

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

Band: 5 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	22.27	-4.37	15.75	<=38.45	Pass
			2	22.18	-4.37	15.66	<=38.45	Pass
			5	22.23	-4.37	15.71	<=38.45	Pass
		3	0	22.12	-4.37	15.60	<=38.45	Pass
			2	22.18	-4.37	15.66	<=38.45	Pass
			3	22.12	-4.37	15.60	<=38.45	Pass
		6	0	21.18	-4.37	14.66	<=38.45	Pass
	836.5	1	0	22.49	-4.37	15.97	<=38.45	Pass
			2	22.48	-4.37	15.96	<=38.45	Pass
			5	22.56	-4.37	16.04	<=38.45	Pass
		3	0	22.42	-4.37	15.90	<=38.45	Pass
			2	22.39	-4.37	15.87	<=38.45	Pass
			3	22.41	-4.37	15.89	<=38.45	Pass
	6	0	21.34	-4.37	14.82	<=38.45	Pass	
	848.3	1	0	22.77	-4.37	16.25	<=38.45	Pass
			2	22.54	-4.37	16.02	<=38.45	Pass
			5	22.50	-4.37	15.98	<=38.45	Pass
		3	0	22.26	-4.37	15.74	<=38.45	Pass
			2	22.29	-4.37	15.77	<=38.45	Pass
			3	22.28	-4.37	15.76	<=38.45	Pass
		6	0	21.19	-4.37	14.67	<=38.45	Pass
16QAM		824.7	1	0	21.73	-4.37	15.21	<=38.45
	2			21.11	-4.37	14.59	<=38.45	Pass
	5			21.78	-4.37	15.26	<=38.45	Pass
	3		0	21.44	-4.37	14.92	<=38.45	Pass
			2	21.25	-4.37	14.73	<=38.45	Pass
			3	21.40	-4.37	14.88	<=38.45	Pass
	6		0	20.00	-4.37	13.48	<=38.45	Pass
	836.5	1	0	21.52	-4.37	15.00	<=38.45	Pass
			2	21.89	-4.37	15.37	<=38.45	Pass
			5	21.64	-4.37	15.12	<=38.45	Pass
		3	0	21.40	-4.37	14.88	<=38.45	Pass
			2	21.64	-4.37	15.12	<=38.45	Pass
			3	21.58	-4.37	15.06	<=38.45	Pass
	6	0	20.11	-4.37	13.59	<=38.45	Pass	
	848.3	1	0	21.28	-4.37	14.76	<=38.45	Pass
			2	21.30	-4.37	14.78	<=38.45	Pass
			5	21.16	-4.37	14.64	<=38.45	Pass
		3	0	21.31	-4.37	14.79	<=38.45	Pass
			2	21.33	-4.37	14.81	<=38.45	Pass
			3	20.67	-4.37	14.15	<=38.45	Pass
		6	0	20.09	-4.37	13.57	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B5_3MHz_ERP

Band: 5 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	22.06	-4.37	15.54	<=38.45	Pass
			7	22.05	-4.37	15.53	<=38.45	Pass
			14	22.08	-4.37	15.56	<=38.45	Pass
		8	0	21.32	-4.37	14.80	<=38.45	Pass
			4	21.33	-4.37	14.81	<=38.45	Pass
			7	21.24	-4.37	14.72	<=38.45	Pass
		15	0	21.27	-4.37	14.75	<=38.45	Pass
	836.5	1	0	22.32	-4.37	15.80	<=38.45	Pass
			7	23.37	-4.37	16.85	<=38.45	Pass
			14	23.31	-4.37	16.79	<=38.45	Pass
		8	0	21.24	-4.37	14.72	<=38.45	Pass
			4	21.40	-4.37	14.88	<=38.45	Pass
			7	21.45	-4.37	14.93	<=38.45	Pass
		15	0	21.33	-4.37	14.81	<=38.45	Pass
	847.5	1	0	22.38	-4.37	15.86	<=38.45	Pass
			7	22.28	-4.37	15.76	<=38.45	Pass
			14	22.29	-4.37	15.77	<=38.45	Pass
		8	0	21.21	-4.37	14.69	<=38.45	Pass
			4	21.18	-4.37	14.66	<=38.45	Pass
			7	21.17	-4.37	14.65	<=38.45	Pass
		15	0	21.14	-4.37	14.62	<=38.45	Pass
16QAM	825.5	1	0	21.46	-4.37	14.94	<=38.45	Pass
			7	21.56	-4.37	15.04	<=38.45	Pass
			14	21.73	-4.37	15.21	<=38.45	Pass
		8	0	20.47	-4.37	13.95	<=38.45	Pass
			4	20.40	-4.37	13.88	<=38.45	Pass
			7	20.40	-4.37	13.88	<=38.45	Pass
		15	0	20.43	-4.37	13.91	<=38.45	Pass
	836.5	1	0	21.49	-4.37	14.97	<=38.45	Pass
			7	21.40	-4.37	14.88	<=38.45	Pass
			14	21.66	-4.37	15.14	<=38.45	Pass
		8	0	20.46	-4.37	13.94	<=38.45	Pass
			4	20.25	-4.37	13.73	<=38.45	Pass
			7	20.52	-4.37	14.00	<=38.45	Pass
		15	0	20.87	-4.37	14.35	<=38.45	Pass
	847.5	1	0	21.31	-4.37	14.79	<=38.45	Pass
			7	21.09	-4.37	14.57	<=38.45	Pass
			14	21.63	-4.37	15.11	<=38.45	Pass
		8	0	20.91	-4.37	14.39	<=38.45	Pass
			4	20.42	-4.37	13.90	<=38.45	Pass
			7	20.54	-4.37	14.02	<=38.45	Pass
		15	0	20.12	-4.37	13.60	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	22.18	-4.37	15.66	<=38.45	Pass
			13	22.28	-4.37	15.76	<=38.45	Pass
			24	22.24	-4.37	15.72	<=38.45	Pass
		12	0	21.38	-4.37	14.86	<=38.45	Pass
			6	21.26	-4.37	14.74	<=38.45	Pass
			13	21.21	-4.37	14.69	<=38.45	Pass
		25	0	21.26	-4.37	14.74	<=38.45	Pass
	836.5	1	0	22.45	-4.37	15.93	<=38.45	Pass
			13	22.58	-4.37	16.06	<=38.45	Pass
			24	22.48	-4.37	15.96	<=38.45	Pass
		12	0	21.15	-4.37	14.63	<=38.45	Pass
			6	21.30	-4.37	14.78	<=38.45	Pass
			13	21.36	-4.37	14.84	<=38.45	Pass
		25	0	21.46	-4.37	14.94	<=38.45	Pass
	846.5	1	0	22.52	-4.37	16.00	<=38.45	Pass
			13	22.40	-4.37	15.88	<=38.45	Pass
			24	22.63	-4.37	16.11	<=38.45	Pass
		12	0	21.18	-4.37	14.66	<=38.45	Pass
			6	21.24	-4.37	14.72	<=38.45	Pass
			13	21.20	-4.37	14.68	<=38.45	Pass
		25	0	21.34	-4.37	14.82	<=38.45	Pass
16QAM	826.5	1	0	20.89	-4.37	14.37	<=38.45	Pass
			13	20.93	-4.37	14.41	<=38.45	Pass
			24	21.63	-4.37	15.11	<=38.45	Pass
		12	0	20.51	-4.37	13.99	<=38.45	Pass
			6	20.05	-4.37	13.53	<=38.45	Pass
			13	20.26	-4.37	13.74	<=38.45	Pass
		25	0	20.10	-4.37	13.58	<=38.45	Pass
	836.5	1	0	21.60	-4.37	15.08	<=38.45	Pass
			13	21.82	-4.37	15.30	<=38.45	Pass
			24	21.66	-4.37	15.14	<=38.45	Pass
		12	0	20.46	-4.37	13.94	<=38.45	Pass
			6	20.40	-4.37	13.88	<=38.45	Pass
	13	20.46	-4.37	13.94	<=38.45	Pass		
	25	0	20.28	-4.37	13.76	<=38.45	Pass	
	846.5	1	0	20.39	-4.37	13.87	<=38.45	Pass
			13	20.38	-4.37	13.86	<=38.45	Pass
			24	20.36	-4.37	13.84	<=38.45	Pass
		12	0	20.43	-4.37	13.91	<=38.45	Pass
6			20.54	-4.37	14.02	<=38.45	Pass	
13		20.52	-4.37	14.00	<=38.45	Pass		
25	0	20.58	-4.37	14.06	<=38.45	Pass		
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	22.12	-4.37	15.60	<=38.45	Pass
			25	22.09	-4.37	15.57	<=38.45	Pass
			49	22.05	-4.37	15.53	<=38.45	Pass
		25	0	21.29	-4.37	14.77	<=38.45	Pass
			13	21.30	-4.37	14.78	<=38.45	Pass
			25	21.26	-4.37	14.74	<=38.45	Pass
		50	0	21.40	-4.37	14.88	<=38.45	Pass
	836.5	1	0	22.47	-4.37	15.95	<=38.45	Pass
			25	22.97	-4.37	16.45	<=38.45	Pass
			49	22.56	-4.37	16.04	<=38.45	Pass
		25	0	21.31	-4.37	14.79	<=38.45	Pass
			13	21.42	-4.37	14.90	<=38.45	Pass
			25	20.82	-4.37	14.30	<=38.45	Pass
		50	0	21.51	-4.37	14.99	<=38.45	Pass
	844	1	0	22.30	-4.37	15.78	<=38.45	Pass
			25	22.35	-4.37	15.83	<=38.45	Pass
			49	22.49	-4.37	15.97	<=38.45	Pass
		25	0	21.43	-4.37	14.91	<=38.45	Pass
			13	21.43	-4.37	14.91	<=38.45	Pass
			25	21.19	-4.37	14.67	<=38.45	Pass
		50	0	21.25	-4.37	14.73	<=38.45	Pass
16QAM	829	1	0	21.51	-4.37	14.99	<=38.45	Pass
			25	21.94	-4.37	15.42	<=38.45	Pass
			49	21.61	-4.37	15.09	<=38.45	Pass
		25	0	20.14	-4.37	13.62	<=38.45	Pass
			13	20.14	-4.37	13.62	<=38.45	Pass
			25	20.39	-4.37	13.87	<=38.45	Pass
		50	0	20.27	-4.37	13.75	<=38.45	Pass
	836.5	1	0	21.78	-4.37	15.26	<=38.45	Pass
			25	21.69	-4.37	15.17	<=38.45	Pass
			49	21.94	-4.37	15.42	<=38.45	Pass
		25	0	20.55	-4.37	14.03	<=38.45	Pass
			13	20.49	-4.37	13.97	<=38.45	Pass
			25	20.52	-4.37	14.00	<=38.45	Pass
		50	0	20.42	-4.37	13.90	<=38.45	Pass
	844	1	0	21.73	-4.37	15.21	<=38.45	Pass
			25	21.84	-4.37	15.32	<=38.45	Pass
			49	21.89	-4.37	15.37	<=38.45	Pass
		25	0	20.22	-4.37	13.70	<=38.45	Pass
			13	20.36	-4.37	13.84	<=38.45	Pass
			25	20.43	-4.37	13.91	<=38.45	Pass
		50	0	20.50	-4.37	13.98	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.27	1.300	0.0016	-2.5 to 2.5	Pass
					3.85	-0.400	-0.0005	-2.5 to 2.5	Pass
					4.43	-3.000	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-4.100	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-5.900	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-6.200	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-5.700	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-6.200	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-7.200	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-8.500	-0.0103	-2.5 to 2.5	Pass
				50	3.85	-10.200	-0.0124	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-1.700	-0.0020	-2.5 to 2.5	Pass
					3.85	-4.000	-0.0048	-2.5 to 2.5	Pass
					4.43	-8.000	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-9.300	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-9.100	-0.0109	-2.5 to 2.5	Pass
				-10	3.85	-8.600	-0.0103	-2.5 to 2.5	Pass
				0	3.85	-9.600	-0.0115	-2.5 to 2.5	Pass
				10	3.85	-11.400	-0.0136	-2.5 to 2.5	Pass
				30	3.85	-11.000	-0.0132	-2.5 to 2.5	Pass
				40	3.85	-10.700	-0.0128	-2.5 to 2.5	Pass
				50	3.85	-11.900	-0.0142	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-3.300	-0.0039	-2.5 to 2.5	Pass
					3.85	-3.300	-0.0039	-2.5 to 2.5	Pass
					4.43	-5.600	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-8.200	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-10.000	-0.0118	-2.5 to 2.5	Pass
				-10	3.85	-12.600	-0.0149	-2.5 to 2.5	Pass
				0	3.85	-14.300	-0.0169	-2.5 to 2.5	Pass
				10	3.85	-16.000	-0.0189	-2.5 to 2.5	Pass
				30	3.85	-18.800	-0.0222	-2.5 to 2.5	Pass
				40	3.85	-20.500	-0.0242	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-10.500	-0.0127	-2.5 to 2.5	Pass
					3.85	-11.200	-0.0136	-2.5 to 2.5	Pass
					4.43	-11.100	-0.0135	-2.5 to 2.5	Pass
				-30	3.85	-13.300	-0.0161	-2.5 to 2.5	Pass
				-20	3.85	-13.500	-0.0164	-2.5 to 2.5	Pass
				-10	3.85	-14.600	-0.0177	-2.5 to 2.5	Pass
				0	3.85	-15.100	-0.0183	-2.5 to 2.5	Pass
				10	3.85	-12.700	-0.0154	-2.5 to 2.5	Pass
				30	3.85	-17.400	-0.0211	-2.5 to 2.5	Pass
				40	3.85	-18.100	-0.0219	-2.5 to 2.5	Pass
				50	3.85	-18.400	-0.0223	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-12.700	-0.0152	-2.5 to 2.5	Pass
					3.85	-13.100	-0.0157	-2.5 to 2.5	Pass

					4.43	-11.900	-0.0142	-2.5 to 2.5	Pass
				-30	3.85	-12.900	-0.0154	-2.5 to 2.5	Pass
				-20	3.85	-13.300	-0.0159	-2.5 to 2.5	Pass
				-10	3.85	-12.900	-0.0154	-2.5 to 2.5	Pass
				0	3.85	-12.200	-0.0146	-2.5 to 2.5	Pass
				10	3.85	-12.500	-0.0149	-2.5 to 2.5	Pass
				30	3.85	-15.400	-0.0184	-2.5 to 2.5	Pass
				40	3.85	-15.500	-0.0185	-2.5 to 2.5	Pass
				50	3.85	-17.600	-0.0210	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-23.400	-0.0276	-2.5 to 2.5	Pass
					3.85	-24.900	-0.0294	-2.5 to 2.5	Pass
					4.43	-29.100	-0.0343	-2.5 to 2.5	Pass
				-30	3.85	-30.800	-0.0363	-2.5 to 2.5	Pass
				-20	3.85	-32.100	-0.0378	-2.5 to 2.5	Pass
				-10	3.85	-32.100	-0.0378	-2.5 to 2.5	Pass
				0	3.85	-31.700	-0.0374	-2.5 to 2.5	Pass
				10	3.85	-32.500	-0.0383	-2.5 to 2.5	Pass
				30	3.85	-32.300	-0.0381	-2.5 to 2.5	Pass
				40	3.85	-32.300	-0.0381	-2.5 to 2.5	Pass
				50	3.85	-31.300	-0.0369	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.27	6.200	0.0075	-2.5 to 2.5	Pass
					3.85	4.800	0.0058	-2.5 to 2.5	Pass
					4.43	2.100	0.0025	-2.5 to 2.5	Pass
				-30	3.85	2.200	0.0027	-2.5 to 2.5	Pass
				-20	3.85	1.700	0.0021	-2.5 to 2.5	Pass
				-10	3.85	1.700	0.0021	-2.5 to 2.5	Pass
				0	3.85	2.000	0.0024	-2.5 to 2.5	Pass
				10	3.85	1.400	0.0017	-2.5 to 2.5	Pass
				30	3.85	2.000	0.0024	-2.5 to 2.5	Pass
				40	3.85	1.800	0.0022	-2.5 to 2.5	Pass
				50	3.85	2.400	0.0029	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	3.800	0.0045	-2.5 to 2.5	Pass
					3.85	2.300	0.0027	-2.5 to 2.5	Pass
					4.43	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.600	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-2.000	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-1.500	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-2.400	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-1.800	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-1.100	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-1.500	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-2.700	-0.0032	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-1.700	-0.0020	-2.5 to 2.5	Pass
					3.85	-1.000	-0.0012	-2.5 to 2.5	Pass
					4.43	-3.900	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-6.500	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-4.800	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-5.000	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-5.800	-0.0068	-2.5 to 2.5	Pass

				10	3.85	-4.400	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-3.300	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-3.100	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-3.200	-0.0038	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	2.400	0.0029	-2.5 to 2.5	Pass
					3.85	5.400	0.0065	-2.5 to 2.5	Pass
					4.43	4.400	0.0053	-2.5 to 2.5	Pass
				-30	3.85	4.100	0.0050	-2.5 to 2.5	Pass
				-20	3.85	6.800	0.0082	-2.5 to 2.5	Pass
				-10	3.85	6.900	0.0084	-2.5 to 2.5	Pass
				0	3.85	6.800	0.0082	-2.5 to 2.5	Pass
				10	3.85	6.000	0.0073	-2.5 to 2.5	Pass
				30	3.85	6.600	0.0080	-2.5 to 2.5	Pass
				40	3.85	5.800	0.0070	-2.5 to 2.5	Pass
				50	3.85	4.900	0.0059	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-2.000	-0.0024	-2.5 to 2.5	Pass
					3.85	-0.500	-0.0006	-2.5 to 2.5	Pass
					4.43	0.100	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.900	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-1.700	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-2.400	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-2.100	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-2.600	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-3.700	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-3.700	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-5.400	-0.0065	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-3.300	-0.0039	-2.5 to 2.5	Pass
					3.85	-4.800	-0.0057	-2.5 to 2.5	Pass
					4.43	-4.000	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-1.900	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-4.800	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-3.800	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-3.500	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-4.000	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-3.400	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-4.100	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-3.700	-0.0044	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.27	2.600	0.0031	-2.5 to 2.5	Pass
					3.85	0.600	0.0007	-2.5 to 2.5	Pass
					4.43	-4.000	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-4.800	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-5.900	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-5.600	-0.0068	-2.5 to 2.5	Pass
				0	3.85	-7.900	-0.0096	-2.5 to 2.5	Pass
				10	3.85	-8.400	-0.0102	-2.5 to 2.5	Pass
				30	3.85	-7.300	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-8.800	-0.0106	-2.5 to 2.5	Pass
				50	3.85	-9.400	-0.0114	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-7.400	-0.0088	-2.5 to 2.5	Pass

					3.85	-8.400	-0.0100	-2.5 to 2.5	Pass
					4.43	-11.900	-0.0142	-2.5 to 2.5	Pass
				-30	3.85	-10.300	-0.0123	-2.5 to 2.5	Pass
				-20	3.85	-11.800	-0.0141	-2.5 to 2.5	Pass
				-10	3.85	-9.800	-0.0117	-2.5 to 2.5	Pass
				0	3.85	-10.400	-0.0124	-2.5 to 2.5	Pass
				10	3.85	-10.100	-0.0121	-2.5 to 2.5	Pass
				30	3.85	-8.300	-0.0099	-2.5 to 2.5	Pass
				40	3.85	-9.500	-0.0114	-2.5 to 2.5	Pass
				50	3.85	-9.700	-0.0116	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-1.400	-0.0017	-2.5 to 2.5	Pass
					3.85	-1.700	-0.0020	-2.5 to 2.5	Pass
					4.43	-4.000	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-4.000	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-5.200	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-8.500	-0.0100	-2.5 to 2.5	Pass
				0	3.85	-9.100	-0.0108	-2.5 to 2.5	Pass
				10	3.85	-9.600	-0.0113	-2.5 to 2.5	Pass
				30	3.85	-11.600	-0.0137	-2.5 to 2.5	Pass
				40	3.85	-13.700	-0.0162	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-10.600	-0.0128	-2.5 to 2.5	Pass
					3.85	-8.300	-0.0100	-2.5 to 2.5	Pass
					4.43	-7.300	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	-7.000	-0.0085	-2.5 to 2.5	Pass
				-20	3.85	-7.900	-0.0096	-2.5 to 2.5	Pass
				-10	3.85	-8.000	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-9.500	-0.0115	-2.5 to 2.5	Pass
				10	3.85	-10.500	-0.0127	-2.5 to 2.5	Pass
				30	3.85	-9.300	-0.0113	-2.5 to 2.5	Pass
				40	3.85	-12.500	-0.0151	-2.5 to 2.5	Pass
	836.5	25	0	20	3.85	-12.000	-0.0145	-2.5 to 2.5	Pass
					3.27	-9.400	-0.0112	-2.5 to 2.5	Pass
					3.85	-8.800	-0.0105	-2.5 to 2.5	Pass
				-30	4.43	-7.800	-0.0093	-2.5 to 2.5	Pass
					3.85	-7.600	-0.0091	-2.5 to 2.5	Pass
					3.85	-7.700	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-7.900	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-7.500	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-9.700	-0.0116	-2.5 to 2.5	Pass
				30	3.85	-9.900	-0.0118	-2.5 to 2.5	Pass
	846.5	25	0	40	3.85	-11.400	-0.0136	-2.5 to 2.5	Pass
					3.85	-11.100	-0.0133	-2.5 to 2.5	Pass
					3.27	-15.800	-0.0187	-2.5 to 2.5	Pass
				20	3.85	-19.700	-0.0233	-2.5 to 2.5	Pass
					4.43	-20.600	-0.0243	-2.5 to 2.5	Pass
					3.85	-21.600	-0.0255	-2.5 to 2.5	Pass
				-20	3.85	-22.500	-0.0266	-2.5 to 2.5	Pass
				-10	3.85	-22.100	-0.0261	-2.5 to 2.5	Pass
				0	3.85	-20.700	-0.0245	-2.5 to 2.5	Pass
				10	3.85	-21.900	-0.0259	-2.5 to 2.5	Pass
				30	3.85	-21.500	-0.0254	-2.5 to 2.5	Pass
				40	3.85	-21.100	-0.0249	-2.5 to 2.5	Pass
				50	3.85	-20.700	-0.0245	-2.5 to 2.5	Pass

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	-0.700	-0.0008	-2.5 to 2.5	Pass
					3.85	-3.300	-0.0040	-2.5 to 2.5	Pass
					4.43	-6.200	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-6.800	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-7.200	-0.0087	-2.5 to 2.5	Pass
				-10	3.85	-6.600	-0.0080	-2.5 to 2.5	Pass
				0	3.85	-6.200	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-5.700	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-4.000	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-4.900	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-2.900	-0.0035	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	6.300	0.0075	-2.5 to 2.5	Pass
					3.85	4.800	0.0057	-2.5 to 2.5	Pass
					4.43	2.000	0.0024	-2.5 to 2.5	Pass
				-30	3.85	1.900	0.0023	-2.5 to 2.5	Pass
				-20	3.85	2.000	0.0024	-2.5 to 2.5	Pass
				-10	3.85	1.700	0.0020	-2.5 to 2.5	Pass
				0	3.85	2.100	0.0025	-2.5 to 2.5	Pass
				10	3.85	3.300	0.0039	-2.5 to 2.5	Pass
				30	3.85	4.600	0.0055	-2.5 to 2.5	Pass
				40	3.85	4.800	0.0057	-2.5 to 2.5	Pass
				50	3.85	4.300	0.0051	-2.5 to 2.5	Pass
	844	50	0	20	3.27	6.400	0.0076	-2.5 to 2.5	Pass
					3.85	4.800	0.0057	-2.5 to 2.5	Pass
					4.43	2.800	0.0033	-2.5 to 2.5	Pass
				-30	3.85	-0.800	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.500	0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.200	0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.600	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.500	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.400	-0.0005	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-2.200	-0.0027	-2.5 to 2.5	Pass
					3.85	-2.500	-0.0030	-2.5 to 2.5	Pass
					4.43	-2.500	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-2.700	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-3.400	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-3.400	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-2.700	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-3.400	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-3.200	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-4.000	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-2.700	-0.0033	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	4.000	0.0048	-2.5 to 2.5	Pass
					3.85	5.700	0.0068	-2.5 to 2.5	Pass
					4.43	4.500	0.0054	-2.5 to 2.5	Pass
				-30	3.85	5.500	0.0066	-2.5 to 2.5	Pass
				-20	3.85	5.000	0.0060	-2.5 to 2.5	Pass
				-10	3.85	4.600	0.0055	-2.5 to 2.5	Pass
				0	3.85	5.200	0.0062	-2.5 to 2.5	Pass

				10	3.85	6.200	0.0074	-2.5 to 2.5	Pass
				30	3.85	5.700	0.0068	-2.5 to 2.5	Pass
				40	3.85	4.400	0.0053	-2.5 to 2.5	Pass
				50	3.85	5.400	0.0065	-2.5 to 2.5	Pass
	844	50	0	20	3.27	0.500	0.0006	-2.5 to 2.5	Pass
					3.85	0.900	0.0011	-2.5 to 2.5	Pass
					4.43	1.000	0.0012	-2.5 to 2.5	Pass
				-30	3.85	0.500	0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.700	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.200	0.0014	-2.5 to 2.5	Pass
				0	3.85	-0.800	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.100	-0.0013	-2.5 to 2.5	Pass
				30	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				40	3.85	-2.300	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-3.000	-0.0036	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

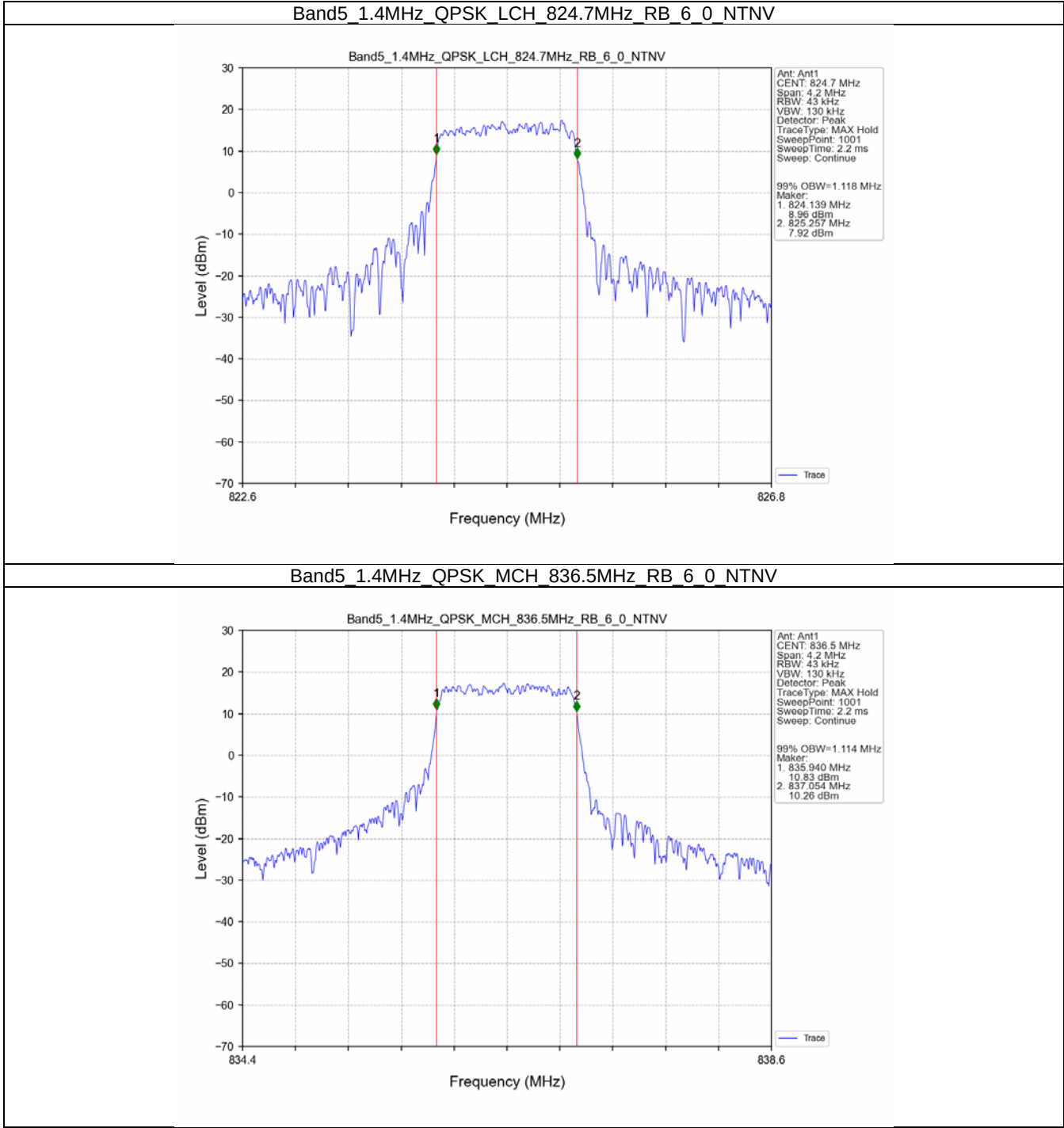
Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.118	/	Pass
		836.5	6	0	1.114	/	Pass
		848.3	6	0	1.114	/	Pass
	16QAM	824.7	6	0	1.124	/	Pass
		836.5	6	0	1.119	/	Pass
		848.3	6	0	1.121	/	Pass
3	QPSK	825.5	15	0	2.748	/	Pass
		836.5	15	0	2.746	/	Pass
		847.5	15	0	2.746	/	Pass
	16QAM	825.5	15	0	2.740	/	Pass
		836.5	15	0	2.732	/	Pass
		847.5	15	0	2.736	/	Pass
5	QPSK	826.5	25	0	4.582	/	Pass
		836.5	25	0	4.565	/	Pass
		846.5	25	0	4.562	/	Pass
	16QAM	826.5	25	0	4.549	/	Pass
		836.5	25	0	4.571	/	Pass
		846.5	25	0	4.567	/	Pass
10	QPSK	829	50	0	9.064	/	Pass
		836.5	50	0	9.097	/	Pass
		844	50	0	9.089	/	Pass
	16QAM	829	50	0	9.072	/	Pass
		836.5	50	0	9.057	/	Pass
		844	50	0	9.045	/	Pass

3.1.2 Band5_XDB

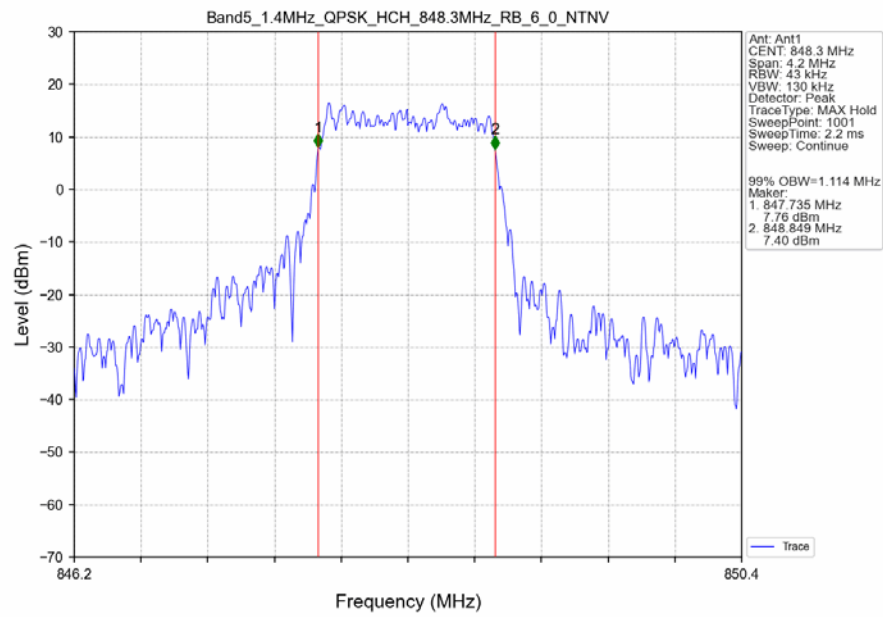
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.439	/	Pass
		836.5	6	0	1.430	/	Pass
		848.3	6	0	1.421	/	Pass
	16QAM	824.7	6	0	1.567	/	Pass
		836.5	6	0	1.433	/	Pass
		848.3	6	0	1.580	/	Pass
3	QPSK	825.5	15	0	3.497	/	Pass
		836.5	15	0	3.249	/	Pass
		847.5	15	0	3.243	/	Pass
	16QAM	825.5	15	0	3.183	/	Pass
		836.5	15	0	3.337	/	Pass
		847.5	15	0	3.239	/	Pass
5	QPSK	826.5	25	0	5.574	/	Pass
		836.5	25	0	5.742	/	Pass
		846.5	25	0	5.428	/	Pass
	16QAM	826.5	25	0	5.645	/	Pass
		836.5	25	0	5.730	/	Pass
		846.5	25	0	5.809	/	Pass
10	QPSK	829	50	0	10.760	/	Pass
		836.5	50	0	10.317	/	Pass
		844	50	0	10.104	/	Pass
	16QAM	829	50	0	10.257	/	Pass
		836.5	50	0	10.270	/	Pass
		844	50	0	10.310	/	Pass

3.2 Test Graph

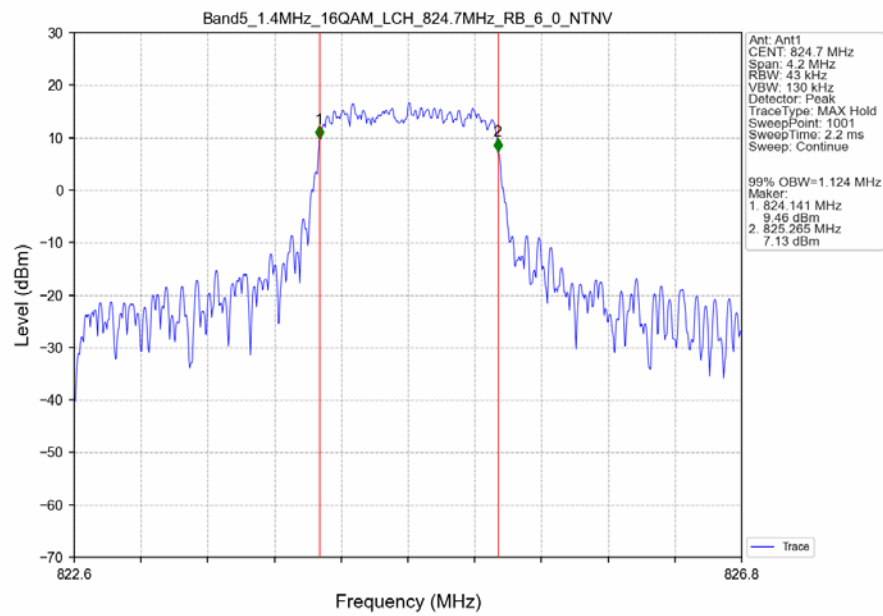
3.2.1 Band5_OBW



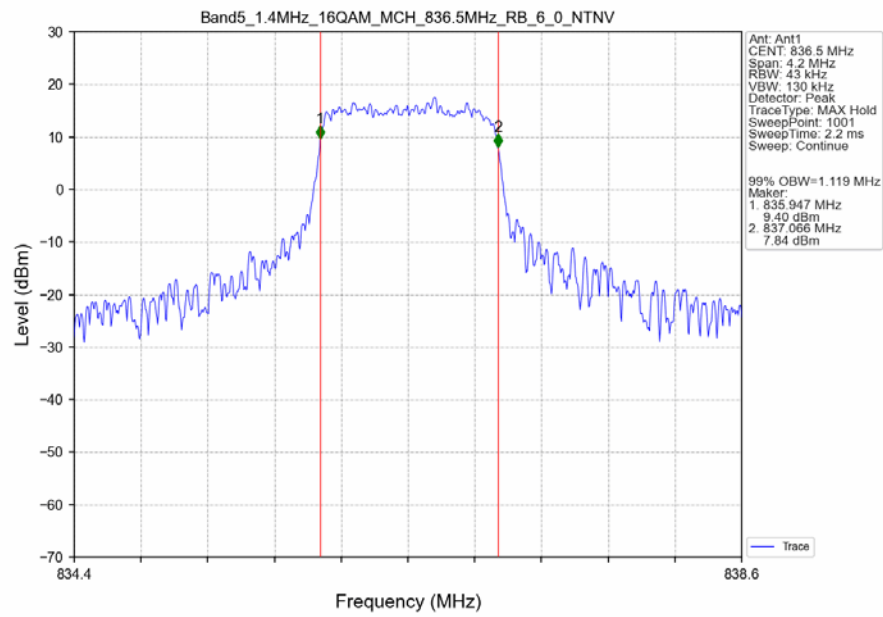
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



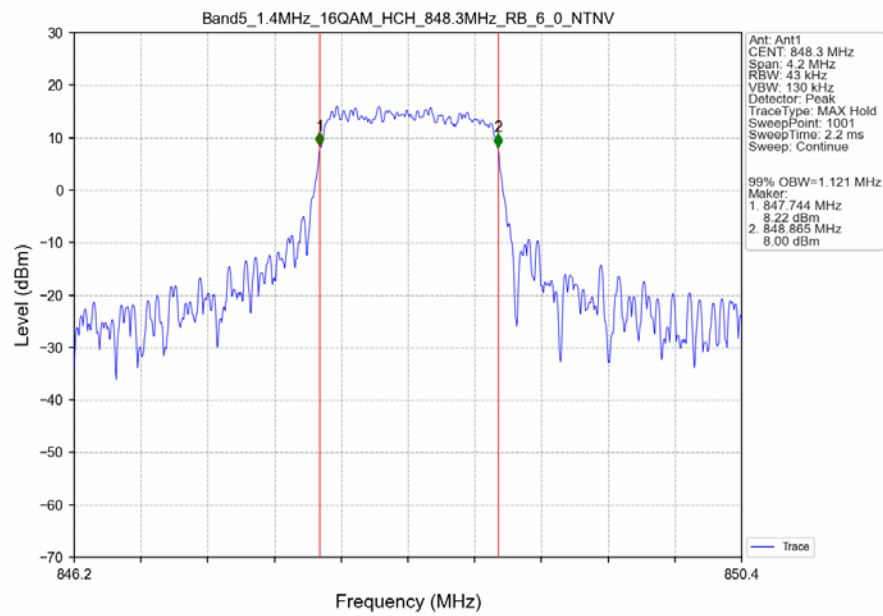
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



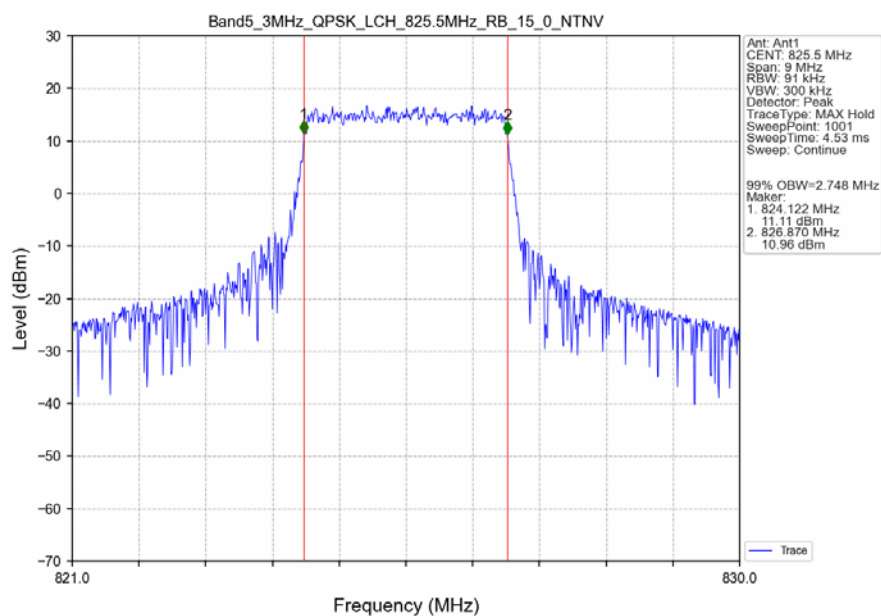
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



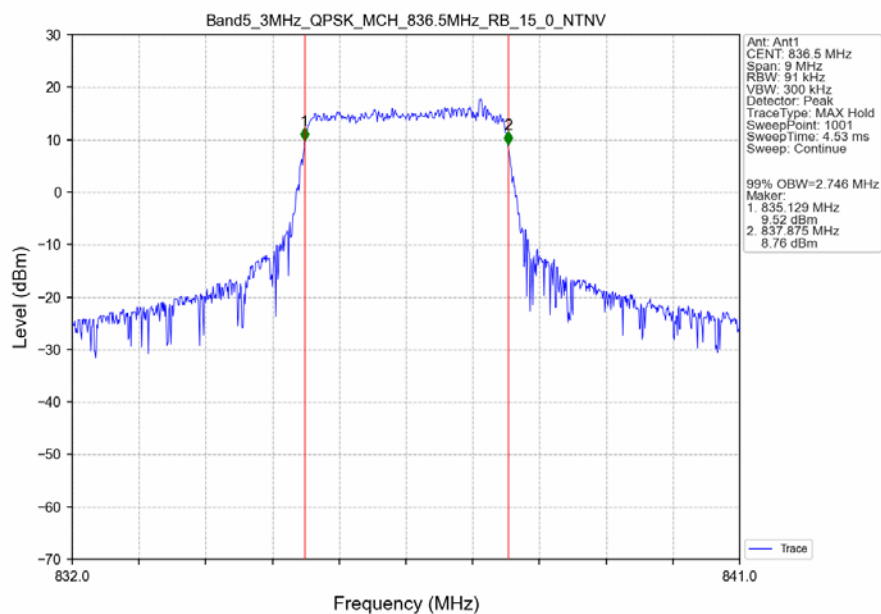
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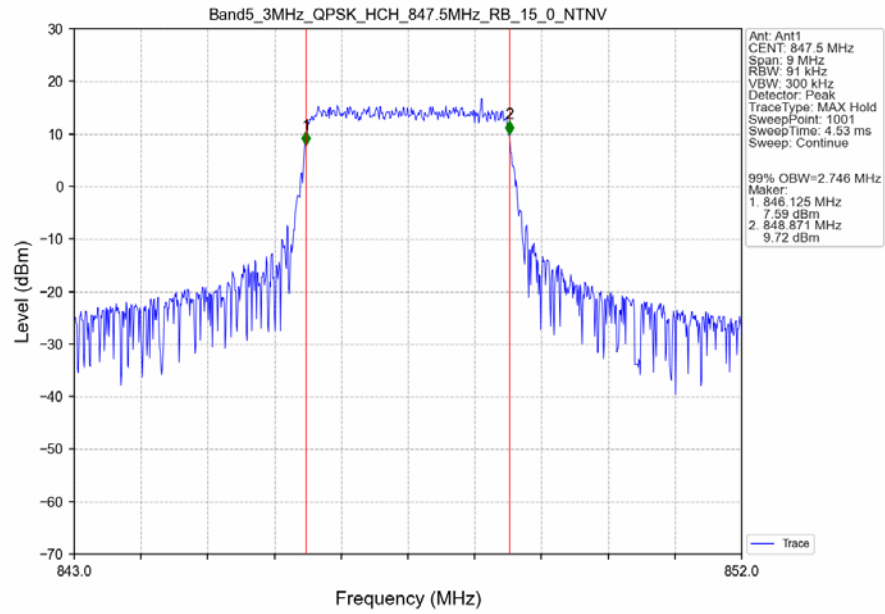
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



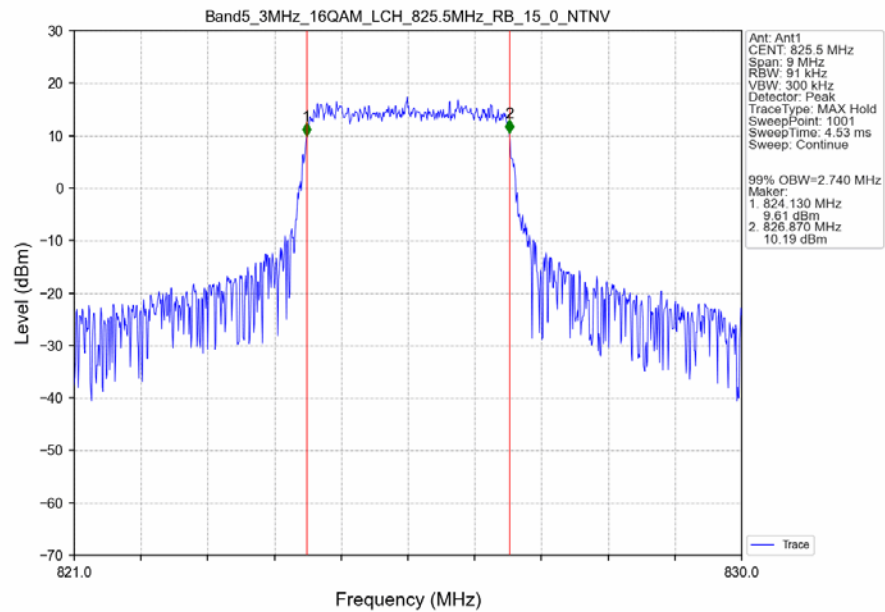
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



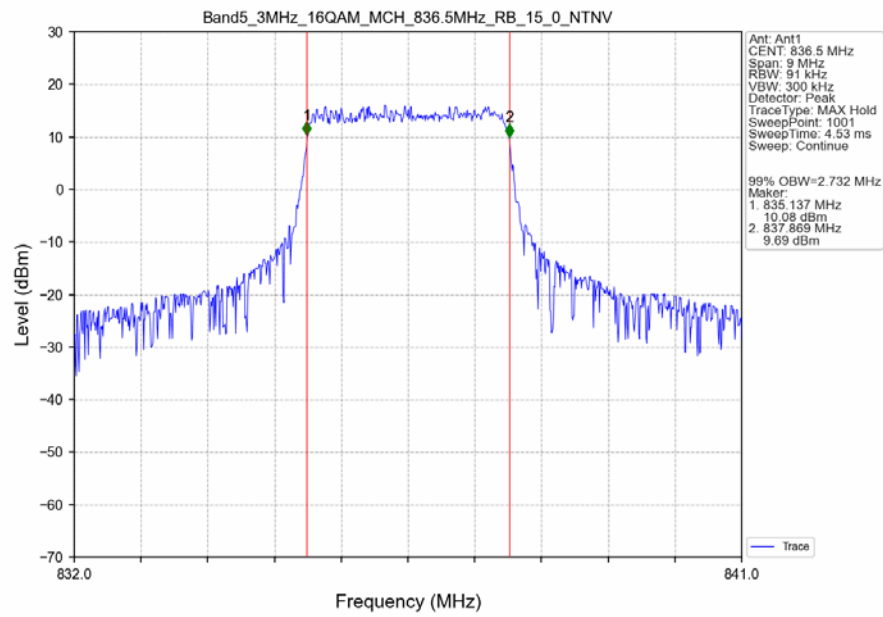
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



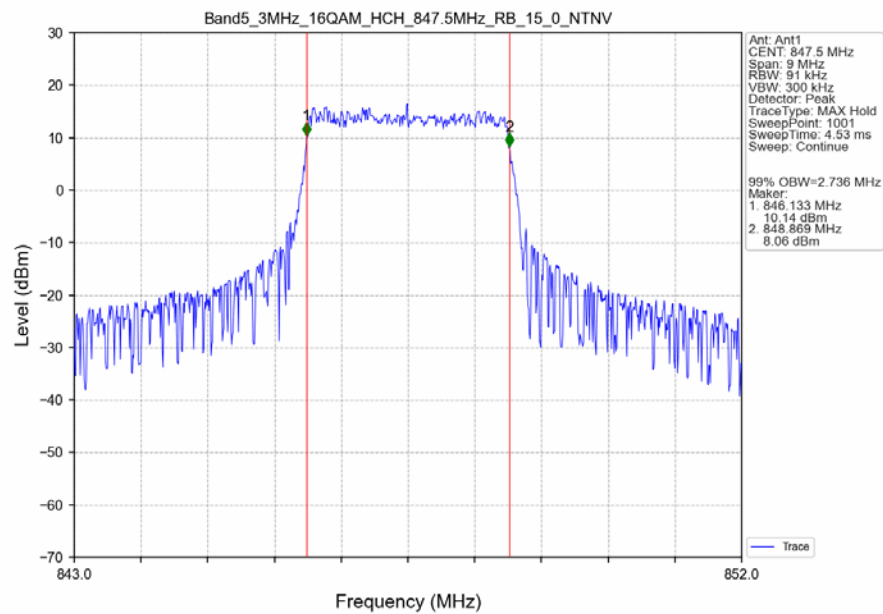
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



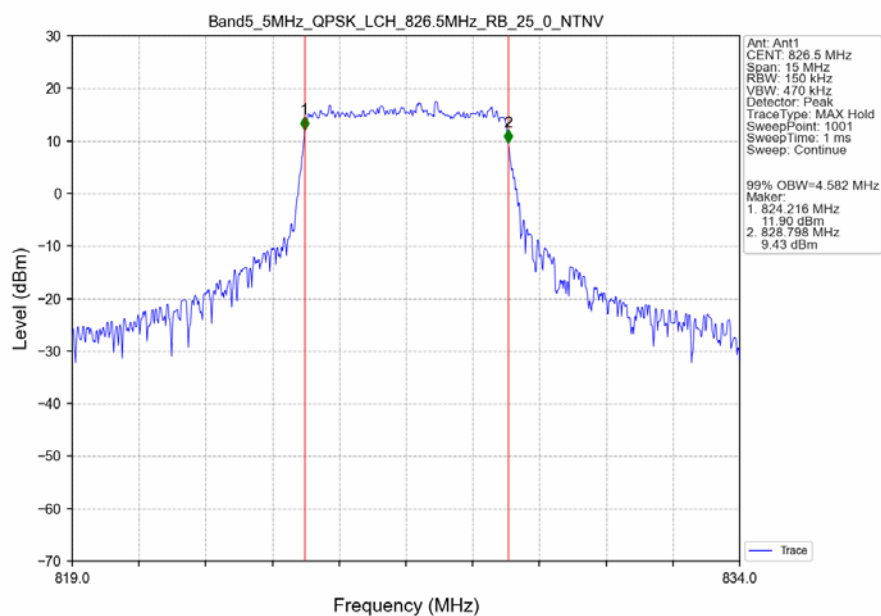
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



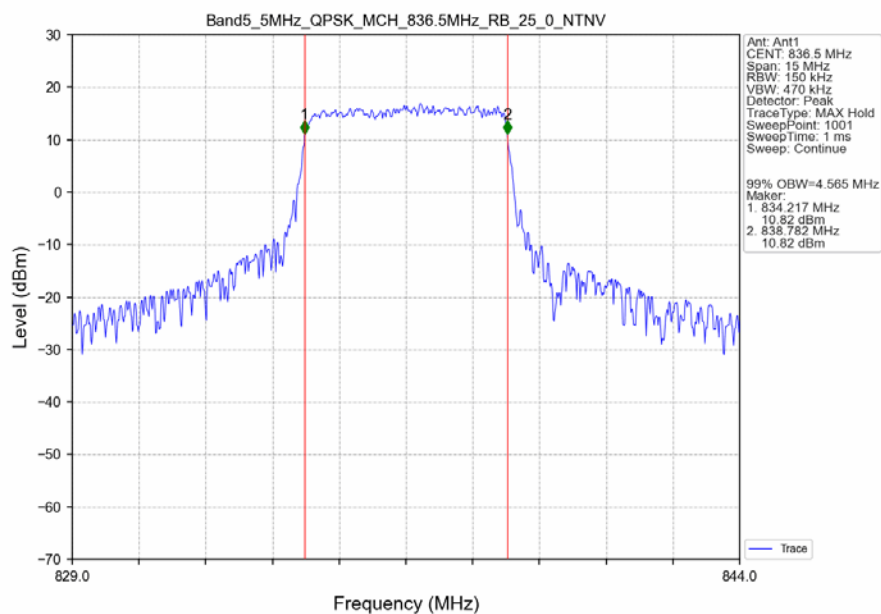
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



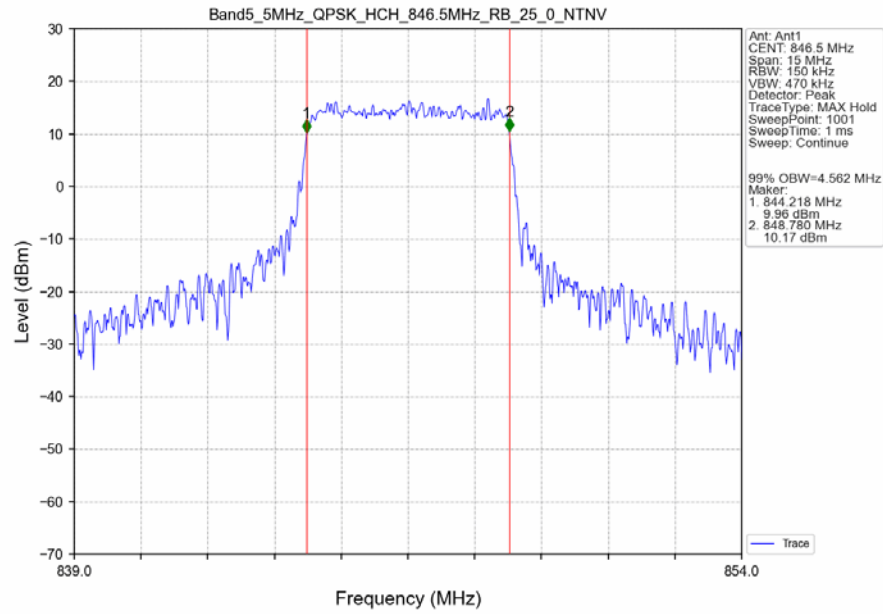
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



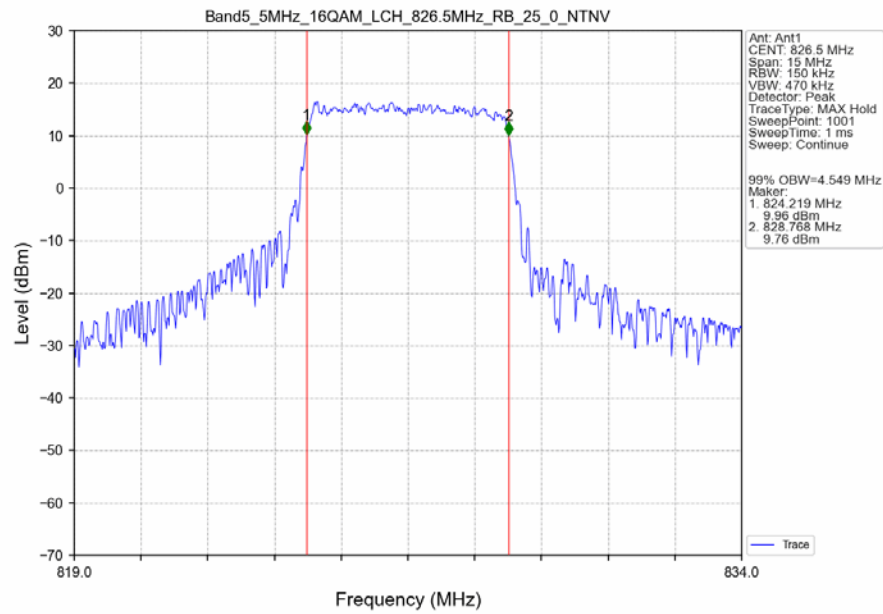
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



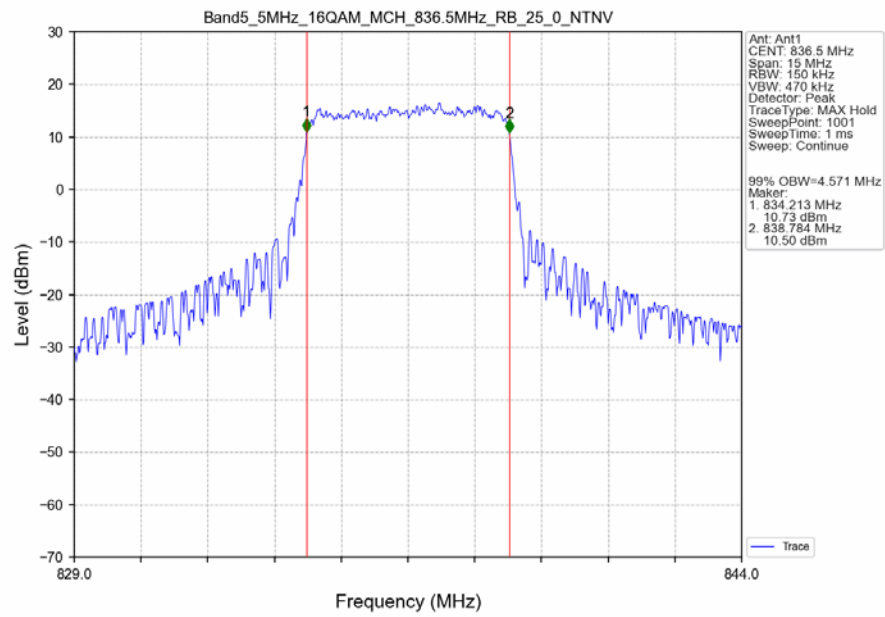
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



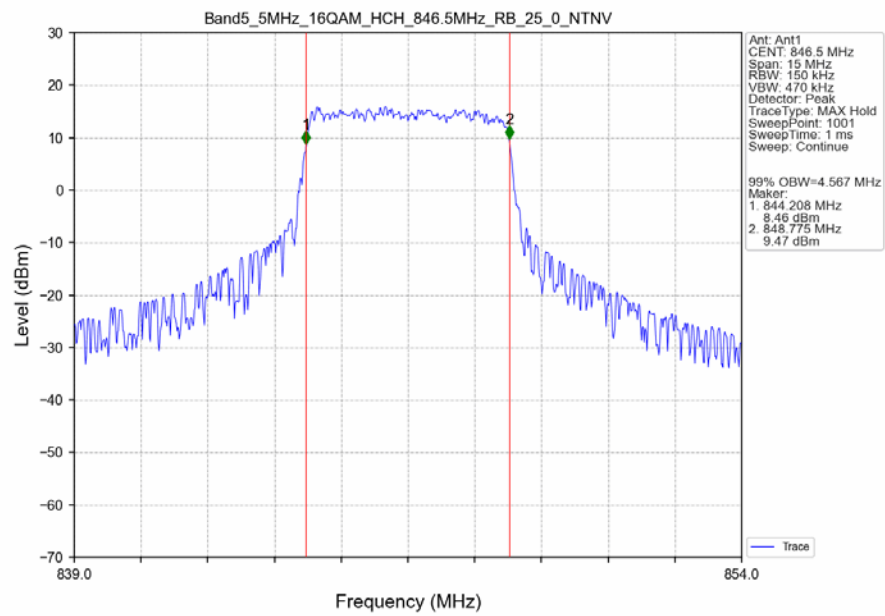
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



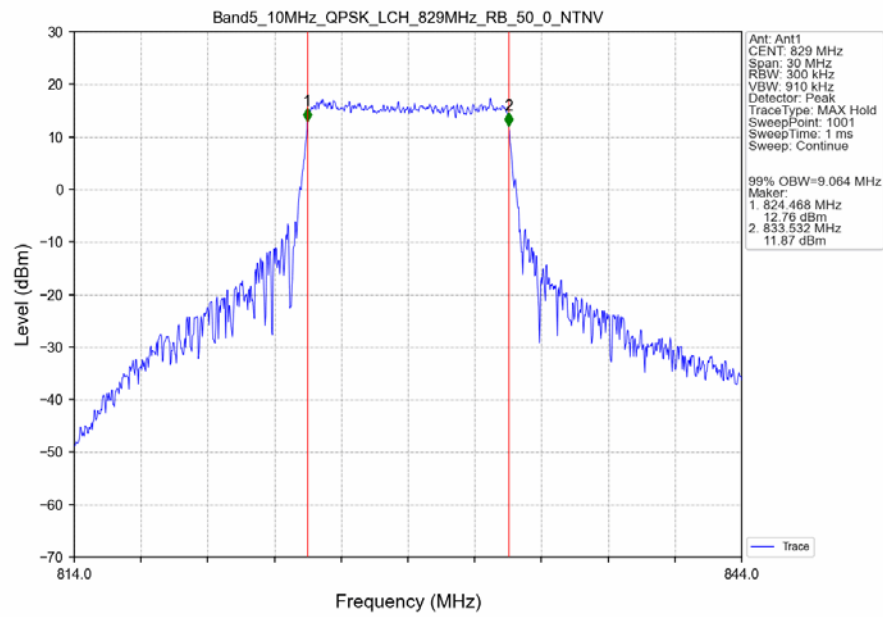
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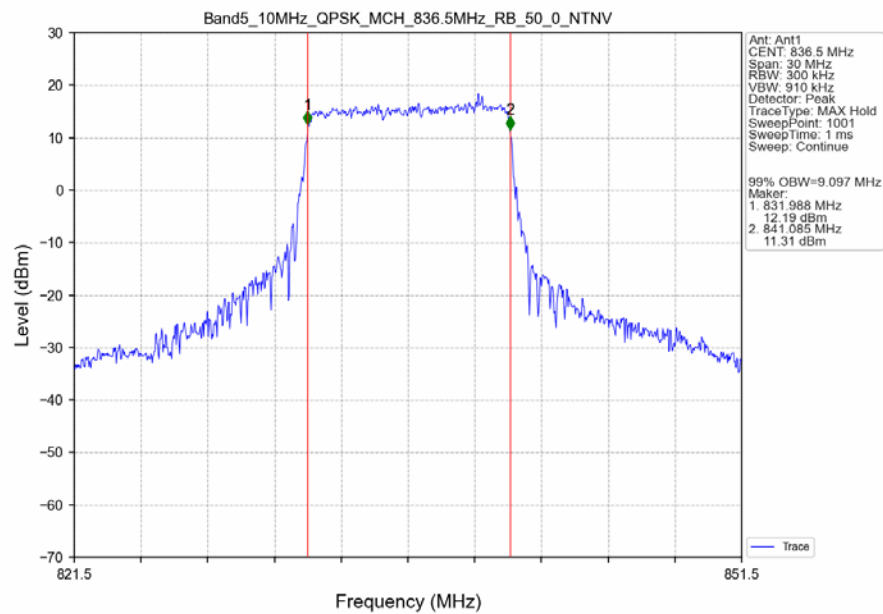
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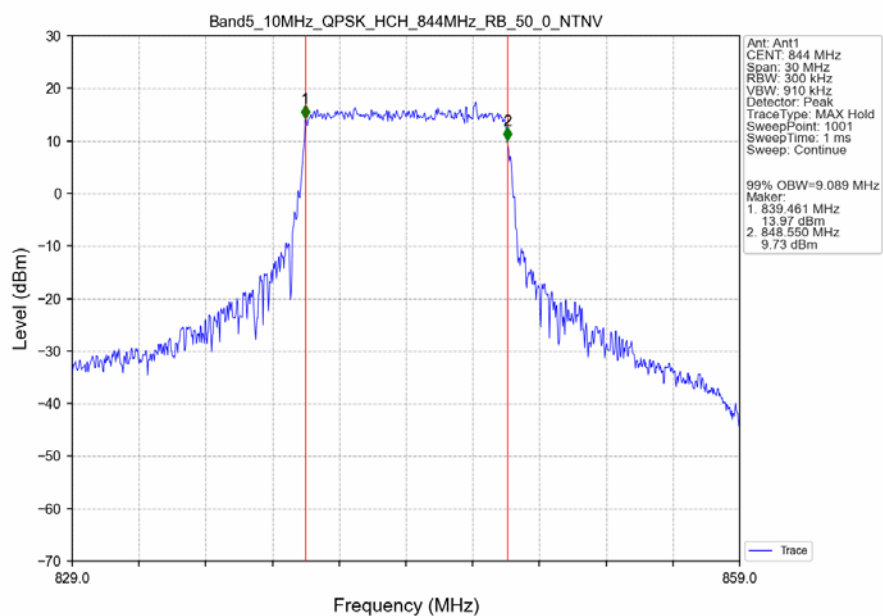
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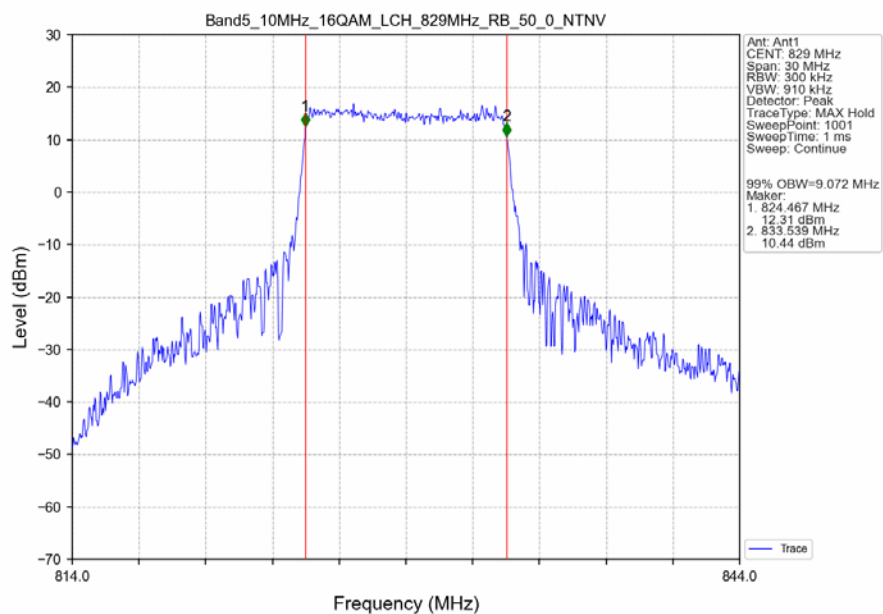
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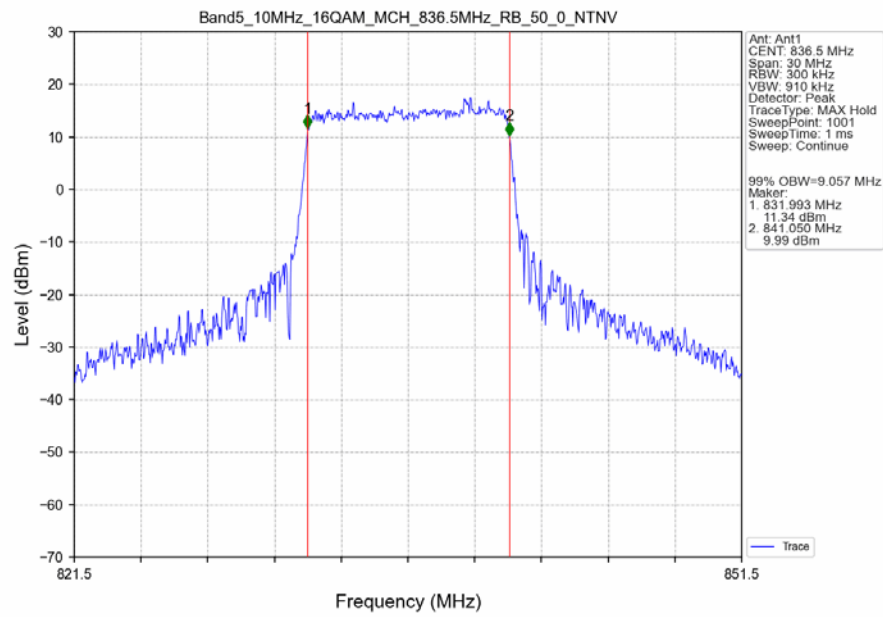
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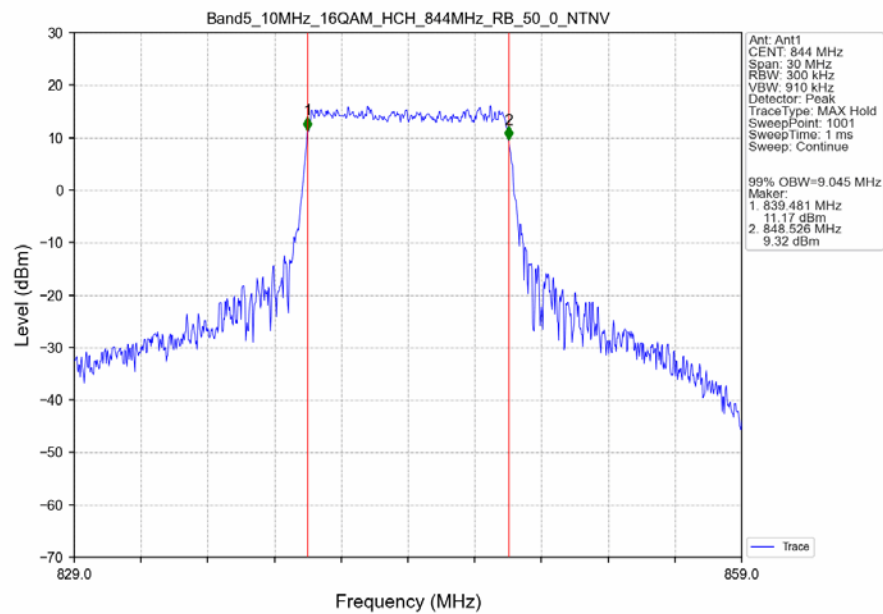
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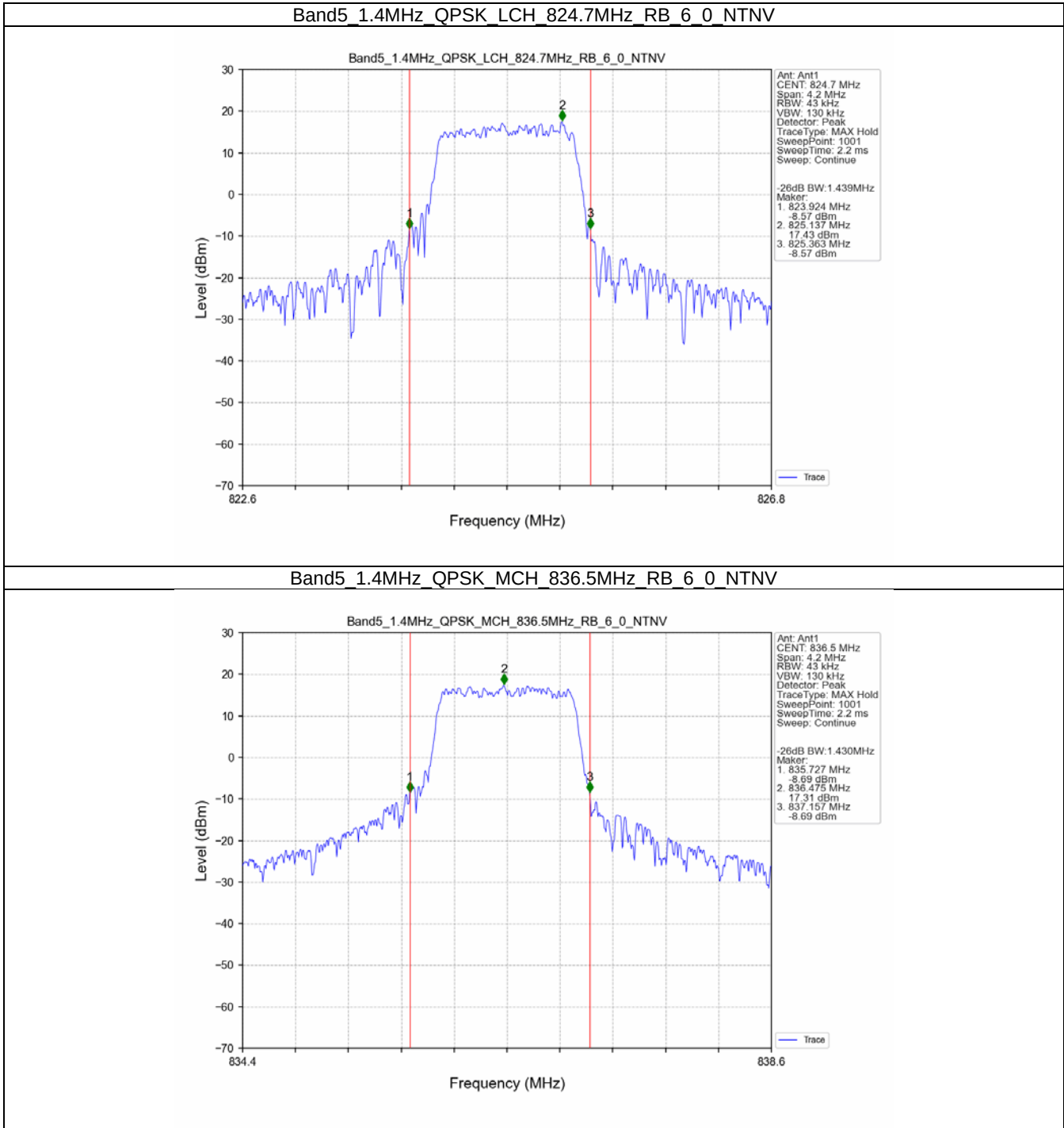
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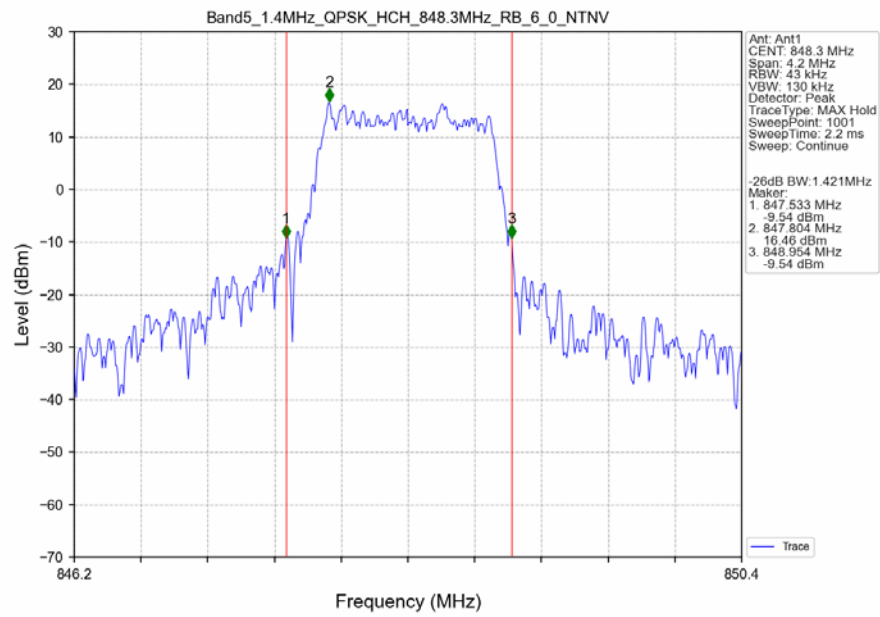
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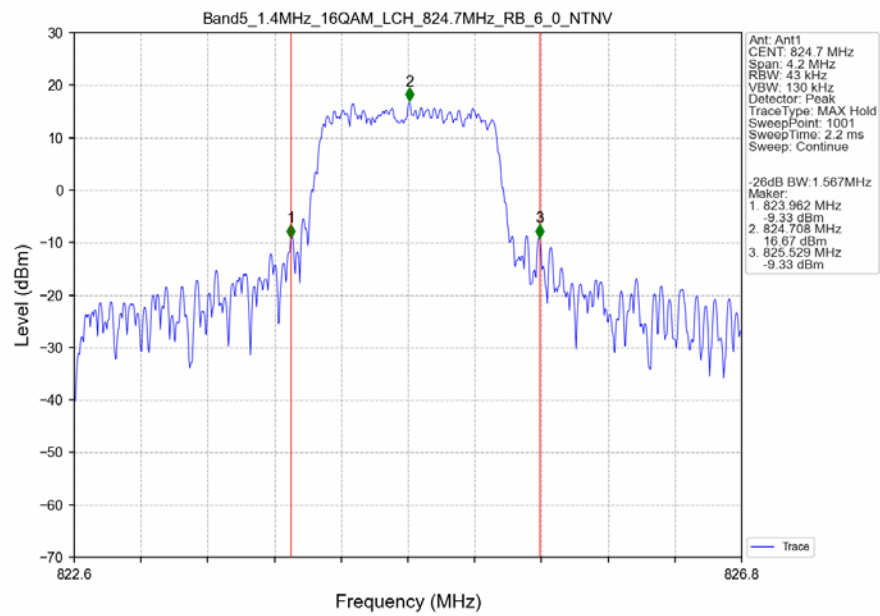
3.2.2 Band5_XDB



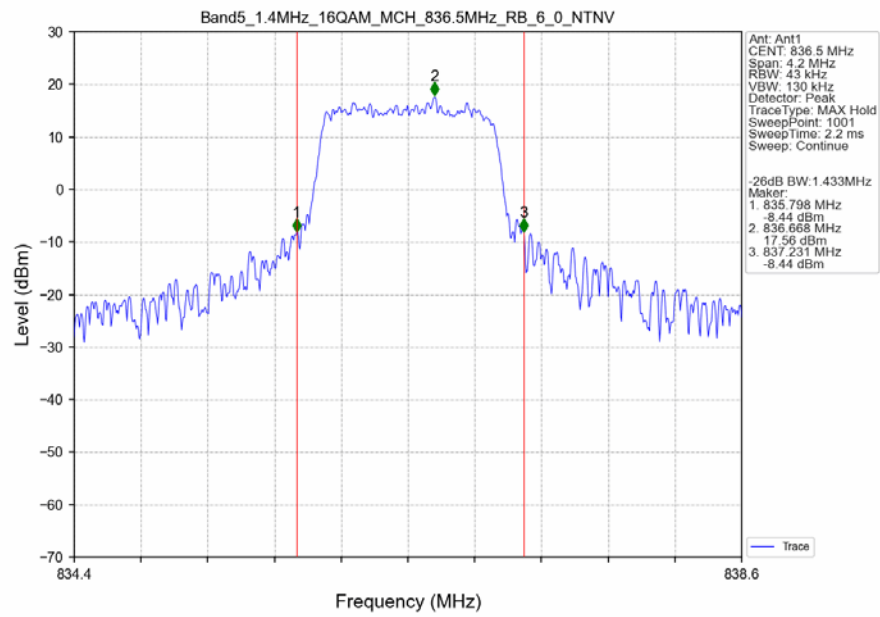
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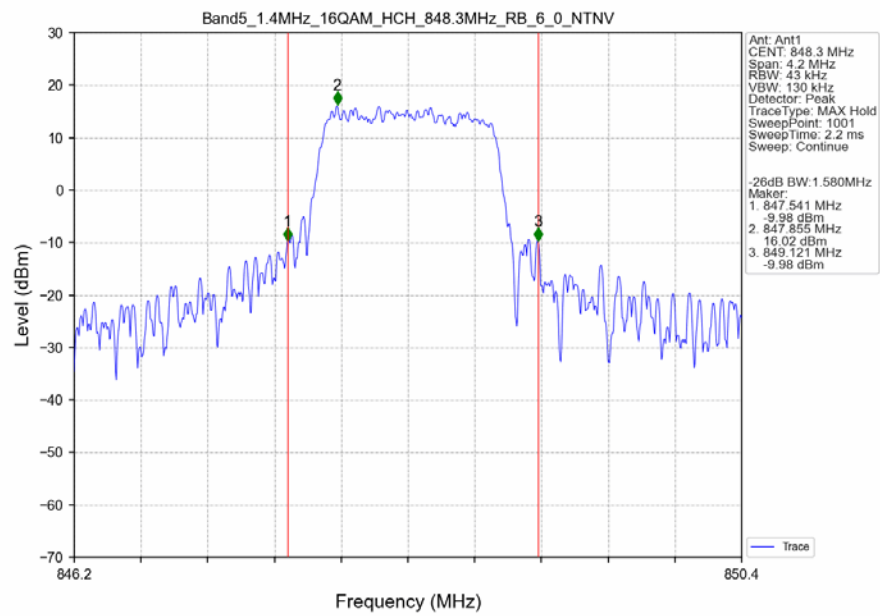
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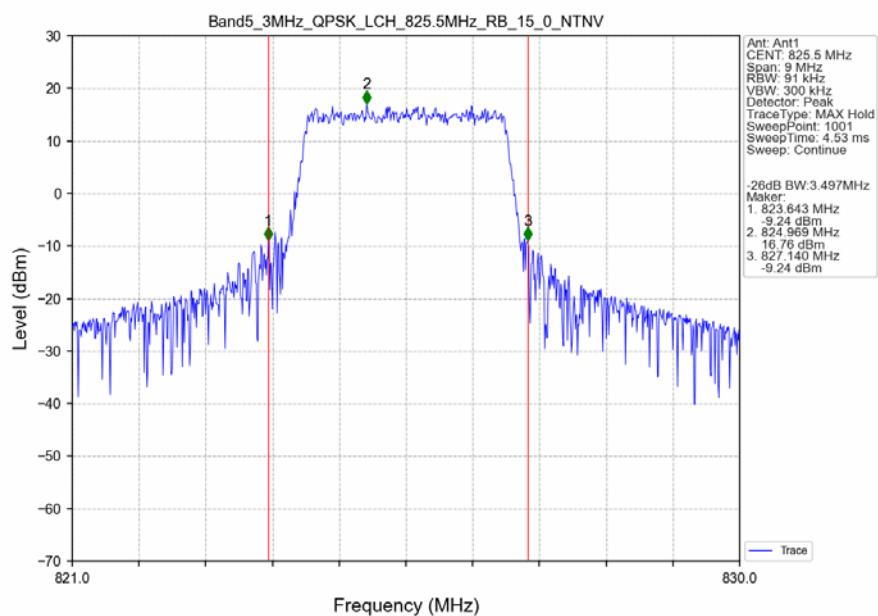
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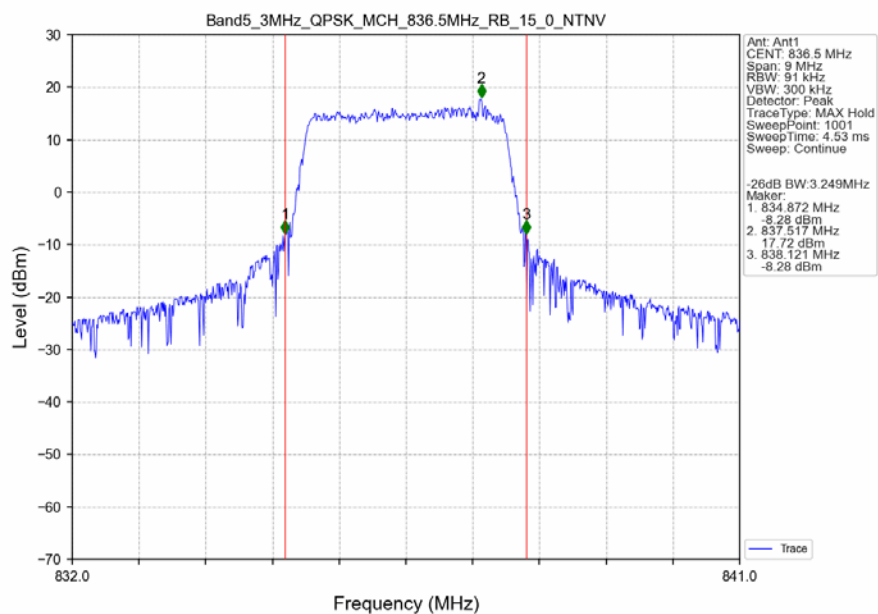
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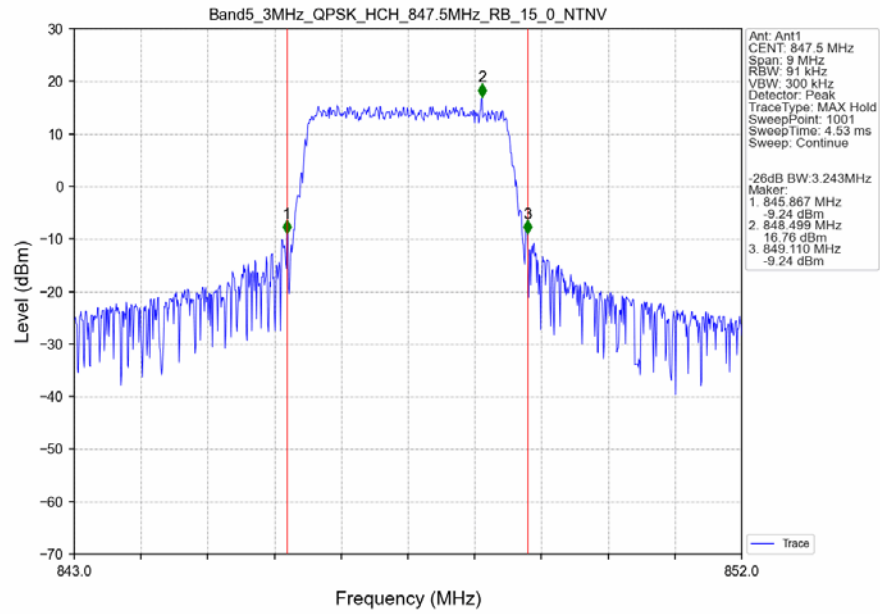
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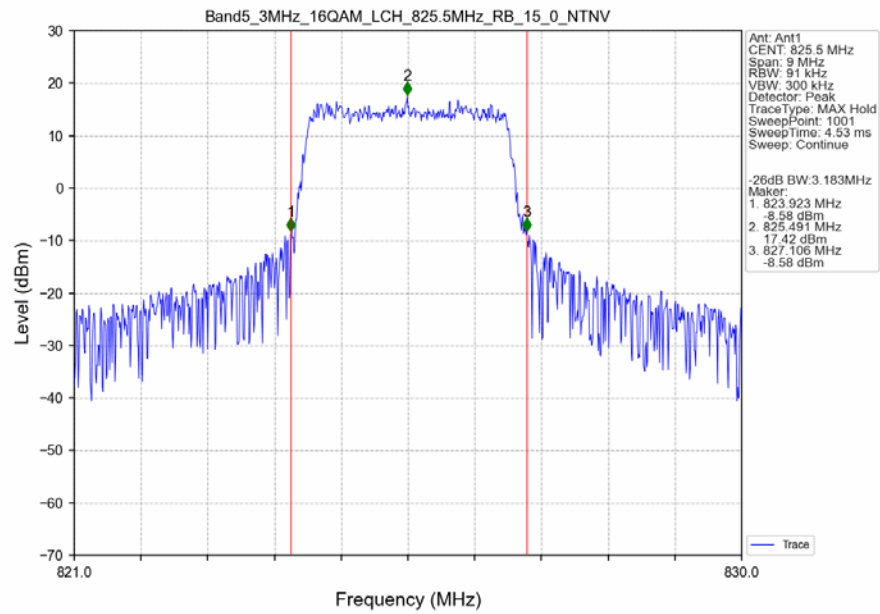
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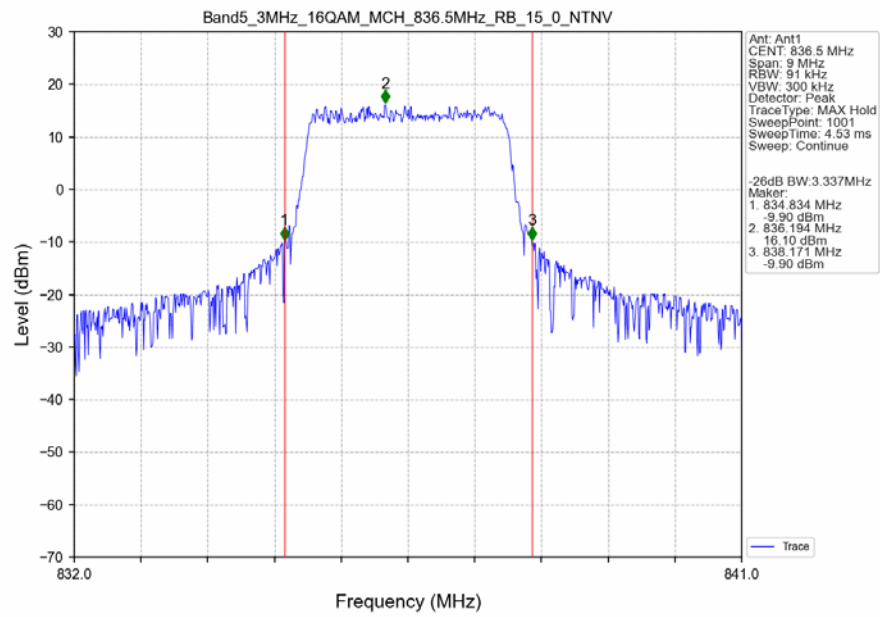
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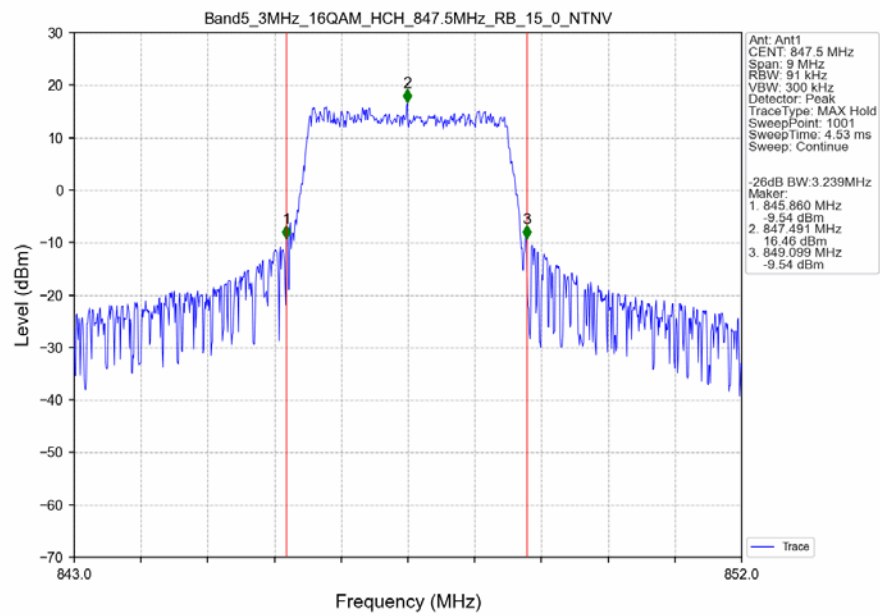
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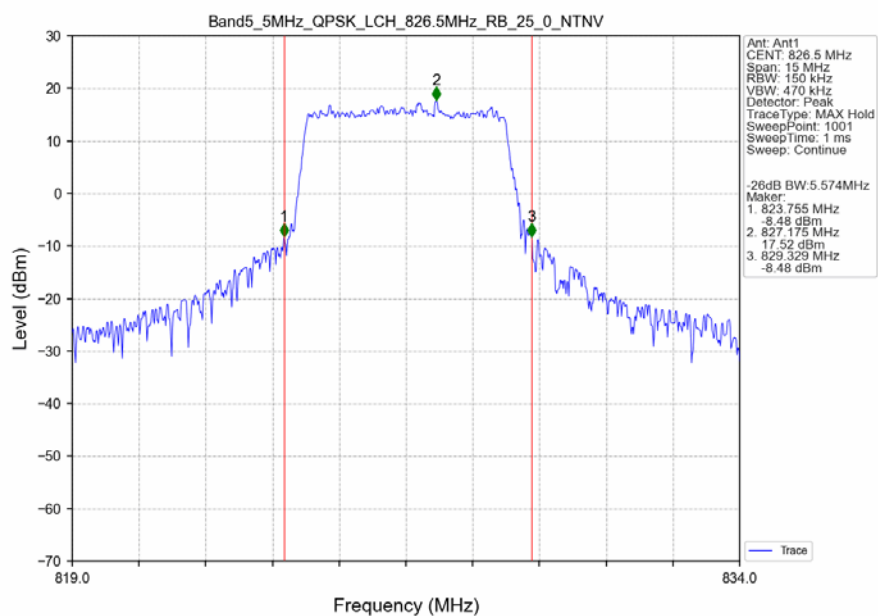
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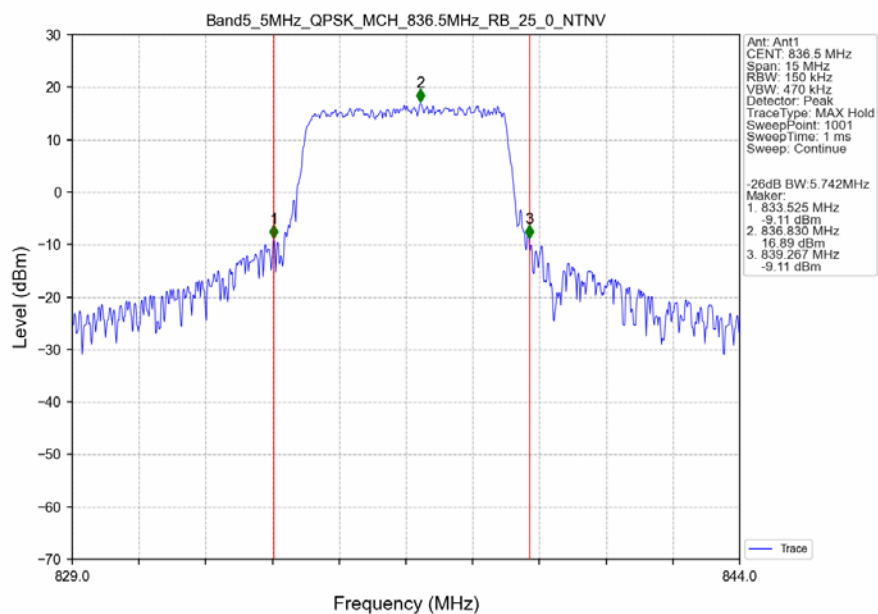
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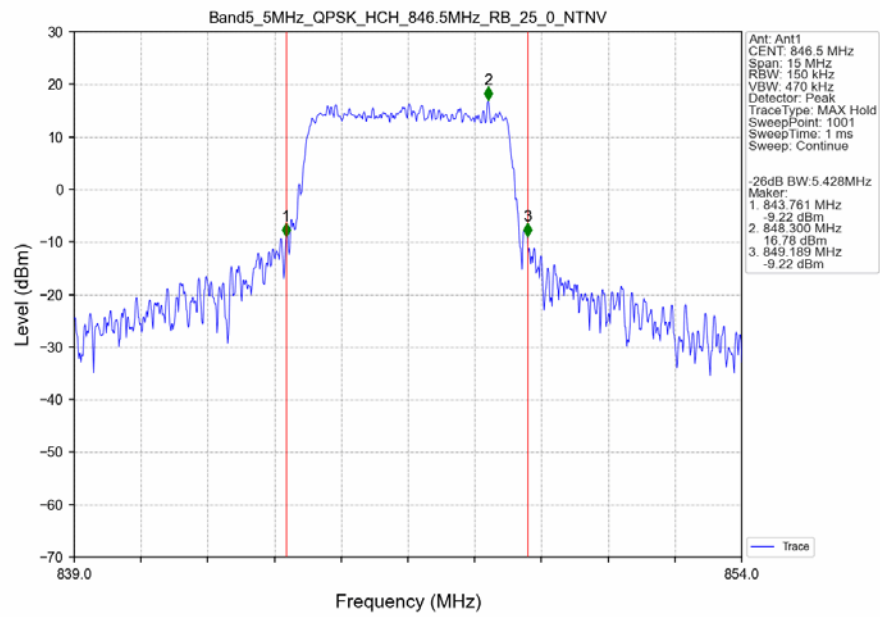
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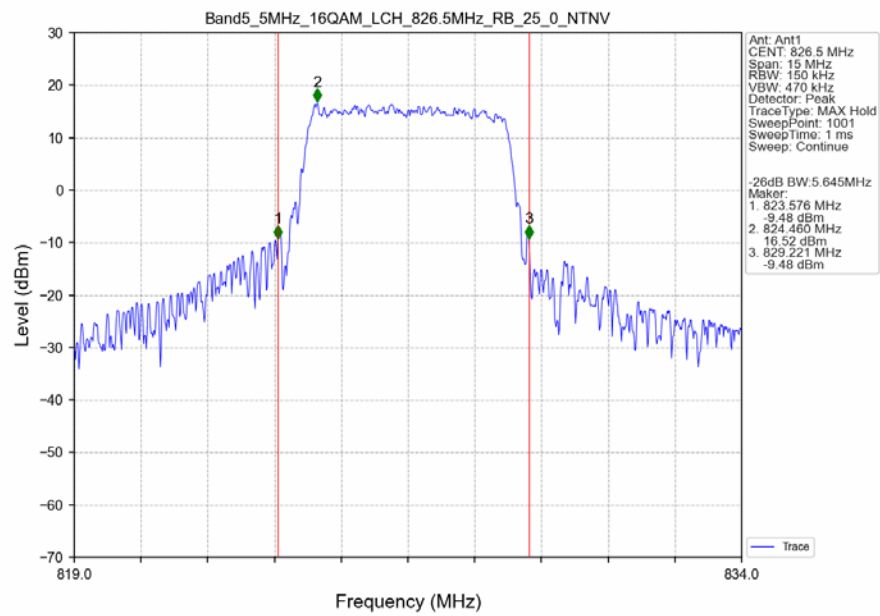
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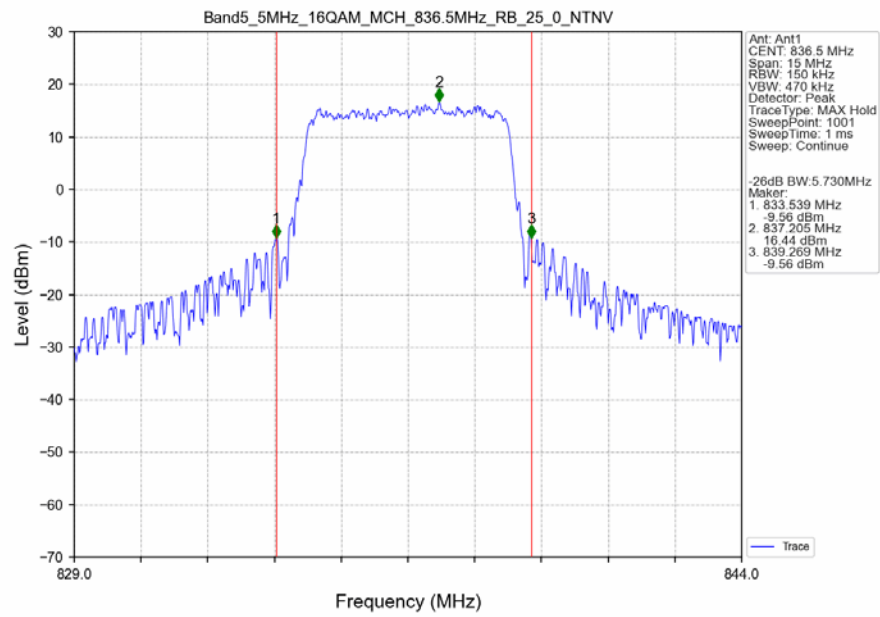
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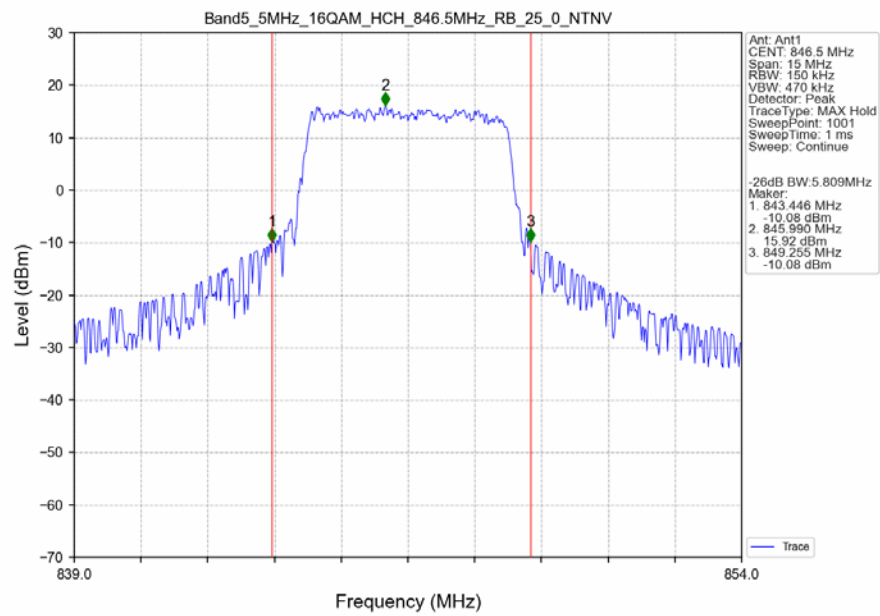
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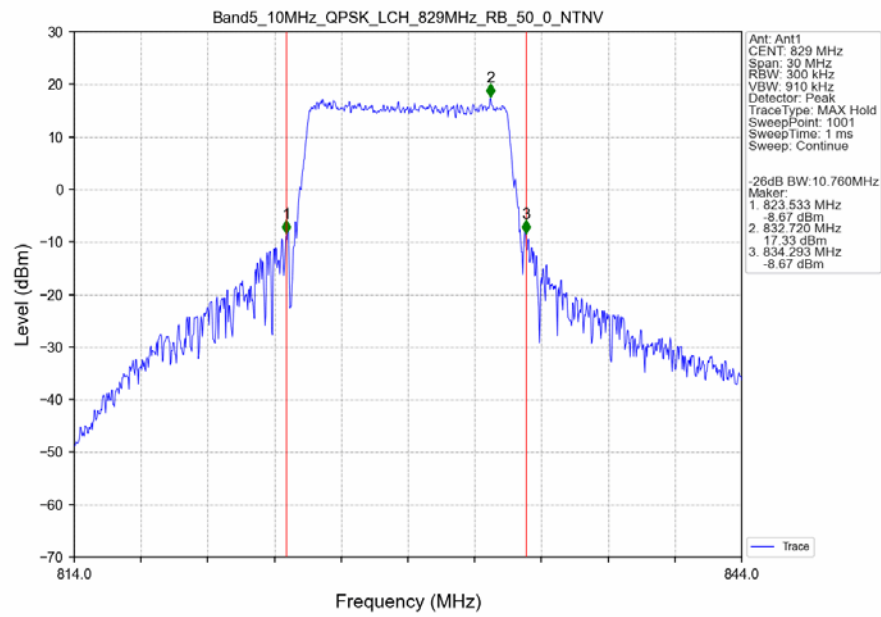
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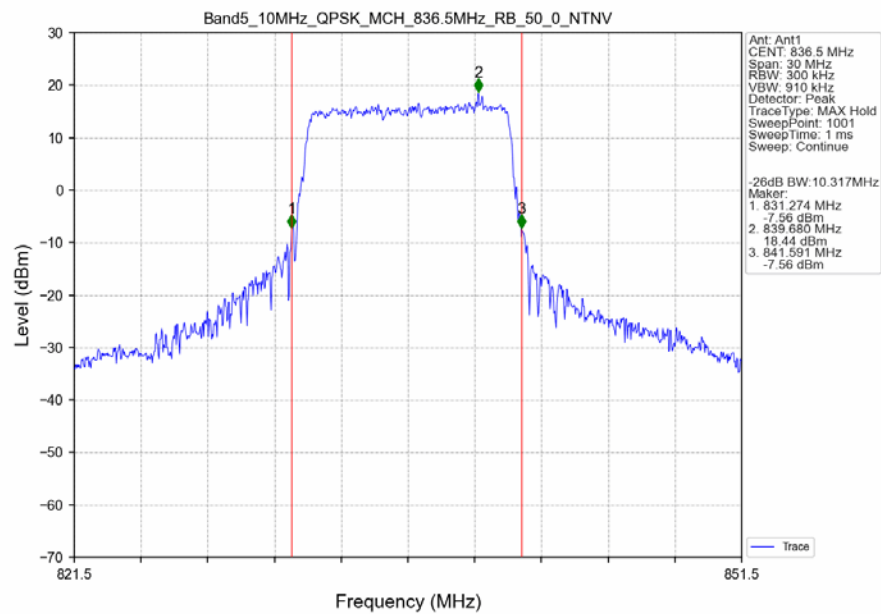
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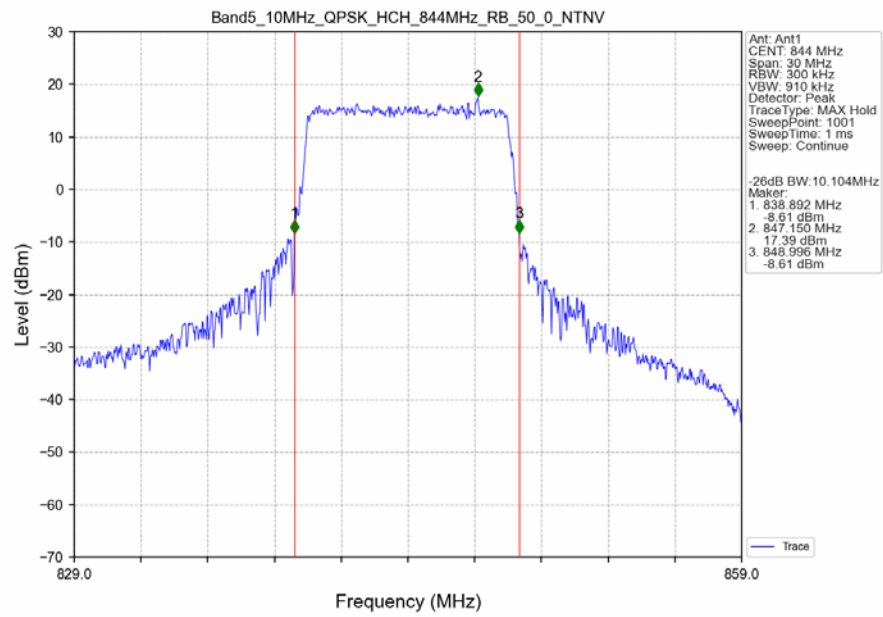
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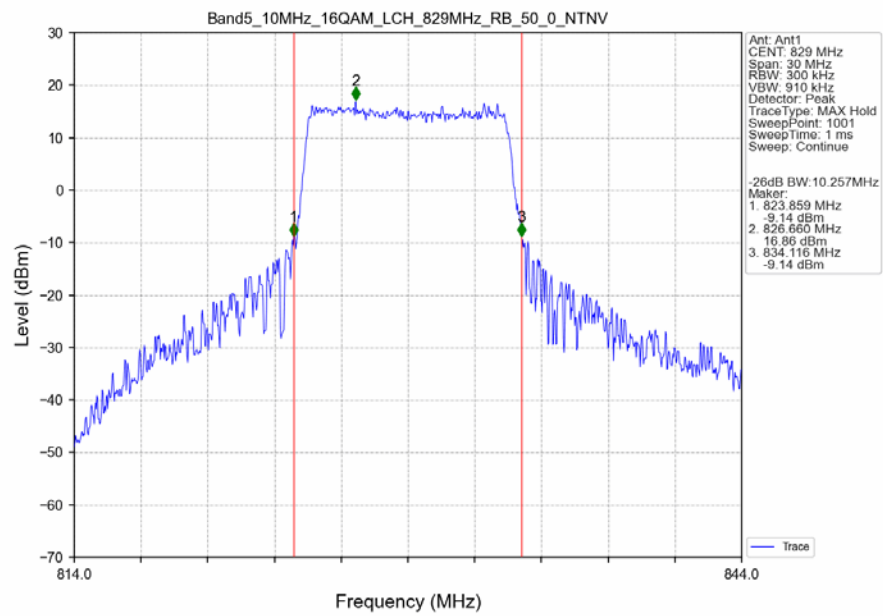
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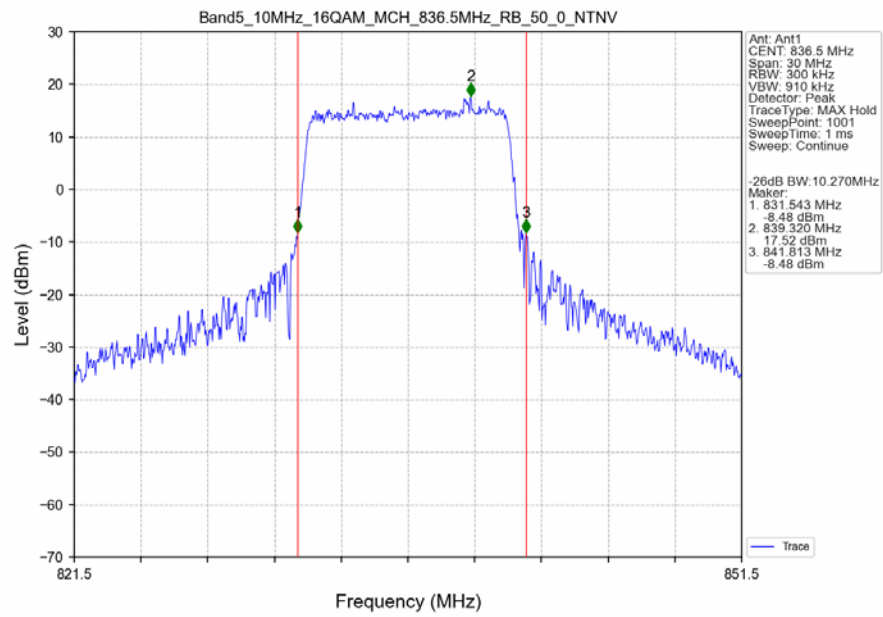
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



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

