



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 / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	22.32	-0.75	19.42	<=38.45	Pass
			2	22.55	-0.75	19.65	<=38.45	Pass
			5	22.37	-0.75	19.47	<=38.45	Pass
		3	0	22.67	-0.75	19.77	<=38.45	Pass
			2	22.53	-0.75	19.63	<=38.45	Pass
			3	22.63	-0.75	19.73	<=38.45	Pass
		6	0	21.63	-0.75	18.73	<=38.45	Pass
	836.5	1	0	22.51	-0.75	19.61	<=38.45	Pass
			2	22.64	-0.75	19.74	<=38.45	Pass
			5	22.55	-0.75	19.65	<=38.45	Pass
		3	0	22.52	-0.75	19.62	<=38.45	Pass
			2	22.63	-0.75	19.73	<=38.45	Pass
			3	22.60	-0.75	19.70	<=38.45	Pass
		6	0	21.54	-0.75	18.64	<=38.45	Pass
	848.3	1	0	22.53	-0.75	19.63	<=38.45	Pass
			2	22.26	-0.75	19.36	<=38.45	Pass
			5	22.31	-0.75	19.41	<=38.45	Pass
		3	0	22.46	-0.75	19.56	<=38.45	Pass
			2	22.57	-0.75	19.67	<=38.45	Pass
			3	22.47	-0.75	19.57	<=38.45	Pass
		6	0	21.44	-0.75	18.54	<=38.45	Pass
16QAM	824.7	1	0	22.07	-0.75	19.17	<=38.45	Pass
			2	22.03	-0.75	19.13	<=38.45	Pass
			5	21.91	-0.75	19.01	<=38.45	Pass
		3	0	21.90	-0.75	19.00	<=38.45	Pass
			2	21.92	-0.75	19.02	<=38.45	Pass
			3	21.90	-0.75	19.00	<=38.45	Pass
		6	0	20.84	-0.75	17.94	<=38.45	Pass
	836.5	1	0	22.33	-0.75	19.43	<=38.45	Pass
			2	21.93	-0.75	19.03	<=38.45	Pass
			5	21.58	-0.75	18.68	<=38.45	Pass
		3	0	21.63	-0.75	18.73	<=38.45	Pass
			2	21.75	-0.75	18.85	<=38.45	Pass
			3	21.79	-0.75	18.89	<=38.45	Pass
		6	0	20.74	-0.75	17.84	<=38.45	Pass
	848.3	1	0	22.26	-0.75	19.36	<=38.45	Pass
			2	22.00	-0.75	19.10	<=38.45	Pass
			5	21.60	-0.75	18.70	<=38.45	Pass
		3	0	21.64	-0.75	18.74	<=38.45	Pass
			2	21.71	-0.75	18.81	<=38.45	Pass

64QAM	824.7	6	3	21.64	-0.75	18.74	<=38.45	Pass
			0	20.55	-0.75	17.65	<=38.45	Pass
			0	21.67	-0.75	18.77	<=38.45	Pass
		1	2	21.67	-0.75	18.77	<=38.45	Pass
			5	21.62	-0.75	18.72	<=38.45	Pass
			0	21.68	-0.75	18.78	<=38.45	Pass
		3	2	21.48	-0.75	18.58	<=38.45	Pass
			3	21.75	-0.75	18.85	<=38.45	Pass
			0	20.60	-0.75	17.70	<=38.45	Pass
	836.5	1	0	21.71	-0.75	18.81	<=38.45	Pass
			2	21.71	-0.75	18.81	<=38.45	Pass
			5	21.69	-0.75	18.79	<=38.45	Pass
		3	0	21.68	-0.75	18.78	<=38.45	Pass
			2	21.72	-0.75	18.82	<=38.45	Pass
			3	21.66	-0.75	18.76	<=38.45	Pass
		6	0	20.57	-0.75	17.67	<=38.45	Pass
	848.3	1	0	21.55	-0.75	18.65	<=38.45	Pass
			2	21.54	-0.75	18.64	<=38.45	Pass
			5	21.51	-0.75	18.61	<=38.45	Pass
		3	0	21.61	-0.75	18.71	<=38.45	Pass
			2	21.74	-0.75	18.84	<=38.45	Pass
			3	21.39	-0.75	18.49	<=38.45	Pass
256QAM	824.7	1	0	17.88	-0.75	14.98	<=38.45	Pass
			2	17.76	-0.75	14.86	<=38.45	Pass
			5	17.77	-0.75	14.87	<=38.45	Pass
		3	0	17.68	-0.75	14.78	<=38.45	Pass
			2	17.77	-0.75	14.87	<=38.45	Pass
			3	17.79	-0.75	14.89	<=38.45	Pass
		6	0	17.65	-0.75	14.75	<=38.45	Pass
	836.5	1	0	17.70	-0.75	14.80	<=38.45	Pass
			2	17.88	-0.75	14.98	<=38.45	Pass
			5	17.58	-0.75	14.68	<=38.45	Pass
		3	0	17.64	-0.75	14.74	<=38.45	Pass
			2	17.71	-0.75	14.81	<=38.45	Pass
			3	17.69	-0.75	14.79	<=38.45	Pass
		6	0	17.62	-0.75	14.72	<=38.45	Pass
	848.3	1	0	17.58	-0.75	14.68	<=38.45	Pass
			2	17.68	-0.75	14.78	<=38.45	Pass
			5	17.86	-0.75	14.96	<=38.45	Pass
		3	0	17.63	-0.75	14.73	<=38.45	Pass
			2	17.60	-0.75	14.70	<=38.45	Pass
			3	17.64	-0.75	14.74	<=38.45	Pass
		6	0	17.55	-0.75	14.65	<=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	22.56	-0.75	19.66	<=38.45	Pass
			7	22.78	-0.75	19.88	<=38.45	Pass
			14	22.59	-0.75	19.69	<=38.45	Pass
		8	0	21.79	-0.75	18.89	<=38.45	Pass
			4	21.66	-0.75	18.76	<=38.45	Pass
			7	21.66	-0.75	18.76	<=38.45	Pass
		15	0	21.73	-0.75	18.83	<=38.45	Pass
	836.5	1	0	22.59	-0.75	19.69	<=38.45	Pass
			7	22.75	-0.75	19.85	<=38.45	Pass
			14	22.55	-0.75	19.65	<=38.45	Pass
		8	0	21.71	-0.75	18.81	<=38.45	Pass
			4	21.66	-0.75	18.76	<=38.45	Pass
			7	21.67	-0.75	18.77	<=38.45	Pass
		15	0	21.65	-0.75	18.75	<=38.45	Pass
	847.5	1	0	22.51	-0.75	19.61	<=38.45	Pass
			7	22.87	-0.75	19.97	<=38.45	Pass
			14	22.54	-0.75	19.64	<=38.45	Pass
		8	0	21.56	-0.75	18.66	<=38.45	Pass
			4	21.67	-0.75	18.77	<=38.45	Pass
			7	21.56	-0.75	18.66	<=38.45	Pass
		15	0	21.60	-0.75	18.70	<=38.45	Pass
16QAM	825.5	1	0	21.99	-0.75	19.09	<=38.45	Pass
			7	22.02	-0.75	19.12	<=38.45	Pass
			14	21.75	-0.75	18.85	<=38.45	Pass
		8	0	20.54	-0.75	17.64	<=38.45	Pass
			4	20.79	-0.75	17.89	<=38.45	Pass
			7	20.71	-0.75	17.81	<=38.45	Pass
		15	0	20.74	-0.75	17.84	<=38.45	Pass
	836.5	1	0	21.97	-0.75	19.07	<=38.45	Pass
			7	21.93	-0.75	19.03	<=38.45	Pass
			14	21.87	-0.75	18.97	<=38.45	Pass
		8	0	20.70	-0.75	17.80	<=38.45	Pass
			4	20.77	-0.75	17.87	<=38.45	Pass
			7	20.74	-0.75	17.84	<=38.45	Pass
		15	0	20.71	-0.75	17.81	<=38.45	Pass
	847.5	1	0	21.79	-0.75	18.89	<=38.45	Pass
			7	21.77	-0.75	18.87	<=38.45	Pass
			14	21.85	-0.75	18.95	<=38.45	Pass
		8	0	20.68	-0.75	17.78	<=38.45	Pass
			4	20.50	-0.75	17.60	<=38.45	Pass
			7	20.59	-0.75	17.69	<=38.45	Pass
		15	0	20.59	-0.75	17.69	<=38.45	Pass
64QAM	825.5	1	0	21.59	-0.75	18.69	<=38.45	Pass
			7	21.96	-0.75	19.06	<=38.45	Pass
			14	21.54	-0.75	18.64	<=38.45	Pass
		8	0	20.73	-0.75	17.83	<=38.45	Pass
			4	20.70	-0.75	17.80	<=38.45	Pass
			7	20.69	-0.75	17.79	<=38.45	Pass
		15	0	20.75	-0.75	17.85	<=38.45	Pass
	836.5	1	0	21.80	-0.75	18.90	<=38.45	Pass
			7	21.80	-0.75	18.90	<=38.45	Pass
			14	21.68	-0.75	18.78	<=38.45	Pass
		8	0	20.61	-0.75	17.71	<=38.45	Pass

		15	4	20.71	-0.75	17.81	<=38.45	Pass
			7	20.69	-0.75	17.79	<=38.45	Pass
			0	20.60	-0.75	17.70	<=38.45	Pass
	847.5	1	0	21.72	-0.75	18.82	<=38.45	Pass
			7	21.65	-0.75	18.75	<=38.45	Pass
			14	21.48	-0.75	18.58	<=38.45	Pass
		8	0	20.68	-0.75	17.78	<=38.45	Pass
			4	20.65	-0.75	17.75	<=38.45	Pass
			7	20.69	-0.75	17.79	<=38.45	Pass
		15	0	20.65	-0.75	17.75	<=38.45	Pass
	825.5	1	0	17.84	-0.75	14.94	<=38.45	Pass
			7	17.69	-0.75	14.79	<=38.45	Pass
			14	17.77	-0.75	14.87	<=38.45	Pass
		8	0	17.78	-0.75	14.88	<=38.45	Pass
			4	17.63	-0.75	14.73	<=38.45	Pass
			7	17.65	-0.75	14.75	<=38.45	Pass
		15	0	17.61	-0.75	14.71	<=38.45	Pass
256QAM	836.5	1	0	17.64	-0.75	14.74	<=38.45	Pass
			7	17.86	-0.75	14.96	<=38.45	Pass
			14	17.71	-0.75	14.81	<=38.45	Pass
		8	0	17.72	-0.75	14.82	<=38.45	Pass
			4	17.67	-0.75	14.77	<=38.45	Pass
			7	17.73	-0.75	14.83	<=38.45	Pass
		15	0	17.65	-0.75	14.75	<=38.45	Pass
	847.5	1	0	17.65	-0.75	14.75	<=38.45	Pass
			7	17.43	-0.75	14.53	<=38.45	Pass
			14	17.38	-0.75	14.48	<=38.45	Pass
		8	0	17.62	-0.75	14.72	<=38.45	Pass
			4	17.64	-0.75	14.74	<=38.45	Pass
			7	17.58	-0.75	14.68	<=38.45	Pass
		15	0	17.63	-0.75	14.73	<=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	22.71	-0.75	19.81	<=38.45	Pass
			13	22.71	-0.75	19.81	<=38.45	Pass
			24	22.63	-0.75	19.73	<=38.45	Pass
		12	0	21.68	-0.75	18.78	<=38.45	Pass
			6	21.74	-0.75	18.84	<=38.45	Pass
			13	21.63	-0.75	18.73	<=38.45	Pass
		25	0	21.74	-0.75	18.84	<=38.45	Pass
	836.5	1	0	22.66	-0.75	19.76	<=38.45	Pass
			13	22.64	-0.75	19.74	<=38.45	Pass
			24	22.62	-0.75	19.72	<=38.45	Pass
		12	0	21.61	-0.75	18.71	<=38.45	Pass
			6	21.62	-0.75	18.72	<=38.45	Pass
			13	21.72	-0.75	18.82	<=38.45	Pass

	846.5	25	0	21.64	-0.75	18.74	<=38.45	Pass
		1	0	22.37	-0.75	19.47	<=38.45	Pass
			13	22.63	-0.75	19.73	<=38.45	Pass
			24	22.51	-0.75	19.61	<=38.45	Pass
		12	0	21.56	-0.75	18.66	<=38.45	Pass
			6	21.52	-0.75	18.62	<=38.45	Pass
			13	21.60	-0.75	18.70	<=38.45	Pass
		25	0	21.45	-0.75	18.55	<=38.45	Pass
16QAM	826.5	1	0	22.01	-0.75	19.11	<=38.45	Pass
			13	21.96	-0.75	19.06	<=38.45	Pass
			24	21.76	-0.75	18.86	<=38.45	Pass
		12	0	20.69	-0.75	17.79	<=38.45	Pass
			6	20.90	-0.75	18.00	<=38.45	Pass
			13	20.72	-0.75	17.82	<=38.45	Pass
		25	0	20.75	-0.75	17.85	<=38.45	Pass
	836.5	1	0	22.10	-0.75	19.20	<=38.45	Pass
			13	21.84	-0.75	18.94	<=38.45	Pass
			24	22.03	-0.75	19.13	<=38.45	Pass
		12	0	20.60	-0.75	17.70	<=38.45	Pass
			6	20.79	-0.75	17.89	<=38.45	Pass
			13	20.74	-0.75	17.84	<=38.45	Pass
		25	0	20.66	-0.75	17.76	<=38.45	Pass
	846.5	1	0	22.10	-0.75	19.20	<=38.45	Pass
			13	21.85	-0.75	18.95	<=38.45	Pass
			24	21.89	-0.75	18.99	<=38.45	Pass
		12	0	20.54	-0.75	17.64	<=38.45	Pass
			6	20.57	-0.75	17.67	<=38.45	Pass
			13	20.61	-0.75	17.71	<=38.45	Pass
		25	0	20.57	-0.75	17.67	<=38.45	Pass
64QAM	826.5	1	0	21.76	-0.75	18.86	<=38.45	Pass
			13	21.80	-0.75	18.90	<=38.45	Pass
			24	21.79	-0.75	18.89	<=38.45	Pass
		12	0	20.69	-0.75	17.79	<=38.45	Pass
			6	20.85	-0.75	17.95	<=38.45	Pass
			13	20.78	-0.75	17.88	<=38.45	Pass
		25	0	20.74	-0.75	17.84	<=38.45	Pass
	836.5	1	0	21.82	-0.75	18.92	<=38.45	Pass
			13	21.66	-0.75	18.76	<=38.45	Pass
			24	21.58	-0.75	18.68	<=38.45	Pass
		12	0	20.50	-0.75	17.60	<=38.45	Pass
			6	20.76	-0.75	17.86	<=38.45	Pass
			13	20.74	-0.75	17.84	<=38.45	Pass
		25	0	20.58	-0.75	17.68	<=38.45	Pass
	846.5	1	0	21.45	-0.75	18.55	<=38.45	Pass
			13	21.79	-0.75	18.89	<=38.45	Pass
			24	21.66	-0.75	18.76	<=38.45	Pass
		12	0	20.47	-0.75	17.57	<=38.45	Pass
			6	20.56	-0.75	17.66	<=38.45	Pass
			13	20.60	-0.75	17.70	<=38.45	Pass
		25	0	20.52	-0.75	17.62	<=38.45	Pass
256QAM	826.5	1	0	17.66	-0.75	14.76	<=38.45	Pass
			13	17.89	-0.75	14.99	<=38.45	Pass
			24	17.64	-0.75	14.74	<=38.45	Pass



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		12	0	17.69	-0.75	14.79	<=38.45	Pass
			6	17.66	-0.75	14.76	<=38.45	Pass
			13	17.74	-0.75	14.84	<=38.45	Pass
		25	0	17.69	-0.75	14.79	<=38.45	Pass
			0	17.71	-0.75	14.81	<=38.45	Pass
			13	17.67	-0.75	14.77	<=38.45	Pass
		1	24	17.85	-0.75	14.95	<=38.45	Pass
			0	17.66	-0.75	14.76	<=38.45	Pass
			6	17.80	-0.75	14.90	<=38.45	Pass
	836.5	12	13	17.73	-0.75	14.83	<=38.45	Pass
			0	17.63	-0.75	14.73	<=38.45	Pass
			0	17.69	-0.75	14.79	<=38.45	Pass
		1	13	17.67	-0.75	14.77	<=38.45	Pass
			24	17.68	-0.75	14.78	<=38.45	Pass
			0	17.60	-0.75	14.70	<=38.45	Pass
		12	6	17.70	-0.75	14.80	<=38.45	Pass
			13	17.65	-0.75	14.75	<=38.45	Pass
			0	17.66	-0.75	14.76	<=38.45	Pass
	846.5	25	0	17.66	-0.75	14.76	<=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	22.64	-0.75	19.74	<=38.45	Pass
			25	22.62	-0.75	19.72	<=38.45	Pass
			49	22.65	-0.75	19.75	<=38.45	Pass
		25	0	21.76	-0.75	18.86	<=38.45	Pass
			13	21.74	-0.75	18.84	<=38.45	Pass
			25	21.73	-0.75	18.83	<=38.45	Pass
		50	0	21.78	-0.75	18.88	<=38.45	Pass
			0	22.64	-0.75	19.74	<=38.45	Pass
			25	22.63	-0.75	19.73	<=38.45	Pass
	836.5	1	49	22.61	-0.75	19.71	<=38.45	Pass
			0	21.60	-0.75	18.70	<=38.45	Pass
			13	21.64	-0.75	18.74	<=38.45	Pass
		25	25	21.74	-0.75	18.84	<=38.45	Pass
			0	21.64	-0.75	18.74	<=38.45	Pass
			0	21.64	-0.75	18.74	<=38.45	Pass
		50	0	21.64	-0.75	18.74	<=38.45	Pass
			0	22.85	-0.75	19.95	<=38.45	Pass
			25	22.60	-0.75	19.70	<=38.45	Pass
	844	1	49	22.54	-0.75	19.64	<=38.45	Pass
			0	21.71	-0.75	18.81	<=38.45	Pass
			13	21.68	-0.75	18.78	<=38.45	Pass
		25	25	21.64	-0.75	18.74	<=38.45	Pass
			0	21.53	-0.75	18.63	<=38.45	Pass
			0	21.90	-0.75	19.00	<=38.45	Pass
		1	25	21.97	-0.75	19.07	<=38.45	Pass
			49	21.95	-0.75	19.05	<=38.45	Pass
			0	20.76	-0.75	17.86	<=38.45	Pass
16QAM	829	25	13	20.74	-0.75	17.84	<=38.45	Pass

		50	25	20.69	-0.75	17.79	<=38.45	Pass
			0	20.76	-0.75	17.86	<=38.45	Pass
			0	21.71	-0.75	18.81	<=38.45	Pass
	836.5	1	25	21.94	-0.75	19.04	<=38.45	Pass
			49	21.79	-0.75	18.89	<=38.45	Pass
			0	20.69	-0.75	17.79	<=38.45	Pass
		25	13	20.73	-0.75	17.83	<=38.45	Pass
			25	20.64	-0.75	17.74	<=38.45	Pass
			0	20.57	-0.75	17.67	<=38.45	Pass
	844	1	0	22.00	-0.75	19.10	<=38.45	Pass
			25	21.97	-0.75	19.07	<=38.45	Pass
			49	21.93	-0.75	19.03	<=38.45	Pass
		25	0	20.72	-0.75	17.82	<=38.45	Pass
			13	20.60	-0.75	17.70	<=38.45	Pass
			25	20.64	-0.75	17.74	<=38.45	Pass
64QAM	829	1	0	20.63	-0.75	17.73	<=38.45	Pass
			0	21.73	-0.75	18.83	<=38.45	Pass
			25	21.72	-0.75	18.82	<=38.45	Pass
		25	49	21.81	-0.75	18.91	<=38.45	Pass
			0	20.73	-0.75	17.83	<=38.45	Pass
			13	20.74	-0.75	17.84	<=38.45	Pass
	836.5	1	25	20.72	-0.75	17.82	<=38.45	Pass
			0	20.68	-0.75	17.78	<=38.45	Pass
			0	21.85	-0.75	18.95	<=38.45	Pass
		25	25	21.83	-0.75	18.93	<=38.45	Pass
			49	21.69	-0.75	18.79	<=38.45	Pass
			0	20.61	-0.75	17.71	<=38.45	Pass
	844	1	13	20.61	-0.75	17.71	<=38.45	Pass
			25	20.65	-0.75	17.75	<=38.45	Pass
			0	20.64	-0.75	17.74	<=38.45	Pass
		25	0	21.73	-0.75	18.83	<=38.45	Pass
			25	21.95	-0.75	19.05	<=38.45	Pass
			49	21.68	-0.75	18.78	<=38.45	Pass
256QAM	829	1	0	20.71	-0.75	17.81	<=38.45	Pass
			13	20.67	-0.75	17.77	<=38.45	Pass
			25	20.65	-0.75	17.75	<=38.45	Pass
		25	0	20.54	-0.75	17.64	<=38.45	Pass
			0	17.89	-0.75	14.99	<=38.45	Pass
			25	17.86	-0.75	14.96	<=38.45	Pass
	836.5	1	49	17.82	-0.75	14.92	<=38.45	Pass
			0	17.74	-0.75	14.84	<=38.45	Pass
			13	17.70	-0.75	14.80	<=38.45	Pass
		25	25	17.72	-0.75	14.82	<=38.45	Pass
			0	17.74	-0.75	14.84	<=38.45	Pass
			0	17.53	-0.75	14.63	<=38.45	Pass
	844	1	25	17.80	-0.75	14.90	<=38.45	Pass
			49	17.86	-0.75	14.96	<=38.45	Pass
			0	17.67	-0.75	14.77	<=38.45	Pass
		25	13	17.68	-0.75	14.78	<=38.45	Pass
			25	17.72	-0.75	14.82	<=38.45	Pass
			0	17.65	-0.75	14.75	<=38.45	Pass
	844	1	0	17.77	-0.75	14.87	<=38.45	Pass
			25	17.70	-0.75	14.80	<=38.45	Pass



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			49	17.57	-0.75	14.67	<=38.45	Pass
		25	0	17.54	-0.75	14.64	<=38.45	Pass
			13	17.57	-0.75	14.67	<=38.45	Pass
			25	17.69	-0.75	14.79	<=38.45	Pass
		50	0	17.67	-0.75	14.77	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	836.5	50	0	20	3.27	-1.700	-0.0020	-2.5 to 2.5	Pass
					3.85	-2.400	-0.0029	-2.5 to 2.5	Pass
					4.43	-2.600	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-1.900	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-0.800	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-2.500	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-1.700	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-3.200	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.200	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-1.500	-0.0018	-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	1.080	/	Pass
	16QAM	836.5	6	0	1.084	/	Pass
	64QAM	836.5	6	0	1.082	/	Pass
	256QAM	836.5	6	0	1.081	/	Pass
3	QPSK	836.5	15	0	2.696	/	Pass
	16QAM	836.5	15	0	2.700	/	Pass
	64QAM	836.5	15	0	2.688	/	Pass
	256QAM	836.5	15	0	2.691	/	Pass
5	QPSK	836.5	25	0	4.486	/	Pass
	16QAM	836.5	25	0	4.481	/	Pass



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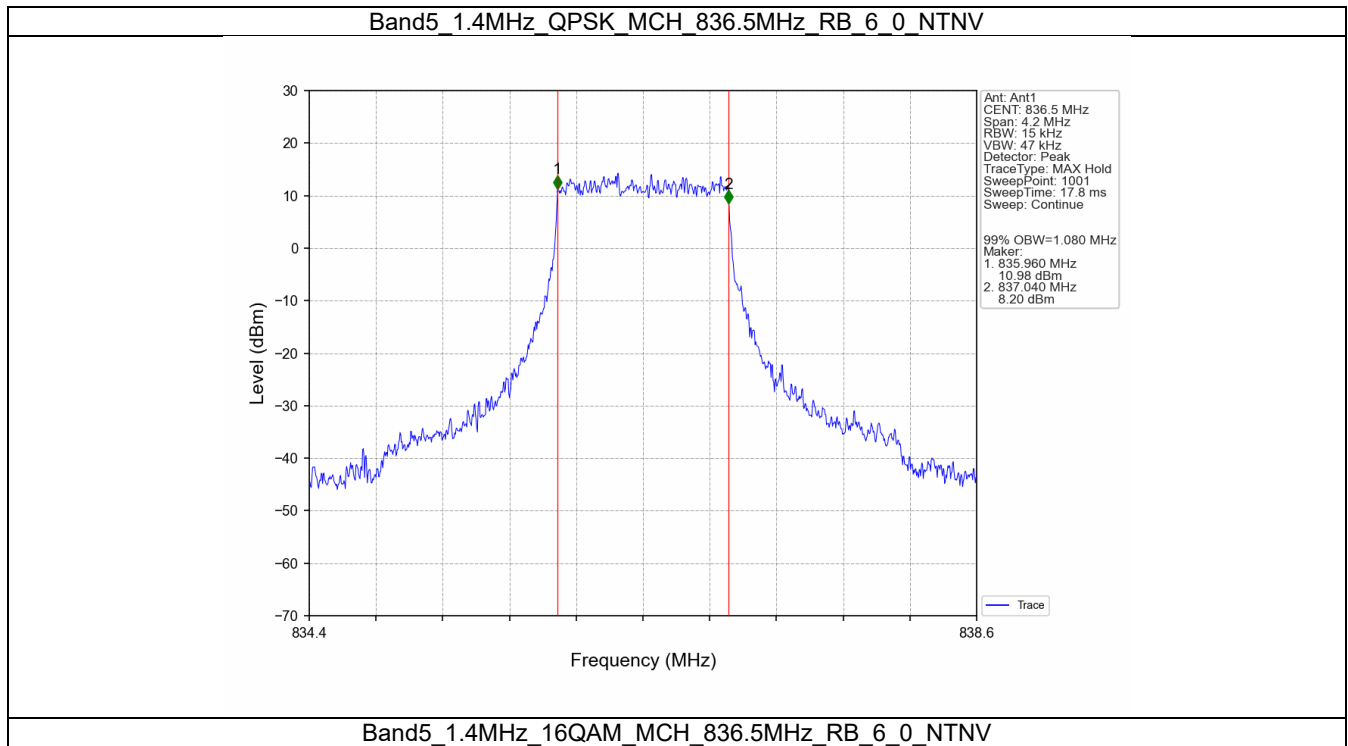
10	64QAM	836.5	25	0	4.483	/	Pass
	256QAM	836.5	25	0	4.492	/	Pass
	QPSK	836.5	50	0	8.976	/	Pass
	16QAM	836.5	50	0	8.947	/	Pass
	64QAM	836.5	50	0	8.958	/	Pass
	256QAM	836.5	50	0	8.947	/	Pass

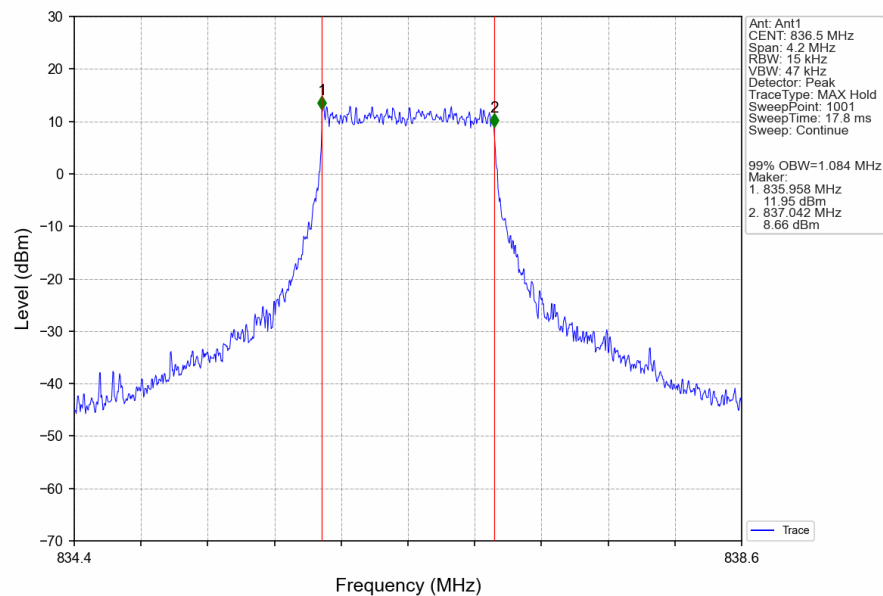
3.1.2 Band5_XDB

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	1.275	/	Pass
	16QAM	836.5	6	0	1.324	/	Pass
	64QAM	836.5	6	0	1.290	/	Pass
	256QAM	836.5	6	0	1.292	/	Pass
3	QPSK	836.5	15	0	2.961	/	Pass
	16QAM	836.5	15	0	2.982	/	Pass
	64QAM	836.5	15	0	2.975	/	Pass
	256QAM	836.5	15	0	2.969	/	Pass
5	QPSK	836.5	25	0	5.016	/	Pass
	16QAM	836.5	25	0	4.988	/	Pass
	64QAM	836.5	25	0	5.021	/	Pass
	256QAM	836.5	25	0	4.938	/	Pass
10	QPSK	836.5	50	0	9.791	/	Pass
	16QAM	836.5	50	0	9.812	/	Pass
	64QAM	836.5	50	0	9.830	/	Pass
	256QAM	836.5	50	0	9.804	/	Pass

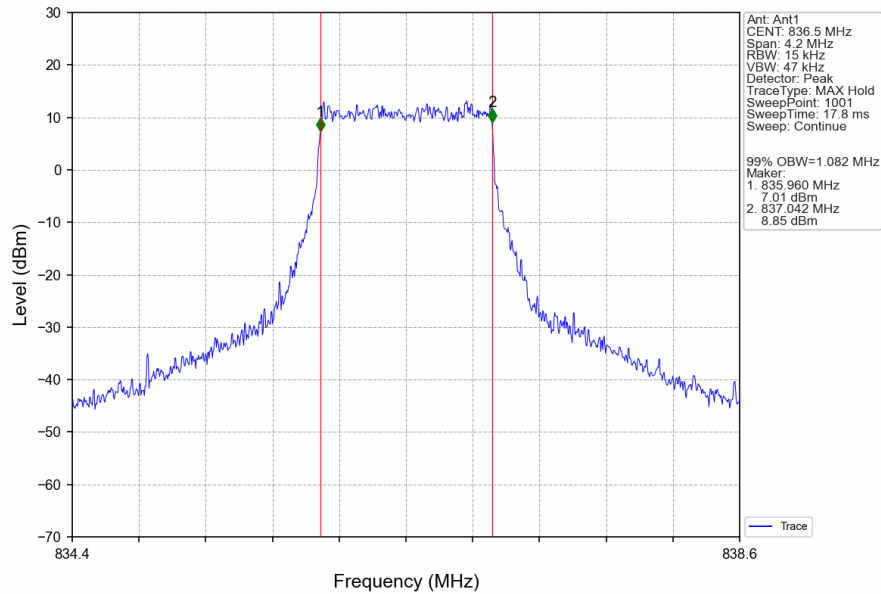
3.2 Test Graph

3.2.1 Band5_OBW

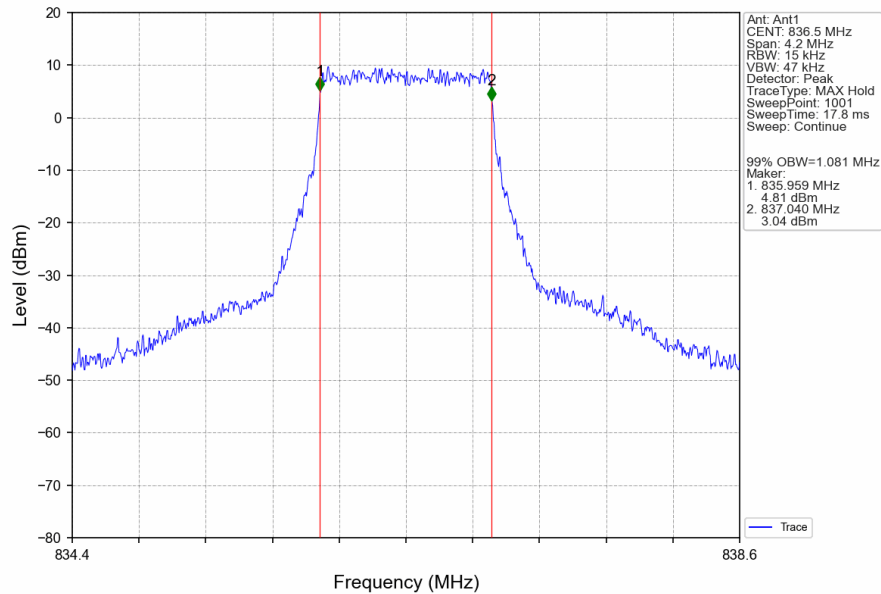




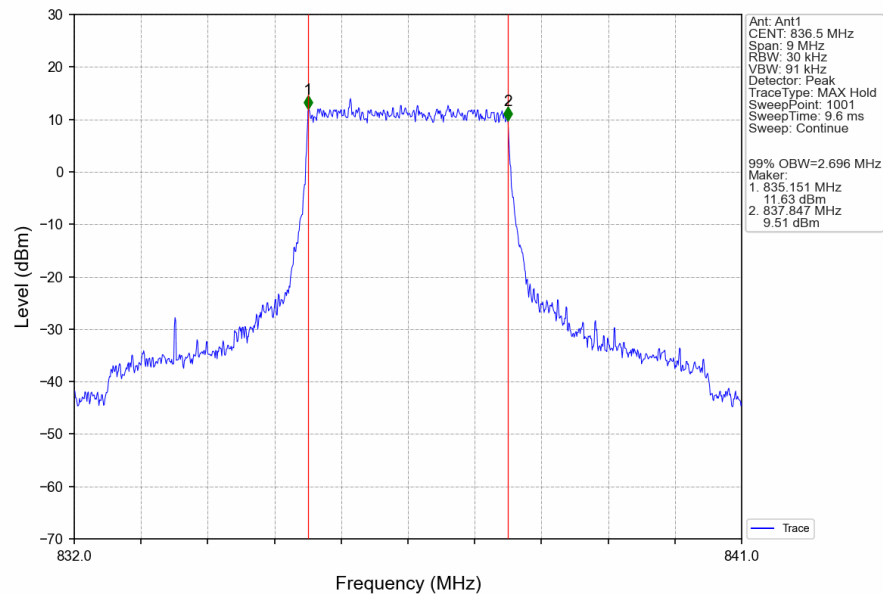
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



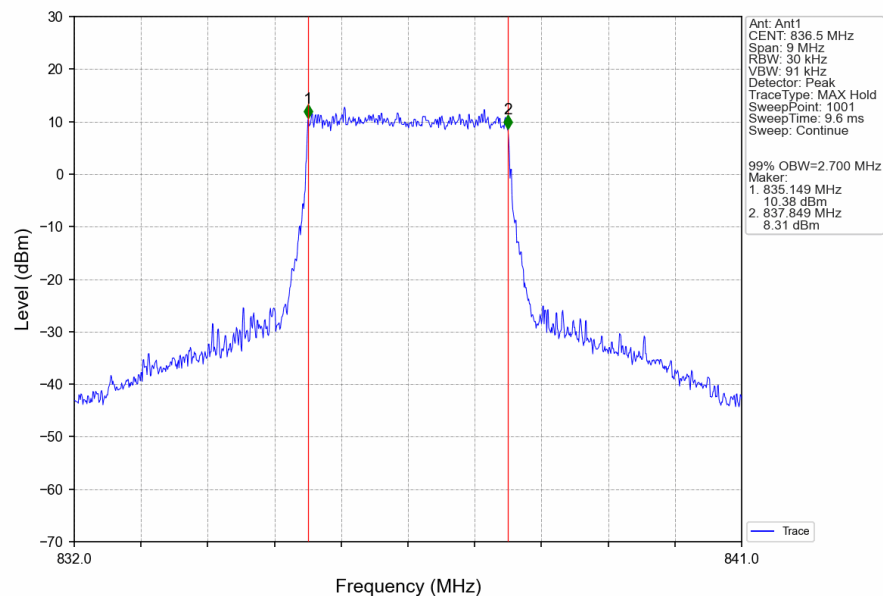
Band5_1.4MHz_256QAM_MCH_836.5MHz_RB_6_0_NTNV



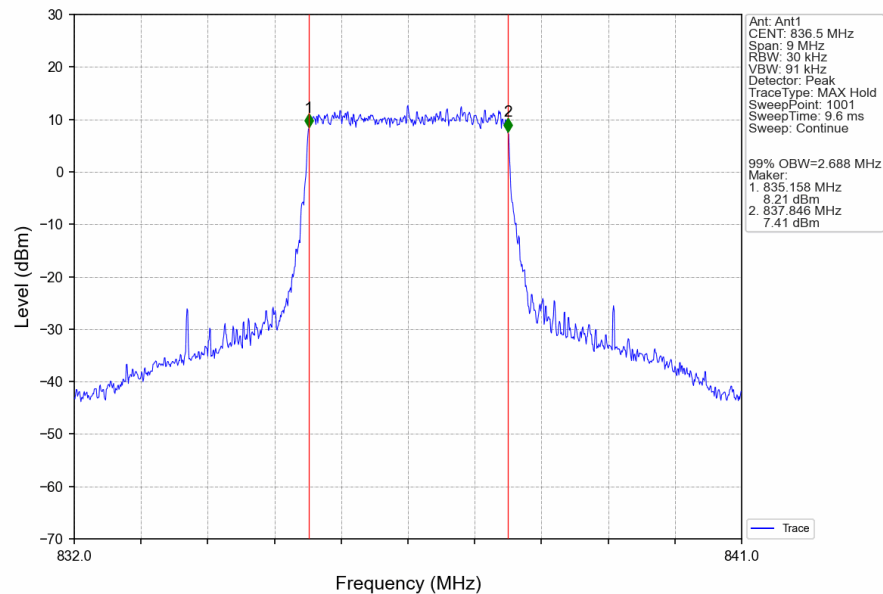
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



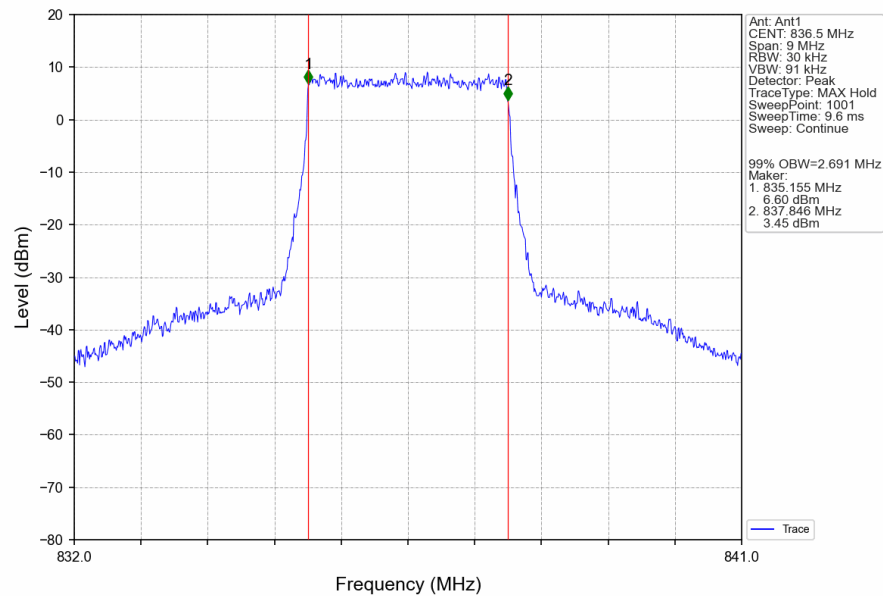
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



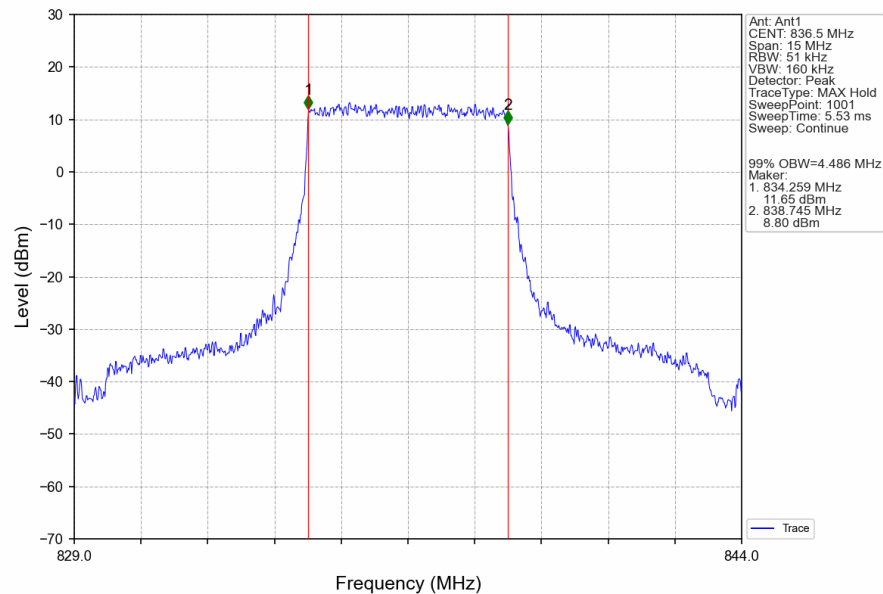
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



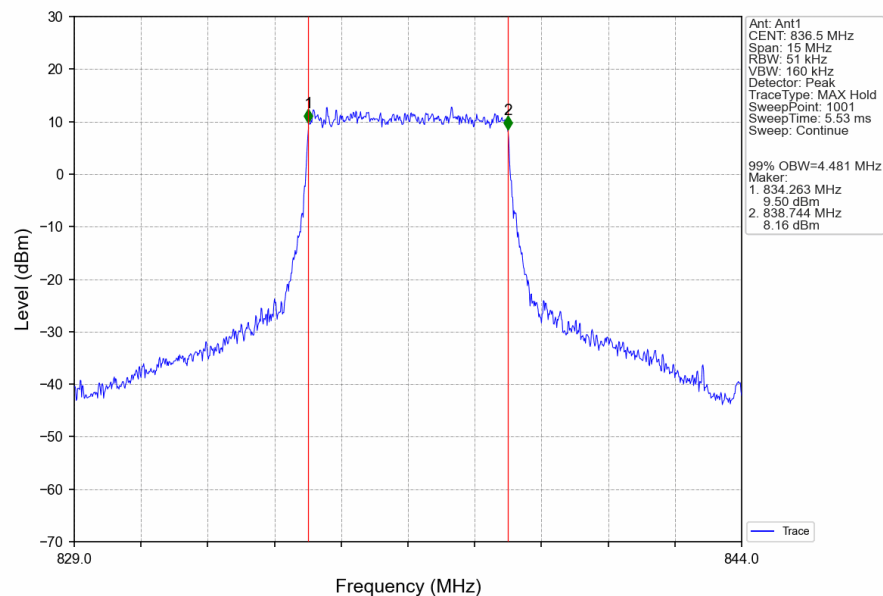
Band5_3MHz_256QAM_MCH_836.5MHz_RB_15_0_NTNV



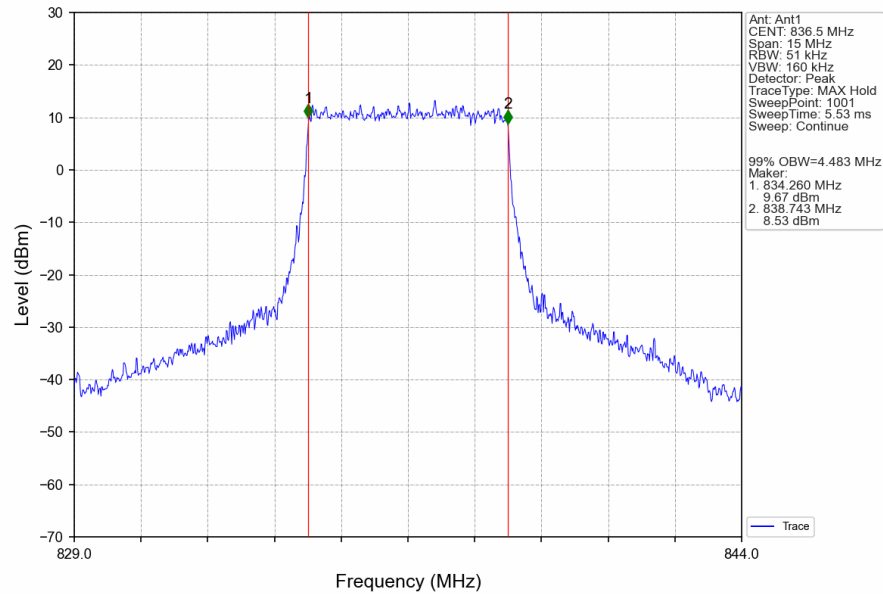
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



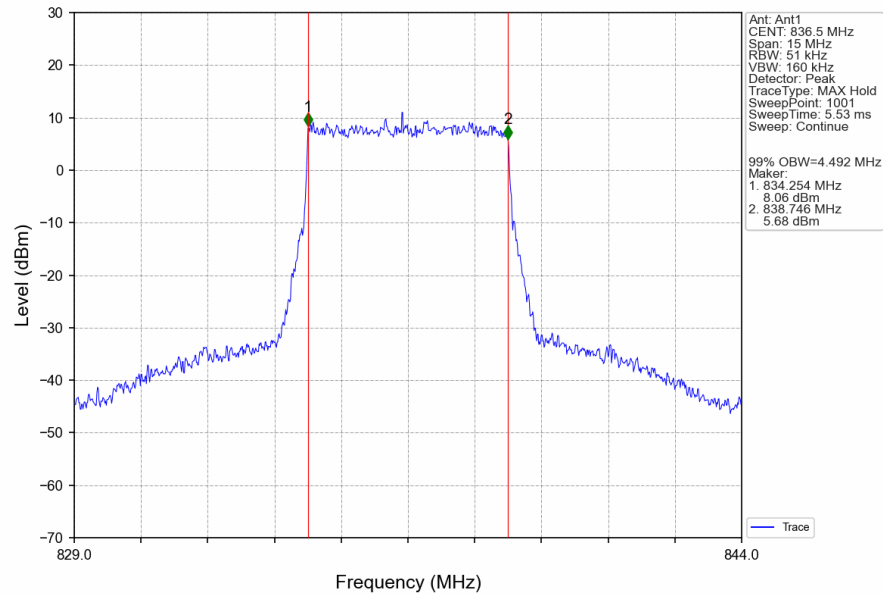
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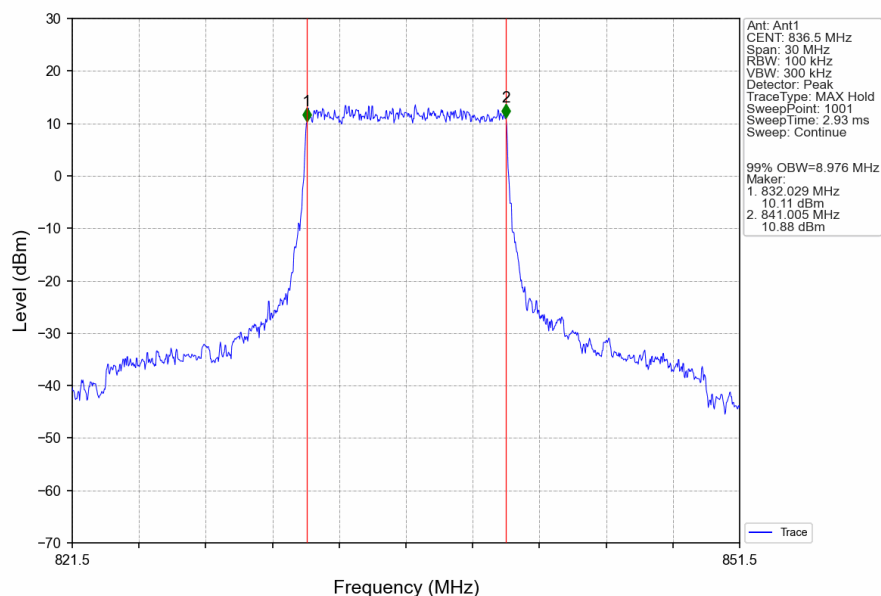
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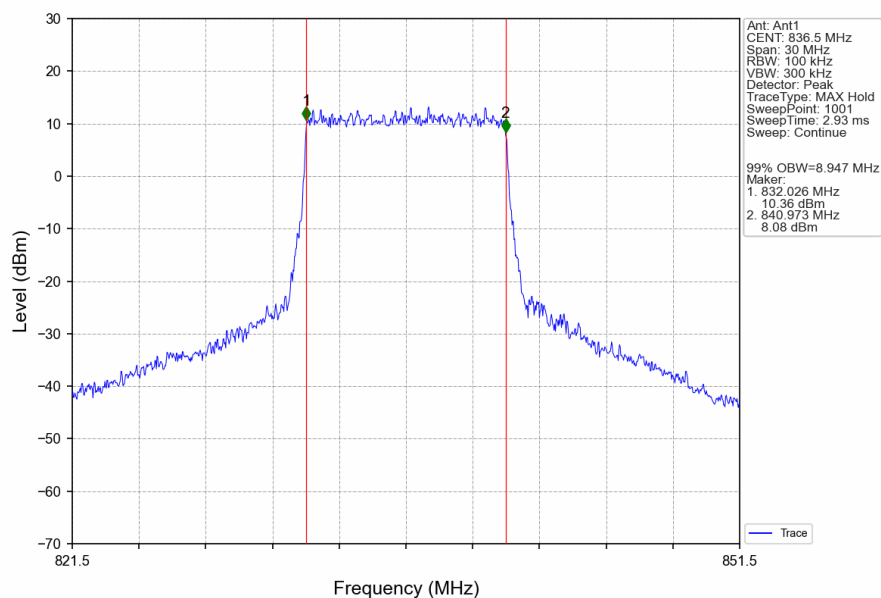
Band5_5MHz_256QAM_MCH_836.5MHz_RB_25_0_NTNV



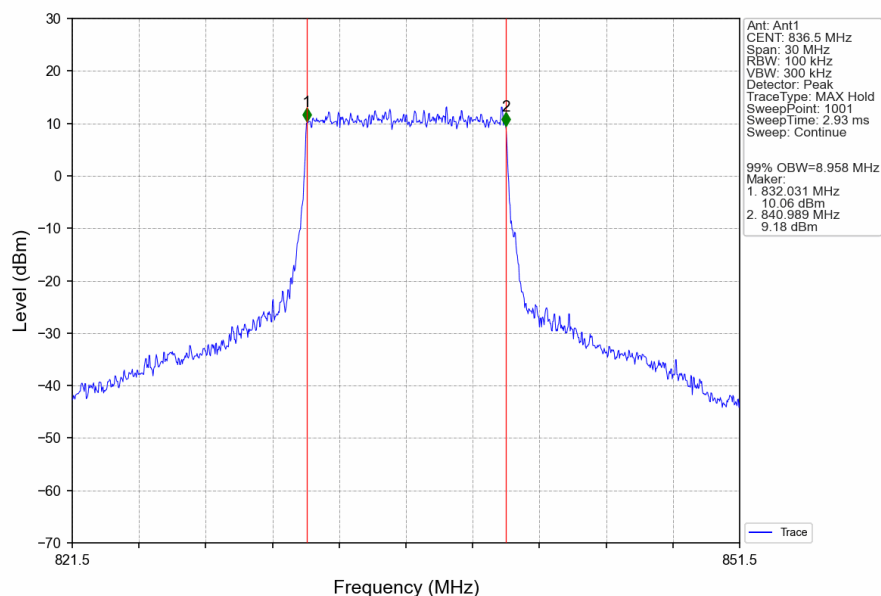
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



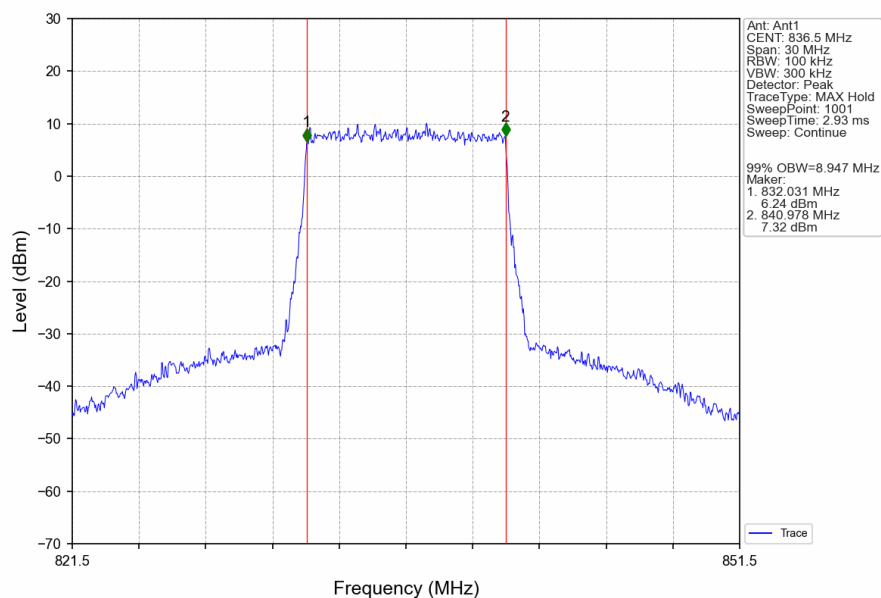
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



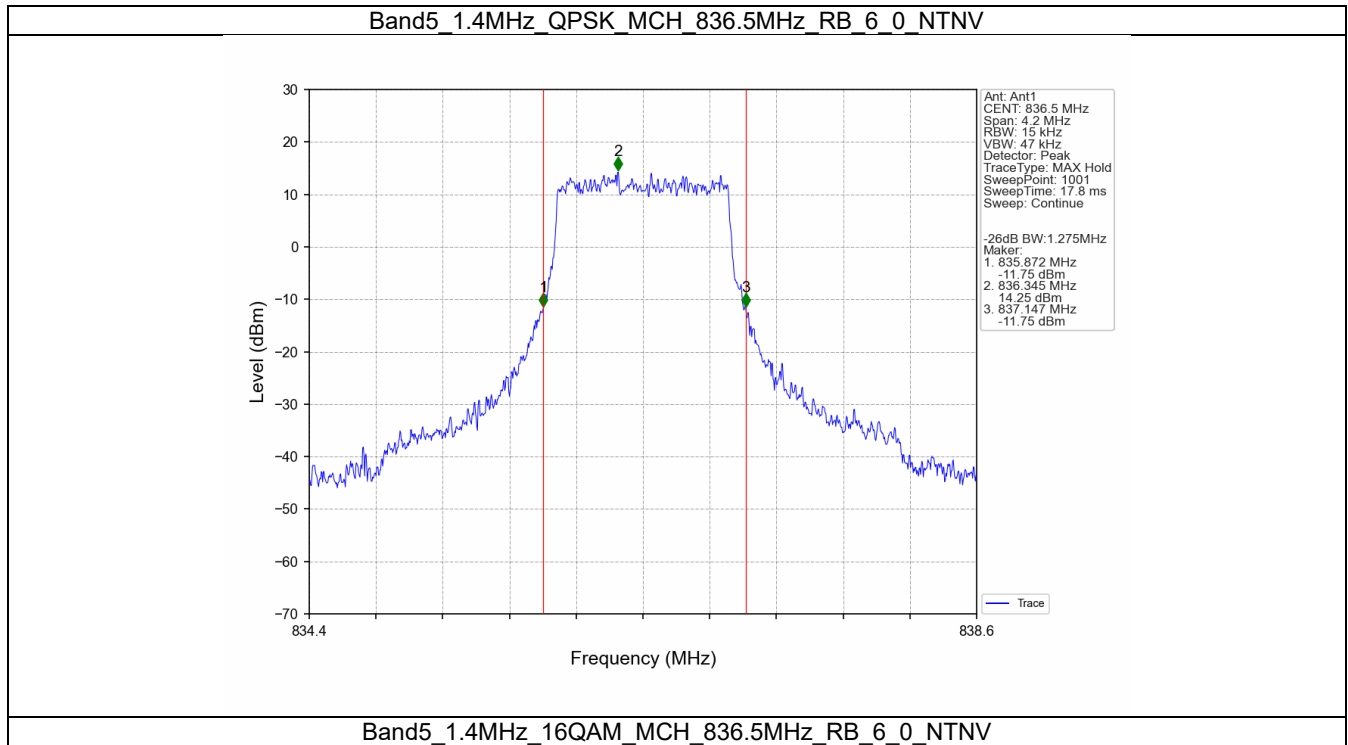
Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV

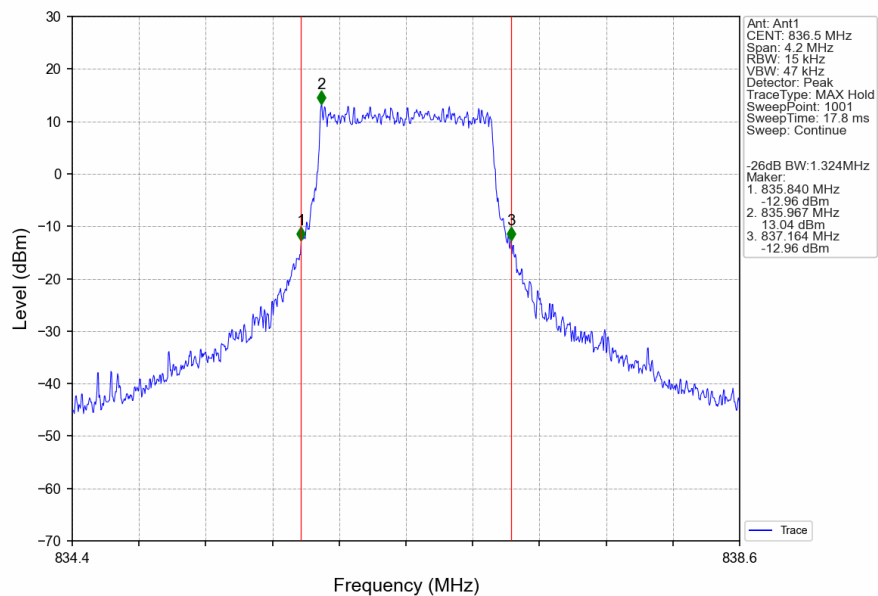


Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV

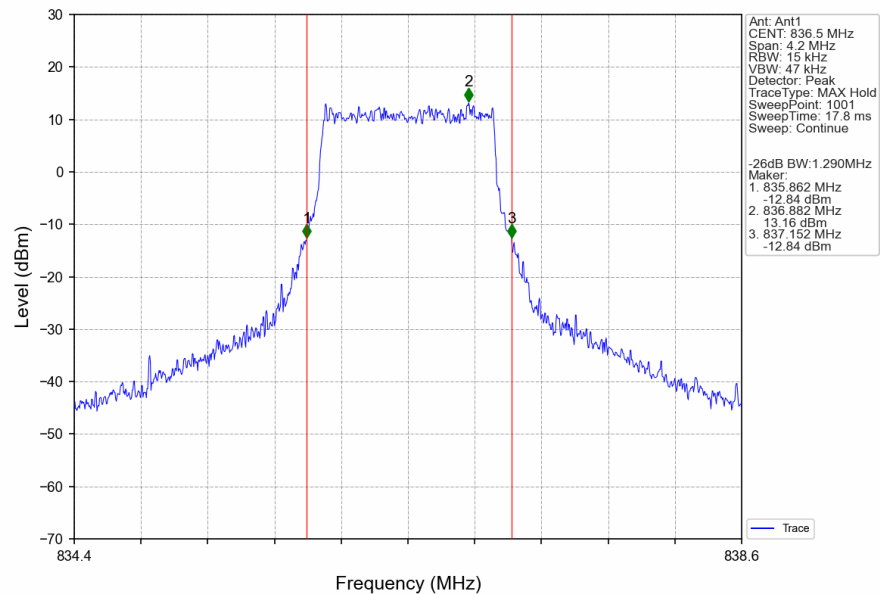


3.2.2 Band5_XDB

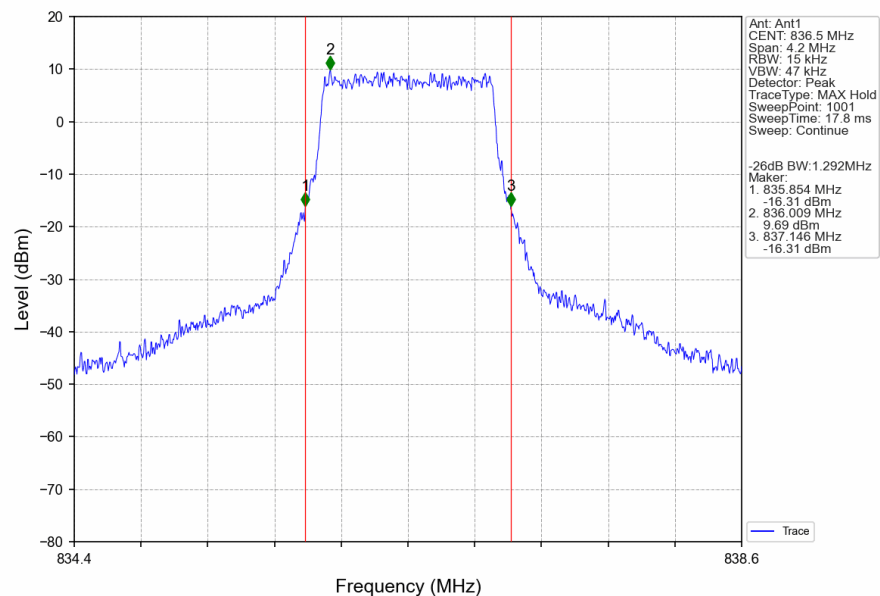




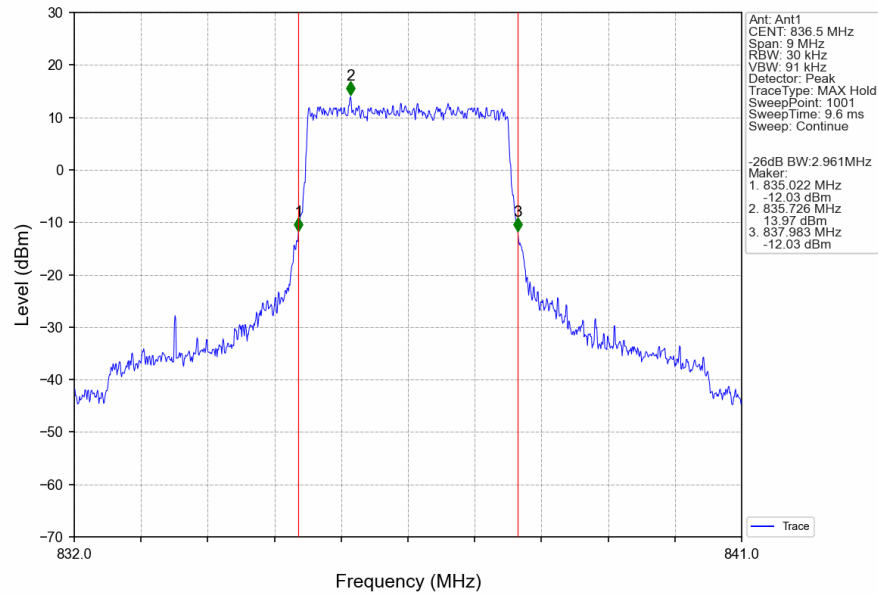
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



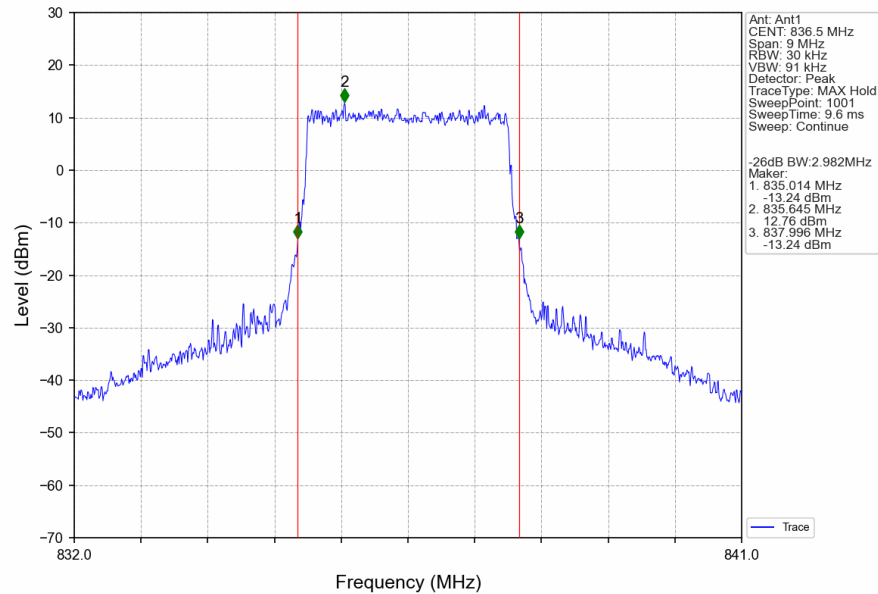
Band5_1.4MHz_256QAM_MCH_836.5MHz_RB_6_0_NTNV



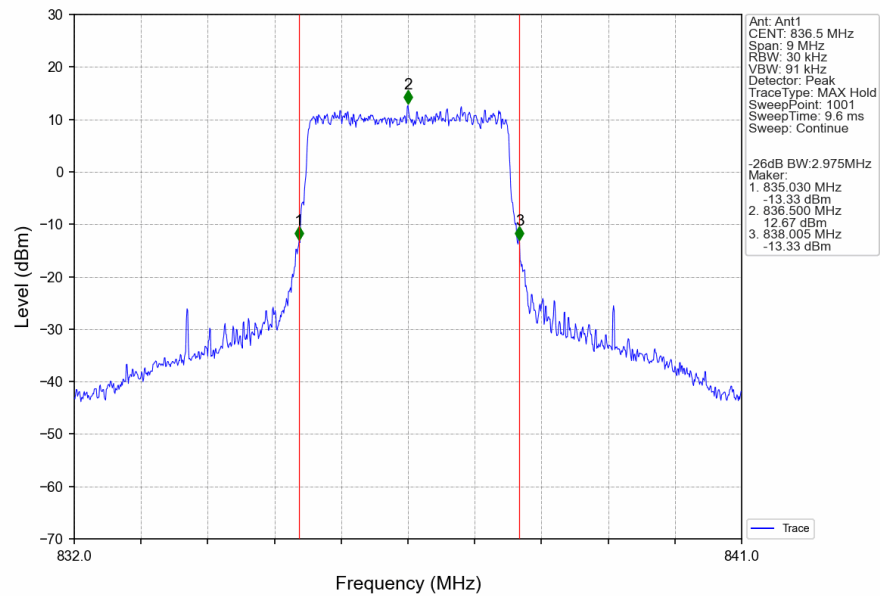
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



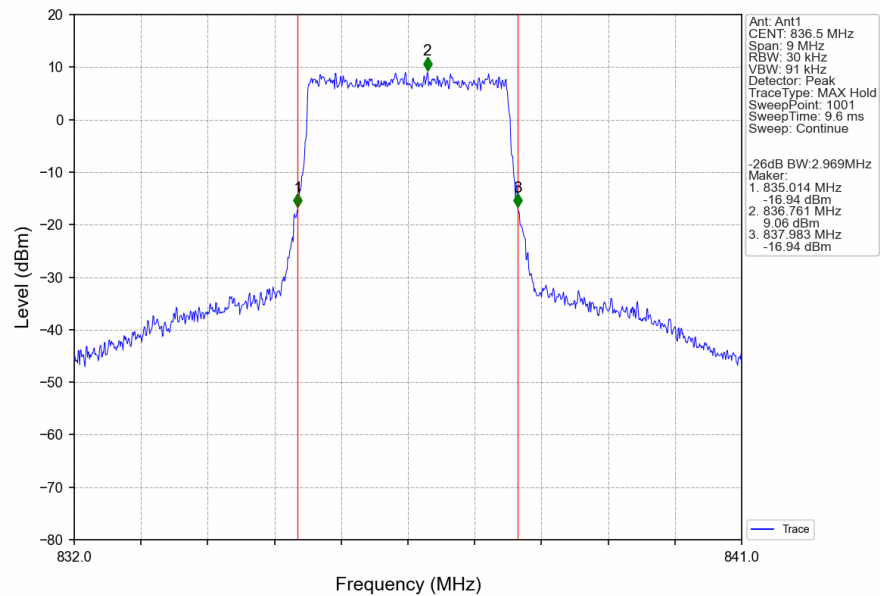
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



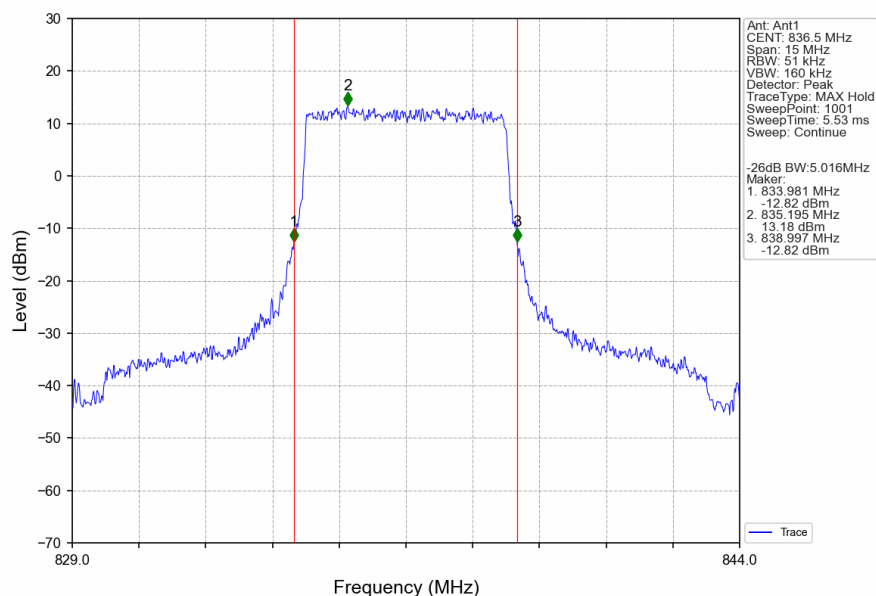
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



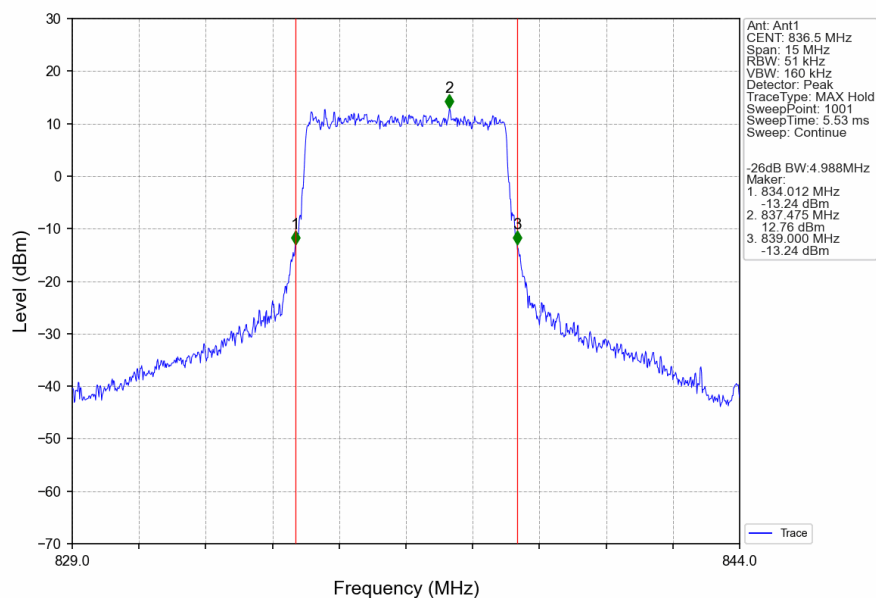
Band5_3MHz_256QAM_MCH_836.5MHz_RB_15_0_NTNV



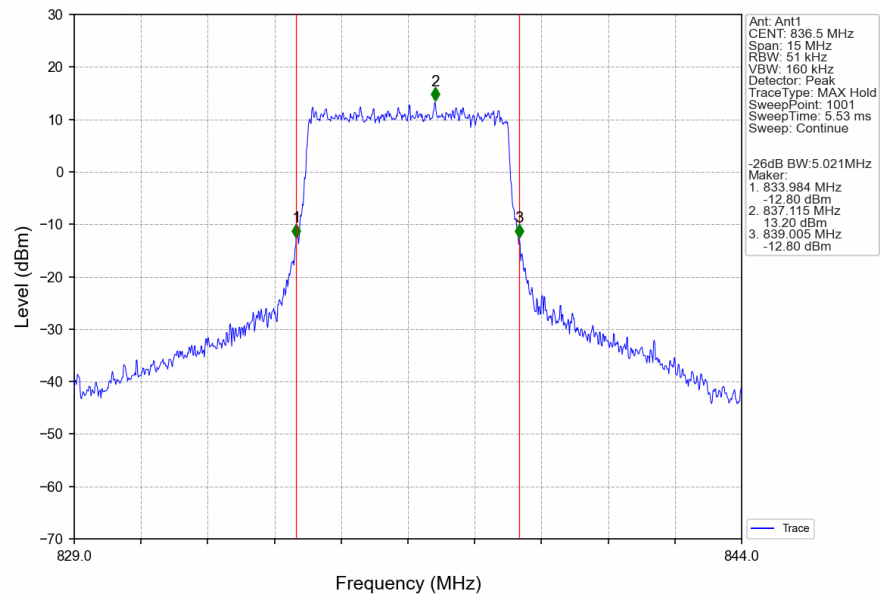
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



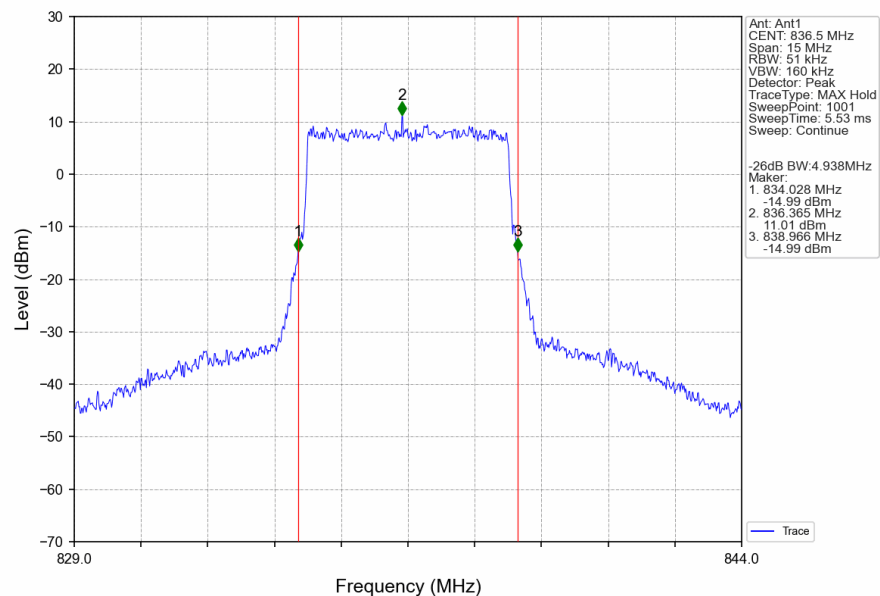
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



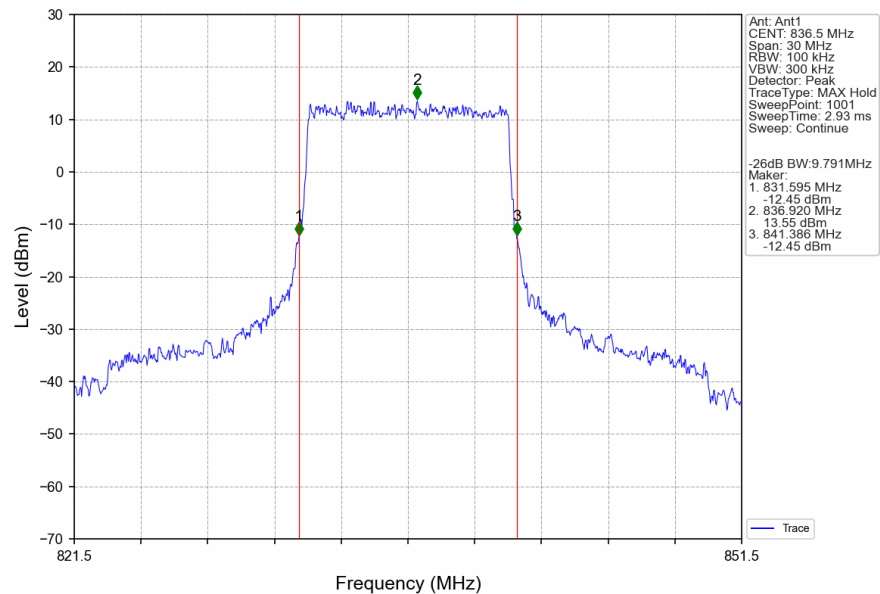
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



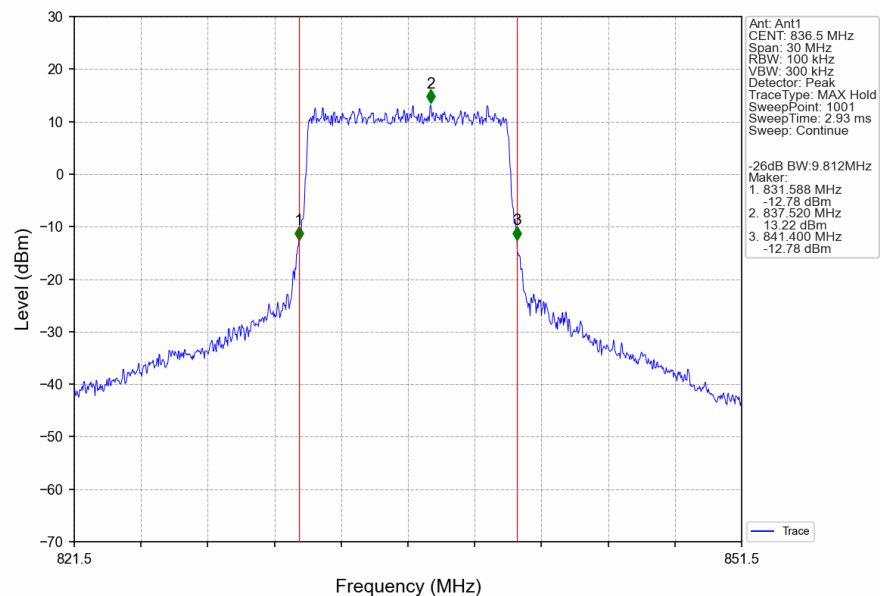
Band5_5MHz_256QAM_MCH_836.5MHz_RB_25_0_NTNV



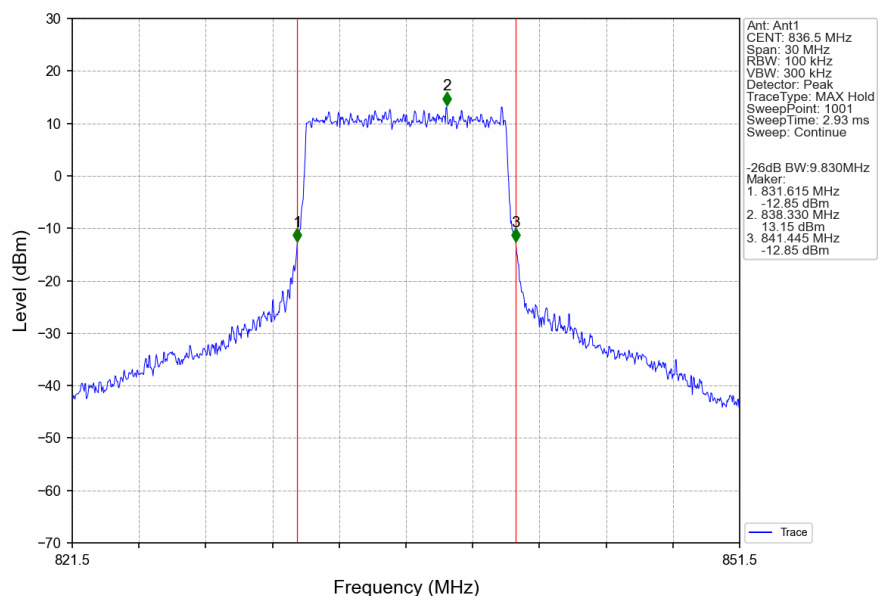
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



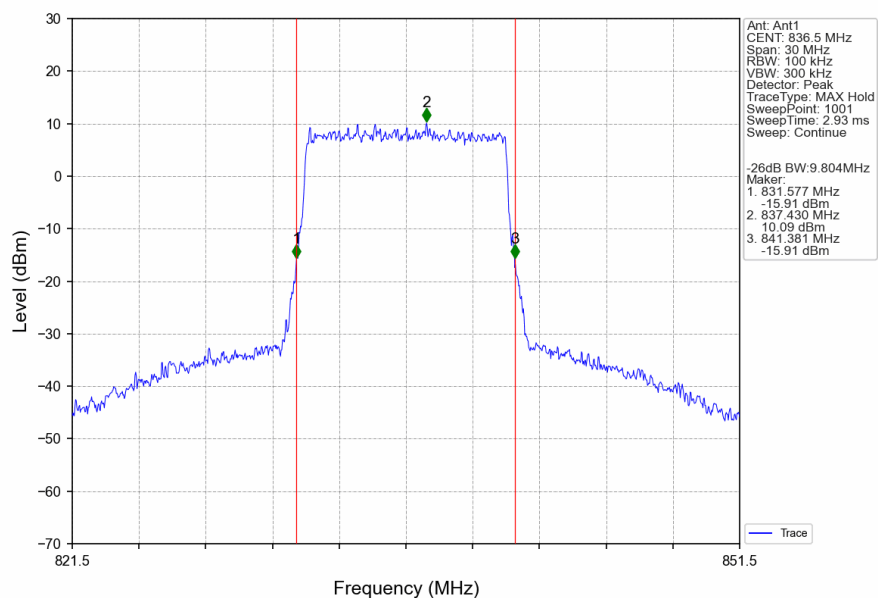
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV





4. Peak-Average Ratio

4.1 Test Result

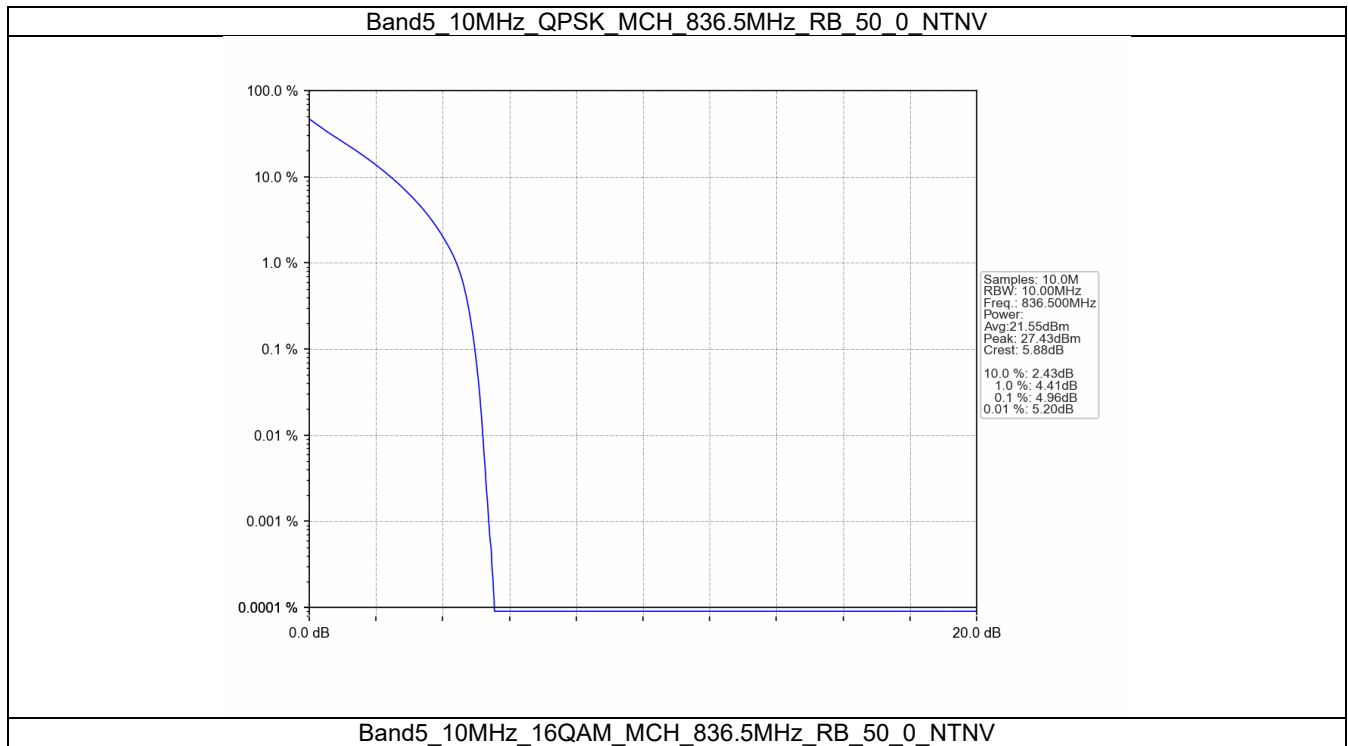
4.1.1 B5_10MHz

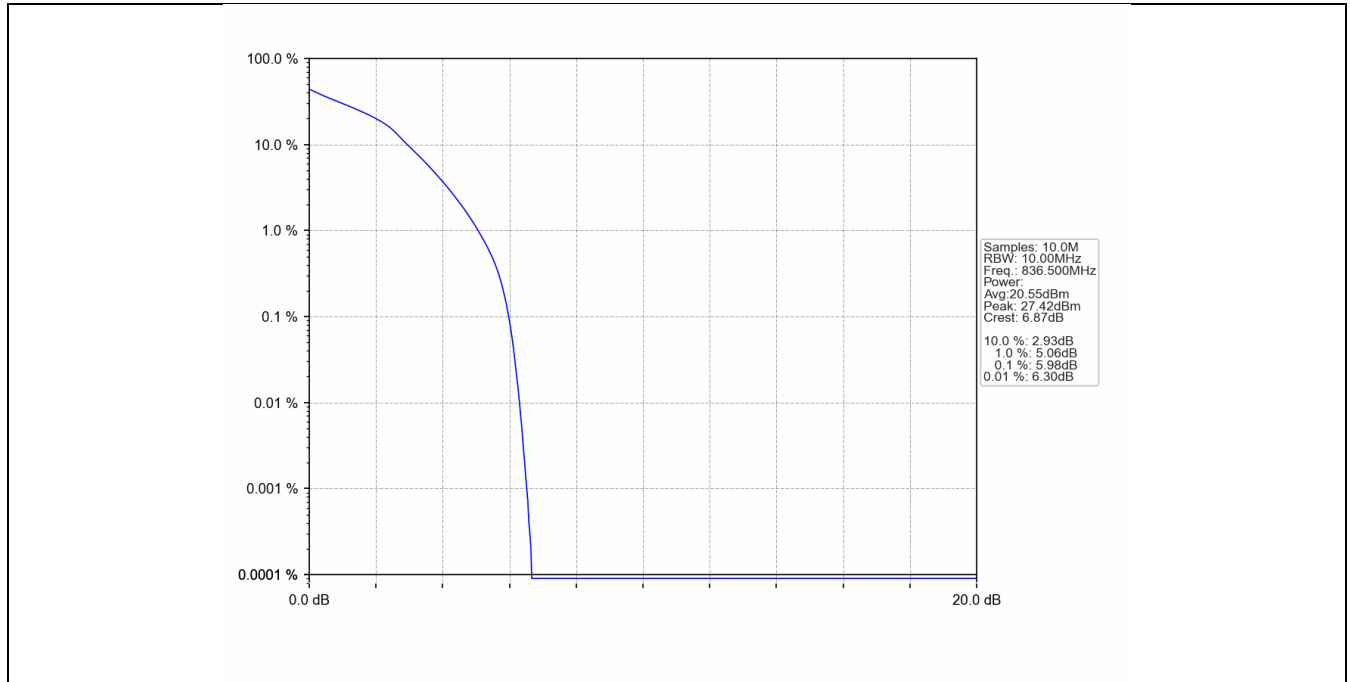
Band: 5 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	4.96	<=13	Pass
16QAM	836.5	50	0	5.98	<=13	Pass
64QAM	836.5	50	0	5.98	<=13	Pass
256QAM	836.5	50	0	6.72	<=13	Pass



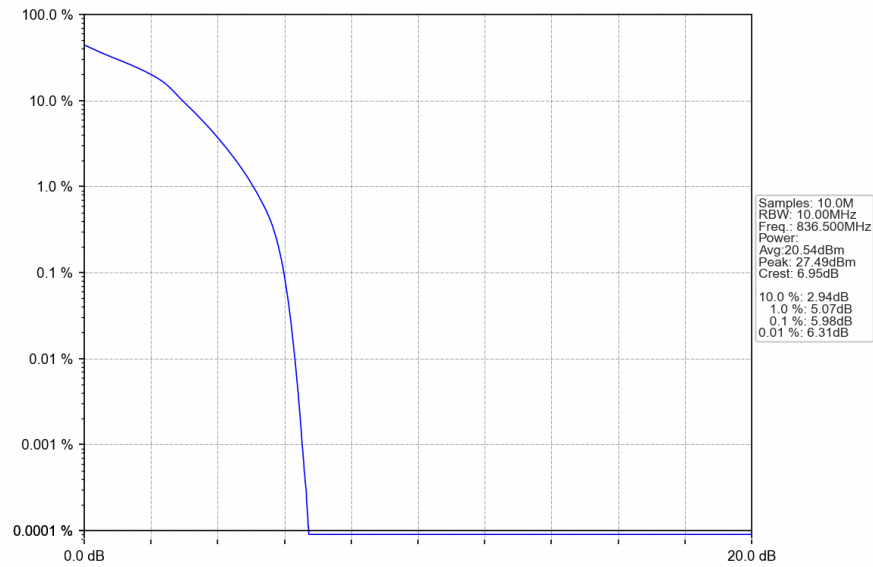
4.2 Test Graph

4.2.1 B5_10MHz

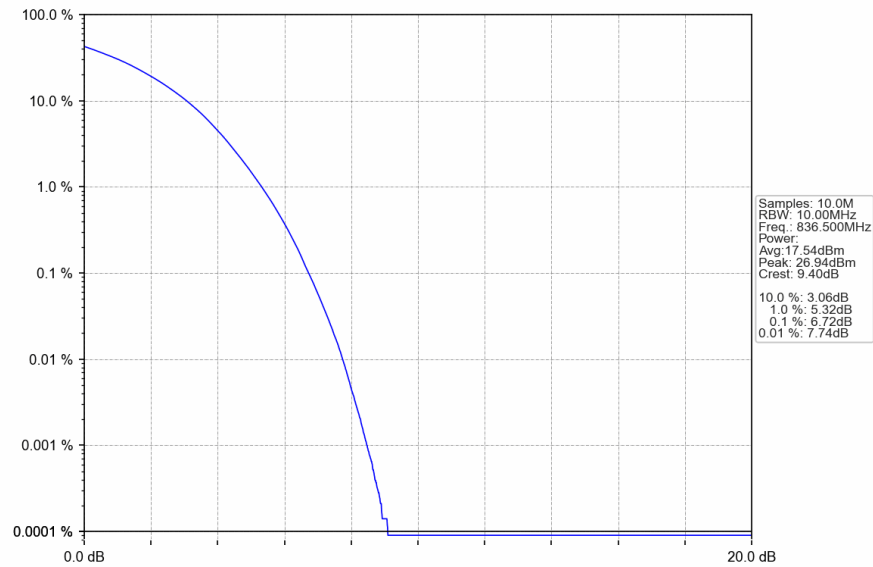




Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



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		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B5_3MHz

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

5.1.3 B5_5MHz

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

5.1.4 B5_10MHz

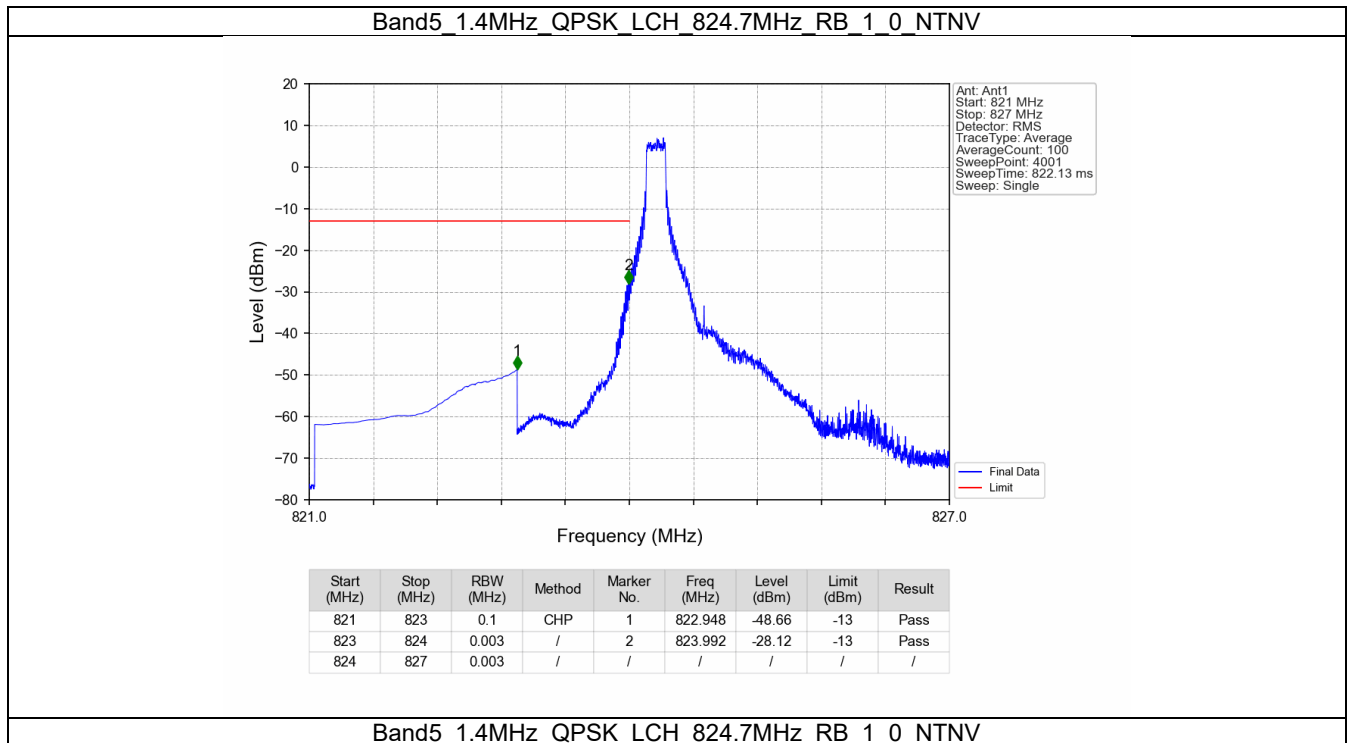
Band: 5 / Bandwidth: 10MHz / NTNV				
Modulation	Frequency	RB Allocation	Spurious Emission	Verdict

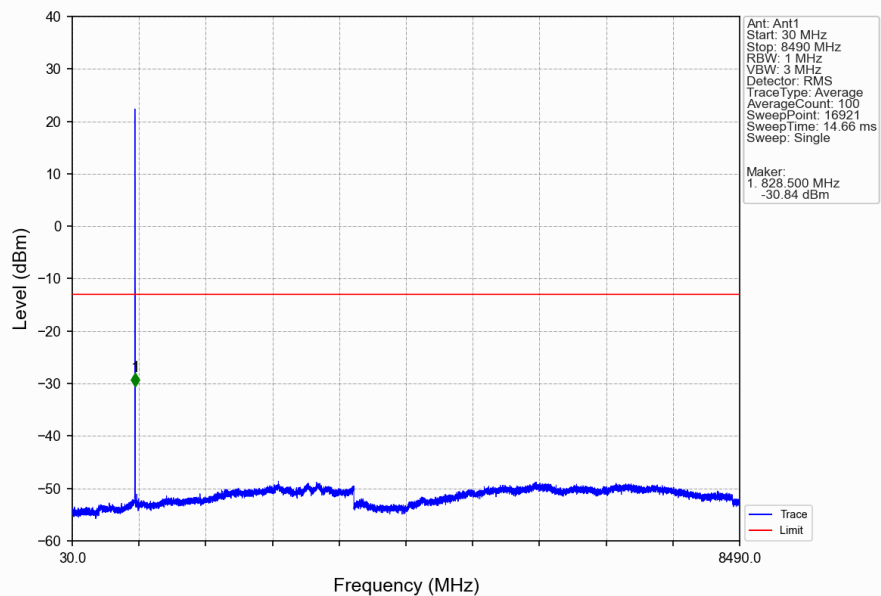


	(MHz)	Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

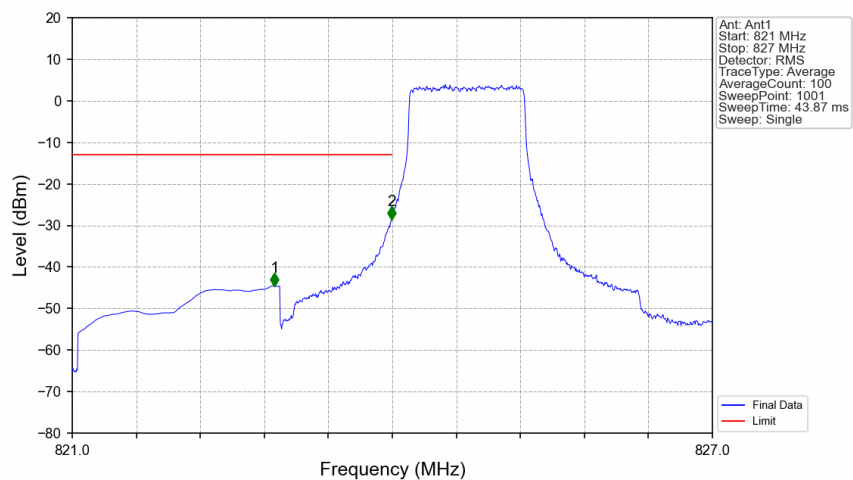
5.2 Test Graph

5.2.1 B5_1.4MHz



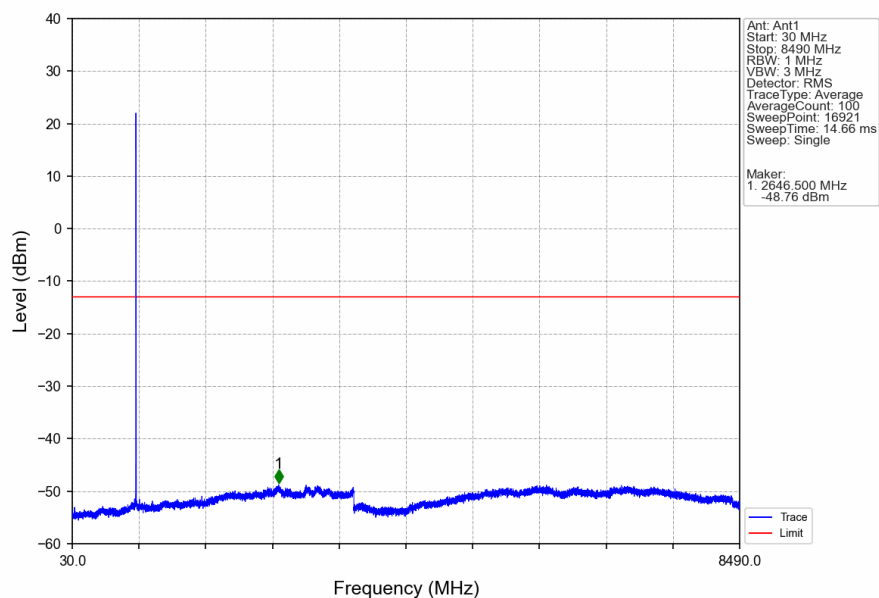


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

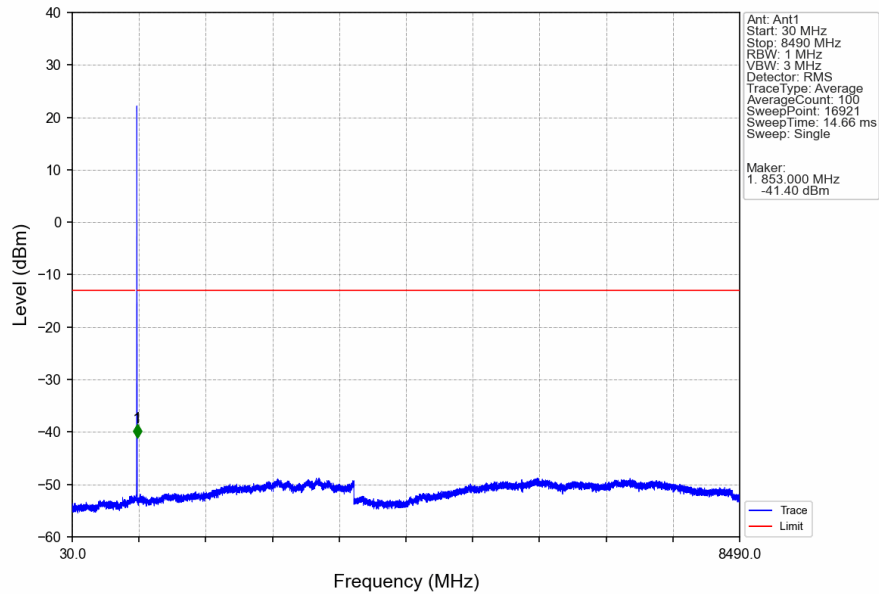


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.896	-44.57	-13	Pass
823	824	0.013	/	2	823.994	-28.51	-13	Pass
824	827	0.013	/	/	/	/	/	/

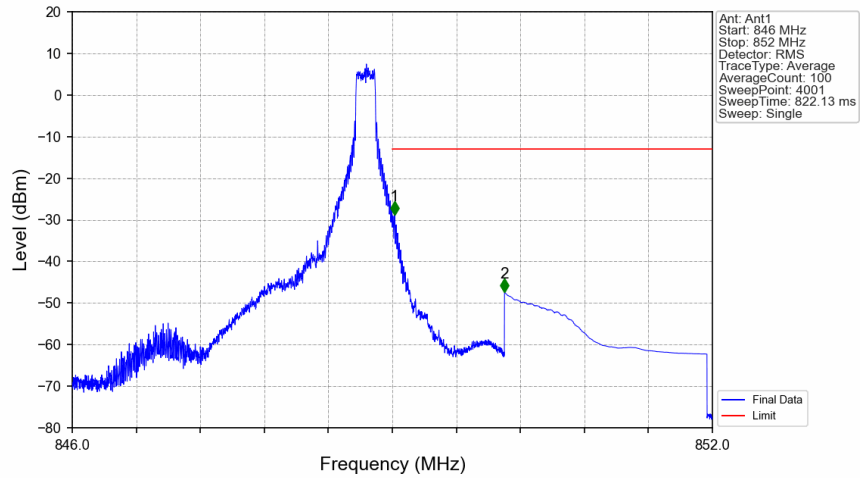
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5 1.4MHz QPSK HCH 848.3MHz RB 1_0 NTN

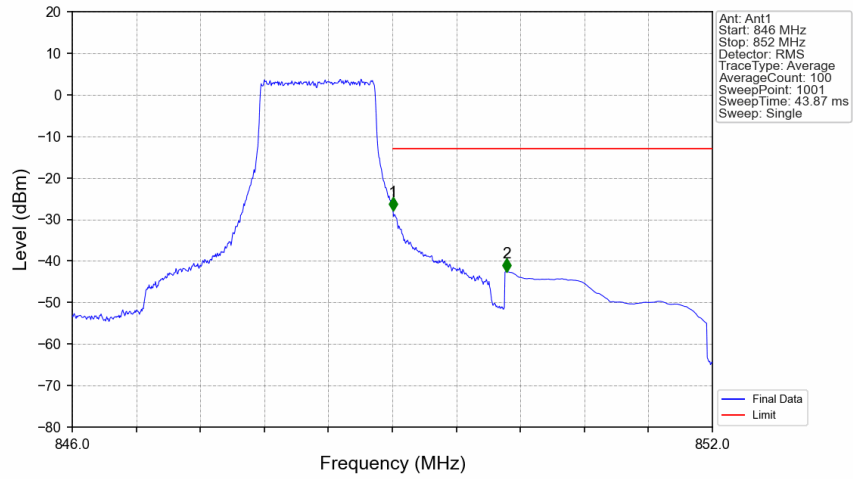


Band5 1.4MHz QPSK HCH 848.3MHz RB 1_5 NTN



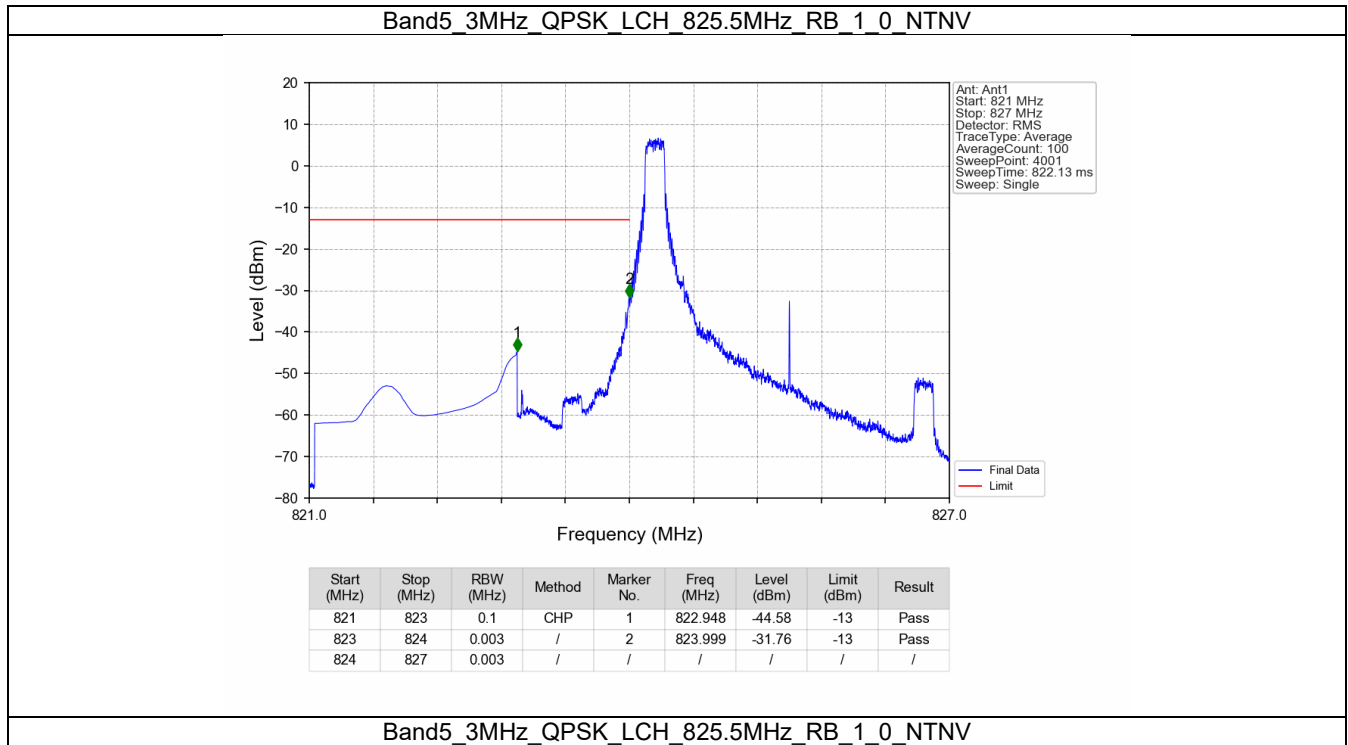
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.021	-28.76	-13	Pass
850	852	0.1	CHP	2	850.052	-47.41	-13	Pass

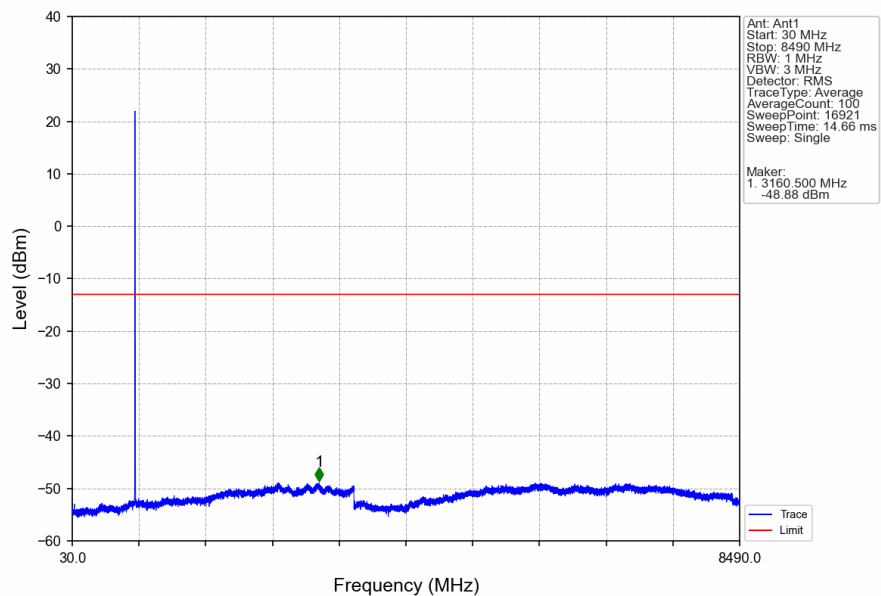
Band5 1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



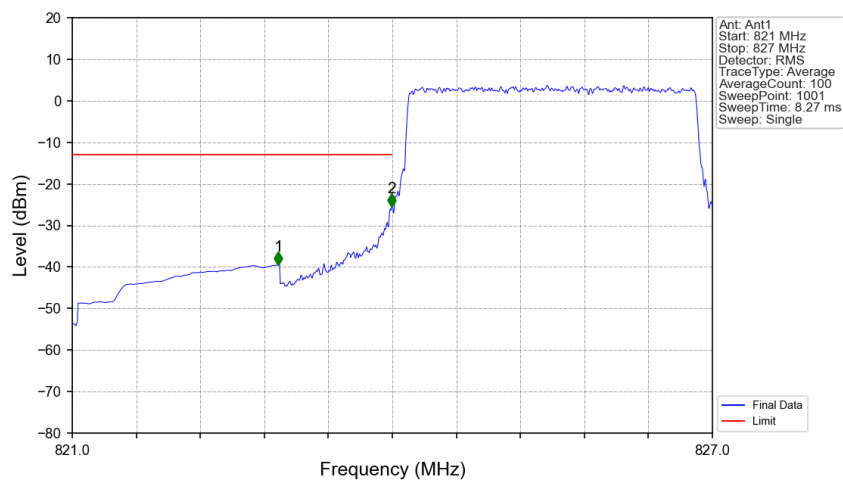
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.006	-27.90	-13	Pass
850	852	0.1	CHP	2	850.074	-42.57	-13	Pass

5.2.2 B5_3MHz



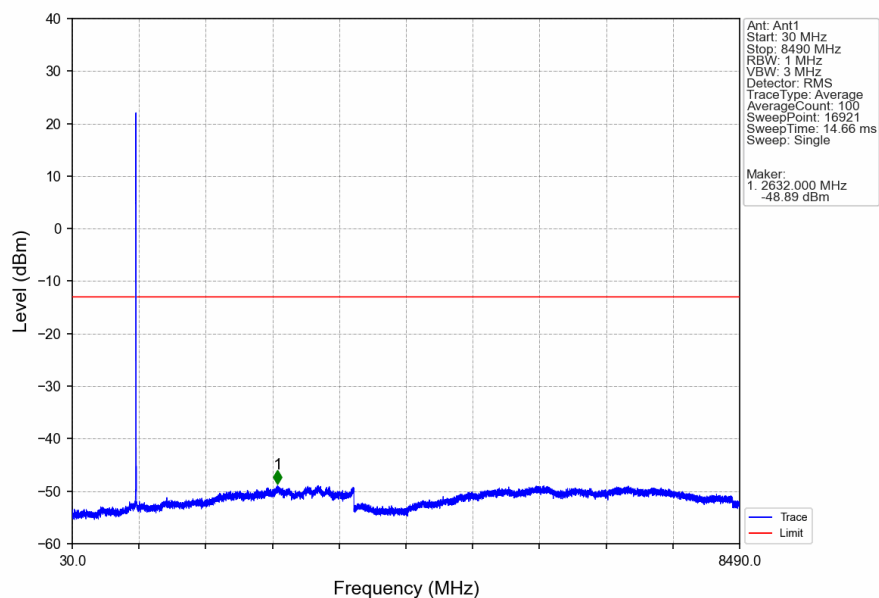


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

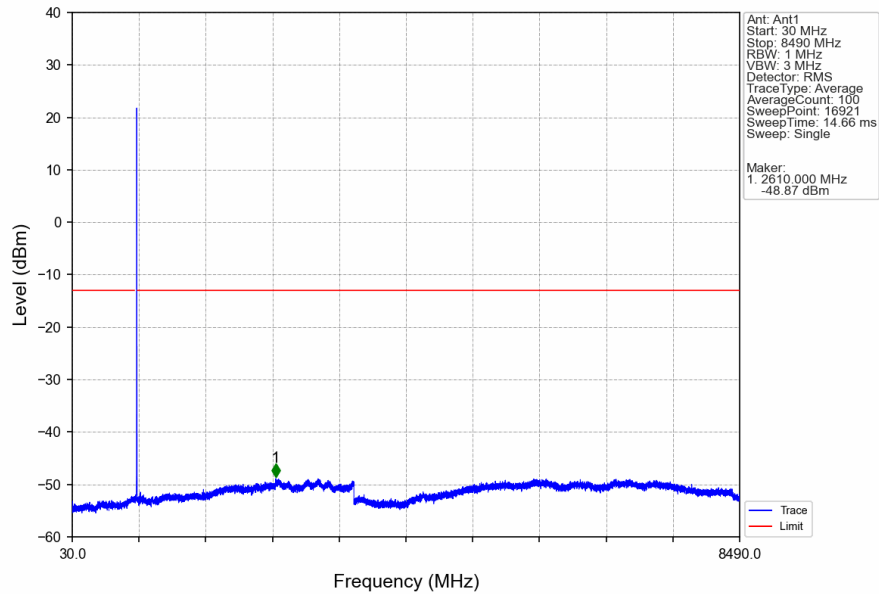


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.932	-39.50	-13	Pass
823	824	0.03	/	2	823.994	-25.48	-13	Pass
824	827	0.03	/	/	/	/	/	/

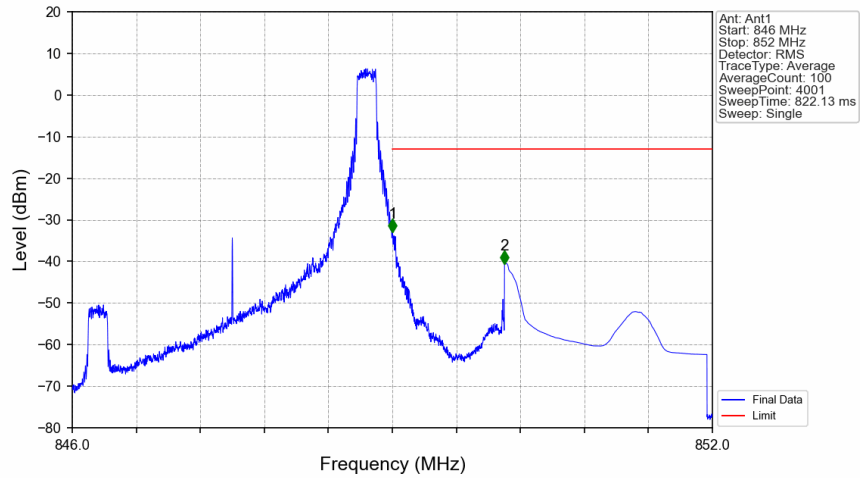
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



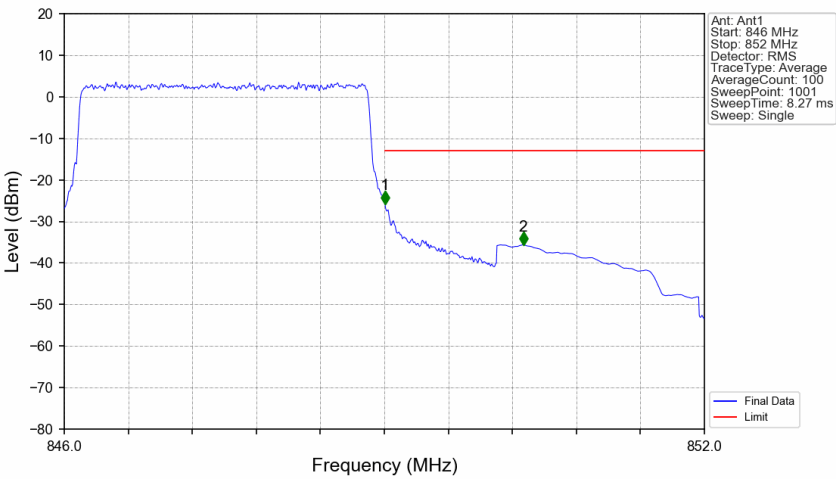
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



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	-33.01	-13	Pass
850	852	0.1	CHP	2	850.052	-40.54	-13	Pass

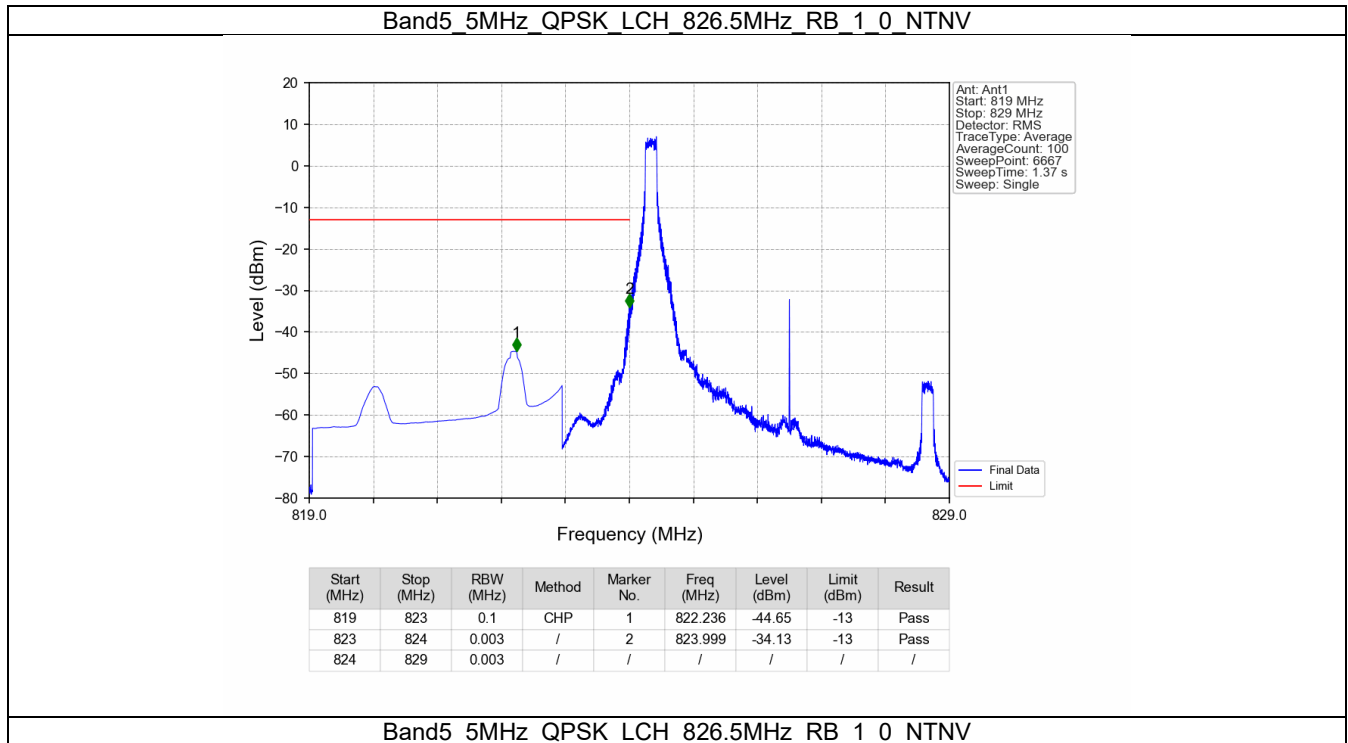


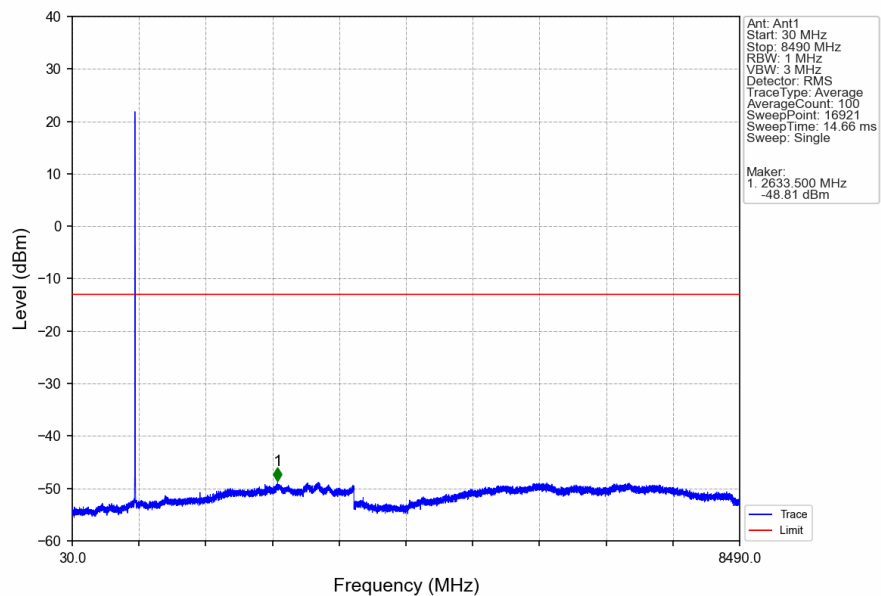
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



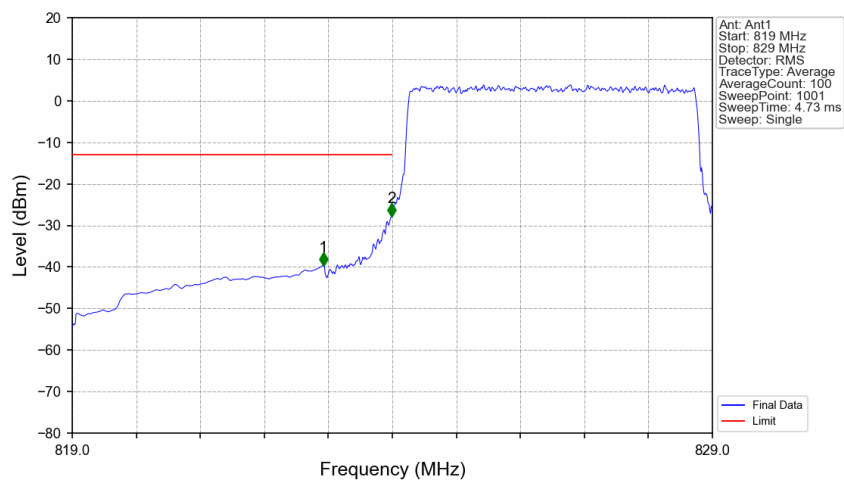
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.006	-25.76	-13	Pass
850	852	0.1	CHP	2	850.302	-35.60	-13	Pass

5.2.3 B5_5MHz



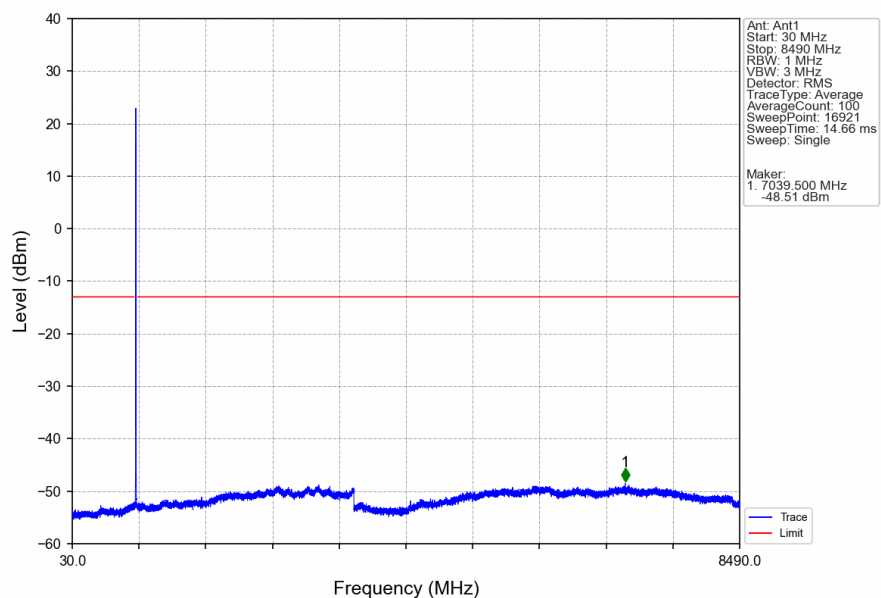


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

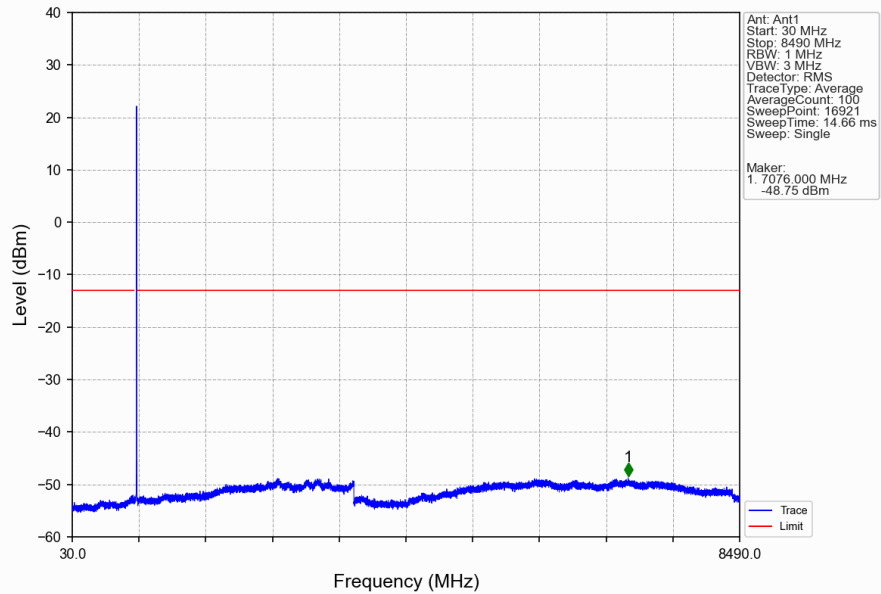


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.920	-39.73	-13	Pass
823	824	0.051	/	2	823.990	-27.87	-13	Pass
824	829	0.051	/	/	/	/	/	/

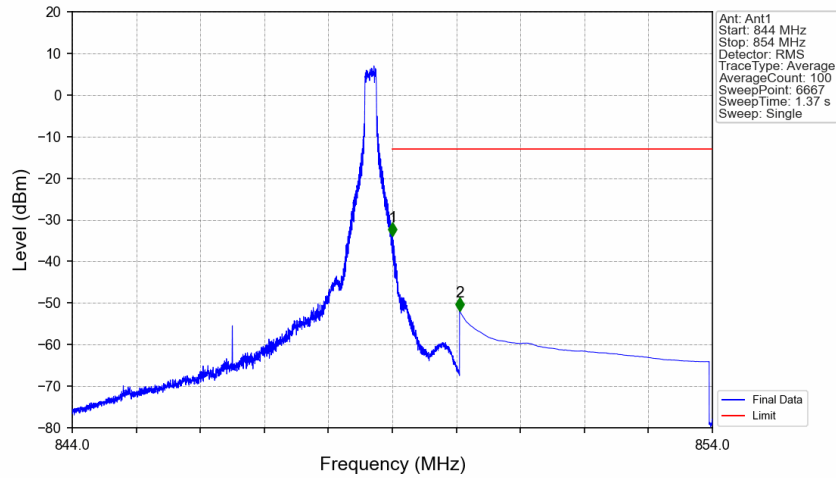
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



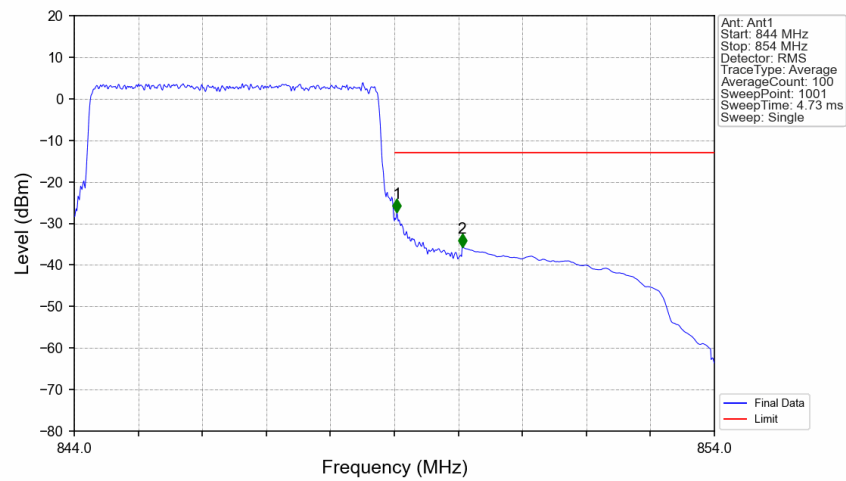
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



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	-33.91	-13	Pass
850	854	0.1	CHP	2	850.050	-51.90	-13	Pass

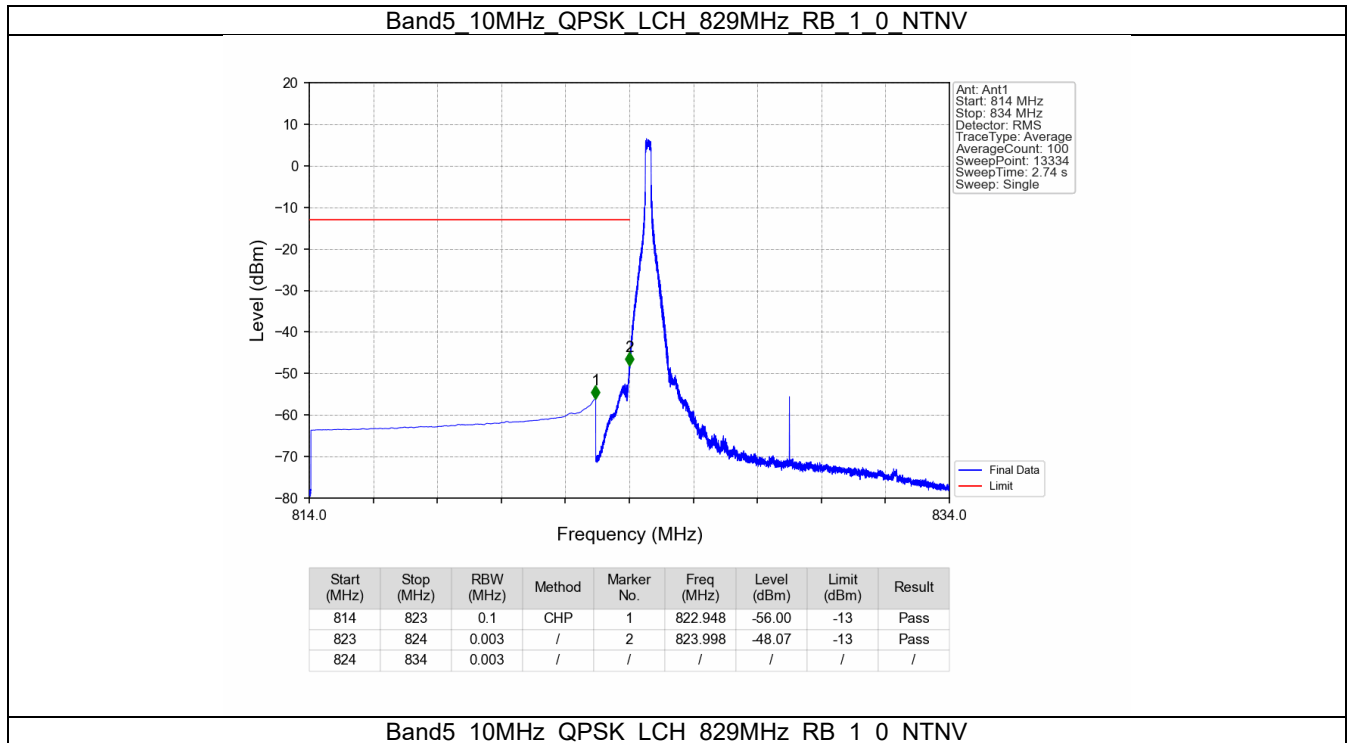


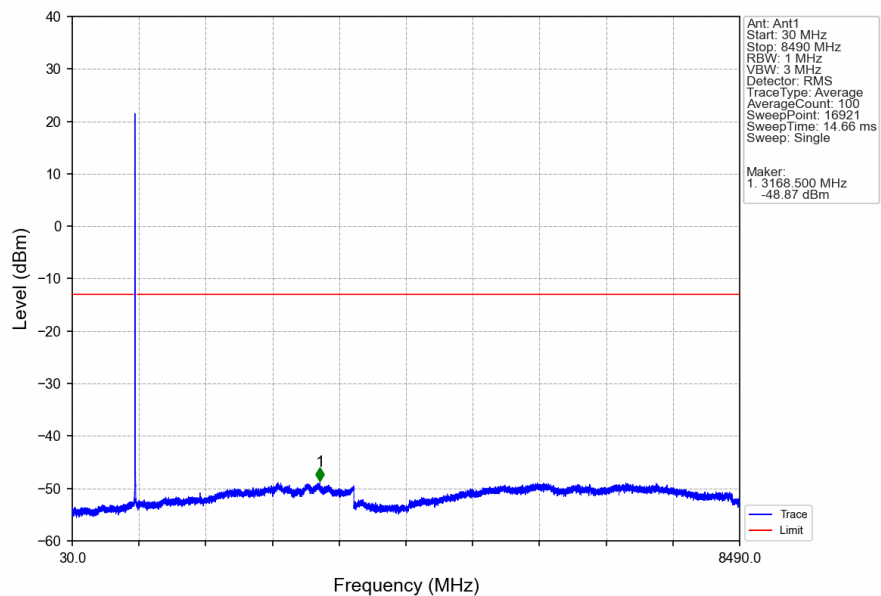
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



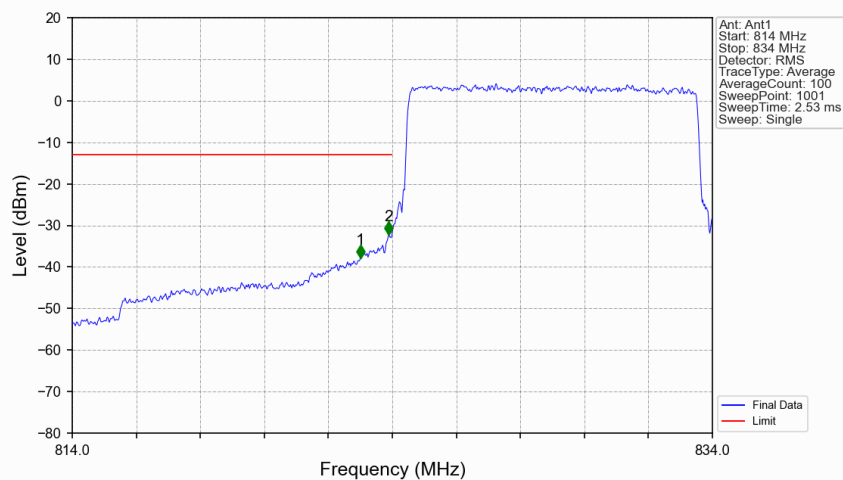
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.040	-27.29	-13	Pass
850	854	0.1	CHP	2	850.060	-35.73	-13	Pass

5.2.4 B5_10MHz



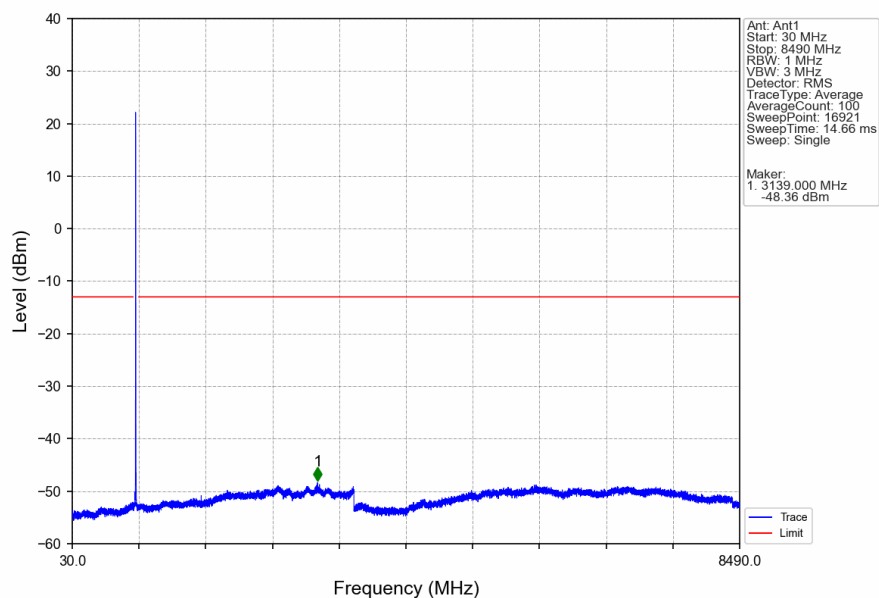


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

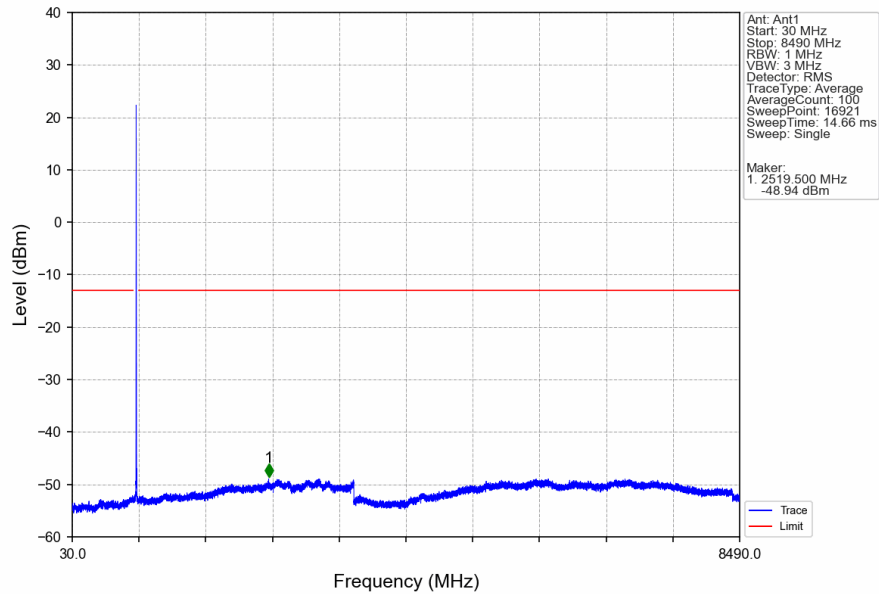


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	823.000	-37.83	-13	Pass
823	824	0.1	/	2	823.880	-32.16	-13	Pass
824	834	0.1	/	/	/	/	/	/

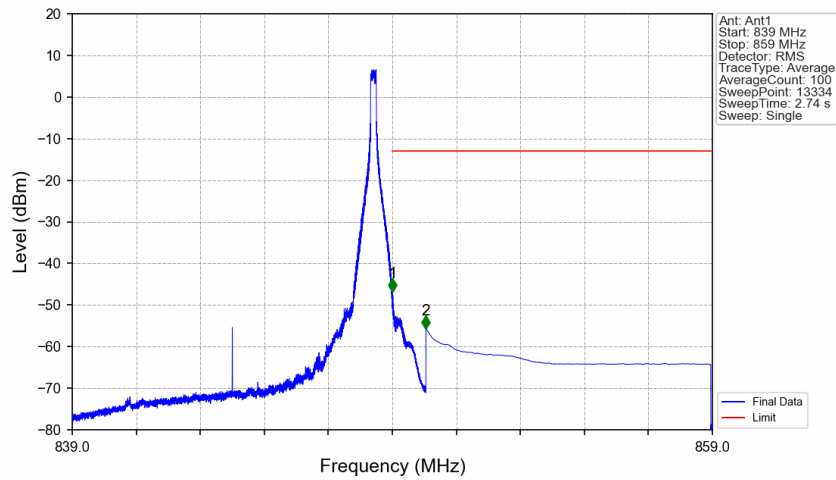
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



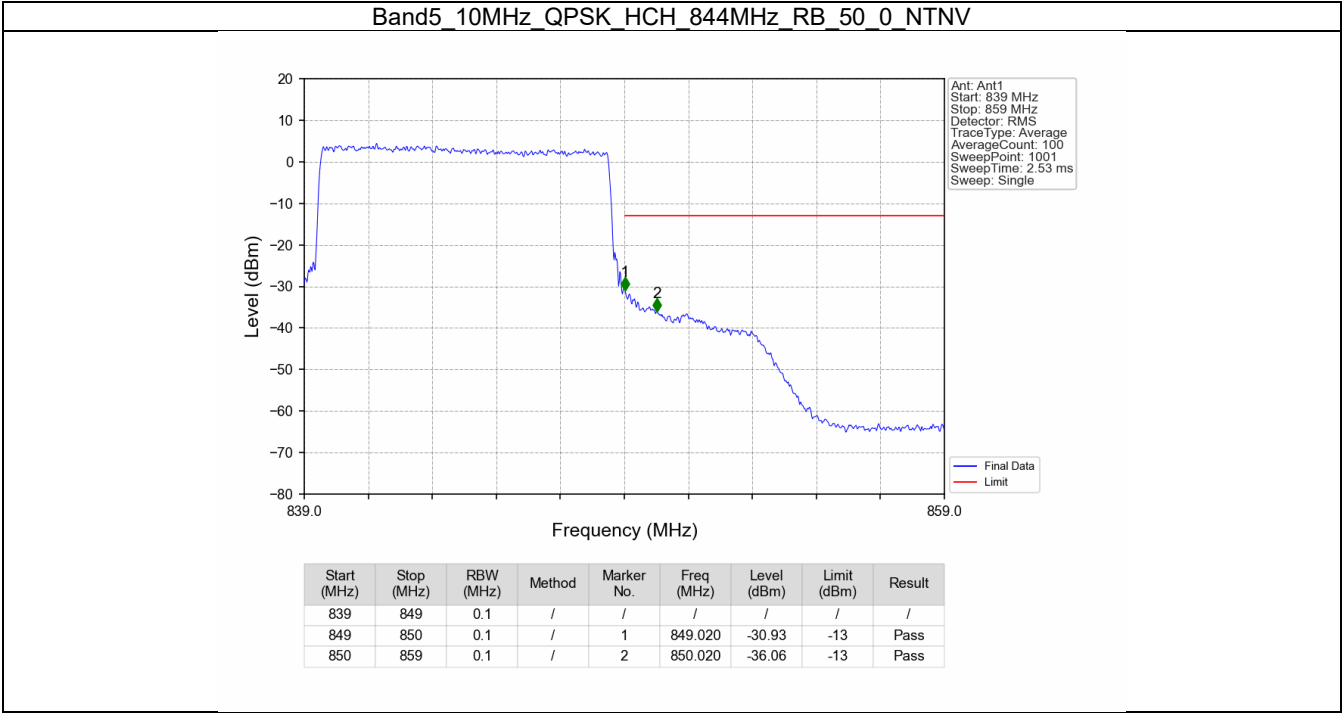
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



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	849.002	-46.82	-13	Pass
850	859	0.1	CHP	2	850.051	-55.67	-13	Pass



---End of Attachment---