

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B26b_1.4MHz_ERP (ANT13)

Band: 26b / Bandwidth: 1.4MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.35	-3.91	17.29	<=38.45	Pass
			2	23.33	-3.91	17.27	<=38.45	Pass
			5	23.35	-3.91	17.29	<=38.45	Pass
		3	0	23.37	-3.91	17.31	<=38.45	Pass
			2	23.34	-3.91	17.28	<=38.45	Pass
			3	23.37	-3.91	17.31	<=38.45	Pass
		6	0	22.43	-3.91	16.37	<=38.45	Pass
	836.5	1	0	23.36	-3.91	17.30	<=38.45	Pass
			2	23.36	-3.91	17.30	<=38.45	Pass
			5	23.35	-3.91	17.29	<=38.45	Pass
		3	0	23.38	-3.91	17.32	<=38.45	Pass
			2	23.40	-3.91	17.34	<=38.45	Pass
			3	23.42	-3.91	17.36	<=38.45	Pass
		6	0	22.41	-3.91	16.35	<=38.45	Pass
	848.3	1	0	23.44	-3.91	17.38	<=38.45	Pass
			2	23.50	-3.91	17.44	<=38.45	Pass
			5	23.46	-3.91	17.40	<=38.45	Pass
		3	0	23.41	-3.91	17.35	<=38.45	Pass
			2	23.38	-3.91	17.32	<=38.45	Pass
			3	23.48	-3.91	17.42	<=38.45	Pass
		6	0	22.44	-3.91	16.38	<=38.45	Pass
16QAM	824.7	1	0	22.67	-3.91	16.61	<=38.45	Pass
			2	22.75	-3.91	16.69	<=38.45	Pass
			5	22.81	-3.91	16.75	<=38.45	Pass
		3	0	22.53	-3.91	16.47	<=38.45	Pass
			2	22.42	-3.91	16.36	<=38.45	Pass
			3	22.55	-3.91	16.49	<=38.45	Pass
		6	0	21.46	-3.91	15.40	<=38.45	Pass
	836.5	1	0	22.69	-3.91	16.63	<=38.45	Pass
			2	22.76	-3.91	16.70	<=38.45	Pass
			5	22.65	-3.91	16.59	<=38.45	Pass
		3	0	22.50	-3.91	16.44	<=38.45	Pass
			2	22.55	-3.91	16.49	<=38.45	Pass
			3	22.51	-3.91	16.45	<=38.45	Pass
		6	0	21.43	-3.91	15.37	<=38.45	Pass
	848.3	1	0	22.73	-3.91	16.67	<=38.45	Pass
			2	22.82	-3.91	16.76	<=38.45	Pass
			5	22.63	-3.91	16.57	<=38.45	Pass
		3	0	22.49	-3.91	16.43	<=38.45	Pass
			2	22.48	-3.91	16.42	<=38.45	Pass
			3	22.57	-3.91	16.51	<=38.45	Pass
		6	0	21.43	-3.91	15.37	<=38.45	Pass
64QAM	824.7	1	0	22.34	-3.91	16.28	<=38.45	Pass
			2	22.49	-3.91	16.43	<=38.45	Pass
			5	22.35	-3.91	16.29	<=38.45	Pass
		3	0	22.37	-3.91	16.31	<=38.45	Pass
			2	22.41	-3.91	16.35	<=38.45	Pass
			3	22.43	-3.91	16.37	<=38.45	Pass
		6	0	21.43	-3.91	15.37	<=38.45	Pass

	836.5	1	0	22.36	-3.91	16.30	<=38.45	Pass
			2	22.52	-3.91	16.46	<=38.45	Pass
			5	22.51	-3.91	16.45	<=38.45	Pass
		3	0	22.55	-3.91	16.49	<=38.45	Pass
			2	22.41	-3.91	16.35	<=38.45	Pass
			3	22.50	-3.91	16.44	<=38.45	Pass
		6	0	21.44	-3.91	15.38	<=38.45	Pass
	848.3	1	0	22.52	-3.91	16.46	<=38.45	Pass
			2	22.47	-3.91	16.41	<=38.45	Pass
			5	22.49	-3.91	16.43	<=38.45	Pass
		3	0	22.48	-3.91	16.42	<=38.45	Pass
			2	22.44	-3.91	16.38	<=38.45	Pass
			3	22.40	-3.91	16.34	<=38.45	Pass
		6	0	21.54	-3.91	15.48	<=38.45	Pass
256QAM	824.7	1	0	18.46	-3.91	12.40	<=38.45	Pass
			2	18.46	-3.91	12.40	<=38.45	Pass
			5	18.46	-3.91	12.40	<=38.45	Pass
		3	0	18.40	-3.91	12.34	<=38.45	Pass
			2	18.37	-3.91	12.31	<=38.45	Pass
			3	18.34	-3.91	12.28	<=38.45	Pass
		6	0	18.43	-3.91	12.37	<=38.45	Pass
	836.5	1	0	18.63	-3.91	12.57	<=38.45	Pass
			2	18.58	-3.91	12.52	<=38.45	Pass
			5	18.43	-3.91	12.37	<=38.45	Pass
		3	0	18.46	-3.91	12.40	<=38.45	Pass
			2	18.51	-3.91	12.45	<=38.45	Pass
			3	18.35	-3.91	12.29	<=38.45	Pass
		6	0	18.45	-3.91	12.39	<=38.45	Pass
	848.3	1	0	18.40	-3.91	12.34	<=38.45	Pass
			2	18.65	-3.91	12.59	<=38.45	Pass
			5	18.48	-3.91	12.42	<=38.45	Pass
		3	0	18.54	-3.91	12.48	<=38.45	Pass
			2	18.56	-3.91	12.50	<=38.45	Pass
			3	18.49	-3.91	12.43	<=38.45	Pass
		6	0	18.49	-3.91	12.43	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B26b_3MHz_ERP (ANT13)

Band: 26b / 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	23.25	-3.91	17.19	<=38.45	Pass
			7	23.34	-3.91	17.28	<=38.45	Pass
			14	23.21	-3.91	17.15	<=38.45	Pass
		8	0	22.38	-3.91	16.32	<=38.45	Pass
			4	22.46	-3.91	16.40	<=38.45	Pass
			7	22.40	-3.91	16.34	<=38.45	Pass
		15	0	22.54	-3.91	16.48	<=38.45	Pass
	836.5	1	0	23.36	-3.91	17.30	<=38.45	Pass
			7	23.46	-3.91	17.40	<=38.45	Pass
			14	23.50	-3.91	17.44	<=38.45	Pass
		8	0	22.39	-3.91	16.33	<=38.45	Pass
			4	22.39	-3.91	16.33	<=38.45	Pass
			7	22.43	-3.91	16.37	<=38.45	Pass
		15	0	22.43	-3.91	16.37	<=38.45	Pass
	847.5	1	0	23.43	-3.91	17.37	<=38.45	Pass

		8	7	23.49	-3.91	17.43	<=38.45	Pass
			14	23.31	-3.91	17.25	<=38.45	Pass
			0	22.45	-3.91	16.39	<=38.45	Pass
			4	22.50	-3.91	16.44	<=38.45	Pass
			7	22.50	-3.91	16.44	<=38.45	Pass
		15	0	22.46	-3.91	16.40	<=38.45	Pass
16QAM	825.5	1	0	22.61	-3.91	16.55	<=38.45	Pass
			7	22.76	-3.91	16.70	<=38.45	Pass
			14	22.73	-3.91	16.67	<=38.45	Pass
		8	0	21.42	-3.91	15.36	<=38.45	Pass
			4	21.47	-3.91	15.41	<=38.45	Pass
			7	21.55	-3.91	15.49	<=38.45	Pass
		15	0	21.48	-3.91	15.42	<=38.45	Pass
	836.5	1	0	22.55	-3.91	16.49	<=38.45	Pass
			7	22.81	-3.91	16.75	<=38.45	Pass
			14	22.60	-3.91	16.54	<=38.45	Pass
		8	0	21.54	-3.91	15.48	<=38.45	Pass
			4	21.46	-3.91	15.40	<=38.45	Pass
			7	21.46	-3.91	15.40	<=38.45	Pass
		15	0	21.55	-3.91	15.49	<=38.45	Pass
	847.5	1	0	22.72	-3.91	16.66	<=38.45	Pass
			7	22.68	-3.91	16.62	<=38.45	Pass
			14	22.77	-3.91	16.71	<=38.45	Pass
		8	0	21.55	-3.91	15.49	<=38.45	Pass
			4	21.54	-3.91	15.48	<=38.45	Pass
			7	21.53	-3.91	15.47	<=38.45	Pass
		15	0	21.54	-3.91	15.48	<=38.45	Pass
64QAM	825.5	1	0	22.28	-3.91	16.22	<=38.45	Pass
			7	22.41	-3.91	16.35	<=38.45	Pass
			14	22.47	-3.91	16.41	<=38.45	Pass
		8	0	21.38	-3.91	15.32	<=38.45	Pass
			4	21.37	-3.91	15.31	<=38.45	Pass
			7	21.35	-3.91	15.29	<=38.45	Pass
		15	0	21.49	-3.91	15.43	<=38.45	Pass
	836.5	1	0	22.49	-3.91	16.43	<=38.45	Pass
			7	22.50	-3.91	16.44	<=38.45	Pass
			14	22.55	-3.91	16.49	<=38.45	Pass
		8	0	21.37	-3.91	15.31	<=38.45	Pass
			4	21.44	-3.91	15.38	<=38.45	Pass
			7	21.42	-3.91	15.36	<=38.45	Pass
		15	0	21.44	-3.91	15.38	<=38.45	Pass
	847.5	1	0	22.35	-3.91	16.29	<=38.45	Pass
			7	22.73	-3.91	16.67	<=38.45	Pass
			14	22.54	-3.91	16.48	<=38.45	Pass
		8	0	21.47	-3.91	15.41	<=38.45	Pass
			4	21.44	-3.91	15.38	<=38.45	Pass
			7	21.45	-3.91	15.39	<=38.45	Pass
		15	0	21.55	-3.91	15.49	<=38.45	Pass
256QAM	825.5	1	0	18.28	-3.91	12.22	<=38.45	Pass
			7	18.37	-3.91	12.31	<=38.45	Pass
			14	18.34	-3.91	12.28	<=38.45	Pass
		8	0	18.34	-3.91	12.28	<=38.45	Pass
			4	18.45	-3.91	12.39	<=38.45	Pass
			7	18.35	-3.91	12.29	<=38.45	Pass
		15	0	18.44	-3.91	12.38	<=38.45	Pass
	836.5	1	0	18.44	-3.91	12.38	<=38.45	Pass
			7	18.43	-3.91	12.37	<=38.45	Pass
			14	18.31	-3.91	12.25	<=38.45	Pass
		8	0	18.37	-3.91	12.31	<=38.45	Pass

			4	18.45	-3.91	12.39	<=38.45	Pass
			7	18.46	-3.91	12.40	<=38.45	Pass
		15	0	18.45	-3.91	12.39	<=38.45	Pass
	847.5	1	0	18.50	-3.91	12.44	<=38.45	Pass
			7	18.53	-3.91	12.47	<=38.45	Pass
			14	18.54	-3.91	12.48	<=38.45	Pass
		8	0	18.43	-3.91	12.37	<=38.45	Pass
			4	18.52	-3.91	12.46	<=38.45	Pass
			7	18.51	-3.91	12.45	<=38.45	Pass
		15	0	18.53	-3.91	12.47	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B26b_5MHz_ERP (ANT13)

Band: 26b / 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	23.33	-3.91	17.27	<=38.45	Pass
			13	23.27	-3.91	17.21	<=38.45	Pass
			24	23.27	-3.91	17.21	<=38.45	Pass
		12	0	22.30	-3.91	16.24	<=38.45	Pass
			6	22.42	-3.91	16.36	<=38.45	Pass
			13	22.36	-3.91	16.30	<=38.45	Pass
		25	0	22.38	-3.91	16.32	<=38.45	Pass
	836.5	1	0	23.31	-3.91	17.25	<=38.45	Pass
			13	23.37	-3.91	17.31	<=38.45	Pass
			24	23.30	-3.91	17.24	<=38.45	Pass
		12	0	22.34	-3.91	16.28	<=38.45	Pass
			6	22.45	-3.91	16.39	<=38.45	Pass
			13	22.36	-3.91	16.30	<=38.45	Pass
		25	0	22.39	-3.91	16.33	<=38.45	Pass
	846.5	1	0	23.39	-3.91	17.33	<=38.45	Pass
			13	23.51	-3.91	17.45	<=38.45	Pass
			24	23.39	-3.91	17.33	<=38.45	Pass
		12	0	22.49	-3.91	16.43	<=38.45	Pass
			6	22.51	-3.91	16.45	<=38.45	Pass
			13	22.45	-3.91	16.39	<=38.45	Pass
		25	0	22.44	-3.91	16.38	<=38.45	Pass
16QAM	826.5	1	0	22.68	-3.91	16.62	<=38.45	Pass
			13	22.71	-3.91	16.65	<=38.45	Pass
			24	22.57	-3.91	16.51	<=38.45	Pass
		12	0	21.32	-3.91	15.26	<=38.45	Pass
			6	21.43	-3.91	15.37	<=38.45	Pass
			13	21.47	-3.91	15.41	<=38.45	Pass
		25	0	21.41	-3.91	15.35	<=38.45	Pass
	836.5	1	0	22.69	-3.91	16.63	<=38.45	Pass
			13	22.84	-3.91	16.78	<=38.45	Pass
			24	22.61	-3.91	16.55	<=38.45	Pass
		12	0	21.44	-3.91	15.38	<=38.45	Pass
			6	21.54	-3.91	15.48	<=38.45	Pass
			13	21.46	-3.91	15.40	<=38.45	Pass
		25	0	21.45	-3.91	15.39	<=38.45	Pass
	846.5	1	0	22.87	-3.91	16.81	<=38.45	Pass
			13	22.79	-3.91	16.73	<=38.45	Pass
			24	22.68	-3.91	16.62	<=38.45	Pass
		12	0	21.49	-3.91	15.43	<=38.45	Pass
			6	21.54	-3.91	15.48	<=38.45	Pass

			13	21.48	-3.91	15.42	<=38.45	Pass	
		25	0	21.49	-3.91	15.43	<=38.45	Pass	
64QAM	826.5	1	0	22.44	-3.91	16.38	<=38.45	Pass	
			13	22.42	-3.91	16.36	<=38.45	Pass	
			24	22.39	-3.91	16.33	<=38.45	Pass	
			0	21.37	-3.91	15.31	<=38.45	Pass	
		12	6	21.50	-3.91	15.44	<=38.45	Pass	
			13	21.33	-3.91	15.27	<=38.45	Pass	
			25	0	21.38	-3.91	15.32	<=38.45	Pass
		836.5	1	0	22.48	-3.91	16.42	<=38.45	Pass
				13	22.58	-3.91	16.52	<=38.45	Pass
				24	22.55	-3.91	16.49	<=38.45	Pass
	12		0	21.39	-3.91	15.33	<=38.45	Pass	
			6	21.55	-3.91	15.49	<=38.45	Pass	
			13	21.48	-3.91	15.42	<=38.45	Pass	
	25		0	21.45	-3.91	15.39	<=38.45	Pass	
	846.5	1	0	22.55	-3.91	16.49	<=38.45	Pass	
			13	22.63	-3.91	16.57	<=38.45	Pass	
			24	22.50	-3.91	16.44	<=38.45	Pass	
		12	0	21.42	-3.91	15.36	<=38.45	Pass	
			6	21.51	-3.91	15.45	<=38.45	Pass	
			13	21.55	-3.91	15.49	<=38.45	Pass	
		25	0	21.42	-3.91	15.36	<=38.45	Pass	
		256QAM	826.5	1	0	18.40	-3.91	12.34	<=38.45
13	18.65				-3.91	12.59	<=38.45	Pass	
24	18.47				-3.91	12.41	<=38.45	Pass	
12	0			18.31	-3.91	12.25	<=38.45	Pass	
	6			18.44	-3.91	12.38	<=38.45	Pass	
	13			18.45	-3.91	12.39	<=38.45	Pass	
25	0			18.34	-3.91	12.28	<=38.45	Pass	
836.5	1		0	18.47	-3.91	12.41	<=38.45	Pass	
			13	18.43	-3.91	12.37	<=38.45	Pass	
			24	18.49	-3.91	12.43	<=38.45	Pass	
	12		0	18.30	-3.91	12.24	<=38.45	Pass	
			6	18.47	-3.91	12.41	<=38.45	Pass	
			13	18.45	-3.91	12.39	<=38.45	Pass	
25	0		18.45	-3.91	12.39	<=38.45	Pass		
846.5	1		0	18.60	-3.91	12.54	<=38.45	Pass	
			13	18.76	-3.91	12.70	<=38.45	Pass	
			24	18.47	-3.91	12.41	<=38.45	Pass	
	12		0	18.54	-3.91	12.48	<=38.45	Pass	
			6	18.49	-3.91	12.43	<=38.45	Pass	
			13	18.56	-3.91	12.50	<=38.45	Pass	
	25		0	18.48	-3.91	12.42	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.4 B26b_10MHz_ERP (ANT13)

Band: 26b / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.29	-3.91	17.23	<=38.45	Pass
			25	23.30	-3.91	17.24	<=38.45	Pass
			49	23.30	-3.91	17.24	<=38.45	Pass
		25	0	22.35	-3.91	16.29	<=38.45	Pass
			13	22.44	-3.91	16.38	<=38.45	Pass
			25	22.44	-3.91	16.38	<=38.45	Pass

		50	0	22.44	-3.91	16.38	<=38.45	Pass
	836.5	1	0	23.36	-3.91	17.30	<=38.45	Pass
			25	23.41	-3.91	17.35	<=38.45	Pass
			49	23.29	-3.91	17.23	<=38.45	Pass
			0	22.39	-3.91	16.33	<=38.45	Pass
		25	13	22.52	-3.91	16.46	<=38.45	Pass
			25	22.47	-3.91	16.41	<=38.45	Pass
			50	0	22.47	-3.91	16.41	<=38.45
	844	1	0	23.45	-3.91	17.39	<=38.45	Pass
			25	23.45	-3.91	17.39	<=38.45	Pass
			49	23.38	-3.91	17.32	<=38.45	Pass
		25	0	22.48	-3.91	16.42	<=38.45	Pass
			13	22.55	-3.91	16.49	<=38.45	Pass
			25	22.47	-3.91	16.41	<=38.45	Pass
		50	0	22.39	-3.91	16.33	<=38.45	Pass
16QAM	829	1	0	22.45	-3.91	16.39	<=38.45	Pass
			25	22.74	-3.91	16.68	<=38.45	Pass
			49	22.49	-3.91	16.43	<=38.45	Pass
		25	0	21.26	-3.91	15.20	<=38.45	Pass
			13	21.45	-3.91	15.39	<=38.45	Pass
			25	21.45	-3.91	15.39	<=38.45	Pass
		50	0	21.46	-3.91	15.40	<=38.45	Pass
	836.5	1	0	22.60	-3.91	16.54	<=38.45	Pass
			25	22.69	-3.91	16.63	<=38.45	Pass
			49	22.45	-3.91	16.39	<=38.45	Pass
		25	0	21.44	-3.91	15.38	<=38.45	Pass
			13	21.49	-3.91	15.43	<=38.45	Pass
			25	21.47	-3.91	15.41	<=38.45	Pass
		50	0	21.46	-3.91	15.40	<=38.45	Pass
	844	1	0	22.78	-3.91	16.72	<=38.45	Pass
			25	22.74	-3.91	16.68	<=38.45	Pass
			49	22.54	-3.91	16.48	<=38.45	Pass
		25	0	21.41	-3.91	15.35	<=38.45	Pass
			13	21.39	-3.91	15.33	<=38.45	Pass
			25	21.57	-3.91	15.51	<=38.45	Pass
		50	0	21.47	-3.91	15.41	<=38.45	Pass
64QAM	829	1	0	22.41	-3.91	16.35	<=38.45	Pass
			25	22.44	-3.91	16.38	<=38.45	Pass
			49	22.33	-3.91	16.27	<=38.45	Pass
		25	0	21.33	-3.91	15.27	<=38.45	Pass
			13	21.46	-3.91	15.40	<=38.45	Pass
			25	21.40	-3.91	15.34	<=38.45	Pass
		50	0	21.42	-3.91	15.36	<=38.45	Pass
	836.5	1	0	22.48	-3.91	16.42	<=38.45	Pass
			25	22.49	-3.91	16.43	<=38.45	Pass
			49	22.58	-3.91	16.52	<=38.45	Pass
		25	0	21.43	-3.91	15.37	<=38.45	Pass
			13	21.52	-3.91	15.46	<=38.45	Pass
			25	21.45	-3.91	15.39	<=38.45	Pass
		50	0	21.51	-3.91	15.45	<=38.45	Pass
	844	1	0	22.44	-3.91	16.38	<=38.45	Pass
			25	22.45	-3.91	16.39	<=38.45	Pass
			49	22.59	-3.91	16.53	<=38.45	Pass
		25	0	21.46	-3.91	15.40	<=38.45	Pass
			13	21.43	-3.91	15.37	<=38.45	Pass
			25	21.53	-3.91	15.47	<=38.45	Pass
		50	0	21.32	-3.91	15.26	<=38.45	Pass
256QAM	829	1	0	18.40	-3.91	12.34	<=38.45	Pass
			25	18.54	-3.91	12.48	<=38.45	Pass

			49	17.86	-3.91	11.80	<=38.45	Pass
		25	0	18.48	-3.91	12.42	<=38.45	Pass
			13	18.39	-3.91	12.33	<=38.45	Pass
			25	18.40	-3.91	12.34	<=38.45	Pass
		50	0	18.42	-3.91	12.36	<=38.45	Pass
	836.5	1	0	18.37	-3.91	12.31	<=38.45	Pass
			25	18.53	-3.91	12.47	<=38.45	Pass
			49	18.59	-3.91	12.53	<=38.45	Pass
		25	0	18.32	-3.91	12.26	<=38.45	Pass
			13	18.49	-3.91	12.43	<=38.45	Pass
			25	18.42	-3.91	12.36	<=38.45	Pass
		50	0	18.47	-3.91	12.41	<=38.45	Pass
	844	1	0	18.07	-3.91	12.01	<=38.45	Pass
			25	19.03	-3.91	12.97	<=38.45	Pass
			49	18.48	-3.91	12.42	<=38.45	Pass
		25	0	18.51	-3.91	12.45	<=38.45	Pass
			13	18.79	-3.91	12.73	<=38.45	Pass
			25	18.54	-3.91	12.48	<=38.45	Pass
		50	0	18.50	-3.91	12.44	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.5 B26b_15MHz_ERP (ANT13)

Band: 26b / Bandwidth: 15MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	831.5	1	0	23.10	-3.91	17.04	<=38.45	Pass
			38	23.16	-3.91	17.10	<=38.45	Pass
			74	23.13	-3.91	17.07	<=38.45	Pass
		36	0	22.26	-3.91	16.20	<=38.45	Pass
			18	22.18	-3.91	16.12	<=38.45	Pass
			39	22.27	-3.91	16.21	<=38.45	Pass
		75	0	22.36	-3.91	16.30	<=38.45	Pass
	836.5	1	0	23.17	-3.91	17.11	<=38.45	Pass
			38	23.21	-3.91	17.15	<=38.45	Pass
			74	23.21	-3.91	17.15	<=38.45	Pass
		36	0	22.26	-3.91	16.20	<=38.45	Pass
			18	22.21	-3.91	16.15	<=38.45	Pass
			39	22.25	-3.91	16.19	<=38.45	Pass
		75	0	22.32	-3.91	16.26	<=38.45	Pass
	841.5	1	0	23.15	-3.91	17.09	<=38.45	Pass
			38	23.26	-3.91	17.20	<=38.45	Pass
			74	23.11	-3.91	17.05	<=38.45	Pass
		36	0	22.30	-3.91	16.24	<=38.45	Pass
			18	22.37	-3.91	16.31	<=38.45	Pass
			39	22.43	-3.91	16.37	<=38.45	Pass
		75	0	22.54	-3.91	16.48	<=38.45	Pass
16QAM	831.5	1	0	22.36	-3.91	16.30	<=38.45	Pass
			38	22.44	-3.91	16.38	<=38.45	Pass
			74	22.34	-3.91	16.28	<=38.45	Pass
		36	0	21.25	-3.91	15.19	<=38.45	Pass
			18	21.26	-3.91	15.20	<=38.45	Pass
			39	21.27	-3.91	15.21	<=38.45	Pass
		75	0	21.19	-3.91	15.13	<=38.45	Pass
	836.5	1	0	22.60	-3.91	16.54	<=38.45	Pass
			38	22.48	-3.91	16.42	<=38.45	Pass
			74	22.51	-3.91	16.45	<=38.45	Pass

		36	0	21.24	-3.91	15.18	<=38.45	Pass
			18	21.27	-3.91	15.21	<=38.45	Pass
			39	21.41	-3.91	15.35	<=38.45	Pass
		75	0	21.33	-3.91	15.27	<=38.45	Pass
	841.5	1	0	22.62	-3.91	16.56	<=38.45	Pass
			38	22.92	-3.91	16.86	<=38.45	Pass
			74	22.37	-3.91	16.31	<=38.45	Pass
		36	0	21.31	-3.91	15.25	<=38.45	Pass
			18	21.41	-3.91	15.35	<=38.45	Pass
			39	21.35	-3.91	15.29	<=38.45	Pass
		75	0	21.45	-3.91	15.39	<=38.45	Pass
		64QAM	831.5	1	0	22.33	-3.91	16.27
38	22.29				-3.91	16.23	<=38.45	Pass
74	22.35				-3.91	16.29	<=38.45	Pass
36	0			21.19	-3.91	15.13	<=38.45	Pass
	18			21.17	-3.91	15.11	<=38.45	Pass
	39			21.12	-3.91	15.06	<=38.45	Pass
75	0			21.31	-3.91	15.25	<=38.45	Pass
836.5	1		0	22.45	-3.91	16.39	<=38.45	Pass
			38	22.40	-3.91	16.34	<=38.45	Pass
			74	22.46	-3.91	16.40	<=38.45	Pass
	36		0	21.30	-3.91	15.24	<=38.45	Pass
			18	21.25	-3.91	15.19	<=38.45	Pass
			39	21.41	-3.91	15.35	<=38.45	Pass
	75		0	21.29	-3.91	15.23	<=38.45	Pass
841.5	1		0	22.33	-3.91	16.27	<=38.45	Pass
			38	22.35	-3.91	16.29	<=38.45	Pass
			74	22.36	-3.91	16.30	<=38.45	Pass
	36		0	21.33	-3.91	15.27	<=38.45	Pass
			18	21.36	-3.91	15.30	<=38.45	Pass
			39	21.40	-3.91	15.34	<=38.45	Pass
	75		0	21.30	-3.91	15.24	<=38.45	Pass
	256QAM	831.5	1	0	18.31	-3.91	12.25	<=38.45
38				18.32	-3.91	12.26	<=38.45	Pass
74				18.22	-3.91	12.16	<=38.45	Pass
36			0	19.03	-3.91	12.97	<=38.45	Pass
			18	18.02	-3.91	11.96	<=38.45	Pass
			39	18.12	-3.91	12.06	<=38.45	Pass
75			0	18.72	-3.91	12.66	<=38.45	Pass
836.5		1	0	19.58	-3.91	13.52	<=38.45	Pass
			38	16.61	-3.91	10.55	<=38.45	Pass
			74	19.35	-3.91	13.29	<=38.45	Pass
		36	0	18.30	-3.91	12.24	<=38.45	Pass
			18	17.93	-3.91	11.87	<=38.45	Pass
			39	18.45	-3.91	12.39	<=38.45	Pass
		75	0	18.39	-3.91	12.33	<=38.45	Pass
841.5		1	0	18.47	-3.91	12.41	<=38.45	Pass
			38	18.41	-3.91	12.35	<=38.45	Pass
			74	18.67	-3.91	12.61	<=38.45	Pass
		36	0	17.70	-3.91	11.64	<=38.45	Pass
			18	18.43	-3.91	12.37	<=38.45	Pass
			39	18.92	-3.91	12.86	<=38.45	Pass
		75	0	18.26	-3.91	12.20	<=38.45	Pass
	Note1: ERP=Conducted Power+Antenna Gain-2.15							

2. Frequency Stability

2.1 Test Result

2.1.1 B26b_15MHz

Band: 26b / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	831.5	75	0	20	3.7	-2.400	-0.0029	-2.5 to 2.5	Pass
					3.91	-2.500	-0.0030	-2.5 to 2.5	Pass
					4.4	-2.100	-0.0025	-2.5 to 2.5	Pass
				-30	3.91	-1.100	-0.0013	-2.5 to 2.5	Pass
				-20	3.91	-0.700	-0.0008	-2.5 to 2.5	Pass
				-10	3.91	1.000	0.0012	-2.5 to 2.5	Pass
				0	3.91	0.700	0.0008	-2.5 to 2.5	Pass
				10	3.91	0.500	0.0006	-2.5 to 2.5	Pass
				30	3.91	0.500	0.0006	-2.5 to 2.5	Pass
				40	3.91	-1.000	-0.0012	-2.5 to 2.5	Pass
				50	3.91	0.500	0.0006	-2.5 to 2.5	Pass
	836.5	75	0	20	3.7	-0.600	-0.0007	-2.5 to 2.5	Pass
					3.91	-1.600	-0.0019	-2.5 to 2.5	Pass
					4.4	-1.600	-0.0019	-2.5 to 2.5	Pass
				-30	3.91	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.91	-0.900	-0.0011	-2.5 to 2.5	Pass
				-10	3.91	-2.500	-0.0030	-2.5 to 2.5	Pass
				0	3.91	-0.500	-0.0006	-2.5 to 2.5	Pass
				10	3.91	-0.600	-0.0007	-2.5 to 2.5	Pass
				30	3.91	-1.400	-0.0017	-2.5 to 2.5	Pass
				40	3.91	-0.600	-0.0007	-2.5 to 2.5	Pass
				50	3.91	0.000	0.0000	-2.5 to 2.5	Pass
	841.5	75	0	20	3.7	-0.600	-0.0007	-2.5 to 2.5	Pass
					3.91	0.200	0.0002	-2.5 to 2.5	Pass
					4.4	-1.000	-0.0012	-2.5 to 2.5	Pass
				-30	3.91	0.900	0.0011	-2.5 to 2.5	Pass
				-20	3.91	-0.500	-0.0006	-2.5 to 2.5	Pass
				-10	3.91	0.600	0.0007	-2.5 to 2.5	Pass
				0	3.91	-0.700	-0.0008	-2.5 to 2.5	Pass
				10	3.91	0.800	0.0010	-2.5 to 2.5	Pass
				30	3.91	-1.000	-0.0012	-2.5 to 2.5	Pass
				40	3.91	-1.100	-0.0013	-2.5 to 2.5	Pass
16QAM	831.5	75	0	20	3.7	0.600	0.0007	-2.5 to 2.5	Pass
					3.91	-0.200	-0.0002	-2.5 to 2.5	Pass
					4.4	-1.500	-0.0018	-2.5 to 2.5	Pass
				-30	3.91	-1.000	-0.0012	-2.5 to 2.5	Pass
				-20	3.91	-0.700	-0.0008	-2.5 to 2.5	Pass
				-10	3.91	0.400	0.0005	-2.5 to 2.5	Pass
				0	3.91	-1.600	-0.0019	-2.5 to 2.5	Pass
				10	3.91	-1.100	-0.0013	-2.5 to 2.5	Pass
				30	3.91	-0.500	-0.0006	-2.5 to 2.5	Pass
				40	3.91	-0.800	-0.0010	-2.5 to 2.5	Pass
				50	3.91	0.000	0.0000	-2.5 to 2.5	Pass
	836.5	75	0	20	3.7	-1.000	-0.0012	-2.5 to 2.5	Pass
					3.91	-1.900	-0.0023	-2.5 to 2.5	Pass
					4.4	-0.500	-0.0006	-2.5 to 2.5	Pass
				-30	3.91	-0.800	-0.0010	-2.5 to 2.5	Pass
				-20	3.91	0.700	0.0008	-2.5 to 2.5	Pass
				-10	3.91	-0.700	-0.0008	-2.5 to 2.5	Pass
				0	3.91	-1.000	-0.0012	-2.5 to 2.5	Pass

				10	3.91	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.91	-1.300	-0.0016	-2.5 to 2.5	Pass
				40	3.91	-0.300	-0.0004	-2.5 to 2.5	Pass
				50	3.91	-2.200	-0.0026	-2.5 to 2.5	Pass
	841.5	75	0	20	3.7	-0.300	-0.0004	-2.5 to 2.5	Pass
					3.91	-0.300	-0.0004	-2.5 to 2.5	Pass
					4.4	-1.100	-0.0013	-2.5 to 2.5	Pass
				-30	3.91	-1.000	-0.0012	-2.5 to 2.5	Pass
				-20	3.91	-0.600	-0.0007	-2.5 to 2.5	Pass
				-10	3.91	-0.700	-0.0008	-2.5 to 2.5	Pass
				0	3.91	-1.100	-0.0013	-2.5 to 2.5	Pass
				10	3.91	-0.600	-0.0007	-2.5 to 2.5	Pass
				30	3.91	1.000	0.0012	-2.5 to 2.5	Pass
				40	3.91	0.900	0.0011	-2.5 to 2.5	Pass
				50	3.91	0.200	0.0002	-2.5 to 2.5	Pass
64QAM	831.5	75	0	20	3.7	-6.000	-0.0072	-2.5 to 2.5	Pass
					3.91	-12.500	-0.0150	-2.5 to 2.5	Pass
					4.4	1.300	0.0016	-2.5 to 2.5	Pass
				-30	3.91	-1.800	-0.0022	-2.5 to 2.5	Pass
				-20	3.91	1.100	0.0013	-2.5 to 2.5	Pass
				-10	3.91	-11.500	-0.0138	-2.5 to 2.5	Pass
				0	3.91	13.300	0.0160	-2.5 to 2.5	Pass
				10	3.91	9.300	0.0112	-2.5 to 2.5	Pass
				30	3.91	13.900	0.0167	-2.5 to 2.5	Pass
				40	3.91	-5.700	-0.0069	-2.5 to 2.5	Pass
				50	3.91	17.300	0.0208	-2.5 to 2.5	Pass
	836.5	75	0	20	3.7	1.700	0.0020	-2.5 to 2.5	Pass
					3.91	1.700	0.0020	-2.5 to 2.5	Pass
					4.4	5.600	0.0067	-2.5 to 2.5	Pass
				-30	3.91	0.700	0.0008	-2.5 to 2.5	Pass
				-20	3.91	-13.200	-0.0158	-2.5 to 2.5	Pass
				-10	3.91	-5.500	-0.0066	-2.5 to 2.5	Pass
				0	3.91	-16.700	-0.0200	-2.5 to 2.5	Pass
				10	3.91	3.600	0.0043	-2.5 to 2.5	Pass
				30	3.91	18.000	0.0215	-2.5 to 2.5	Pass
				40	3.91	0.400	0.0005	-2.5 to 2.5	Pass
				50	3.91	-14.900	-0.0178	-2.5 to 2.5	Pass
	841.5	75	0	20	3.7	8.100	0.0096	-2.5 to 2.5	Pass
					3.91	-3.400	-0.0040	-2.5 to 2.5	Pass
					4.4	-3.100	-0.0037	-2.5 to 2.5	Pass
				-30	3.91	8.200	0.0097	-2.5 to 2.5	Pass
				-20	3.91	-1.500	-0.0018	-2.5 to 2.5	Pass
				-10	3.91	-4.600	-0.0055	-2.5 to 2.5	Pass
				0	3.91	5.800	0.0069	-2.5 to 2.5	Pass
				10	3.91	-14.600	-0.0173	-2.5 to 2.5	Pass
				30	3.91	7.000	0.0083	-2.5 to 2.5	Pass
				40	3.91	2.000	0.0024	-2.5 to 2.5	Pass
				50	3.91	-20.400	-0.0242	-2.5 to 2.5	Pass
256QAM	831.5	75	0	20	3.7	-0.300	-0.0004	-2.5 to 2.5	Pass
					3.91	-0.400	-0.0005	-2.5 to 2.5	Pass
					4.4	-0.200	-0.0002	-2.5 to 2.5	Pass
				-30	3.91	-0.200	-0.0002	-2.5 to 2.5	Pass
				-20	3.91	1.400	0.0017	-2.5 to 2.5	Pass
				-10	3.91	-0.500	-0.0006	-2.5 to 2.5	Pass
				0	3.91	0.400	0.0005	-2.5 to 2.5	Pass
				10	3.91	0.400	0.0005	-2.5 to 2.5	Pass
				30	3.91	-1.500	-0.0018	-2.5 to 2.5	Pass
				40	3.91	-0.100	-0.0001	-2.5 to 2.5	Pass
				50	3.91	-0.500	-0.0006	-2.5 to 2.5	Pass

	836.5	75	0	20	3.7	-2.100	-0.0025	-2.5 to 2.5	Pass
					3.91	-0.200	-0.0002	-2.5 to 2.5	Pass
					4.4	0.500	0.0006	-2.5 to 2.5	Pass
				-30	3.91	-1.400	-0.0017	-2.5 to 2.5	Pass
				-20	3.91	-1.100	-0.0013	-2.5 to 2.5	Pass
				-10	3.91	-2.400	-0.0029	-2.5 to 2.5	Pass
				0	3.91	-0.300	-0.0004	-2.5 to 2.5	Pass
				10	3.91	-1.200	-0.0014	-2.5 to 2.5	Pass
				30	3.91	-1.800	-0.0022	-2.5 to 2.5	Pass
				40	3.91	0.100	0.0001	-2.5 to 2.5	Pass
	841.5	75	0	50	3.91	-0.600	-0.0007	-2.5 to 2.5	Pass
				20	3.7	-1.500	-0.0018	-2.5 to 2.5	Pass
					3.91	-1.300	-0.0015	-2.5 to 2.5	Pass
					4.4	0.700	0.0008	-2.5 to 2.5	Pass
				-30	3.91	0.100	0.0001	-2.5 to 2.5	Pass
				-20	3.91	-0.400	-0.0005	-2.5 to 2.5	Pass
				-10	3.91	-0.300	-0.0004	-2.5 to 2.5	Pass
				0	3.91	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.91	0.500	0.0006	-2.5 to 2.5	Pass
				30	3.91	-2.200	-0.0026	-2.5 to 2.5	Pass
				40	3.91	0.200	0.0002	-2.5 to 2.5	Pass
				50	3.91	-1.500	-0.0018	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band26b_OBW

Band: 26b / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.125	/	Pass
		836.5	6	0	1.121	/	Pass
		848.3	6	0	1.122	/	Pass
	16QAM	824.7	6	0	1.127	/	Pass
		836.5	6	0	1.129	/	Pass
		848.3	6	0	1.133	/	Pass
	64QAM	824.7	6	0	1.126	/	Pass
		836.5	6	0	1.119	/	Pass
		848.3	6	0	1.127	/	Pass
	256QAM	824.7	6	0	1.124	/	Pass
		836.5	6	0	1.120	/	Pass
		848.3	6	0	1.111	/	Pass
3	QPSK	825.5	15	0	2.746	/	Pass
		836.5	15	0	2.751	/	Pass
		847.5	15	0	2.729	/	Pass
	16QAM	825.5	15	0	2.736	/	Pass
		836.5	15	0	2.736	/	Pass
		847.5	15	0	2.736	/	Pass
	64QAM	825.5	15	0	2.748	/	Pass
		836.5	15	0	2.739	/	Pass
		847.5	15	0	2.736	/	Pass
	256QAM	825.5	15	0	2.738	/	Pass
		836.5	15	0	2.739	/	Pass
		847.5	15	0	2.741	/	Pass

5	QPSK	826.5	25	0	4.563	/	Pass
		836.5	25	0	4.577	/	Pass
		846.5	25	0	4.554	/	Pass
	16QAM	826.5	25	0	4.569	/	Pass
		836.5	25	0	4.556	/	Pass
		846.5	25	0	4.550	/	Pass
	64QAM	826.5	25	0	4.534	/	Pass
		836.5	25	0	4.560	/	Pass
		846.5	25	0	4.520	/	Pass
	256QAM	826.5	25	0	4.573	/	Pass
		836.5	25	0	4.559	/	Pass
		846.5	25	0	4.550	/	Pass
10	QPSK	829	50	0	9.047	/	Pass
		836.5	50	0	9.118	/	Pass
		844	50	0	9.024	/	Pass
	16QAM	829	50	0	9.037	/	Pass
		836.5	50	0	9.126	/	Pass
		844	50	0	9.016	/	Pass
	64QAM	829	50	0	9.017	/	Pass
		836.5	50	0	9.120	/	Pass
		844	50	0	9.023	/	Pass
	256QAM	829	50	0	9.049	/	Pass
		836.5	50	0	9.077	/	Pass
		844	50	0	9.013	/	Pass
15	QPSK	831.5	75	0	13.581	/	Pass
		836.5	75	0	13.716	/	Pass
		841.5	75	0	13.602	/	Pass
	16QAM	831.5	75	0	13.558	/	Pass
		836.5	75	0	13.722	/	Pass
		841.5	75	0	13.543	/	Pass
	64QAM	831.5	75	0	13.565	/	Pass
		836.5	75	0	13.686	/	Pass
		841.5	75	0	13.580	/	Pass
	256QAM	831.5	75	0	13.559	/	Pass
		836.5	75	0	13.683	/	Pass
		841.5	75	0	13.549	/	Pass

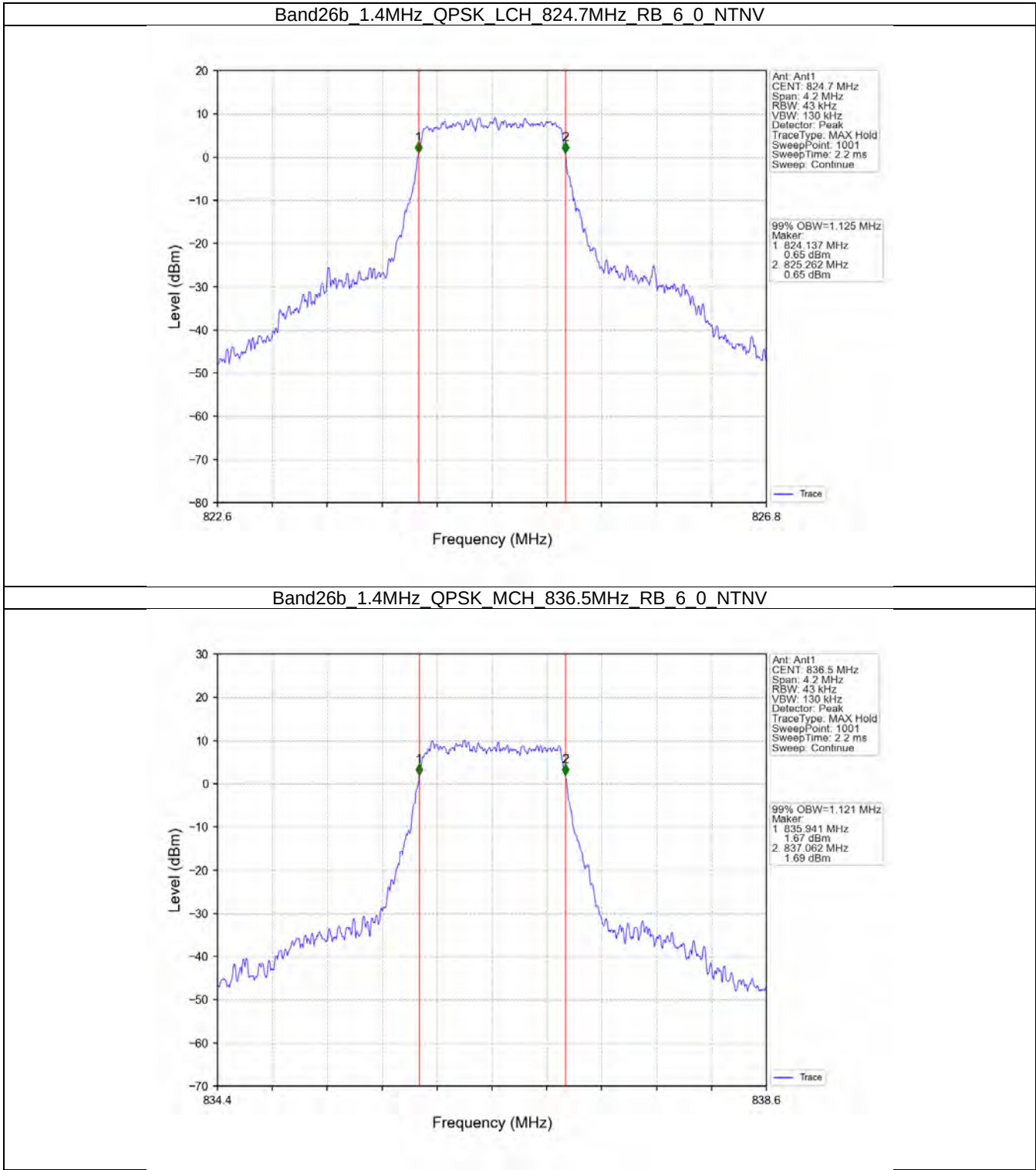
3.1.2 Band26b_XDB

Band: 26b / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.397	/	Pass
		836.5	6	0	1.392	/	Pass
		848.3	6	0	1.388	/	Pass
	16QAM	824.7	6	0	1.420	/	Pass
		836.5	6	0	1.401	/	Pass
		848.3	6	0	1.413	/	Pass
	64QAM	824.7	6	0	1.409	/	Pass
		836.5	6	0	1.399	/	Pass
		848.3	6	0	1.376	/	Pass
	256QAM	824.7	6	0	1.404	/	Pass
		836.5	6	0	1.403	/	Pass
		848.3	6	0	1.355	/	Pass
3	QPSK	825.5	15	0	3.144	/	Pass
		836.5	15	0	3.088	/	Pass
		847.5	15	0	3.127	/	Pass

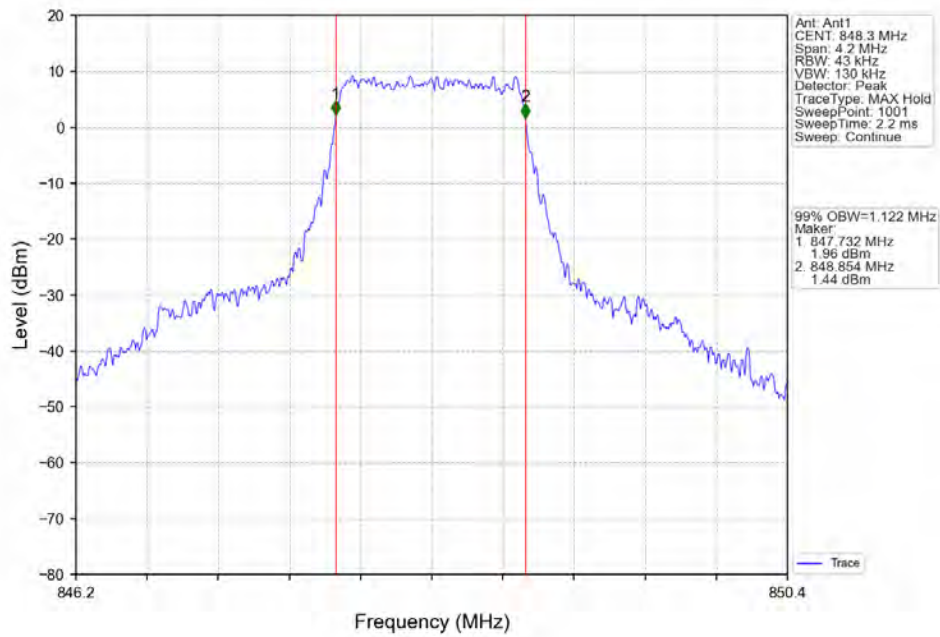
	16QAM	825.5	15	0	3.178	/	Pass
		836.5	15	0	3.102	/	Pass
		847.5	15	0	3.123	/	Pass
	64QAM	825.5	15	0	3.108	/	Pass
		836.5	15	0	3.107	/	Pass
		847.5	15	0	3.158	/	Pass
	256QAM	825.5	15	0	3.141	/	Pass
		836.5	15	0	3.113	/	Pass
		847.5	15	0	3.179	/	Pass
5	QPSK	826.5	25	0	5.195	/	Pass
		836.5	25	0	5.283	/	Pass
		846.5	25	0	5.257	/	Pass
	16QAM	826.5	25	0	5.234	/	Pass
		836.5	25	0	5.265	/	Pass
		846.5	25	0	5.127	/	Pass
	64QAM	826.5	25	0	5.151	/	Pass
		836.5	25	0	5.215	/	Pass
		846.5	25	0	5.175	/	Pass
	256QAM	826.5	25	0	5.282	/	Pass
		836.5	25	0	5.236	/	Pass
		846.5	25	0	5.236	/	Pass
10	QPSK	829	50	0	10.157	/	Pass
		836.5	50	0	10.187	/	Pass
		844	50	0	10.106	/	Pass
	16QAM	829	50	0	10.099	/	Pass
		836.5	50	0	10.288	/	Pass
		844	50	0	9.915	/	Pass
	64QAM	829	50	0	10.172	/	Pass
		836.5	50	0	10.244	/	Pass
		844	50	0	10.125	/	Pass
	256QAM	829	50	0	10.113	/	Pass
		836.5	50	0	10.215	/	Pass
		844	50	0	10.077	/	Pass
15	QPSK	831.5	75	0	15.119	/	Pass
		836.5	75	0	15.379	/	Pass
		841.5	75	0	15.175	/	Pass
	16QAM	831.5	75	0	15.073	/	Pass
		836.5	75	0	15.257	/	Pass
		841.5	75	0	15.070	/	Pass
	64QAM	831.5	75	0	15.099	/	Pass
		836.5	75	0	15.239	/	Pass
		841.5	75	0	14.951	/	Pass
	256QAM	831.5	75	0	15.160	/	Pass
		836.5	75	0	15.352	/	Pass
		841.5	75	0	14.975	/	Pass

3.2 Test Graph

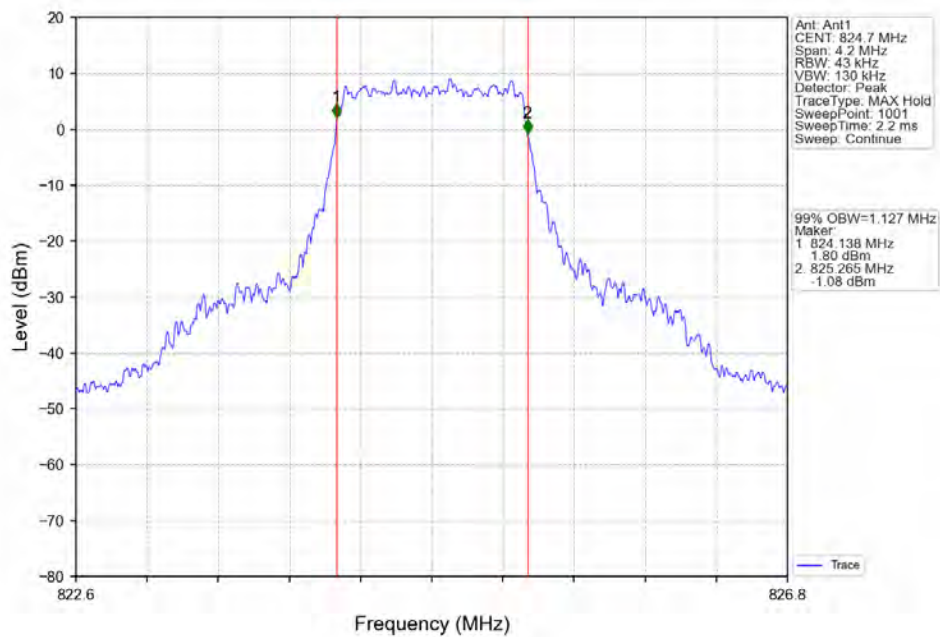
3.2.1 Band26b_OBW



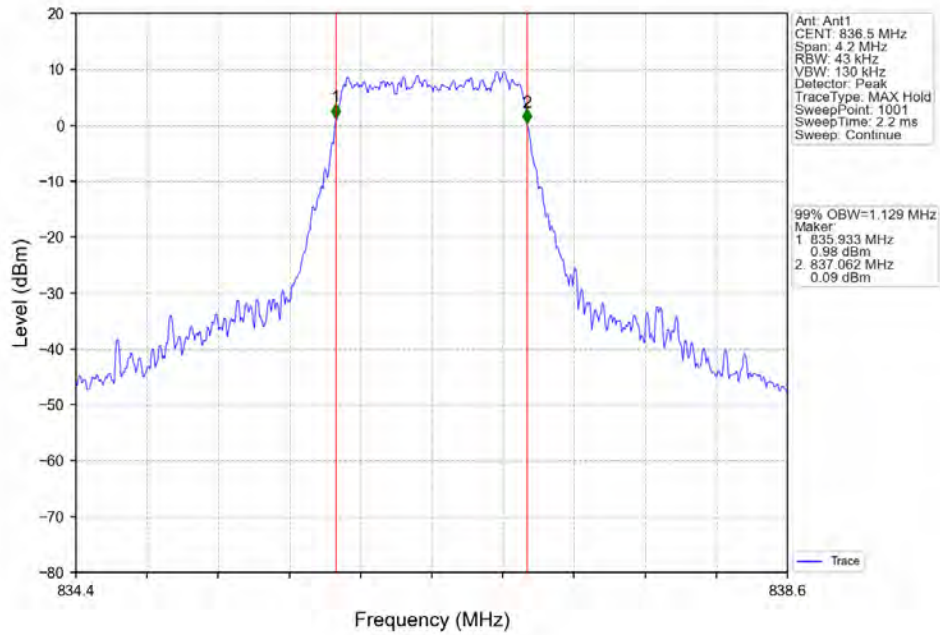
Band26b 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



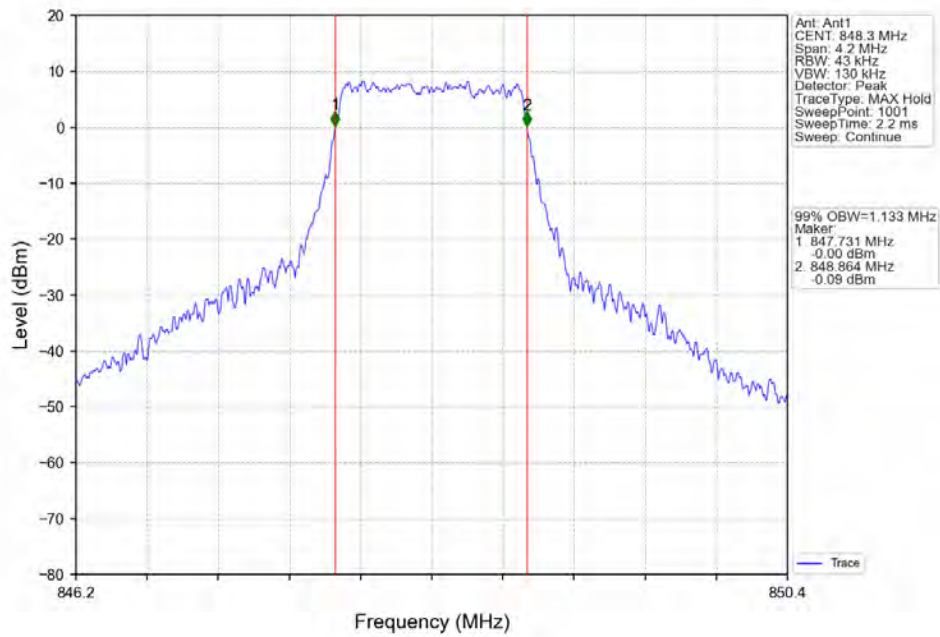
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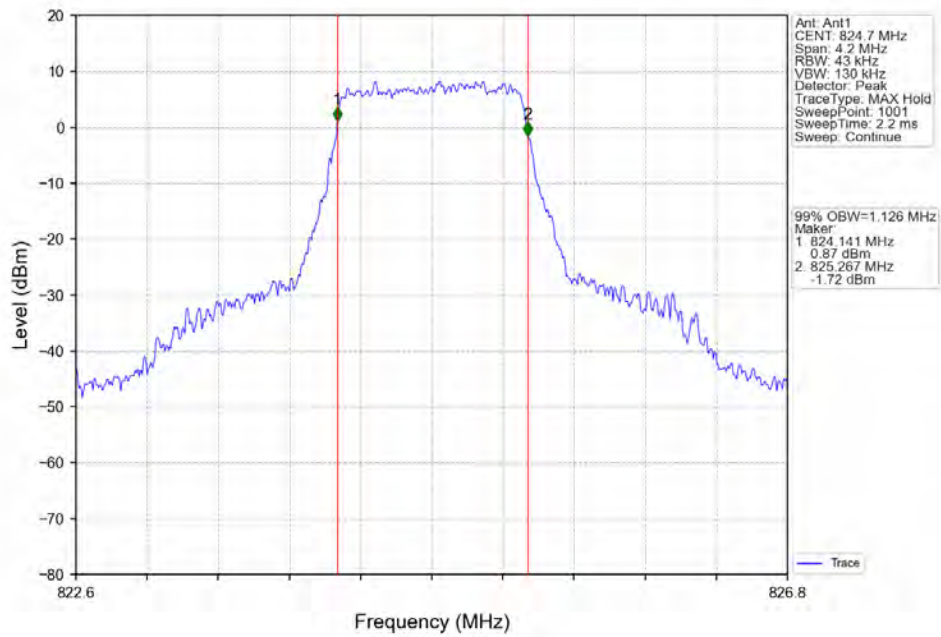
Band26b 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



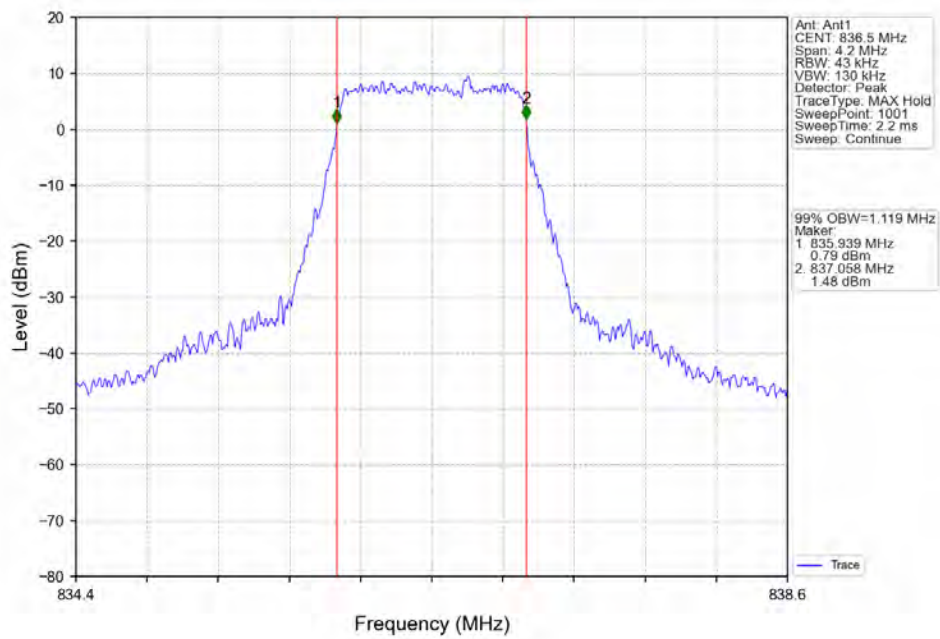
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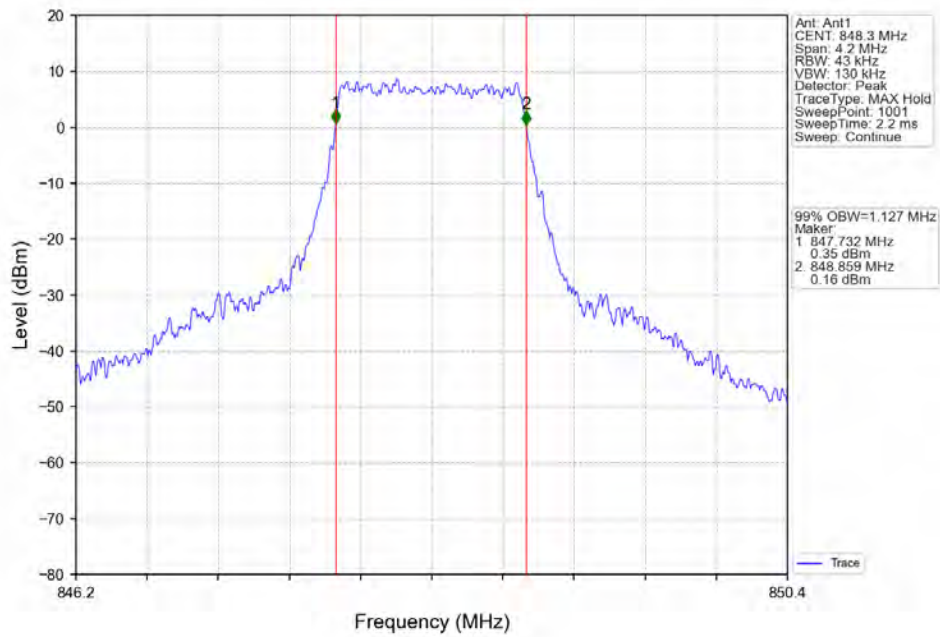
Band26b 1.4MHz 64QAM LCH 824.7MHz RB 6 0 NTNV



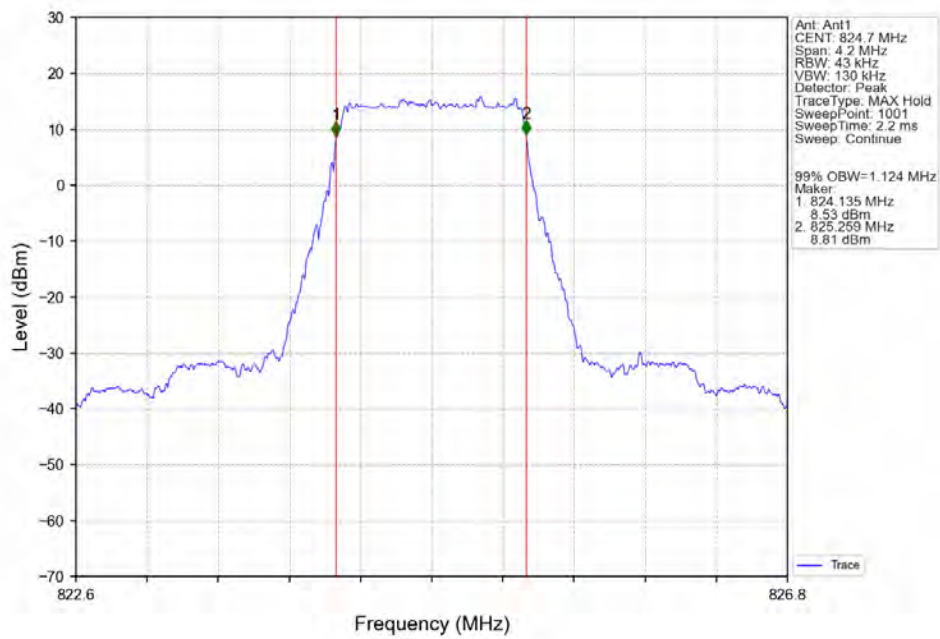
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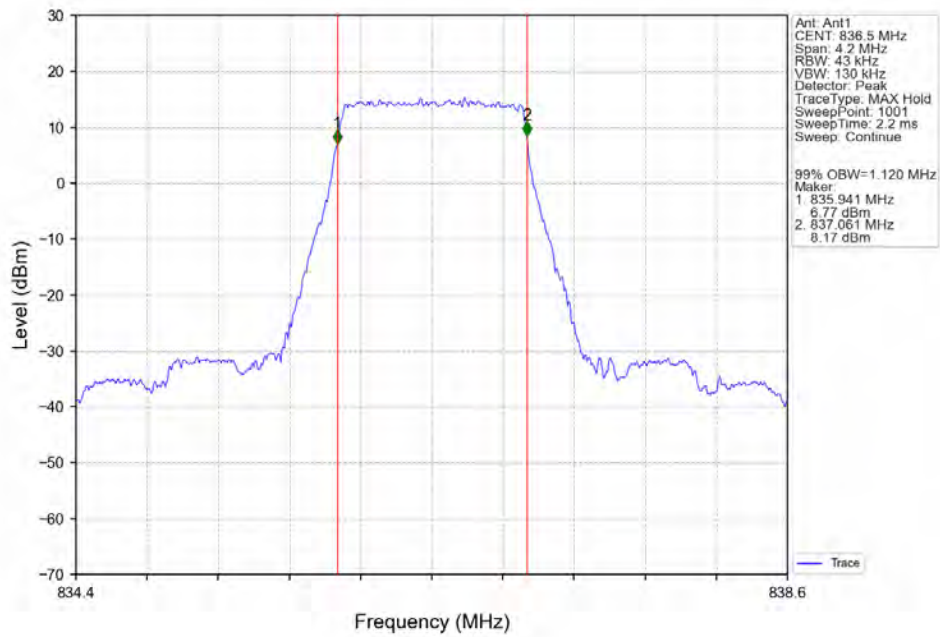
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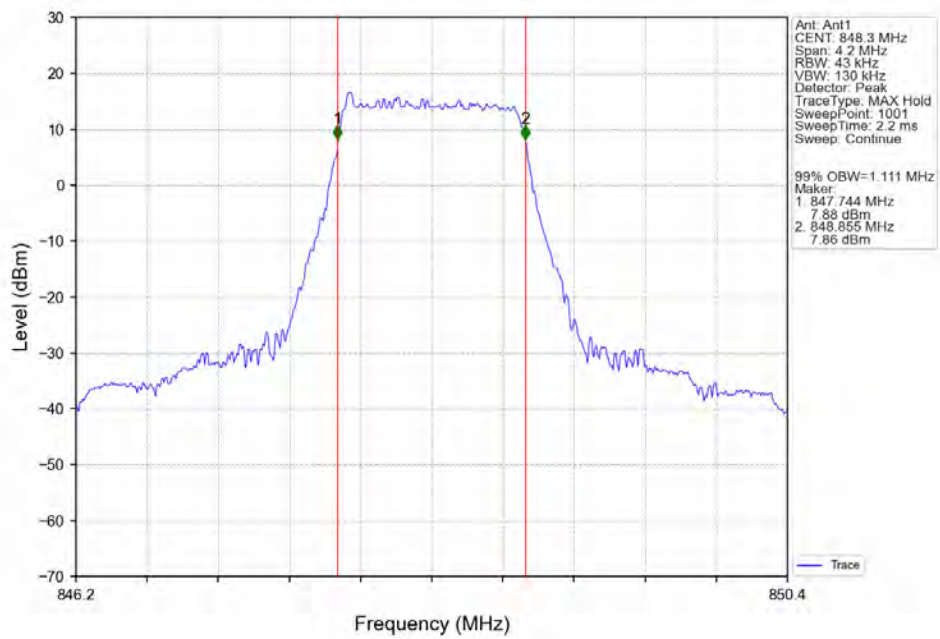
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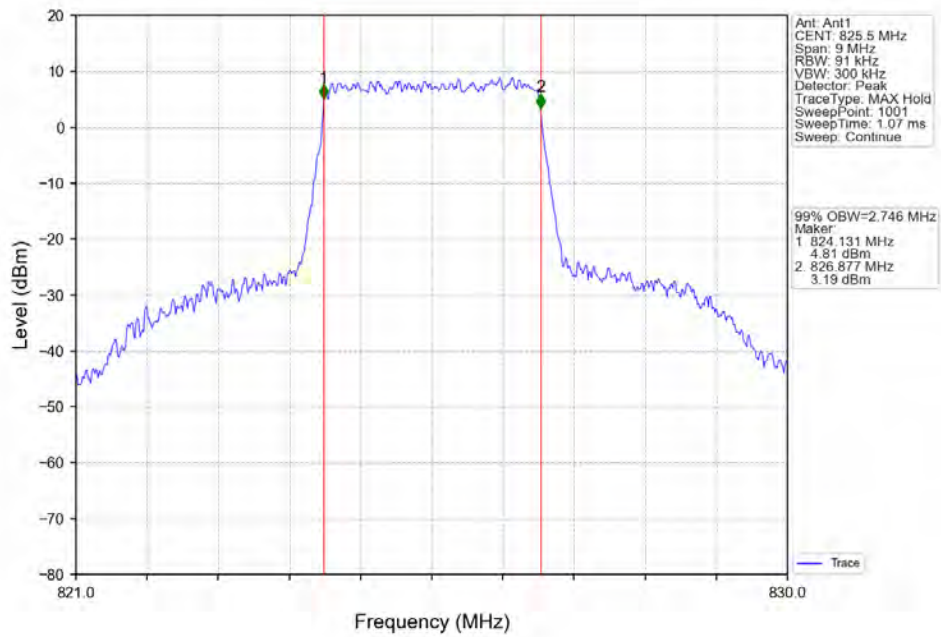
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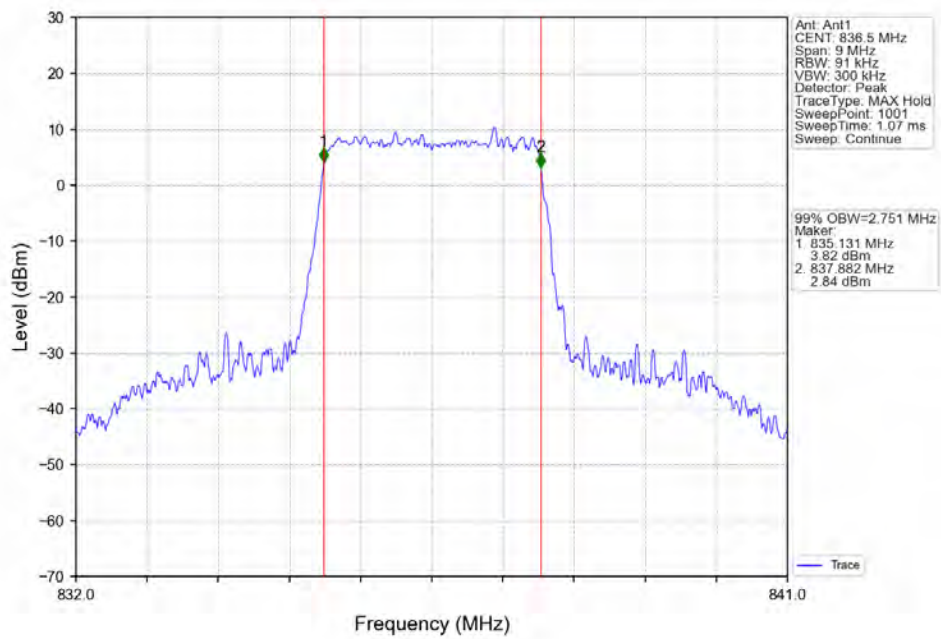
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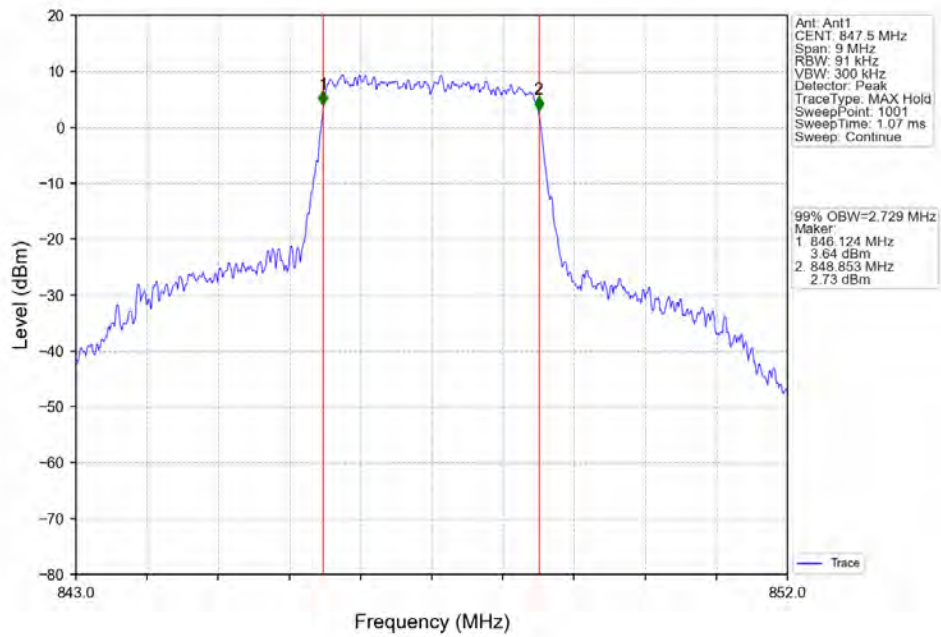
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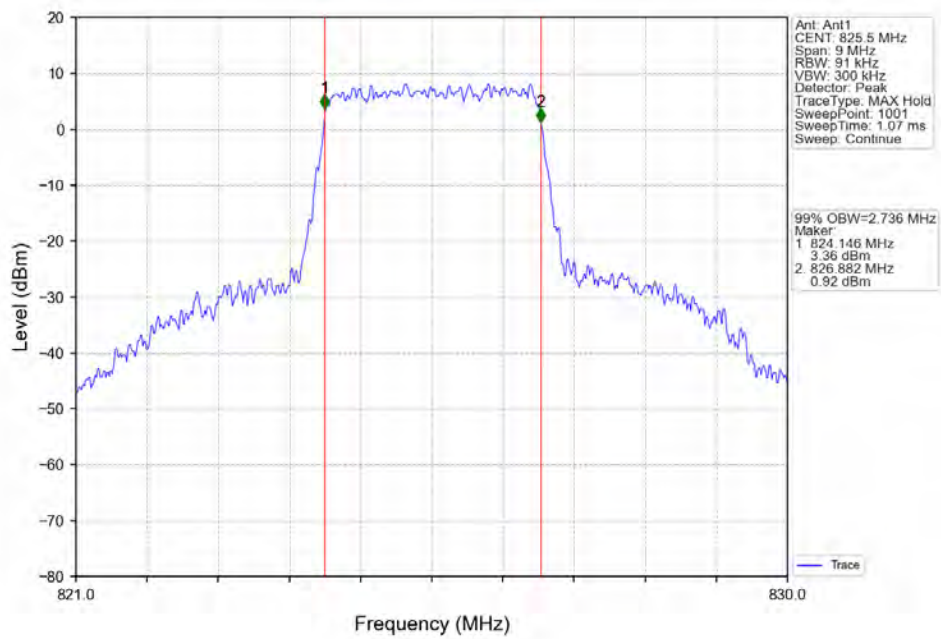
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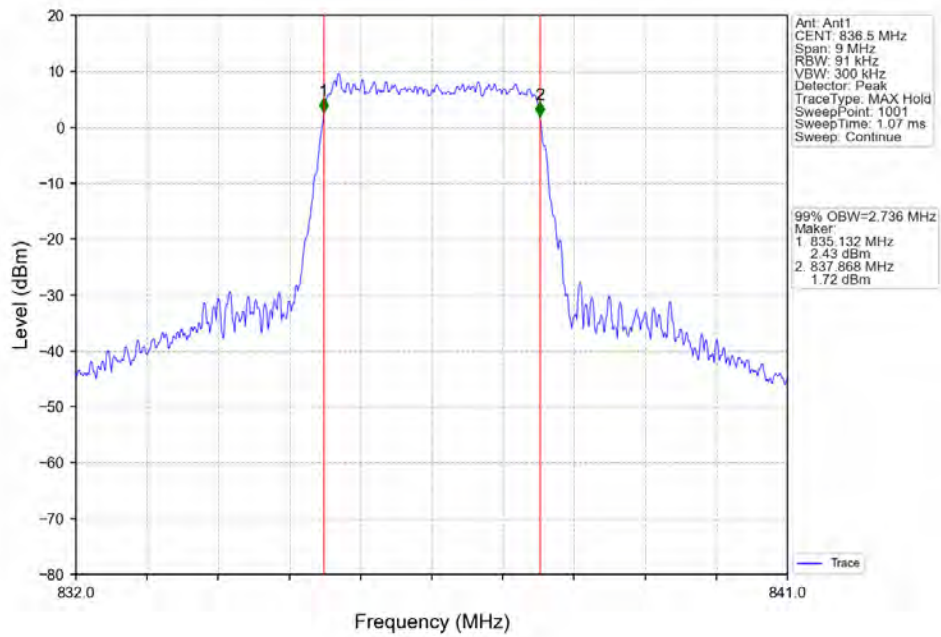
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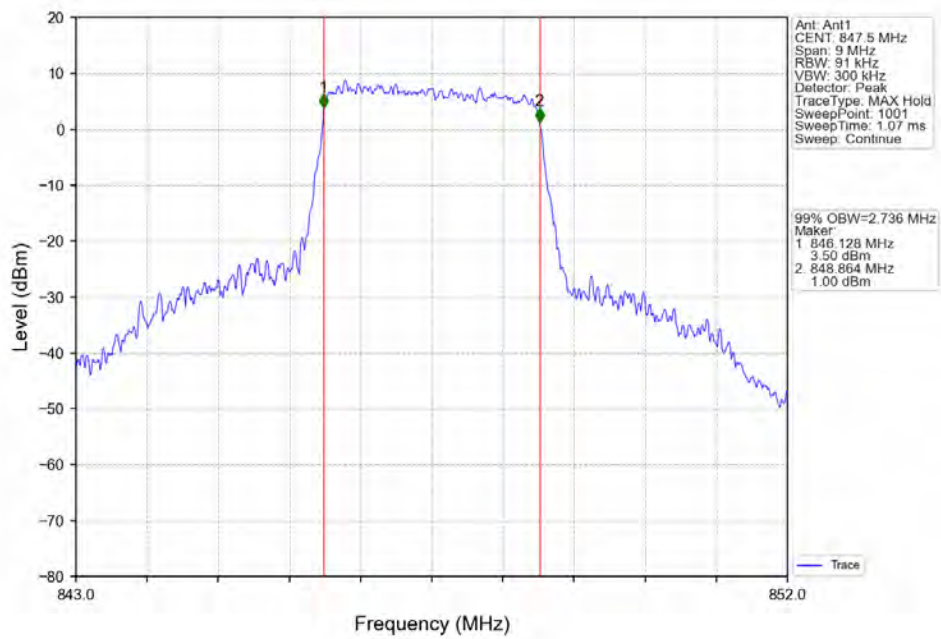
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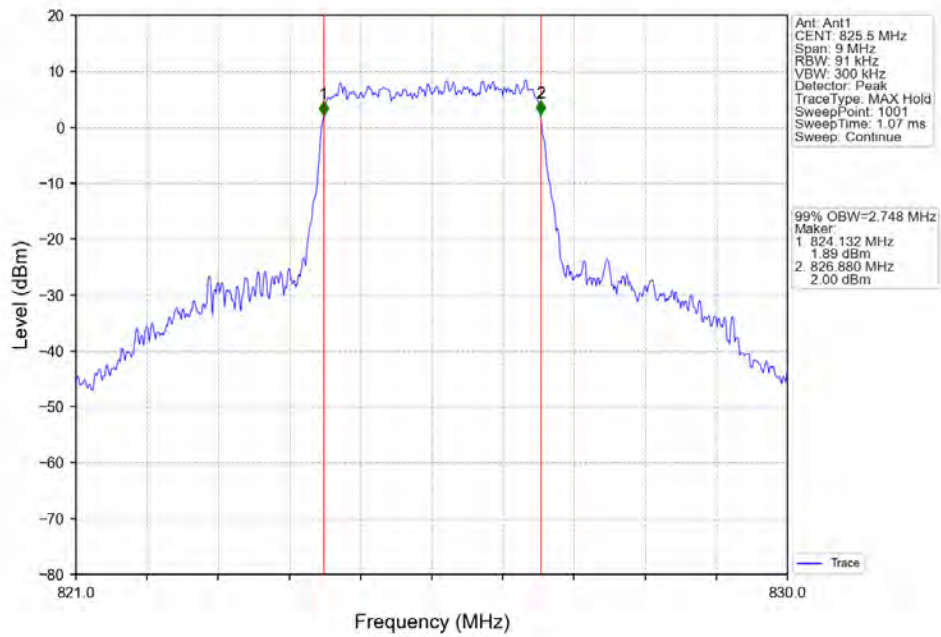
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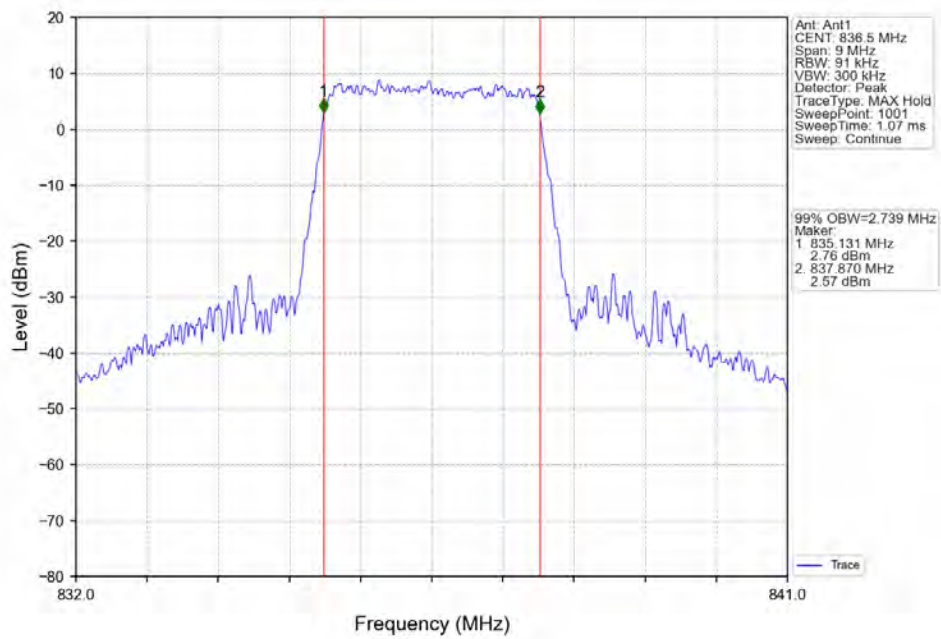
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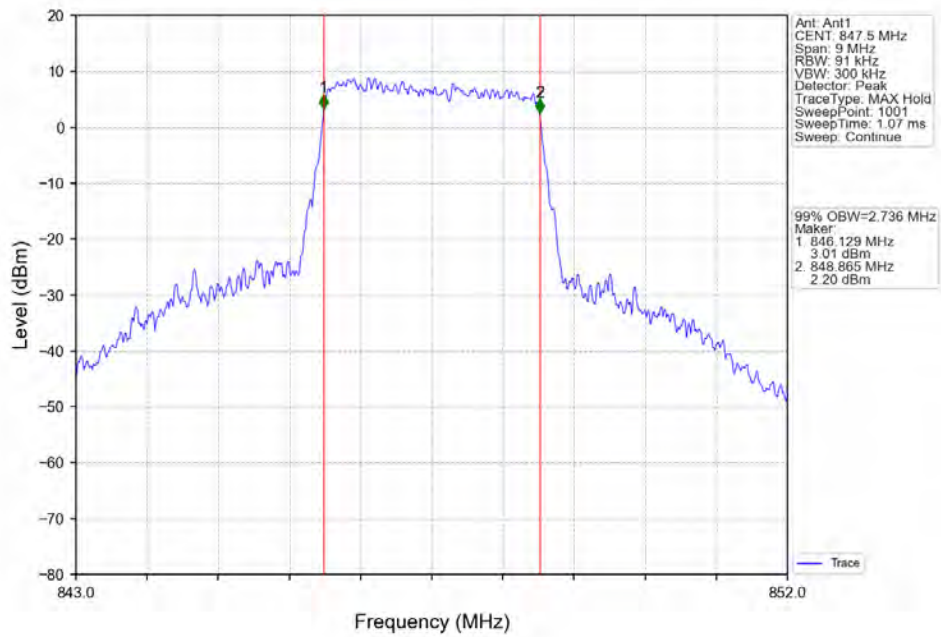
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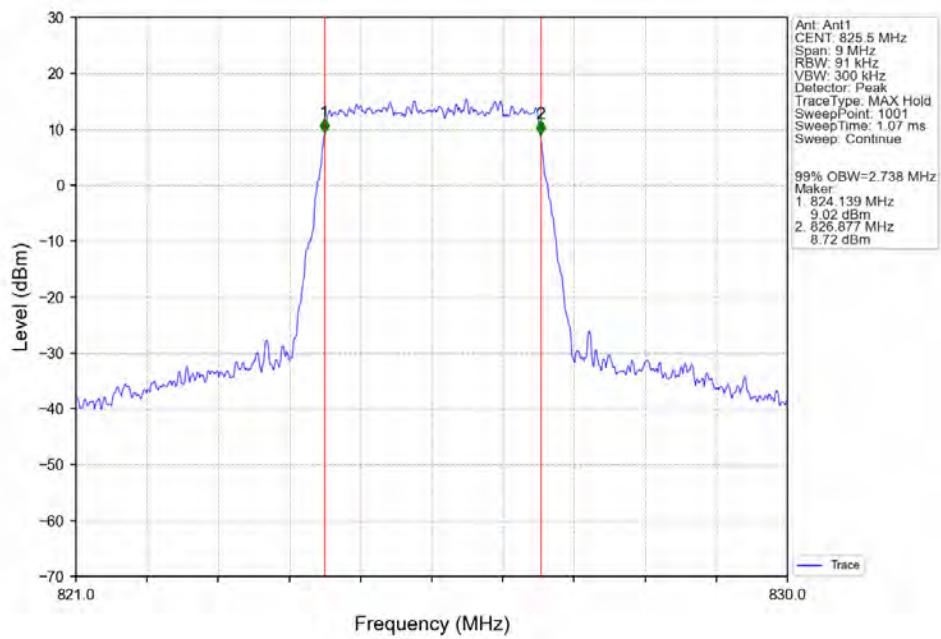
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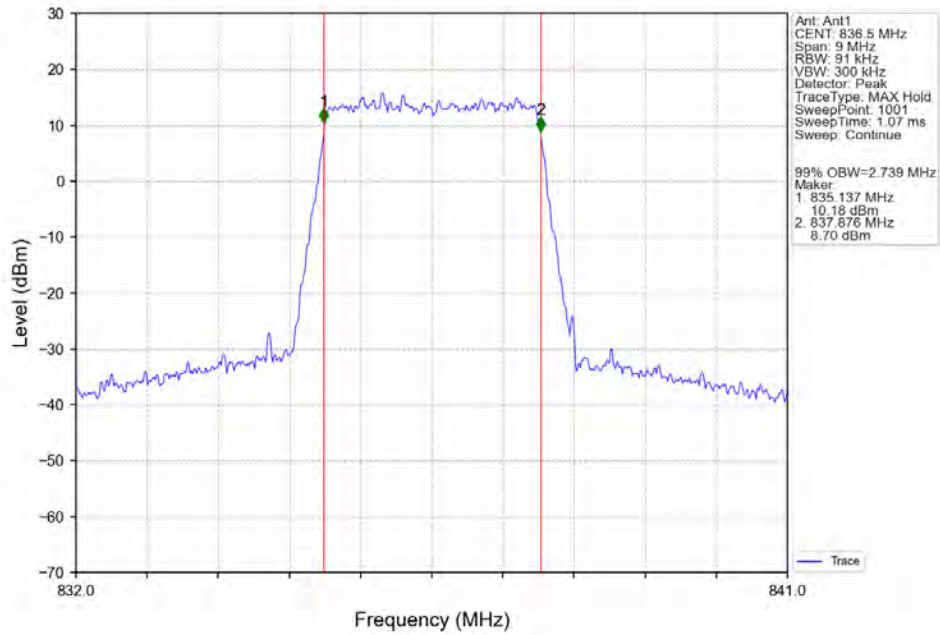
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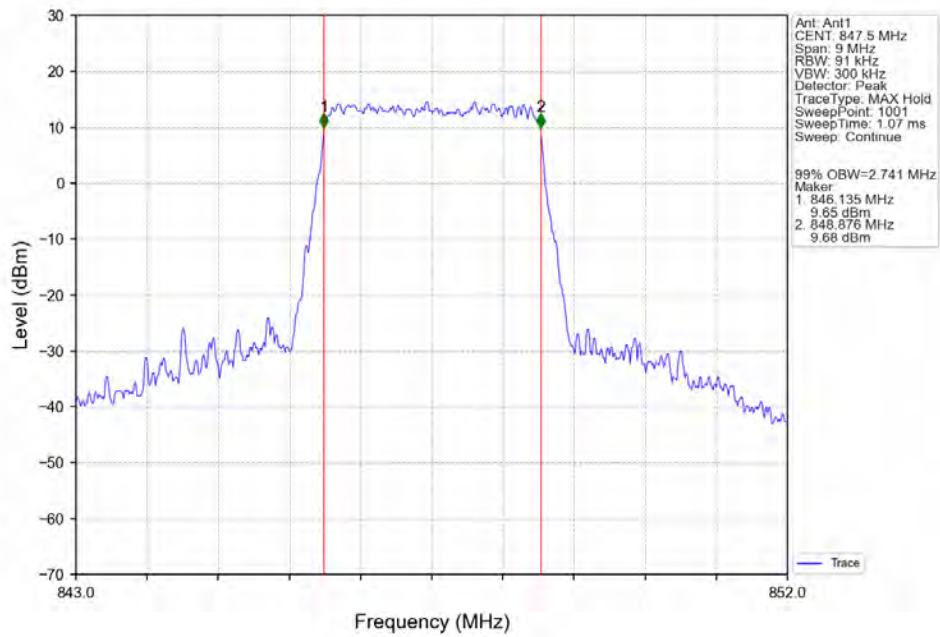
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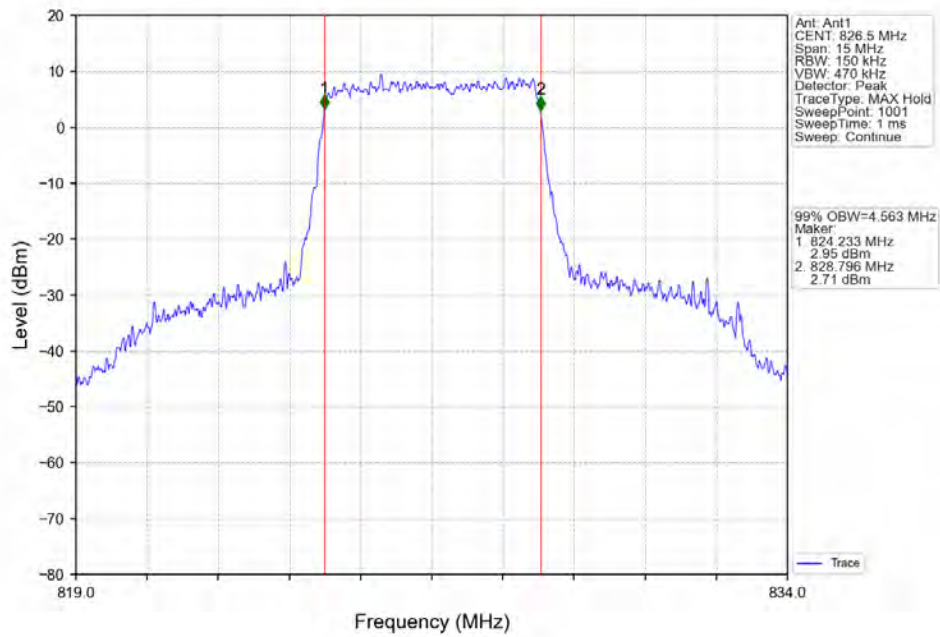
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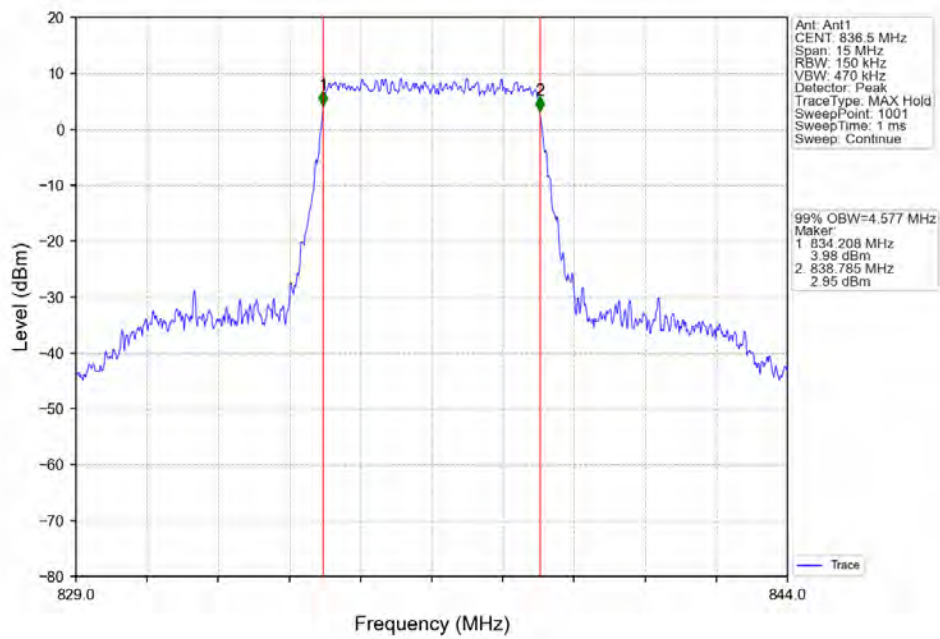
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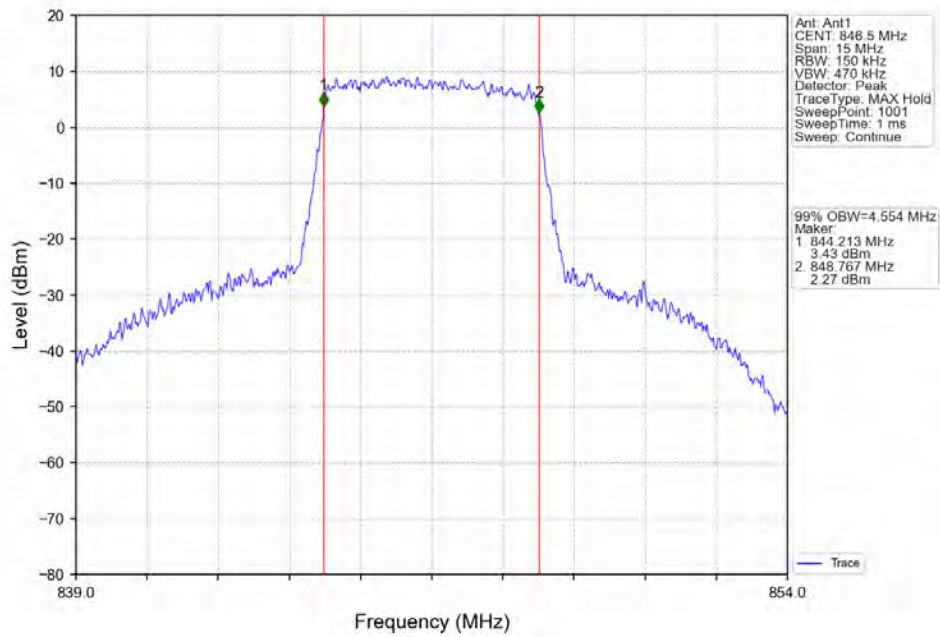
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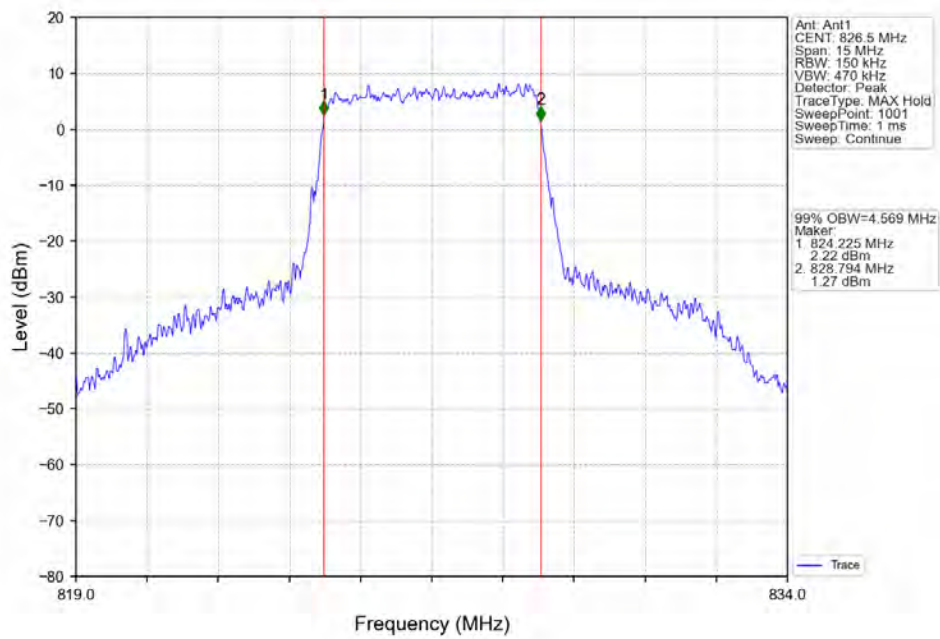
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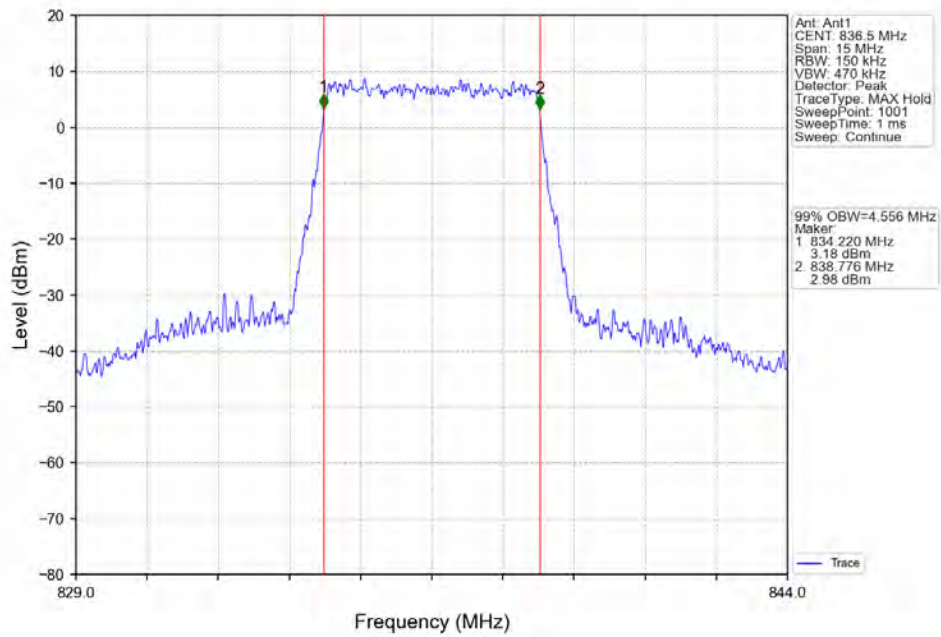
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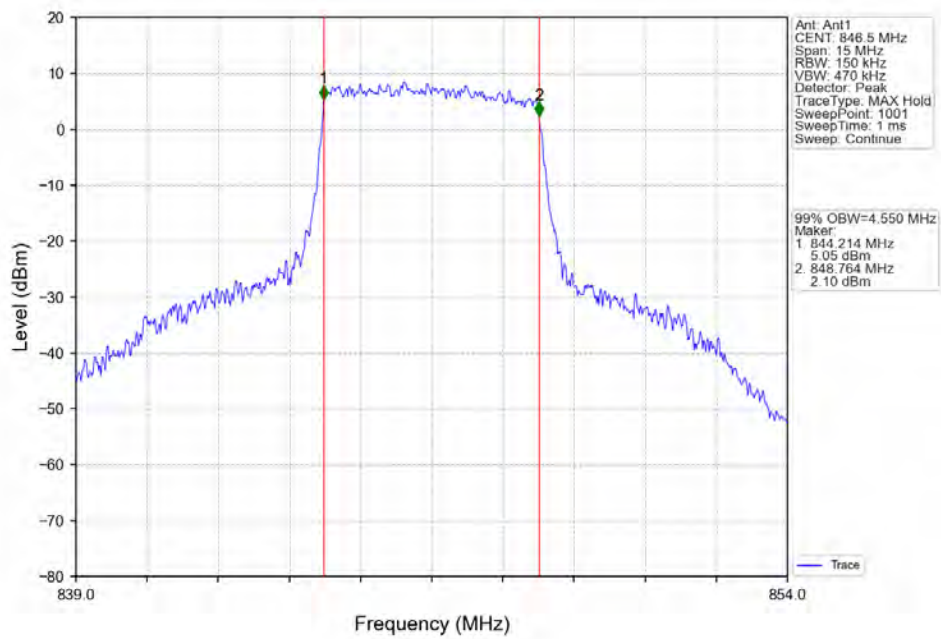
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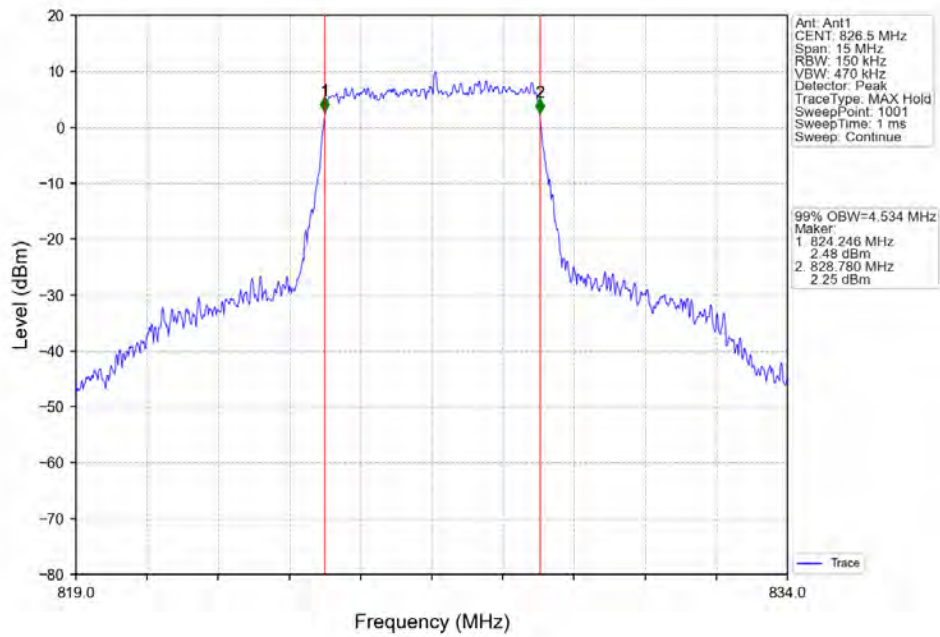
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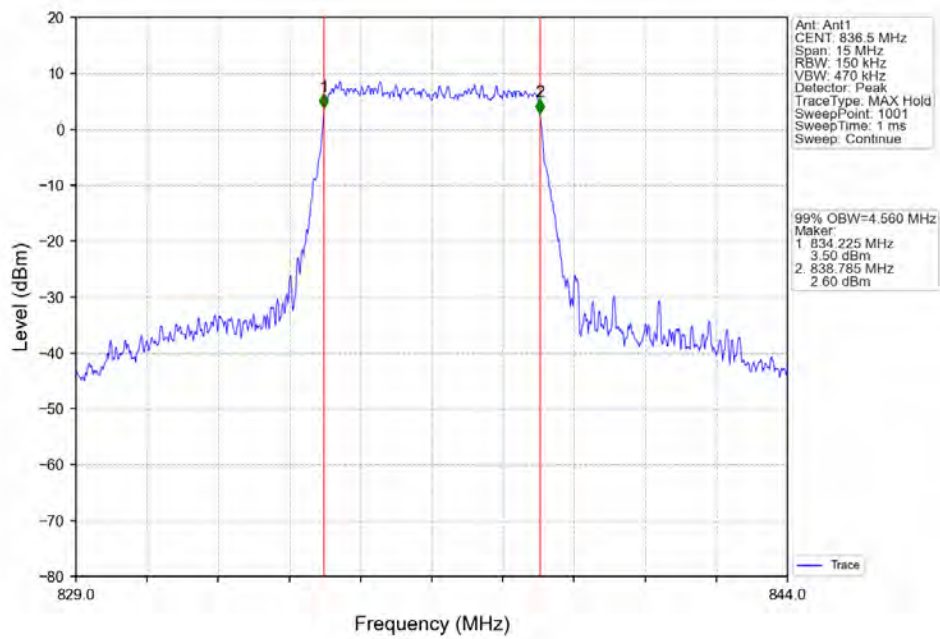
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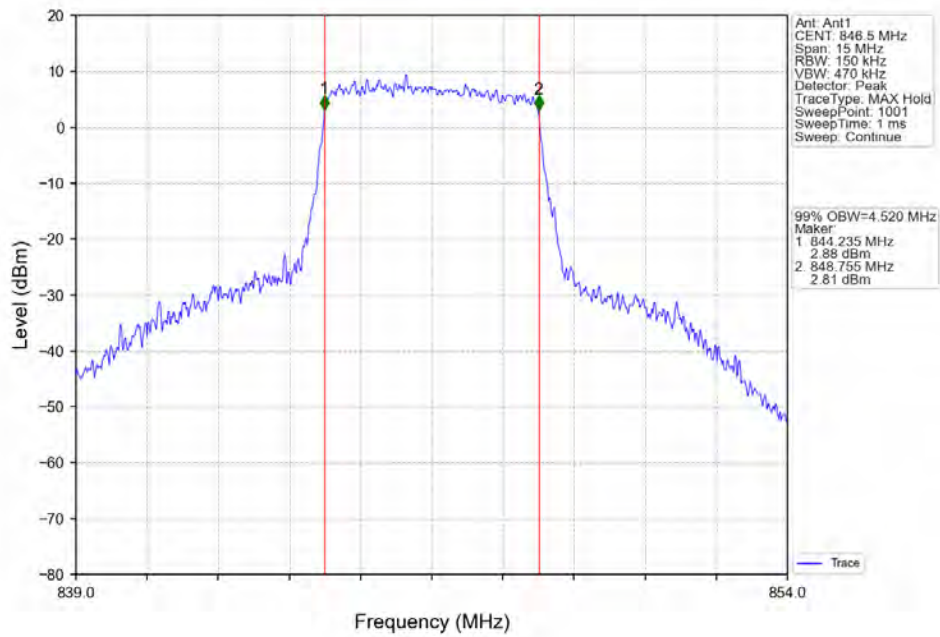
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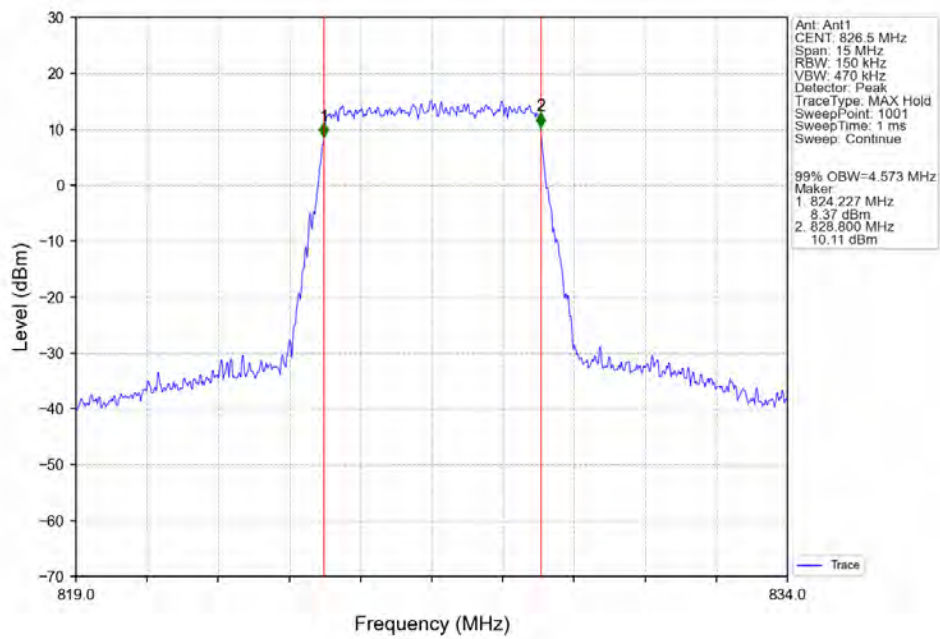
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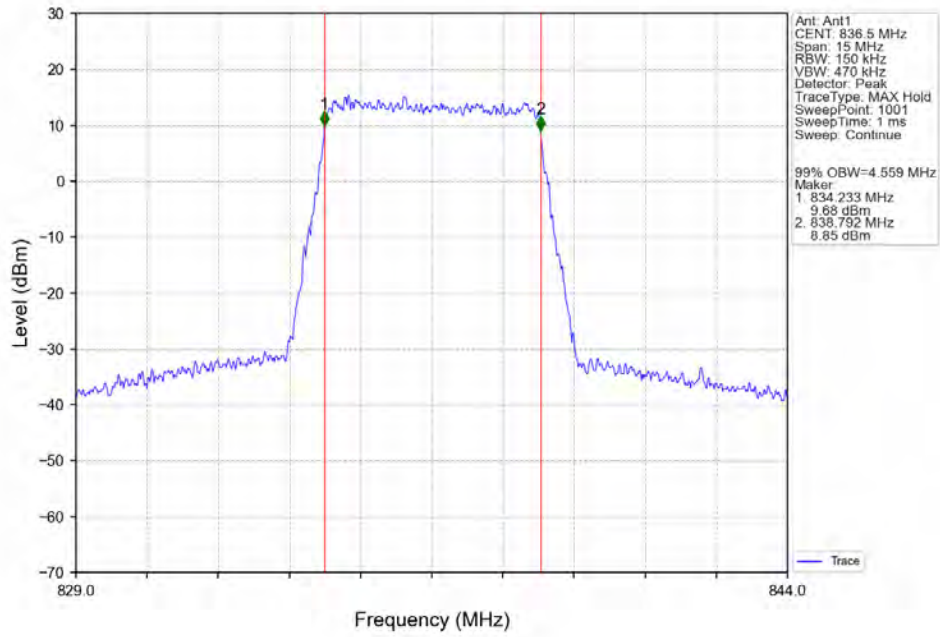
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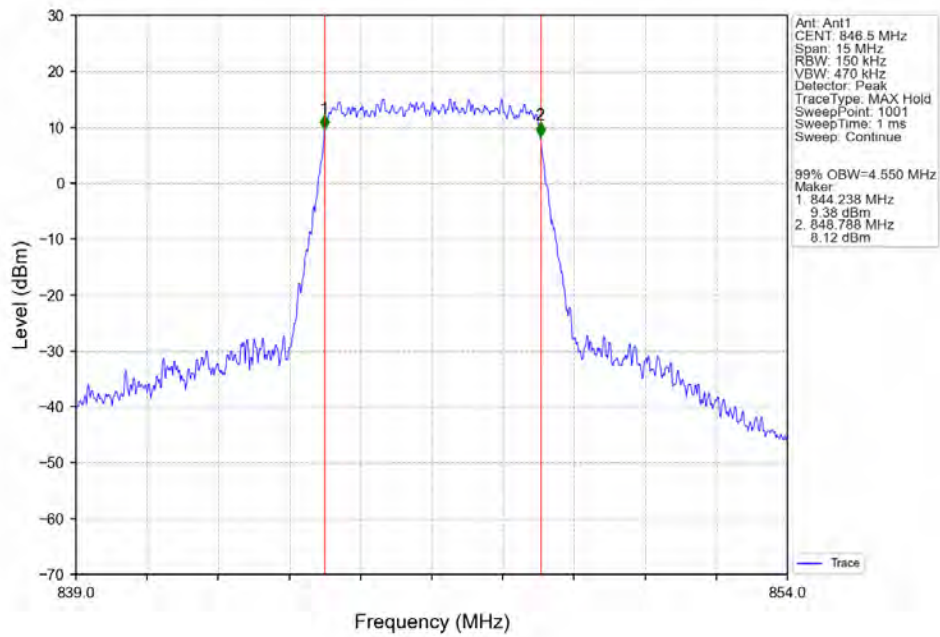
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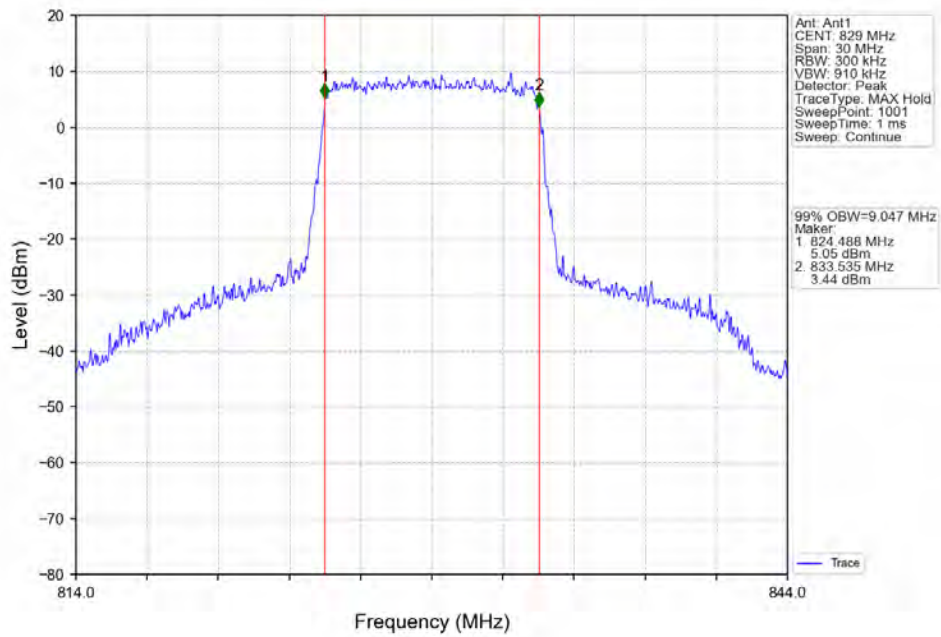
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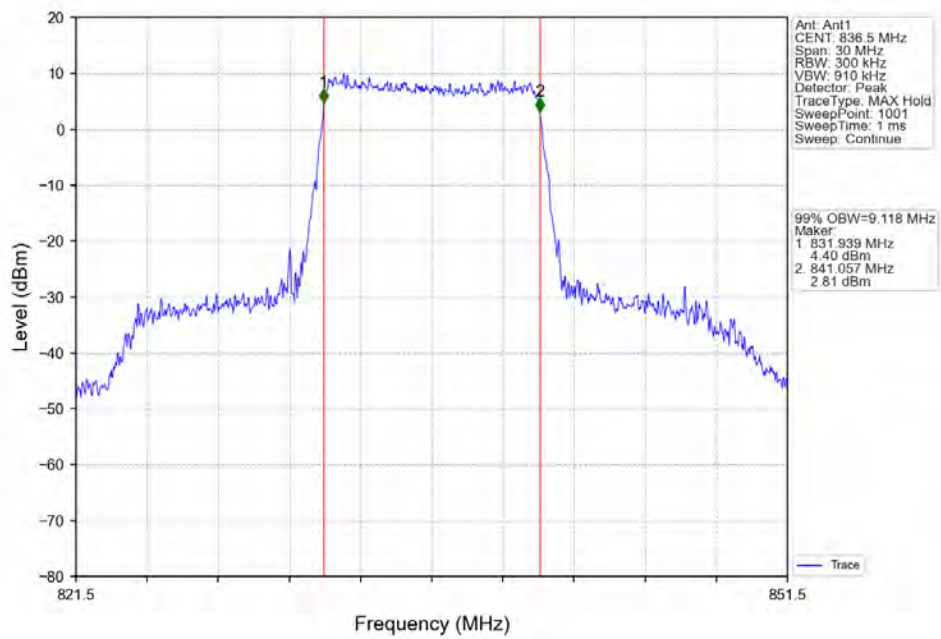
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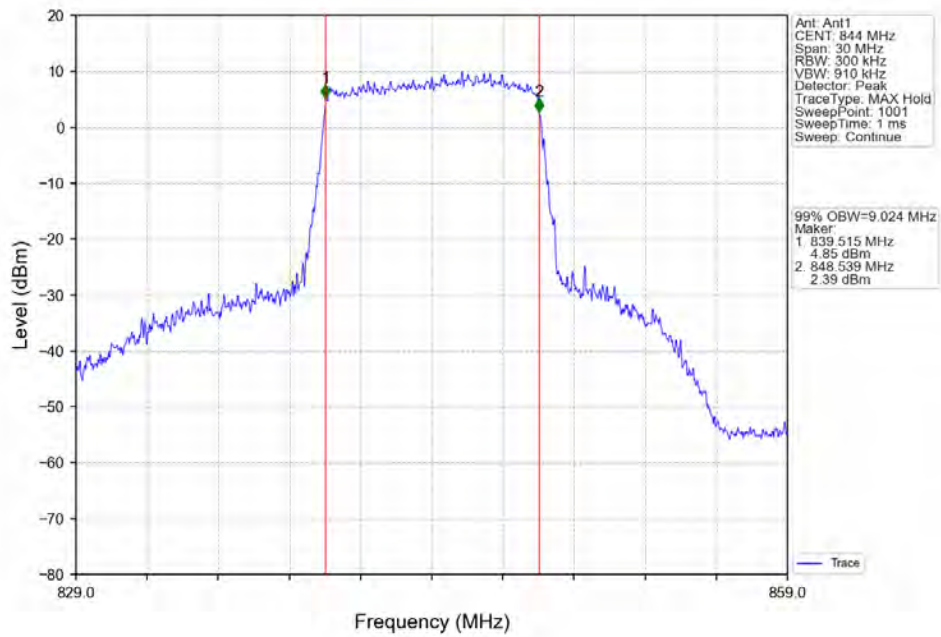
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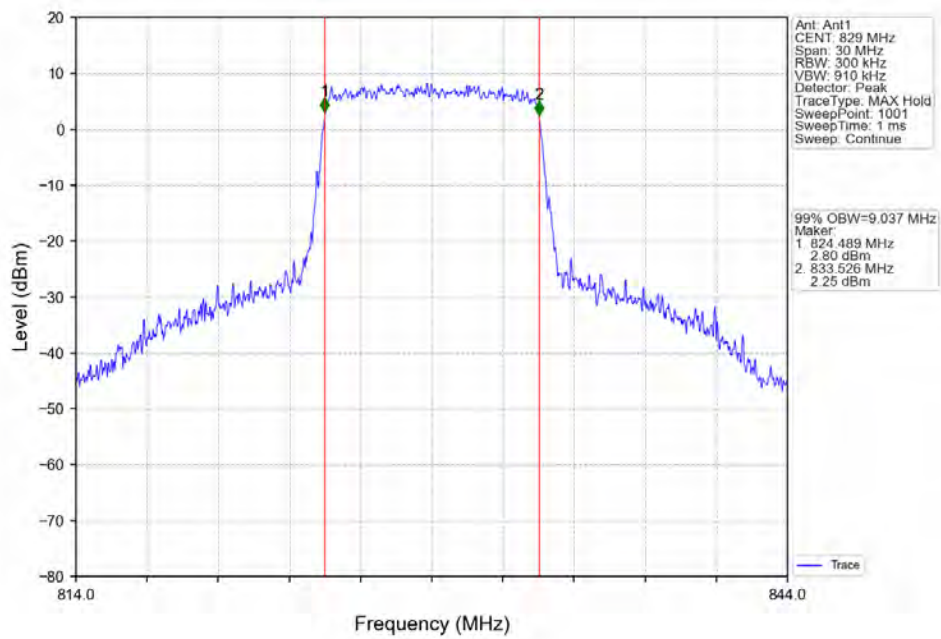
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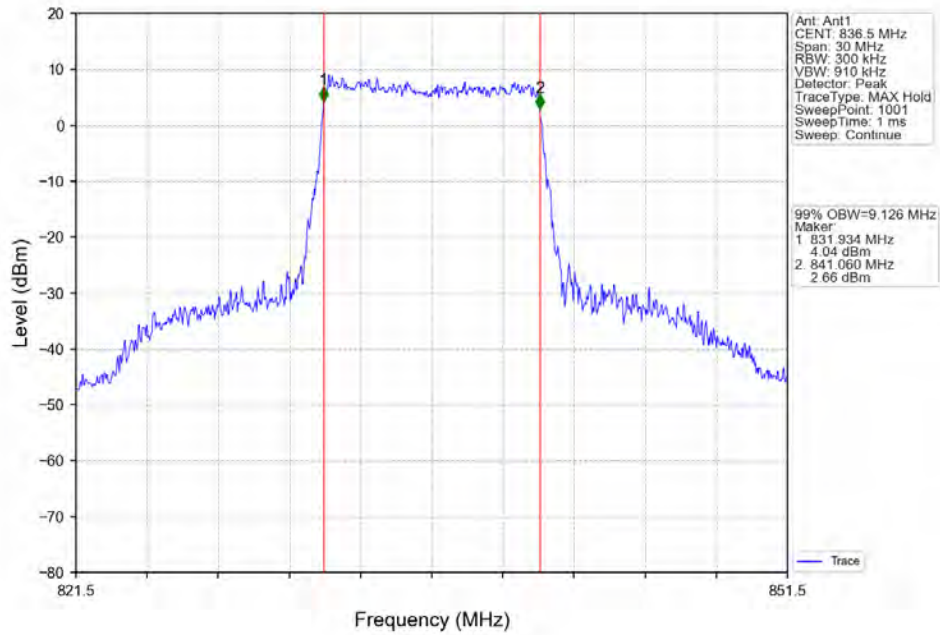
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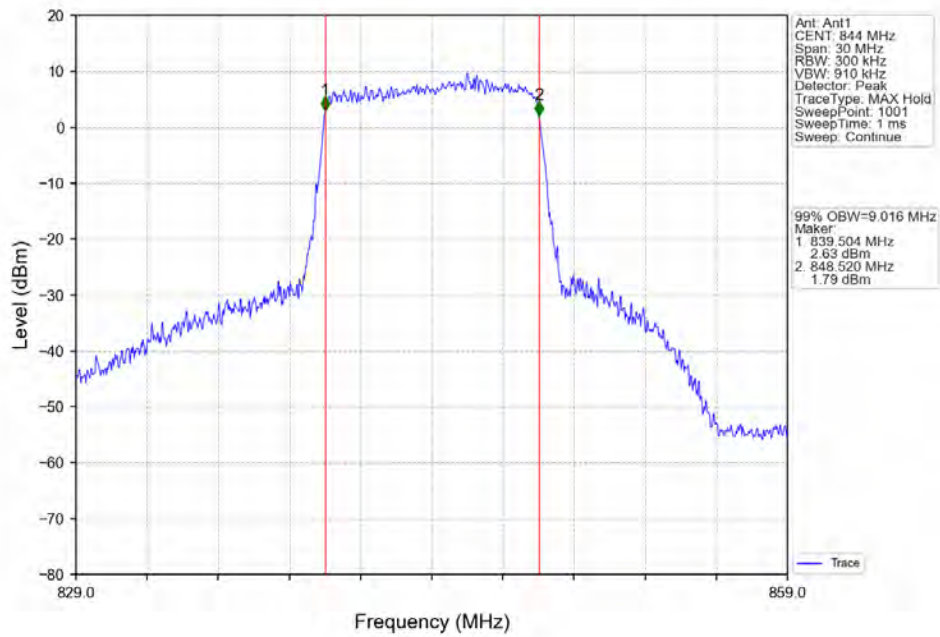
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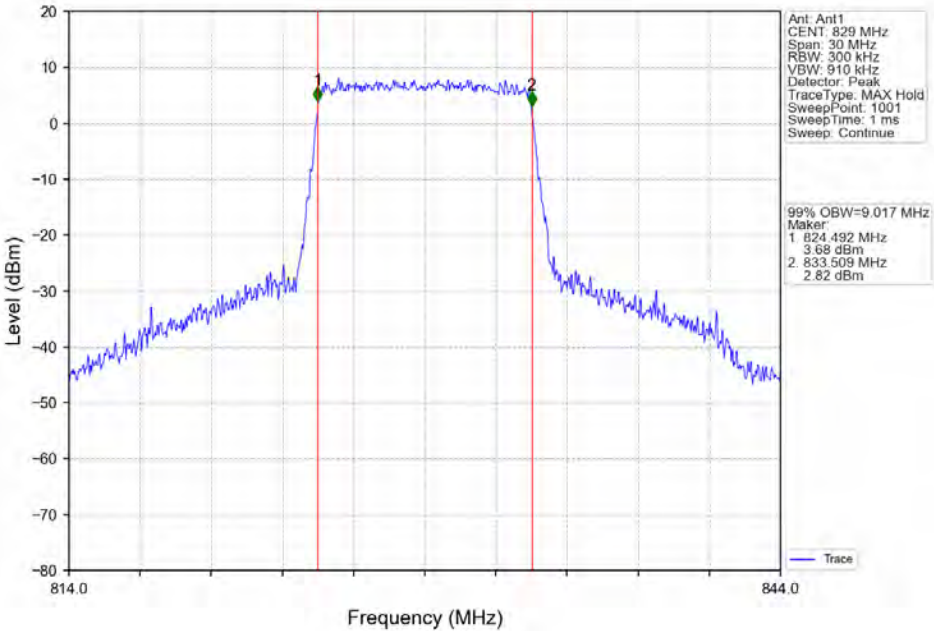
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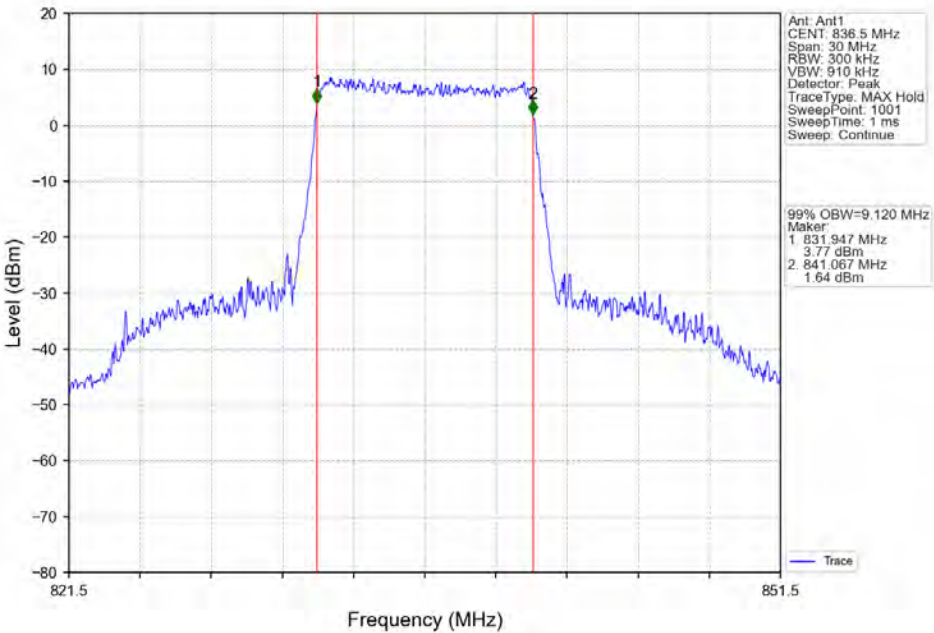
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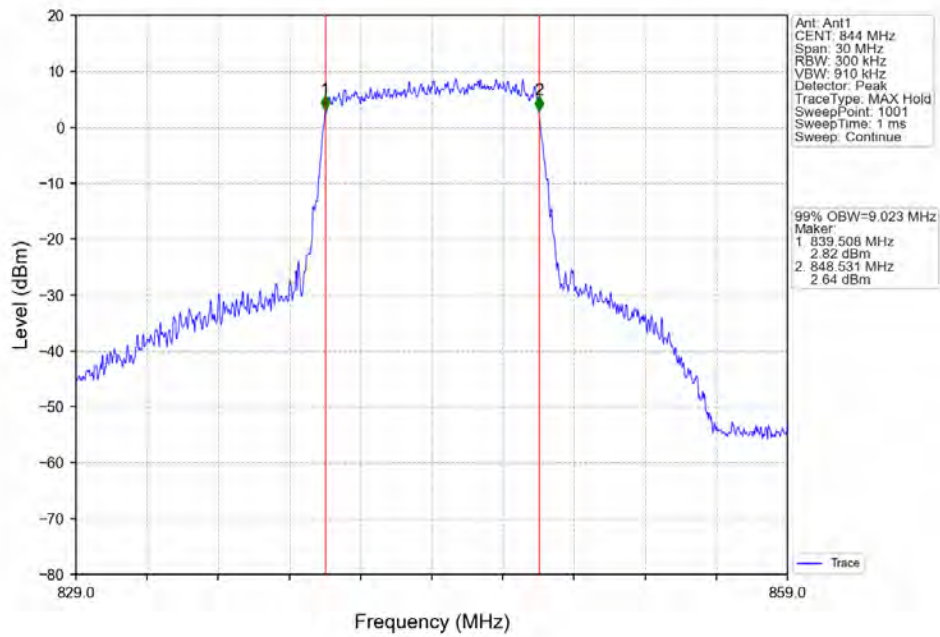
Band26b 10MHz 64QAM LCH 829MHz RB 50 0 NTV



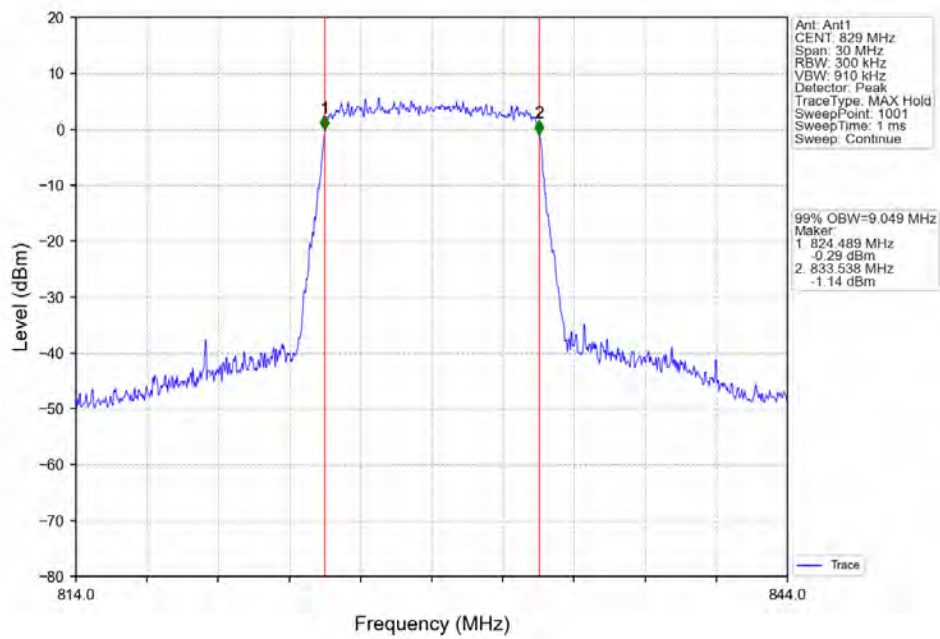
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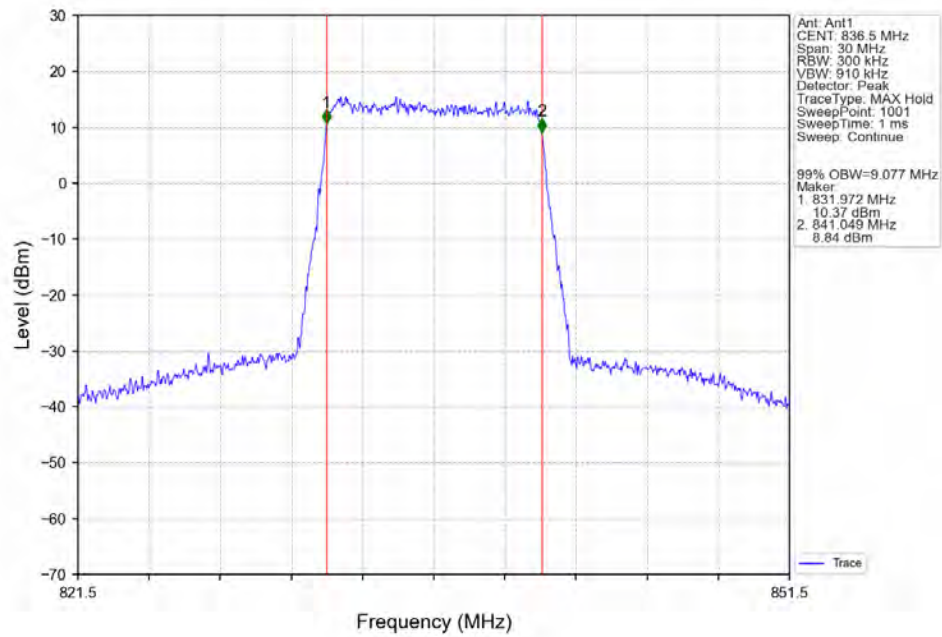
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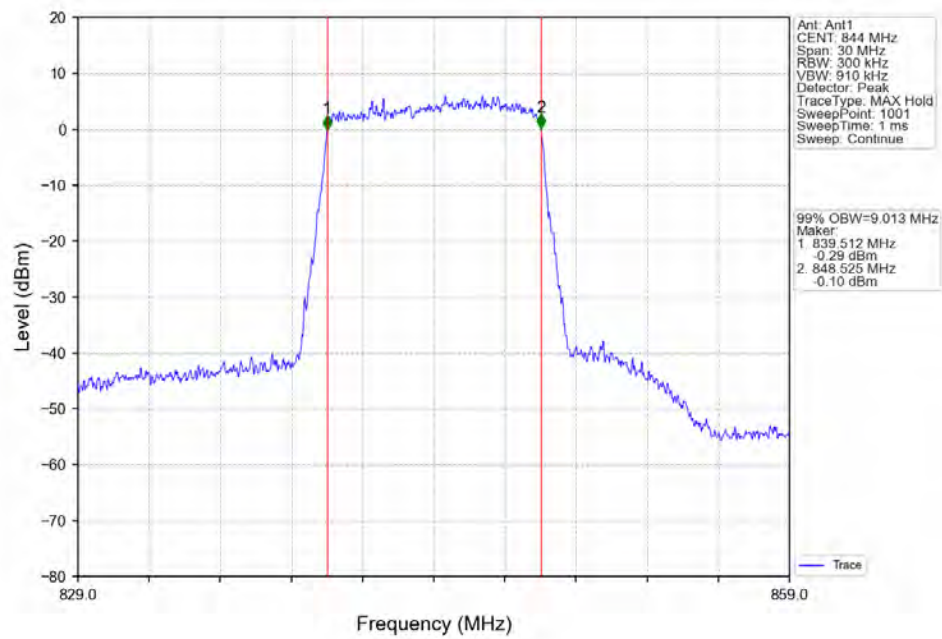
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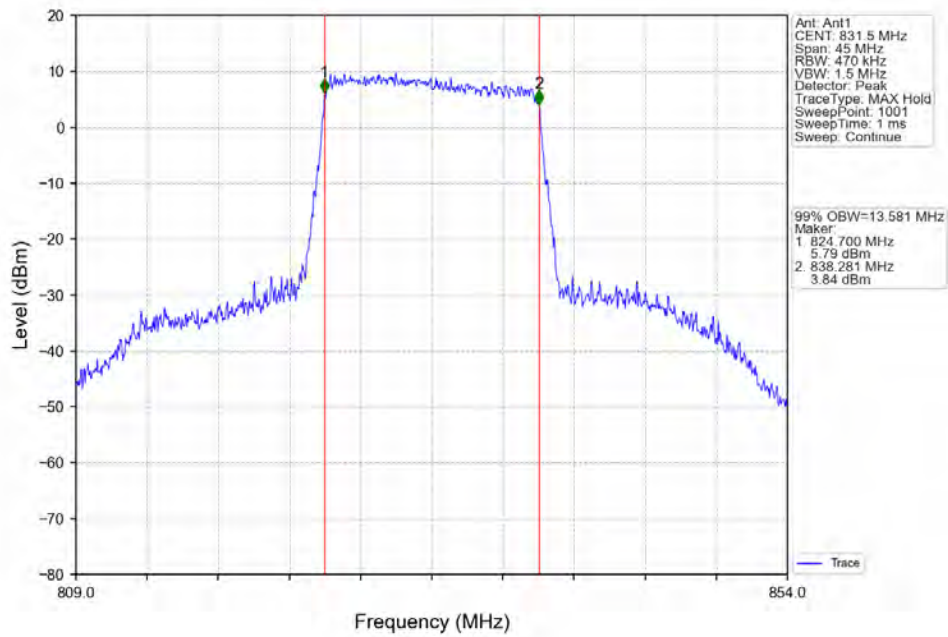
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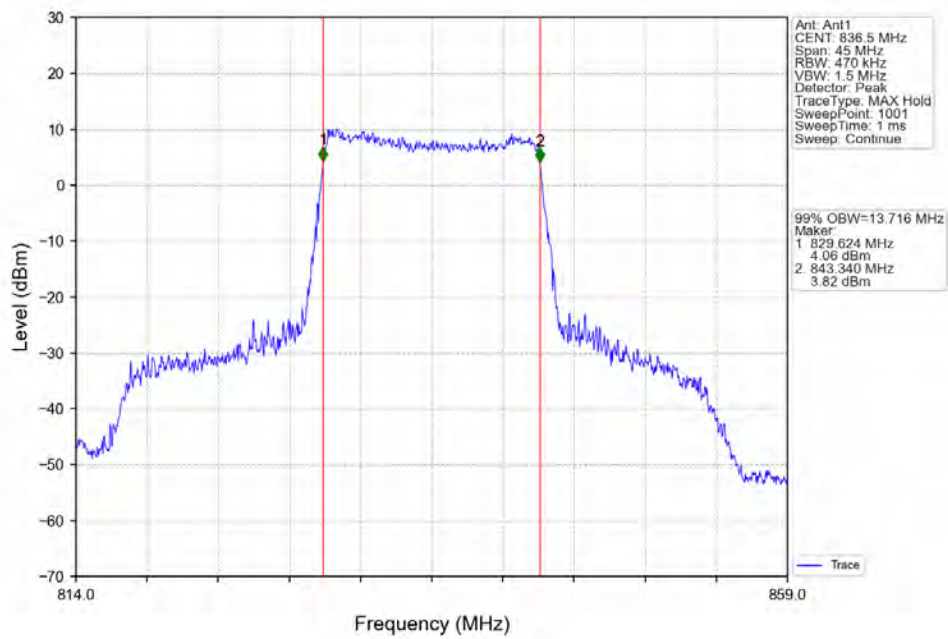
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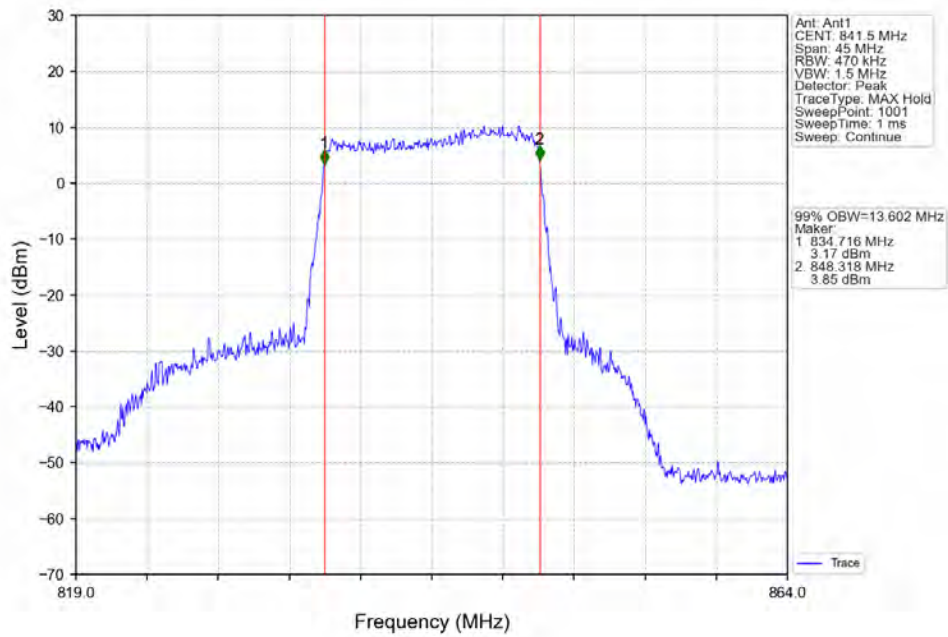
Band26b 15MHz QPSK LCH 831.5MHz RB 75.0 NTNV



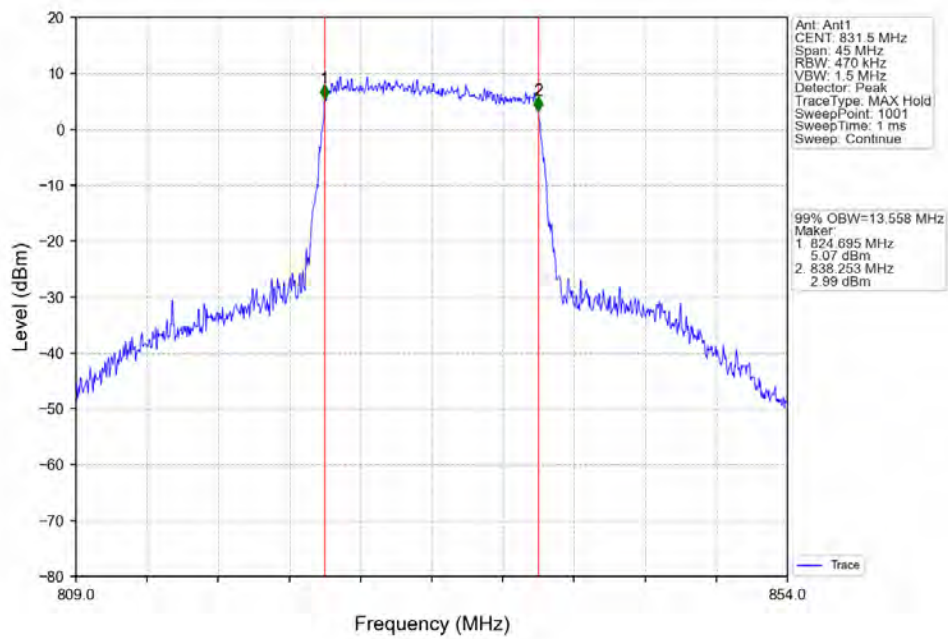
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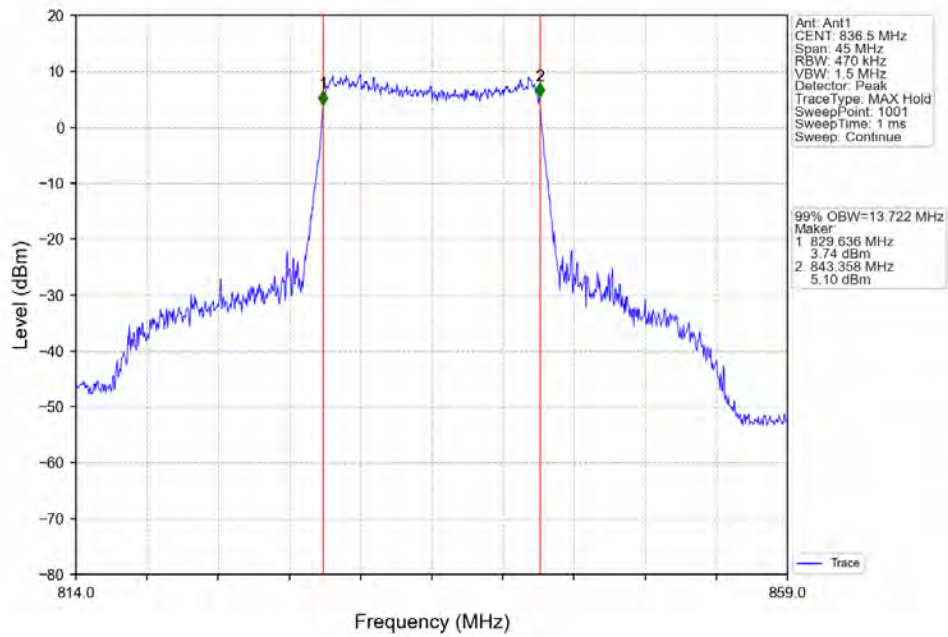
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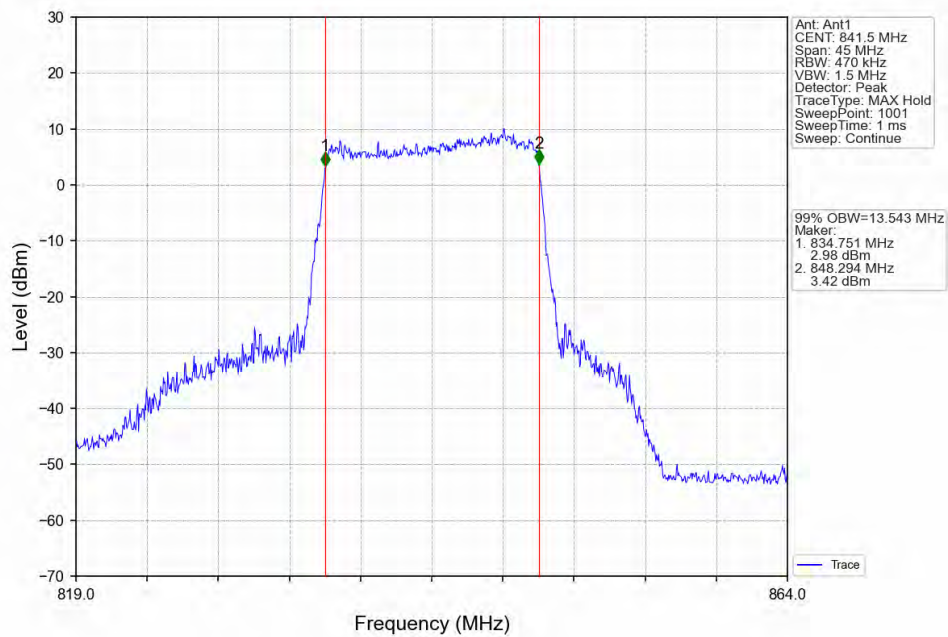
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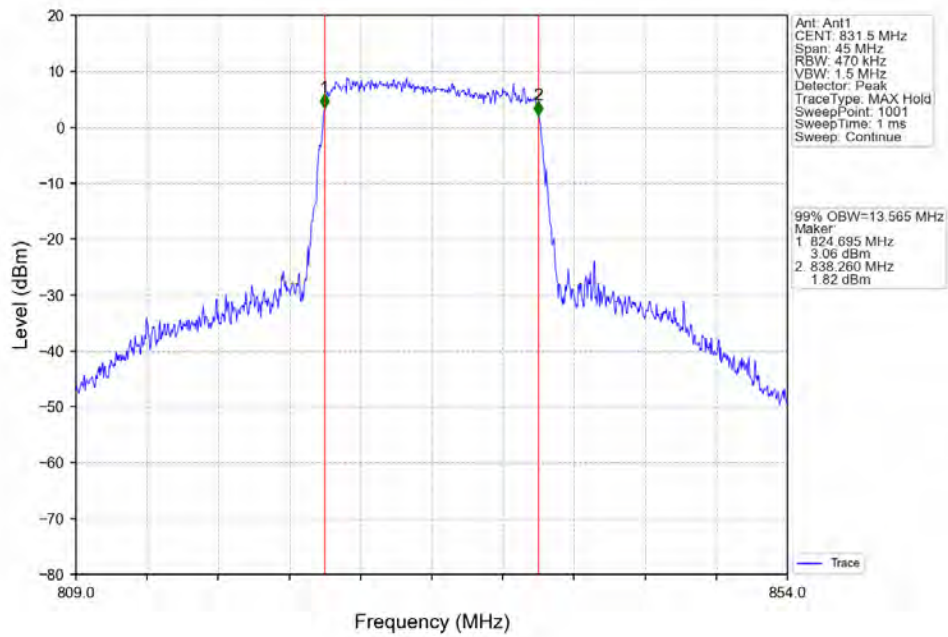
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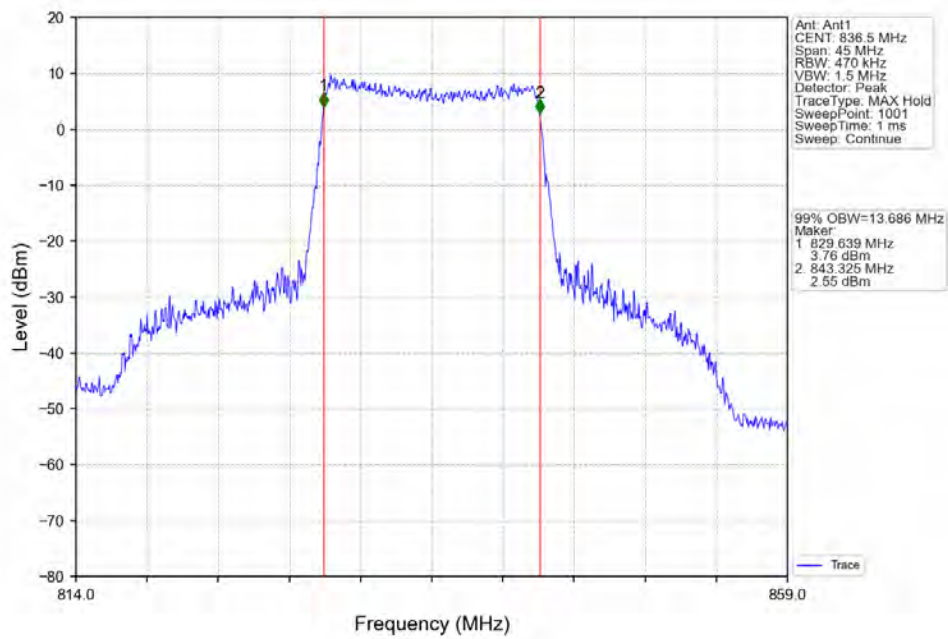
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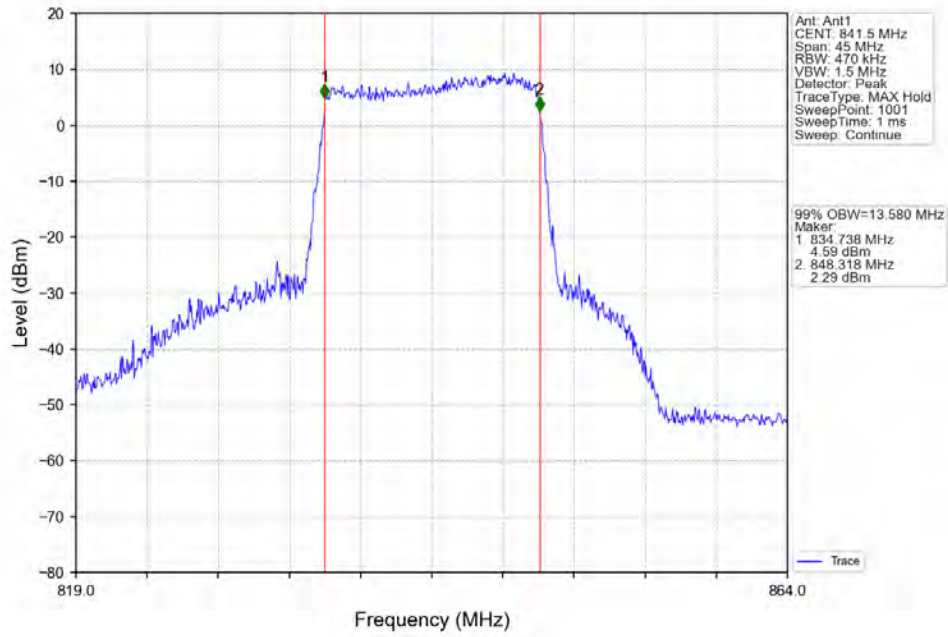
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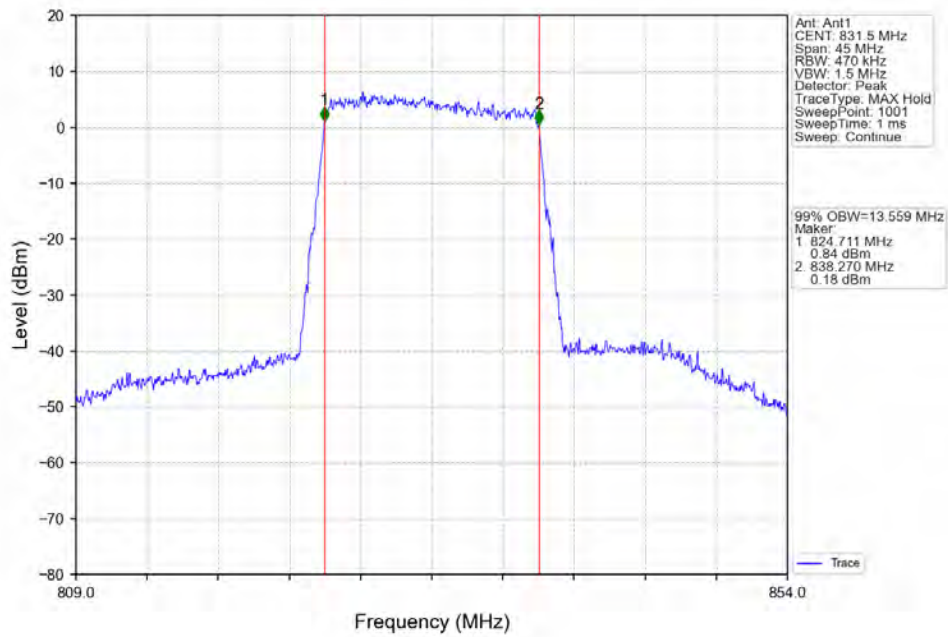
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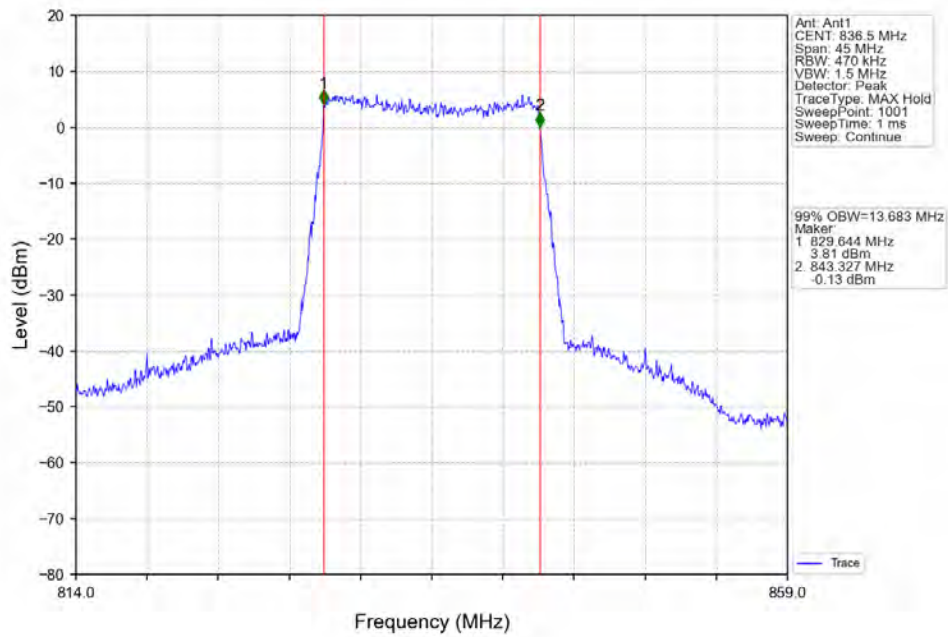
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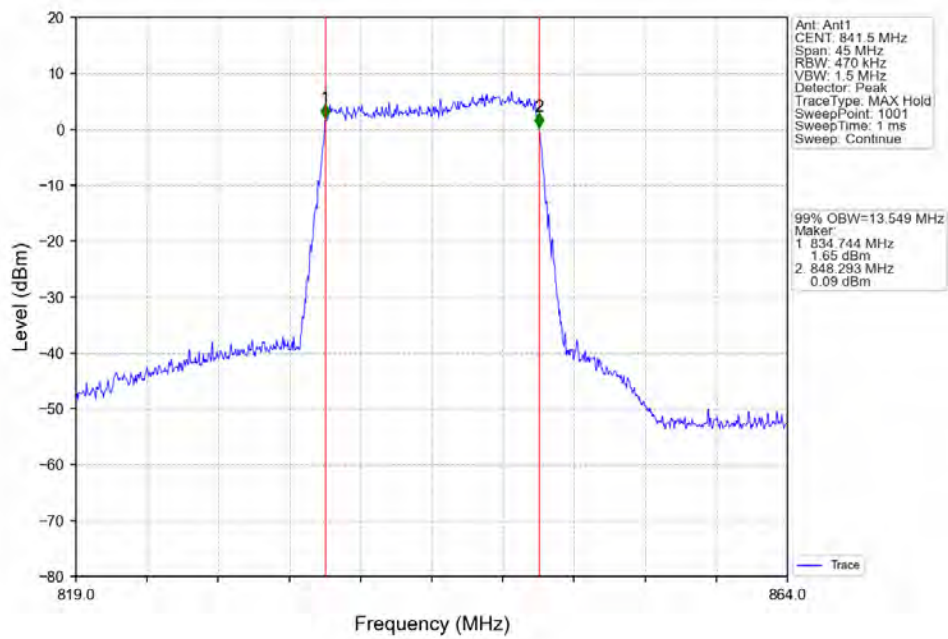
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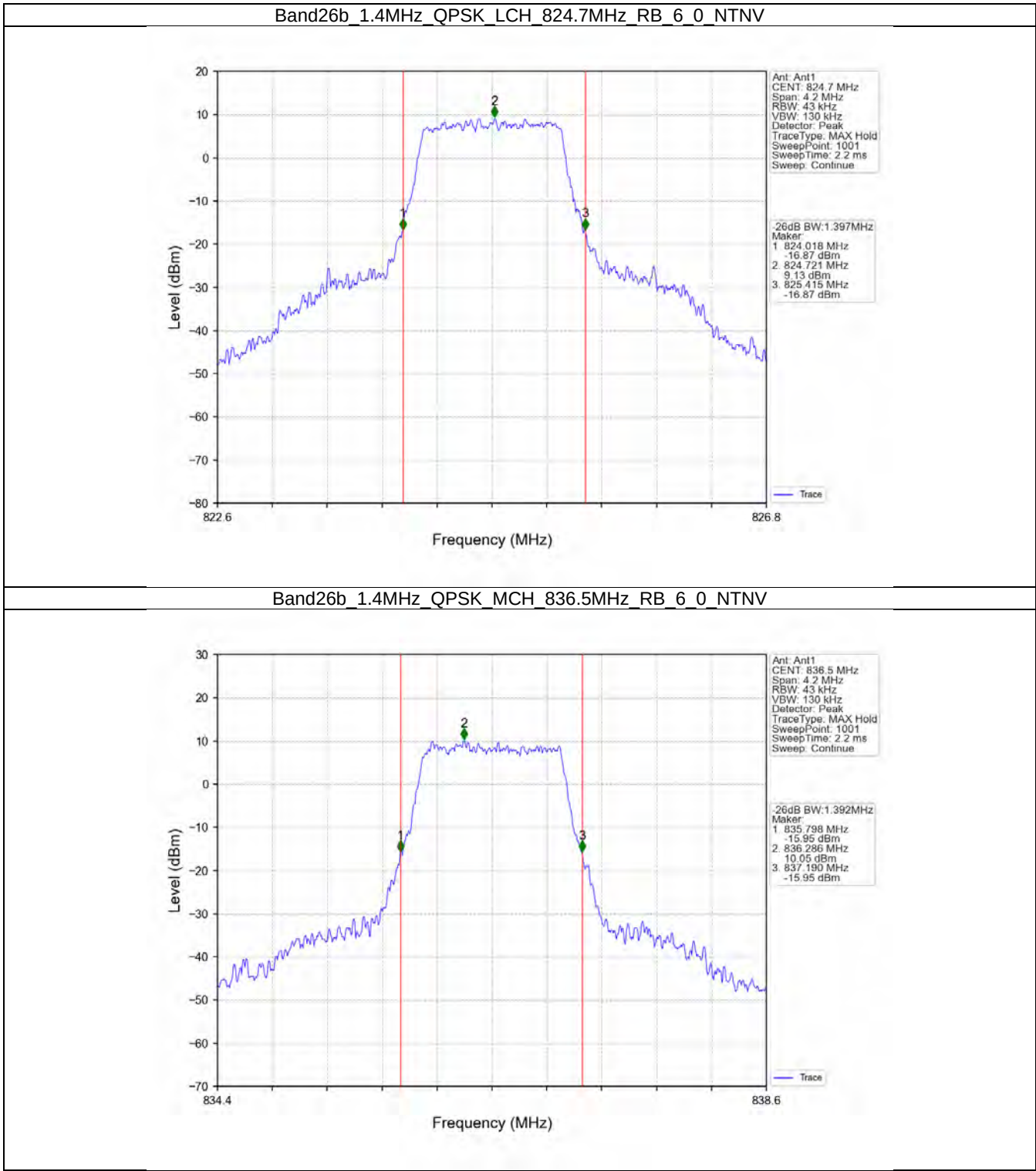
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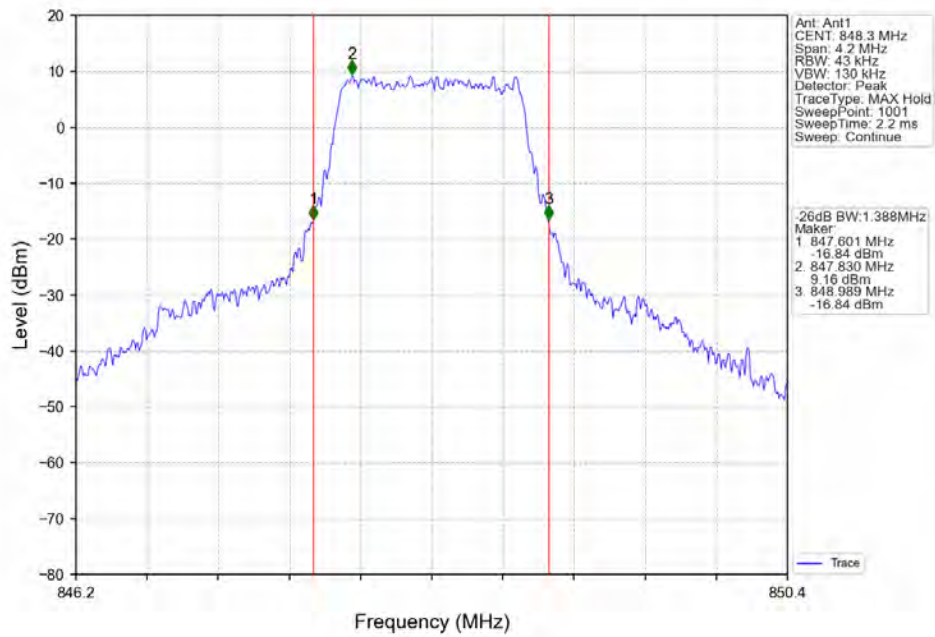
Band26b 15MHz 256QAM HCH 841.5MHz RB 75 0 NTNV



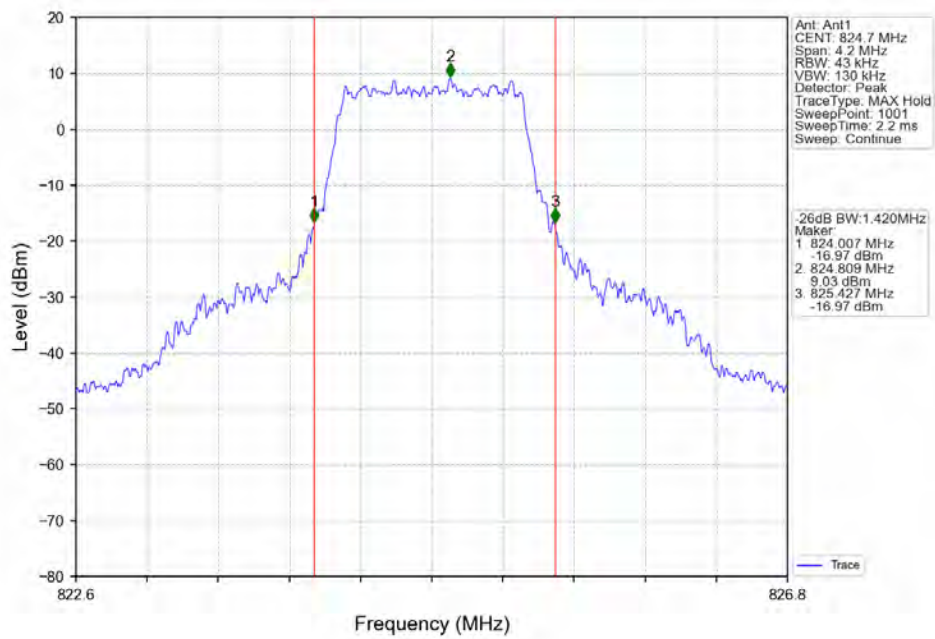
3.2.2 Band26b_XDB



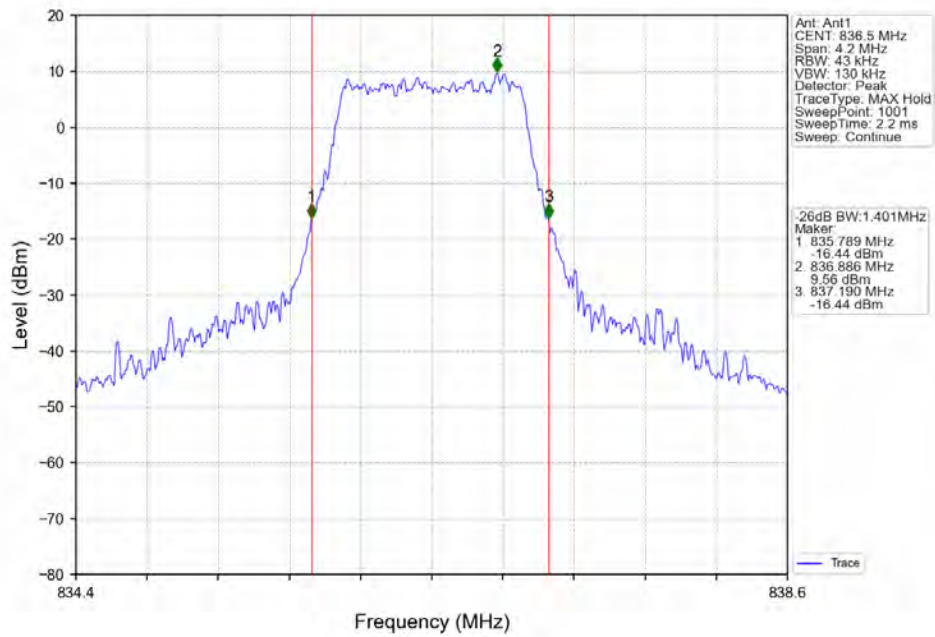
Band26b 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



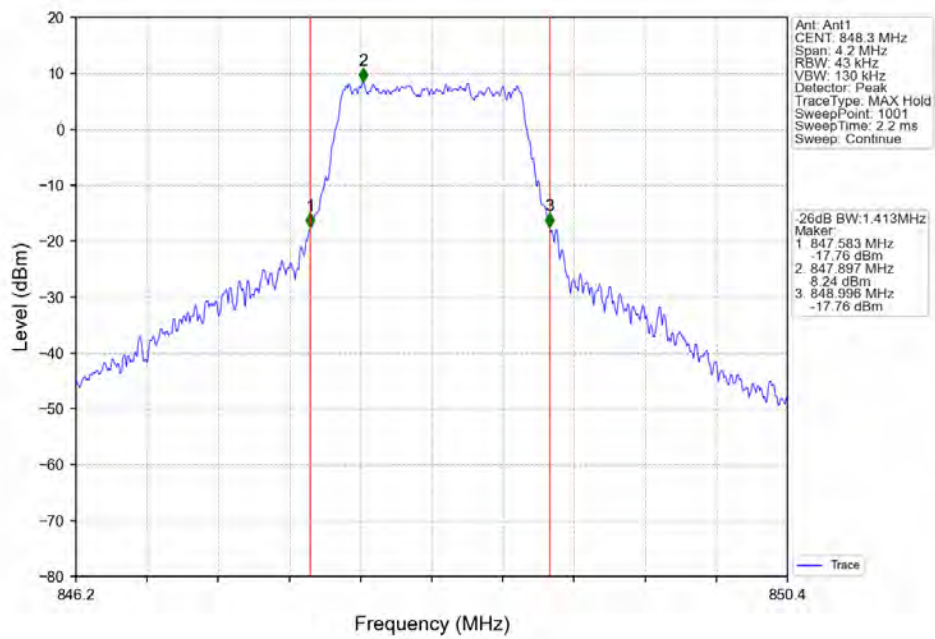
Band26b 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



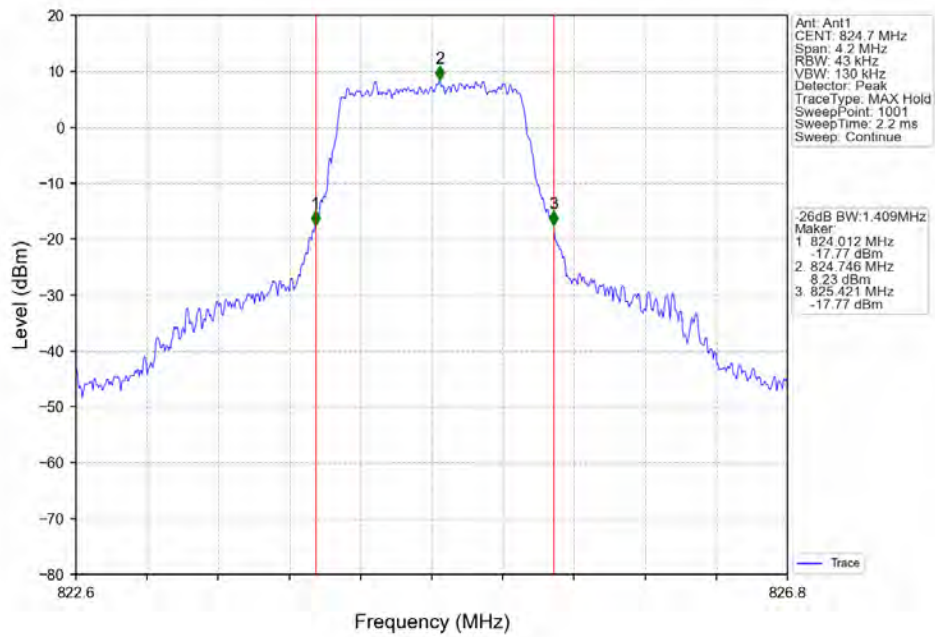
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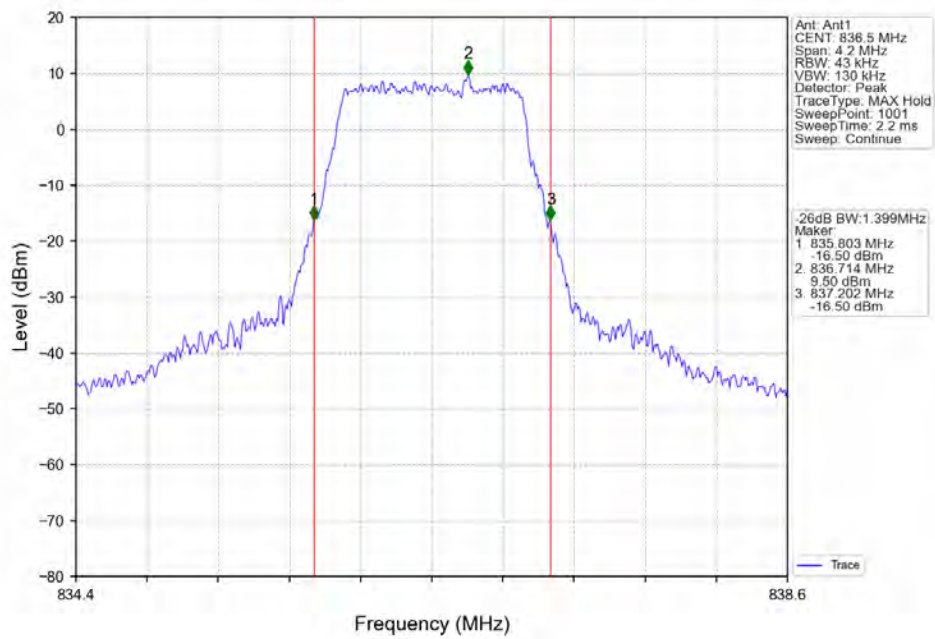
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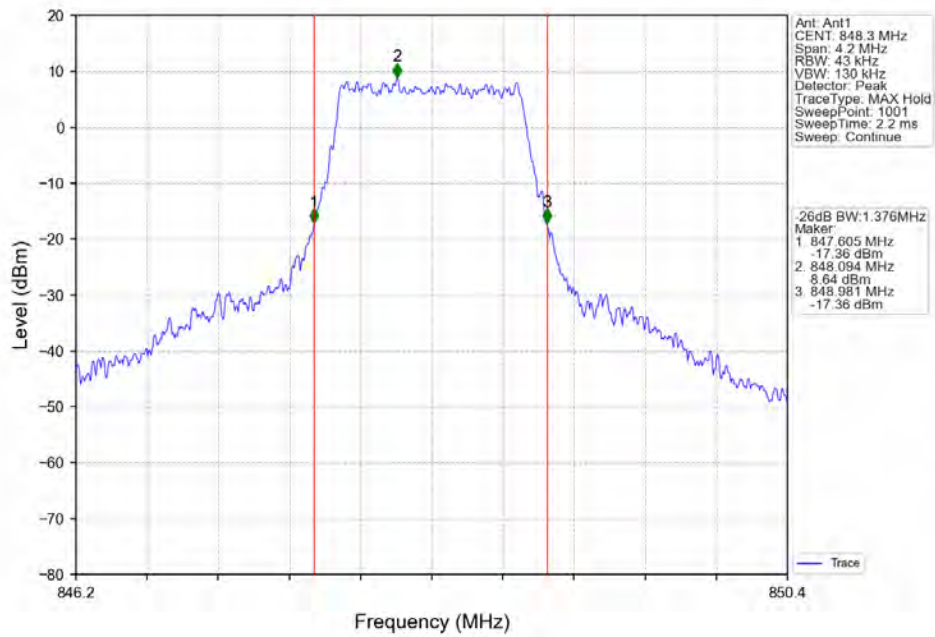
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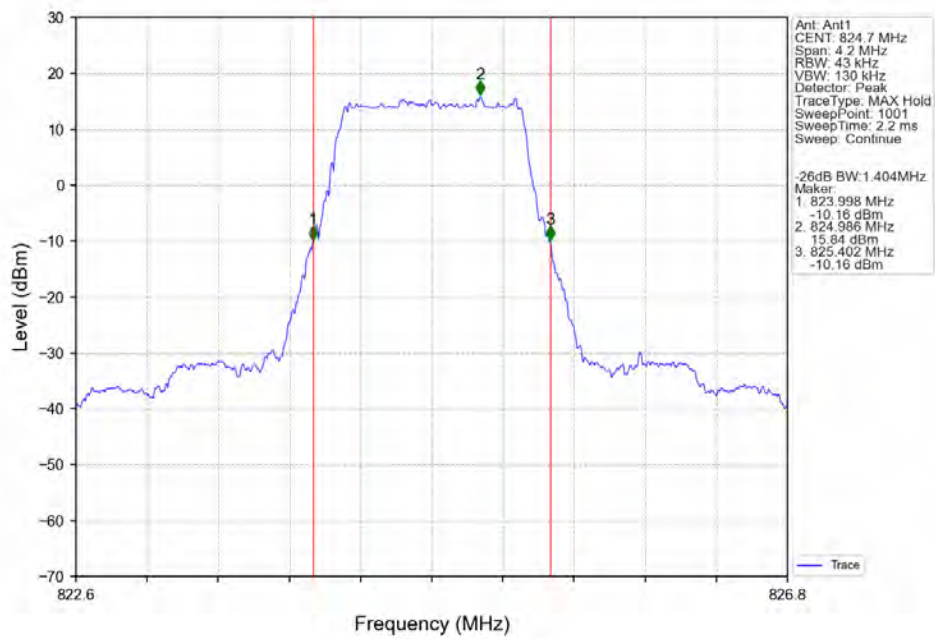
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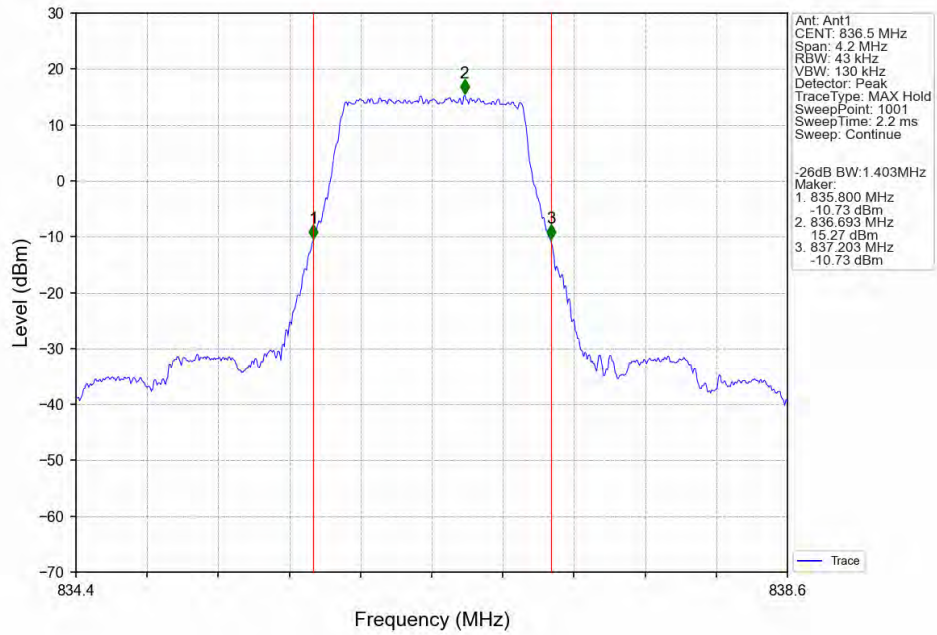
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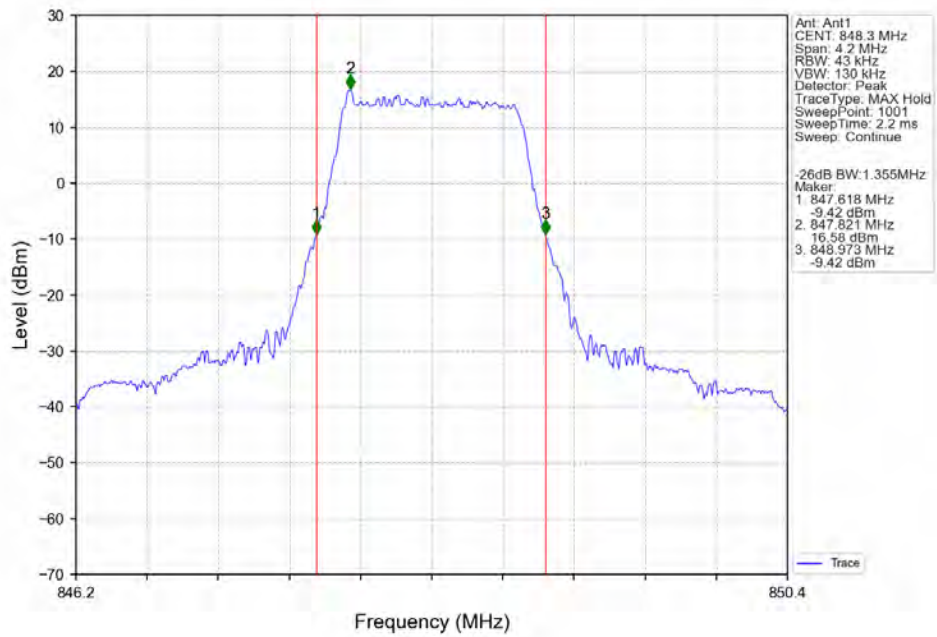
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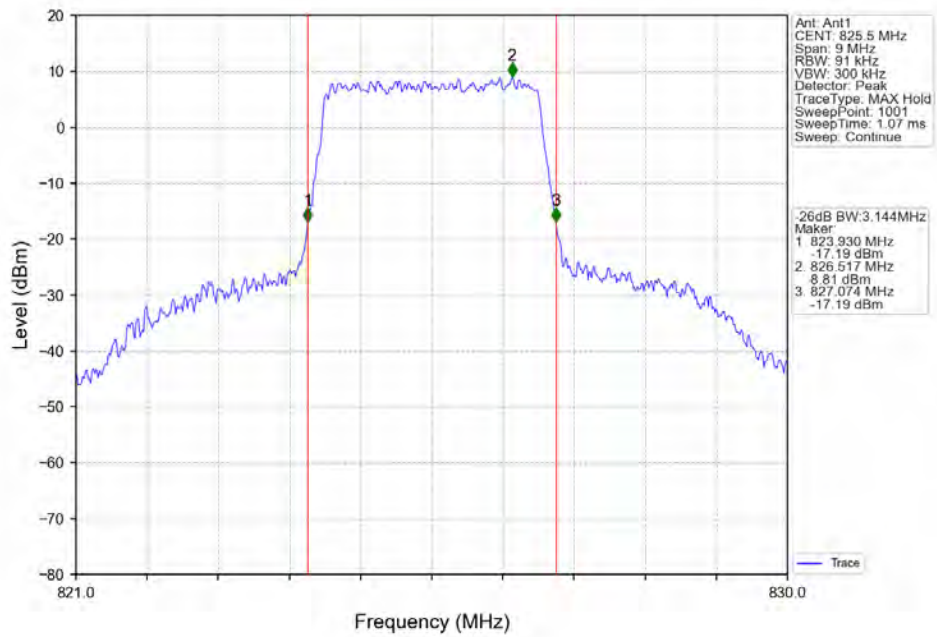
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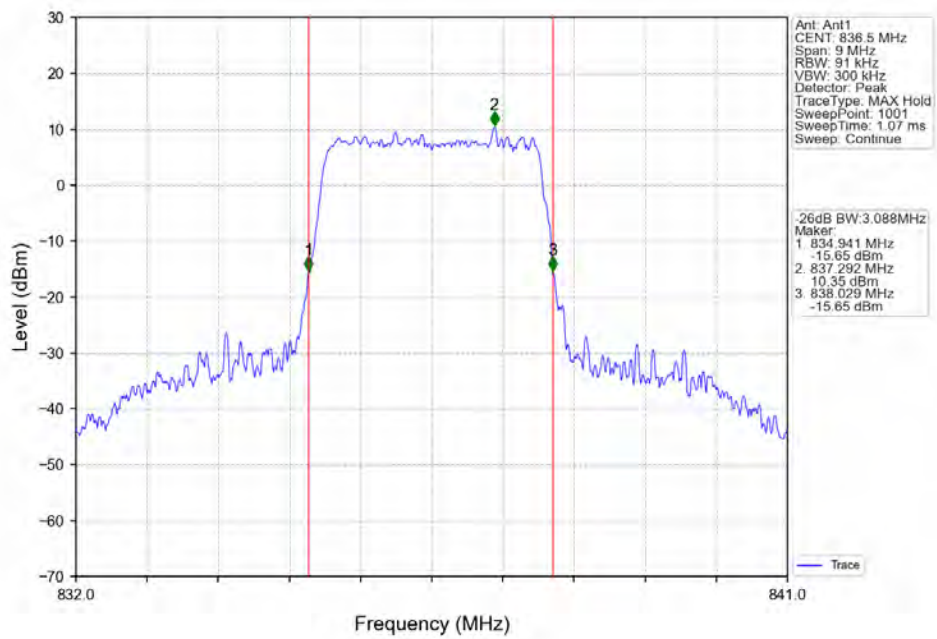
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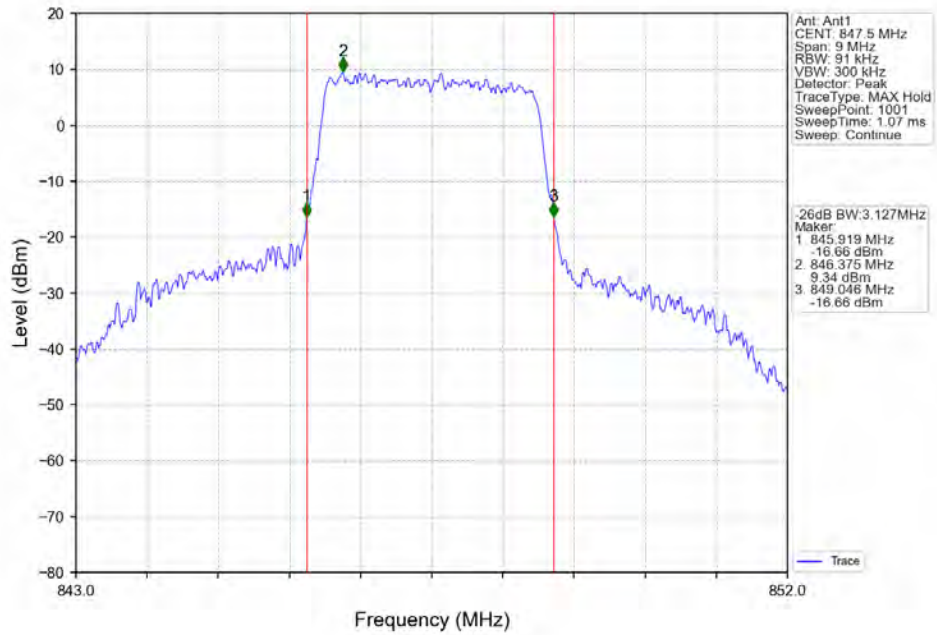
Band26b 3MHz QPSK LCH 825.5MHz RB 15 0 NTNV



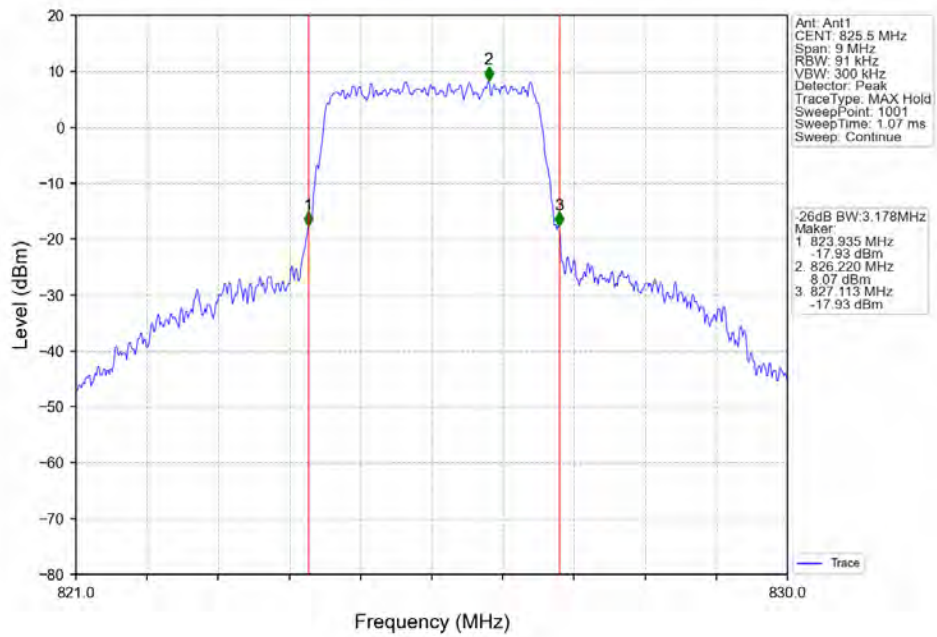
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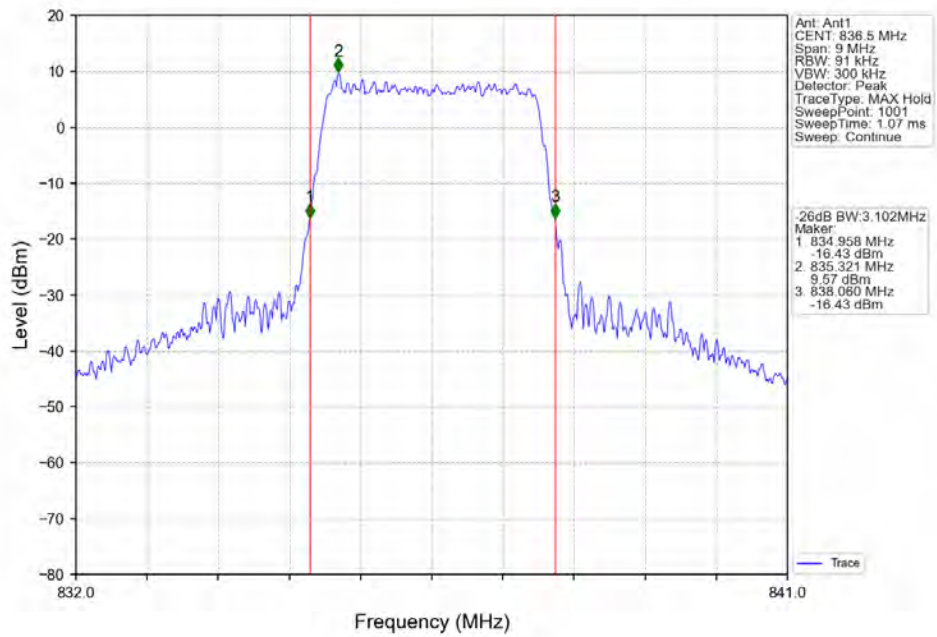
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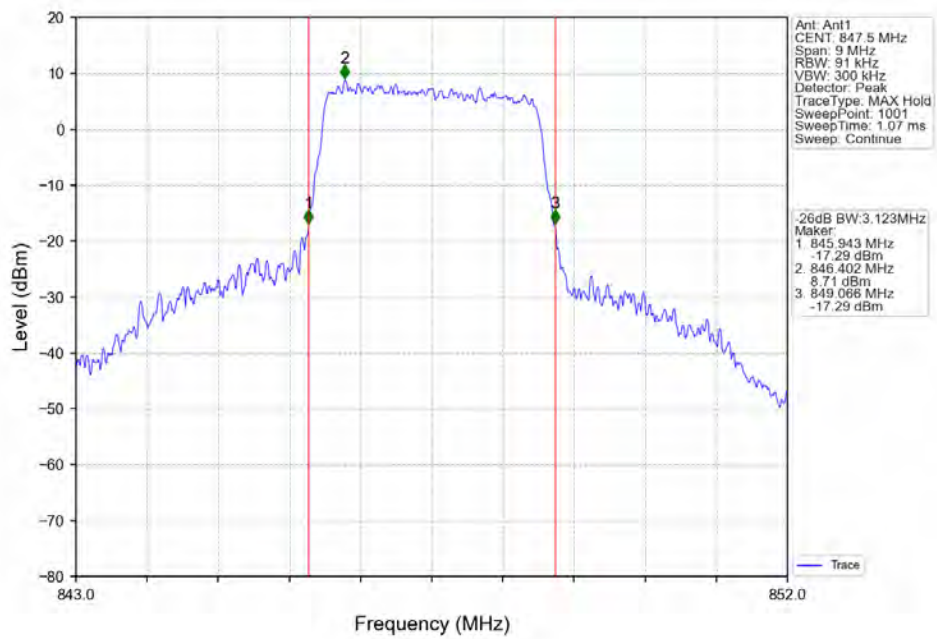
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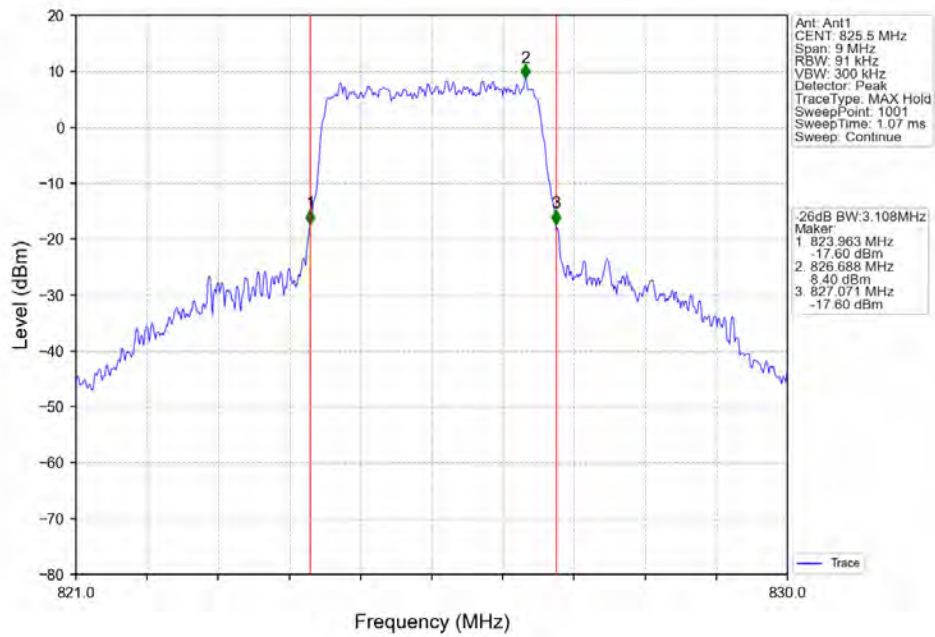
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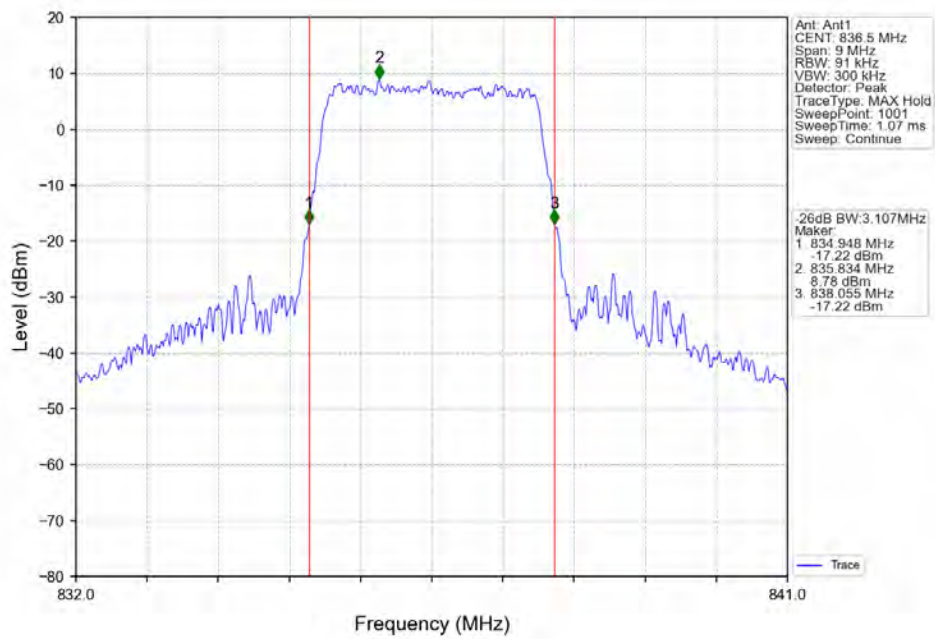
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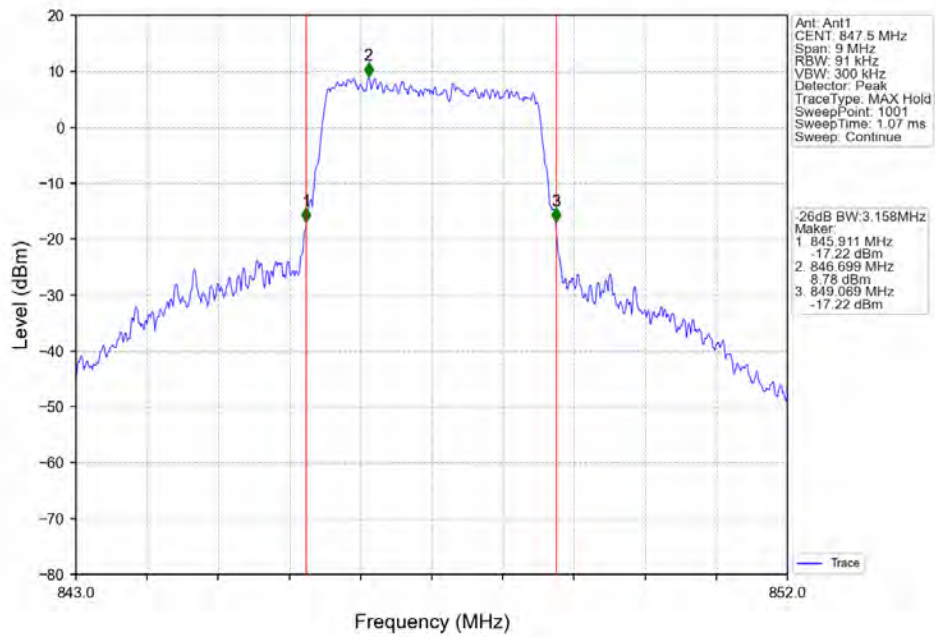
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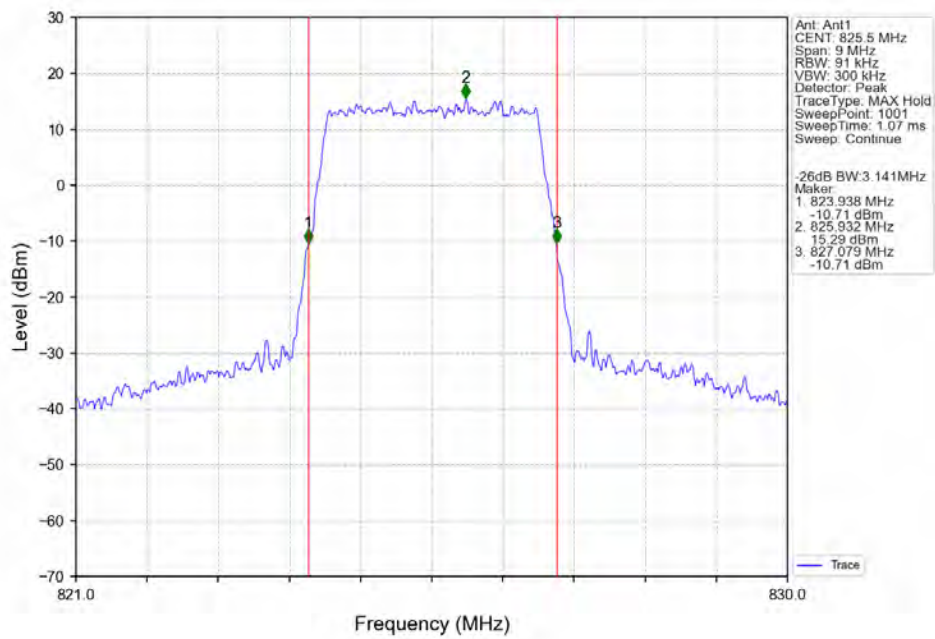
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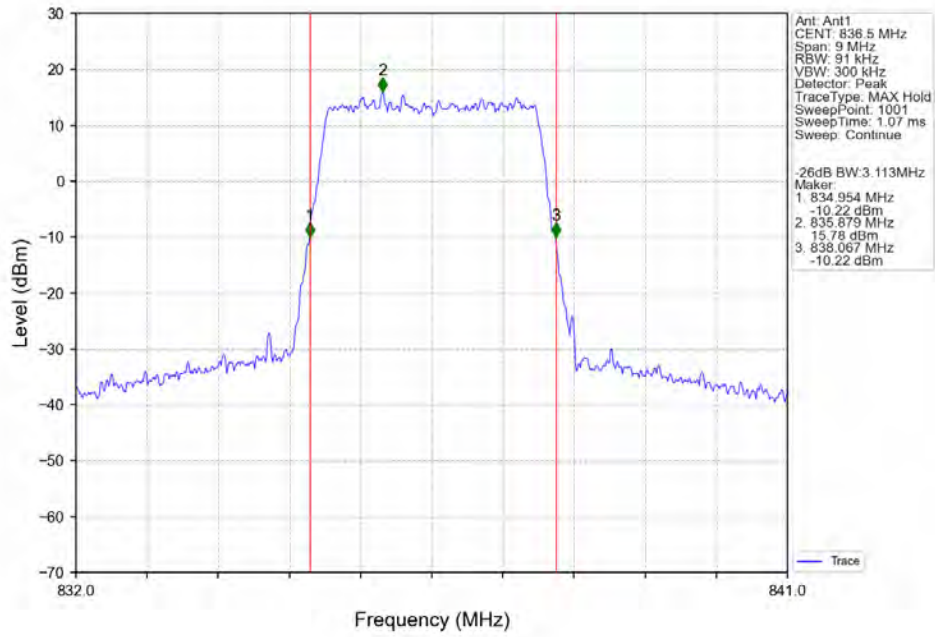
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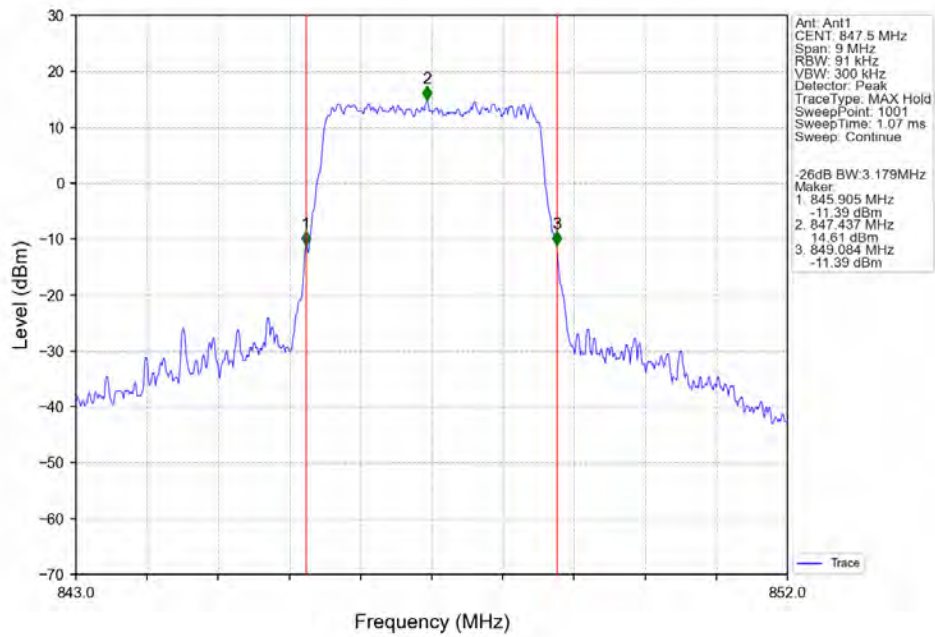
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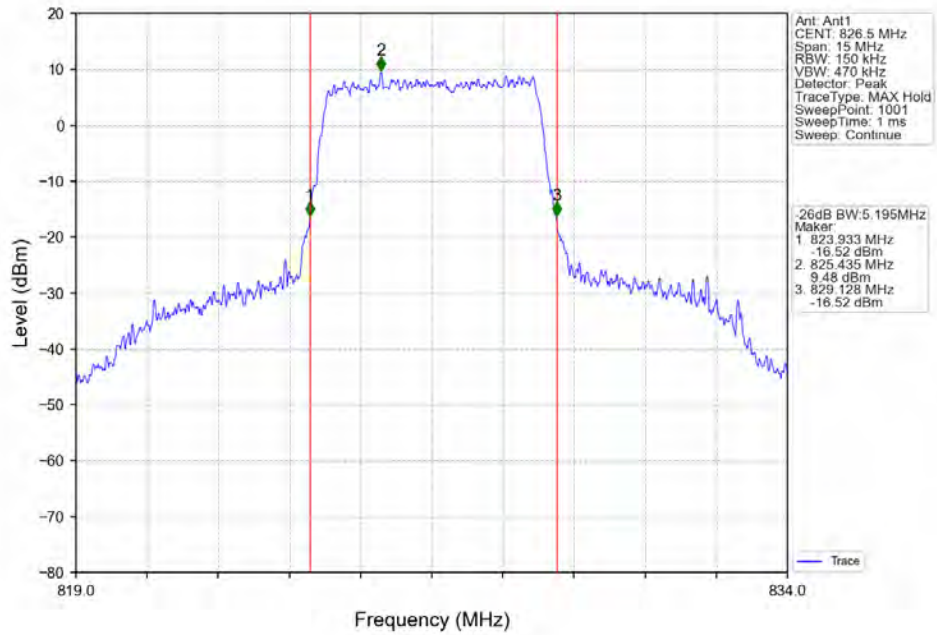
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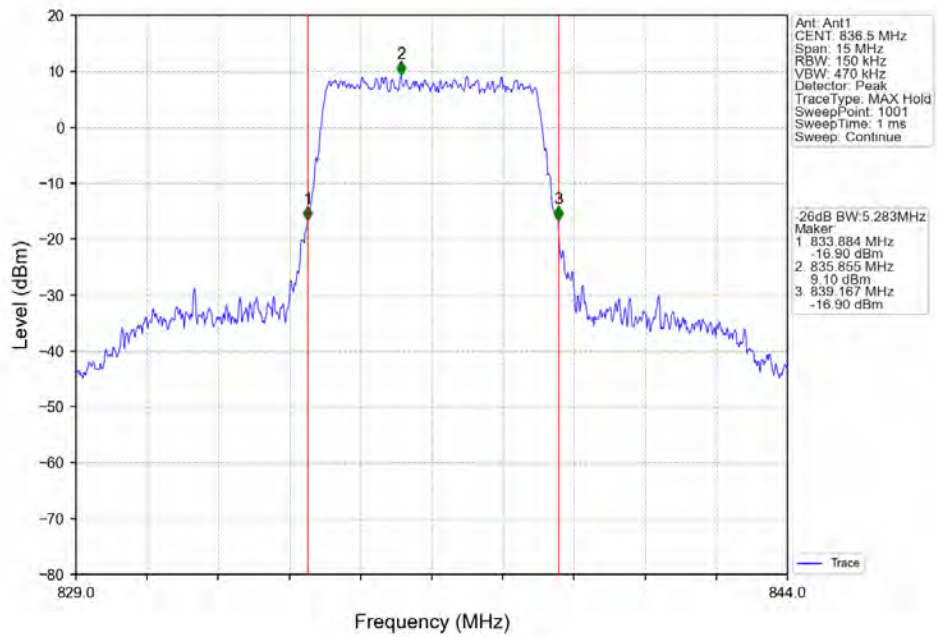
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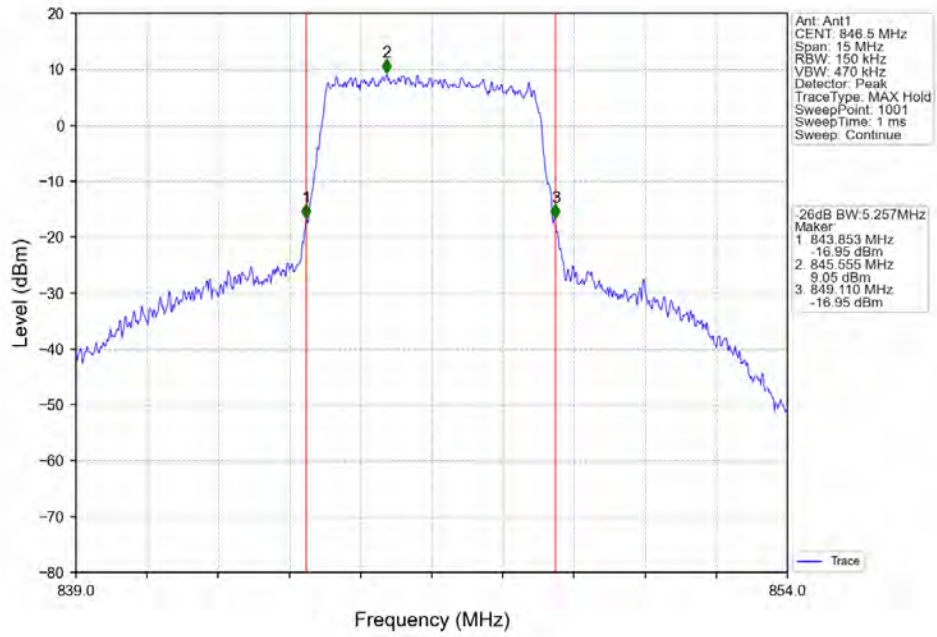
Band26b 5MHz QPSK LCH 826.5MHz RB 25 0 NTNV



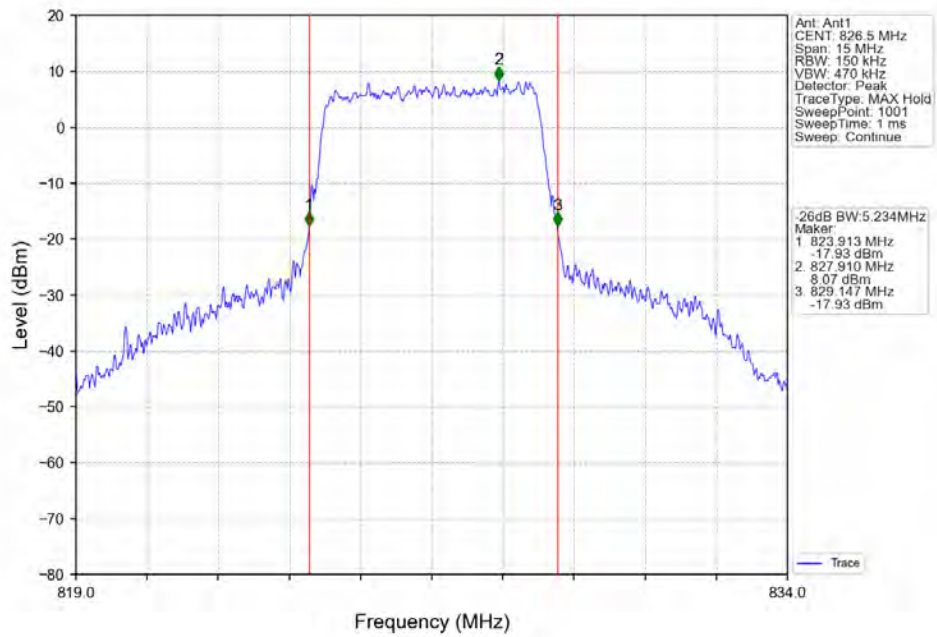
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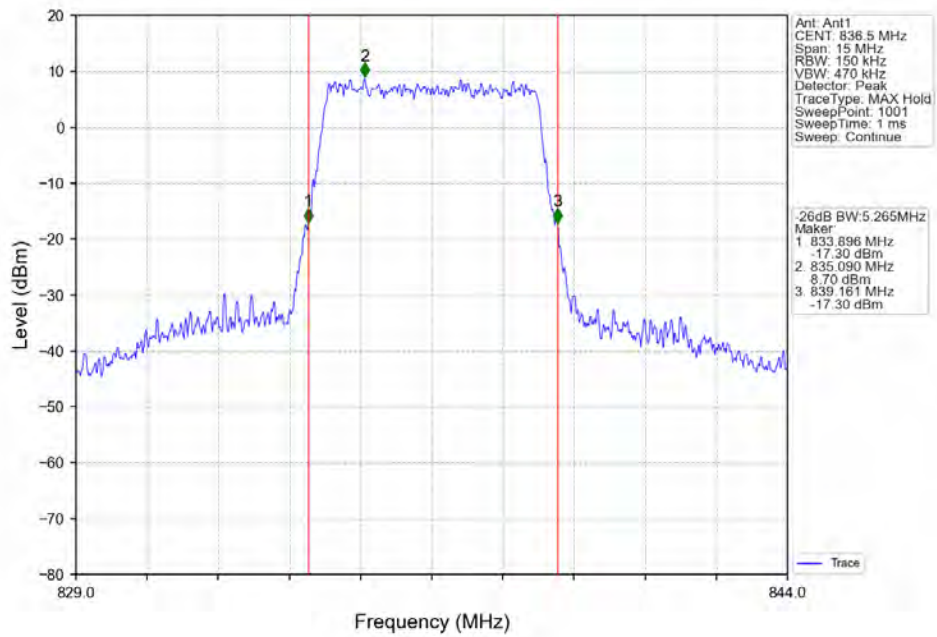
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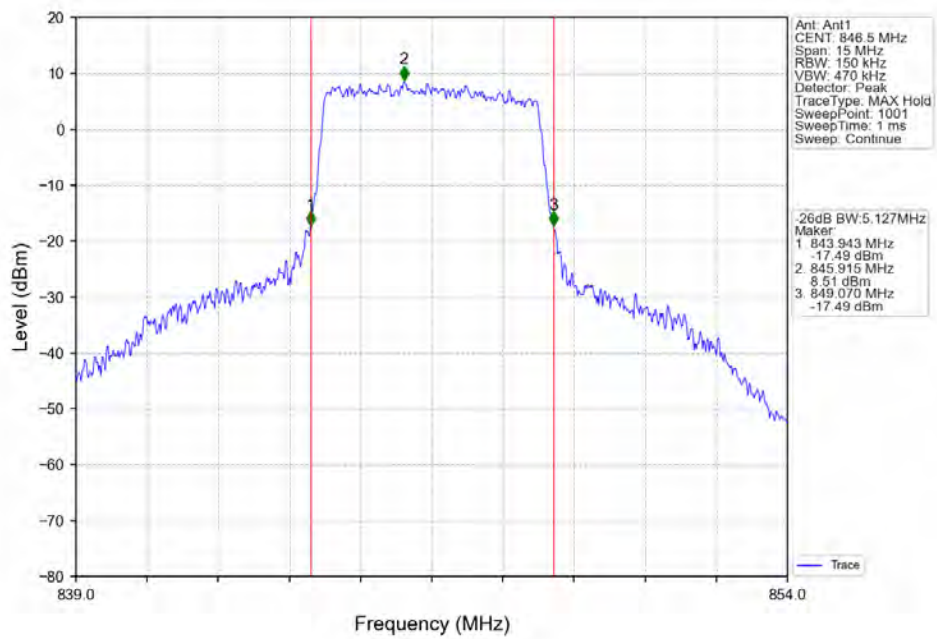
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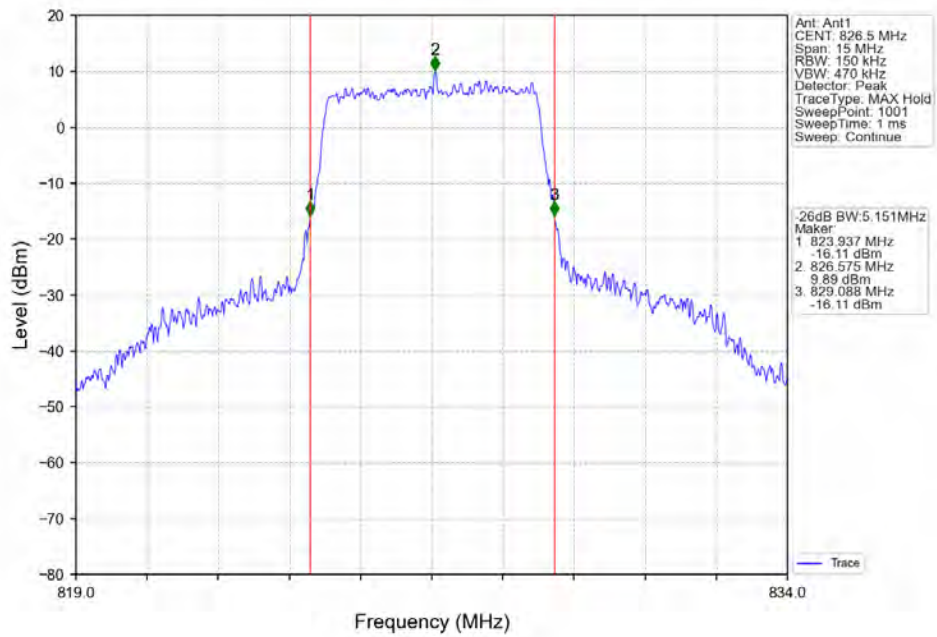
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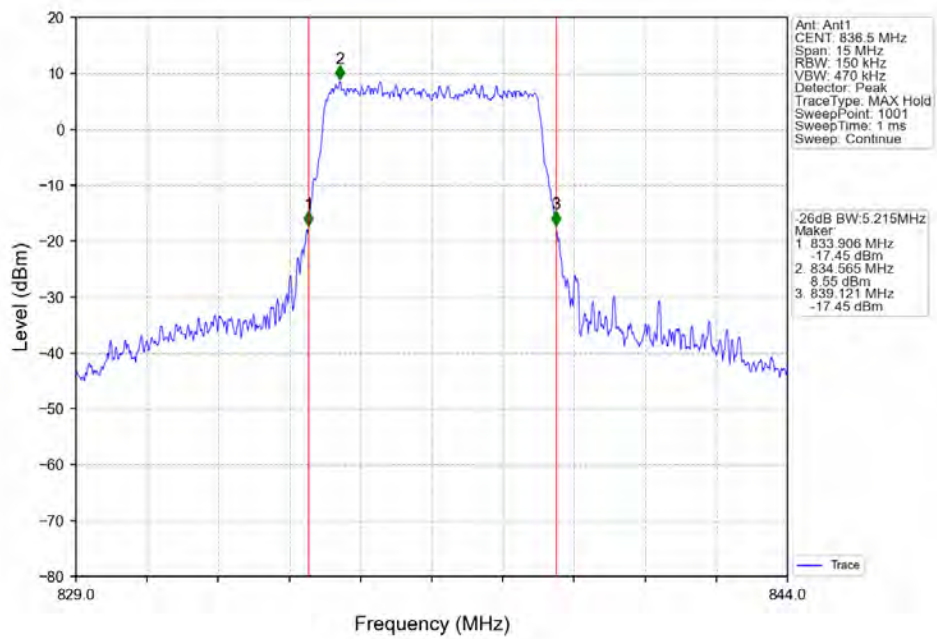
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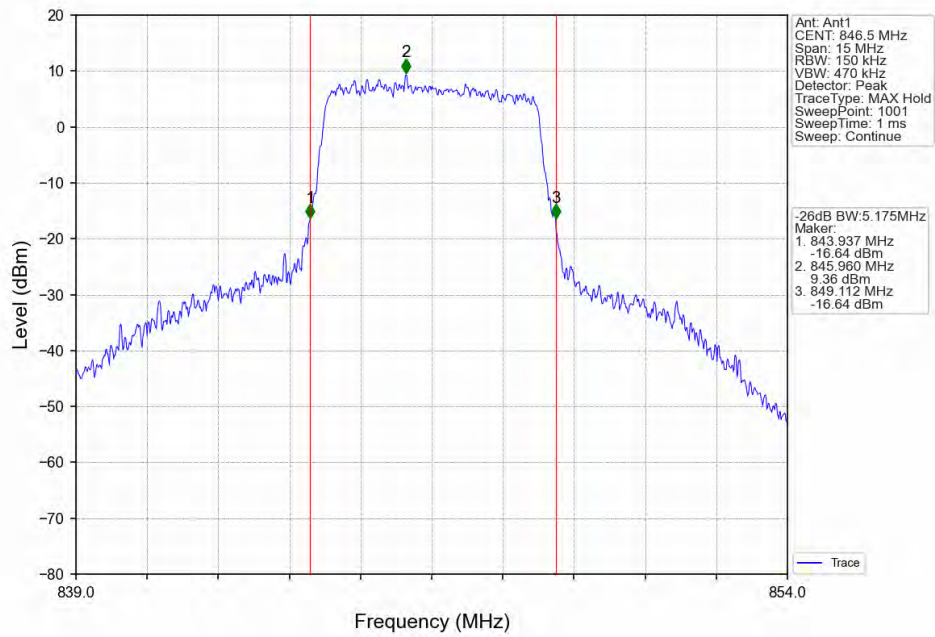
Band26b 5MHz 64QAM LCH 826.5MHz RB 25 0 NTNV



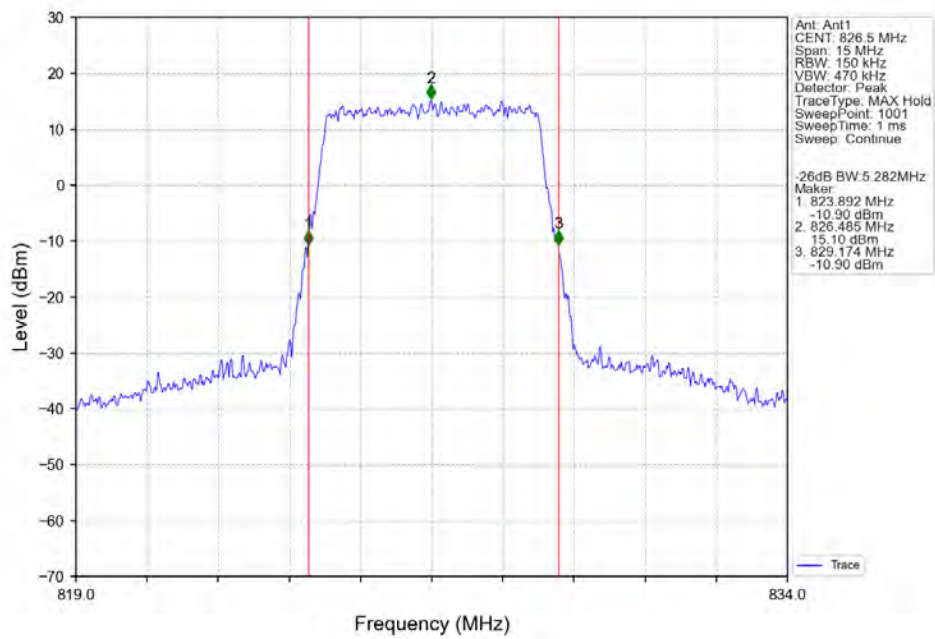
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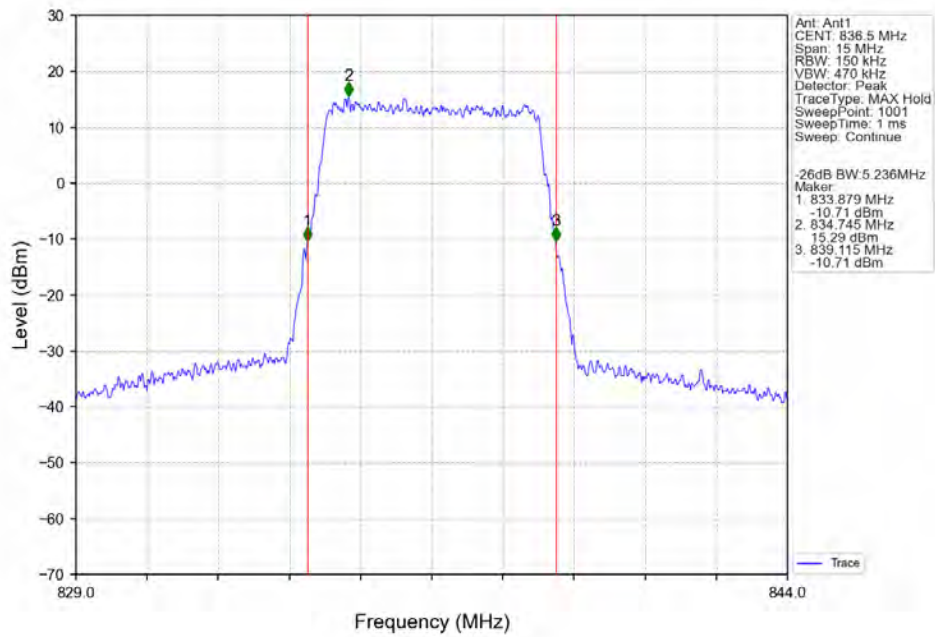
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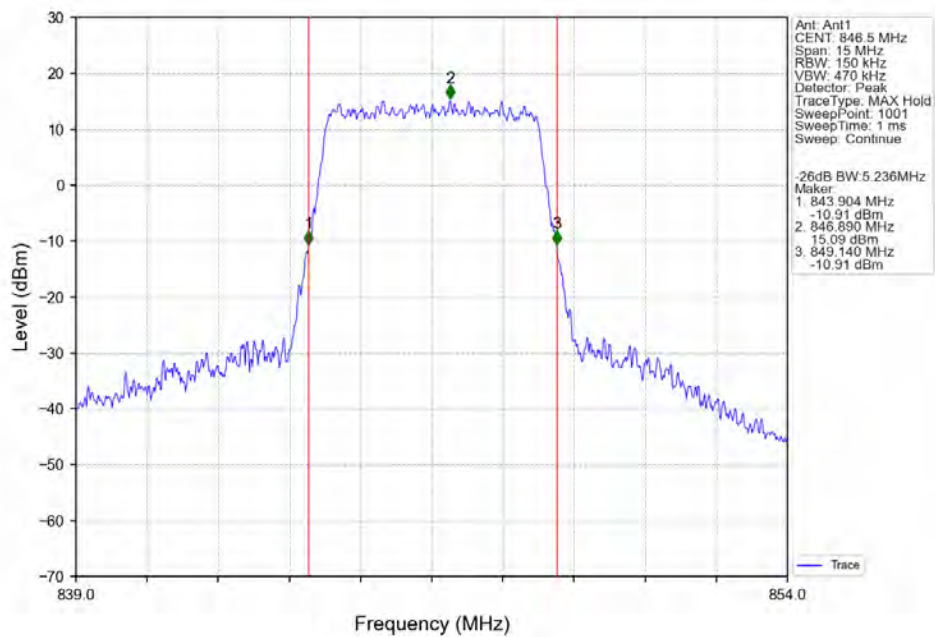
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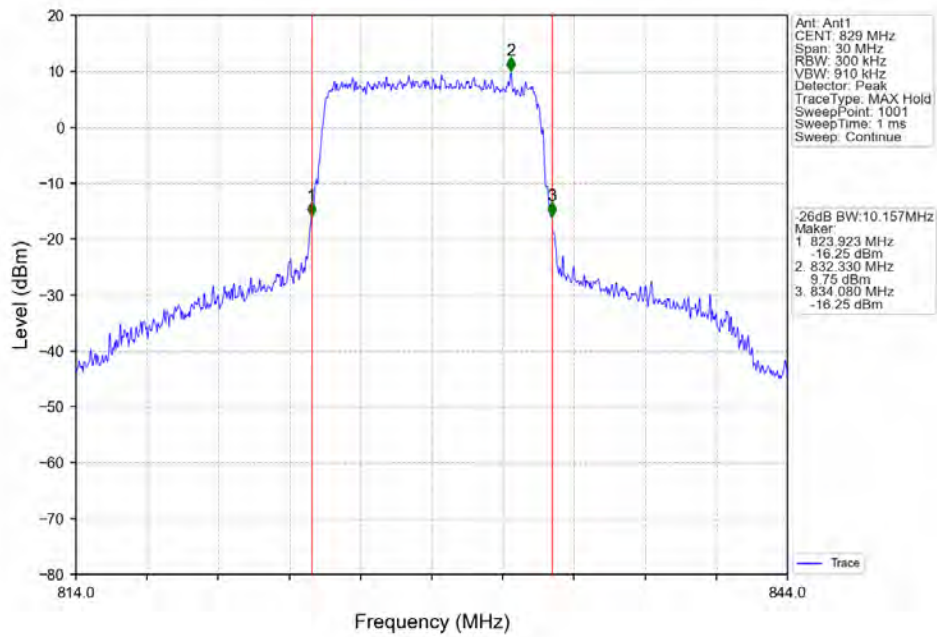
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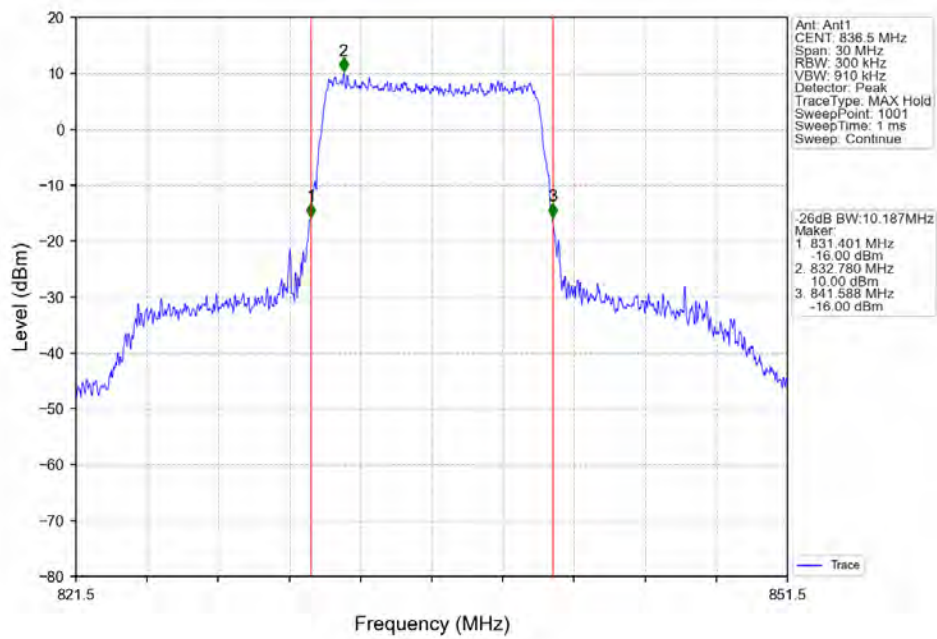
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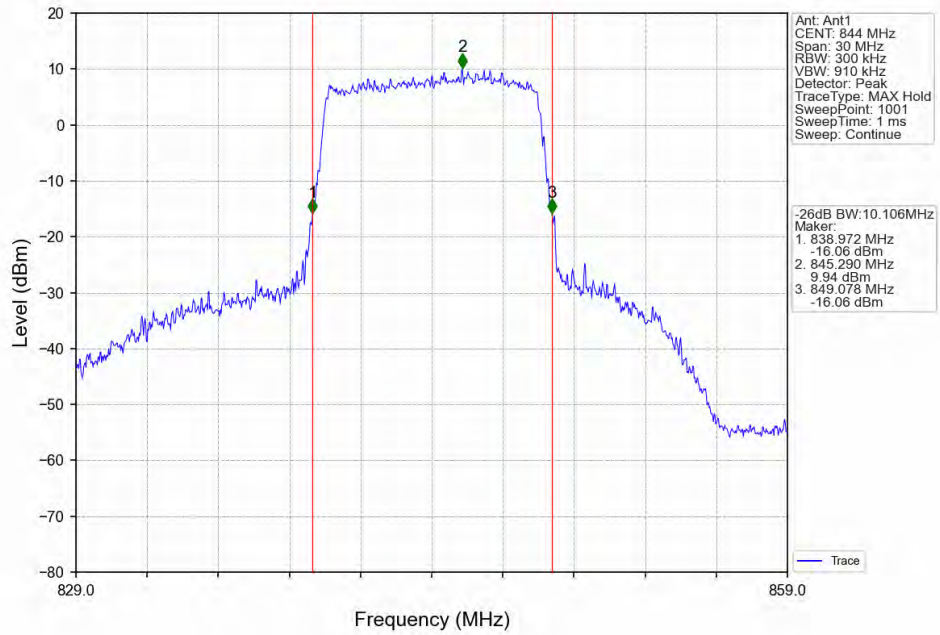
Band26b 10MHz QPSK LCH 829MHz RB 50 0 NTNV



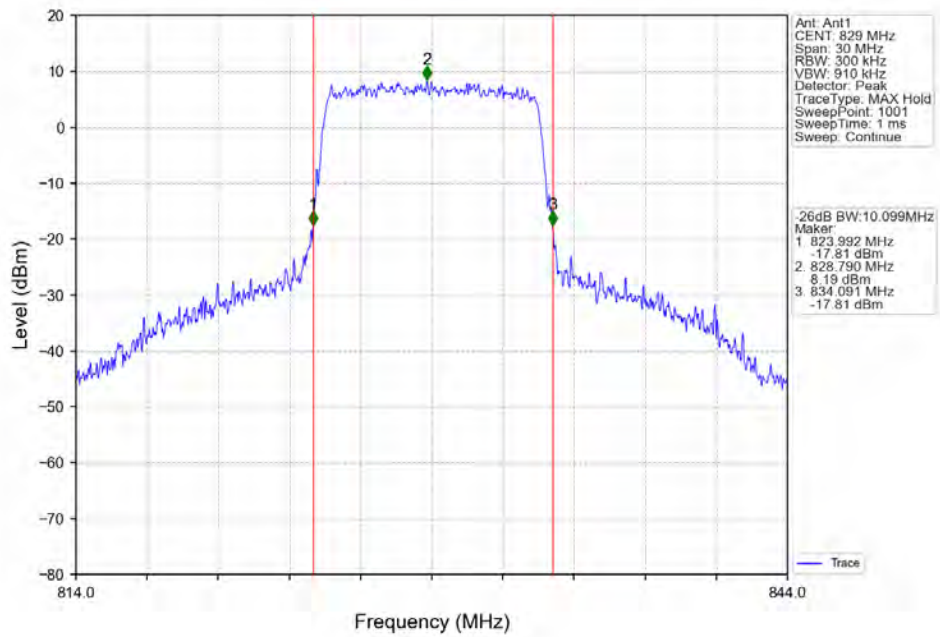
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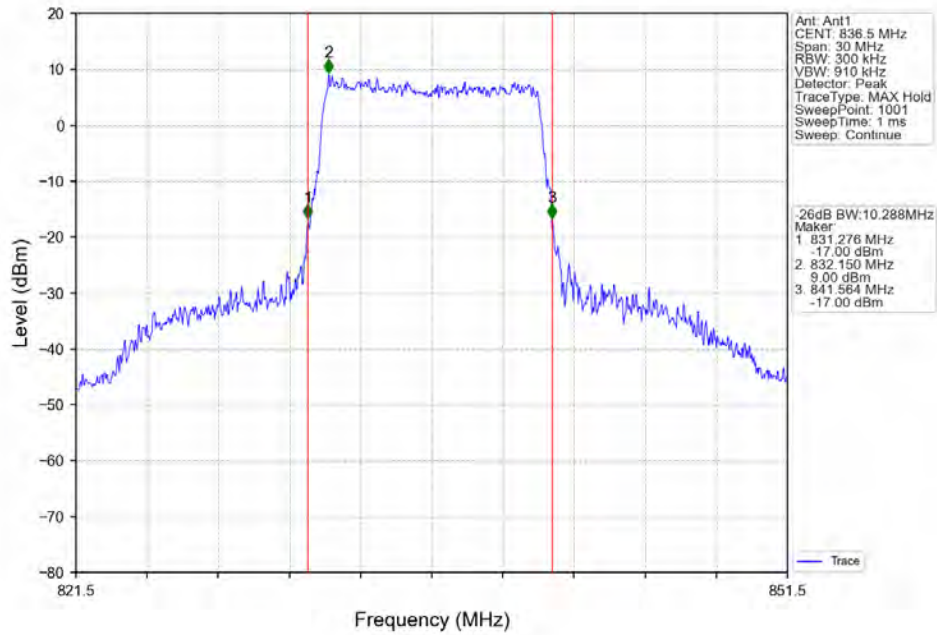
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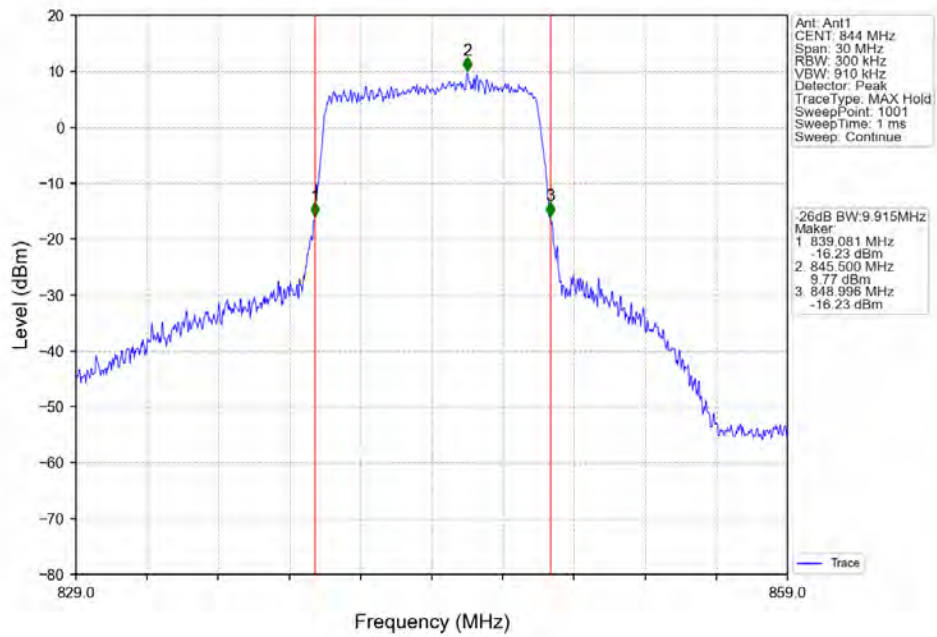
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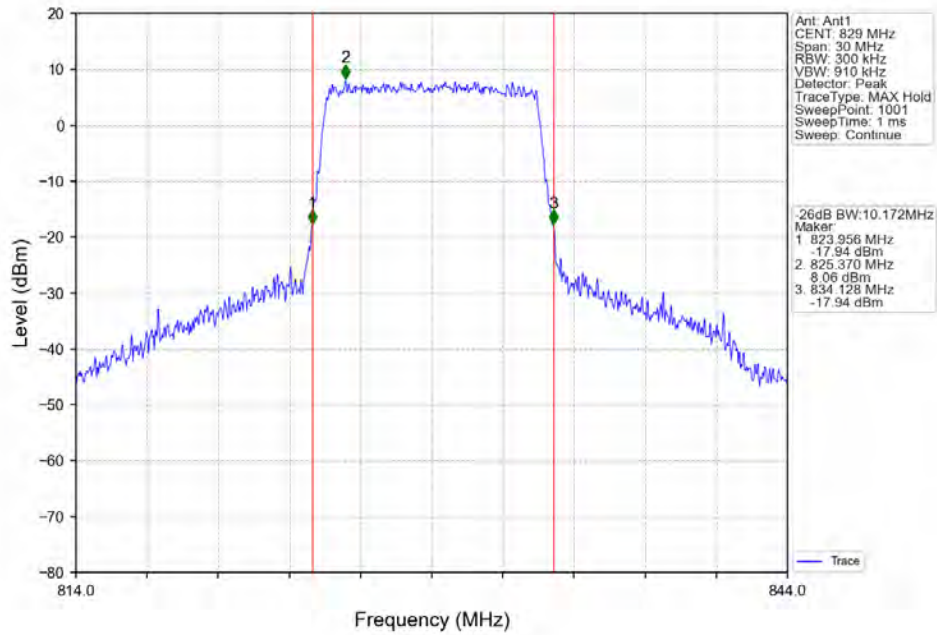
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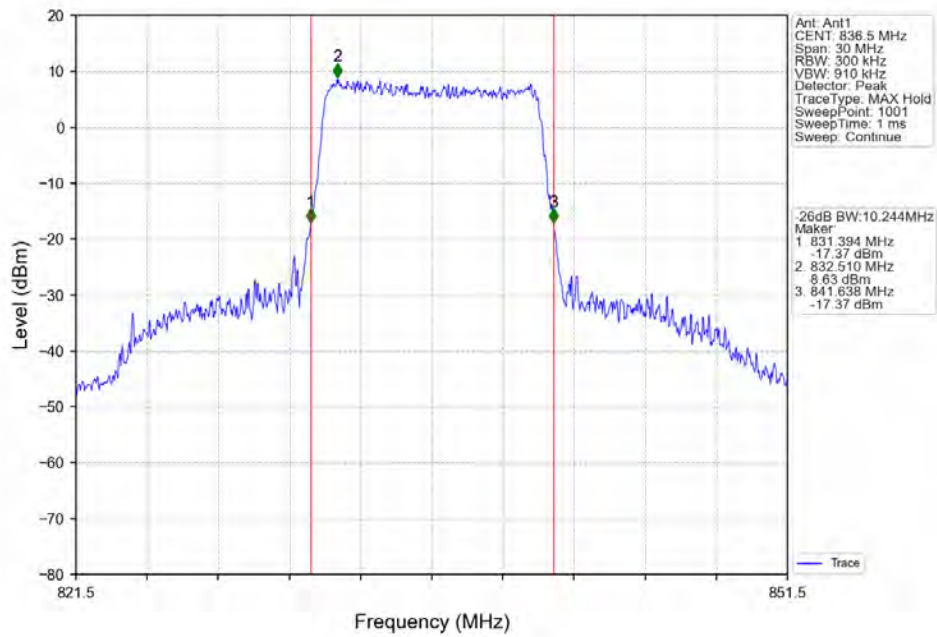
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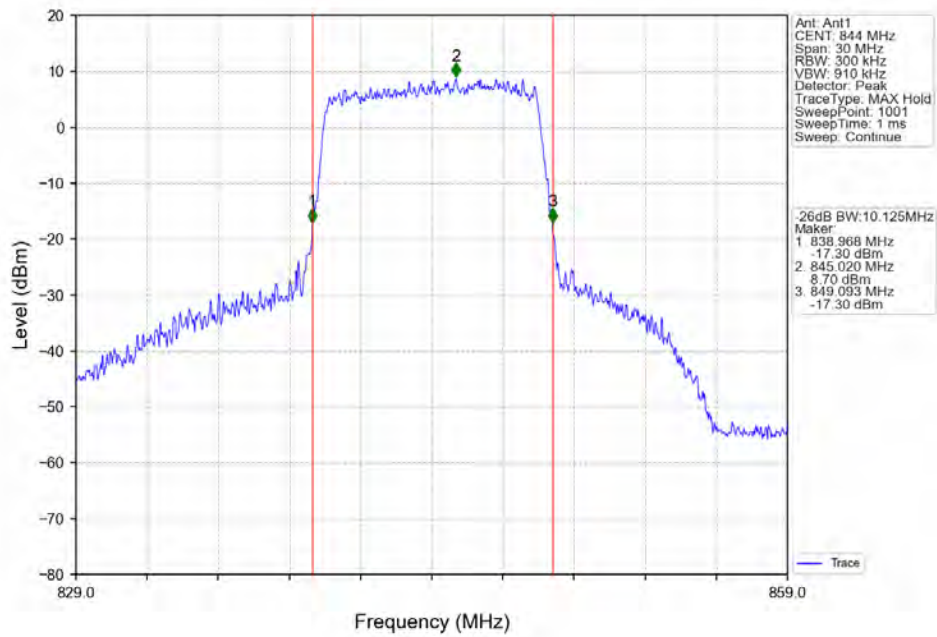
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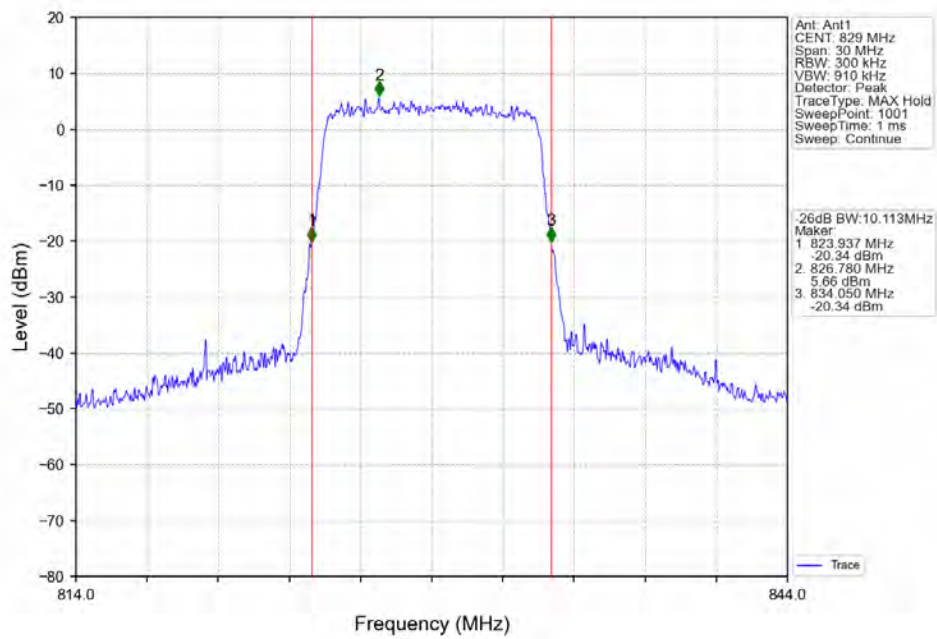
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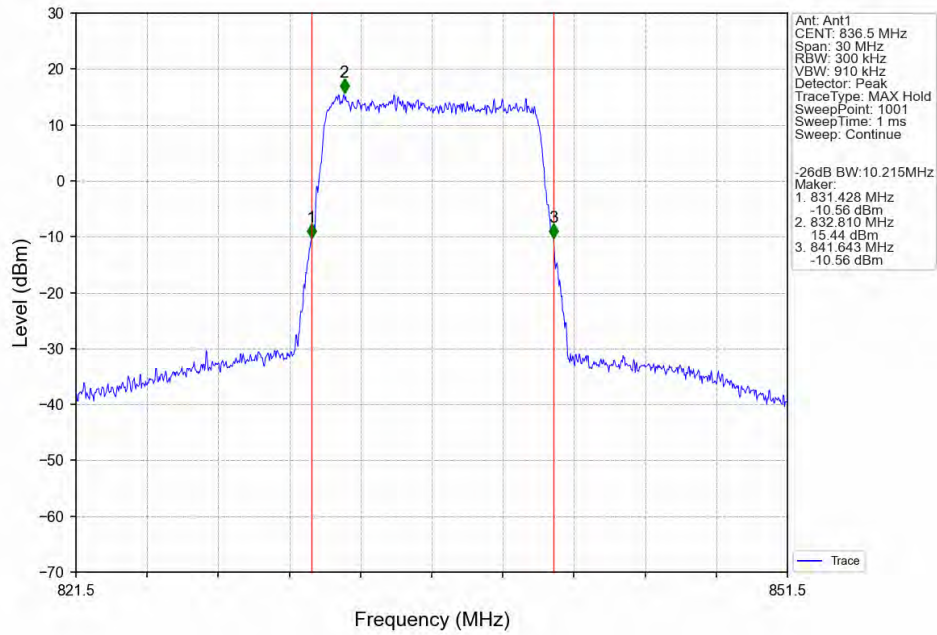
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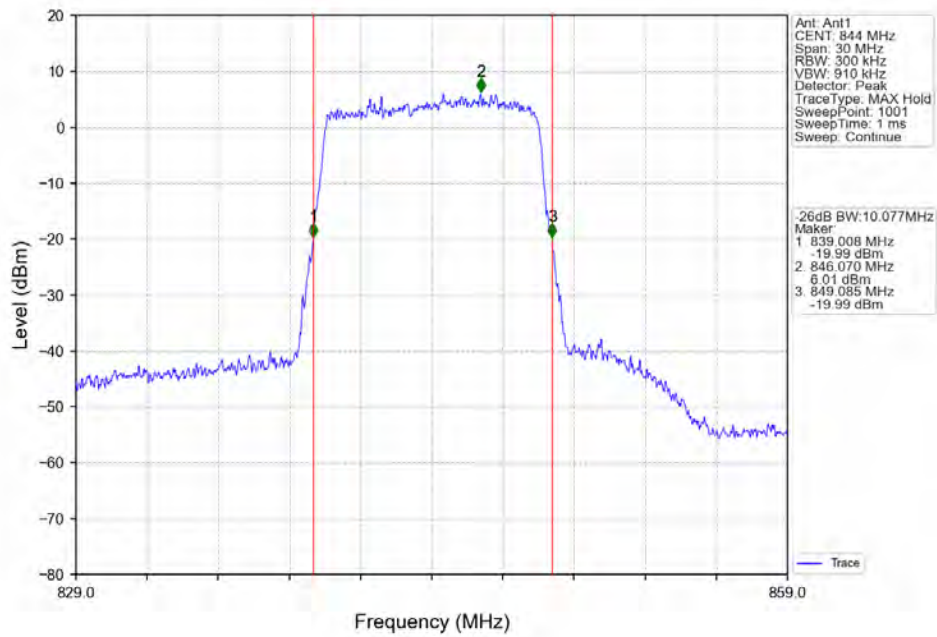
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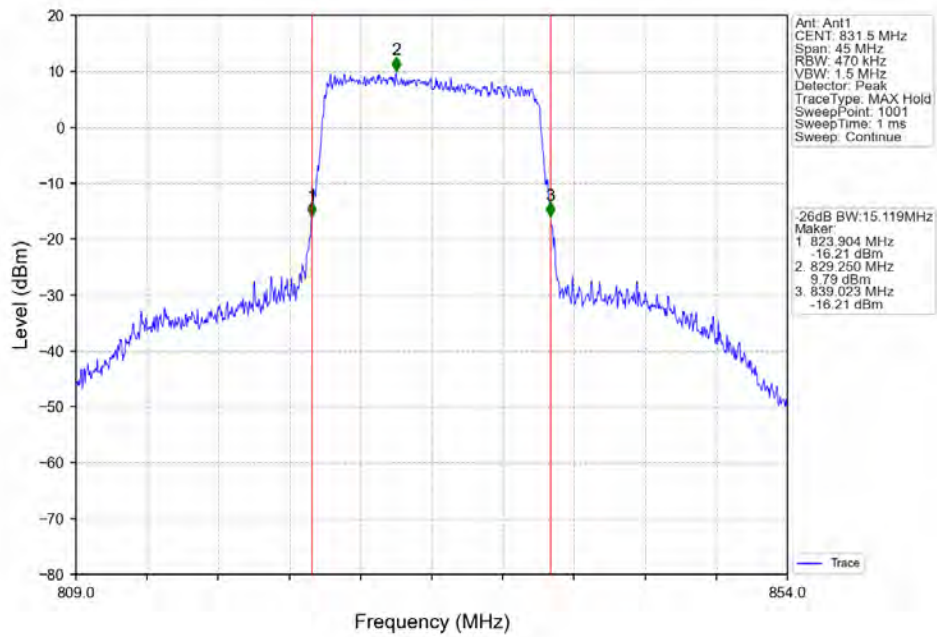
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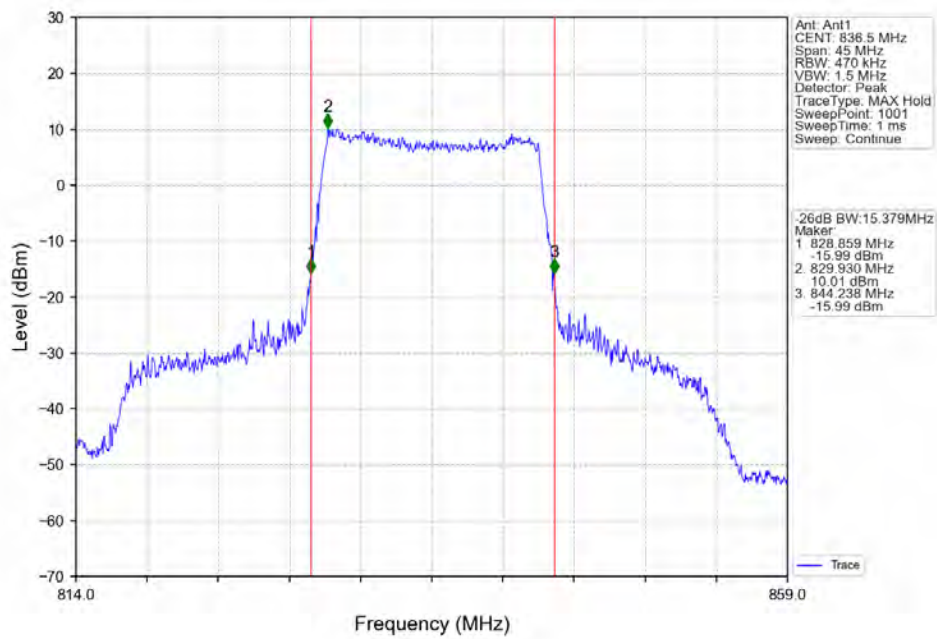
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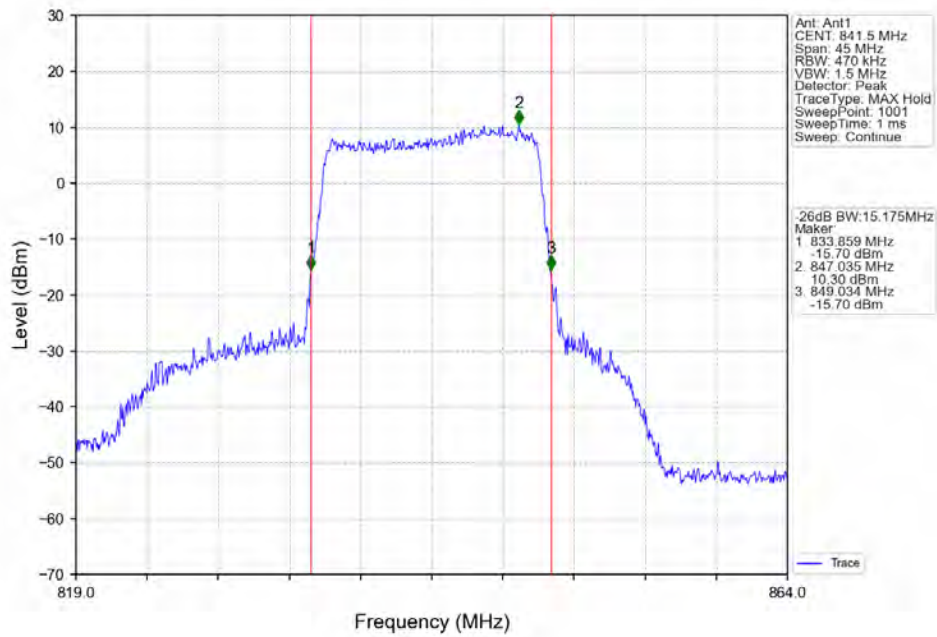
Band26b 15MHz QPSK LCH 831.5MHz RB 75.0 NTNV



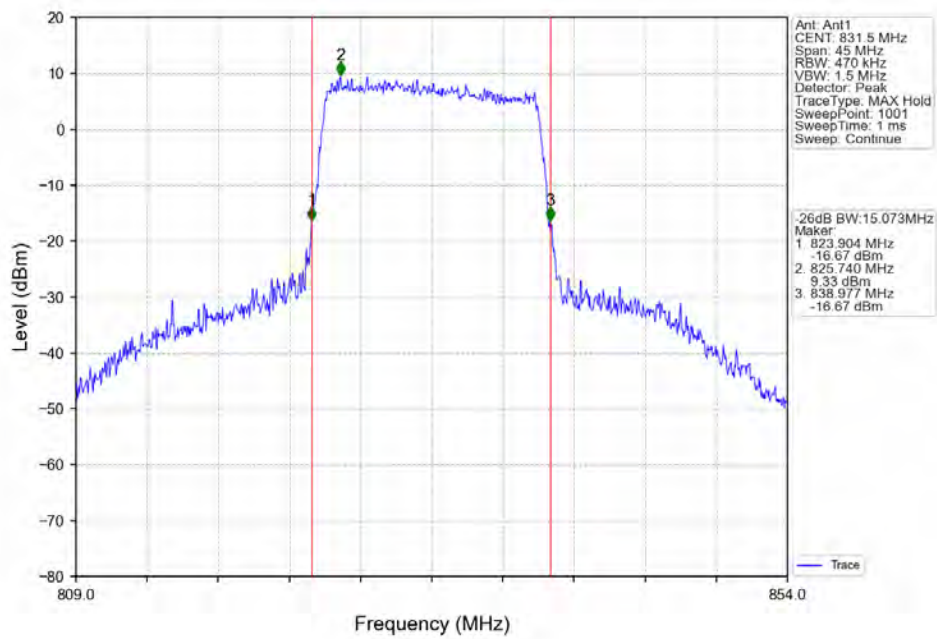
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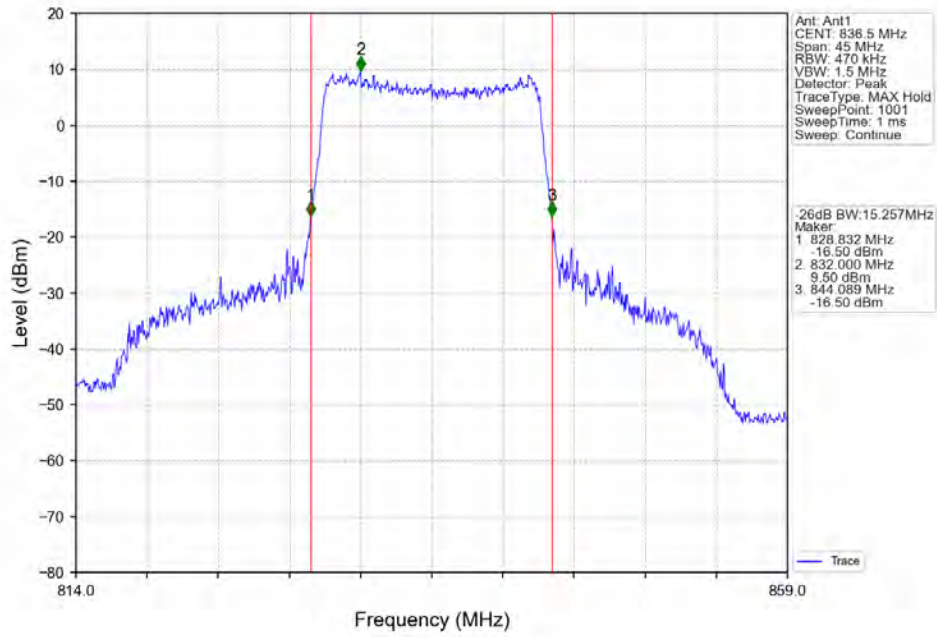
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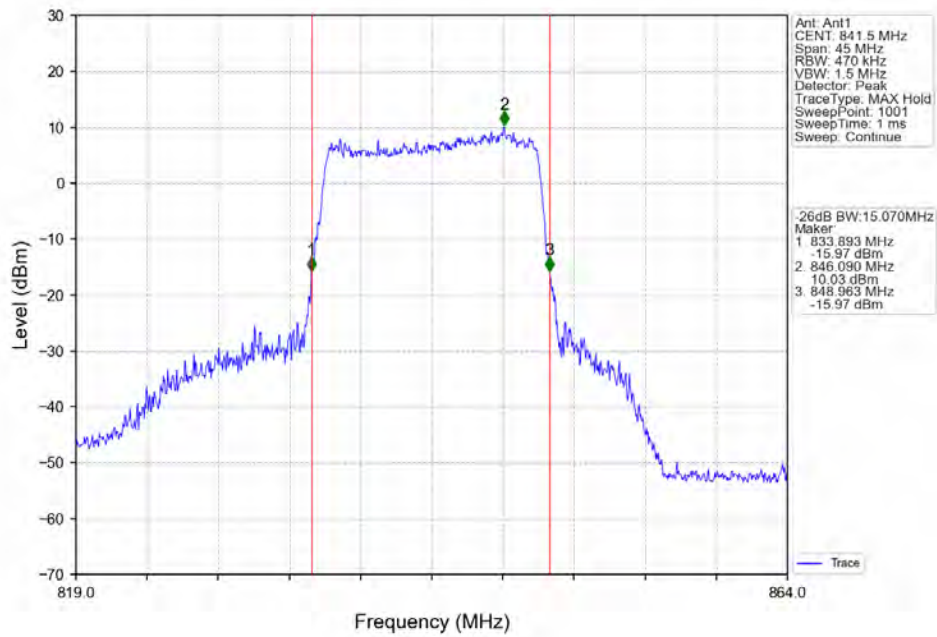
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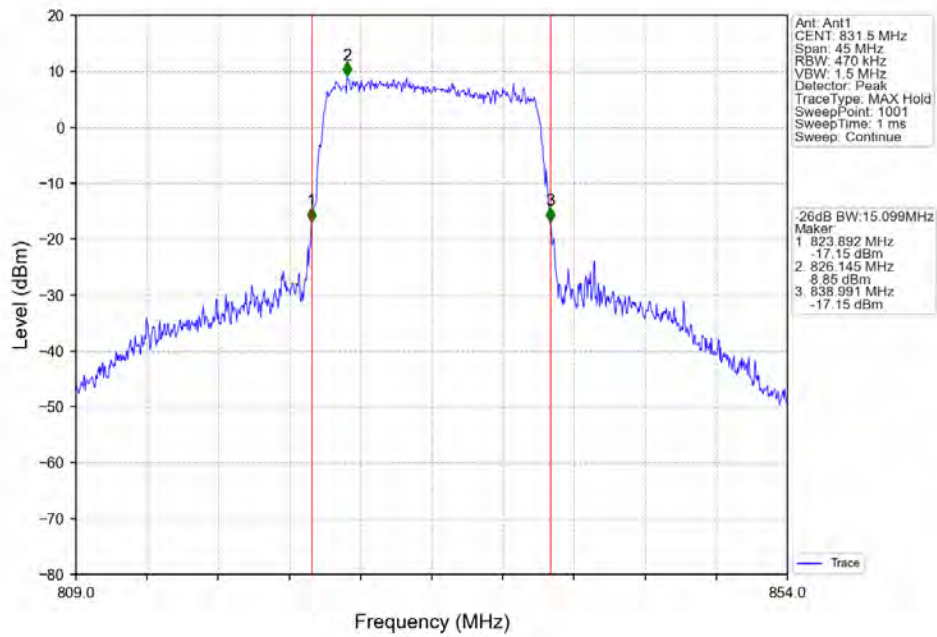
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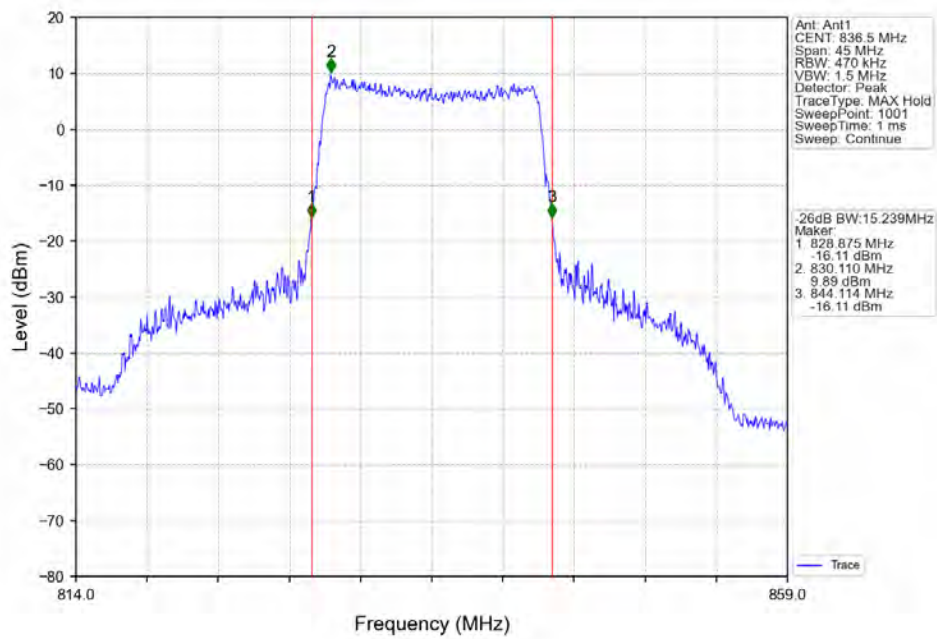
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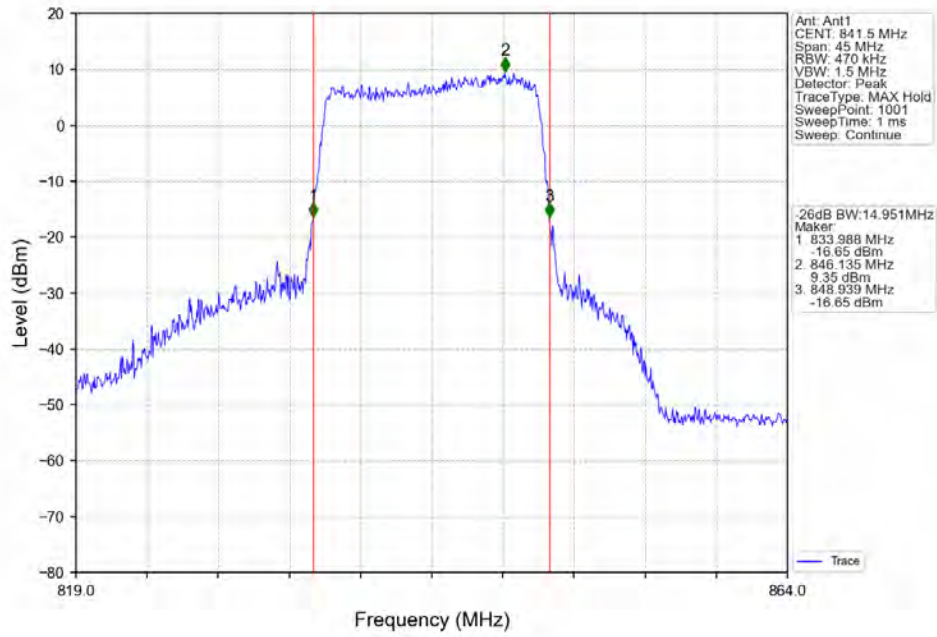
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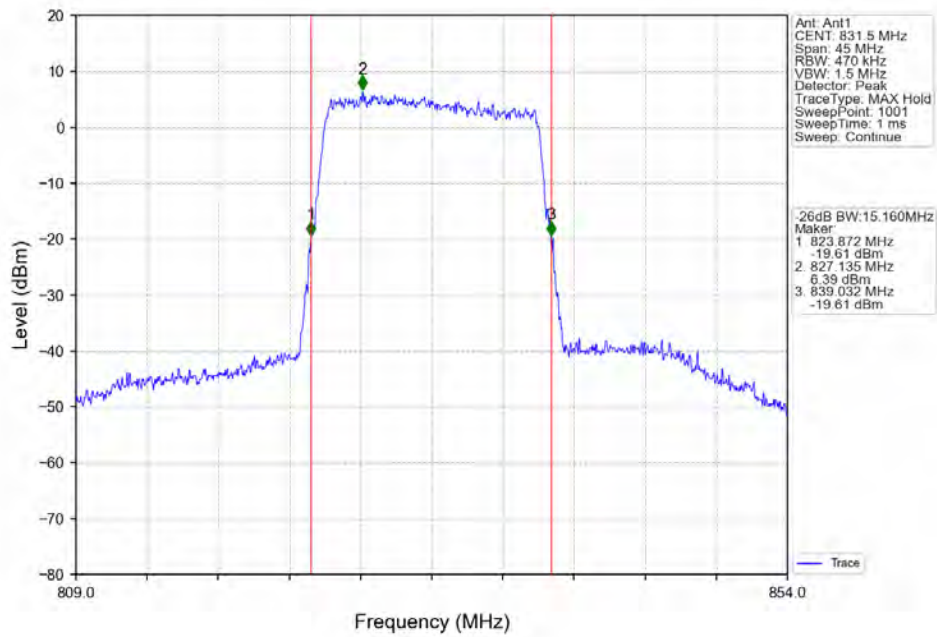
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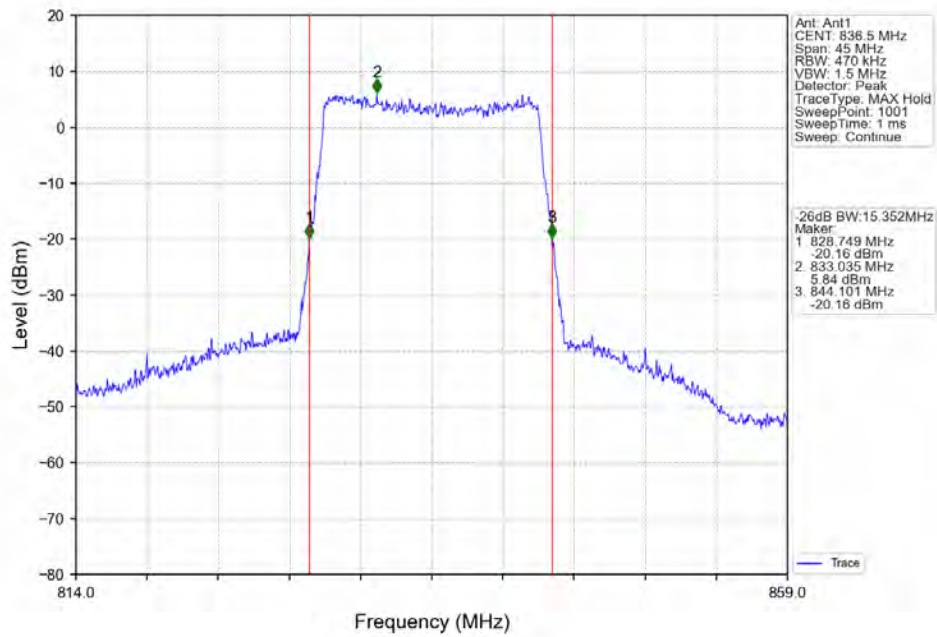
Band26b 15MHz 64QAM HCH 841.5MHz RB 75 0 NTNV



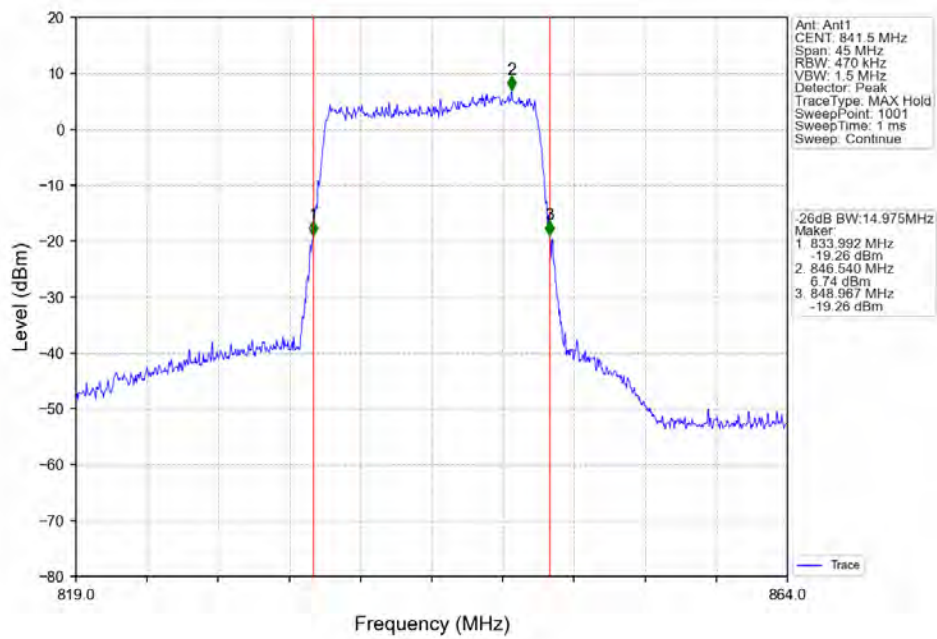
Band26b 15MHz 256QAM LCH 831.5MHz RB 75 0 NTNV



Band26b 15MHz 256QAM MCH 836.5MHz RB 75 0 NTNV



Band26b 15MHz 256QAM HCH 841.5MHz RB 75 0 NTNV



4. Peak-Average Ratio

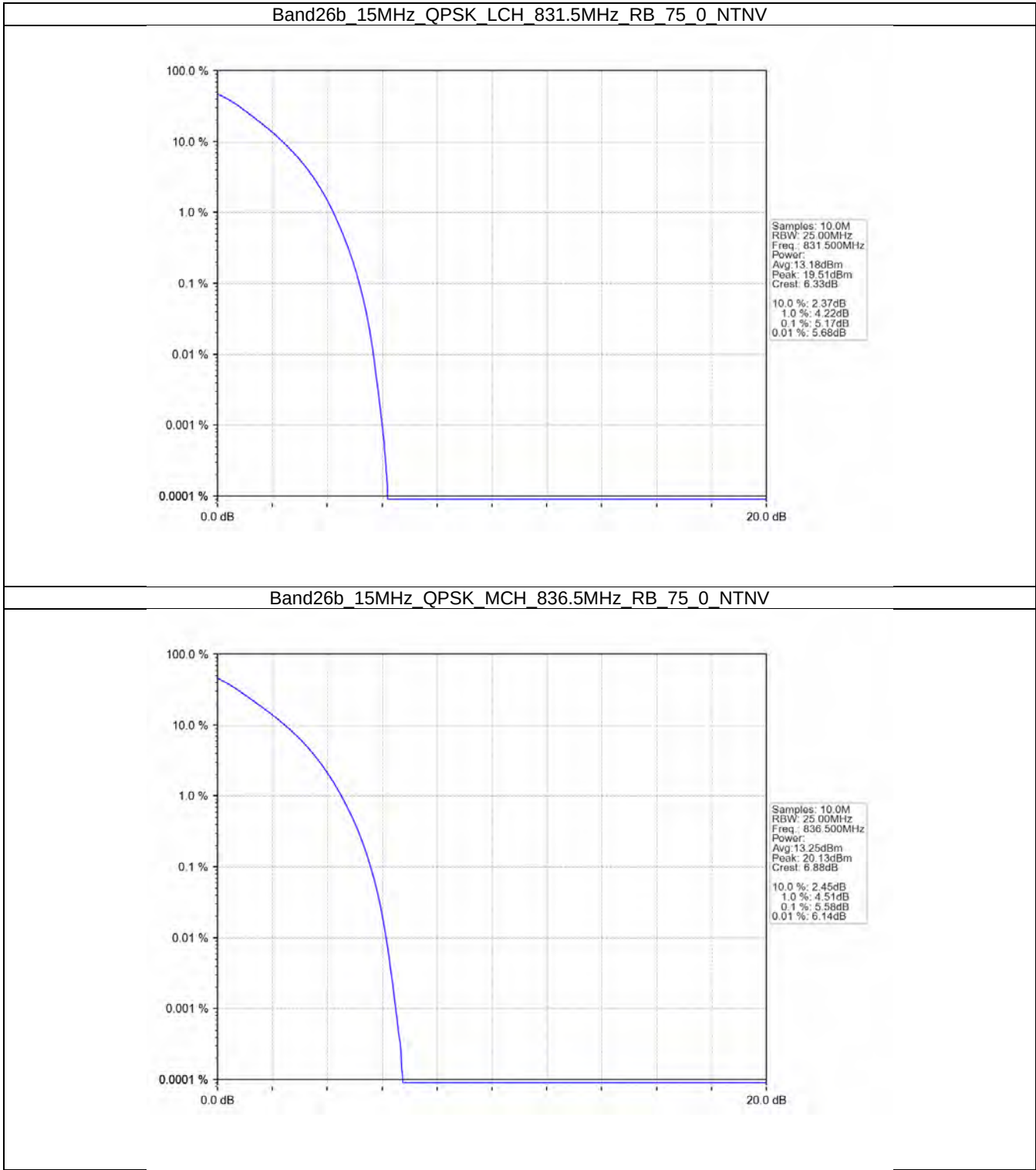
4.1 Test Result

4.1.1 B26b_15MHz

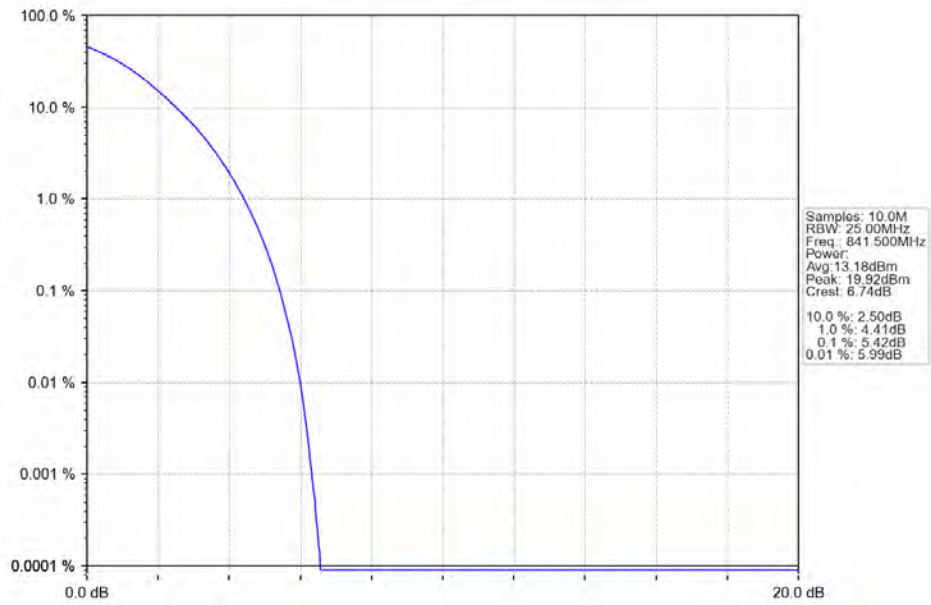
Band: 26b / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	75	0	5.17	<=13	Pass
	836.5	75	0	5.58	<=13	Pass
	841.5	75	0	5.42	<=13	Pass
16QAM	831.5	75	0	5.93	<=13	Pass
	836.5	75	0	6.24	<=13	Pass
	841.5	75	0	6.12	<=13	Pass
64QAM	831.5	75	0	5.91	<=13	Pass
	836.5	75	0	6.24	<=13	Pass
	841.5	75	0	6.13	<=13	Pass
256QAM	831.5	75	0	6.50	<=13	Pass
	836.5	75	0	6.75	<=13	Pass
	841.5	75	0	6.67	<=13	Pass

4.2 Test Graph

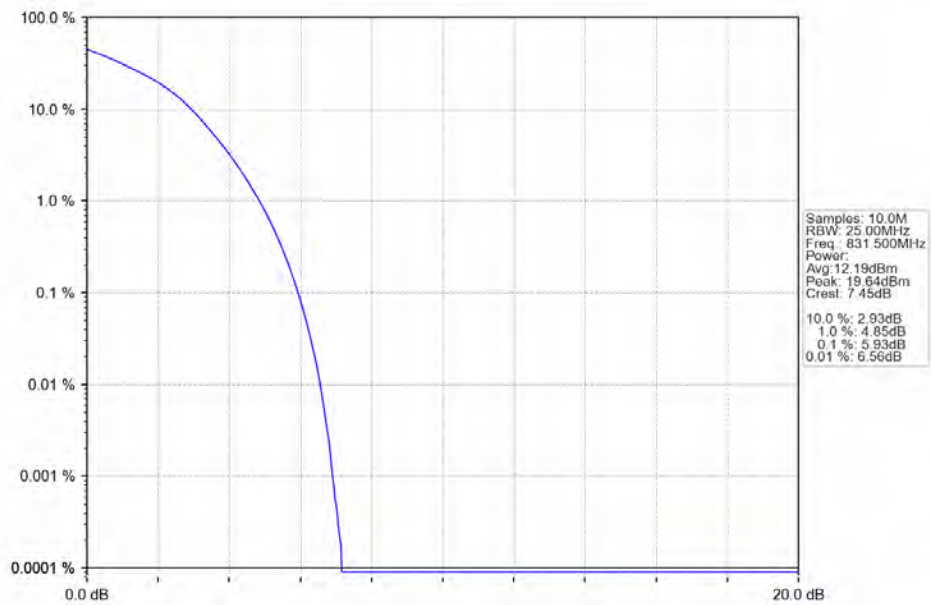
4.2.1 B26b_15MHz



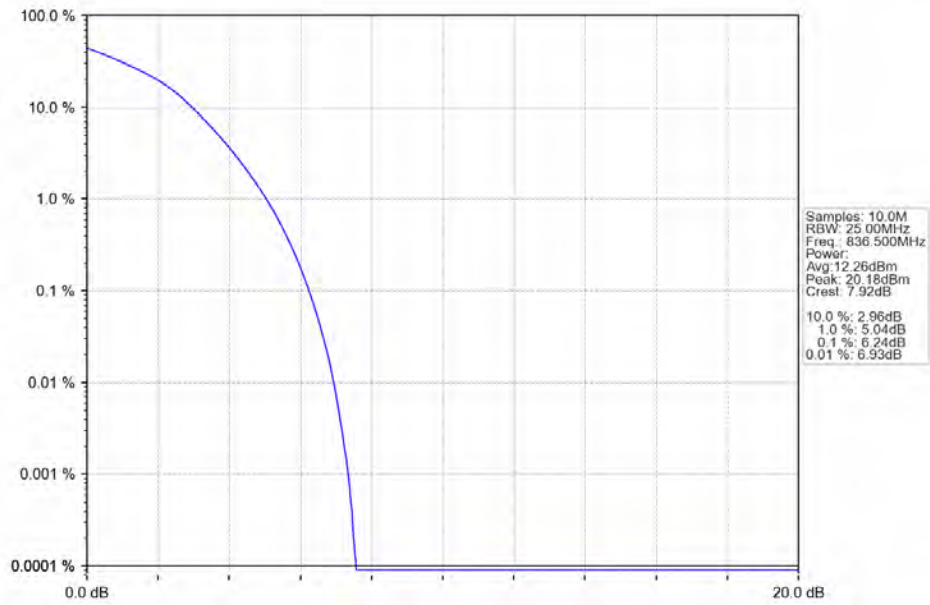
Band26b 15MHz QPSK HCH 841.5MHz RB 75 0 NTNV



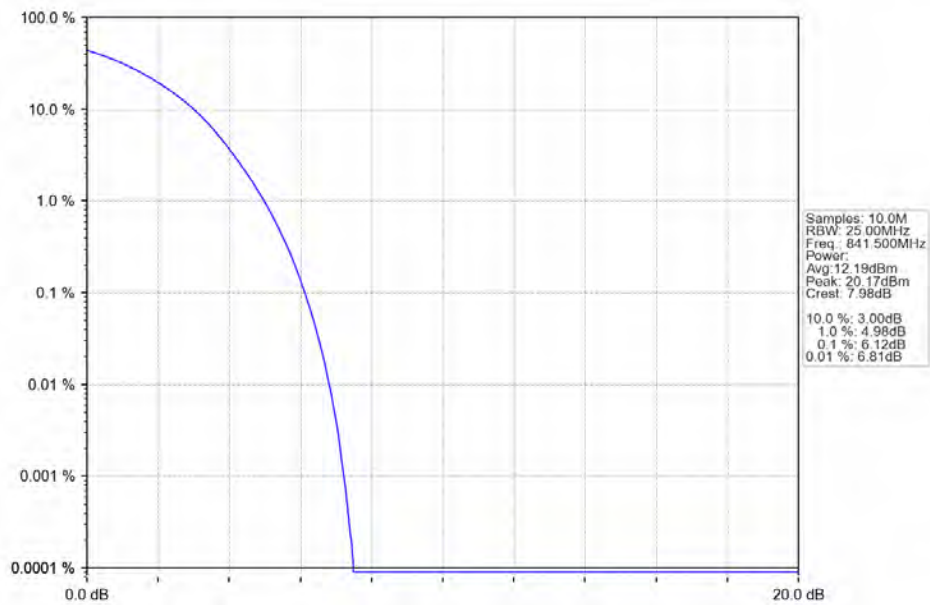
Band26b 15MHz 16QAM LCH 831.5MHz RB 75 0 NTNV



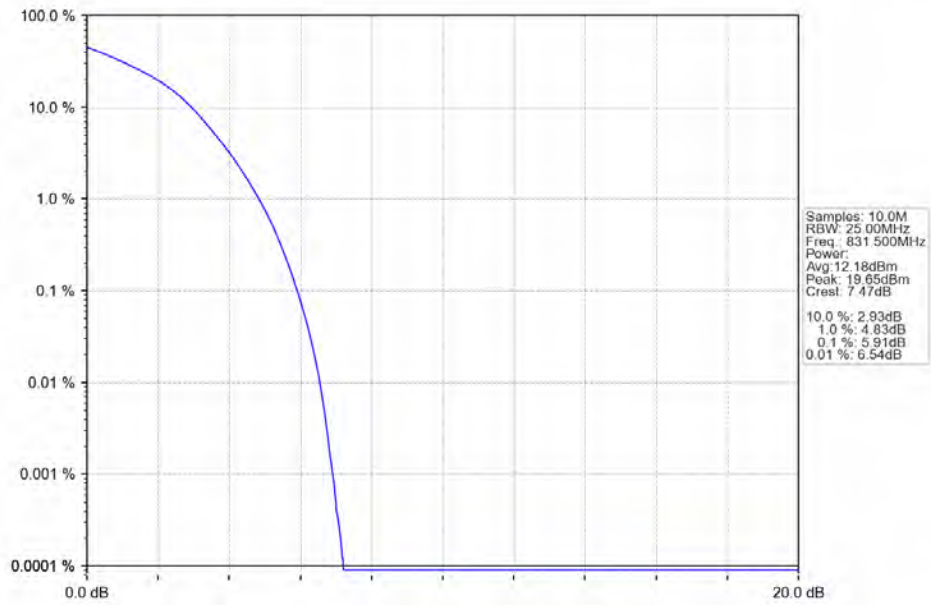
Band26b 15MHz 16QAM MCH 836.5MHz RB 75 0 NTNV



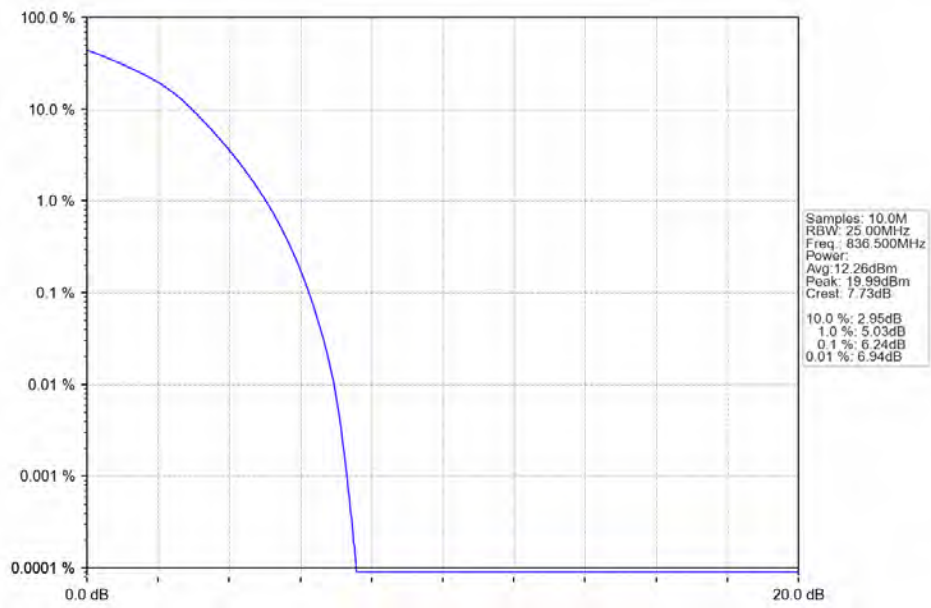
Band26b 15MHz 16QAM HCH 841.5MHz RB 75 0 NTNV



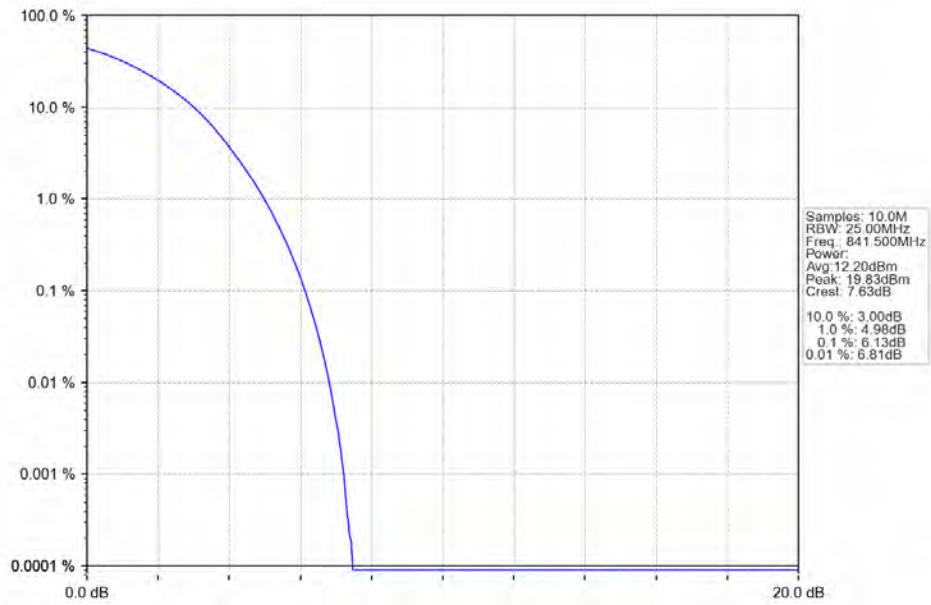
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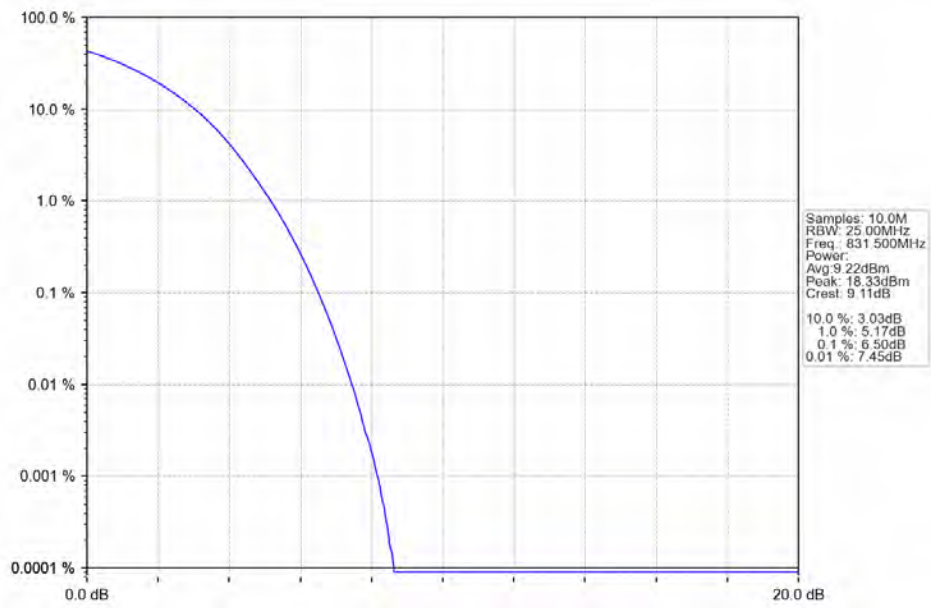
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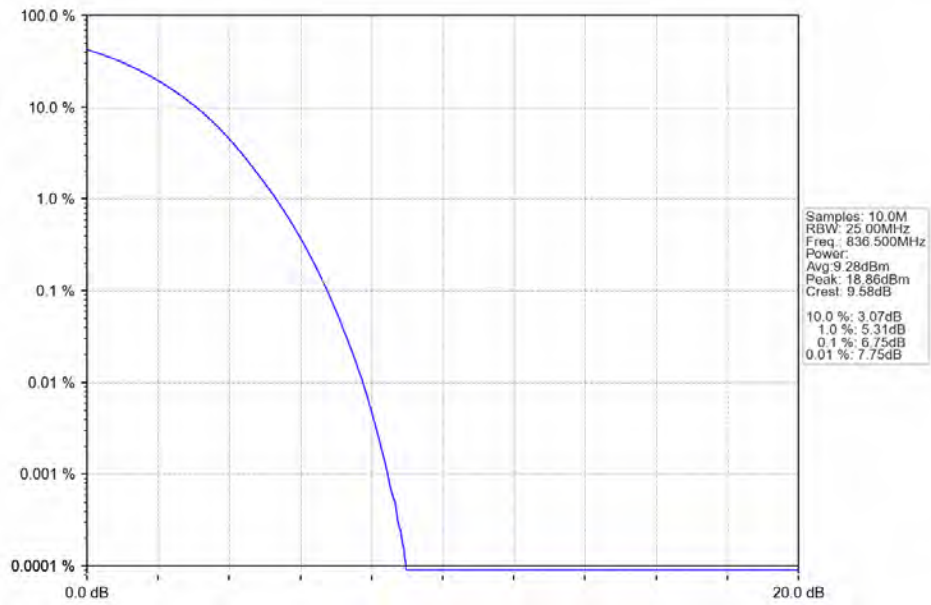
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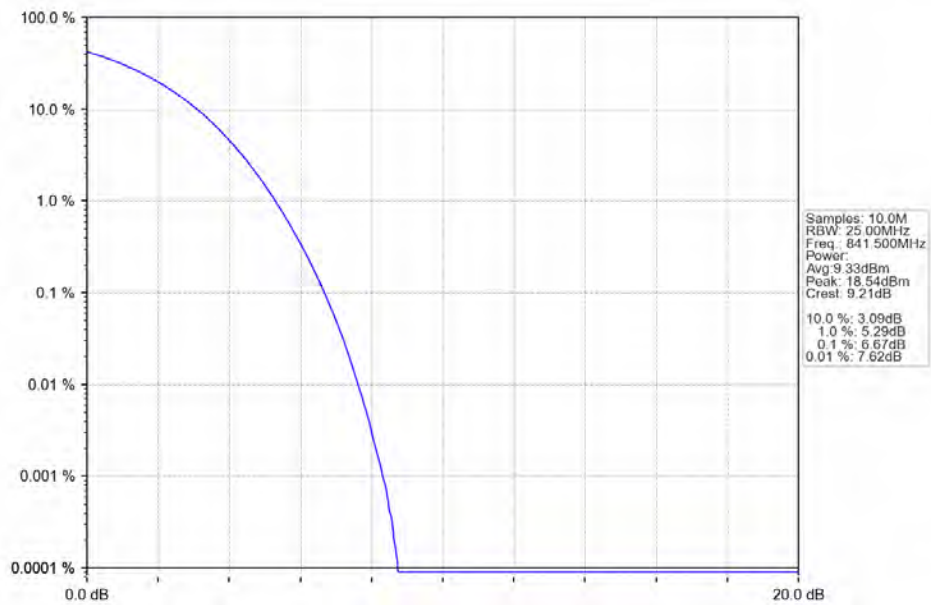
Band26b 15MHz 256QAM LCH 831.5MHz RB 75 0 NTNV



Band26b 15MHz 256QAM MCH 836.5MHz RB 75 0 NTNV



Band26b 15MHz 256QAM HCH 841.5MHz RB 75 0 NTNV



5. Spurious Emission & Band Edges

5.1 Test Result

5.1.1 B26b_1.4MHz

Band: 26b / Bandwidth: 1.4MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B26b_3MHz

Band: 26b / Bandwidth: 3MHz / NTV						
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

5.1.3 B26b_5MHz

Band: 26b / Bandwidth: 5MHz / NTV						
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

5.1.4 B26b_10MHz

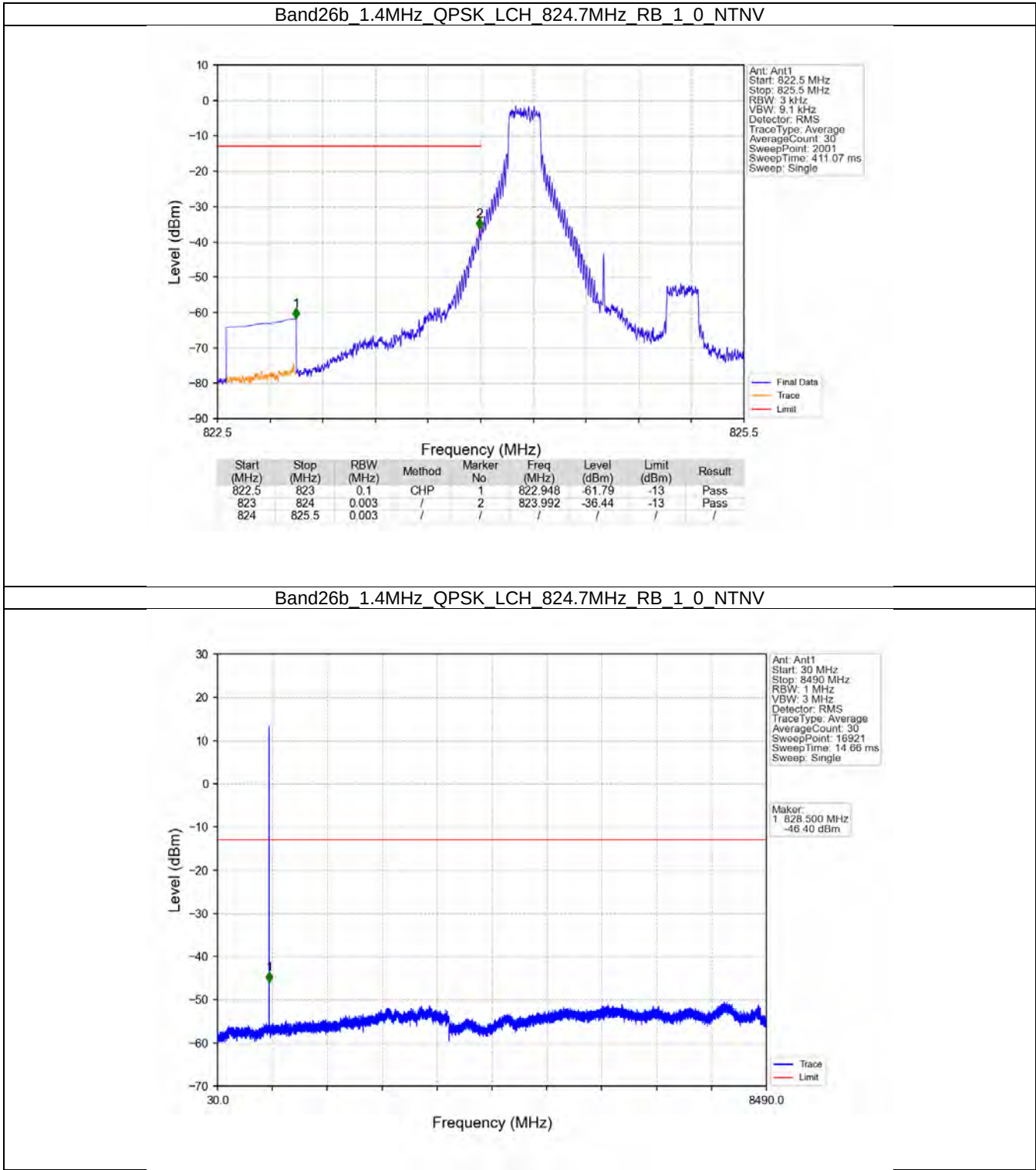
Band: 26b / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.5 B26b_15MHz

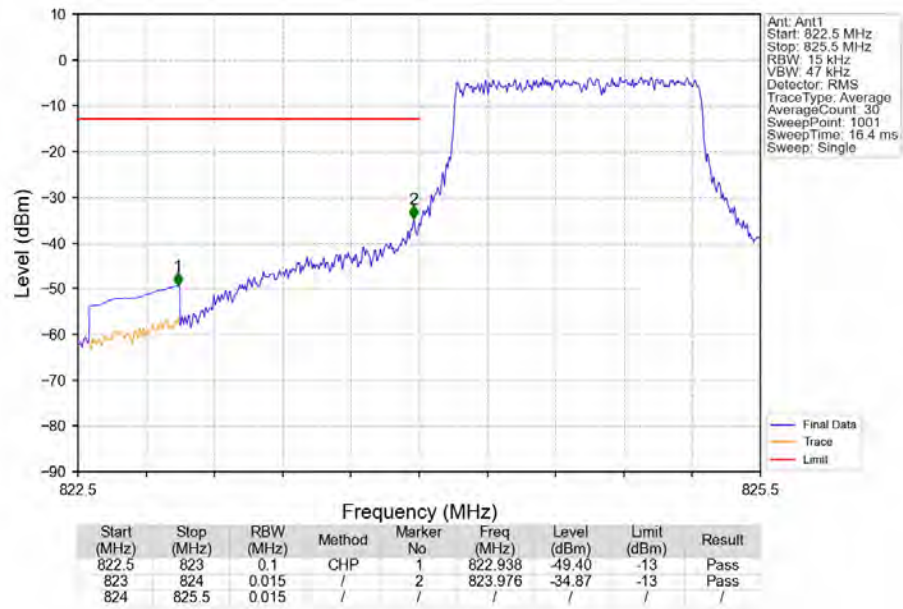
Band: 26b / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	841.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.2 Test Graph

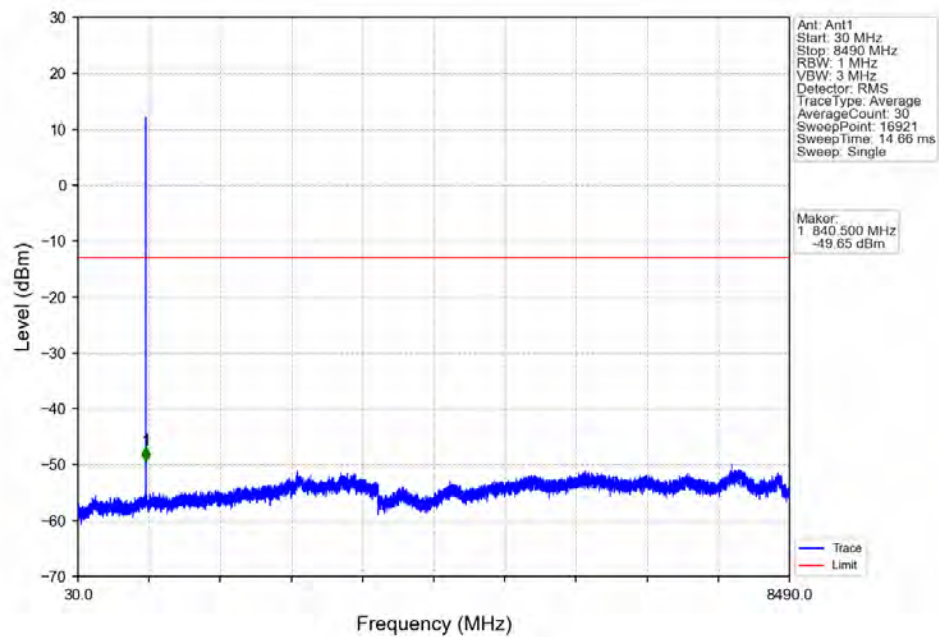
5.2.1 B26b_1.4MHz



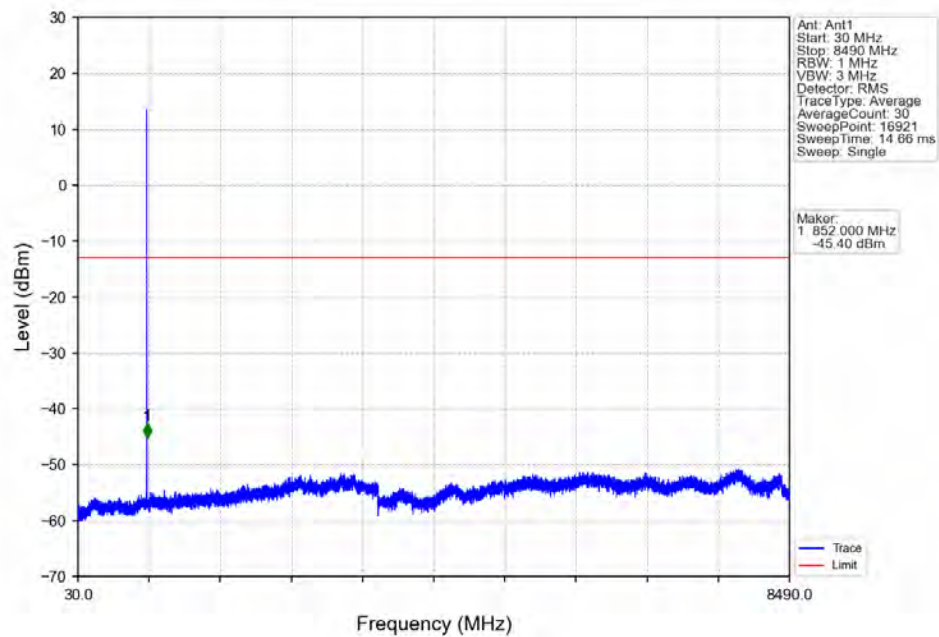
Band26b 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV



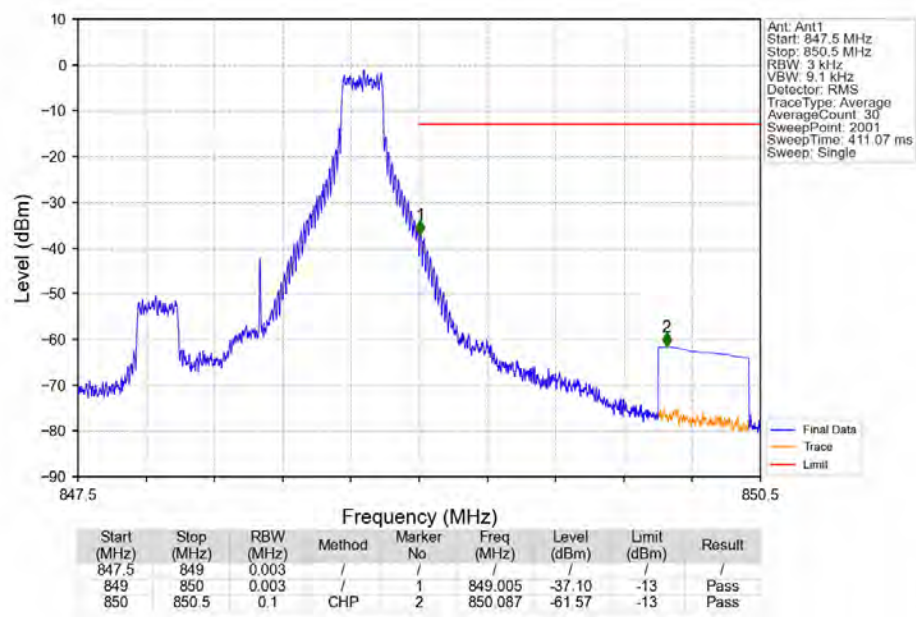
Band26b 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV

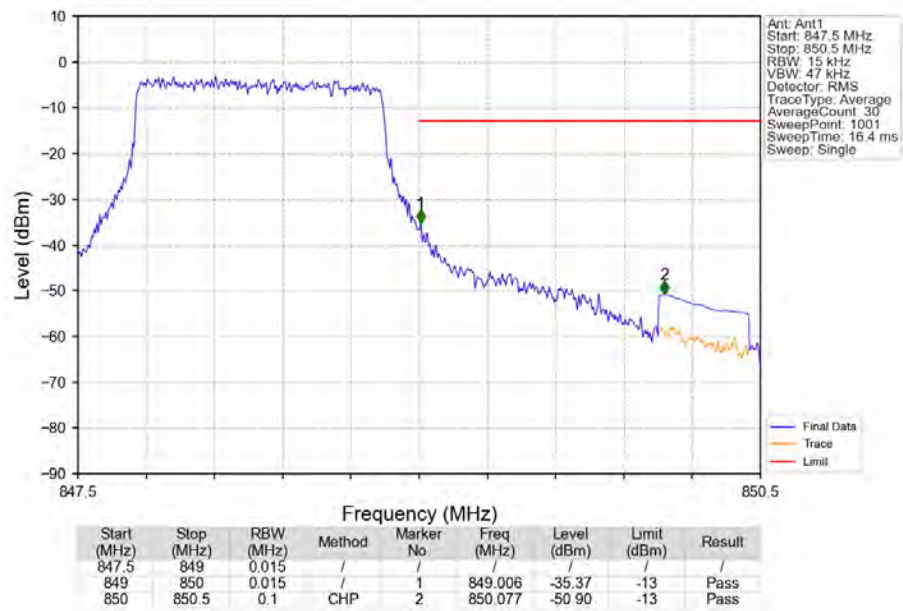


Band26b 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTV

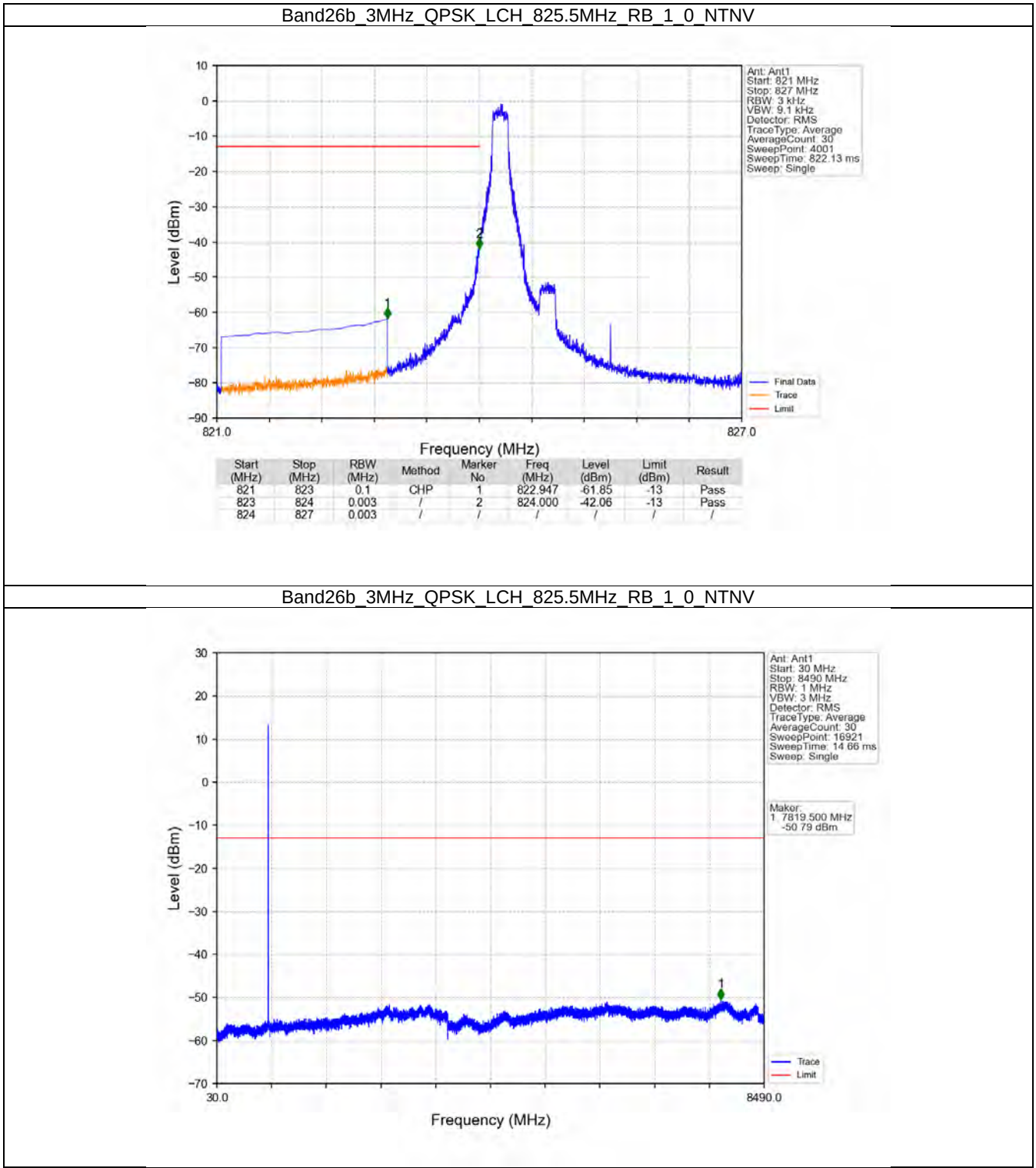


Band26b 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTV

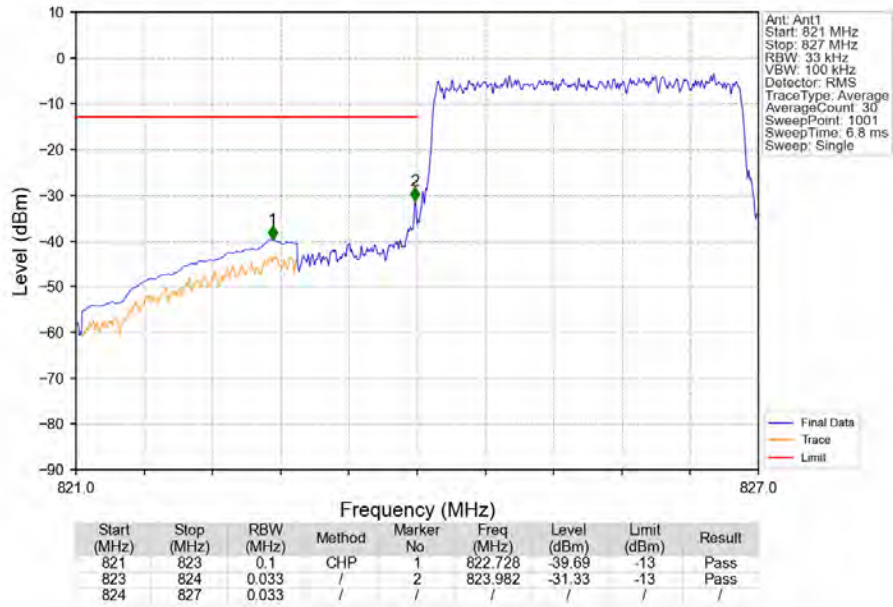




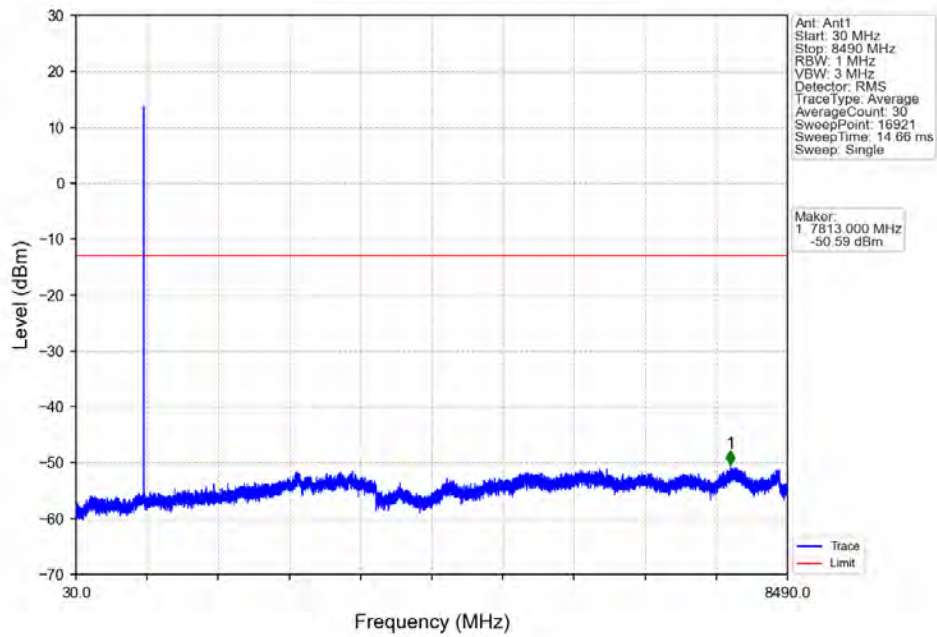
5.2.2 B26b_3MHz



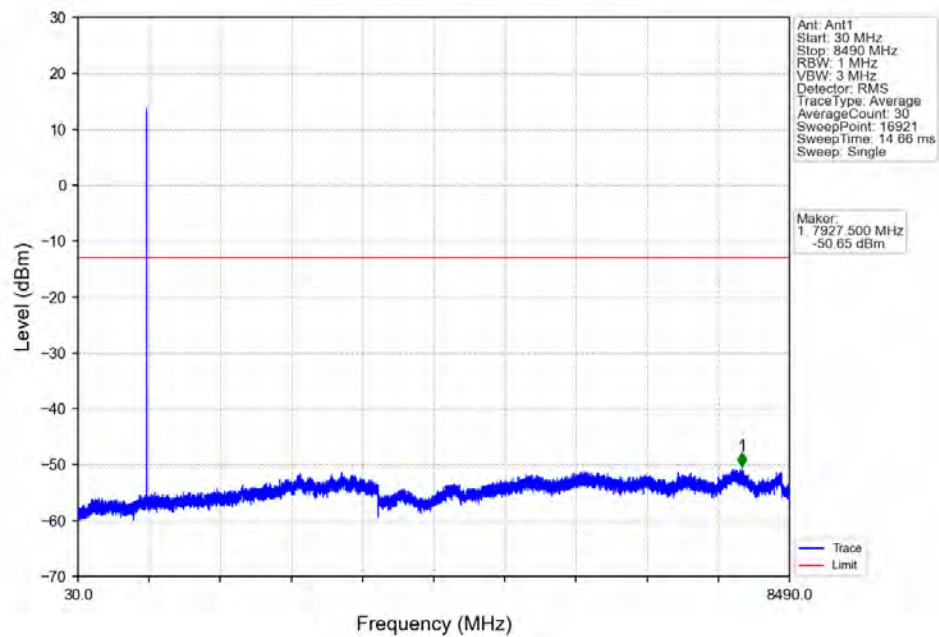
Band26b 3MHz QPSK LCH 825.5MHz RB 15 0 NTV



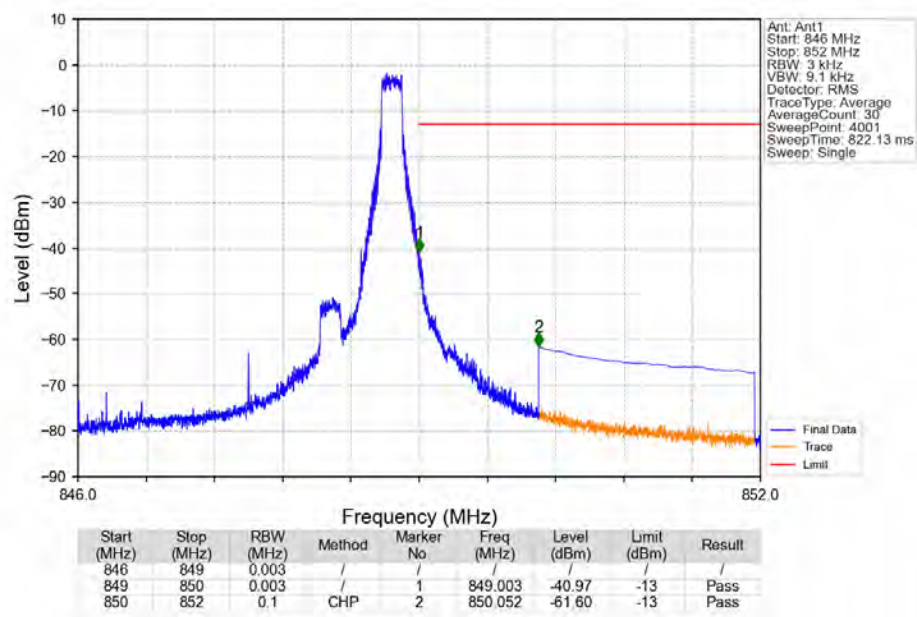
Band26b 3MHz QPSK MCH 836.5MHz RB 1 0 NTV

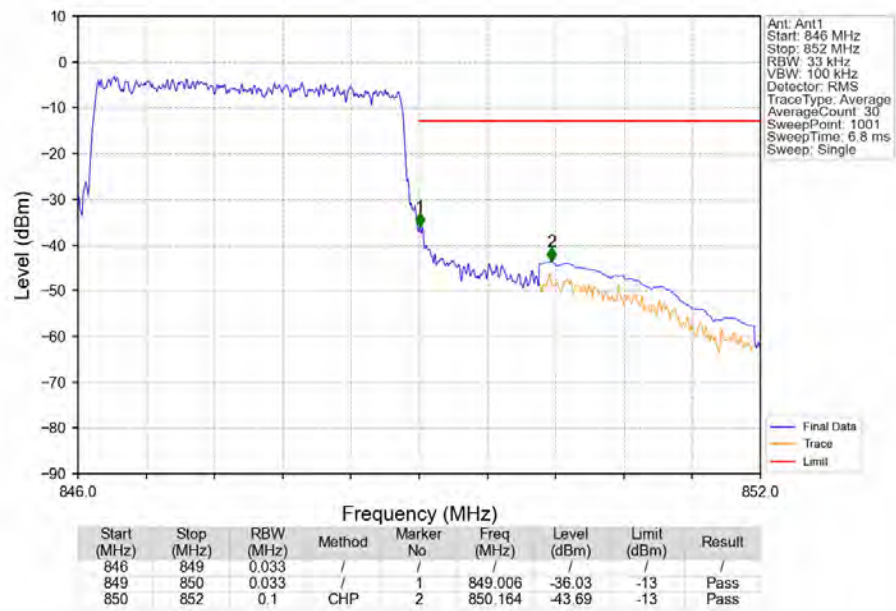


Band26b 3MHz QPSK HCH 847.5MHz RB 1 0 NTV

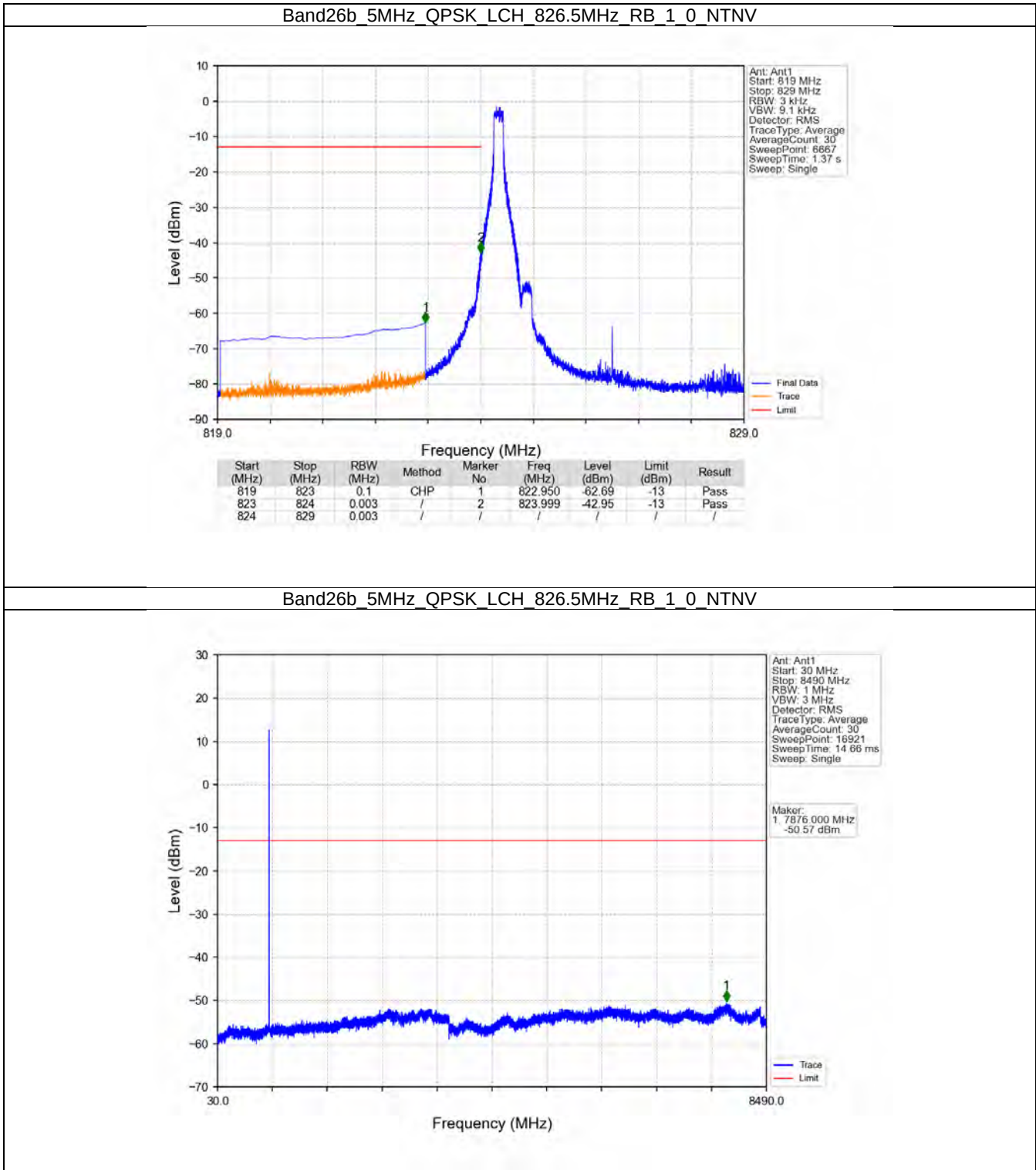


Band26b 3MHz QPSK HCH 847.5MHz RB 1 14 NTV

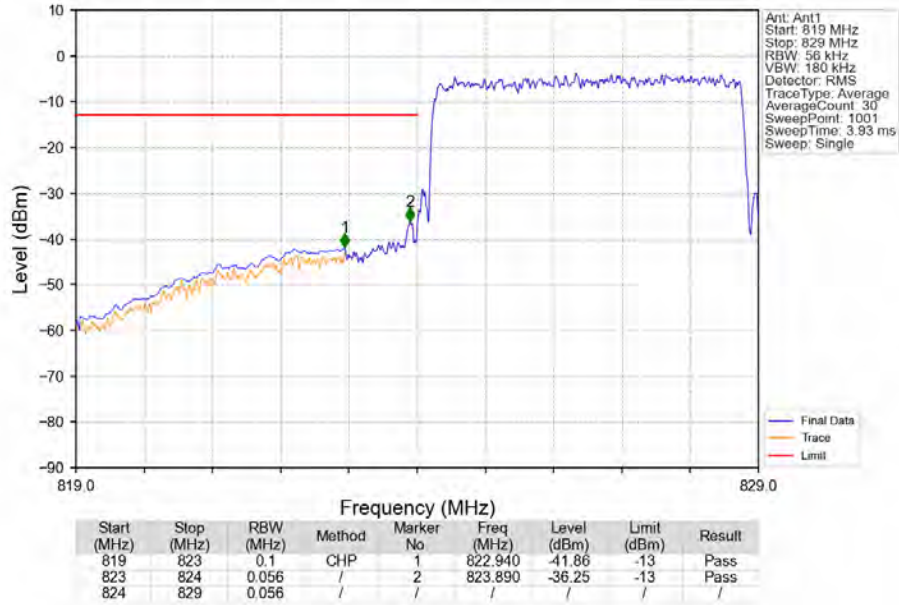




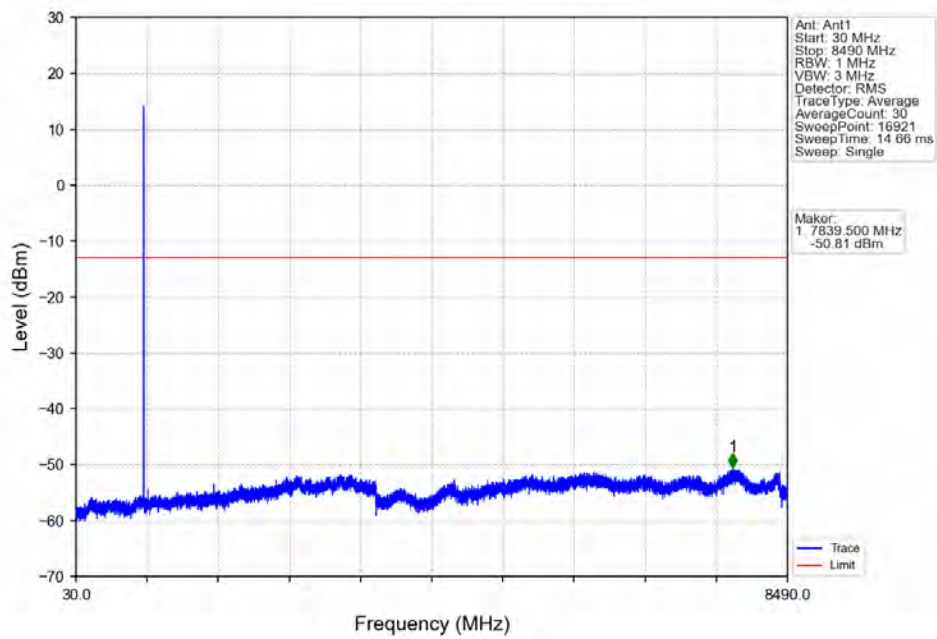
5.2.3 B26b_5MHz



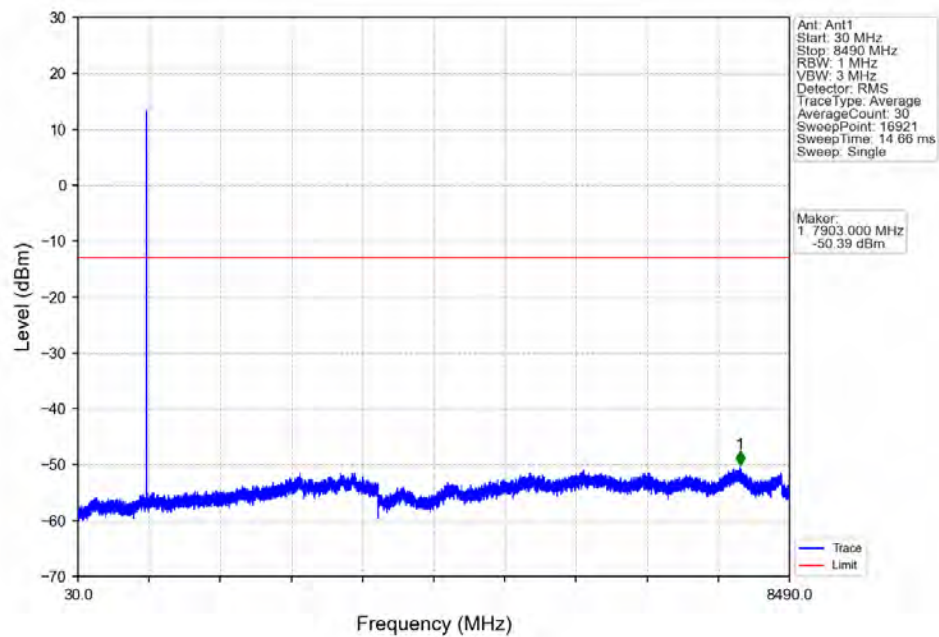
Band26b 5MHz QPSK LCH 826.5MHz RB 25 0 NTV



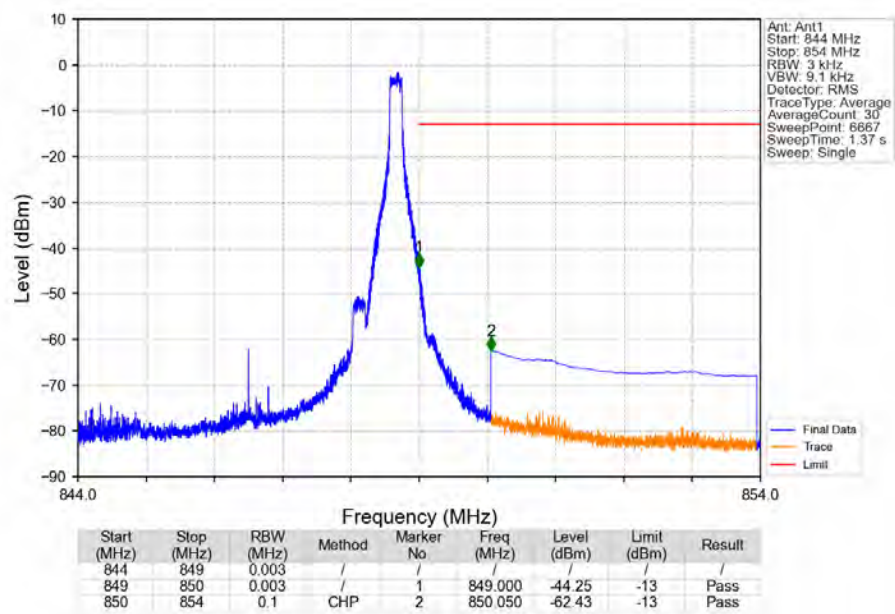
Band26b 5MHz QPSK MCH 836.5MHz RB 1 0 NTV

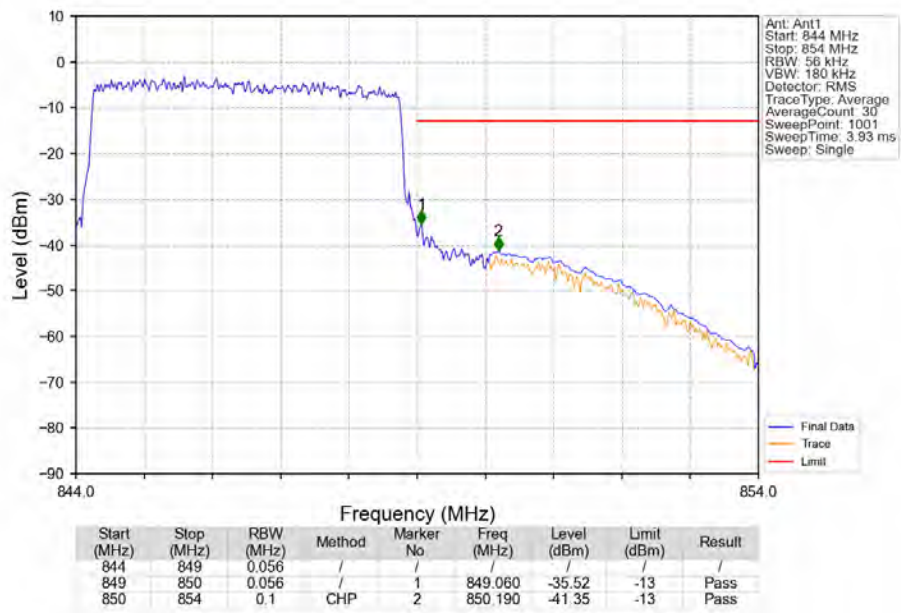


Band26b 5MHz QPSK HCH 846.5MHz RB 1 0 NTNV

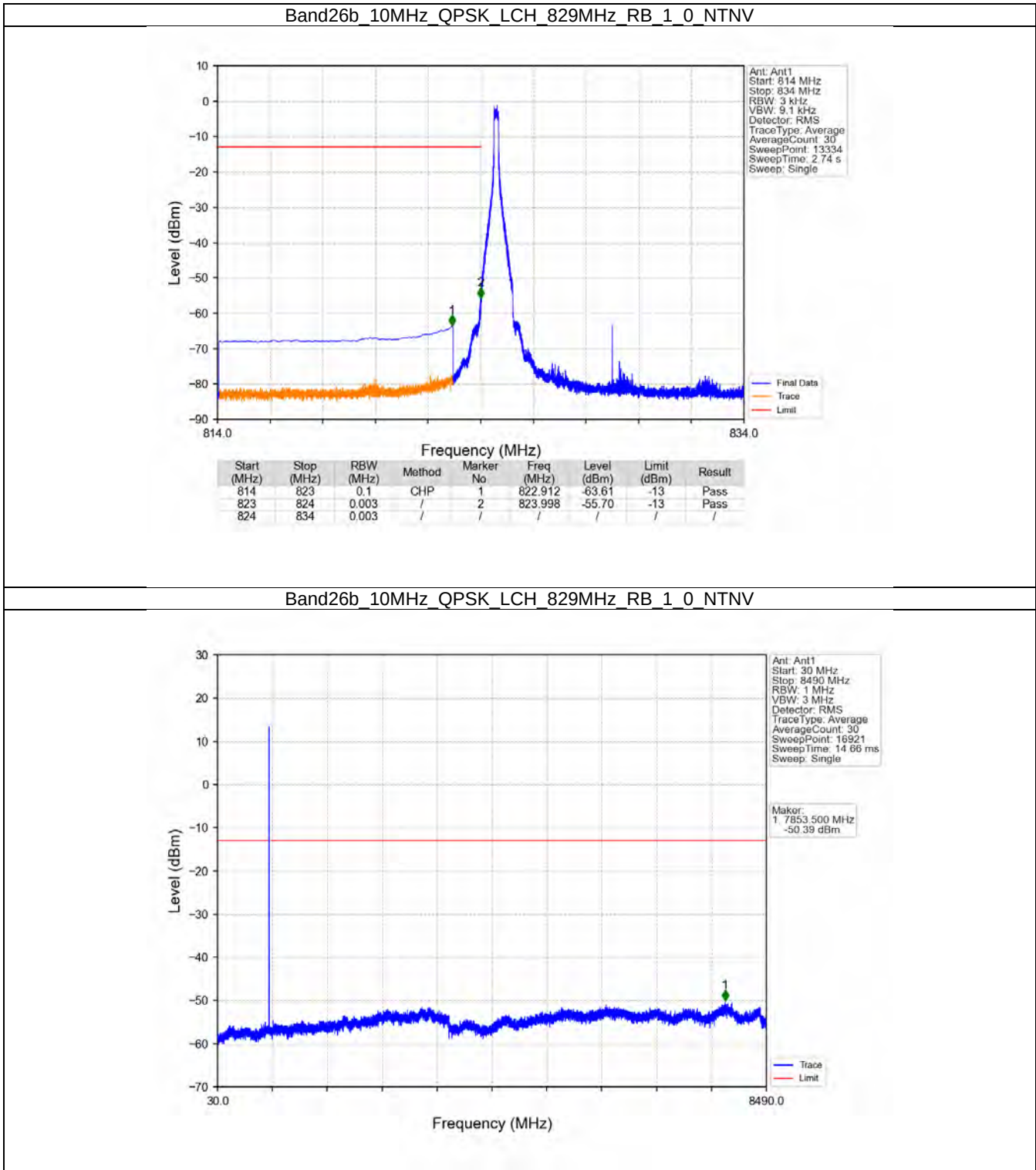


Band26b 5MHz QPSK HCH 846.5MHz RB 1 24 NTNV

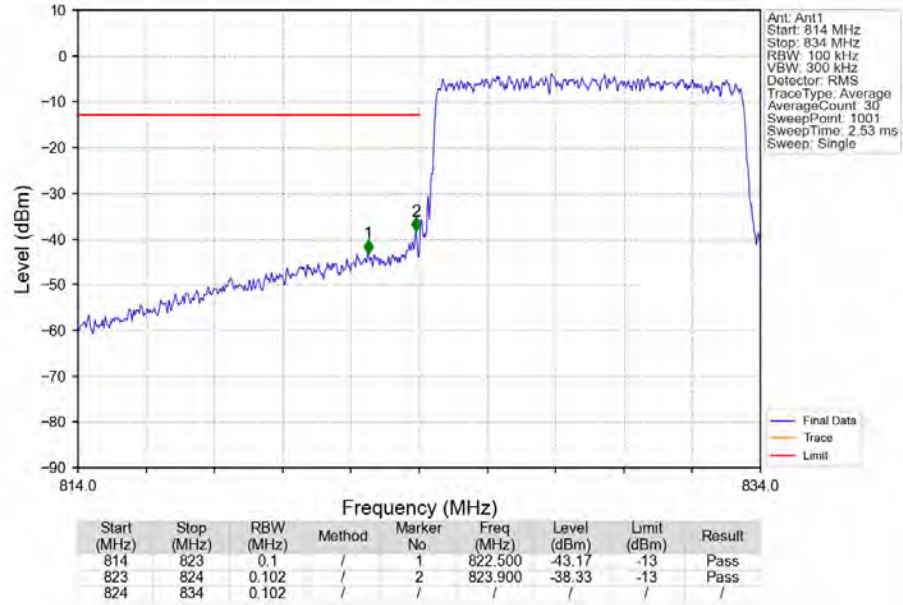




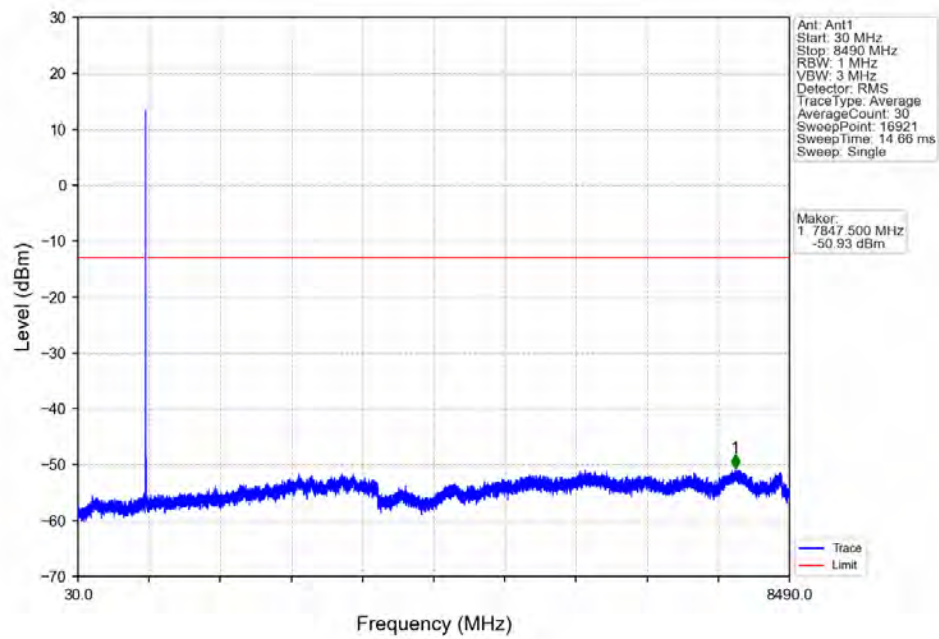
5.2.4 B26b_10MHz



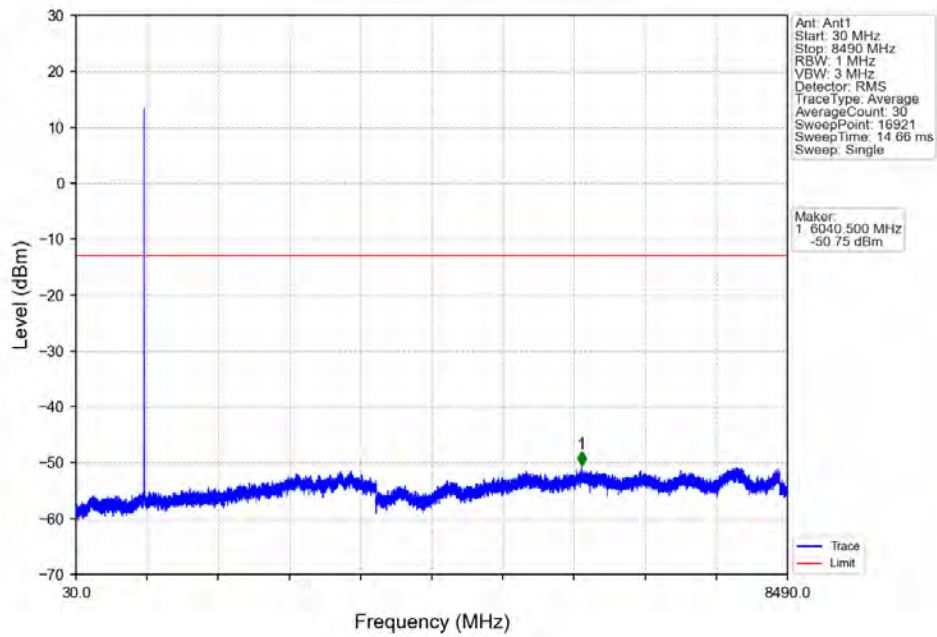
Band26b 10MHz QPSK LCH 829MHz RB 50 0 NTV



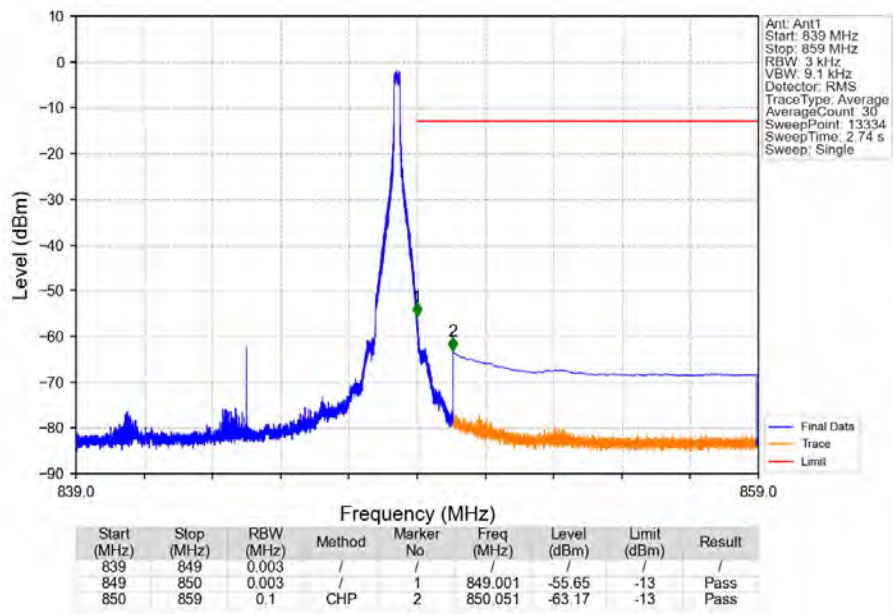
Band26b 10MHz QPSK MCH 836.5MHz RB 1 0 NTV

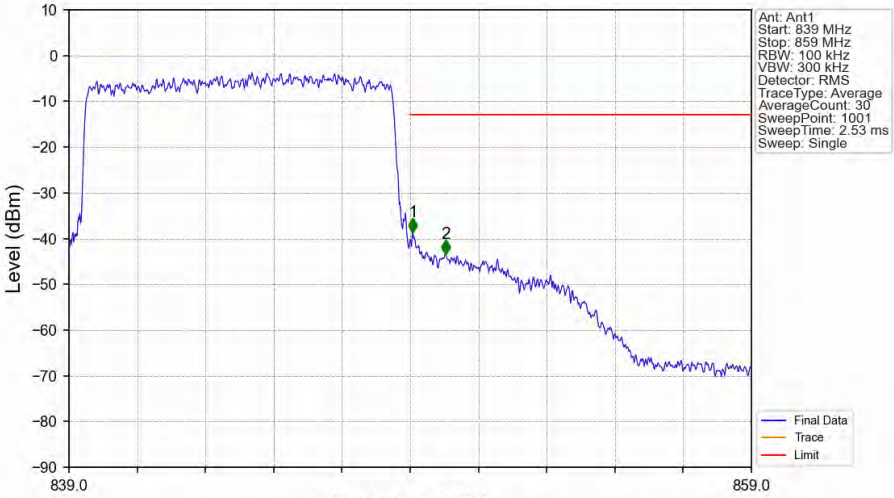


Band26b 10MHz QPSK HCH 844MHz RB 1 0 NTNV



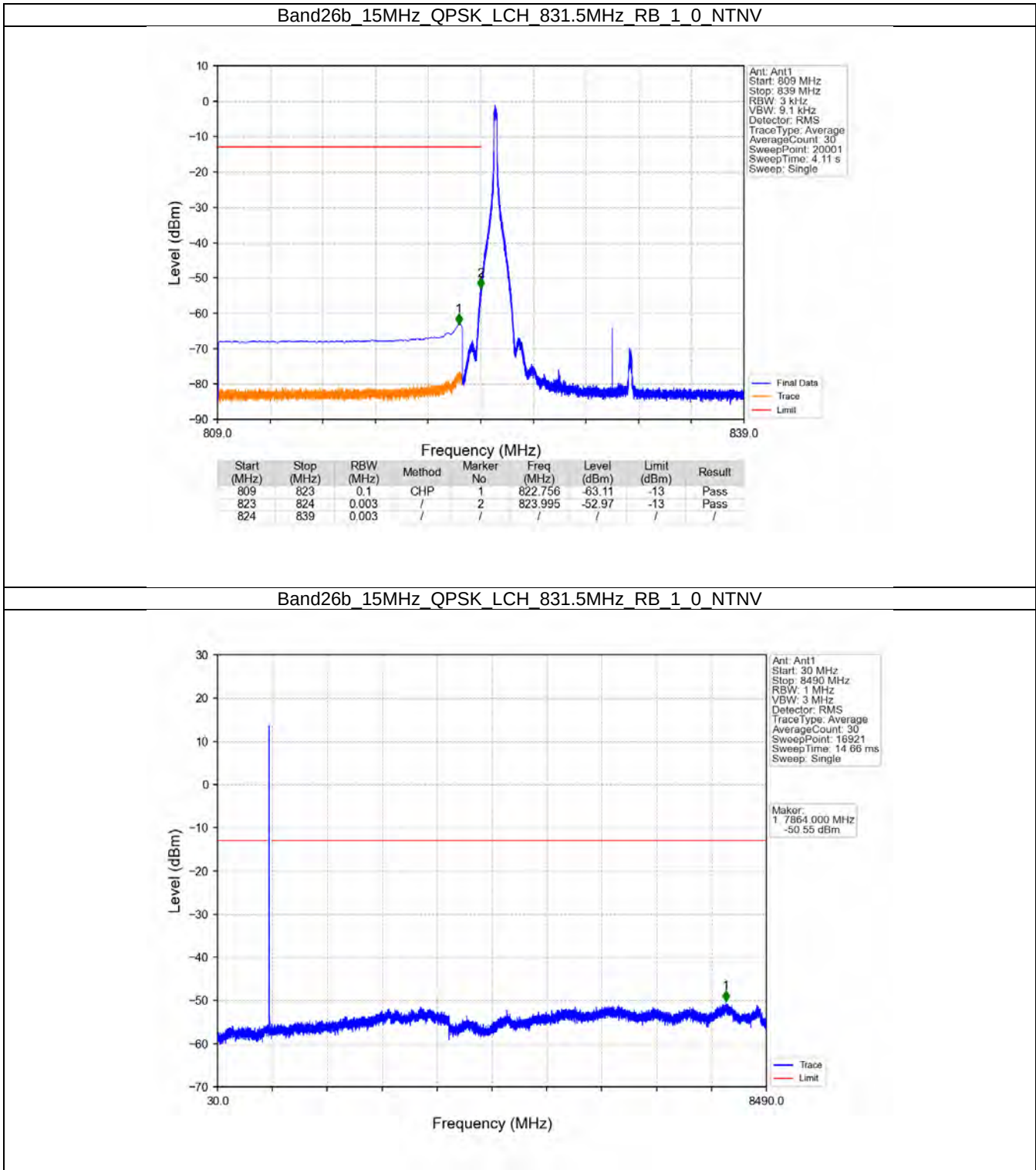
Band26b 10MHz QPSK HCH 844MHz RB 1 49 NTNV



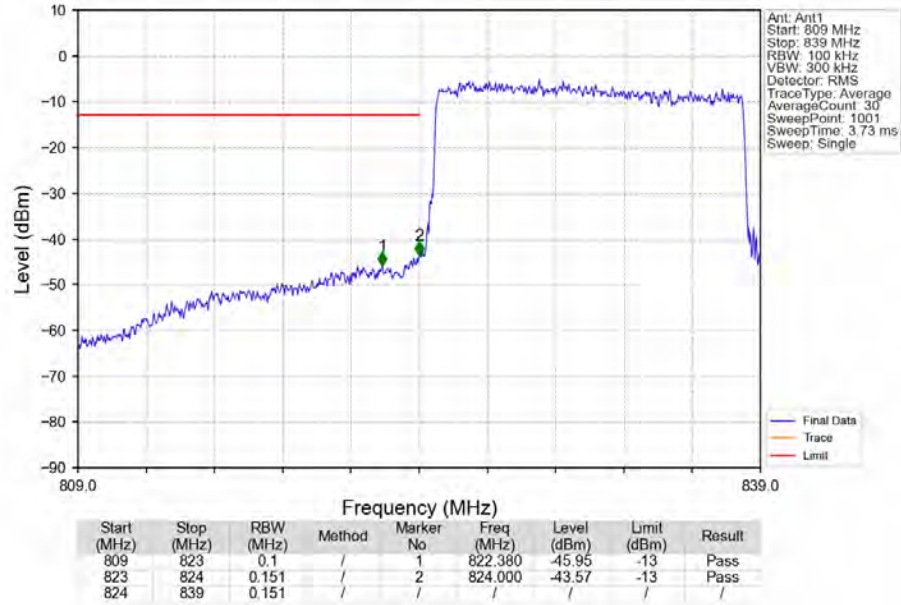


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.101	/	/	/	/	/	/
849	850	0.101	/	1	849.080	-38.59	-13	Pass
850	859	0.1	/	2	850.040	-43.38	-13	Pass

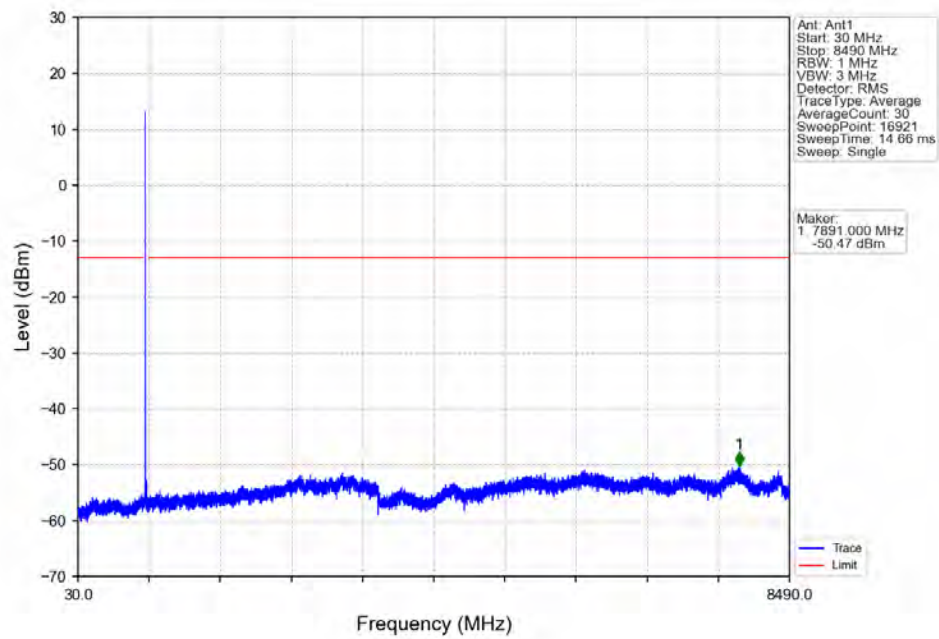
5.2.5 B26b_15MHz



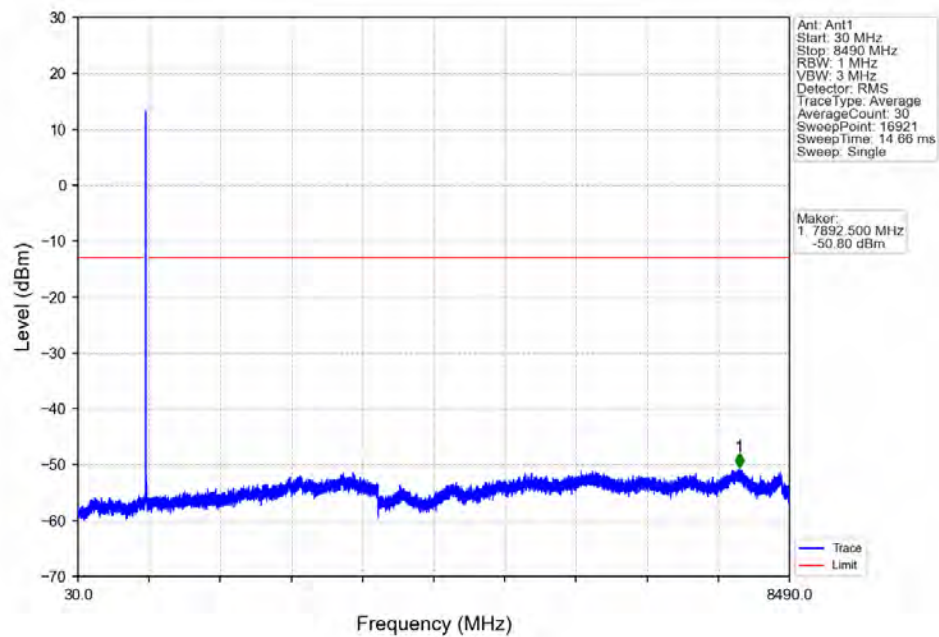
Band26b 15MHz QPSK LCH 831.5MHz RB 75 0 NTV



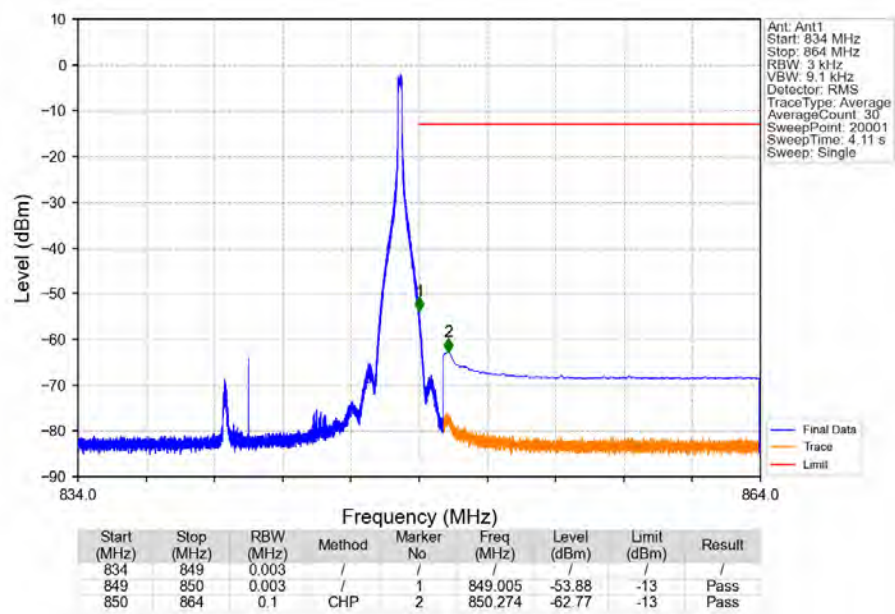
Band26b 15MHz QPSK MCH 836.5MHz RB 1 0 NTV



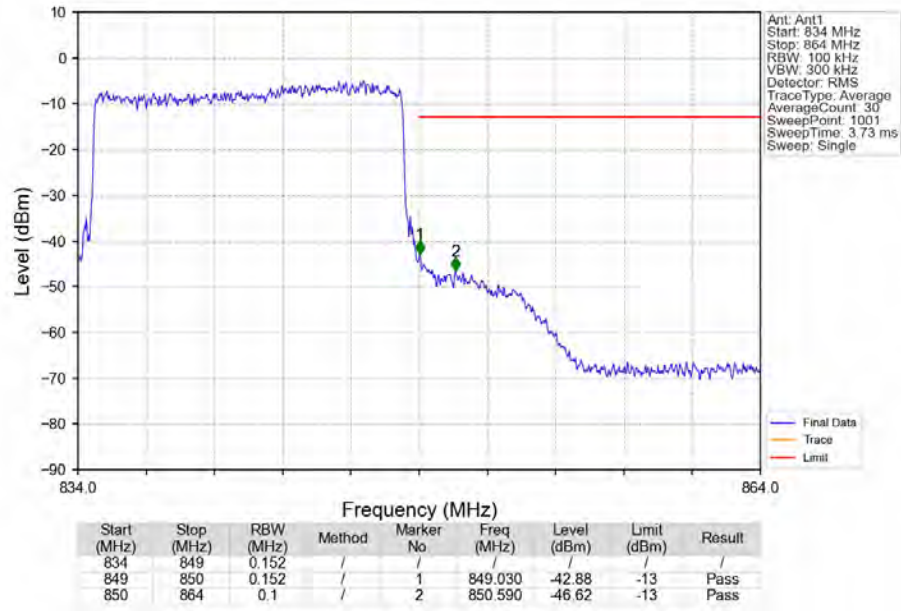
Band26b 15MHz QPSK HCH 841.5MHz RB 1 0 NTNV



Band26b 15MHz QPSK HCH 841.5MHz RB 1 74 NTNV



Band26b 15MHz QPSK HCH 841.5MHz RB 75 0 NTN



Field Strength of Spurious Radiation

LTE Band 26 824-849 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
1649.5	-71.04	-13	-58.04	-73.92	2.62	5.5	Horizontal	Pass
2474.25	-68.84	-13	-55.84	-71.54	3.06	5.76	Horizontal	Pass
3299.0	-67.07	-13	-54.07	-71.44	3.3	7.67	Horizontal	Pass
1649.5	-71.12	-13	-58.12	-74.0	2.62	5.5	Vertical	Pass
2474.25	-66.82	-13	-53.82	-69.52	3.06	5.76	Vertical	Pass
3299.0	-66.96	-13	-53.96	-71.33	3.3	7.67	Vertical	Pass

LTE Band 26 824-849 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
1659.5	-71.45	-13	-58.45	-74.31	2.62	5.48	Horizontal	Pass
2489.25	-69.57	-13	-56.57	-72.29	3.07	5.79	Horizontal	Pass
3319.0	-67.62	-13	-54.62	-72.03	3.31	7.72	Horizontal	Pass
1659.5	-70.89	-13	-57.89	-73.75	2.62	5.48	Vertical	Pass
2489.25	-68.53	-13	-55.53	-71.25	3.07	5.79	Vertical	Pass
3319.0	-67.33	-13	-54.33	-71.74	3.31	7.72	Vertical	Pass

LTE Band 26 824-849 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
1669.5	-72.39	-13	-59.39	-75.21	2.63	5.45	Horizontal	Pass
2504.5	-69.23	-13	-56.23	-71.98	3.08	5.83	Horizontal	Pass
3339.0	-67.29	-13	-54.29	-71.74	3.32	7.77	Horizontal	Pass
1669.5	-72.16	-13	-59.16	-74.98	2.63	5.45	Vertical	Pass
2504.5	-69.46	-13	-56.46	-72.21	3.08	5.83	Vertical	Pass
3339.0	-67.3	-13	-54.3	-71.75	3.32	7.77	Vertical	Pass

CA_7A_26A 824-849-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
3299.0	-66.93	-13	-53.93	-71.3	3.3	7.67	Horizontal	Pass
4123.75	-65.09	-13	-52.09	-70.1	3.97	8.98	Horizontal	Pass
4948.5	-62.34	-13	-49.34	-67.85	4.55	10.06	Horizontal	Pass
3299.0	-66.87	-13	-53.87	-71.24	3.3	7.67	Vertical	Pass
4123.75	-65.29	-13	-52.29	-70.3	3.97	8.98	Vertical	Pass
4948.5	-62.35	-13	-49.35	-67.86	4.55	10.06	Vertical	Pass

CA_7A_26A 824-849-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
3319.0	-66.76	-13	-53.76	-71.17	3.31	7.72	Horizontal	Pass
4173.5	-65.8	-13	-52.8	-70.81	4.02	9.03	Horizontal	Pass
4978.5	-63.03	-13	-50.03	-68.58	4.56	10.11	Horizontal	Pass
3319.0	-67.22	-13	-54.22	-71.63	3.31	7.72	Vertical	Pass
4173.5	-65.51	-13	-52.51	-70.52	4.02	9.03	Vertical	Pass
4978.5	-62.76	-13	-49.76	-68.31	4.56	10.11	Vertical	Pass

CA_7A_26A 824-849-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
3339.0	-66.9	-13	-53.9	-71.35	3.32	7.77	Horizontal	Pass
4173.5	-65.45	-13	-52.45	-70.46	4.02	9.03	Horizontal	Pass
5008.5	-63.0	-13	-50.0	-68.58	4.57	10.15	Horizontal	Pass
3339.0	-67.13	-13	-54.13	-71.58	3.32	7.77	Vertical	Pass
4173.5	-65.94	-13	-52.94	-70.95	4.02	9.03	Vertical	Pass
5008.5	-62.43	-13	-49.43	-68.01	4.57	10.15	Vertical	Pass

Remark:

- 1) The field strength is calculated by adding the S.G.Power, Antenna Gain & Cable Loss. The basic equation with a sample calculation is as follows:

$$\text{EIRP} = \text{S.G. Power} + \text{Antenna Gain} - \text{Cable Loss}$$

$$\text{Over Limit} = \text{Limit} - \text{EIRP}$$
- 2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---