

1. Effective (Isotropic) Radiated Power Output Data

1.1 B5_1.4MHz_ERP

1.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	20.05	0.00	17.90	<=38.45	Pass
			2	20.17	0.00	18.02	<=38.45	Pass
			5	19.99	0.00	17.84	<=38.45	Pass
		3	0	20.20	0.00	18.05	<=38.45	Pass
			2	20.18	0.00	18.03	<=38.45	Pass
			3	20.17	0.00	18.02	<=38.45	Pass
		6	0	19.07	0.00	16.92	<=38.45	Pass
	836.5	1	0	19.90	0.00	17.75	<=38.45	Pass
			2	19.98	0.00	17.83	<=38.45	Pass
			5	19.86	0.00	17.71	<=38.45	Pass
		3	0	20.28	0.00	18.13	<=38.45	Pass
			2	20.16	0.00	18.01	<=38.45	Pass
			3	20.14	0.00	17.99	<=38.45	Pass
		6	0	18.98	0.00	16.83	<=38.45	Pass
	848.3	1	0	19.96	0.00	17.81	<=38.45	Pass
			2	20.06	0.00	17.91	<=38.45	Pass
			5	19.90	0.00	17.75	<=38.45	Pass
		3	0	20.09	0.00	17.94	<=38.45	Pass
			2	20.14	0.00	17.99	<=38.45	Pass
			3	20.13	0.00	17.98	<=38.45	Pass
		6	0	19.01	0.00	16.86	<=38.45	Pass
16QAM	824.7	1	0	19.25	0.00	17.10	<=38.45	Pass
			2	19.38	0.00	17.23	<=38.45	Pass
			5	19.21	0.00	17.06	<=38.45	Pass
		3	0	19.24	0.00	17.09	<=38.45	Pass
			2	19.24	0.00	17.09	<=38.45	Pass
			3	19.23	0.00	17.08	<=38.45	Pass
		6	0	18.17	0.00	16.02	<=38.45	Pass
	836.5	1	0	19.10	0.00	16.95	<=38.45	Pass
			2	19.29	0.00	17.14	<=38.45	Pass
			5	19.11	0.00	16.96	<=38.45	Pass
		3	0	19.53	0.00	17.38	<=38.45	Pass
			2	19.52	0.00	17.37	<=38.45	Pass
			3	19.54	0.00	17.39	<=38.45	Pass
		6	0	18.16	0.00	16.01	<=38.45	Pass
	848.3	1	0	19.06	0.00	16.91	<=38.45	Pass
			2	19.16	0.00	17.01	<=38.45	Pass
			5	19.10	0.00	16.95	<=38.45	Pass
		3	0	19.20	0.00	17.05	<=38.45	Pass
			2	19.22	0.00	17.07	<=38.45	Pass
			3	19.28	0.00	17.13	<=38.45	Pass
		6	0	18.04	0.00	15.89	<=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	20.13	0.00	17.98	<=38.45	Pass	
			7	20.19	0.00	18.04	<=38.45	Pass	
			14	20.10	0.00	17.95	<=38.45	Pass	
		8	0	19.09	0.00	16.94	<=38.45	Pass	
			4	19.12	0.00	16.97	<=38.45	Pass	
			7	19.11	0.00	16.96	<=38.45	Pass	
		15	0	19.12	0.00	16.97	<=38.45	Pass	
		836.5	1	0	19.97	0.00	17.82	<=38.45	Pass
				7	20.02	0.00	17.87	<=38.45	Pass
	14			19.96	0.00	17.81	<=38.45	Pass	
	8		0	19.05	0.00	16.90	<=38.45	Pass	
			4	19.06	0.00	16.91	<=38.45	Pass	
			7	19.01	0.00	16.86	<=38.45	Pass	
	15	0	19.09	0.00	16.94	<=38.45	Pass		
	847.5	1	0	20.06	0.00	17.91	<=38.45	Pass	
			7	20.14	0.00	17.99	<=38.45	Pass	
			14	19.90	0.00	17.75	<=38.45	Pass	
		8	0	19.09	0.00	16.94	<=38.45	Pass	
			4	19.08	0.00	16.93	<=38.45	Pass	
			7	18.95	0.00	16.80	<=38.45	Pass	
		15	0	19.11	0.00	16.96	<=38.45	Pass	
16QAM	825.5	1	0	19.24	0.00	17.09	<=38.45	Pass	
			7	19.34	0.00	17.19	<=38.45	Pass	
			14	19.16	0.00	17.01	<=38.45	Pass	
		8	0	18.23	0.00	16.08	<=38.45	Pass	
			4	18.25	0.00	16.10	<=38.45	Pass	
			7	18.21	0.00	16.06	<=38.45	Pass	
		15	0	18.19	0.00	16.04	<=38.45	Pass	
	836.5	1	0	19.35	0.00	17.20	<=38.45	Pass	
			7	19.41	0.00	17.26	<=38.45	Pass	
			14	19.31	0.00	17.16	<=38.45	Pass	
		8	0	18.16	0.00	16.01	<=38.45	Pass	
			4	18.19	0.00	16.04	<=38.45	Pass	
			7	18.13	0.00	15.98	<=38.45	Pass	
		15	0	18.20	0.00	16.05	<=38.45	Pass	
	847.5	1	0	19.71	0.00	17.56	<=38.45	Pass	
			7	19.87	0.00	17.72	<=38.45	Pass	
			14	19.67	0.00	17.52	<=38.45	Pass	
		8	0	18.29	0.00	16.14	<=38.45	Pass	
			4	18.30	0.00	16.15	<=38.45	Pass	
			7	18.24	0.00	16.09	<=38.45	Pass	
		15	0	18.20	0.00	16.05	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.3 B5_5MHz_ERP

1.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	20.04	0.00	17.89	<=38.45	Pass
			13	20.21	0.00	18.06	<=38.45	Pass
			24	19.94	0.00	17.79	<=38.45	Pass

	836.5	12	0	19.03	0.00	16.88	<=38.45	Pass	
			6	19.15	0.00	17.00	<=38.45	Pass	
			13	19.19	0.00	17.04	<=38.45	Pass	
		25	0	19.11	0.00	16.96	<=38.45	Pass	
		1	0	19.93	0.00	17.78	<=38.45	Pass	
			13	20.02	0.00	17.87	<=38.45	Pass	
			24	19.87	0.00	17.72	<=38.45	Pass	
			12	0	19.17	0.00	17.02	<=38.45	Pass
				6	19.18	0.00	17.03	<=38.45	Pass
	13			19.13	0.00	16.98	<=38.45	Pass	
	25	0	19.22	0.00	17.07	<=38.45	Pass		
	846.5	1	0	20.00	0.00	17.85	<=38.45	Pass	
			13	20.12	0.00	17.97	<=38.45	Pass	
			24	19.88	0.00	17.73	<=38.45	Pass	
		12	0	19.10	0.00	16.95	<=38.45	Pass	
			6	19.19	0.00	17.04	<=38.45	Pass	
			13	18.90	0.00	16.75	<=38.45	Pass	
		25	0	19.01	0.00	16.86	<=38.45	Pass	

16QAM	826.5	1	0	19.22	0.00	17.07	<=38.45	Pass
			13	19.33	0.00	17.18	<=38.45	Pass
			24	19.18	0.00	17.03	<=38.45	Pass
		12	0	17.99	0.00	15.84	<=38.45	Pass
			6	18.15	0.00	16.00	<=38.45	Pass
			13	18.15	0.00	16.00	<=38.45	Pass
		25	0	18.12	0.00	15.97	<=38.45	Pass
	836.5	1	0	19.38	0.00	17.23	<=38.45	Pass
			13	19.52	0.00	17.37	<=38.45	Pass
			24	19.40	0.00	17.25	<=38.45	Pass
		12	0	18.28	0.00	16.13	<=38.45	Pass
			6	18.35	0.00	16.20	<=38.45	Pass
			13	18.32	0.00	16.17	<=38.45	Pass
		25	0	18.32	0.00	16.17	<=38.45	Pass
	846.5	1	0	18.96	0.00	16.81	<=38.45	Pass
			13	19.05	0.00	16.90	<=38.45	Pass
			24	18.92	0.00	16.77	<=38.45	Pass
		12	0	18.08	0.00	15.93	<=38.45	Pass
			6	18.15	0.00	16.00	<=38.45	Pass
			13	17.95	0.00	15.80	<=38.45	Pass
		25	0	18.03	0.00	15.88	<=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 / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	20.02	0.00	17.87	<=38.45	Pass
			25	20.20	0.00	18.05	<=38.45	Pass
			49	19.94	0.00	17.79	<=38.45	Pass
		25	0	18.87	0.00	16.72	<=38.45	Pass
			13	19.08	0.00	16.93	<=38.45	Pass
			25	18.85	0.00	16.70	<=38.45	Pass
		50	0	18.89	0.00	16.74	<=38.45	Pass
	836.5	1	0	19.97	0.00	17.82	<=38.45	Pass
			25	20.03	0.00	17.88	<=38.45	Pass

		25	49	19.90	0.00	17.75	<=38.45	Pass		
			0	19.34	0.00	17.19	<=38.45	Pass		
			13	19.17	0.00	17.02	<=38.45	Pass		
			25	19.28	0.00	17.13	<=38.45	Pass		
	50	0	19.34	0.00	17.19	<=38.45	Pass			
	844	1	0	19.88	0.00	17.73	<=38.45	Pass		
			25	20.08	0.00	17.93	<=38.45	Pass		
			49	19.88	0.00	17.73	<=38.45	Pass		
		25	0	18.94	0.00	16.79	<=38.45	Pass		
			13	19.11	0.00	16.96	<=38.45	Pass		
			25	18.93	0.00	16.78	<=38.45	Pass		
		50	0	18.96	0.00	16.81	<=38.45	Pass		
		16QAM	829	1	0	19.17	0.00	17.02	<=38.45	Pass
					25	19.30	0.00	17.15	<=38.45	Pass
					49	19.02	0.00	16.87	<=38.45	Pass
				25	0	17.99	0.00	15.84	<=38.45	Pass
13					18.14	0.00	15.99	<=38.45	Pass	
25	17.90				0.00	15.75	<=38.45	Pass		
50	0			17.90	0.00	15.75	<=38.45	Pass		
836.5	1		0	19.19	0.00	17.04	<=38.45	Pass		
			25	19.43	0.00	17.28	<=38.45	Pass		
			49	19.27	0.00	17.12	<=38.45	Pass		
	25		0	18.44	0.00	16.29	<=38.45	Pass		
			13	18.32	0.00	16.17	<=38.45	Pass		
50	0		18.41	0.00	16.26	<=38.45	Pass			
844	1		0	19.79	0.00	17.64	<=38.45	Pass		
			25	19.84	0.00	17.69	<=38.45	Pass		
			49	19.63	0.00	17.48	<=38.45	Pass		
	25	0	18.01	0.00	15.86	<=38.45	Pass			
		13	18.19	0.00	16.04	<=38.45	Pass			
		25	18.00	0.00	15.85	<=38.45	Pass			
	50	0	17.95	0.00	15.80	<=38.45	Pass			
Note1: ERP=Conducted Power+Antenna Gain-2.15										

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	3.15	-4.21	-0.0051	-2.5 to 2.5	Pass
					3.70	-3.28	-0.0040	-2.5 to 2.5	Pass
					4.25	-4.54	-0.0055	-2.5 to 2.5	Pass
				-30	3.7	-4.79	-0.0058	-2.5 to 2.5	Pass
				-20	3.7	-4.55	-0.0055	-2.5 to 2.5	Pass
				-10	3.7	-4.25	-0.0052	-2.5 to 2.5	Pass
				0	3.7	-8.18	-0.0099	-2.5 to 2.5	Pass
				10	3.7	-7.74	-0.0094	-2.5 to 2.5	Pass
				30	3.7	-6.15	-0.0075	-2.5 to 2.5	Pass
				40	3.7	-6.50	-0.0079	-2.5 to 2.5	Pass
				50	3.7	-10.61	-0.0129	-2.5 to 2.5	Pass
	836.5	6	0	20	3.15	-7.01	-0.0084	-2.5 to 2.5	Pass

					3.70	-6.37	-0.0076	-2.5 to 2.5	Pass
					4.25	-7.77	-0.0093	-2.5 to 2.5	Pass
				-30	3.7	-6.72	-0.0080	-2.5 to 2.5	Pass
				-20	3.7	-7.67	-0.0092	-2.5 to 2.5	Pass
				-10	3.7	-5.78	-0.0069	-2.5 to 2.5	Pass
				0	3.7	-9.17	-0.0110	-2.5 to 2.5	Pass
				10	3.7	-9.51	-0.0114	-2.5 to 2.5	Pass
				30	3.7	-4.00	-0.0048	-2.5 to 2.5	Pass
				40	3.7	-9.18	-0.0110	-2.5 to 2.5	Pass
				50	3.7	-8.93	-0.0107	-2.5 to 2.5	Pass
	848.3	6	0	20	3.15	-7.02	-0.0083	-2.5 to 2.5	Pass
					3.70	-6.35	-0.0075	-2.5 to 2.5	Pass
					4.25	-6.42	-0.0076	-2.5 to 2.5	Pass
				-30	3.7	-7.42	-0.0087	-2.5 to 2.5	Pass
				-20	3.7	-7.37	-0.0087	-2.5 to 2.5	Pass
				-10	3.7	-7.25	-0.0085	-2.5 to 2.5	Pass
				0	3.7	-6.18	-0.0073	-2.5 to 2.5	Pass
				10	3.7	-7.60	-0.0090	-2.5 to 2.5	Pass
				30	3.7	-5.94	-0.0070	-2.5 to 2.5	Pass
				40	3.7	-6.38	-0.0075	-2.5 to 2.5	Pass
				50	3.7	-6.31	-0.0074	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.15	-6.41	-0.0078	-2.5 to 2.5	Pass
					3.70	-7.64	-0.0093	-2.5 to 2.5	Pass
					4.25	-4.66	-0.0057	-2.5 to 2.5	Pass
				-30	3.7	-6.75	-0.0082	-2.5 to 2.5	Pass
				-20	3.7	-6.61	-0.0080	-2.5 to 2.5	Pass
				-10	3.7	-5.71	-0.0069	-2.5 to 2.5	Pass
				0	3.7	-6.41	-0.0078	-2.5 to 2.5	Pass
				10	3.7	-4.71	-0.0057	-2.5 to 2.5	Pass
				30	3.7	-4.72	-0.0057	-2.5 to 2.5	Pass
				40	3.7	-8.67	-0.0105	-2.5 to 2.5	Pass
				50	3.7	-4.88	-0.0059	-2.5 to 2.5	Pass
	836.5	6	0	20	3.15	-3.45	-0.0041	-2.5 to 2.5	Pass
					3.70	-4.81	-0.0058	-2.5 to 2.5	Pass
					4.25	-6.11	-0.0073	-2.5 to 2.5	Pass
				-30	3.7	-7.27	-0.0087	-2.5 to 2.5	Pass
				-20	3.7	-4.69	-0.0056	-2.5 to 2.5	Pass
				-10	3.7	-1.96	-0.0023	-2.5 to 2.5	Pass
				0	3.7	-1.40	-0.0017	-2.5 to 2.5	Pass
				10	3.7	-4.91	-0.0059	-2.5 to 2.5	Pass
				30	3.7	-5.68	-0.0068	-2.5 to 2.5	Pass
				40	3.7	-5.49	-0.0066	-2.5 to 2.5	Pass
				50	3.7	-6.05	-0.0072	-2.5 to 2.5	Pass
	848.3	6	0	20	3.15	-6.44	-0.0076	-2.5 to 2.5	Pass
					3.70	-7.01	-0.0083	-2.5 to 2.5	Pass
					4.25	-6.68	-0.0079	-2.5 to 2.5	Pass
				-30	3.7	-7.01	-0.0083	-2.5 to 2.5	Pass
				-20	3.7	-6.89	-0.0081	-2.5 to 2.5	Pass
				-10	3.7	-7.08	-0.0083	-2.5 to 2.5	Pass
				0	3.7	-6.91	-0.0081	-2.5 to 2.5	Pass
				10	3.7	-6.32	-0.0075	-2.5 to 2.5	Pass
				30	3.7	-7.87	-0.0093	-2.5 to 2.5	Pass
				40	3.7	-6.68	-0.0079	-2.5 to 2.5	Pass
				50	3.7	-6.67	-0.0079	-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	3.15	-3.69	-0.00	-2.5 to 2.5	Pass
					3.70	-5.79	-0.01	-2.5 to 2.5	Pass
					4.25	-6.95	-0.01	-2.5 to 2.5	Pass
				-30	3.7	-5.89	-0.01	-2.5 to 2.5	Pass
				-20	3.7	-3.96	-0.00	-2.5 to 2.5	Pass
				-10	3.7	-2.67	-0.00	-2.5 to 2.5	Pass
				0	3.7	-8.03	-0.01	-2.5 to 2.5	Pass
				10	3.7	-3.60	-0.00	-2.5 to 2.5	Pass
				30	3.7	-4.22	-0.01	-2.5 to 2.5	Pass
				40	3.7	-3.68	-0.00	-2.5 to 2.5	Pass
				50	3.7	-8.18	-0.01	-2.5 to 2.5	Pass
	836.5	15	0	20	3.15	-5.74	-0.01	-2.5 to 2.5	Pass
					3.70	-3.22	-0.00	-2.5 to 2.5	Pass
					4.25	-7.48	-0.01	-2.5 to 2.5	Pass
				-30	3.7	-6.38	-0.01	-2.5 to 2.5	Pass
				-20	3.7	-6.08	-0.01	-2.5 to 2.5	Pass
				-10	3.7	-5.32	-0.01	-2.5 to 2.5	Pass
				0	3.7	-8.61	-0.01	-2.5 to 2.5	Pass
				10	3.7	-5.34	-0.01	-2.5 to 2.5	Pass
				30	3.7	-5.41	-0.01	-2.5 to 2.5	Pass
				40	3.7	-5.87	-0.01	-2.5 to 2.5	Pass
				50	3.7	-4.88	-0.01	-2.5 to 2.5	Pass
	847.5	15	0	20	3.15	-4.26	-0.01	-2.5 to 2.5	Pass
					3.70	-1.42	-0.00	-2.5 to 2.5	Pass
					4.25	-6.44	-0.01	-2.5 to 2.5	Pass
				-30	3.7	-6.77	-0.01	-2.5 to 2.5	Pass
				-20	3.7	-5.16	-0.01	-2.5 to 2.5	Pass
				-10	3.7	-6.31	-0.01	-2.5 to 2.5	Pass
				0	3.7	-6.59	-0.01	-2.5 to 2.5	Pass
				10	3.7	-5.84	-0.01	-2.5 to 2.5	Pass
				30	3.7	-7.21	-0.01	-2.5 to 2.5	Pass
				40	3.7	-5.42	-0.01	-2.5 to 2.5	Pass
				50	3.7	-7.25	-0.01	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.15	-6.50	-0.01	-2.5 to 2.5	Pass
					3.70	-3.45	-0.00	-2.5 to 2.5	Pass
					4.25	-5.49	-0.01	-2.5 to 2.5	Pass
				-30	3.7	-11.34	-0.01	-2.5 to 2.5	Pass
				-20	3.7	-5.36	-0.01	-2.5 to 2.5	Pass
				-10	3.7	-6.47	-0.01	-2.5 to 2.5	Pass
				0	3.7	-2.38	-0.00	-2.5 to 2.5	Pass
				10	3.7	-6.68	-0.01	-2.5 to 2.5	Pass
				30	3.7	-6.52	-0.01	-2.5 to 2.5	Pass
				40	3.7	-8.96	-0.01	-2.5 to 2.5	Pass
				50	3.7	-7.95	-0.01	-2.5 to 2.5	Pass
	836.5	15	0	20	3.15	-5.69	-0.01	-2.5 to 2.5	Pass
					3.70	-5.88	-0.01	-2.5 to 2.5	Pass
					4.25	-6.34	-0.01	-2.5 to 2.5	Pass
				-30	3.7	-5.75	-0.01	-2.5 to 2.5	Pass
				-20	3.7	-5.68	-0.01	-2.5 to 2.5	Pass
				-10	3.7	-5.72	-0.01	-2.5 to 2.5	Pass
				0	3.7	-6.55	-0.01	-2.5 to 2.5	Pass
				10	3.7	-5.88	-0.01	-2.5 to 2.5	Pass
				30	3.7	-5.36	-0.01	-2.5 to 2.5	Pass
				40	3.7	-3.75	-0.00	-2.5 to 2.5	Pass

	847.5	15	0	50	3.7	-1.39	-0.00	-2.5 to 2.5	Pass
				20	3.15	-5.85	-0.01	-2.5 to 2.5	Pass
					3.70	-6.17	-0.01	-2.5 to 2.5	Pass
					4.25	-5.46	-0.01	-2.5 to 2.5	Pass
				-30	3.7	-8.73	-0.01	-2.5 to 2.5	Pass
				-20	3.7	-4.69	-0.01	-2.5 to 2.5	Pass
				-10	3.7	-5.06	-0.01	-2.5 to 2.5	Pass
				0	3.7	-5.14	-0.01	-2.5 to 2.5	Pass
				10	3.7	-3.73	-0.00	-2.5 to 2.5	Pass
				30	3.7	-2.62	-0.00	-2.5 to 2.5	Pass
				40	3.7	-4.09	-0.00	-2.5 to 2.5	Pass
				50	3.7	-3.32	-0.00	-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	3.15	-5.06	-0.01	-2.5 to 2.5	Pass
					3.70	-5.74	-0.01	-2.5 to 2.5	Pass
					4.25	-7.50	-0.01	-2.5 to 2.5	Pass
				-30	3.7	-7.61	-0.01	-2.5 to 2.5	Pass
				-20	3.7	-4.61	-0.01	-2.5 to 2.5	Pass
				-10	3.7	-7.44	-0.01	-2.5 to 2.5	Pass
				0	3.7	-4.35	-0.01	-2.5 to 2.5	Pass
				10	3.7	-6.32	-0.01	-2.5 to 2.5	Pass
				30	3.7	-3.89	-0.00	-2.5 to 2.5	Pass
				40	3.7	-5.06	-0.01	-2.5 to 2.5	Pass
				50	3.7	-10.61	-0.01	-2.5 to 2.5	Pass
	836.5	25	0	20	3.15	-3.99	-0.00	-2.5 to 2.5	Pass
					3.70	-5.05	-0.01	-2.5 to 2.5	Pass
					4.25	-9.74	-0.01	-2.5 to 2.5	Pass
				-30	3.7	-6.91	-0.01	-2.5 to 2.5	Pass
				-20	3.7	-6.64	-0.01	-2.5 to 2.5	Pass
				-10	3.7	-6.75	-0.01	-2.5 to 2.5	Pass
				0	3.7	-8.81	-0.01	-2.5 to 2.5	Pass
				10	3.7	-8.70	-0.01	-2.5 to 2.5	Pass
				30	3.7	-8.33	-0.01	-2.5 to 2.5	Pass
				40	3.7	-6.97	-0.01	-2.5 to 2.5	Pass
				50	3.7	-9.98	-0.01	-2.5 to 2.5	Pass
	846.5	25	0	20	3.15	-8.64	-0.01	-2.5 to 2.5	Pass
					3.70	-4.82	-0.01	-2.5 to 2.5	Pass
					4.25	-6.25	-0.01	-2.5 to 2.5	Pass
				-30	3.7	-5.91	-0.01	-2.5 to 2.5	Pass
				-20	3.7	-4.41	-0.01	-2.5 to 2.5	Pass
				-10	3.7	-8.27	-0.01	-2.5 to 2.5	Pass
				0	3.7	-6.48	-0.01	-2.5 to 2.5	Pass
				10	3.7	-4.86	-0.01	-2.5 to 2.5	Pass
				30	3.7	-6.44	-0.01	-2.5 to 2.5	Pass
				40	3.7	-4.13	-0.00	-2.5 to 2.5	Pass
				50	3.7	-6.41	-0.01	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.15	-10.33	-0.01	-2.5 to 2.5	Pass
					3.70	-11.36	-0.01	-2.5 to 2.5	Pass
					4.25	-9.28	-0.01	-2.5 to 2.5	Pass
				-30	3.7	-7.47	-0.01	-2.5 to 2.5	Pass

				-20	3.7	-4.26	-0.01	-2.5 to 2.5	Pass
				-10	3.7	-4.52	-0.01	-2.5 to 2.5	Pass
				0	3.7	-7.01	-0.01	-2.5 to 2.5	Pass
				10	3.7	-4.65	-0.01	-2.5 to 2.5	Pass
				30	3.7	-6.89	-0.01	-2.5 to 2.5	Pass
				40	3.7	-9.21	-0.01	-2.5 to 2.5	Pass
				50	3.7	-6.97	-0.01	-2.5 to 2.5	Pass
	836.5	25	0	20	3.15	-6.15	-0.01	-2.5 to 2.5	Pass
					3.70	-7.22	-0.01	-2.5 to 2.5	Pass
					4.25	-5.15	-0.01	-2.5 to 2.5	Pass
				-30	3.7	-5.21	-0.01	-2.5 to 2.5	Pass
				-20	3.7	-5.02	-0.01	-2.5 to 2.5	Pass
				-10	3.7	-6.39	-0.01	-2.5 to 2.5	Pass
				0	3.7	-7.20	-0.01	-2.5 to 2.5	Pass
				10	3.7	-4.33	-0.01	-2.5 to 2.5	Pass
				30	3.7	-7.42	-0.01	-2.5 to 2.5	Pass
				40	3.7	-8.35	-0.01	-2.5 to 2.5	Pass
				50	3.7	-6.62	-0.01	-2.5 to 2.5	Pass
	846.5	25	0	20	3.15	-8.25	-0.01	-2.5 to 2.5	Pass
					3.70	-9.08	-0.01	-2.5 to 2.5	Pass
					4.25	-10.76	-0.01	-2.5 to 2.5	Pass
				-30	3.7	-7.38	-0.01	-2.5 to 2.5	Pass
				-20	3.7	-5.16	-0.01	-2.5 to 2.5	Pass
				-10	3.7	-4.26	-0.01	-2.5 to 2.5	Pass
				0	3.7	-2.79	-0.00	-2.5 to 2.5	Pass
				10	3.7	-4.59	-0.01	-2.5 to 2.5	Pass
				30	3.7	-3.05	-0.00	-2.5 to 2.5	Pass
				40	3.7	-5.51	-0.01	-2.5 to 2.5	Pass
				50	3.7	-7.41	-0.01	-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	3.15	-4.91	-0.01	-2.5 to 2.5	Pass
					3.70	-7.54	-0.01	-2.5 to 2.5	Pass
					4.25	-6.22	-0.01	-2.5 to 2.5	Pass
				-30	3.7	-5.69	-0.01	-2.5 to 2.5	Pass
				-20	3.7	-9.96	-0.01	-2.5 to 2.5	Pass
				-10	3.7	-8.60	-0.01	-2.5 to 2.5	Pass
				0	3.7	-9.63	-0.01	-2.5 to 2.5	Pass
				10	3.7	-8.11	-0.01	-2.5 to 2.5	Pass
				30	3.7	-8.00	-0.01	-2.5 to 2.5	Pass
				40	3.7	-9.27	-0.01	-2.5 to 2.5	Pass
				50	3.7	-8.70	-0.01	-2.5 to 2.5	Pass
	836.5	50	0	20	3.15	-1.92	-0.00	-2.5 to 2.5	Pass
					3.70	-6.28	-0.01	-2.5 to 2.5	Pass
					4.25	-7.37	-0.01	-2.5 to 2.5	Pass
				-30	3.7	-6.72	-0.01	-2.5 to 2.5	Pass
				-20	3.7	-9.23	-0.01	-2.5 to 2.5	Pass
				-10	3.7	-5.29	-0.01	-2.5 to 2.5	Pass
				0	3.7	-6.58	-0.01	-2.5 to 2.5	Pass
				10	3.7	-10.40	-0.01	-2.5 to 2.5	Pass
				30	3.7	-3.86	-0.00	-2.5 to 2.5	Pass

	844	50	0	40	3.7	-7.80	-0.01	-2.5 to 2.5	Pass
				50	3.7	-5.48	-0.01	-2.5 to 2.5	Pass
				20	3.15	-7.02	-0.01	-2.5 to 2.5	Pass
					3.70	-6.71	-0.01	-2.5 to 2.5	Pass
					4.25	-9.13	-0.01	-2.5 to 2.5	Pass
				-30	3.7	-4.38	-0.01	-2.5 to 2.5	Pass
				-20	3.7	-5.87	-0.01	-2.5 to 2.5	Pass
				-10	3.7	-7.67	-0.01	-2.5 to 2.5	Pass
				0	3.7	-11.40	-0.01	-2.5 to 2.5	Pass
				10	3.7	-7.92	-0.01	-2.5 to 2.5	Pass
				30	3.7	-3.30	-0.00	-2.5 to 2.5	Pass
				40	3.7	-5.64	-0.01	-2.5 to 2.5	Pass
				50	3.7	-6.67	-0.01	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.15	-10.79	-0.01	-2.5 to 2.5	Pass
					3.70	-4.69	-0.01	-2.5 to 2.5	Pass
					4.25	-5.64	-0.01	-2.5 to 2.5	Pass
				-30	3.7	-6.58	-0.01	-2.5 to 2.5	Pass
				-20	3.7	-7.70	-0.01	-2.5 to 2.5	Pass
				-10	3.7	-9.71	-0.01	-2.5 to 2.5	Pass
				0	3.7	-7.95	-0.01	-2.5 to 2.5	Pass
				10	3.7	-5.35	-0.01	-2.5 to 2.5	Pass
				30	3.7	-7.31	-0.01	-2.5 to 2.5	Pass
				40	3.7	-7.11	-0.01	-2.5 to 2.5	Pass
	836.5	50	0	50	3.7	-6.19	-0.01	-2.5 to 2.5	Pass
				20	3.15	-9.81	-0.01	-2.5 to 2.5	Pass
					3.70	-6.34	-0.01	-2.5 to 2.5	Pass
					4.25	-8.93	-0.01	-2.5 to 2.5	Pass
				-30	3.7	-9.01	-0.01	-2.5 to 2.5	Pass
				-20	3.7	-7.20	-0.01	-2.5 to 2.5	Pass
				-10	3.7	-8.48	-0.01	-2.5 to 2.5	Pass
				0	3.7	-9.23	-0.01	-2.5 to 2.5	Pass
				10	3.7	-5.04	-0.01	-2.5 to 2.5	Pass
				30	3.7	-5.85	-0.01	-2.5 to 2.5	Pass
	844	50	0	40	3.7	-3.52	-0.00	-2.5 to 2.5	Pass
				50	3.7	-5.96	-0.01	-2.5 to 2.5	Pass
				20	3.15	-7.24	-0.01	-2.5 to 2.5	Pass
					3.70	-7.55	-0.01	-2.5 to 2.5	Pass
					4.25	-9.93	-0.01	-2.5 to 2.5	Pass
				-30	3.7	-4.78	-0.01	-2.5 to 2.5	Pass
				-20	3.7	-3.83	-0.00	-2.5 to 2.5	Pass
				-10	3.7	-4.66	-0.01	-2.5 to 2.5	Pass
				0	3.7	-7.62	-0.01	-2.5 to 2.5	Pass
				10	3.7	-6.09	-0.01	-2.5 to 2.5	Pass
				30	3.7	-5.96	-0.01	-2.5 to 2.5	Pass
				40	3.7	-5.36	-0.01	-2.5 to 2.5	Pass
				50	3.7	-5.04	-0.01	-2.5 to 2.5	Pass

3. Modulation Characteristics

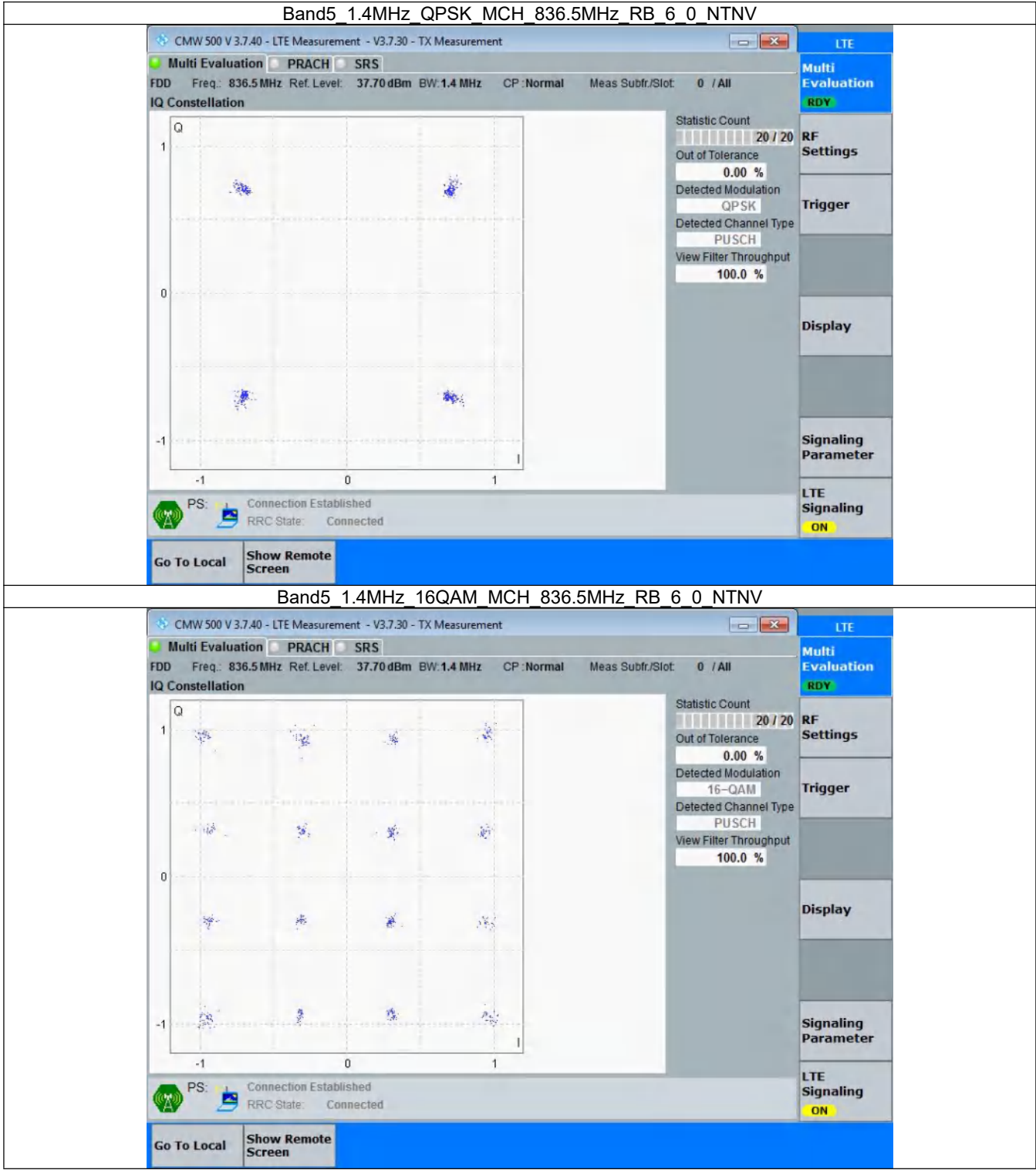
3.1 B5_1.4MHz

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

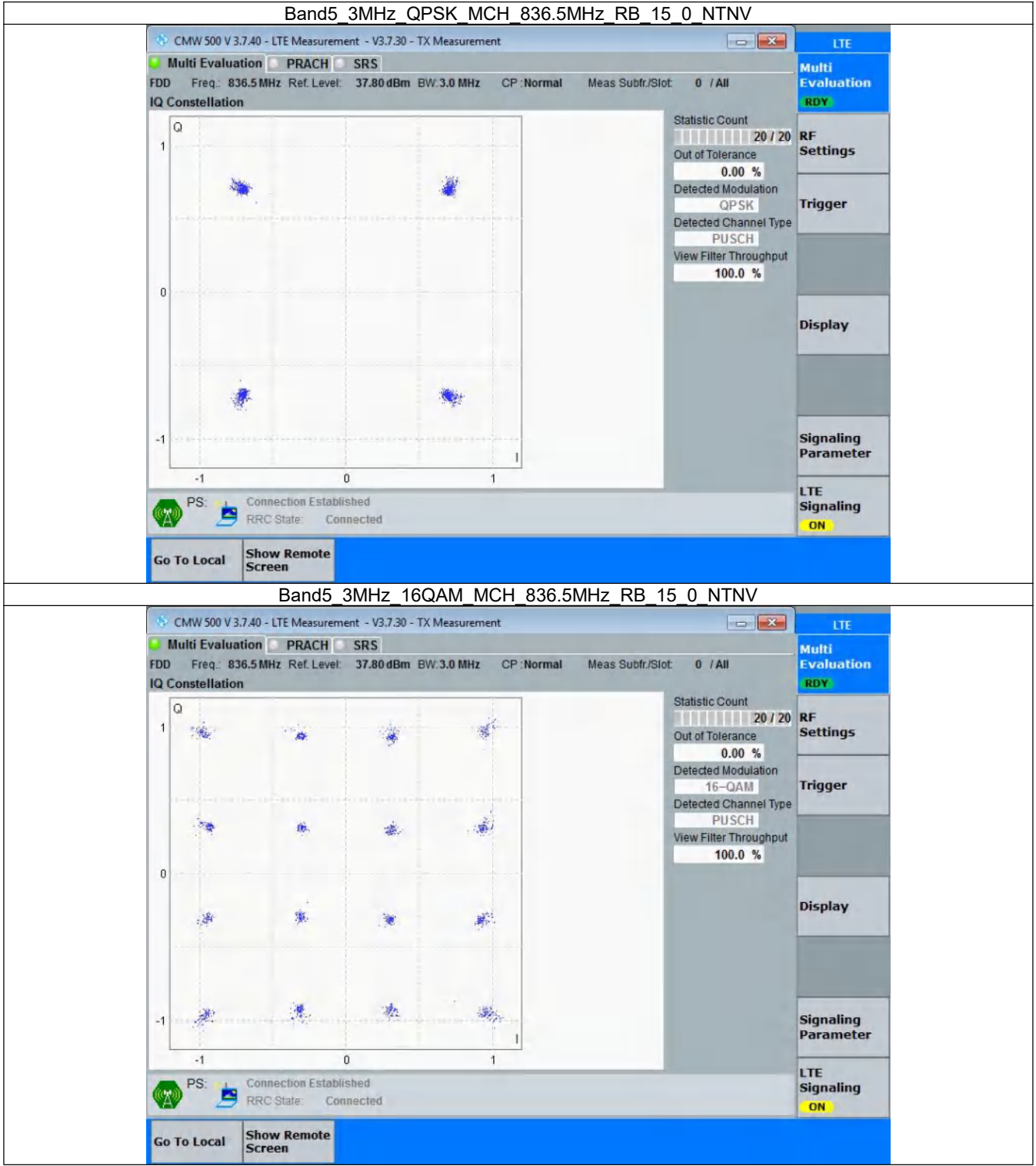


3.2 B5_3MHz

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

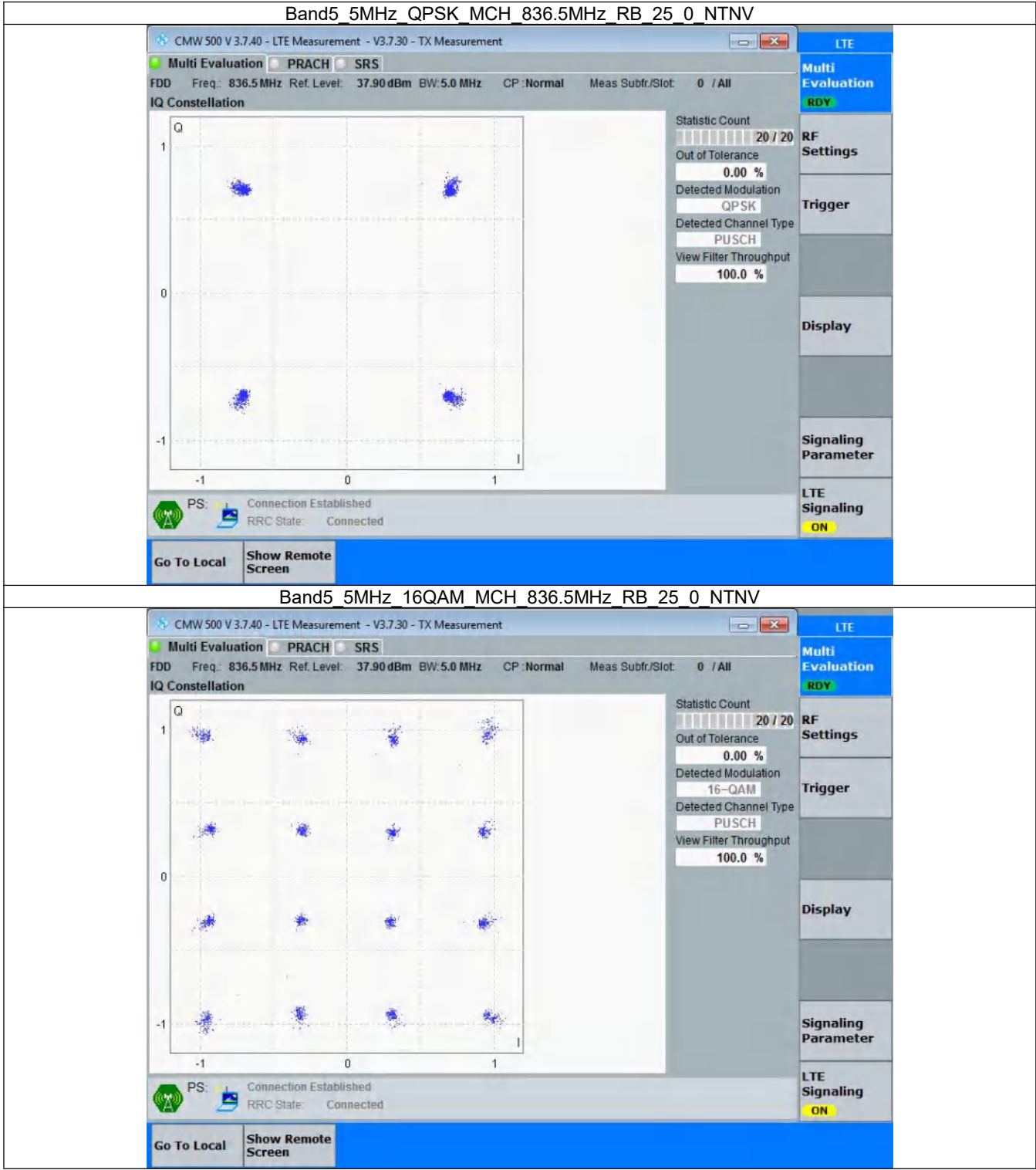


3.3 B5_5MHz

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

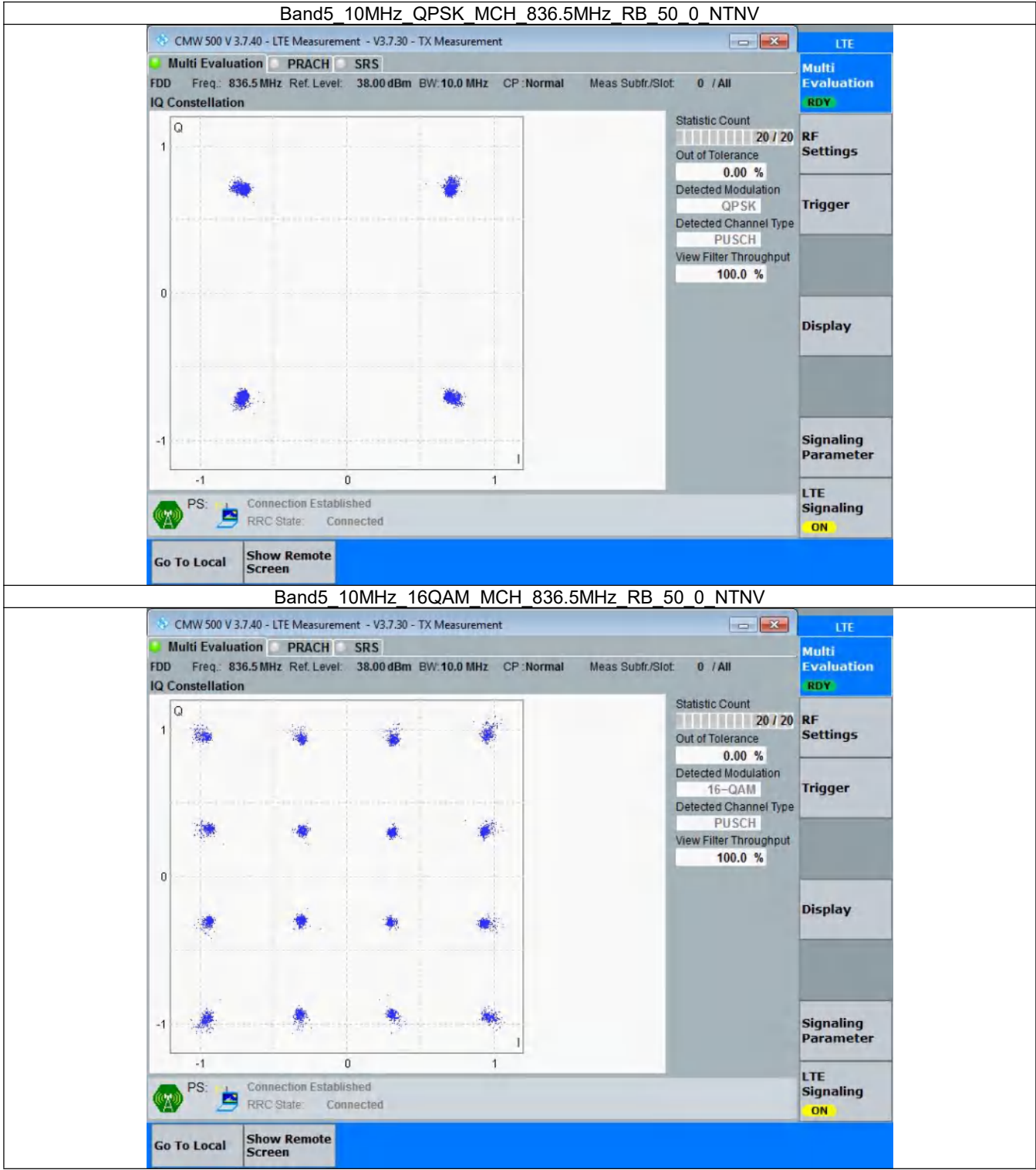


3.4 B5_10MHz

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
16QAM	836.5	50	0	Refer To Test Graph	Pass

3.4.2 Test Graph



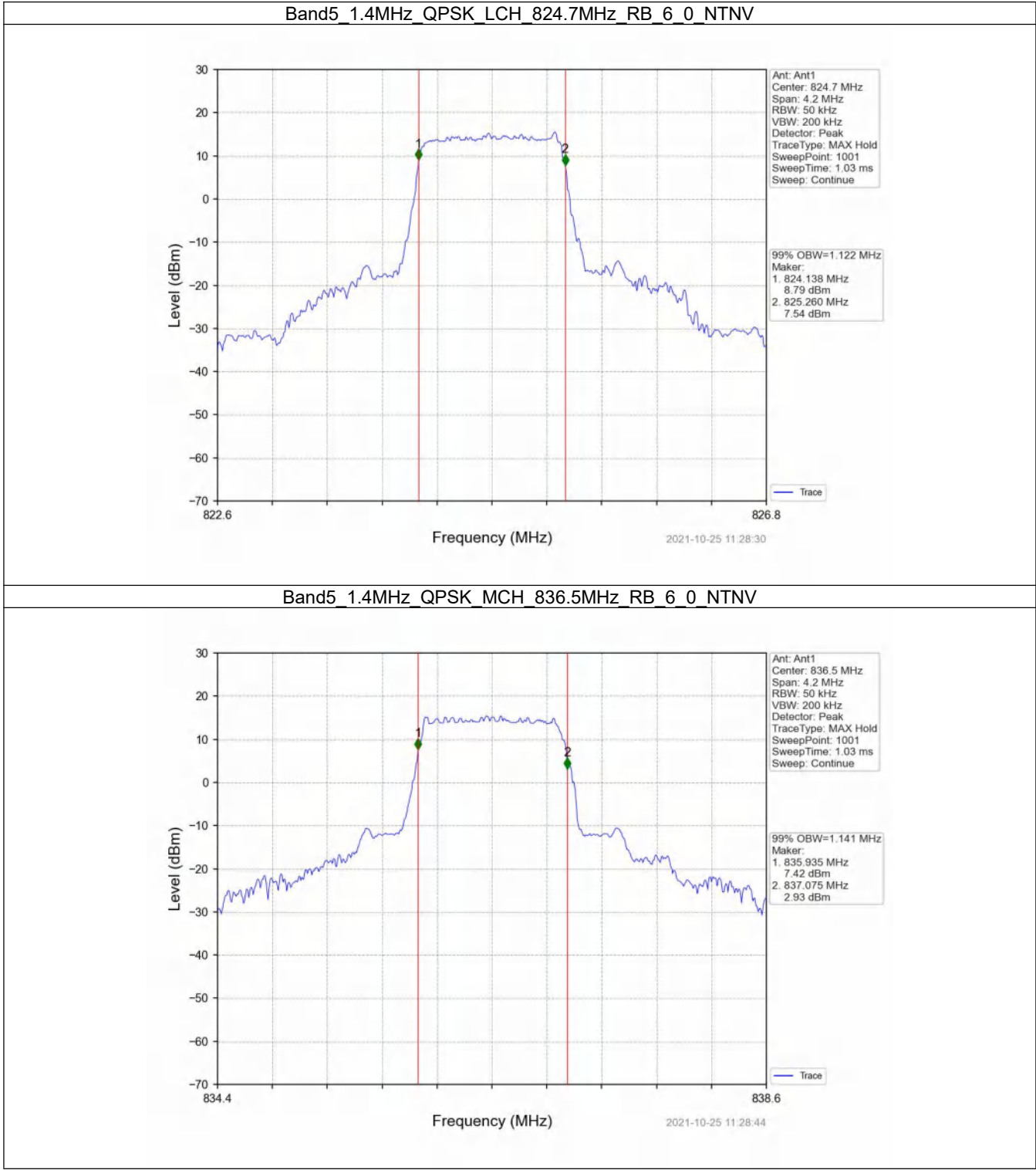
4. 99% & 26dB Bandwidth

4.1 Band5_OBW

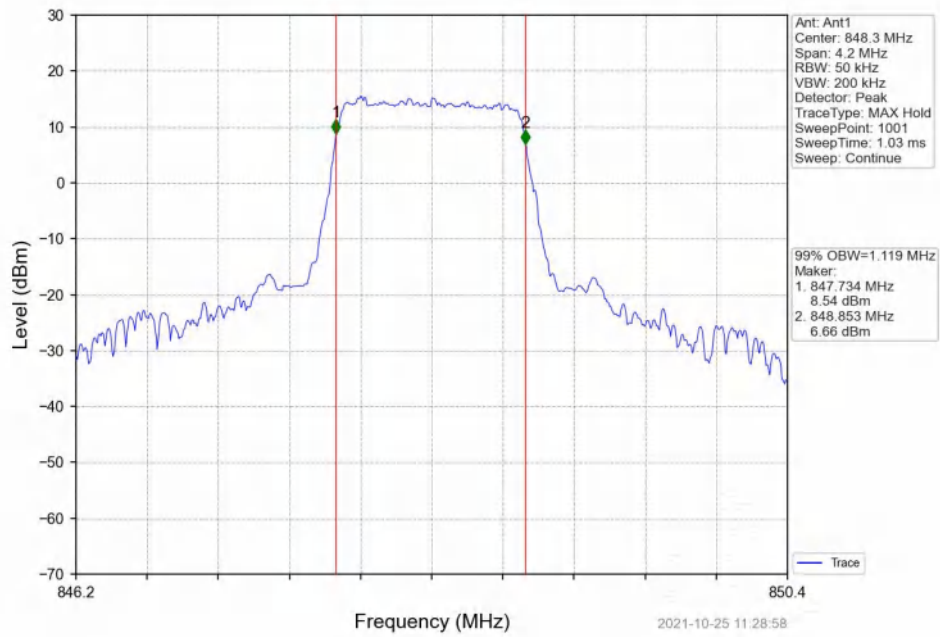
4.1.1 Test Result

Band: 5 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.122	Pass
		836.5	6	0	1.141	Pass
		848.3	6	0	1.119	Pass
	16QAM	824.7	6	0	1.115	Pass
		836.5	6	0	1.114	Pass
		848.3	6	0	1.127	Pass
3	QPSK	825.5	15	0	2.734	Pass
		836.5	15	0	2.752	Pass
		847.5	15	0	2.719	Pass
	16QAM	825.5	15	0	2.730	Pass
		836.5	15	0	2.740	Pass
		847.5	15	0	2.723	Pass
5	QPSK	826.5	25	0	4.583	Pass
		836.5	25	0	4.615	Pass
		846.5	25	0	4.578	Pass
	16QAM	826.5	25	0	4.573	Pass
		836.5	25	0	4.618	Pass
		846.5	25	0	4.559	Pass
10	QPSK	829	50	0	9.036	Pass
		836.5	50	0	9.135	Pass
		844	50	0	9.046	Pass
	16QAM	829	50	0	9.020	Pass
		836.5	50	0	9.140	Pass
		844	50	0	9.028	Pass

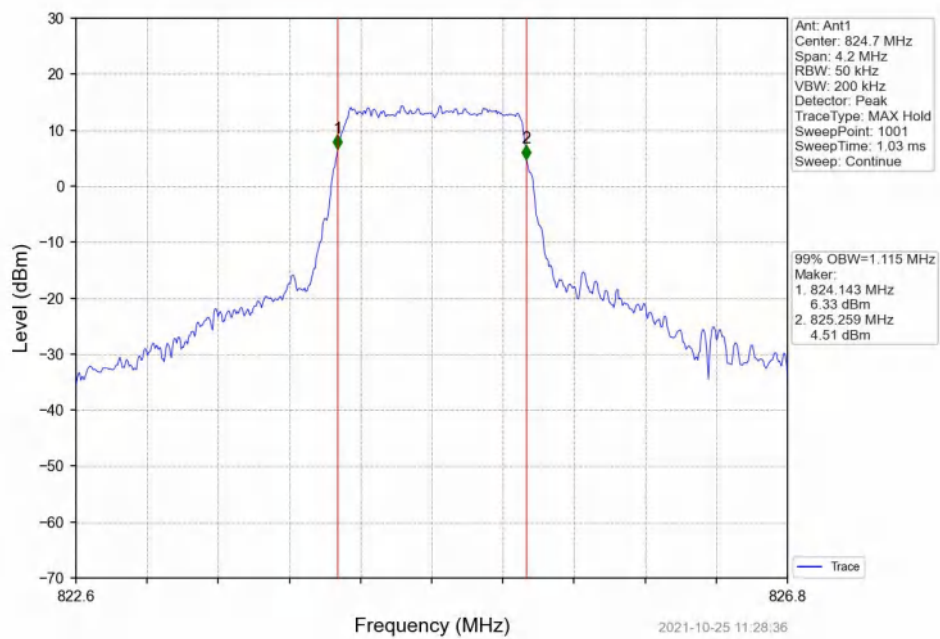
4.1.2 Test Graph



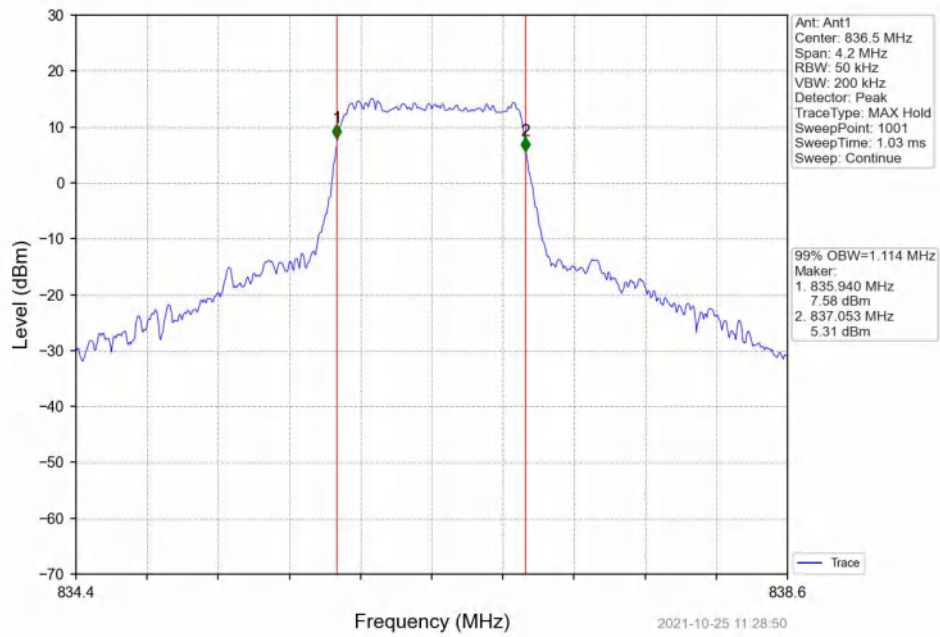
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



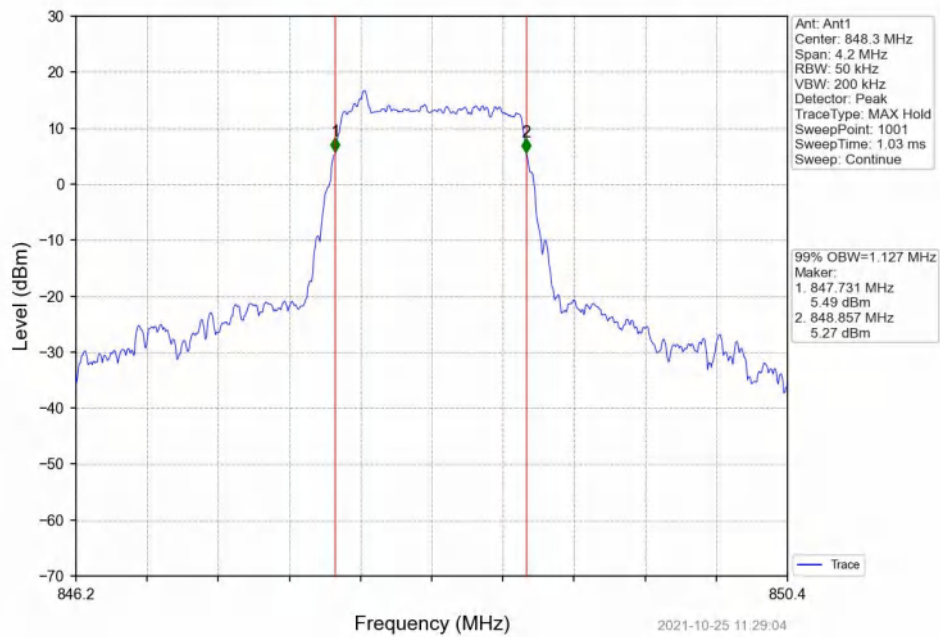
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



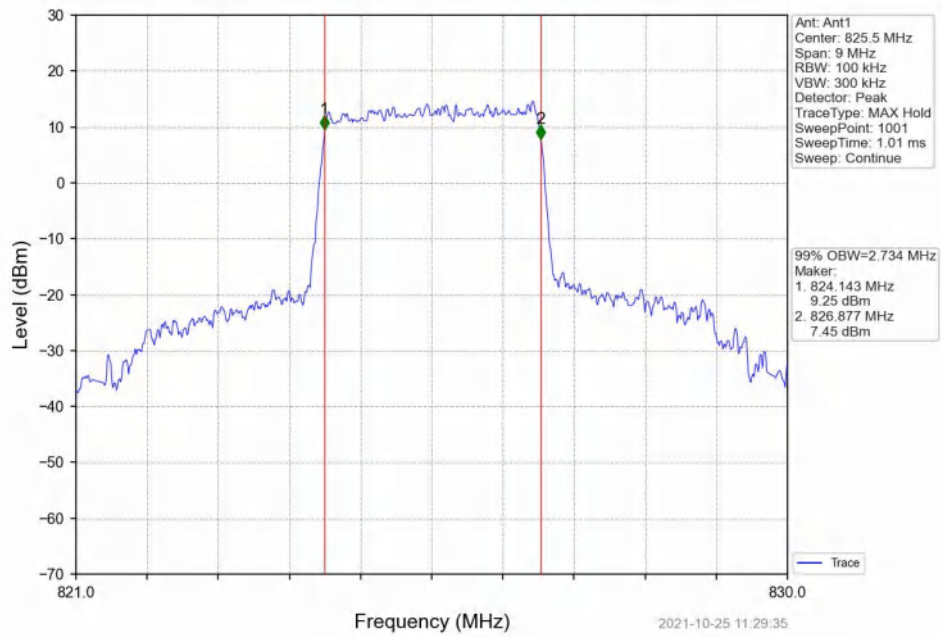
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



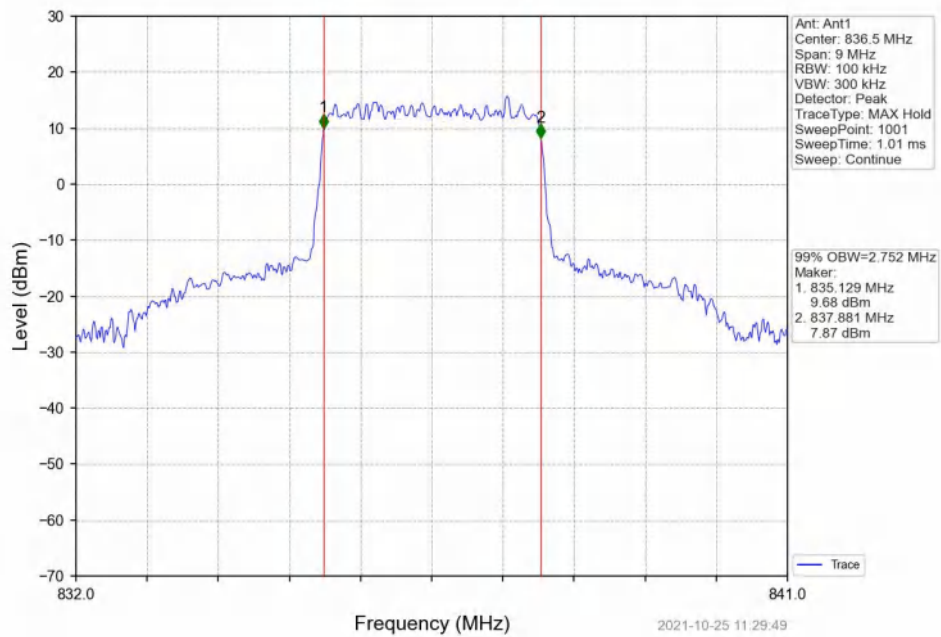
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



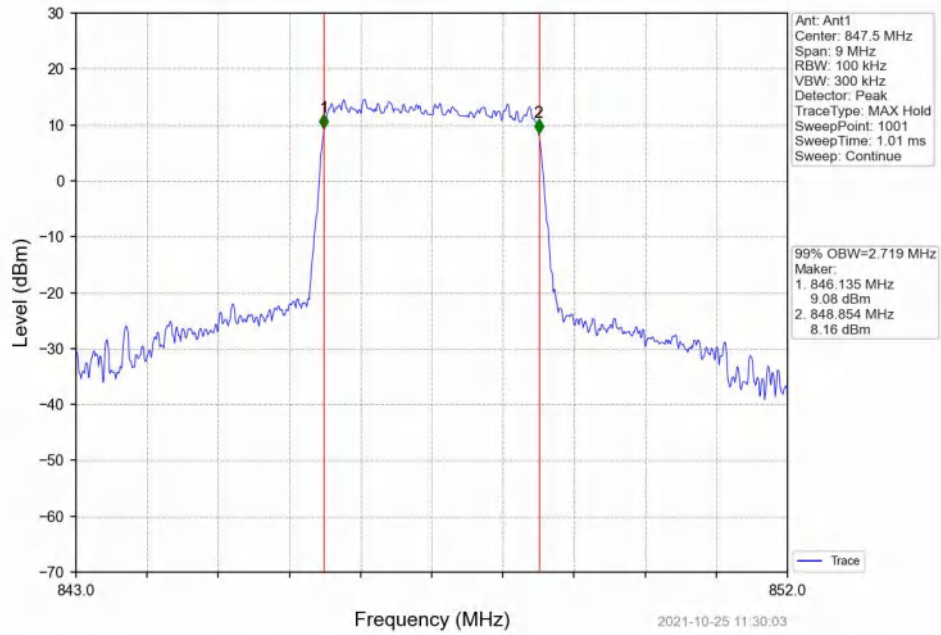
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



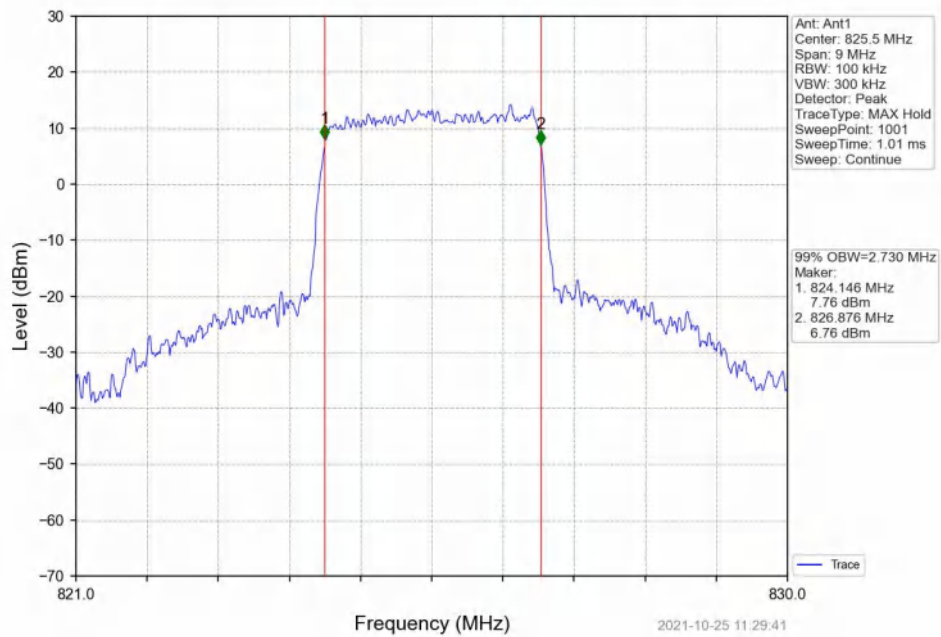
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



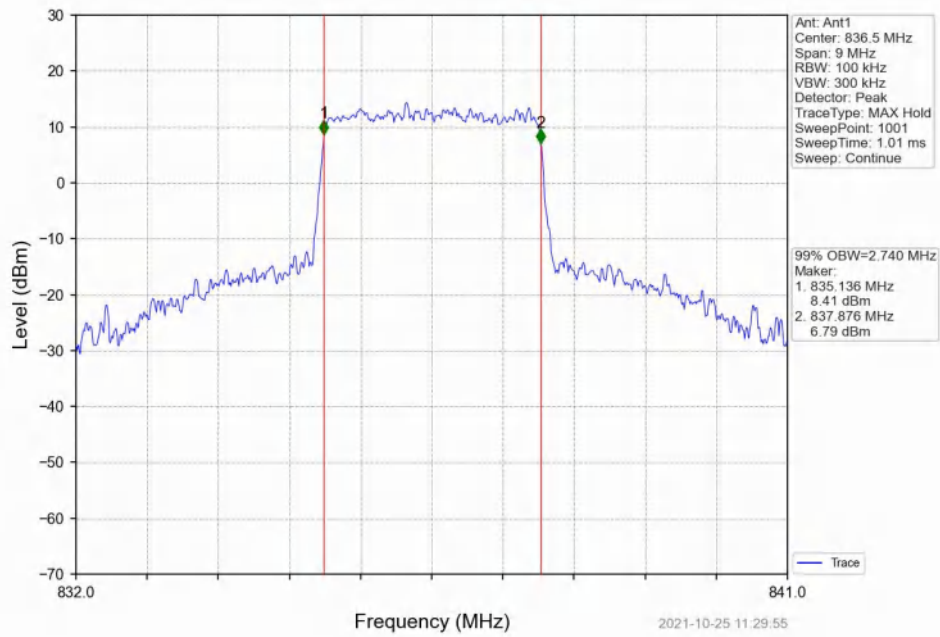
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



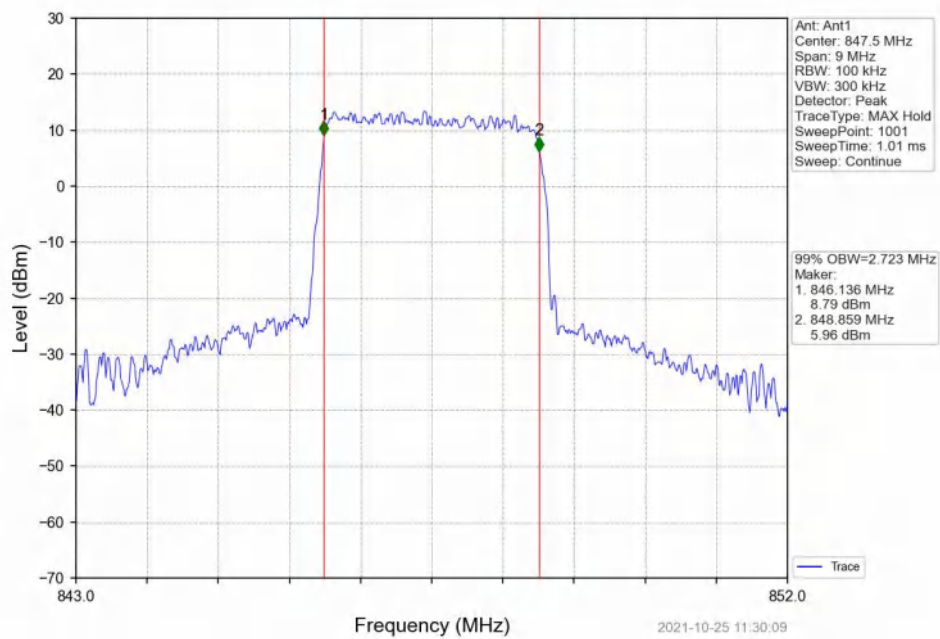
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



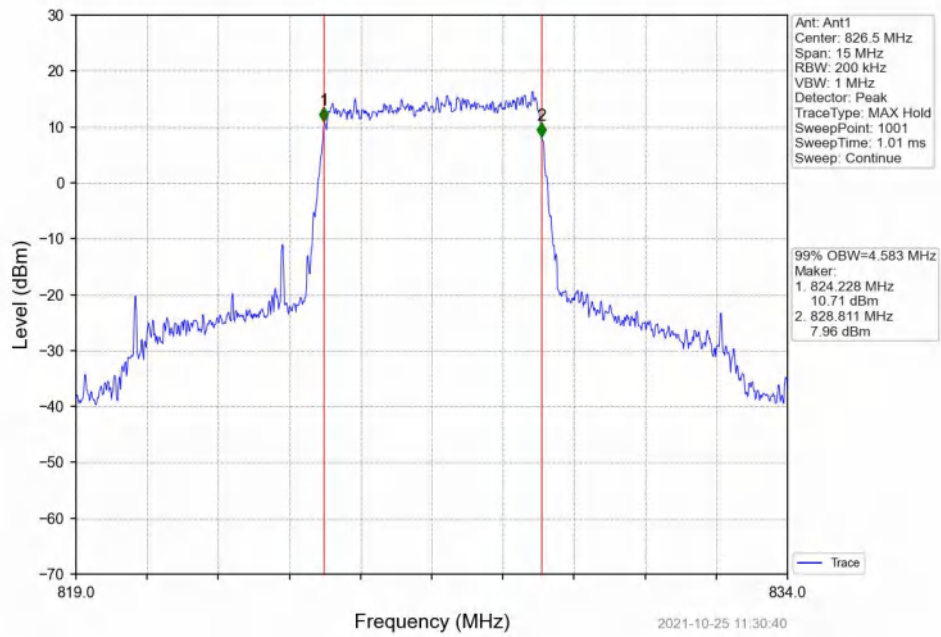
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



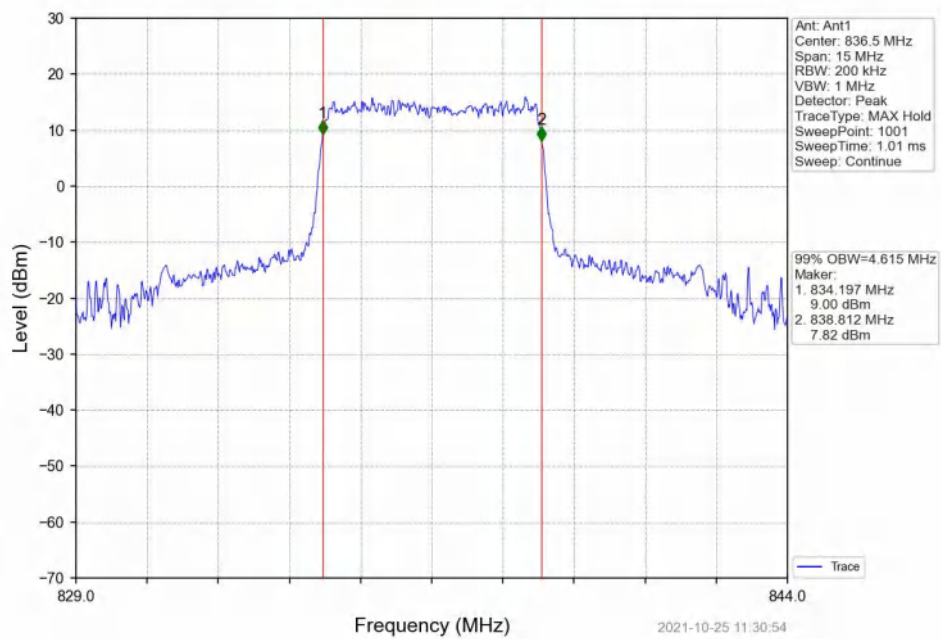
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



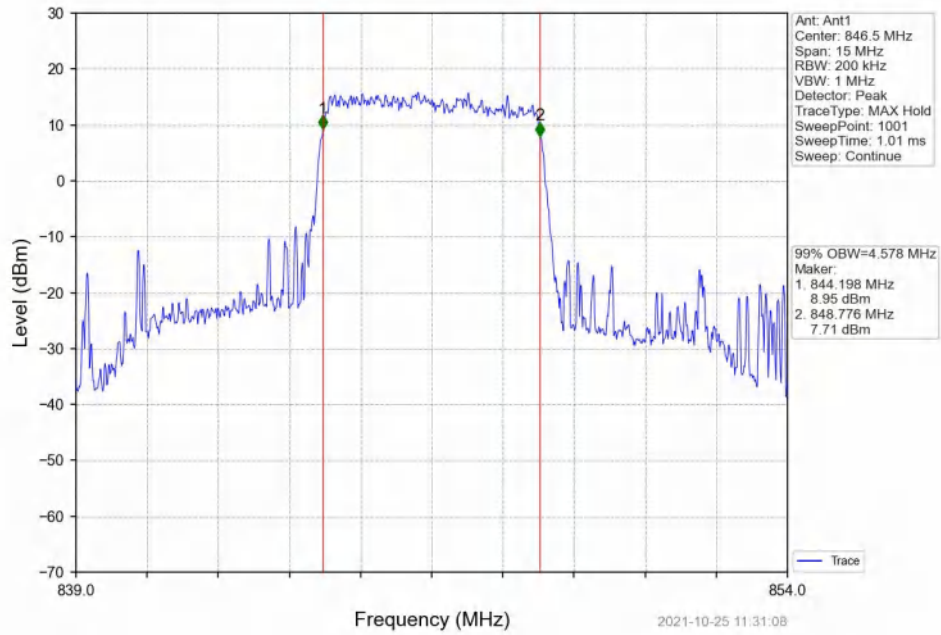
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



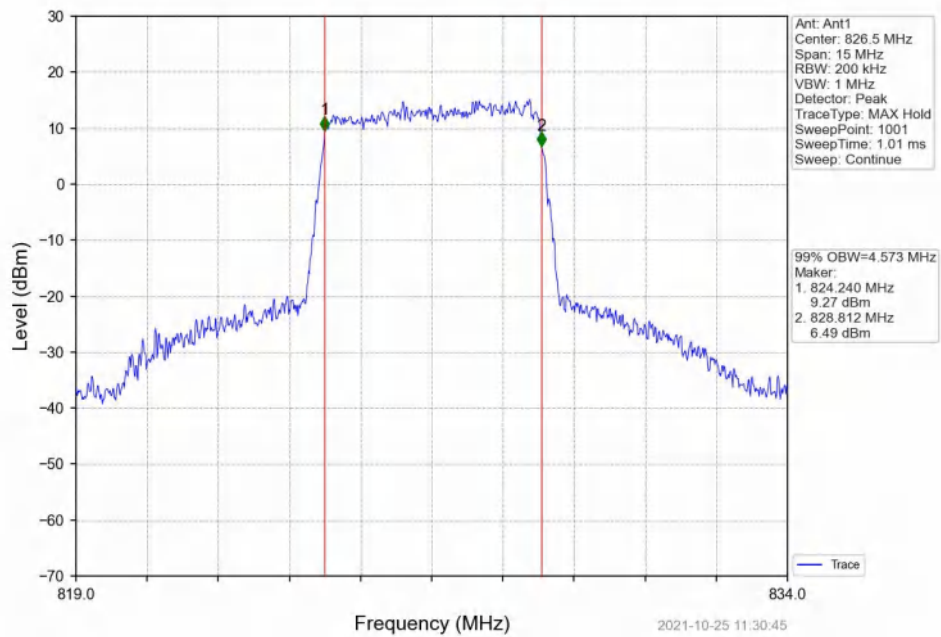
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



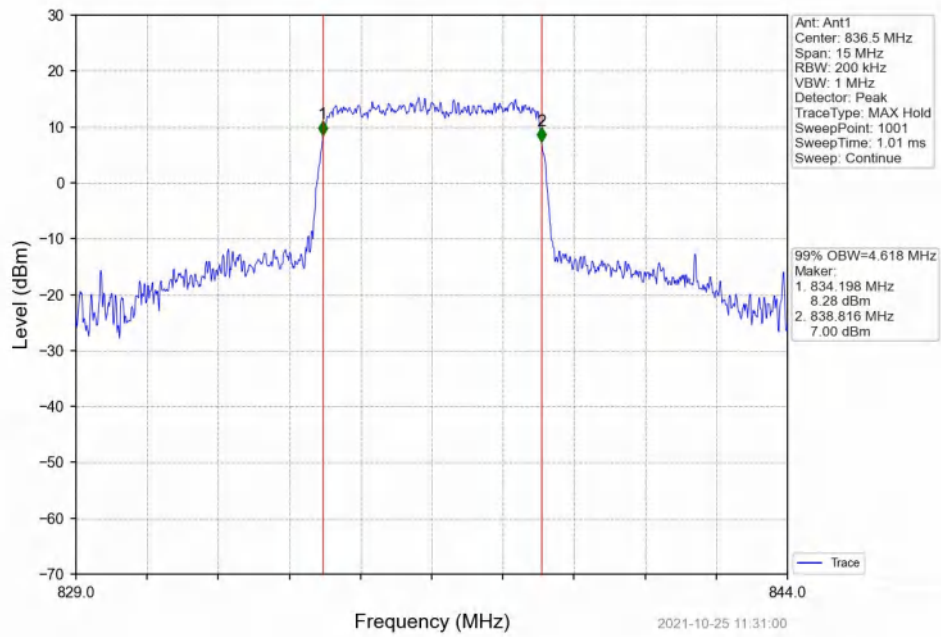
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



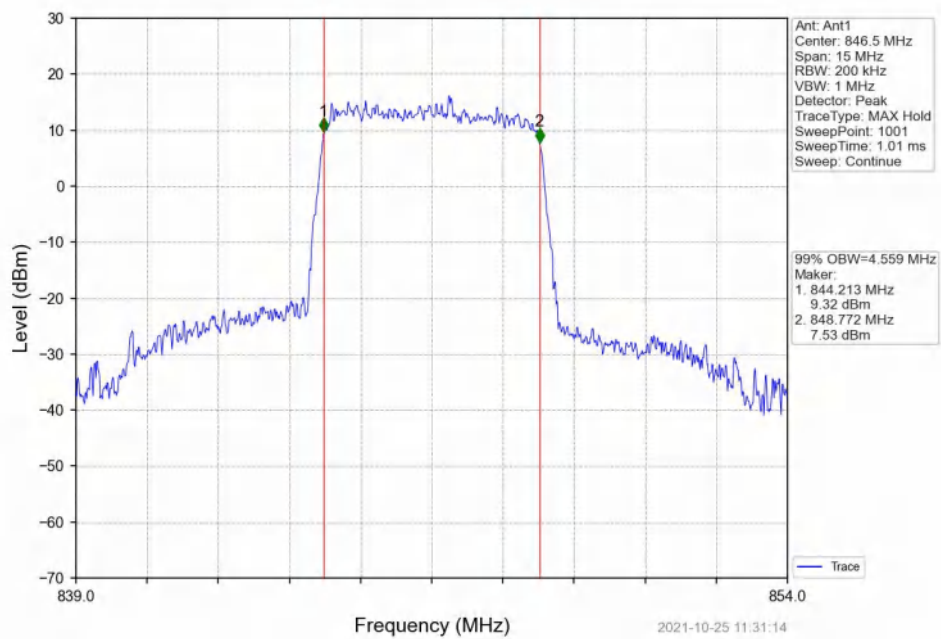
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



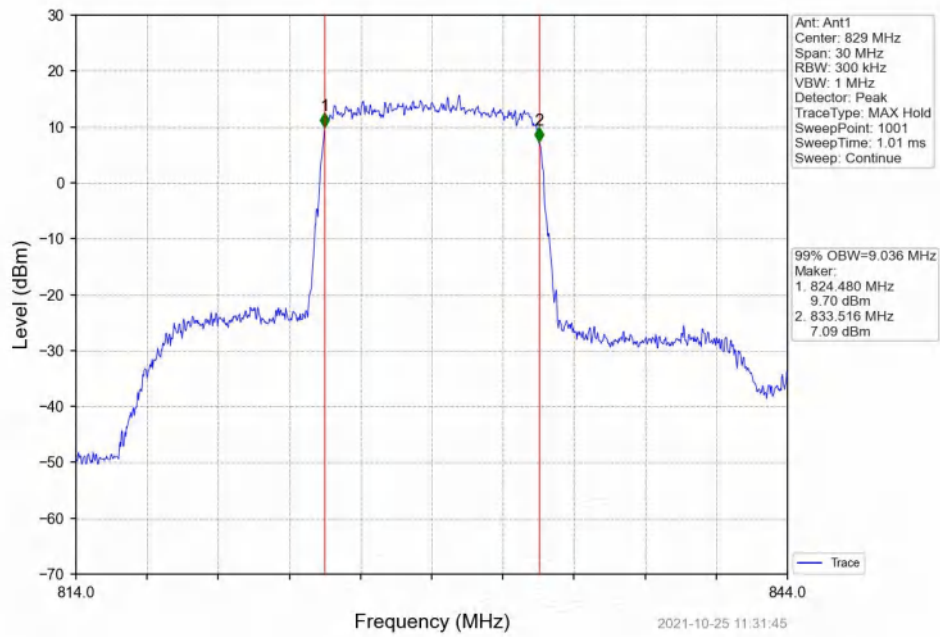
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



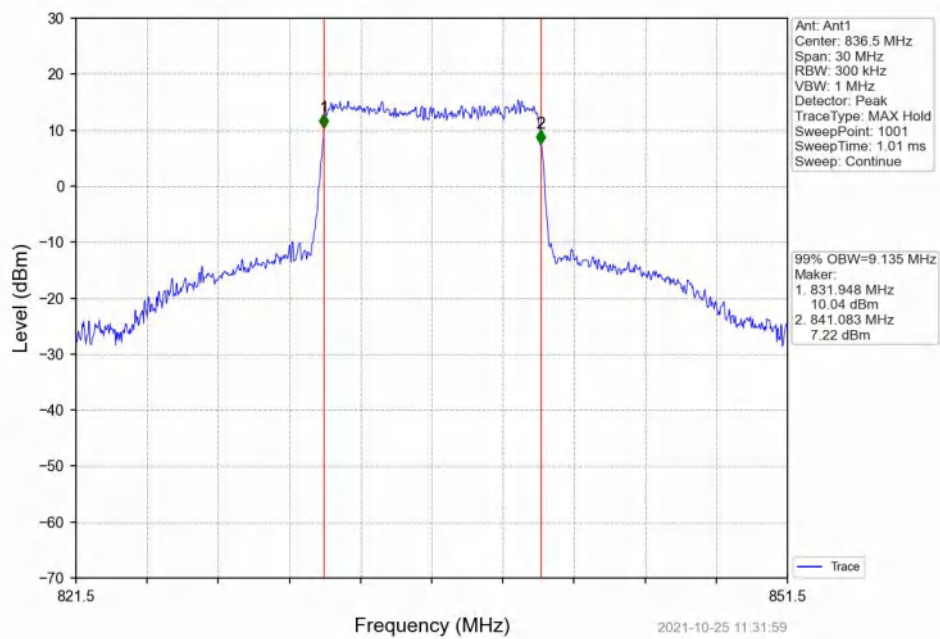
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



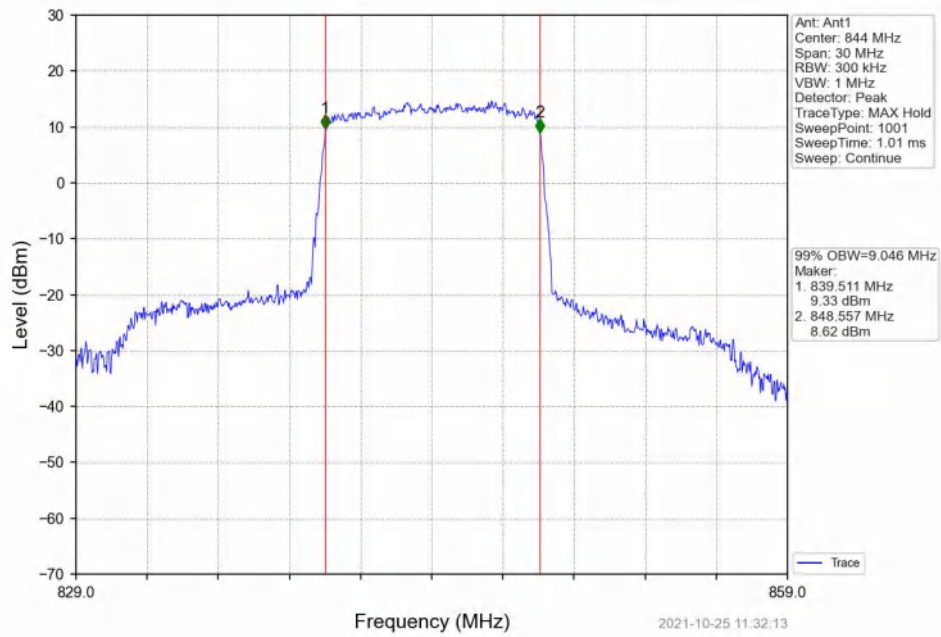
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



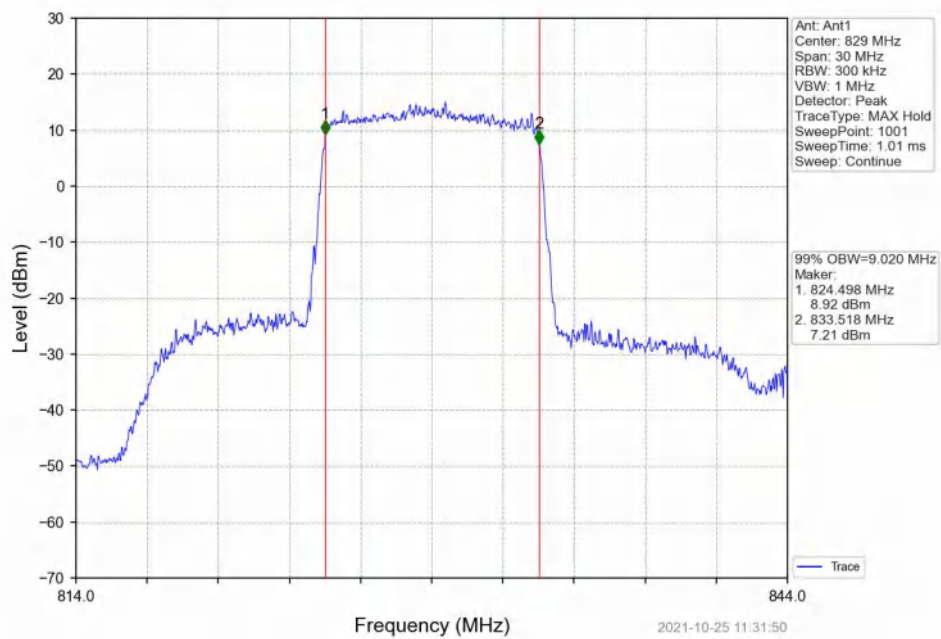
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



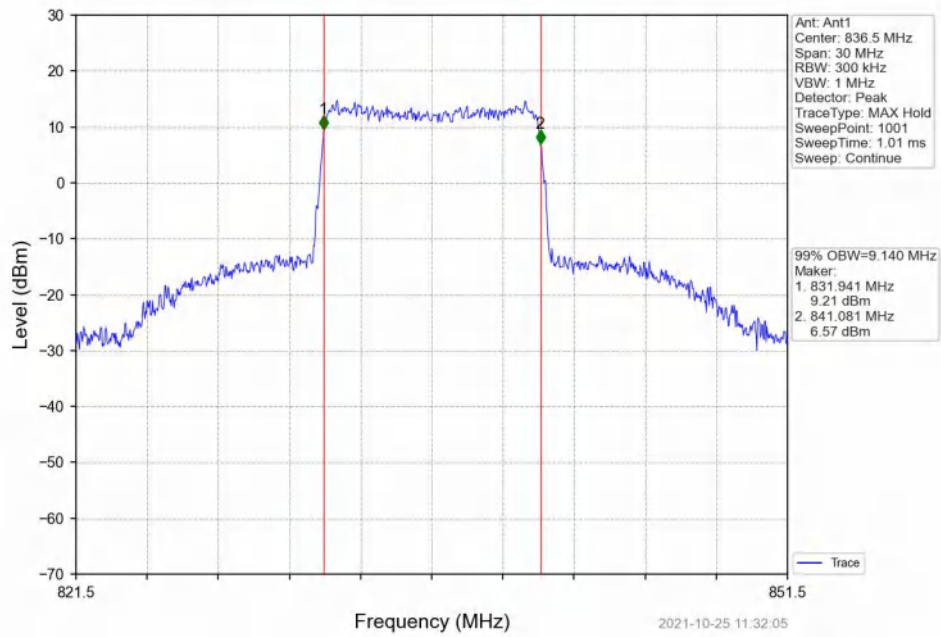
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



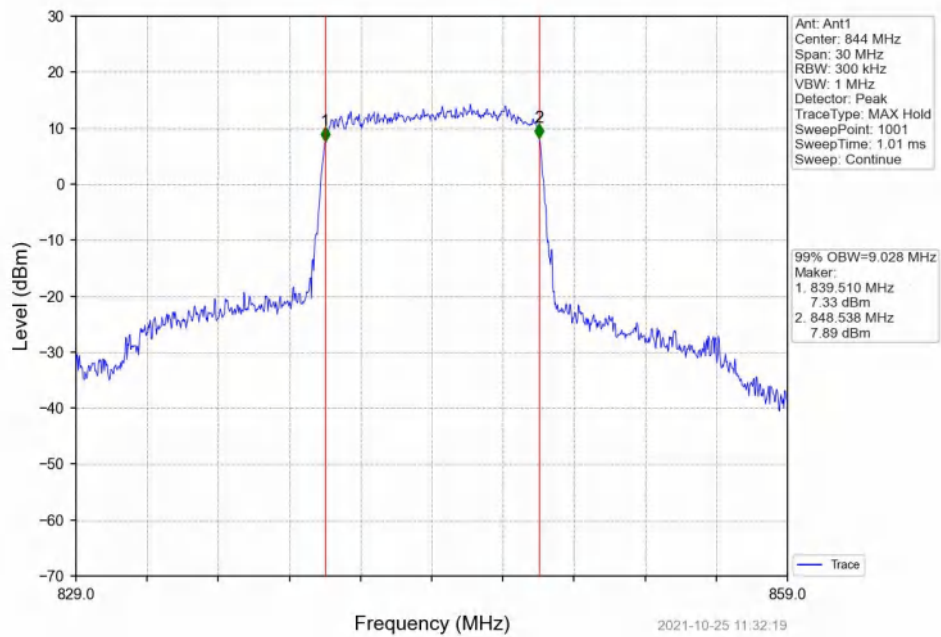
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

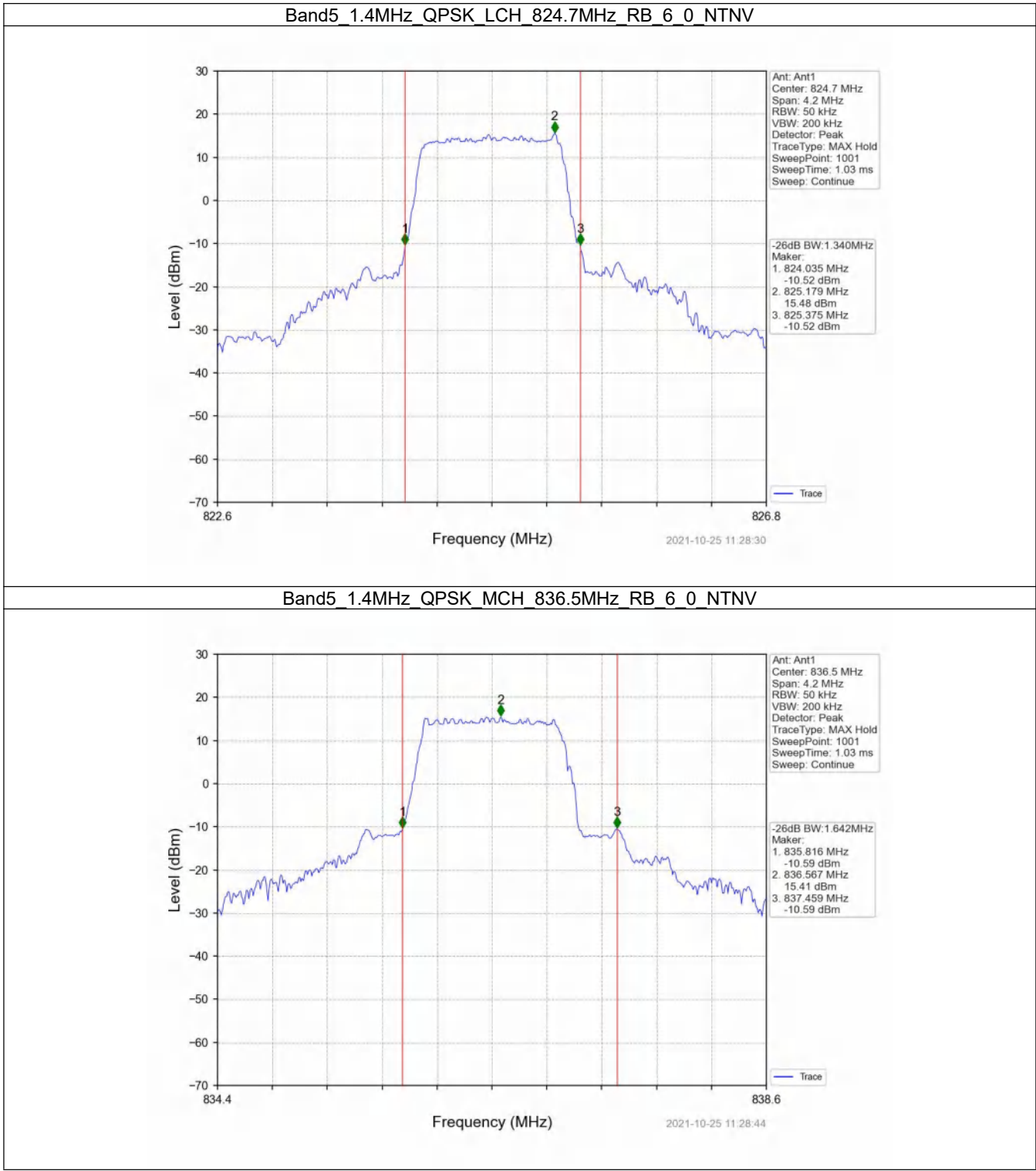


4.2 Band5_XDB

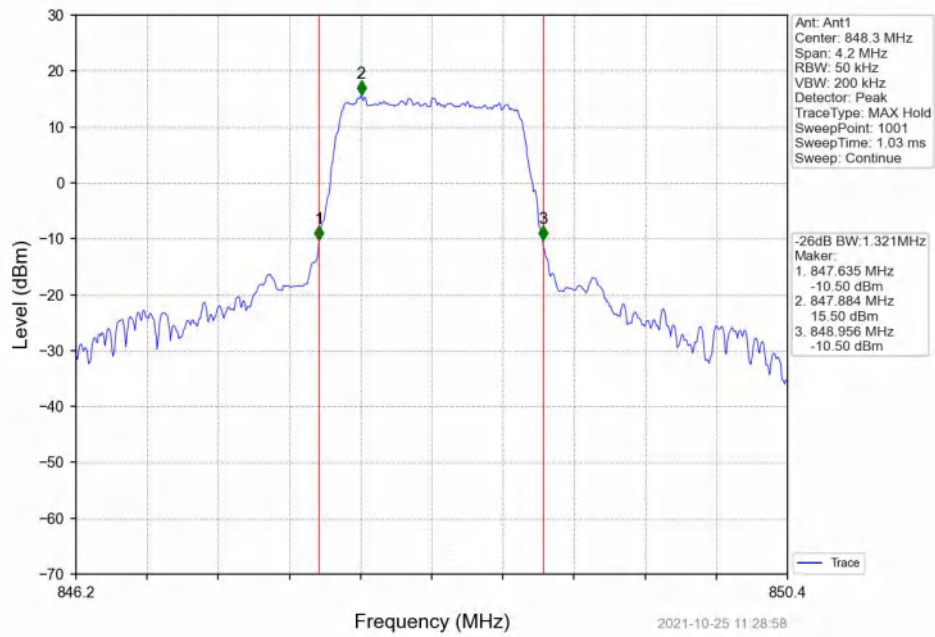
4.2.1 Test Result

Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.340	Pass
		836.5	6	0	1.642	Pass
		848.3	6	0	1.321	Pass
	16QAM	824.7	6	0	1.339	Pass
		836.5	6	0	1.340	Pass
		848.3	6	0	1.316	Pass
3	QPSK	825.5	15	0	2.989	Pass
		836.5	15	0	3.009	Pass
		847.5	15	0	2.979	Pass
	16QAM	825.5	15	0	2.972	Pass
		836.5	15	0	3.003	Pass
		847.5	15	0	2.982	Pass
5	QPSK	826.5	25	0	5.058	Pass
		836.5	25	0	5.156	Pass
		846.5	25	0	5.407	Pass
	16QAM	826.5	25	0	5.123	Pass
		836.5	25	0	5.168	Pass
		846.5	25	0	5.026	Pass
10	QPSK	829	50	0	9.913	Pass
		836.5	50	0	11.056	Pass
		844	50	0	9.977	Pass
	16QAM	829	50	0	9.906	Pass
		836.5	50	0	9.919	Pass
		844	50	0	10.014	Pass

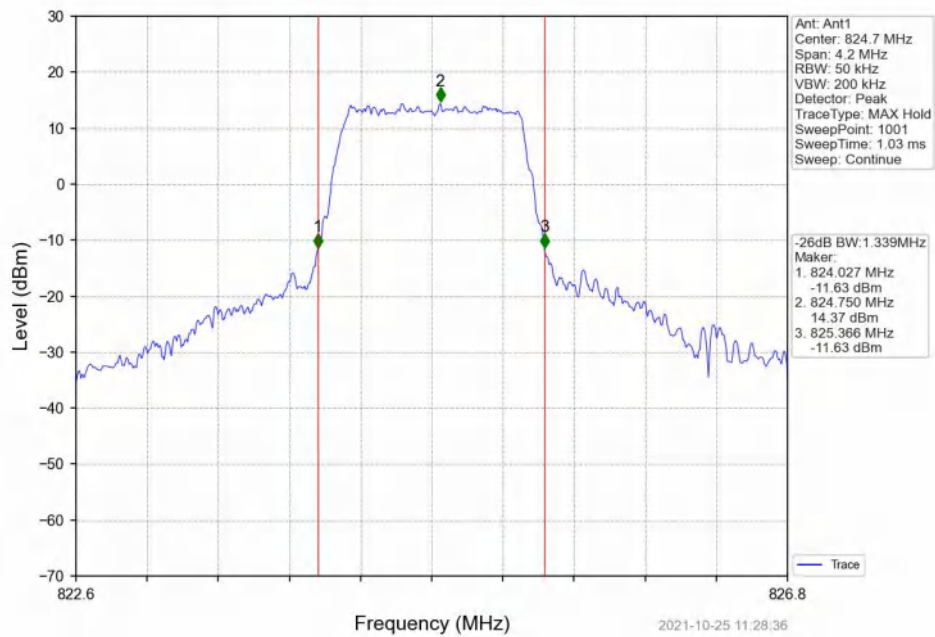
4.2.2 Test Graph



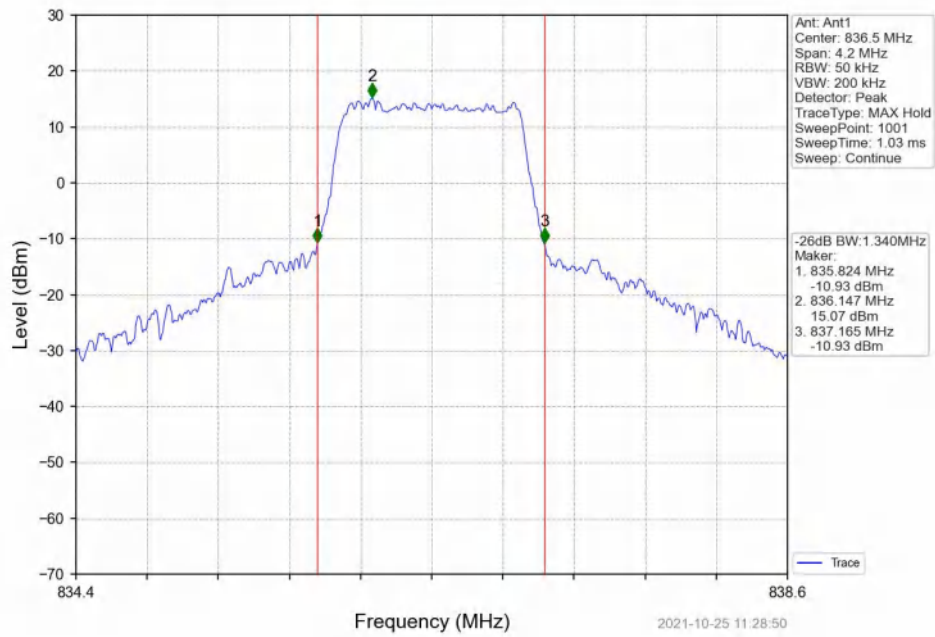
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



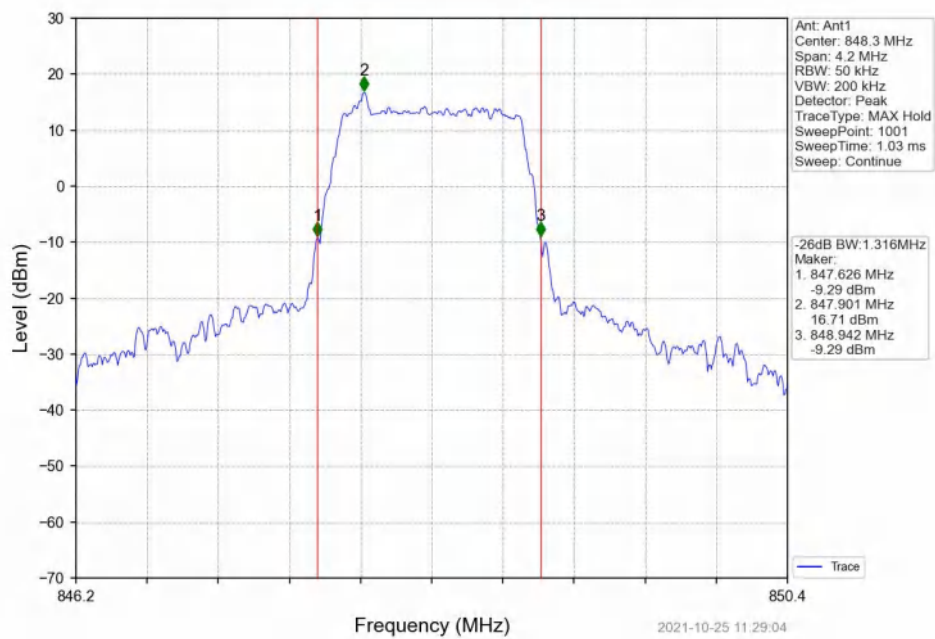
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



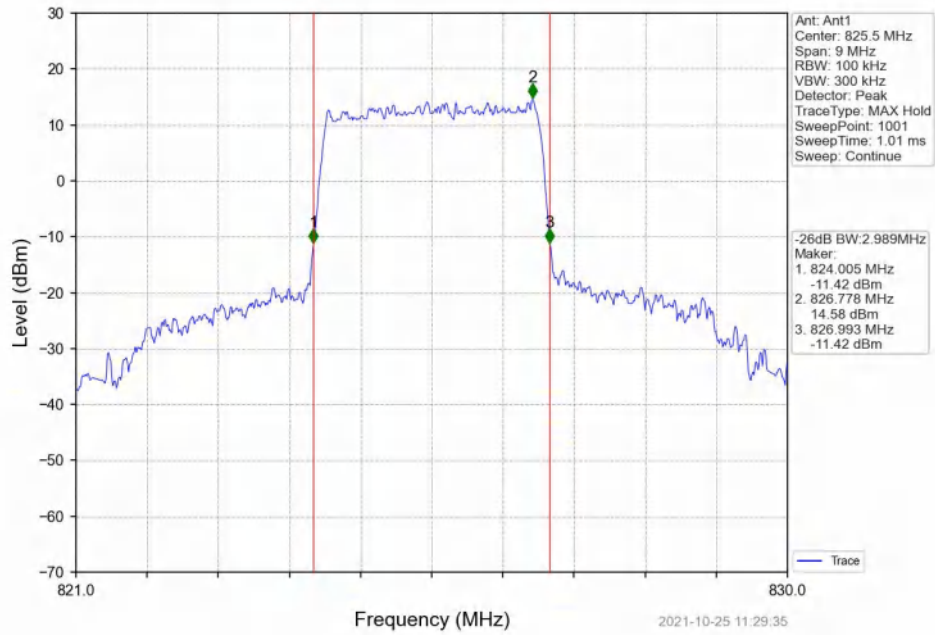
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



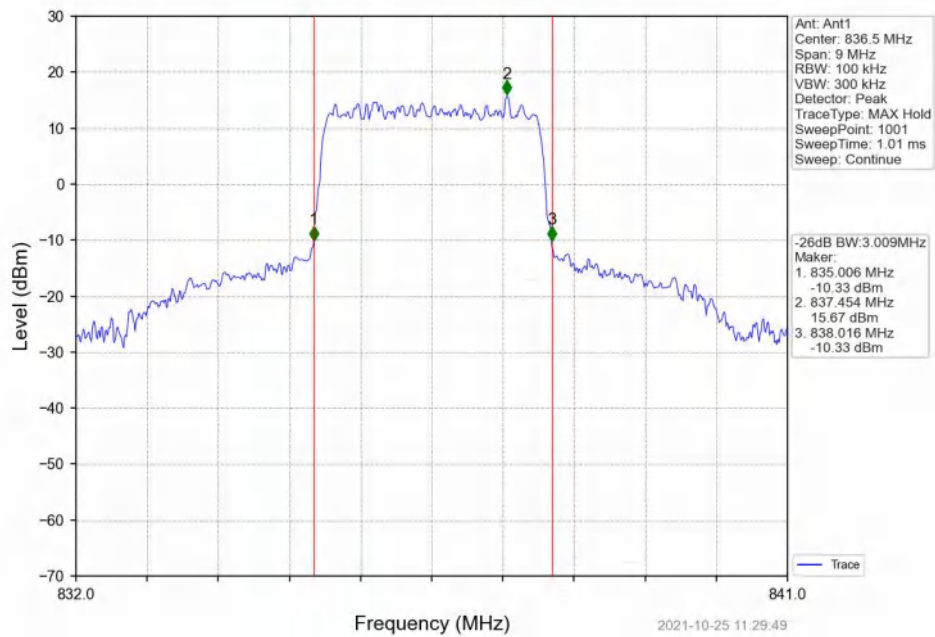
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



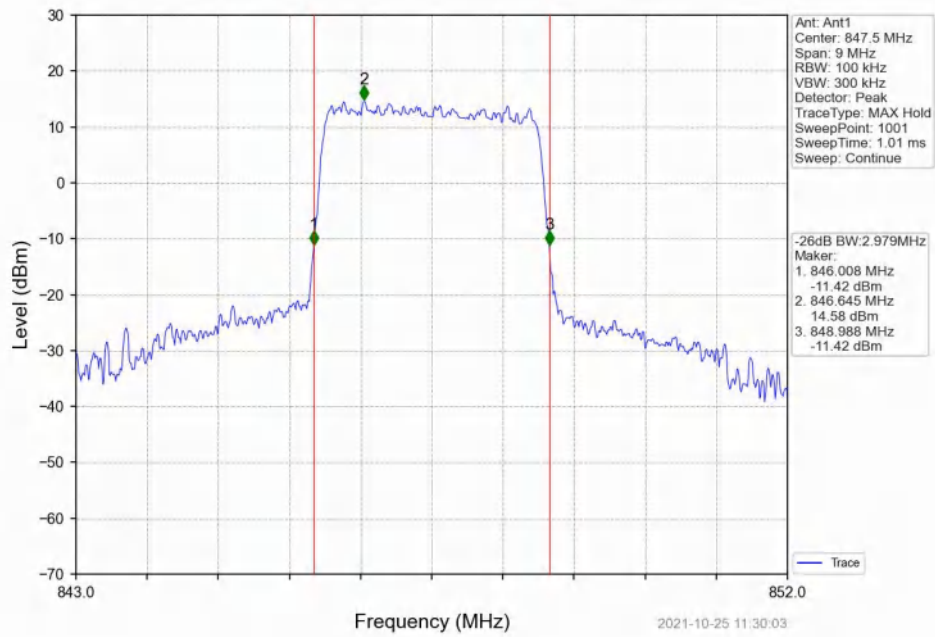
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



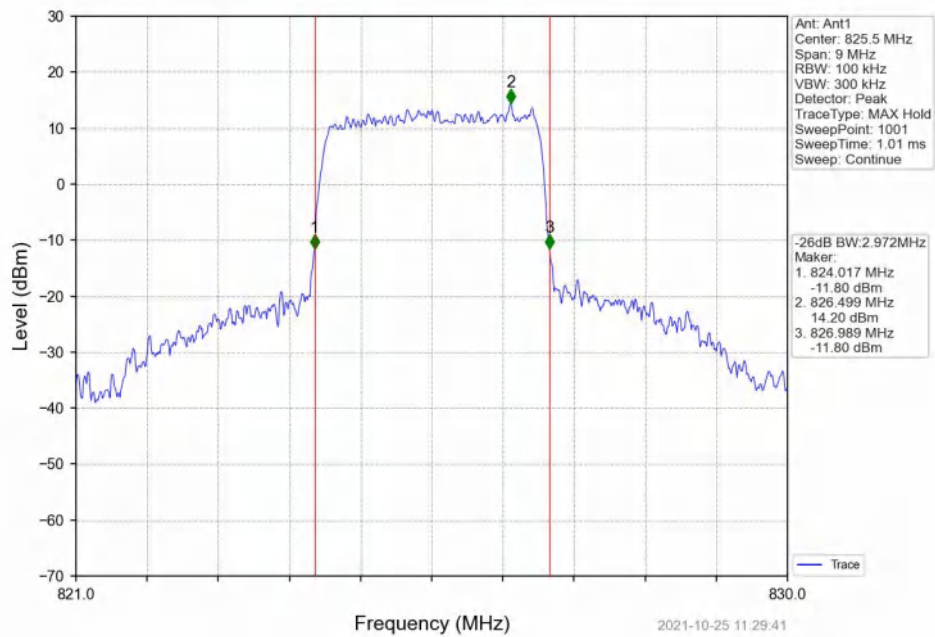
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



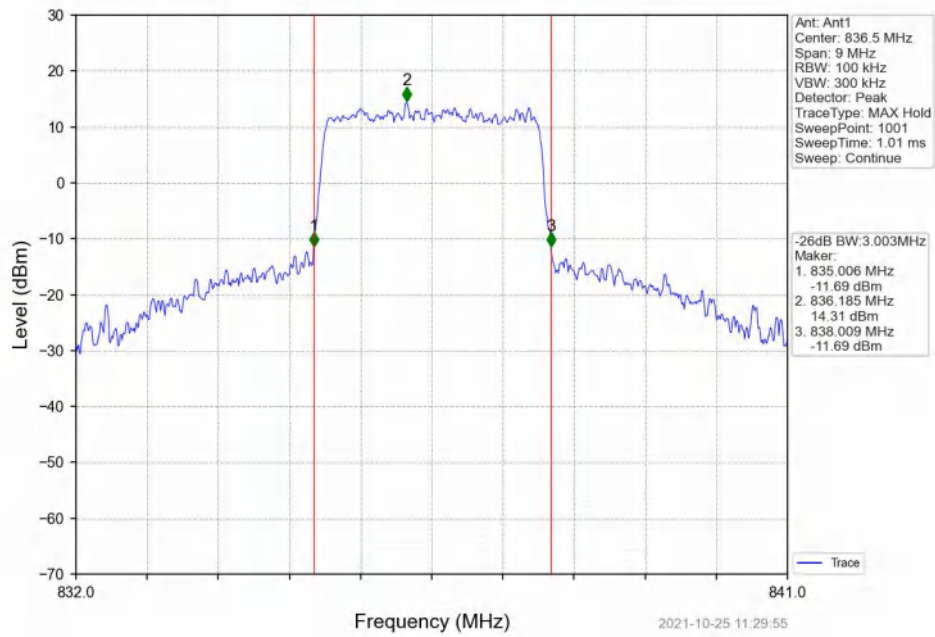
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



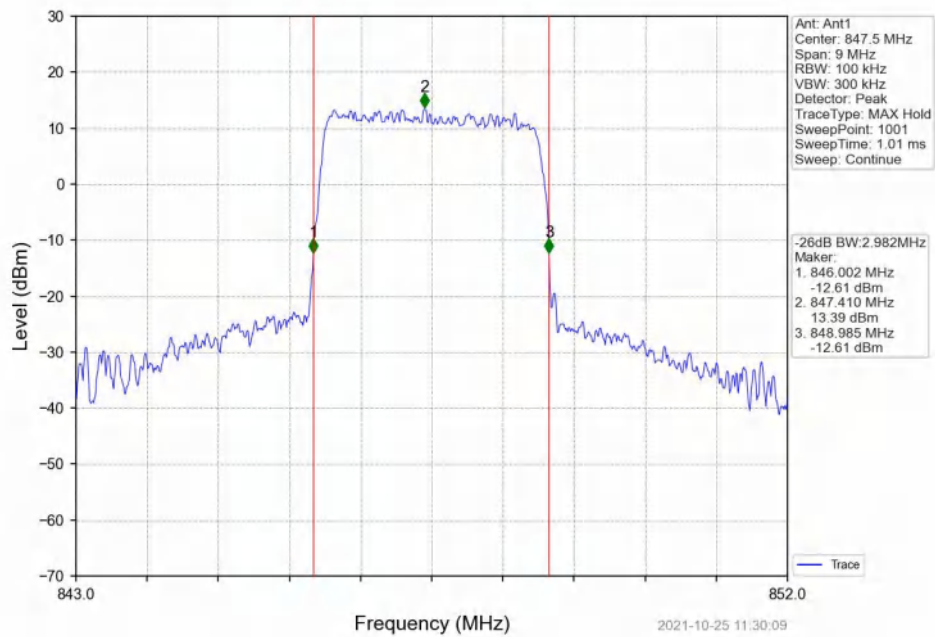
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



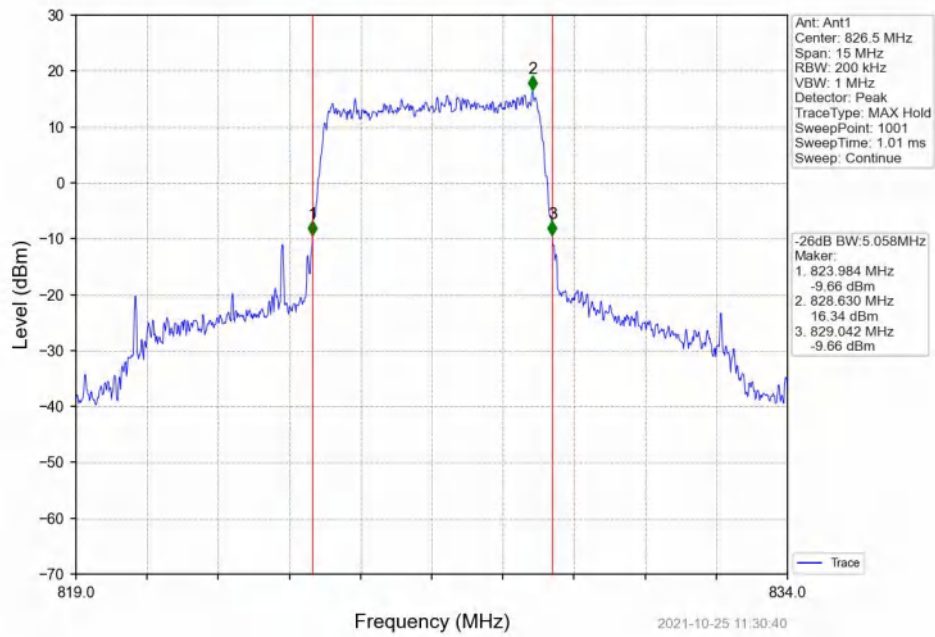
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



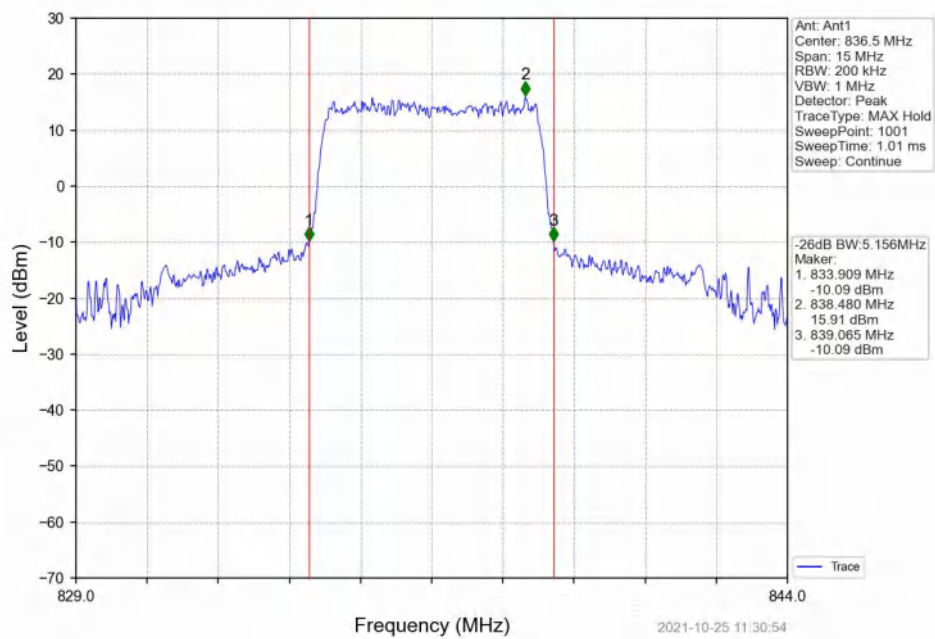
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



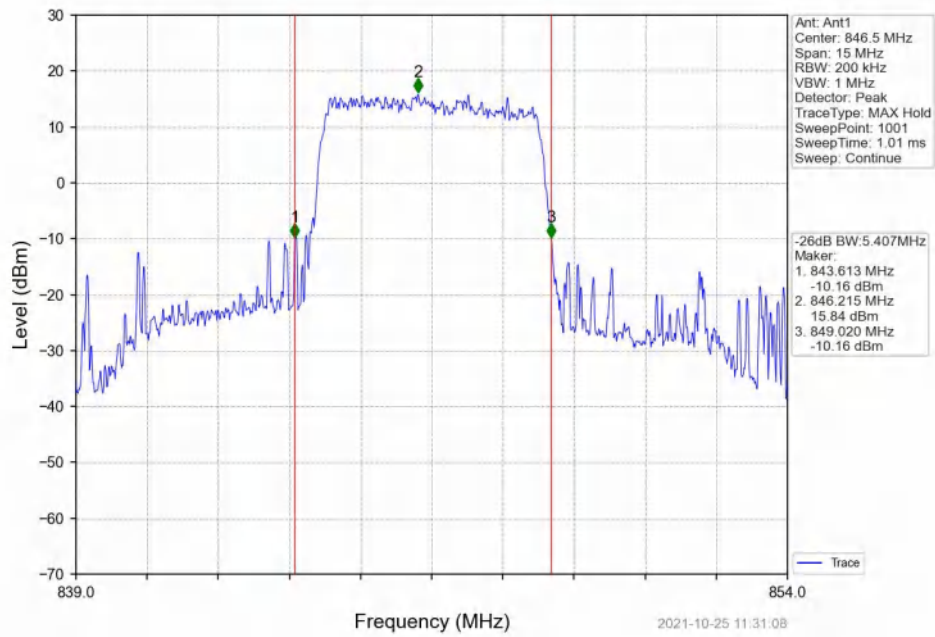
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



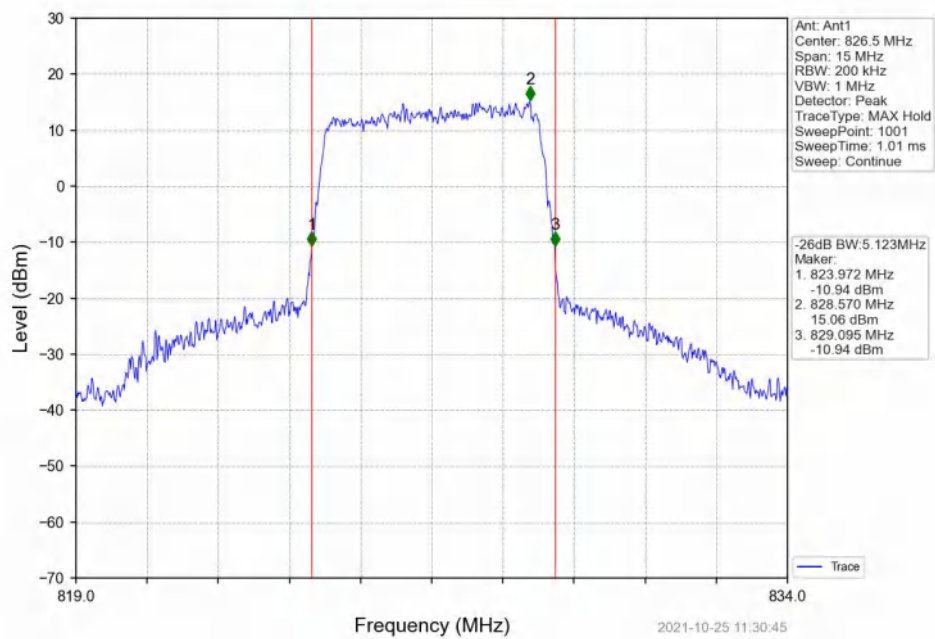
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



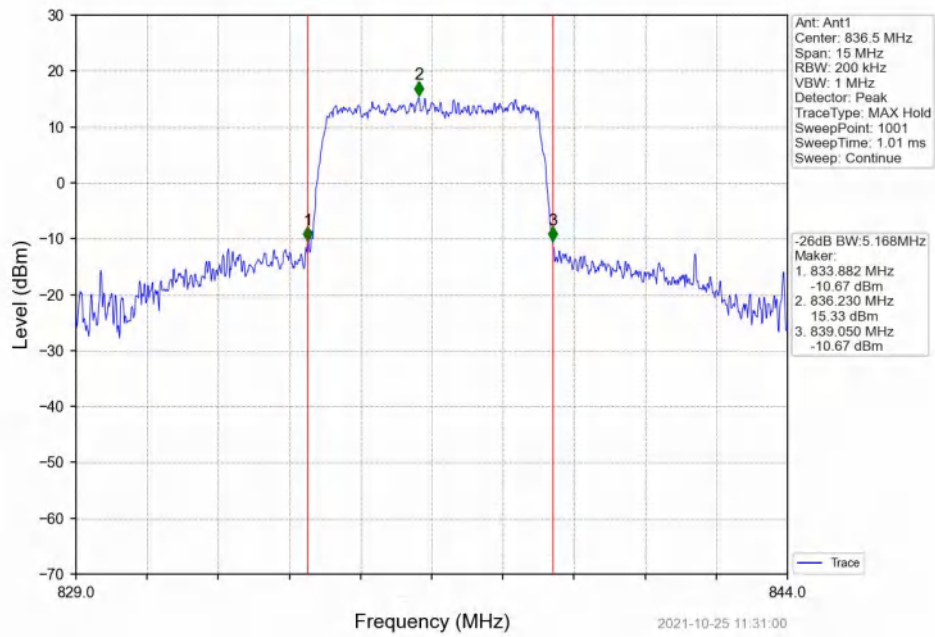
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



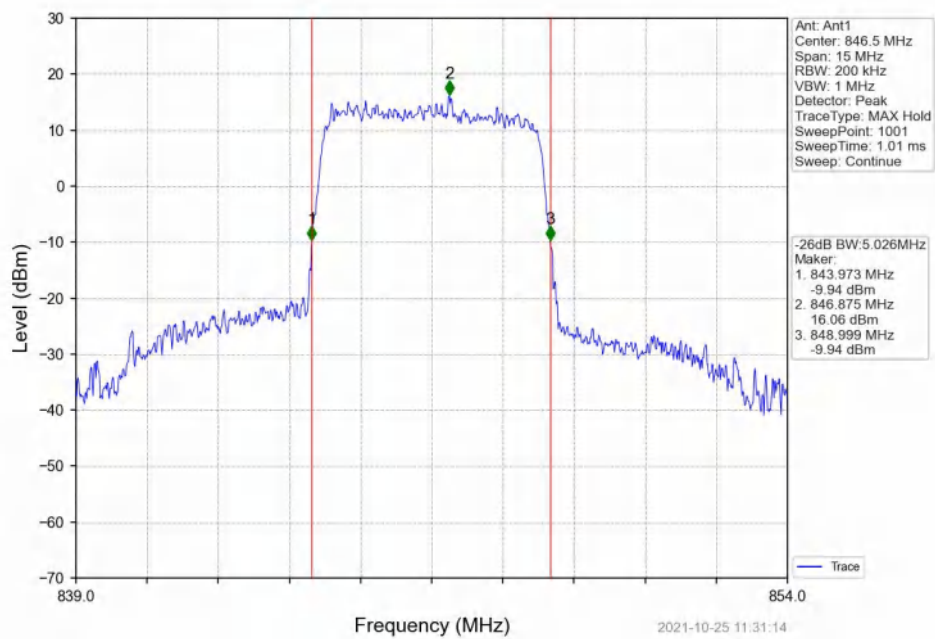
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



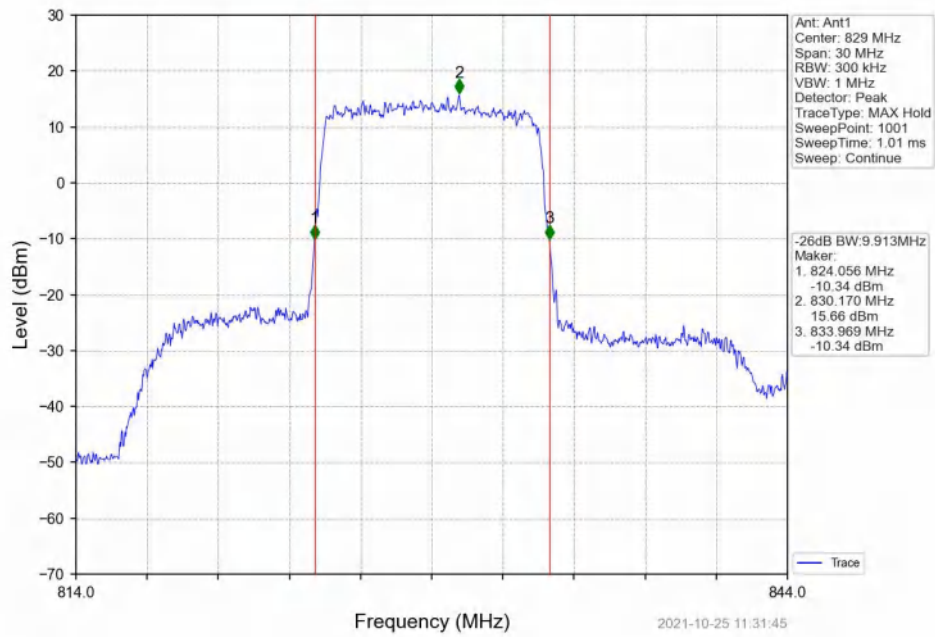
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



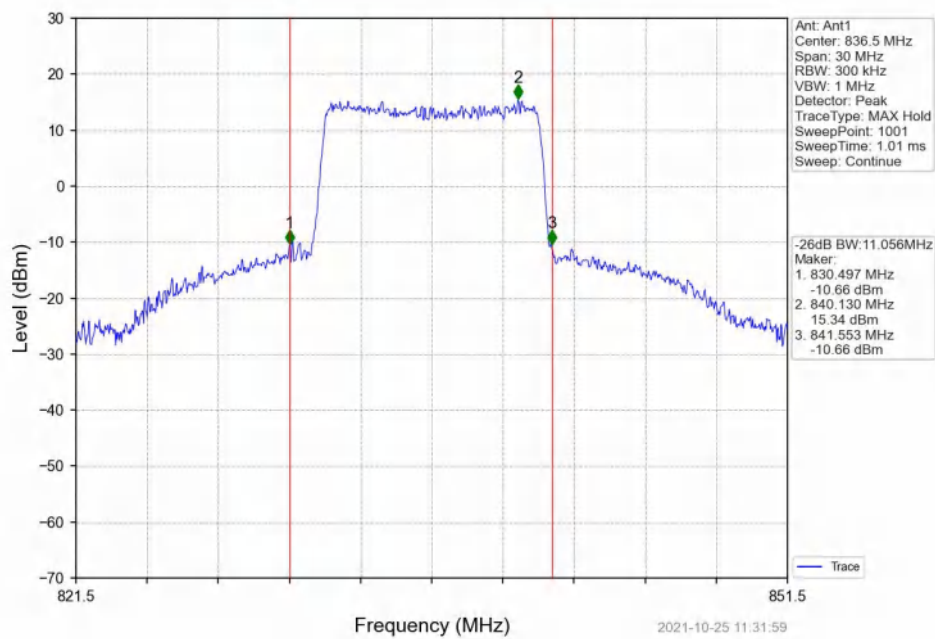
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



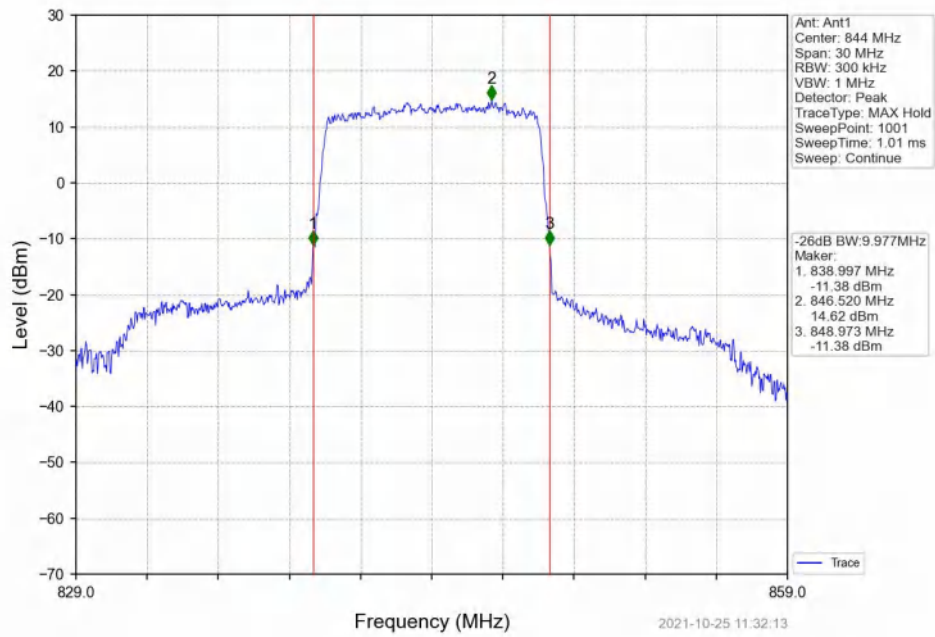
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



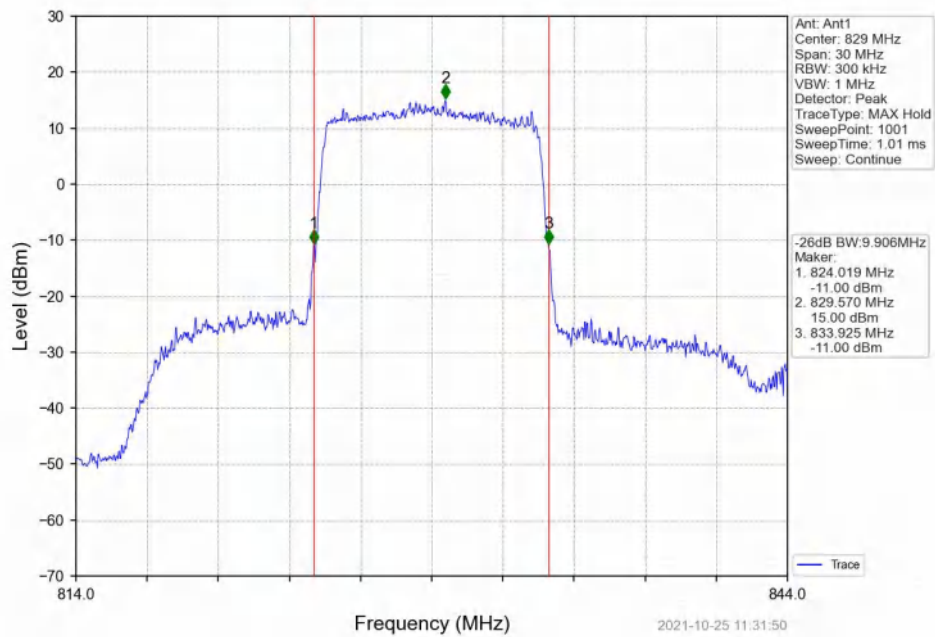
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



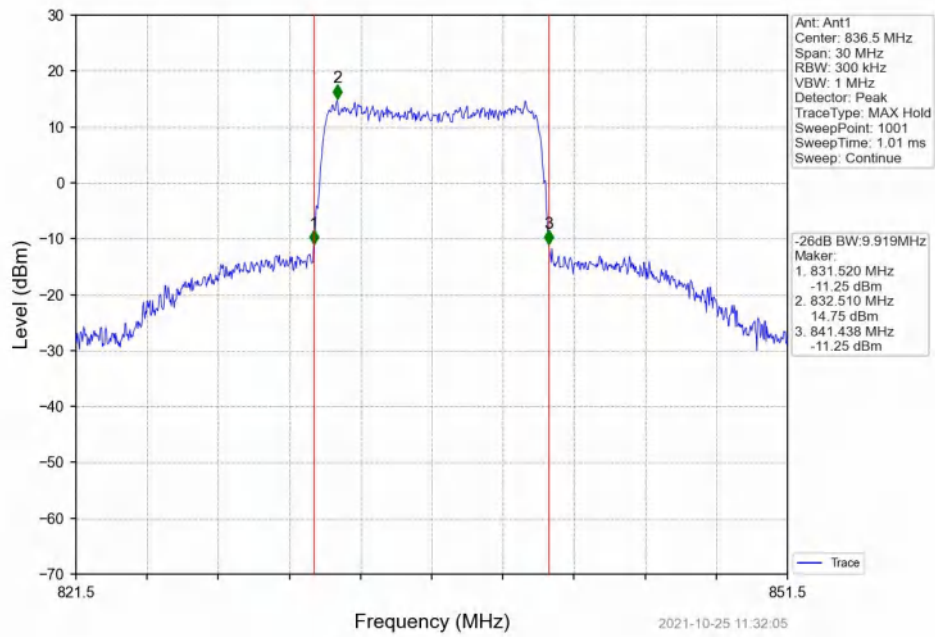
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



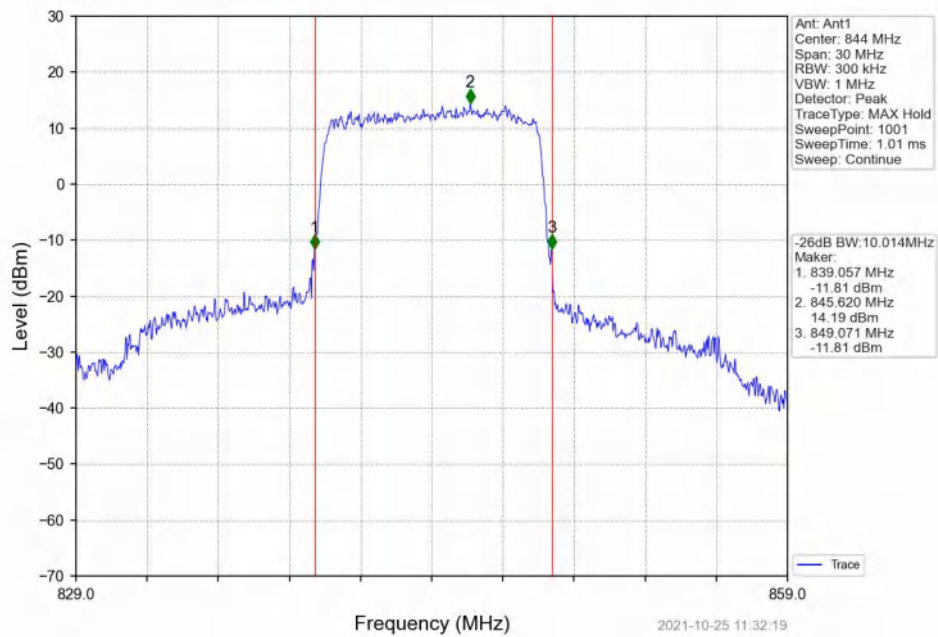
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



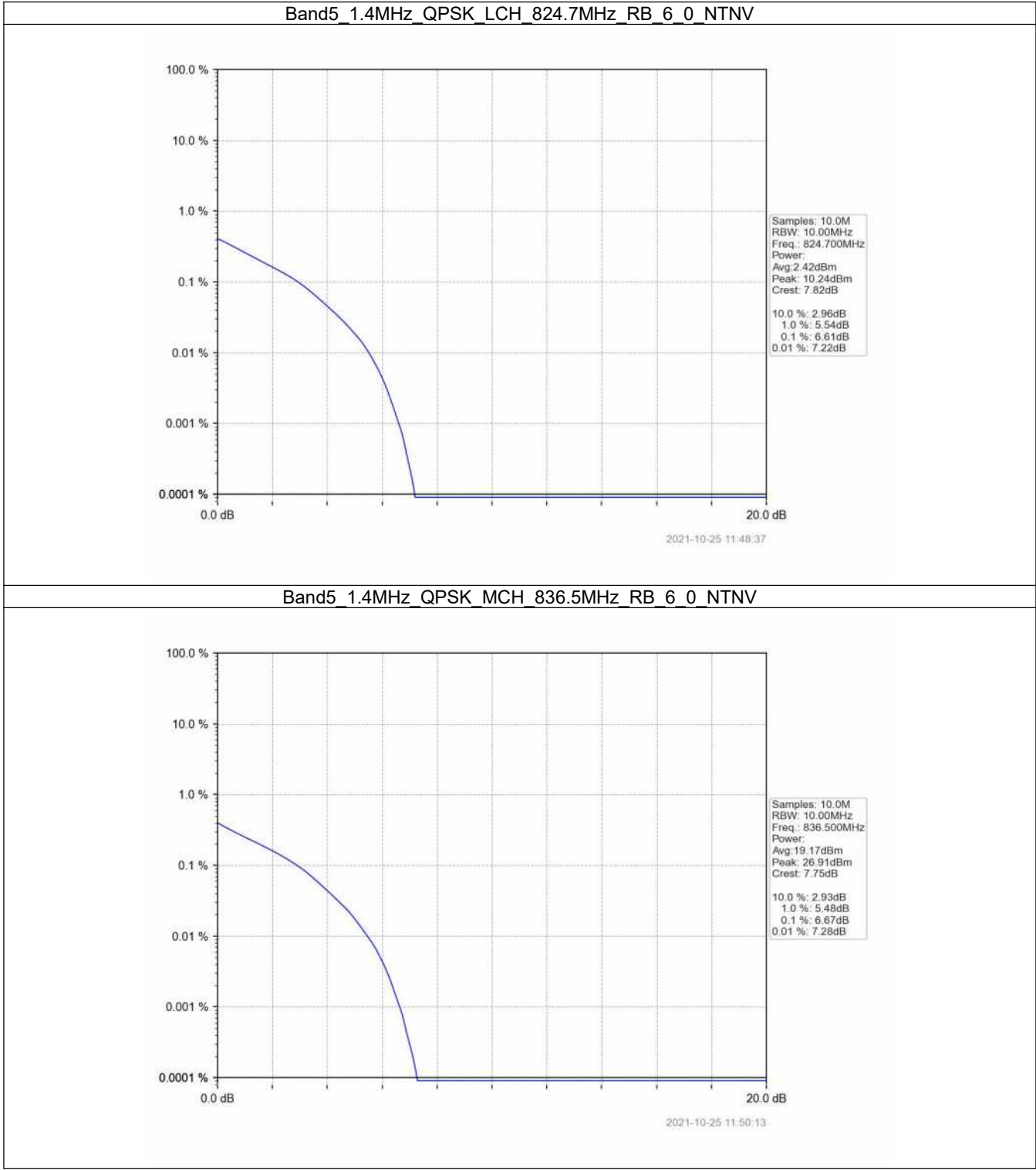
5. Peak-Average Ratio

5.1 B5_1.4MHz

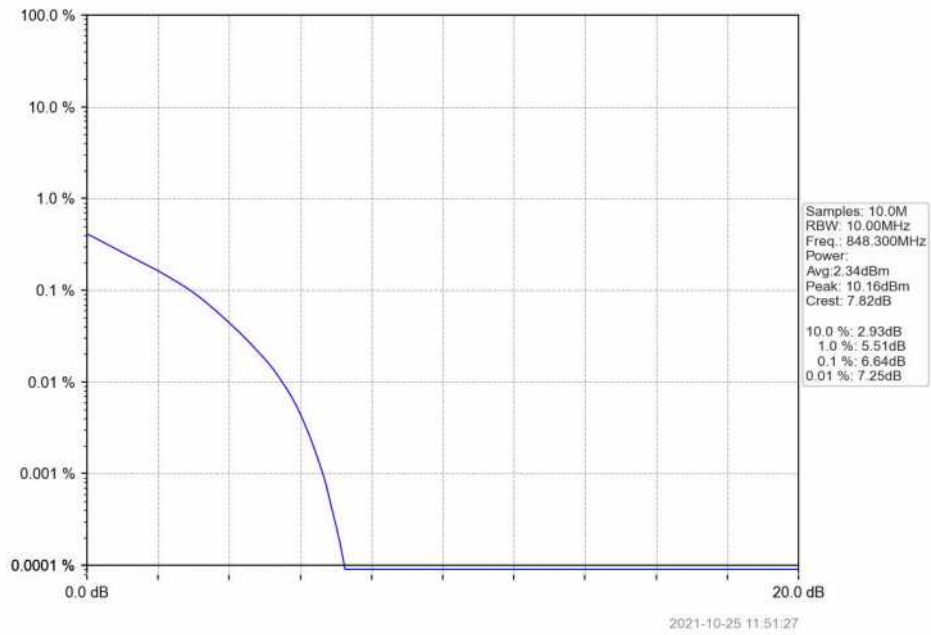
5.1.1 Test Result

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	6.61	<=13	Pass
	836.5	6	0	6.67	<=13	Pass
	848.3	6	0	6.64	<=13	Pass
16QAM	824.7	6	0	7.54	<=13	Pass
	836.5	6	0	7.36	<=13	Pass
	848.3	6	0	6.96	<=13	Pass

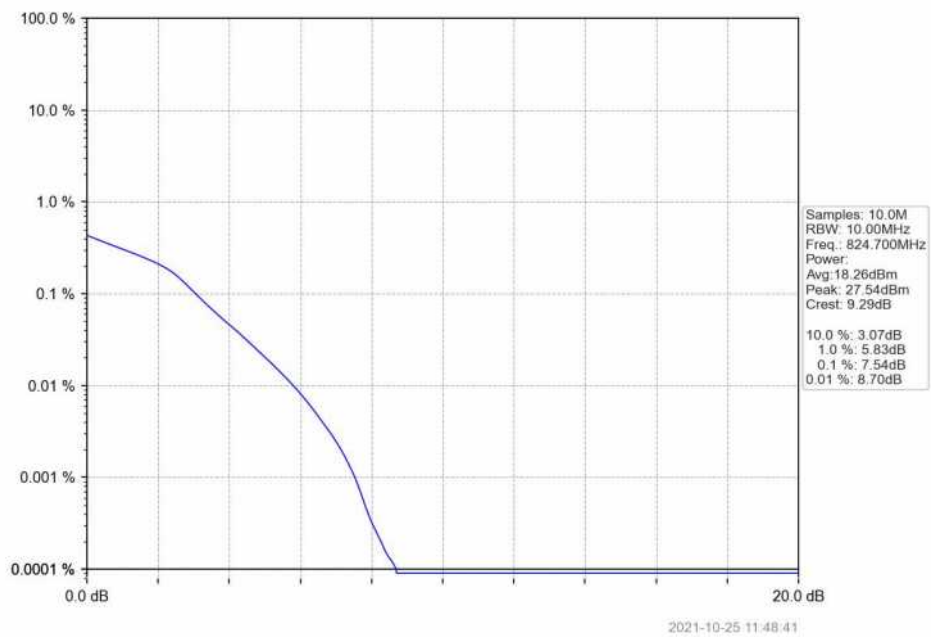
5.1.2 Test Graph



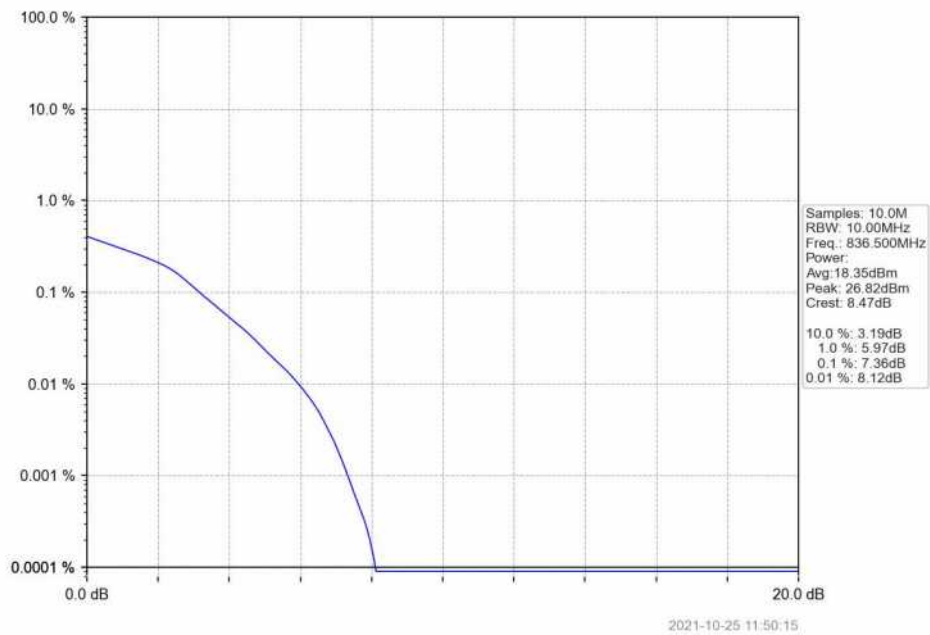
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



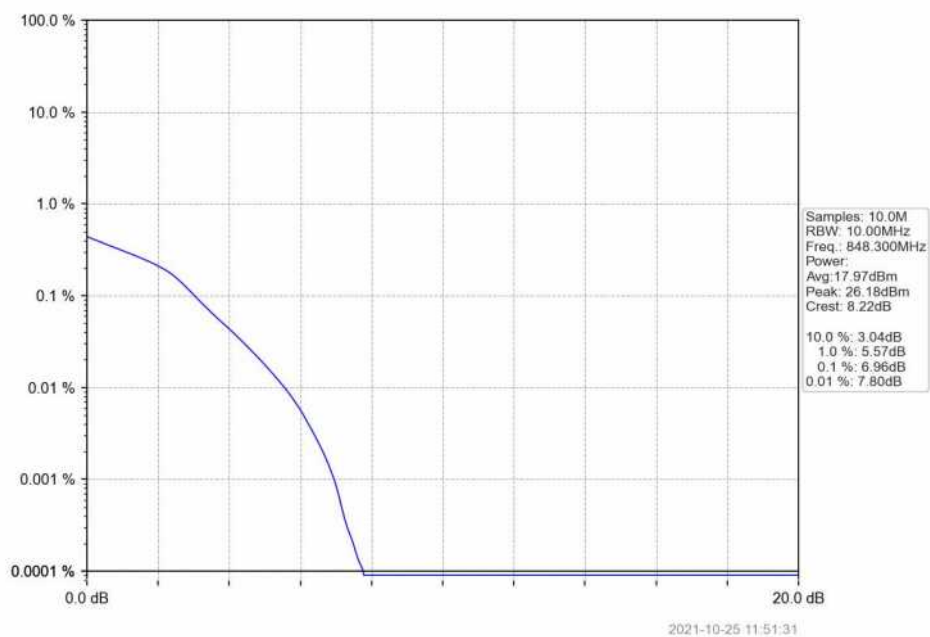
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

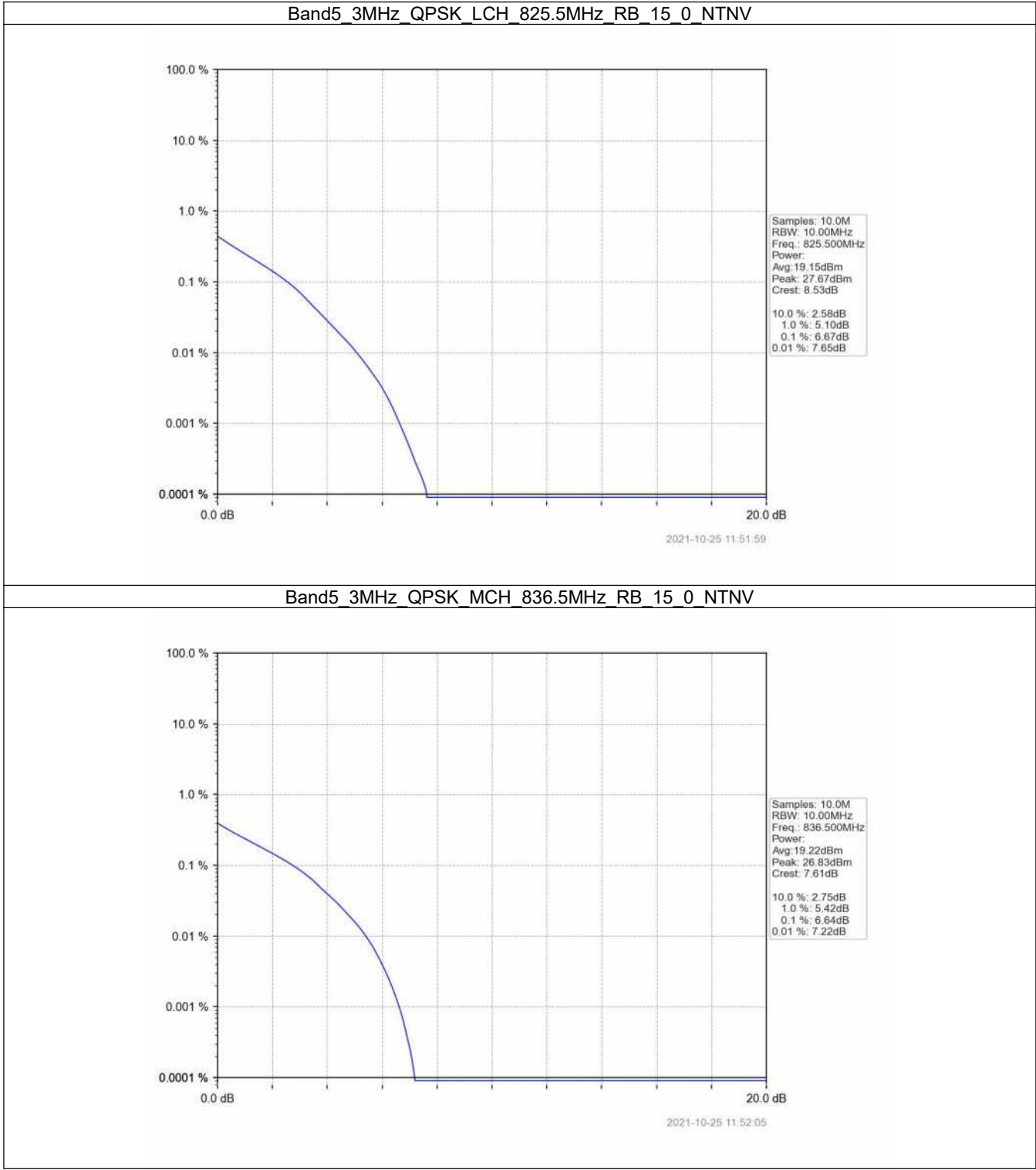


5.2 B5_3MHz

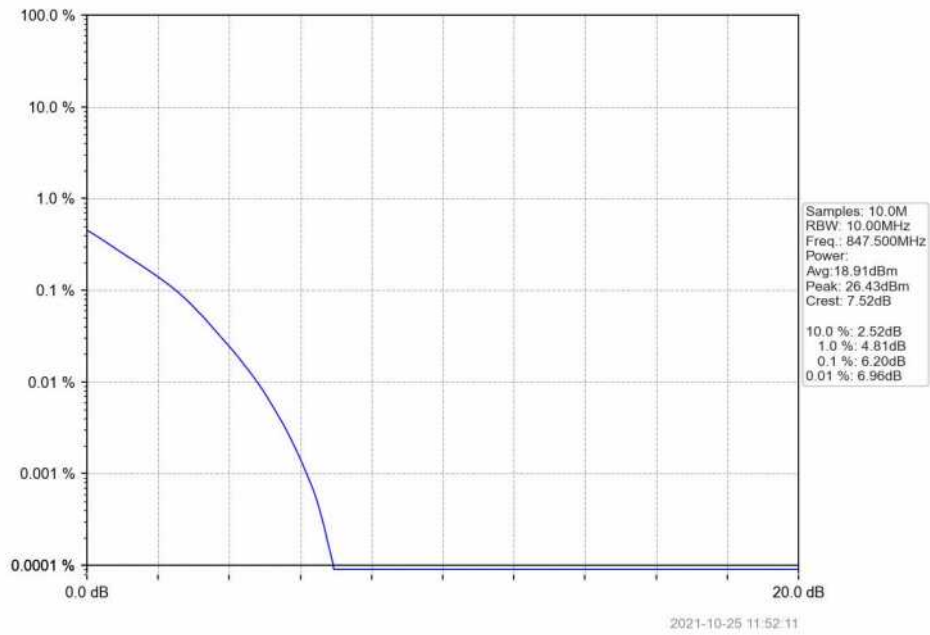
5.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	6.67	<=13	Pass
	836.5	15	0	6.64	<=13	Pass
	847.5	15	0	6.20	<=13	Pass
16QAM	825.5	15	0	7.45	<=13	Pass
	836.5	15	0	7.48	<=13	Pass
	847.5	15	0	6.96	<=13	Pass

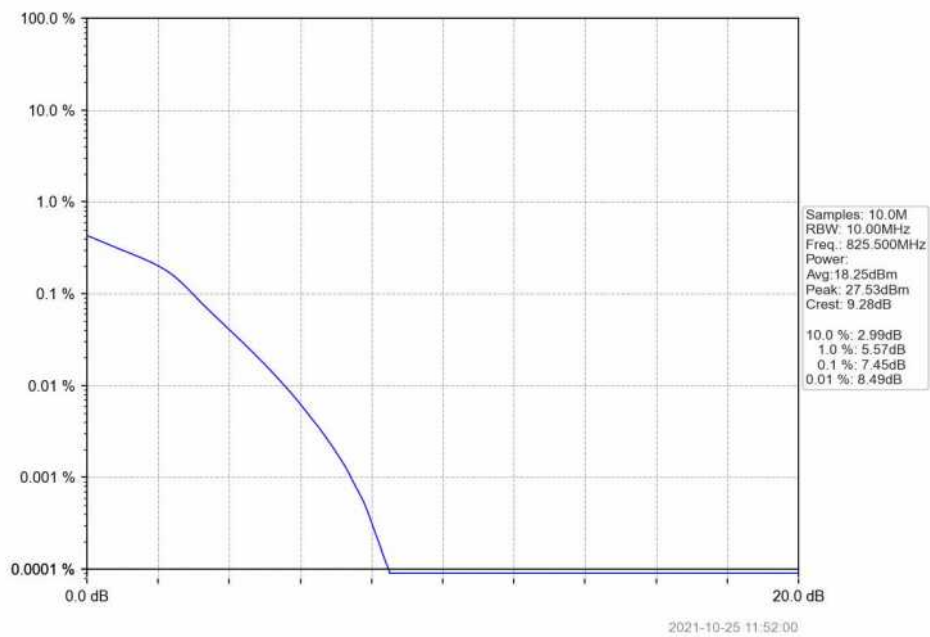
5.2.2 Test Graph



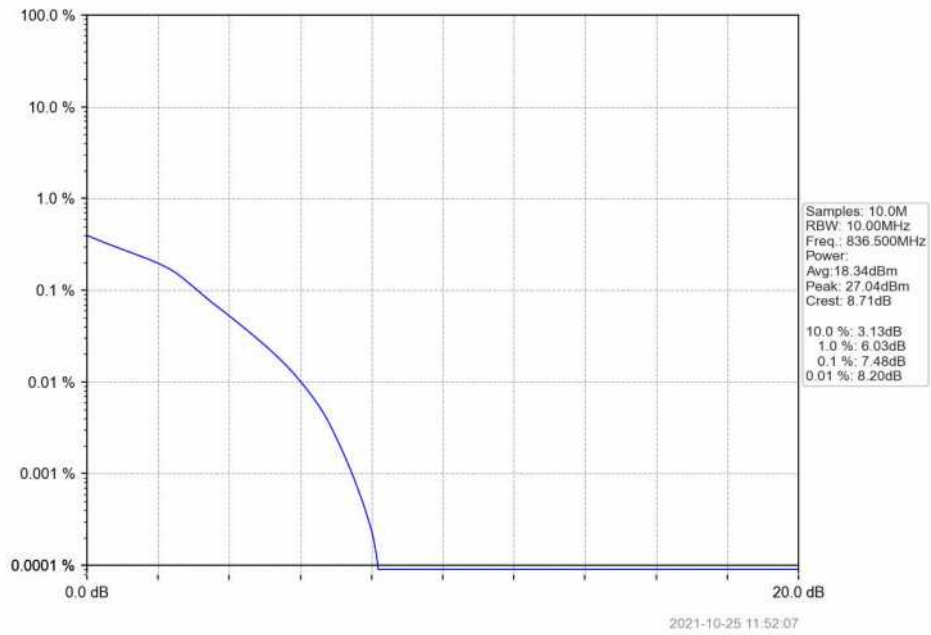
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



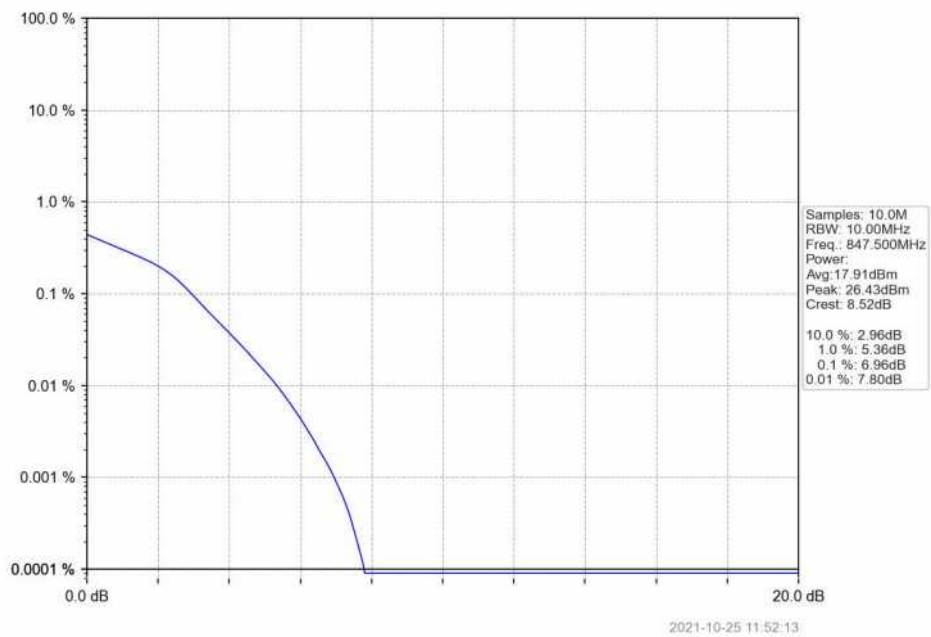
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

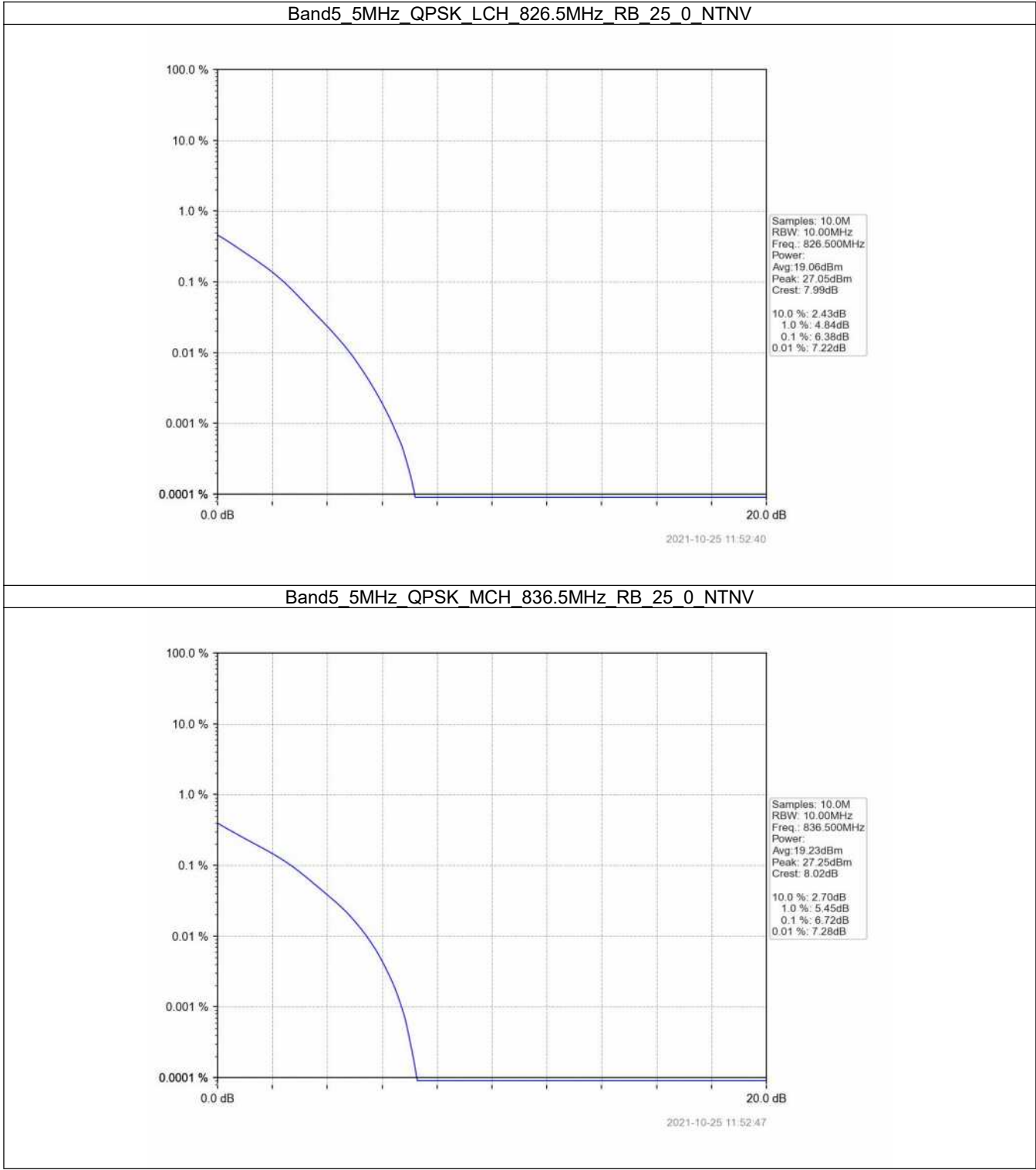


5.3 B5_5MHz

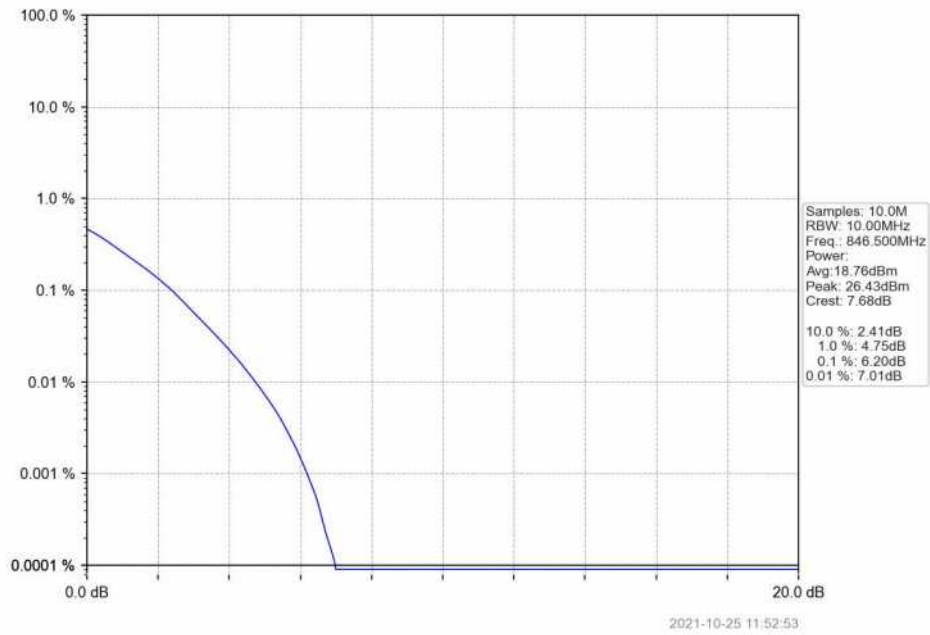
5.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	6.38	<=13	Pass
	836.5	25	0	6.72	<=13	Pass
	846.5	25	0	6.20	<=13	Pass
16QAM	826.5	25	0	7.10	<=13	Pass
	836.5	25	0	7.45	<=13	Pass
	846.5	25	0	6.84	<=13	Pass

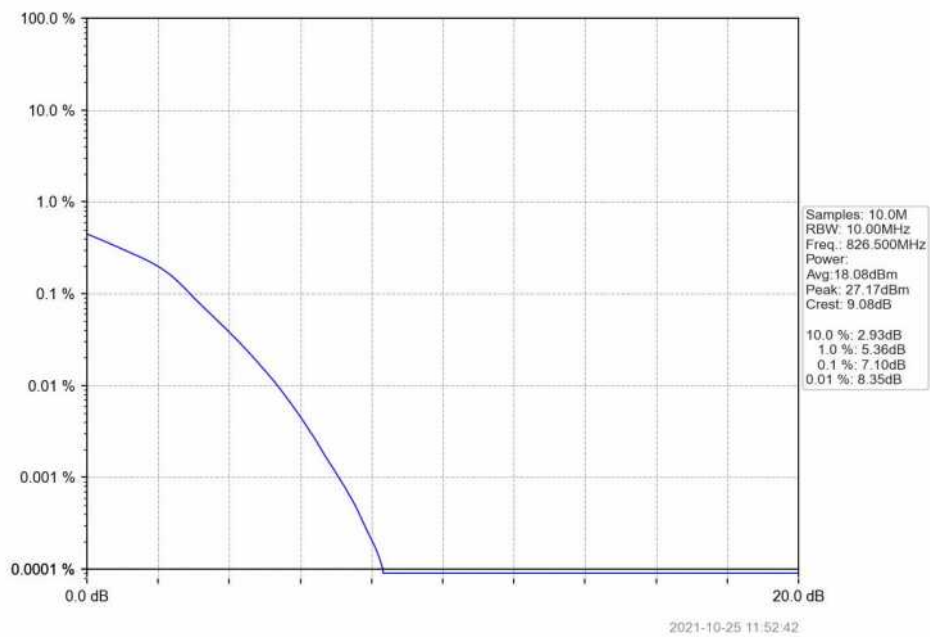
5.3.2 Test Graph



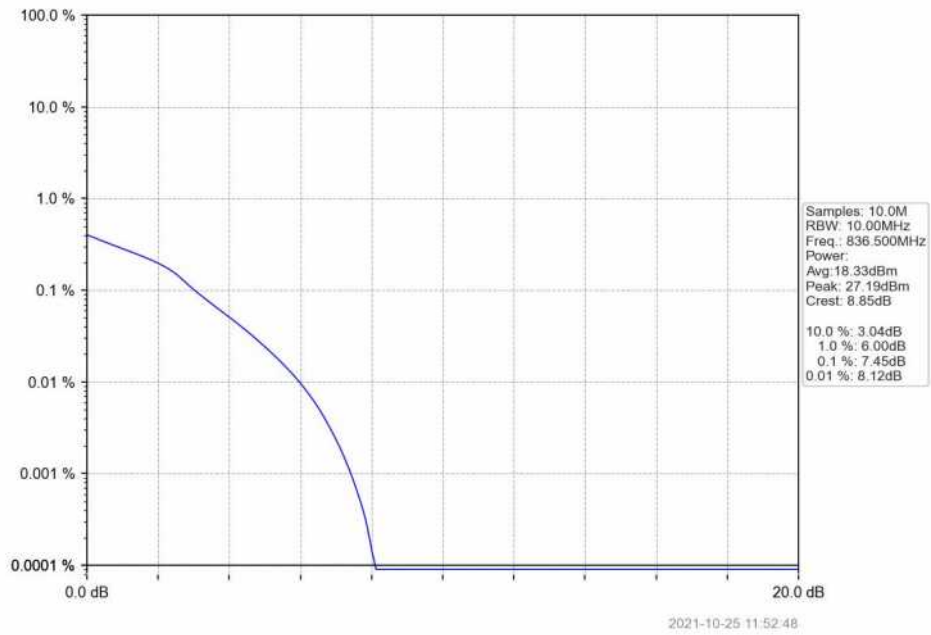
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



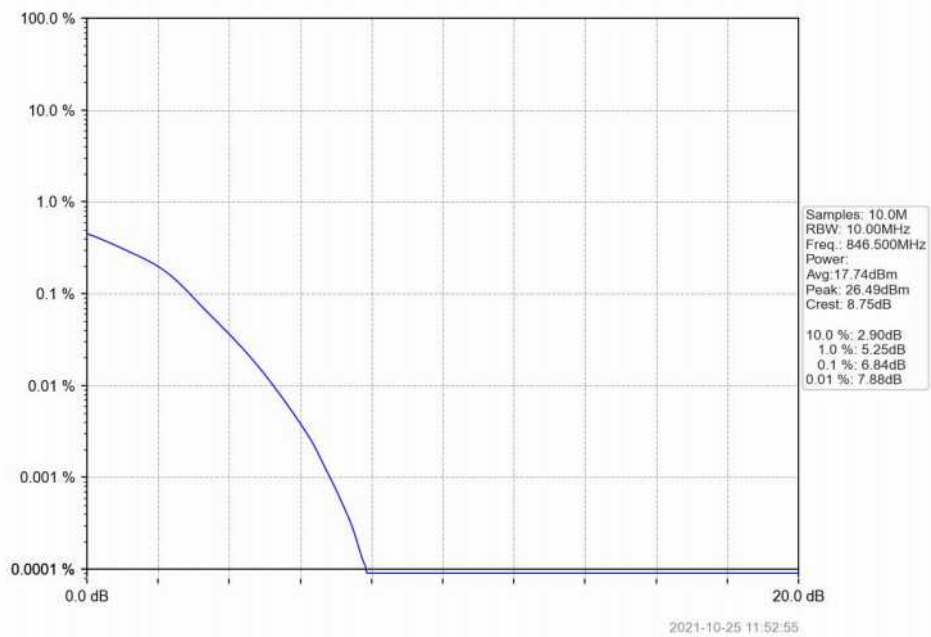
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

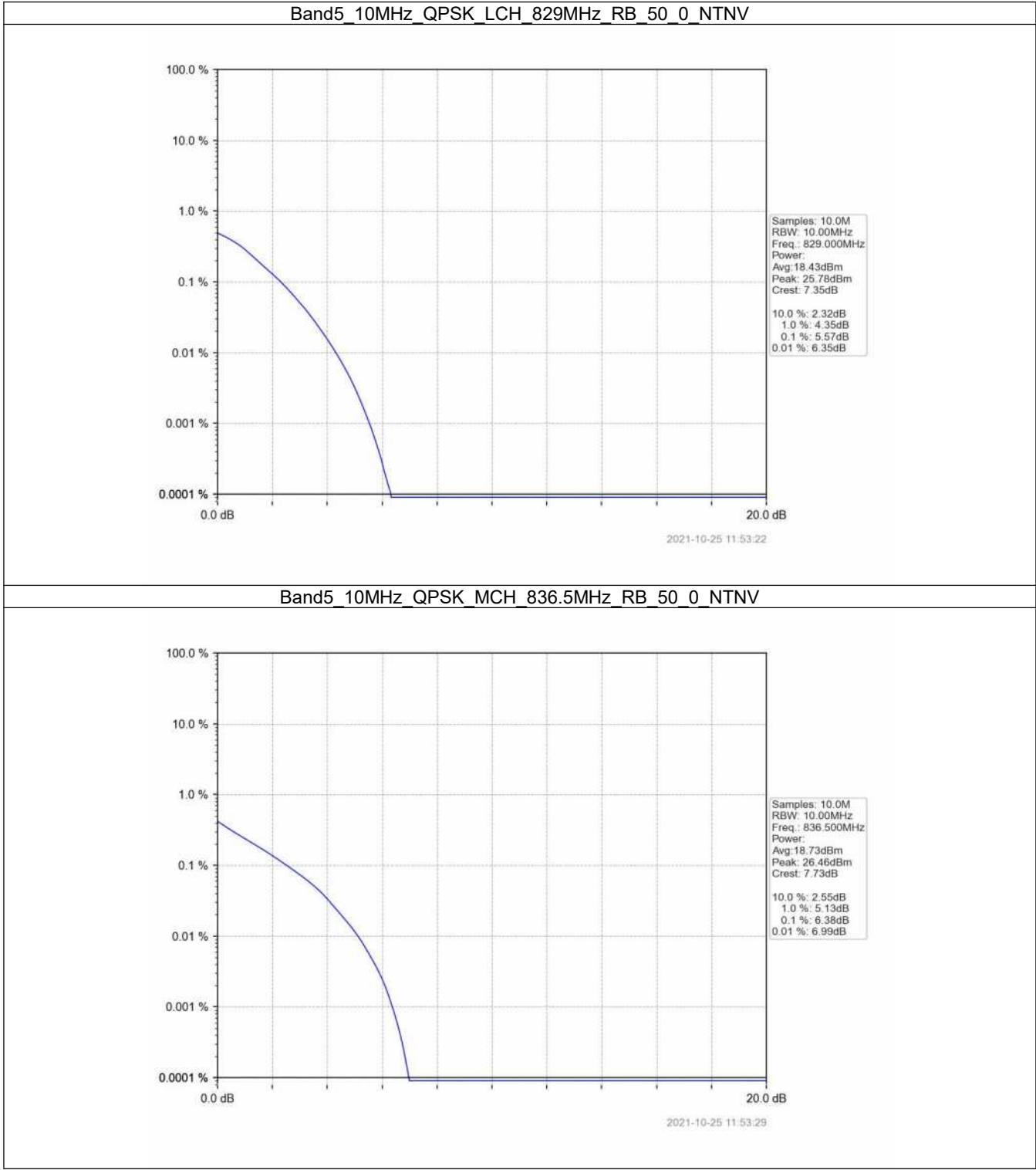


5.4 B5_10MHz

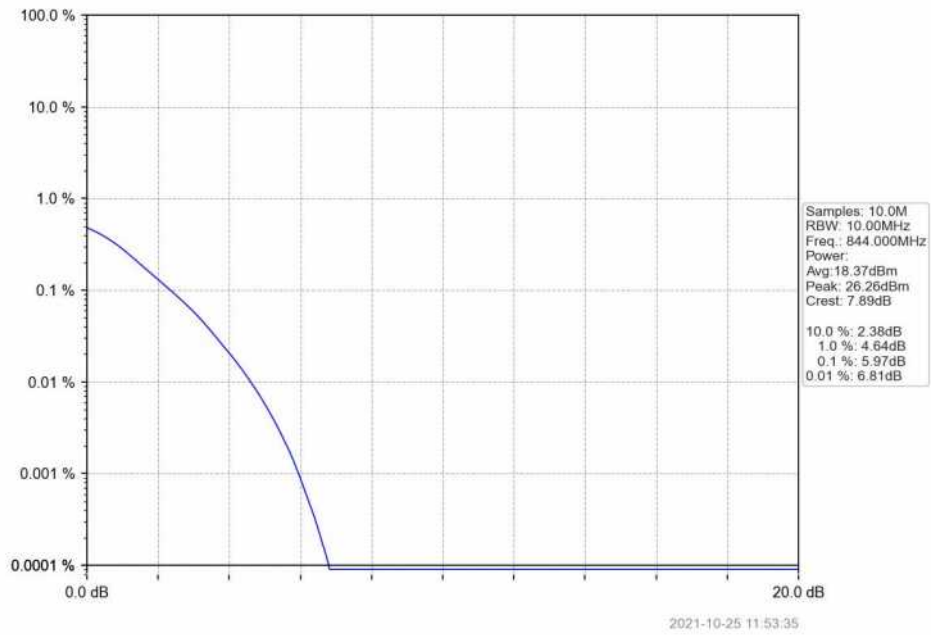
5.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.57	<=13	Pass
	836.5	50	0	6.38	<=13	Pass
	844	50	0	5.97	<=13	Pass
16QAM	829	50	0	6.52	<=13	Pass
	836.5	50	0	7.25	<=13	Pass
	844	50	0	6.87	<=13	Pass

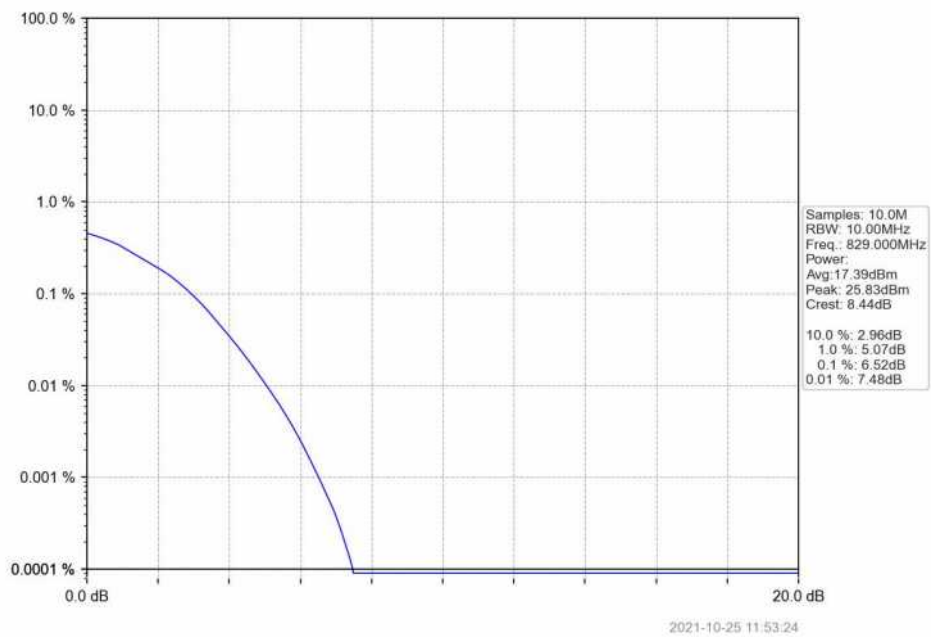
5.4.2 Test Graph



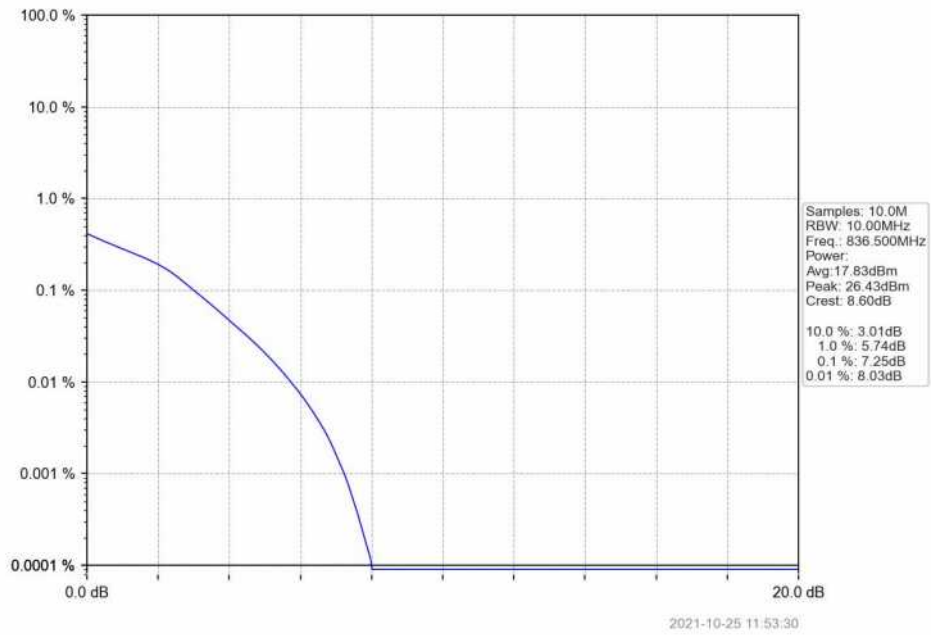
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



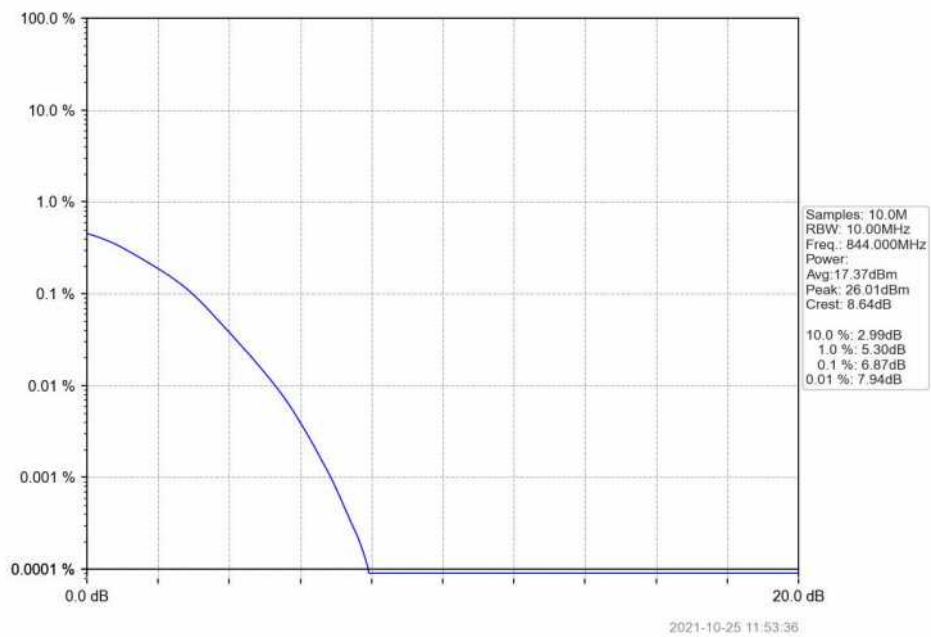
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



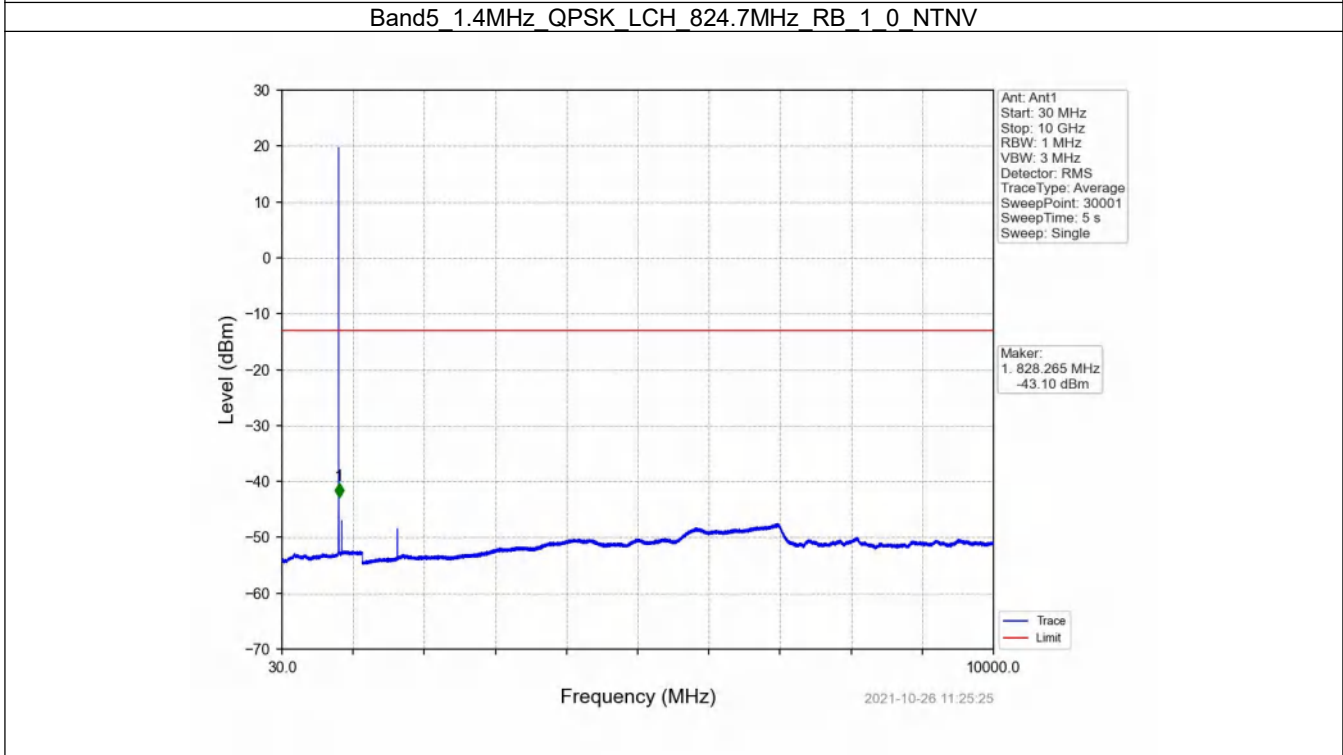
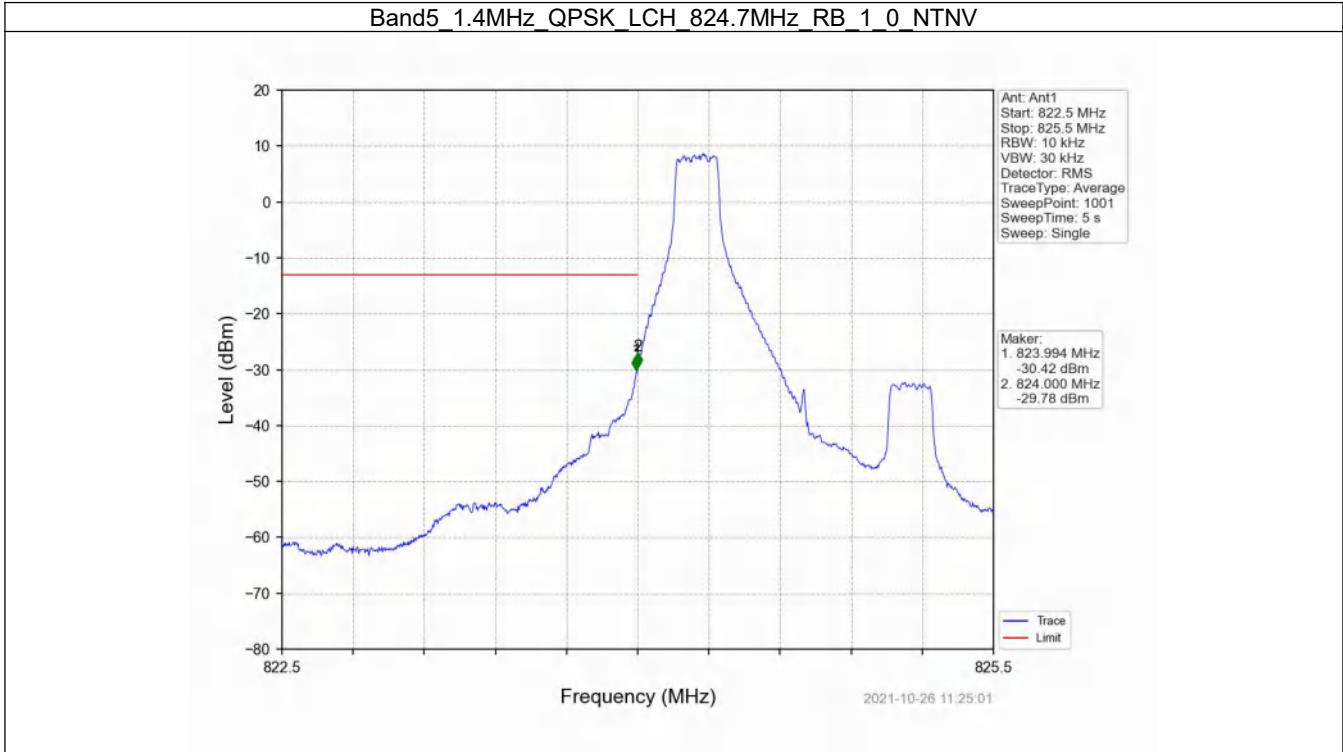
6. Spurious Emission

6.1 B5_1.4MHz

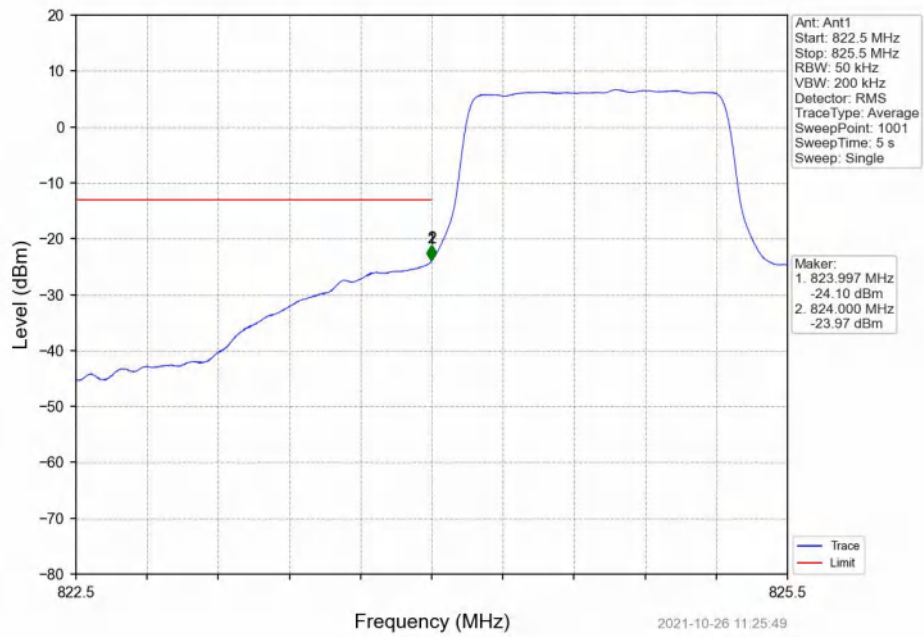
6.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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

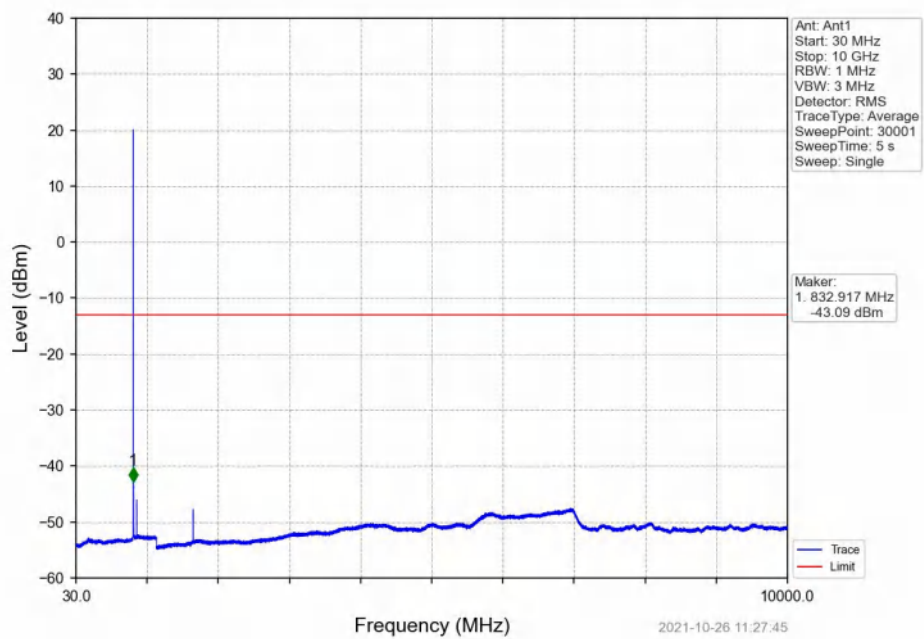
6.1.2 Test Graph



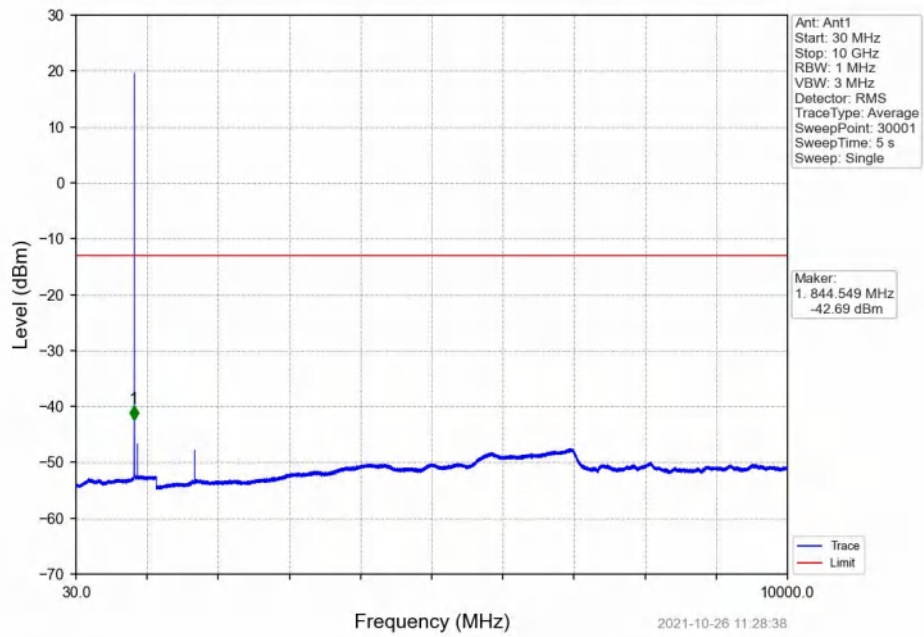
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



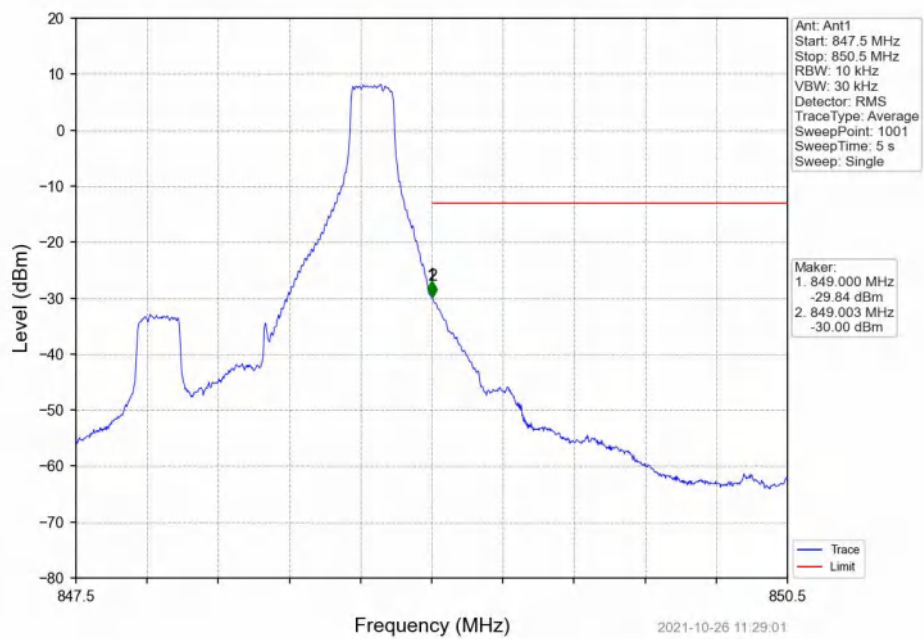
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



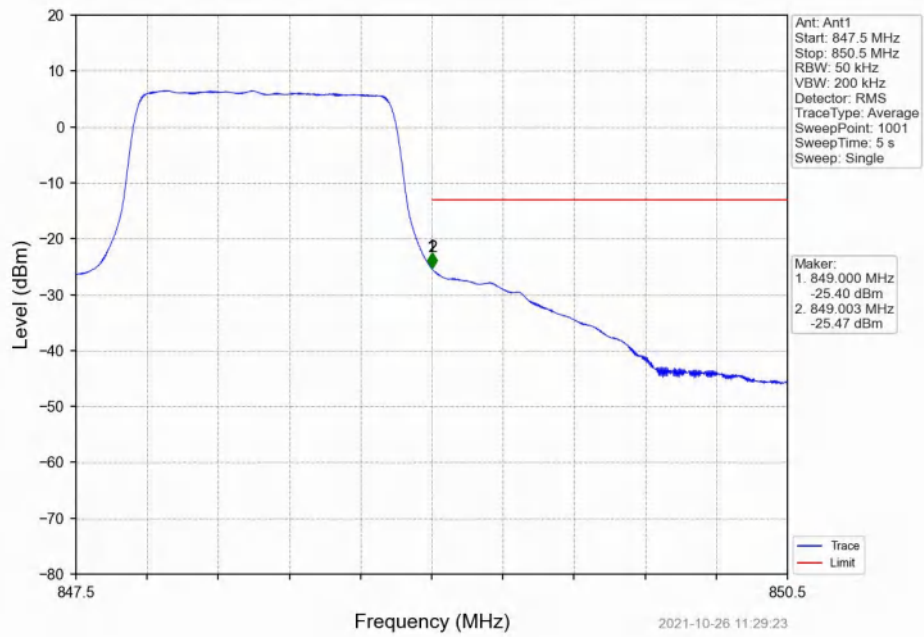
Band5 1.4MHz QPSK HCH 848.3MHz RB 1_0 NTN



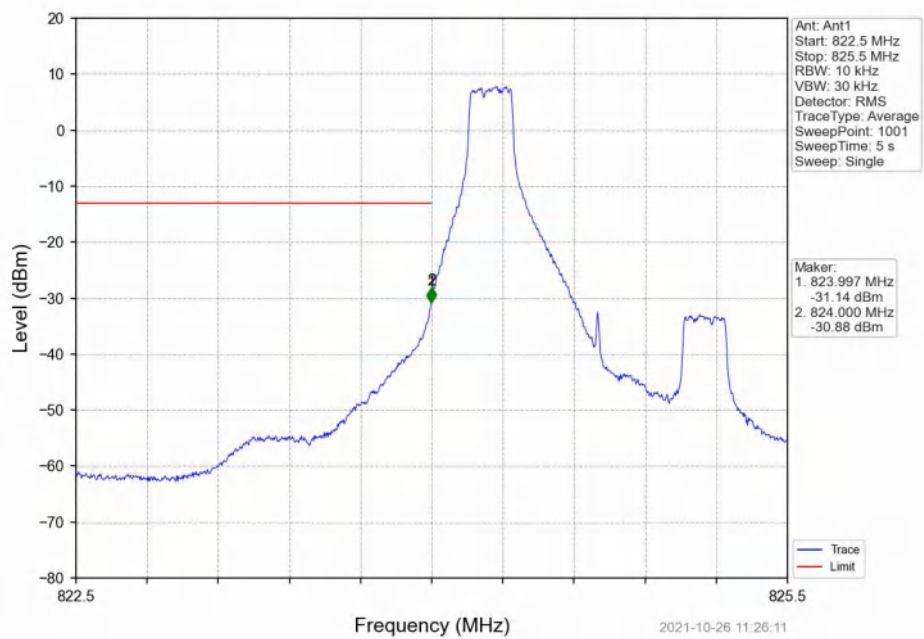
Band5 1.4MHz QPSK HCH 848.3MHz RB 1_5 NTN



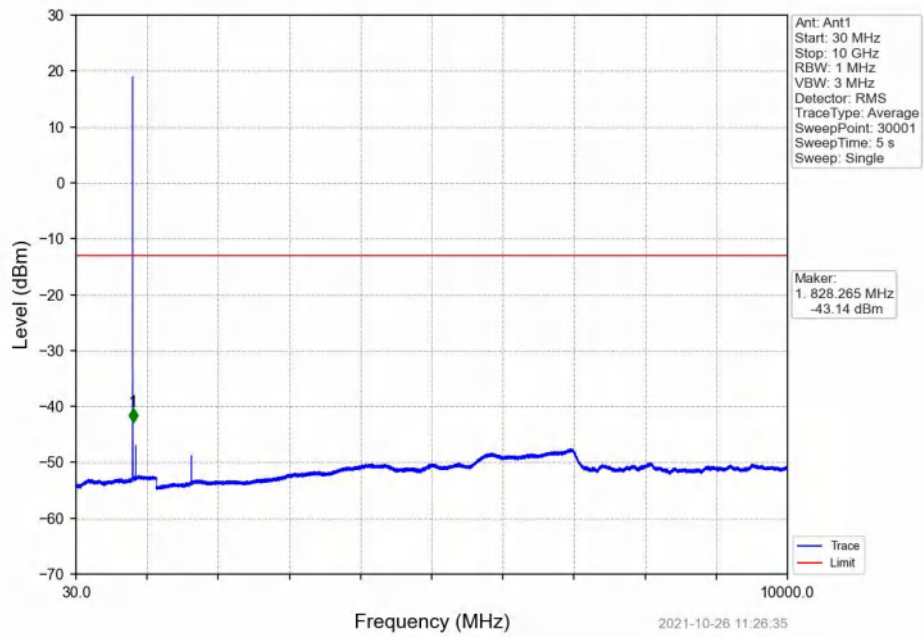
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



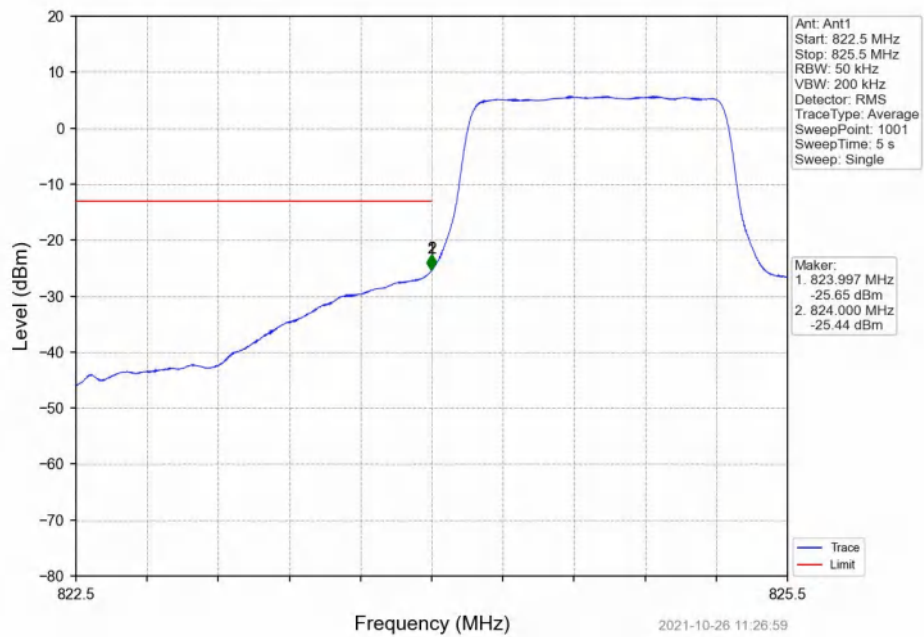
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



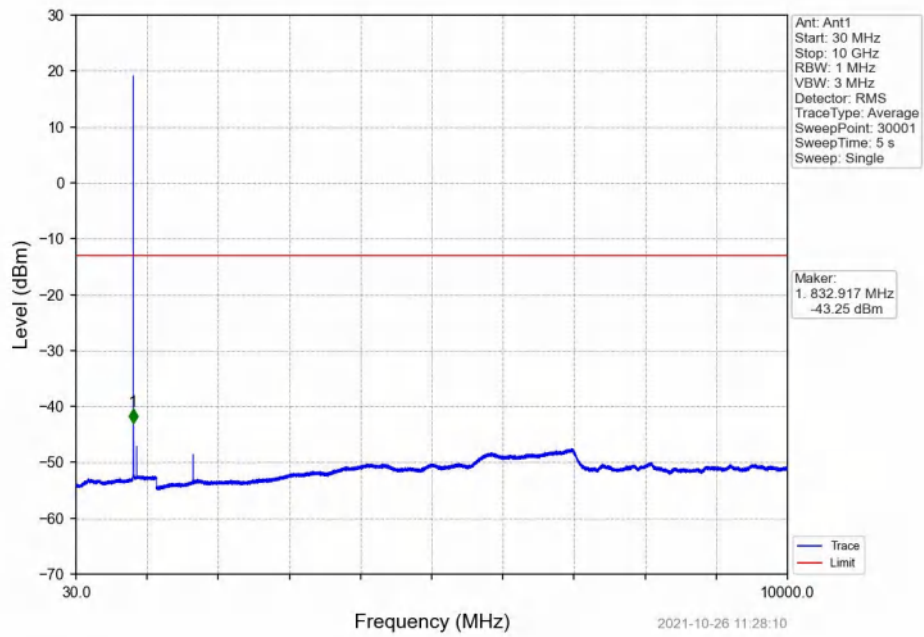
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



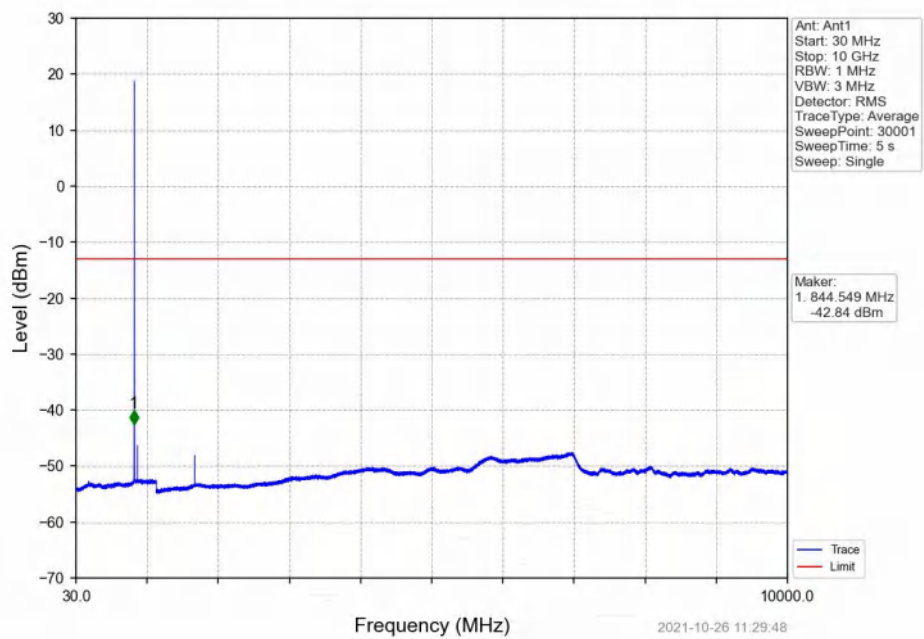
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



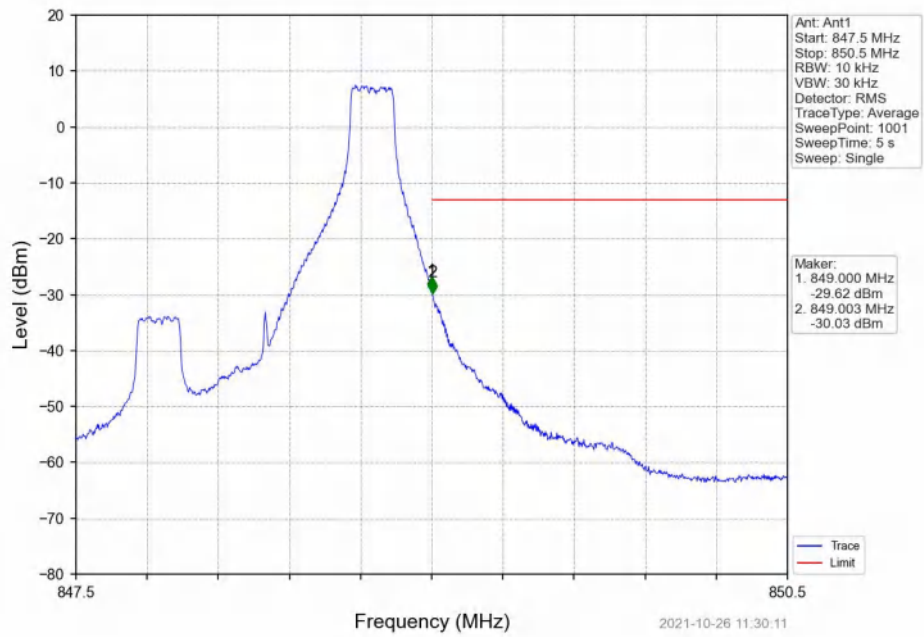
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



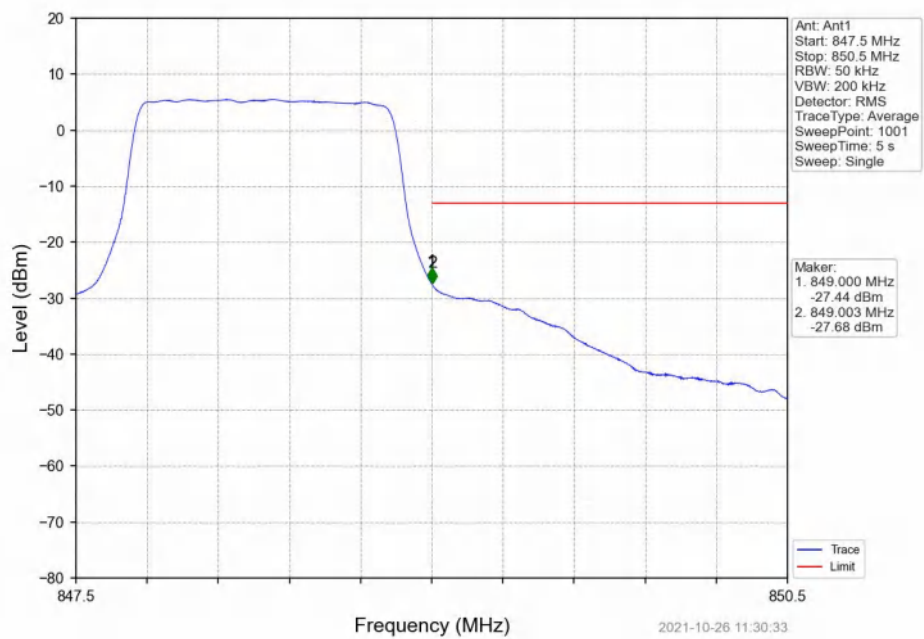
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

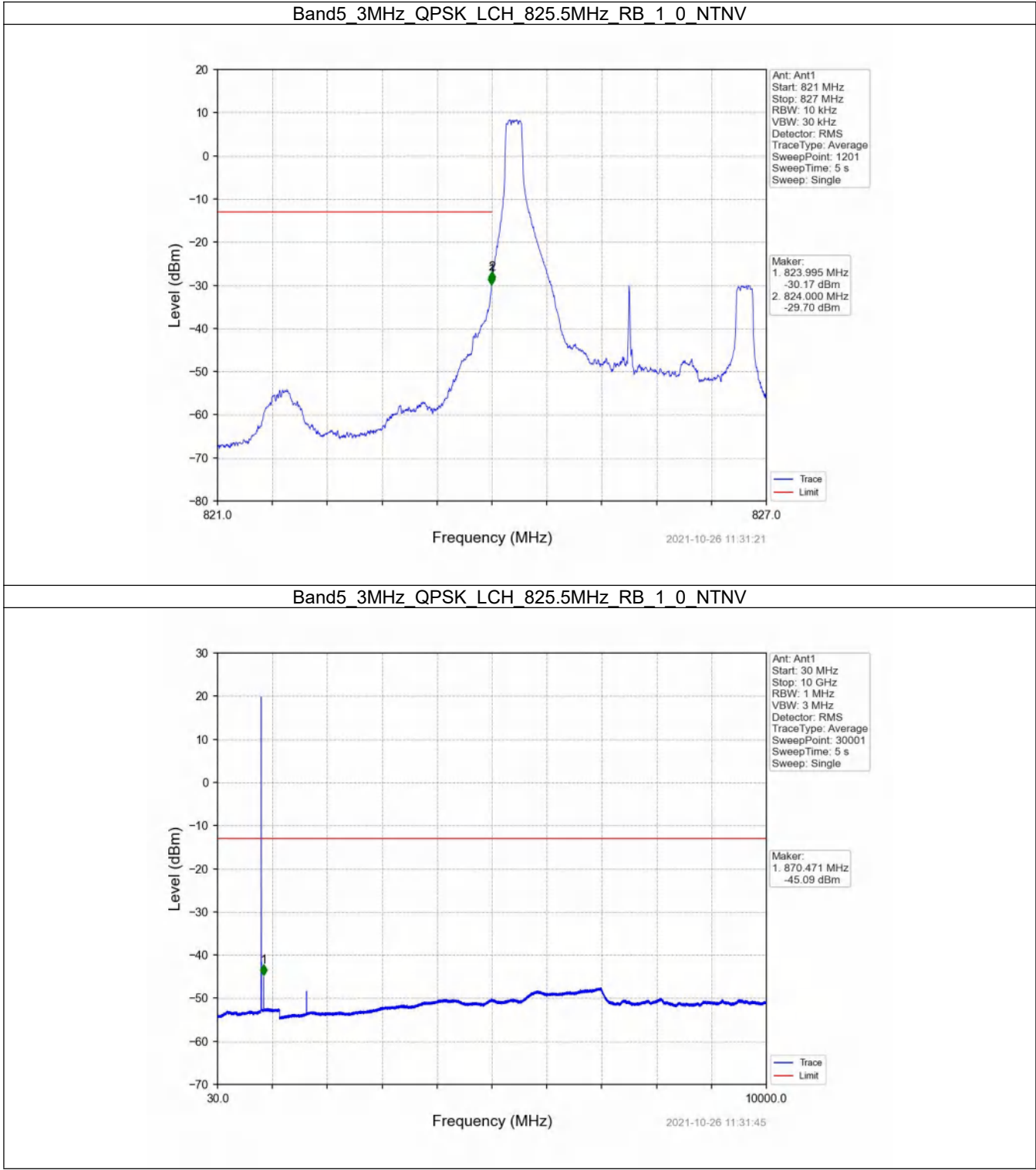


6.2 B5_3MHz

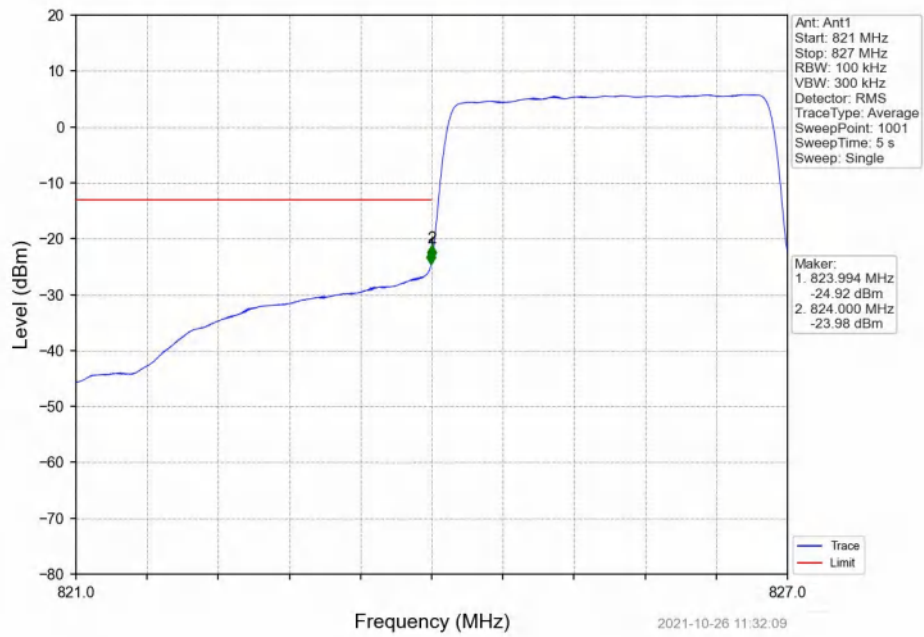
6.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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

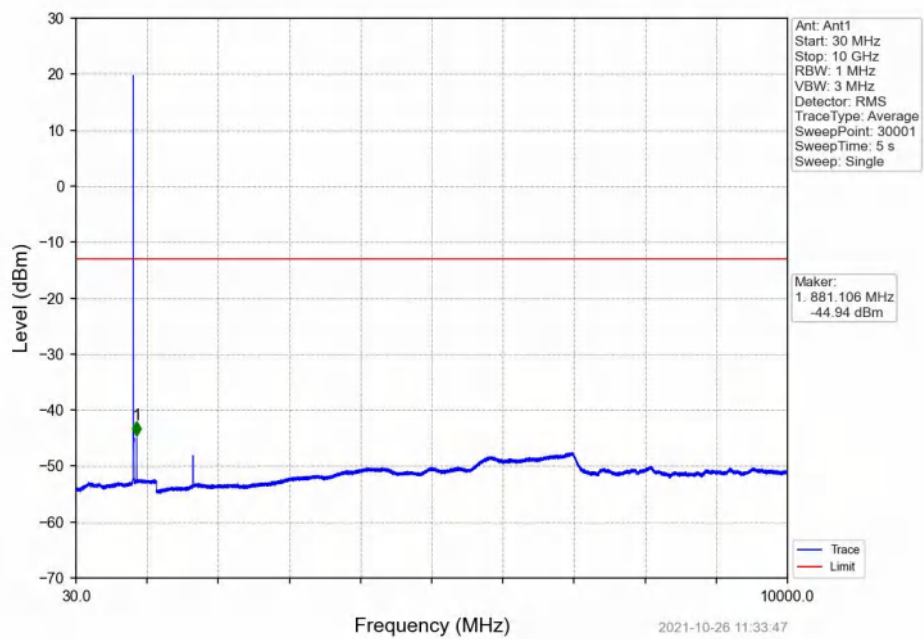
6.2.2 Test Graph



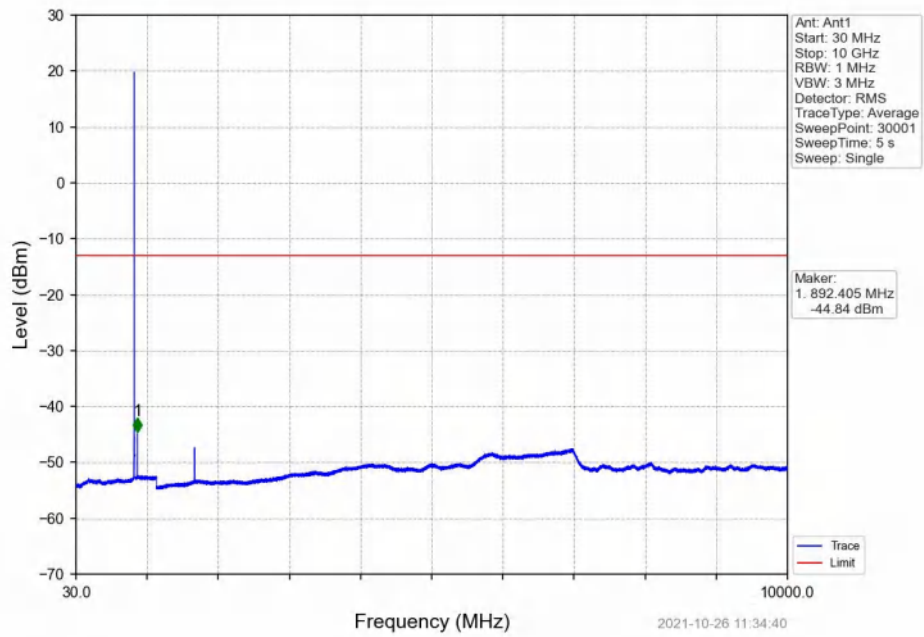
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



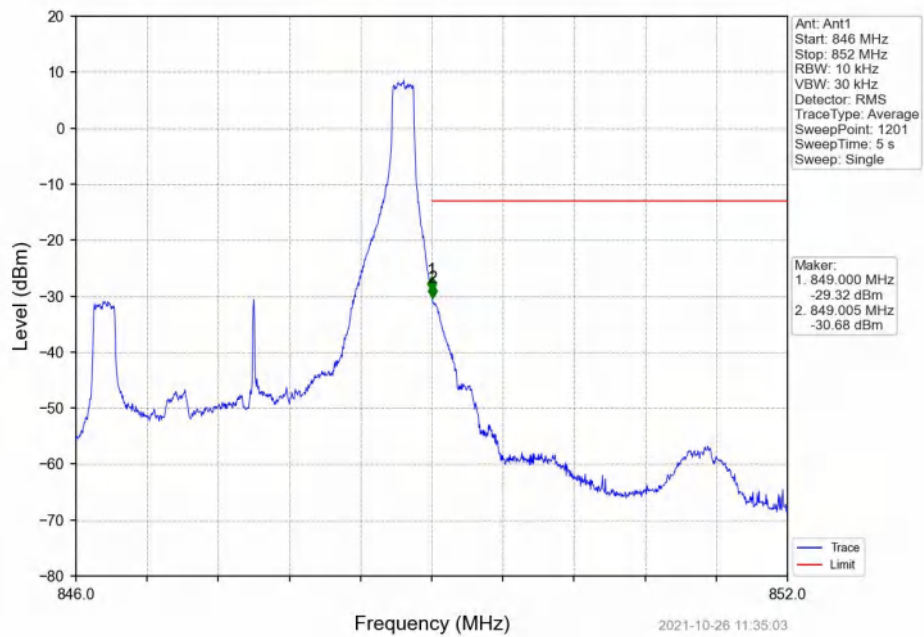
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



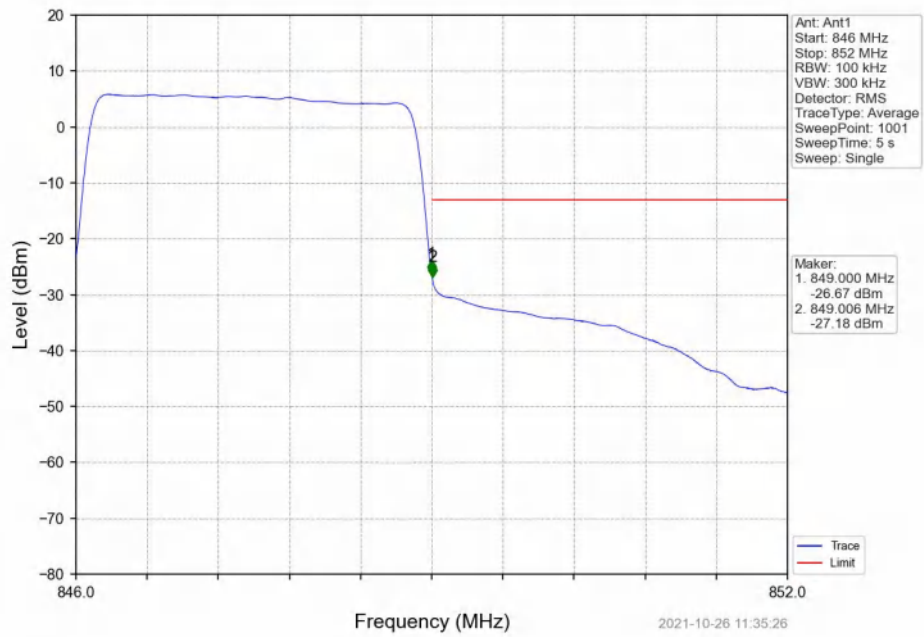
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



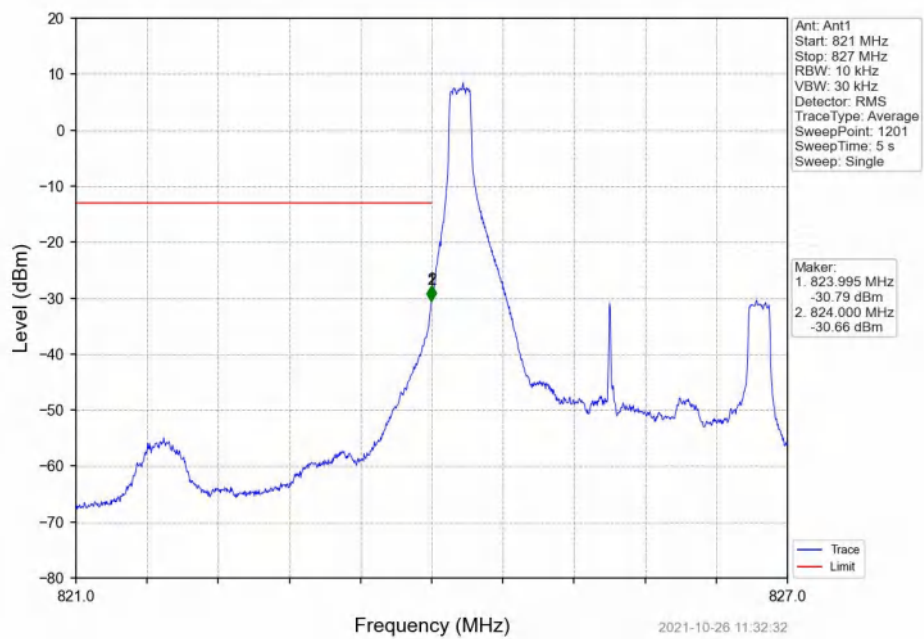
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



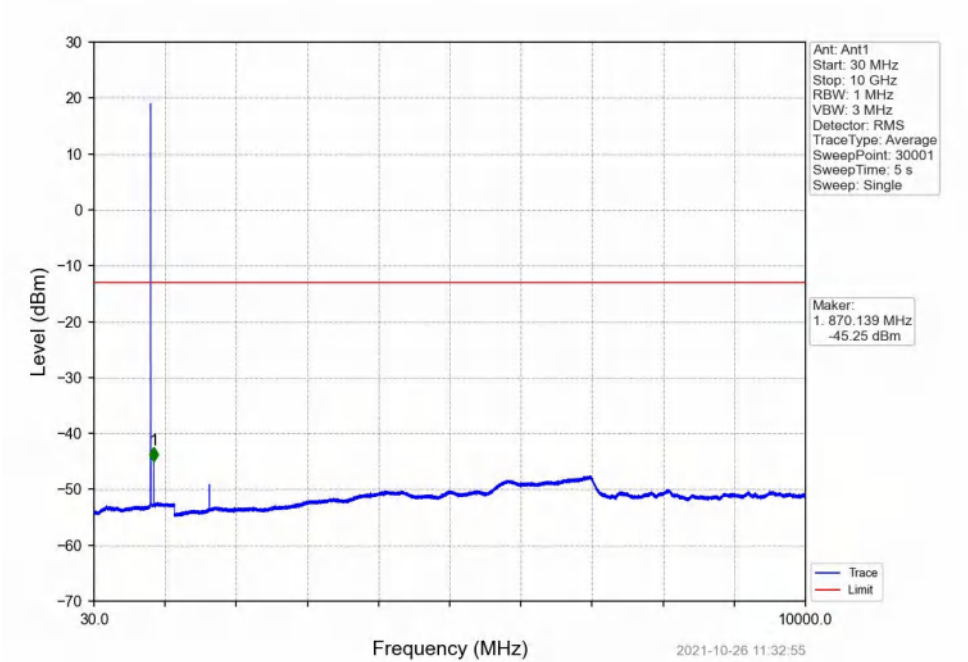
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



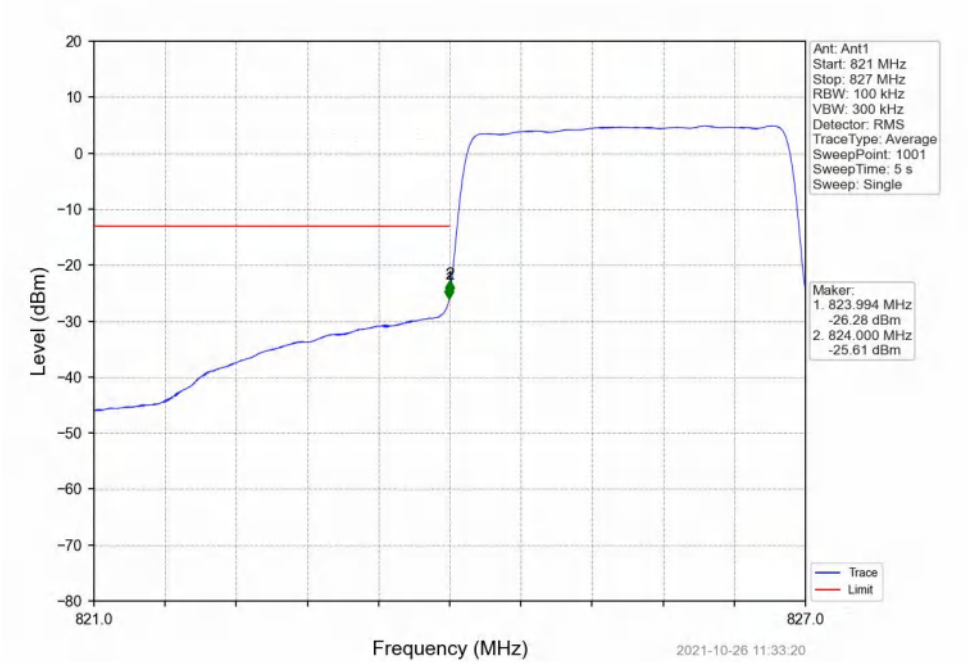
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



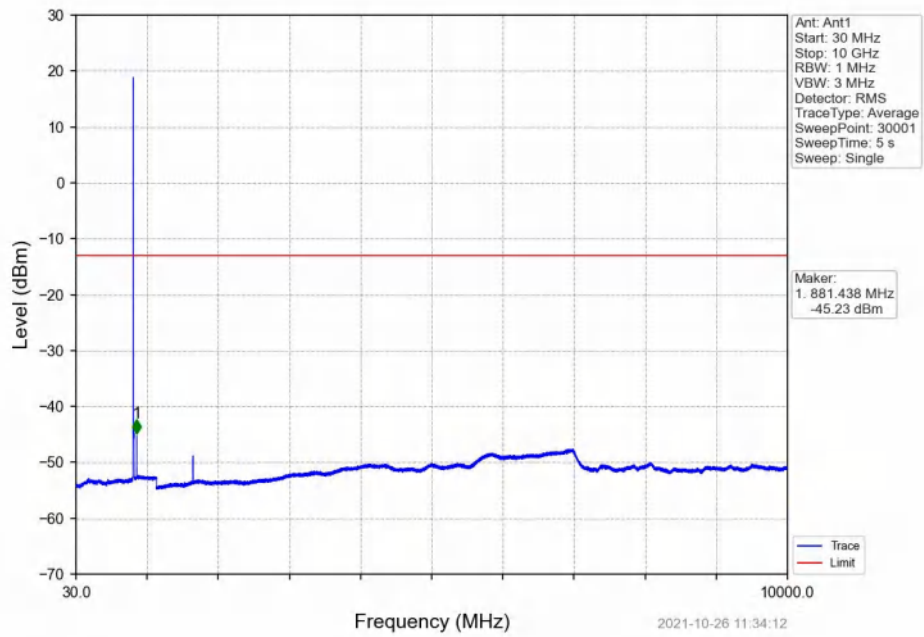
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



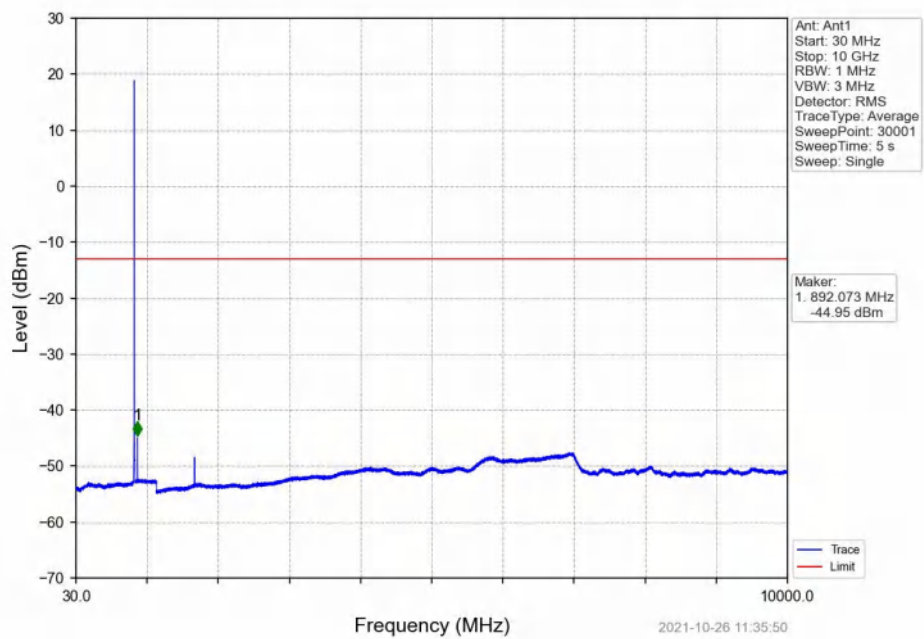
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



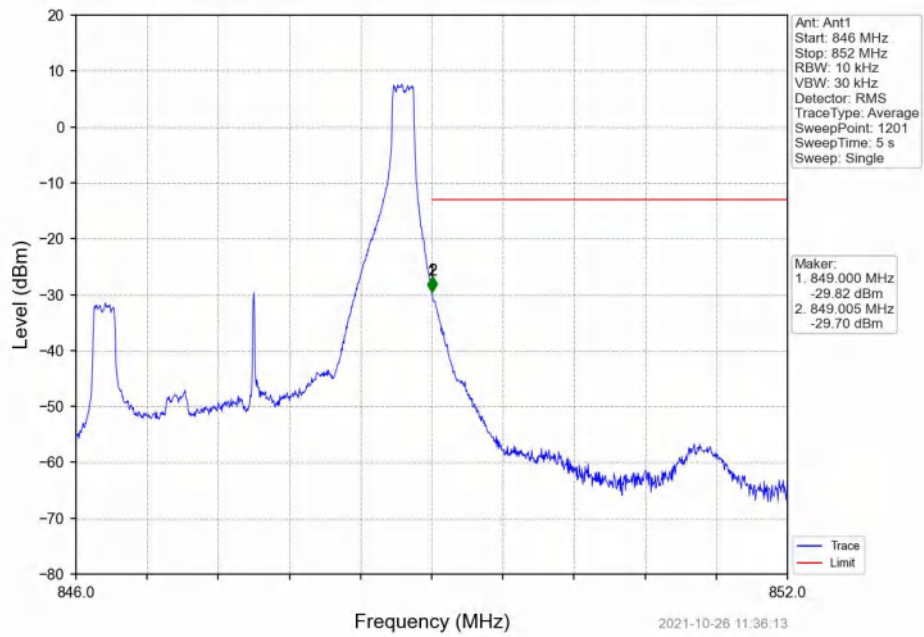
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



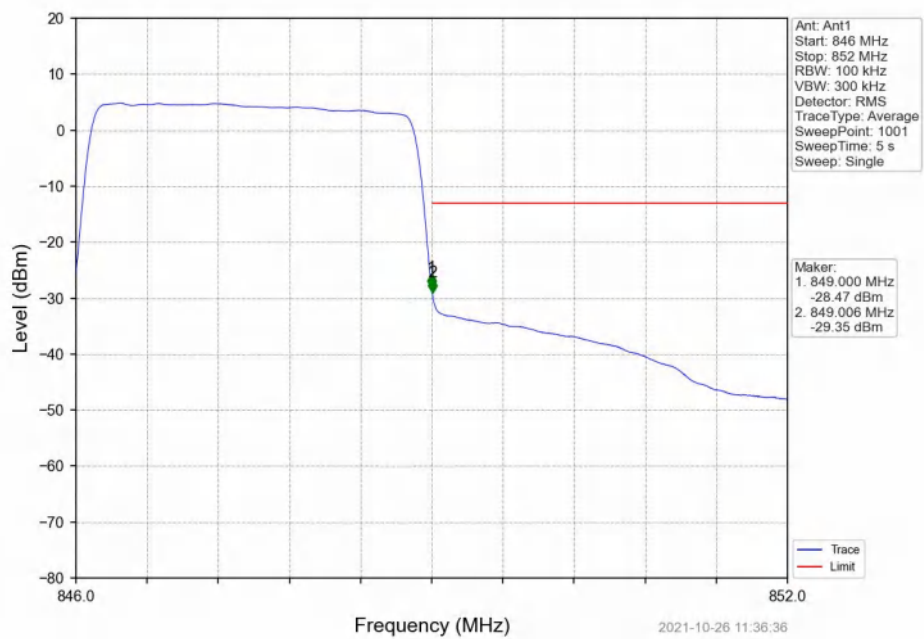
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

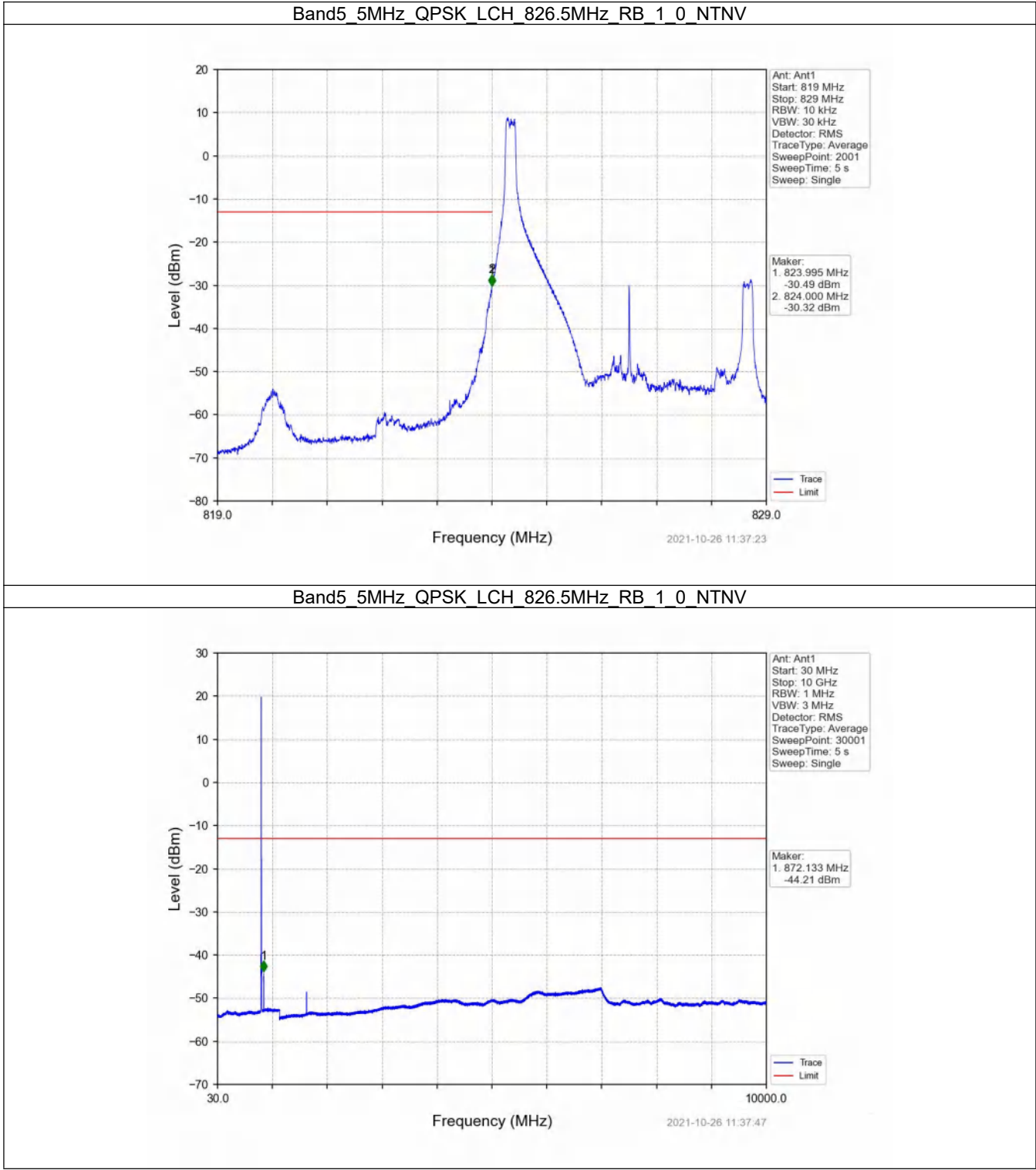


6.3 B5_5MHz

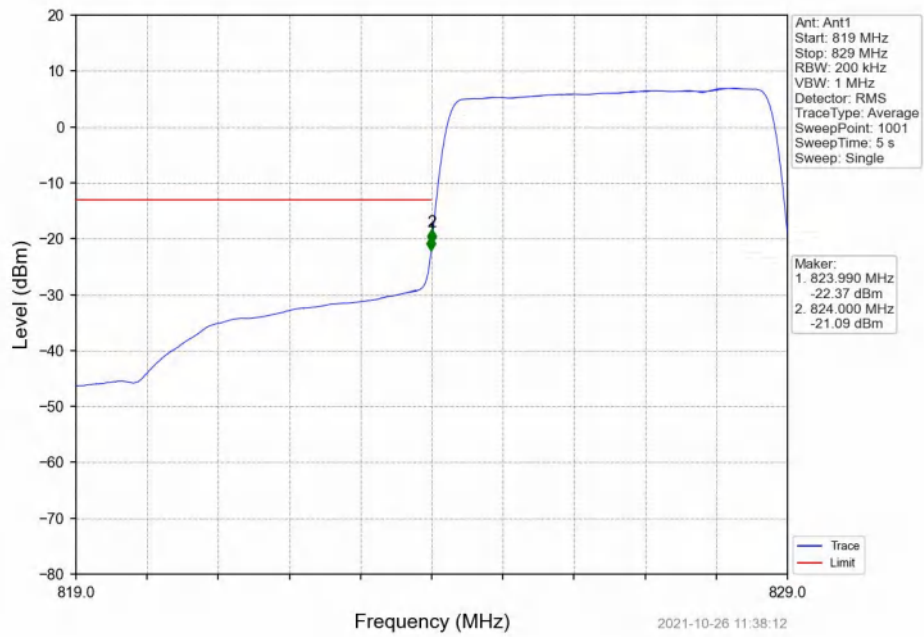
6.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTVN						
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

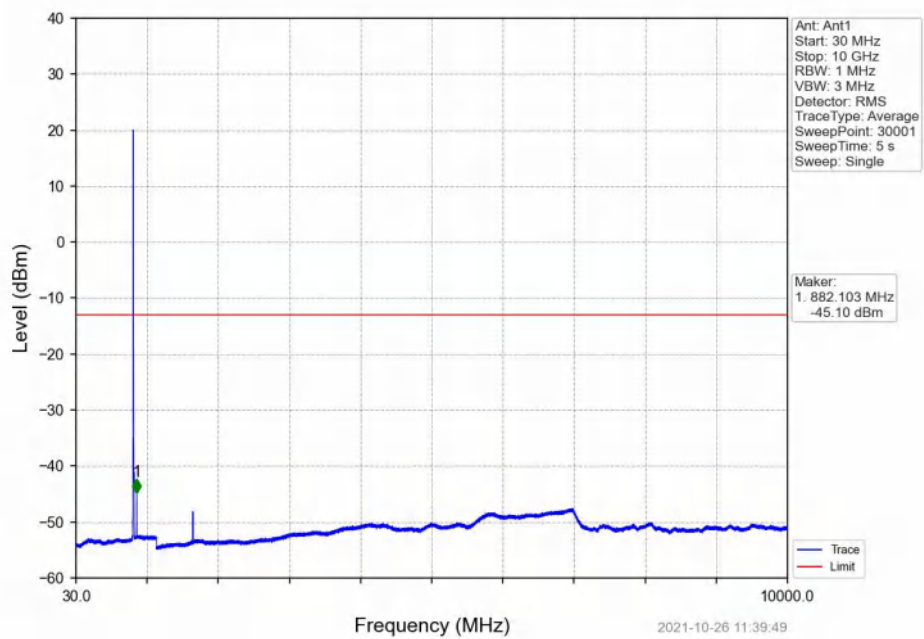
6.3.2 Test Graph



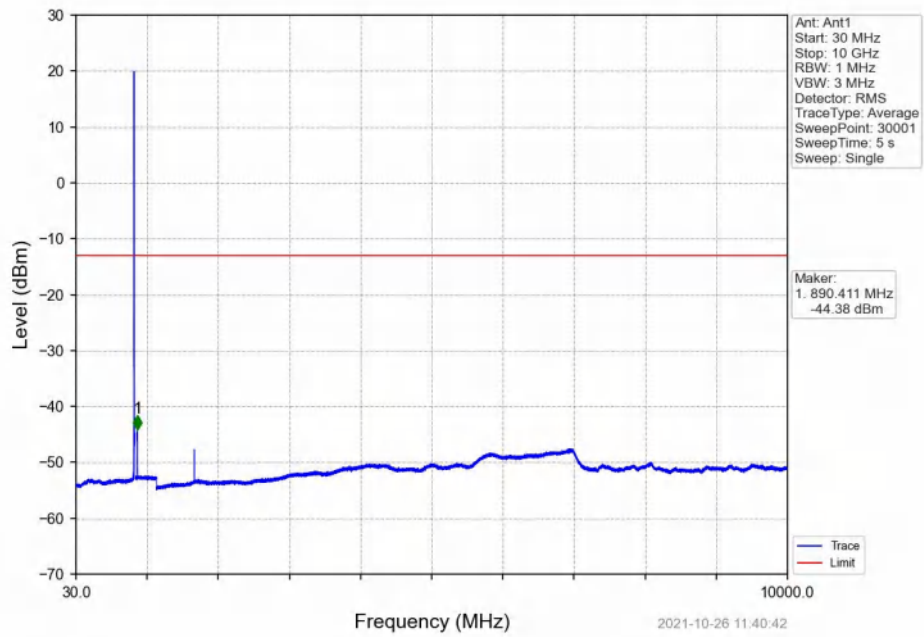
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



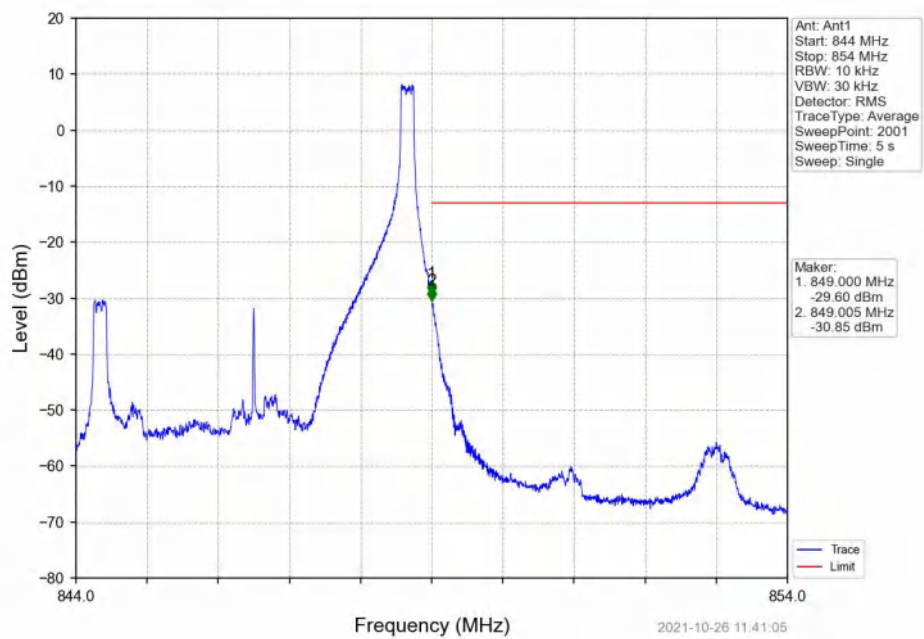
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



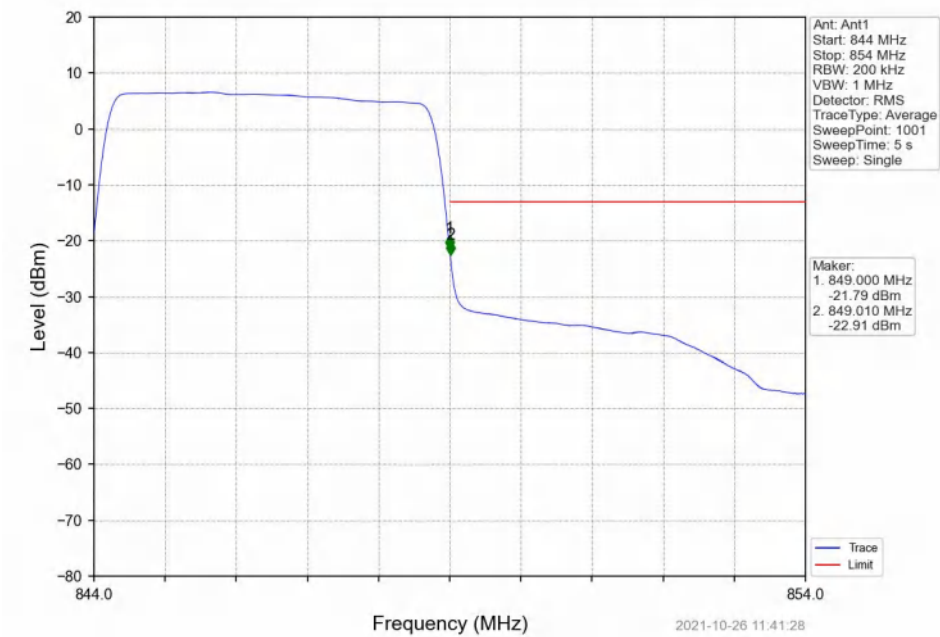
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



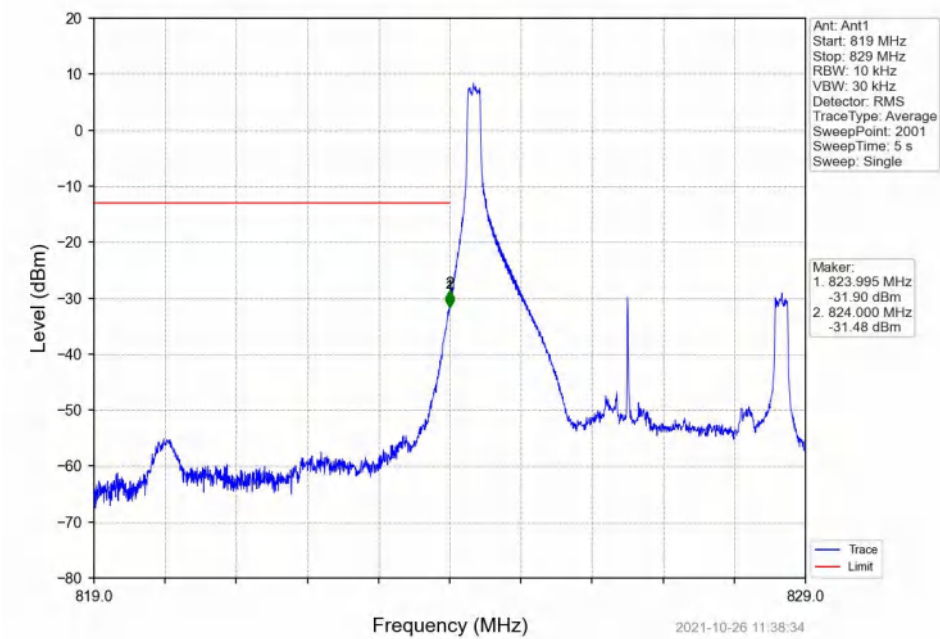
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



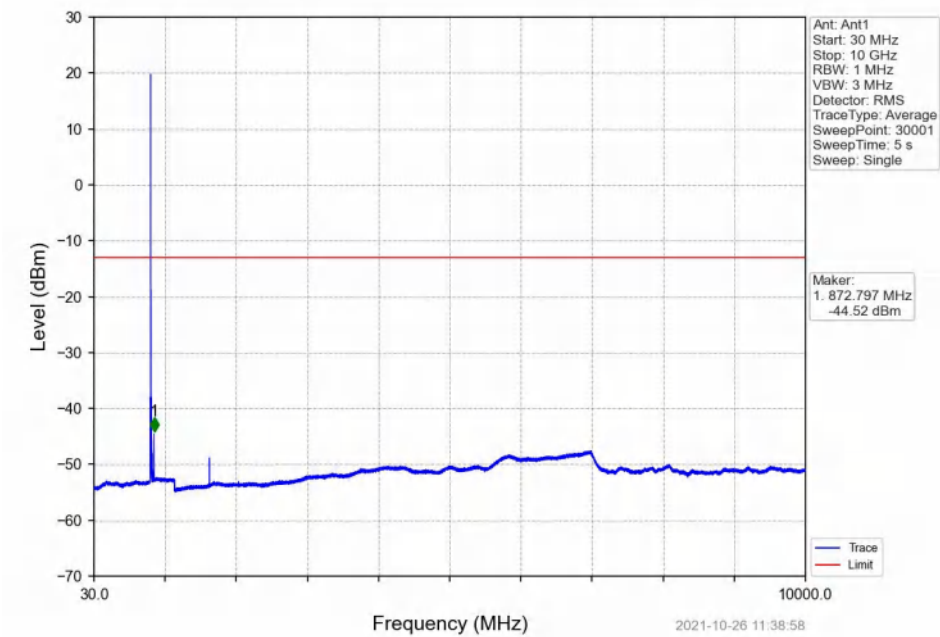
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



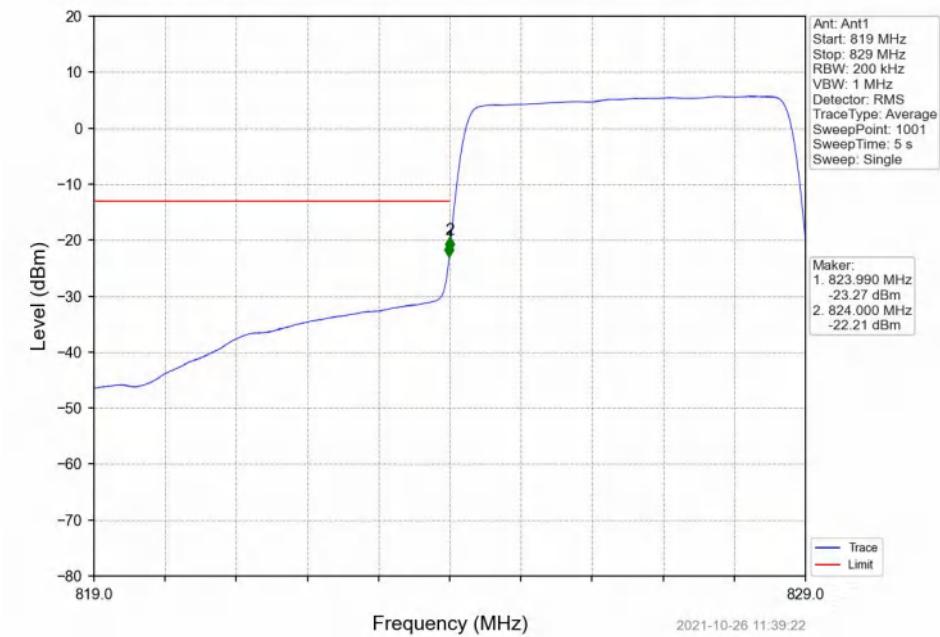
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



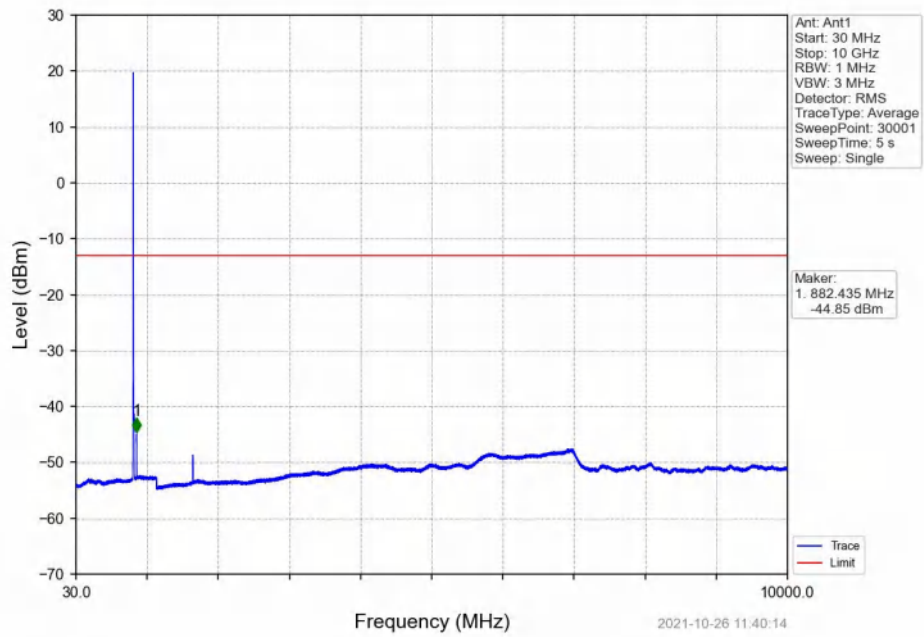
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



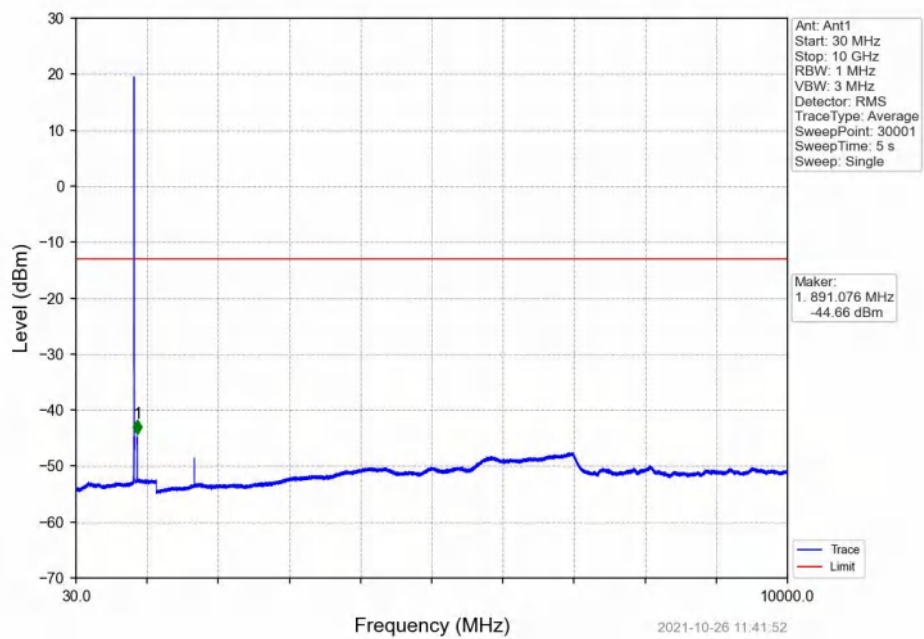
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



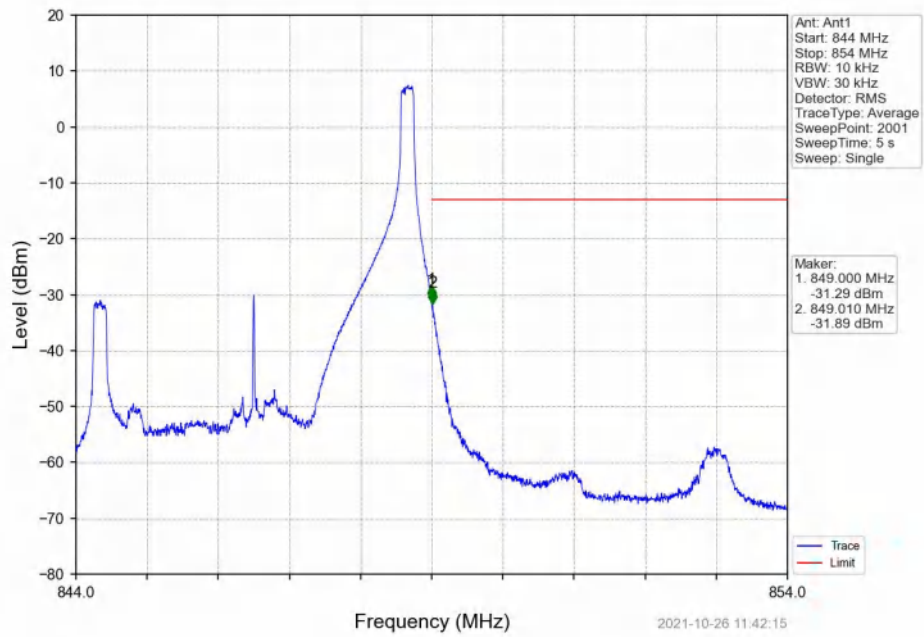
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



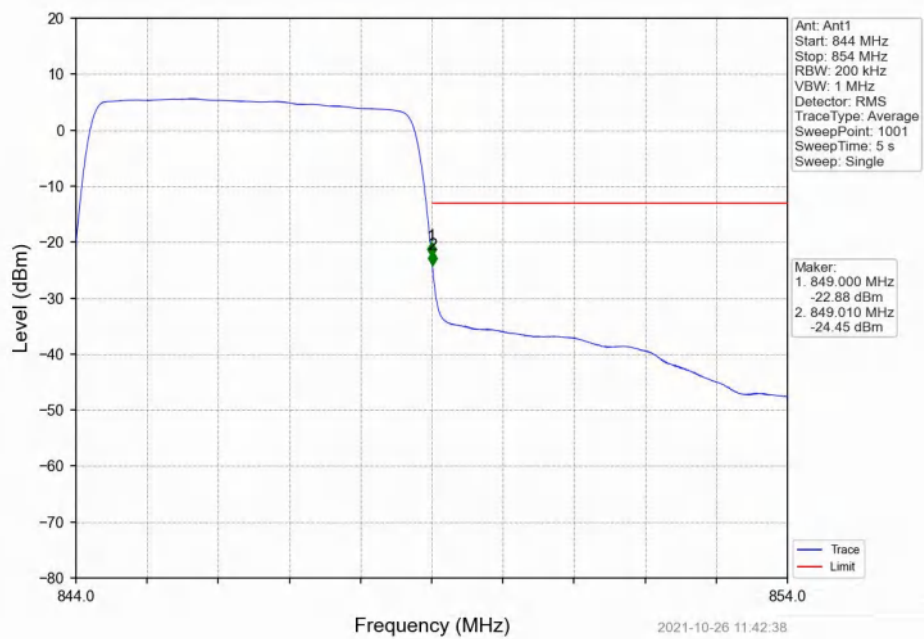
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

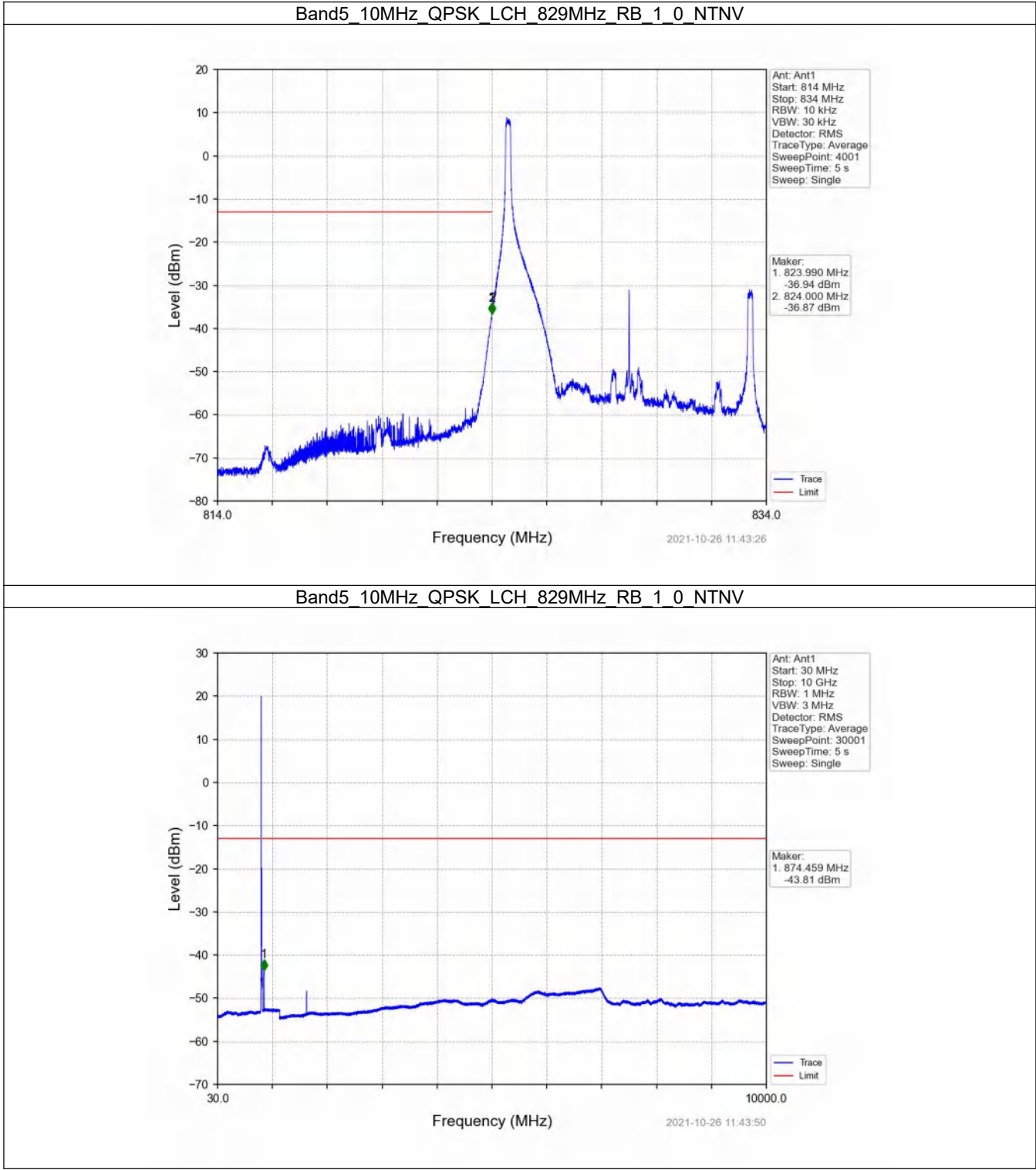


6.4 B5_10MHz

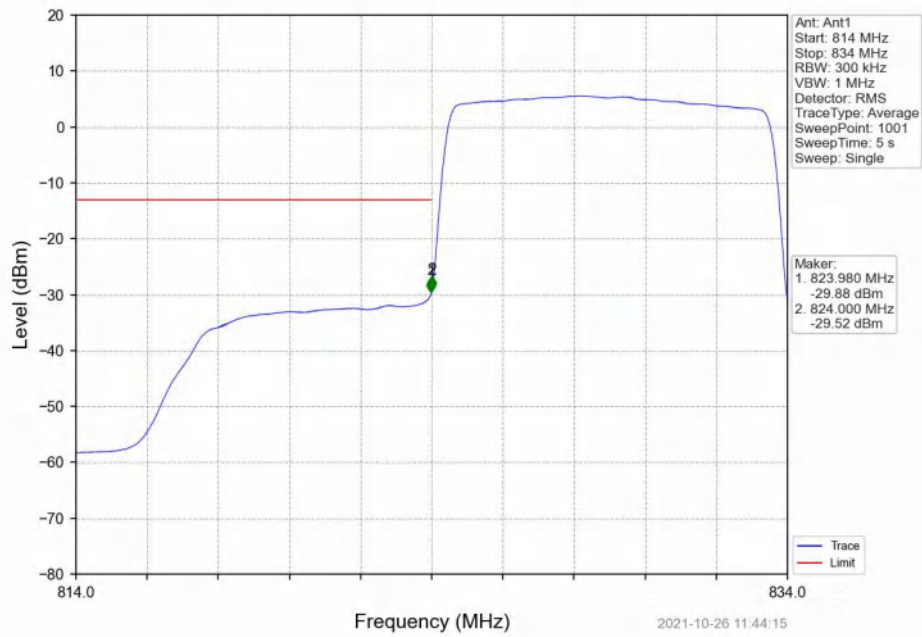
6.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTVN						
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

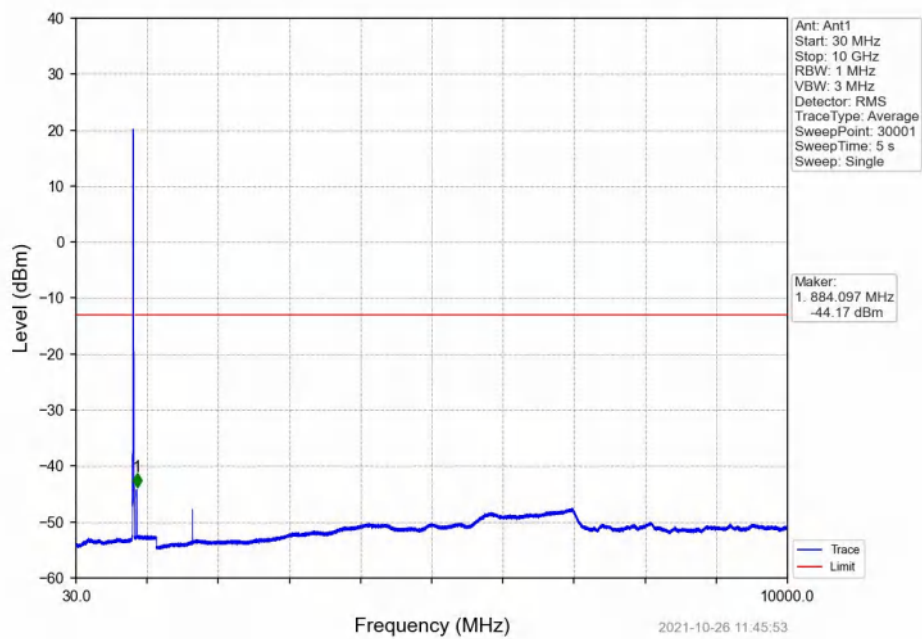
6.4.2 Test Graph



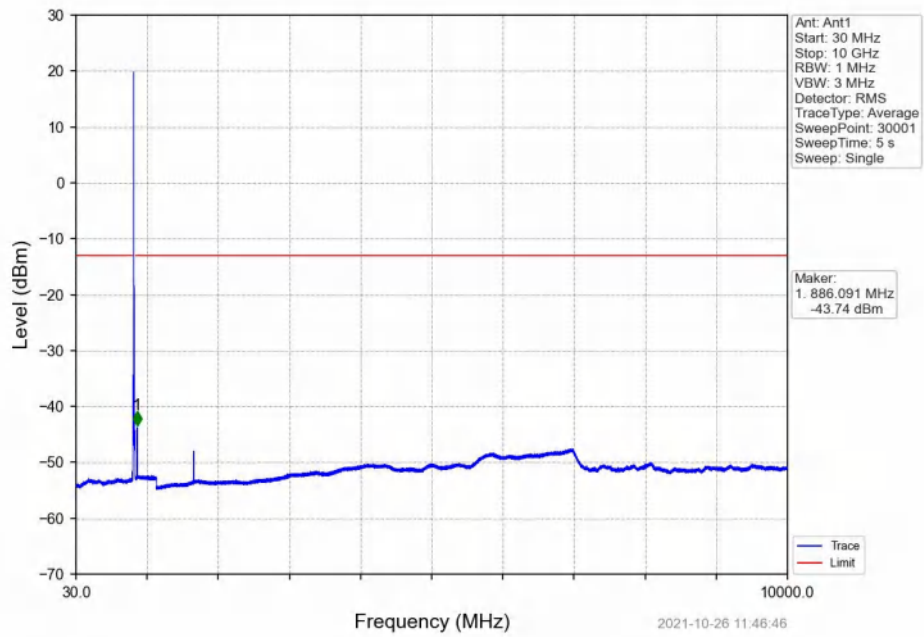
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



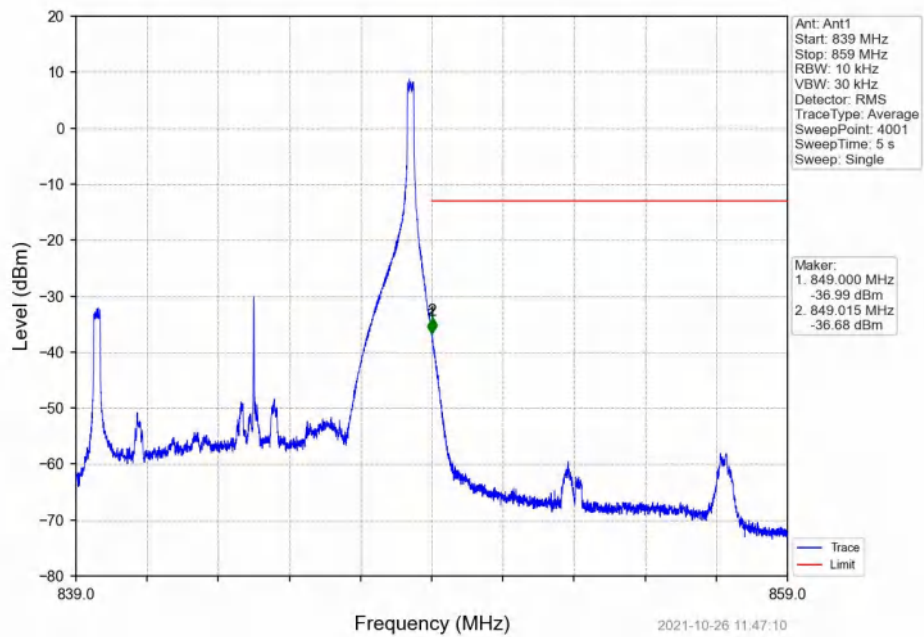
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



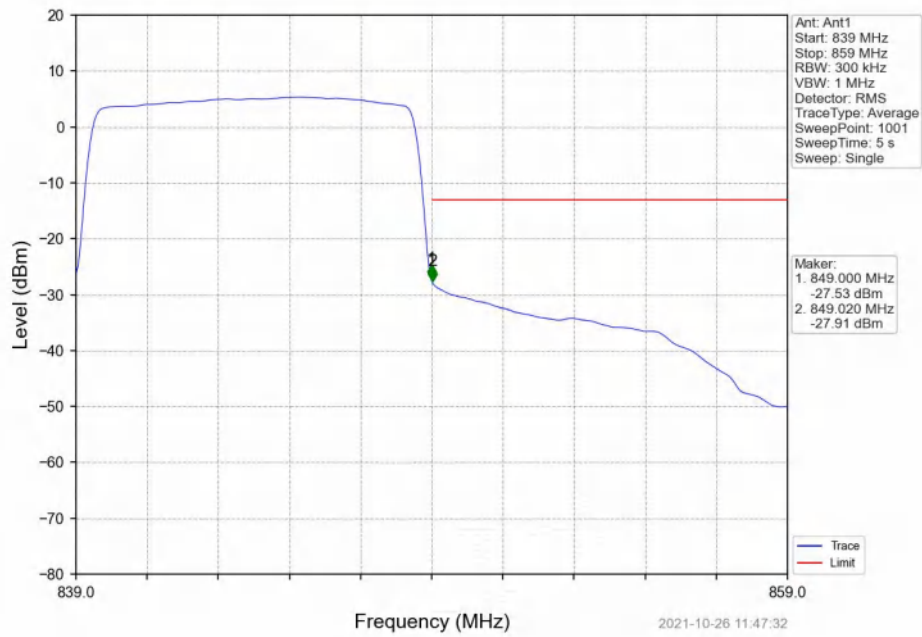
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



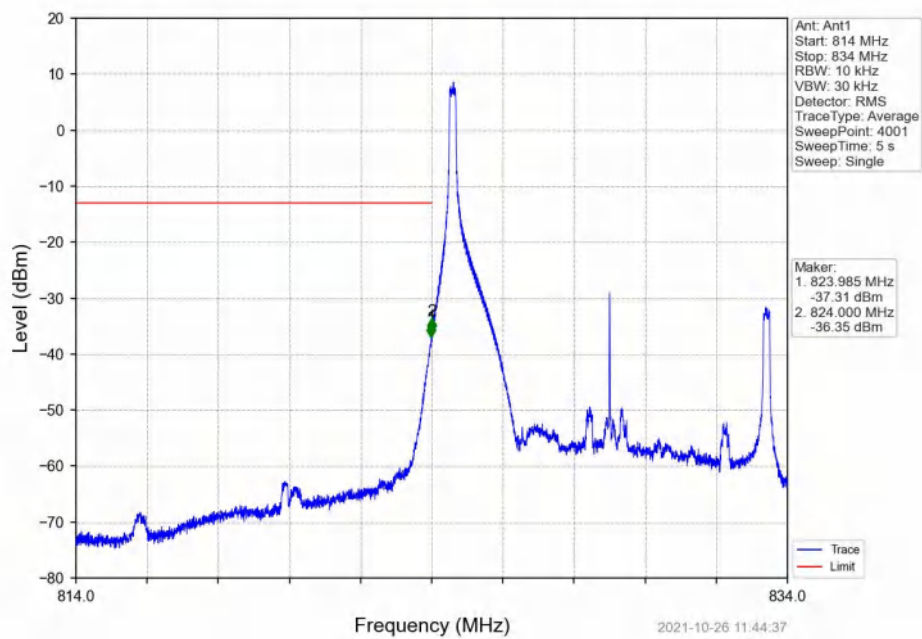
Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



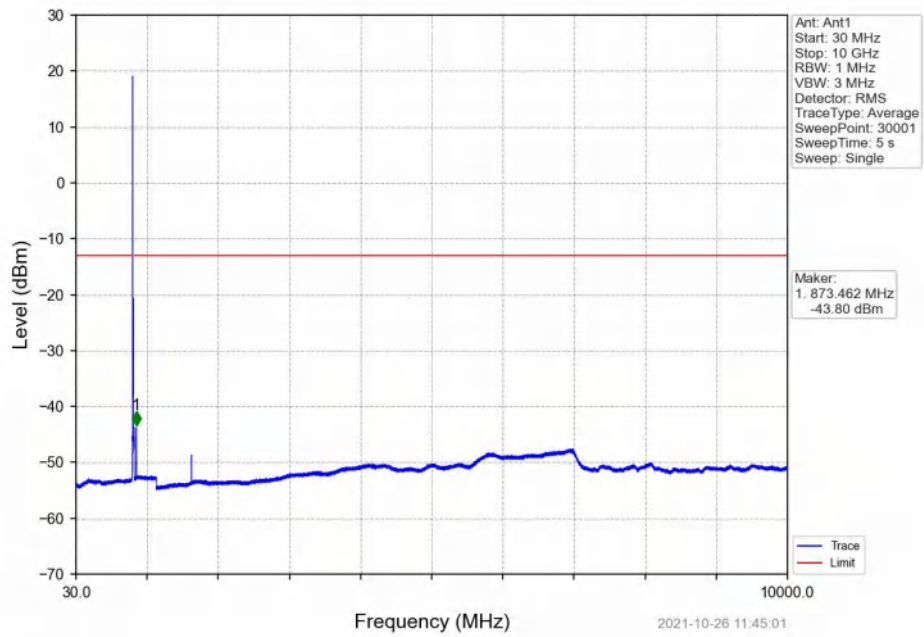
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



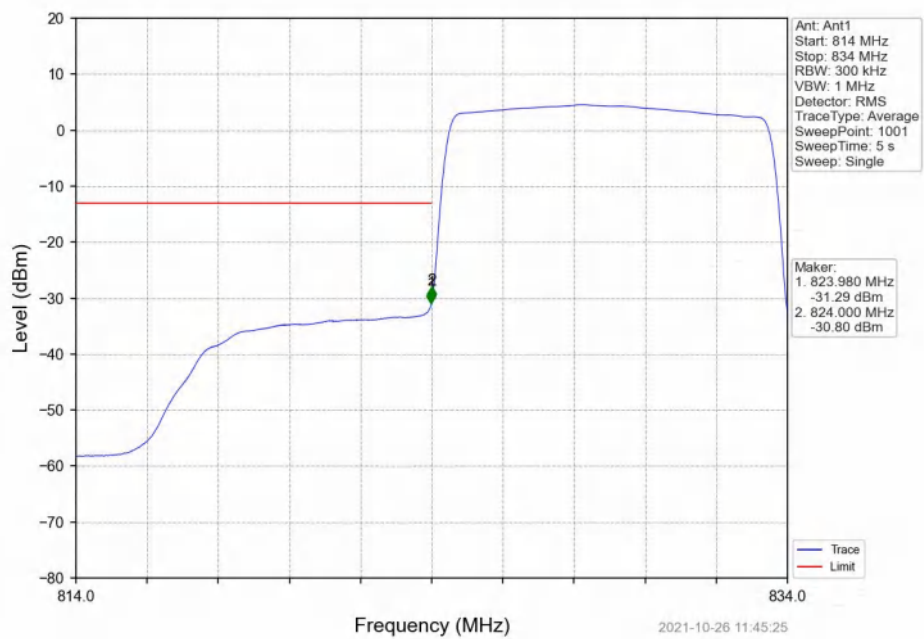
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



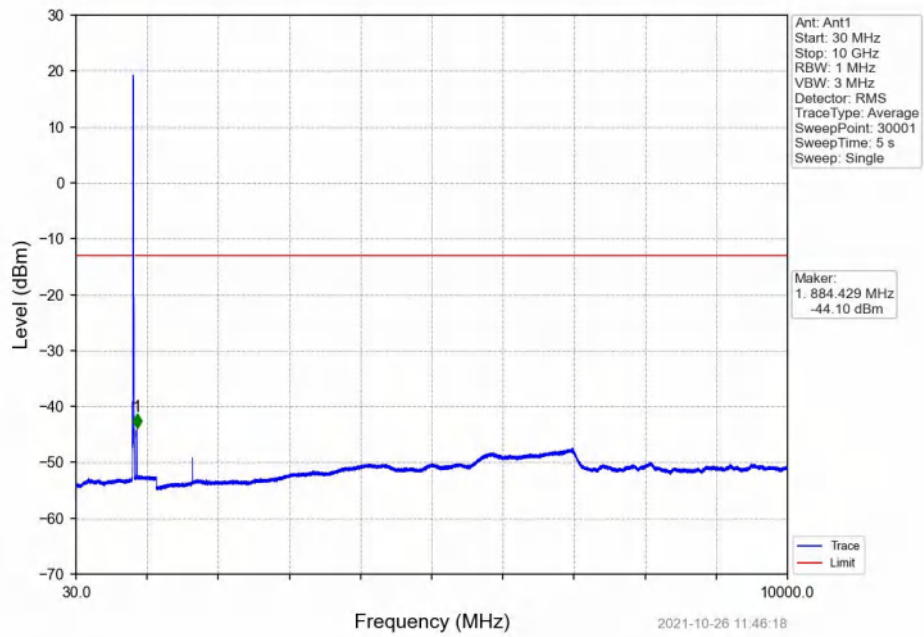
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



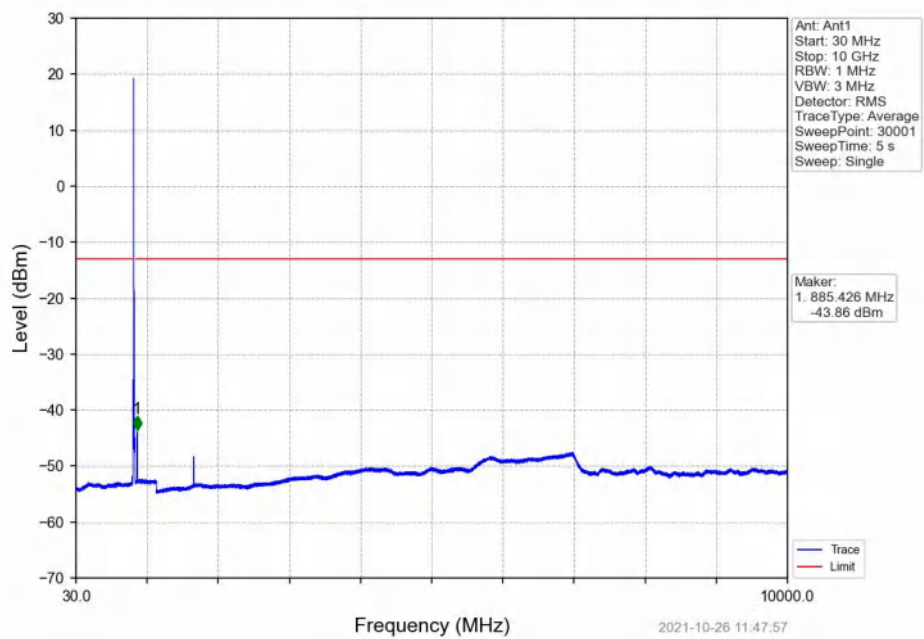
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



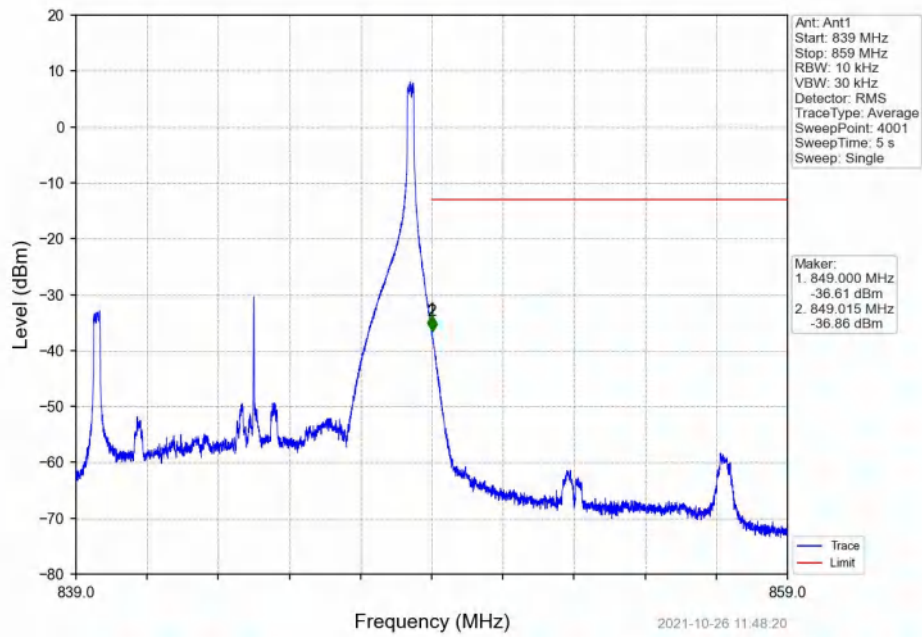
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

