



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZCR240100038408

Rev.: 01

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Appendix B.3

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	23.18	2.1	23.13	<=38.45	Pass
			2	23.17	2.1	23.12	<=38.45	Pass
			5	23.15	2.1	23.1	<=38.45	Pass
		3	0	23.26	2.1	23.21	<=38.45	Pass
			2	23.35	2.1	23.3	<=38.45	Pass
			3	23.24	2.1	23.19	<=38.45	Pass
		6	0	22.29	2.1	22.24	<=38.45	Pass
	836.5	1	0	23.18	2.1	23.13	<=38.45	Pass
			2	23.24	2.1	23.19	<=38.45	Pass
			5	23.15	2.1	23.1	<=38.45	Pass
		3	0	23.21	2.1	23.16	<=38.45	Pass
			2	23.27	2.1	23.22	<=38.45	Pass
			3	23.23	2.1	23.18	<=38.45	Pass
		6	0	22.17	2.1	22.12	<=38.45	Pass
	848.3	1	0	23.29	2.1	23.24	<=38.45	Pass
			2	23.39	2.1	23.34	<=38.45	Pass
			5	23.28	2.1	23.23	<=38.45	Pass
		3	0	23.27	2.1	23.22	<=38.45	Pass
			2	23.35	2.1	23.3	<=38.45	Pass
			3	23.34	2.1	23.29	<=38.45	Pass
16QAM	824.7	1	0	22.28	2.1	22.23	<=38.45	Pass
			2	22.35	2.1	22.3	<=38.45	Pass
			5	22.25	2.1	22.2	<=38.45	Pass
		3	0	22.44	2.1	22.39	<=38.45	Pass
			2	22.49	2.1	22.44	<=38.45	Pass
			3	22.44	2.1	22.39	<=38.45	Pass
		6	0	21.31	2.1	21.26	<=38.45	Pass
	836.5	1	0	22.44	2.1	22.39	<=38.45	Pass
			2	22.55	2.1	22.5	<=38.45	Pass
			5	22.51	2.1	22.46	<=38.45	Pass
		3	0	22.28	2.1	22.23	<=38.45	Pass
			2	22.38	2.1	22.33	<=38.45	Pass
			3	22.33	2.1	22.28	<=38.45	Pass
		6	0	21.26	2.1	21.21	<=38.45	Pass
	848.3	1	0	22.44	2.1	22.39	<=38.45	Pass
			2	22.51	2.1	22.46	<=38.45	Pass



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64QAM	824.7	3	5	22.50	2.1	22.45	<=38.45	Pass
			0	22.41	2.1	22.36	<=38.45	Pass
			2	22.51	2.1	22.46	<=38.45	Pass
			3	22.37	2.1	22.32	<=38.45	Pass
		6	0	21.29	2.1	21.24	<=38.45	Pass
			0	21.27	2.1	21.22	<=38.45	Pass
	836.5	1	2	21.31	2.1	21.26	<=38.45	Pass
			5	21.22	2.1	21.17	<=38.45	Pass
			0	21.39	2.1	21.34	<=38.45	Pass
		3	2	21.39	2.1	21.34	<=38.45	Pass
			3	21.37	2.1	21.32	<=38.45	Pass
			0	20.36	2.1	20.31	<=38.45	Pass
		6	0	21.30	2.1	21.25	<=38.45	Pass
			2	21.26	2.1	21.21	<=38.45	Pass
			5	21.27	2.1	21.22	<=38.45	Pass
		3	0	21.27	2.1	21.22	<=38.45	Pass
			2	21.27	2.1	21.22	<=38.45	Pass
			3	21.27	2.1	21.22	<=38.45	Pass
	848.3	1	0	21.39	2.1	21.34	<=38.45	Pass
			2	21.36	2.1	21.31	<=38.45	Pass
			5	21.38	2.1	21.33	<=38.45	Pass
		3	0	21.37	2.1	21.32	<=38.45	Pass
			2	21.36	2.1	21.31	<=38.45	Pass
			3	21.40	2.1	21.35	<=38.45	Pass
		6	0	21.40	2.1	21.35	<=38.45	Pass
			0	18.55	2.1	18.5	<=38.45	Pass
	256QAM	1	2	18.66	2.1	18.61	<=38.45	Pass
			5	18.59	2.1	18.54	<=38.45	Pass
			0	18.53	2.1	18.48	<=38.45	Pass
		3	2	18.48	2.1	18.43	<=38.45	Pass
			3	18.53	2.1	18.48	<=38.45	Pass
			0	18.40	2.1	18.35	<=38.45	Pass
		6	0	18.52	2.1	18.47	<=38.45	Pass
			2	18.69	2.1	18.64	<=38.45	Pass
			5	18.65	2.1	18.6	<=38.45	Pass
	836.5	1	0	18.45	2.1	18.4	<=38.45	Pass
			2	18.52	2.1	18.47	<=38.45	Pass
			3	18.59	2.1	18.54	<=38.45	Pass
		3	0	18.34	2.1	18.29	<=38.45	Pass
			0	18.68	2.1	18.63	<=38.45	Pass
			2	18.77	2.1	18.72	<=38.45	Pass
			5	18.68	2.1	18.63	<=38.45	Pass
		1	0	18.60	2.1	18.55	<=38.45	Pass
			2	18.59	2.1	18.54	<=38.45	Pass
			3	18.65	2.1	18.6	<=38.45	Pass
		3	0	18.52	2.1	18.47	<=38.45	Pass
			2	18.59	2.1	18.54	<=38.45	Pass
			3	18.65	2.1	18.6	<=38.45	Pass
	848.3	1	0	18.52	2.1	18.47	<=38.45	Pass
			2	18.59	2.1	18.54	<=38.45	Pass
			3	18.65	2.1	18.6	<=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	23.40	2.1	23.35	<=38.45	Pass
			7	23.25	2.1	23.2	<=38.45	Pass
			14	23.31	2.1	23.26	<=38.45	Pass
		8	0	22.40	2.1	22.35	<=38.45	Pass
			4	22.39	2.1	22.34	<=38.45	Pass
			7	22.39	2.1	22.34	<=38.45	Pass
		15	0	22.42	2.1	22.37	<=38.45	Pass
	836.5	1	0	23.34	2.1	23.29	<=38.45	Pass
			7	23.29	2.1	23.24	<=38.45	Pass
			14	23.34	2.1	23.29	<=38.45	Pass
		8	0	22.32	2.1	22.27	<=38.45	Pass
			4	22.42	2.1	22.37	<=38.45	Pass
			7	22.36	2.1	22.31	<=38.45	Pass
		15	0	22.32	2.1	22.27	<=38.45	Pass
	847.5	1	0	23.43	2.1	23.38	<=38.45	Pass
			7	23.41	2.1	23.36	<=38.45	Pass
			14	23.43	2.1	23.38	<=38.45	Pass
		8	0	22.47	2.1	22.42	<=38.45	Pass
			4	22.53	2.1	22.48	<=38.45	Pass
			7	22.48	2.1	22.43	<=38.45	Pass
		15	0	22.44	2.1	22.39	<=38.45	Pass
16QAM	825.5	1	0	22.91	2.1	22.86	<=38.45	Pass
			7	22.83	2.1	22.78	<=38.45	Pass
			14	22.90	2.1	22.85	<=38.45	Pass
		8	0	21.56	2.1	21.51	<=38.45	Pass
			4	21.58	2.1	21.53	<=38.45	Pass
			7	21.53	2.1	21.48	<=38.45	Pass
		15	0	21.47	2.1	21.42	<=38.45	Pass
	836.5	1	0	22.45	2.1	22.4	<=38.45	Pass
			7	22.39	2.1	22.34	<=38.45	Pass
			14	22.58	2.1	22.53	<=38.45	Pass
		8	0	21.32	2.1	21.27	<=38.45	Pass
			4	21.43	2.1	21.38	<=38.45	Pass
			7	21.38	2.1	21.33	<=38.45	Pass
		15	0	21.32	2.1	21.27	<=38.45	Pass
	847.5	1	0	22.55	2.1	22.5	<=38.45	Pass
			7	22.35	2.1	22.3	<=38.45	Pass
			14	22.60	2.1	22.55	<=38.45	Pass



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		8	0	21.52	2.1	21.47	<=38.45	Pass		
			4	21.51	2.1	21.46	<=38.45	Pass		
			7	21.52	2.1	21.47	<=38.45	Pass		
		15	0	21.55	2.1	21.5	<=38.45	Pass		
64QAM	825.5	1	0	21.72	2.1	21.67	<=38.45	Pass		
			7	21.71	2.1	21.66	<=38.45	Pass		
			14	21.72	2.1	21.67	<=38.45	Pass		
		8	0	21.73	2.1	21.68	<=38.45	Pass		
			4	21.73	2.1	21.68	<=38.45	Pass		
			7	21.73	2.1	21.68	<=38.45	Pass		
		15	0	21.72	2.1	21.67	<=38.45	Pass		
		836.5	1	0	21.28	2.1	21.23	<=38.45	Pass	
				7	21.33	2.1	21.28	<=38.45	Pass	
	14			21.27	2.1	21.22	<=38.45	Pass		
	8		0	21.32	2.1	21.27	<=38.45	Pass		
			4	21.32	2.1	21.27	<=38.45	Pass		
			7	21.28	2.1	21.23	<=38.45	Pass		
	15		0	21.33	2.1	21.28	<=38.45	Pass		
	847.5		1	0	21.51	2.1	21.46	<=38.45	Pass	
				7	21.51	2.1	21.46	<=38.45	Pass	
		14		21.52	2.1	21.47	<=38.45	Pass		
		8	0	21.52	2.1	21.47	<=38.45	Pass		
			4	21.52	2.1	21.47	<=38.45	Pass		
			7	21.50	2.1	21.45	<=38.45	Pass		
		15	0	21.51	2.1	21.46	<=38.45	Pass		
		256QAM	825.5	1	0	18.50	2.1	18.45	<=38.45	Pass
					7	18.46	2.1	18.41	<=38.45	Pass
	14				18.51	2.1	18.46	<=38.45	Pass	
	8			0	18.45	2.1	18.4	<=38.45	Pass	
4				18.46	2.1	18.41	<=38.45	Pass		
7				18.45	2.1	18.4	<=38.45	Pass		
15	0			18.39	2.1	18.34	<=38.45	Pass		
836.5	1			0	18.59	2.1	18.54	<=38.45	Pass	
				7	18.51	2.1	18.46	<=38.45	Pass	
			14	18.55	2.1	18.5	<=38.45	Pass		
	8		0	18.38	2.1	18.33	<=38.45	Pass		
			4	18.52	2.1	18.47	<=38.45	Pass		
			7	18.48	2.1	18.43	<=38.45	Pass		
	15		0	18.36	2.1	18.31	<=38.45	Pass		
	847.5		1	0	18.70	2.1	18.65	<=38.45	Pass	
				7	18.55	2.1	18.5	<=38.45	Pass	
14				18.61	2.1	18.56	<=38.45	Pass		
8			0	18.58	2.1	18.53	<=38.45	Pass		
			4	18.56	2.1	18.51	<=38.45	Pass		
			7	18.53	2.1	18.48	<=38.45	Pass		
15			0	18.50	2.1	18.45	<=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	23.36	2.1	23.31	<=38.45	Pass
			13	23.30	2.1	23.25	<=38.45	Pass
			24	23.28	2.1	23.23	<=38.45	Pass
		12	0	22.40	2.1	22.35	<=38.45	Pass
			6	22.40	2.1	22.35	<=38.45	Pass
			13	22.38	2.1	22.33	<=38.45	Pass
		25	0	22.39	2.1	22.34	<=38.45	Pass
	836.5	1	0	23.34	2.1	23.29	<=38.45	Pass
			13	23.33	2.1	23.28	<=38.45	Pass
			24	23.33	2.1	23.28	<=38.45	Pass
		12	0	22.31	2.1	22.26	<=38.45	Pass
			6	22.36	2.1	22.31	<=38.45	Pass
			13	22.42	2.1	22.37	<=38.45	Pass
		25	0	22.35	2.1	22.3	<=38.45	Pass
	846.5	1	0	23.39	2.1	23.34	<=38.45	Pass
			13	23.45	2.1	23.4	<=38.45	Pass
			24	23.34	2.1	23.29	<=38.45	Pass
		12	0	22.44	2.1	22.39	<=38.45	Pass
			6	22.41	2.1	22.36	<=38.45	Pass
			13	22.54	2.1	22.49	<=38.45	Pass
		25	0	22.40	2.1	22.35	<=38.45	Pass
16QAM	826.5	1	0	22.37	2.1	22.32	<=38.45	Pass
			13	22.27	2.1	22.22	<=38.45	Pass
			24	22.26	2.1	22.21	<=38.45	Pass
		12	0	21.41	2.1	21.36	<=38.45	Pass
			6	21.39	2.1	21.34	<=38.45	Pass
			13	21.36	2.1	21.31	<=38.45	Pass
		25	0	21.45	2.1	21.4	<=38.45	Pass
	836.5	1	0	22.64	2.1	22.59	<=38.45	Pass
			13	22.60	2.1	22.55	<=38.45	Pass
			24	22.64	2.1	22.59	<=38.45	Pass
		12	0	21.40	2.1	21.35	<=38.45	Pass
			6	21.38	2.1	21.33	<=38.45	Pass
			13	21.45	2.1	21.4	<=38.45	Pass
		25	0	21.33	2.1	21.28	<=38.45	Pass
	846.5	1	0	22.47	2.1	22.42	<=38.45	Pass
			13	22.61	2.1	22.56	<=38.45	Pass
			24	22.42	2.1	22.37	<=38.45	Pass
		12	0	21.41	2.1	21.36	<=38.45	Pass
			6	21.41	2.1	21.36	<=38.45	Pass



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			13	21.48	2.1	21.43	<=38.45	Pass		
		25	0	21.47	2.1	21.42	<=38.45	Pass		
64QAM	826.5	1	0	21.64	2.1	21.59	<=38.45	Pass		
			13	21.62	2.1	21.57	<=38.45	Pass		
			24	21.65	2.1	21.6	<=38.45	Pass		
		12	0	21.65	2.1	21.6	<=38.45	Pass		
			6	21.65	2.1	21.6	<=38.45	Pass		
			13	21.64	2.1	21.59	<=38.45	Pass		
		25	0	21.65	2.1	21.6	<=38.45	Pass		
		836.5	1	0	21.41	2.1	21.36	<=38.45	Pass	
				13	21.42	2.1	21.37	<=38.45	Pass	
	24			21.40	2.1	21.35	<=38.45	Pass		
	12		0	21.43	2.1	21.38	<=38.45	Pass		
			6	21.41	2.1	21.36	<=38.45	Pass		
			13	21.41	2.1	21.36	<=38.45	Pass		
	25		0	21.39	2.1	21.34	<=38.45	Pass		
	846.5		1	0	22.10	2.1	22.05	<=38.45	Pass	
				13	22.18	2.1	22.13	<=38.45	Pass	
		24		22.17	2.1	22.12	<=38.45	Pass		
		12	0	22.20	2.1	22.15	<=38.45	Pass		
			6	22.18	2.1	22.13	<=38.45	Pass		
			13	22.16	2.1	22.11	<=38.45	Pass		
		25	0	22.15	2.1	22.1	<=38.45	Pass		
		256QAM	826.5	1	0	18.66	2.1	18.61	<=38.45	Pass
					13	18.71	2.1	18.66	<=38.45	Pass
	24				18.70	2.1	18.65	<=38.45	Pass	
12	0			18.43	2.1	18.38	<=38.45	Pass		
	6			18.41	2.1	18.36	<=38.45	Pass		
	13			18.34	2.1	18.29	<=38.45	Pass		
25	0			18.34	2.1	18.29	<=38.45	Pass		
836.5	1			0	18.26	2.1	18.21	<=38.45	Pass	
				13	18.25	2.1	18.2	<=38.45	Pass	
			24	18.30	2.1	18.25	<=38.45	Pass		
	12		0	18.28	2.1	18.23	<=38.45	Pass		
			6	18.31	2.1	18.26	<=38.45	Pass		
			13	18.36	2.1	18.31	<=38.45	Pass		
	25		0	18.36	2.1	18.31	<=38.45	Pass		
	846.5		1	0	18.57	2.1	18.52	<=38.45	Pass	
				13	18.70	2.1	18.65	<=38.45	Pass	
24				18.66	2.1	18.61	<=38.45	Pass		
12			0	18.47	2.1	18.42	<=38.45	Pass		
			6	18.46	2.1	18.41	<=38.45	Pass		
			13	18.57	2.1	18.52	<=38.45	Pass		
25			0	18.47	2.1	18.42	<=38.45	Pass		
Note1: ERP=Conducted Power+Antenna Gain-2.15										

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 / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.37	2.1	23.32	<=38.45	Pass
			25	23.31	2.1	23.26	<=38.45	Pass
			49	23.25	2.1	23.2	<=38.45	Pass
		25	0	22.35	2.1	22.3	<=38.45	Pass
			13	22.43	2.1	22.38	<=38.45	Pass
			25	22.41	2.1	22.36	<=38.45	Pass
		50	0	22.41	2.1	22.36	<=38.45	Pass
			0	23.25	2.1	23.2	<=38.45	Pass
			25	23.21	2.1	23.16	<=38.45	Pass
	836.5	1	0	23.25	2.1	23.2	<=38.45	Pass
			25	23.27	2.1	23.22	<=38.45	Pass
			49	23.27	2.1	23.22	<=38.45	Pass
		25	0	22.40	2.1	22.35	<=38.45	Pass
			13	22.36	2.1	22.31	<=38.45	Pass
			25	22.42	2.1	22.37	<=38.45	Pass
		50	0	22.35	2.1	22.3	<=38.45	Pass
			0	23.34	2.1	23.29	<=38.45	Pass
			25	23.33	2.1	23.28	<=38.45	Pass
	844	1	0	23.35	2.1	23.3	<=38.45	Pass
			25	22.39	2.1	22.34	<=38.45	Pass
			49	22.39	2.1	22.39	<=38.45	Pass
		25	0	22.44	2.1	22.39	<=38.45	Pass
			13	22.44	2.1	22.39	<=38.45	Pass
			25	22.51	2.1	22.46	<=38.45	Pass
		50	0	22.47	2.1	22.42	<=38.45	Pass
			0	23.07	2.1	23.02	<=38.45	Pass
			25	22.88	2.1	22.83	<=38.45	Pass
16QAM	829	1	0	22.93	2.1	22.88	<=38.45	Pass
			25	21.46	2.1	21.41	<=38.45	Pass
			49	21.49	2.1	21.44	<=38.45	Pass
		25	0	21.43	2.1	21.38	<=38.45	Pass
			13	21.43	2.1	21.32	<=38.45	Pass
			25	21.46	2.1	21.41	<=38.45	Pass
		50	0	21.37	2.1	21.32	<=38.45	Pass
			0	22.61	2.1	22.56	<=38.45	Pass
			25	22.47	2.1	22.42	<=38.45	Pass
	836.5	1	0	22.43	2.1	22.38	<=38.45	Pass
			25	21.37	2.1	21.32	<=38.45	Pass
			49	21.37	2.1	21.32	<=38.45	Pass
		25	0	21.37	2.1	21.32	<=38.45	Pass
			13	21.37	2.1	21.32	<=38.45	Pass
			25	21.46	2.1	21.41	<=38.45	Pass
		50	0	21.37	2.1	21.32	<=38.45	Pass
			0	22.42	2.1	22.37	<=38.45	Pass
			25	22.42	2.1	22.37	<=38.45	Pass
	844	1	0	22.44	2.1	22.39	<=38.45	Pass
			25	22.44	2.1	22.39	<=38.45	Pass
			49	22.44	2.1	22.39	<=38.45	Pass
		25	0	21.55	2.1	21.5	<=38.45	Pass
			13	21.53	2.1	21.48	<=38.45	Pass
			0	21.48	2.1	21.48	<=38.45	Pass



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64QAM	829	50	25	21.59	2.1	21.54	<=38.45	Pass
			0	21.49	2.1	21.44	<=38.45	Pass
			0	21.49	2.1	21.44	<=38.45	Pass
		25	25	21.50	2.1	21.45	<=38.45	Pass
			49	21.50	2.1	21.45	<=38.45	Pass
			0	21.49	2.1	21.44	<=38.45	Pass
		50	13	21.50	2.1	21.45	<=38.45	Pass
			25	21.50	2.1	21.45	<=38.45	Pass
			0	21.49	2.1	21.44	<=38.45	Pass
	836.5	1	0	21.42	2.1	21.37	<=38.45	Pass
			25	21.41	2.1	21.36	<=38.45	Pass
			49	21.47	2.1	21.42	<=38.45	Pass
		25	0	21.42	2.1	21.37	<=38.45	Pass
			13	21.42	2.1	21.37	<=38.45	Pass
			25	21.44	2.1	21.39	<=38.45	Pass
		50	0	21.41	2.1	21.36	<=38.45	Pass
			0	21.17	2.1	21.12	<=38.45	Pass
		844	25	21.17	2.1	21.12	<=38.45	Pass
			49	21.16	2.1	21.11	<=38.45	Pass
			0	21.15	2.1	21.1	<=38.45	Pass
256QAM	829	1	13	21.14	2.1	21.09	<=38.45	Pass
			25	21.17	2.1	21.12	<=38.45	Pass
			0	21.10	2.1	21.05	<=38.45	Pass
		25	0	18.51	2.1	18.46	<=38.45	Pass
			25	18.52	2.1	18.47	<=38.45	Pass
			49	18.51	2.1	18.46	<=38.45	Pass
		50	0	18.36	2.1	18.31	<=38.45	Pass
			13	18.39	2.1	18.34	<=38.45	Pass
			25	18.34	2.1	18.29	<=38.45	Pass
	836.5	1	0	18.38	2.1	18.33	<=38.45	Pass
			0	18.68	2.1	18.63	<=38.45	Pass
			25	18.72	2.1	18.67	<=38.45	Pass
		25	49	18.78	2.1	18.73	<=38.45	Pass
			0	18.32	2.1	18.27	<=38.45	Pass
			13	18.34	2.1	18.29	<=38.45	Pass
		50	25	18.42	2.1	18.37	<=38.45	Pass
			0	18.34	2.1	18.29	<=38.45	Pass
	844	1	0	18.20	2.1	18.15	<=38.45	Pass
			25	18.18	2.1	18.13	<=38.45	Pass
			49	18.20	2.1	18.15	<=38.45	Pass
		25	0	18.38	2.1	18.33	<=38.45	Pass
			13	18.42	2.1	18.37	<=38.45	Pass
			25	18.42	2.1	18.37	<=38.45	Pass
		50	0	18.43	2.1	18.38	<=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	3.55	14.720	0.0178	-2.5 to 2.5	Pass
					4.0	9.170	0.0111	-2.5 to 2.5	Pass
					4.4	6.709	0.0081	-2.5 to 2.5	Pass
				-30	4.0	4.892	0.0059	-2.5 to 2.5	Pass
				-20	4.0	3.047	0.0037	-2.5 to 2.5	Pass
				-10	4.0	3.204	0.0039	-2.5 to 2.5	Pass
				0	4.0	0.443	0.0005	-2.5 to 2.5	Pass
				10	4.0	2.360	0.0029	-2.5 to 2.5	Pass
				30	4.0	1.760	0.0021	-2.5 to 2.5	Pass
				40	4.0	0.172	0.0002	-2.5 to 2.5	Pass
				50	4.0	1.001	0.0012	-2.5 to 2.5	Pass
	836.5	6	0	20	3.55	-20.485	-0.0245	-2.5 to 2.5	Pass
					4.0	-12.732	-0.0152	-2.5 to 2.5	Pass
					4.4	-6.223	-0.0074	-2.5 to 2.5	Pass
				-30	4.0	-1.559	-0.0019	-2.5 to 2.5	Pass
				-20	4.0	-0.887	-0.0011	-2.5 to 2.5	Pass
				-10	4.0	-0.057	-0.0001	-2.5 to 2.5	Pass
				0	4.0	0.544	0.0007	-2.5 to 2.5	Pass
				10	4.0	0.858	0.0010	-2.5 to 2.5	Pass
				30	4.0	1.774	0.0021	-2.5 to 2.5	Pass
				40	4.0	1.173	0.0014	-2.5 to 2.5	Pass
				50	4.0	-0.172	-0.0002	-2.5 to 2.5	Pass
	848.3	6	0	20	3.55	-19.884	-0.0234	-2.5 to 2.5	Pass
					4.0	-12.002	-0.0141	-2.5 to 2.5	Pass
					4.4	-5.736	-0.0068	-2.5 to 2.5	Pass
				-30	4.0	-1.130	-0.0013	-2.5 to 2.5	Pass
				-20	4.0	0.458	0.0005	-2.5 to 2.5	Pass
				-10	4.0	-0.243	-0.0003	-2.5 to 2.5	Pass
				0	4.0	2.303	0.0027	-2.5 to 2.5	Pass
				10	4.0	1.745	0.0021	-2.5 to 2.5	Pass
				30	4.0	1.731	0.0020	-2.5 to 2.5	Pass
				40	4.0	2.704	0.0032	-2.5 to 2.5	Pass
				50	4.0	0.916	0.0011	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.55	1.645	0.0020	-2.5 to 2.5	Pass
					4.0	0.544	0.0007	-2.5 to 2.5	Pass
					4.4	0.758	0.0009	-2.5 to 2.5	Pass
				-30	4.0	1.159	0.0014	-2.5 to 2.5	Pass



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				-20	4.0	0.844	0.0010	-2.5 to 2.5	Pass
				-10	4.0	0.386	0.0005	-2.5 to 2.5	Pass
				0	4.0	0.672	0.0008	-2.5 to 2.5	Pass
				10	4.0	1.416	0.0017	-2.5 to 2.5	Pass
				30	4.0	1.802	0.0022	-2.5 to 2.5	Pass
				40	4.0	1.817	0.0022	-2.5 to 2.5	Pass
				50	4.0	1.059	0.0013	-2.5 to 2.5	Pass
	836.5	6	0	20	3.55	0.272	0.0003	-2.5 to 2.5	Pass
					4.0	1.459	0.0017	-2.5 to 2.5	Pass
					4.4	0.901	0.0011	-2.5 to 2.5	Pass
				-30	4.0	1.845	0.0022	-2.5 to 2.5	Pass
				-20	4.0	1.988	0.0024	-2.5 to 2.5	Pass
				-10	4.0	1.087	0.0013	-2.5 to 2.5	Pass
				0	4.0	1.230	0.0015	-2.5 to 2.5	Pass
				10	4.0	0.687	0.0008	-2.5 to 2.5	Pass
				30	4.0	0.658	0.0008	-2.5 to 2.5	Pass
				40	4.0	1.817	0.0022	-2.5 to 2.5	Pass
				50	4.0	1.845	0.0022	-2.5 to 2.5	Pass
	848.3	6	0	20	3.55	2.046	0.0024	-2.5 to 2.5	Pass
					4.0	1.588	0.0019	-2.5 to 2.5	Pass
					4.4	1.616	0.0019	-2.5 to 2.5	Pass
				-30	4.0	2.046	0.0024	-2.5 to 2.5	Pass
				-20	4.0	1.559	0.0018	-2.5 to 2.5	Pass
				-10	4.0	-0.014	0.0000	-2.5 to 2.5	Pass
				0	4.0	2.375	0.0028	-2.5 to 2.5	Pass
				10	4.0	1.903	0.0022	-2.5 to 2.5	Pass
				30	4.0	1.903	0.0022	-2.5 to 2.5	Pass
				40	4.0	1.760	0.0021	-2.5 to 2.5	Pass
				50	4.0	1.945	0.0023	-2.5 to 2.5	Pass
64QAM	824.7	6	0	20	3.55	16.480	0.0200	-2.5 to 2.5	Pass
					4.0	16.974	0.0206	-2.5 to 2.5	Pass
					4.4	14.265	0.0173	-2.5 to 2.5	Pass
				-30	4.0	13.877	0.0168	-2.5 to 2.5	Pass
				-20	4.0	11.253	0.0136	-2.5 to 2.5	Pass
				-10	4.0	8.579	0.0104	-2.5 to 2.5	Pass
				0	4.0	6.930	0.0084	-2.5 to 2.5	Pass
				10	4.0	5.004	0.0061	-2.5 to 2.5	Pass
				30	4.0	5.421	0.0066	-2.5 to 2.5	Pass
				40	4.0	3.328	0.0040	-2.5 to 2.5	Pass
				50	4.0	2.497	0.0030	-2.5 to 2.5	Pass
	836.5	6	0	20	3.55	-21.280	-0.0254	-2.5 to 2.5	Pass
					4.0	-20.496	-0.0245	-2.5 to 2.5	Pass
					4.4	-17.830	-0.0213	-2.5 to 2.5	Pass
				-30	4.0	-12.828	-0.0153	-2.5 to 2.5	Pass
				-20	4.0	-11.354	-0.0136	-2.5 to 2.5	Pass
				-10	4.0	-9.029	-0.0108	-2.5 to 2.5	Pass
				0	4.0	-6.396	-0.0076	-2.5 to 2.5	Pass
				10	4.0	-3.695	-0.0044	-2.5 to 2.5	Pass



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				30	4.0	-3.458	-0.0041	-2.5 to 2.5	Pass
				40	4.0	-1.983	-0.0024	-2.5 to 2.5	Pass
848.3	6	0		50	4.0	-1.599	-0.0019	-2.5 to 2.5	Pass
				20	3.55	-20.902	-0.0246	-2.5 to 2.5	Pass
					4.0	-21.857	-0.0258	-2.5 to 2.5	Pass
					4.4	-18.643	-0.0220	-2.5 to 2.5	Pass
				-30	4.0	-17.069	-0.0201	-2.5 to 2.5	Pass
				-20	4.0	-12.399	-0.0146	-2.5 to 2.5	Pass
				-10	4.0	-10.056	-0.0119	-2.5 to 2.5	Pass
				0	4.0	-6.322	-0.0075	-2.5 to 2.5	Pass
				10	4.0	-3.750	-0.0044	-2.5 to 2.5	Pass
				30	4.0	-5.005	-0.0059	-2.5 to 2.5	Pass
				40	4.0	-3.718	-0.0044	-2.5 to 2.5	Pass
				50	4.0	-2.027	-0.0024	-2.5 to 2.5	Pass
256QAM	824.7	6	0	20	3.55	3.014	0.0037	-2.5 to 2.5	Pass
					4.0	1.730	0.0021	-2.5 to 2.5	Pass
					4.4	0.894	0.0011	-2.5 to 2.5	Pass
				-30	4.0	1.527	0.0019	-2.5 to 2.5	Pass
				-20	4.0	2.505	0.0030	-2.5 to 2.5	Pass
				-10	4.0	2.586	0.0031	-2.5 to 2.5	Pass
				0	4.0	-0.737	-0.0009	-2.5 to 2.5	Pass
				10	4.0	0.663	0.0008	-2.5 to 2.5	Pass
				30	4.0	0.253	0.0003	-2.5 to 2.5	Pass
				40	4.0	2.021	0.0025	-2.5 to 2.5	Pass
				50	4.0	0.148	0.0002	-2.5 to 2.5	Pass
	836.5	6	0	20	3.55	0.180	0.0002	-2.5 to 2.5	Pass
					4.0	1.439	0.0017	-2.5 to 2.5	Pass
					4.4	0.230	0.0003	-2.5 to 2.5	Pass
				-30	4.0	0.194	0.0002	-2.5 to 2.5	Pass
				-20	4.0	-0.450	-0.0005	-2.5 to 2.5	Pass
				-10	4.0	-0.087	-0.0001	-2.5 to 2.5	Pass
				0	4.0	0.489	0.0006	-2.5 to 2.5	Pass
				10	4.0	0.519	0.0006	-2.5 to 2.5	Pass
				30	4.0	-0.316	-0.0004	-2.5 to 2.5	Pass
				40	4.0	2.903	0.0035	-2.5 to 2.5	Pass
				50	4.0	2.138	0.0026	-2.5 to 2.5	Pass
	848.3	6	0	20	3.55	-1.579	-0.0019	-2.5 to 2.5	Pass
					4.0	-0.457	-0.0005	-2.5 to 2.5	Pass
					4.4	0.176	0.0002	-2.5 to 2.5	Pass
				-30	4.0	0.841	0.0010	-2.5 to 2.5	Pass
				-20	4.0	-0.606	-0.0007	-2.5 to 2.5	Pass
				-10	4.0	0.358	0.0004	-2.5 to 2.5	Pass
				0	4.0	-0.368	-0.0004	-2.5 to 2.5	Pass
				10	4.0	0.048	0.0001	-2.5 to 2.5	Pass
				30	4.0	1.570	0.0019	-2.5 to 2.5	Pass
				40	4.0	0.740	0.0009	-2.5 to 2.5	Pass
				50	4.0	0.652	0.0008	-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	3.55	2.232	0.0027	-2.5 to 2.5	Pass
					4.0	2.818	0.0034	-2.5 to 2.5	Pass
					4.4	1.645	0.0020	-2.5 to 2.5	Pass
				-30	4.0	1.988	0.0024	-2.5 to 2.5	Pass
				-20	4.0	2.375	0.0029	-2.5 to 2.5	Pass
				-10	4.0	1.659	0.0020	-2.5 to 2.5	Pass
				0	4.0	1.187	0.0014	-2.5 to 2.5	Pass
				10	4.0	1.330	0.0016	-2.5 to 2.5	Pass
				30	4.0	2.675	0.0032	-2.5 to 2.5	Pass
				40	4.0	0.944	0.0011	-2.5 to 2.5	Pass
				50	4.0	2.289	0.0028	-2.5 to 2.5	Pass
	836.5	15	0	20	3.55	0.572	0.0007	-2.5 to 2.5	Pass
					4.0	1.674	0.0020	-2.5 to 2.5	Pass
					4.4	1.960	0.0023	-2.5 to 2.5	Pass
				-30	4.0	0.429	0.0005	-2.5 to 2.5	Pass
				-20	4.0	1.802	0.0022	-2.5 to 2.5	Pass
				-10	4.0	2.246	0.0027	-2.5 to 2.5	Pass
				0	4.0	0.100	0.0001	-2.5 to 2.5	Pass
				10	4.0	1.316	0.0016	-2.5 to 2.5	Pass
				30	4.0	2.575	0.0031	-2.5 to 2.5	Pass
				40	4.0	2.246	0.0027	-2.5 to 2.5	Pass
				50	4.0	1.130	0.0014	-2.5 to 2.5	Pass
	847.5	15	0	20	3.55	1.531	0.0018	-2.5 to 2.5	Pass
					4.0	1.616	0.0019	-2.5 to 2.5	Pass
					4.4	3.190	0.0038	-2.5 to 2.5	Pass
				-30	4.0	2.003	0.0024	-2.5 to 2.5	Pass
				-20	4.0	1.144	0.0013	-2.5 to 2.5	Pass
				-10	4.0	2.332	0.0028	-2.5 to 2.5	Pass
				0	4.0	2.546	0.0030	-2.5 to 2.5	Pass
				10	4.0	0.644	0.0008	-2.5 to 2.5	Pass
				30	4.0	3.262	0.0038	-2.5 to 2.5	Pass
				40	4.0	3.591	0.0042	-2.5 to 2.5	Pass
				50	4.0	1.945	0.0023	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.55	1.817	0.0022	-2.5 to 2.5	Pass
					4.0	3.018	0.0037	-2.5 to 2.5	Pass
					4.4	3.018	0.0037	-2.5 to 2.5	Pass
				-30	4.0	1.473	0.0018	-2.5 to 2.5	Pass
				-20	4.0	1.788	0.0022	-2.5 to 2.5	Pass
				-10	4.0	1.459	0.0018	-2.5 to 2.5	Pass
				0	4.0	0.758	0.0009	-2.5 to 2.5	Pass



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64QAM	836.5	15	0	10	4.0	2.532	0.0031	-2.5 to 2.5	Pass
				30	4.0	1.273	0.0015	-2.5 to 2.5	Pass
				40	4.0	1.159	0.0014	-2.5 to 2.5	Pass
				50	4.0	0.958	0.0012	-2.5 to 2.5	Pass
				20	3.55	1.373	0.0016	-2.5 to 2.5	Pass
					4.0	1.960	0.0023	-2.5 to 2.5	Pass
					4.4	1.187	0.0014	-2.5 to 2.5	Pass
				-30	4.0	0.801	0.0010	-2.5 to 2.5	Pass
				-20	4.0	1.488	0.0018	-2.5 to 2.5	Pass
				-10	4.0	1.073	0.0013	-2.5 to 2.5	Pass
				0	4.0	2.403	0.0029	-2.5 to 2.5	Pass
				10	4.0	1.373	0.0016	-2.5 to 2.5	Pass
				30	4.0	1.388	0.0017	-2.5 to 2.5	Pass
				40	4.0	1.717	0.0021	-2.5 to 2.5	Pass
				50	4.0	1.116	0.0013	-2.5 to 2.5	Pass
	847.5	15	0	20	3.55	1.574	0.0019	-2.5 to 2.5	Pass
					4.0	0.958	0.0011	-2.5 to 2.5	Pass
					4.4	2.275	0.0027	-2.5 to 2.5	Pass
				-30	4.0	2.618	0.0031	-2.5 to 2.5	Pass
				-20	4.0	1.259	0.0015	-2.5 to 2.5	Pass
				-10	4.0	1.445	0.0017	-2.5 to 2.5	Pass
				0	4.0	1.030	0.0012	-2.5 to 2.5	Pass
				10	4.0	1.960	0.0023	-2.5 to 2.5	Pass
				30	4.0	0.114	0.0001	-2.5 to 2.5	Pass
				40	4.0	0.157	0.0002	-2.5 to 2.5	Pass
				50	4.0	-0.401	-0.0005	-2.5 to 2.5	Pass
	825.5	15	0	20	3.55	1.701	0.0021	-2.5 to 2.5	Pass
					4.0	-0.534	-0.0006	-2.5 to 2.5	Pass
					4.4	-0.328	-0.0004	-2.5 to 2.5	Pass
				-30	4.0	-0.228	-0.0003	-2.5 to 2.5	Pass
				-20	4.0	-0.175	-0.0002	-2.5 to 2.5	Pass
				-10	4.0	0.962	0.0012	-2.5 to 2.5	Pass
				0	4.0	1.831	0.0022	-2.5 to 2.5	Pass
				10	4.0	2.055	0.0025	-2.5 to 2.5	Pass
				30	4.0	2.026	0.0025	-2.5 to 2.5	Pass
				40	4.0	2.275	0.0028	-2.5 to 2.5	Pass
				50	4.0	0.939	0.0011	-2.5 to 2.5	Pass
	836.5	15	0	20	3.55	1.521	0.0018	-2.5 to 2.5	Pass
					4.0	2.112	0.0025	-2.5 to 2.5	Pass
					4.4	1.671	0.0020	-2.5 to 2.5	Pass
				-30	4.0	1.612	0.0019	-2.5 to 2.5	Pass
				-20	4.0	1.843	0.0022	-2.5 to 2.5	Pass
				-10	4.0	1.293	0.0015	-2.5 to 2.5	Pass
				0	4.0	1.471	0.0018	-2.5 to 2.5	Pass
				10	4.0	2.260	0.0027	-2.5 to 2.5	Pass
				30	4.0	1.281	0.0015	-2.5 to 2.5	Pass
				40	4.0	1.326	0.0016	-2.5 to 2.5	Pass
				50	4.0	1.428	0.0017	-2.5 to 2.5	Pass



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847.5	15	0	20	3.55	1.631	0.0019	-2.5 to 2.5	Pass
				4.0	0.997	0.0012	-2.5 to 2.5	Pass
				4.4	0.749	0.0009	-2.5 to 2.5	Pass
			-30	4.0	0.793	0.0009	-2.5 to 2.5	Pass
			-20	4.0	1.837	0.0022	-2.5 to 2.5	Pass
			-10	4.0	0.809	0.0010	-2.5 to 2.5	Pass
			0	4.0	0.838	0.0010	-2.5 to 2.5	Pass
			10	4.0	1.277	0.0015	-2.5 to 2.5	Pass
			30	4.0	0.962	0.0011	-2.5 to 2.5	Pass
			40	4.0	2.042	0.0024	-2.5 to 2.5	Pass
			50	4.0	1.094	0.0013	-2.5 to 2.5	Pass
256QAM	825.5	15	20	3.55	0.614	0.0007	-2.5 to 2.5	Pass
				4.0	0.587	0.0007	-2.5 to 2.5	Pass
				4.4	1.053	0.0013	-2.5 to 2.5	Pass
			-30	4.0	1.901	0.0023	-2.5 to 2.5	Pass
			-20	4.0	1.017	0.0012	-2.5 to 2.5	Pass
			-10	4.0	-0.174	-0.0002	-2.5 to 2.5	Pass
			0	4.0	-0.264	-0.0003	-2.5 to 2.5	Pass
			10	4.0	0.548	0.0007	-2.5 to 2.5	Pass
			30	4.0	0.872	0.0011	-2.5 to 2.5	Pass
			40	4.0	0.713	0.0009	-2.5 to 2.5	Pass
			50	4.0	1.465	0.0018	-2.5 to 2.5	Pass
	836.5	15	20	3.55	2.053	0.0025	-2.5 to 2.5	Pass
				4.0	1.841	0.0022	-2.5 to 2.5	Pass
				4.4	0.373	0.0004	-2.5 to 2.5	Pass
			-30	4.0	0.076	0.0001	-2.5 to 2.5	Pass
			-20	4.0	0.515	0.0006	-2.5 to 2.5	Pass
			-10	4.0	0.914	0.0011	-2.5 to 2.5	Pass
			0	4.0	1.286	0.0015	-2.5 to 2.5	Pass
			10	4.0	1.383	0.0017	-2.5 to 2.5	Pass
			30	4.0	0.989	0.0012	-2.5 to 2.5	Pass
			40	4.0	0.575	0.0007	-2.5 to 2.5	Pass
			50	4.0	2.074	0.0025	-2.5 to 2.5	Pass
	847.5	15	20	3.55	0.994	0.0012	-2.5 to 2.5	Pass
				4.0	0.307	0.0004	-2.5 to 2.5	Pass
				4.4	0.054	0.0001	-2.5 to 2.5	Pass
			-30	4.0	0.590	0.0007	-2.5 to 2.5	Pass
			-20	4.0	0.268	0.0003	-2.5 to 2.5	Pass
			-10	4.0	-0.035	0.0000	-2.5 to 2.5	Pass
			0	4.0	0.732	0.0009	-2.5 to 2.5	Pass
			10	4.0	1.441	0.0017	-2.5 to 2.5	Pass
			30	4.0	1.702	0.0020	-2.5 to 2.5	Pass
			40	4.0	1.007	0.0012	-2.5 to 2.5	Pass
			50	4.0	-0.086	-0.0001	-2.5 to 2.5	Pass

2.3 B5_5MHz



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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	3.55	0.172	0.0002	-2.5 to 2.5	Pass
					4.0	0.715	0.0009	-2.5 to 2.5	Pass
					4.4	0.815	0.0010	-2.5 to 2.5	Pass
				-30	4.0	-0.801	-0.0010	-2.5 to 2.5	Pass
				-20	4.0	-0.172	-0.0002	-2.5 to 2.5	Pass
				-10	4.0	1.216	0.0015	-2.5 to 2.5	Pass
				0	4.0	0.229	0.0003	-2.5 to 2.5	Pass
				10	4.0	-0.587	-0.0007	-2.5 to 2.5	Pass
				30	4.0	1.445	0.0017	-2.5 to 2.5	Pass
				40	4.0	0.558	0.0007	-2.5 to 2.5	Pass
				50	4.0	-0.572	-0.0007	-2.5 to 2.5	Pass
	836.5	25	0	20	3.55	-0.129	-0.0002	-2.5 to 2.5	Pass
					4.0	-1.130	-0.0014	-2.5 to 2.5	Pass
					4.4	-0.472	-0.0006	-2.5 to 2.5	Pass
				-30	4.0	0.901	0.0011	-2.5 to 2.5	Pass
				-20	4.0	-1.674	-0.0020	-2.5 to 2.5	Pass
				-10	4.0	-2.046	-0.0024	-2.5 to 2.5	Pass
				0	4.0	-0.987	-0.0012	-2.5 to 2.5	Pass
				10	4.0	-0.443	-0.0005	-2.5 to 2.5	Pass
				30	4.0	-1.616	-0.0019	-2.5 to 2.5	Pass
				40	4.0	-0.329	-0.0004	-2.5 to 2.5	Pass
				50	4.0	-1.774	-0.0021	-2.5 to 2.5	Pass
	846.5	25	0	20	3.55	-0.043	-0.0001	-2.5 to 2.5	Pass
					4.0	-0.501	-0.0006	-2.5 to 2.5	Pass
					4.4	0.830	0.0010	-2.5 to 2.5	Pass
				-30	4.0	-0.615	-0.0007	-2.5 to 2.5	Pass
				-20	4.0	-0.272	-0.0003	-2.5 to 2.5	Pass
				-10	4.0	0.129	0.0002	-2.5 to 2.5	Pass
				0	4.0	1.373	0.0016	-2.5 to 2.5	Pass
				10	4.0	0.215	0.0003	-2.5 to 2.5	Pass
				30	4.0	0.272	0.0003	-2.5 to 2.5	Pass
				40	4.0	0.172	0.0002	-2.5 to 2.5	Pass
				50	4.0	0.844	0.0010	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.55	-0.086	-0.0001	-2.5 to 2.5	Pass
					4.0	0.386	0.0005	-2.5 to 2.5	Pass
					4.4	0.157	0.0002	-2.5 to 2.5	Pass
				-30	4.0	-0.086	-0.0001	-2.5 to 2.5	Pass
				-20	4.0	0.300	0.0004	-2.5 to 2.5	Pass
				-10	4.0	-0.358	-0.0004	-2.5 to 2.5	Pass
				0	4.0	-0.873	-0.0011	-2.5 to 2.5	Pass
				10	4.0	0.343	0.0004	-2.5 to 2.5	Pass
				30	4.0	-0.672	-0.0008	-2.5 to 2.5	Pass
				40	4.0	-0.801	-0.0010	-2.5 to 2.5	Pass



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64QAM	836.5	25	0	50	4.0	-1.001	-0.0012	-2.5 to 2.5	Pass
				20	3.55	-1.388	-0.0017	-2.5 to 2.5	Pass
					4.0	-0.615	-0.0007	-2.5 to 2.5	Pass
					4.4	-1.059	-0.0013	-2.5 to 2.5	Pass
				-30	4.0	-1.273	-0.0015	-2.5 to 2.5	Pass
				-20	4.0	-0.358	-0.0004	-2.5 to 2.5	Pass
				-10	4.0	-1.287	-0.0015	-2.5 to 2.5	Pass
				0	4.0	-0.329	-0.0004	-2.5 to 2.5	Pass
				10	4.0	-0.787	-0.0009	-2.5 to 2.5	Pass
				30	4.0	-0.243	-0.0003	-2.5 to 2.5	Pass
				40	4.0	-0.458	-0.0005	-2.5 to 2.5	Pass
				50	4.0	0.300	0.0004	-2.5 to 2.5	Pass
	846.5	25	0	20	3.55	0.200	0.0002	-2.5 to 2.5	Pass
					4.0	0.043	0.0001	-2.5 to 2.5	Pass
					4.4	1.073	0.0013	-2.5 to 2.5	Pass
				-30	4.0	0.744	0.0009	-2.5 to 2.5	Pass
				-20	4.0	1.502	0.0018	-2.5 to 2.5	Pass
				-10	4.0	0.272	0.0003	-2.5 to 2.5	Pass
				0	4.0	0.730	0.0009	-2.5 to 2.5	Pass
				10	4.0	0.644	0.0008	-2.5 to 2.5	Pass
				30	4.0	2.031	0.0024	-2.5 to 2.5	Pass
				40	4.0	1.459	0.0017	-2.5 to 2.5	Pass
				50	4.0	1.602	0.0019	-2.5 to 2.5	Pass
	826.5	25	0	20	3.55	-0.276	-0.0003	-2.5 to 2.5	Pass
					4.0	-0.194	-0.0002	-2.5 to 2.5	Pass
					4.4	-0.888	-0.0011	-2.5 to 2.5	Pass
				-30	4.0	0.334	0.0004	-2.5 to 2.5	Pass
				-20	4.0	-0.046	-0.0001	-2.5 to 2.5	Pass
				-10	4.0	0.004	0.0000	-2.5 to 2.5	Pass
				0	4.0	1.271	0.0015	-2.5 to 2.5	Pass
				10	4.0	0.159	0.0002	-2.5 to 2.5	Pass
				30	4.0	-0.306	-0.0004	-2.5 to 2.5	Pass
				40	4.0	0.717	0.0009	-2.5 to 2.5	Pass
				50	4.0	-0.688	-0.0008	-2.5 to 2.5	Pass
	836.5	25	0	20	3.55	1.695	0.0020	-2.5 to 2.5	Pass
					4.0	1.161	0.0014	-2.5 to 2.5	Pass
					4.4	-0.557	-0.0007	-2.5 to 2.5	Pass
				-30	4.0	1.164	0.0014	-2.5 to 2.5	Pass
				-20	4.0	0.049	0.0001	-2.5 to 2.5	Pass
				-10	4.0	0.971	0.0012	-2.5 to 2.5	Pass
				0	4.0	0.271	0.0003	-2.5 to 2.5	Pass
				10	4.0	-0.004	0.0000	-2.5 to 2.5	Pass
				30	4.0	0.136	0.0002	-2.5 to 2.5	Pass
				40	4.0	1.137	0.0014	-2.5 to 2.5	Pass
				50	4.0	0.477	0.0006	-2.5 to 2.5	Pass
	846.5	25	0	20	3.55	1.662	0.0020	-2.5 to 2.5	Pass
					4.0	1.185	0.0014	-2.5 to 2.5	Pass
					4.4	0.658	0.0008	-2.5 to 2.5	Pass



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				-30	4.0	0.832	0.0010	-2.5 to 2.5	Pass
				-20	4.0	1.130	0.0013	-2.5 to 2.5	Pass
				-10	4.0	0.725	0.0009	-2.5 to 2.5	Pass
				0	4.0	0.636	0.0008	-2.5 to 2.5	Pass
				10	4.0	0.739	0.0009	-2.5 to 2.5	Pass
				30	4.0	0.805	0.0010	-2.5 to 2.5	Pass
				40	4.0	1.366	0.0016	-2.5 to 2.5	Pass
				50	4.0	0.057	0.0001	-2.5 to 2.5	Pass
256QAM	826.5	25	0	20	3.55	0.041	0.0000	-2.5 to 2.5	Pass
					4.0	0.659	0.0008	-2.5 to 2.5	Pass
					4.4	0.102	0.0001	-2.5 to 2.5	Pass
				-30	4.0	1.011	0.0012	-2.5 to 2.5	Pass
				-20	4.0	1.018	0.0012	-2.5 to 2.5	Pass
				-10	4.0	-0.230	-0.0003	-2.5 to 2.5	Pass
				0	4.0	-0.423	-0.0005	-2.5 to 2.5	Pass
				10	4.0	0.897	0.0011	-2.5 to 2.5	Pass
				30	4.0	1.513	0.0018	-2.5 to 2.5	Pass
				40	4.0	0.511	0.0006	-2.5 to 2.5	Pass
				50	4.0	-0.186	-0.0002	-2.5 to 2.5	Pass
	836.5	25	0	20	3.55	0.834	0.0010	-2.5 to 2.5	Pass
					4.0	1.343	0.0016	-2.5 to 2.5	Pass
					4.4	1.166	0.0014	-2.5 to 2.5	Pass
				-30	4.0	0.952	0.0011	-2.5 to 2.5	Pass
				-20	4.0	0.621	0.0007	-2.5 to 2.5	Pass
				-10	4.0	0.776	0.0009	-2.5 to 2.5	Pass
				0	4.0	0.339	0.0004	-2.5 to 2.5	Pass
				10	4.0	0.377	0.0005	-2.5 to 2.5	Pass
				30	4.0	0.690	0.0008	-2.5 to 2.5	Pass
				40	4.0	0.798	0.0010	-2.5 to 2.5	Pass
				50	4.0	0.511	0.0006	-2.5 to 2.5	Pass
	846.5	25	0	20	3.55	0.026	0.0000	-2.5 to 2.5	Pass
					4.0	0.414	0.0005	-2.5 to 2.5	Pass
					4.4	1.187	0.0014	-2.5 to 2.5	Pass
				-30	4.0	0.876	0.0010	-2.5 to 2.5	Pass
				-20	4.0	0.870	0.0010	-2.5 to 2.5	Pass
				-10	4.0	1.060	0.0013	-2.5 to 2.5	Pass
				0	4.0	0.594	0.0007	-2.5 to 2.5	Pass
				10	4.0	1.066	0.0013	-2.5 to 2.5	Pass
				30	4.0	1.159	0.0014	-2.5 to 2.5	Pass
				40	4.0	1.071	0.0013	-2.5 to 2.5	Pass
				50	4.0	0.318	0.0004	-2.5 to 2.5	Pass

2.4 B5_10MHz

2.4.1 Test Result



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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	3.55	0.286	0.0003	-2.5 to 2.5	Pass
					4.0	-1.044	-0.0013	-2.5 to 2.5	Pass
					4.4	-0.014	0.0000	-2.5 to 2.5	Pass
				-30	4.0	0.873	0.0011	-2.5 to 2.5	Pass
				-20	4.0	0.916	0.0011	-2.5 to 2.5	Pass
				-10	4.0	0.114	0.0001	-2.5 to 2.5	Pass
				0	4.0	1.459	0.0018	-2.5 to 2.5	Pass
				10	4.0	0.300	0.0004	-2.5 to 2.5	Pass
				30	4.0	0.200	0.0002	-2.5 to 2.5	Pass
				40	4.0	1.073	0.0013	-2.5 to 2.5	Pass
				50	4.0	0.715	0.0009	-2.5 to 2.5	Pass
	836.5	50	0	20	3.55	-0.744	-0.0009	-2.5 to 2.5	Pass
					4.0	-0.629	-0.0008	-2.5 to 2.5	Pass
					4.4	-0.429	-0.0005	-2.5 to 2.5	Pass
				-30	4.0	-1.245	-0.0015	-2.5 to 2.5	Pass
				-20	4.0	-0.429	-0.0005	-2.5 to 2.5	Pass
				-10	4.0	0.615	0.0007	-2.5 to 2.5	Pass
				0	4.0	-0.730	-0.0009	-2.5 to 2.5	Pass
				10	4.0	-1.030	-0.0012	-2.5 to 2.5	Pass
				30	4.0	0.029	0.0000	-2.5 to 2.5	Pass
				40	4.0	-0.601	-0.0007	-2.5 to 2.5	Pass
				50	4.0	0.343	0.0004	-2.5 to 2.5	Pass
	844	50	0	20	3.55	-0.858	-0.0010	-2.5 to 2.5	Pass
					4.0	-0.916	-0.0011	-2.5 to 2.5	Pass
					4.4	-0.987	-0.0012	-2.5 to 2.5	Pass
				-30	4.0	-0.114	-0.0001	-2.5 to 2.5	Pass
				-20	4.0	-1.717	-0.0020	-2.5 to 2.5	Pass
				-10	4.0	0.043	0.0001	-2.5 to 2.5	Pass
				0	4.0	-1.802	-0.0021	-2.5 to 2.5	Pass
				10	4.0	-0.501	-0.0006	-2.5 to 2.5	Pass
				30	4.0	-1.688	-0.0020	-2.5 to 2.5	Pass
				40	4.0	-1.717	-0.0020	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.55	0.100	0.0001	-2.5 to 2.5	Pass
					4.0	1.230	0.0015	-2.5 to 2.5	Pass
					4.4	-0.544	-0.0007	-2.5 to 2.5	Pass
				-30	4.0	0.000	0.0000	-2.5 to 2.5	Pass
				-20	4.0	-0.629	-0.0008	-2.5 to 2.5	Pass
				-10	4.0	-1.016	-0.0012	-2.5 to 2.5	Pass
				0	4.0	0.100	0.0001	-2.5 to 2.5	Pass
				10	4.0	0.644	0.0008	-2.5 to 2.5	Pass
				30	4.0	1.187	0.0014	-2.5 to 2.5	Pass
				40	4.0	0.272	0.0003	-2.5 to 2.5	Pass
				50	4.0	1.216	0.0015	-2.5 to 2.5	Pass
	836.5	50	0	20	3.55	0.243	0.0003	-2.5 to 2.5	Pass



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64QAM					4.0	0.529	0.0006	-2.5 to 2.5	Pass
					4.4	-0.272	-0.0003	-2.5 to 2.5	Pass
				-30	4.0	0.000	0.0000	-2.5 to 2.5	Pass
				-20	4.0	0.429	0.0005	-2.5 to 2.5	Pass
				-10	4.0	0.472	0.0006	-2.5 to 2.5	Pass
				0	4.0	0.529	0.0006	-2.5 to 2.5	Pass
				10	4.0	0.758	0.0009	-2.5 to 2.5	Pass
				30	4.0	0.730	0.0009	-2.5 to 2.5	Pass
				40	4.0	-0.072	-0.0001	-2.5 to 2.5	Pass
				50	4.0	0.000	0.0000	-2.5 to 2.5	Pass
	844	50	0	20	3.55	-2.518	-0.0030	-2.5 to 2.5	Pass
					4.0	-2.060	-0.0024	-2.5 to 2.5	Pass
					4.4	-1.001	-0.0012	-2.5 to 2.5	Pass
				-30	4.0	-0.930	-0.0011	-2.5 to 2.5	Pass
				-20	4.0	-1.931	-0.0023	-2.5 to 2.5	Pass
				-10	4.0	-1.001	-0.0012	-2.5 to 2.5	Pass
				0	4.0	-0.873	-0.0010	-2.5 to 2.5	Pass
				10	4.0	-1.717	-0.0020	-2.5 to 2.5	Pass
				30	4.0	0.029	0.0000	-2.5 to 2.5	Pass
				40	4.0	-0.372	-0.0004	-2.5 to 2.5	Pass
				50	4.0	-1.845	-0.0022	-2.5 to 2.5	Pass
	829	50	0	20	3.55	-0.362	-0.0004	-2.5 to 2.5	Pass
					4.0	0.947	0.0011	-2.5 to 2.5	Pass
					4.4	0.779	0.0009	-2.5 to 2.5	Pass
				-30	4.0	0.871	0.0011	-2.5 to 2.5	Pass
				-20	4.0	0.591	0.0007	-2.5 to 2.5	Pass
				-10	4.0	0.210	0.0003	-2.5 to 2.5	Pass
				0	4.0	0.597	0.0007	-2.5 to 2.5	Pass
				10	4.0	1.204	0.0015	-2.5 to 2.5	Pass
				30	4.0	0.918	0.0011	-2.5 to 2.5	Pass
				40	4.0	1.376	0.0017	-2.5 to 2.5	Pass
				50	4.0	0.849	0.0010	-2.5 to 2.5	Pass
	836.5	50	0	20	3.55	-0.086	-0.0001	-2.5 to 2.5	Pass
					4.0	0.147	0.0002	-2.5 to 2.5	Pass
					4.4	-0.465	-0.0006	-2.5 to 2.5	Pass
				-30	4.0	-0.489	-0.0006	-2.5 to 2.5	Pass
				-20	4.0	-2.469	-0.0030	-2.5 to 2.5	Pass
				-10	4.0	-2.223	-0.0027	-2.5 to 2.5	Pass
				0	4.0	-2.079	-0.0025	-2.5 to 2.5	Pass
				10	4.0	-1.820	-0.0022	-2.5 to 2.5	Pass
				30	4.0	-1.505	-0.0018	-2.5 to 2.5	Pass
				40	4.0	-1.242	-0.0015	-2.5 to 2.5	Pass
				50	4.0	-1.797	-0.0021	-2.5 to 2.5	Pass
	844	50	0	20	3.55	-0.828	-0.0010	-2.5 to 2.5	Pass
					4.0	-1.175	-0.0014	-2.5 to 2.5	Pass
				-30	4.4	-0.928	-0.0011	-2.5 to 2.5	Pass
					4.0	-0.949	-0.0011	-2.5 to 2.5	Pass
				-20	4.0	-0.939	-0.0011	-2.5 to 2.5	Pass



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				-10	4.0	-1.087	-0.0013	-2.5 to 2.5	Pass
				0	4.0	-1.647	-0.0020	-2.5 to 2.5	Pass
				10	4.0	-1.545	-0.0018	-2.5 to 2.5	Pass
				30	4.0	-1.486	-0.0018	-2.5 to 2.5	Pass
				40	4.0	-1.681	-0.0020	-2.5 to 2.5	Pass
				50	4.0	-0.256	-0.0003	-2.5 to 2.5	Pass
256QAM	829	50	0	20	3.55	1.259	0.0015	-2.5 to 2.5	Pass
					4.0	0.643	0.0008	-2.5 to 2.5	Pass
					4.4	0.993	0.0012	-2.5 to 2.5	Pass
				-30	4.0	0.482	0.0006	-2.5 to 2.5	Pass
				-20	4.0	-0.344	-0.0004	-2.5 to 2.5	Pass
				-10	4.0	0.411	0.0005	-2.5 to 2.5	Pass
				0	4.0	-0.275	-0.0003	-2.5 to 2.5	Pass
				10	4.0	0.267	0.0003	-2.5 to 2.5	Pass
				30	4.0	-0.062	-0.0001	-2.5 to 2.5	Pass
				40	4.0	-0.690	-0.0008	-2.5 to 2.5	Pass
				50	4.0	-0.745	-0.0009	-2.5 to 2.5	Pass
	836.5	50	0	20	3.55	-1.397	-0.0017	-2.5 to 2.5	Pass
					4.0	-1.694	-0.0020	-2.5 to 2.5	Pass
					4.4	-1.854	-0.0022	-2.5 to 2.5	Pass
				-30	4.0	-0.820	-0.0010	-2.5 to 2.5	Pass
				-20	4.0	-1.762	-0.0021	-2.5 to 2.5	Pass
				-10	4.0	-1.114	-0.0013	-2.5 to 2.5	Pass
				0	4.0	-1.674	-0.0020	-2.5 to 2.5	Pass
				10	4.0	-2.372	-0.0028	-2.5 to 2.5	Pass
				30	4.0	-1.531	-0.0018	-2.5 to 2.5	Pass
				40	4.0	-2.085	-0.0025	-2.5 to 2.5	Pass
				50	4.0	-1.959	-0.0023	-2.5 to 2.5	Pass
	844	50	0	20	3.55	0.016	0.0000	-2.5 to 2.5	Pass
					4.0	0.624	0.0007	-2.5 to 2.5	Pass
					4.4	0.504	0.0006	-2.5 to 2.5	Pass
				-30	4.0	-0.483	-0.0006	-2.5 to 2.5	Pass
				-20	4.0	-0.187	-0.0002	-2.5 to 2.5	Pass
				-10	4.0	-0.845	-0.0010	-2.5 to 2.5	Pass
				0	4.0	-0.077	-0.0001	-2.5 to 2.5	Pass
				10	4.0	0.157	0.0002	-2.5 to 2.5	Pass
				30	4.0	-0.810	-0.0010	-2.5 to 2.5	Pass
				40	4.0	0.771	0.0009	-2.5 to 2.5	Pass
				50	4.0	-0.087	-0.0001	-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	1.106	/	Pass
		836.5	6	0	1.101	/	Pass
		848.3	6	0	1.119	/	Pass
	16QAM	824.7	6	0	1.105	/	Pass
		836.5	6	0	1.104	/	Pass
		848.3	6	0	1.107	/	Pass
	64QAM	824.7	6	0	1.101	/	Pass
		836.5	6	0	1.106	/	Pass
		848.3	6	0	1.101	/	Pass
	256QAM	824.7	6	0	1.100	/	Pass
		836.5	6	0	1.102	/	Pass
		848.3	6	0	1.107	/	Pass
3	QPSK	825.5	15	0	2.737	/	Pass
		836.5	15	0	2.741	/	Pass
		847.5	15	0	2.737	/	Pass
	16QAM	825.5	15	0	2.734	/	Pass
		836.5	15	0	2.738	/	Pass
		847.5	15	0	2.739	/	Pass
	64QAM	825.5	15	0	2.736	/	Pass
		836.5	15	0	2.724	/	Pass
		847.5	15	0	2.733	/	Pass
	256QAM	825.5	15	0	2.749	/	Pass
		836.5	15	0	2.733	/	Pass
		847.5	15	0	2.745	/	Pass
5	QPSK	826.5	25	0	4.562	/	Pass
		836.5	25	0	4.533	/	Pass
		846.5	25	0	4.548	/	Pass
	16QAM	826.5	25	0	4.547	/	Pass
		836.5	25	0	4.557	/	Pass
		846.5	25	0	4.560	/	Pass
	64QAM	826.5	25	0	4.574	/	Pass
		836.5	25	0	4.557	/	Pass
		846.5	25	0	4.551	/	Pass
	256QAM	826.5	25	0	4.583	/	Pass
		836.5	25	0	4.557	/	Pass
		846.5	25	0	4.549	/	Pass
10	QPSK	829	50	0	9.072	/	Pass



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		836.5	50	0	9.050	/	Pass
		844	50	0	9.057	/	Pass
	16QAM	829	50	0	9.035	/	Pass
		836.5	50	0	9.040	/	Pass
		844	50	0	9.056	/	Pass
	64QAM	829	50	0	9.074	/	Pass
		836.5	50	0	9.031	/	Pass
		844	50	0	9.048	/	Pass
	256QAM	829	50	0	9.042	/	Pass
		836.5	50	0	9.050	/	Pass
		844	50	0	9.093	/	Pass



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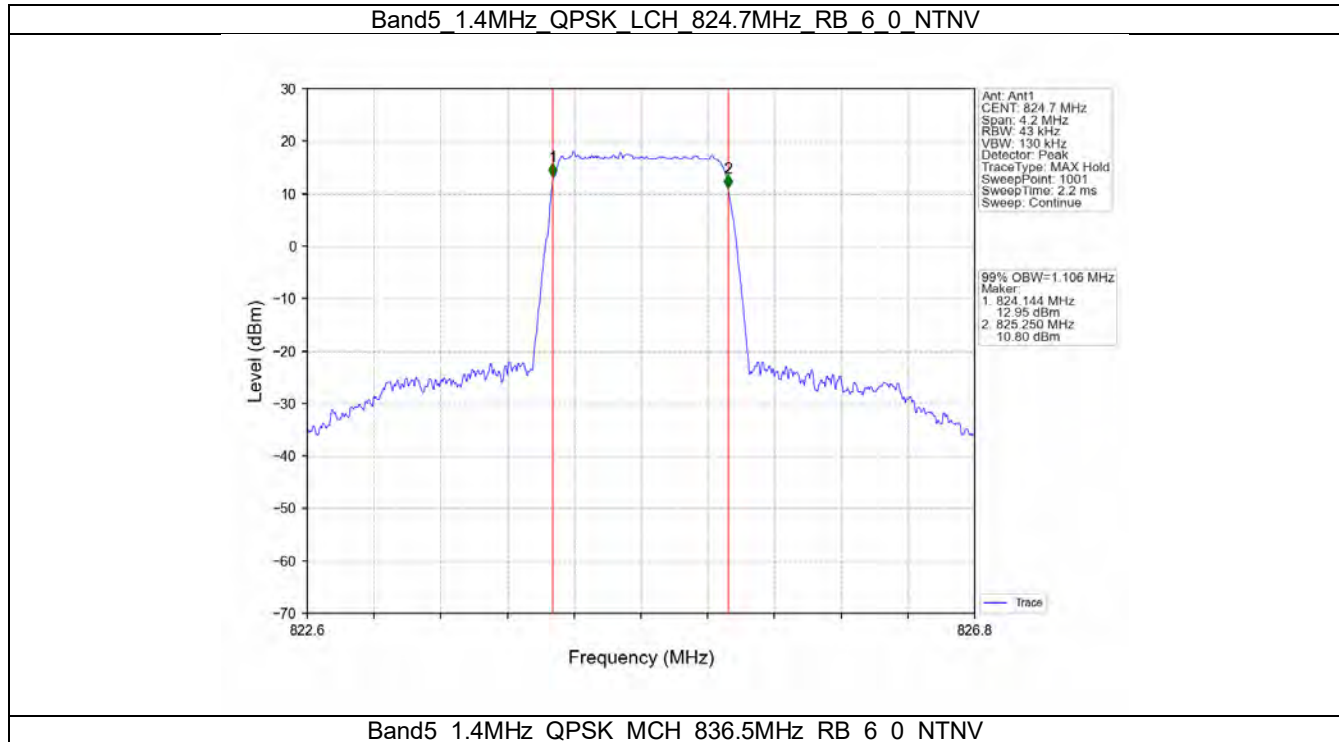
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3.1.2 Test Graph



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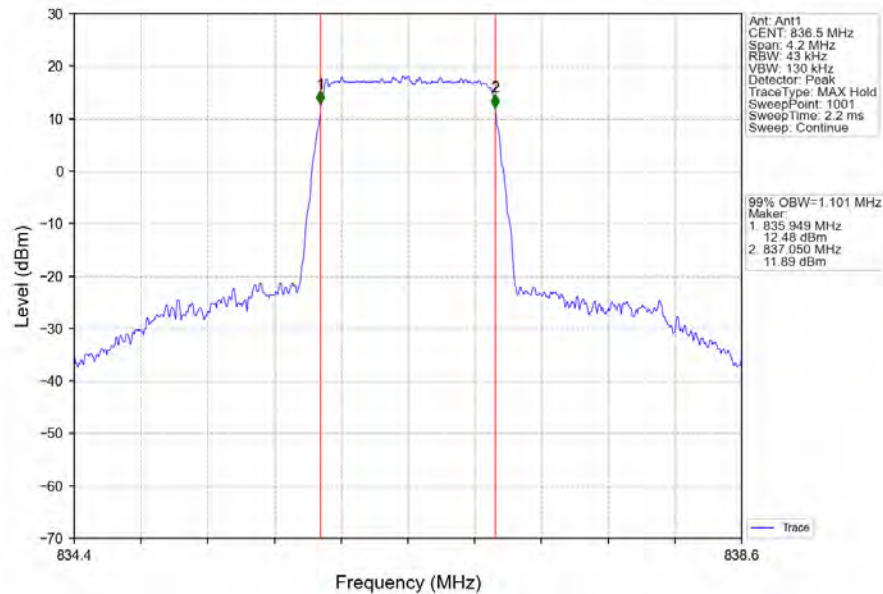


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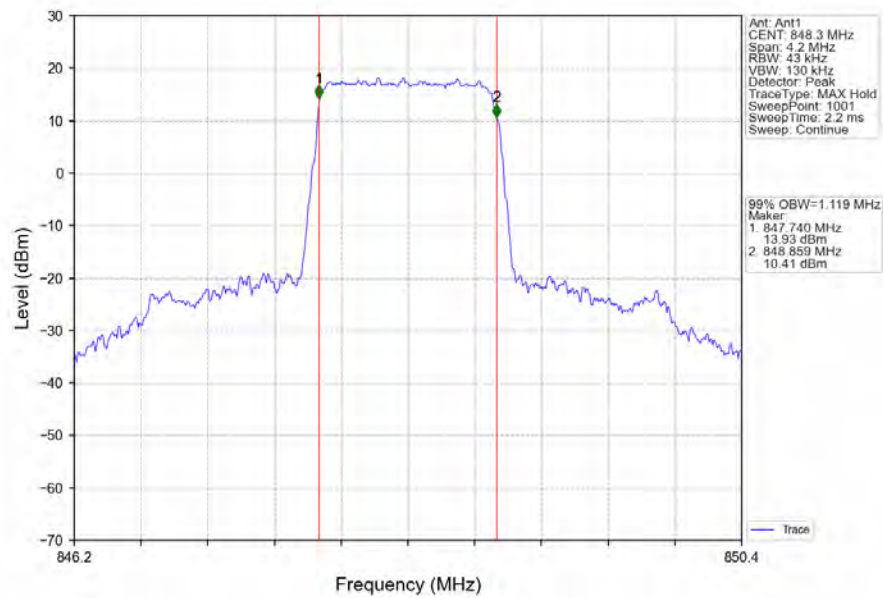
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Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



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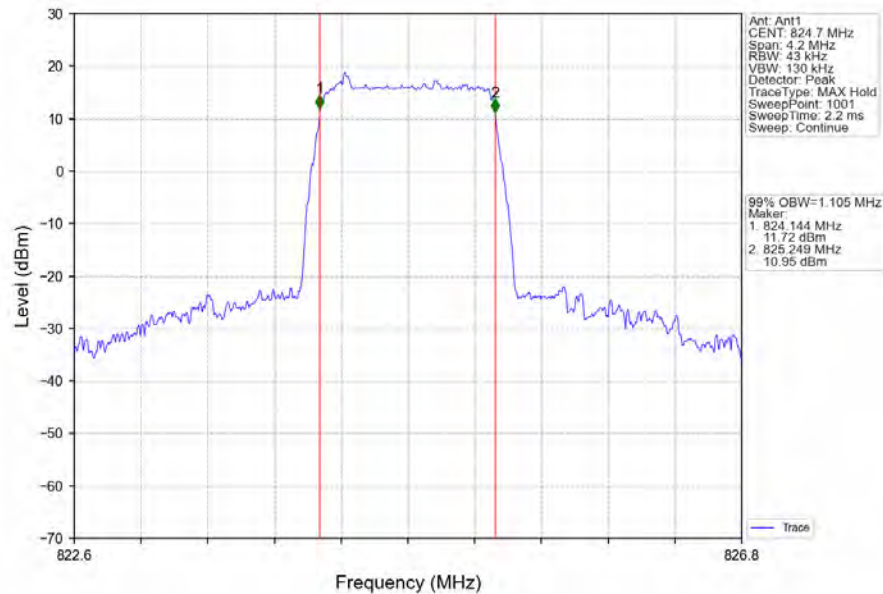


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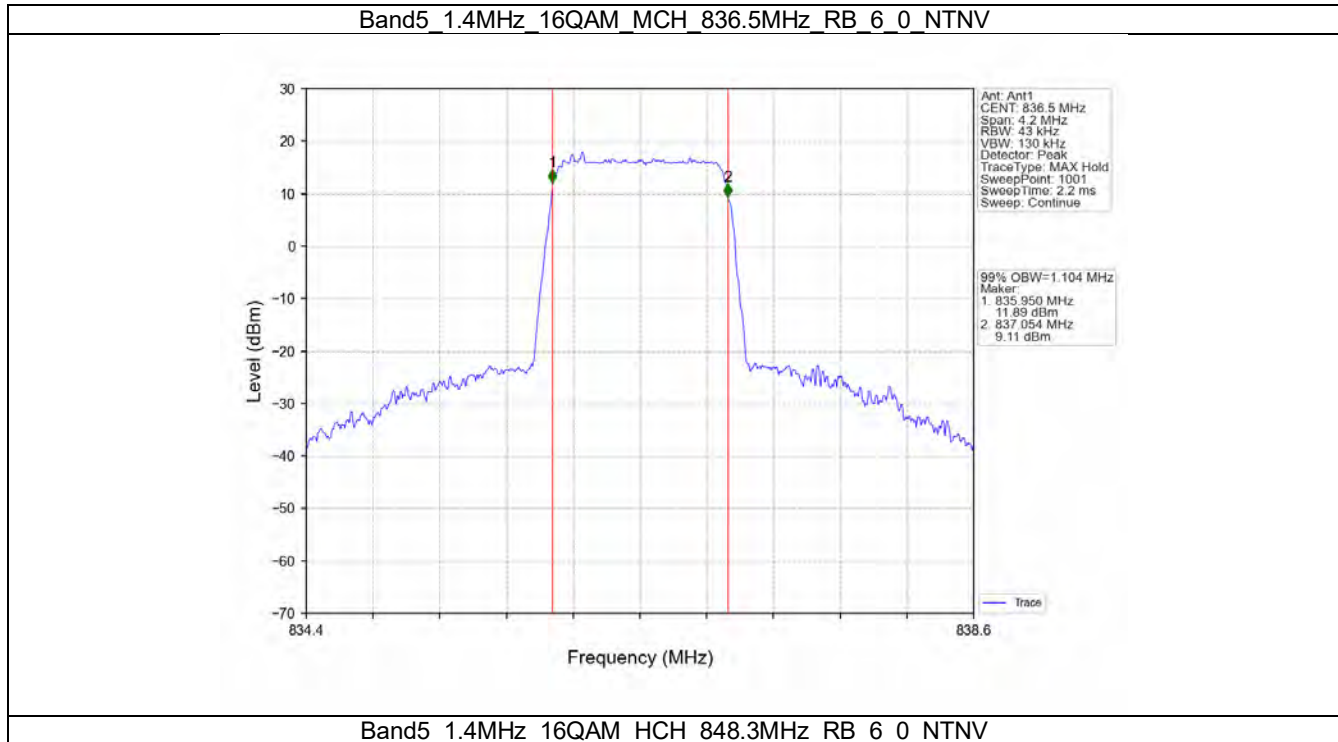


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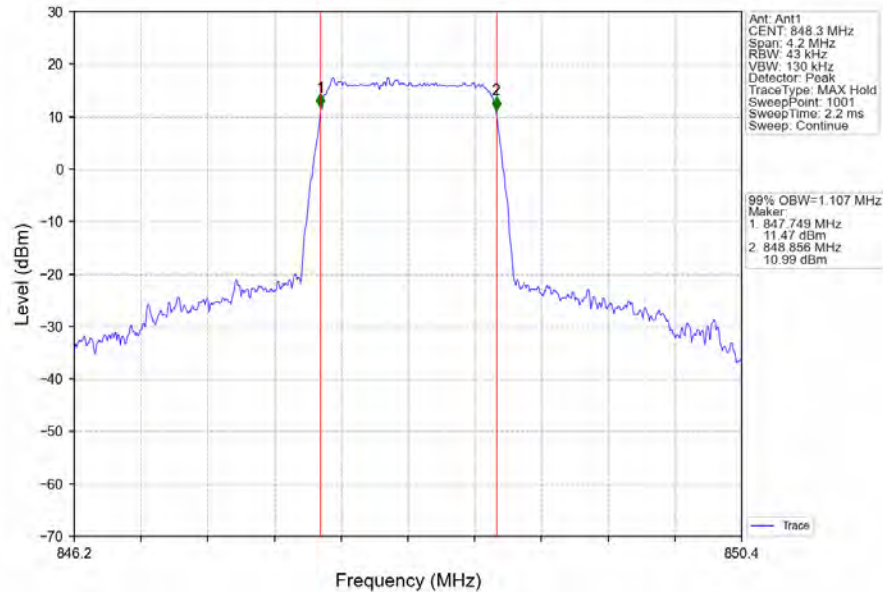


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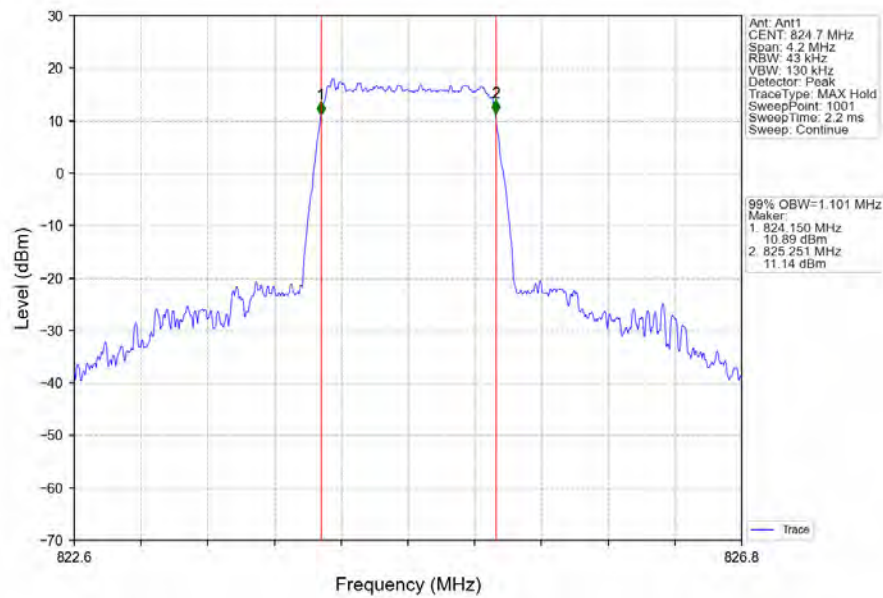
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Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



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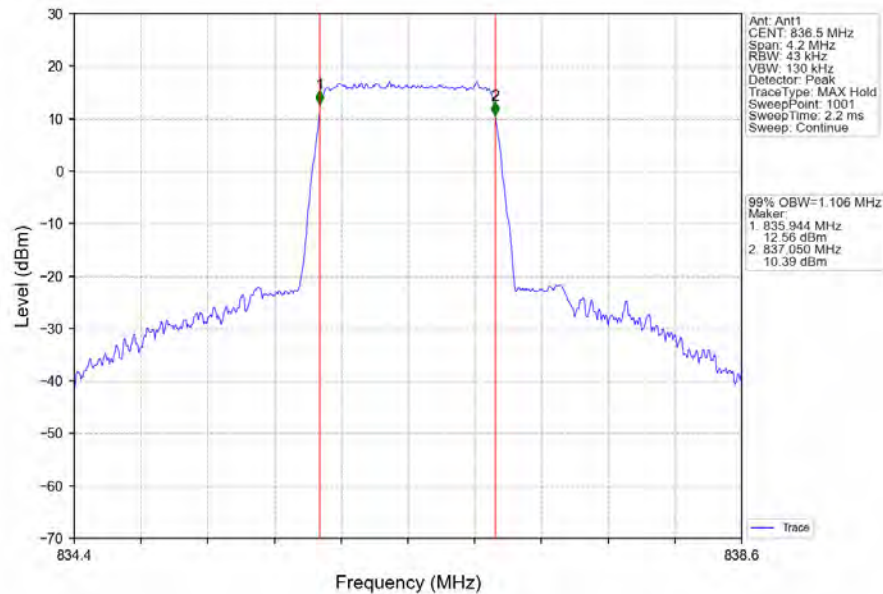


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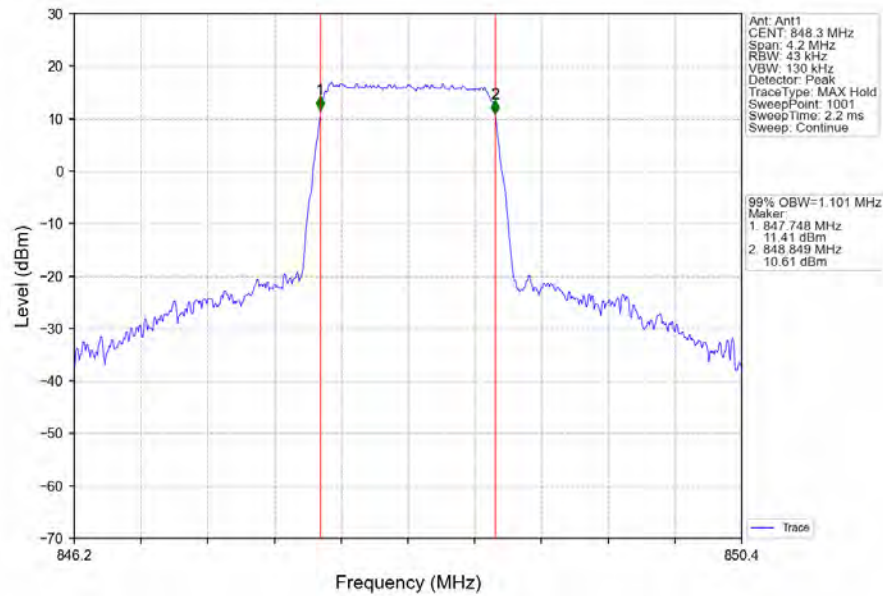
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Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_256QAM_LCH_824.7MHz_RB_6_0_NTNV



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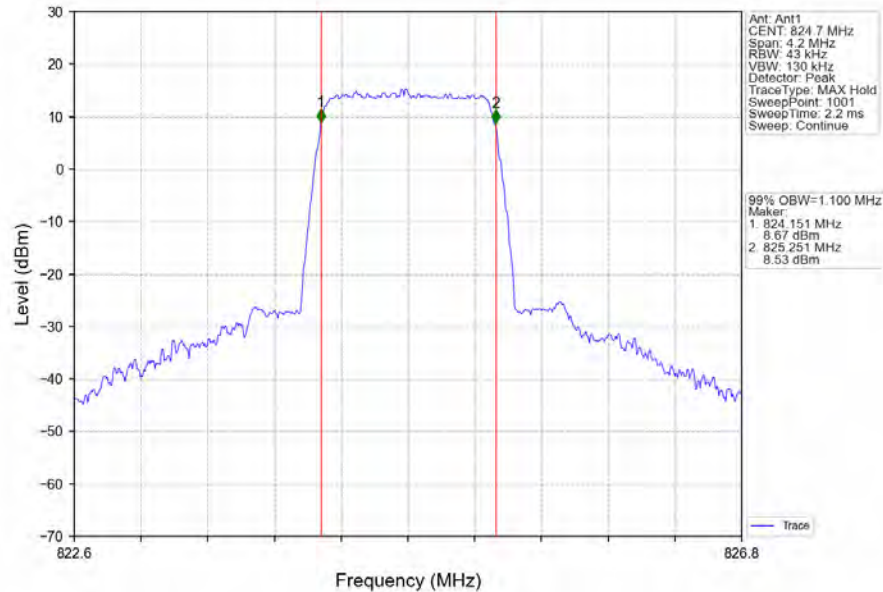


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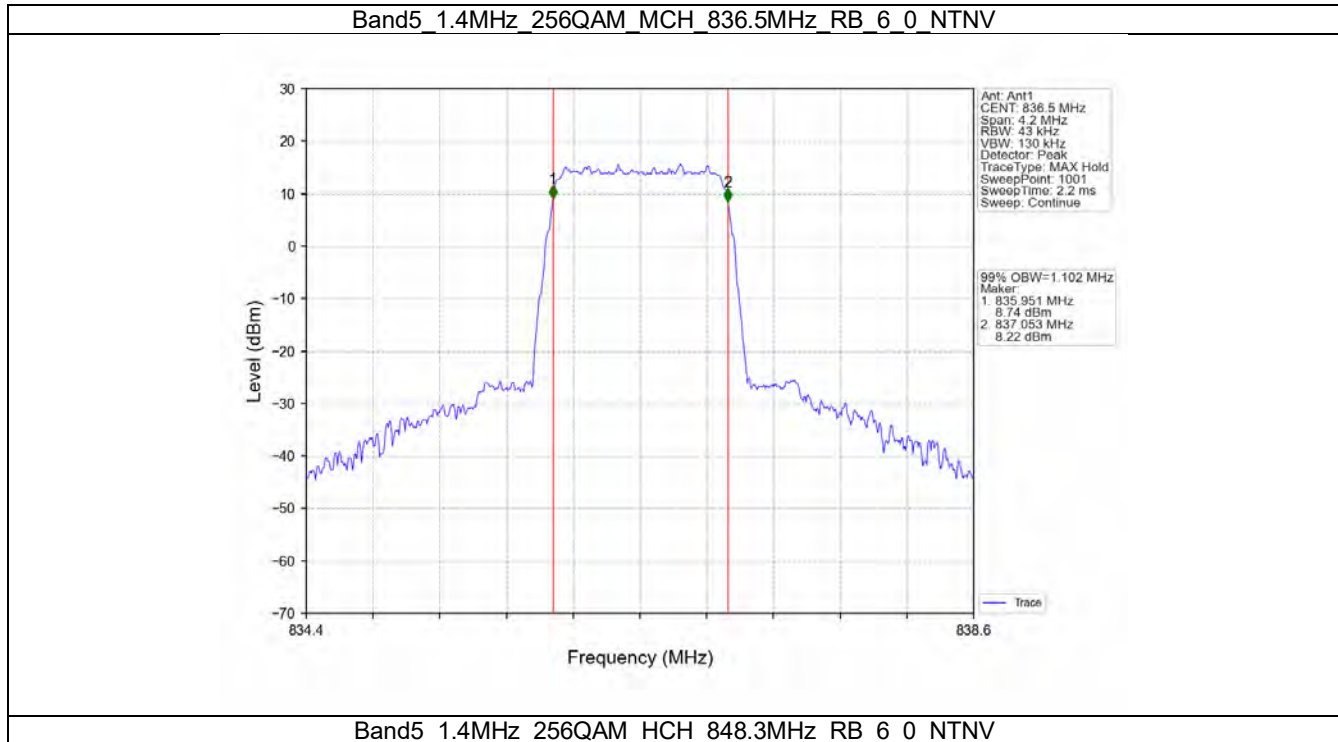


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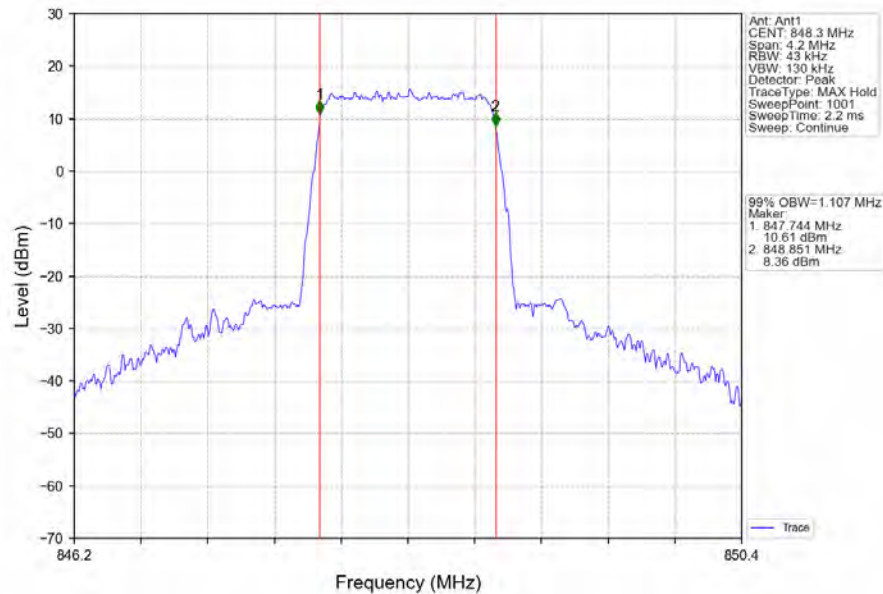


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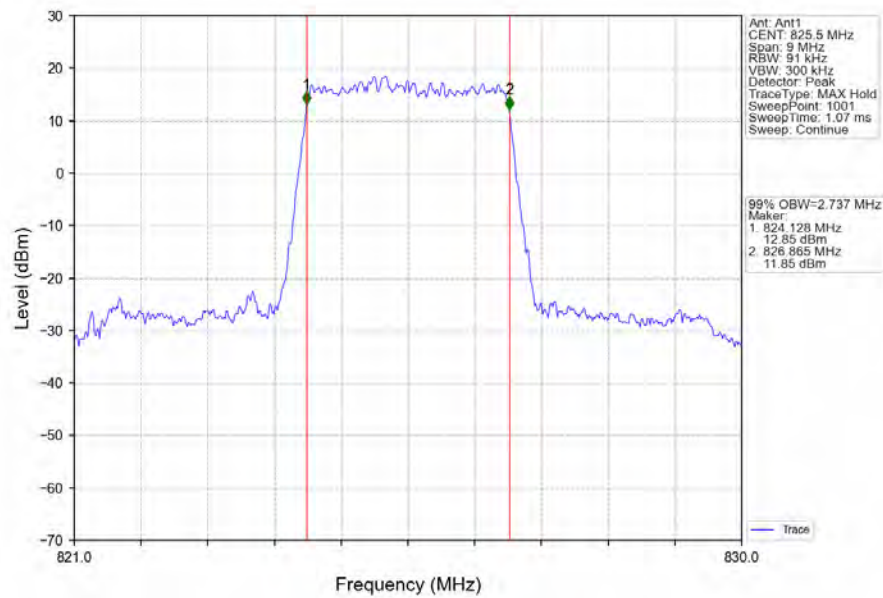
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Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



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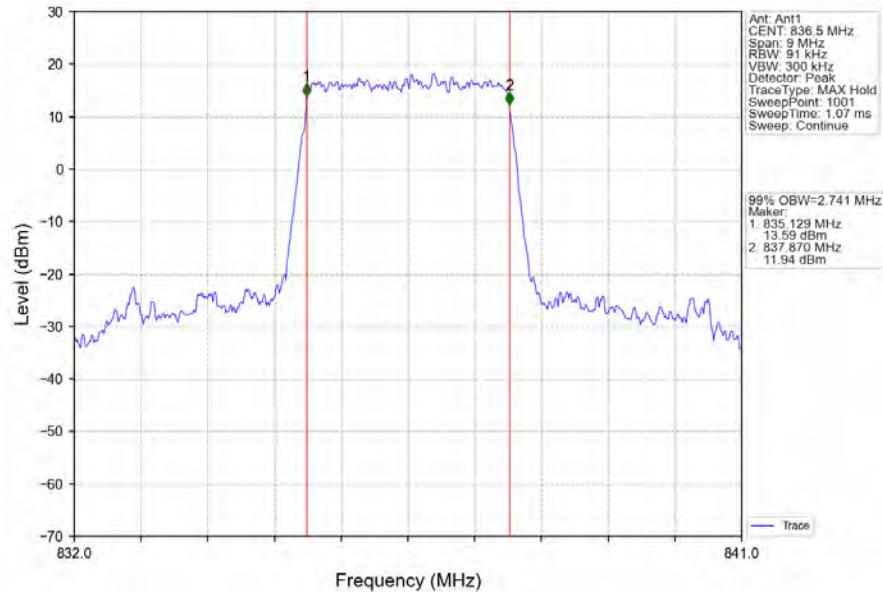


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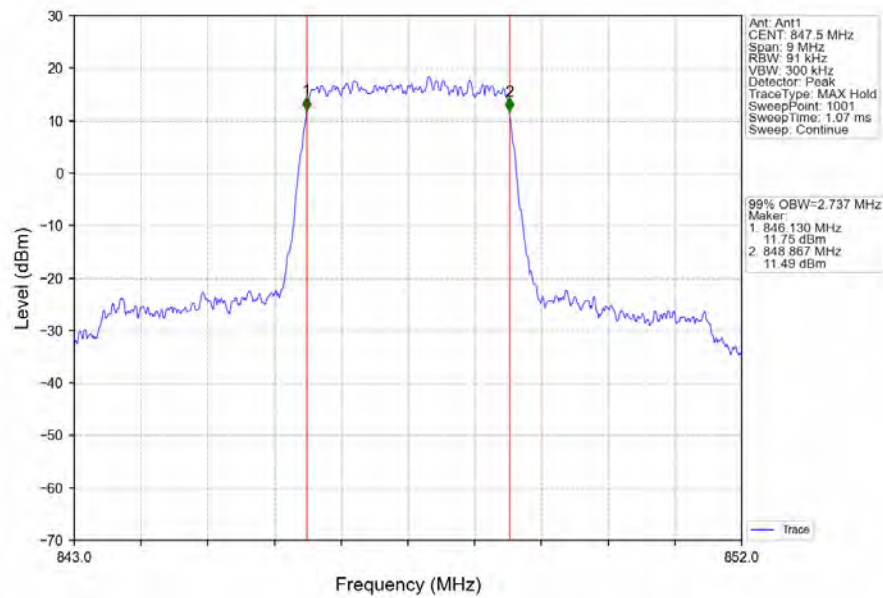
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Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



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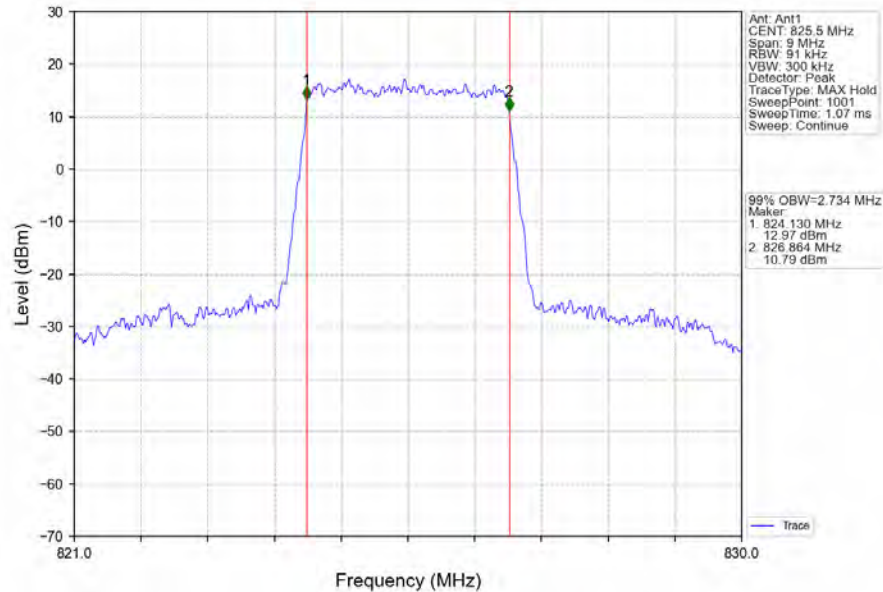


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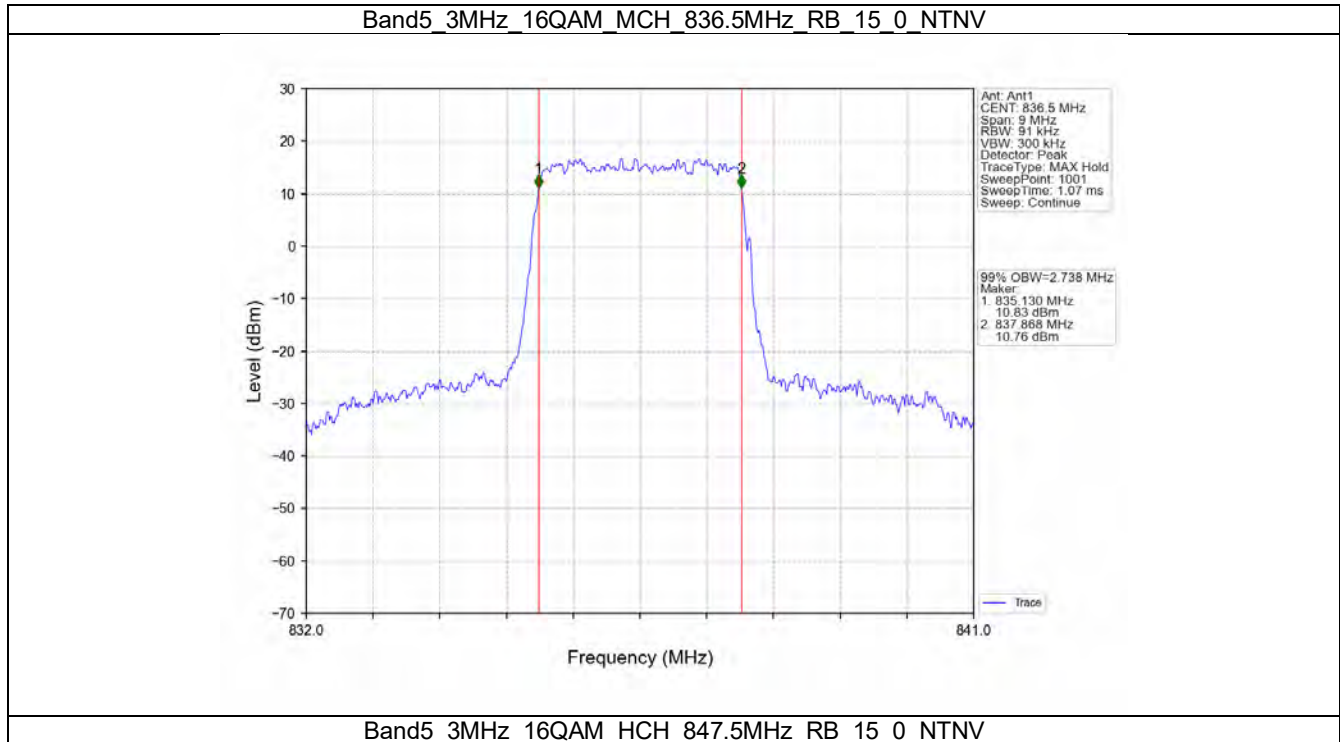


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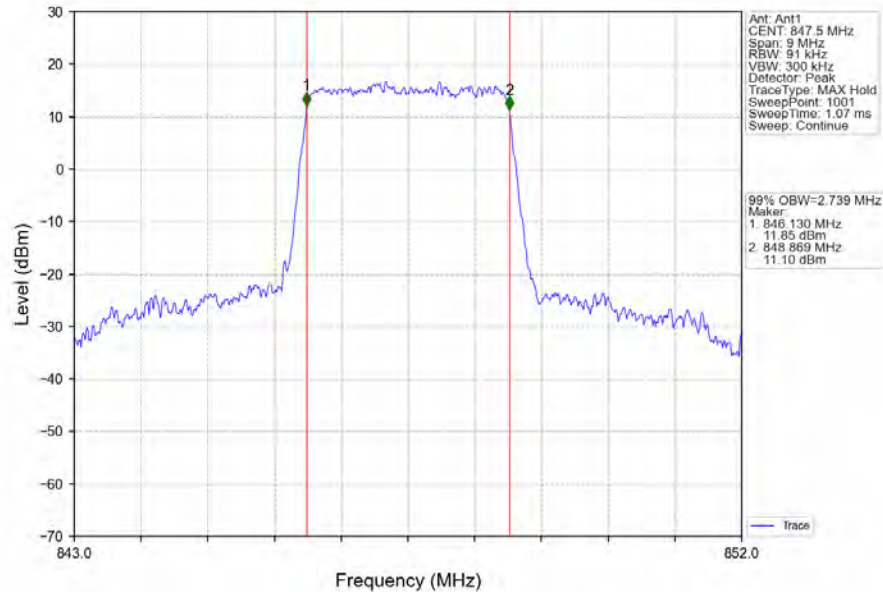


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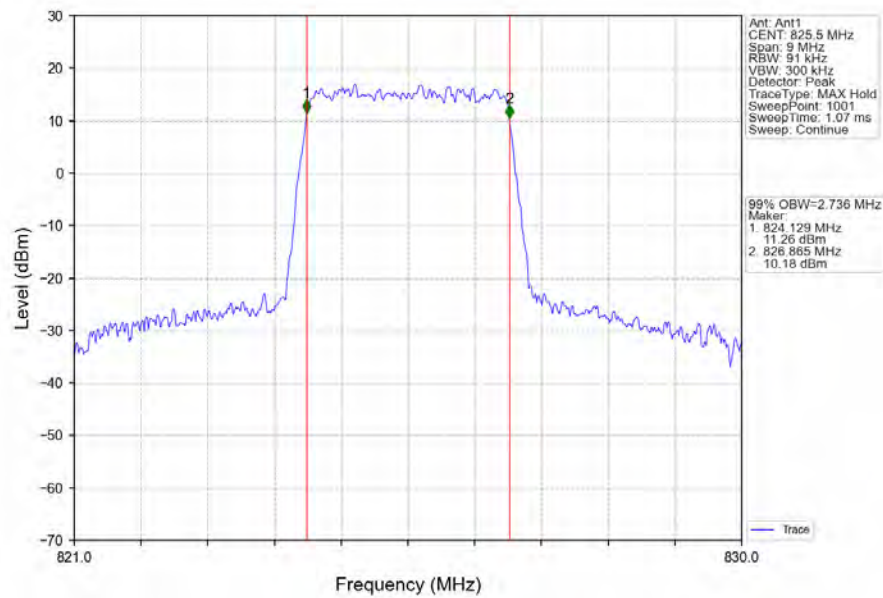
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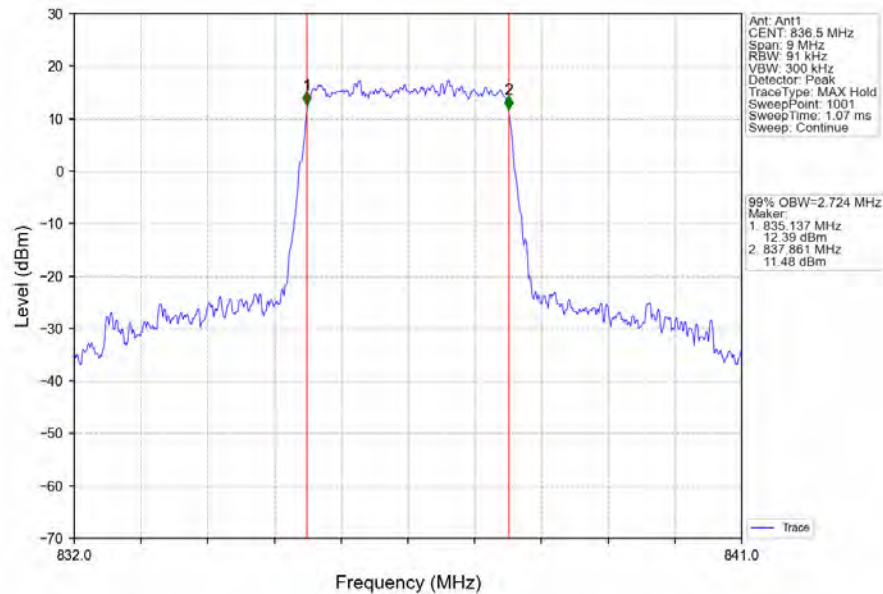


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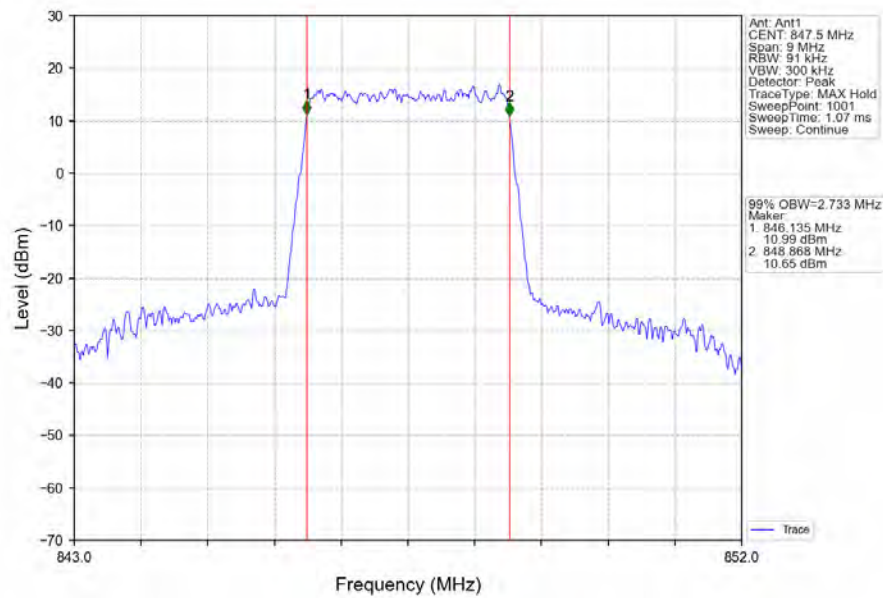
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Band5_3MHz_256QAM_LCH_825.5MHz_RB_15_0_NTNV



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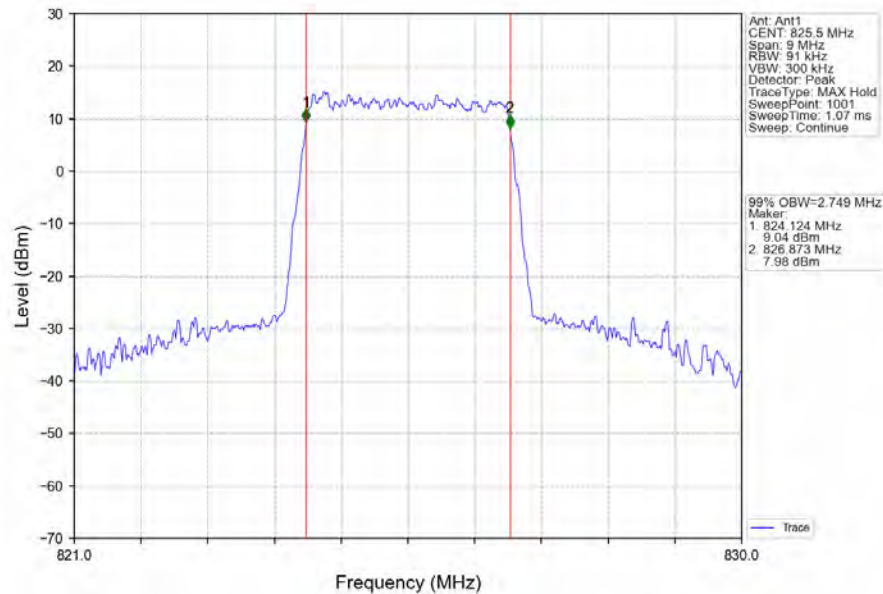


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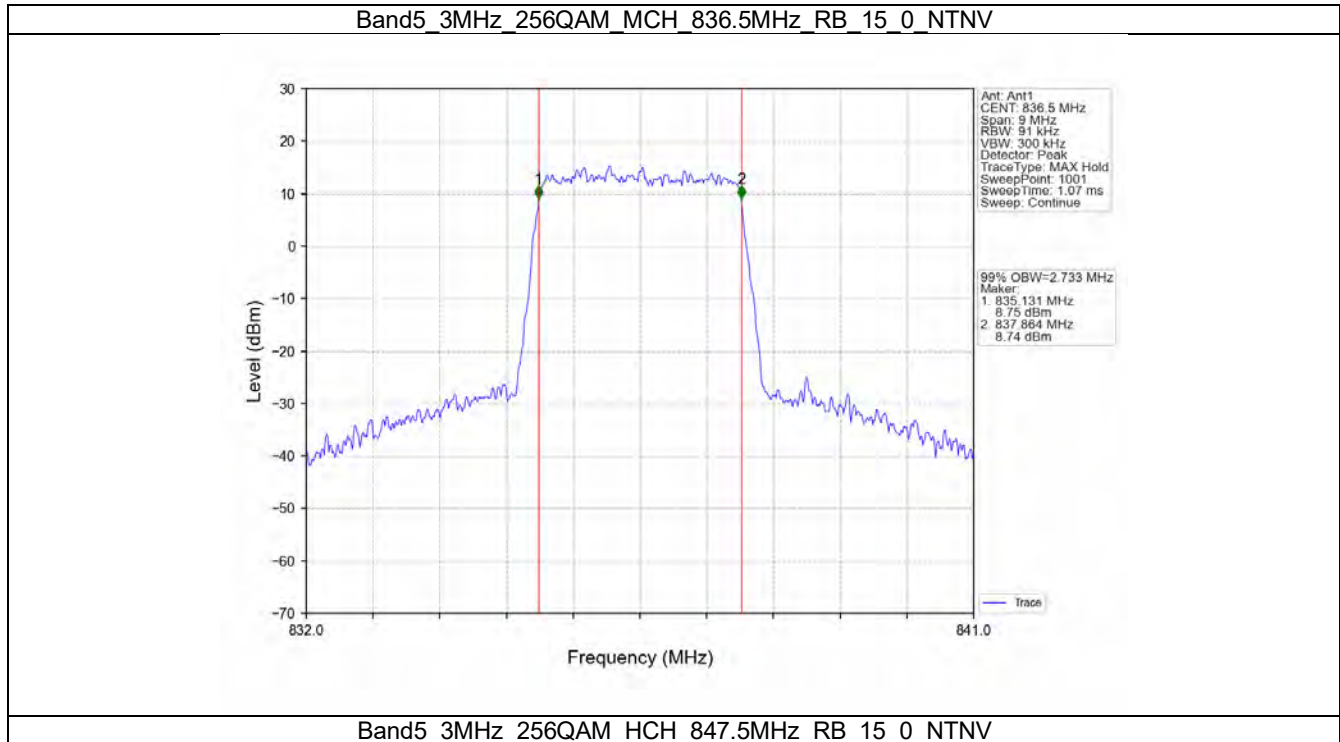


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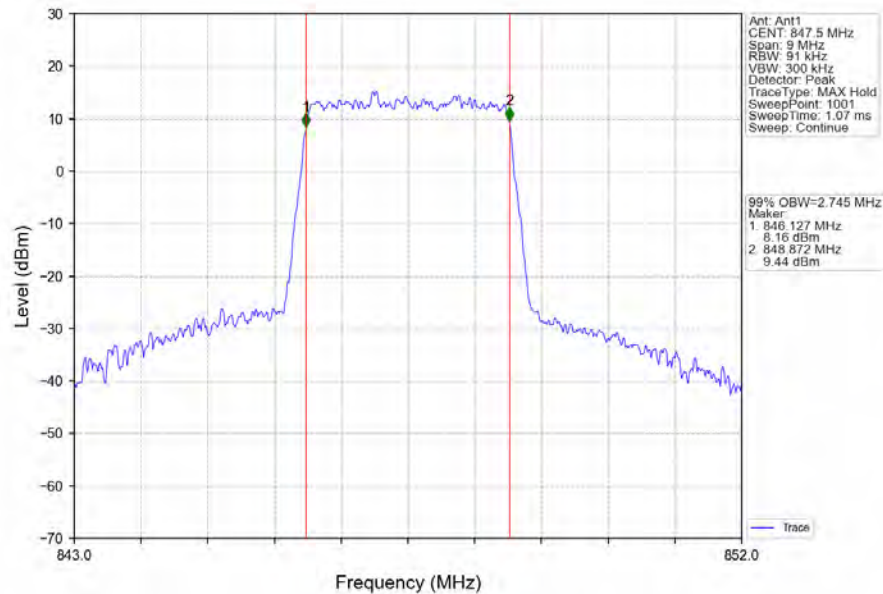


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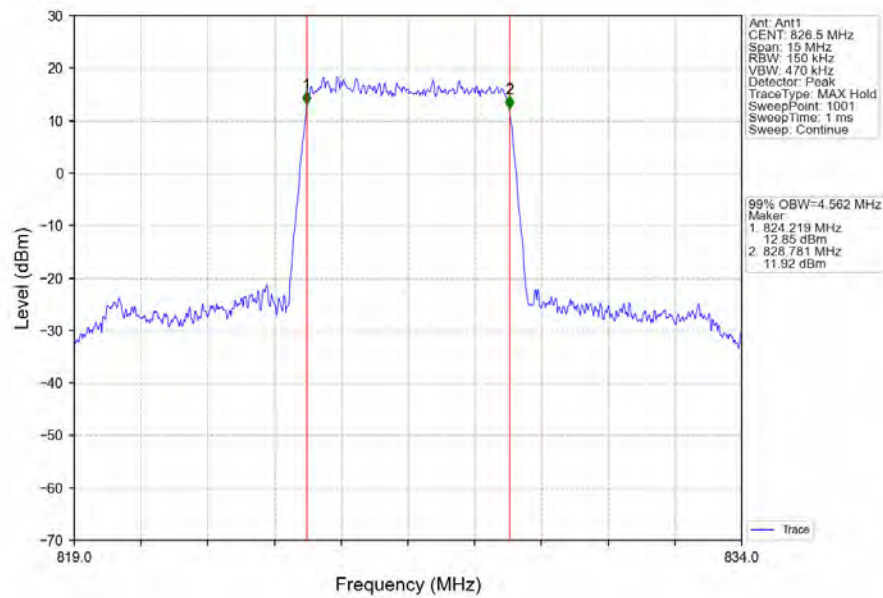
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Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



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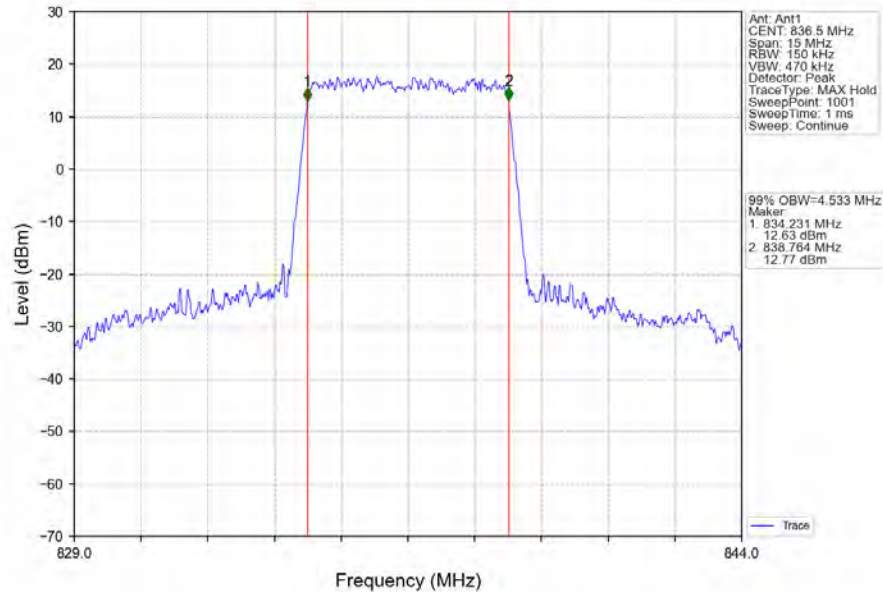


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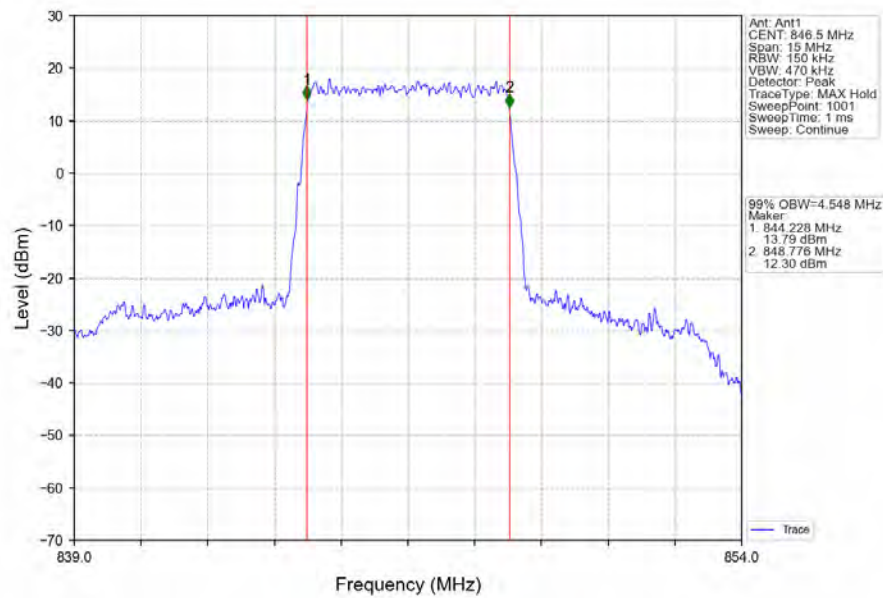
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Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



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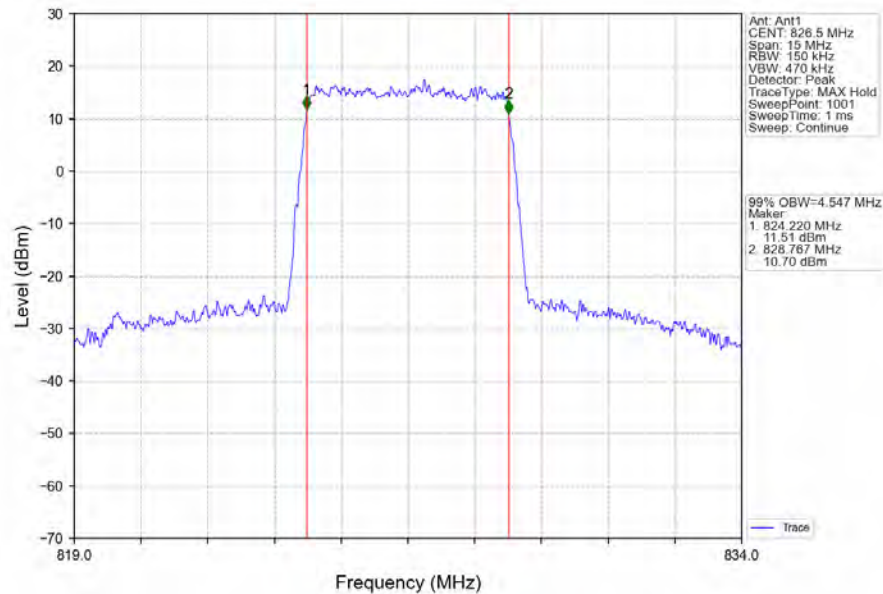


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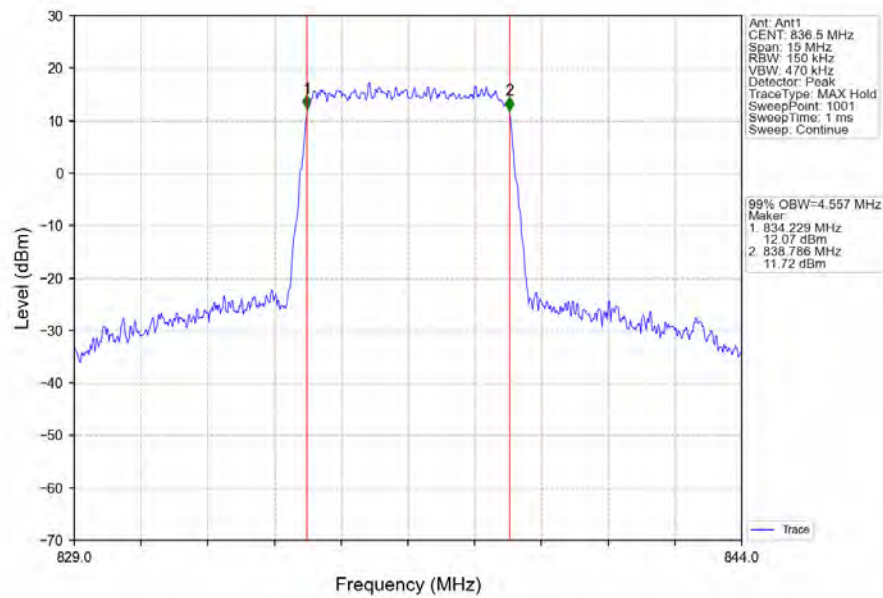
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Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



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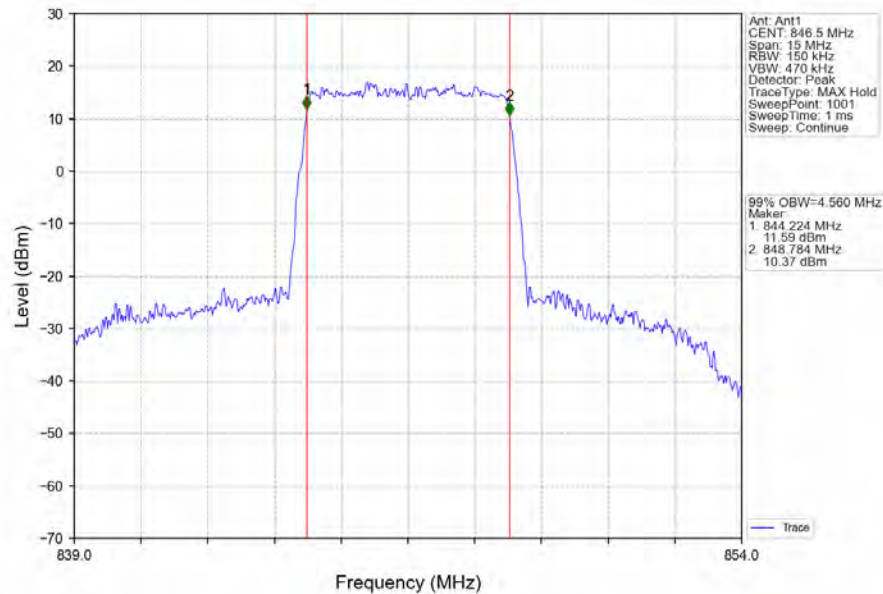


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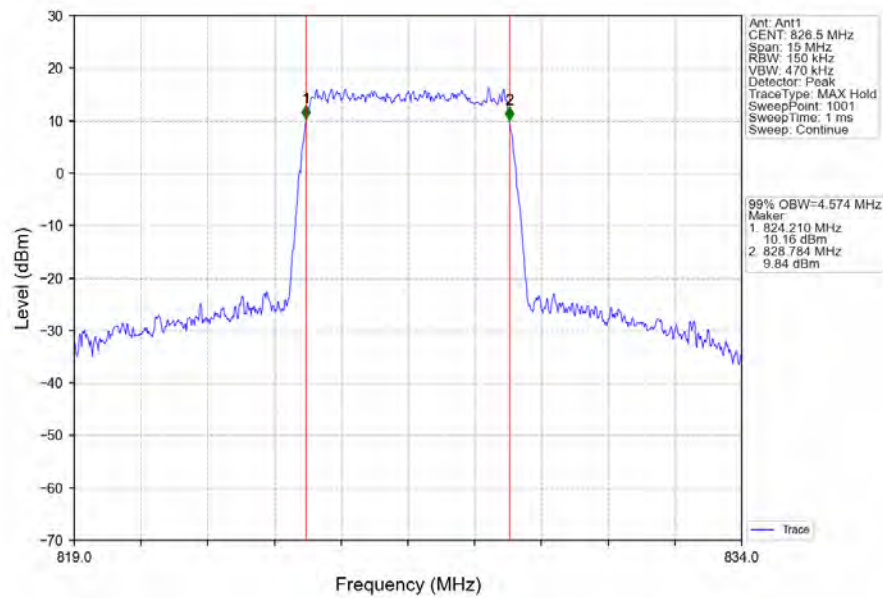
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Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



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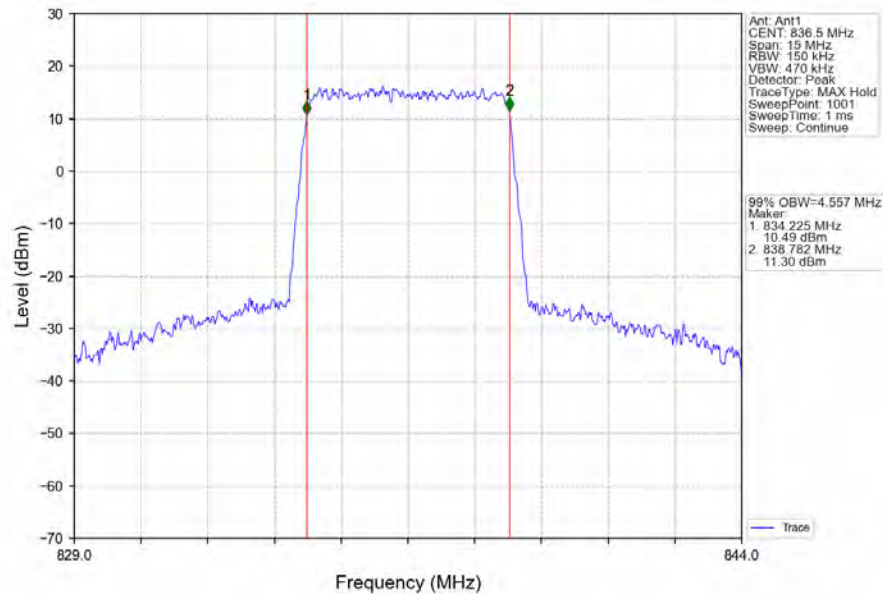


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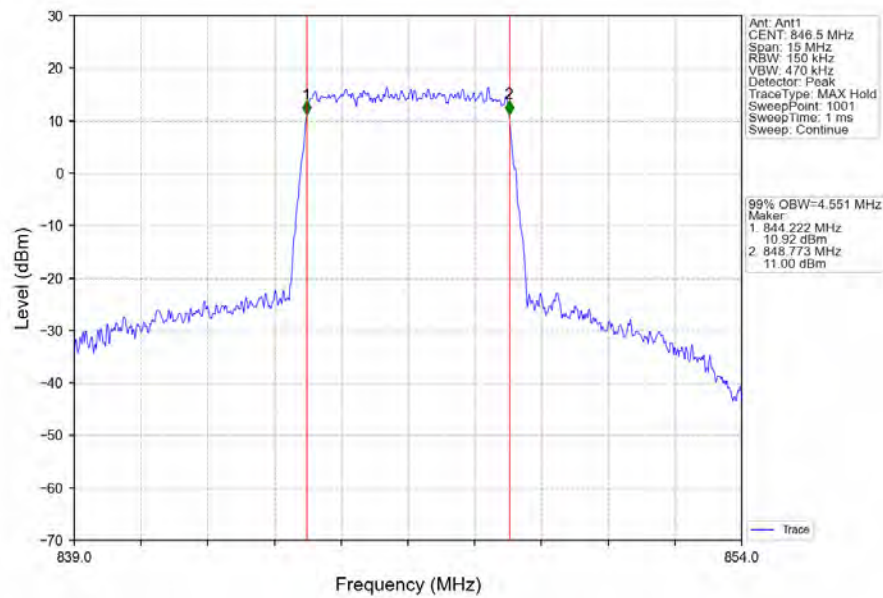
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Band5_5MHz_256QAM_LCH_826.5MHz_RB_25_0_NTNV



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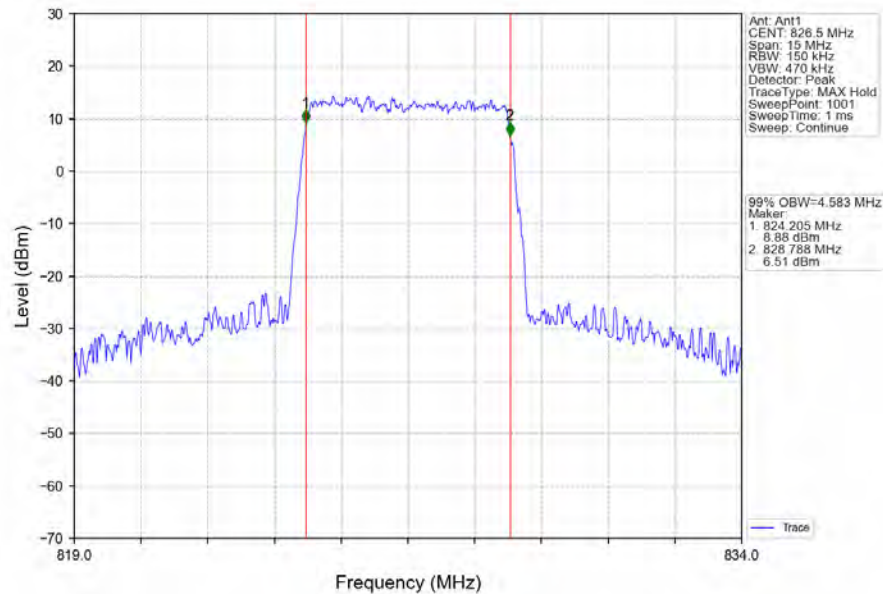


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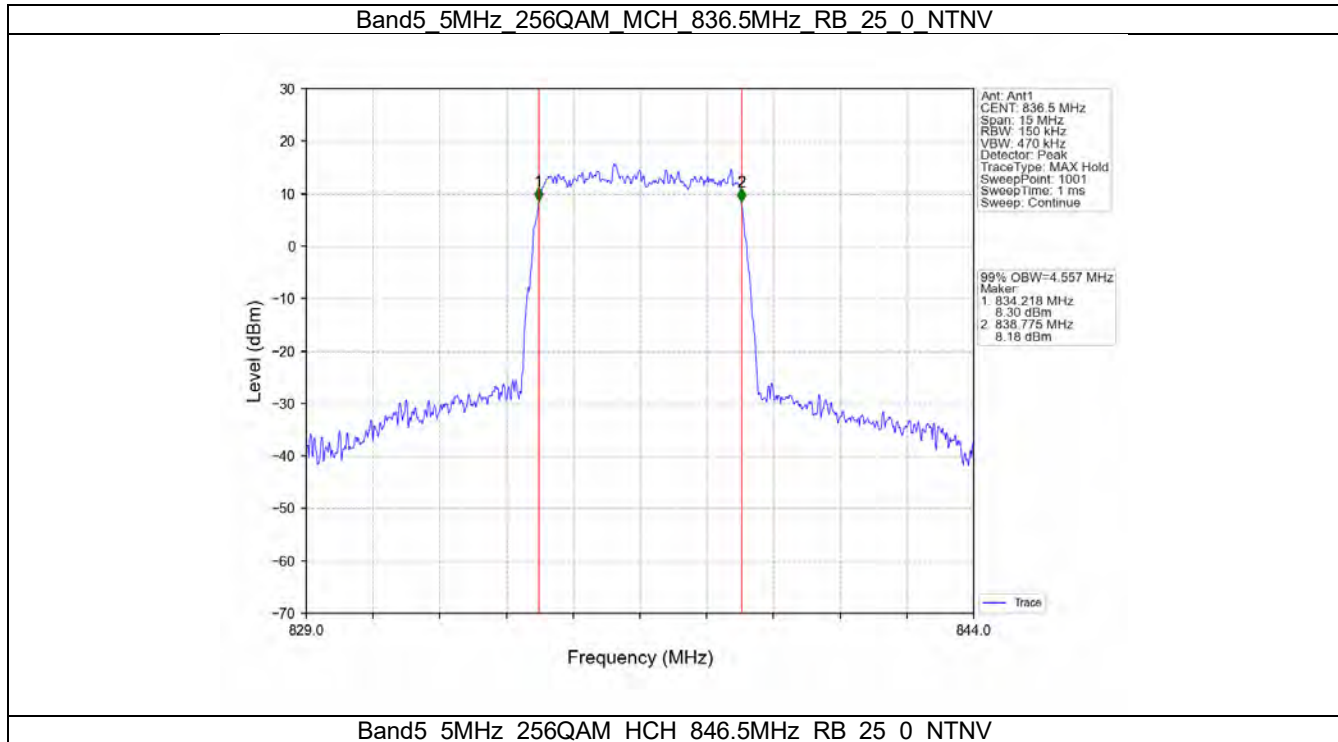


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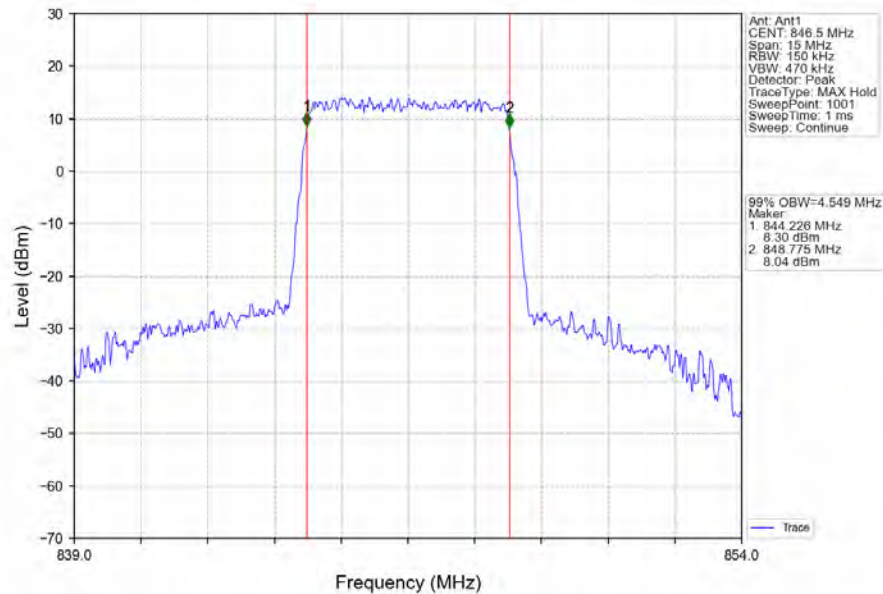


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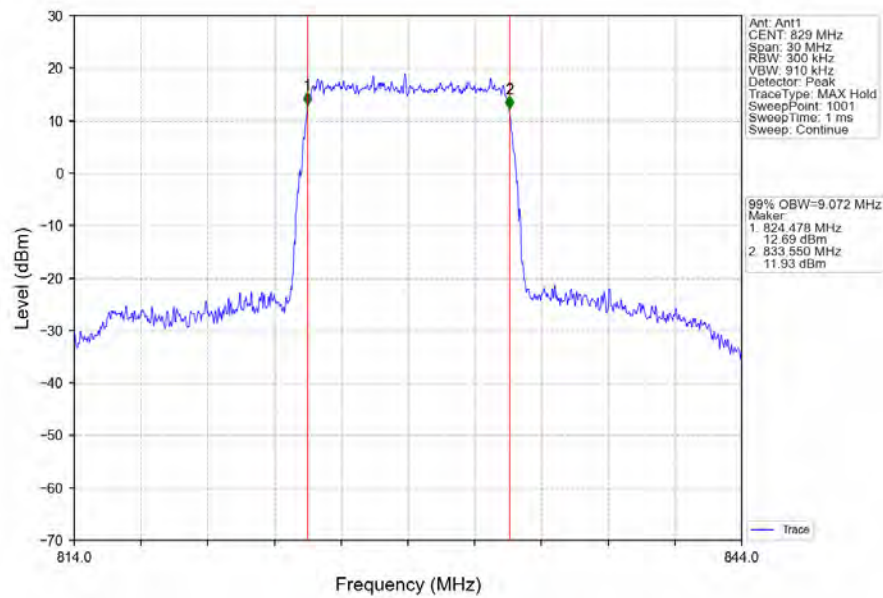
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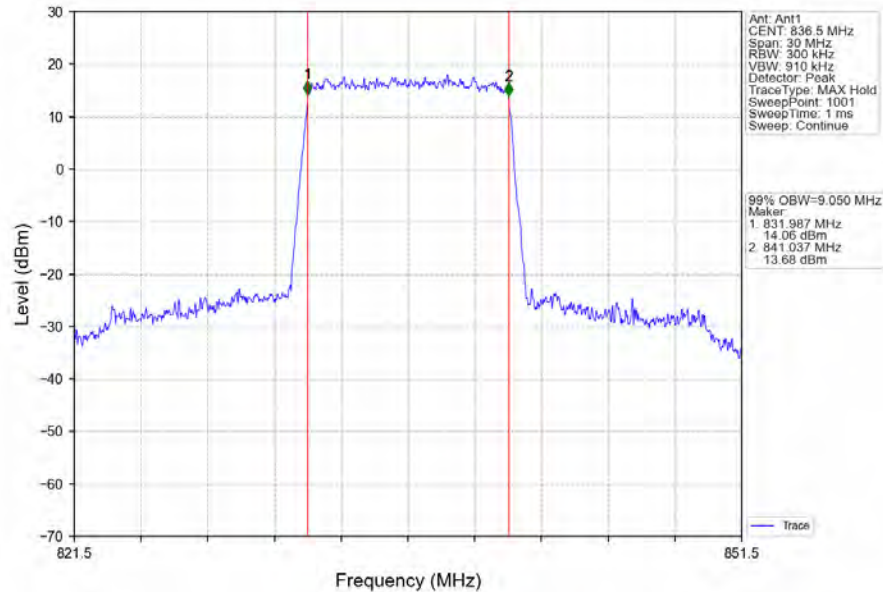


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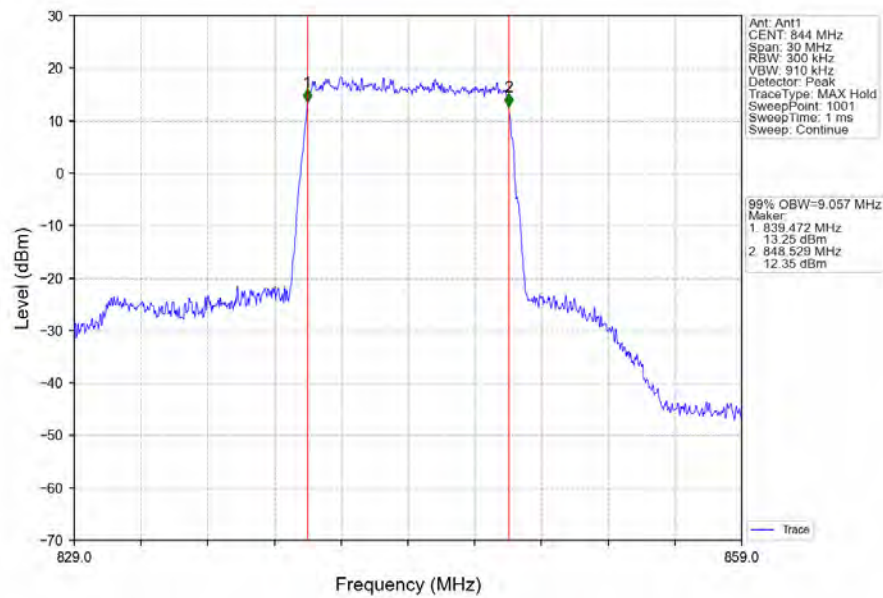
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Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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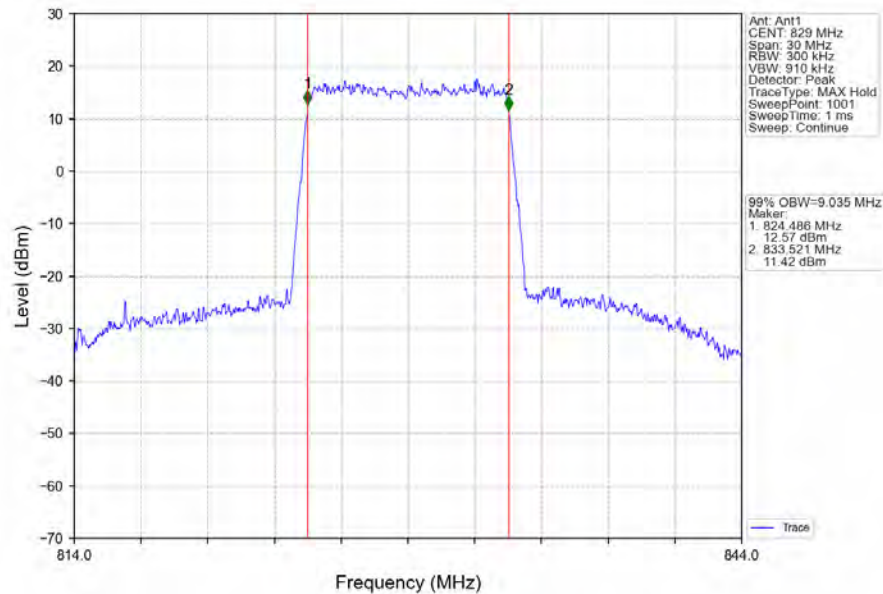


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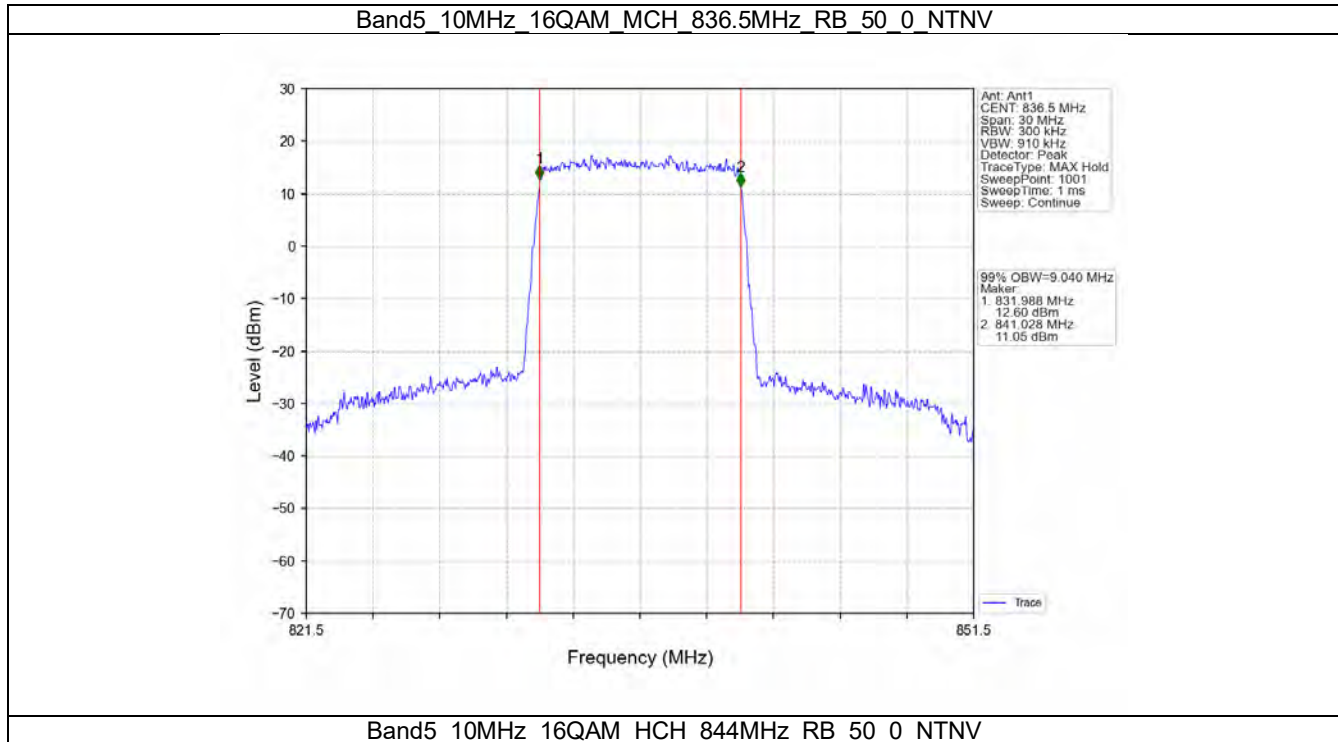


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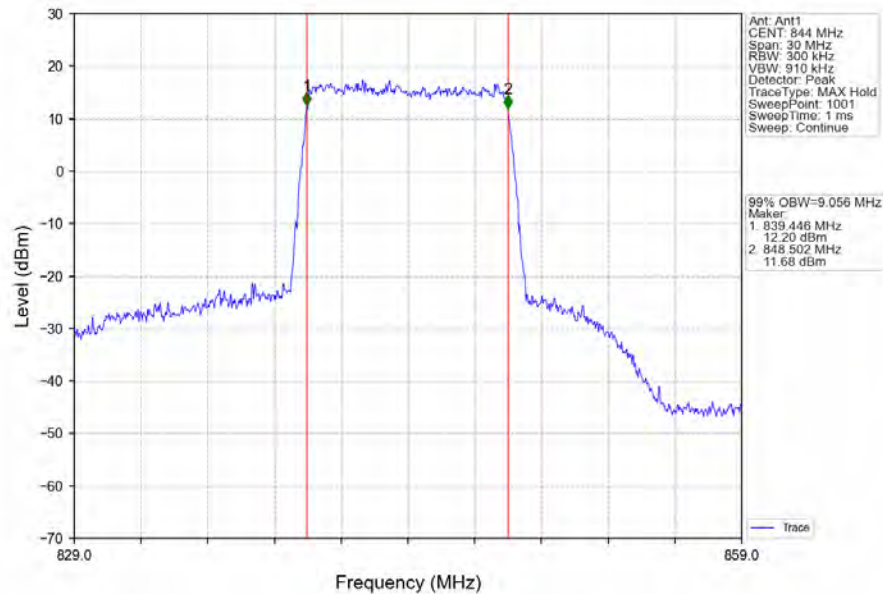


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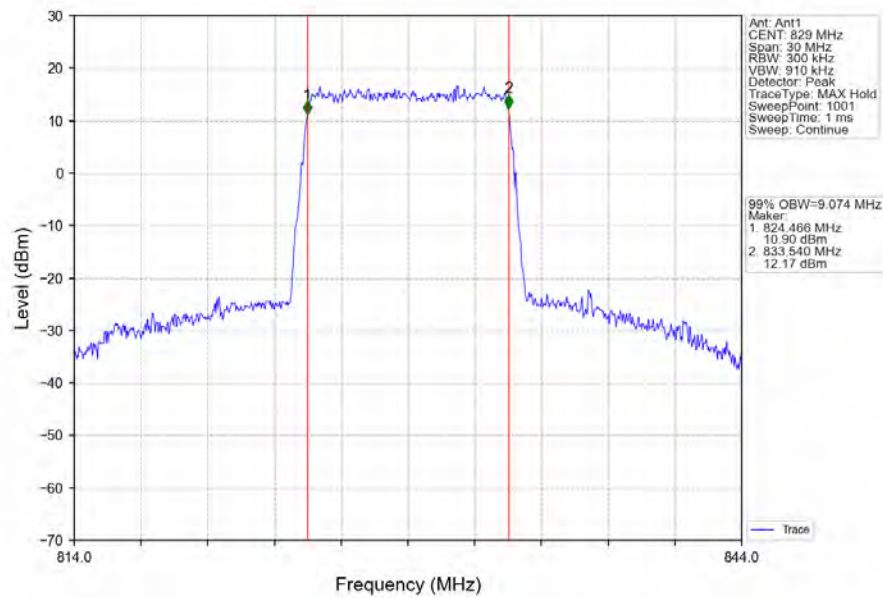
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Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



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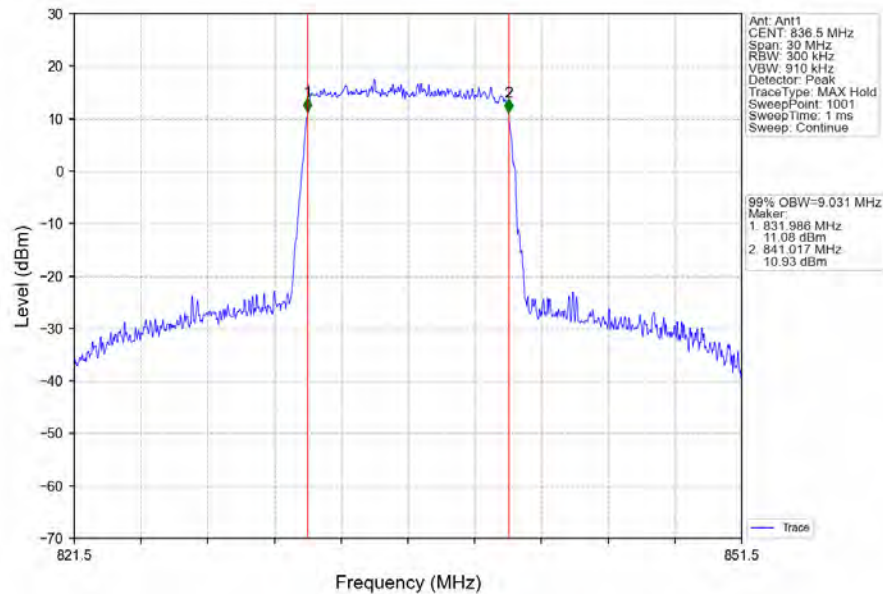


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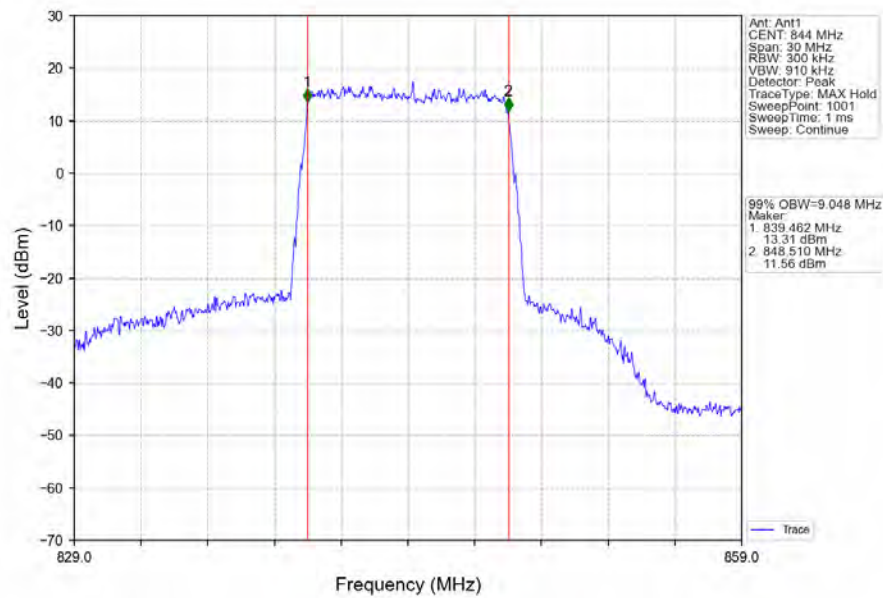
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Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_LCH_829MHz_RB_50_0_NTNV



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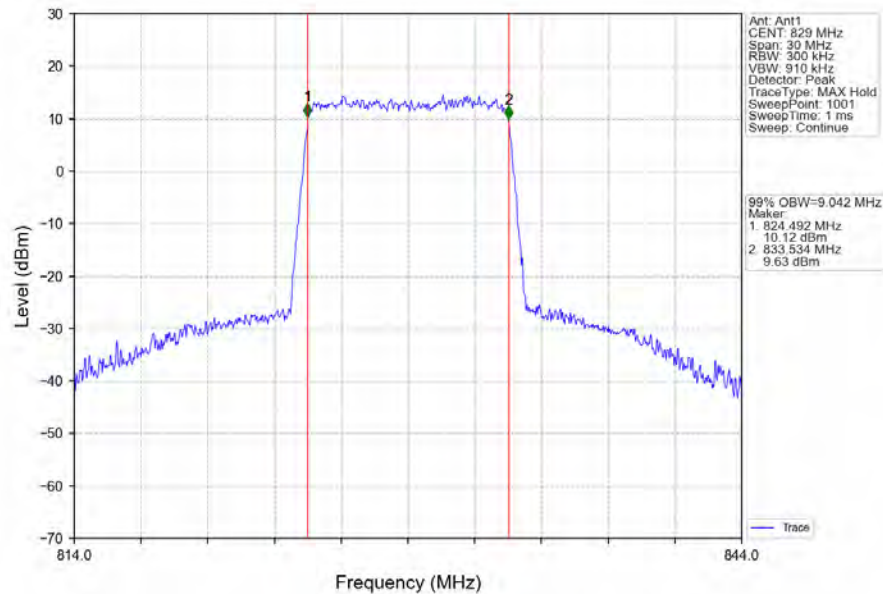


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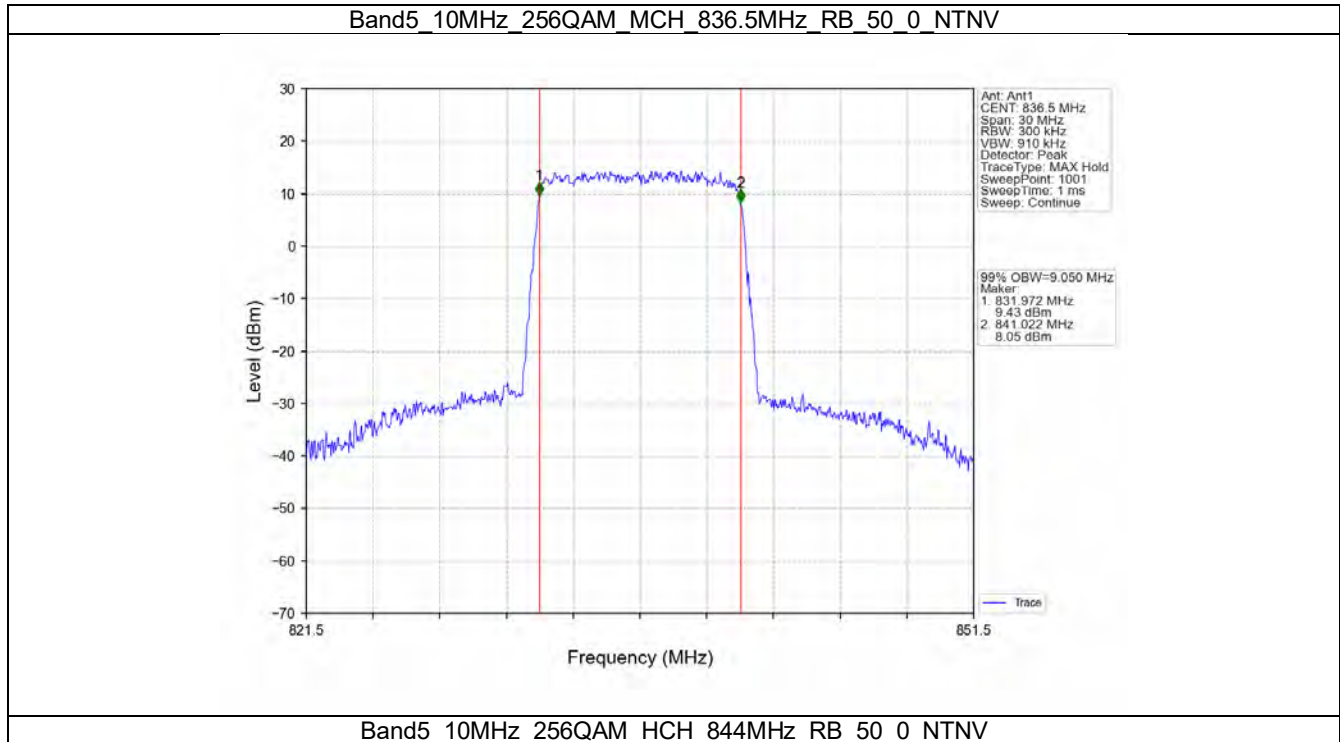


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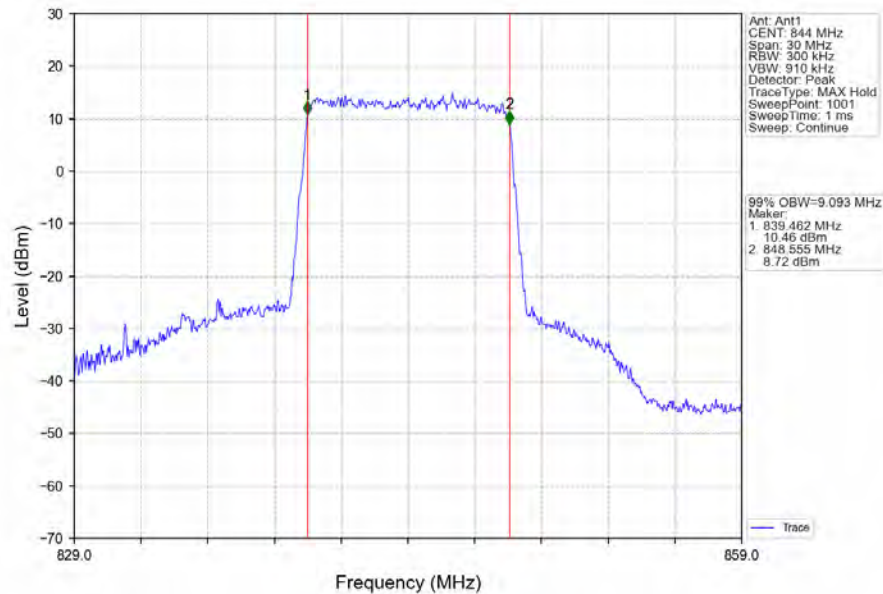


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3.2 Band5_XDB

3.2.1 Test Result

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	1.261	/	Pass
		836.5	6	0	1.258	/	Pass
		848.3	6	0	1.262	/	Pass
	16QAM	824.7	6	0	1.271	/	Pass
		836.5	6	0	1.250	/	Pass
		848.3	6	0	1.266	/	Pass
	64QAM	824.7	6	0	1.260	/	Pass
		836.5	6	0	1.262	/	Pass
		848.3	6	0	1.263	/	Pass
	256QAM	824.7	6	0	1.258	/	Pass
		836.5	6	0	1.261	/	Pass
		848.3	6	0	1.268	/	Pass
3	QPSK	825.5	15	0	3.056	/	Pass
		836.5	15	0	3.069	/	Pass
		847.5	15	0	3.061	/	Pass
	16QAM	825.5	15	0	3.062	/	Pass
		836.5	15	0	3.054	/	Pass
		847.5	15	0	3.069	/	Pass
	64QAM	825.5	15	0	3.066	/	Pass
		836.5	15	0	3.055	/	Pass
		847.5	15	0	3.051	/	Pass
	256QAM	825.5	15	0	3.093	/	Pass
		836.5	15	0	3.055	/	Pass
		847.5	15	0	3.071	/	Pass
5	QPSK	826.5	25	0	5.014	/	Pass
		836.5	25	0	5.028	/	Pass
		846.5	25	0	5.011	/	Pass
	16QAM	826.5	25	0	5.062	/	Pass
		836.5	25	0	5.036	/	Pass
		846.5	25	0	5.071	/	Pass
	64QAM	826.5	25	0	5.078	/	Pass
		836.5	25	0	5.077	/	Pass
		846.5	25	0	5.053	/	Pass
	256QAM	826.5	25	0	5.076	/	Pass
		836.5	25	0	5.048	/	Pass
		846.5	25	0	5.072	/	Pass
10	QPSK	829	50	0	10.055	/	Pass
		836.5	50	0	9.944	/	Pass



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	16QAM	844	50	0	10.010	/	Pass
		829	50	0	9.984	/	Pass
		836.5	50	0	9.902	/	Pass
		844	50	0	9.928	/	Pass
	64QAM	829	50	0	9.978	/	Pass
		836.5	50	0	9.831	/	Pass
		844	50	0	9.993	/	Pass
	256QAM	829	50	0	9.977	/	Pass
		836.5	50	0	9.970	/	Pass
		844	50	0	9.951	/	Pass



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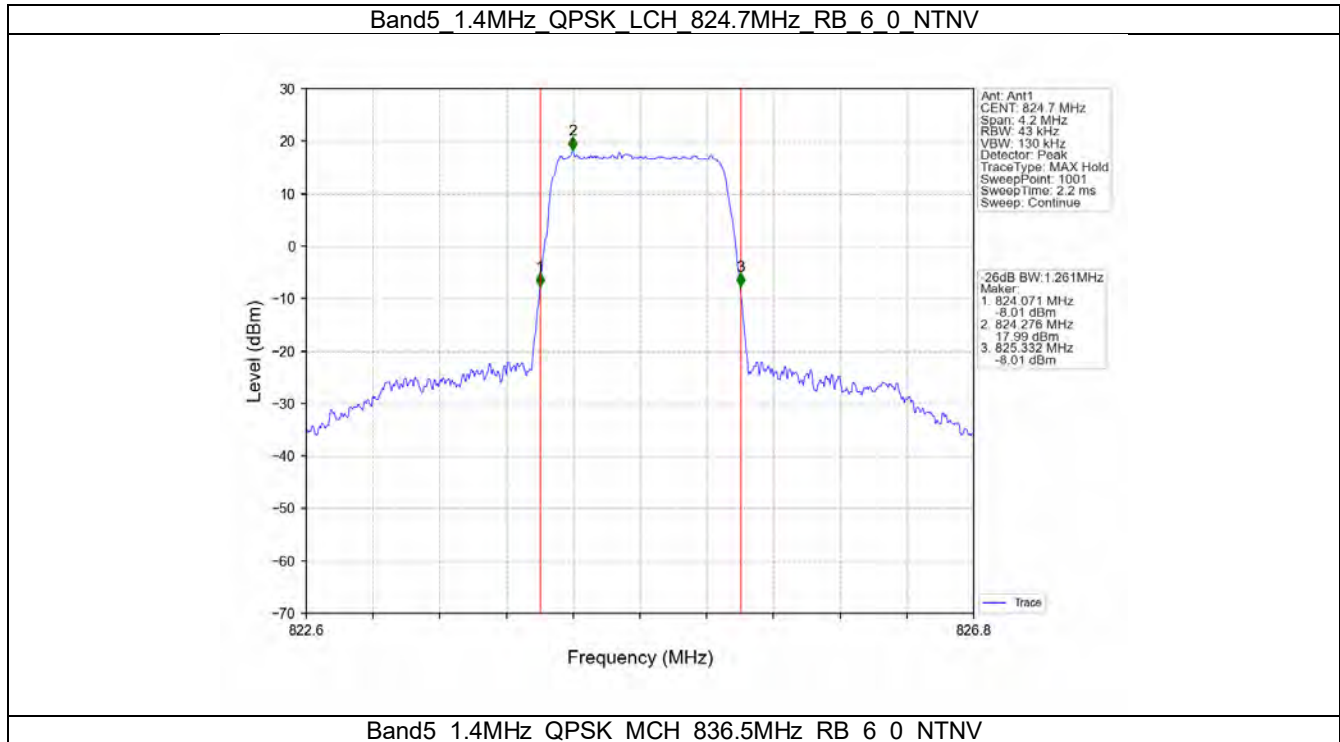
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3.2.2 Test Graph



Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



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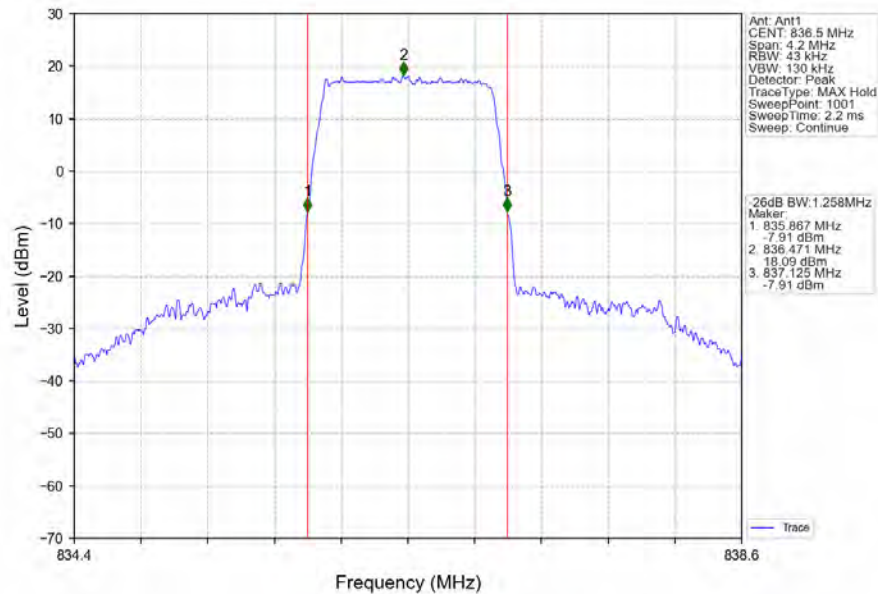


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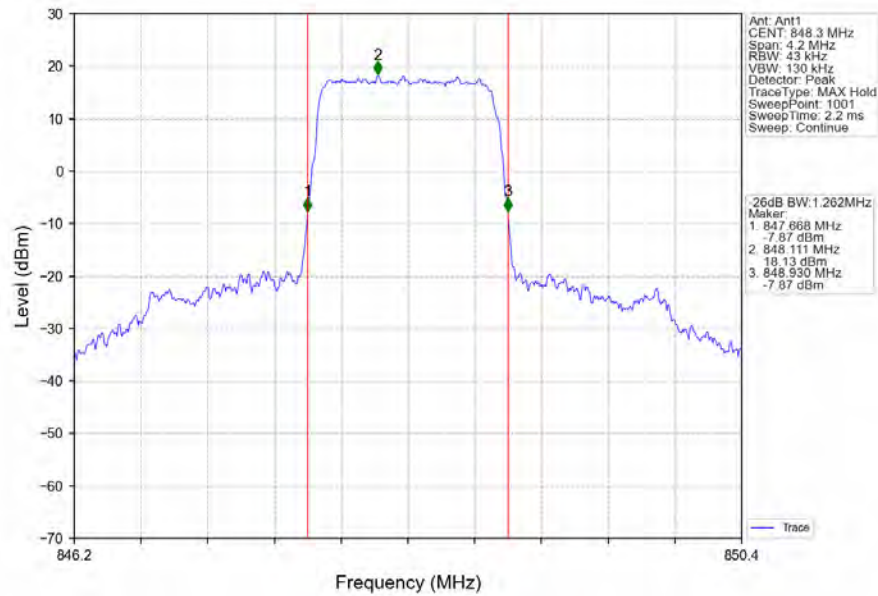
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Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



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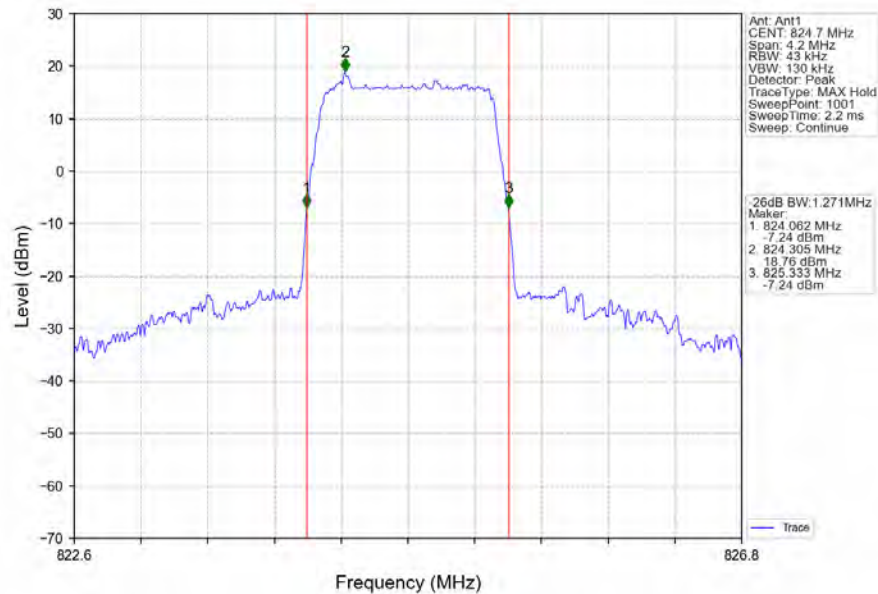


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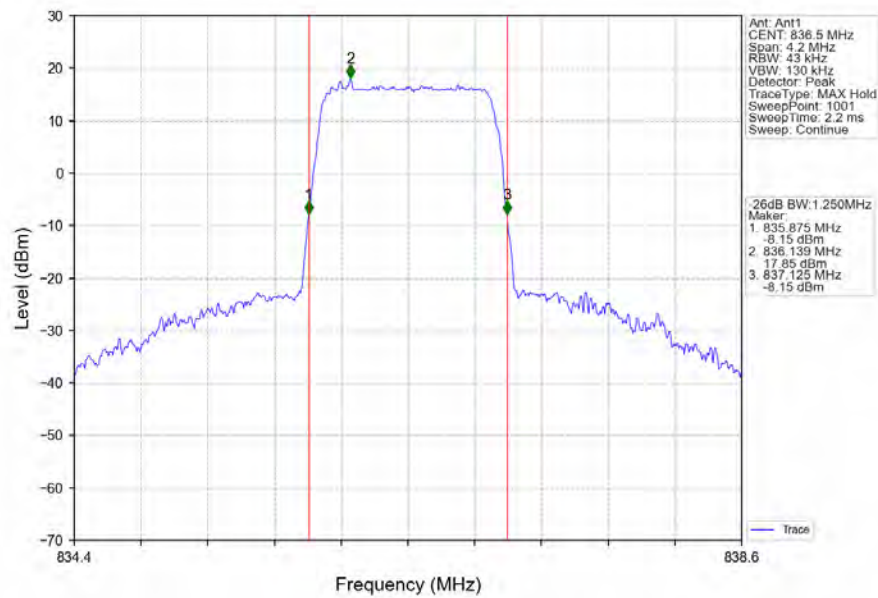
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Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



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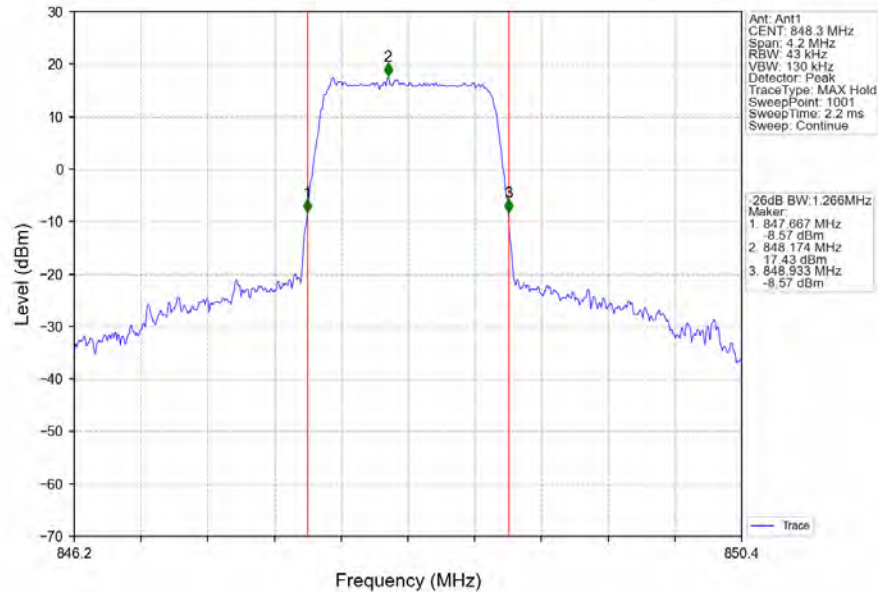


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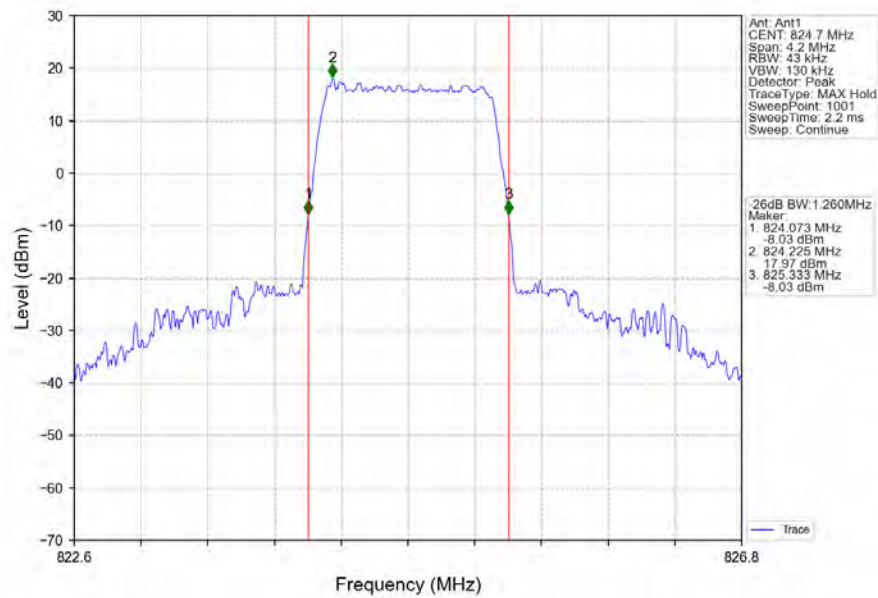
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Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



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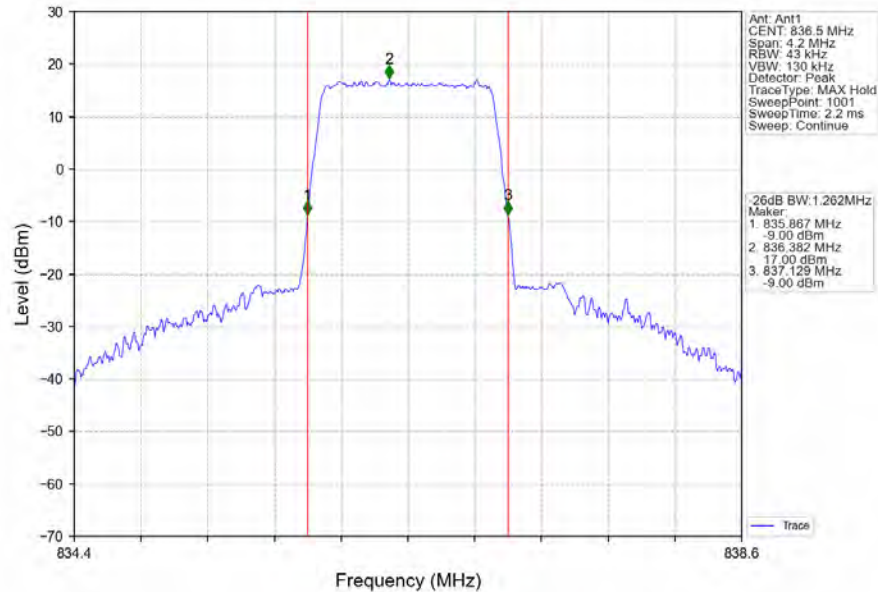


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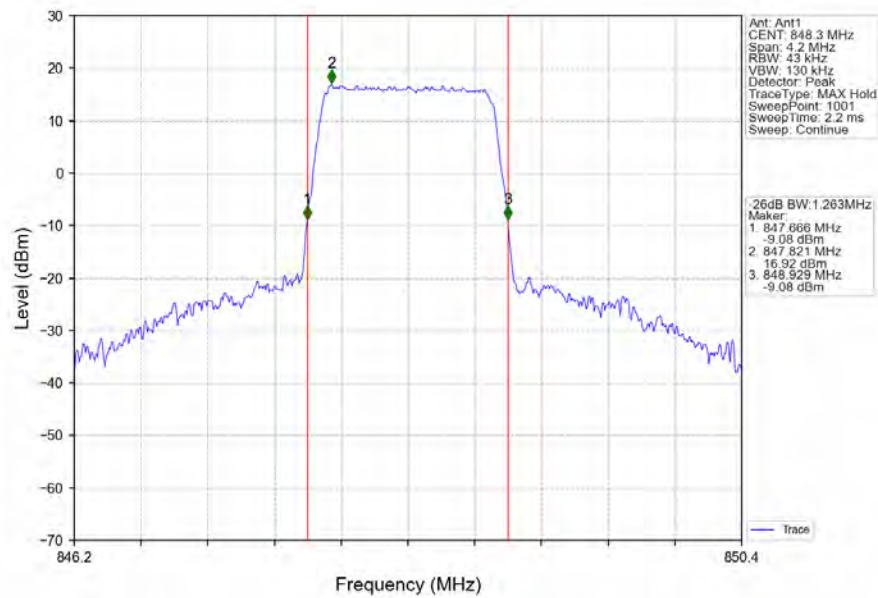
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Band5_1.4MHz_256QAM_LCH_824.7MHz_RB_6_0_NTNV



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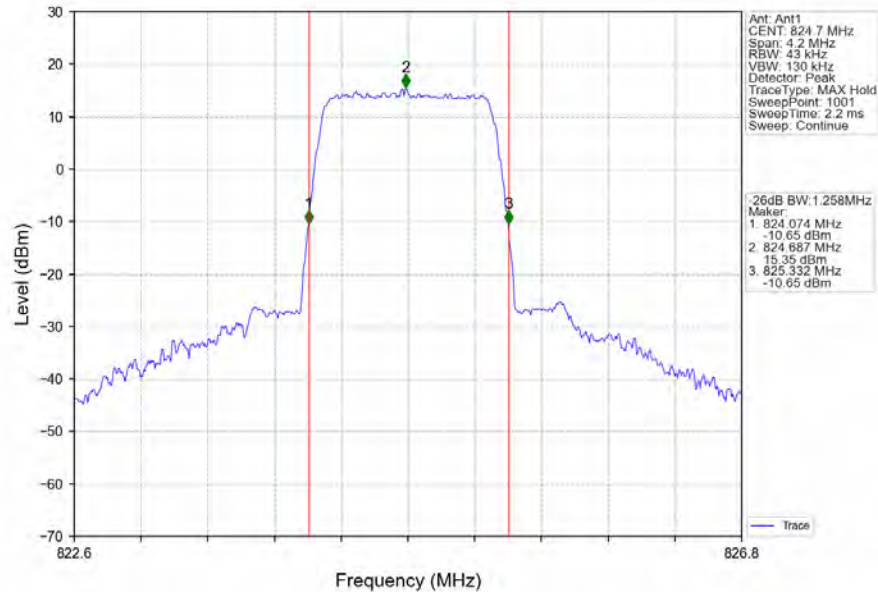


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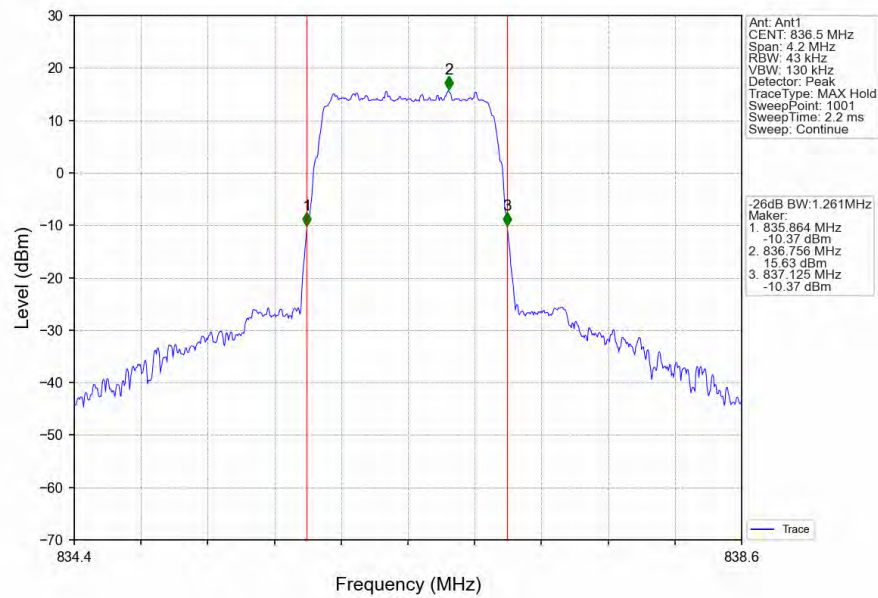
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Band5_1.4MHz_256QAM_HCH_848.3MHz_RB_6_0_NTNV



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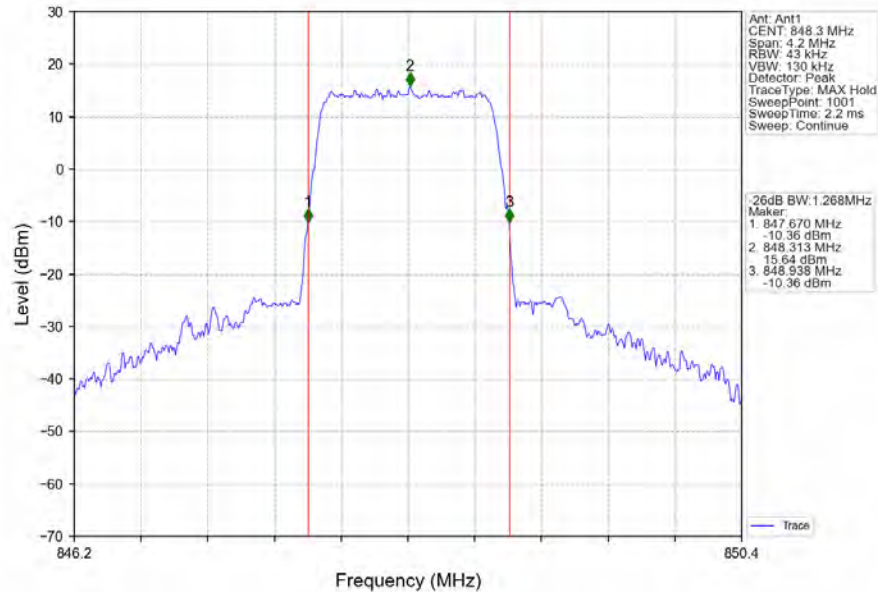


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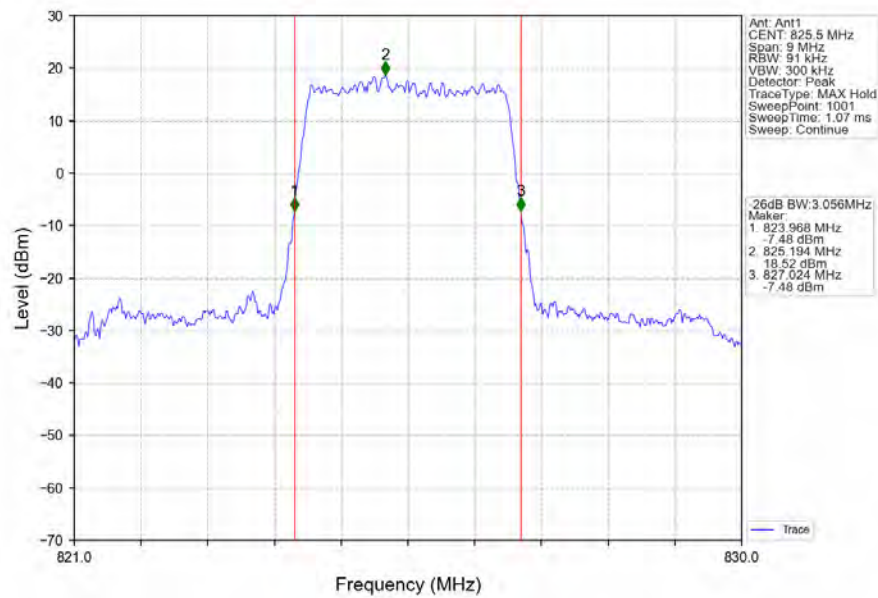
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Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



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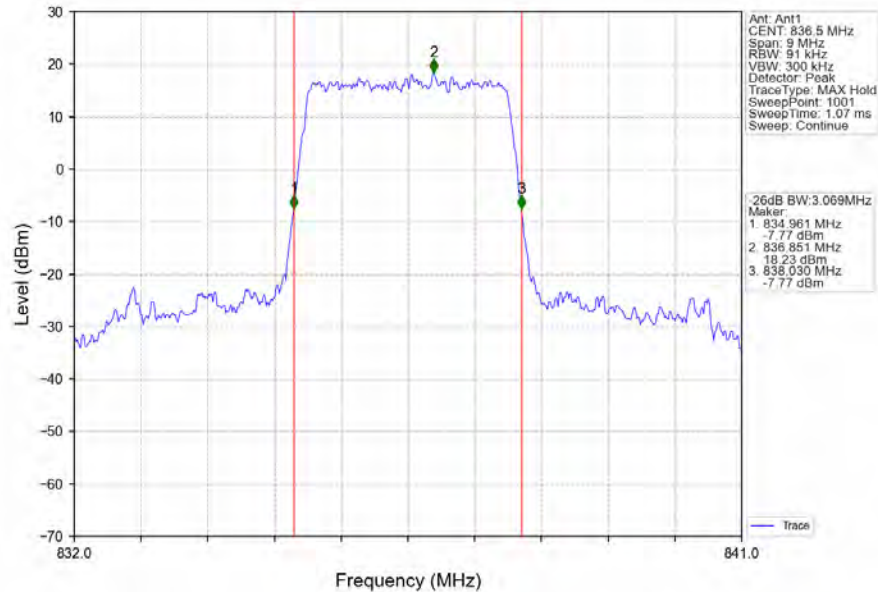


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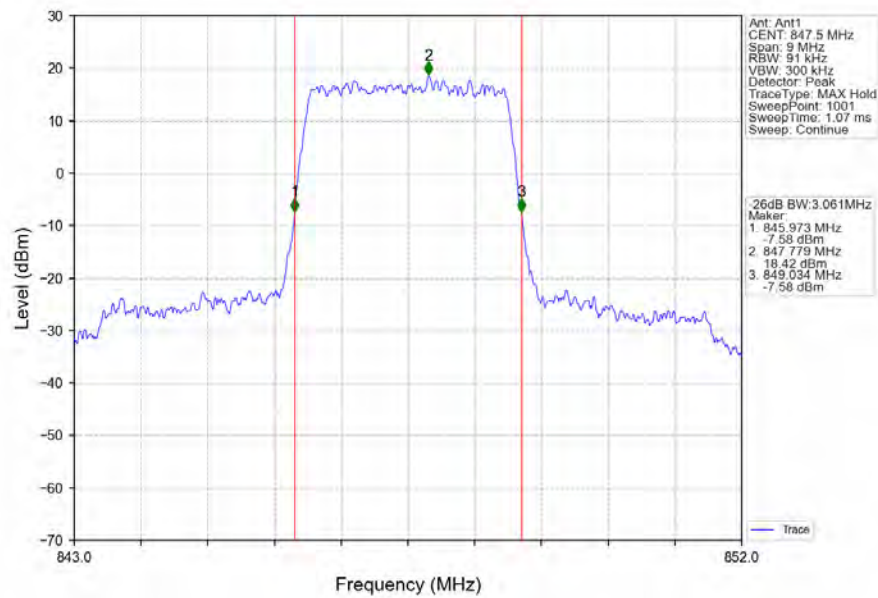
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Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



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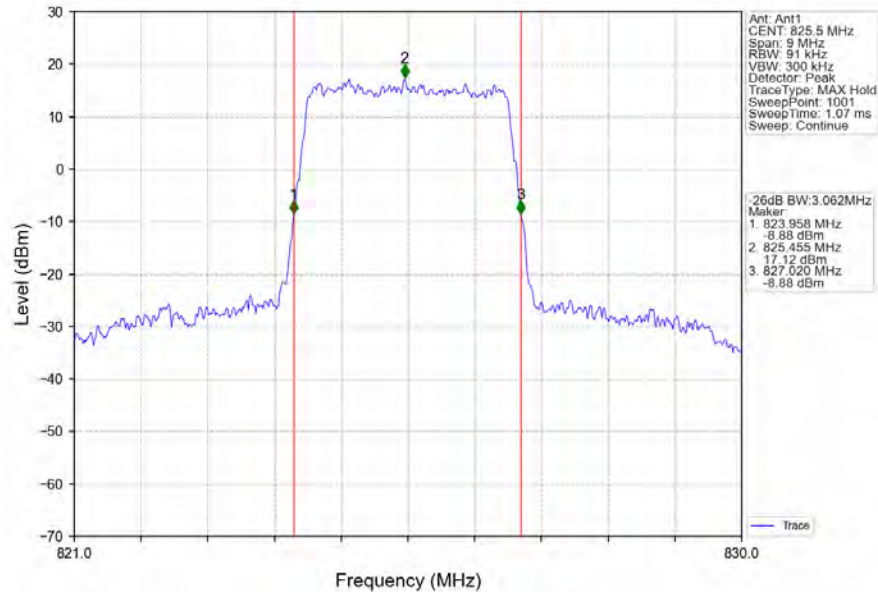


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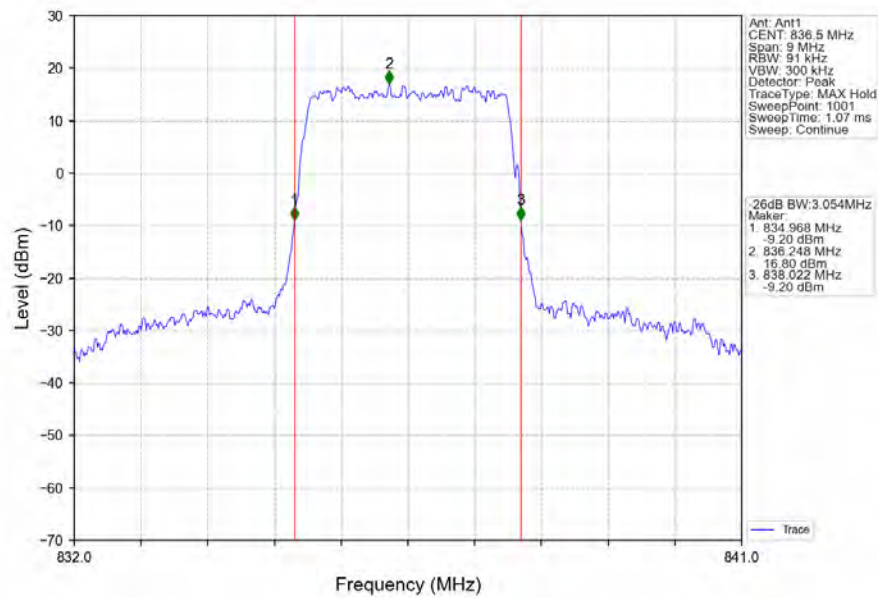
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Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



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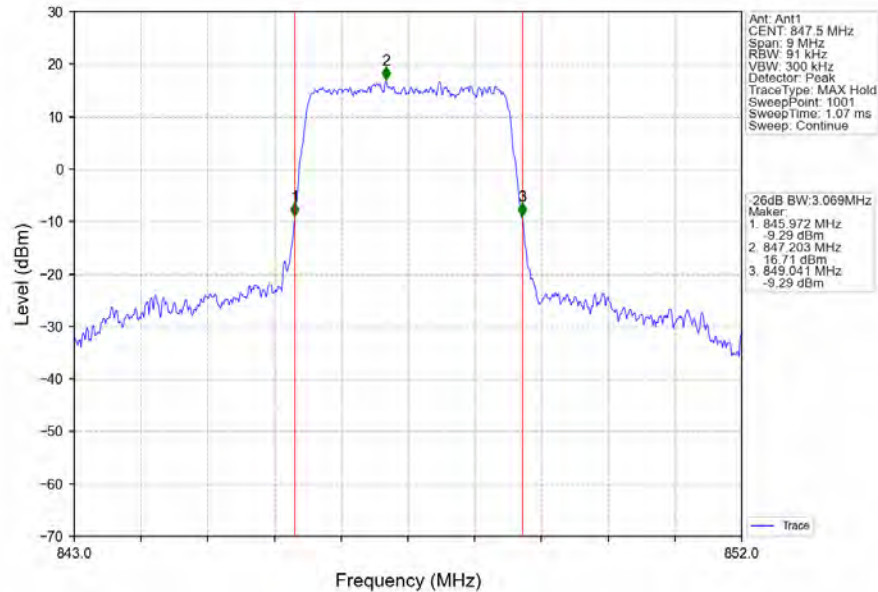


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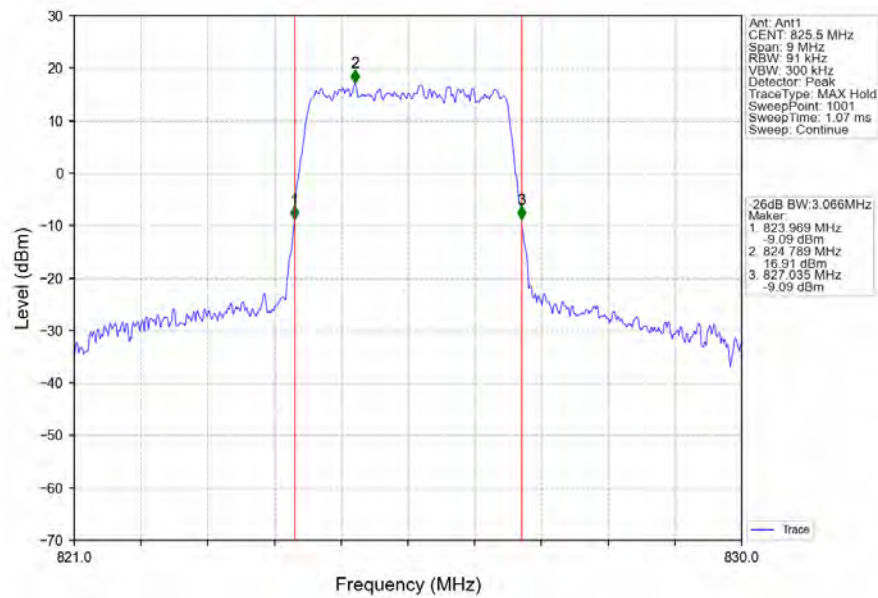
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Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



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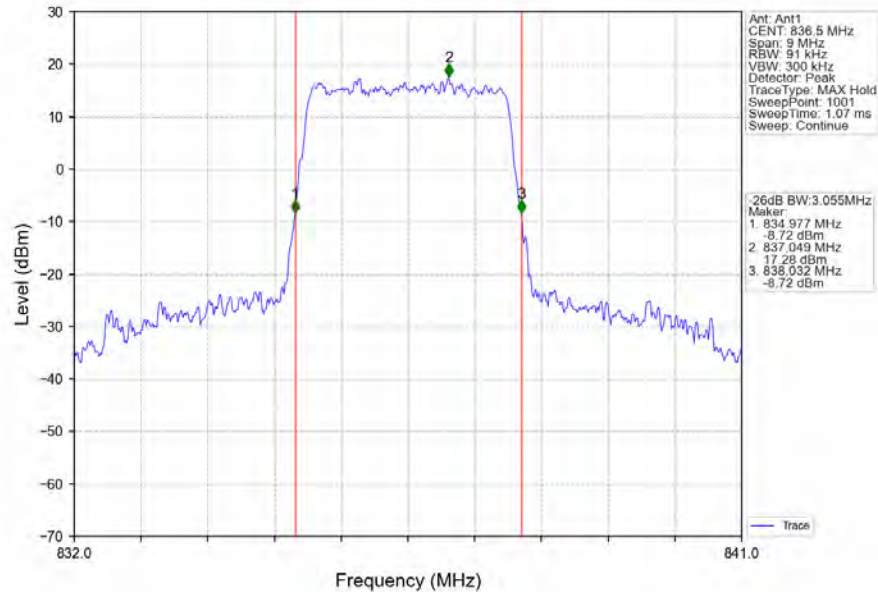


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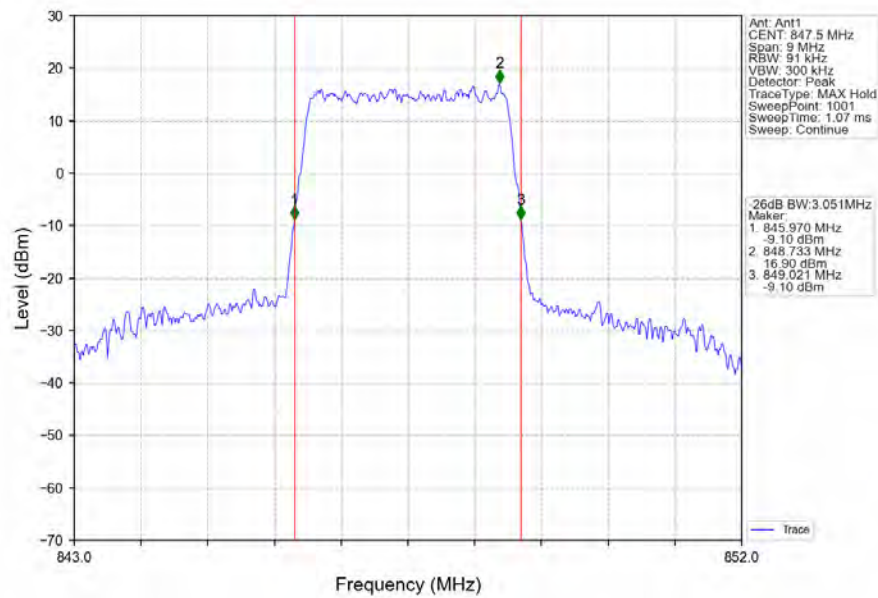
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Band5_3MHz_256QAM_LCH_825.5MHz_RB_15_0_NTNV



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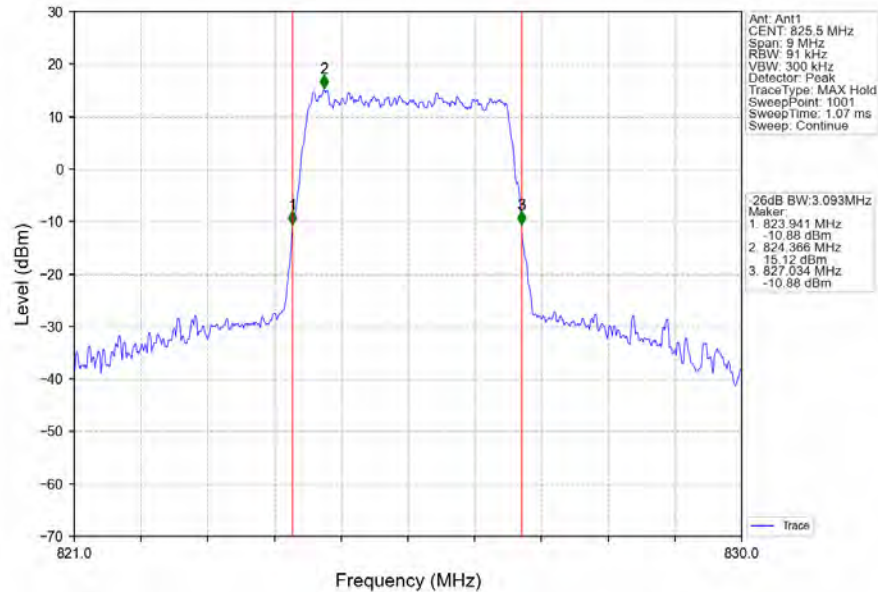


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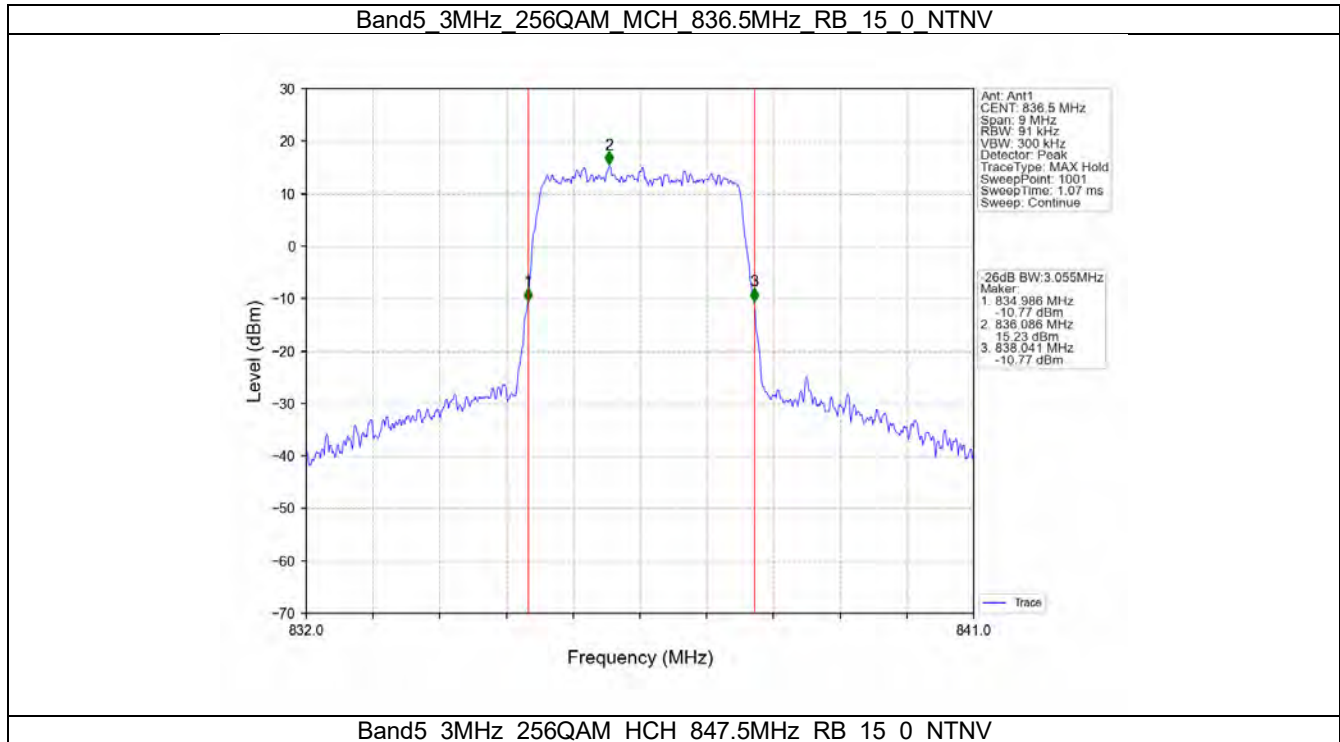


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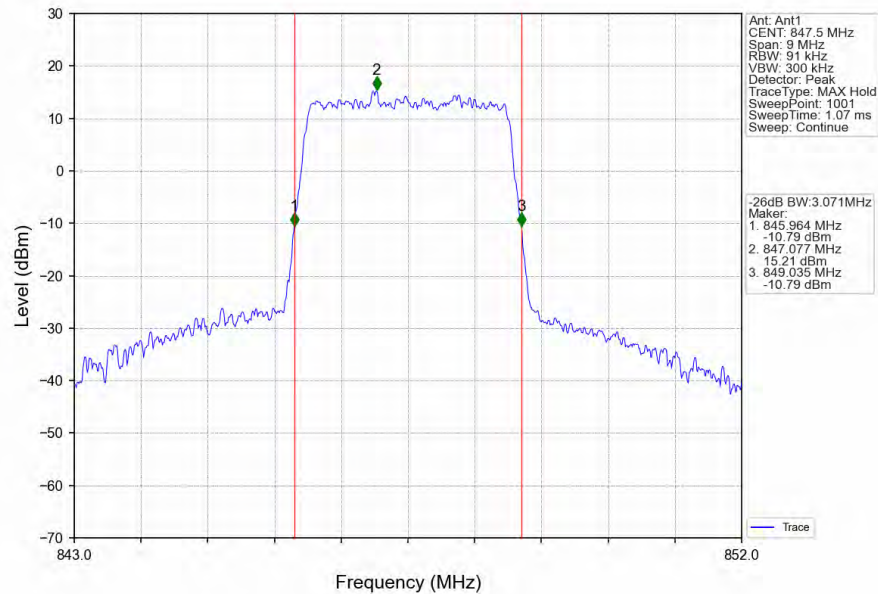


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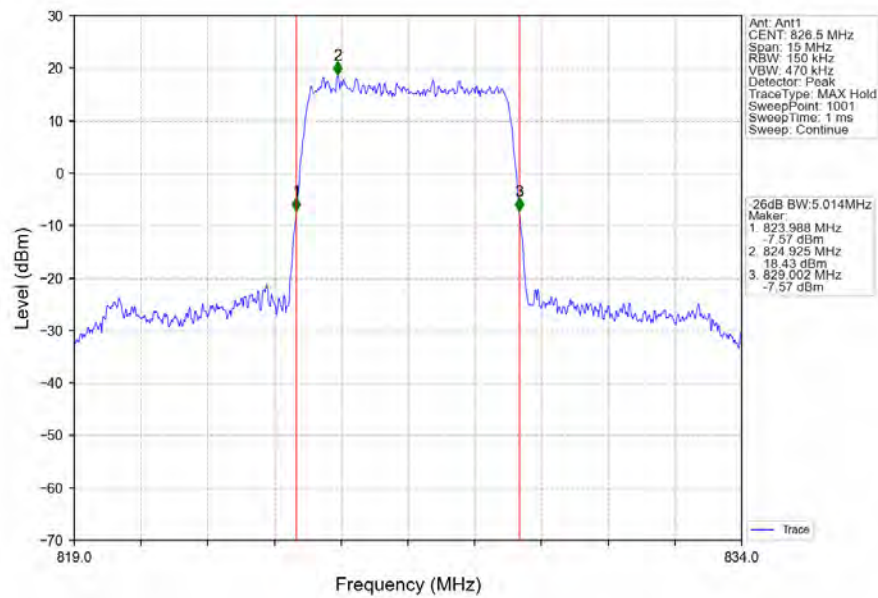
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Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



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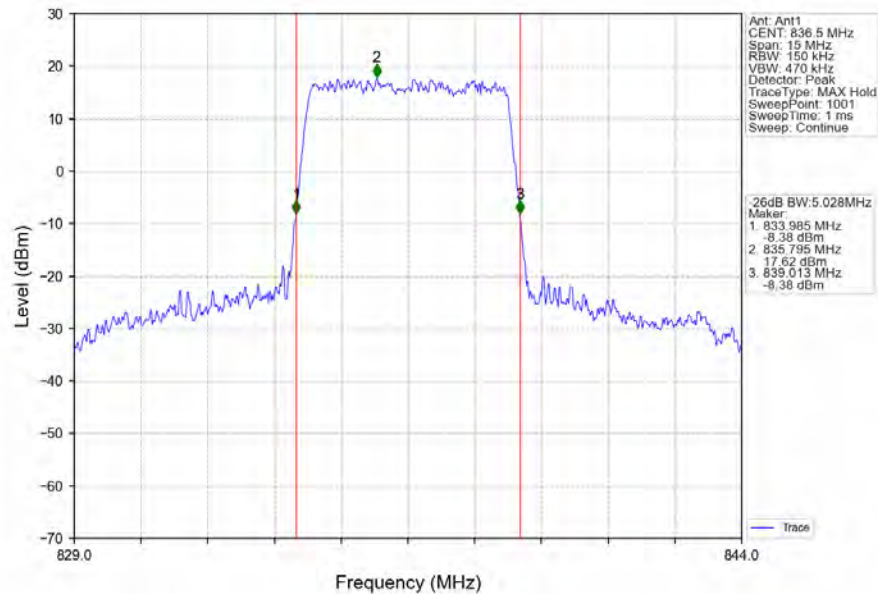


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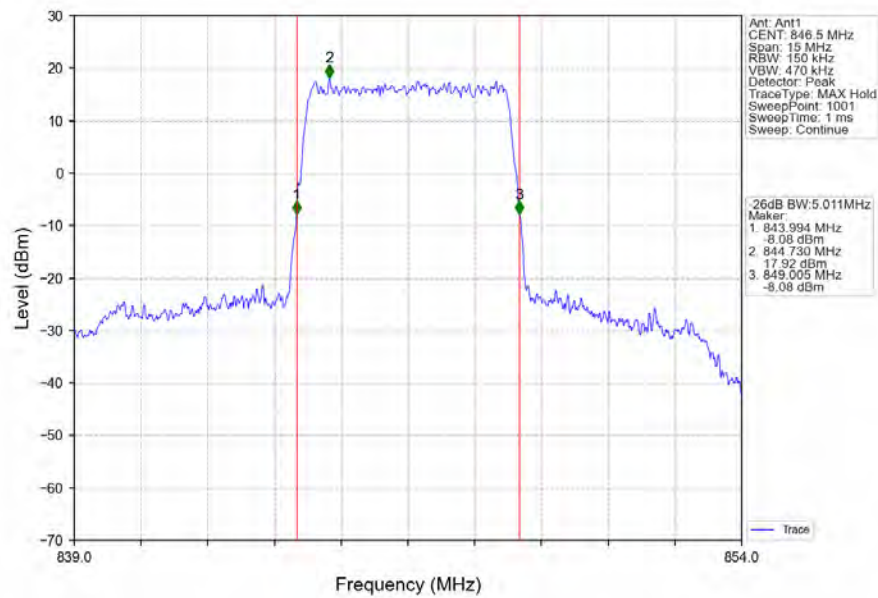
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Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



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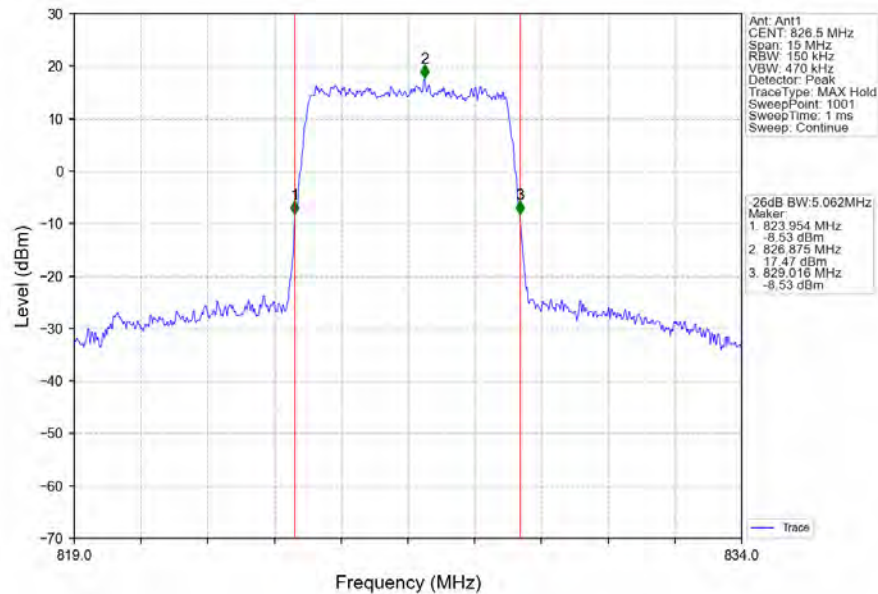


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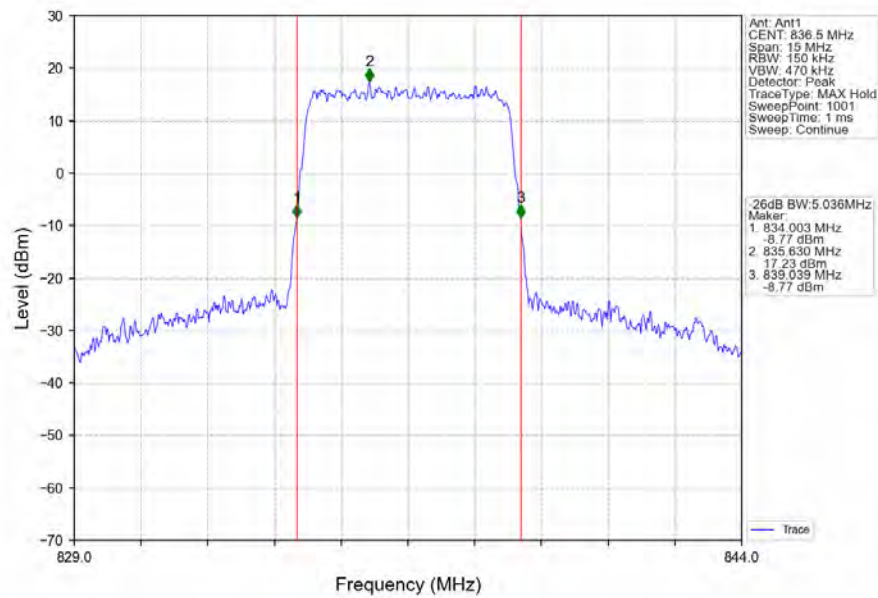
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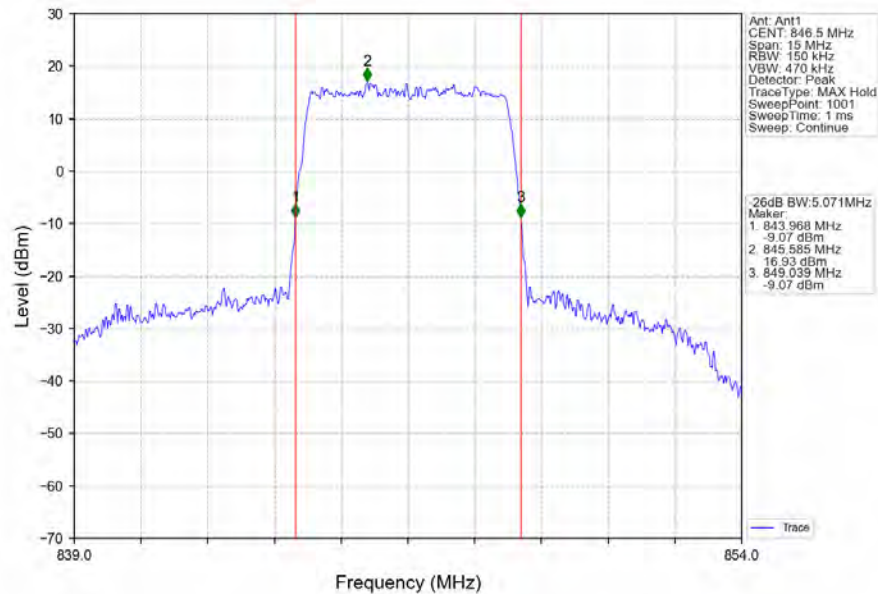


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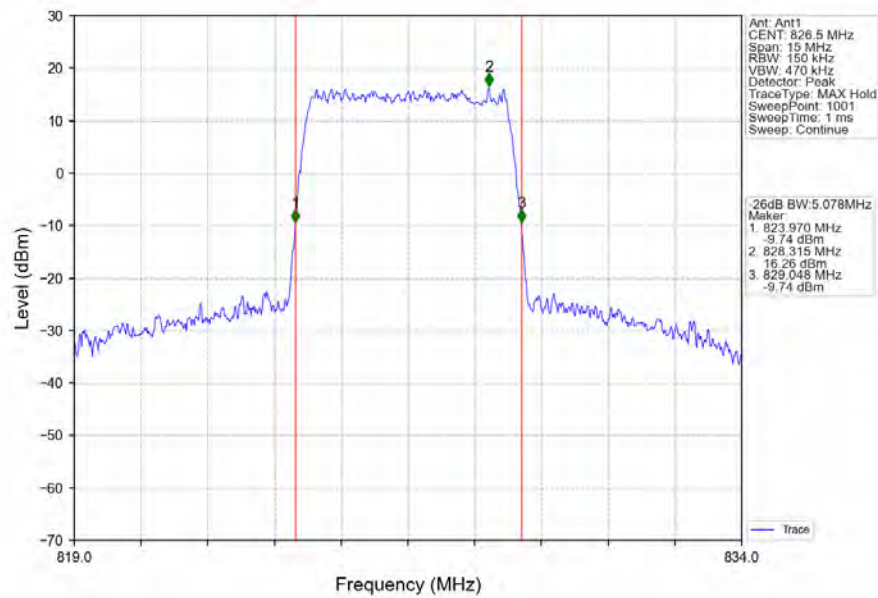
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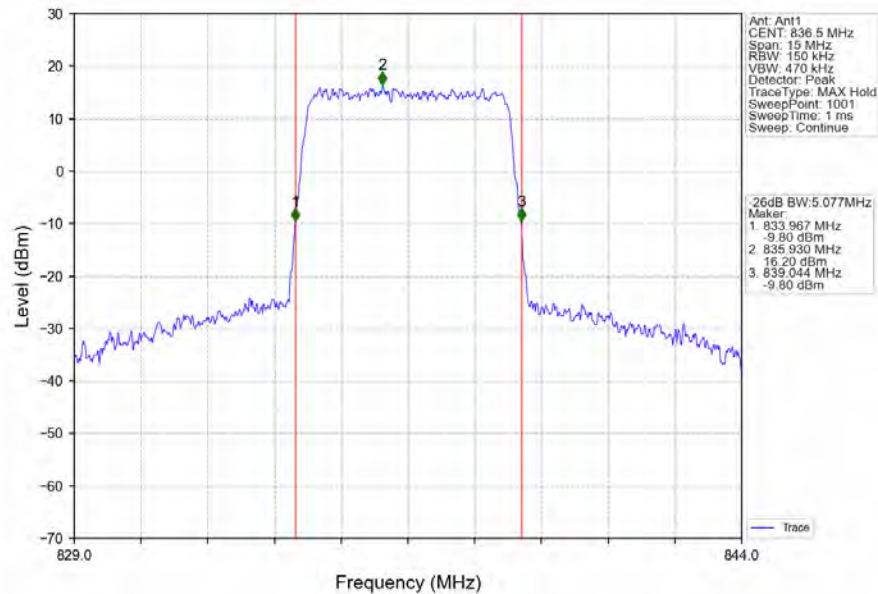


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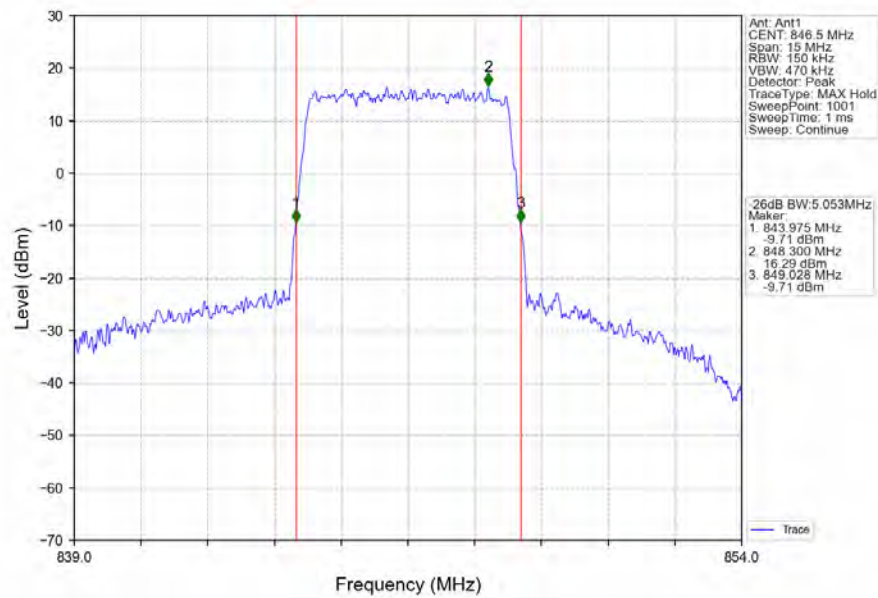
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Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



Band5_5MHz_256QAM_LCH_826.5MHz_RB_25_0_NTNV



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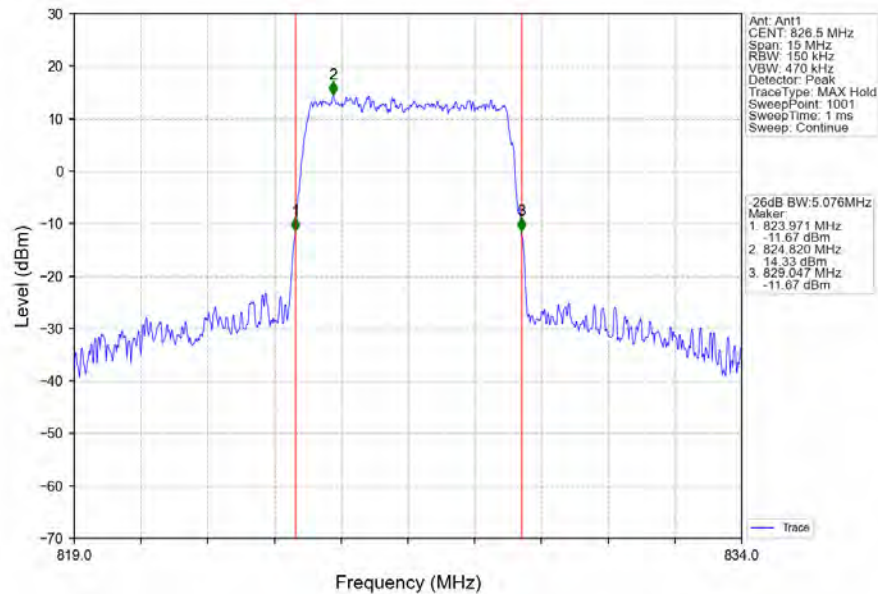


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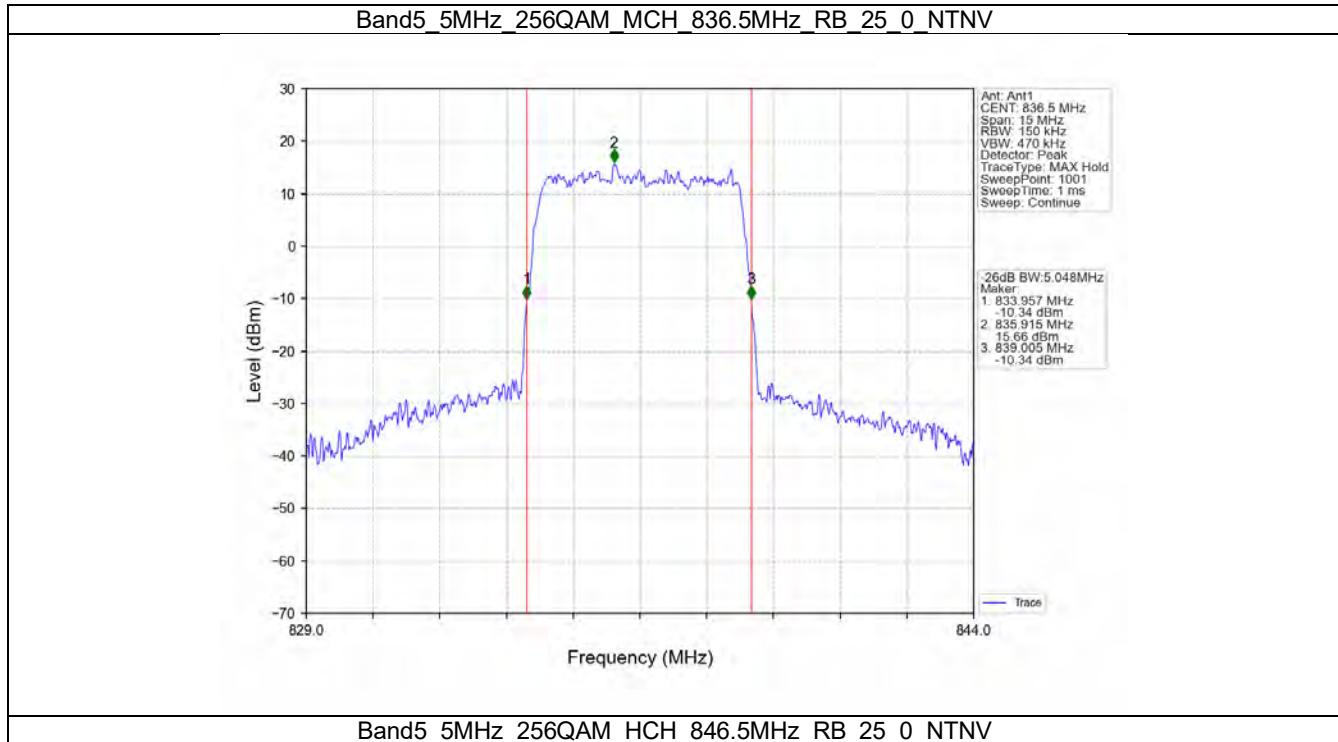


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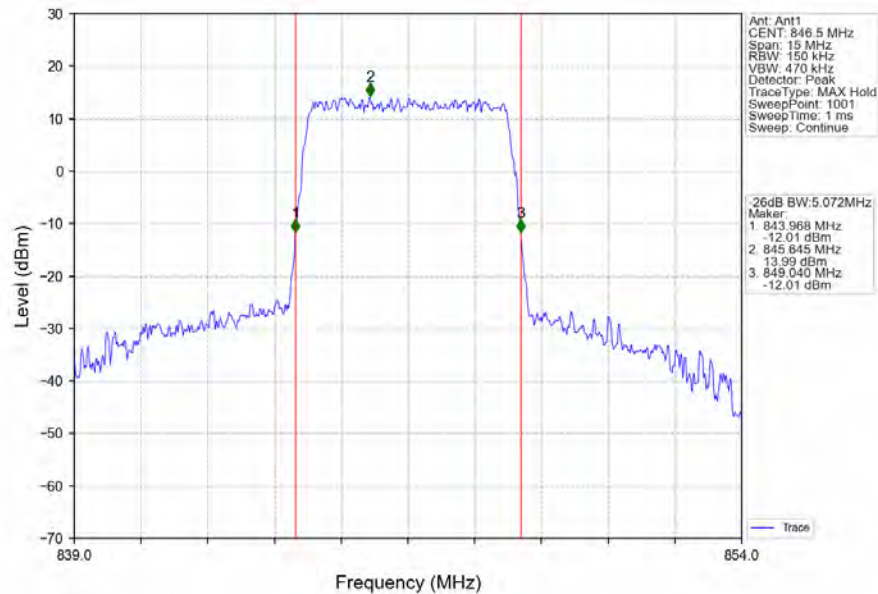


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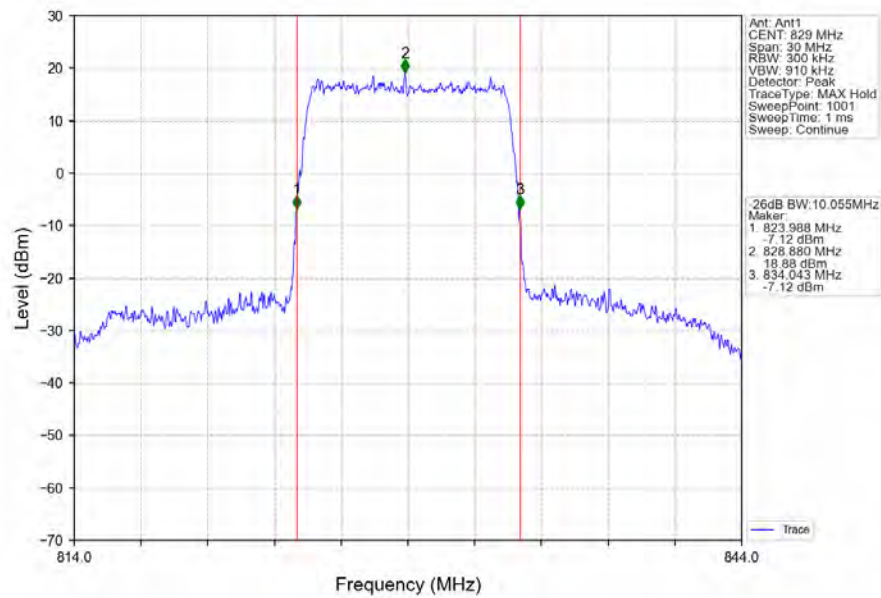
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Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



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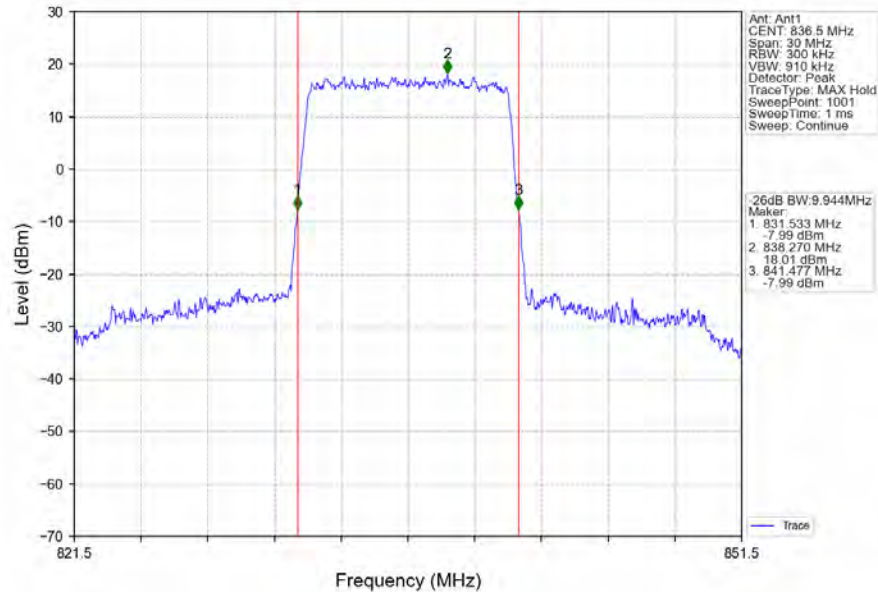


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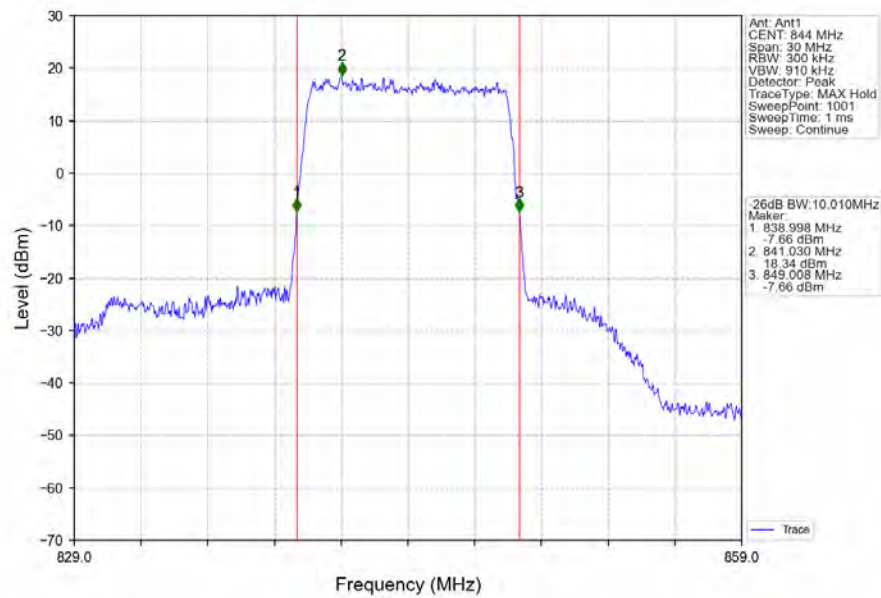
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Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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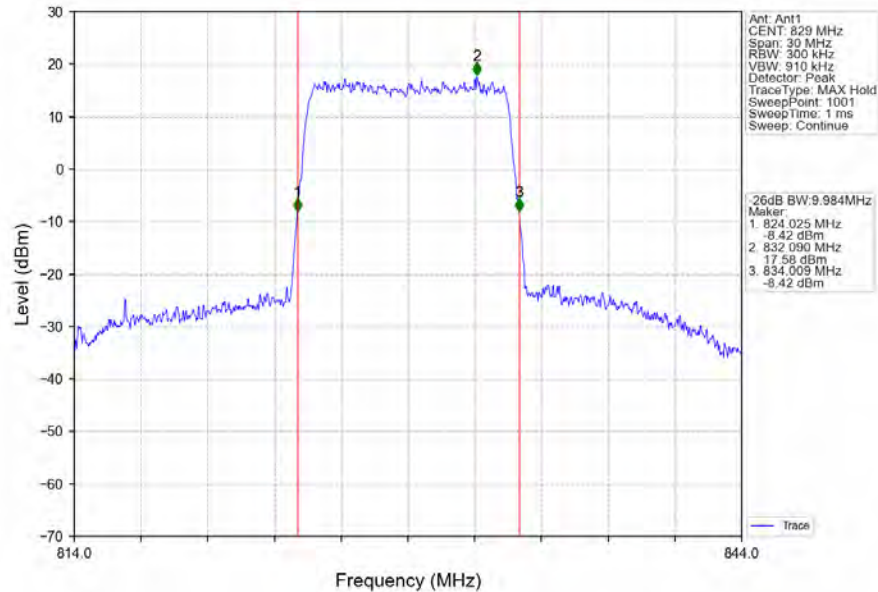


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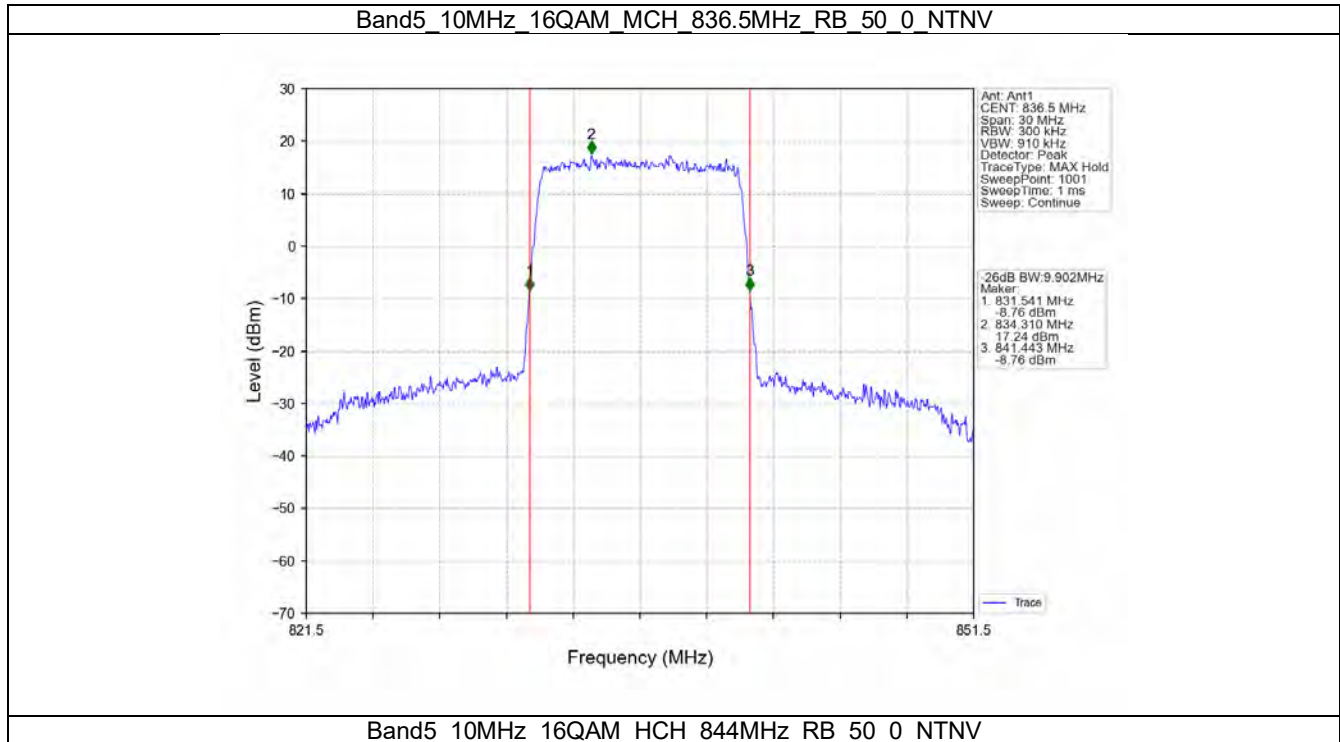


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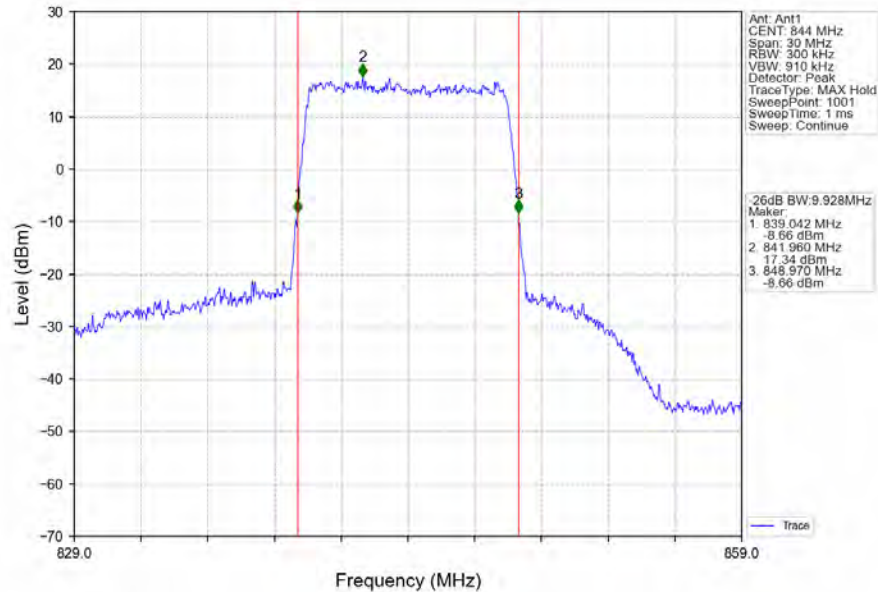


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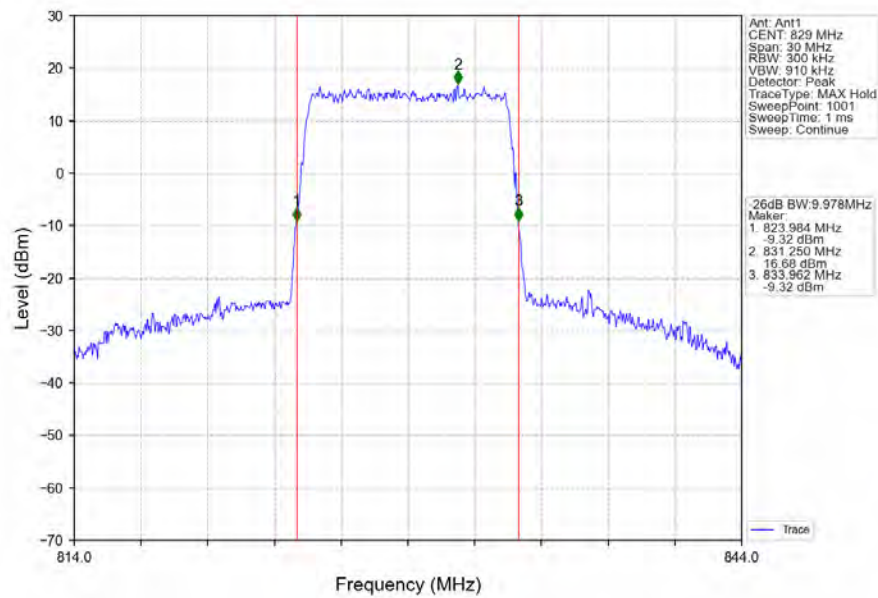
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Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



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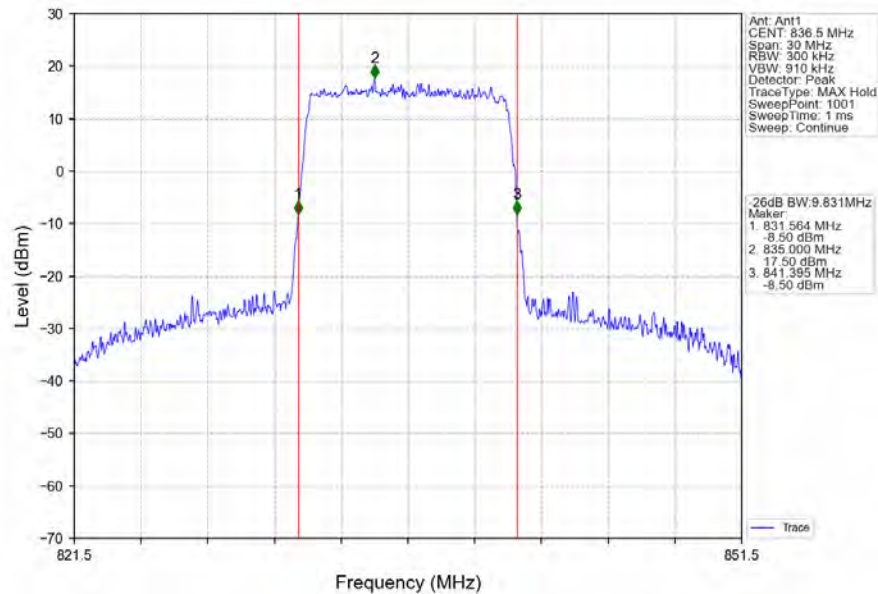


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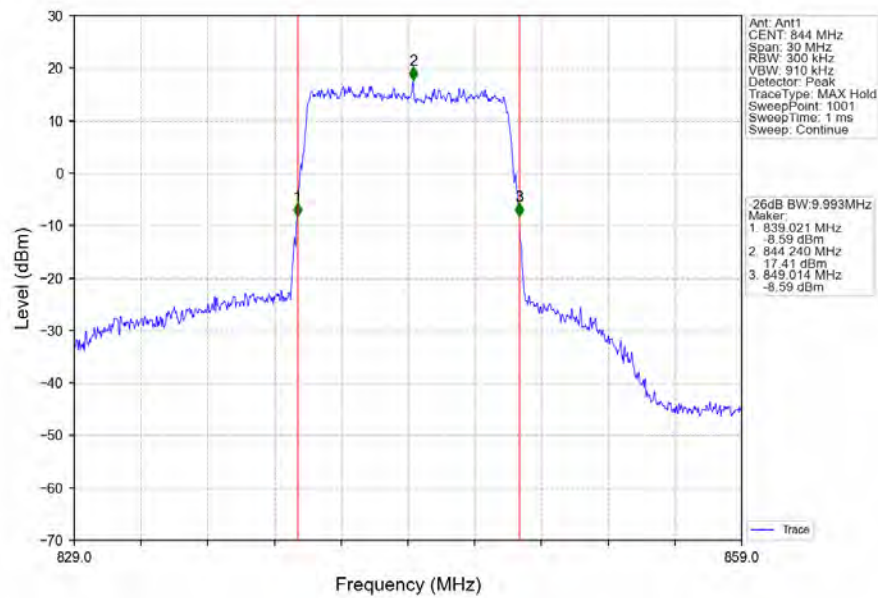
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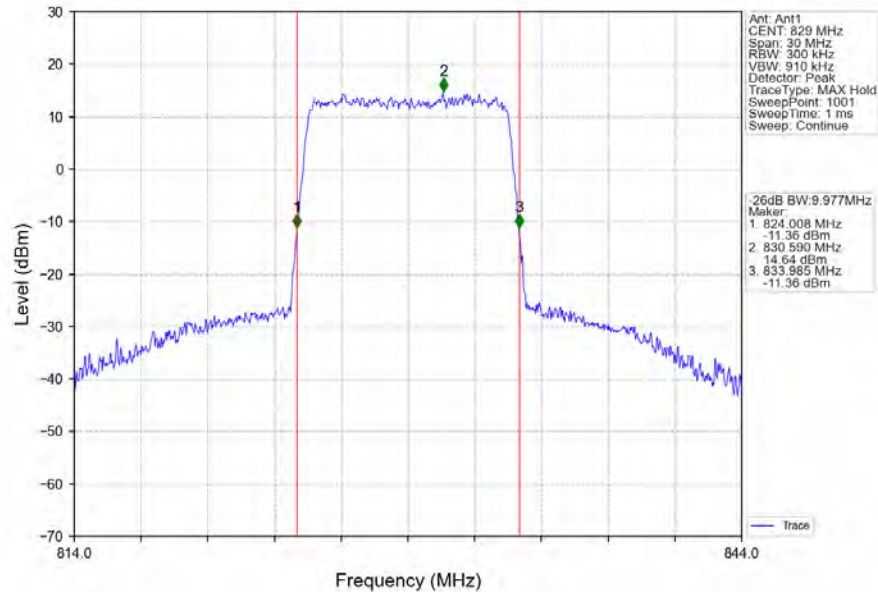


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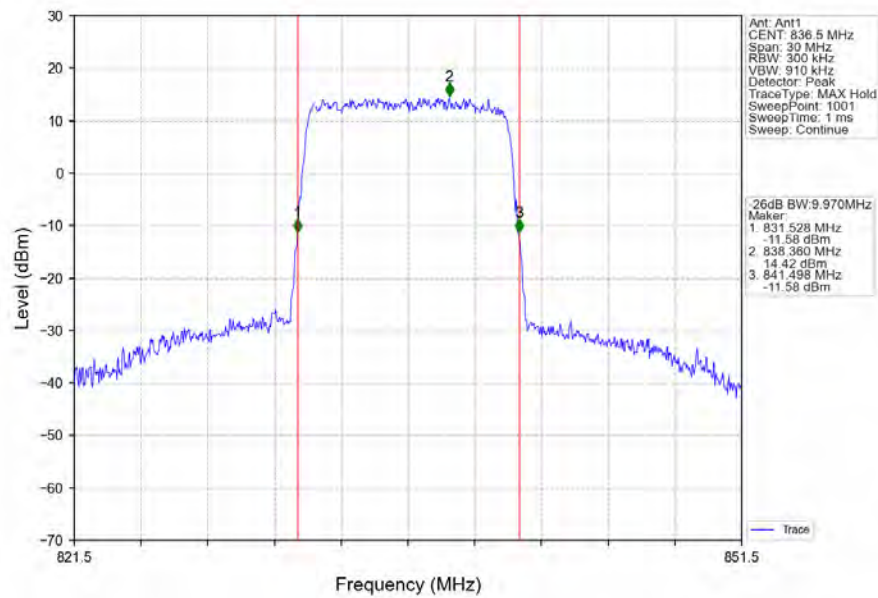
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Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_HCH_844MHz_RB_50_0_NTNV



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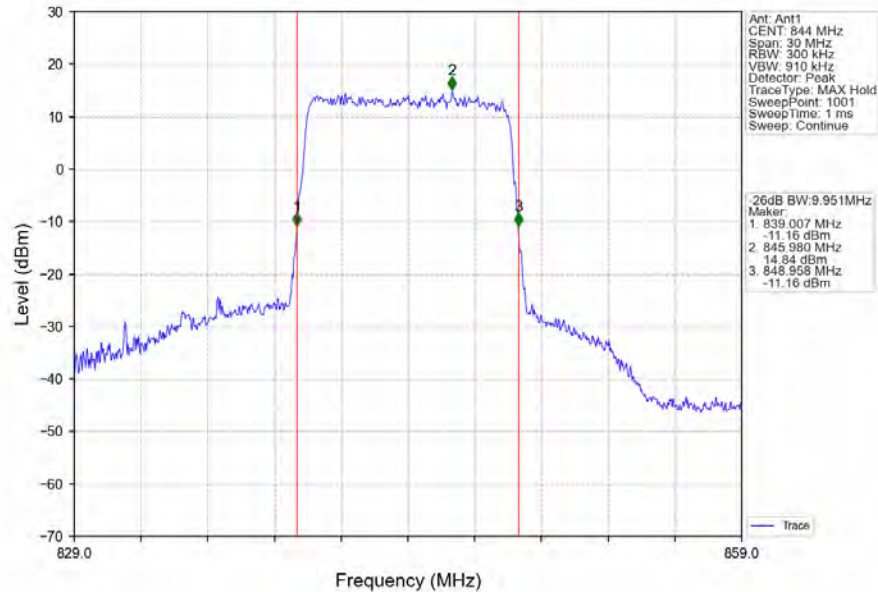


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4. Peak-Average Ratio

4.1 B5_1.4MHz

4.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.81	<=13	Pass
	836.5	6	0	4.83	<=13	Pass
	848.3	6	0	4.50	<=13	Pass
16QAM	824.7	6	0	5.68	<=13	Pass
	836.5	6	0	5.73	<=13	Pass
	848.3	6	0	5.43	<=13	Pass
64QAM	824.7	6	0	6.46	<=13	Pass
	836.5	6	0	6.46	<=13	Pass
	848.3	6	0	6.43	<=13	Pass
256QAM	824.7	6	0	6.73	<=13	Pass
	836.5	6	0	6.53	<=13	Pass
	848.3	6	0	6.61	<=13	Pass



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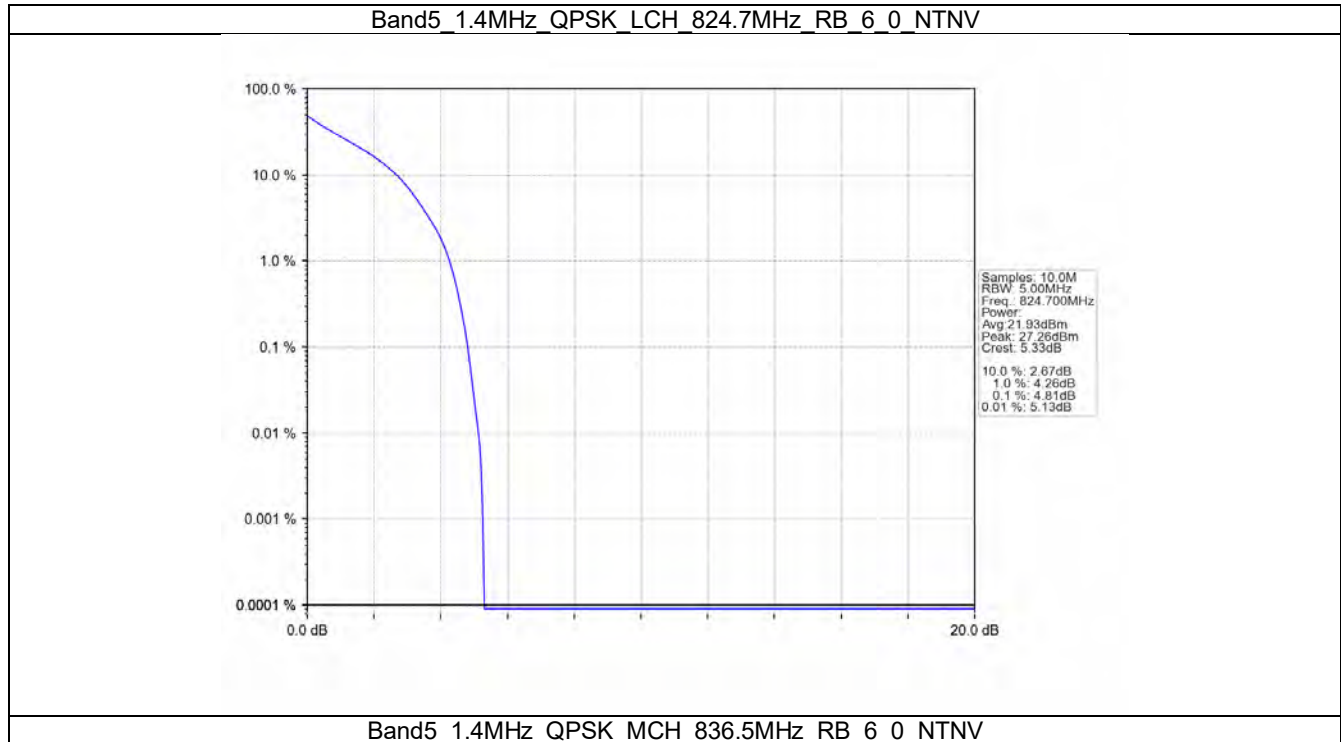
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4.1.2 Test Graph



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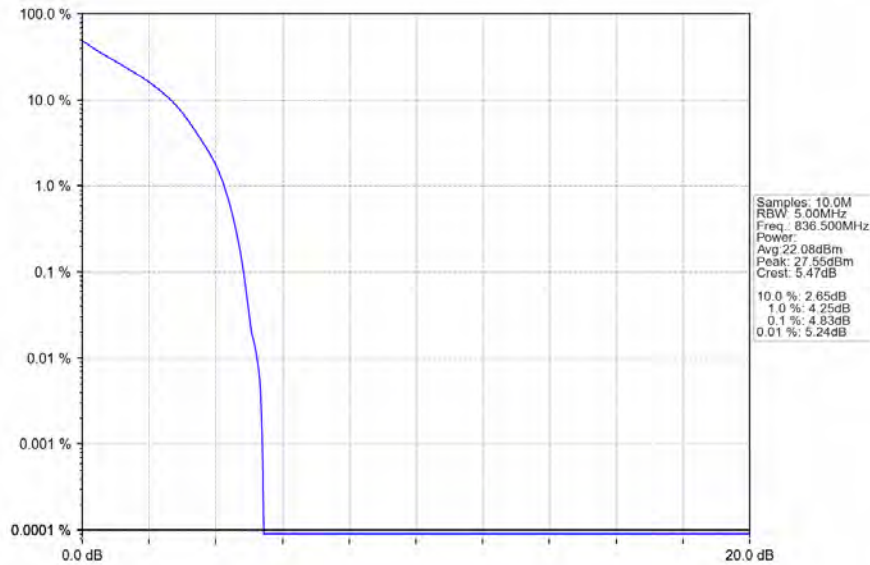


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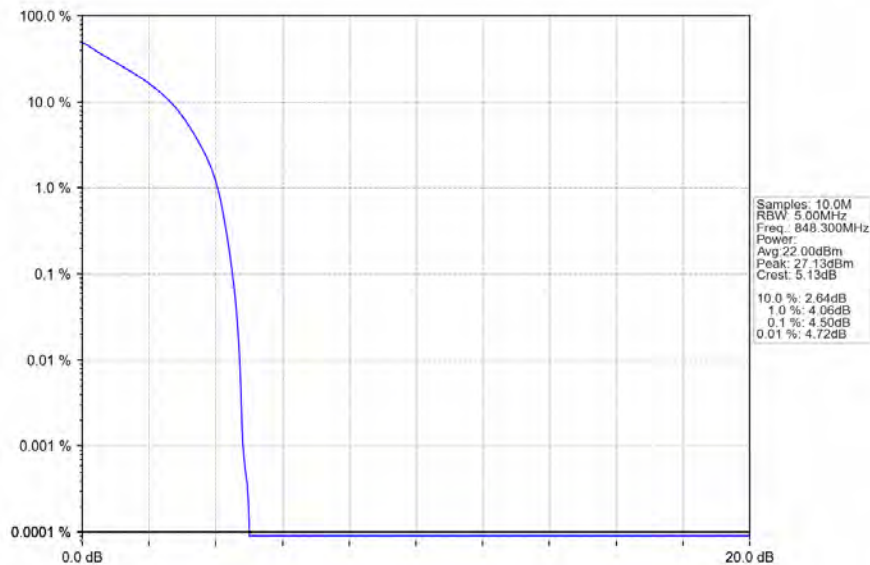
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Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



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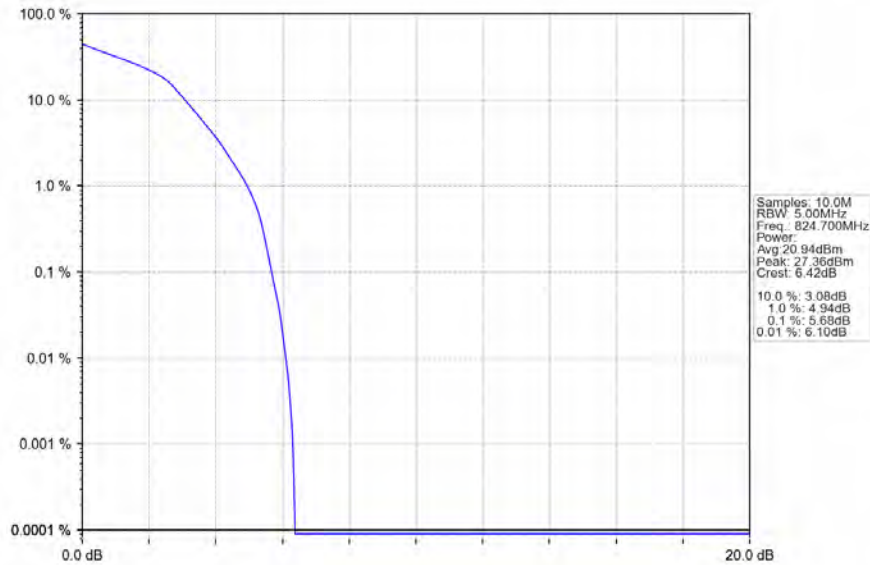


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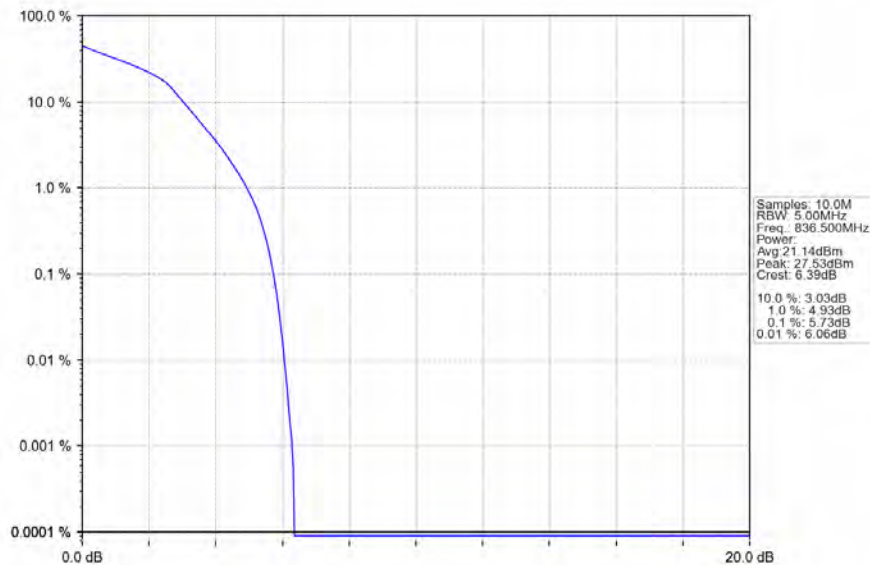
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Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



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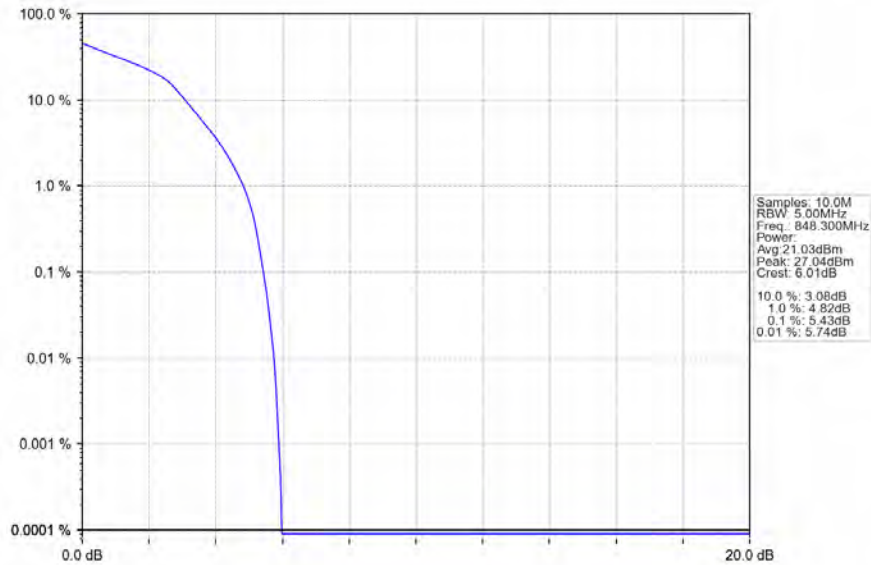


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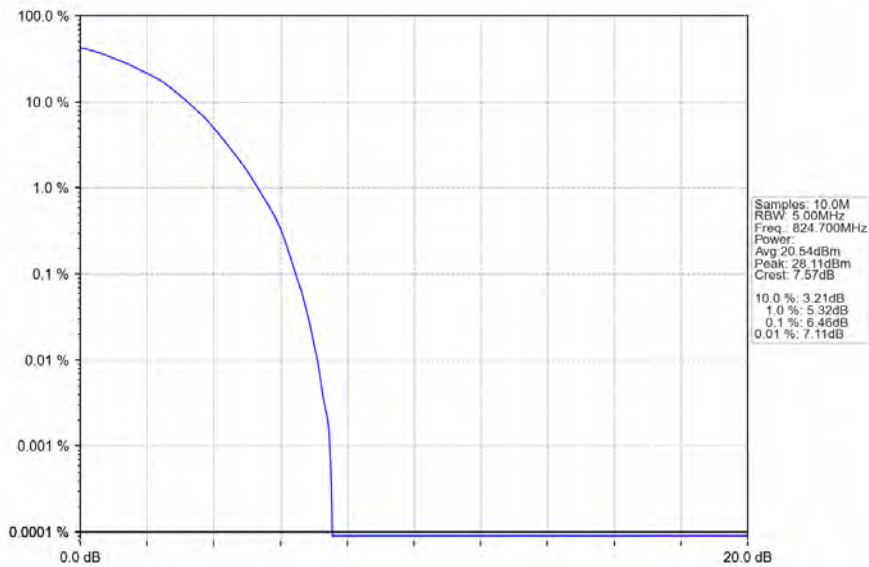
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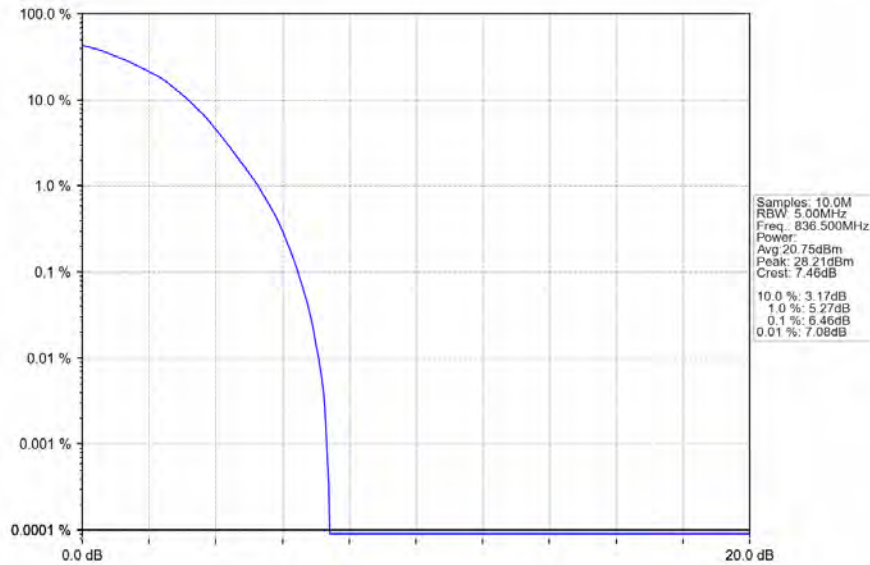


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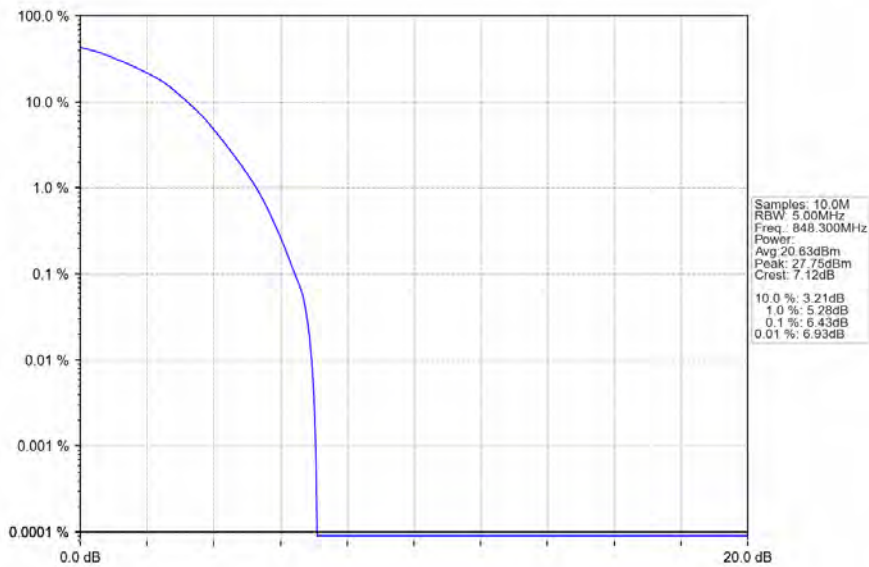
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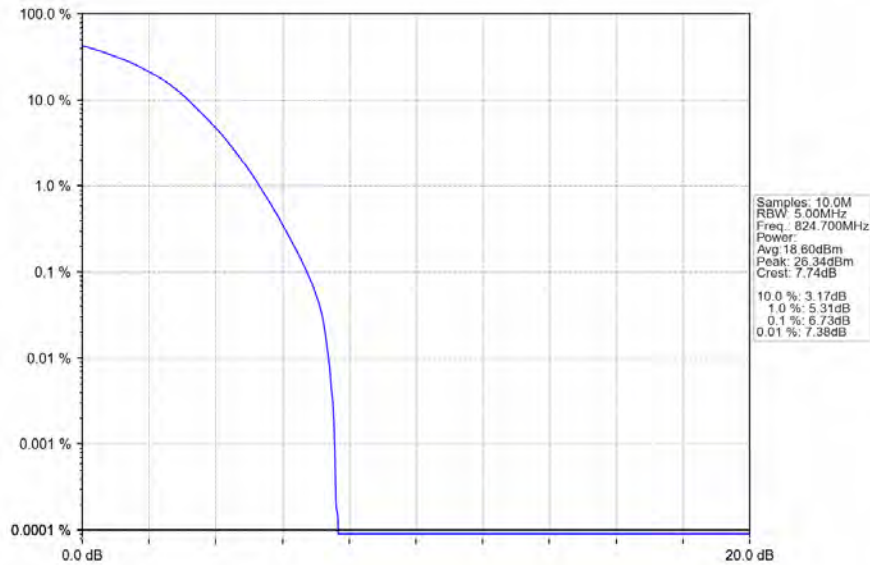


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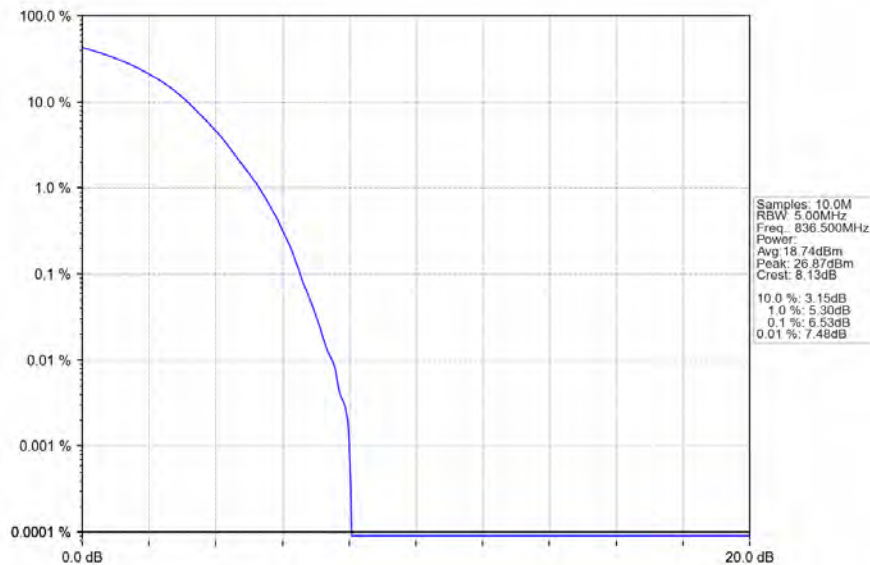
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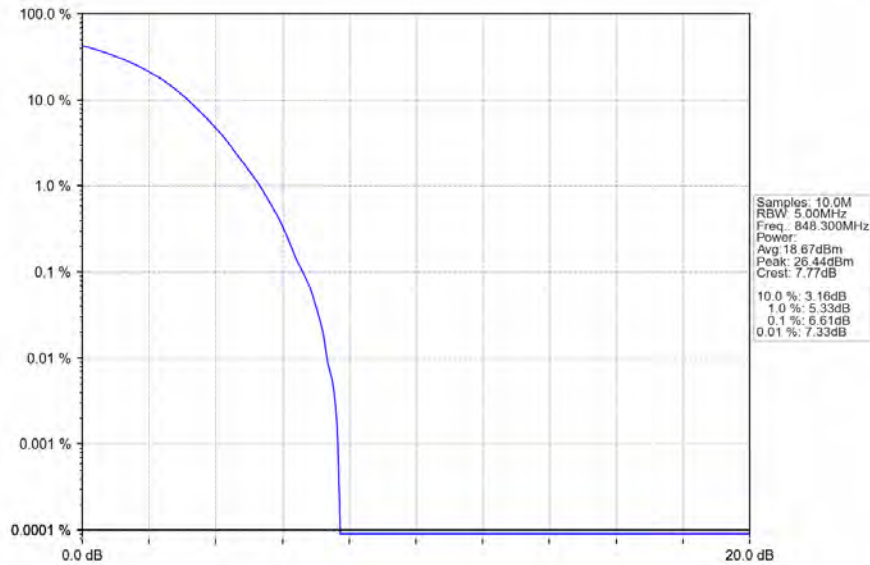


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4.2 B5_3MHz

4.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.90	<=13	Pass
	836.5	15	0	4.85	<=13	Pass
	847.5	15	0	4.70	<=13	Pass
16QAM	825.5	15	0	5.75	<=13	Pass
	836.5	15	0	5.73	<=13	Pass
	847.5	15	0	5.55	<=13	Pass
64QAM	825.5	15	0	6.57	<=13	Pass
	836.5	15	0	6.40	<=13	Pass
	847.5	15	0	6.43	<=13	Pass
256QAM	825.5	15	0	6.76	<=13	Pass
	836.5	15	0	6.58	<=13	Pass
	847.5	15	0	6.65	<=13	Pass



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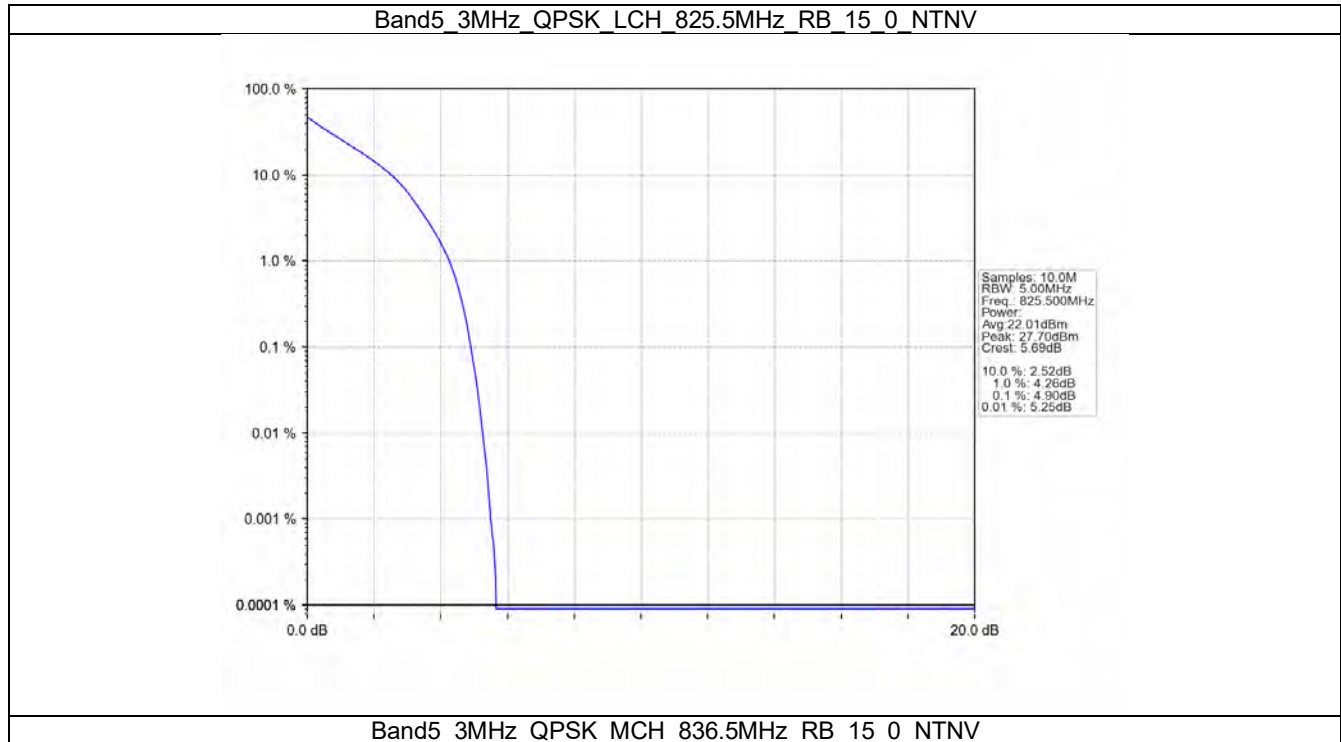
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4.2.2 Test Graph



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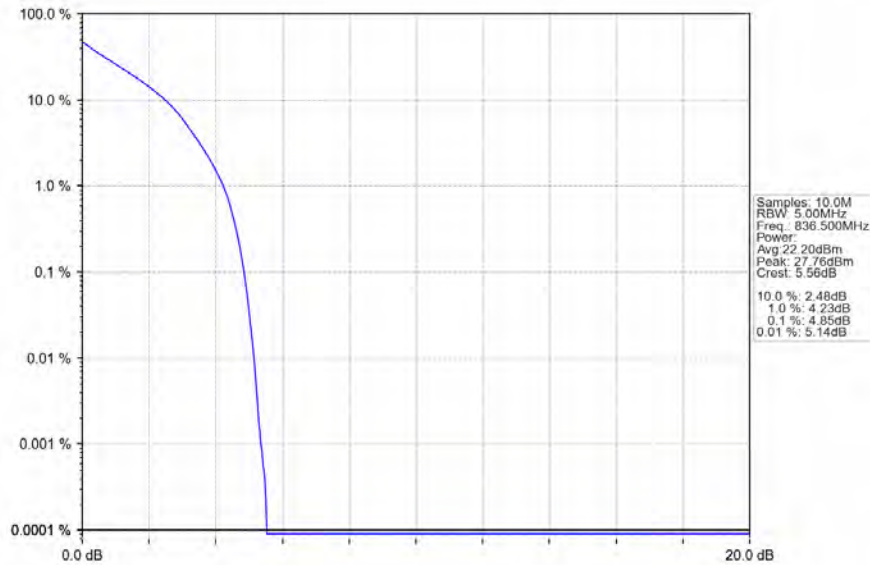


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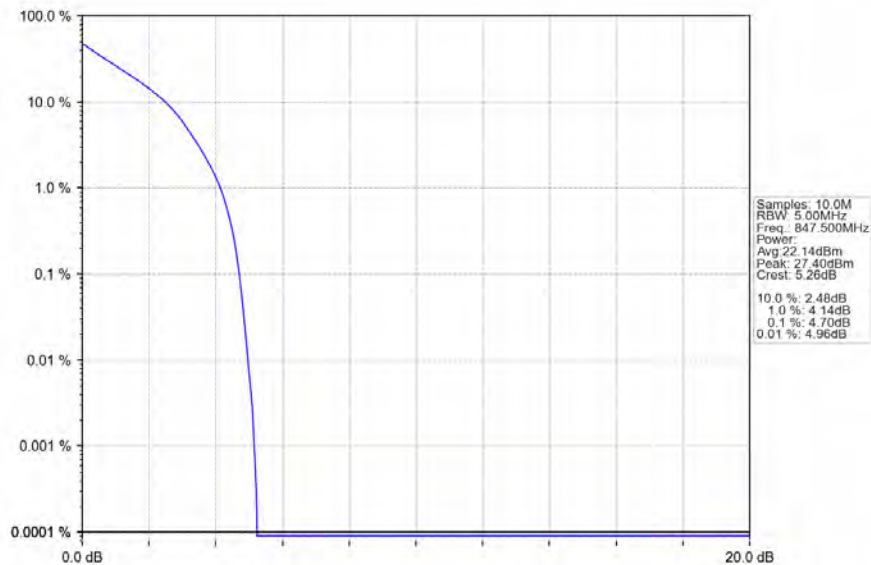
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Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



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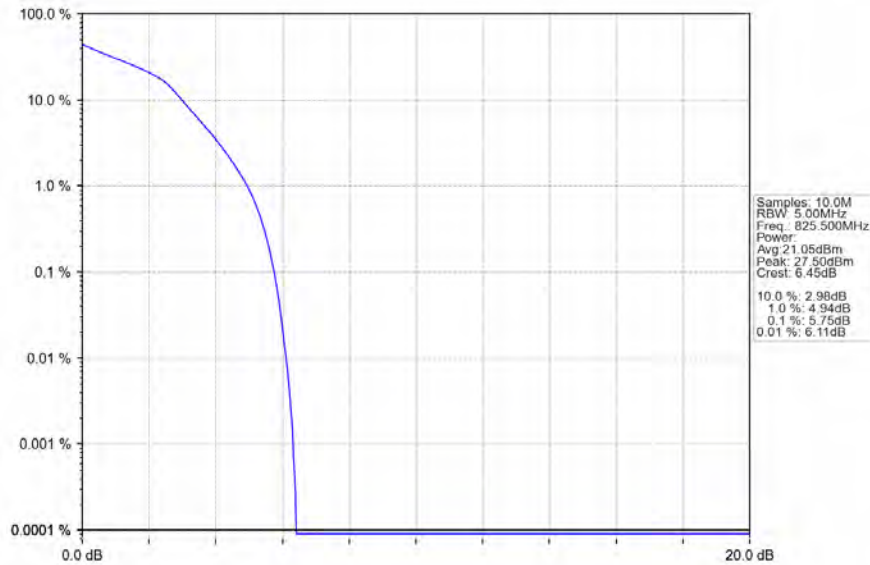


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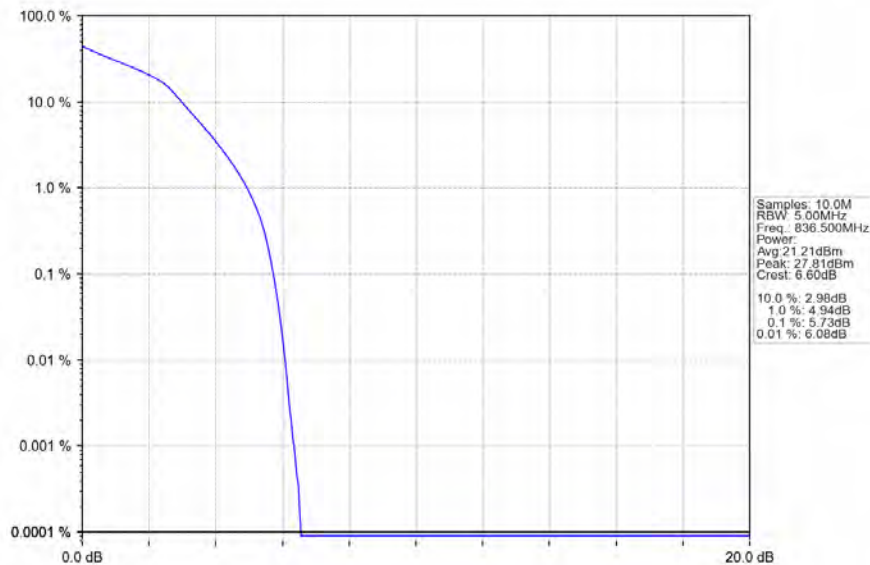
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Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



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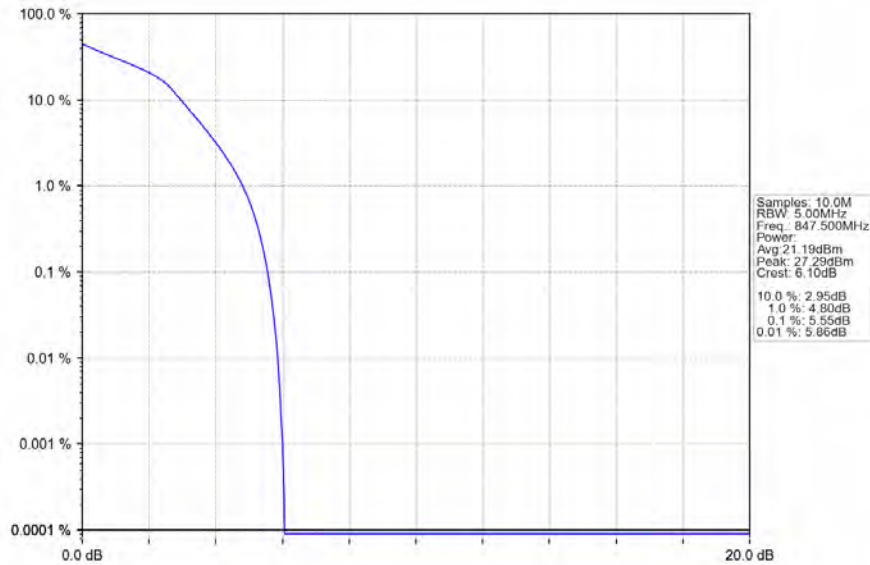


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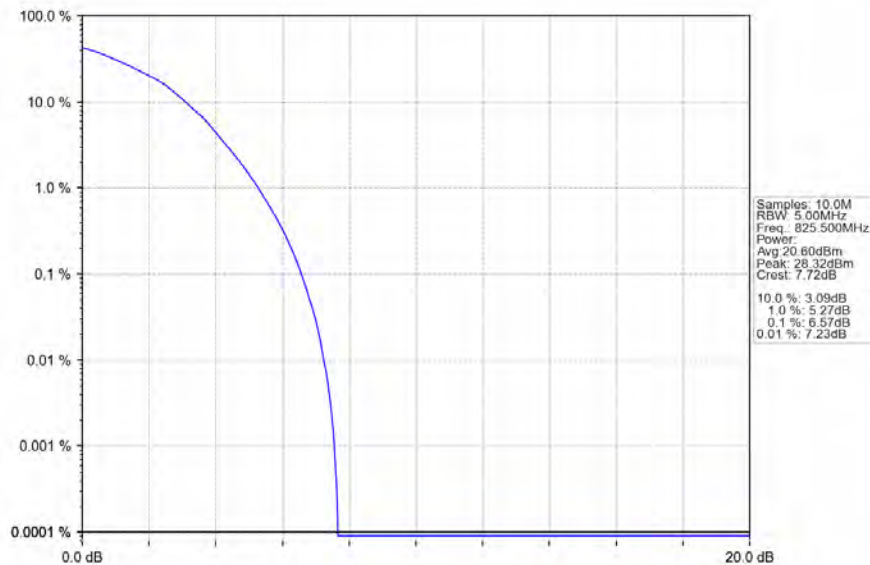
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Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



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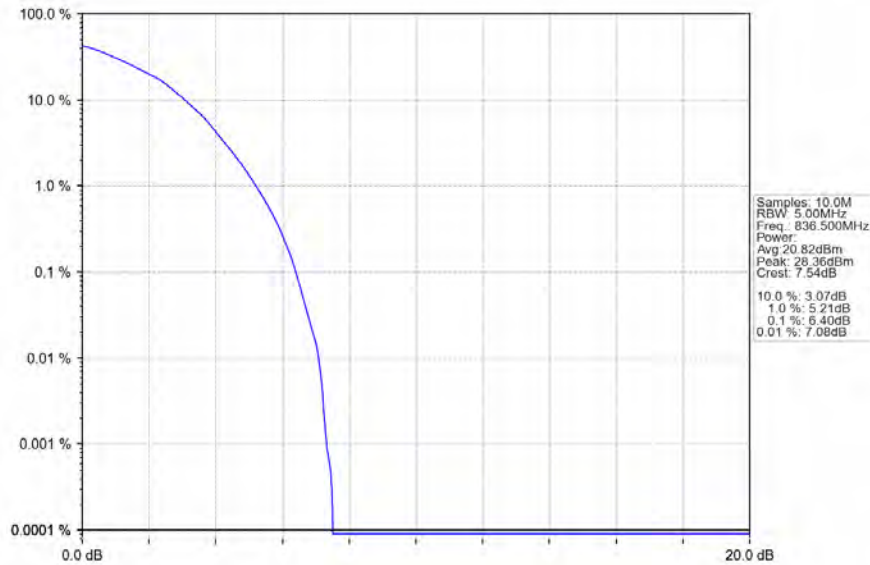


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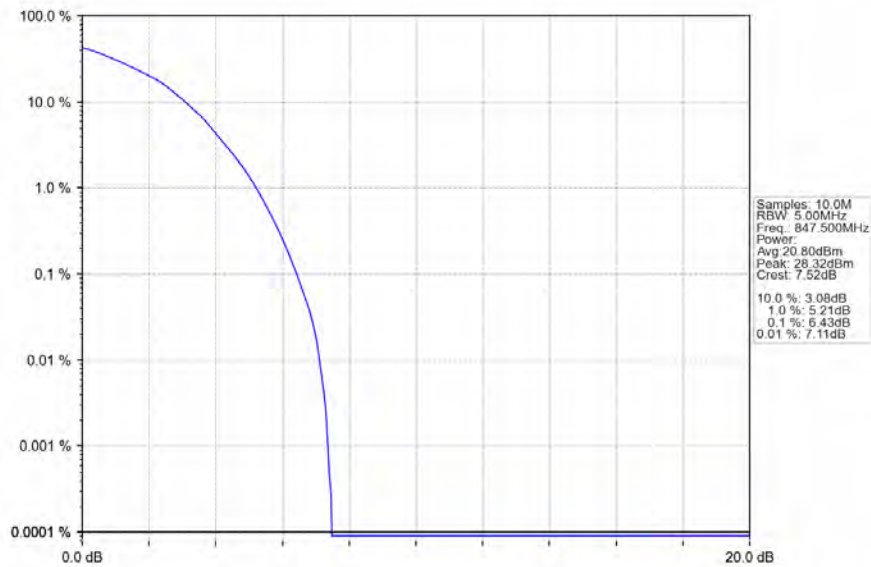
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Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



Band5_3MHz_256QAM_LCH_825.5MHz_RB_15_0_NTNV



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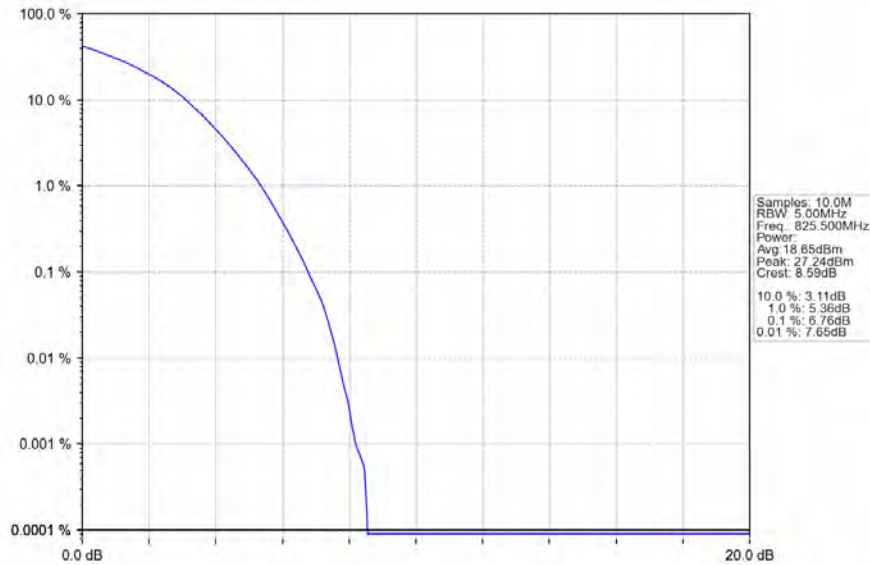


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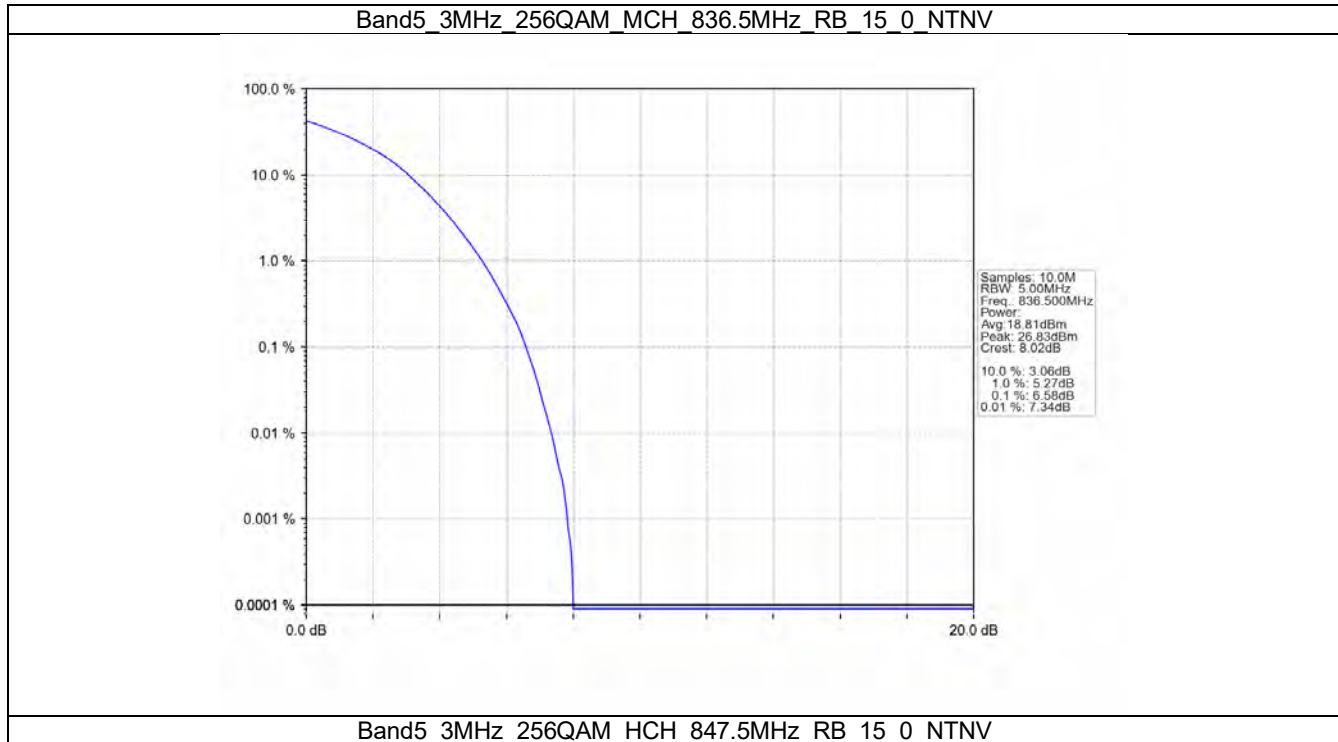


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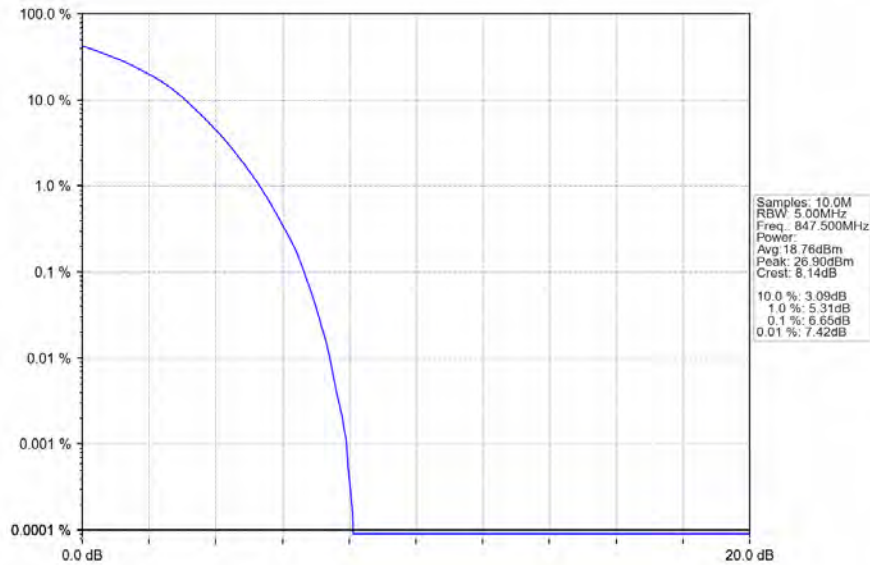


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4.3 B5_5MHz

4.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.12	<=13	Pass
	836.5	25	0	5.04	<=13	Pass
	846.5	25	0	5.02	<=13	Pass
16QAM	826.5	25	0	5.89	<=13	Pass
	836.5	25	0	5.83	<=13	Pass
	846.5	25	0	5.79	<=13	Pass
64QAM	826.5	25	0	6.61	<=13	Pass
	836.5	25	0	6.57	<=13	Pass
	846.5	25	0	6.57	<=13	Pass
256QAM	826.5	25	0	6.83	<=13	Pass
	836.5	25	0	6.68	<=13	Pass
	846.5	25	0	6.81	<=13	Pass



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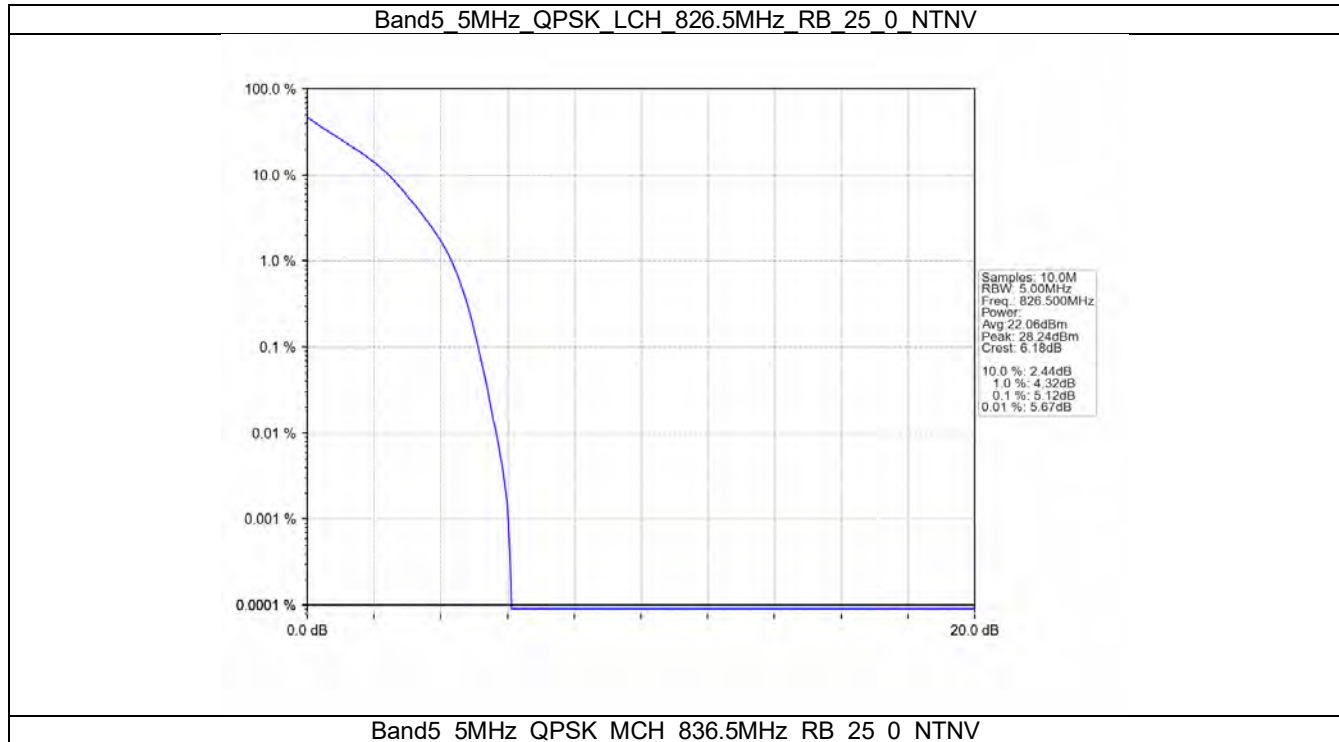
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4.3.2 Test Graph



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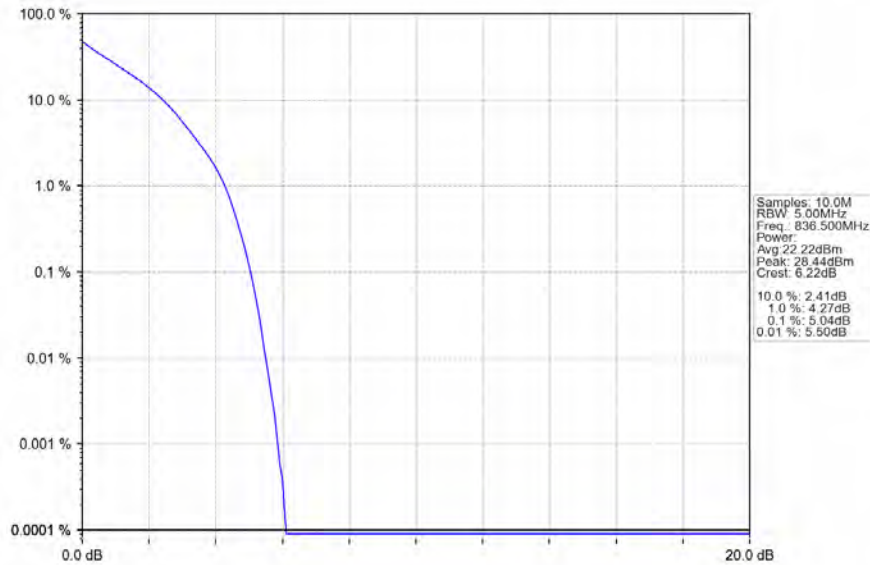


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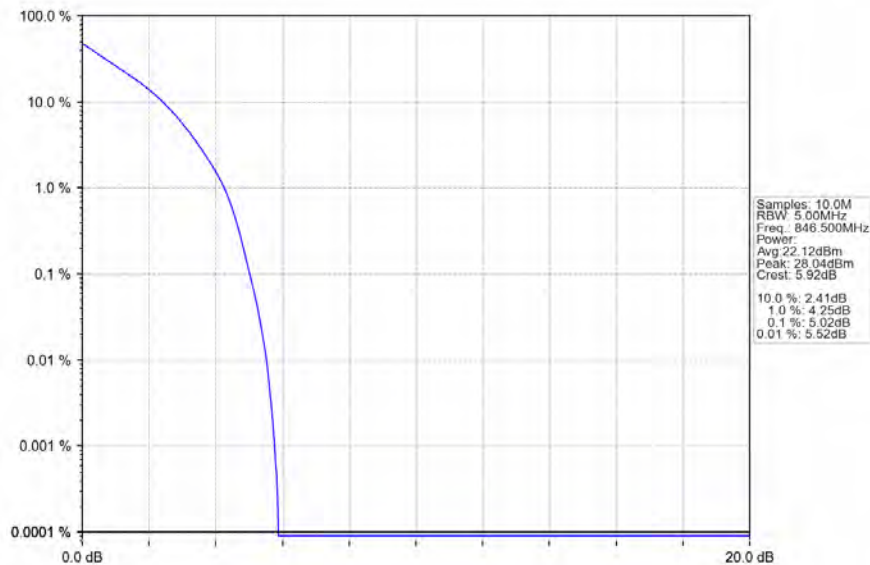
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Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



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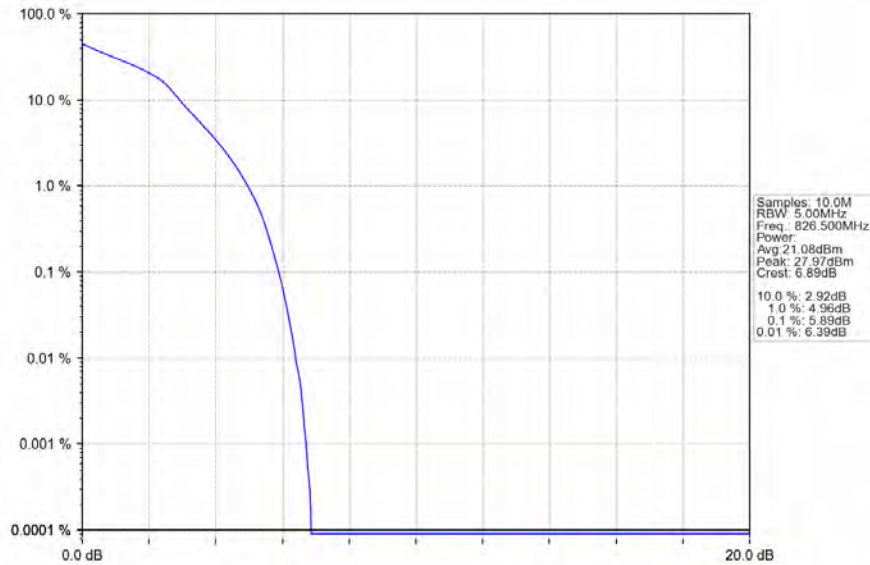


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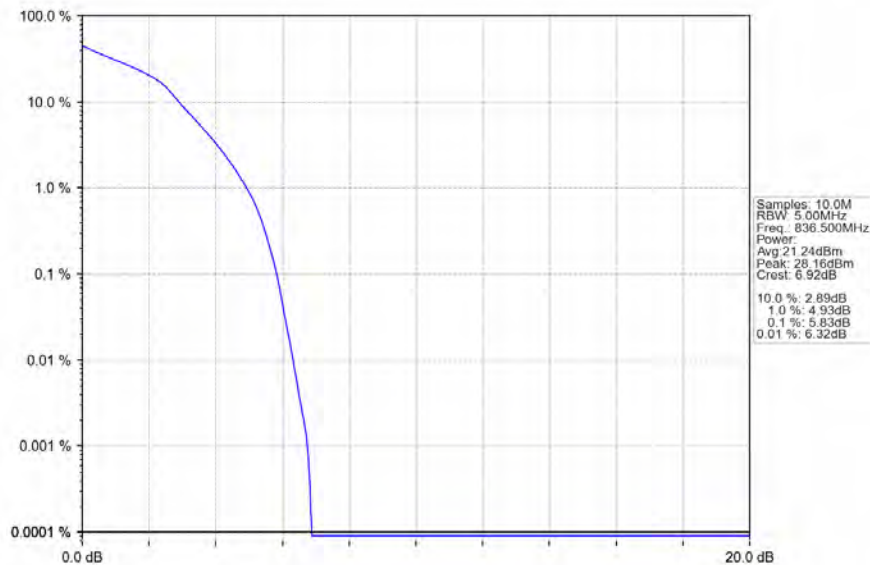
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Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



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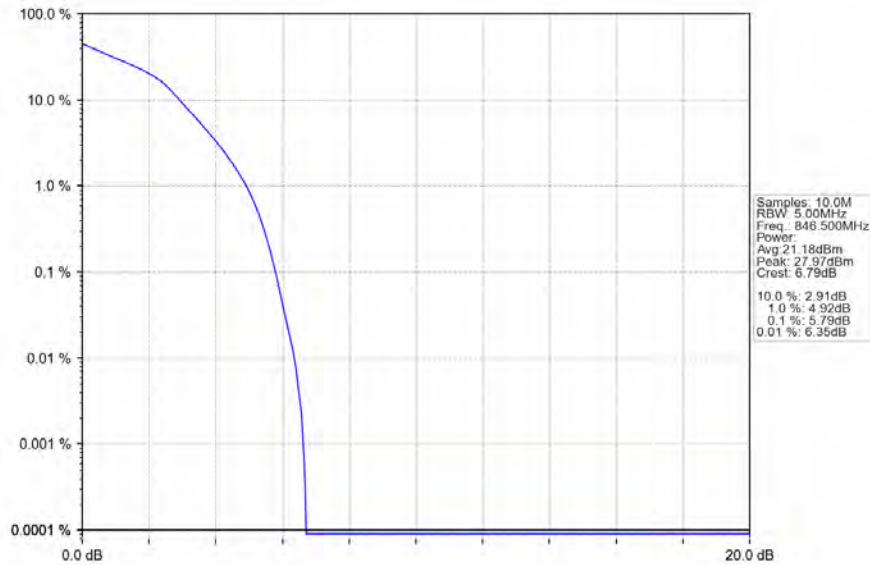


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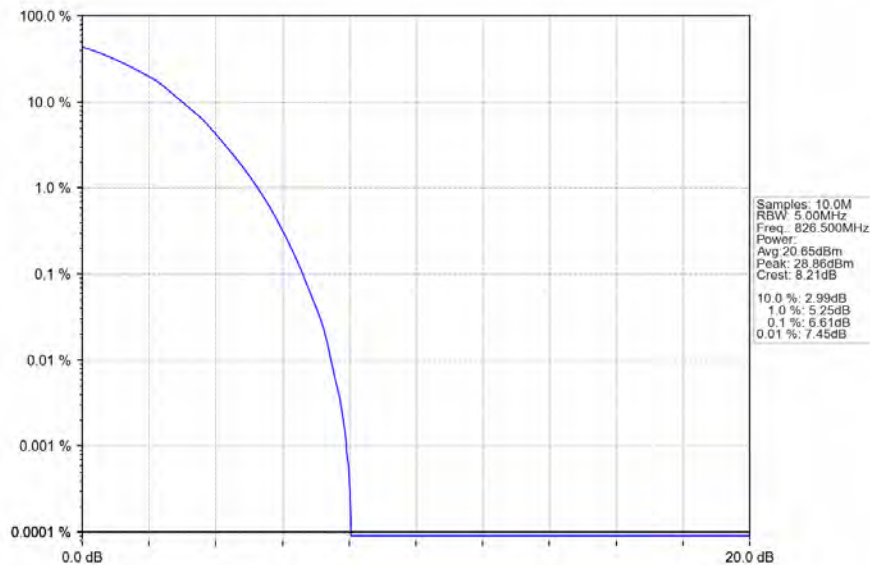
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Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



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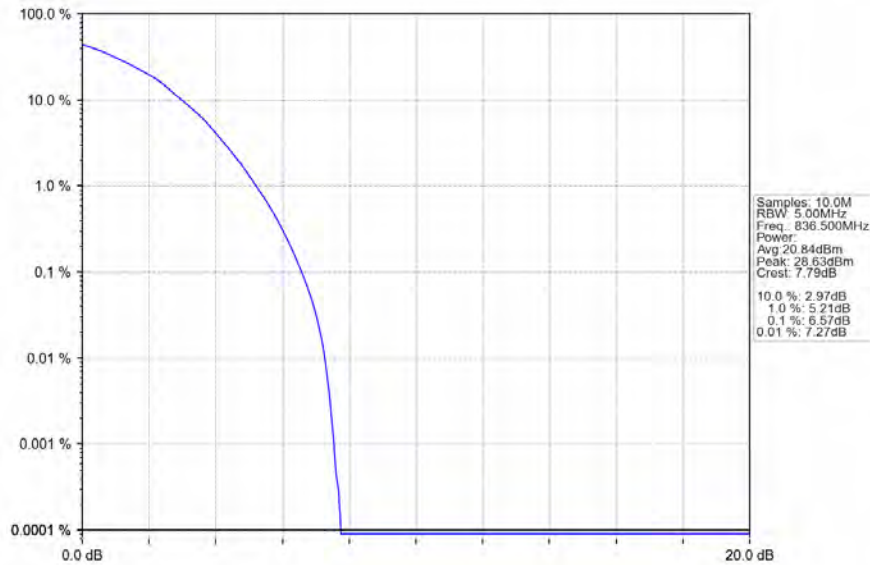


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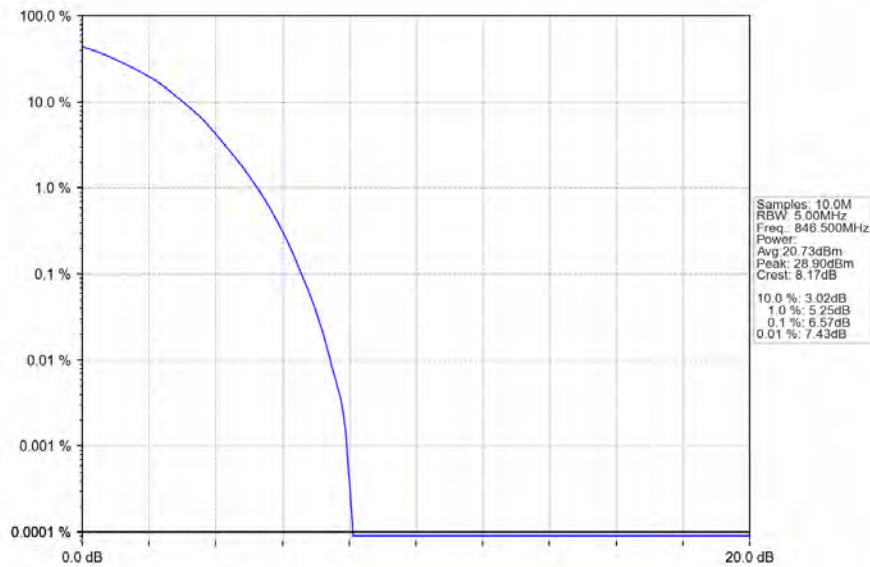
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Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



Band5_5MHz_256QAM_LCH_826.5MHz_RB_25_0_NTNV



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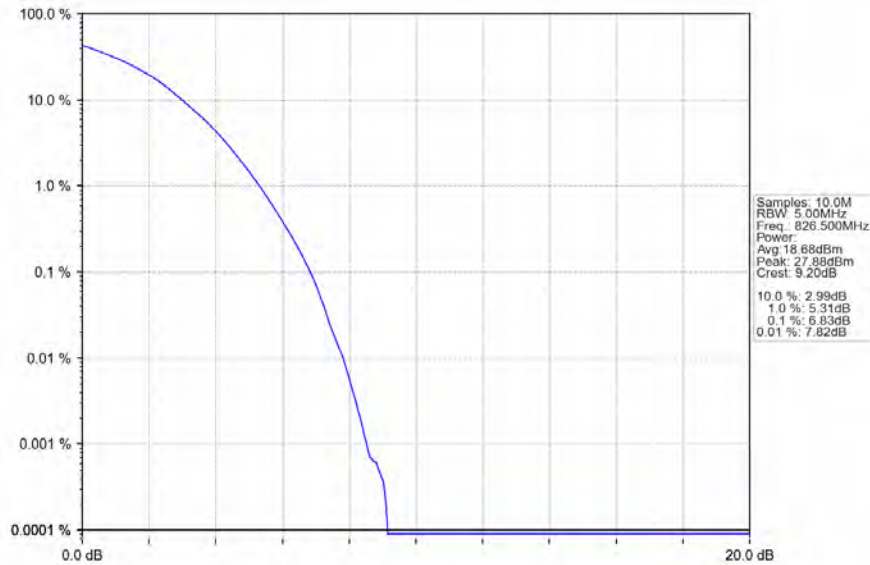


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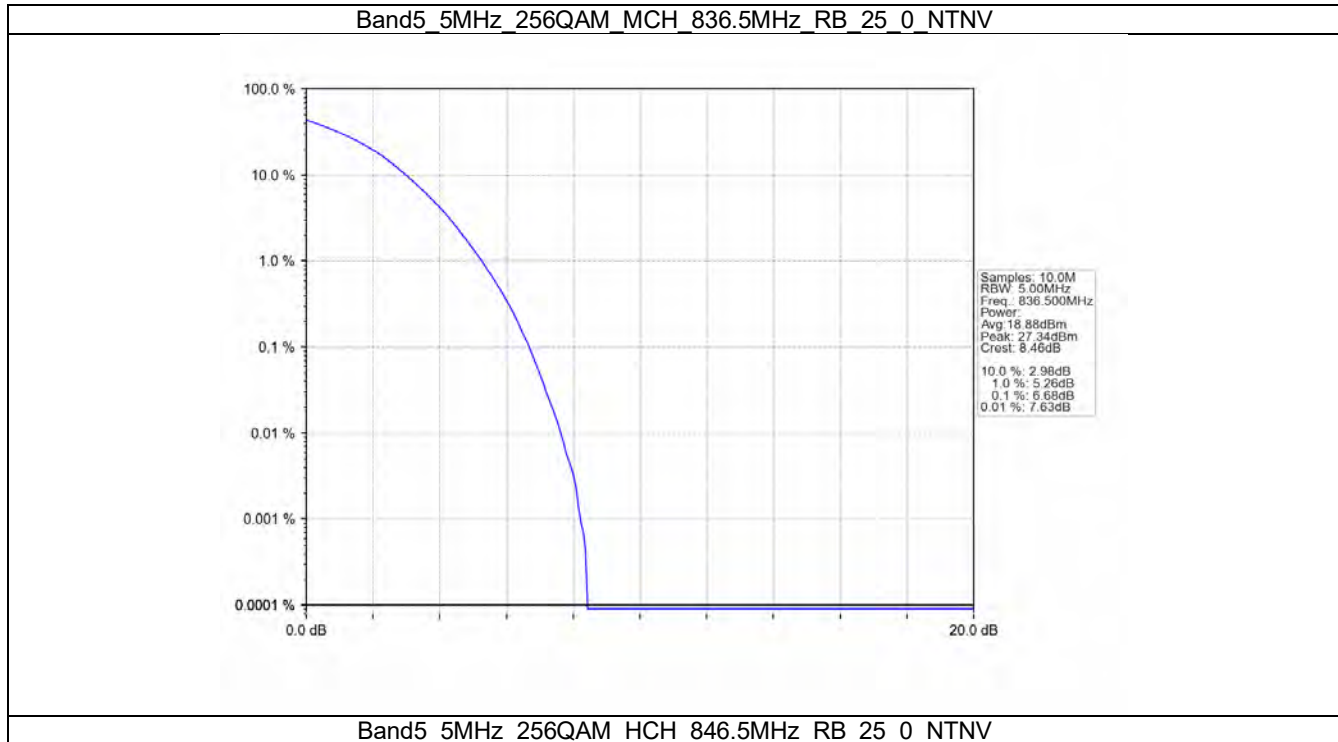


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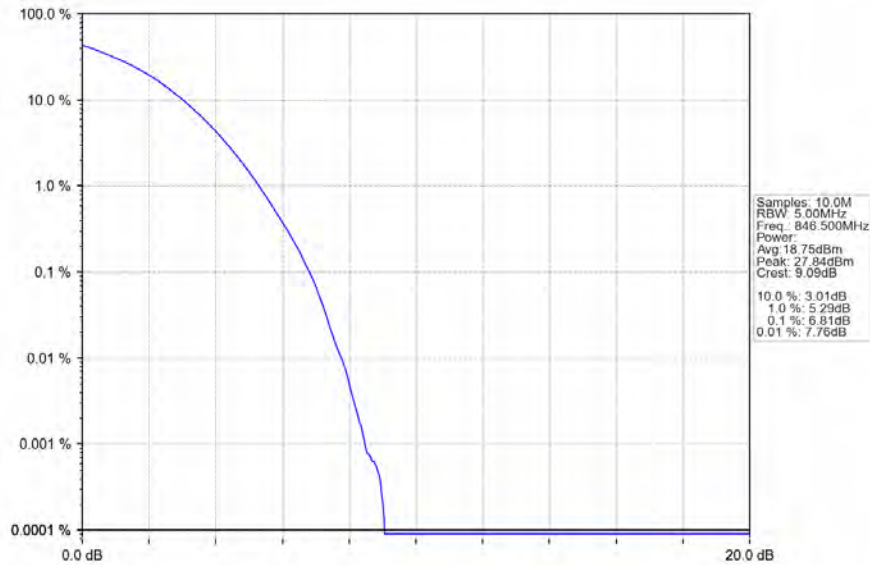


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4.4 B5_10MHz

4.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.13	<=13	Pass
	836.5	50	0	4.96	<=13	Pass
	844	50	0	5.17	<=13	Pass
16QAM	829	50	0	5.93	<=13	Pass
	836.5	50	0	5.80	<=13	Pass
	844	50	0	5.95	<=13	Pass
64QAM	829	50	0	6.66	<=13	Pass
	836.5	50	0	6.47	<=13	Pass
	844	50	0	6.61	<=13	Pass
256QAM	829	50	0	6.74	<=13	Pass
	836.5	50	0	6.65	<=13	Pass
	844	50	0	6.74	<=13	Pass



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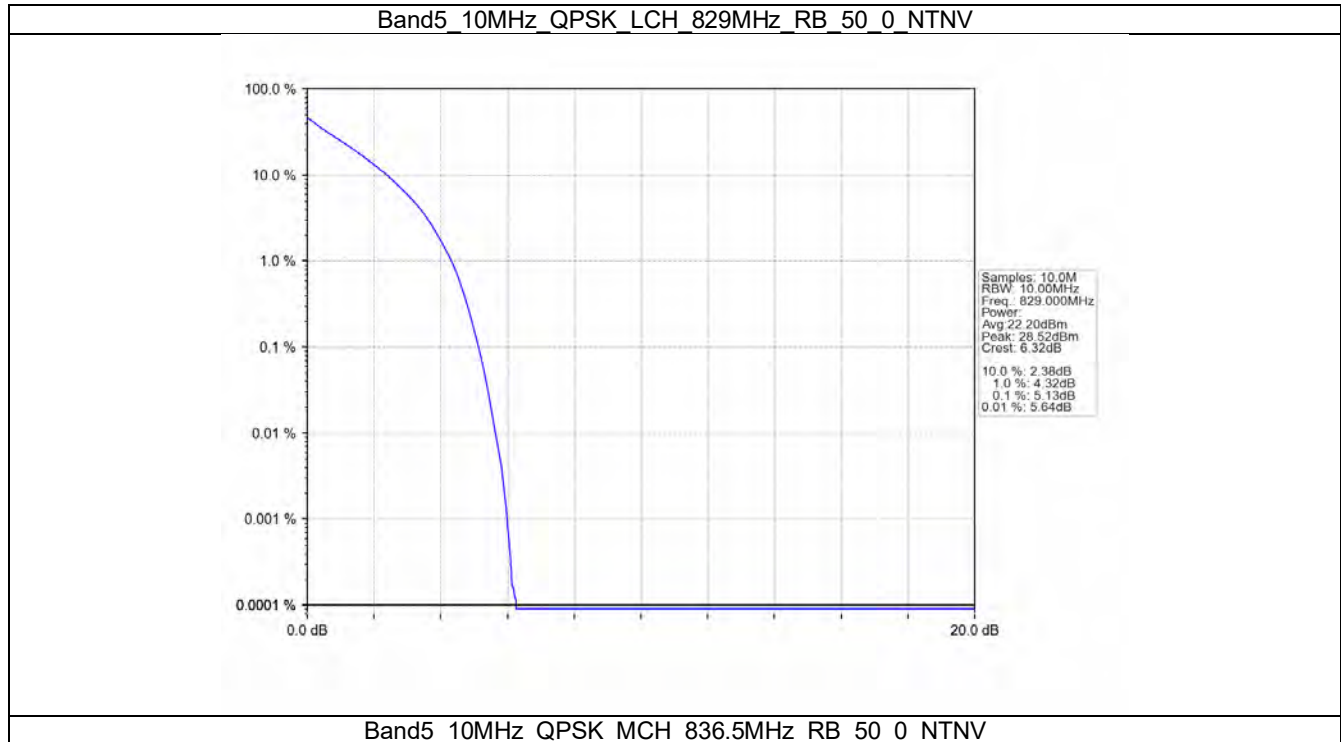
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4.4.2 Test Graph



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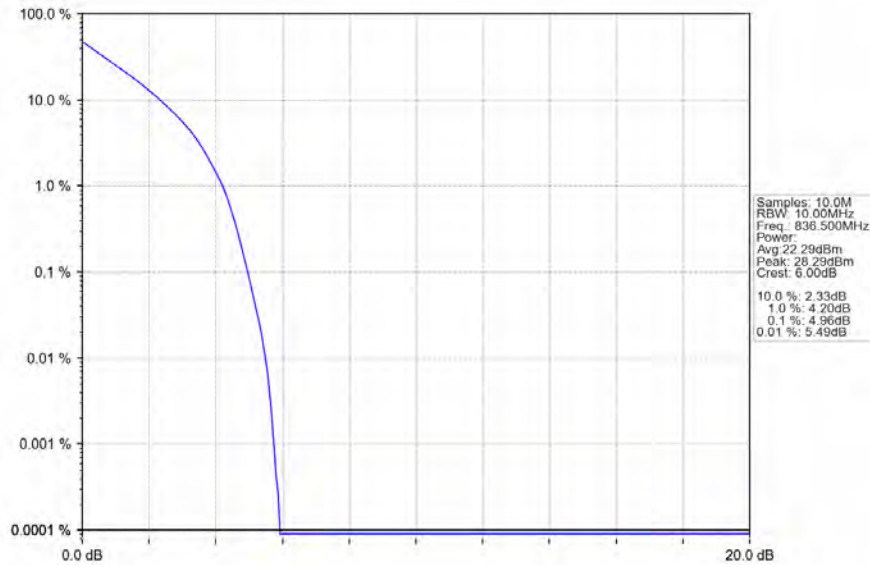


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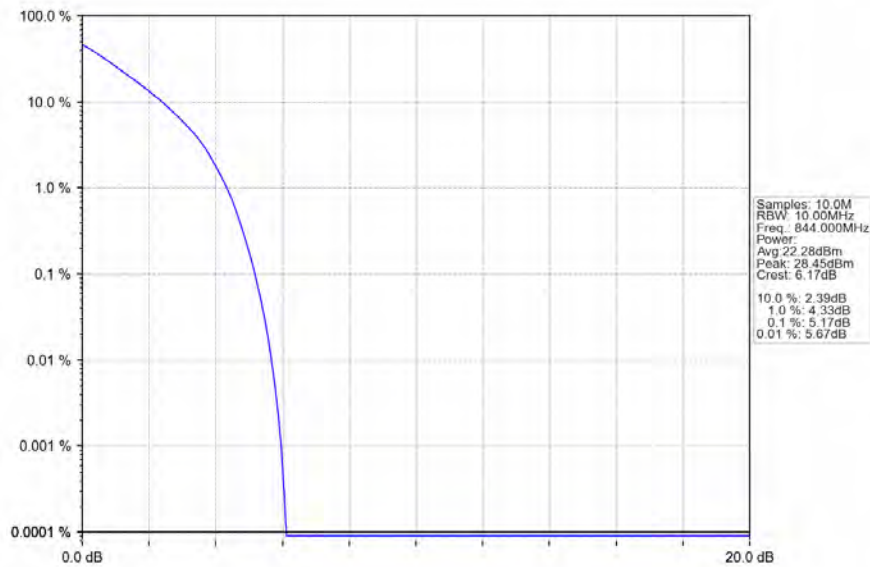
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Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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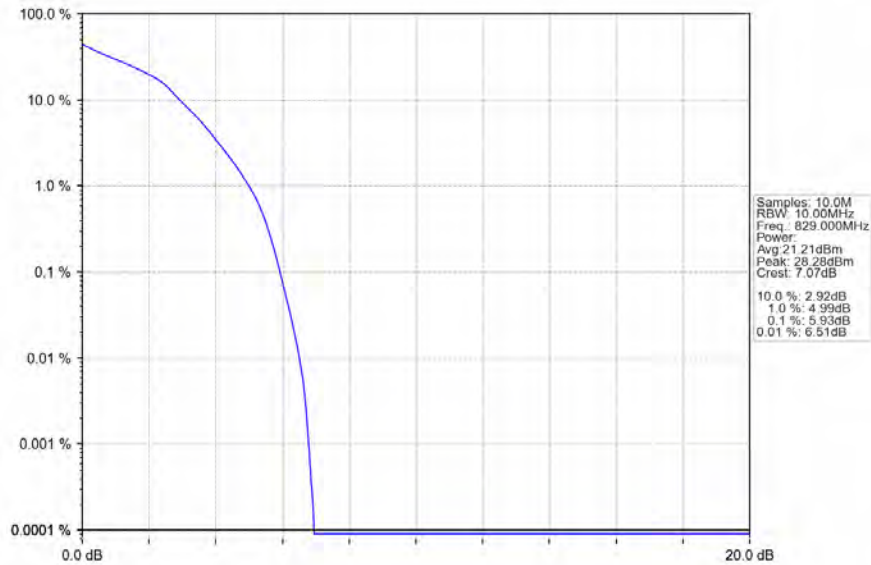


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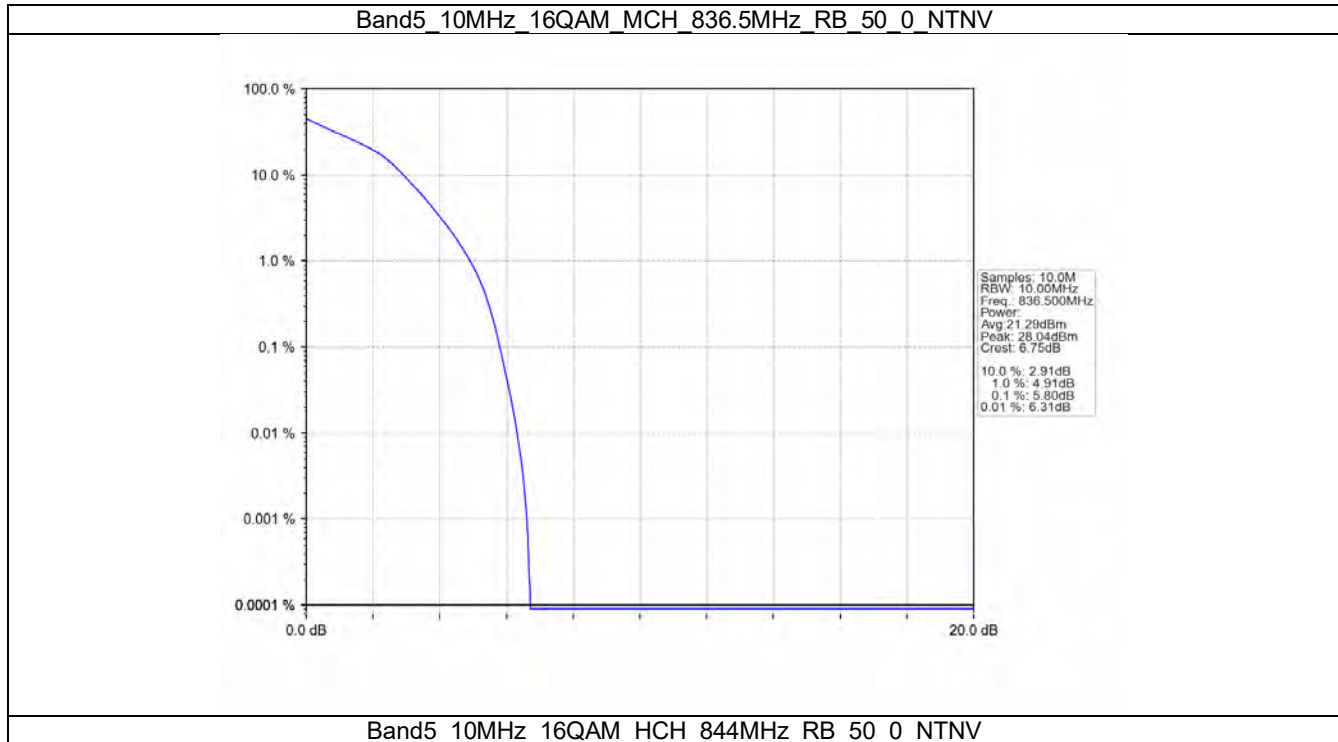


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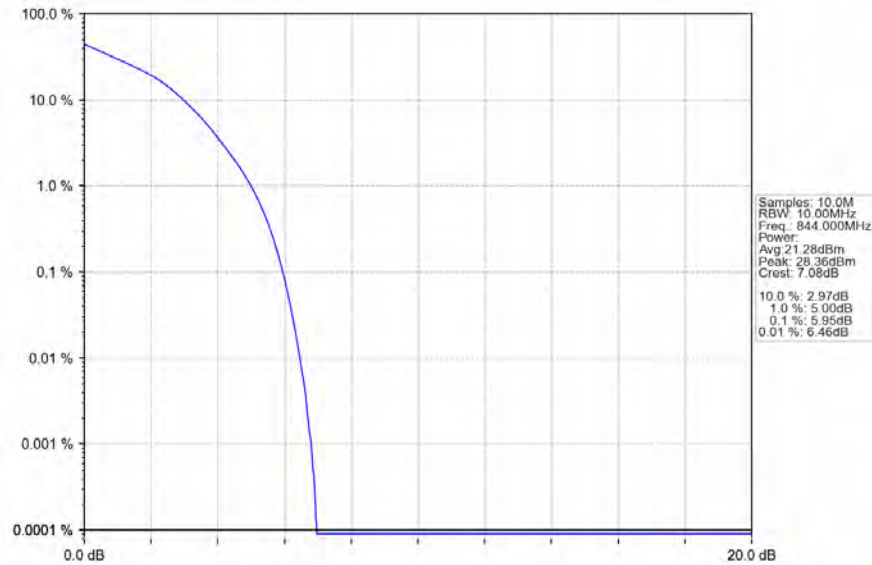


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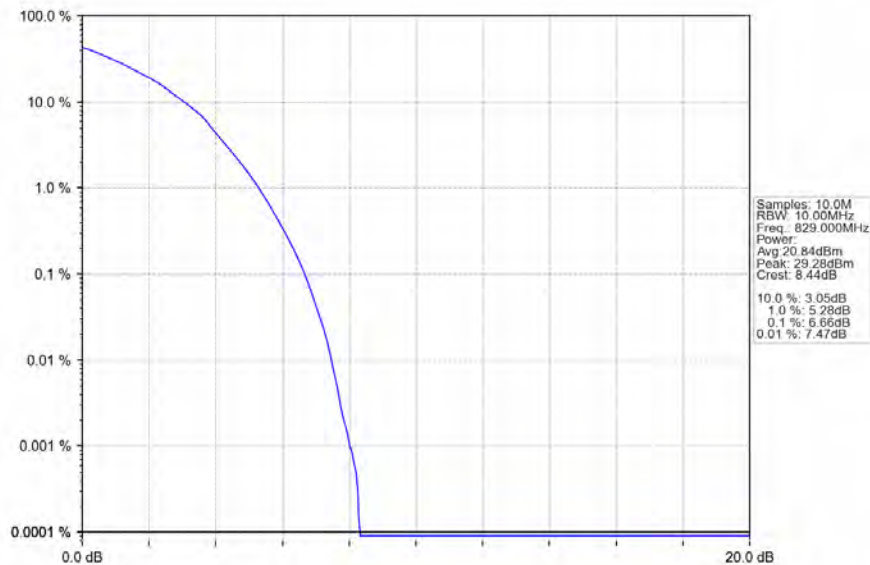
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Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



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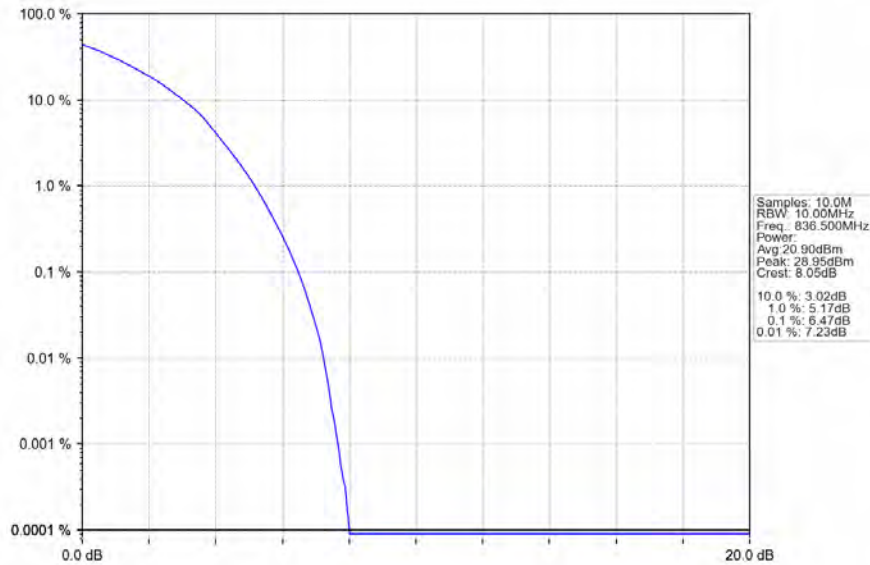


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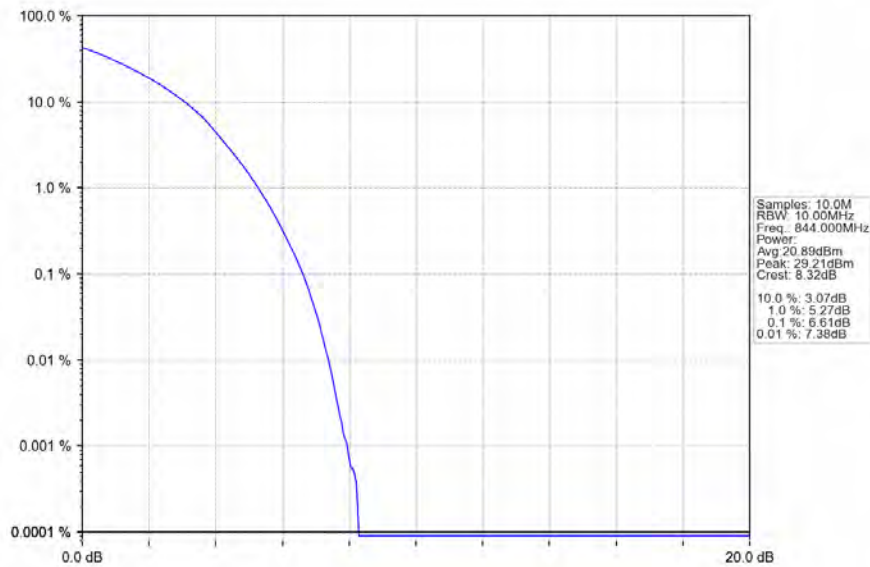
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Band5_10MHz_256QAM_LCH_829MHz_RB_50_0_NTNV



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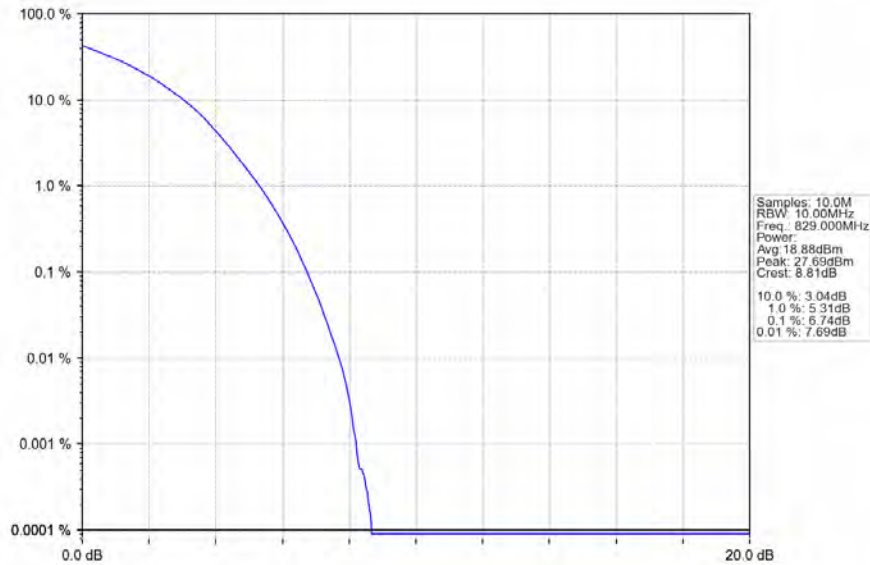


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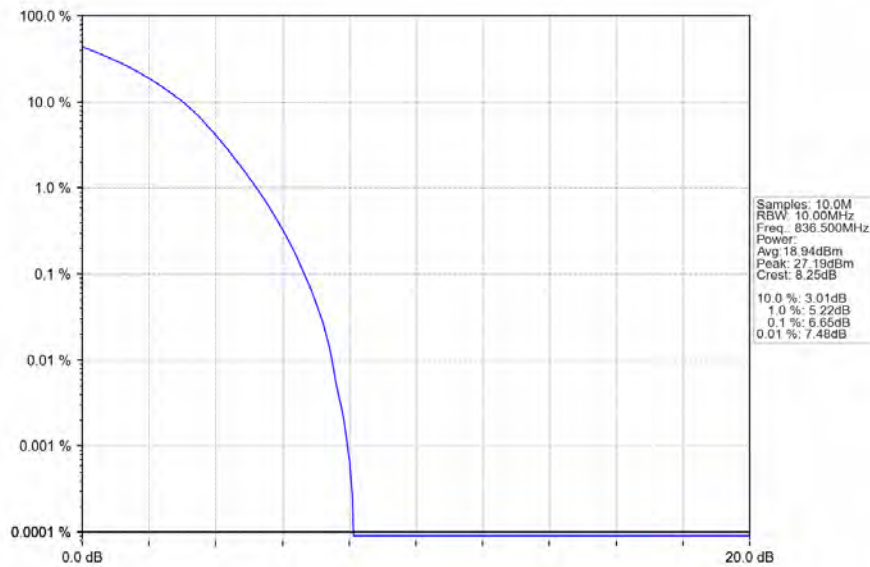
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Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_HCH_844MHz_RB_50_0_NTNV



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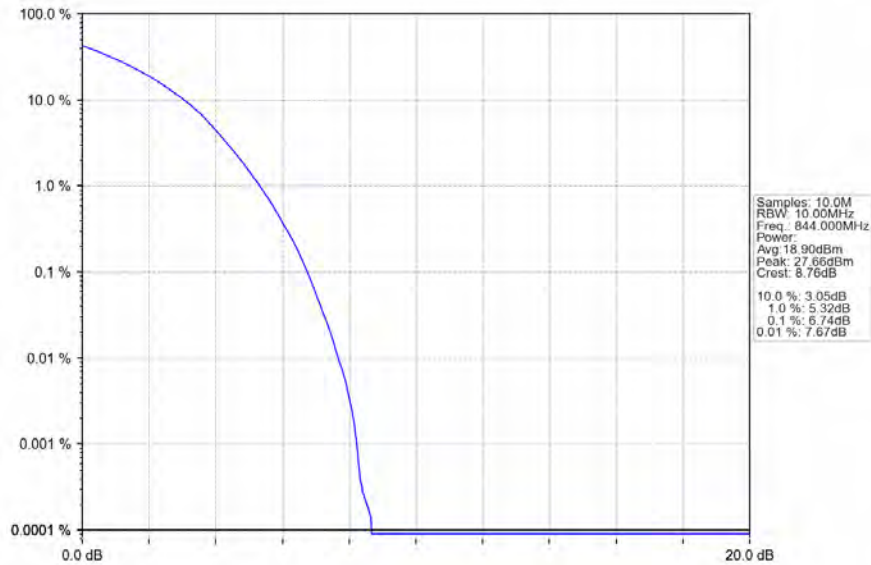


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5. Spurious Emission & Band Edges

5.1 B5_1.4MHz

5.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
64QAM	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
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
256QAM	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
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass



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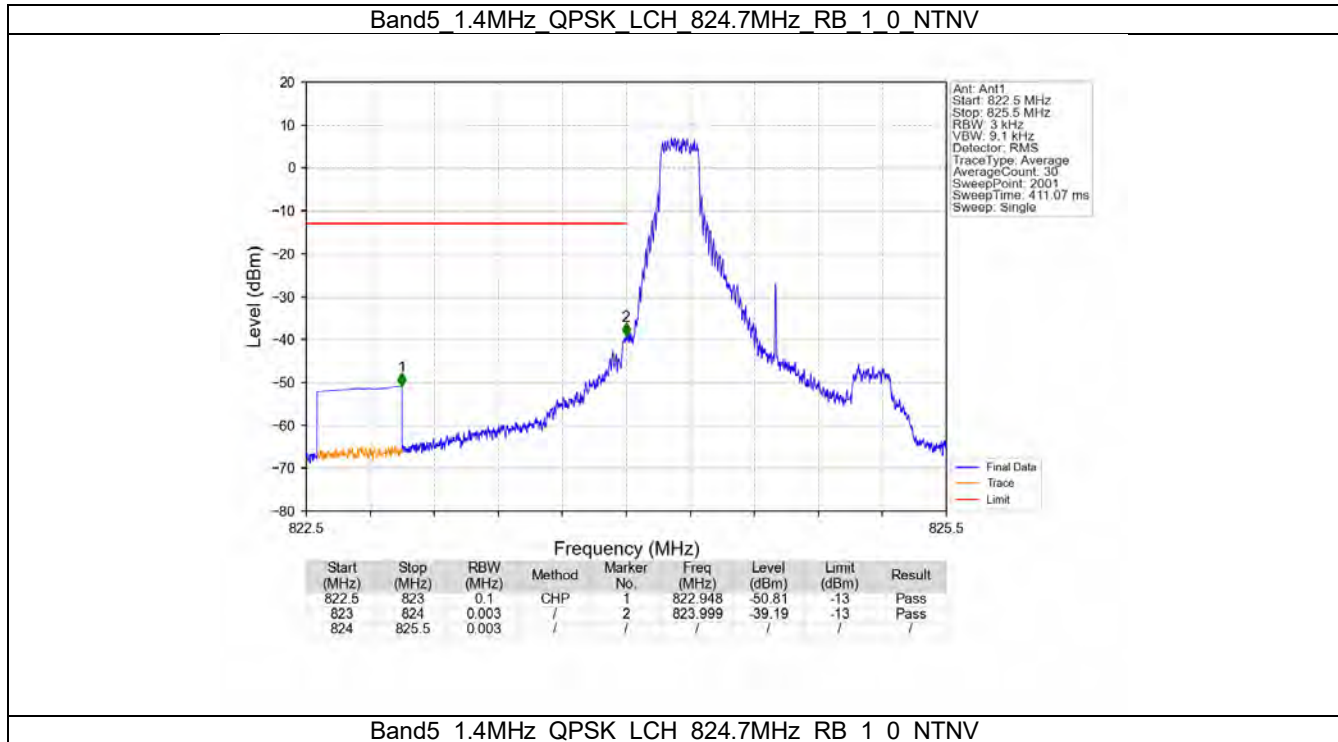
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5.1.2 Test Graph



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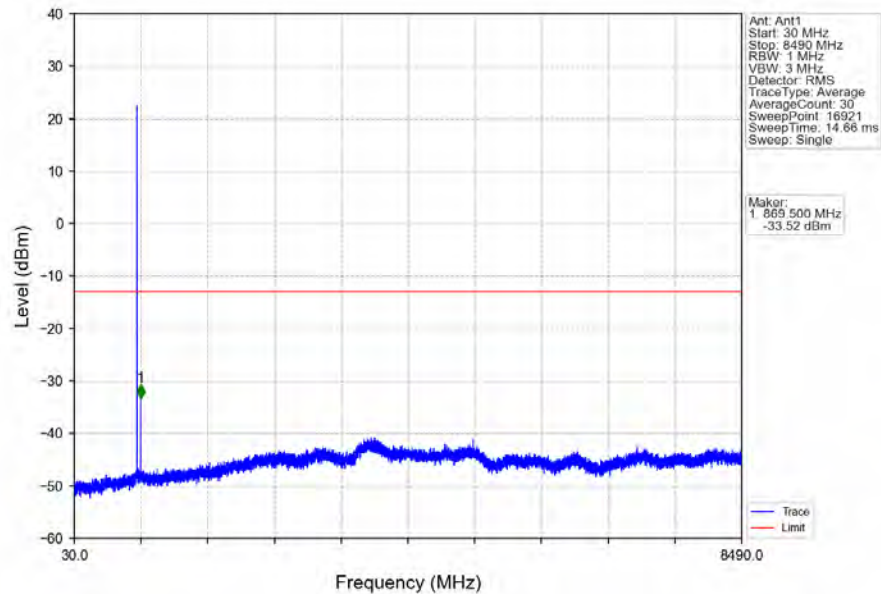


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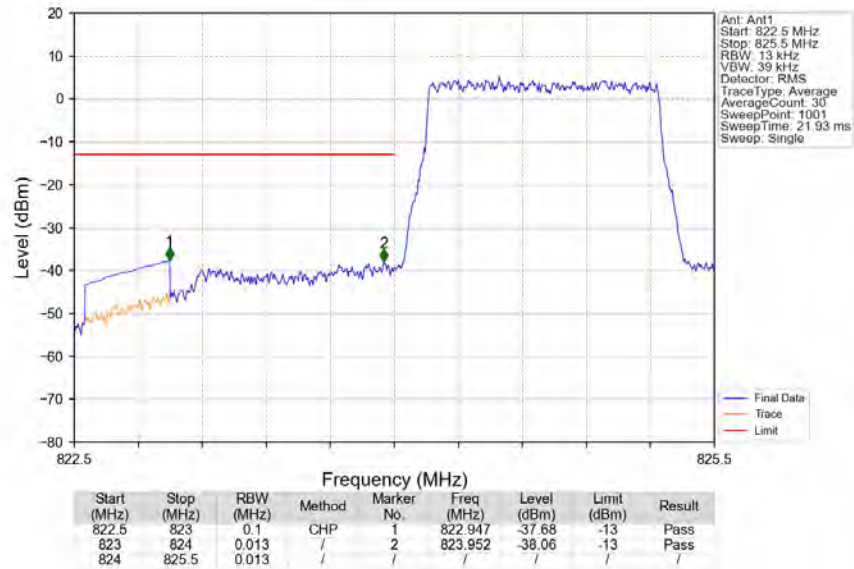
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Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTN



Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTN



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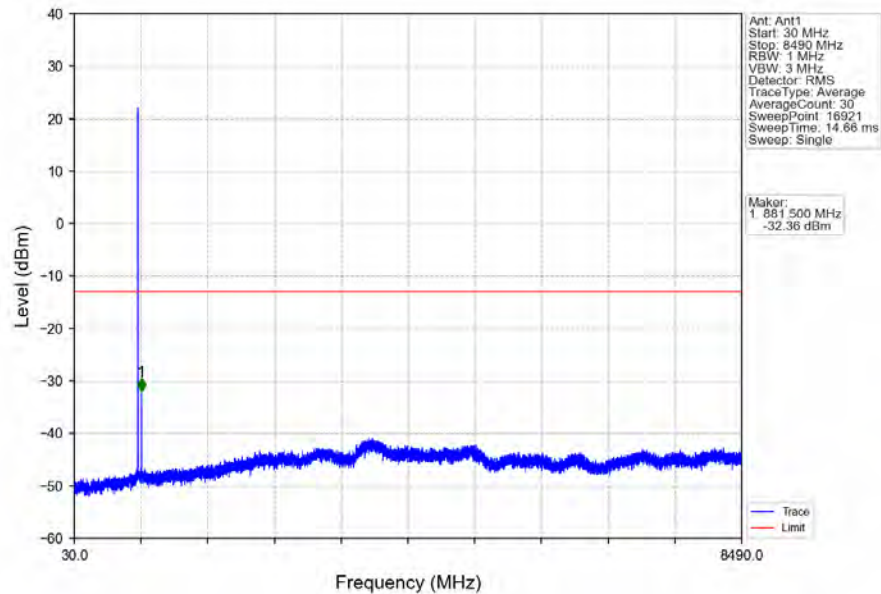


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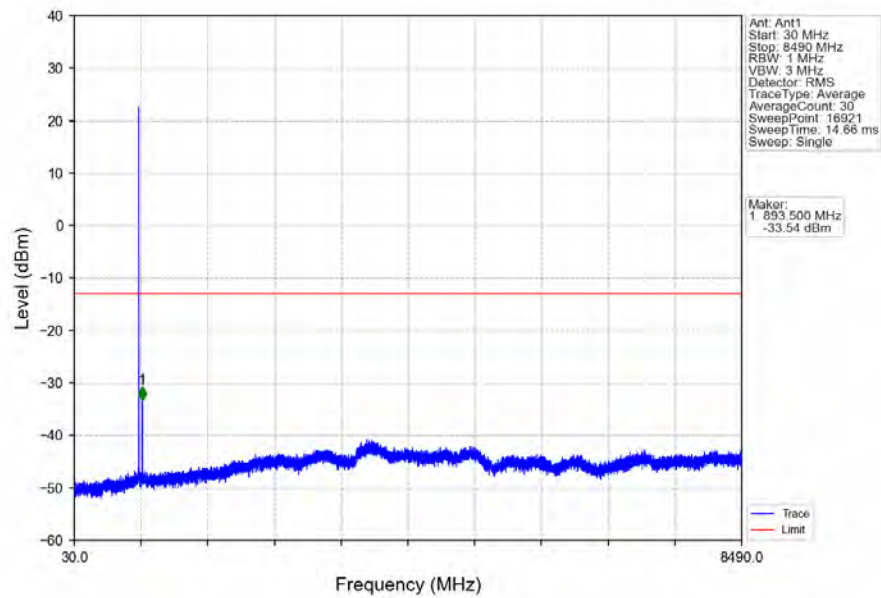
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Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



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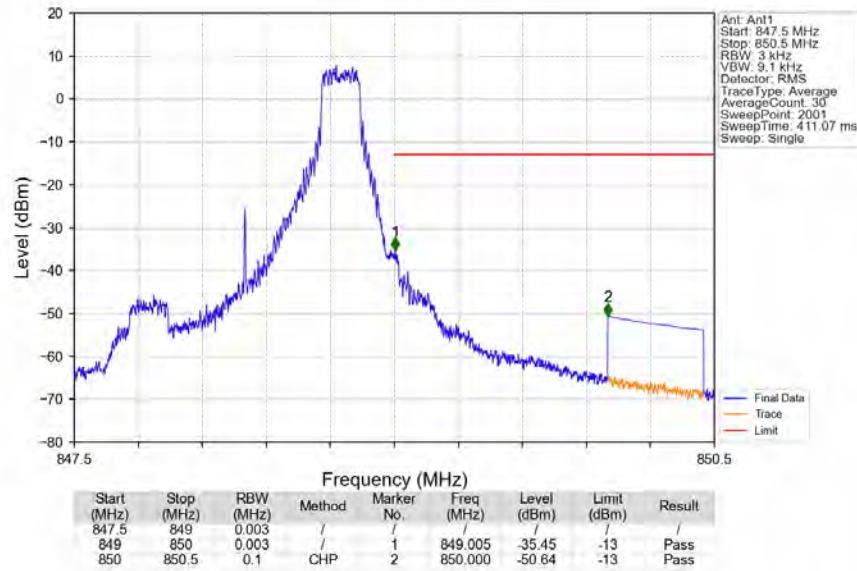


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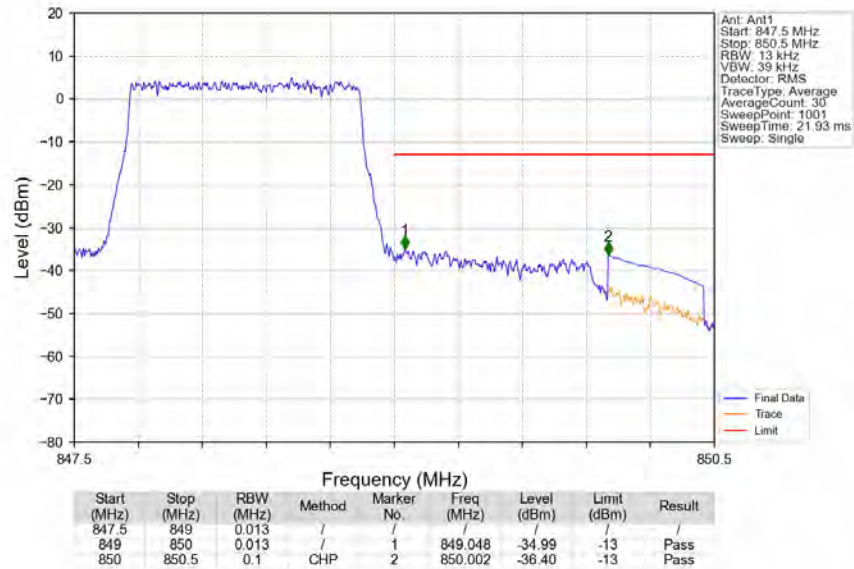
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Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



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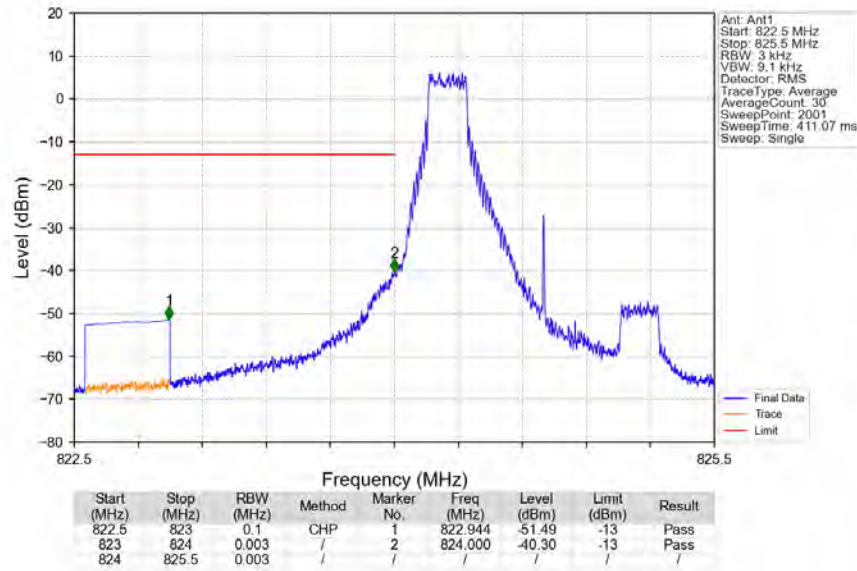


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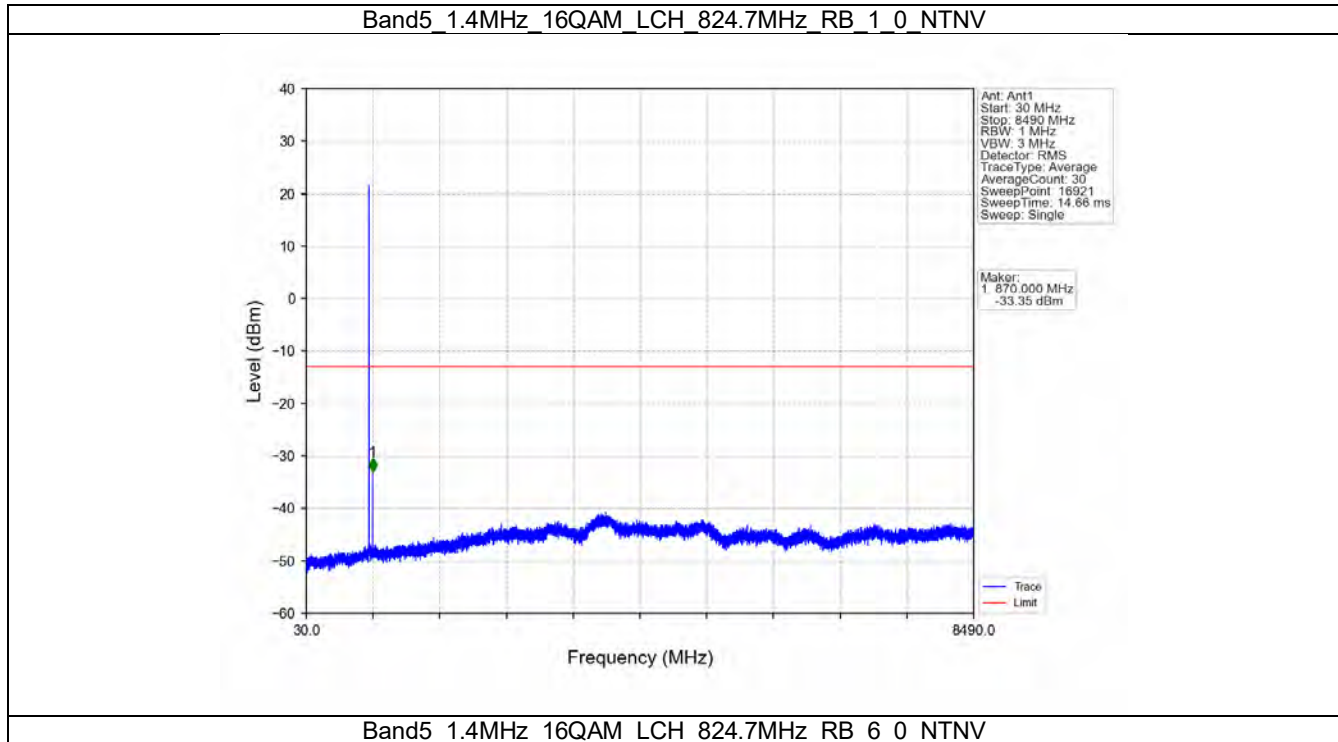


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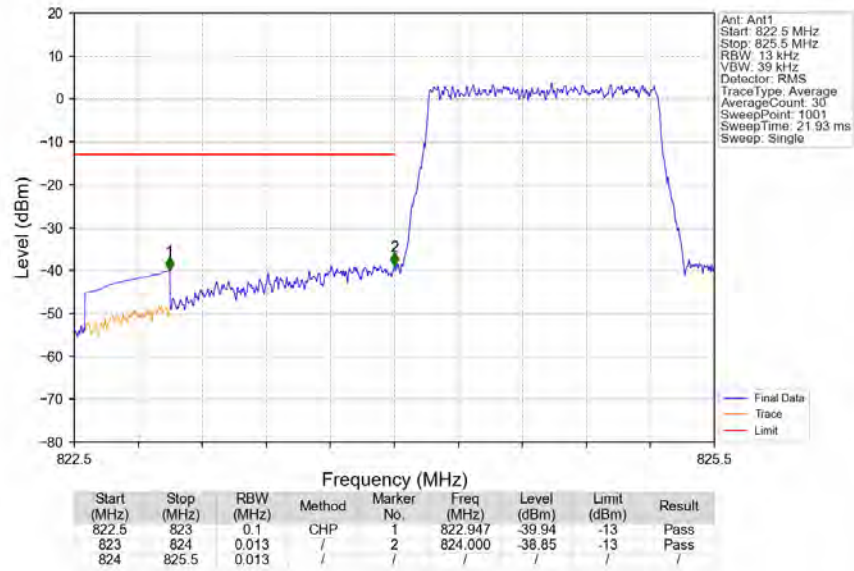


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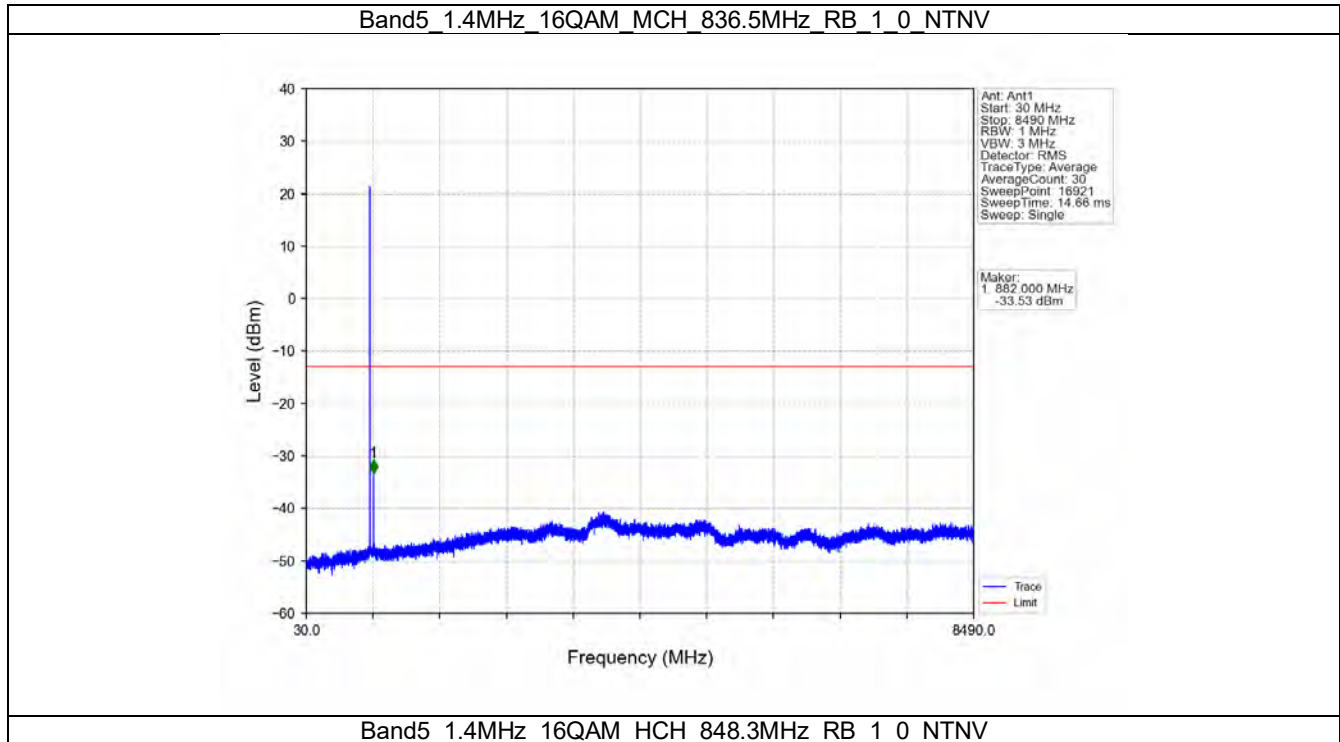


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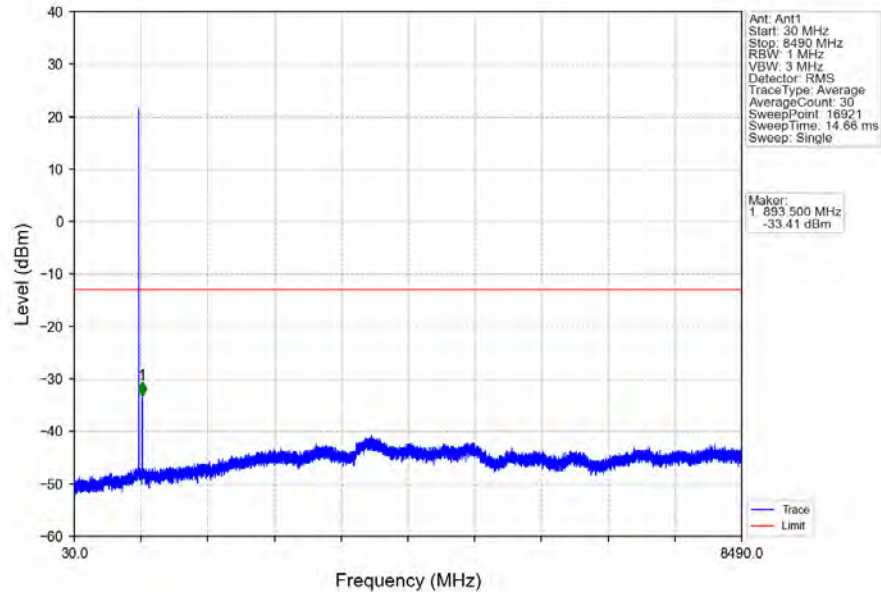


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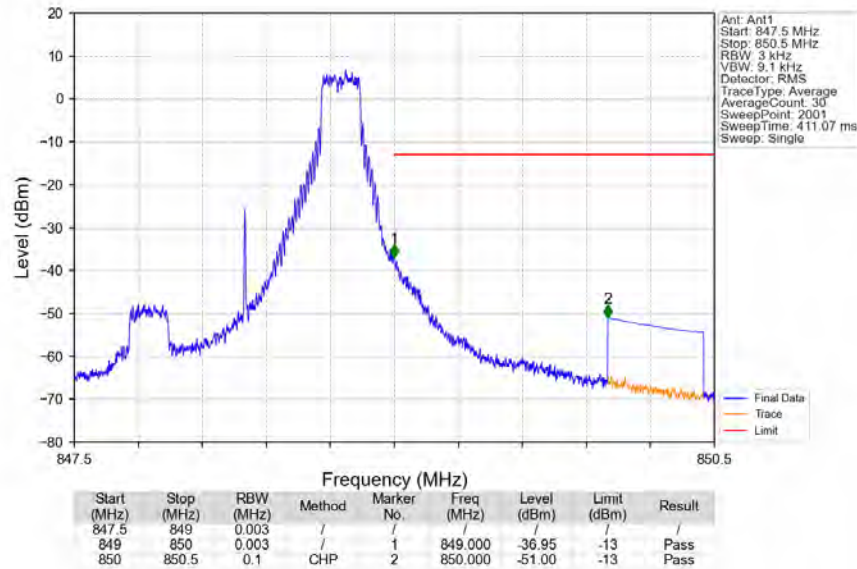
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Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



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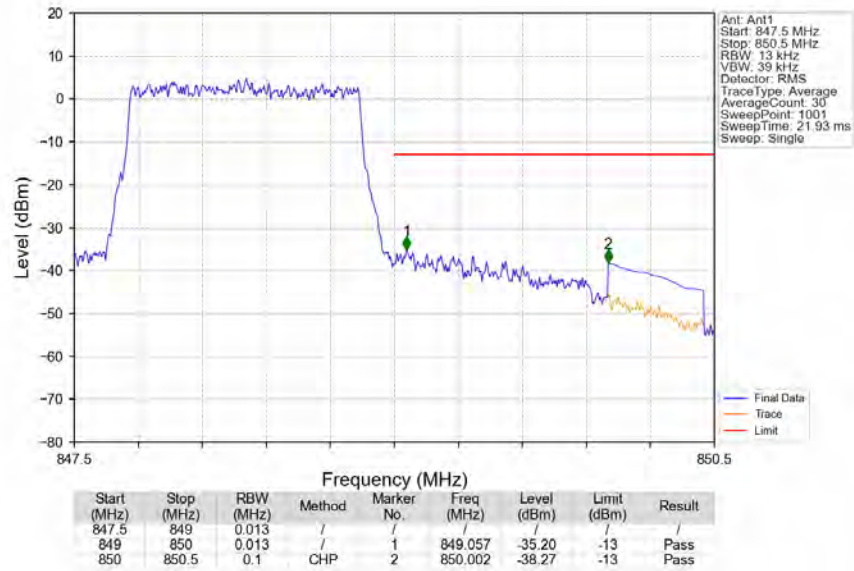


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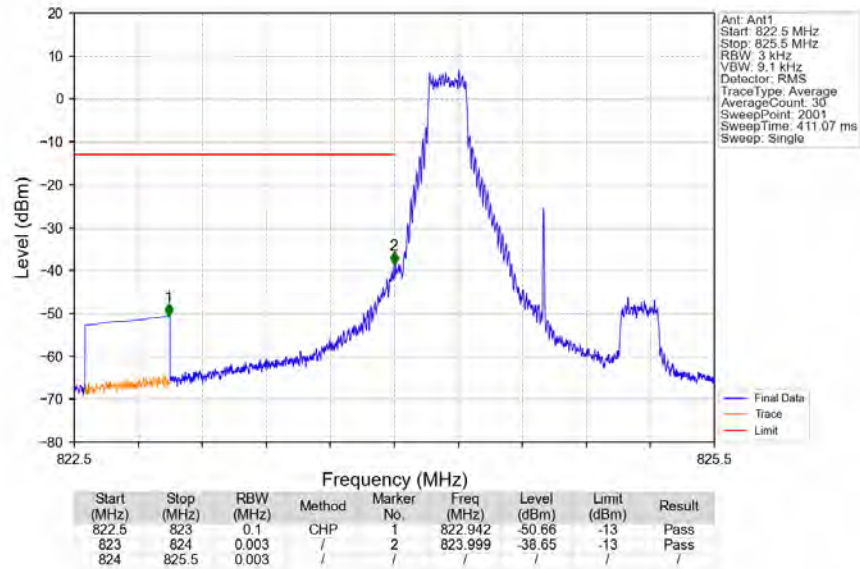
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Band5 1.4MHz 64QAM LCH 824.7MHz_RB_1_0_NTNV



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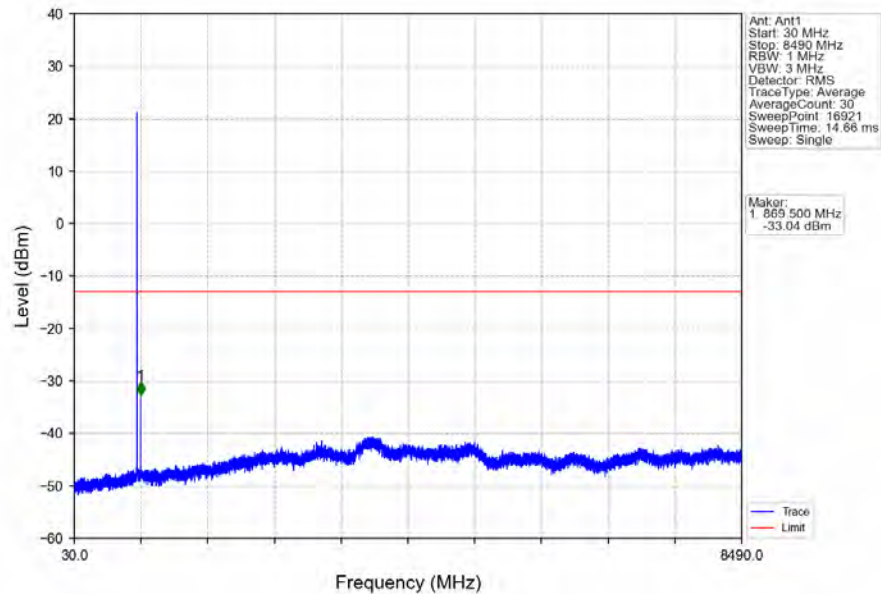


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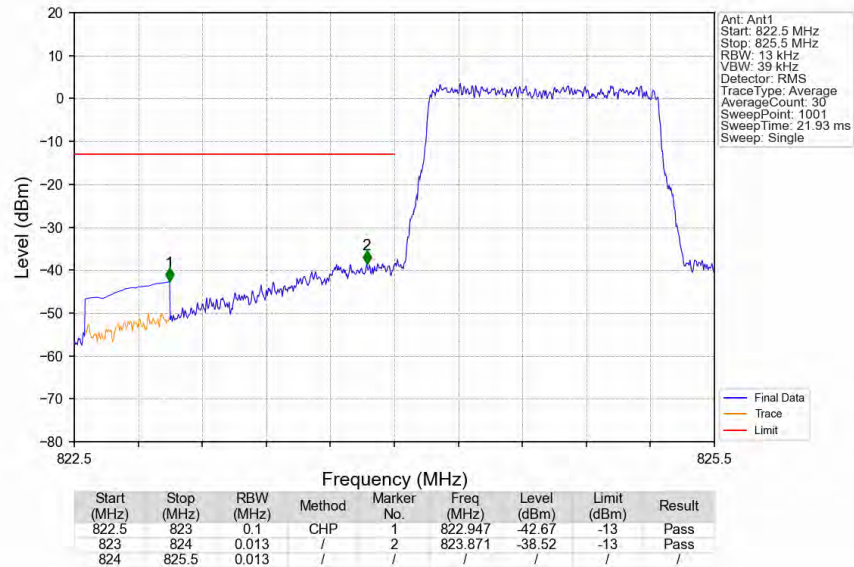
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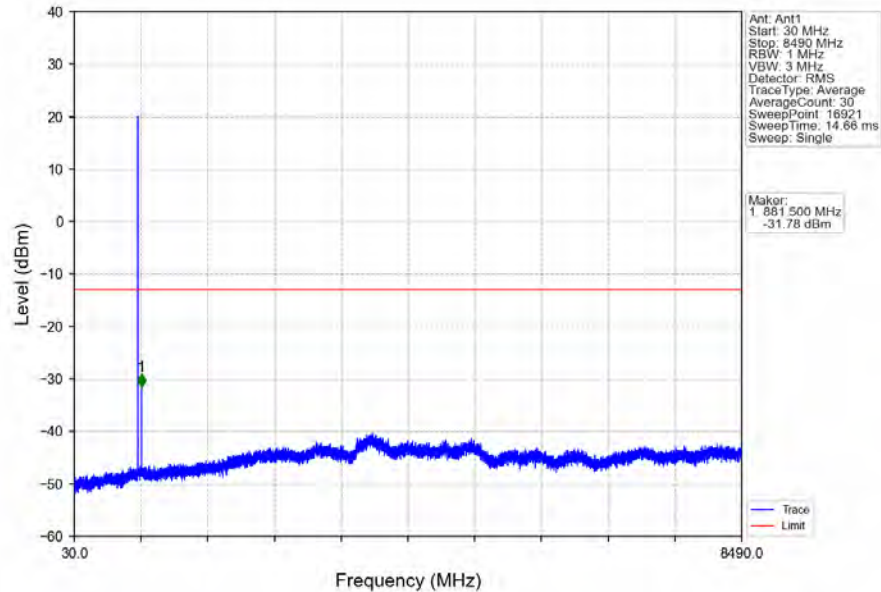


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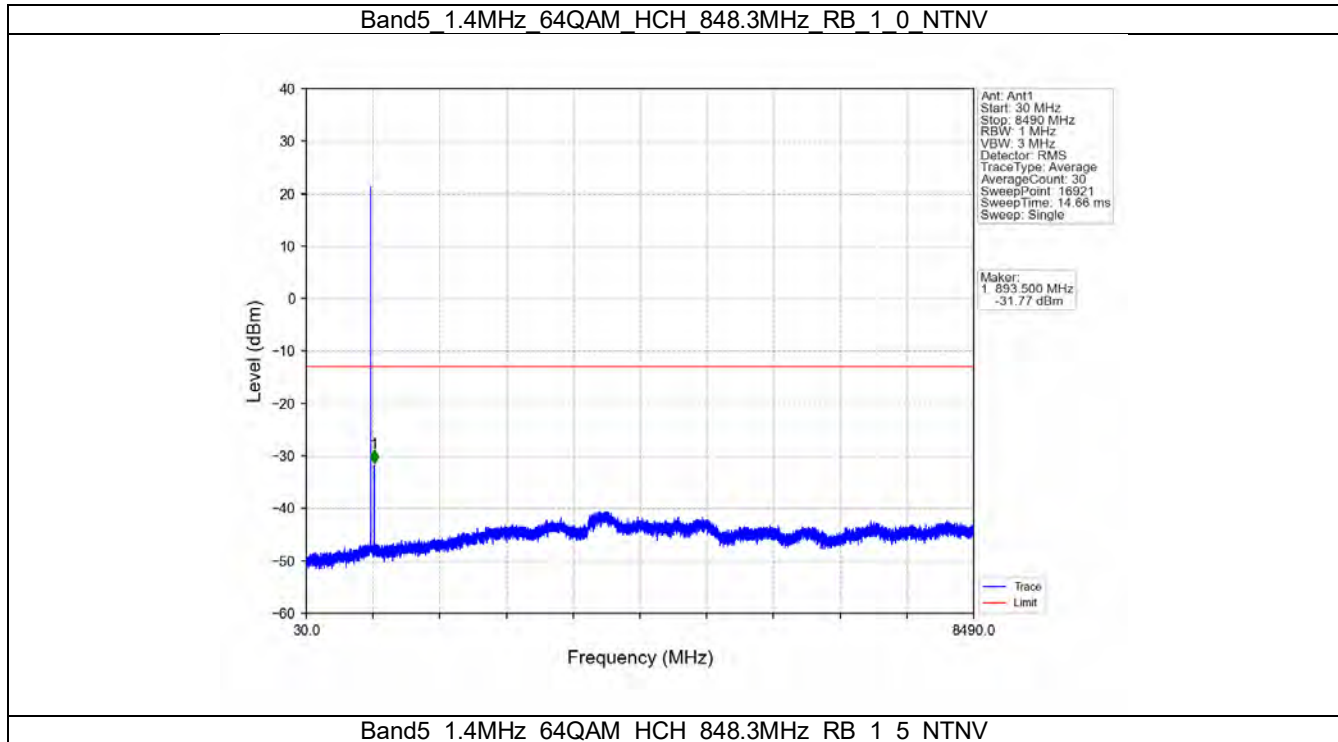


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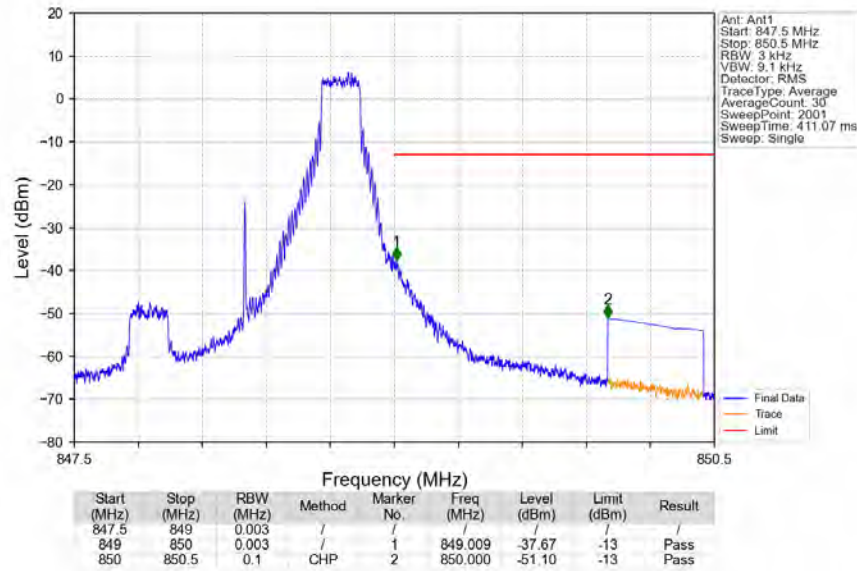


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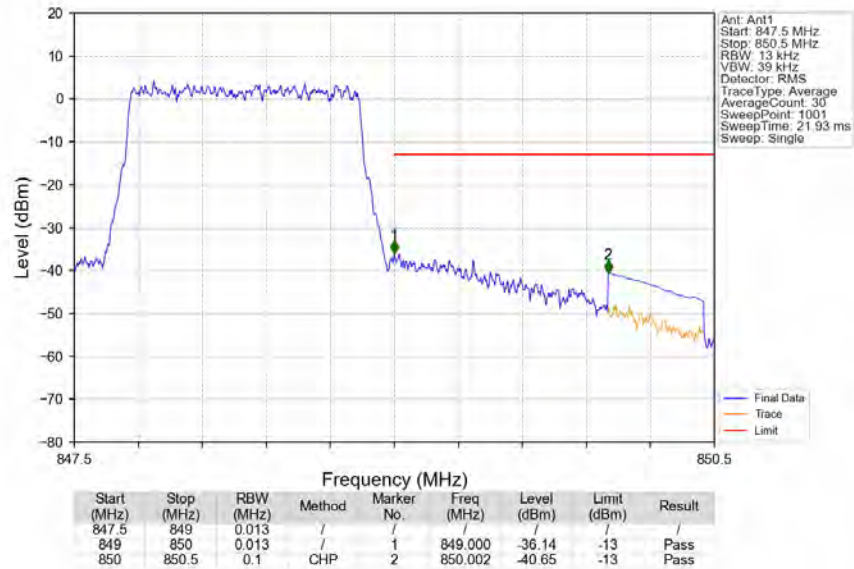
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Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_256QAM_LCH_824.7MHz_RB_1_0_NTNV



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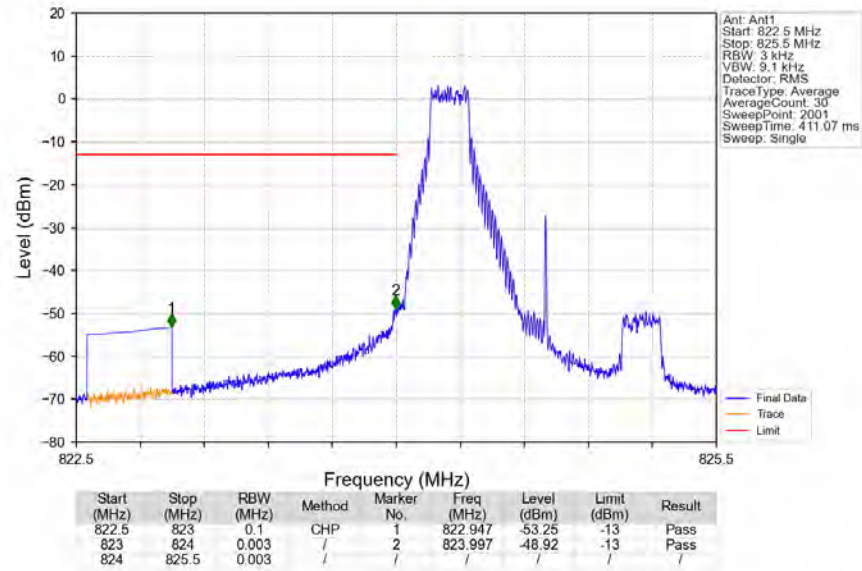


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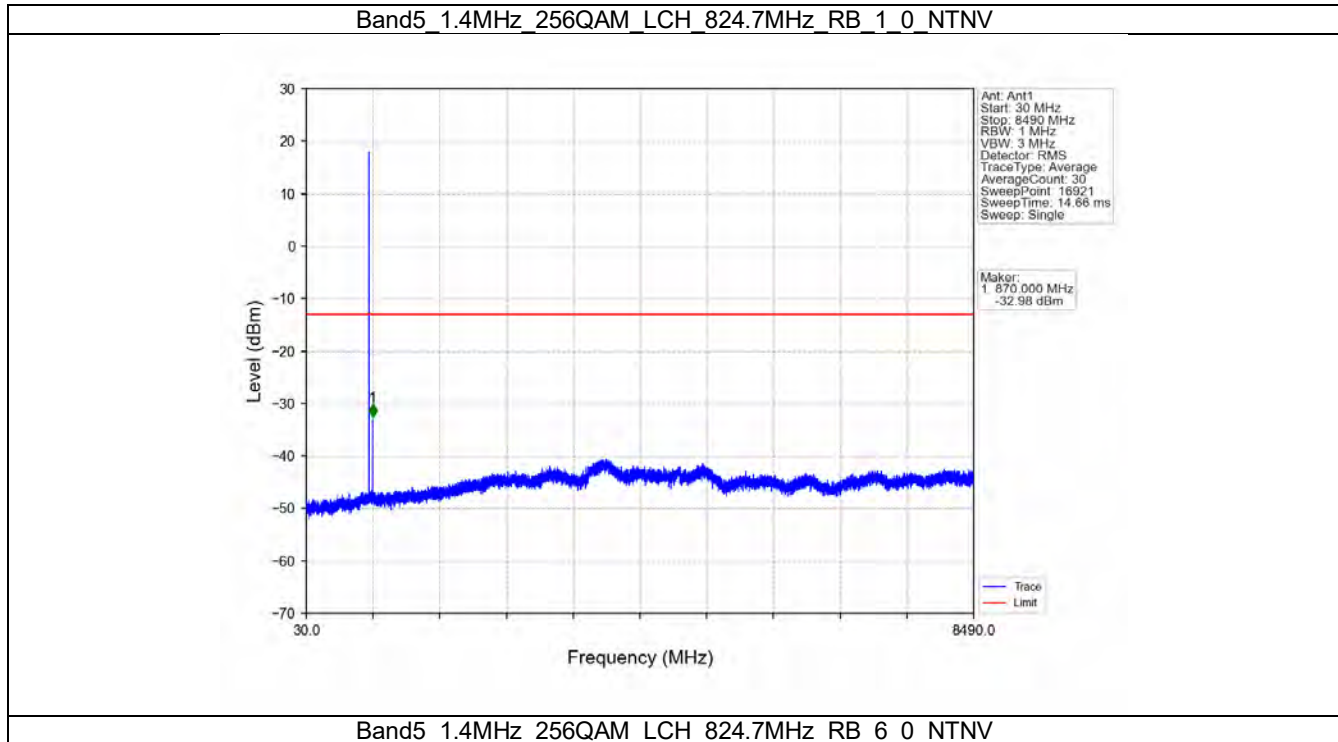


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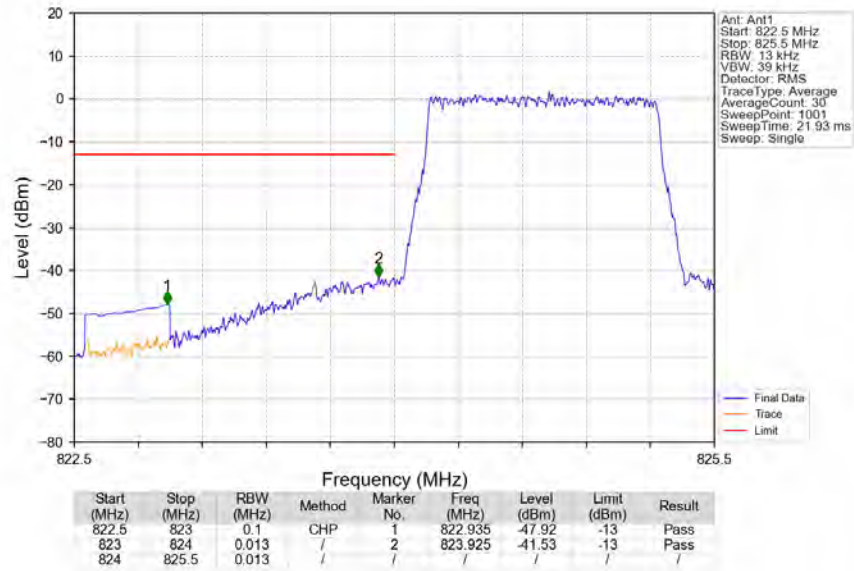


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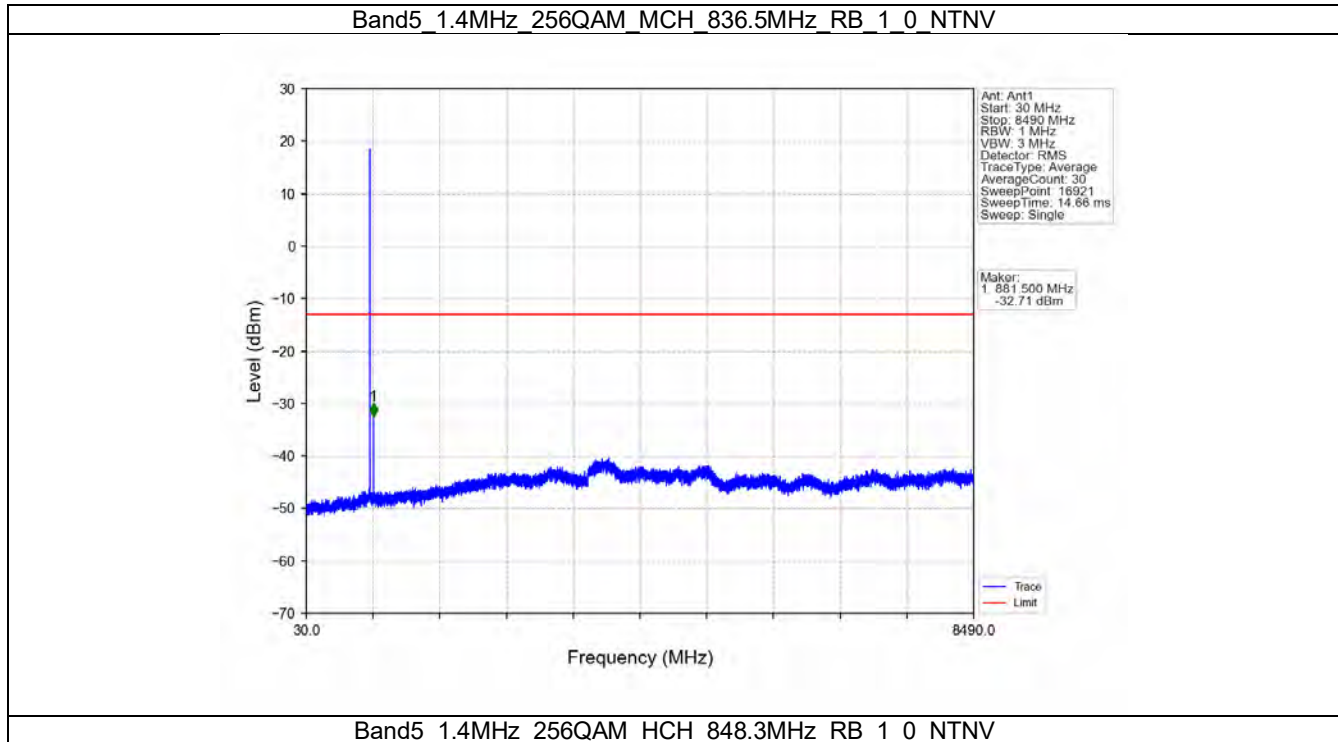


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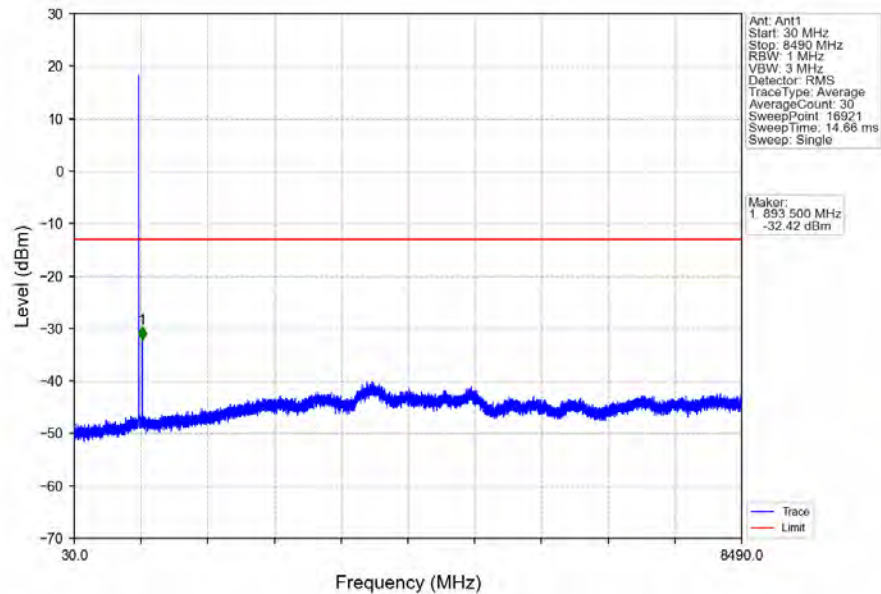


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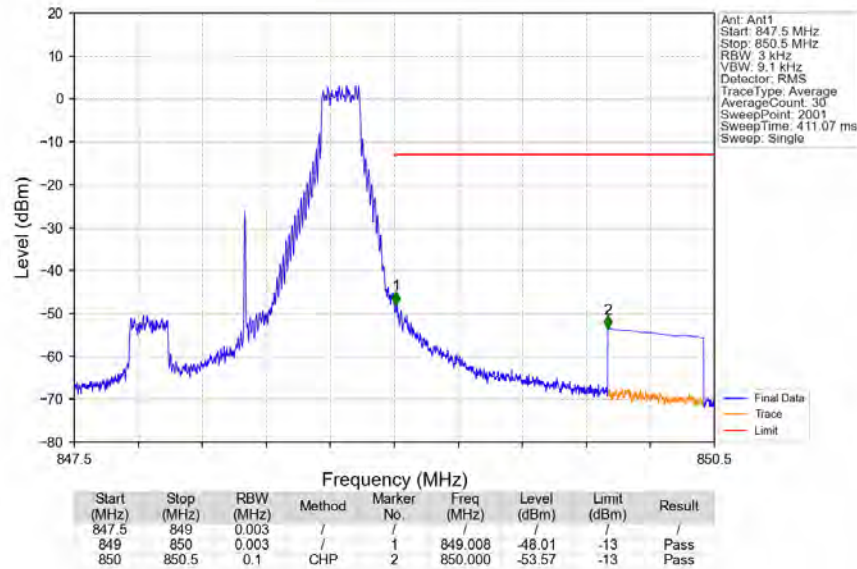
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Band5_1.4MHz_256QAM_HCH_848.3MHz_RB_1_5_NTNV



Band5_1.4MHz_256QAM_HCH_848.3MHz_RB_6_0_NTNV



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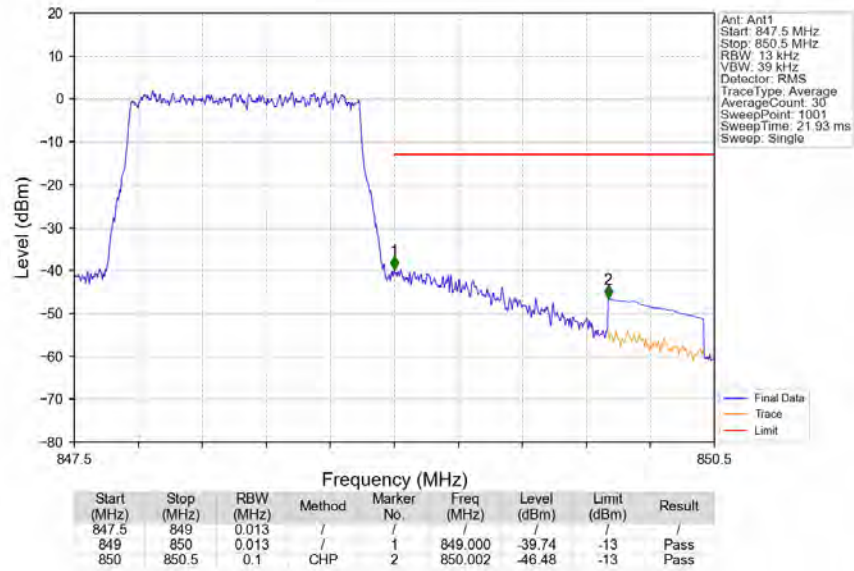


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5.2 B5_3MHz

5.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	825.5	1	0	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	847.5	1	14	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
16QAM	825.5	1	0	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	847.5	1	14	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
64QAM	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
		1	0	Refer To Test Graph	Pass
	847.5	1	14	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
256QAM	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
		1	0	Refer To Test Graph	Pass
	847.5	1	14	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass



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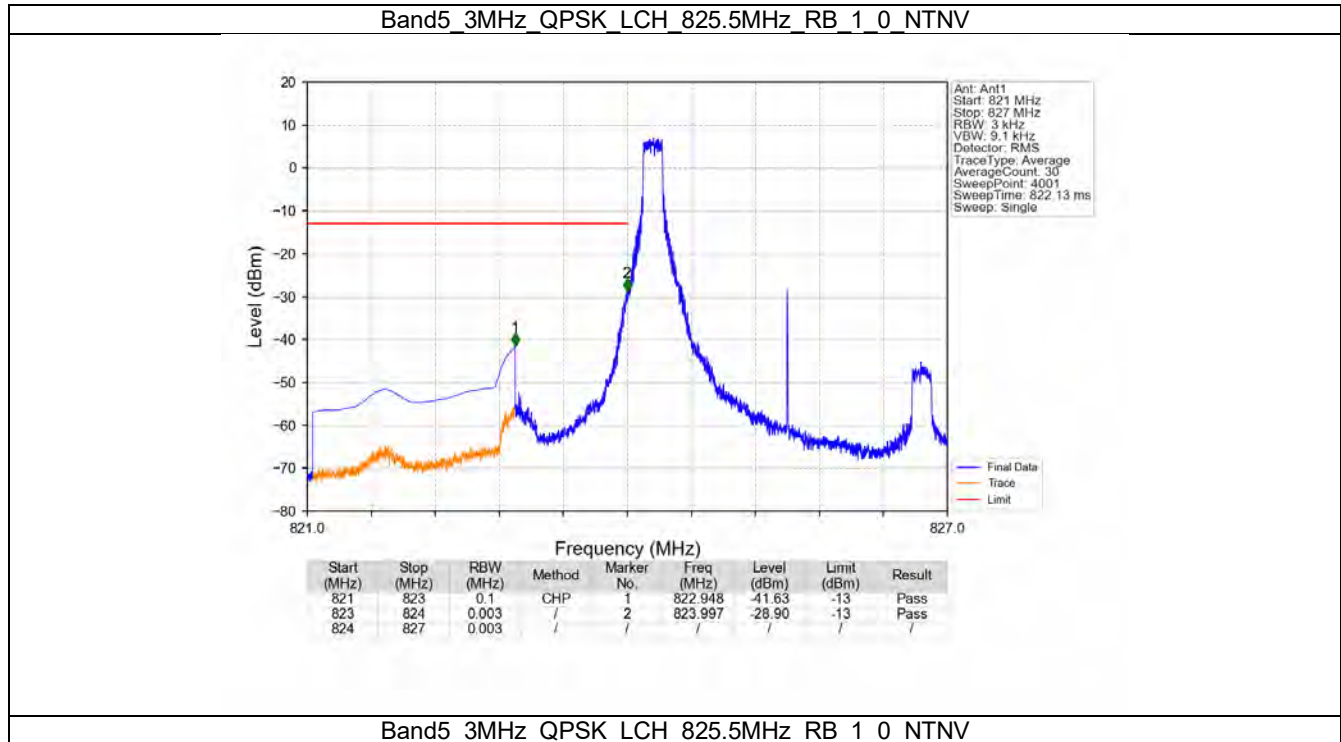
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5.2.2 Test Graph



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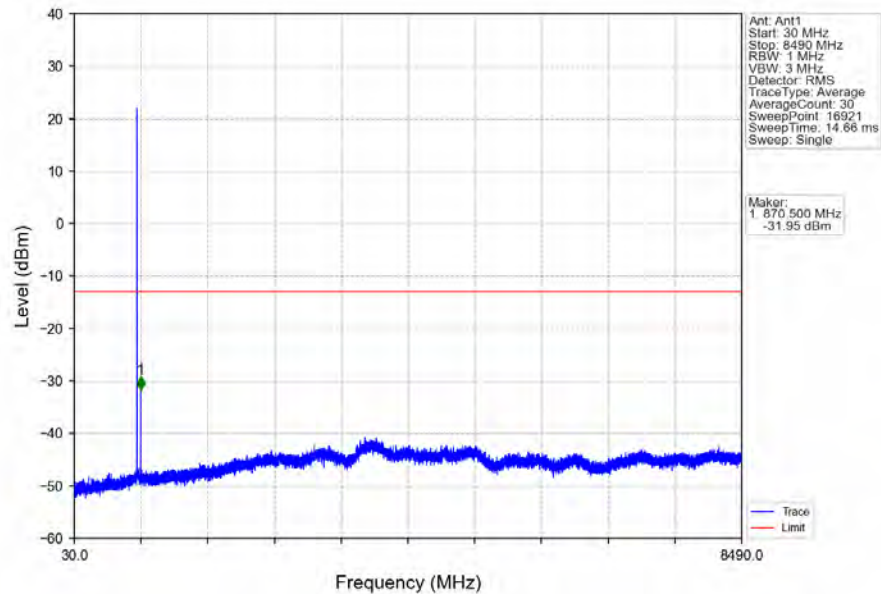


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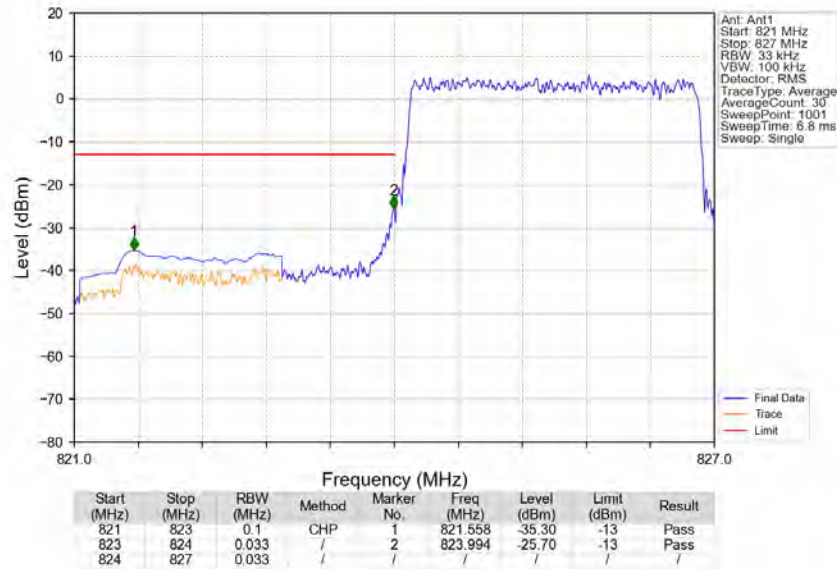
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Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



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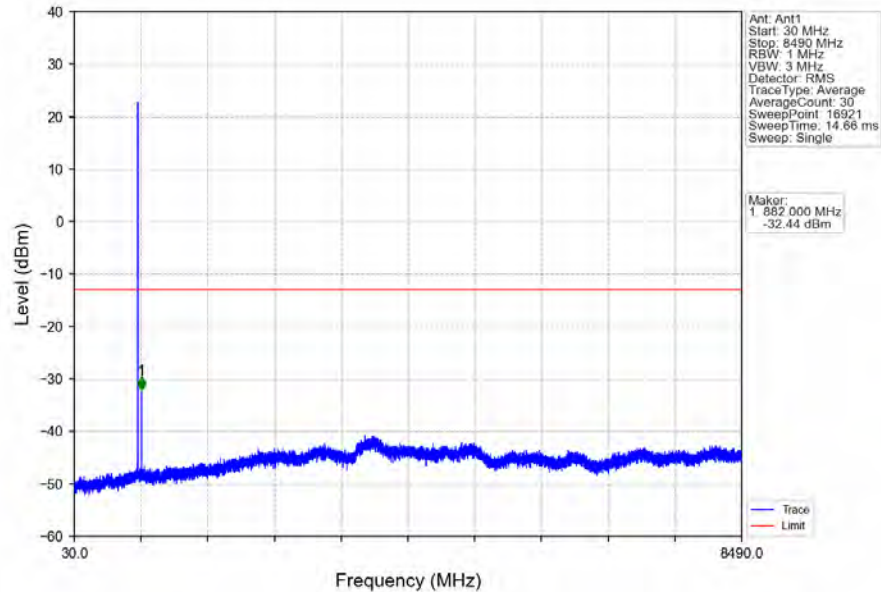


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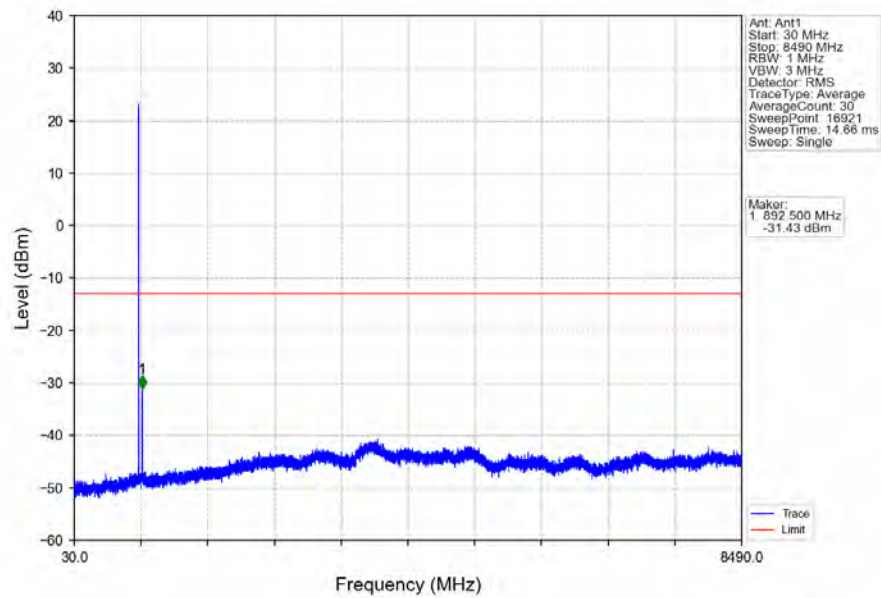
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Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



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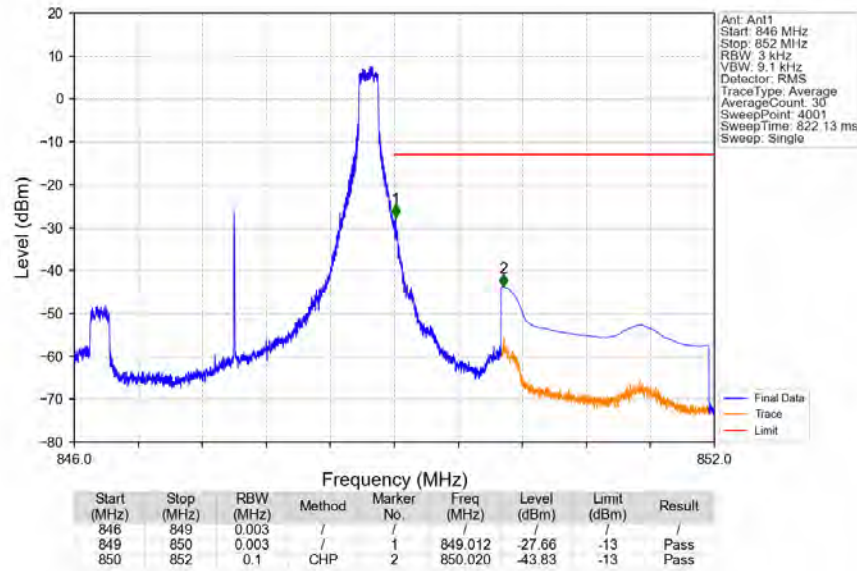


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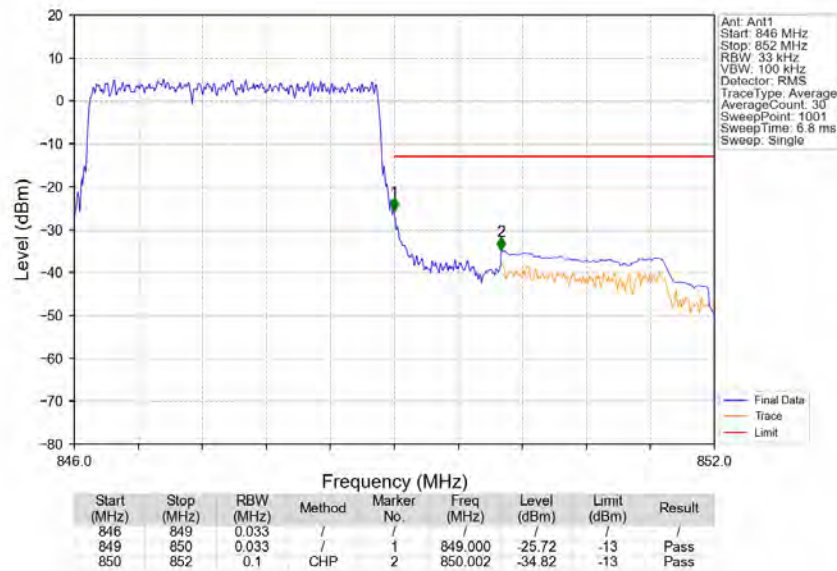
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Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



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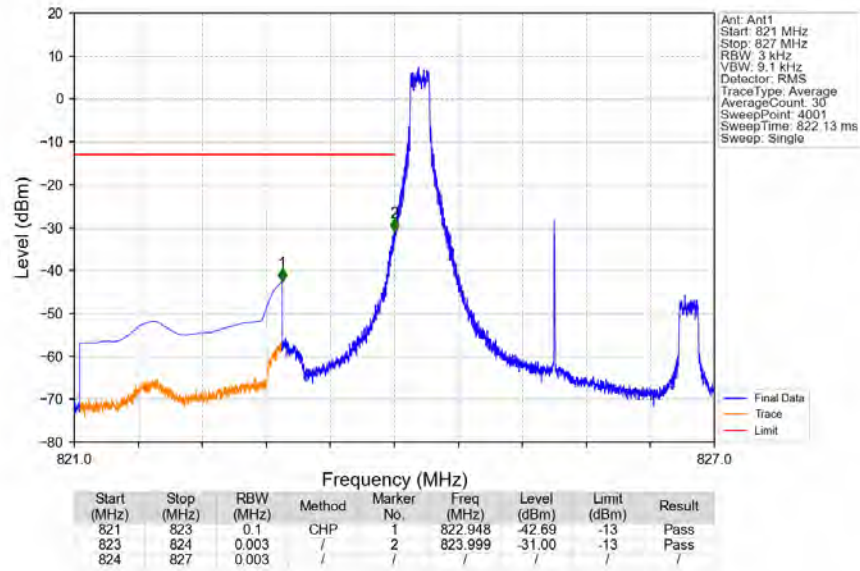


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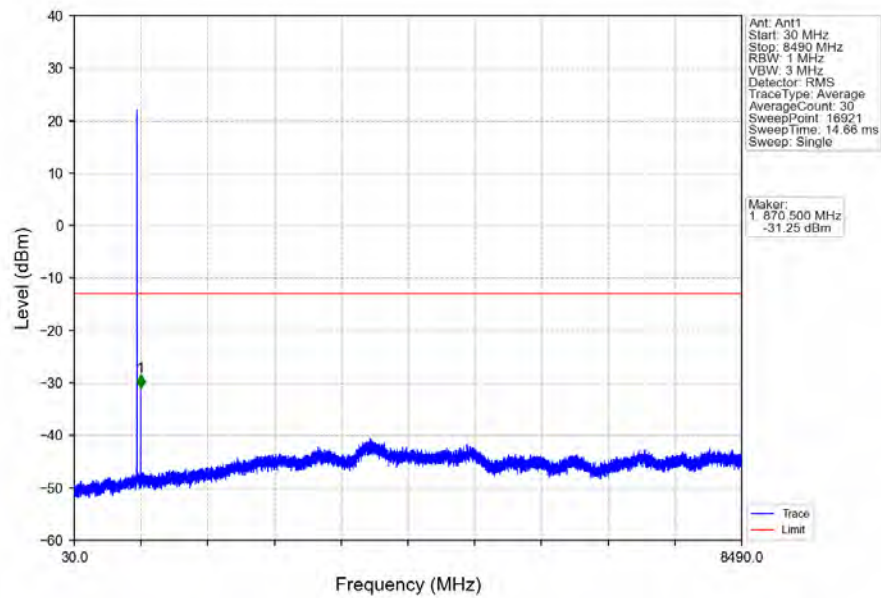
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Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



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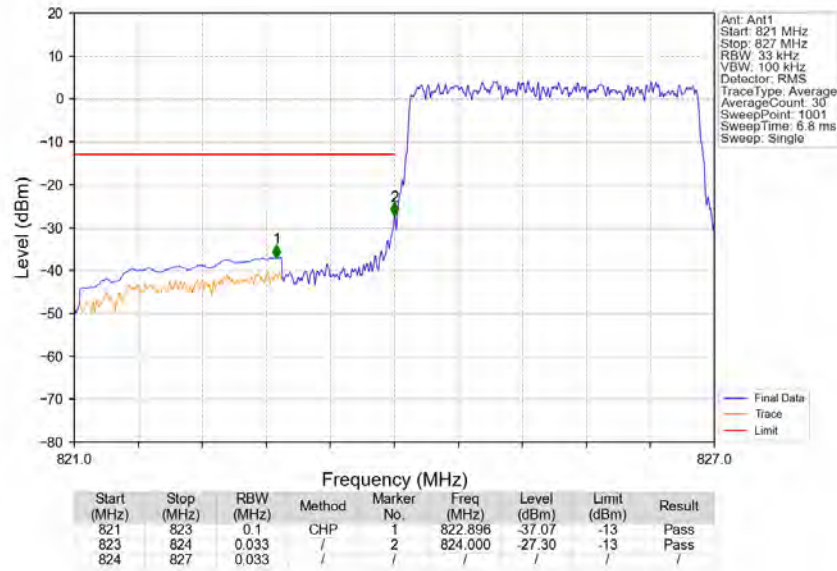


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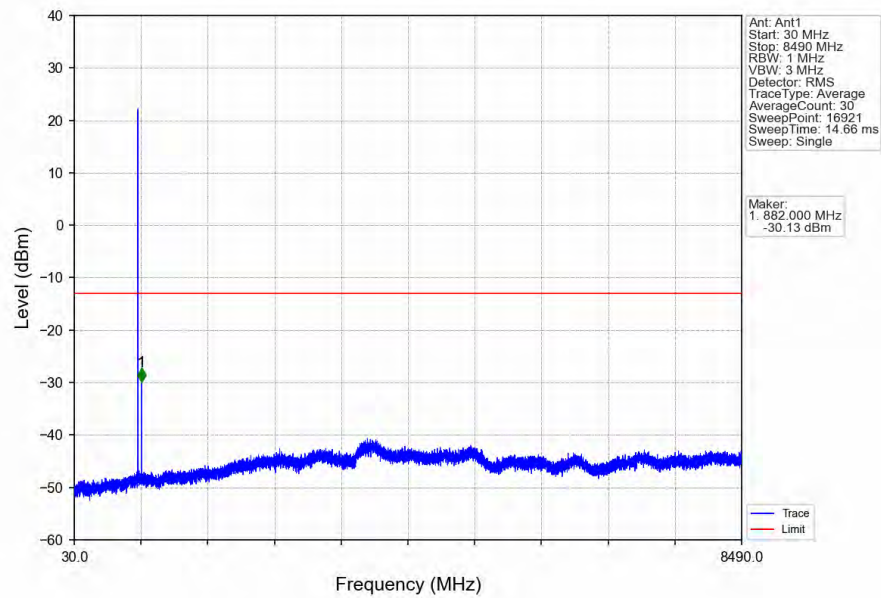
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Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



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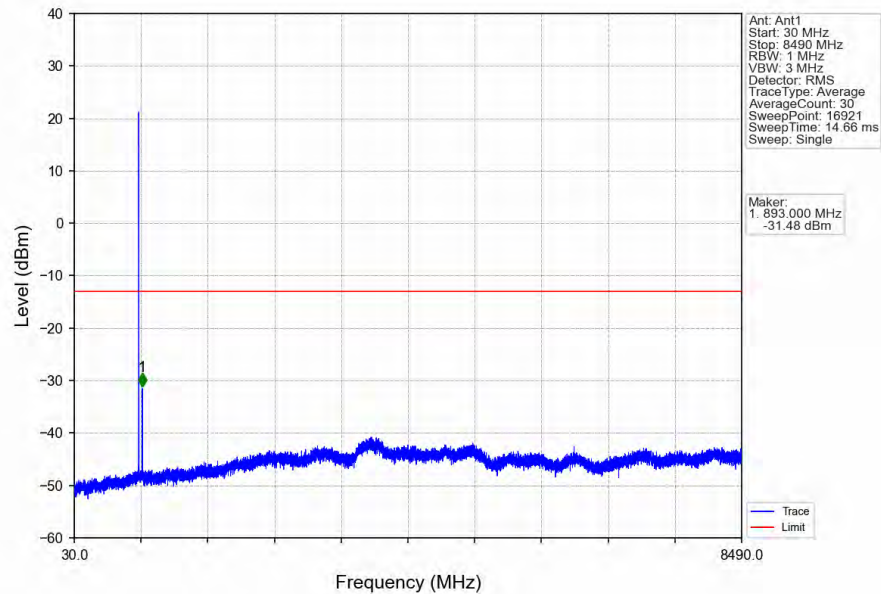


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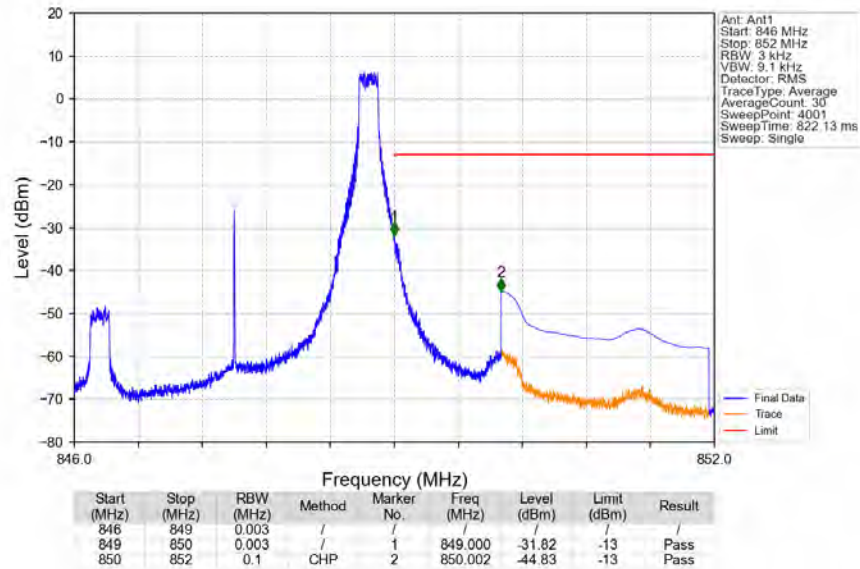
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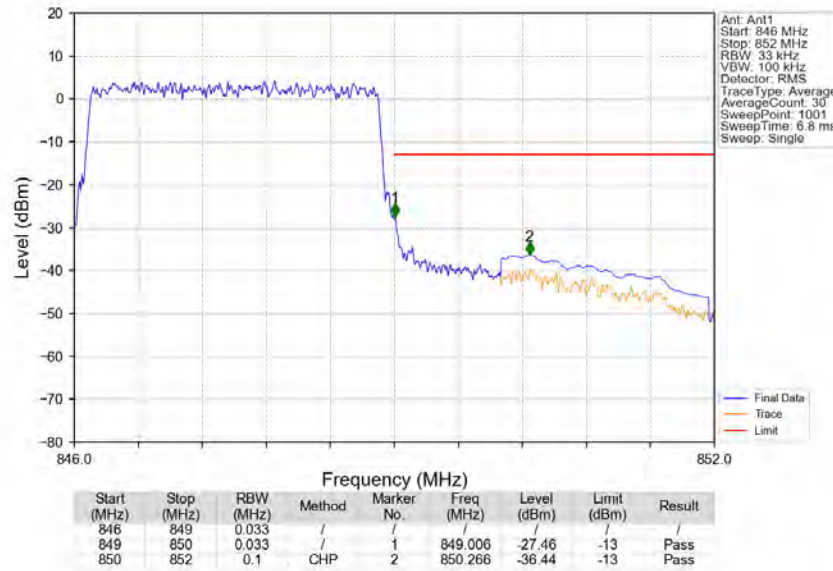


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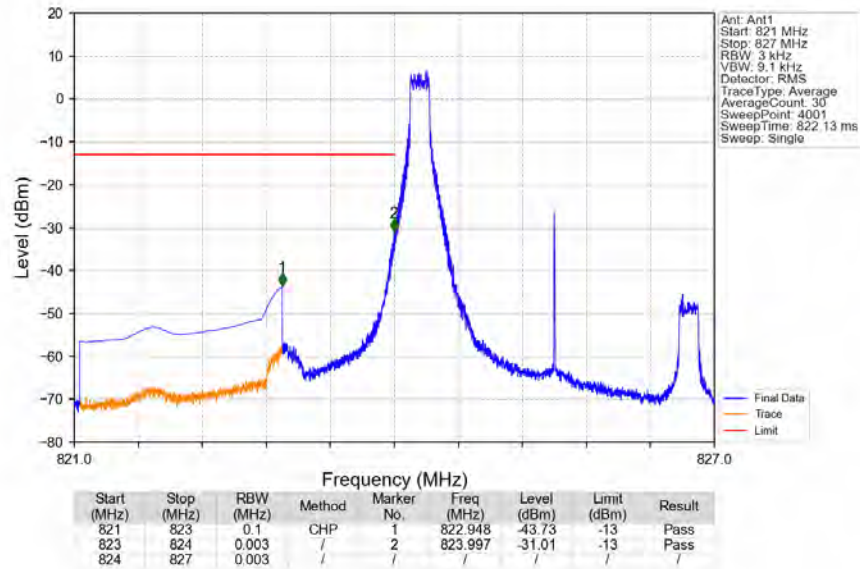
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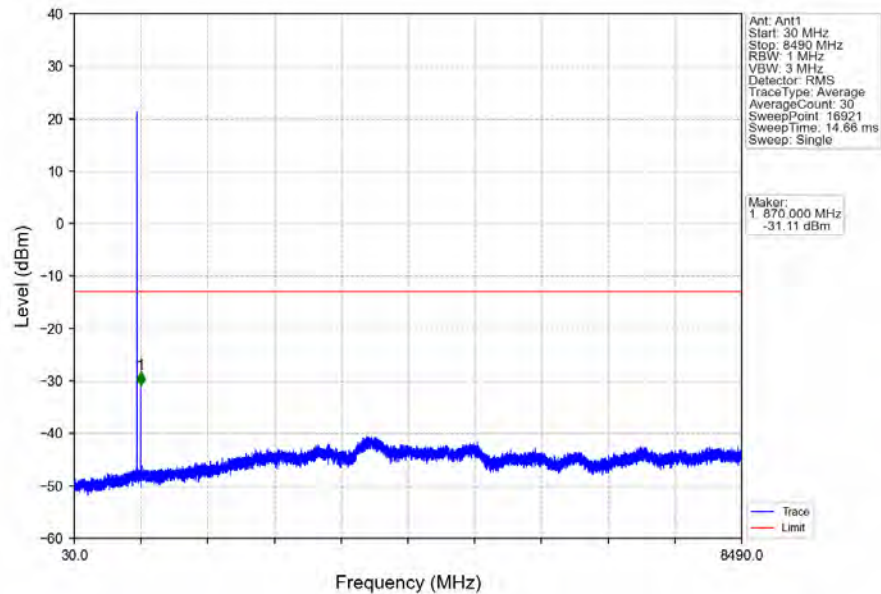


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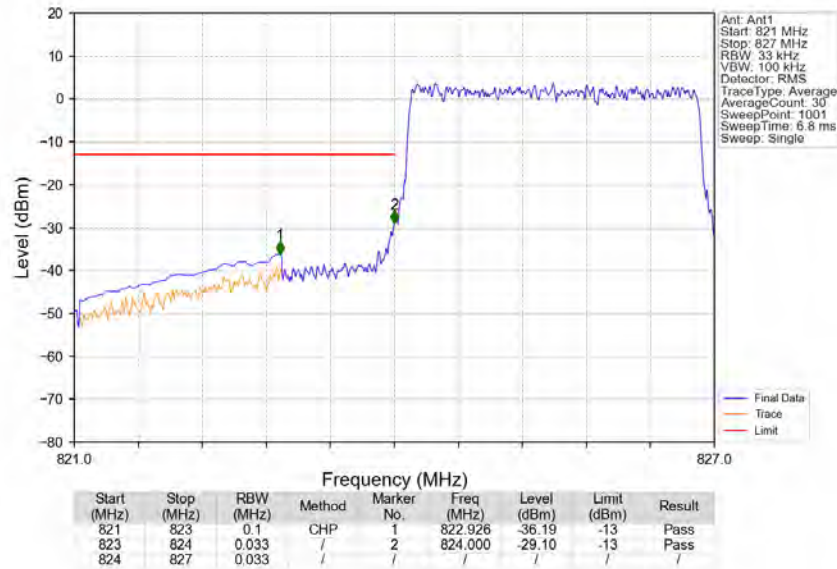
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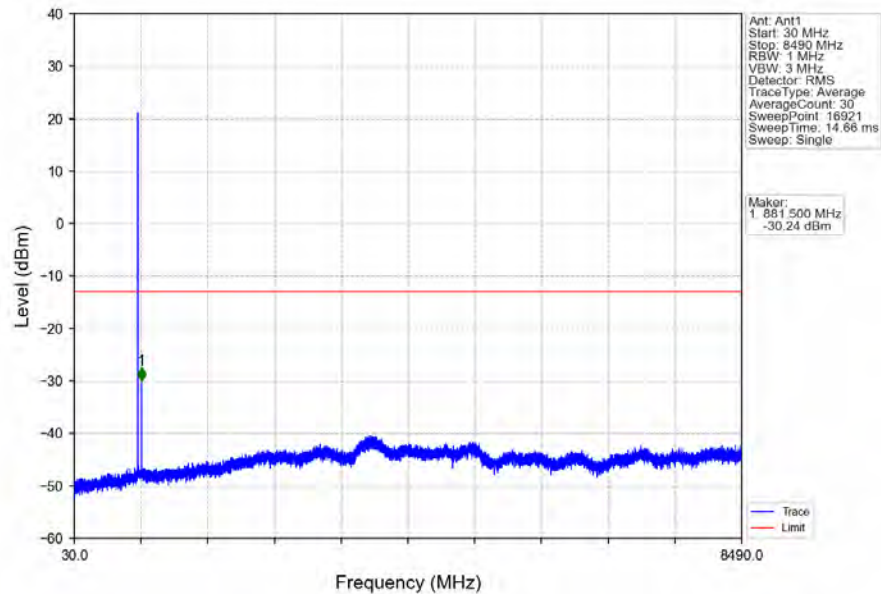


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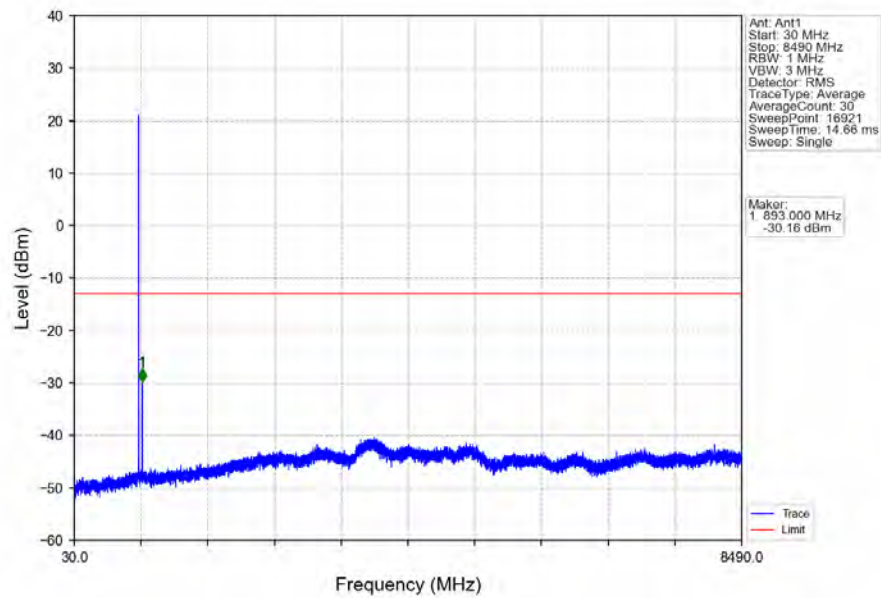
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Band5_3MHz_64QAM_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_64QAM_HCH_847.5MHz_RB_1_14_NTNV



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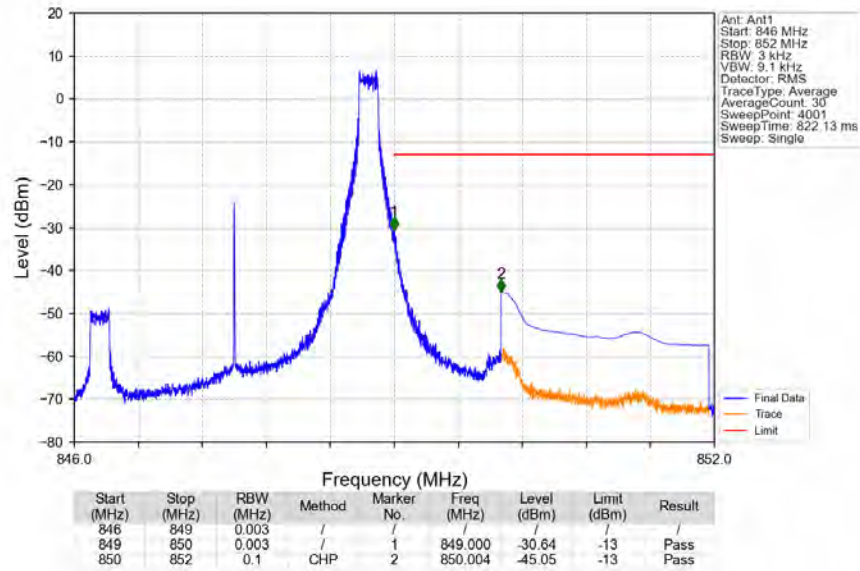


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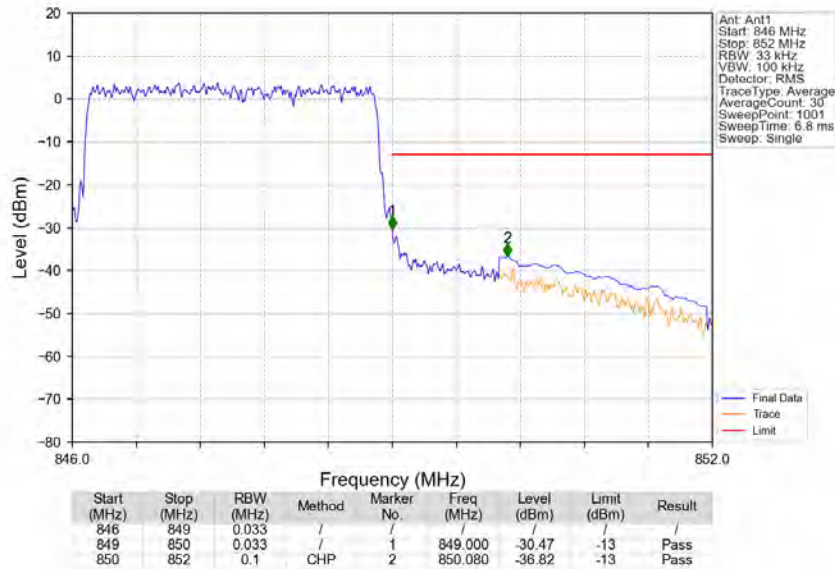
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Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



Band5_3MHz_256QAM_LCH_825.5MHz_RB_1_0_NTNV



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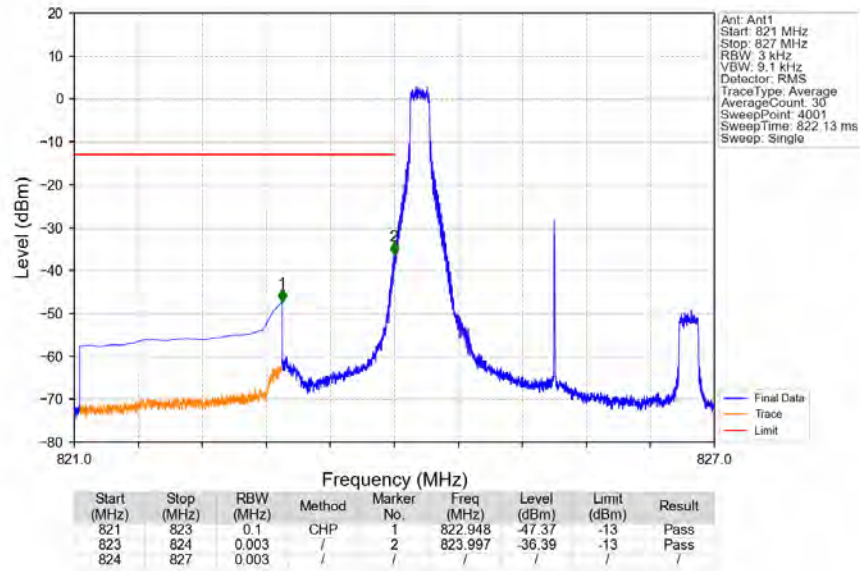


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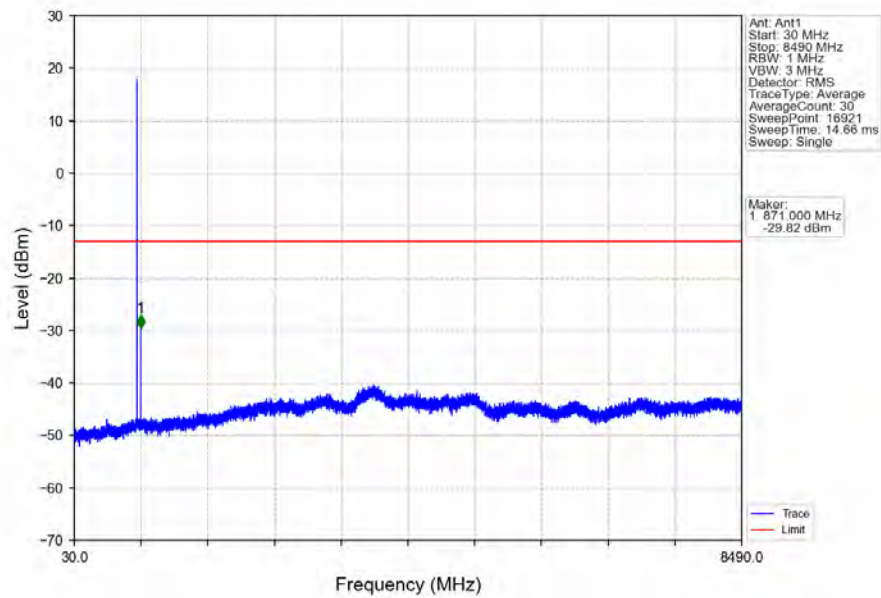
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Band5_3MHz_256QAM_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_256QAM_LCH_825.5MHz_RB_15_0_NTNV



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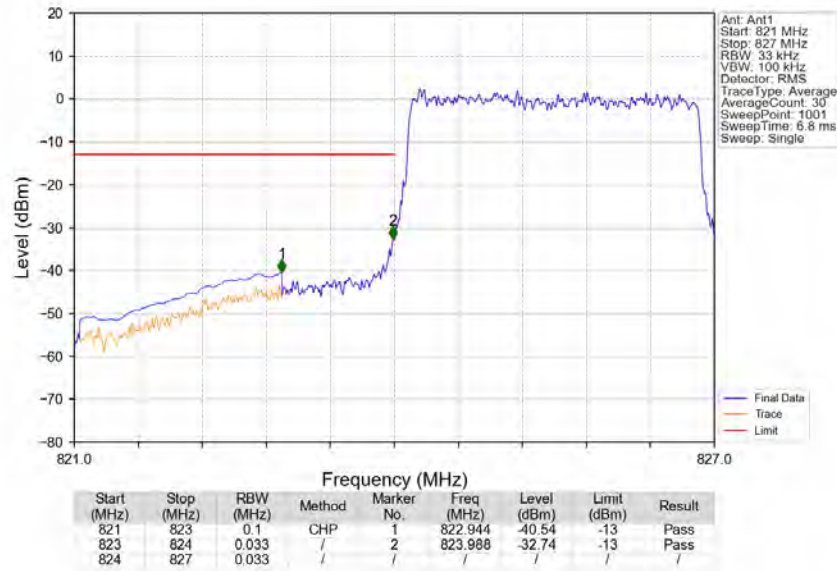


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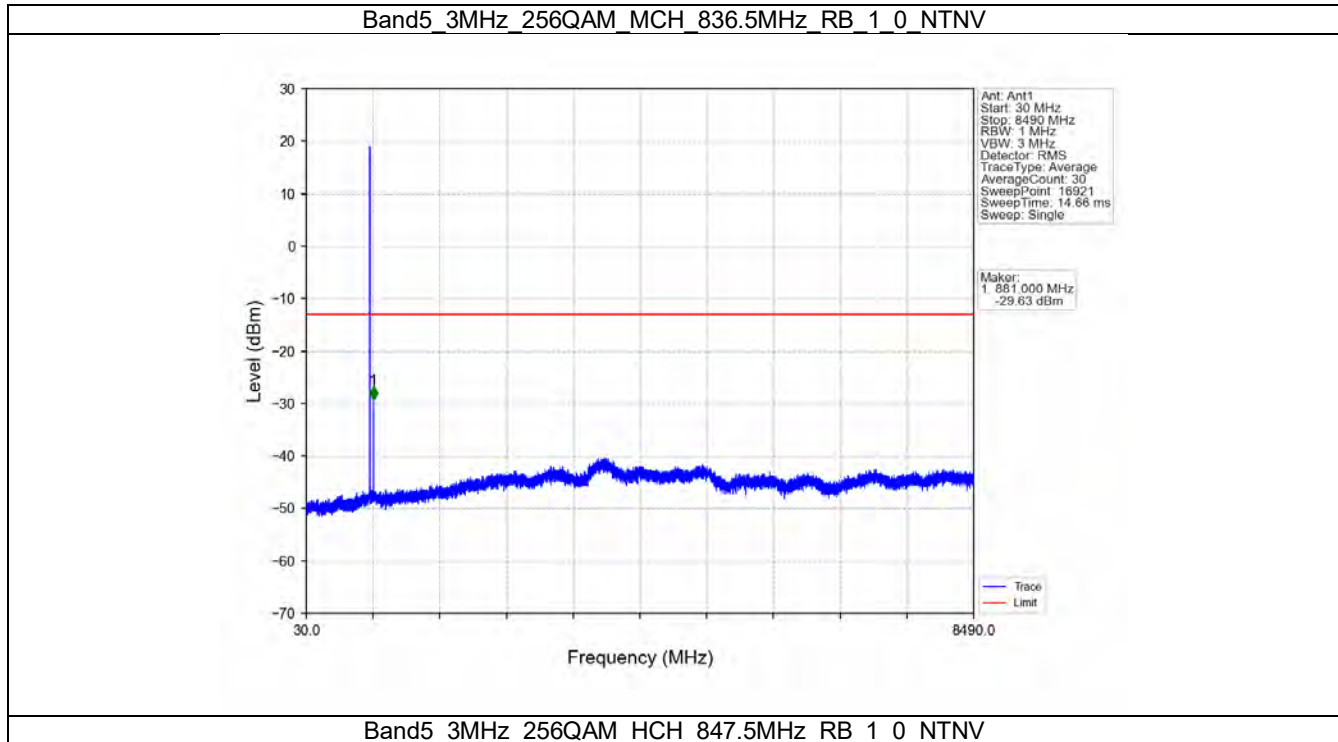


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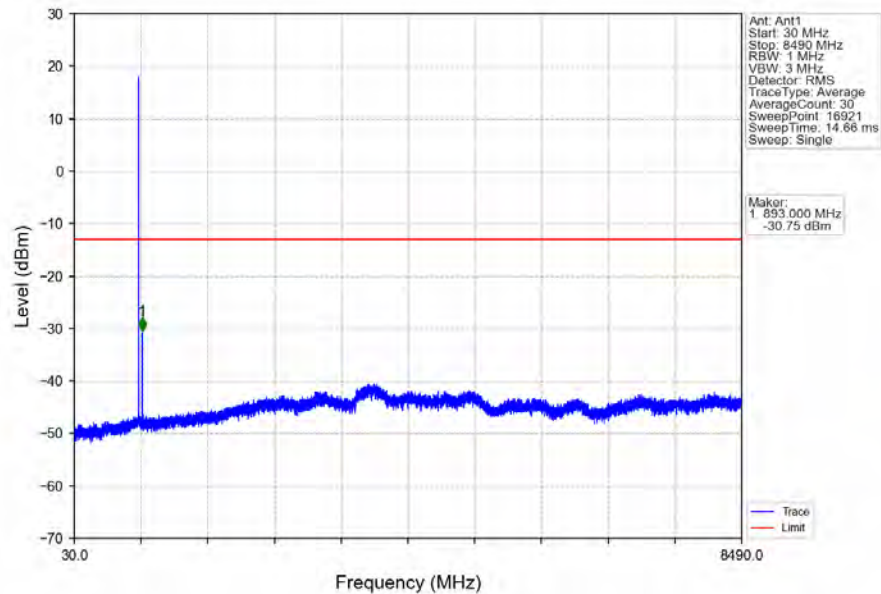


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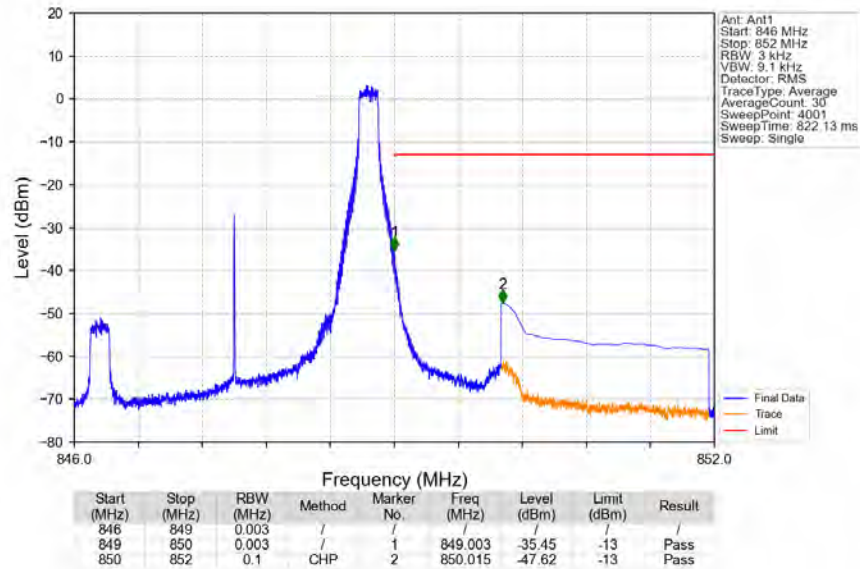
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Band5_3MHz_256QAM_HCH_847.5MHz_RB_1_14_NTNV



Band5_3MHz_256QAM_HCH_847.5MHz_RB_15_0_NTNV



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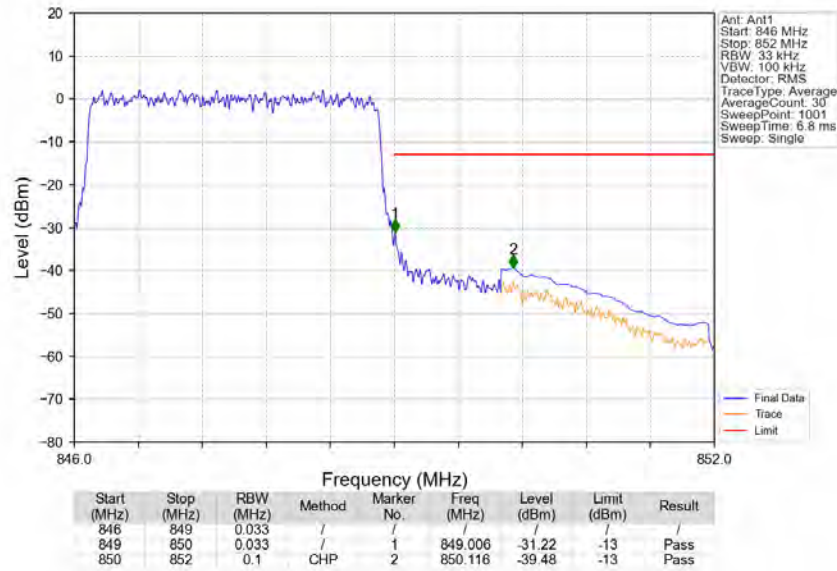


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5.3 B5_5MHz

5.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		846.5	1	0	Refer To Test Graph	
			24	Refer To Test Graph		Pass
	25		0	Refer To Test Graph		Pass
16QAM	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		846.5	1	0	Refer To Test Graph	
			24	Refer To Test Graph		Pass
	25		0	Refer To Test Graph		Pass
64QAM	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		846.5	1	0	Refer To Test Graph	
			24	Refer To Test Graph		Pass
	25		0	Refer To Test Graph		Pass
256QAM	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		846.5	1	0	Refer To Test Graph	
			24	Refer To Test Graph		Pass
	25		0	Refer To Test Graph		Pass



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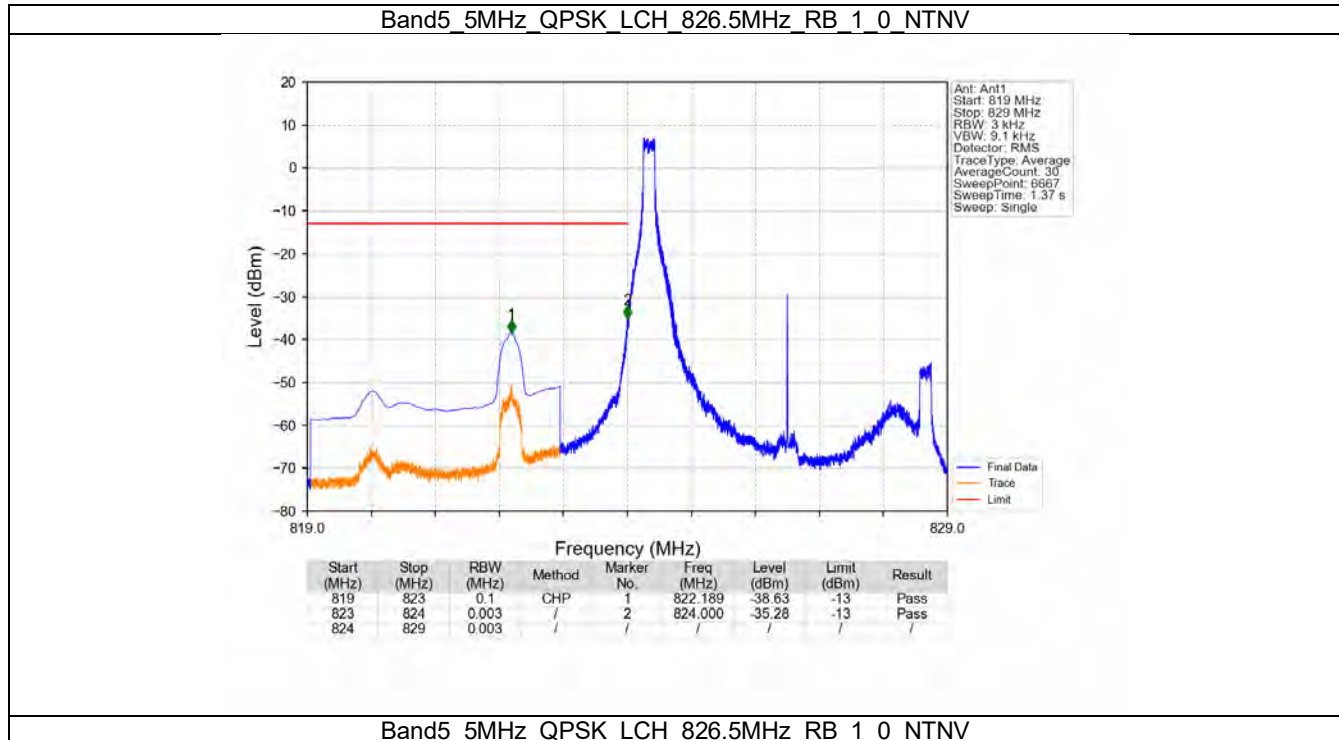
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5.3.2 Test Graph



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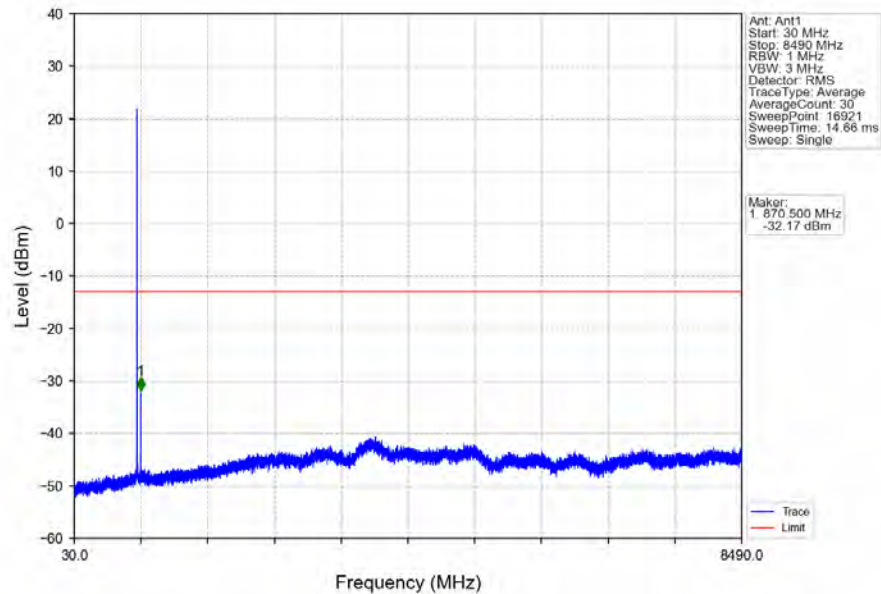


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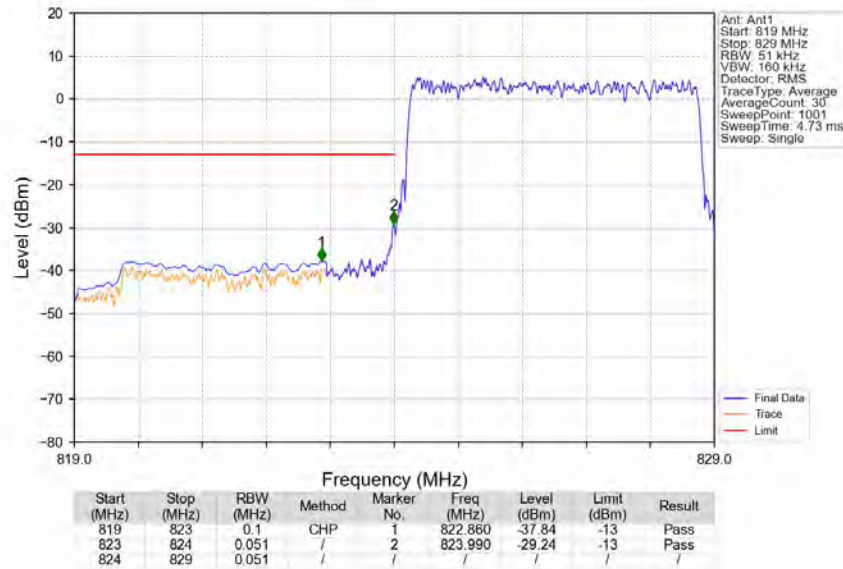
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Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



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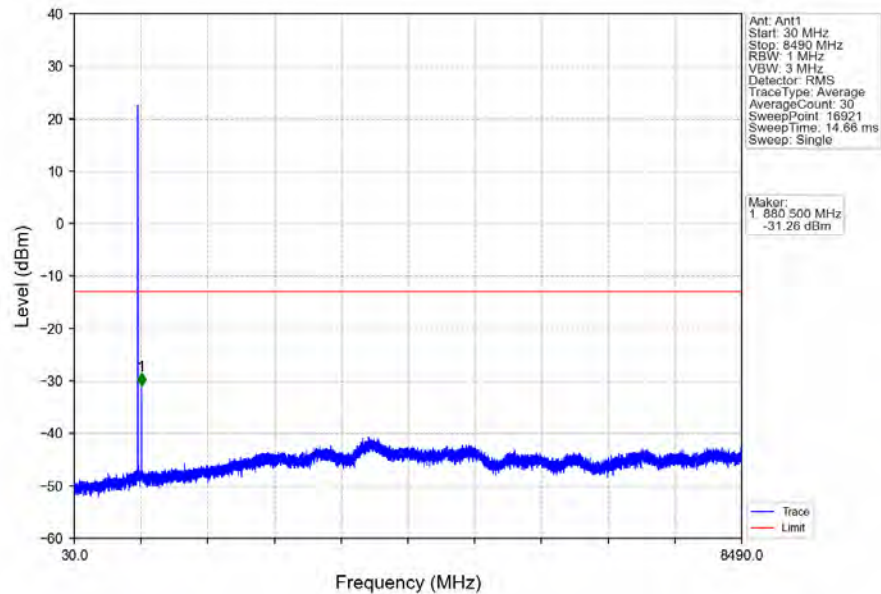


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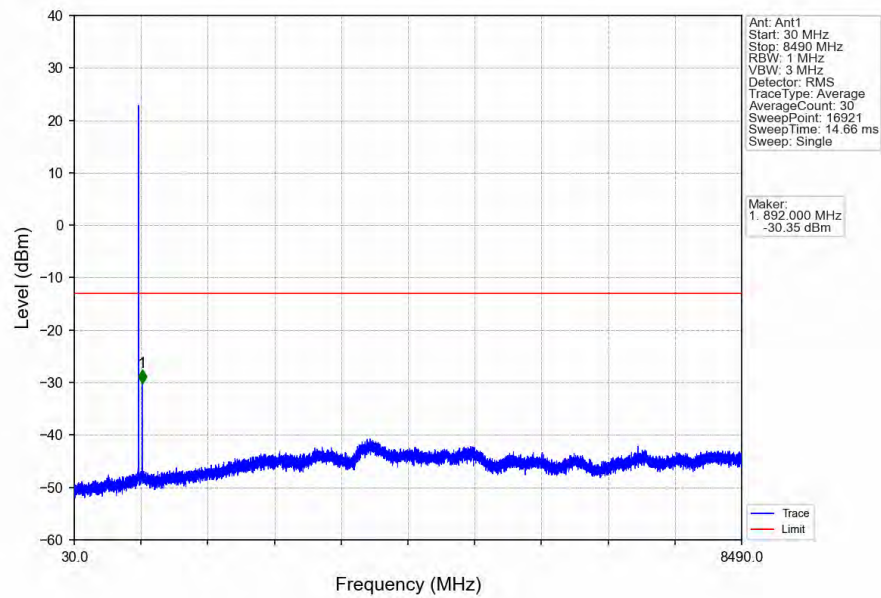
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Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



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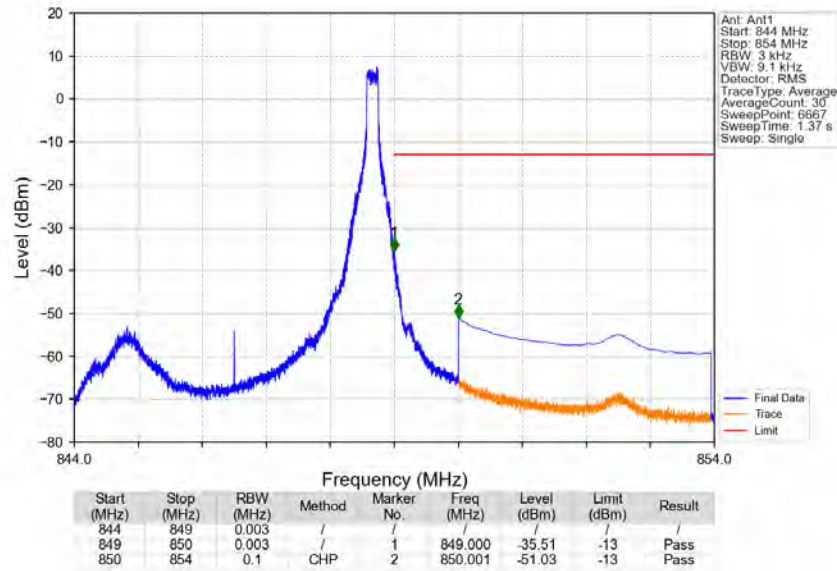


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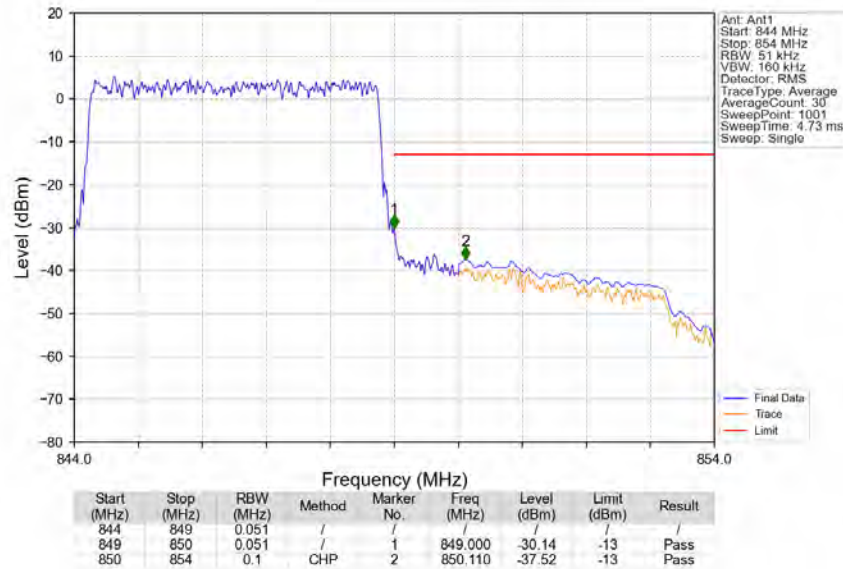
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Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



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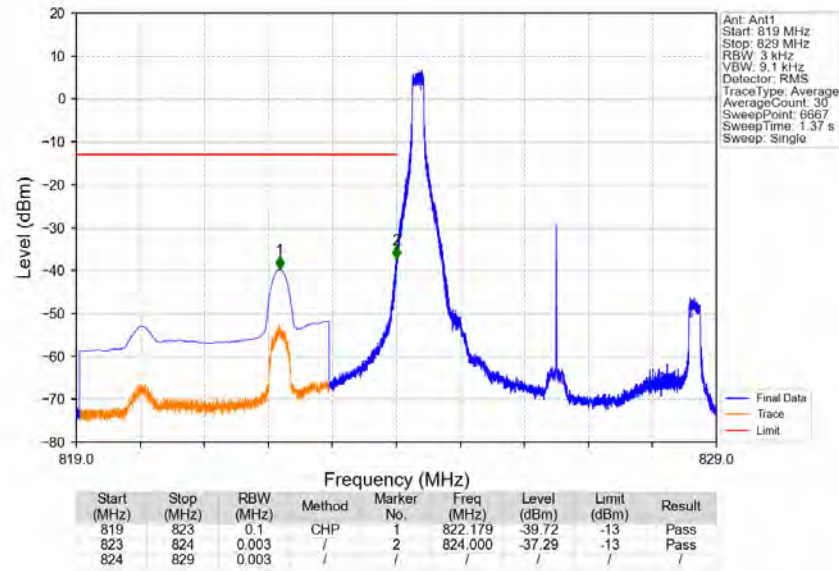


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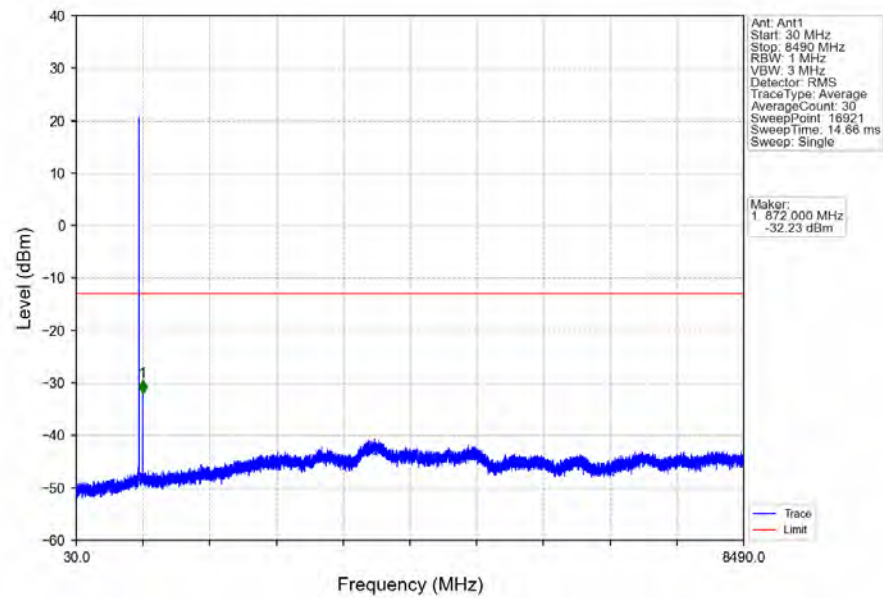
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Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



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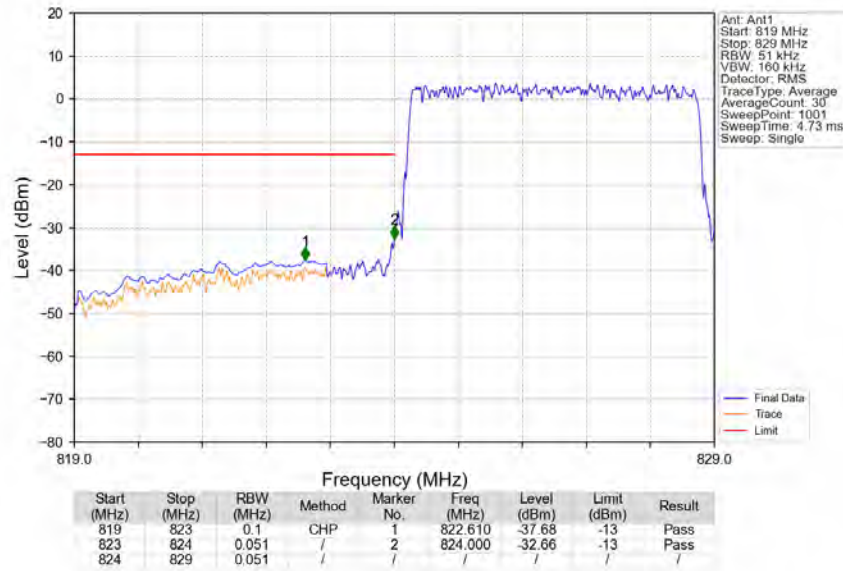


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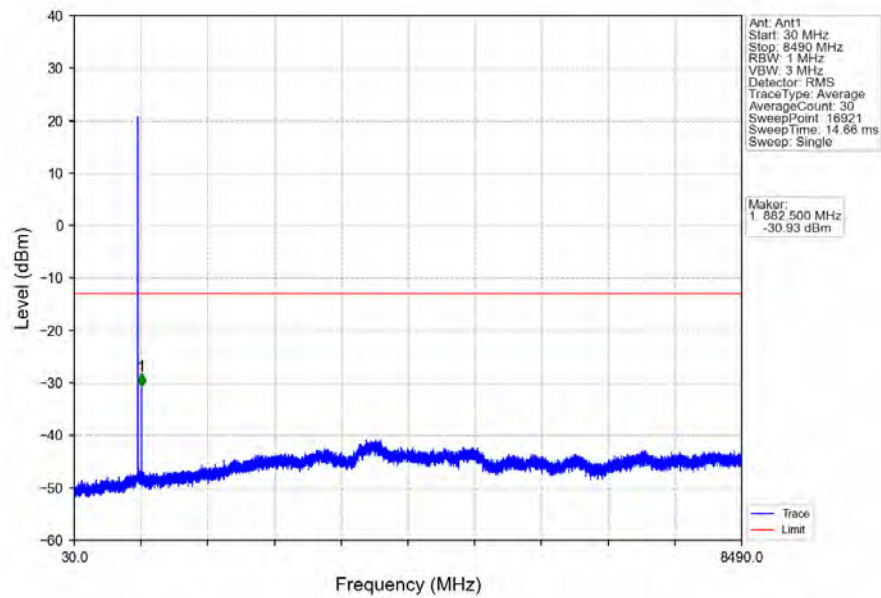
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Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



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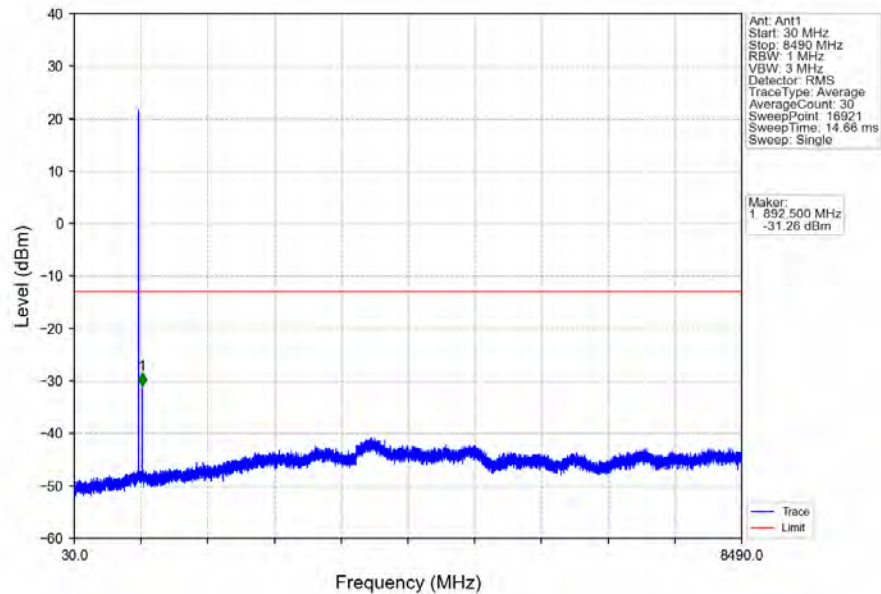


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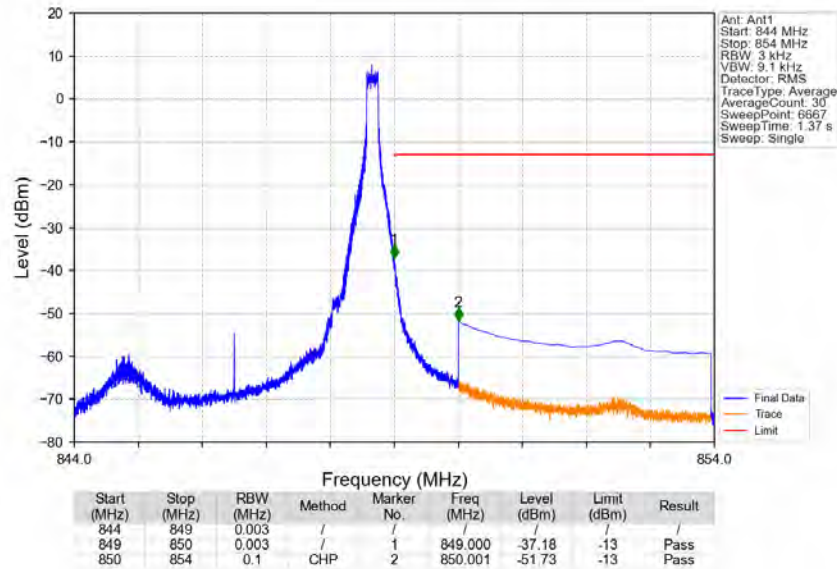
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Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



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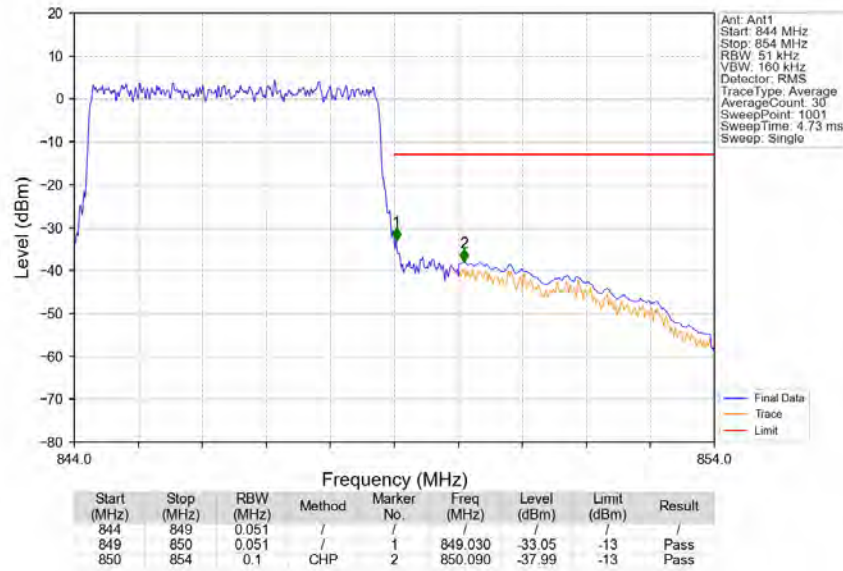


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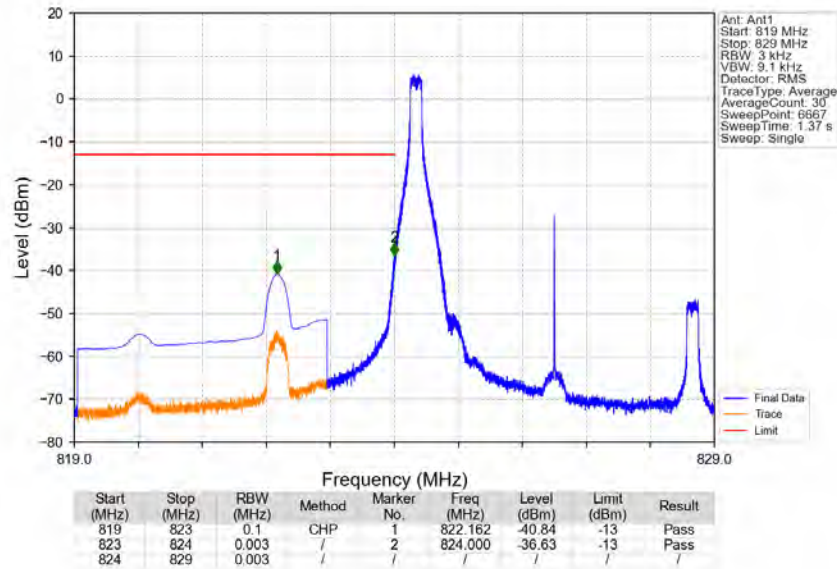
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Band5_5MHz_64QAM_LCH_826.5MHz_RB_1_0_NTNV



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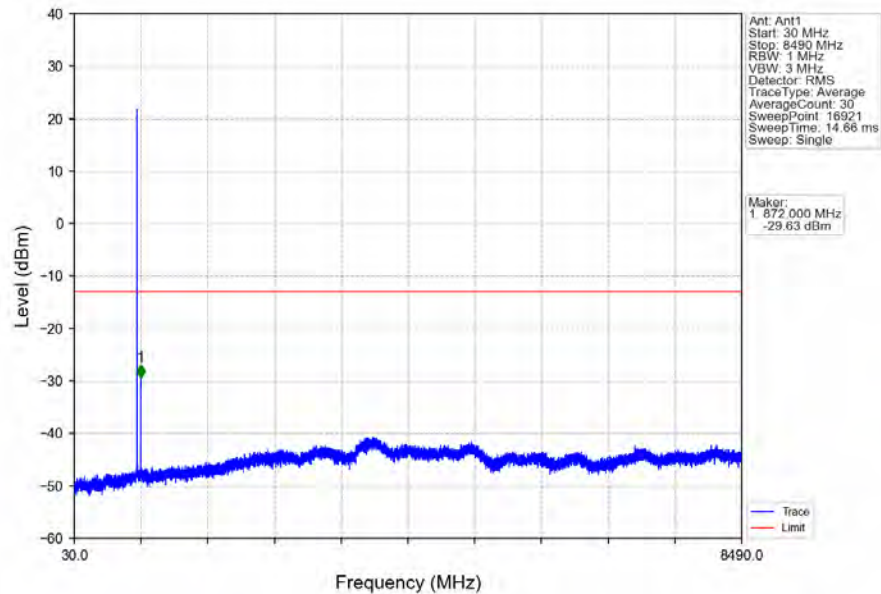


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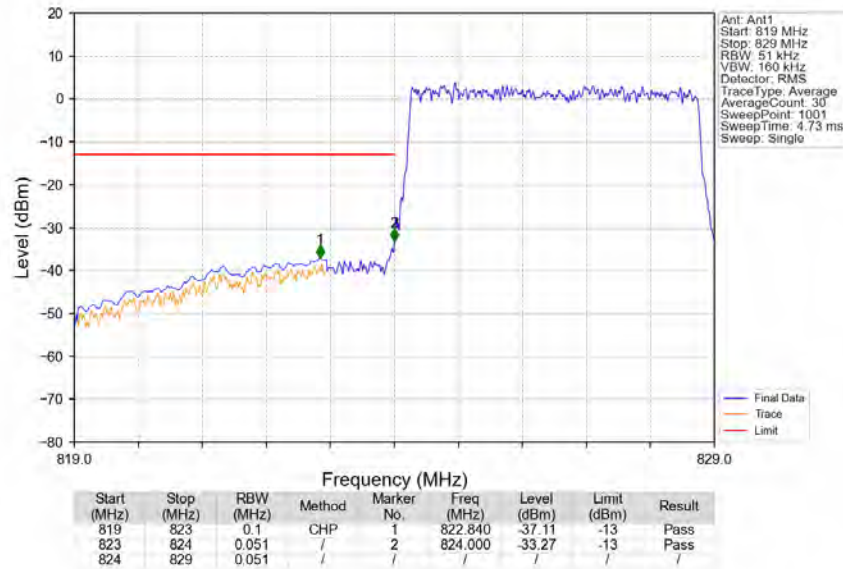
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Band5_5MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



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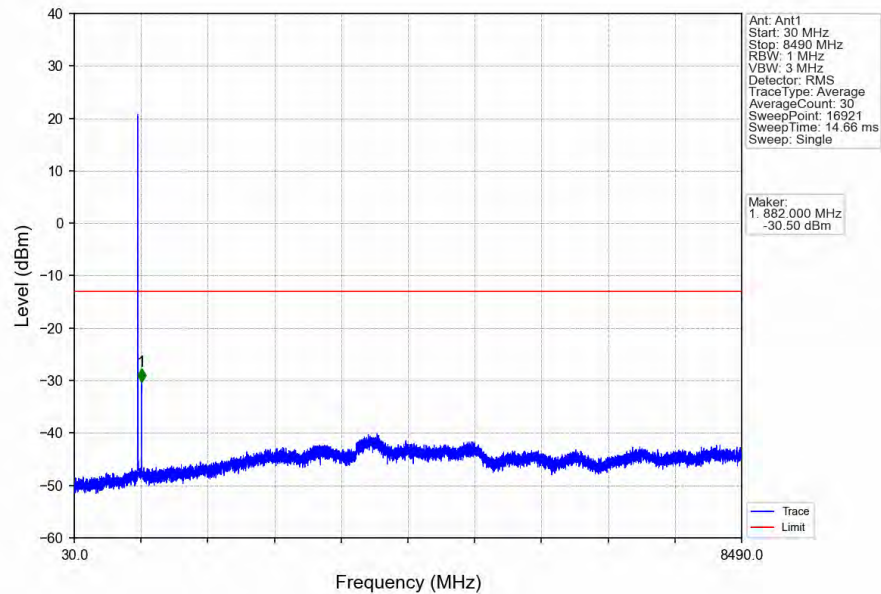


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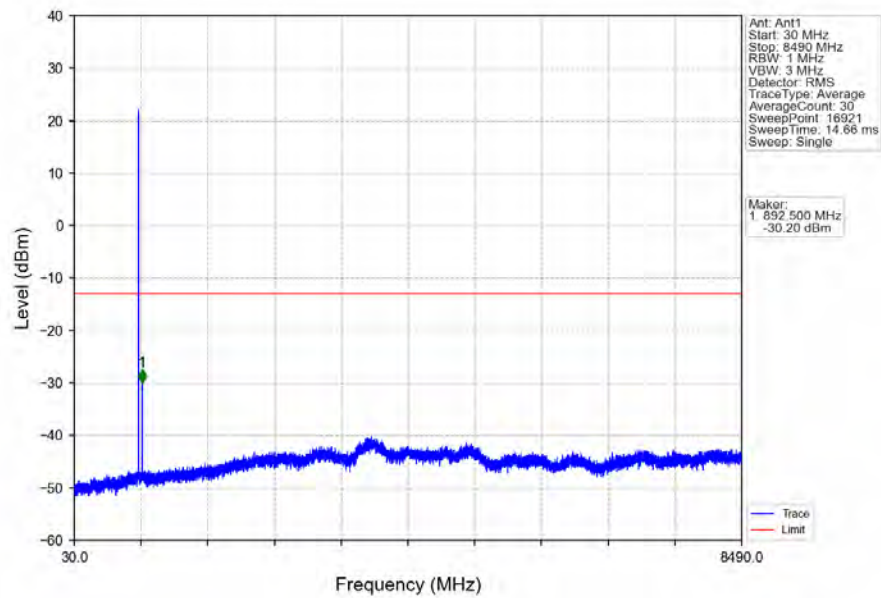
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Band5_5MHz_64QAM_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_64QAM_HCH_846.5MHz_RB_1_24_NTNV



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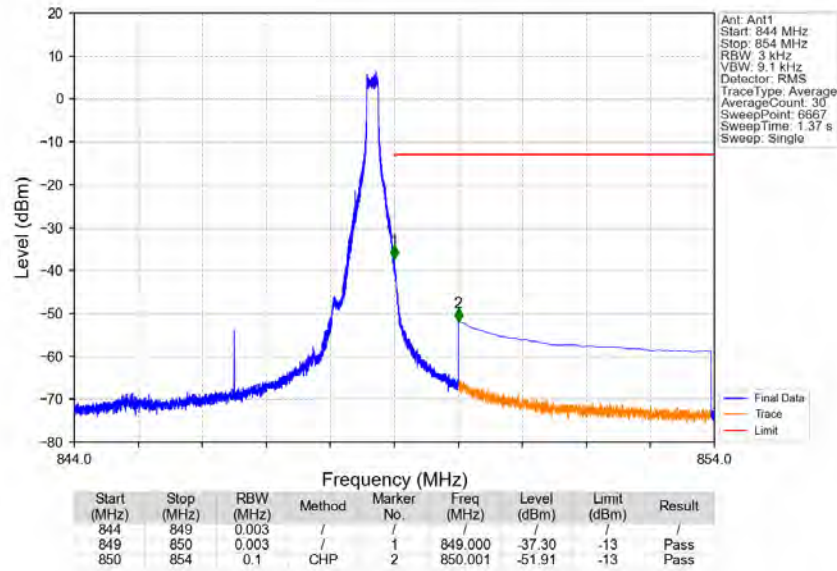


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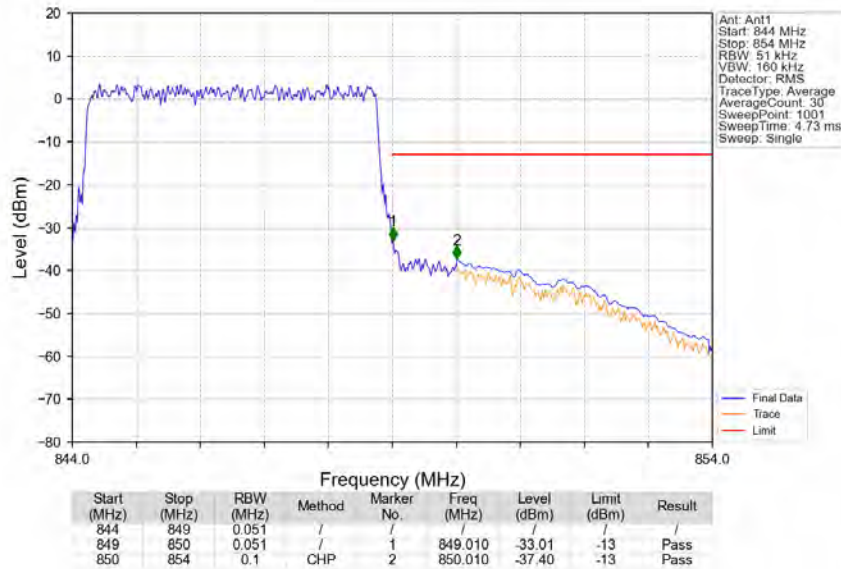
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Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



Band5_5MHz_256QAM_LCH_826.5MHz_RB_1_0_NTNV



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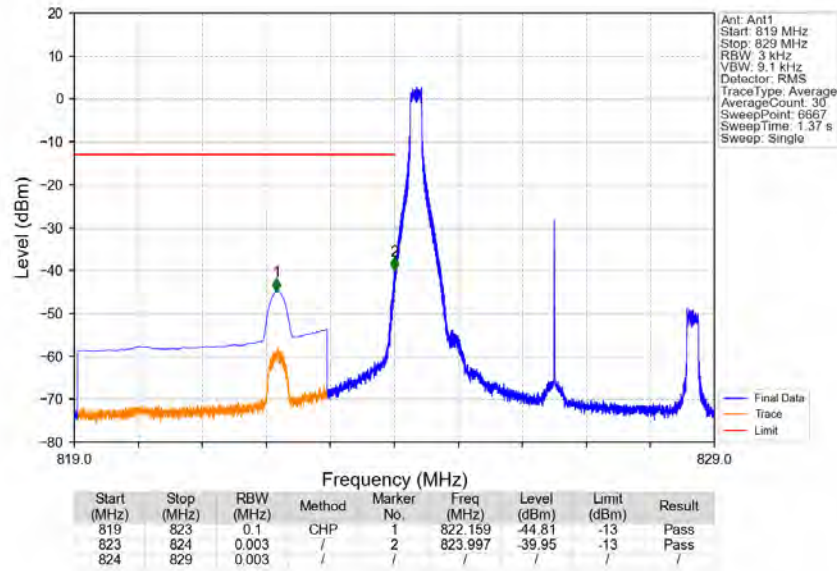


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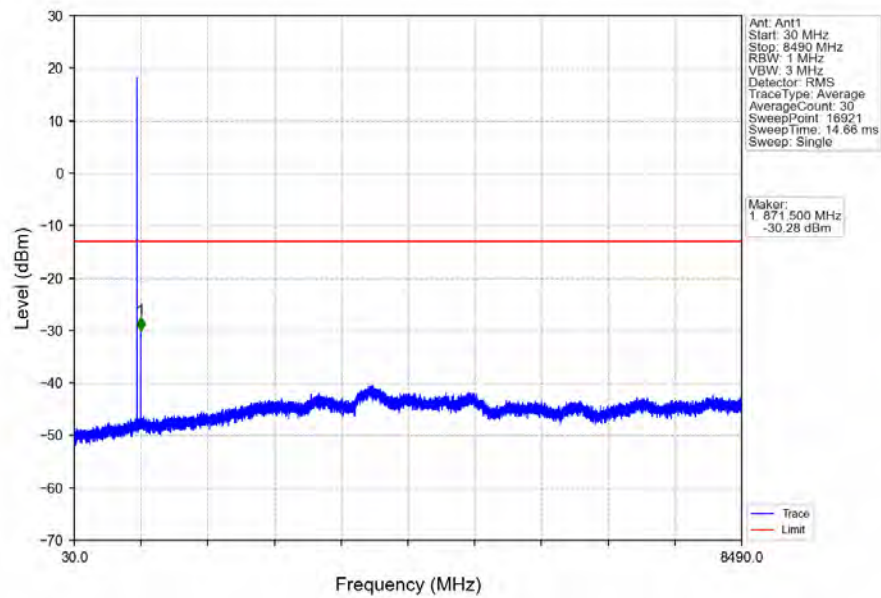
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Band5_5MHz_256QAM_LCH_826.5MHz_RB_1_0_NTNV



Band5_5MHz_256QAM_LCH_826.5MHz_RB_25_0_NTNV



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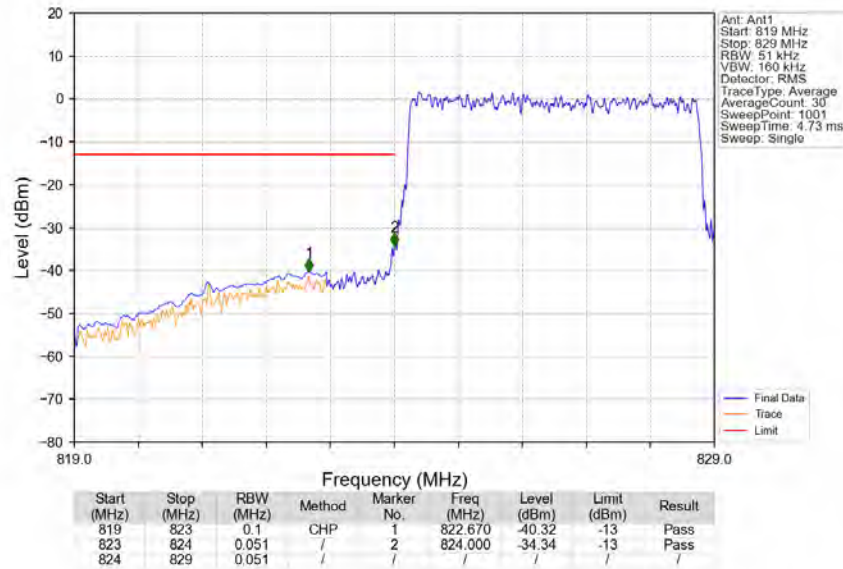


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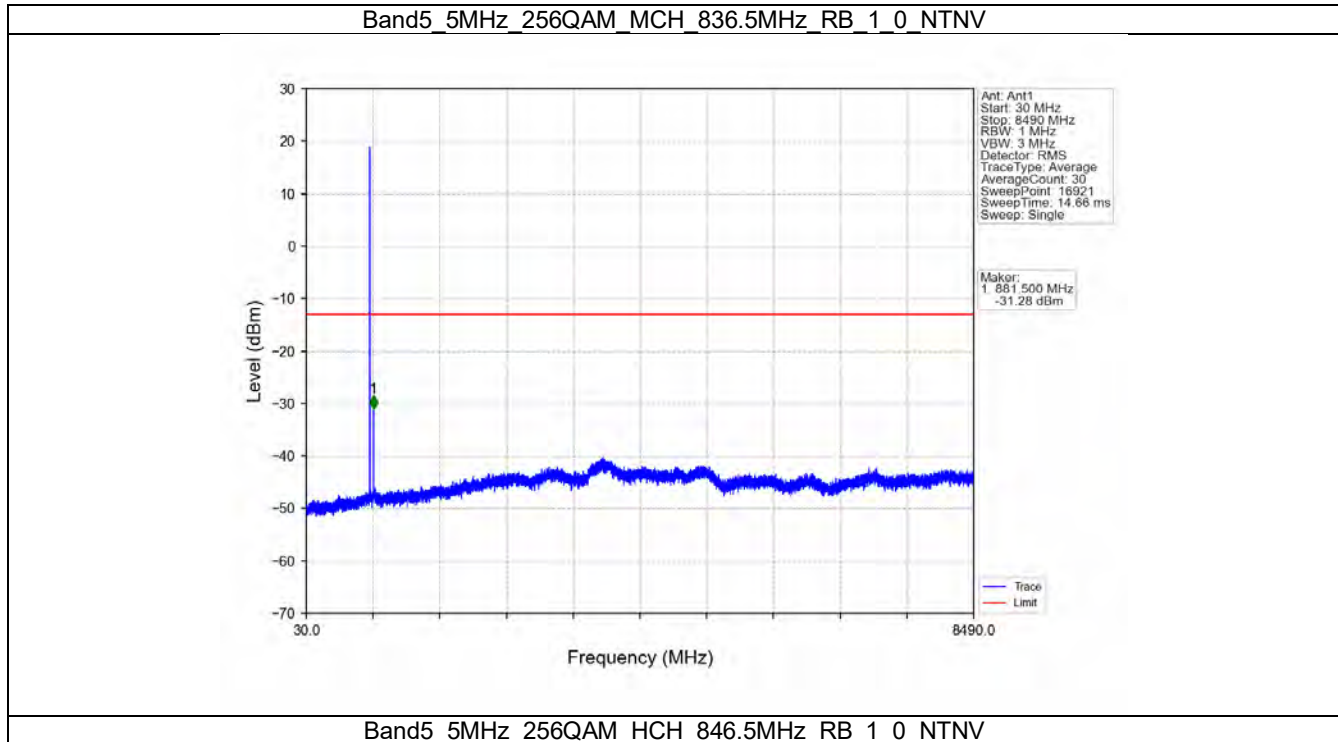


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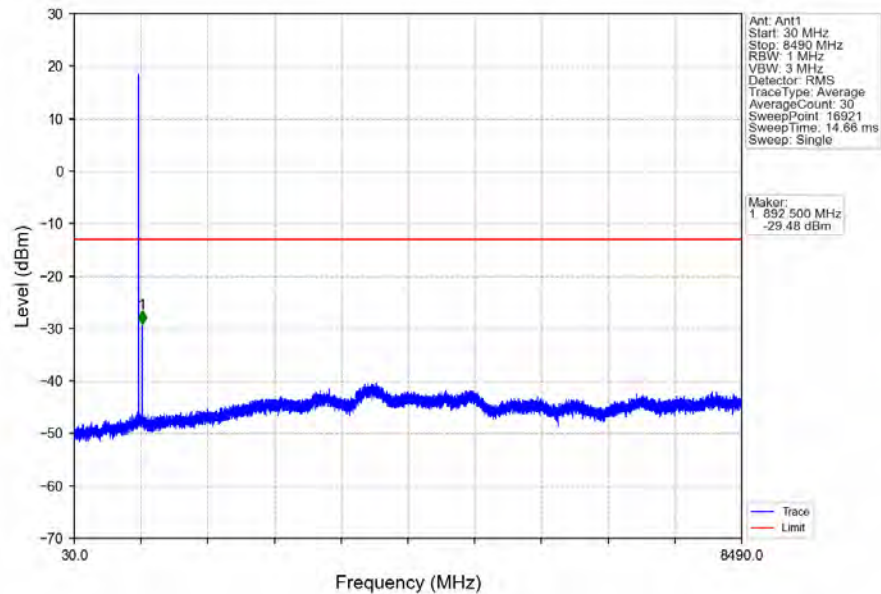


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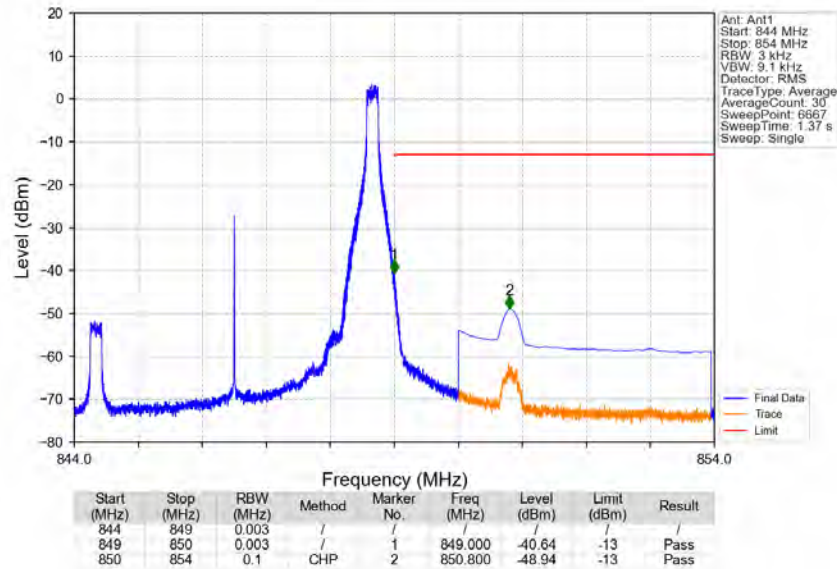
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Band5_5MHz_256QAM_HCH_846.5MHz_RB_1_24_NTNV



Band5_5MHz_256QAM_HCH_846.5MHz_RB_25_0_NTNV



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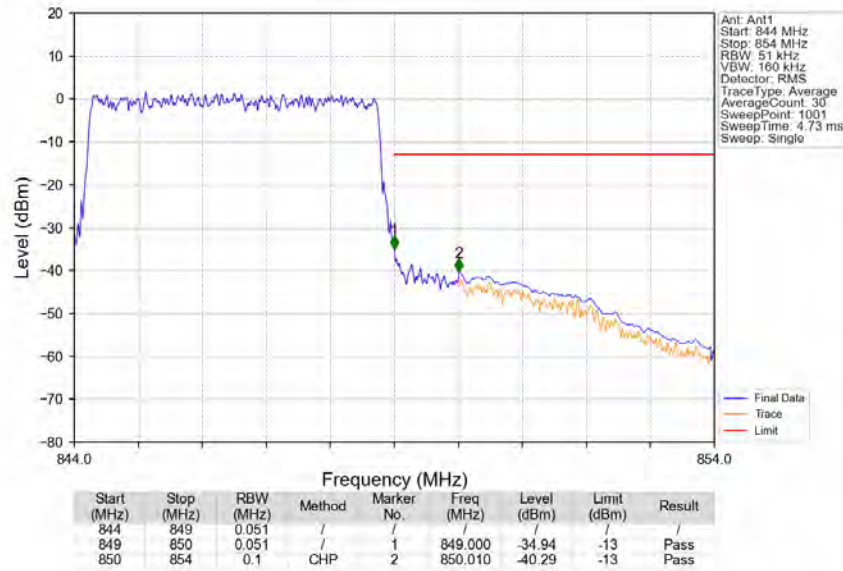


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5.4 B5_10MHz

5.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		1	0	Refer To Test Graph	Pass
		49	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
16QAM	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
		49	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
64QAM	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
		49	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
256QAM	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
		49	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass



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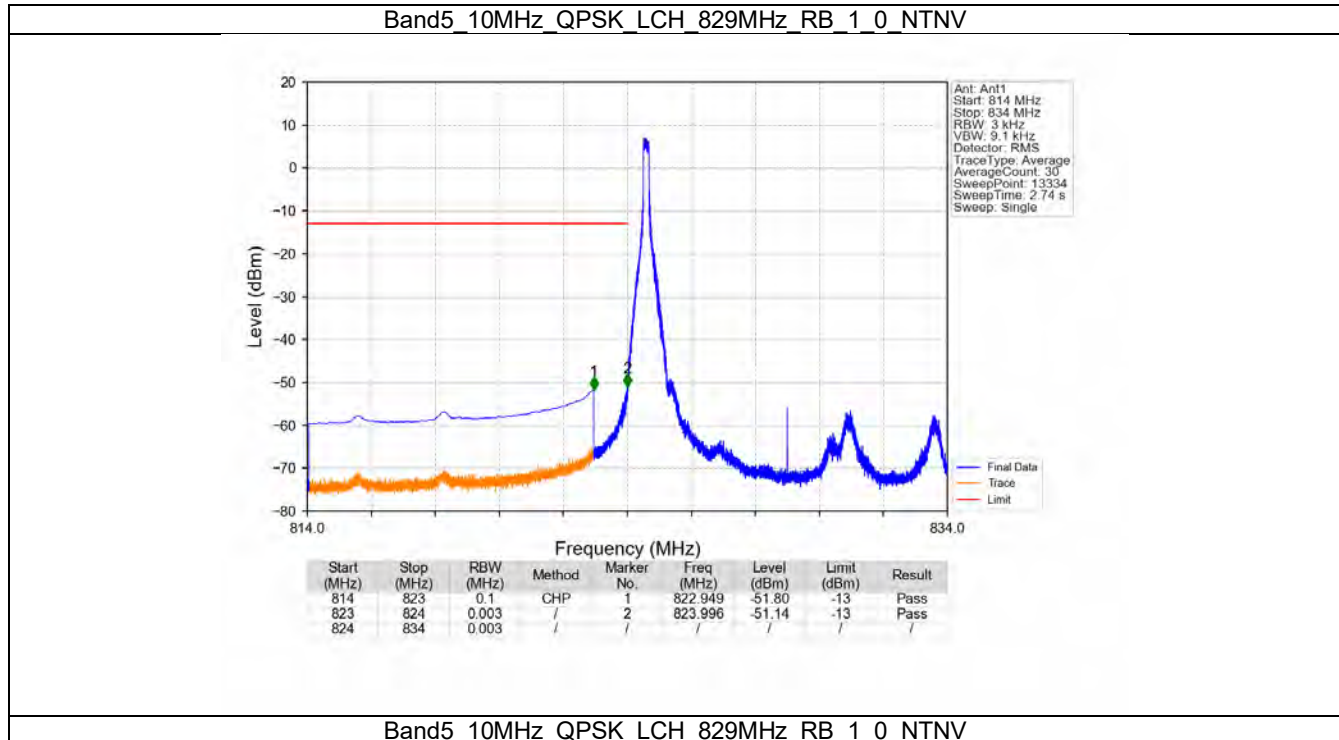
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5.4.2 Test Graph



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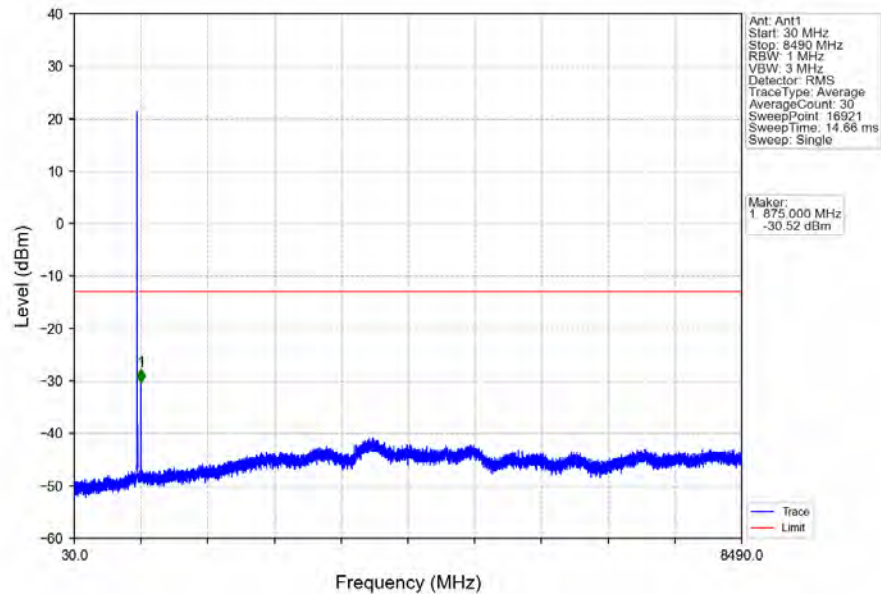


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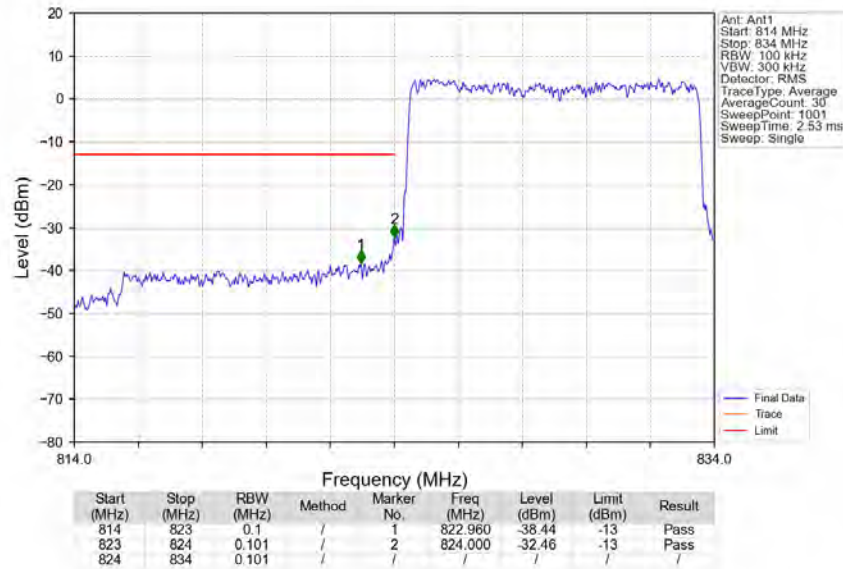
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Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



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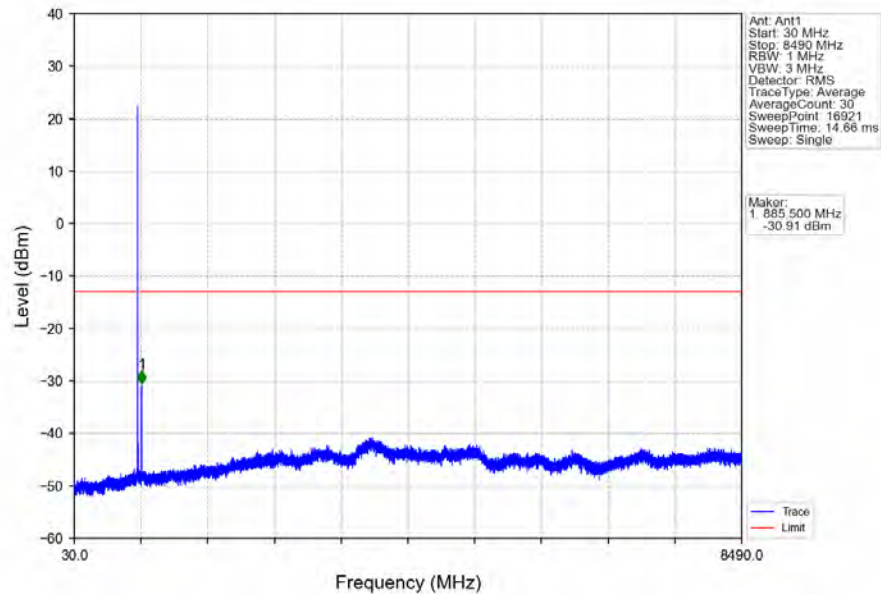


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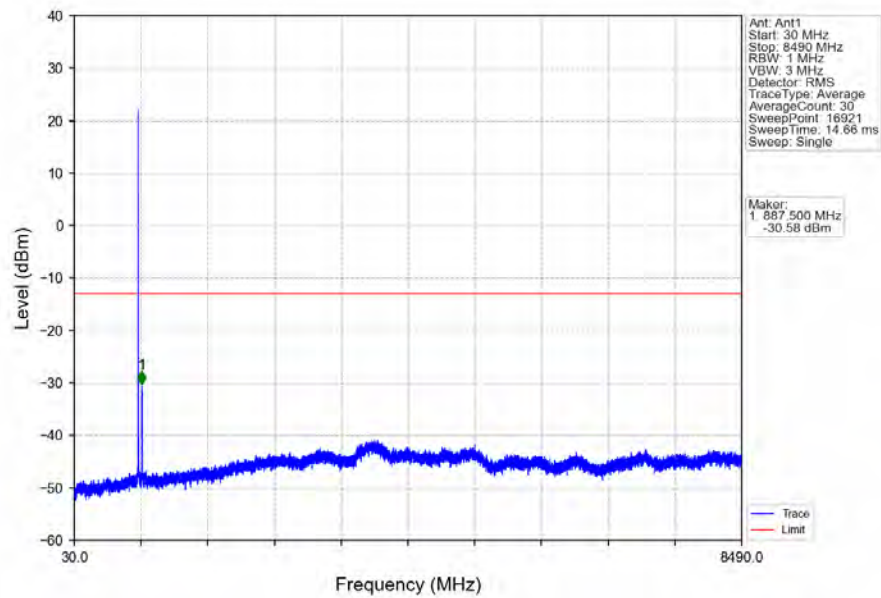
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Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



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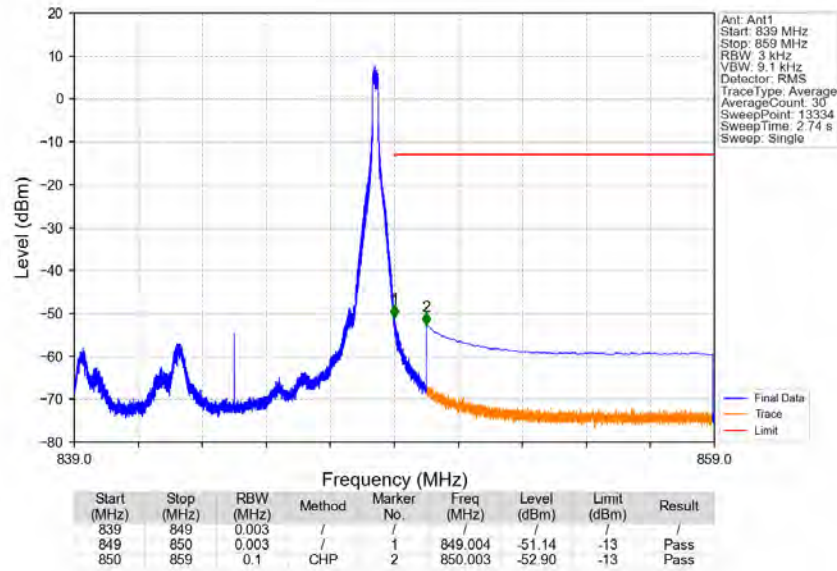


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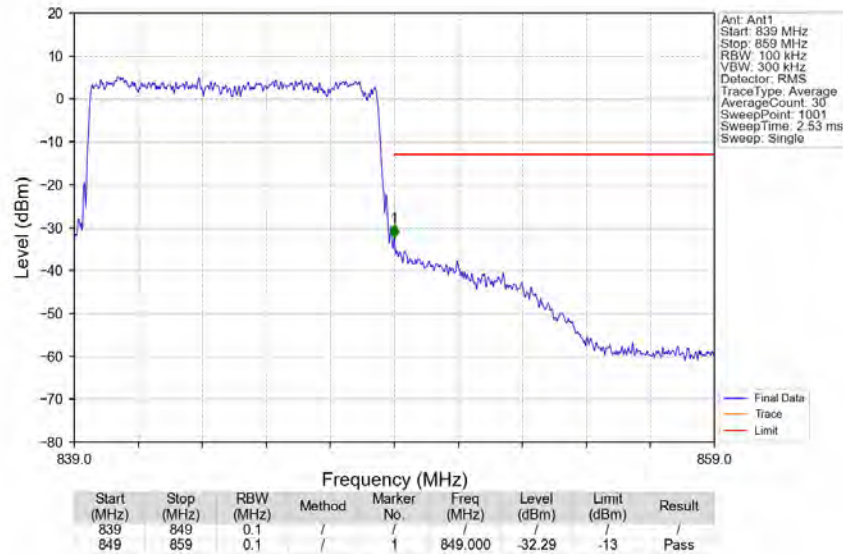
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Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



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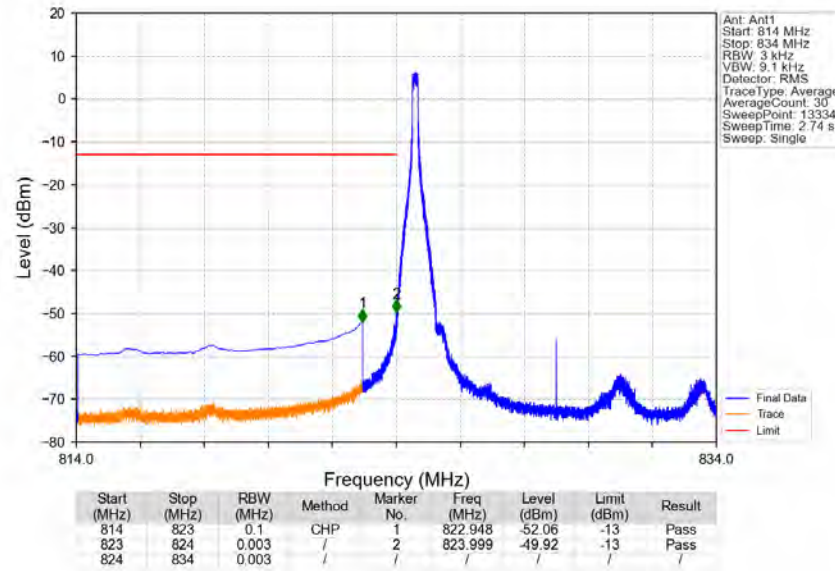


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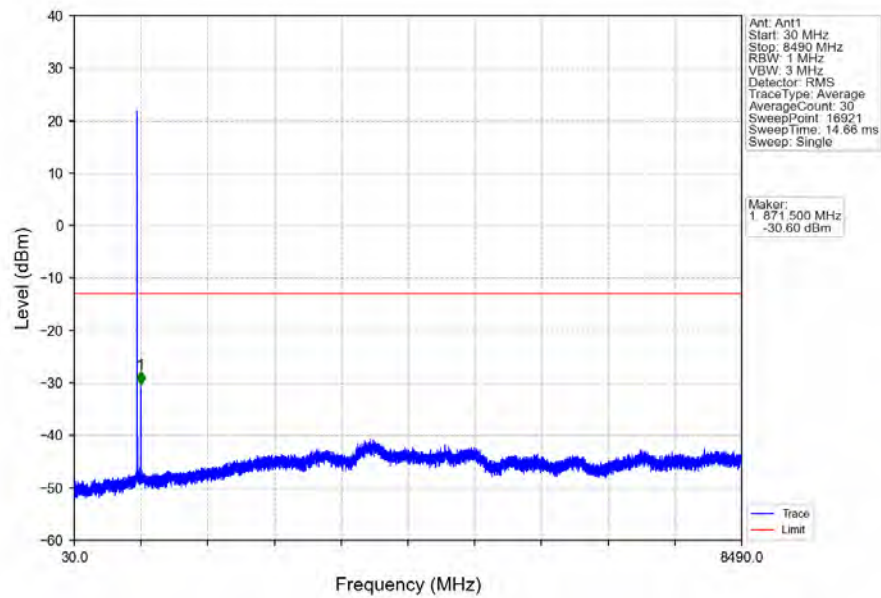
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Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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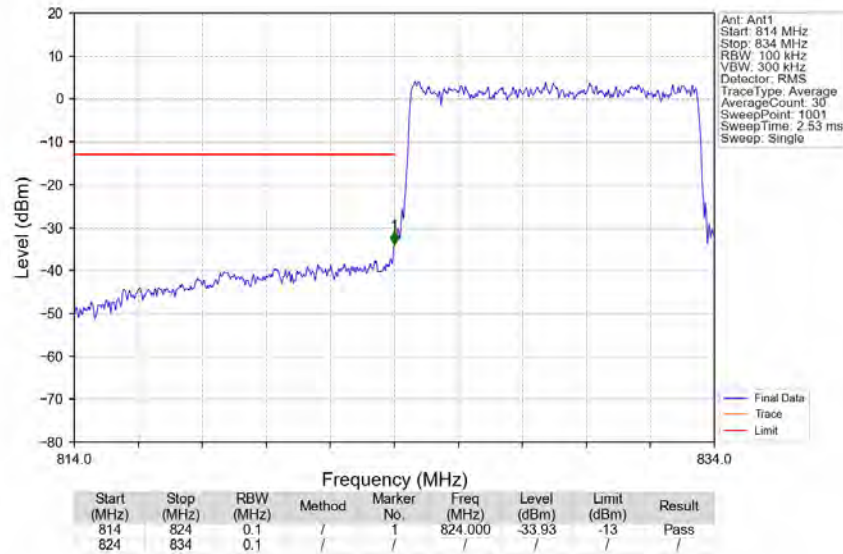


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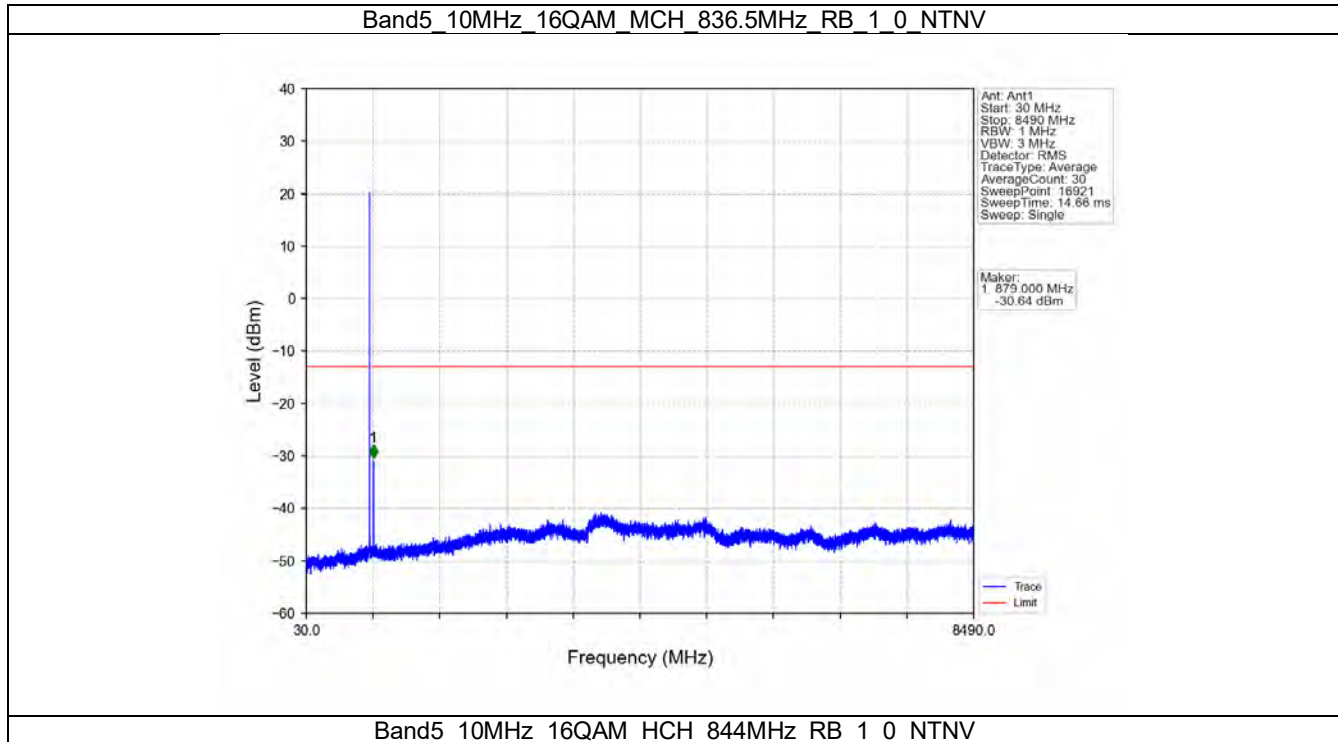


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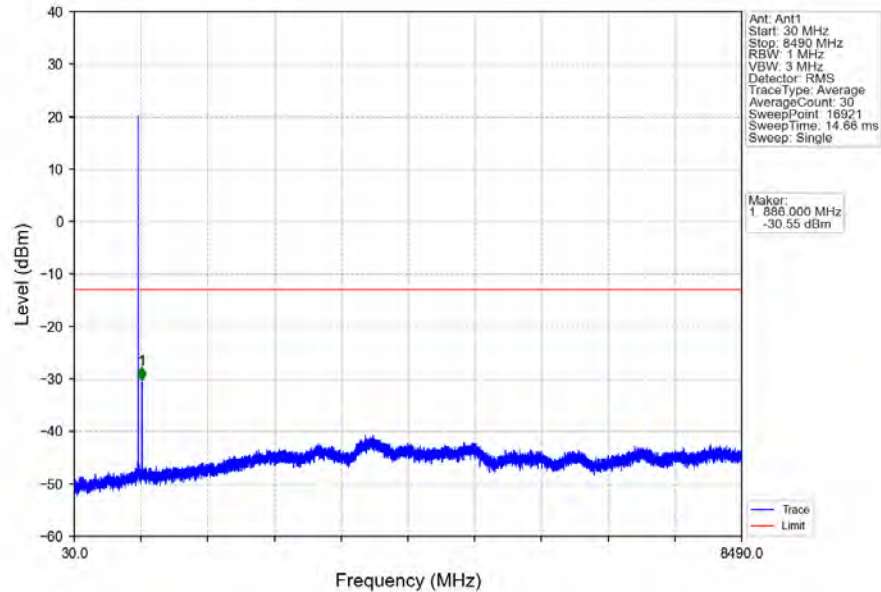


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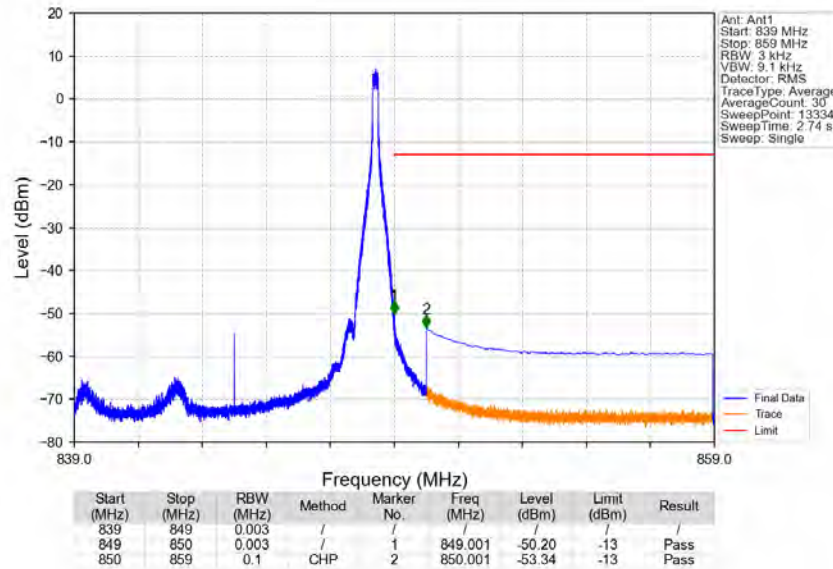
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Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



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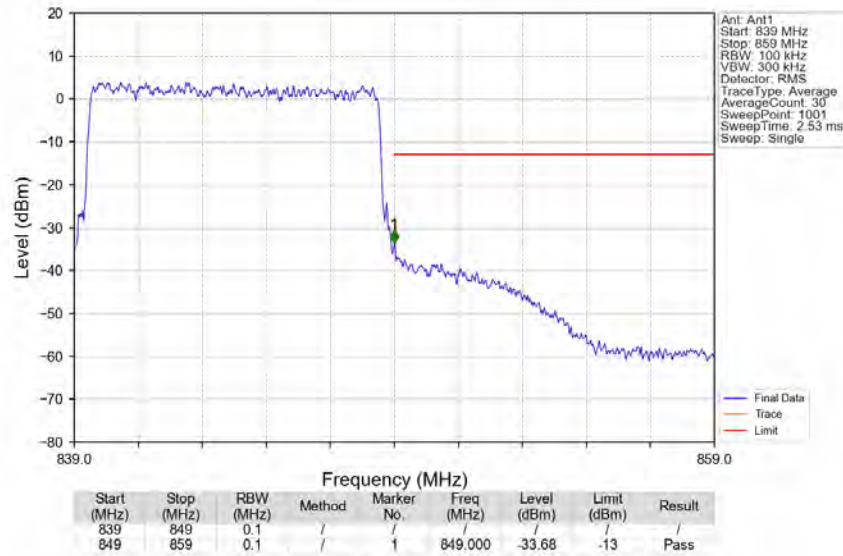


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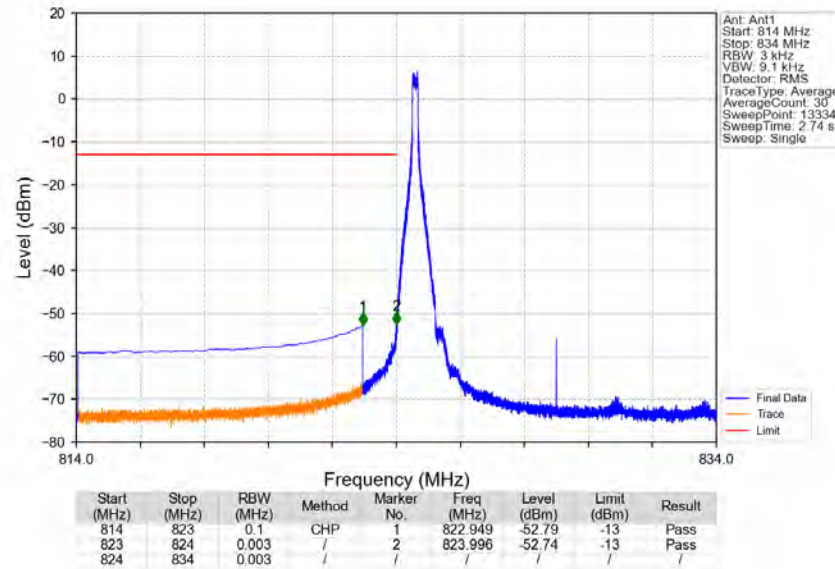
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Band5_10MHz_64QAM_LCH_829MHz_RB_1_0_NTNV



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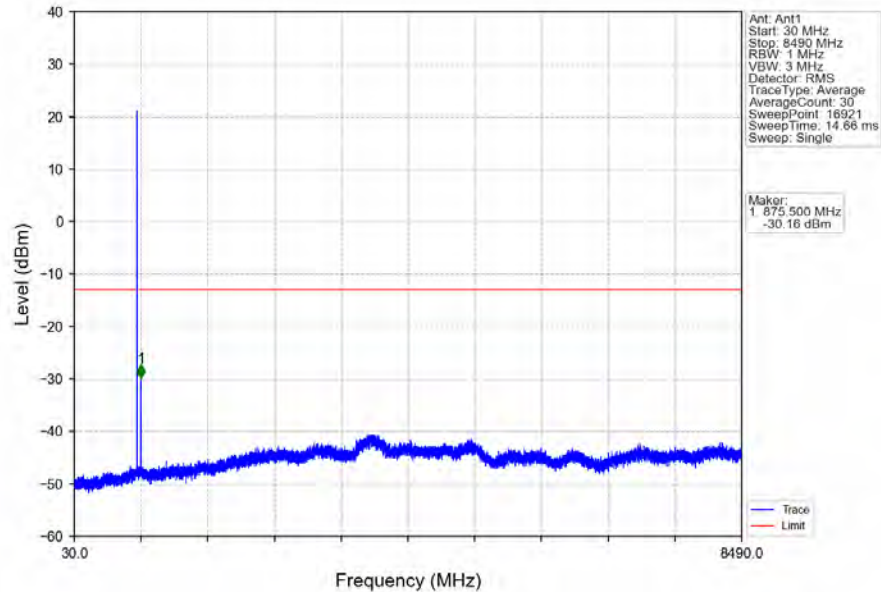


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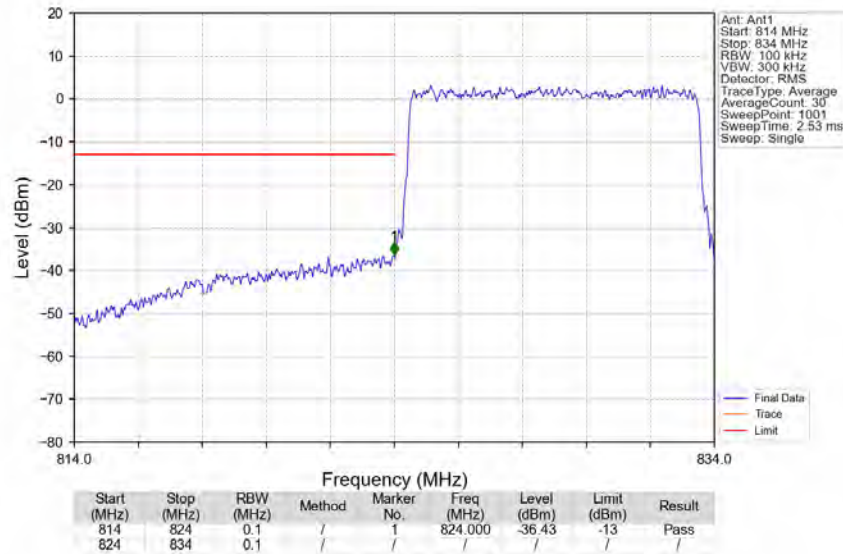
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Band5_10MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



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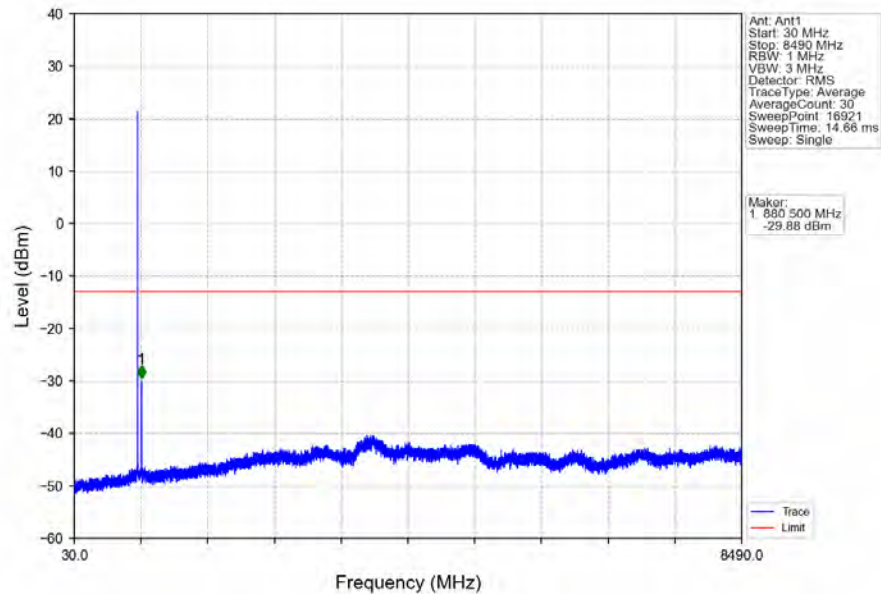


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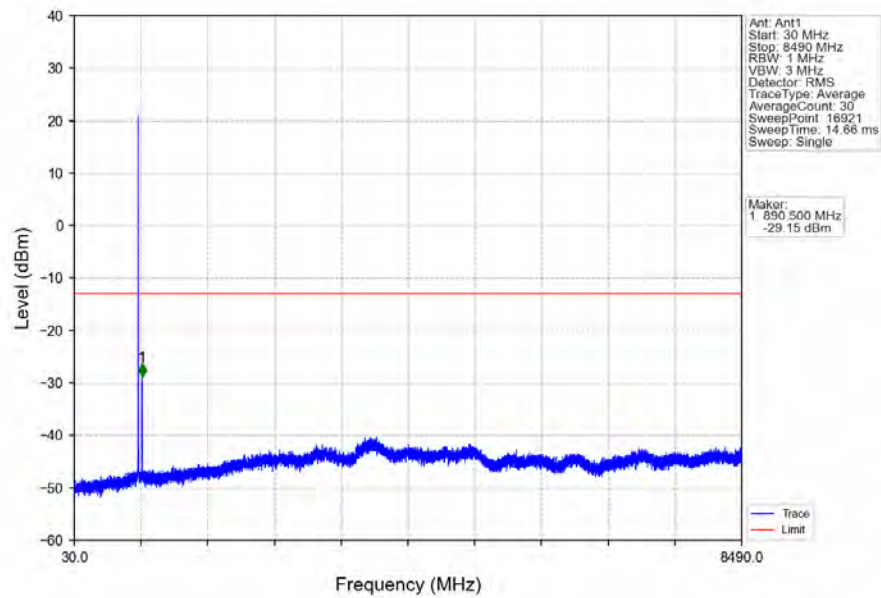
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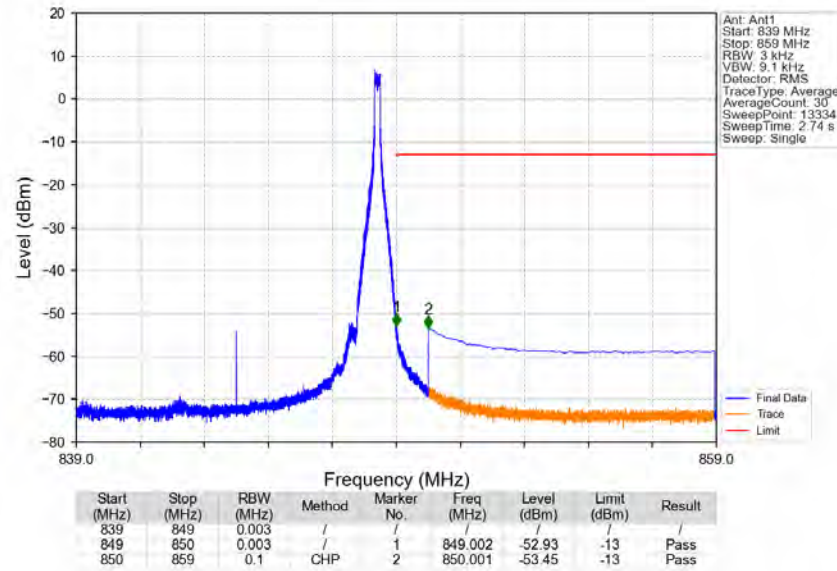


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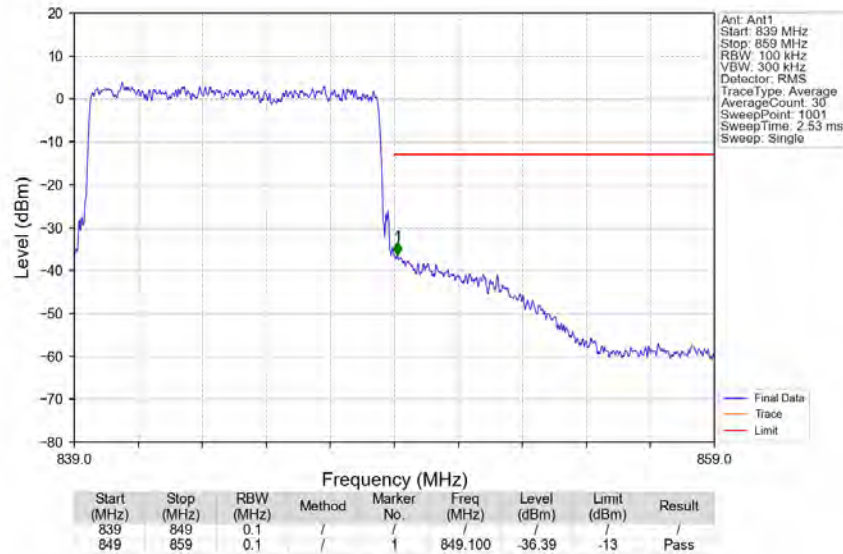
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Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_LCH_829MHz_RB_1_0_NTNV



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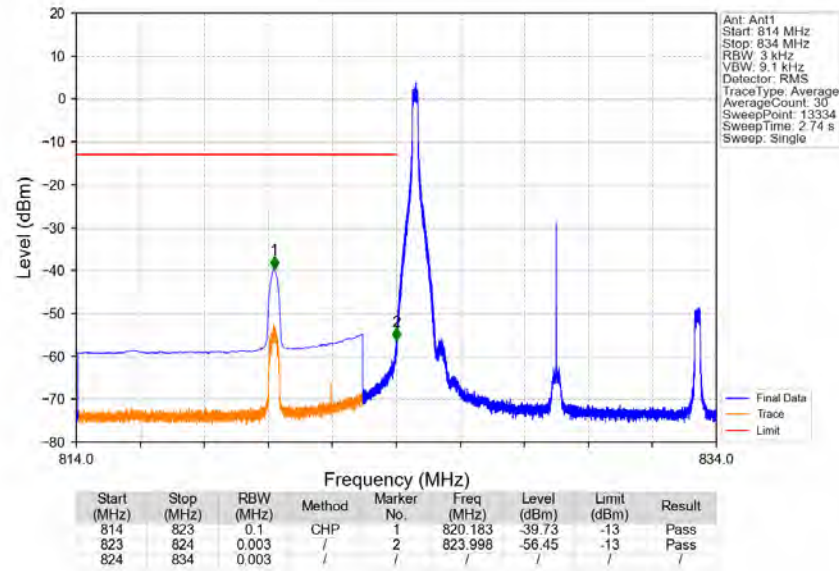


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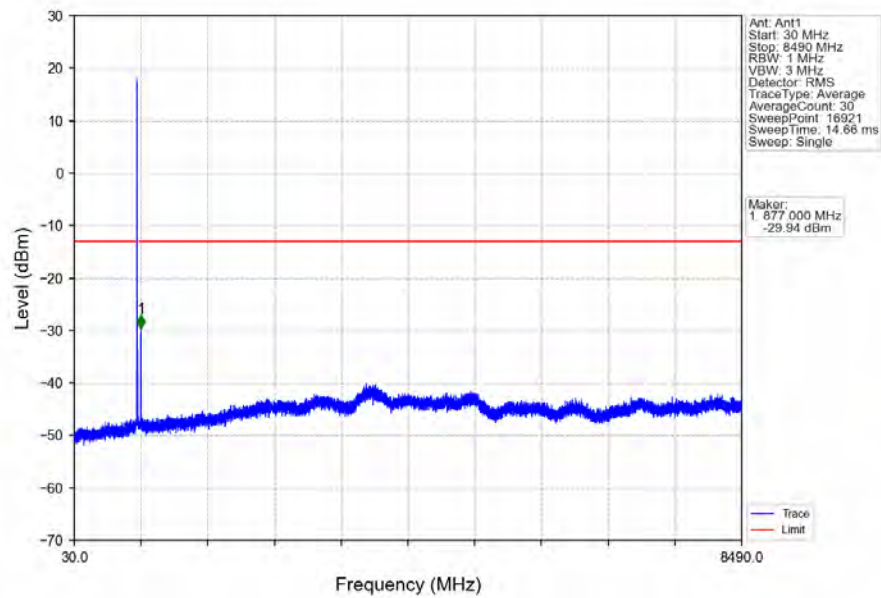
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Band5_10MHz_256QAM_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_256QAM_LCH_829MHz_RB_50_0_NTNV



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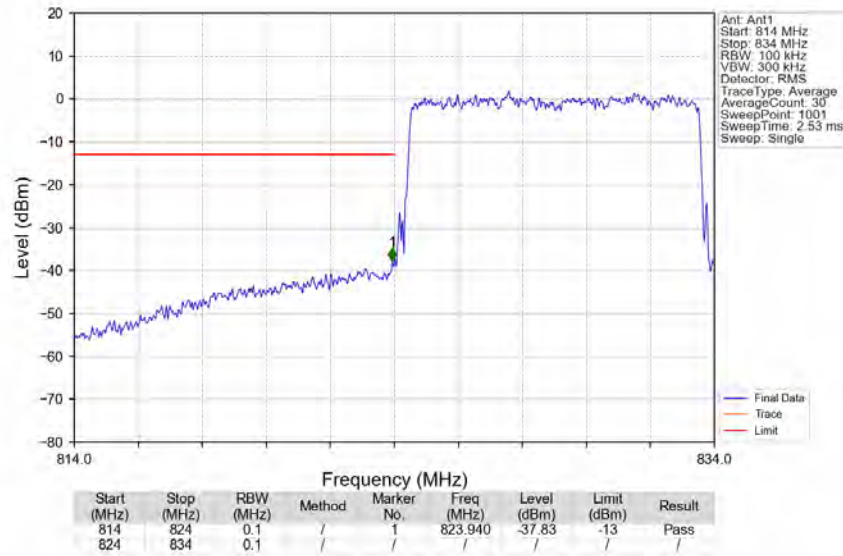


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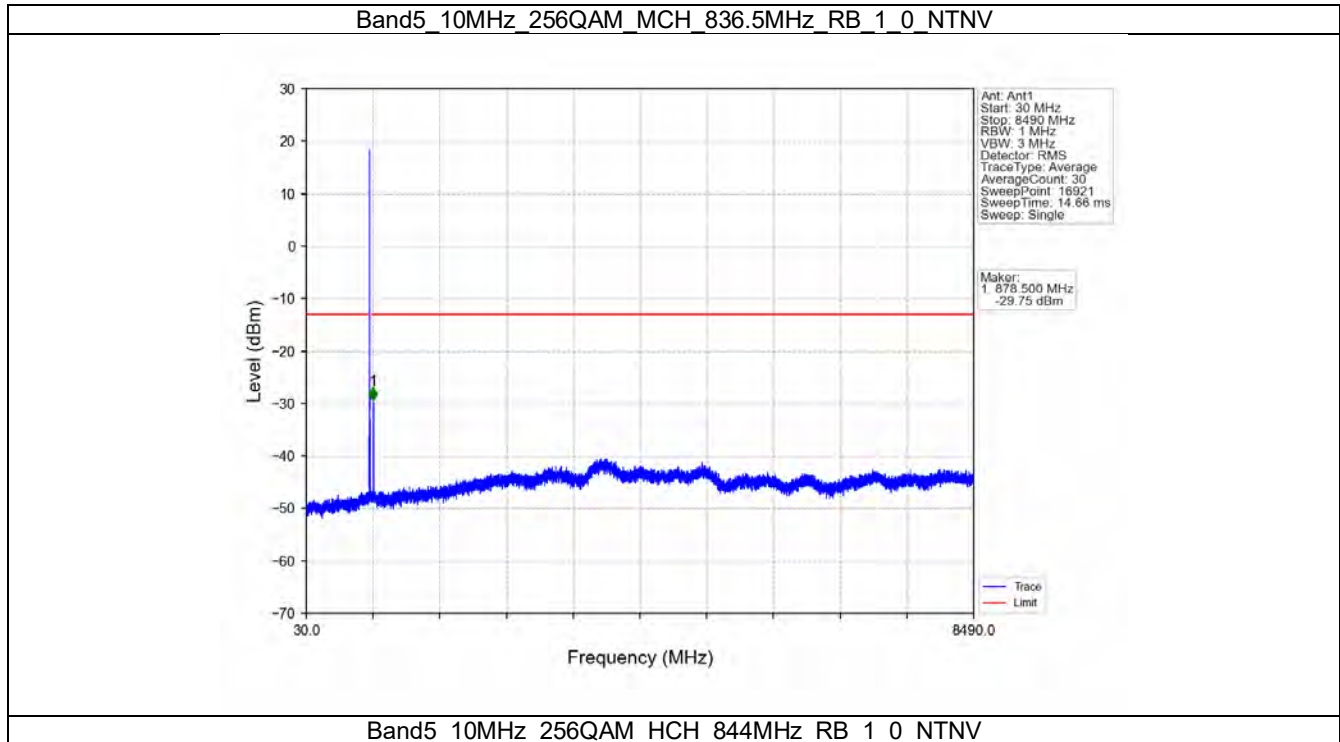


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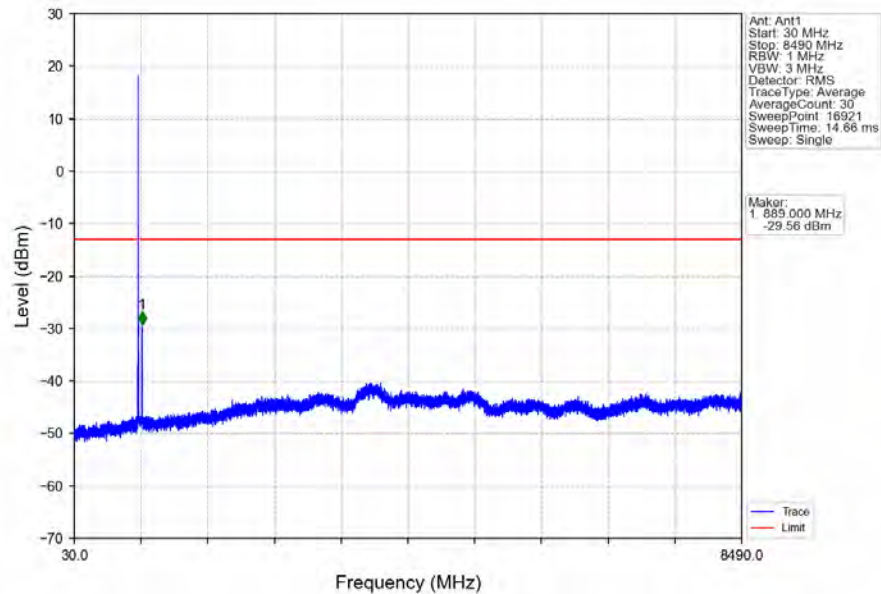


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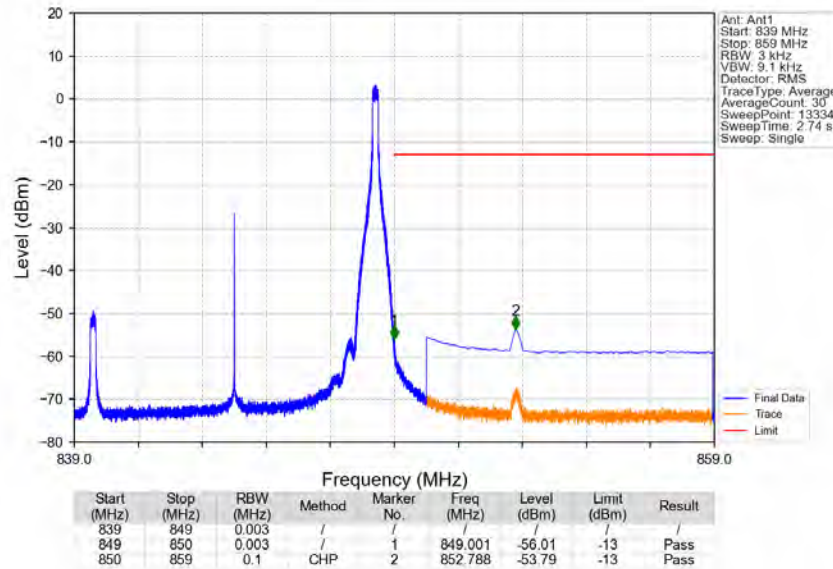
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Band5_10MHz_256QAM_HCH_844MHz_RB_1_49_NTNV



Band5_10MHz_256QAM_HCH_844MHz_RB_50_0_NTNV



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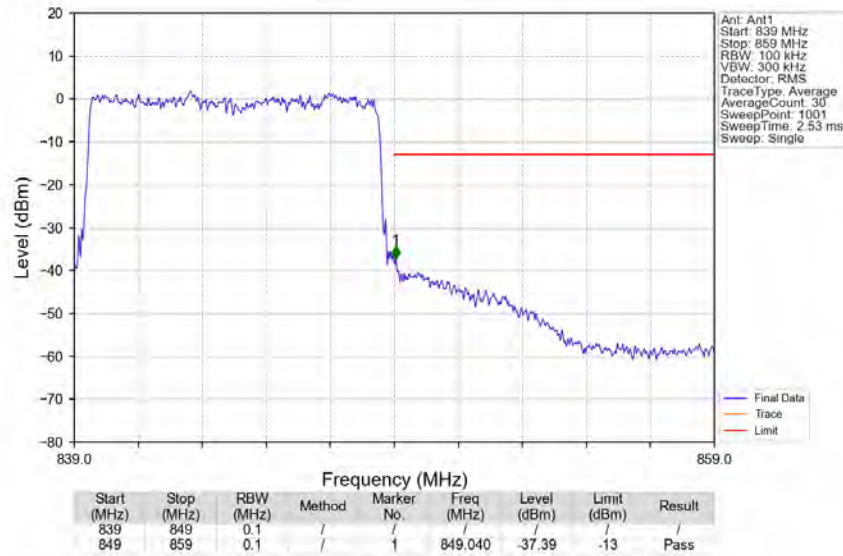


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6. Field Strength of Spurious Radiation

LTE Band 5-Low channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1649	-65.75	-13	-52.75	-69.625	2	5.88	Horizontal	Pass
2473.5	-46.62	-13	-33.62	-48.89	2.35	4.62	Horizontal	Pass
3298	-55.62	-13	-42.62	-59.58	2.96	6.92	Horizontal	Pass
1649	-64.02	-13	-51.02	-67.895	2	5.88	Vertical	Pass
2473.5	-46.50	-13	-33.50	-48.77	2.35	4.62	Vertical	Pass
3298	-54.34	-13	-41.34	-58.3	2.96	6.92	Vertical	Pass

LTE Band 5-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1664	-66.75	-13	-53.75	-70.625	2	5.88	Horizontal	Pass
2496	-58.68	-13	-45.68	-60.95	2.35	4.62	Horizontal	Pass
3328	-54.61	-13	-41.61	-58.57	2.96	6.92	Horizontal	Pass
1664	-63.52	-13	-50.52	-67.395	2	5.88	Vertical	Pass
2496	-58.21	-13	-45.21	-60.48	2.35	4.62	Vertical	Pass
3328	-54.35	-13	-41.35	-58.31	2.96	6.92	Vertical	Pass

LTE Band 5-High channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1679	-66.14	-13	-53.14	-70.015	2	5.88	Horizontal	Pass
2518.5	-59.89	-13	-46.89	-63.045	2.66	5.82	Horizontal	Pass
3358	-54.05	-13	-41.05	-58.01	2.96	6.92	Horizontal	Pass
1679	-63.63	-13	-50.63	-67.505	2	5.88	Vertical	Pass
2518.5	-59.72	-13	-46.72	-62.875	2.66	5.82	Vertical	Pass
3358	-53.99	-13	-40.99	-57.95	2.96	6.92	Vertical	Pass

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