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1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result Ant0

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band 5	1.4MHz	QPSK	L	1RB0	24.47	24.32	38.5	PASS
Band 5	1.4MHz	QPSK	L	1RB2	24.46	24.31	38.5	PASS
Band 5	1.4MHz	QPSK	L	1RB5	24.47	24.32	38.5	PASS
Band 5	1.4MHz	QPSK	L	3RB0	24.5	24.35	38.5	PASS
Band 5	1.4MHz	QPSK	L	3RB2	24.44	24.29	38.5	PASS
Band 5	1.4MHz	QPSK	L	3RB3	24.44	24.29	38.5	PASS
Band 5	1.4MHz	QPSK	L	6RB0	23.5	23.35	38.5	PASS
Band 5	1.4MHz	QPSK	M	1RB0	24.58	24.43	38.5	PASS
Band 5	1.4MHz	QPSK	M	1RB2	24.6	24.45	38.5	PASS
Band 5	1.4MHz	QPSK	M	1RB5	24.57	24.42	38.5	PASS
Band 5	1.4MHz	QPSK	M	3RB0	24.51	24.36	38.5	PASS
Band 5	1.4MHz	QPSK	M	3RB2	24.56	24.41	38.5	PASS
Band 5	1.4MHz	QPSK	M	3RB3	24.54	24.39	38.5	PASS
Band 5	1.4MHz	QPSK	M	6RB0	23.51	23.36	38.5	PASS
Band 5	1.4MHz	QPSK	H	1RB0	24.67	24.52	38.5	PASS
Band 5	1.4MHz	QPSK	H	1RB2	24.67	24.52	38.5	PASS
Band 5	1.4MHz	QPSK	H	1RB5	24.64	24.49	38.5	PASS
Band 5	1.4MHz	QPSK	H	3RB0	24.62	24.47	38.5	PASS
Band 5	1.4MHz	QPSK	H	3RB2	24.66	24.51	38.5	PASS
Band 5	1.4MHz	QPSK	H	3RB3	24.67	24.52	38.5	PASS
Band 5	1.4MHz	QPSK	H	6RB0	23.7	23.55	38.5	PASS
Band 5	1.4MHz	16QAM	L	1RB0	23.67	23.52	38.5	PASS

Band 5	1.4MHz	16QAM	L	1RB2	23.6	23.45	38.5	PASS
Band 5	1.4MHz	16QAM	L	1RB5	23.57	23.42	38.5	PASS
Band 5	1.4MHz	16QAM	L	3RB0	23.47	23.32	38.5	PASS
Band 5	1.4MHz	16QAM	L	3RB2	23.46	23.31	38.5	PASS
Band 5	1.4MHz	16QAM	L	3RB3	23.5	23.35	38.5	PASS
Band 5	1.4MHz	16QAM	L	6RB0	22.48	22.33	38.5	PASS
Band 5	1.4MHz	16QAM	M	1RB0	23.66	23.51	38.5	PASS
Band 5	1.4MHz	16QAM	M	1RB2	23.65	23.5	38.5	PASS
Band 5	1.4MHz	16QAM	M	1RB5	23.69	23.54	38.5	PASS
Band 5	1.4MHz	16QAM	M	3RB0	23.61	23.46	38.5	PASS
Band 5	1.4MHz	16QAM	M	3RB2	23.63	23.48	38.5	PASS
Band 5	1.4MHz	16QAM	M	3RB3	23.62	23.47	38.5	PASS
Band 5	1.4MHz	16QAM	M	6RB0	22.56	22.41	38.5	PASS
Band 5	1.4MHz	16QAM	H	1RB0	23.83	23.68	38.5	PASS
Band 5	1.4MHz	16QAM	H	1RB2	23.87	23.72	38.5	PASS
Band 5	1.4MHz	16QAM	H	1RB5	23.82	23.67	38.5	PASS
Band 5	1.4MHz	16QAM	H	3RB0	23.76	23.61	38.5	PASS
Band 5	1.4MHz	16QAM	H	3RB2	23.72	23.57	38.5	PASS
Band 5	1.4MHz	16QAM	H	3RB3	23.71	23.56	38.5	PASS
Band 5	1.4MHz	16QAM	H	6RB0	22.75	22.6	38.5	PASS
Band 5	1.4MHz	64QAM	L	1RB0	22.7	22.55	38.5	PASS
Band 5	1.4MHz	64QAM	L	1RB2	22.68	22.53	38.5	PASS
Band 5	1.4MHz	64QAM	L	1RB5	22.7	22.55	38.5	PASS
Band 5	1.4MHz	64QAM	L	3RB0	22.54	22.39	38.5	PASS
Band 5	1.4MHz	64QAM	L	3RB2	22.6	22.45	38.5	PASS

Band 5	1.4MHz	64QAM	L	3RB3	22.58	22.43	38.5	PASS
Band 5	1.4MHz	64QAM	L	6RB0	21.54	21.39	38.5	PASS
Band 5	1.4MHz	64QAM	M	1RB0	22.82	22.67	38.5	PASS
Band 5	1.4MHz	64QAM	M	1RB2	22.78	22.63	38.5	PASS
Band 5	1.4MHz	64QAM	M	1RB5	22.88	22.73	38.5	PASS
Band 5	1.4MHz	64QAM	M	3RB0	22.6	22.45	38.5	PASS
Band 5	1.4MHz	64QAM	M	3RB2	22.6	22.45	38.5	PASS
Band 5	1.4MHz	64QAM	M	3RB3	22.6	22.45	38.5	PASS
Band 5	1.4MHz	64QAM	M	6RB0	21.55	21.4	38.5	PASS
Band 5	1.4MHz	64QAM	H	1RB0	22.87	22.72	38.5	PASS
Band 5	1.4MHz	64QAM	H	1RB2	22.82	22.67	38.5	PASS
Band 5	1.4MHz	64QAM	H	1RB5	22.91	22.76	38.5	PASS
Band 5	1.4MHz	64QAM	H	3RB0	22.82	22.67	38.5	PASS
Band 5	1.4MHz	64QAM	H	3RB2	22.78	22.63	38.5	PASS
Band 5	1.4MHz	64QAM	H	3RB3	22.73	22.58	38.5	PASS
Band 5	1.4MHz	64QAM	H	6RB0	21.73	21.58	38.5	PASS
Band 5	3MHz	QPSK	L	1RB0	24.43	24.28	38.5	PASS
Band 5	3MHz	QPSK	L	1RB7	24.47	24.32	38.5	PASS
Band 5	3MHz	QPSK	L	1RB14	24.43	24.28	38.5	PASS
Band 5	3MHz	QPSK	L	8RB0	23.59	23.44	38.5	PASS
Band 5	3MHz	QPSK	L	8RB4	23.61	23.46	38.5	PASS
Band 5	3MHz	QPSK	L	8RB7	23.62	23.47	38.5	PASS
Band 5	3MHz	QPSK	L	15RB0	23.61	23.46	38.5	PASS
Band 5	3MHz	QPSK	M	1RB0	24.6	24.45	38.5	PASS
Band 5	3MHz	QPSK	M	1RB7	24.68	24.53	38.5	PASS

Band 5	3MHz	QPSK	M	1RB14	24.59	24.44	38.5	PASS
Band 5	3MHz	QPSK	M	8RB0	23.56	23.41	38.5	PASS
Band 5	3MHz	QPSK	M	8RB4	23.65	23.5	38.5	PASS
Band 5	3MHz	QPSK	M	8RB7	23.62	23.47	38.5	PASS
Band 5	3MHz	QPSK	M	15RB0	23.56	23.41	38.5	PASS
Band 5	3MHz	QPSK	H	1RB0	24.65	24.5	38.5	PASS
Band 5	3MHz	QPSK	H	1RB7	24.87	24.72	38.5	PASS
Band 5	3MHz	QPSK	H	1RB14	24.65	24.5	38.5	PASS
Band 5	3MHz	QPSK	H	8RB0	23.66	23.51	38.5	PASS
Band 5	3MHz	QPSK	H	8RB4	23.68	23.53	38.5	PASS
Band 5	3MHz	QPSK	H	8RB7	23.72	23.57	38.5	PASS
Band 5	3MHz	QPSK	H	15RB0	23.65	23.5	38.5	PASS
Band 5	3MHz	16QAM	L	1RB0	23.58	23.43	38.5	PASS
Band 5	3MHz	16QAM	L	1RB7	23.71	23.56	38.5	PASS
Band 5	3MHz	16QAM	L	1RB14	23.67	23.52	38.5	PASS
Band 5	3MHz	16QAM	L	8RB0	22.61	22.46	38.5	PASS
Band 5	3MHz	16QAM	L	8RB4	22.68	22.53	38.5	PASS
Band 5	3MHz	16QAM	L	8RB7	22.61	22.46	38.5	PASS
Band 5	3MHz	16QAM	L	15RB0	22.66	22.51	38.5	PASS
Band 5	3MHz	16QAM	M	1RB0	23.63	23.48	38.5	PASS
Band 5	3MHz	16QAM	M	1RB7	23.92	23.77	38.5	PASS
Band 5	3MHz	16QAM	M	1RB14	23.62	23.47	38.5	PASS
Band 5	3MHz	16QAM	M	8RB0	22.63	22.48	38.5	PASS
Band 5	3MHz	16QAM	M	8RB4	22.7	22.55	38.5	PASS
Band 5	3MHz	16QAM	M	8RB7	22.67	22.52	38.5	PASS

Band 5	3MHz	16QAM	M	15RB0	22.61	22.46	38.5	PASS
Band 5	3MHz	16QAM	H	1RB0	23.83	23.68	38.5	PASS
Band 5	3MHz	16QAM	H	1RB7	24	23.85	38.5	PASS
Band 5	3MHz	16QAM	H	1RB14	23.85	23.7	38.5	PASS
Band 5	3MHz	16QAM	H	8RB0	22.72	22.57	38.5	PASS
Band 5	3MHz	16QAM	H	8RB4	22.76	22.61	38.5	PASS
Band 5	3MHz	16QAM	H	8RB7	22.77	22.62	38.5	PASS
Band 5	3MHz	16QAM	H	15RB0	22.69	22.54	38.5	PASS
Band 5	3MHz	64QAM	L	1RB0	22.54	22.39	38.5	PASS
Band 5	3MHz	64QAM	L	1RB7	22.66	22.51	38.5	PASS
Band 5	3MHz	64QAM	L	1RB14	22.63	22.48	38.5	PASS
Band 5	3MHz	64QAM	L	8RB0	21.62	21.47	38.5	PASS
Band 5	3MHz	64QAM	L	8RB4	21.6	21.45	38.5	PASS
Band 5	3MHz	64QAM	L	8RB7	21.63	21.48	38.5	PASS
Band 5	3MHz	64QAM	L	15RB0	21.59	21.44	38.5	PASS
Band 5	3MHz	64QAM	M	1RB0	22.74	22.59	38.5	PASS
Band 5	3MHz	64QAM	M	1RB7	22.88	22.73	38.5	PASS
Band 5	3MHz	64QAM	M	1RB14	22.73	22.58	38.5	PASS
Band 5	3MHz	64QAM	M	8RB0	21.67	21.52	38.5	PASS
Band 5	3MHz	64QAM	M	8RB4	21.73	21.58	38.5	PASS
Band 5	3MHz	64QAM	M	8RB7	21.73	21.58	38.5	PASS
Band 5	3MHz	64QAM	M	15RB0	21.61	21.46	38.5	PASS
Band 5	3MHz	64QAM	H	1RB0	22.83	22.68	38.5	PASS
Band 5	3MHz	64QAM	H	1RB7	22.92	22.77	38.5	PASS
Band 5	3MHz	64QAM	H	1RB14	22.91	22.76	38.5	PASS

Band 5	3MHz	64QAM	H	8RB0	21.67	21.52	38.5	PASS
Band 5	3MHz	64QAM	H	8RB4	21.71	21.56	38.5	PASS
Band 5	3MHz	64QAM	H	8RB7	21.69	21.54	38.5	PASS
Band 5	3MHz	64QAM	H	15RB0	21.66	21.51	38.5	PASS
Band 5	5MHz	QPSK	L	1RB0	24.52	24.37	38.5	PASS
Band 5	5MHz	QPSK	L	1RB13	24.54	24.39	38.5	PASS
Band 5	5MHz	QPSK	L	1RB24	24.55	24.4	38.5	PASS
Band 5	5MHz	QPSK	L	12RB0	23.52	23.37	38.5	PASS
Band 5	5MHz	QPSK	L	12RB6	23.63	23.48	38.5	PASS
Band 5	5MHz	QPSK	L	12RB13	23.57	23.42	38.5	PASS
Band 5	5MHz	QPSK	L	25RB0	23.57	23.42	38.5	PASS
Band 5	5MHz	QPSK	M	1RB0	24.64	24.49	38.5	PASS
Band 5	5MHz	QPSK	M	1RB13	24.62	24.47	38.5	PASS
Band 5	5MHz	QPSK	M	1RB24	24.63	24.48	38.5	PASS
Band 5	5MHz	QPSK	M	12RB0	23.58	23.43	38.5	PASS
Band 5	5MHz	QPSK	M	12RB6	23.58	23.43	38.5	PASS
Band 5	5MHz	QPSK	M	12RB13	23.67	23.52	38.5	PASS
Band 5	5MHz	QPSK	M	25RB0	23.58	23.43	38.5	PASS
Band 5	5MHz	QPSK	H	1RB0	24.79	24.64	38.5	PASS
Band 5	5MHz	QPSK	H	1RB13	24.91	24.76	38.5	PASS
Band 5	5MHz	QPSK	H	1RB24	24.71	24.56	38.5	PASS
Band 5	5MHz	QPSK	H	12RB0	23.71	23.56	38.5	PASS
Band 5	5MHz	QPSK	H	12RB6	23.71	23.56	38.5	PASS
Band 5	5MHz	QPSK	H	12RB13	23.75	23.6	38.5	PASS
Band 5	5MHz	QPSK	H	25RB0	23.78	23.63	38.5	PASS

Band 5	5MHz	16QAM	L	1RB0	23.56	23.41	38.5	PASS
Band 5	5MHz	16QAM	L	1RB13	23.61	23.46	38.5	PASS
Band 5	5MHz	16QAM	L	1RB24	23.6	23.45	38.5	PASS
Band 5	5MHz	16QAM	L	12RB0	22.5	22.35	38.5	PASS
Band 5	5MHz	16QAM	L	12RB6	22.59	22.44	38.5	PASS
Band 5	5MHz	16QAM	L	12RB13	22.57	22.42	38.5	PASS
Band 5	5MHz	16QAM	L	25RB0	22.59	22.44	38.5	PASS
Band 5	5MHz	16QAM	M	1RB0	23.82	23.67	38.5	PASS
Band 5	5MHz	16QAM	M	1RB13	23.74	23.59	38.5	PASS
Band 5	5MHz	16QAM	M	1RB24	23.73	23.58	38.5	PASS
Band 5	5MHz	16QAM	M	12RB0	22.59	22.44	38.5	PASS
Band 5	5MHz	16QAM	M	12RB6	22.6	22.45	38.5	PASS
Band 5	5MHz	16QAM	M	12RB13	22.7	22.55	38.5	PASS
Band 5	5MHz	16QAM	M	25RB0	22.56	22.41	38.5	PASS
Band 5	5MHz	16QAM	H	1RB0	23.81	23.66	38.5	PASS
Band 5	5MHz	16QAM	H	1RB13	23.96	23.81	38.5	PASS
Band 5	5MHz	16QAM	H	1RB24	23.86	23.71	38.5	PASS
Band 5	5MHz	16QAM	H	12RB0	22.73	22.58	38.5	PASS
Band 5	5MHz	16QAM	H	12RB6	22.77	22.62	38.5	PASS
Band 5	5MHz	16QAM	H	12RB13	22.77	22.62	38.5	PASS
Band 5	5MHz	16QAM	H	25RB0	22.77	22.62	38.5	PASS
Band 5	5MHz	64QAM	L	1RB0	22.69	22.54	38.5	PASS
Band 5	5MHz	64QAM	L	1RB13	22.72	22.57	38.5	PASS
Band 5	5MHz	64QAM	L	1RB24	22.65	22.5	38.5	PASS
Band 5	5MHz	64QAM	L	12RB0	21.55	21.4	38.5	PASS

Band 5	5MHz	64QAM	L	12RB6	21.61	21.46	38.5	PASS
Band 5	5MHz	64QAM	L	12RB13	21.57	21.42	38.5	PASS
Band 5	5MHz	64QAM	L	25RB0	21.54	21.39	38.5	PASS
Band 5	5MHz	64QAM	M	1RB0	22.73	22.58	38.5	PASS
Band 5	5MHz	64QAM	M	1RB13	22.87	22.72	38.5	PASS
Band 5	5MHz	64QAM	M	1RB24	22.73	22.58	38.5	PASS
Band 5	5MHz	64QAM	M	12RB0	21.65	21.5	38.5	PASS
Band 5	5MHz	64QAM	M	12RB6	21.66	21.51	38.5	PASS
Band 5	5MHz	64QAM	M	12RB13	21.7	21.55	38.5	PASS
Band 5	5MHz	64QAM	M	25RB0	21.59	21.44	38.5	PASS
Band 5	5MHz	64QAM	H	1RB0	22.79	22.64	38.5	PASS
Band 5	5MHz	64QAM	H	1RB13	22.78	22.63	38.5	PASS
Band 5	5MHz	64QAM	H	1RB24	22.75	22.6	38.5	PASS
Band 5	5MHz	64QAM	H	12RB0	21.73	21.58	38.5	PASS
Band 5	5MHz	64QAM	H	12RB6	21.72	21.57	38.5	PASS
Band 5	5MHz	64QAM	H	12RB13	21.77	21.62	38.5	PASS
Band 5	5MHz	64QAM	H	25RB0	21.65	21.5	38.5	PASS
Band 5	10MHz	QPSK	L	1RB0	24.42	24.27	38.5	PASS
Band 5	10MHz	QPSK	L	1RB25	24.5	24.35	38.5	PASS
Band 5	10MHz	QPSK	L	1RB49	24.41	24.26	38.5	PASS
Band 5	10MHz	QPSK	L	25RB0	23.52	23.37	38.5	PASS
Band 5	10MHz	QPSK	L	25RB13	23.61	23.46	38.5	PASS
Band 5	10MHz	QPSK	L	25RB25	23.59	23.44	38.5	PASS
Band 5	10MHz	QPSK	L	50RB0	23.64	23.49	38.5	PASS
Band 5	10MHz	QPSK	M	1RB0	24.5	24.35	38.5	PASS

Band 5	10MHz	QPSK	M	1RB25	24.62	24.47	38.5	PASS
Band 5	10MHz	QPSK	M	1RB49	24.63	24.48	38.5	PASS
Band 5	10MHz	QPSK	M	25RB0	23.58	23.43	38.5	PASS
Band 5	10MHz	QPSK	M	25RB13	23.59	23.44	38.5	PASS
Band 5	10MHz	QPSK	M	25RB25	23.65	23.5	38.5	PASS
Band 5	10MHz	QPSK	M	50RB0	23.59	23.44	38.5	PASS
Band 5	10MHz	QPSK	H	1RB0	24.59	24.44	38.5	PASS
Band 5	10MHz	QPSK	H	1RB25	24.72	24.57	38.5	PASS
Band 5	10MHz	QPSK	H	1RB49	24.73	24.58	38.5	PASS
Band 5	10MHz	QPSK	H	25RB0	23.66	23.51	38.5	PASS
Band 5	10MHz	QPSK	H	25RB13	23.73	23.58	38.5	PASS
Band 5	10MHz	QPSK	H	25RB25	23.71	23.56	38.5	PASS
Band 5	10MHz	QPSK	H	50RB0	23.67	23.52	38.5	PASS
Band 5	10MHz	16QAM	L	1RB0	23.59	23.44	38.5	PASS
Band 5	10MHz	16QAM	L	1RB25	23.75	23.6	38.5	PASS
Band 5	10MHz	16QAM	L	1RB49	23.68	23.53	38.5	PASS
Band 5	10MHz	16QAM	L	25RB0	22.53	22.38	38.5	PASS
Band 5	10MHz	16QAM	L	25RB13	22.63	22.48	38.5	PASS
Band 5	10MHz	16QAM	L	25RB25	22.62	22.47	38.5	PASS
Band 5	10MHz	16QAM	L	50RB0	22.62	22.47	38.5	PASS
Band 5	10MHz	16QAM	M	1RB0	23.68	23.53	38.5	PASS
Band 5	10MHz	16QAM	M	1RB25	23.82	23.67	38.5	PASS
Band 5	10MHz	16QAM	M	1RB49	23.85	23.7	38.5	PASS
Band 5	10MHz	16QAM	M	25RB0	22.62	22.47	38.5	PASS
Band 5	10MHz	16QAM	M	25RB13	22.6	22.45	38.5	PASS

Band 5	10MHz	16QAM	M	25RB25	22.67	22.52	38.5	PASS
Band 5	10MHz	16QAM	M	50RB0	22.59	22.44	38.5	PASS
Band 5	10MHz	16QAM	H	1RB0	23.74	23.59	38.5	PASS
Band 5	10MHz	16QAM	H	1RB25	23.9	23.75	38.5	PASS
Band 5	10MHz	16QAM	H	1RB49	23.88	23.73	38.5	PASS
Band 5	10MHz	16QAM	H	25RB0	22.7	22.55	38.5	PASS
Band 5	10MHz	16QAM	H	25RB13	22.8	22.65	38.5	PASS
Band 5	10MHz	16QAM	H	25RB25	22.74	22.59	38.5	PASS
Band 5	10MHz	16QAM	H	50RB0	22.69	22.54	38.5	PASS
Band 5	10MHz	64QAM	L	1RB0	22.64	22.49	38.5	PASS
Band 5	10MHz	64QAM	L	1RB25	22.76	22.61	38.5	PASS
Band 5	10MHz	64QAM	L	1RB49	22.65	22.5	38.5	PASS
Band 5	10MHz	64QAM	L	25RB0	21.48	21.33	38.5	PASS
Band 5	10MHz	64QAM	L	25RB13	21.69	21.54	38.5	PASS
Band 5	10MHz	64QAM	L	25RB25	21.67	21.52	38.5	PASS
Band 5	10MHz	64QAM	L	50RB0	21.59	21.44	38.5	PASS
Band 5	10MHz	64QAM	M	1RB0	22.74	22.59	38.5	PASS
Band 5	10MHz	64QAM	M	1RB25	22.87	22.72	38.5	PASS
Band 5	10MHz	64QAM	M	1RB49	22.93	22.78	38.5	PASS
Band 5	10MHz	64QAM	M	25RB0	21.57	21.42	38.5	PASS
Band 5	10MHz	64QAM	M	25RB13	21.65	21.5	38.5	PASS
Band 5	10MHz	64QAM	M	25RB25	21.7	21.55	38.5	PASS
Band 5	10MHz	64QAM	M	50RB0	21.61	21.46	38.5	PASS
Band 5	10MHz	64QAM	H	1RB0	22.87	22.72	38.5	PASS
Band 5	10MHz	64QAM	H	1RB25	22.9	22.75	38.5	PASS

Band 5	10MHz	64QAM	H	1RB49	22.89	22.74	38.5	PASS
Band 5	10MHz	64QAM	H	25RB0	21.6	21.45	38.5	PASS
Band 5	10MHz	64QAM	H	25RB13	21.79	21.64	38.5	PASS
Band 5	10MHz	64QAM	H	25RB25	21.79	21.64	38.5	PASS
Band 5	10MHz	64QAM	H	50RB0	21.64	21.49	38.5	PASS

2. Frequency Stability

2.1 Test Result

2.1.4 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	829	50	0	20	3.27	-0.456	-0.0006	-2.5 to 2.5	Pass
					3.85	0.052	0.0001	-2.5 to 2.5	Pass
					4.43	-0.203	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	1.407	0.0017	-2.5 to 2.5	Pass
				-20	3.85	0.590	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.080	0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.224	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.696	0.0008	-2.5 to 2.5	Pass
				30	3.85	0.148	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.817	0.0010	-2.5 to 2.5	Pass
				50	3.85	0.525	0.0006	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-0.347	-0.0004	-2.5 to 2.5	Pass
					3.85	0.271	0.0003	-2.5 to 2.5	Pass
					4.43	-0.305	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.139	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.444	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.231	-0.0003	-2.5 to 2.5	Pass
				0	3.85	0.785	0.0009	-2.5 to 2.5	Pass
				10	3.85	1.334	0.0016	-2.5 to 2.5	Pass
				30	3.85	0.629	0.0008	-2.5 to 2.5	Pass
				40	3.85	0.094	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.093	0.0001	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-1.208	-0.0014	-2.5 to 2.5	Pass
					3.85	-0.610	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.913	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.555	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.240	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.823	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-1.387	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.264	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-0.585	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.678	-0.0008	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	0.177	0.0002	-2.5 to 2.5	Pass
					3.85	0.611	0.0007	-2.5 to 2.5	Pass
					4.43	0.204	0.0002	-2.5 to 2.5	Pass
				-30	3.85	1.040	0.0013	-2.5 to 2.5	Pass
				-20	3.85	1.459	0.0018	-2.5 to 2.5	Pass
				-10	3.85	1.026	0.0012	-2.5 to 2.5	Pass
				0	3.85	0.239	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.065	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.657	0.0008	-2.5 to 2.5	Pass
				40	3.85	0.884	0.0011	-2.5 to 2.5	Pass
				50	3.85	1.908	0.0023	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	0.369	0.0004	-2.5 to 2.5	Pass
					3.85	-0.264	-0.0003	-2.5 to 2.5	Pass
					4.43	1.006	0.0012	-2.5 to 2.5	Pass
				-30	3.85	0.264	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.250	0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.101	0.0013	-2.5 to 2.5	Pass

				0	3.85	-0.301	-0.0004	-2.5 to 2.5	Pass
				10	3.85	0.495	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.719	0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.838	-0.0010	-2.5 to 2.5	Pass
				50	3.85	0.752	0.0009	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-0.062	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.579	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.770	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-1.140	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-0.402	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.574	0.0007	-2.5 to 2.5	Pass
				0	3.85	-1.018	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.518	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.652	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.066	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.293	-0.0003	-2.5 to 2.5	Pass
64QAM	829	50	0	20	3.27	0.609	0.0007	-2.5 to 2.5	Pass
					3.85	0.523	0.0006	-2.5 to 2.5	Pass
					4.43	0.022	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-1.257	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-0.497	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.231	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.591	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.937	0.0011	-2.5 to 2.5	Pass
				40	3.85	0.648	0.0008	-2.5 to 2.5	Pass
				50	3.85	2.112	0.0025	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	0.841	0.0010	-2.5 to 2.5	Pass
					3.85	-0.755	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.092	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.287	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	0.513	0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.098	0.0013	-2.5 to 2.5	Pass
				0	3.85	0.732	0.0009	-2.5 to 2.5	Pass
				10	3.85	0.436	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.921	0.0011	-2.5 to 2.5	Pass
				40	3.85	0.912	0.0011	-2.5 to 2.5	Pass
				50	3.85	-0.136	-0.0002	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-0.854	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.782	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.099	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.363	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.415	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.820	0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.742	-0.0021	-2.5 to 2.5	Pass
				10	3.85	0.464	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.545	0.0006	-2.5 to 2.5	Pass
				40	3.85	0.528	0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.241	-0.0003	-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	824.7	6	0	1.123	/	Pass
		836.5	6	0	1.120	/	Pass
		848.3	6	0	1.122	/	Pass
	16QAM	824.7	6	0	1.117	/	Pass
		836.5	6	0	1.121	/	Pass
		848.3	6	0	1.118	/	Pass
	64QAM	824.7	6	0	1.129	/	Pass
		836.5	6	0	1.123	/	Pass
		848.3	6	0	1.124	/	Pass
3	QPSK	825.5	15	0	2.739	/	Pass
		836.5	15	0	2.767	/	Pass
		847.5	15	0	2.745	/	Pass
	16QAM	825.5	15	0	2.744	/	Pass
		836.5	15	0	2.760	/	Pass
		847.5	15	0	2.755	/	Pass
	64QAM	825.5	15	0	2.743	/	Pass
		836.5	15	0	2.736	/	Pass
		847.5	15	0	2.750	/	Pass
5	QPSK	826.5	25	0	4.566	/	Pass
		836.5	25	0	4.570	/	Pass
		846.5	25	0	4.571	/	Pass
	16QAM	826.5	25	0	4.582	/	Pass
		836.5	25	0	4.586	/	Pass
		846.5	25	0	4.565	/	Pass
	64QAM	826.5	25	0	4.564	/	Pass
		836.5	25	0	4.573	/	Pass
		846.5	25	0	4.612	/	Pass
10	QPSK	829	50	0	9.074	/	Pass
		836.5	50	0	9.072	/	Pass
		844	50	0	9.039	/	Pass
	16QAM	829	50	0	9.074	/	Pass
		836.5	50	0	9.090	/	Pass
		844	50	0	9.066	/	Pass
	64QAM	829	50	0	9.083	/	Pass
		836.5	50	0	9.080	/	Pass
		844	50	0	9.046	/	Pass

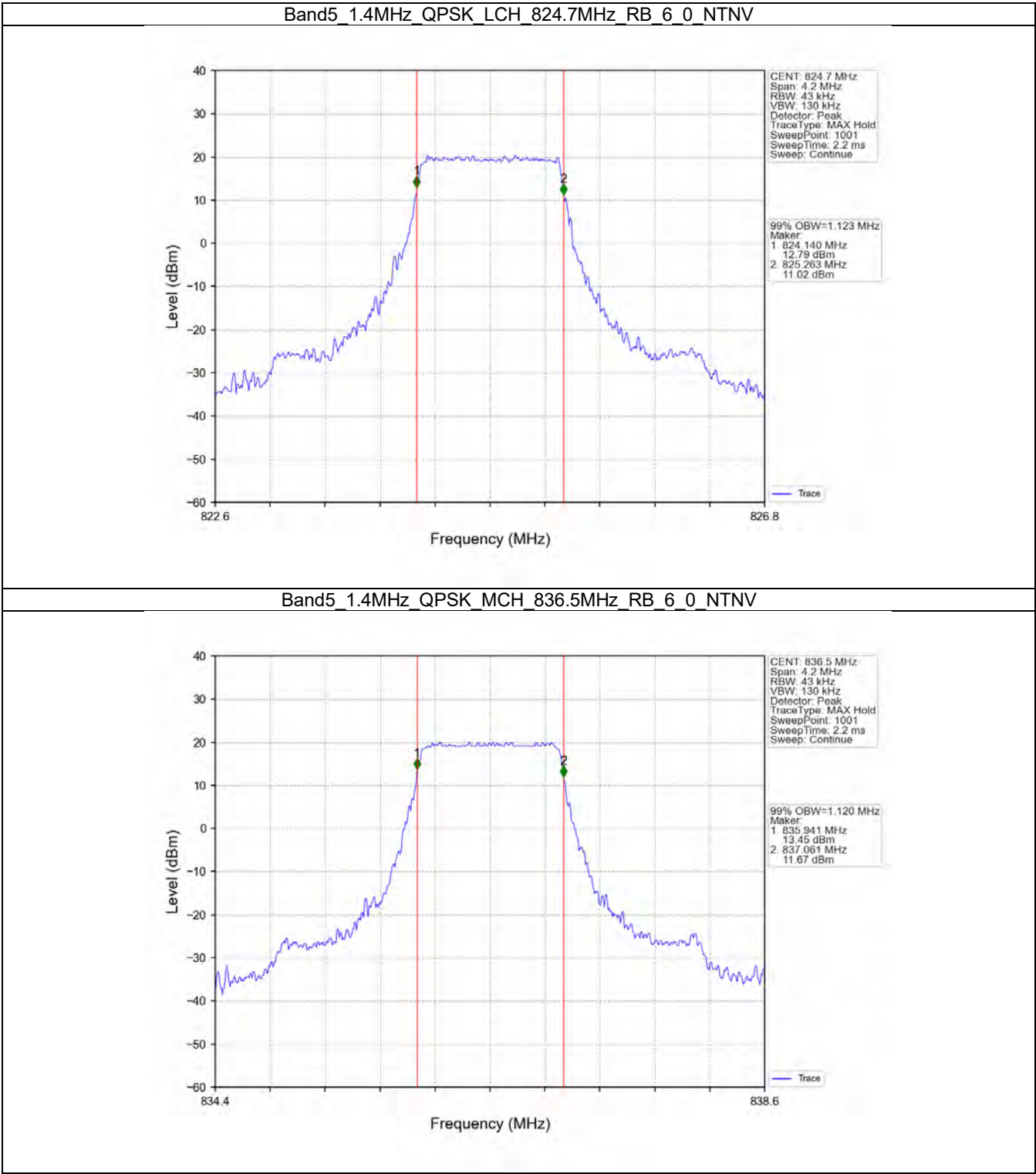
3.1.2 Band5_XDB

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.450	/	Pass
		836.5	6	0	1.431	/	Pass
		848.3	6	0	1.424	/	Pass
	16QAM	824.7	6	0	1.382	/	Pass
		836.5	6	0	1.413	/	Pass
		848.3	6	0	1.400	/	Pass

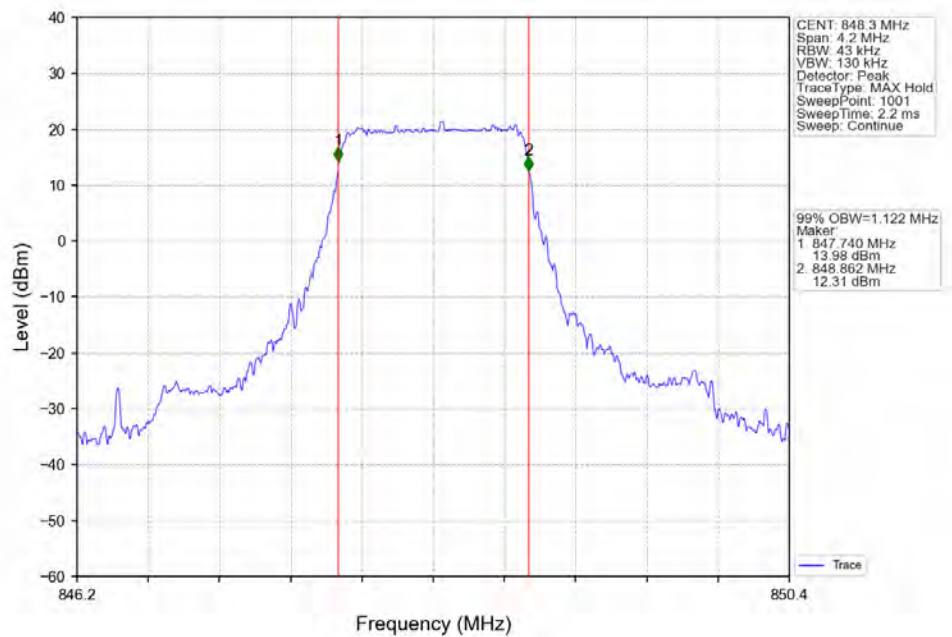
	64QAM	824.7	6	0	1.393	/	Pass
		836.5	6	0	1.400	/	Pass
		848.3	6	0	1.377	/	Pass
3	QPSK	825.5	15	0	3.137	/	Pass
		836.5	15	0	3.119	/	Pass
		847.5	15	0	3.158	/	Pass
	16QAM	825.5	15	0	3.144	/	Pass
		836.5	15	0	3.131	/	Pass
		847.5	15	0	3.143	/	Pass
	64QAM	825.5	15	0	3.128	/	Pass
		836.5	15	0	3.085	/	Pass
		847.5	15	0	3.143	/	Pass
5	QPSK	826.5	25	0	5.275	/	Pass
		836.5	25	0	5.251	/	Pass
		846.5	25	0	5.270	/	Pass
	16QAM	826.5	25	0	5.277	/	Pass
		836.5	25	0	5.311	/	Pass
		846.5	25	0	5.294	/	Pass
	64QAM	826.5	25	0	5.233	/	Pass
		836.5	25	0	5.246	/	Pass
		846.5	25	0	5.193	/	Pass
10	QPSK	829	50	0	10.101	/	Pass
		836.5	50	0	10.185	/	Pass
		844	50	0	10.130	/	Pass
	16QAM	829	50	0	10.110	/	Pass
		836.5	50	0	10.114	/	Pass
		844	50	0	10.049	/	Pass
	64QAM	829	50	0	10.218	/	Pass
		836.5	50	0	10.238	/	Pass
		844	50	0	10.188	/	Pass

3.2 Test Graph

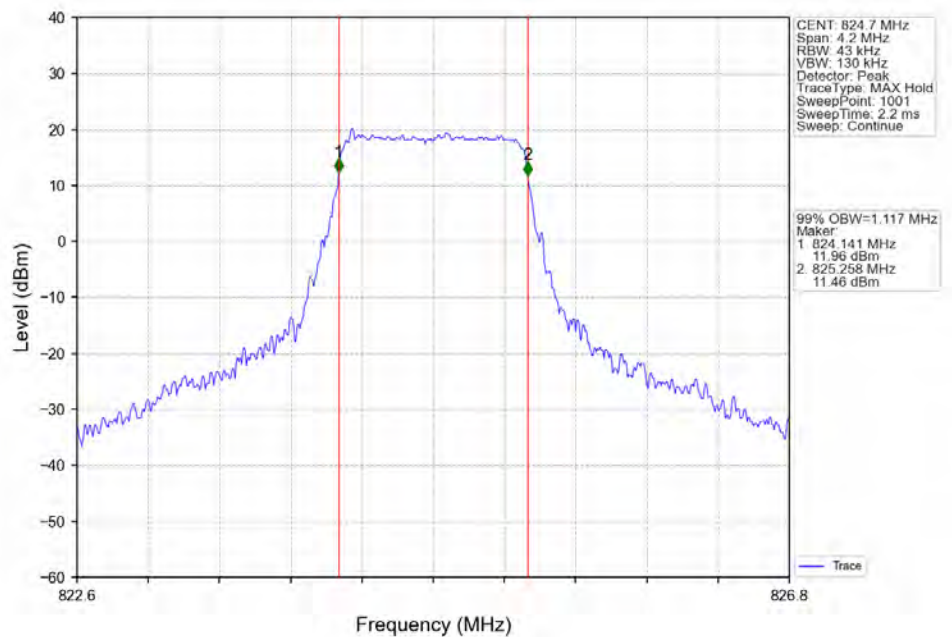
3.2.1 Band5_OBW



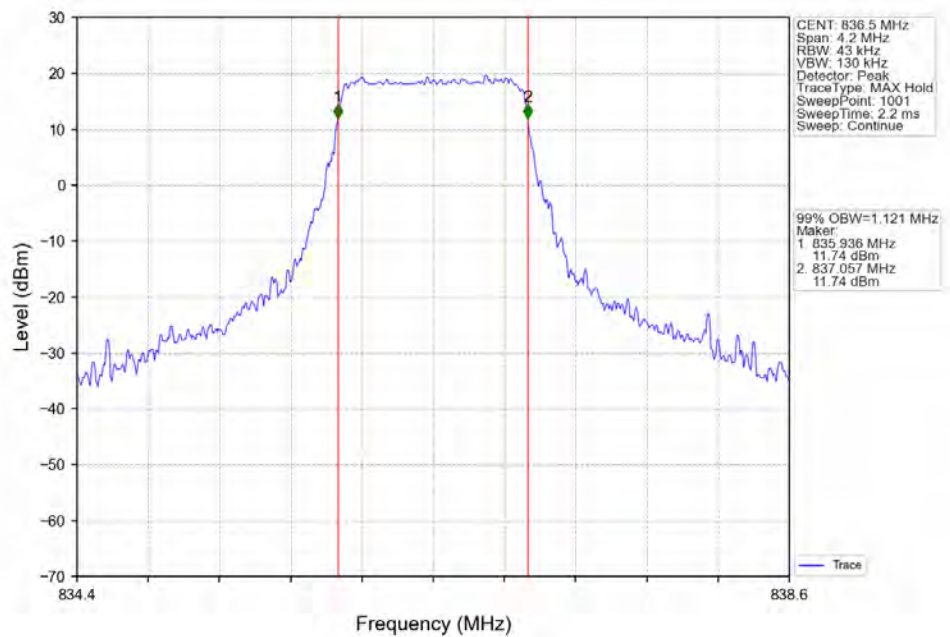
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



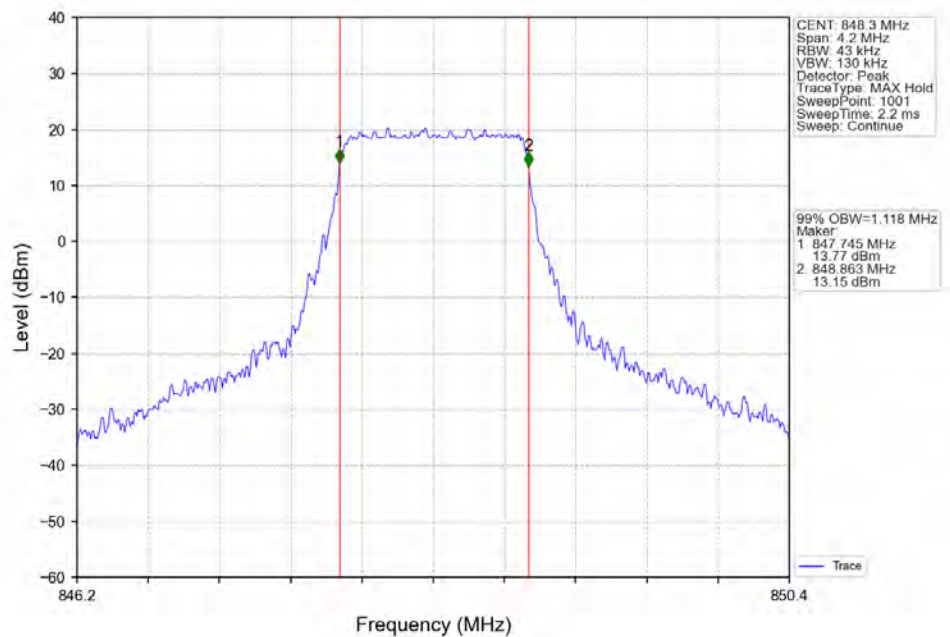
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



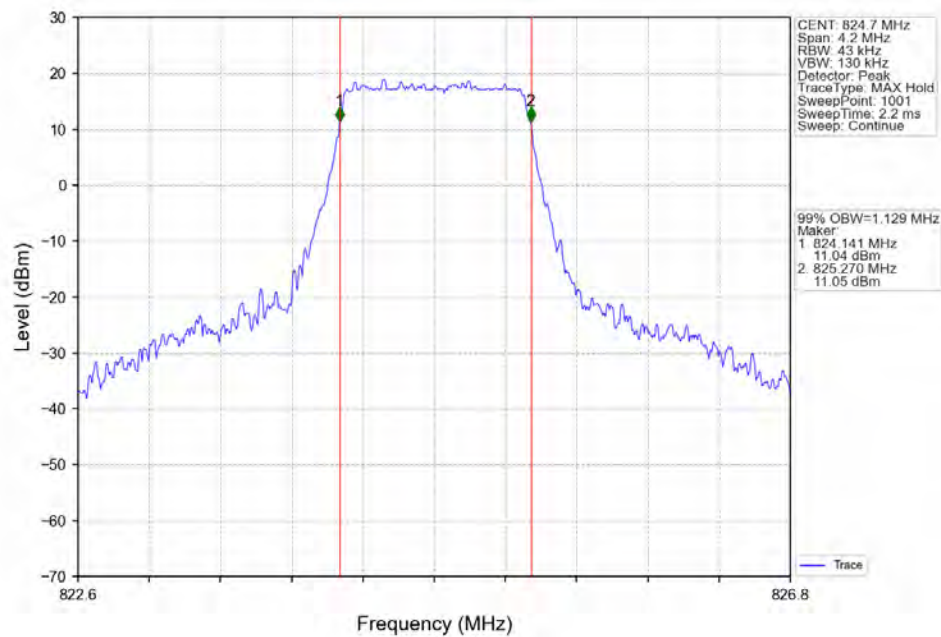
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



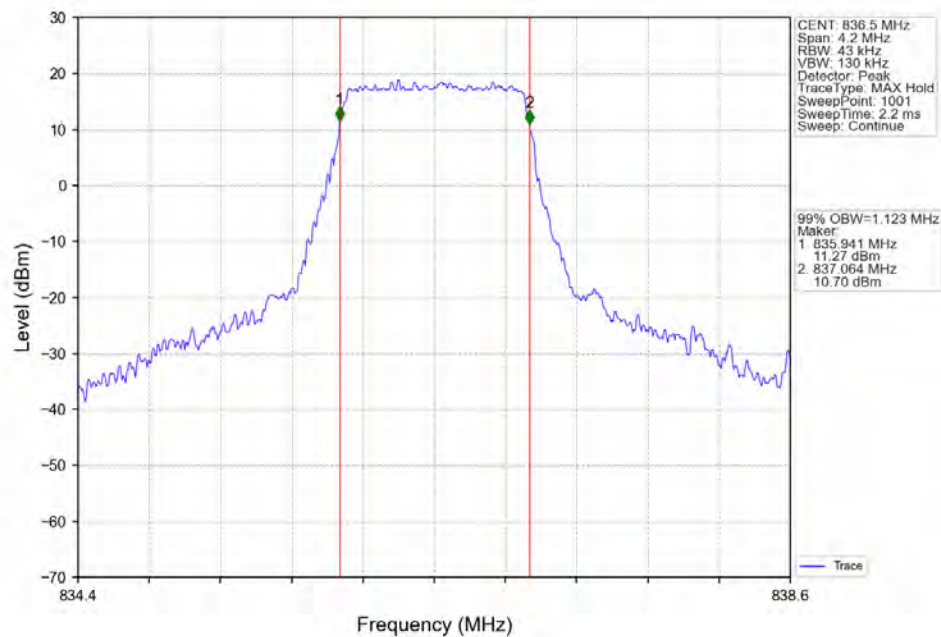
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



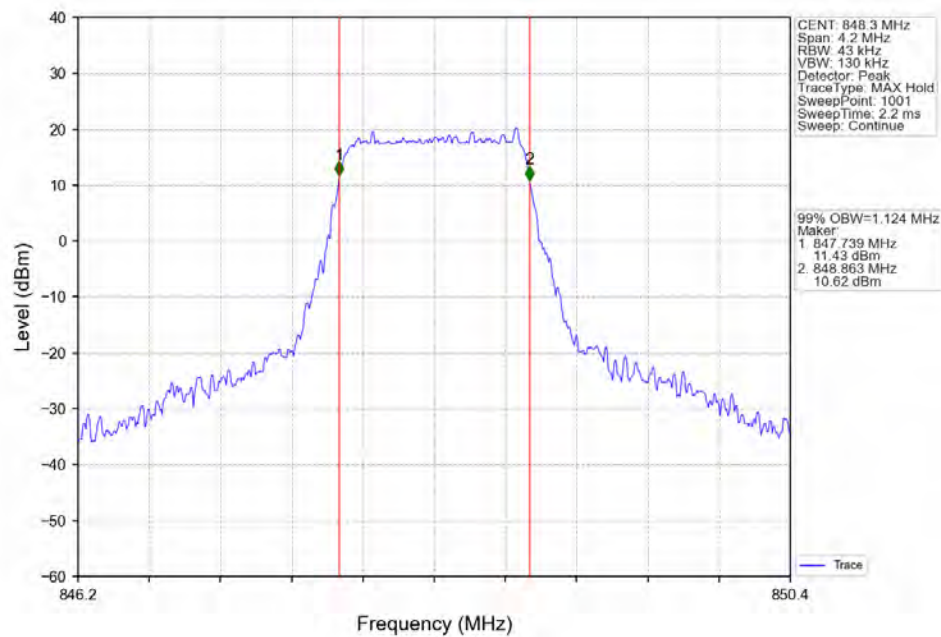
Band5 1.4MHz 64QAM LCH 824.7MHz RB 6 0 NTNV



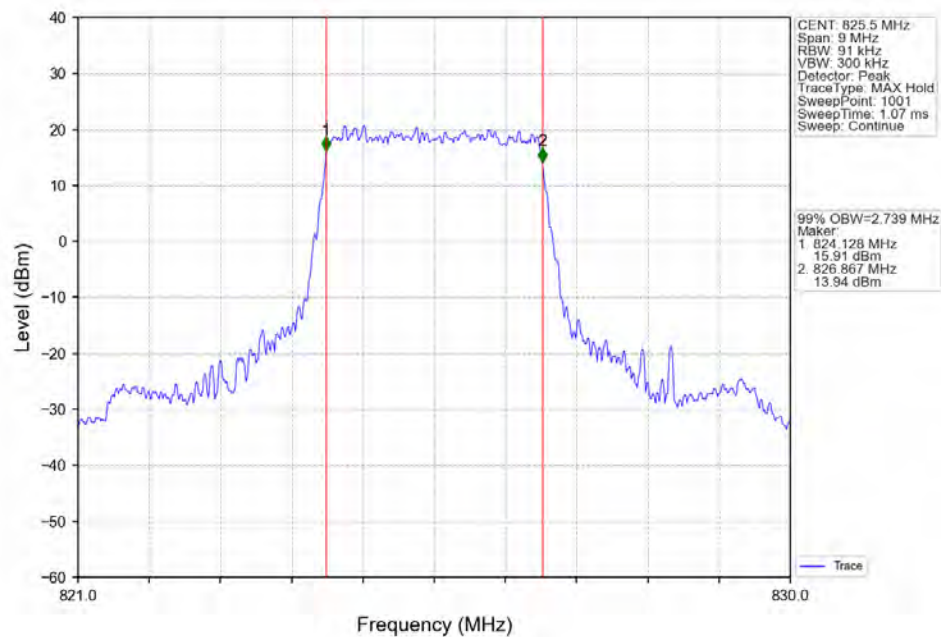
Band5 1.4MHz 64QAM MCH 836.5MHz RB 6 0 NTNV



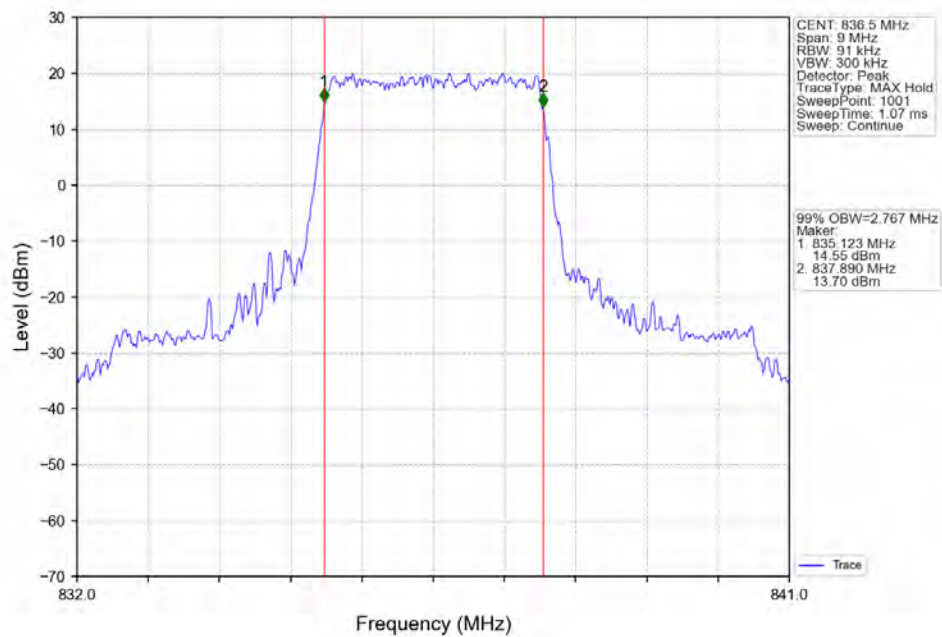
Band5 1.4MHz 64QAM HCH 848.3MHz RB 6 0 NTNV



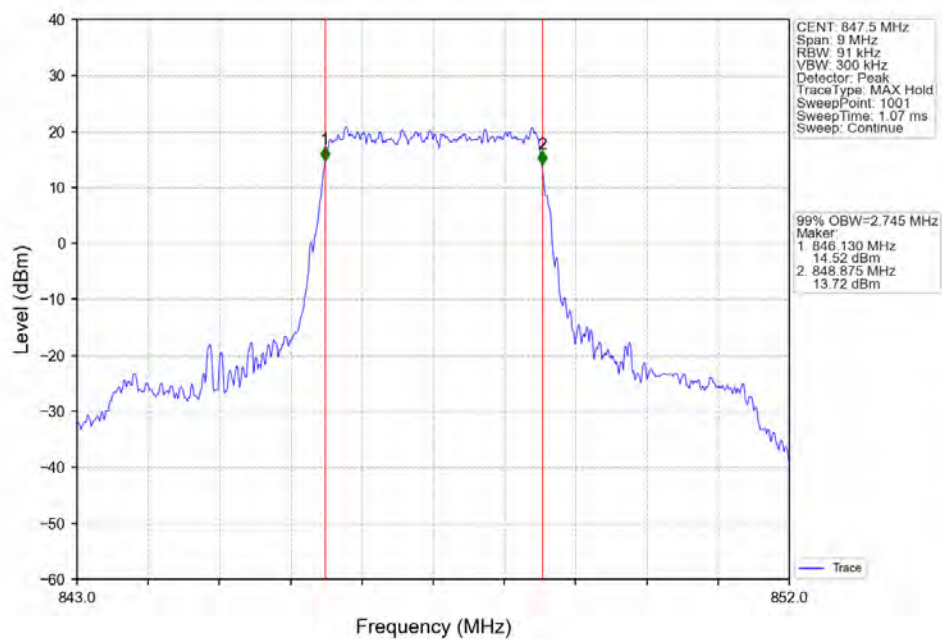
Band5_3MHz_QPSK_LCH 825.5MHz RB 15 0 NTNV



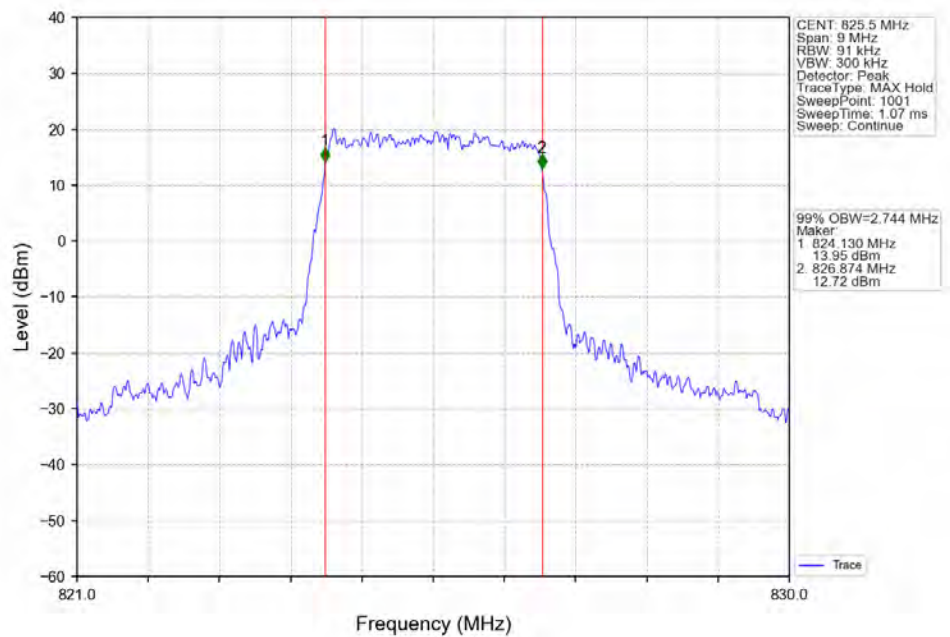
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



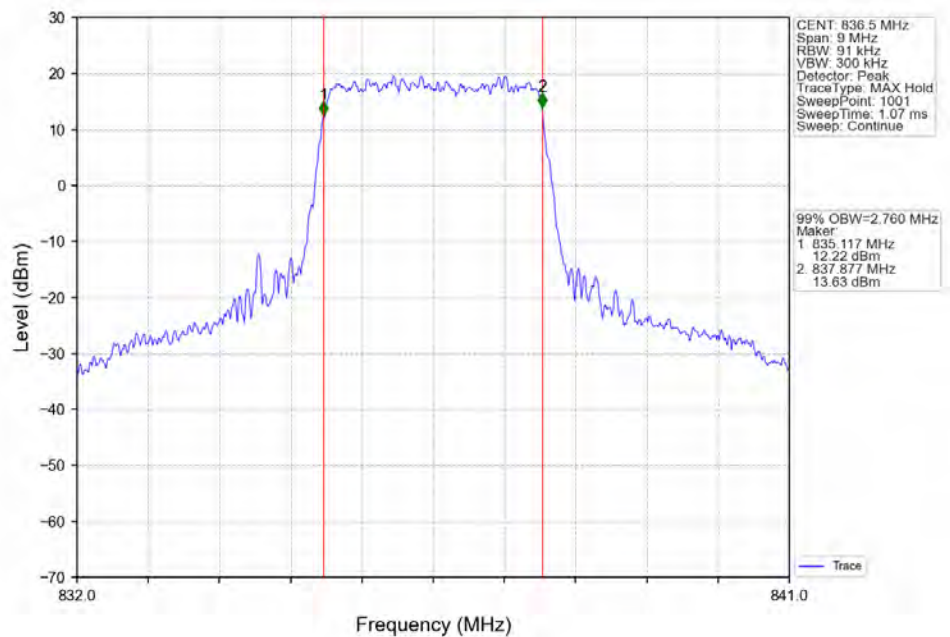
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



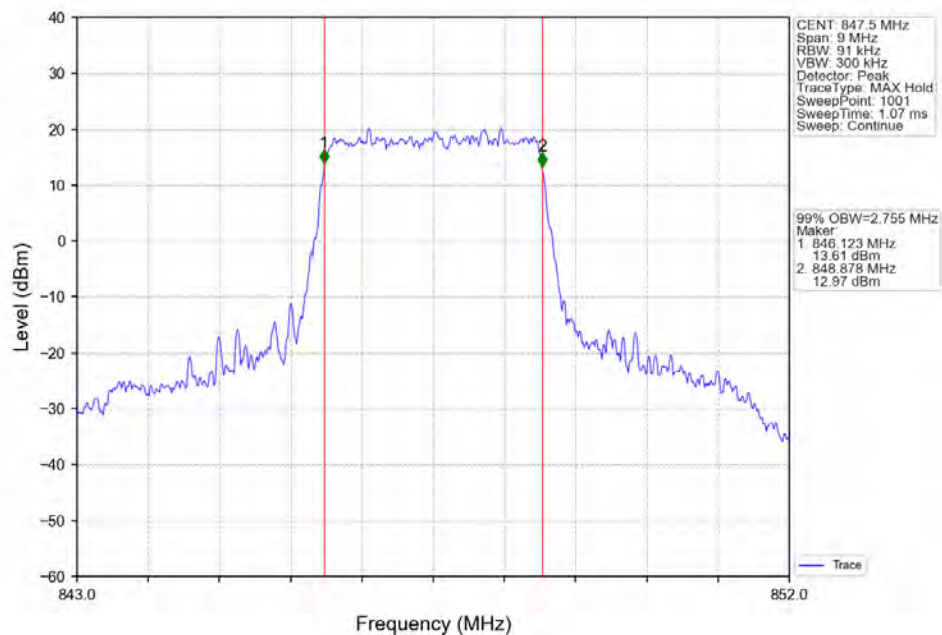
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTNV



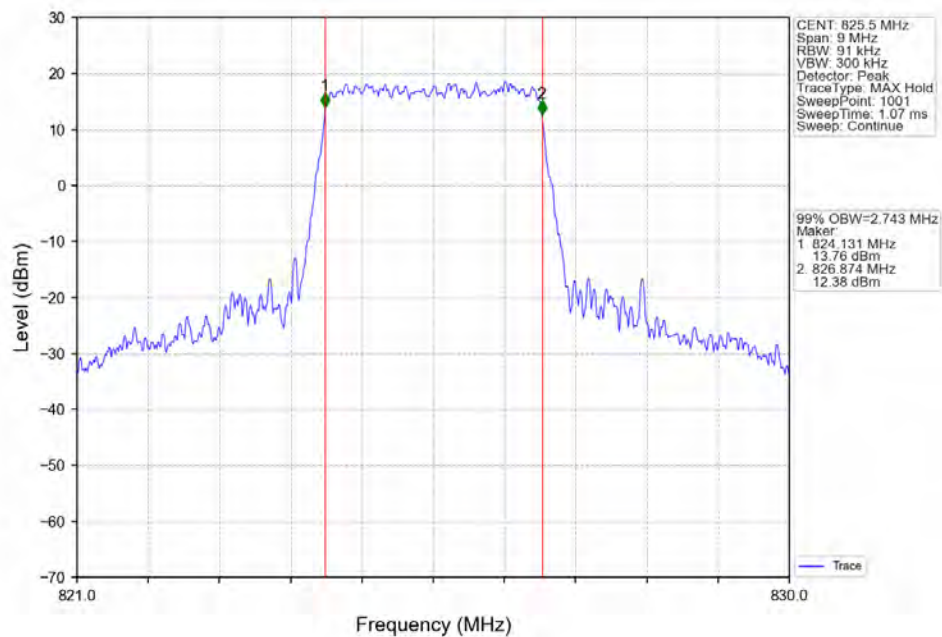
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



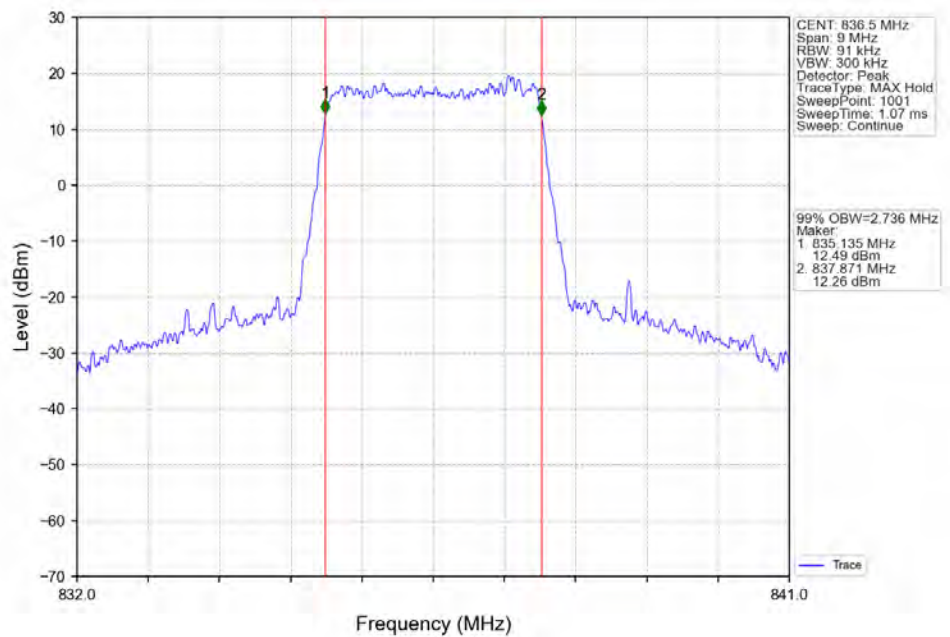
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



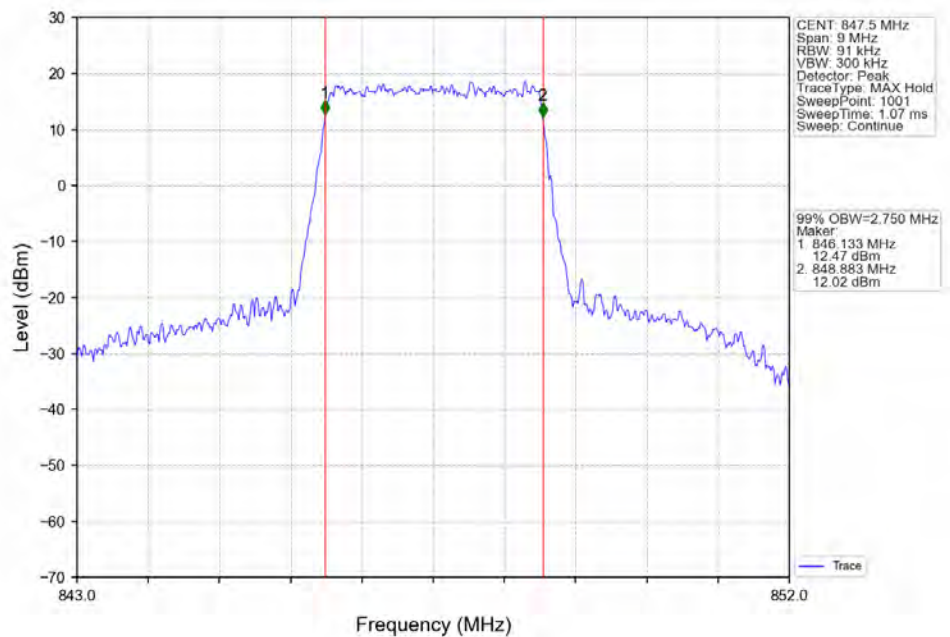
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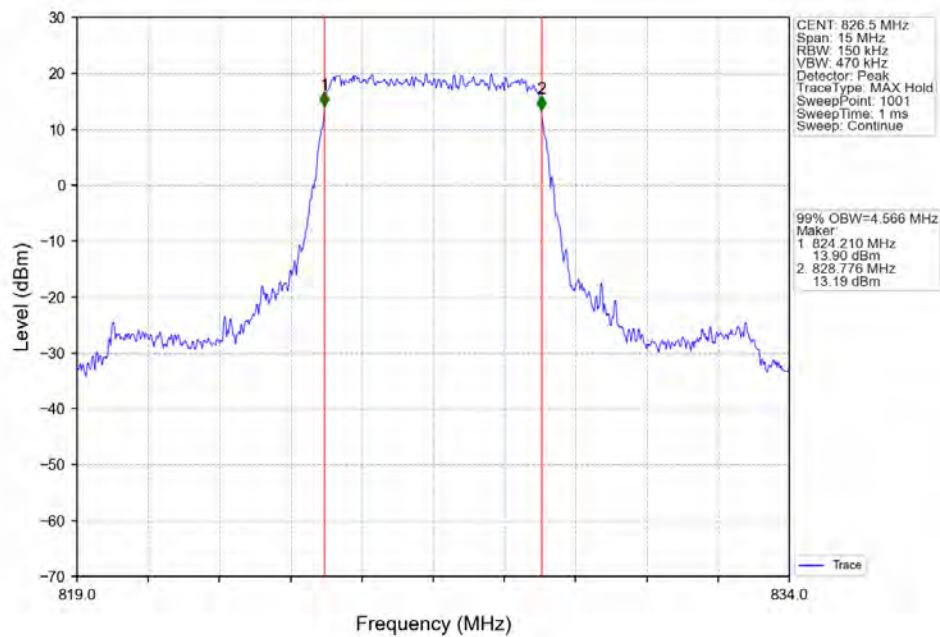
Band5 3MHz 64QAM MCH 836.5MHz RB 15 0 NTV



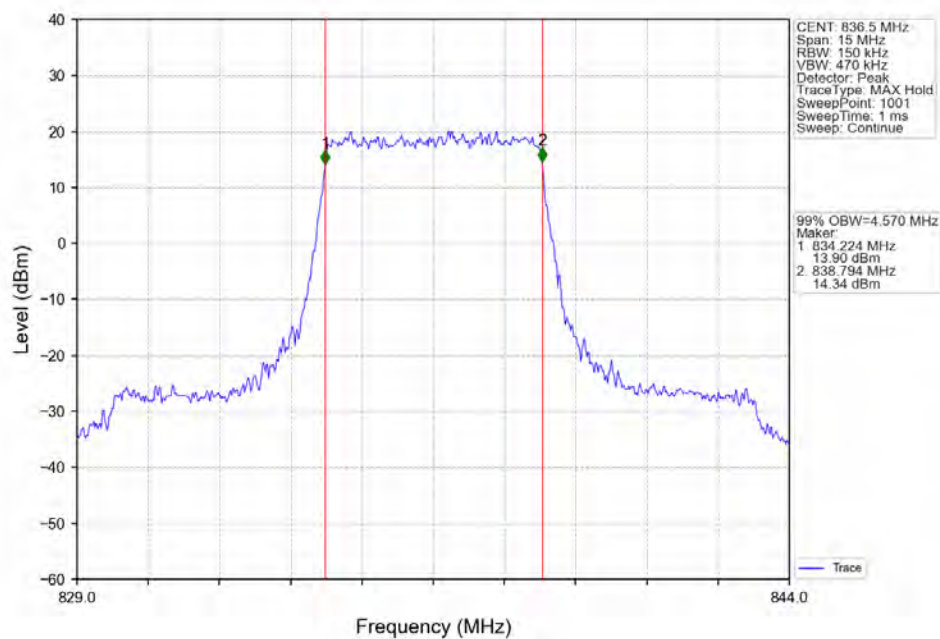
Band5 3MHz 64QAM HCH 847.5MHz RB 15 0 NTV



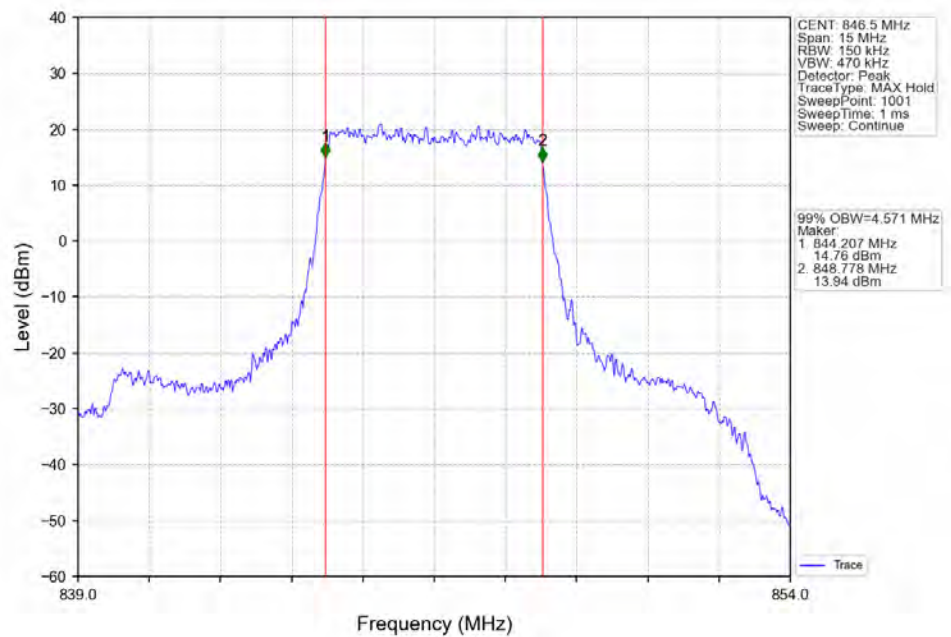
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



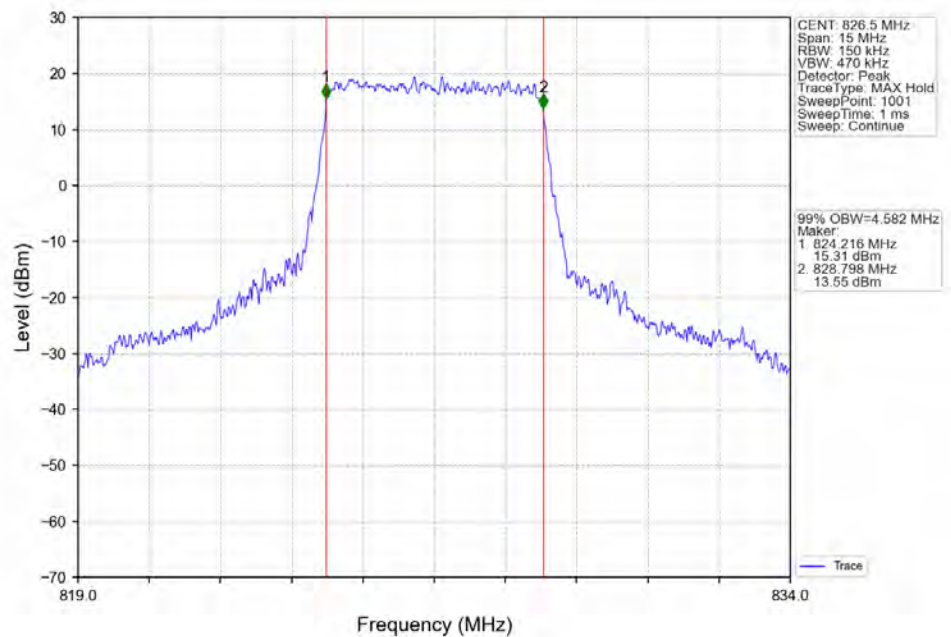
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



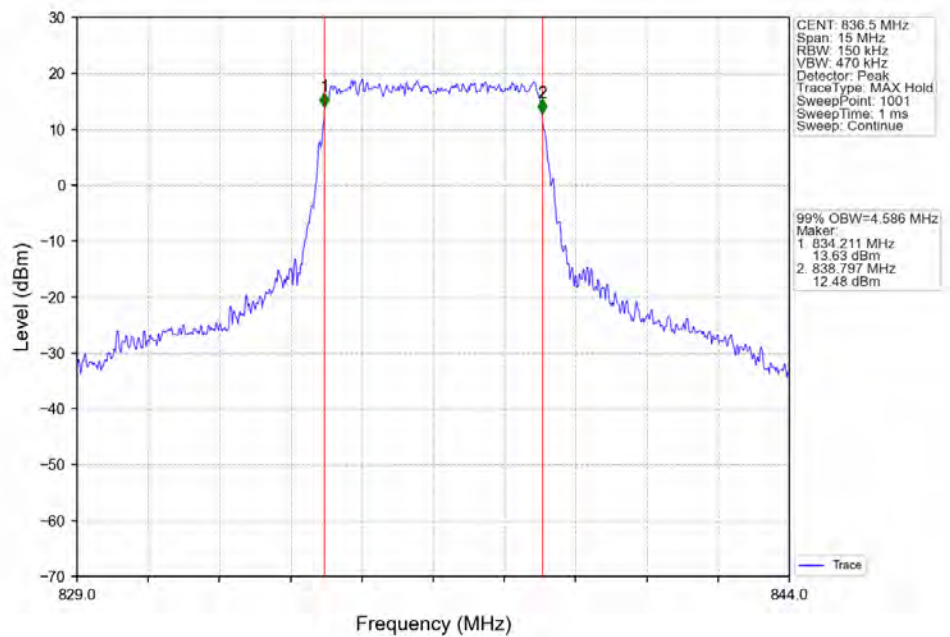
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



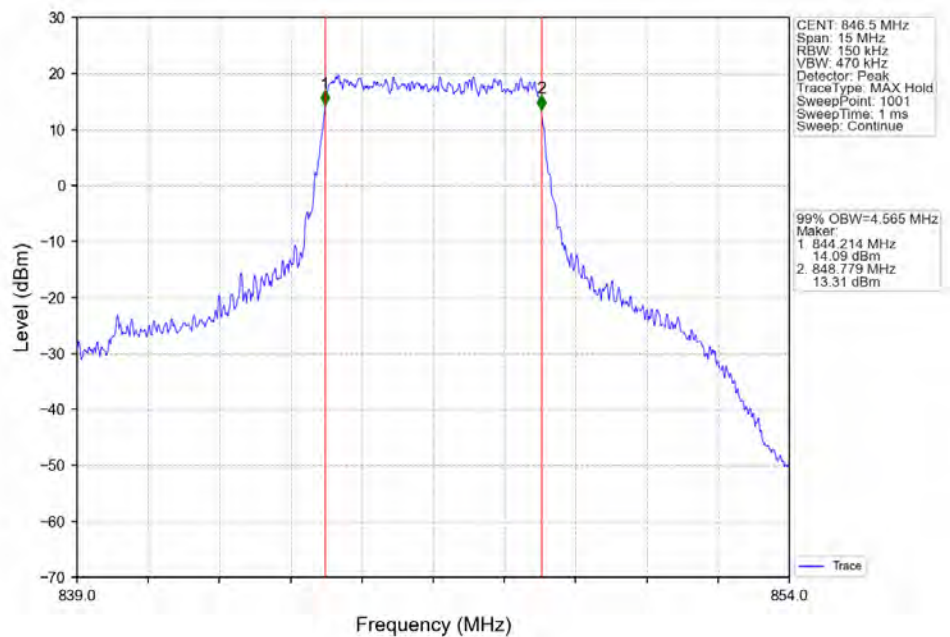
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



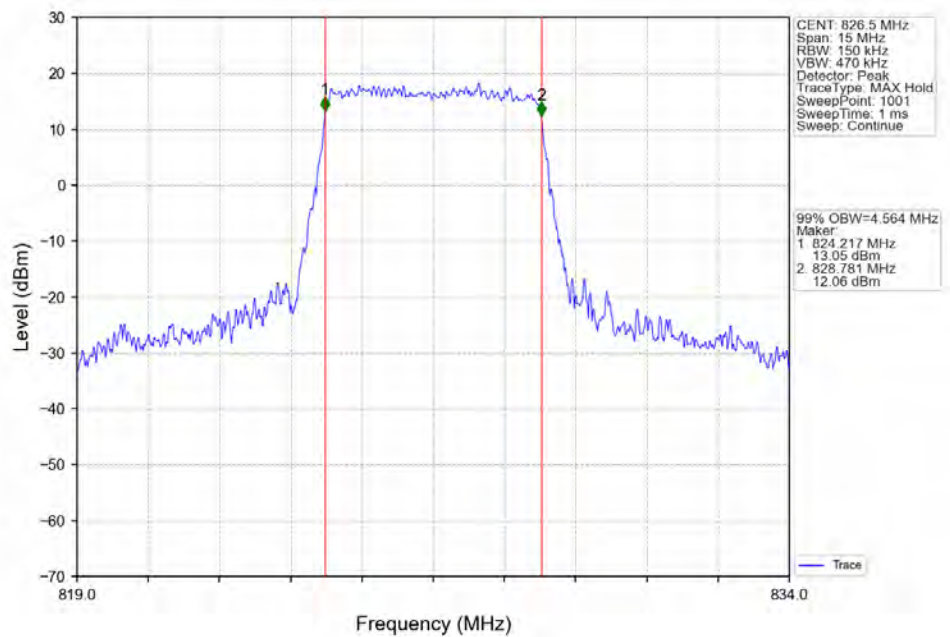
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



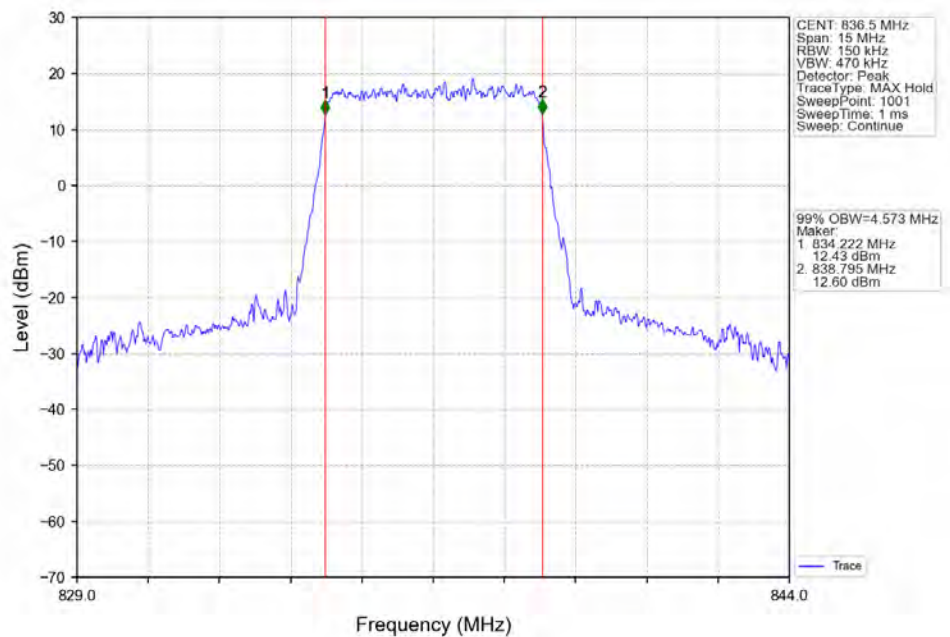
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



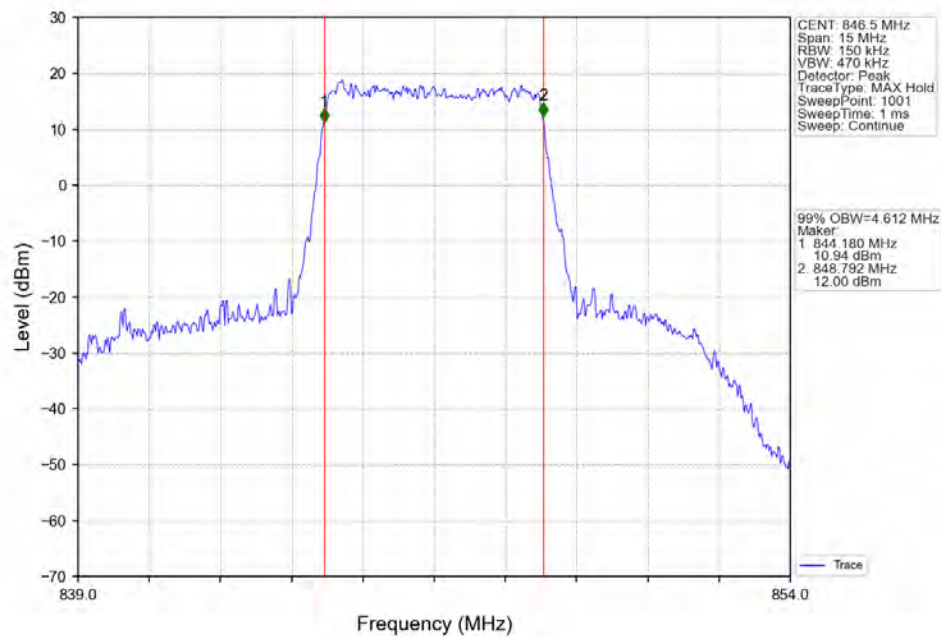
Band5 5MHz 64QAM LCH 826.5MHz RB 25 0 NTNV



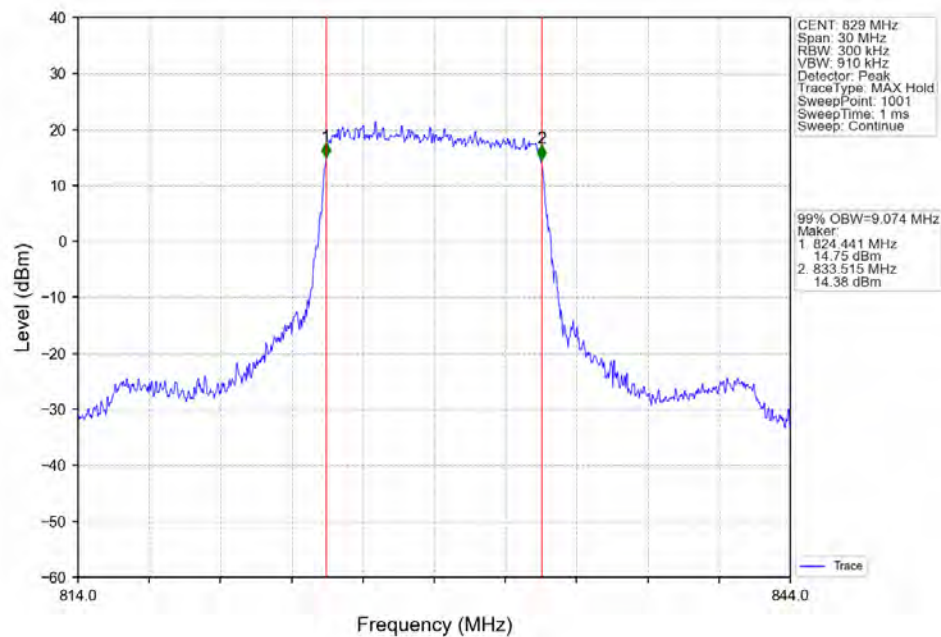
Band5 5MHz 64QAM MCH 836.5MHz RB 25 0 NTNV



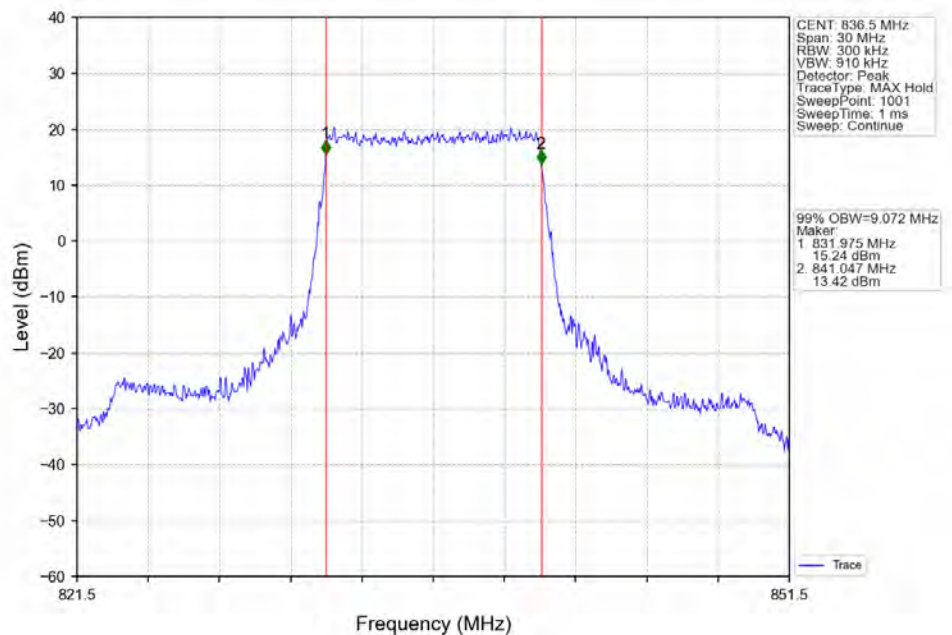
Band5 5MHz 64QAM HCH 846.5MHz RB 25 0 NTNV



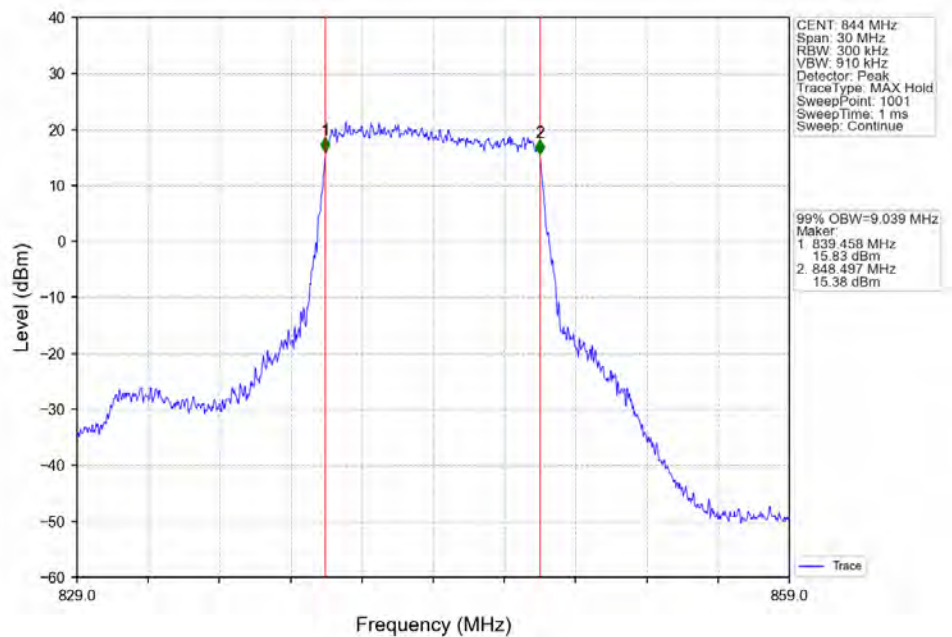
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



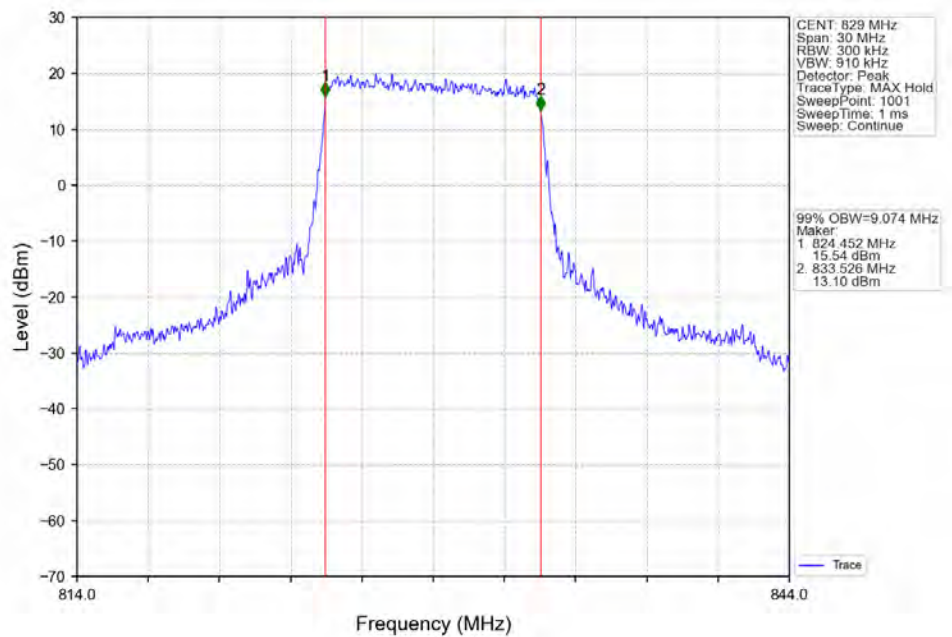
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



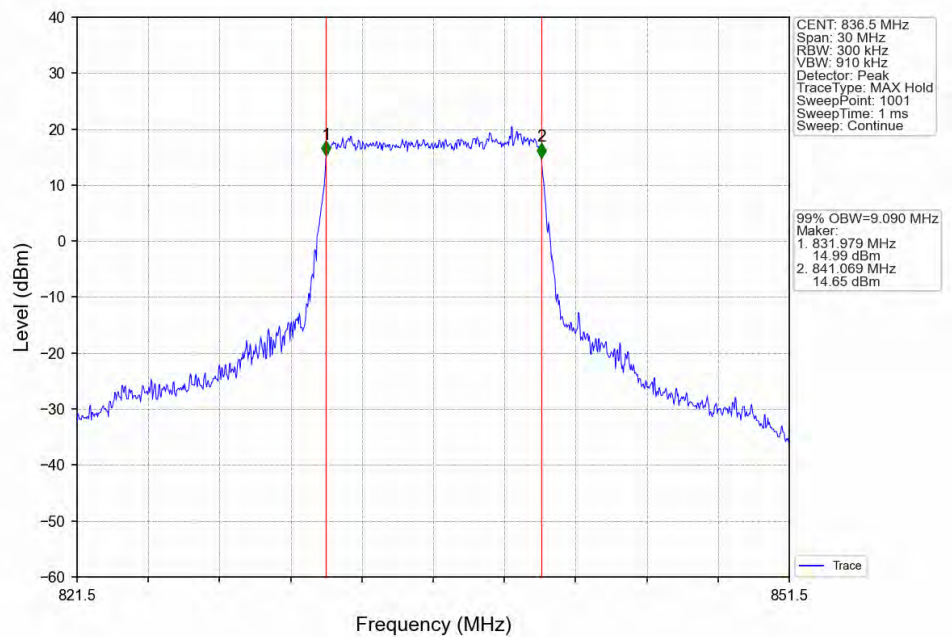
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



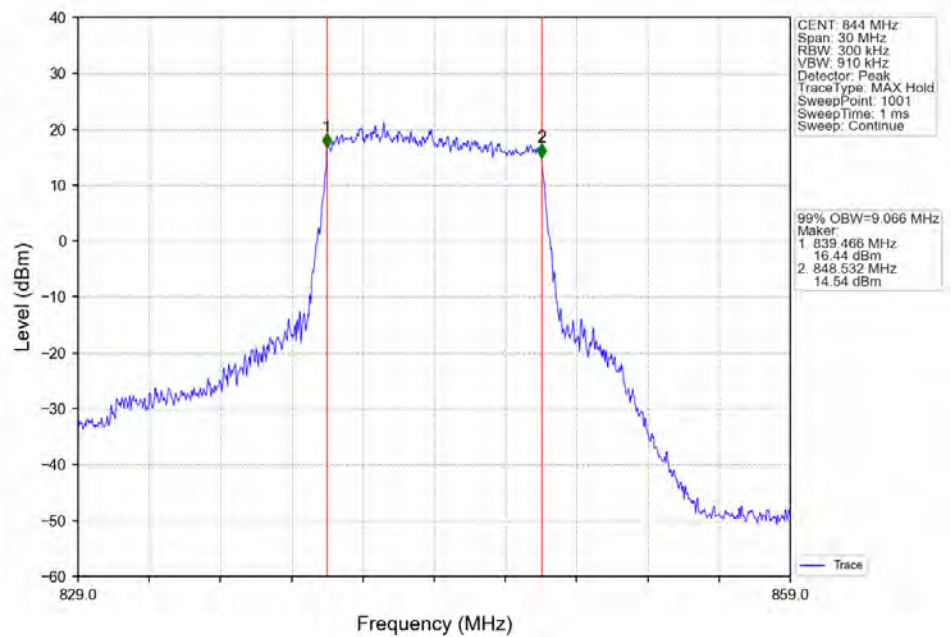
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



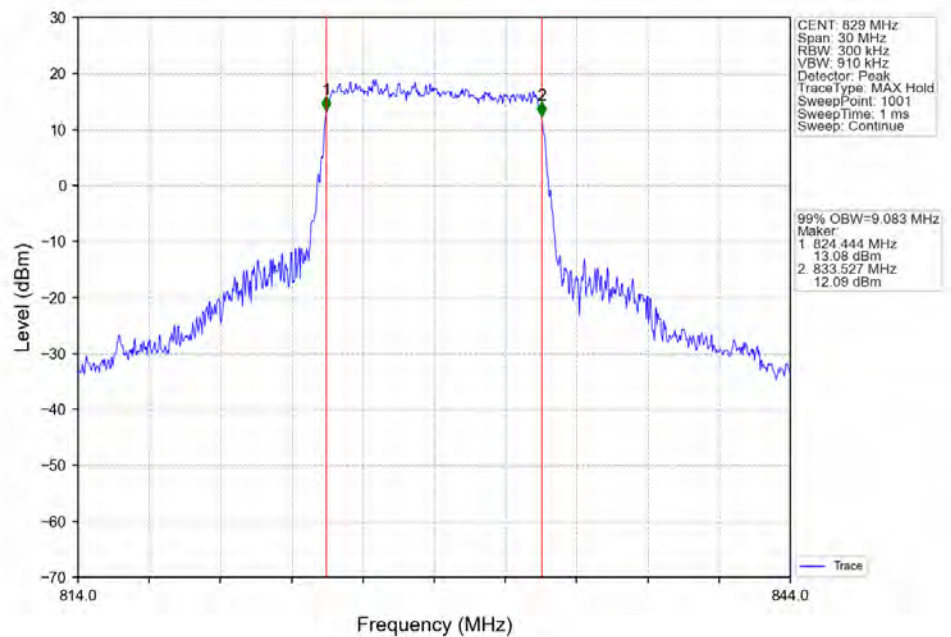
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



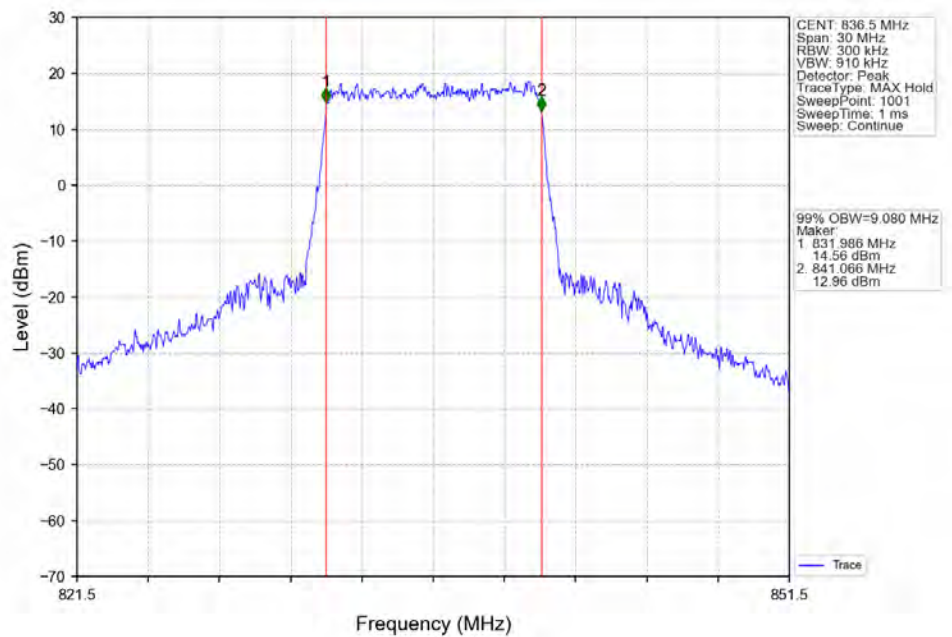
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



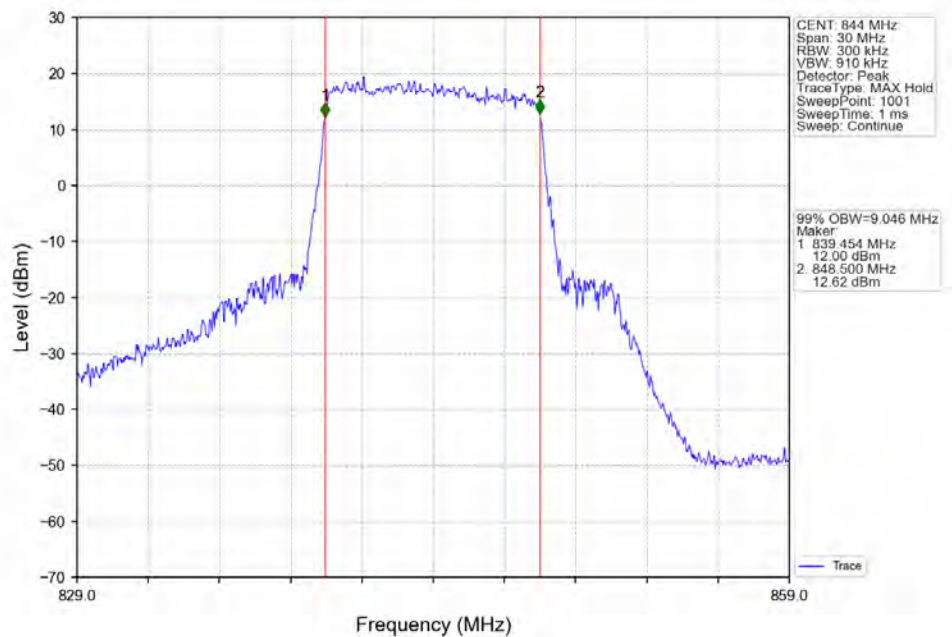
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



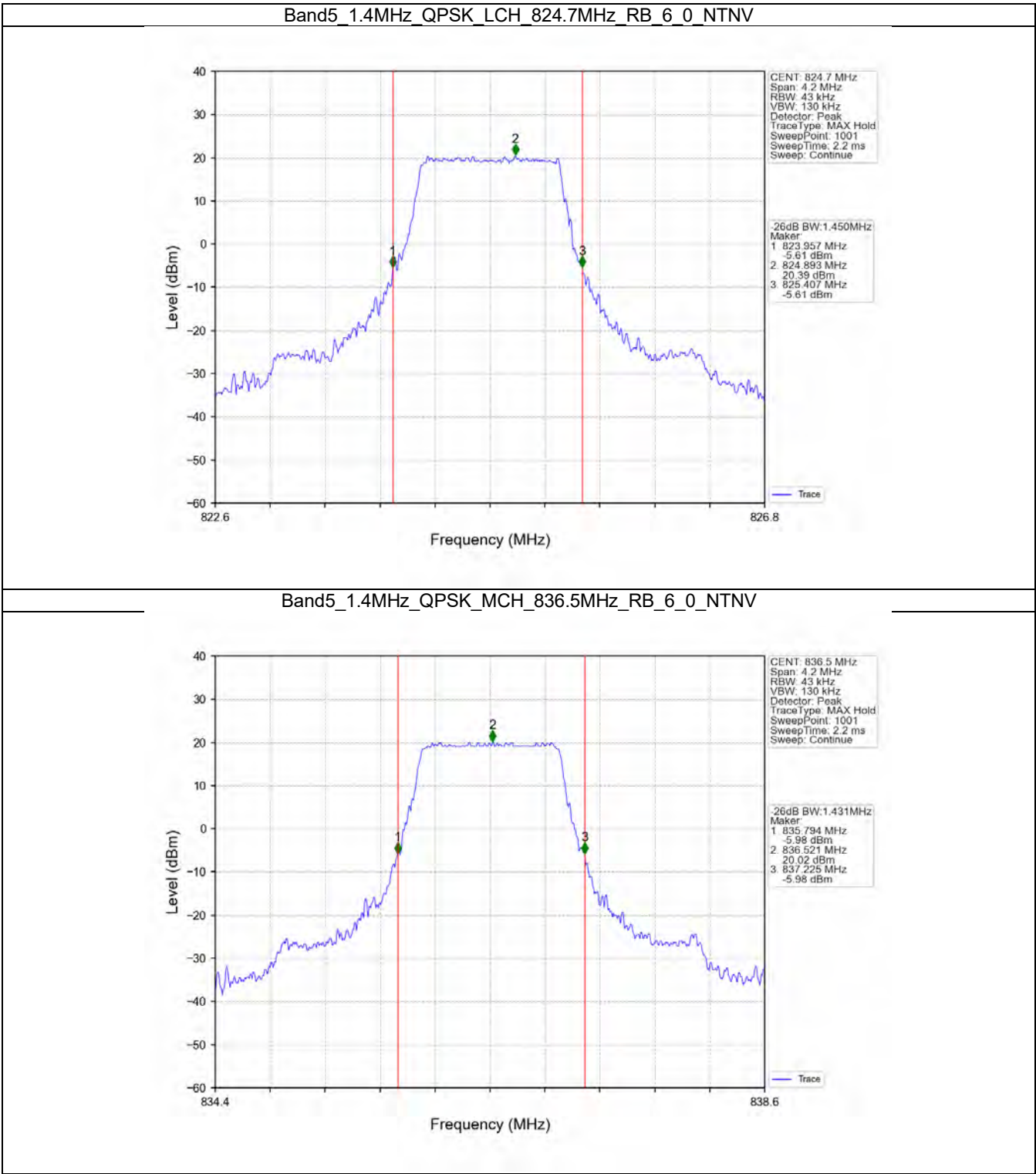
Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



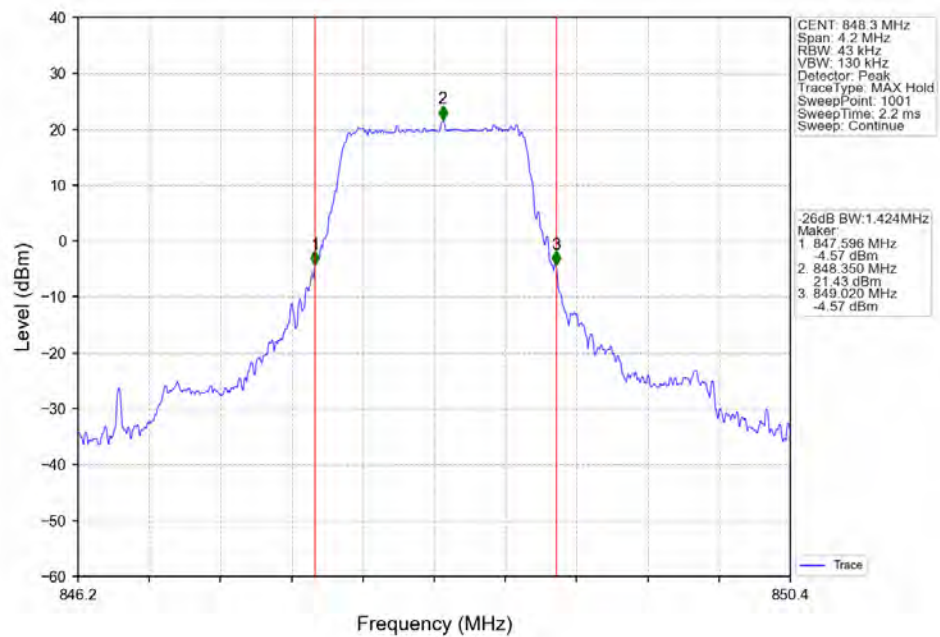
Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



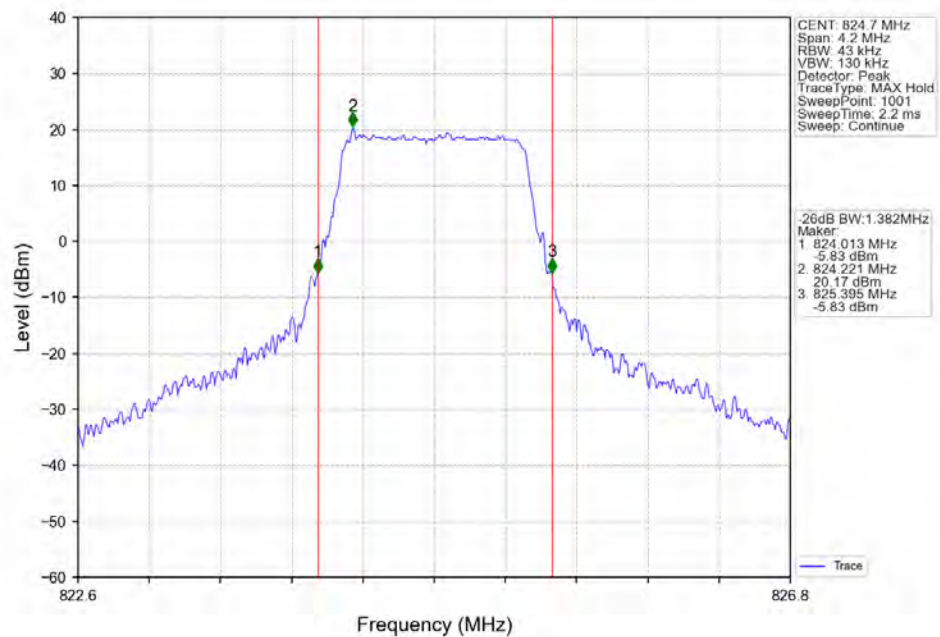
3.2.2 Band5_XDB



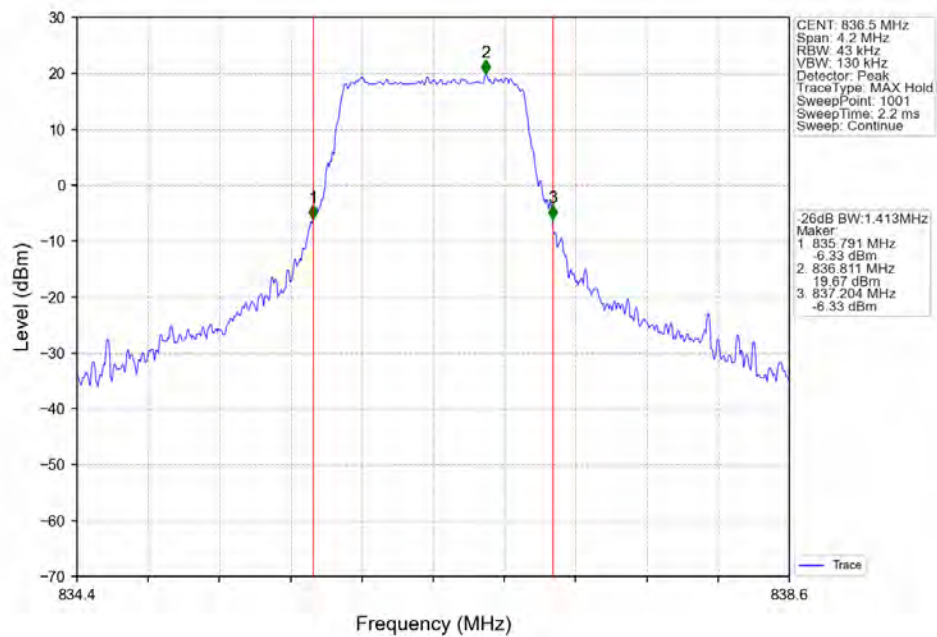
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



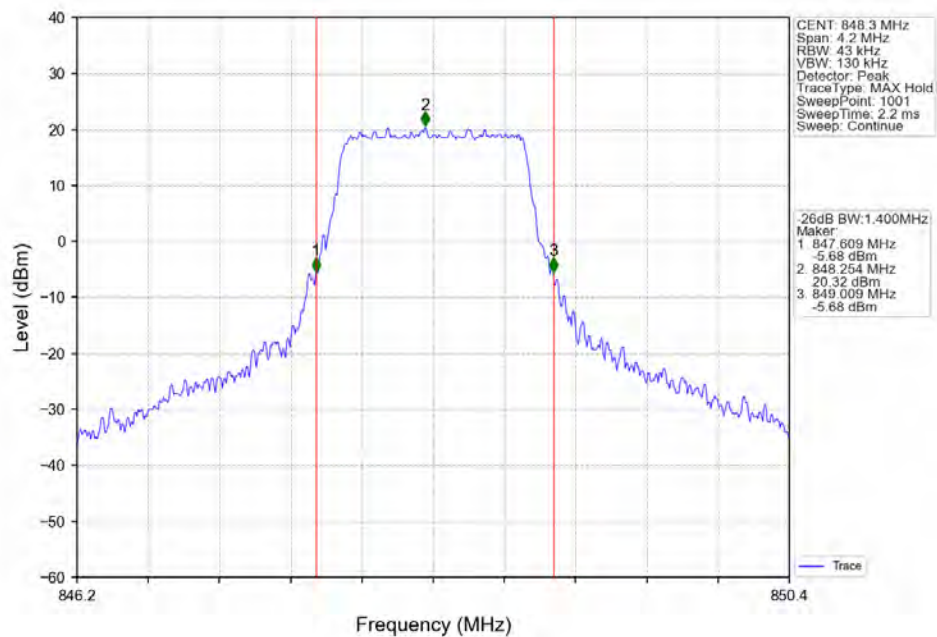
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



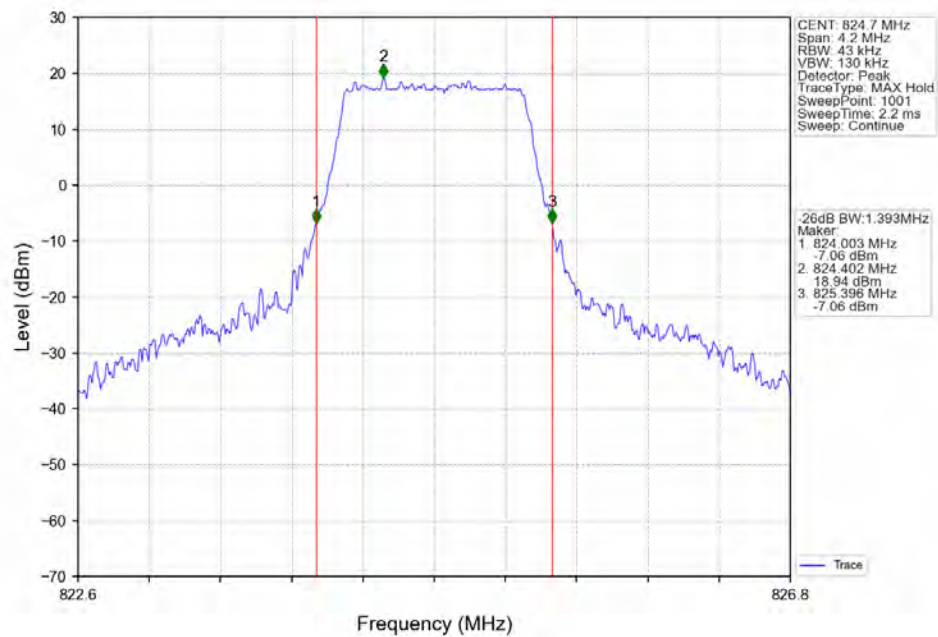
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



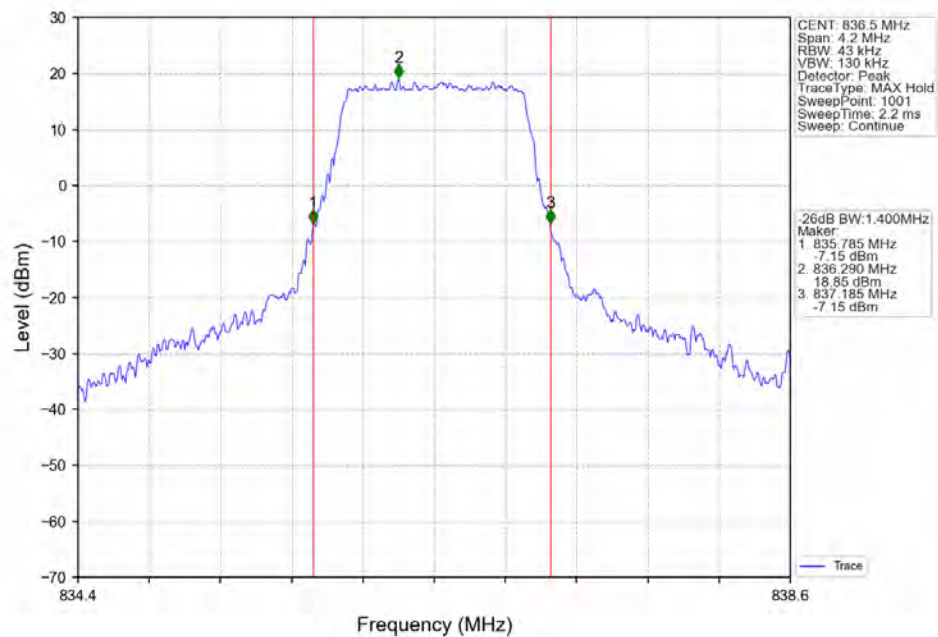
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



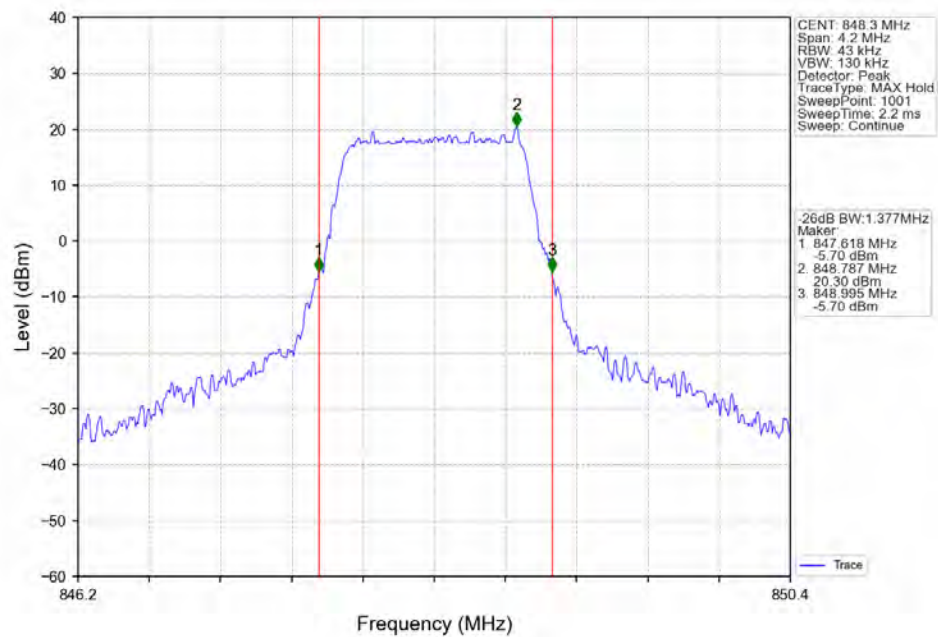
Band5 1.4MHz 64QAM LCH 824.7MHz RB 6 0 NTNV



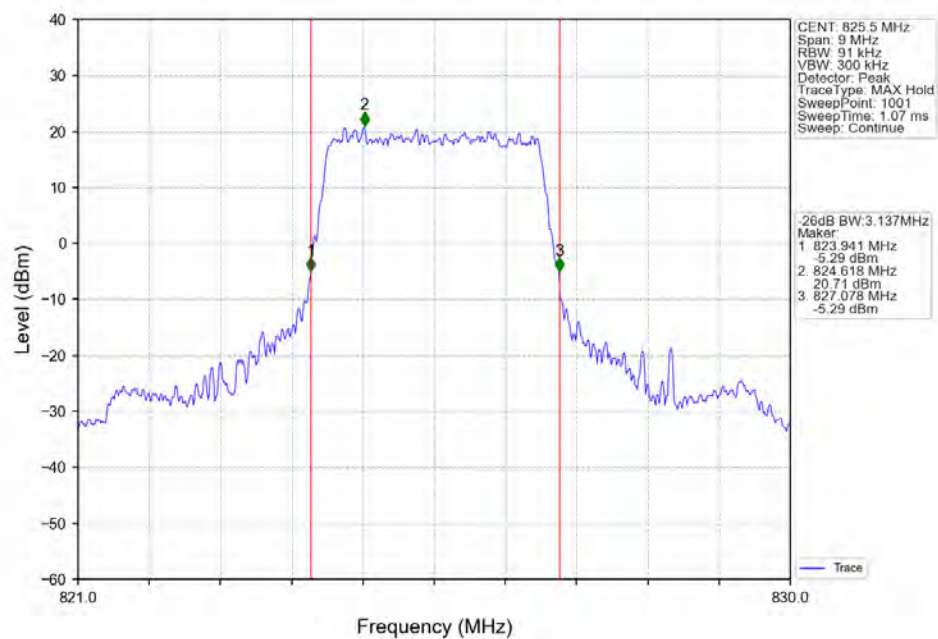
Band5 1.4MHz 64QAM MCH 836.5MHz RB 6 0 NTNV



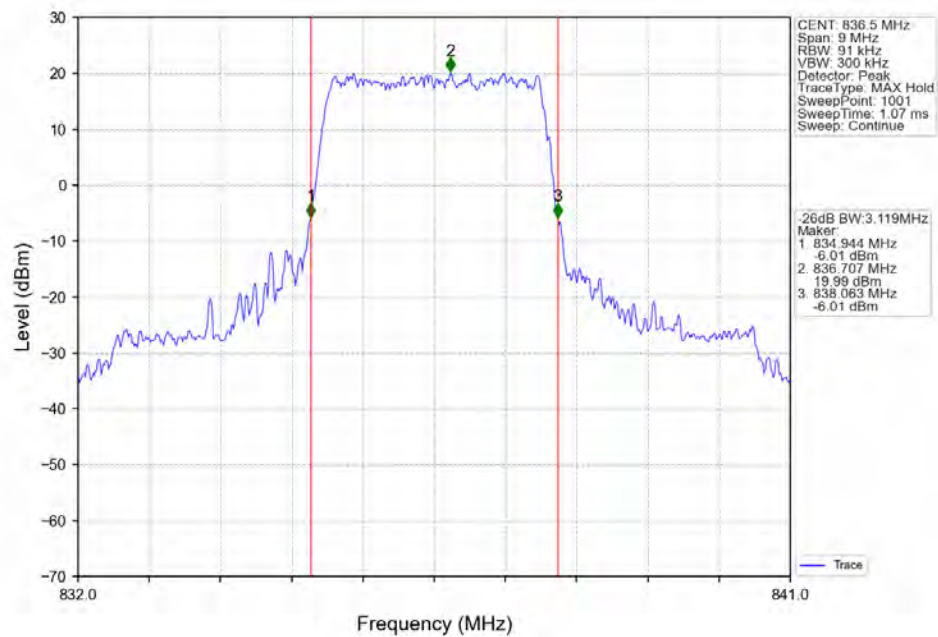
Band5 1.4MHz 64QAM HCH 848.3MHz RB 6 0 NTNV



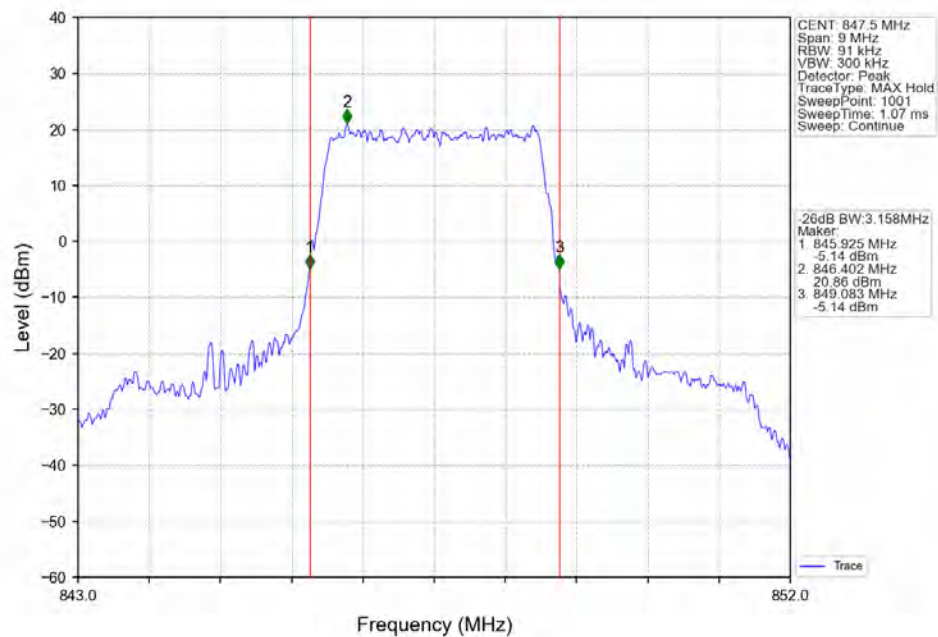
Band5_3MHz_QPSK_LCH 825.5MHz RB 15 0 NTNV



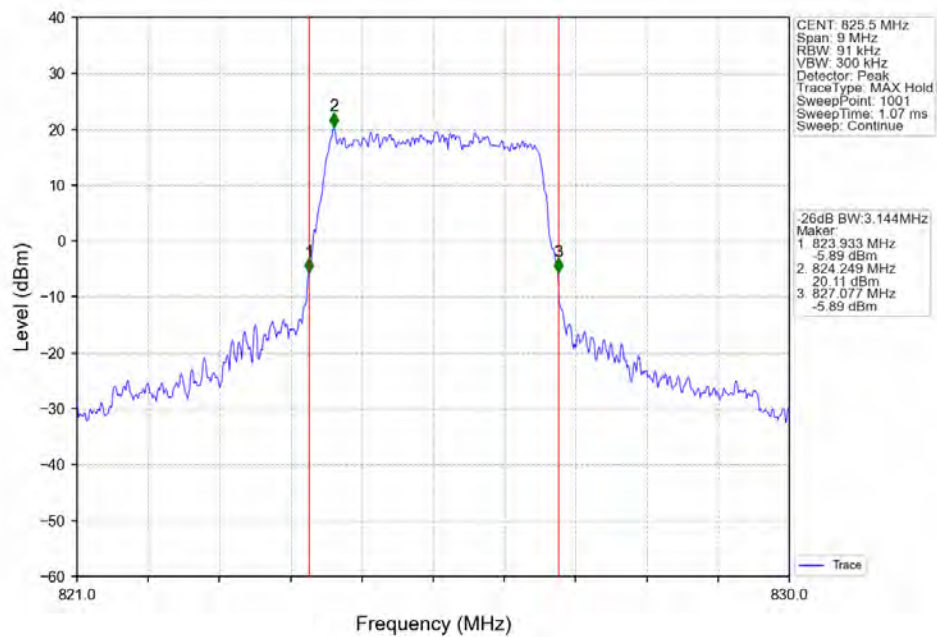
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



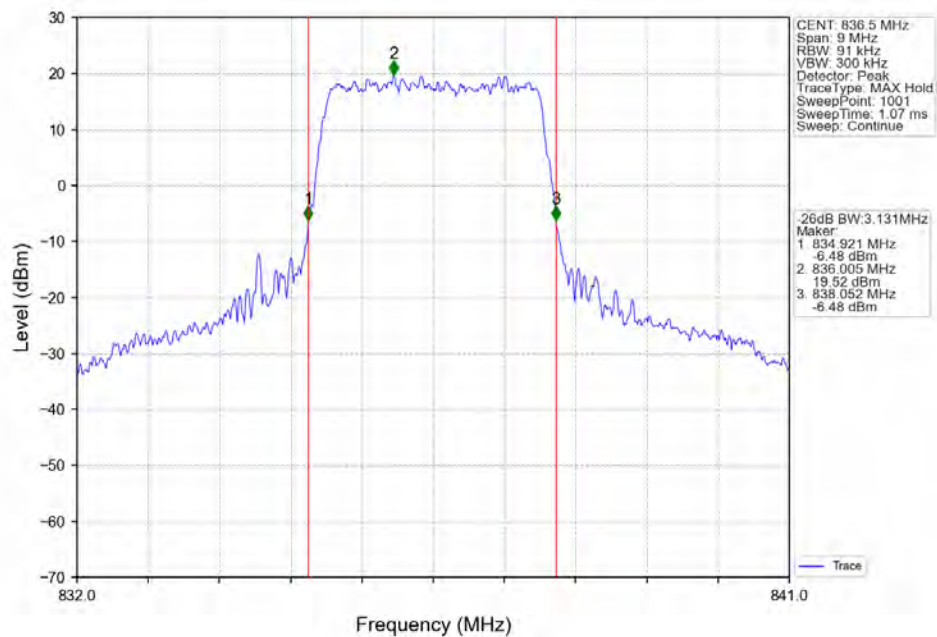
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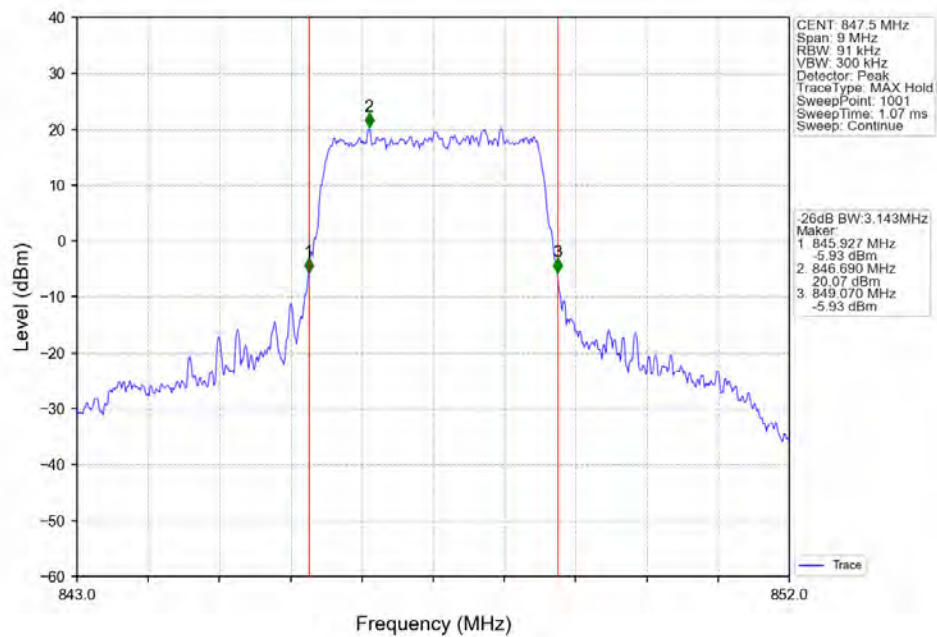
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTNV



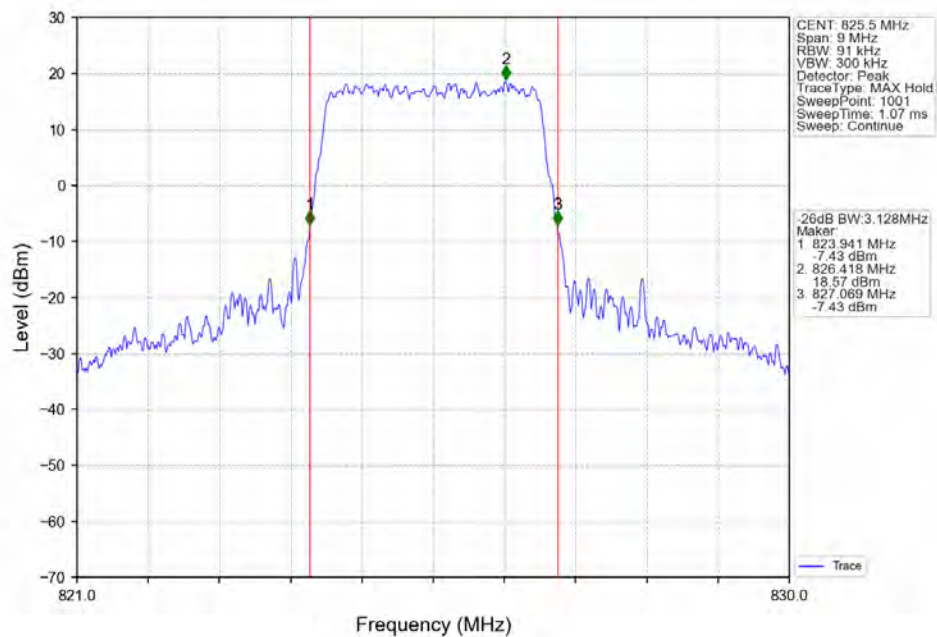
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



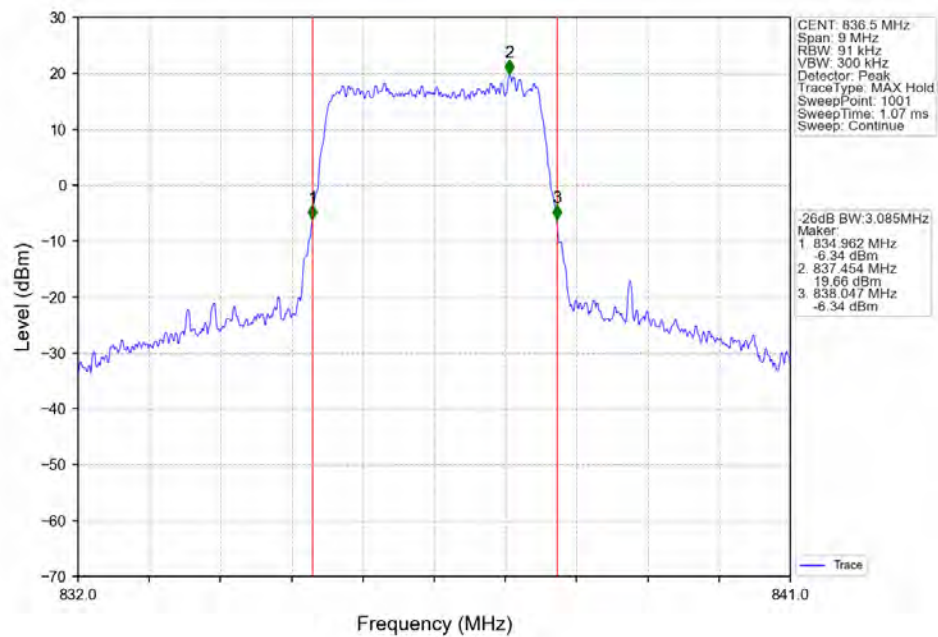
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



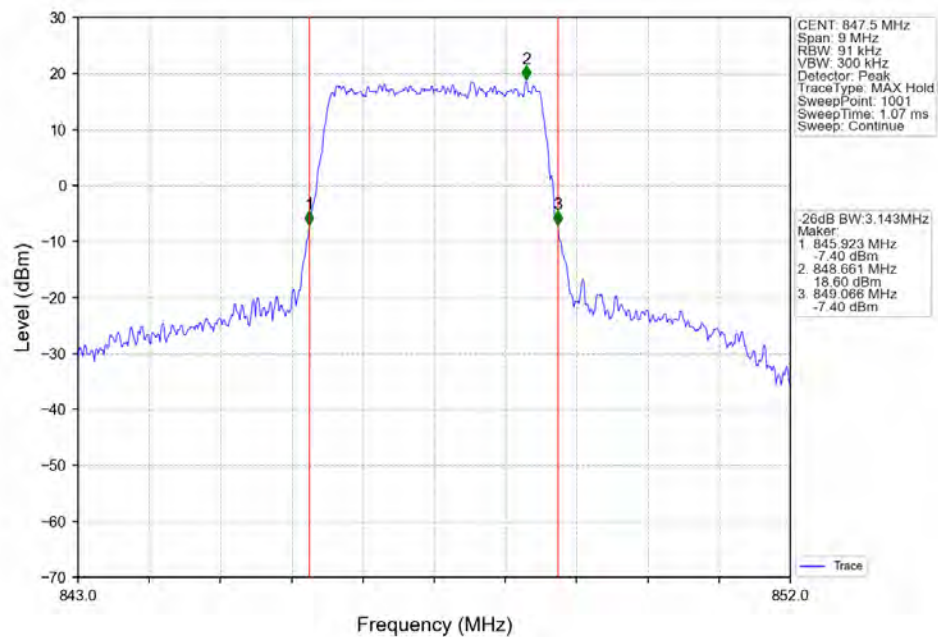
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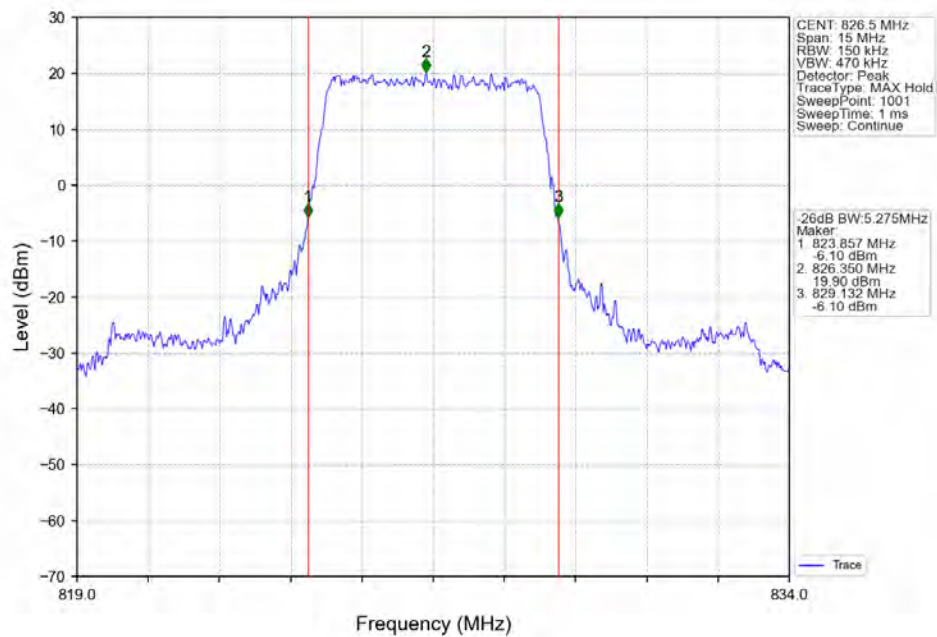
Band5 3MHz 64QAM MCH 836.5MHz RB 15 0 NTNV



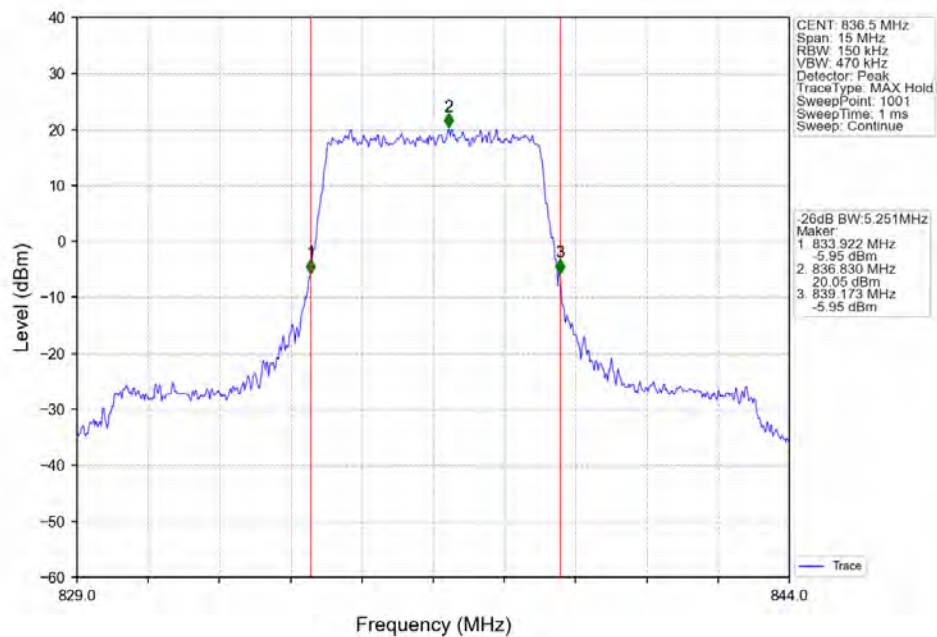
Band5 3MHz 64QAM HCH 847.5MHz RB 15 0 NTNV



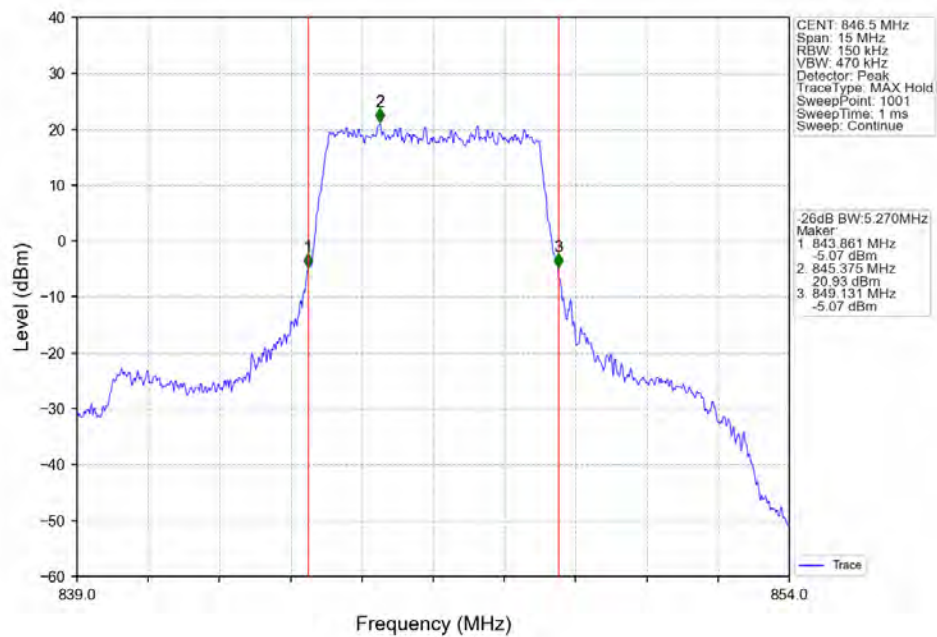
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



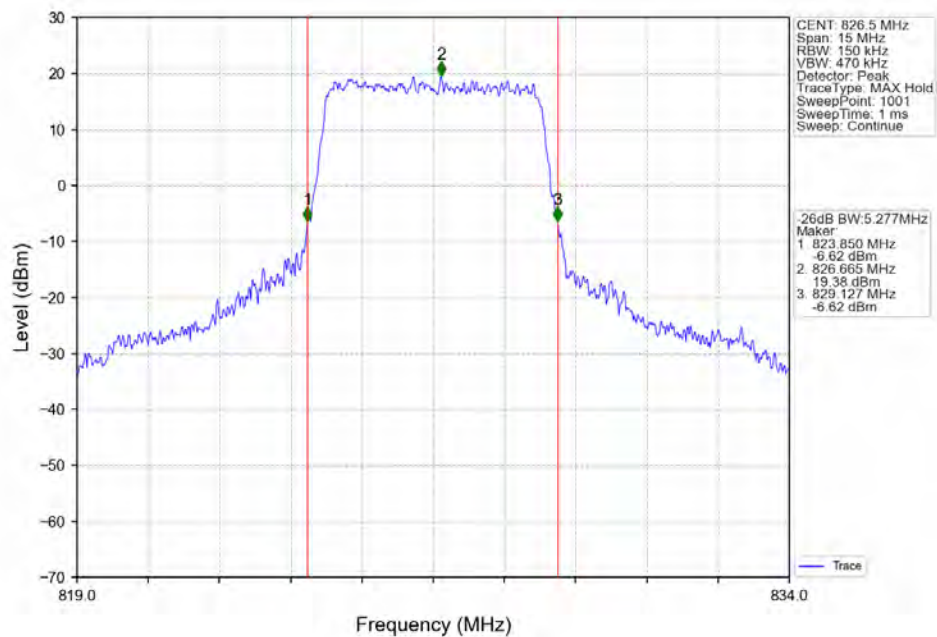
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



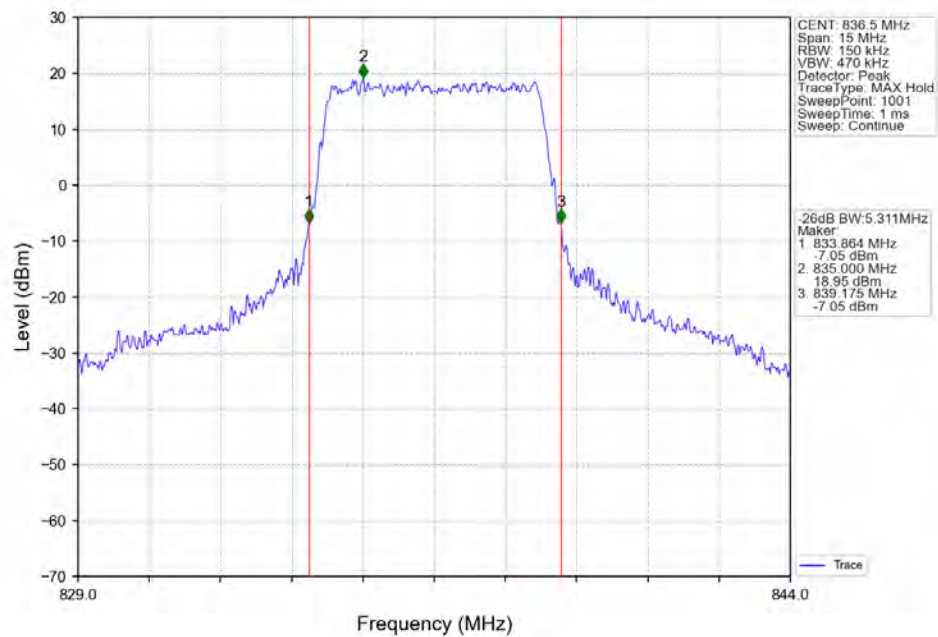
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



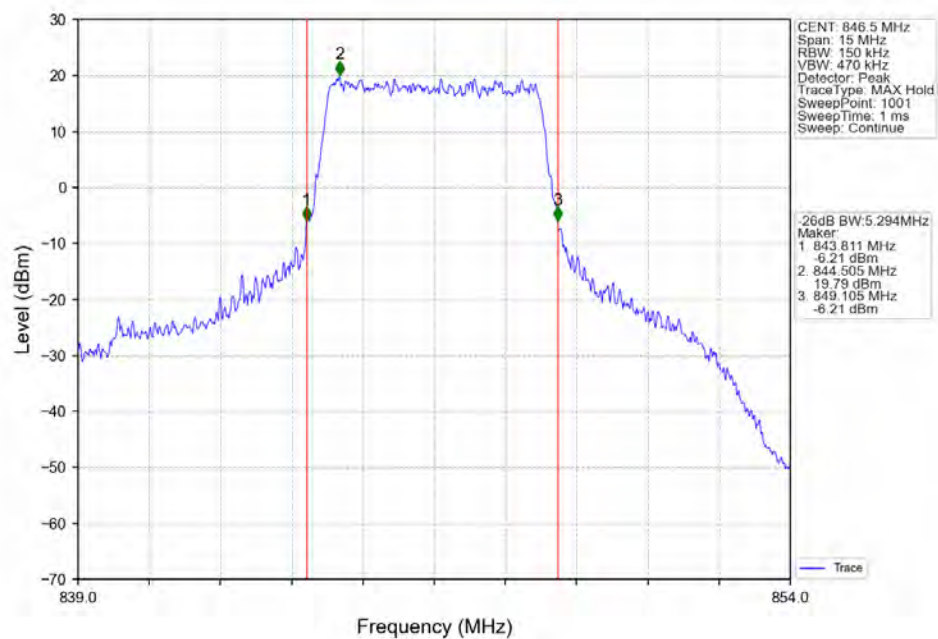
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



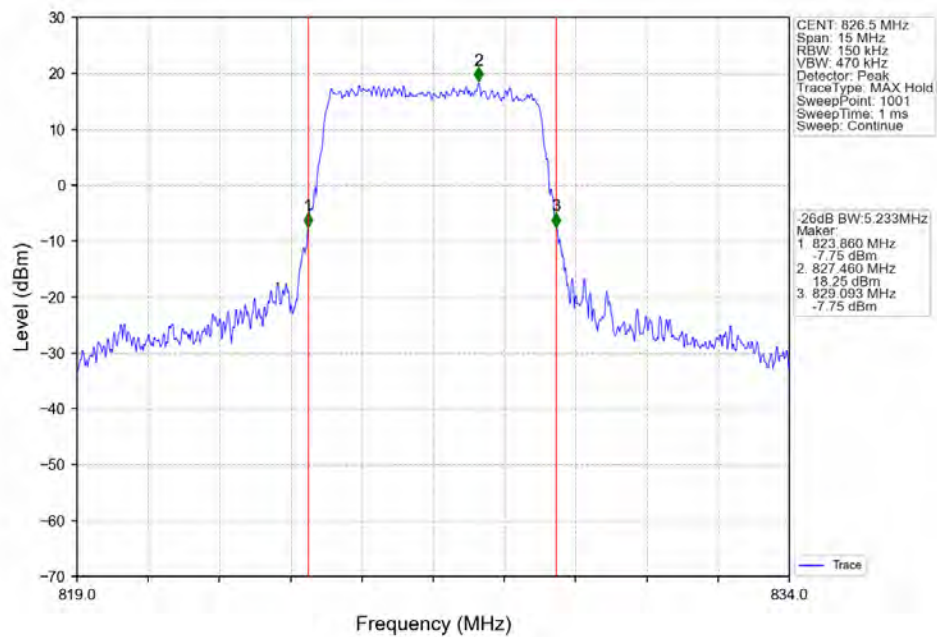
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



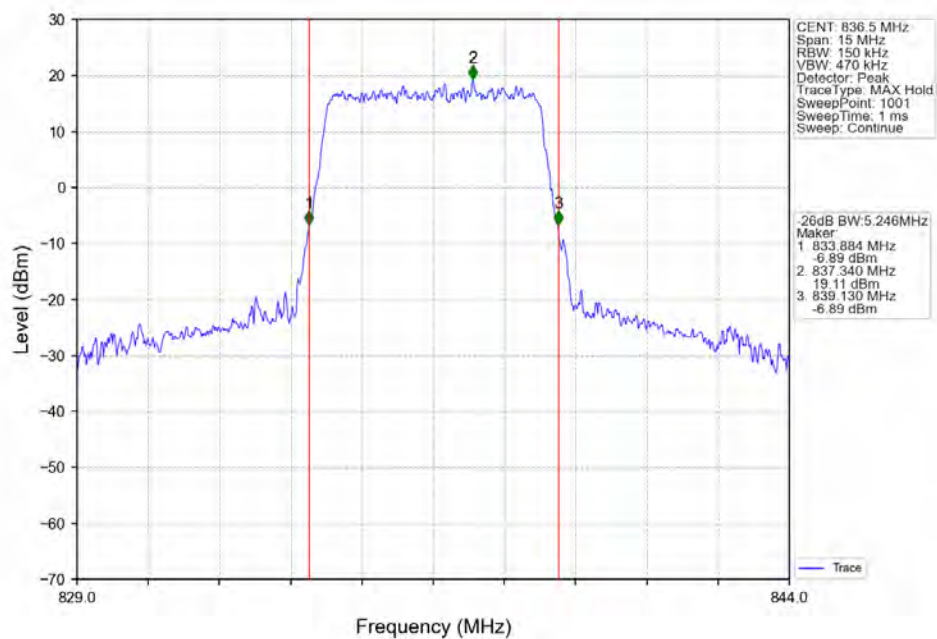
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



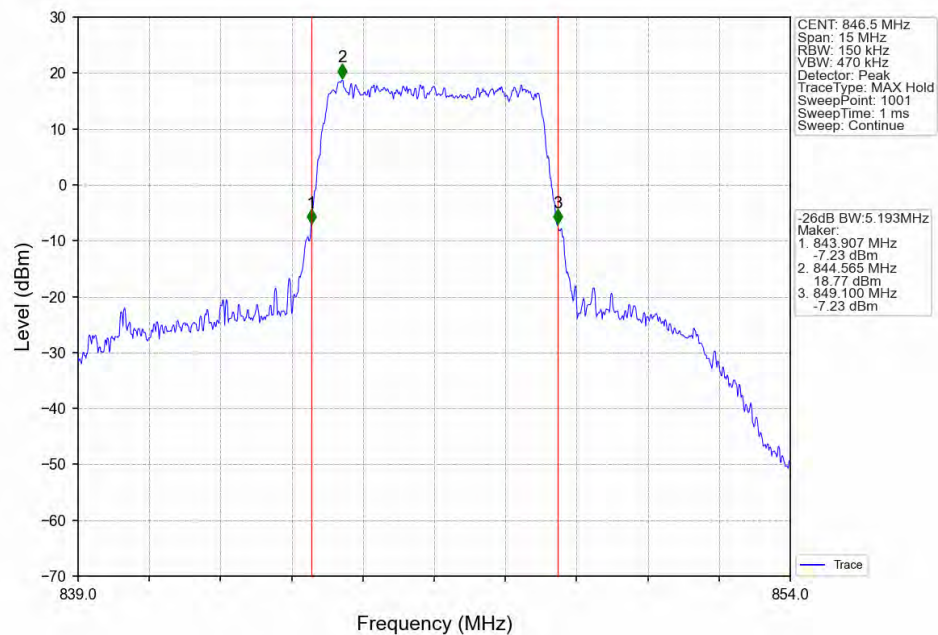
Band5 5MHz 64QAM LCH 826.5MHz RB 25 0 NTNV



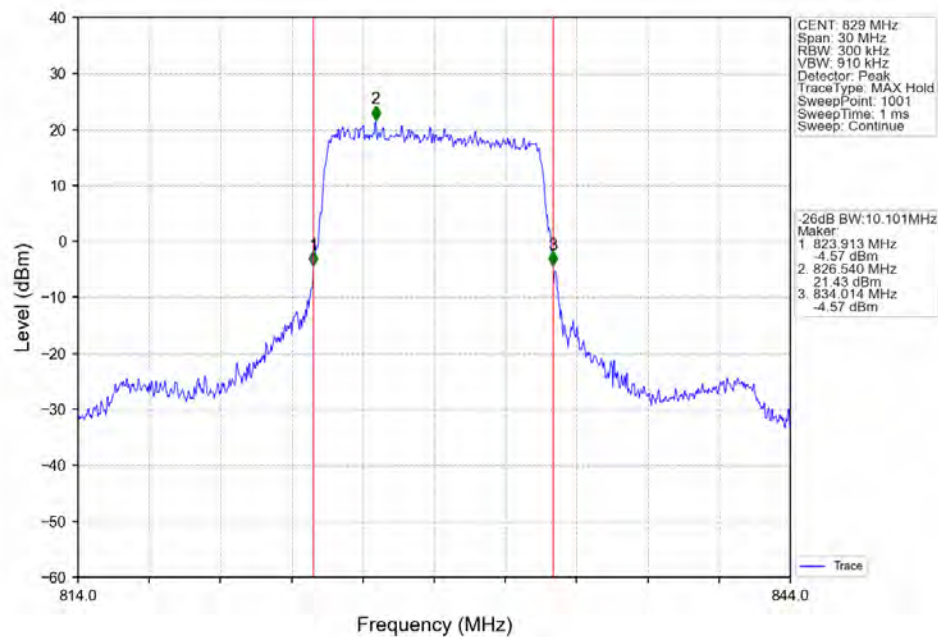
Band5 5MHz 64QAM MCH 836.5MHz RB 25 0 NTNV



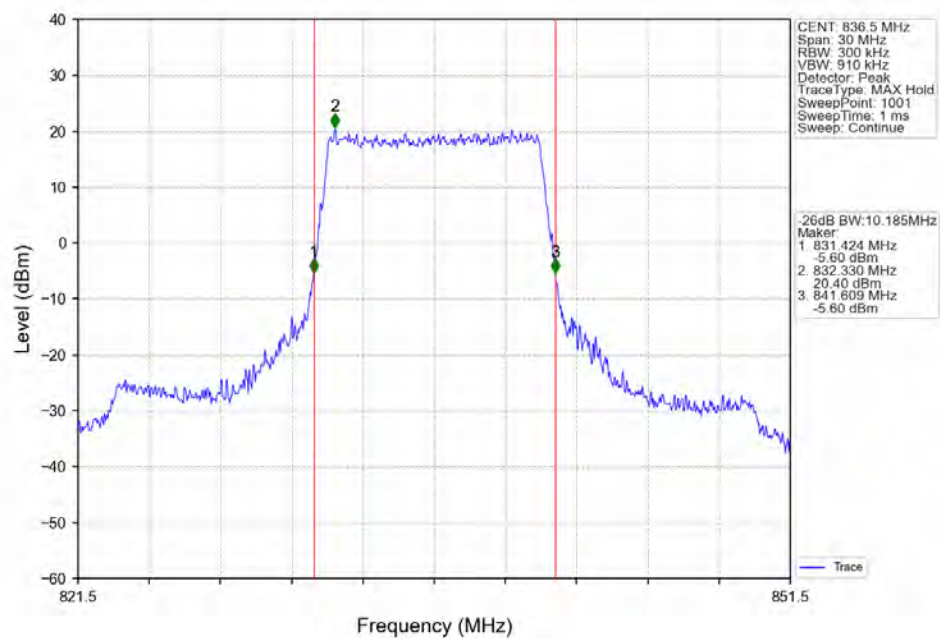
Band5 5MHz 64QAM HCH 846.5MHz RB 25 0 NTNV



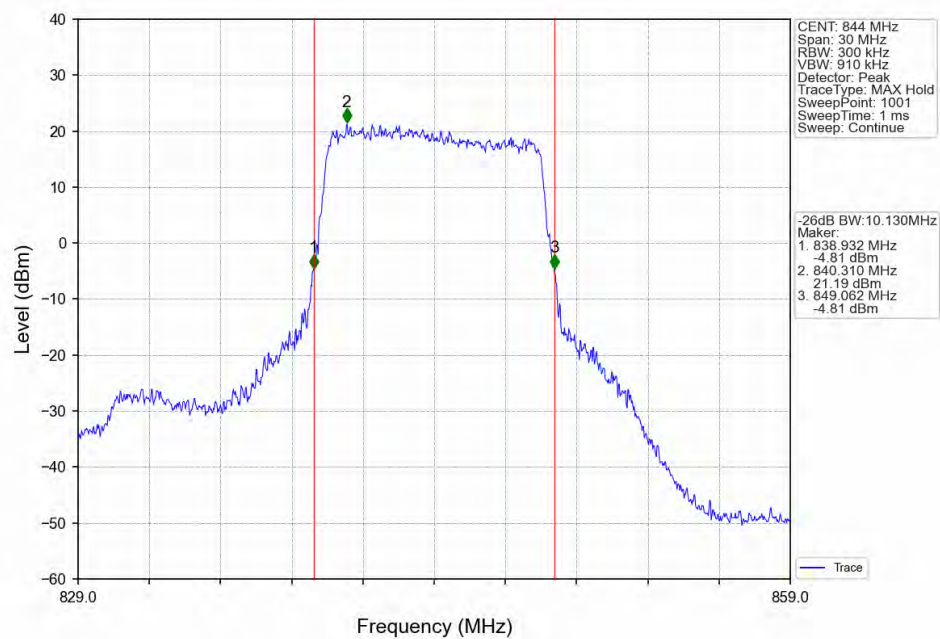
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



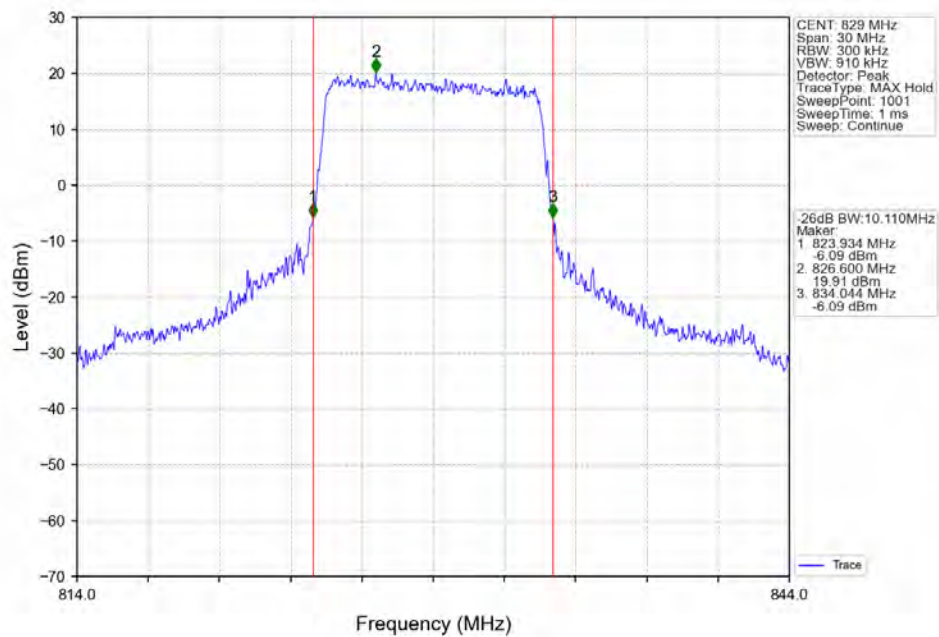
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTNV



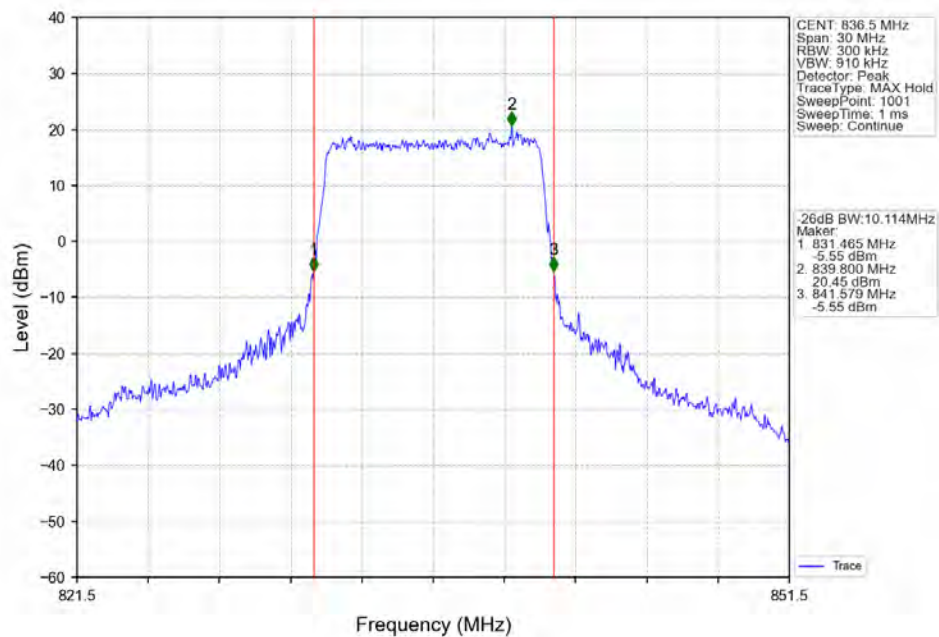
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTNV



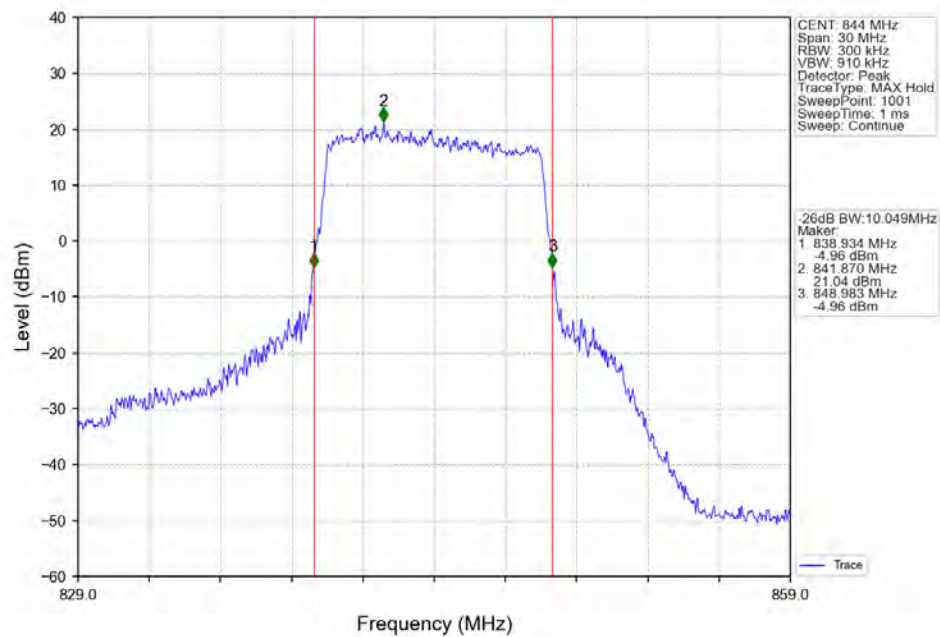
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



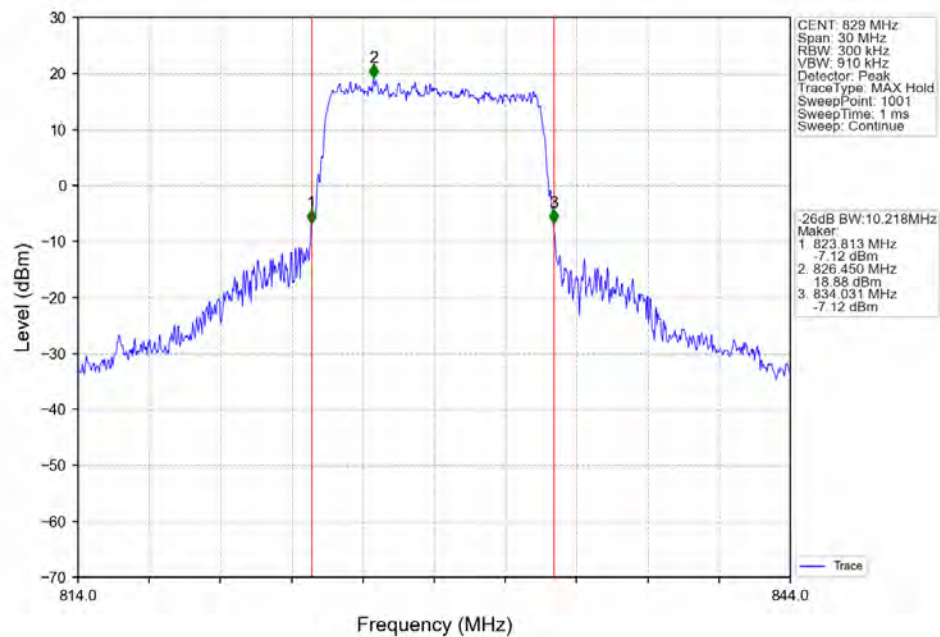
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



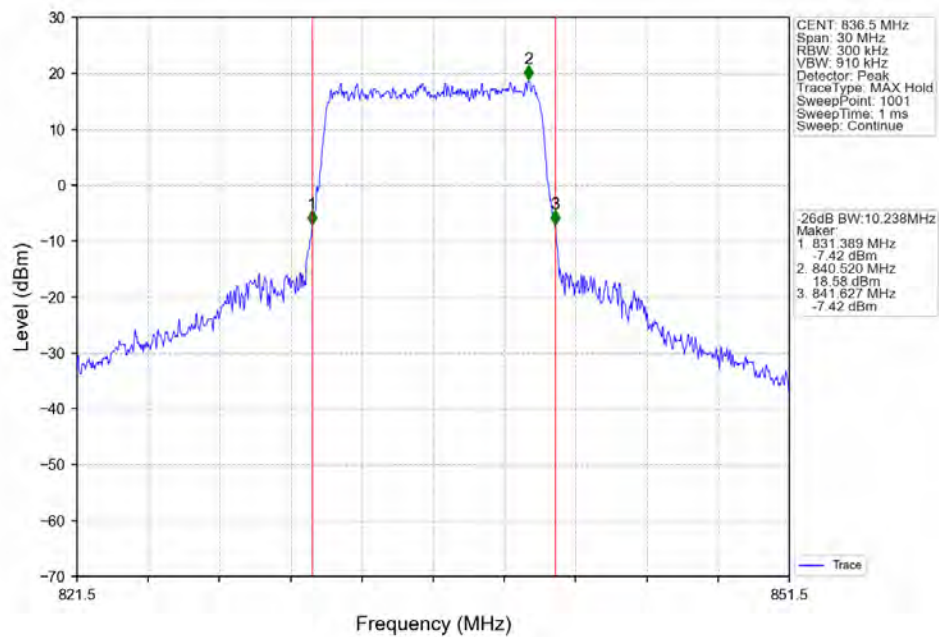
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



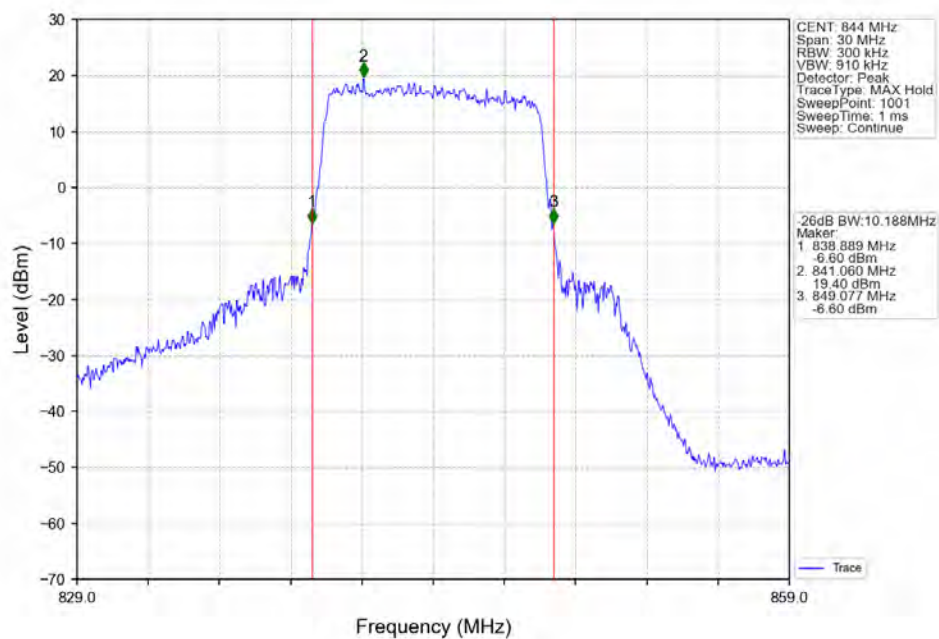
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B5_1.4MHz

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	4.43	<=13	Pass
	836.5	6	0	4.75	<=13	Pass
	848.3	6	0	4.70	<=13	Pass
16QAM	824.7	6	0	5.65	<=13	Pass
	836.5	6	0	6.10	<=13	Pass
	848.3	6	0	6.02	<=13	Pass
64QAM	824.7	6	0	6.37	<=13	Pass
	836.5	6	0	6.71	<=13	Pass
	848.3	6	0	8.72	<=13	Pass

4.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.38	<=13	Pass
	836.5	15	0	4.74	<=13	Pass
	847.5	15	0	4.69	<=13	Pass
16QAM	825.5	15	0	5.64	<=13	Pass
	836.5	15	0	6.14	<=13	Pass
	847.5	15	0	6.05	<=13	Pass
64QAM	825.5	15	0	6.29	<=13	Pass
	836.5	15	0	6.70	<=13	Pass
	847.5	15	0	8.73	<=13	Pass

4.1.3 B5_5MHz

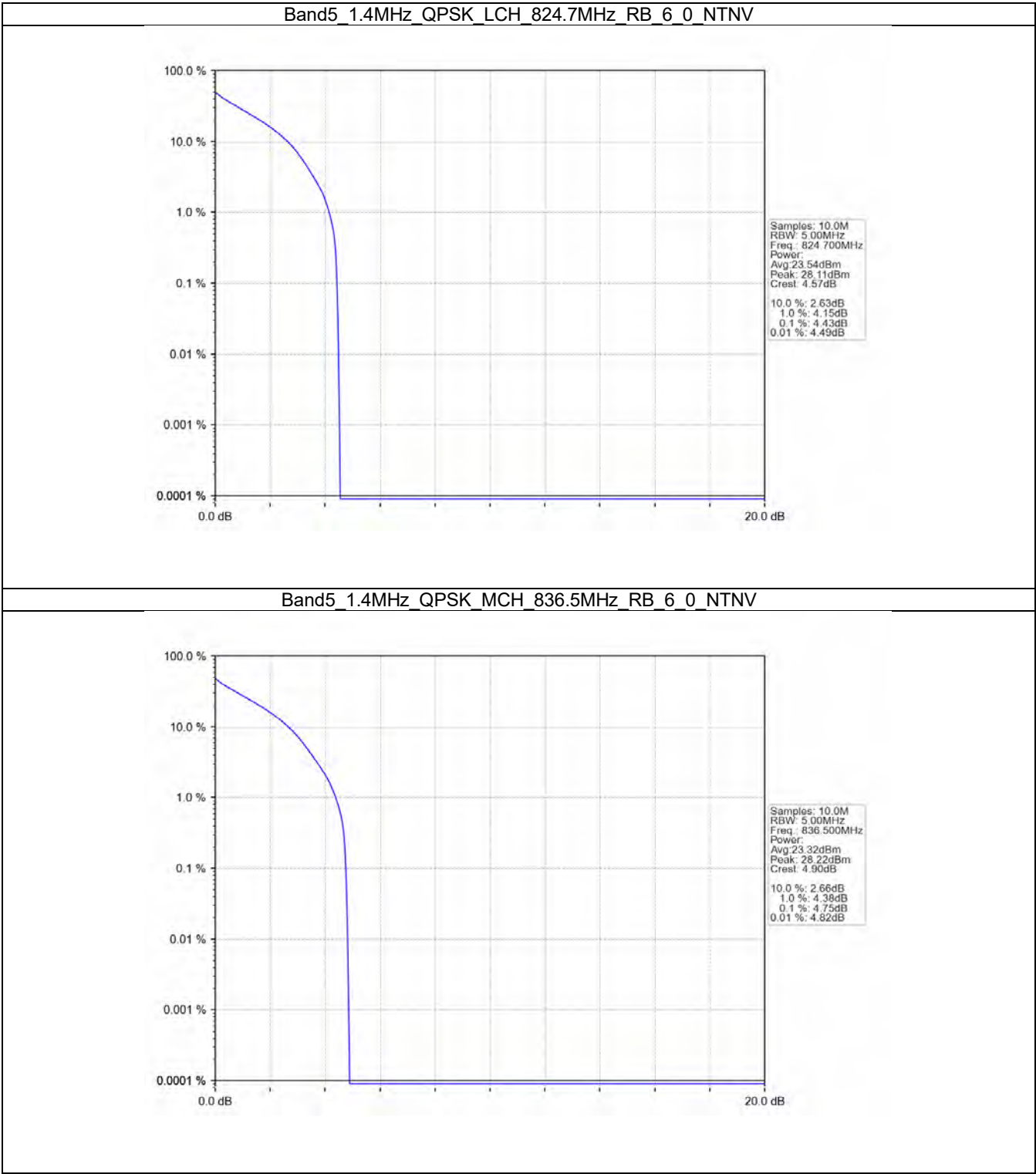
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	4.67	<=13	Pass
	836.5	25	0	4.89	<=13	Pass
	846.5	25	0	4.87	<=13	Pass
16QAM	826.5	25	0	5.71	<=13	Pass
	836.5	25	0	5.96	<=13	Pass
	846.5	25	0	5.90	<=13	Pass
64QAM	826.5	25	0	8.46	<=13	Pass
	836.5	25	0	8.89	<=13	Pass
	846.5	25	0	8.89	<=13	Pass

4.1.4 B5_10MHz

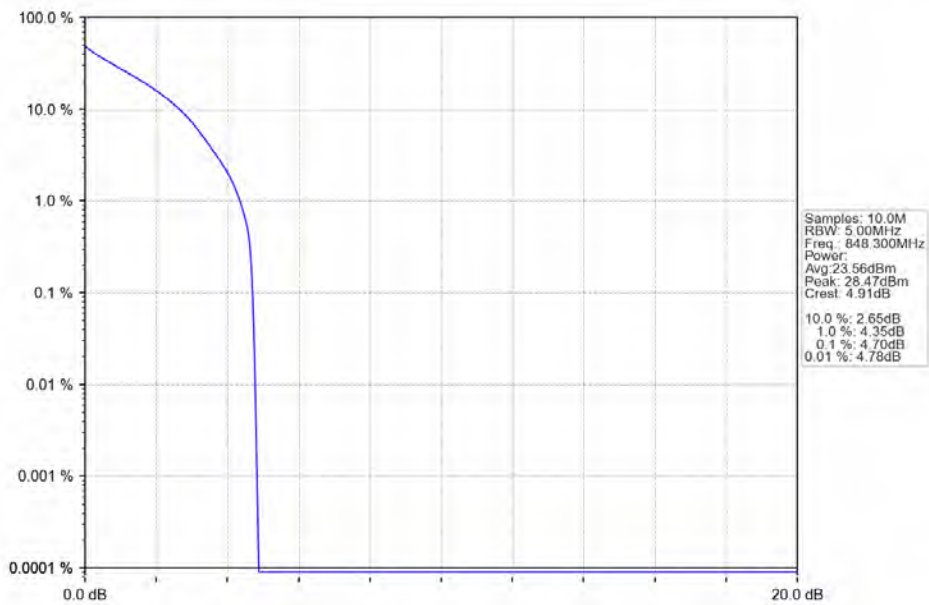
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	4.70	<=13	Pass
	836.5	50	0	4.95	<=13	Pass
	844	50	0	4.82	<=13	Pass
16QAM	829	50	0	5.76	<=13	Pass
	836.5	50	0	5.99	<=13	Pass
	844	50	0	5.91	<=13	Pass
64QAM	829	50	0	8.88	<=13	Pass
	836.5	50	0	6.63	<=13	Pass
	844	50	0	6.52	<=13	Pass

4.2 Test Graph

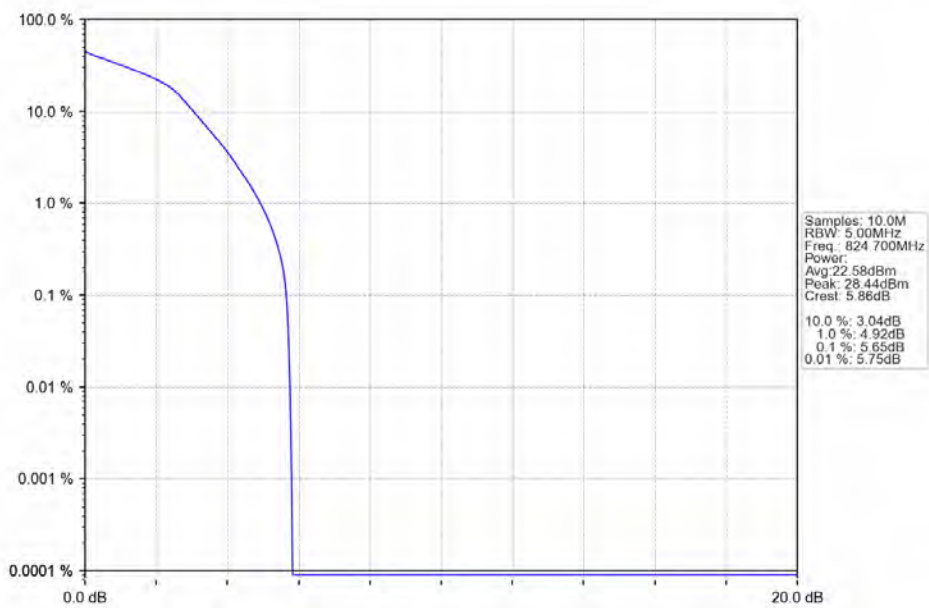
4.2.1 B5_1.4MHz



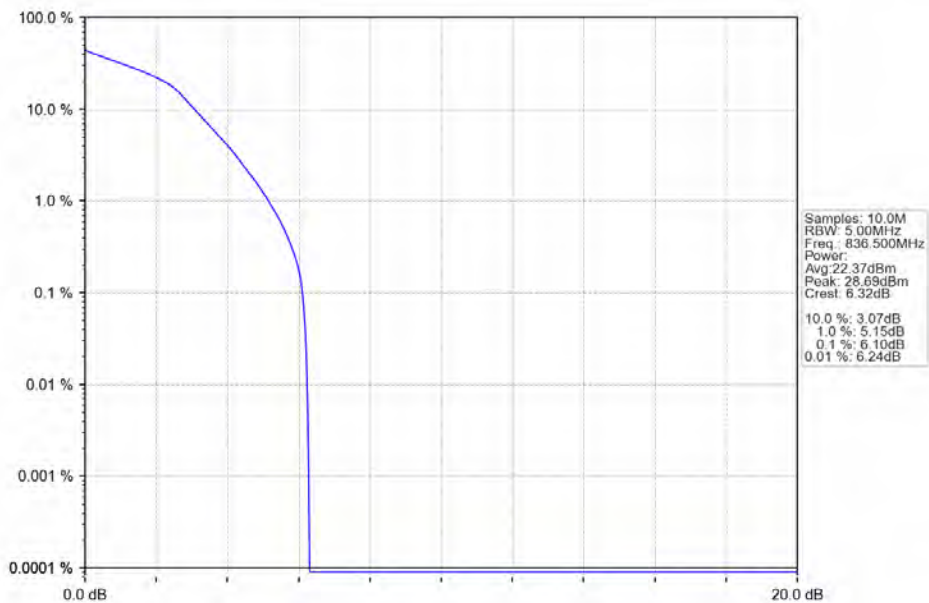
Band5 1.4MHz QPSK HCH 848.3MHz RB 6.0 NTNV



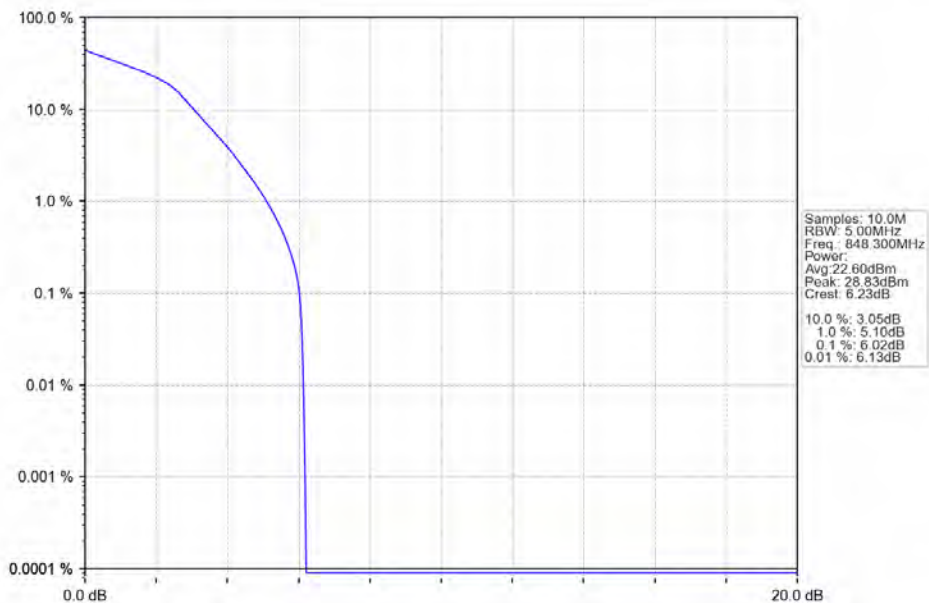
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6.0 NTNV



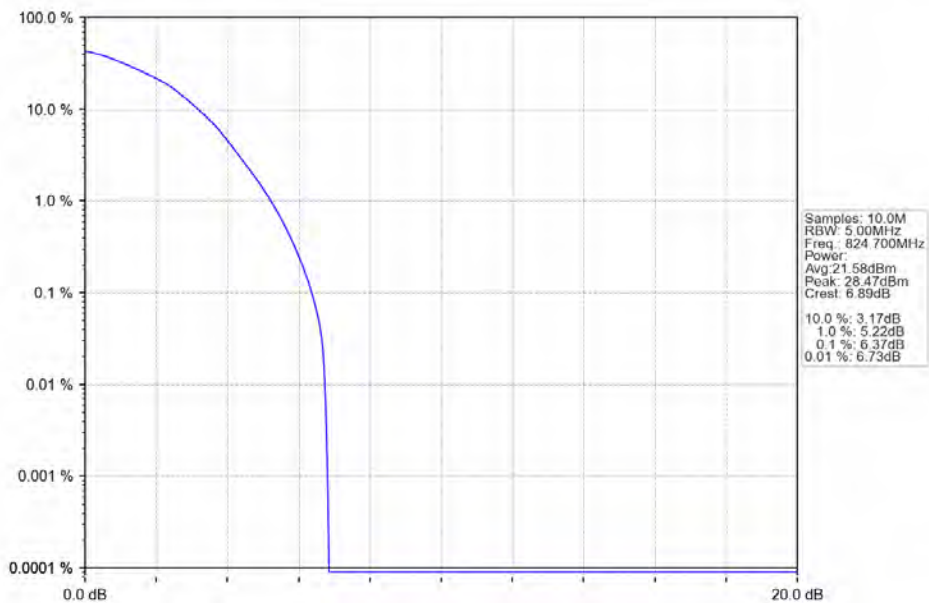
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



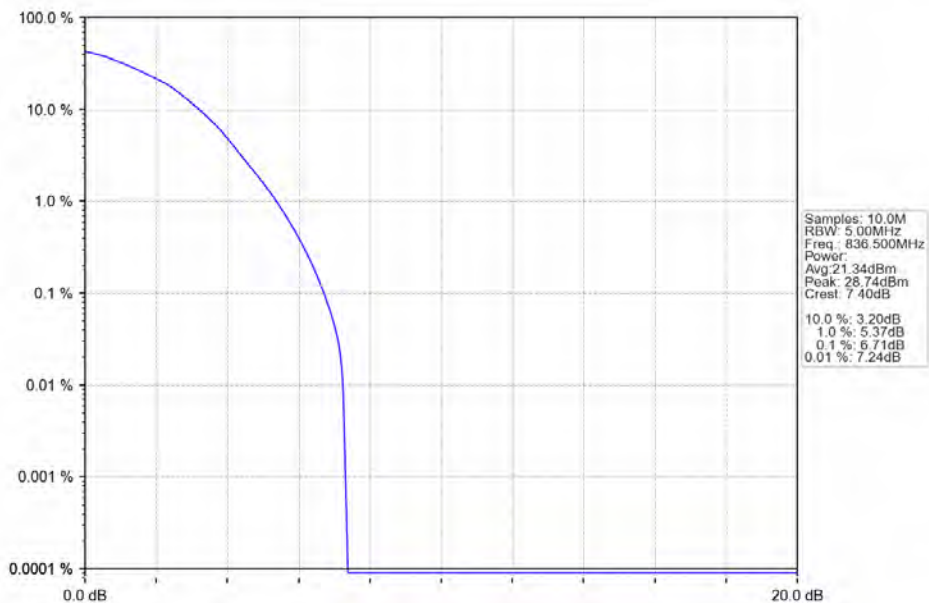
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



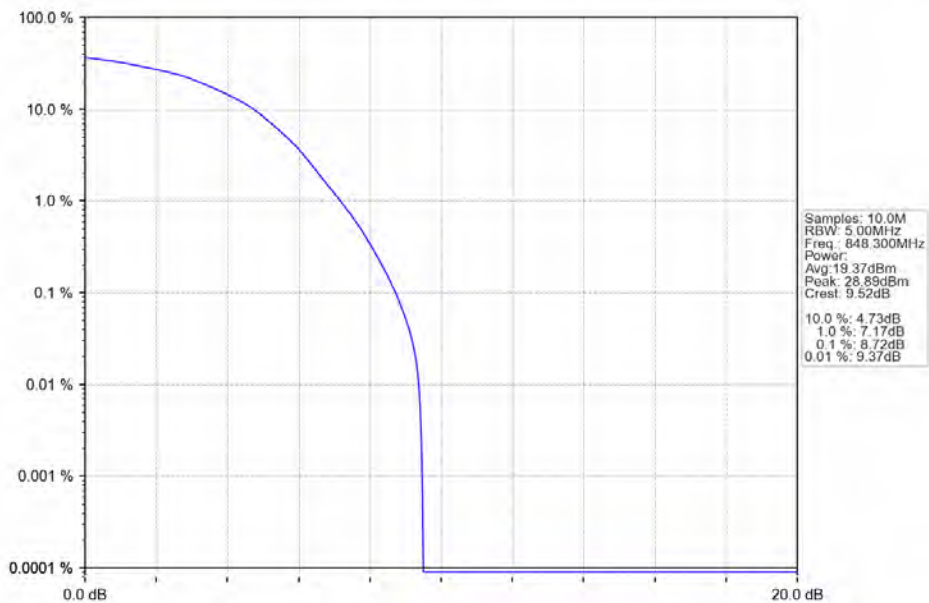
Band5 1.4MHz 64QAM LCH 824.7MHz RB 6 0 NTNV



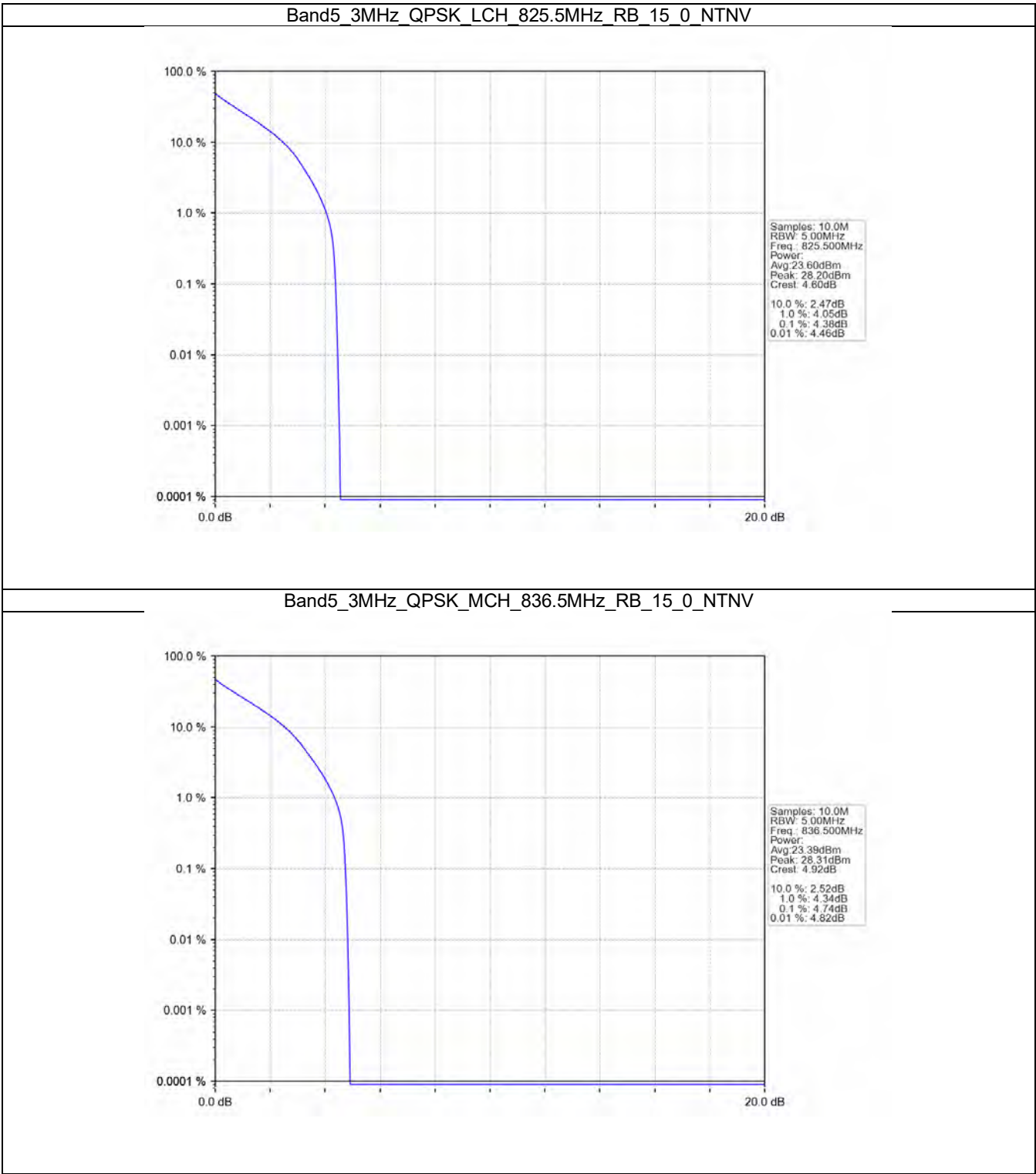
Band5 1.4MHz 64QAM MCH 836.5MHz RB 6 0 NTNV



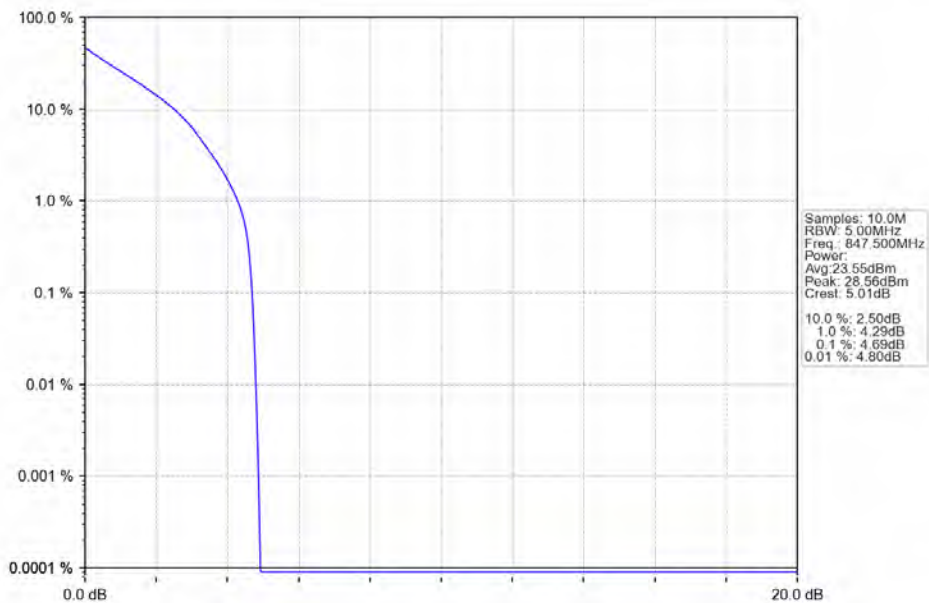
Band5 1.4MHz 64QAM HCH 848.3MHz RB 6 0 NTNV



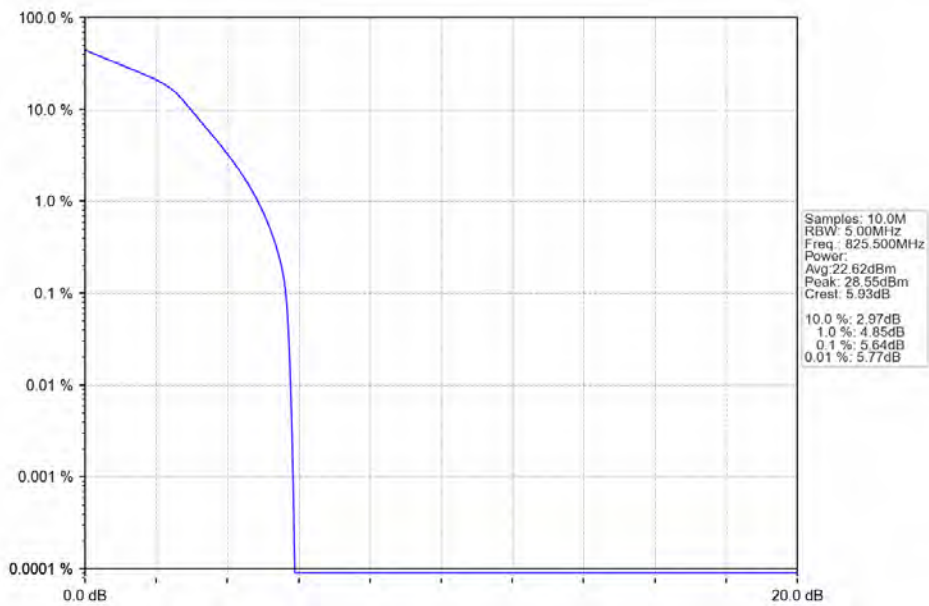
4.2.2 B5_3MHz



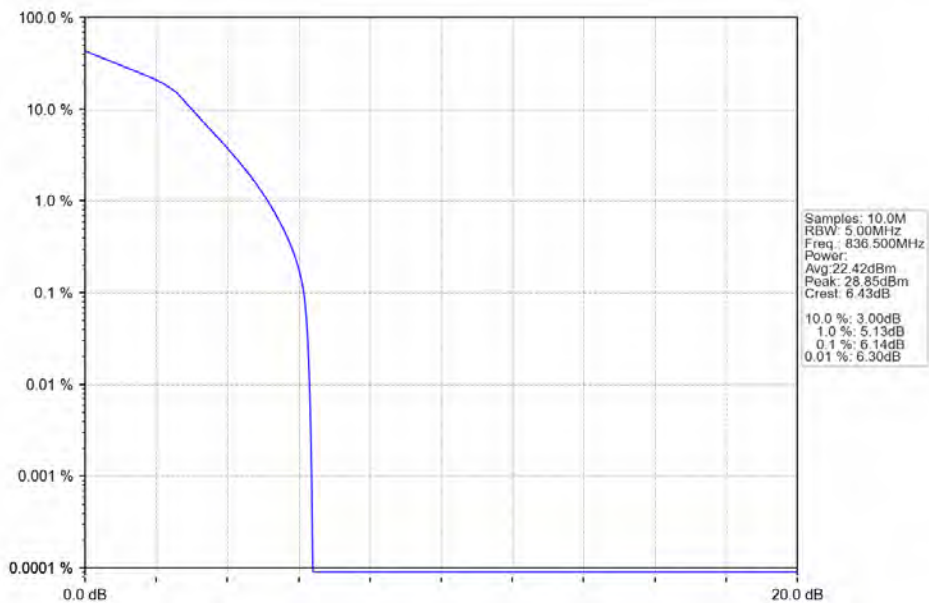
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTNV



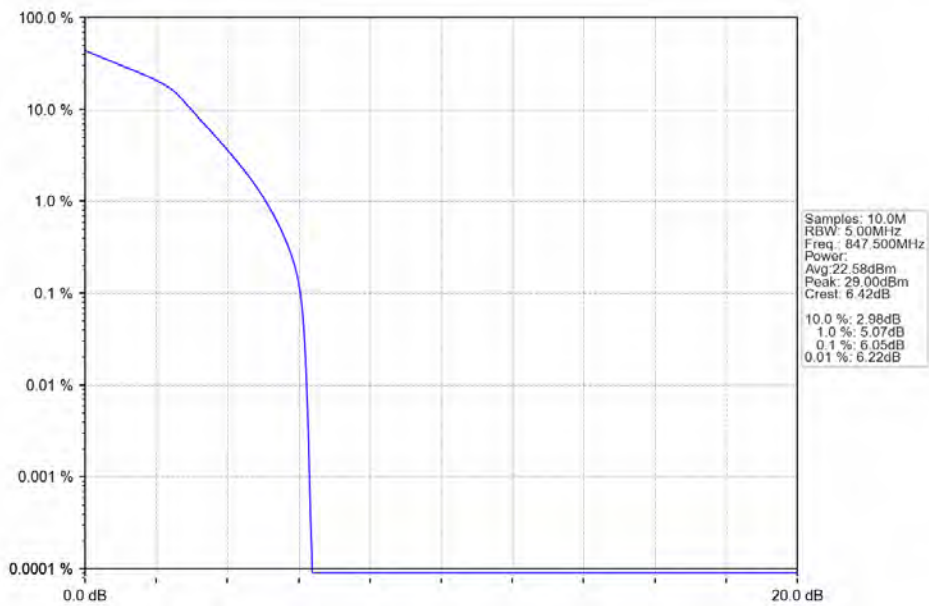
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTNV



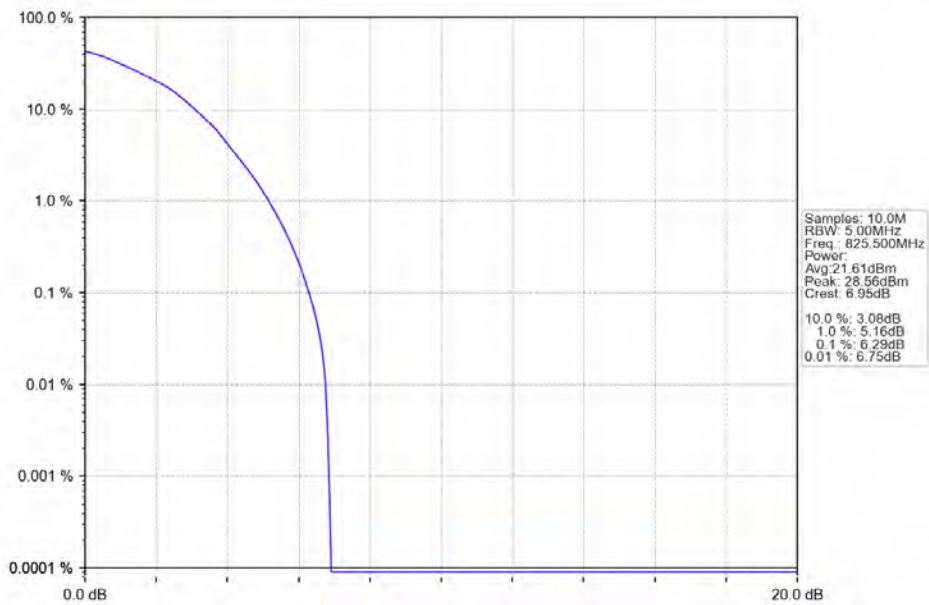
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTV



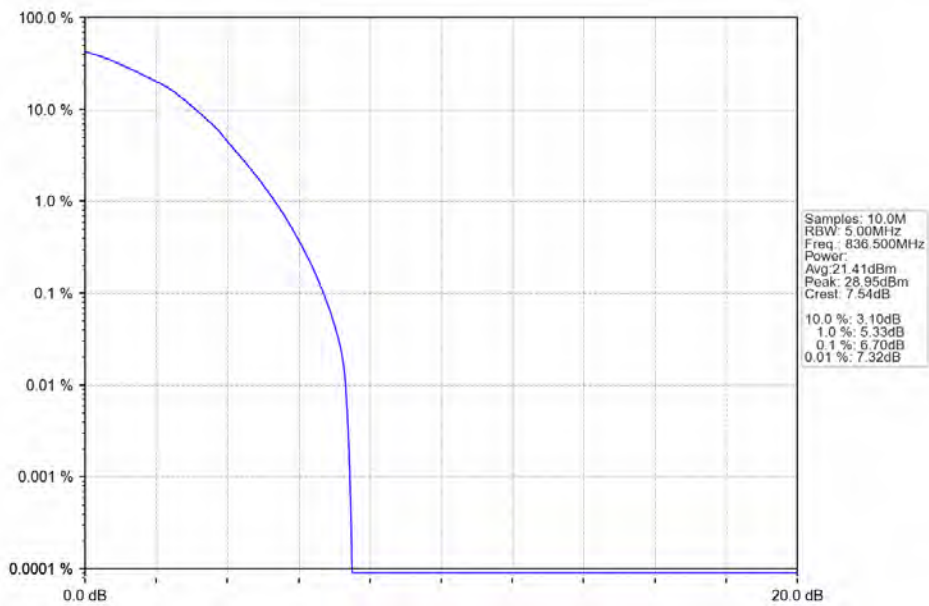
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTV



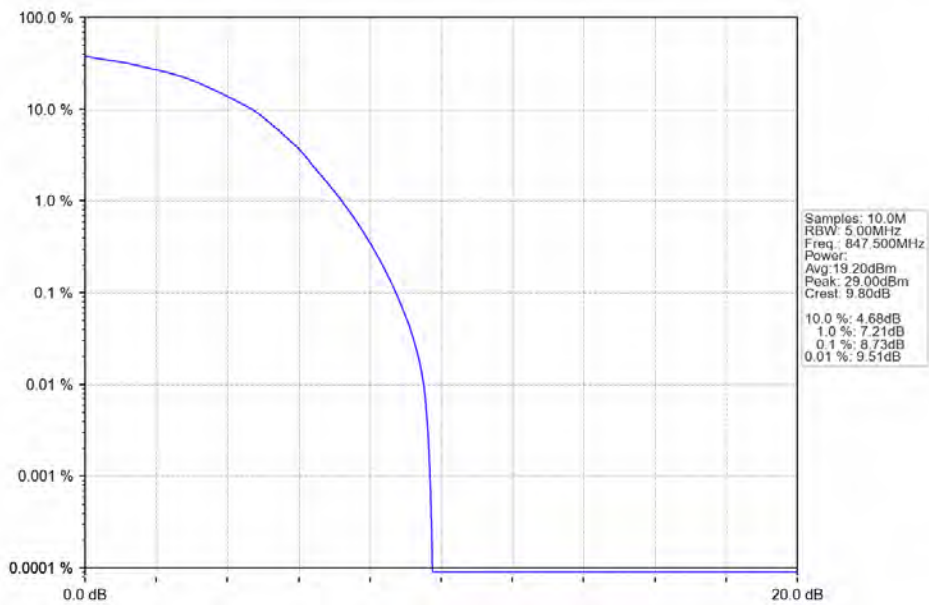
Band5 3MHz 64QAM LCH 825.5MHz RB 15 0 NTNV



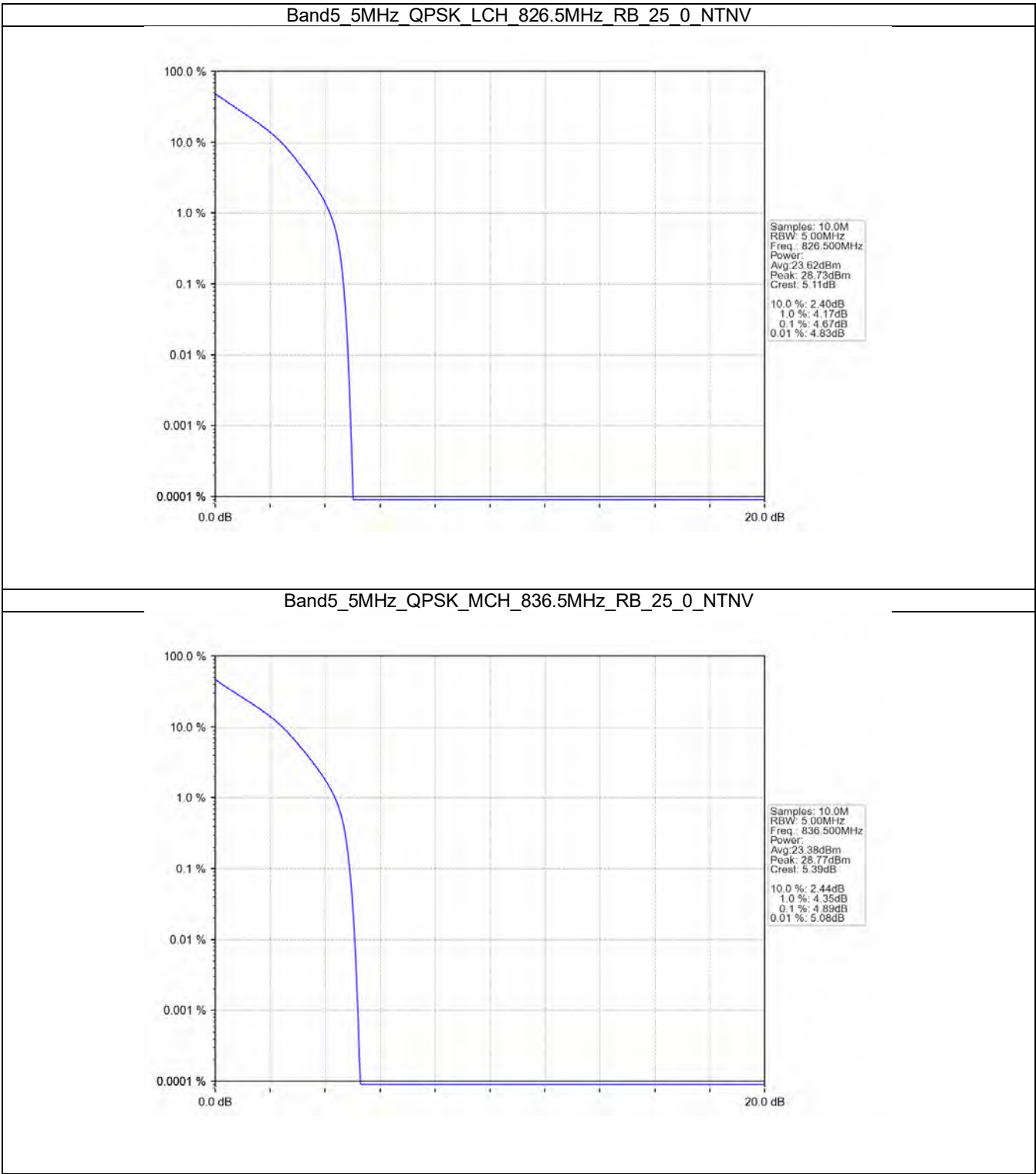
Band5 3MHz 64QAM MCH 836.5MHz RB 15 0 NTNV



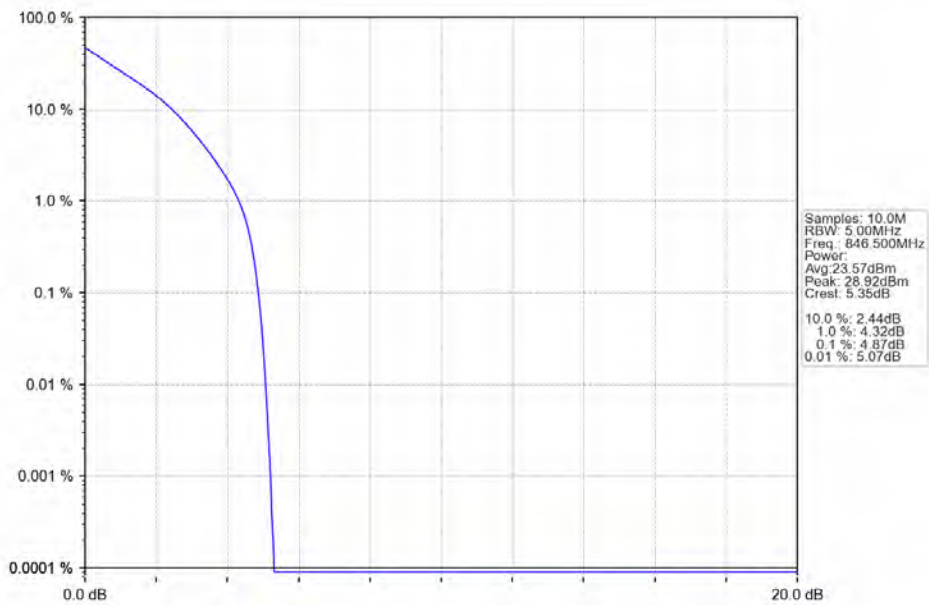
Band5 3MHz 64QAM HCH 847.5MHz RB 15 0 NTNV



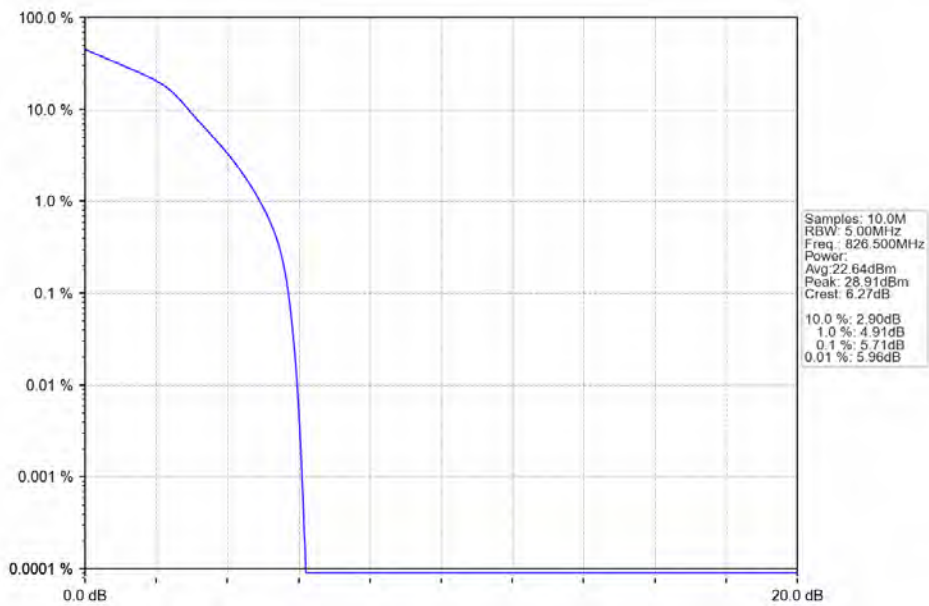
4.2.3 B5_5MHz



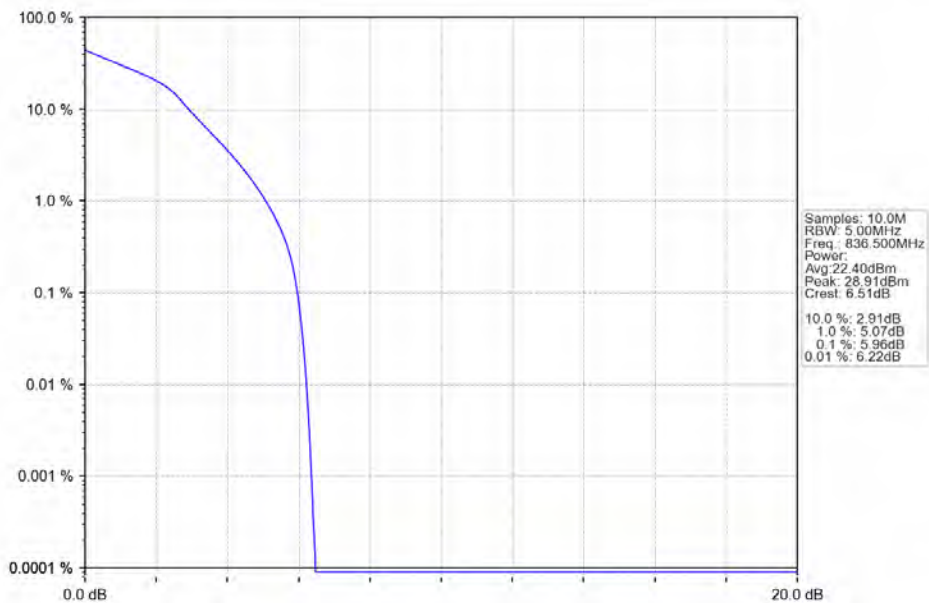
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



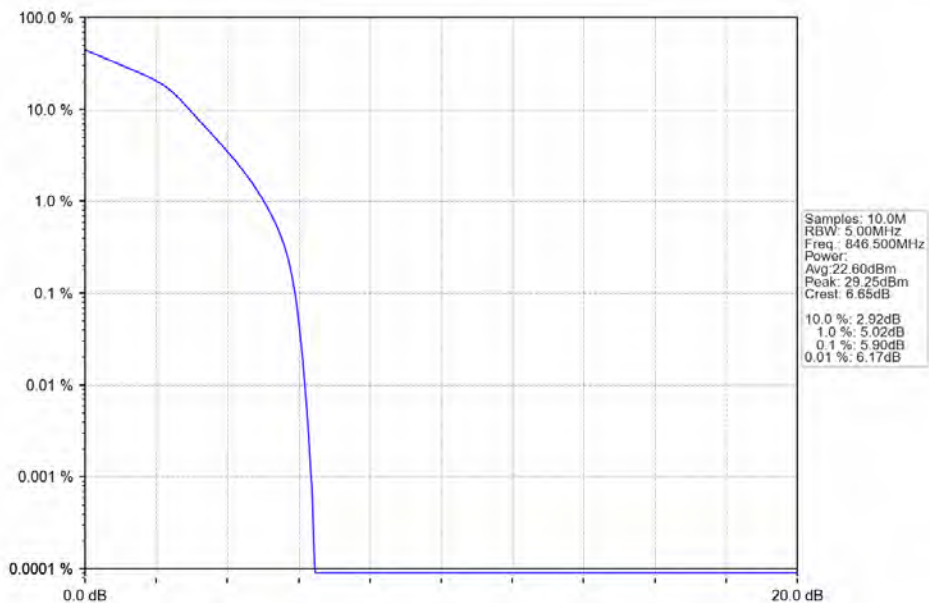
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



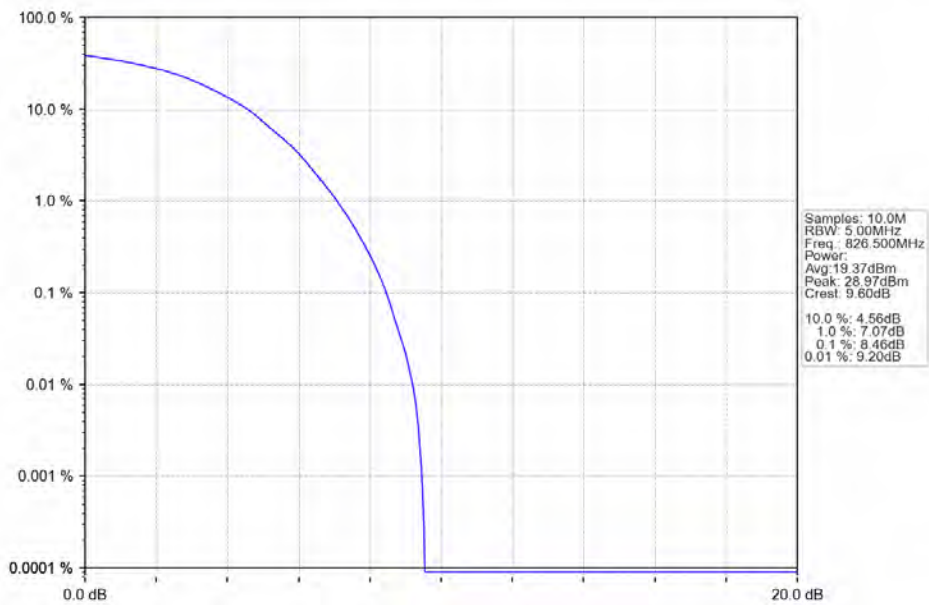
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTV



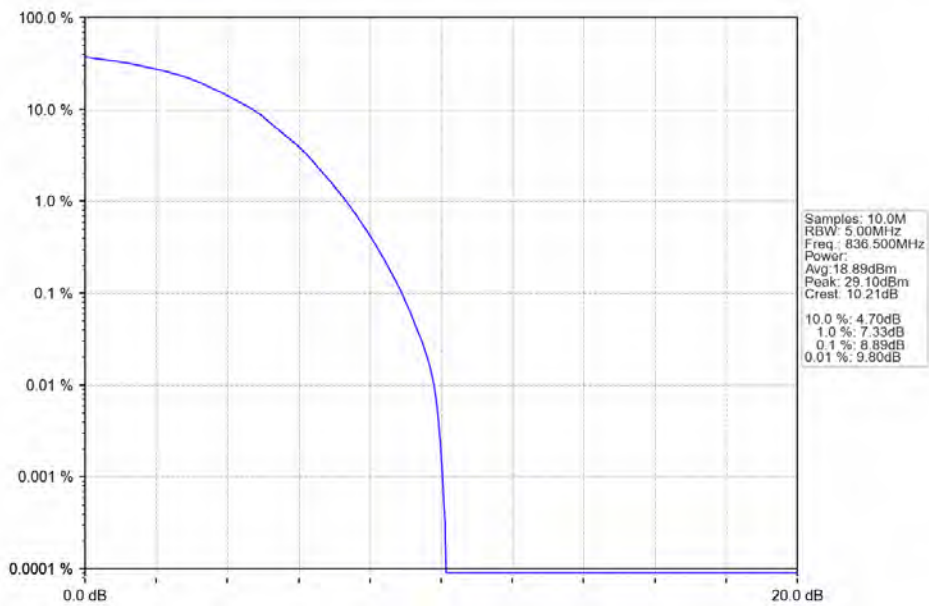
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTV



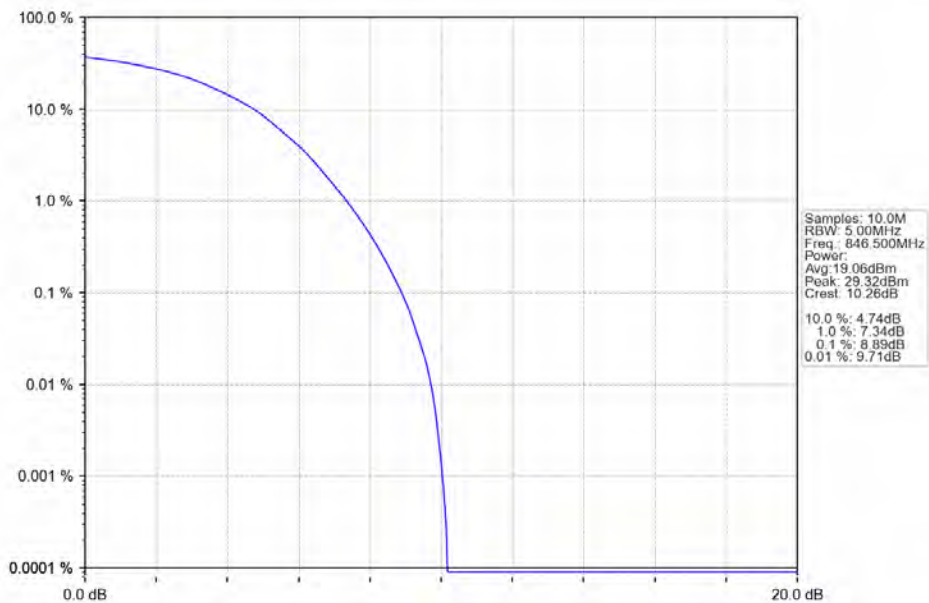
Band5 5MHz 64QAM LCH 826.5MHz RB 25 0 NTNV



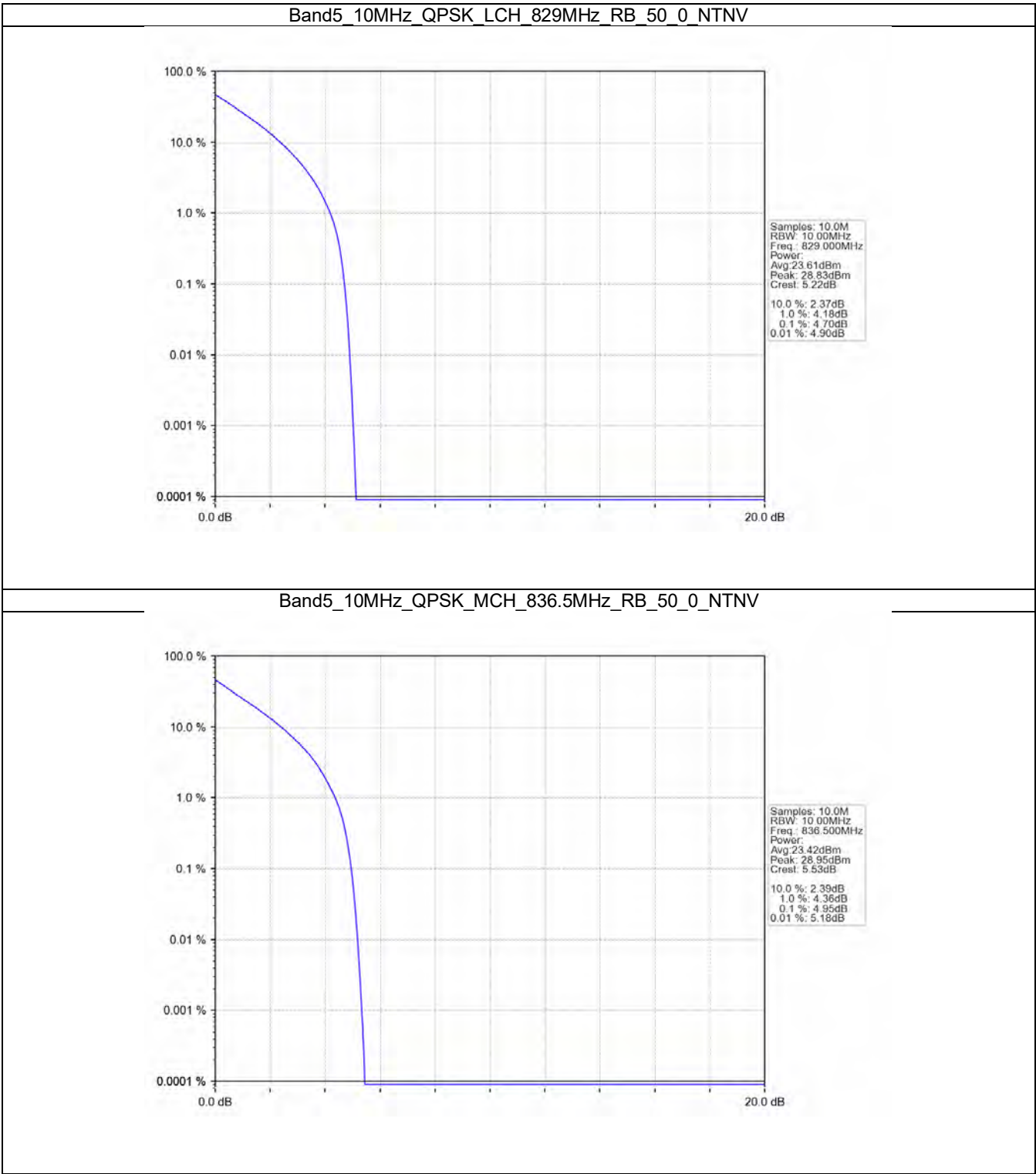
Band5 5MHz 64QAM MCH 836.5MHz RB 25 0 NTNV



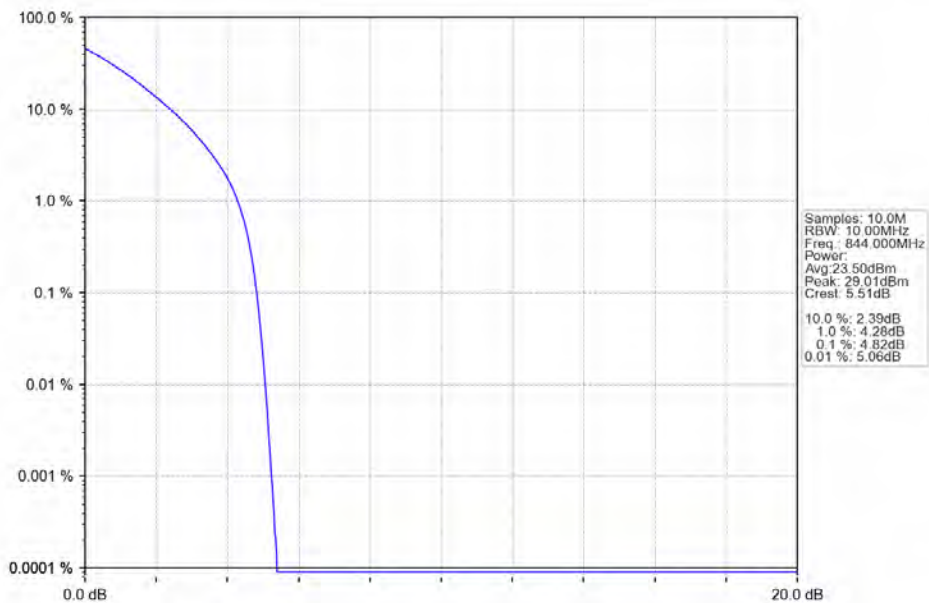
Band5 5MHz 64QAM HCH 846.5MHz RB 25 0 NTNV



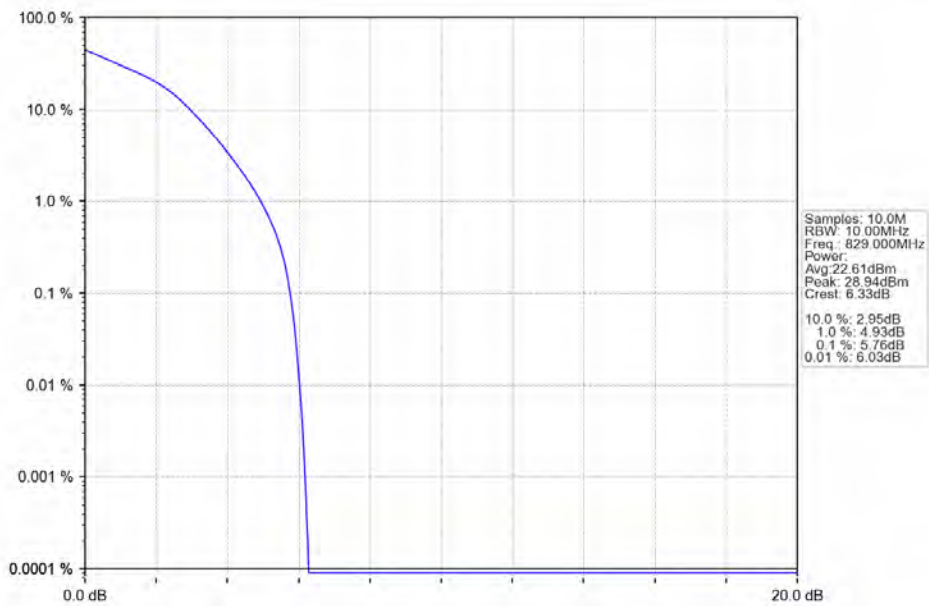
4.2.4 B5_10MHz



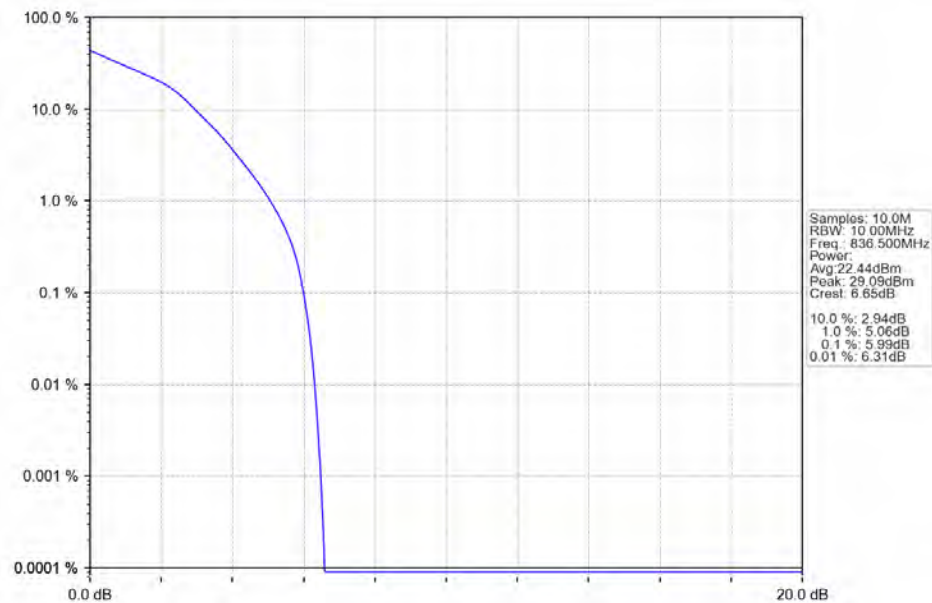
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



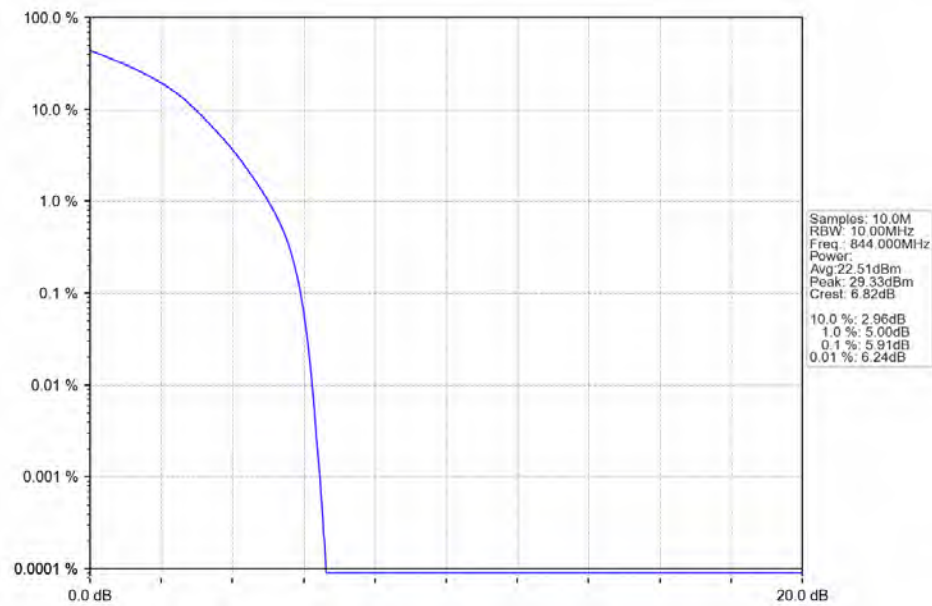
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



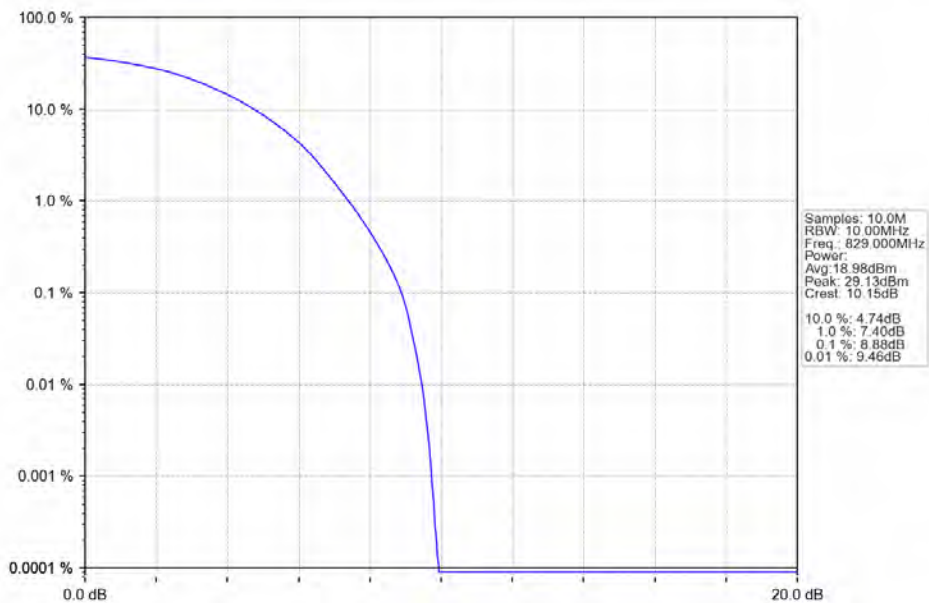
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



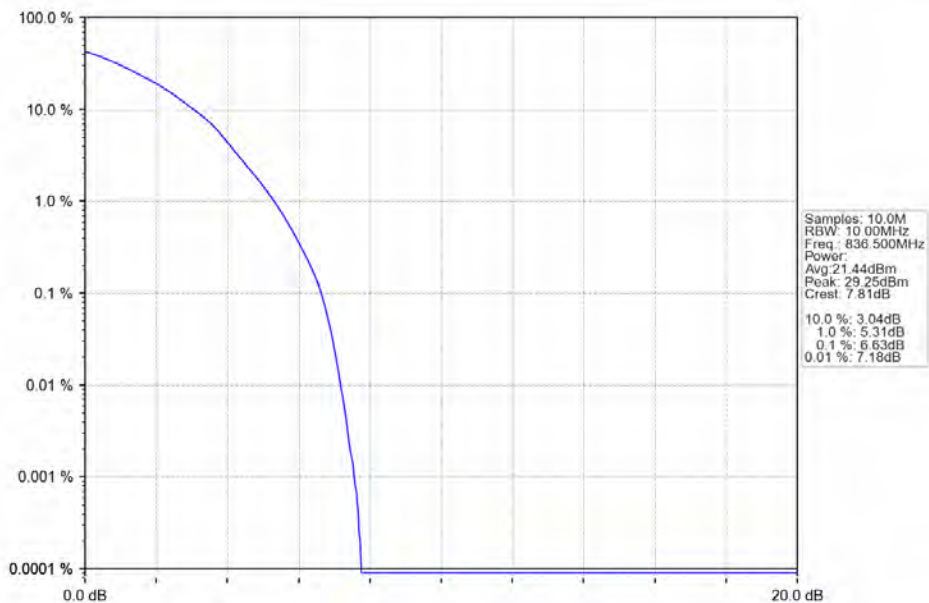
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV





5. Spurious Emission

5.1 Test Result

5.1.1 B5_1.4MHz

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

5.1.2 B5_3MHz

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

5.1.3 B5_5MHz

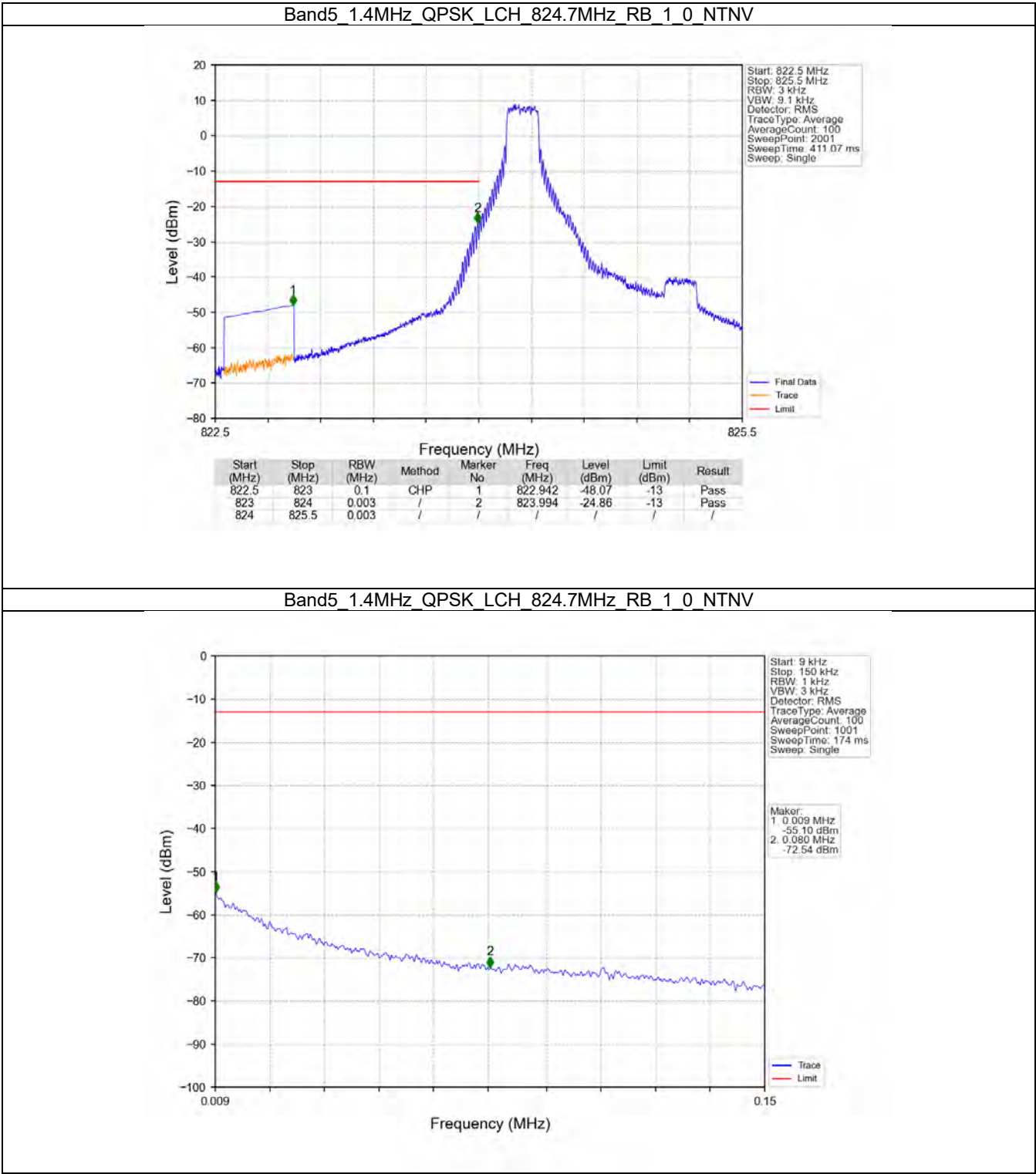
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.4 B5_10MHz

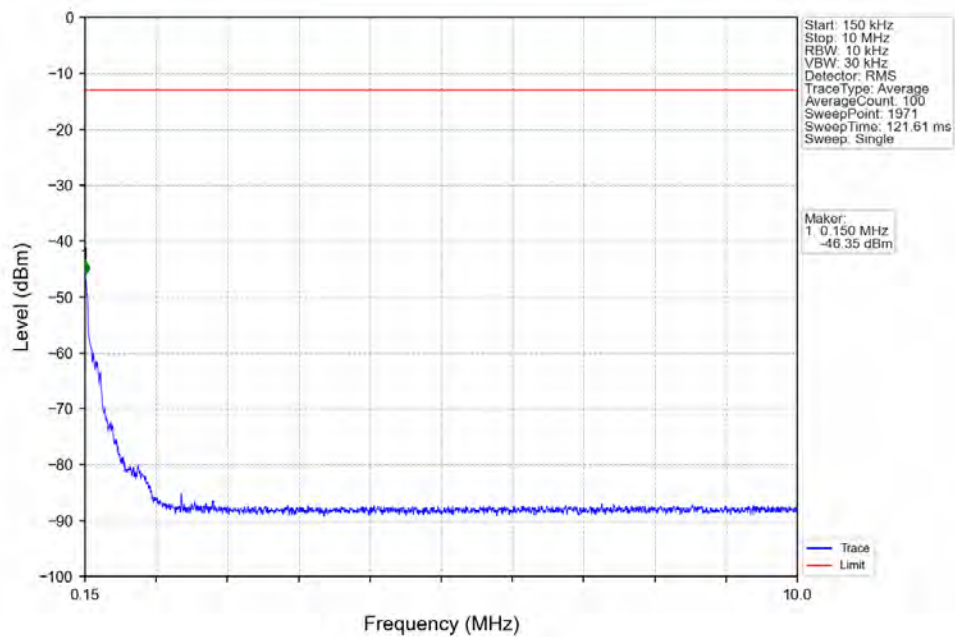
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph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

5.2 Test Graph

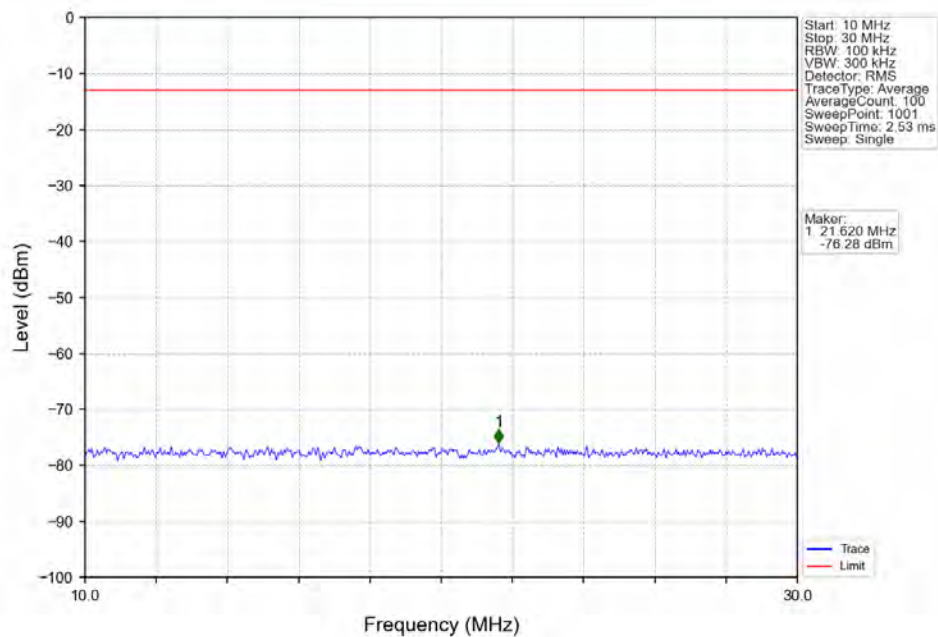
5.2.1 B5_1.4MHz



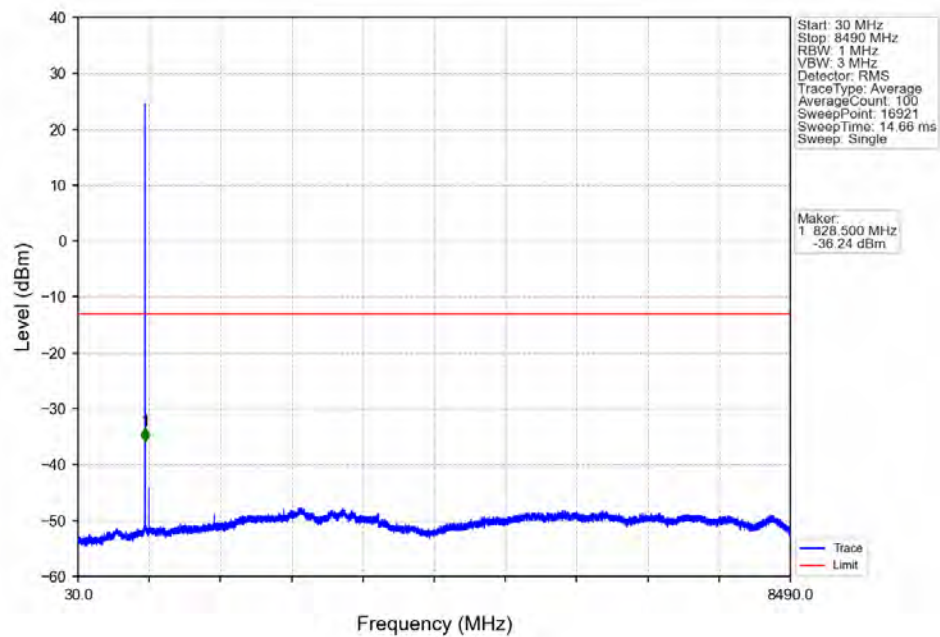
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTNV



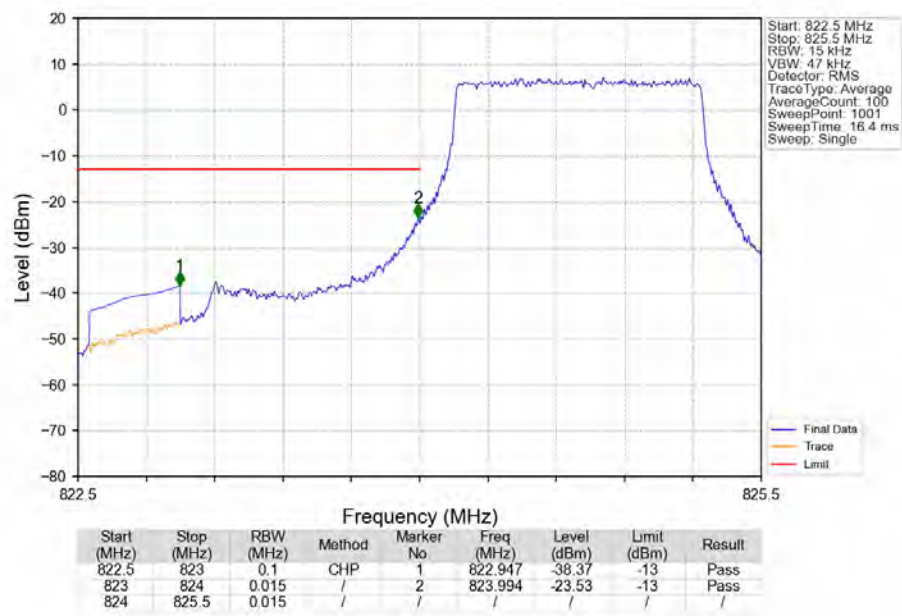
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTNV



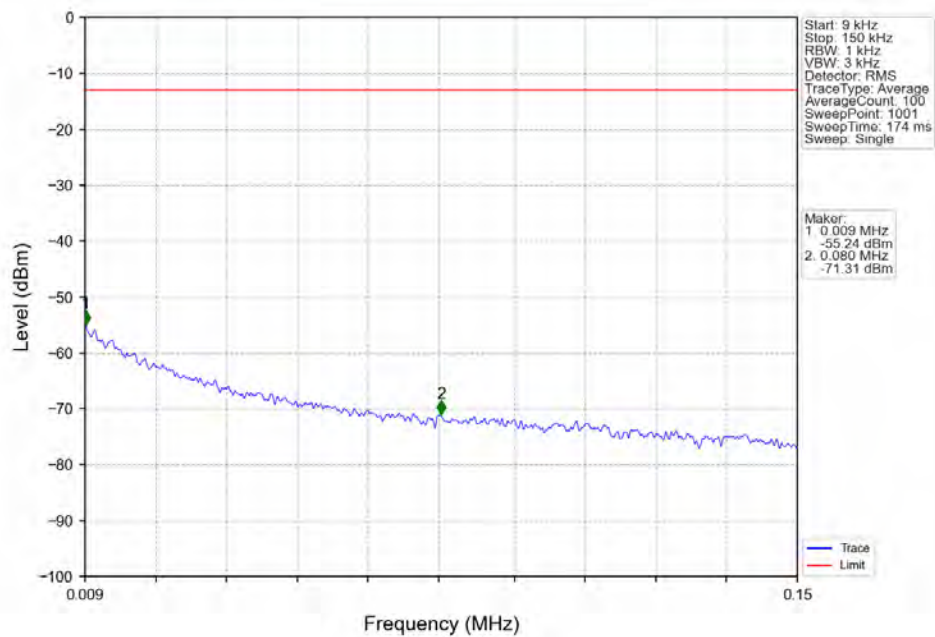
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTNV



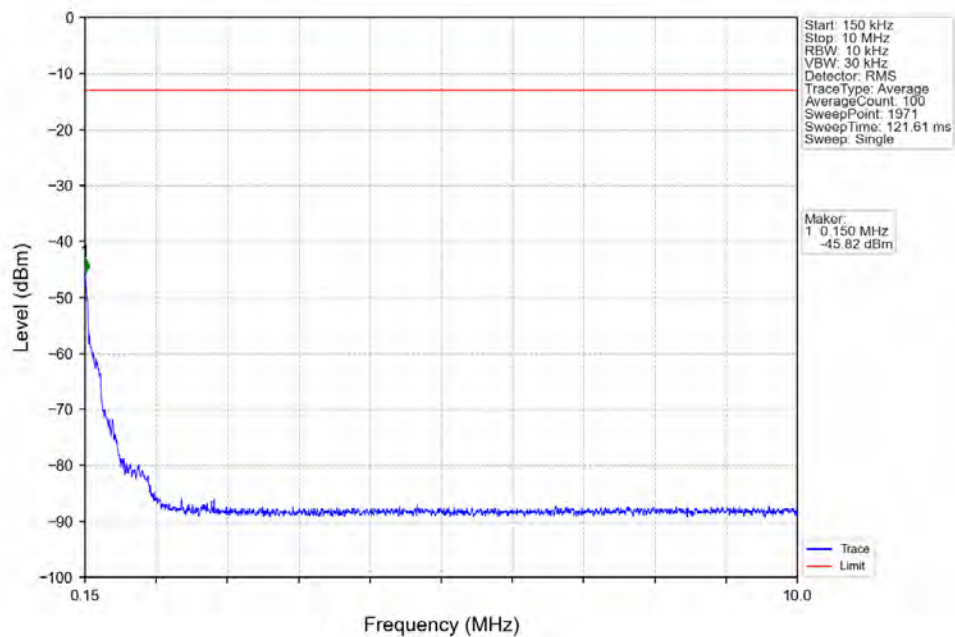
Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV



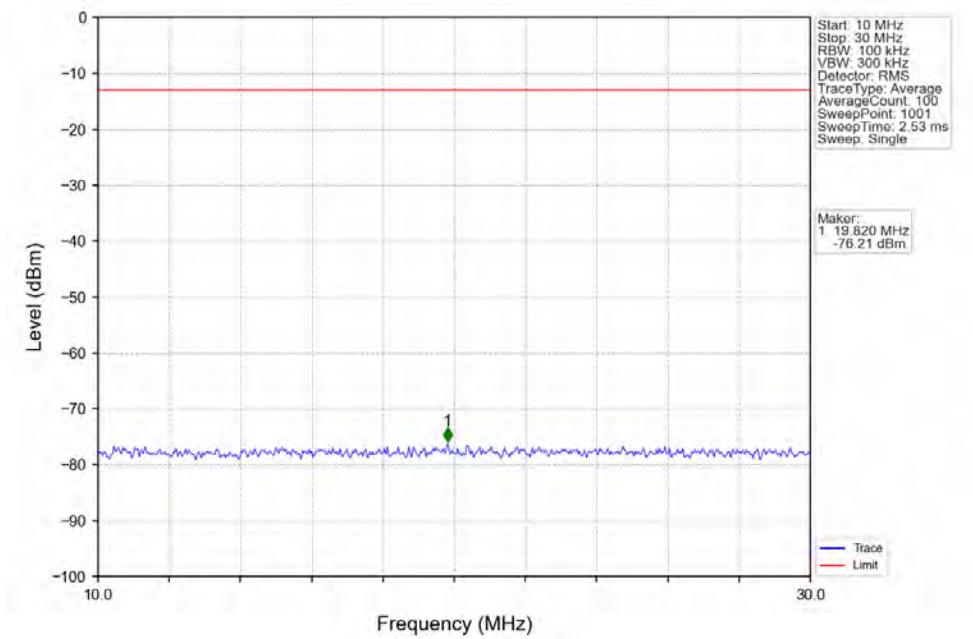
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTV



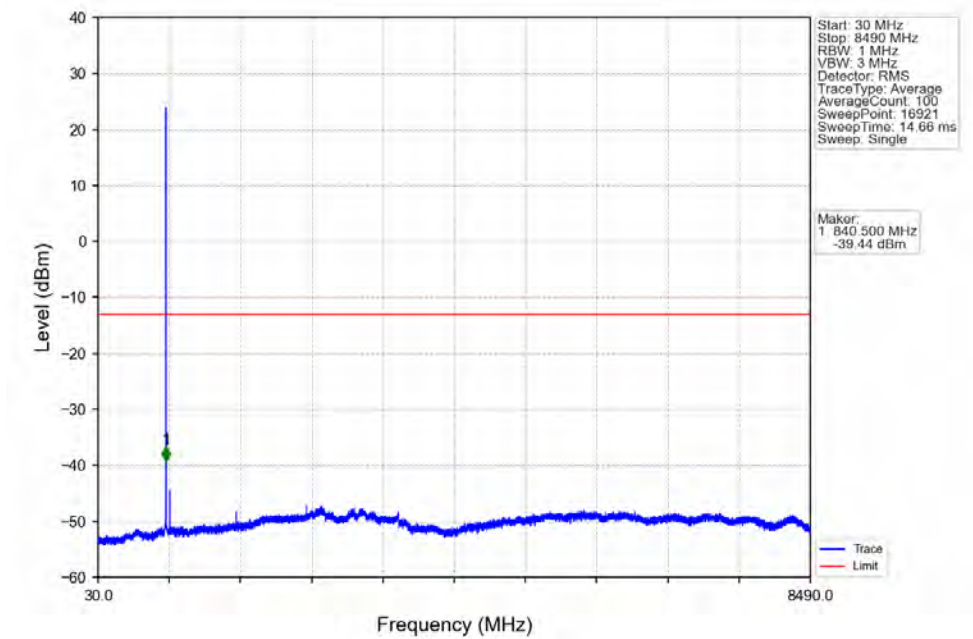
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTV



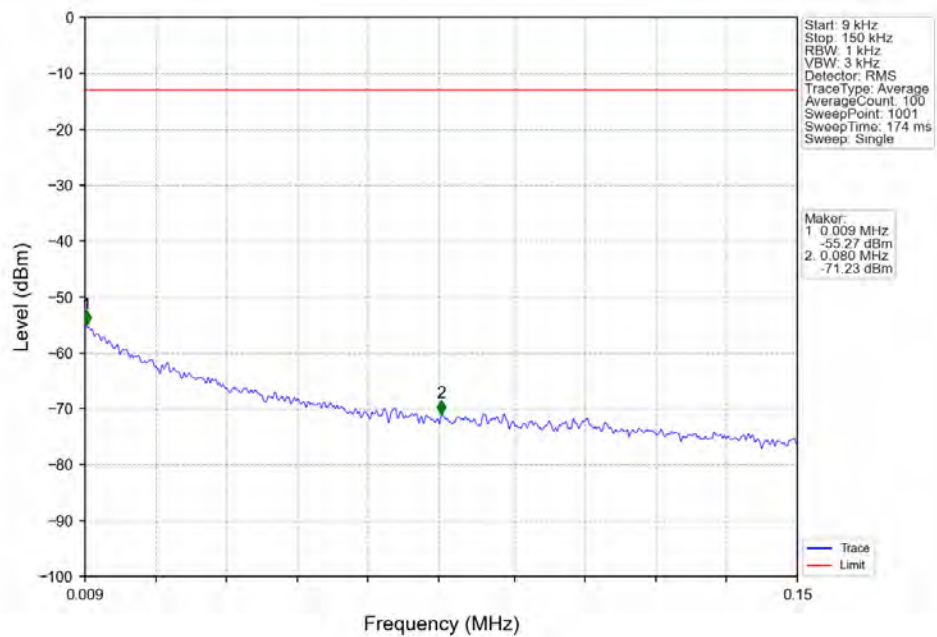
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTV



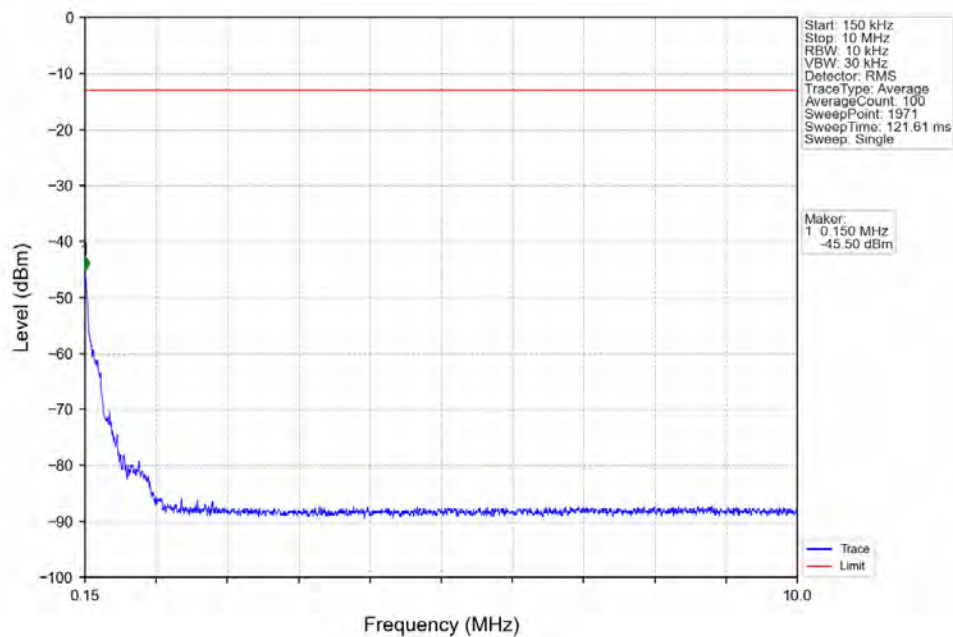
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTV



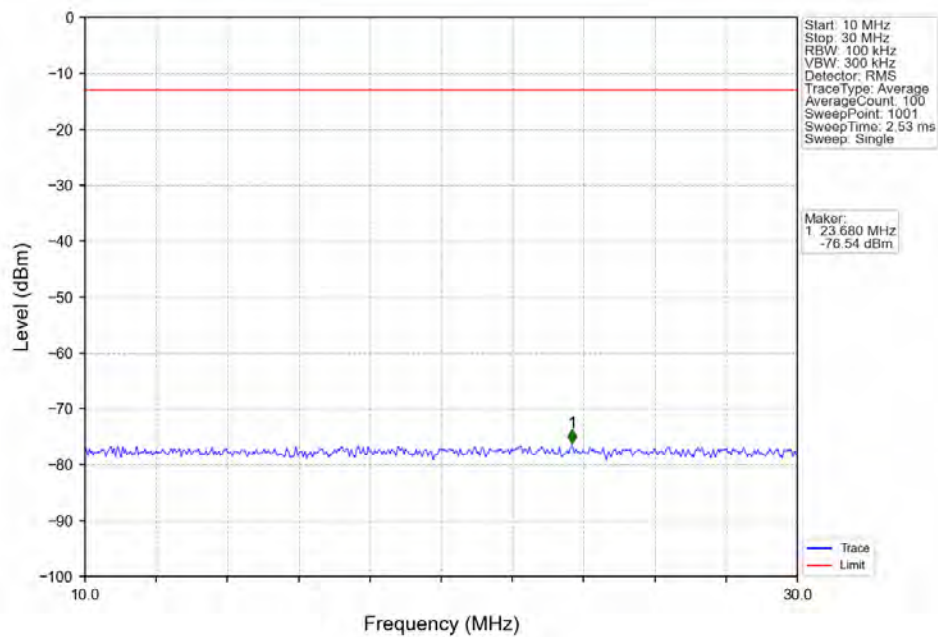
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV



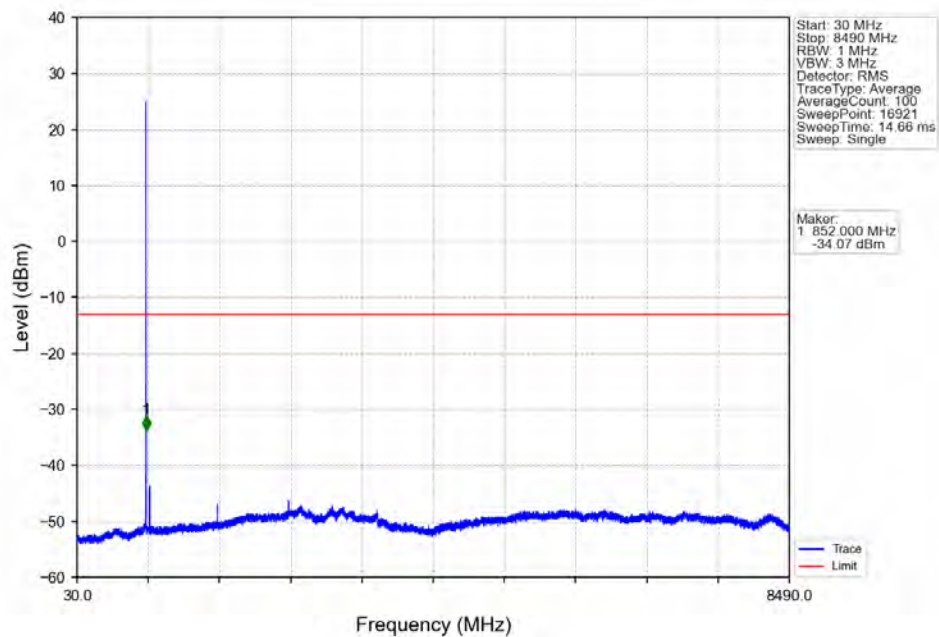
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV



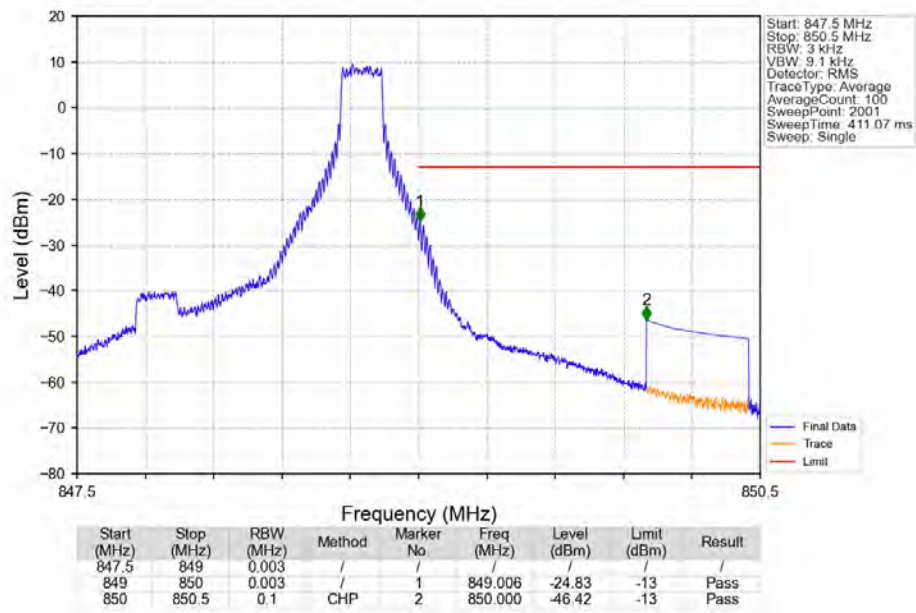
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV



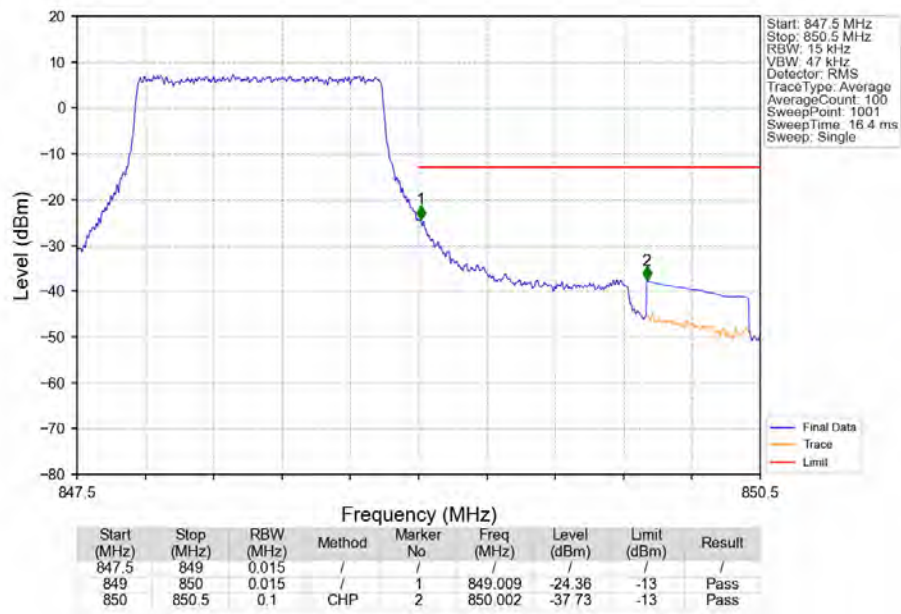
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV



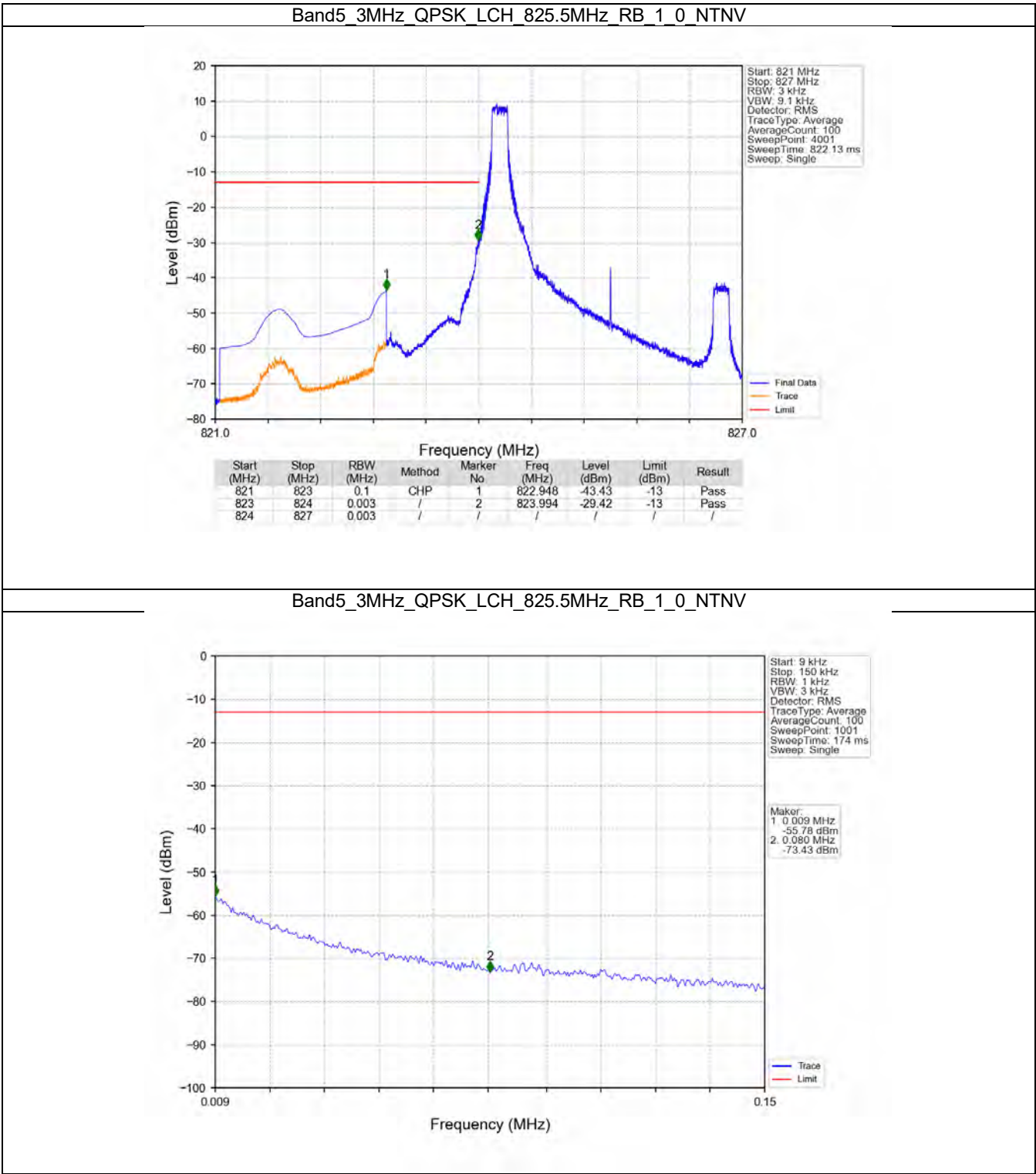
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTV



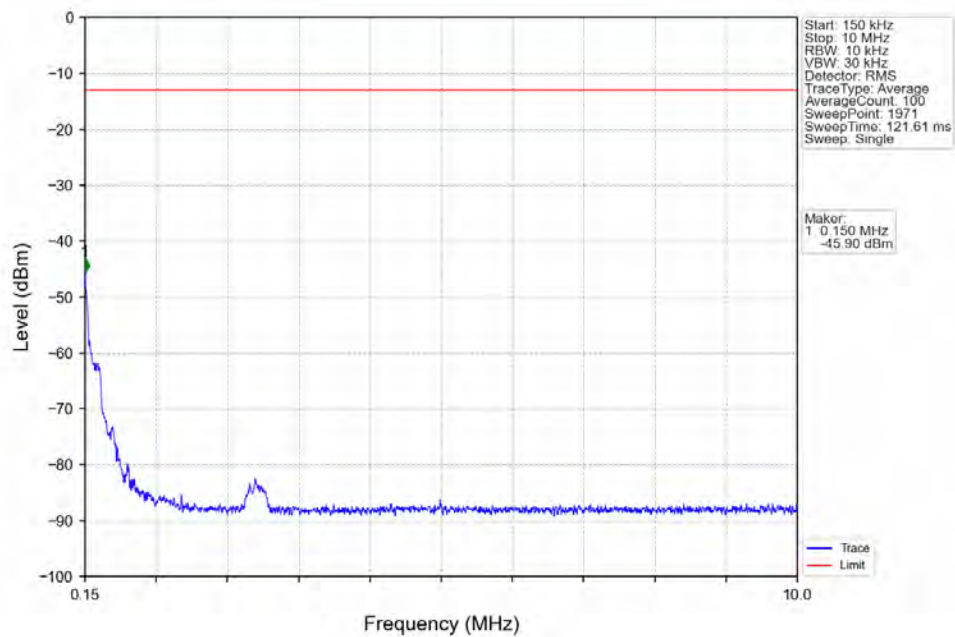
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTV



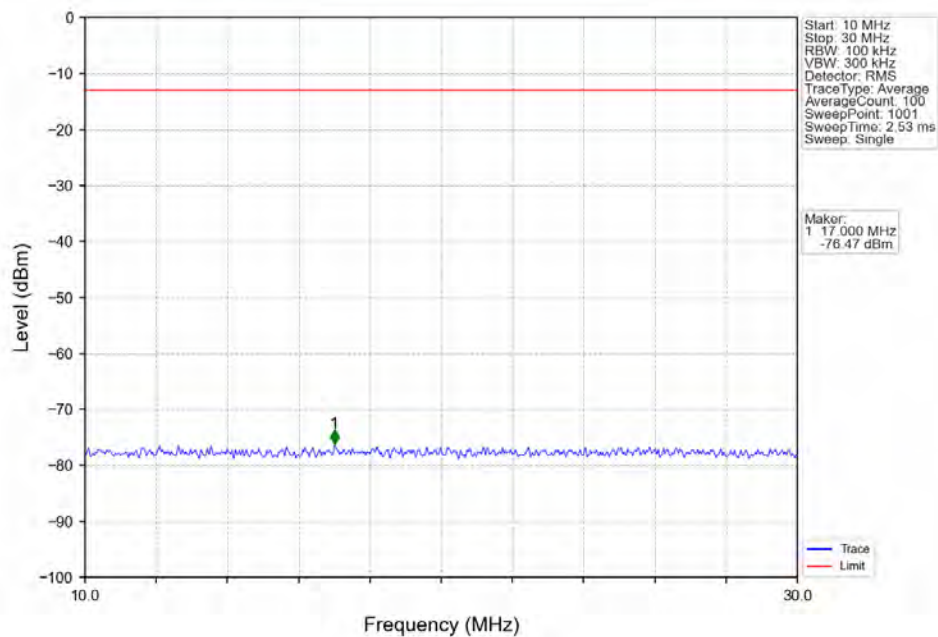
5.2.2 B5_3MHz



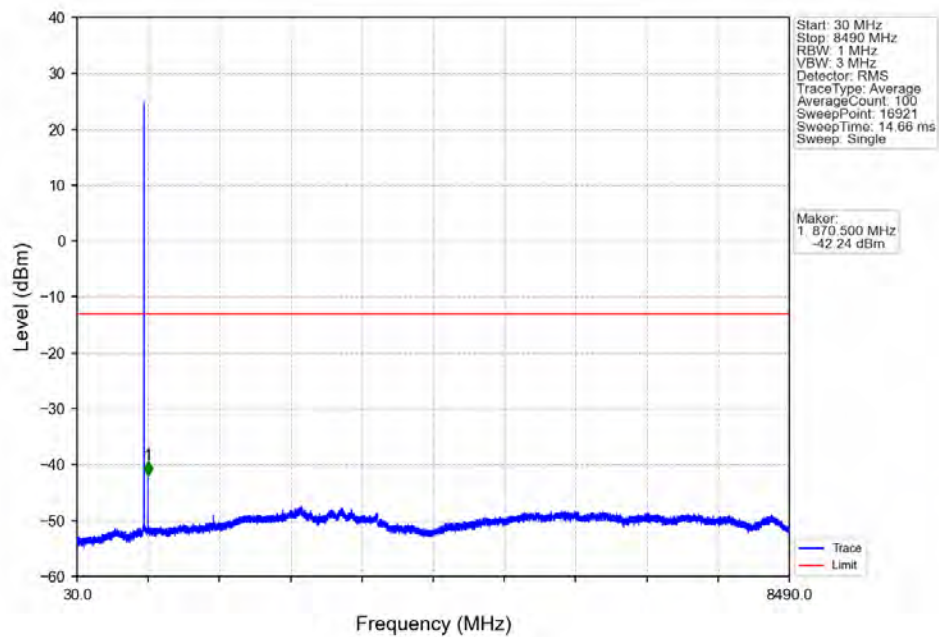
Band5 3MHz QPSK LCH 825.5MHz RB 1 0 NTNV



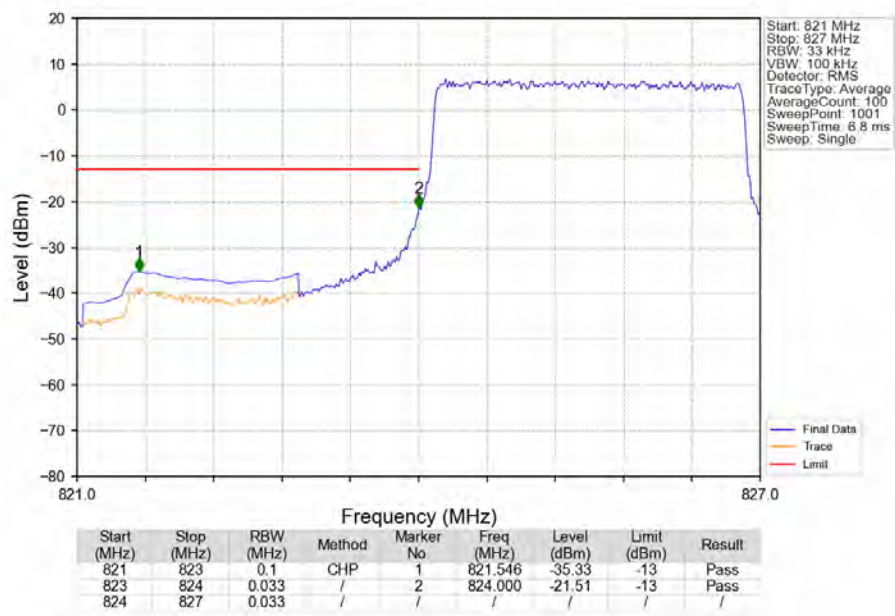
Band5 3MHz QPSK LCH 825.5MHz RB 1 0 NTNV



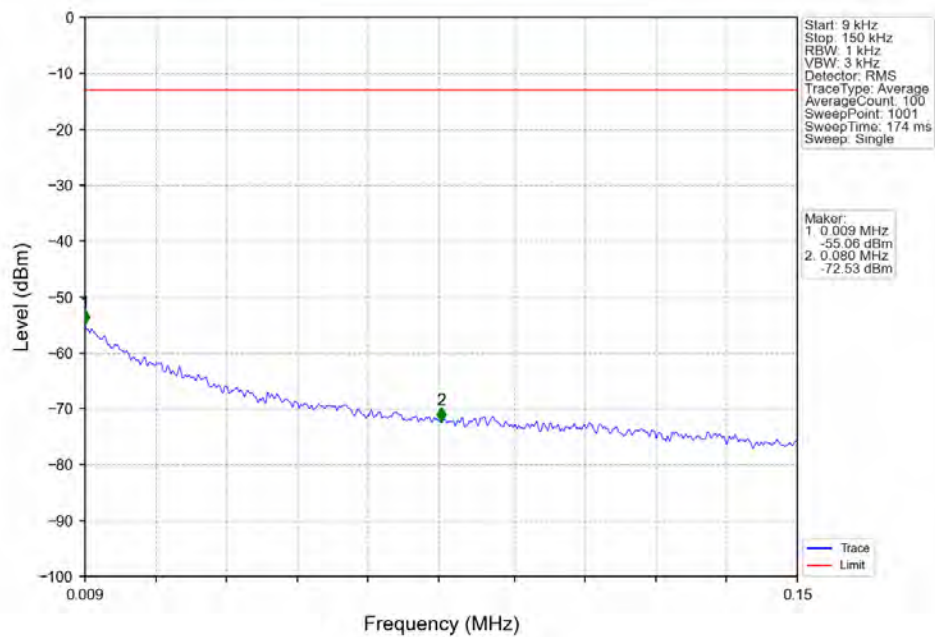
Band5 3MHz QPSK LCH 825.5MHz RB 1 0 NTNV



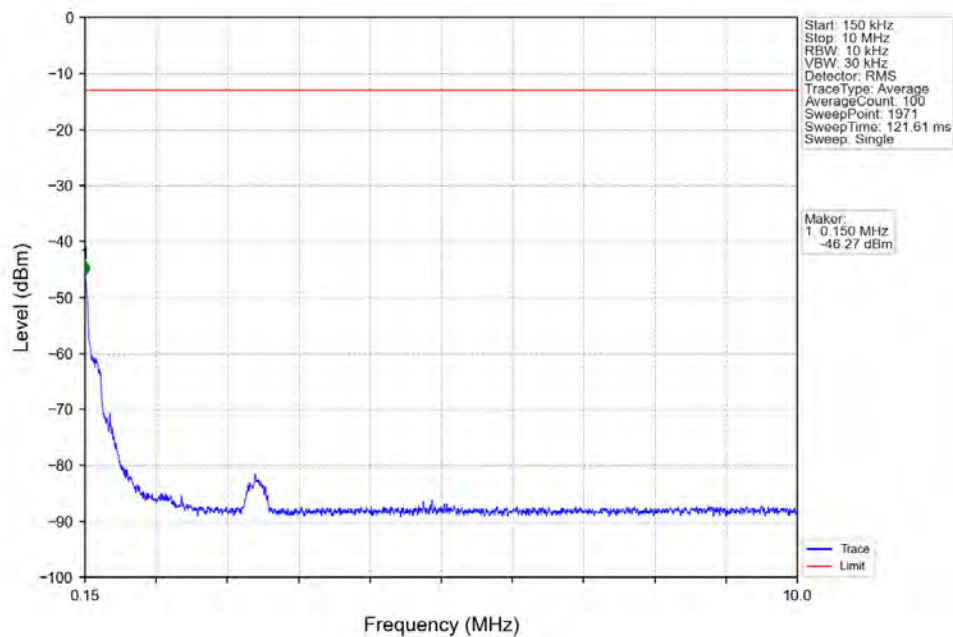
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



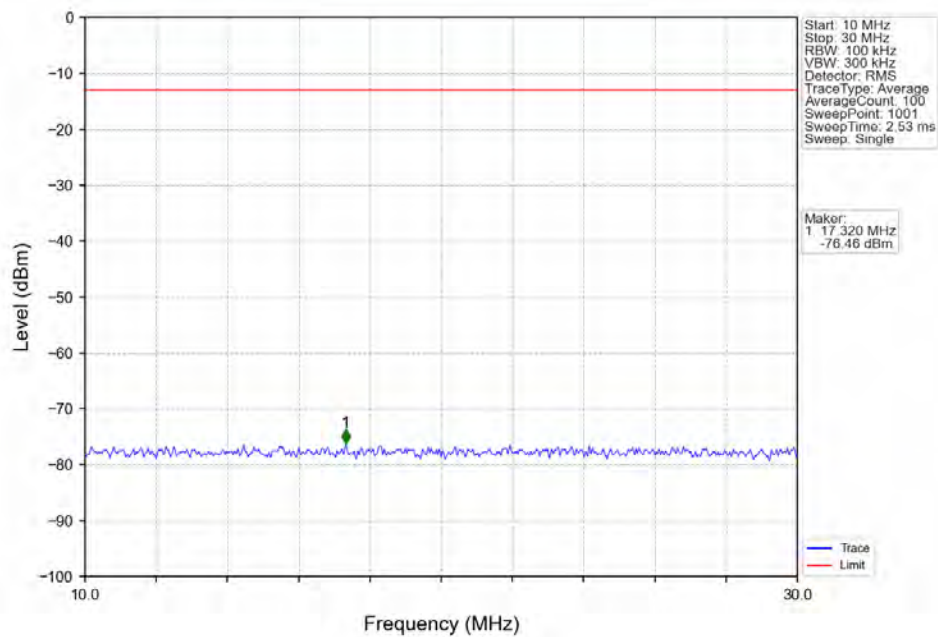
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTNV



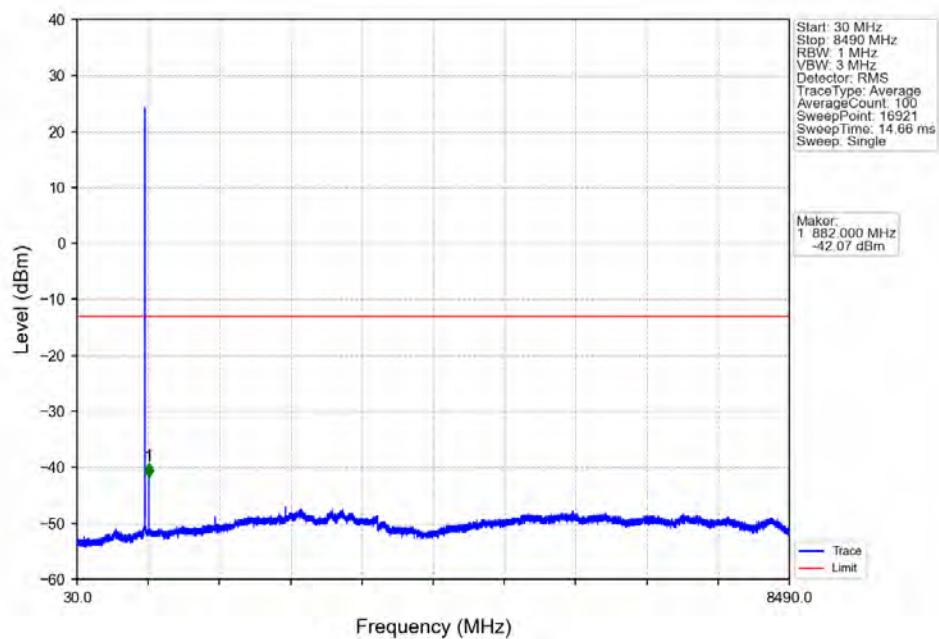
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTNV



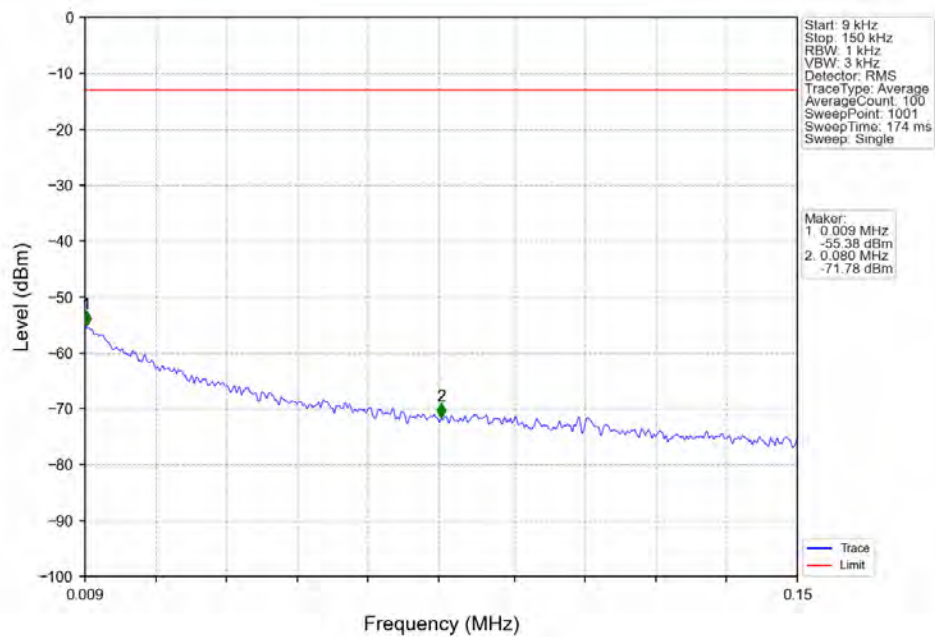
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTNV



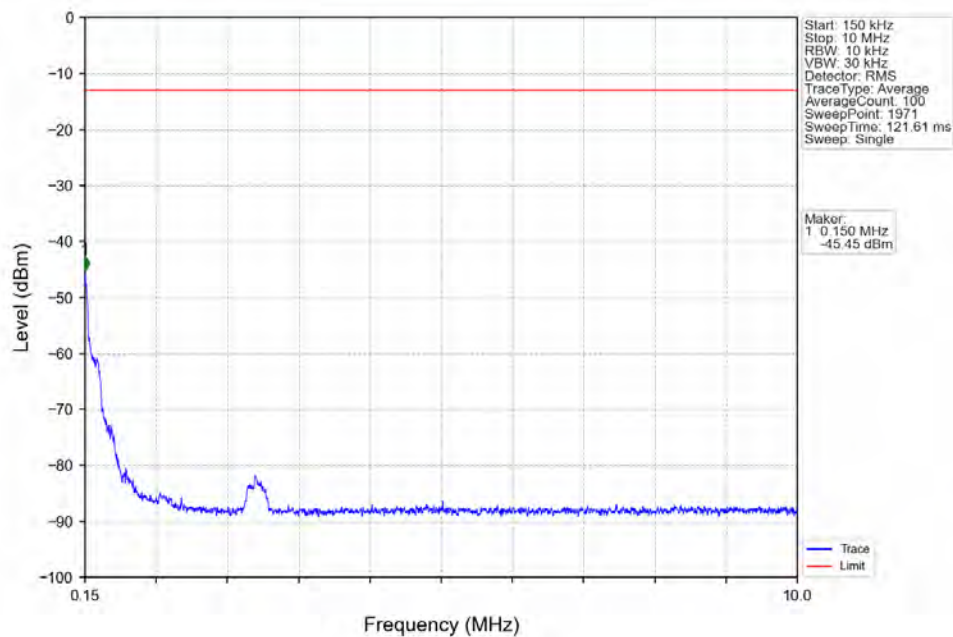
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



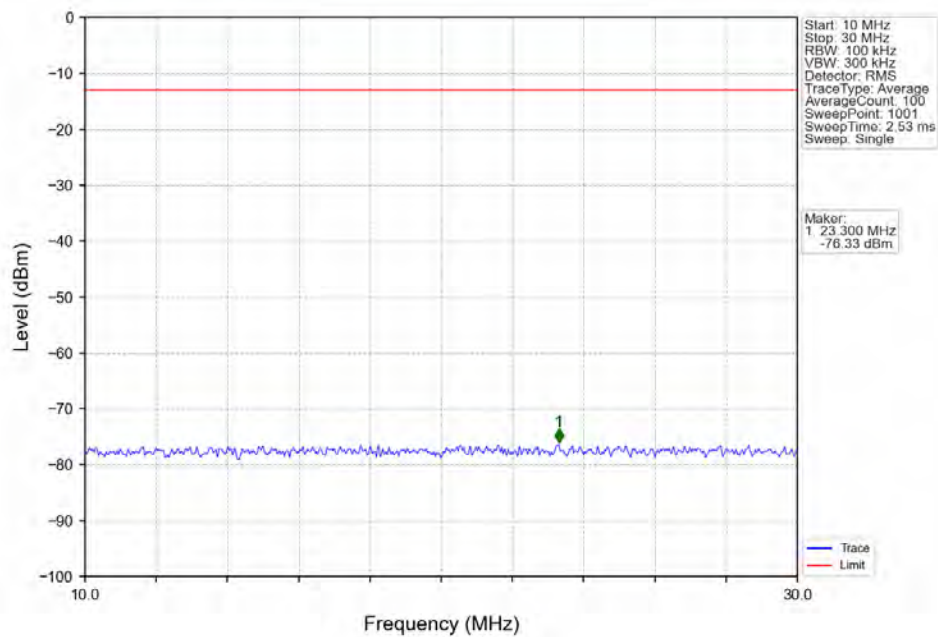
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



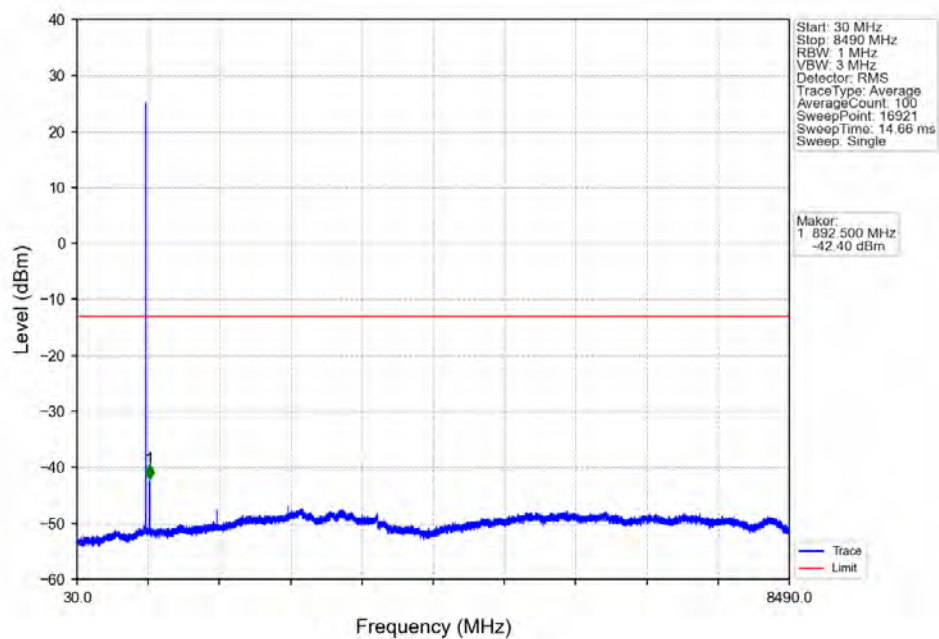
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



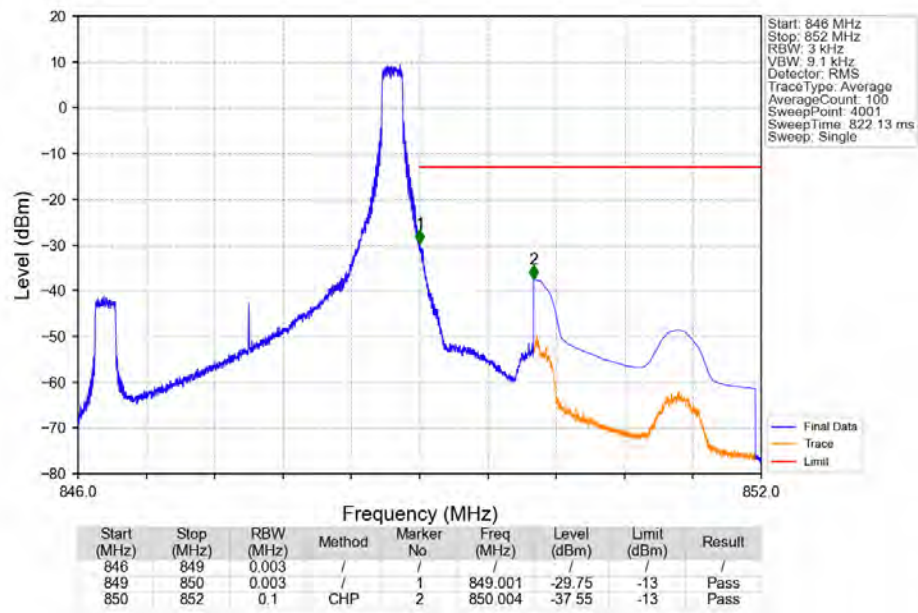
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



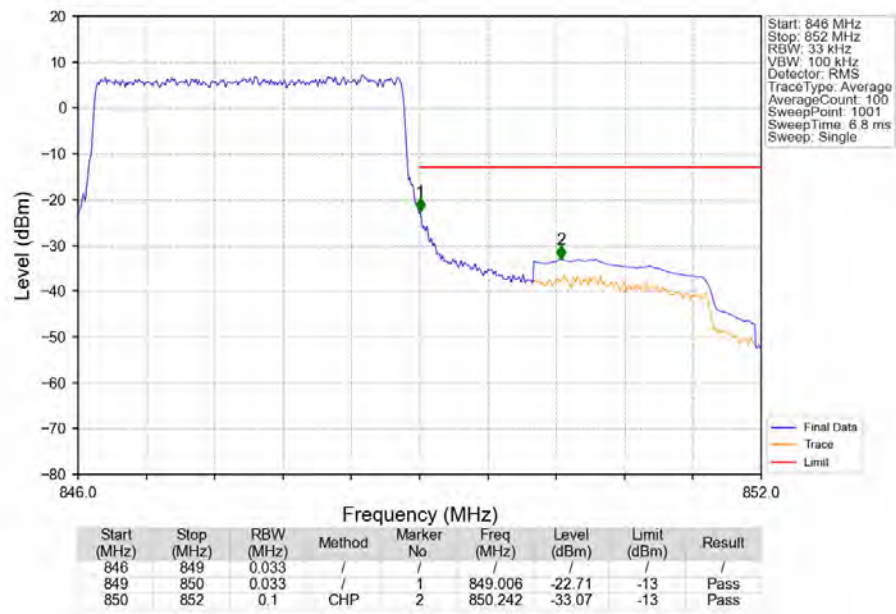
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



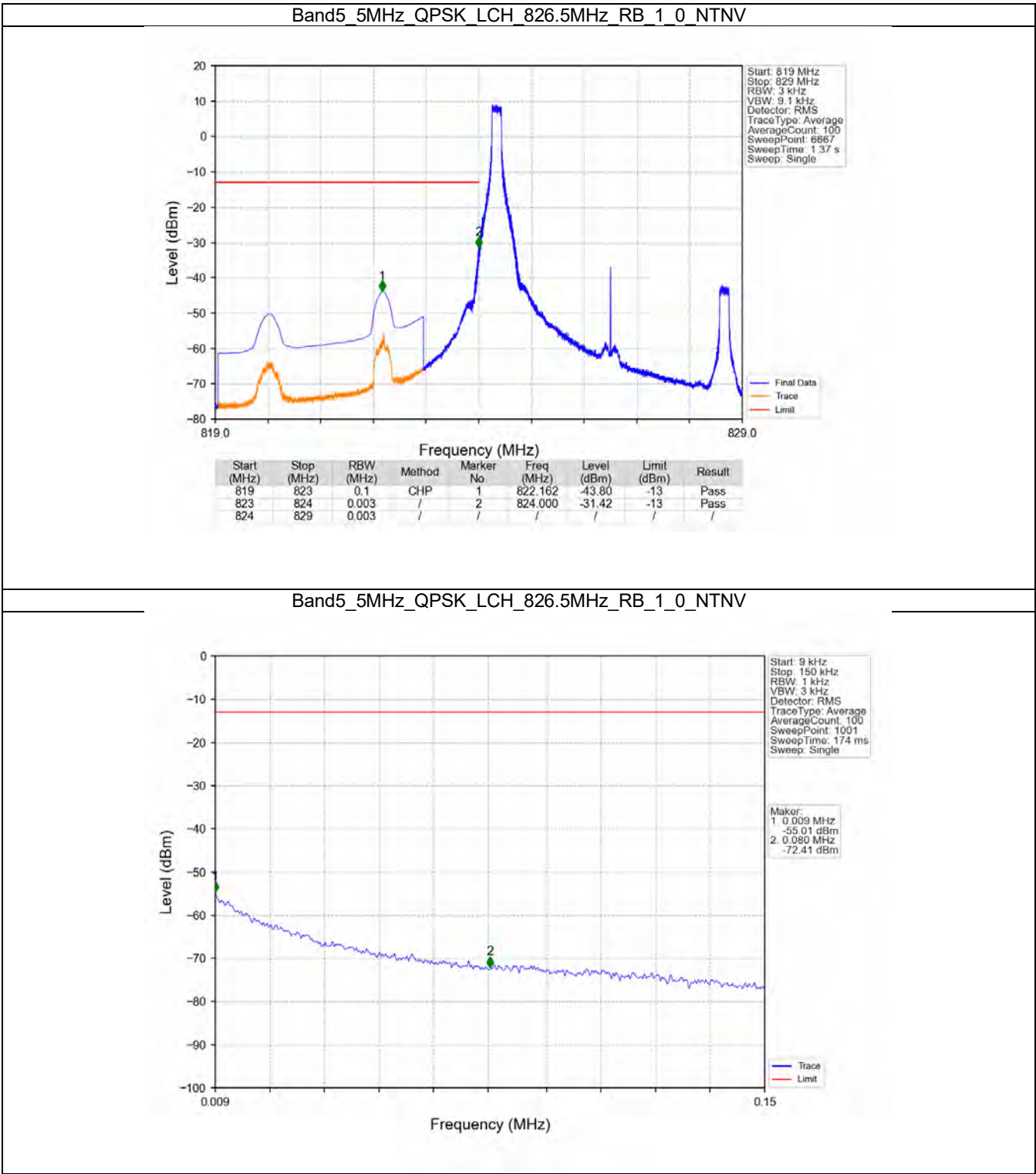
Band5 3MHz QPSK HCH 847.5MHz RB 1 14 NTN



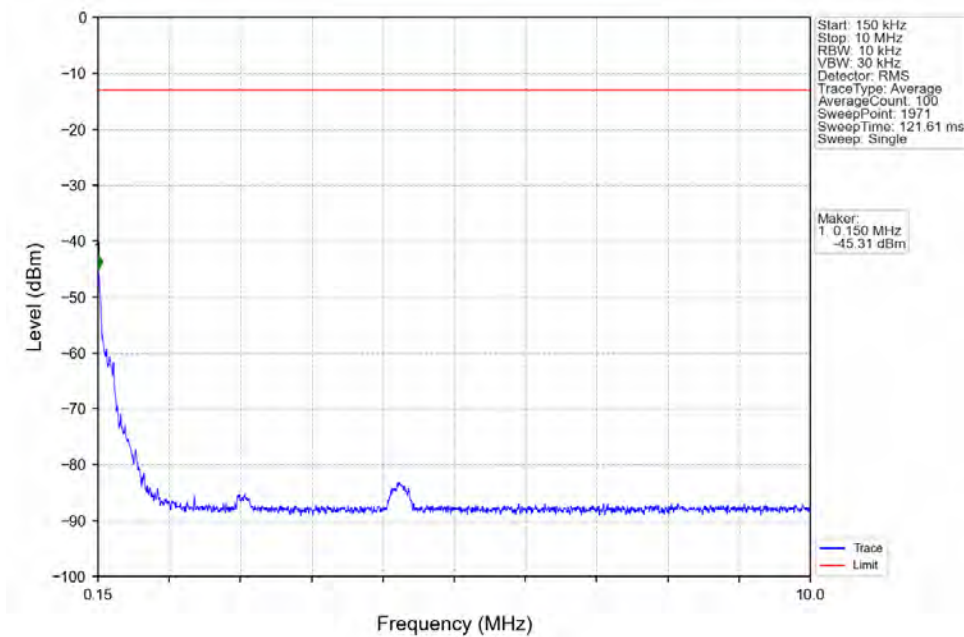
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



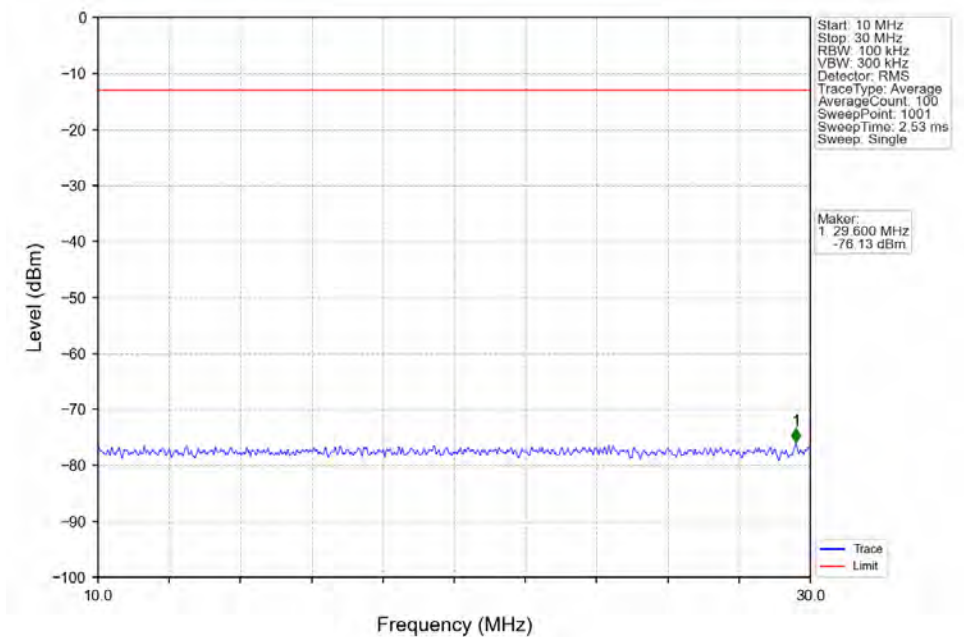
5.2.3 B5_5MHz



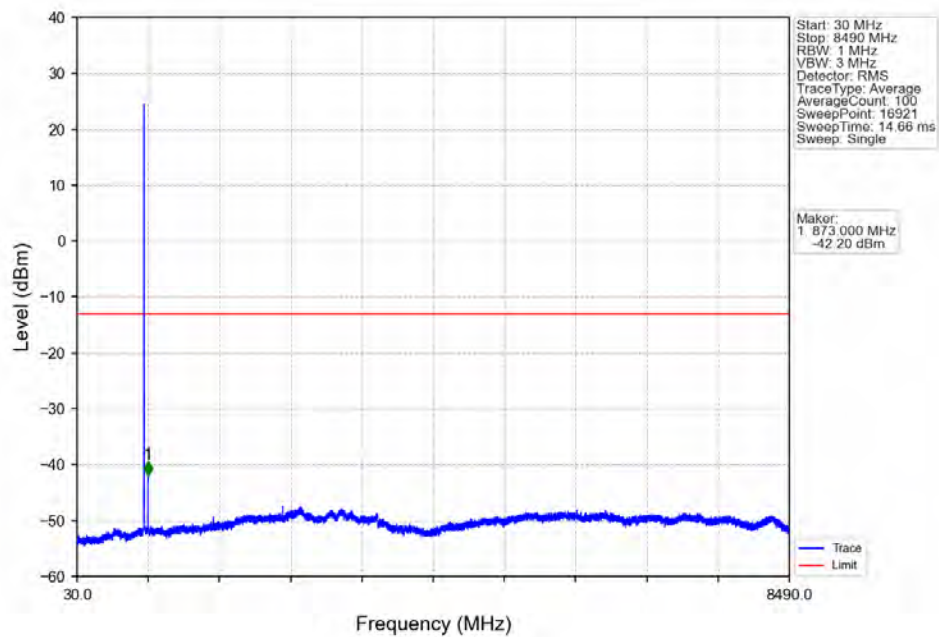
Band5 5MHz QPSK LCH 826.5MHz RB 1 0 NTNV



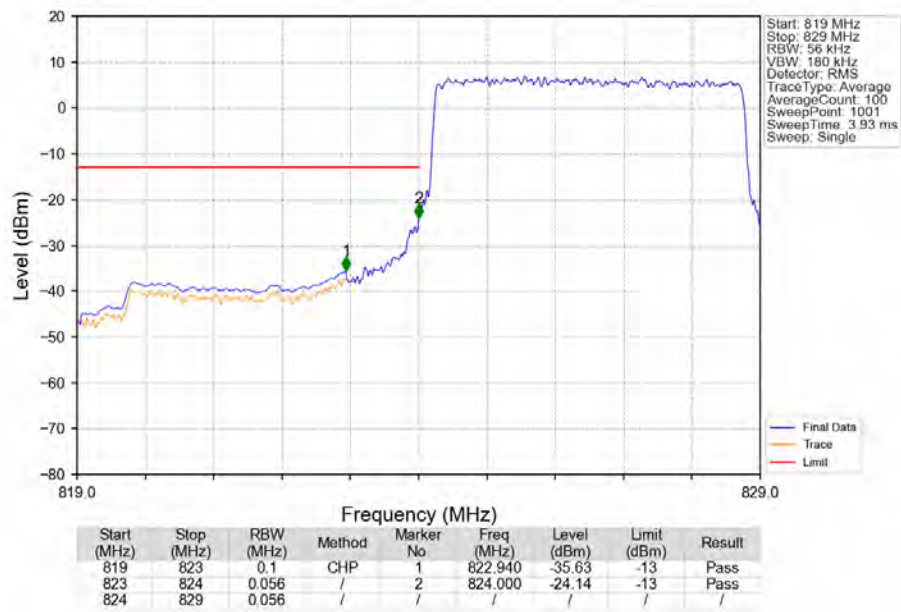
Band5 5MHz QPSK LCH 826.5MHz RB 1 0 NTNV



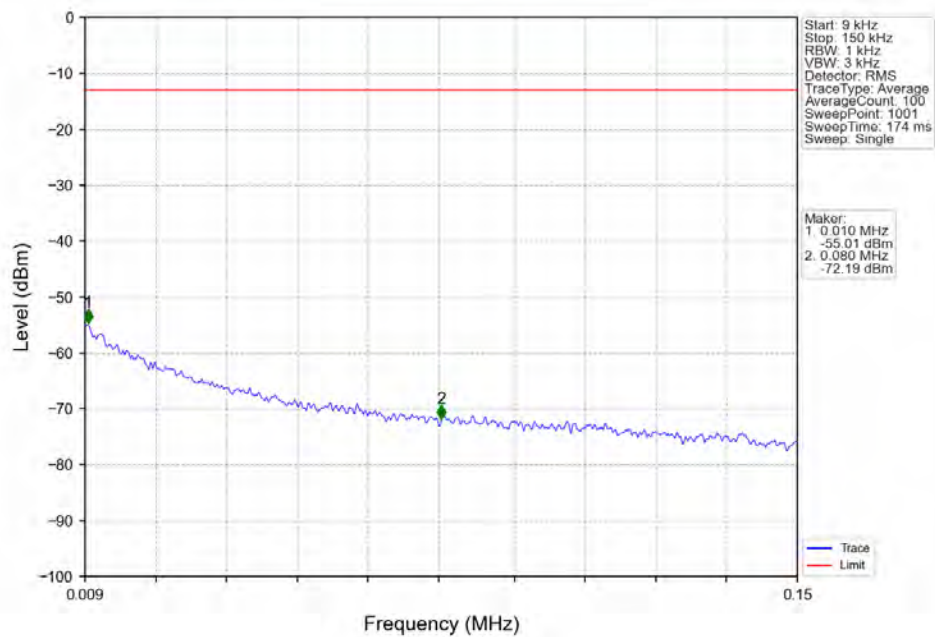
Band5 5MHz QPSK LCH 826.5MHz RB 1 0 NTNV



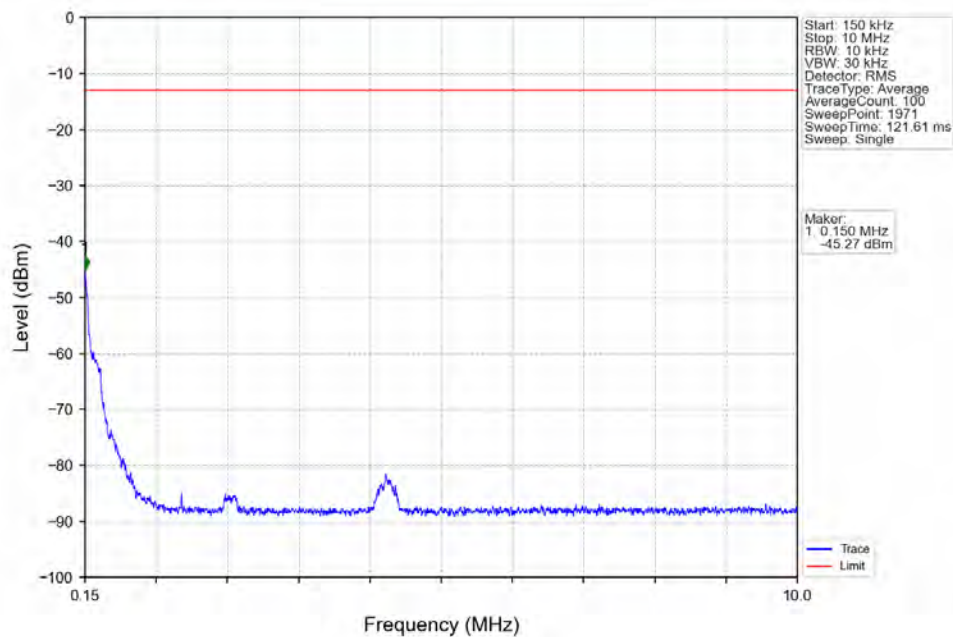
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



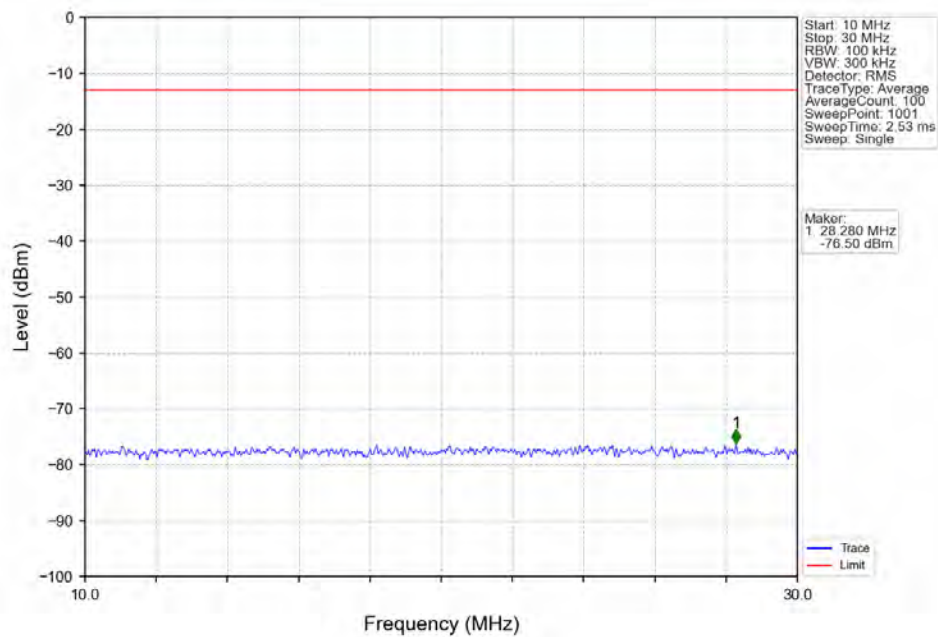
Band5 5MHz QPSK MCH 836.5MHz RB 1 0 NTNV



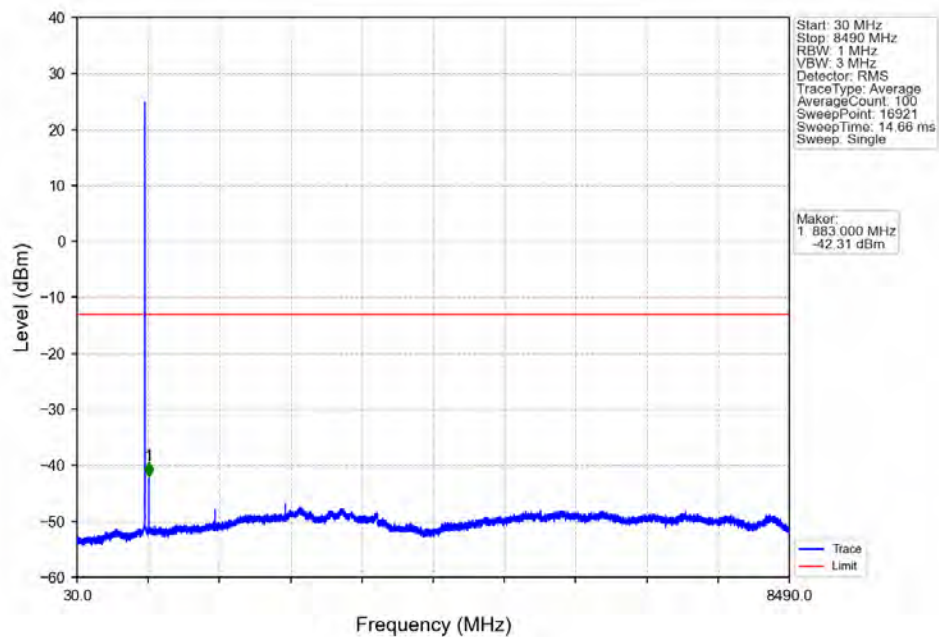
Band5 5MHz QPSK MCH 836.5MHz RB 1 0 NTNV



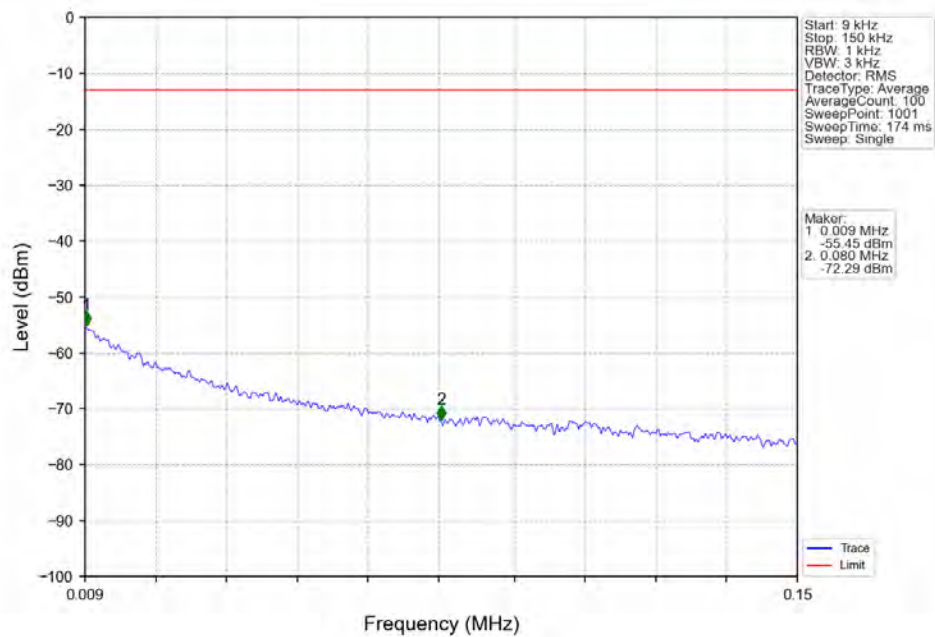
Band5 5MHz QPSK MCH 836.5MHz RB 1 0 NTNV



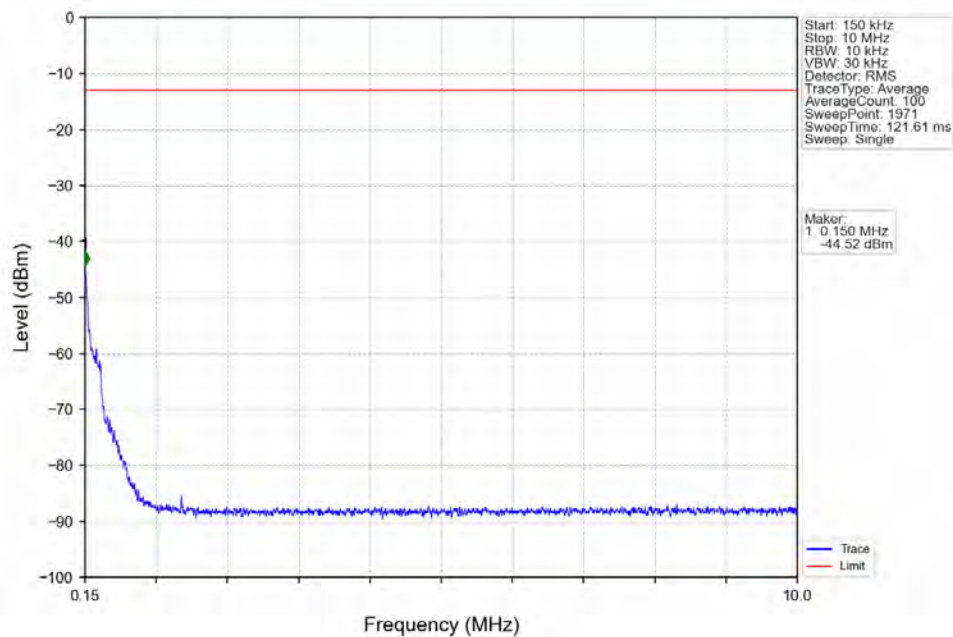
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



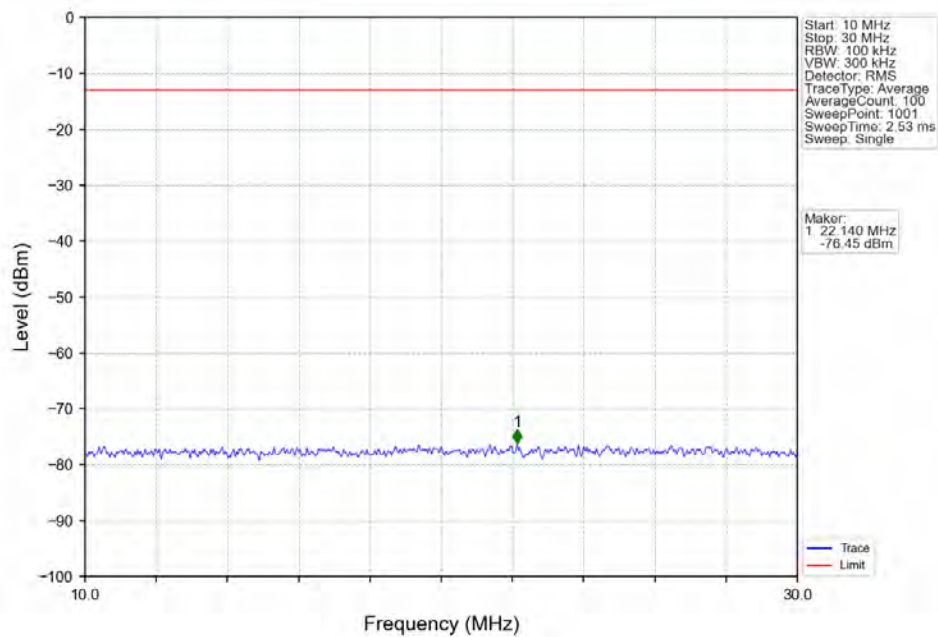
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



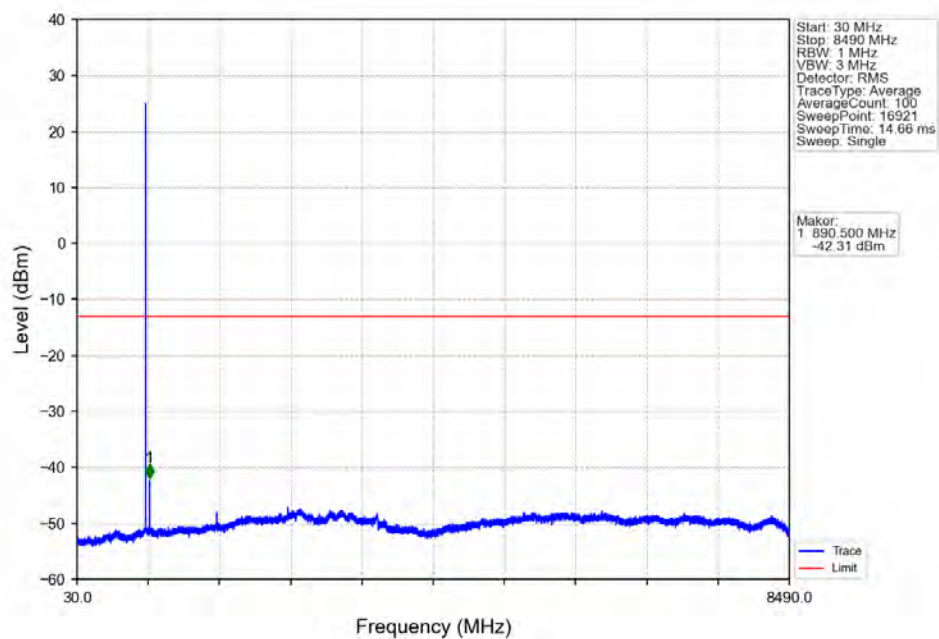
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



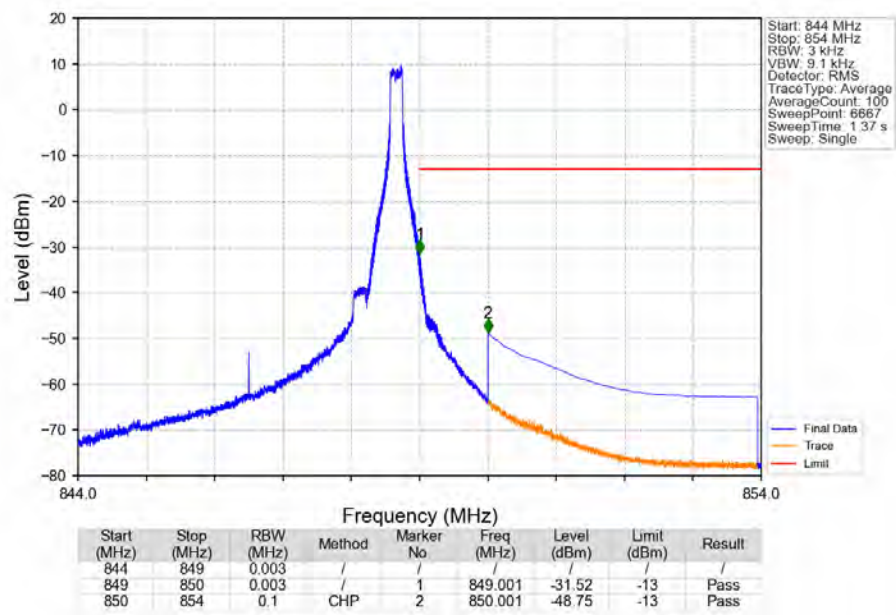
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



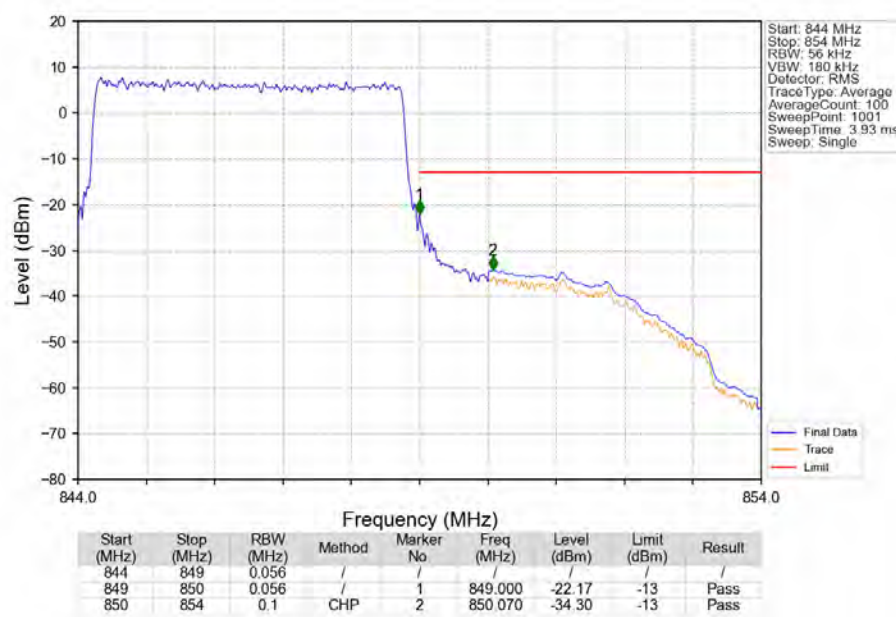
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



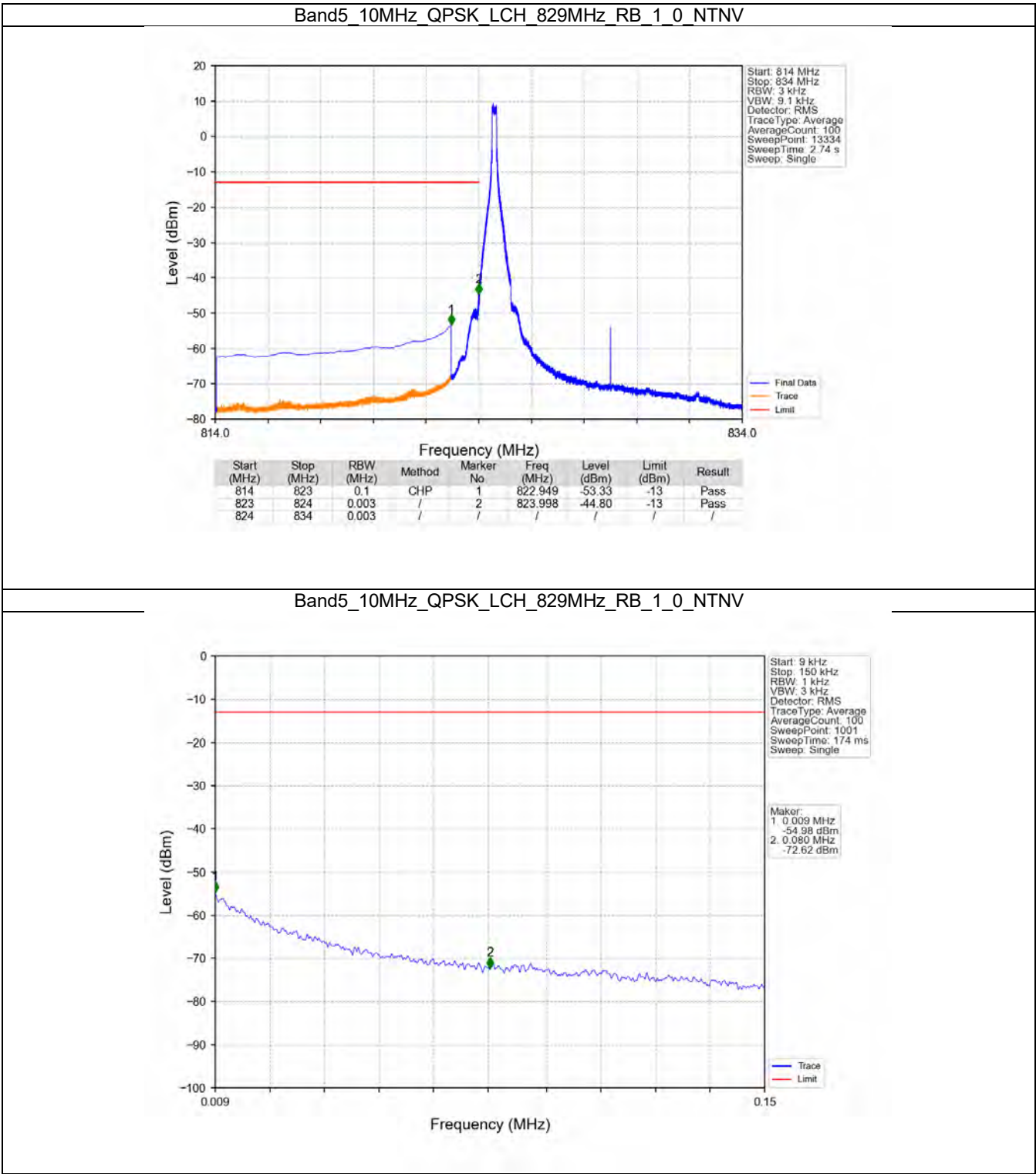
Band5 5MHz QPSK HCH 846.5MHz RB 1 24 NTNV



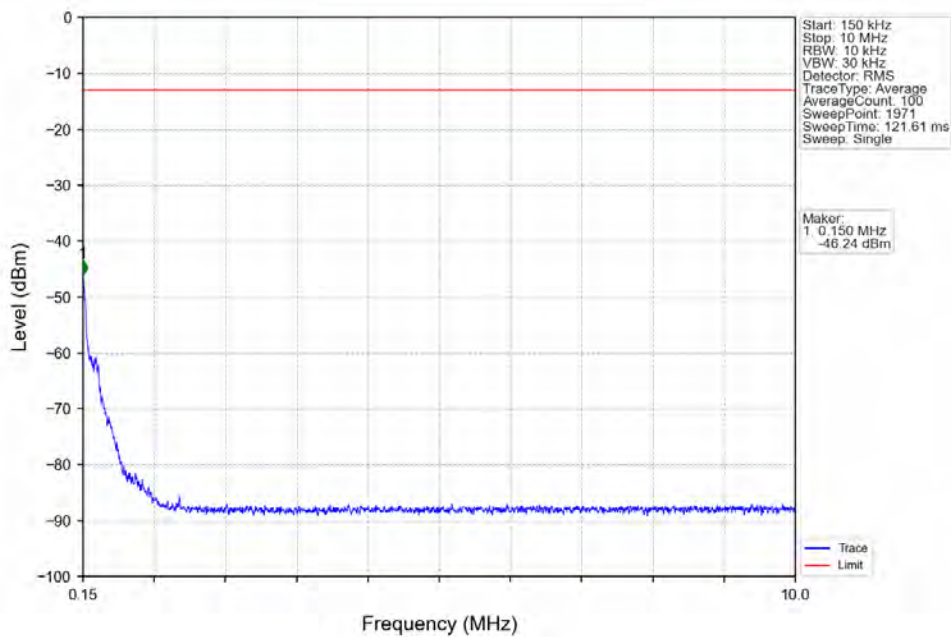
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTNV



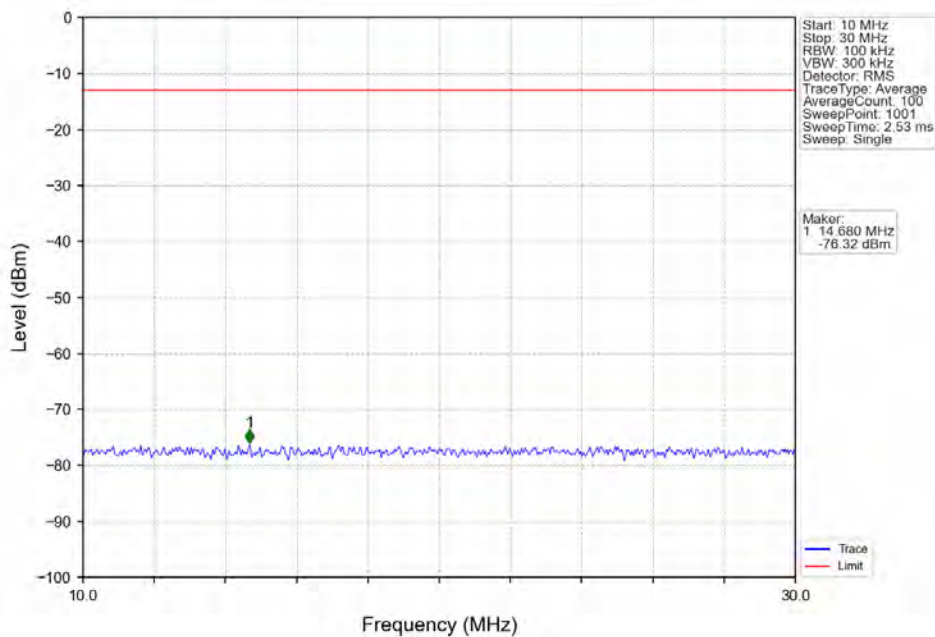
5.2.4 B5_10MHz



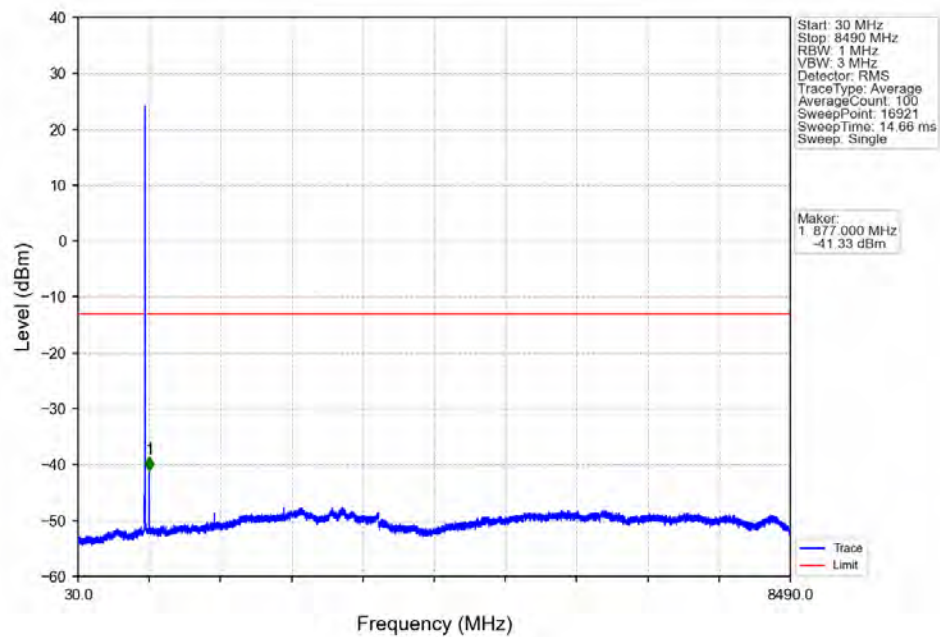
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



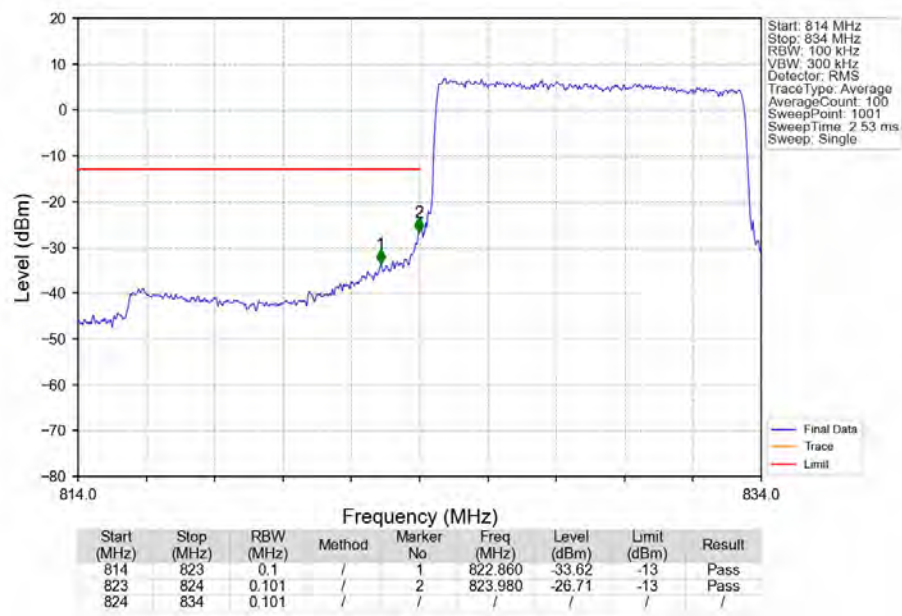
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



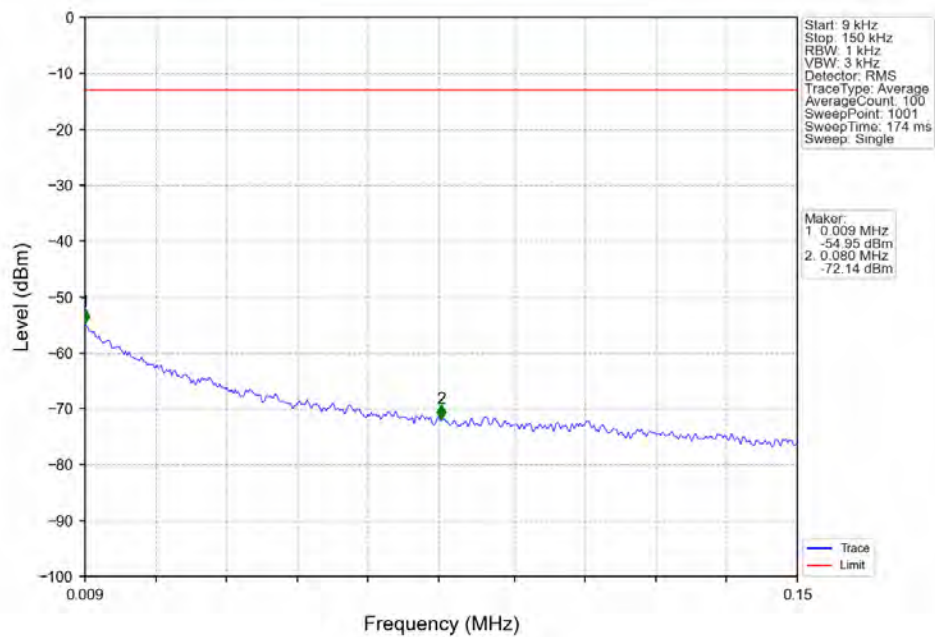
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



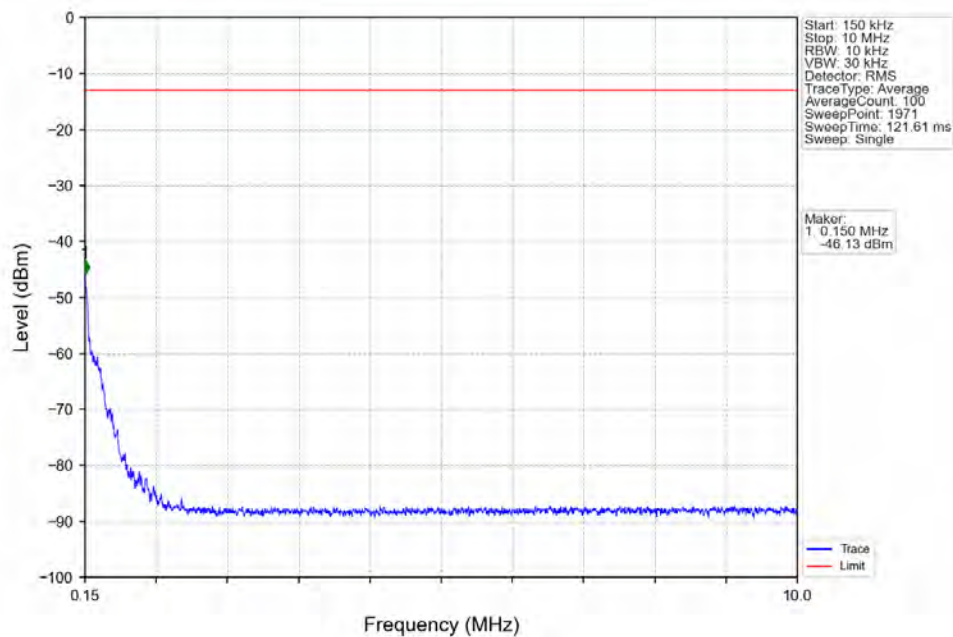
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



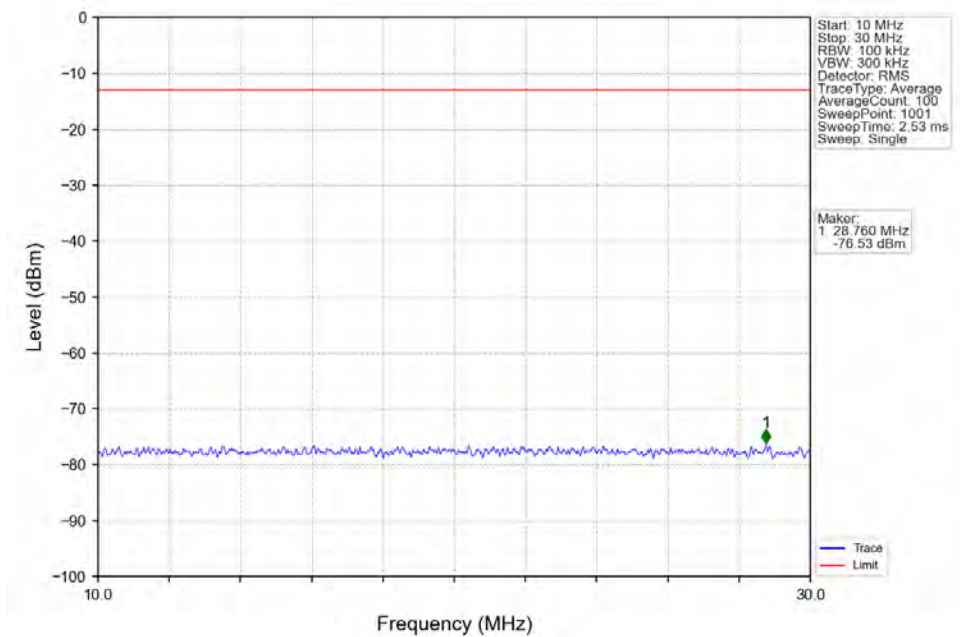
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



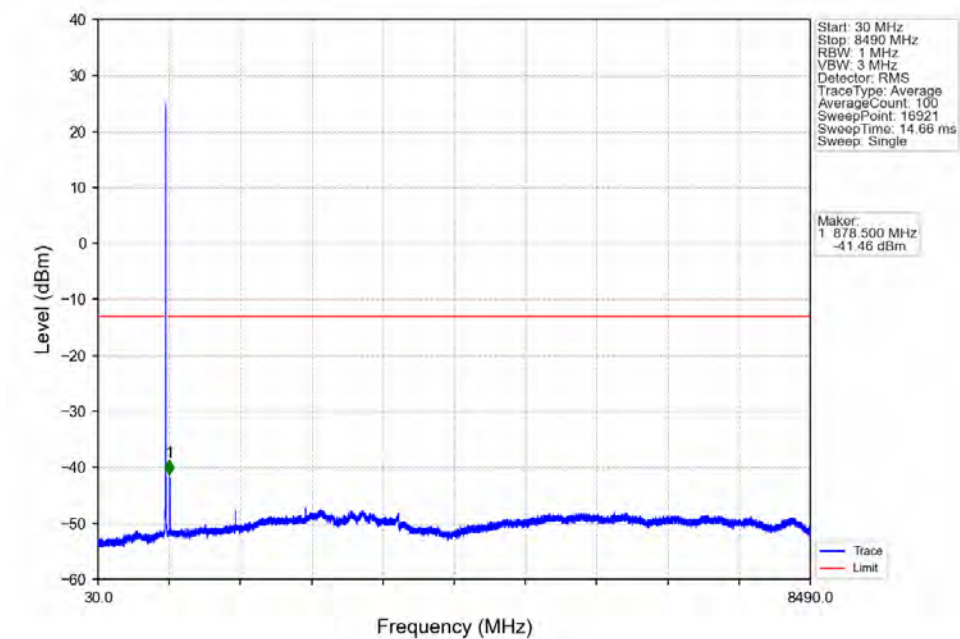
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



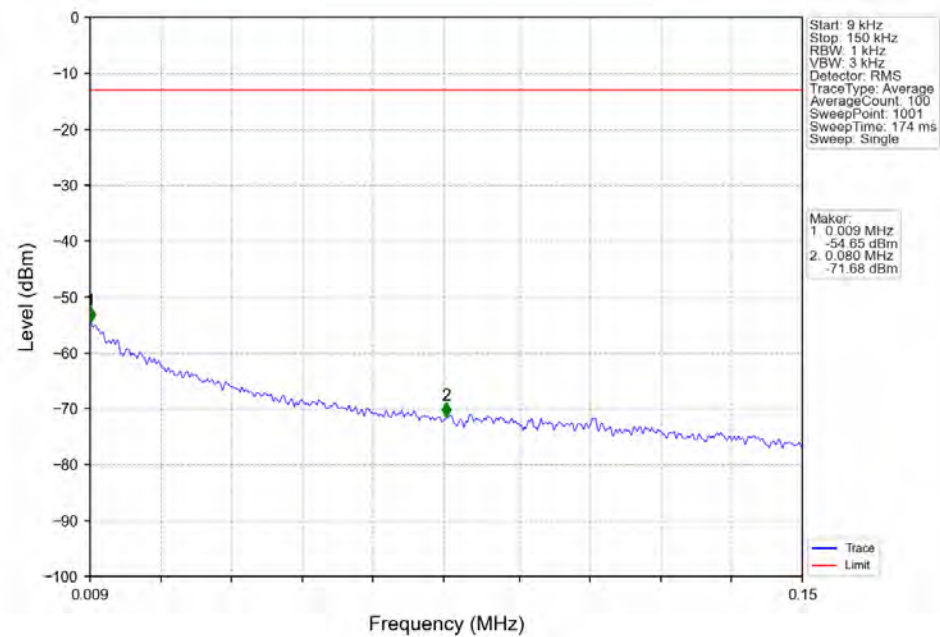
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



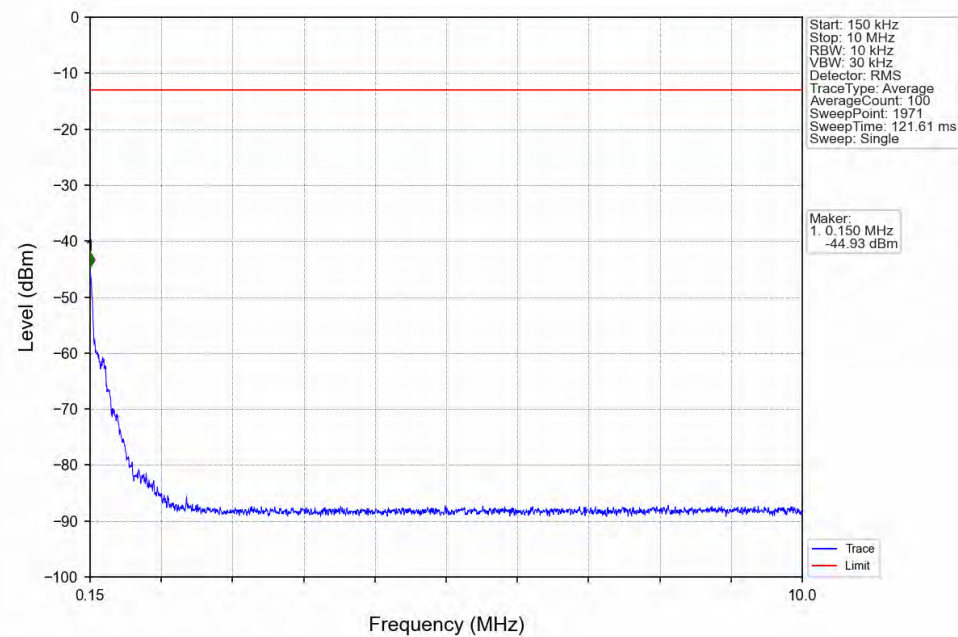
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



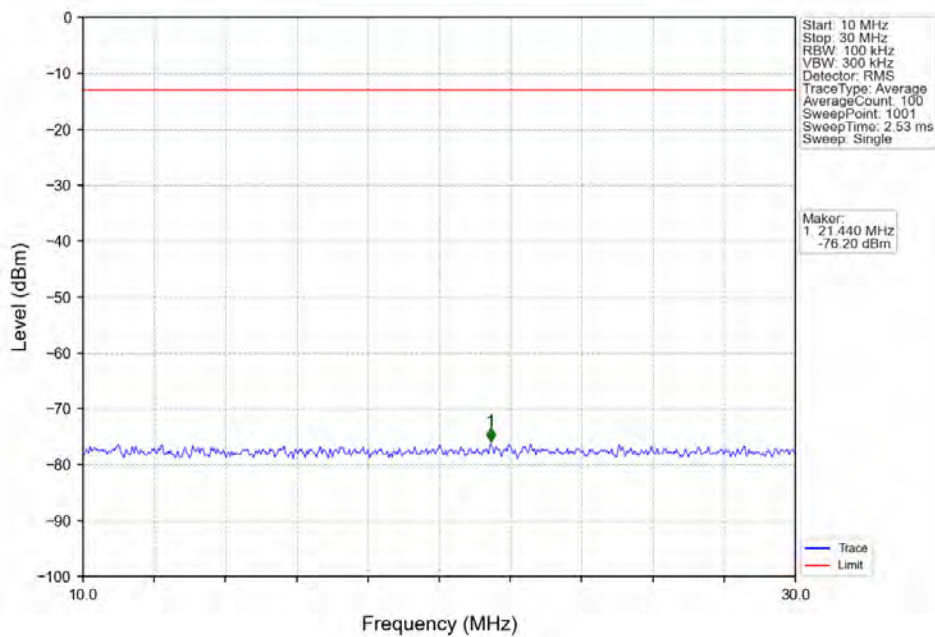
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



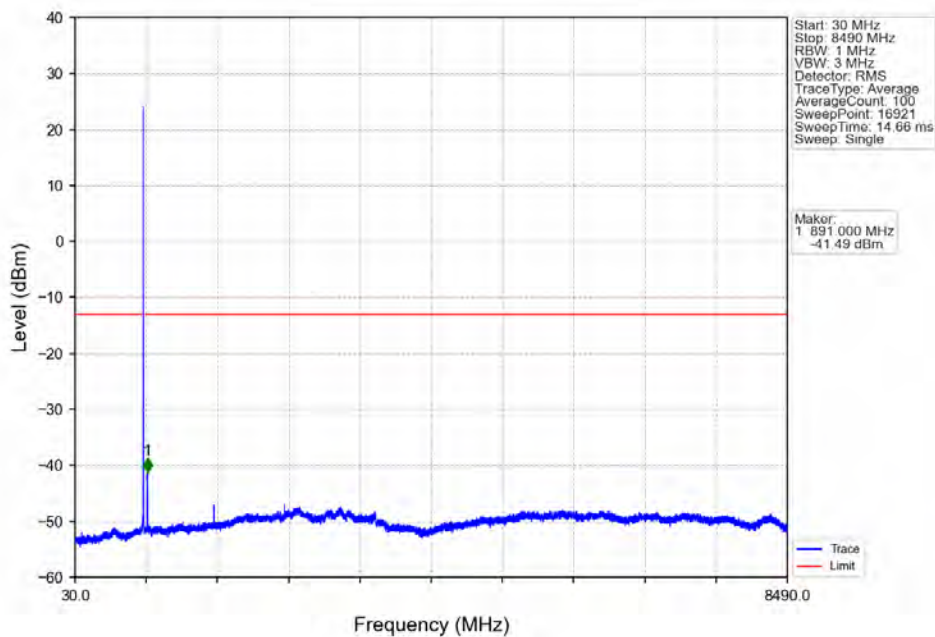
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



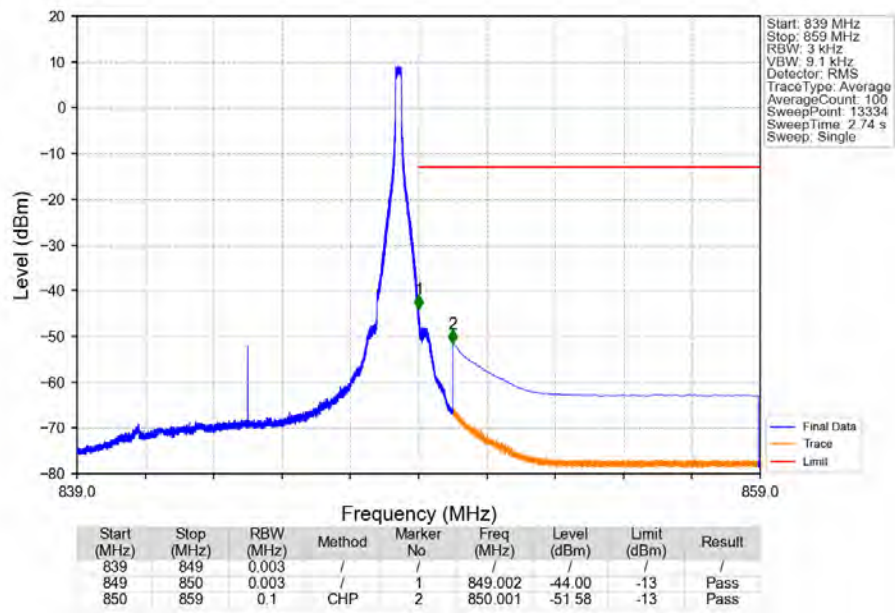
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



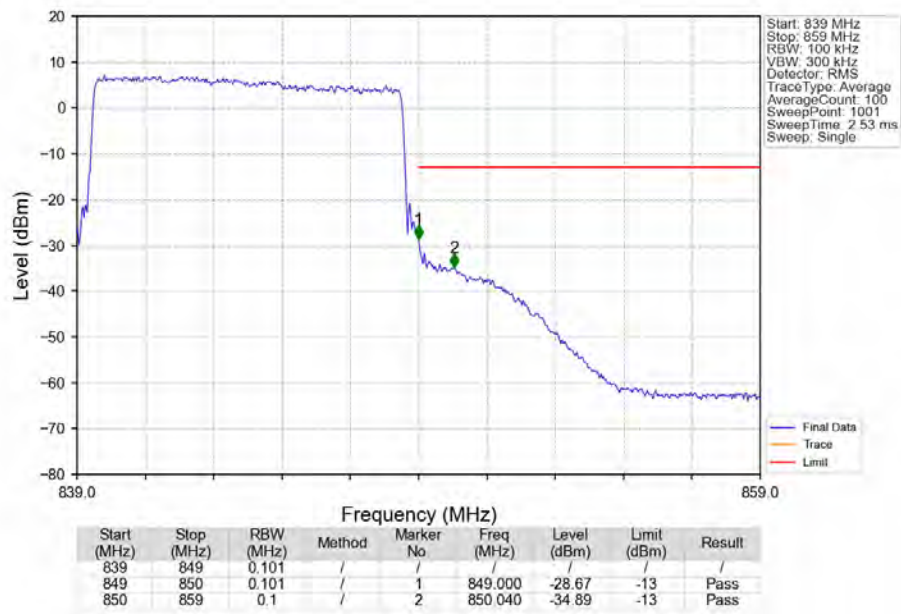
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



6. Field Strength of Spurious Radiation

For Sample #1:

Test Band = LTE Band5_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1270.2857	47.37	-48.26	25.14	-71.02	-13.00	58.02	Horizontal
2	2077.1429	46.57	-47.75	26.35	-70.09	-13.00	57.09	Horizontal
3	2705.7143	46.31	-47.04	27.57	-68.42	-13.00	55.42	Horizontal
4	3837.1429	45.29	-46.19	29.14	-67.02	-13.00	54.02	Horizontal
5	4431.4286	45.27	-45.80	30.44	-65.35	-13.00	52.35	Horizontal
6	6632.5714	43.98	-44.35	34.34	-61.29	-13.00	48.29	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1443.4286	46.83	-48.14	25.24	-71.33	-13.00	58.33	Vertical
2	1830.2857	46.34	-47.98	25.69	-71.21	-13.00	58.21	Vertical
3	2454.8571	46.53	-47.35	27.11	-68.97	-13.00	55.97	Vertical
4	3042.8571	46.15	-46.62	28.14	-67.59	-13.00	54.59	Vertical
5	4873.1429	44.78	-45.60	31.20	-64.88	-13.00	51.88	Vertical
6	6081.1429	45.28	-44.64	32.68	-61.95	-13.00	48.95	Vertical

Test Band = LTE Band5_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1315.4286	47.30	-48.11	25.16	-70.91	-13.00	57.91	Horizontal
2	1972	47.32	-47.94	26.12	-69.77	-13.00	56.77	Horizontal
3	2620	46.55	-46.95	27.42	-68.25	-13.00	55.25	Horizontal
4	3213.7143	45.25	-46.34	28.31	-68.04	-13.00	55.04	Horizontal
5	4898.8571	44.90	-45.58	31.24	-64.70	-13.00	51.70	Horizontal
6	6323.4286	45.22	-44.64	33.50	-61.18	-13.00	48.18	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1313.1429	47.13	-48.11	25.16	-71.09	-13.00	58.09	Vertical
2	1924	46.66	-48.01	25.97	-70.64	-13.00	57.64	Vertical
3	2510.2857	46.45	-47.24	27.22	-68.83	-13.00	55.83	Vertical
4	3510.8571	45.77	-46.52	28.62	-67.39	-13.00	54.39	Vertical
5	4532.5714	44.74	-45.66	30.65	-65.53	-13.00	52.53	Vertical
6	6205.7143	45.03	-44.87	33.10	-62.00	-13.00	49.00	Vertical

Test Band = LTE Band5_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1449.1429	47.01	-48.16	25.25	-71.16	-13.00	58.16	Horizontal
2	2092	46.64	-47.73	26.38	-69.96	-13.00	56.96	Horizontal
3	2702.2857	46.40	-47.05	27.56	-68.34	-13.00	55.34	Horizontal
4	3204	45.13	-46.31	28.30	-68.13	-13.00	55.13	Horizontal
5	3954.2857	45.31	-46.21	29.33	-66.84	-13.00	53.84	Horizontal
6	5410.2857	45.46	-44.99	32.14	-62.65	-13.00	49.65	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1404	46.89	-48.01	25.20	-71.18	-13.00	58.18	Vertical
2	1781.7143	46.76	-47.99	25.58	-70.91	-13.00	57.91	Vertical
3	2593.7143	46.28	-46.95	27.37	-68.56	-13.00	55.56	Vertical
4	3490.2857	45.32	-46.54	28.59	-67.89	-13.00	54.89	Vertical
5	4450.2857	45.01	-45.74	30.48	-65.51	-13.00	52.51	Vertical
6	5440.5714	45.10	-45.04	32.19	-63.01	-13.00	50.01	Vertical

For Sample #2:

Test Band = LTE Band5_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1764.5714	46.06	-48.02	25.56	-71.66	-13.00	58.66	Horizontal
2	3890.8571	44.57	-46.22	29.23	-67.69	-13.00	54.69	Horizontal
3	4557.7143	44.82	-45.71	30.69	-65.46	-13.00	52.46	Horizontal
4	6256	44.97	-44.73	33.27	-61.75	-13.00	48.75	Horizontal
5	7068	44.26	-44.01	35.19	-59.82	-13.00	46.82	Horizontal
6	8396	43.83	-41.70	36.86	-56.27	-13.00	43.27	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1397.7143	44.78	-48.00	25.20	-73.28	-13.00	60.28	Vertical
2	2066.2857	45.46	-47.77	26.33	-71.24	-13.00	58.24	Vertical
3	2707.4286	45.20	-47.04	27.57	-69.53	-13.00	56.53	Vertical
4	3177.7143	44.40	-46.39	28.28	-68.97	-13.00	55.97	Vertical
5	4893.1429	43.42	-45.58	31.23	-66.20	-13.00	53.20	Vertical
6	7370.2857	42.86	-43.32	36.04	-59.69	-13.00	46.69	Vertical

Test Band = LTE Band5_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1537.7143	46.21	-48.30	25.34	-72.02	-13.00	59.02	Horizontal
2	2092.5714	48.34	-47.72	26.39	-68.26	-13.00	55.26	Horizontal
3	2805.7143	45.47	-46.90	27.75	-68.94	-13.00	55.94	Horizontal
4	3949.1429	44.54	-46.22	29.32	-67.62	-13.00	54.62	Horizontal
5	5322.8571	44.99	-45.22	31.98	-63.51	-13.00	50.51	Horizontal
6	7442.2857	49.02	-43.33	36.24	-53.33	-13.00	40.33	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1484	37.95	-48.27	25.28	-80.29	-13.00	67.29	Vertical
2	1788	38.86	-47.98	25.59	-78.79	-13.00	65.79	Vertical
3	2262.2857	39.75	-47.57	26.72	-76.35	-13.00	63.35	Vertical
4	3046.8571	41.45	-46.63	28.15	-72.29	-13.00	59.29	Vertical
5	4100.5714	38.87	-45.90	29.64	-72.65	-13.00	59.65	Vertical
6	5546.2857	41.28	-45.20	32.31	-66.87	-13.00	53.87	Vertical

Test Band = LTE Band5_ TM1
Test Channel = High

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406.8571	46.39	-48.02	25.21	-71.69	-13.00	58.69	Horizontal
2	2092.5714	48.09	-47.72	26.39	-68.51	-13.00	55.51	Horizontal
3	2404.5714	48.13	-47.44	27.01	-67.56	-13.00	54.56	Horizontal
4	3122.2857	45.81	-46.65	28.22	-67.88	-13.00	54.88	Horizontal
5	4176	43.79	-45.95	29.82	-67.59	-13.00	54.59	Horizontal
6	6170.8571	44.87	-44.83	32.98	-62.24	-13.00	49.24	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1540.5714	37.54	-48.30	25.34	-80.68	-13.00	67.68	Vertical
2	2046.2857	39.33	-47.81	26.29	-77.45	-13.00	64.45	Vertical
3	3042.8571	41.33	-46.62	28.14	-72.41	-13.00	59.41	Vertical
4	3826.2857	40.14	-46.18	29.12	-72.18	-13.00	59.18	Vertical
5	4783.4286	40.53	-45.67	31.05	-69.34	-13.00	56.34	Vertical
6	5546.8571	41.51	-45.20	32.31	-66.64	-13.00	53.64	Vertical