

1. Effective (Isotropic) Radiated Power Output Data

1.1 B5_1.4MHz_ERP(ANT31)

1.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.65	-6.10	15.40	<=38.45	Pass
			2	23.65	-6.10	15.40	<=38.45	Pass
			5	23.58	-6.10	15.33	<=38.45	Pass
		3	0	23.59	-6.10	15.34	<=38.45	Pass
			2	23.63	-6.10	15.38	<=38.45	Pass
			3	23.65	-6.10	15.40	<=38.45	Pass
		6	0	23.05	-6.10	14.80	<=38.45	Pass
	836.5	1	0	23.39	-6.10	15.14	<=38.45	Pass
			2	23.48	-6.10	15.23	<=38.45	Pass
			5	23.46	-6.10	15.21	<=38.45	Pass
		3	0	23.53	-6.10	15.28	<=38.45	Pass
			2	23.52	-6.10	15.27	<=38.45	Pass
			3	23.63	-6.10	15.38	<=38.45	Pass
		6	0	22.96	-6.10	14.71	<=38.45	Pass
	848.3	1	0	23.49	-6.10	15.24	<=38.45	Pass
			2	23.36	-6.10	15.11	<=38.45	Pass
			5	23.39	-6.10	15.14	<=38.45	Pass
		3	0	23.45	-6.10	15.20	<=38.45	Pass
			2	23.51	-6.10	15.26	<=38.45	Pass
			3	23.48	-6.10	15.23	<=38.45	Pass
		6	0	22.95	-6.10	14.70	<=38.45	Pass
16QAM	824.7	1	0	23.32	-6.10	15.07	<=38.45	Pass
			2	23.57	-6.10	15.32	<=38.45	Pass
			5	23.41	-6.10	15.16	<=38.45	Pass
		3	0	23.31	-6.10	15.06	<=38.45	Pass
			2	23.33	-6.10	15.08	<=38.45	Pass
			3	23.24	-6.10	14.99	<=38.45	Pass
		6	0	22.30	-6.10	14.05	<=38.45	Pass
	836.5	1	0	23.60	-6.10	15.35	<=38.45	Pass
			2	23.45	-6.10	15.20	<=38.45	Pass
			5	23.49	-6.10	15.24	<=38.45	Pass
		3	0	23.17	-6.10	14.92	<=38.45	Pass
			2	23.25	-6.10	15.00	<=38.45	Pass
			3	23.18	-6.10	14.93	<=38.45	Pass
		6	0	22.07	-6.10	13.82	<=38.45	Pass
	848.3	1	0	23.51	-6.10	15.26	<=38.45	Pass
			2	23.31	-6.10	15.06	<=38.45	Pass
			5	23.35	-6.10	15.10	<=38.45	Pass
		3	0	23.05	-6.10	14.80	<=38.45	Pass
			2	23.06	-6.10	14.81	<=38.45	Pass
			3	23.03	-6.10	14.78	<=38.45	Pass
		6	0	22.14	-6.10	13.89	<=38.45	Pass
64QAM	824.7	1	0	23.11	-6.10	14.86	<=38.45	Pass
			2	23.15	-6.10	14.90	<=38.45	Pass
			5	23.28	-6.10	15.03	<=38.45	Pass
		3	0	23.19	-6.10	14.94	<=38.45	Pass
			2	23.22	-6.10	14.97	<=38.45	Pass
			3	23.31	-6.10	15.06	<=38.45	Pass
		6	0	22.03	-6.10	13.78	<=38.45	Pass

	836.5	1	0	23.25	-6.10	15.00	<=38.45	Pass
			2	23.16	-6.10	14.91	<=38.45	Pass
			5	23.06	-6.10	14.81	<=38.45	Pass
		3	0	23.14	-6.10	14.89	<=38.45	Pass
			2	23.20	-6.10	14.95	<=38.45	Pass
			3	23.07	-6.10	14.82	<=38.45	Pass
		6	0	22.06	-6.10	13.81	<=38.45	Pass
	848.3	1	0	23.10	-6.10	14.85	<=38.45	Pass
			2	23.01	-6.10	14.76	<=38.45	Pass
			5	23.11	-6.10	14.86	<=38.45	Pass
		3	0	23.02	-6.10	14.77	<=38.45	Pass
			2	23.05	-6.10	14.80	<=38.45	Pass
			3	23.01	-6.10	14.76	<=38.45	Pass
		6	0	21.94	-6.10	13.69	<=38.45	Pass
256QAM	824.7	1	0	20.68	-6.10	12.43	<=38.45	Pass
			2	20.64	-6.10	12.39	<=38.45	Pass
			5	20.79	-6.10	12.54	<=38.45	Pass
		3	0	20.66	-6.10	12.41	<=38.45	Pass
			2	20.61	-6.10	12.36	<=38.45	Pass
			3	20.56	-6.10	12.31	<=38.45	Pass
		6	0	20.69	-6.10	12.44	<=38.45	Pass
	836.5	1	0	20.58	-6.10	12.33	<=38.45	Pass
			2	20.72	-6.10	12.47	<=38.45	Pass
			5	20.60	-6.10	12.35	<=38.45	Pass
		3	0	20.41	-6.10	12.16	<=38.45	Pass
			2	20.61	-6.10	12.36	<=38.45	Pass
			3	20.54	-6.10	12.29	<=38.45	Pass
		6	0	20.52	-6.10	12.27	<=38.45	Pass
	848.3	1	0	20.63	-6.10	12.38	<=38.45	Pass
			2	20.68	-6.10	12.43	<=38.45	Pass
			5	20.65	-6.10	12.40	<=38.45	Pass
		3	0	20.55	-6.10	12.30	<=38.45	Pass
			2	20.55	-6.10	12.30	<=38.45	Pass
			3	20.57	-6.10	12.32	<=38.45	Pass
		6	0	20.55	-6.10	12.30	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.2 B5_3MHz_ERP

1.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	23.59	-6.10	15.34	<=38.45	Pass
			7	23.57	-6.10	15.32	<=38.45	Pass
			14	23.60	-6.10	15.35	<=38.45	Pass
		8	0	23.14	-6.10	14.89	<=38.45	Pass
			4	23.15	-6.10	14.90	<=38.45	Pass
			7	23.09	-6.10	14.84	<=38.45	Pass
		15	0	23.16	-6.10	14.91	<=38.45	Pass
	836.5	1	0	23.56	-6.10	15.31	<=38.45	Pass
			7	23.55	-6.10	15.30	<=38.45	Pass
			14	23.51	-6.10	15.26	<=38.45	Pass
		8	0	22.99	-6.10	14.74	<=38.45	Pass
			4	23.06	-6.10	14.81	<=38.45	Pass
			7	23.12	-6.10	14.87	<=38.45	Pass

	847.5	15	0	23.04	-6.10	14.79	<=38.45	Pass
		1	0	23.55	-6.10	15.30	<=38.45	Pass
			7	23.64	-6.10	15.39	<=38.45	Pass
			14	23.41	-6.10	15.16	<=38.45	Pass
		8	0	23.04	-6.10	14.79	<=38.45	Pass
			4	23.07	-6.10	14.82	<=38.45	Pass
			7	22.93	-6.10	14.68	<=38.45	Pass
16QAM	825.5	15	0	23.02	-6.10	14.77	<=38.45	Pass
		1	0	23.53	-6.10	15.28	<=38.45	Pass
			7	23.52	-6.10	15.27	<=38.45	Pass
			14	23.52	-6.10	15.27	<=38.45	Pass
		8	0	22.26	-6.10	14.01	<=38.45	Pass
			4	22.35	-6.10	14.10	<=38.45	Pass
			7	22.28	-6.10	14.03	<=38.45	Pass
	836.5	15	0	22.16	-6.10	13.91	<=38.45	Pass
		1	0	23.32	-6.10	15.07	<=38.45	Pass
			7	23.36	-6.10	15.11	<=38.45	Pass
			14	23.45	-6.10	15.20	<=38.45	Pass
		8	0	22.12	-6.10	13.87	<=38.45	Pass
			4	22.15	-6.10	13.90	<=38.45	Pass
			7	22.10	-6.10	13.85	<=38.45	Pass
		15	0	22.04	-6.10	13.79	<=38.45	Pass
	847.5	1	0	23.39	-6.10	15.14	<=38.45	Pass
			7	23.47	-6.10	15.22	<=38.45	Pass
			14	23.21	-6.10	14.96	<=38.45	Pass
		8	0	22.11	-6.10	13.86	<=38.45	Pass
			4	22.08	-6.10	13.83	<=38.45	Pass
			7	22.12	-6.10	13.87	<=38.45	Pass
		15	0	22.00	-6.10	13.75	<=38.45	Pass
64QAM	825.5	1	0	23.27	-6.10	15.02	<=38.45	Pass
			7	23.07	-6.10	14.82	<=38.45	Pass
			14	23.39	-6.10	15.14	<=38.45	Pass
		8	0	22.21	-6.10	13.96	<=38.45	Pass
			4	22.26	-6.10	14.01	<=38.45	Pass
			7	22.20	-6.10	13.95	<=38.45	Pass
		15	0	22.17	-6.10	13.92	<=38.45	Pass
	836.5	1	0	23.16	-6.10	14.91	<=38.45	Pass
			7	23.27	-6.10	15.02	<=38.45	Pass
			14	23.17	-6.10	14.92	<=38.45	Pass
		8	0	21.97	-6.10	13.72	<=38.45	Pass
			4	22.13	-6.10	13.88	<=38.45	Pass
			7	22.10	-6.10	13.85	<=38.45	Pass
		15	0	22.06	-6.10	13.81	<=38.45	Pass
	847.5	1	0	23.30	-6.10	15.05	<=38.45	Pass
			7	23.20	-6.10	14.95	<=38.45	Pass
			14	23.13	-6.10	14.88	<=38.45	Pass
		8	0	22.08	-6.10	13.83	<=38.45	Pass
			4	22.04	-6.10	13.79	<=38.45	Pass
			7	21.98	-6.10	13.73	<=38.45	Pass
		15	0	22.01	-6.10	13.76	<=38.45	Pass
256QAM	825.5	1	0	20.66	-6.10	12.41	<=38.45	Pass
			7	20.75	-6.10	12.50	<=38.45	Pass
			14	20.64	-6.10	12.39	<=38.45	Pass
		8	0	20.67	-6.10	12.42	<=38.45	Pass
			4	20.67	-6.10	12.42	<=38.45	Pass
			7	20.69	-6.10	12.44	<=38.45	Pass
		15	0	20.69	-6.10	12.44	<=38.45	Pass
	836.5	1	0	20.40	-6.10	12.15	<=38.45	Pass
			7	20.63	-6.10	12.38	<=38.45	Pass

		8	14	20.61	-6.10	12.36	<=38.45	Pass
			0	20.56	-6.10	12.31	<=38.45	Pass
			4	20.52	-6.10	12.27	<=38.45	Pass
			7	20.60	-6.10	12.35	<=38.45	Pass
	847.5	15	0	20.58	-6.10	12.33	<=38.45	Pass
			0	20.59	-6.10	12.34	<=38.45	Pass
			7	20.64	-6.10	12.39	<=38.45	Pass
		1	14	20.44	-6.10	12.19	<=38.45	Pass
			0	20.58	-6.10	12.33	<=38.45	Pass
			4	20.52	-6.10	12.27	<=38.45	Pass
		8	7	20.53	-6.10	12.28	<=38.45	Pass
			15	20.50	-6.10	12.25	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.3 B5_5MHz_ERP

1.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	23.67	-6.10	15.42	<=38.45	Pass
			13	23.73	-6.10	15.48	<=38.45	Pass
			24	23.63	-6.10	15.38	<=38.45	Pass
		12	0	23.14	-6.10	14.89	<=38.45	Pass
			6	23.12	-6.10	14.87	<=38.45	Pass
			13	23.08	-6.10	14.83	<=38.45	Pass
		25	0	23.06	-6.10	14.81	<=38.45	Pass
	836.5	1	0	23.52	-6.10	15.27	<=38.45	Pass
			13	23.62	-6.10	15.37	<=38.45	Pass
			24	23.52	-6.10	15.27	<=38.45	Pass
		12	0	23.02	-6.10	14.77	<=38.45	Pass
			6	23.07	-6.10	14.82	<=38.45	Pass
			13	23.04	-6.10	14.79	<=38.45	Pass
		25	0	23.07	-6.10	14.82	<=38.45	Pass
	846.5	1	0	23.47	-6.10	15.22	<=38.45	Pass
			13	23.54	-6.10	15.29	<=38.45	Pass
			24	23.46	-6.10	15.21	<=38.45	Pass
		12	0	22.97	-6.10	14.72	<=38.45	Pass
			6	22.98	-6.10	14.73	<=38.45	Pass
			13	23.06	-6.10	14.81	<=38.45	Pass
		25	0	22.97	-6.10	14.72	<=38.45	Pass
16QAM	826.5	1	0	23.51	-6.10	15.26	<=38.45	Pass
			13	23.59	-6.10	15.34	<=38.45	Pass
			24	23.42	-6.10	15.17	<=38.45	Pass
		12	0	22.17	-6.10	13.92	<=38.45	Pass
			6	22.24	-6.10	13.99	<=38.45	Pass
			13	22.19	-6.10	13.94	<=38.45	Pass
		25	0	22.16	-6.10	13.91	<=38.45	Pass
	836.5	1	0	23.50	-6.10	15.25	<=38.45	Pass
			13	23.47	-6.10	15.22	<=38.45	Pass
			24	23.30	-6.10	15.05	<=38.45	Pass
		12	0	21.99	-6.10	13.74	<=38.45	Pass
			6	22.13	-6.10	13.88	<=38.45	Pass
			13	22.04	-6.10	13.79	<=38.45	Pass
		25	0	22.05	-6.10	13.80	<=38.45	Pass
	846.5	1	0	23.26	-6.10	15.01	<=38.45	Pass

			13	23.39	-6.10	15.14	<=38.45	Pass	
			24	23.32	-6.10	15.07	<=38.45	Pass	
		12	0	22.04	-6.10	13.79	<=38.45	Pass	
			6	22.07	-6.10	13.82	<=38.45	Pass	
			13	22.02	-6.10	13.77	<=38.45	Pass	
		25	0	22.00	-6.10	13.75	<=38.45	Pass	
64QAM	826.5	1	0	23.35	-6.10	15.10	<=38.45	Pass	
			13	23.31	-6.10	15.06	<=38.45	Pass	
			24	23.27	-6.10	15.02	<=38.45	Pass	
		12	0	22.10	-6.10	13.85	<=38.45	Pass	
			6	22.19	-6.10	13.94	<=38.45	Pass	
			13	22.17	-6.10	13.92	<=38.45	Pass	
		25	0	22.07	-6.10	13.82	<=38.45	Pass	
		836.5	1	0	23.06	-6.10	14.81	<=38.45	Pass
				13	23.20	-6.10	14.95	<=38.45	Pass
	24			23.25	-6.10	15.00	<=38.45	Pass	
	12		0	21.97	-6.10	13.72	<=38.45	Pass	
			6	22.06	-6.10	13.81	<=38.45	Pass	
			13	22.12	-6.10	13.87	<=38.45	Pass	
	25		0	22.06	-6.10	13.81	<=38.45	Pass	
	846.5		1	0	23.25	-6.10	15.00	<=38.45	Pass
				13	23.21	-6.10	14.96	<=38.45	Pass
		24		23.31	-6.10	15.06	<=38.45	Pass	
		12	0	21.97	-6.10	13.72	<=38.45	Pass	
			6	21.98	-6.10	13.73	<=38.45	Pass	
			13	22.00	-6.10	13.75	<=38.45	Pass	
	25	0	21.94	-6.10	13.69	<=38.45	Pass		
	256QAM	826.5	1	0	20.88	-6.10	12.63	<=38.45	Pass
				13	20.76	-6.10	12.51	<=38.45	Pass
				24	20.50	-6.10	12.25	<=38.45	Pass
12			0	20.68	-6.10	12.43	<=38.45	Pass	
			6	20.70	-6.10	12.45	<=38.45	Pass	
			13	20.64	-6.10	12.39	<=38.45	Pass	
25			0	20.62	-6.10	12.37	<=38.45	Pass	
836.5			1	0	20.55	-6.10	12.30	<=38.45	Pass
				13	20.79	-6.10	12.54	<=38.45	Pass
		24		20.49	-6.10	12.24	<=38.45	Pass	
		12	0	20.47	-6.10	12.22	<=38.45	Pass	
			6	20.55	-6.10	12.30	<=38.45	Pass	
			13	20.54	-6.10	12.29	<=38.45	Pass	
		25	0	20.57	-6.10	12.32	<=38.45	Pass	
		846.5	1	0	20.57	-6.10	12.32	<=38.45	Pass
				13	20.66	-6.10	12.41	<=38.45	Pass
24				20.54	-6.10	12.29	<=38.45	Pass	
12			0	20.47	-6.10	12.22	<=38.45	Pass	
			6	20.50	-6.10	12.25	<=38.45	Pass	
			13	20.51	-6.10	12.26	<=38.45	Pass	
25		0	20.49	-6.10	12.24	<=38.45	Pass		
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.4 B5_10MHz_ERP

1.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	

QPSK	829	1	0	23.56	-6.10	15.31	<=38.45	Pass
			25	23.47	-6.10	15.22	<=38.45	Pass
			49	23.46	-6.10	15.21	<=38.45	Pass
		25	0	23.07	-6.10	14.82	<=38.45	Pass
			13	23.12	-6.10	14.87	<=38.45	Pass
			25	23.11	-6.10	14.86	<=38.45	Pass
		50	0	23.13	-6.10	14.88	<=38.45	Pass
	836.5	1	0	23.62	-6.10	15.37	<=38.45	Pass
			25	23.63	-6.10	15.38	<=38.45	Pass
			49	23.49	-6.10	15.24	<=38.45	Pass
		25	0	23.02	-6.10	14.77	<=38.45	Pass
			13	23.10	-6.10	14.85	<=38.45	Pass
			25	23.07	-6.10	14.82	<=38.45	Pass
		50	0	23.08	-6.10	14.83	<=38.45	Pass
	844	1	0	23.56	-6.10	15.31	<=38.45	Pass
			25	23.58	-6.10	15.33	<=38.45	Pass
			49	23.37	-6.10	15.12	<=38.45	Pass
		25	0	23.07	-6.10	14.82	<=38.45	Pass
			13	23.10	-6.10	14.85	<=38.45	Pass
			25	23.08	-6.10	14.83	<=38.45	Pass
		50	0	23.01	-6.10	14.76	<=38.45	Pass
16QAM	829	1	0	23.69	-6.10	15.44	<=38.45	Pass
			25	23.44	-6.10	15.19	<=38.45	Pass
			49	23.33	-6.10	15.08	<=38.45	Pass
		25	0	22.09	-6.10	13.84	<=38.45	Pass
			13	22.20	-6.10	13.95	<=38.45	Pass
			25	22.06	-6.10	13.81	<=38.45	Pass
		50	0	22.14	-6.10	13.89	<=38.45	Pass
	836.5	1	0	23.36	-6.10	15.11	<=38.45	Pass
			25	23.43	-6.10	15.18	<=38.45	Pass
			49	23.47	-6.10	15.22	<=38.45	Pass
		25	0	21.98	-6.10	13.73	<=38.45	Pass
			13	22.15	-6.10	13.90	<=38.45	Pass
			25	22.06	-6.10	13.81	<=38.45	Pass
		50	0	22.06	-6.10	13.81	<=38.45	Pass
	844	1	0	23.58	-6.10	15.33	<=38.45	Pass
			25	23.16	-6.10	14.91	<=38.45	Pass
			49	23.39	-6.10	15.14	<=38.45	Pass
		25	0	22.03	-6.10	13.78	<=38.45	Pass
			13	22.07	-6.10	13.82	<=38.45	Pass
			25	22.00	-6.10	13.75	<=38.45	Pass
		50	0	21.92	-6.10	13.67	<=38.45	Pass
64QAM	829	1	0	23.37	-6.10	15.12	<=38.45	Pass
			25	23.22	-6.10	14.97	<=38.45	Pass
			49	23.09	-6.10	14.84	<=38.45	Pass
		25	0	22.05	-6.10	13.80	<=38.45	Pass
			13	22.10	-6.10	13.85	<=38.45	Pass
			25	22.06	-6.10	13.81	<=38.45	Pass
		50	0	22.10	-6.10	13.85	<=38.45	Pass
	836.5	1	0	23.20	-6.10	14.95	<=38.45	Pass
			25	23.31	-6.10	15.06	<=38.45	Pass
			49	23.24	-6.10	14.99	<=38.45	Pass
		25	0	22.06	-6.10	13.81	<=38.45	Pass
			13	22.14	-6.10	13.89	<=38.45	Pass
			25	21.99	-6.10	13.74	<=38.45	Pass
		50	0	22.06	-6.10	13.81	<=38.45	Pass
	844	1	0	23.10	-6.10	14.85	<=38.45	Pass
			25	23.11	-6.10	14.86	<=38.45	Pass
			49	23.14	-6.10	14.89	<=38.45	Pass

		25	0	22.01	-6.10	13.76	<=38.45	Pass		
			13	22.08	-6.10	13.83	<=38.45	Pass		
			25	22.04	-6.10	13.79	<=38.45	Pass		
		50	0	21.99	-6.10	13.74	<=38.45	Pass		
256QAM	829	1	0	20.68	-6.10	12.43	<=38.45	Pass		
			25	20.64	-6.10	12.39	<=38.45	Pass		
			49	20.58	-6.10	12.33	<=38.45	Pass		
		25	0	20.52	-6.10	12.27	<=38.45	Pass		
			13	20.66	-6.10	12.41	<=38.45	Pass		
			25	20.54	-6.10	12.29	<=38.45	Pass		
		50	0	20.60	-6.10	12.35	<=38.45	Pass		
		836.5	1	0	20.56	-6.10	12.31	<=38.45	Pass	
				25	20.60	-6.10	12.35	<=38.45	Pass	
	49			20.75	-6.10	12.50	<=38.45	Pass		
	25		0	20.52	-6.10	12.27	<=38.45	Pass		
			13	20.57	-6.10	12.32	<=38.45	Pass		
			25	20.53	-6.10	12.28	<=38.45	Pass		
	50		0	20.54	-6.10	12.29	<=38.45	Pass		
	844		1	0	20.68	-6.10	12.43	<=38.45	Pass	
				25	20.66	-6.10	12.41	<=38.45	Pass	
		49		20.37	-6.10	12.12	<=38.45	Pass		
		25	0	20.50	-6.10	12.25	<=38.45	Pass		
			13	20.54	-6.10	12.29	<=38.45	Pass		
			25	20.46	-6.10	12.21	<=38.45	Pass		
		50	0	20.52	-6.10	12.27	<=38.45	Pass		
		Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 B5_10MHz

2.1.1 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	3.6	1.300	0.0016	-2.5 to 2.5	Pass
					3.86	1.200	0.0014	-2.5 to 2.5	Pass
					4.3	0.600	0.0007	-2.5 to 2.5	Pass
				-30	3.86	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.86	1.300	0.0016	-2.5 to 2.5	Pass
				-10	3.86	-1.200	-0.0014	-2.5 to 2.5	Pass
				0	3.86	1.100	0.0013	-2.5 to 2.5	Pass
				10	3.86	-0.300	-0.0004	-2.5 to 2.5	Pass
				30	3.86	1.300	0.0016	-2.5 to 2.5	Pass
				40	3.86	0.900	0.0011	-2.5 to 2.5	Pass
				50	3.86	0.800	0.0010	-2.5 to 2.5	Pass
	836.5	50	0	20	3.6	-2.400	-0.0029	-2.5 to 2.5	Pass
					3.86	0.300	0.0004	-2.5 to 2.5	Pass
					4.3	-0.400	-0.0005	-2.5 to 2.5	Pass
				-30	3.86	-0.800	-0.0010	-2.5 to 2.5	Pass
				-20	3.86	1.900	0.0023	-2.5 to 2.5	Pass
				-10	3.86	0.900	0.0011	-2.5 to 2.5	Pass
				0	3.86	-0.600	-0.0007	-2.5 to 2.5	Pass
				10	3.86	-1.500	-0.0018	-2.5 to 2.5	Pass
				30	3.86	-1.300	-0.0016	-2.5 to 2.5	Pass

	844	50	0	40	3.86	-2.000	-0.0024	-2.5 to 2.5	Pass
				50	3.86	-1.400	-0.0017	-2.5 to 2.5	Pass
				20	3.6	1.400	0.0017	-2.5 to 2.5	Pass
					3.86	-0.500	-0.0006	-2.5 to 2.5	Pass
					4.3	-1.100	-0.0013	-2.5 to 2.5	Pass
				-30	3.86	-2.200	-0.0026	-2.5 to 2.5	Pass
				-20	3.86	-2.700	-0.0032	-2.5 to 2.5	Pass
				-10	3.86	-2.300	-0.0027	-2.5 to 2.5	Pass
				0	3.86	-0.500	-0.0006	-2.5 to 2.5	Pass
				10	3.86	-1.000	-0.0012	-2.5 to 2.5	Pass
				30	3.86	-0.600	-0.0007	-2.5 to 2.5	Pass
				40	3.86	0.600	0.0007	-2.5 to 2.5	Pass
				50	3.86	-3.300	-0.0039	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

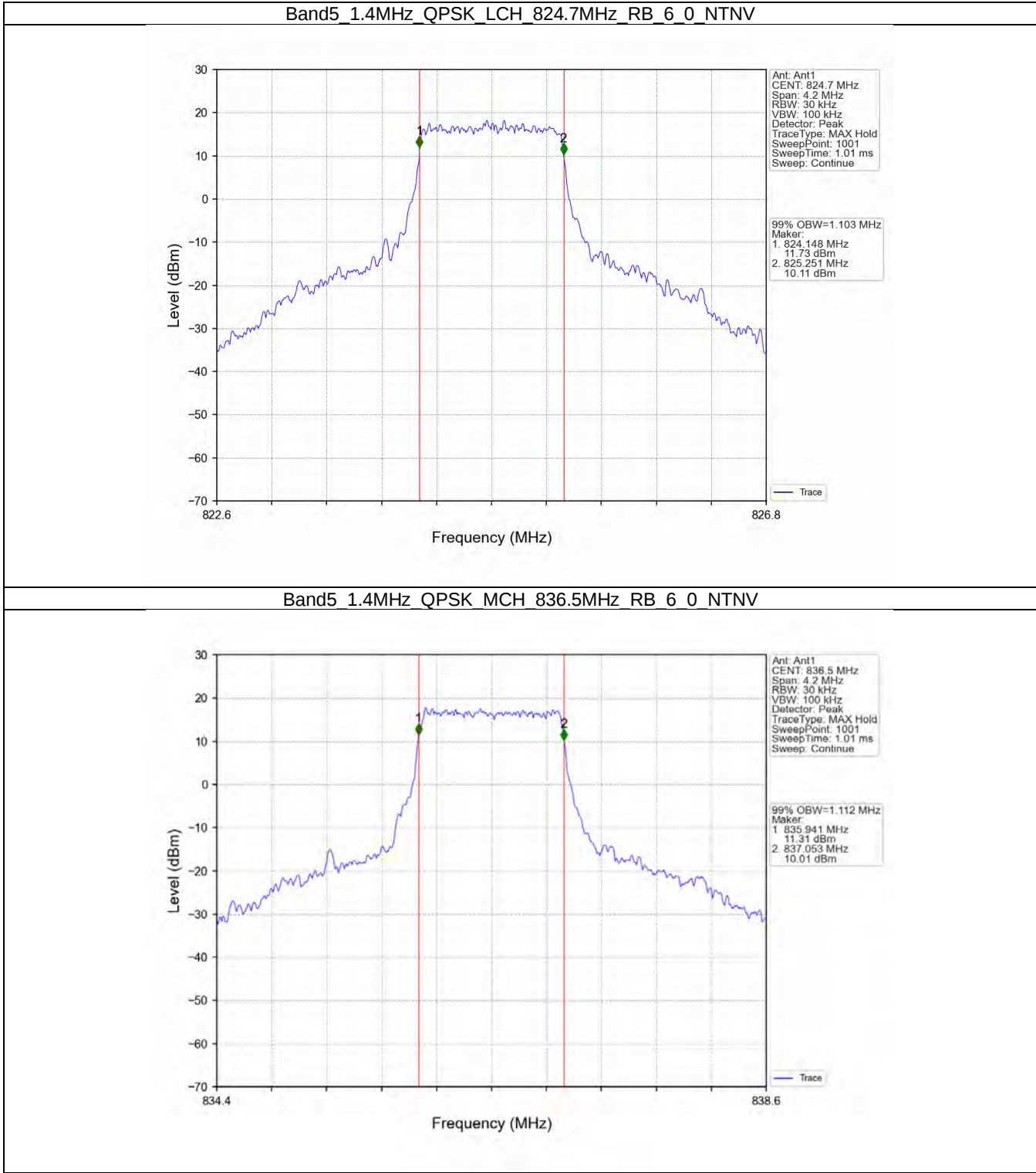
3.1 Band5_OBW

3.1.1 Test Result

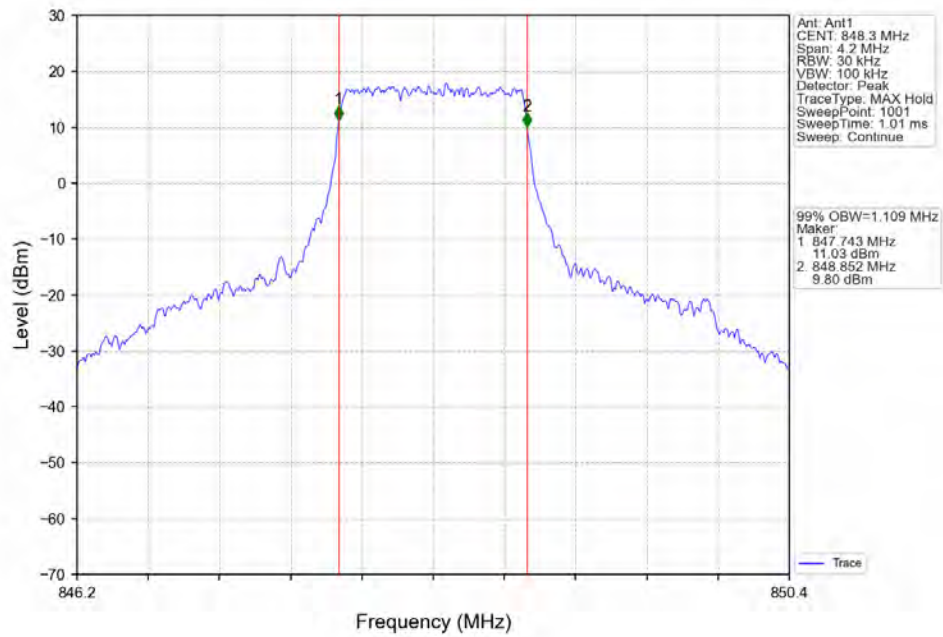
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.103	/	Pass
		836.5	6	0	1.112	/	Pass
		848.3	6	0	1.109	/	Pass
	16QAM	824.7	6	0	1.108	/	Pass
		836.5	6	0	1.107	/	Pass
		848.3	6	0	1.108	/	Pass
	64QAM	824.7	6	0	1.108	/	Pass
		836.5	6	0	1.111	/	Pass
		848.3	6	0	1.105	/	Pass
	256QAM	824.7	6	0	1.102	/	Pass
		836.5	6	0	1.099	/	Pass
		848.3	6	0	1.101	/	Pass
3	QPSK	825.5	15	0	2.745	/	Pass
		836.5	15	0	2.745	/	Pass
		847.5	15	0	2.750	/	Pass
	16QAM	825.5	15	0	2.735	/	Pass
		836.5	15	0	2.754	/	Pass
		847.5	15	0	2.755	/	Pass
	64QAM	825.5	15	0	2.757	/	Pass
		836.5	15	0	2.738	/	Pass
		847.5	15	0	2.750	/	Pass
	256QAM	825.5	15	0	2.756	/	Pass
		836.5	15	0	2.739	/	Pass
		847.5	15	0	2.744	/	Pass
5	QPSK	826.5	25	0	4.533	/	Pass
		836.5	25	0	4.530	/	Pass
		846.5	25	0	4.518	/	Pass
	16QAM	826.5	25	0	4.535	/	Pass
		836.5	25	0	4.517	/	Pass
		846.5	25	0	4.515	/	Pass
	64QAM	826.5	25	0	4.508	/	Pass
		836.5	25	0	4.531	/	Pass
		846.5	25	0	4.513	/	Pass

	256QAM	826.5	25	0	4.506	/	Pass
		836.5	25	0	4.517	/	Pass
		846.5	25	0	4.517	/	Pass
10	QPSK	829	50	0	9.012	/	Pass
		836.5	50	0	8.977	/	Pass
		844	50	0	9.005	/	Pass
	16QAM	829	50	0	9.036	/	Pass
		836.5	50	0	9.006	/	Pass
		844	50	0	8.997	/	Pass
	64QAM	829	50	0	9.013	/	Pass
		836.5	50	0	8.984	/	Pass
		844	50	0	9.019	/	Pass
	256QAM	829	50	0	9.032	/	Pass
		836.5	50	0	8.962	/	Pass
		844	50	0	8.980	/	Pass

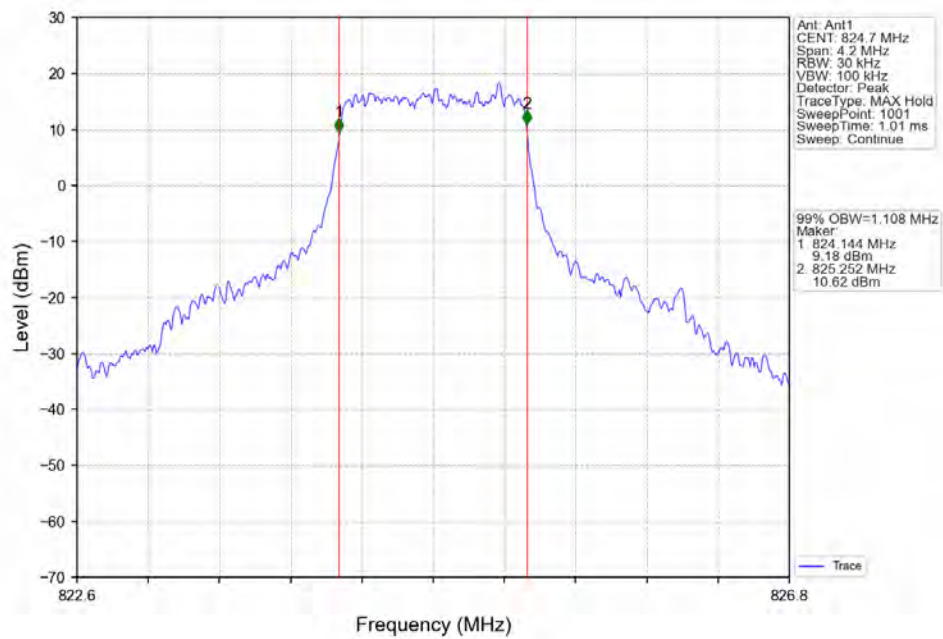
3.1.2 Test Graph



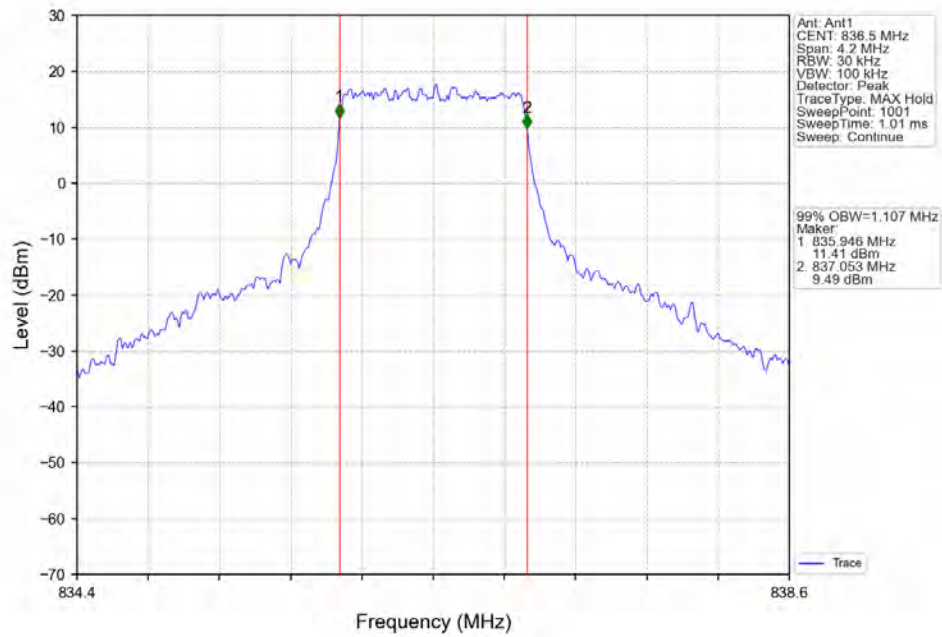
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



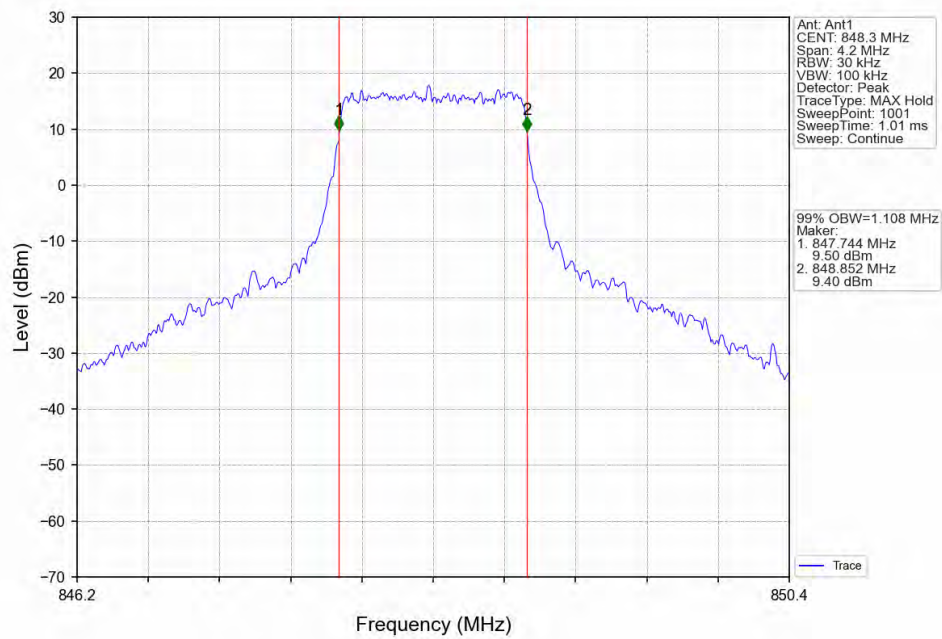
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



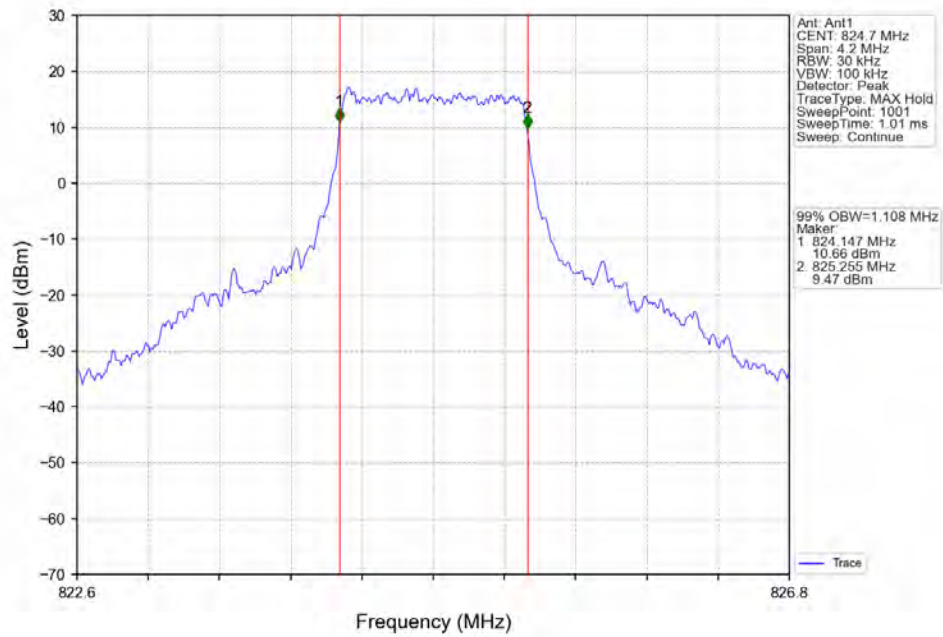
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



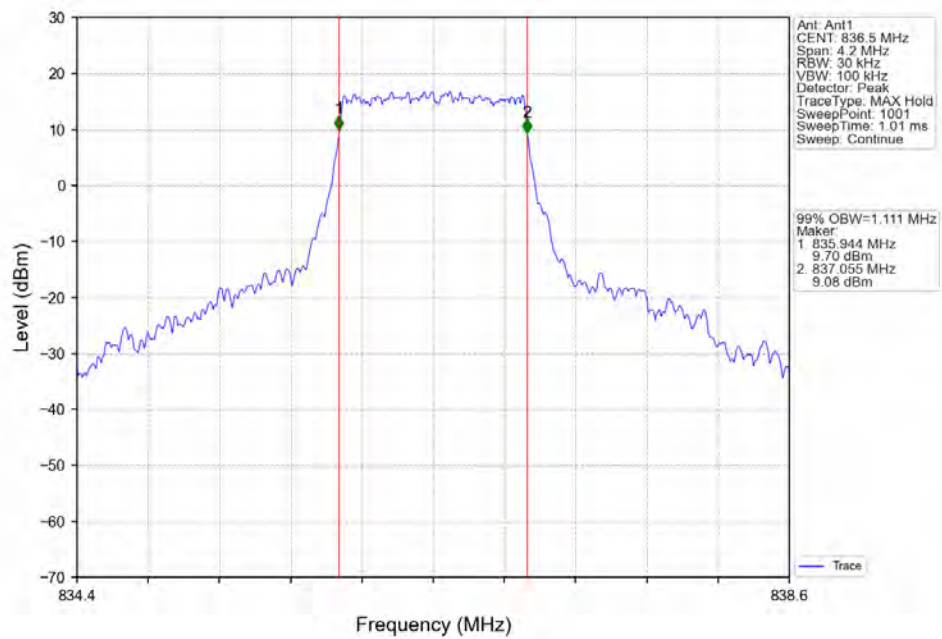
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



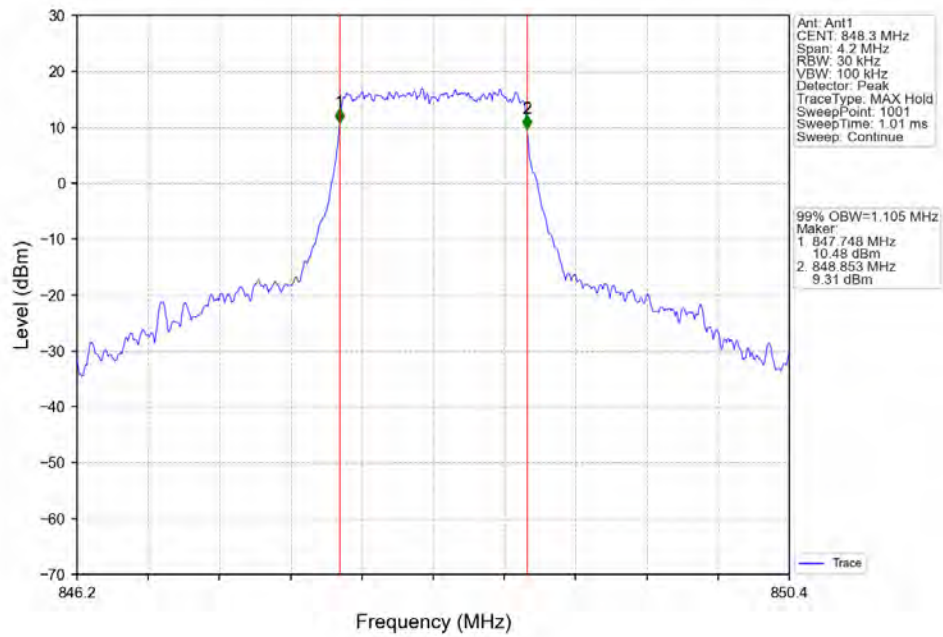
Band5 1.4MHz 64QAM LCH 824.7MHz RB 6 0 NTV



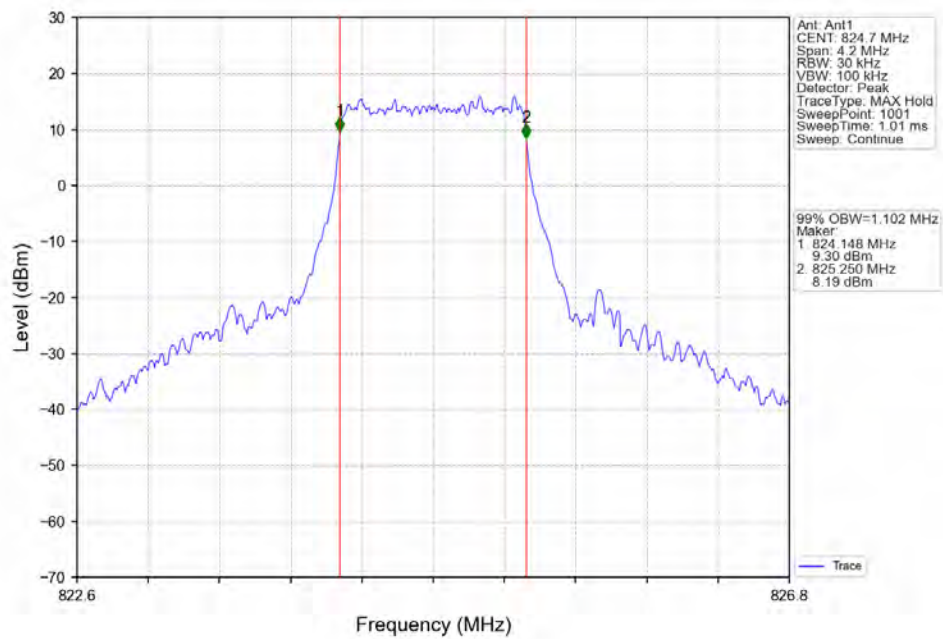
Band5 1.4MHz 64QAM MCH 836.5MHz RB 6 0 NTV



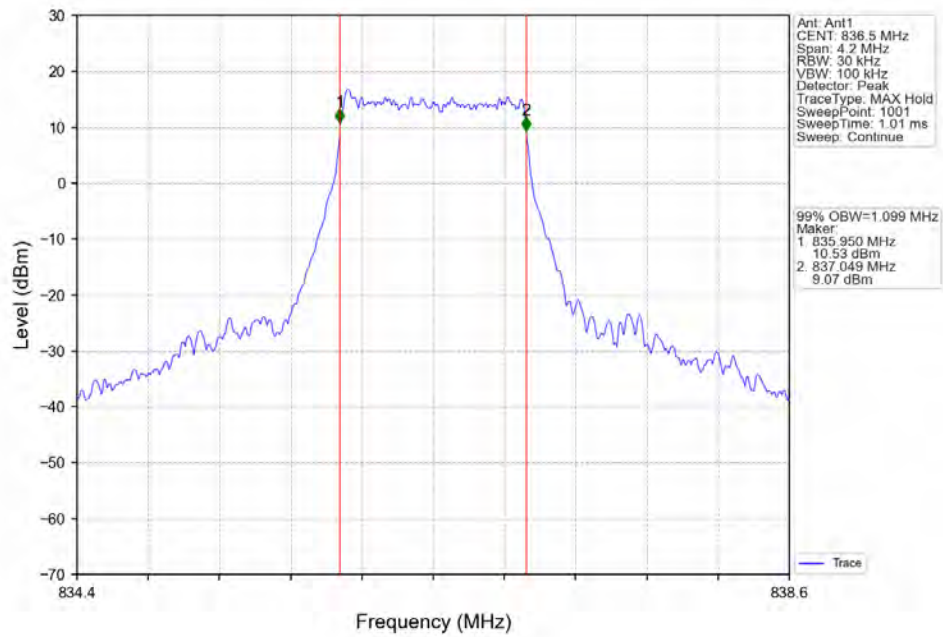
Band5 1.4MHz 64QAM HCH 848.3MHz RB 6 0 NTNV



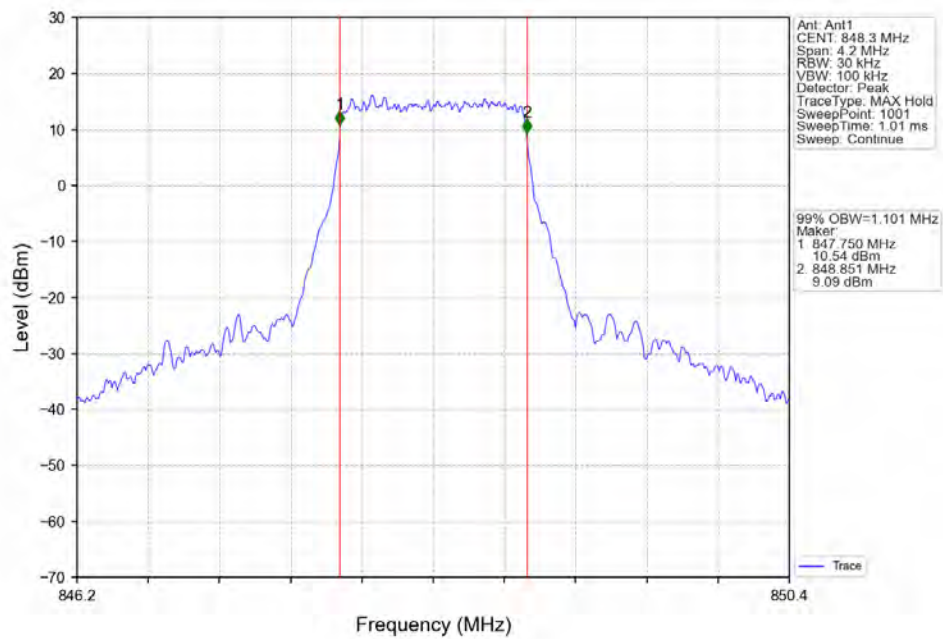
Band5 1.4MHz 256QAM LCH 824.7MHz RB 6 0 NTNV



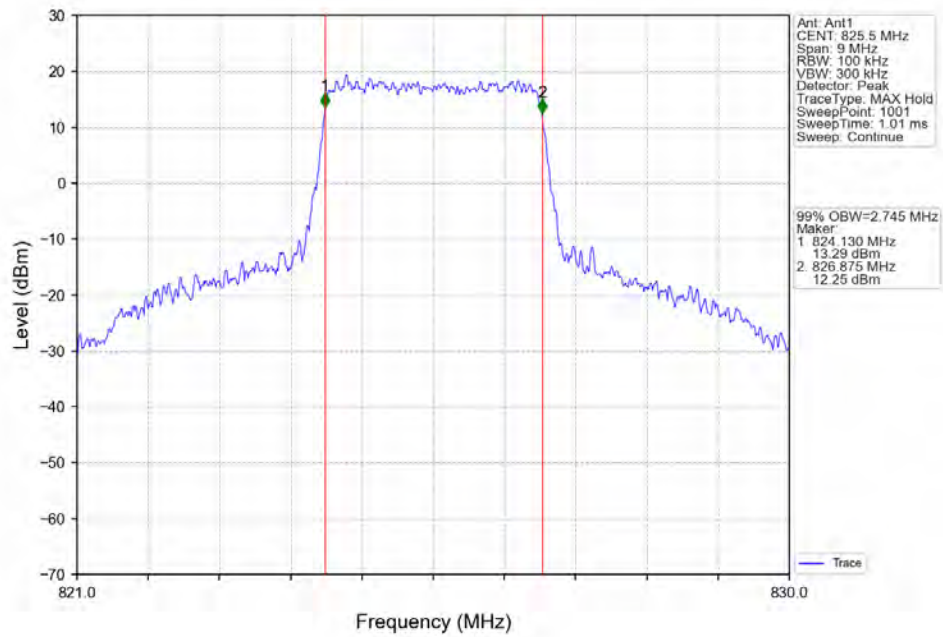
Band5 1.4MHz 256QAM MCH 836.5MHz RB 6 0 NTN



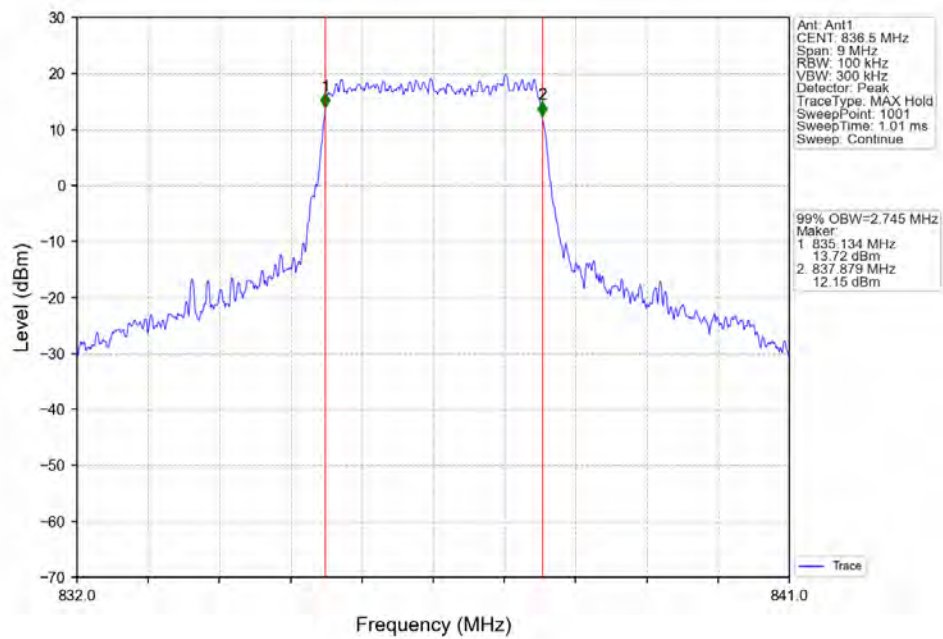
Band5 1.4MHz 256QAM HCH 848.3MHz RB 6 0 NTN



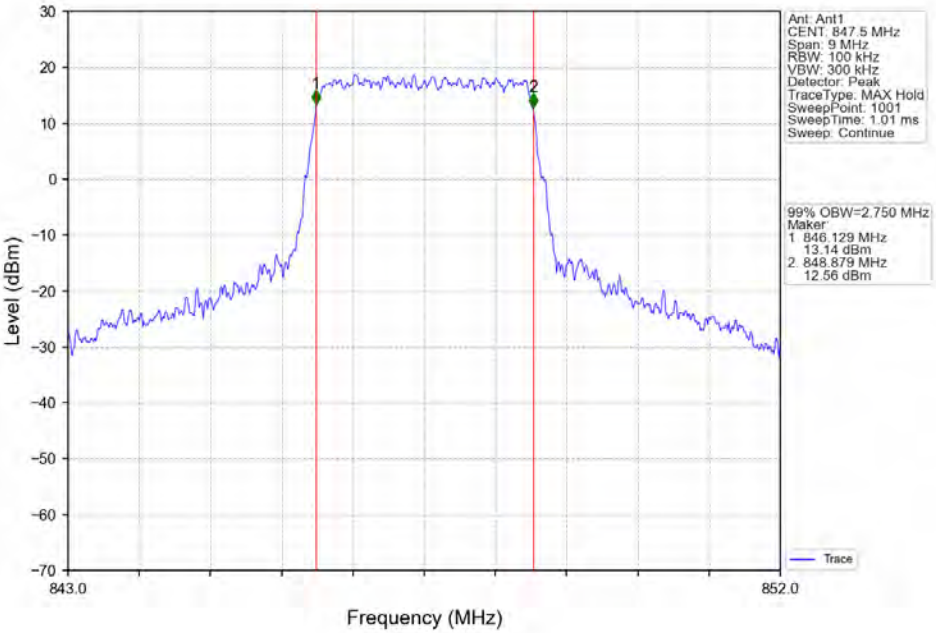
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



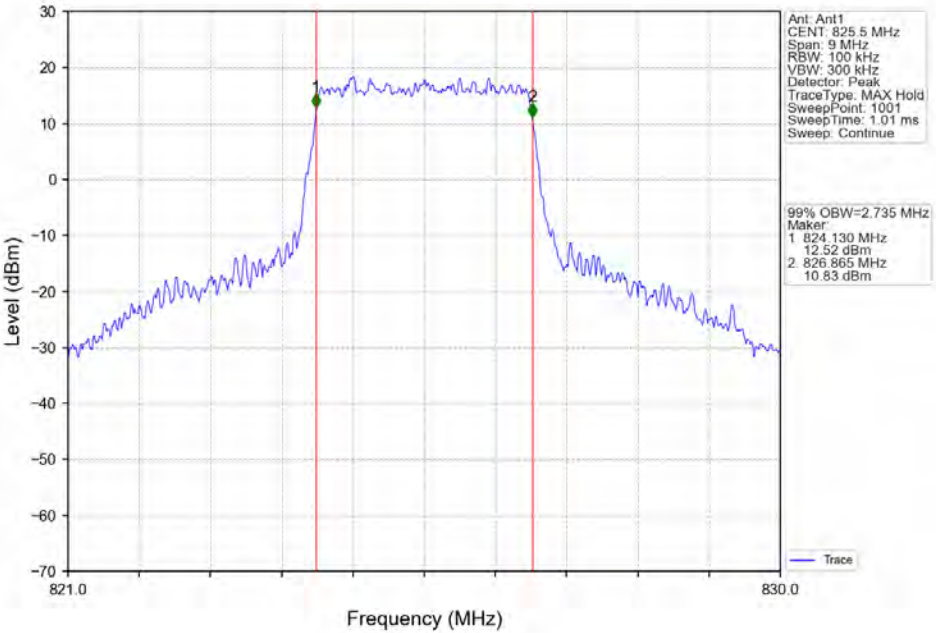
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



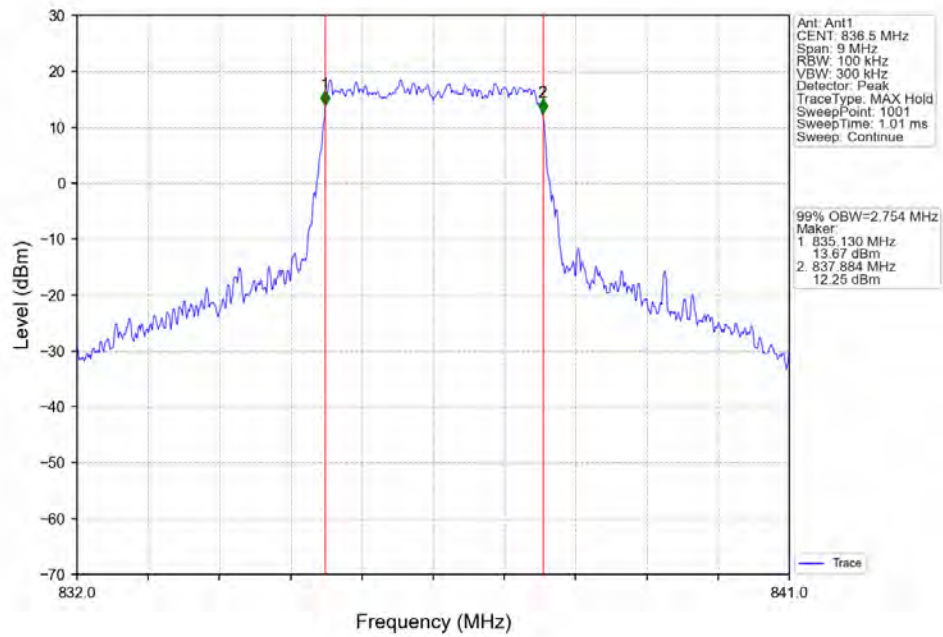
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



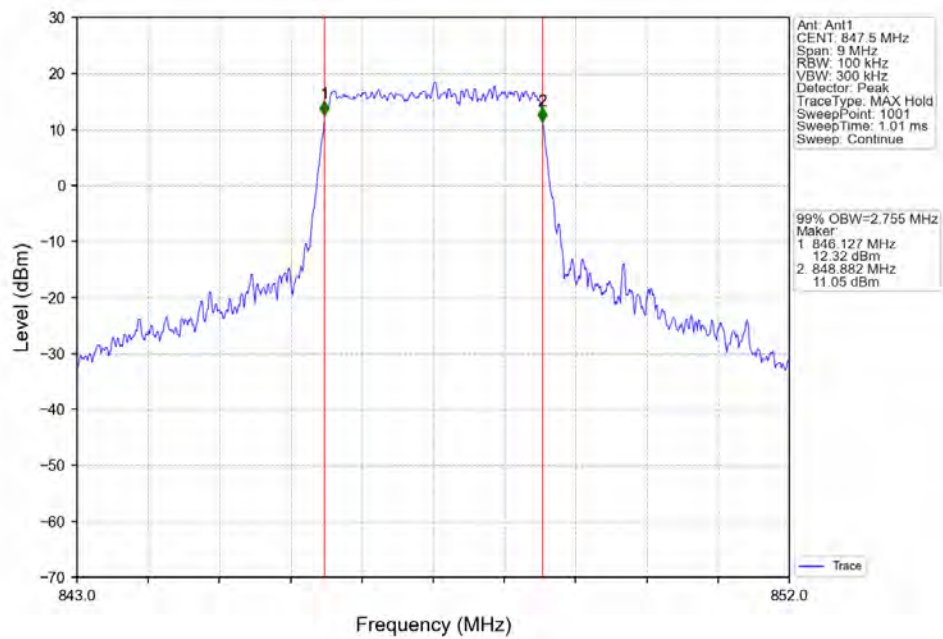
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



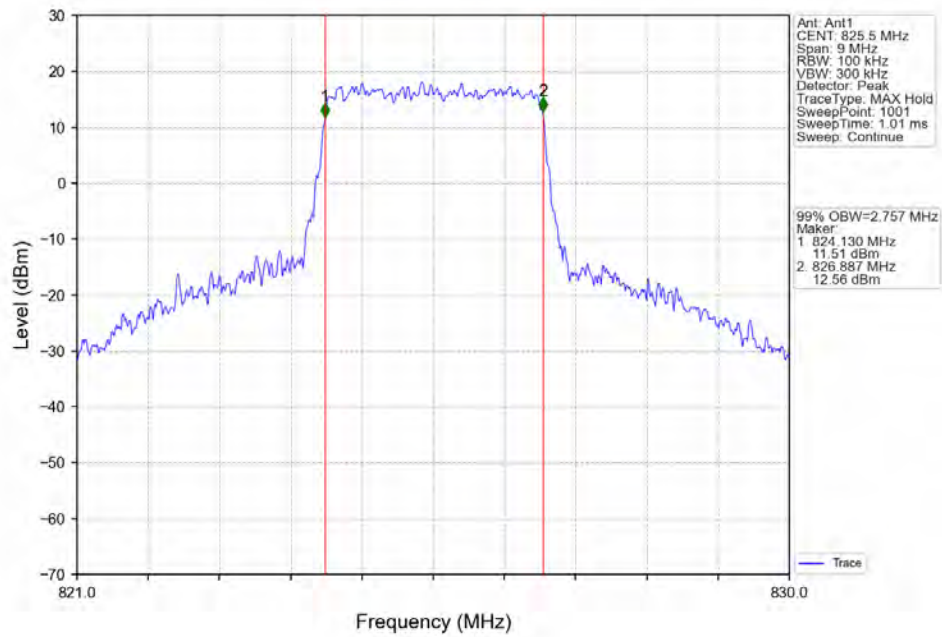
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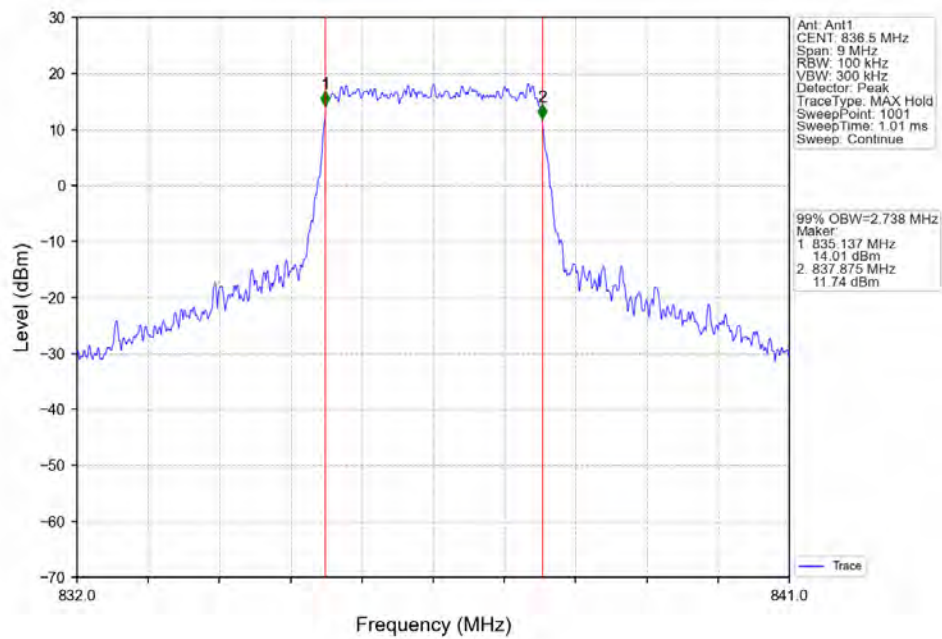
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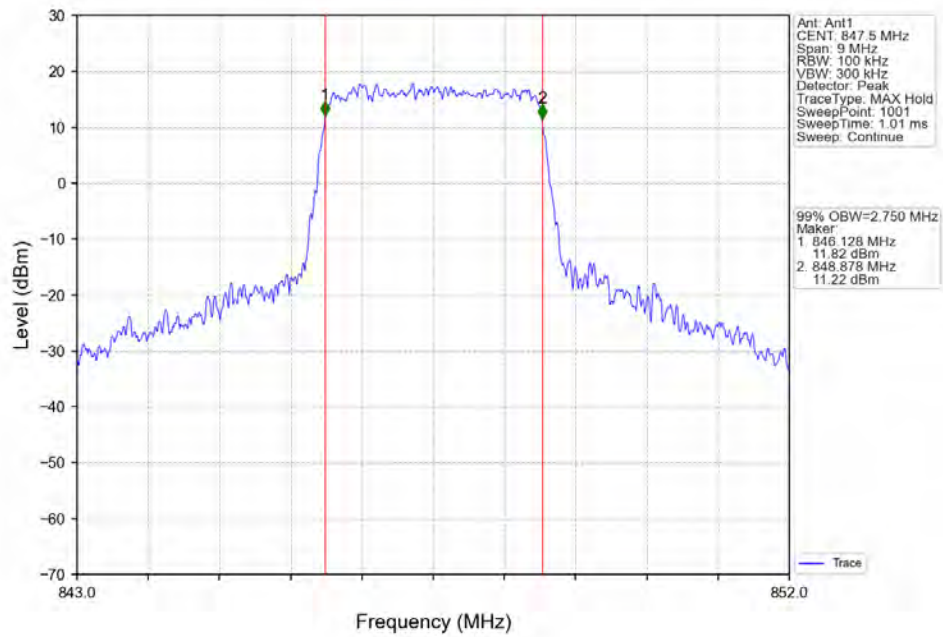
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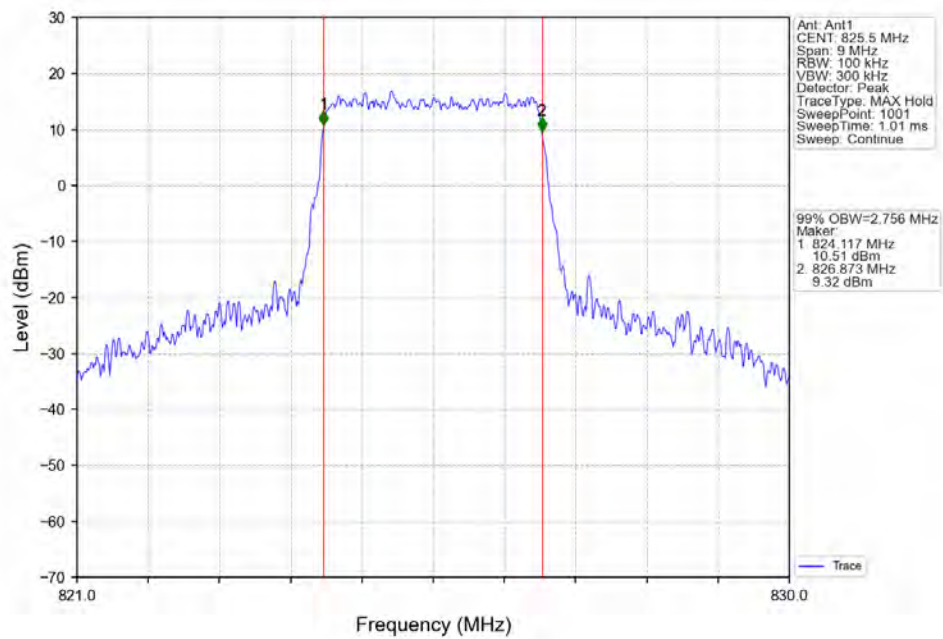
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTV



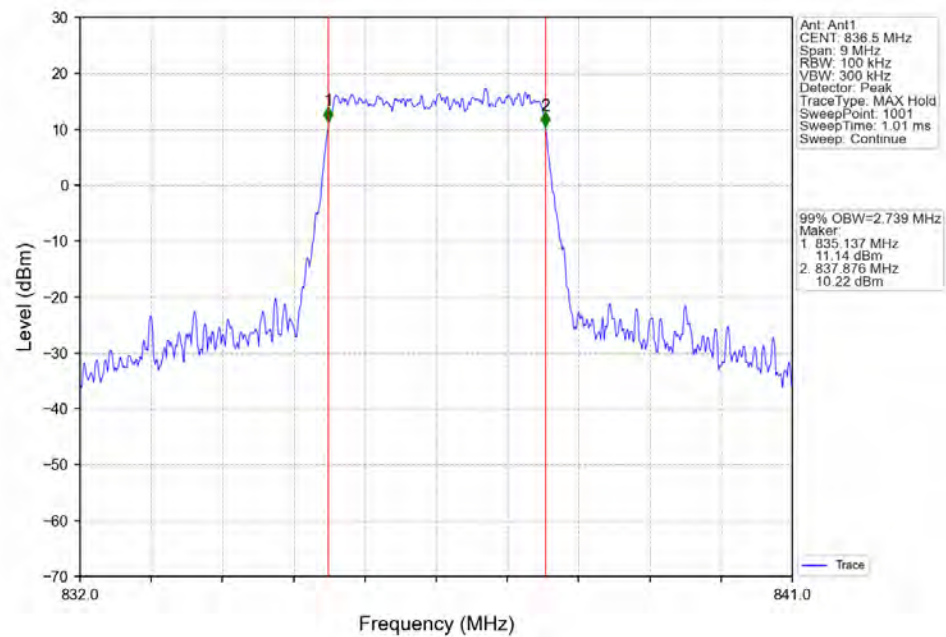
Band5 3MHz 64QAM HCH 847.5MHz RB 15 0 NTV



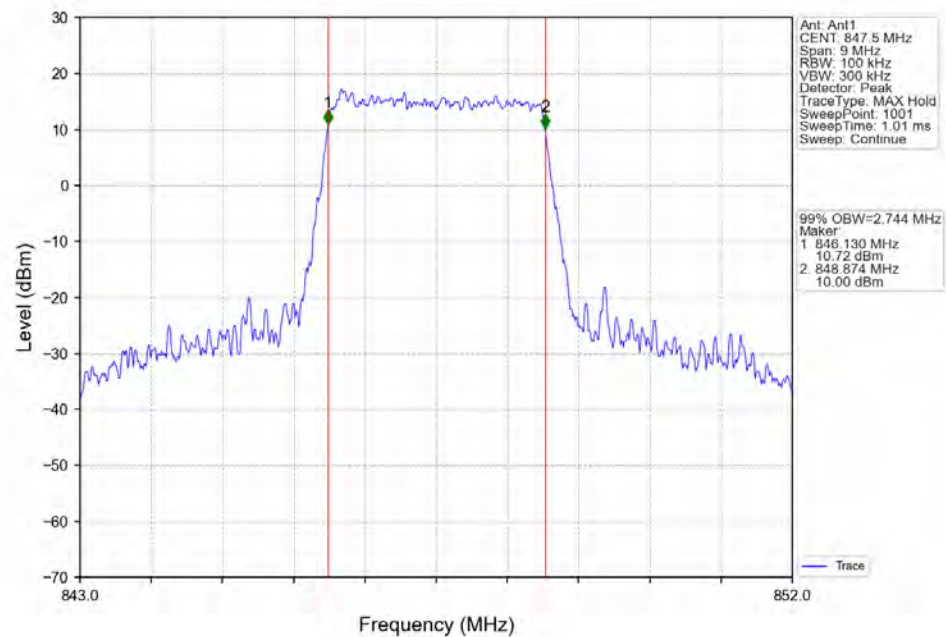
Band5_3MHz_256QAM_LCH_825.5MHz_RB_15_0_NTV



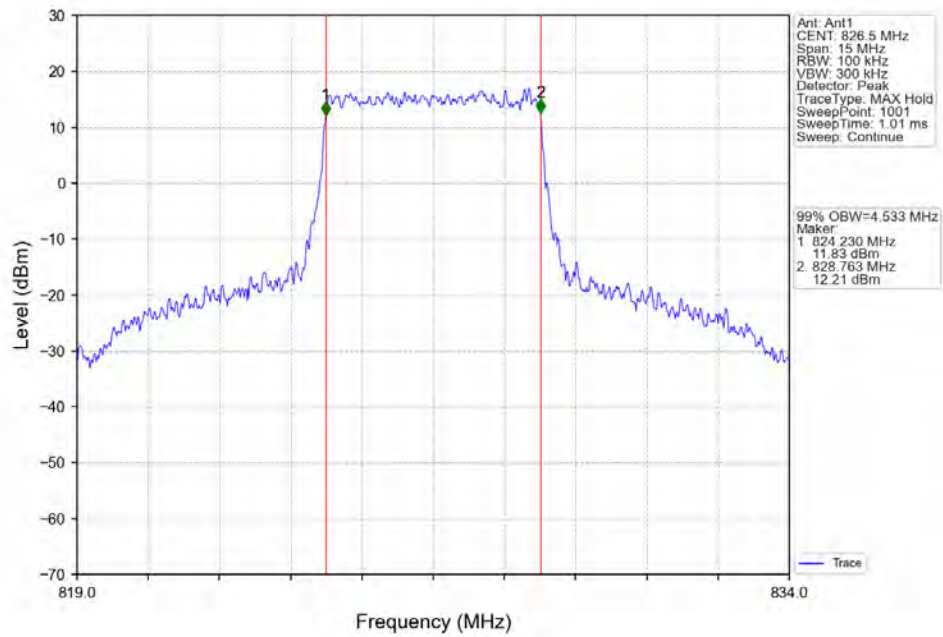
Band5_3MHz_256QAM_MCH_836.5MHz_RB_15_0_NTNV



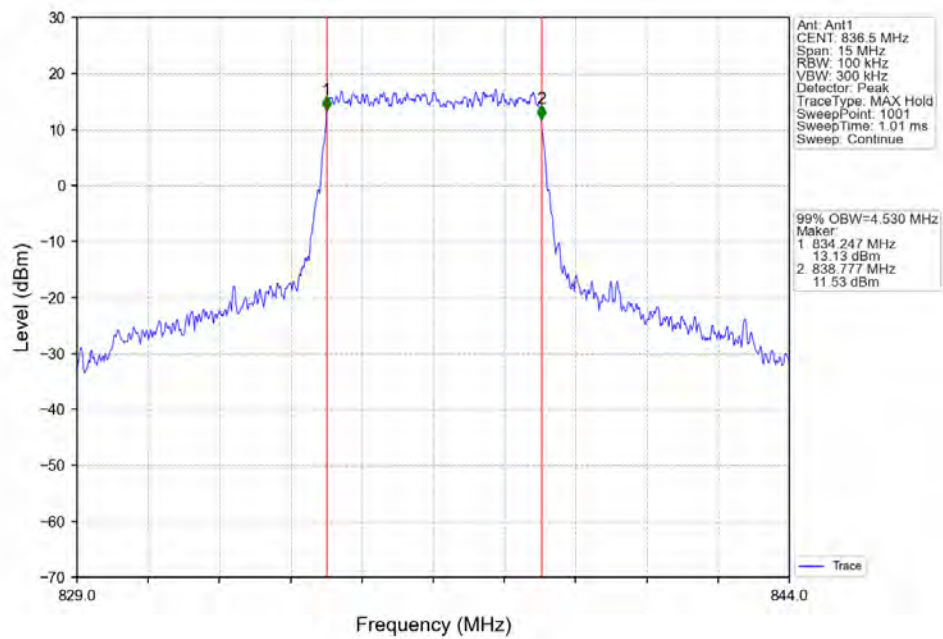
Band5_3MHz_256QAM_HCH_847.5MHz_RB_15_0_NTNV



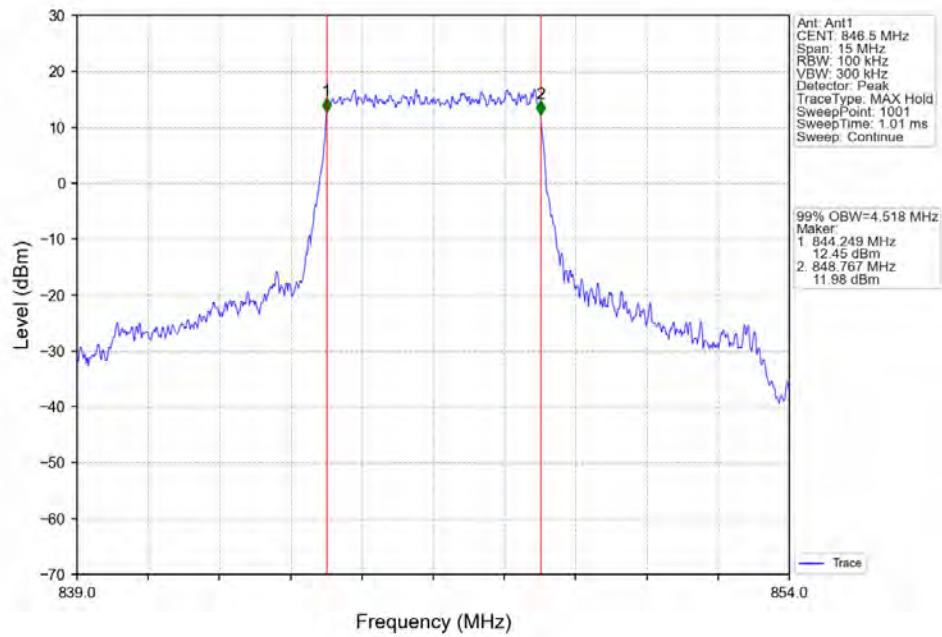
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



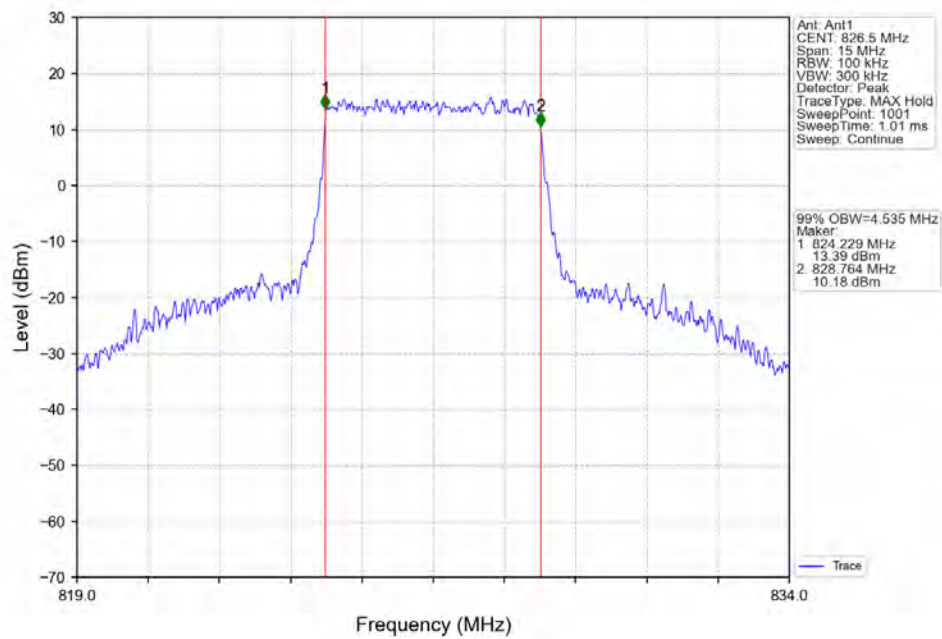
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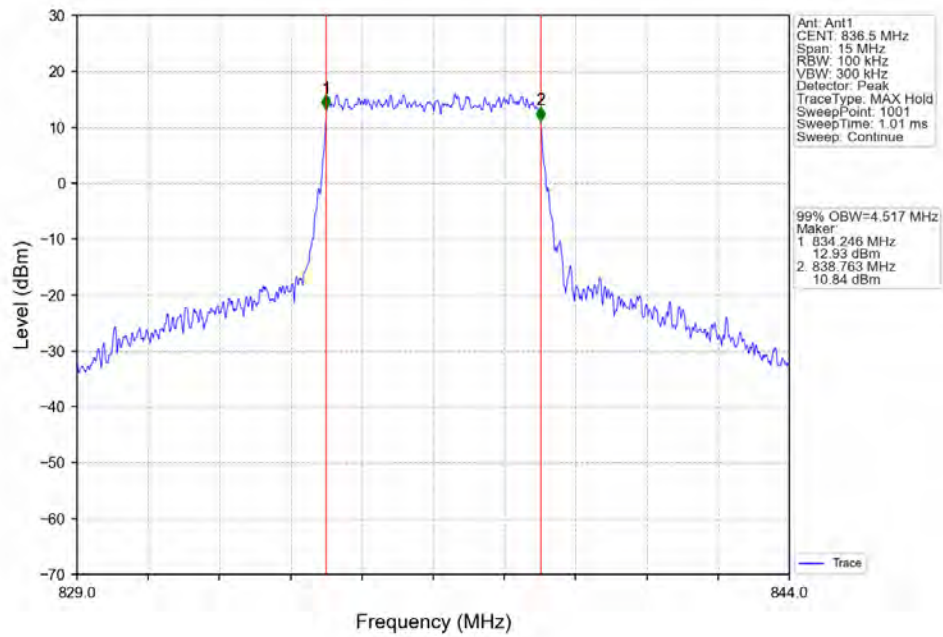
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



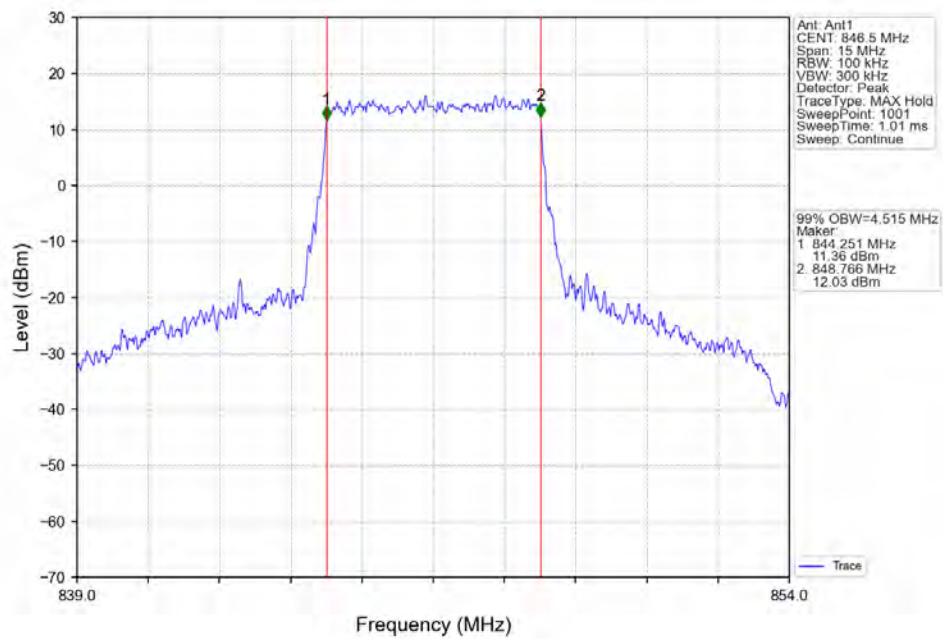
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



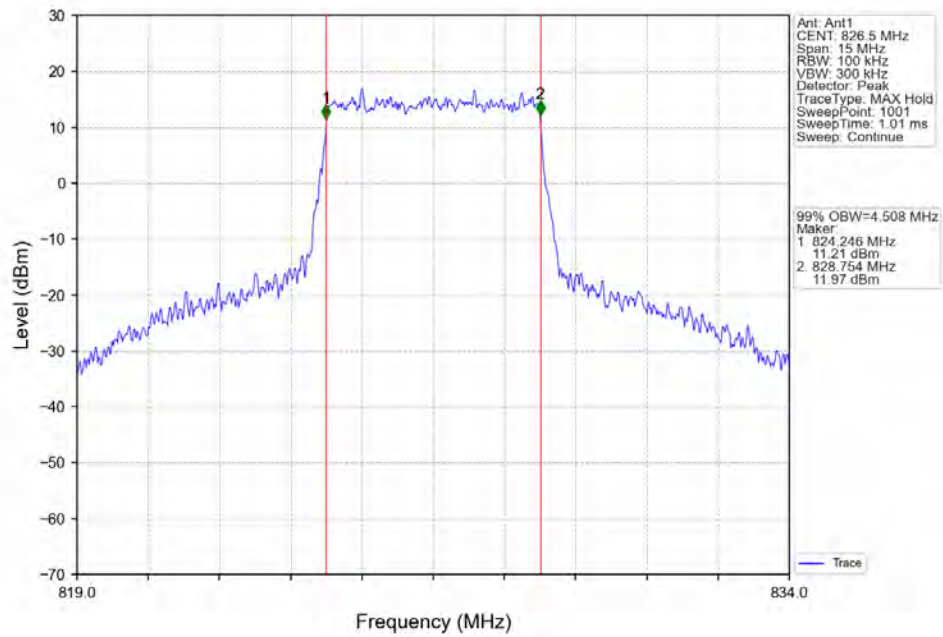
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



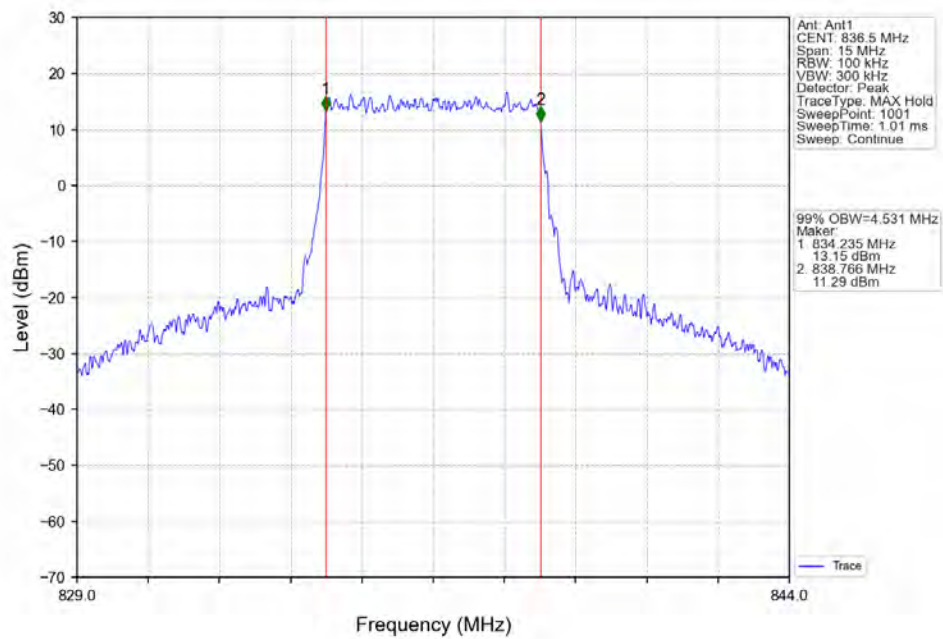
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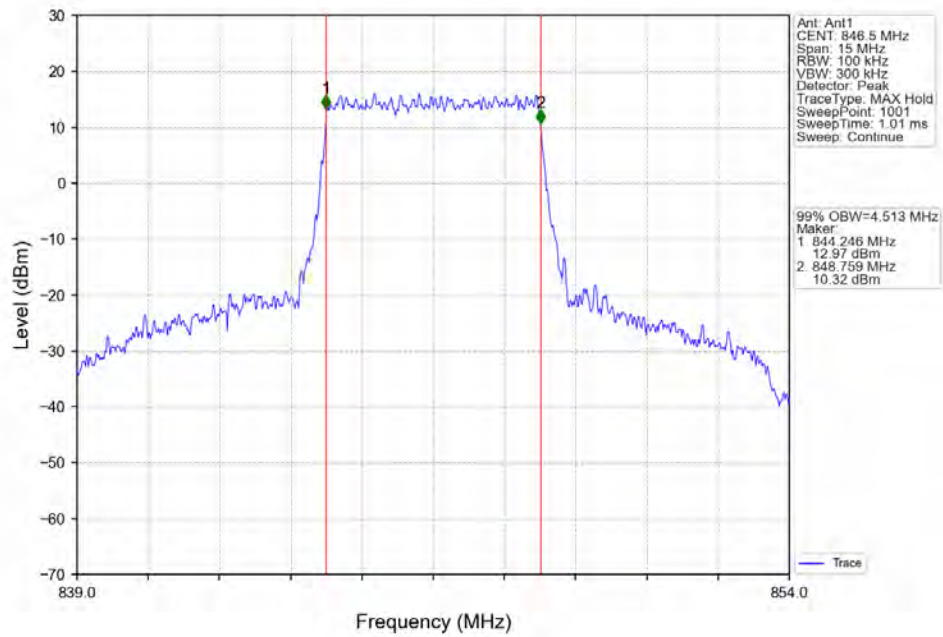
Band5 5MHz 64QAM LCH 826.5MHz RB 25 0 NTV



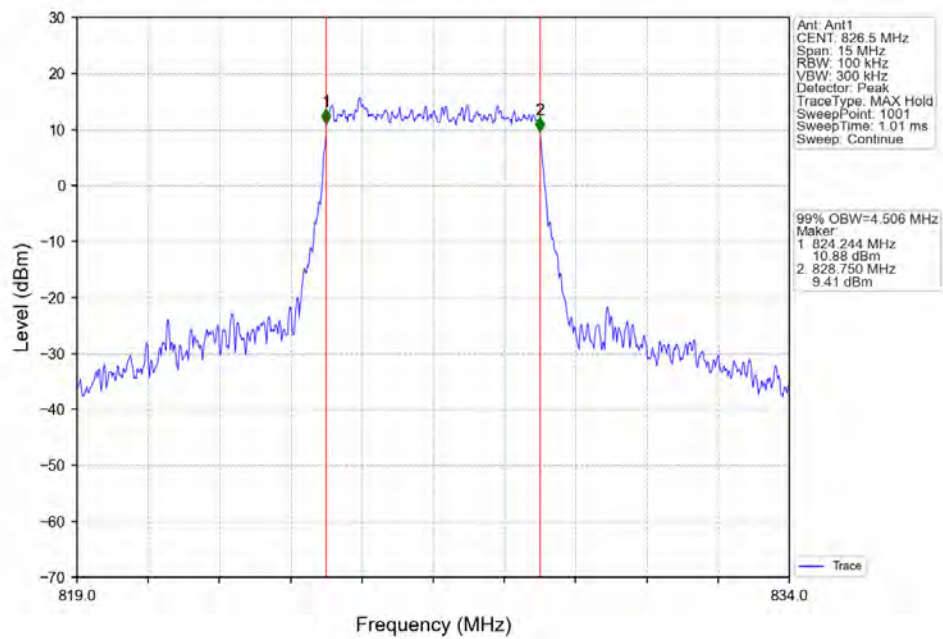
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTV



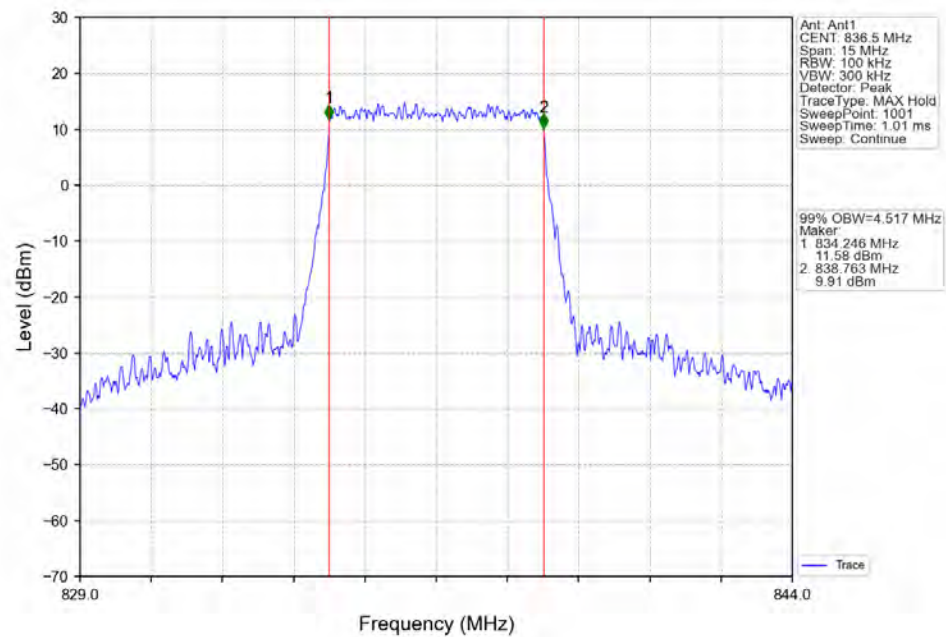
Band5 5MHz 64QAM HCH 846.5MHz RB 25 0 NTNV



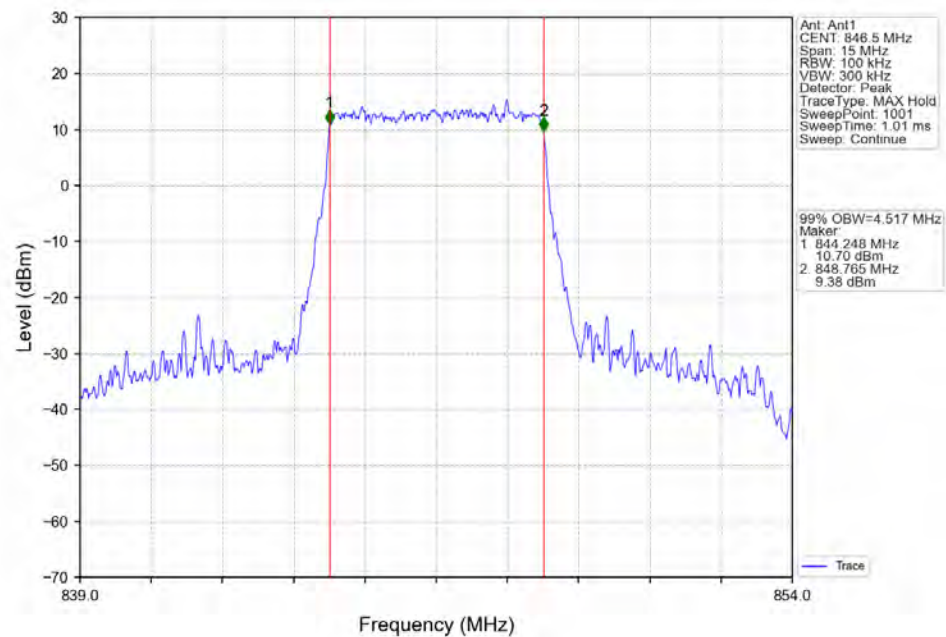
Band5_5MHz_256QAM_LCH_826.5MHz_RB_25_0_NTNV



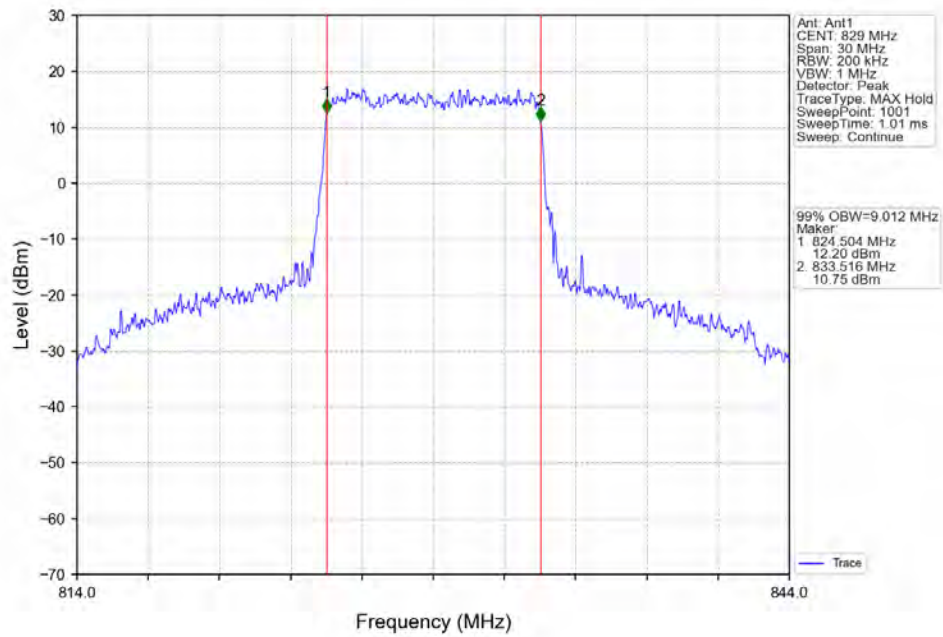
Band5_5MHz_256QAM_MCH_836.5MHz_RB_25_0_NTNV



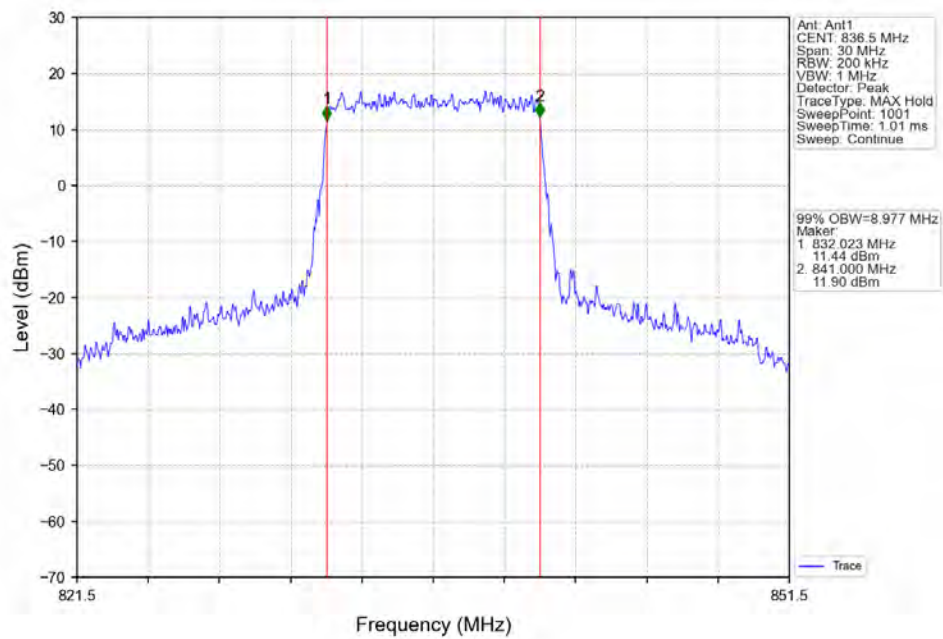
Band5_5MHz_256QAM_HCH_846.5MHz_RB_25_0_NTNV



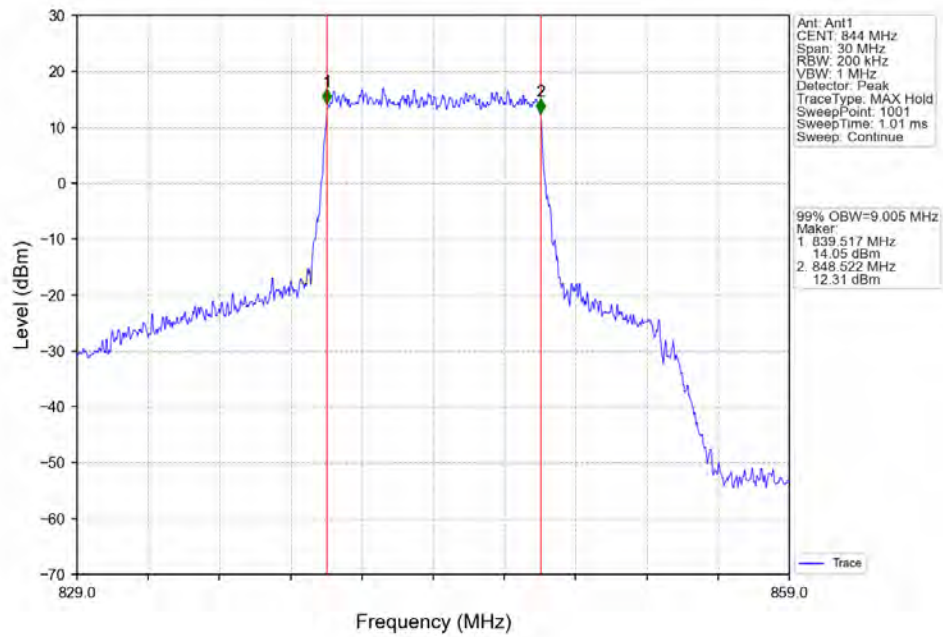
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTN



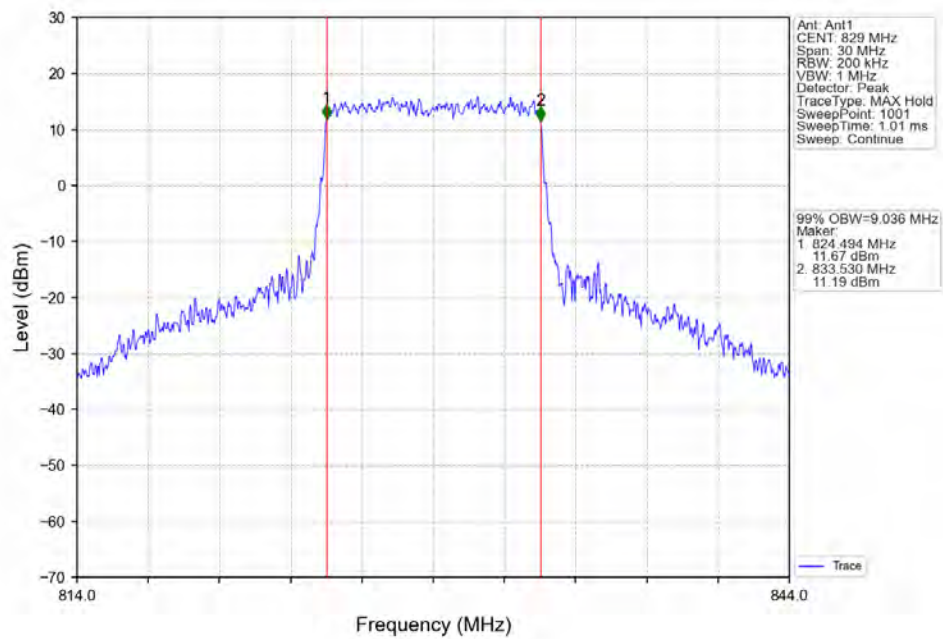
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0 NTN



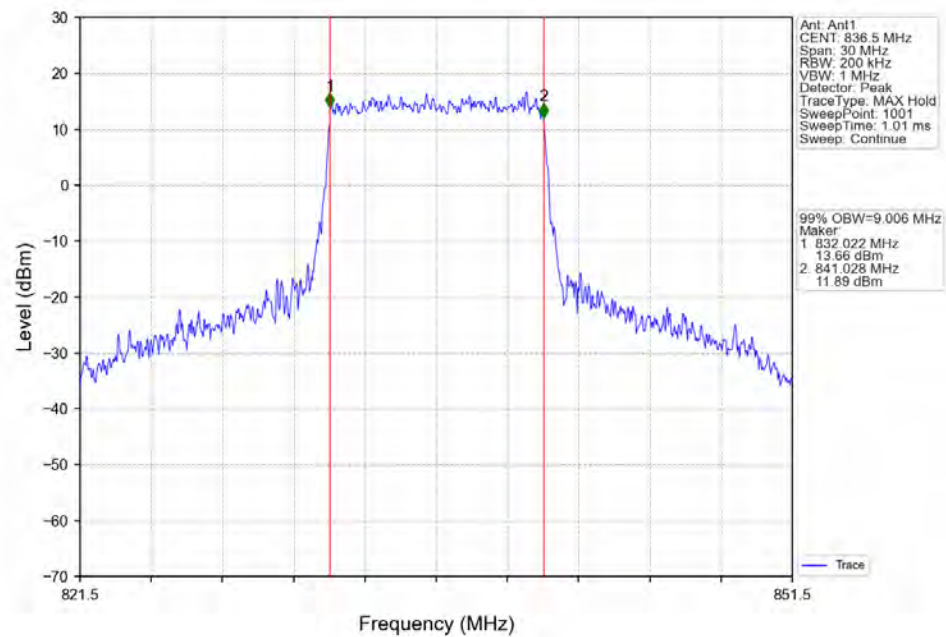
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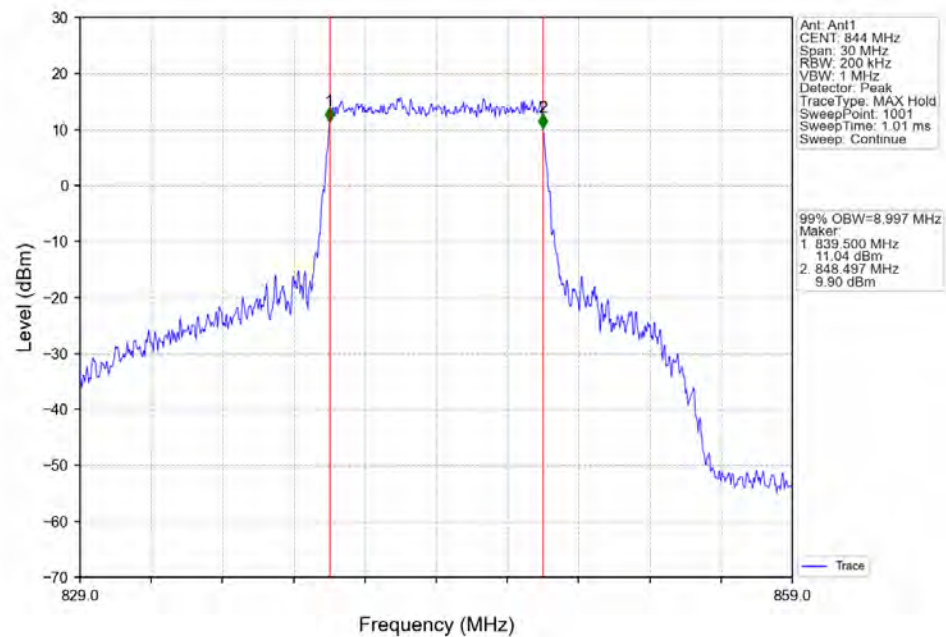
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



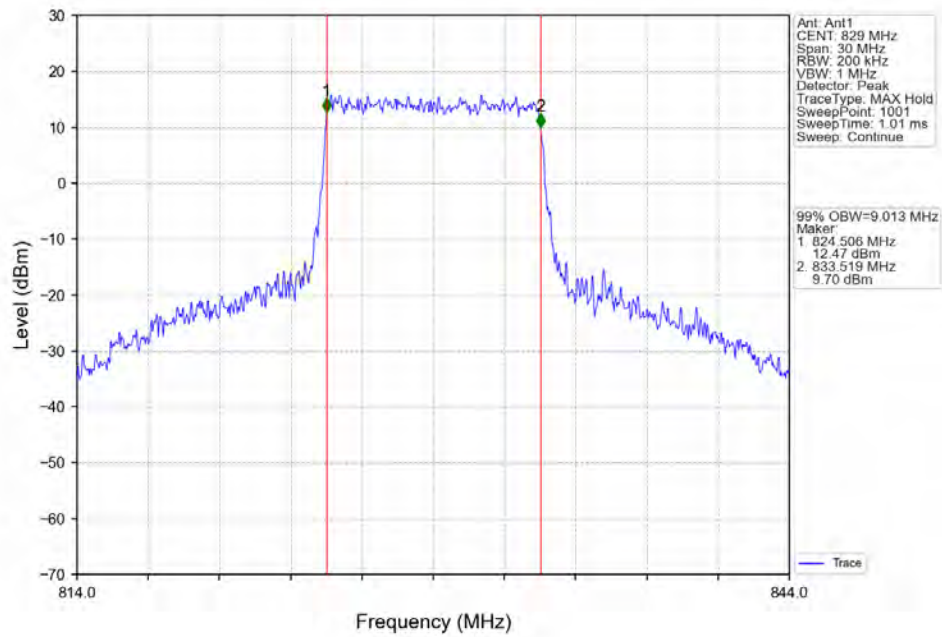
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



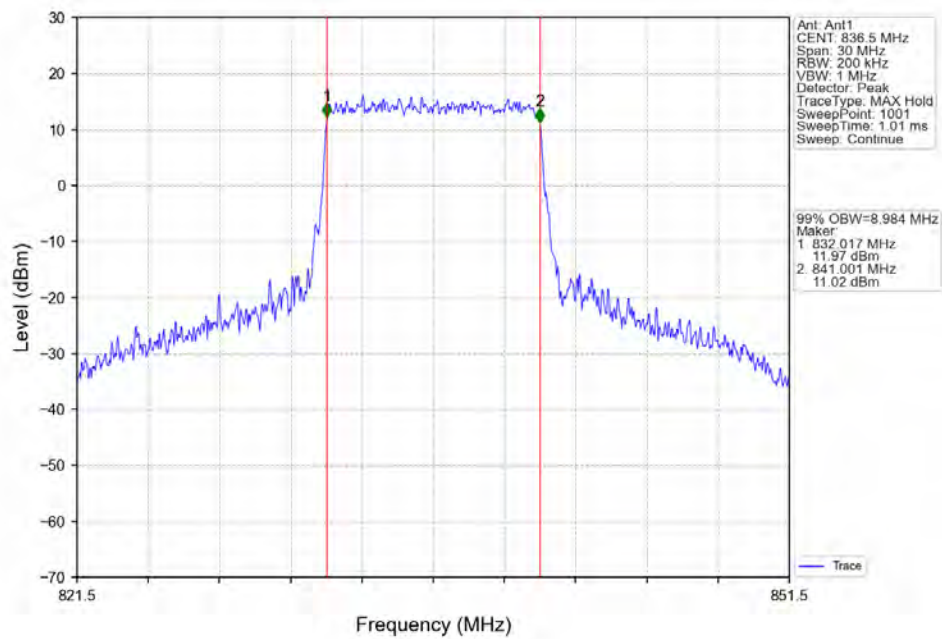
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



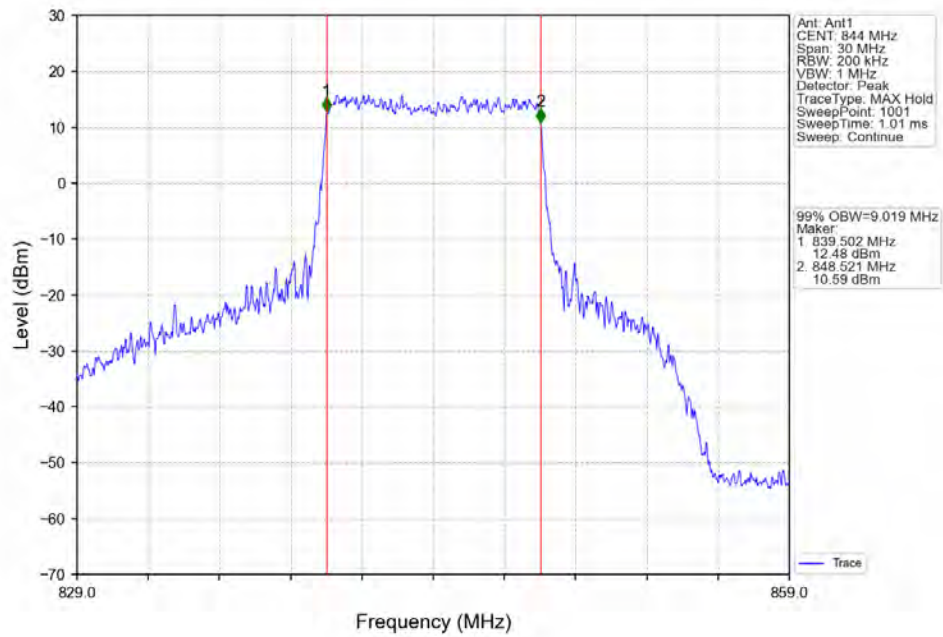
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



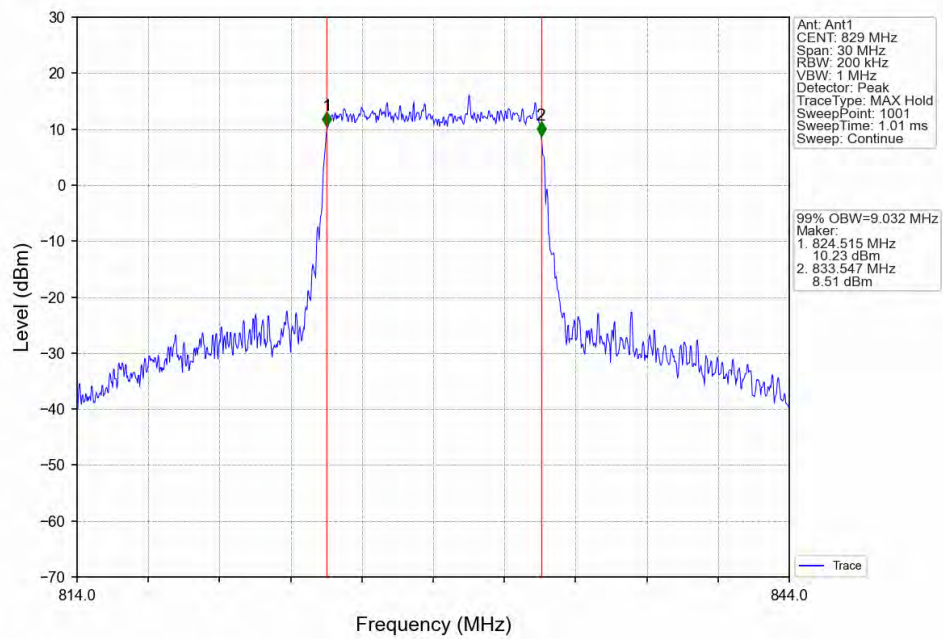
Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



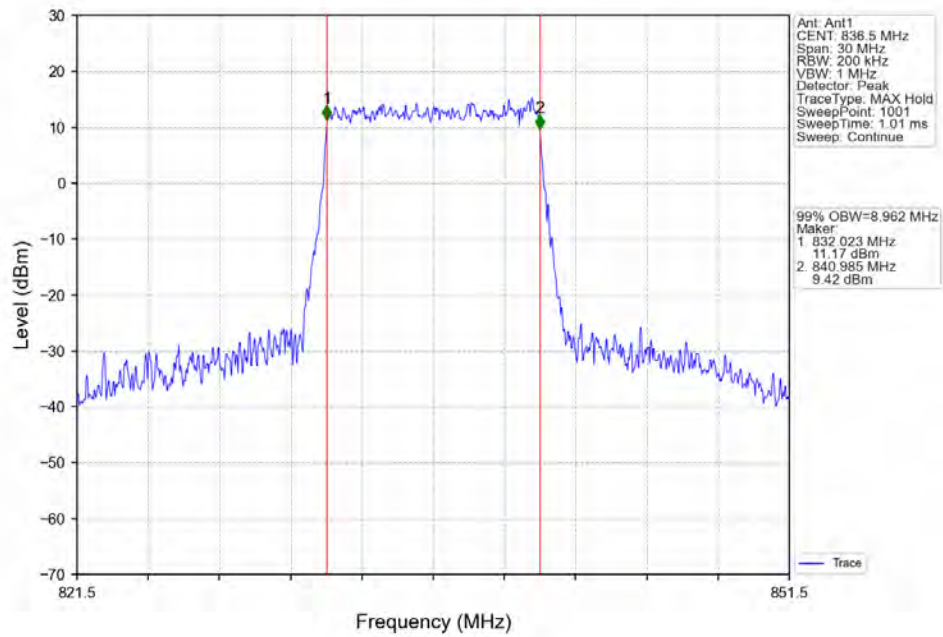
Band5 10MHz 64QAM HCH 844MHz RB 50 0 NTN



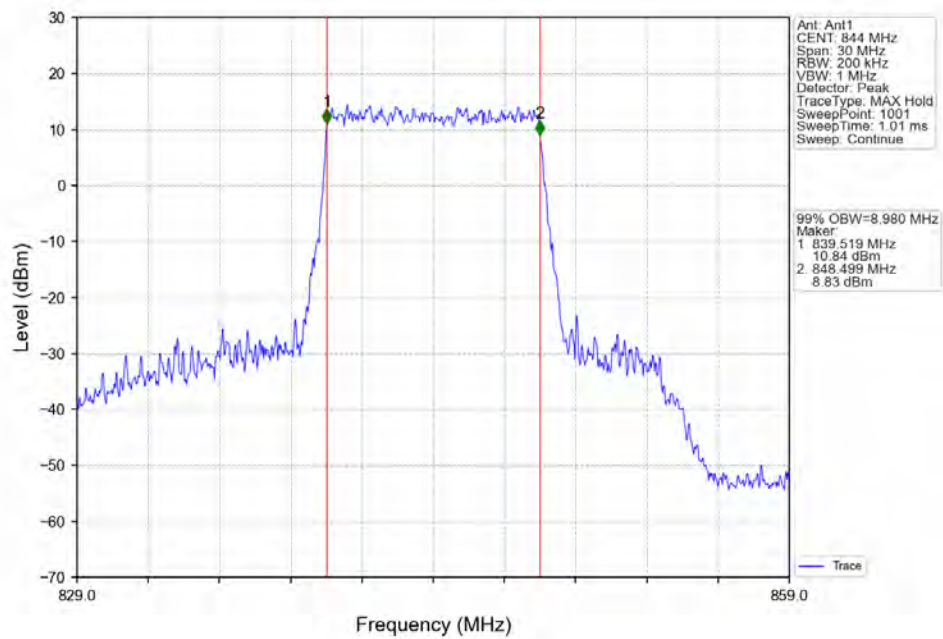
Band5_10MHz_256QAM_LCH_829MHz_RB_50_0 NTN



Band5 10MHz 256QAM MCH 836.5MHz RB 50 0 NTNV



Band5_10MHz_256QAM_HCH_844MHz_RB_50_0_NTNV

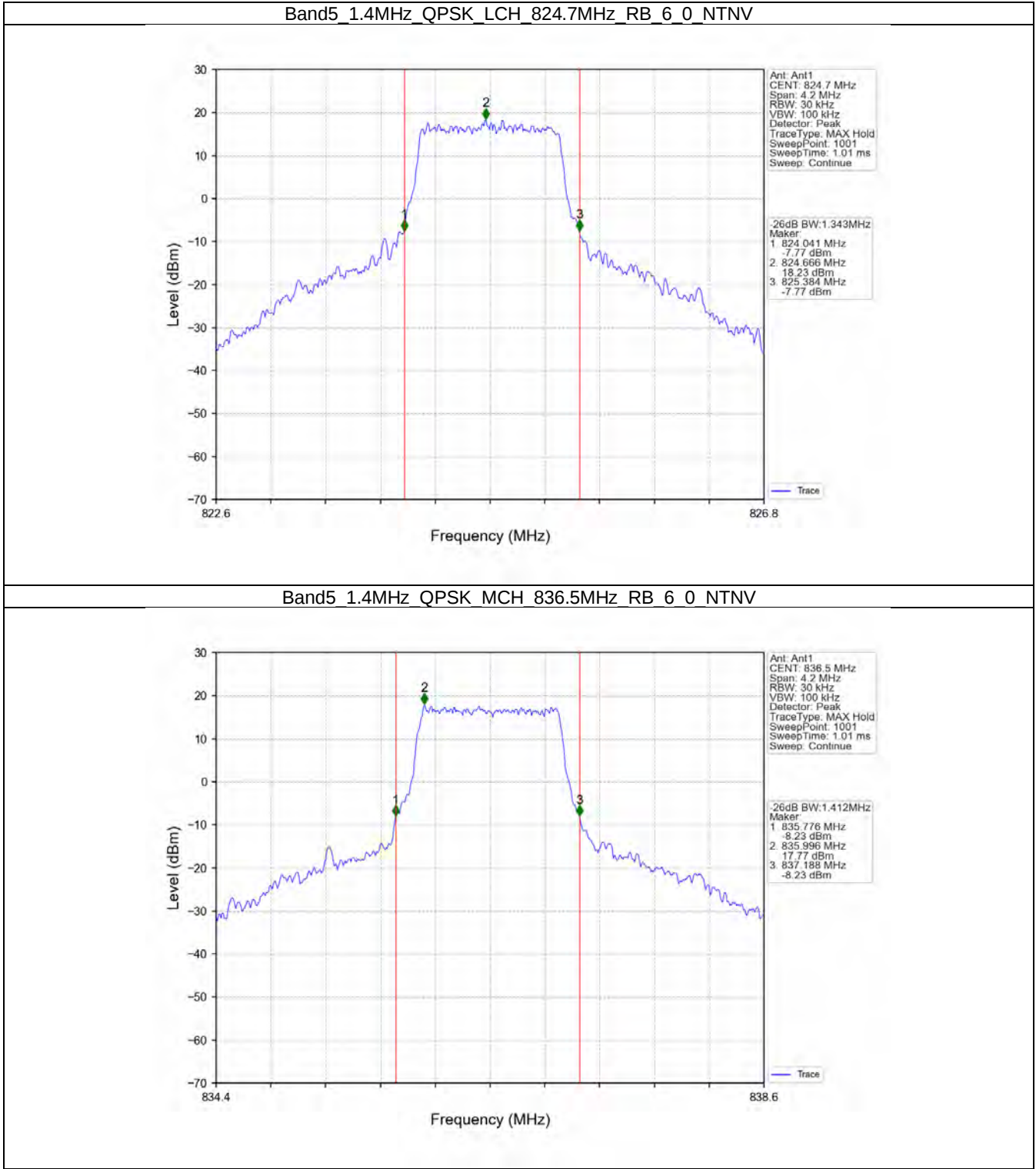


3.2 Band5_XDB

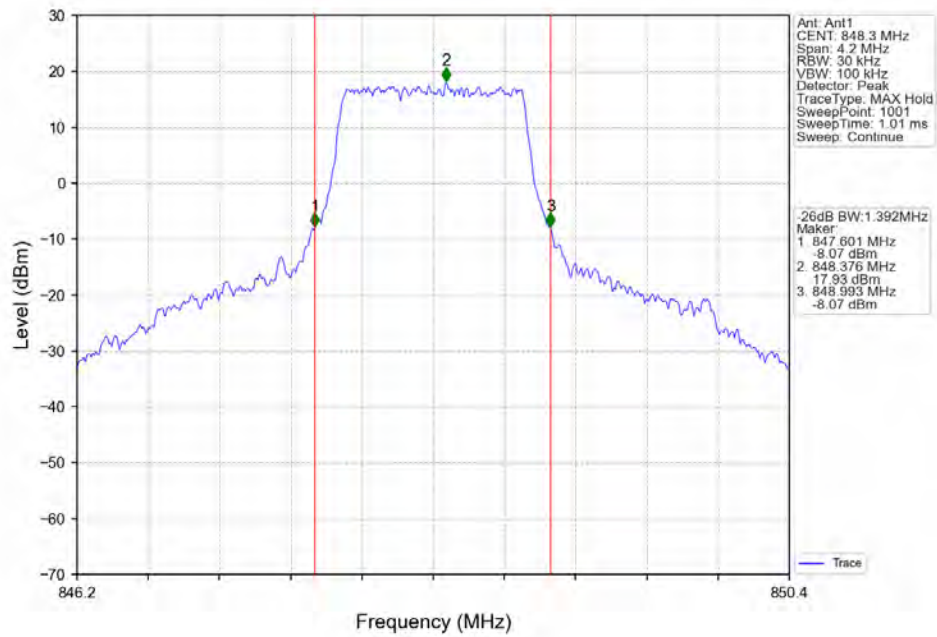
3.2.1 Test Result

Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.343	/	Pass
		836.5	6	0	1.412	/	Pass
		848.3	6	0	1.392	/	Pass
	16QAM	824.7	6	0	1.344	/	Pass
		836.5	6	0	1.363	/	Pass
		848.3	6	0	1.344	/	Pass
	64QAM	824.7	6	0	1.370	/	Pass
		836.5	6	0	1.386	/	Pass
		848.3	6	0	1.362	/	Pass
	256QAM	824.7	6	0	1.351	/	Pass
		836.5	6	0	1.336	/	Pass
		848.3	6	0	1.378	/	Pass
3	QPSK	825.5	15	0	3.126	/	Pass
		836.5	15	0	3.121	/	Pass
		847.5	15	0	3.139	/	Pass
	16QAM	825.5	15	0	3.108	/	Pass
		836.5	15	0	3.117	/	Pass
		847.5	15	0	3.139	/	Pass
	64QAM	825.5	15	0	3.164	/	Pass
		836.5	15	0	3.093	/	Pass
		847.5	15	0	3.148	/	Pass
	256QAM	825.5	15	0	3.130	/	Pass
		836.5	15	0	3.096	/	Pass
		847.5	15	0	3.122	/	Pass
5	QPSK	826.5	25	0	5.170	/	Pass
		836.5	25	0	5.112	/	Pass
		846.5	25	0	5.145	/	Pass
	16QAM	826.5	25	0	5.144	/	Pass
		836.5	25	0	5.093	/	Pass
		846.5	25	0	5.111	/	Pass
	64QAM	826.5	25	0	5.083	/	Pass
		836.5	25	0	5.165	/	Pass
		846.5	25	0	5.104	/	Pass
	256QAM	826.5	25	0	5.061	/	Pass
		836.5	25	0	5.149	/	Pass
		846.5	25	0	5.108	/	Pass
10	QPSK	829	50	0	10.119	/	Pass
		836.5	50	0	10.073	/	Pass
		844	50	0	9.935	/	Pass
	16QAM	829	50	0	9.975	/	Pass
		836.5	50	0	9.984	/	Pass
		844	50	0	9.950	/	Pass
	64QAM	829	50	0	10.024	/	Pass
		836.5	50	0	9.976	/	Pass
		844	50	0	9.969	/	Pass
	256QAM	829	50	0	9.811	/	Pass
		836.5	50	0	9.986	/	Pass
		844	50	0	9.999	/	Pass

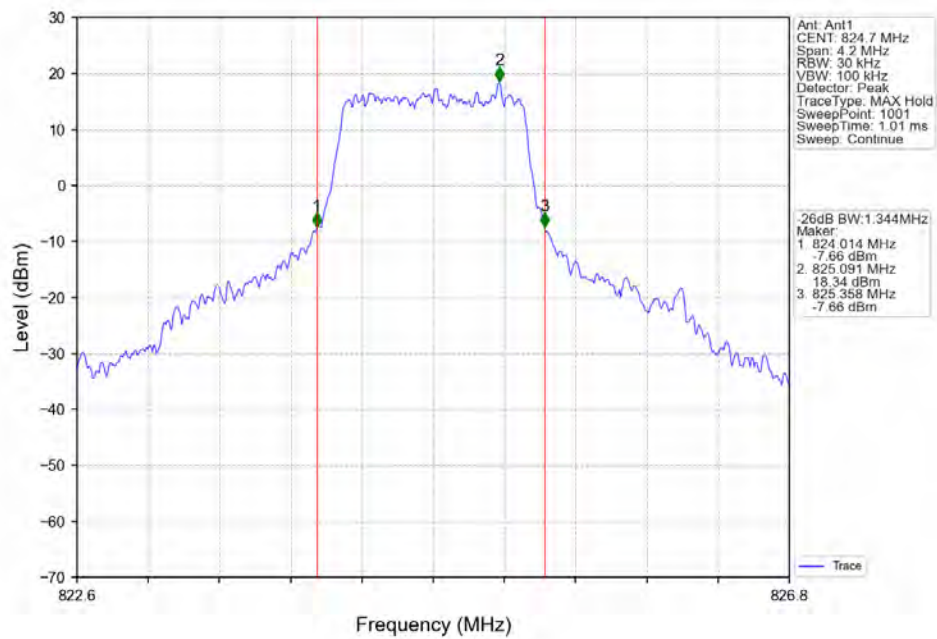
3.2.2 Test Graph



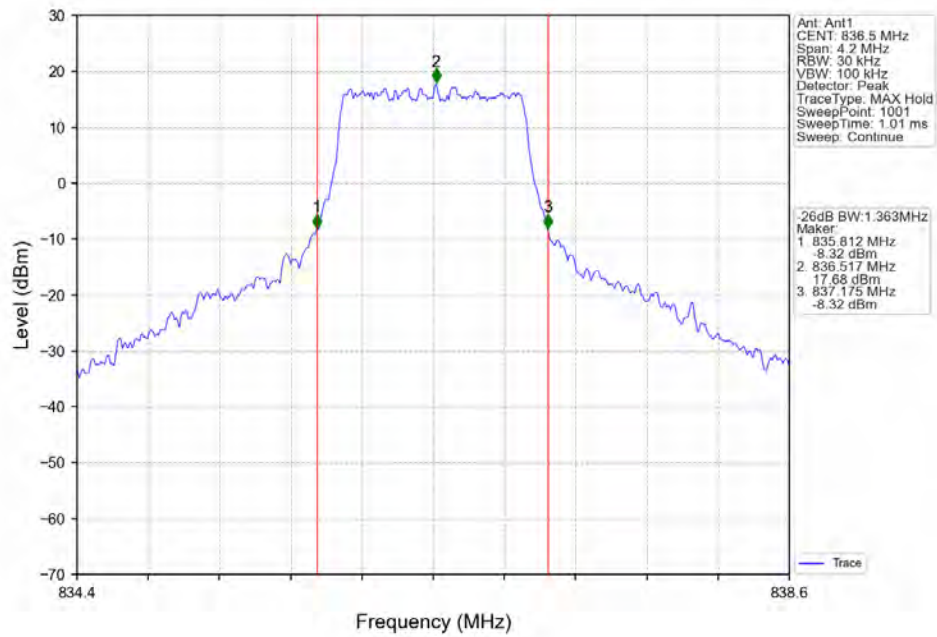
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



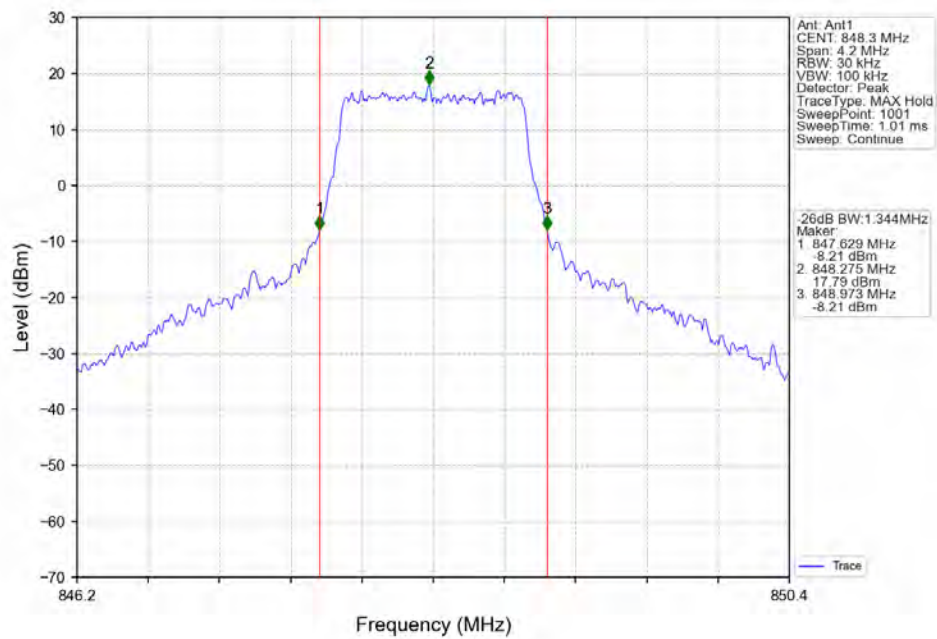
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



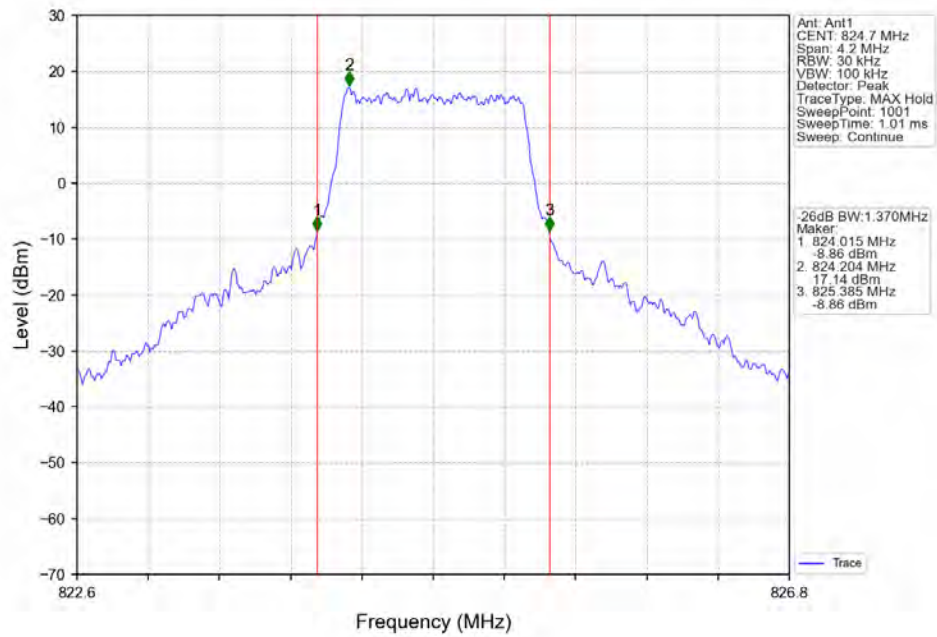
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



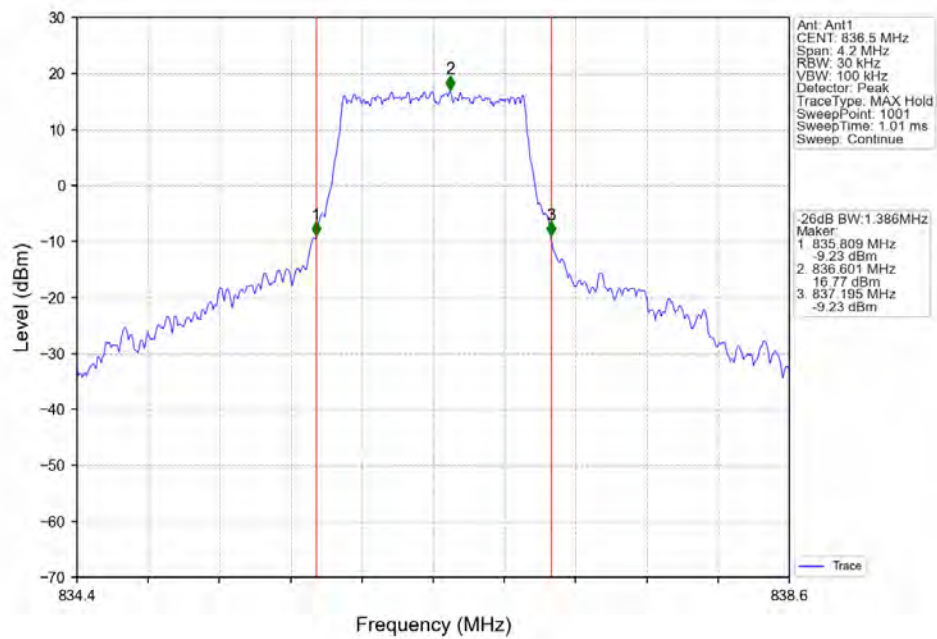
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



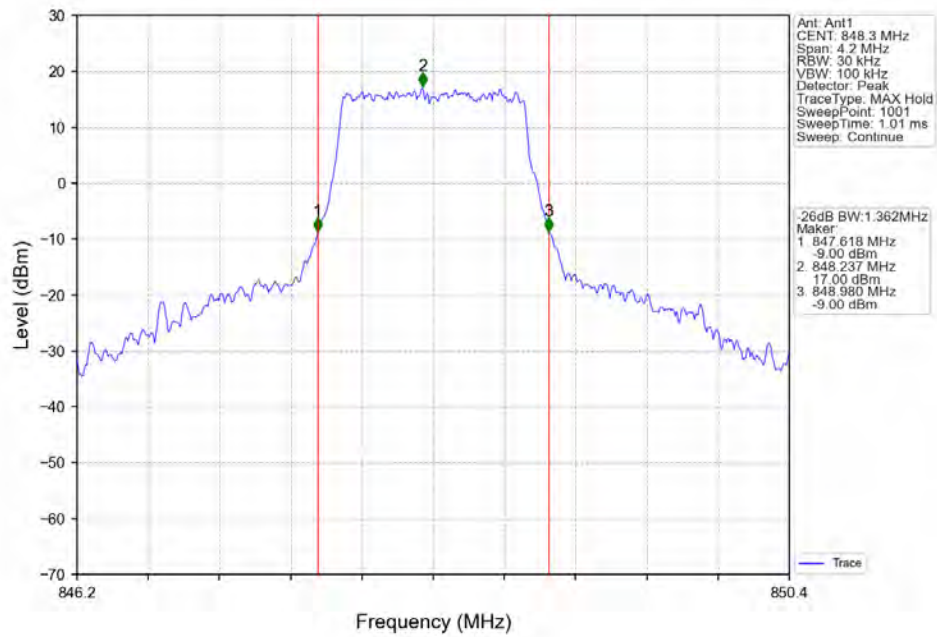
Band5 1.4MHz 64QAM LCH 824.7MHz RB 6 0 NTNV



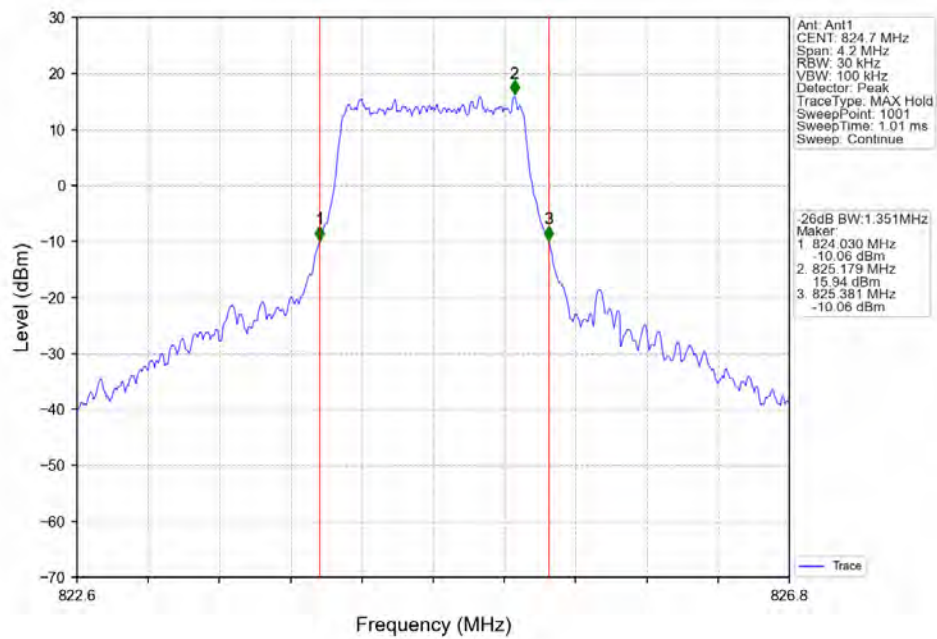
Band5 1.4MHz 64QAM MCH 836.5MHz RB 6 0 NTNV



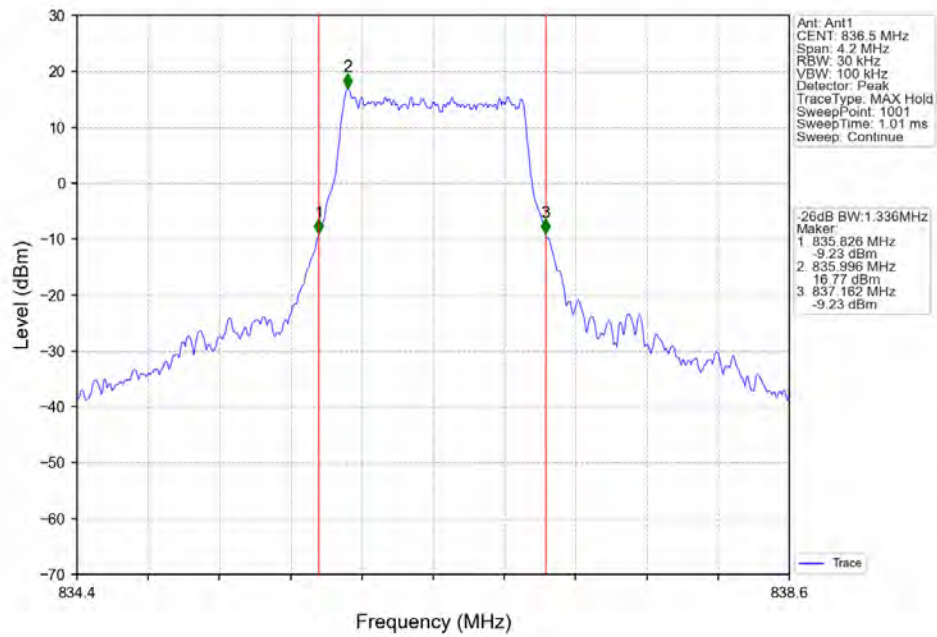
Band5 1.4MHz 64QAM HCH 848.3MHz RB 6 0 NTNV



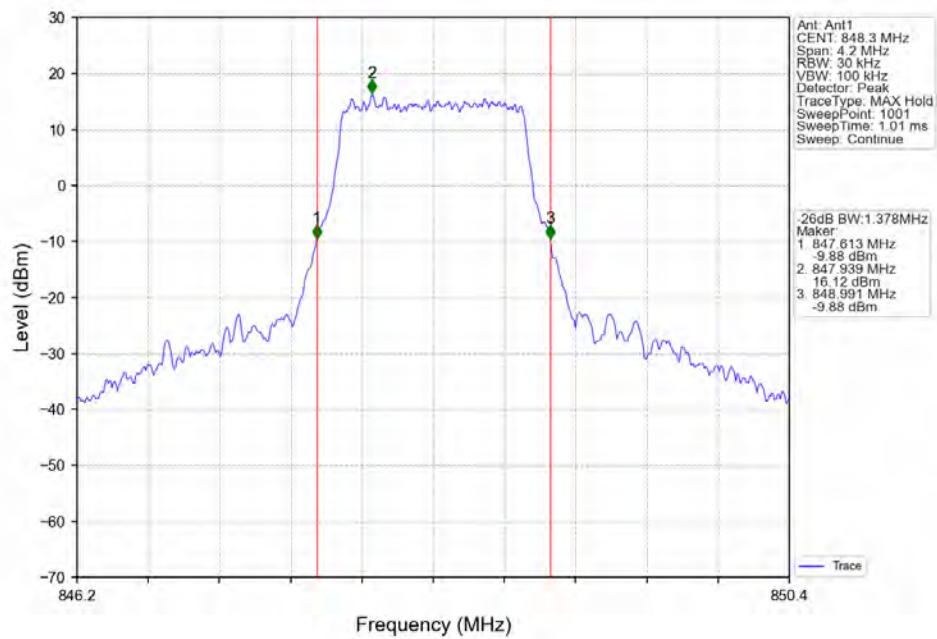
Band5 1.4MHz 256QAM LCH 824.7MHz RB 6 0 NTNV



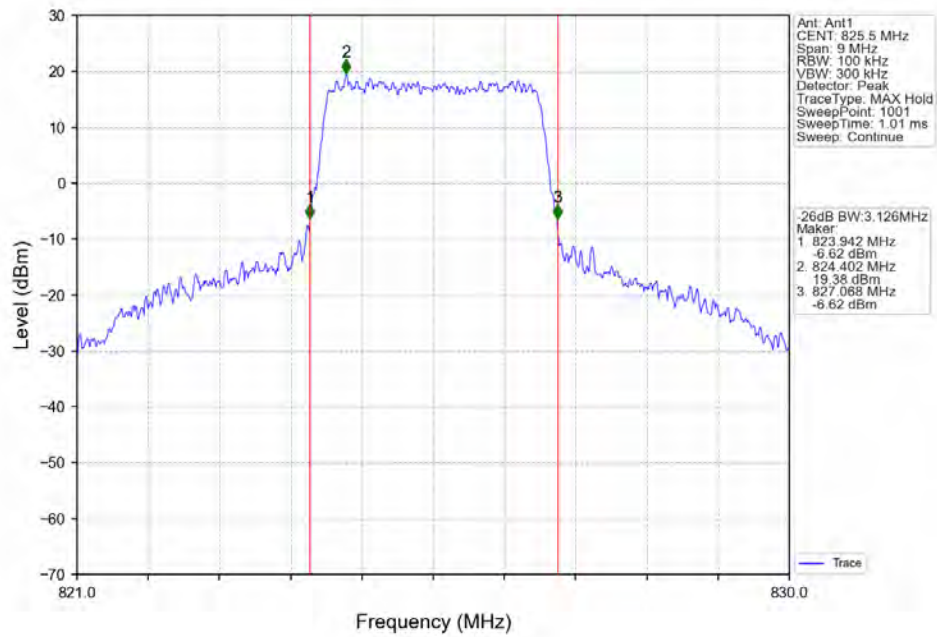
Band5 1.4MHz 256QAM MCH 836.5MHz RB 6 0 NTNV



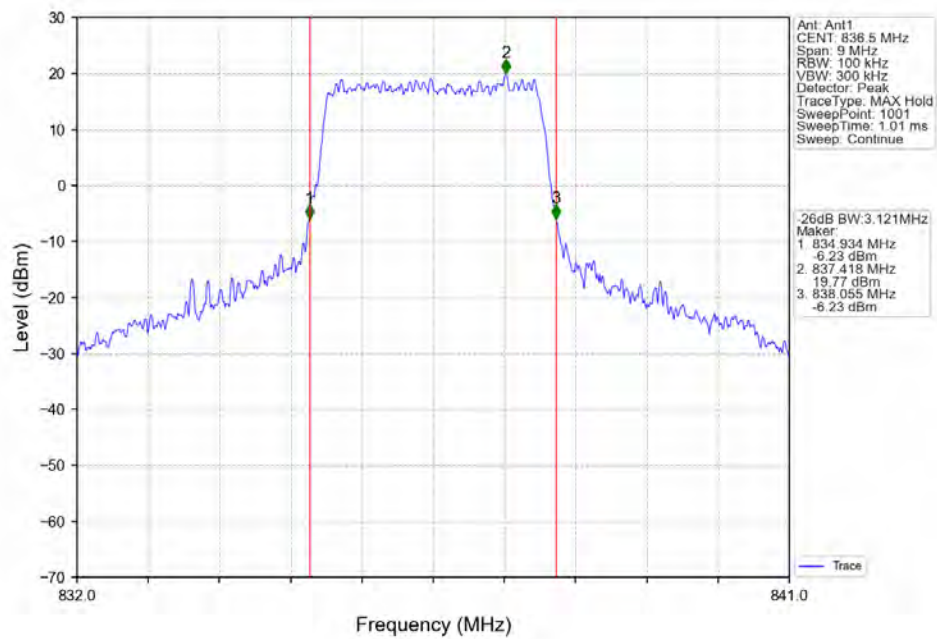
Band5 1.4MHz 256QAM HCH 848.3MHz RB 6 0 NTNV



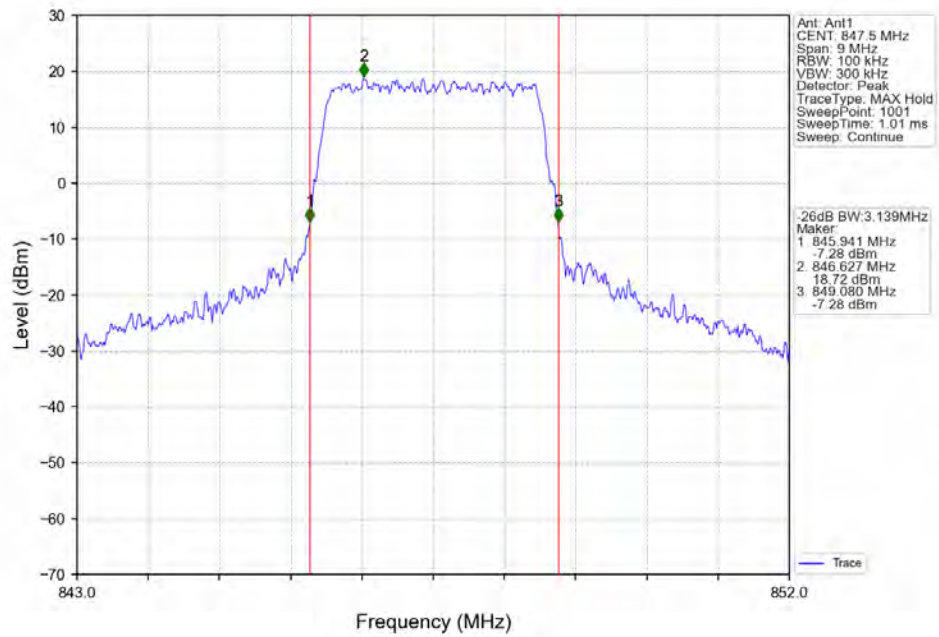
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



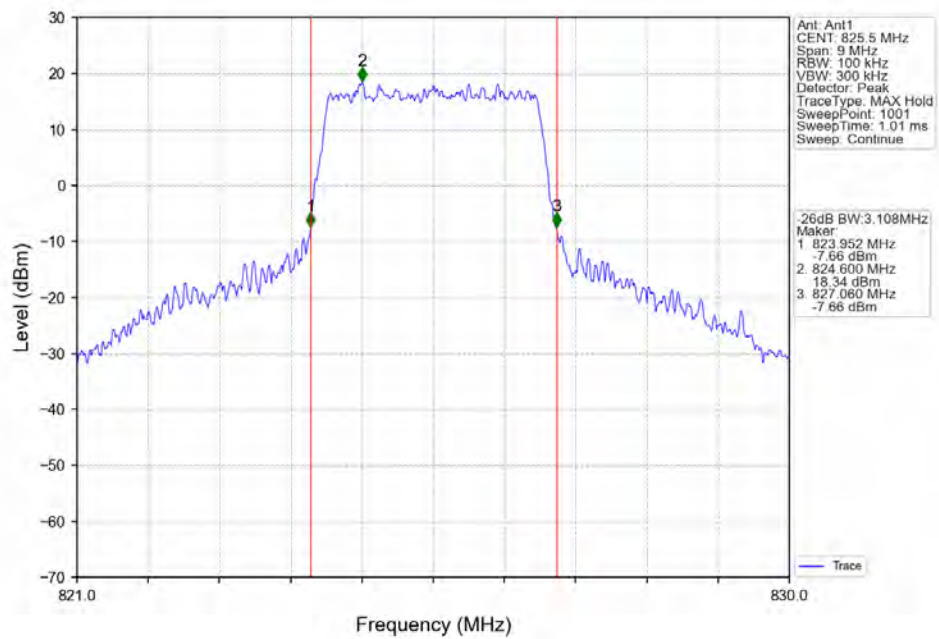
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



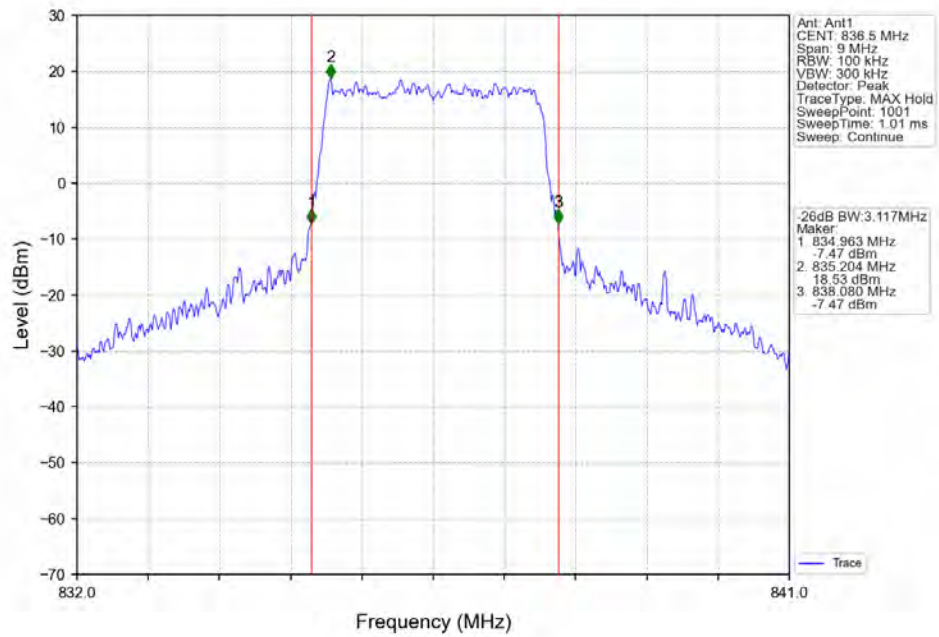
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



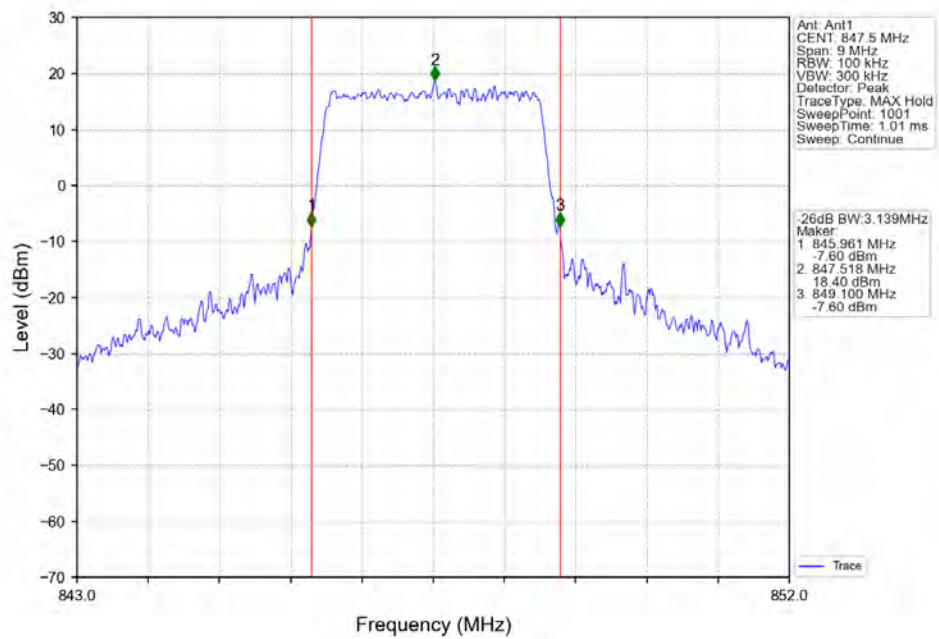
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



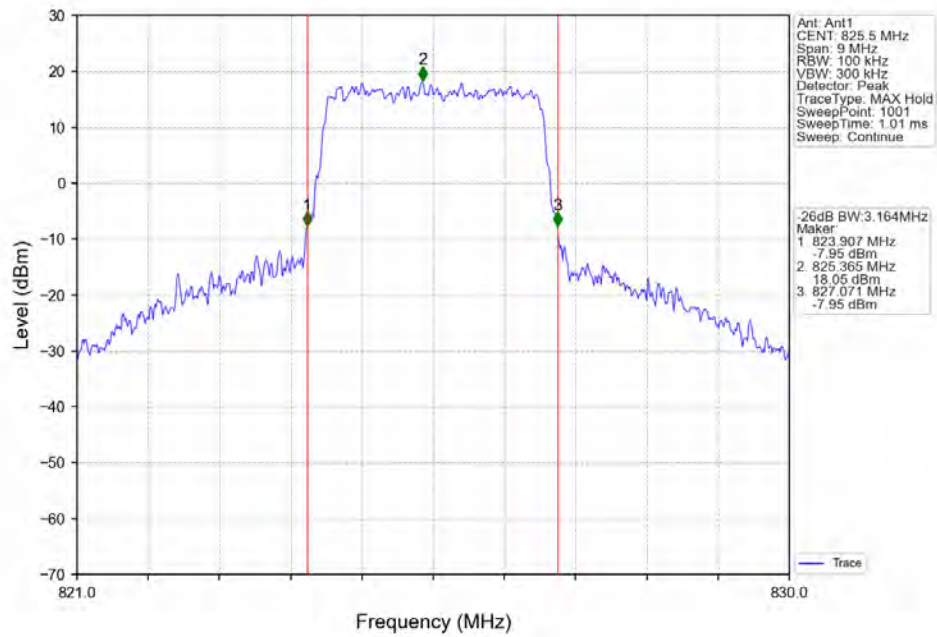
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



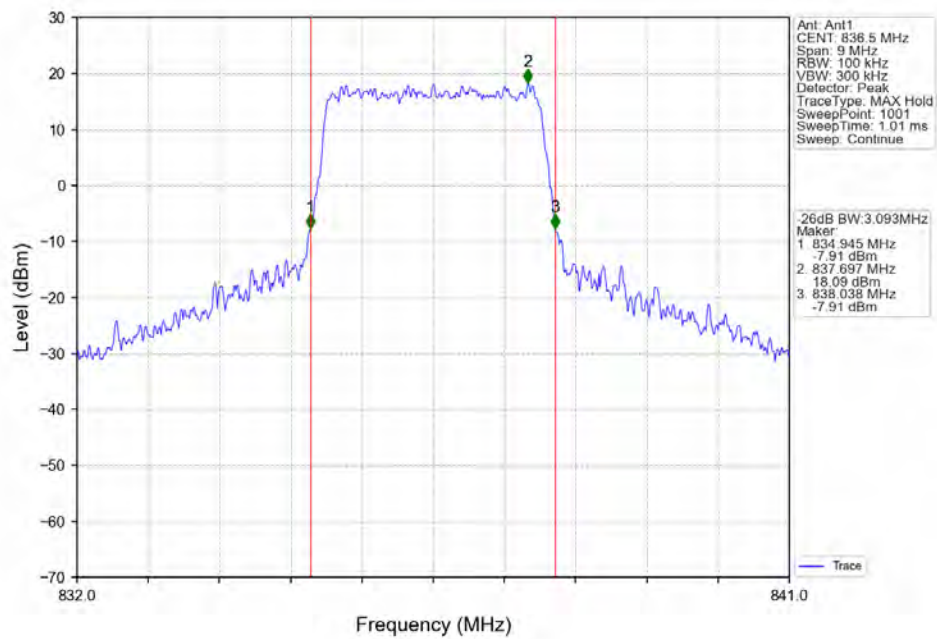
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



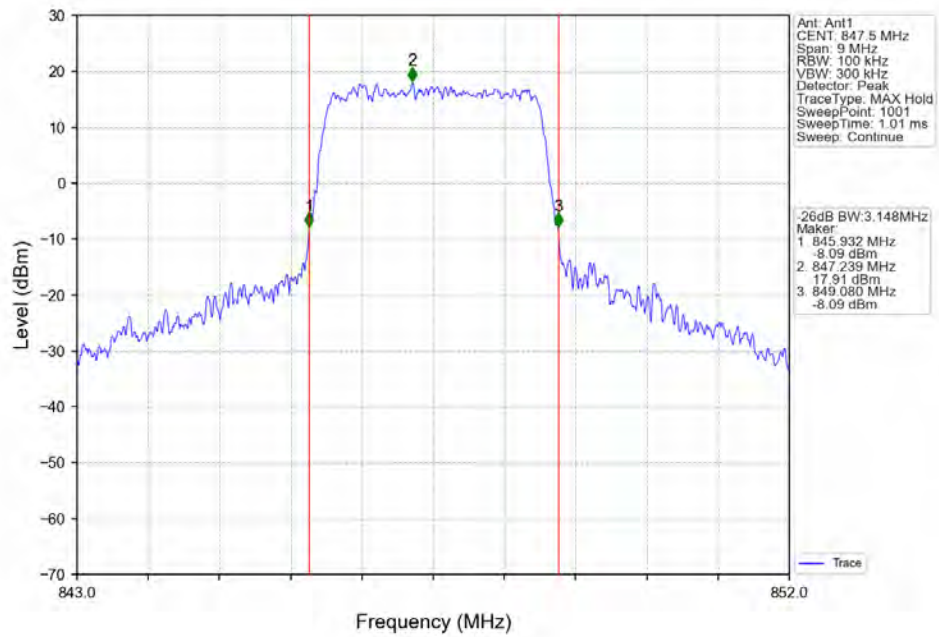
Band5 3MHz 64QAM LCH 825.5MHz RB 15 0 NTV



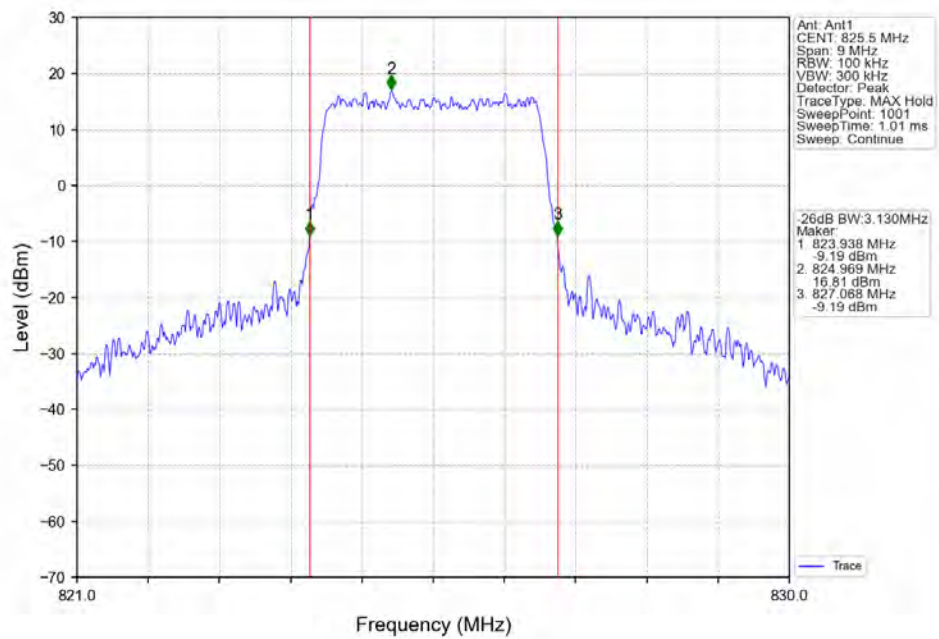
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTV



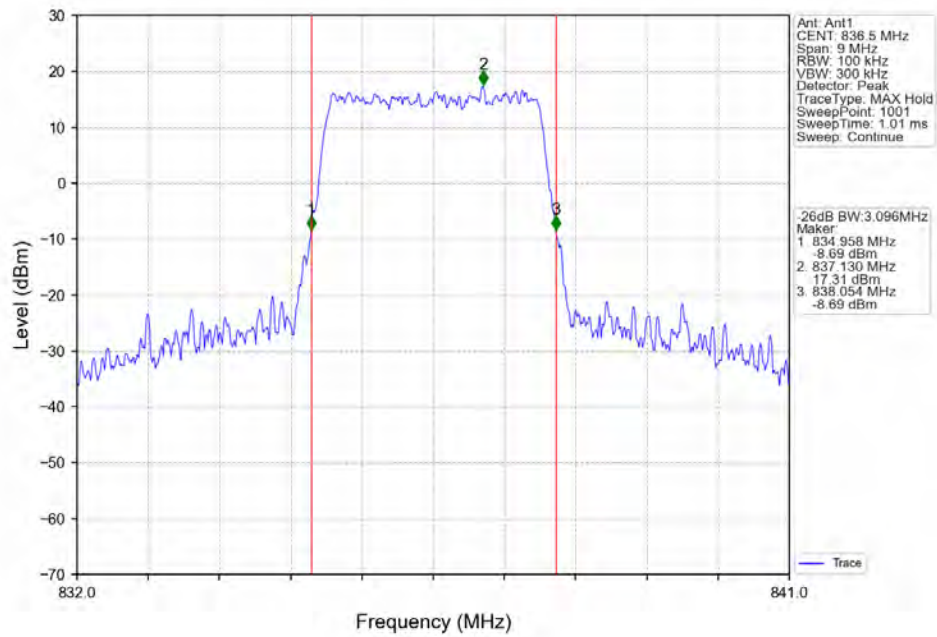
Band5 3MHz 64QAM HCH 847.5MHz RB 15 0 NTNV



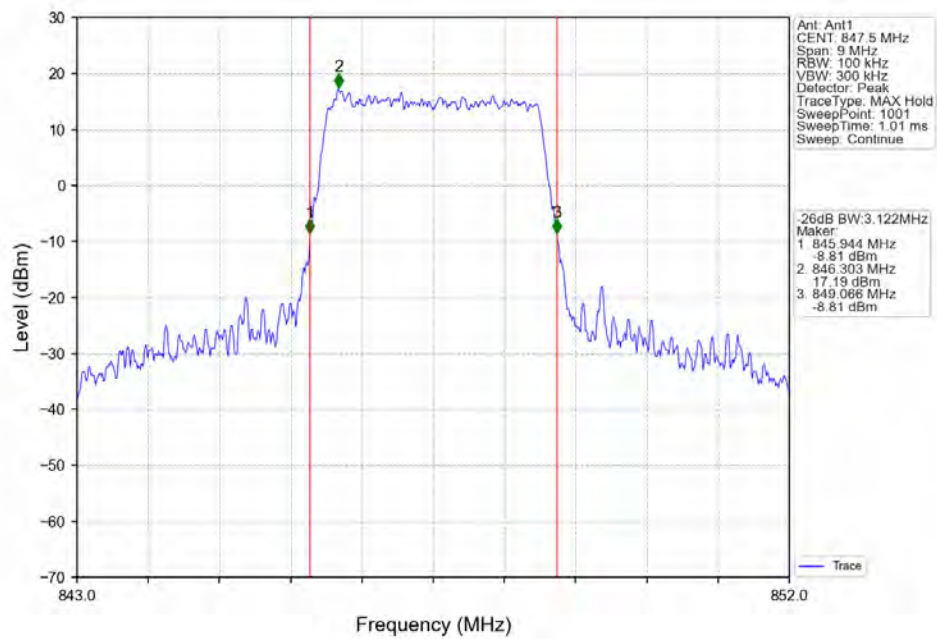
Band5_3MHz_256QAM_LCH_825.5MHz_RB_15_0_NTNV



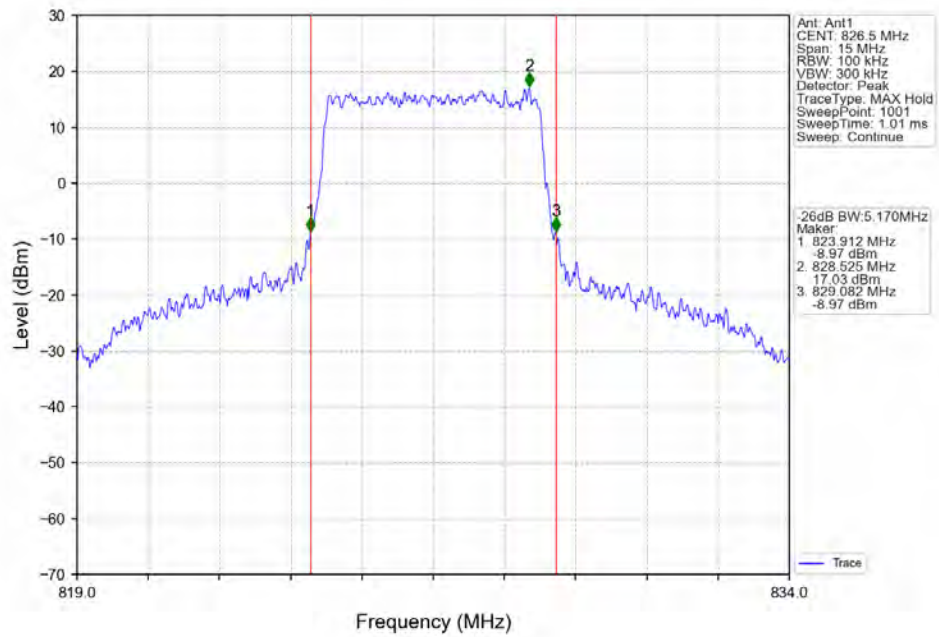
Band5_3MHz_256QAM_MCH_836.5MHz_RB_15_0_NTNV



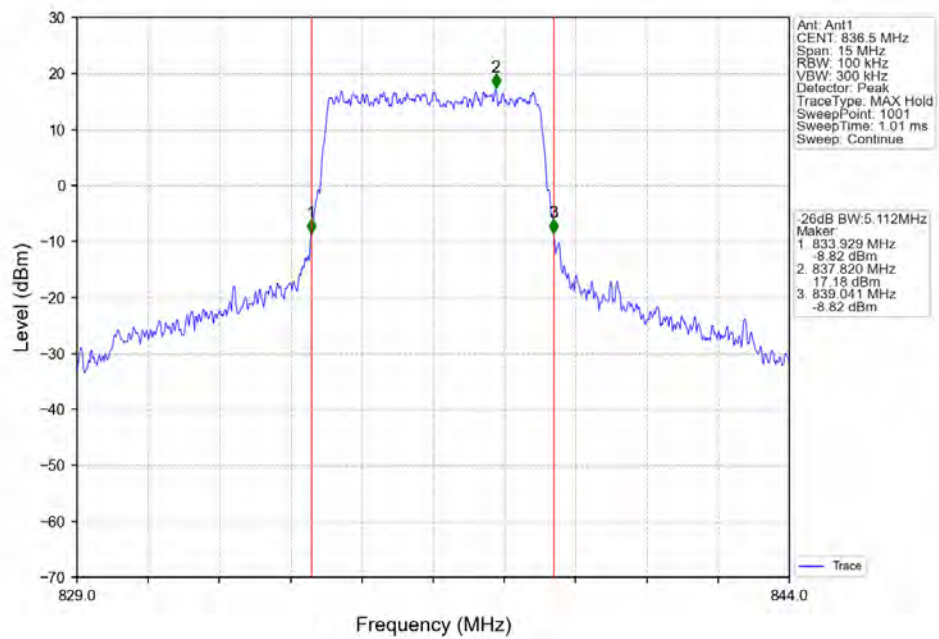
Band5_3MHz_256QAM_HCH_847.5MHz_RB_15_0_NTNV



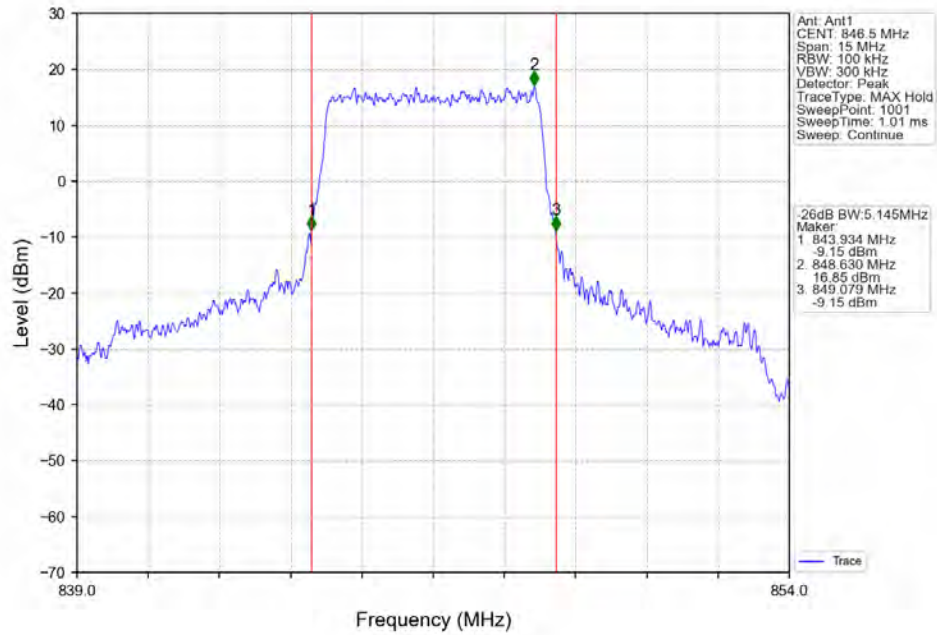
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



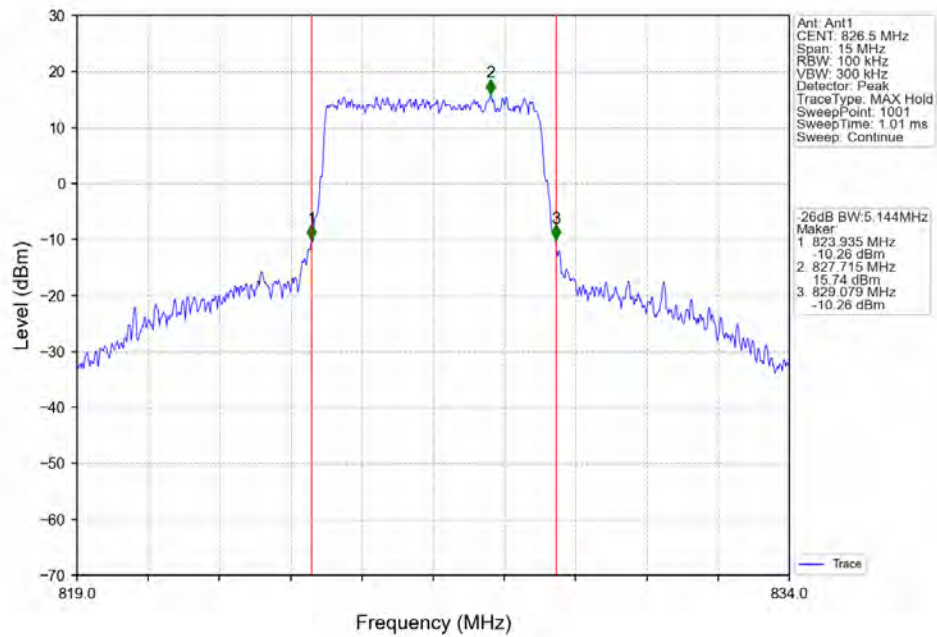
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



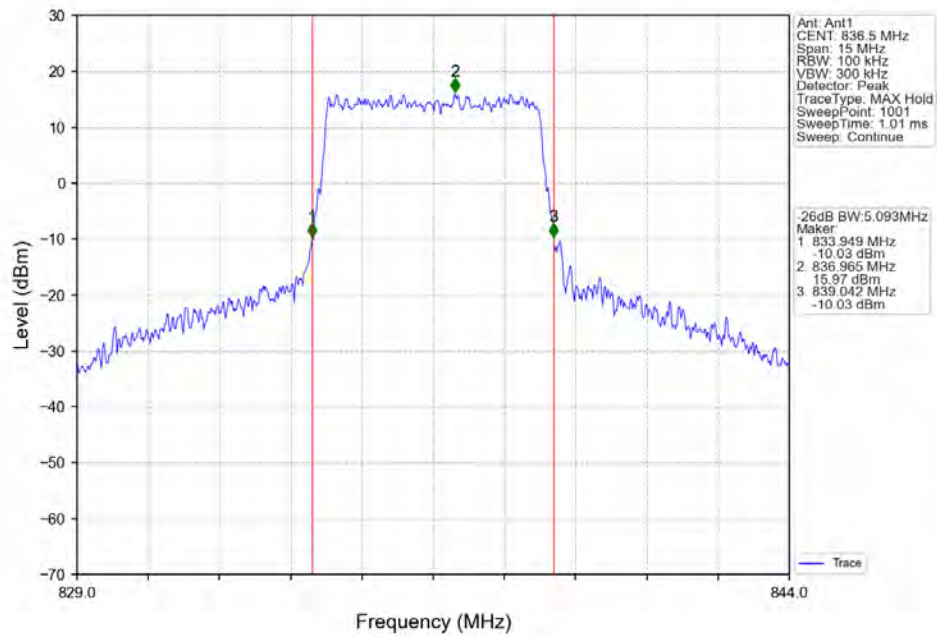
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



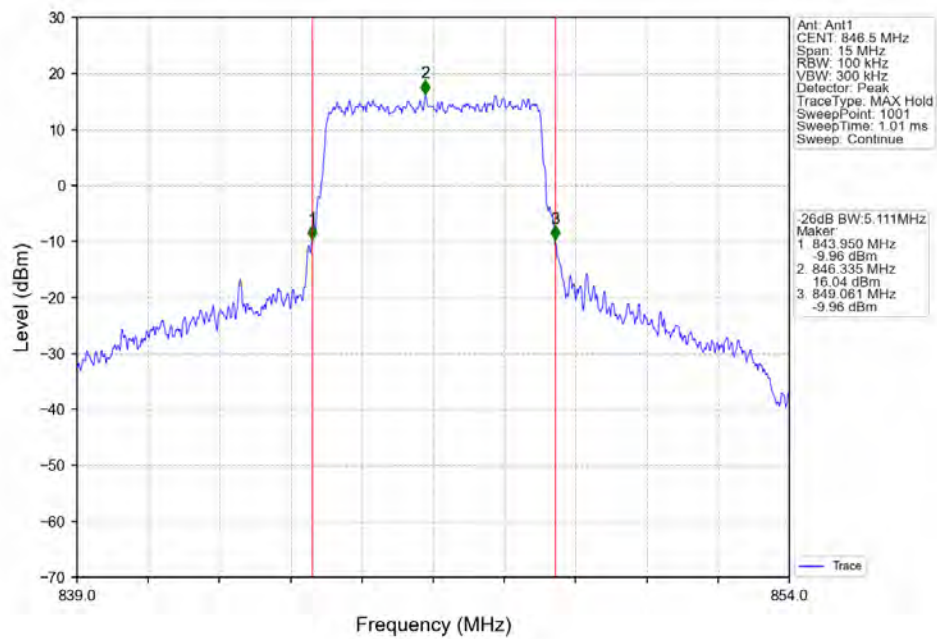
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



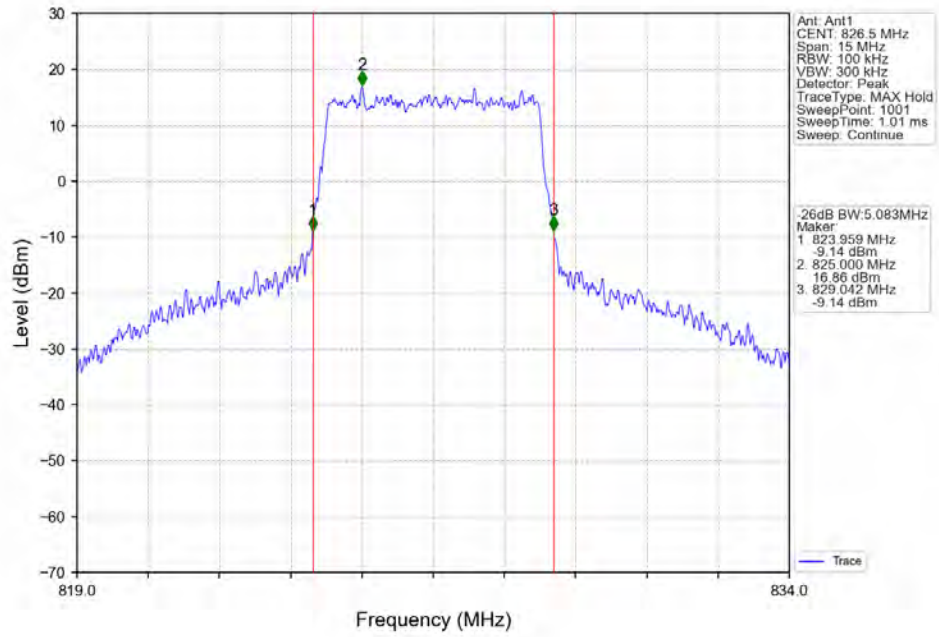
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



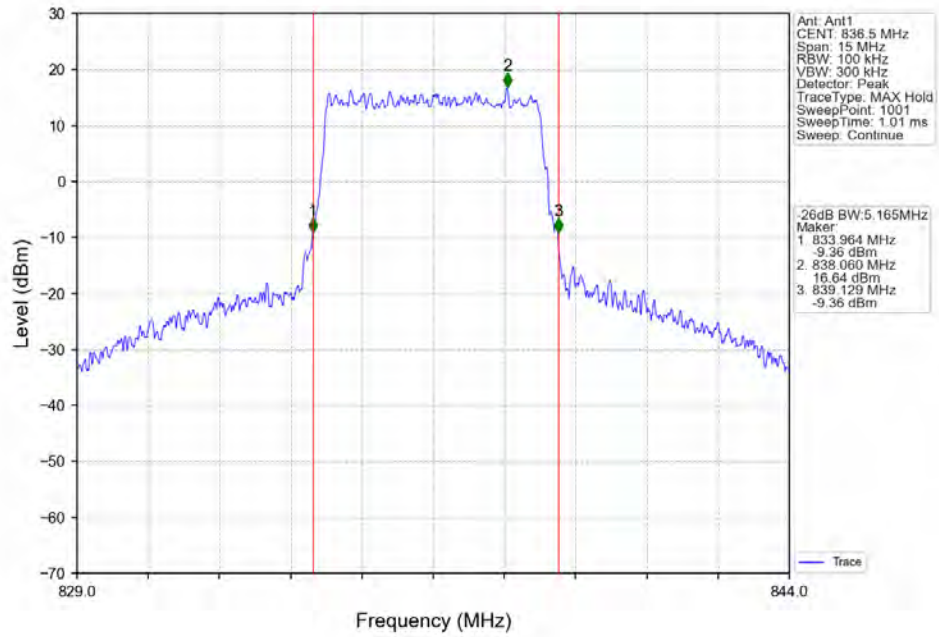
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV



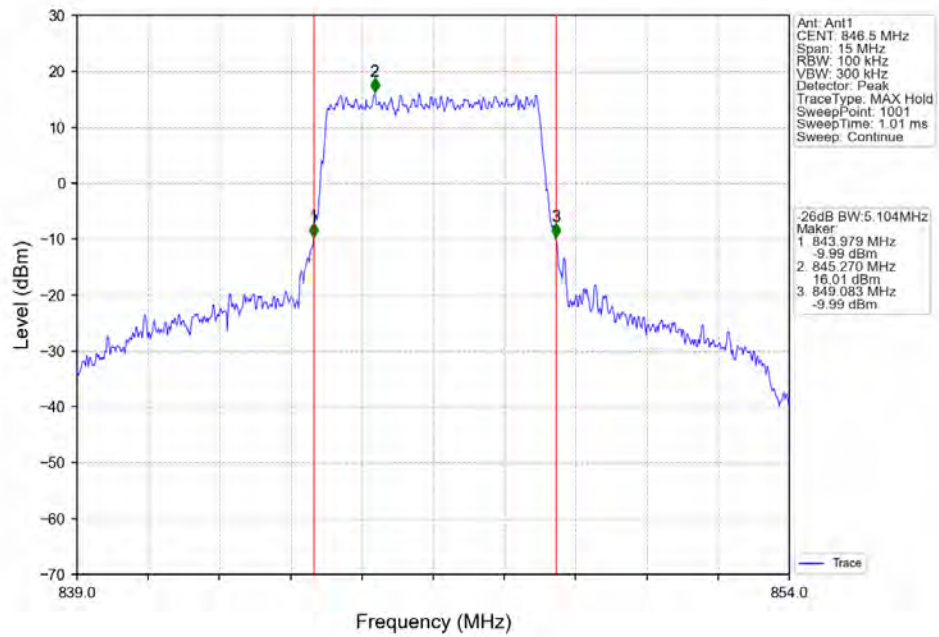
Band5 5MHz 64QAM LCH 826.5MHz RB 25 0 NTNV



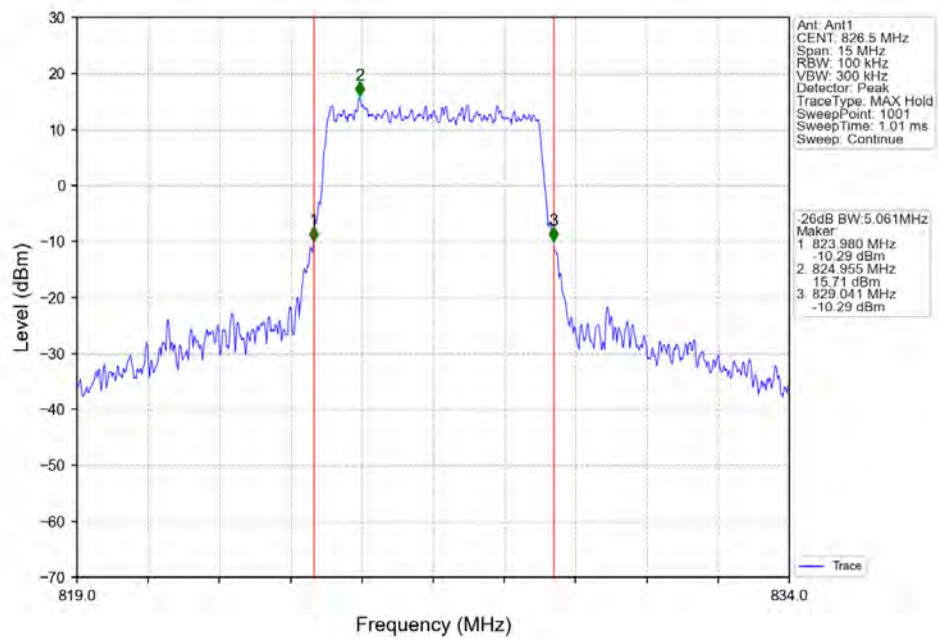
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



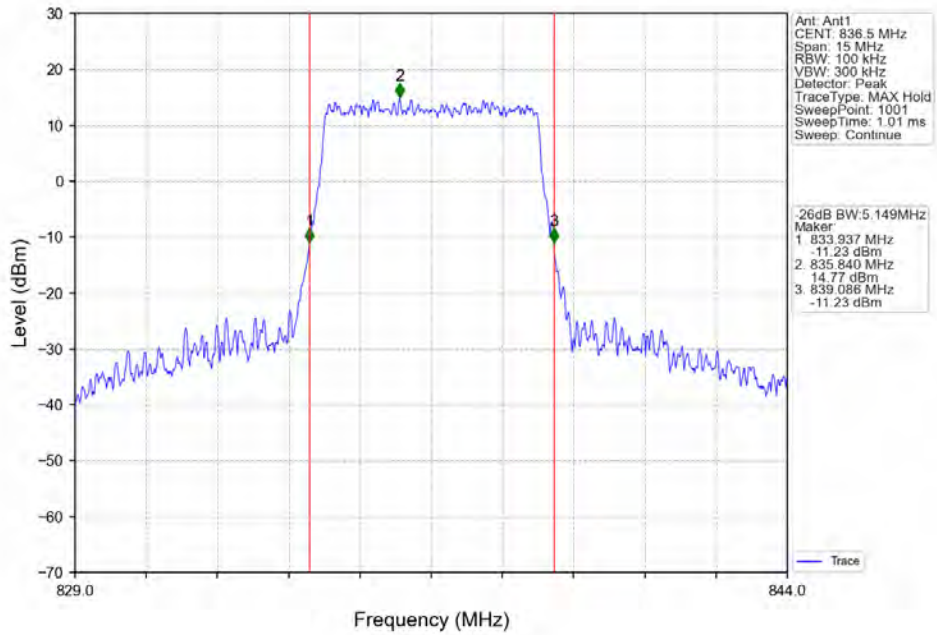
Band5 5MHz 64QAM HCH 846.5MHz RB 25 0 NTNV



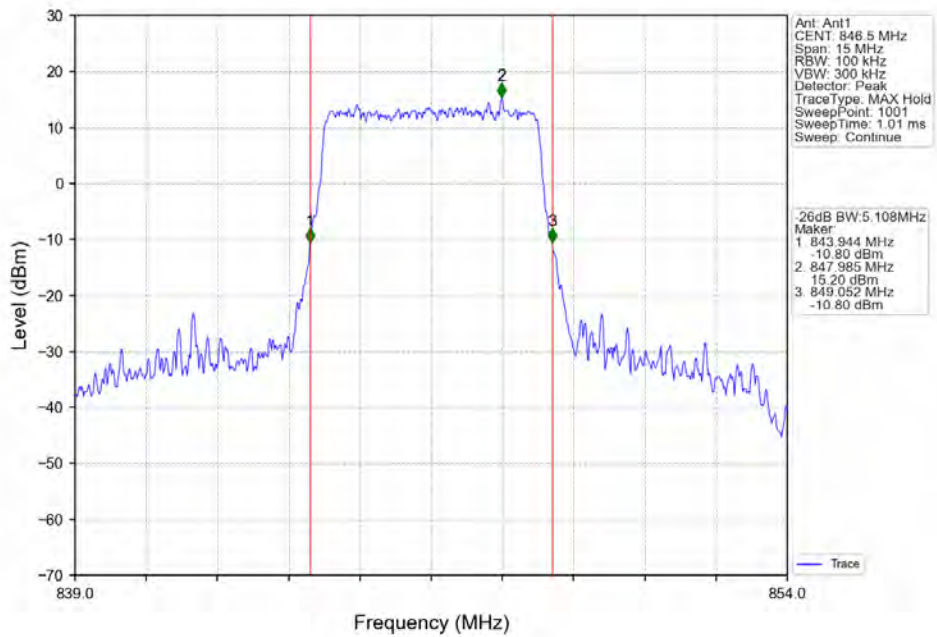
Band5_5MHz_256QAM_LCH_826.5MHz_RB_25_0_NTNV



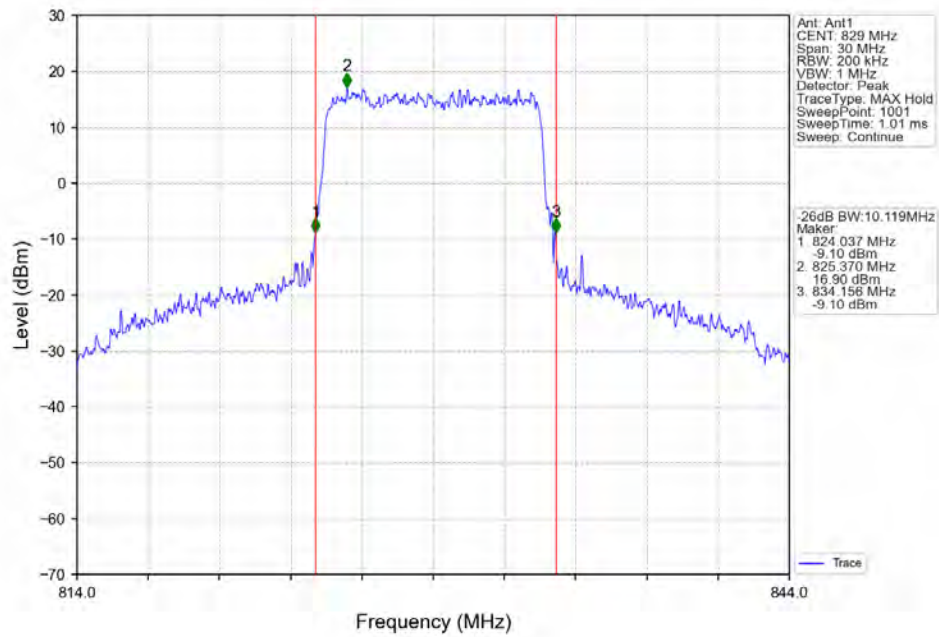
Band5_5MHz_256QAM_MCH_836.5MHz_RB_25_0_NTNV



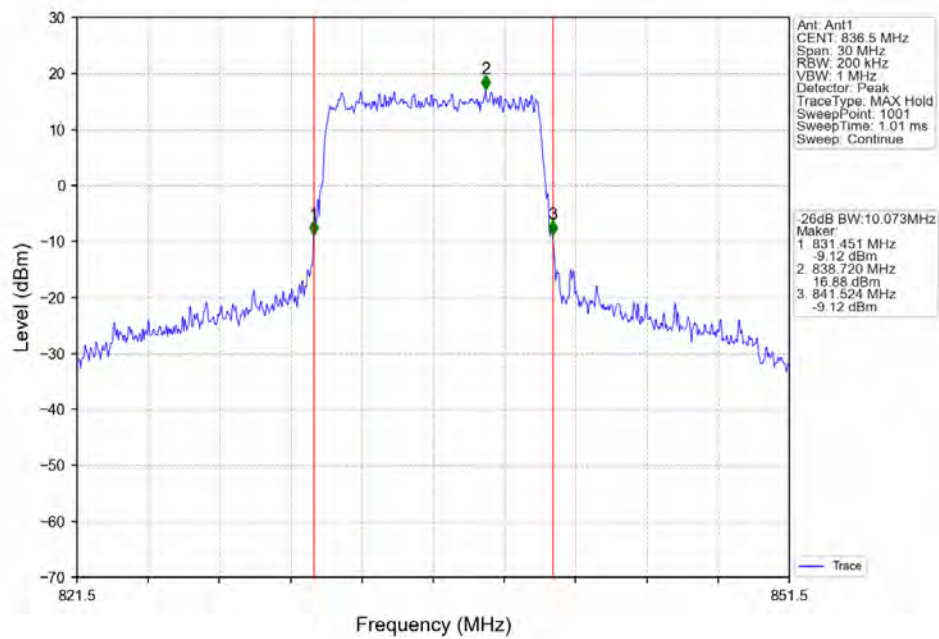
Band5_5MHz_256QAM_HCH_846.5MHz_RB_25_0_NTNV



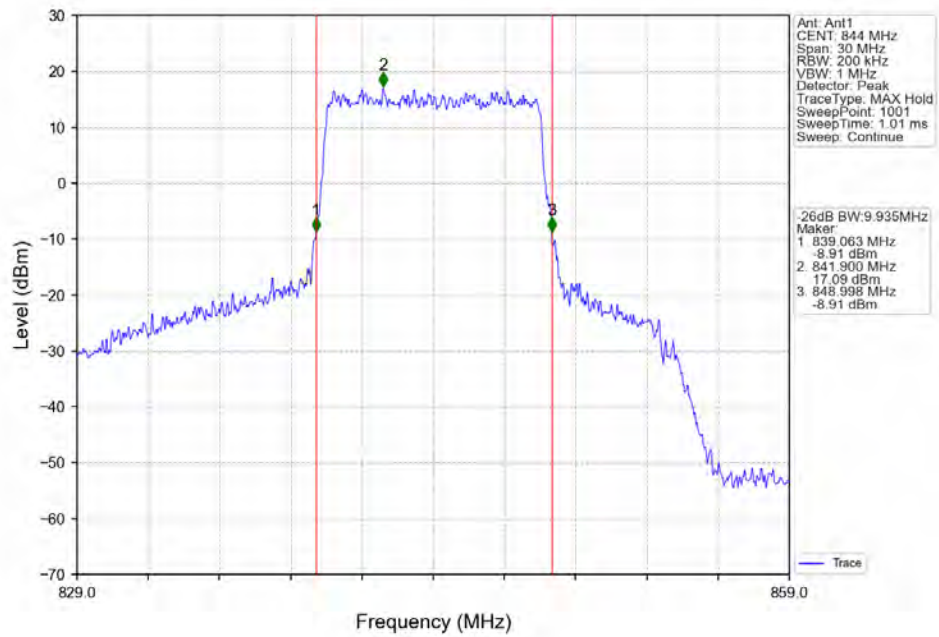
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTNV



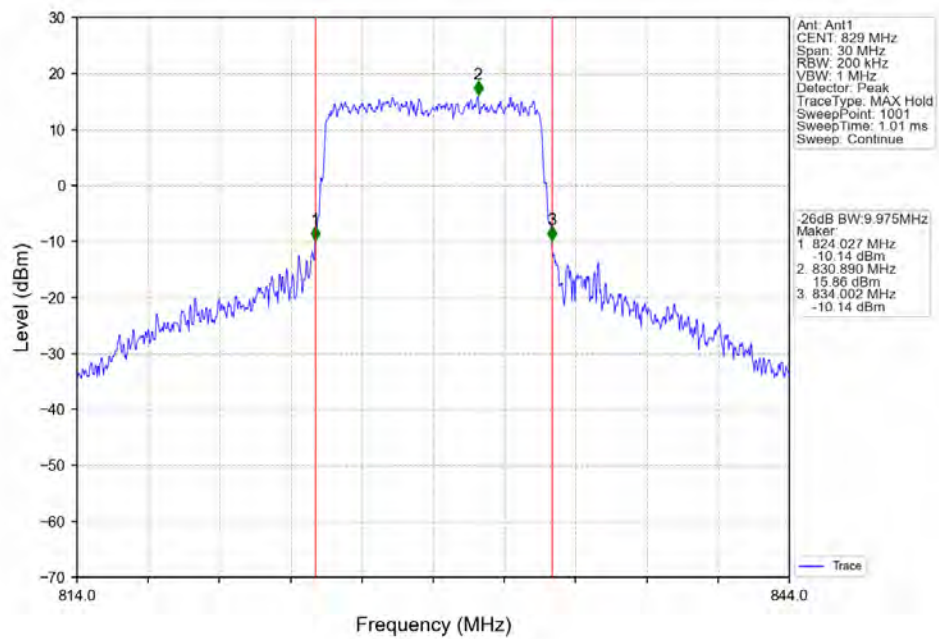
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



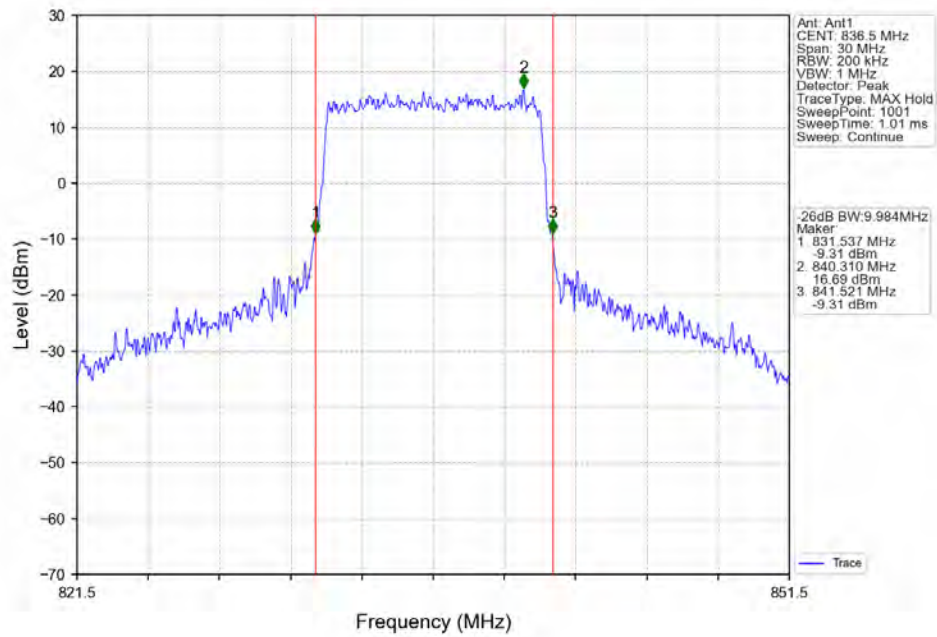
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



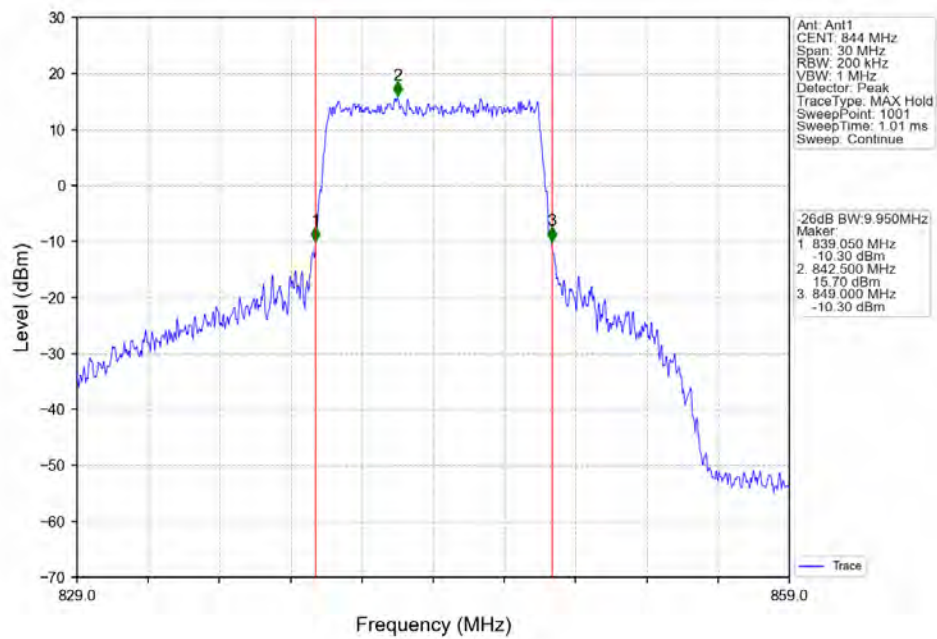
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



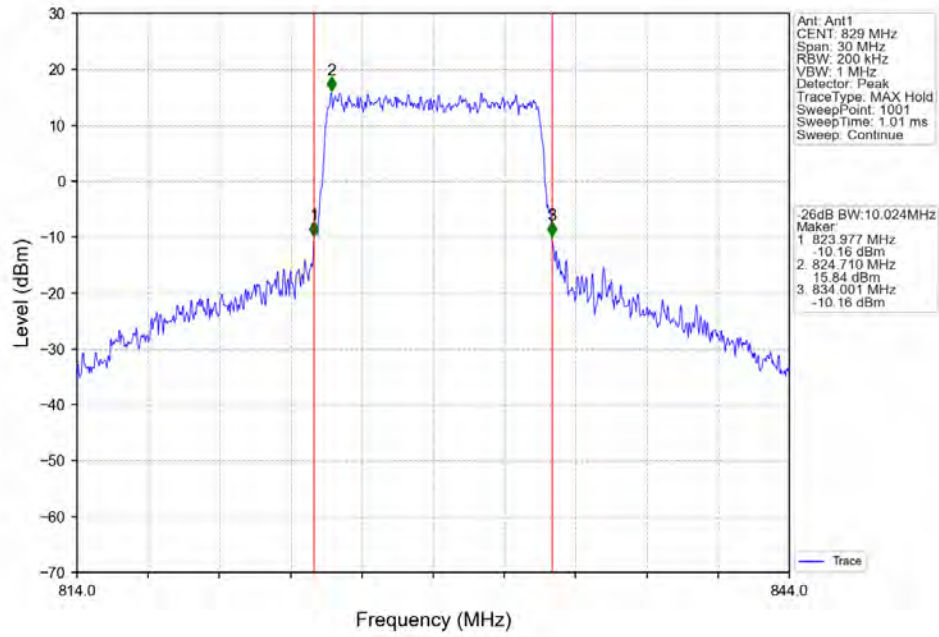
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



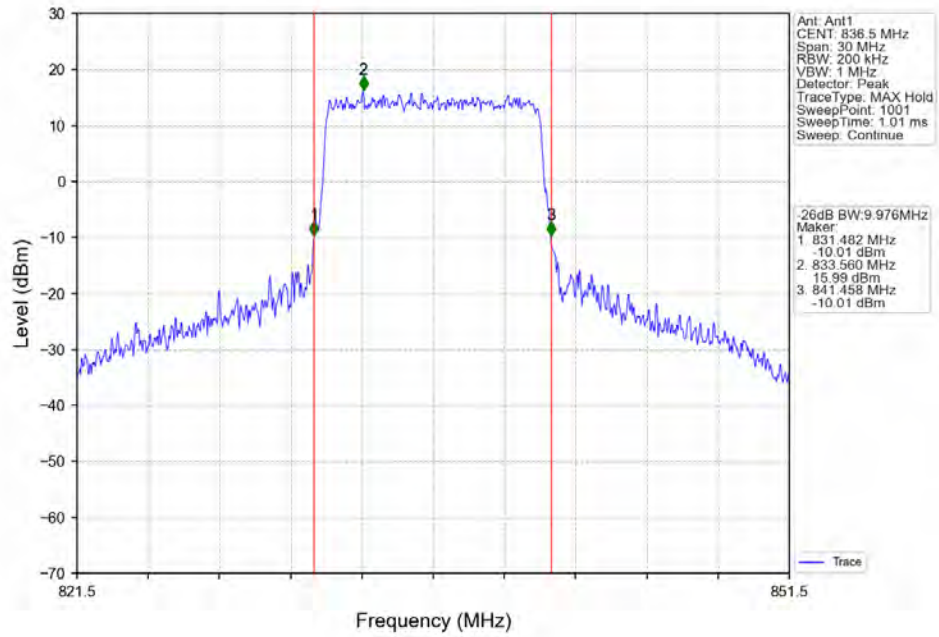
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



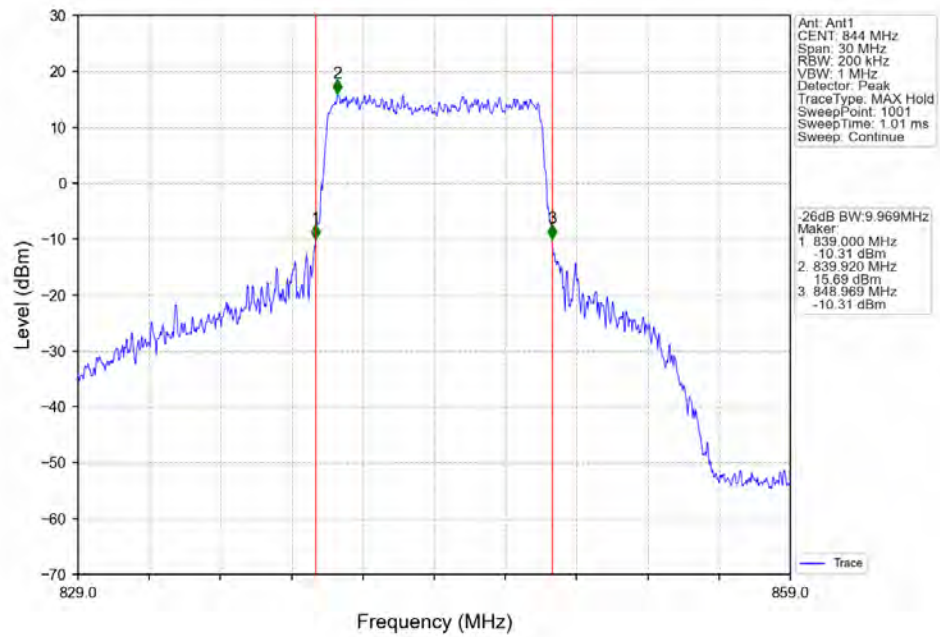
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



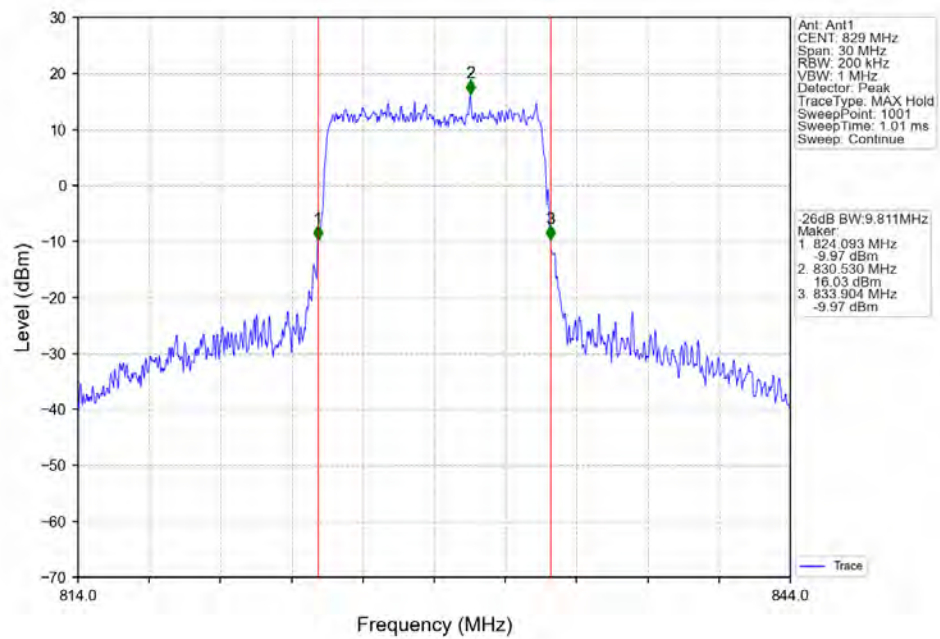
Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



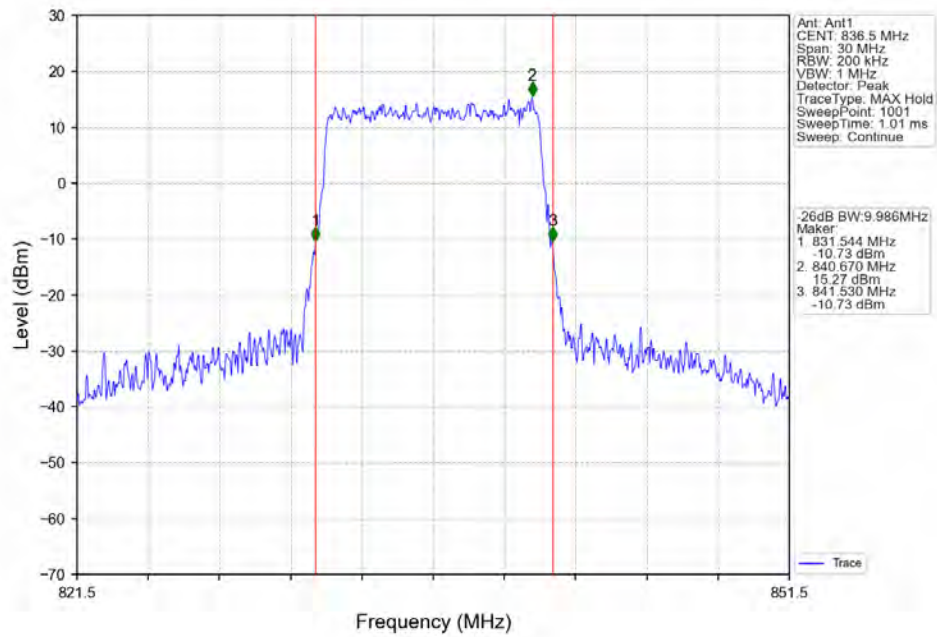
Band5 10MHz 64QAM HCH 844MHz RB 50 0 NTN



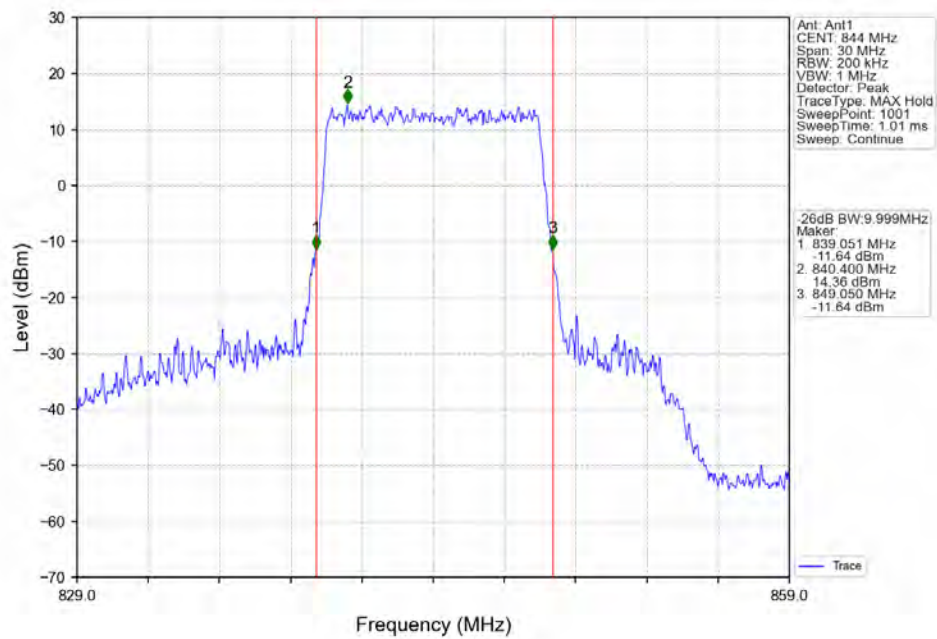
Band5 10MHz 256QAM LCH 829MHz RB 50 0 NTN



Band5 10MHz 256QAM MCH 836.5MHz RB 50 0 NTNV



Band5_10MHz_256QAM_HCH_844MHz_RB_50_0_NTNV



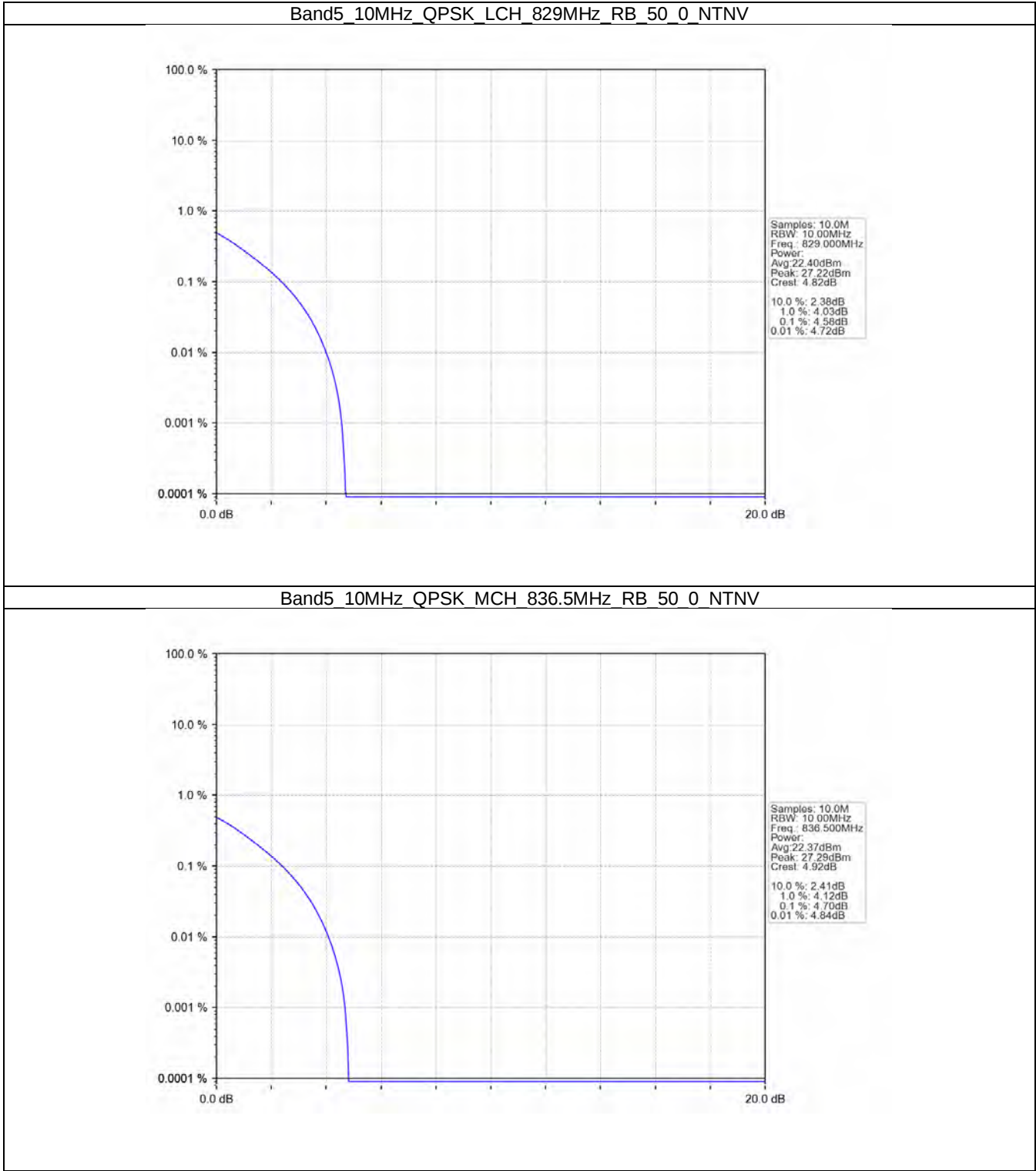
4. Peak-Average Ratio

4.1 B5_10MHz

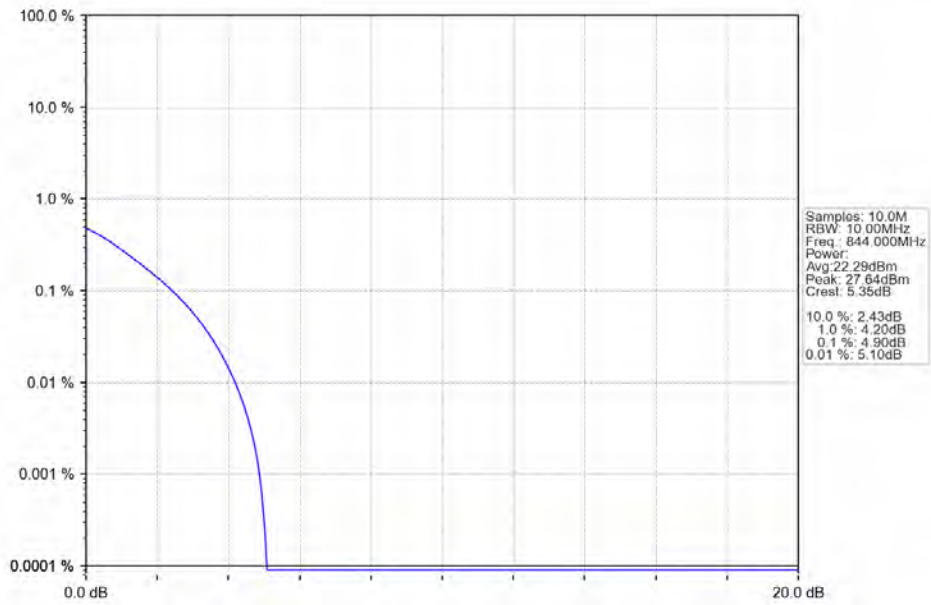
4.1.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	4.58	<=13	Pass
	836.5	50	0	4.70	<=13	Pass
	844	50	0	4.90	<=13	Pass
16QAM	829	50	0	5.54	<=13	Pass
	836.5	50	0	5.65	<=13	Pass
	844	50	0	5.77	<=13	Pass
64QAM	829	50	0	5.54	<=13	Pass
	836.5	50	0	5.62	<=13	Pass
	844	50	0	5.80	<=13	Pass
256QAM	829	50	0	6.26	<=13	Pass
	836.5	50	0	6.32	<=13	Pass
	844	50	0	6.41	<=13	Pass

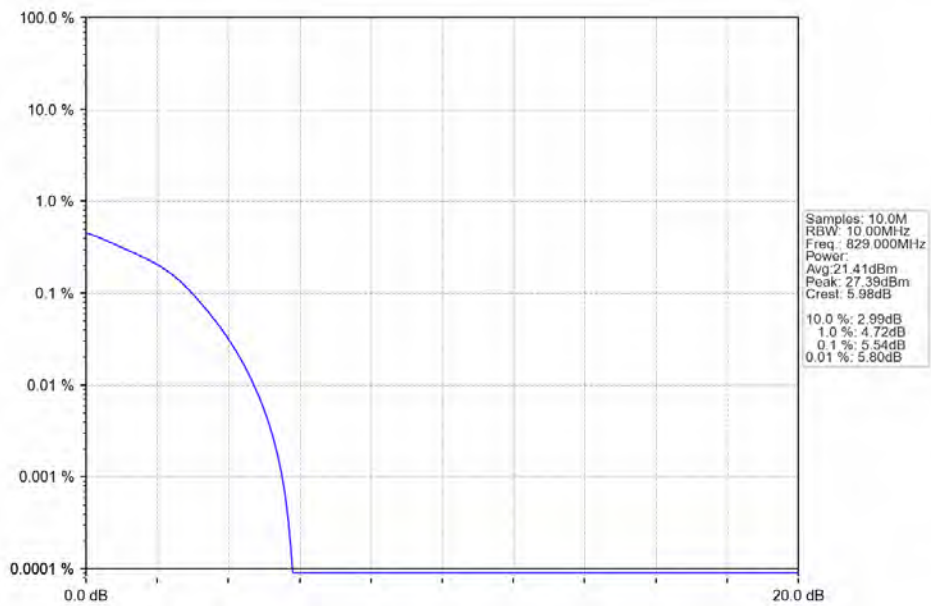
4.1.2 Test Graph



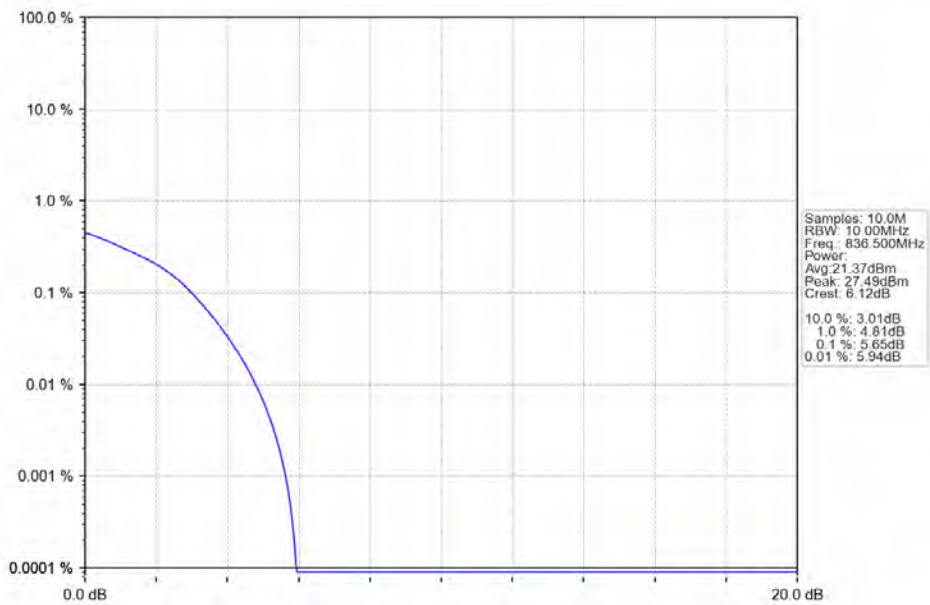
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



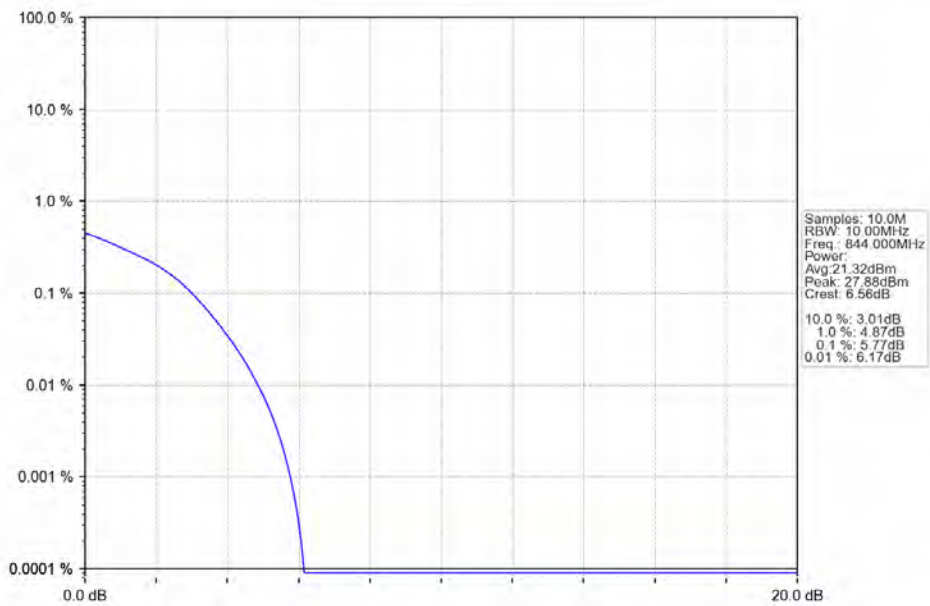
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



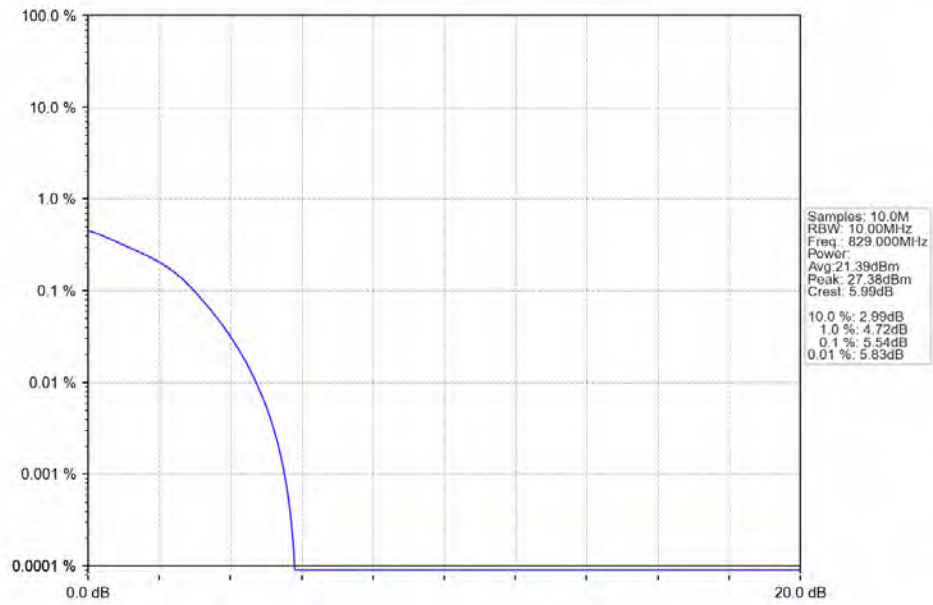
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



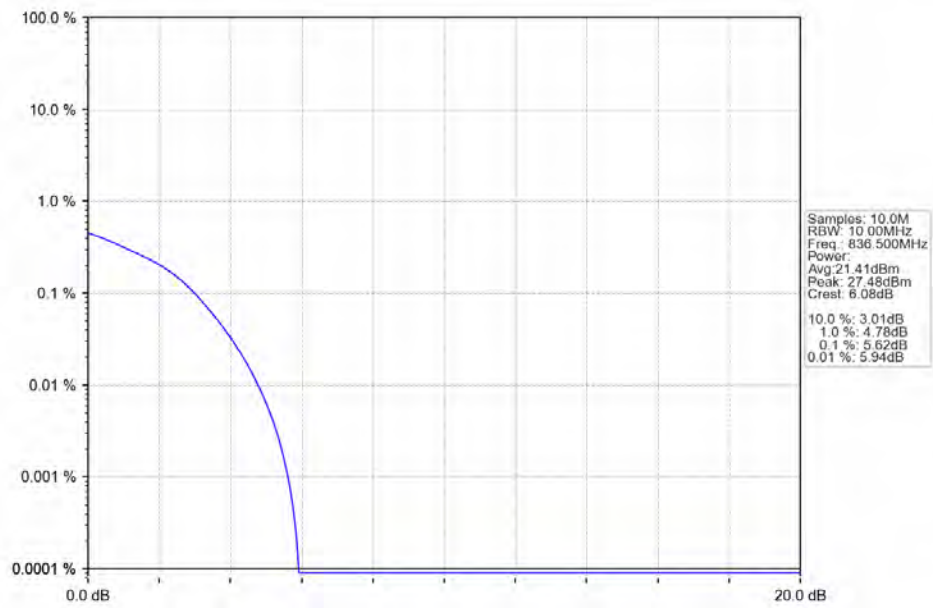
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



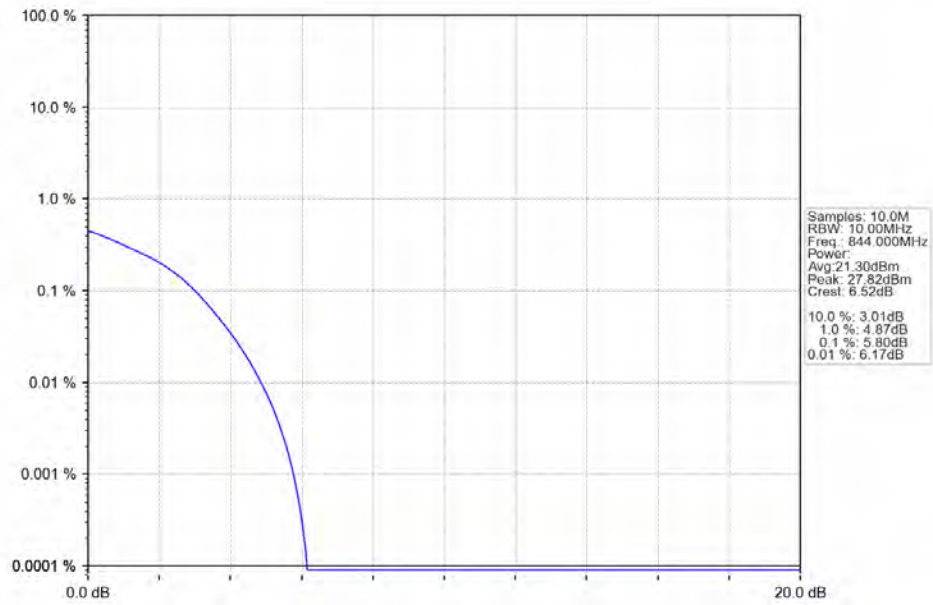
Band5 10MHz 64QAM LCH 829MHz RB 50 0 NTNV



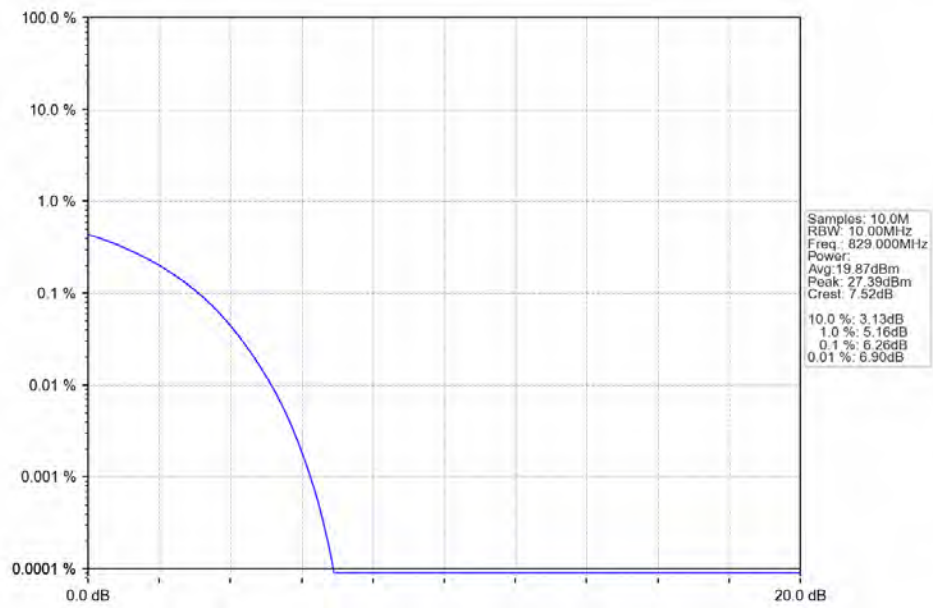
Band5 10MHz 64QAM MCH 836.5MHz RB 50 0 NTNV



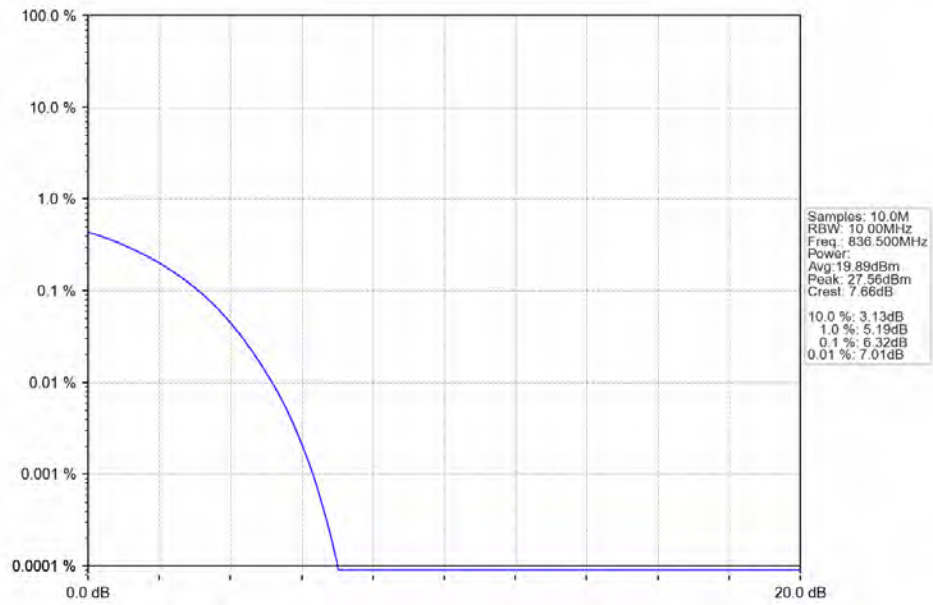
Band5 10MHz 64QAM HCH 844MHz RB 50 0 NTNV



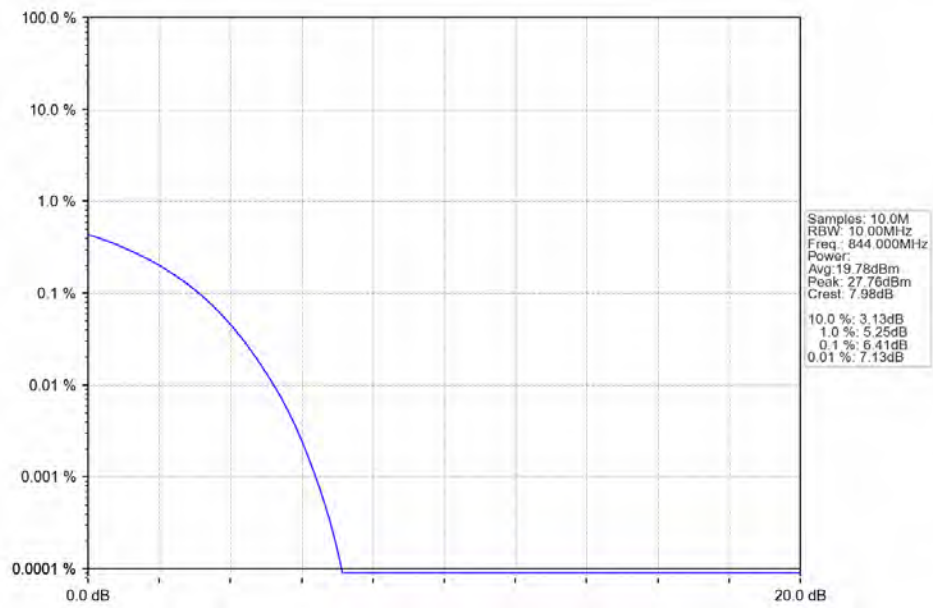
Band5 10MHz 256QAM LCH 829MHz RB 50 0 NTNV



Band5 10MHz 256QAM MCH 836.5MHz RB 50 0 NTN



Band5_10MHz_256QAM_HCH_844MHz_RB_50_0 NTN



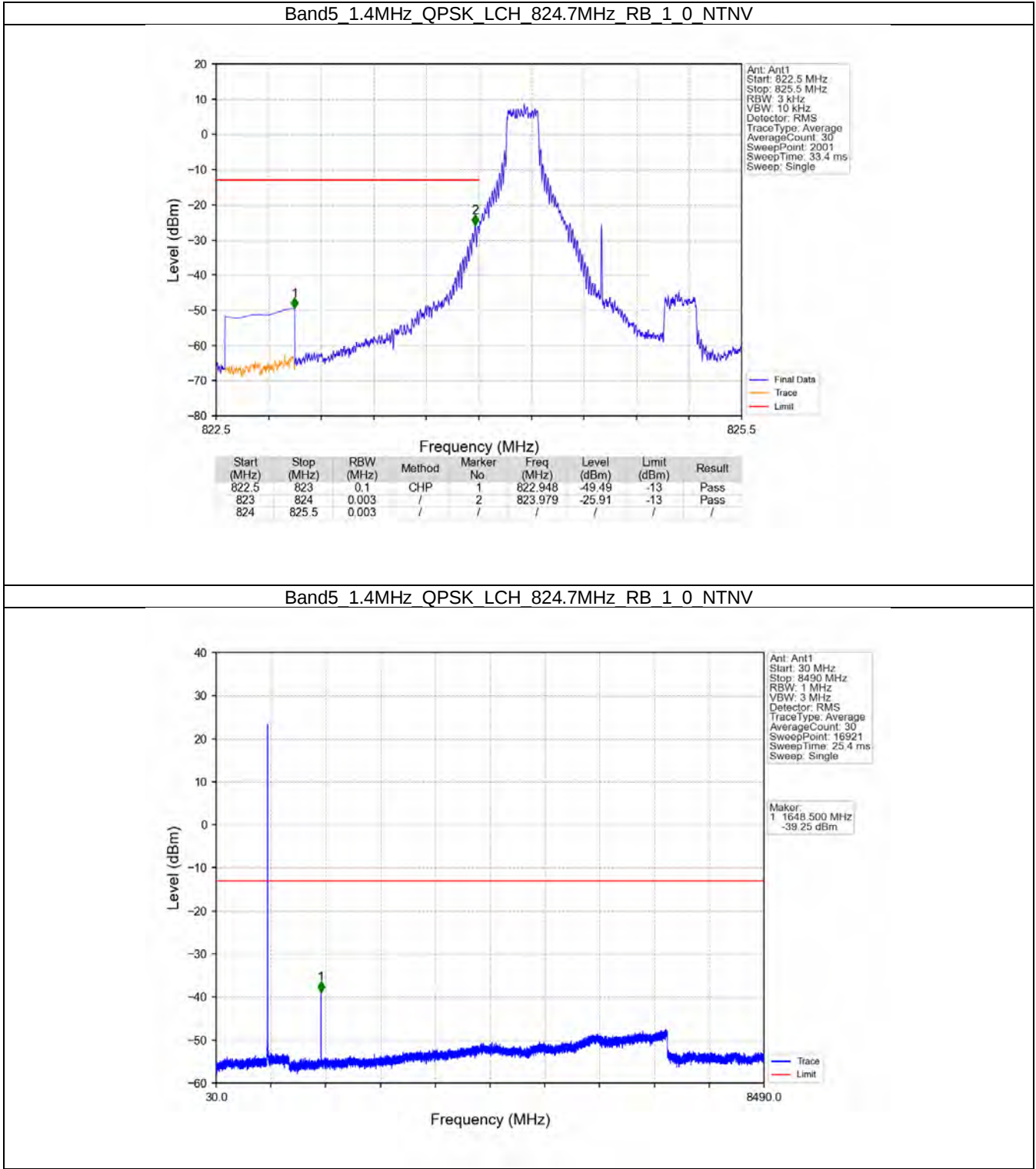
5. Spurious Emission & Band Edges

5.1 B5_1.4MHz

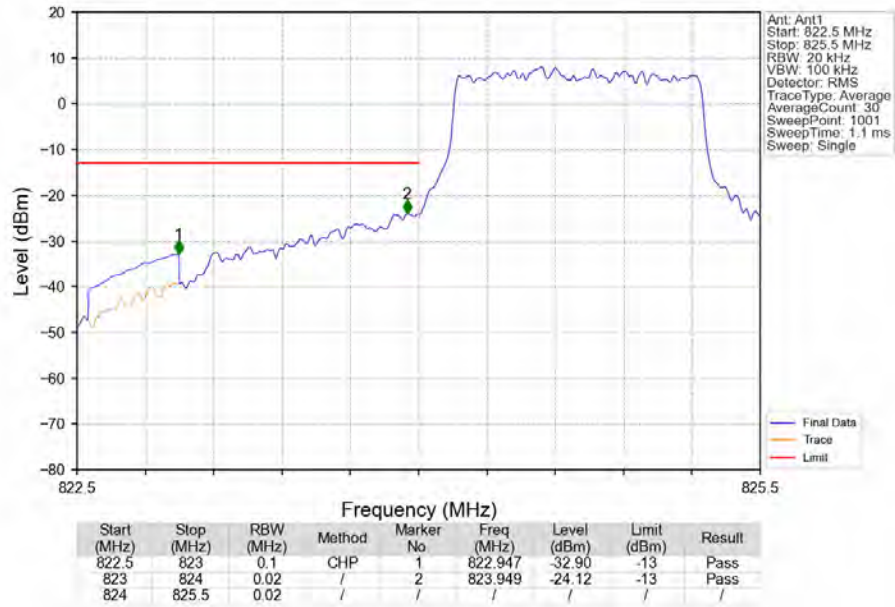
5.1.1 Test Result

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

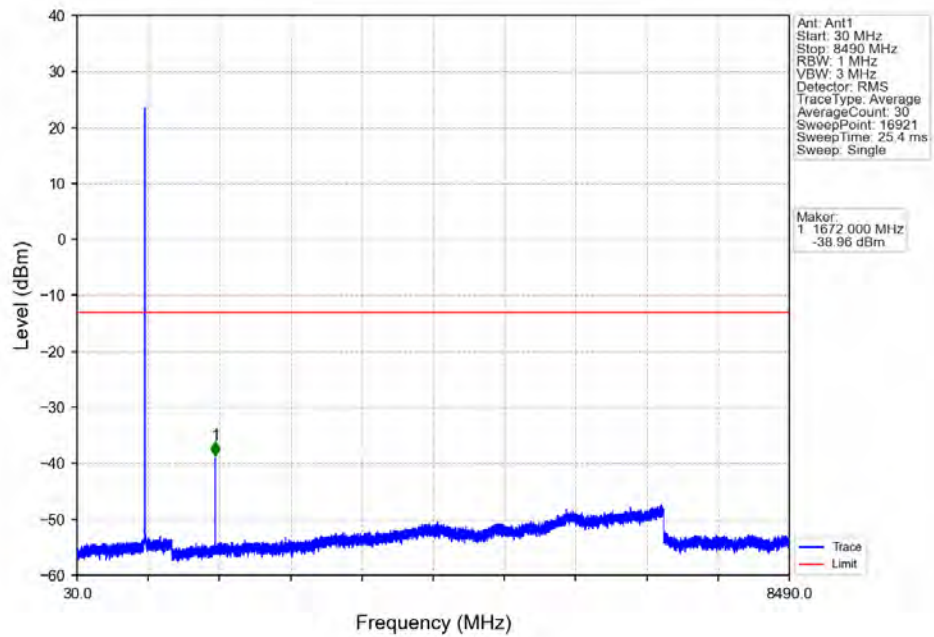
5.1.2 Test Graph



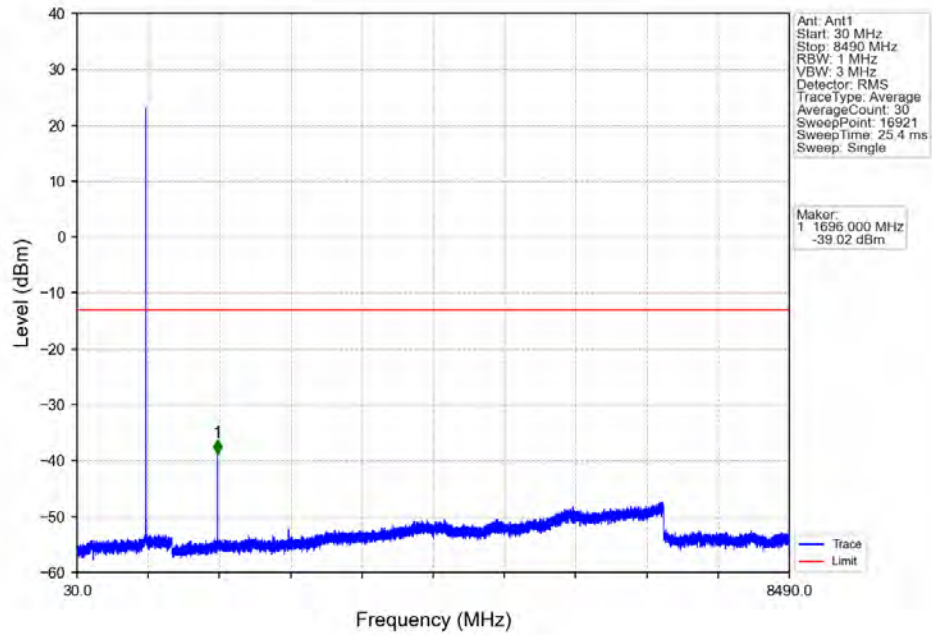
Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV



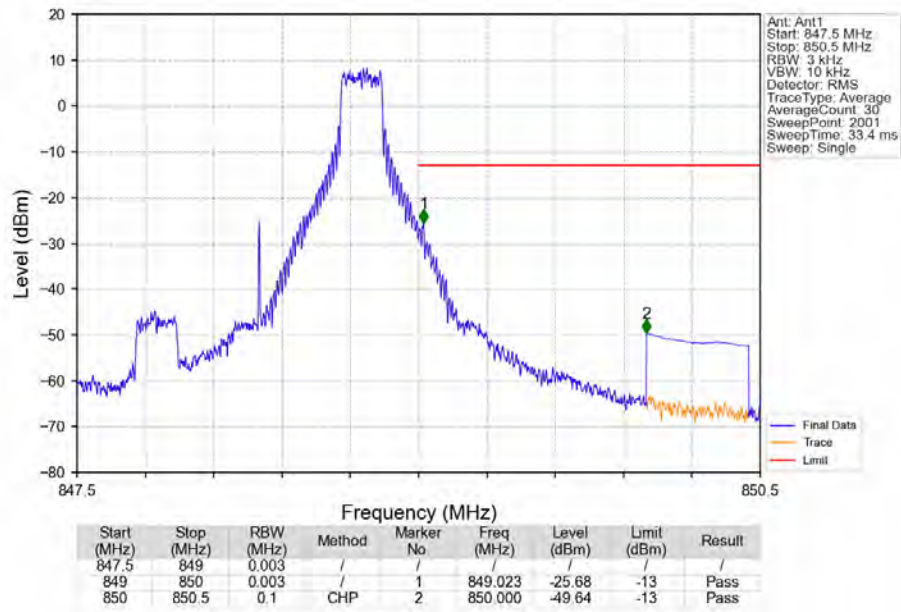
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV

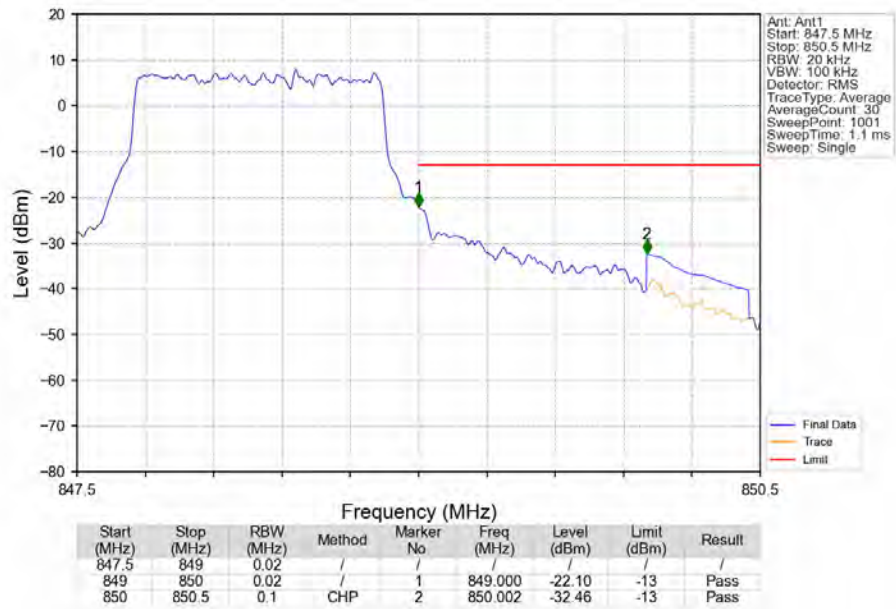


Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV



Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTNV



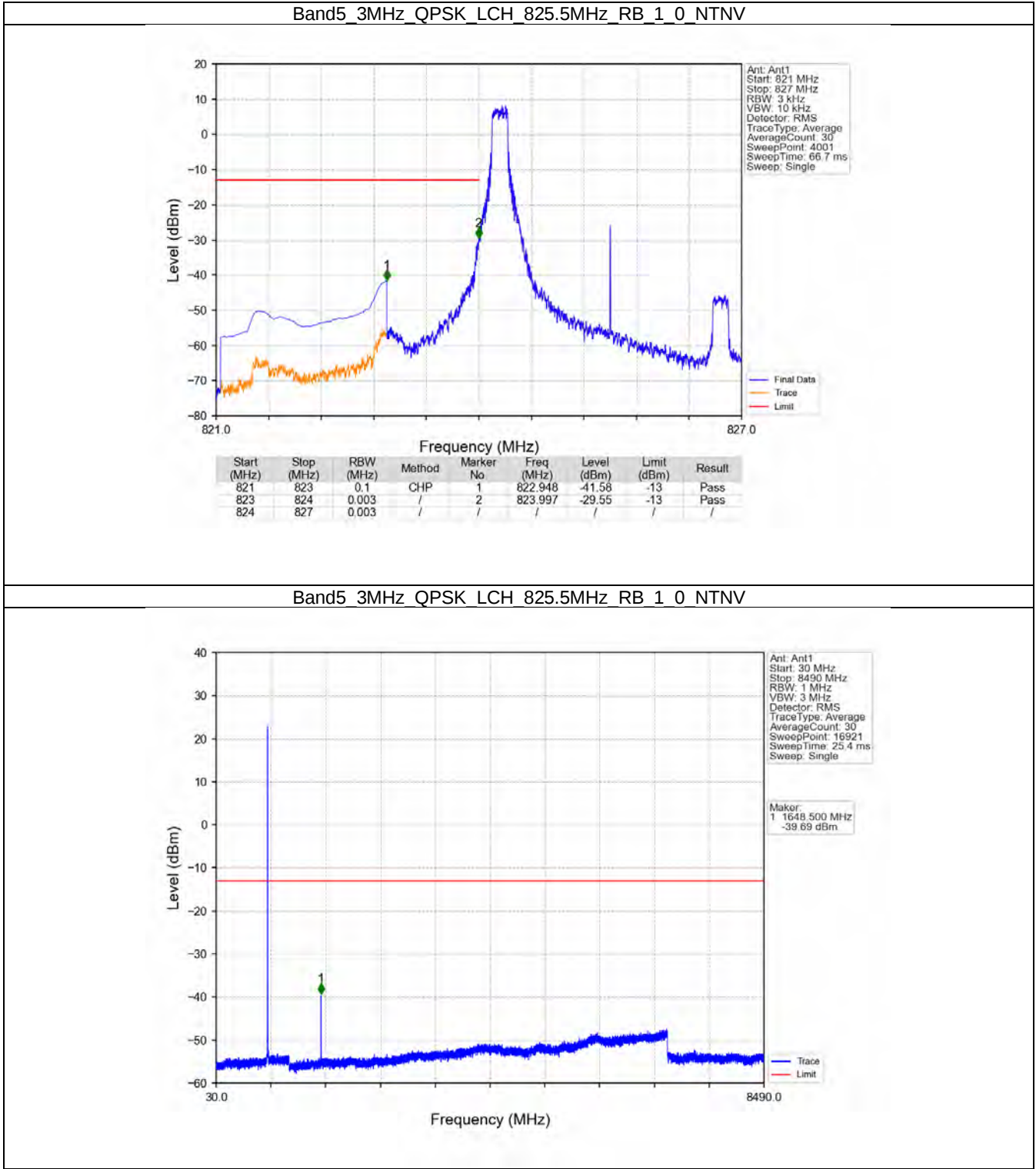


5.2 B5_3MHz

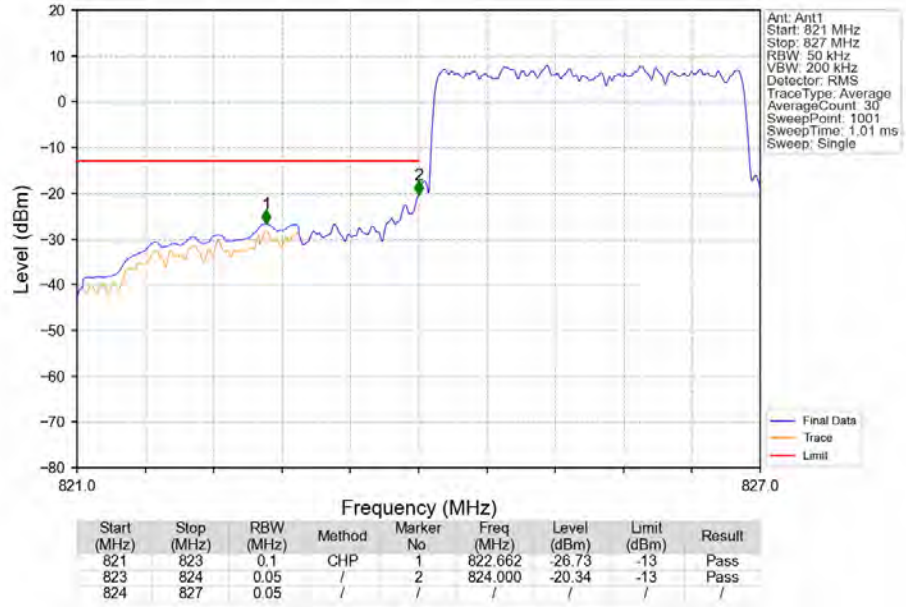
5.2.1 Test Result

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

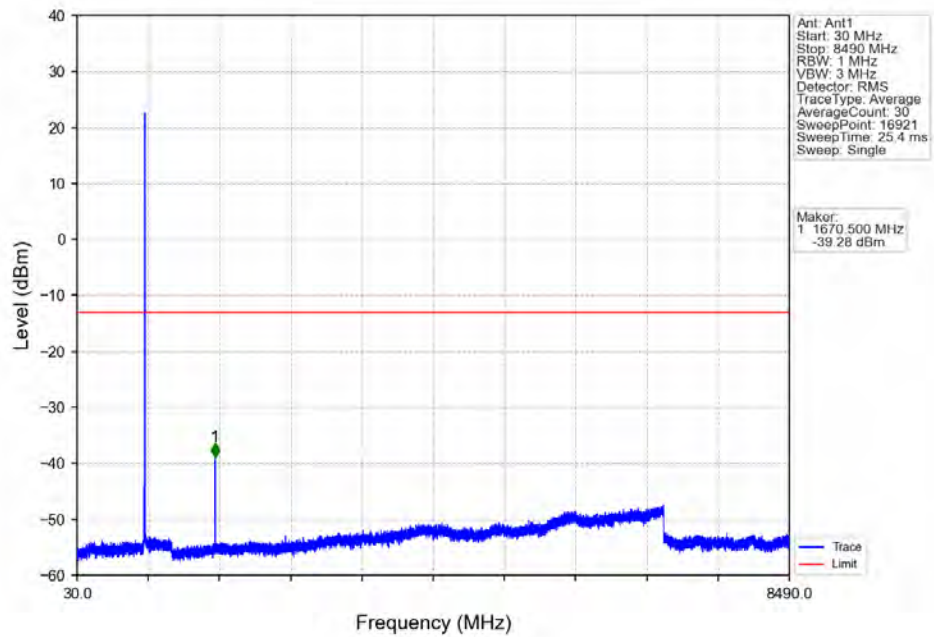
5.2.2 Test Graph



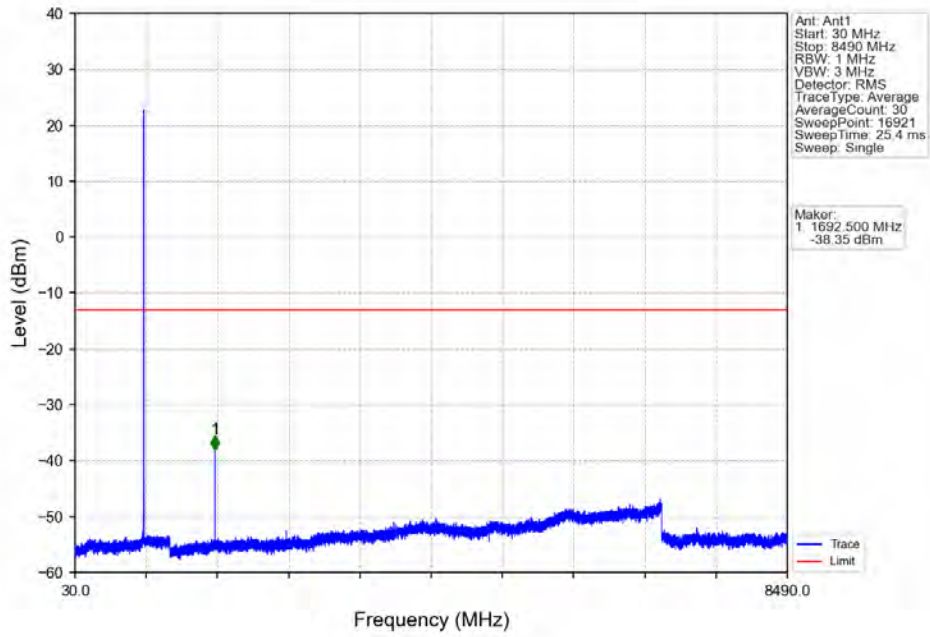
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



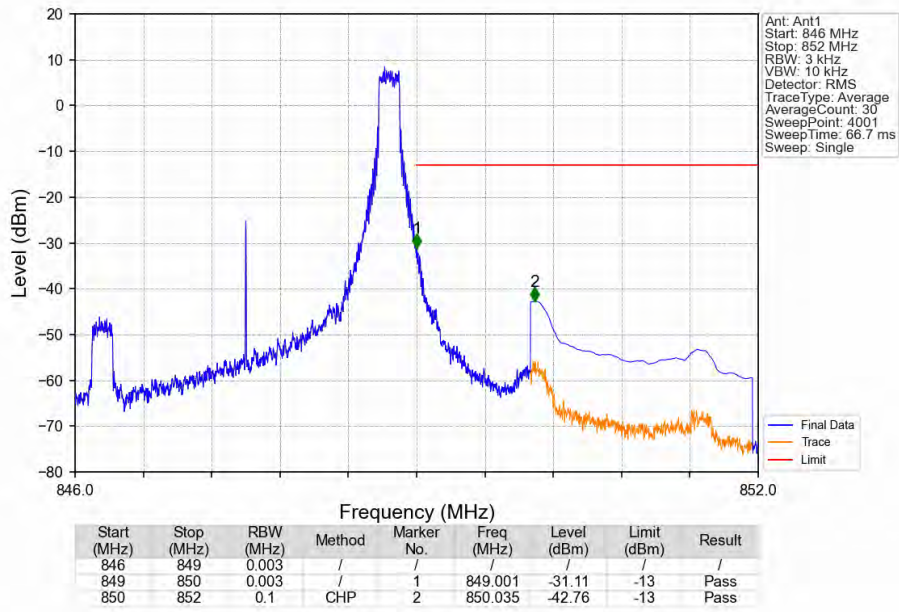
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

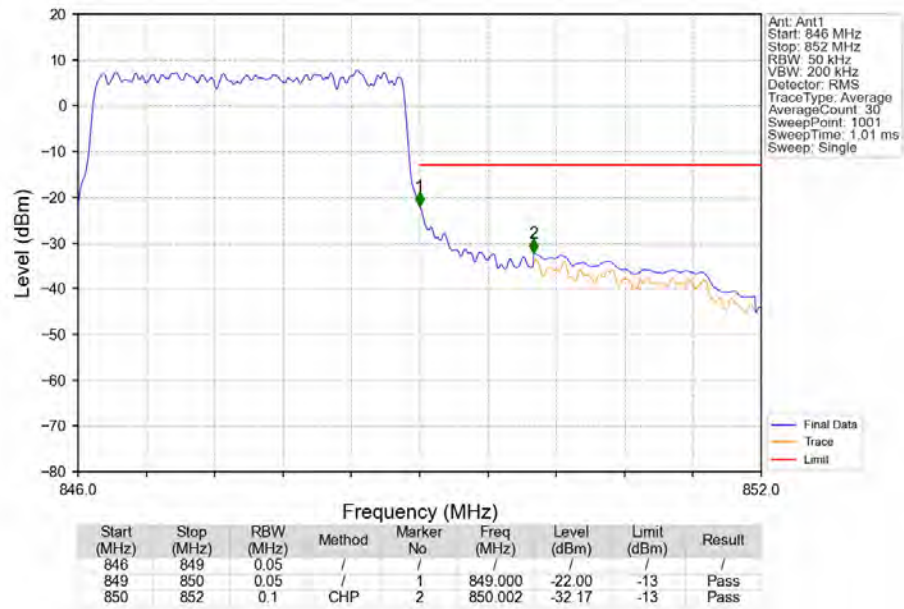


Band5 3MHz QPSK HCH 847.5MHz RB 1 0 NTN



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14 NTN



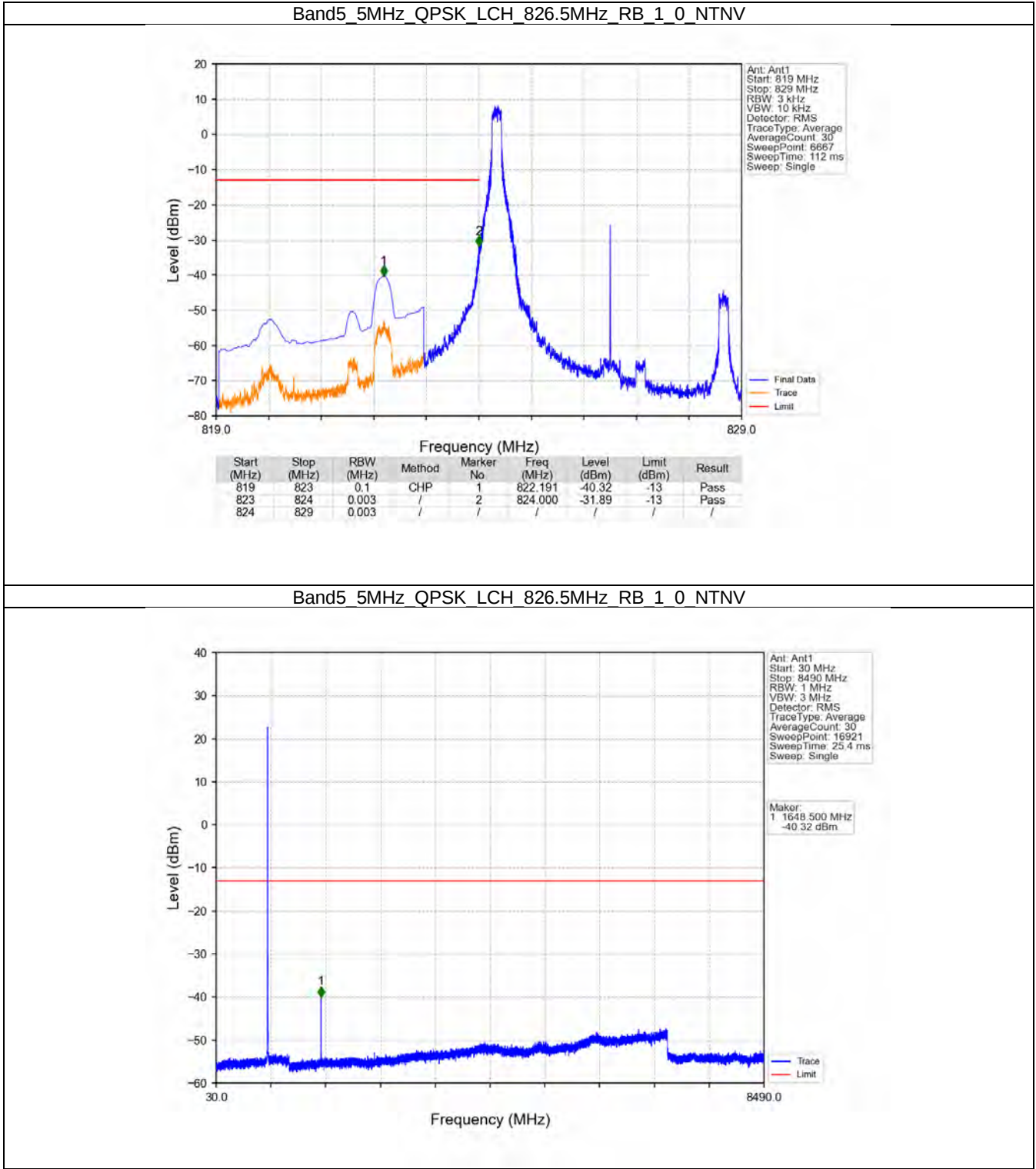


5.3 B5_5MHz

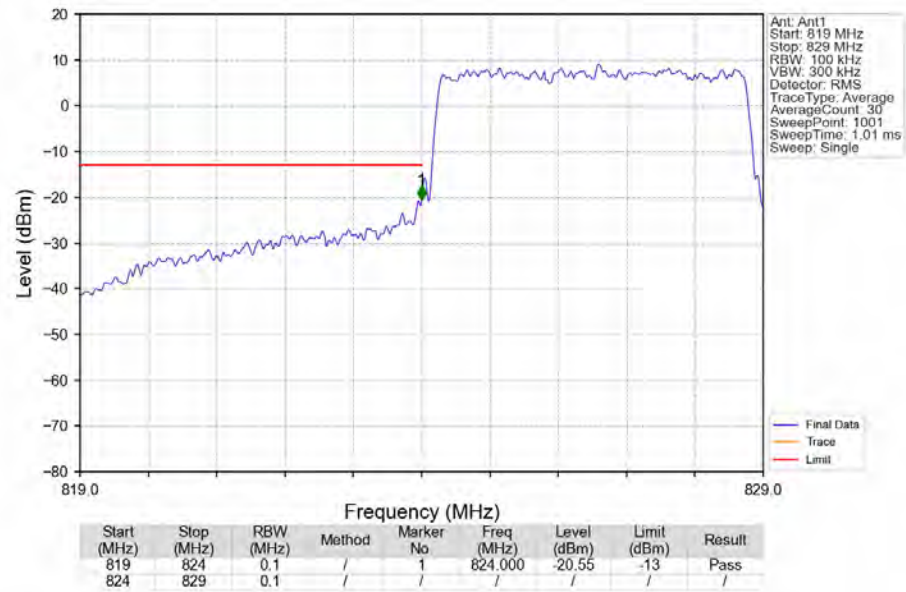
5.3.1 Test Result

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

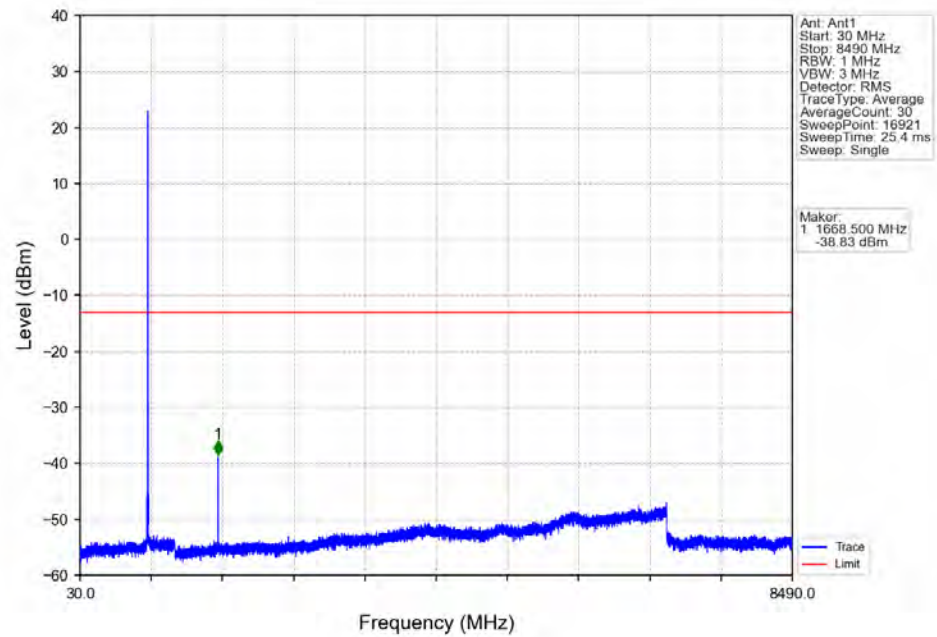
5.3.2 Test Graph



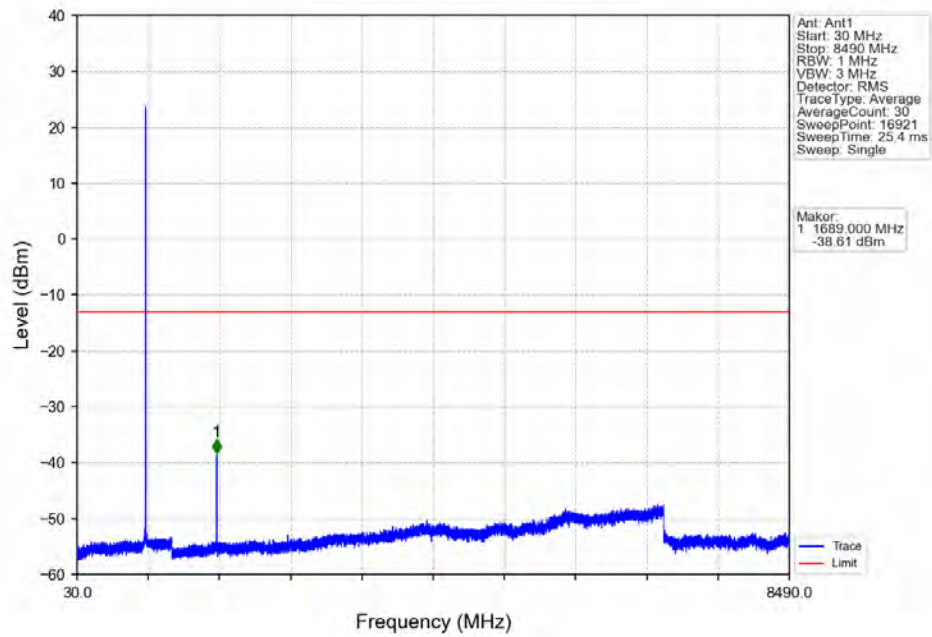
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



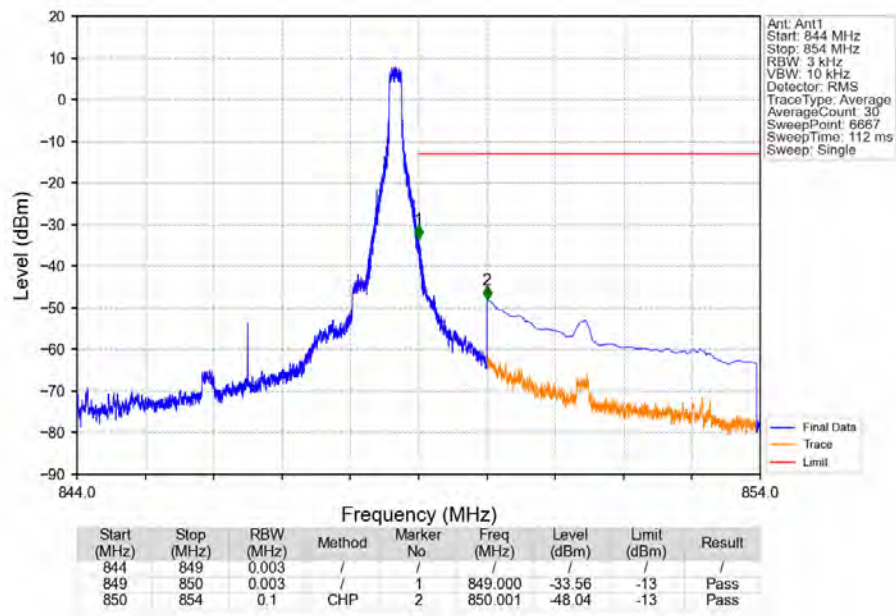
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

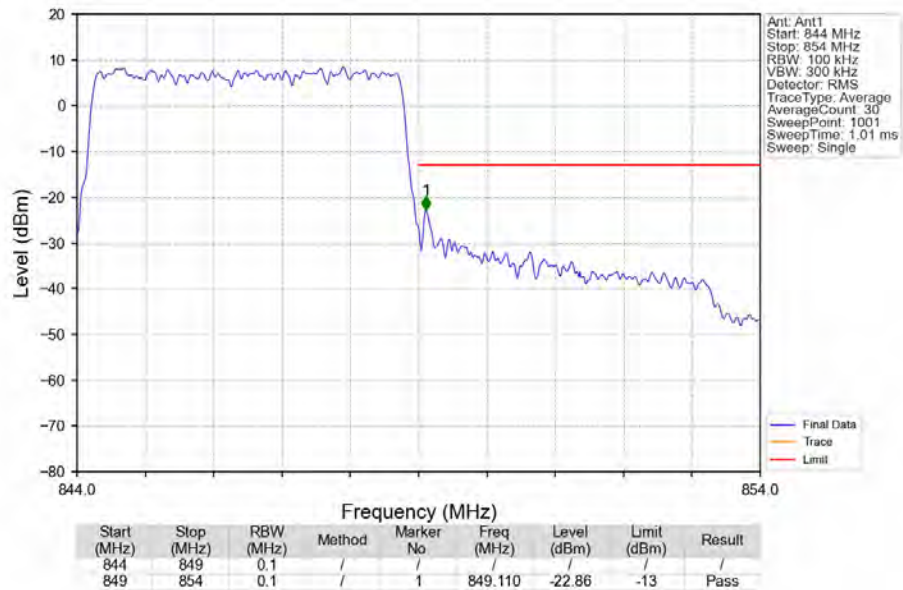


Band5 5MHz QPSK HCH 846.5MHz RB 1 0 NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



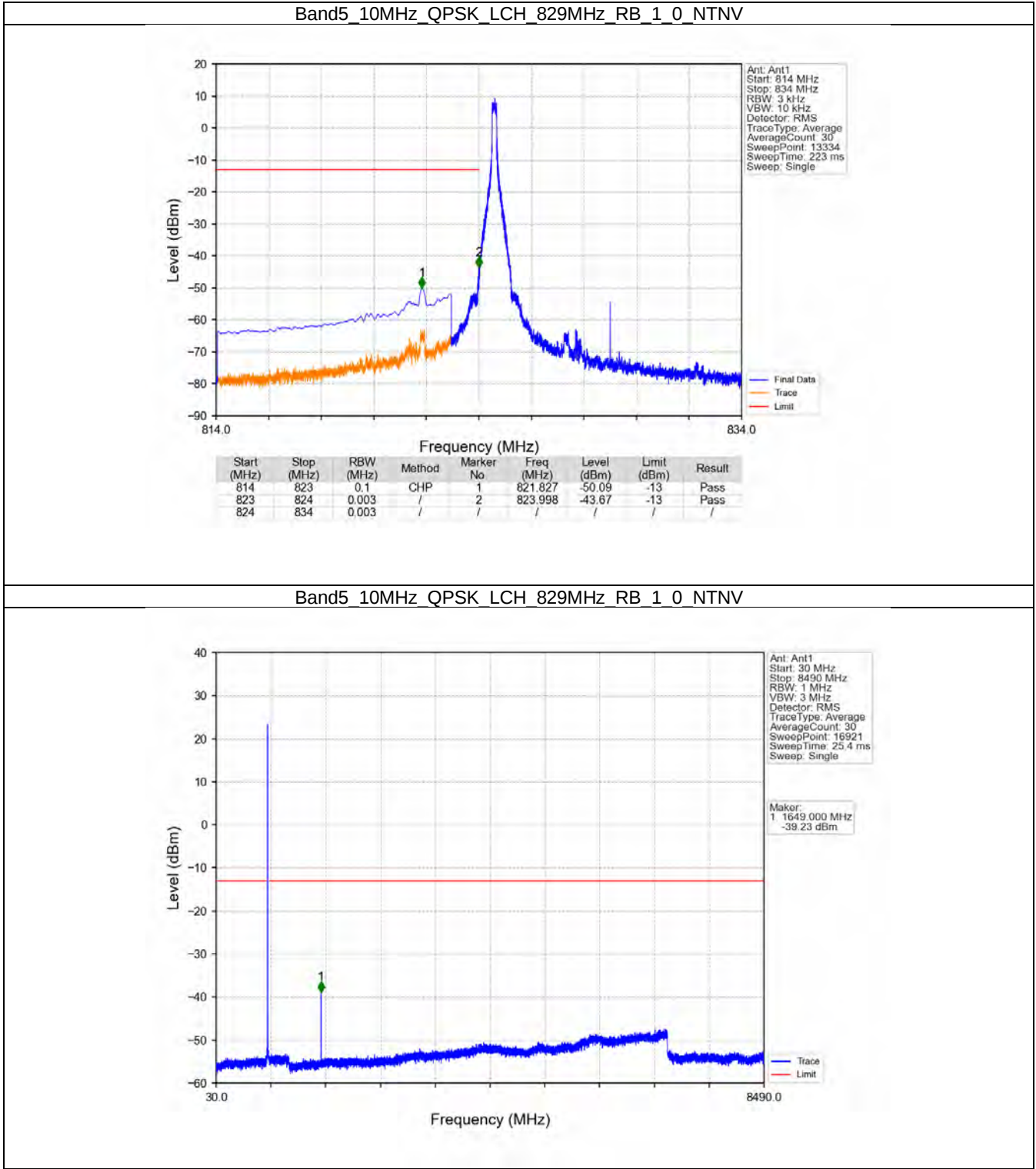


5.4 B5_10MHz

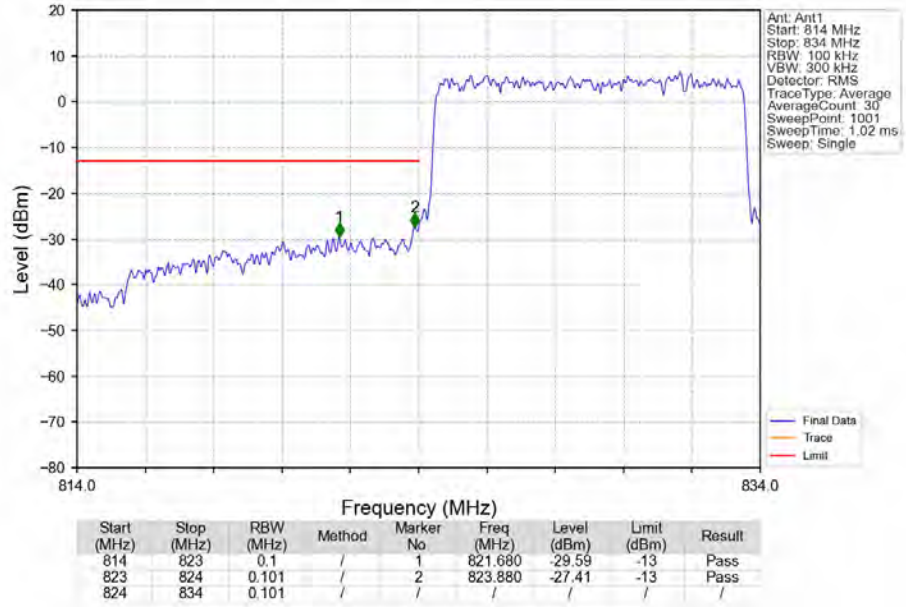
5.4.1 Test Result

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

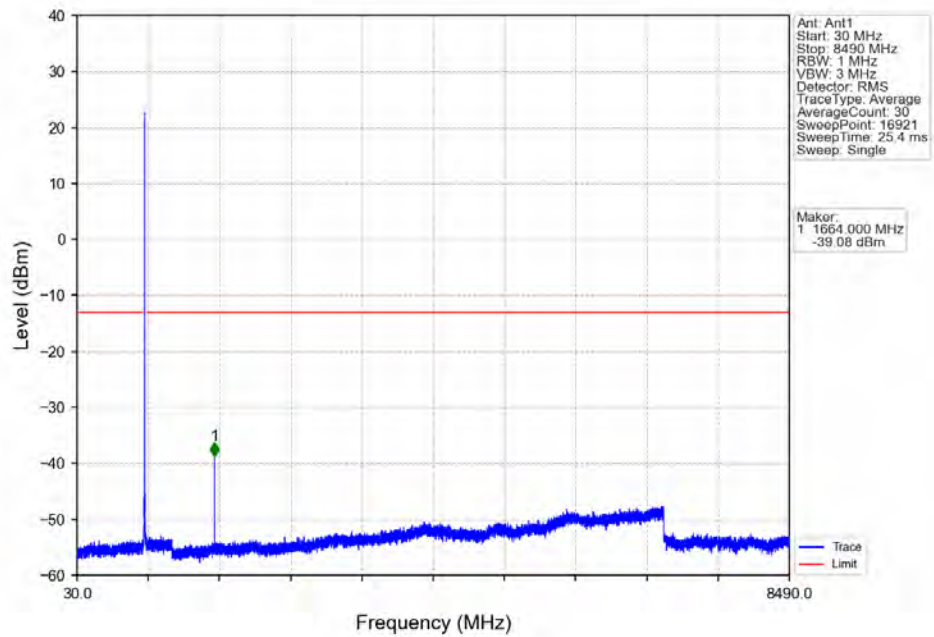
5.4.2 Test Graph



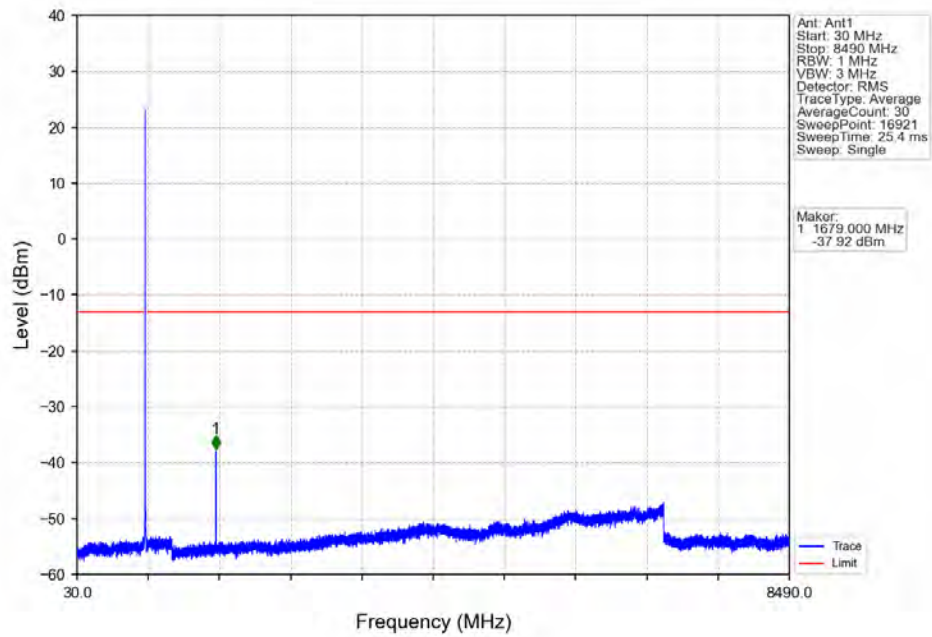
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



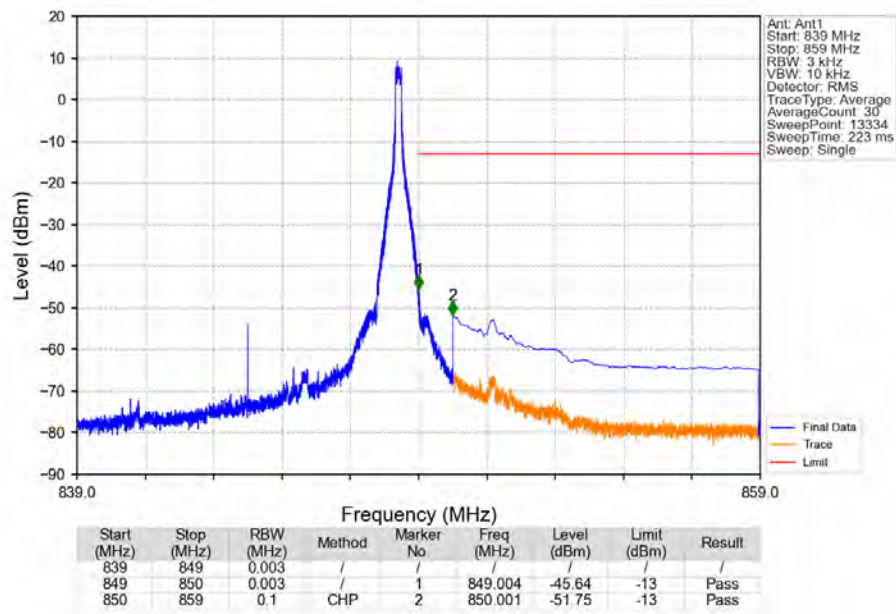
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



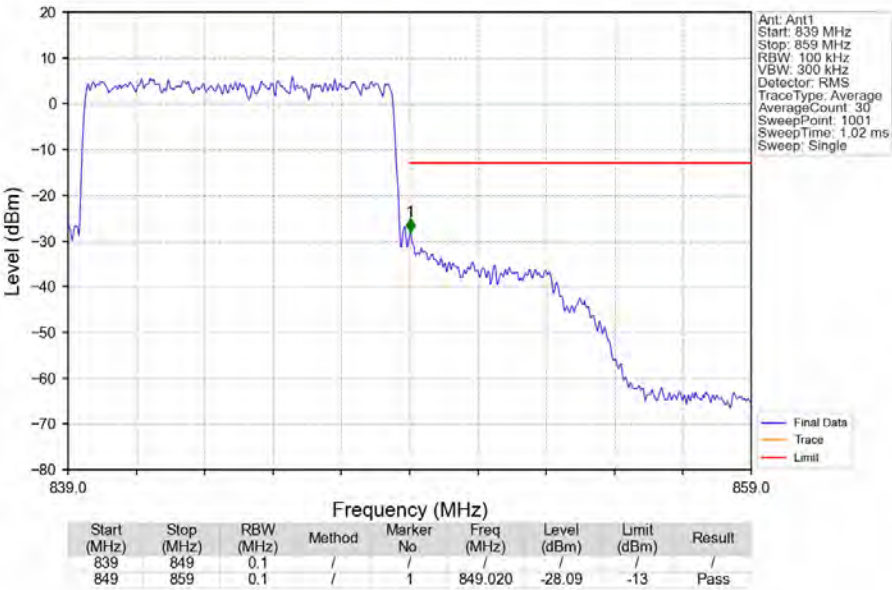
Band5 10MHz QPSK HCH 844MHz RB 1 0 NTNV



Band5_10MHz QPSK HCH 844MHz RB 1 49 NTNV



Band5 10MHz QPSK HCH 844MHz RB 50 0 NTN



6. Field Strength of Spurious Radiation

LTE Band 5 ANT31-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1649.0	-70.1	-13	-57.1	-72.98	2.62	5.5	Horizontal	Pass
2473.5	-70.12	-13	-57.12	-72.82	3.06	5.76	Horizontal	Pass
3298.0	-67.49	-13	-54.49	-71.85	3.3	7.66	Horizontal	Pass
1649.0	-68.51	-13	-55.51	-71.39	2.62	5.5	Vertical	Pass
2473.5	-69.9	-13	-56.9	-72.6	3.06	5.76	Vertical	Pass
3298.0	-67.46	-13	-54.46	-71.82	3.3	7.66	Vertical	Pass

LTE Band 5 ANT31-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1664.0	-71.22	-13	-58.22	-74.06	2.63	5.47	Horizontal	Pass
2496.0	-69.54	-13	-56.54	-72.27	3.08	5.81	Horizontal	Pass
3328.0	-67.57	-13	-54.57	-72.0	3.31	7.74	Horizontal	Pass
1664.0	-71.9	-13	-58.9	-74.74	2.63	5.47	Vertical	Pass
2496.0	-69.82	-13	-56.82	-72.55	3.08	5.81	Vertical	Pass
3328.0	-66.94	-13	-53.94	-71.37	3.31	7.74	Vertical	Pass

LTE Band 5 ANT31-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1679.0	-68.58	-13	-55.58	-71.38	2.63	5.43	Horizontal	Pass
2518.5	-67.82	-13	-54.82	-70.6	3.08	5.86	Horizontal	Pass
3358.0	-66.99	-13	-53.99	-71.48	3.33	7.82	Horizontal	Pass
1679.0	-67.49	-13	-54.49	-70.29	2.63	5.43	Vertical	Pass
2518.5	-68.94	-13	-55.94	-71.72	3.08	5.86	Vertical	Pass
3358.0	-67.09	-13	-54.09	-71.58	3.33	7.82	Vertical	Pass

CA 5A-7A -Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5002.0	-62.52	-25	-37.52	-68.09	4.57	10.14	Horizontal	Pass
7503.0	-60.8	-25	-35.8	-67.6	4.94	11.74	Horizontal	Pass
10004.0	-57.51	-25	-32.51	-65.08	5.46	13.03	Horizontal	Pass
5002.0	-62.99	-25	-37.99	-68.56	4.57	10.14	Vertical	Pass
7503.0	-61.05	-25	-36.05	-67.85	4.94	11.74	Vertical	Pass
10004.0	-57.54	-25	-32.54	-65.11	5.46	13.03	Vertical	Pass

CA 5A-7A -Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5052.0	-63.08	-25	-38.08	-68.66	4.59	10.17	Horizontal	Pass
7578.0	-60.65	-25	-35.65	-67.53	4.95	11.83	Horizontal	Pass
10104.0	-57.13	-25	-32.13	-64.7	5.48	13.05	Horizontal	Pass
5052.0	-63.2	-25	-38.2	-68.78	4.59	10.17	Vertical	Pass
7578.0	-60.47	-25	-35.47	-67.35	4.95	11.83	Vertical	Pass
10104.0	-57.05	-25	-32.05	-64.62	5.48	13.05	Vertical	Pass

CA 5A-7A -High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5102.0	-63.69	-25	-38.69	-69.29	4.6	10.2	Horizontal	Pass
7653.0	-60.42	-25	-35.42	-67.39	4.95	11.92	Horizontal	Pass
10204.0	-57.46	-25	-32.46	-65.04	5.49	13.07	Horizontal	Pass
5102.0	-63.84	-25	-38.84	-69.44	4.6	10.2	Vertical	Pass
7653.0	-60.29	-25	-35.29	-67.26	4.95	11.92	Vertical	Pass
10204.0	-57.58	-25	-32.58	-65.16	5.49	13.07	Vertical	Pass

1) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---