

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	24.44	-3.50	18.79	<=38.45	Pass
			2	24.47	-3.50	18.82	<=38.45	Pass
			5	24.42	-3.50	18.77	<=38.45	Pass
		3	0	24.44	-3.50	18.79	<=38.45	Pass
			2	24.47	-3.50	18.82	<=38.45	Pass
			3	24.43	-3.50	18.78	<=38.45	Pass
		6	0	23.44	-3.50	17.79	<=38.45	Pass
	836.5	1	0	24.30	-3.50	18.65	<=38.45	Pass
			2	24.36	-3.50	18.71	<=38.45	Pass
			5	24.32	-3.50	18.67	<=38.45	Pass
		3	0	24.36	-3.50	18.71	<=38.45	Pass
			2	24.37	-3.50	18.72	<=38.45	Pass
			3	24.34	-3.50	18.69	<=38.45	Pass
		6	0	23.34	-3.50	17.69	<=38.45	Pass
	848.3	1	0	24.19	-3.50	18.54	<=38.45	Pass
			2	24.25	-3.50	18.60	<=38.45	Pass
			5	24.22	-3.50	18.57	<=38.45	Pass
		3	0	24.17	-3.50	18.52	<=38.45	Pass
			2	24.19	-3.50	18.54	<=38.45	Pass
			3	24.19	-3.50	18.54	<=38.45	Pass
		6	0	23.20	-3.50	17.55	<=38.45	Pass
16QAM	824.7	1	0	23.58	-3.50	17.93	<=38.45	Pass
			2	23.56	-3.50	17.91	<=38.45	Pass
			5	23.57	-3.50	17.92	<=38.45	Pass
		3	0	23.56	-3.50	17.91	<=38.45	Pass
			2	23.56	-3.50	17.91	<=38.45	Pass
			3	23.46	-3.50	17.81	<=38.45	Pass
		6	0	22.44	-3.50	16.79	<=38.45	Pass
	836.5	1	0	23.44	-3.50	17.79	<=38.45	Pass
			2	23.42	-3.50	17.77	<=38.45	Pass
			5	23.43	-3.50	17.78	<=38.45	Pass
		3	0	23.39	-3.50	17.74	<=38.45	Pass
			2	23.34	-3.50	17.69	<=38.45	Pass
			3	23.37	-3.50	17.72	<=38.45	Pass
		6	0	22.42	-3.50	16.77	<=38.45	Pass
	848.3	1	0	23.25	-3.50	17.60	<=38.45	Pass
			2	23.40	-3.50	17.75	<=38.45	Pass
			5	23.30	-3.50	17.65	<=38.45	Pass
		3	0	23.24	-3.50	17.59	<=38.45	Pass
			2	23.26	-3.50	17.61	<=38.45	Pass
			3	23.27	-3.50	17.62	<=38.45	Pass
		6	0	22.11	-3.50	16.46	<=38.45	Pass
64QAM	824.7	1	0	22.67	-3.50	17.02	<=38.45	Pass
			2	22.73	-3.50	17.08	<=38.45	Pass
			5	22.66	-3.50	17.01	<=38.45	Pass
		3	0	22.51	-3.50	16.86	<=38.45	Pass

		6	2	22.54	-3.50	16.89	<=38.45	Pass	
			3	22.61	-3.50	16.96	<=38.45	Pass	
			0	21.46	-3.50	15.81	<=38.45	Pass	
	836.5	1	0	22.37	-3.50	16.72	<=38.45	Pass	
			2	22.59	-3.50	16.94	<=38.45	Pass	
			5	22.47	-3.50	16.82	<=38.45	Pass	
		3	0	22.33	-3.50	16.68	<=38.45	Pass	
			2	22.40	-3.50	16.75	<=38.45	Pass	
			3	22.40	-3.50	16.75	<=38.45	Pass	
		6	0	21.37	-3.50	15.72	<=38.45	Pass	
		848.3	1	0	22.29	-3.50	16.64	<=38.45	Pass
				2	22.36	-3.50	16.71	<=38.45	Pass
	5			22.29	-3.50	16.64	<=38.45	Pass	
	3		0	22.27	-3.50	16.62	<=38.45	Pass	
			2	22.28	-3.50	16.63	<=38.45	Pass	
			3	22.27	-3.50	16.62	<=38.45	Pass	
	6	0	21.19	-3.50	15.54	<=38.45	Pass		
	256QAM	824.7	1	0	19.54	-3.50	13.89	<=38.45	Pass
2				19.54	-3.50	13.89	<=38.45	Pass	
5				19.58	-3.50	13.93	<=38.45	Pass	
3			0	19.56	-3.50	13.91	<=38.45	Pass	
			2	19.42	-3.50	13.77	<=38.45	Pass	
			3	19.49	-3.50	13.84	<=38.45	Pass	
6			0	19.43	-3.50	13.78	<=38.45	Pass	
836.5		1	0	19.40	-3.50	13.75	<=38.45	Pass	
			2	19.45	-3.50	13.80	<=38.45	Pass	
			5	19.42	-3.50	13.77	<=38.45	Pass	
		3	0	19.34	-3.50	13.69	<=38.45	Pass	
			2	19.32	-3.50	13.67	<=38.45	Pass	
			3	19.40	-3.50	13.75	<=38.45	Pass	
		6	0	19.30	-3.50	13.65	<=38.45	Pass	
848.3		1	0	19.26	-3.50	13.61	<=38.45	Pass	
			2	19.34	-3.50	13.69	<=38.45	Pass	
			5	19.41	-3.50	13.76	<=38.45	Pass	
		3	0	19.25	-3.50	13.60	<=38.45	Pass	
			2	19.30	-3.50	13.65	<=38.45	Pass	
			3	19.30	-3.50	13.65	<=38.45	Pass	
		6	0	19.21	-3.50	13.56	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.2 B5_3MHz_ERP

1.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	24.40	-3.50	18.75	<=38.45	Pass
			7	24.47	-3.50	18.82	<=38.45	Pass
			14	24.40	-3.50	18.75	<=38.45	Pass
		8	0	23.50	-3.50	17.85	<=38.45	Pass
			4	23.50	-3.50	17.85	<=38.45	Pass
			7	23.47	-3.50	17.82	<=38.45	Pass
	836.5	15	0	23.47	-3.50	17.82	<=38.45	Pass
		1	0	24.32	-3.50	18.67	<=38.45	Pass

			7	24.39	-3.50	18.74	<=38.45	Pass
			14	24.31	-3.50	18.66	<=38.45	Pass
			0	23.28	-3.50	17.63	<=38.45	Pass
		8	4	23.42	-3.50	17.77	<=38.45	Pass
			7	23.37	-3.50	17.72	<=38.45	Pass
			15	23.38	-3.50	17.73	<=38.45	Pass
	847.5	1	0	24.09	-3.50	18.44	<=38.45	Pass
			7	24.22	-3.50	18.57	<=38.45	Pass
			14	24.13	-3.50	18.48	<=38.45	Pass
		8	0	23.13	-3.50	17.48	<=38.45	Pass
			4	23.28	-3.50	17.63	<=38.45	Pass
			7	23.23	-3.50	17.58	<=38.45	Pass
		15	0	23.22	-3.50	17.57	<=38.45	Pass
			7	23.57	-3.50	17.92	<=38.45	Pass
			14	23.51	-3.50	17.86	<=38.45	Pass
16QAM	825.5	1	0	22.51	-3.50	16.86	<=38.45	Pass
			4	22.57	-3.50	16.92	<=38.45	Pass
			7	22.52	-3.50	16.87	<=38.45	Pass
		8	0	22.30	-3.50	16.65	<=38.45	Pass
			4	22.45	-3.50	16.80	<=38.45	Pass
			7	22.32	-3.50	16.67	<=38.45	Pass
		15	0	22.41	-3.50	16.76	<=38.45	Pass
			7	23.33	-3.50	17.68	<=38.45	Pass
			14	23.29	-3.50	17.64	<=38.45	Pass
	836.5	1	0	22.60	-3.50	16.95	<=38.45	Pass
			7	22.78	-3.50	17.13	<=38.45	Pass
			14	22.56	-3.50	16.91	<=38.45	Pass
		8	0	21.59	-3.50	15.94	<=38.45	Pass
			4	21.71	-3.50	16.06	<=38.45	Pass
			7	21.52	-3.50	15.87	<=38.45	Pass
		15	0	21.51	-3.50	15.86	<=38.45	Pass
			7	22.55	-3.50	16.90	<=38.45	Pass
			14	22.57	-3.50	16.92	<=38.45	Pass
64QAM	825.5	1	0	21.38	-3.50	15.73	<=38.45	Pass
			4	21.52	-3.50	15.87	<=38.45	Pass
			7	21.57	-3.50	15.92	<=38.45	Pass
		8	0	21.41	-3.50	15.76	<=38.45	Pass
			7	22.22	-3.50	16.57	<=38.45	Pass
			14	22.40	-3.50	16.75	<=38.45	Pass
		15	0	21.19	-3.50	15.54	<=38.45	Pass
			4	21.30	-3.50	15.65	<=38.45	Pass
			7	21.19	-3.50	15.54	<=38.45	Pass
	836.5	1	0	21.24	-3.50	15.59	<=38.45	Pass
			7	19.49	-3.50	13.84	<=38.45	Pass
			14	22.33	-3.50	16.68	<=38.45	Pass
		8	0	21.19	-3.50	15.54	<=38.45	Pass
			4	21.30	-3.50	15.65	<=38.45	Pass
			7	21.19	-3.50	15.54	<=38.45	Pass
		15	0	21.24	-3.50	15.59	<=38.45	Pass
			7	19.61	-3.50	13.96	<=38.45	Pass
			14	22.33	-3.50	16.68	<=38.45	Pass
256QAM	825.5	1	0	21.19	-3.50	15.54	<=38.45	Pass
			4	21.30	-3.50	15.65	<=38.45	Pass
			7	21.19	-3.50	15.54	<=38.45	Pass

			14	19.70	-3.50	14.05	<=38.45	Pass
		8	0	19.52	-3.50	13.87	<=38.45	Pass
			4	19.56	-3.50	13.91	<=38.45	Pass
			7	19.49	-3.50	13.84	<=38.45	Pass
		15	0	19.47	-3.50	13.82	<=38.45	Pass
	836.5	1	0	19.41	-3.50	13.76	<=38.45	Pass
			7	19.57	-3.50	13.92	<=38.45	Pass
			14	19.41	-3.50	13.76	<=38.45	Pass
		8	0	19.30	-3.50	13.65	<=38.45	Pass
			4	19.42	-3.50	13.77	<=38.45	Pass
			7	19.41	-3.50	13.76	<=38.45	Pass
		15	0	19.36	-3.50	13.71	<=38.45	Pass
		847.5	1	0	19.25	-3.50	13.60	<=38.45
	7			19.40	-3.50	13.75	<=38.45	Pass
	14			19.35	-3.50	13.70	<=38.45	Pass
	8		0	19.17	-3.50	13.52	<=38.45	Pass
			4	19.29	-3.50	13.64	<=38.45	Pass
			7	19.26	-3.50	13.61	<=38.45	Pass
	15		0	19.21	-3.50	13.56	<=38.45	Pass
	Note1: ERP=Conducted Power+Antenna Gain-2.15							

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	24.44	-3.50	18.79	<=38.45	Pass
			13	24.49	-3.50	18.84	<=38.45	Pass
			24	24.38	-3.50	18.73	<=38.45	Pass
		12	0	23.41	-3.50	17.76	<=38.45	Pass
			6	23.52	-3.50	17.87	<=38.45	Pass
			13	23.46	-3.50	17.81	<=38.45	Pass
		25	0	23.46	-3.50	17.81	<=38.45	Pass
	836.5	1	0	24.37	-3.50	18.72	<=38.45	Pass
			13	24.49	-3.50	18.84	<=38.45	Pass
			24	24.34	-3.50	18.69	<=38.45	Pass
		12	0	23.28	-3.50	17.63	<=38.45	Pass
			6	23.33	-3.50	17.68	<=38.45	Pass
			13	23.36	-3.50	17.71	<=38.45	Pass
		25	0	23.40	-3.50	17.75	<=38.45	Pass
	846.5	1	0	24.26	-3.50	18.61	<=38.45	Pass
			13	24.29	-3.50	18.64	<=38.45	Pass
			24	24.19	-3.50	18.54	<=38.45	Pass
		12	0	23.17	-3.50	17.52	<=38.45	Pass
			6	23.24	-3.50	17.59	<=38.45	Pass
			13	23.22	-3.50	17.57	<=38.45	Pass
		25	0	23.17	-3.50	17.52	<=38.45	Pass
16QAM	826.5	1	0	23.63	-3.50	17.98	<=38.45	Pass
			13	23.65	-3.50	18.00	<=38.45	Pass
			24	23.61	-3.50	17.96	<=38.45	Pass
		12	0	22.43	-3.50	16.78	<=38.45	Pass
			6	22.56	-3.50	16.91	<=38.45	Pass
			13	22.41	-3.50	16.76	<=38.45	Pass

		25	0	22.50	-3.50	16.85	<=38.45	Pass
	836.5	1	0	23.54	-3.50	17.89	<=38.45	Pass
			13	23.56	-3.50	17.91	<=38.45	Pass
			24	23.51	-3.50	17.86	<=38.45	Pass
			0	22.31	-3.50	16.66	<=38.45	Pass
		12	6	22.40	-3.50	16.75	<=38.45	Pass
			13	22.45	-3.50	16.80	<=38.45	Pass
			25	0	22.41	-3.50	16.76	<=38.45
	846.5	1	0	23.52	-3.50	17.87	<=38.45	Pass
			13	23.46	-3.50	17.81	<=38.45	Pass
			24	23.41	-3.50	17.76	<=38.45	Pass
		12	0	22.15	-3.50	16.50	<=38.45	Pass
			6	22.26	-3.50	16.61	<=38.45	Pass
			13	22.19	-3.50	16.54	<=38.45	Pass
		25	0	22.19	-3.50	16.54	<=38.45	Pass
	64QAM	826.5	1	0	22.52	-3.50	16.87	<=38.45
13				22.58	-3.50	16.93	<=38.45	Pass
24				22.50	-3.50	16.85	<=38.45	Pass
12			0	21.44	-3.50	15.79	<=38.45	Pass
			6	21.49	-3.50	15.84	<=38.45	Pass
			13	21.46	-3.50	15.81	<=38.45	Pass
25			0	21.49	-3.50	15.84	<=38.45	Pass
836.5		1	0	22.43	-3.50	16.78	<=38.45	Pass
			13	22.52	-3.50	16.87	<=38.45	Pass
			24	22.51	-3.50	16.86	<=38.45	Pass
		12	0	21.31	-3.50	15.66	<=38.45	Pass
			6	21.34	-3.50	15.69	<=38.45	Pass
			13	21.43	-3.50	15.78	<=38.45	Pass
		25	0	21.40	-3.50	15.75	<=38.45	Pass
846.5		1	0	22.29	-3.50	16.64	<=38.45	Pass
			13	22.43	-3.50	16.78	<=38.45	Pass
			24	22.39	-3.50	16.74	<=38.45	Pass
		12	0	21.18	-3.50	15.53	<=38.45	Pass
			6	21.28	-3.50	15.63	<=38.45	Pass
			13	21.25	-3.50	15.60	<=38.45	Pass
		25	0	21.19	-3.50	15.54	<=38.45	Pass
256QAM	826.5	1	0	19.42	-3.50	13.77	<=38.45	Pass
			13	19.73	-3.50	14.08	<=38.45	Pass
			24	19.46	-3.50	13.81	<=38.45	Pass
		12	0	19.44	-3.50	13.79	<=38.45	Pass
			6	19.53	-3.50	13.88	<=38.45	Pass
			13	19.42	-3.50	13.77	<=38.45	Pass
		25	0	19.47	-3.50	13.82	<=38.45	Pass
	836.5	1	0	19.27	-3.50	13.62	<=38.45	Pass
			13	19.61	-3.50	13.96	<=38.45	Pass
			24	19.38	-3.50	13.73	<=38.45	Pass
		12	0	19.32	-3.50	13.67	<=38.45	Pass
			6	19.34	-3.50	13.69	<=38.45	Pass
			13	19.39	-3.50	13.74	<=38.45	Pass
		25	0	19.37	-3.50	13.72	<=38.45	Pass
	846.5	1	0	19.32	-3.50	13.67	<=38.45	Pass
			13	19.42	-3.50	13.77	<=38.45	Pass
			24	19.37	-3.50	13.72	<=38.45	Pass
		12	0	19.21	-3.50	13.56	<=38.45	Pass
			6	19.33	-3.50	13.68	<=38.45	Pass
			13	19.24	-3.50	13.59	<=38.45	Pass
		25	0	19.20	-3.50	13.55	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.4 B5_10MHz_ERP

1.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	24.43	-3.50	18.78	<=38.45	Pass
			25	24.37	-3.50	18.72	<=38.45	Pass
			49	24.32	-3.50	18.67	<=38.45	Pass
		25	0	23.40	-3.50	17.75	<=38.45	Pass
			13	23.44	-3.50	17.79	<=38.45	Pass
			25	23.40	-3.50	17.75	<=38.45	Pass
		50	0	23.44	-3.50	17.79	<=38.45	Pass
	836.5	1	0	24.36	-3.50	18.71	<=38.45	Pass
			25	24.42	-3.50	18.77	<=38.45	Pass
			49	24.33	-3.50	18.68	<=38.45	Pass
		25	0	23.32	-3.50	17.67	<=38.45	Pass
			13	23.45	-3.50	17.80	<=38.45	Pass
			25	23.39	-3.50	17.74	<=38.45	Pass
		50	0	23.40	-3.50	17.75	<=38.45	Pass
	844	1	0	24.34	-3.50	18.69	<=38.45	Pass
			25	24.27	-3.50	18.62	<=38.45	Pass
			49	24.15	-3.50	18.50	<=38.45	Pass
		25	0	23.31	-3.50	17.66	<=38.45	Pass
			13	23.26	-3.50	17.61	<=38.45	Pass
			25	23.24	-3.50	17.59	<=38.45	Pass
		50	0	23.27	-3.50	17.62	<=38.45	Pass
16QAM	829	1	0	23.66	-3.50	18.01	<=38.45	Pass
			25	23.56	-3.50	17.91	<=38.45	Pass
			49	23.46	-3.50	17.81	<=38.45	Pass
		25	0	22.41	-3.50	16.76	<=38.45	Pass
			13	22.48	-3.50	16.83	<=38.45	Pass
			25	22.38	-3.50	16.73	<=38.45	Pass
		50	0	22.42	-3.50	16.77	<=38.45	Pass
	836.5	1	0	23.54	-3.50	17.89	<=38.45	Pass
			25	23.62	-3.50	17.97	<=38.45	Pass
			49	23.49	-3.50	17.84	<=38.45	Pass
		25	0	22.37	-3.50	16.72	<=38.45	Pass
			13	22.41	-3.50	16.76	<=38.45	Pass
			25	22.43	-3.50	16.78	<=38.45	Pass
		50	0	22.38	-3.50	16.73	<=38.45	Pass
	844	1	0	23.50	-3.50	17.85	<=38.45	Pass
			25	23.38	-3.50	17.73	<=38.45	Pass
			49	23.28	-3.50	17.63	<=38.45	Pass
		25	0	22.36	-3.50	16.71	<=38.45	Pass
			13	22.30	-3.50	16.65	<=38.45	Pass
			25	22.27	-3.50	16.62	<=38.45	Pass
		50	0	22.22	-3.50	16.57	<=38.45	Pass
64QAM	829	1	0	22.73	-3.50	17.08	<=38.45	Pass
			25	22.70	-3.50	17.05	<=38.45	Pass
			49	22.55	-3.50	16.90	<=38.45	Pass
		25	0	21.43	-3.50	15.78	<=38.45	Pass

		50	13	21.47	-3.50	15.82	<=38.45	Pass	
			25	21.39	-3.50	15.74	<=38.45	Pass	
			0	21.47	-3.50	15.82	<=38.45	Pass	
	836.5	1	0	22.73	-3.50	17.08	<=38.45	Pass	
			25	22.54	-3.50	16.89	<=38.45	Pass	
			49	22.58	-3.50	16.93	<=38.45	Pass	
		25	0	21.36	-3.50	15.71	<=38.45	Pass	
			13	21.45	-3.50	15.80	<=38.45	Pass	
			25	21.41	-3.50	15.76	<=38.45	Pass	
		50	0	21.42	-3.50	15.77	<=38.45	Pass	
		844	1	0	22.45	-3.50	16.80	<=38.45	Pass
				25	22.46	-3.50	16.81	<=38.45	Pass
	49			22.26	-3.50	16.61	<=38.45	Pass	
	25		0	21.32	-3.50	15.67	<=38.45	Pass	
			13	21.26	-3.50	15.61	<=38.45	Pass	
			25	21.25	-3.50	15.60	<=38.45	Pass	
	50		0	21.23	-3.50	15.58	<=38.45	Pass	
256QAM	829	1	0	19.54	-3.50	13.89	<=38.45	Pass	
			25	19.61	-3.50	13.96	<=38.45	Pass	
			49	19.43	-3.50	13.78	<=38.45	Pass	
		25	0	19.42	-3.50	13.77	<=38.45	Pass	
			13	19.46	-3.50	13.81	<=38.45	Pass	
			25	19.39	-3.50	13.74	<=38.45	Pass	
		50	0	19.45	-3.50	13.80	<=38.45	Pass	
	836.5	1	0	19.34	-3.50	13.69	<=38.45	Pass	
			25	19.44	-3.50	13.79	<=38.45	Pass	
			49	19.55	-3.50	13.90	<=38.45	Pass	
		25	0	19.32	-3.50	13.67	<=38.45	Pass	
			13	19.42	-3.50	13.77	<=38.45	Pass	
			25	19.40	-3.50	13.75	<=38.45	Pass	
		50	0	19.38	-3.50	13.73	<=38.45	Pass	
	844	1	0	19.63	-3.50	13.98	<=38.45	Pass	
			25	19.45	-3.50	13.80	<=38.45	Pass	
			49	19.28	-3.50	13.63	<=38.45	Pass	
		25	0	19.37	-3.50	13.72	<=38.45	Pass	
			13	19.30	-3.50	13.65	<=38.45	Pass	
			25	19.30	-3.50	13.65	<=38.45	Pass	
		50	0	19.29	-3.50	13.64	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

2. Frequency Stability

2.1 B5_10MHz

2.1.1 Test Result

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.65	-0.879	-0.0011	-2.5 to 2.5	Pass
					3.87	1.077	0.0013	-2.5 to 2.5	Pass
					4.45	0.166	0.0002	-2.5 to 2.5	Pass
				-30	3.87	1.495	0.0018	-2.5 to 2.5	Pass
				-20	3.87	0.536	0.0006	-2.5 to 2.5	Pass

				-10	3.87	1.034	0.0012	-2.5 to 2.5	Pass
				0	3.87	0.261	0.0003	-2.5 to 2.5	Pass
				10	3.87	0.933	0.0011	-2.5 to 2.5	Pass
				30	3.87	-0.802	-0.0010	-2.5 to 2.5	Pass
				40	3.87	0.333	0.0004	-2.5 to 2.5	Pass
				50	3.87	-0.302	-0.0004	-2.5 to 2.5	Pass
	836.5	50	0	20	3.65	-0.127	-0.0002	-2.5 to 2.5	Pass
					3.87	-1.349	-0.0016	-2.5 to 2.5	Pass
					4.45	-1.338	-0.0016	-2.5 to 2.5	Pass
				-30	3.87	-0.569	-0.0007	-2.5 to 2.5	Pass
				-20	3.87	1.084	0.0013	-2.5 to 2.5	Pass
				-10	3.87	0.545	0.0007	-2.5 to 2.5	Pass
				0	3.87	-0.297	-0.0004	-2.5 to 2.5	Pass
				10	3.87	0.731	0.0009	-2.5 to 2.5	Pass
				30	3.87	1.391	0.0017	-2.5 to 2.5	Pass
				40	3.87	0.734	0.0009	-2.5 to 2.5	Pass
				50	3.87	0.545	0.0007	-2.5 to 2.5	Pass
				20	3.65	-1.731	-0.0021	-2.5 to 2.5	Pass
					3.87	-1.734	-0.0021	-2.5 to 2.5	Pass
					4.45	-0.877	-0.0010	-2.5 to 2.5	Pass
	844	50	0	-30	3.87	-0.781	-0.0009	-2.5 to 2.5	Pass
				-20	3.87	-0.934	-0.0011	-2.5 to 2.5	Pass
				-10	3.87	-1.424	-0.0017	-2.5 to 2.5	Pass
				0	3.87	-1.875	-0.0022	-2.5 to 2.5	Pass
				10	3.87	-0.709	-0.0008	-2.5 to 2.5	Pass
				30	3.87	-1.129	-0.0013	-2.5 to 2.5	Pass
				40	3.87	0.696	0.0008	-2.5 to 2.5	Pass
				50	3.87	-1.486	-0.0018	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.65	1.015	0.0012	-2.5 to 2.5	Pass
					3.87	-0.399	-0.0005	-2.5 to 2.5	Pass
					4.45	-0.049	-0.0001	-2.5 to 2.5	Pass
				-30	3.87	-0.230	-0.0003	-2.5 to 2.5	Pass
				-20	3.87	-0.558	-0.0007	-2.5 to 2.5	Pass
				-10	3.87	-0.295	-0.0004	-2.5 to 2.5	Pass
				0	3.87	0.125	0.0002	-2.5 to 2.5	Pass
				10	3.87	1.475	0.0018	-2.5 to 2.5	Pass
				30	3.87	-0.549	-0.0007	-2.5 to 2.5	Pass
				40	3.87	0.545	0.0007	-2.5 to 2.5	Pass
				50	3.87	1.393	0.0017	-2.5 to 2.5	Pass
	836.5	50	0	20	3.65	-0.932	-0.0011	-2.5 to 2.5	Pass
					3.87	1.837	0.0022	-2.5 to 2.5	Pass
					4.45	-1.413	-0.0017	-2.5 to 2.5	Pass
				-30	3.87	-0.022	0.0000	-2.5 to 2.5	Pass
				-20	3.87	-0.217	-0.0003	-2.5 to 2.5	Pass
				-10	3.87	0.005	0.0000	-2.5 to 2.5	Pass
				0	3.87	1.405	0.0017	-2.5 to 2.5	Pass
				10	3.87	1.732	0.0021	-2.5 to 2.5	Pass
				30	3.87	0.466	0.0006	-2.5 to 2.5	Pass
				40	3.87	1.642	0.0020	-2.5 to 2.5	Pass
				50	3.87	0.339	0.0004	-2.5 to 2.5	Pass
	844	50	0	20	3.65	-2.735	-0.0032	-2.5 to 2.5	Pass
					3.87	-0.366	-0.0004	-2.5 to 2.5	Pass
					4.45	-0.368	-0.0004	-2.5 to 2.5	Pass
				-30	3.87	0.253	0.0003	-2.5 to 2.5	Pass
				-20	3.87	-1.312	-0.0016	-2.5 to 2.5	Pass
				-10	3.87	0.214	0.0003	-2.5 to 2.5	Pass
				0	3.87	0.244	0.0003	-2.5 to 2.5	Pass

				10	3.87	-0.277	-0.0003	-2.5 to 2.5	Pass
				30	3.87	-0.357	-0.0004	-2.5 to 2.5	Pass
				40	3.87	-1.084	-0.0013	-2.5 to 2.5	Pass
				50	3.87	0.283	0.0003	-2.5 to 2.5	Pass
64QAM	829	50	0	20	3.65	0.453	0.0005	-2.5 to 2.5	Pass
					3.87	0.282	0.0003	-2.5 to 2.5	Pass
					4.45	0.450	0.0005	-2.5 to 2.5	Pass
				-30	3.87	1.141	0.0014	-2.5 to 2.5	Pass
				-20	3.87	-1.109	-0.0013	-2.5 to 2.5	Pass
				-10	3.87	-1.094	-0.0013	-2.5 to 2.5	Pass
				0	3.87	-0.997	-0.0012	-2.5 to 2.5	Pass
				10	3.87	1.009	0.0012	-2.5 to 2.5	Pass
				30	3.87	1.085	0.0013	-2.5 to 2.5	Pass
				40	3.87	0.921	0.0011	-2.5 to 2.5	Pass
				50	3.87	0.072	0.0001	-2.5 to 2.5	Pass
	836.5	50	0	20	3.65	1.501	0.0018	-2.5 to 2.5	Pass
					3.87	-0.440	-0.0005	-2.5 to 2.5	Pass
					4.45	-0.256	-0.0003	-2.5 to 2.5	Pass
				-30	3.87	1.214	0.0015	-2.5 to 2.5	Pass
				-20	3.87	1.725	0.0021	-2.5 to 2.5	Pass
				-10	3.87	-0.116	-0.0001	-2.5 to 2.5	Pass
				0	3.87	0.572	0.0007	-2.5 to 2.5	Pass
				10	3.87	0.347	0.0004	-2.5 to 2.5	Pass
				30	3.87	-0.358	-0.0004	-2.5 to 2.5	Pass
				40	3.87	-0.604	-0.0007	-2.5 to 2.5	Pass
				50	3.87	0.276	0.0003	-2.5 to 2.5	Pass
	844	50	0	20	3.65	0.157	0.0002	-2.5 to 2.5	Pass
					3.87	0.134	0.0002	-2.5 to 2.5	Pass
					4.45	0.733	0.0009	-2.5 to 2.5	Pass
				-30	3.87	-0.651	-0.0008	-2.5 to 2.5	Pass
				-20	3.87	0.406	0.0005	-2.5 to 2.5	Pass
				-10	3.87	0.975	0.0012	-2.5 to 2.5	Pass
				0	3.87	0.776	0.0009	-2.5 to 2.5	Pass
				10	3.87	-0.208	-0.0002	-2.5 to 2.5	Pass
				30	3.87	-0.041	0.0000	-2.5 to 2.5	Pass
				40	3.87	0.190	0.0002	-2.5 to 2.5	Pass
				50	3.87	-1.191	-0.0014	-2.5 to 2.5	Pass
256QAM	829	50	0	20	3.65	0.039	0.0000	-2.5 to 2.5	Pass
					3.87	-1.179	-0.0014	-2.5 to 2.5	Pass
					4.45	-0.436	-0.0005	-2.5 to 2.5	Pass
				-30	3.87	-0.088	-0.0001	-2.5 to 2.5	Pass
				-20	3.87	-1.247	-0.0015	-2.5 to 2.5	Pass
				-10	3.87	-1.089	-0.0013	-2.5 to 2.5	Pass
				0	3.87	-2.024	-0.0024	-2.5 to 2.5	Pass
				10	3.87	1.794	0.0022	-2.5 to 2.5	Pass
				30	3.87	-1.249	-0.0015	-2.5 to 2.5	Pass
				40	3.87	-0.949	-0.0011	-2.5 to 2.5	Pass
				50	3.87	-0.637	-0.0008	-2.5 to 2.5	Pass
	836.5	50	0	20	3.65	1.365	0.0016	-2.5 to 2.5	Pass
					3.87	1.091	0.0013	-2.5 to 2.5	Pass
					4.45	2.933	0.0035	-2.5 to 2.5	Pass
				-30	3.87	0.227	0.0003	-2.5 to 2.5	Pass
				-20	3.87	0.594	0.0007	-2.5 to 2.5	Pass
				-10	3.87	-0.543	-0.0006	-2.5 to 2.5	Pass
				0	3.87	-0.870	-0.0010	-2.5 to 2.5	Pass
				10	3.87	1.073	0.0013	-2.5 to 2.5	Pass
				30	3.87	0.815	0.0010	-2.5 to 2.5	Pass

	844	50	0	40	3.87	-0.482	-0.0006	-2.5 to 2.5	Pass
				50	3.87	0.329	0.0004	-2.5 to 2.5	Pass
				20	3.65	-1.594	-0.0019	-2.5 to 2.5	Pass
					3.87	1.577	0.0019	-2.5 to 2.5	Pass
					4.45	-0.156	-0.0002	-2.5 to 2.5	Pass
				-30	3.87	0.579	0.0007	-2.5 to 2.5	Pass
				-20	3.87	0.382	0.0005	-2.5 to 2.5	Pass
				-10	3.87	-0.360	-0.0004	-2.5 to 2.5	Pass
				0	3.87	0.084	0.0001	-2.5 to 2.5	Pass
				10	3.87	1.383	0.0016	-2.5 to 2.5	Pass
				30	3.87	-2.639	-0.0031	-2.5 to 2.5	Pass
				40	3.87	-0.051	-0.0001	-2.5 to 2.5	Pass
				50	3.87	0.707	0.0008	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

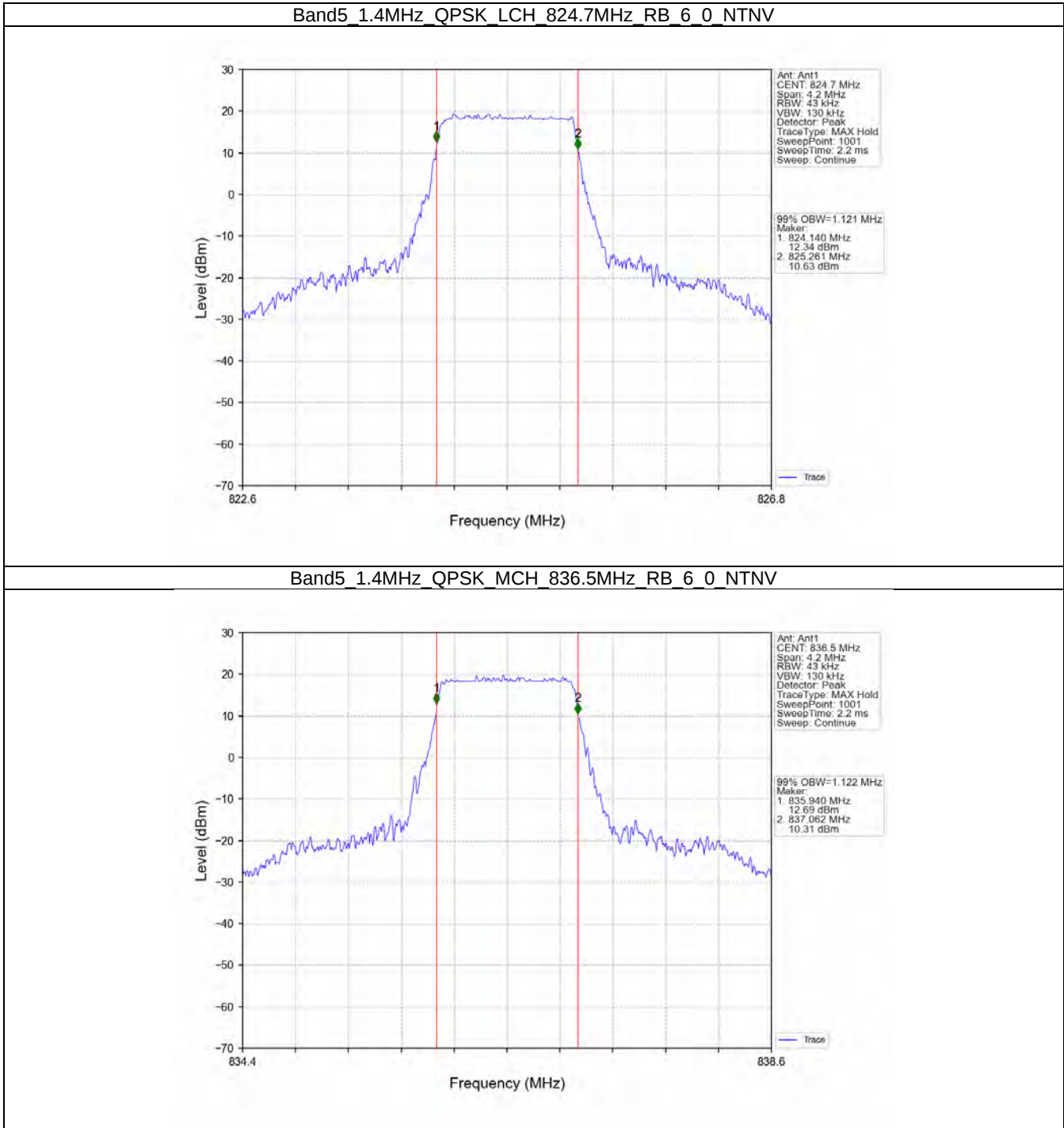
3.1 Band5_OBW

3.1.1 Test Result

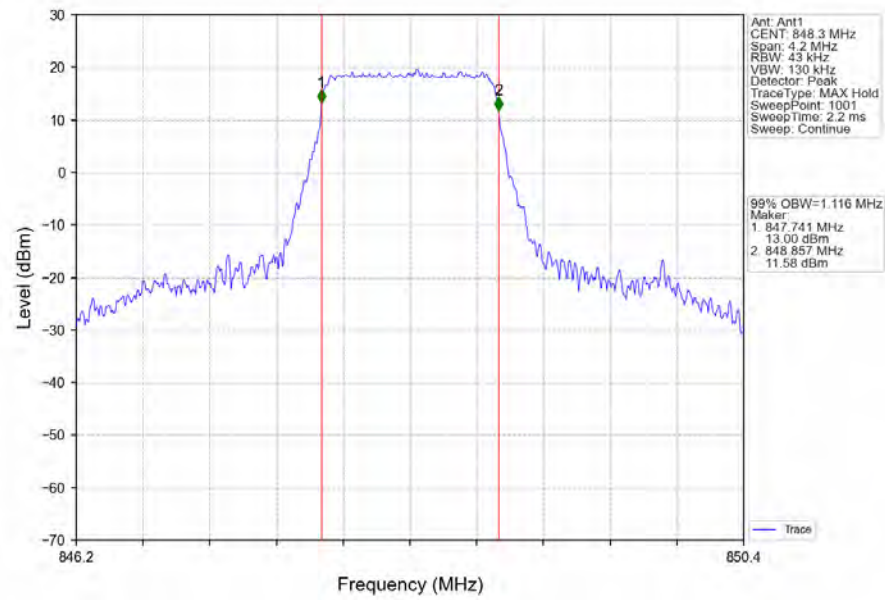
Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.121	/	Pass
		836.5	6	0	1.122	/	Pass
		848.3	6	0	1.116	/	Pass
	16QAM	824.7	6	0	1.118	/	Pass
		836.5	6	0	1.121	/	Pass
		848.3	6	0	1.128	/	Pass
	64QAM	824.7	6	0	1.124	/	Pass
		836.5	6	0	1.128	/	Pass
		848.3	6	0	1.120	/	Pass
	256QAM	824.7	6	0	1.112	/	Pass
		836.5	6	0	1.119	/	Pass
		848.3	6	0	1.110	/	Pass
3	QPSK	825.5	15	0	2.767	/	Pass
		836.5	15	0	2.744	/	Pass
		847.5	15	0	2.741	/	Pass
	16QAM	825.5	15	0	2.753	/	Pass
		836.5	15	0	2.742	/	Pass
		847.5	15	0	2.752	/	Pass
	64QAM	825.5	15	0	2.752	/	Pass
		836.5	15	0	2.739	/	Pass
		847.5	15	0	2.731	/	Pass
	256QAM	825.5	15	0	2.739	/	Pass
		836.5	15	0	2.748	/	Pass
		847.5	15	0	2.742	/	Pass
5	QPSK	826.5	25	0	4.571	/	Pass
		836.5	25	0	4.596	/	Pass
		846.5	25	0	4.561	/	Pass
	16QAM	826.5	25	0	4.614	/	Pass
		836.5	25	0	4.586	/	Pass
		846.5	25	0	4.585	/	Pass
	64QAM	826.5	25	0	4.567	/	Pass

	256QAM	836.5	25	0	4.557	/	Pass
		846.5	25	0	4.552	/	Pass
		826.5	25	0	4.555	/	Pass
		836.5	25	0	4.569	/	Pass
		846.5	25	0	4.565	/	Pass
10	QPSK	829	50	0	9.074	/	Pass
		836.5	50	0	9.052	/	Pass
		844	50	0	9.079	/	Pass
	16QAM	829	50	0	9.098	/	Pass
		836.5	50	0	9.082	/	Pass
		844	50	0	9.047	/	Pass
	64QAM	829	50	0	9.070	/	Pass
		836.5	50	0	9.043	/	Pass
		844	50	0	9.065	/	Pass
	256QAM	829	50	0	9.102	/	Pass
		836.5	50	0	9.050	/	Pass
		844	50	0	9.058	/	Pass

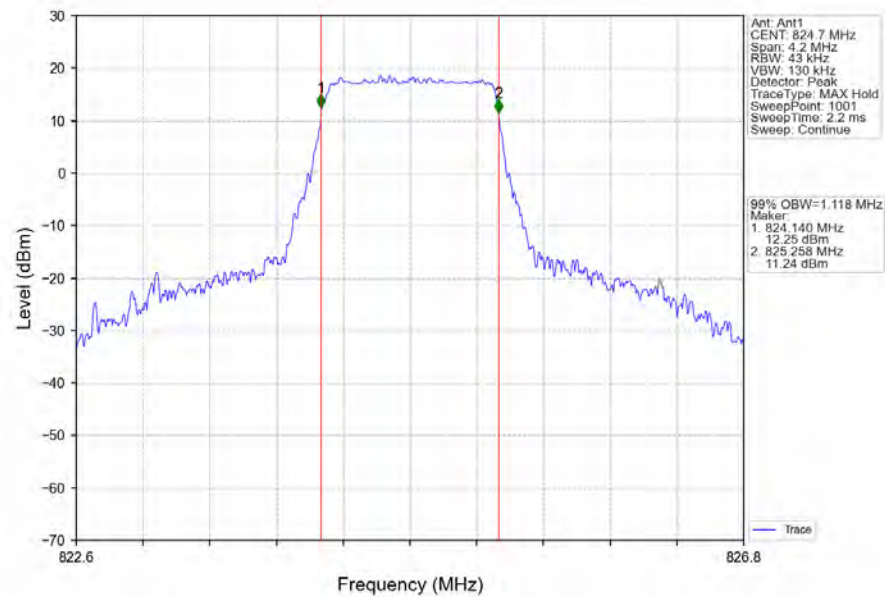
3.1.2 Test Graph



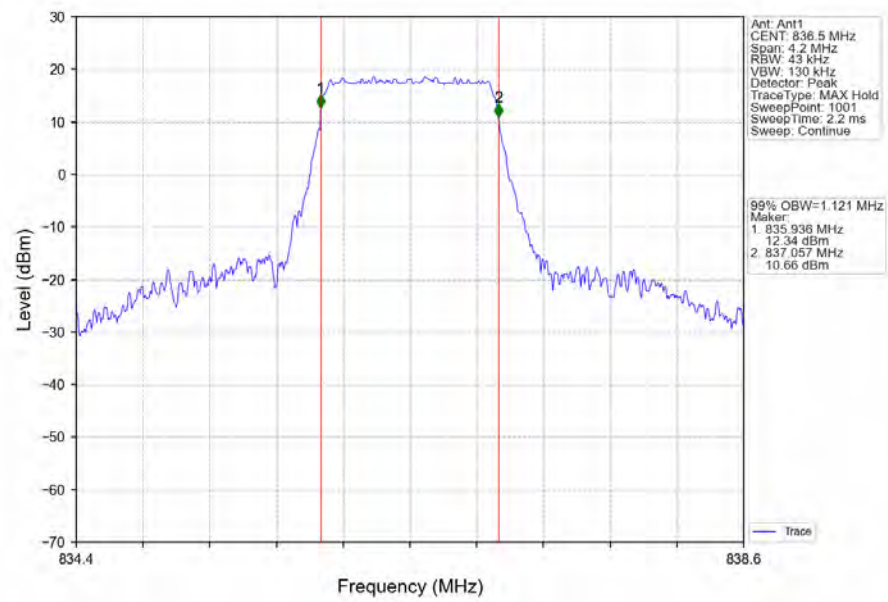
Band5 1.4MHz QPSK HCH 848.3MHz RB 6.0 NTNV



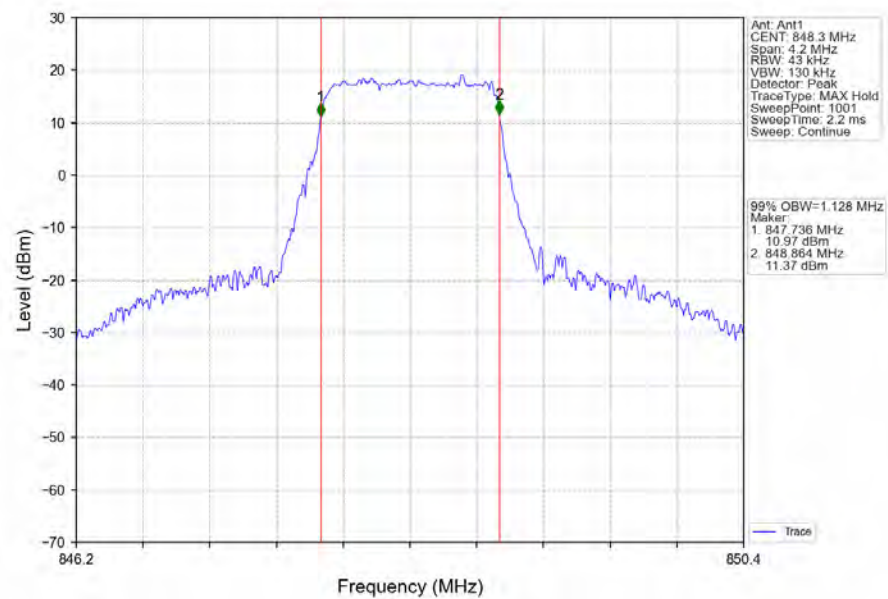
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6.0 NTNV



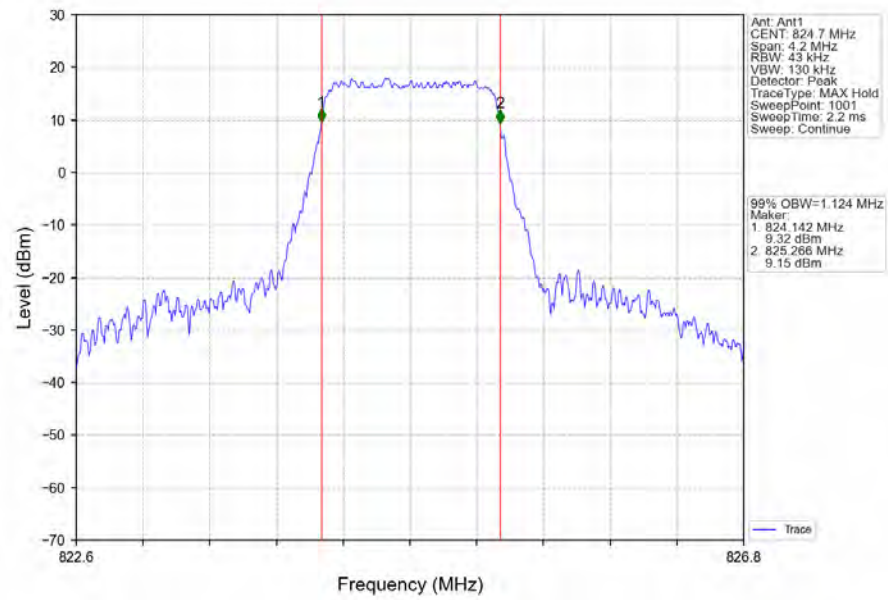
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



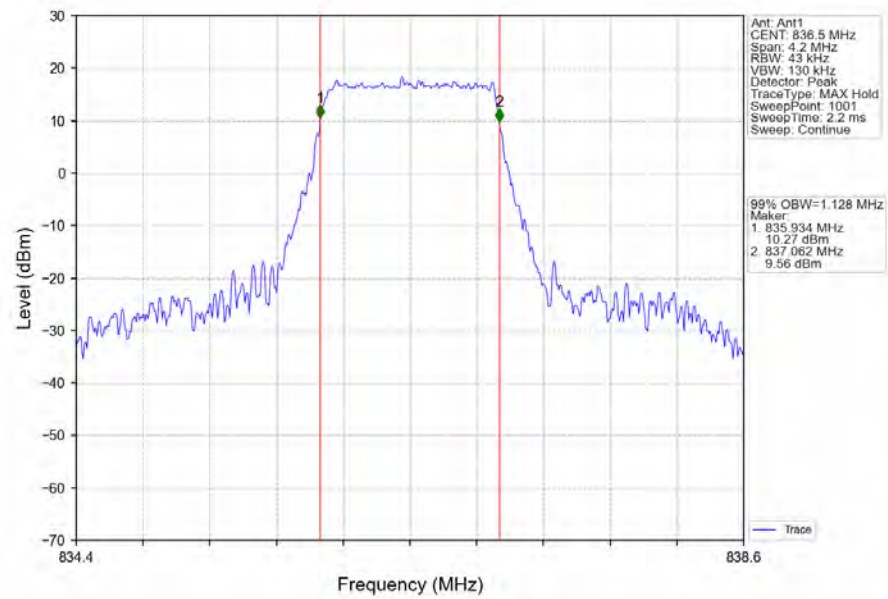
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



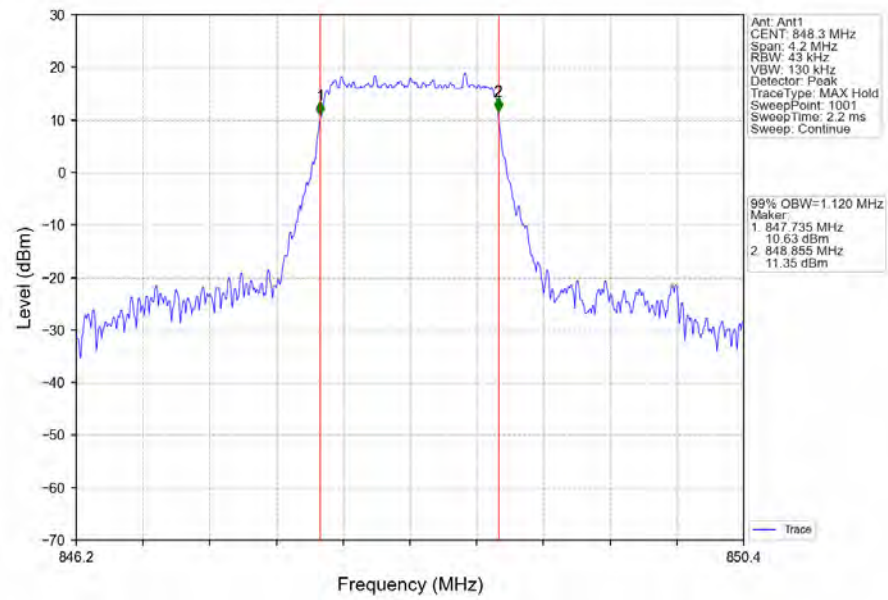
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



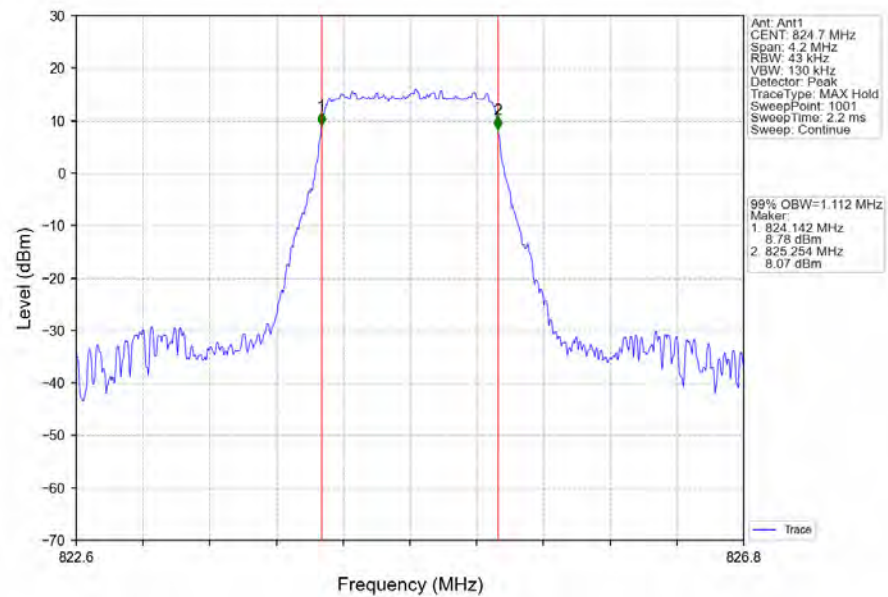
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



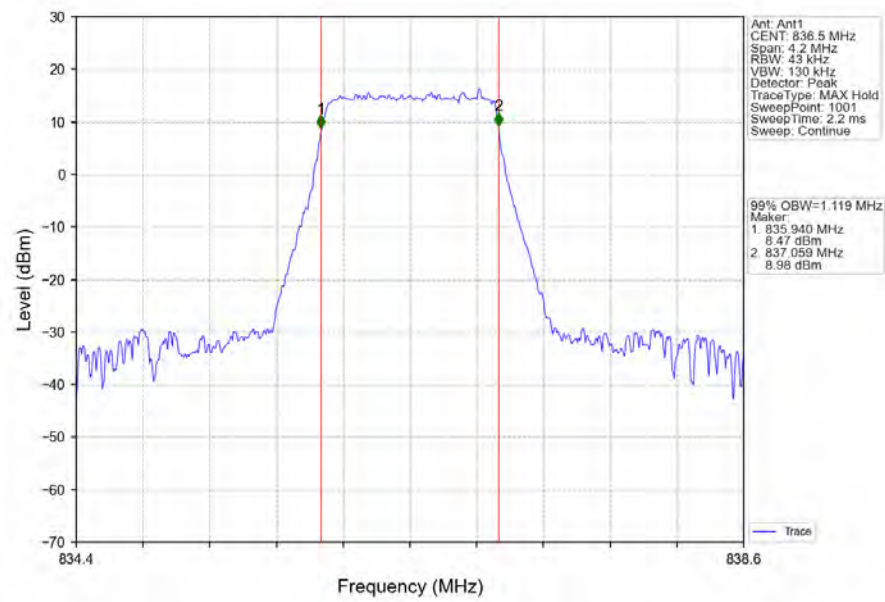
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



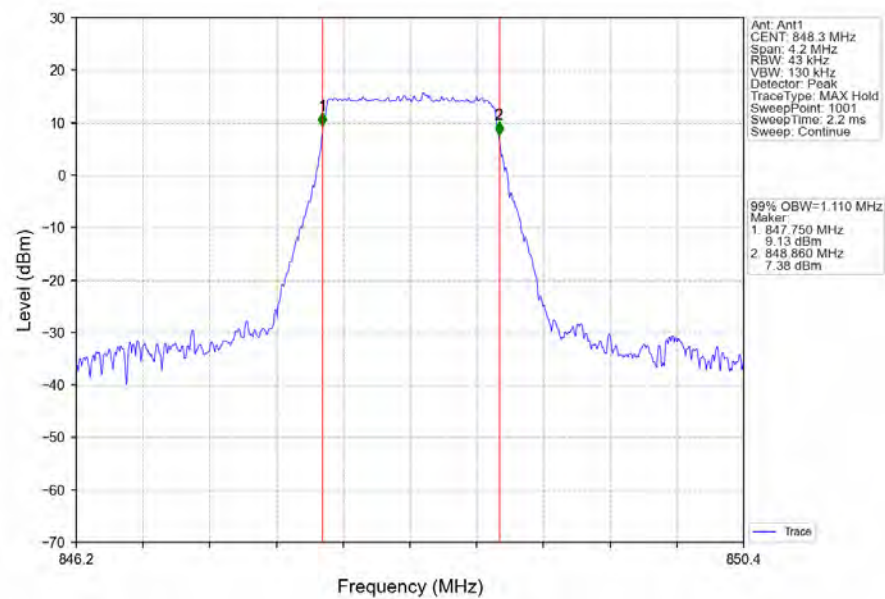
Band5_1.4MHz_256QAM_LCH_824.7MHz_RB_6_0_NTNV



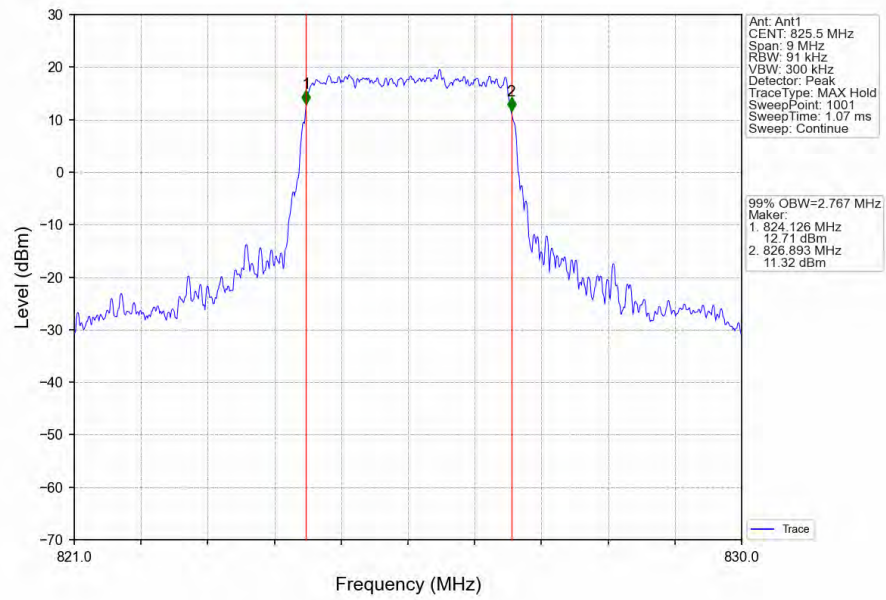
Band5 1.4MHz 256QAM MCH 836.5MHz RB 6 0 NTN



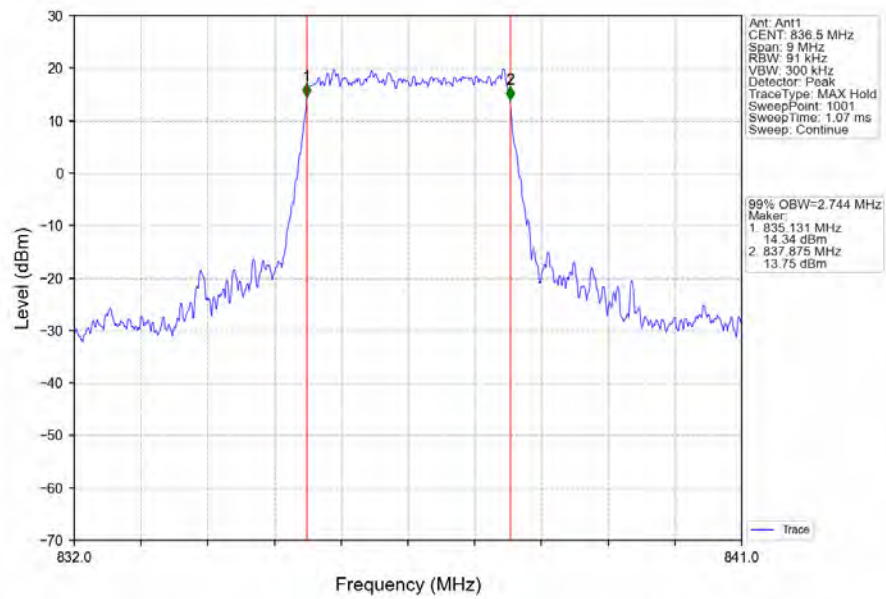
Band5 1.4MHz 256QAM HCH 848.3MHz RB 6 0 NTN



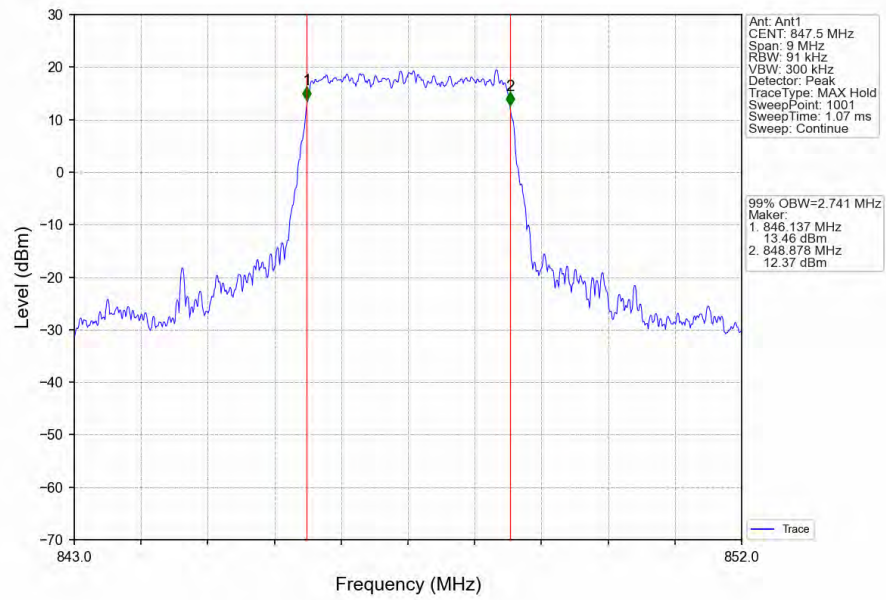
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



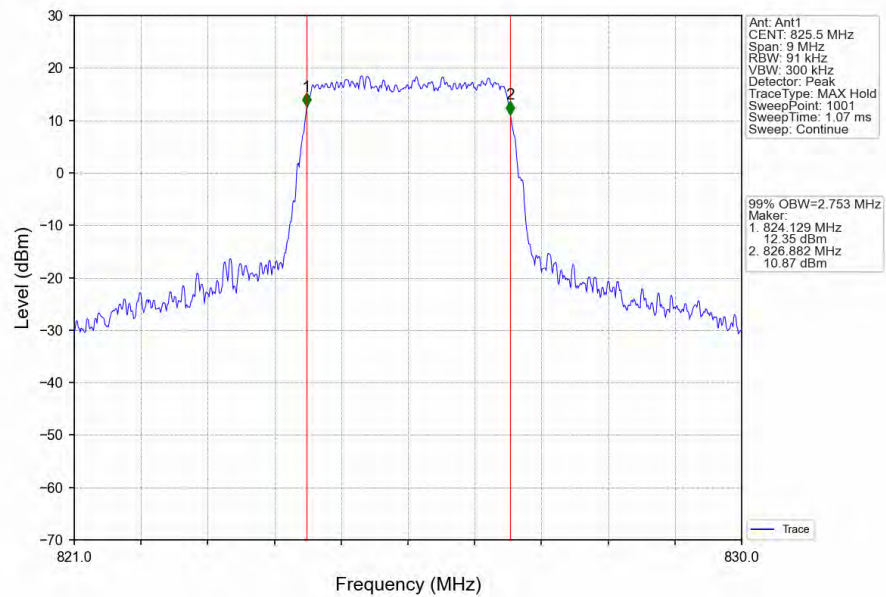
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



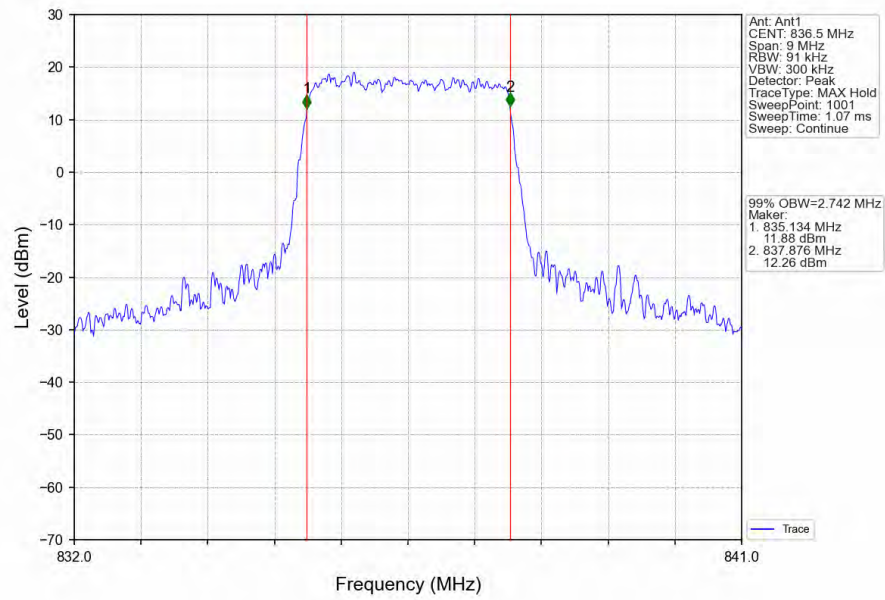
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



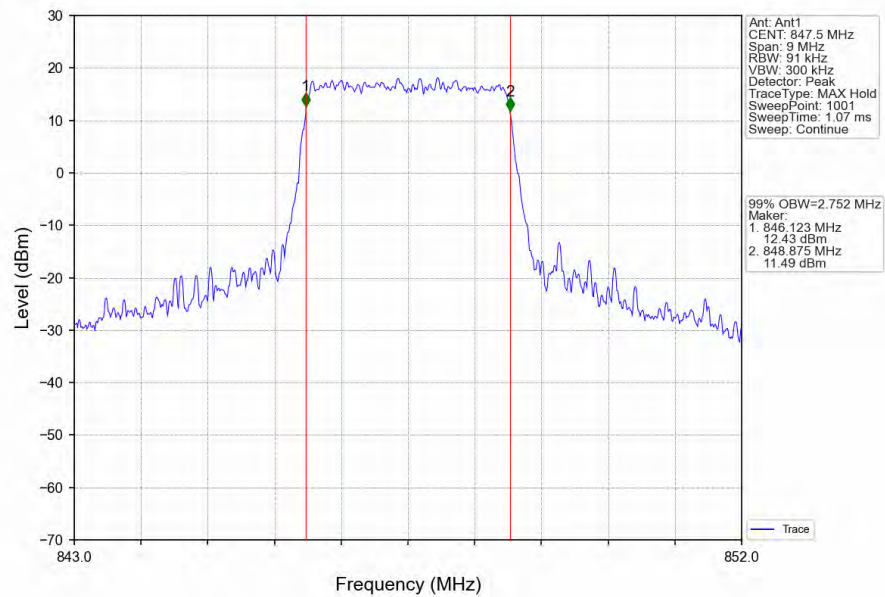
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



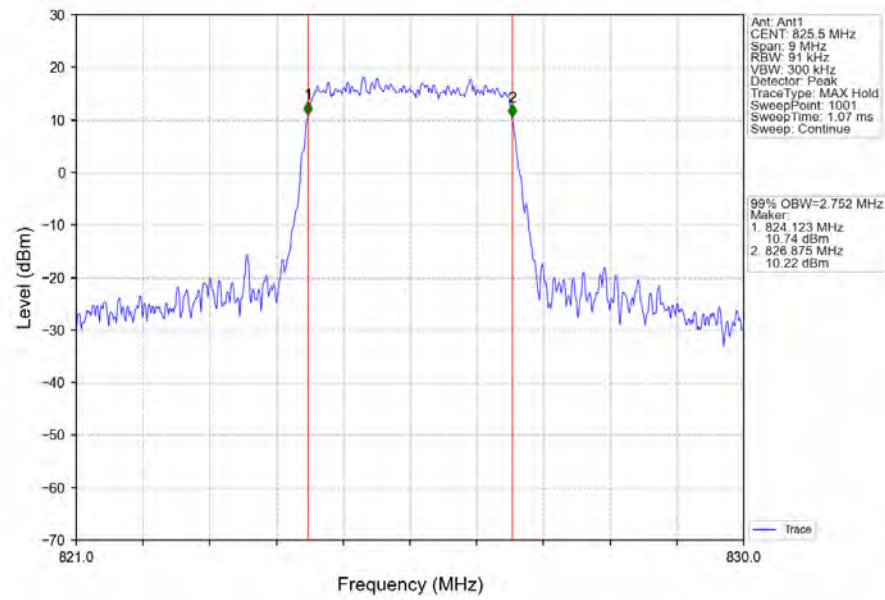
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



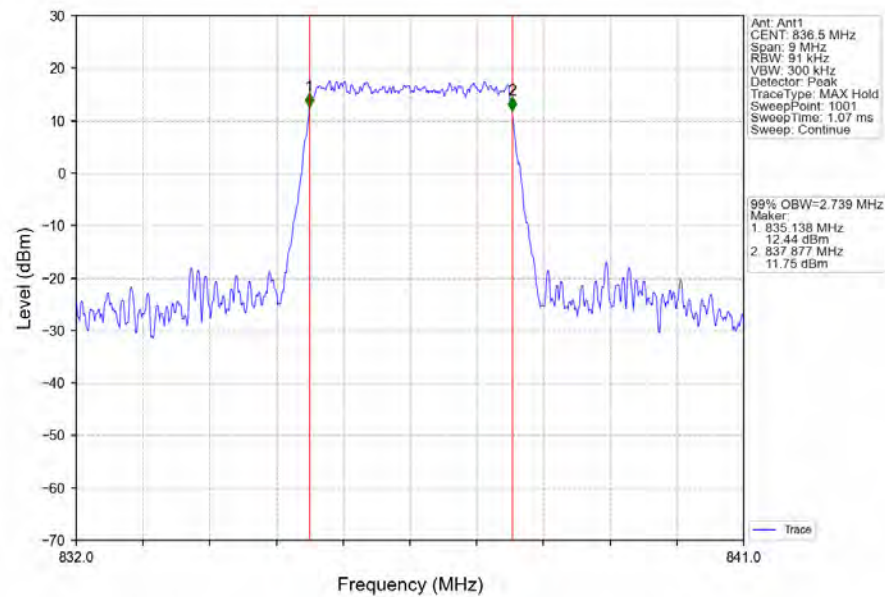
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



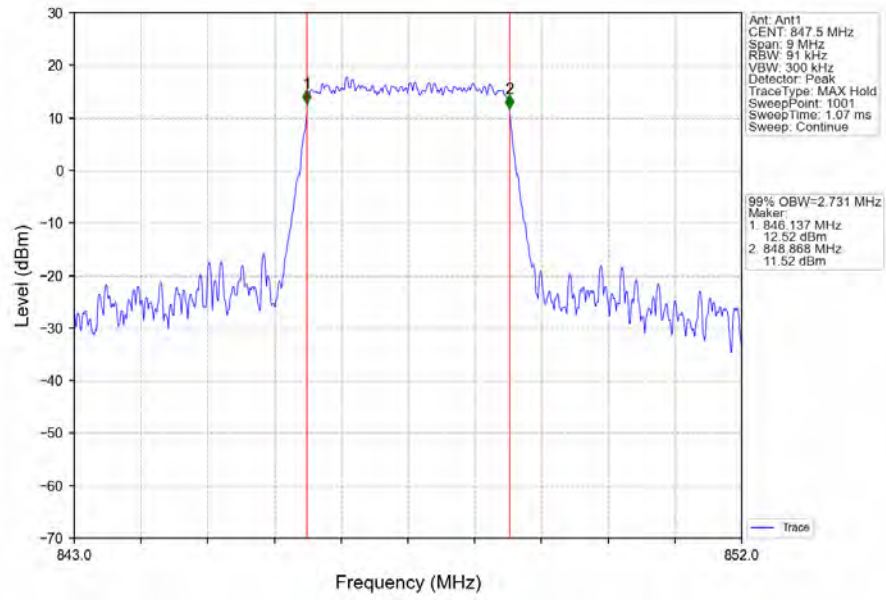
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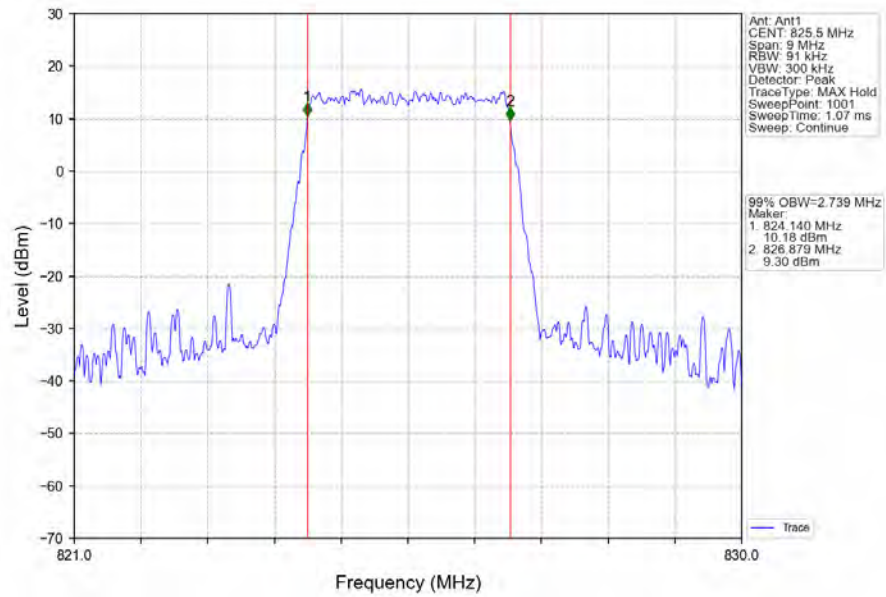
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



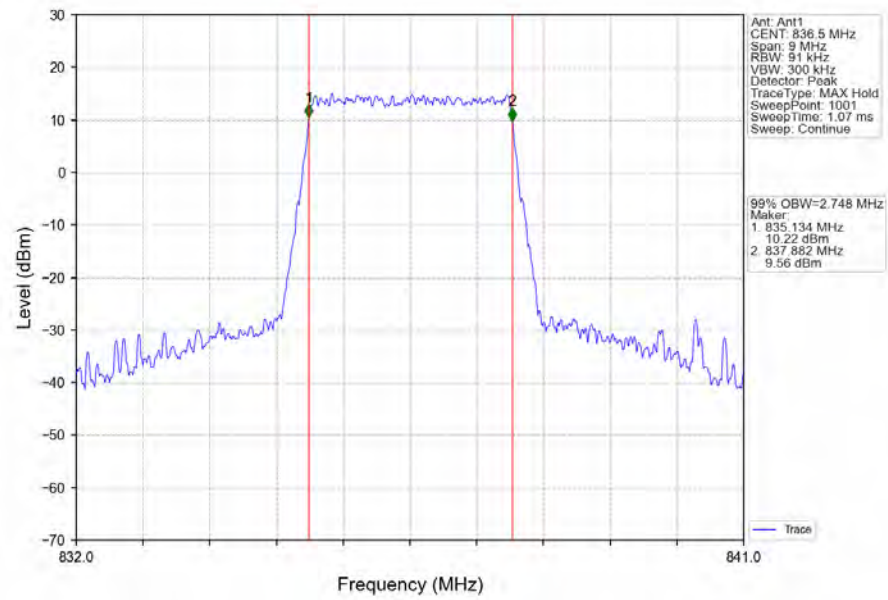
Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



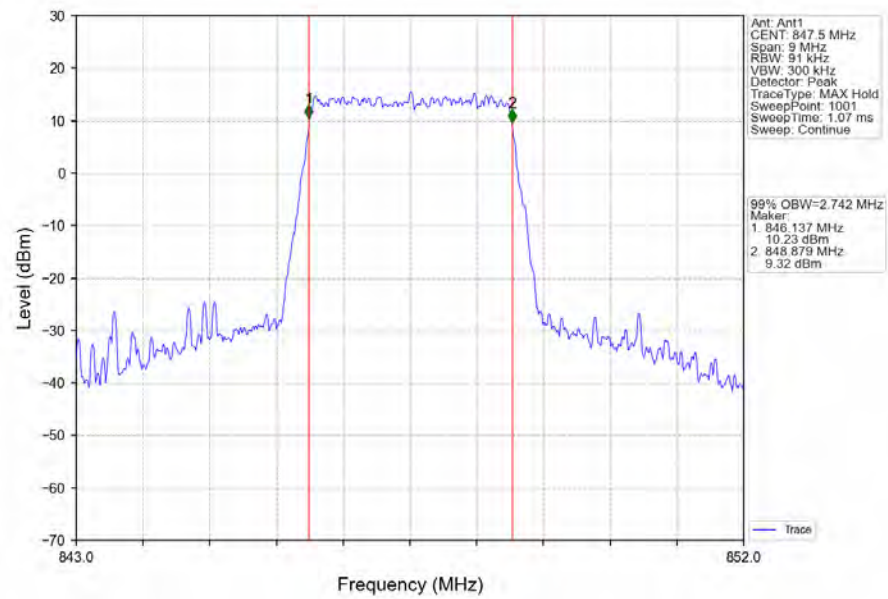
Band5_3MHz_256QAM_LCH_825.5MHz_RB_15_0_NTNV



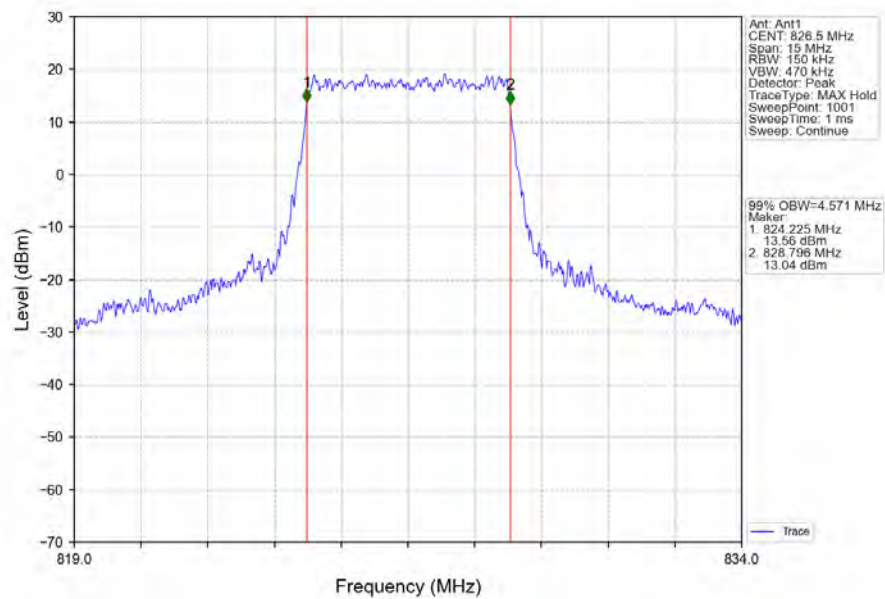
Band5_3MHz_256QAM_MCH_836.5MHz_RB_15_0_NTNV



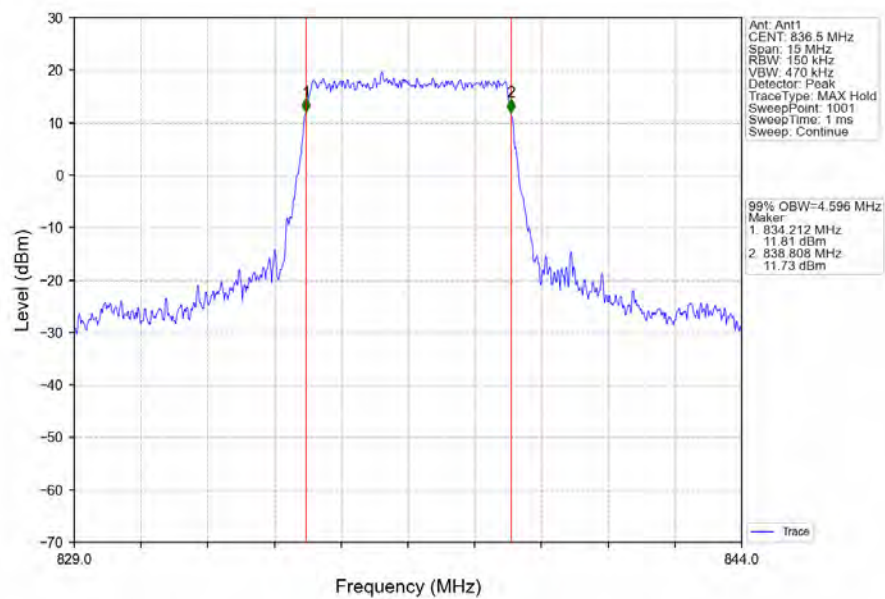
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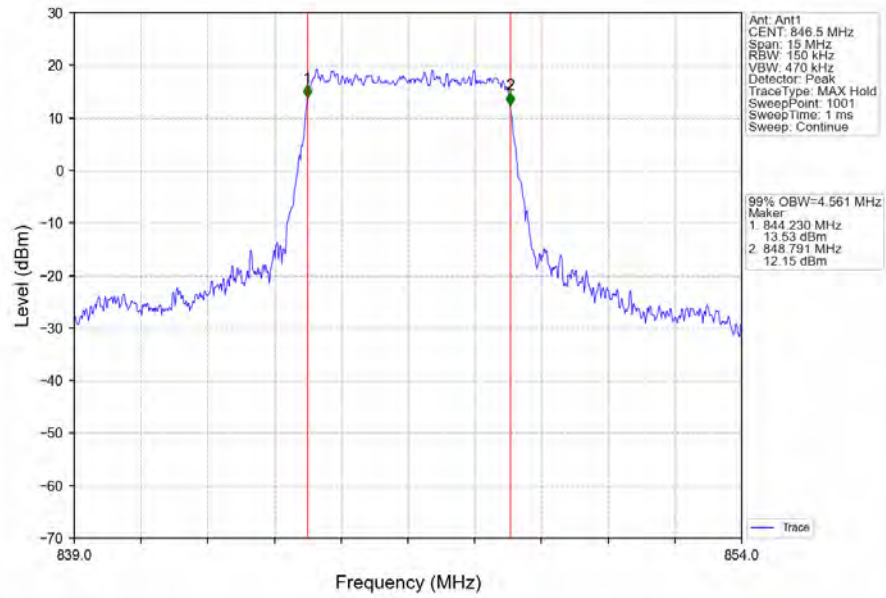
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



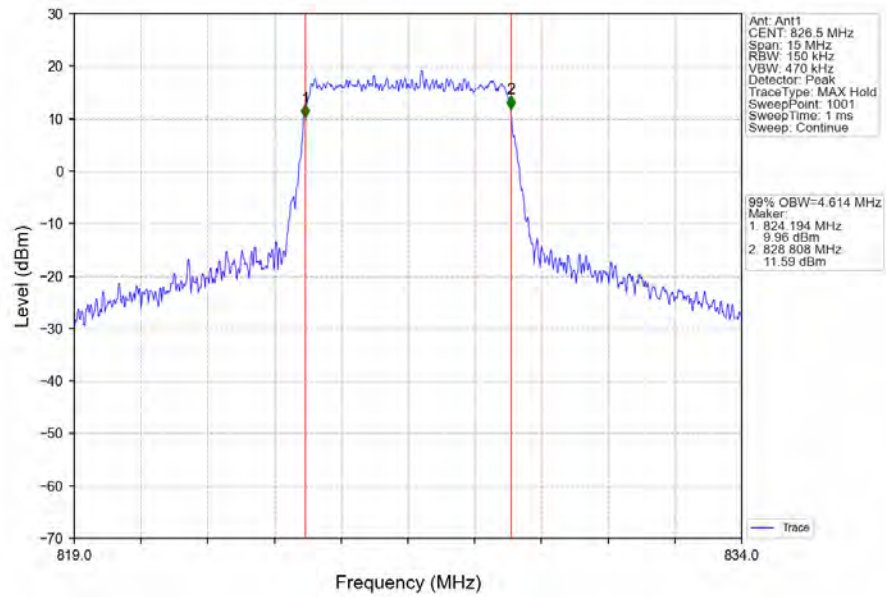
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



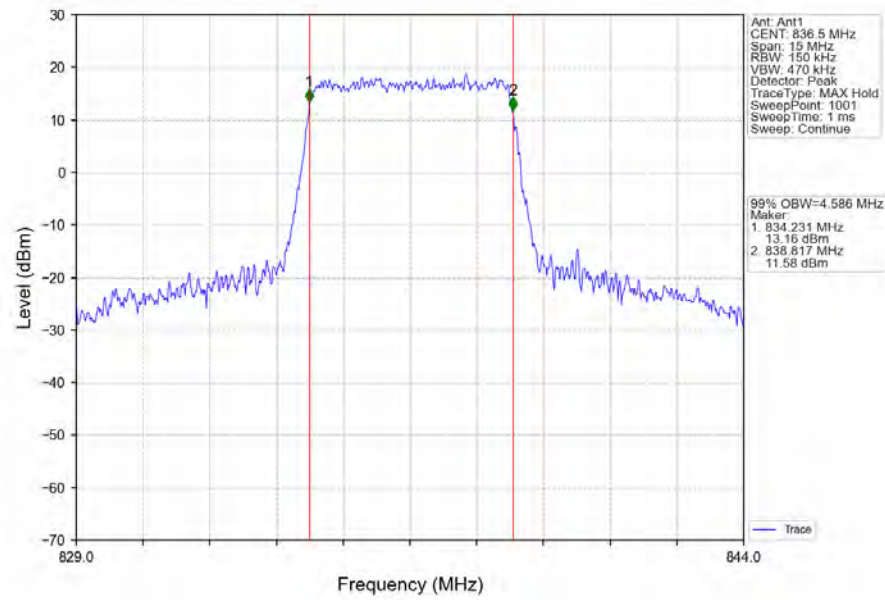
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTNV



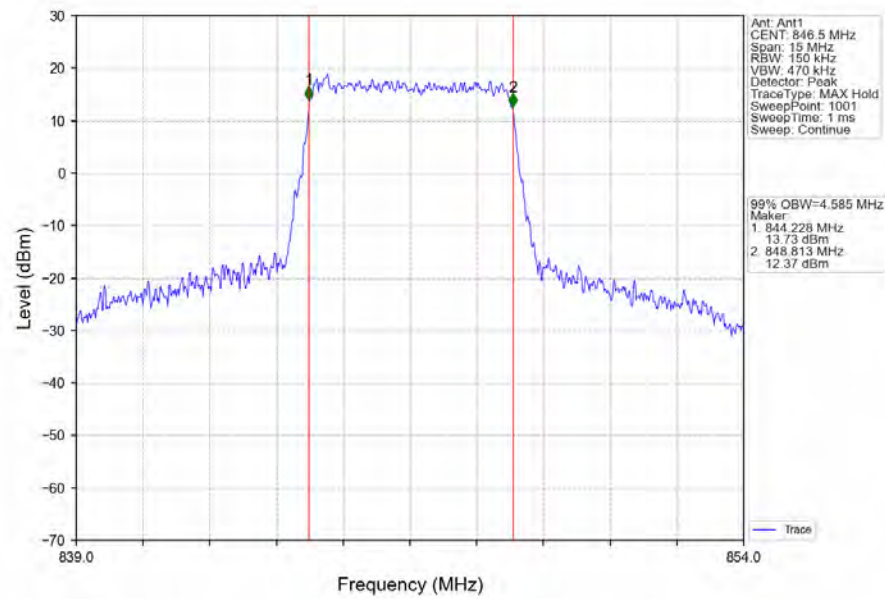
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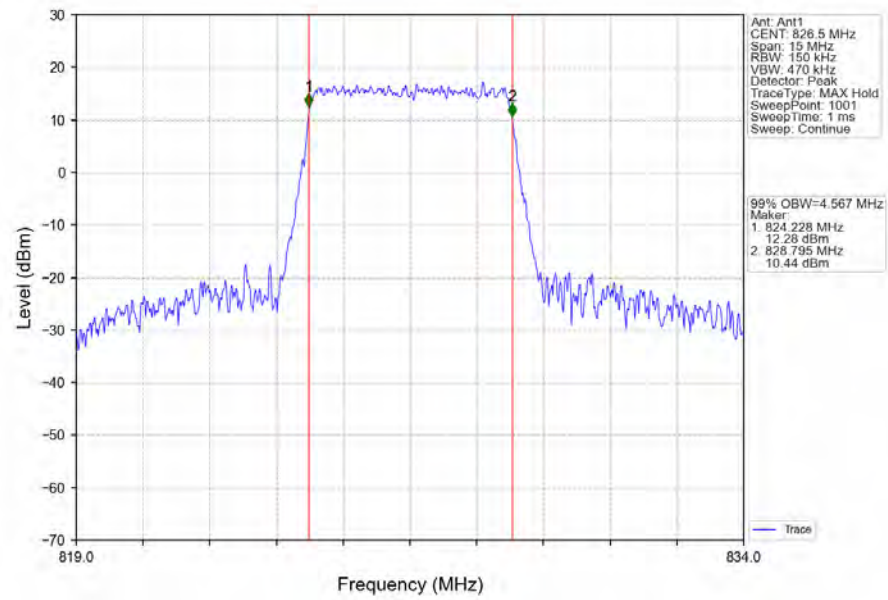
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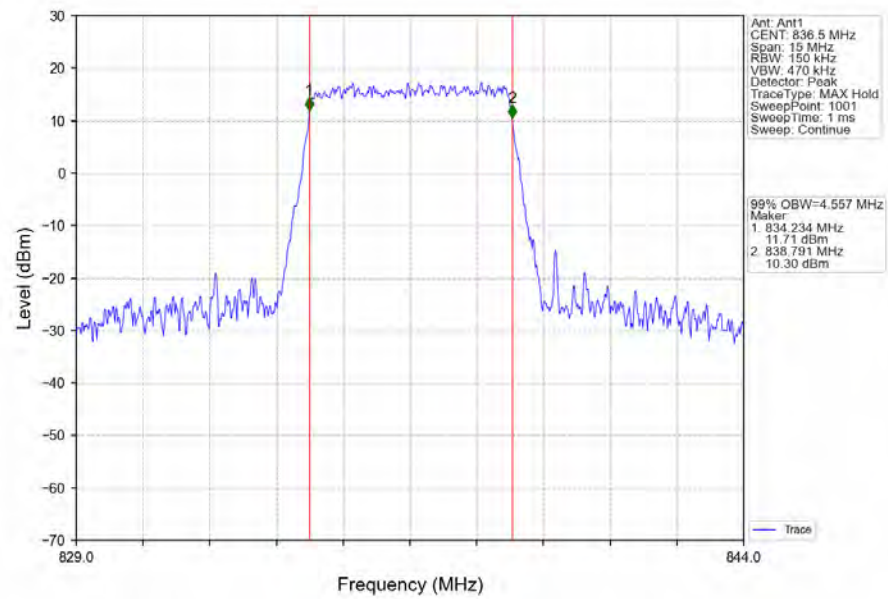
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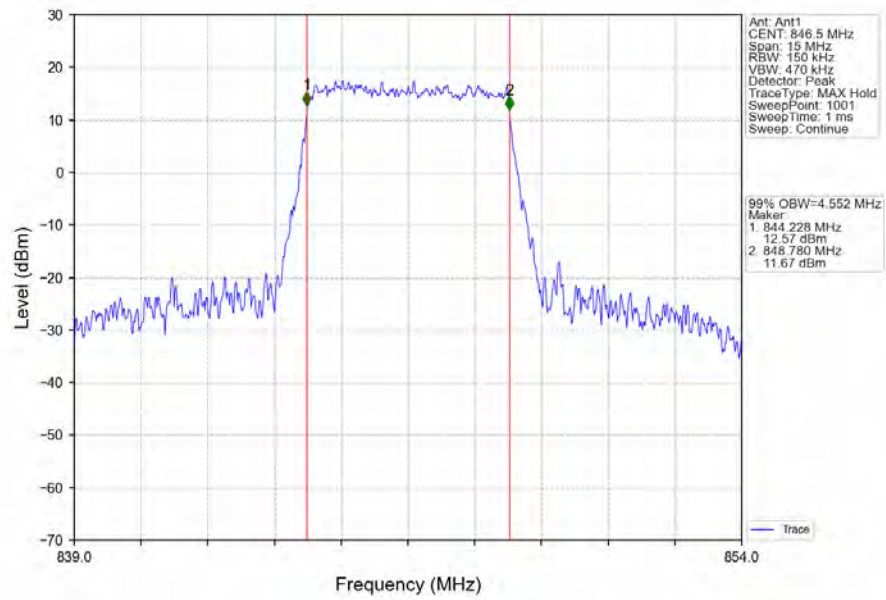
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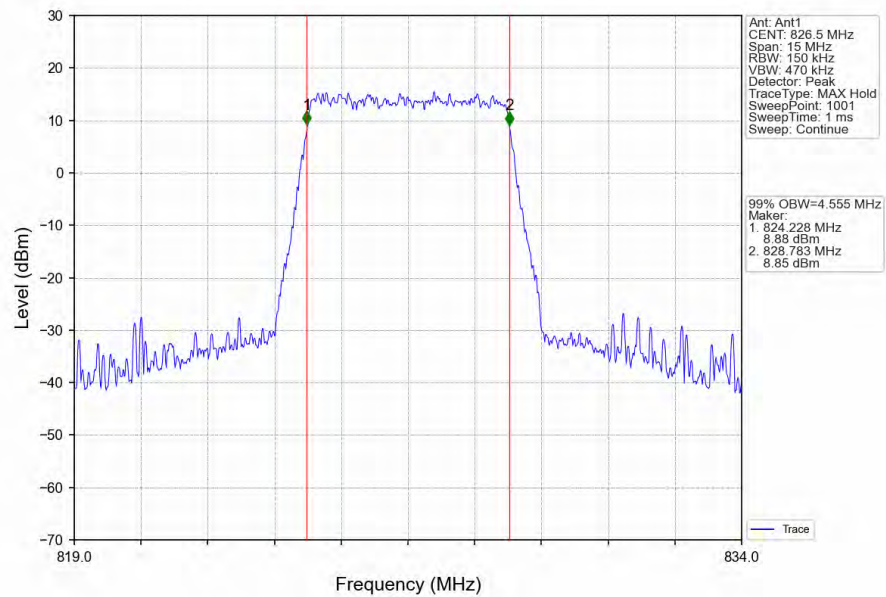
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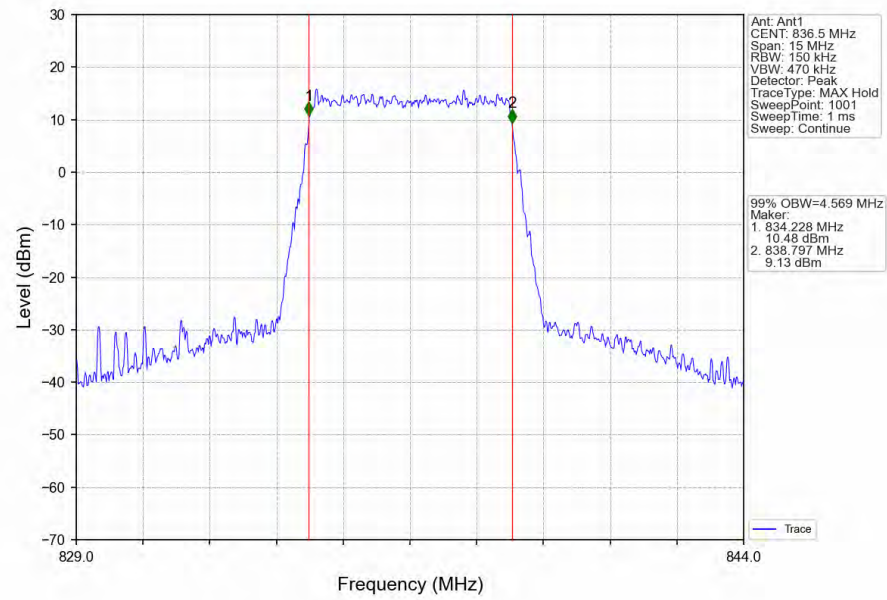
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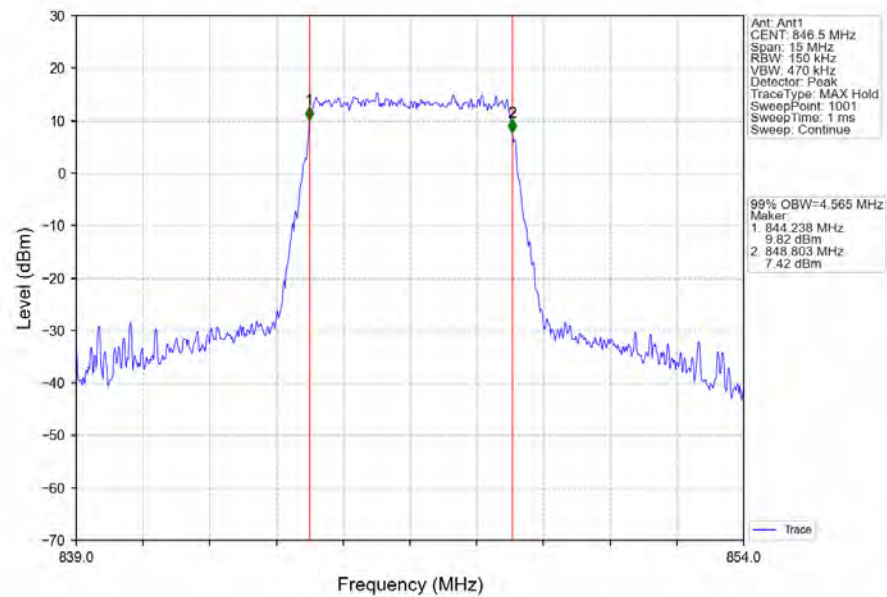
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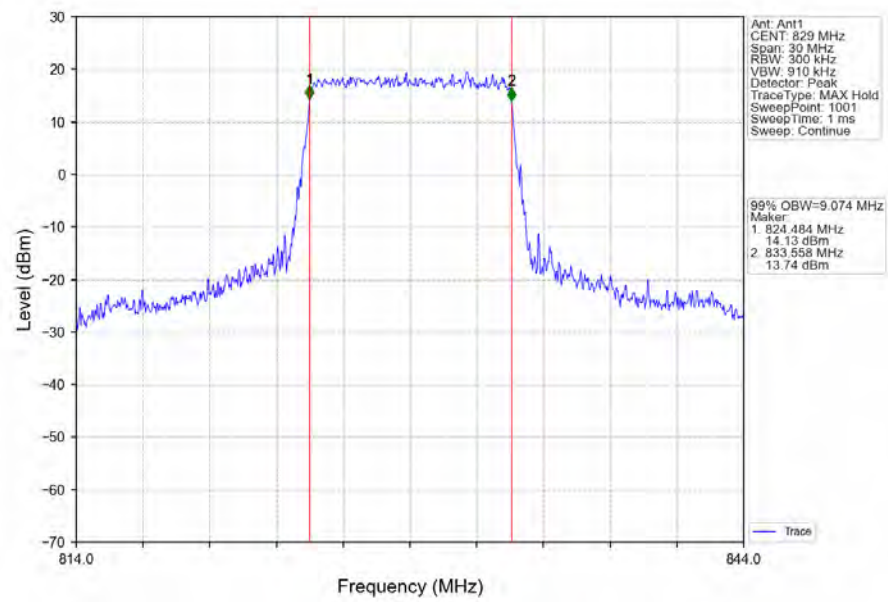
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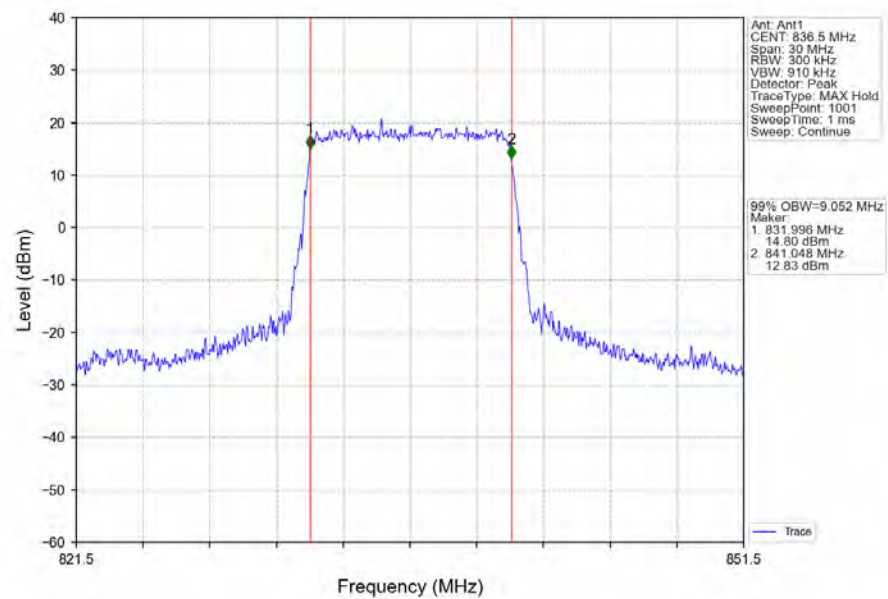
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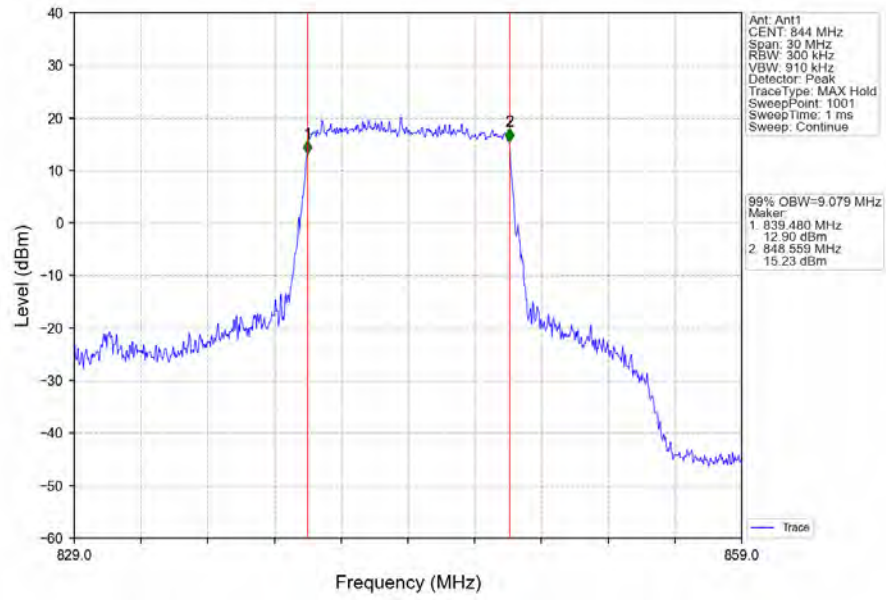
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



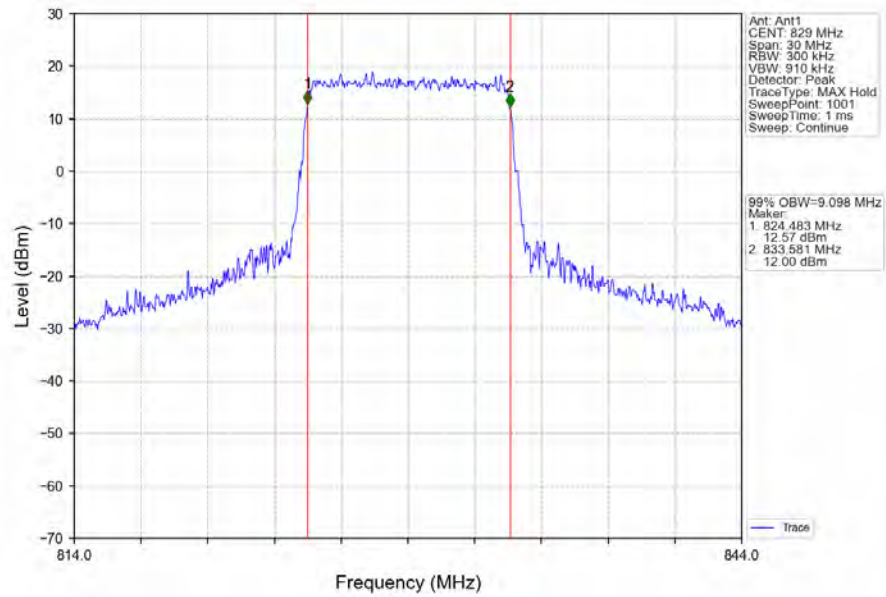
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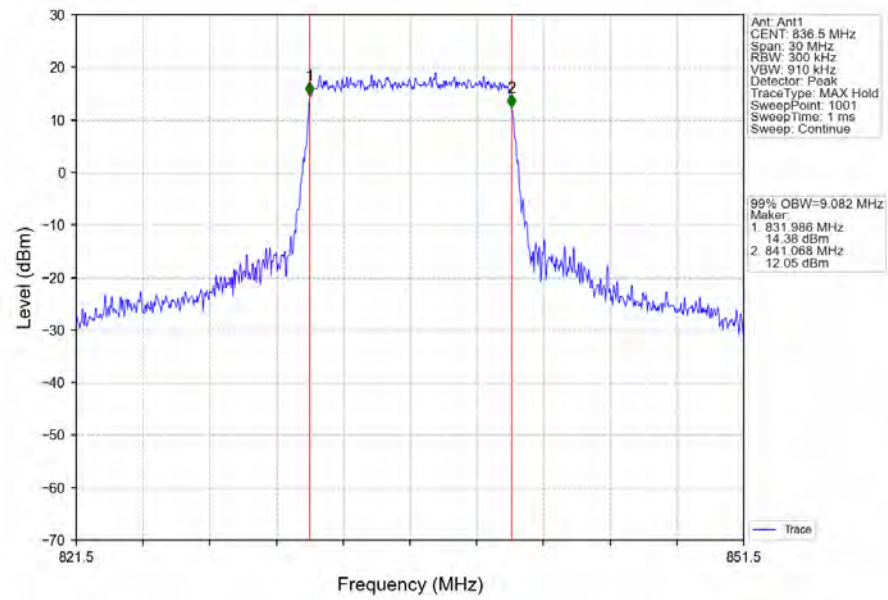
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



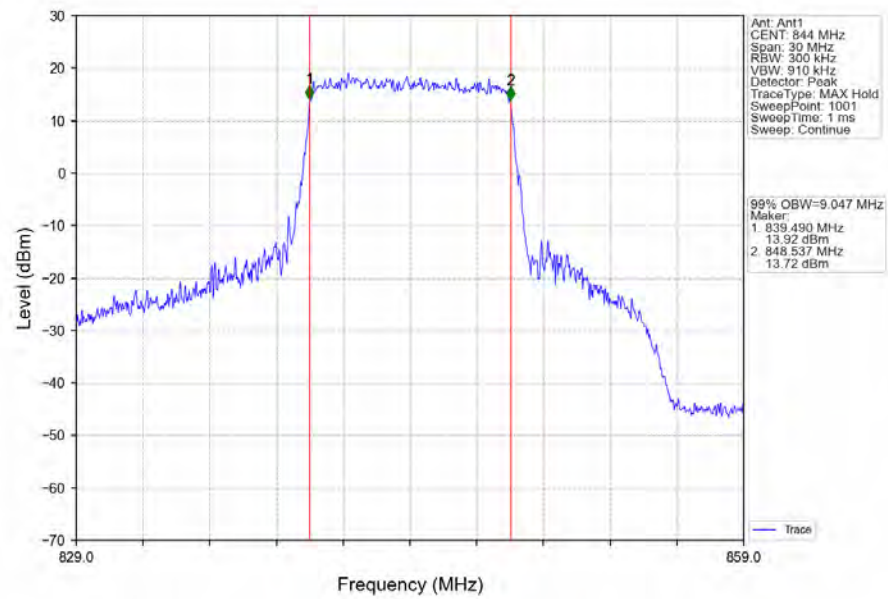
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



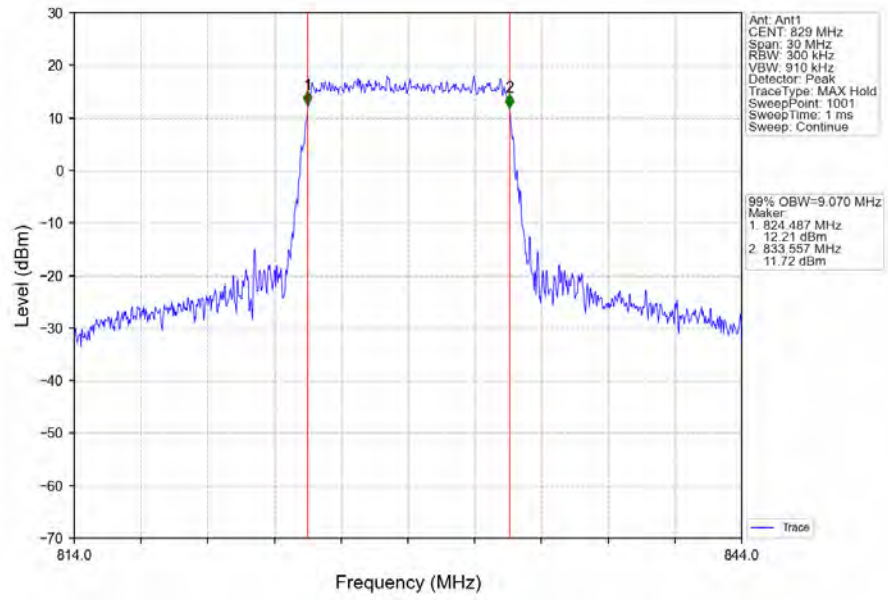
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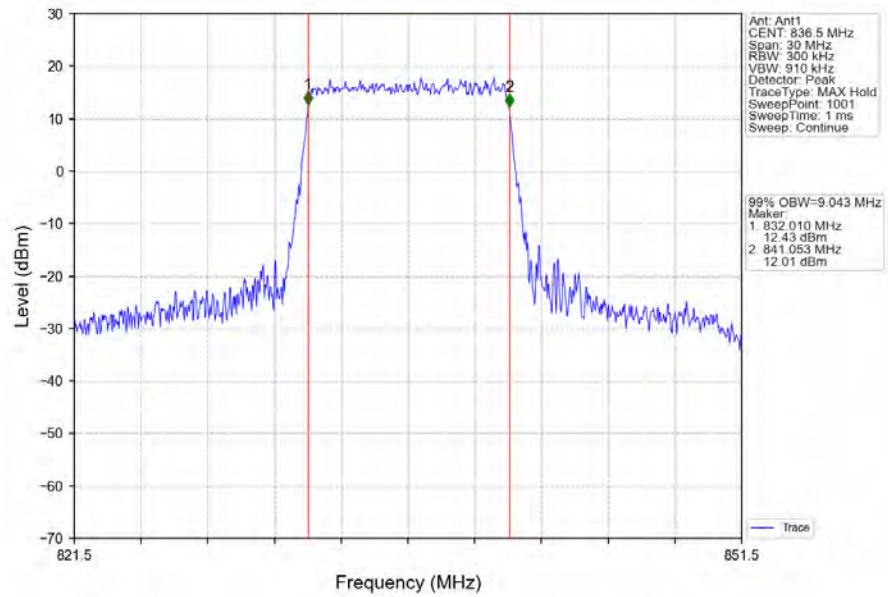
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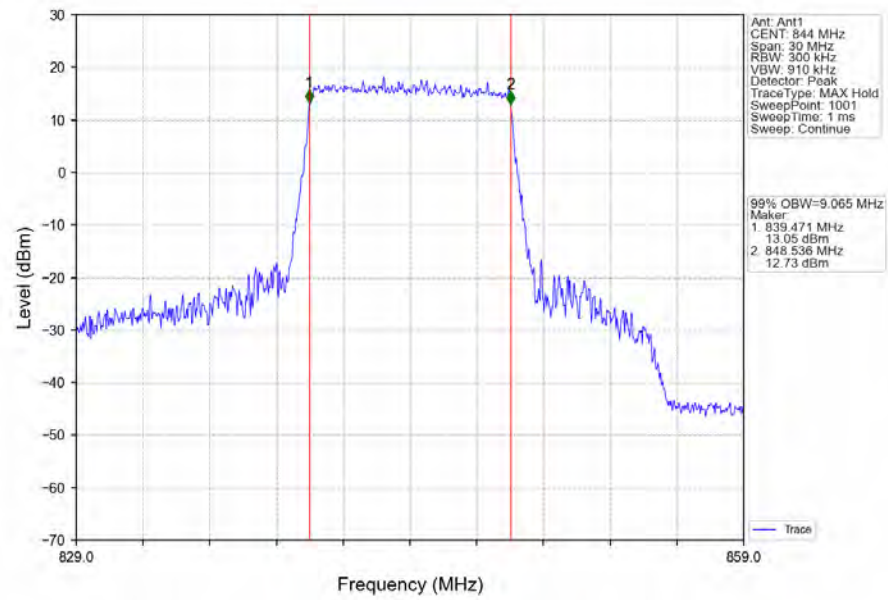
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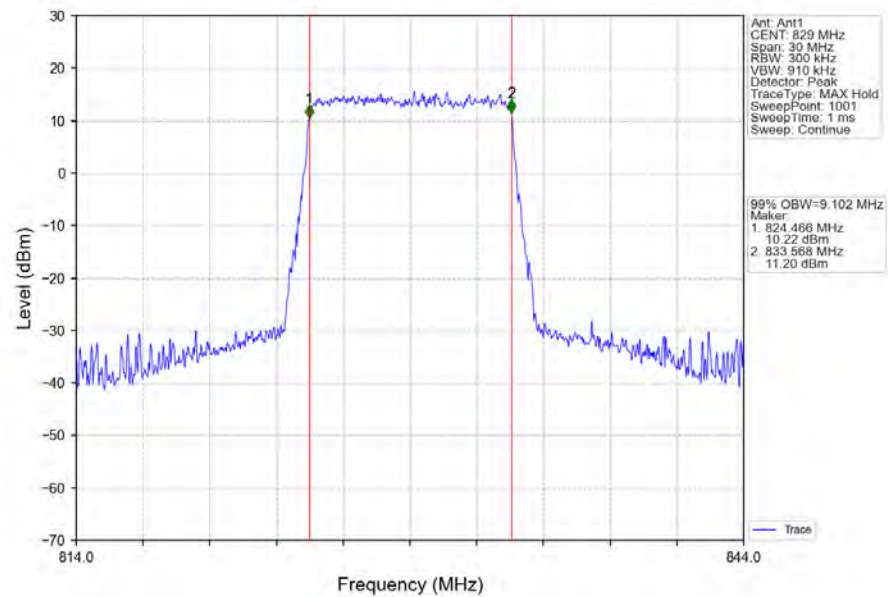
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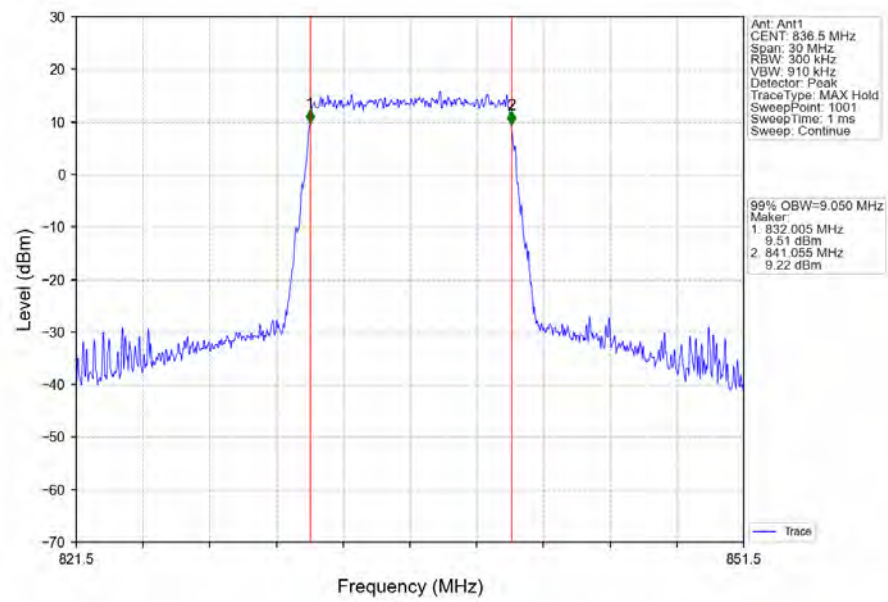
Band5 10MHz 64QAM HCH 844MHz RB 50_0 NTNV



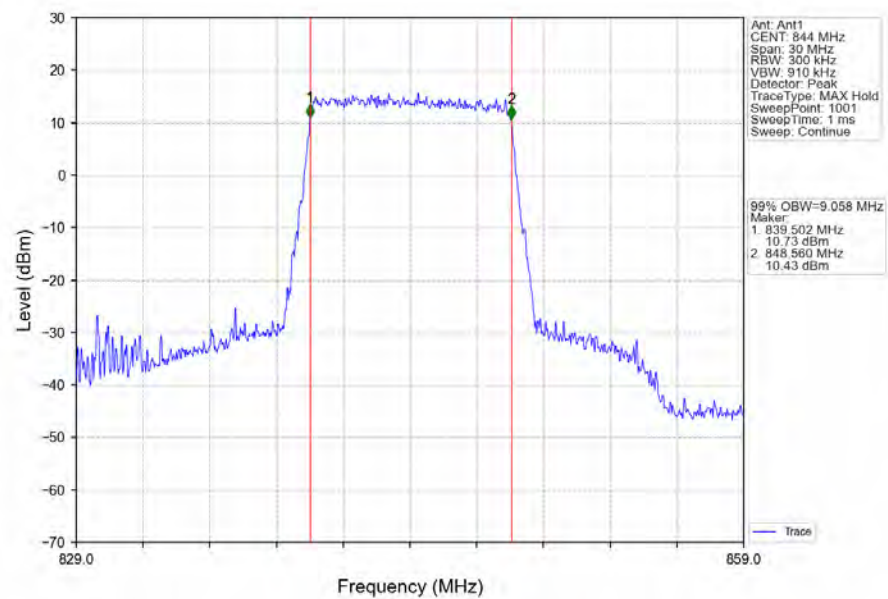
Band5_10MHz_256QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_HCH_844MHz_RB_50_0_NTNV



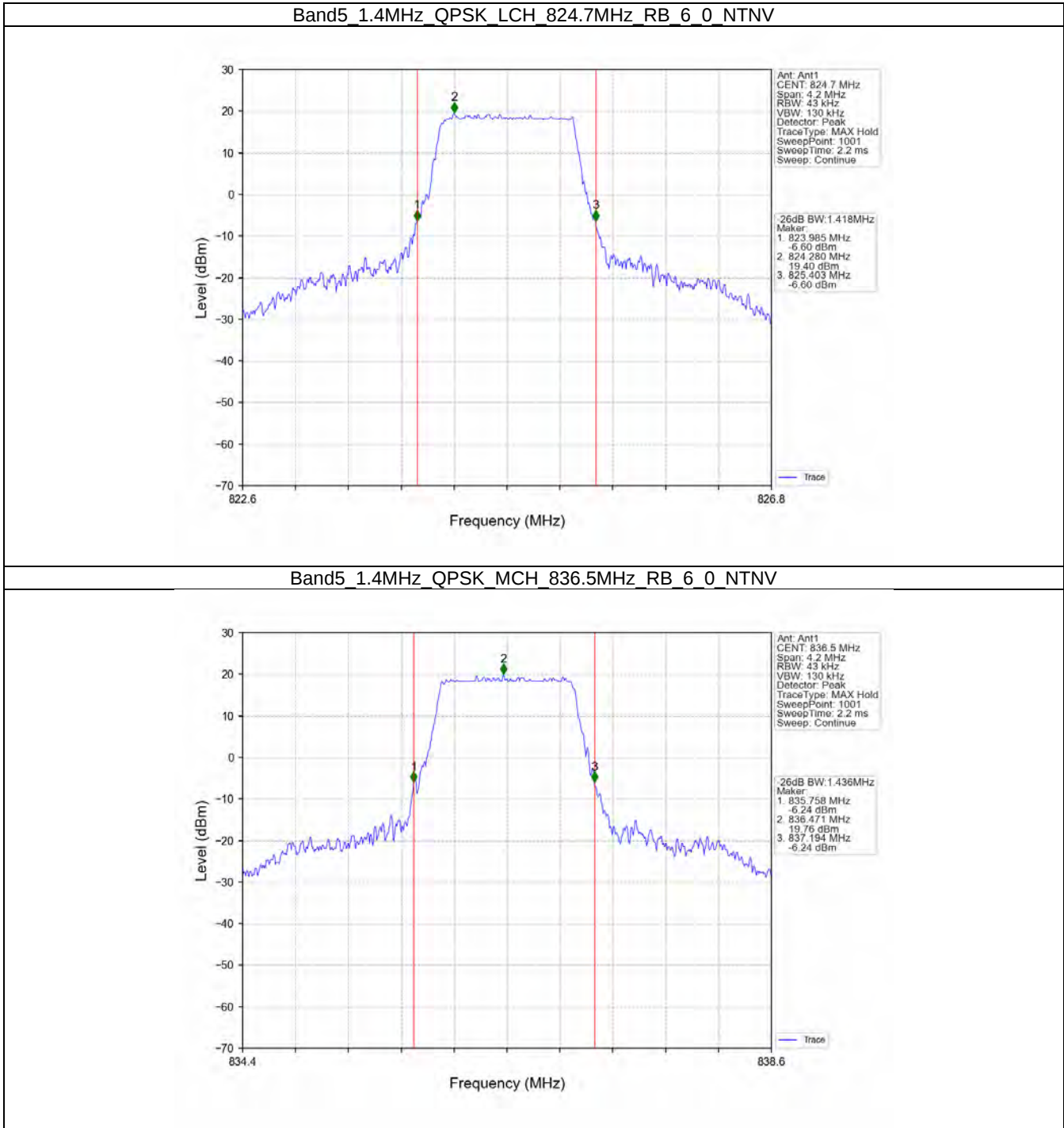
3.2 Band5_XDB

3.2.1 Test Result

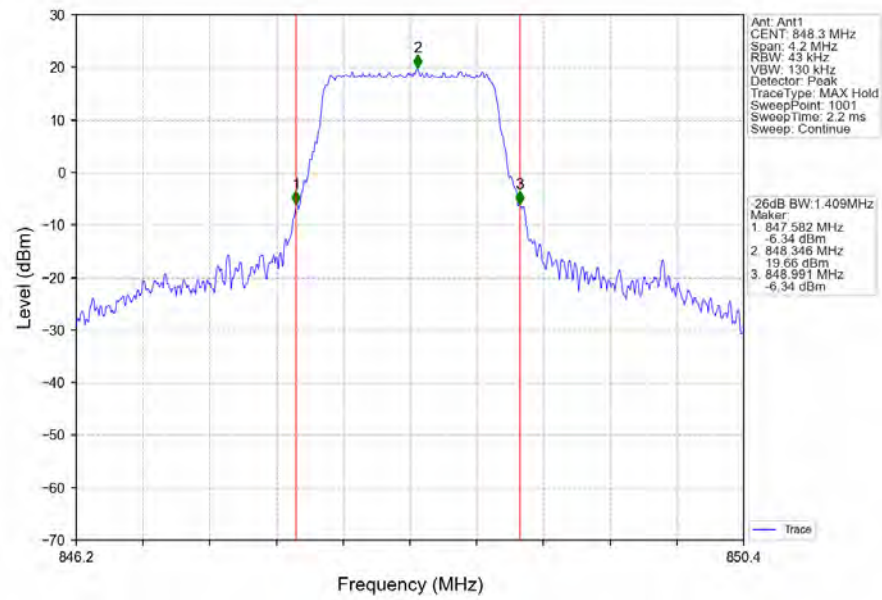
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.418	/	Pass
		836.5	6	0	1.436	/	Pass
		848.3	6	0	1.409	/	Pass
	16QAM	824.7	6	0	1.395	/	Pass
		836.5	6	0	1.406	/	Pass
		848.3	6	0	1.396	/	Pass
	64QAM	824.7	6	0	1.394	/	Pass
		836.5	6	0	1.400	/	Pass
		848.3	6	0	1.392	/	Pass
	256QAM	824.7	6	0	1.377	/	Pass
		836.5	6	0	1.375	/	Pass
		848.3	6	0	1.394	/	Pass
3	QPSK	825.5	15	0	3.180	/	Pass
		836.5	15	0	3.137	/	Pass
		847.5	15	0	3.141	/	Pass
	16QAM	825.5	15	0	3.143	/	Pass
		836.5	15	0	3.112	/	Pass
		847.5	15	0	3.131	/	Pass
	64QAM	825.5	15	0	3.135	/	Pass
		836.5	15	0	3.109	/	Pass
		847.5	15	0	3.111	/	Pass
	256QAM	825.5	15	0	3.111	/	Pass
		836.5	15	0	3.121	/	Pass
		847.5	15	0	3.133	/	Pass
5	QPSK	826.5	25	0	5.248	/	Pass
		836.5	25	0	5.219	/	Pass
		846.5	25	0	5.202	/	Pass
	16QAM	826.5	25	0	5.259	/	Pass
		836.5	25	0	5.222	/	Pass
		846.5	25	0	5.212	/	Pass
	64QAM	826.5	25	0	5.222	/	Pass
		836.5	25	0	5.251	/	Pass
		846.5	25	0	5.302	/	Pass
	256QAM	826.5	25	0	5.228	/	Pass
		836.5	25	0	5.261	/	Pass
		846.5	25	0	5.282	/	Pass
10	QPSK	829	50	0	10.223	/	Pass
		836.5	50	0	10.037	/	Pass
		844	50	0	10.184	/	Pass
	16QAM	829	50	0	10.061	/	Pass
		836.5	50	0	10.119	/	Pass
		844	50	0	10.176	/	Pass
	64QAM	829	50	0	10.200	/	Pass
		836.5	50	0	10.183	/	Pass
		844	50	0	10.138	/	Pass
	256QAM	829	50	0	10.090	/	Pass
		836.5	50	0	10.213	/	Pass

		844	50	0	10.080	/	Pass
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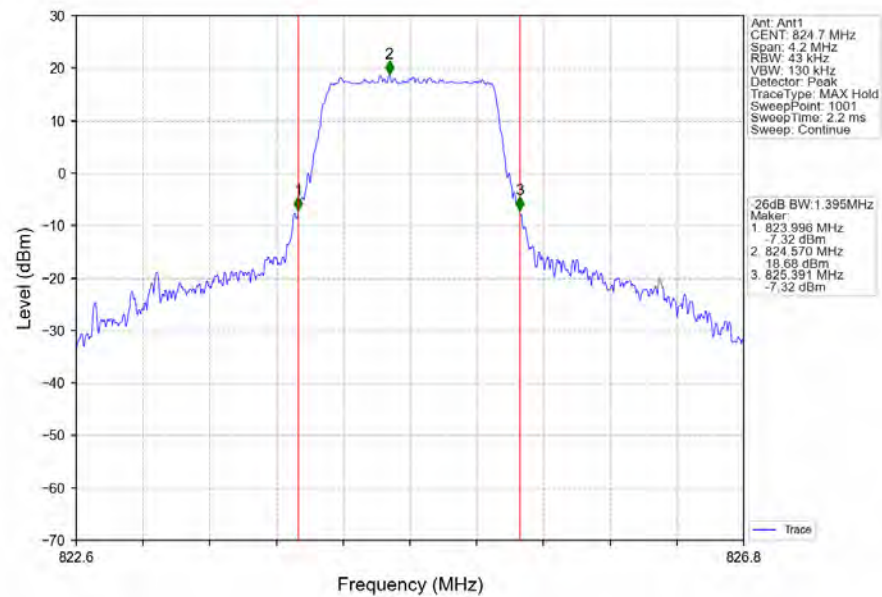
3.2.2 Test Graph



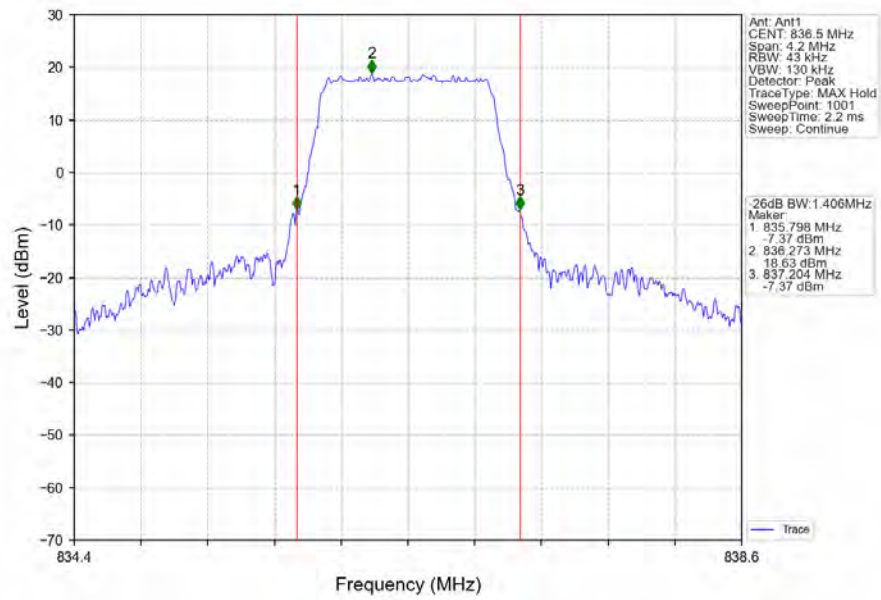
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



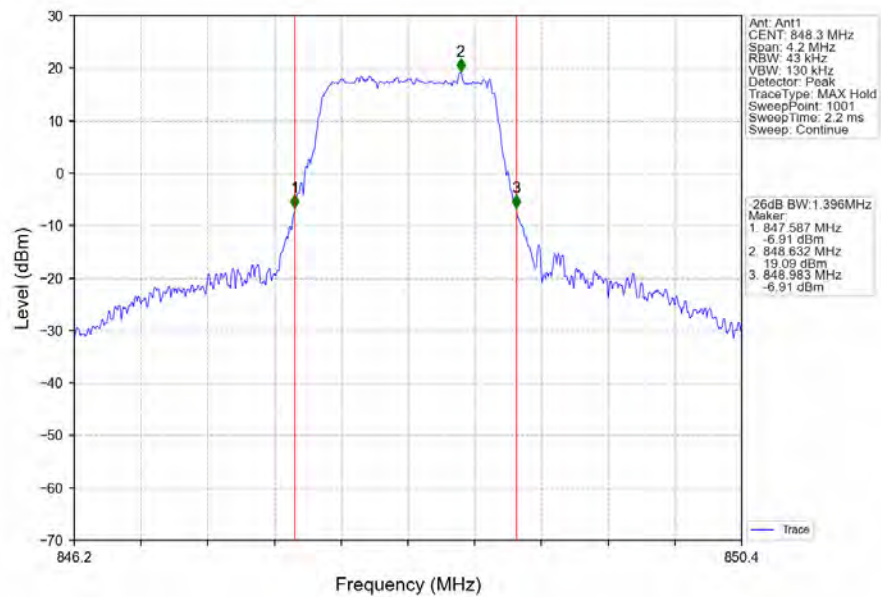
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



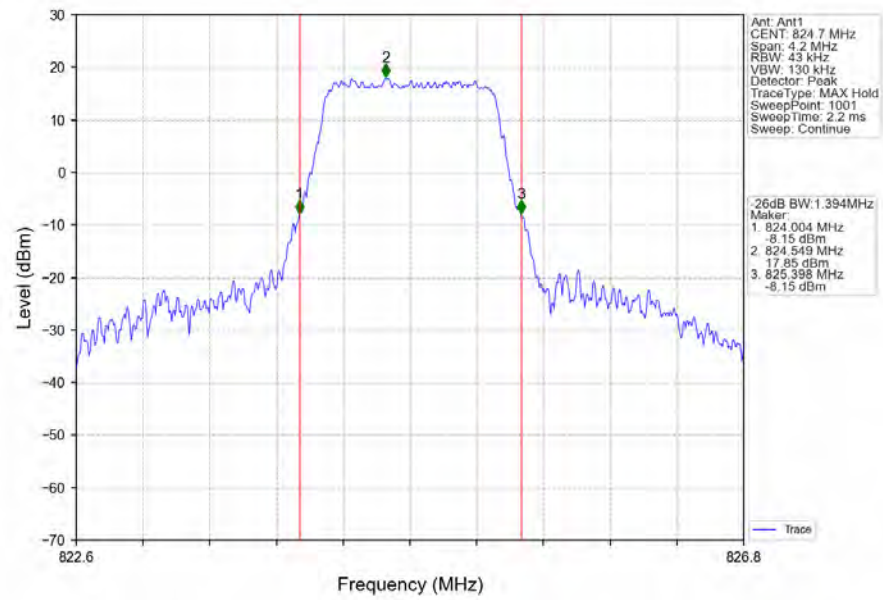
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



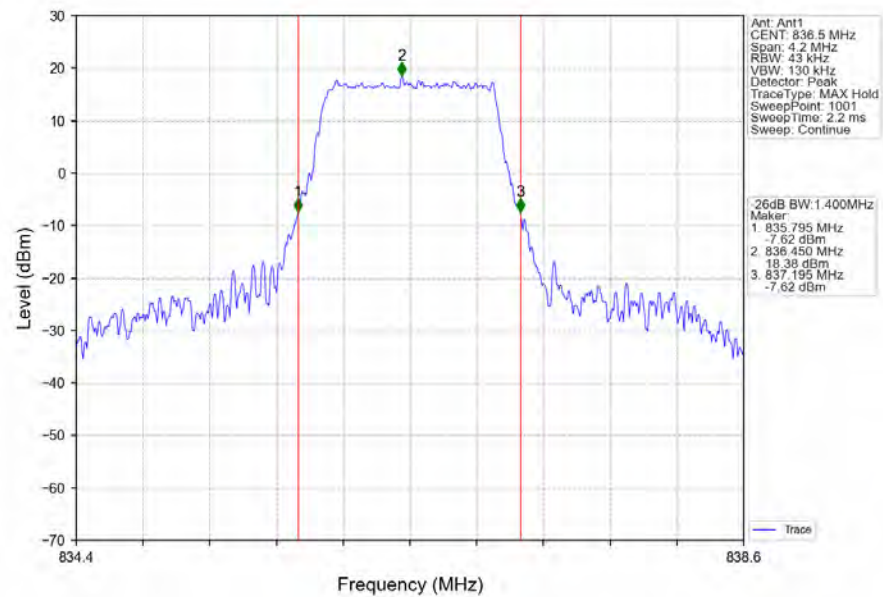
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



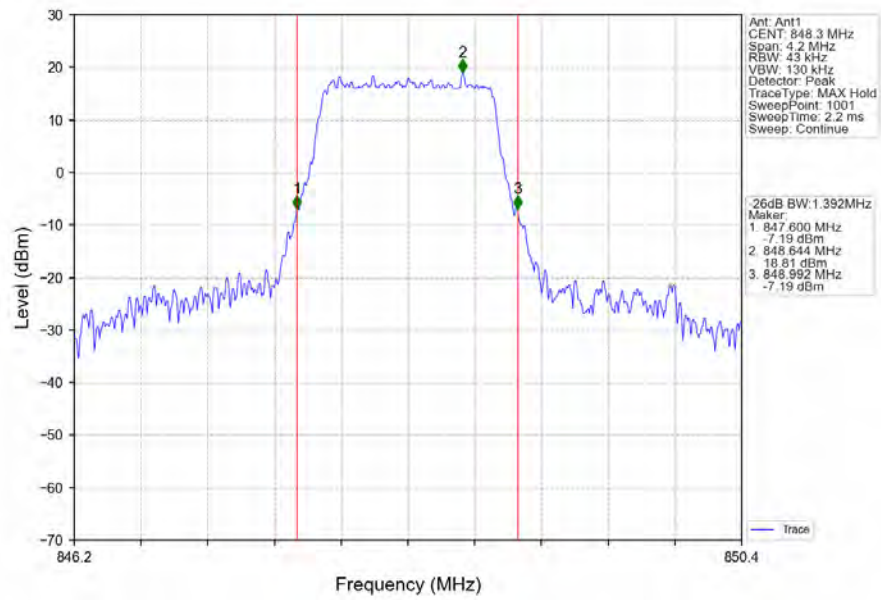
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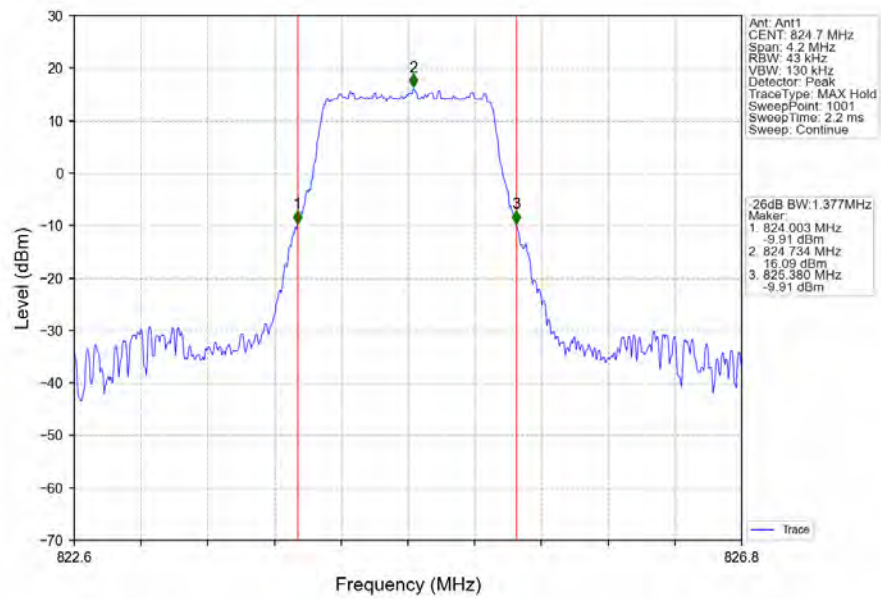
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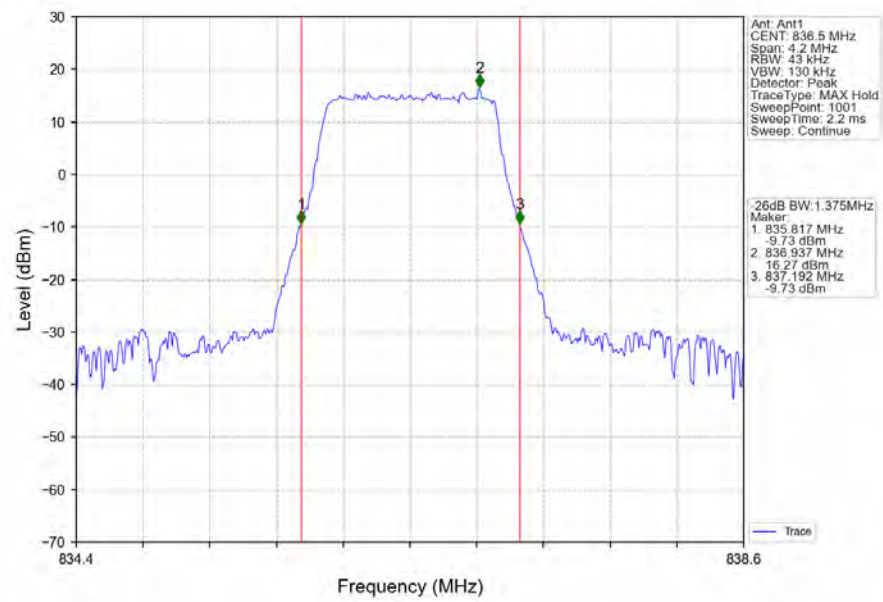
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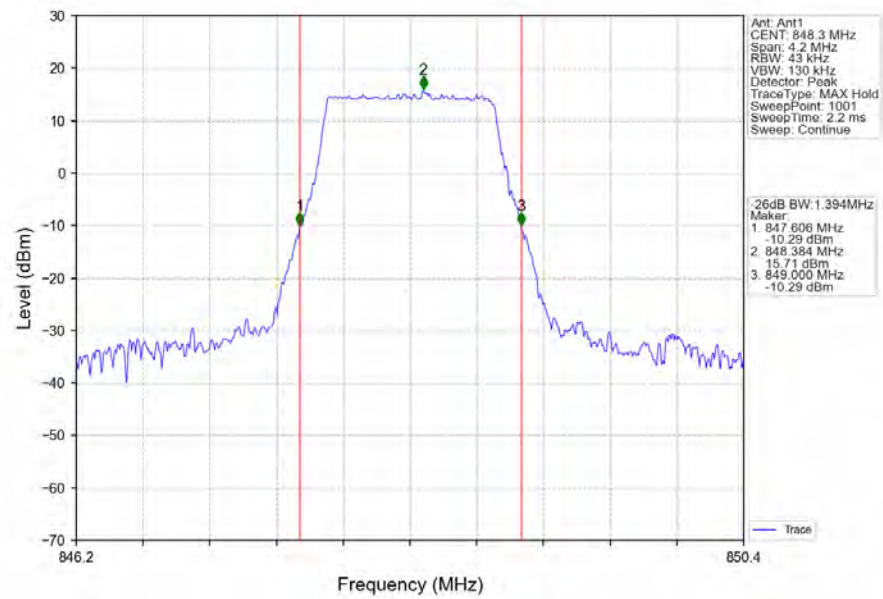
Band5_1.4MHz_256QAM_LCH_824.7MHz_RB_6_0_NTNV



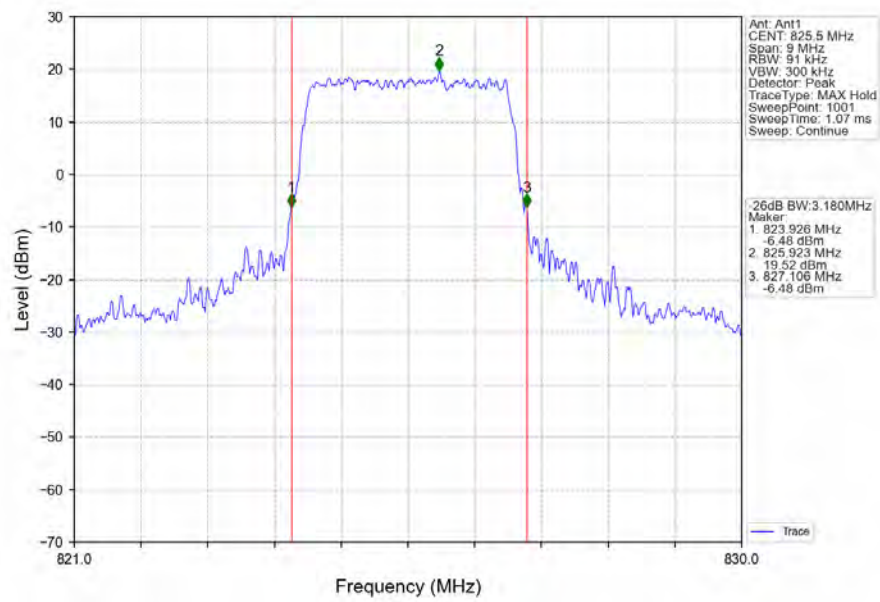
Band5 1.4MHz 256QAM MCH 836.5MHz RB 6 0 NTN



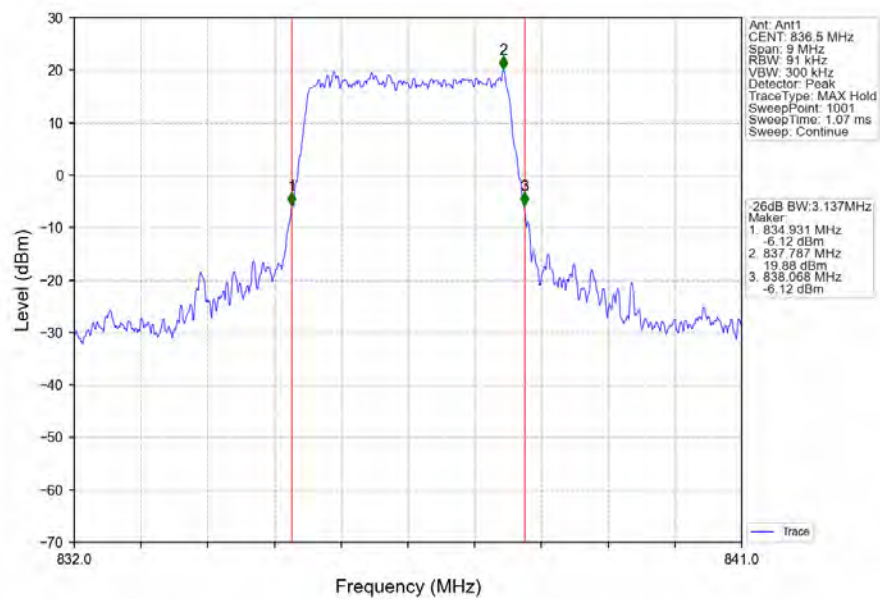
Band5 1.4MHz 256QAM HCH 848.3MHz RB 6 0 NTN



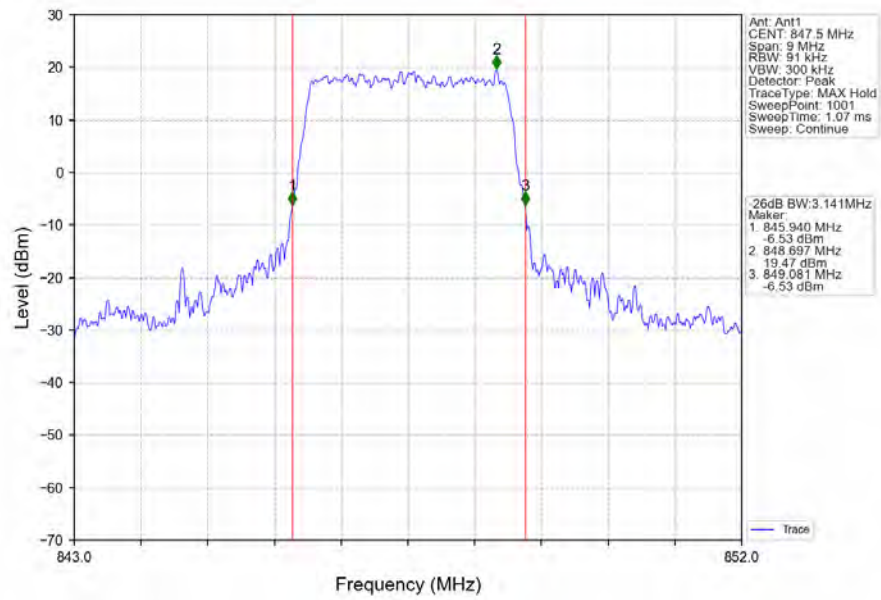
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



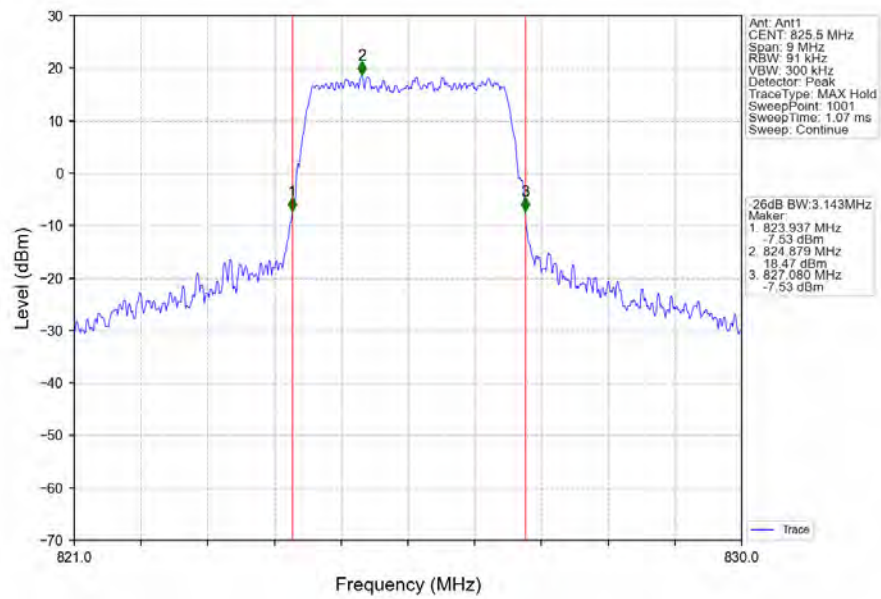
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



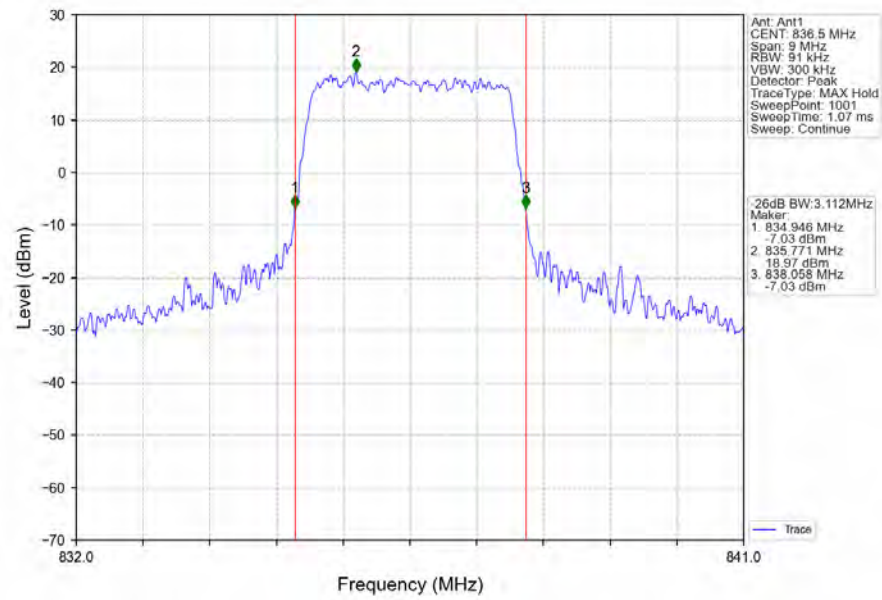
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



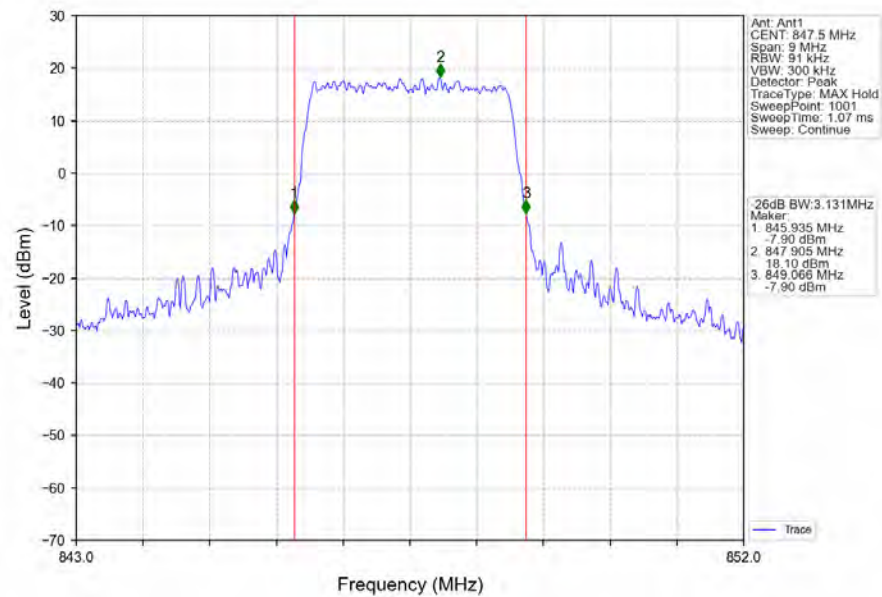
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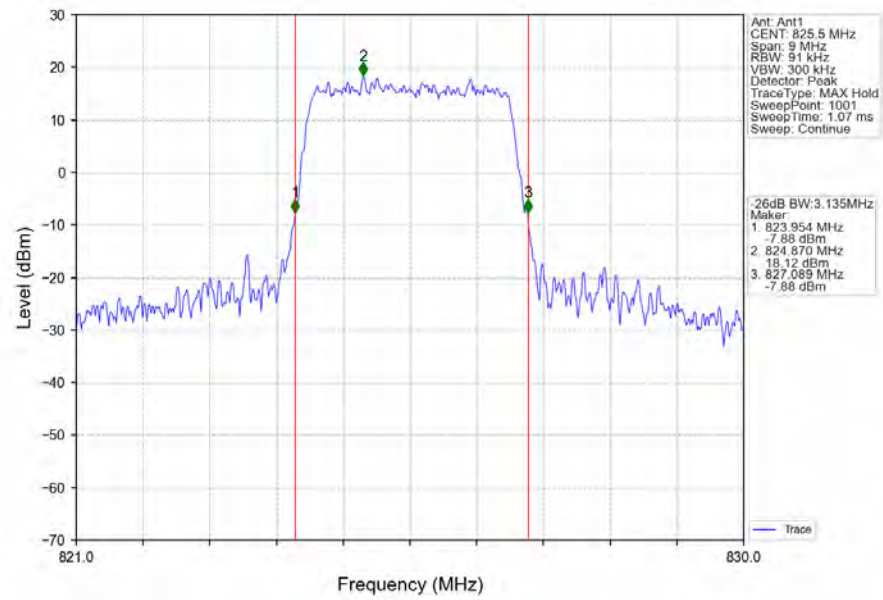
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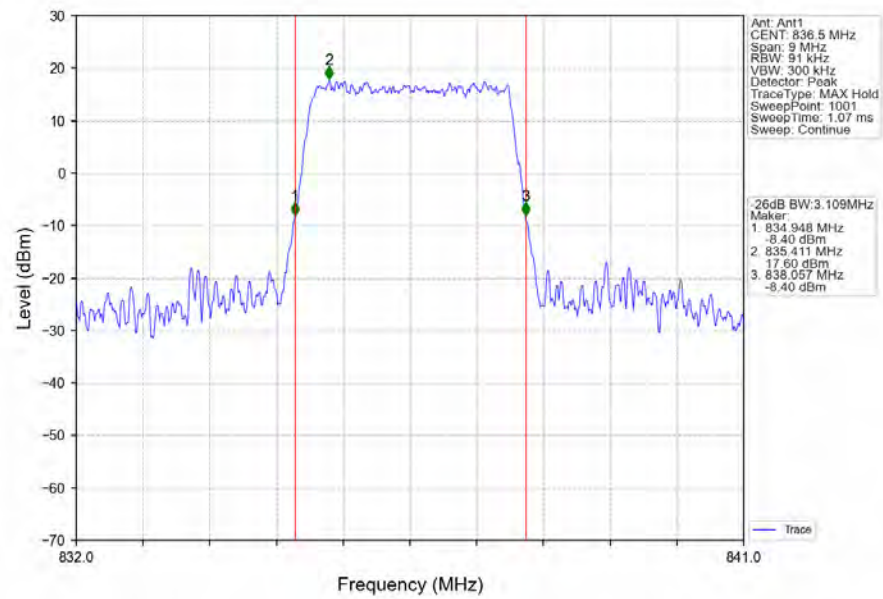
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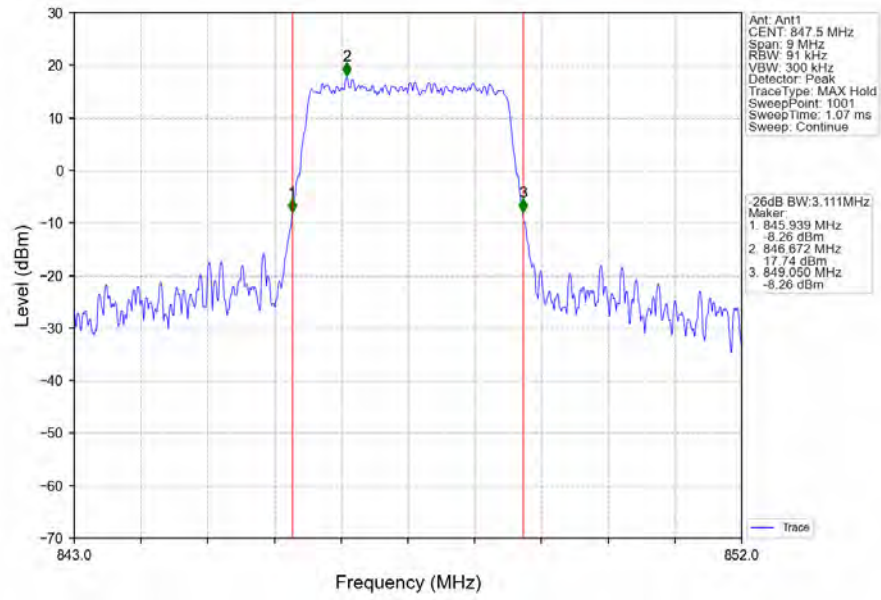
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



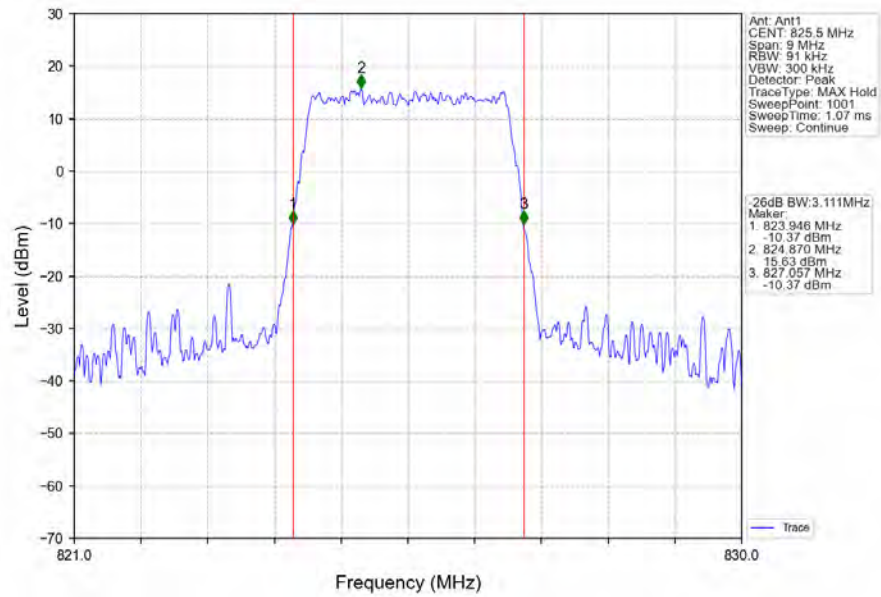
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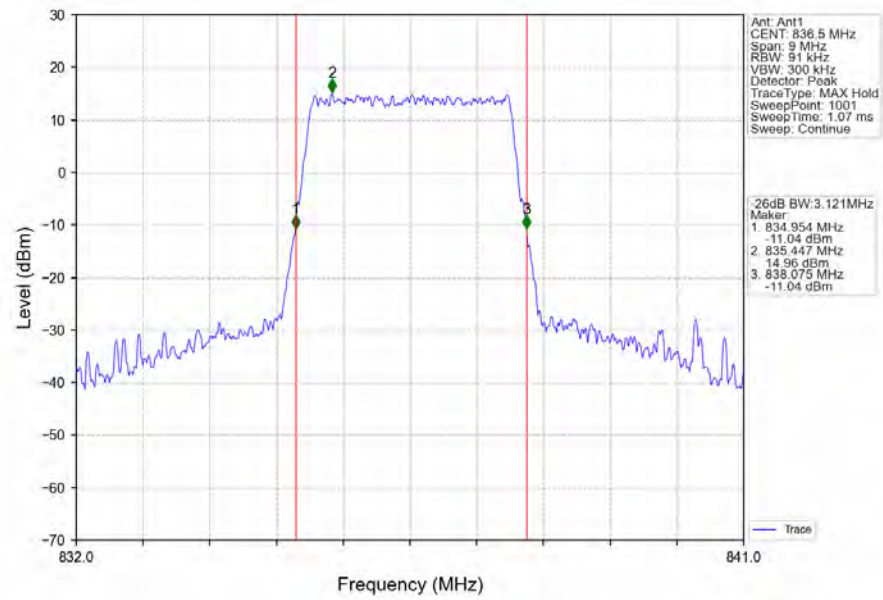
Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



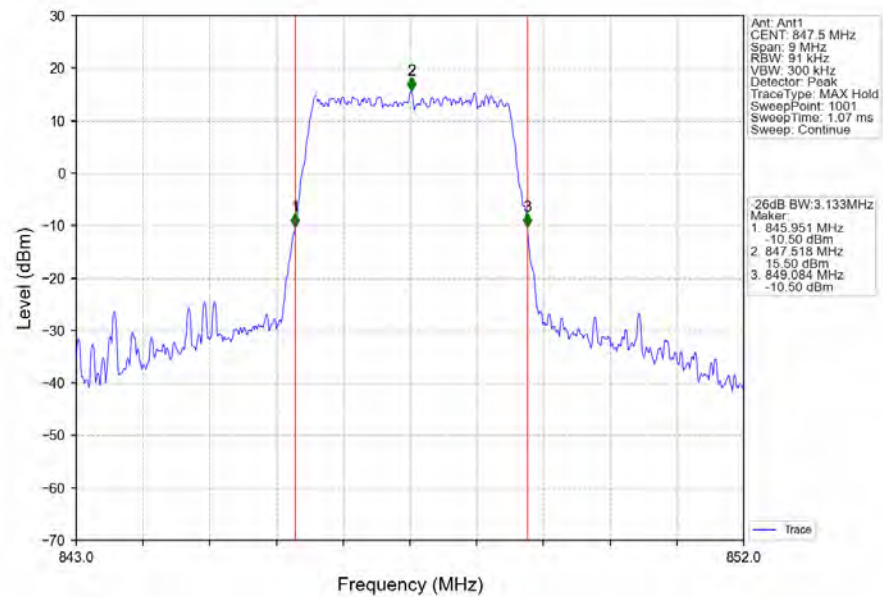
Band5_3MHz_256QAM_LCH_825.5MHz_RB_15_0_NTNV



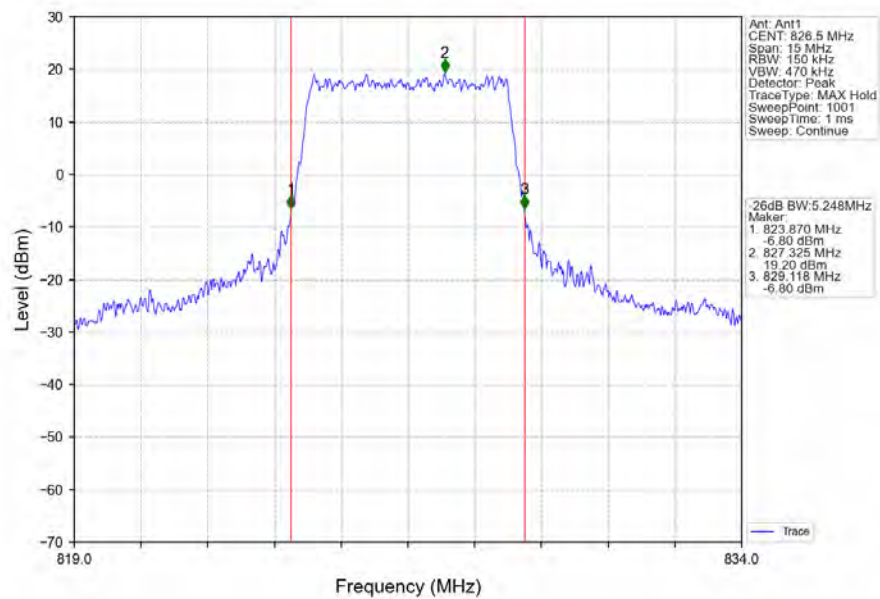
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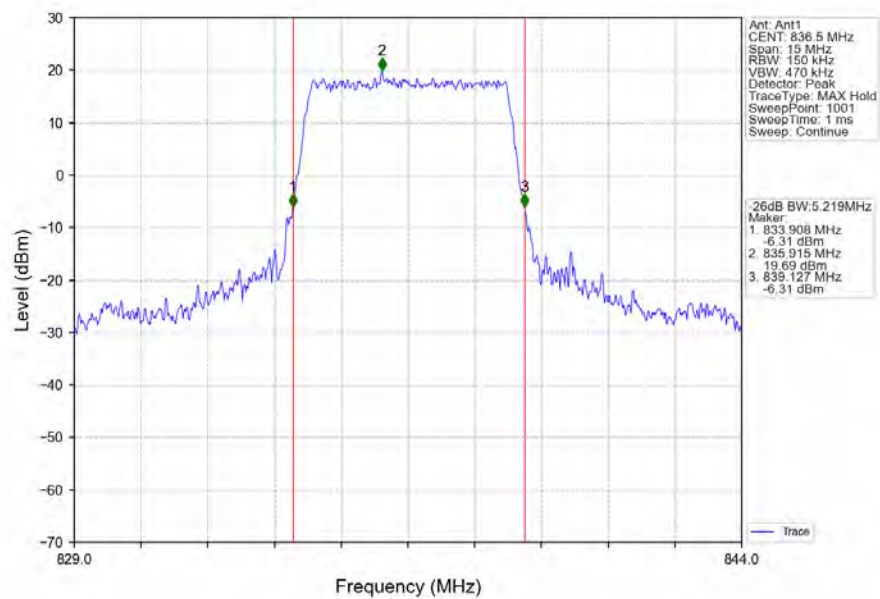
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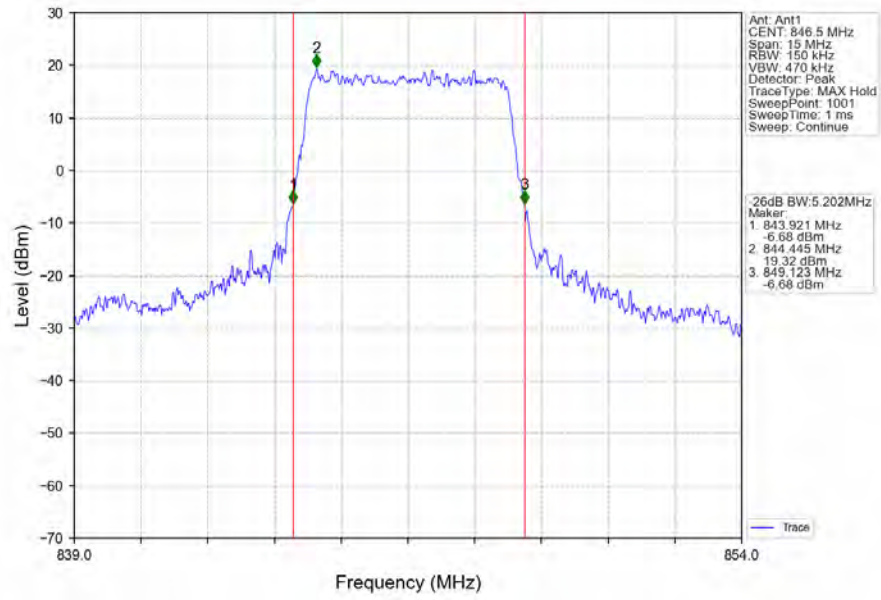
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



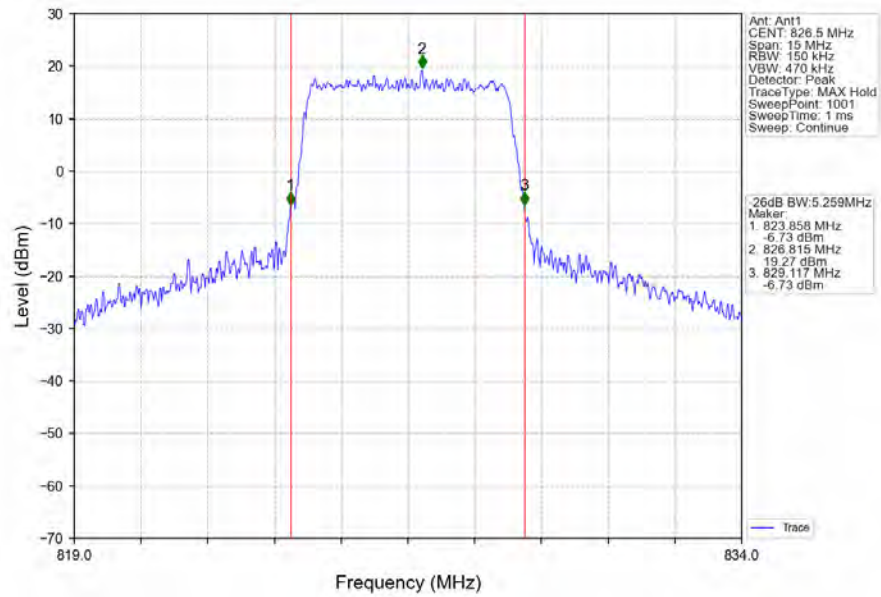
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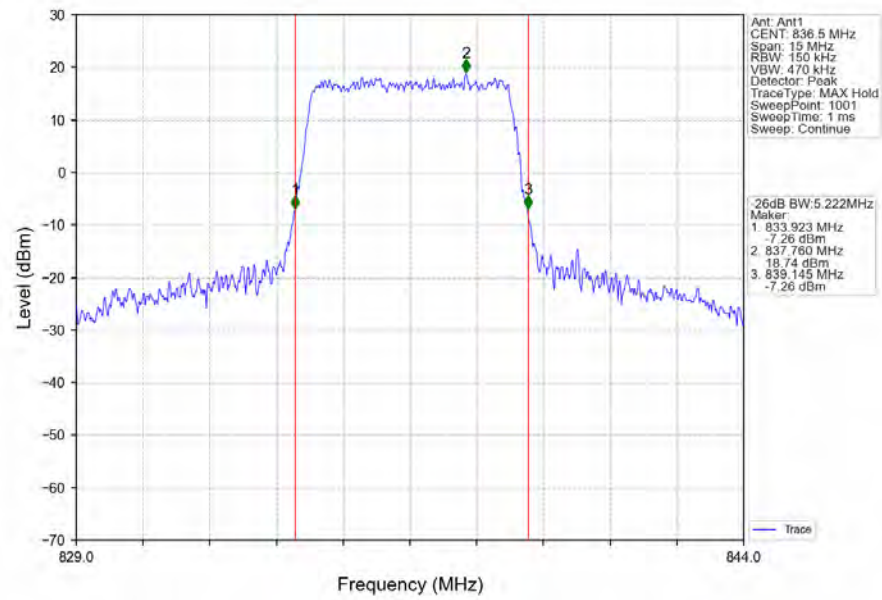
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTNV



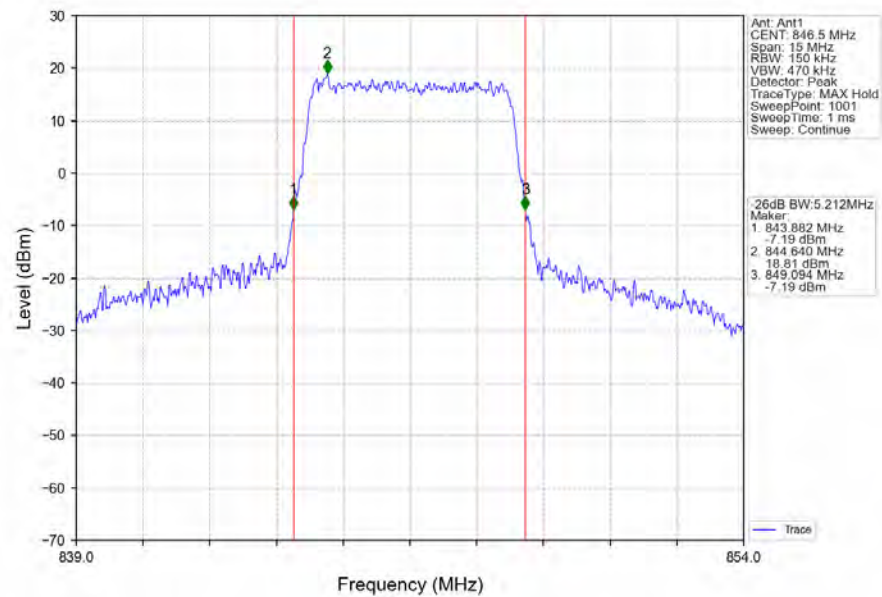
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



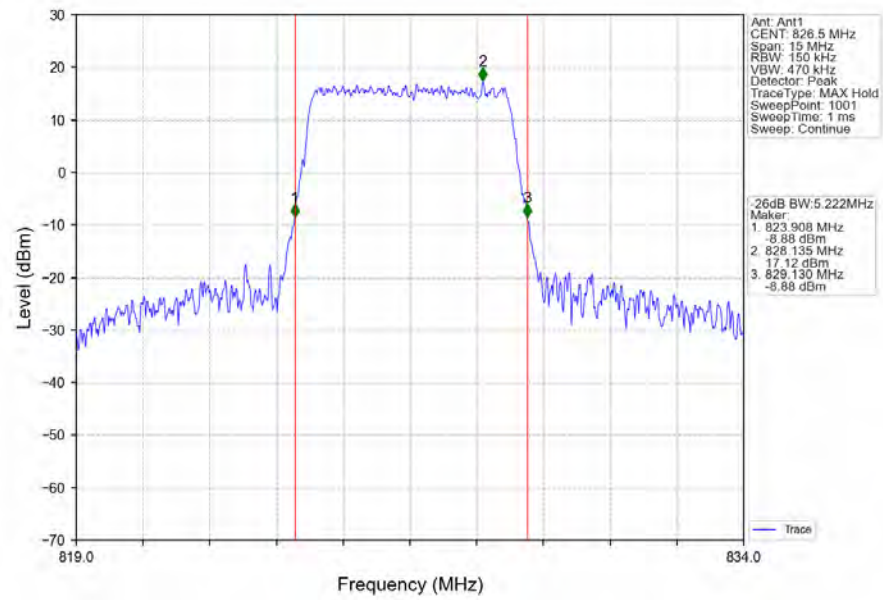
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



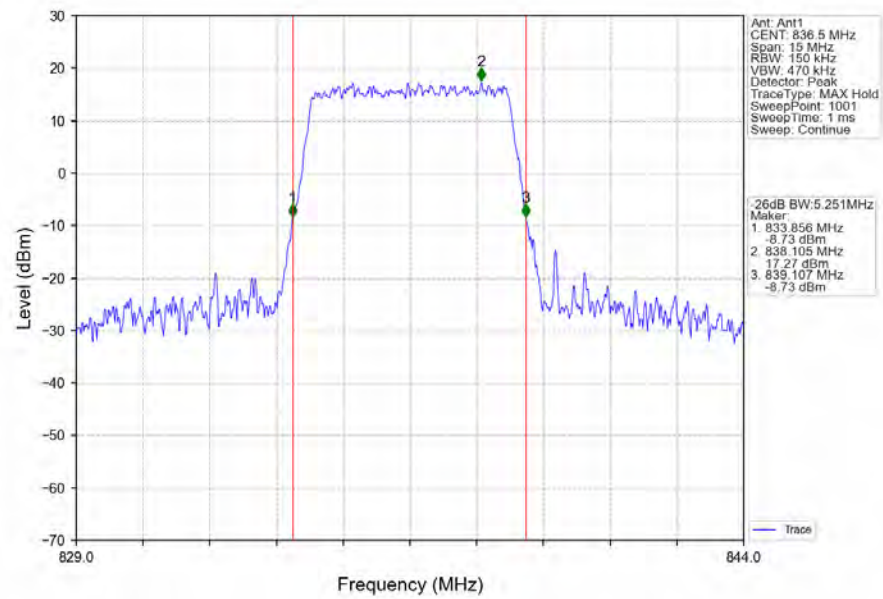
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



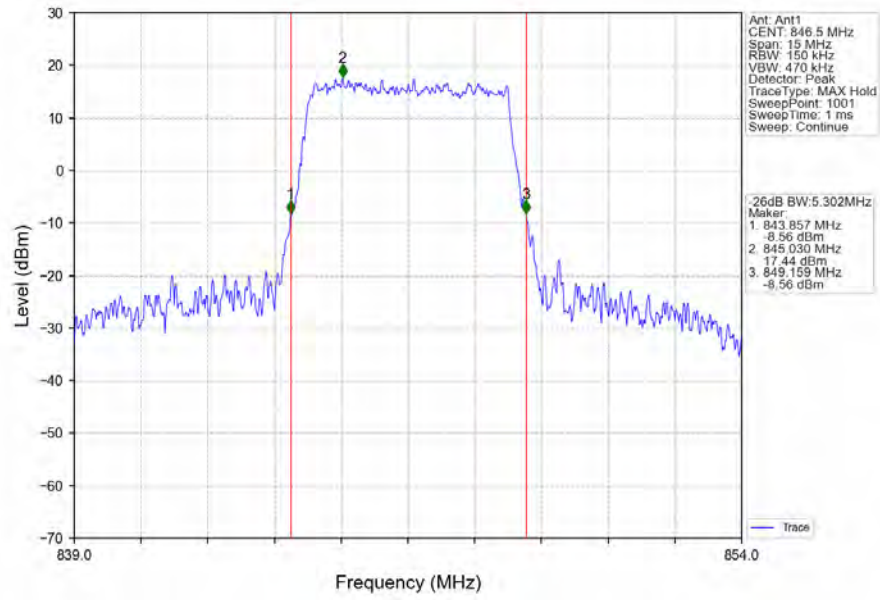
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



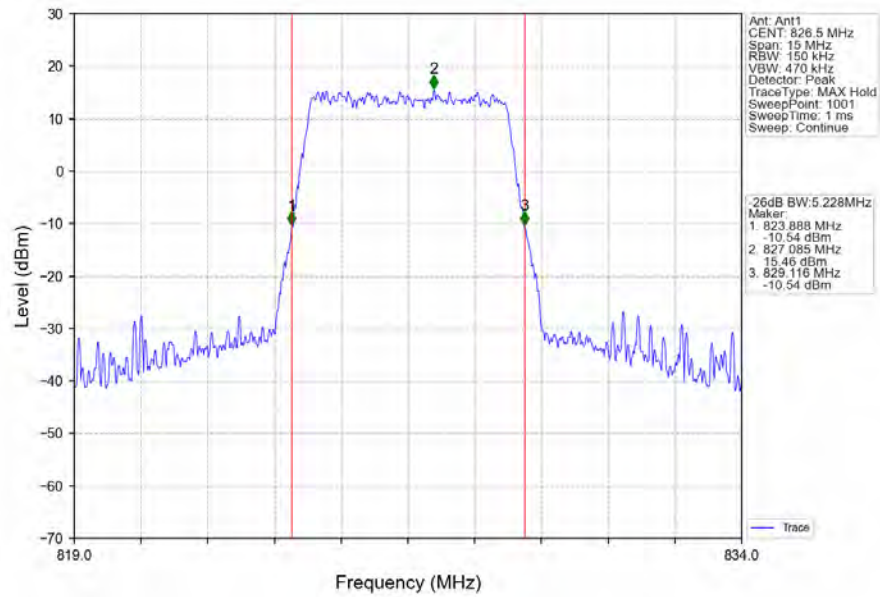
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



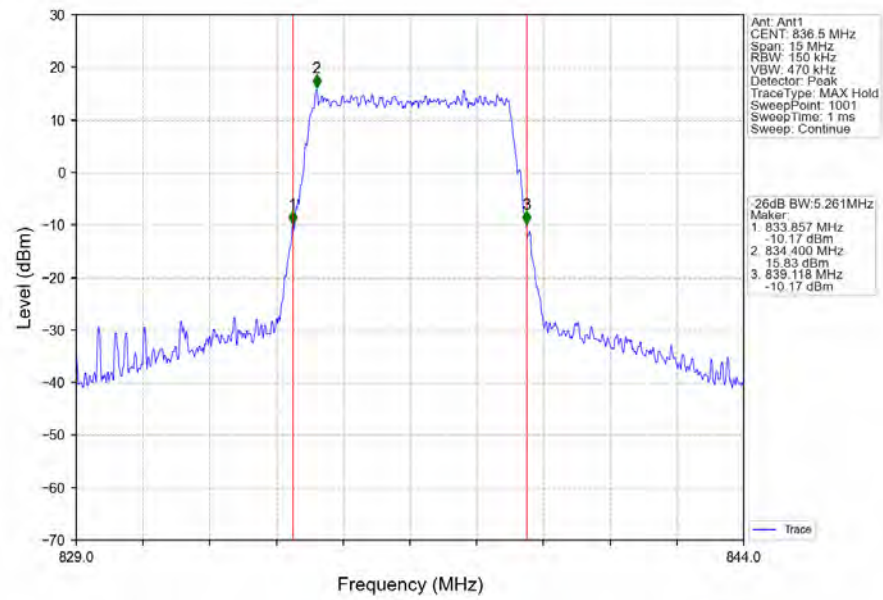
Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



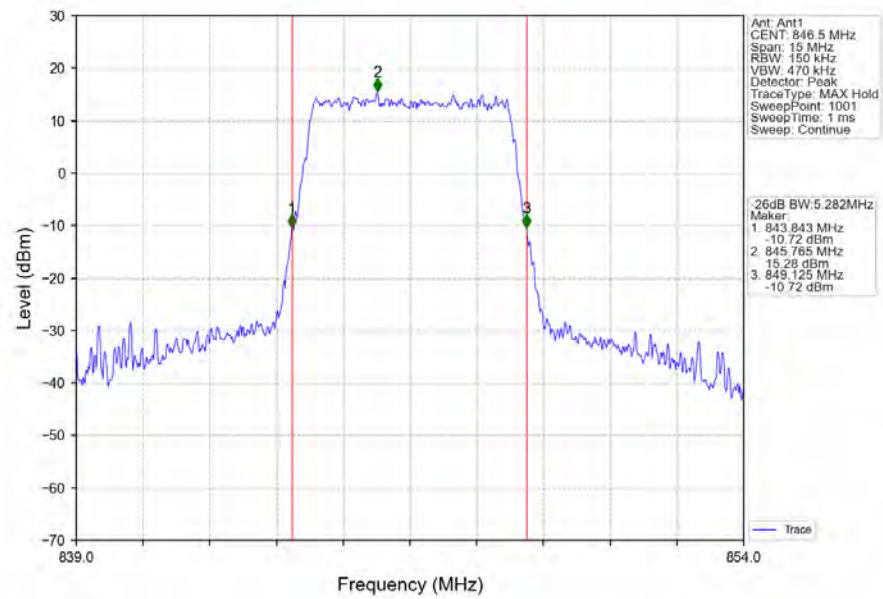
Band5_5MHz_256QAM_LCH_826.5MHz_RB_25_0_NTNV



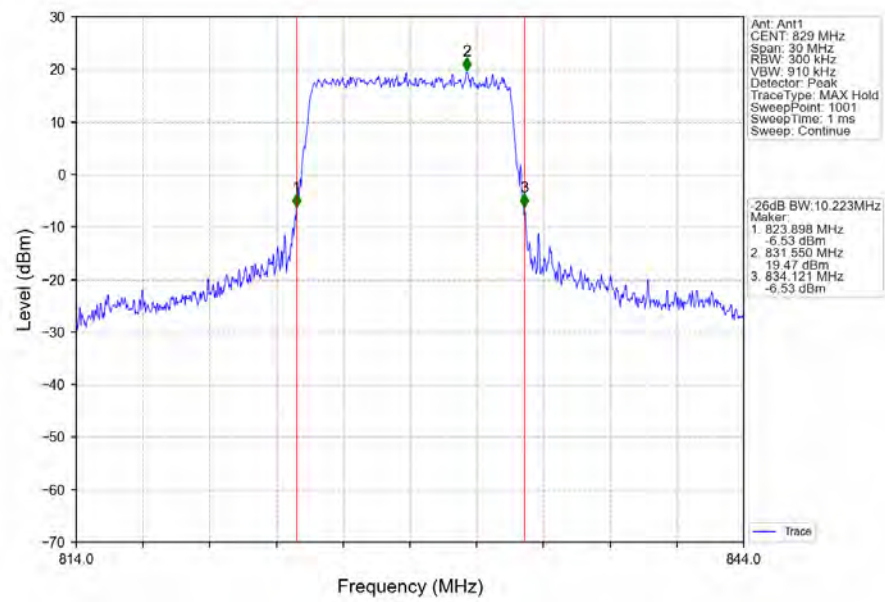
Band5_5MHz_256QAM_MCH_836.5MHz_RB_25_0_NTNV



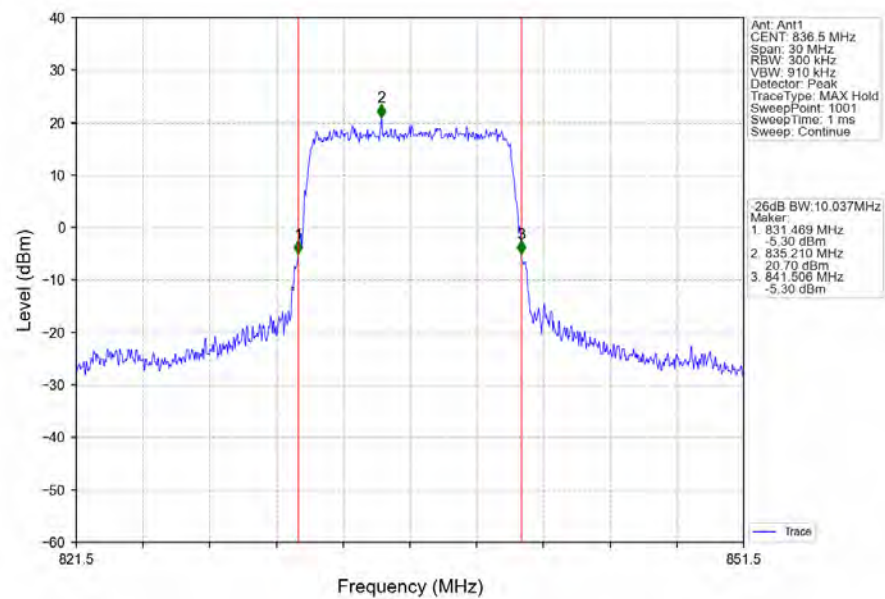
Band5_5MHz_256QAM_HCH_846.5MHz_RB_25_0_NTNV



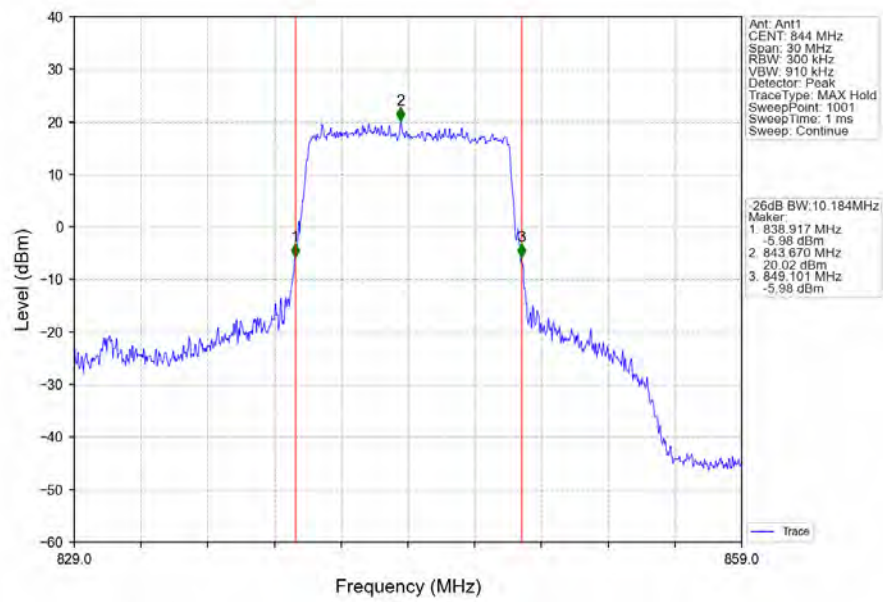
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



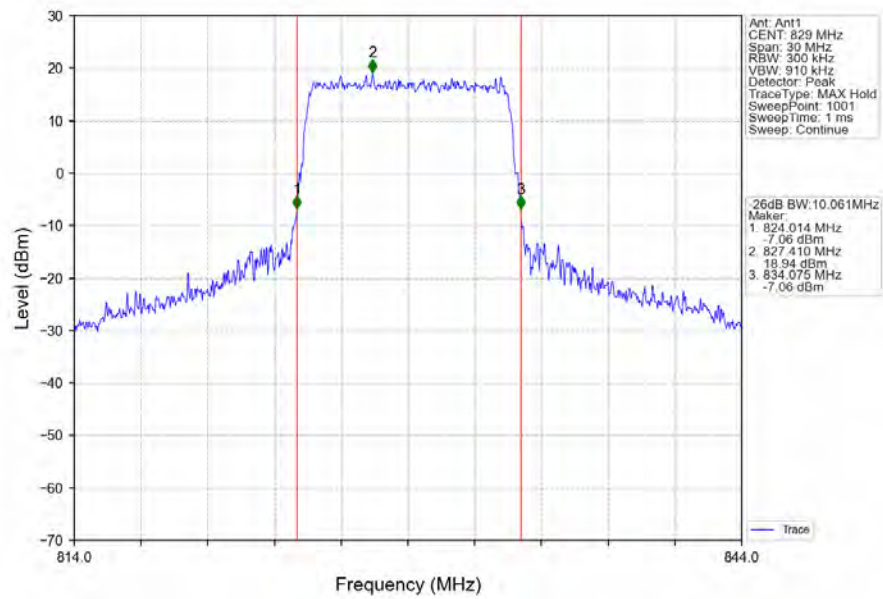
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



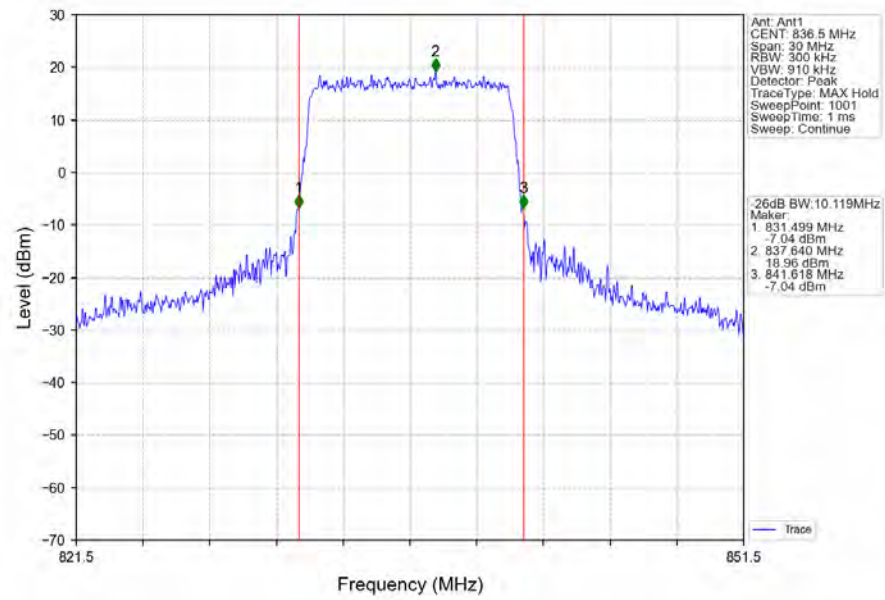
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



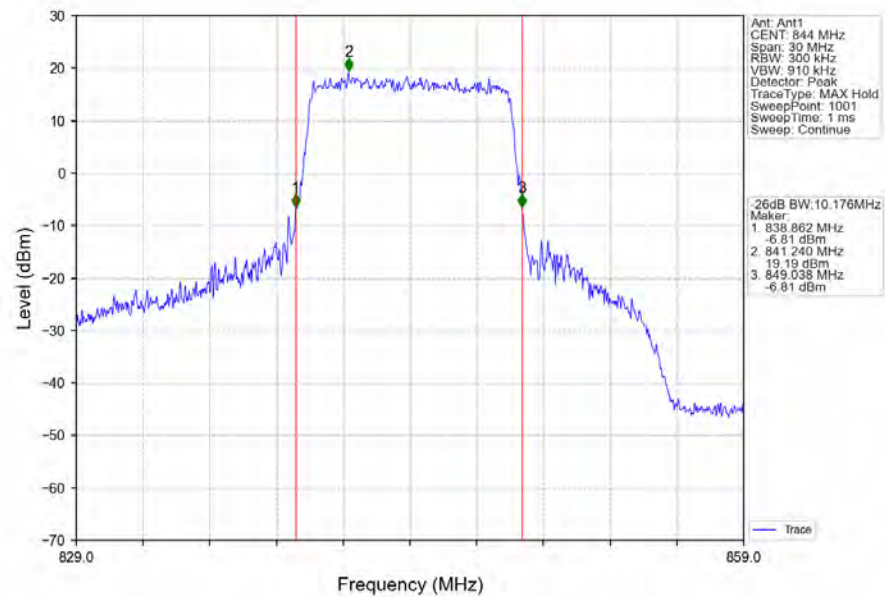
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



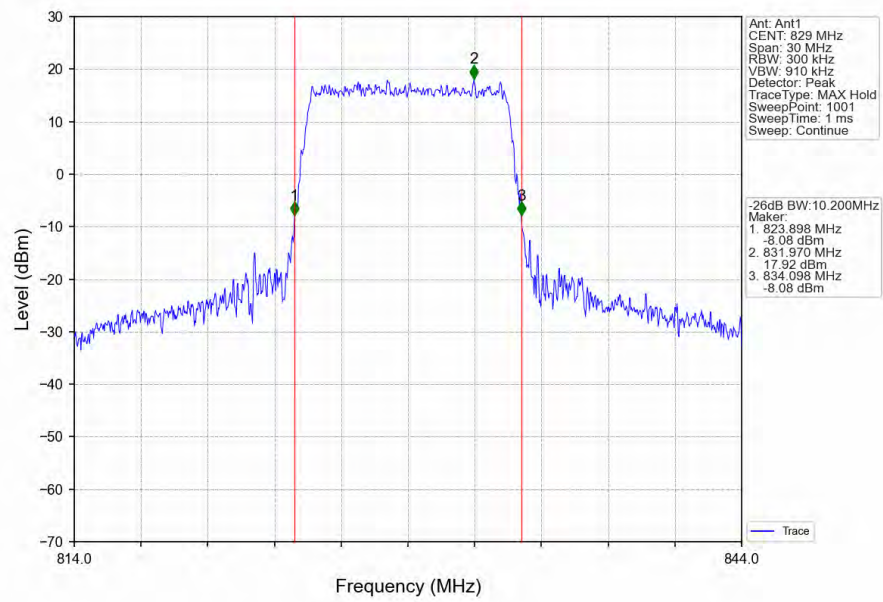
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



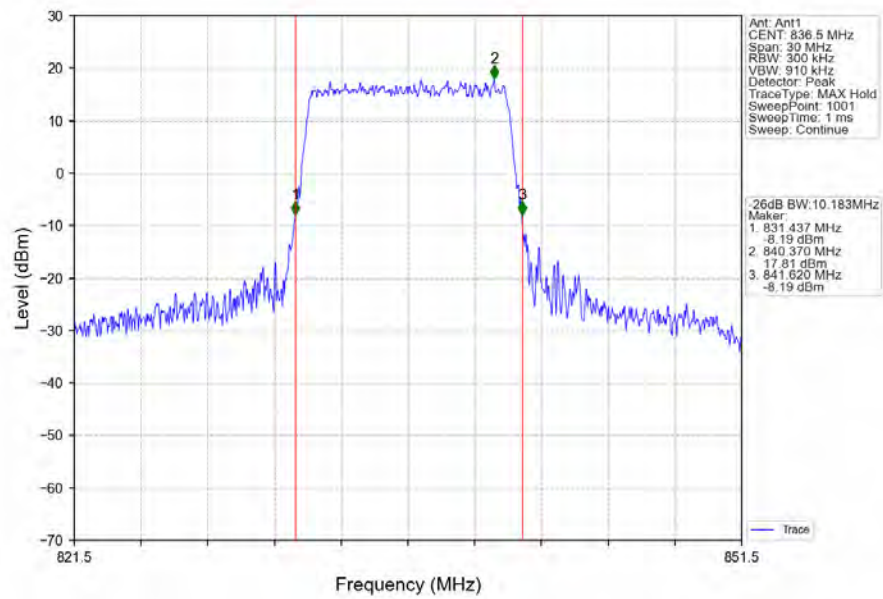
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



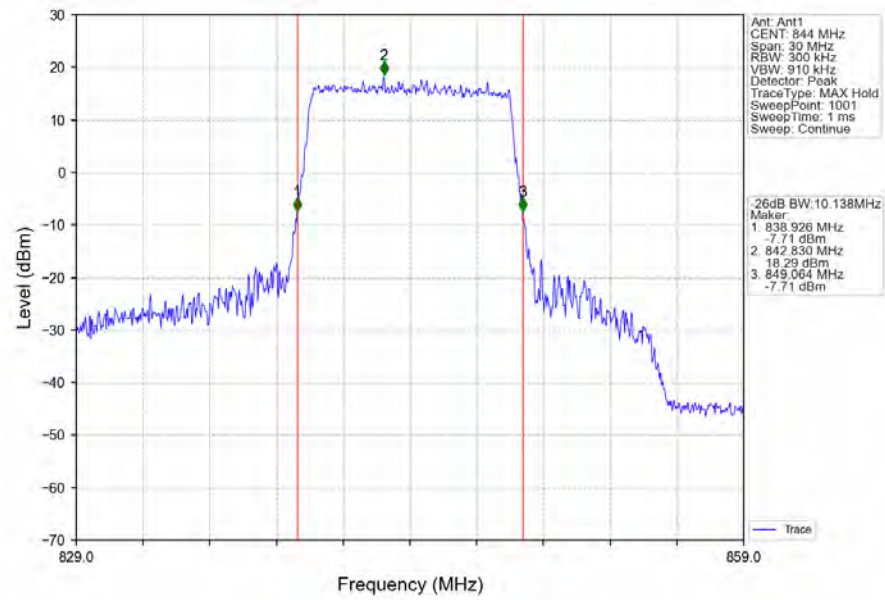
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



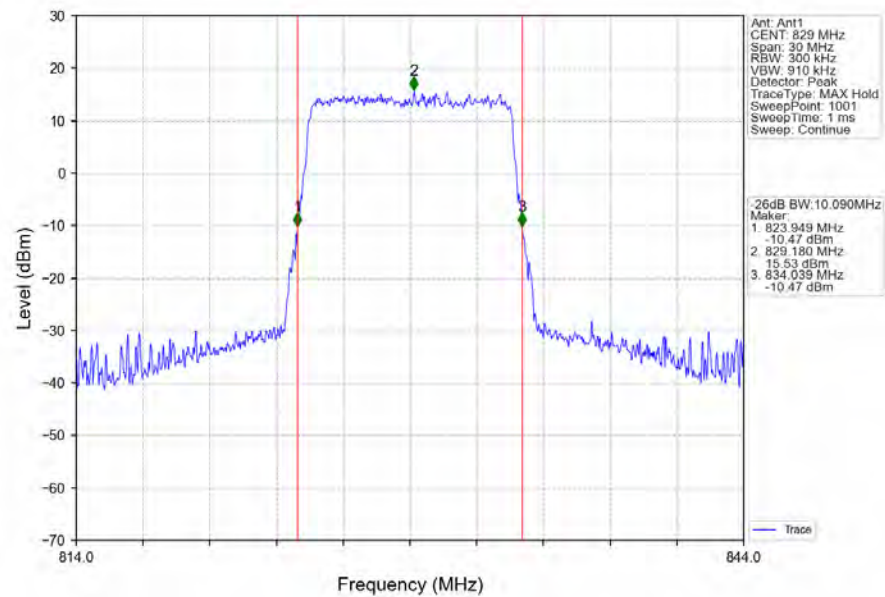
Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



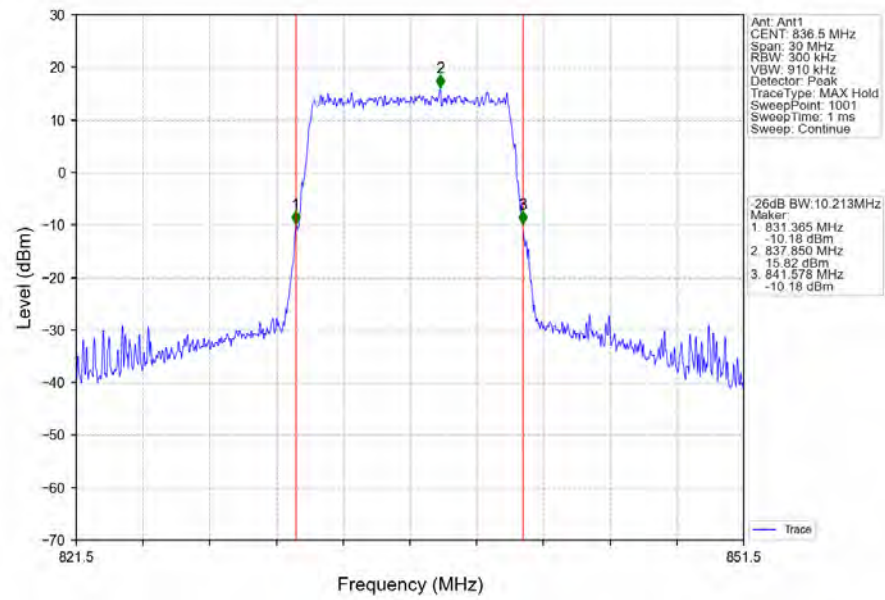
Band5 10MHz 64QAM HCH 844MHz RB 50_0 NTN



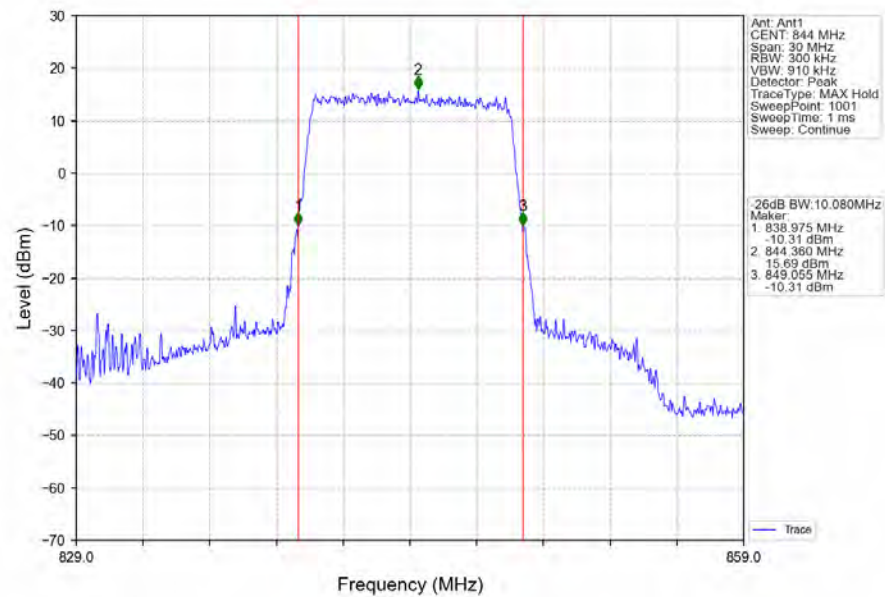
Band5_10MHz_256QAM_LCH_829MHz_RB_50_0 NTN



Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_HCH_844MHz_RB_50_0_NTNV



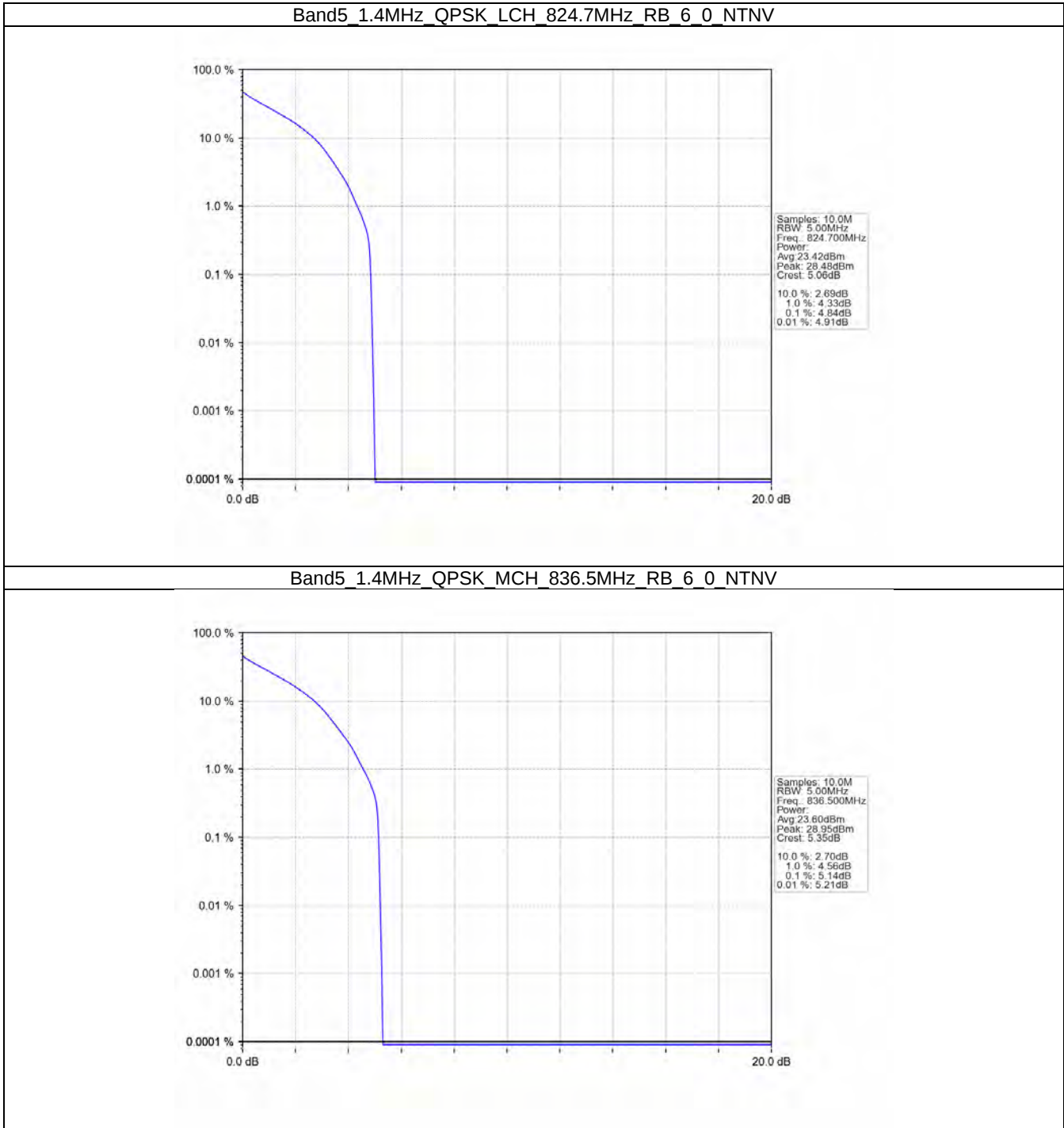
4. Peak-Average Ratio

4.1 B5_1.4MHz

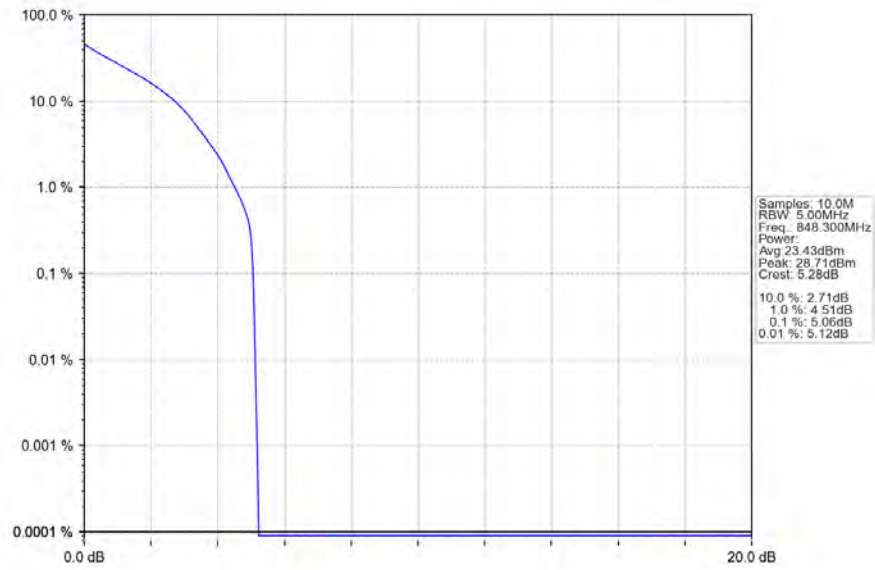
4.1.1 Test Result

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	4.84	<=13	Pass
	836.5	6	0	5.14	<=13	Pass
	848.3	6	0	5.06	<=13	Pass
16QAM	824.7	6	0	5.81	<=13	Pass
	836.5	6	0	6.10	<=13	Pass
	848.3	6	0	6.02	<=13	Pass
64QAM	824.7	6	0	6.44	<=13	Pass
	836.5	6	0	6.69	<=13	Pass
	848.3	6	0	9.36	<=13	Pass
256QAM	824.7	6	0	6.72	<=13	Pass
	836.5	6	0	7.15	<=13	Pass
	848.3	6	0	7.08	<=13	Pass

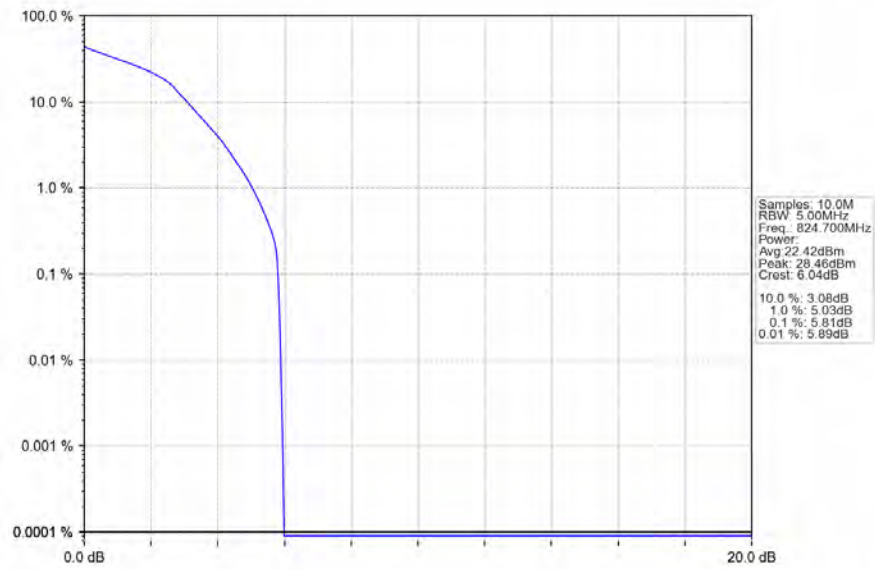
4.1.2 Test Graph



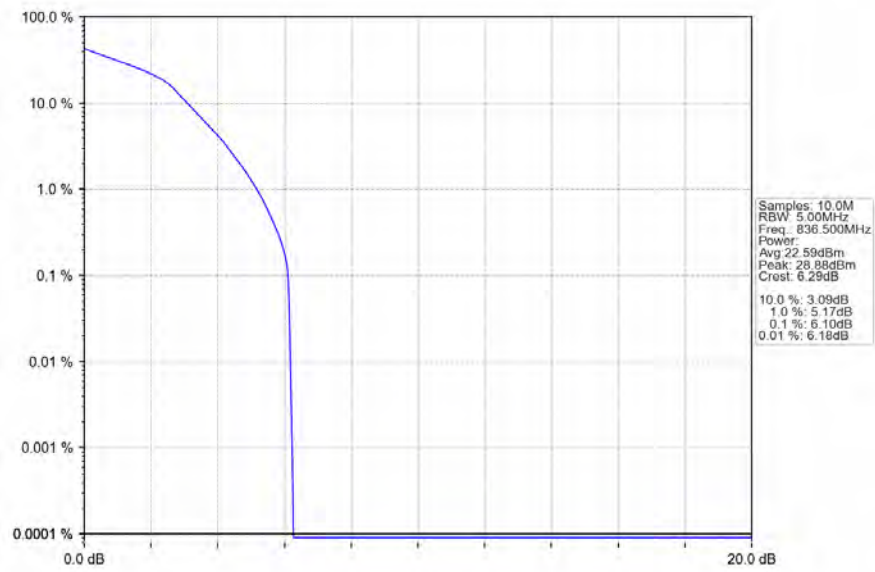
Band5 1.4MHz QPSK HCH 848.3MHz RB 6.0 NTNV



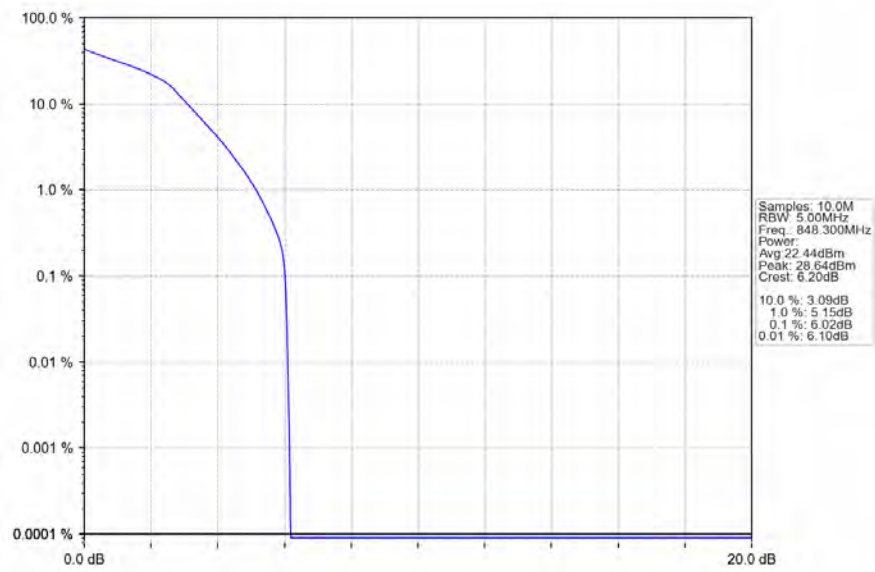
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6.0 NTNV



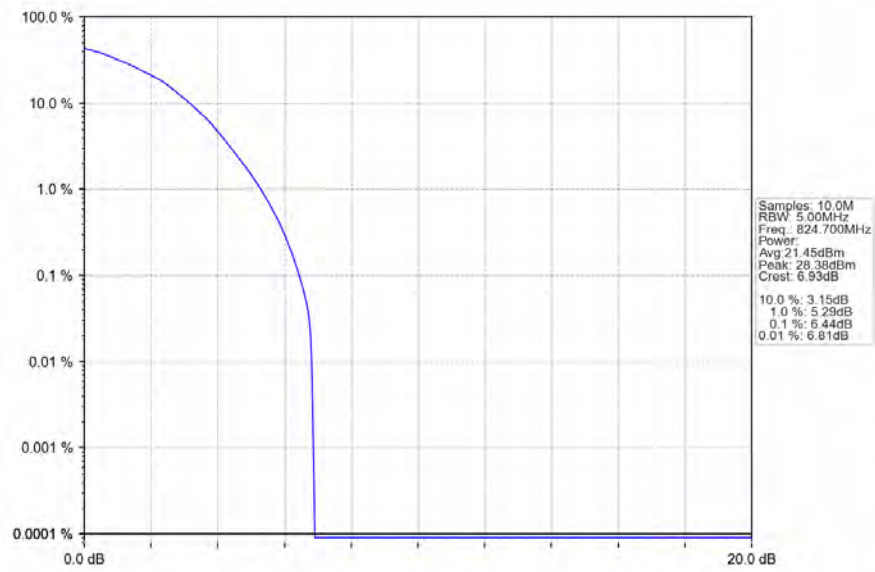
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



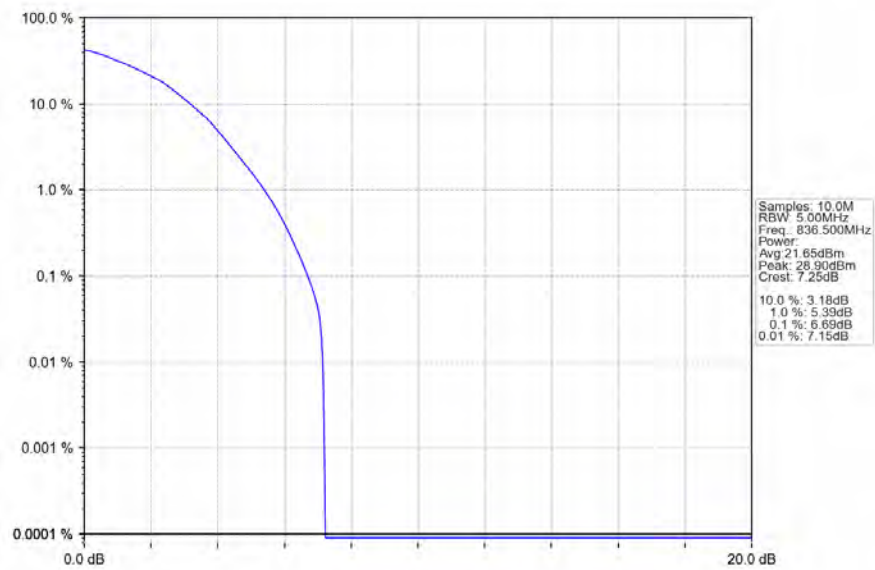
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



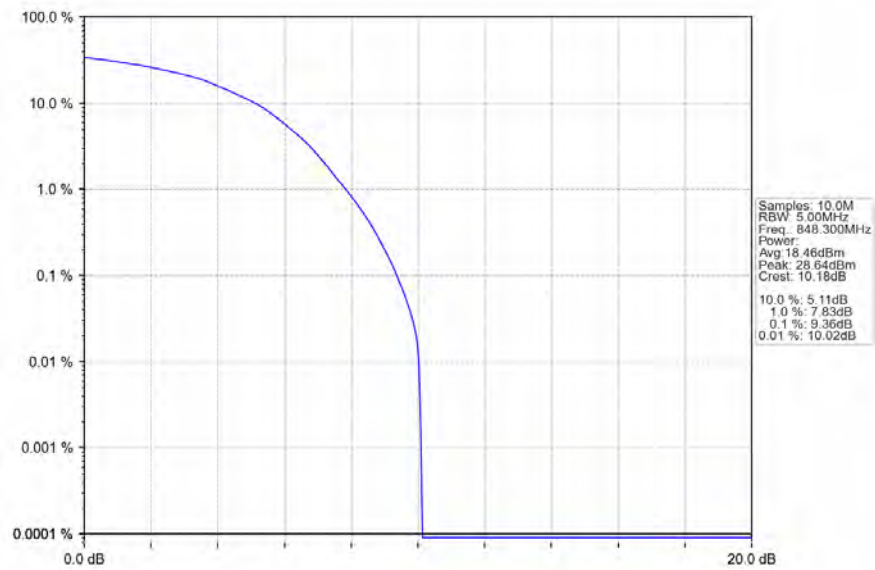
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



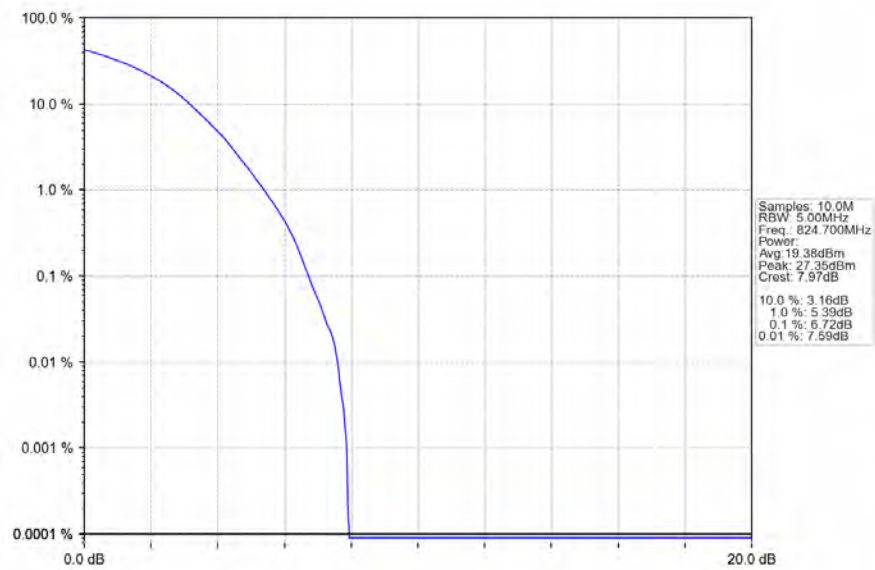
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



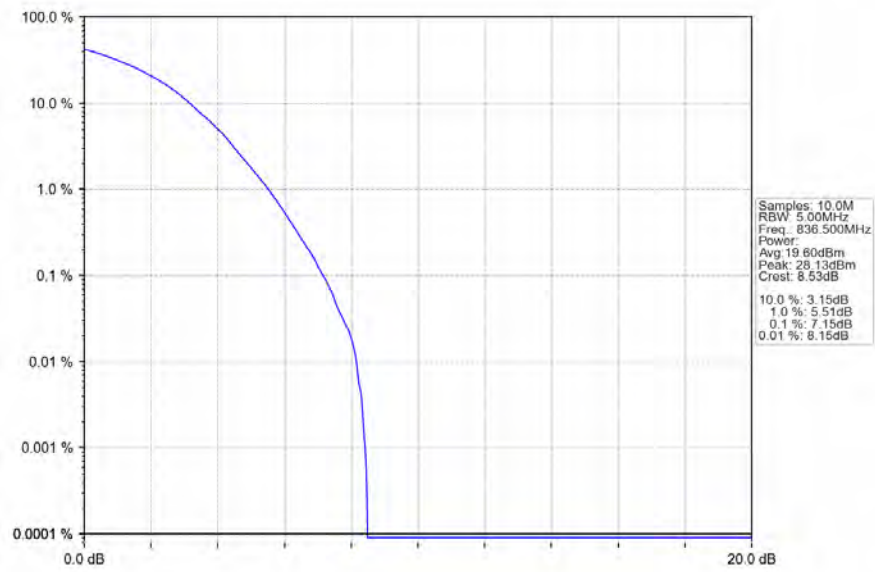
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



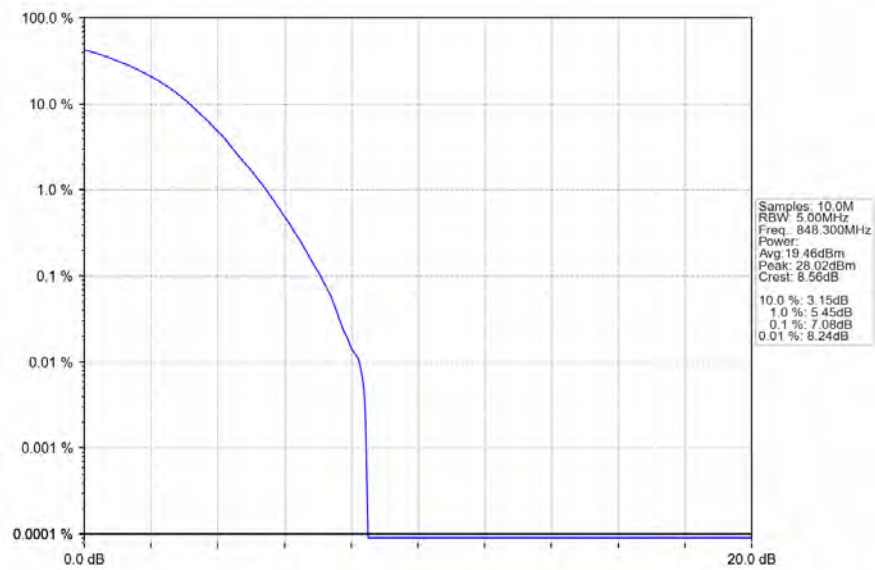
Band5_1.4MHz_256QAM_LCH_824.7MHz_RB_6_0_NTNV



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



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

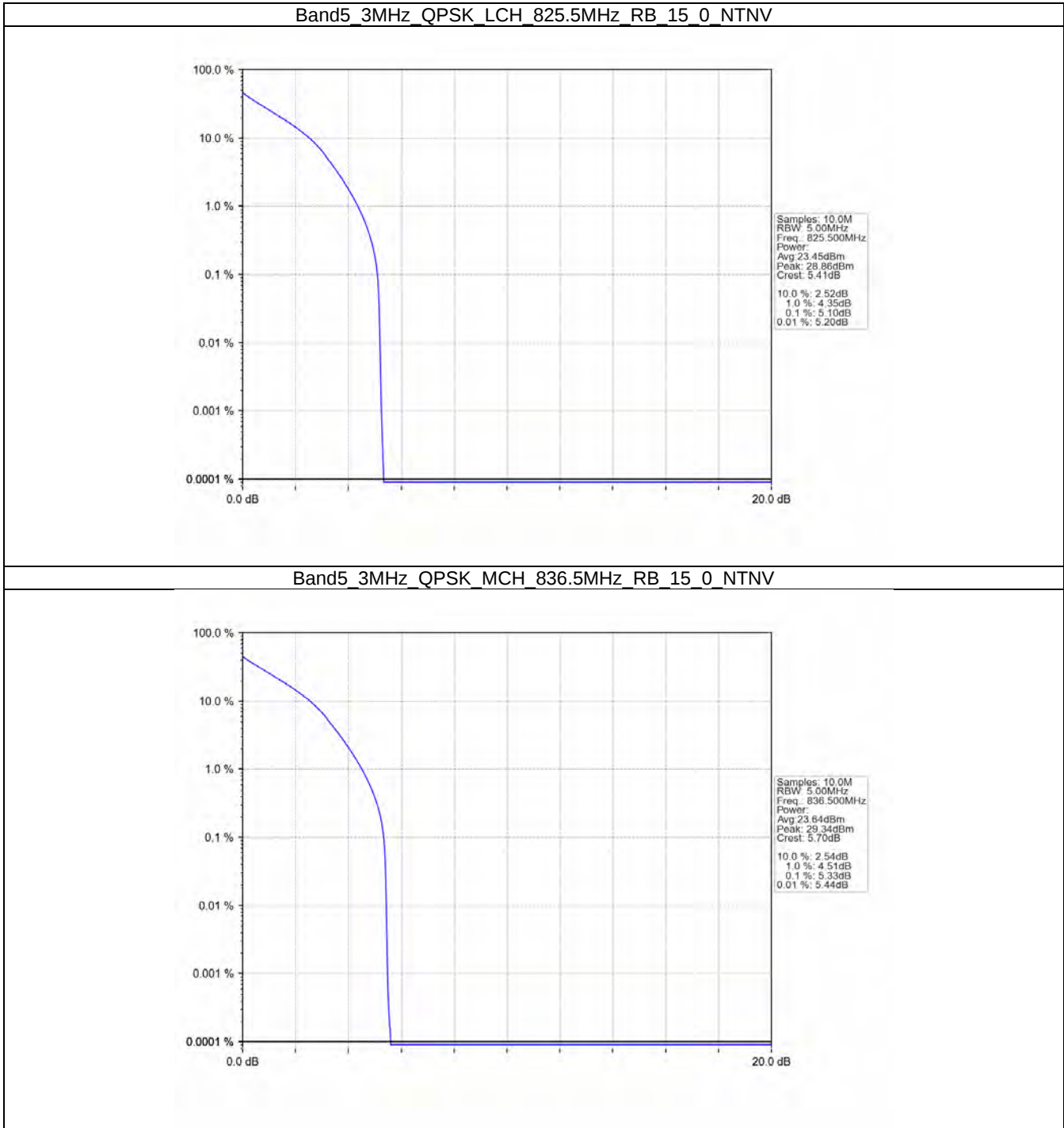


4.2 B5_3MHz

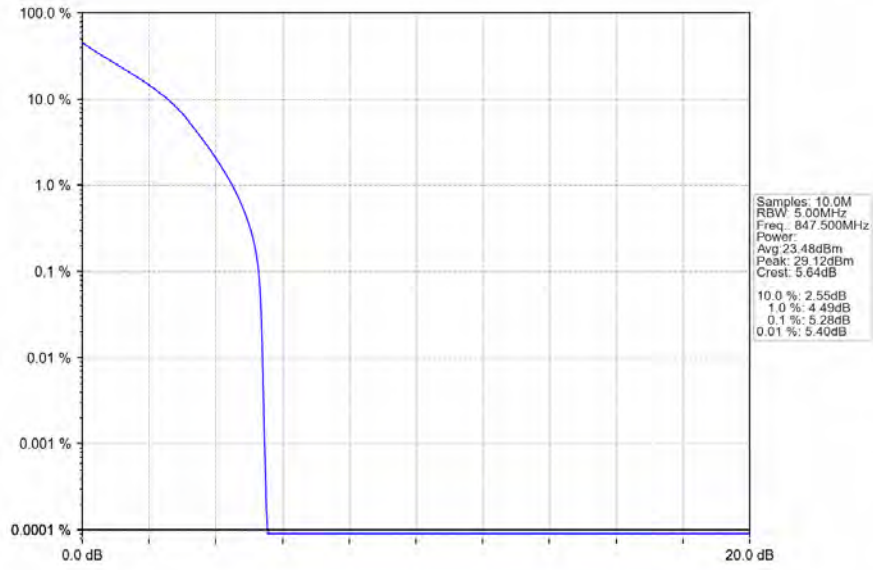
4.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.10	<=13	Pass
	836.5	15	0	5.33	<=13	Pass
	847.5	15	0	5.28	<=13	Pass
16QAM	825.5	15	0	5.99	<=13	Pass
	836.5	15	0	6.26	<=13	Pass
	847.5	15	0	6.18	<=13	Pass
64QAM	825.5	15	0	6.51	<=13	Pass
	836.5	15	0	6.71	<=13	Pass
	847.5	15	0	6.68	<=13	Pass
256QAM	825.5	15	0	6.86	<=13	Pass
	836.5	15	0	6.94	<=13	Pass
	847.5	15	0	6.94	<=13	Pass

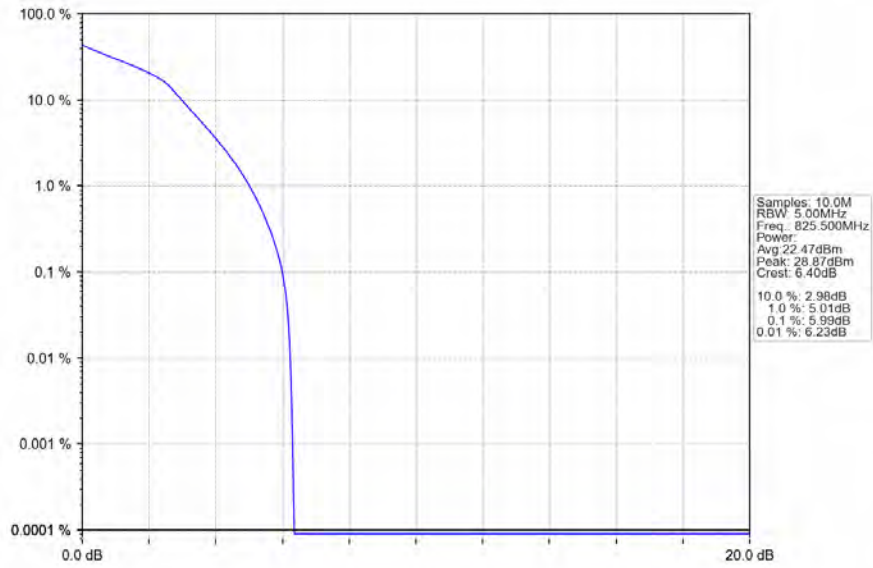
4.2.2 Test Graph



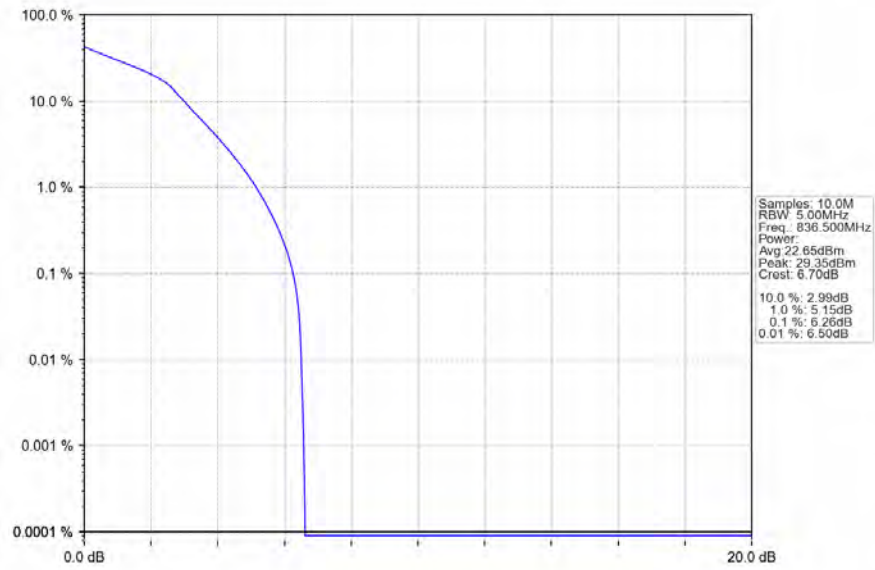
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



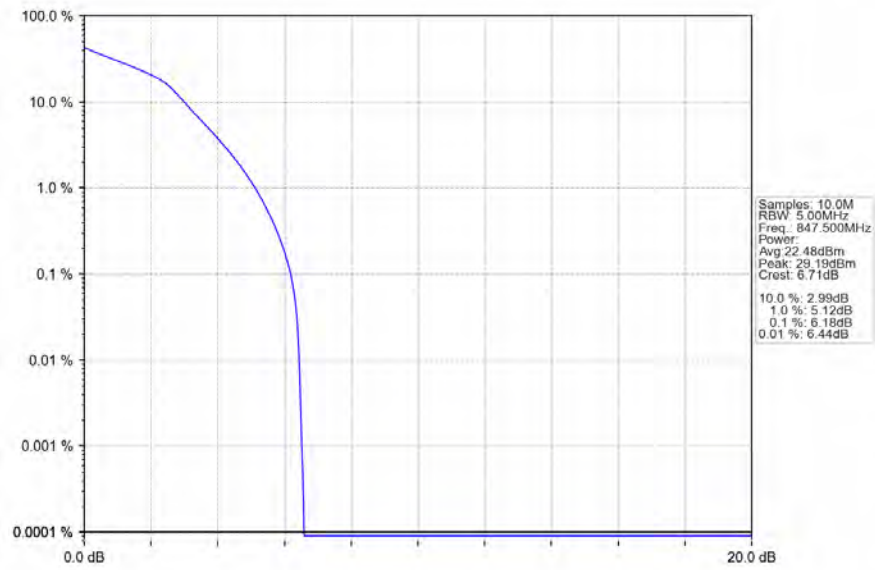
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



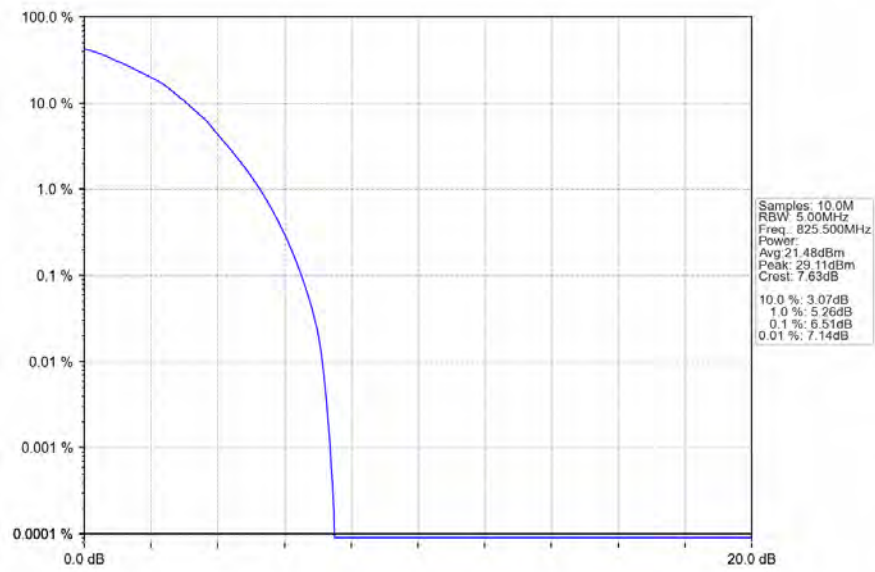
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



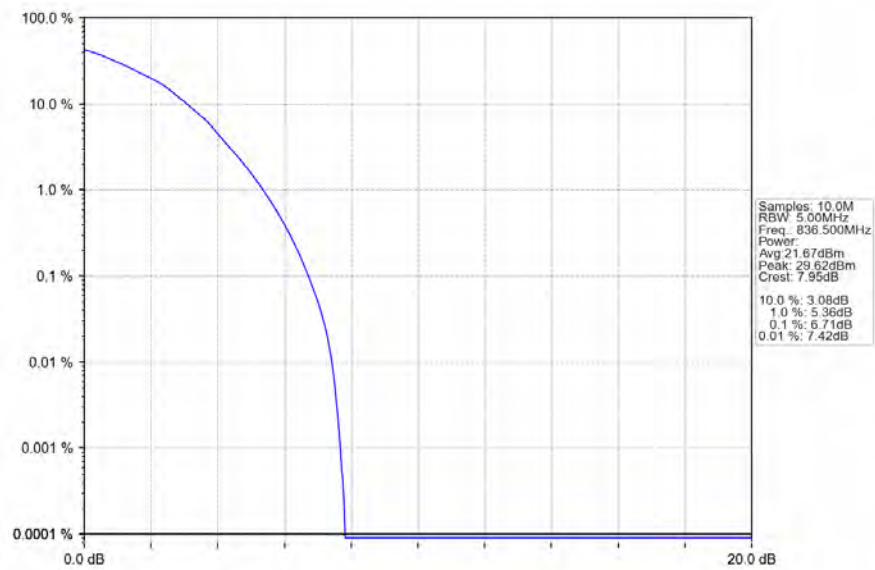
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



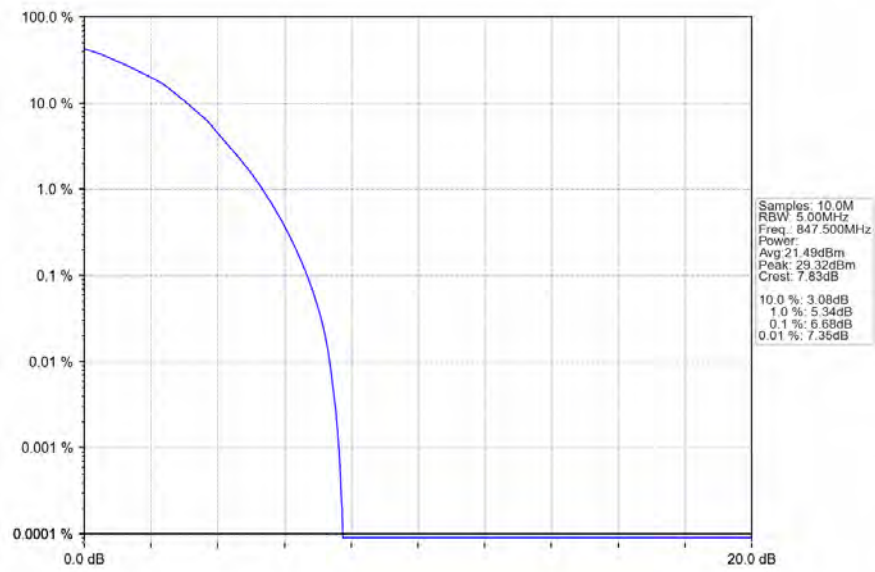
Band5 3MHz 64QAM LCH 825.5MHz RB 15 0 NTN



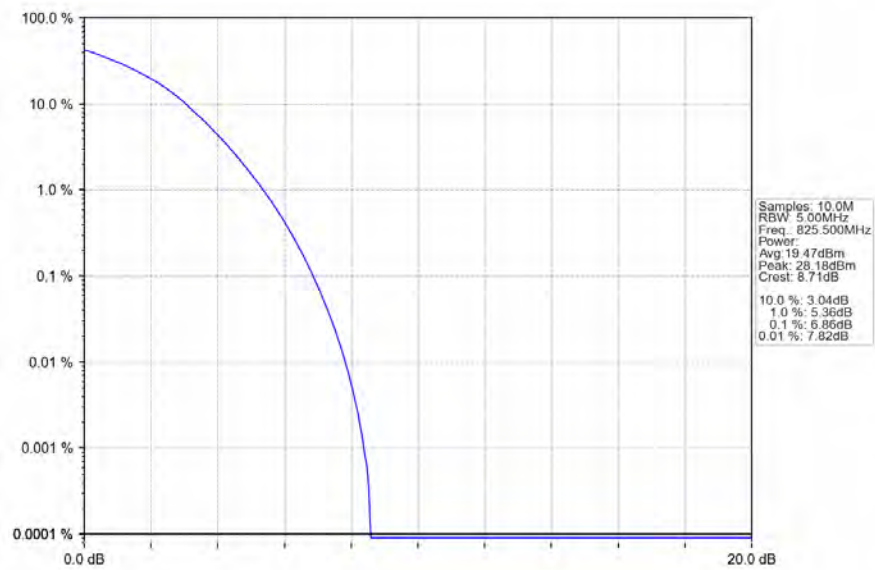
Band5 3MHz 64QAM MCH 836.5MHz RB 15 0 NTN



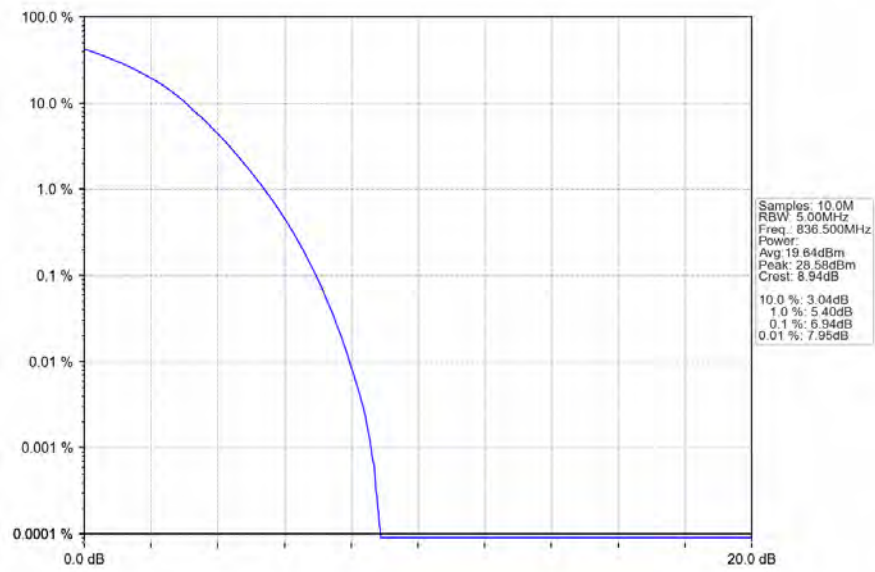
Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



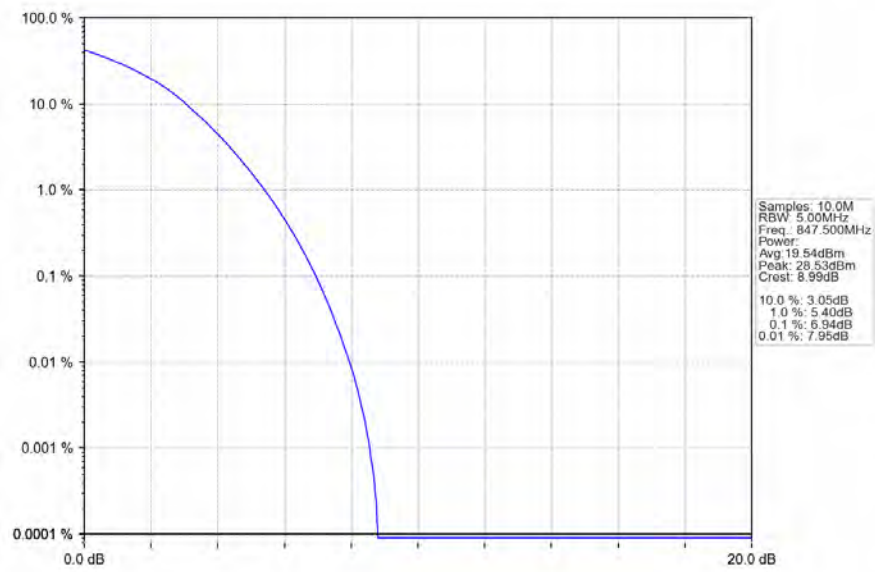
Band5_3MHz_256QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_256QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_256QAM_HCH_847.5MHz_RB_15_0_NTNV

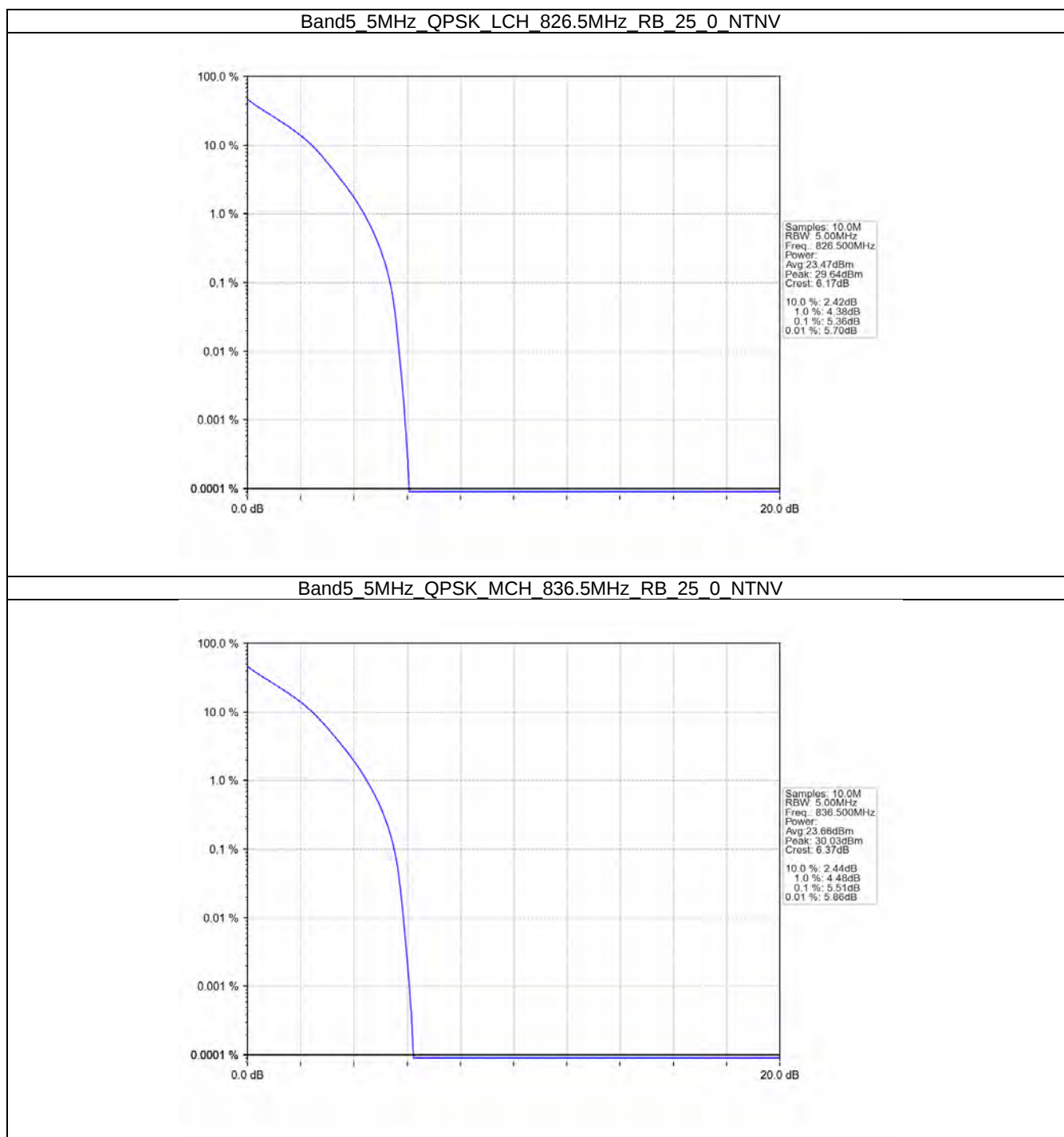


4.3 B5_5MHz

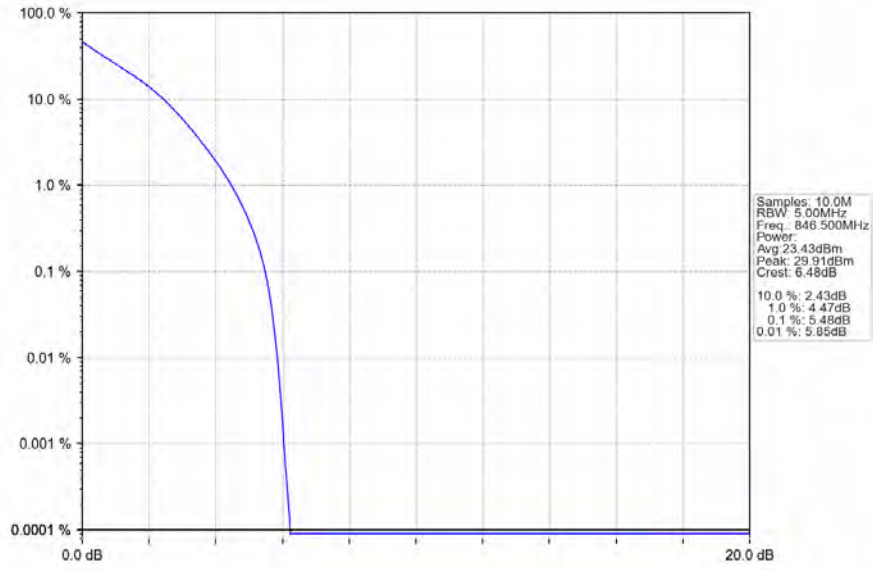
4.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.36	<=13	Pass
	836.5	25	0	5.51	<=13	Pass
	846.5	25	0	5.48	<=13	Pass
16QAM	826.5	25	0	6.17	<=13	Pass
	836.5	25	0	6.34	<=13	Pass
	846.5	25	0	6.31	<=13	Pass
64QAM	826.5	25	0	9.87	<=13	Pass
	836.5	25	0	10.24	<=13	Pass
	846.5	25	0	10.11	<=13	Pass
256QAM	826.5	25	0	6.80	<=13	Pass
	836.5	25	0	6.84	<=13	Pass
	846.5	25	0	6.84	<=13	Pass

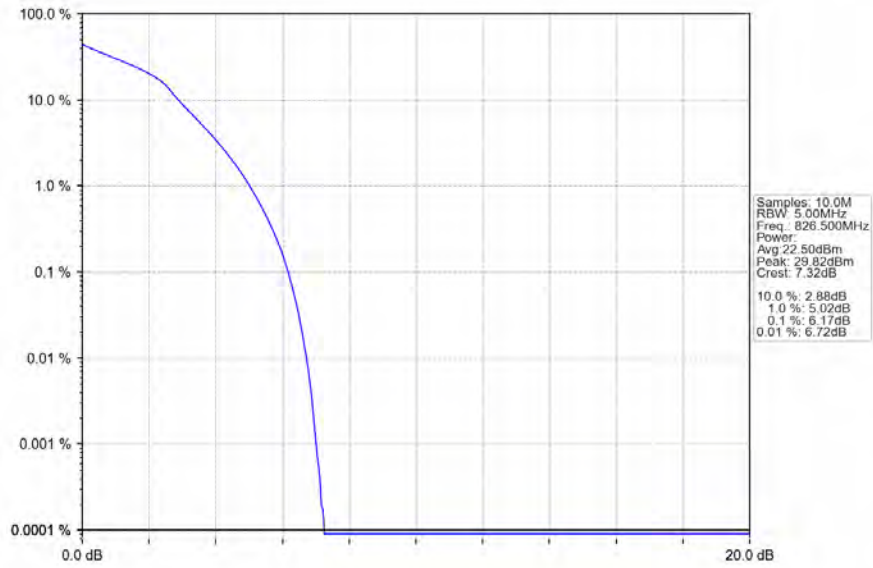
4.3.2 Test Graph



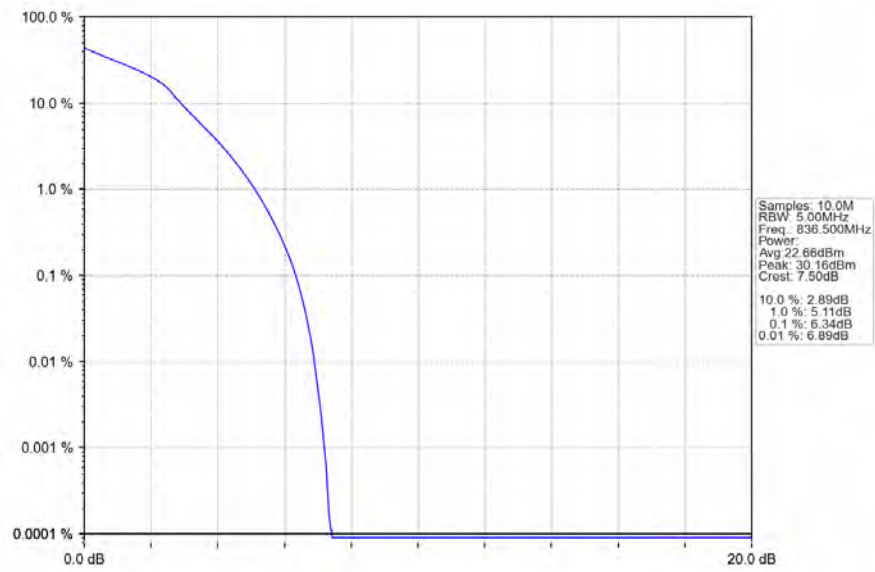
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



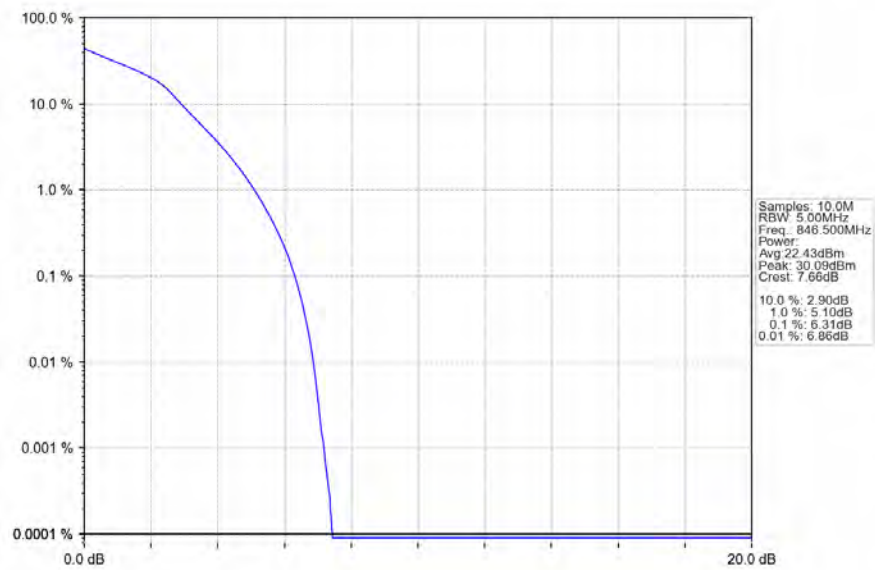
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



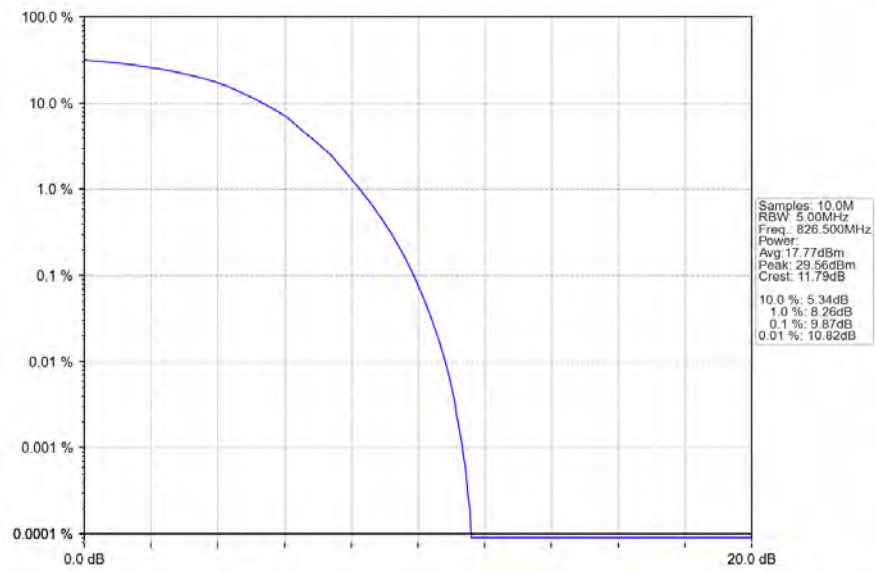
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



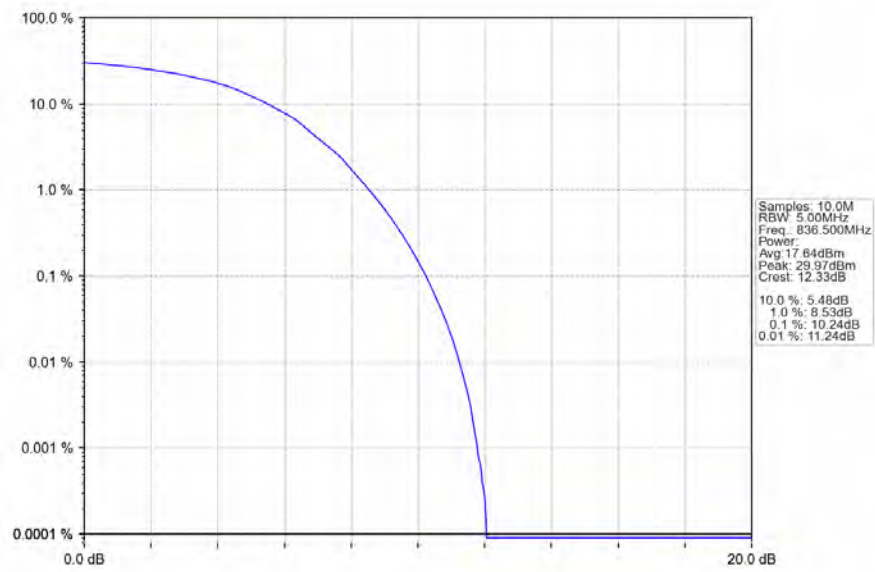
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



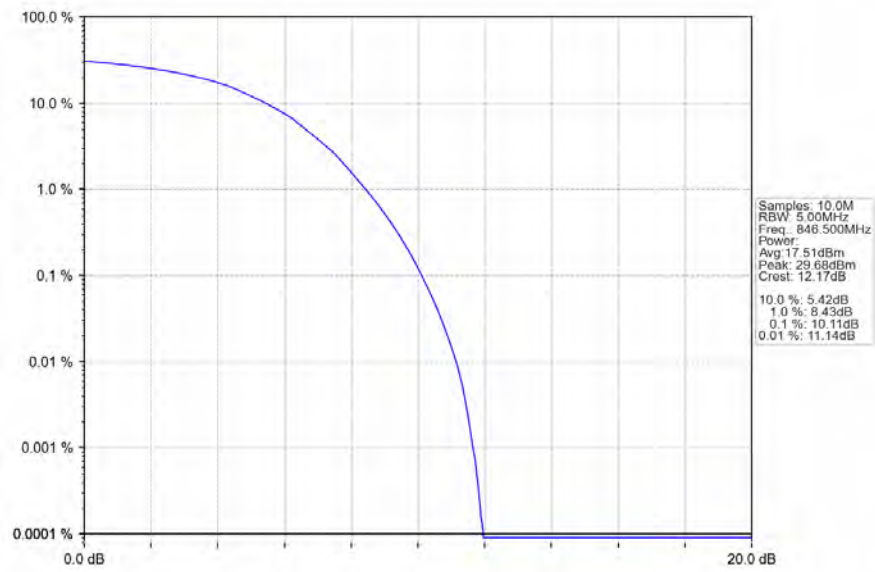
Band5 5MHz 64QAM LCH 826.5MHz RB 25 0 NTNV



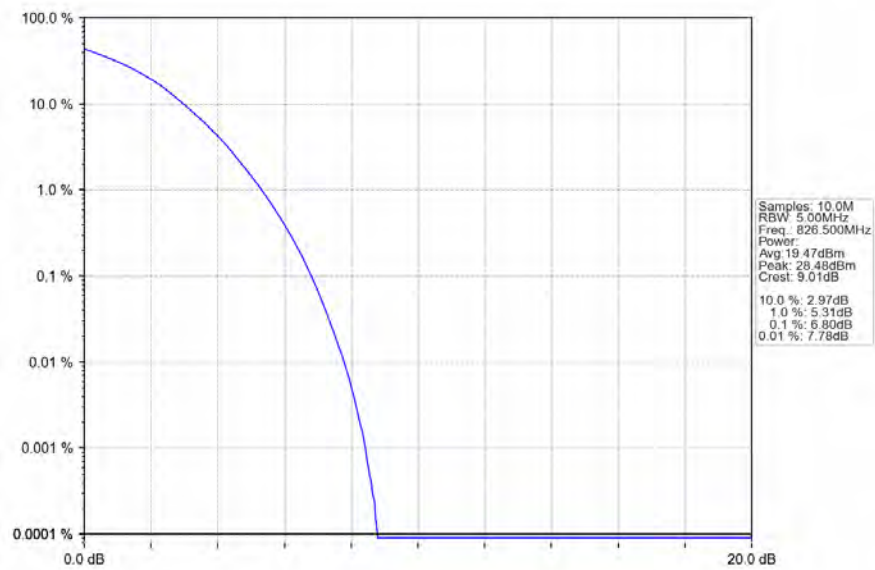
Band5 5MHz 64QAM MCH 836.5MHz RB 25 0 NTNV



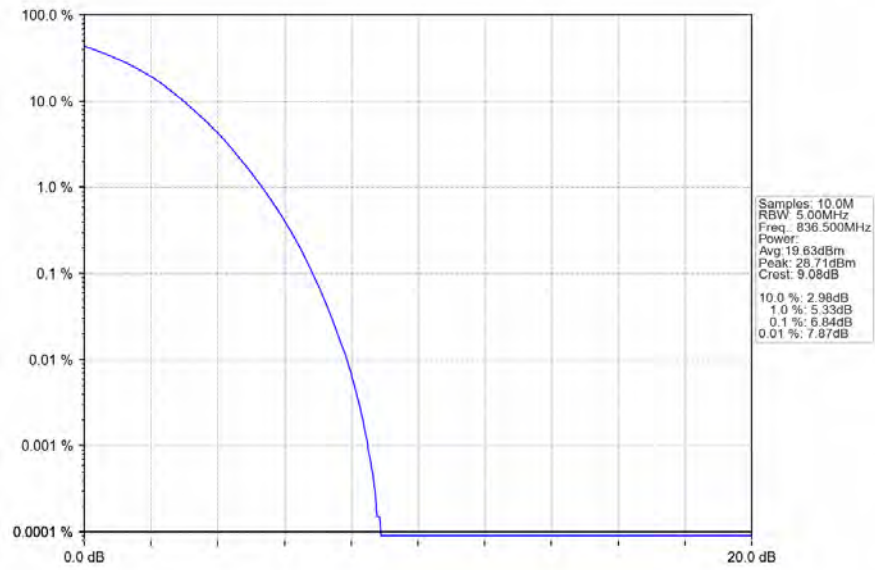
Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



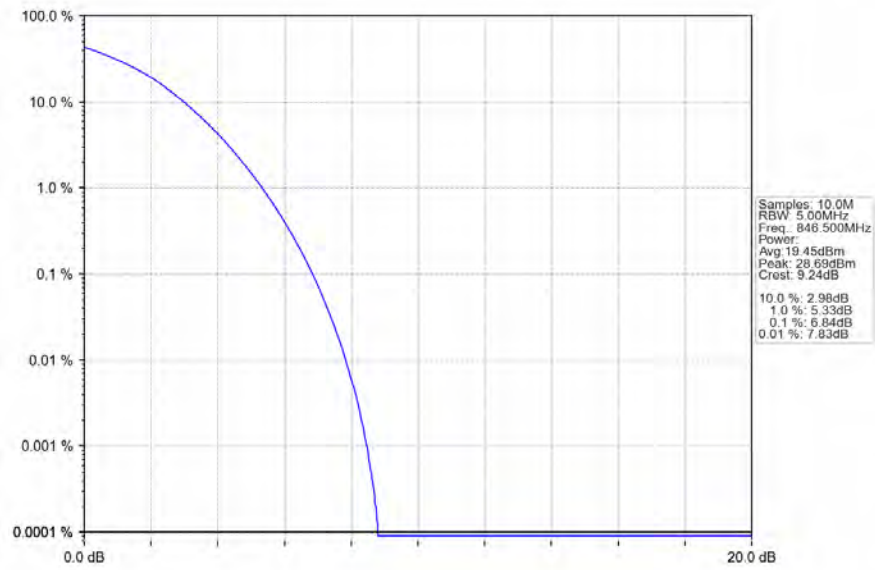
Band5_5MHz_256QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_256QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_256QAM_HCH_846.5MHz_RB_25_0_NTNV

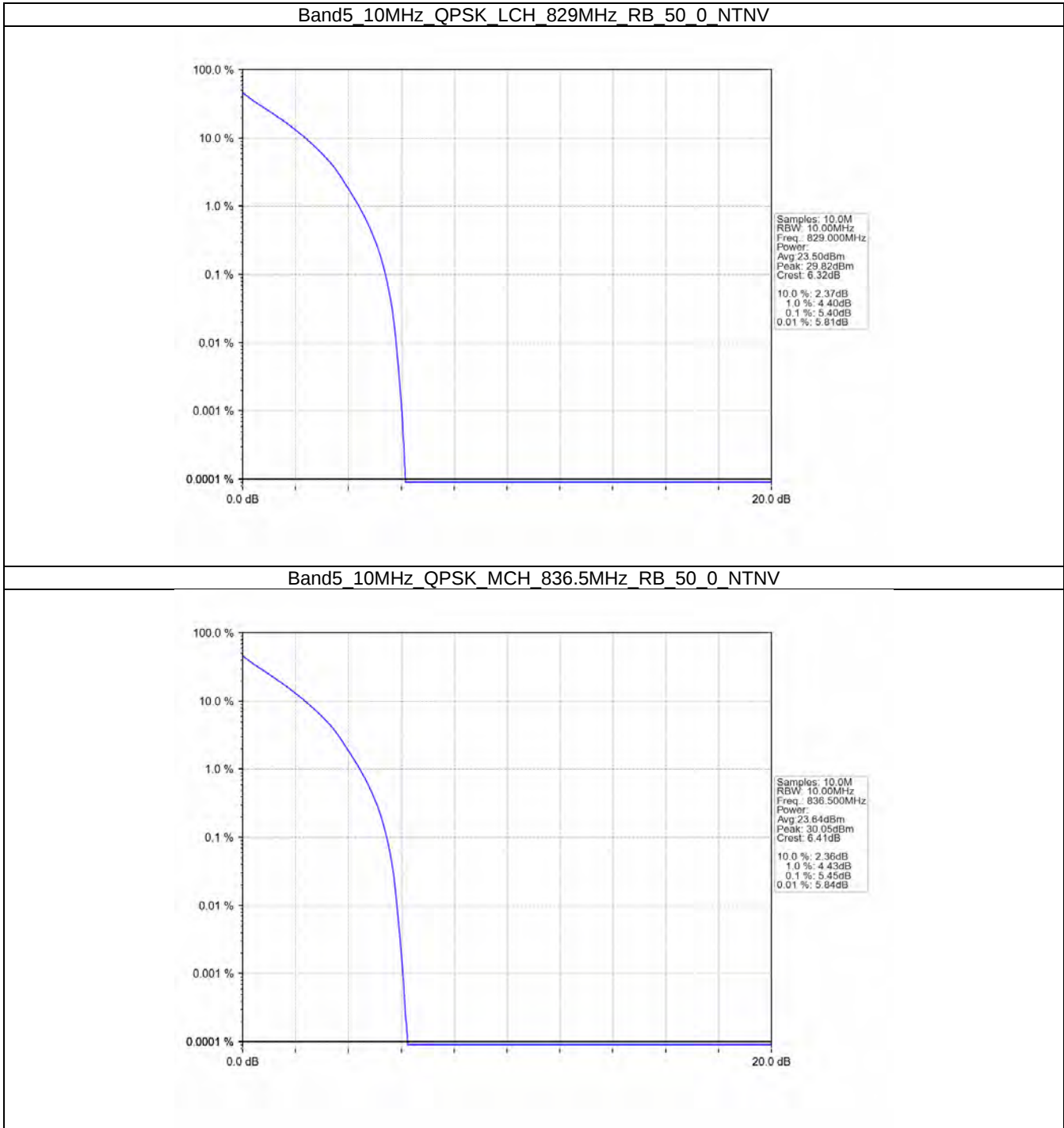


4.4 B5_10MHz

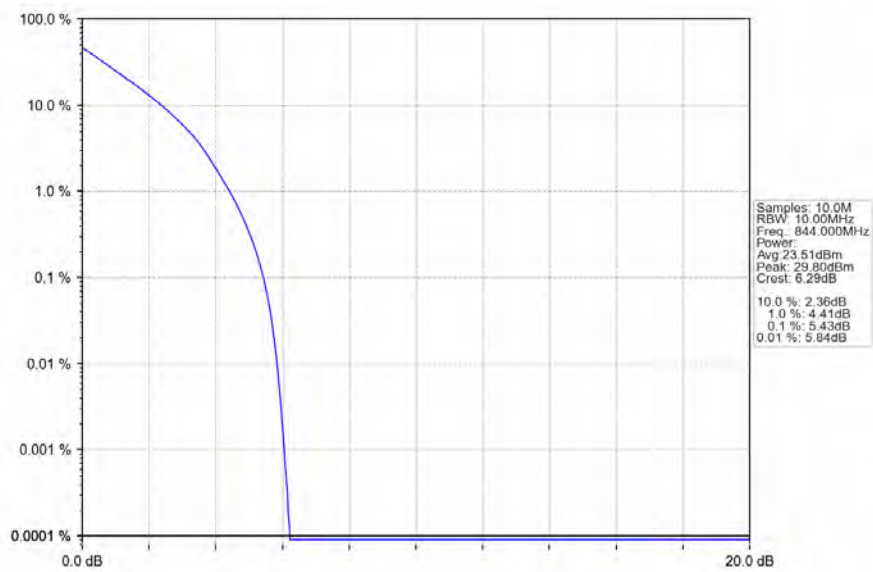
4.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.40	<=13	Pass
	836.5	50	0	5.45	<=13	Pass
	844	50	0	5.43	<=13	Pass
16QAM	829	50	0	6.21	<=13	Pass
	836.5	50	0	6.28	<=13	Pass
	844	50	0	6.24	<=13	Pass
64QAM	829	50	0	7.86	<=13	Pass
	836.5	50	0	7.87	<=13	Pass
	844	50	0	7.73	<=13	Pass
256QAM	829	50	0	6.78	<=13	Pass
	836.5	50	0	6.80	<=13	Pass
	844	50	0	6.79	<=13	Pass

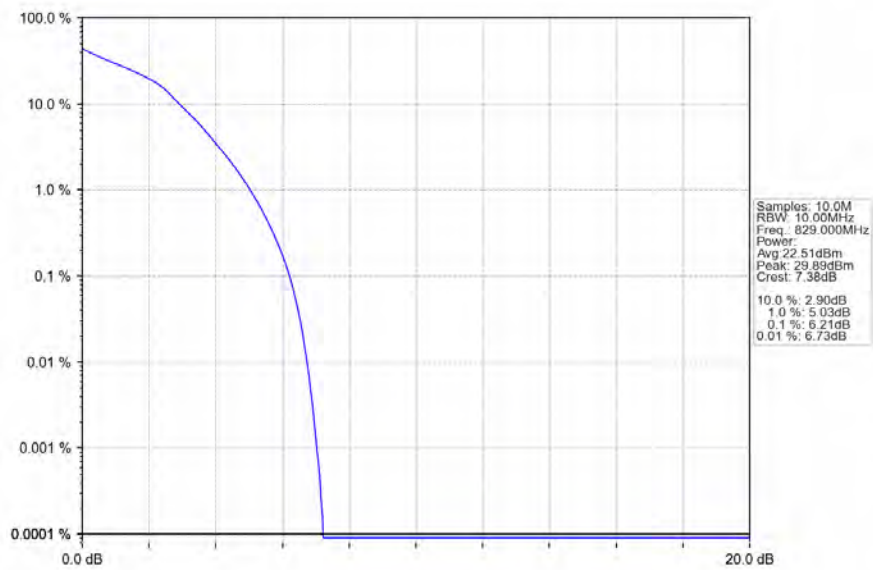
4.4.2 Test Graph



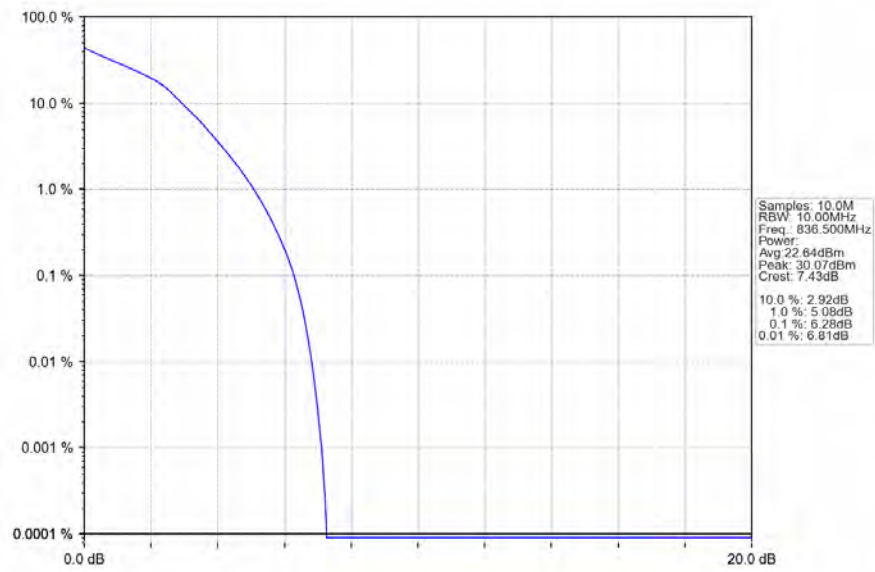
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



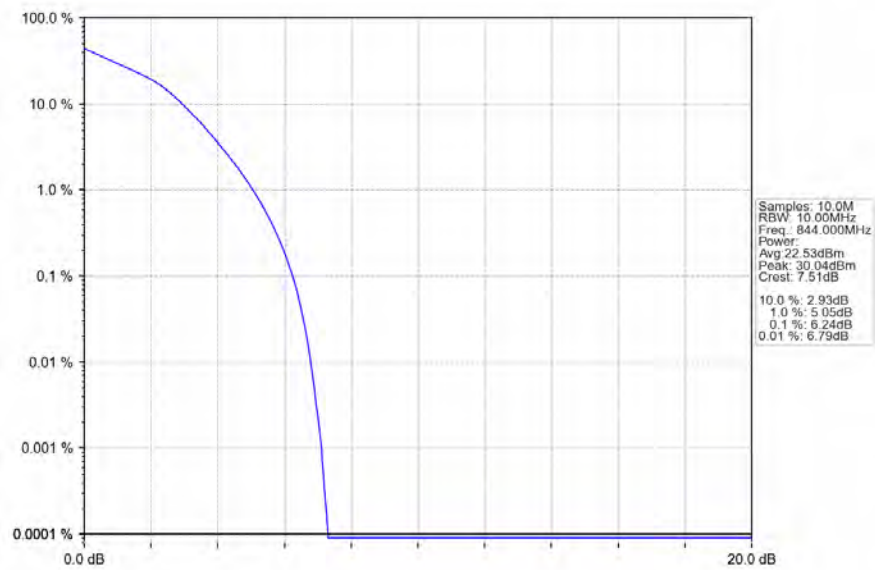
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



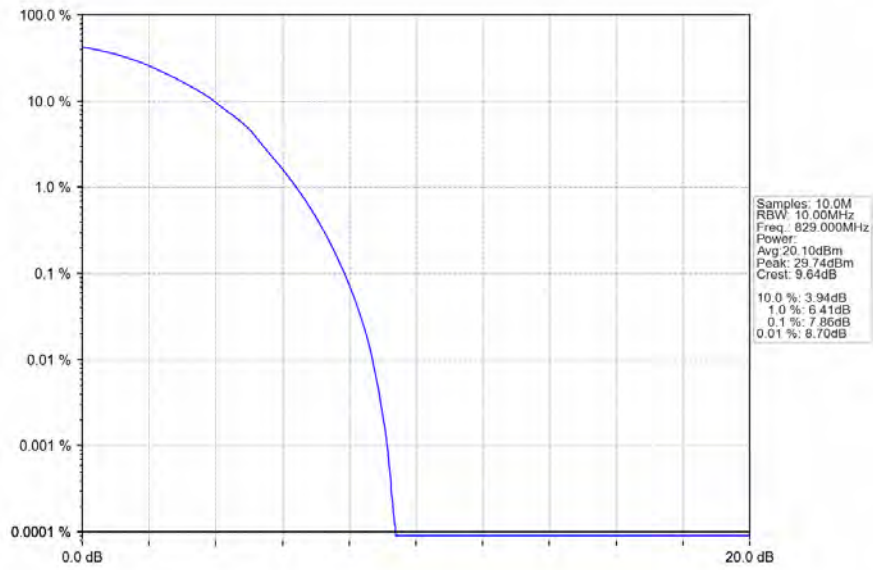
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



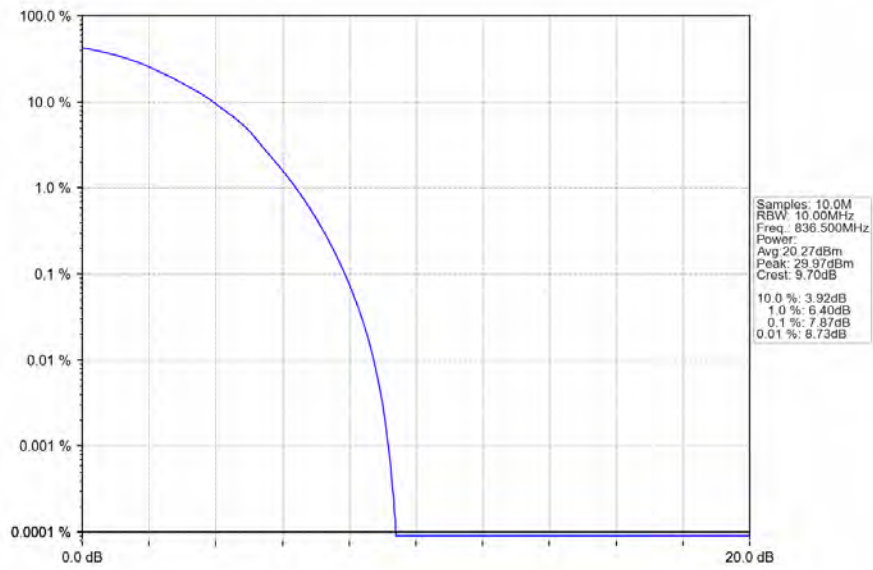
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



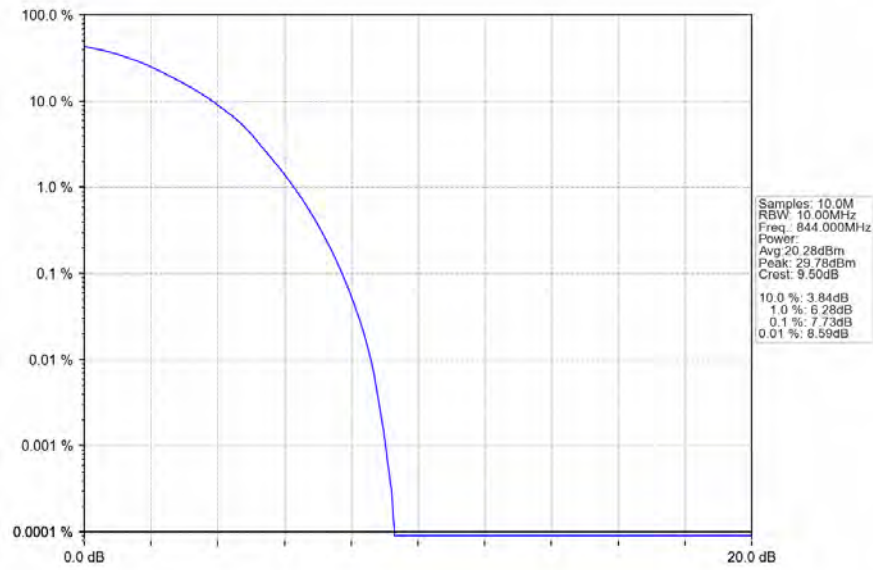
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



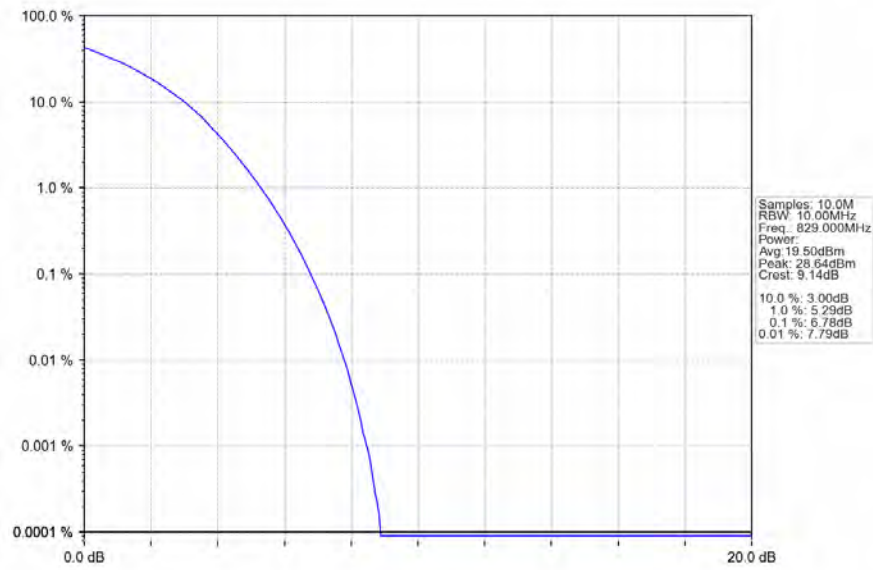
Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



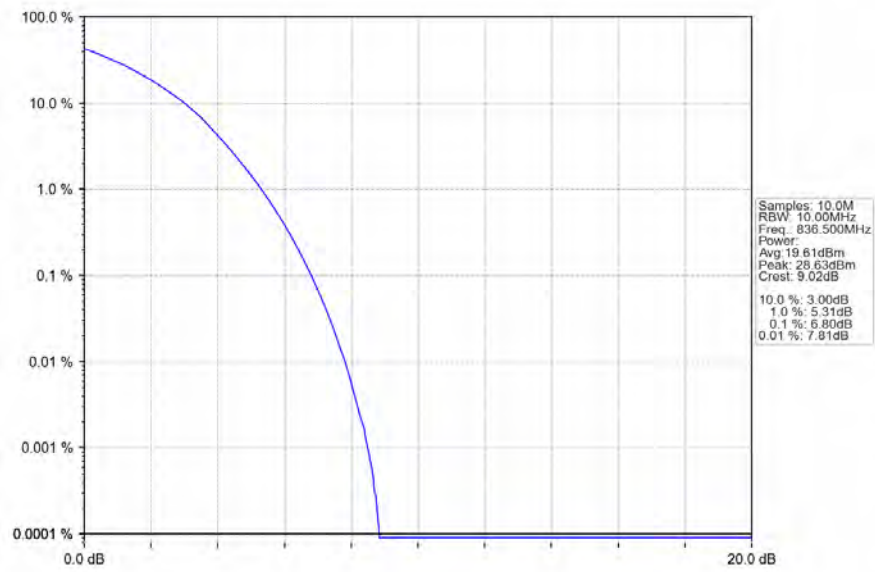
Band5 10MHz 64QAM HCH 844MHz RB 50_0 NTNv



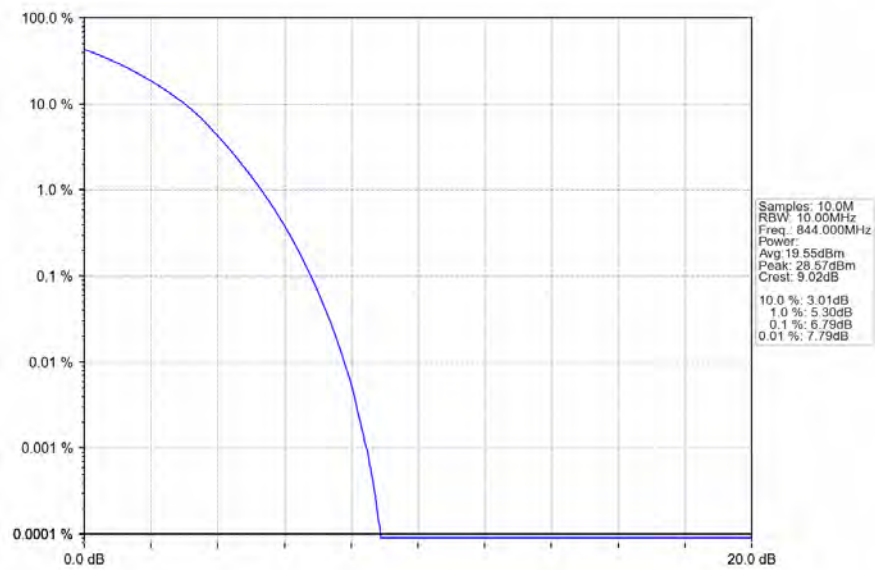
Band5 10MHz 256QAM LCH 829MHz RB 50_0 NTNv



Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_HCH_844MHz_RB_50_0_NTNV



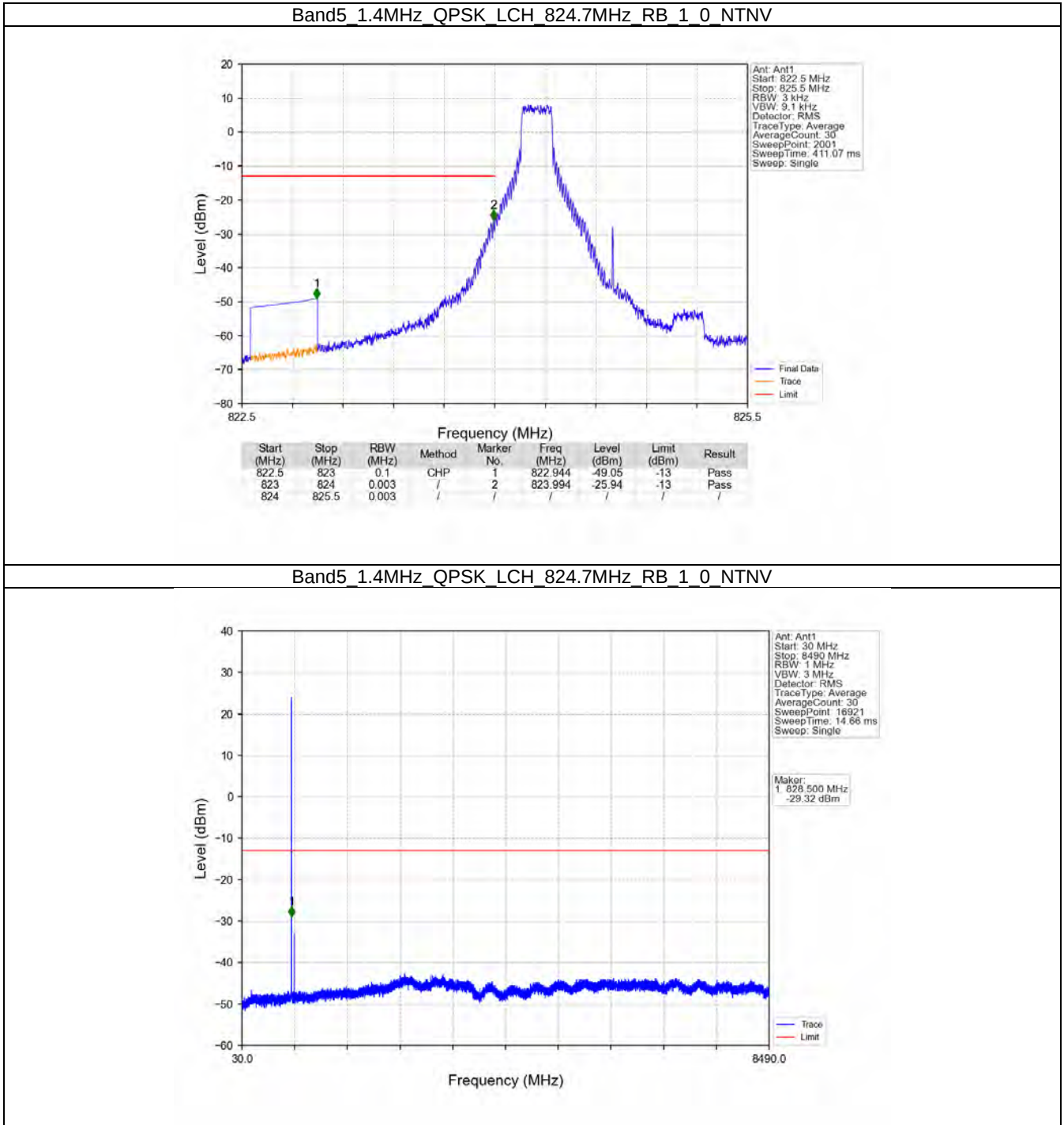
5. Spurious Emission

5.1 B5_1.4MHz

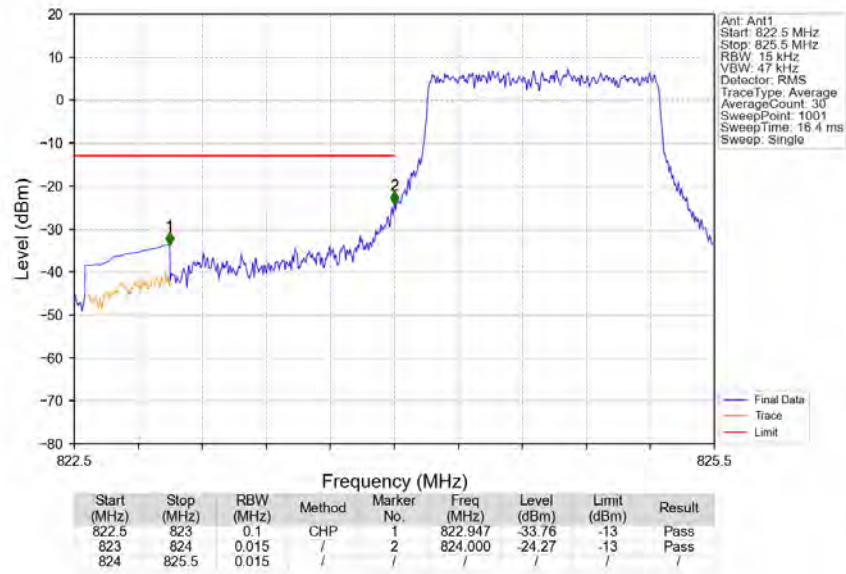
5.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTVN						
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

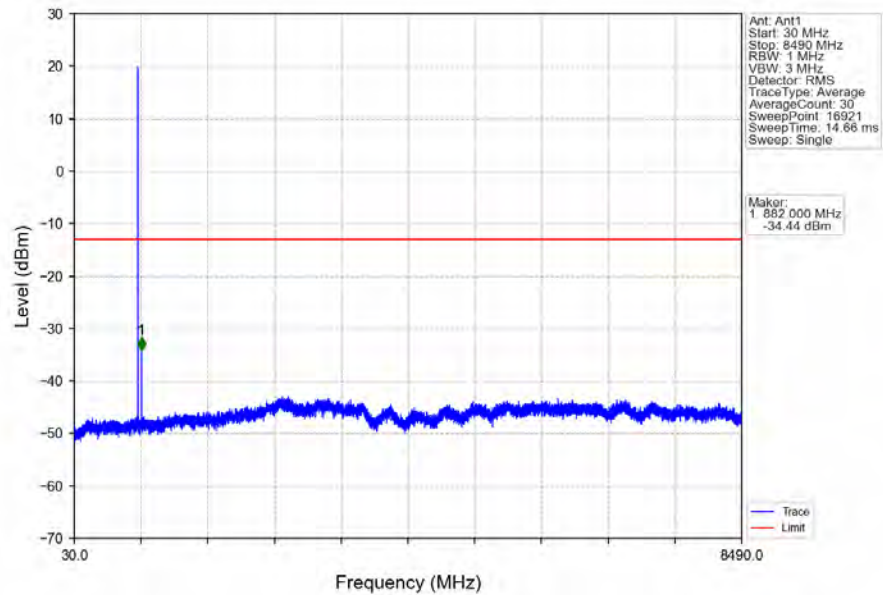
5.1.2 Test Graph



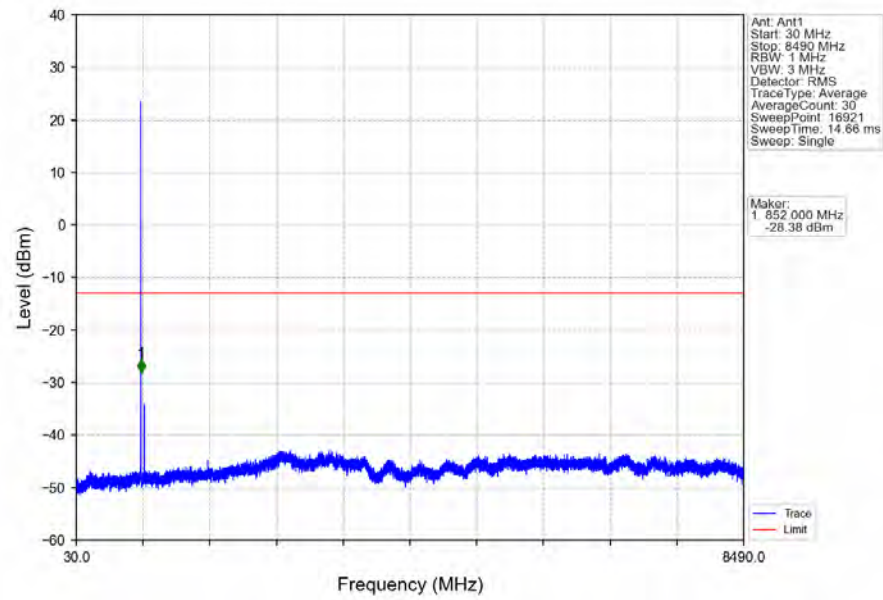
Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV



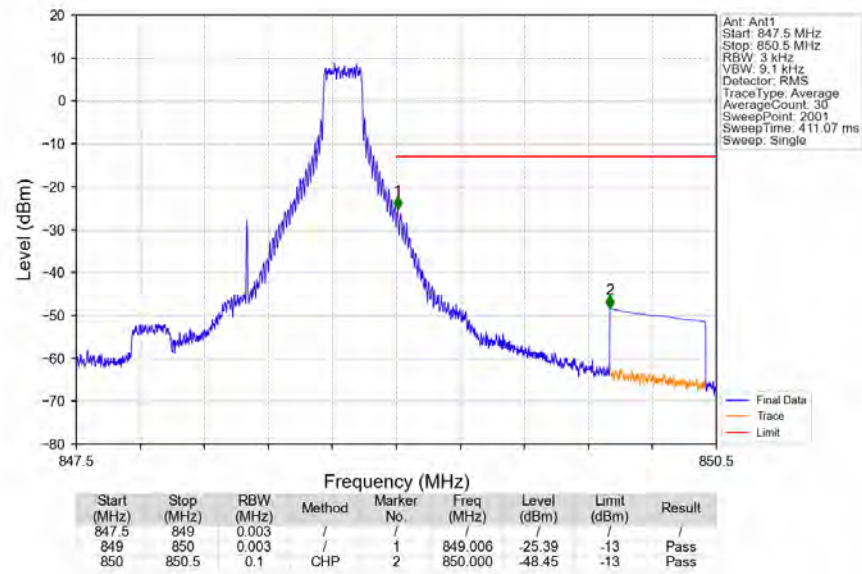
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



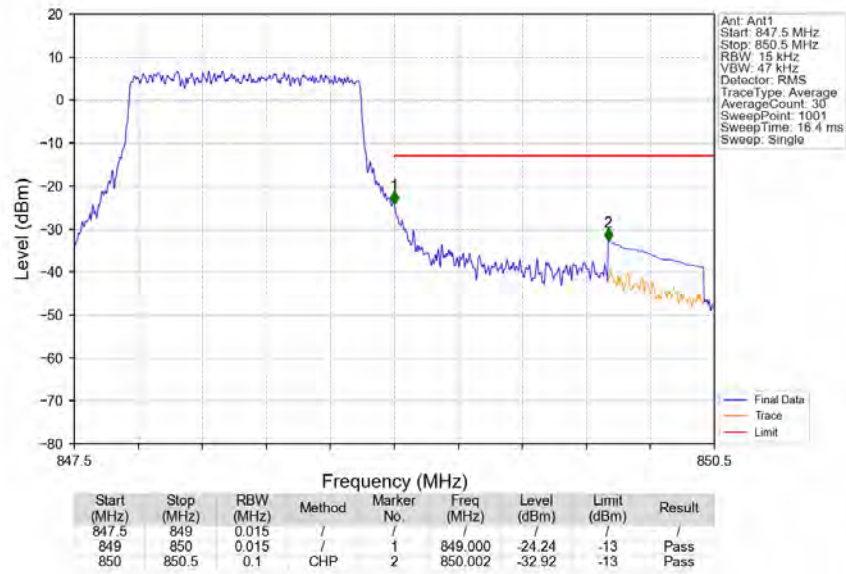
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV



Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTNV



Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN

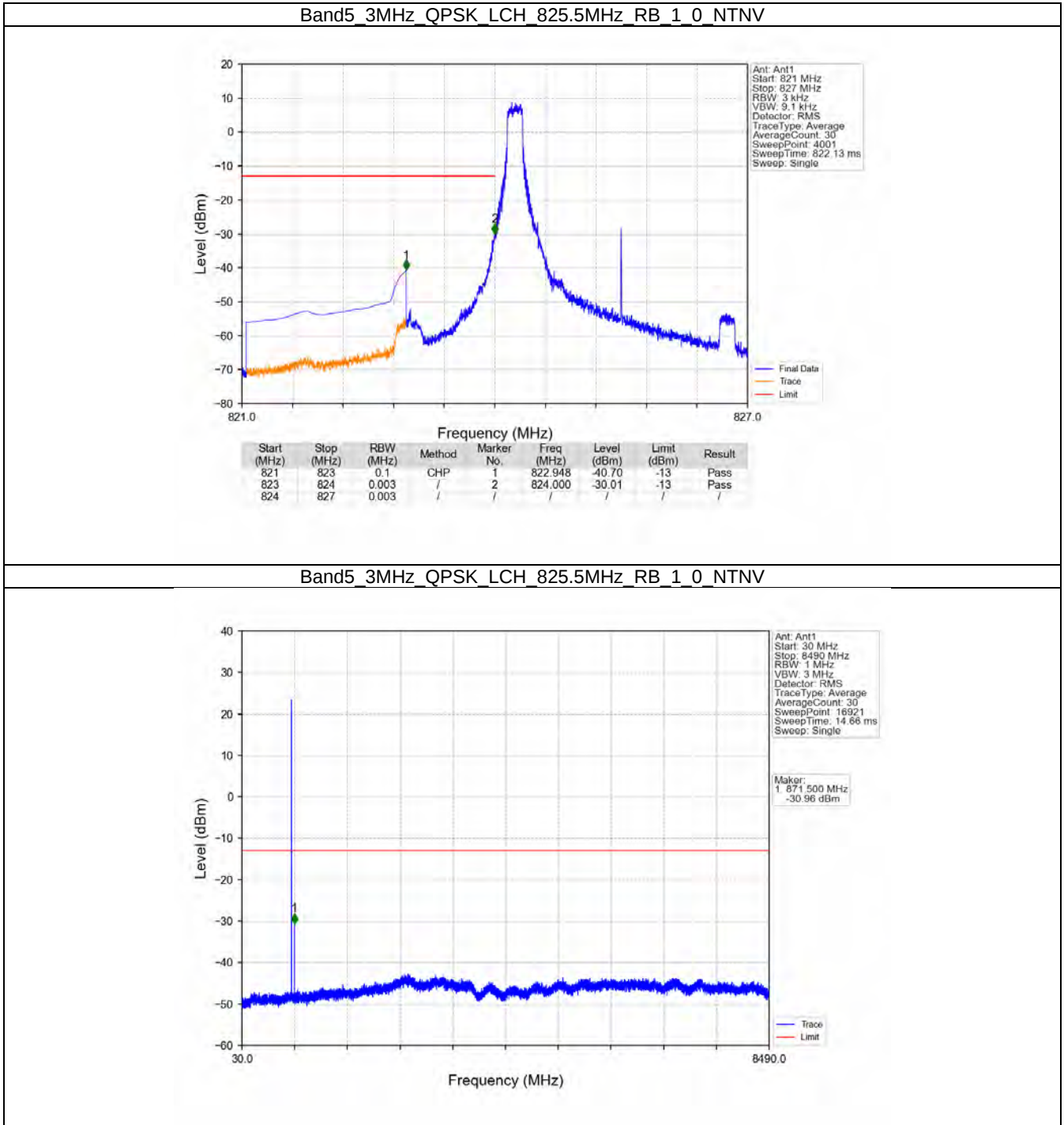


5.2 B5_3MHz

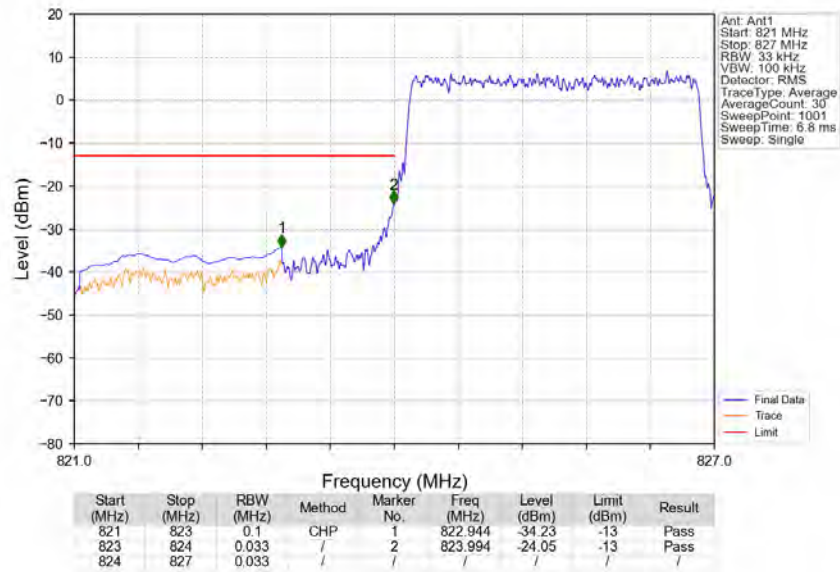
5.2.1 Test Result

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

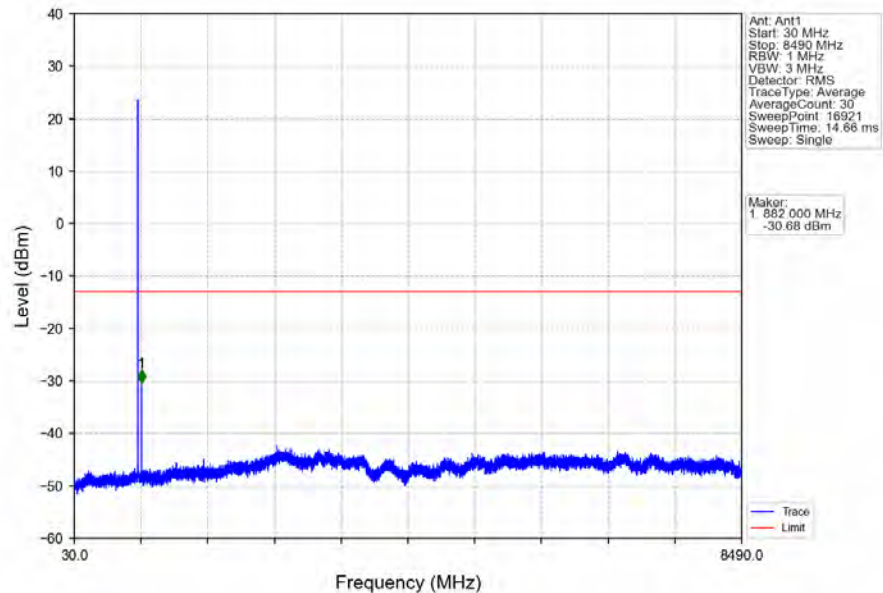
5.2.2 Test Graph



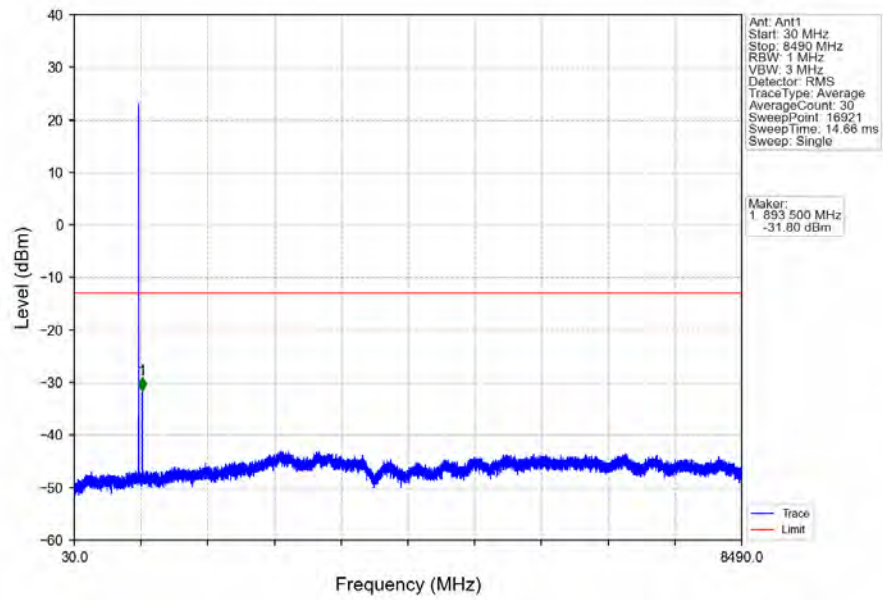
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



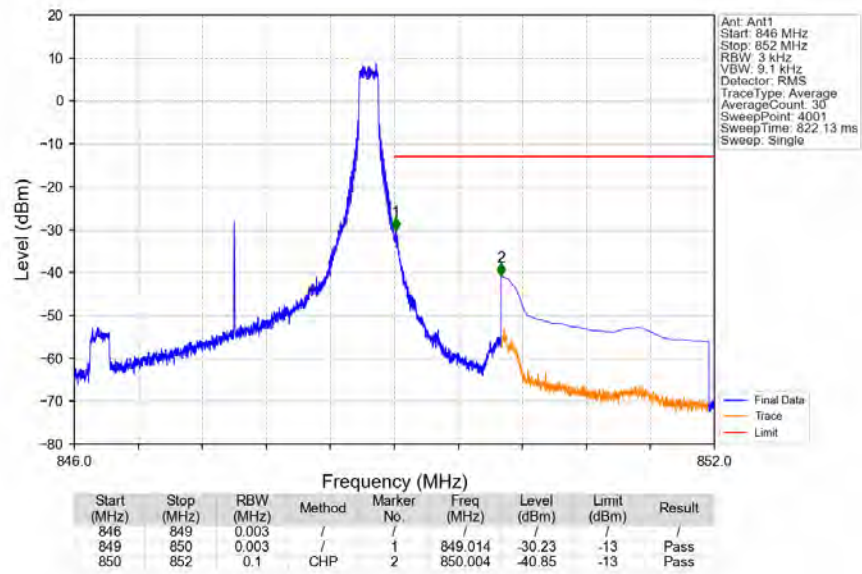
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

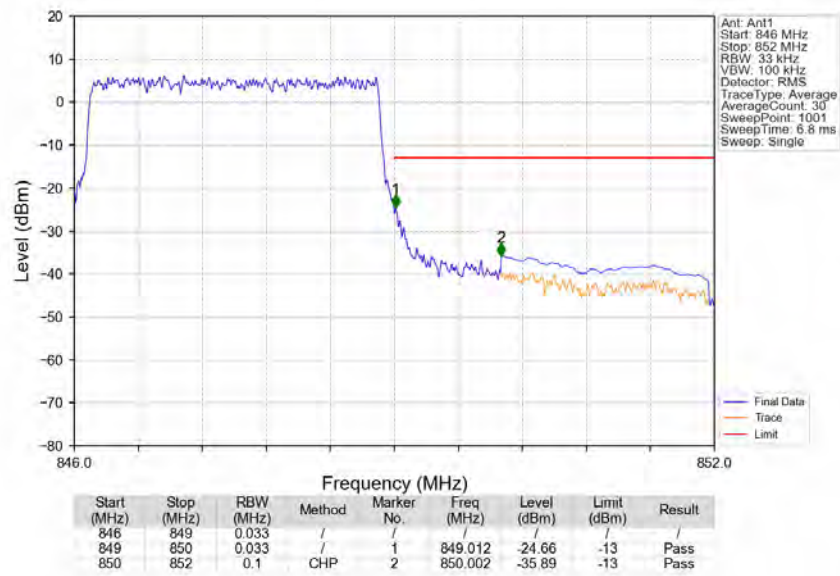


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



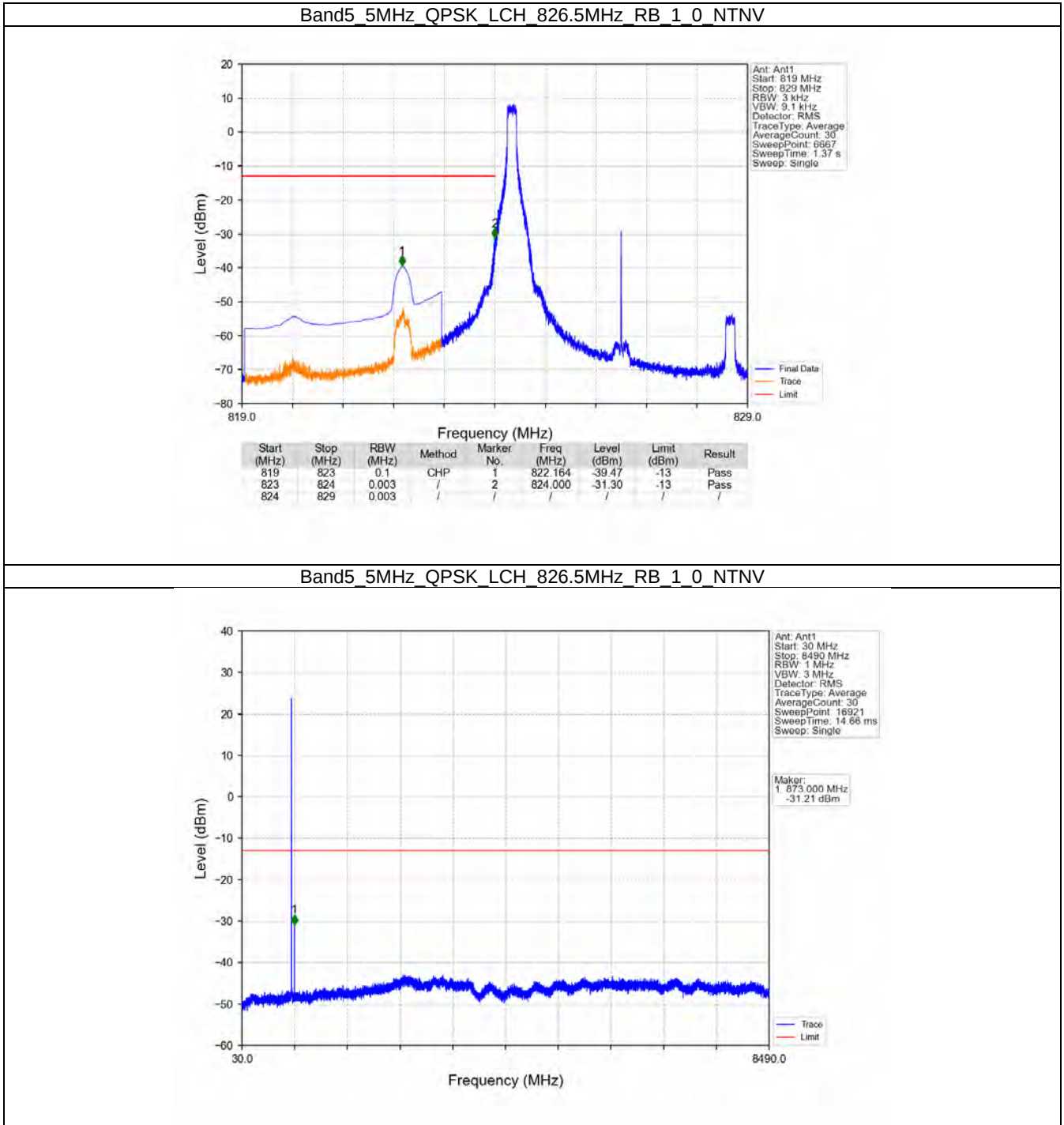


5.3 B5_5MHz

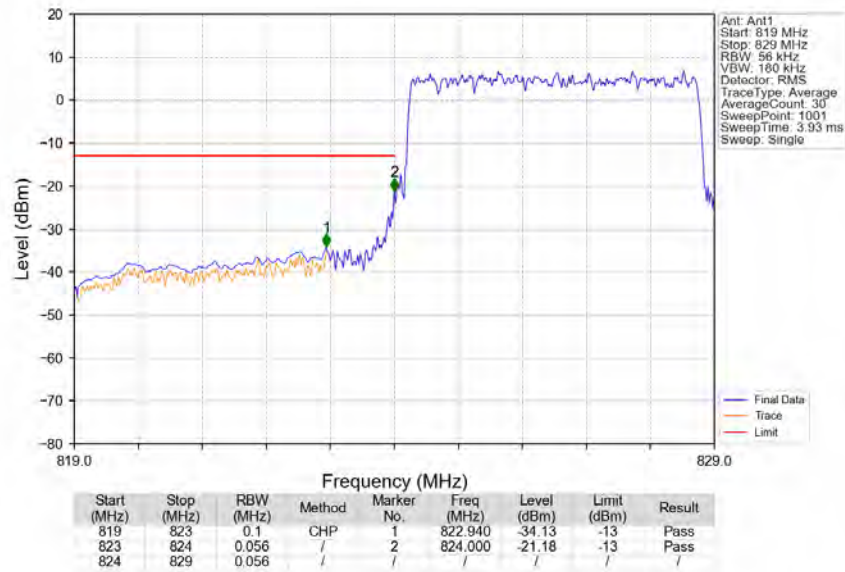
5.3.1 Test Result

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		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

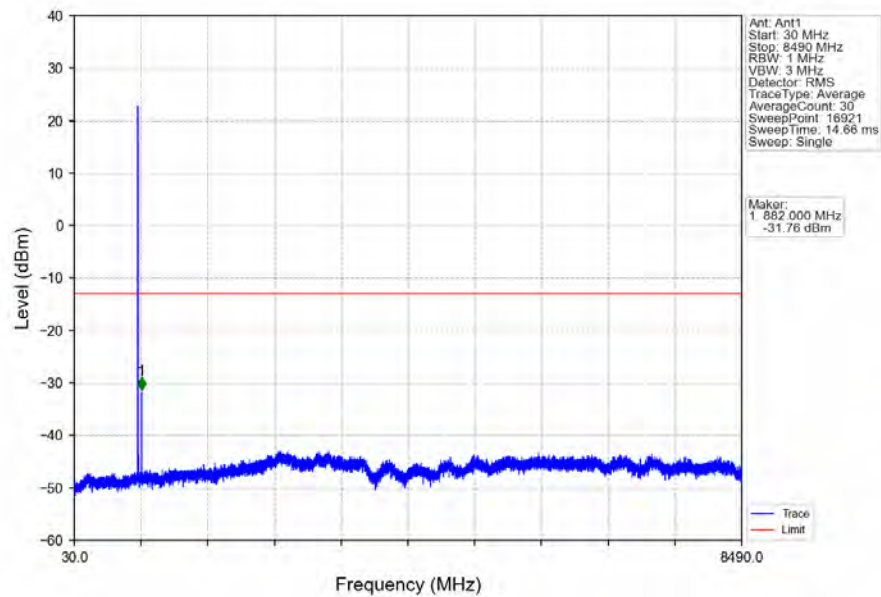
5.3.2 Test Graph



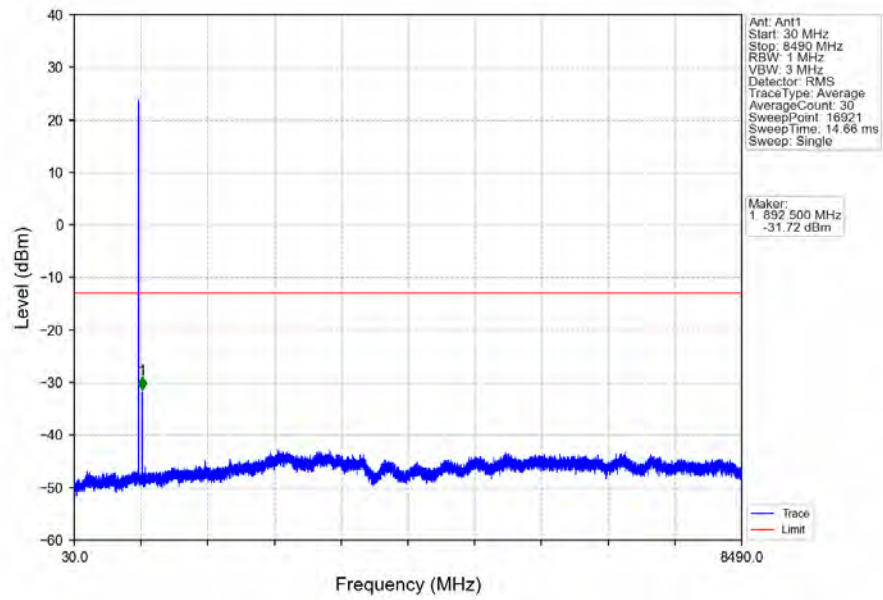
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



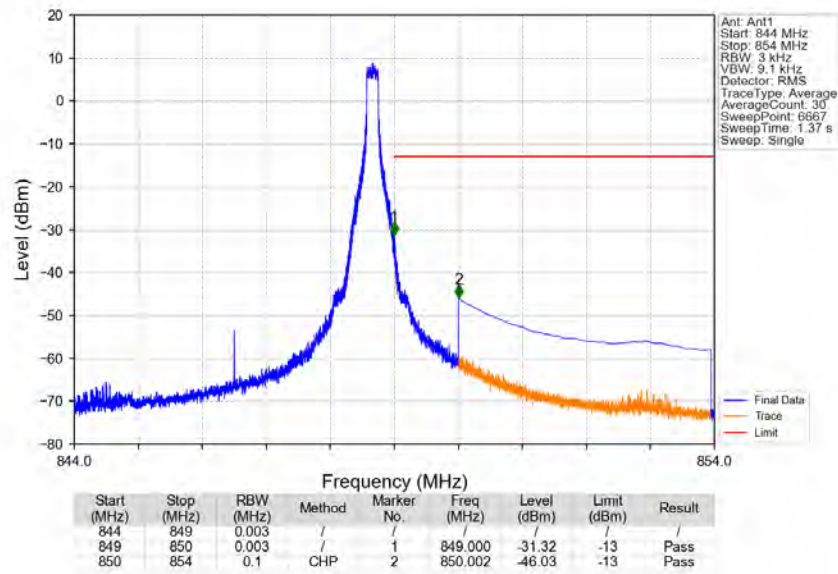
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

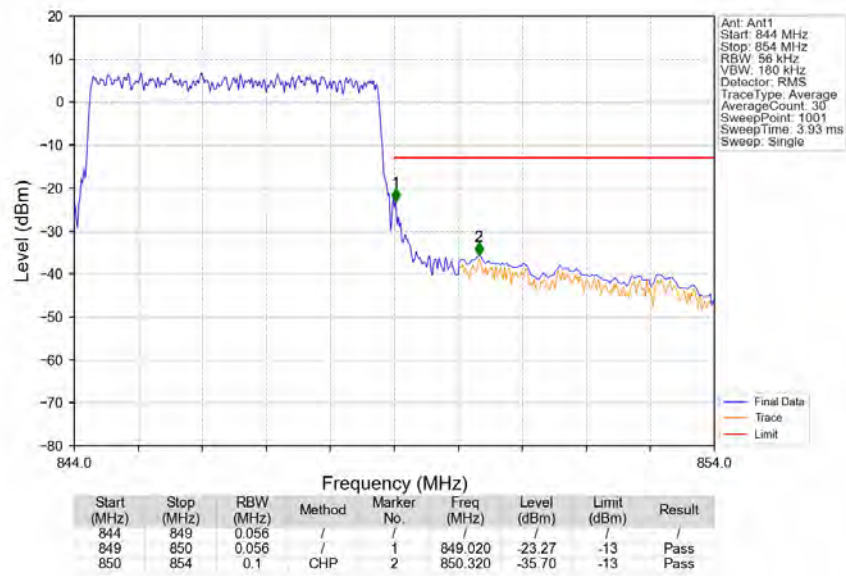


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



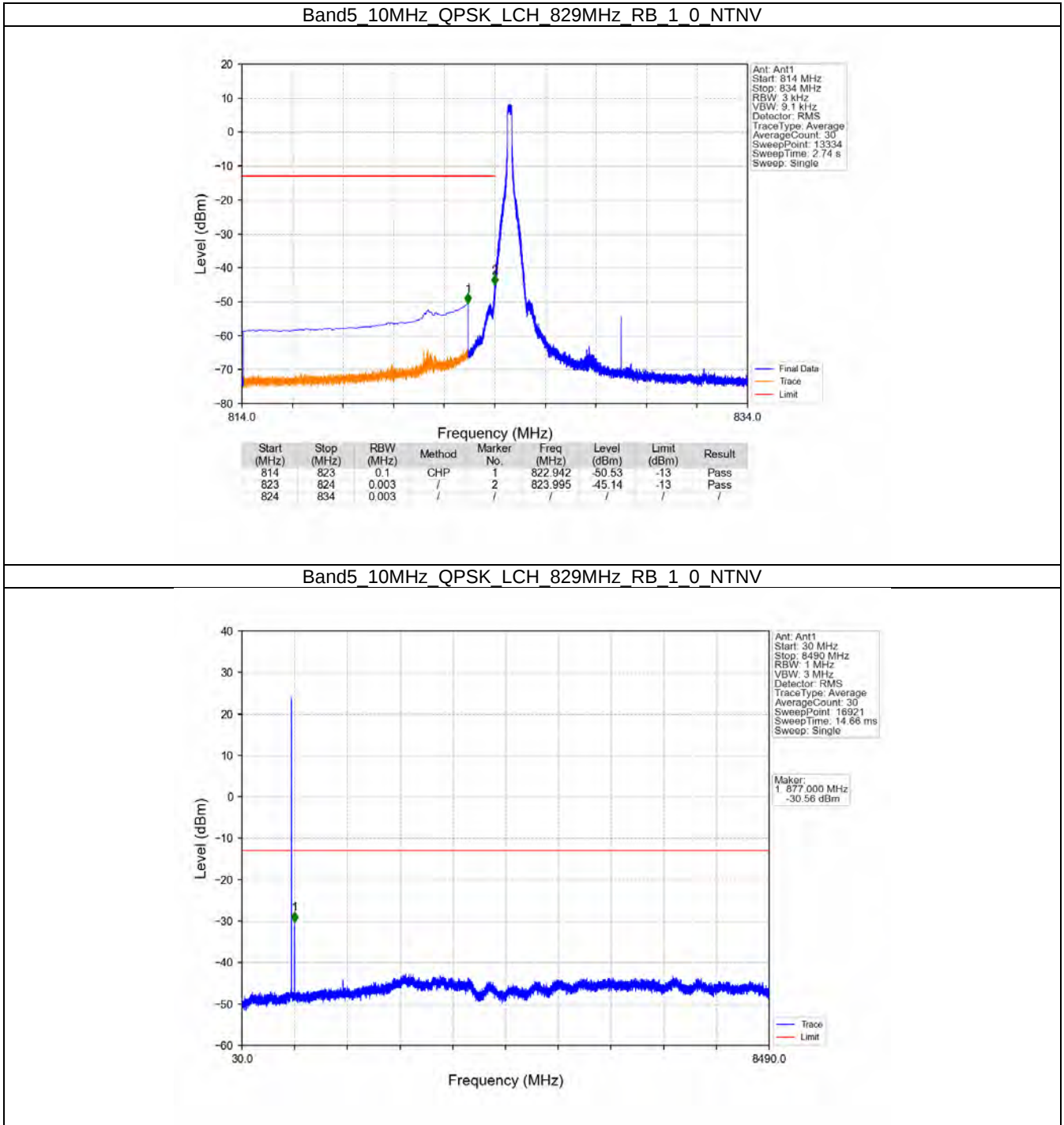


5.4 B5_10MHz

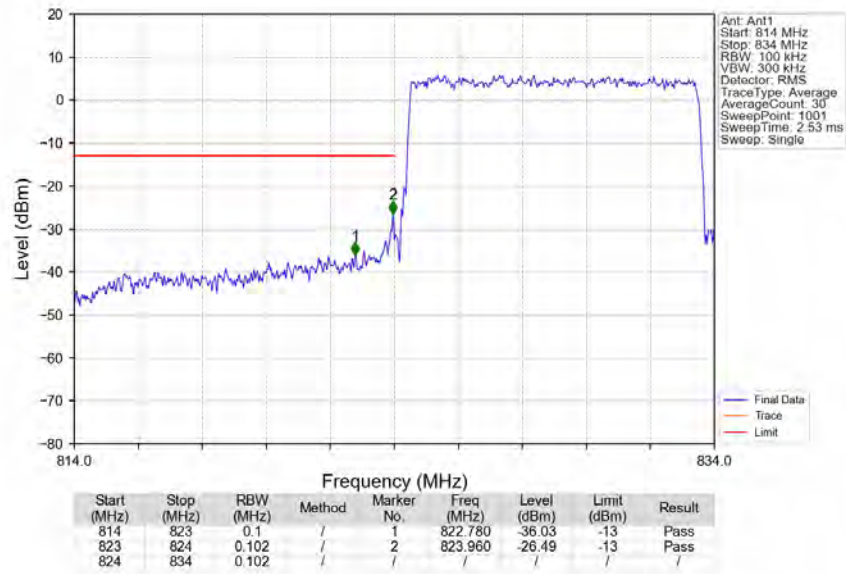
5.4.1 Test Result

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

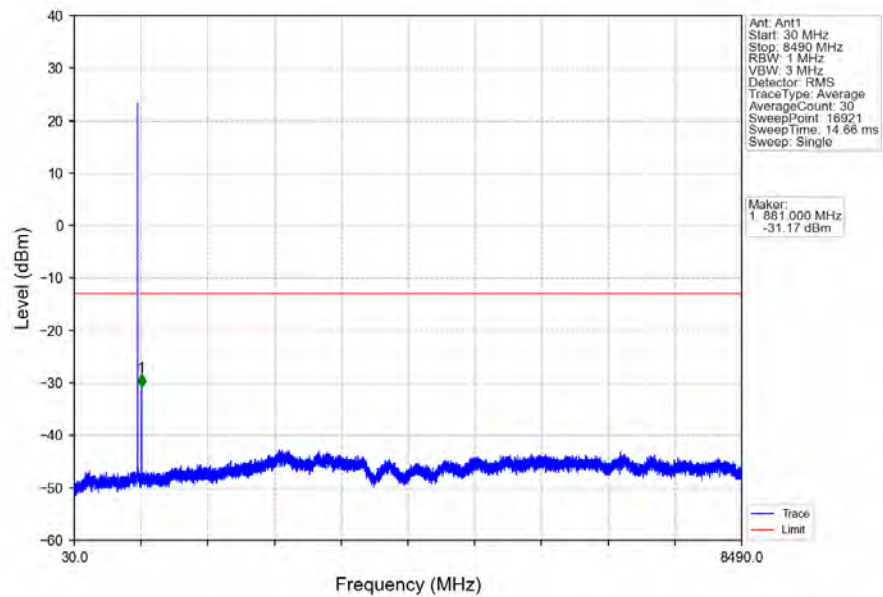
5.4.2 Test Graph



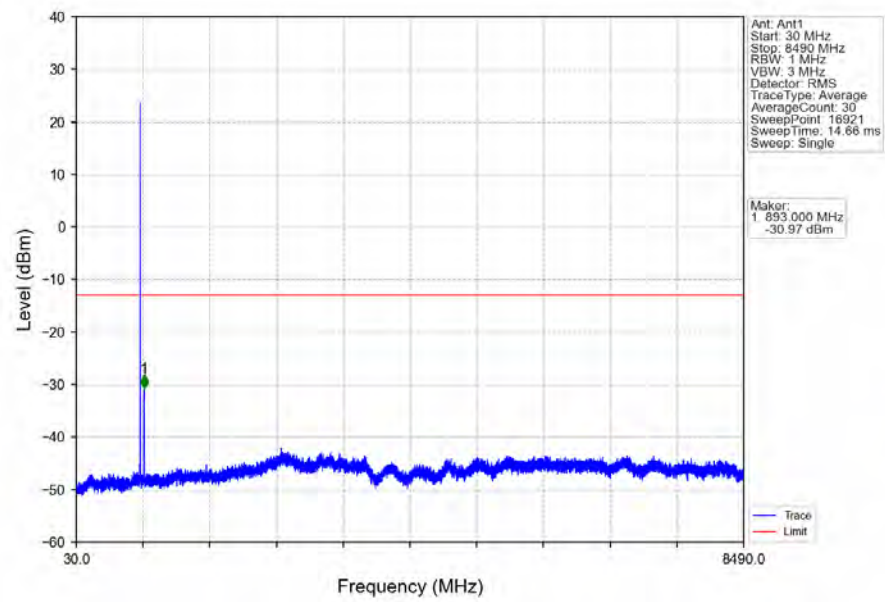
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



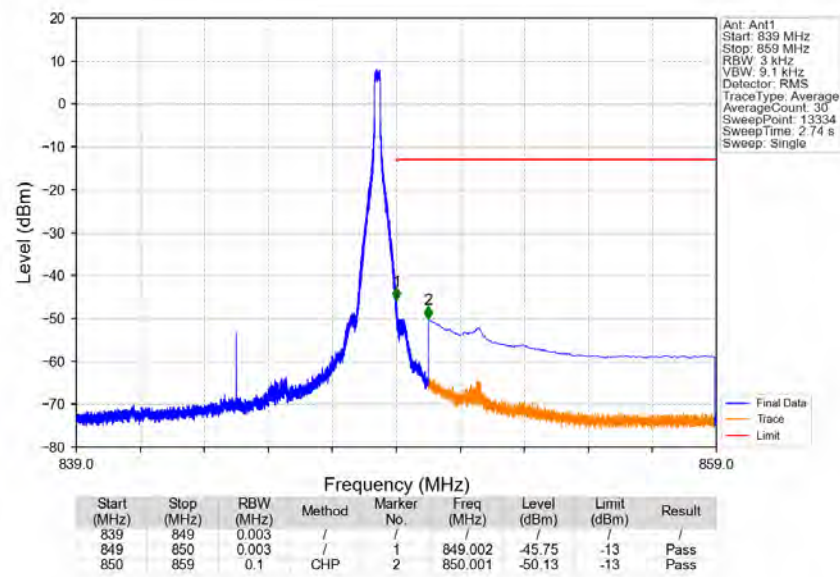
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

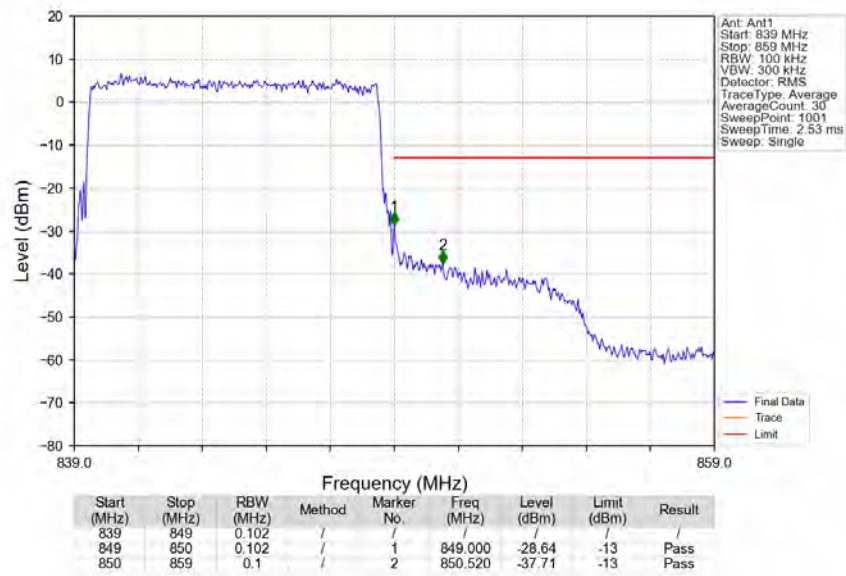


Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV





6. Field Strength of Spurious Radiation

LTE Band 5-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1649.0	-69.57	-13	-56.57	-72.45	2.62	5.5	Horizontal	Pass
2473.5	-63.32	-13	-50.32	-66.02	3.06	5.76	Horizontal	Pass
3298.0	-67.43	-13	-54.43	-71.79	3.3	7.66	Horizontal	Pass
1649.0	-61.65	-13	-48.65	-64.53	2.62	5.5	Vertical	Pass
2473.5	-59.92	-13	-46.92	-62.62	3.06	5.76	Vertical	Pass
3298.0	-67.28	-13	-54.28	-71.64	3.3	7.66	Vertical	Pass

LTE Band 5-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1664.0	-71.06	-13	-58.06	-73.9	2.63	5.47	Horizontal	Pass
2496.0	-64.76	-13	-51.76	-67.49	3.08	5.81	Horizontal	Pass
3328.0	-67.38	-13	-54.38	-71.81	3.31	7.74	Horizontal	Pass
1664.0	-60.48	-13	-47.48	-63.32	2.63	5.47	Vertical	Pass
2496.0	-63.36	-13	-50.36	-66.09	3.08	5.81	Vertical	Pass
3328.0	-66.91	-13	-53.91	-71.34	3.31	7.74	Vertical	Pass

LTE Band 5-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1679.0	-72.22	-13	-59.22	-75.02	2.63	5.43	Horizontal	Pass
2518.5	-64.7	-13	-51.7	-67.48	3.08	5.86	Horizontal	Pass
3358.0	-67.59	-13	-54.59	-72.08	3.33	7.82	Horizontal	Pass
1679.0	-67.93	-13	-54.93	-70.73	2.63	5.43	Vertical	Pass
2518.5	-67.26	-13	-54.26	-70.04	3.08	5.86	Vertical	Pass
3358.0	-67.68	-13	-54.68	-72.17	3.33	7.82	Vertical	Pass

LTE CA_2A_5A -Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3702.0	-62.37	-13	-49.37	-67.23	3.58	8.44	Horizontal	Pass
5553.0	-58.91	-13	-45.91	-64.62	4.74	10.45	Horizontal	Pass
7404.0	-60.06	-13	-47.06	-66.74	4.94	11.62	Horizontal	Pass
3702.0	-62.97	-13	-49.97	-67.83	3.58	8.44	Vertical	Pass
5553.0	-56.8	-13	-43.8	-62.51	4.74	10.45	Vertical	Pass
7404.0	-60.47	-13	-47.47	-67.15	4.94	11.62	Vertical	Pass

LTE CA_2A_5A -Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3742.0	-67.43	-13	-54.43	-72.31	3.61	8.49	Horizontal	Pass
5613.0	-62.19	-13	-49.19	-67.9	4.74	10.45	Horizontal	Pass
7484.0	-60.33	-13	-47.33	-67.11	4.94	11.72	Horizontal	Pass
3742.0	-66.9	-13	-53.9	-71.78	3.61	8.49	Vertical	Pass
5613.0	-62.82	-13	-49.82	-68.53	4.74	10.45	Vertical	Pass
7484.0	-61.09	-13	-48.09	-67.87	4.94	11.72	Vertical	Pass

LTE CA_2A_5A -High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3782.0	-66.53	-13	-53.53	-71.43	3.65	8.55	Horizontal	Pass
5673.0	-62.65	-13	-49.65	-68.35	4.75	10.45	Horizontal	Pass
7564.0	-60.61	-13	-47.61	-67.48	4.95	11.82	Horizontal	Pass
3782.0	-66.62	-13	-53.62	-71.52	3.65	8.55	Vertical	Pass
5673.0	-62.36	-13	-49.36	-68.06	4.75	10.45	Vertical	Pass
7564.0	-60.28	-13	-47.28	-67.15	4.95	11.82	Vertical	Pass