



Appendix A.6

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

Band: 5 / Bandwidth: 1.4MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	22.62	-1.14	19.33	<=38.45	Pass
			2	22.64	-1.14	19.35	<=38.45	Pass
			5	22.62	-1.14	19.33	<=38.45	Pass
		3	0	22.62	-1.14	19.33	<=38.45	Pass
			2	22.72	-1.14	19.43	<=38.45	Pass
			3	22.69	-1.14	19.40	<=38.45	Pass
		6	0	21.71	-1.14	18.42	<=38.45	Pass
	836.5	1	0	22.56	-1.14	19.27	<=38.45	Pass
			2	22.70	-1.14	19.41	<=38.45	Pass
			5	22.59	-1.14	19.30	<=38.45	Pass
		3	0	22.62	-1.14	19.33	<=38.45	Pass
			2	22.68	-1.14	19.39	<=38.45	Pass
			3	22.65	-1.14	19.36	<=38.45	Pass
		6	0	21.63	-1.14	18.34	<=38.45	Pass
	848.3	1	0	22.67	-1.14	19.38	<=38.45	Pass
			2	22.61	-1.14	19.32	<=38.45	Pass
			5	22.62	-1.14	19.33	<=38.45	Pass
		3	0	22.74	-1.14	19.45	<=38.45	Pass
			2	22.74	-1.14	19.45	<=38.45	Pass
			3	22.72	-1.14	19.43	<=38.45	Pass
		6	0	21.65	-1.14	18.36	<=38.45	Pass
16QAM	824.7	1	0	21.86	-1.14	18.57	<=38.45	Pass
			2	21.77	-1.14	18.48	<=38.45	Pass
			5	21.97	-1.14	18.68	<=38.45	Pass
		3	0	21.82	-1.14	18.53	<=38.45	Pass
			2	21.74	-1.14	18.45	<=38.45	Pass
			3	21.70	-1.14	18.41	<=38.45	Pass
		6	0	20.70	-1.14	17.41	<=38.45	Pass
	836.5	1	0	21.94	-1.14	18.65	<=38.45	Pass
			2	21.83	-1.14	18.54	<=38.45	Pass
			5	21.95	-1.14	18.66	<=38.45	Pass
		3	0	21.58	-1.14	18.29	<=38.45	Pass
			2	21.79	-1.14	18.50	<=38.45	Pass
			3	21.79	-1.14	18.50	<=38.45	Pass
		6	0	20.69	-1.14	17.40	<=38.45	Pass
	848.3	1	0	22.03	-1.14	18.74	<=38.45	Pass
			2	21.75	-1.14	18.46	<=38.45	Pass
			5	22.00	-1.14	18.71	<=38.45	Pass
		3	0	21.80	-1.14	18.51	<=38.45	Pass
			2	21.92	-1.14	18.63	<=38.45	Pass

64QAM	824.7	6	3	21.84	-1.14	18.55	<=38.45	Pass
			0	20.77	-1.14	17.48	<=38.45	Pass
			0	21.71	-1.14	18.42	<=38.45	Pass
		1	2	21.67	-1.14	18.38	<=38.45	Pass
			5	21.51	-1.14	18.22	<=38.45	Pass
			0	21.60	-1.14	18.31	<=38.45	Pass
	836.5	3	2	21.76	-1.14	18.47	<=38.45	Pass
			3	21.74	-1.14	18.45	<=38.45	Pass
			0	20.64	-1.14	17.35	<=38.45	Pass
		1	0	21.66	-1.14	18.37	<=38.45	Pass
			2	21.79	-1.14	18.50	<=38.45	Pass
			5	21.79	-1.14	18.50	<=38.45	Pass
	848.3	3	0	21.61	-1.14	18.32	<=38.45	Pass
			2	21.74	-1.14	18.45	<=38.45	Pass
			3	21.49	-1.14	18.20	<=38.45	Pass
		6	0	20.69	-1.14	17.40	<=38.45	Pass
			0	21.64	-1.14	18.35	<=38.45	Pass
			2	21.75	-1.14	18.46	<=38.45	Pass
		1	5	21.88	-1.14	18.59	<=38.45	Pass
			0	21.78	-1.14	18.49	<=38.45	Pass
			2	21.85	-1.14	18.56	<=38.45	Pass
		3	3	21.83	-1.14	18.54	<=38.45	Pass
			0	20.75	-1.14	17.46	<=38.45	Pass
			0	17.94	-1.14	14.65	<=38.45	Pass
256QAM	824.7	1	2	17.83	-1.14	14.54	<=38.45	Pass
			5	17.81	-1.14	14.52	<=38.45	Pass
			0	17.68	-1.14	14.39	<=38.45	Pass
		3	2	17.79	-1.14	14.50	<=38.45	Pass
			3	17.68	-1.14	14.39	<=38.45	Pass
			0	17.65	-1.14	14.36	<=38.45	Pass
	836.5	1	0	17.62	-1.14	14.33	<=38.45	Pass
			2	17.91	-1.14	14.62	<=38.45	Pass
			5	17.71	-1.14	14.42	<=38.45	Pass
		3	0	17.67	-1.14	14.38	<=38.45	Pass
			2	17.78	-1.14	14.49	<=38.45	Pass
			3	17.83	-1.14	14.54	<=38.45	Pass
	848.3	6	0	17.67	-1.14	14.38	<=38.45	Pass
			0	17.91	-1.14	14.62	<=38.45	Pass
			2	17.57	-1.14	14.28	<=38.45	Pass
		1	5	17.71	-1.14	14.42	<=38.45	Pass
			0	17.48	-1.14	14.19	<=38.45	Pass
			2	17.88	-1.14	14.59	<=38.45	Pass
		3	3	17.80	-1.14	14.51	<=38.45	Pass
			0	17.75	-1.14	14.46	<=38.45	Pass
			0	17.75	-1.14	14.46	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B5_3MHz_ERP

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	22.64	-1.14	19.35	<=38.45	Pass
			7	22.71	-1.14	19.42	<=38.45	Pass
			14	22.56	-1.14	19.27	<=38.45	Pass
		8	0	21.74	-1.14	18.45	<=38.45	Pass
			4	21.75	-1.14	18.46	<=38.45	Pass
			7	21.66	-1.14	18.37	<=38.45	Pass
		15	0	21.65	-1.14	18.36	<=38.45	Pass
	836.5	1	0	22.36	-1.14	19.07	<=38.45	Pass
			7	22.69	-1.14	19.40	<=38.45	Pass
			14	22.62	-1.14	19.33	<=38.45	Pass
		8	0	21.66	-1.14	18.37	<=38.45	Pass
			4	21.69	-1.14	18.40	<=38.45	Pass
			7	21.74	-1.14	18.45	<=38.45	Pass
		15	0	21.55	-1.14	18.26	<=38.45	Pass
	847.5	1	0	22.77	-1.14	19.48	<=38.45	Pass
			7	22.79	-1.14	19.50	<=38.45	Pass
			14	22.72	-1.14	19.43	<=38.45	Pass
		8	0	21.81	-1.14	18.52	<=38.45	Pass
			4	21.78	-1.14	18.49	<=38.45	Pass
			7	21.79	-1.14	18.50	<=38.45	Pass
		15	0	21.75	-1.14	18.46	<=38.45	Pass
16QAM	825.5	1	0	21.93	-1.14	18.64	<=38.45	Pass
			7	22.27	-1.14	18.98	<=38.45	Pass
			14	21.79	-1.14	18.50	<=38.45	Pass
		8	0	20.76	-1.14	17.47	<=38.45	Pass
			4	20.75	-1.14	17.46	<=38.45	Pass
			7	20.75	-1.14	17.46	<=38.45	Pass
		15	0	20.74	-1.14	17.45	<=38.45	Pass
	836.5	1	0	21.99	-1.14	18.70	<=38.45	Pass
			7	21.89	-1.14	18.60	<=38.45	Pass
			14	21.91	-1.14	18.62	<=38.45	Pass
		8	0	20.71	-1.14	17.42	<=38.45	Pass
			4	20.88	-1.14	17.59	<=38.45	Pass
			7	20.76	-1.14	17.47	<=38.45	Pass
		15	0	20.78	-1.14	17.49	<=38.45	Pass
	847.5	1	0	21.79	-1.14	18.50	<=38.45	Pass
			7	21.80	-1.14	18.51	<=38.45	Pass
			14	21.86	-1.14	18.57	<=38.45	Pass
		8	0	20.82	-1.14	17.53	<=38.45	Pass
			4	20.89	-1.14	17.60	<=38.45	Pass
			7	20.82	-1.14	17.53	<=38.45	Pass
		15	0	20.80	-1.14	17.51	<=38.45	Pass
64QAM	825.5	1	0	21.59	-1.14	18.30	<=38.45	Pass
			7	22.12	-1.14	18.83	<=38.45	Pass
			14	21.83	-1.14	18.54	<=38.45	Pass
		8	0	20.71	-1.14	17.42	<=38.45	Pass
			4	20.73	-1.14	17.44	<=38.45	Pass
			7	20.75	-1.14	17.46	<=38.45	Pass
		15	0	20.74	-1.14	17.45	<=38.45	Pass
	836.5	1	0	21.68	-1.14	18.39	<=38.45	Pass
			7	21.85	-1.14	18.56	<=38.45	Pass
			14	21.29	-1.14	18.00	<=38.45	Pass
		8	0	20.69	-1.14	17.40	<=38.45	Pass

256QAM	847.5	15	4	20.80	-1.14	17.51	<=38.45	Pass
			7	20.70	-1.14	17.41	<=38.45	Pass
			0	20.69	-1.14	17.40	<=38.45	Pass
		1	0	21.91	-1.14	18.62	<=38.45	Pass
			7	21.78	-1.14	18.49	<=38.45	Pass
			14	21.79	-1.14	18.50	<=38.45	Pass
		8	0	20.77	-1.14	17.48	<=38.45	Pass
			4	20.86	-1.14	17.57	<=38.45	Pass
			7	20.77	-1.14	17.48	<=38.45	Pass
		15	0	20.78	-1.14	17.49	<=38.45	Pass
	825.5	1	0	17.74	-1.14	14.45	<=38.45	Pass
			7	17.86	-1.14	14.57	<=38.45	Pass
			14	17.71	-1.14	14.42	<=38.45	Pass
		8	0	17.77	-1.14	14.48	<=38.45	Pass
			4	17.74	-1.14	14.45	<=38.45	Pass
			7	17.72	-1.14	14.43	<=38.45	Pass
		15	0	17.76	-1.14	14.47	<=38.45	Pass
	836.5	1	0	17.73	-1.14	14.44	<=38.45	Pass
			7	17.80	-1.14	14.51	<=38.45	Pass
			14	17.61	-1.14	14.32	<=38.45	Pass
		8	0	17.65	-1.14	14.36	<=38.45	Pass
			4	17.81	-1.14	14.52	<=38.45	Pass
			7	17.50	-1.14	14.21	<=38.45	Pass
		15	0	17.74	-1.14	14.45	<=38.45	Pass
	847.5	1	0	17.85	-1.14	14.56	<=38.45	Pass
			7	17.91	-1.14	14.62	<=38.45	Pass
			14	18.03	-1.14	14.74	<=38.45	Pass
		8	0	17.83	-1.14	14.54	<=38.45	Pass
			4	17.82	-1.14	14.53	<=38.45	Pass
			7	17.86	-1.14	14.57	<=38.45	Pass
		15	0	17.81	-1.14	14.52	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B5_5MHz_ERP

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	22.63	-1.14	19.34	<=38.45	Pass
			13	22.63	-1.14	19.34	<=38.45	Pass
			24	22.66	-1.14	19.37	<=38.45	Pass
		12	0	21.69	-1.14	18.40	<=38.45	Pass
			6	21.73	-1.14	18.44	<=38.45	Pass
			13	21.63	-1.14	18.34	<=38.45	Pass
		25	0	21.75	-1.14	18.46	<=38.45	Pass
	836.5	1	0	22.52	-1.14	19.23	<=38.45	Pass
			13	22.63	-1.14	19.34	<=38.45	Pass
			24	22.74	-1.14	19.45	<=38.45	Pass
		12	0	21.65	-1.14	18.36	<=38.45	Pass
			6	21.64	-1.14	18.35	<=38.45	Pass
			13	21.72	-1.14	18.43	<=38.45	Pass

	846.5	25	0	21.58	-1.14	18.29	<=38.45	Pass
		1	0	22.80	-1.14	19.51	<=38.45	Pass
			13	22.68	-1.14	19.39	<=38.45	Pass
			24	22.72	-1.14	19.43	<=38.45	Pass
		12	0	21.68	-1.14	18.39	<=38.45	Pass
			6	21.78	-1.14	18.49	<=38.45	Pass
			13	21.83	-1.14	18.54	<=38.45	Pass
		25	0	21.72	-1.14	18.43	<=38.45	Pass
16QAM	826.5	1	0	21.93	-1.14	18.64	<=38.45	Pass
			13	21.94	-1.14	18.65	<=38.45	Pass
			24	21.95	-1.14	18.66	<=38.45	Pass
		12	0	20.73	-1.14	17.44	<=38.45	Pass
			6	20.76	-1.14	17.47	<=38.45	Pass
			13	20.66	-1.14	17.37	<=38.45	Pass
		25	0	20.73	-1.14	17.44	<=38.45	Pass
	836.5	1	0	21.81	-1.14	18.52	<=38.45	Pass
			13	21.88	-1.14	18.59	<=38.45	Pass
			24	22.00	-1.14	18.71	<=38.45	Pass
		12	0	20.66	-1.14	17.37	<=38.45	Pass
			6	20.74	-1.14	17.45	<=38.45	Pass
			13	20.73	-1.14	17.44	<=38.45	Pass
		25	0	20.66	-1.14	17.37	<=38.45	Pass
	846.5	1	0	22.15	-1.14	18.86	<=38.45	Pass
			13	22.06	-1.14	18.77	<=38.45	Pass
			24	21.98	-1.14	18.69	<=38.45	Pass
		12	0	20.81	-1.14	17.52	<=38.45	Pass
			6	20.74	-1.14	17.45	<=38.45	Pass
			13	20.91	-1.14	17.62	<=38.45	Pass
		25	0	20.76	-1.14	17.47	<=38.45	Pass
64QAM	826.5	1	0	21.73	-1.14	18.44	<=38.45	Pass
			13	21.85	-1.14	18.56	<=38.45	Pass
			24	21.76	-1.14	18.47	<=38.45	Pass
		12	0	20.76	-1.14	17.47	<=38.45	Pass
			6	20.72	-1.14	17.43	<=38.45	Pass
			13	20.71	-1.14	17.42	<=38.45	Pass
		25	0	20.74	-1.14	17.45	<=38.45	Pass
	836.5	1	0	21.76	-1.14	18.47	<=38.45	Pass
			13	21.78	-1.14	18.49	<=38.45	Pass
			24	21.64	-1.14	18.35	<=38.45	Pass
		12	0	20.74	-1.14	17.45	<=38.45	Pass
			6	20.69	-1.14	17.40	<=38.45	Pass
			13	20.64	-1.14	17.35	<=38.45	Pass
		25	0	20.68	-1.14	17.39	<=38.45	Pass
	846.5	1	0	21.89	-1.14	18.60	<=38.45	Pass
			13	22.11	-1.14	18.82	<=38.45	Pass
			24	21.87	-1.14	18.58	<=38.45	Pass
		12	0	20.70	-1.14	17.41	<=38.45	Pass
			6	20.72	-1.14	17.43	<=38.45	Pass
			13	20.75	-1.14	17.46	<=38.45	Pass
		25	0	20.78	-1.14	17.49	<=38.45	Pass
256QAM	826.5	1	0	17.69	-1.14	14.40	<=38.45	Pass
			13	17.75	-1.14	14.46	<=38.45	Pass
			24	17.76	-1.14	14.47	<=38.45	Pass

	836.5	12	0	17.72	-1.14	14.43	<=38.45	Pass
			6	17.80	-1.14	14.51	<=38.45	Pass
			13	17.74	-1.14	14.45	<=38.45	Pass
		25	0	17.69	-1.14	14.40	<=38.45	Pass
			0	17.73	-1.14	14.44	<=38.45	Pass
			13	17.91	-1.14	14.62	<=38.45	Pass
		12	24	17.81	-1.14	14.52	<=38.45	Pass
			0	17.56	-1.14	14.27	<=38.45	Pass
			6	17.80	-1.14	14.51	<=38.45	Pass
	846.5	1	13	17.83	-1.14	14.54	<=38.45	Pass
			25	17.66	-1.14	14.37	<=38.45	Pass
			0	17.85	-1.14	14.56	<=38.45	Pass
		12	13	17.92	-1.14	14.63	<=38.45	Pass
			24	17.77	-1.14	14.48	<=38.45	Pass
			0	17.79	-1.14	14.50	<=38.45	Pass
		25	6	17.88	-1.14	14.59	<=38.45	Pass
			13	17.70	-1.14	14.41	<=38.45	Pass
			0	17.79	-1.14	14.50	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	22.74	-1.14	19.45	<=38.45	Pass
			25	22.68	-1.14	19.39	<=38.45	Pass
			49	22.67	-1.14	19.38	<=38.45	Pass
		25	0	21.72	-1.14	18.43	<=38.45	Pass
			13	21.76	-1.14	18.47	<=38.45	Pass
			25	21.75	-1.14	18.46	<=38.45	Pass
		50	0	21.73	-1.14	18.44	<=38.45	Pass
			0	22.73	-1.14	19.44	<=38.45	Pass
			25	22.82	-1.14	19.53	<=38.45	Pass
	836.5	1	49	22.67	-1.14	19.38	<=38.45	Pass
			0	21.71	-1.14	18.42	<=38.45	Pass
			13	21.71	-1.14	18.42	<=38.45	Pass
		25	25	21.75	-1.14	18.46	<=38.45	Pass
			0	21.76	-1.14	18.47	<=38.45	Pass
			0	22.56	-1.14	19.27	<=38.45	Pass
		1	25	22.71	-1.14	19.42	<=38.45	Pass
			49	22.57	-1.14	19.28	<=38.45	Pass
			0	21.68	-1.14	18.39	<=38.45	Pass
	844	25	13	21.67	-1.14	18.38	<=38.45	Pass
			25	21.64	-1.14	18.35	<=38.45	Pass
			0	21.71	-1.14	18.42	<=38.45	Pass
16QAM	829	1	0	21.87	-1.14	18.58	<=38.45	Pass
			25	22.04	-1.14	18.75	<=38.45	Pass
			49	21.74	-1.14	18.45	<=38.45	Pass
		25	0	20.61	-1.14	17.32	<=38.45	Pass
			13	20.72	-1.14	17.43	<=38.45	Pass
			0	20.72	-1.14	17.43	<=38.45	Pass

		50	25	20.68	-1.14	17.39	<=38.45	Pass
			0	20.69	-1.14	17.40	<=38.45	Pass
			0	22.04	-1.14	18.75	<=38.45	Pass
	836.5	1	25	21.88	-1.14	18.59	<=38.45	Pass
			49	21.84	-1.14	18.55	<=38.45	Pass
			0	20.70	-1.14	17.41	<=38.45	Pass
		25	13	20.59	-1.14	17.30	<=38.45	Pass
			25	20.73	-1.14	17.44	<=38.45	Pass
			0	20.75	-1.14	17.46	<=38.45	Pass
	844	1	0	21.86	-1.14	18.57	<=38.45	Pass
			25	21.79	-1.14	18.50	<=38.45	Pass
			49	21.87	-1.14	18.58	<=38.45	Pass
		25	0	20.71	-1.14	17.42	<=38.45	Pass
			13	20.77	-1.14	17.48	<=38.45	Pass
			25	20.67	-1.14	17.38	<=38.45	Pass
64QAM	829	1	0	20.73	-1.14	17.44	<=38.45	Pass
			0	21.71	-1.14	18.42	<=38.45	Pass
			25	21.74	-1.14	18.45	<=38.45	Pass
		25	49	21.78	-1.14	18.49	<=38.45	Pass
			0	20.57	-1.14	17.28	<=38.45	Pass
			13	20.81	-1.14	17.52	<=38.45	Pass
			25	20.71	-1.14	17.42	<=38.45	Pass
		50	0	20.79	-1.14	17.50	<=38.45	Pass
	836.5	1	0	21.72	-1.14	18.43	<=38.45	Pass
			25	21.78	-1.14	18.49	<=38.45	Pass
			49	21.36	-1.14	18.07	<=38.45	Pass
		25	0	20.73	-1.14	17.44	<=38.45	Pass
			13	20.70	-1.14	17.41	<=38.45	Pass
			25	20.76	-1.14	17.47	<=38.45	Pass
		50	0	20.64	-1.14	17.35	<=38.45	Pass
	844	1	0	21.86	-1.14	18.57	<=38.45	Pass
			25	21.60	-1.14	18.31	<=38.45	Pass
			49	21.79	-1.14	18.50	<=38.45	Pass
		25	0	20.76	-1.14	17.47	<=38.45	Pass
			13	20.69	-1.14	17.40	<=38.45	Pass
			25	20.73	-1.14	17.44	<=38.45	Pass
256QAM	829	1	0	20.72	-1.14	17.43	<=38.45	Pass
			0	17.72	-1.14	14.43	<=38.45	Pass
			25	17.79	-1.14	14.50	<=38.45	Pass
		25	49	18.31	-1.14	15.02	<=38.45	Pass
			0	17.09	-1.14	13.80	<=38.45	Pass
			13	17.78	-1.14	14.49	<=38.45	Pass
			25	17.87	-1.14	14.58	<=38.45	Pass
		50	0	17.86	-1.14	14.57	<=38.45	Pass
	836.5	1	0	17.74	-1.14	14.45	<=38.45	Pass
			25	17.79	-1.14	14.50	<=38.45	Pass
			49	17.37	-1.14	14.08	<=38.45	Pass
		25	0	18.33	-1.14	15.04	<=38.45	Pass
			13	17.75	-1.14	14.46	<=38.45	Pass
			25	17.81	-1.14	14.52	<=38.45	Pass
		50	0	17.78	-1.14	14.49	<=38.45	Pass
	844	1	0	17.65	-1.14	14.36	<=38.45	Pass
			25	17.73	-1.14	14.44	<=38.45	Pass



Report No.: SUCR260400031709

Page: 8 of 53

			49	17.75	-1.14	14.46	<=38.45	Pass
		25	0	17.73	-1.14	14.44	<=38.45	Pass
			13	17.73	-1.14	14.44	<=38.45	Pass
			25	17.74	-1.14	14.45	<=38.45	Pass
		50	0	17.78	-1.14	14.49	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	836.5	50	0	20	LV	0.577	0.0007	-2.5 to 2.5	Pass
					NV	0.780	0.0009	-2.5 to 2.5	Pass
					HV	0.019	0.0000	-2.5 to 2.5	Pass
				-30	NV	0.976	0.0012	-2.5 to 2.5	Pass
				-20	NV	1.952	0.0023	-2.5 to 2.5	Pass
				-10	NV	0.160	0.0002	-2.5 to 2.5	Pass
				0	NV	0.716	0.0009	-2.5 to 2.5	Pass
				10	NV	0.520	0.0006	-2.5 to 2.5	Pass
				30	NV	-1.172	-0.0014	-2.5 to 2.5	Pass
				40	NV	-0.718	-0.0009	-2.5 to 2.5	Pass
				50	NV	-1.333	-0.0016	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.090	/	Pass
	16QAM	836.5	6	0	1.091	/	Pass
	64QAM	836.5	6	0	1.090	/	Pass
	256QAM	836.5	6	0	1.087	/	Pass
3	QPSK	836.5	15	0	2.686	/	Pass
	16QAM	836.5	15	0	2.690	/	Pass
	64QAM	836.5	15	0	2.685	/	Pass
	256QAM	836.5	15	0	2.687	/	Pass
5	QPSK	836.5	25	0	4.520	/	Pass
	16QAM	836.5	25	0	4.525	/	Pass



Report No.: SUCR260400031709

Page: 9 of 53

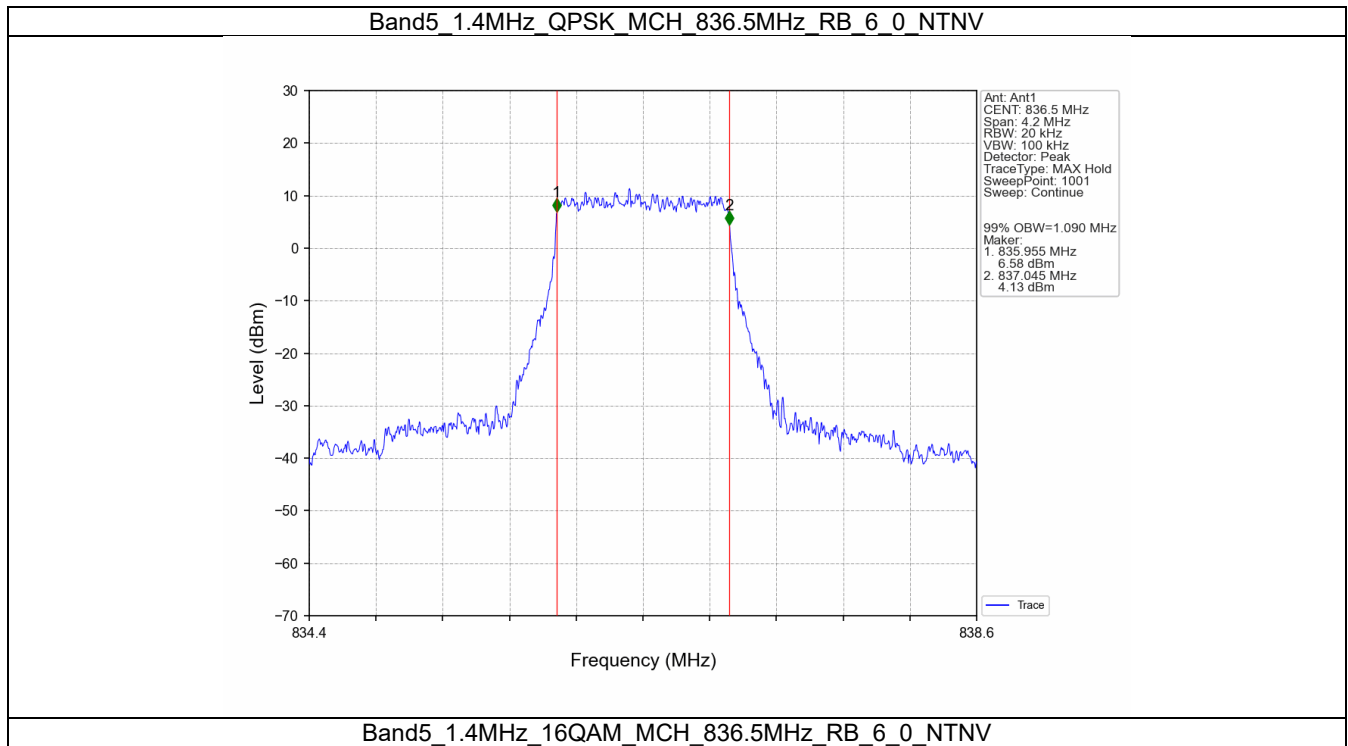
10	64QAM	836.5	25	0	4.538	/	Pass
	256QAM	836.5	25	0	4.523	/	Pass
	QPSK	836.5	50	0	8.945	/	Pass
	16QAM	836.5	50	0	8.940	/	Pass
	64QAM	836.5	50	0	8.946	/	Pass
	256QAM	836.5	50	0	8.943	/	Pass

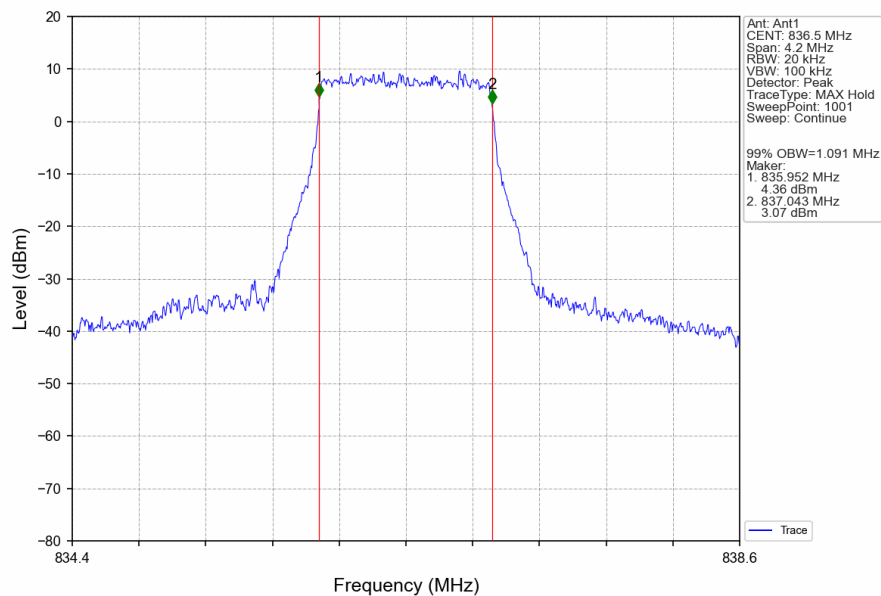
3.1.2 Band5_XDB

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.317	/	Pass
	16QAM	836.5	6	0	1.329	/	Pass
	64QAM	836.5	6	0	1.326	/	Pass
	256QAM	836.5	6	0	1.310	/	Pass
3	QPSK	836.5	15	0	3.004	/	Pass
	16QAM	836.5	15	0	2.975	/	Pass
	64QAM	836.5	15	0	2.988	/	Pass
	256QAM	836.5	15	0	2.946	/	Pass
5	QPSK	836.5	25	0	5.085	/	Pass
	16QAM	836.5	25	0	5.139	/	Pass
	64QAM	836.5	25	0	5.200	/	Pass
	256QAM	836.5	25	0	5.129	/	Pass
10	QPSK	836.5	50	0	9.699	/	Pass
	16QAM	836.5	50	0	9.722	/	Pass
	64QAM	836.5	50	0	9.787	/	Pass
	256QAM	836.5	50	0	9.751	/	Pass

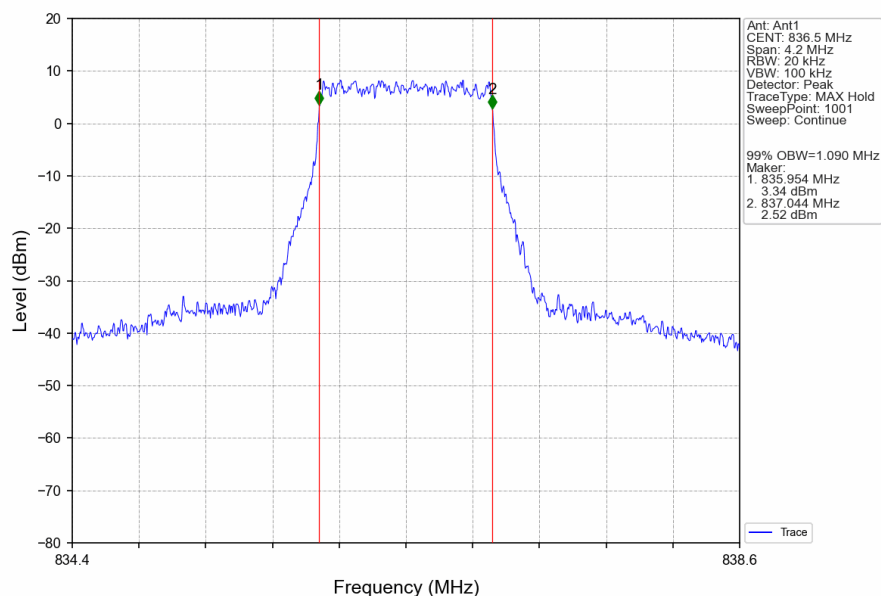
3.2 Test Graph

3.2.1 Band5_OBW

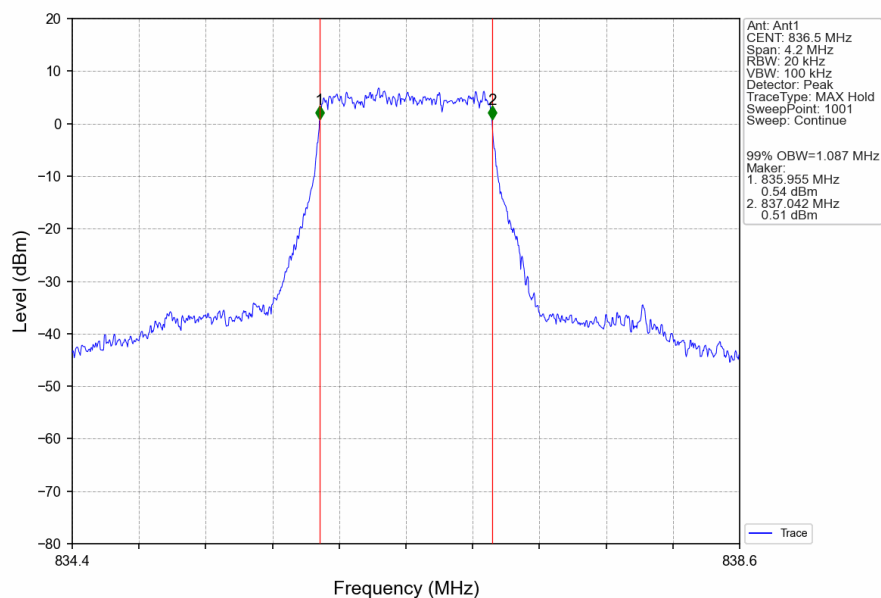




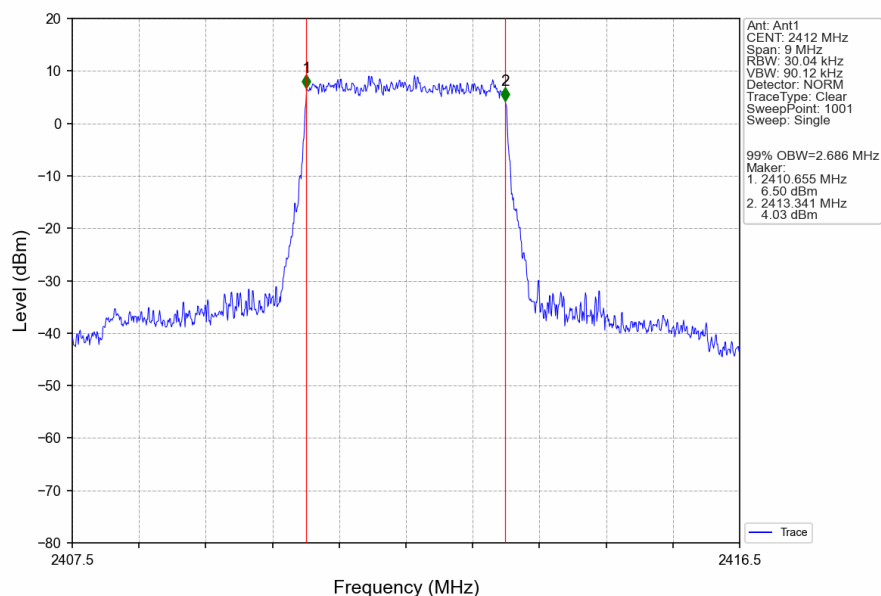
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



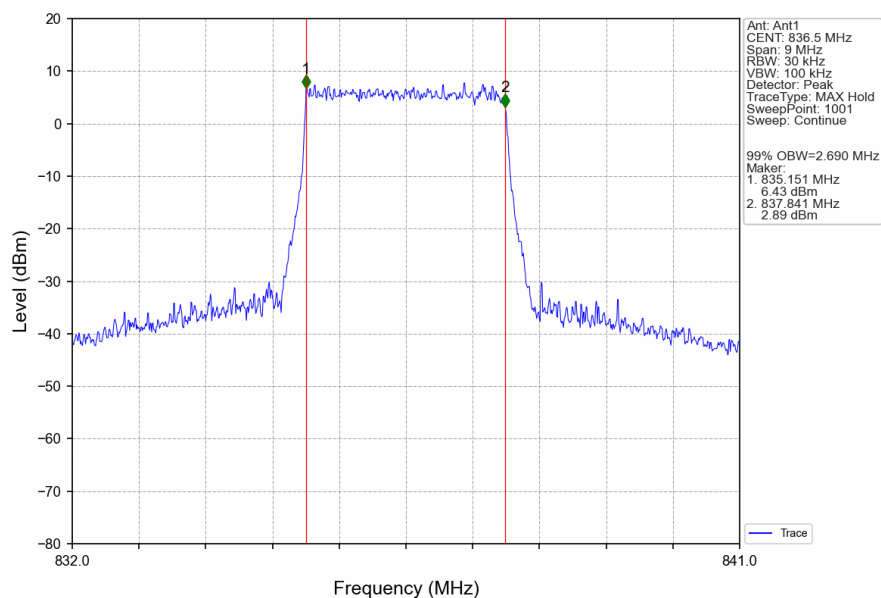
Band5_1.4MHz_256QAM_MCH_836.5MHz_RB_6_0_NTNV



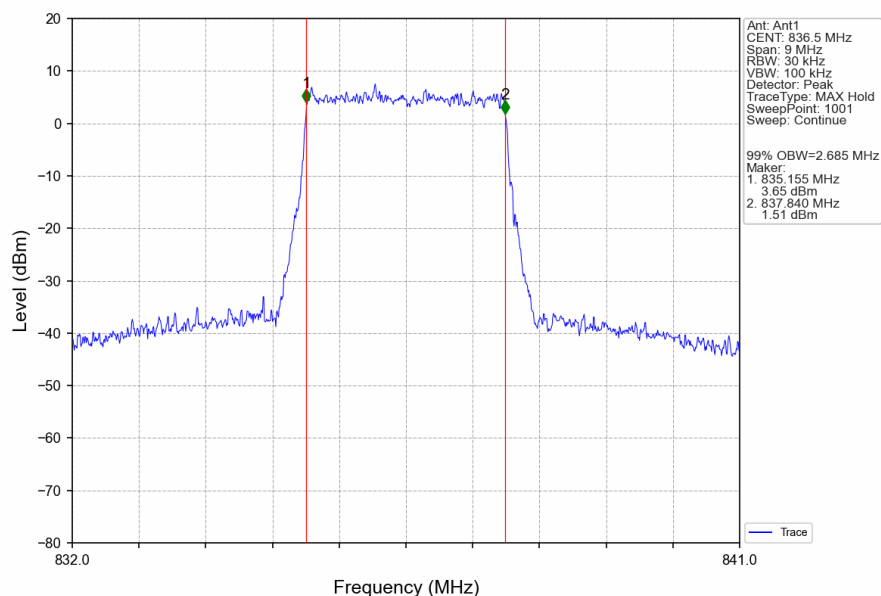
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



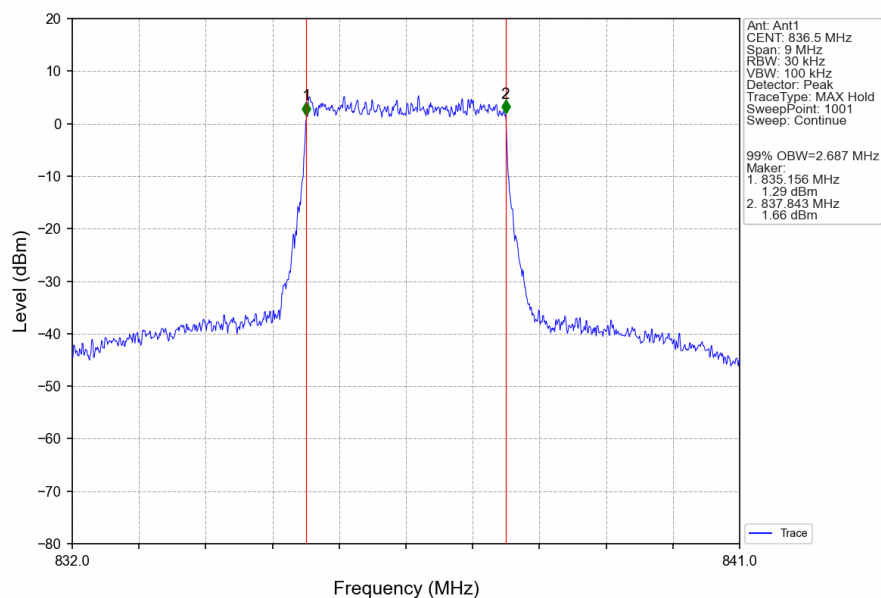
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



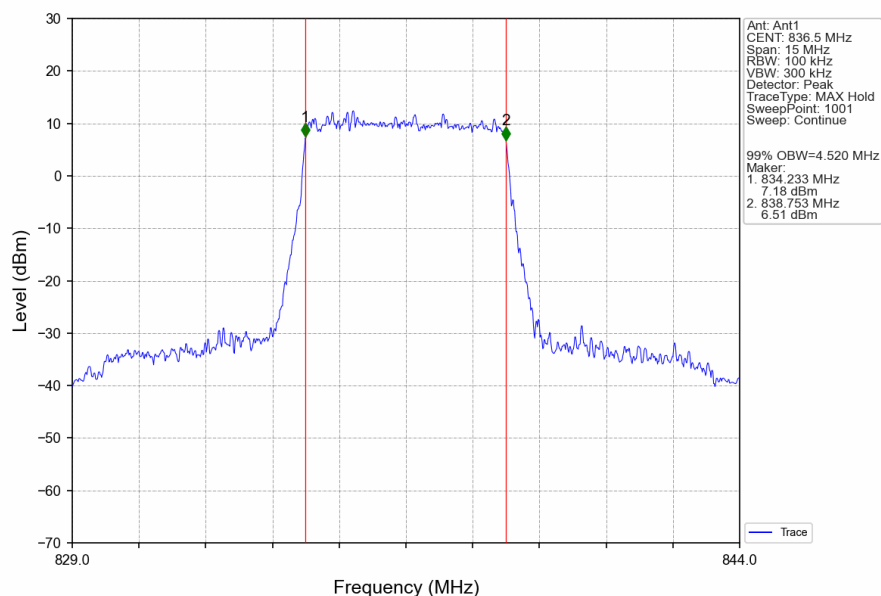
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



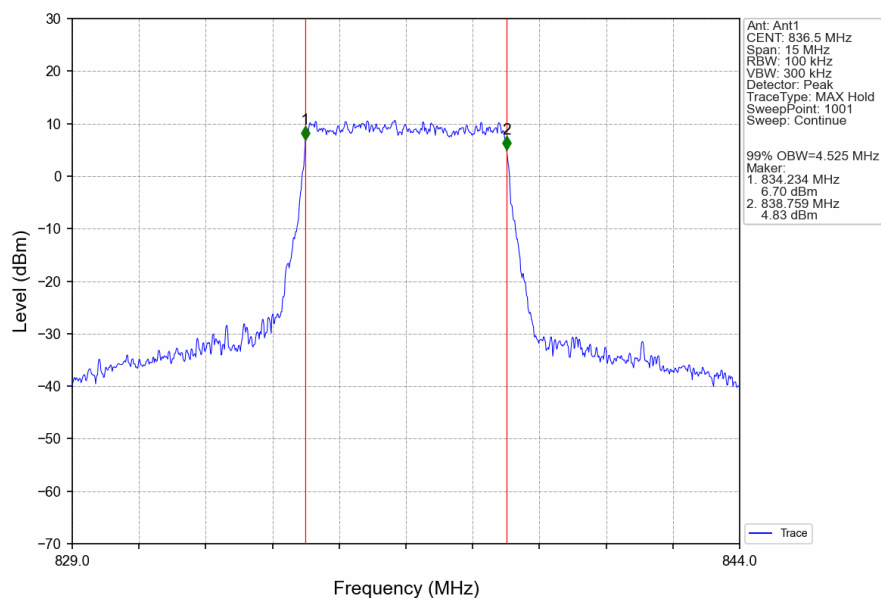
Band5_3MHz_256QAM_MCH_836.5MHz_RB_15_0_NTNV



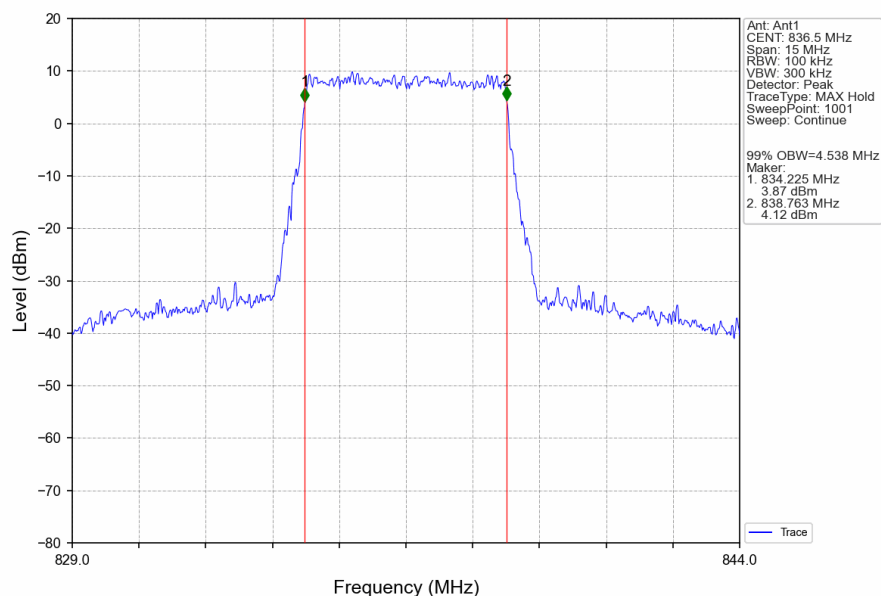
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



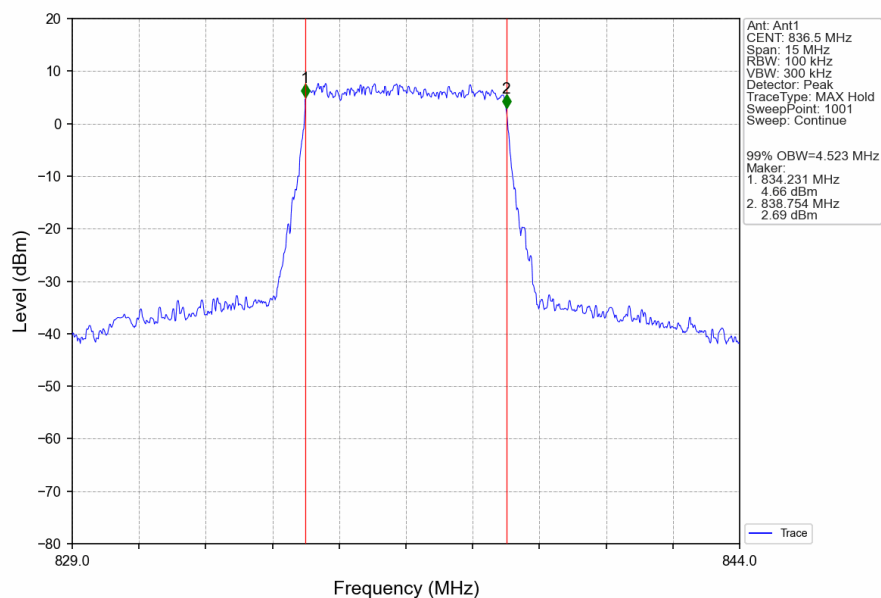
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



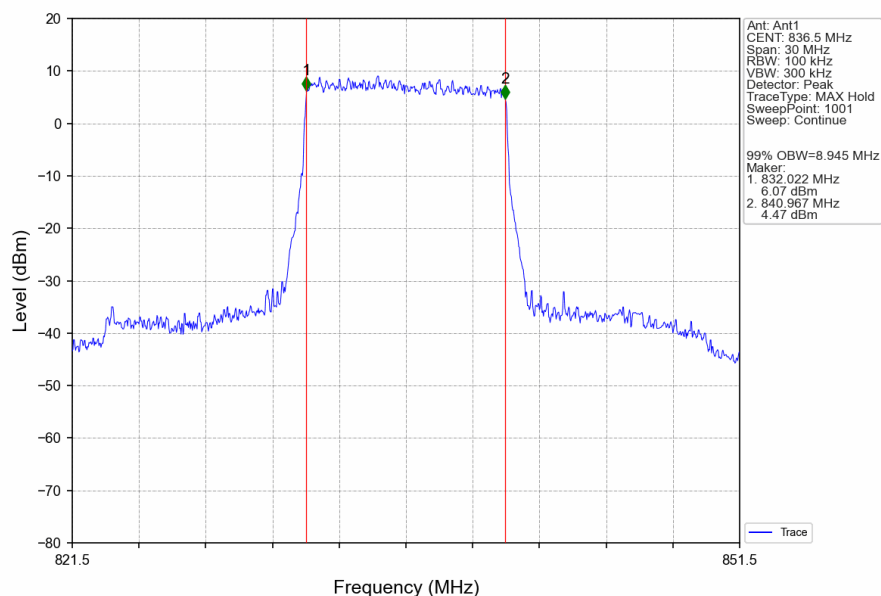
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



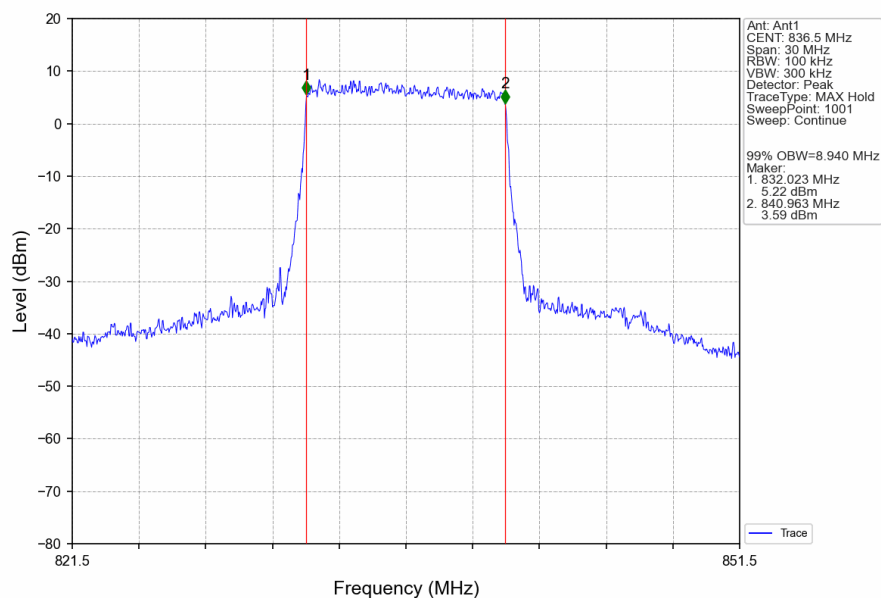
Band5_5MHz_256QAM_MCH_836.5MHz_RB_25_0_NTNV



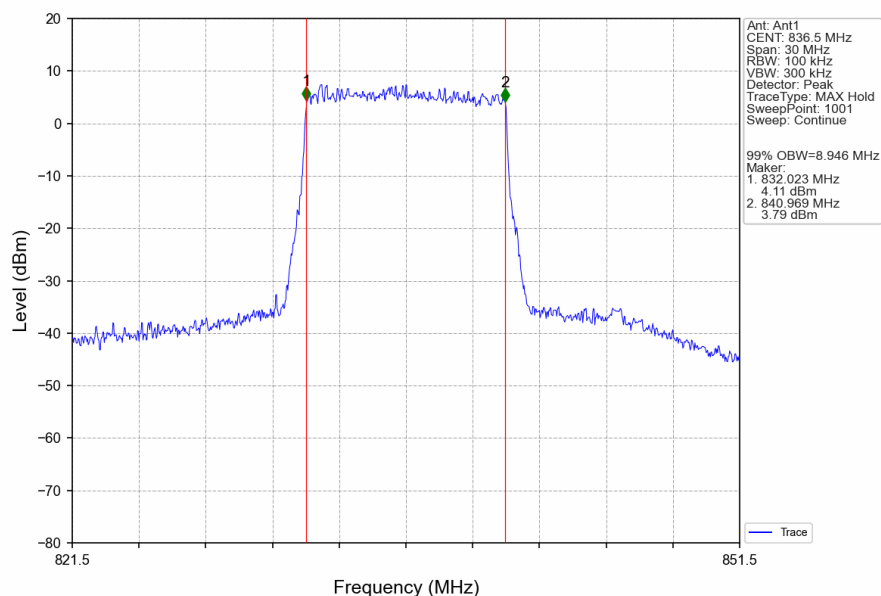
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



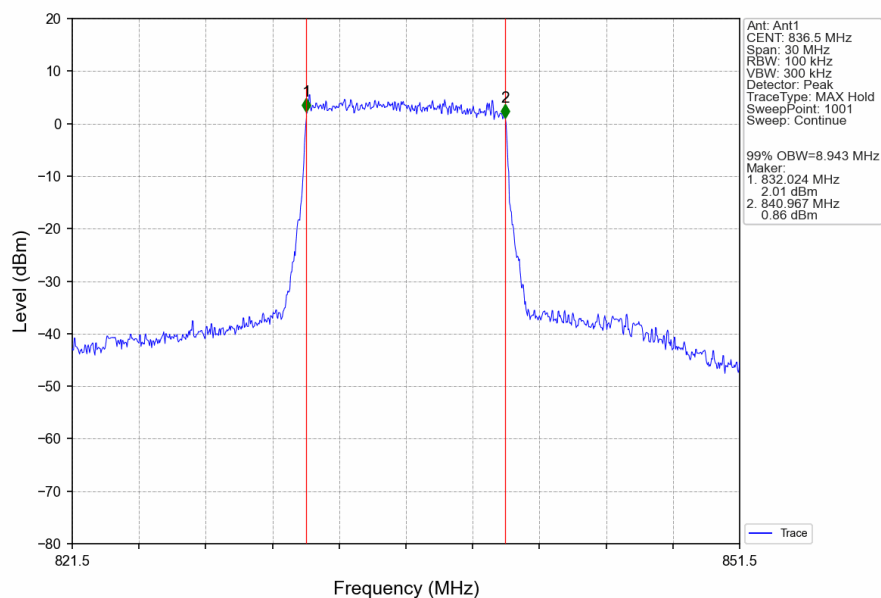
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



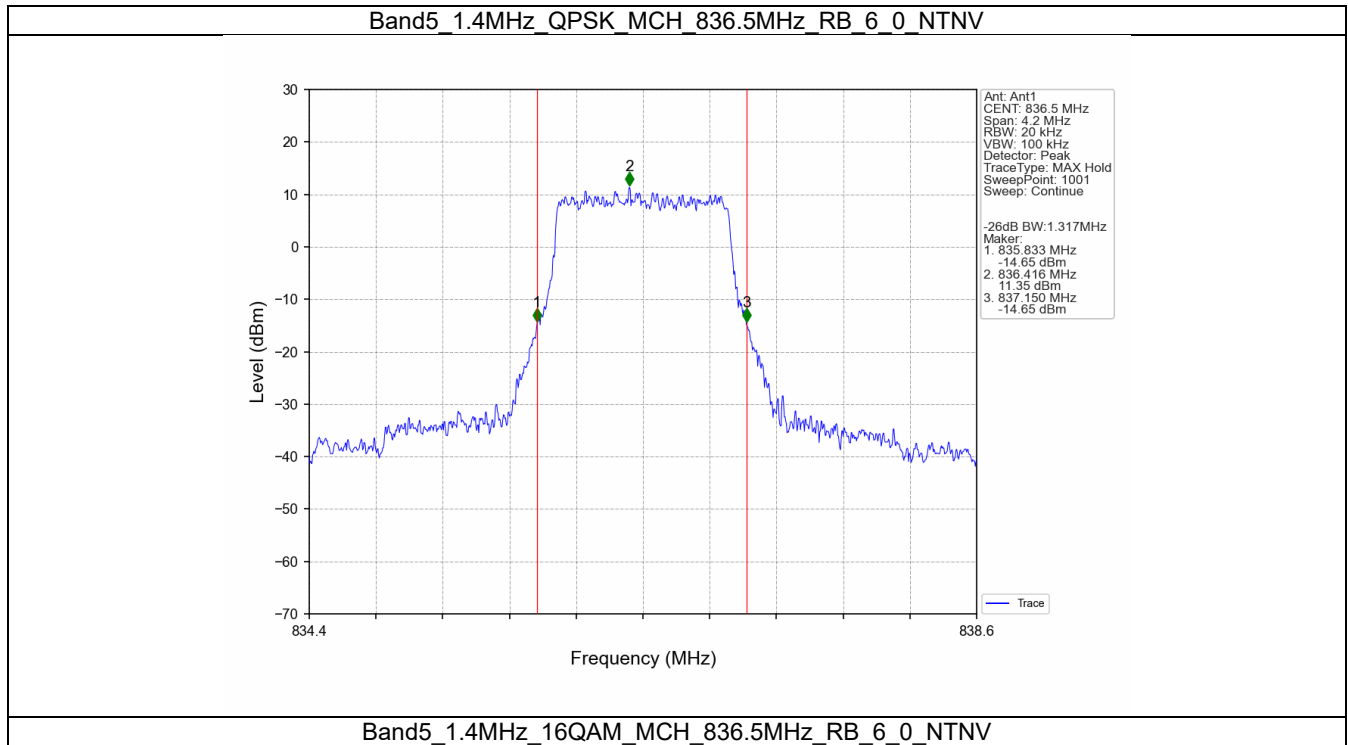
Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV

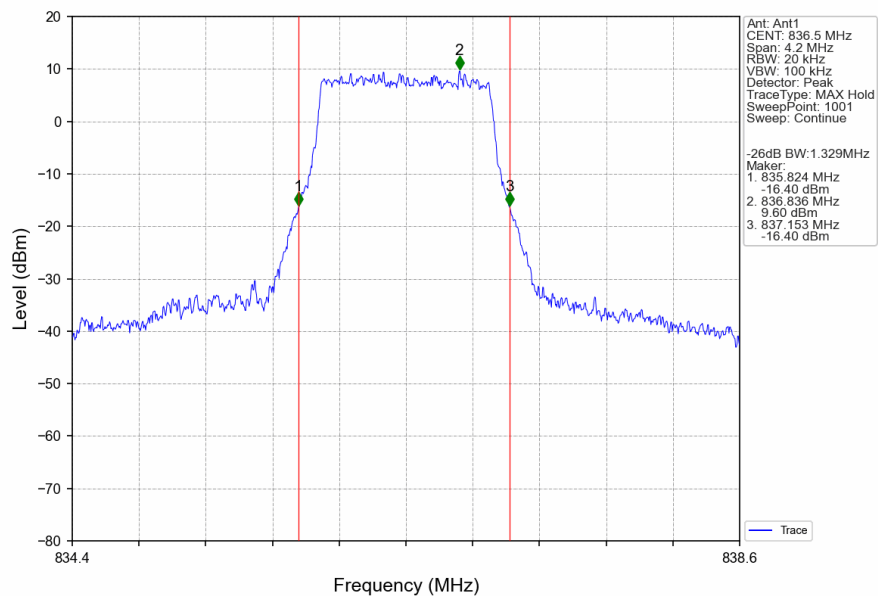


Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV

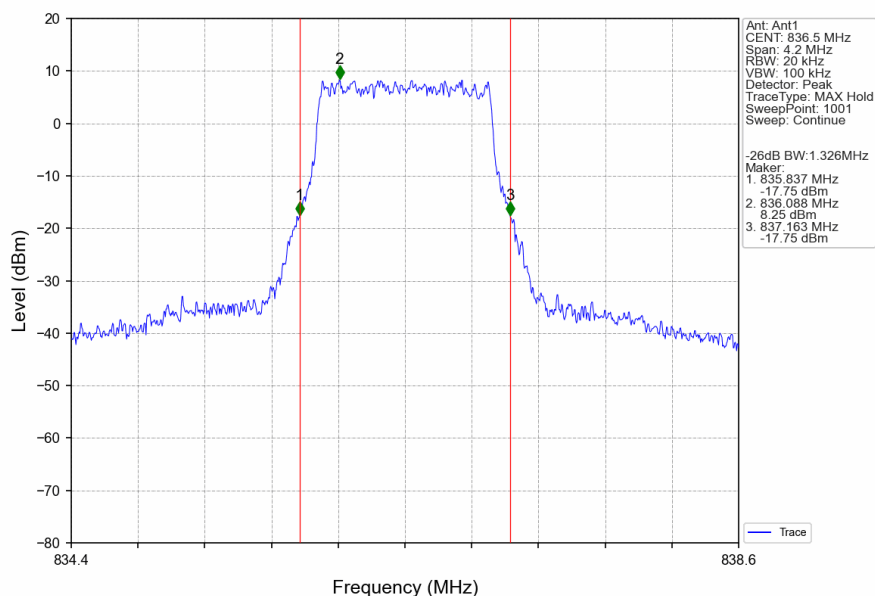


3.2.2 Band5_XDB

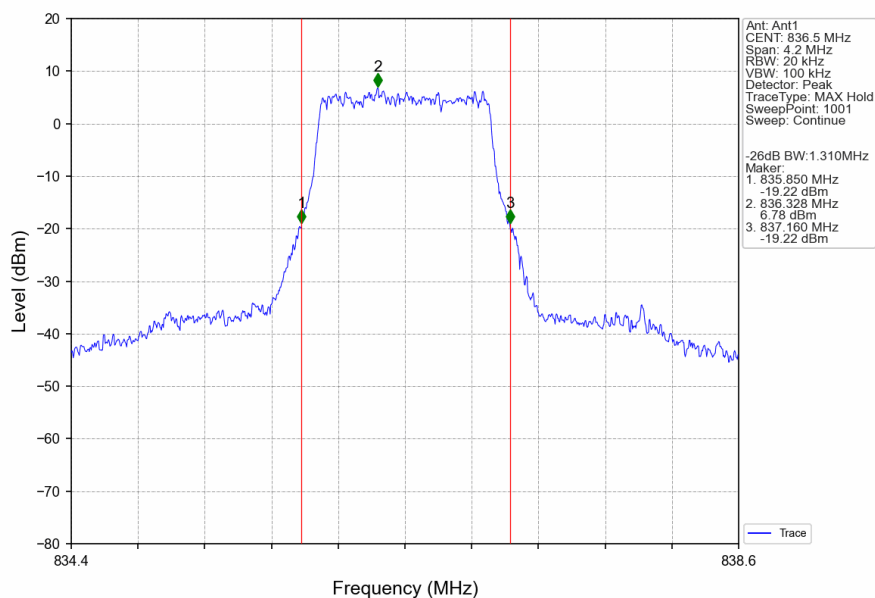




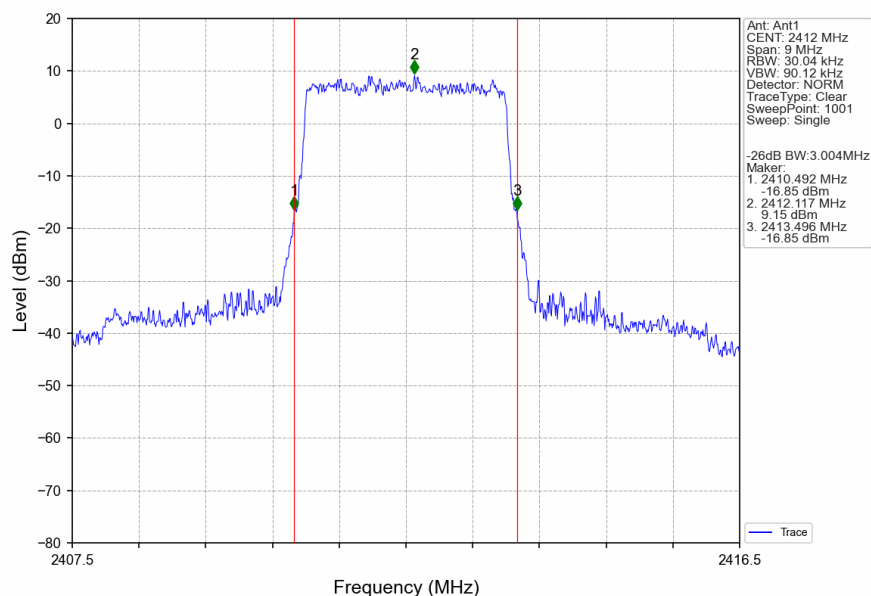
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



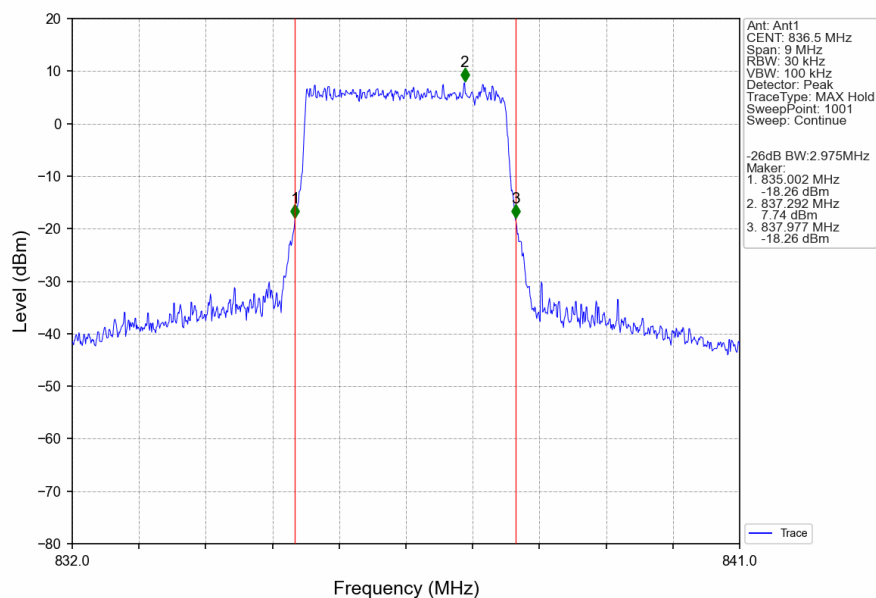
Band5_1.4MHz_256QAM_MCH_836.5MHz_RB_6_0_NTNV



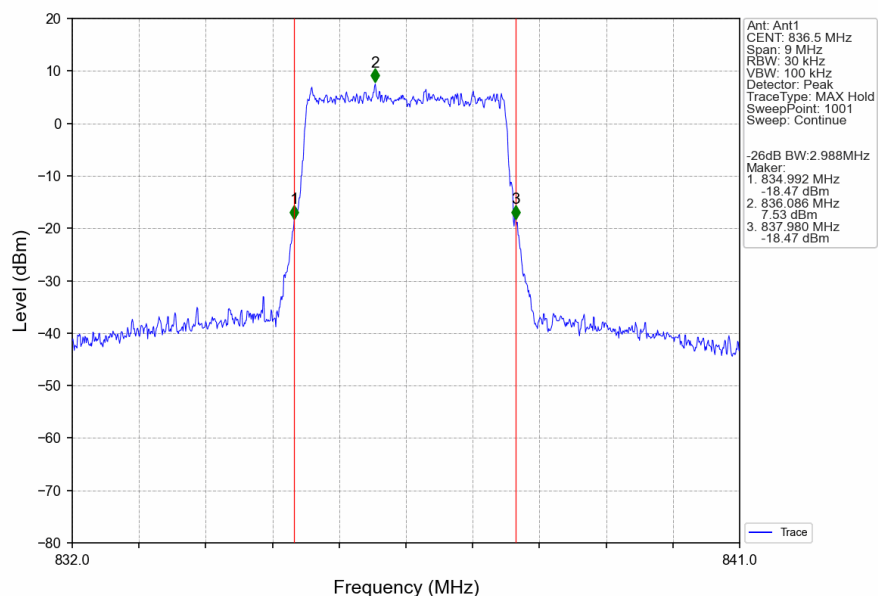
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



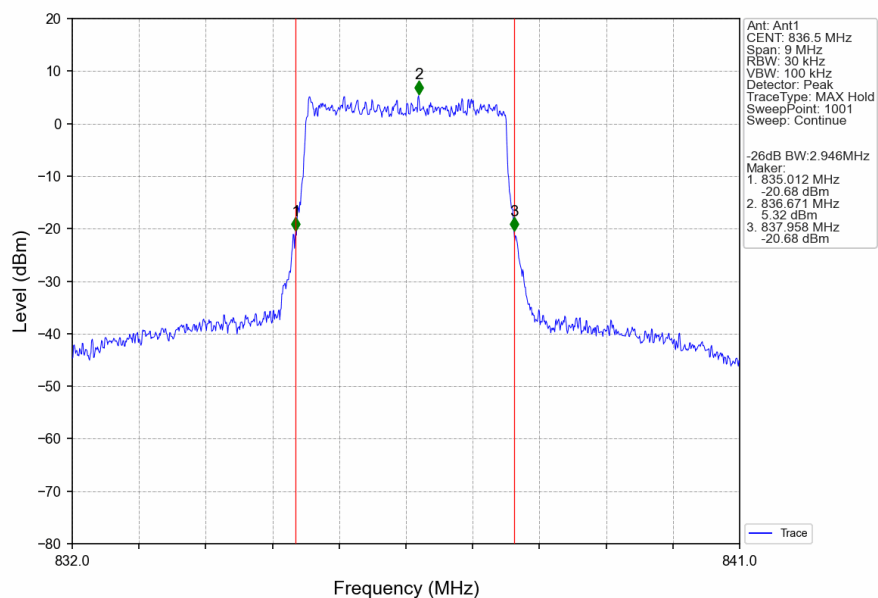
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



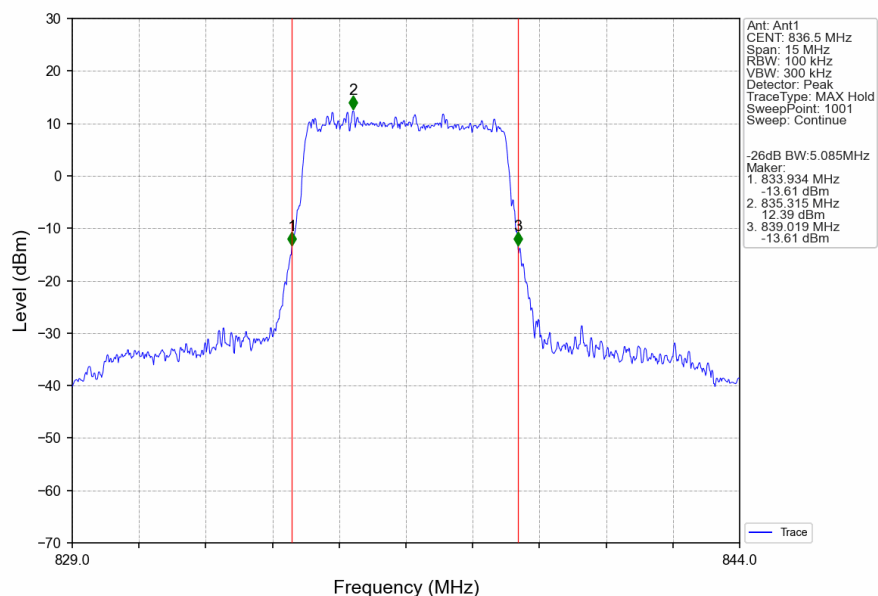
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



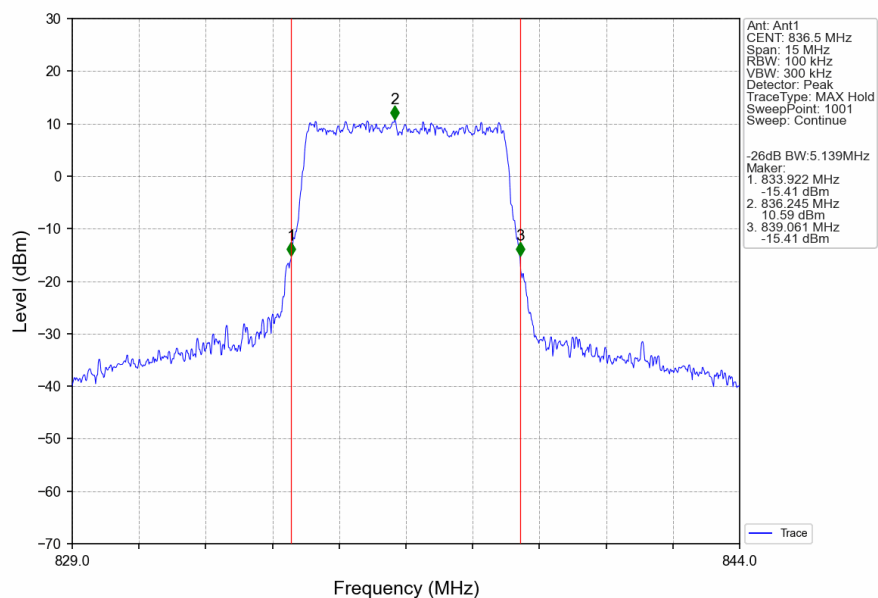
Band5_3MHz_256QAM_MCH_836.5MHz_RB_15_0_NTNV



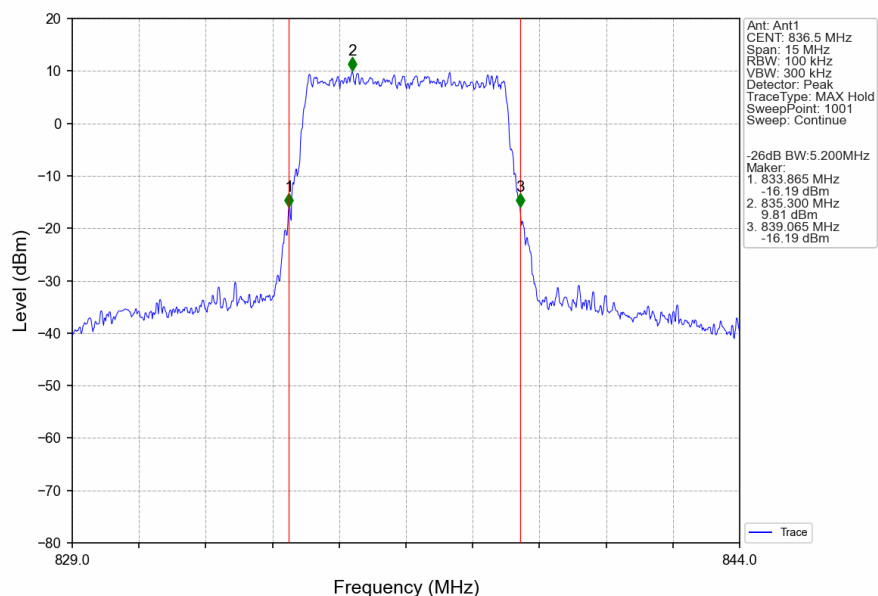
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



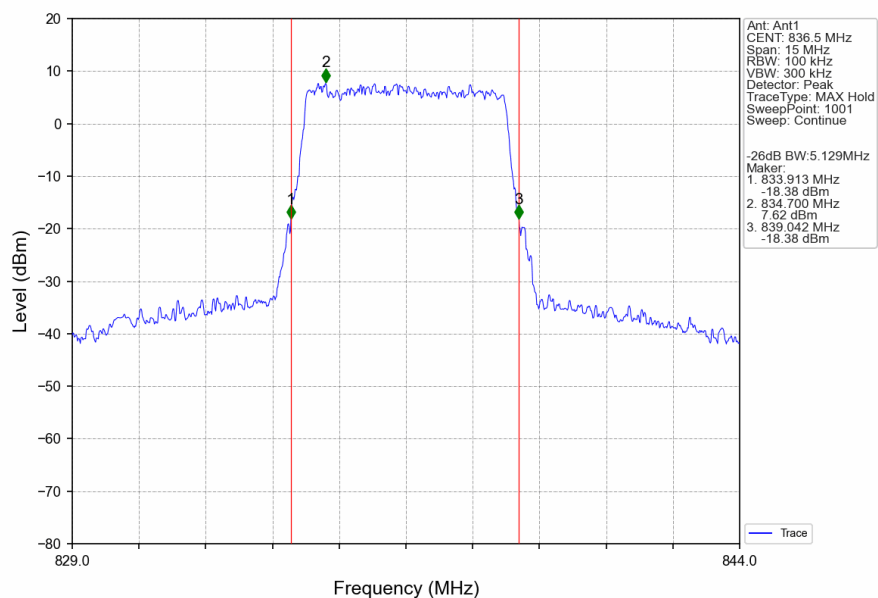
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



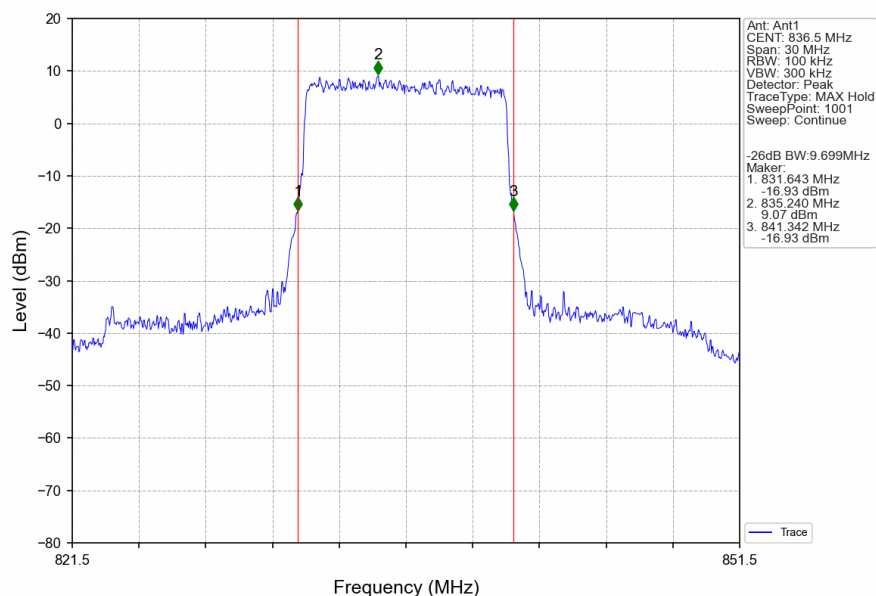
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



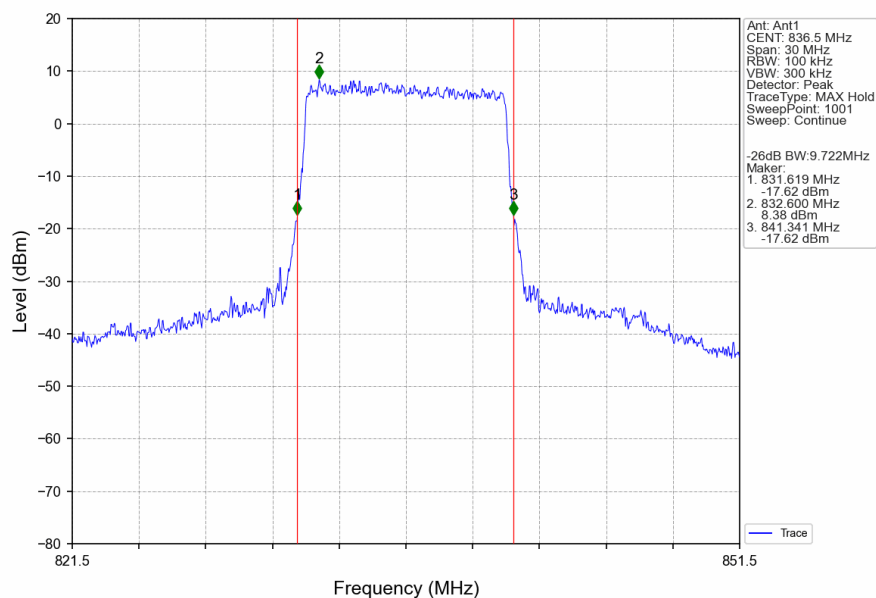
Band5_5MHz_256QAM_MCH_836.5MHz_RB_25_0_NTNV



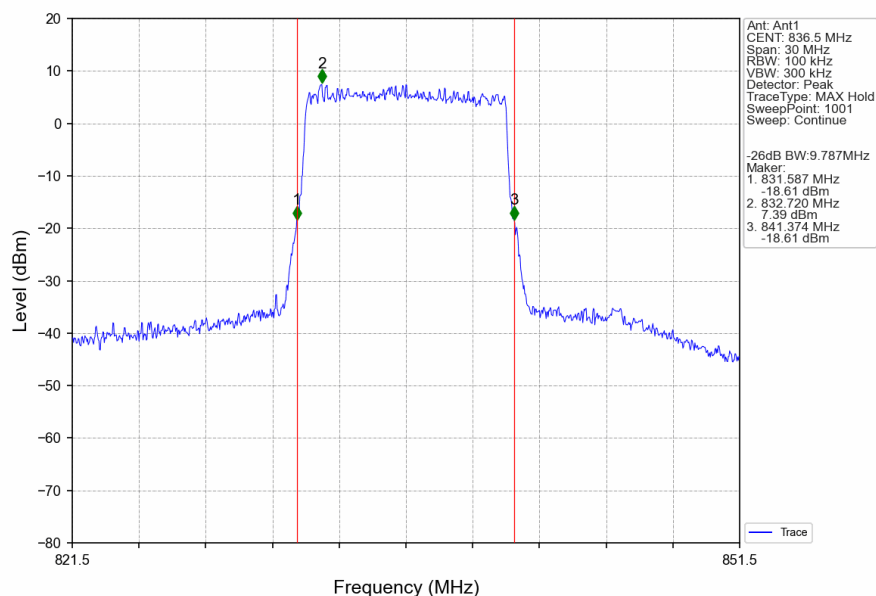
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



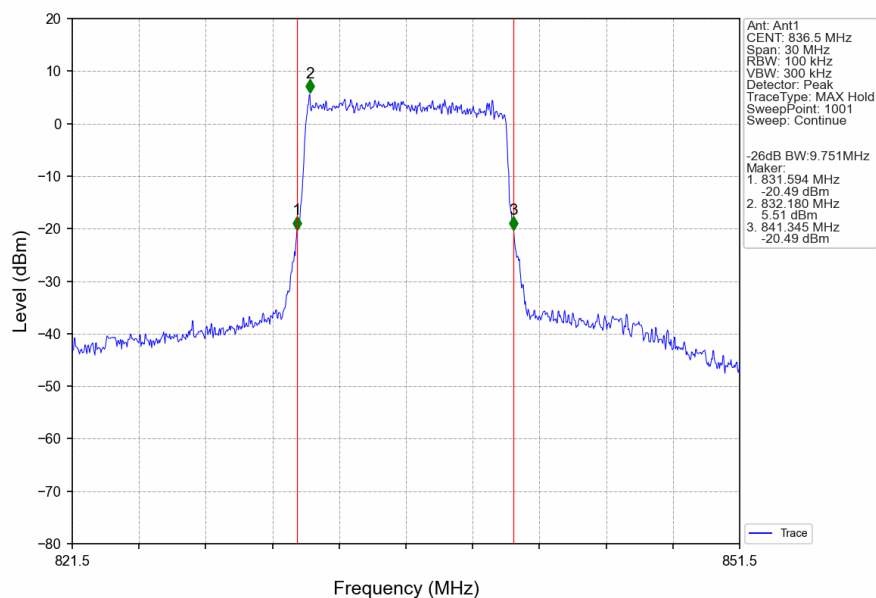
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV





Report No.: SUCR260400031709
Page: 28 of 53

4. Peak-Average Ratio

4.1 Test Result

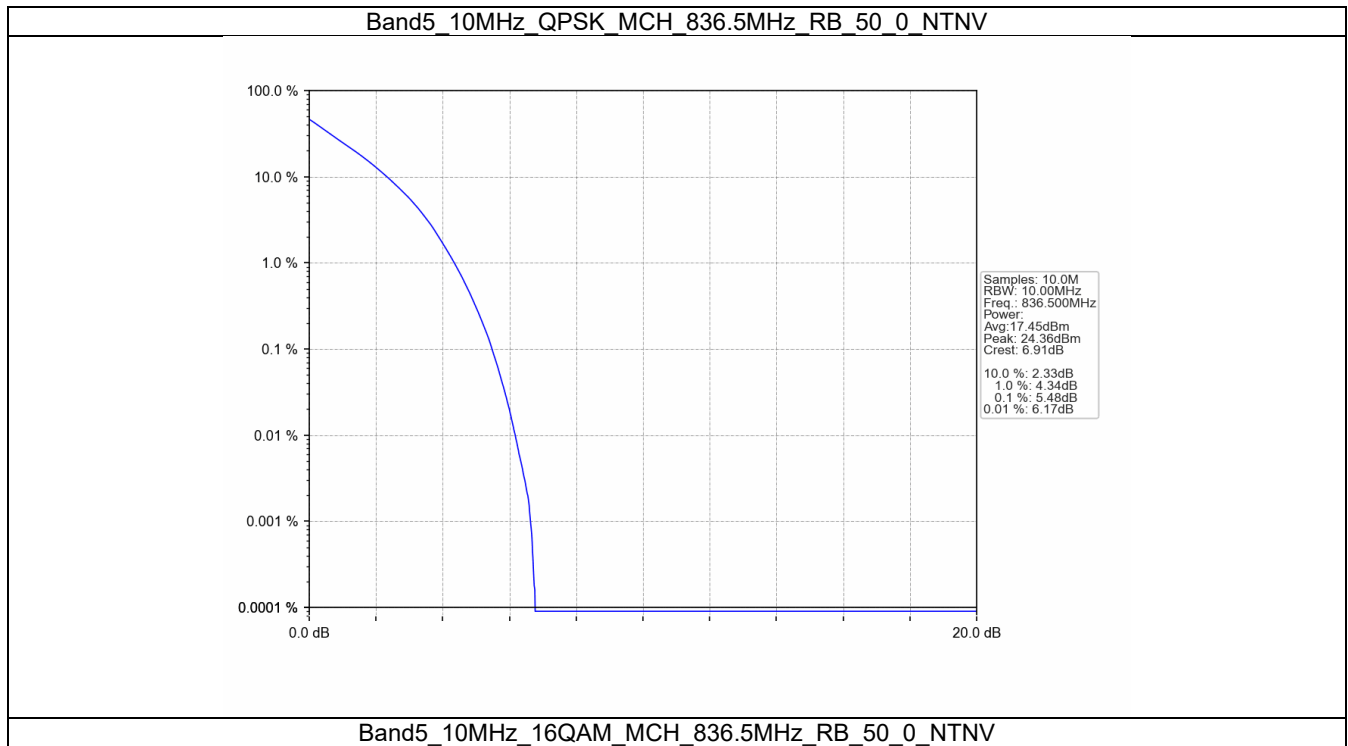
4.1.1 B5_10MHz

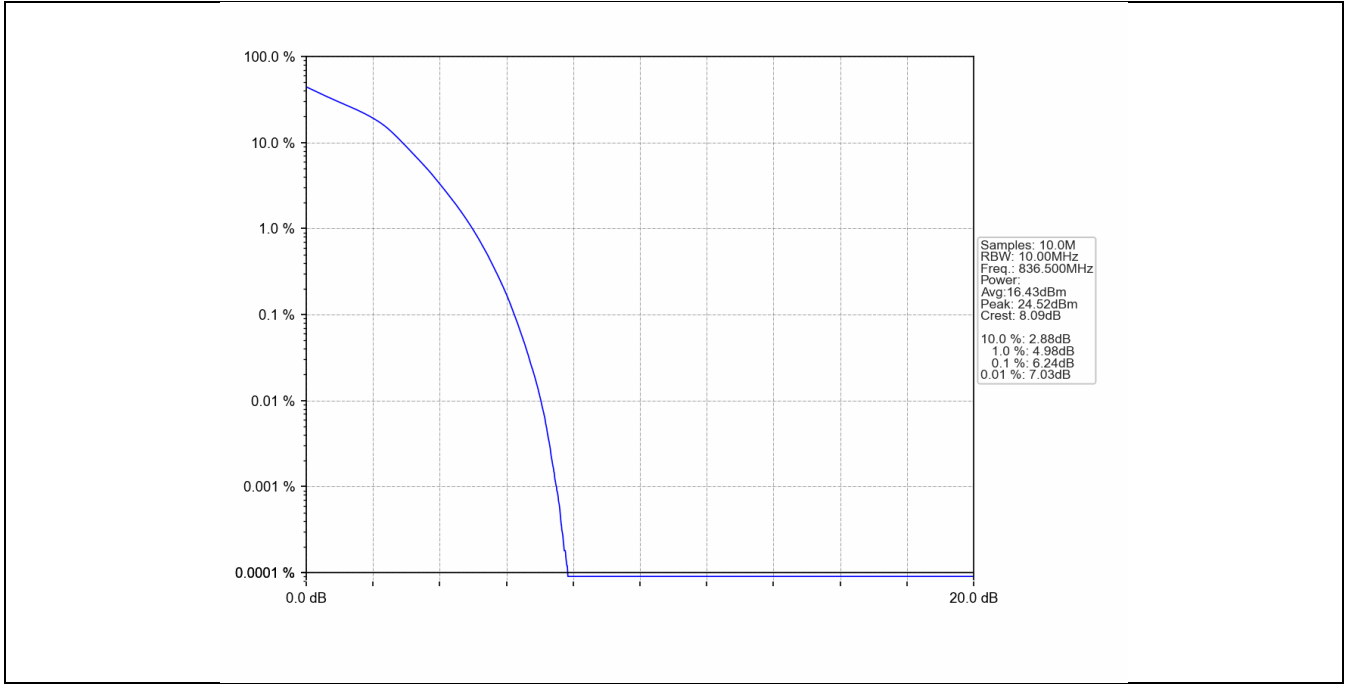
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	5.48	<=13	Pass
16QAM	836.5	50	0	6.24	<=13	Pass
64QAM	836.5	50	0	6.53	<=13	Pass
256QAM	836.5	50	0	6.72	<=13	Pass



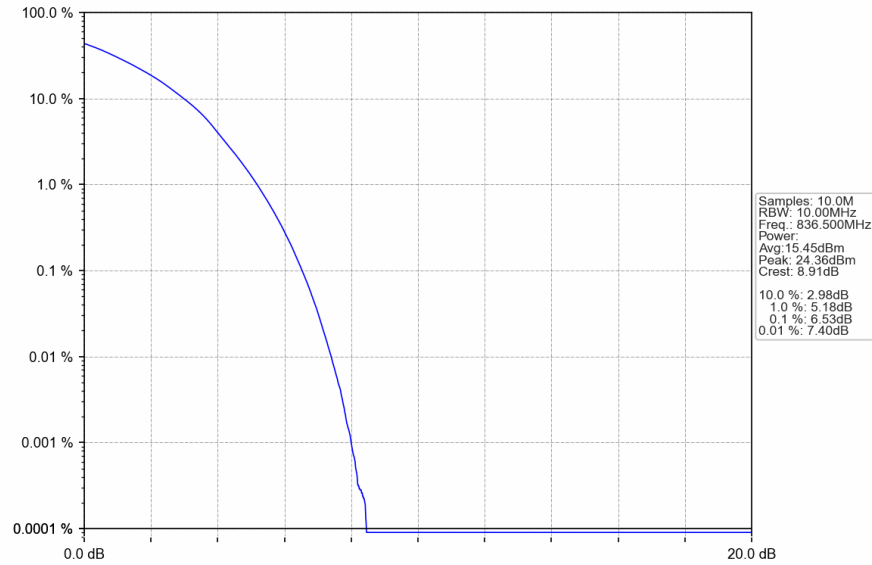
4.2 Test Graph

4.2.1 B5_10MHz

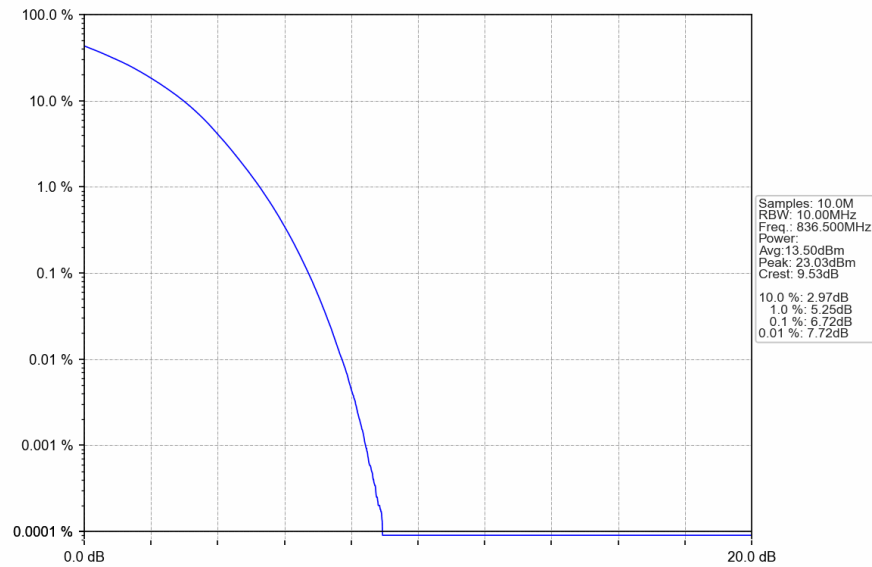




Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B5_1.4MHz

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

5.1.2 B5_3MHz

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

5.1.3 B5_5MHz

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

5.1.4 B5_10MHz

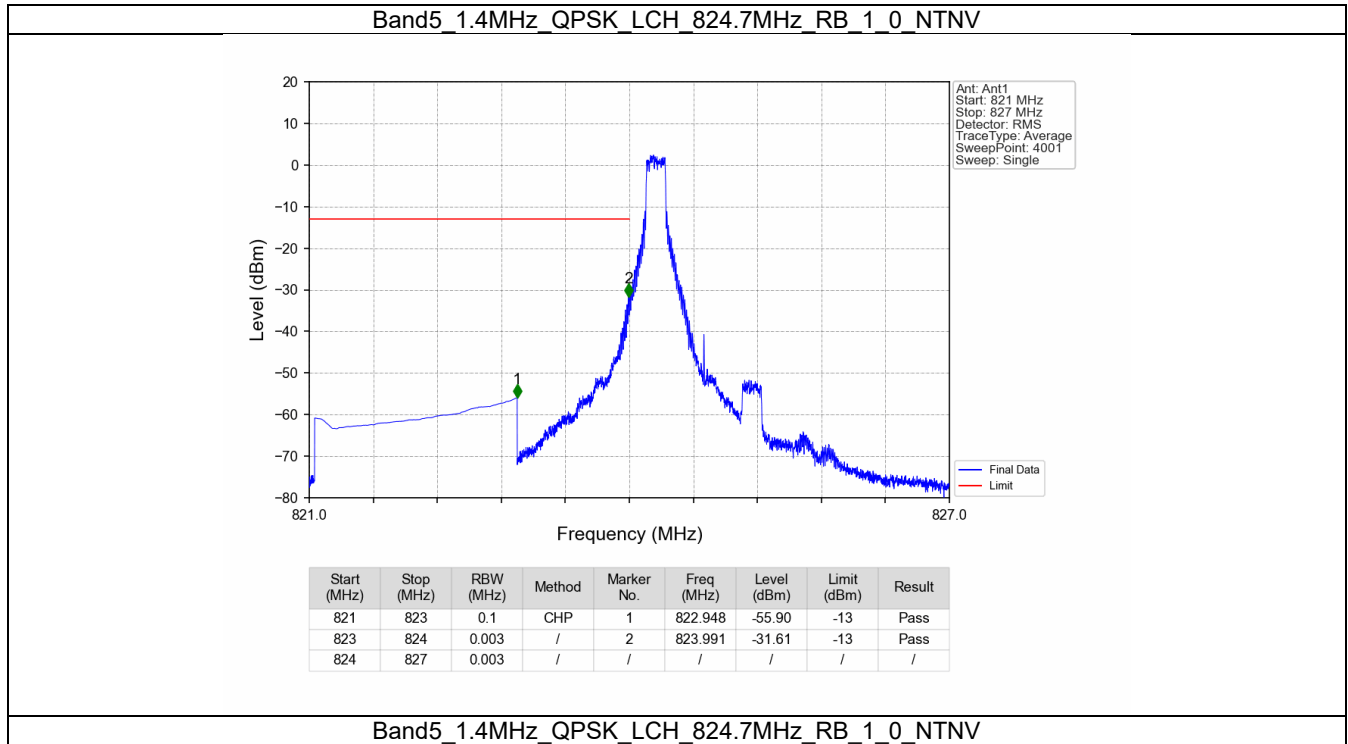
Band: 5 / Bandwidth: 10MHz / NTNV				
Modulation	Frequency	RB Allocation	Spurious Emission	Verdict

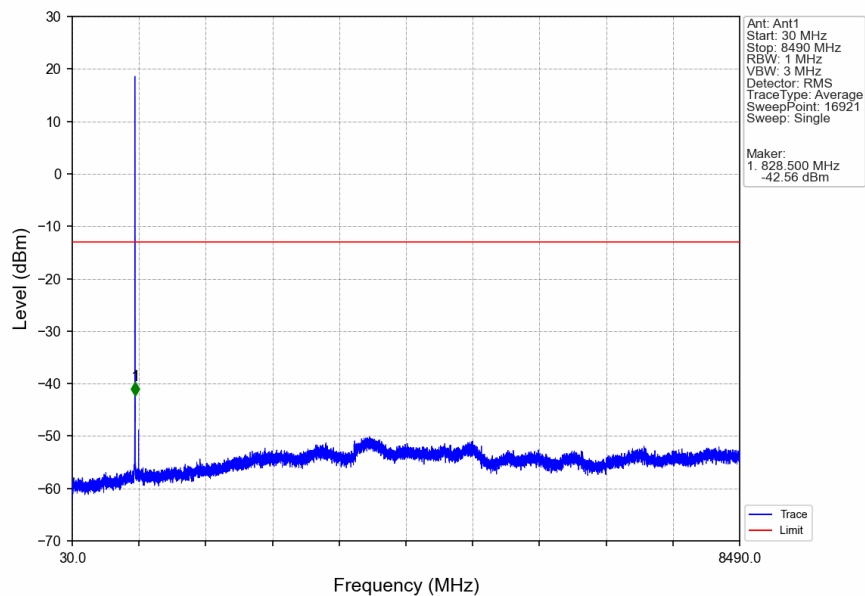


	(MHz)	Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

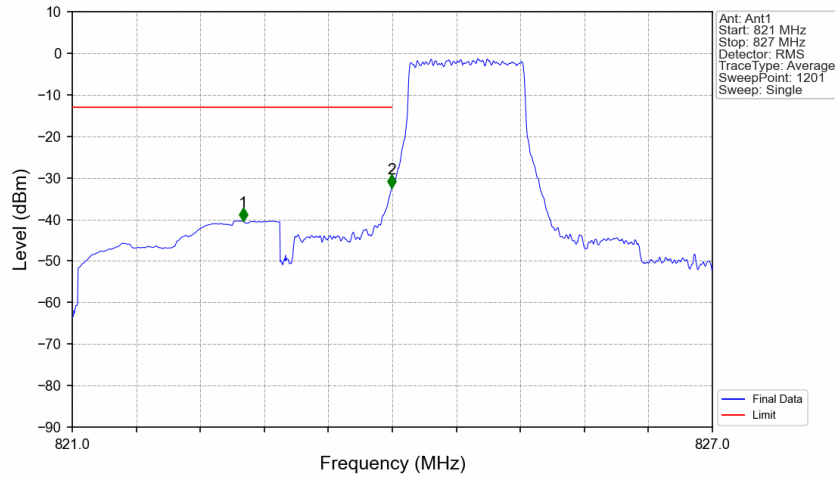
5.2 Test Graph

5.2.1 B5_1.4MHz



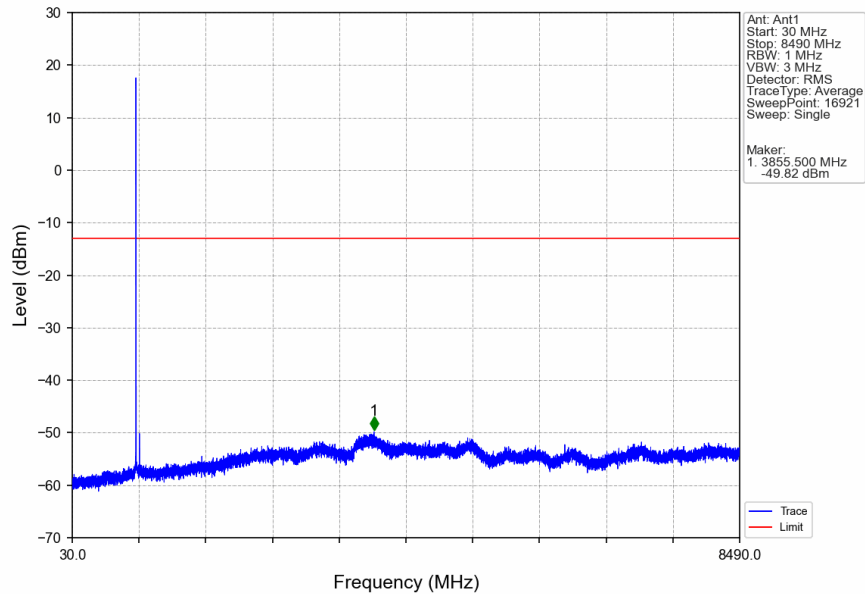


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

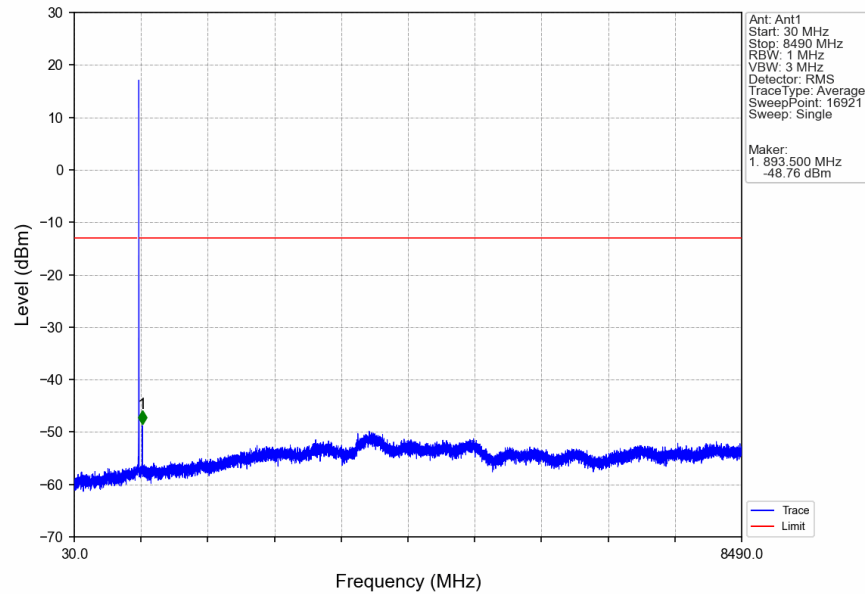


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.600	-40.32	-13	Pass
823	824	0.013	CHP	2	823.995	-32.35	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

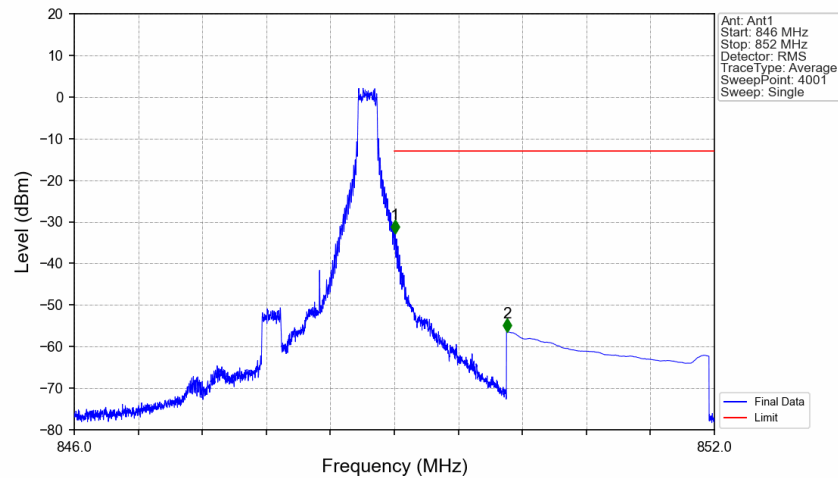
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

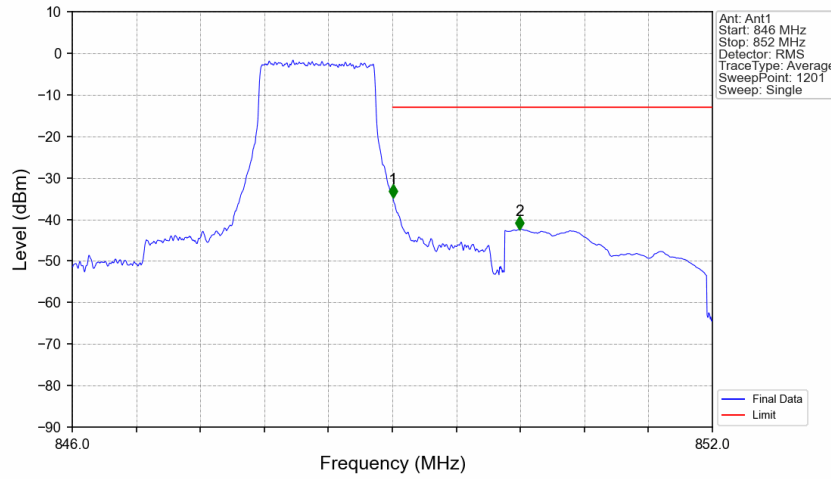


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



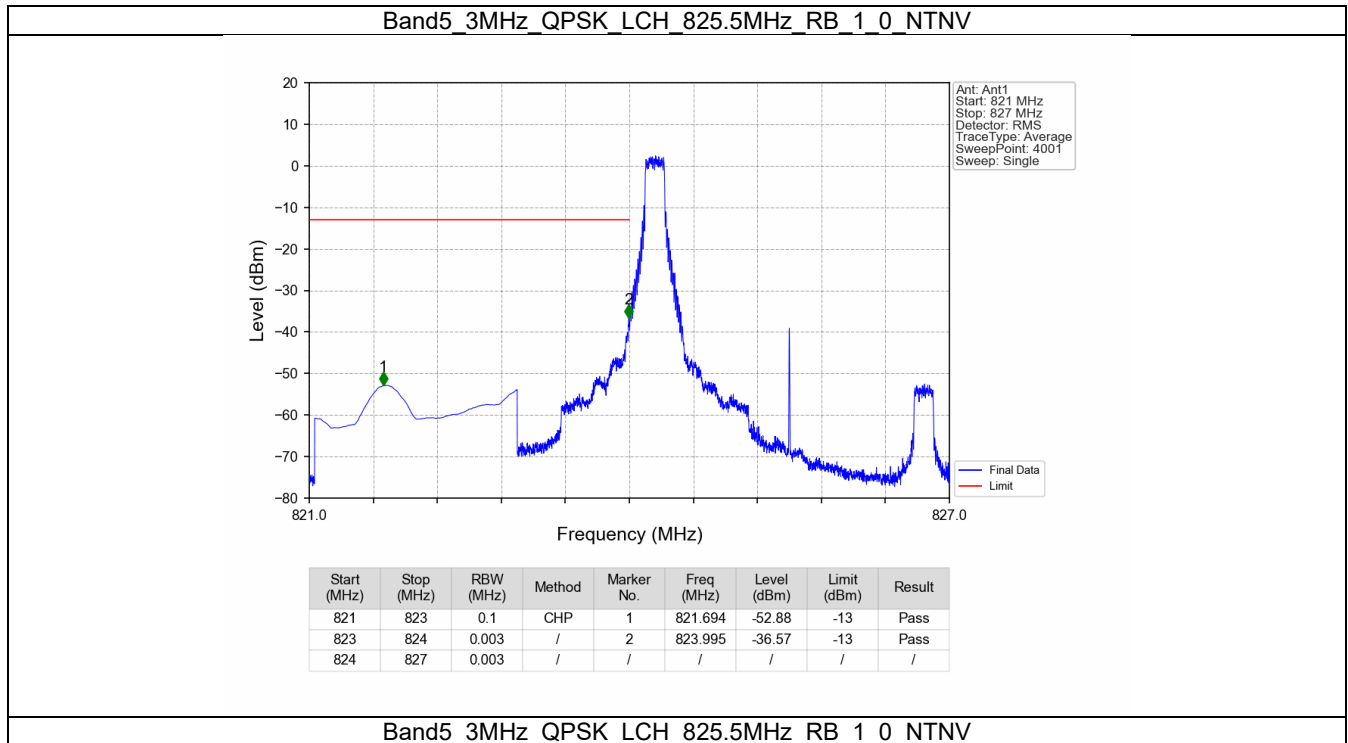
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-32.75	-13	Pass
850	852	0.1	CHP	2	850.056	-56.42	-13	Pass

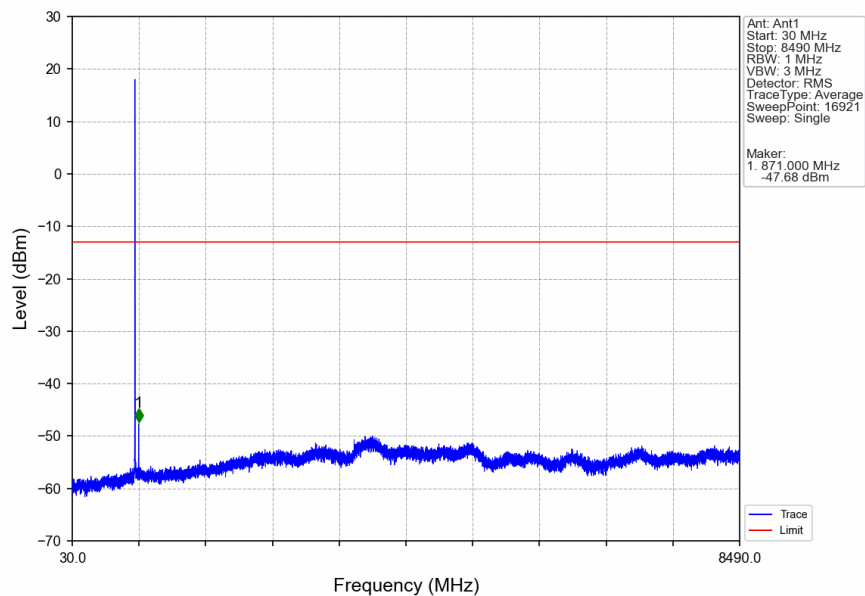
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



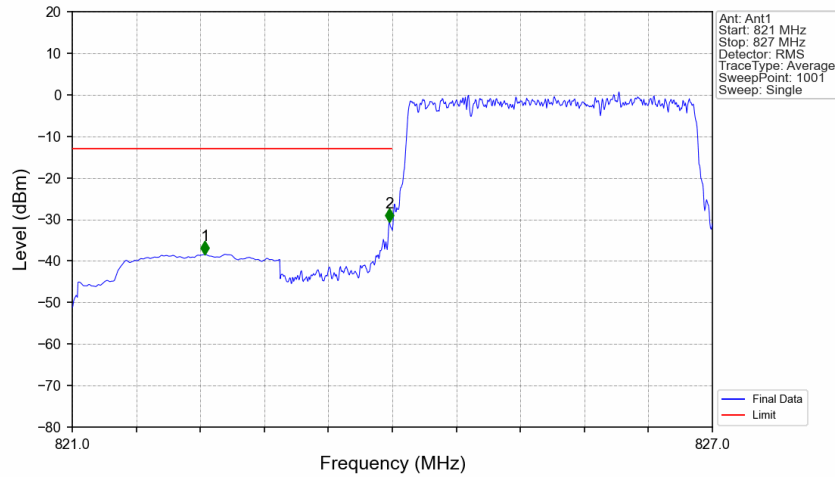
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.005	-34.77	-13	Pass
850	852	0.1	CHP	2	850.195	-42.34	-13	Pass

5.2.2 B5_3MHz



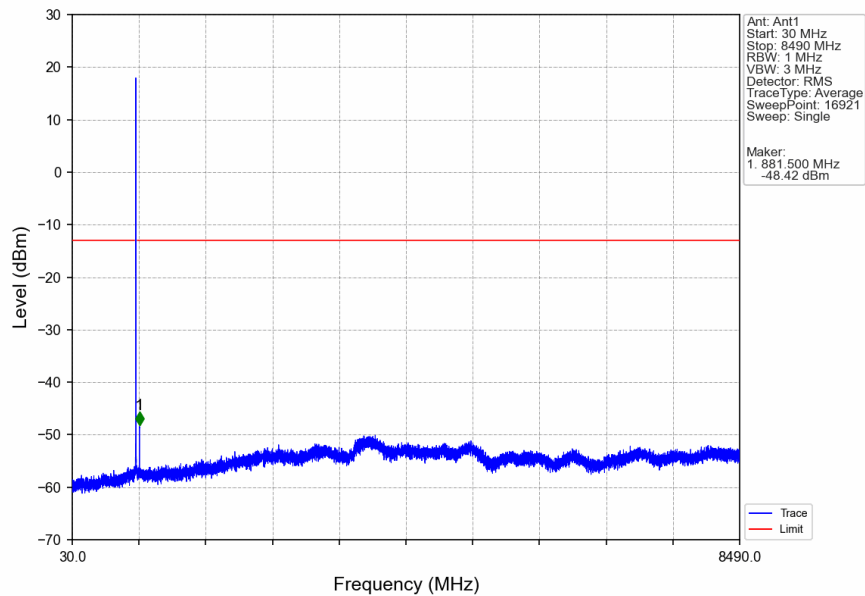


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

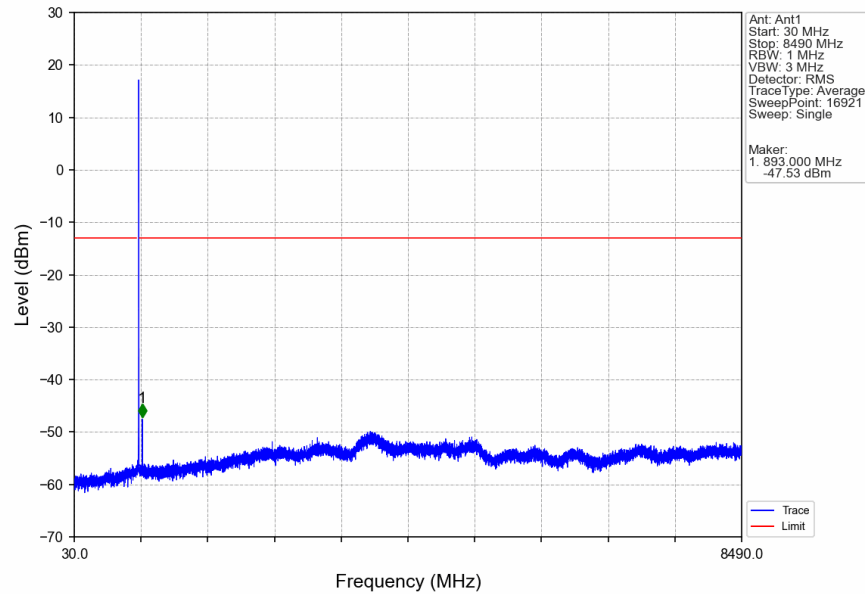


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.242	-38.40	-13	Pass
823	824	0.03	/	2	823.970	-30.53	-13	Pass
824	827	0.03	/	/	/	/	/	/

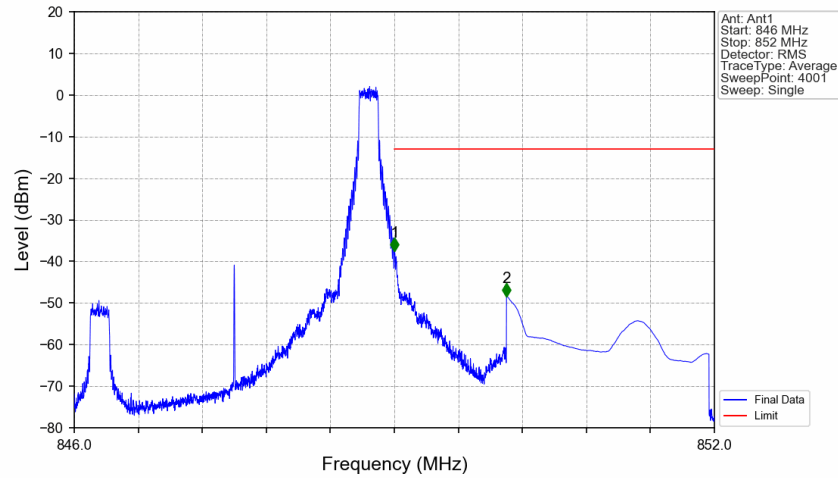
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

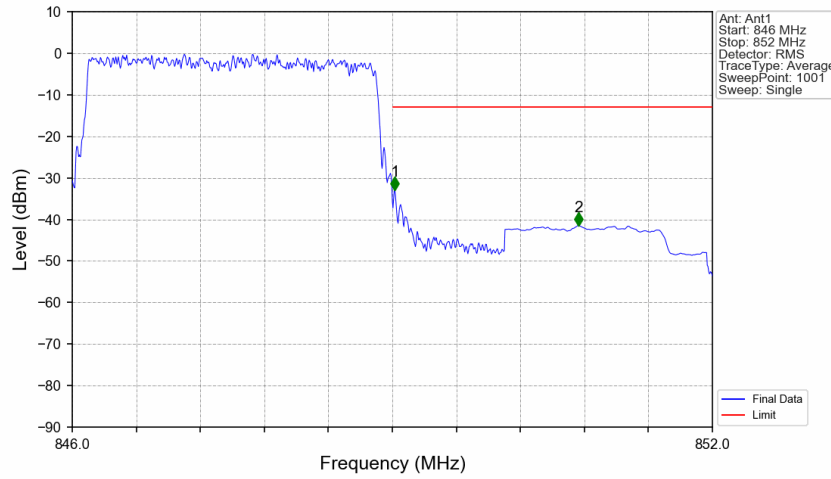


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



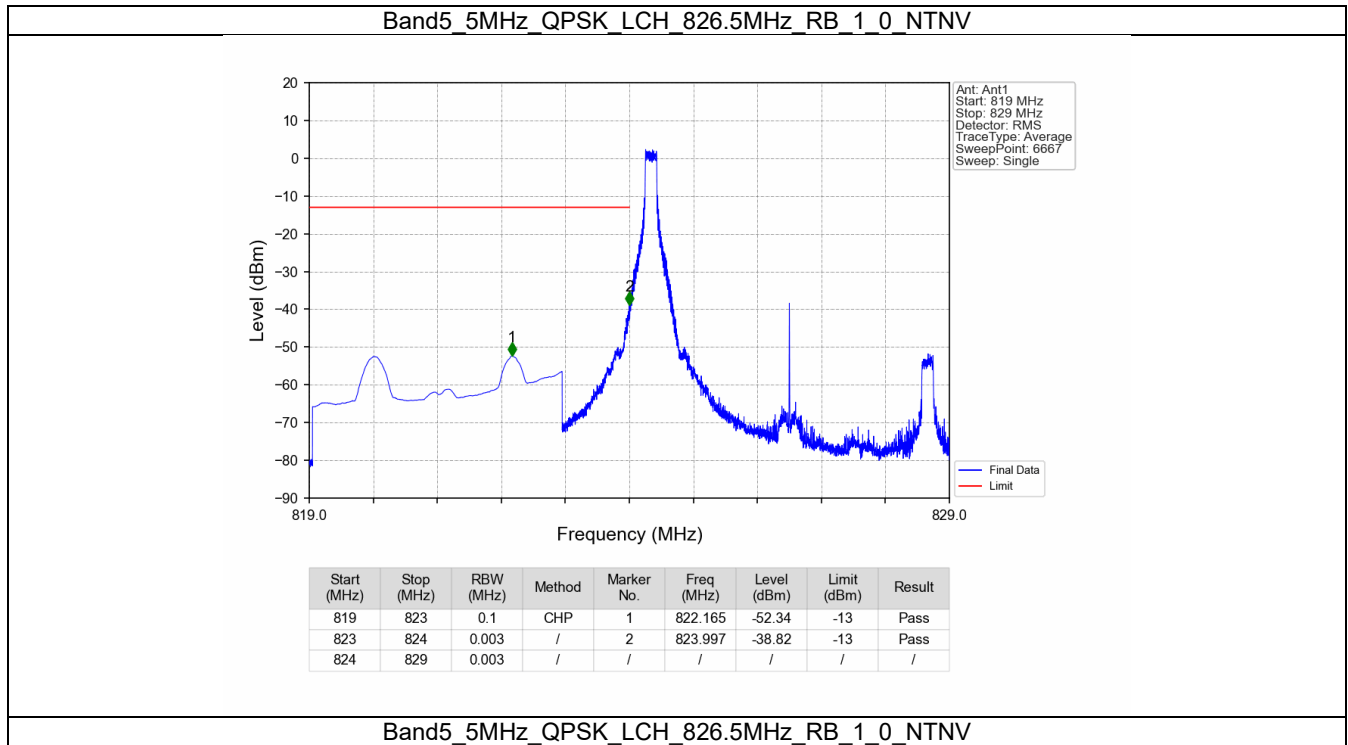
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-37.56	-13	Pass
850	852	0.1	CHP	2	850.052	-48.50	-13	Pass

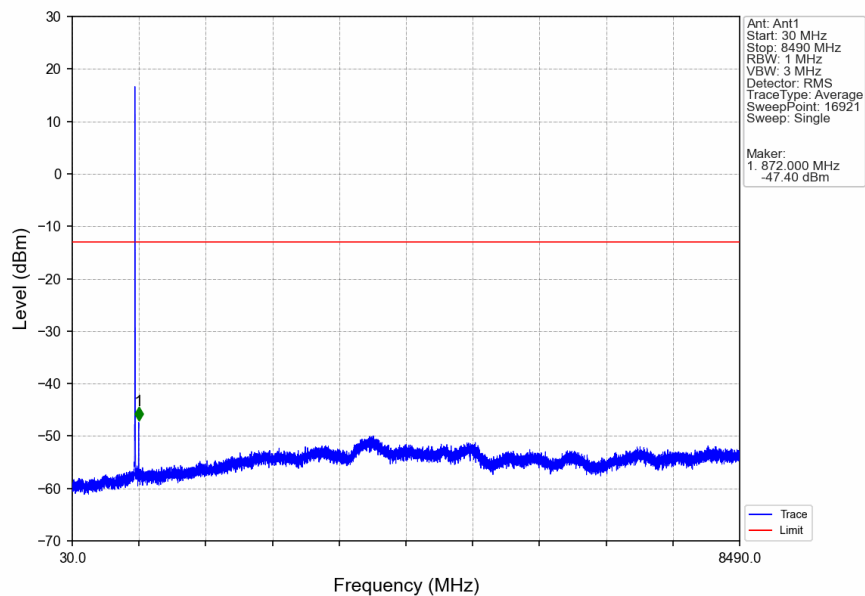
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



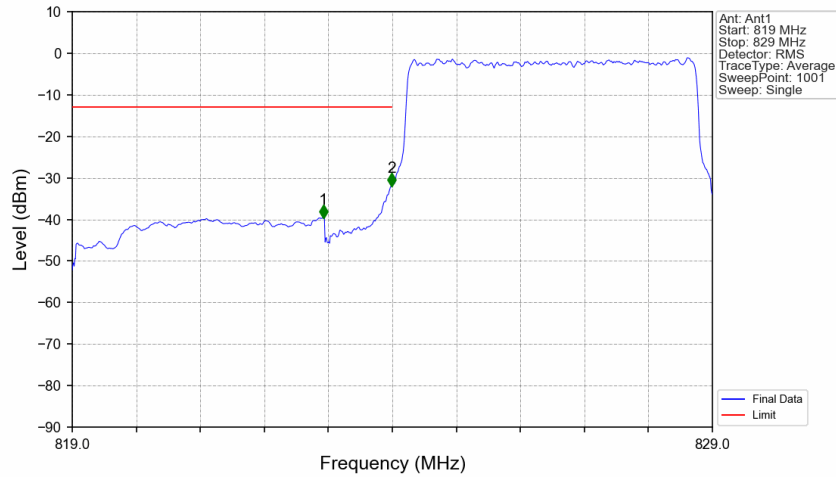
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.024	-32.95	-13	Pass
850	852	0.1	CHP	2	850.746	-41.44	-13	Pass

5.2.3 B5_5MHz



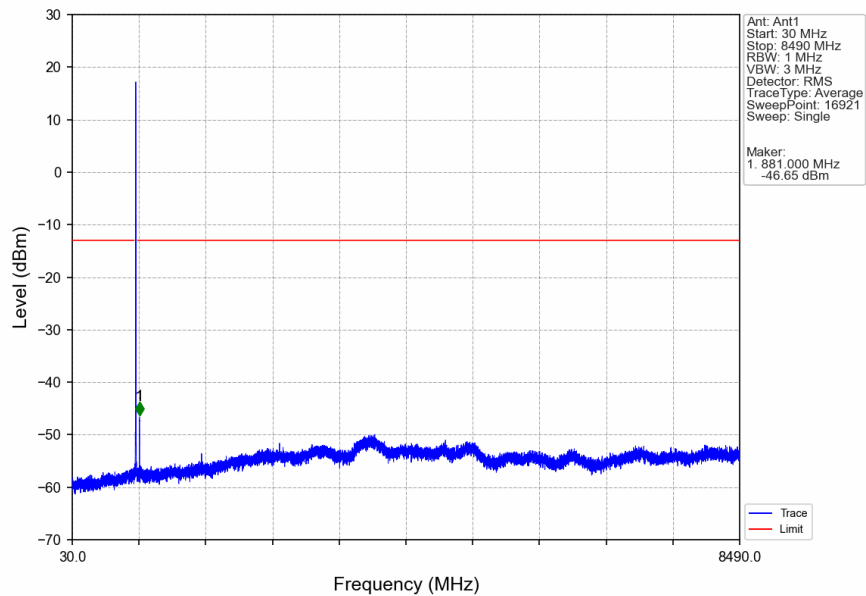


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

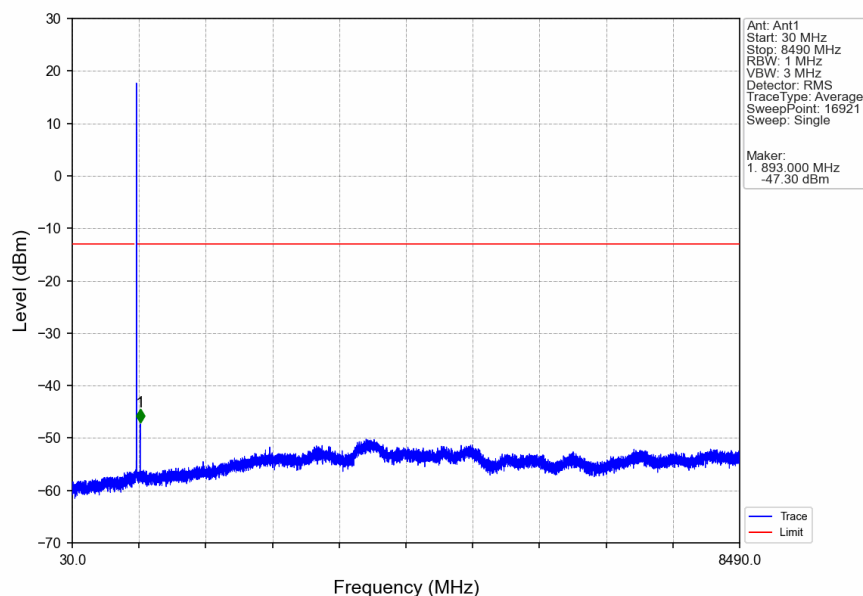


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.920	-39.61	-13	Pass
823	824	0.051	CHP	2	823.990	-32.06	-13	Pass
824	829	0.051	CHP	/	/	/	/	/

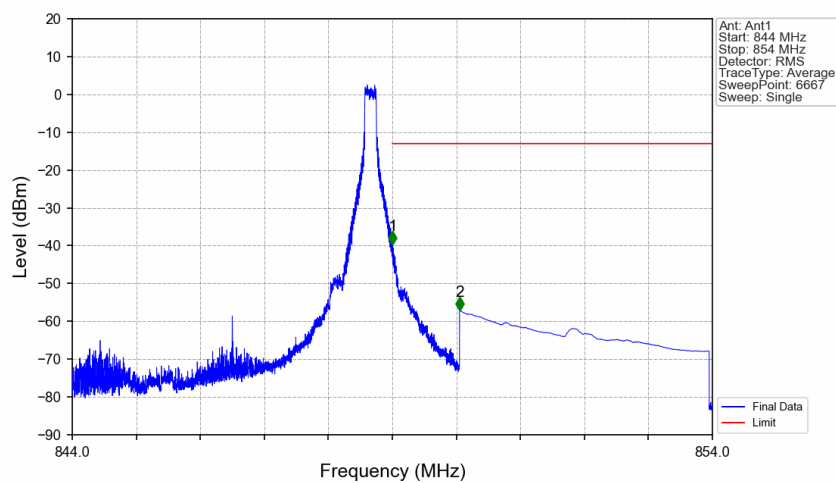
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

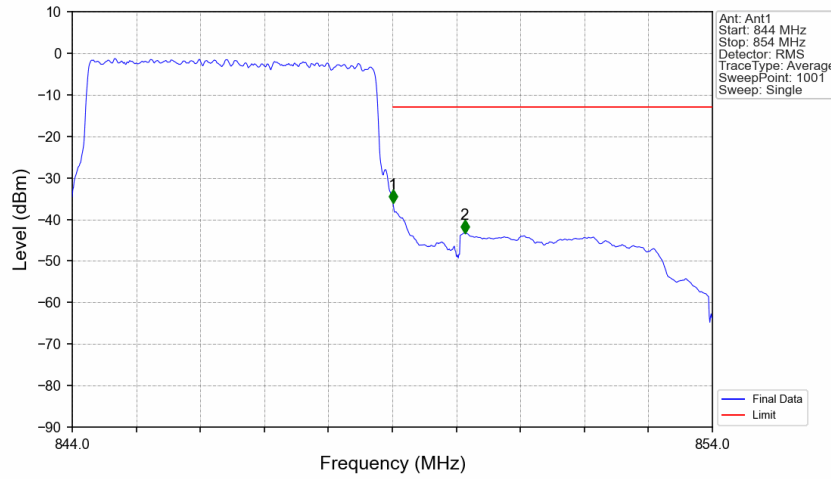


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



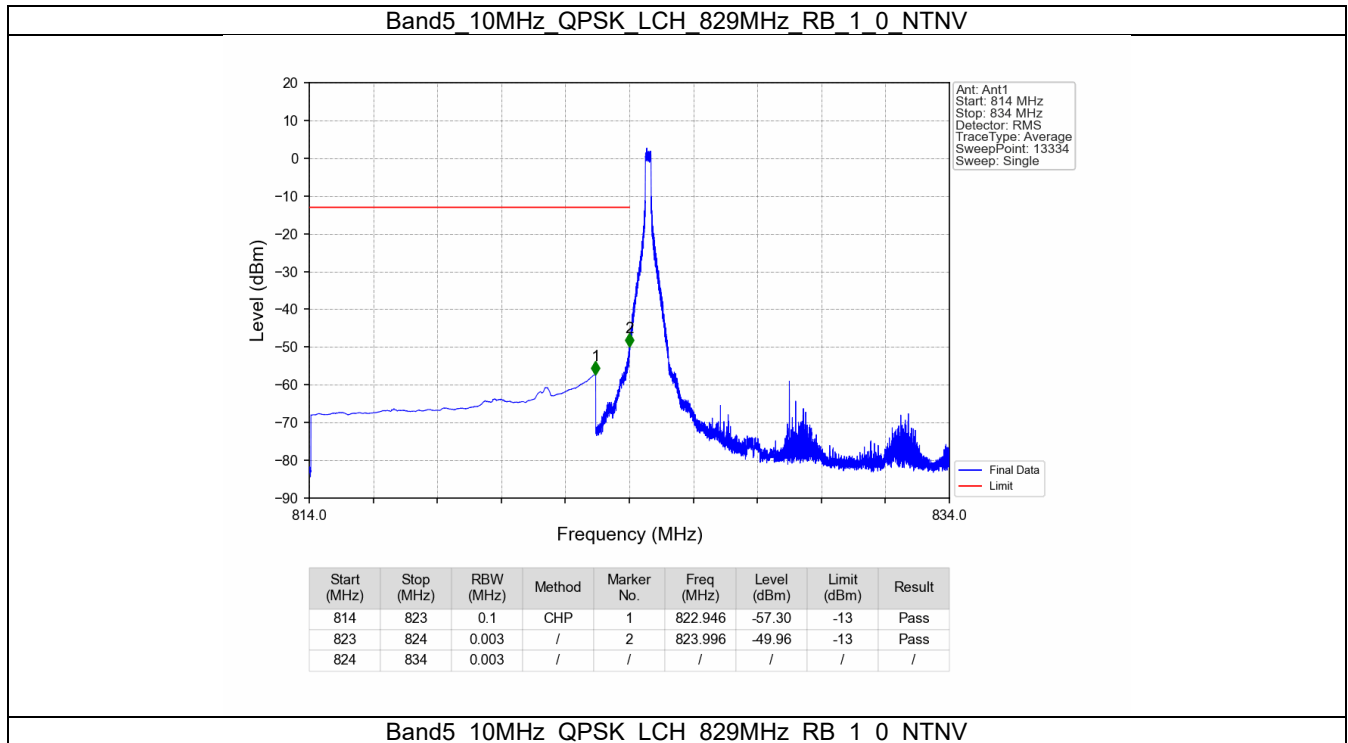
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-39.58	-13	Pass
850	854	0.1	CHP	2	850.050	-57.17	-13	Pass

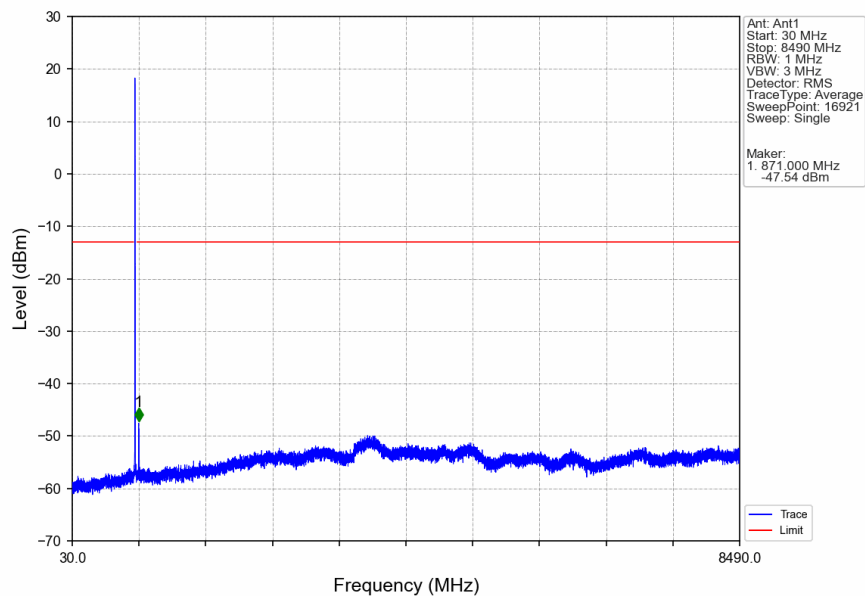
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



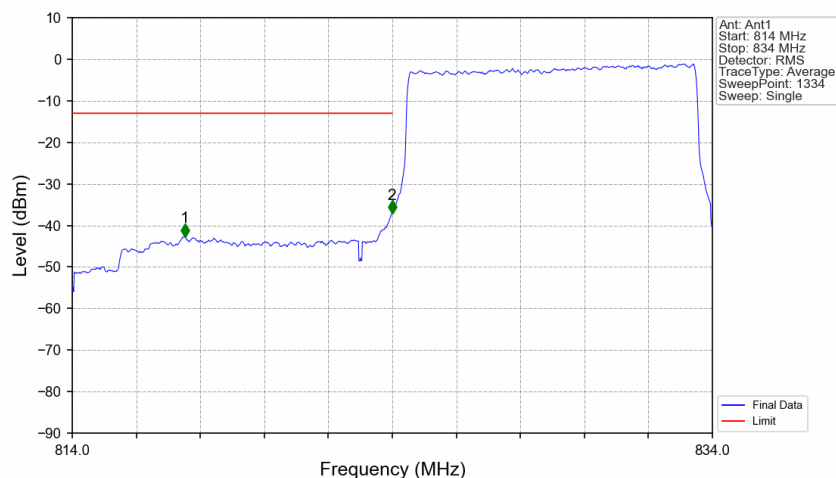
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	CHP	/	/	/	/	/
849	850	0.051	CHP	1	849.010	-35.97	-13	Pass
850	854	0.1	CHP	2	850.130	-43.25	-13	Pass

5.2.4 B5_10MHz



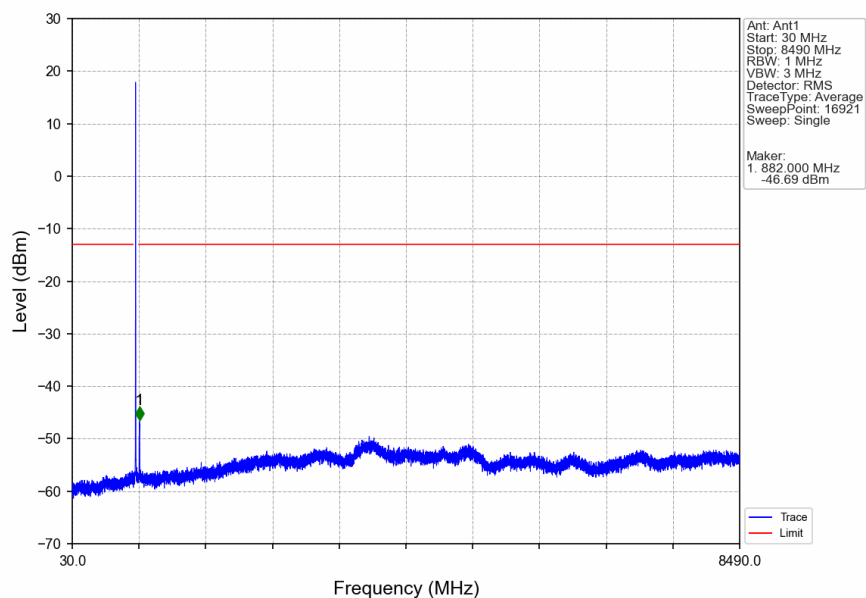


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

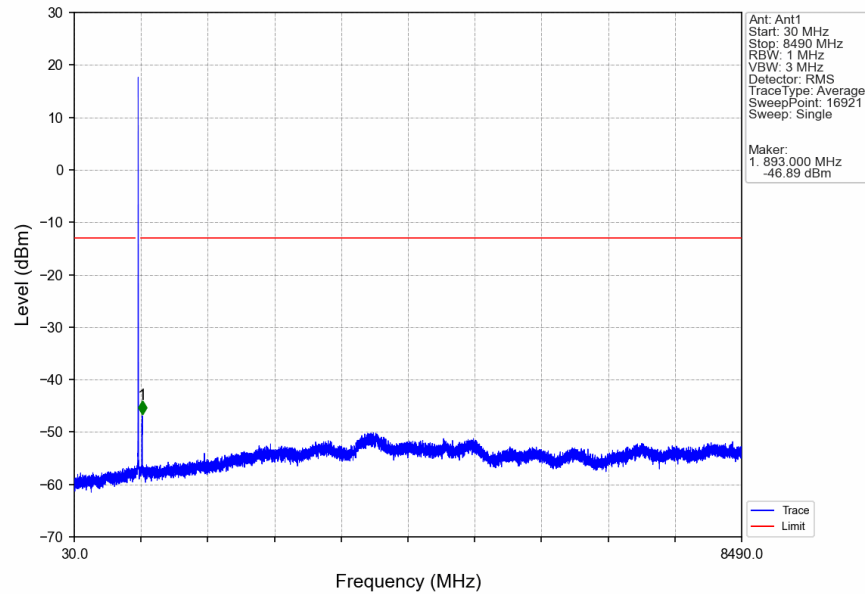


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	817.511	-42.68	-13	Pass
823	824	0.097	CHP	2	823.992	-37.05	-13	Pass
824	834	0.097	CHP	/	/	/	/	/

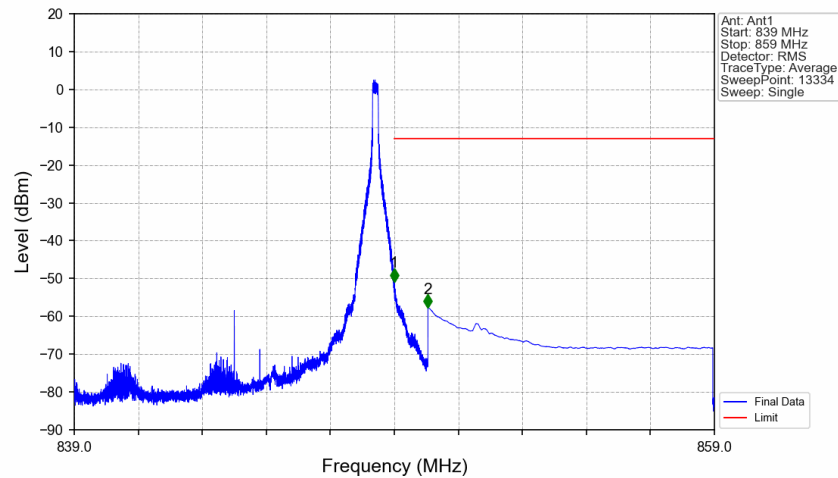
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



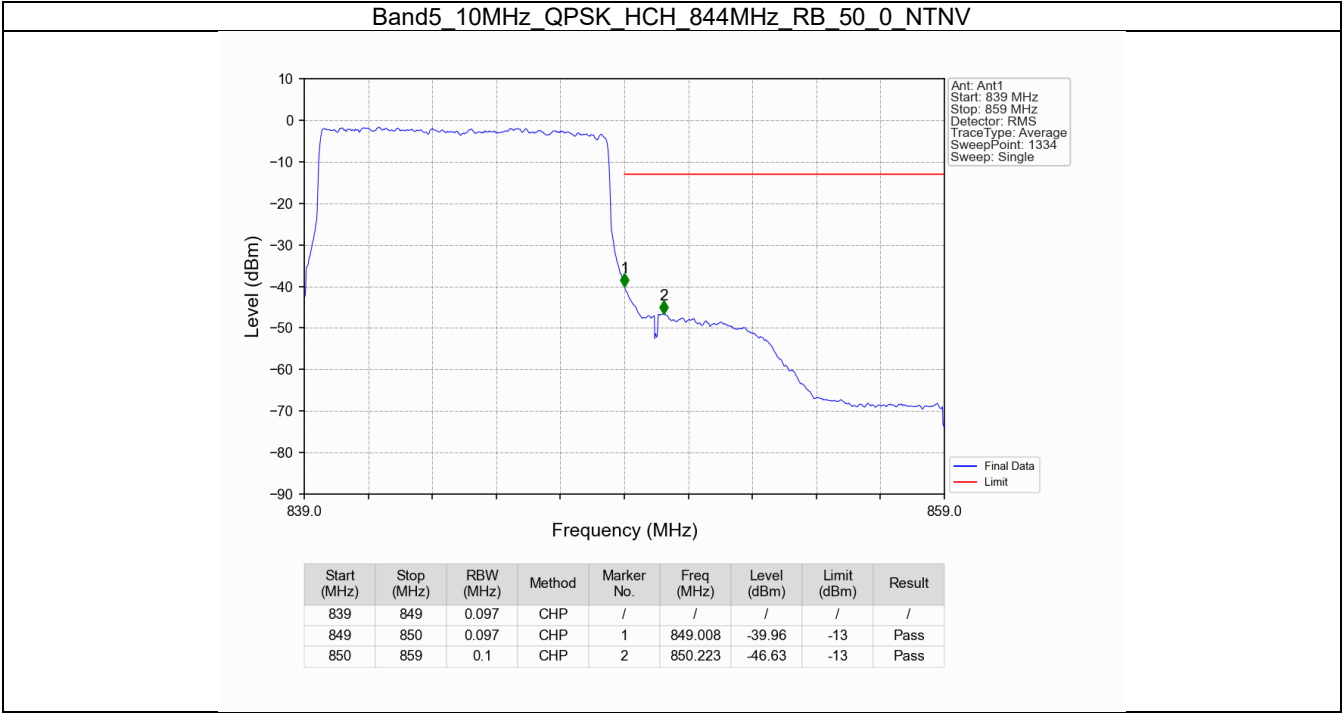
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-50.77	-13	Pass
850	859	0.1	CHP	2	850.051	-57.65	-13	Pass



---End of Attachment---