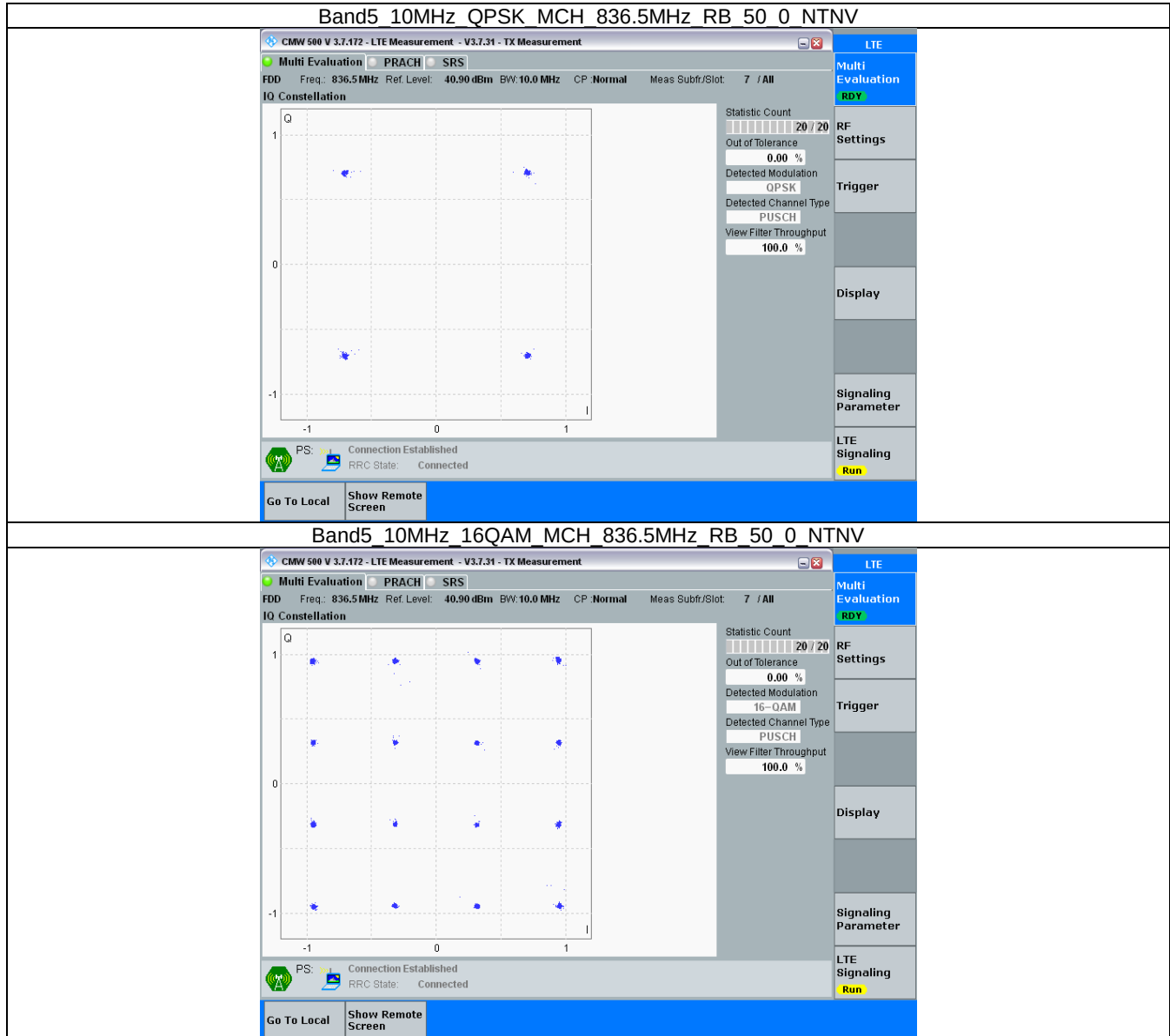
3.2.2 B5_3MHz



3.2.3 B5_5MHz



3.2.4 B5_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band5_OBW

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	1.104	/	Pass
		836.5	6	0	1.111	/	Pass
		848.3	6	0	1.124	/	Pass
	16QAM	824.7	6	0	1.103	/	Pass
		836.5	6	0	1.115	/	Pass
		848.3	6	0	1.101	/	Pass
3	QPSK	825.5	15	0	2.720	/	Pass
		836.5	15	0	2.732	/	Pass
		847.5	15	0	2.722	/	Pass
	16QAM	825.5	15	0	2.716	/	Pass
		836.5	15	0	2.717	/	Pass
		847.5	15	0	2.727	/	Pass
5	QPSK	826.5	25	0	4.537	/	Pass
		836.5	25	0	4.552	/	Pass
		846.5	25	0	4.531	/	Pass
	16QAM	826.5	25	0	4.536	/	Pass
		836.5	25	0	4.533	/	Pass
		846.5	25	0	4.529	/	Pass
10	QPSK	829	50	0	9.030	/	Pass
		836.5	50	0	9.065	/	Pass
		844	50	0	9.013	/	Pass
	16QAM	829	50	0	9.041	/	Pass
		836.5	50	0	9.059	/	Pass
		844	50	0	9.044	/	Pass

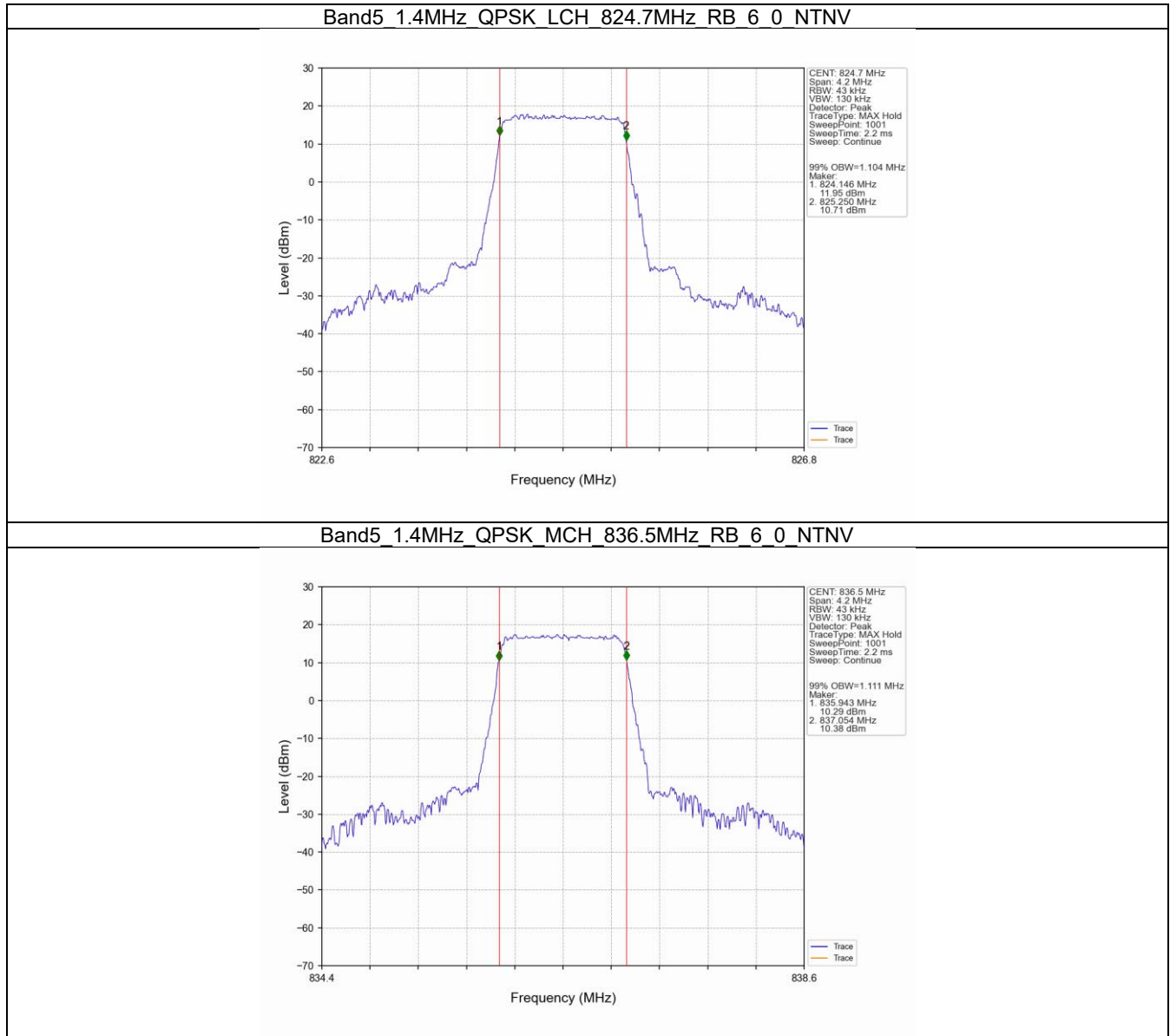
4.1.2 Band5_XDB

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	1.316	/	Pass
		836.5	6	0	1.310	/	Pass
		848.3	6	0	1.302	/	Pass
	16QAM	824.7	6	0	1.311	/	Pass
		836.5	6	0	1.315	/	Pass
		848.3	6	0	1.300	/	Pass
3	QPSK	825.5	15	0	2.994	/	Pass
		836.5	15	0	2.997	/	Pass
		847.5	15	0	3.002	/	Pass
	16QAM	825.5	15	0	3.002	/	Pass
		836.5	15	0	2.979	/	Pass
		847.5	15	0	2.986	/	Pass
5	QPSK	826.5	25	0	5.036	/	Pass
		836.5	25	0	5.017	/	Pass
		846.5	25	0	5.009	/	Pass

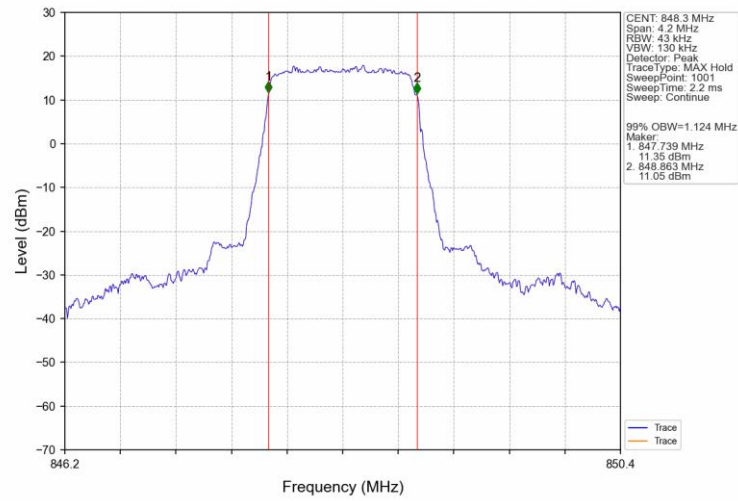
10	16QAM	826.5	25	0	5.029	/	Pass
		836.5	25	0	5.001	/	Pass
		846.5	25	0	5.032	/	Pass
	QPSK	829	50	0	9.984	/	Pass
		836.5	50	0	9.970	/	Pass
		844	50	0	9.907	/	Pass
	16QAM	829	50	0	9.905	/	Pass
		836.5	50	0	9.907	/	Pass
		844	50	0	9.967	/	Pass

4.2 Test Graph

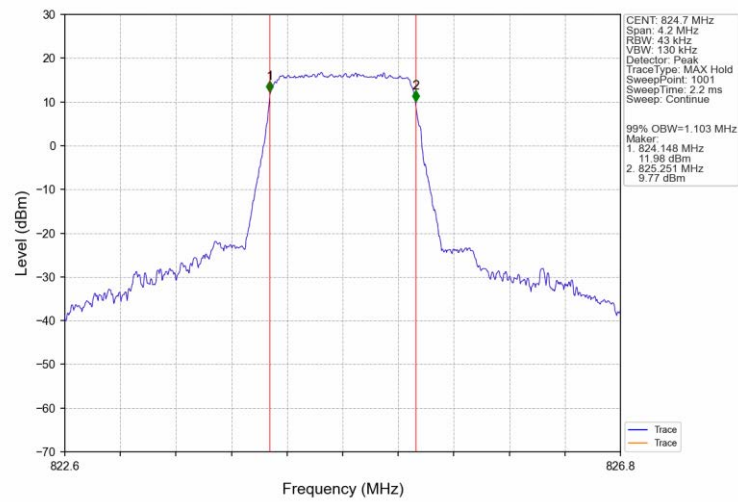
4.2.1 Band5_OBW



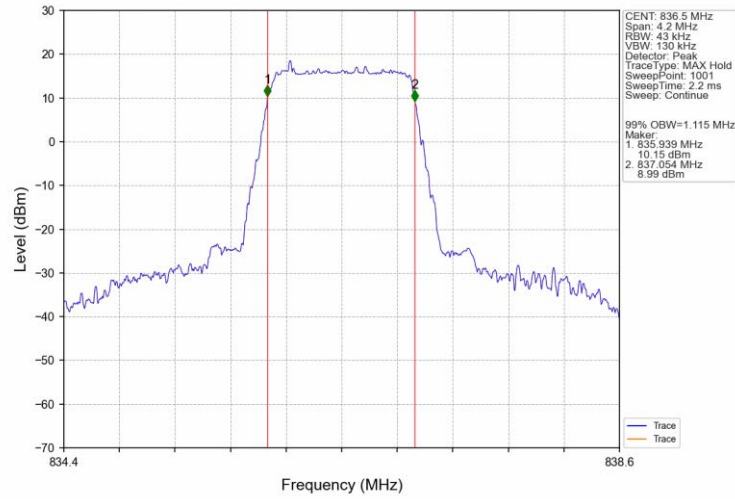
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



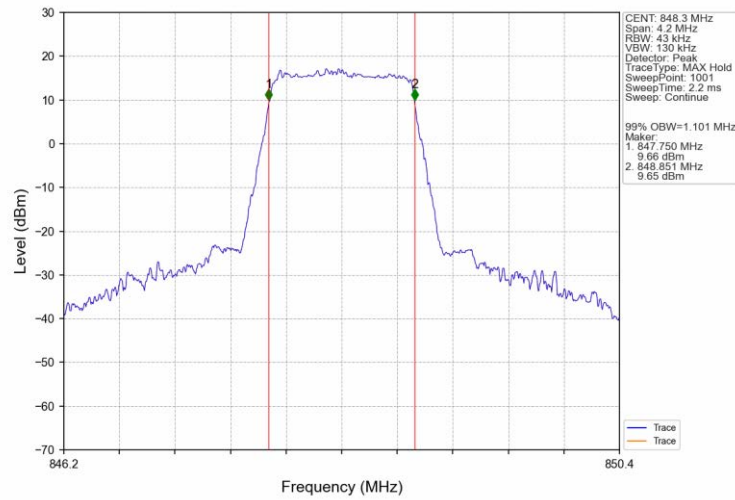
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



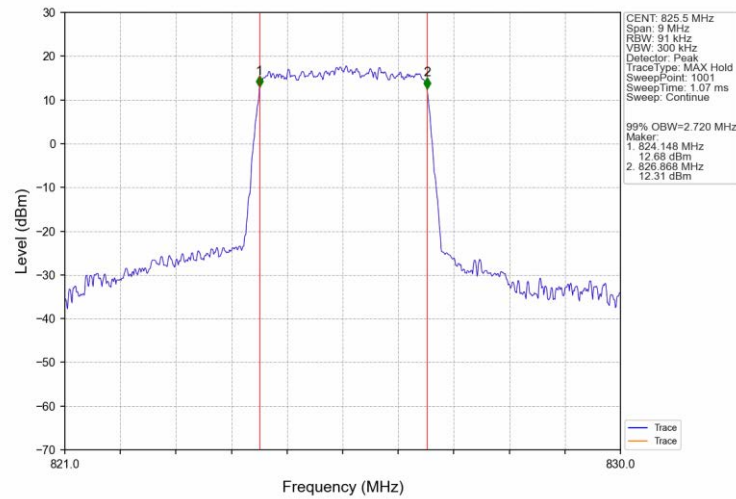
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



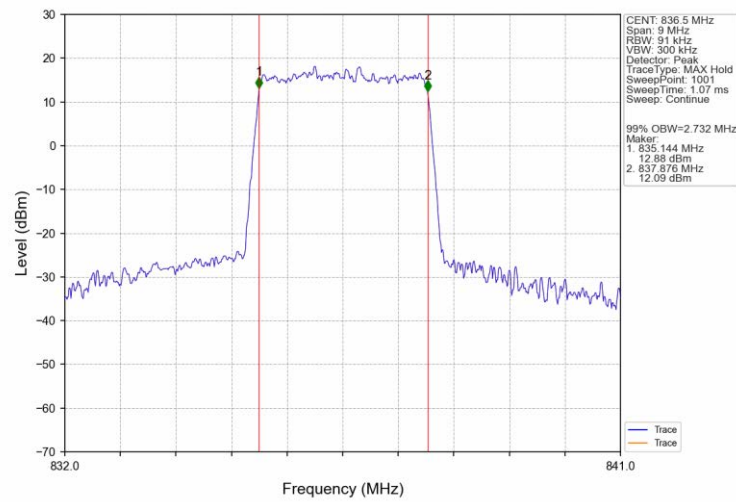
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



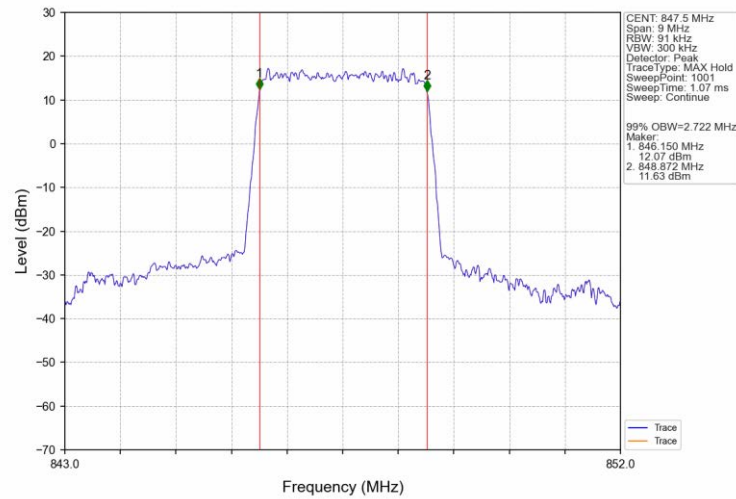
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



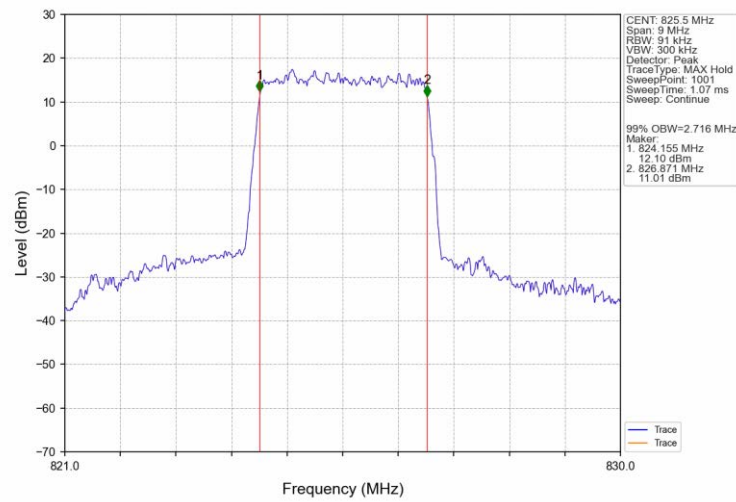
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



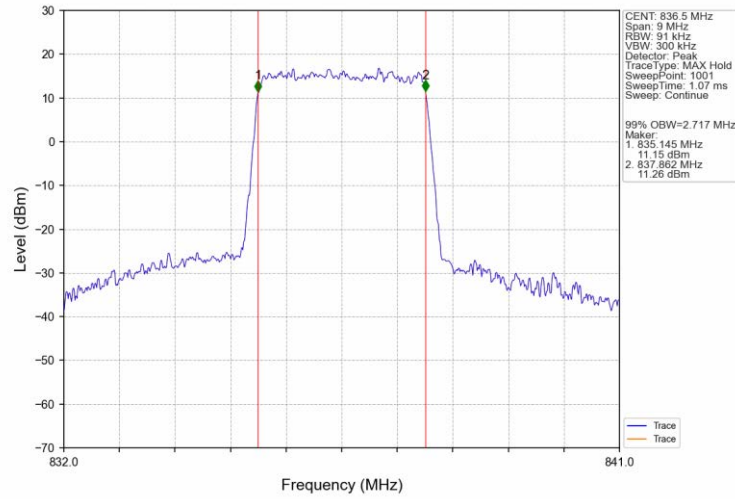
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



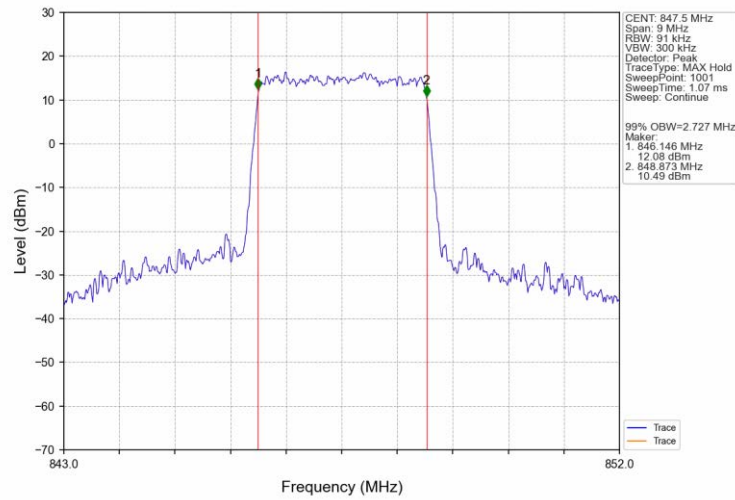
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



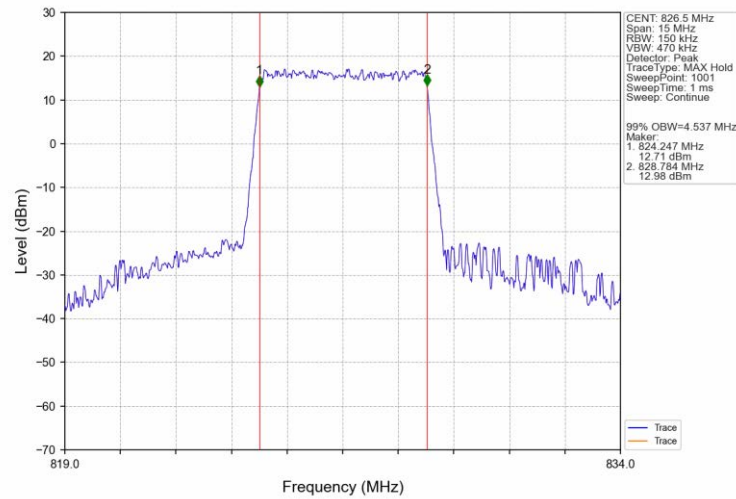
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



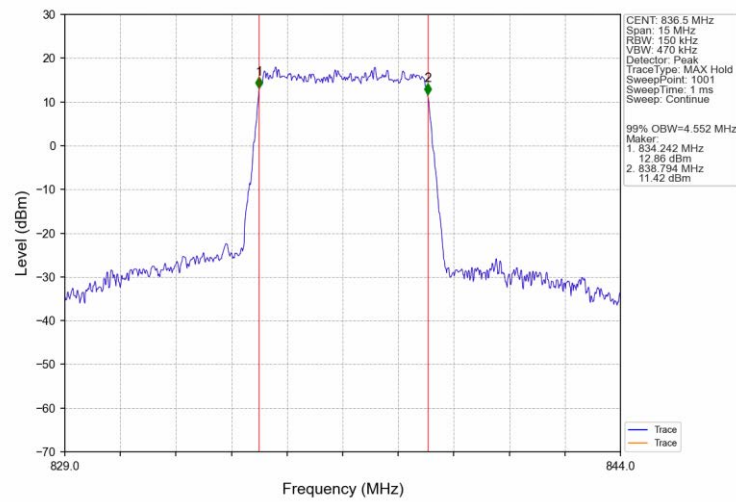
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



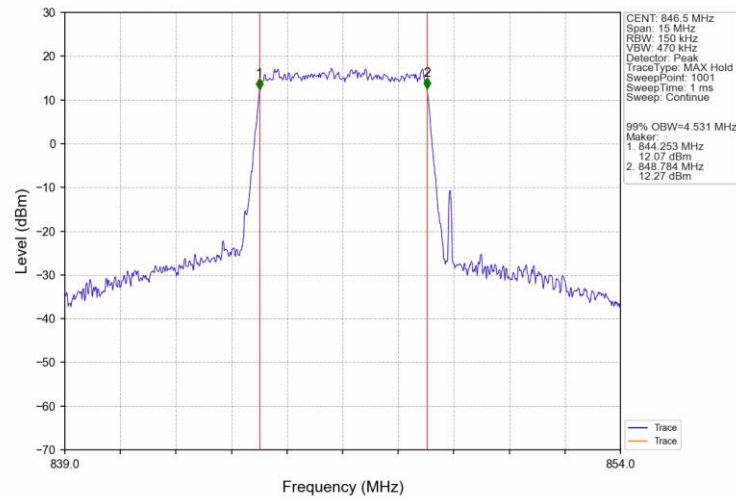
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



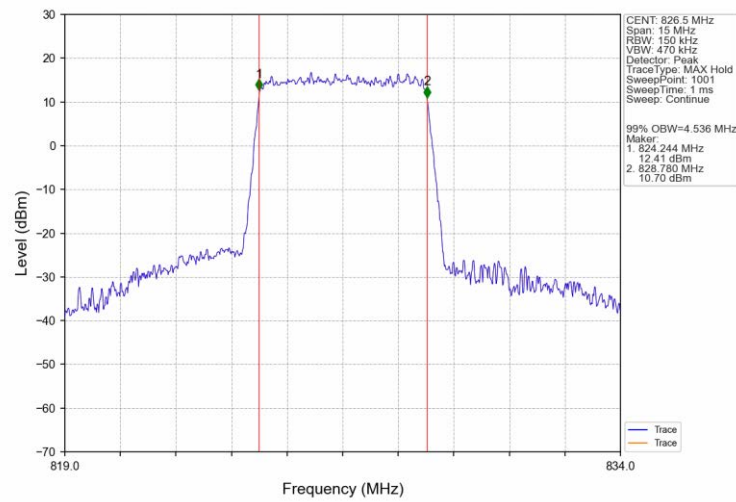
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



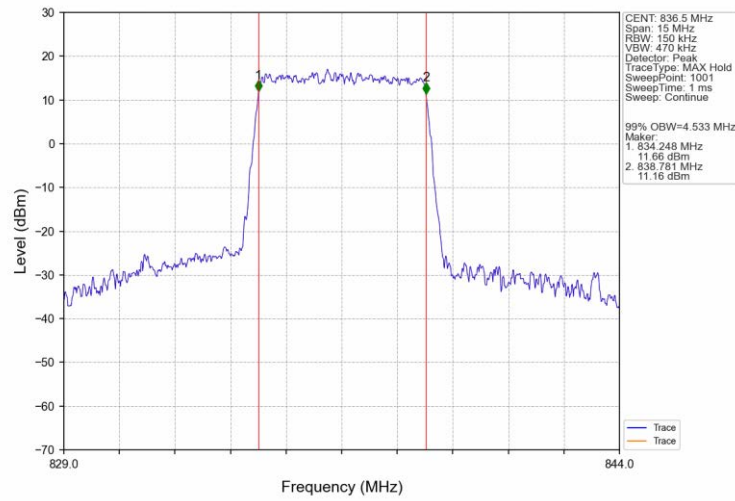
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



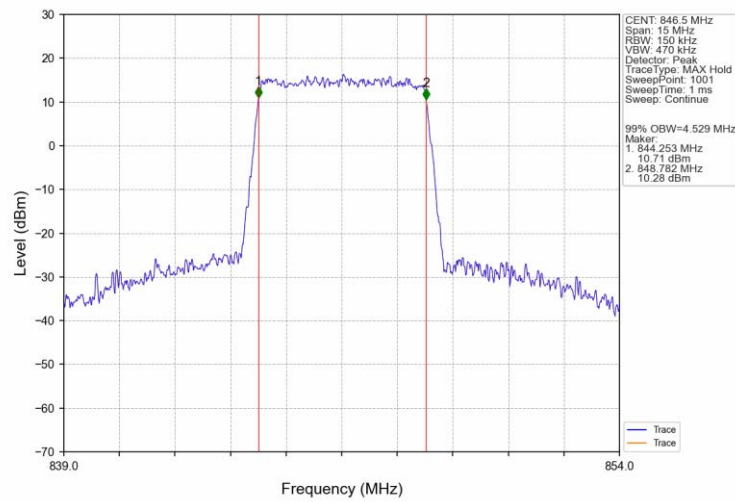
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



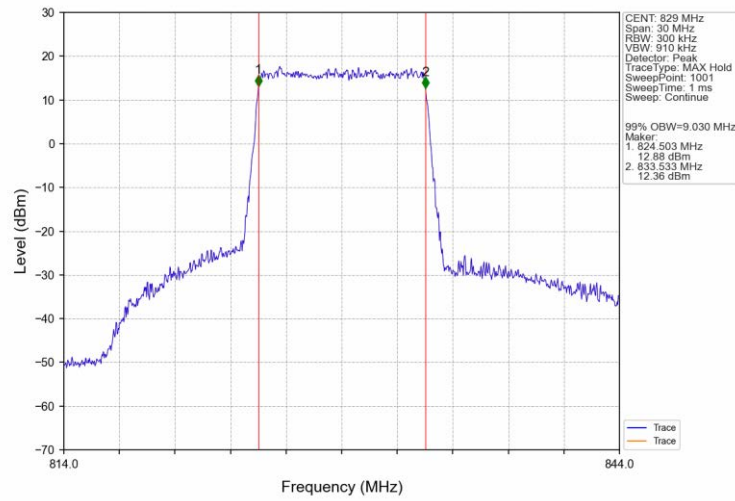
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



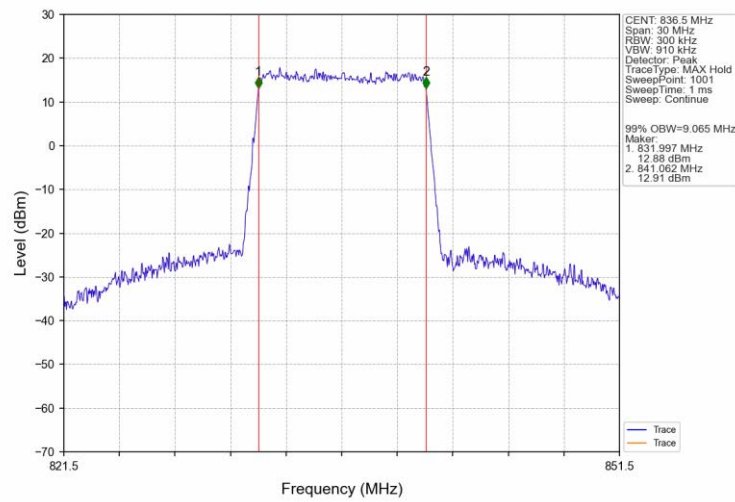
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



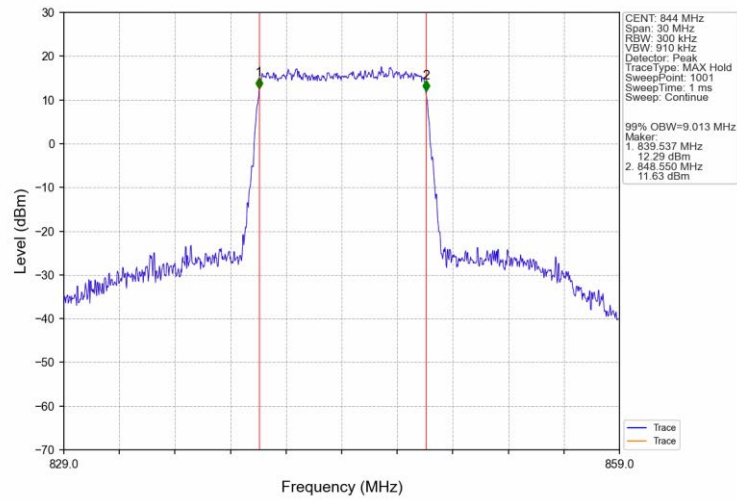
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



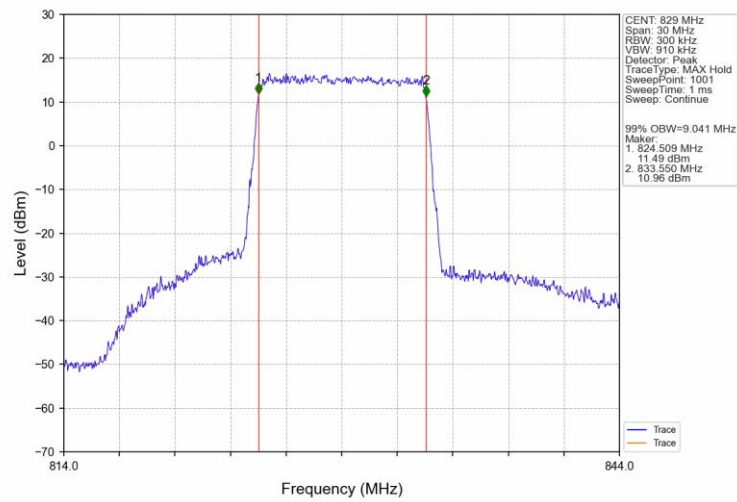
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



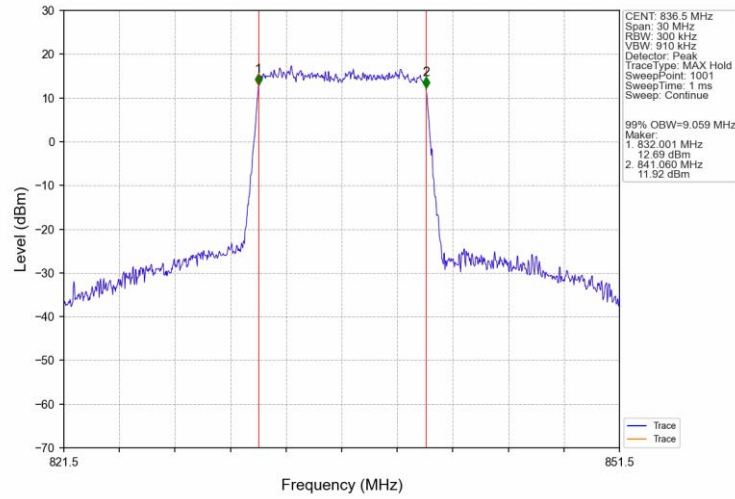
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



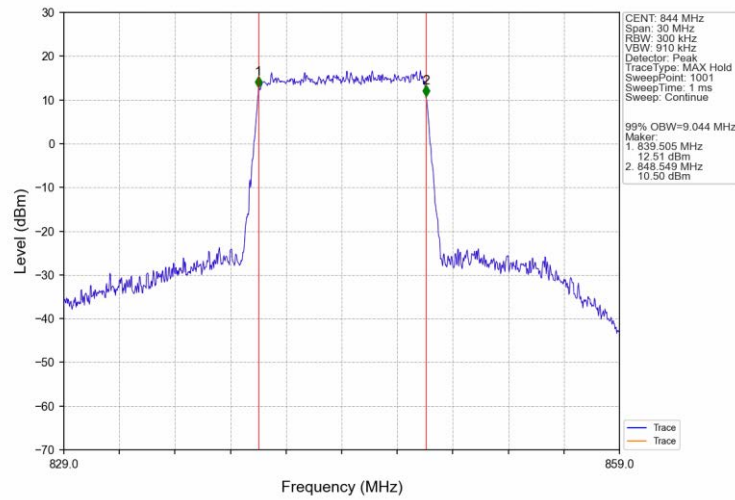
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV

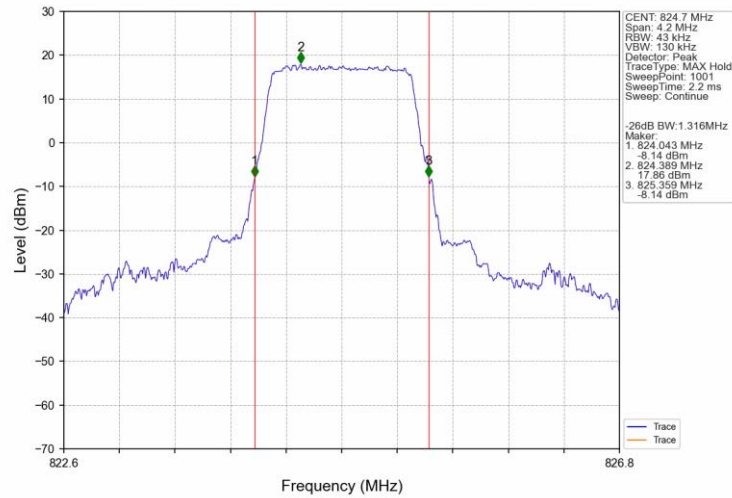


Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV

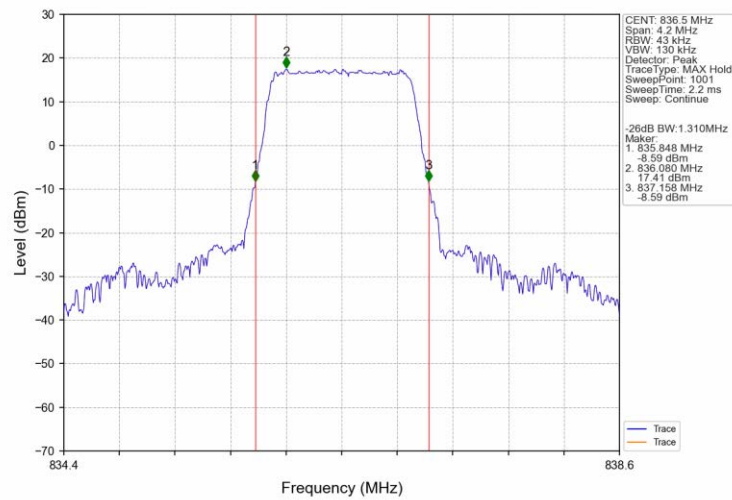


4.2.2 Band5_XDB

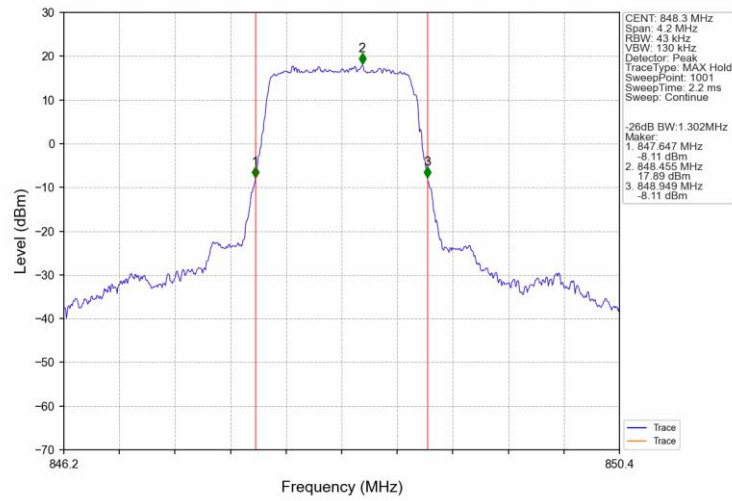
Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTN



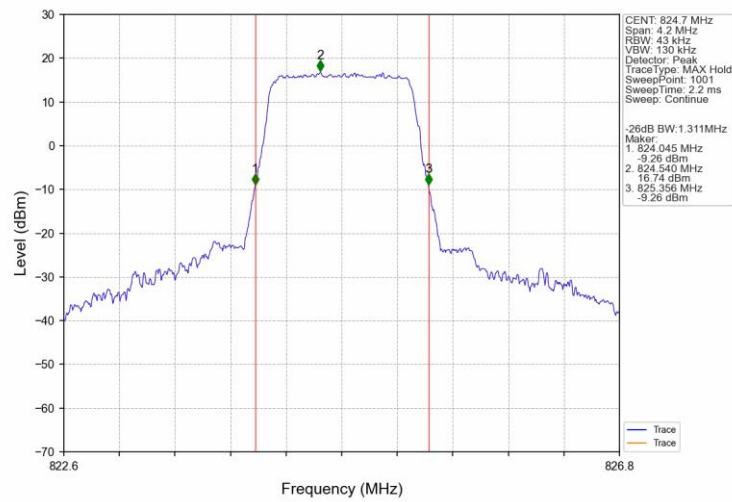
Band5 1.4MHz QPSK MCH 836.5MHz RB 6 0 NTN



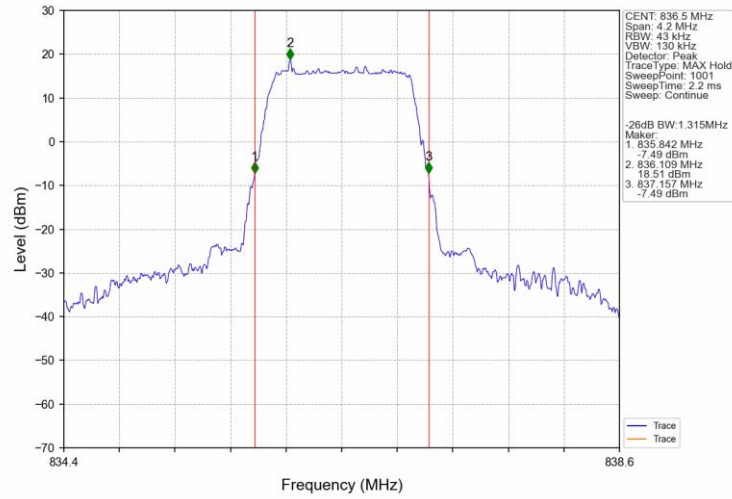
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



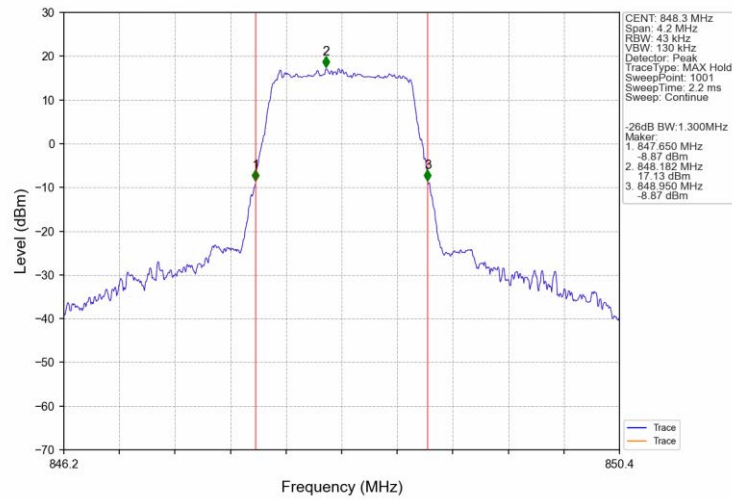
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



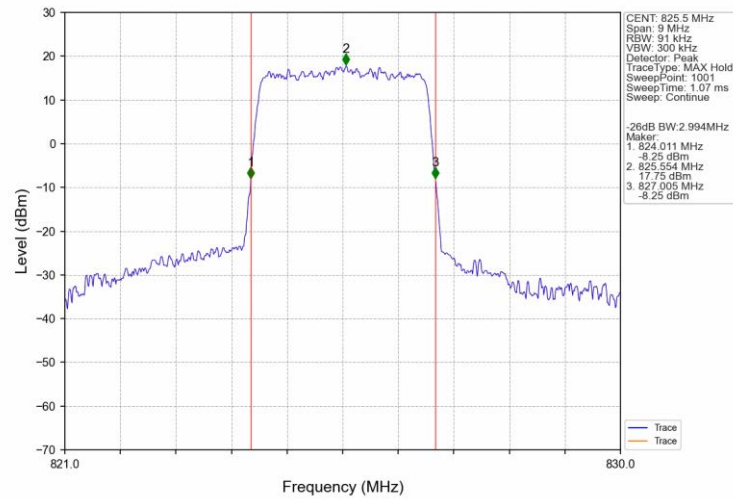
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



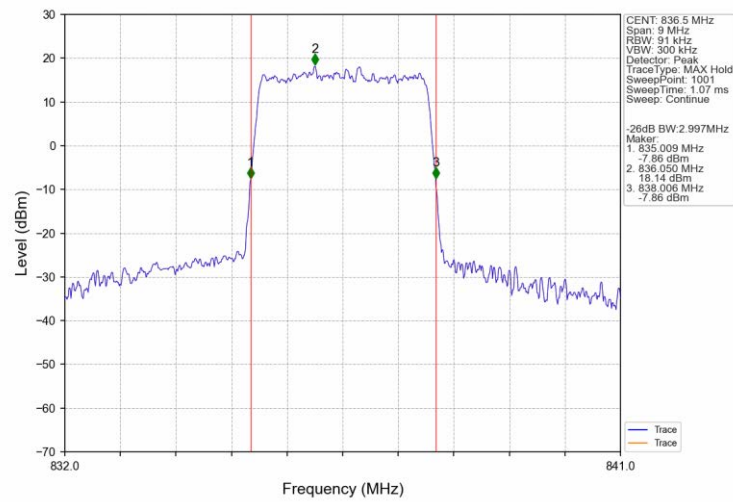
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



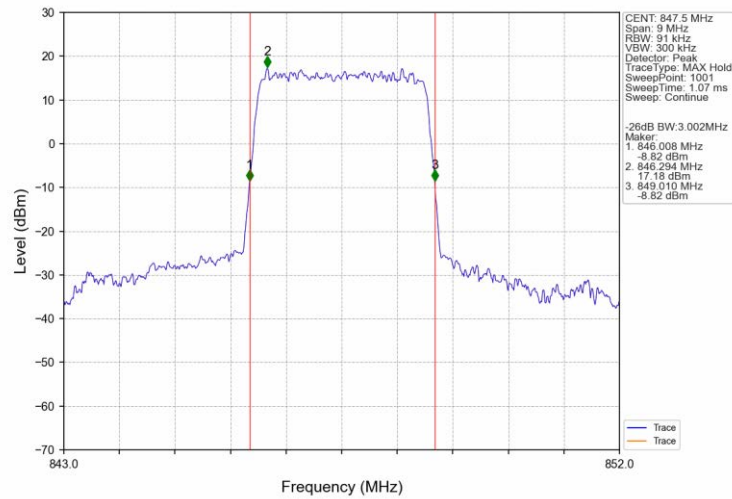
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



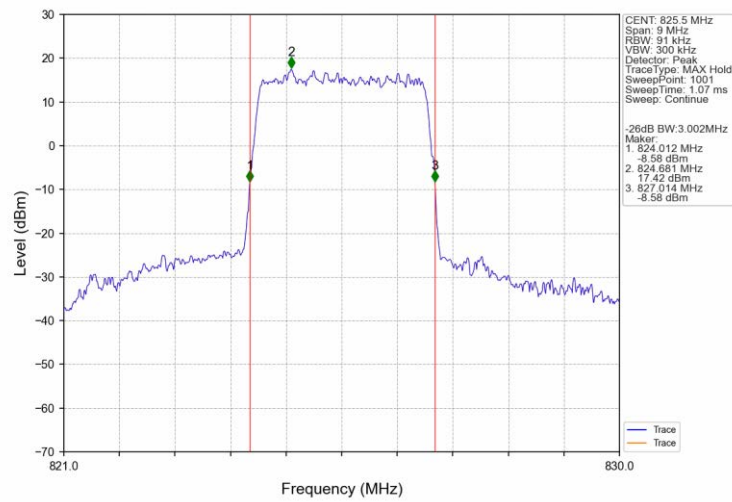
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



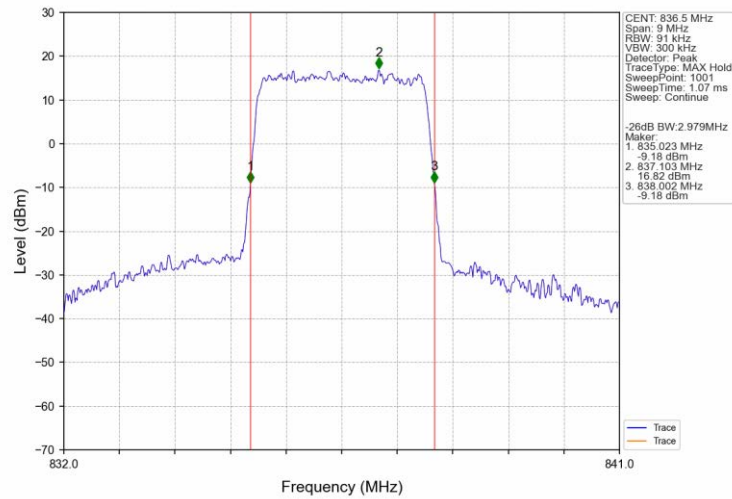
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTNv



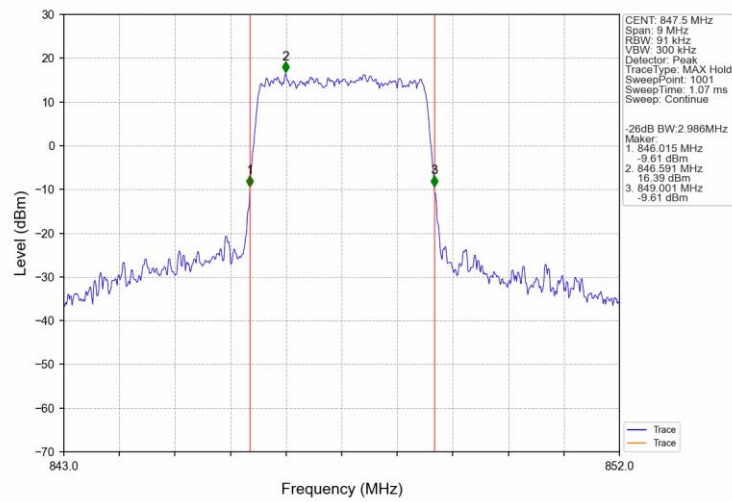
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTNv



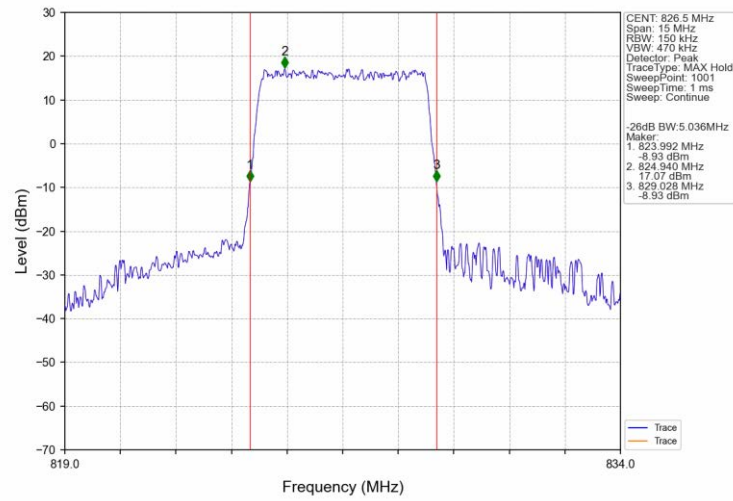
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



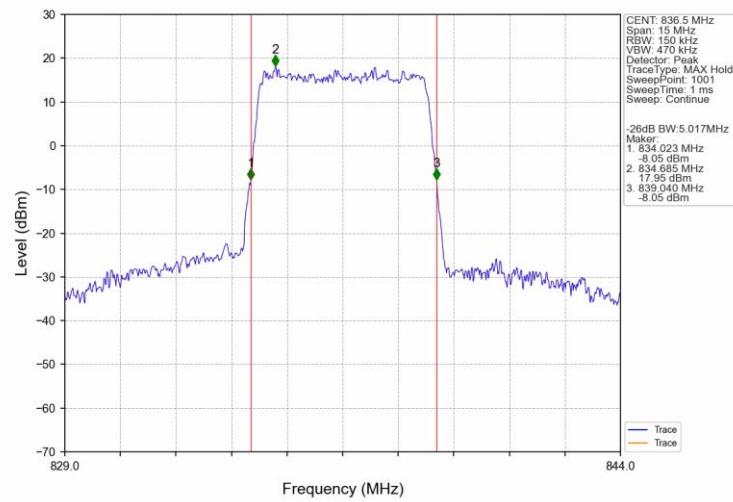
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



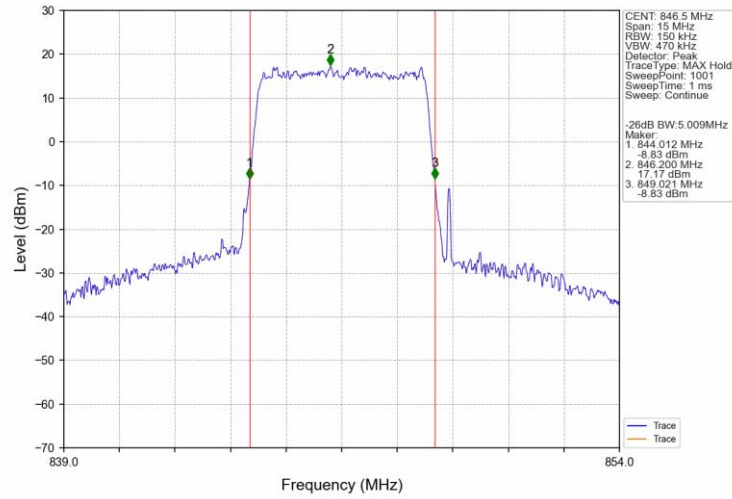
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



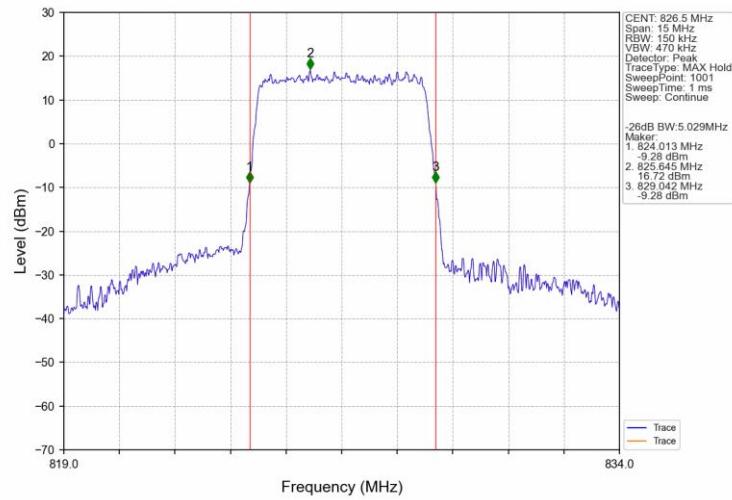
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



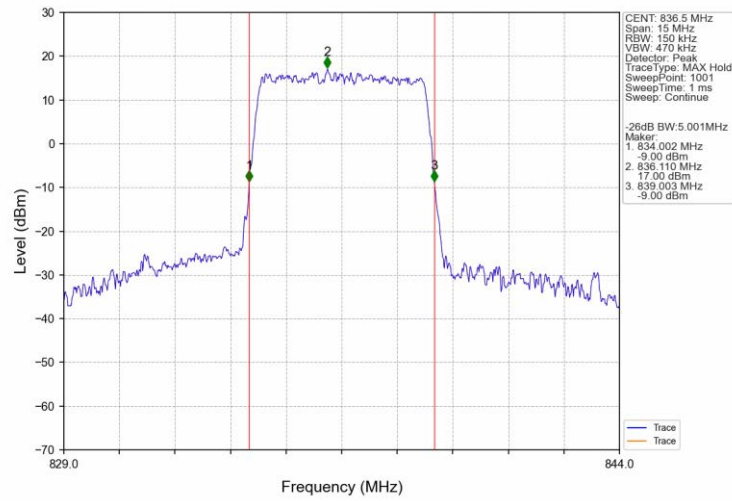
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



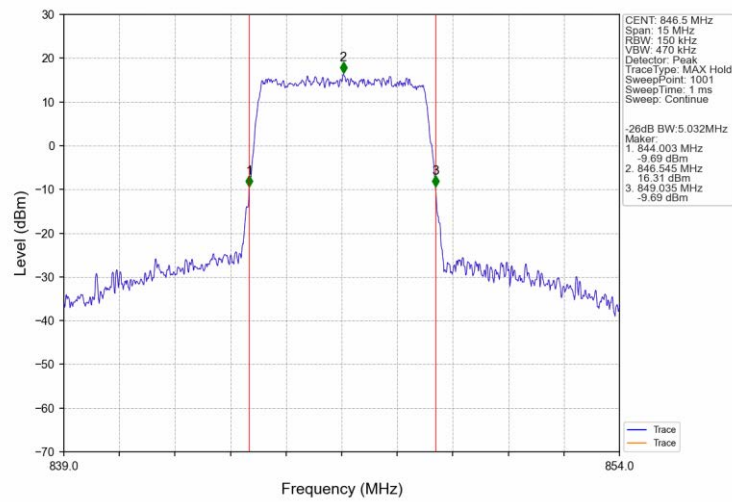
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



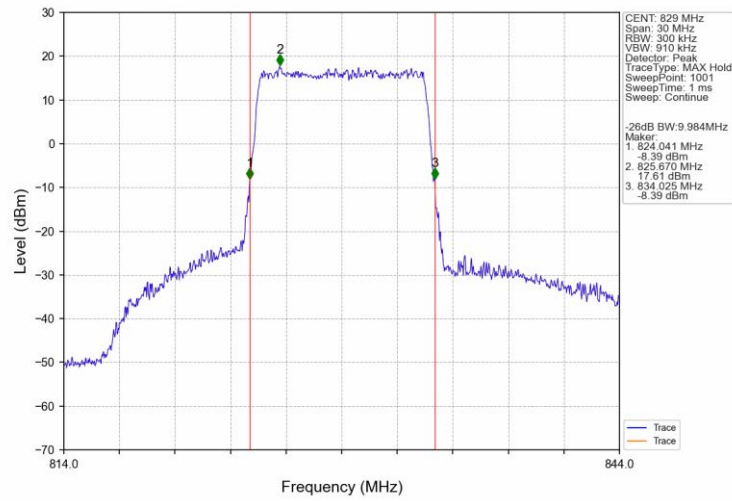
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



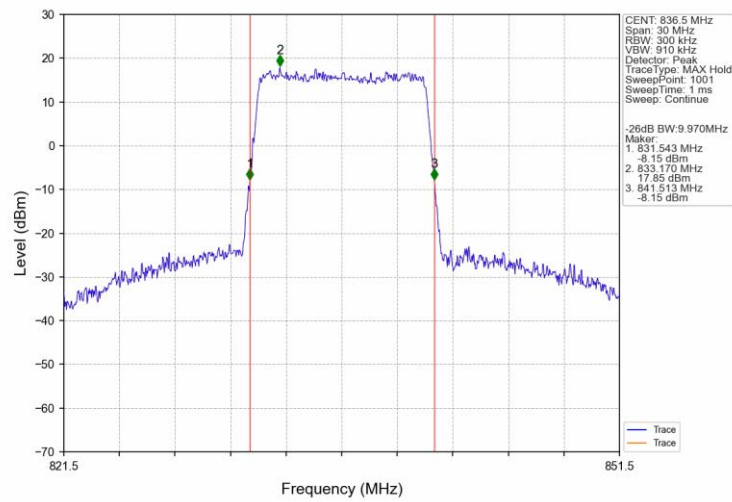
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



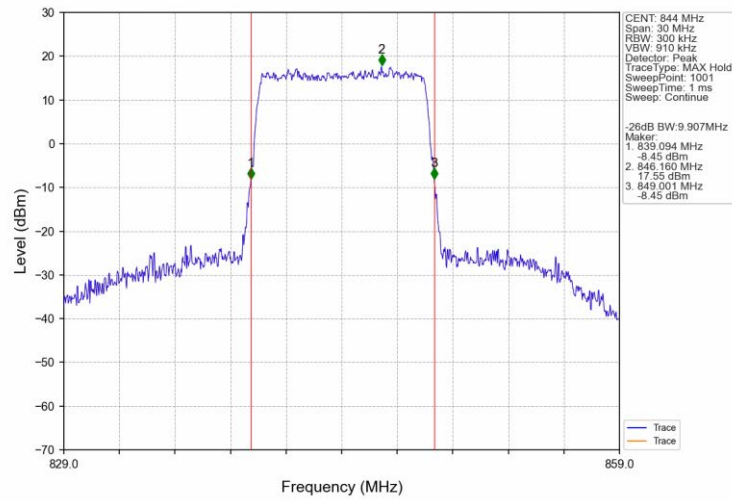
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



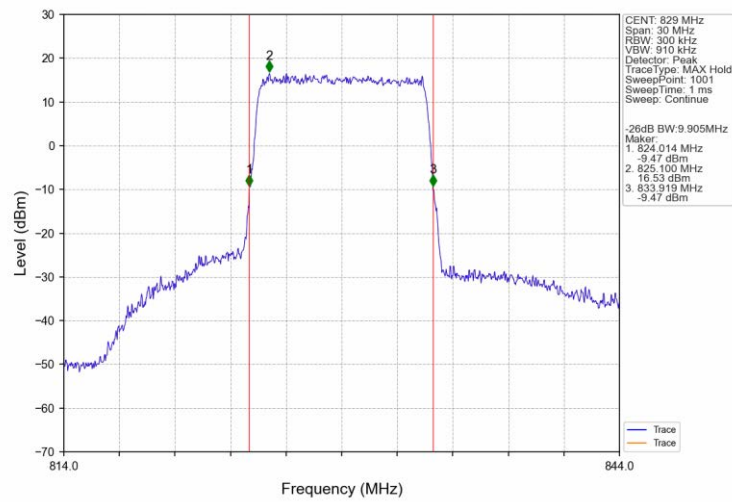
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



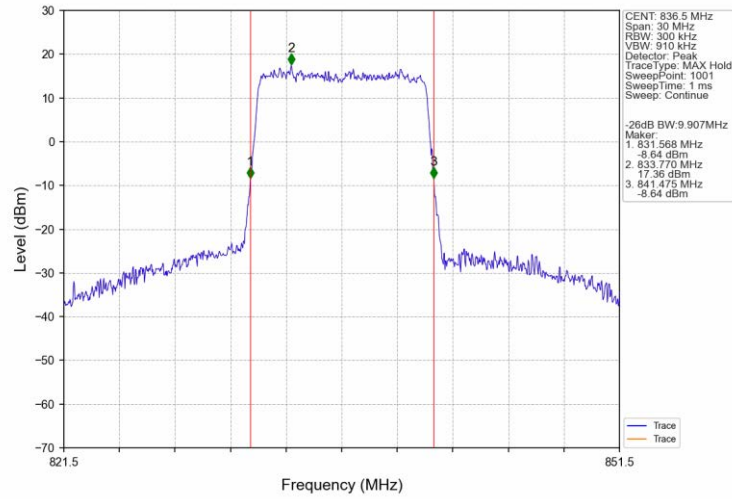
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



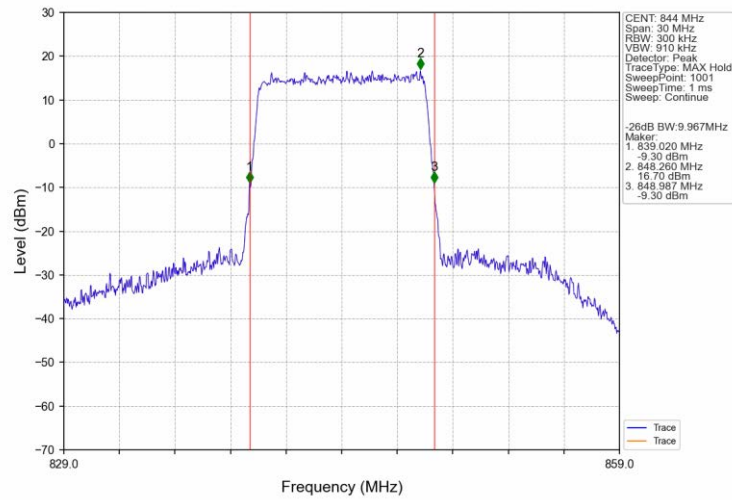
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B5_1.4MHz

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	5.56	<=13	Pass
	836.5	6	0	5.61	<=13	Pass
	848.3	6	0	5.52	<=13	Pass
16QAM	824.7	6	0	6.43	<=13	Pass
	836.5	6	0	6.34	<=13	Pass
	848.3	6	0	6.32	<=13	Pass

5.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.70	<=13	Pass
	836.5	15	0	5.60	<=13	Pass
	847.5	15	0	5.51	<=13	Pass
16QAM	825.5	15	0	6.49	<=13	Pass
	836.5	15	0	6.41	<=13	Pass
	847.5	15	0	6.37	<=13	Pass

5.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.76	<=13	Pass
	836.5	25	0	5.68	<=13	Pass
	846.5	25	0	5.64	<=13	Pass
16QAM	826.5	25	0	6.40	<=13	Pass
	836.5	25	0	6.40	<=13	Pass
	846.5	25	0	6.34	<=13	Pass

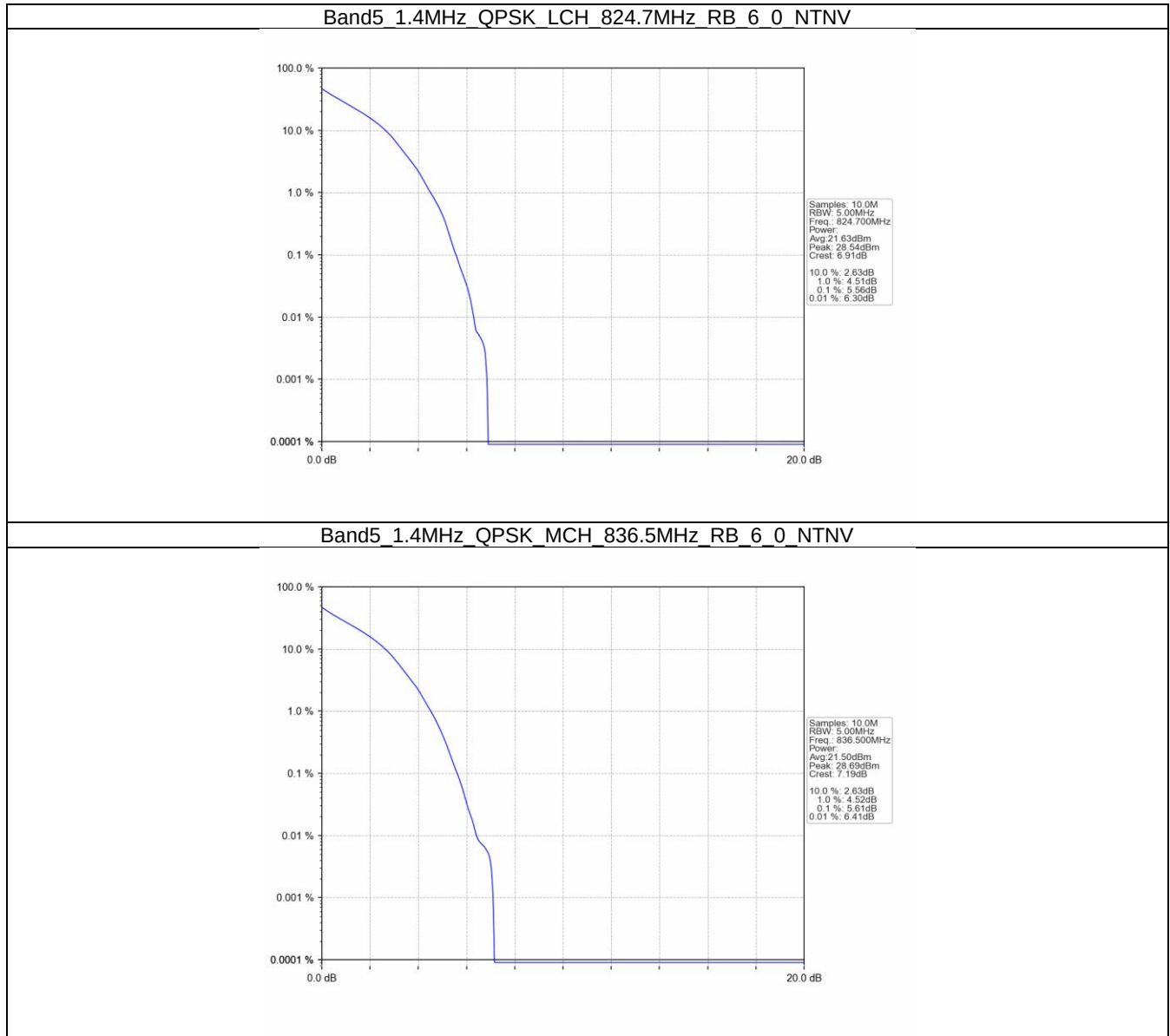
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.66	<=13	Pass
	836.5	50	0	5.68	<=13	Pass
	844	50	0	5.56	<=13	Pass
16QAM	829	50	0	6.44	<=13	Pass
	836.5	50	0	6.36	<=13	Pass
	844	50	0	6.32	<=13	Pass

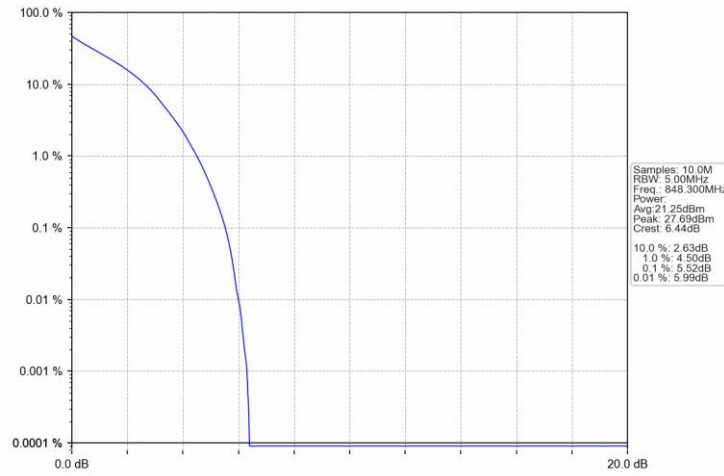


5.2 Test Graph

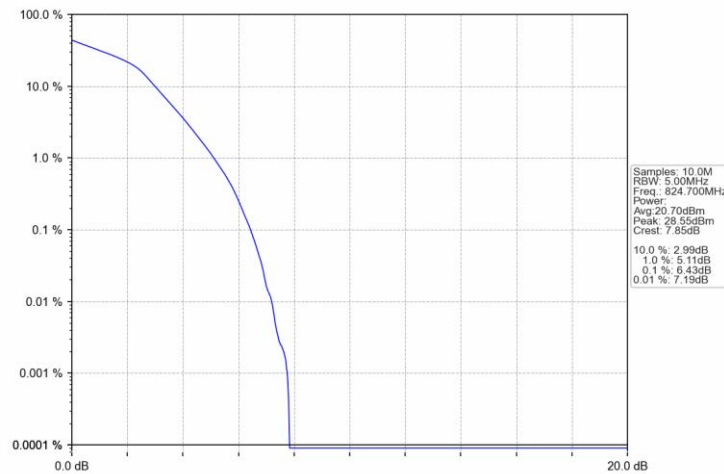
5.2.1 B5_1.4MHz



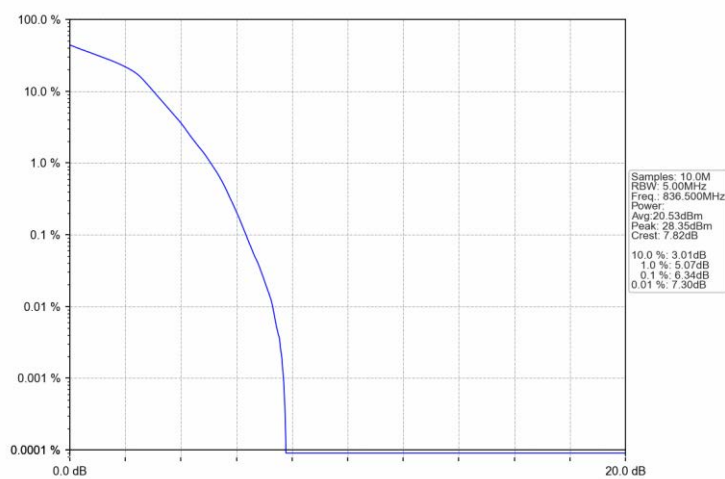
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTV



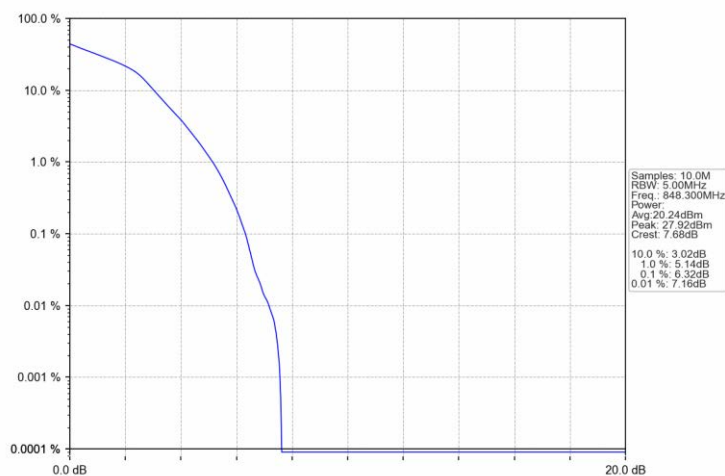
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTV



Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV

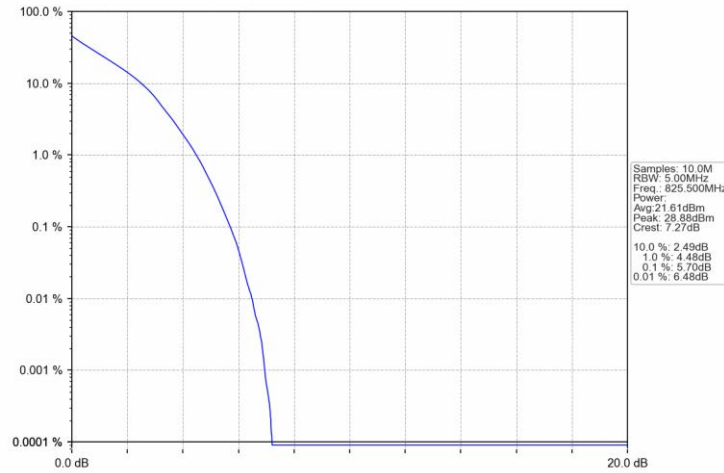


Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV

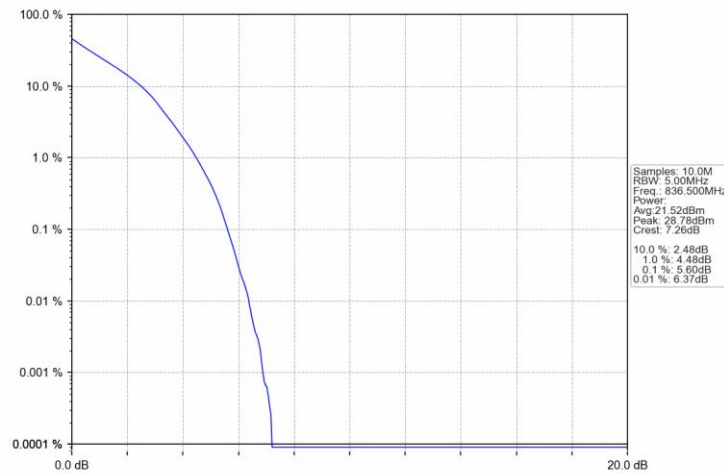


5.2.2 B5_3MHz

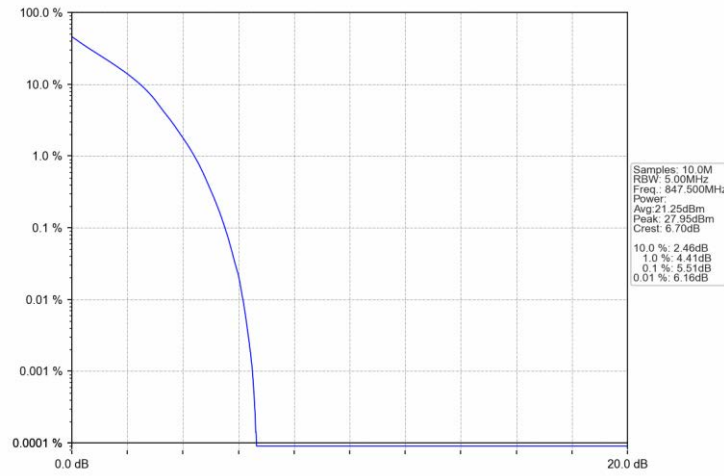
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



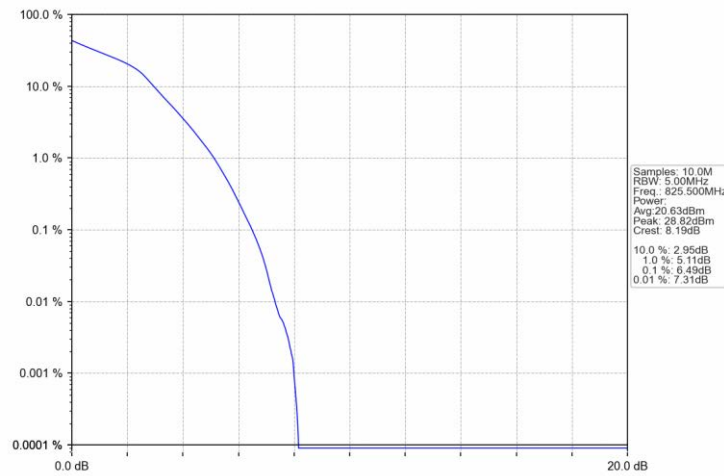
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



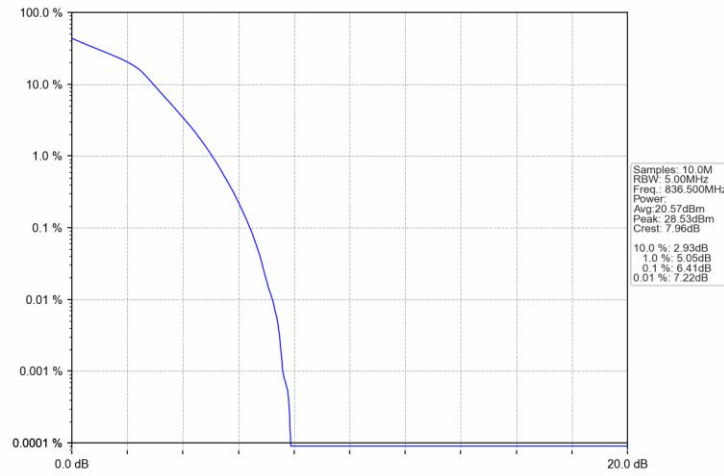
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



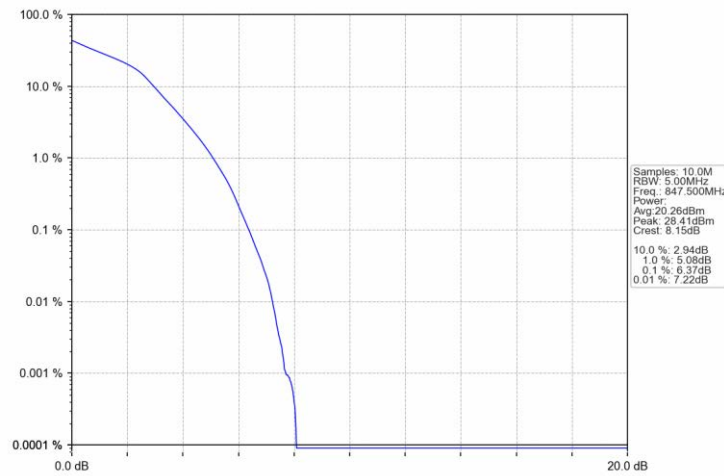
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

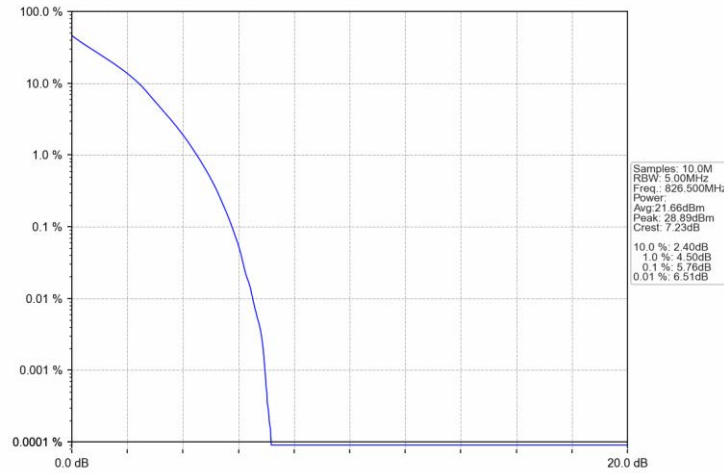


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

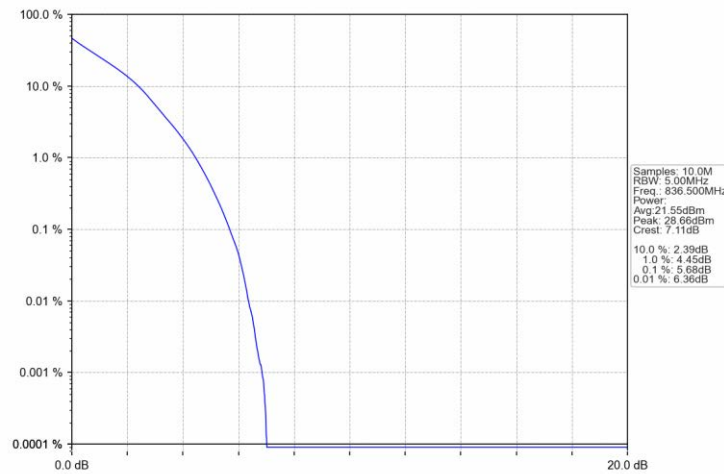


5.2.3 B5_5MHz

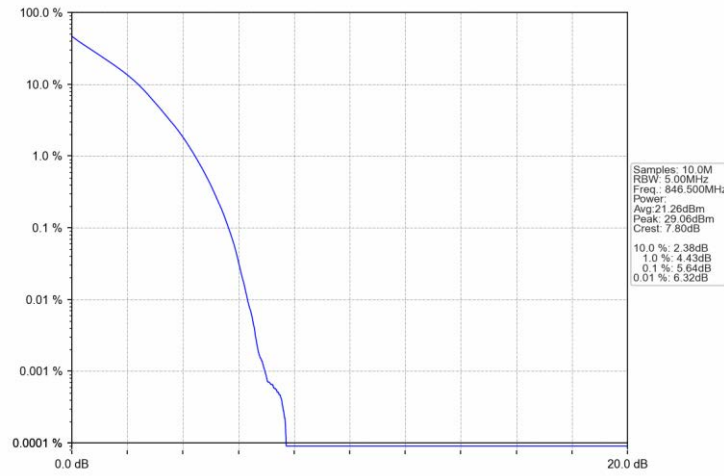
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



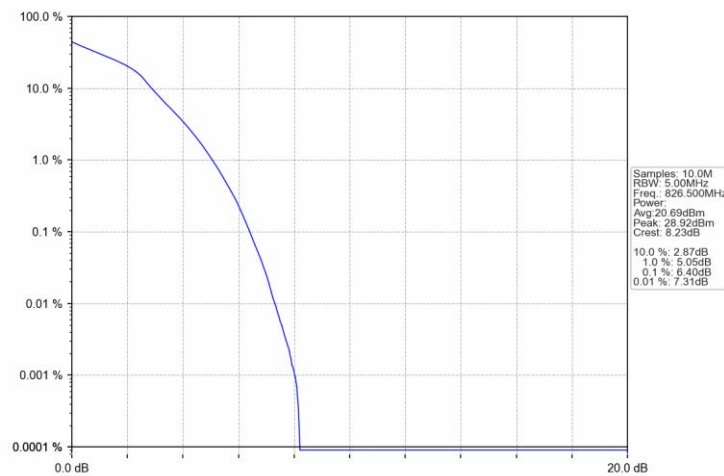
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



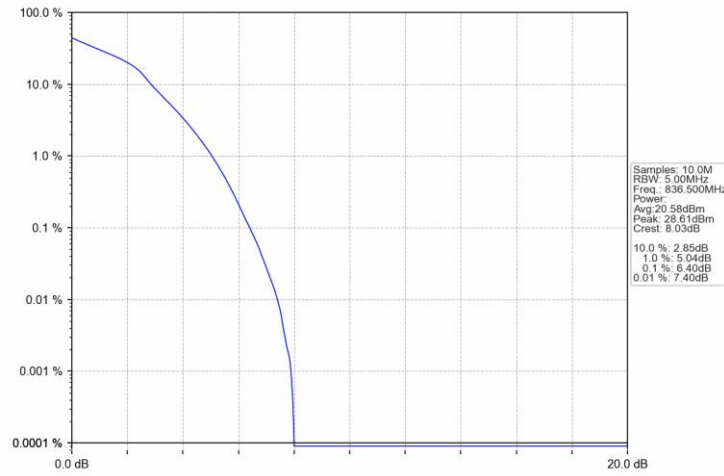
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTV



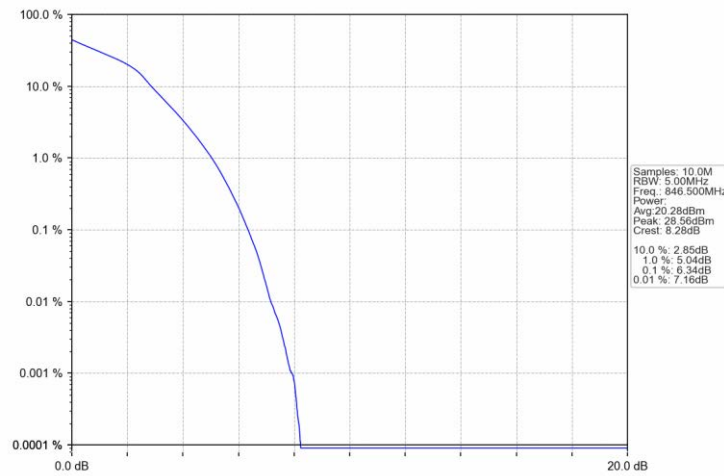
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTV



Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTV

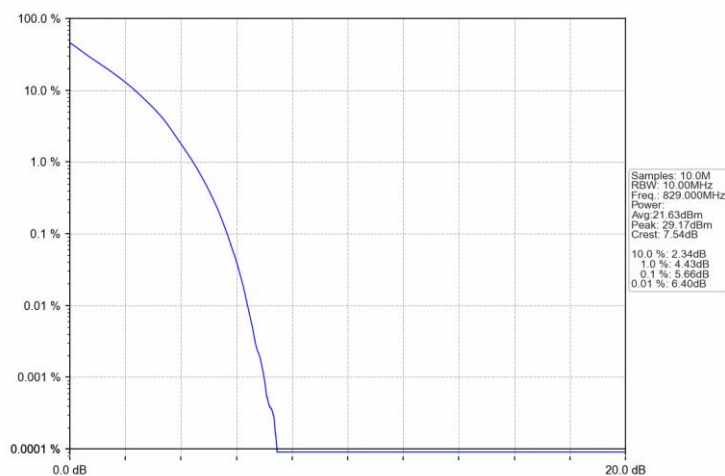


Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTV

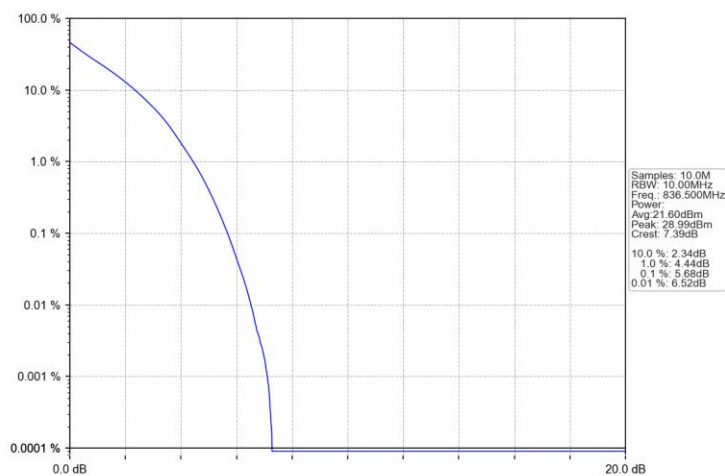


5.2.4 B5_10MHz

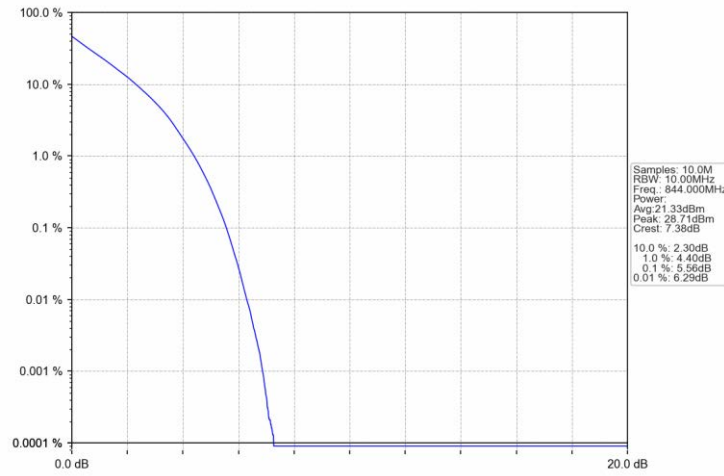
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



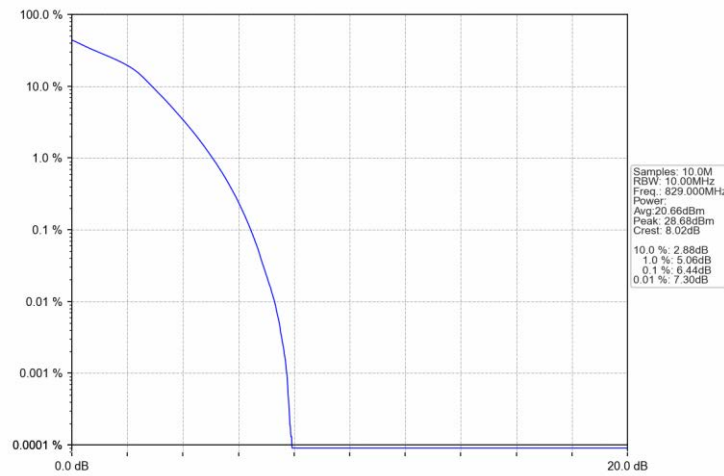
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



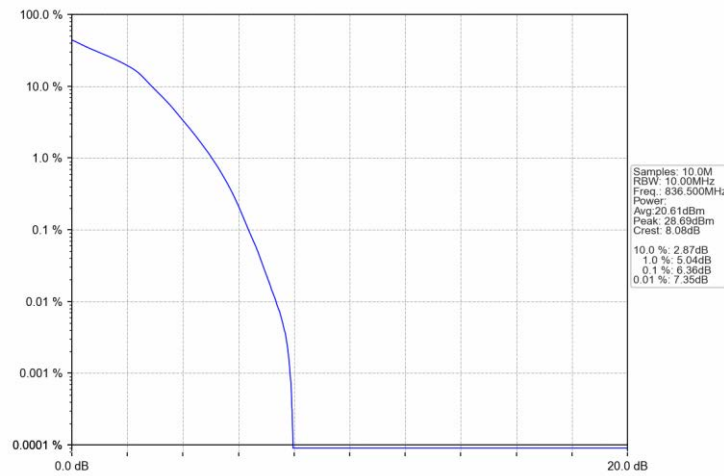
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



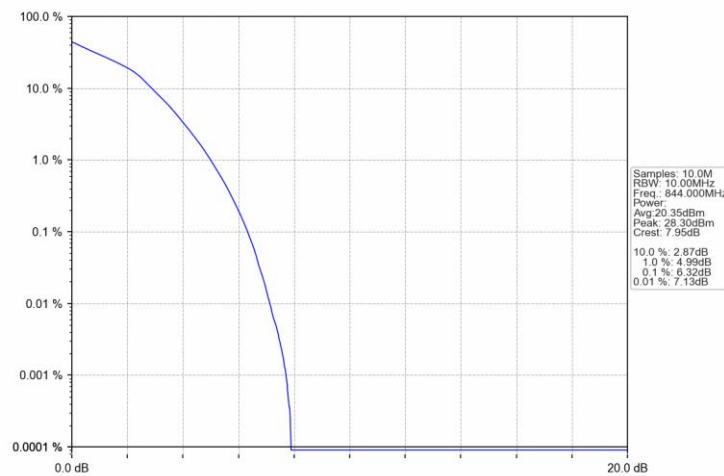
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTVN



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTVN



6. Spurious Emission

6.1 Test Result

6.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTVN						
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

6.1.2 B5_3MHz

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

6.1.3 B5_5MHz

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

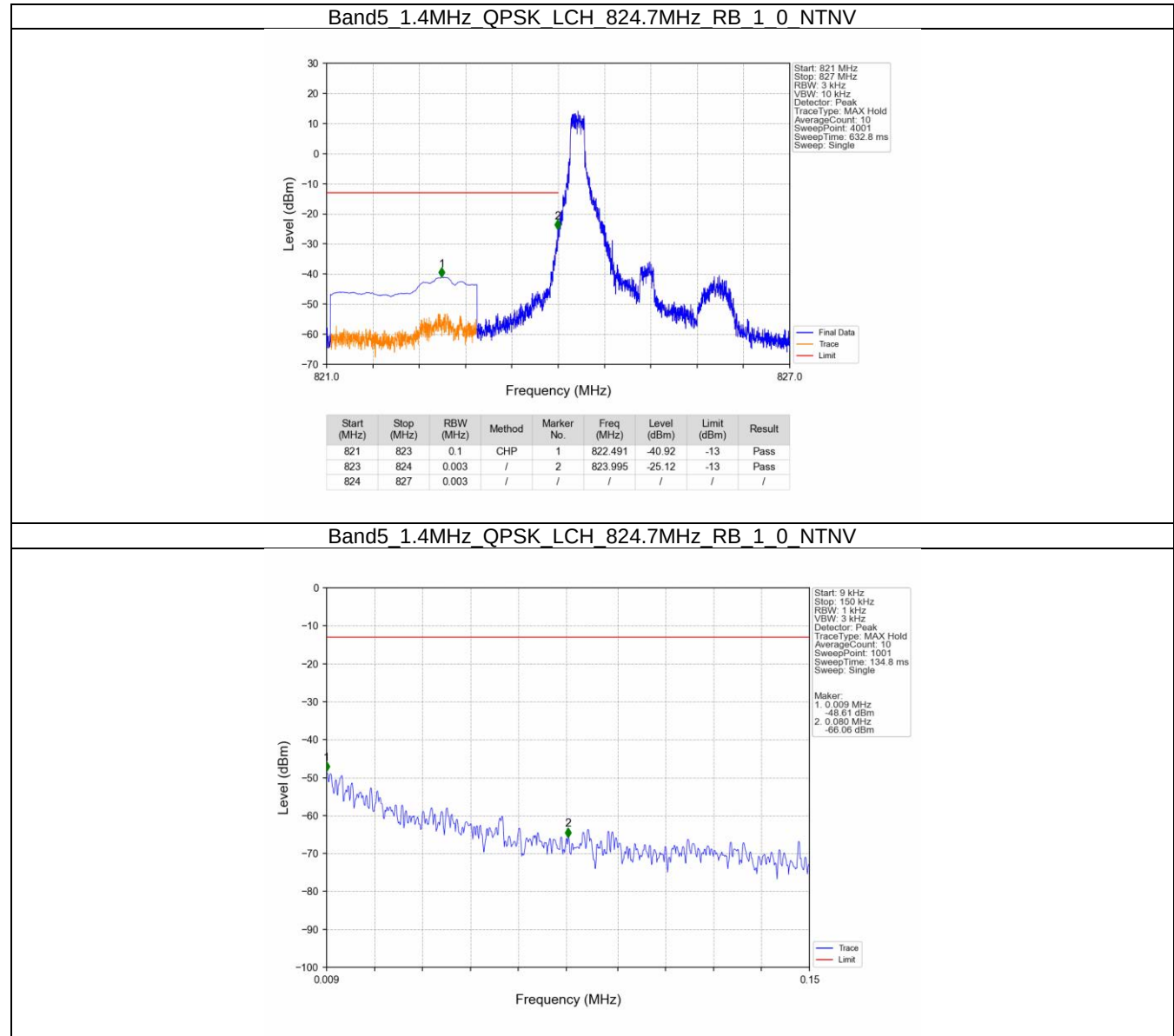
	836.5	1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B5_10MHz

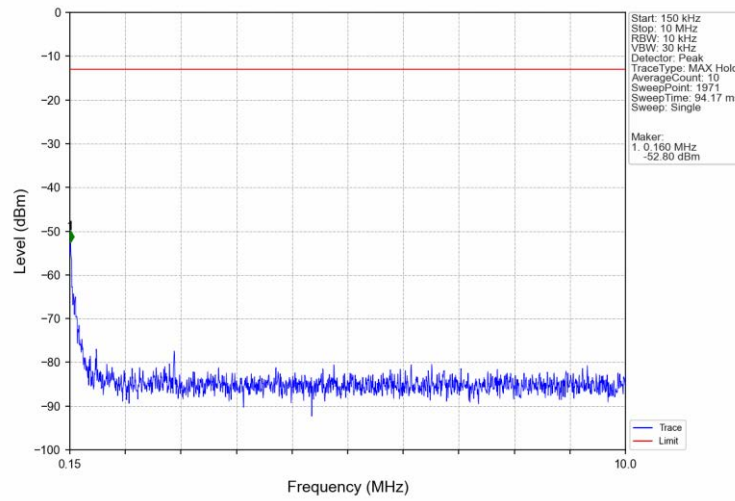
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

6.2 Test Graph

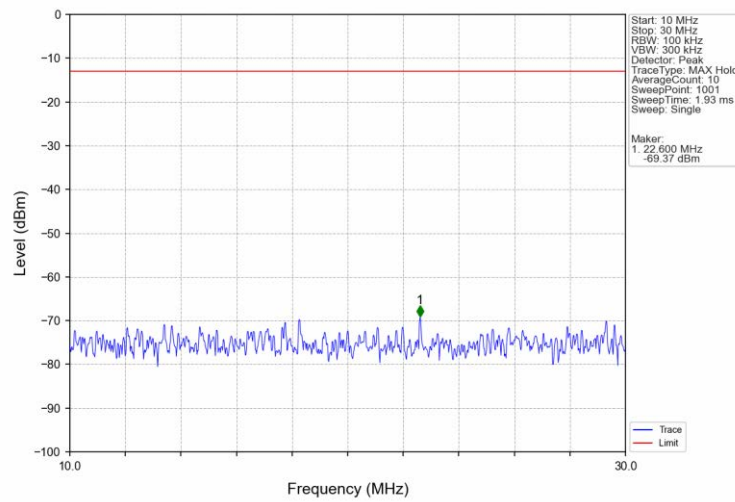
6.2.1 B5_1.4MHz



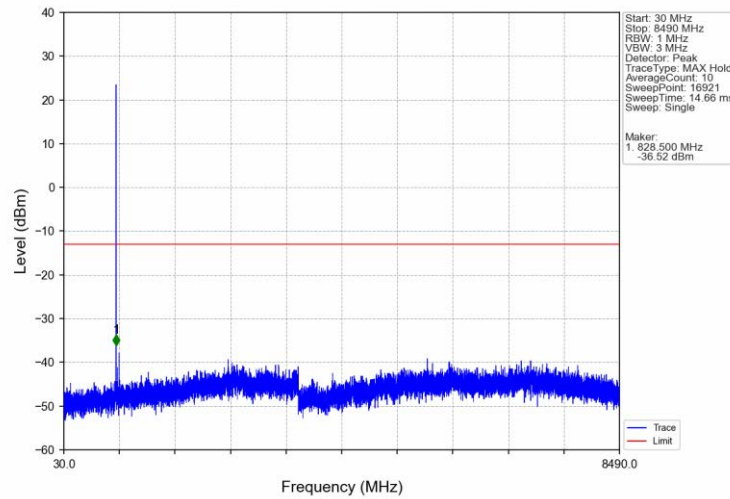
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN



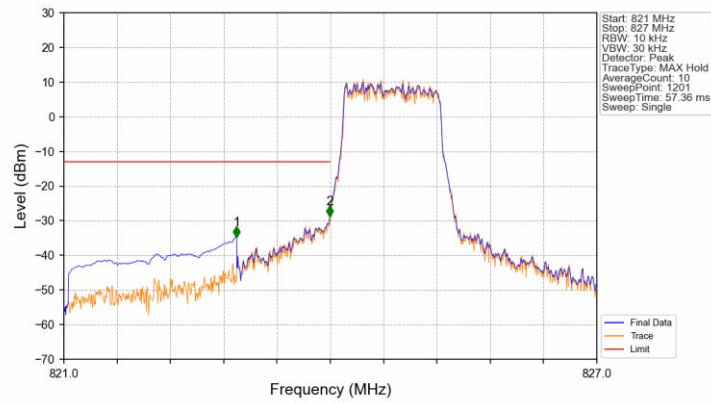
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN



Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN

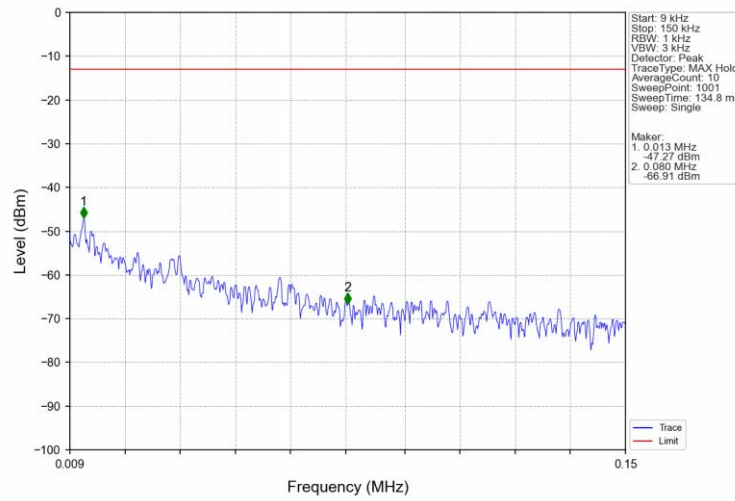


Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTN

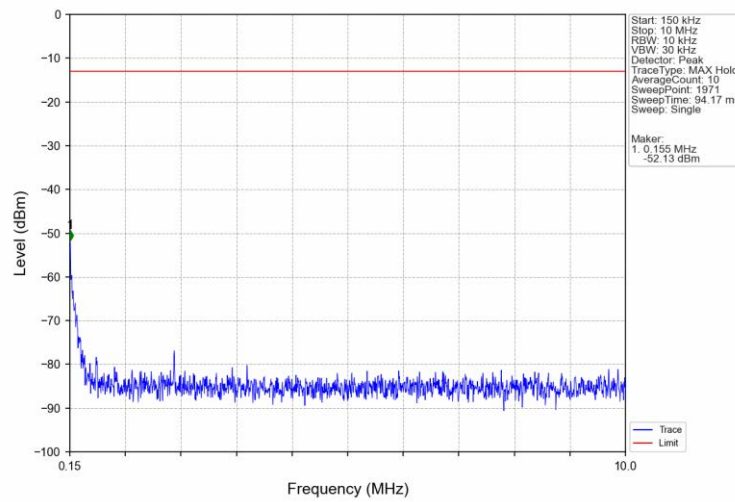


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-34.74	-13	Pass
823	824	0.013	CHP	2	823.995	-28.78	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

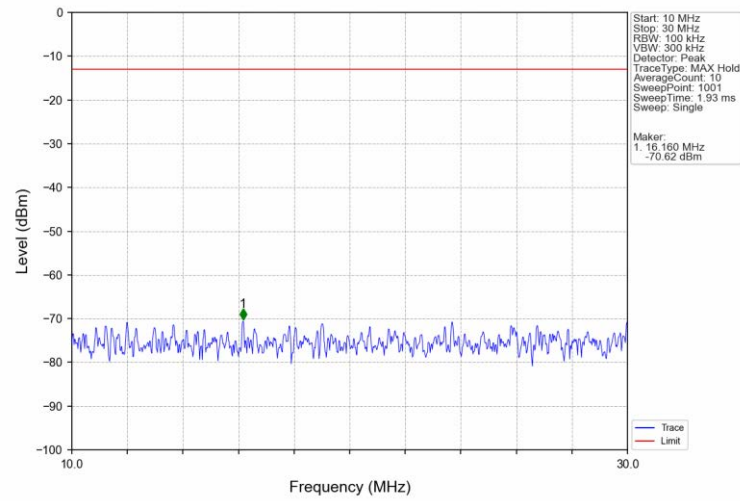
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



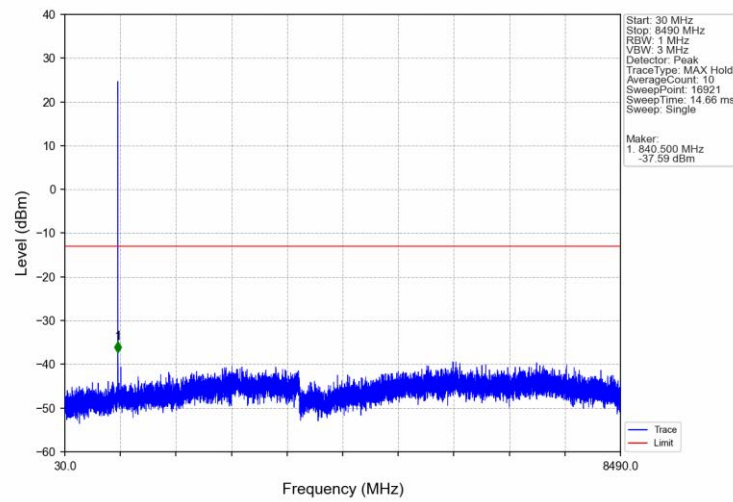
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



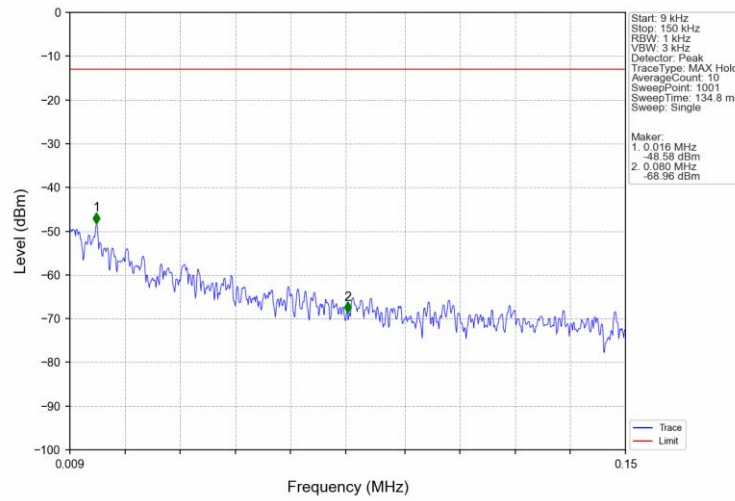
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



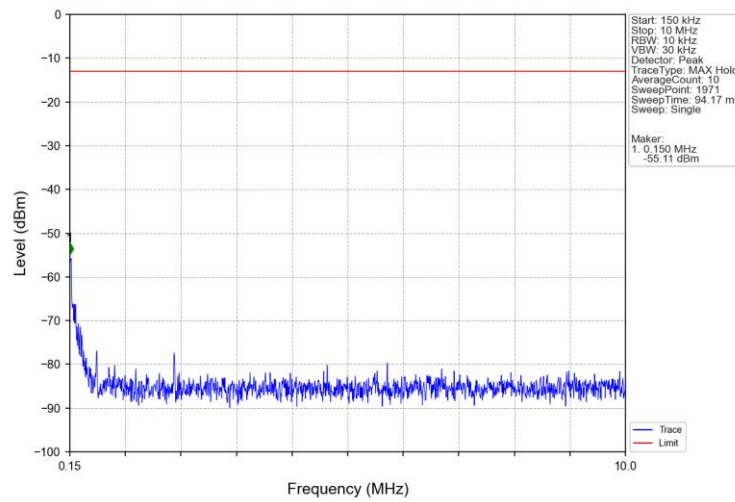
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



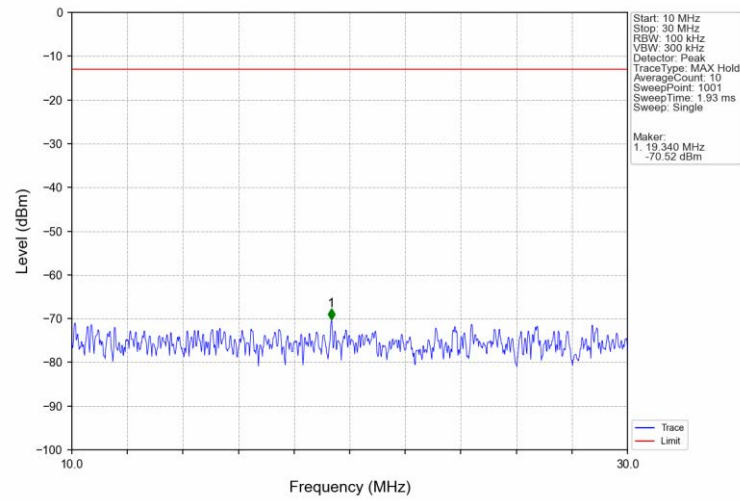
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV



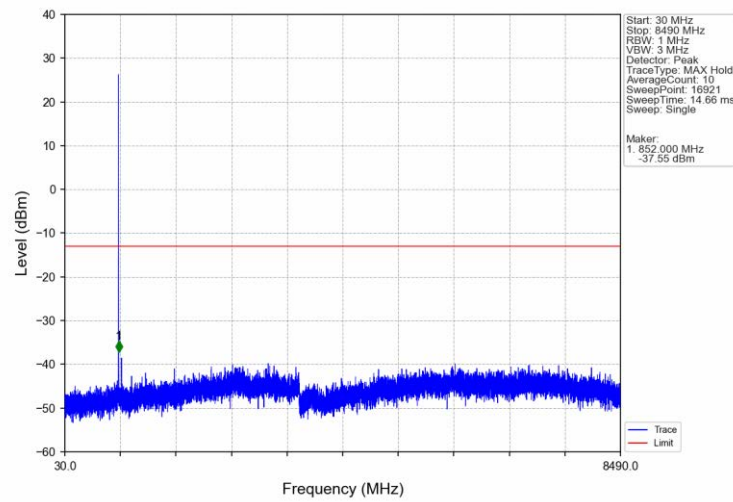
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV



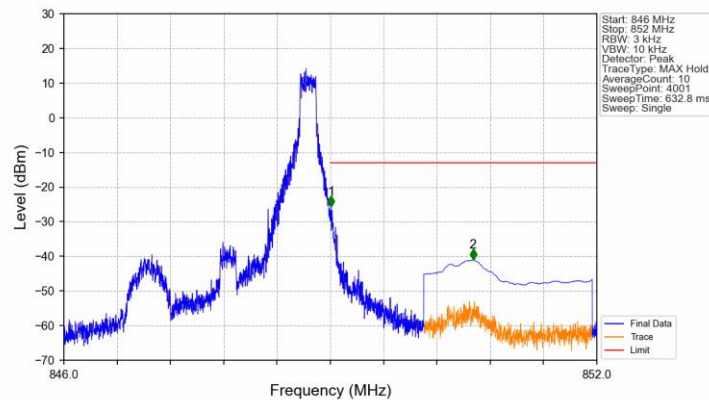
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV



Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV

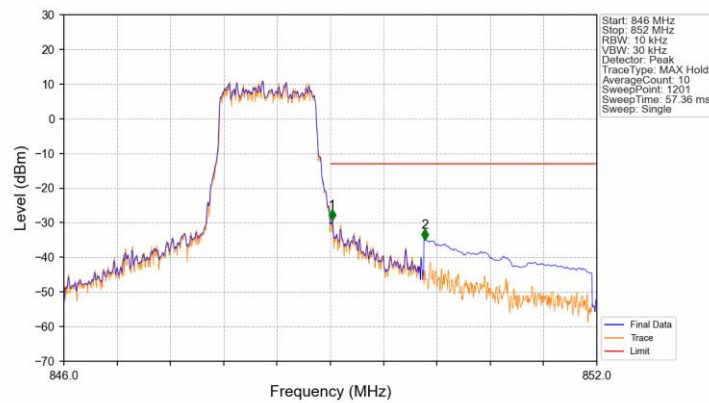


Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTNV



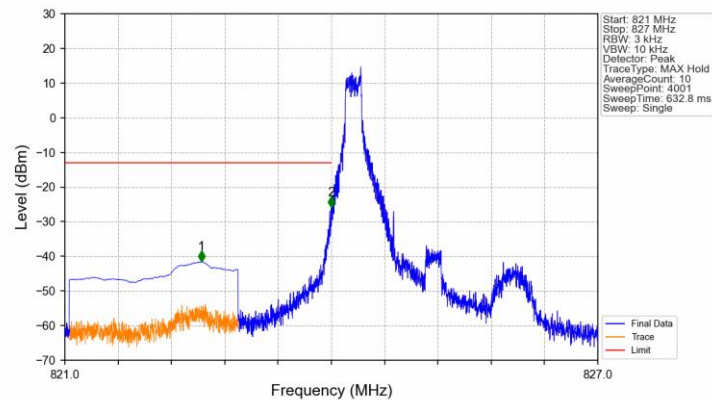
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-25.62	-13	Pass
850	852	0.1	CHP	2	850.606	-41.03	-13	Pass

Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



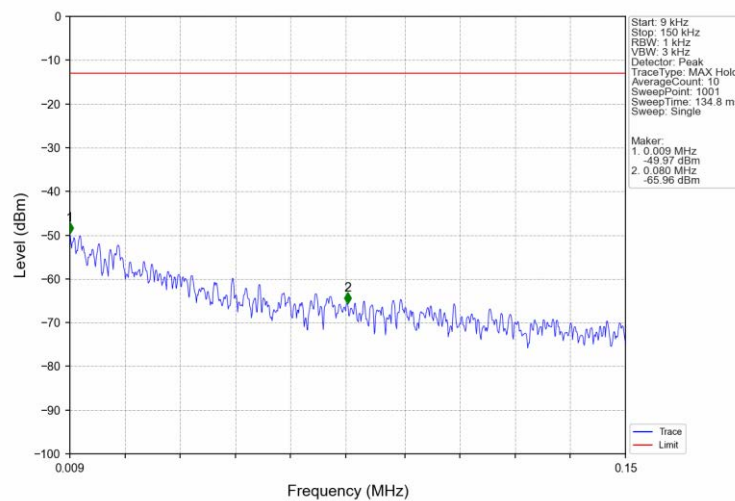
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.020	-29.35	-13	Pass
850	852	0.1	CHP	2	850.065	-34.89	-13	Pass

Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTV

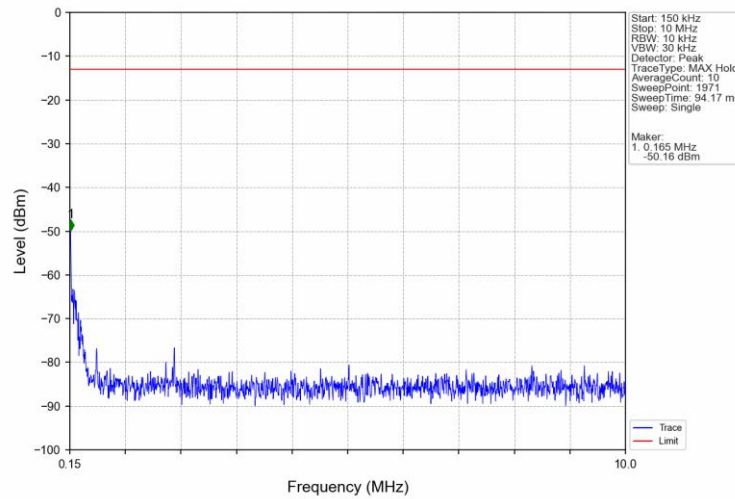


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.538	-41.55	-13	Pass
823	824	0.003	/	2	823.999	-25.78	-13	Pass
824	827	0.003	/	/	/	/	/	/

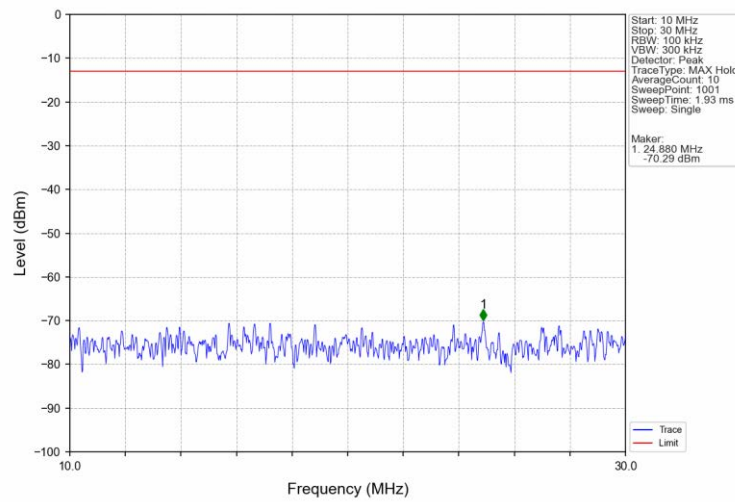
Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTV



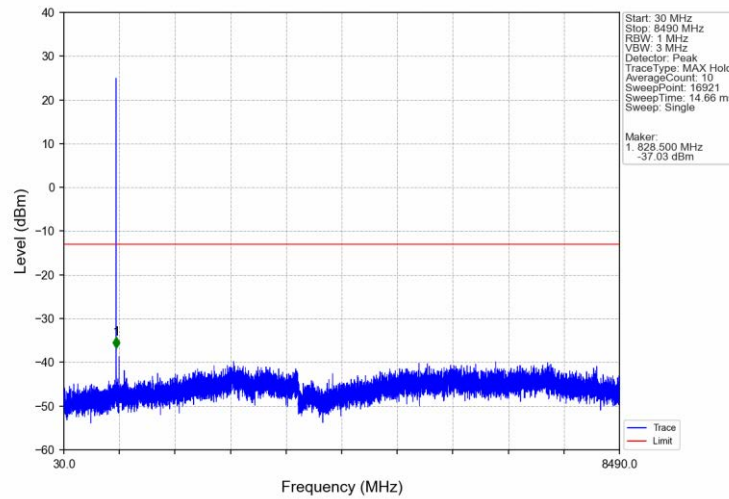
Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTNV



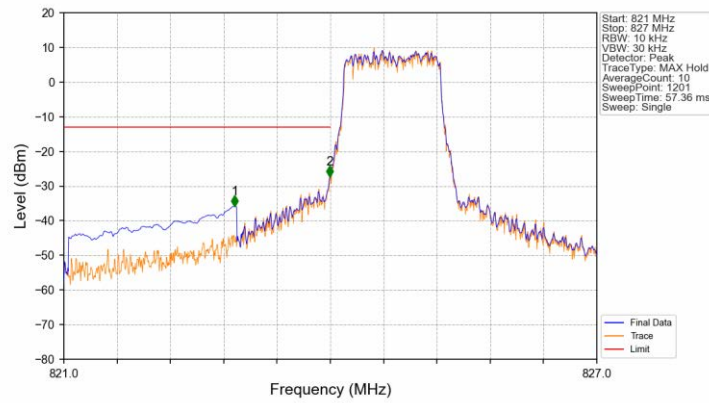
Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTNV



Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTNV

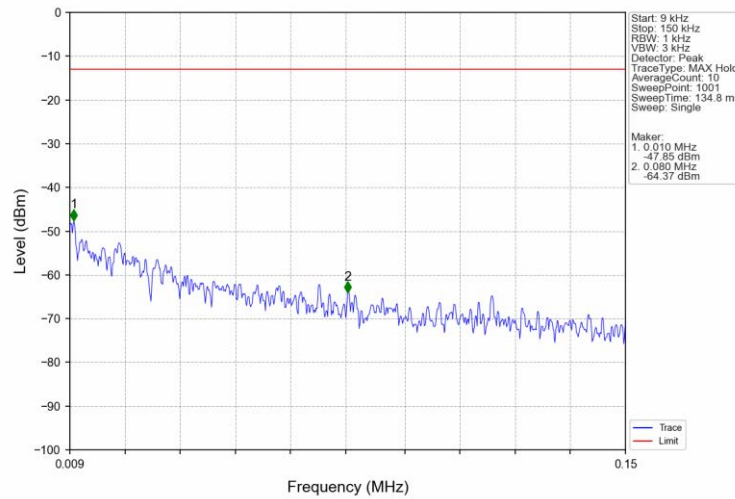


Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV

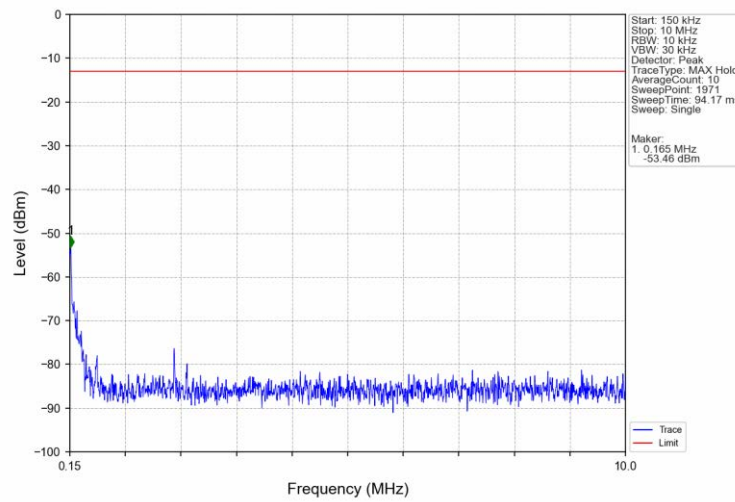


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.925	-35.82	-13	Pass
823	824	0.013	CHP	2	823.995	-27.35	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

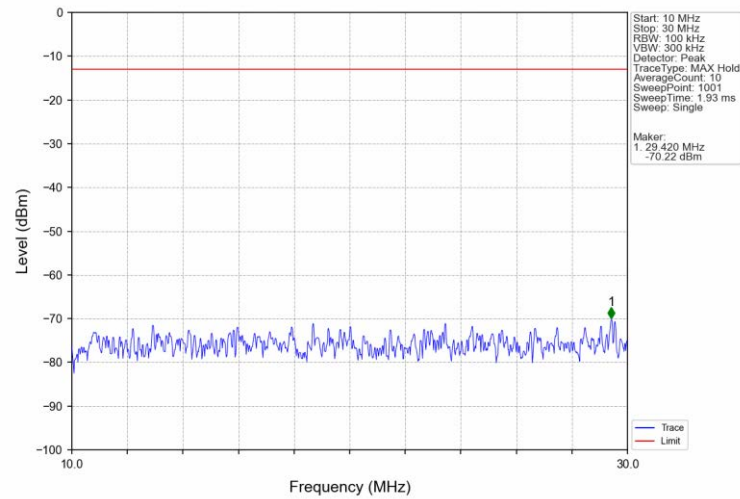
Band5 1.4MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



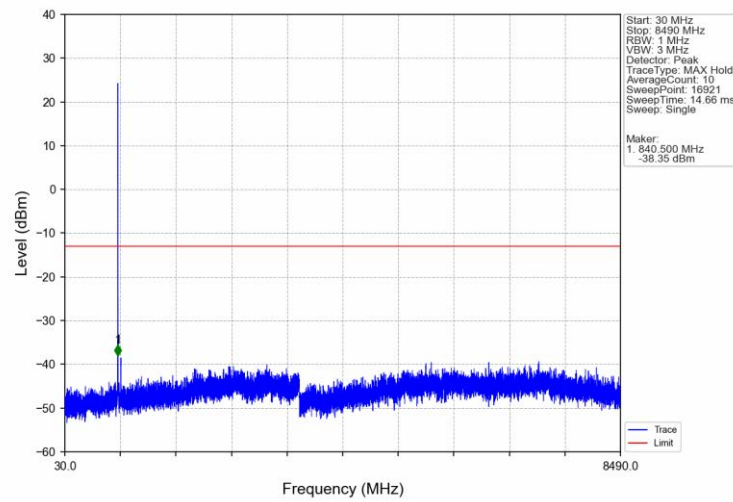
Band5 1.4MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



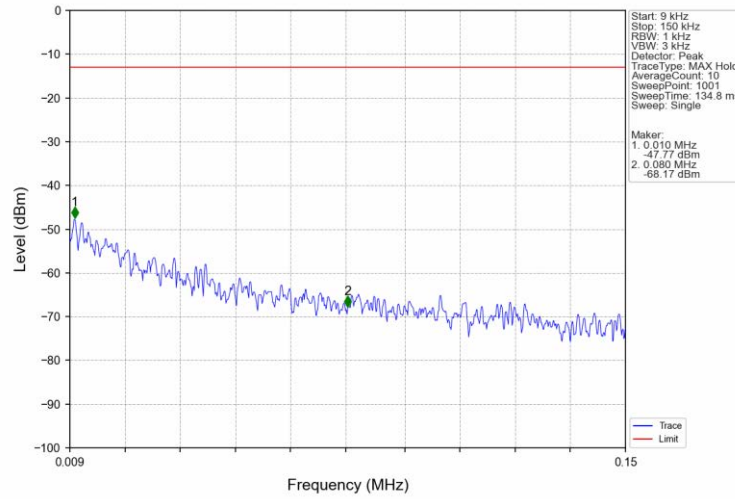
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



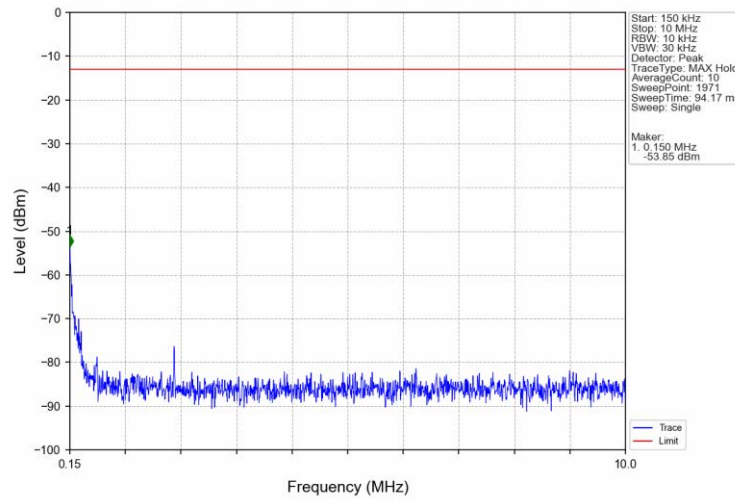
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



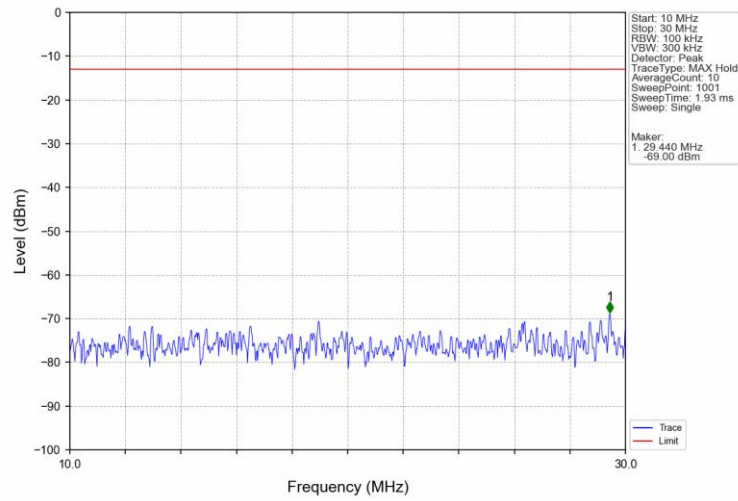
Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 0 NTNV



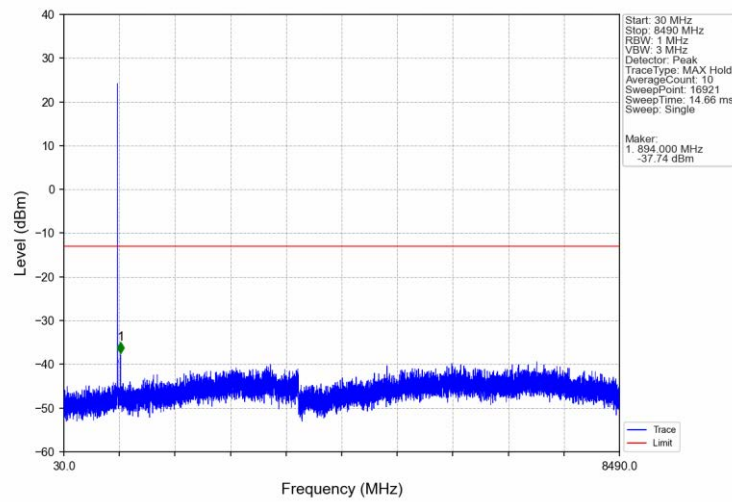
Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 0 NTNV



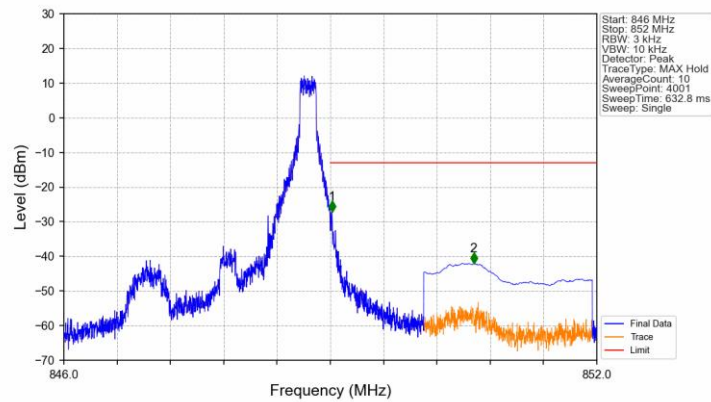
Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 0 NTV



Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 0 NTV

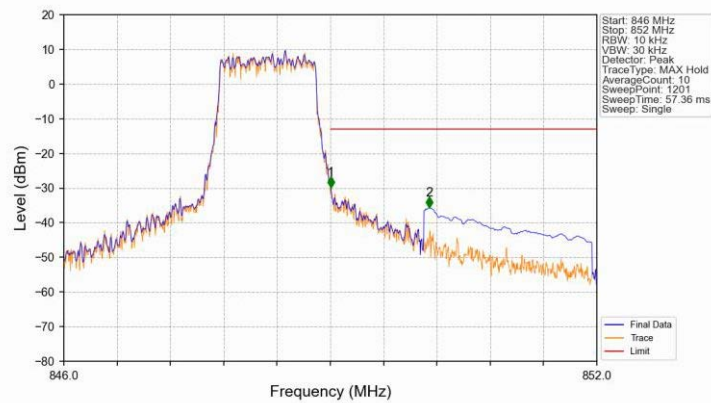


Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 5 NTNV



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	849.018	-27.14	-13	Pass
850	852	0.1	CHP	2	850.614	-42.01	-13	Pass

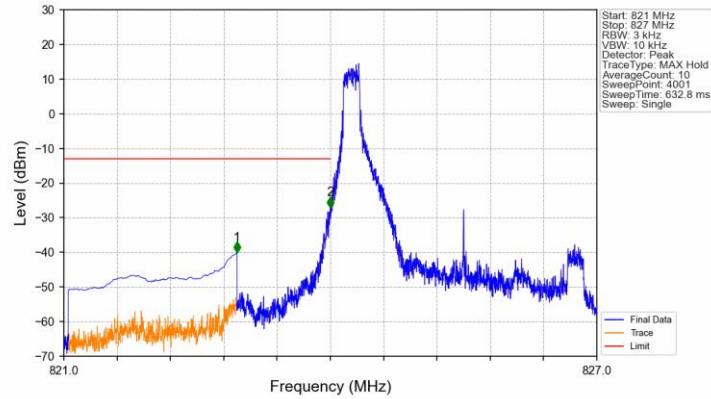
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.005	-29.85	-13	Pass
850	852	0.1	CHP	2	850.115	-35.72	-13	Pass

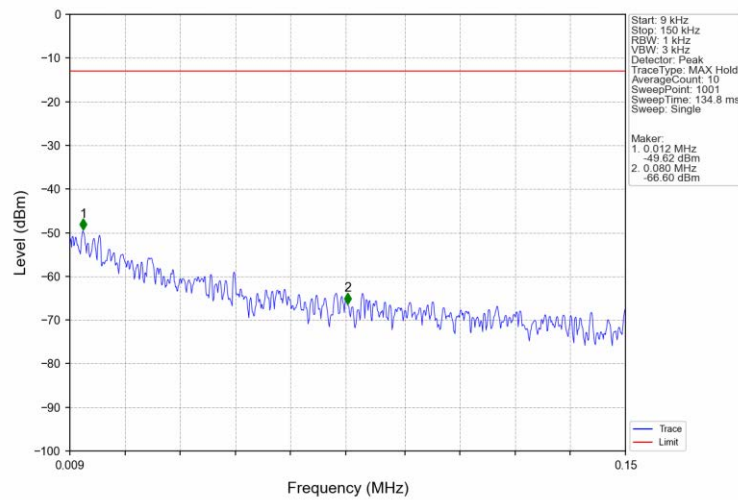
6.2.2 B5_3MHz

Band5 3MHz QPSK LCH 825.5MHz RB 1 0 NTN

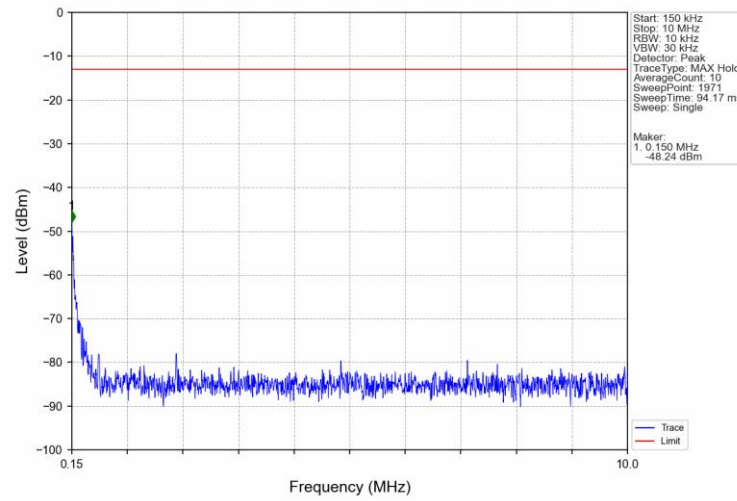


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-40.01	-13	Pass
823	824	0.003	/	2	823.999	-27.05	-13	Pass
824	827	0.003	/	/	/	/	/	/

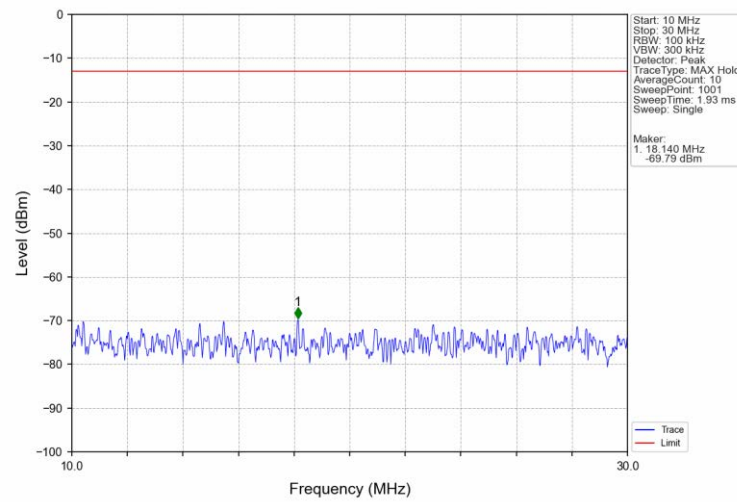
Band5 3MHz QPSK LCH 825.5MHz RB 1 0 NTN



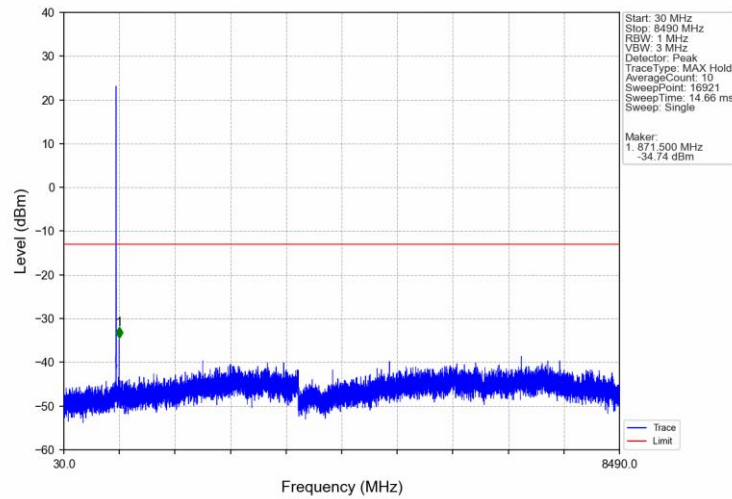
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



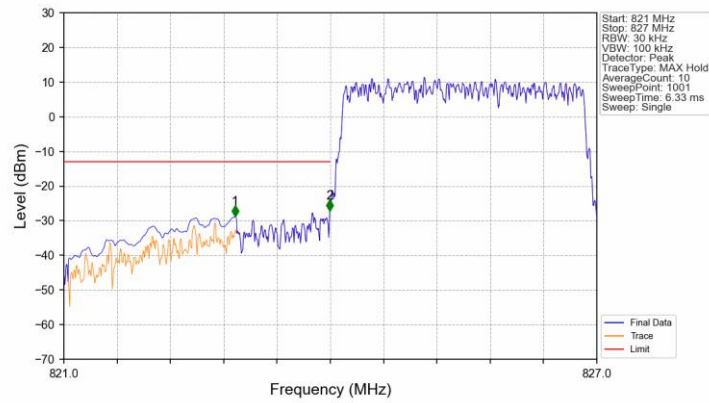
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



Band5 3MHz QPSK LCH 825.5MHz RB 1 0 NTNV

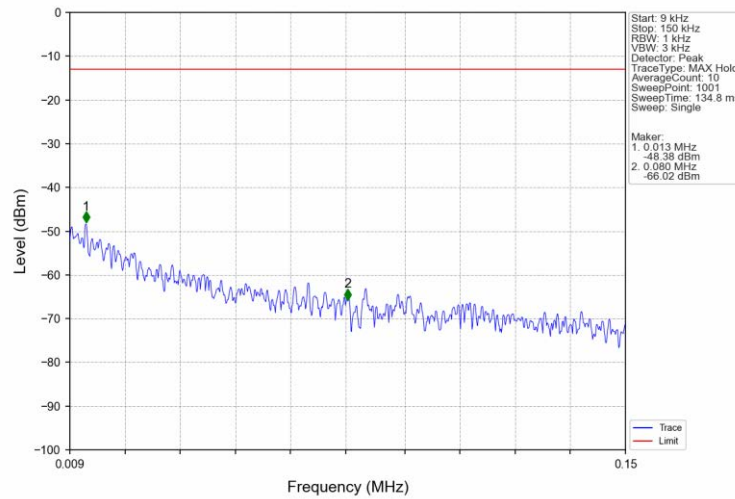


Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTNV

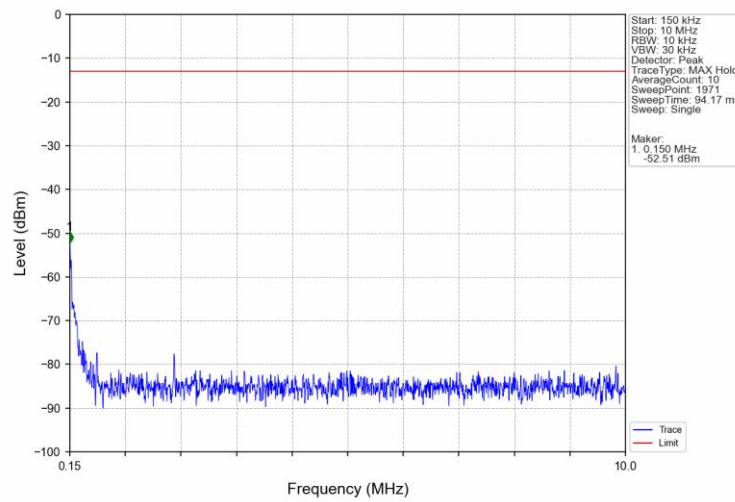


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.926	-28.86	-13	Pass
823	824	0.03	/	2	823.994	-27.21	-13	Pass
824	827	0.03	/	/	/	/	/	/

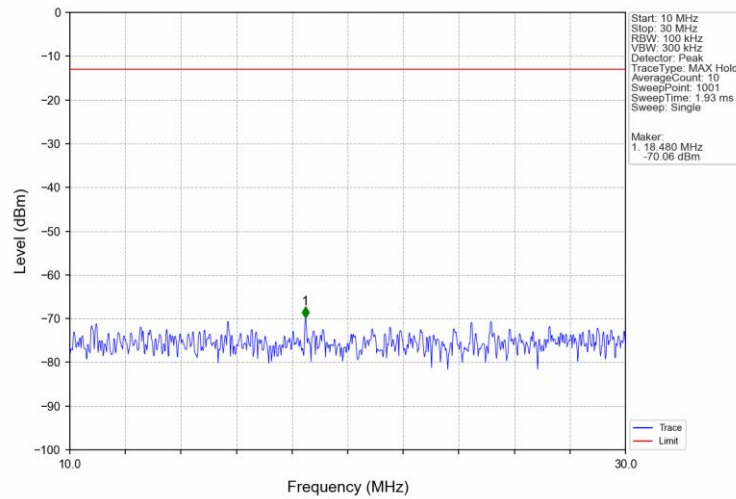
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTN



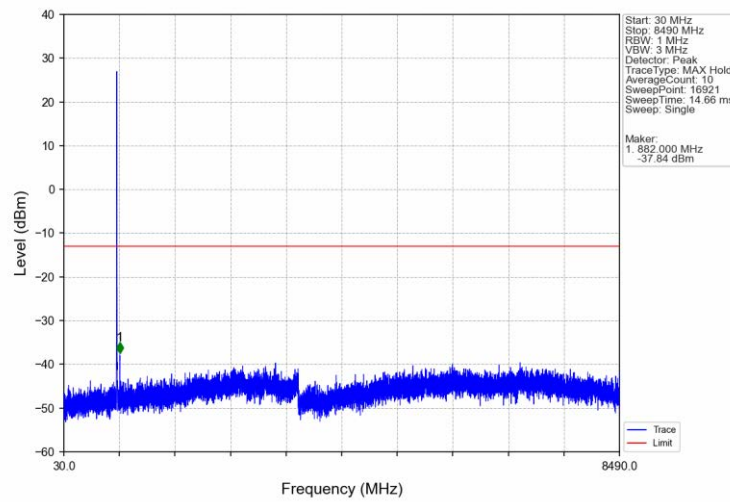
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTN



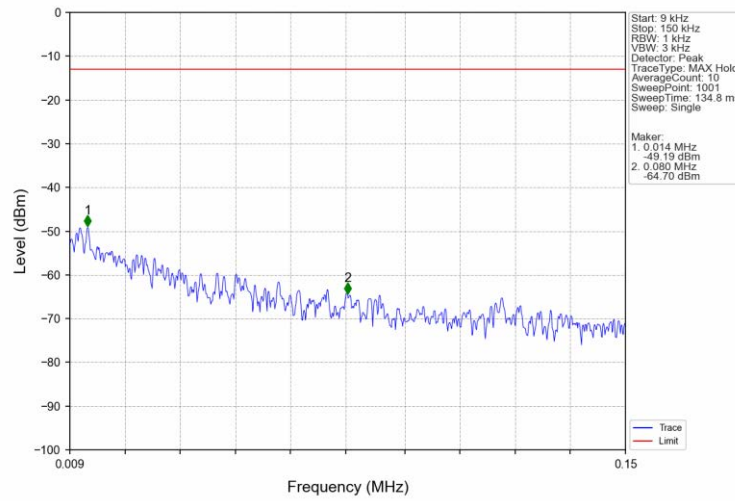
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTN



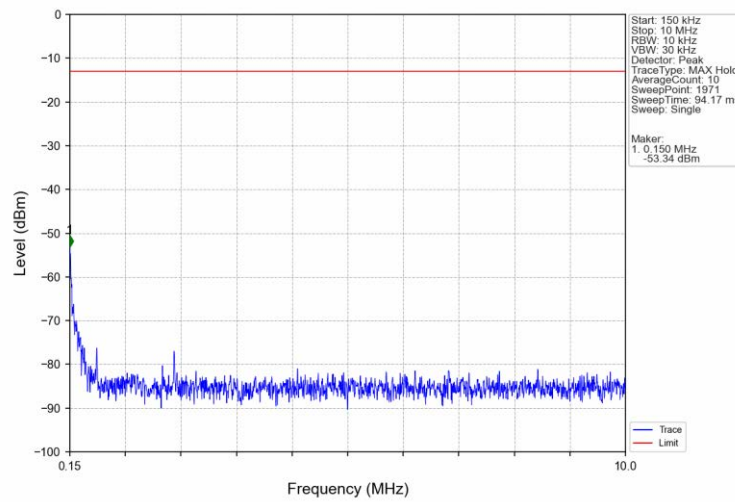
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTN



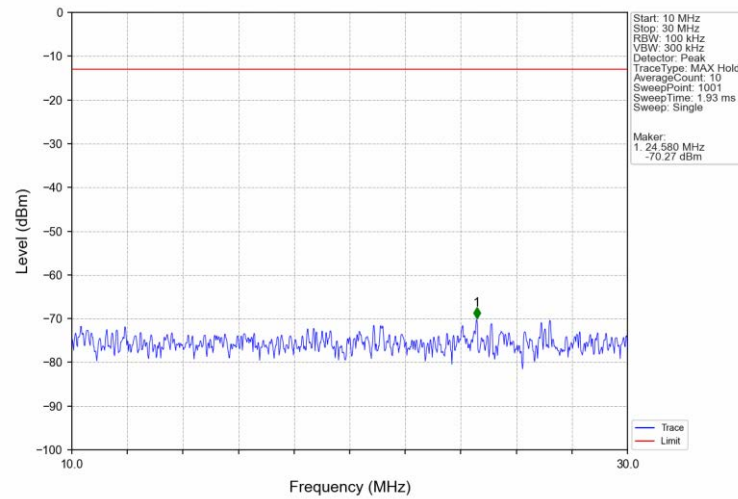
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



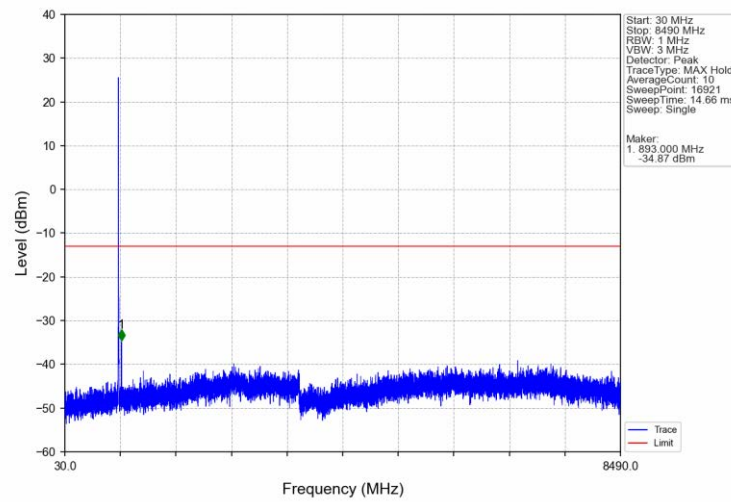
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



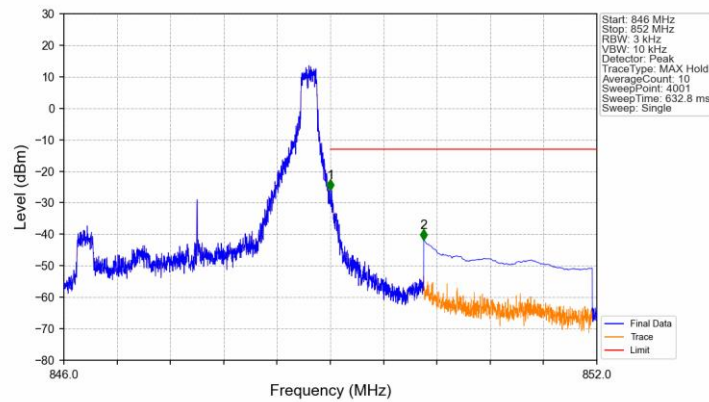
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

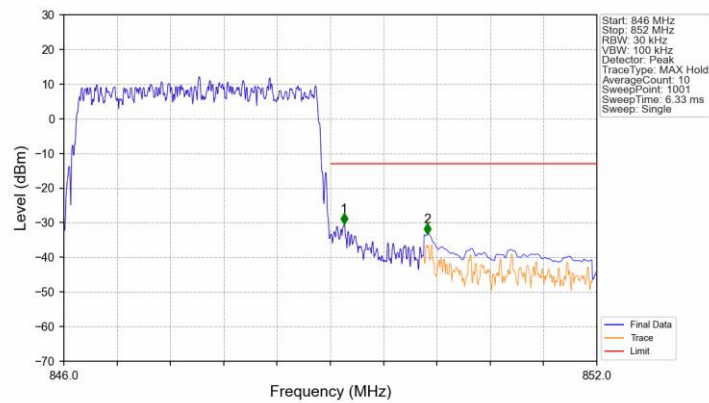


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



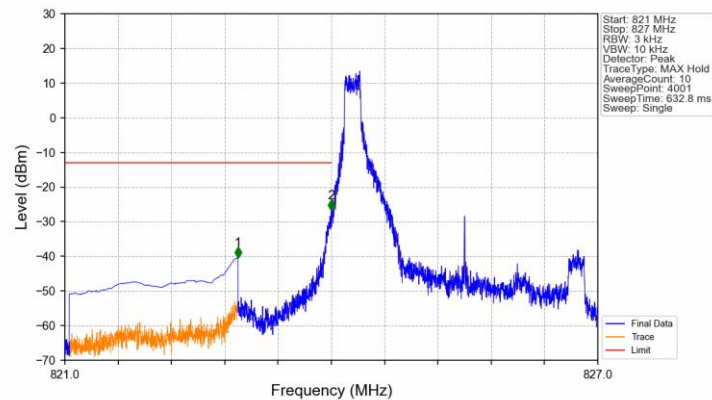
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-26.06	-13	Pass
850	852	0.1	CHP	2	850.052	-41.90	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



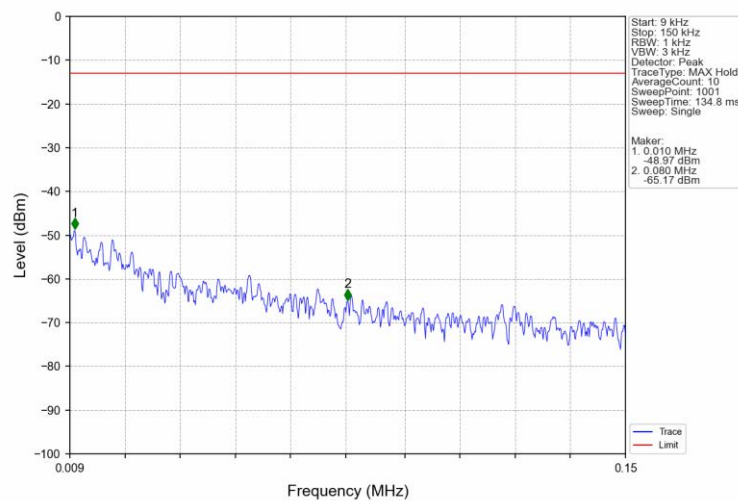
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.156	-30.48	-13	Pass
850	852	0.1	CHP	2	850.092	-33.30	-13	Pass

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

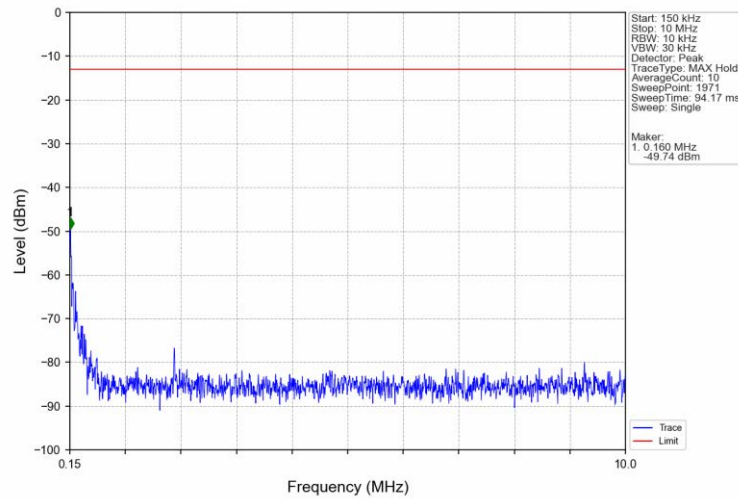


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-40.40	-13	Pass
823	824	0.003	/	2	823.999	-26.82	-13	Pass
824	827	0.003	/	/	/	/	/	/

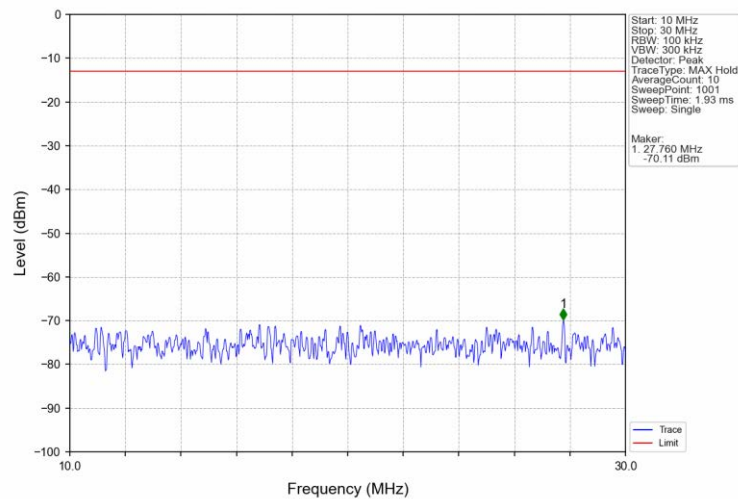
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



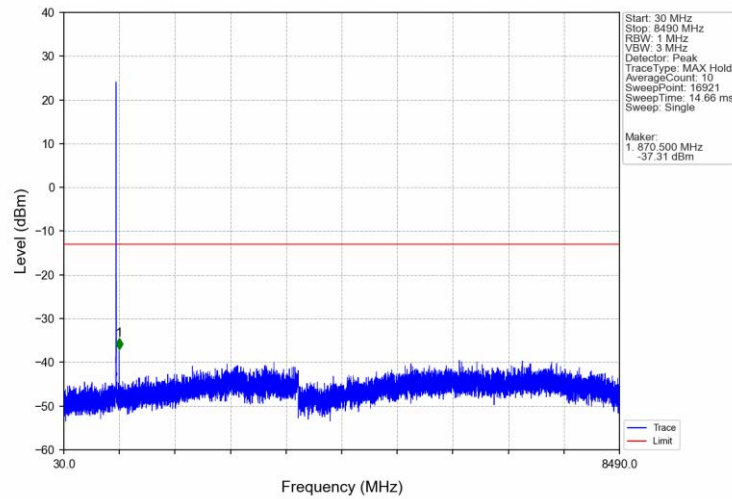
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



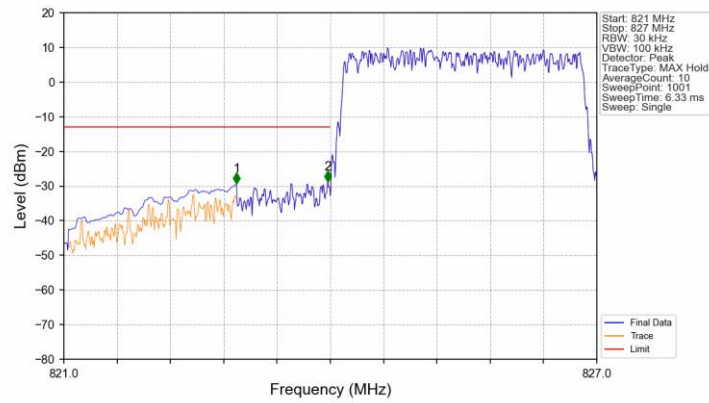
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

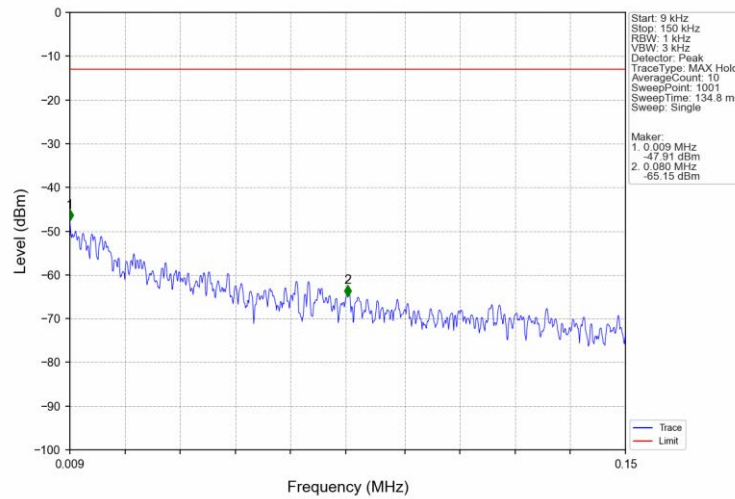


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

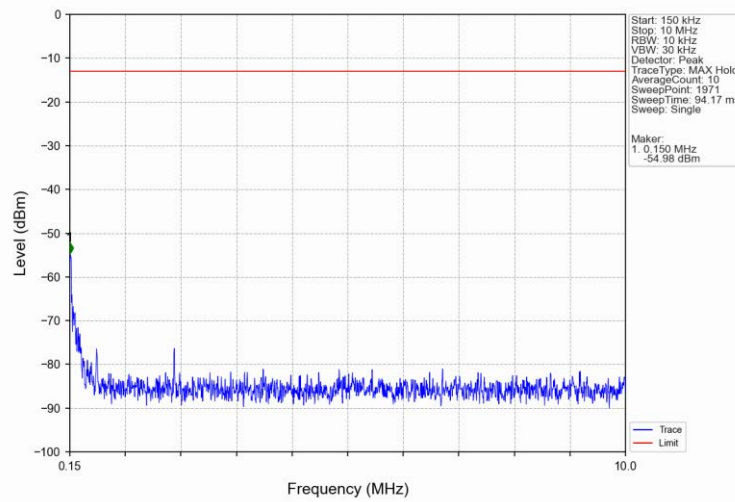


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-29.38	-13	Pass
823	824	0.03	/	2	823.970	-28.79	-13	Pass
824	827	0.03	/	/	/	/	/	/

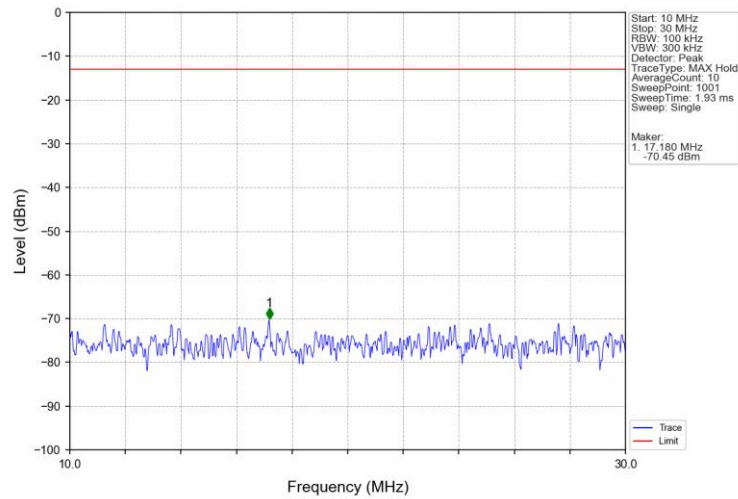
Band5 3MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



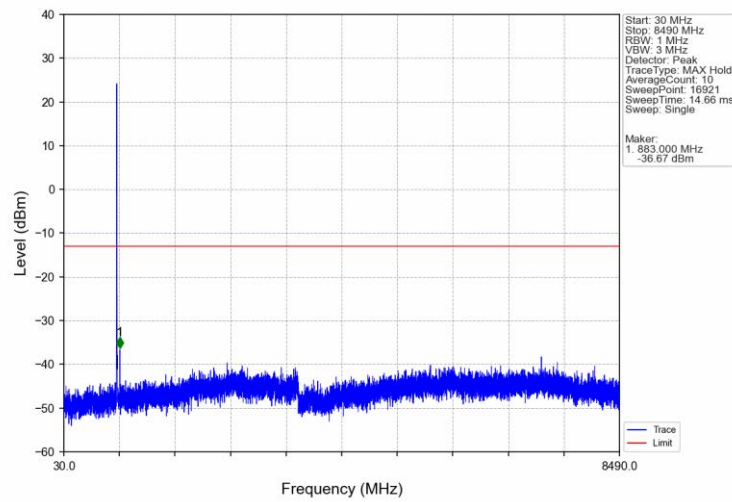
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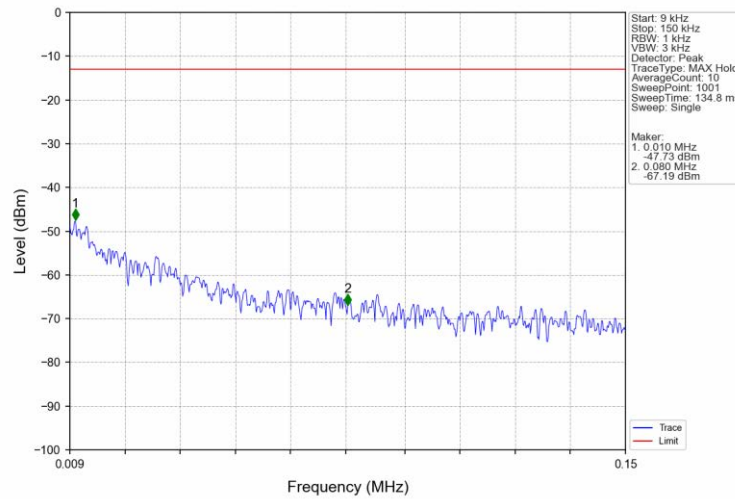
Band5 3MHz 16QAM MCH 836.5MHz RB 1 0 NTN



Band5 3MHz 16QAM MCH 836.5MHz RB 1 0 NTN



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV

