



Report No.: SEWM2311000456RG01

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Appendix B.8

LTE Band 5



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1. Effective (Isotropic) Radiated Power Output Data

1.1 B5_1.4MHz_ERP

1.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	25.11	-4.10	18.86	<=38.45	Pass
			2	25.11	-4.10	18.86	<=38.45	Pass
			5	25.12	-4.10	18.87	<=38.45	Pass
		3	0	25.16	-4.10	18.91	<=38.45	Pass
			2	25.16	-4.10	18.91	<=38.45	Pass
			3	25.16	-4.10	18.91	<=38.45	Pass
		6	0	24.17	-4.10	17.92	<=38.45	Pass
	836.5	1	0	25.30	-4.10	19.05	<=38.45	Pass
			2	25.38	-4.10	19.13	<=38.45	Pass
			5	25.41	-4.10	19.16	<=38.45	Pass
		3	0	25.36	-4.10	19.11	<=38.45	Pass
			2	25.41	-4.10	19.16	<=38.45	Pass
			3	25.41	-4.10	19.16	<=38.45	Pass
		6	0	24.34	-4.10	18.09	<=38.45	Pass
	848.3	1	0	25.27	-4.10	19.02	<=38.45	Pass
			2	25.22	-4.10	18.97	<=38.45	Pass
			5	25.24	-4.10	18.99	<=38.45	Pass
		3	0	25.32	-4.10	19.07	<=38.45	Pass
			2	25.30	-4.10	19.05	<=38.45	Pass
			3	25.28	-4.10	19.03	<=38.45	Pass
		6	0	24.33	-4.10	18.08	<=38.45	Pass
16QAM	824.7	1	0	24.31	-4.10	18.06	<=38.45	Pass
			2	24.29	-4.10	18.04	<=38.45	Pass
			5	24.31	-4.10	18.06	<=38.45	Pass
		3	0	24.16	-4.10	17.91	<=38.45	Pass
			2	24.18	-4.10	17.93	<=38.45	Pass
			3	24.15	-4.10	17.90	<=38.45	Pass
		6	0	23.18	-4.10	16.93	<=38.45	Pass
	836.5	1	0	24.36	-4.10	18.11	<=38.45	Pass
			2	24.41	-4.10	18.16	<=38.45	Pass
			5	24.47	-4.10	18.22	<=38.45	Pass
		3	0	24.40	-4.10	18.15	<=38.45	Pass
			2	24.44	-4.10	18.19	<=38.45	Pass
			3	24.43	-4.10	18.18	<=38.45	Pass
		6	0	23.28	-4.10	17.03	<=38.45	Pass
	848.3	1	0	24.51	-4.10	18.26	<=38.45	Pass
			2	24.50	-4.10	18.25	<=38.45	Pass
			5	24.50	-4.10	18.25	<=38.45	Pass
		3	0	24.37	-4.10	18.12	<=38.45	Pass



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64QAM	824.7	6	2	24.36	-4.10	18.11	<=38.45	Pass
			3	24.32	-4.10	18.07	<=38.45	Pass
			0	23.38	-4.10	17.13	<=38.45	Pass
		1	0	23.53	-4.10	17.28	<=38.45	Pass
			2	23.53	-4.10	17.28	<=38.45	Pass
			5	23.54	-4.10	17.29	<=38.45	Pass
		3	0	23.67	-4.10	17.42	<=38.45	Pass
			2	23.68	-4.10	17.43	<=38.45	Pass
			3	23.68	-4.10	17.43	<=38.45	Pass
		6	0	22.70	-4.10	16.45	<=38.45	Pass
			1	23.30	-4.10	17.05	<=38.45	Pass
			2	23.30	-4.10	17.05	<=38.45	Pass
256QAM	836.5	1	5	23.39	-4.10	17.14	<=38.45	Pass
			0	23.36	-4.10	17.11	<=38.45	Pass
			2	23.38	-4.10	17.13	<=38.45	Pass
		3	3	23.40	-4.10	17.15	<=38.45	Pass
			0	22.53	-4.10	16.28	<=38.45	Pass
			0	23.93	-4.10	17.68	<=38.45	Pass
		1	2	23.94	-4.10	17.69	<=38.45	Pass
			5	23.92	-4.10	17.67	<=38.45	Pass
			0	23.93	-4.10	17.68	<=38.45	Pass
		3	2	23.93	-4.10	17.68	<=38.45	Pass
			3	23.95	-4.10	17.70	<=38.45	Pass
			0	23.93	-4.10	17.68	<=38.45	Pass
	848.3	1	0	20.26	-4.10	14.01	<=38.45	Pass
			2	20.24	-4.10	13.99	<=38.45	Pass
			5	20.26	-4.10	14.01	<=38.45	Pass
		3	0	20.27	-4.10	14.02	<=38.45	Pass
			2	20.24	-4.10	13.99	<=38.45	Pass
			3	20.28	-4.10	14.03	<=38.45	Pass
		6	0	20.49	-4.10	14.24	<=38.45	Pass
			0	20.47	-4.10	14.22	<=38.45	Pass
			2	20.56	-4.10	14.31	<=38.45	Pass
		1	5	20.53	-4.10	14.28	<=38.45	Pass
			0	20.39	-4.10	14.14	<=38.45	Pass
			2	20.40	-4.10	14.15	<=38.45	Pass
64QAM	836.5	3	3	20.40	-4.10	14.15	<=38.45	Pass
			0	20.48	-4.10	14.23	<=38.45	Pass
			0	20.63	-4.10	14.38	<=38.45	Pass
		1	2	20.68	-4.10	14.43	<=38.45	Pass
			5	20.63	-4.10	14.38	<=38.45	Pass
			0	20.34	-4.10	14.09	<=38.45	Pass
		3	2	20.35	-4.10	14.10	<=38.45	Pass
			3	20.36	-4.10	14.11	<=38.45	Pass
			0	20.36	-4.10	14.11	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.2 B5_3MHz_ERP

1.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	25.17	-4.10	18.92	<=38.45	Pass
			7	25.17	-4.10	18.92	<=38.45	Pass
			14	25.16	-4.10	18.91	<=38.45	Pass
		8	0	24.18	-4.10	17.93	<=38.45	Pass
			4	24.14	-4.10	17.89	<=38.45	Pass
			7	24.14	-4.10	17.89	<=38.45	Pass
		15	0	24.17	-4.10	17.92	<=38.45	Pass
	836.5	1	0	25.25	-4.10	19.00	<=38.45	Pass
			7	25.36	-4.10	19.11	<=38.45	Pass
			14	25.35	-4.10	19.10	<=38.45	Pass
		8	0	24.34	-4.10	18.09	<=38.45	Pass
			4	24.36	-4.10	18.11	<=38.45	Pass
			7	24.37	-4.10	18.12	<=38.45	Pass
		15	0	24.35	-4.10	18.10	<=38.45	Pass
	847.5	1	0	25.36	-4.10	19.11	<=38.45	Pass
			7	25.31	-4.10	19.06	<=38.45	Pass
			14	25.29	-4.10	19.04	<=38.45	Pass
		8	0	24.39	-4.10	18.14	<=38.45	Pass
			4	24.32	-4.10	18.07	<=38.45	Pass
			7	24.33	-4.10	18.08	<=38.45	Pass
		15	0	24.36	-4.10	18.11	<=38.45	Pass
16QAM	825.5	1	0	24.74	-4.10	18.49	<=38.45	Pass
			7	24.72	-4.10	18.47	<=38.45	Pass
			14	24.69	-4.10	18.44	<=38.45	Pass
		8	0	23.32	-4.10	17.07	<=38.45	Pass
			4	23.30	-4.10	17.05	<=38.45	Pass
			7	23.30	-4.10	17.05	<=38.45	Pass
		15	0	23.24	-4.10	16.99	<=38.45	Pass
	836.5	1	0	24.51	-4.10	18.26	<=38.45	Pass
			7	24.59	-4.10	18.34	<=38.45	Pass
			14	24.57	-4.10	18.32	<=38.45	Pass
		8	0	23.30	-4.10	17.05	<=38.45	Pass
			4	23.34	-4.10	17.09	<=38.45	Pass
			7	23.34	-4.10	17.09	<=38.45	Pass
		15	0	23.31	-4.10	17.06	<=38.45	Pass
	847.5	1	0	24.46	-4.10	18.21	<=38.45	Pass
			7	24.42	-4.10	18.17	<=38.45	Pass
			14	24.37	-4.10	18.12	<=38.45	Pass
		8	0	23.44	-4.10	17.19	<=38.45	Pass
			4	23.42	-4.10	17.17	<=38.45	Pass
			7	23.39	-4.10	17.14	<=38.45	Pass



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		15	0	23.40	-4.10	17.15	<=38.45	Pass	
64QAM	825.5	1	0	23.40	-4.10	17.15	<=38.45	Pass	
			7	23.39	-4.10	17.14	<=38.45	Pass	
			14	23.40	-4.10	17.15	<=38.45	Pass	
			0	23.40	-4.10	17.15	<=38.45	Pass	
		8	4	23.40	-4.10	17.15	<=38.45	Pass	
			7	23.40	-4.10	17.15	<=38.45	Pass	
			15	0	23.42	-4.10	17.17	<=38.45	Pass
		836.5	1	0	23.30	-4.10	17.05	<=38.45	Pass
				7	23.30	-4.10	17.05	<=38.45	Pass
				14	23.31	-4.10	17.06	<=38.45	Pass
	0			23.31	-4.10	17.06	<=38.45	Pass	
	8		4	23.31	-4.10	17.06	<=38.45	Pass	
			7	23.31	-4.10	17.06	<=38.45	Pass	
			15	0	23.31	-4.10	17.06	<=38.45	Pass
	847.5		1	0	23.56	-4.10	17.31	<=38.45	Pass
		7		23.59	-4.10	17.34	<=38.45	Pass	
		14		23.58	-4.10	17.33	<=38.45	Pass	
		0		23.58	-4.10	17.33	<=38.45	Pass	
		8	4	23.59	-4.10	17.34	<=38.45	Pass	
			7	23.59	-4.10	17.34	<=38.45	Pass	
			15	0	23.58	-4.10	17.33	<=38.45	Pass
256QAM		825.5	1	0	20.84	-4.10	14.59	<=38.45	Pass
	7			20.83	-4.10	14.58	<=38.45	Pass	
	14			20.84	-4.10	14.59	<=38.45	Pass	
	8		0	20.54	-4.10	14.29	<=38.45	Pass	
			4	20.47	-4.10	14.22	<=38.45	Pass	
			7	20.47	-4.10	14.22	<=38.45	Pass	
	15		0	20.46	-4.10	14.21	<=38.45	Pass	
	836.5	1	0	20.27	-4.10	14.02	<=38.45	Pass	
			7	20.31	-4.10	14.06	<=38.45	Pass	
			14	20.30	-4.10	14.05	<=38.45	Pass	
		8	0	20.37	-4.10	14.12	<=38.45	Pass	
			4	20.38	-4.10	14.13	<=38.45	Pass	
			7	20.37	-4.10	14.12	<=38.45	Pass	
		15	0	20.55	-4.10	14.30	<=38.45	Pass	
	847.5	1	0	20.48	-4.10	14.23	<=38.45	Pass	
			7	20.51	-4.10	14.26	<=38.45	Pass	
			14	20.48	-4.10	14.23	<=38.45	Pass	
		8	0	20.52	-4.10	14.27	<=38.45	Pass	
			4	20.49	-4.10	14.24	<=38.45	Pass	
			7	20.46	-4.10	14.21	<=38.45	Pass	
		15	0	20.43	-4.10	14.18	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.3 B5_5MHz_ERP

1.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	25.31	-4.10	19.06	<=38.45	Pass
			13	25.30	-4.10	19.05	<=38.45	Pass
			24	25.38	-4.10	19.13	<=38.45	Pass
		12	0	24.25	-4.10	18.00	<=38.45	Pass
			6	24.24	-4.10	17.99	<=38.45	Pass
			13	24.27	-4.10	18.02	<=38.45	Pass
		25	0	24.28	-4.10	18.03	<=38.45	Pass
	836.5	1	0	25.38	-4.10	19.13	<=38.45	Pass
			13	25.50	-4.10	19.25	<=38.45	Pass
			24	25.53	-4.10	19.28	<=38.45	Pass
		12	0	24.39	-4.10	18.14	<=38.45	Pass
			6	24.42	-4.10	18.17	<=38.45	Pass
			13	24.47	-4.10	18.22	<=38.45	Pass
		25	0	24.44	-4.10	18.19	<=38.45	Pass
	846.5	1	0	25.52	-4.10	19.27	<=38.45	Pass
			13	25.47	-4.10	19.22	<=38.45	Pass
			24	25.42	-4.10	19.17	<=38.45	Pass
		12	0	24.46	-4.10	18.21	<=38.45	Pass
			6	24.41	-4.10	18.16	<=38.45	Pass
			13	24.38	-4.10	18.13	<=38.45	Pass
		25	0	24.45	-4.10	18.20	<=38.45	Pass
16QAM	826.5	1	0	24.14	-4.10	17.89	<=38.45	Pass
			13	24.13	-4.10	17.88	<=38.45	Pass
			24	24.21	-4.10	17.96	<=38.45	Pass
		12	0	23.27	-4.10	17.02	<=38.45	Pass
			6	23.25	-4.10	17.00	<=38.45	Pass
			13	23.28	-4.10	17.03	<=38.45	Pass
		25	0	23.31	-4.10	17.06	<=38.45	Pass
	836.5	1	0	24.66	-4.10	18.41	<=38.45	Pass
			13	24.76	-4.10	18.51	<=38.45	Pass
			24	24.78	-4.10	18.53	<=38.45	Pass
		12	0	23.45	-4.10	17.20	<=38.45	Pass
			6	23.46	-4.10	17.21	<=38.45	Pass
			13	23.51	-4.10	17.26	<=38.45	Pass
		25	0	23.42	-4.10	17.17	<=38.45	Pass
	846.5	1	0	24.59	-4.10	18.34	<=38.45	Pass
			13	24.51	-4.10	18.26	<=38.45	Pass
			24	24.47	-4.10	18.22	<=38.45	Pass
		12	0	23.47	-4.10	17.22	<=38.45	Pass
			6	23.45	-4.10	17.20	<=38.45	Pass
			13	23.41	-4.10	17.16	<=38.45	Pass



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		25	0	23.46	-4.10	17.21	<=38.45	Pass
64QAM	826.5	1	0	23.60	-4.10	17.35	<=38.45	Pass
			13	23.60	-4.10	17.35	<=38.45	Pass
			24	23.59	-4.10	17.34	<=38.45	Pass
			0	23.60	-4.10	17.35	<=38.45	Pass
		12	6	23.60	-4.10	17.35	<=38.45	Pass
			13	23.61	-4.10	17.36	<=38.45	Pass
		25	0	23.60	-4.10	17.35	<=38.45	Pass
	836.5	1	0	23.57	-4.10	17.32	<=38.45	Pass
			13	23.58	-4.10	17.33	<=38.45	Pass
			24	23.60	-4.10	17.35	<=38.45	Pass
			0	23.60	-4.10	17.35	<=38.45	Pass
		12	6	23.60	-4.10	17.35	<=38.45	Pass
			13	23.58	-4.10	17.33	<=38.45	Pass
		25	0	23.59	-4.10	17.34	<=38.45	Pass
	846.5	1	0	23.70	-4.10	17.45	<=38.45	Pass
			13	23.70	-4.10	17.45	<=38.45	Pass
			24	23.70	-4.10	17.45	<=38.45	Pass
			0	23.70	-4.10	17.45	<=38.45	Pass
		12	6	23.69	-4.10	17.44	<=38.45	Pass
			13	23.70	-4.10	17.45	<=38.45	Pass
		25	0	23.69	-4.10	17.44	<=38.45	Pass
256QAM	826.5	1	0	20.22	-4.10	13.97	<=38.45	Pass
			13	20.20	-4.10	13.95	<=38.45	Pass
			24	20.23	-4.10	13.98	<=38.45	Pass
			0	20.50	-4.10	14.25	<=38.45	Pass
		12	6	20.47	-4.10	14.22	<=38.45	Pass
			13	20.46	-4.10	14.21	<=38.45	Pass
		25	0	20.52	-4.10	14.27	<=38.45	Pass
	836.5	1	0	20.67	-4.10	14.42	<=38.45	Pass
			13	20.70	-4.10	14.45	<=38.45	Pass
			24	20.74	-4.10	14.49	<=38.45	Pass
			0	20.51	-4.10	14.26	<=38.45	Pass
		12	6	20.50	-4.10	14.25	<=38.45	Pass
			13	20.51	-4.10	14.26	<=38.45	Pass
		25	0	20.45	-4.10	14.20	<=38.45	Pass
	846.5	1	0	20.55	-4.10	14.30	<=38.45	Pass
			13	20.52	-4.10	14.27	<=38.45	Pass
			24	20.54	-4.10	14.29	<=38.45	Pass
			0	20.49	-4.10	14.24	<=38.45	Pass
		12	6	20.48	-4.10	14.23	<=38.45	Pass
			13	20.47	-4.10	14.22	<=38.45	Pass
		25	0	20.51	-4.10	14.26	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.4 B5_10MHz_ERP

1.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	25.28	-4.10	19.03	<=38.45	Pass
			25	25.30	-4.10	19.05	<=38.45	Pass
			49	25.39	-4.10	19.14	<=38.45	Pass
		25	0	24.28	-4.10	18.03	<=38.45	Pass
			13	24.35	-4.10	18.10	<=38.45	Pass
			25	24.36	-4.10	18.11	<=38.45	Pass
		50	0	24.32	-4.10	18.07	<=38.45	Pass
	836.5	1	0	25.36	-4.10	19.11	<=38.45	Pass
			25	25.47	-4.10	19.22	<=38.45	Pass
			49	25.50	-4.10	19.25	<=38.45	Pass
		25	0	24.39	-4.10	18.14	<=38.45	Pass
			13	24.46	-4.10	18.21	<=38.45	Pass
			25	24.50	-4.10	18.25	<=38.45	Pass
		50	0	24.45	-4.10	18.20	<=38.45	Pass
	844	1	0	25.56	-4.10	19.31	<=38.45	Pass
			25	25.45	-4.10	19.20	<=38.45	Pass
			49	25.41	-4.10	19.16	<=38.45	Pass
		25	0	24.55	-4.10	18.30	<=38.45	Pass
			13	24.50	-4.10	18.25	<=38.45	Pass
			25	24.47	-4.10	18.22	<=38.45	Pass
		50	0	24.49	-4.10	18.24	<=38.45	Pass
16QAM	829	1	0	24.85	-4.10	18.60	<=38.45	Pass
			25	24.88	-4.10	18.63	<=38.45	Pass
			49	24.93	-4.10	18.68	<=38.45	Pass
		25	0	23.32	-4.10	17.07	<=38.45	Pass
			13	23.39	-4.10	17.14	<=38.45	Pass
			25	23.38	-4.10	17.13	<=38.45	Pass
		50	0	23.33	-4.10	17.08	<=38.45	Pass
	836.5	1	0	24.58	-4.10	18.33	<=38.45	Pass
			25	24.70	-4.10	18.45	<=38.45	Pass
			49	24.71	-4.10	18.46	<=38.45	Pass
		25	0	23.40	-4.10	17.15	<=38.45	Pass
			13	23.47	-4.10	17.22	<=38.45	Pass
			25	23.48	-4.10	17.23	<=38.45	Pass
		50	0	23.44	-4.10	17.19	<=38.45	Pass
	844	1	0	24.62	-4.10	18.37	<=38.45	Pass
			25	24.51	-4.10	18.26	<=38.45	Pass
			49	24.47	-4.10	18.22	<=38.45	Pass
		25	0	23.62	-4.10	17.37	<=38.45	Pass
			13	23.55	-4.10	17.30	<=38.45	Pass
			25	23.55	-4.10	17.30	<=38.45	Pass



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		50	0	23.49	-4.10	17.24	<=38.45	Pass
64QAM	829	1	0	23.47	-4.10	17.22	<=38.45	Pass
			25	23.46	-4.10	17.21	<=38.45	Pass
			49	23.47	-4.10	17.22	<=38.45	Pass
			0	23.47	-4.10	17.22	<=38.45	Pass
		25	13	23.48	-4.10	17.23	<=38.45	Pass
			25	23.47	-4.10	17.22	<=38.45	Pass
		50	0	23.47	-4.10	17.22	<=38.45	Pass
	836.5	1	0	23.43	-4.10	17.18	<=38.45	Pass
			25	23.44	-4.10	17.19	<=38.45	Pass
			49	23.42	-4.10	17.17	<=38.45	Pass
		25	0	23.41	-4.10	17.16	<=38.45	Pass
			13	23.44	-4.10	17.19	<=38.45	Pass
			25	23.46	-4.10	17.21	<=38.45	Pass
		50	0	23.42	-4.10	17.17	<=38.45	Pass
	844	1	0	23.71	-4.10	17.46	<=38.45	Pass
			25	23.72	-4.10	17.47	<=38.45	Pass
			49	23.70	-4.10	17.45	<=38.45	Pass
		25	0	23.72	-4.10	17.47	<=38.45	Pass
			13	23.74	-4.10	17.49	<=38.45	Pass
			25	23.72	-4.10	17.47	<=38.45	Pass
		50	0	23.70	-4.10	17.45	<=38.45	Pass
256QAM	829	1	0	20.93	-4.10	14.68	<=38.45	Pass
			25	20.91	-4.10	14.66	<=38.45	Pass
			49	20.88	-4.10	14.63	<=38.45	Pass
		25	0	20.49	-4.10	14.24	<=38.45	Pass
			13	20.51	-4.10	14.26	<=38.45	Pass
			25	20.47	-4.10	14.22	<=38.45	Pass
		50	0	20.47	-4.10	14.22	<=38.45	Pass
	836.5	1	0	20.30	-4.10	14.05	<=38.45	Pass
			25	20.37	-4.10	14.12	<=38.45	Pass
			49	20.34	-4.10	14.09	<=38.45	Pass
		25	0	20.48	-4.10	14.23	<=38.45	Pass
			13	20.50	-4.10	14.25	<=38.45	Pass
			25	20.53	-4.10	14.28	<=38.45	Pass
		50	0	20.43	-4.10	14.18	<=38.45	Pass
	844	1	0	20.64	-4.10	14.39	<=38.45	Pass
			25	20.58	-4.10	14.33	<=38.45	Pass
			49	20.62	-4.10	14.37	<=38.45	Pass
		25	0	20.59	-4.10	14.34	<=38.45	Pass
			13	20.52	-4.10	14.27	<=38.45	Pass
			25	20.58	-4.10	14.33	<=38.45	Pass
		50	0	20.50	-4.10	14.25	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15



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2. Frequency Stability

2.1 B5_1.4MHz

2.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.6	-12.646	-0.0153	-2.5 to 2.5	Pass
					3.84	-73.757	-0.0894	-2.5 to 2.5	Pass
					4.25	-33.746	-0.0409	-2.5 to 2.5	Pass
				-30	3.84	-90.308	-0.1095	-2.5 to 2.5	Pass
				-20	3.84	-32.430	-0.0393	-2.5 to 2.5	Pass
				-10	3.84	-74.158	-0.0899	-2.5 to 2.5	Pass
				0	3.84	-15.006	-0.0182	-2.5 to 2.5	Pass
				10	3.84	-53.430	-0.0648	-2.5 to 2.5	Pass
				30	3.84	-0.787	-0.0010	-2.5 to 2.5	Pass
				40	3.84	-38.524	-0.0467	-2.5 to 2.5	Pass
				50	3.84	-81.310	-0.0986	-2.5 to 2.5	Pass
	836.5	6	0	20	3.6	-12.002	-0.0143	-2.5 to 2.5	Pass
					3.84	-28.410	-0.0340	-2.5 to 2.5	Pass
					4.25	-42.143	-0.0504	-2.5 to 2.5	Pass
				-30	3.84	-53.172	-0.0636	-2.5 to 2.5	Pass
				-20	3.84	-66.161	-0.0791	-2.5 to 2.5	Pass
				-10	3.84	-79.079	-0.0945	-2.5 to 2.5	Pass
				0	3.84	-92.812	-0.1110	-2.5 to 2.5	Pass
				10	3.84	-5.207	-0.0062	-2.5 to 2.5	Pass
				30	3.84	-18.568	-0.0222	-2.5 to 2.5	Pass
				40	3.84	-29.397	-0.0351	-2.5 to 2.5	Pass
				50	3.84	-40.927	-0.0489	-2.5 to 2.5	Pass
	848.3	6	0	20	3.6	-3.076	-0.0036	-2.5 to 2.5	Pass
					3.84	-12.875	-0.0152	-2.5 to 2.5	Pass
					4.25	-20.700	-0.0244	-2.5 to 2.5	Pass
				-30	3.84	-28.453	-0.0335	-2.5 to 2.5	Pass
				-20	3.84	-38.137	-0.0450	-2.5 to 2.5	Pass
				-10	3.84	-47.078	-0.0555	-2.5 to 2.5	Pass
				0	3.84	-56.963	-0.0671	-2.5 to 2.5	Pass
				10	3.84	-69.566	-0.0820	-2.5 to 2.5	Pass
				30	3.84	-82.355	-0.0971	-2.5 to 2.5	Pass
				40	3.84	-93.055	-0.1097	-2.5 to 2.5	Pass
				50	3.84	-2.146	-0.0025	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.6	-27.194	-0.0330	-2.5 to 2.5	Pass
					3.84	-58.222	-0.0706	-2.5 to 2.5	Pass
					4.25	-90.494	-0.1097	-2.5 to 2.5	Pass
				-30	3.84	-19.412	-0.0235	-2.5 to 2.5	Pass
				-20	3.84	-46.678	-0.0566	-2.5 to 2.5	Pass
				-10	3.84	-70.453	-0.0854	-2.5 to 2.5	Pass



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64QAM				0	3.84	-93.012	-0.1128	-2.5 to 2.5	Pass
				10	3.84	-14.262	-0.0173	-2.5 to 2.5	Pass
				30	3.84	-33.388	-0.0405	-2.5 to 2.5	Pass
				40	3.84	-52.199	-0.0633	-2.5 to 2.5	Pass
				50	3.84	-69.995	-0.0849	-2.5 to 2.5	Pass
	836.5	6	0	20	3.6	-55.118	-0.0659	-2.5 to 2.5	Pass
					3.84	-64.516	-0.0771	-2.5 to 2.5	Pass
					4.25	-74.701	-0.0893	-2.5 to 2.5	Pass
				-30	3.84	-81.511	-0.0974	-2.5 to 2.5	Pass
				-20	3.84	-87.948	-0.1051	-2.5 to 2.5	Pass
				-10	3.84	-95.057	-0.1136	-2.5 to 2.5	Pass
				0	3.84	-101.252	-0.1210	-2.5 to 2.5	Pass
				10	3.84	-4.306	-0.0051	-2.5 to 2.5	Pass
				30	3.84	-9.441	-0.0113	-2.5 to 2.5	Pass
				40	3.84	-13.547	-0.0162	-2.5 to 2.5	Pass
				50	3.84	-18.539	-0.0222	-2.5 to 2.5	Pass
	848.3	6	0	20	3.6	-16.022	-0.0189	-2.5 to 2.5	Pass
					3.84	-26.622	-0.0314	-2.5 to 2.5	Pass
					4.25	-36.592	-0.0431	-2.5 to 2.5	Pass
				-30	3.84	-43.516	-0.0513	-2.5 to 2.5	Pass
				-20	3.84	-50.011	-0.0590	-2.5 to 2.5	Pass
				-10	3.84	-54.874	-0.0647	-2.5 to 2.5	Pass
				0	3.84	-59.967	-0.0707	-2.5 to 2.5	Pass
				10	3.84	-64.173	-0.0756	-2.5 to 2.5	Pass
				30	3.84	-67.234	-0.0793	-2.5 to 2.5	Pass
				40	3.84	-70.868	-0.0835	-2.5 to 2.5	Pass
				50	3.84	-74.615	-0.0880	-2.5 to 2.5	Pass
	824.7	6	0	20	3.6	-45.619	-0.0553	-2.5 to 2.5	Pass
					3.84	-9.816	-0.0119	-2.5 to 2.5	Pass
					4.25	-70.110	-0.0850	-2.5 to 2.5	Pass
				-30	3.84	-19.049	-0.0231	-2.5 to 2.5	Pass
				-20	3.84	-79.581	-0.0965	-2.5 to 2.5	Pass
				-10	3.84	-29.298	-0.0355	-2.5 to 2.5	Pass
				0	3.84	-76.237	-0.0924	-2.5 to 2.5	Pass
				10	3.84	-18.286	-0.0222	-2.5 to 2.5	Pass
				30	3.84	-60.573	-0.0734	-2.5 to 2.5	Pass
				40	3.84	-79.957	-0.0970	-2.5 to 2.5	Pass
				50	3.84	-36.345	-0.0441	-2.5 to 2.5	Pass
	836.5	6	0	20	3.6	-10.004	-0.0120	-2.5 to 2.5	Pass
					3.84	-30.166	-0.0361	-2.5 to 2.5	Pass
					4.25	-39.945	-0.0478	-2.5 to 2.5	Pass
				-30	3.84	-50.572	-0.0605	-2.5 to 2.5	Pass
				-20	3.84	-61.092	-0.0730	-2.5 to 2.5	Pass
				-10	3.84	-70.562	-0.0844	-2.5 to 2.5	Pass
				0	3.84	-80.850	-0.0967	-2.5 to 2.5	Pass
				10	3.84	-92.303	-0.1103	-2.5 to 2.5	Pass
				30	3.84	-103.772	-0.1241	-2.5 to 2.5	Pass
				40	3.84	-13.446	-0.0161	-2.5 to 2.5	Pass
				50	3.84	-22.211	-0.0266	-2.5 to 2.5	Pass



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	848.3	6	0	20	3.6	-2.572	-0.0030	-2.5 to 2.5	Pass
					3.84	-9.965	-0.0117	-2.5 to 2.5	Pass
					4.25	-14.716	-0.0173	-2.5 to 2.5	Pass
				-30	3.84	-20.651	-0.0243	-2.5 to 2.5	Pass
				-20	3.84	-28.834	-0.0340	-2.5 to 2.5	Pass
				-10	3.84	-36.899	-0.0435	-2.5 to 2.5	Pass
				0	3.84	-45.078	-0.0531	-2.5 to 2.5	Pass
				10	3.84	-53.797	-0.0634	-2.5 to 2.5	Pass
				30	3.84	-63.584	-0.0750	-2.5 to 2.5	Pass
				40	3.84	-72.041	-0.0849	-2.5 to 2.5	Pass
				50	3.84	-79.195	-0.0934	-2.5 to 2.5	Pass
256QAM	824.7	6	0	20	3.6	-75.028	-0.0910	-2.5 to 2.5	Pass
					3.84	-7.651	-0.0093	-2.5 to 2.5	Pass
					4.25	-37.141	-0.0450	-2.5 to 2.5	Pass
				-30	3.84	-58.617	-0.0711	-2.5 to 2.5	Pass
				-20	3.84	-79.965	-0.0970	-2.5 to 2.5	Pass
				-10	3.84	-98.605	-0.1196	-2.5 to 2.5	Pass
				0	3.84	-13.887	-0.0168	-2.5 to 2.5	Pass
				10	3.84	-28.855	-0.0350	-2.5 to 2.5	Pass
				30	3.84	-42.592	-0.0516	-2.5 to 2.5	Pass
				40	3.84	-52.987	-0.0643	-2.5 to 2.5	Pass
				50	3.84	-65.954	-0.0800	-2.5 to 2.5	Pass
				836.5	6	0	20	3.6	-32.975
	3.84	-39.707	-0.0475					-2.5 to 2.5	Pass
	4.25	-43.766	-0.0523					-2.5 to 2.5	Pass
	-30	3.84	-44.737				-0.0535	-2.5 to 2.5	Pass
	-20	3.84	-46.455				-0.0555	-2.5 to 2.5	Pass
	-10	3.84	-47.104				-0.0563	-2.5 to 2.5	Pass
	0	3.84	-48.079				-0.0575	-2.5 to 2.5	Pass
	10	3.84	-48.011				-0.0574	-2.5 to 2.5	Pass
	30	3.84	-49.600				-0.0593	-2.5 to 2.5	Pass
	40	3.84	-49.831				-0.0596	-2.5 to 2.5	Pass
	50	3.84	-50.647				-0.0605	-2.5 to 2.5	Pass
	848.3	6	0				20	3.6	-88.425
				3.84	-94.213	-0.1111		-2.5 to 2.5	Pass
				4.25	-97.100	-0.1145		-2.5 to 2.5	Pass
				-30	3.84	-97.505	-0.1149	-2.5 to 2.5	Pass
				-20	3.84	-96.743	-0.1140	-2.5 to 2.5	Pass
				-10	3.84	-96.219	-0.1134	-2.5 to 2.5	Pass
				0	3.84	-96.313	-0.1135	-2.5 to 2.5	Pass
				10	3.84	-95.706	-0.1128	-2.5 to 2.5	Pass
				30	3.84	-94.942	-0.1119	-2.5 to 2.5	Pass
				40	3.84	-92.880	-0.1095	-2.5 to 2.5	Pass
				50	3.84	-92.935	-0.1096	-2.5 to 2.5	Pass



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2.2 B5_3MHz

2.2.1 Test Result

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.6	20.428	0.0247	-2.5 to 2.5	Pass
					3.84	24.033	0.0291	-2.5 to 2.5	Pass
					4.25	24.490	0.0297	-2.5 to 2.5	Pass
				-30	3.84	21.644	0.0262	-2.5 to 2.5	Pass
				-20	3.84	14.906	0.0181	-2.5 to 2.5	Pass
				-10	3.84	5.693	0.0069	-2.5 to 2.5	Pass
				0	3.84	-4.706	-0.0057	-2.5 to 2.5	Pass
				10	3.84	-17.052	-0.0207	-2.5 to 2.5	Pass
				30	3.84	-29.440	-0.0357	-2.5 to 2.5	Pass
				40	3.84	-39.482	-0.0478	-2.5 to 2.5	Pass
				50	3.84	-51.842	-0.0628	-2.5 to 2.5	Pass
	836.5	15	0	20	3.6	-6.137	-0.0073	-2.5 to 2.5	Pass
					3.84	-9.613	-0.0115	-2.5 to 2.5	Pass
					4.25	-12.674	-0.0152	-2.5 to 2.5	Pass
				-30	3.84	-15.049	-0.0180	-2.5 to 2.5	Pass
				-20	3.84	-16.580	-0.0198	-2.5 to 2.5	Pass
				-10	3.84	-20.027	-0.0239	-2.5 to 2.5	Pass
				0	3.84	-22.273	-0.0266	-2.5 to 2.5	Pass
				10	3.84	-25.806	-0.0308	-2.5 to 2.5	Pass
				30	3.84	-29.826	-0.0357	-2.5 to 2.5	Pass
				40	3.84	-32.787	-0.0392	-2.5 to 2.5	Pass
				50	3.84	-37.065	-0.0443	-2.5 to 2.5	Pass
	847.5	15	0	20	3.6	-0.858	-0.0010	-2.5 to 2.5	Pass
					3.84	-1.774	-0.0021	-2.5 to 2.5	Pass
					4.25	-4.106	-0.0048	-2.5 to 2.5	Pass
				-30	3.84	-6.280	-0.0074	-2.5 to 2.5	Pass
				-20	3.84	-11.072	-0.0131	-2.5 to 2.5	Pass
				-10	3.84	-16.737	-0.0197	-2.5 to 2.5	Pass
				0	3.84	-23.260	-0.0274	-2.5 to 2.5	Pass
				10	3.84	-30.713	-0.0362	-2.5 to 2.5	Pass
				30	3.84	-38.853	-0.0458	-2.5 to 2.5	Pass
				40	3.84	-44.546	-0.0526	-2.5 to 2.5	Pass
				50	3.84	-50.526	-0.0596	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.6	-67.248	-0.0815	-2.5 to 2.5	Pass
					3.84	-77.519	-0.0939	-2.5 to 2.5	Pass
					4.25	-84.844	-0.1028	-2.5 to 2.5	Pass
				-30	3.84	-91.696	-0.1111	-2.5 to 2.5	Pass
				-20	3.84	-97.446	-0.1180	-2.5 to 2.5	Pass
				-10	3.84	-1.345	-0.0016	-2.5 to 2.5	Pass
				0	3.84	-7.653	-0.0093	-2.5 to 2.5	Pass
				10	3.84	-11.902	-0.0144	-2.5 to 2.5	Pass



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	836.5	15	0	30	3.84	-15.507	-0.0188	-2.5 to 2.5	Pass	
					40	3.84	-19.398	-0.0235	-2.5 to 2.5	Pass
					50	3.84	-22.759	-0.0276	-2.5 to 2.5	Pass
				20	3.6	-41.256	-0.0493	-2.5 to 2.5	Pass	
					3.84	-44.446	-0.0531	-2.5 to 2.5	Pass	
					4.25	-47.693	-0.0570	-2.5 to 2.5	Pass	
				-30	3.84	-48.909	-0.0585	-2.5 to 2.5	Pass	
				-20	3.84	-49.953	-0.0597	-2.5 to 2.5	Pass	
				-10	3.84	-49.338	-0.0590	-2.5 to 2.5	Pass	
				0	3.84	-48.294	-0.0577	-2.5 to 2.5	Pass	
				10	3.84	-47.450	-0.0567	-2.5 to 2.5	Pass	
				30	3.84	-46.778	-0.0559	-2.5 to 2.5	Pass	
	40	3.84	-45.376	-0.0542	-2.5 to 2.5	Pass				
	50	3.84	-44.789	-0.0535	-2.5 to 2.5	Pass				
	847.5	15	0	20	3.6	-57.163	-0.0674	-2.5 to 2.5	Pass	
					3.84	-63.400	-0.0748	-2.5 to 2.5	Pass	
					4.25	-70.353	-0.0830	-2.5 to 2.5	Pass	
				-30	3.84	-76.432	-0.0902	-2.5 to 2.5	Pass	
				-20	3.84	-79.136	-0.0934	-2.5 to 2.5	Pass	
				-10	3.84	-80.466	-0.0949	-2.5 to 2.5	Pass	
				0	3.84	-81.482	-0.0961	-2.5 to 2.5	Pass	
				10	3.84	-81.282	-0.0959	-2.5 to 2.5	Pass	
				30	3.84	-83.013	-0.0980	-2.5 to 2.5	Pass	
				40	3.84	-87.891	-0.1037	-2.5 to 2.5	Pass	
50				3.84	-89.822	-0.1060	-2.5 to 2.5	Pass		
64QAM				825.5	15	0	20	3.6	15.419	0.0187
	3.84	16.235	0.0197					-2.5 to 2.5	Pass	
	4.25	14.792	0.0179					-2.5 to 2.5	Pass	
	-30	3.84	11.271				0.0137	-2.5 to 2.5	Pass	
	-20	3.84	5.068				0.0061	-2.5 to 2.5	Pass	
	-10	3.84	-4.958				-0.0060	-2.5 to 2.5	Pass	
	0	3.84	-17.183				-0.0208	-2.5 to 2.5	Pass	
	10	3.84	-27.130				-0.0329	-2.5 to 2.5	Pass	
	30	3.84	-39.889				-0.0483	-2.5 to 2.5	Pass	
	40	3.84	-52.029				-0.0630	-2.5 to 2.5	Pass	
	50	3.84	-63.840				-0.0773	-2.5 to 2.5	Pass	
	836.5	15	0				20	3.6	-1.937	-0.0023
				3.84	-6.437	-0.0077		-2.5 to 2.5	Pass	
				4.25	-8.751	-0.0105		-2.5 to 2.5	Pass	
				-30	3.84	-12.165	-0.0145	-2.5 to 2.5	Pass	
				-20	3.84	-15.245	-0.0182	-2.5 to 2.5	Pass	
				-10	3.84	-18.312	-0.0219	-2.5 to 2.5	Pass	
				0	3.84	-22.512	-0.0269	-2.5 to 2.5	Pass	
				10	3.84	-27.082	-0.0324	-2.5 to 2.5	Pass	
				30	3.84	-31.298	-0.0374	-2.5 to 2.5	Pass	
				40	3.84	-36.978	-0.0442	-2.5 to 2.5	Pass	
				50	3.84	-42.087	-0.0503	-2.5 to 2.5	Pass	
				847.5	15	0	20	3.6	-1.475	-0.0017
	3.84	1.711	0.0020					-2.5 to 2.5	Pass	



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					4.25	7.084	0.0084	-2.5 to 2.5	Pass
				-30	3.84	8.536	0.0101	-2.5 to 2.5	Pass
				-20	3.84	5.584	0.0066	-2.5 to 2.5	Pass
				-10	3.84	2.403	0.0028	-2.5 to 2.5	Pass
				0	3.84	-1.994	-0.0024	-2.5 to 2.5	Pass
				10	3.84	-6.908	-0.0082	-2.5 to 2.5	Pass
				30	3.84	-11.088	-0.0131	-2.5 to 2.5	Pass
				40	3.84	-16.963	-0.0200	-2.5 to 2.5	Pass
				50	3.84	-22.434	-0.0265	-2.5 to 2.5	Pass
256QAM	825.5	15	0	20	3.6	-76.918	-0.0932	-2.5 to 2.5	Pass
					3.84	-83.772	-0.1015	-2.5 to 2.5	Pass
					4.25	-87.948	-0.1065	-2.5 to 2.5	Pass
				-30	3.84	-91.967	-0.1114	-2.5 to 2.5	Pass
				-20	3.84	-92.183	-0.1117	-2.5 to 2.5	Pass
				-10	3.84	-92.431	-0.1120	-2.5 to 2.5	Pass
				0	3.84	-91.324	-0.1106	-2.5 to 2.5	Pass
				10	3.84	-90.270	-0.1094	-2.5 to 2.5	Pass
				30	3.84	-90.310	-0.1094	-2.5 to 2.5	Pass
	40	3.84	-89.719	-0.1087	-2.5 to 2.5	Pass			
	50	3.84	-88.687	-0.1074	-2.5 to 2.5	Pass			
	836.5	15	0	20	3.6	-47.619	-0.0569	-2.5 to 2.5	Pass
					3.84	-55.285	-0.0661	-2.5 to 2.5	Pass
					4.25	-61.901	-0.0740	-2.5 to 2.5	Pass
				-30	3.84	-65.039	-0.0778	-2.5 to 2.5	Pass
				-20	3.84	-66.502	-0.0795	-2.5 to 2.5	Pass
				-10	3.84	-65.423	-0.0782	-2.5 to 2.5	Pass
				0	3.84	-66.586	-0.0796	-2.5 to 2.5	Pass
				10	3.84	-67.576	-0.0808	-2.5 to 2.5	Pass
				30	3.84	-66.403	-0.0794	-2.5 to 2.5	Pass
	40	3.84	-65.165	-0.0779	-2.5 to 2.5	Pass			
	50	3.84	-64.076	-0.0766	-2.5 to 2.5	Pass			
	847.5	15	0	20	3.6	-28.100	-0.0332	-2.5 to 2.5	Pass
					3.84	-28.734	-0.0339	-2.5 to 2.5	Pass
					4.25	-27.585	-0.0325	-2.5 to 2.5	Pass
				-30	3.84	-24.098	-0.0284	-2.5 to 2.5	Pass
				-20	3.84	-20.418	-0.0241	-2.5 to 2.5	Pass
-10				3.84	-15.469	-0.0183	-2.5 to 2.5	Pass	
0				3.84	-11.264	-0.0133	-2.5 to 2.5	Pass	
10				3.84	-7.343	-0.0087	-2.5 to 2.5	Pass	
30				3.84	-4.252	-0.0050	-2.5 to 2.5	Pass	
40	3.84	-0.365	-0.0004	-2.5 to 2.5	Pass				
50	3.84	2.288	0.0027	-2.5 to 2.5	Pass				



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2.3 B5_5MHz

2.3.1 Test Result

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.6	30.069	0.0364	-2.5 to 2.5	Pass
					3.84	36.192	0.0438	-2.5 to 2.5	Pass
					4.25	37.336	0.0452	-2.5 to 2.5	Pass
				-30	3.84	36.993	0.0448	-2.5 to 2.5	Pass
				-20	3.84	33.503	0.0405	-2.5 to 2.5	Pass
				-10	3.84	27.909	0.0338	-2.5 to 2.5	Pass
				0	3.84	21.257	0.0257	-2.5 to 2.5	Pass
				10	3.84	11.058	0.0134	-2.5 to 2.5	Pass
				30	3.84	0.858	0.0010	-2.5 to 2.5	Pass
				40	3.84	-7.939	-0.0096	-2.5 to 2.5	Pass
				50	3.84	-16.809	-0.0203	-2.5 to 2.5	Pass
	836.5	25	0	20	3.6	3.090	0.0037	-2.5 to 2.5	Pass
					3.84	0.601	0.0007	-2.5 to 2.5	Pass
					4.25	0.157	0.0002	-2.5 to 2.5	Pass
				-30	3.84	-0.129	-0.0002	-2.5 to 2.5	Pass
				-20	3.84	-0.587	-0.0007	-2.5 to 2.5	Pass
				-10	3.84	-1.888	-0.0023	-2.5 to 2.5	Pass
				0	3.84	-3.562	-0.0043	-2.5 to 2.5	Pass
				10	3.84	-5.350	-0.0064	-2.5 to 2.5	Pass
				30	3.84	-7.954	-0.0095	-2.5 to 2.5	Pass
				40	3.84	-11.430	-0.0137	-2.5 to 2.5	Pass
				50	3.84	-14.491	-0.0173	-2.5 to 2.5	Pass
	846.5	25	0	20	3.6	-0.286	-0.0003	-2.5 to 2.5	Pass
					3.84	-0.544	-0.0006	-2.5 to 2.5	Pass
					4.25	-0.715	-0.0008	-2.5 to 2.5	Pass
				-30	3.84	-2.589	-0.0031	-2.5 to 2.5	Pass
				-20	3.84	-6.037	-0.0071	-2.5 to 2.5	Pass
				-10	3.84	-10.500	-0.0124	-2.5 to 2.5	Pass
				0	3.84	-16.437	-0.0194	-2.5 to 2.5	Pass
				10	3.84	-22.960	-0.0271	-2.5 to 2.5	Pass
				30	3.84	-28.067	-0.0332	-2.5 to 2.5	Pass
				40	3.84	-34.618	-0.0409	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.6	-26.693	-0.0323	-2.5 to 2.5	Pass
					3.84	-34.418	-0.0416	-2.5 to 2.5	Pass
					4.25	-41.885	-0.0507	-2.5 to 2.5	Pass
				-30	3.84	-48.938	-0.0592	-2.5 to 2.5	Pass
				-20	3.84	-53.201	-0.0644	-2.5 to 2.5	Pass
				-10	3.84	-58.422	-0.0707	-2.5 to 2.5	Pass
				0	3.84	-60.897	-0.0737	-2.5 to 2.5	Pass
				10	3.84	-62.985	-0.0762	-2.5 to 2.5	Pass



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	836.5	25	0	30	3.84	-65.432	-0.0792	-2.5 to 2.5	Pass	
					40	3.84	-68.049	-0.0823	-2.5 to 2.5	Pass
					50	3.84	-69.537	-0.0841	-2.5 to 2.5	Pass
				20	3.6	-17.323	-0.0207	-2.5 to 2.5	Pass	
					3.84	-19.083	-0.0228	-2.5 to 2.5	Pass	
					4.25	-19.884	-0.0238	-2.5 to 2.5	Pass	
				-30	3.84	-19.012	-0.0227	-2.5 to 2.5	Pass	
				-20	3.84	-17.982	-0.0215	-2.5 to 2.5	Pass	
				-10	3.84	-17.753	-0.0212	-2.5 to 2.5	Pass	
				0	3.84	-15.278	-0.0183	-2.5 to 2.5	Pass	
				10	3.84	-13.947	-0.0167	-2.5 to 2.5	Pass	
				30	3.84	-12.145	-0.0145	-2.5 to 2.5	Pass	
	40	3.84	-10.328	-0.0123	-2.5 to 2.5	Pass				
	50	3.84	-8.798	-0.0105	-2.5 to 2.5	Pass				
	846.5	25	0	20	3.6	-48.237	-0.0570	-2.5 to 2.5	Pass	
					3.84	-52.528	-0.0621	-2.5 to 2.5	Pass	
					4.25	-56.119	-0.0663	-2.5 to 2.5	Pass	
				-30	3.84	-58.079	-0.0686	-2.5 to 2.5	Pass	
				-20	3.84	-60.368	-0.0713	-2.5 to 2.5	Pass	
				-10	3.84	-60.010	-0.0709	-2.5 to 2.5	Pass	
				0	3.84	-61.569	-0.0727	-2.5 to 2.5	Pass	
				10	3.84	-60.897	-0.0719	-2.5 to 2.5	Pass	
				30	3.84	-61.369	-0.0725	-2.5 to 2.5	Pass	
				40	3.84	-60.868	-0.0719	-2.5 to 2.5	Pass	
50				3.84	-60.482	-0.0714	-2.5 to 2.5	Pass		
64QAM				826.5	25	0	20	3.6	14.315	0.0173
	3.84	16.407	0.0199					-2.5 to 2.5	Pass	
	4.25	16.003	0.0194					-2.5 to 2.5	Pass	
	-30	3.84	11.767				0.0142	-2.5 to 2.5	Pass	
	-20	3.84	3.551				0.0043	-2.5 to 2.5	Pass	
	-10	3.84	-8.361				-0.0101	-2.5 to 2.5	Pass	
	0	3.84	-17.770				-0.0215	-2.5 to 2.5	Pass	
	10	3.84	-26.490				-0.0321	-2.5 to 2.5	Pass	
	30	3.84	-37.674				-0.0456	-2.5 to 2.5	Pass	
	40	3.84	-47.227				-0.0571	-2.5 to 2.5	Pass	
	50	3.84	-57.492				-0.0696	-2.5 to 2.5	Pass	
	836.5	25	0				20	3.6	-13.152	-0.0157
				3.84	-17.252	-0.0206		-2.5 to 2.5	Pass	
				4.25	-19.033	-0.0228		-2.5 to 2.5	Pass	
				-30	3.84	-21.214	-0.0254	-2.5 to 2.5	Pass	
				-20	3.84	-23.281	-0.0278	-2.5 to 2.5	Pass	
				-10	3.84	-25.819	-0.0309	-2.5 to 2.5	Pass	
				0	3.84	-29.017	-0.0347	-2.5 to 2.5	Pass	
				10	3.84	-32.497	-0.0388	-2.5 to 2.5	Pass	
				30	3.84	-35.698	-0.0427	-2.5 to 2.5	Pass	
				40	3.84	-38.958	-0.0466	-2.5 to 2.5	Pass	
				50	3.84	-40.750	-0.0487	-2.5 to 2.5	Pass	
				846.5	25	0	20	3.6	0.661	0.0008
					3.84	-2.116	-0.0025	-2.5 to 2.5	Pass	



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256QAM	826.5	25	0		4.25	-3.002	-0.0035	-2.5 to 2.5	Pass
				-30	3.84	-5.973	-0.0071	-2.5 to 2.5	Pass
				-20	3.84	-9.752	-0.0115	-2.5 to 2.5	Pass
				-10	3.84	-14.686	-0.0173	-2.5 to 2.5	Pass
				0	3.84	-21.338	-0.0252	-2.5 to 2.5	Pass
				10	3.84	-28.255	-0.0334	-2.5 to 2.5	Pass
				30	3.84	-34.226	-0.0404	-2.5 to 2.5	Pass
				40	3.84	-40.910	-0.0483	-2.5 to 2.5	Pass
				50	3.84	-46.767	-0.0552	-2.5 to 2.5	Pass
				20	3.6	-66.502	-0.0805	-2.5 to 2.5	Pass
256QAM	836.5	25	0		3.84	-73.183	-0.0885	-2.5 to 2.5	Pass
					4.25	-75.734	-0.0916	-2.5 to 2.5	Pass
				-30	3.84	-76.742	-0.0929	-2.5 to 2.5	Pass
				-20	3.84	-75.899	-0.0918	-2.5 to 2.5	Pass
				-10	3.84	-74.285	-0.0899	-2.5 to 2.5	Pass
				0	3.84	-73.172	-0.0885	-2.5 to 2.5	Pass
				10	3.84	-71.119	-0.0860	-2.5 to 2.5	Pass
				30	3.84	-69.358	-0.0839	-2.5 to 2.5	Pass
				40	3.84	-68.419	-0.0828	-2.5 to 2.5	Pass
				50	3.84	-67.485	-0.0817	-2.5 to 2.5	Pass
	846.5	25	0	20	3.6	-43.975	-0.0526	-2.5 to 2.5	Pass
					3.84	-43.657	-0.0522	-2.5 to 2.5	Pass
					4.25	-42.202	-0.0505	-2.5 to 2.5	Pass
				-30	3.84	-38.912	-0.0465	-2.5 to 2.5	Pass
				-20	3.84	-34.688	-0.0415	-2.5 to 2.5	Pass
				-10	3.84	-29.755	-0.0356	-2.5 to 2.5	Pass
				0	3.84	-24.304	-0.0291	-2.5 to 2.5	Pass
				10	3.84	-18.849	-0.0225	-2.5 to 2.5	Pass
				30	3.84	-14.314	-0.0171	-2.5 to 2.5	Pass
				40	3.84	-9.104	-0.0109	-2.5 to 2.5	Pass
256QAM	846.5	25	0	50	3.84	-6.077	-0.0073	-2.5 to 2.5	Pass
				20	3.6	-52.147	-0.0616	-2.5 to 2.5	Pass
					3.84	-54.277	-0.0641	-2.5 to 2.5	Pass
					4.25	-53.416	-0.0631	-2.5 to 2.5	Pass
				-30	3.84	-51.371	-0.0607	-2.5 to 2.5	Pass
				-20	3.84	-47.863	-0.0565	-2.5 to 2.5	Pass
				-10	3.84	-45.107	-0.0533	-2.5 to 2.5	Pass
				0	3.84	-41.414	-0.0489	-2.5 to 2.5	Pass
				10	3.84	-38.038	-0.0449	-2.5 to 2.5	Pass
				30	3.84	-35.504	-0.0419	-2.5 to 2.5	Pass
256QAM	846.5	25	0	40	3.84	-31.939	-0.0377	-2.5 to 2.5	Pass
				50	3.84	-29.064	-0.0343	-2.5 to 2.5	Pass



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2.4 B5_10MHz

2.4.1 Test Result

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.6	23.446	0.0283	-2.5 to 2.5	Pass
					3.84	30.999	0.0374	-2.5 to 2.5	Pass
					4.25	33.045	0.0399	-2.5 to 2.5	Pass
				-30	3.84	29.855	0.0360	-2.5 to 2.5	Pass
				-20	3.84	21.729	0.0262	-2.5 to 2.5	Pass
				-10	3.84	10.586	0.0128	-2.5 to 2.5	Pass
				0	3.84	0.200	0.0002	-2.5 to 2.5	Pass
				10	3.84	-9.713	-0.0117	-2.5 to 2.5	Pass
				30	3.84	-19.541	-0.0236	-2.5 to 2.5	Pass
				40	3.84	-30.785	-0.0371	-2.5 to 2.5	Pass
				50	3.84	-40.770	-0.0492	-2.5 to 2.5	Pass
	836.5	50	0	20	3.6	-2.189	-0.0026	-2.5 to 2.5	Pass
					3.84	-4.520	-0.0054	-2.5 to 2.5	Pass
					4.25	-3.691	-0.0044	-2.5 to 2.5	Pass
				-30	3.84	-5.436	-0.0065	-2.5 to 2.5	Pass
				-20	3.84	-10.071	-0.0120	-2.5 to 2.5	Pass
				-10	3.84	-14.362	-0.0172	-2.5 to 2.5	Pass
				0	3.84	-20.142	-0.0241	-2.5 to 2.5	Pass
				10	3.84	-26.779	-0.0320	-2.5 to 2.5	Pass
				30	3.84	-31.357	-0.0375	-2.5 to 2.5	Pass
				40	3.84	-35.377	-0.0423	-2.5 to 2.5	Pass
				50	3.84	-40.197	-0.0481	-2.5 to 2.5	Pass
	844	50	0	20	3.6	-1.416	-0.0017	-2.5 to 2.5	Pass
					3.84	-3.304	-0.0039	-2.5 to 2.5	Pass
					4.25	-6.495	-0.0077	-2.5 to 2.5	Pass
				-30	3.84	-11.144	-0.0132	-2.5 to 2.5	Pass
				-20	3.84	-18.325	-0.0217	-2.5 to 2.5	Pass
				-10	3.84	-25.291	-0.0300	-2.5 to 2.5	Pass
				0	3.84	-35.534	-0.0421	-2.5 to 2.5	Pass
				10	3.84	-44.689	-0.0529	-2.5 to 2.5	Pass
				30	3.84	-53.415	-0.0633	-2.5 to 2.5	Pass
				40	3.84	-61.197	-0.0725	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.6	-52.142	-0.0629	-2.5 to 2.5	Pass
					3.84	-59.867	-0.0722	-2.5 to 2.5	Pass
					4.25	-63.772	-0.0769	-2.5 to 2.5	Pass
				-30	3.84	-66.919	-0.0807	-2.5 to 2.5	Pass
				-20	3.84	-66.977	-0.0808	-2.5 to 2.5	Pass
				-10	3.84	-68.407	-0.0825	-2.5 to 2.5	Pass
				0	3.84	-68.851	-0.0831	-2.5 to 2.5	Pass
				10	3.84	-68.121	-0.0822	-2.5 to 2.5	Pass



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				30	3.84	-67.720	-0.0817	-2.5 to 2.5	Pass
				40	3.84	-67.821	-0.0818	-2.5 to 2.5	Pass
				50	3.84	-68.007	-0.0820	-2.5 to 2.5	Pass
836.5	50	0	20	3.6	-44.274	-0.0529	-2.5 to 2.5	Pass	Pass
				3.84	-46.420	-0.0555	-2.5 to 2.5	Pass	Pass
				4.25	-46.792	-0.0559	-2.5 to 2.5	Pass	Pass
			-30	3.84	-44.703	-0.0534	-2.5 to 2.5	Pass	Pass
				-20	3.84	-42.243	-0.0505	-2.5 to 2.5	Pass
				-10	3.84	-38.037	-0.0455	-2.5 to 2.5	Pass
			0	3.84	-34.976	-0.0418	-2.5 to 2.5	Pass	Pass
				10	3.84	-32.930	-0.0394	-2.5 to 2.5	Pass
				30	3.84	-30.770	-0.0368	-2.5 to 2.5	Pass
			40	3.84	-28.868	-0.0345	-2.5 to 2.5	Pass	Pass
				50	3.84	-26.321	-0.0315	-2.5 to 2.5	Pass
			20	3.6	-76.733	-0.0909	-2.5 to 2.5	Pass	Pass
				3.84	-80.953	-0.0959	-2.5 to 2.5	Pass	Pass
				4.25	-83.013	-0.0984	-2.5 to 2.5	Pass	Pass
844	50	0	-30	3.84	-82.798	-0.0981	-2.5 to 2.5	Pass	Pass
				-20	3.84	-81.038	-0.0960	-2.5 to 2.5	Pass
				-10	3.84	-79.222	-0.0939	-2.5 to 2.5	Pass
			0	3.84	-78.192	-0.0926	-2.5 to 2.5	Pass	Pass
				10	3.84	-76.089	-0.0902	-2.5 to 2.5	Pass
				30	3.84	-75.974	-0.0900	-2.5 to 2.5	Pass
			40	3.84	-74.658	-0.0885	-2.5 to 2.5	Pass	Pass
				50	3.84	-73.628	-0.0872	-2.5 to 2.5	Pass
64QAM	829	50	20	3.6	23.911	0.0288	-2.5 to 2.5	Pass	Pass
				3.84	26.775	0.0323	-2.5 to 2.5	Pass	Pass
				4.25	27.434	0.0331	-2.5 to 2.5	Pass	Pass
			-30	3.84	24.039	0.0290	-2.5 to 2.5	Pass	Pass
				-20	3.84	19.320	0.0233	-2.5 to 2.5	Pass
				-10	3.84	10.805	0.0130	-2.5 to 2.5	Pass
			0	3.84	2.691	0.0032	-2.5 to 2.5	Pass	Pass
				10	3.84	-6.508	-0.0079	-2.5 to 2.5	Pass
				30	3.84	-14.607	-0.0176	-2.5 to 2.5	Pass
			40	3.84	-21.161	-0.0255	-2.5 to 2.5	Pass	Pass
				50	3.84	-29.098	-0.0351	-2.5 to 2.5	Pass
	836.5	50	20	3.6	-2.507	-0.0030	-2.5 to 2.5	Pass	Pass
				3.84	-4.578	-0.0055	-2.5 to 2.5	Pass	Pass
				4.25	-5.288	-0.0063	-2.5 to 2.5	Pass	Pass
			-30	3.84	-7.563	-0.0090	-2.5 to 2.5	Pass	Pass
				-20	3.84	-10.497	-0.0125	-2.5 to 2.5	Pass
				-10	3.84	-15.065	-0.0180	-2.5 to 2.5	Pass
			0	3.84	-19.582	-0.0234	-2.5 to 2.5	Pass	Pass
				10	3.84	-23.861	-0.0285	-2.5 to 2.5	Pass
				30	3.84	-28.760	-0.0344	-2.5 to 2.5	Pass
			40	3.84	-32.327	-0.0386	-2.5 to 2.5	Pass	Pass
				50	3.84	-36.835	-0.0440	-2.5 to 2.5	Pass
	844	50	0	20	3.6	-1.692	-0.0020	-2.5 to 2.5	Pass
					3.84	-3.793	-0.0045	-2.5 to 2.5	Pass



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256QAM	829	50	0		4.25	-4.627	-0.0055	-2.5 to 2.5	Pass
				-30	3.84	-8.035	-0.0095	-2.5 to 2.5	Pass
				-20	3.84	-12.075	-0.0143	-2.5 to 2.5	Pass
				-10	3.84	-17.351	-0.0206	-2.5 to 2.5	Pass
				0	3.84	-24.162	-0.0286	-2.5 to 2.5	Pass
				10	3.84	-32.101	-0.0380	-2.5 to 2.5	Pass
				30	3.84	-38.004	-0.0450	-2.5 to 2.5	Pass
				40	3.84	-43.307	-0.0513	-2.5 to 2.5	Pass
				50	3.84	-49.533	-0.0587	-2.5 to 2.5	Pass
				20	3.6	-37.673	-0.0454	-2.5 to 2.5	Pass
	836.5	50	0		3.84	-42.555	-0.0513	-2.5 to 2.5	Pass
					4.25	-44.272	-0.0534	-2.5 to 2.5	Pass
				-30	3.84	-43.863	-0.0529	-2.5 to 2.5	Pass
				-20	3.84	-42.370	-0.0511	-2.5 to 2.5	Pass
				-10	3.84	-40.130	-0.0484	-2.5 to 2.5	Pass
				0	3.84	-37.938	-0.0458	-2.5 to 2.5	Pass
				10	3.84	-35.960	-0.0434	-2.5 to 2.5	Pass
				30	3.84	-33.754	-0.0407	-2.5 to 2.5	Pass
				40	3.84	-30.652	-0.0370	-2.5 to 2.5	Pass
				50	3.84	-28.582	-0.0345	-2.5 to 2.5	Pass
	844	50	0	20	3.6	-41.117	-0.0492	-2.5 to 2.5	Pass
					3.84	-44.833	-0.0536	-2.5 to 2.5	Pass
					4.25	-44.055	-0.0527	-2.5 to 2.5	Pass
				-30	3.84	-41.267	-0.0493	-2.5 to 2.5	Pass
				-20	3.84	-39.007	-0.0466	-2.5 to 2.5	Pass
				-10	3.84	-33.430	-0.0400	-2.5 to 2.5	Pass
				0	3.84	-29.148	-0.0348	-2.5 to 2.5	Pass
				10	3.84	-23.983	-0.0287	-2.5 to 2.5	Pass
				30	3.84	-18.832	-0.0225	-2.5 to 2.5	Pass
				40	3.84	-14.604	-0.0175	-2.5 to 2.5	Pass
				50	3.84	-10.173	-0.0122	-2.5 to 2.5	Pass
				20	3.6	-55.035	-0.0652	-2.5 to 2.5	Pass
					3.84	-59.159	-0.0701	-2.5 to 2.5	Pass
					4.25	-58.764	-0.0696	-2.5 to 2.5	Pass
				-30	3.84	-57.534	-0.0682	-2.5 to 2.5	Pass
				-20	3.84	-54.344	-0.0644	-2.5 to 2.5	Pass
				-10	3.84	-50.315	-0.0596	-2.5 to 2.5	Pass
				0	3.84	-46.911	-0.0556	-2.5 to 2.5	Pass
				10	3.84	-42.928	-0.0509	-2.5 to 2.5	Pass
				30	3.84	-39.242	-0.0465	-2.5 to 2.5	Pass
				40	3.84	-35.744	-0.0424	-2.5 to 2.5	Pass
				50	3.84	-32.864	-0.0389	-2.5 to 2.5	Pass



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3. 99% & 26dB Bandwidth

3.1 Band5_OBW

3.1.1 Test Result

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.118	/	Pass
		836.5	6	0	1.115	/	Pass
		848.3	6	0	1.111	/	Pass
	16QAM	824.7	6	0	1.105	/	Pass
		836.5	6	0	1.111	/	Pass
		848.3	6	0	1.115	/	Pass
	64QAM	824.7	6	0	1.116	/	Pass
		836.5	6	0	1.108	/	Pass
		848.3	6	0	1.106	/	Pass
	256QAM	824.7	6	0	1.103	/	Pass
		836.5	6	0	1.115	/	Pass
		848.3	6	0	1.102	/	Pass
3	QPSK	825.5	15	0	2.750	/	Pass
		836.5	15	0	2.739	/	Pass
		847.5	15	0	2.734	/	Pass
	16QAM	825.5	15	0	2.733	/	Pass
		836.5	15	0	2.723	/	Pass
		847.5	15	0	2.735	/	Pass
	64QAM	825.5	15	0	2.725	/	Pass
		836.5	15	0	2.725	/	Pass
		847.5	15	0	2.724	/	Pass
	256QAM	825.5	15	0	2.737	/	Pass
		836.5	15	0	2.727	/	Pass
		847.5	15	0	2.724	/	Pass
5	QPSK	826.5	25	0	4.564	/	Pass
		836.5	25	0	4.540	/	Pass
		846.5	25	0	4.551	/	Pass
	16QAM	826.5	25	0	4.548	/	Pass
		836.5	25	0	4.544	/	Pass
		846.5	25	0	4.529	/	Pass
	64QAM	826.5	25	0	4.541	/	Pass
		836.5	25	0	4.533	/	Pass
		846.5	25	0	4.542	/	Pass
	256QAM	826.5	25	0	4.541	/	Pass
		836.5	25	0	4.552	/	Pass
		846.5	25	0	4.559	/	Pass
10	QPSK	829	50	0	9.067	/	Pass
		836.5	50	0	9.045	/	Pass
		844	50	0	9.040	/	Pass



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	16QAM	829	50	0	9.023	/	Pass
		836.5	50	0	9.031	/	Pass
		844	50	0	9.059	/	Pass
	64QAM	829	50	0	9.036	/	Pass
		836.5	50	0	9.034	/	Pass
		844	50	0	9.043	/	Pass
	256QAM	829	50	0	9.035	/	Pass
		836.5	50	0	9.077	/	Pass
		844	50	0	9.073	/	Pass



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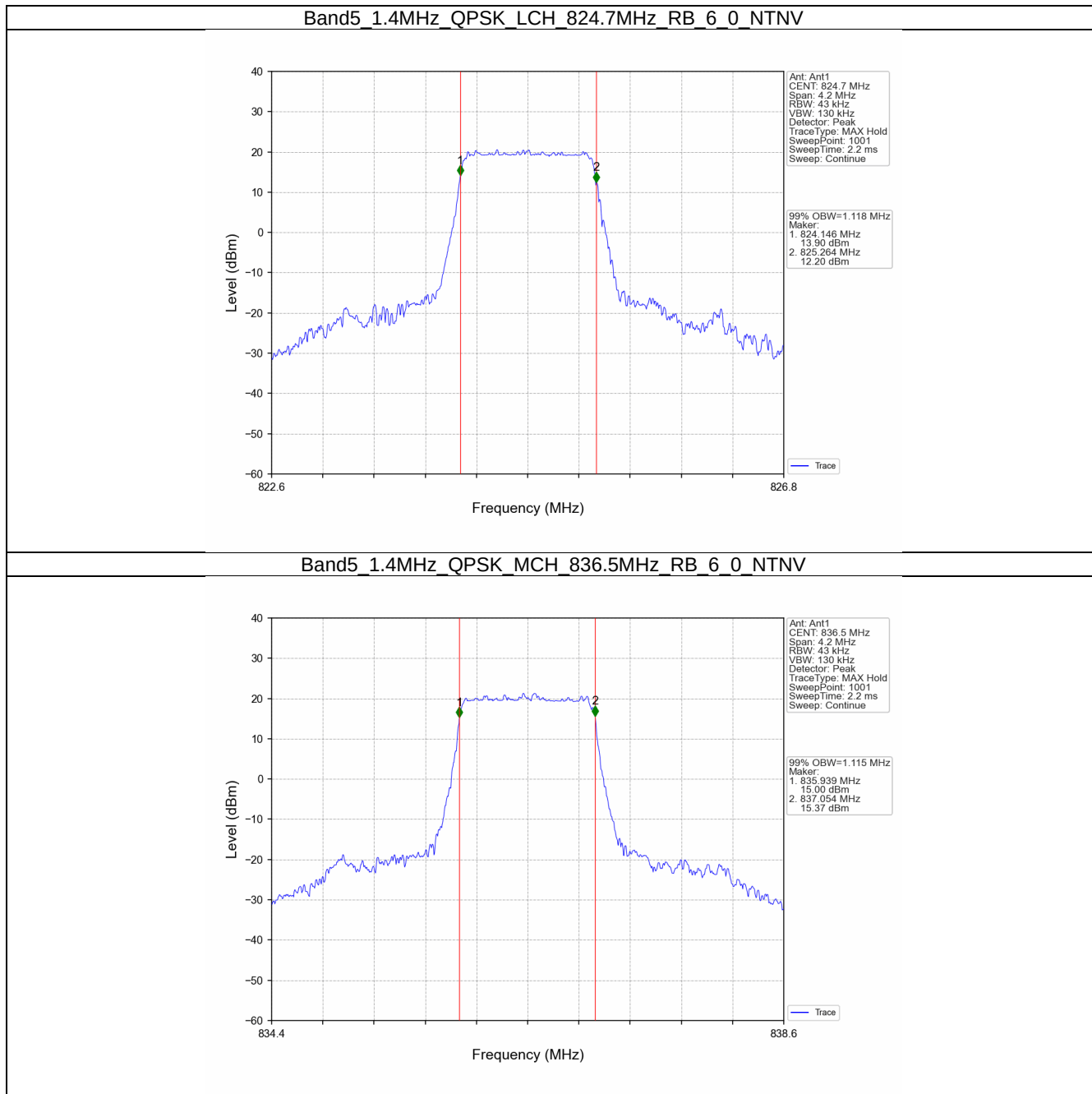
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3.1.2 Test Graph



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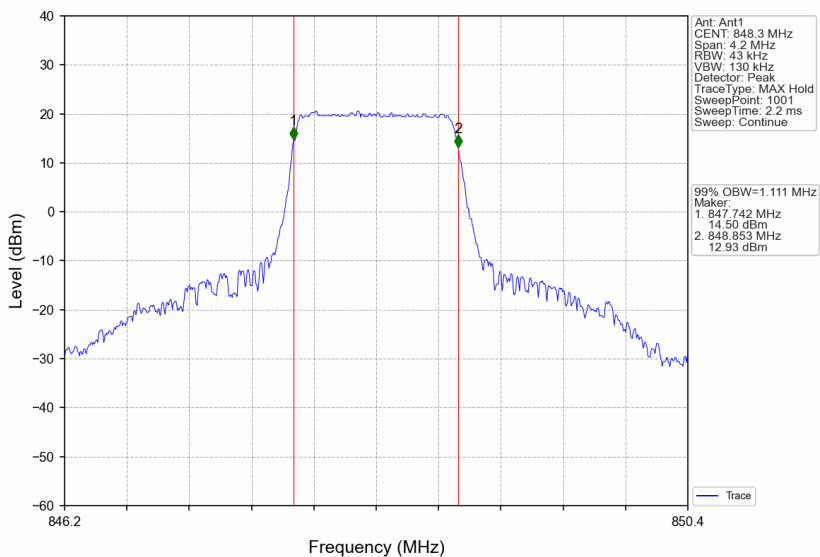
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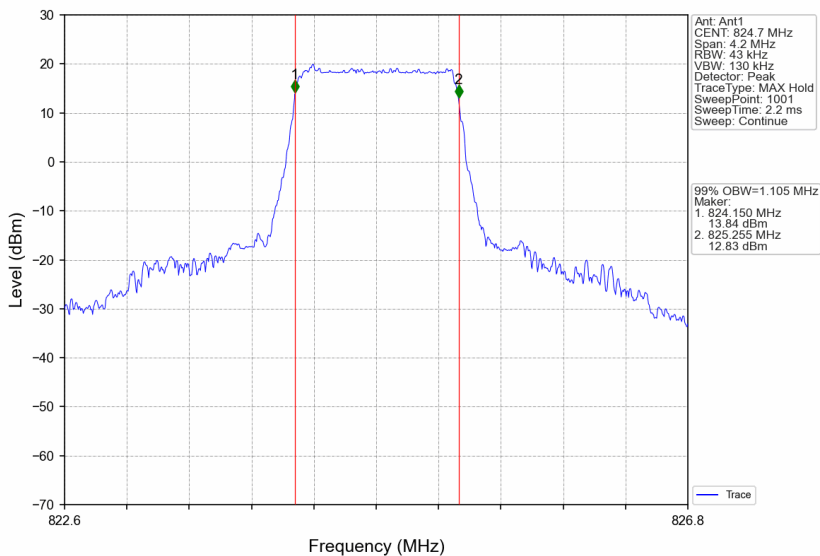
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Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



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



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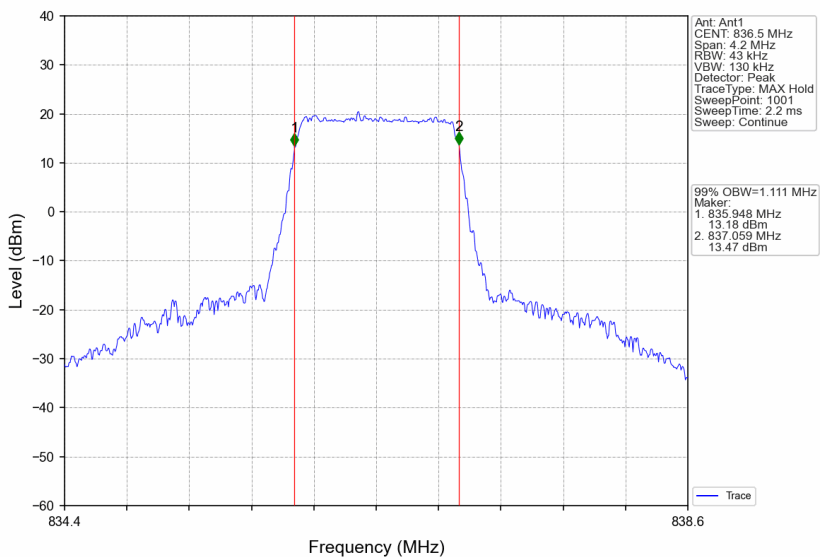
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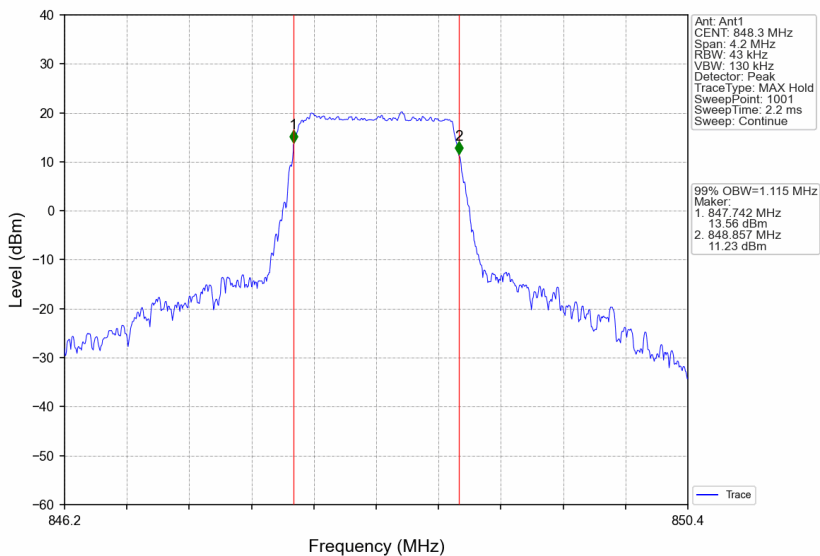
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Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



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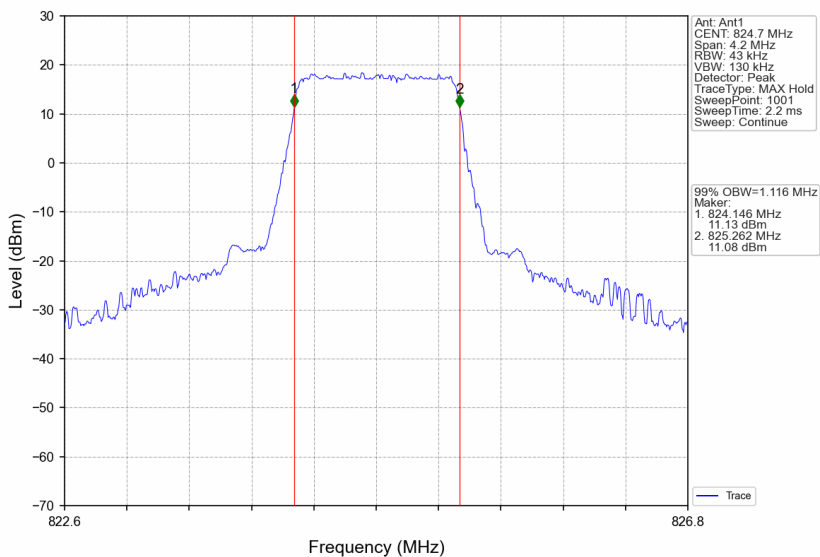
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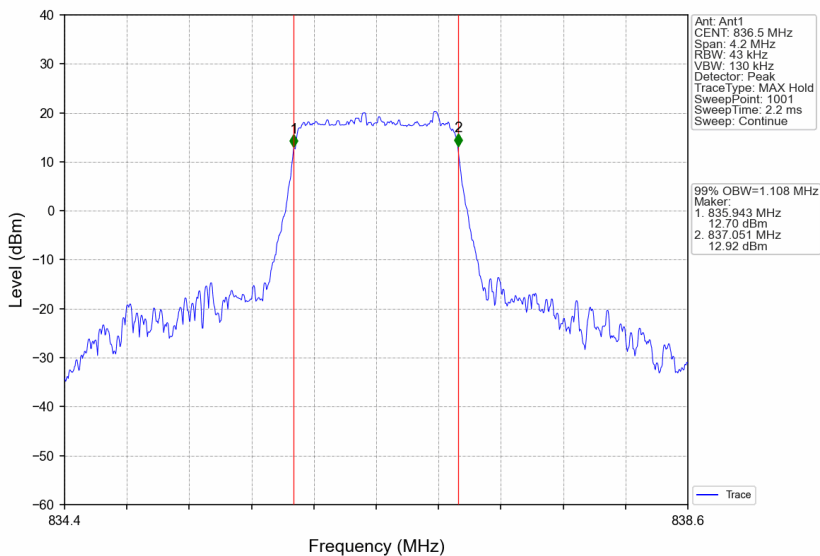
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Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



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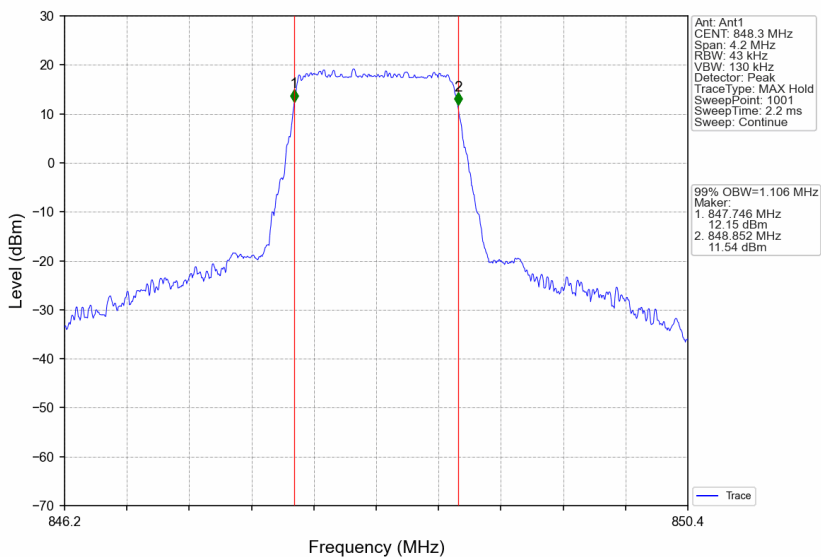
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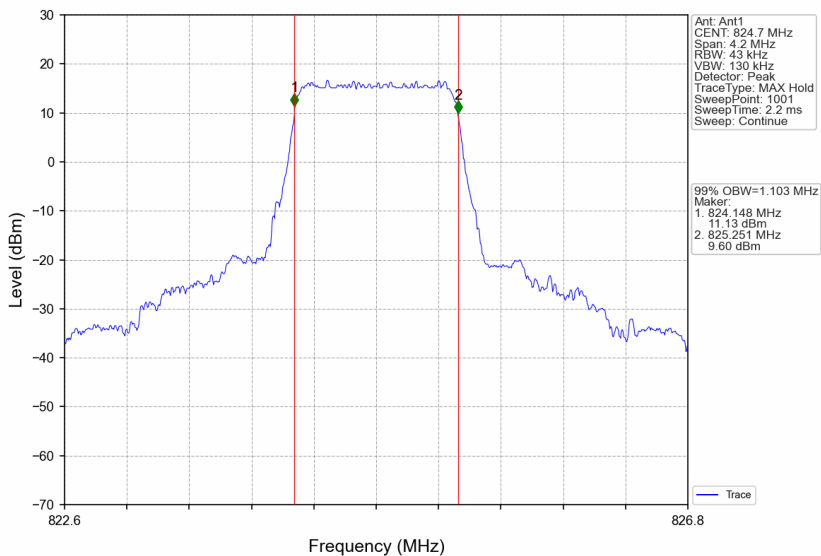
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Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_256QAM_LCH_824.7MHz_RB_6_0_NTNV



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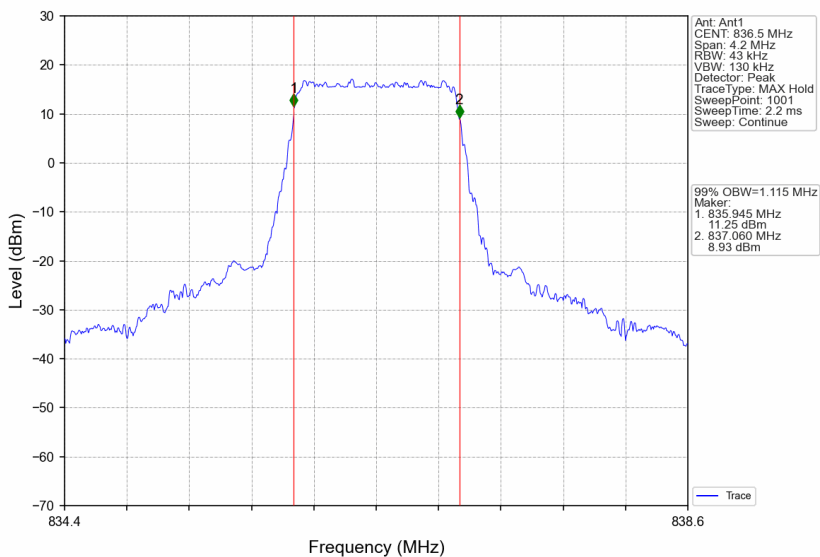
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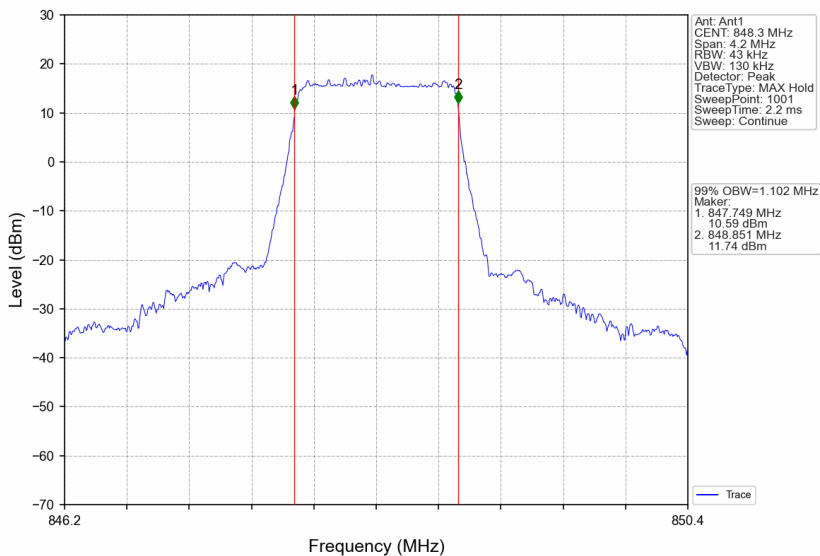
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Band5 1.4MHz 256QAM MCH 836.5MHz RB 6 0 NTN



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



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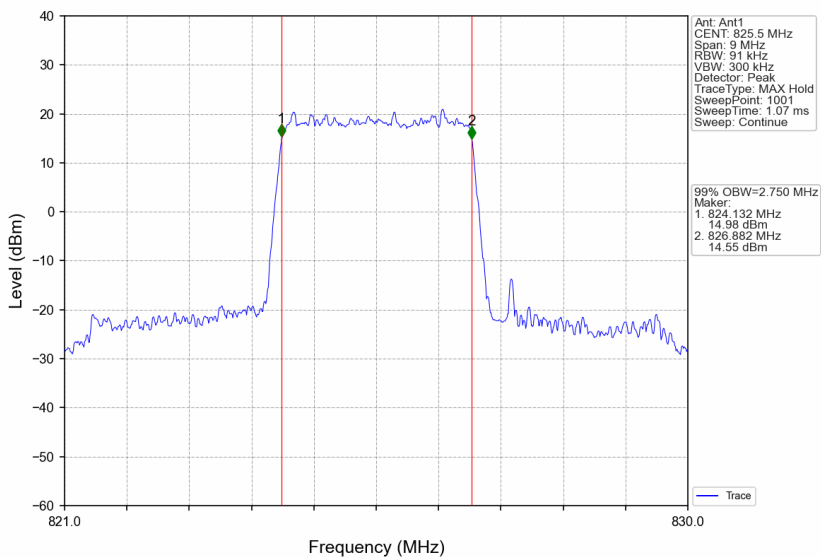
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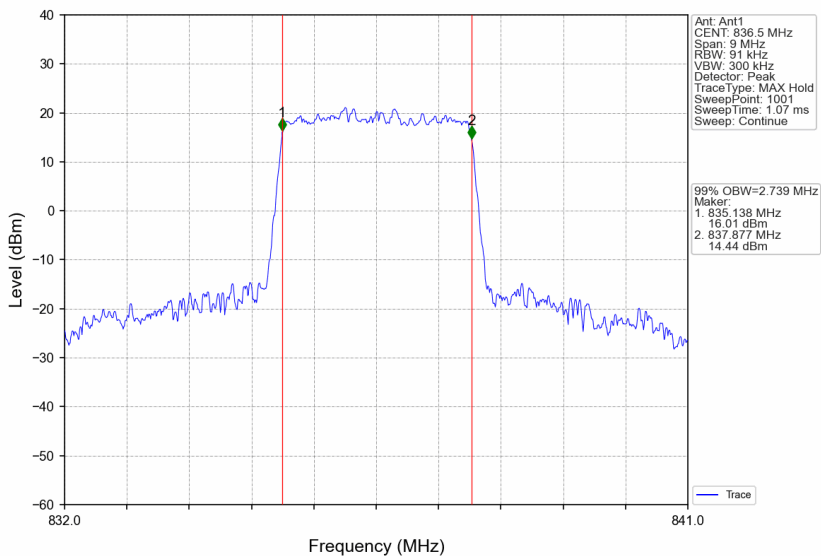
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Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



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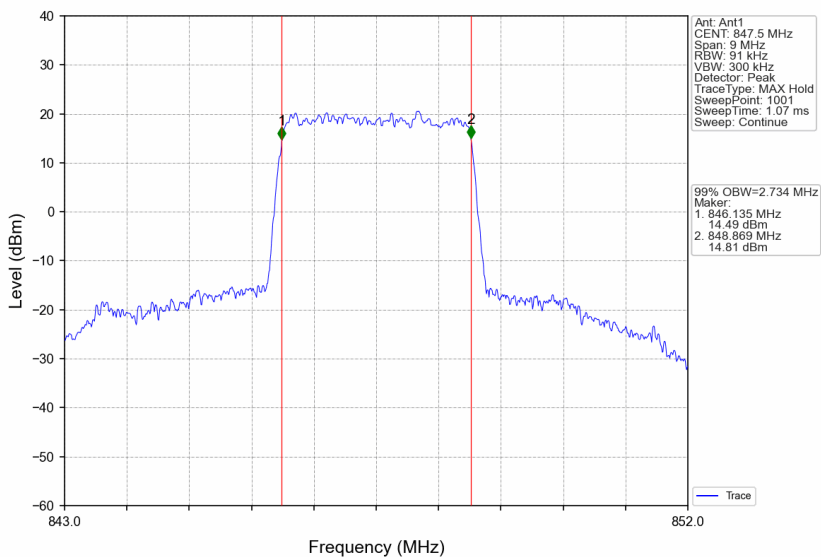
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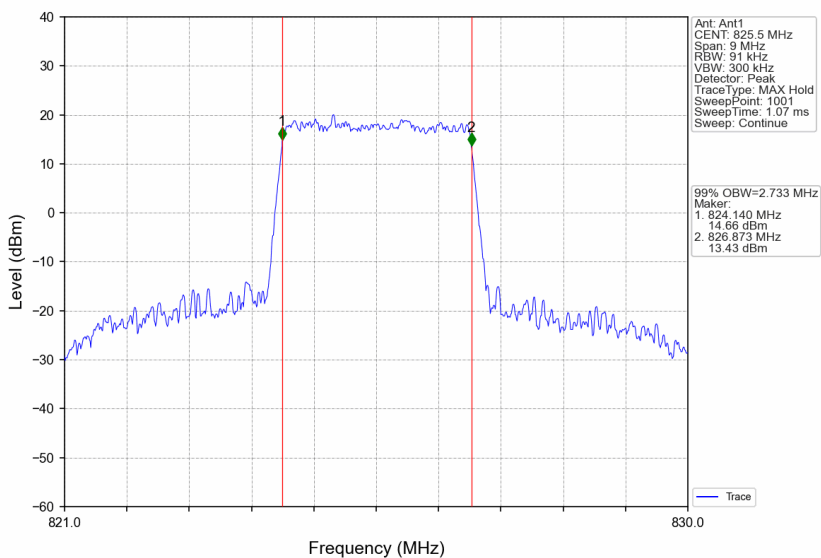
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Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



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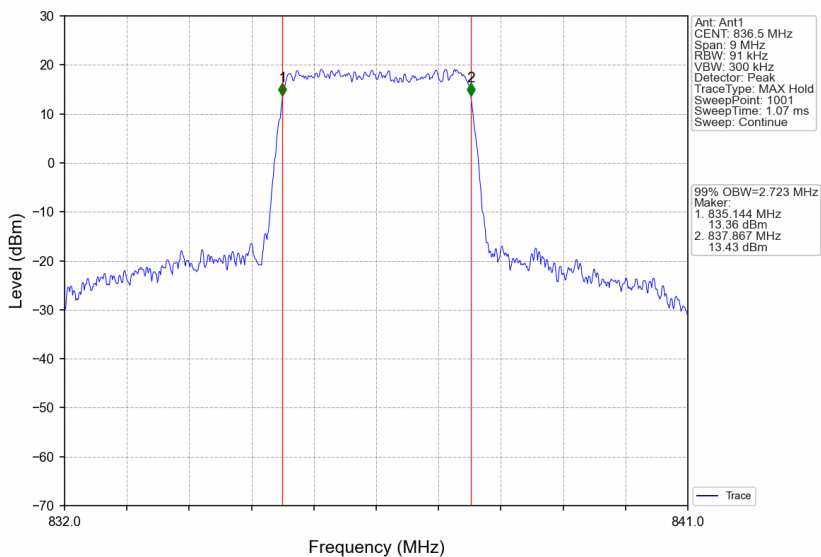
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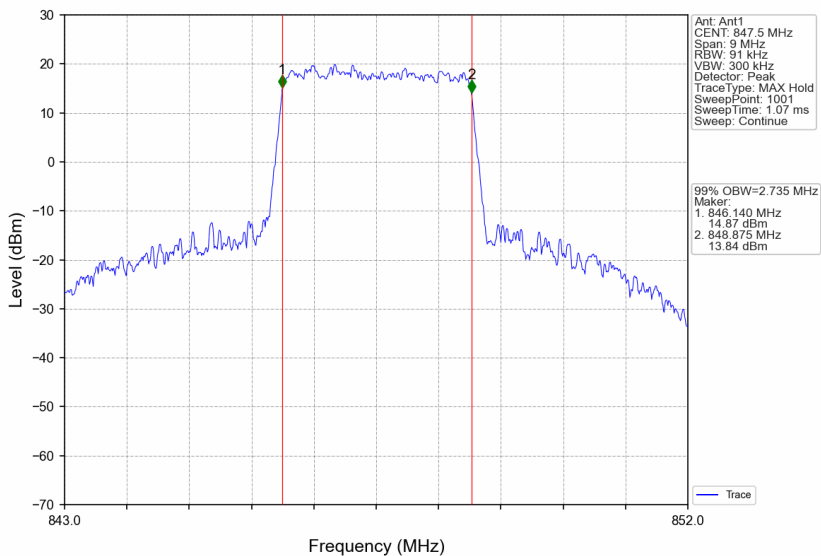
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Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



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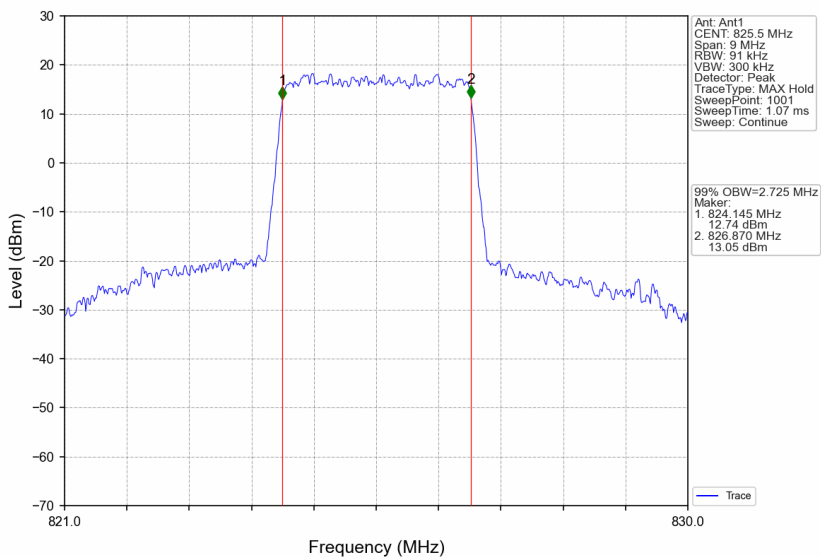
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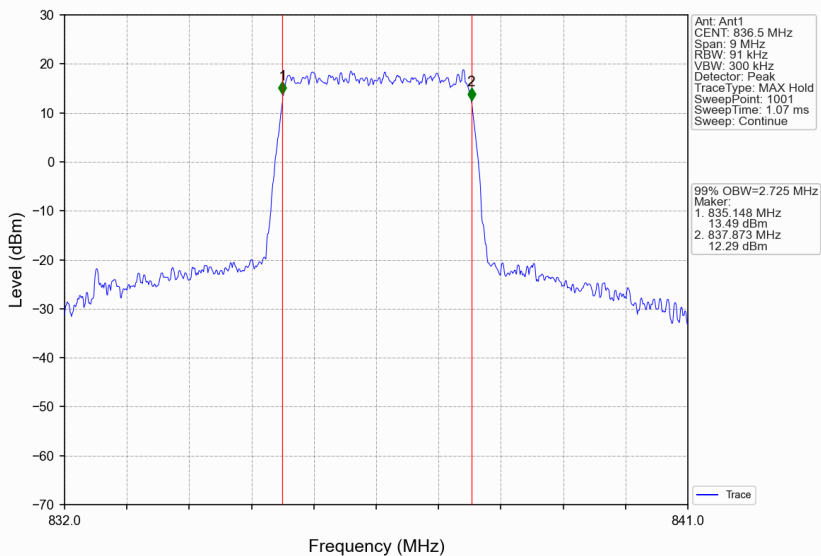
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Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



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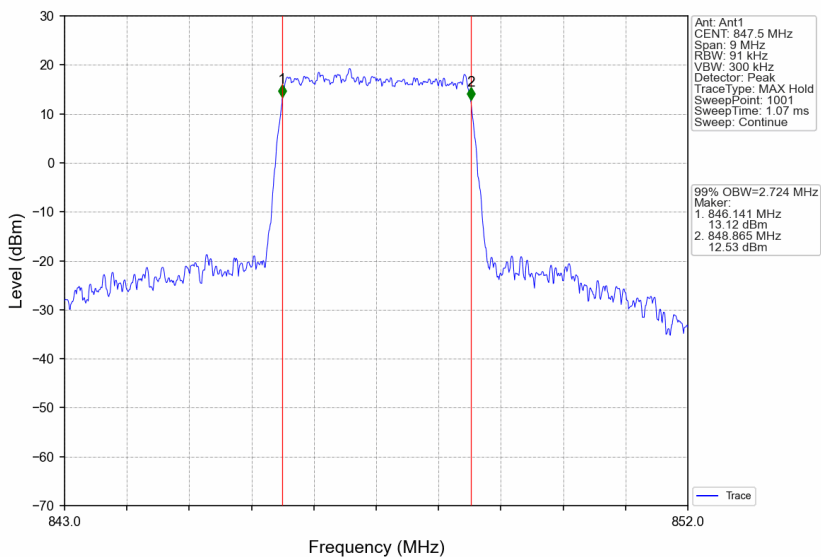
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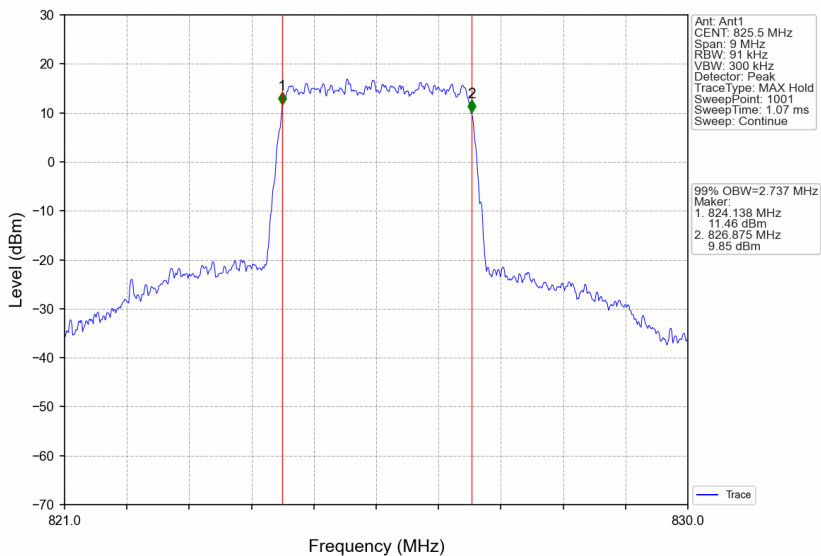
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Band5_3MHz_256QAM_LCH_825.5MHz_RB_15_0_NTNV



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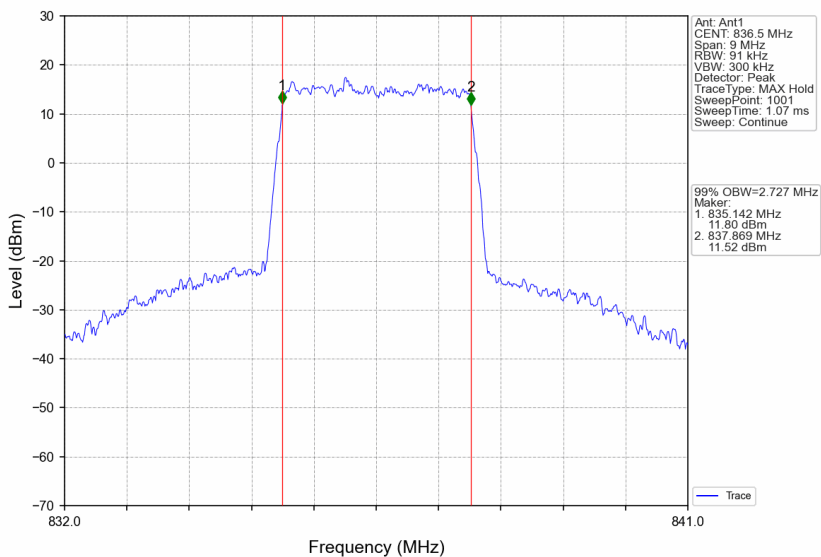
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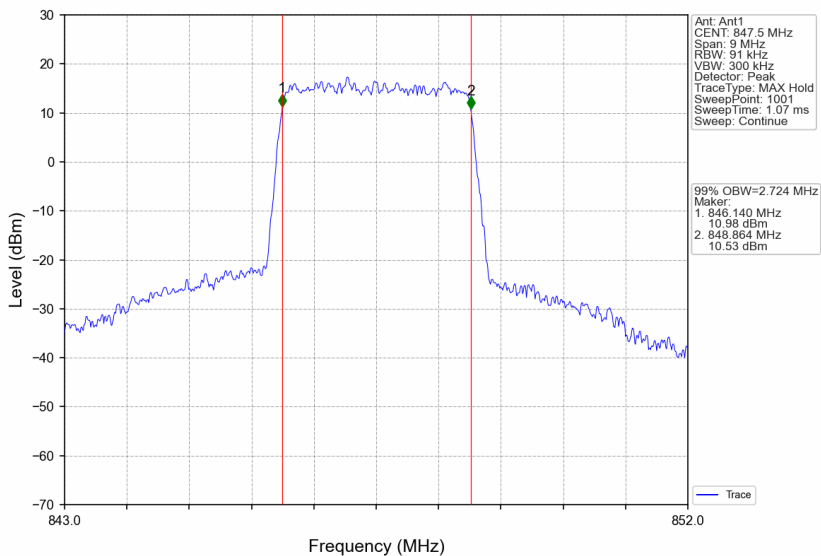
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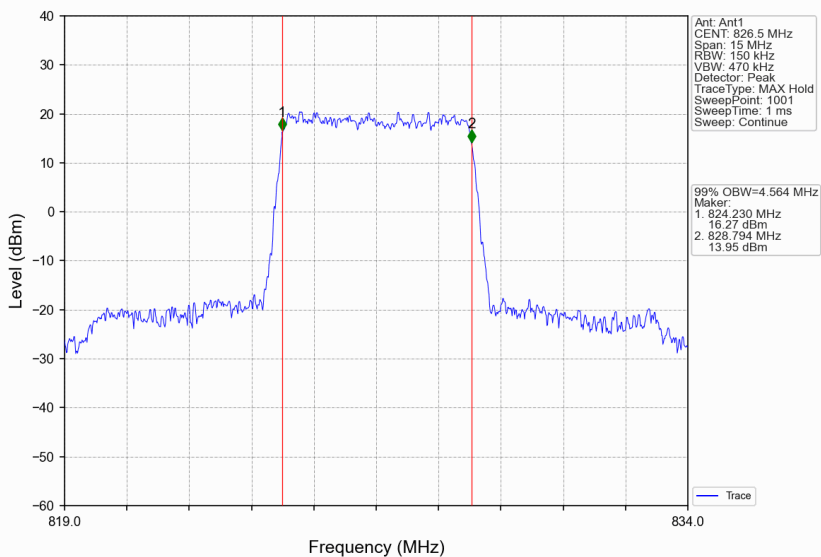
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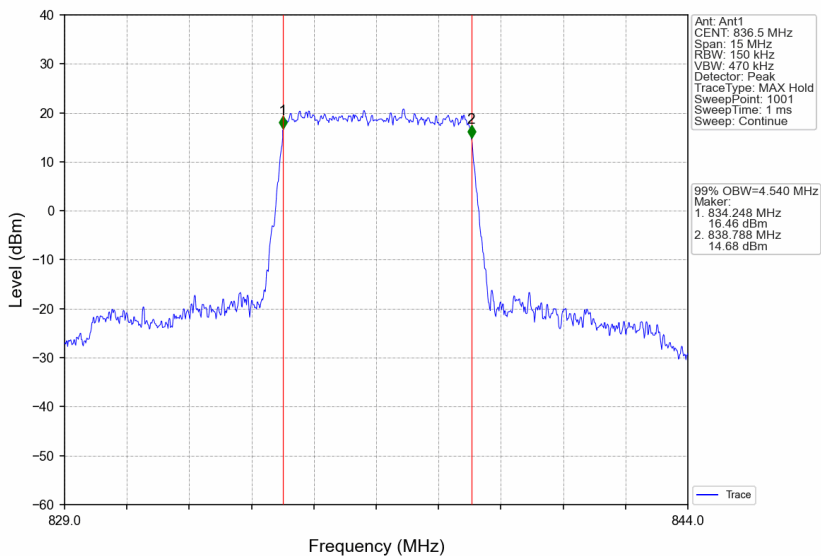
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Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



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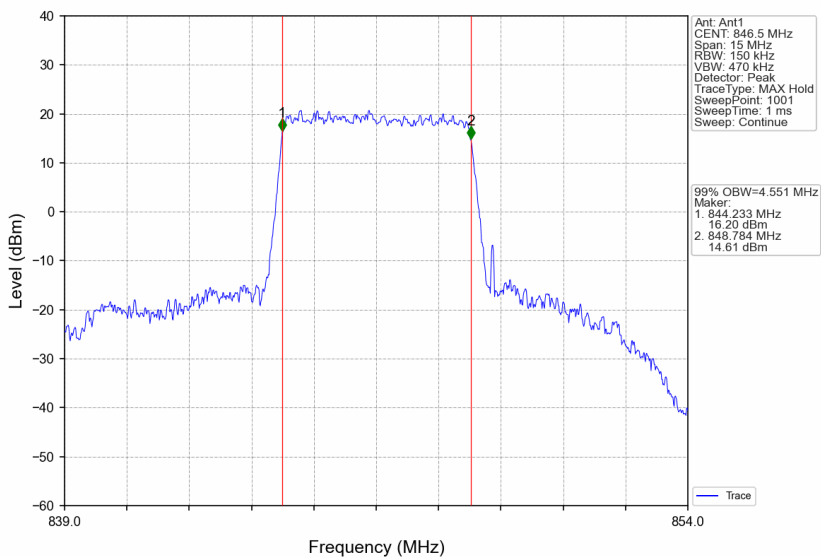
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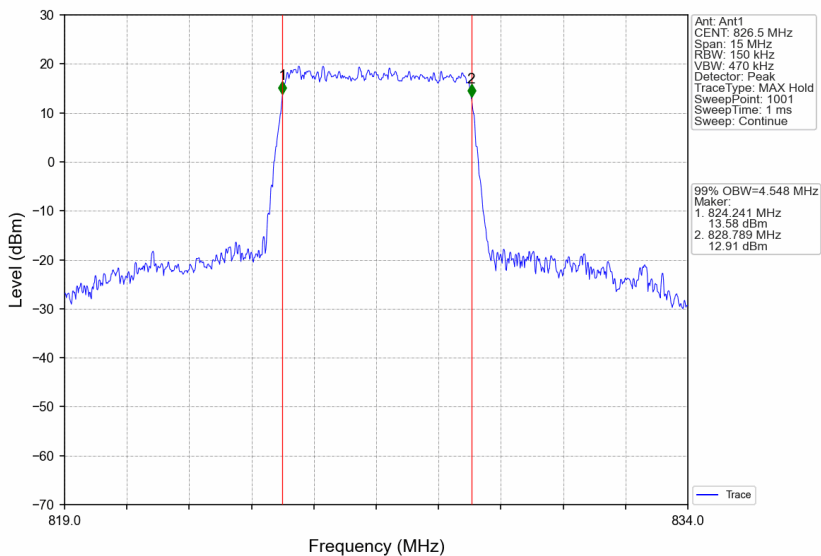
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Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



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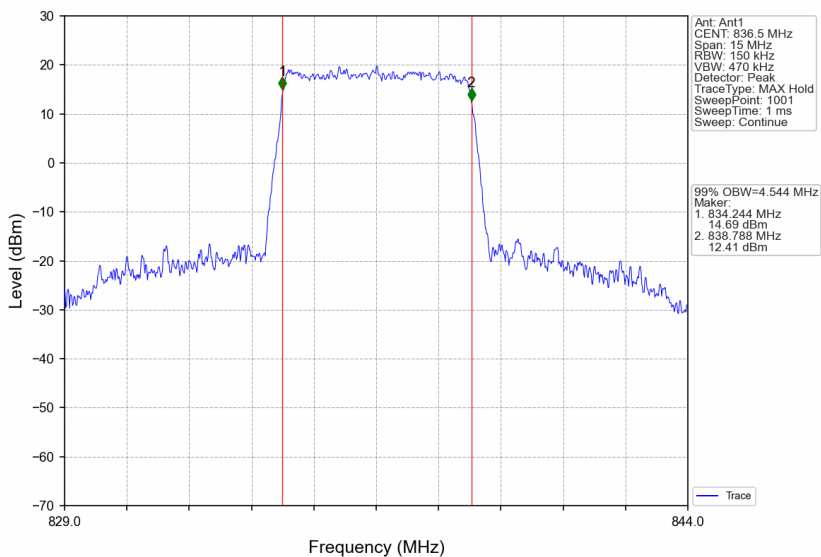
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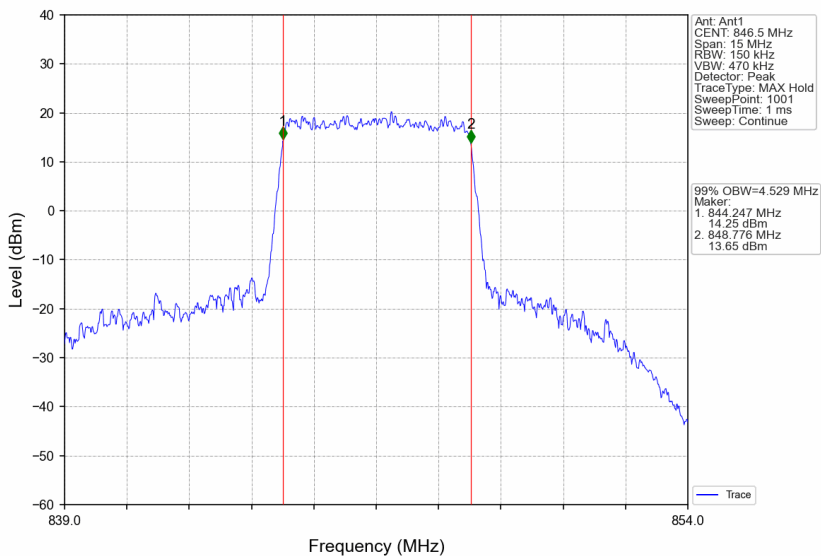
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Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



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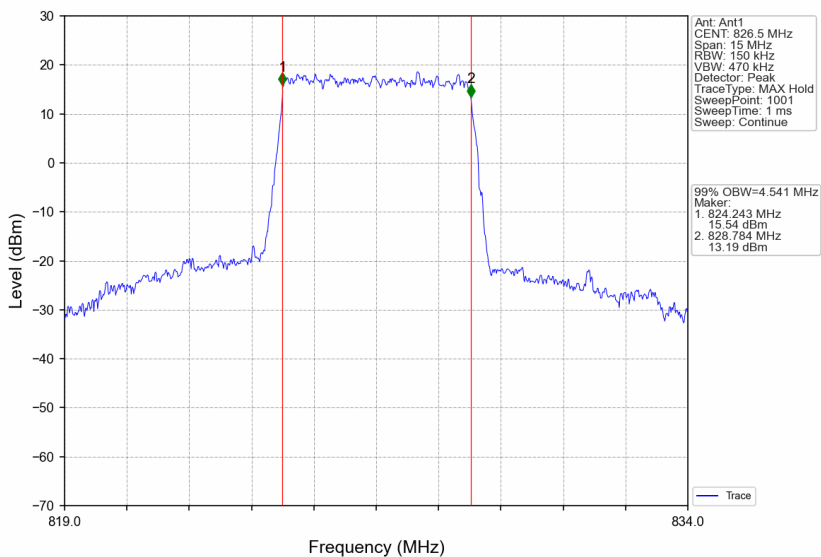
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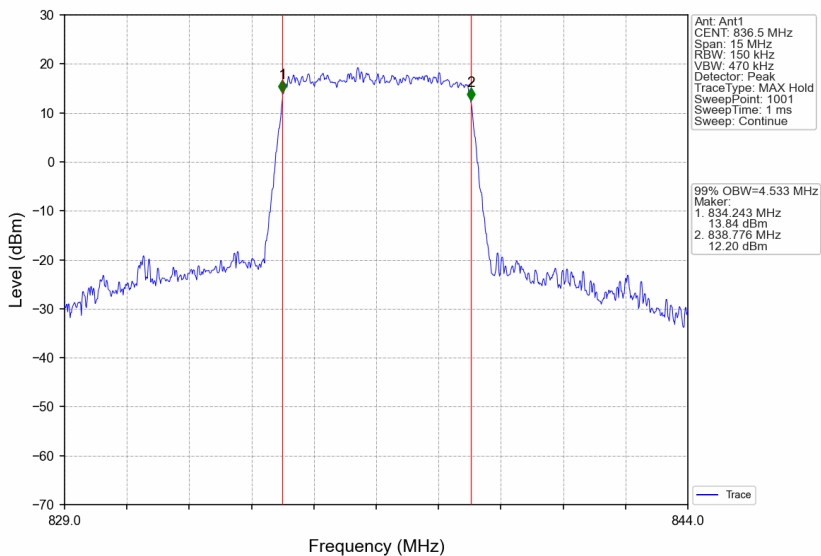
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Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



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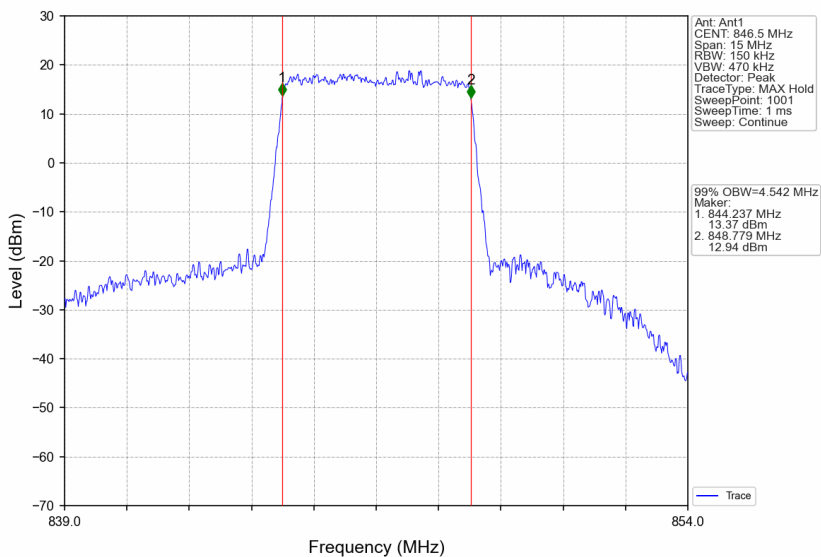
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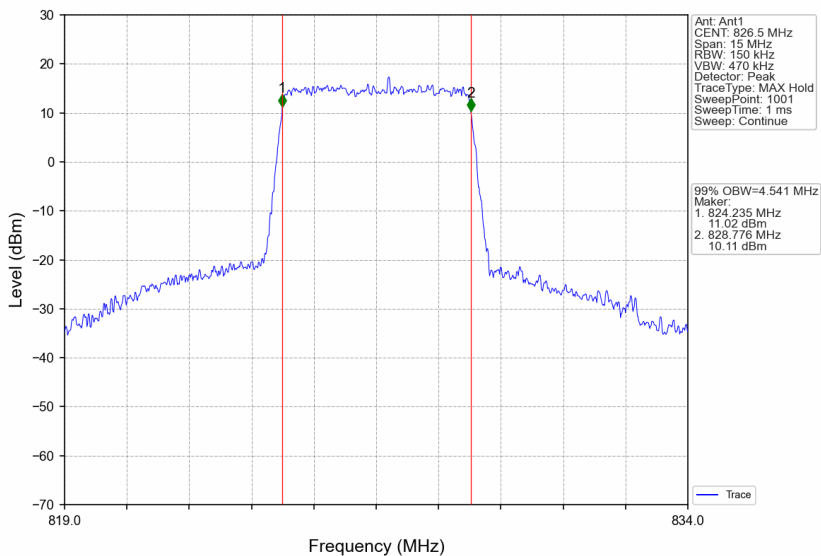
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Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



Band5_5MHz_256QAM_LCH_826.5MHz_RB_25_0_NTNV



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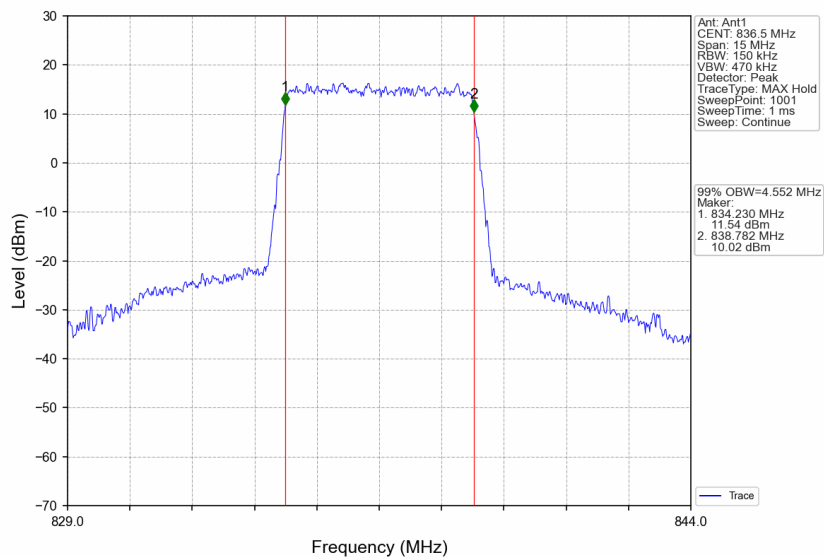
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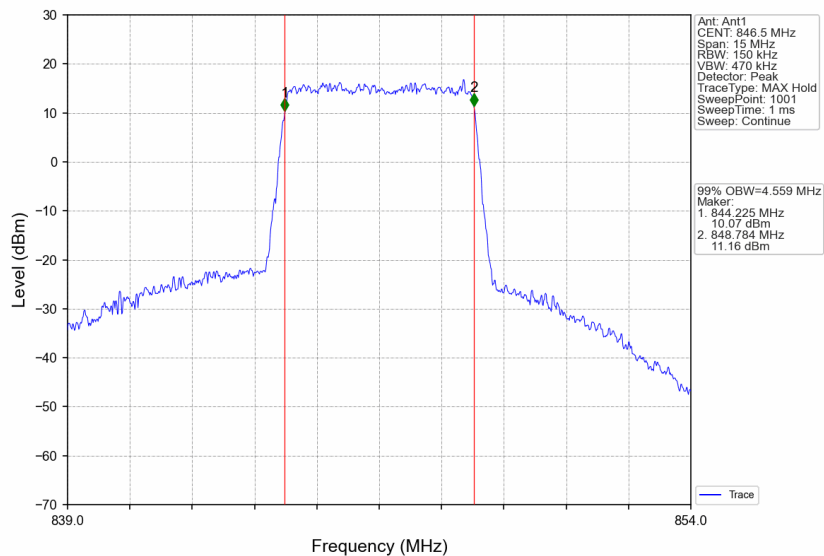
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Band5_5MHz_256QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_256QAM_HCH_846.5MHz_RB_25_0_NTNV



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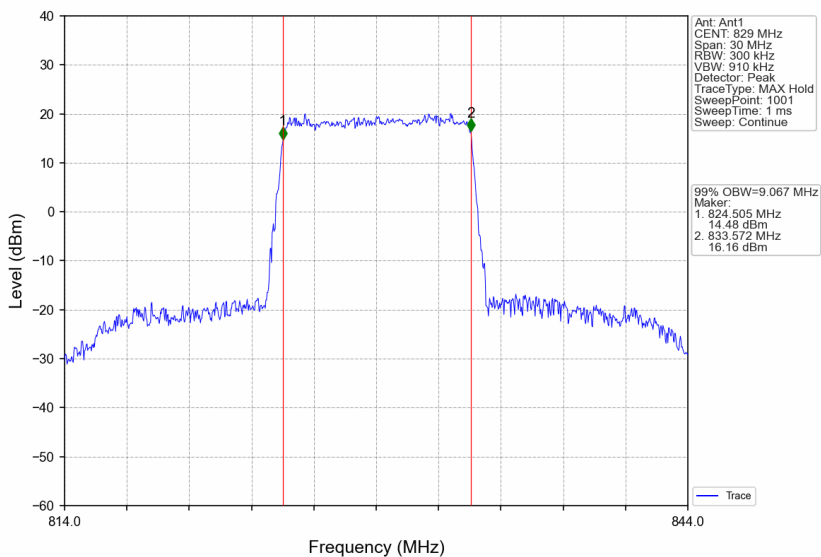
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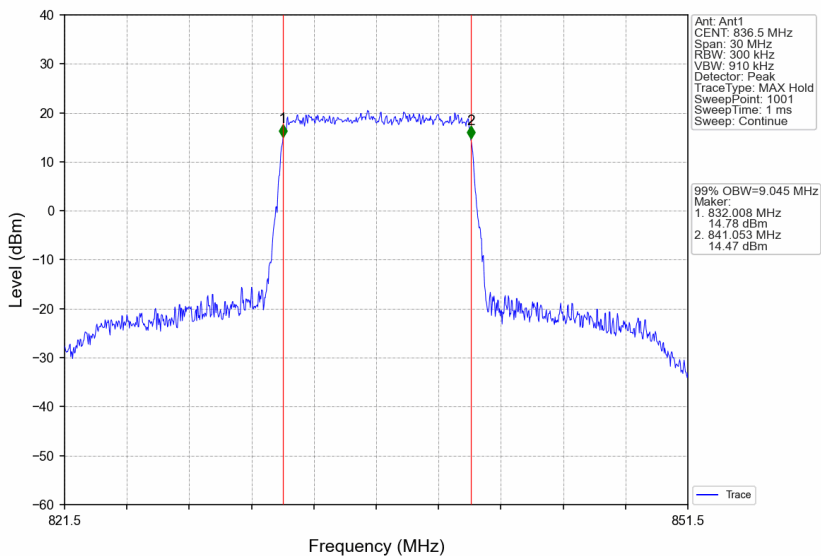
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Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



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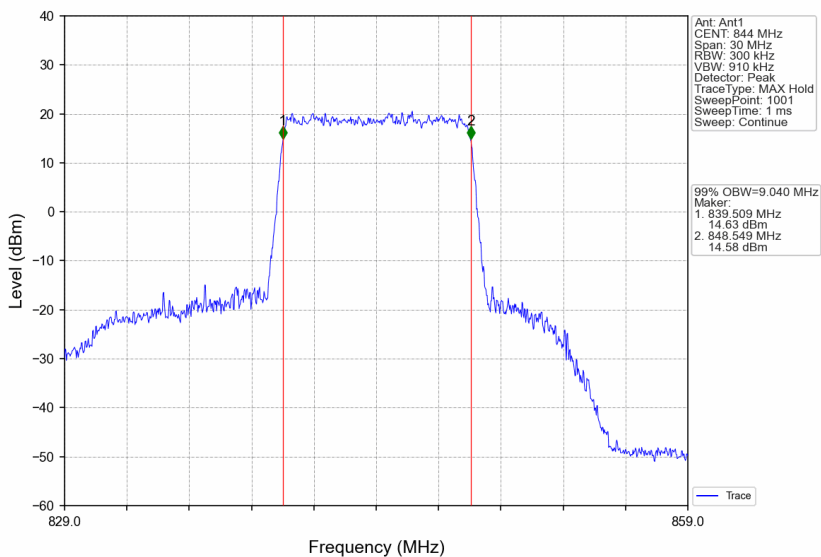
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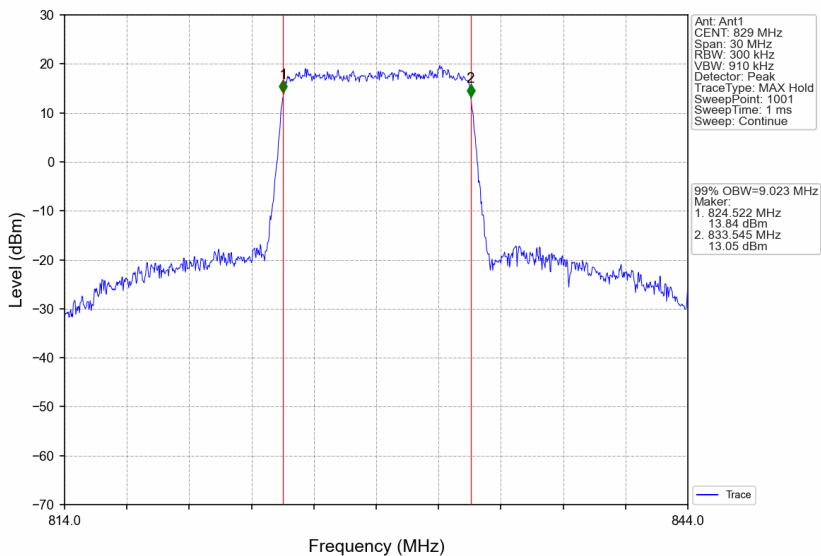
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Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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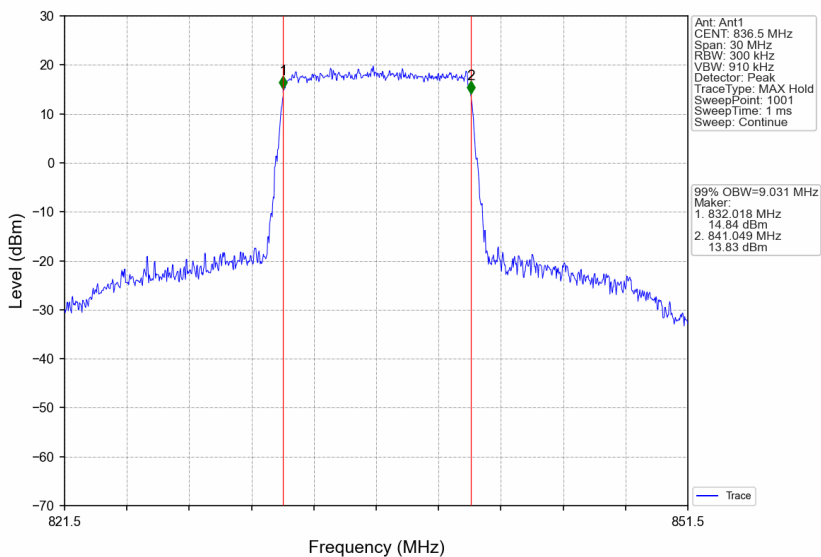
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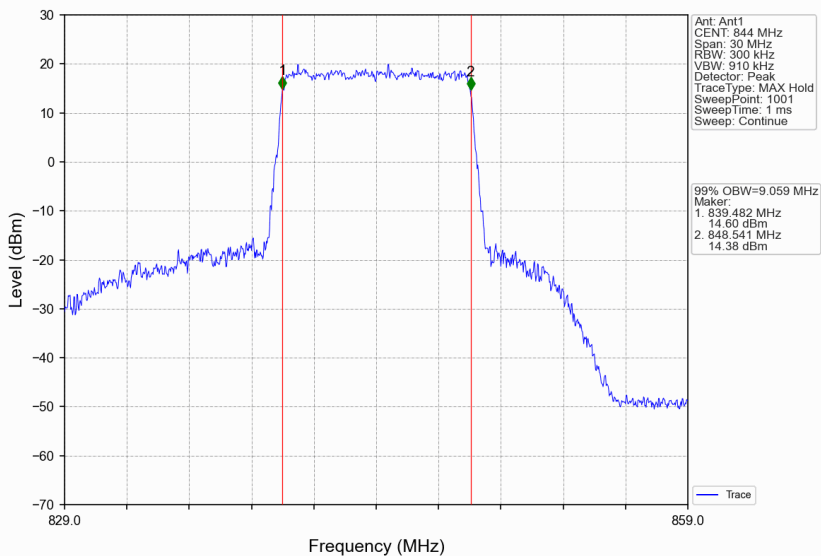
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Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



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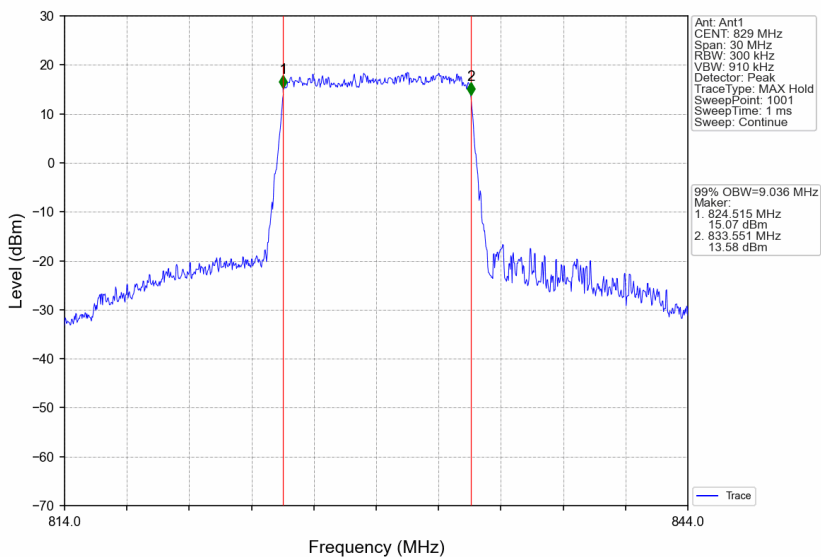
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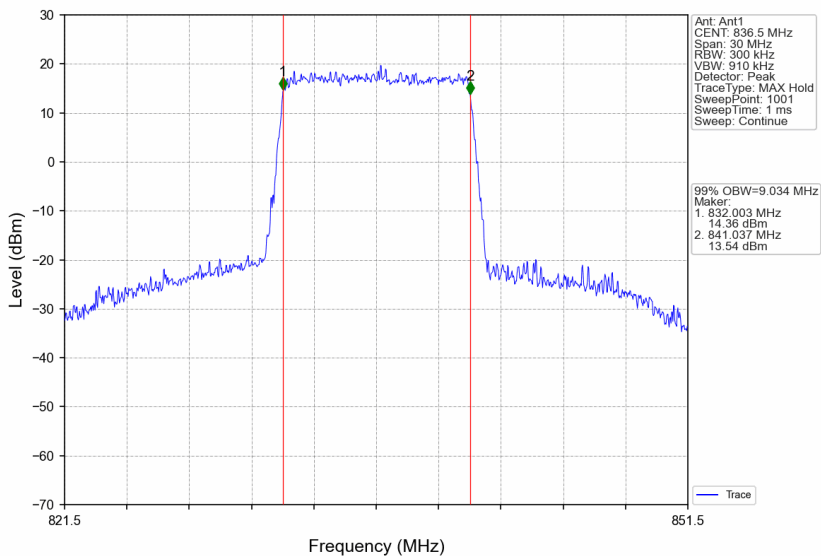
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Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



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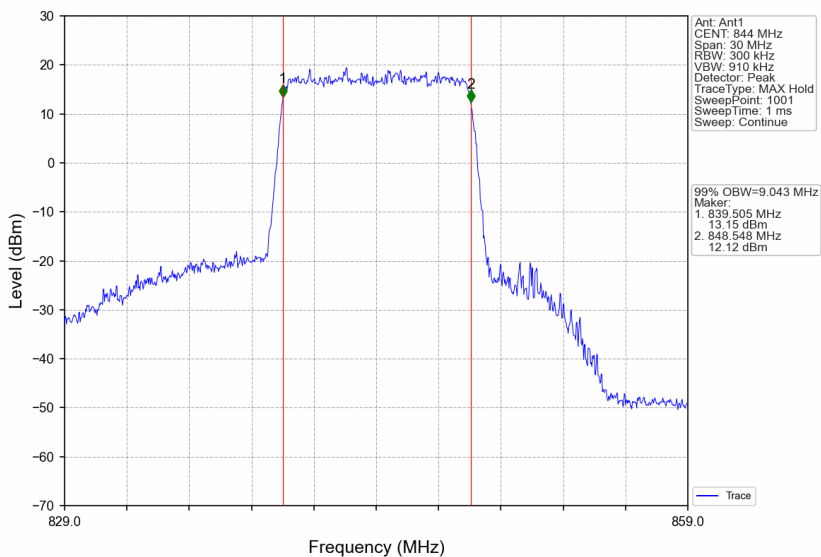
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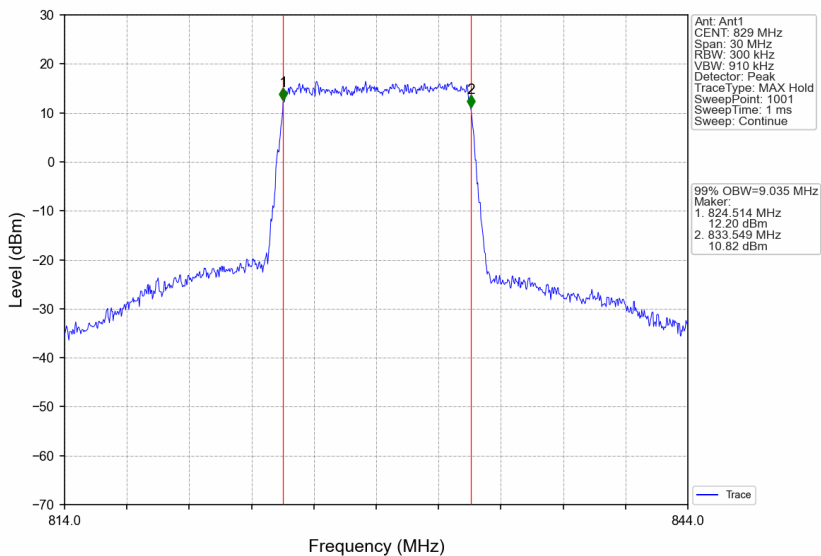
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Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_LCH_829MHz_RB_50_0_NTNV



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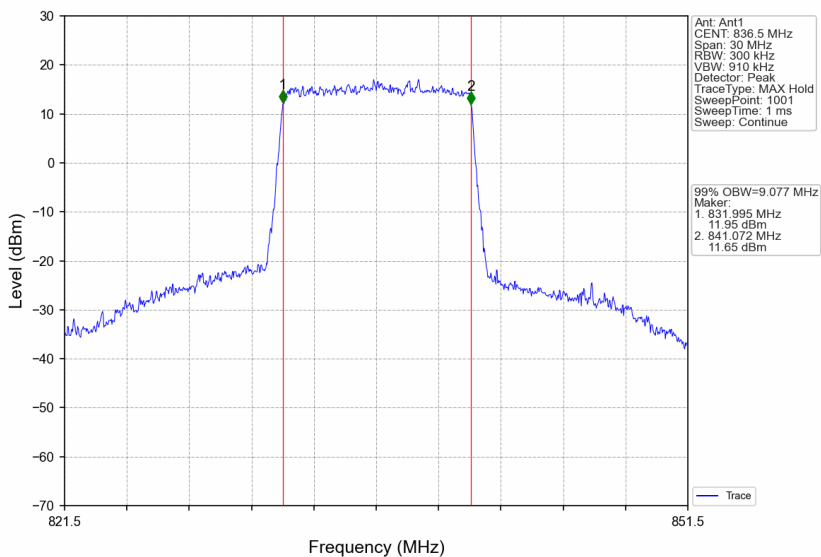
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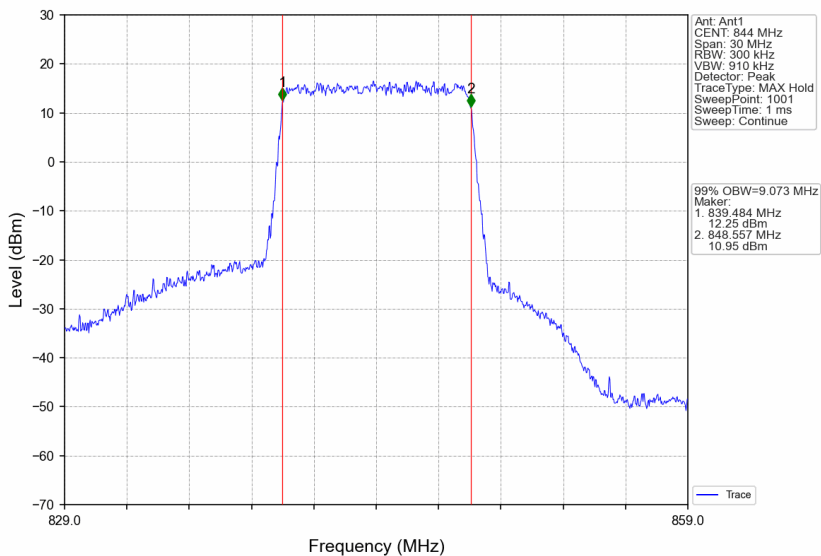
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Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_HCH_844MHz_RB_50_0_NTNV



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3.2 Band5_XDB

3.2.1 Test Result

Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.337	/	Pass
		836.5	6	0	1.316	/	Pass
		848.3	6	0	1.328	/	Pass
	16QAM	824.7	6	0	1.305	/	Pass
		836.5	6	0	1.320	/	Pass
		848.3	6	0	1.341	/	Pass
	64QAM	824.7	6	0	1.336	/	Pass
		836.5	6	0	1.303	/	Pass
		848.3	6	0	1.334	/	Pass
	256QAM	824.7	6	0	1.335	/	Pass
		836.5	6	0	1.343	/	Pass
		848.3	6	0	1.306	/	Pass
3	QPSK	825.5	15	0	3.015	/	Pass
		836.5	15	0	3.015	/	Pass
		847.5	15	0	3.017	/	Pass
	16QAM	825.5	15	0	3.025	/	Pass
		836.5	15	0	3.033	/	Pass
		847.5	15	0	3.031	/	Pass
	64QAM	825.5	15	0	3.011	/	Pass
		836.5	15	0	3.021	/	Pass
		847.5	15	0	3.009	/	Pass
	256QAM	825.5	15	0	3.033	/	Pass
		836.5	15	0	3.028	/	Pass
		847.5	15	0	3.012	/	Pass
5	QPSK	826.5	25	0	5.008	/	Pass
		836.5	25	0	5.056	/	Pass
		846.5	25	0	5.036	/	Pass
	16QAM	826.5	25	0	5.080	/	Pass
		836.5	25	0	5.087	/	Pass
		846.5	25	0	5.027	/	Pass
	64QAM	826.5	25	0	5.073	/	Pass
		836.5	25	0	5.060	/	Pass
		846.5	25	0	5.045	/	Pass
	256QAM	826.5	25	0	5.052	/	Pass
		836.5	25	0	5.080	/	Pass
		846.5	25	0	5.056	/	Pass
10	QPSK	829	50	0	10.043	/	Pass
		836.5	50	0	10.016	/	Pass
		844	50	0	9.937	/	Pass



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	16QAM	829	50	0	9.939	/	Pass
		836.5	50	0	9.892	/	Pass
		844	50	0	9.987	/	Pass
	64QAM	829	50	0	10.005	/	Pass
		836.5	50	0	9.878	/	Pass
		844	50	0	9.946	/	Pass
	256QAM	829	50	0	10.012	/	Pass
		836.5	50	0	9.871	/	Pass
		844	50	0	10.001	/	Pass



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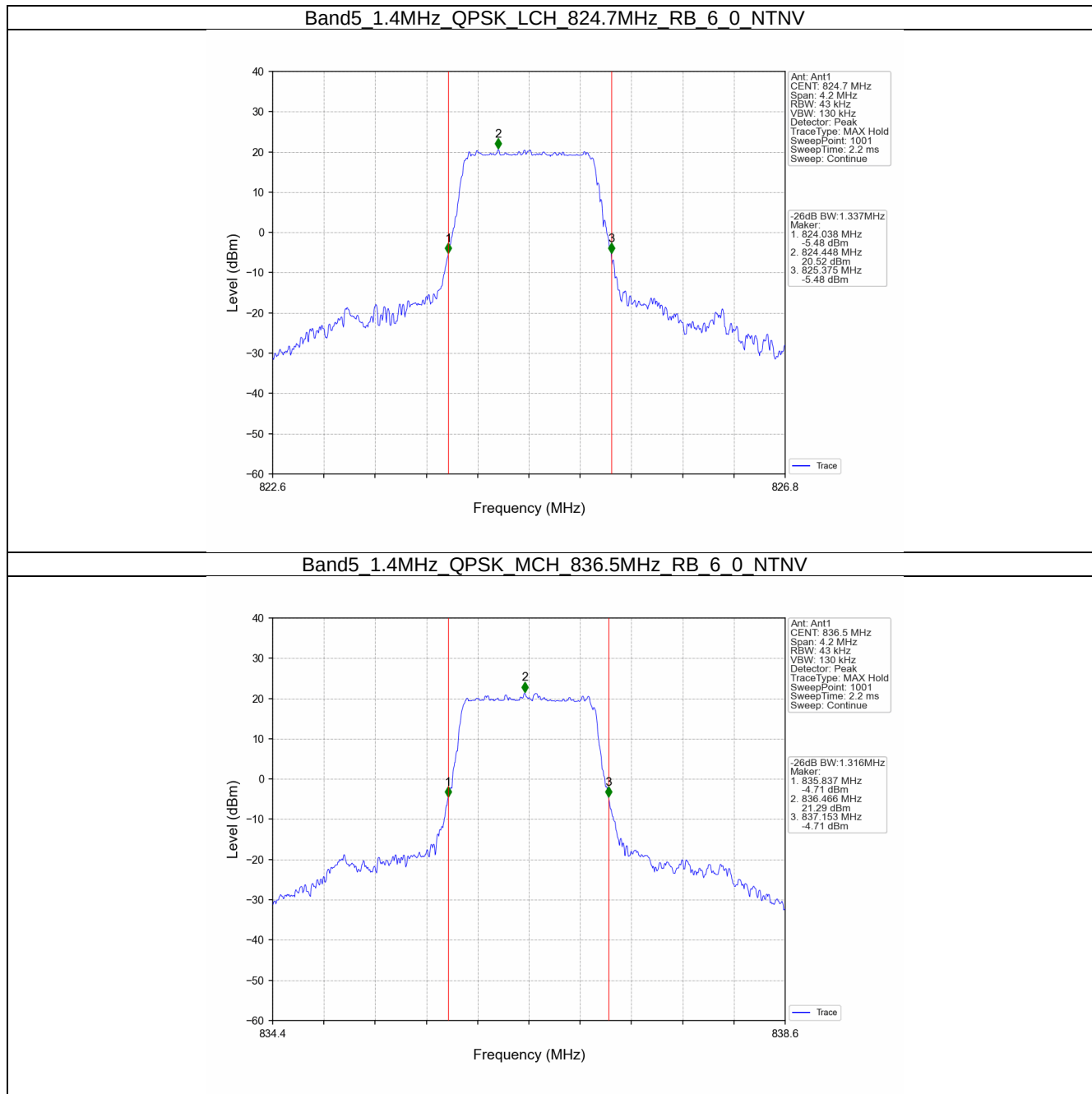
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3.2.2 Test Graph



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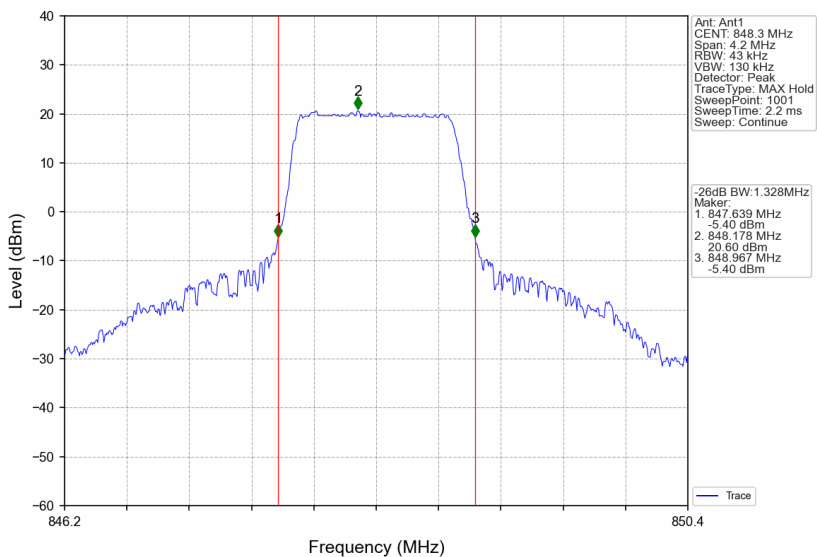
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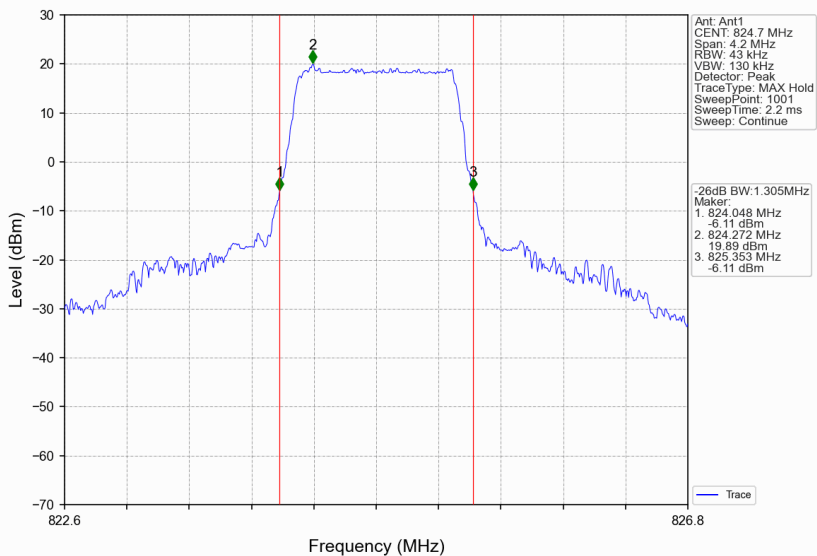
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Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



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



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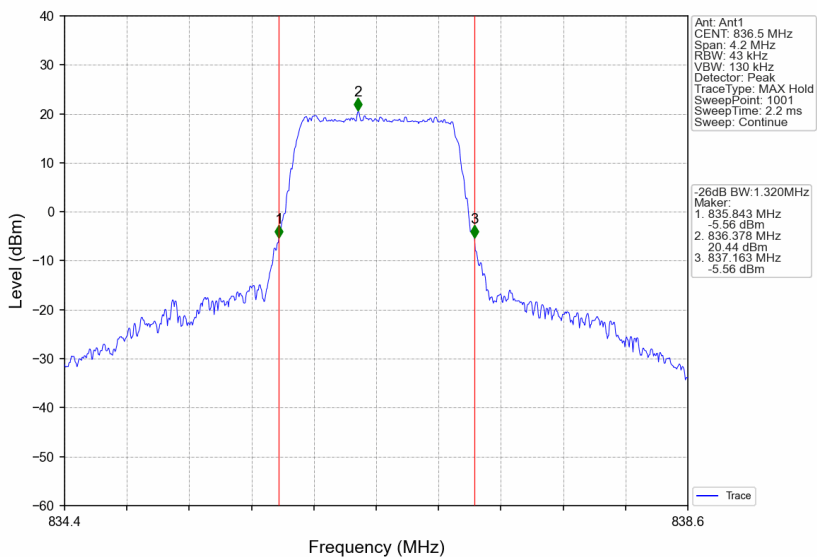
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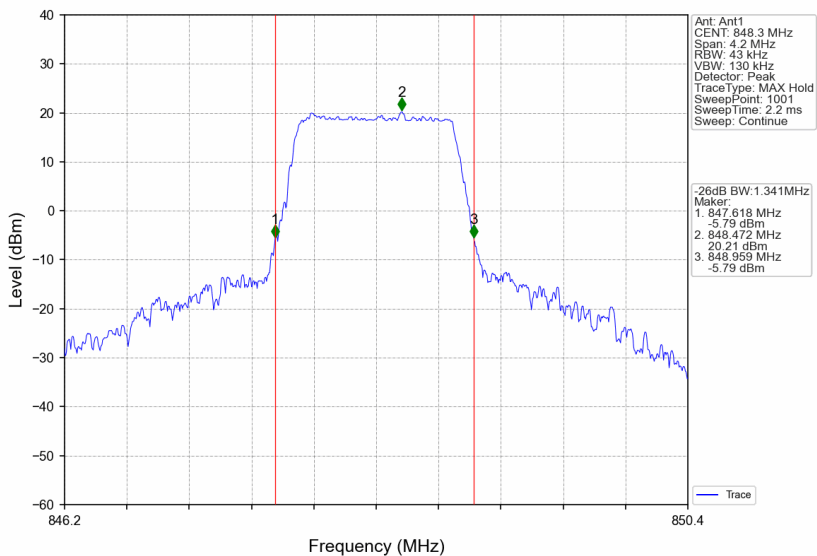
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Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



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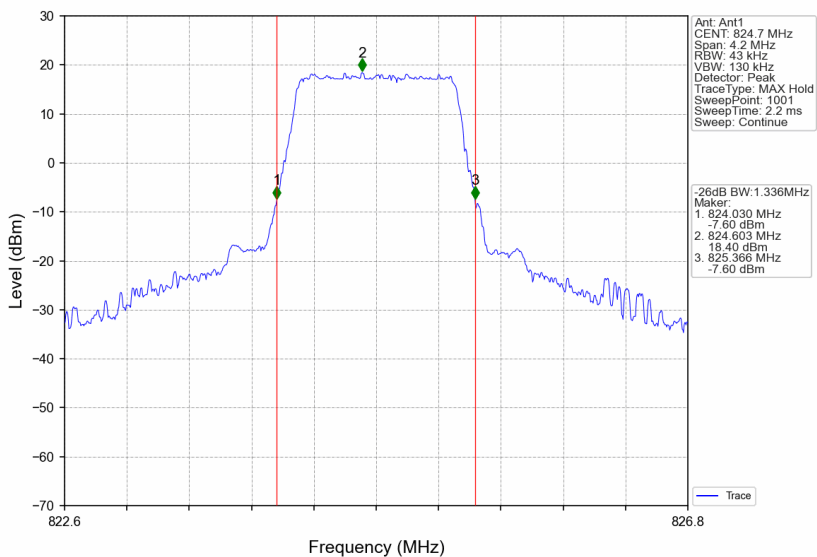
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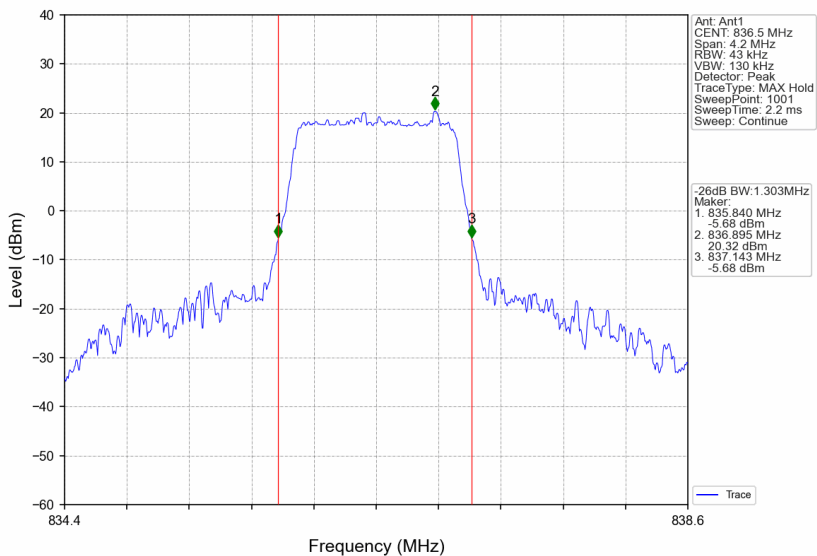
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Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



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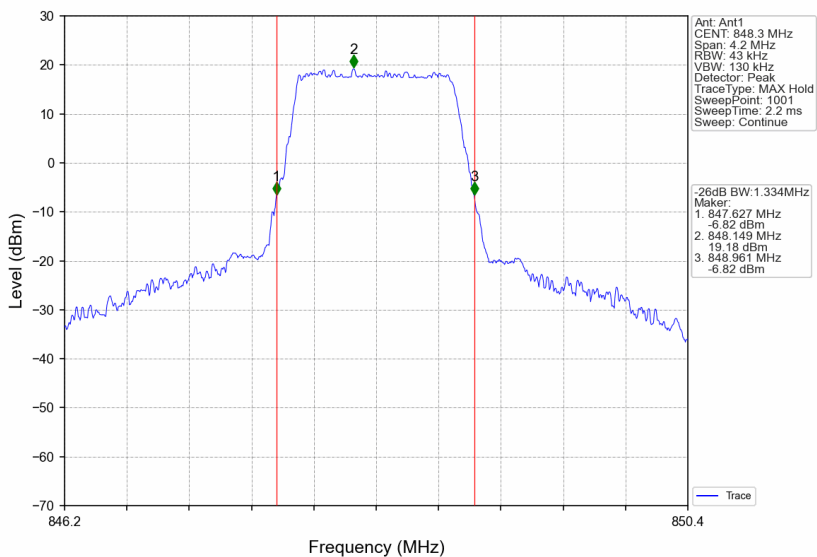
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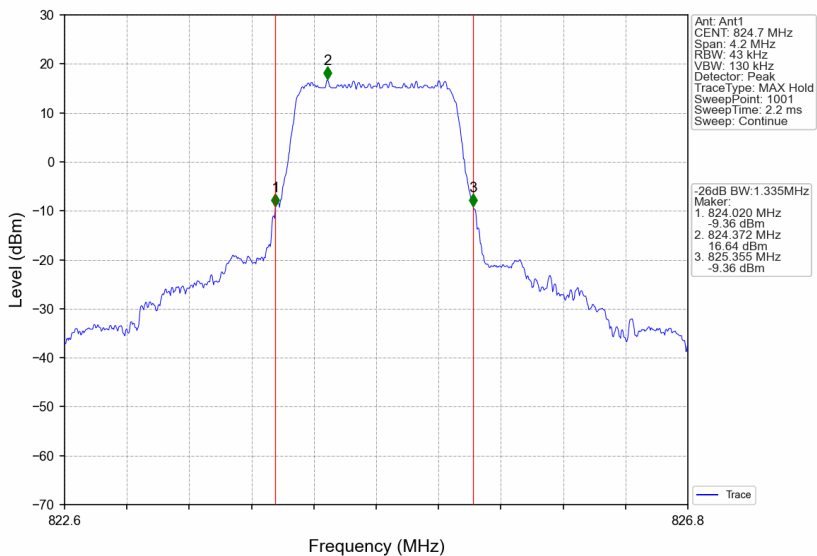
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Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_256QAM_LCH_824.7MHz_RB_6_0_NTNV



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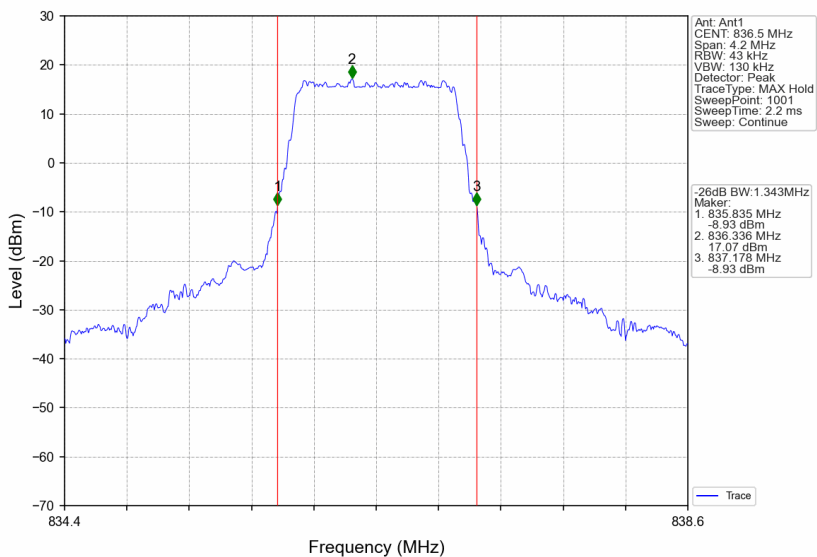
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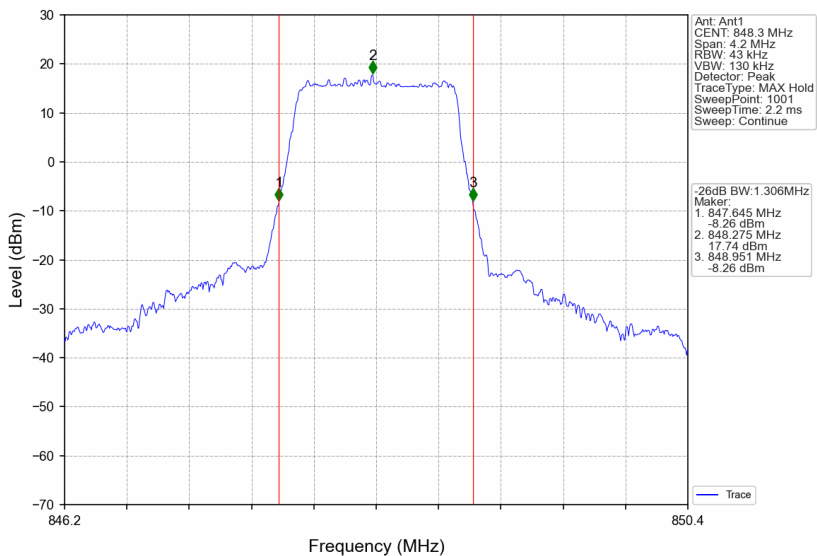
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Band5 1.4MHz 256QAM MCH 836.5MHz RB 6 0 NTN



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



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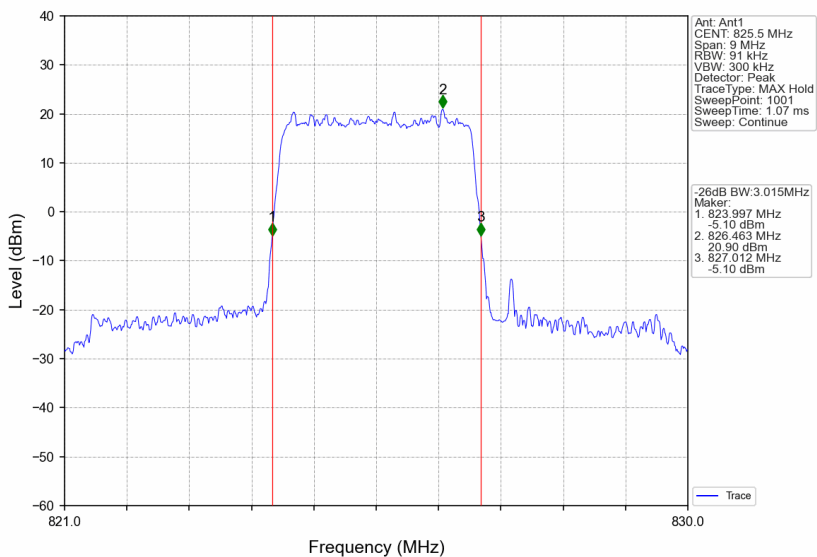
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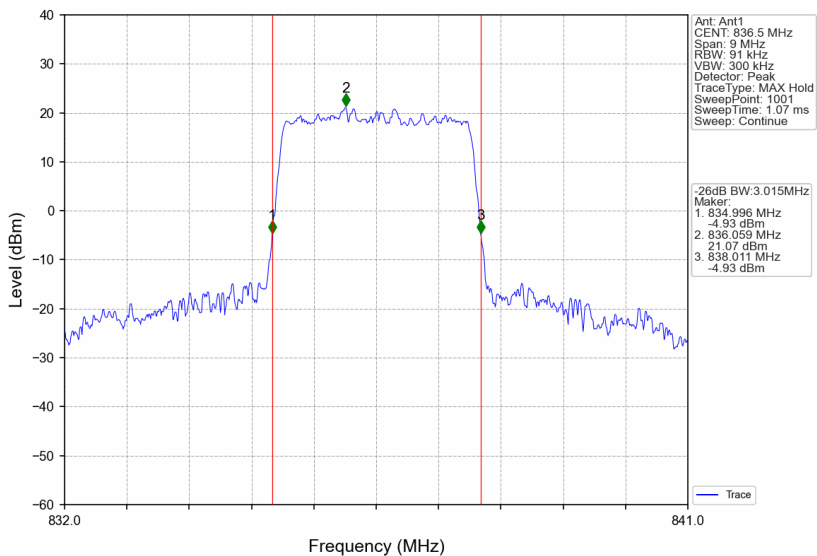
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Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



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