

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP (ANT13)

Band: 5 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.28	-3.91	17.22	<=38.45	Pass
			2	23.38	-3.91	17.32	<=38.45	Pass
			5	23.28	-3.91	17.22	<=38.45	Pass
		3	0	23.30	-3.91	17.24	<=38.45	Pass
			2	23.42	-3.91	17.36	<=38.45	Pass
			3	23.31	-3.91	17.25	<=38.45	Pass
		6	0	22.37	-3.91	16.31	<=38.45	Pass
	836.5	1	0	23.37	-3.91	17.31	<=38.45	Pass
			2	23.50	-3.91	17.44	<=38.45	Pass
			5	23.43	-3.91	17.37	<=38.45	Pass
		3	0	23.52	-3.91	17.46	<=38.45	Pass
			2	23.52	-3.91	17.46	<=38.45	Pass
			3	23.46	-3.91	17.40	<=38.45	Pass
		6	0	22.45	-3.91	16.39	<=38.45	Pass
	848.3	1	0	23.54	-3.91	17.48	<=38.45	Pass
			2	23.49	-3.91	17.43	<=38.45	Pass
			5	23.48	-3.91	17.42	<=38.45	Pass
		3	0	23.56	-3.91	17.50	<=38.45	Pass
			2	23.56	-3.91	17.50	<=38.45	Pass
			3	23.60	-3.91	17.54	<=38.45	Pass
		6	0	22.66	-3.91	16.60	<=38.45	Pass
16QAM	824.7	1	0	22.58	-3.91	16.52	<=38.45	Pass
			2	22.81	-3.91	16.75	<=38.45	Pass
			5	22.70	-3.91	16.64	<=38.45	Pass
		3	0	22.44	-3.91	16.38	<=38.45	Pass
			2	22.42	-3.91	16.36	<=38.45	Pass
			3	22.44	-3.91	16.38	<=38.45	Pass
		6	0	21.45	-3.91	15.39	<=38.45	Pass
	836.5	1	0	22.82	-3.91	16.76	<=38.45	Pass
			2	22.65	-3.91	16.59	<=38.45	Pass
			5	22.72	-3.91	16.66	<=38.45	Pass
		3	0	22.56	-3.91	16.50	<=38.45	Pass
			2	22.67	-3.91	16.61	<=38.45	Pass
			3	22.60	-3.91	16.54	<=38.45	Pass
		6	0	21.58	-3.91	15.52	<=38.45	Pass
	848.3	1	0	22.89	-3.91	16.83	<=38.45	Pass
			2	23.01	-3.91	16.95	<=38.45	Pass
			5	22.96	-3.91	16.90	<=38.45	Pass
		3	0	22.65	-3.91	16.59	<=38.45	Pass
			2	22.68	-3.91	16.62	<=38.45	Pass
			3	22.69	-3.91	16.63	<=38.45	Pass
		6	0	21.65	-3.91	15.59	<=38.45	Pass
64QAM	824.7	1	0	22.58	-3.91	16.52	<=38.45	Pass
			2	22.37	-3.91	16.31	<=38.45	Pass
			5	22.51	-3.91	16.45	<=38.45	Pass
		3	0	22.38	-3.91	16.32	<=38.45	Pass
			2	22.42	-3.91	16.36	<=38.45	Pass
			3	22.38	-3.91	16.32	<=38.45	Pass
		6	0	21.34	-3.91	15.28	<=38.45	Pass

	836.5	1	0	22.63	-3.91	16.57	<=38.45	Pass
			2	22.64	-3.91	16.58	<=38.45	Pass
			5	22.59	-3.91	16.53	<=38.45	Pass
		3	0	22.54	-3.91	16.48	<=38.45	Pass
			2	22.50	-3.91	16.44	<=38.45	Pass
			3	22.45	-3.91	16.39	<=38.45	Pass
		6	0	21.45	-3.91	15.39	<=38.45	Pass
	848.3	1	0	22.55	-3.91	16.49	<=38.45	Pass
			2	22.61	-3.91	16.55	<=38.45	Pass
			5	22.58	-3.91	16.52	<=38.45	Pass
		3	0	22.63	-3.91	16.57	<=38.45	Pass
			2	22.55	-3.91	16.49	<=38.45	Pass
			3	22.70	-3.91	16.64	<=38.45	Pass
		6	0	21.66	-3.91	15.60	<=38.45	Pass
256QAM	824.7	1	0	18.38	-3.91	12.32	<=38.45	Pass
			2	18.54	-3.91	12.48	<=38.45	Pass
			5	18.46	-3.91	12.40	<=38.45	Pass
		3	0	18.41	-3.91	12.35	<=38.45	Pass
			2	18.45	-3.91	12.39	<=38.45	Pass
			3	18.41	-3.91	12.35	<=38.45	Pass
		6	0	18.37	-3.91	12.31	<=38.45	Pass
	836.5	1	0	18.62	-3.91	12.56	<=38.45	Pass
			2	18.58	-3.91	12.52	<=38.45	Pass
			5	18.50	-3.91	12.44	<=38.45	Pass
		3	0	18.51	-3.91	12.45	<=38.45	Pass
			2	18.61	-3.91	12.55	<=38.45	Pass
			3	18.69	-3.91	12.63	<=38.45	Pass
		6	0	18.46	-3.91	12.40	<=38.45	Pass
	848.3	1	0	18.70	-3.91	12.64	<=38.45	Pass
			2	18.89	-3.91	12.83	<=38.45	Pass
			5	18.58	-3.91	12.52	<=38.45	Pass
		3	0	18.64	-3.91	12.58	<=38.45	Pass
			2	18.70	-3.91	12.64	<=38.45	Pass
			3	18.56	-3.91	12.50	<=38.45	Pass
		6	0	18.54	-3.91	12.48	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B5_3MHz_ERP (ANT13)

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	23.34	-3.91	17.28	<=38.45	Pass
			7	23.36	-3.91	17.30	<=38.45	Pass
			14	23.25	-3.91	17.19	<=38.45	Pass
		8	0	22.40	-3.91	16.34	<=38.45	Pass
			4	22.39	-3.91	16.33	<=38.45	Pass
			7	22.35	-3.91	16.29	<=38.45	Pass
		15	0	22.42	-3.91	16.36	<=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	23.41	-3.91	17.35	<=38.45	Pass
		8	0	22.49	-3.91	16.43	<=38.45	Pass
			4	22.64	-3.91	16.58	<=38.45	Pass
			7	22.62	-3.91	16.56	<=38.45	Pass
		15	0	22.52	-3.91	16.46	<=38.45	Pass
	847.5	1	0	23.47	-3.91	17.41	<=38.45	Pass

		8	7	23.51	-3.91	17.45	<=38.45	Pass
			14	23.42	-3.91	17.36	<=38.45	Pass
			0	22.67	-3.91	16.61	<=38.45	Pass
			4	22.66	-3.91	16.60	<=38.45	Pass
			7	22.66	-3.91	16.60	<=38.45	Pass
		15	0	22.68	-3.91	16.62	<=38.45	Pass
16QAM	825.5	1	0	22.63	-3.91	16.57	<=38.45	Pass
			7	22.83	-3.91	16.77	<=38.45	Pass
			14	22.61	-3.91	16.55	<=38.45	Pass
		8	0	21.46	-3.91	15.40	<=38.45	Pass
			4	21.49	-3.91	15.43	<=38.45	Pass
			7	21.47	-3.91	15.41	<=38.45	Pass
		15	0	21.46	-3.91	15.40	<=38.45	Pass
	836.5	1	0	22.81	-3.91	16.75	<=38.45	Pass
			7	23.12	-3.91	17.06	<=38.45	Pass
			14	22.81	-3.91	16.75	<=38.45	Pass
		8	0	21.54	-3.91	15.48	<=38.45	Pass
			4	21.62	-3.91	15.56	<=38.45	Pass
			7	21.64	-3.91	15.58	<=38.45	Pass
		15	0	21.53	-3.91	15.47	<=38.45	Pass
	847.5	1	0	22.99	-3.91	16.93	<=38.45	Pass
			7	22.71	-3.91	16.65	<=38.45	Pass
			14	22.91	-3.91	16.85	<=38.45	Pass
		8	0	21.73	-3.91	15.67	<=38.45	Pass
			4	21.78	-3.91	15.72	<=38.45	Pass
			7	21.71	-3.91	15.65	<=38.45	Pass
		15	0	21.61	-3.91	15.55	<=38.45	Pass
64QAM	825.5	1	0	22.52	-3.91	16.46	<=38.45	Pass
			7	22.60	-3.91	16.54	<=38.45	Pass
			14	22.33	-3.91	16.27	<=38.45	Pass
		8	0	21.40	-3.91	15.34	<=38.45	Pass
			4	21.39	-3.91	15.33	<=38.45	Pass
			7	21.33	-3.91	15.27	<=38.45	Pass
		15	0	21.36	-3.91	15.30	<=38.45	Pass
	836.5	1	0	22.54	-3.91	16.48	<=38.45	Pass
			7	22.59	-3.91	16.53	<=38.45	Pass
			14	22.48	-3.91	16.42	<=38.45	Pass
		8	0	21.46	-3.91	15.40	<=38.45	Pass
			4	21.67	-3.91	15.61	<=38.45	Pass
			7	21.63	-3.91	15.57	<=38.45	Pass
		15	0	21.55	-3.91	15.49	<=38.45	Pass
	847.5	1	0	22.70	-3.91	16.64	<=38.45	Pass
			7	22.64	-3.91	16.58	<=38.45	Pass
			14	22.60	-3.91	16.54	<=38.45	Pass
		8	0	21.60	-3.91	15.54	<=38.45	Pass
			4	21.69	-3.91	15.63	<=38.45	Pass
			7	21.67	-3.91	15.61	<=38.45	Pass
		15	0	21.69	-3.91	15.63	<=38.45	Pass
256QAM	825.5	1	0	18.49	-3.91	12.43	<=38.45	Pass
			7	18.61	-3.91	12.55	<=38.45	Pass
			14	18.48	-3.91	12.42	<=38.45	Pass
		8	0	18.41	-3.91	12.35	<=38.45	Pass
			4	18.41	-3.91	12.35	<=38.45	Pass
			7	18.38	-3.91	12.32	<=38.45	Pass
		15	0	18.42	-3.91	12.36	<=38.45	Pass
	836.5	1	0	18.45	-3.91	12.39	<=38.45	Pass
			7	18.63	-3.91	12.57	<=38.45	Pass
			14	18.78	-3.91	12.72	<=38.45	Pass
		8	0	18.52	-3.91	12.46	<=38.45	Pass

			4	18.56	-3.91	12.50	<=38.45	Pass
			7	18.50	-3.91	12.44	<=38.45	Pass
		15	0	18.48	-3.91	12.42	<=38.45	Pass
	847.5	1	0	18.50	-3.91	12.44	<=38.45	Pass
			7	18.73	-3.91	12.67	<=38.45	Pass
			14	18.65	-3.91	12.59	<=38.45	Pass
		8	0	18.74	-3.91	12.68	<=38.45	Pass
			4	18.63	-3.91	12.57	<=38.45	Pass
			7	18.69	-3.91	12.63	<=38.45	Pass
		15	0	18.66	-3.91	12.60	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B5_5MHz_ERP (ANT13)

Band: 5 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	23.30	-3.91	17.24	<=38.45	Pass
			13	23.28	-3.91	17.22	<=38.45	Pass
			24	23.26	-3.91	17.20	<=38.45	Pass
		12	0	22.41	-3.91	16.35	<=38.45	Pass
			6	22.39	-3.91	16.33	<=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	23.42	-3.91	17.36	<=38.45	Pass
			13	23.48	-3.91	17.42	<=38.45	Pass
			24	23.49	-3.91	17.43	<=38.45	Pass
		12	0	22.48	-3.91	16.42	<=38.45	Pass
			6	22.54	-3.91	16.48	<=38.45	Pass
			13	22.56	-3.91	16.50	<=38.45	Pass
		25	0	22.43	-3.91	16.37	<=38.45	Pass
	846.5	1	0	23.58	-3.91	17.52	<=38.45	Pass
			13	23.62	-3.91	17.56	<=38.45	Pass
			24	23.50	-3.91	17.44	<=38.45	Pass
		12	0	22.65	-3.91	16.59	<=38.45	Pass
			6	22.59	-3.91	16.53	<=38.45	Pass
			13	22.66	-3.91	16.60	<=38.45	Pass
		25	0	22.60	-3.91	16.54	<=38.45	Pass
16QAM	826.5	1	0	22.52	-3.91	16.46	<=38.45	Pass
			13	22.80	-3.91	16.74	<=38.45	Pass
			24	22.68	-3.91	16.62	<=38.45	Pass
		12	0	21.43	-3.91	15.37	<=38.45	Pass
			6	21.48	-3.91	15.42	<=38.45	Pass
			13	21.46	-3.91	15.40	<=38.45	Pass
		25	0	21.41	-3.91	15.35	<=38.45	Pass
	836.5	1	0	22.80	-3.91	16.74	<=38.45	Pass
			13	22.98	-3.91	16.92	<=38.45	Pass
			24	22.80	-3.91	16.74	<=38.45	Pass
		12	0	21.52	-3.91	15.46	<=38.45	Pass
			6	21.61	-3.91	15.55	<=38.45	Pass
			13	21.63	-3.91	15.57	<=38.45	Pass
		25	0	21.50	-3.91	15.44	<=38.45	Pass
	846.5	1	0	22.80	-3.91	16.74	<=38.45	Pass
			13	23.05	-3.91	16.99	<=38.45	Pass
			24	23.05	-3.91	16.99	<=38.45	Pass
		12	0	21.54	-3.91	15.48	<=38.45	Pass
			6	21.63	-3.91	15.57	<=38.45	Pass

			13	21.60	-3.91	15.54	<=38.45	Pass	
		25	0	21.52	-3.91	15.46	<=38.45	Pass	
64QAM	826.5	1	0	22.40	-3.91	16.34	<=38.45	Pass	
			13	22.48	-3.91	16.42	<=38.45	Pass	
			24	22.25	-3.91	16.19	<=38.45	Pass	
			0	21.46	-3.91	15.40	<=38.45	Pass	
		12	6	21.44	-3.91	15.38	<=38.45	Pass	
			13	21.32	-3.91	15.26	<=38.45	Pass	
			25	0	21.40	-3.91	15.34	<=38.45	Pass
		836.5	1	0	22.56	-3.91	16.50	<=38.45	Pass
				13	22.74	-3.91	16.68	<=38.45	Pass
				24	22.60	-3.91	16.54	<=38.45	Pass
	12		0	21.57	-3.91	15.51	<=38.45	Pass	
			6	21.55	-3.91	15.49	<=38.45	Pass	
			13	21.58	-3.91	15.52	<=38.45	Pass	
	25		0	21.46	-3.91	15.40	<=38.45	Pass	
	846.5	1	0	22.57	-3.91	16.51	<=38.45	Pass	
			13	22.72	-3.91	16.66	<=38.45	Pass	
			24	22.81	-3.91	16.75	<=38.45	Pass	
		12	0	21.67	-3.91	15.61	<=38.45	Pass	
			6	21.61	-3.91	15.55	<=38.45	Pass	
			13	21.67	-3.91	15.61	<=38.45	Pass	
		25	0	21.65	-3.91	15.59	<=38.45	Pass	
		256QAM	826.5	1	0	18.46	-3.91	12.40	<=38.45
	13				18.53	-3.91	12.47	<=38.45	Pass
24	18.41				-3.91	12.35	<=38.45	Pass	
12	0			18.46	-3.91	12.40	<=38.45	Pass	
	6			18.50	-3.91	12.44	<=38.45	Pass	
	13			18.46	-3.91	12.40	<=38.45	Pass	
25	0			18.48	-3.91	12.42	<=38.45	Pass	
836.5	1		0	18.53	-3.91	12.47	<=38.45	Pass	
			13	18.47	-3.91	12.41	<=38.45	Pass	
			24	18.56	-3.91	12.50	<=38.45	Pass	
	12		0	18.54	-3.91	12.48	<=38.45	Pass	
			6	18.61	-3.91	12.55	<=38.45	Pass	
			13	18.61	-3.91	12.55	<=38.45	Pass	
25	0		18.47	-3.91	12.41	<=38.45	Pass		
846.5	1		0	18.59	-3.91	12.53	<=38.45	Pass	
			13	18.81	-3.91	12.75	<=38.45	Pass	
			24	17.86	-3.91	11.80	<=38.45	Pass	
	12		0	18.94	-3.91	12.88	<=38.45	Pass	
			6	18.61	-3.91	12.55	<=38.45	Pass	
			13	18.57	-3.91	12.51	<=38.45	Pass	
	25		0	18.63	-3.91	12.57	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.4 B5_10MHz_ERP (ANT13)

Band: 5 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.41	-3.91	17.35	<=38.45	Pass
			25	23.38	-3.91	17.32	<=38.45	Pass
			49	23.45	-3.91	17.39	<=38.45	Pass
		25	0	22.41	-3.91	16.35	<=38.45	Pass
			13	22.50	-3.91	16.44	<=38.45	Pass
			25	22.43	-3.91	16.37	<=38.45	Pass

		50	0	22.47	-3.91	16.41	<=38.45	Pass
	836.5	1	0	23.28	-3.91	17.22	<=38.45	Pass
			25	23.50	-3.91	17.44	<=38.45	Pass
			49	23.51	-3.91	17.45	<=38.45	Pass
			0	22.48	-3.91	16.42	<=38.45	Pass
		13	22.53	-3.91	16.47	<=38.45	Pass	
		25	22.55	-3.91	16.49	<=38.45	Pass	
	50	0	22.46	-3.91	16.40	<=38.45	Pass	
	844	1	0	23.54	-3.91	17.48	<=38.45	Pass
			25	23.53	-3.91	17.47	<=38.45	Pass
			49	23.47	-3.91	17.41	<=38.45	Pass
		25	0	22.60	-3.91	16.54	<=38.45	Pass
			13	22.68	-3.91	16.62	<=38.45	Pass
			25	22.64	-3.91	16.58	<=38.45	Pass
	50	0	22.50	-3.91	16.44	<=38.45	Pass	
16QAM	829	1	0	22.65	-3.91	16.59	<=38.45	Pass
			25	22.75	-3.91	16.69	<=38.45	Pass
			49	22.81	-3.91	16.75	<=38.45	Pass
		25	0	21.43	-3.91	15.37	<=38.45	Pass
			13	21.53	-3.91	15.47	<=38.45	Pass
			25	21.41	-3.91	15.35	<=38.45	Pass
		50	0	21.49	-3.91	15.43	<=38.45	Pass
	836.5	1	0	22.79	-3.91	16.73	<=38.45	Pass
			25	22.71	-3.91	16.65	<=38.45	Pass
			49	22.71	-3.91	16.65	<=38.45	Pass
		25	0	21.50	-3.91	15.44	<=38.45	Pass
			13	21.61	-3.91	15.55	<=38.45	Pass
			25	21.62	-3.91	15.56	<=38.45	Pass
		50	0	21.53	-3.91	15.47	<=38.45	Pass
	844	1	0	22.85	-3.91	16.79	<=38.45	Pass
			25	22.90	-3.91	16.84	<=38.45	Pass
			49	22.70	-3.91	16.64	<=38.45	Pass
		25	0	21.52	-3.91	15.46	<=38.45	Pass
			13	21.74	-3.91	15.68	<=38.45	Pass
			25	21.61	-3.91	15.55	<=38.45	Pass
		50	0	21.64	-3.91	15.58	<=38.45	Pass
64QAM	829	1	0	22.78	-3.91	16.72	<=38.45	Pass
			25	22.63	-3.91	16.57	<=38.45	Pass
			49	22.55	-3.91	16.49	<=38.45	Pass
		25	0	21.34	-3.91	15.28	<=38.45	Pass
			13	21.44	-3.91	15.38	<=38.45	Pass
			25	21.49	-3.91	15.43	<=38.45	Pass
		50	0	21.42	-3.91	15.36	<=38.45	Pass
	836.5	1	0	22.52	-3.91	16.46	<=38.45	Pass
			25	22.83	-3.91	16.77	<=38.45	Pass
			49	22.59	-3.91	16.53	<=38.45	Pass
		25	0	21.44	-3.91	15.38	<=38.45	Pass
			13	21.55	-3.91	15.49	<=38.45	Pass
			25	21.61	-3.91	15.55	<=38.45	Pass
		50	0	21.63	-3.91	15.57	<=38.45	Pass
	844	1	0	22.69	-3.91	16.63	<=38.45	Pass
			25	22.64	-3.91	16.58	<=38.45	Pass
			49	22.60	-3.91	16.54	<=38.45	Pass
		25	0	21.62	-3.91	15.56	<=38.45	Pass
			13	21.66	-3.91	15.60	<=38.45	Pass
			25	21.60	-3.91	15.54	<=38.45	Pass
		50	0	21.57	-3.91	15.51	<=38.45	Pass
256QAM	829	1	0	18.36	-3.91	12.30	<=38.45	Pass
			25	18.64	-3.91	12.58	<=38.45	Pass

			49	18.33	-3.91	12.27	<=38.45	Pass
		25	0	19.18	-3.91	13.12	<=38.45	Pass
			13	18.48	-3.91	12.42	<=38.45	Pass
			25	18.54	-3.91	12.48	<=38.45	Pass
		50	0	18.55	-3.91	12.49	<=38.45	Pass
	836.5	1	0	18.58	-3.91	12.52	<=38.45	Pass
			25	17.65	-3.91	11.59	<=38.45	Pass
			49	18.78	-3.91	12.72	<=38.45	Pass
		25	0	18.66	-3.91	12.60	<=38.45	Pass
			13	18.58	-3.91	12.52	<=38.45	Pass
			25	18.58	-3.91	12.52	<=38.45	Pass
		50	0	18.54	-3.91	12.48	<=38.45	Pass
		844	1	0	18.39	-3.91	12.33	<=38.45
	25			19.68	-3.91	13.62	<=38.45	Pass
	49			18.32	-3.91	12.26	<=38.45	Pass
	25		0	18.55	-3.91	12.49	<=38.45	Pass
			13	18.60	-3.91	12.54	<=38.45	Pass
			25	18.73	-3.91	12.67	<=38.45	Pass
	50		0	18.60	-3.91	12.54	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.7	2.600	0.0031	-2.5 to 2.5	Pass
					3.91	-1.100	-0.0013	-2.5 to 2.5	Pass
					4.4	0.600	0.0007	-2.5 to 2.5	Pass
				-30	3.91	0.600	0.0007	-2.5 to 2.5	Pass
				-20	3.91	-0.300	-0.0004	-2.5 to 2.5	Pass
				-10	3.91	0.400	0.0005	-2.5 to 2.5	Pass
				0	3.91	0.700	0.0008	-2.5 to 2.5	Pass
				10	3.91	1.500	0.0018	-2.5 to 2.5	Pass
				30	3.91	0.200	0.0002	-2.5 to 2.5	Pass
				40	3.91	-0.400	-0.0005	-2.5 to 2.5	Pass
				50	3.91	0.300	0.0004	-2.5 to 2.5	Pass
	836.5	50	0	20	3.7	-1.800	-0.0022	-2.5 to 2.5	Pass
					3.91	-1.300	-0.0016	-2.5 to 2.5	Pass
					4.4	0.400	0.0005	-2.5 to 2.5	Pass
				-30	3.91	0.300	0.0004	-2.5 to 2.5	Pass
				-20	3.91	-0.200	-0.0002	-2.5 to 2.5	Pass
				-10	3.91	0.200	0.0002	-2.5 to 2.5	Pass
				0	3.91	-0.900	-0.0011	-2.5 to 2.5	Pass
				10	3.91	-0.700	-0.0008	-2.5 to 2.5	Pass
				30	3.91	1.500	0.0018	-2.5 to 2.5	Pass
				40	3.91	0.400	0.0005	-2.5 to 2.5	Pass
				50	3.91	-0.200	-0.0002	-2.5 to 2.5	Pass
	844	50	0	20	3.7	-2.300	-0.0027	-2.5 to 2.5	Pass
					3.91	-2.300	-0.0027	-2.5 to 2.5	Pass
					4.4	0.200	0.0002	-2.5 to 2.5	Pass
				-30	3.91	-1.000	-0.0012	-2.5 to 2.5	Pass

				-20	3.91	-0.900	-0.0011	-2.5 to 2.5	Pass
				-10	3.91	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.91	0.300	0.0004	-2.5 to 2.5	Pass
				10	3.91	-0.800	-0.0009	-2.5 to 2.5	Pass
				30	3.91	-0.100	-0.0001	-2.5 to 2.5	Pass
				40	3.91	-0.700	-0.0008	-2.5 to 2.5	Pass
				50	3.91	-1.500	-0.0018	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.7	1.400	0.0017	-2.5 to 2.5	Pass
					3.91	0.400	0.0005	-2.5 to 2.5	Pass
					4.4	2.200	0.0027	-2.5 to 2.5	Pass
				-30	3.91	-0.300	-0.0004	-2.5 to 2.5	Pass
				-20	3.91	-0.800	-0.0010	-2.5 to 2.5	Pass
				-10	3.91	0.700	0.0008	-2.5 to 2.5	Pass
				0	3.91	0.000	0.0000	-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	-1.700	-0.0021	-2.5 to 2.5	Pass
	836.5	50	0	20	3.7	-0.800	-0.0010	-2.5 to 2.5	Pass
					3.91	-0.300	-0.0004	-2.5 to 2.5	Pass
					4.4	1.000	0.0012	-2.5 to 2.5	Pass
				-30	3.91	-1.200	-0.0014	-2.5 to 2.5	Pass
				-20	3.91	-0.600	-0.0007	-2.5 to 2.5	Pass
				-10	3.91	1.900	0.0023	-2.5 to 2.5	Pass
				0	3.91	-0.500	-0.0006	-2.5 to 2.5	Pass
				10	3.91	-0.400	-0.0005	-2.5 to 2.5	Pass
				30	3.91	-0.600	-0.0007	-2.5 to 2.5	Pass
				40	3.91	0.400	0.0005	-2.5 to 2.5	Pass
				50	3.91	-1.000	-0.0012	-2.5 to 2.5	Pass
	844	50	0	20	3.7	-1.400	-0.0017	-2.5 to 2.5	Pass
					3.91	-0.300	-0.0004	-2.5 to 2.5	Pass
					4.4	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	3.91	-0.200	-0.0002	-2.5 to 2.5	Pass
				-20	3.91	0.500	0.0006	-2.5 to 2.5	Pass
				-10	3.91	1.000	0.0012	-2.5 to 2.5	Pass
				0	3.91	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.91	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.91	0.200	0.0002	-2.5 to 2.5	Pass
				40	3.91	0.700	0.0008	-2.5 to 2.5	Pass
				50	3.91	-0.200	-0.0002	-2.5 to 2.5	Pass
64QAM	829	50	0	20	3.7	17.500	0.0211	-2.5 to 2.5	Pass
					3.91	-5.800	-0.0070	-2.5 to 2.5	Pass
					4.4	11.700	0.0141	-2.5 to 2.5	Pass
				-30	3.91	51.300	0.0619	-2.5 to 2.5	Pass
				-20	3.91	16.200	0.0195	-2.5 to 2.5	Pass
				-10	3.91	10.300	0.0124	-2.5 to 2.5	Pass
				0	3.91	3.700	0.0045	-2.5 to 2.5	Pass
				10	3.91	11.900	0.0144	-2.5 to 2.5	Pass
				30	3.91	-13.100	-0.0158	-2.5 to 2.5	Pass
				40	3.91	2.700	0.0033	-2.5 to 2.5	Pass
				50	3.91	-26.500	-0.0320	-2.5 to 2.5	Pass
	836.5	50	0	20	3.7	-14.500	-0.0173	-2.5 to 2.5	Pass
					3.91	-14.900	-0.0178	-2.5 to 2.5	Pass
					4.4	-18.900	-0.0226	-2.5 to 2.5	Pass
				-30	3.91	-19.700	-0.0236	-2.5 to 2.5	Pass
				-20	3.91	-19.500	-0.0233	-2.5 to 2.5	Pass
				-10	3.91	21.200	0.0253	-2.5 to 2.5	Pass
				0	3.91	-6.300	-0.0075	-2.5 to 2.5	Pass
				10	3.91	1.600	0.0019	-2.5 to 2.5	Pass

	844	50	0	30	3.91	0.200	0.0002	-2.5 to 2.5	Pass
				40	3.91	-12.100	-0.0145	-2.5 to 2.5	Pass
				50	3.91	-3.600	-0.0043	-2.5 to 2.5	Pass
				20	3.7	12.200	0.0145	-2.5 to 2.5	Pass
					3.91	4.700	0.0056	-2.5 to 2.5	Pass
					4.4	4.900	0.0058	-2.5 to 2.5	Pass
				-30	3.91	-10.100	-0.0120	-2.5 to 2.5	Pass
				-20	3.91	23.500	0.0278	-2.5 to 2.5	Pass
				-10	3.91	19.100	0.0226	-2.5 to 2.5	Pass
				0	3.91	-27.100	-0.0321	-2.5 to 2.5	Pass
				10	3.91	9.500	0.0113	-2.5 to 2.5	Pass
				30	3.91	12.000	0.0142	-2.5 to 2.5	Pass
				40	3.91	-16.300	-0.0193	-2.5 to 2.5	Pass
				50	3.91	18.800	0.0223	-2.5 to 2.5	Pass
256QAM	829	50	0	20	3.7	0.500	0.0006	-2.5 to 2.5	Pass
					3.91	-0.200	-0.0002	-2.5 to 2.5	Pass
					4.4	0.700	0.0008	-2.5 to 2.5	Pass
				-30	3.91	0.300	0.0004	-2.5 to 2.5	Pass
				-20	3.91	1.600	0.0019	-2.5 to 2.5	Pass
				-10	3.91	-0.600	-0.0007	-2.5 to 2.5	Pass
				0	3.91	-0.600	-0.0007	-2.5 to 2.5	Pass
				10	3.91	-1.000	-0.0012	-2.5 to 2.5	Pass
				30	3.91	-1.100	-0.0013	-2.5 to 2.5	Pass
				40	3.91	-0.800	-0.0010	-2.5 to 2.5	Pass
				50	3.91	-0.600	-0.0007	-2.5 to 2.5	Pass
	836.5	50	0	20	3.7	-1.800	-0.0022	-2.5 to 2.5	Pass
					3.91	-2.100	-0.0025	-2.5 to 2.5	Pass
					4.4	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	3.91	-0.900	-0.0011	-2.5 to 2.5	Pass
				-20	3.91	-0.900	-0.0011	-2.5 to 2.5	Pass
				-10	3.91	-0.600	-0.0007	-2.5 to 2.5	Pass
				0	3.91	-1.900	-0.0023	-2.5 to 2.5	Pass
				10	3.91	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.91	-1.700	-0.0020	-2.5 to 2.5	Pass
				40	3.91	-2.600	-0.0031	-2.5 to 2.5	Pass
				50	3.91	-0.200	-0.0002	-2.5 to 2.5	Pass
	844	50	0	20	3.7	-1.200	-0.0014	-2.5 to 2.5	Pass
					3.91	-2.500	-0.0030	-2.5 to 2.5	Pass
					4.4	0.600	0.0007	-2.5 to 2.5	Pass
				-30	3.91	-0.800	-0.0009	-2.5 to 2.5	Pass
				-20	3.91	-1.000	-0.0012	-2.5 to 2.5	Pass
				-10	3.91	-1.300	-0.0015	-2.5 to 2.5	Pass
				0	3.91	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.91	-0.400	-0.0005	-2.5 to 2.5	Pass
				30	3.91	-0.900	-0.0011	-2.5 to 2.5	Pass
				40	3.91	-0.500	-0.0006	-2.5 to 2.5	Pass
				50	3.91	-1.100	-0.0013	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

Band: 5 / NTNV					
Bandwidth (MHz)	Modulation	Frequency	RB Allocation	99% Occupied Bandwidth (MHz)	Verdict

		(MHz)	Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.120	/	Pass
		836.5	6	0	1.120	/	Pass
		848.3	6	0	1.117	/	Pass
	16QAM	824.7	6	0	1.132	/	Pass
		836.5	6	0	1.128	/	Pass
		848.3	6	0	1.130	/	Pass
	64QAM	824.7	6	0	1.123	/	Pass
		836.5	6	0	1.123	/	Pass
		848.3	6	0	1.126	/	Pass
	256QAM	824.7	6	0	1.124	/	Pass
		836.5	6	0	1.129	/	Pass
		848.3	6	0	1.122	/	Pass
3	QPSK	825.5	15	0	2.741	/	Pass
		836.5	15	0	2.733	/	Pass
		847.5	15	0	2.757	/	Pass
	16QAM	825.5	15	0	2.737	/	Pass
		836.5	15	0	2.743	/	Pass
		847.5	15	0	2.741	/	Pass
	64QAM	825.5	15	0	2.748	/	Pass
		836.5	15	0	2.745	/	Pass
		847.5	15	0	2.745	/	Pass
	256QAM	825.5	15	0	2.743	/	Pass
		836.5	15	0	2.734	/	Pass
		847.5	15	0	2.731	/	Pass
5	QPSK	826.5	25	0	4.566	/	Pass
		836.5	25	0	4.579	/	Pass
		846.5	25	0	4.545	/	Pass
	16QAM	826.5	25	0	4.559	/	Pass
		836.5	25	0	4.567	/	Pass
		846.5	25	0	4.552	/	Pass
	64QAM	826.5	25	0	4.556	/	Pass
		836.5	25	0	4.548	/	Pass
		846.5	25	0	4.555	/	Pass
	256QAM	826.5	25	0	4.548	/	Pass
		836.5	25	0	4.575	/	Pass
		846.5	25	0	4.547	/	Pass
10	QPSK	829	50	0	9.054	/	Pass
		836.5	50	0	9.124	/	Pass
		844	50	0	9.014	/	Pass
	16QAM	829	50	0	9.015	/	Pass
		836.5	50	0	9.129	/	Pass
		844	50	0	9.002	/	Pass
	64QAM	829	50	0	9.036	/	Pass
		836.5	50	0	9.111	/	Pass
		844	50	0	8.993	/	Pass
	256QAM	829	50	0	9.033	/	Pass
		836.5	50	0	9.135	/	Pass
		844	50	0	9.029	/	Pass

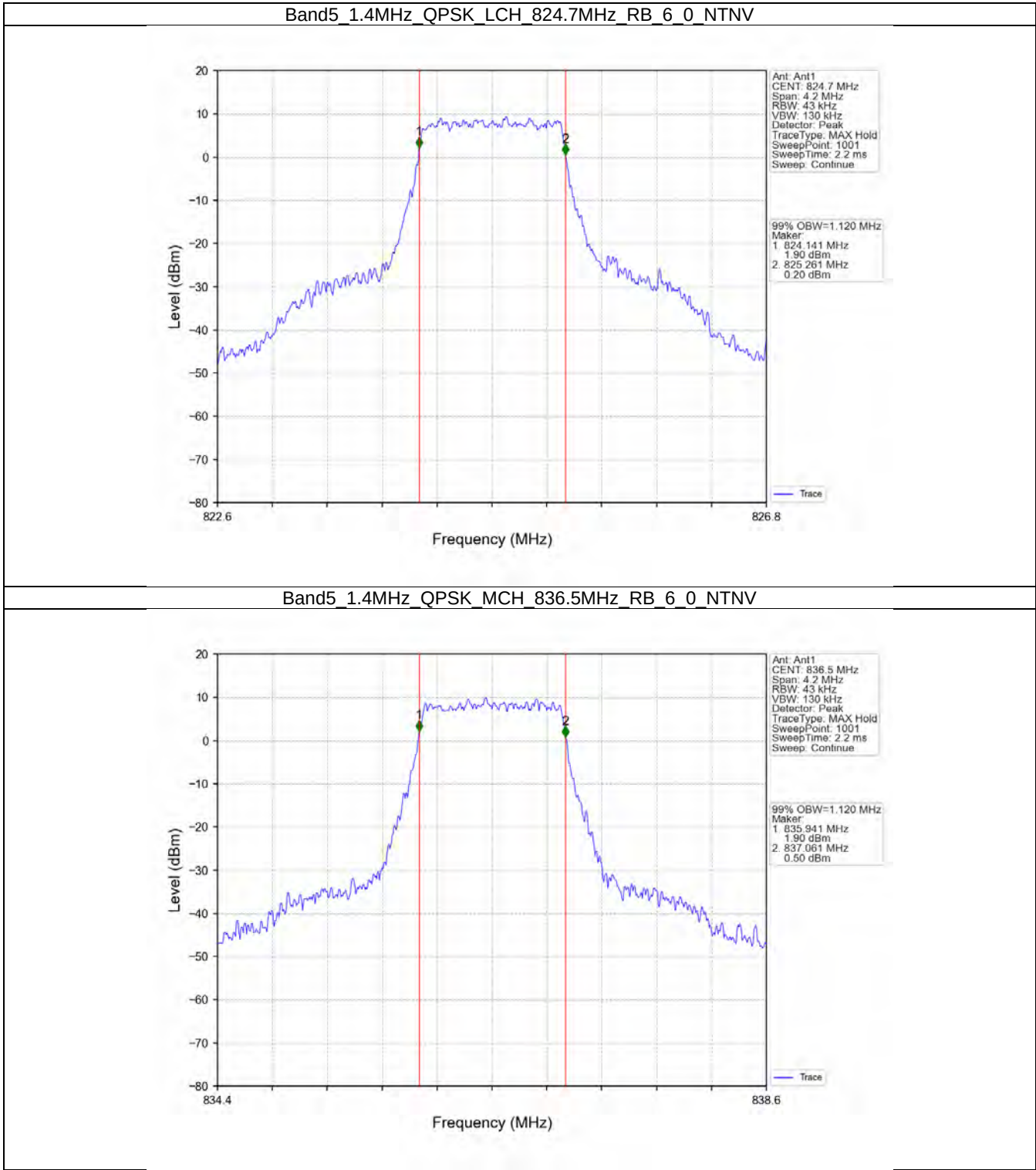
3.1.2 Band5_XDB

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.396	/	Pass
		836.5	6	0	1.382	/	Pass

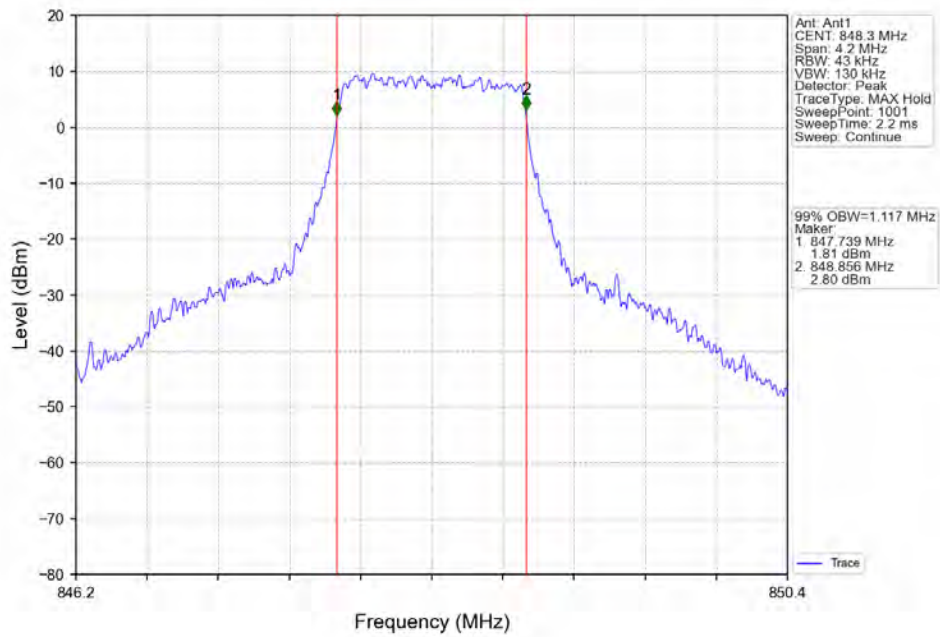
	16QAM	848.3	6	0	1.413	/	Pass
		824.7	6	0	1.410	/	Pass
		836.5	6	0	1.401	/	Pass
		848.3	6	0	1.396	/	Pass
	64QAM	824.7	6	0	1.417	/	Pass
		836.5	6	0	1.363	/	Pass
		848.3	6	0	1.387	/	Pass
	256QAM	824.7	6	0	1.386	/	Pass
		836.5	6	0	1.367	/	Pass
		848.3	6	0	1.400	/	Pass
3	QPSK	825.5	15	0	3.106	/	Pass
		836.5	15	0	3.088	/	Pass
		847.5	15	0	3.114	/	Pass
	16QAM	825.5	15	0	3.115	/	Pass
		836.5	15	0	3.135	/	Pass
		847.5	15	0	3.140	/	Pass
	64QAM	825.5	15	0	3.071	/	Pass
		836.5	15	0	3.107	/	Pass
		847.5	15	0	3.157	/	Pass
	256QAM	825.5	15	0	3.073	/	Pass
		836.5	15	0	3.058	/	Pass
		847.5	15	0	3.080	/	Pass
5	QPSK	826.5	25	0	5.273	/	Pass
		836.5	25	0	5.266	/	Pass
		846.5	25	0	5.232	/	Pass
	16QAM	826.5	25	0	5.157	/	Pass
		836.5	25	0	5.275	/	Pass
		846.5	25	0	5.158	/	Pass
	64QAM	826.5	25	0	5.213	/	Pass
		836.5	25	0	5.393	/	Pass
		846.5	25	0	5.167	/	Pass
	256QAM	826.5	25	0	5.151	/	Pass
		836.5	25	0	5.176	/	Pass
		846.5	25	0	5.187	/	Pass
10	QPSK	829	50	0	10.202	/	Pass
		836.5	50	0	10.121	/	Pass
		844	50	0	10.037	/	Pass
	16QAM	829	50	0	10.089	/	Pass
		836.5	50	0	10.314	/	Pass
		844	50	0	10.083	/	Pass
	64QAM	829	50	0	10.173	/	Pass
		836.5	50	0	10.359	/	Pass
		844	50	0	10.155	/	Pass
	256QAM	829	50	0	10.050	/	Pass
		836.5	50	0	10.246	/	Pass
		844	50	0	10.039	/	Pass

3.2 Test Graph

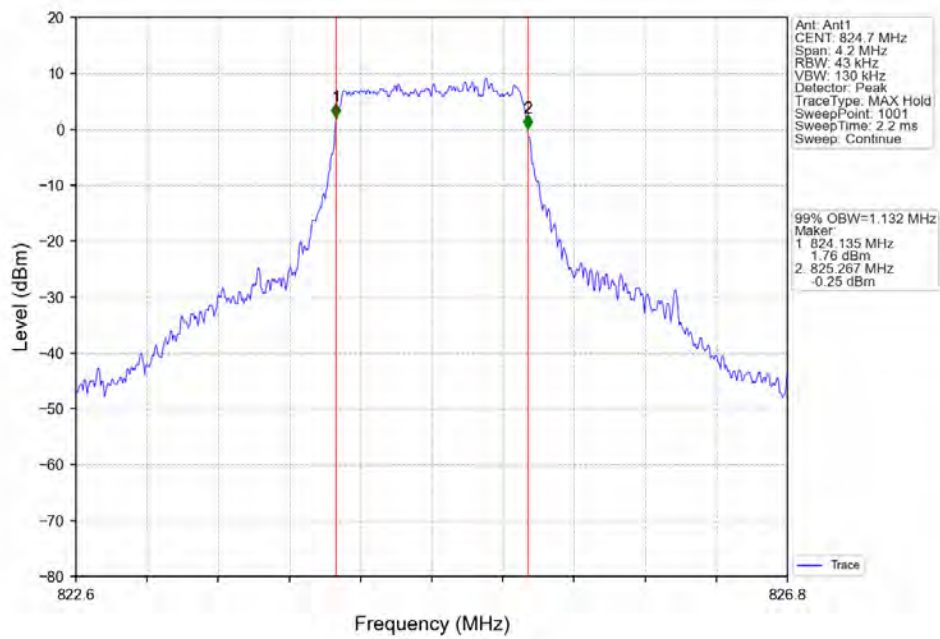
3.2.1 Band5_OBW



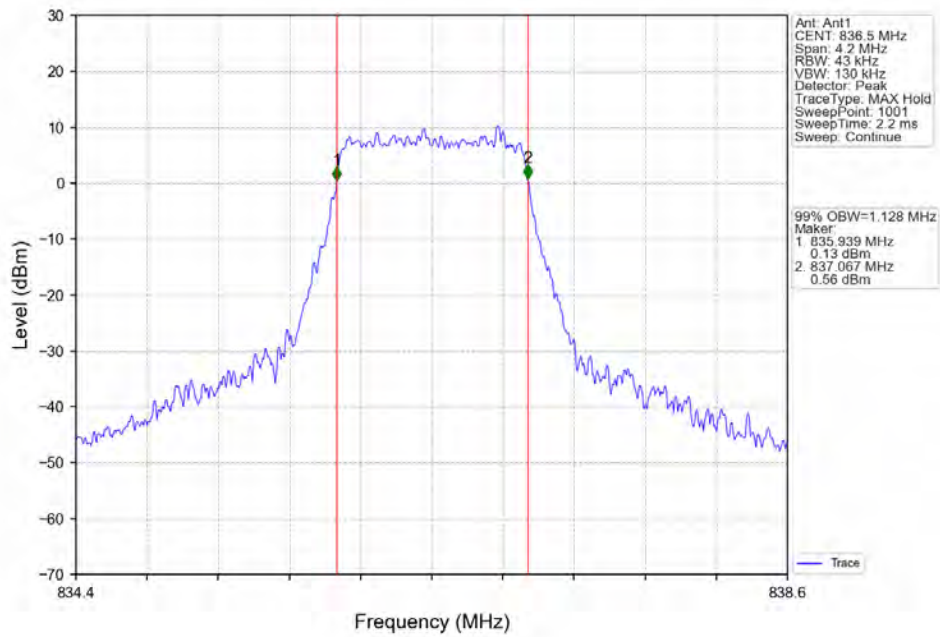
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



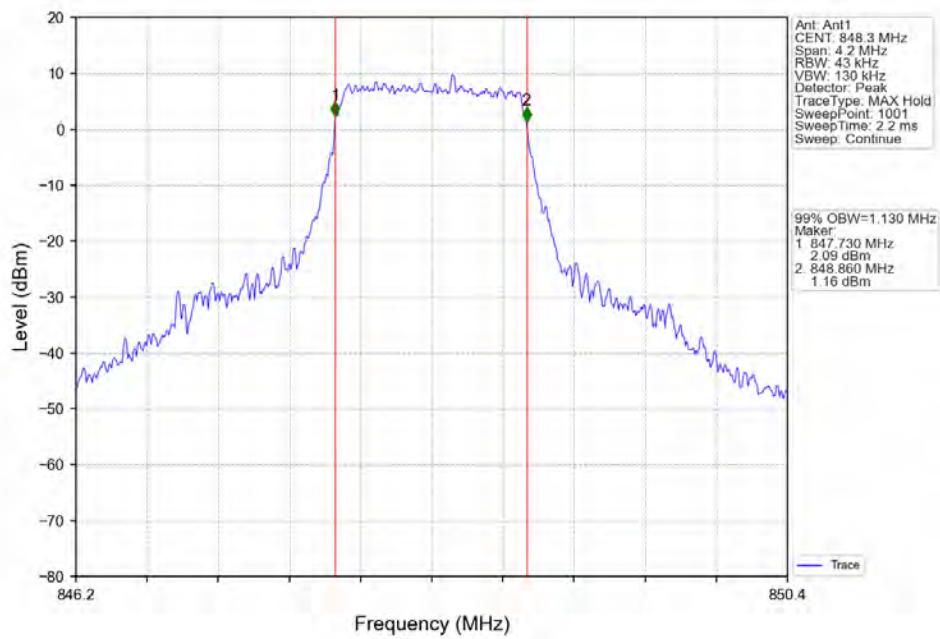
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



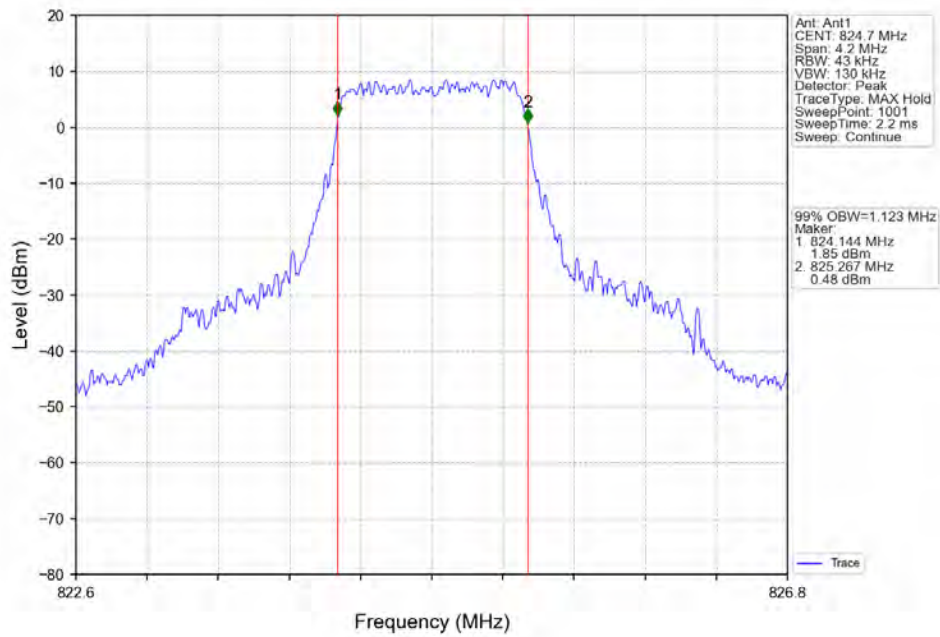
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



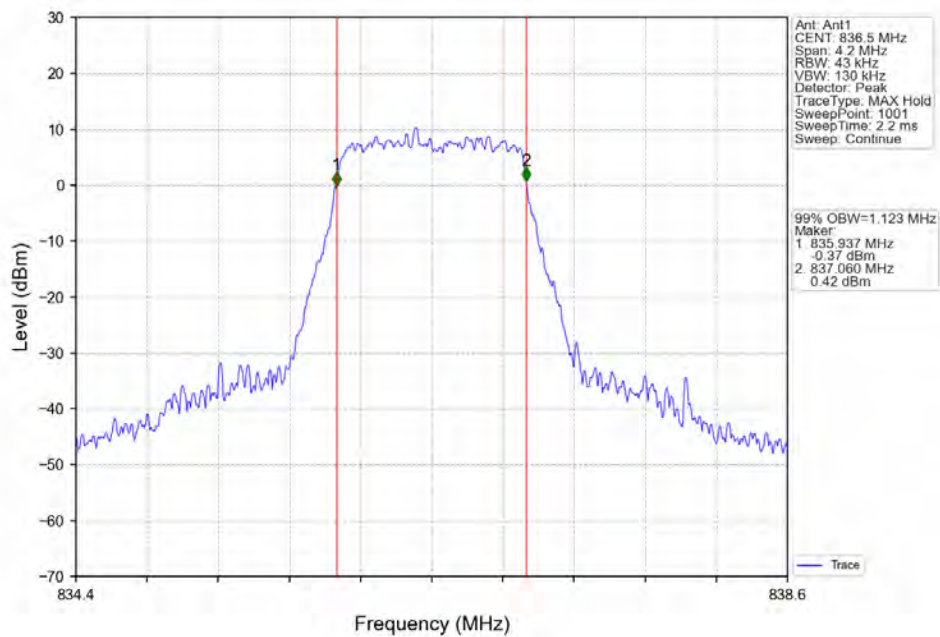
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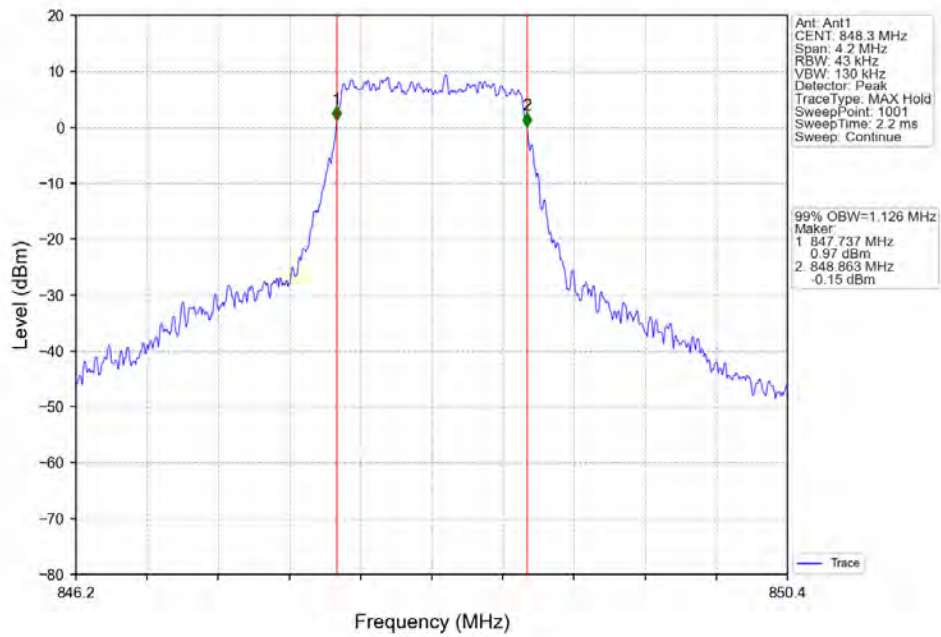
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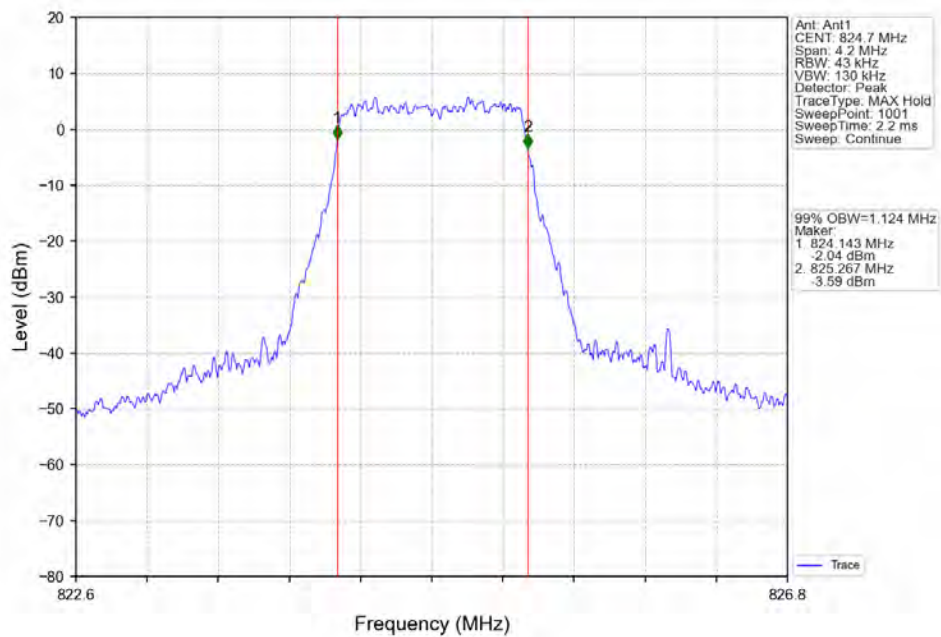
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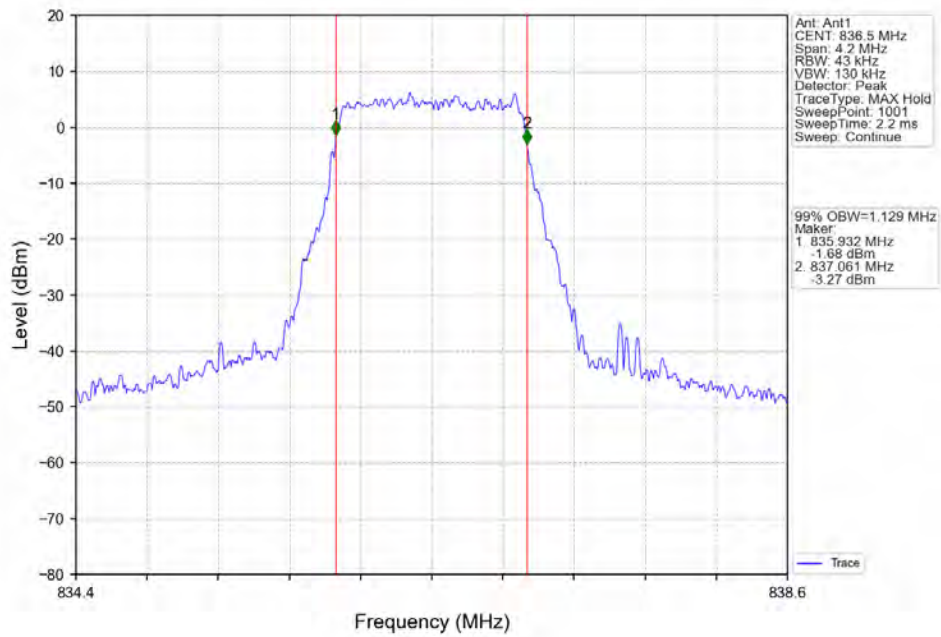
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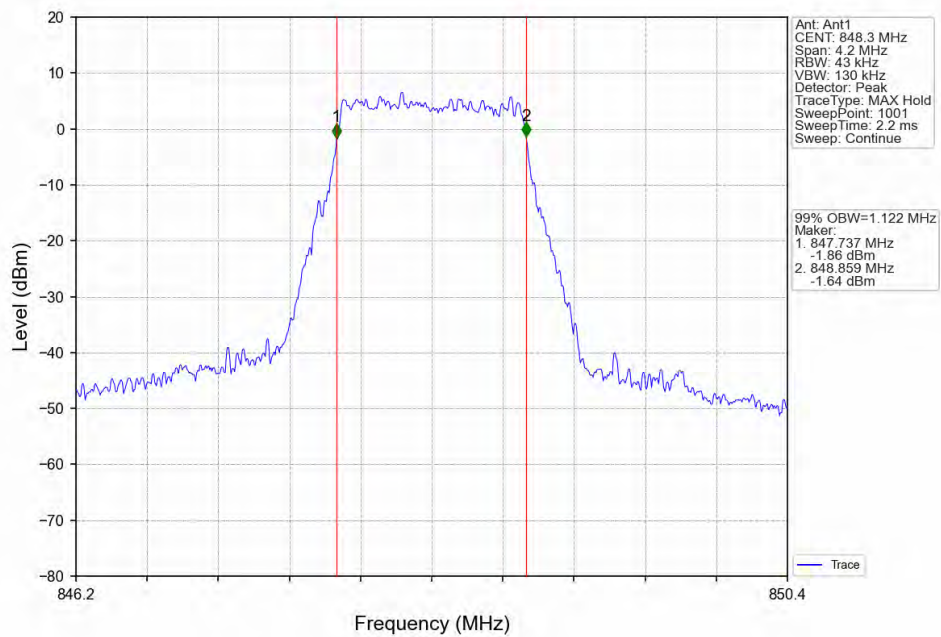
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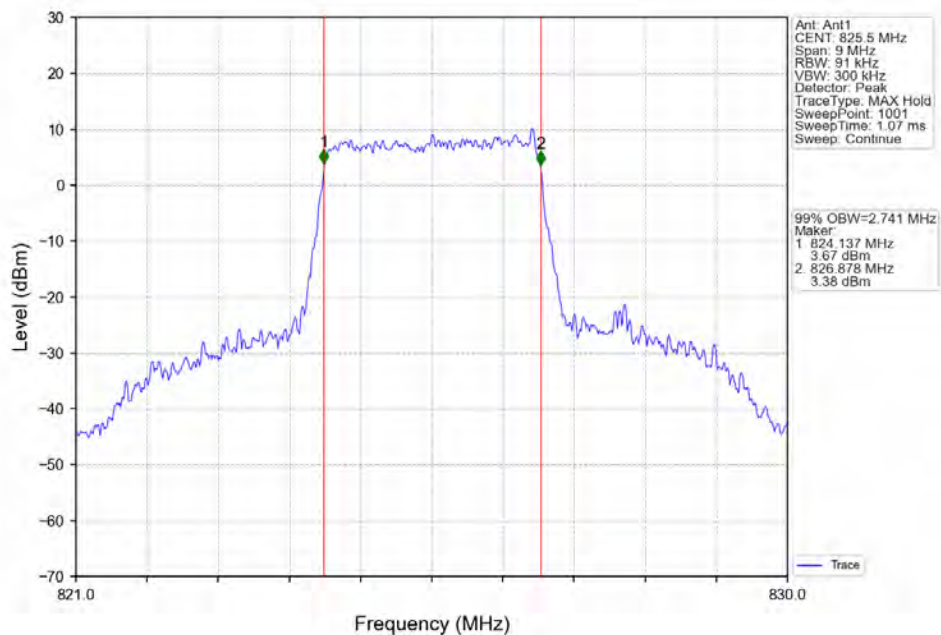
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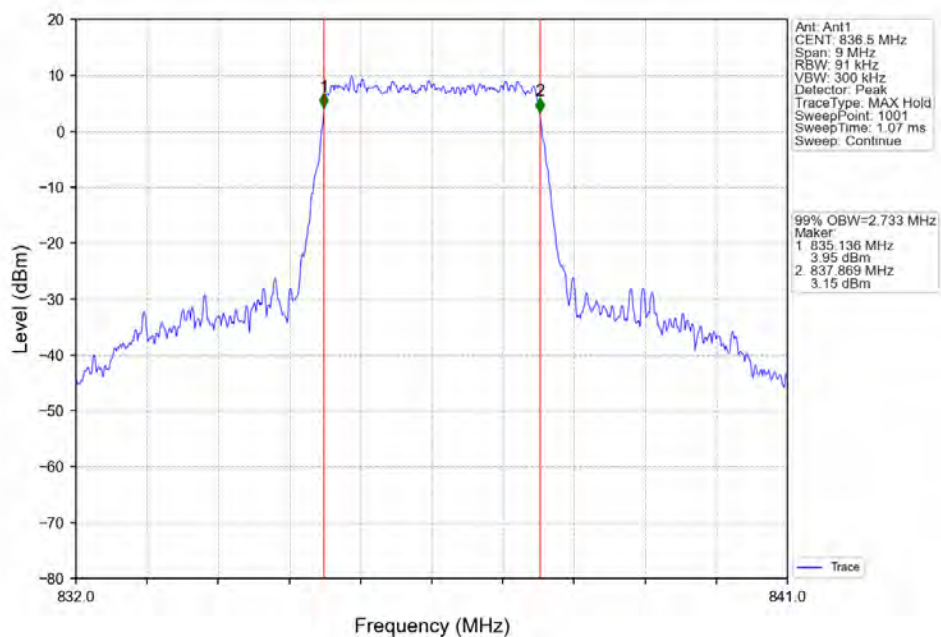
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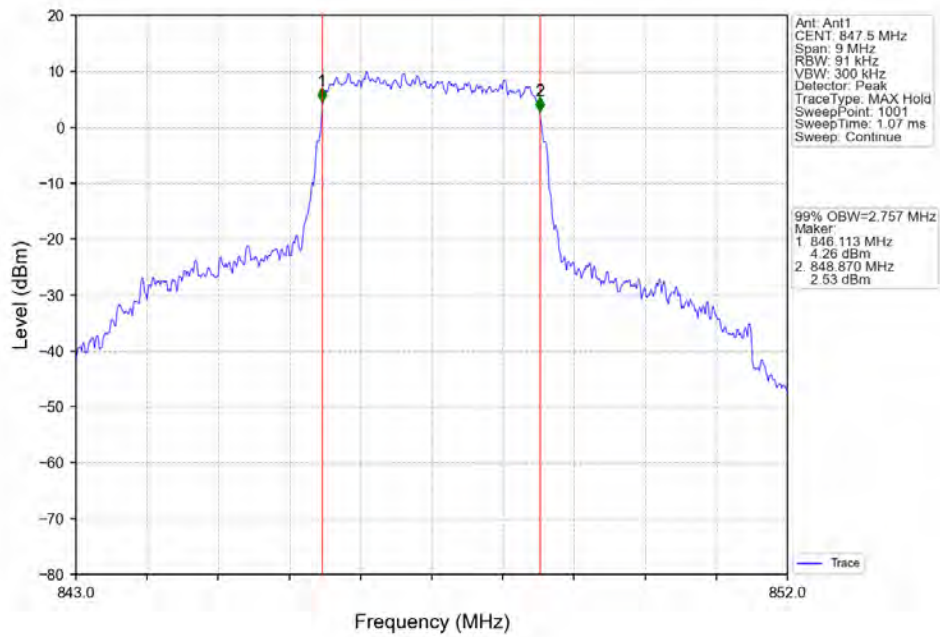
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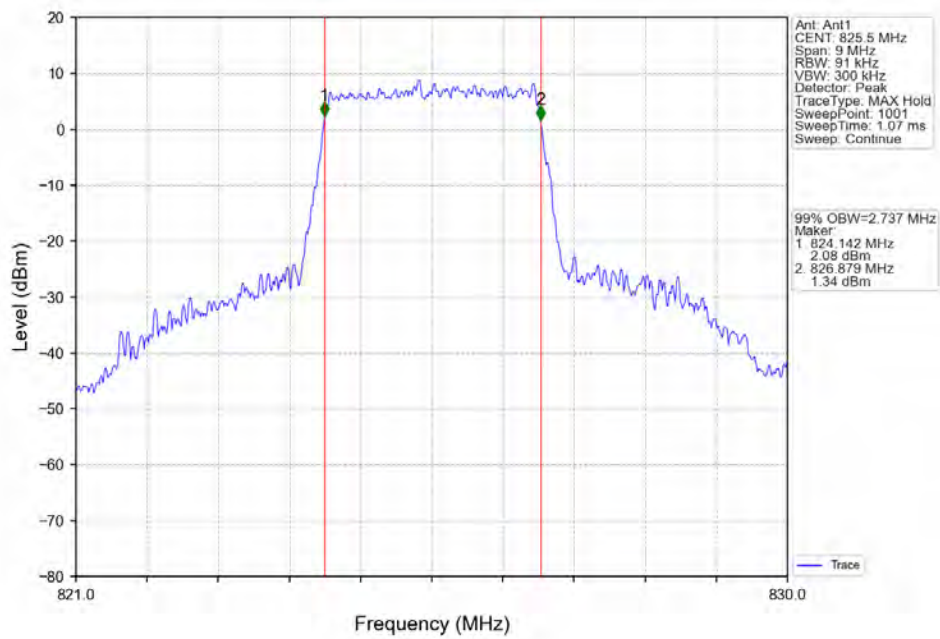
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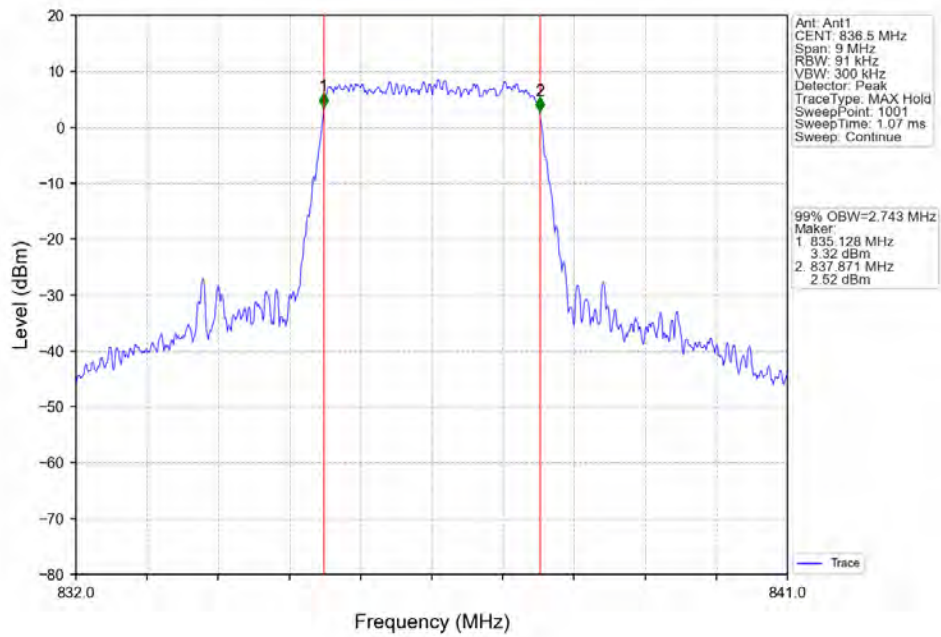
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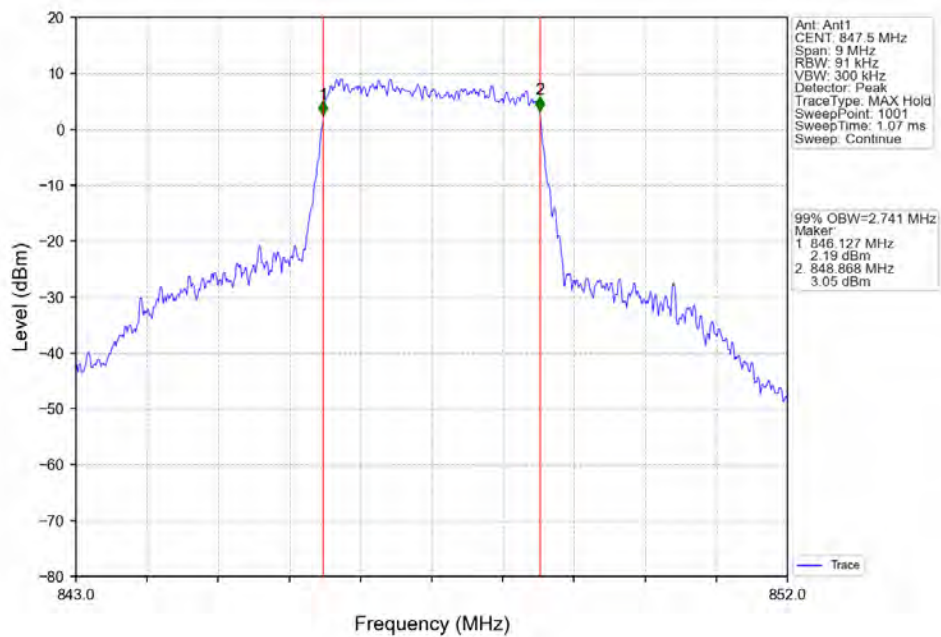
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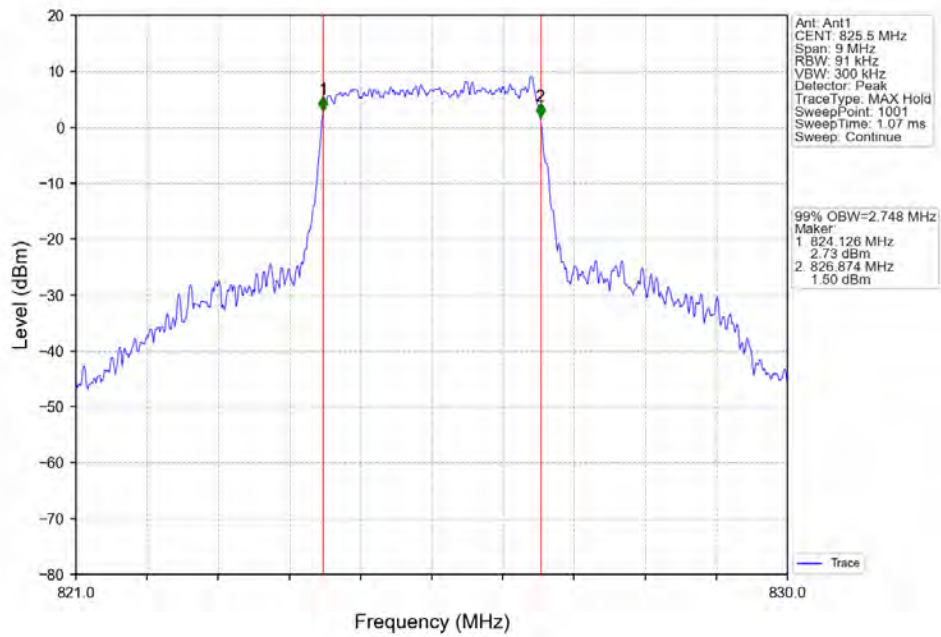
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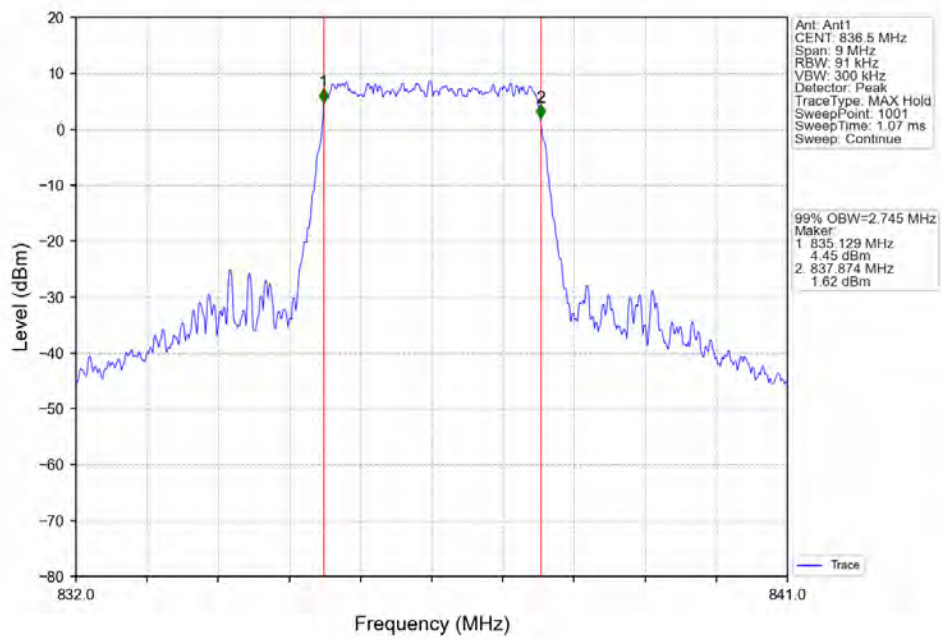
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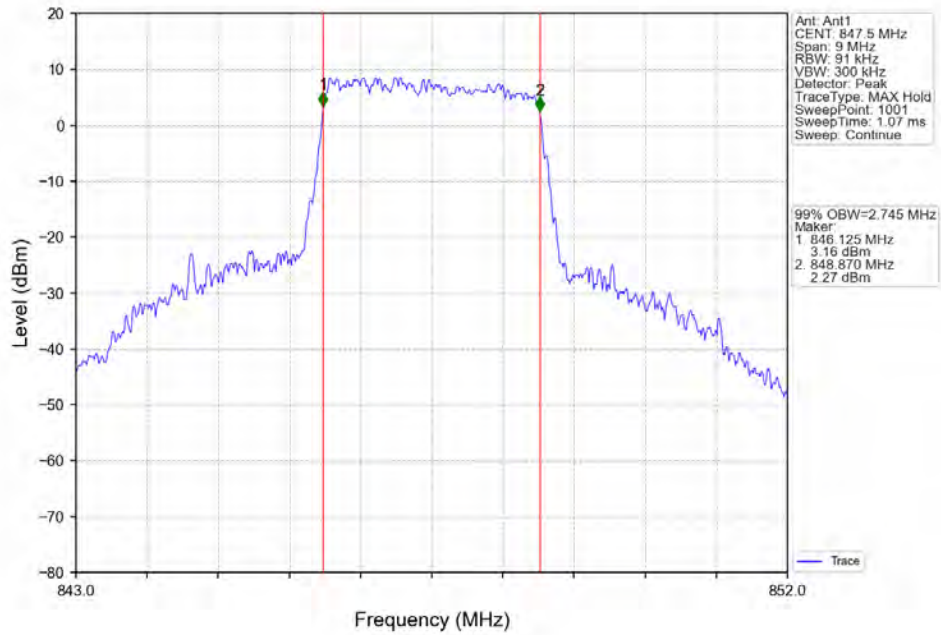
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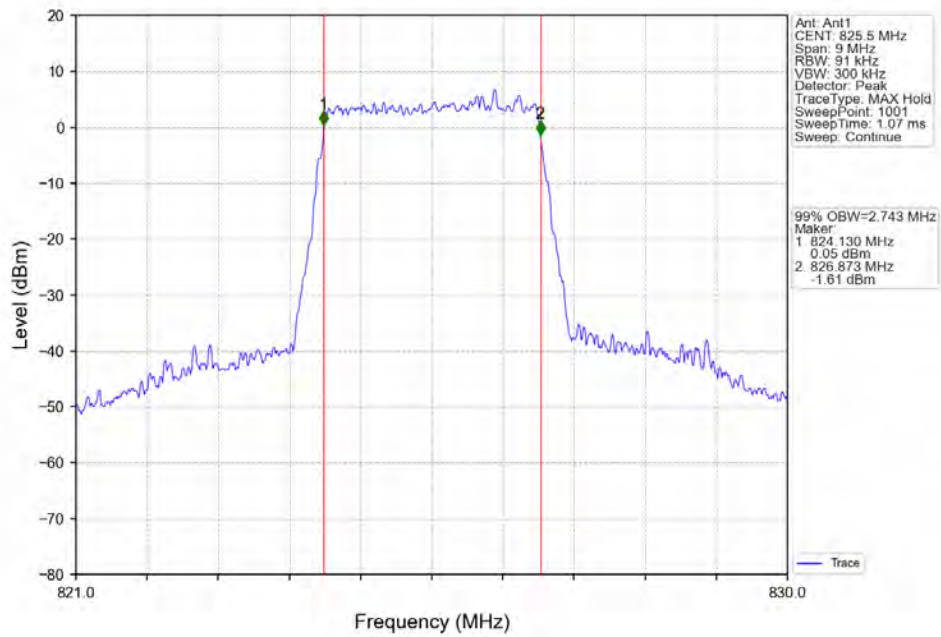
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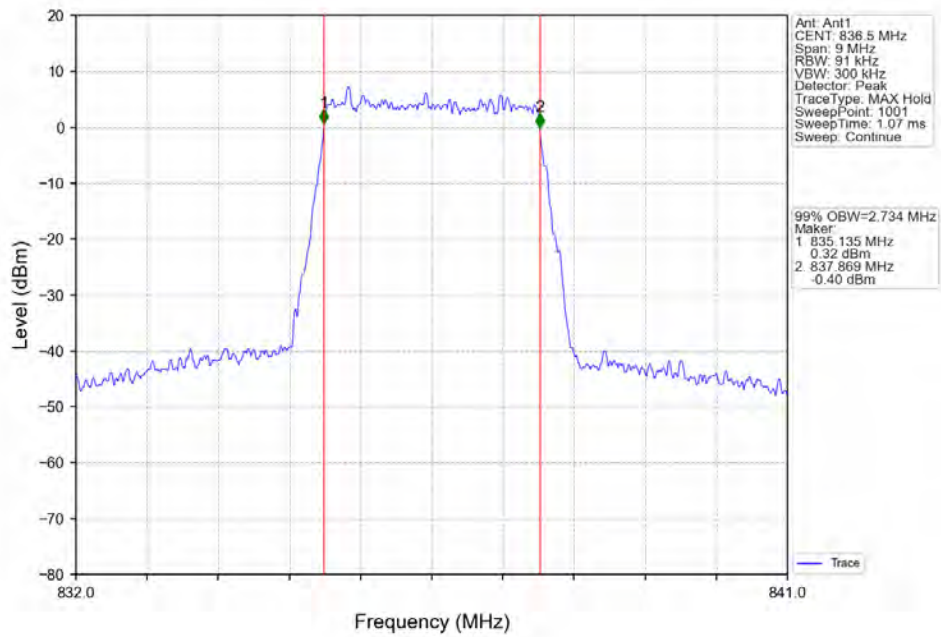
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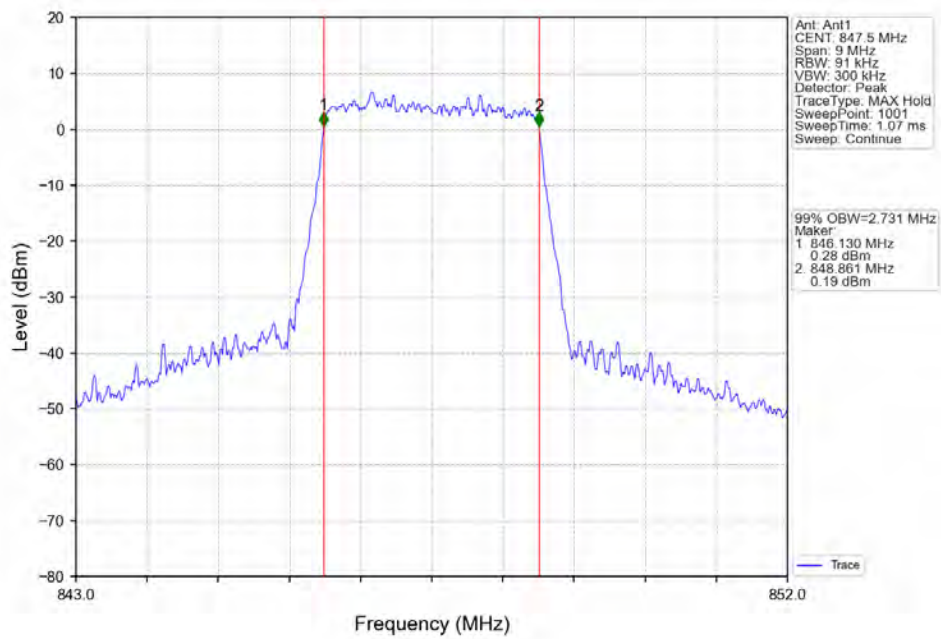
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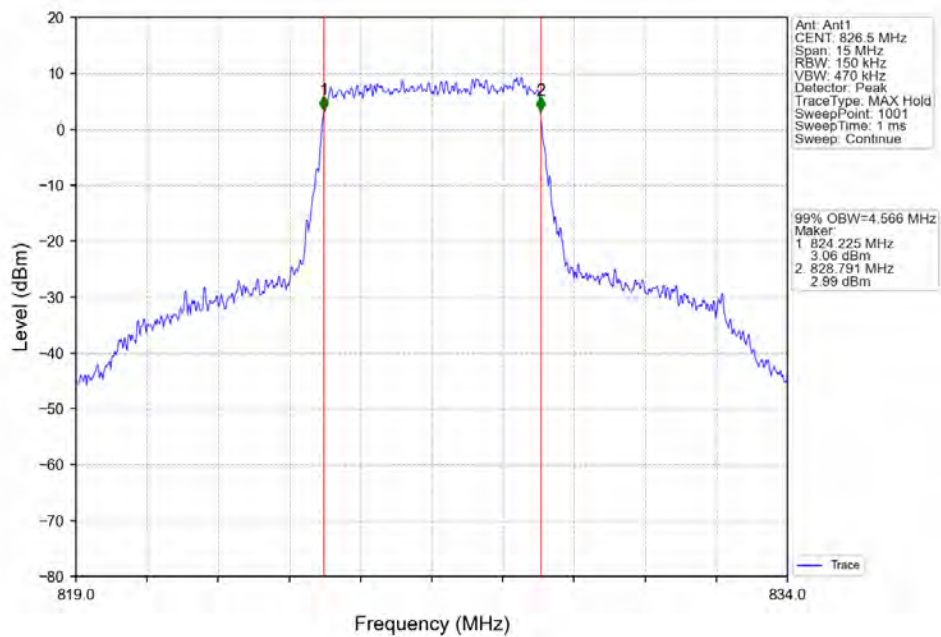
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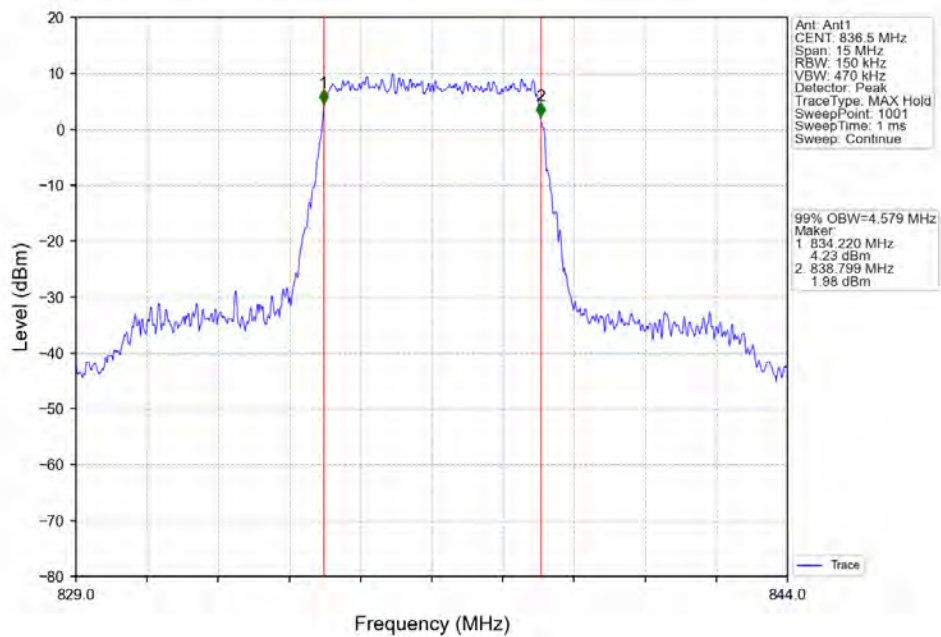
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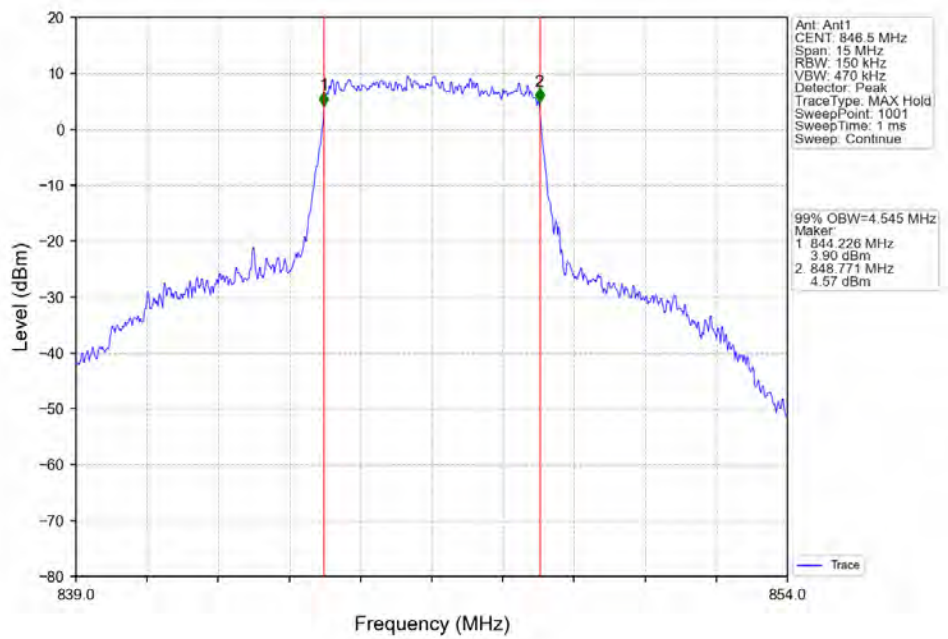
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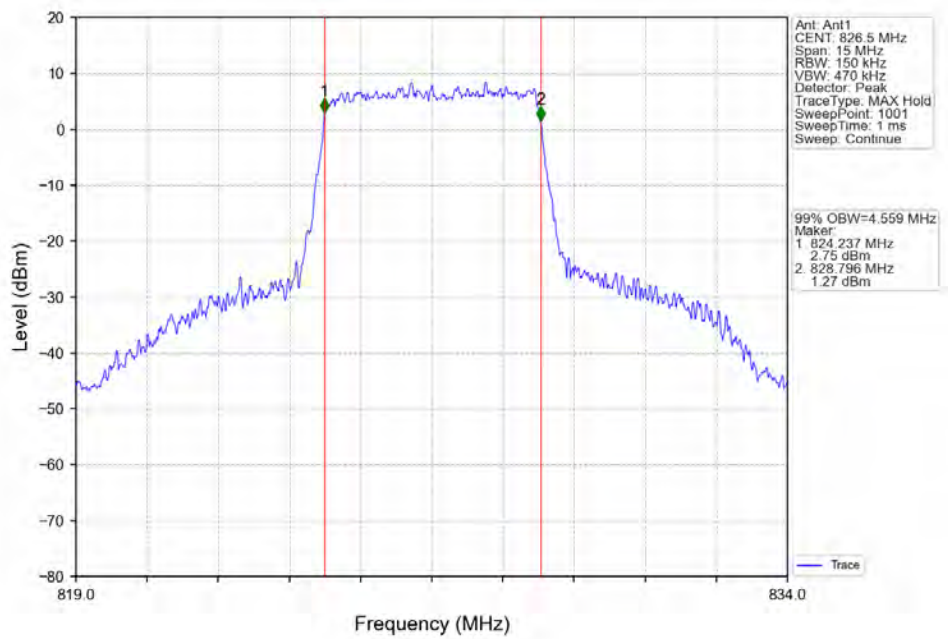
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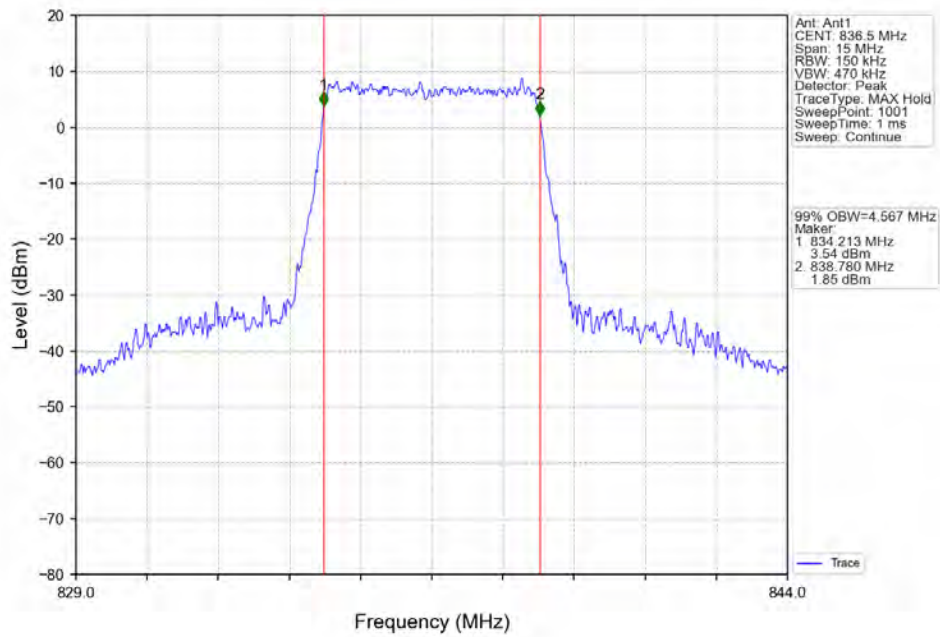
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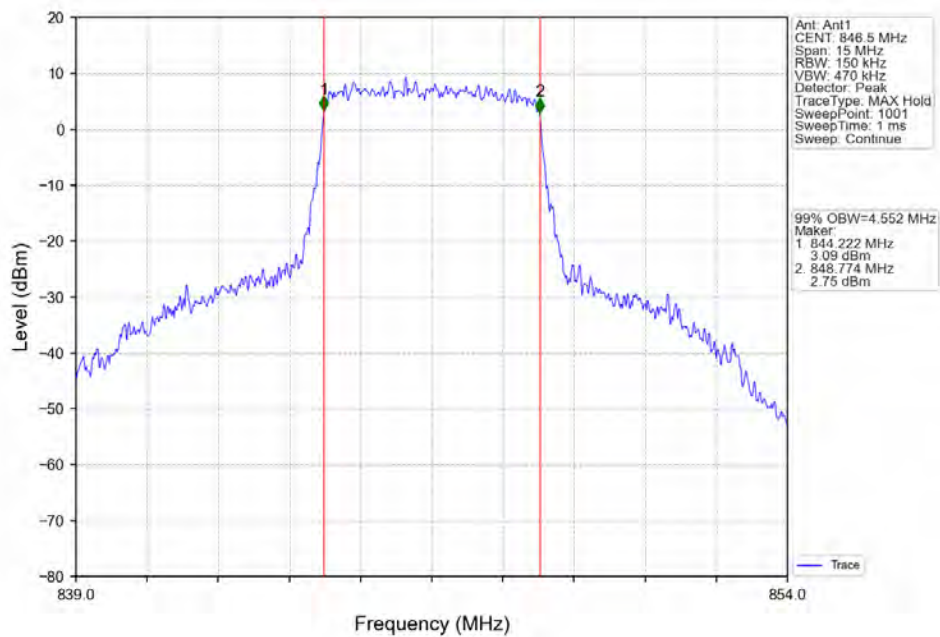
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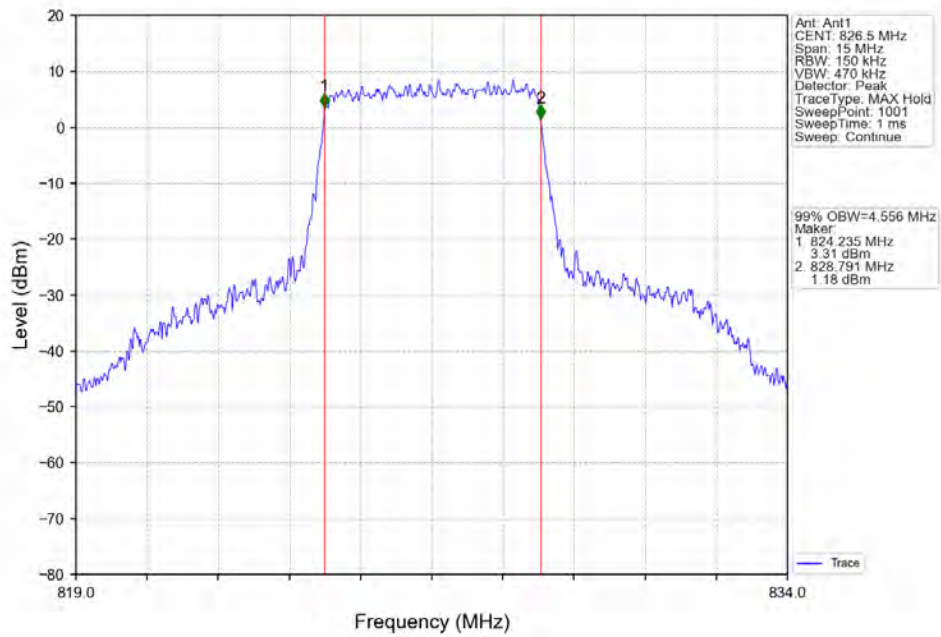
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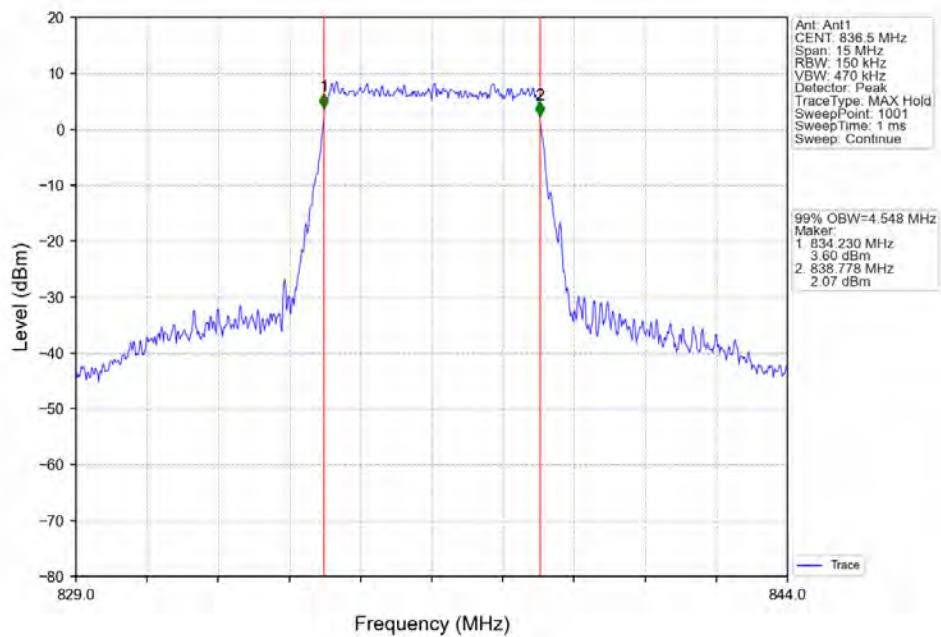
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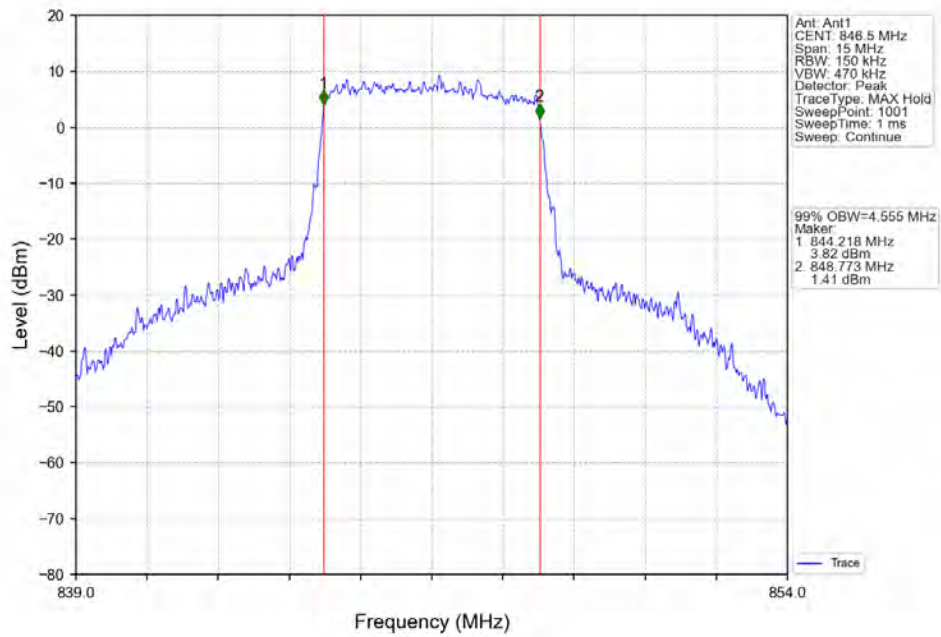
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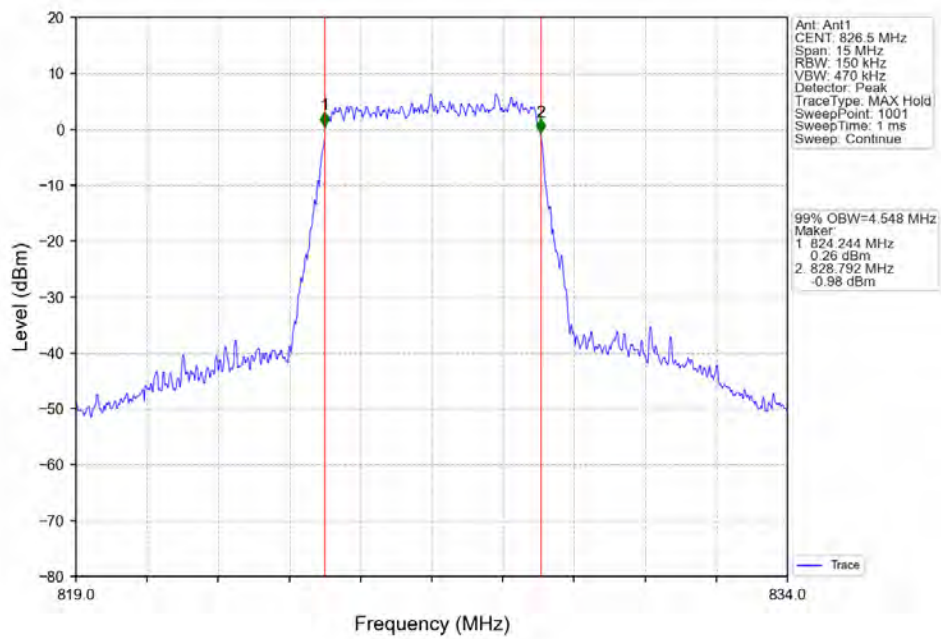
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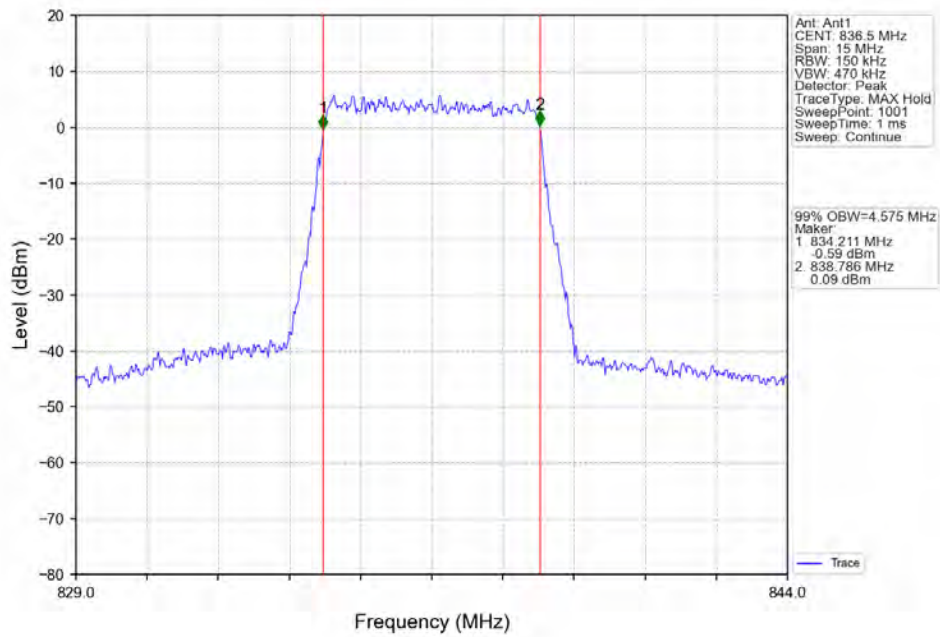
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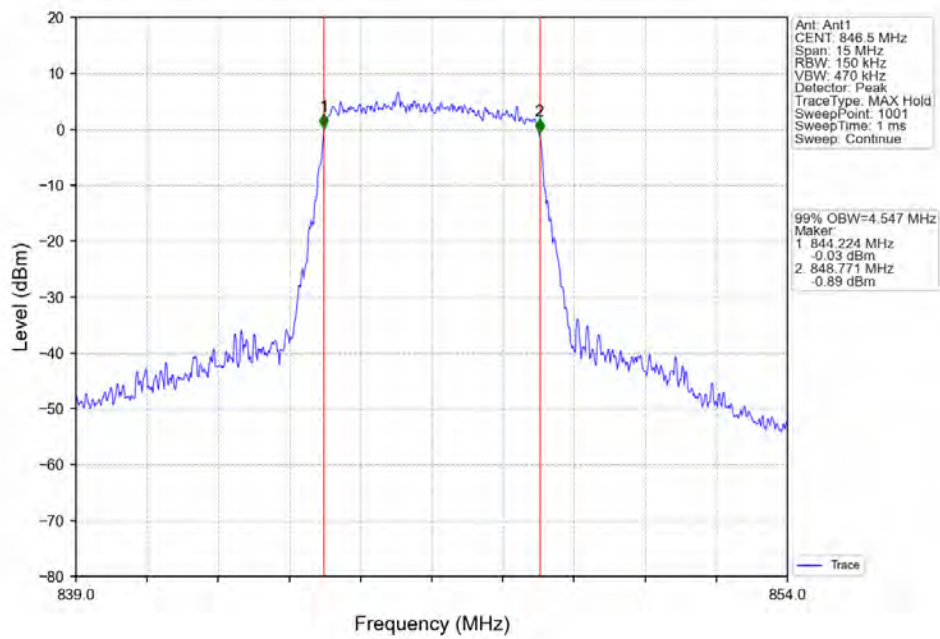
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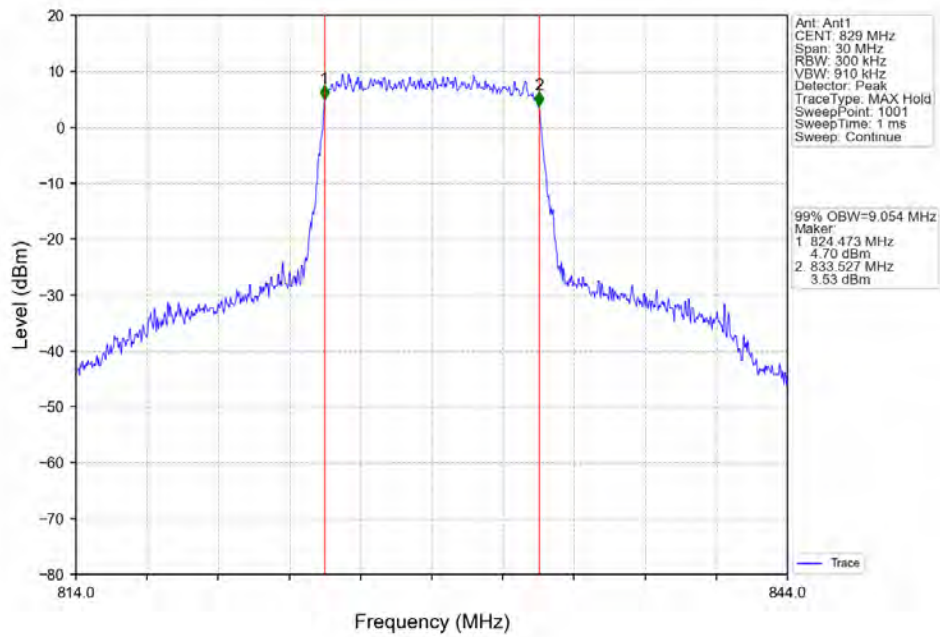
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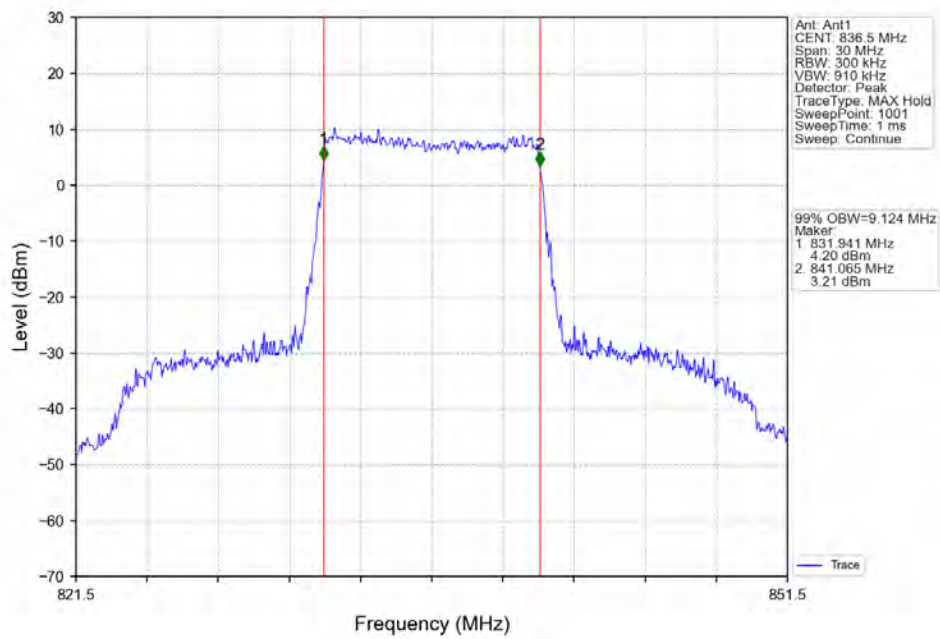
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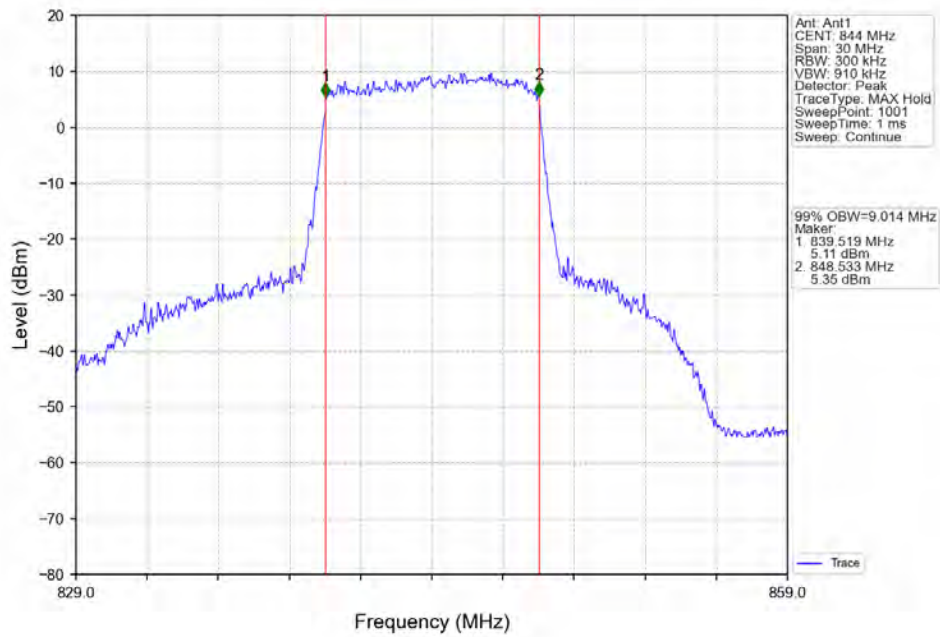
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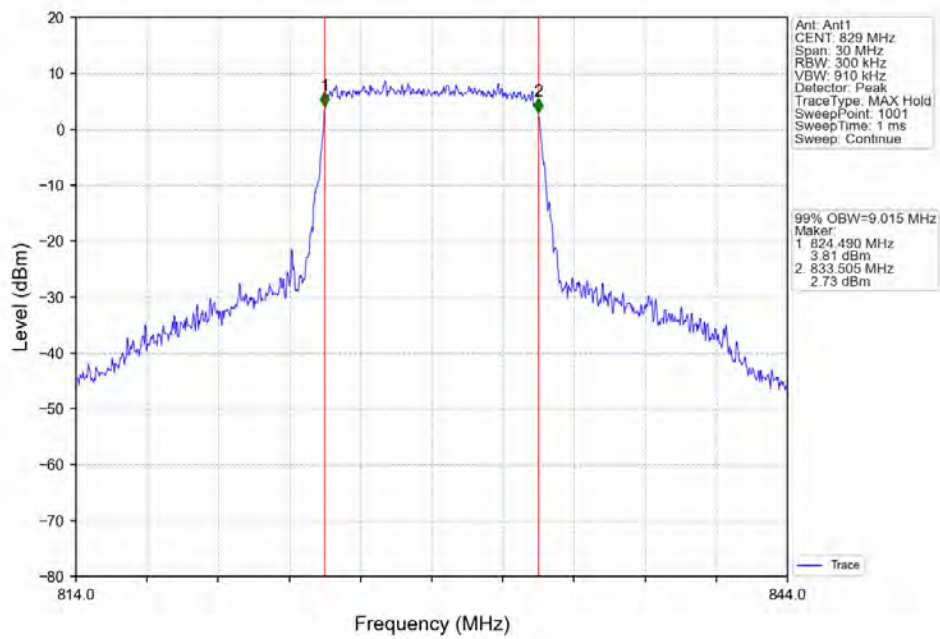
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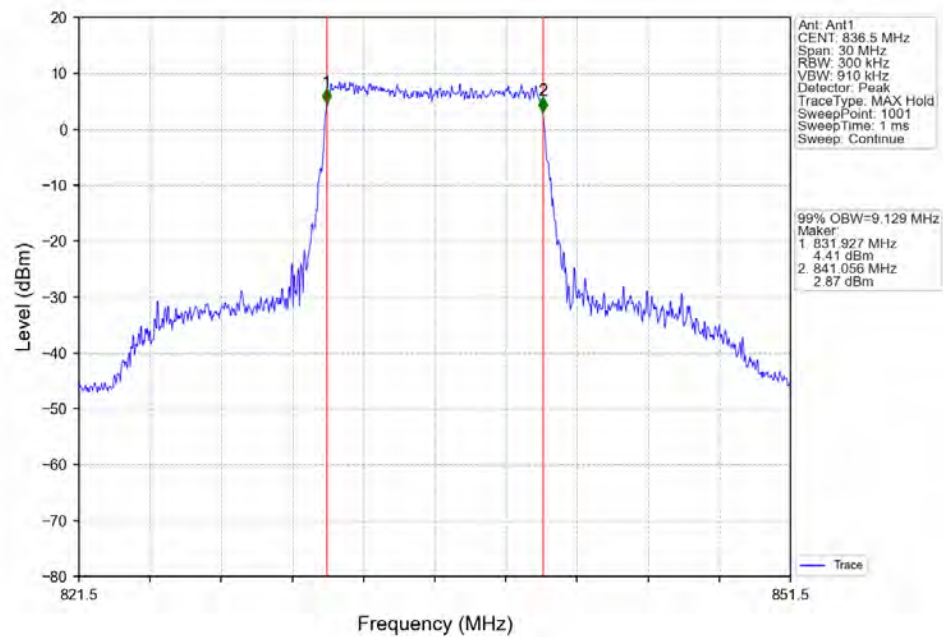
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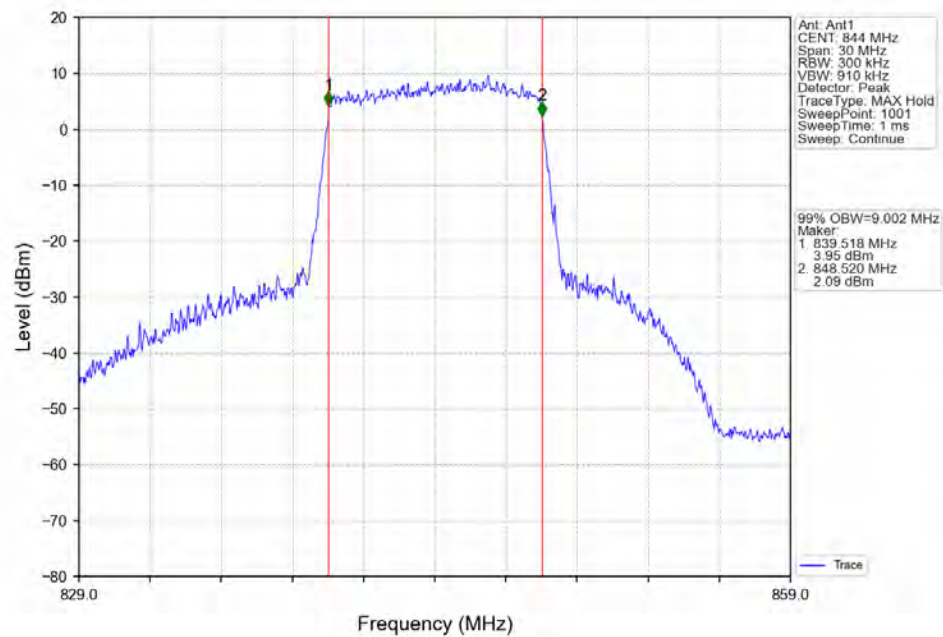
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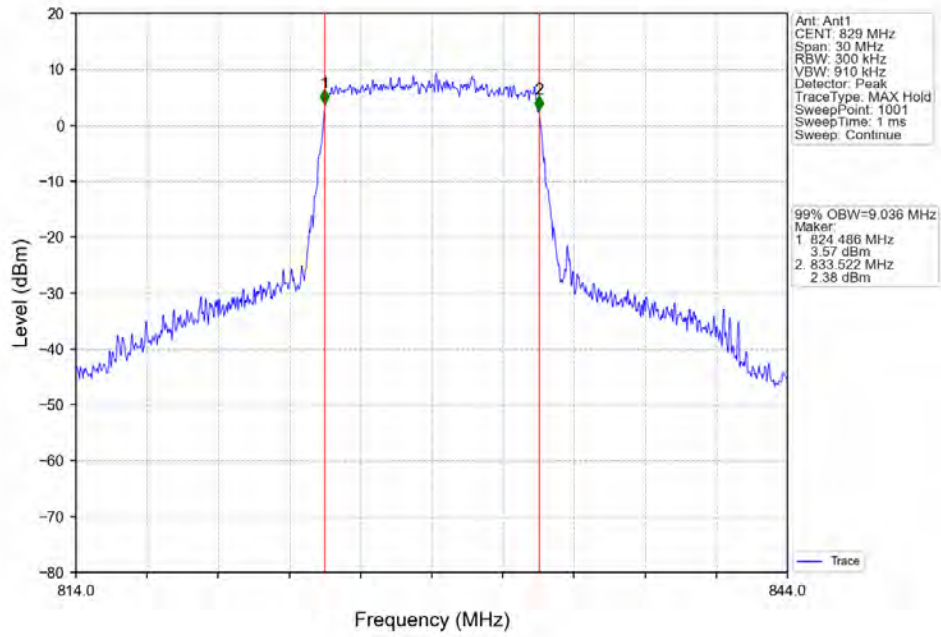
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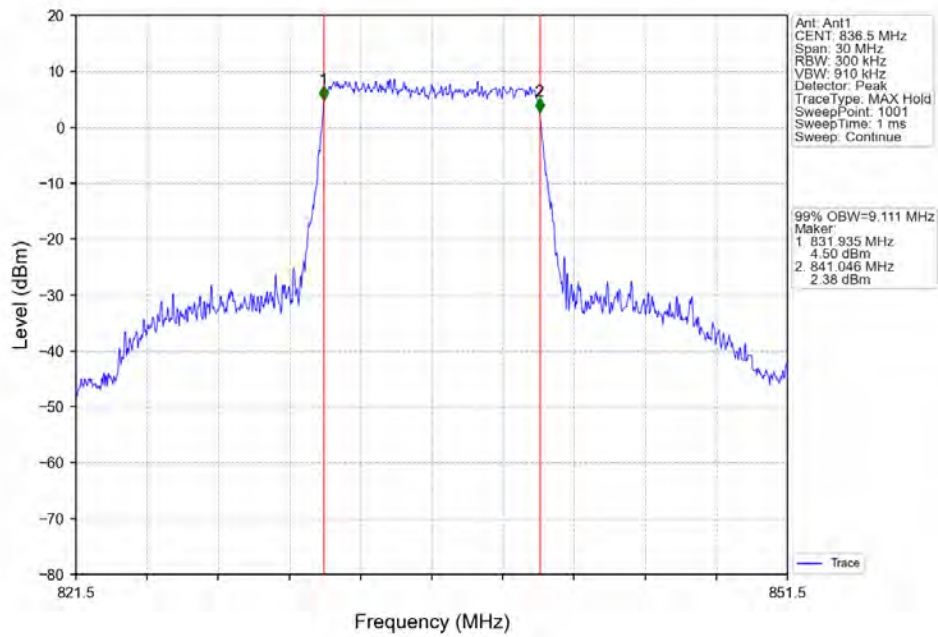
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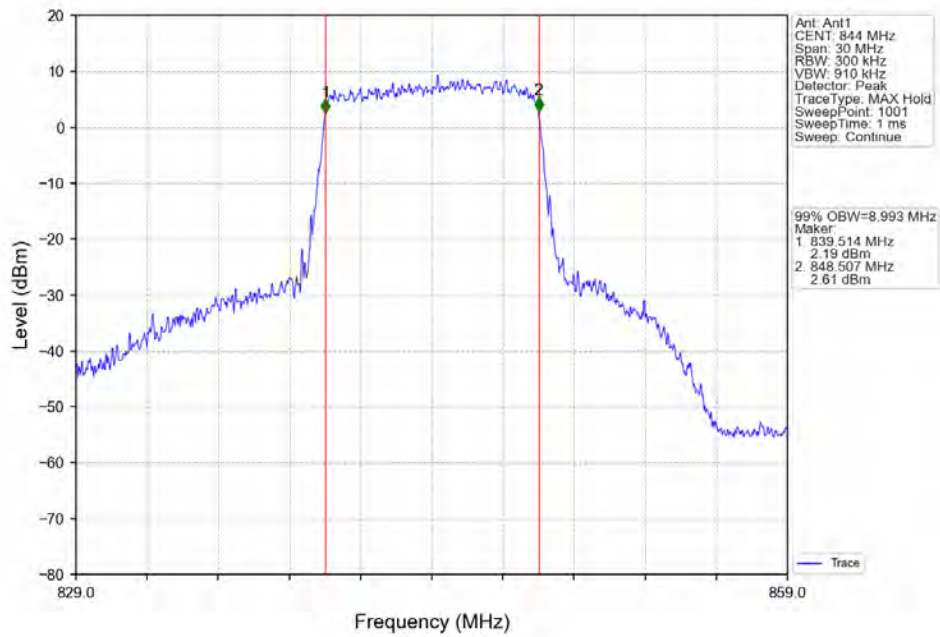
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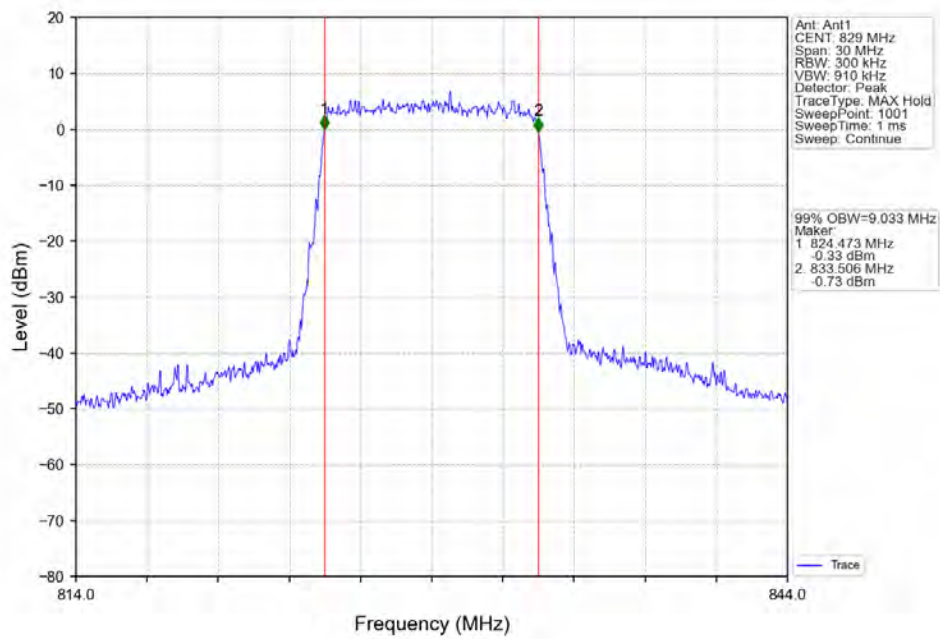
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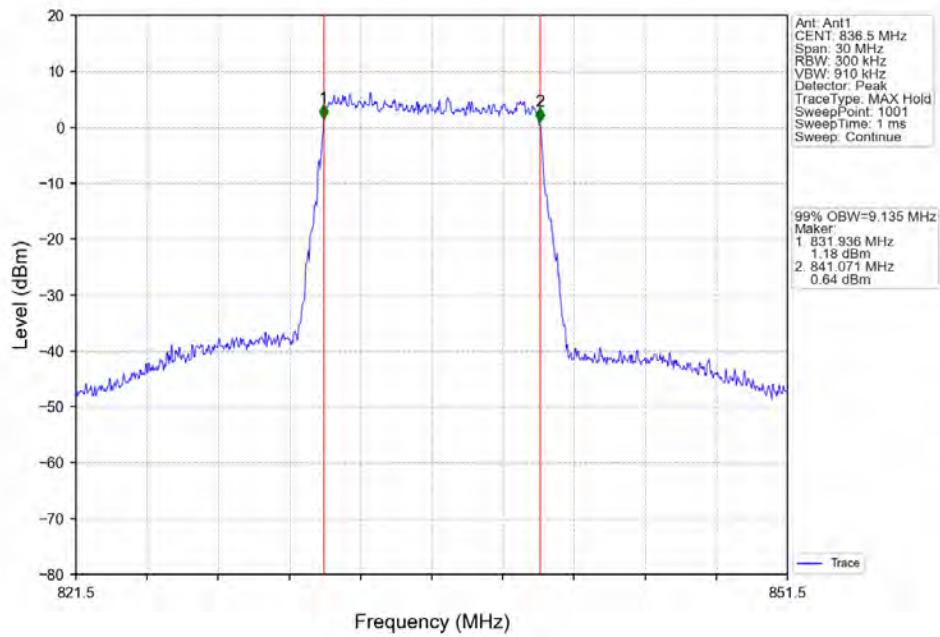
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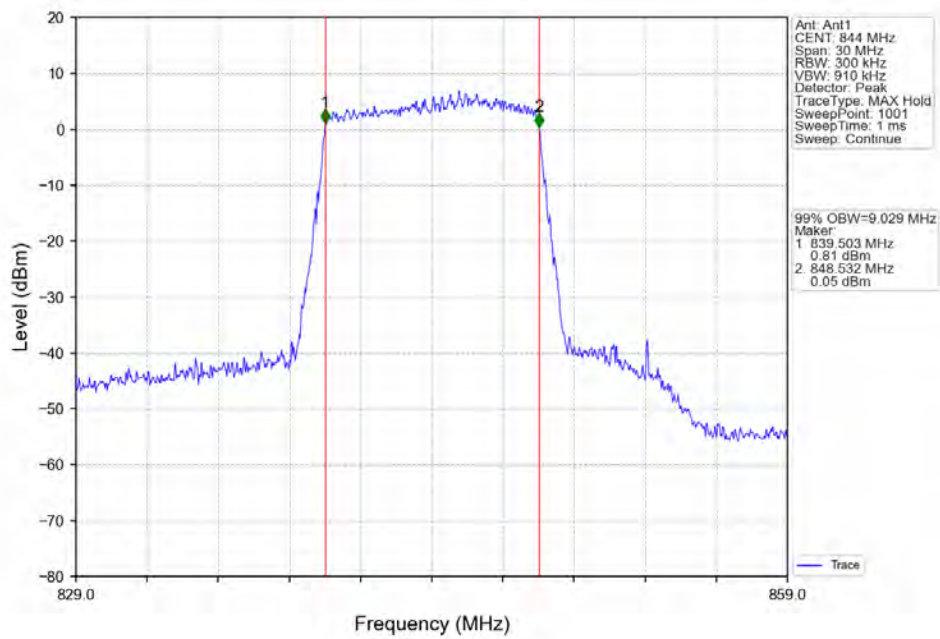
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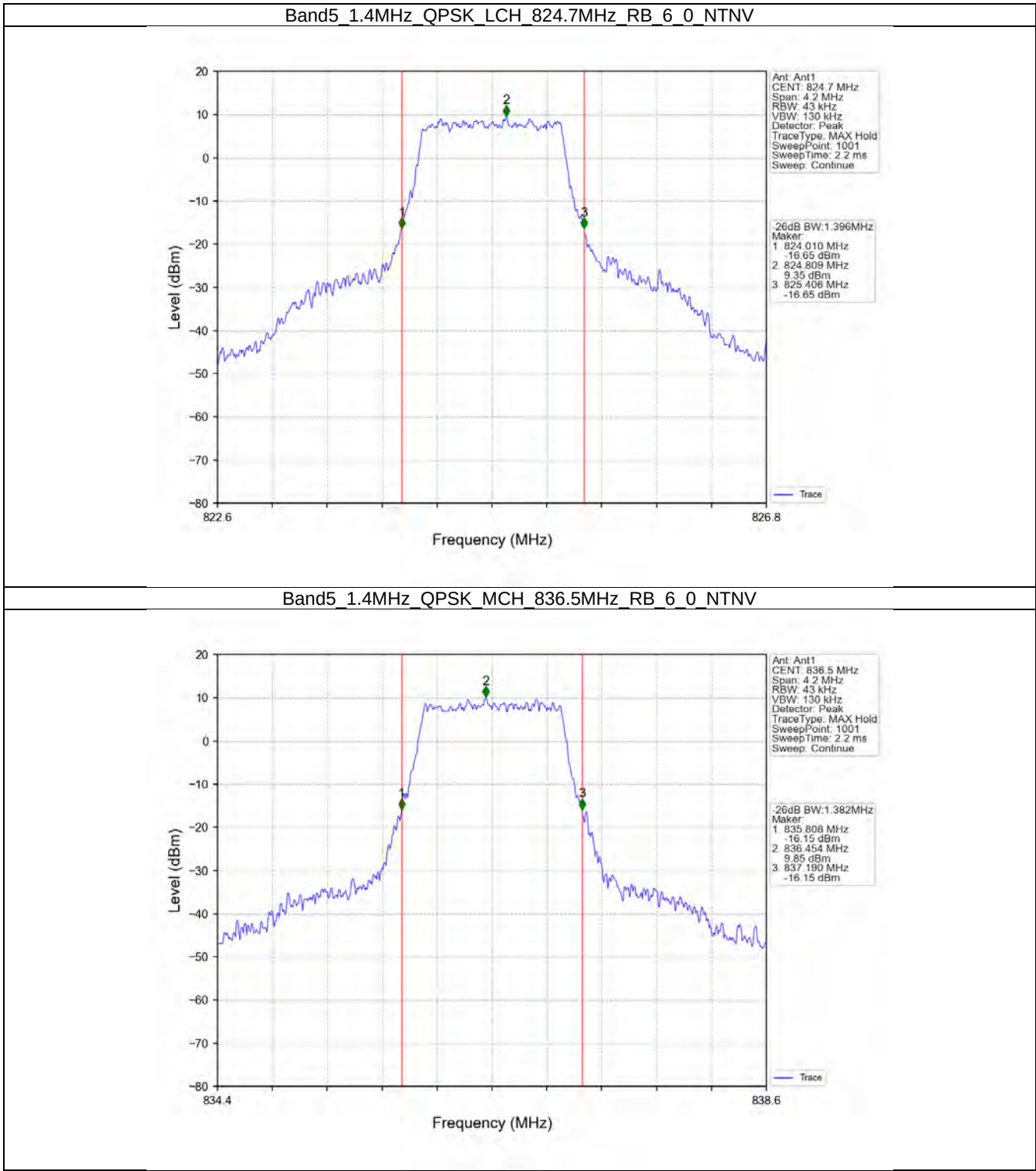
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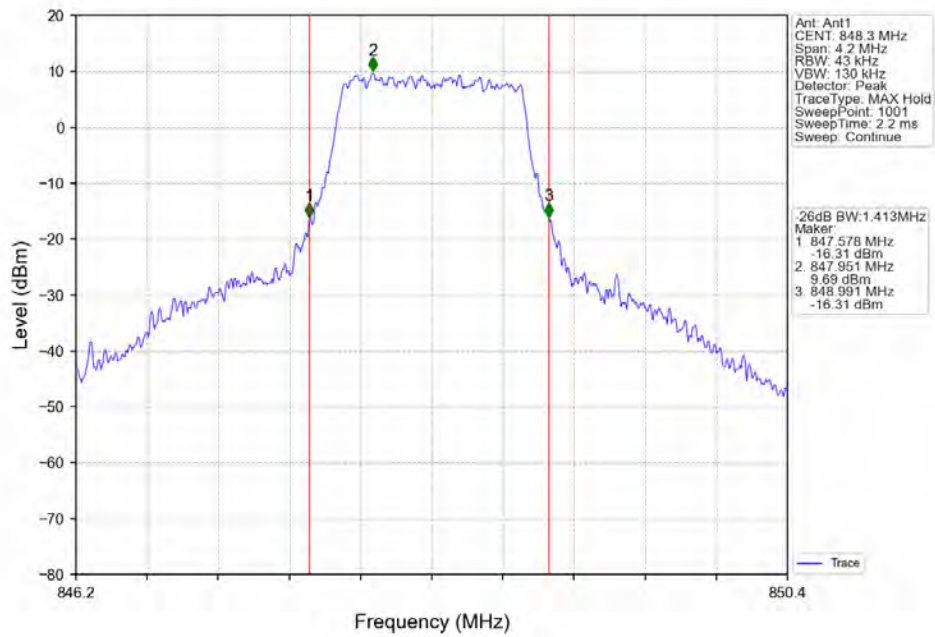
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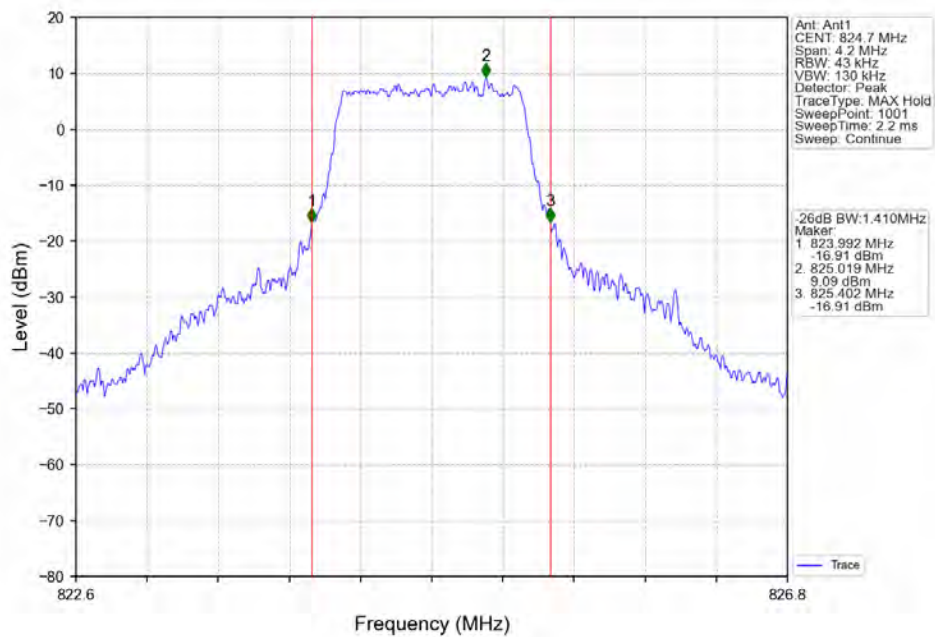
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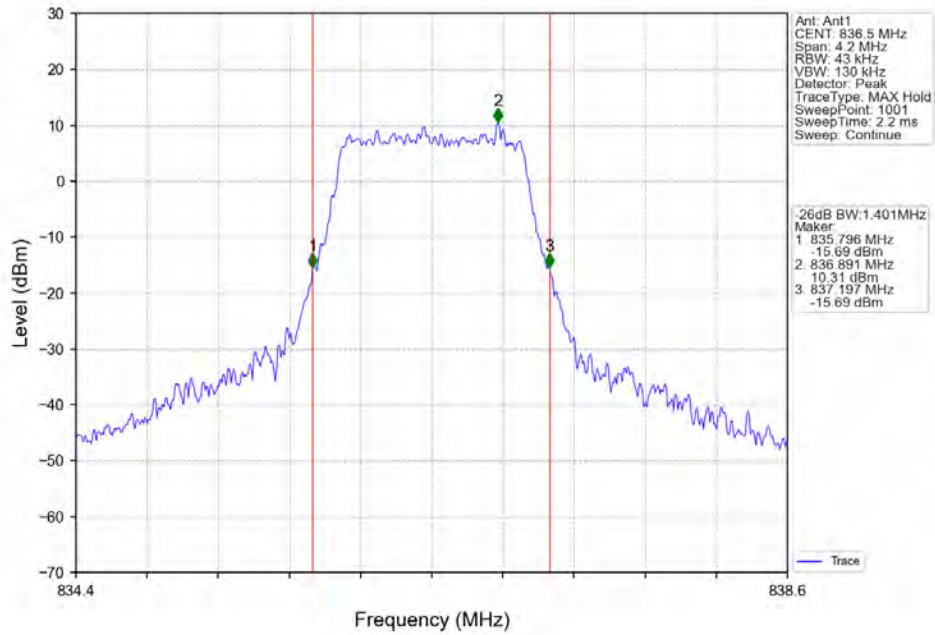
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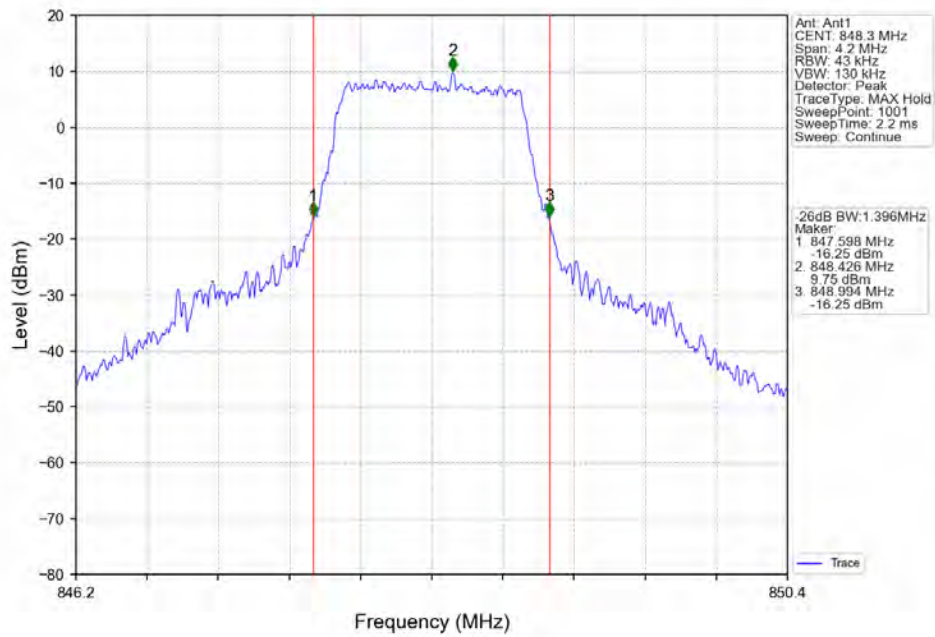
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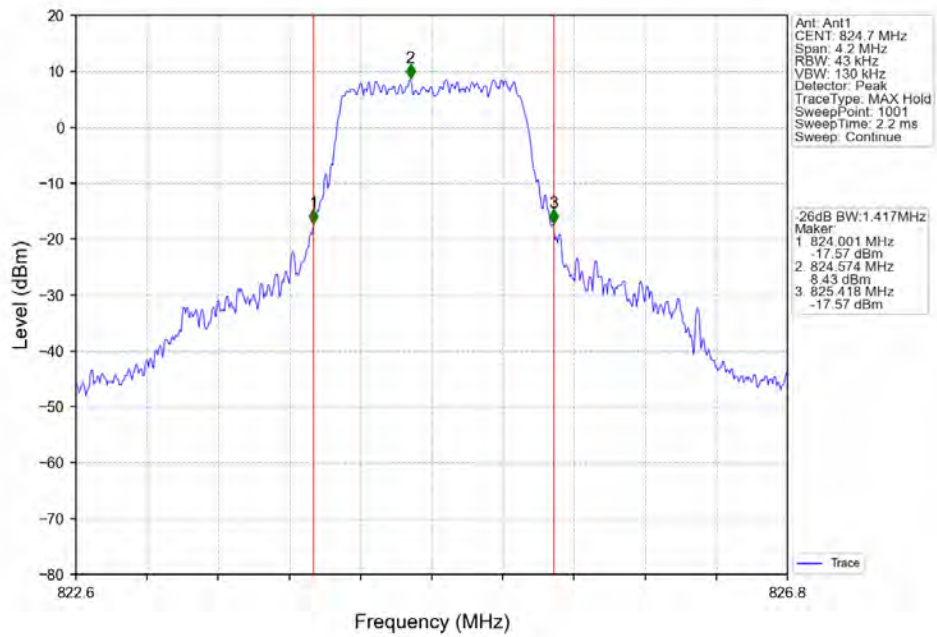
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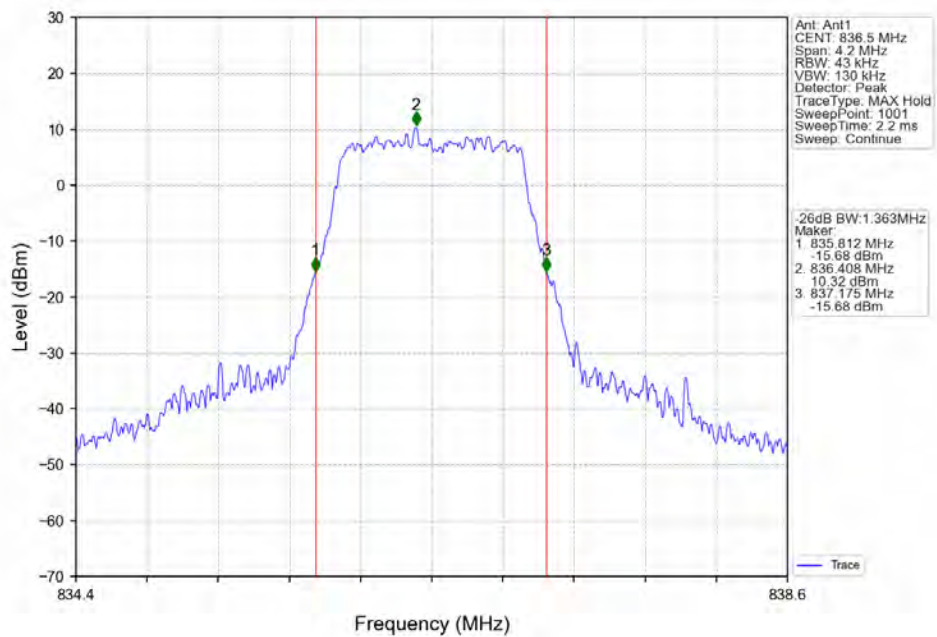
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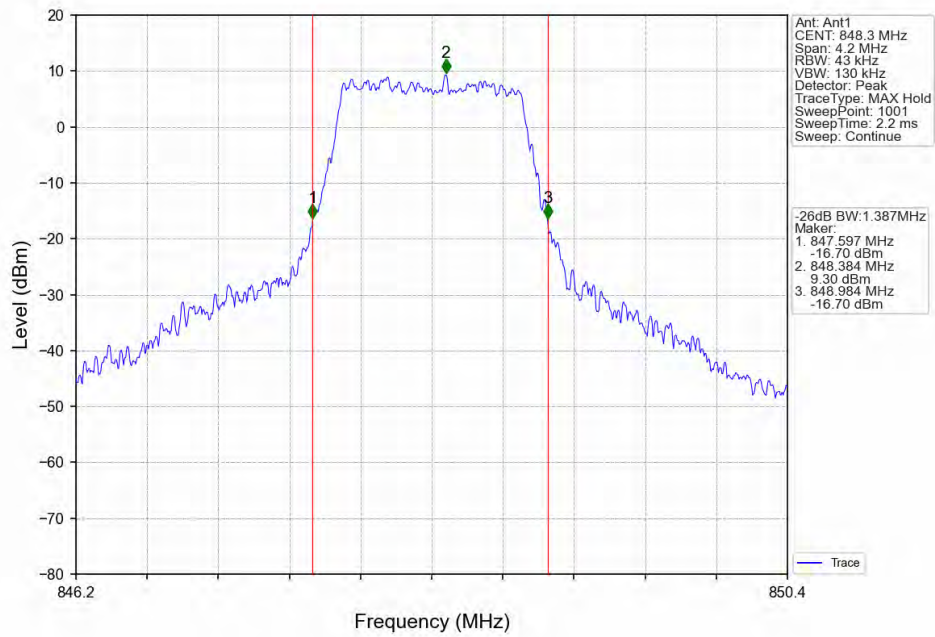
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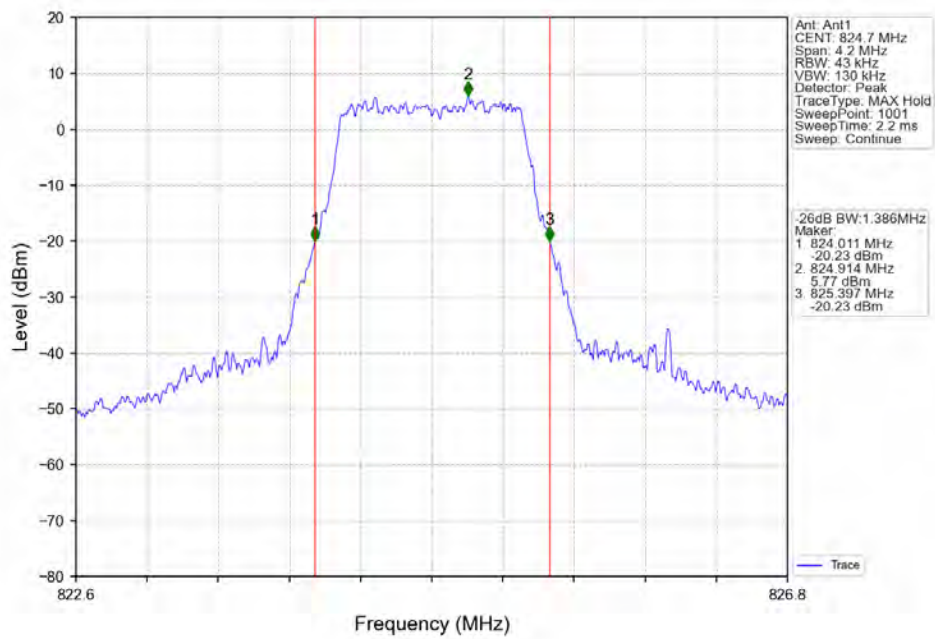
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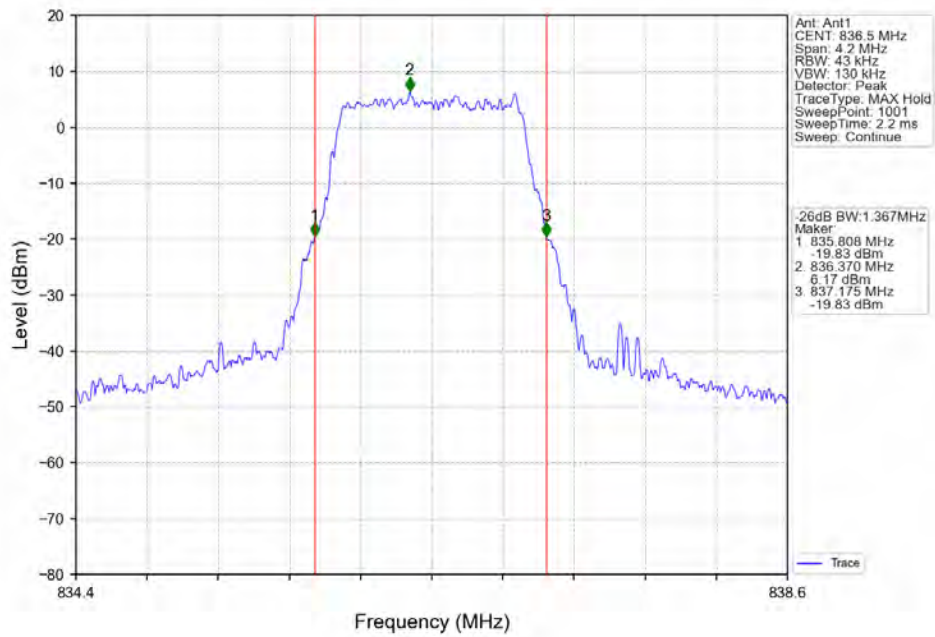
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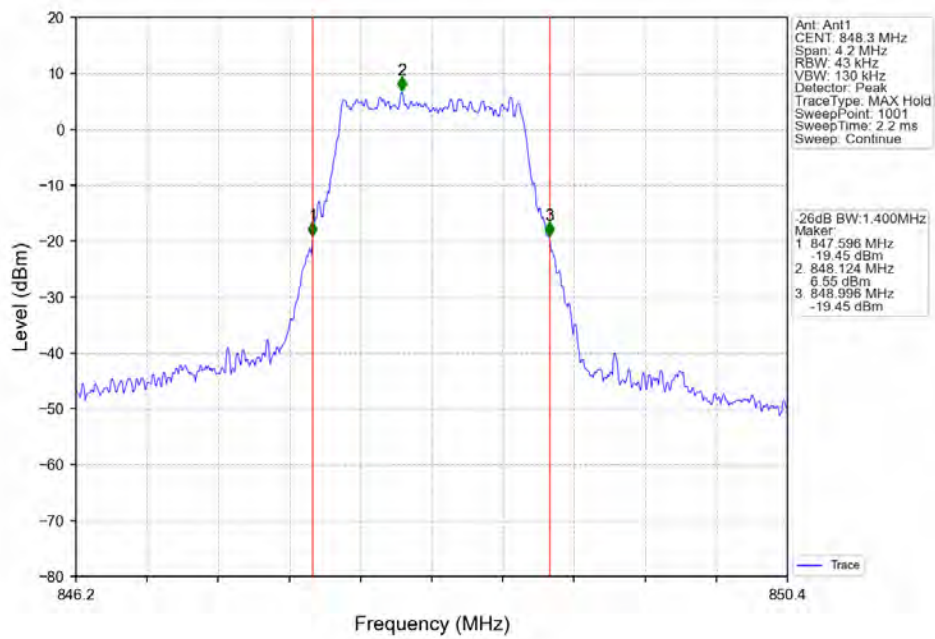
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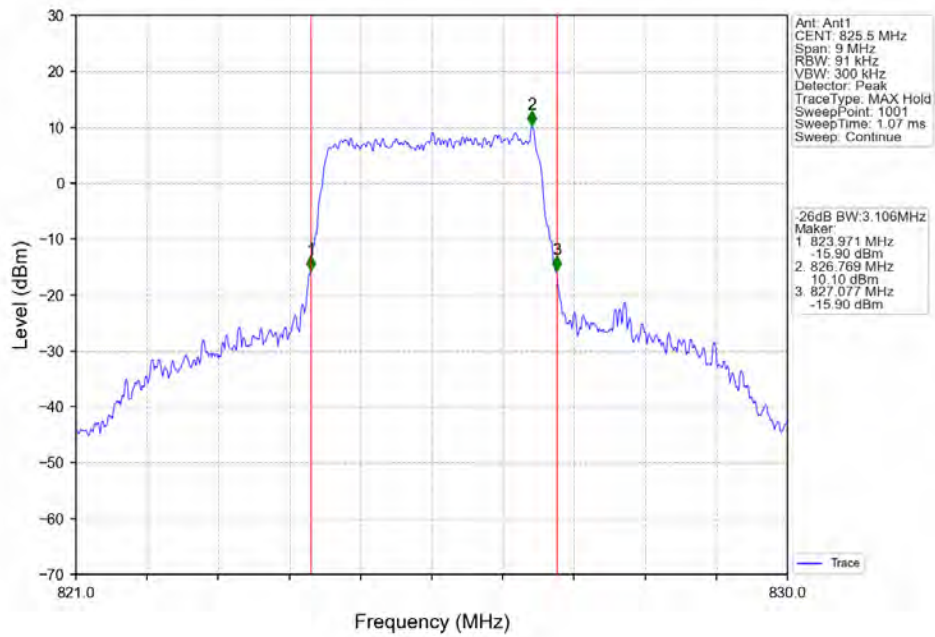
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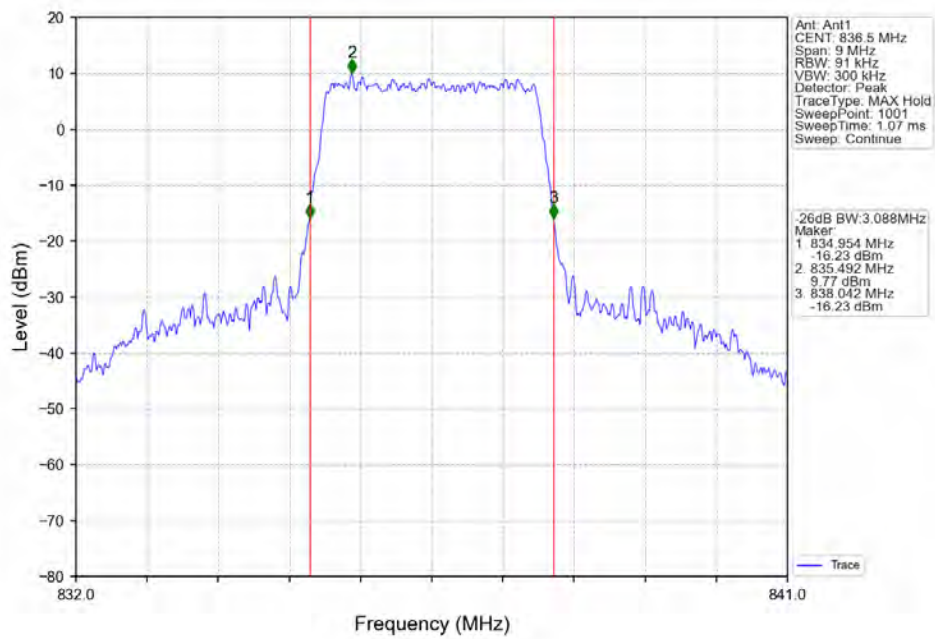
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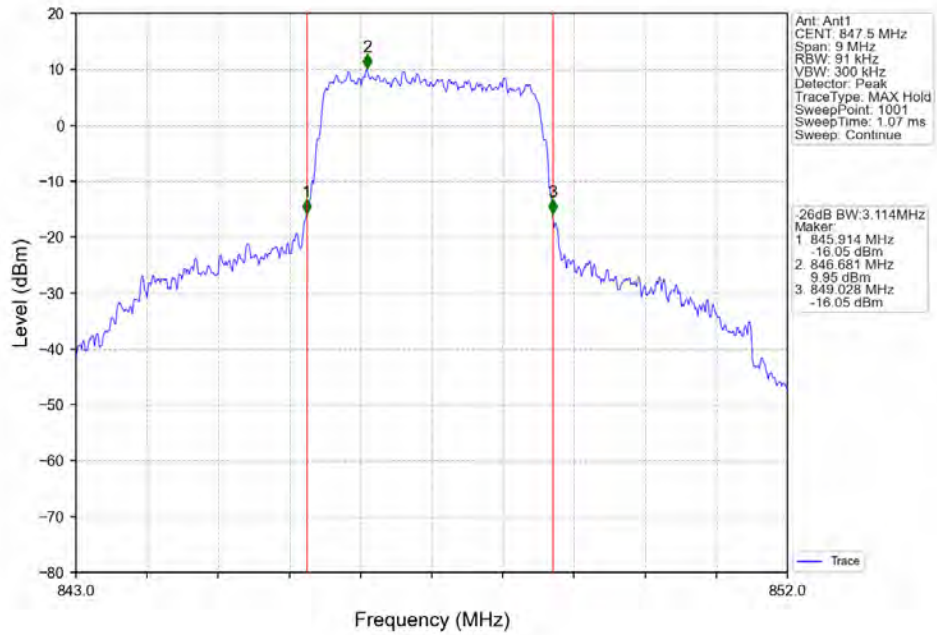
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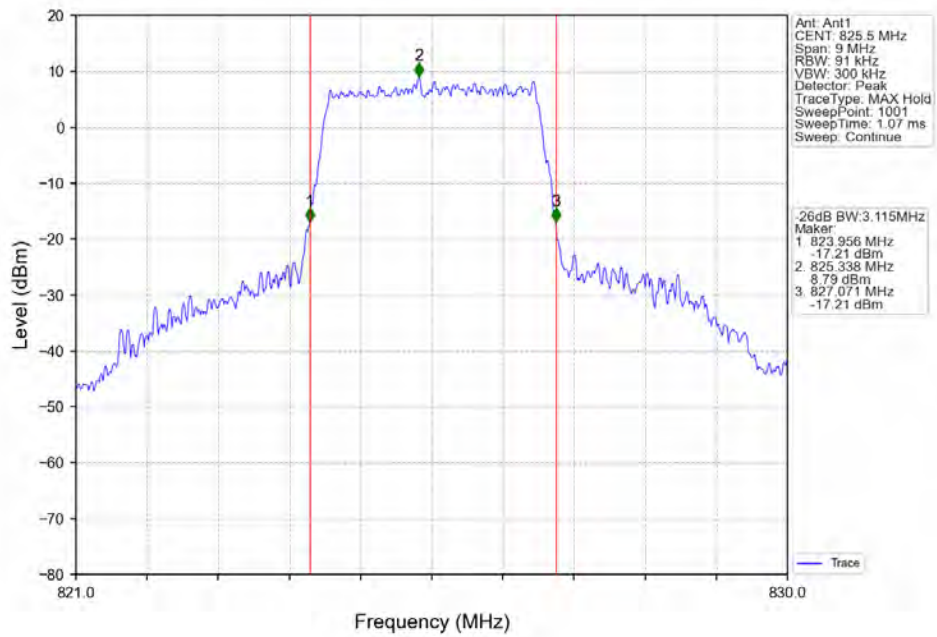
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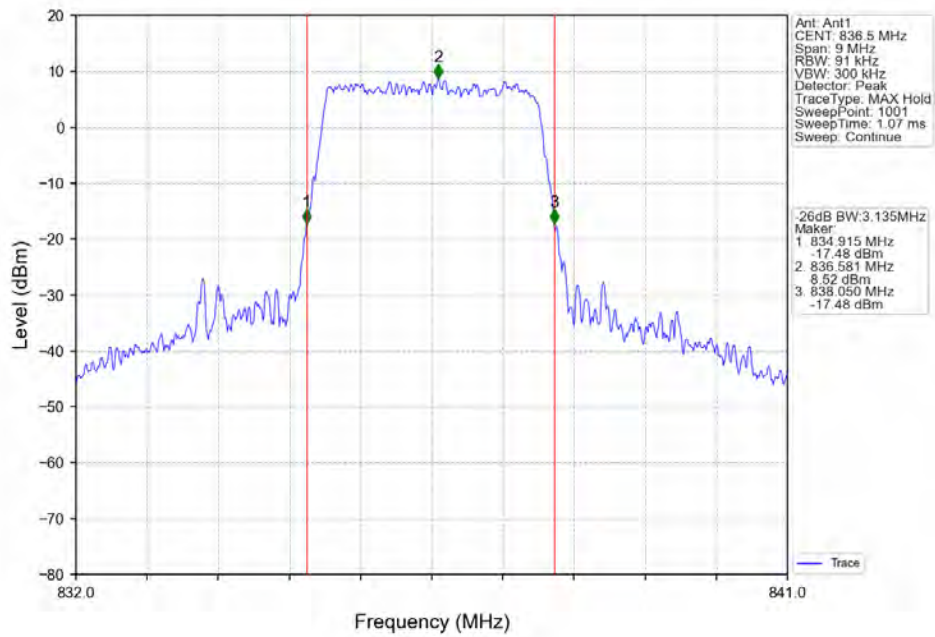
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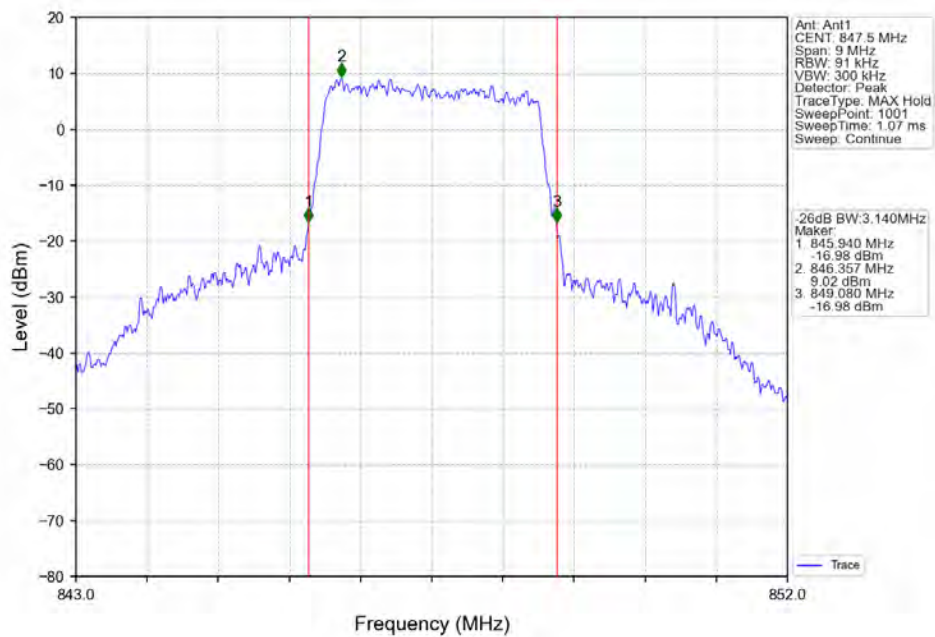
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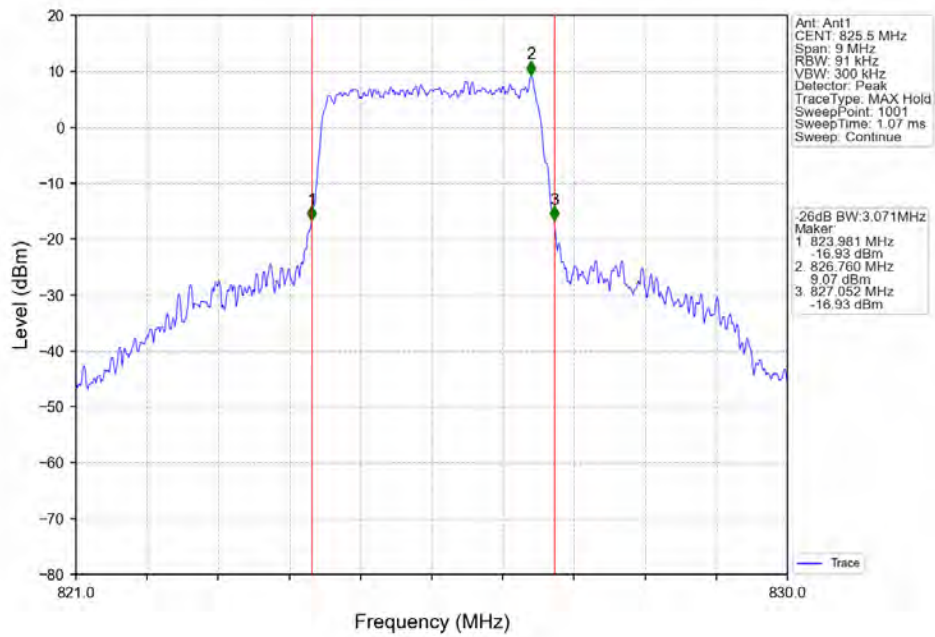
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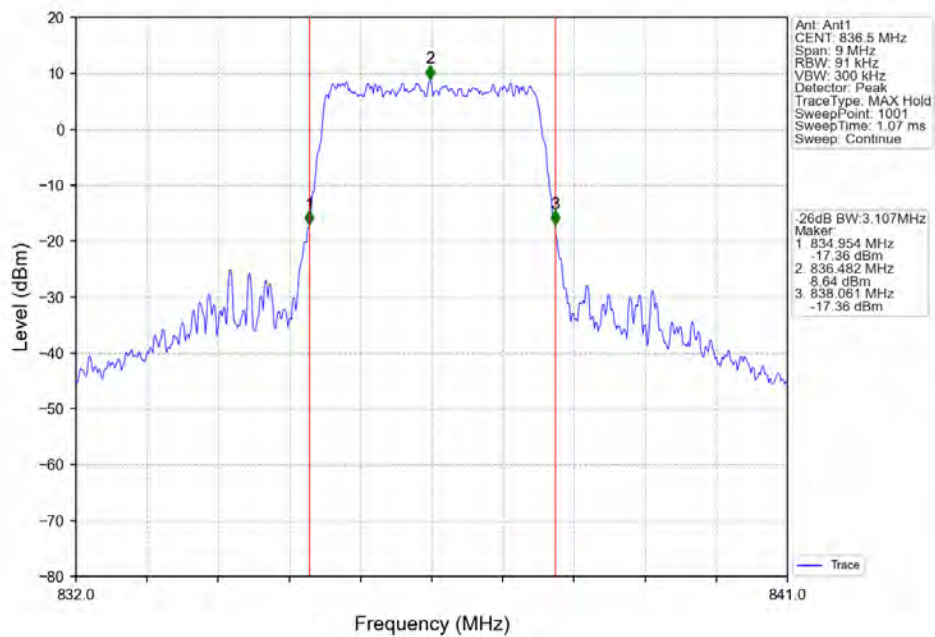
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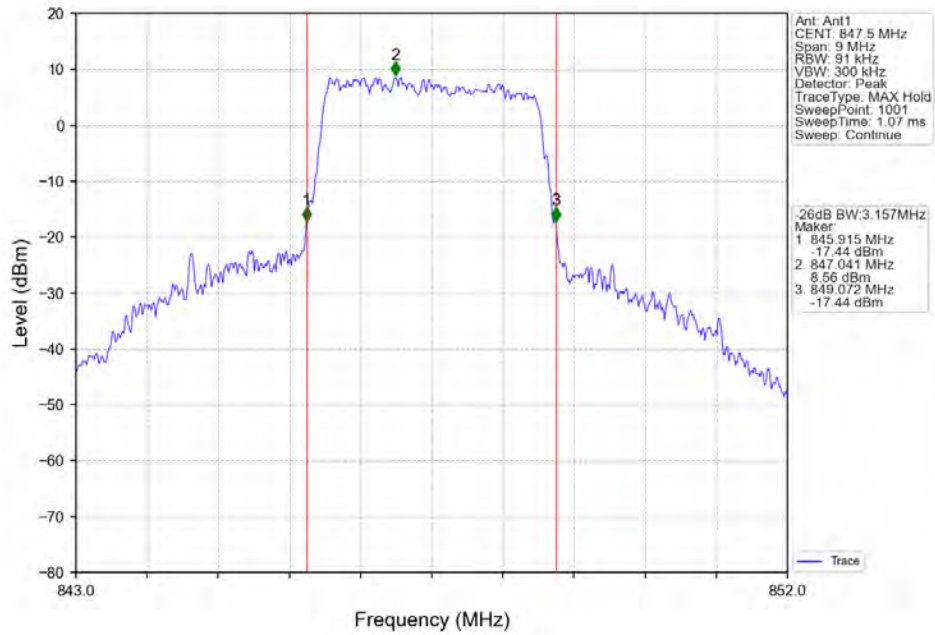
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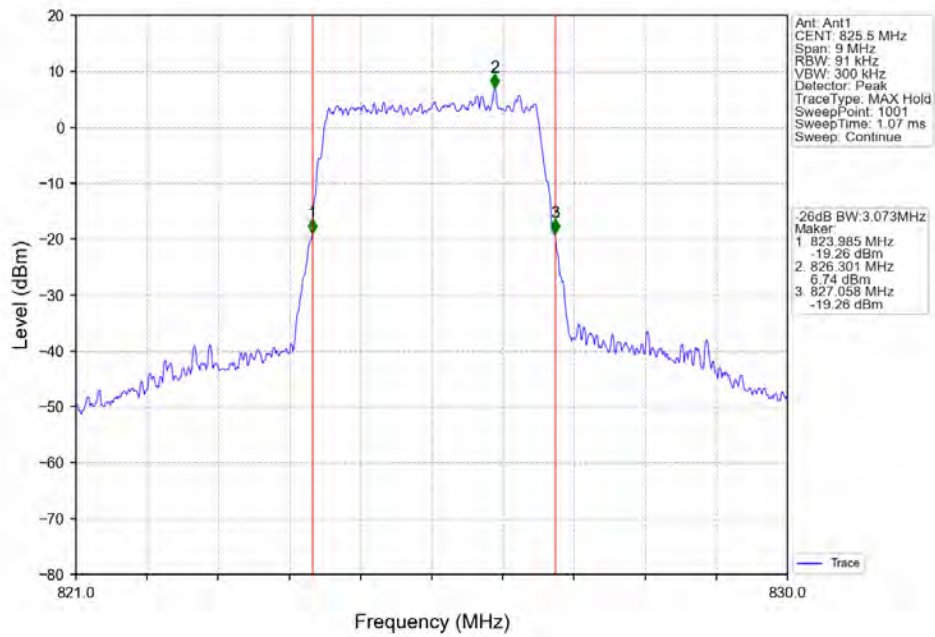
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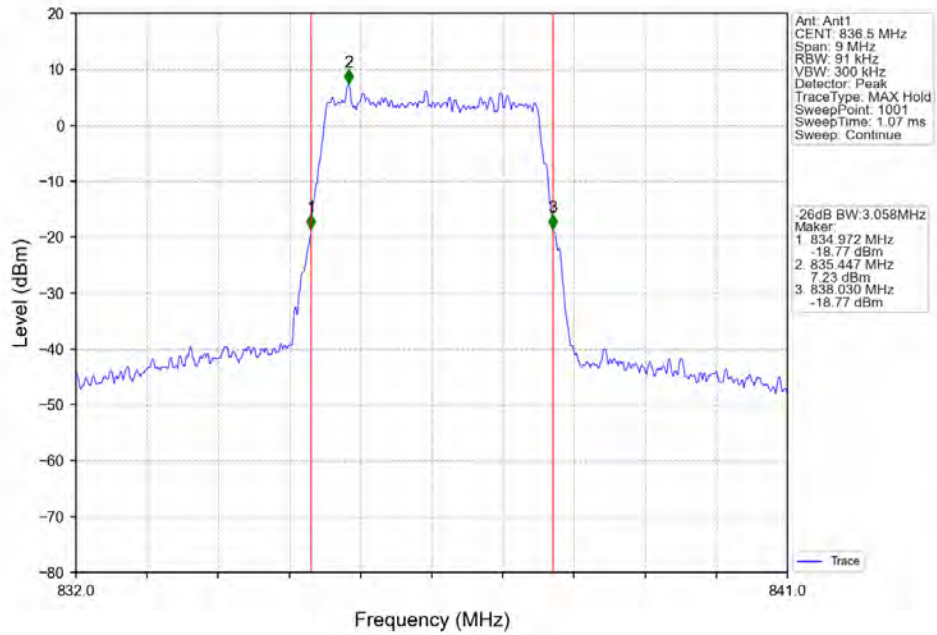
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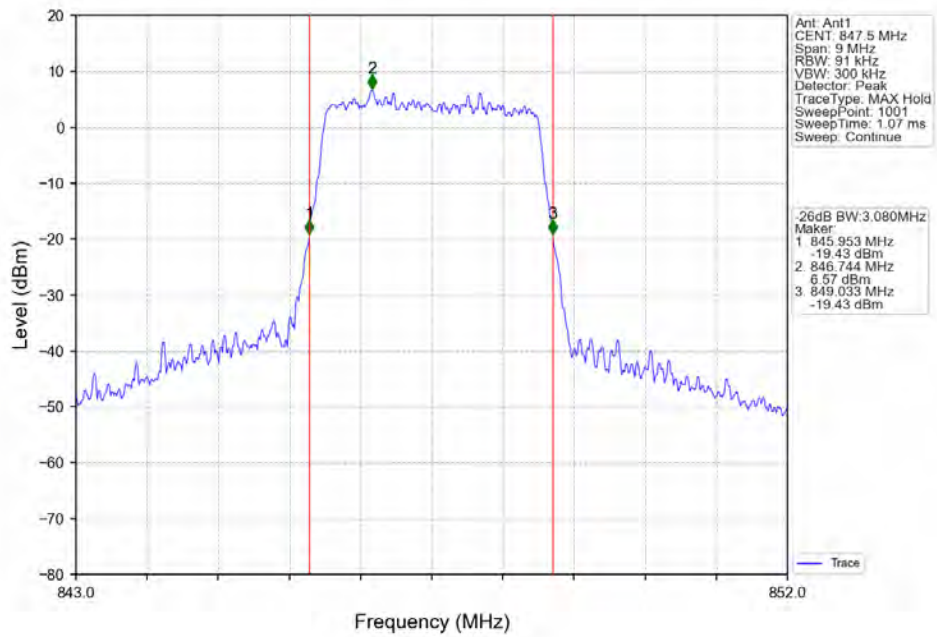
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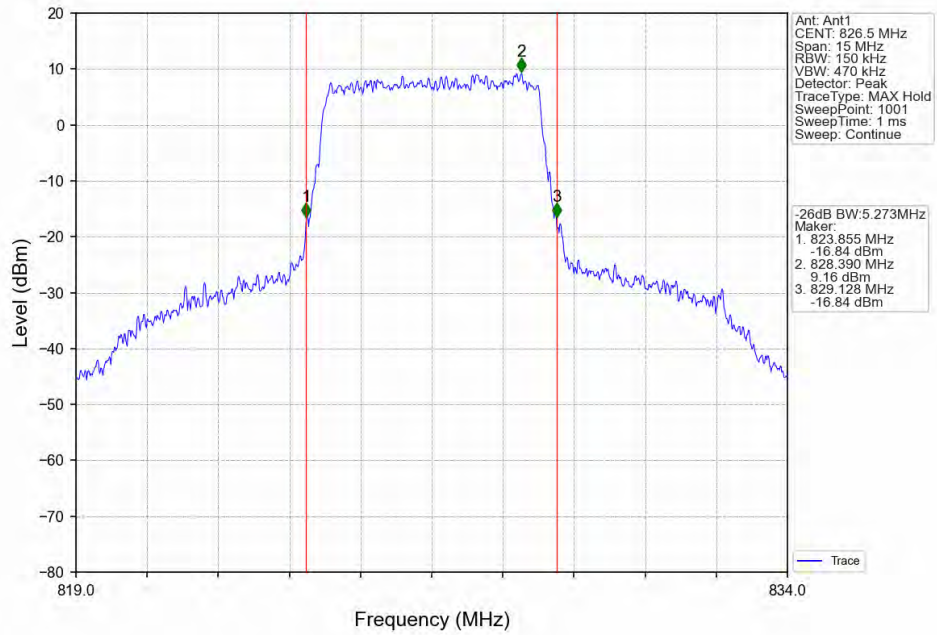
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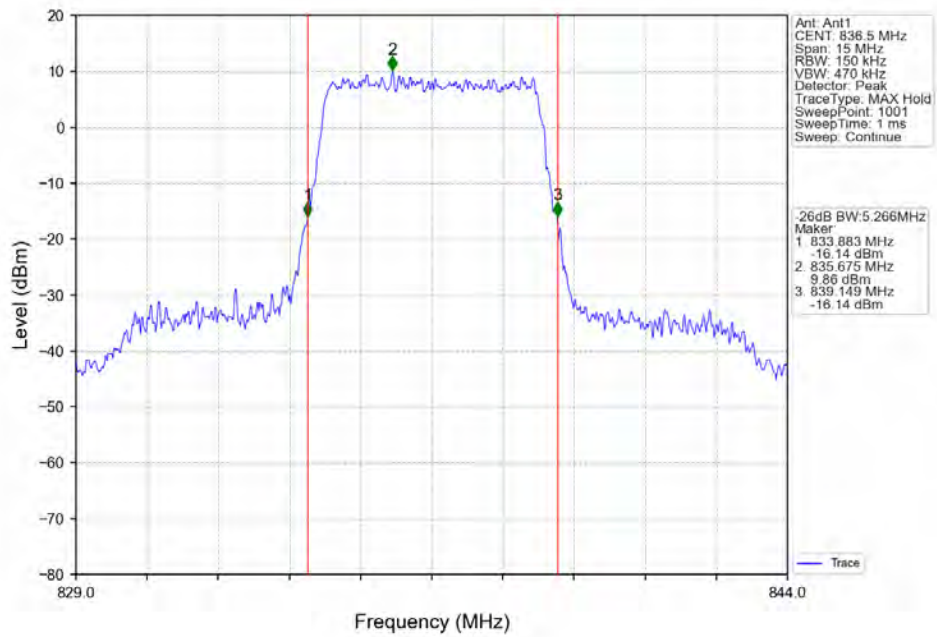
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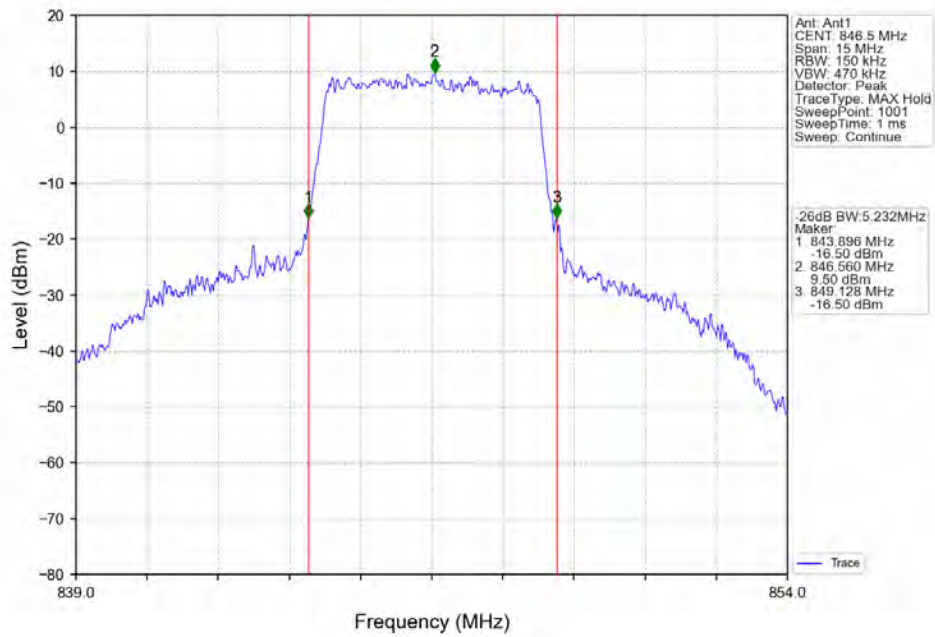
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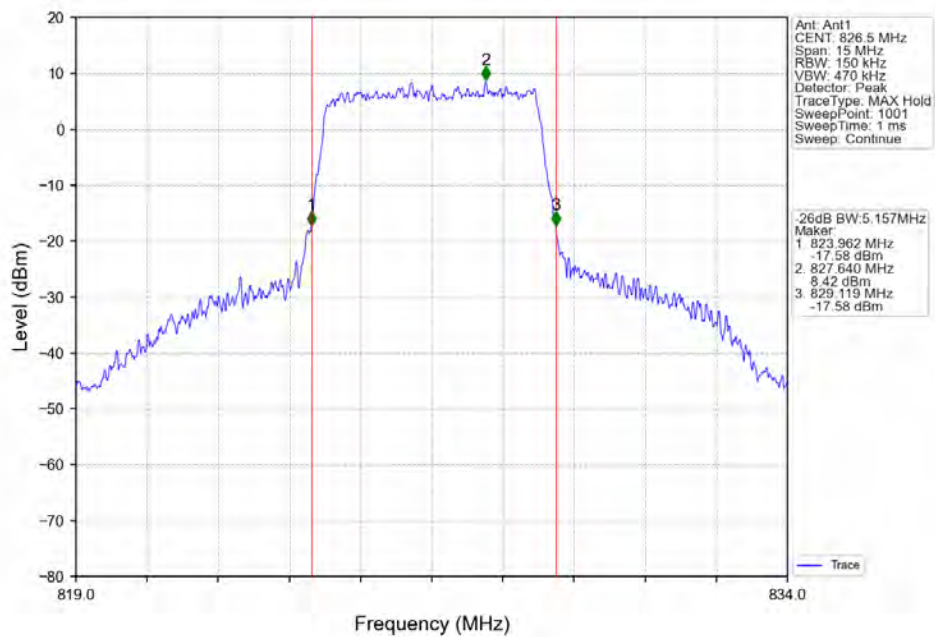
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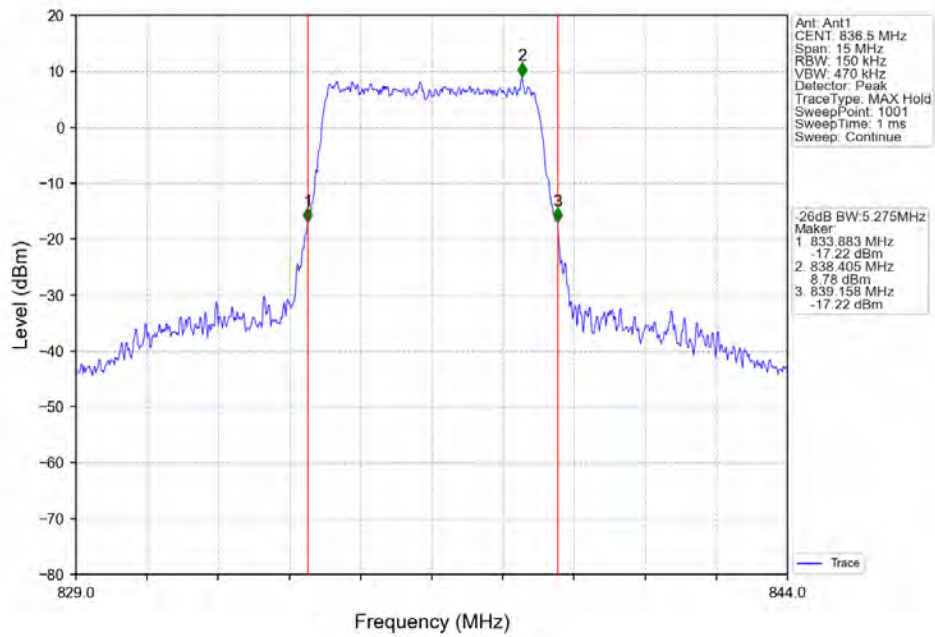
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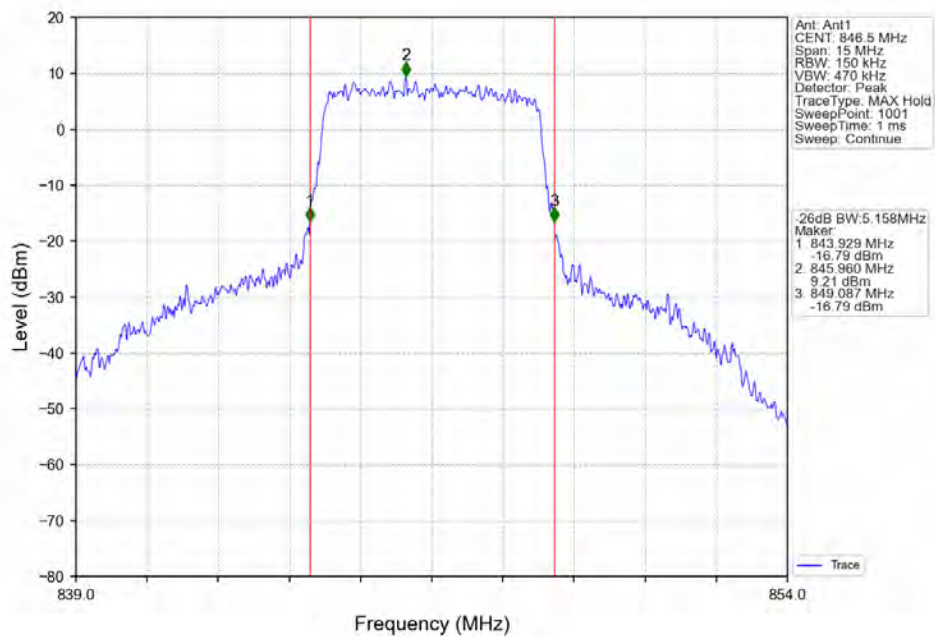
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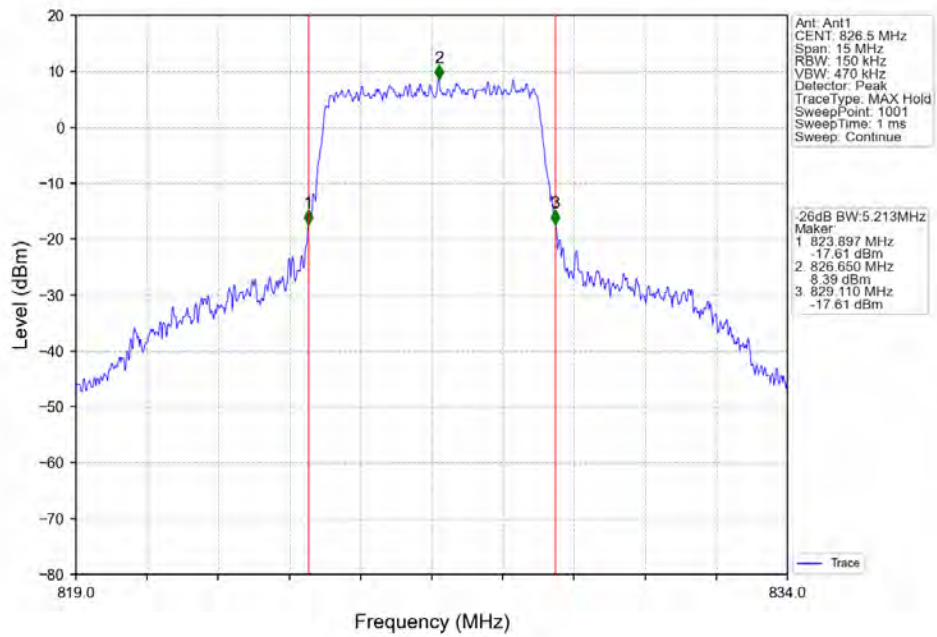
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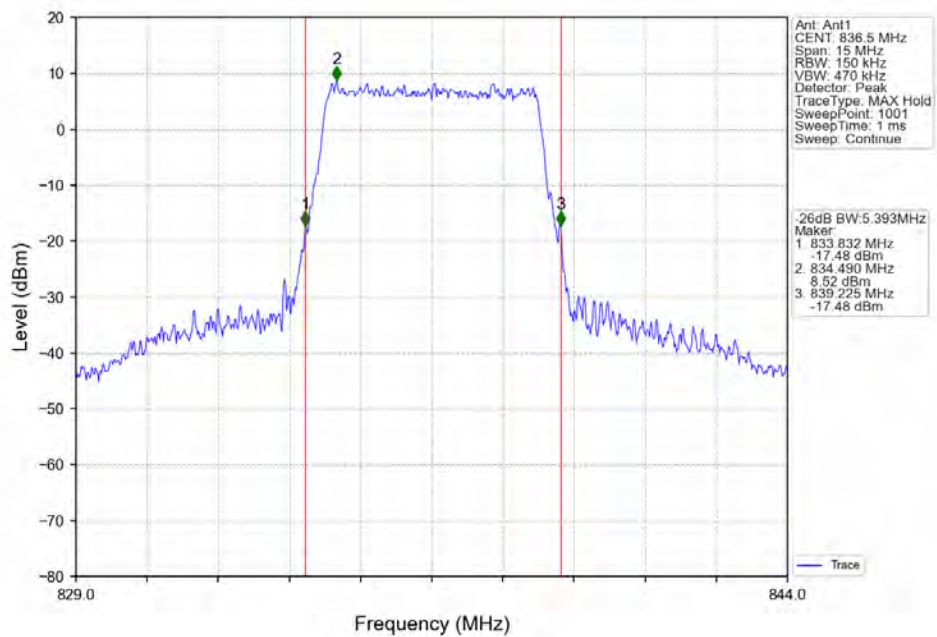
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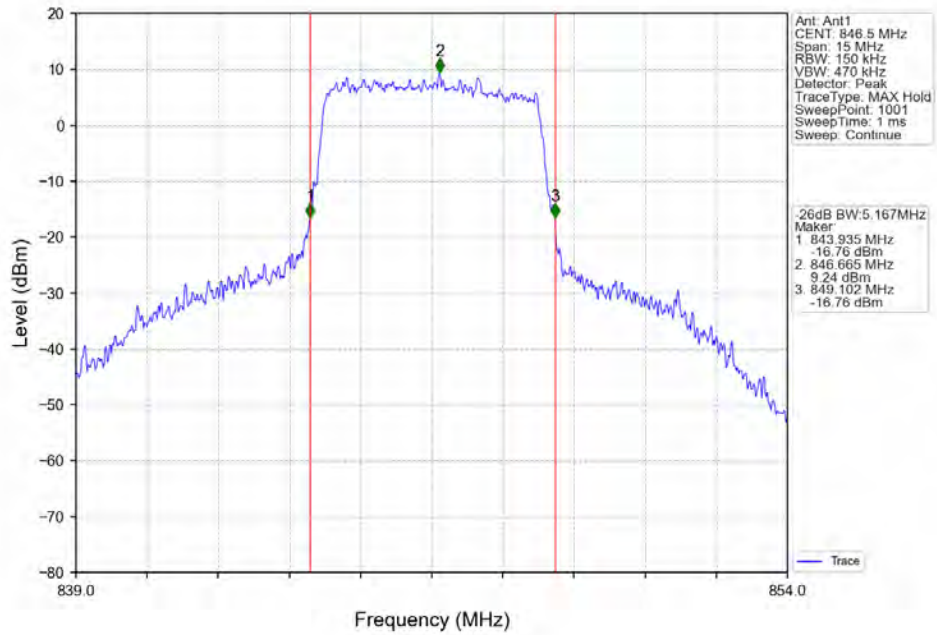
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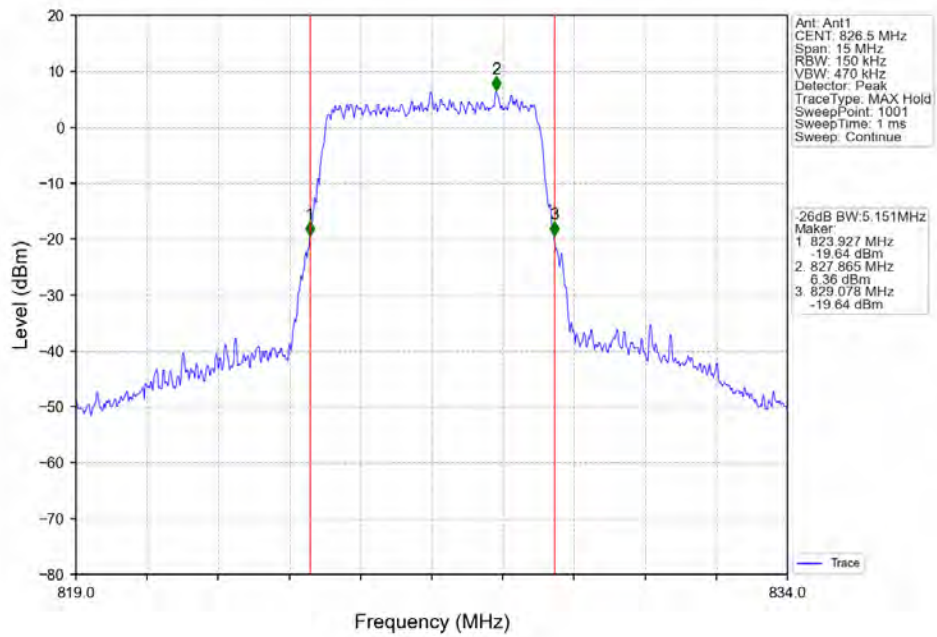
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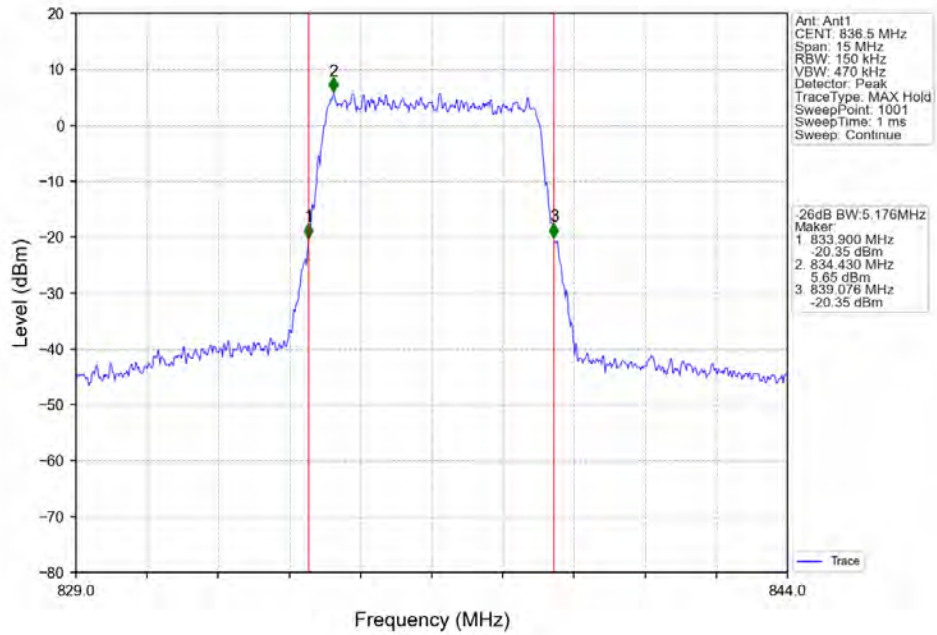
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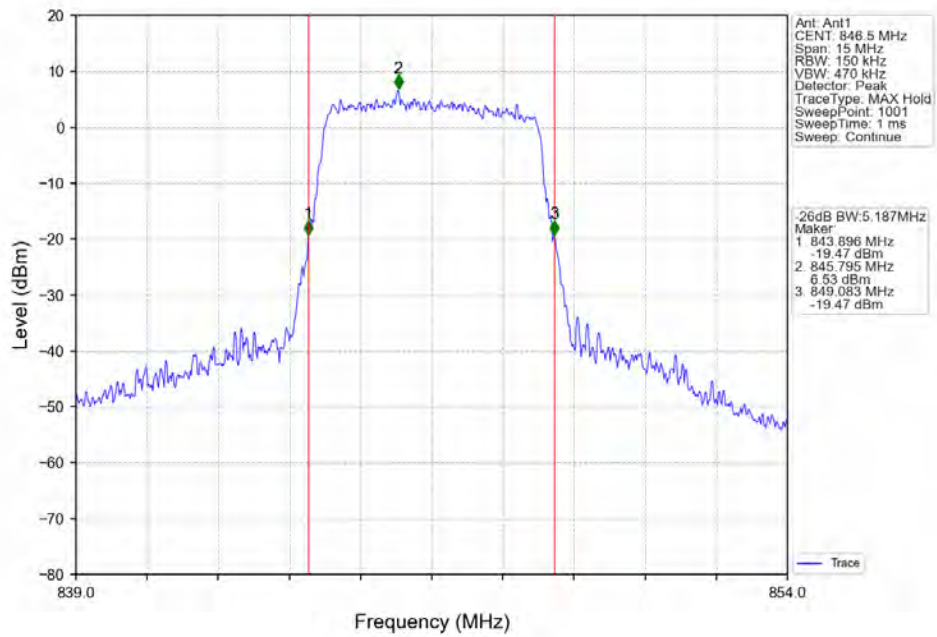
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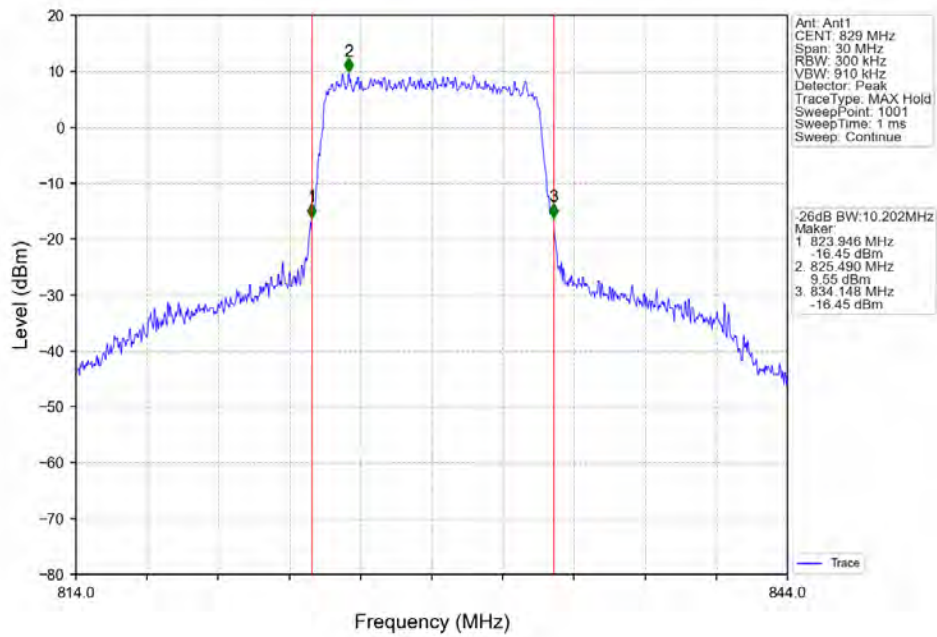
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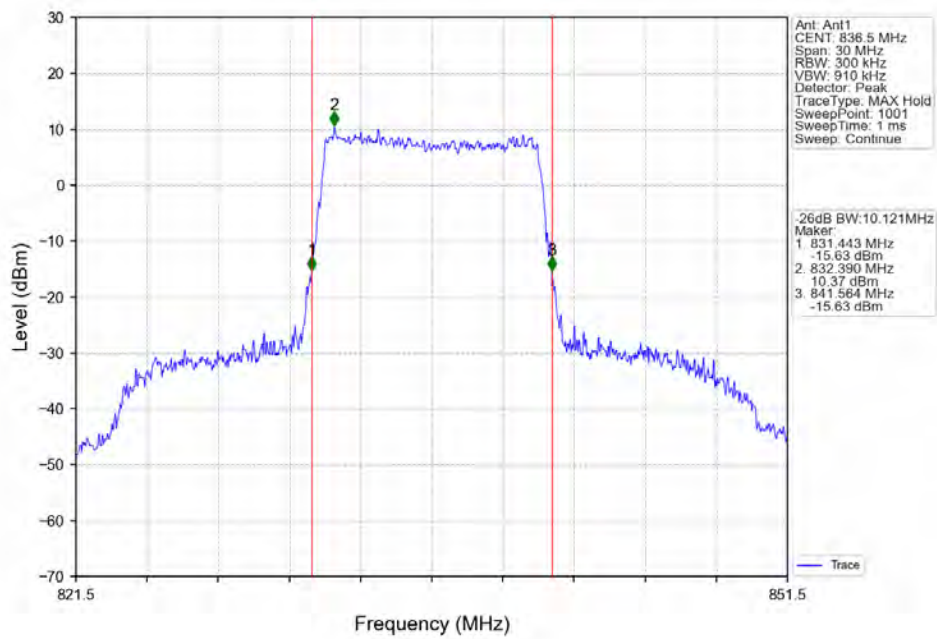
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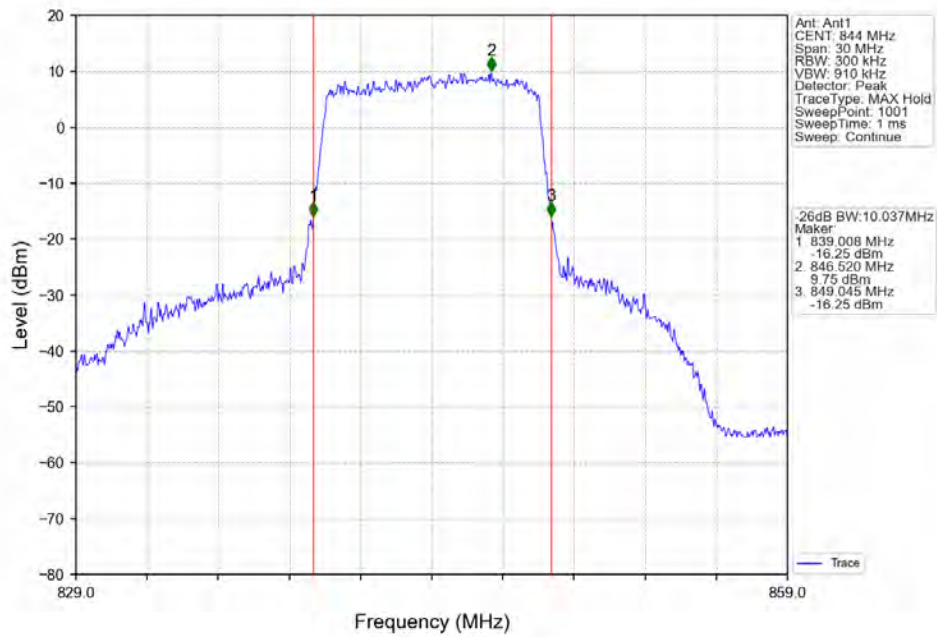
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTNV



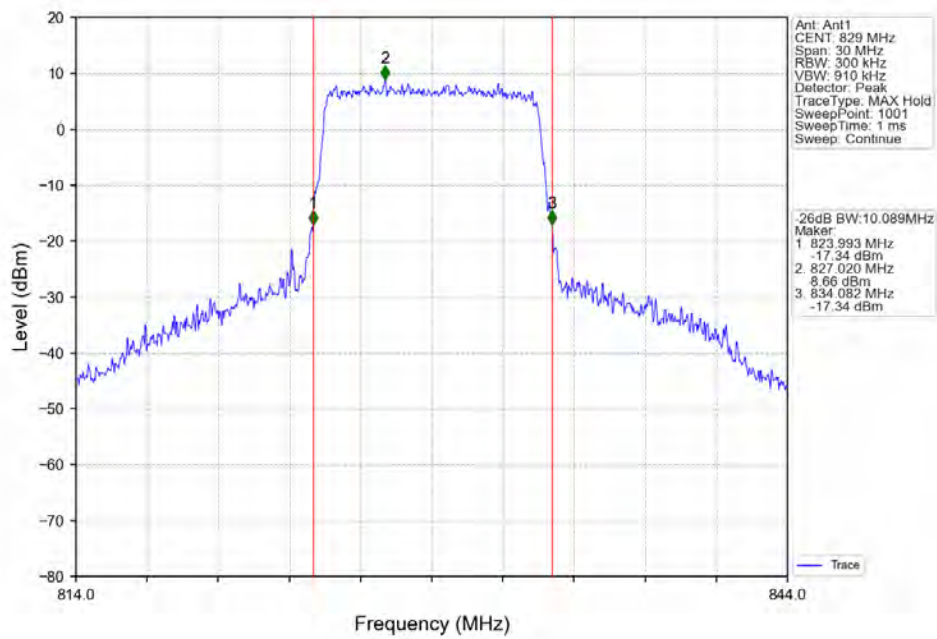
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTNV



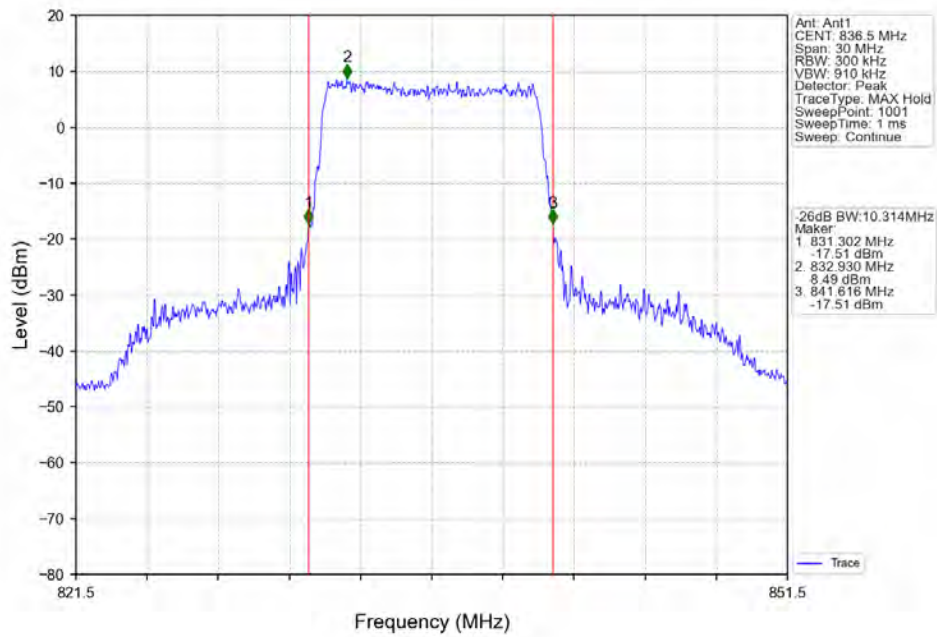
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTN



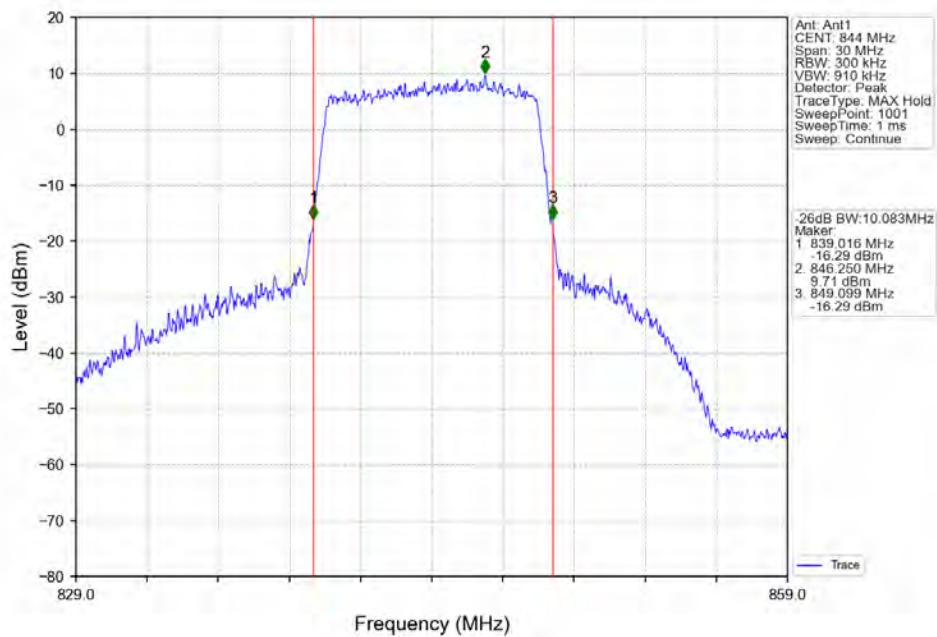
Band5 10MHz 16QAM LCH 829MHz RB 50 0 NTN



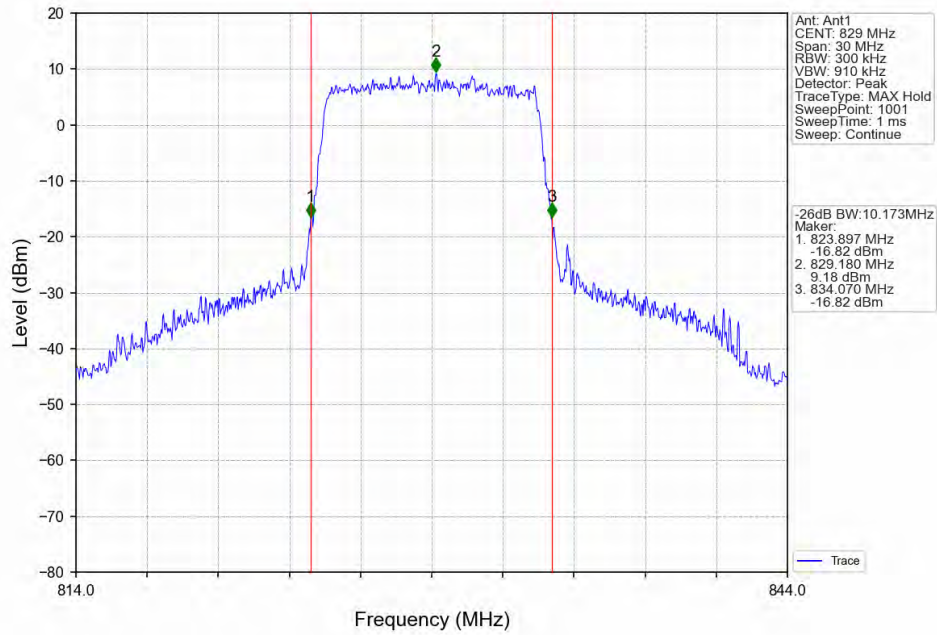
Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



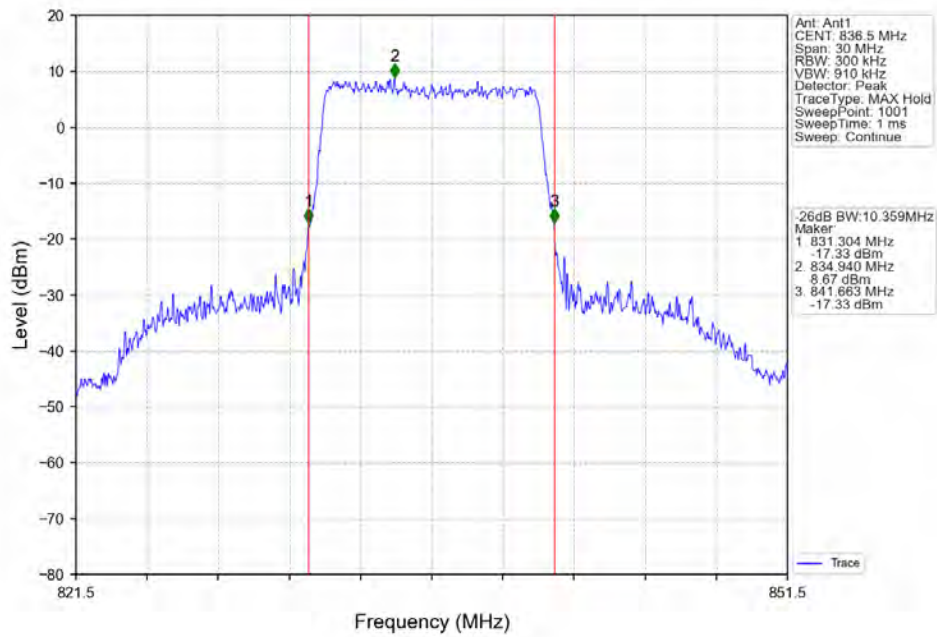
Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



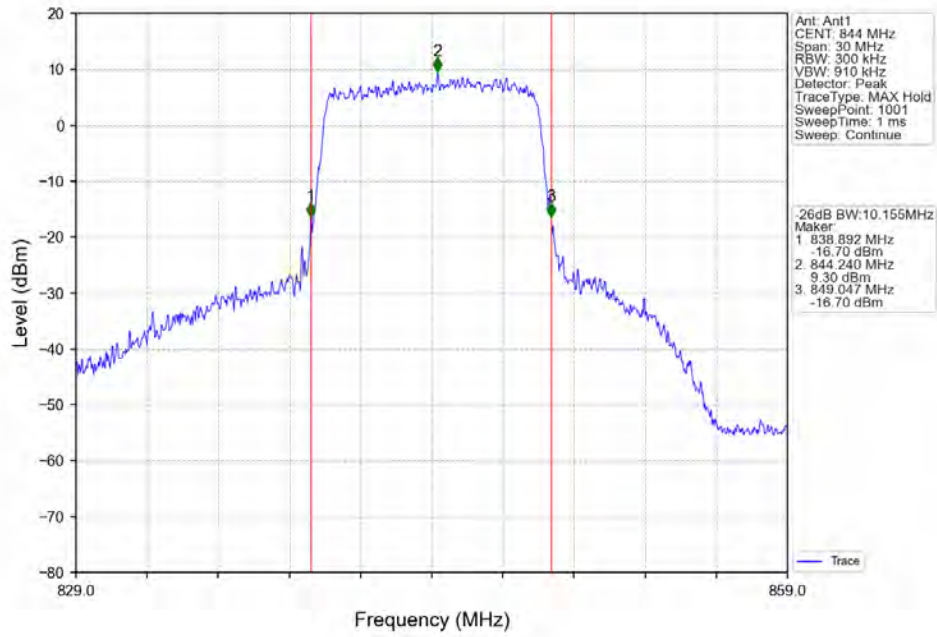
Band5 10MHz 64QAM LCH 829MHz RB 50 0 NTN



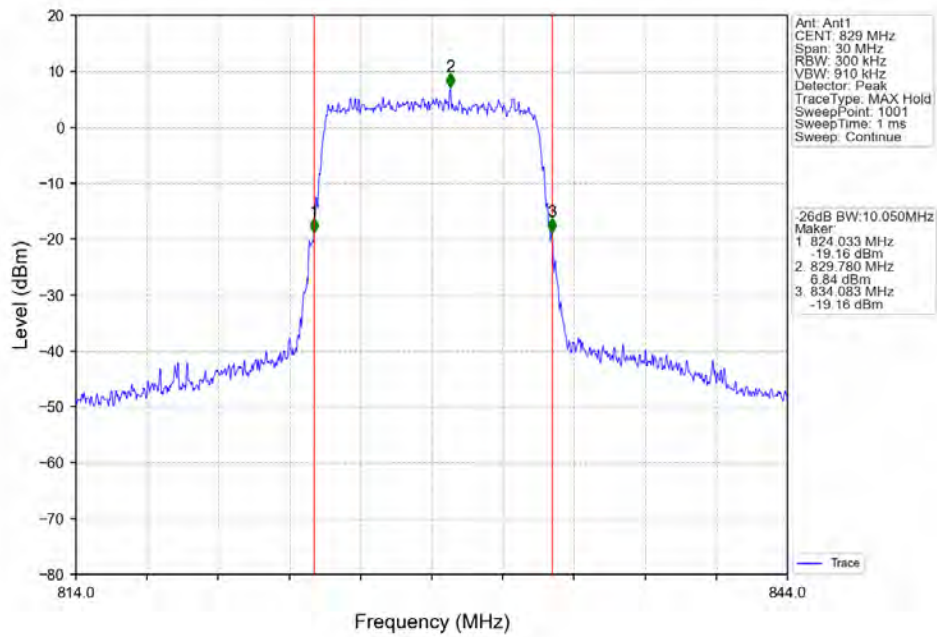
Band5 10MHz 64QAM MCH 836.5MHz RB 50 0 NTN



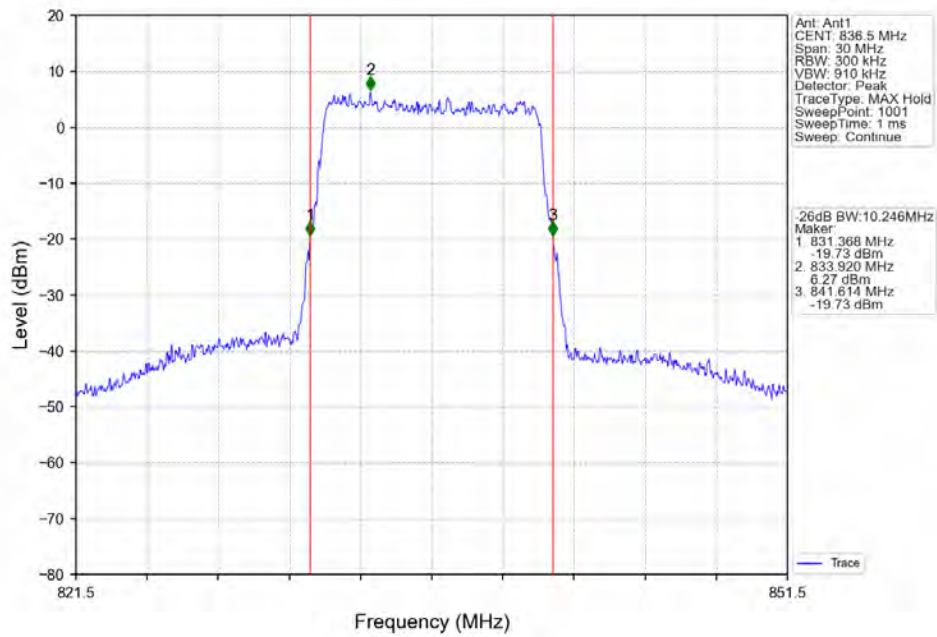
Band5 10MHz 64QAM HCH 844MHz RB 50 0 NTNV



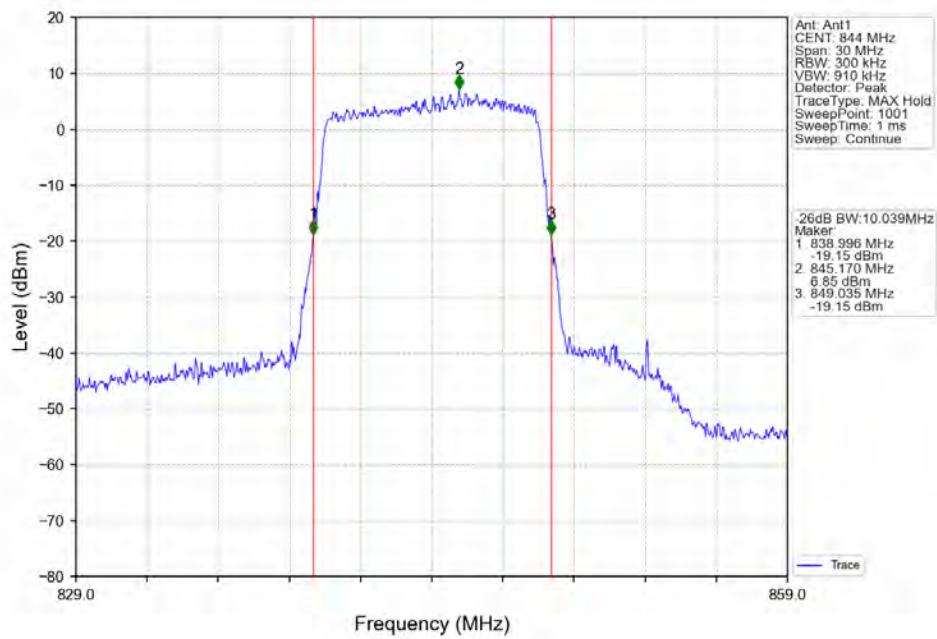
Band5 10MHz 256QAM LCH 829MHz RB 50 0 NTNV



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



Band5 10MHz 256QAM HCH 844MHz RB 50 0 NTN



4. Peak-Average Ratio

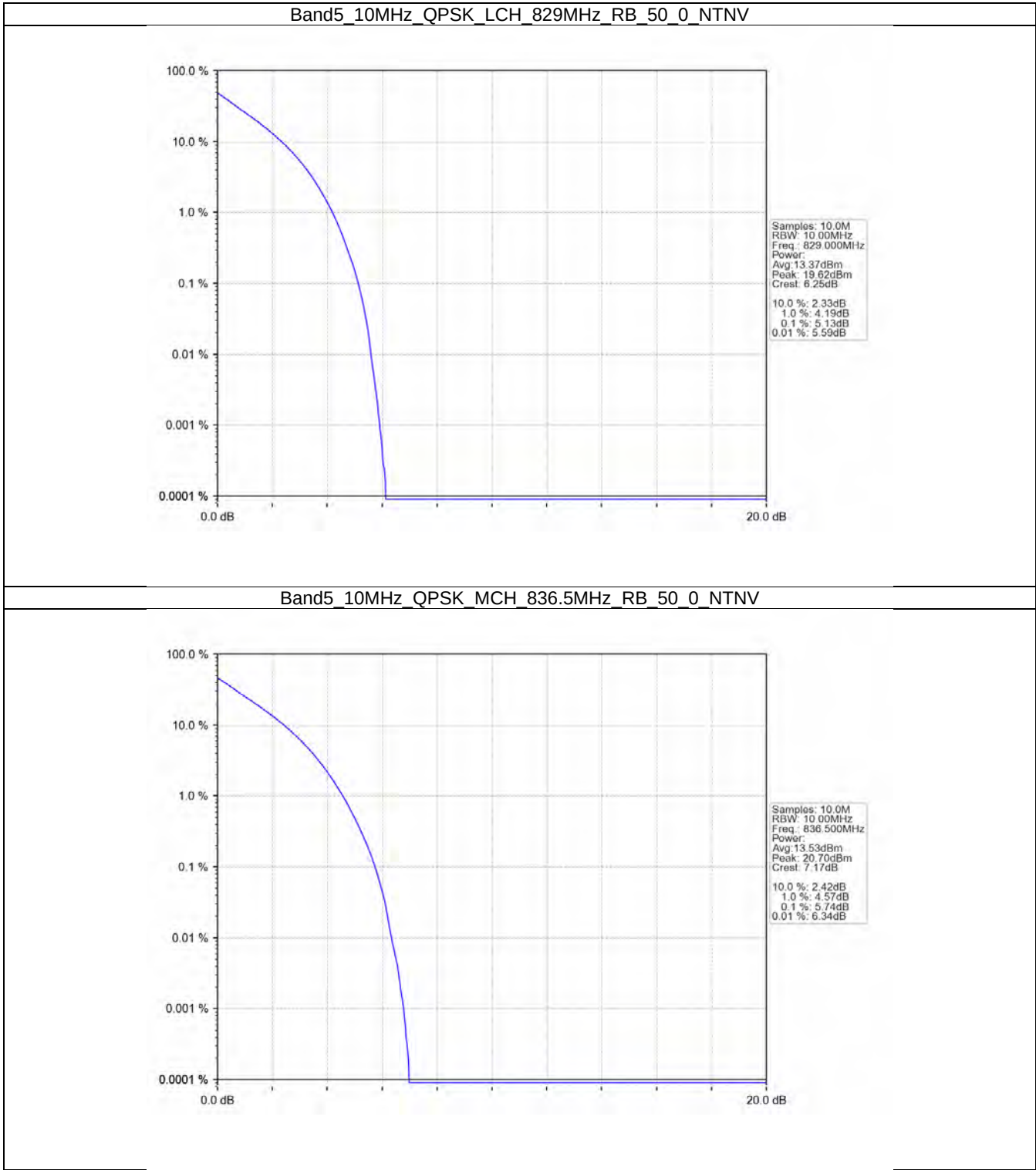
4.1 Test Result

4.1.1 B5_10MHz

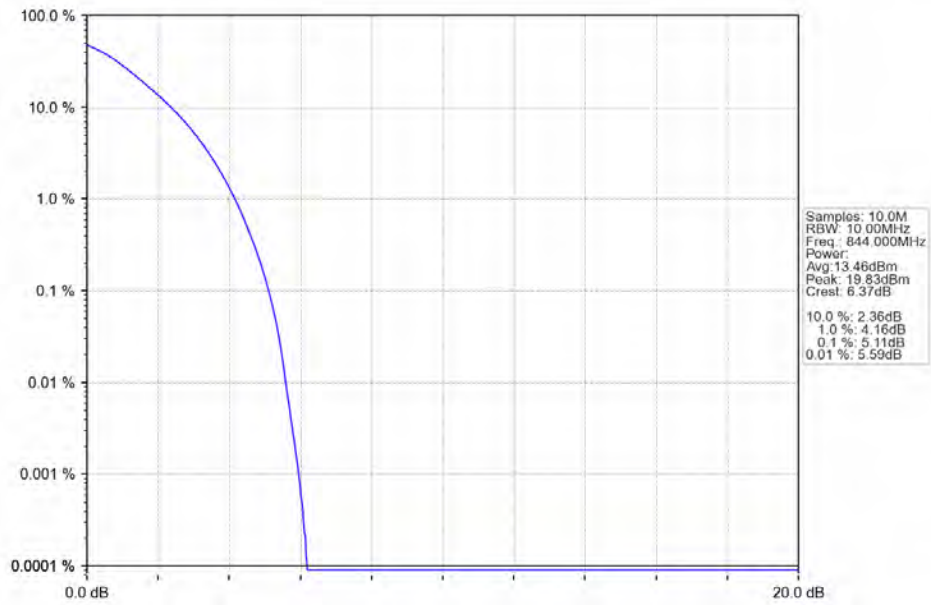
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.13	<=13	Pass
	836.5	50	0	5.74	<=13	Pass
	844	50	0	5.11	<=13	Pass
16QAM	829	50	0	5.83	<=13	Pass
	836.5	50	0	6.31	<=13	Pass
	844	50	0	5.80	<=13	Pass
64QAM	829	50	0	5.83	<=13	Pass
	836.5	50	0	6.30	<=13	Pass
	844	50	0	5.78	<=13	Pass
256QAM	829	50	0	6.46	<=13	Pass
	836.5	50	0	6.72	<=13	Pass
	844	50	0	6.46	<=13	Pass

4.2 Test Graph

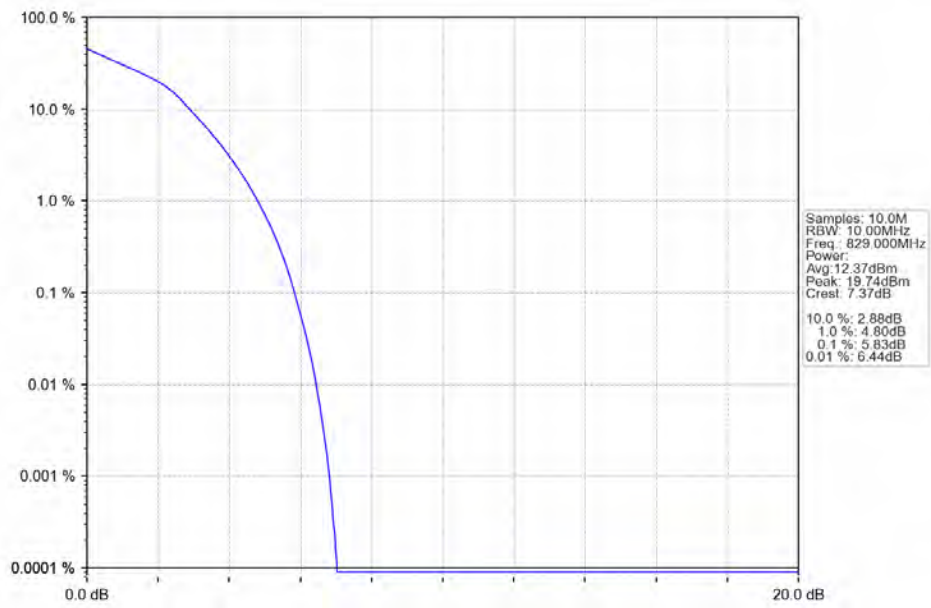
4.2.1 B5_10MHz



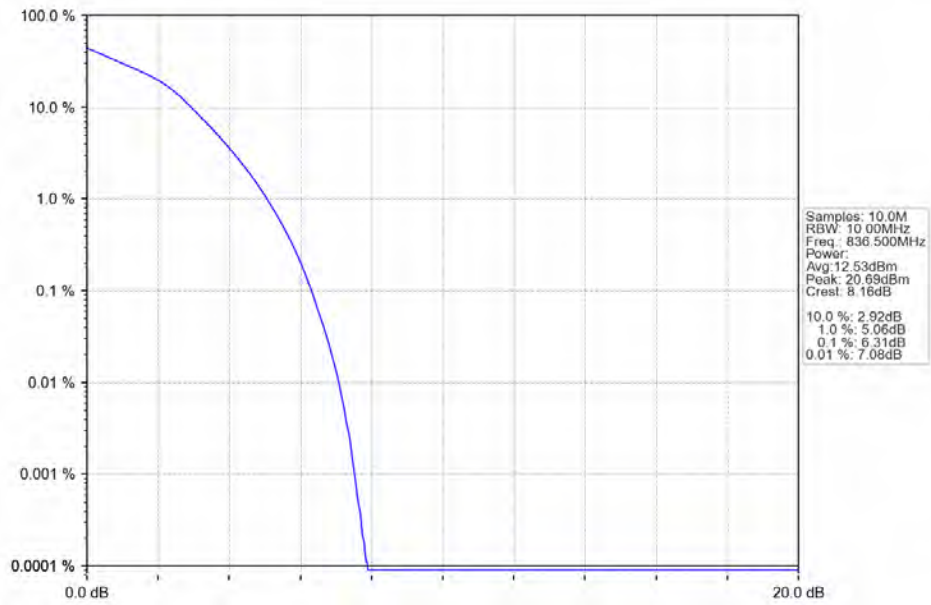
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTNV



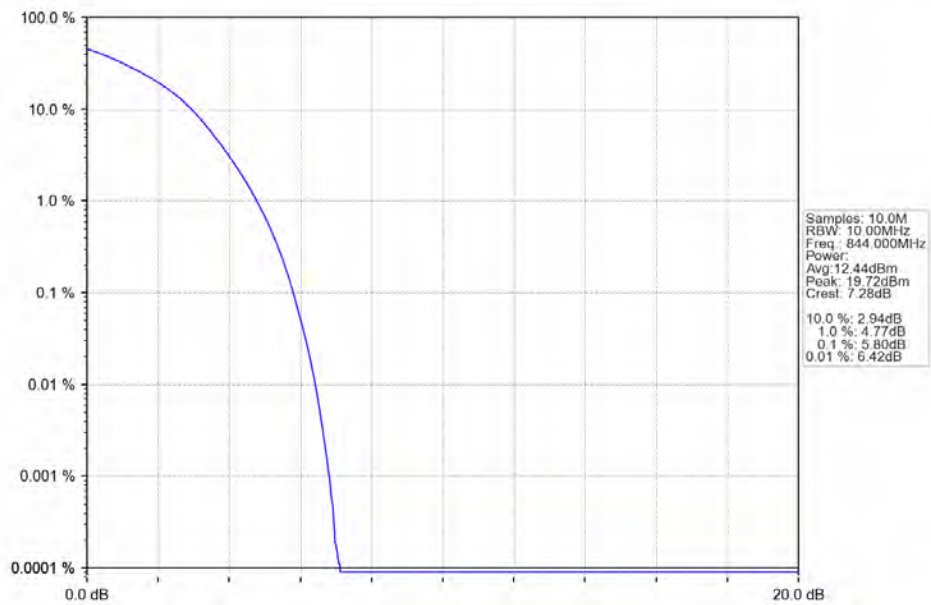
Band5 10MHz 16QAM LCH 829MHz RB 50 0 NTNV



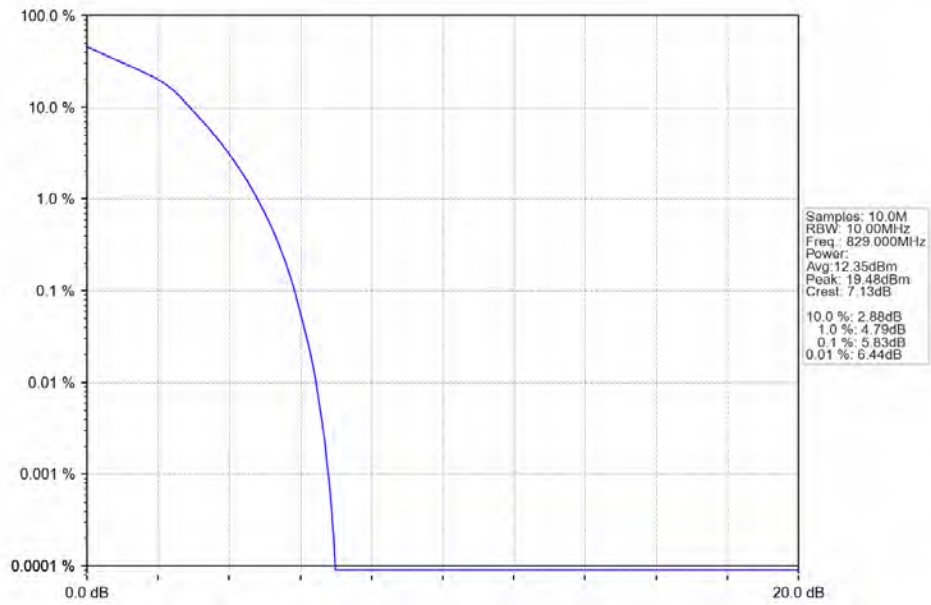
Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



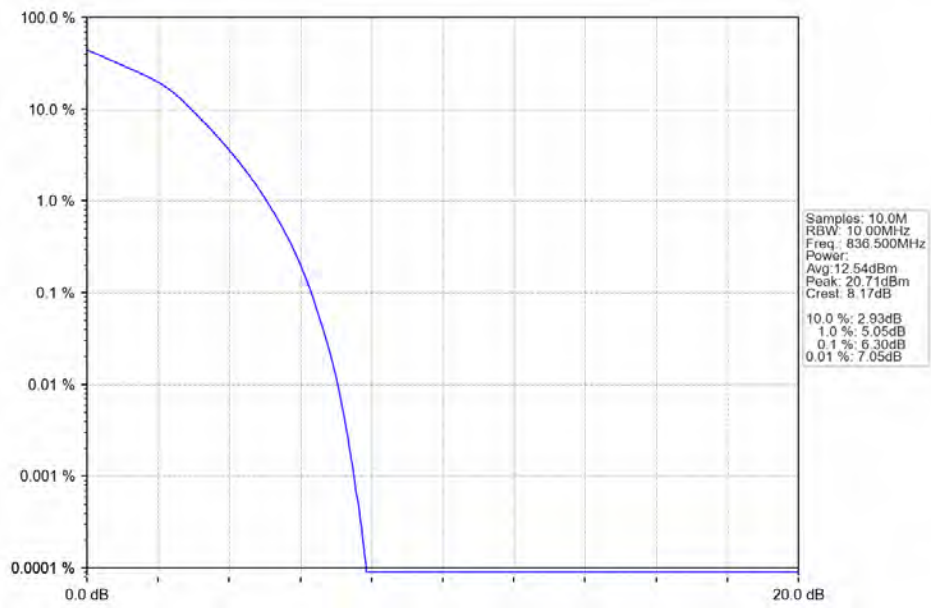
Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



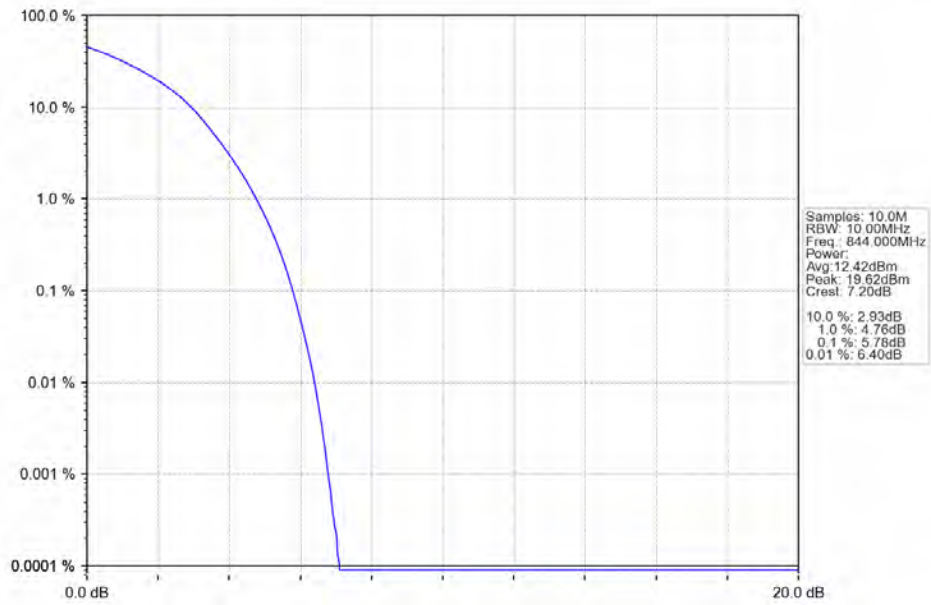
Band5 10MHz 64QAM LCH 829MHz RB 50 0 NTNV



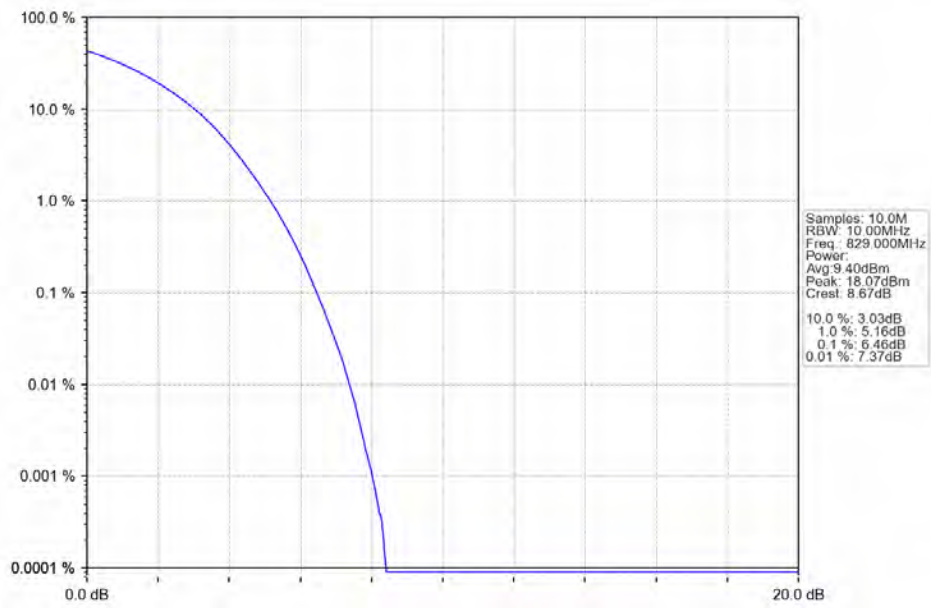
Band5 10MHz 64QAM MCH 836.5MHz RB 50 0 NTNV



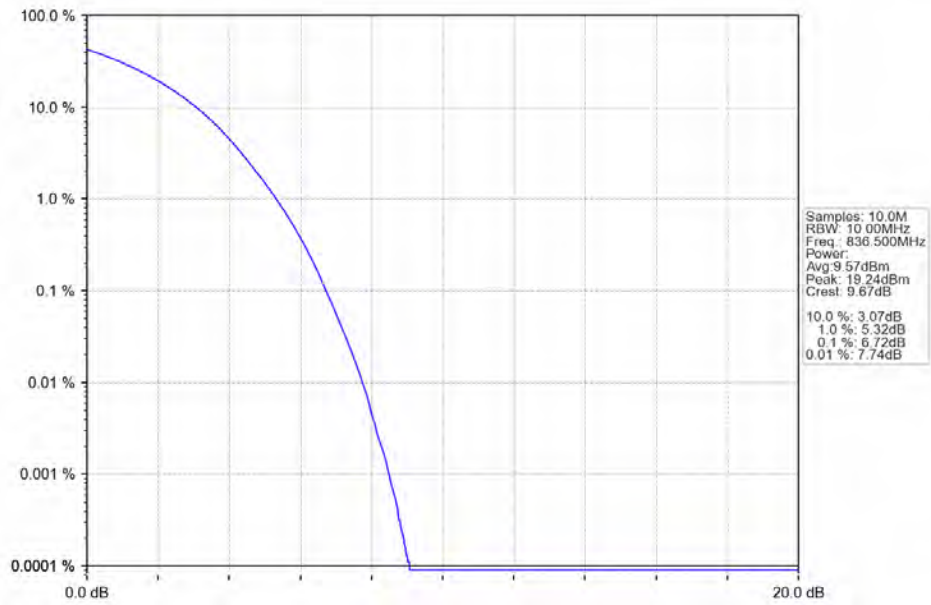
Band5 10MHz 64QAM HCH 844MHz RB 50 0 NTN



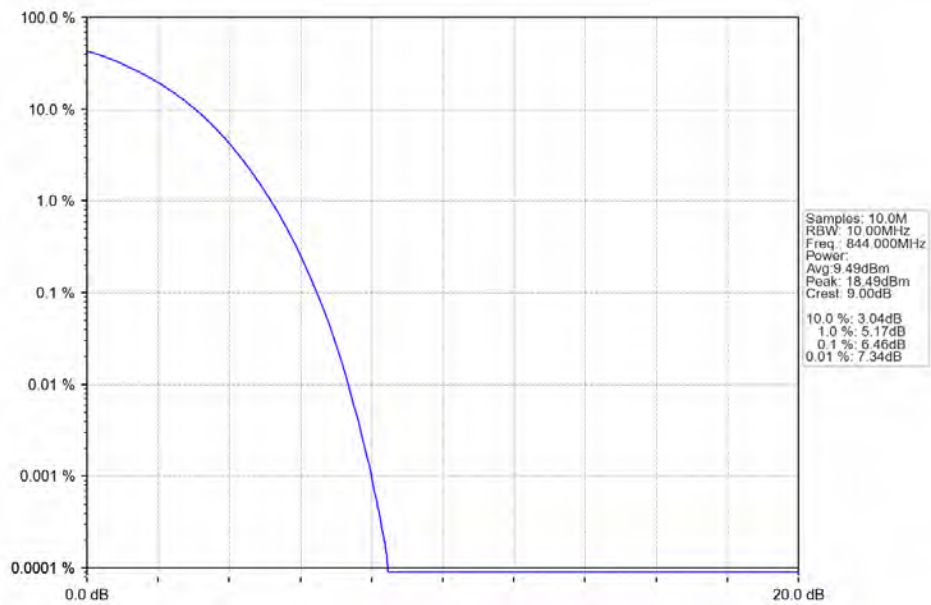
Band5 10MHz 256QAM LCH 829MHz RB 50 0 NTN



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



Band5 10MHz 256QAM HCH 844MHz RB 50 0 NTNV



5. Spurious Emission & Band Edges

5.1 Test Result

5.1.1 B5_1.4MHz

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 B5_3MHz

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

5.1.3 B5_5MHz

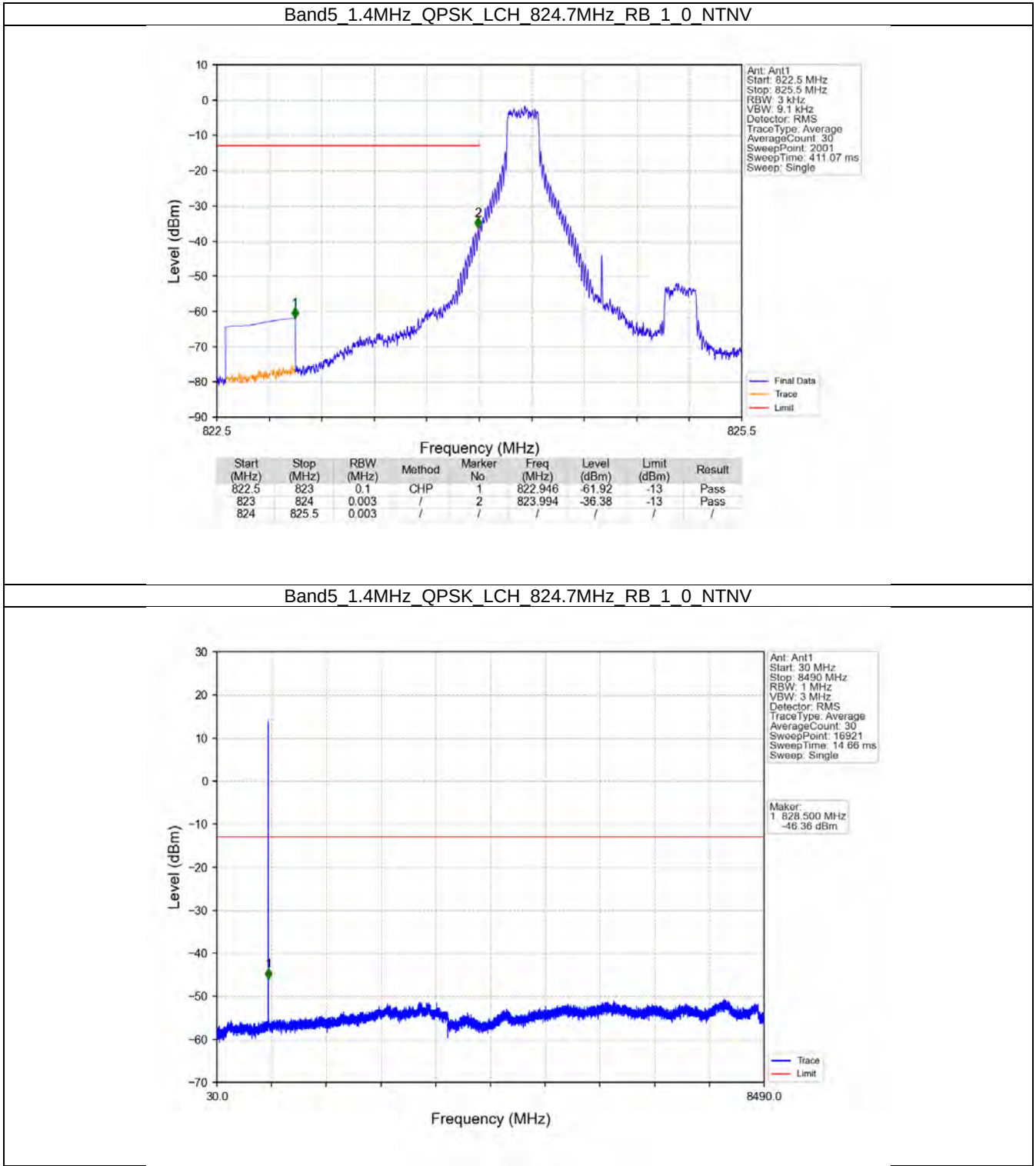
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.4 B5_10MHz

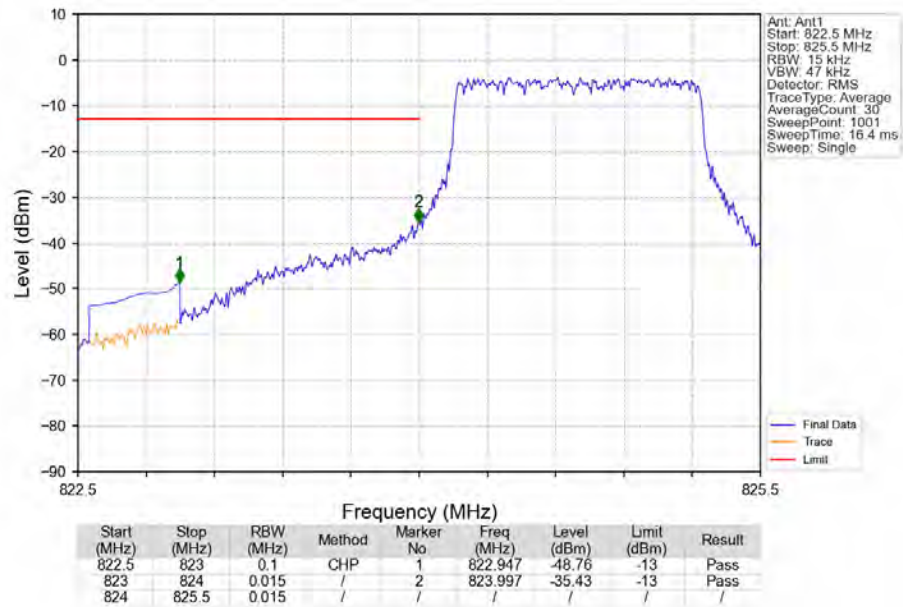
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

5.2 Test Graph

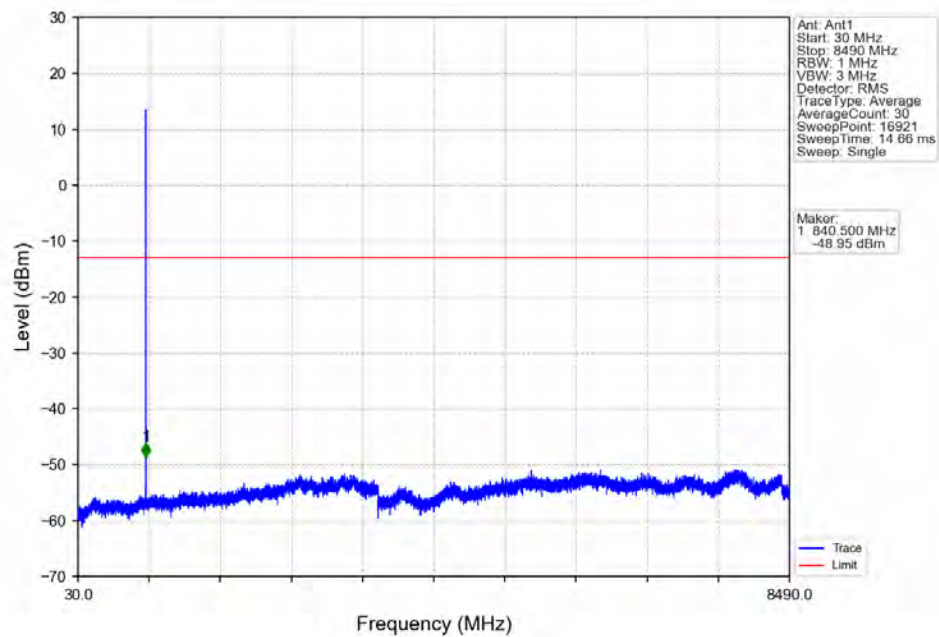
5.2.1 B5_1.4MHz



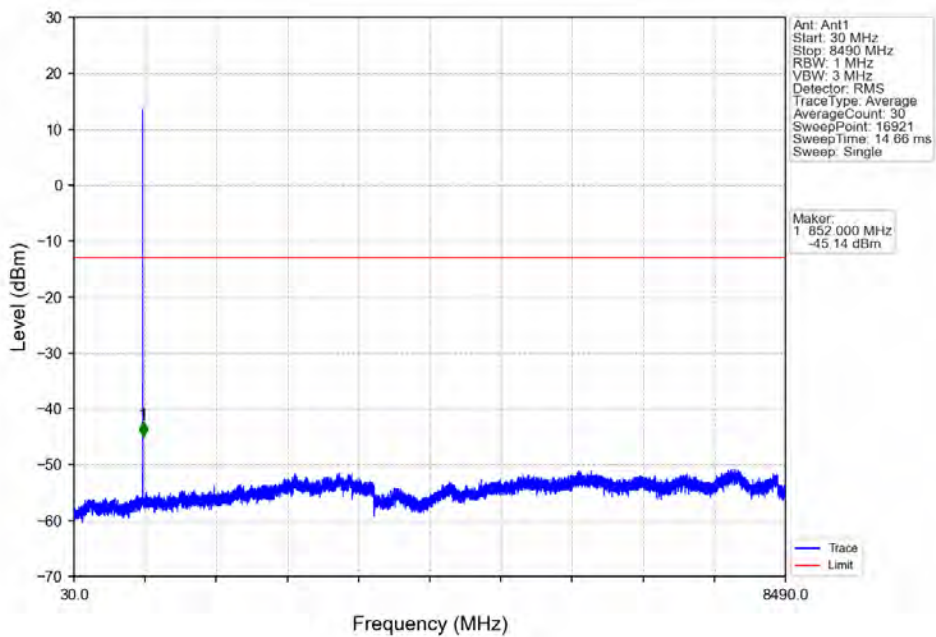
Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV



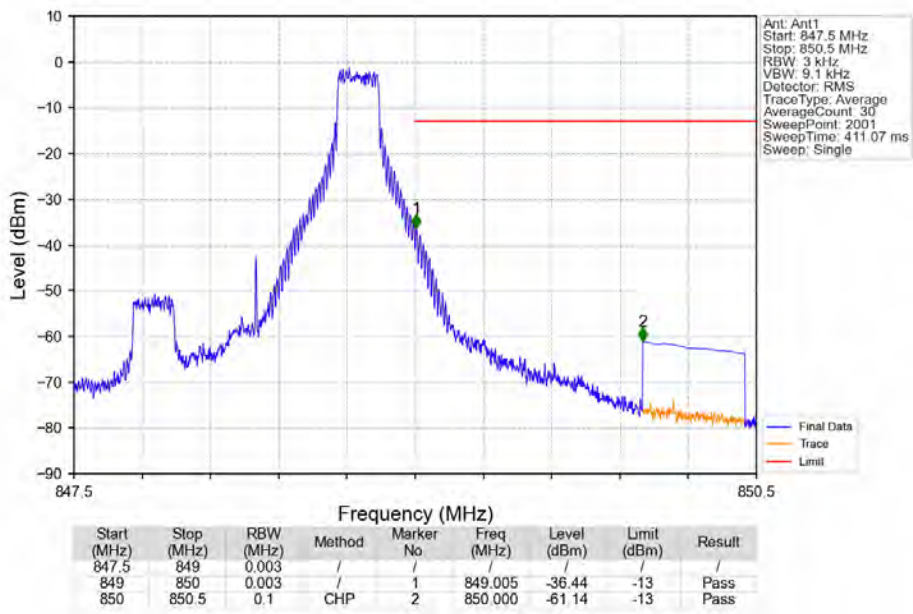
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV

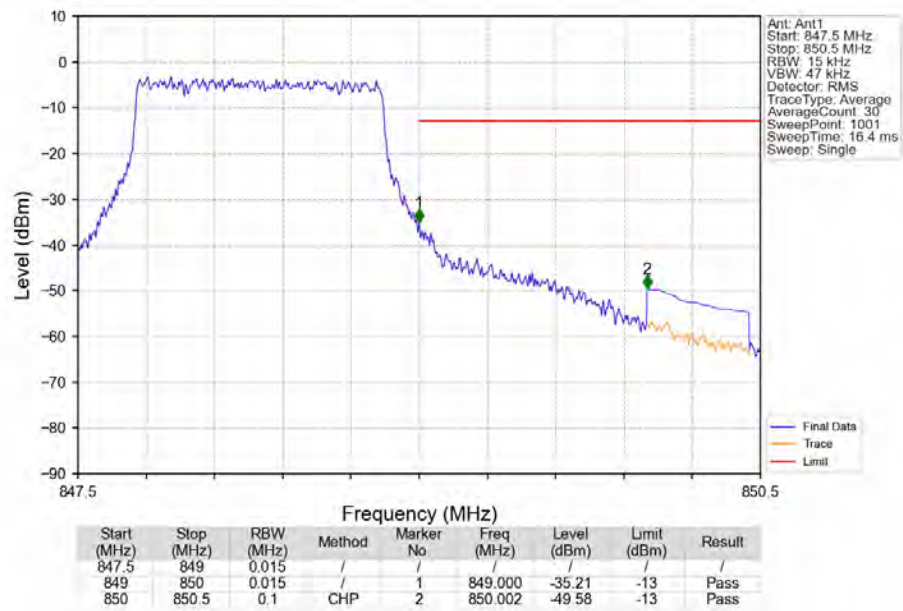


Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV

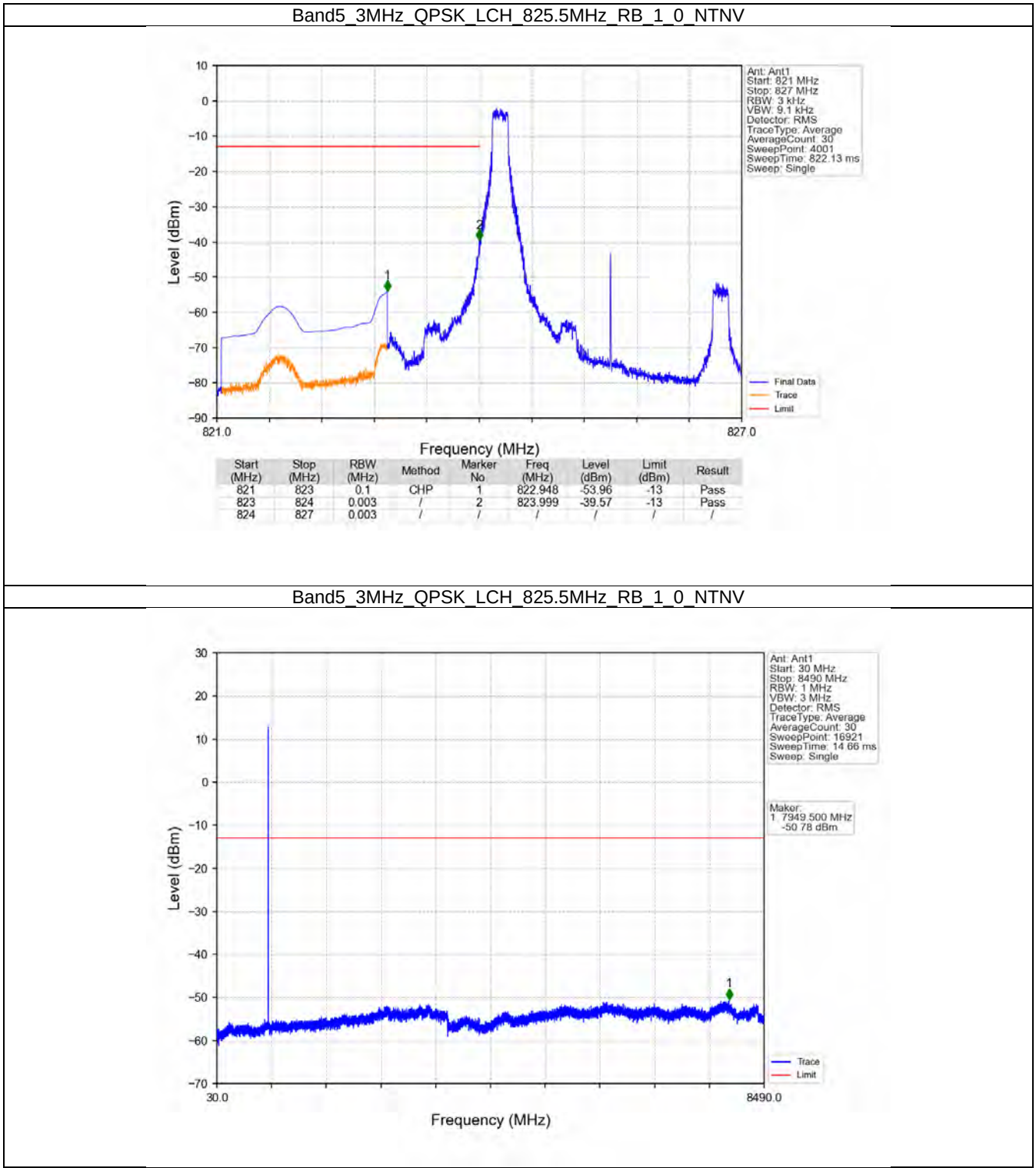


Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTNV

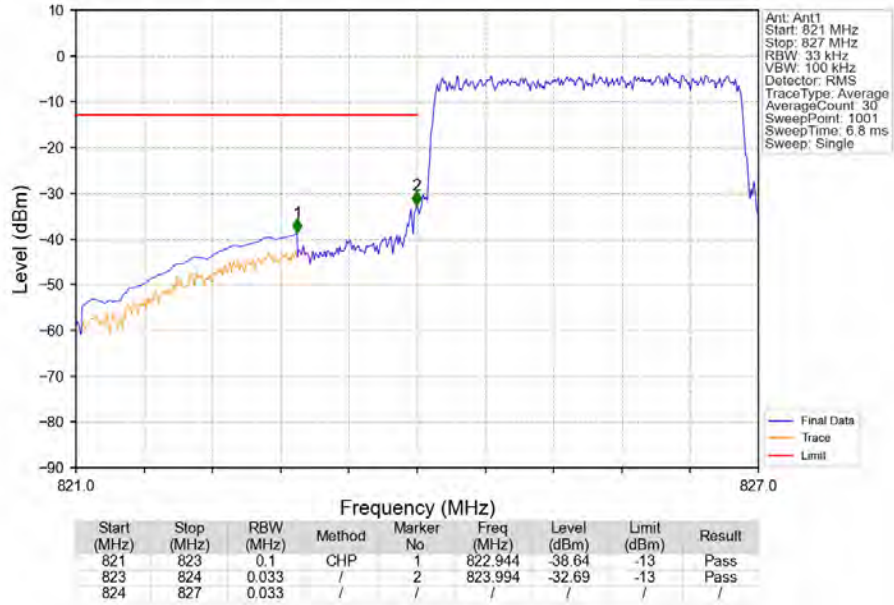




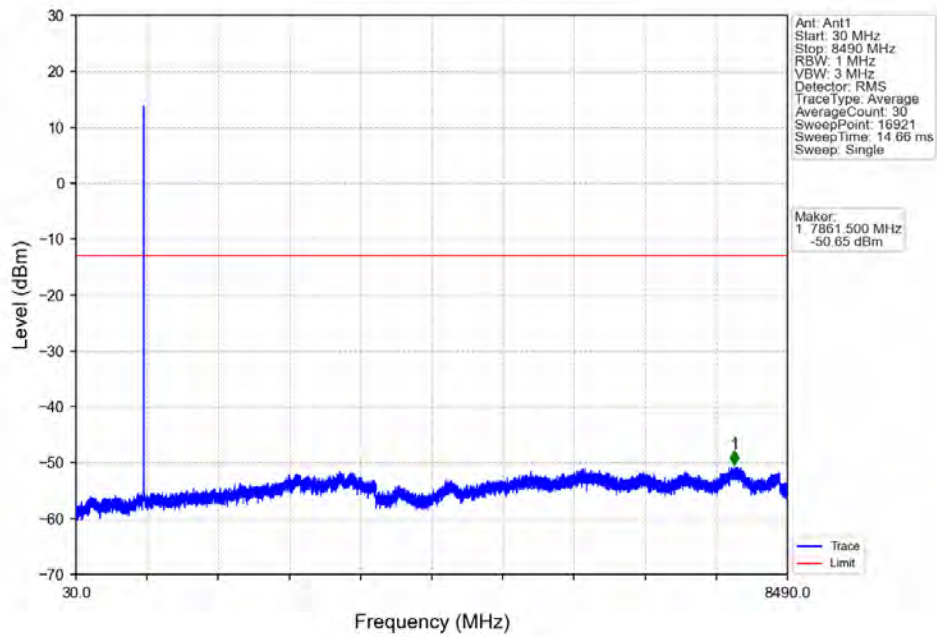
5.2.2 B5_3MHz



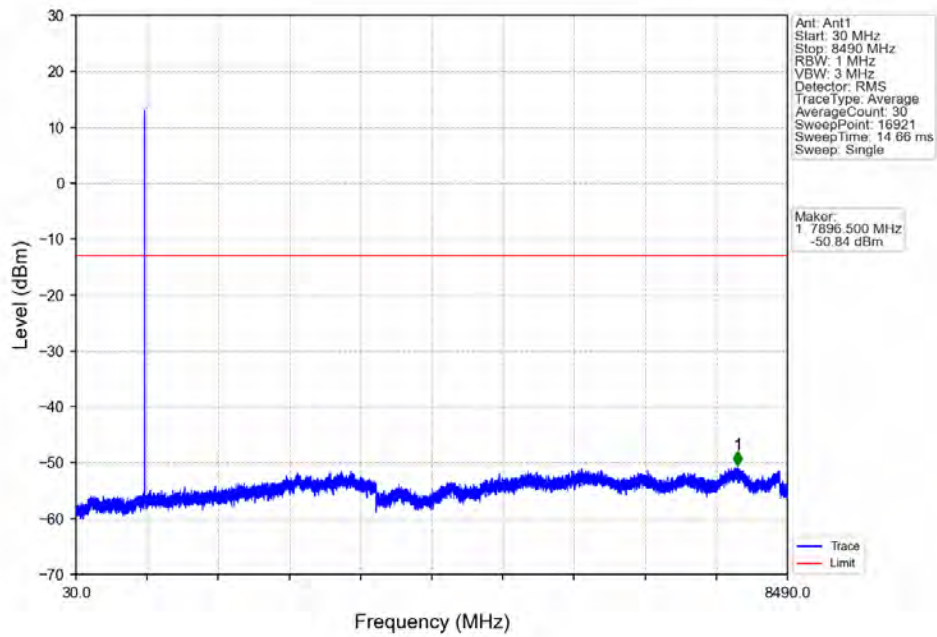
Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTNV



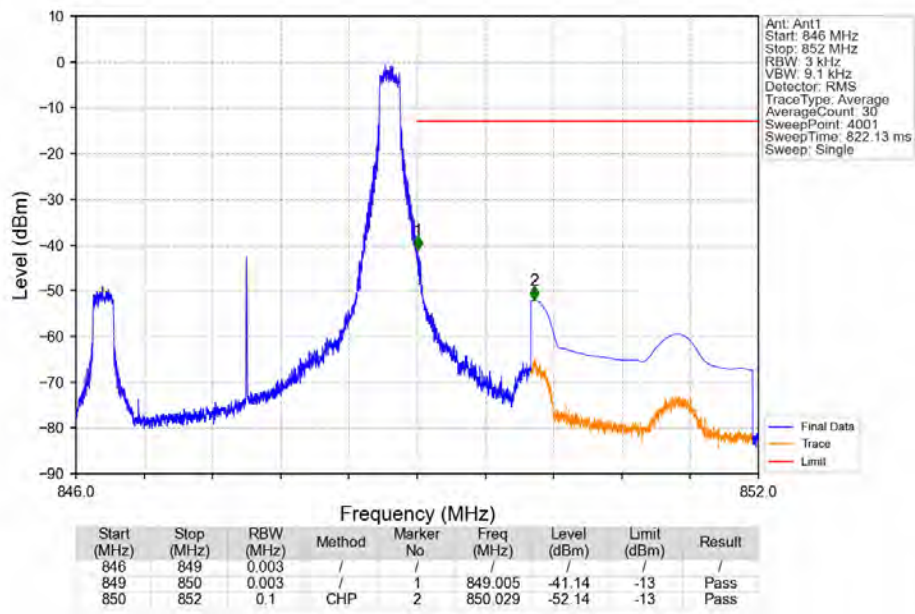
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTNV

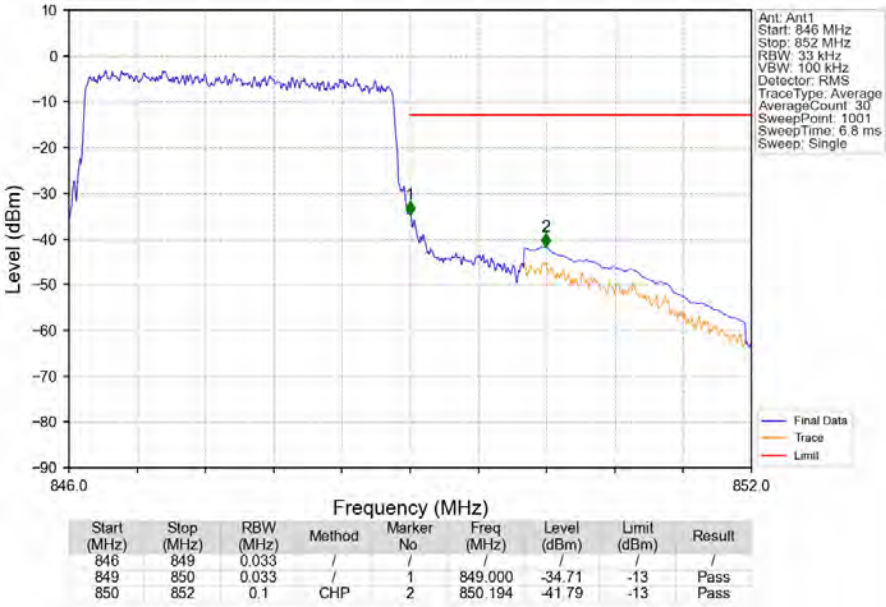


Band5 3MHz QPSK HCH 847.5MHz RB 1 0 NTN

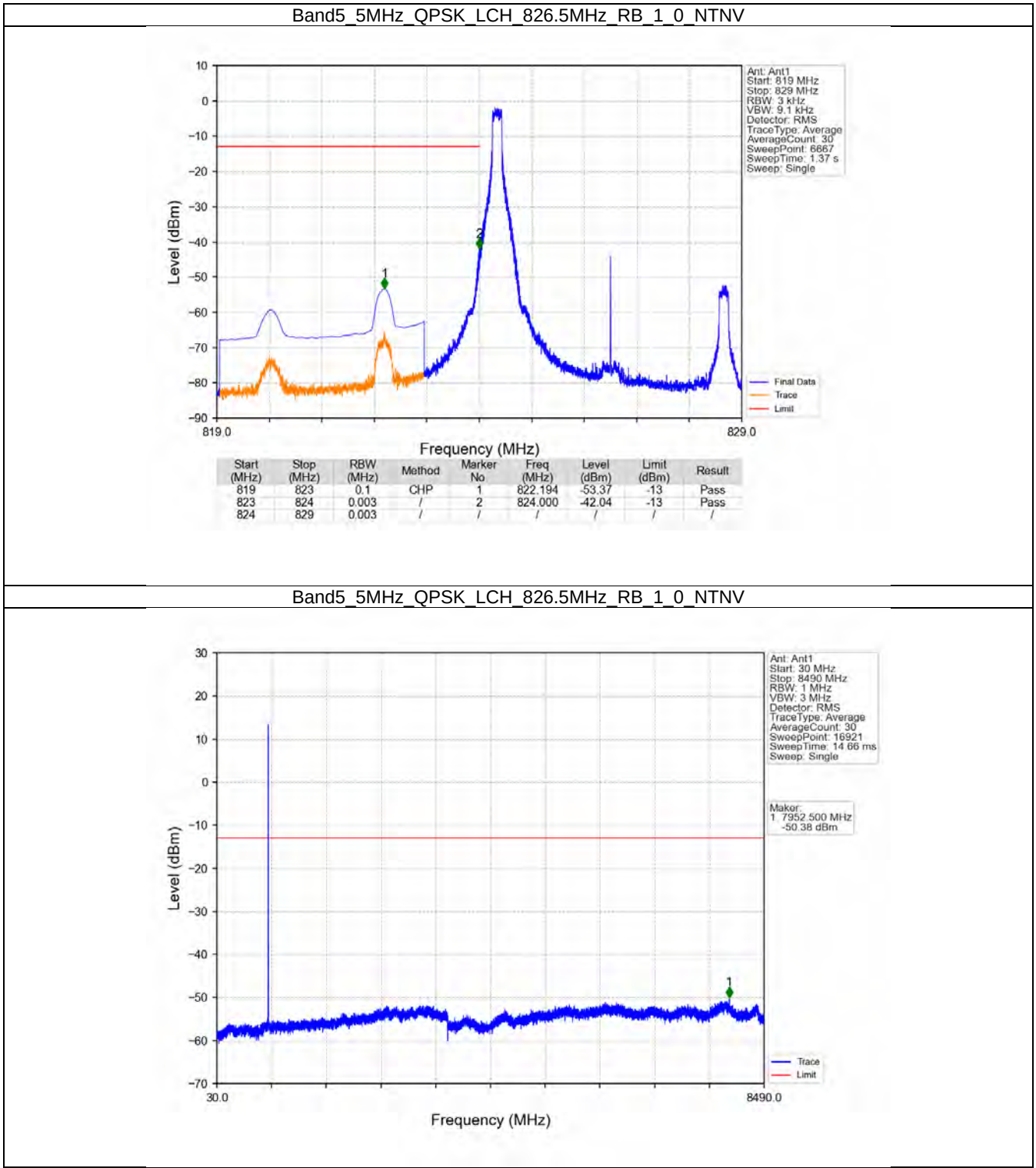


Band5 3MHz QPSK HCH 847.5MHz RB 1 14 NTN

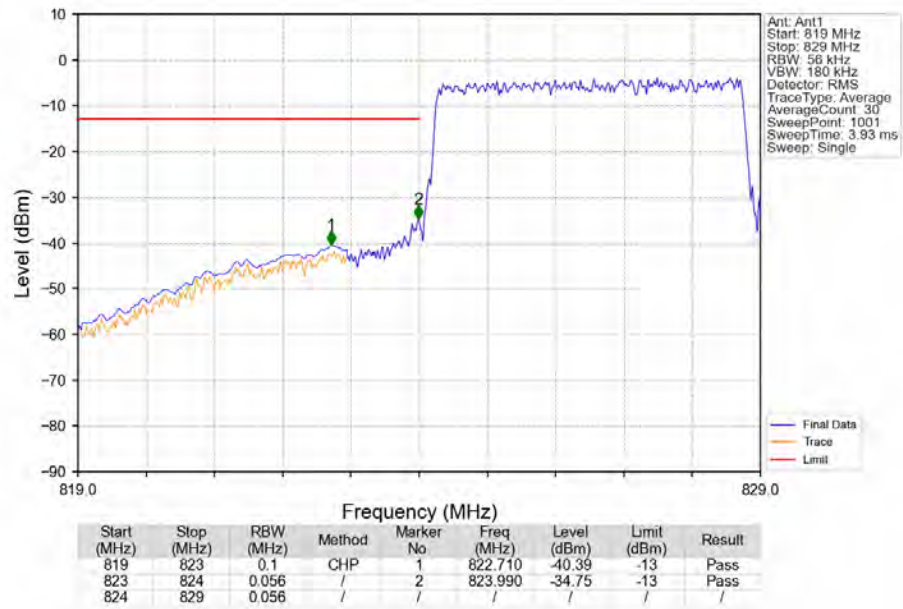




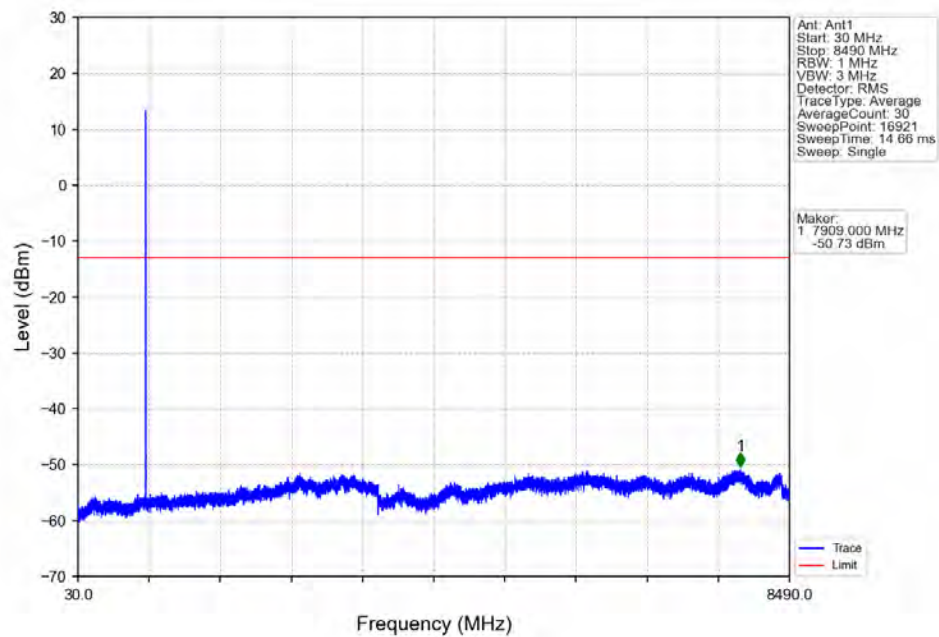
5.2.3 B5_5MHz



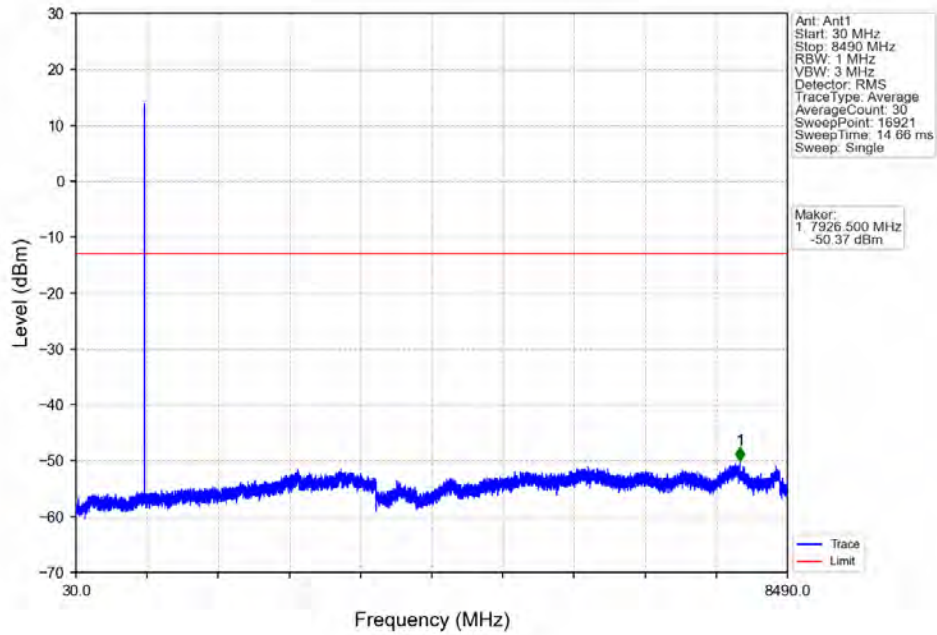
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTNV



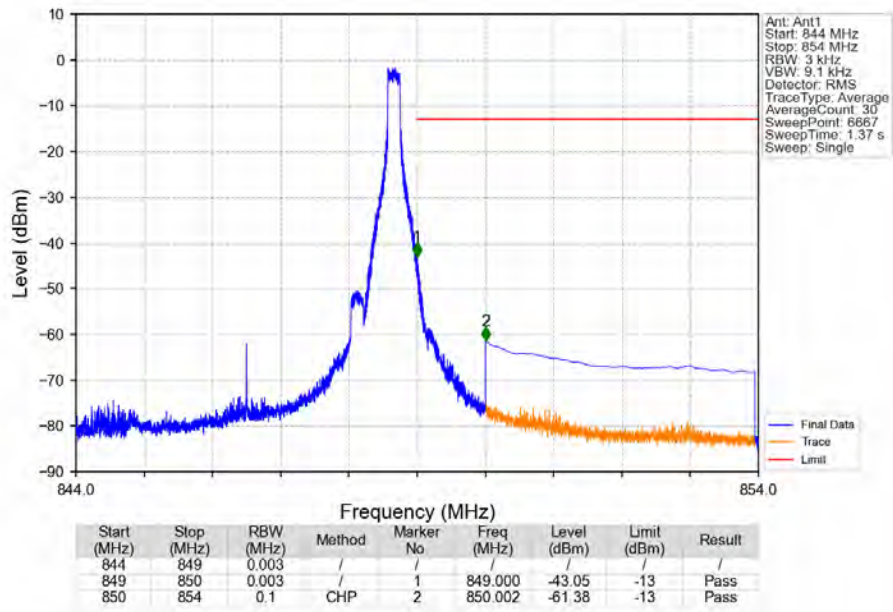
Band5 5MHz QPSK MCH 836.5MHz RB 1 0 NTNV

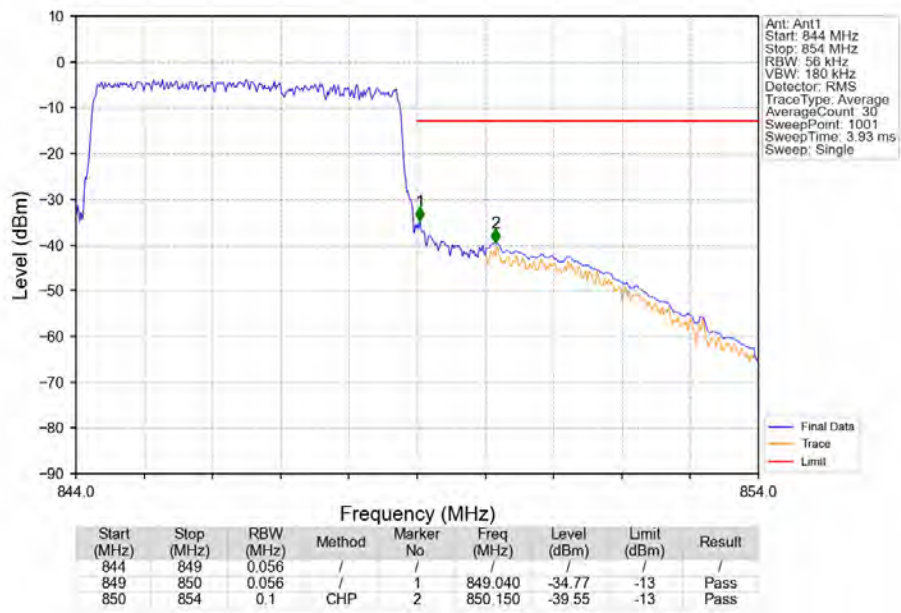


Band5 5MHz QPSK HCH 846.5MHz RB 1 0 NTN

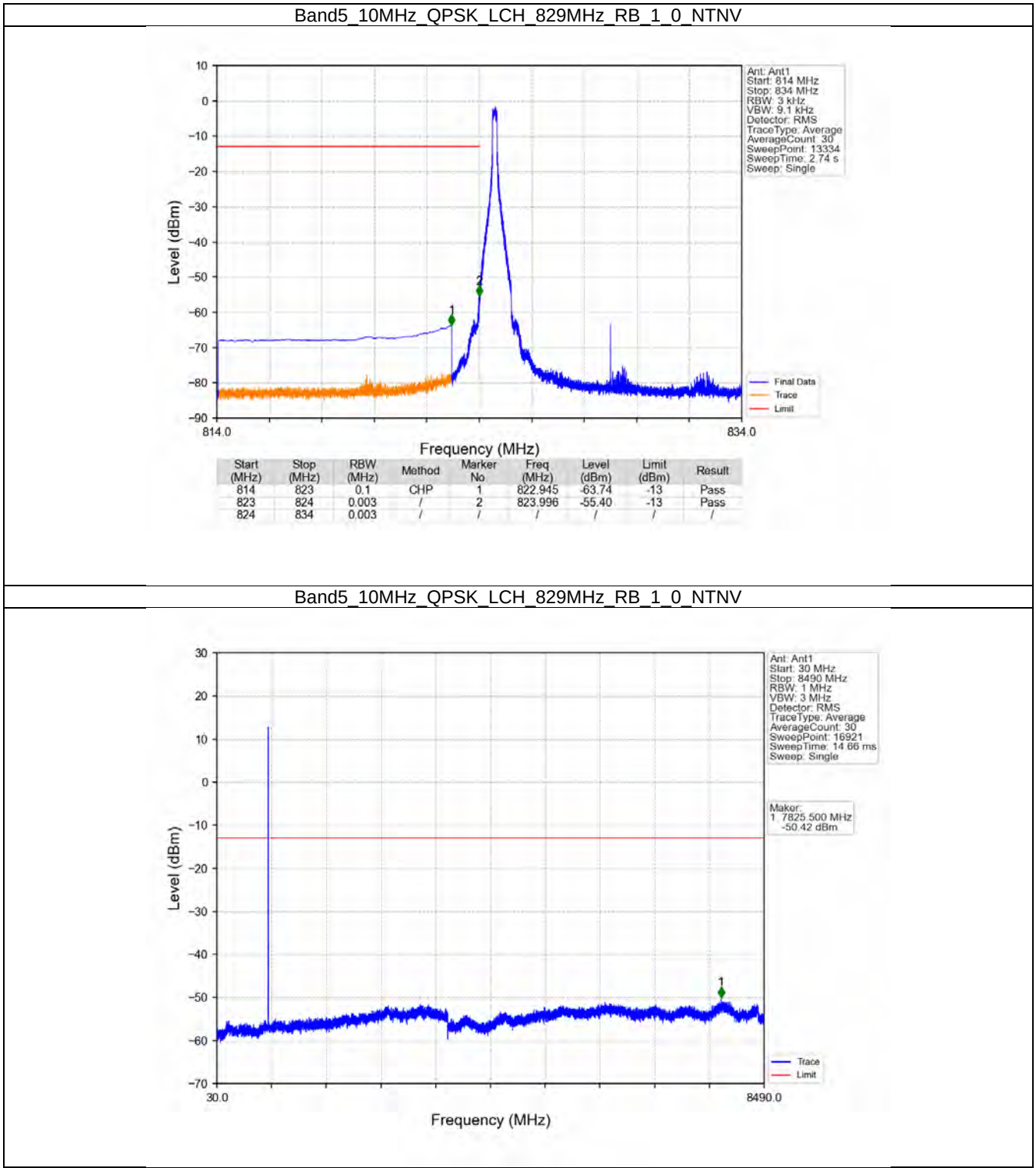


Band5 5MHz QPSK HCH 846.5MHz RB 1 24 NTN

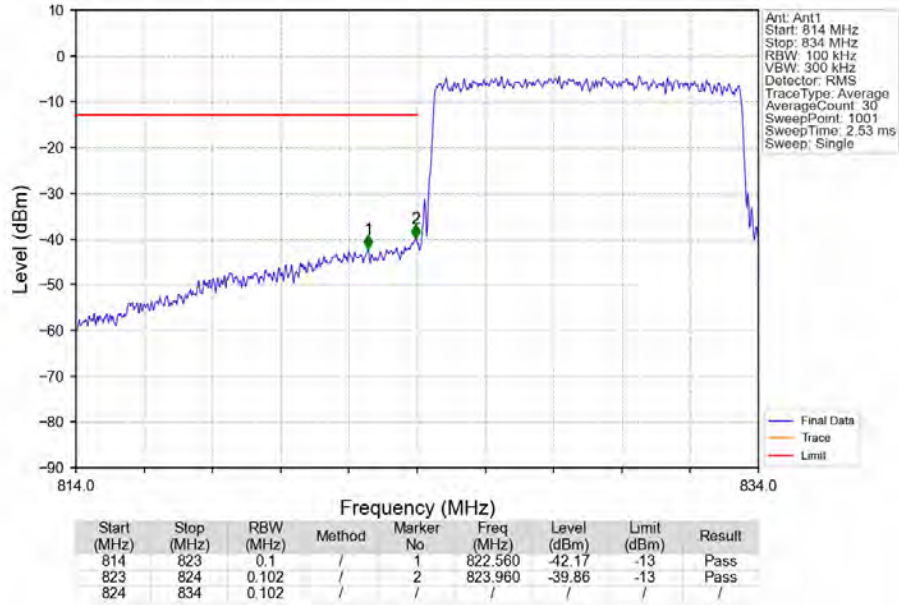




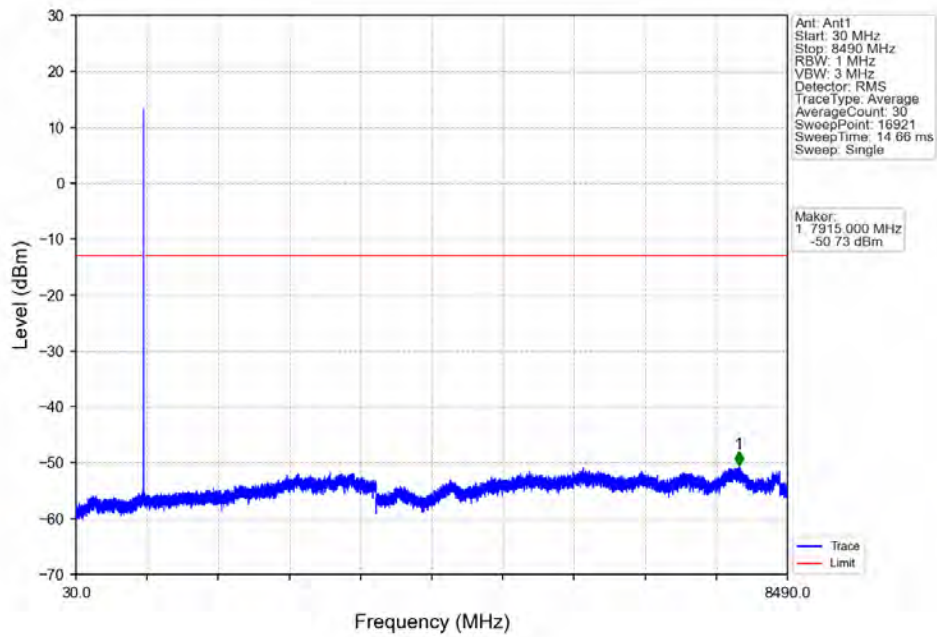
5.2.4 B5_10MHz



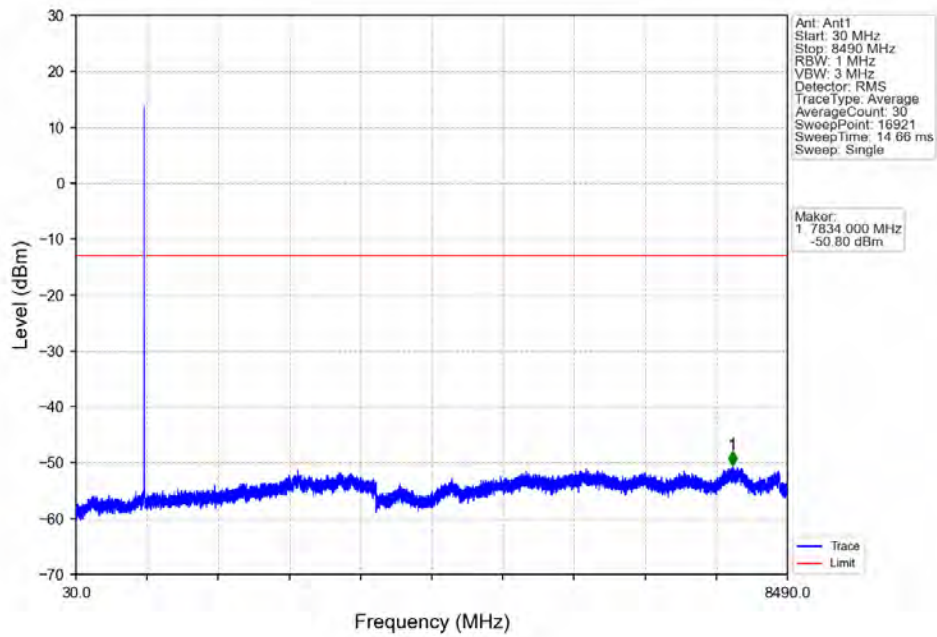
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTN



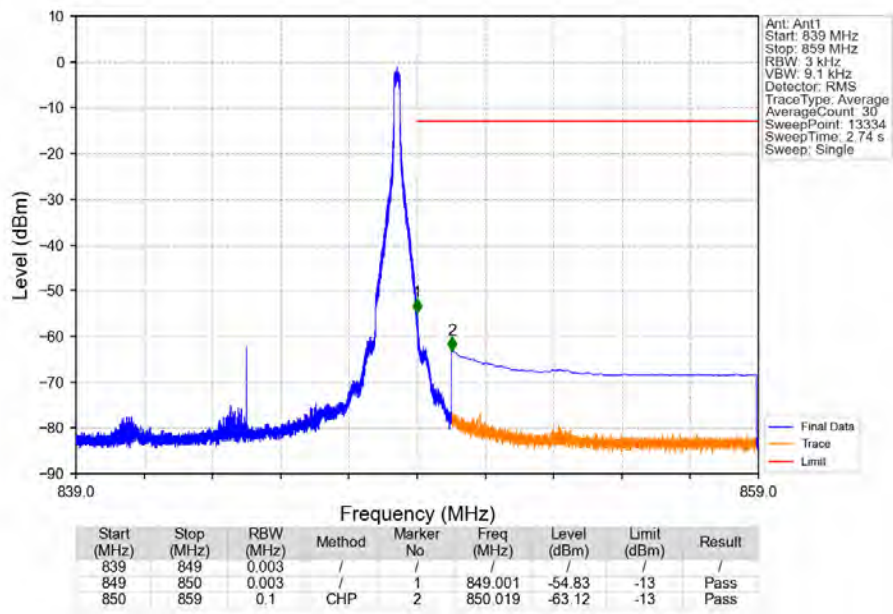
Band5 10MHz QPSK MCH 836.5MHz RB 1 0 NTN

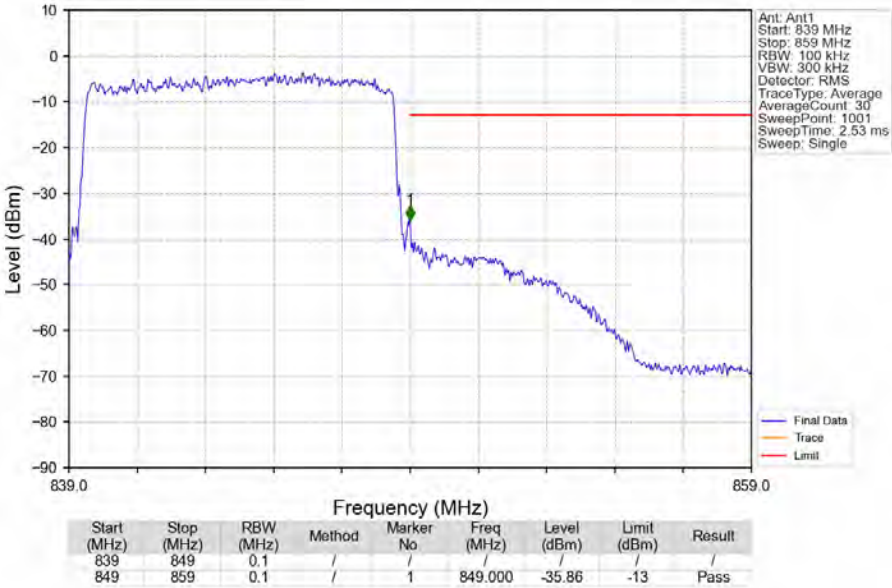


Band5 10MHz QPSK HCH 844MHz RB 1 0 NTNV



Band5 10MHz QPSK HCH 844MHz RB 1 49 NTNV





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	-69.14	-13	-56.14	-72.02	2.62	5.5	Horizontal	Pass
2473.5	-69.75	-13	-56.75	-72.45	3.06	5.76	Horizontal	Pass
3298.0	-67.37	-13	-54.37	-71.73	3.3	7.66	Horizontal	Pass
1649.0	-69.52	-13	-56.52	-72.4	2.62	5.5	Vertical	Pass
2473.5	-69.22	-13	-56.22	-71.92	3.06	5.76	Vertical	Pass
3298.0	-67.09	-13	-54.09	-71.45	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	-71.37	-13	-58.37	-74.21	2.63	5.47	Horizontal	Pass
2496.0	-69.48	-13	-56.48	-72.21	3.08	5.81	Horizontal	Pass
3328.0	-66.86	-13	-53.86	-71.29	3.31	7.74	Horizontal	Pass
1664.0	-71.78	-13	-58.78	-74.62	2.63	5.47	Vertical	Pass
2496.0	-68.93	-13	-55.93	-71.66	3.08	5.81	Vertical	Pass
3328.0	-67.43	-13	-54.43	-71.86	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	-71.39	-13	-58.39	-74.19	2.63	5.43	Horizontal	Pass
2518.5	-69.51	-13	-56.51	-72.29	3.08	5.86	Horizontal	Pass
3358.0	-67.07	-13	-54.07	-71.56	3.33	7.82	Horizontal	Pass
1679.0	-72.0	-13	-59.0	-74.8	2.63	5.43	Vertical	Pass
2518.5	-68.92	-13	-55.92	-71.7	3.08	5.86	Vertical	Pass
3358.0	-67.39	-13	-54.39	-71.88	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	-62.43	-13	-49.43	-68.0	4.57	10.14	Horizontal	Pass
7503.0	-60.22	-13	-47.22	-67.02	4.94	11.74	Horizontal	Pass
10004.0	-56.74	-13	-43.74	-64.31	5.46	13.03	Horizontal	Pass
5002.0	-62.36	-13	-49.36	-67.93	4.57	10.14	Vertical	Pass
7503.0	-60.49	-13	-47.49	-67.29	4.94	11.74	Vertical	Pass
10004.0	-57.07	-13	-44.07	-64.64	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	-61.89	-13	-48.89	-67.47	4.59	10.17	Horizontal	Pass
7578.0	-60.41	-13	-47.41	-67.29	4.95	11.83	Horizontal	Pass
10104.0	-56.96	-13	-43.96	-64.53	5.48	13.05	Horizontal	Pass
5052.0	-63.23	-13	-50.23	-68.81	4.59	10.17	Vertical	Pass
7578.0	-60.16	-13	-47.16	-67.04	4.95	11.83	Vertical	Pass
10104.0	-56.83	-13	-43.83	-64.4	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	-63.56	-13	-50.56	-69.16	4.6	10.2	Horizontal	Pass
7653.0	-60.42	-13	-47.42	-67.39	4.95	11.92	Horizontal	Pass
10204.0	-57.34	-13	-44.34	-64.92	5.49	13.07	Horizontal	Pass
5102.0	-63.08	-13	-50.08	-68.68	4.6	10.2	Vertical	Pass
7653.0	-60.09	-13	-47.09	-67.06	4.95	11.92	Vertical	Pass
10204.0	-57.35	-13	-44.35	-64.93	5.49	13.07	Vertical	Pass

CA_5A_66A-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
3422.0	-66.43	-13	-53.43	-71.05	3.36	7.98	Horizontal	Pass
5133.0	-62.6	-13	-49.6	-68.21	4.61	10.22	Horizontal	Pass
6844.0	-60.44	-13	-47.44	-66.47	4.9	10.93	Horizontal	Pass
3422.0	-66.29	-13	-53.29	-70.91	3.36	7.98	Vertical	Pass
5133.0	-62.7	-13	-49.7	-68.31	4.61	10.22	Vertical	Pass
6844.0	-60.7	-13	-47.7	-66.73	4.9	10.93	Vertical	Pass

CA_5A_66A-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
3472.0	-67.41	-13	-54.41	-72.12	3.39	8.1	Horizontal	Pass
5208.0	-63.29	-13	-50.29	-68.92	4.64	10.27	Horizontal	Pass
6944.0	-61.46	-13	-48.46	-67.61	4.91	11.06	Horizontal	Pass
3472.0	-67.5	-13	-54.5	-72.21	3.39	8.1	Vertical	Pass
5208.0	-63.47	-13	-50.47	-69.1	4.64	10.27	Vertical	Pass
6944.0	-60.84	-13	-47.84	-66.99	4.91	11.06	Vertical	Pass

CA_5A_66A-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
3522.0	-66.75	-13	-53.75	-71.53	3.42	8.2	Horizontal	Pass
5283.0	-62.85	-13	-49.85	-68.51	4.66	10.32	Horizontal	Pass
7044.0	-61.28	-13	-48.28	-67.54	4.92	11.18	Horizontal	Pass
3522.0	-66.84	-13	-53.84	-71.62	3.42	8.2	Vertical	Pass
5283.0	-62.87	-13	-49.87	-68.53	4.66	10.32	Vertical	Pass
7044.0	-61.09	-13	-48.09	-67.35	4.92	11.18	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---