

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

Band: 5 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.94	0.16	21.95	<=38.45	Pass
			2	24.06	0.16	22.07	<=38.45	Pass
			5	23.83	0.16	21.84	<=38.45	Pass
		3	0	23.70	0.16	21.71	<=38.45	Pass
			2	23.67	0.16	21.68	<=38.45	Pass
			3	23.64	0.16	21.65	<=38.45	Pass
		6	0	22.69	0.16	20.70	<=38.45	Pass
	836.5	1	0	23.63	0.16	21.64	<=38.45	Pass
			2	23.92	0.16	21.93	<=38.45	Pass
			5	23.68	0.16	21.69	<=38.45	Pass
		3	0	23.60	0.16	21.61	<=38.45	Pass
			2	23.57	0.16	21.58	<=38.45	Pass
			3	23.25	0.16	21.26	<=38.45	Pass
		6	0	22.44	0.16	20.45	<=38.45	Pass
	848.3	1	0	23.76	0.16	21.77	<=38.45	Pass
			2	23.90	0.16	21.91	<=38.45	Pass
			5	23.67	0.16	21.68	<=38.45	Pass
		3	0	23.50	0.16	21.51	<=38.45	Pass
			2	23.71	0.16	21.72	<=38.45	Pass
			3	23.61	0.16	21.62	<=38.45	Pass
		6	0	22.74	0.16	20.75	<=38.45	Pass
16QAM	824.7	1	0	22.53	0.16	20.54	<=38.45	Pass
			2	22.60	0.16	20.61	<=38.45	Pass
			5	22.06	0.16	20.07	<=38.45	Pass
		3	0	22.72	0.16	20.73	<=38.45	Pass
			2	23.01	0.16	21.02	<=38.45	Pass
			3	23.01	0.16	21.02	<=38.45	Pass
		6	0	21.93	0.16	19.94	<=38.45	Pass
	836.5	1	0	22.43	0.16	20.44	<=38.45	Pass
			2	22.38	0.16	20.39	<=38.45	Pass
			5	22.30	0.16	20.31	<=38.45	Pass
		3	0	22.37	0.16	20.38	<=38.45	Pass
			2	22.34	0.16	20.35	<=38.45	Pass
			3	22.28	0.16	20.29	<=38.45	Pass
		6	0	21.35	0.16	19.36	<=38.45	Pass
	848.3	1	0	22.35	0.16	20.36	<=38.45	Pass
			2	22.44	0.16	20.45	<=38.45	Pass
			5	22.52	0.16	20.53	<=38.45	Pass
		3	0	22.69	0.16	20.70	<=38.45	Pass
			2	22.74	0.16	20.75	<=38.45	Pass
			3	22.73	0.16	20.74	<=38.45	Pass
		6	0	21.99	0.16	20.00	<=38.45	Pass
64QAM	824.7	1	0	22.35	0.16	20.36	<=38.45	Pass
			2	22.64	0.16	20.65	<=38.45	Pass
			5	22.42	0.16	20.43	<=38.45	Pass
		3	0	22.38	0.16	20.39	<=38.45	Pass
			2	22.62	0.16	20.63	<=38.45	Pass
			3	22.63	0.16	20.64	<=38.45	Pass
		6	0	21.73	0.16	19.74	<=38.45	Pass

	836.5	1	0	22.20	0.16	20.21	<=38.45	Pass
			2	22.48	0.16	20.49	<=38.45	Pass
			5	22.22	0.16	20.23	<=38.45	Pass
		3	0	22.47	0.16	20.48	<=38.45	Pass
			2	22.55	0.16	20.56	<=38.45	Pass
			3	22.50	0.16	20.51	<=38.45	Pass
	848.3	6	0	21.63	0.16	19.64	<=38.45	Pass
			0	22.53	0.16	20.54	<=38.45	Pass
			2	22.67	0.16	20.68	<=38.45	Pass
		1	5	22.48	0.16	20.49	<=38.45	Pass
			0	22.67	0.16	20.68	<=38.45	Pass
			2	22.67	0.16	20.68	<=38.45	Pass
		3	3	22.70	0.16	20.71	<=38.45	Pass
			0	22.01	0.16	20.02	<=38.45	Pass
			0					

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	23.36	0.16	21.37	<=38.45	Pass
			7	23.49	0.16	21.50	<=38.45	Pass
			14	23.41	0.16	21.42	<=38.45	Pass
		8	0	22.50	0.16	20.51	<=38.45	Pass
			4	22.47	0.16	20.48	<=38.45	Pass
			7	22.47	0.16	20.48	<=38.45	Pass
		15	0	22.47	0.16	20.48	<=38.45	Pass
	836.5	1	0	23.75	0.16	21.76	<=38.45	Pass
			7	24.01	0.16	22.02	<=38.45	Pass
			14	23.87	0.16	21.88	<=38.45	Pass
		8	0	22.63	0.16	20.64	<=38.45	Pass
			4	22.74	0.16	20.75	<=38.45	Pass
			7	22.16	0.16	20.17	<=38.45	Pass
		15	0	22.46	0.16	20.47	<=38.45	Pass
	847.5	1	0	23.31	0.16	21.32	<=38.45	Pass
			7	23.72	0.16	21.73	<=38.45	Pass
			14	23.67	0.16	21.68	<=38.45	Pass
		8	0	22.83	0.16	20.84	<=38.45	Pass
			4	22.78	0.16	20.79	<=38.45	Pass
			7	22.69	0.16	20.70	<=38.45	Pass
		15	0	22.79	0.16	20.80	<=38.45	Pass
16QAM	825.5	1	0	22.56	0.16	20.57	<=38.45	Pass
			7	22.40	0.16	20.41	<=38.45	Pass
			14	22.15	0.16	20.16	<=38.45	Pass
		8	0	21.65	0.16	19.66	<=38.45	Pass
			4	21.86	0.16	19.87	<=38.45	Pass
			7	21.88	0.16	19.89	<=38.45	Pass
		15	0	21.77	0.16	19.78	<=38.45	Pass
	836.5	1	0	22.22	0.16	20.23	<=38.45	Pass
			7	22.36	0.16	20.37	<=38.45	Pass
			14	22.28	0.16	20.29	<=38.45	Pass
		8	0	21.31	0.16	19.32	<=38.45	Pass
			4	21.55	0.16	19.56	<=38.45	Pass
			7	21.50	0.16	19.51	<=38.45	Pass
		15	0	21.50	0.16	19.51	<=38.45	Pass
	847.5	1	0	22.60	0.16	20.61	<=38.45	Pass

64QAM			7	22.45	0.16	20.46	<=38.45	Pass
			14	22.50	0.16	20.51	<=38.45	Pass
			0	21.52	0.16	19.53	<=38.45	Pass
		8	4	21.66	0.16	19.67	<=38.45	Pass
			7	21.77	0.16	19.78	<=38.45	Pass
			0	21.83	0.16	19.84	<=38.45	Pass
	825.5	15	0	22.42	0.16	20.43	<=38.45	Pass
			7	22.45	0.16	20.46	<=38.45	Pass
			14	22.33	0.16	20.34	<=38.45	Pass
		8	0	21.75	0.16	19.76	<=38.45	Pass
			4	21.64	0.16	19.65	<=38.45	Pass
			7	21.56	0.16	19.57	<=38.45	Pass
		15	0	21.69	0.16	19.70	<=38.45	Pass
			0	22.31	0.16	20.32	<=38.45	Pass
			7	22.41	0.16	20.42	<=38.45	Pass
		1	14	22.38	0.16	20.39	<=38.45	Pass
			0	21.17	0.16	19.18	<=38.45	Pass
			4	21.35	0.16	19.36	<=38.45	Pass
		8	7	21.24	0.16	19.25	<=38.45	Pass
			0	21.65	0.16	19.66	<=38.45	Pass
		847.5	0	22.36	0.16	20.37	<=38.45	Pass
			7	22.62	0.16	20.63	<=38.45	Pass
			14	22.56	0.16	20.57	<=38.45	Pass
			0	21.64	0.16	19.65	<=38.45	Pass
			4	21.72	0.16	19.73	<=38.45	Pass
			7	21.68	0.16	19.69	<=38.45	Pass
			15	21.74	0.16	19.75	<=38.45	Pass
			0	21.74	0.16	19.75	<=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	23.63	0.16	21.64	<=38.45	Pass
			13	23.68	0.16	21.69	<=38.45	Pass
			24	23.39	0.16	21.40	<=38.45	Pass
		12	0	22.69	0.16	20.70	<=38.45	Pass
			6	22.58	0.16	20.59	<=38.45	Pass
			13	22.30	0.16	20.31	<=38.45	Pass
		25	0	22.52	0.16	20.53	<=38.45	Pass
			0	23.60	0.16	21.61	<=38.45	Pass
			13	23.77	0.16	21.78	<=38.45	Pass
	836.5	1	24	23.81	0.16	21.82	<=38.45	Pass
			0	22.71	0.16	20.72	<=38.45	Pass
			6	22.73	0.16	20.74	<=38.45	Pass
		12	13	22.69	0.16	20.70	<=38.45	Pass
			0	22.65	0.16	20.66	<=38.45	Pass
			0	23.91	0.16	21.92	<=38.45	Pass
		1	13	23.86	0.16	21.87	<=38.45	Pass
			24	23.81	0.16	21.82	<=38.45	Pass
			0	22.66	0.16	20.67	<=38.45	Pass
	846.5	12	6	22.81	0.16	20.82	<=38.45	Pass
			13	22.74	0.16	20.75	<=38.45	Pass
			0	22.68	0.16	20.69	<=38.45	Pass
16QAM	826.5	1	0	22.41	0.16	20.42	<=38.45	Pass
			13	22.40	0.16	20.41	<=38.45	Pass

			24	21.93	0.16	19.94	<=38.45	Pass	
			12	0	21.59	0.16	19.60	<=38.45	Pass
				6	21.76	0.16	19.77	<=38.45	Pass
				13	21.72	0.16	19.73	<=38.45	Pass
		25	0	21.61	0.16	19.62	<=38.45	Pass	
		836.5	1	0	22.63	0.16	20.64	<=38.45	Pass
				13	22.37	0.16	20.38	<=38.45	Pass
				24	22.16	0.16	20.17	<=38.45	Pass
			12	0	21.38	0.16	19.39	<=38.45	Pass
				6	21.55	0.16	19.56	<=38.45	Pass
	13			21.51	0.16	19.52	<=38.45	Pass	
	25		0	21.41	0.16	19.42	<=38.45	Pass	
	846.5	1	0	22.51	0.16	20.52	<=38.45	Pass	
			13	22.41	0.16	20.42	<=38.45	Pass	
			24	22.16	0.16	20.17	<=38.45	Pass	
		12	0	21.74	0.16	19.75	<=38.45	Pass	
			6	21.56	0.16	19.57	<=38.45	Pass	
			13	21.55	0.16	19.56	<=38.45	Pass	
		25	0	21.78	0.16	19.79	<=38.45	Pass	
	64QAM	826.5	1	0	22.29	0.16	20.30	<=38.45	Pass
				13	21.95	0.16	19.96	<=38.45	Pass
				24	21.63	0.16	19.64	<=38.45	Pass
			12	0	21.44	0.16	19.45	<=38.45	Pass
				6	21.40	0.16	19.41	<=38.45	Pass
13				21.40	0.16	19.41	<=38.45	Pass	
25			0	21.58	0.16	19.59	<=38.45	Pass	
836.5			1	0	22.30	0.16	20.31	<=38.45	Pass
				13	22.26	0.16	20.27	<=38.45	Pass
				24	22.12	0.16	20.13	<=38.45	Pass
		12	0	21.29	0.16	19.30	<=38.45	Pass	
			6	21.47	0.16	19.48	<=38.45	Pass	
			13	21.30	0.16	19.31	<=38.45	Pass	
		25	0	21.56	0.16	19.57	<=38.45	Pass	
846.5		1	0	22.15	0.16	20.16	<=38.45	Pass	
			13	22.40	0.16	20.41	<=38.45	Pass	
			24	22.11	0.16	20.12	<=38.45	Pass	
		12	0	21.67	0.16	19.68	<=38.45	Pass	
			6	21.72	0.16	19.73	<=38.45	Pass	
			13	21.51	0.16	19.52	<=38.45	Pass	
		25	0	21.87	0.16	19.88	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.95	0.16	21.96	<=38.45	Pass
			25	23.59	0.16	21.60	<=38.45	Pass
			49	23.74	0.16	21.75	<=38.45	Pass
		25	0	22.64	0.16	20.65	<=38.45	Pass
			13	22.53	0.16	20.54	<=38.45	Pass
			25	22.62	0.16	20.63	<=38.45	Pass
	50	0	22.67	0.16	20.68	<=38.45	Pass	
	836.5	1	0	23.88	0.16	21.89	<=38.45	Pass
			25	23.99	0.16	22.00	<=38.45	Pass
49			23.93	0.16	21.94	<=38.45	Pass	

		25	0	22.80	0.16	20.81	<=38.45	Pass		
			13	22.73	0.16	20.74	<=38.45	Pass		
			25	22.70	0.16	20.71	<=38.45	Pass		
		50	0	22.68	0.16	20.69	<=38.45	Pass		
			1	0	23.91	0.16	21.92	<=38.45	Pass	
				25	24.02	0.16	22.03	<=38.45	Pass	
		49		23.75	0.16	21.76	<=38.45	Pass		
		844	25	0	22.76	0.16	20.77	<=38.45	Pass	
				13	22.80	0.16	20.81	<=38.45	Pass	
	25			22.81	0.16	20.82	<=38.45	Pass		
	50		0	22.89	0.16	20.90	<=38.45	Pass		
	16QAM	829	1	0	22.35	0.16	20.36	<=38.45	Pass	
25				22.72	0.16	20.73	<=38.45	Pass		
49				22.31	0.16	20.32	<=38.45	Pass		
25			0	21.48	0.16	19.49	<=38.45	Pass		
			13	21.66	0.16	19.67	<=38.45	Pass		
			25	21.73	0.16	19.74	<=38.45	Pass		
50			0	21.69	0.16	19.70	<=38.45	Pass		
836.5			1	0	22.64	0.16	20.65	<=38.45	Pass	
				25	22.53	0.16	20.54	<=38.45	Pass	
		49		21.95	0.16	19.96	<=38.45	Pass		
		25	0	21.71	0.16	19.72	<=38.45	Pass		
			13	21.86	0.16	19.87	<=38.45	Pass		
			25	21.83	0.16	19.84	<=38.45	Pass		
		50	0	21.71	0.16	19.72	<=38.45	Pass		
		844	1	0	22.75	0.16	20.76	<=38.45	Pass	
				25	22.99	0.16	21.00	<=38.45	Pass	
49				22.47	0.16	20.48	<=38.45	Pass		
25			0	21.52	0.16	19.53	<=38.45	Pass		
			13	21.69	0.16	19.70	<=38.45	Pass		
			25	21.76	0.16	19.77	<=38.45	Pass		
50			0	21.81	0.16	19.82	<=38.45	Pass		
64QAM			829	1	0	22.52	0.16	20.53	<=38.45	Pass
					25	22.46	0.16	20.47	<=38.45	Pass
		49			22.37	0.16	20.38	<=38.45	Pass	
		25		0	21.75	0.16	19.76	<=38.45	Pass	
				13	21.55	0.16	19.56	<=38.45	Pass	
				25	21.61	0.16	19.62	<=38.45	Pass	
		50		0	21.77	0.16	19.78	<=38.45	Pass	
		836.5		1	0	21.71	0.16	19.72	<=38.45	Pass
					25	22.75	0.16	20.76	<=38.45	Pass
			49		22.28	0.16	20.29	<=38.45	Pass	
			25	0	21.79	0.16	19.80	<=38.45	Pass	
				13	21.72	0.16	19.73	<=38.45	Pass	
				25	21.62	0.16	19.63	<=38.45	Pass	
		50	0	21.79	0.16	19.80	<=38.45	Pass		
		844	1	0	22.56	0.16	20.57	<=38.45	Pass	
	25			22.60	0.16	20.61	<=38.45	Pass		
	49			22.63	0.16	20.64	<=38.45	Pass		
	25		0	21.89	0.16	19.90	<=38.45	Pass		
			13	21.94	0.16	19.95	<=38.45	Pass		
			25	21.95	0.16	19.96	<=38.45	Pass		
	50		0	21.91	0.16	19.92	<=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	20.4	-6.600	-0.0080	-2.5 to 2.5	Pass
					24	-6.000	-0.0073	-2.5 to 2.5	Pass
					27.6	-3.000	-0.0036	-2.5 to 2.5	Pass
				-30	24	-3.300	-0.0040	-2.5 to 2.5	Pass
				-20	24	-5.000	-0.0061	-2.5 to 2.5	Pass
				-10	24	-4.600	-0.0056	-2.5 to 2.5	Pass
				0	24	-4.200	-0.0051	-2.5 to 2.5	Pass
				10	24	-2.300	-0.0028	-2.5 to 2.5	Pass
				30	24	-4.500	-0.0055	-2.5 to 2.5	Pass
				40	24	-2.900	-0.0035	-2.5 to 2.5	Pass
				50	24	-2.900	-0.0035	-2.5 to 2.5	Pass
	836.5	6	0	20	20.4	13.300	0.0159	-2.5 to 2.5	Pass
					24	12.000	0.0143	-2.5 to 2.5	Pass
					27.6	11.100	0.0133	-2.5 to 2.5	Pass
				-30	24	10.300	0.0123	-2.5 to 2.5	Pass
				-20	24	9.700	0.0116	-2.5 to 2.5	Pass
				-10	24	8.300	0.0099	-2.5 to 2.5	Pass
				0	24	8.300	0.0099	-2.5 to 2.5	Pass
				10	24	6.000	0.0072	-2.5 to 2.5	Pass
				30	24	5.600	0.0067	-2.5 to 2.5	Pass
				40	24	3.700	0.0044	-2.5 to 2.5	Pass
				50	24	4.400	0.0053	-2.5 to 2.5	Pass
	848.3	6	0	20	20.4	2.300	0.0027	-2.5 to 2.5	Pass
					24	1.600	0.0019	-2.5 to 2.5	Pass
					27.6	2.400	0.0028	-2.5 to 2.5	Pass
				-30	24	2.800	0.0033	-2.5 to 2.5	Pass
				-20	24	2.300	0.0027	-2.5 to 2.5	Pass
				-10	24	1.300	0.0015	-2.5 to 2.5	Pass
				0	24	0.700	0.0008	-2.5 to 2.5	Pass
				10	24	0.500	0.0006	-2.5 to 2.5	Pass
				30	24	0.800	0.0009	-2.5 to 2.5	Pass
				40	24	-0.300	-0.0004	-2.5 to 2.5	Pass
				50	24	-0.100	-0.0001	-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	20.4	2.700	0.0033	-2.5 to 2.5	Pass
					24	4.600	0.0056	-2.5 to 2.5	Pass
					27.6	1.400	0.0017	-2.5 to 2.5	Pass
				-30	24	4.200	0.0051	-2.5 to 2.5	Pass
				-20	24	5.400	0.0065	-2.5 to 2.5	Pass
				-10	24	4.200	0.0051	-2.5 to 2.5	Pass
				0	24	5.900	0.0071	-2.5 to 2.5	Pass
				10	24	3.400	0.0041	-2.5 to 2.5	Pass

				30	24	4.600	0.0056	-2.5 to 2.5	Pass
				40	24	3.400	0.0041	-2.5 to 2.5	Pass
				50	24	4.300	0.0052	-2.5 to 2.5	Pass
	836.5	15	0	20	20.4	2.500	0.0030	-2.5 to 2.5	Pass
					24	3.200	0.0038	-2.5 to 2.5	Pass
					27.6	4.500	0.0054	-2.5 to 2.5	Pass
				-30	24	2.600	0.0031	-2.5 to 2.5	Pass
				-20	24	2.100	0.0025	-2.5 to 2.5	Pass
				-10	24	3.400	0.0041	-2.5 to 2.5	Pass
				0	24	4.000	0.0048	-2.5 to 2.5	Pass
				10	24	5.100	0.0061	-2.5 to 2.5	Pass
				30	24	1.600	0.0019	-2.5 to 2.5	Pass
				40	24	2.400	0.0029	-2.5 to 2.5	Pass
				50	24	1.900	0.0023	-2.5 to 2.5	Pass
	847.5	15	0	20	20.4	1.500	0.0018	-2.5 to 2.5	Pass
					24	3.900	0.0046	-2.5 to 2.5	Pass
					27.6	3.500	0.0041	-2.5 to 2.5	Pass
				-30	24	5.600	0.0066	-2.5 to 2.5	Pass
				-20	24	1.700	0.0020	-2.5 to 2.5	Pass
				-10	24	3.500	0.0041	-2.5 to 2.5	Pass
				0	24	2.900	0.0034	-2.5 to 2.5	Pass
				10	24	1.700	0.0020	-2.5 to 2.5	Pass
				30	24	3.900	0.0046	-2.5 to 2.5	Pass
				40	24	5.100	0.0060	-2.5 to 2.5	Pass
				50	24	3.100	0.0037	-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	20.4	4.900	0.0059	-2.5 to 2.5	Pass
					24	3.400	0.0041	-2.5 to 2.5	Pass
					27.6	2.200	0.0027	-2.5 to 2.5	Pass
				-30	24	3.400	0.0041	-2.5 to 2.5	Pass
				-20	24	6.100	0.0074	-2.5 to 2.5	Pass
				-10	24	2.600	0.0031	-2.5 to 2.5	Pass
				0	24	0.200	0.0002	-2.5 to 2.5	Pass
				10	24	2.800	0.0034	-2.5 to 2.5	Pass
				30	24	1.400	0.0017	-2.5 to 2.5	Pass
				40	24	1.900	0.0023	-2.5 to 2.5	Pass
				50	24	2.900	0.0035	-2.5 to 2.5	Pass
	836.5	25	0	20	20.4	1.400	0.0017	-2.5 to 2.5	Pass
					24	3.200	0.0038	-2.5 to 2.5	Pass
					27.6	4.200	0.0050	-2.5 to 2.5	Pass
				-30	24	4.700	0.0056	-2.5 to 2.5	Pass
				-20	24	0.300	0.0004	-2.5 to 2.5	Pass
				-10	24	2.000	0.0024	-2.5 to 2.5	Pass
				0	24	4.300	0.0051	-2.5 to 2.5	Pass
				10	24	3.600	0.0043	-2.5 to 2.5	Pass
				30	24	3.000	0.0036	-2.5 to 2.5	Pass
				40	24	3.500	0.0042	-2.5 to 2.5	Pass
				50	24	2.300	0.0027	-2.5 to 2.5	Pass
	846.5	25	0	20	20.4	4.800	0.0057	-2.5 to 2.5	Pass
					24	0.300	0.0004	-2.5 to 2.5	Pass
					27.6	4.300	0.0051	-2.5 to 2.5	Pass
				-30	24	2.100	0.0025	-2.5 to 2.5	Pass

				-20	24	2.100	0.0025	-2.5 to 2.5	Pass
				-10	24	3.400	0.0040	-2.5 to 2.5	Pass
				0	24	3.900	0.0046	-2.5 to 2.5	Pass
				10	24	3.100	0.0037	-2.5 to 2.5	Pass
				30	24	3.100	0.0037	-2.5 to 2.5	Pass
				40	24	1.500	0.0018	-2.5 to 2.5	Pass
				50	24	1.800	0.0021	-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	20.4	1.500	0.0018	-2.5 to 2.5	Pass
					24	0.100	0.0001	-2.5 to 2.5	Pass
					27.6	1.000	0.0012	-2.5 to 2.5	Pass
				-30	24	2.400	0.0029	-2.5 to 2.5	Pass
				-20	24	2.300	0.0028	-2.5 to 2.5	Pass
				-10	24	0.100	0.0001	-2.5 to 2.5	Pass
				0	24	1.000	0.0012	-2.5 to 2.5	Pass
				10	24	1.600	0.0019	-2.5 to 2.5	Pass
				30	24	1.200	0.0014	-2.5 to 2.5	Pass
				40	24	1.200	0.0014	-2.5 to 2.5	Pass
				50	24	1.000	0.0012	-2.5 to 2.5	Pass
	836.5	50	0	20	20.4	2.200	0.0026	-2.5 to 2.5	Pass
					24	1.600	0.0019	-2.5 to 2.5	Pass
					27.6	2.500	0.0030	-2.5 to 2.5	Pass
				-30	24	2.000	0.0024	-2.5 to 2.5	Pass
				-20	24	1.200	0.0014	-2.5 to 2.5	Pass
				-10	24	1.100	0.0013	-2.5 to 2.5	Pass
				0	24	2.200	0.0026	-2.5 to 2.5	Pass
				10	24	0.000	0.0000	-2.5 to 2.5	Pass
				30	24	0.000	0.0000	-2.5 to 2.5	Pass
				40	24	0.400	0.0005	-2.5 to 2.5	Pass
				50	24	1.900	0.0023	-2.5 to 2.5	Pass
	844	50	0	20	20.4	1.800	0.0021	-2.5 to 2.5	Pass
					24	2.300	0.0027	-2.5 to 2.5	Pass
					27.6	-0.700	-0.0008	-2.5 to 2.5	Pass
				-30	24	1.200	0.0014	-2.5 to 2.5	Pass
				-20	24	1.300	0.0015	-2.5 to 2.5	Pass
				-10	24	0.500	0.0006	-2.5 to 2.5	Pass
				0	24	3.800	0.0045	-2.5 to 2.5	Pass
				10	24	0.900	0.0011	-2.5 to 2.5	Pass
				30	24	1.200	0.0014	-2.5 to 2.5	Pass
				40	24	1.200	0.0014	-2.5 to 2.5	Pass
				50	24	2.700	0.0032	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

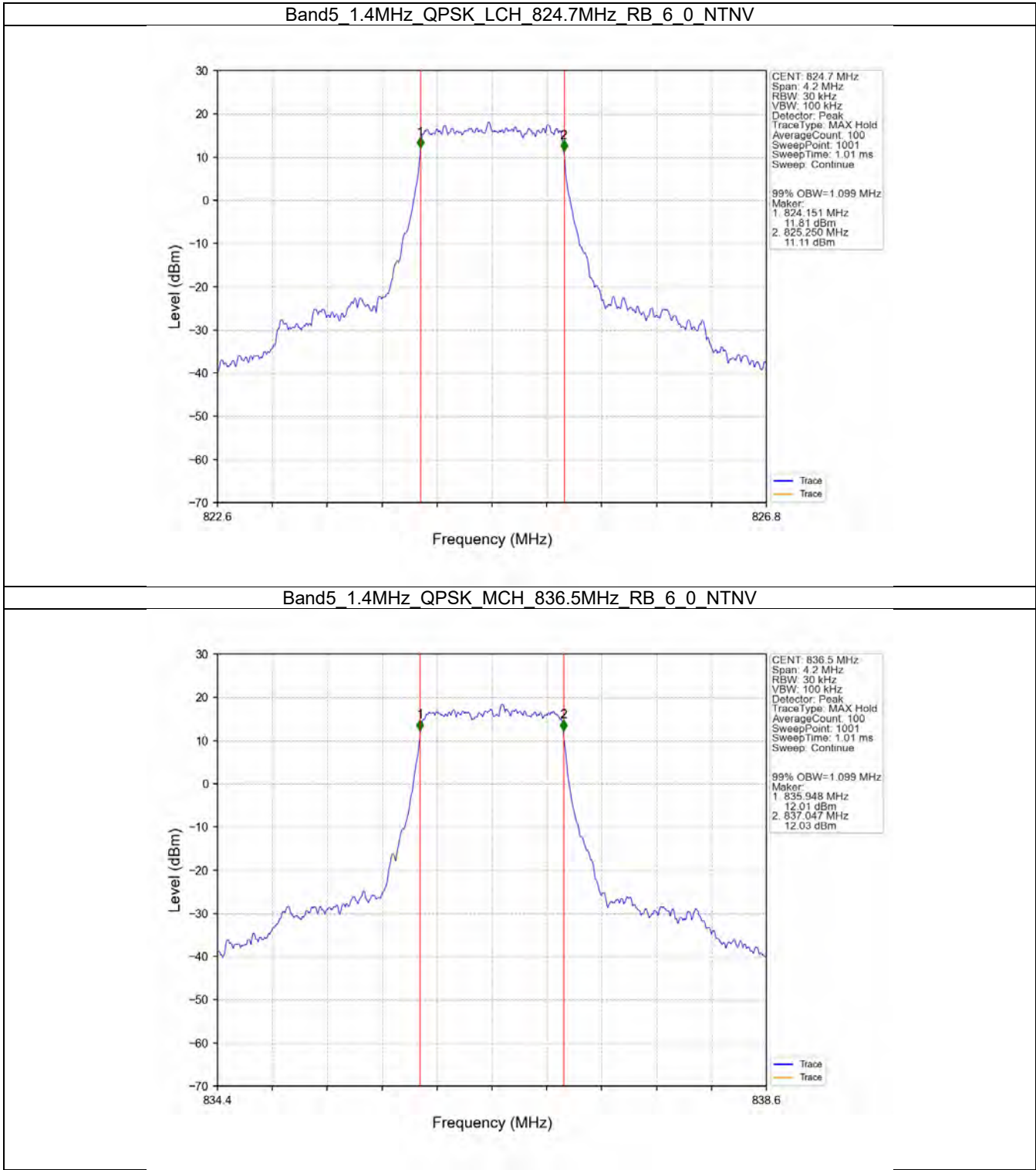
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.099	/	Pass
		836.5	6	0	1.099	/	Pass
		848.3	6	0	1.100	/	Pass
	16QAM	824.7	6	0	1.098	/	Pass
		836.5	6	0	1.101	/	Pass
		848.3	6	0	1.100	/	Pass
	64QAM	824.7	6	0	1.096	/	Pass
		836.5	6	0	1.096	/	Pass
		848.3	6	0	1.098	/	Pass
3	QPSK	825.5	15	0	2.728	/	Pass
		836.5	15	0	2.729	/	Pass
		847.5	15	0	2.732	/	Pass
	16QAM	825.5	15	0	2.728	/	Pass
		836.5	15	0	2.726	/	Pass
		847.5	15	0	2.731	/	Pass
	64QAM	825.5	15	0	2.736	/	Pass
		836.5	15	0	2.733	/	Pass
		847.5	15	0	2.738	/	Pass
5	QPSK	826.5	25	0	4.500	/	Pass
		836.5	25	0	4.502	/	Pass
		846.5	25	0	4.509	/	Pass
	16QAM	826.5	25	0	4.490	/	Pass
		836.5	25	0	4.499	/	Pass
		846.5	25	0	4.502	/	Pass
	64QAM	826.5	25	0	4.497	/	Pass
		836.5	25	0	4.495	/	Pass
		846.5	25	0	4.494	/	Pass
10	QPSK	829	50	0	8.997	/	Pass
		836.5	50	0	8.996	/	Pass
		844	50	0	8.990	/	Pass
	16QAM	829	50	0	8.966	/	Pass
		836.5	50	0	8.967	/	Pass
		844	50	0	8.963	/	Pass
	64QAM	829	50	0	8.984	/	Pass
		836.5	50	0	8.988	/	Pass
		844	50	0	8.963	/	Pass

3.1.2 Band5_XDB

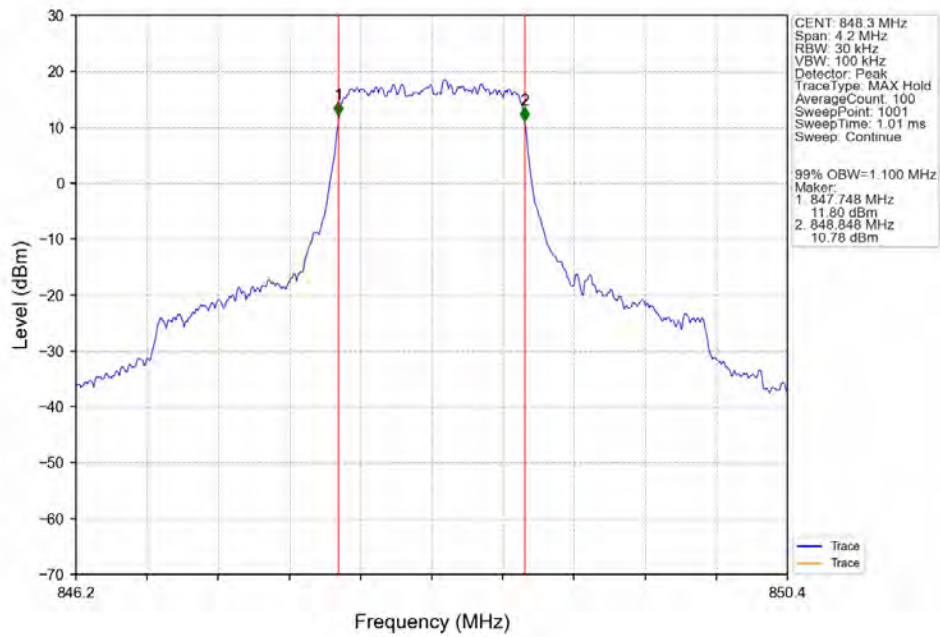
Band: 5 / NTNv							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.331	/	Pass
		836.5	6	0	1.284	/	Pass
		848.3	6	0	1.300	/	Pass
	16QAM	824.7	6	0	1.307	/	Pass
		836.5	6	0	1.293	/	Pass
		848.3	6	0	1.306	/	Pass
	64QAM	824.7	6	0	1.303	/	Pass
		836.5	6	0	1.301	/	Pass
		848.3	6	0	1.307	/	Pass
3	QPSK	825.5	15	0	3.069	/	Pass
		836.5	15	0	3.041	/	Pass
		847.5	15	0	3.070	/	Pass
	16QAM	825.5	15	0	3.062	/	Pass
		836.5	15	0	3.061	/	Pass
		847.5	15	0	3.053	/	Pass
	64QAM	825.5	15	0	3.043	/	Pass
		836.5	15	0	3.071	/	Pass
		847.5	15	0	3.063	/	Pass
5	QPSK	826.5	25	0	5.057	/	Pass
		836.5	25	0	5.024	/	Pass
		846.5	25	0	5.053	/	Pass
	16QAM	826.5	25	0	5.001	/	Pass
		836.5	25	0	4.979	/	Pass
		846.5	25	0	5.034	/	Pass
	64QAM	826.5	25	0	5.014	/	Pass
		836.5	25	0	4.994	/	Pass
		846.5	25	0	4.988	/	Pass
10	QPSK	829	50	0	9.897	/	Pass
		836.5	50	0	9.934	/	Pass
		844	50	0	9.845	/	Pass
	16QAM	829	50	0	9.901	/	Pass
		836.5	50	0	9.830	/	Pass
		844	50	0	9.886	/	Pass
	64QAM	829	50	0	9.874	/	Pass
		836.5	50	0	9.981	/	Pass
		844	50	0	9.914	/	Pass

3.2 Test Graph

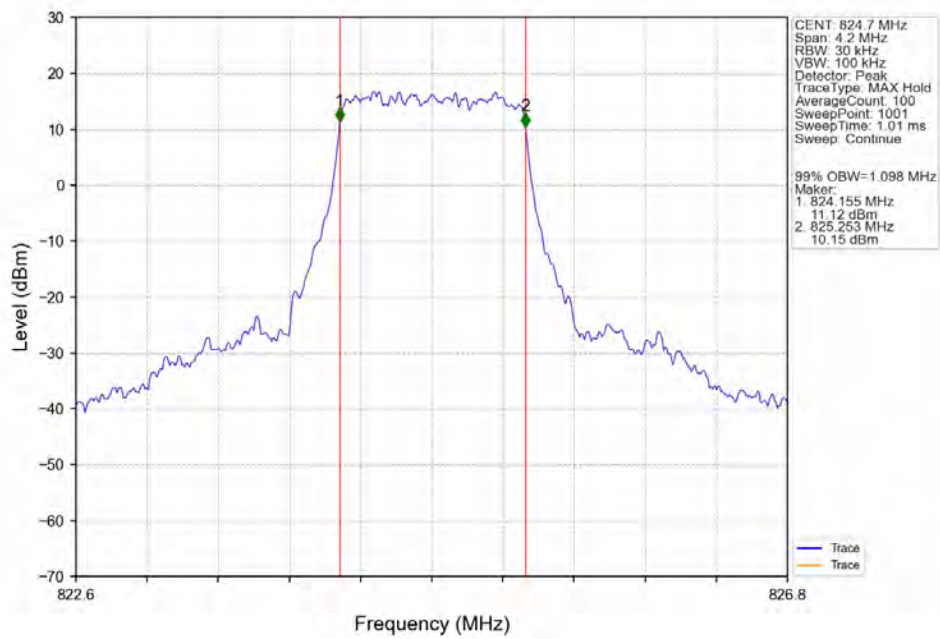
3.2.1 Band5_OBW



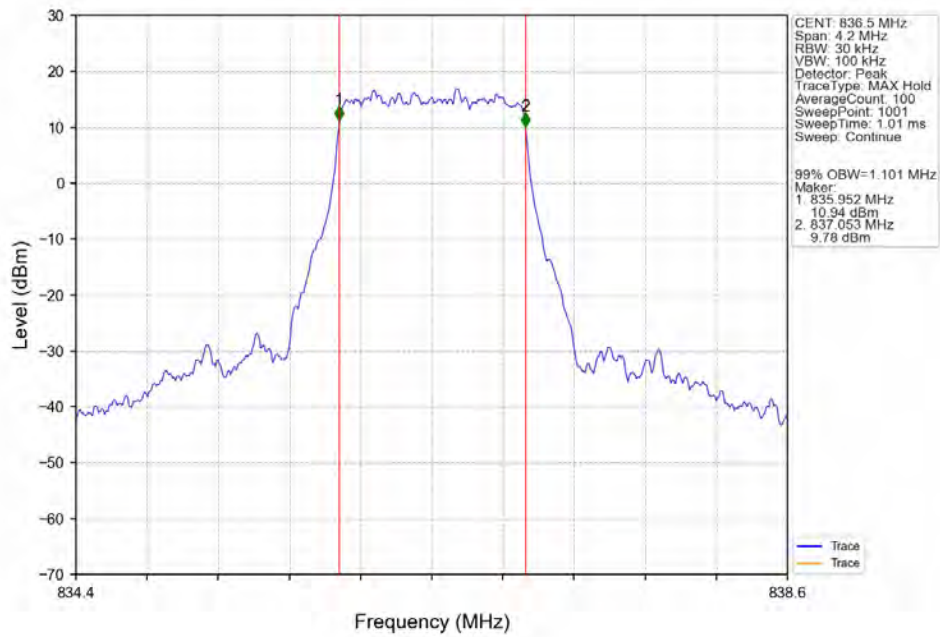
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



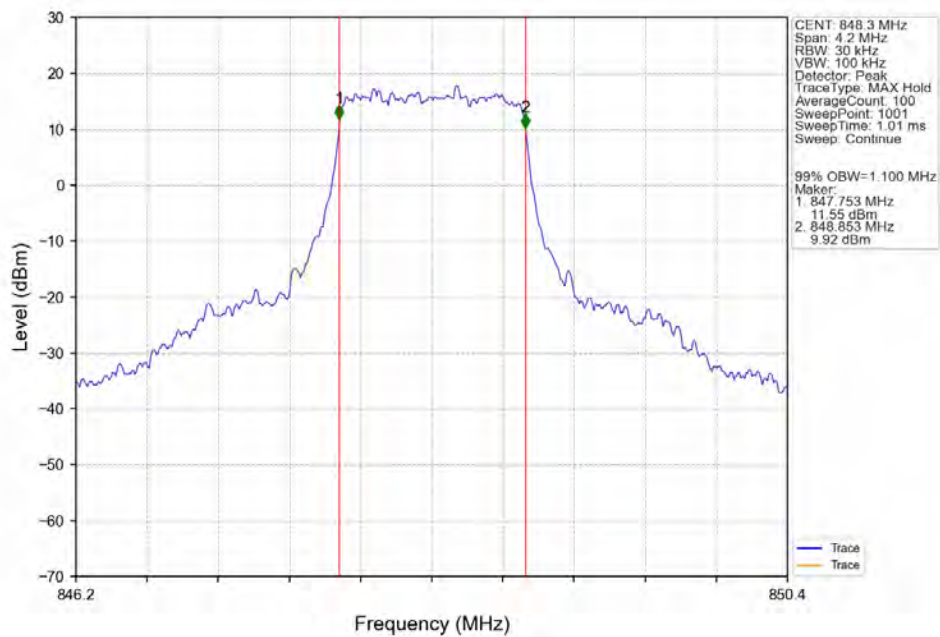
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



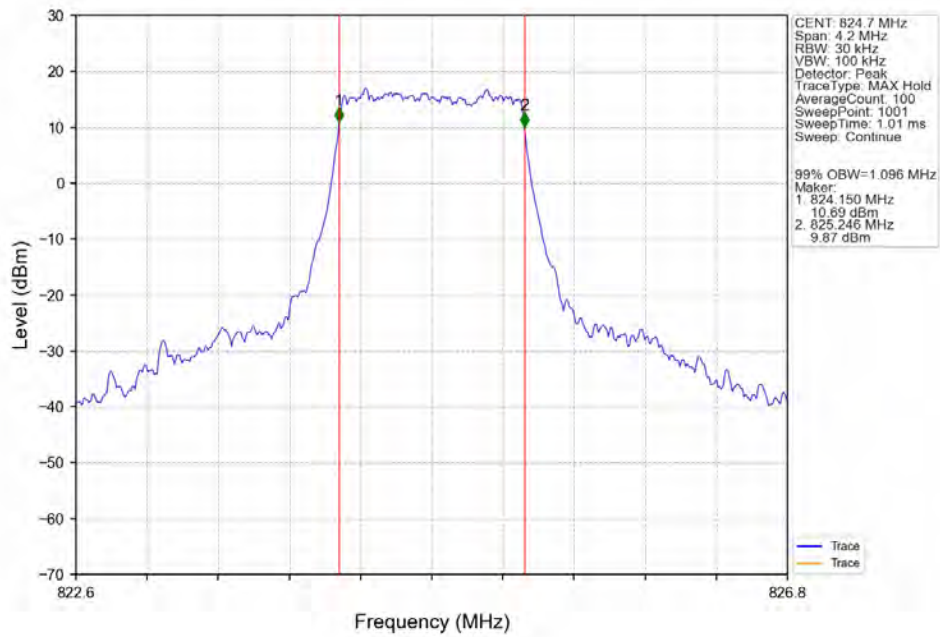
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



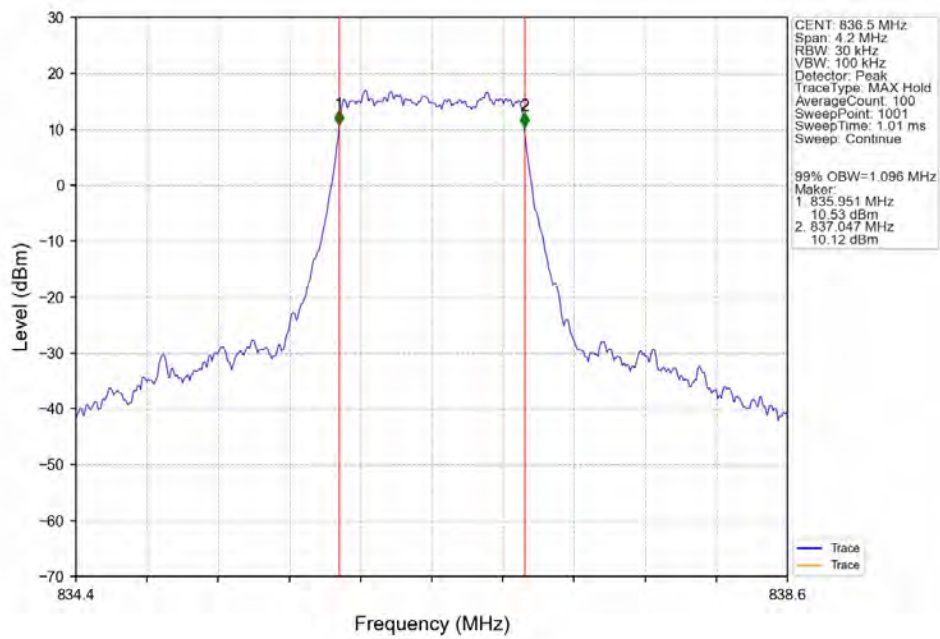
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



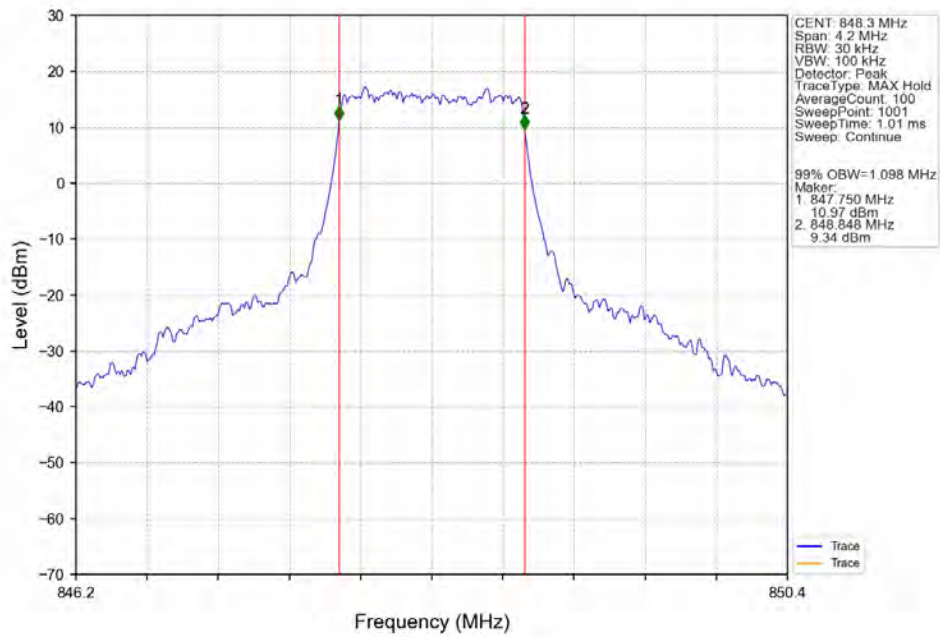
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



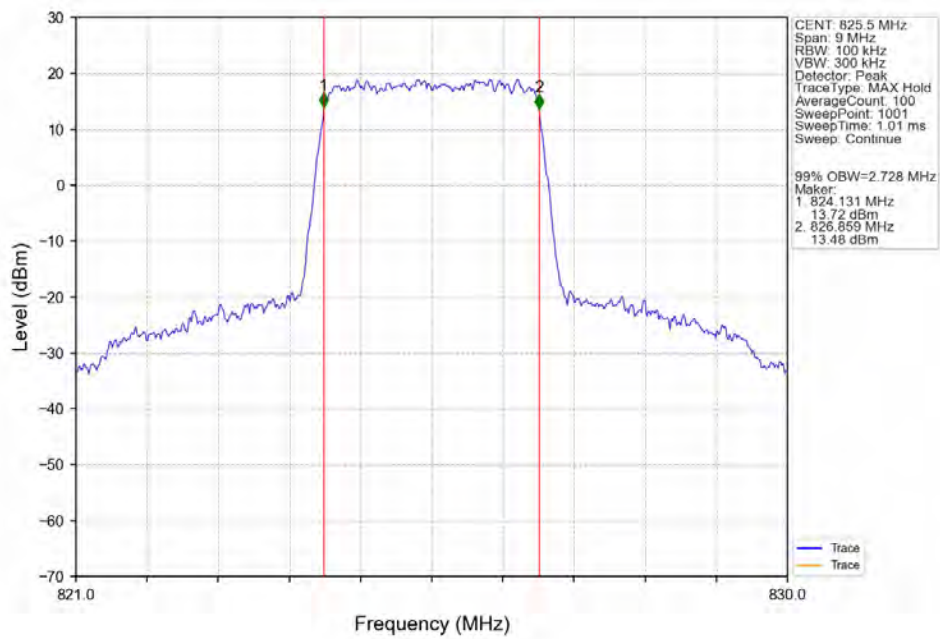
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



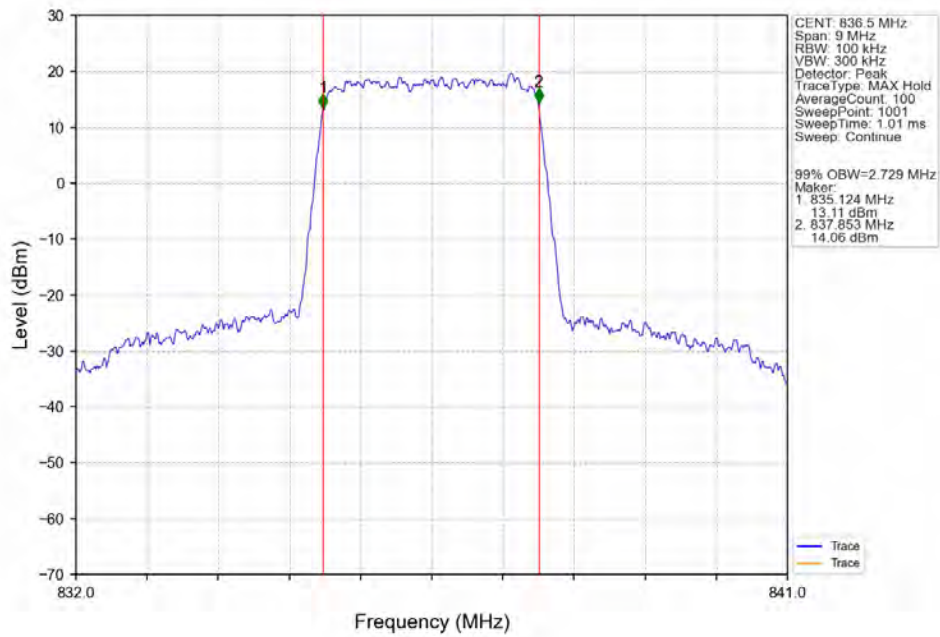
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



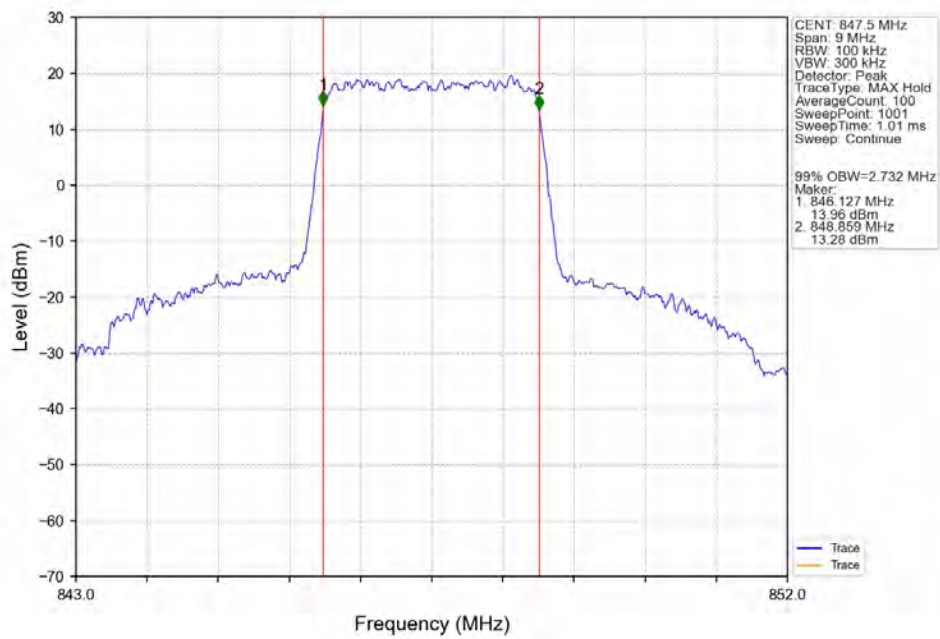
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



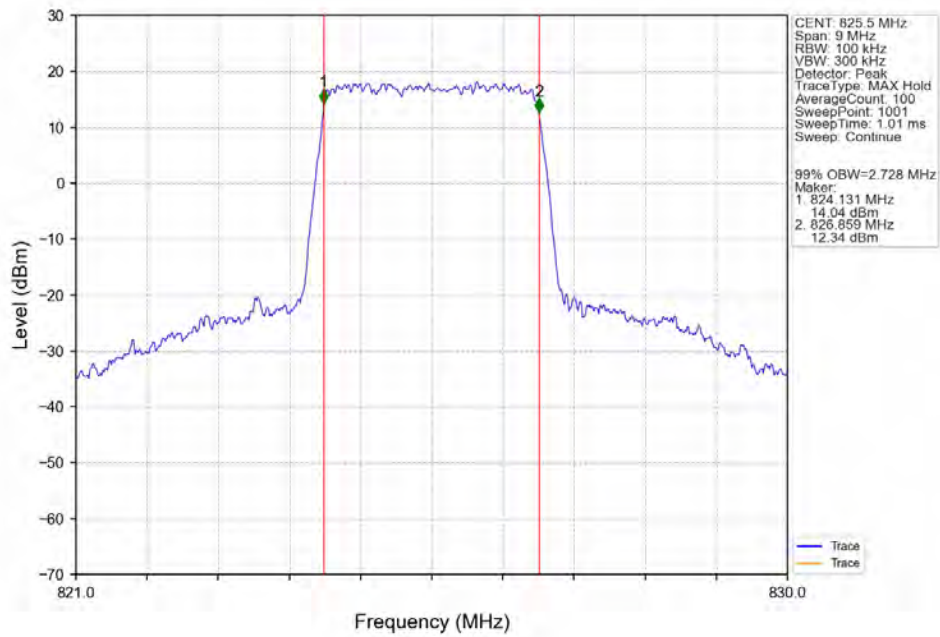
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



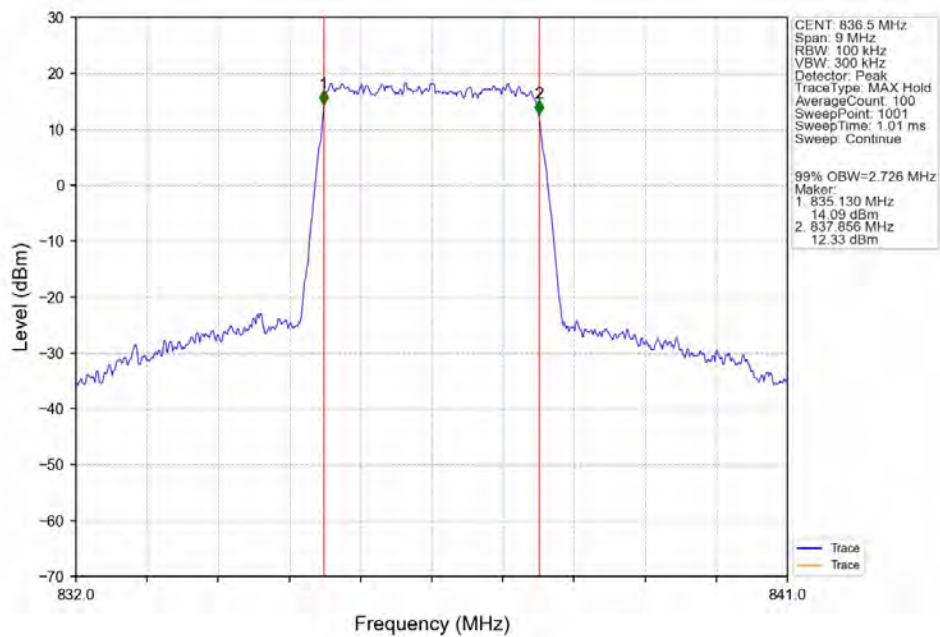
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



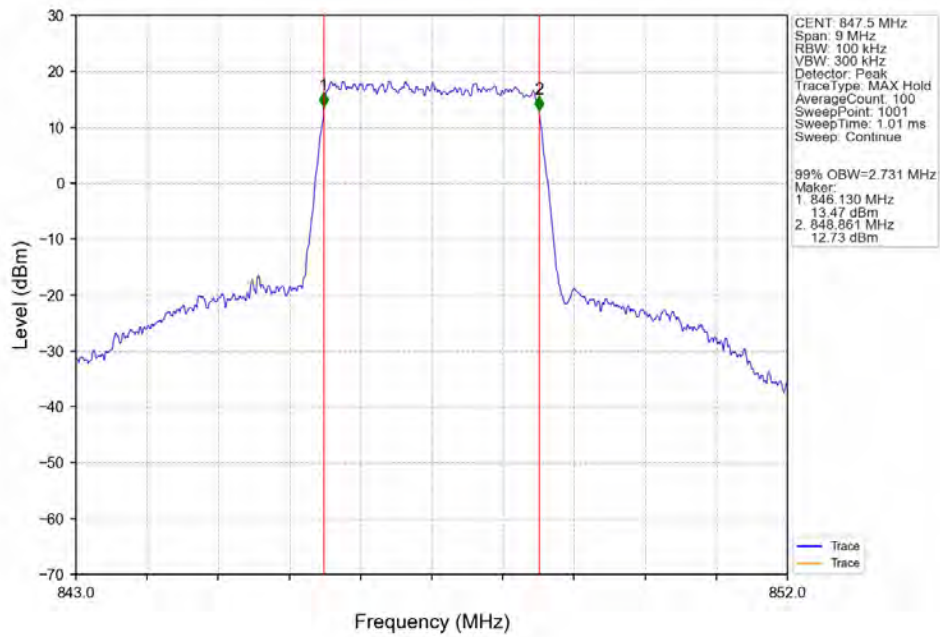
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTV



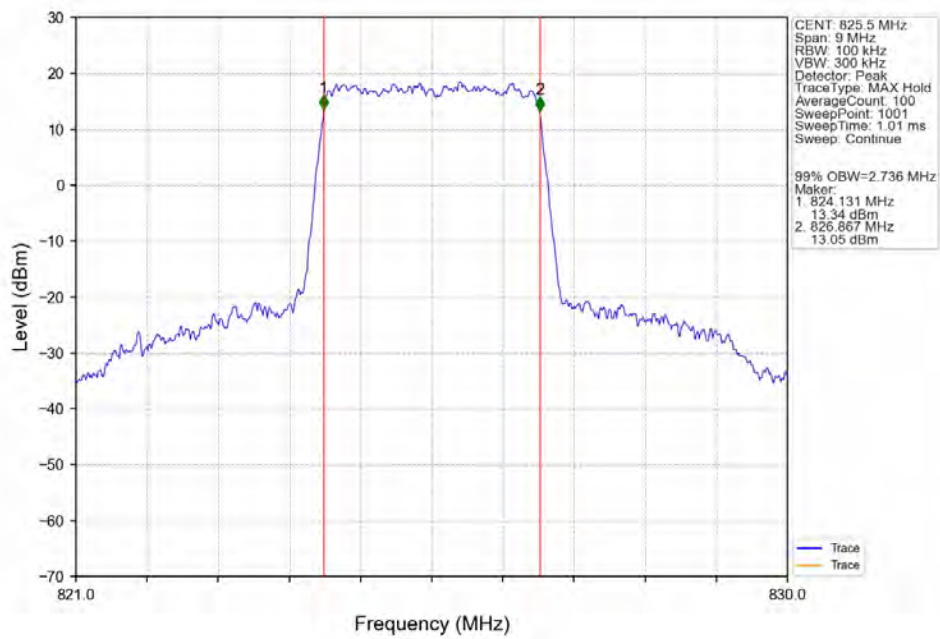
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTV



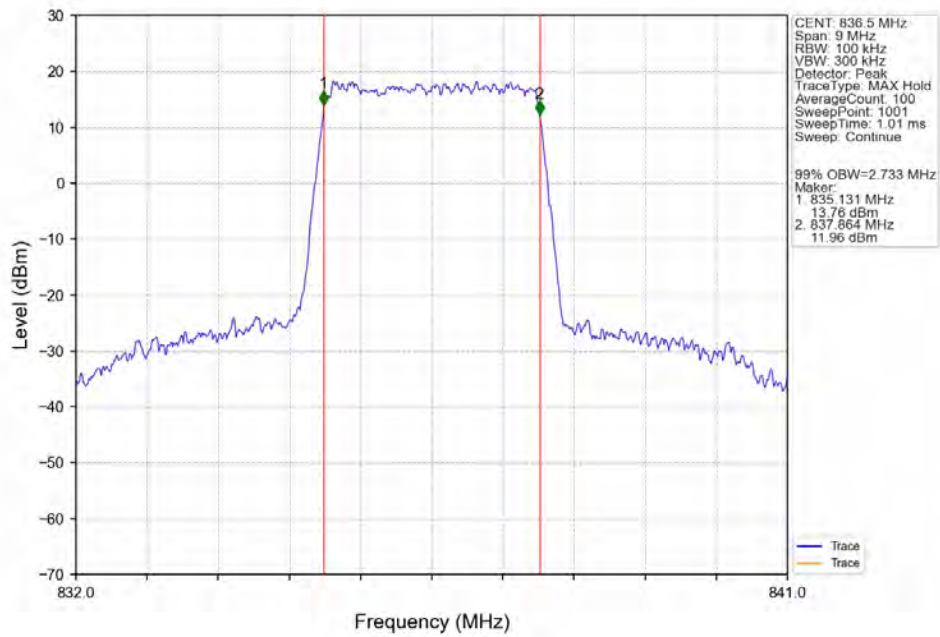
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



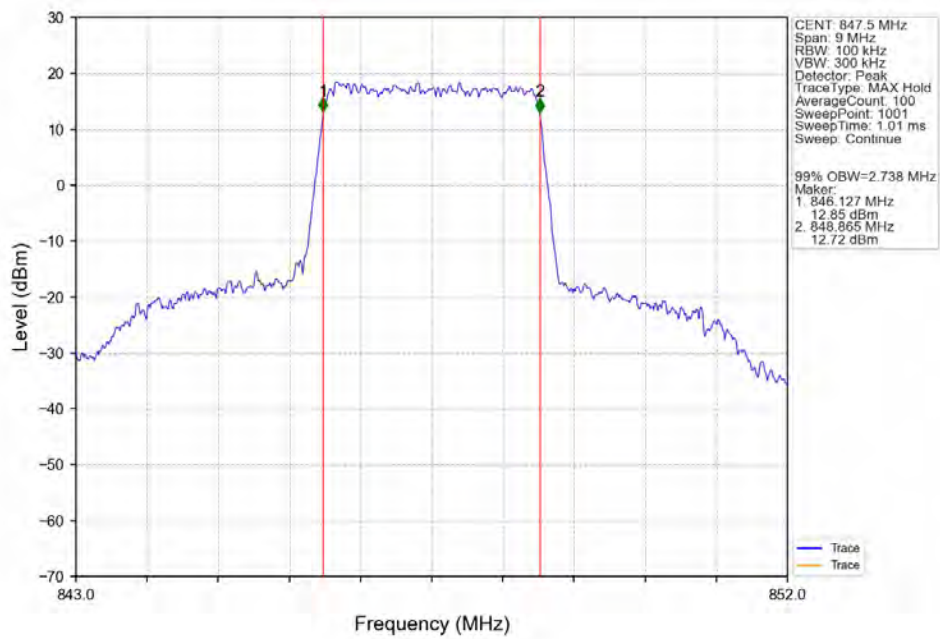
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



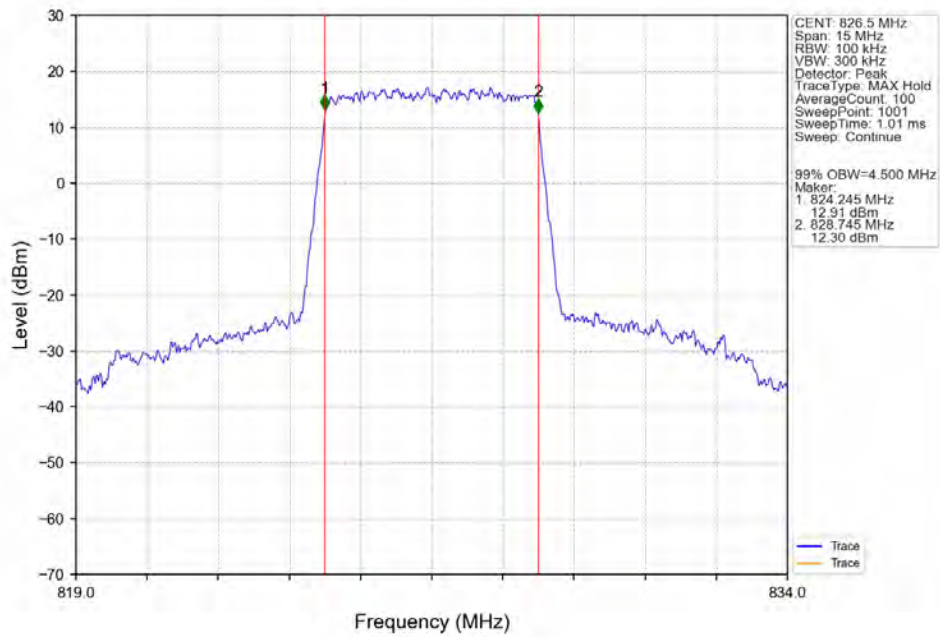
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



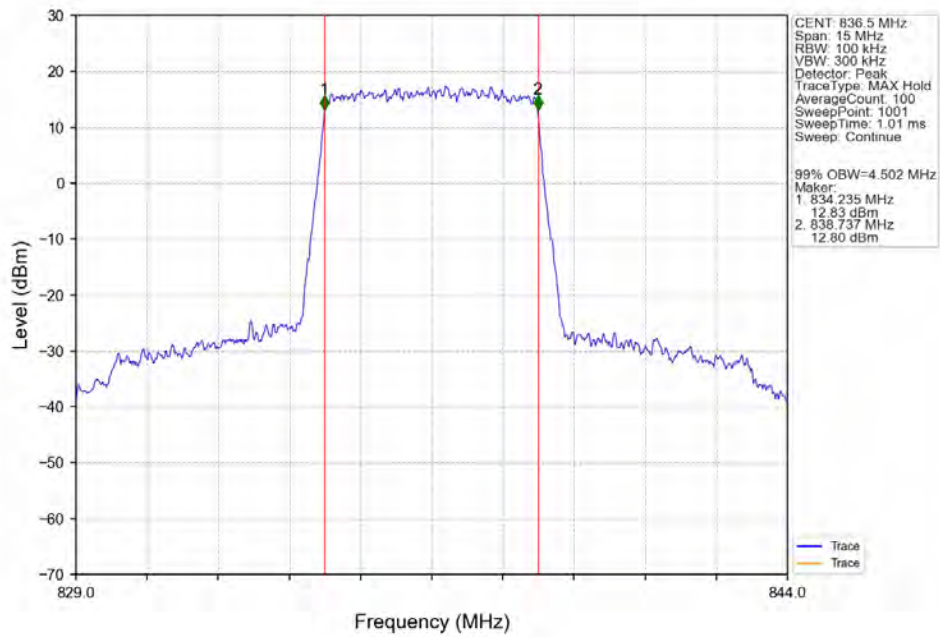
Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



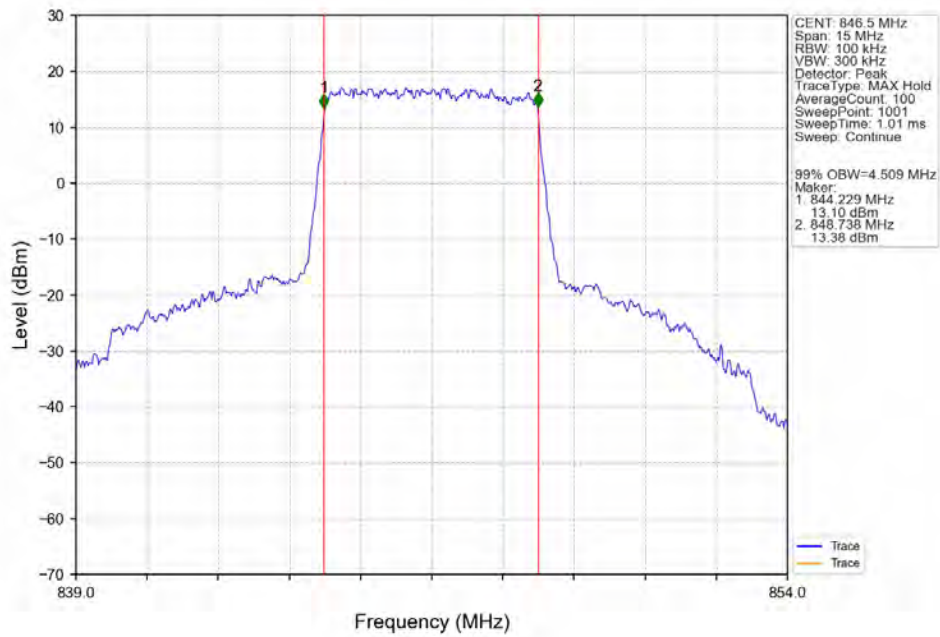
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



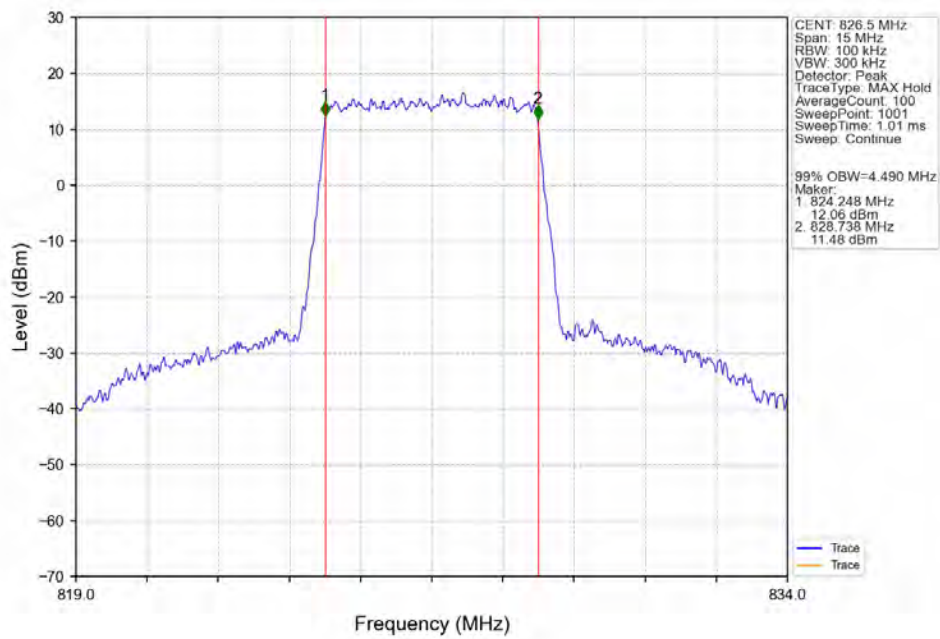
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



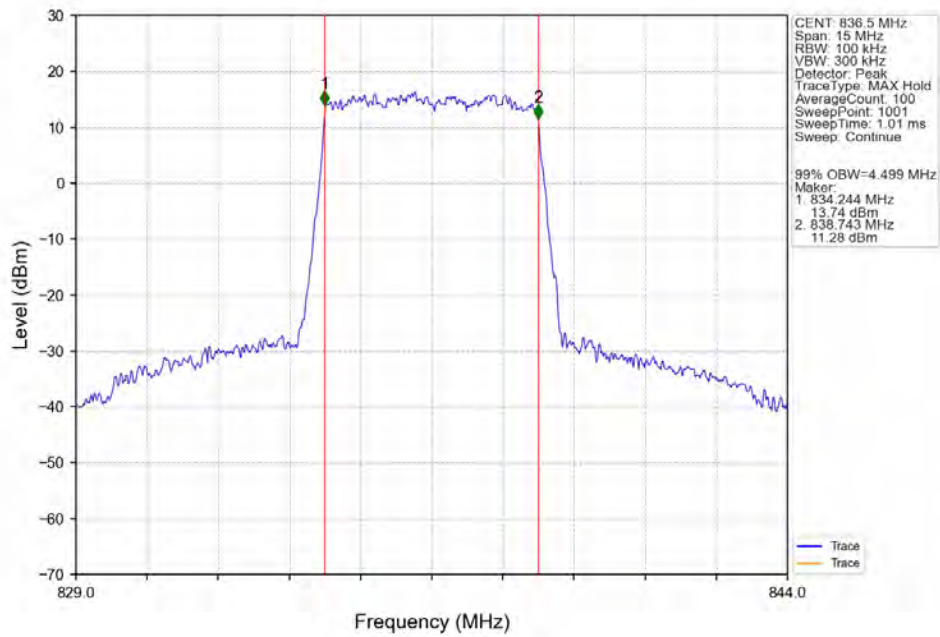
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



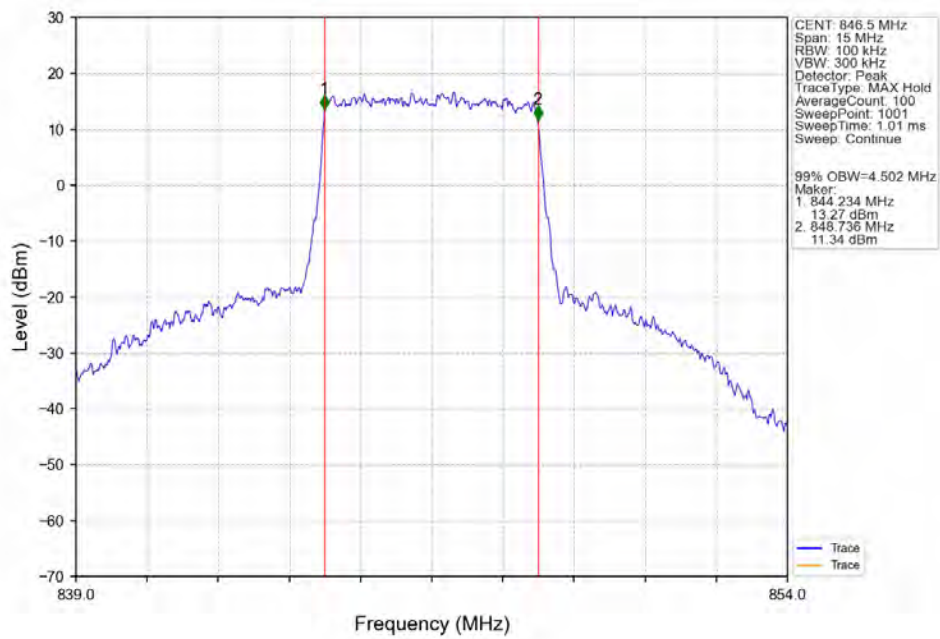
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



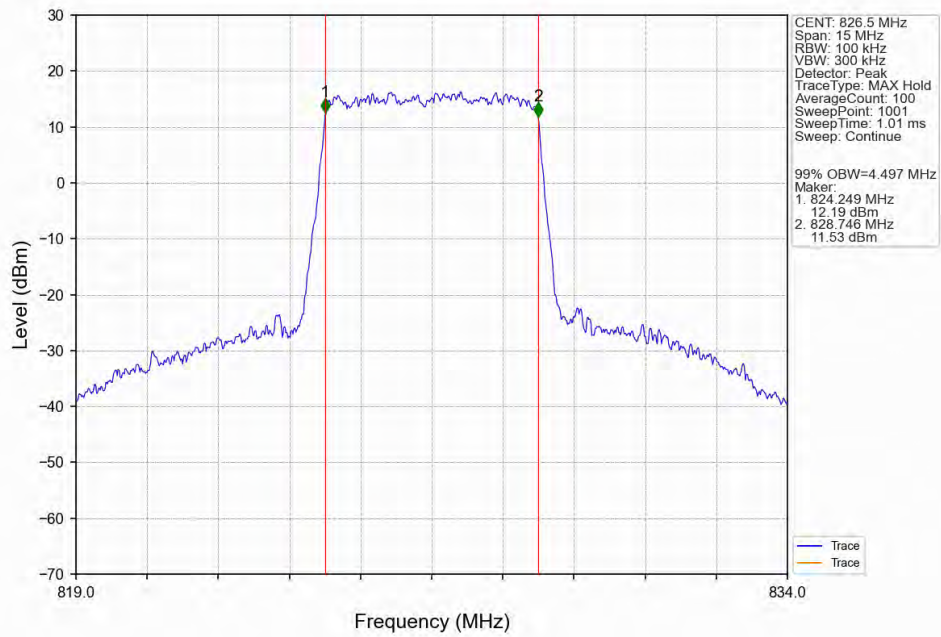
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



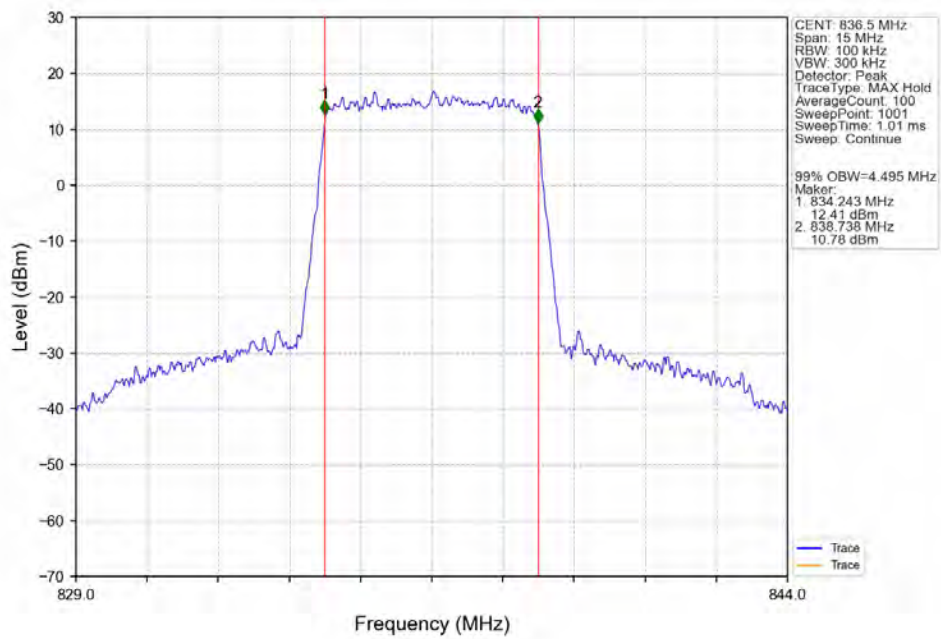
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



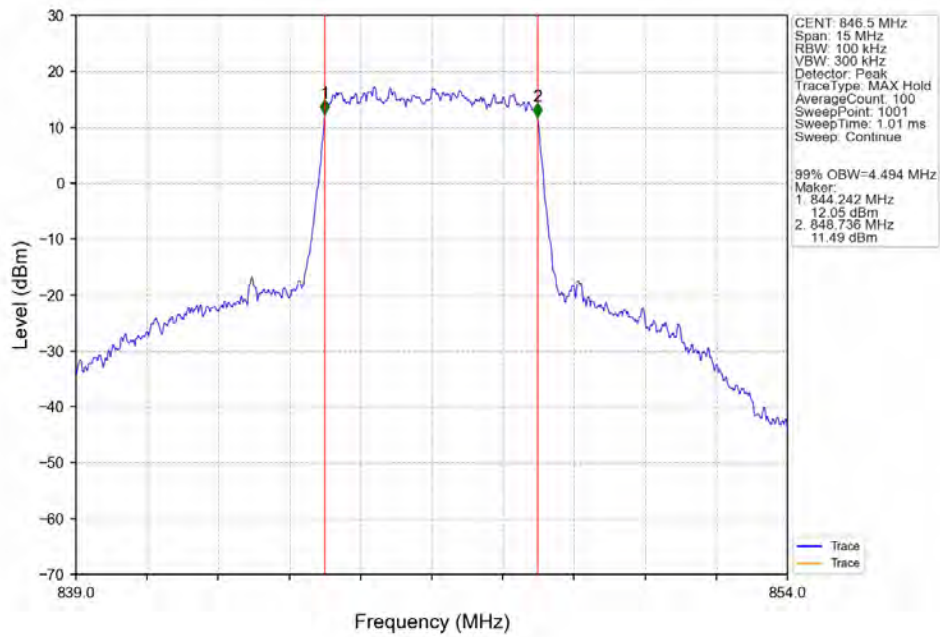
Band5 5MHz 64QAM LCH 826.5MHz RB 25 0 NTNV



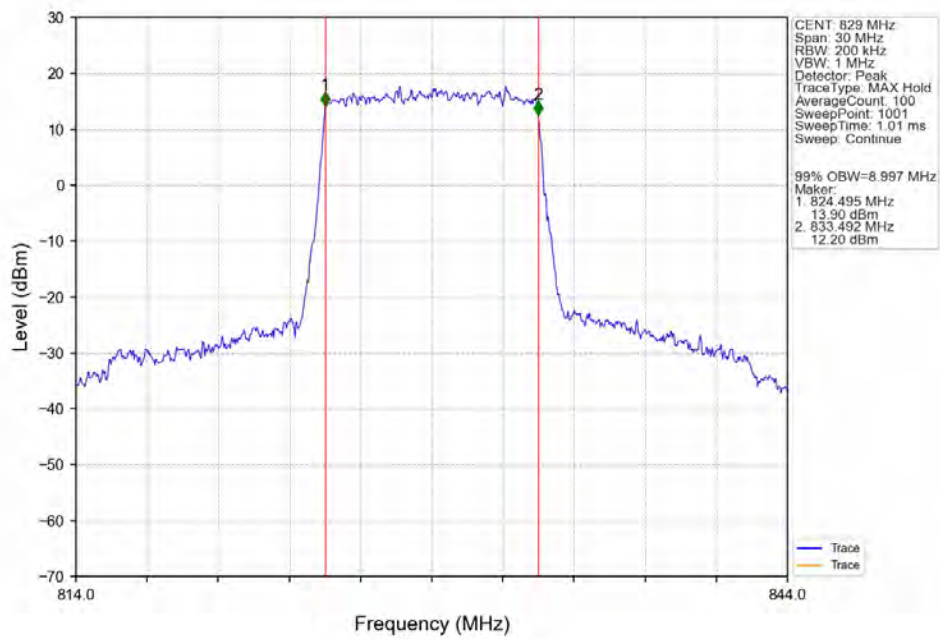
Band5 5MHz 64QAM MCH 836.5MHz RB 25 0 NTNV



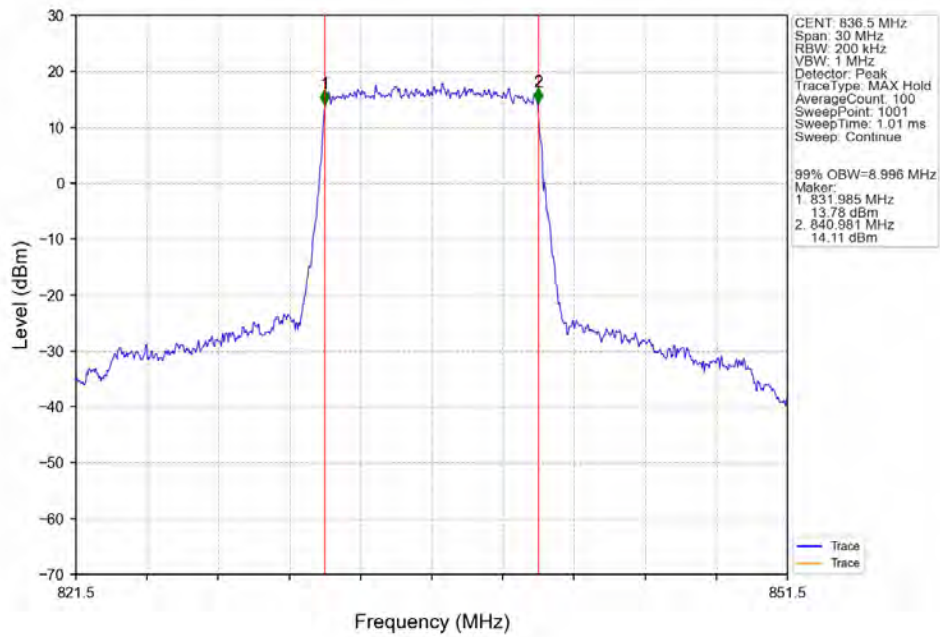
Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



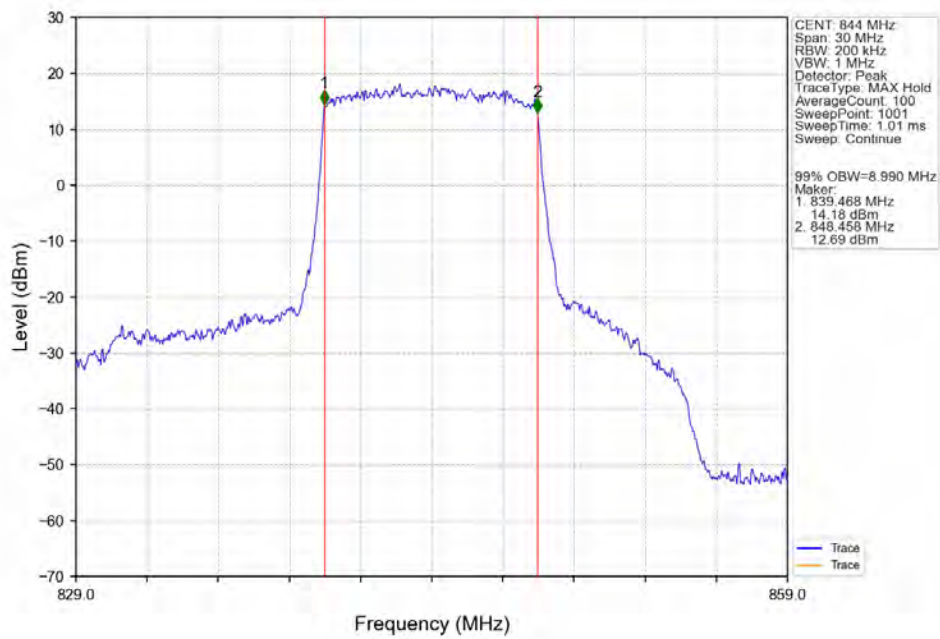
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



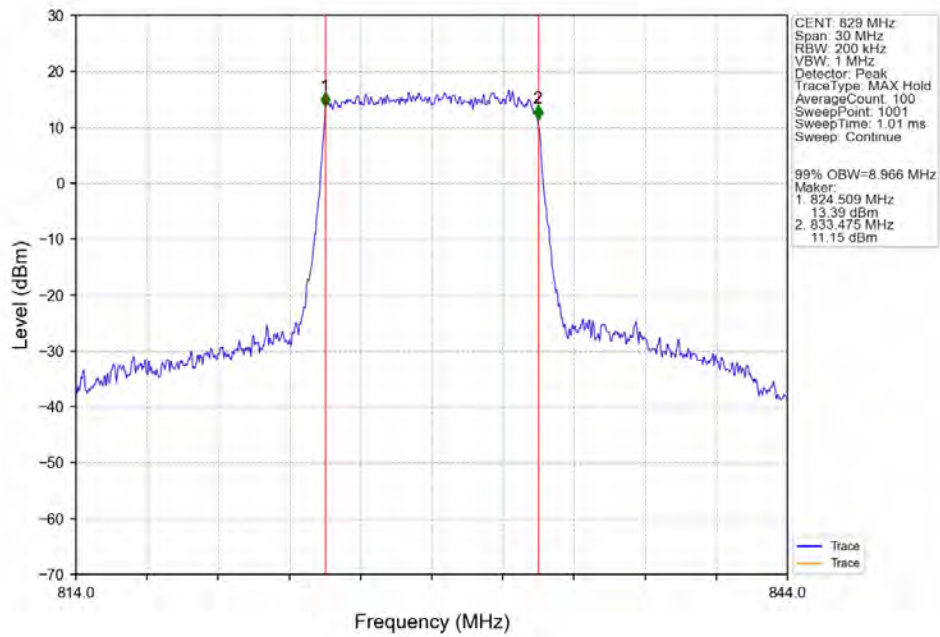
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



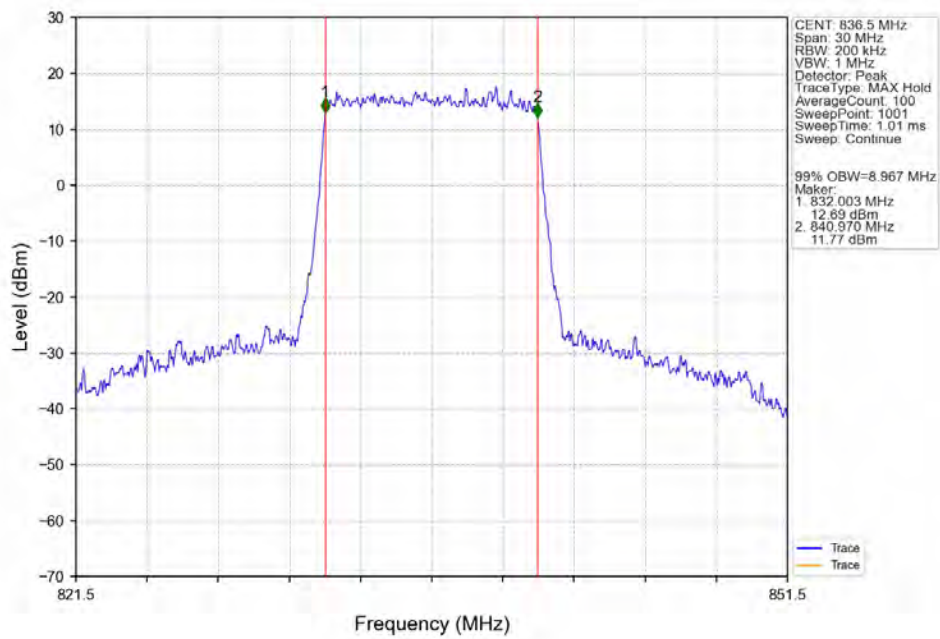
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



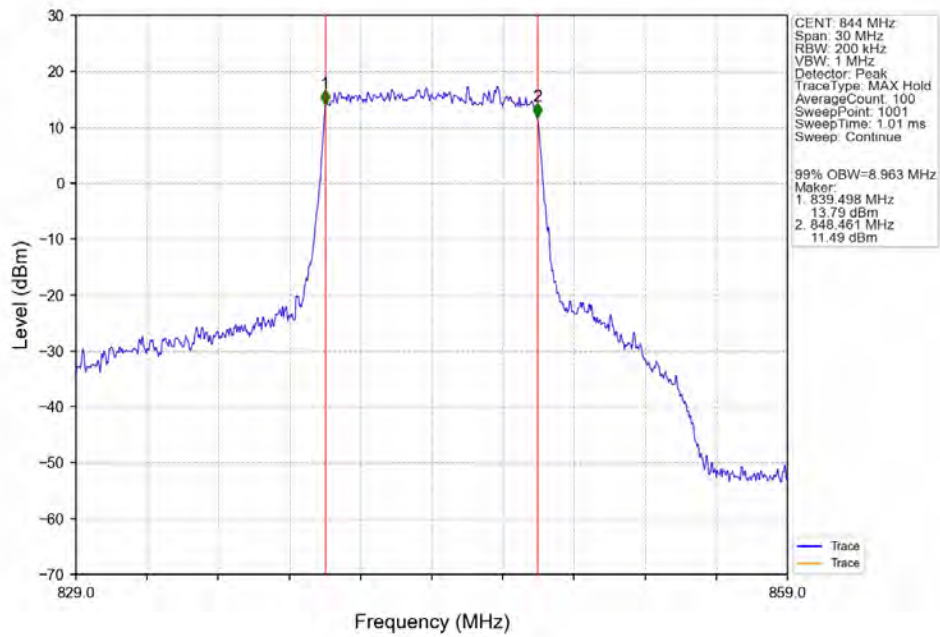
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



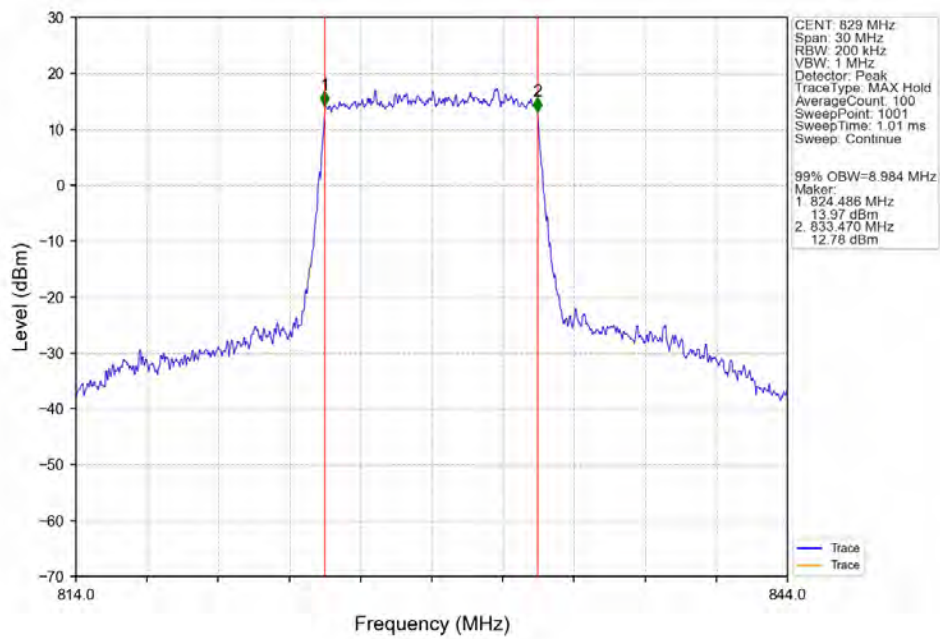
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



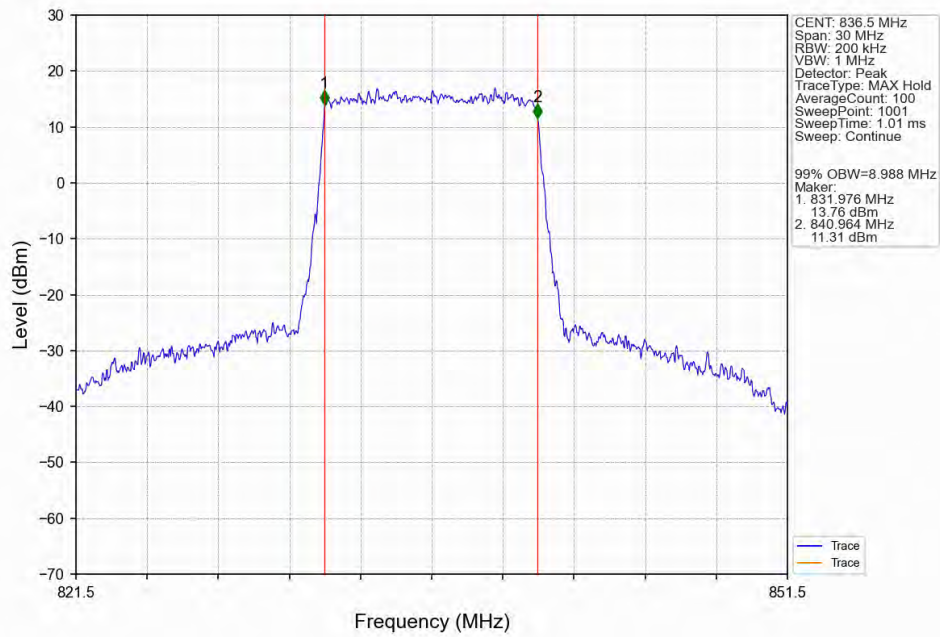
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



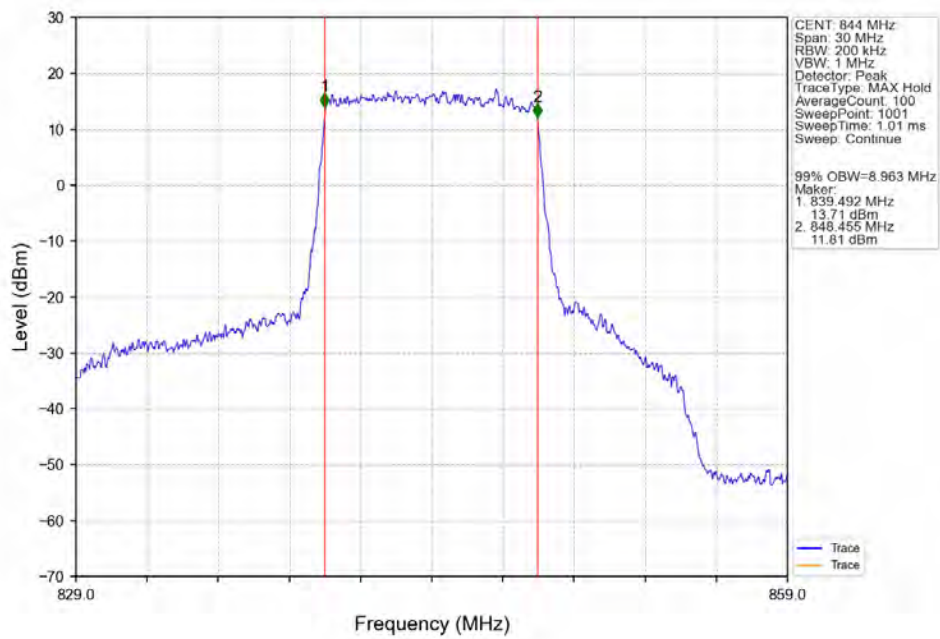
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV

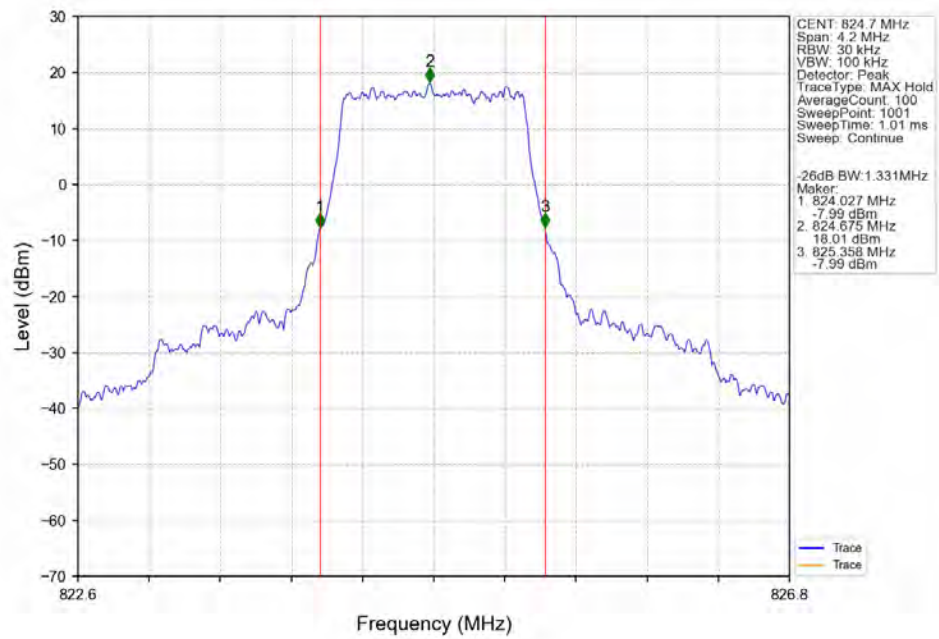


Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV

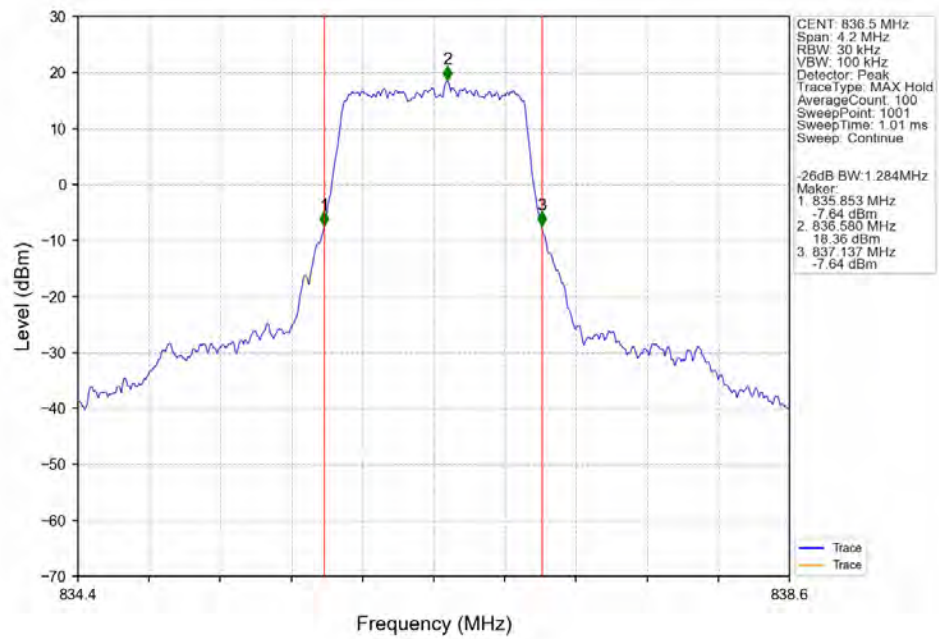


3.2.2 Band5_XDB

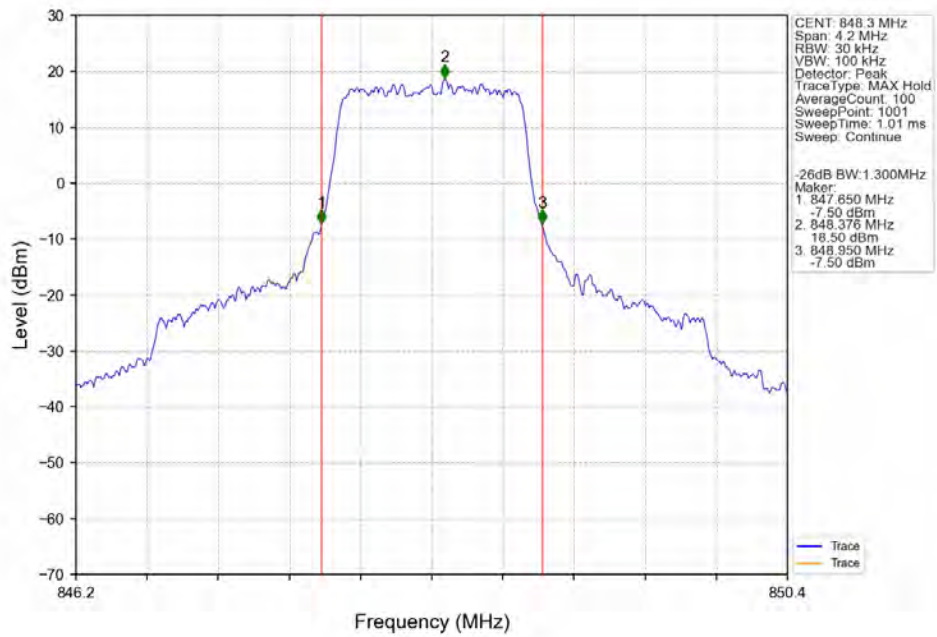
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



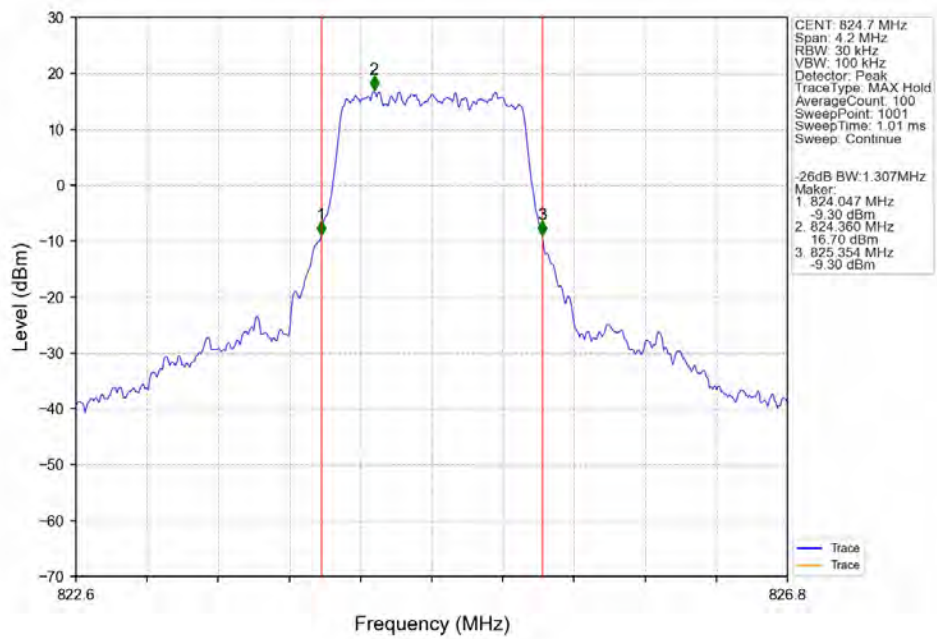
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



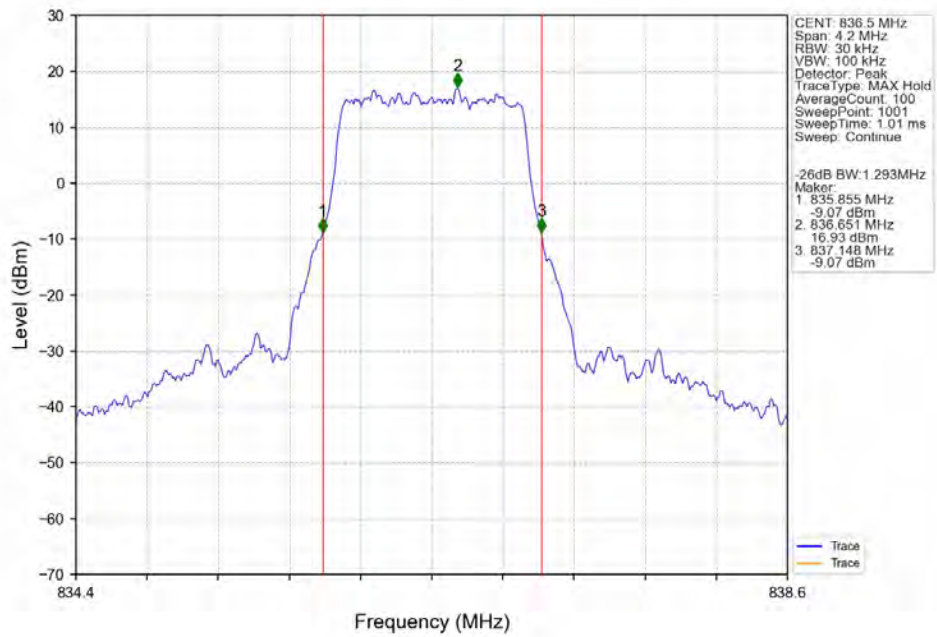
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



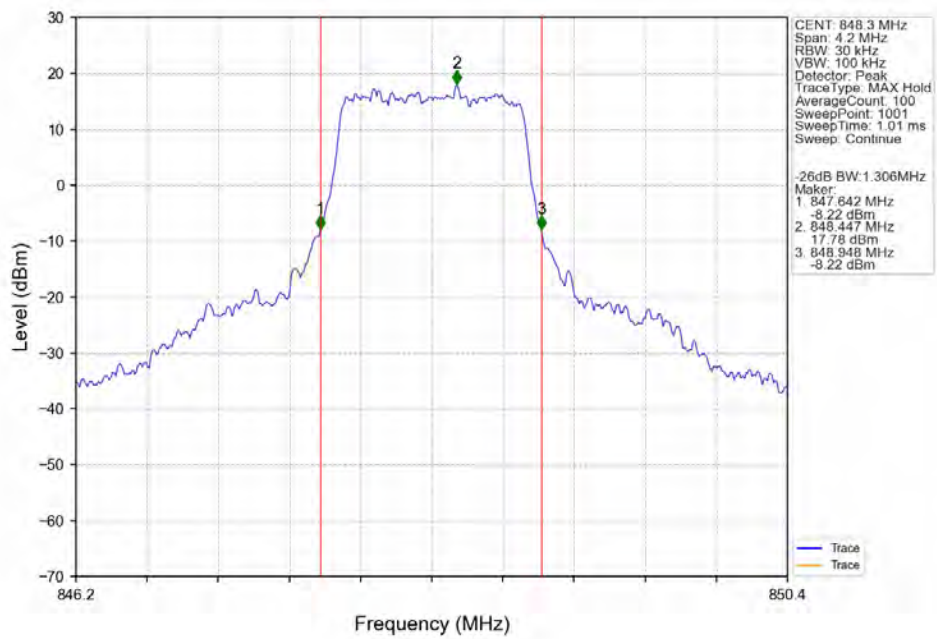
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



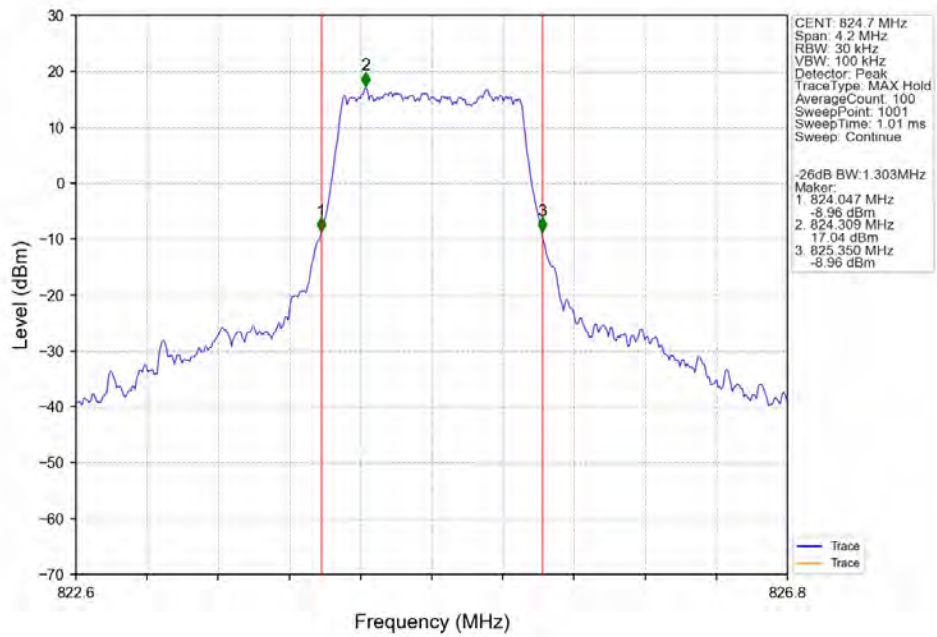
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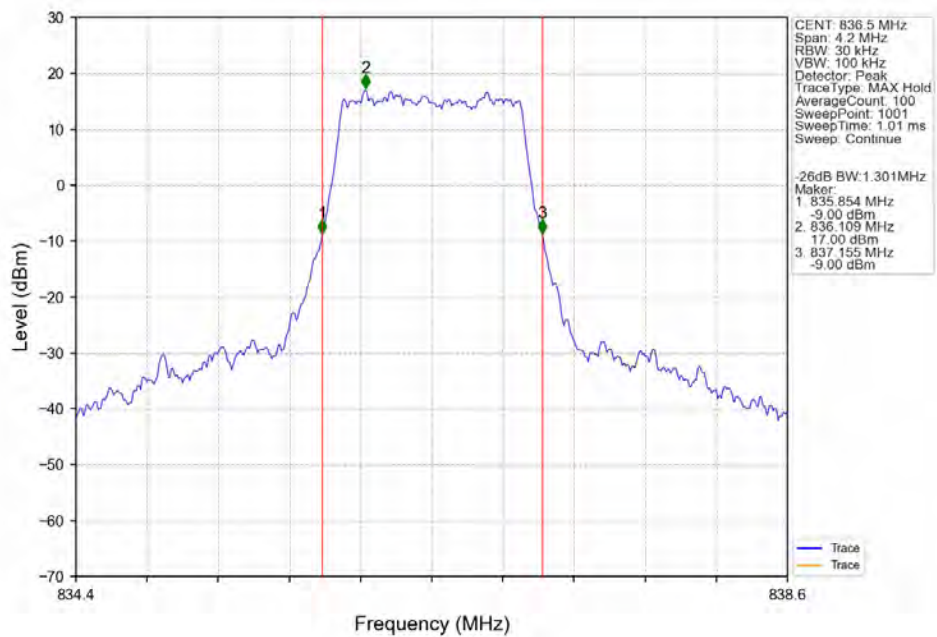
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



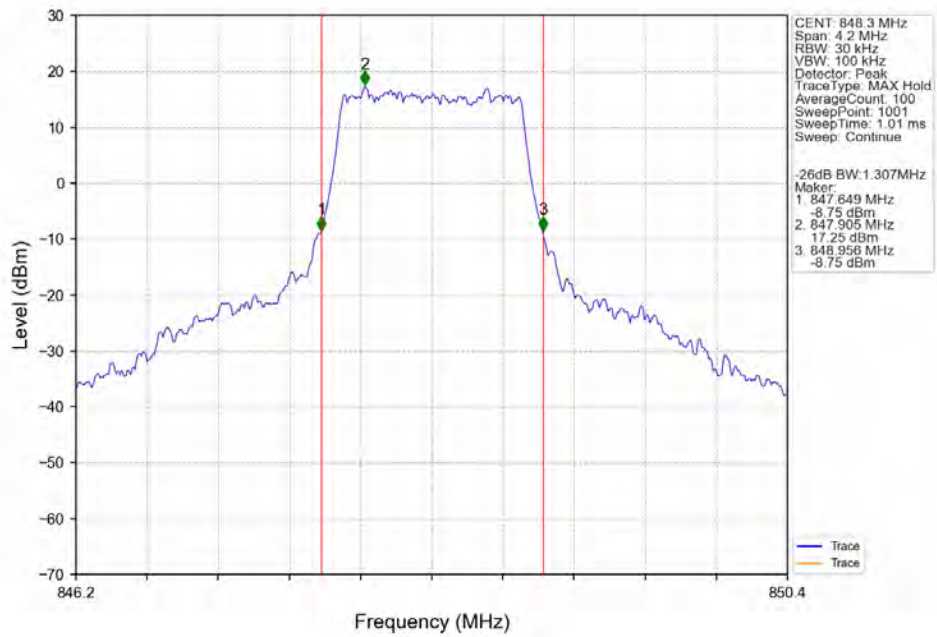
Band5 1.4MHz 64QAM LCH 824.7MHz RB 6 0 NTNV



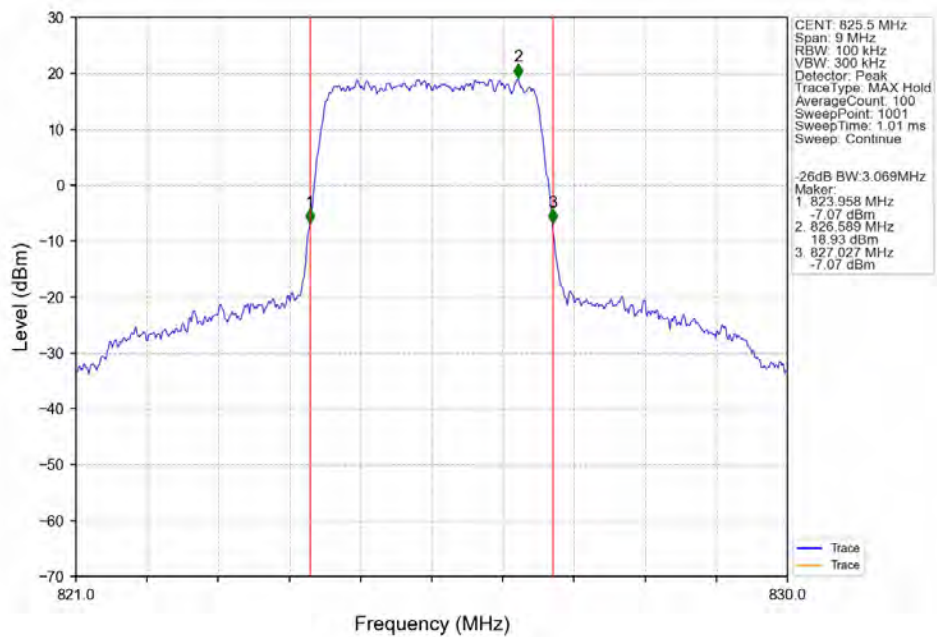
Band5 1.4MHz 64QAM MCH 836.5MHz RB 6 0 NTNV



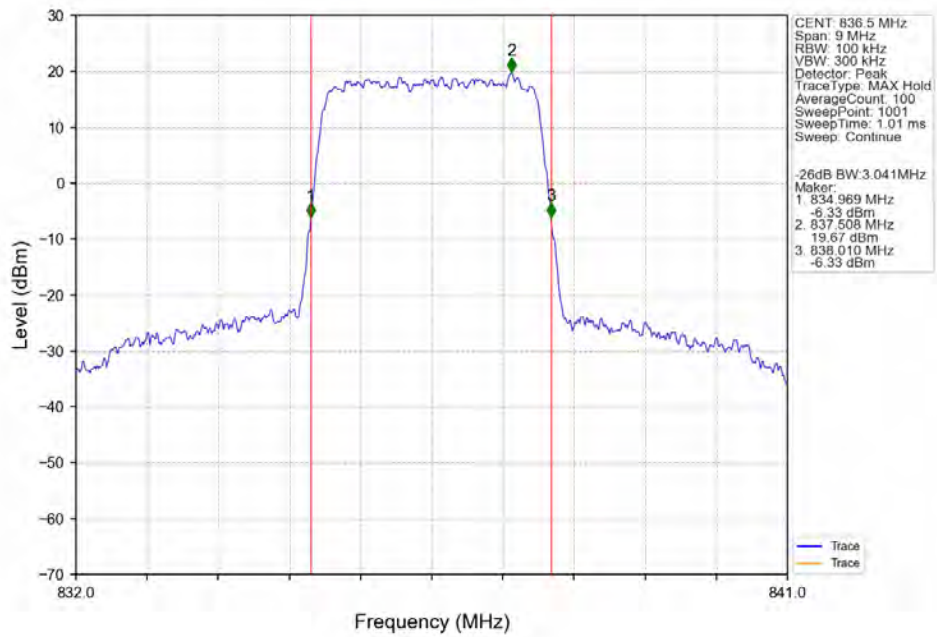
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



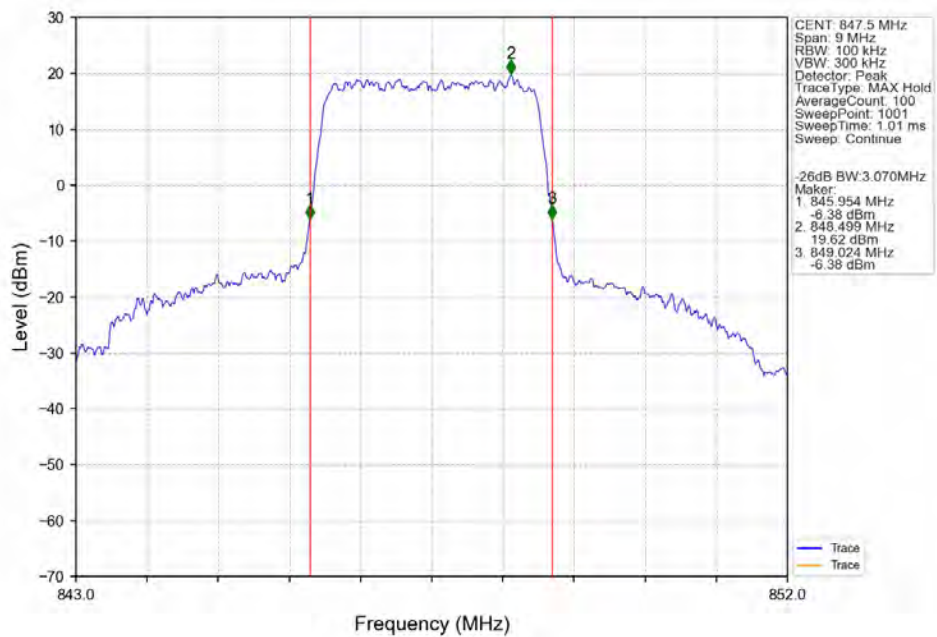
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



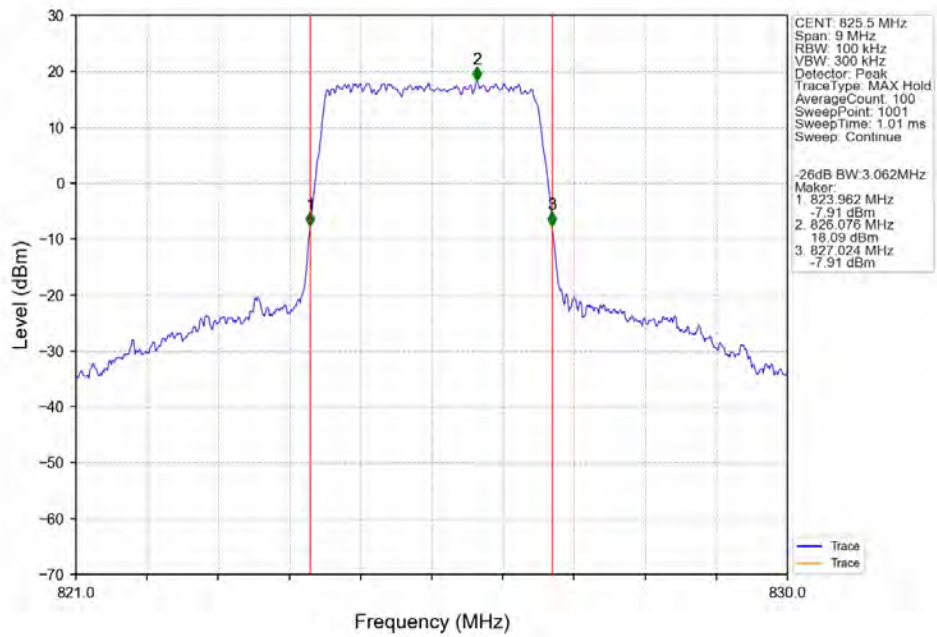
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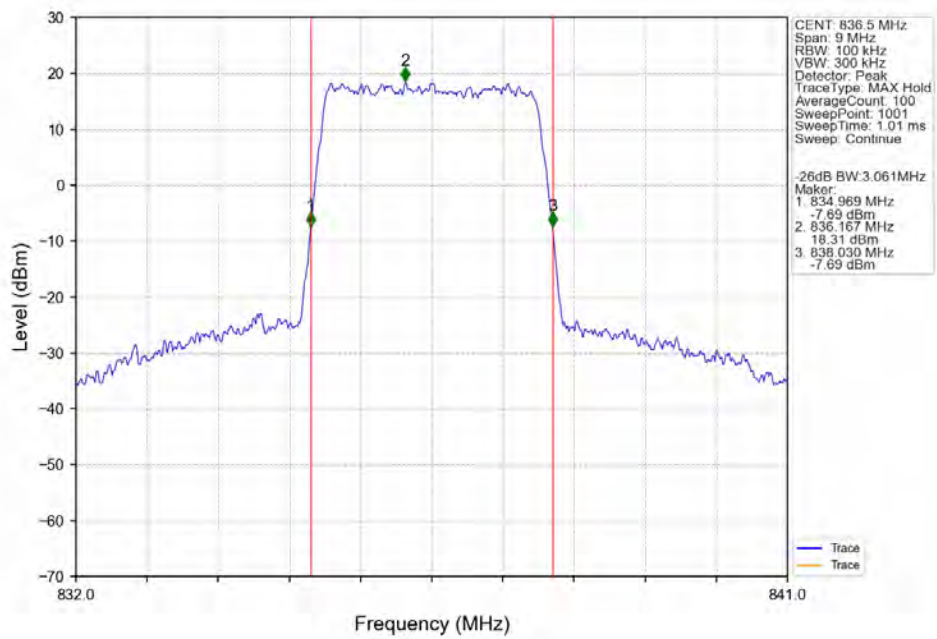
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



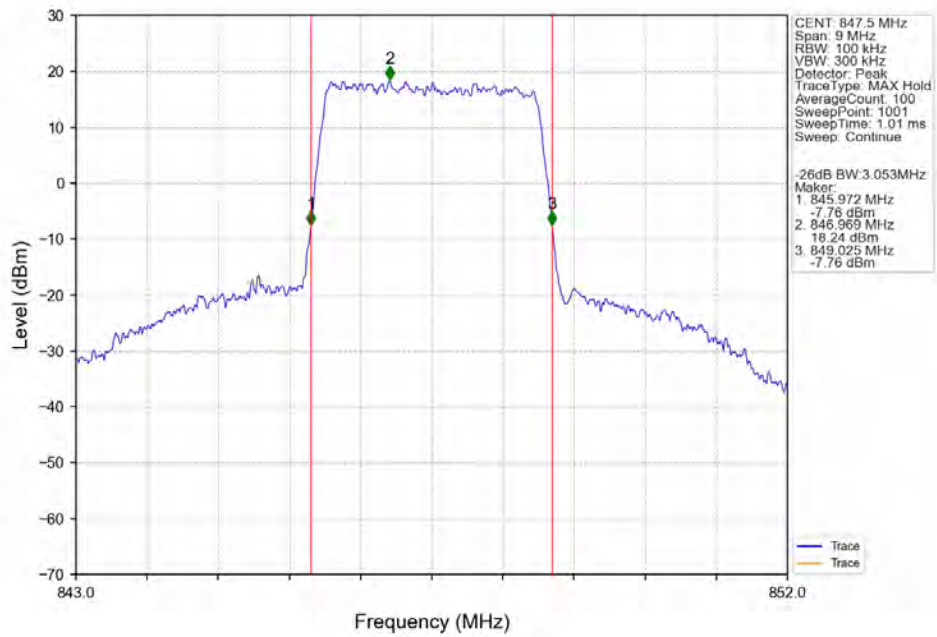
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTV



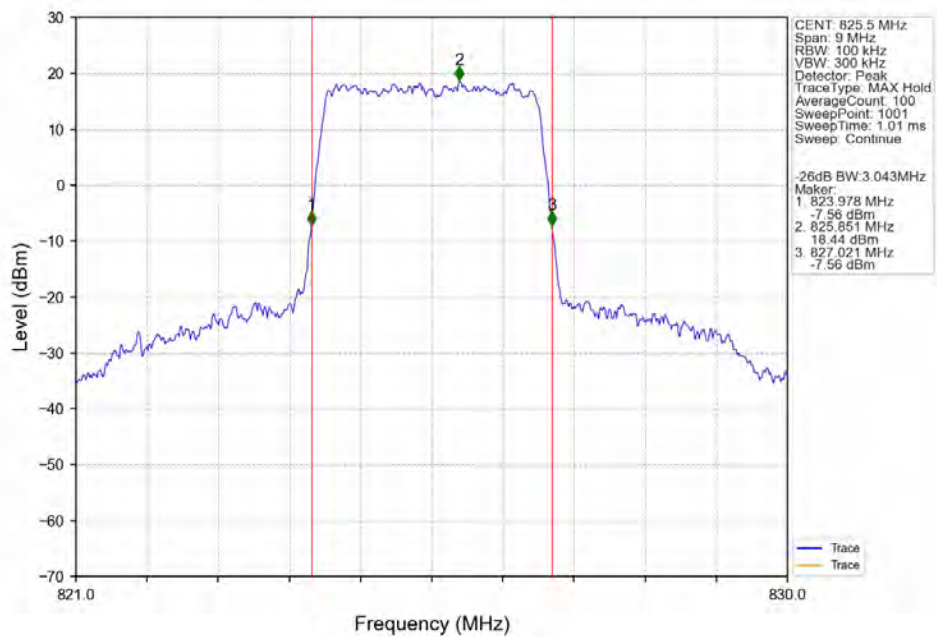
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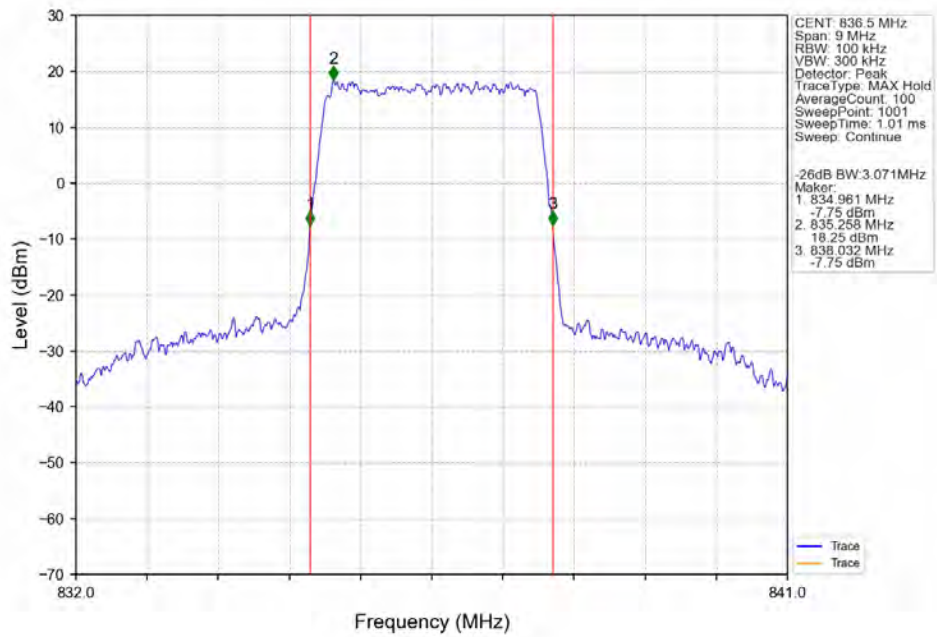
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



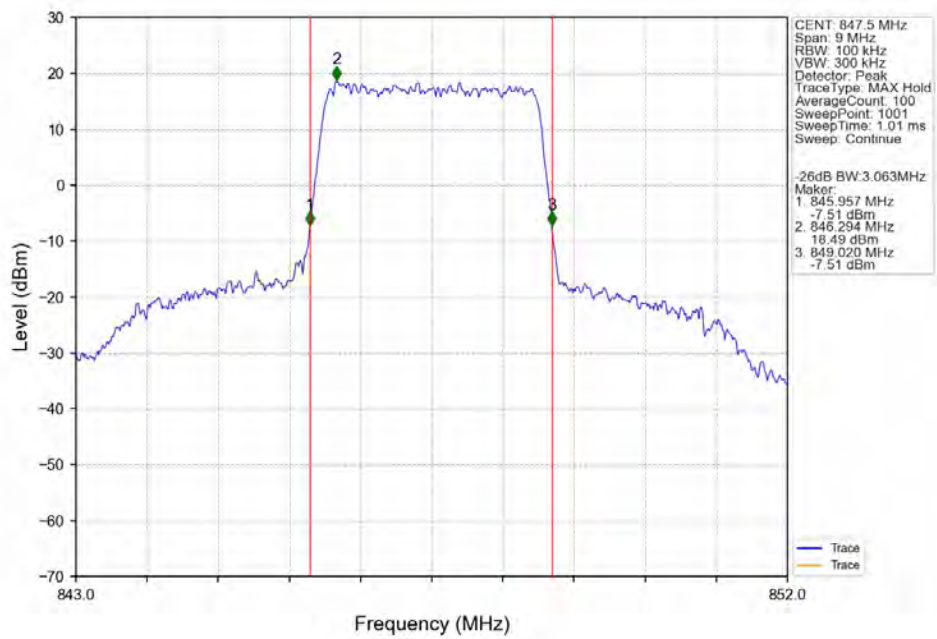
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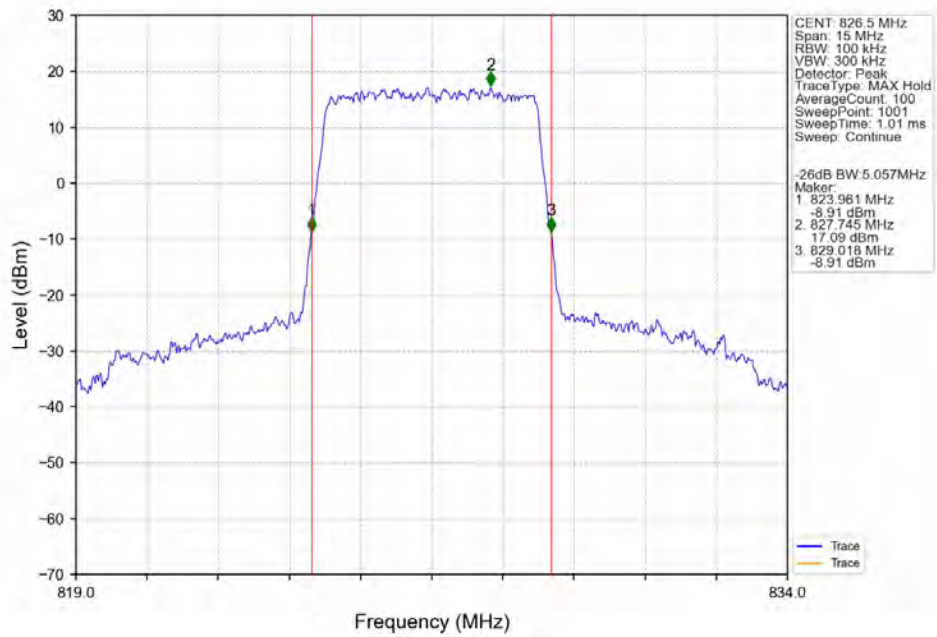
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



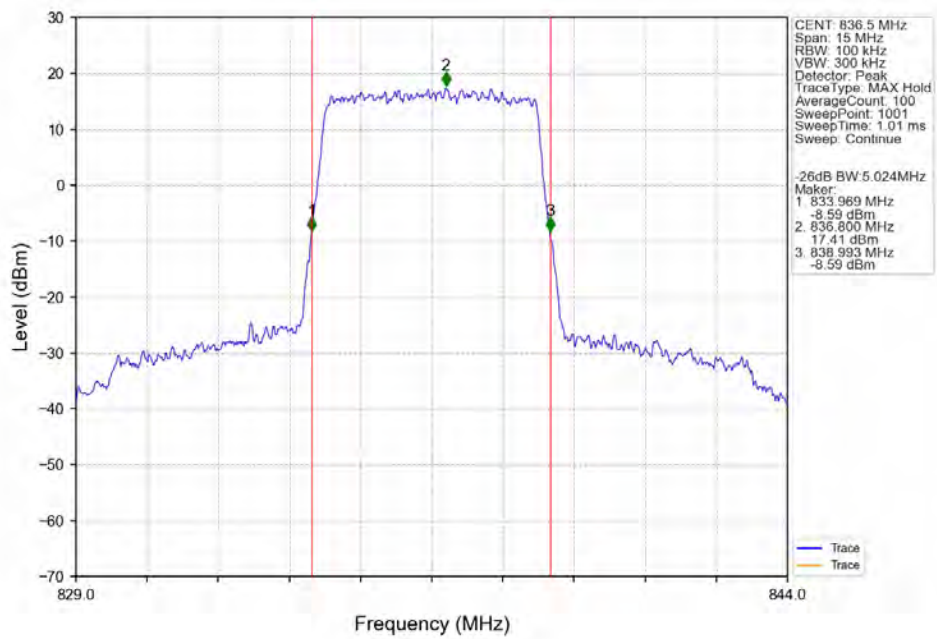
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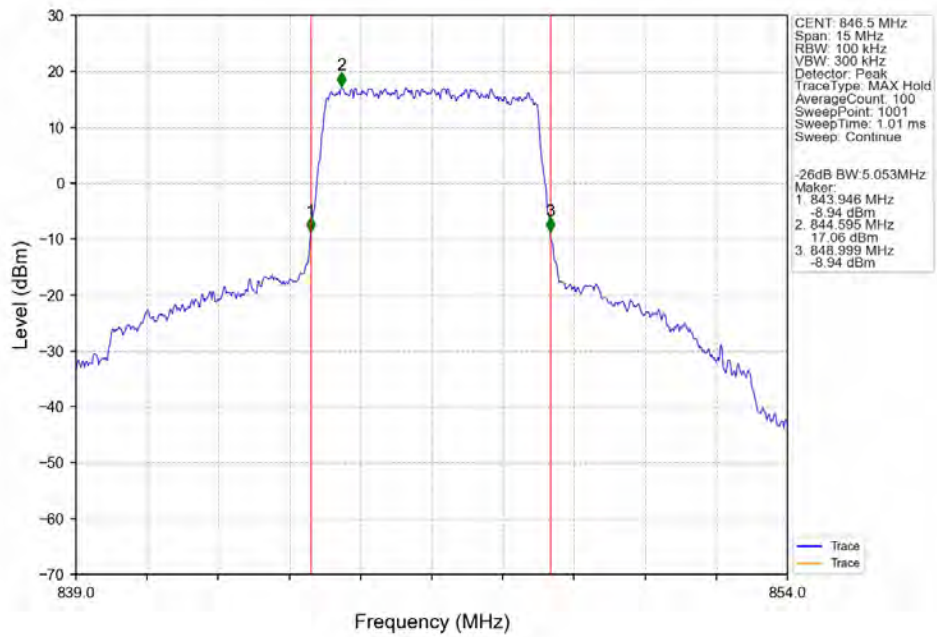
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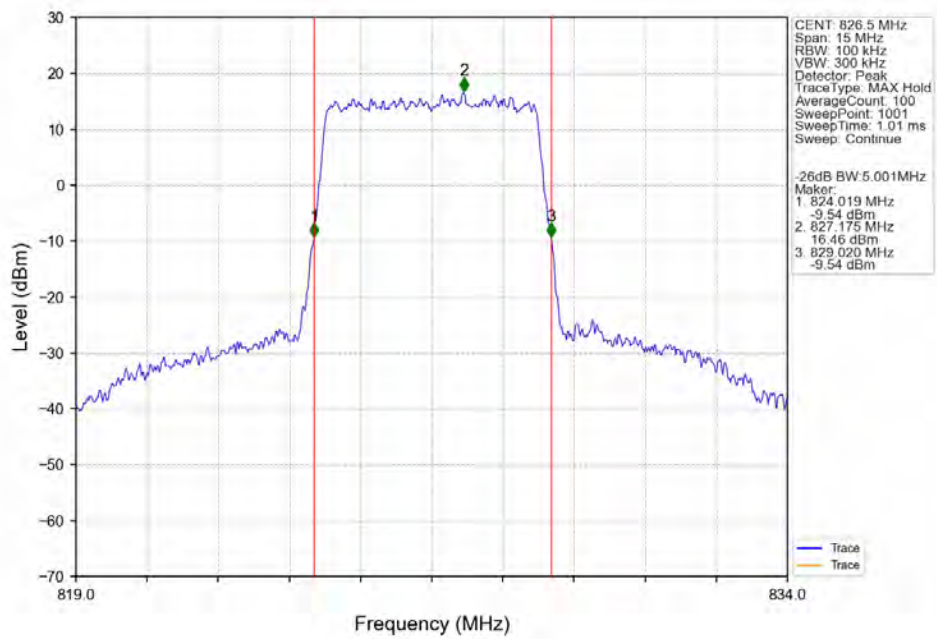
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



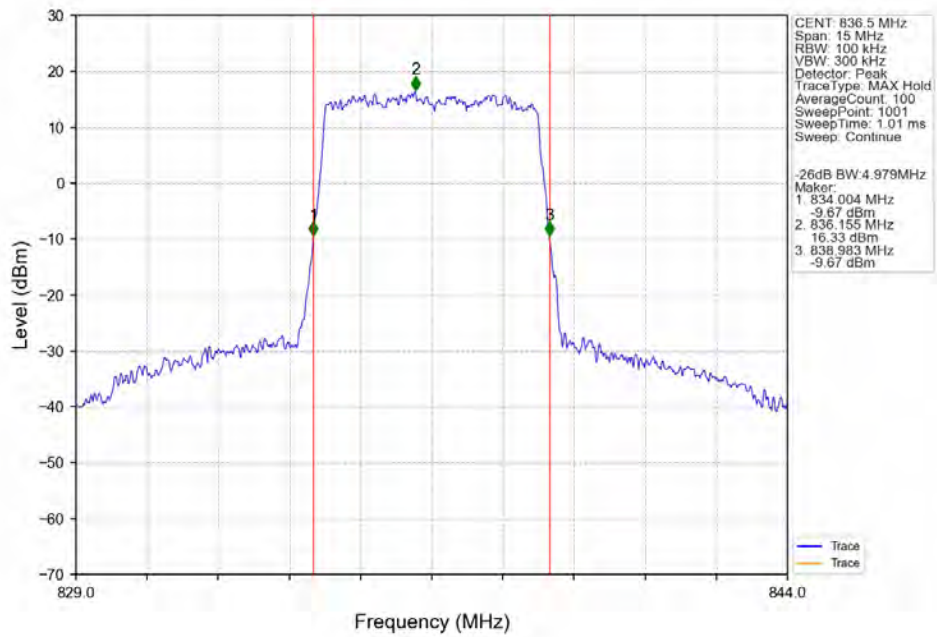
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



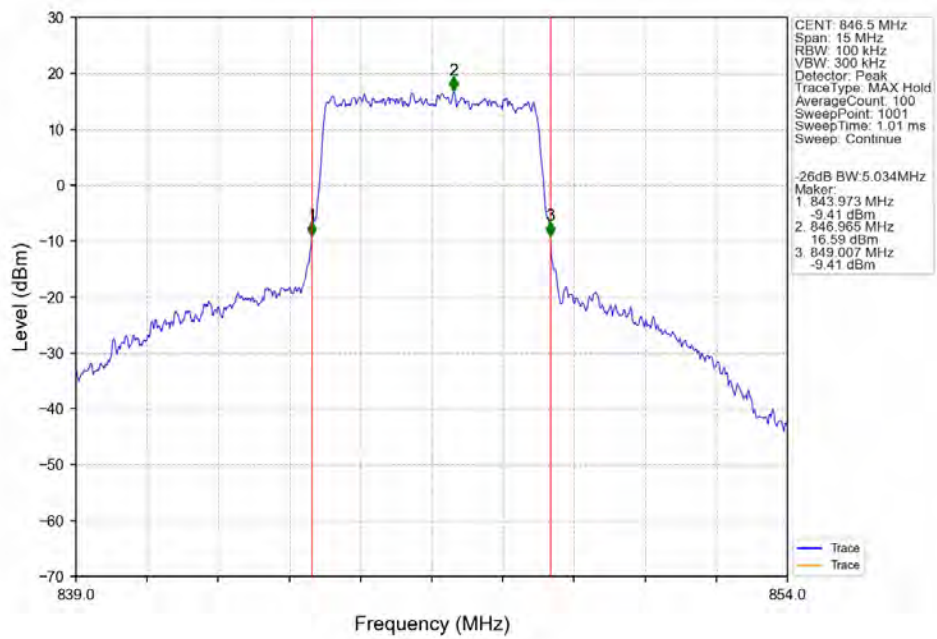
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



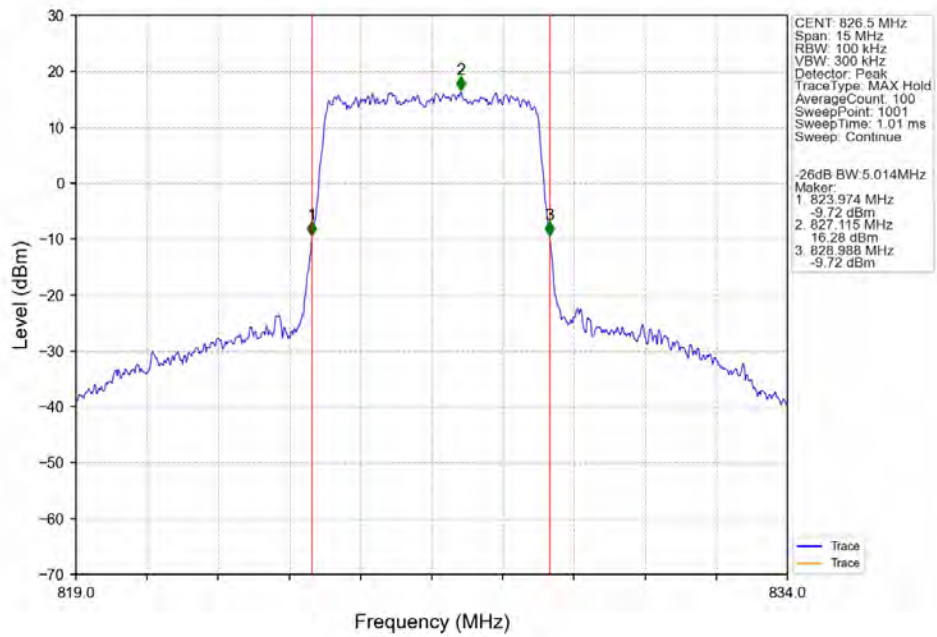
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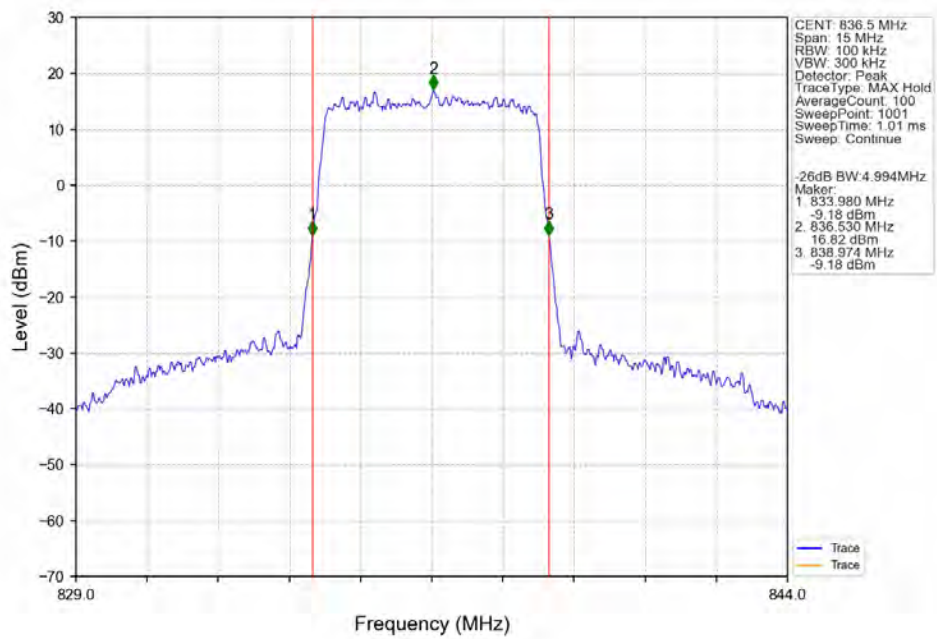
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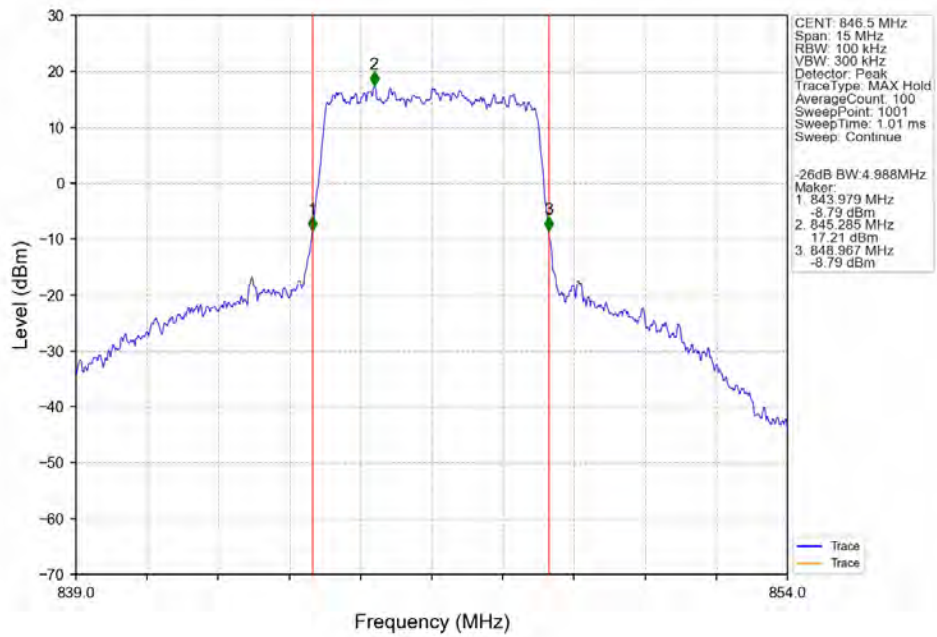
Band5 5MHz 64QAM LCH 826.5MHz RB 25 0 NTNV



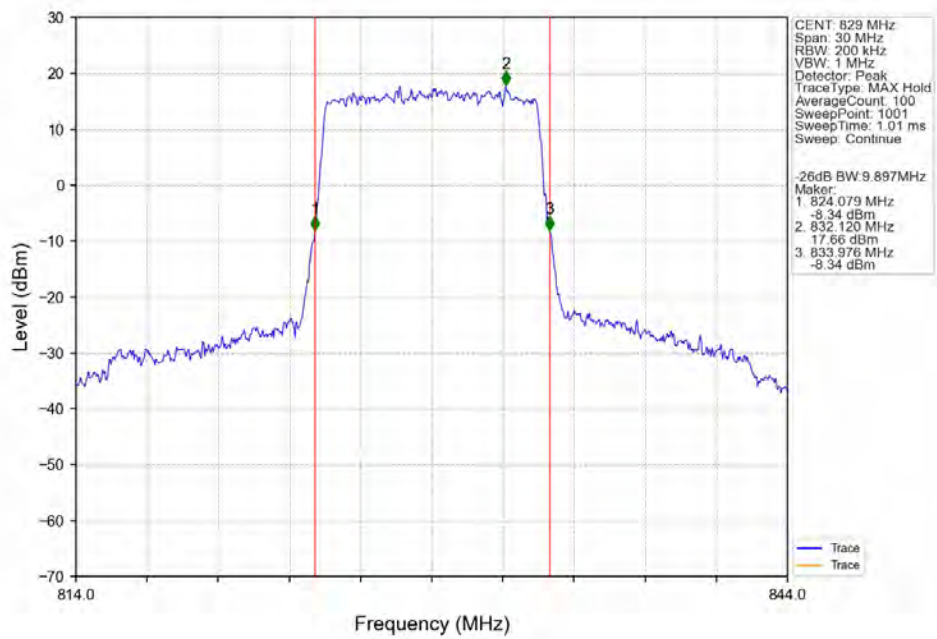
Band5 5MHz 64QAM MCH 836.5MHz RB 25 0 NTNV



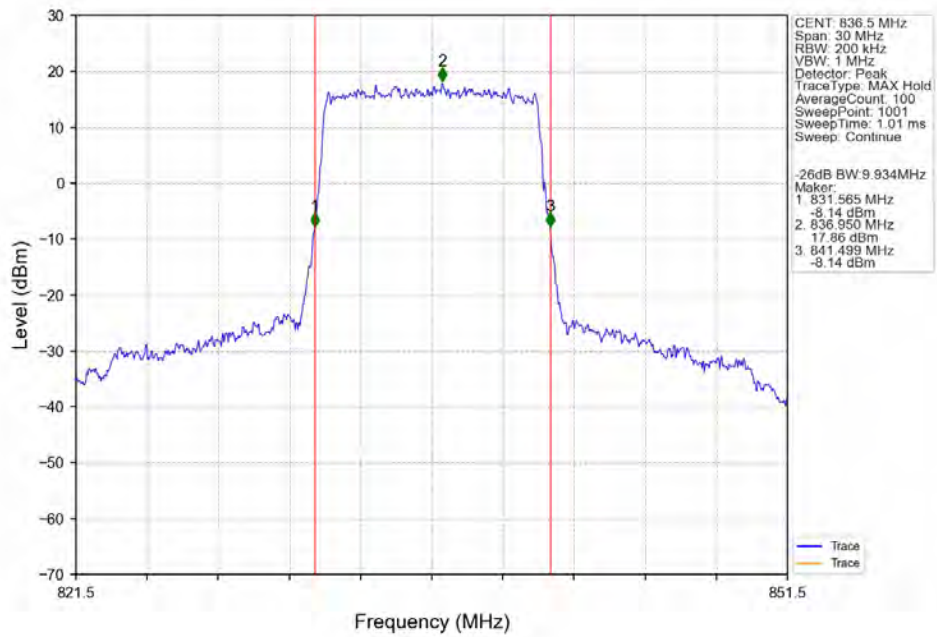
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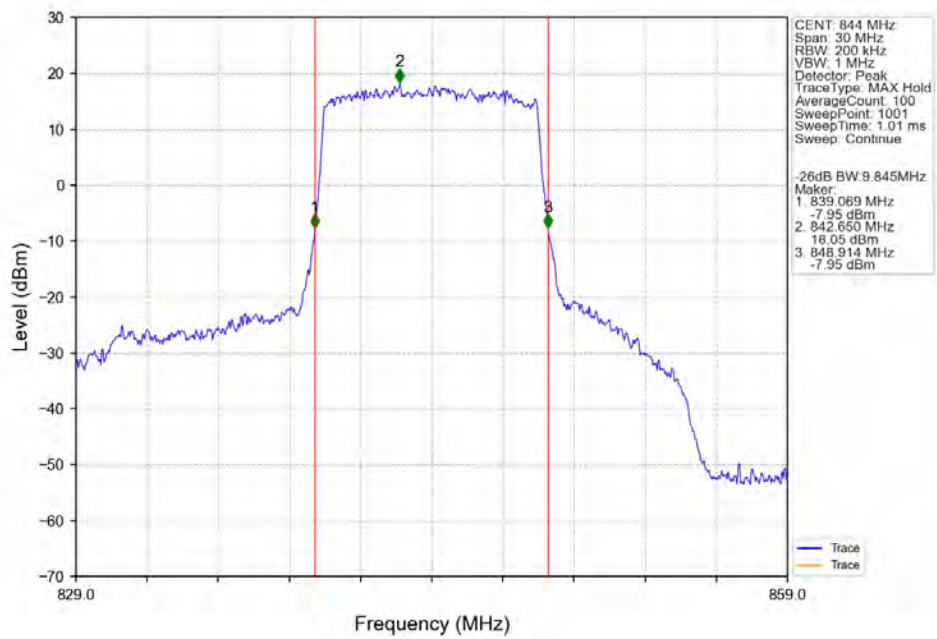
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



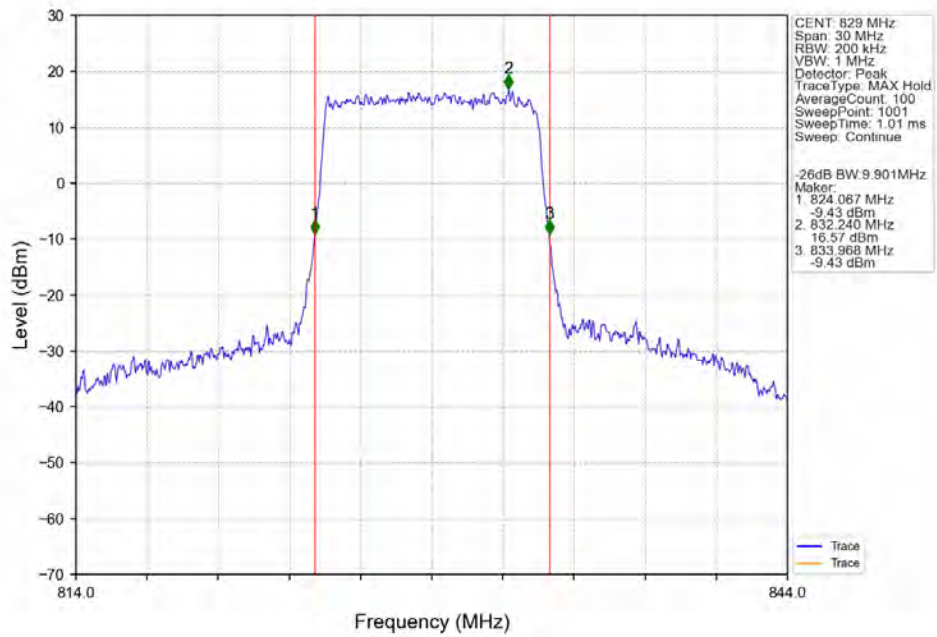
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



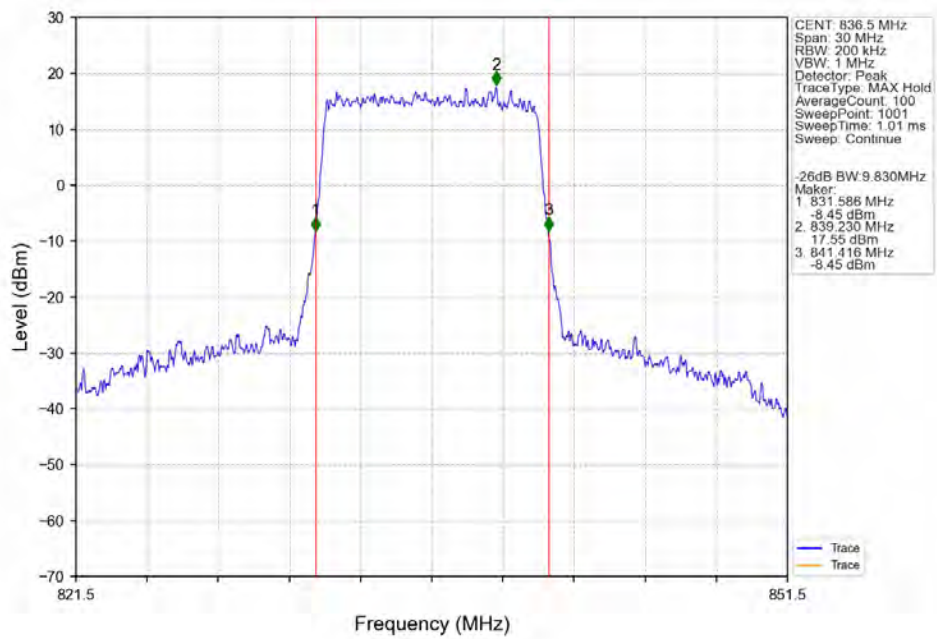
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



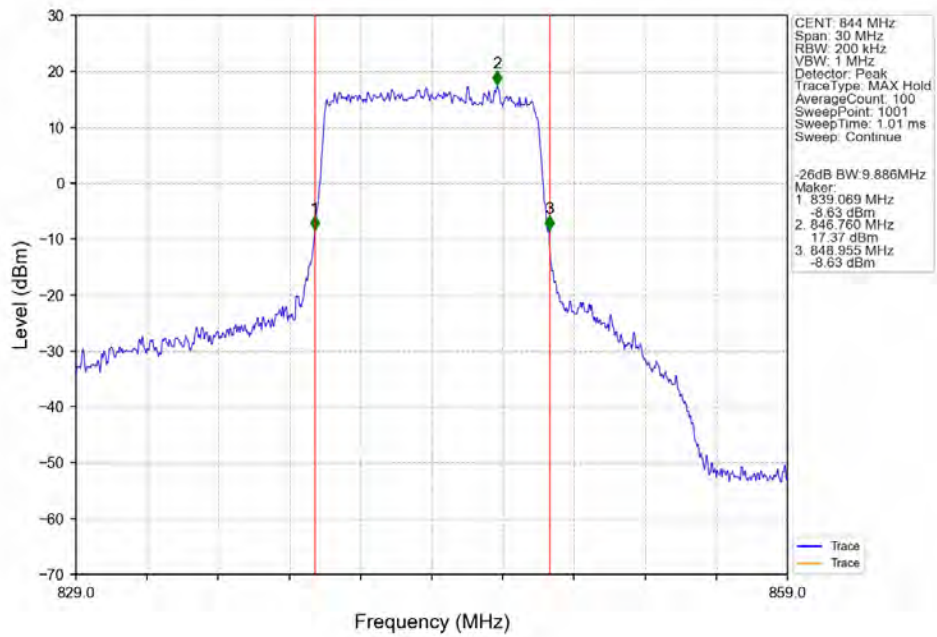
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



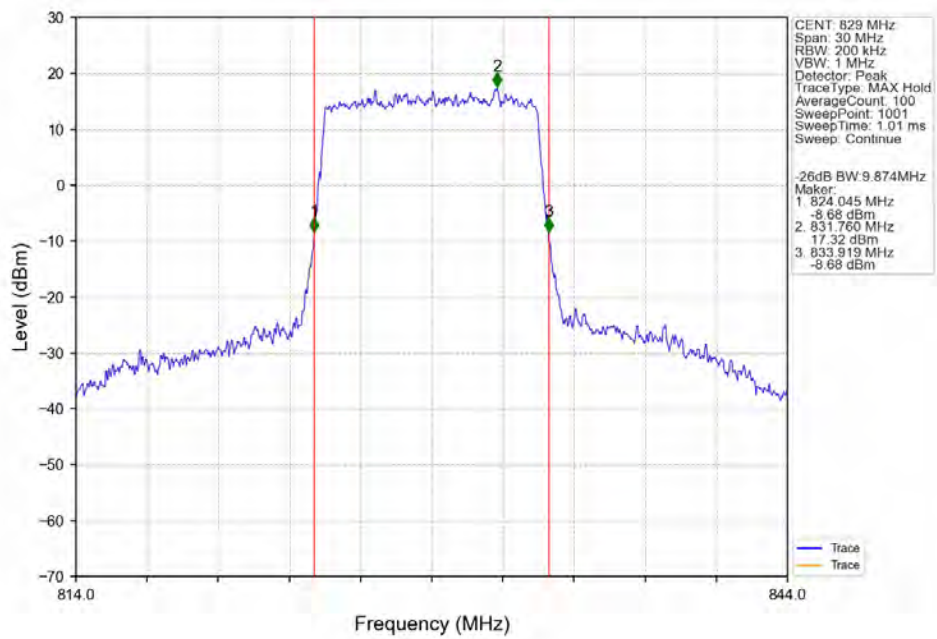
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



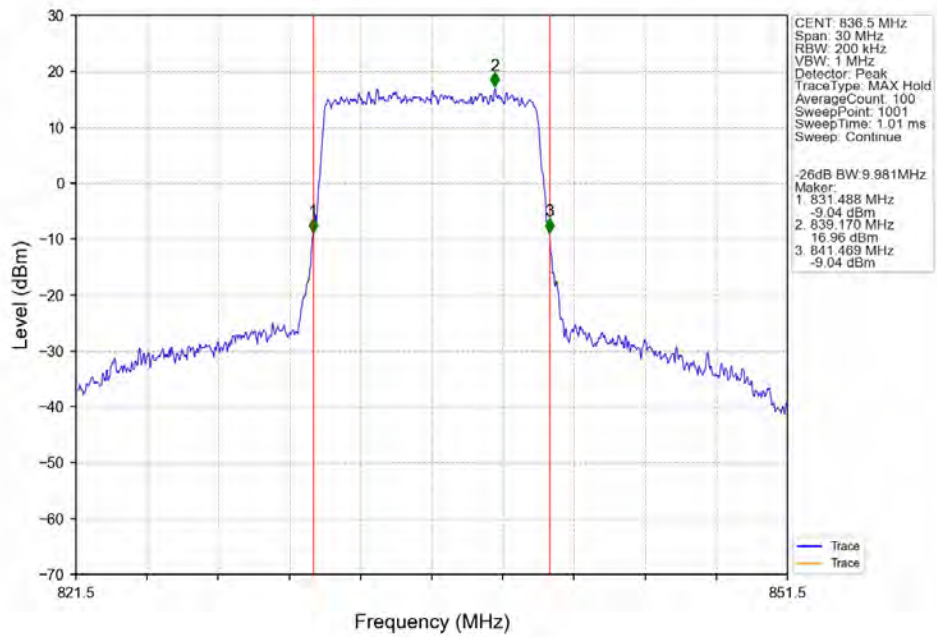
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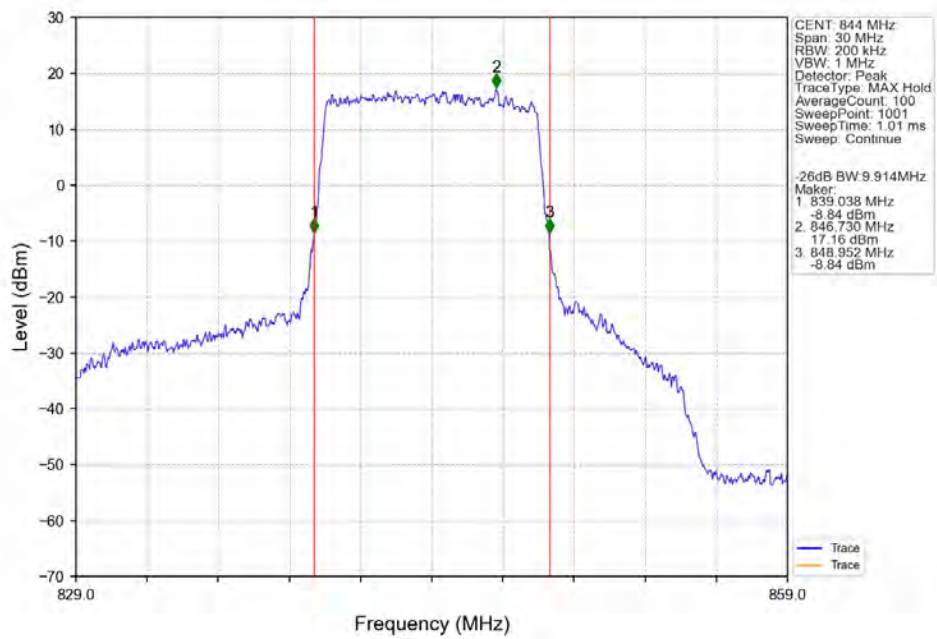
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



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	4.46	<=13	Pass
	836.5	6	0	4.68	<=13	Pass
	848.3	6	0	4.06	<=13	Pass
16QAM	824.7	6	0	5.30	<=13	Pass
	836.5	6	0	5.54	<=13	Pass
	848.3	6	0	4.98	<=13	Pass
64QAM	824.7	6	0	5.26	<=13	Pass
	836.5	6	0	5.42	<=13	Pass
	848.3	6	0	4.90	<=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	4.56	<=13	Pass
	836.5	15	0	4.80	<=13	Pass
	847.5	15	0	4.28	<=13	Pass
16QAM	825.5	15	0	5.52	<=13	Pass
	836.5	15	0	5.60	<=13	Pass
	847.5	15	0	5.06	<=13	Pass
64QAM	825.5	15	0	5.38	<=13	Pass
	836.5	15	0	5.52	<=13	Pass
	847.5	15	0	5.06	<=13	Pass

4.1.3 B5_5MHz

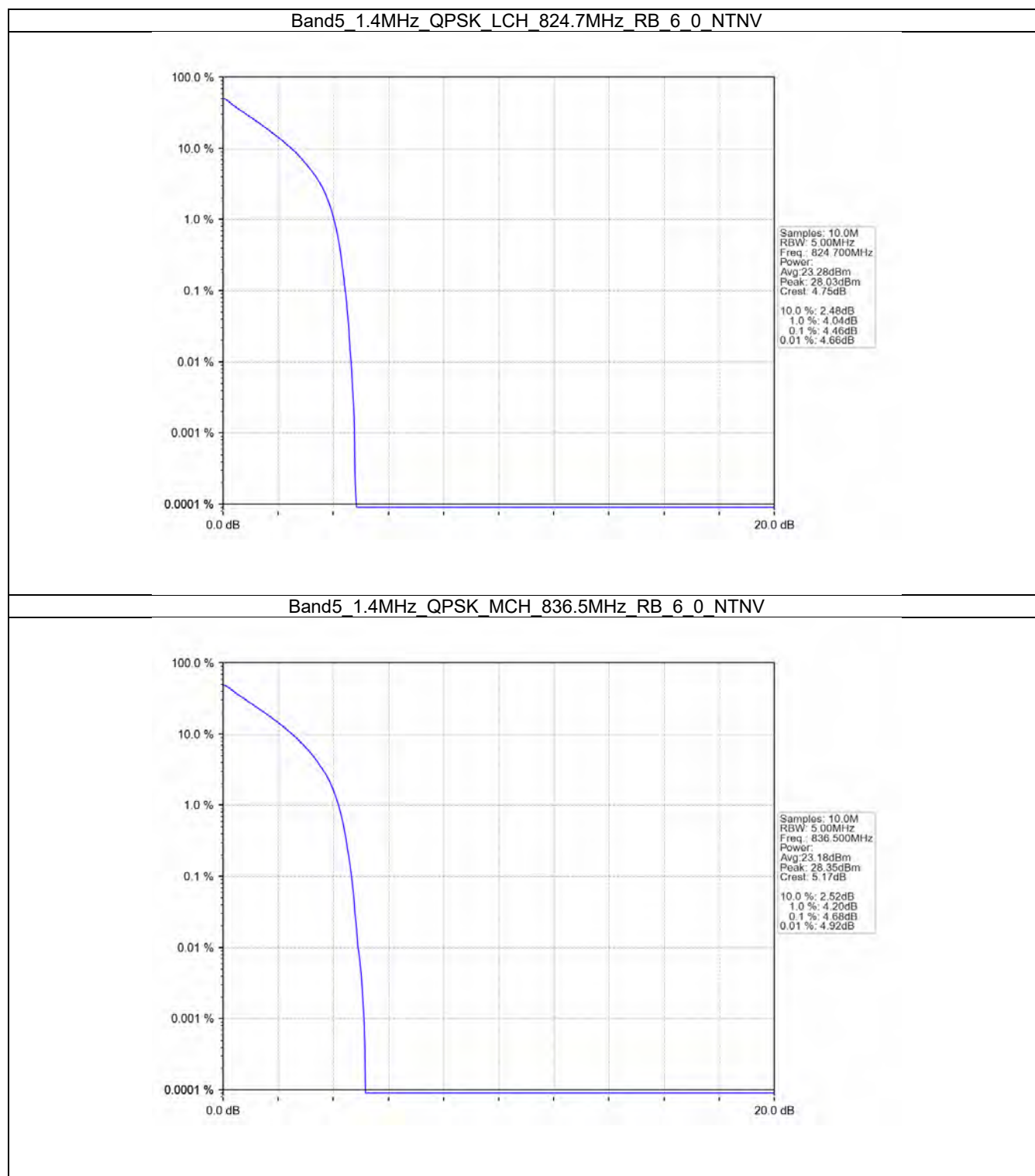
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	4.66	<=13	Pass
	836.5	25	0	4.86	<=13	Pass
	846.5	25	0	4.48	<=13	Pass
16QAM	826.5	25	0	5.42	<=13	Pass
	836.5	25	0	5.64	<=13	Pass
	846.5	25	0	5.28	<=13	Pass
64QAM	826.5	25	0	5.42	<=13	Pass
	836.5	25	0	5.62	<=13	Pass
	846.5	25	0	5.24	<=13	Pass

4.1.4 B5_10MHz

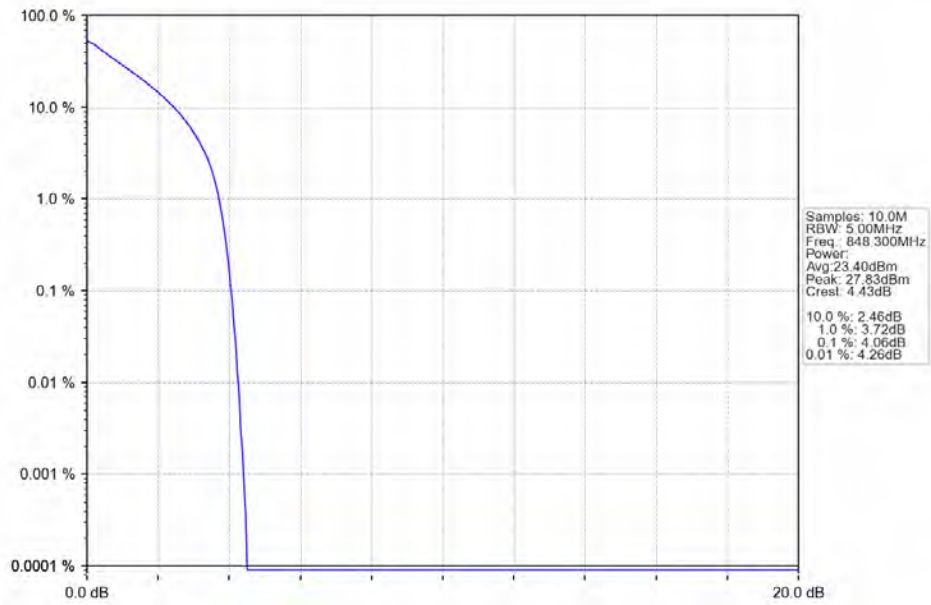
Band: 5 / Bandwidth: 10MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	4.94	<=13	Pass
	836.5	50	0	5.06	<=13	Pass
	844	50	0	4.68	<=13	Pass
16QAM	829	50	0	5.60	<=13	Pass
	836.5	50	0	5.62	<=13	Pass
	844	50	0	5.42	<=13	Pass
64QAM	829	50	0	5.58	<=13	Pass
	836.5	50	0	5.58	<=13	Pass
	844	50	0	5.46	<=13	Pass

4.2 Test Graph

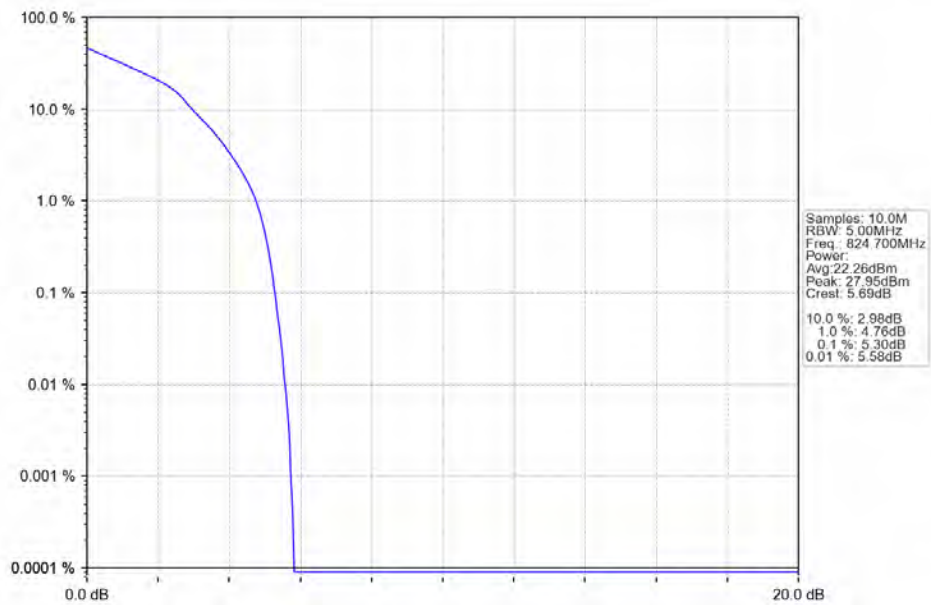
4.2.1 B5_1.4MHz



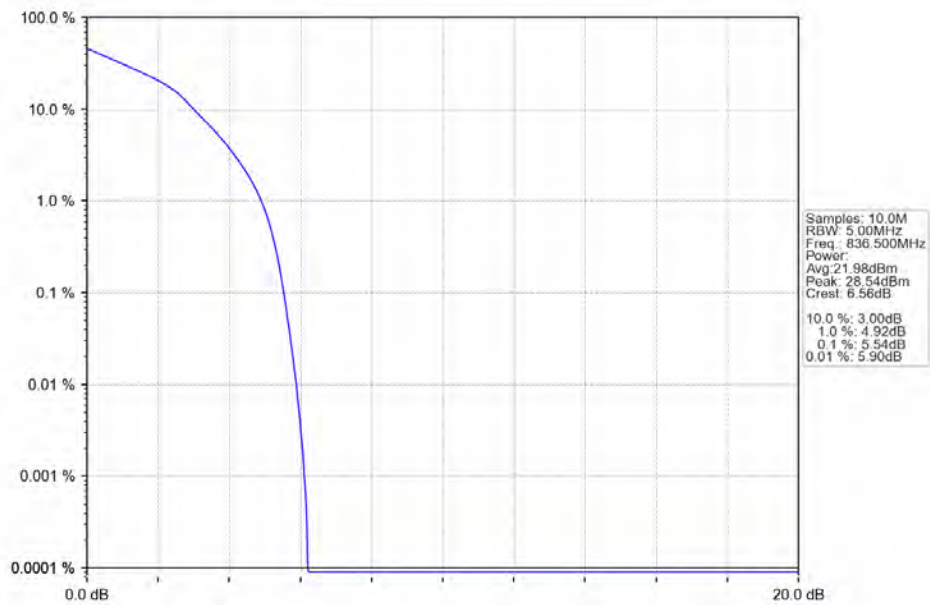
Band5 1.4MHz QPSK HCH 848.3MHz RB 6.0 NTNV



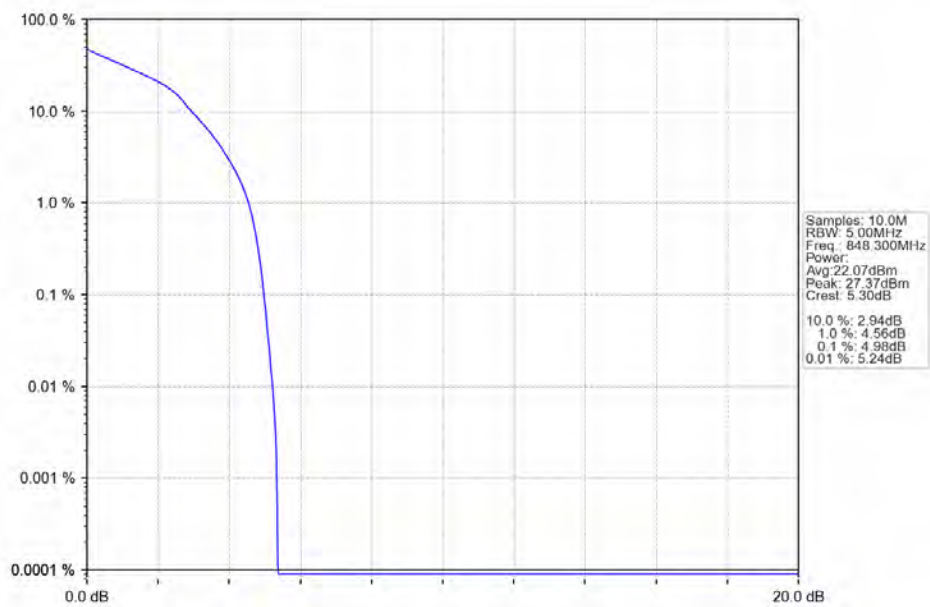
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6.0 NTNV



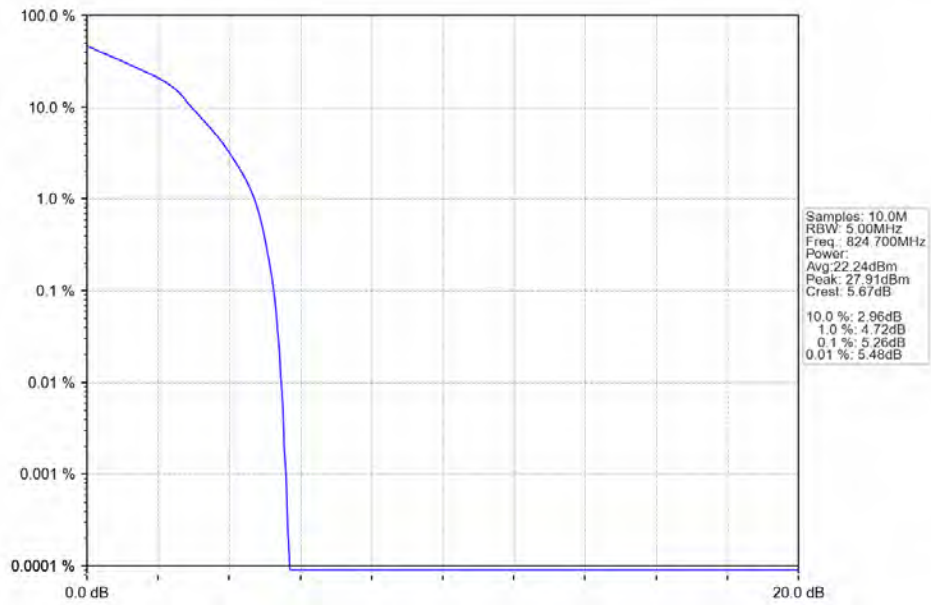
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



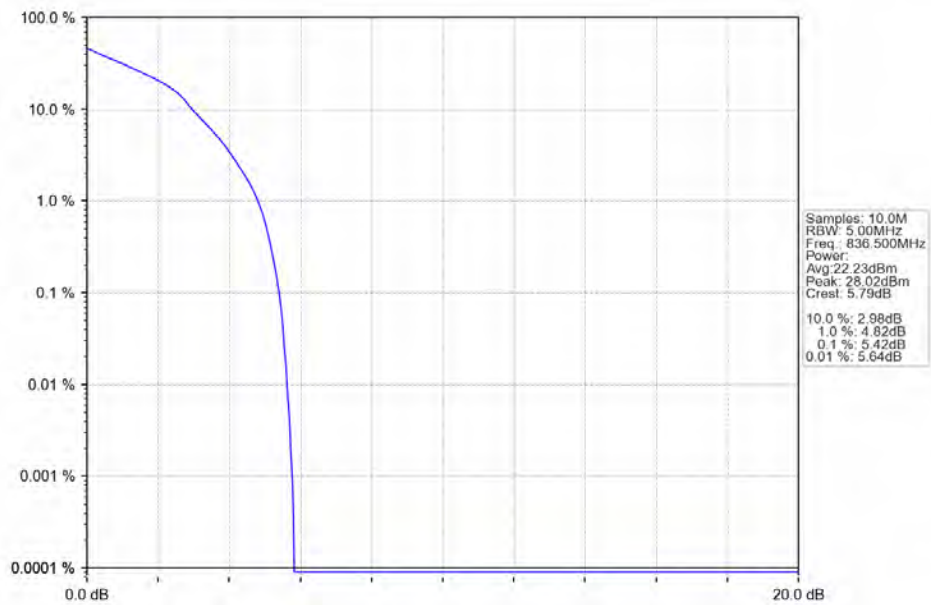
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



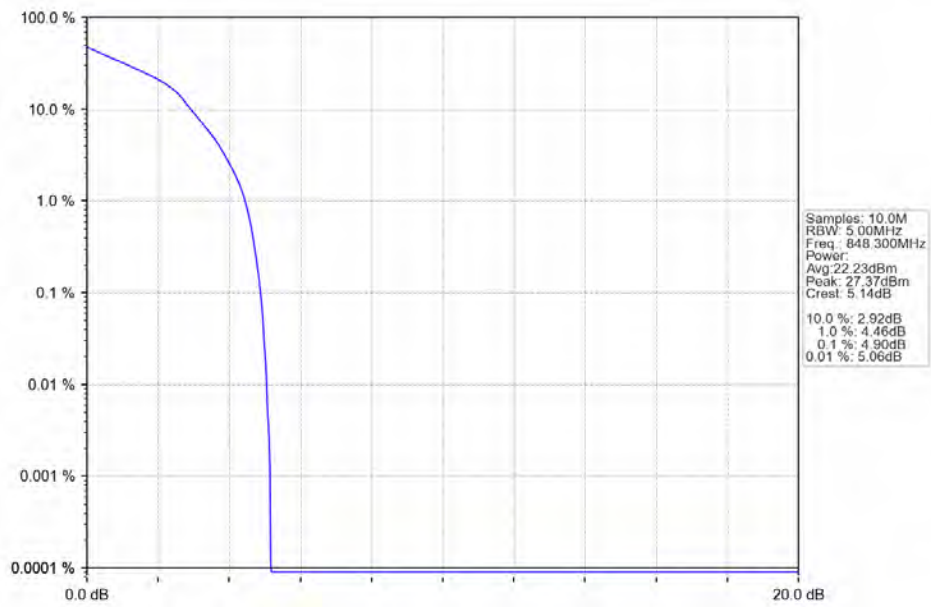
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV

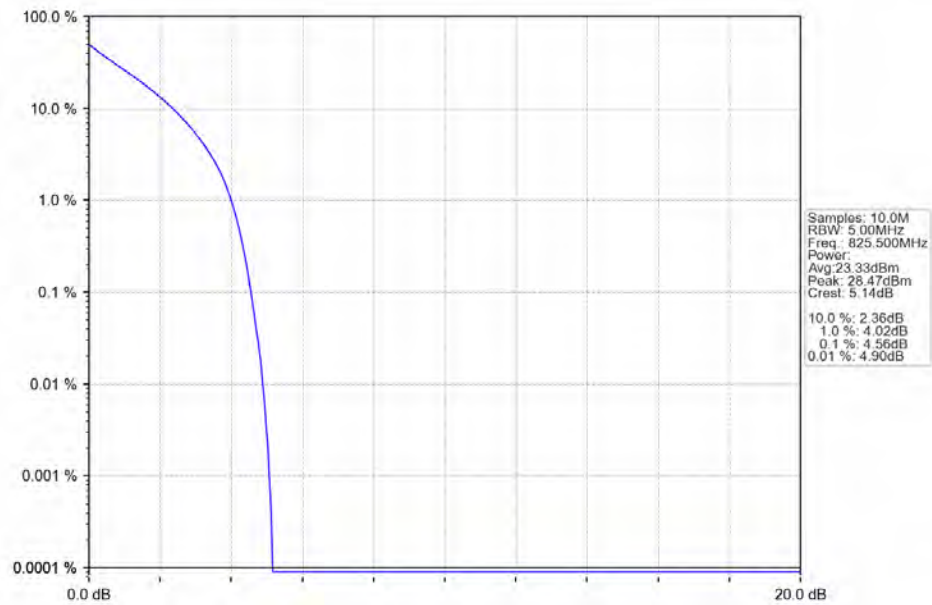


Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV

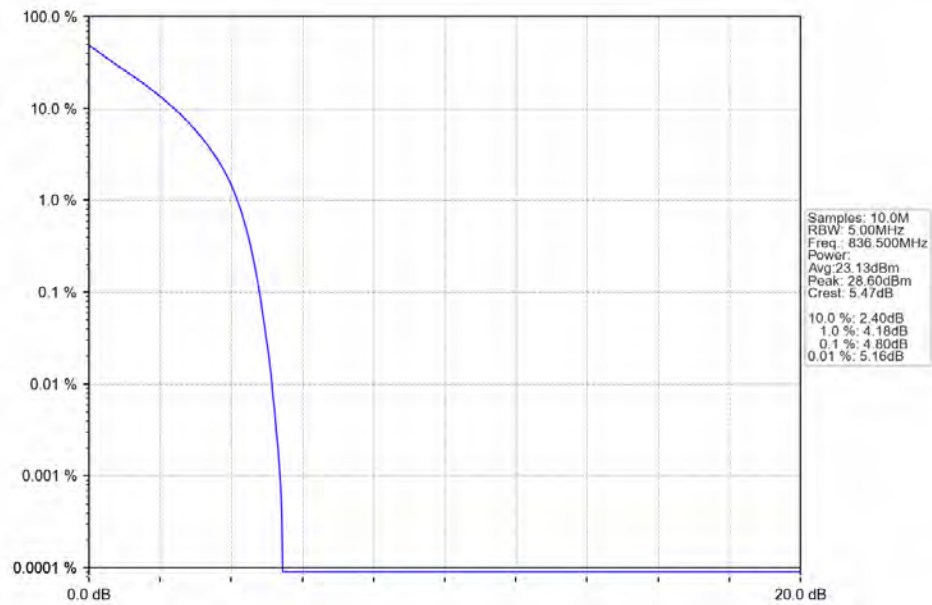


4.2.2 B5_3MHz

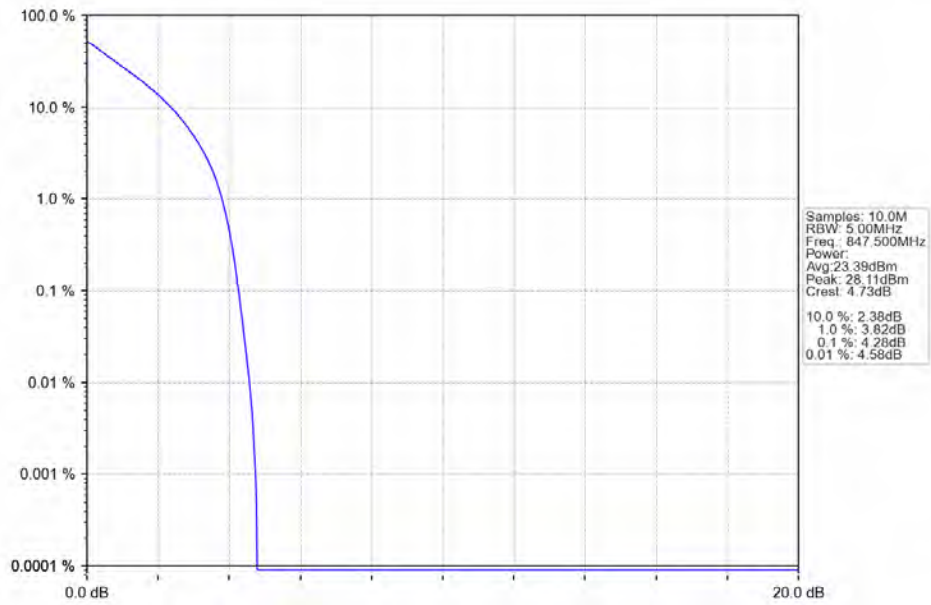
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



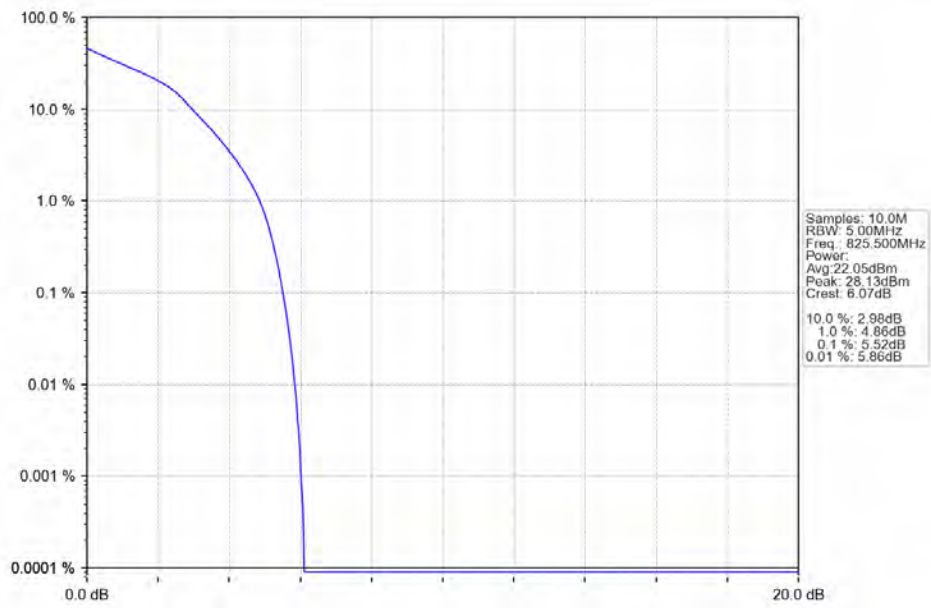
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



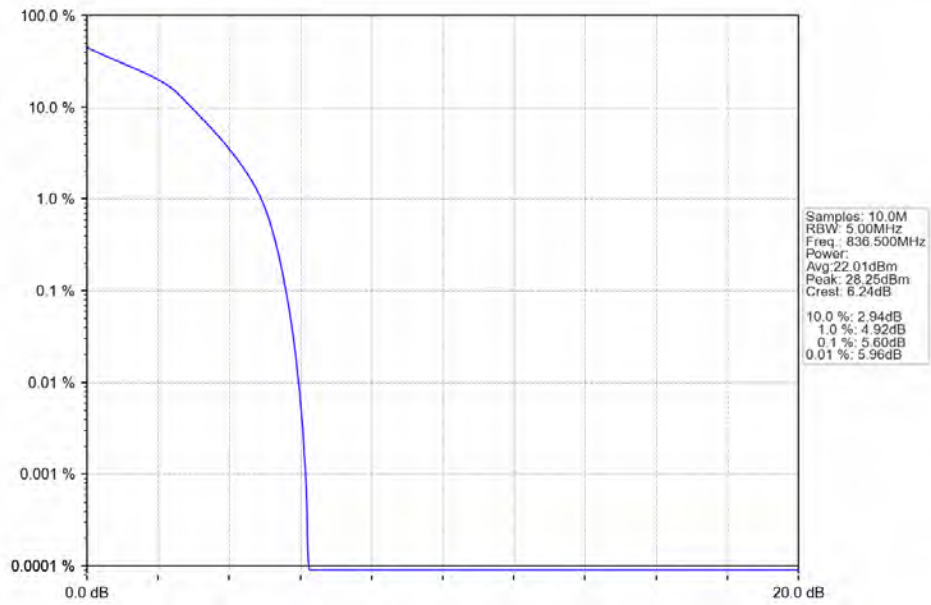
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



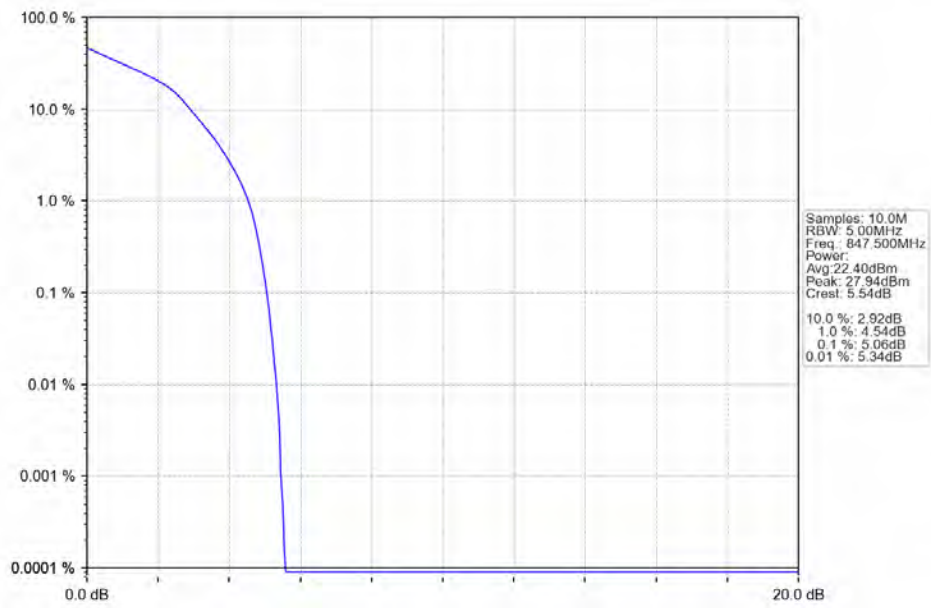
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



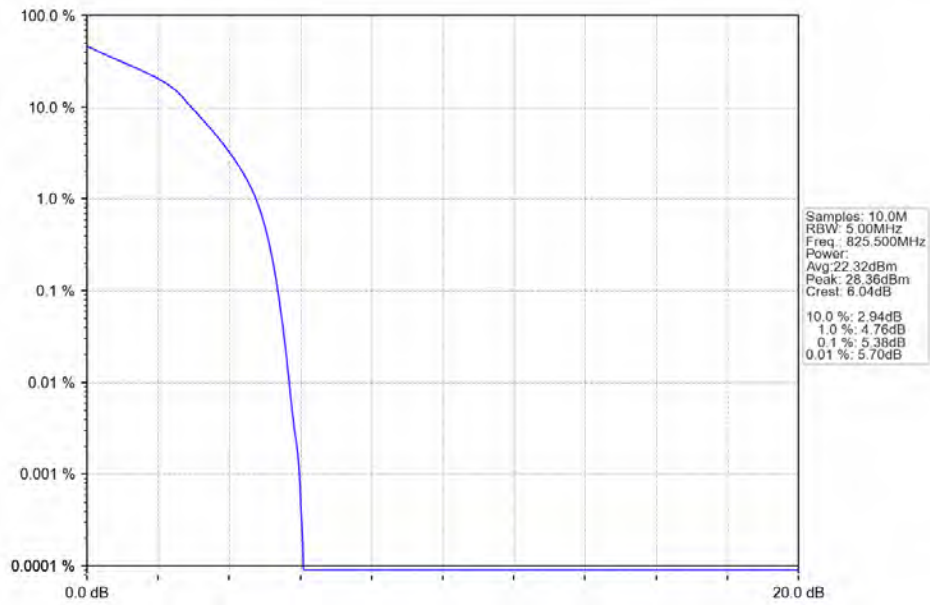
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



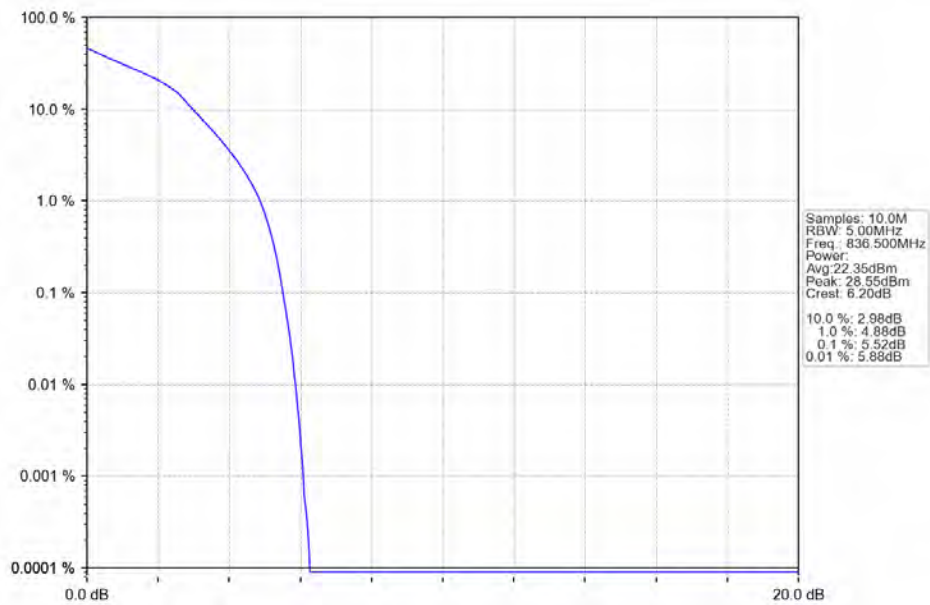
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



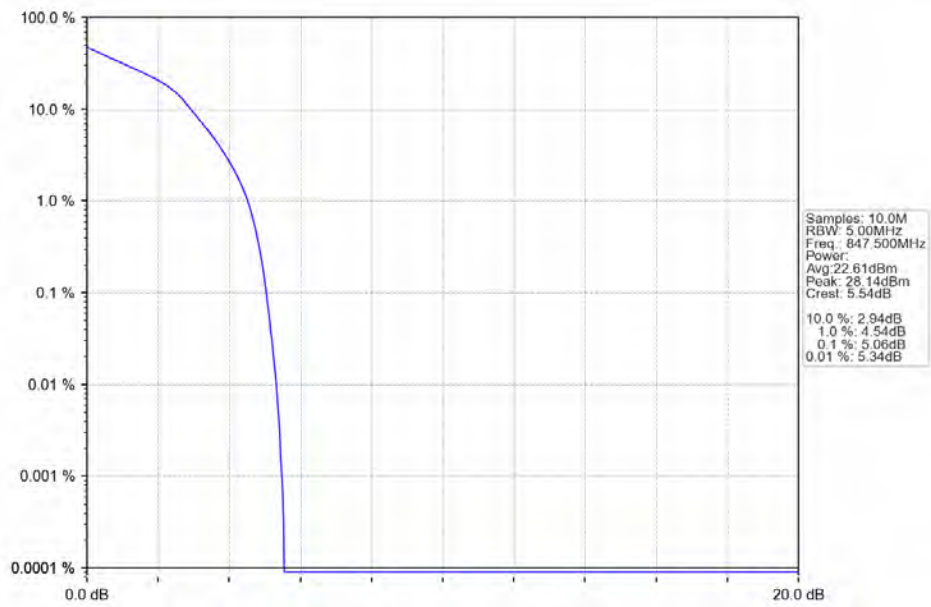
Band5 3MHz 64QAM LCH 825.5MHz RB 15 0 NTNV



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

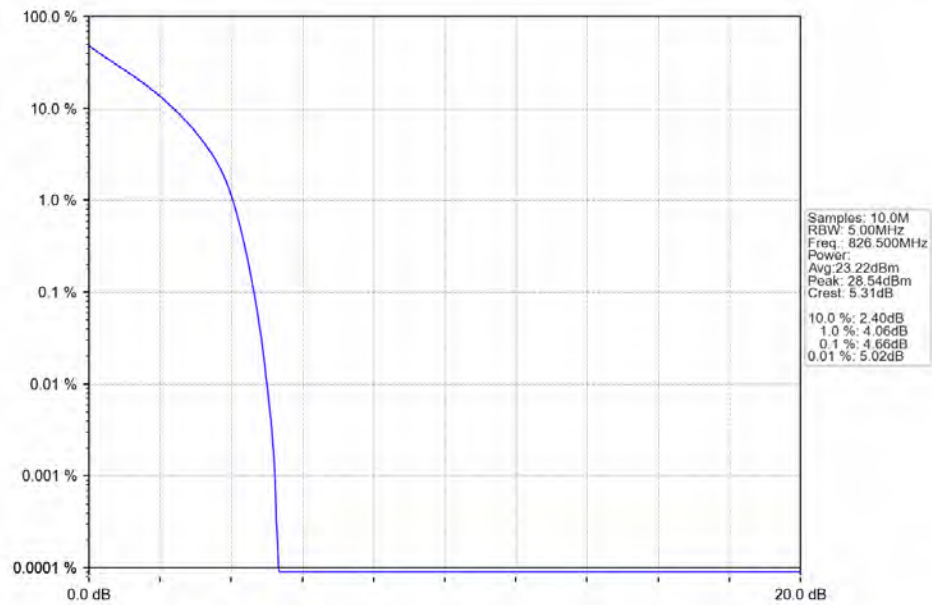


Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV

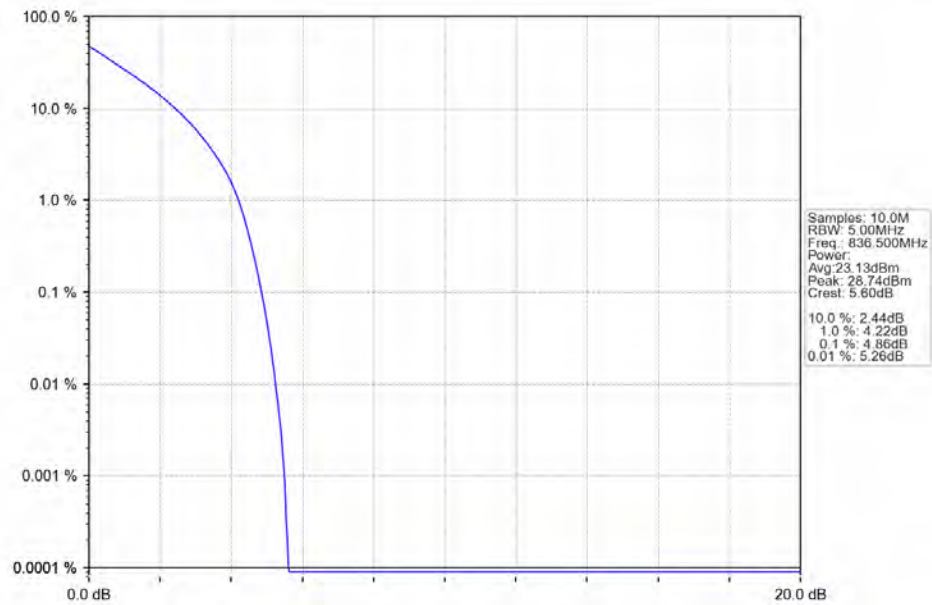


4.2.3 B5_5MHz

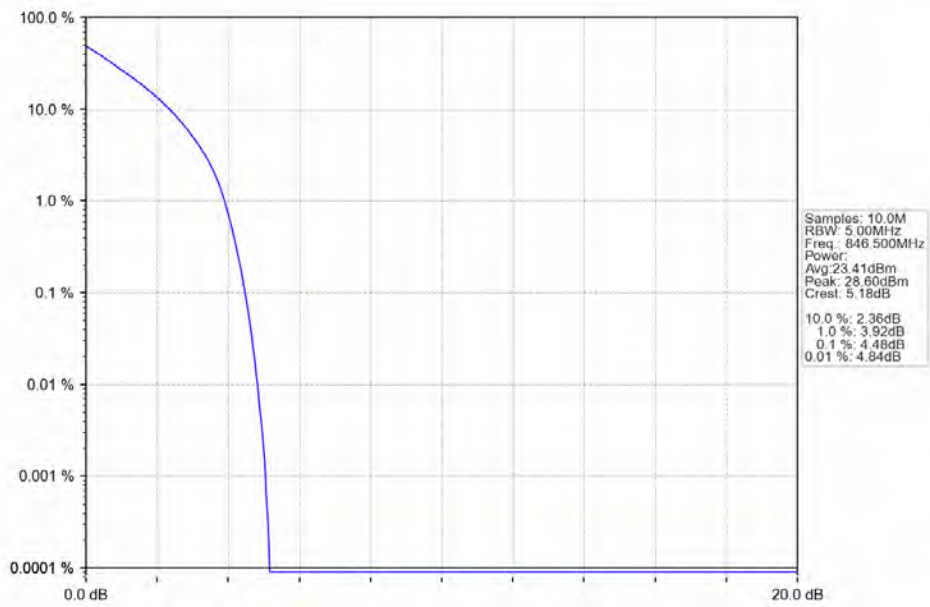
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



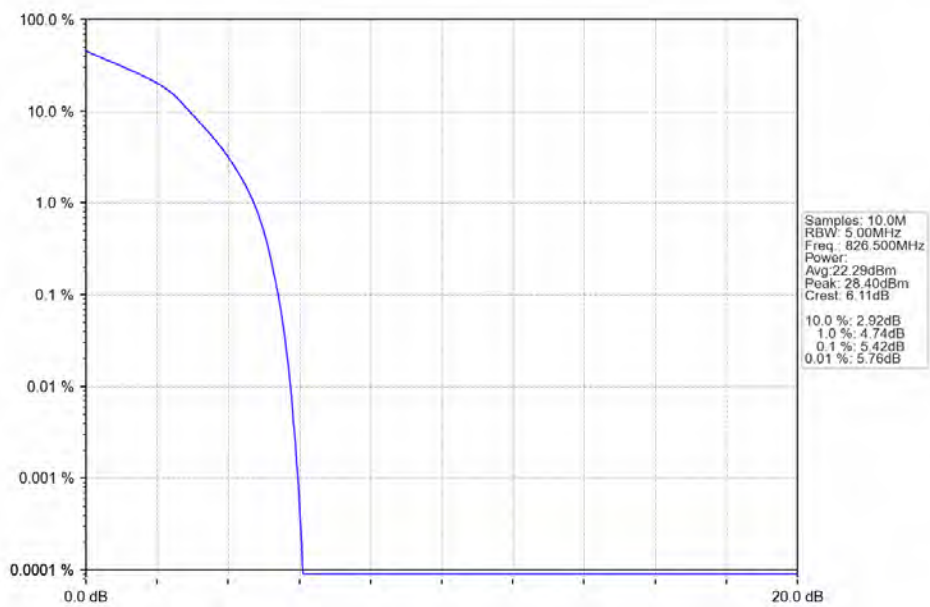
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



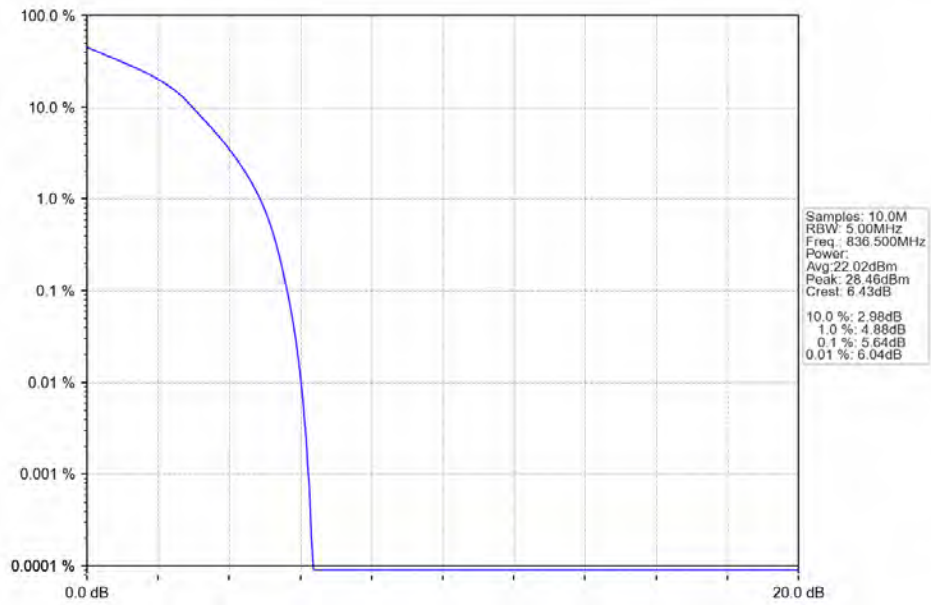
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



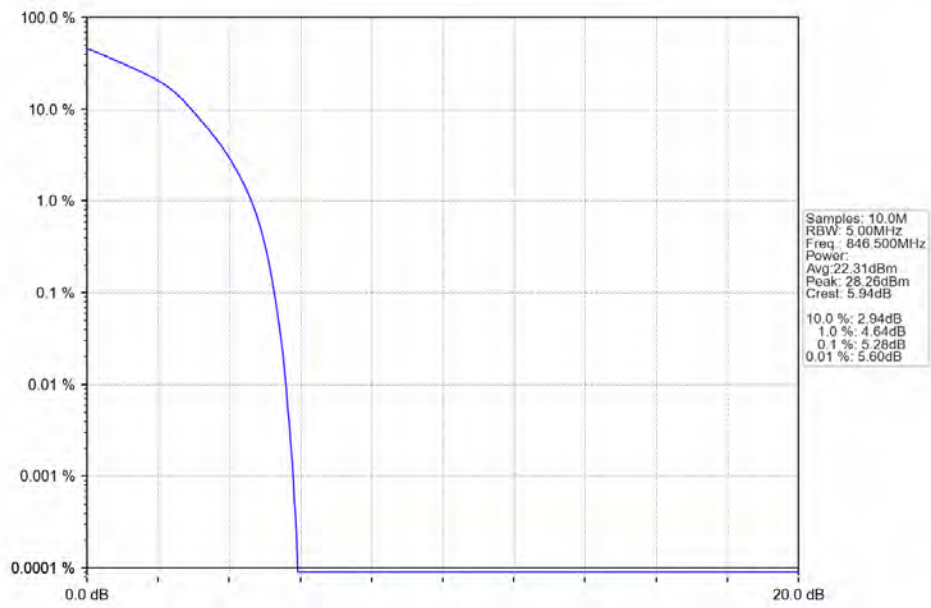
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



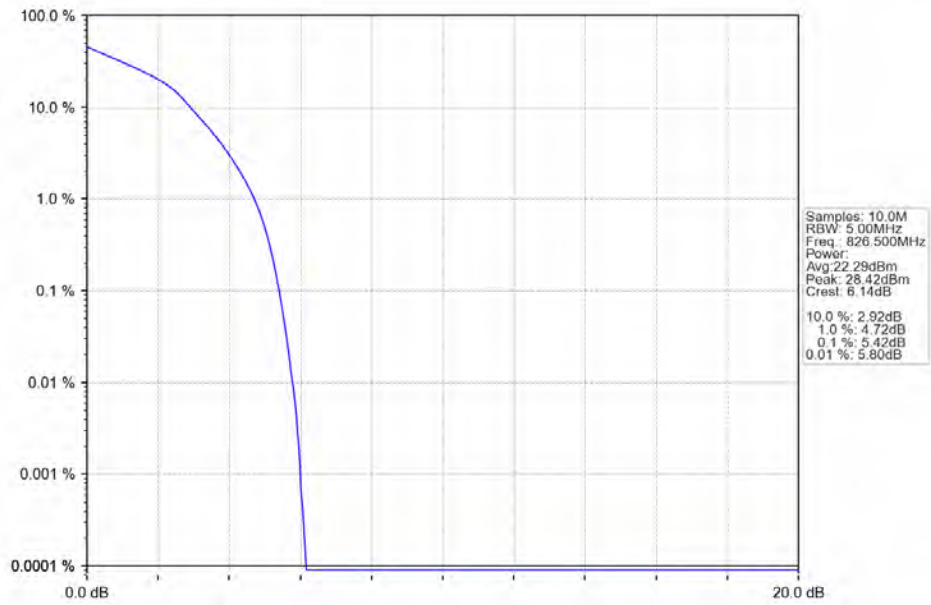
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



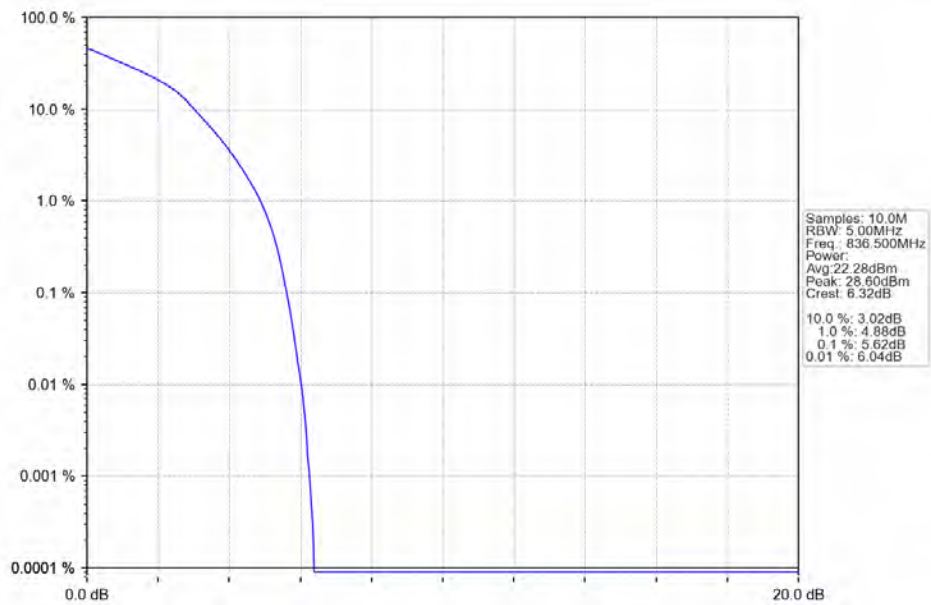
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



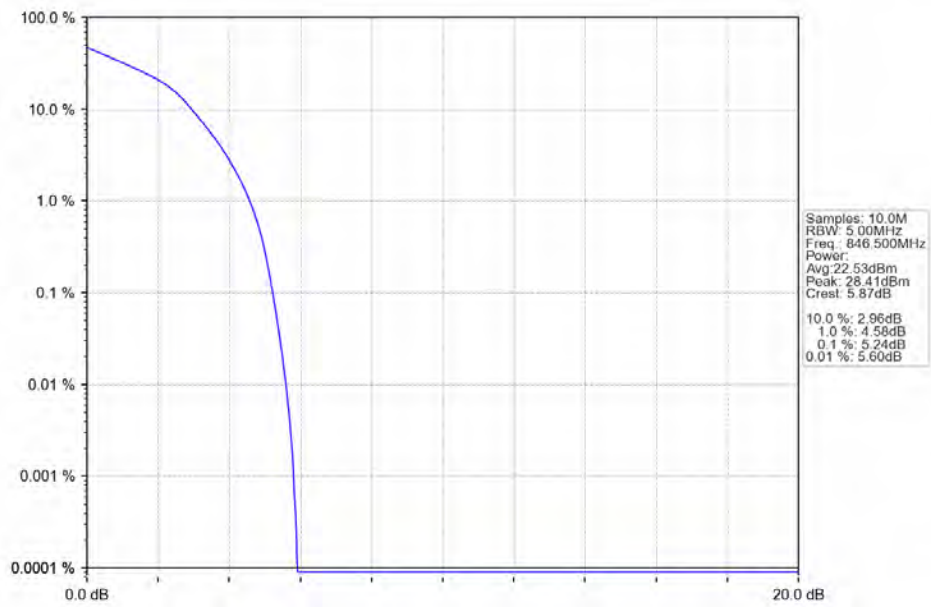
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV

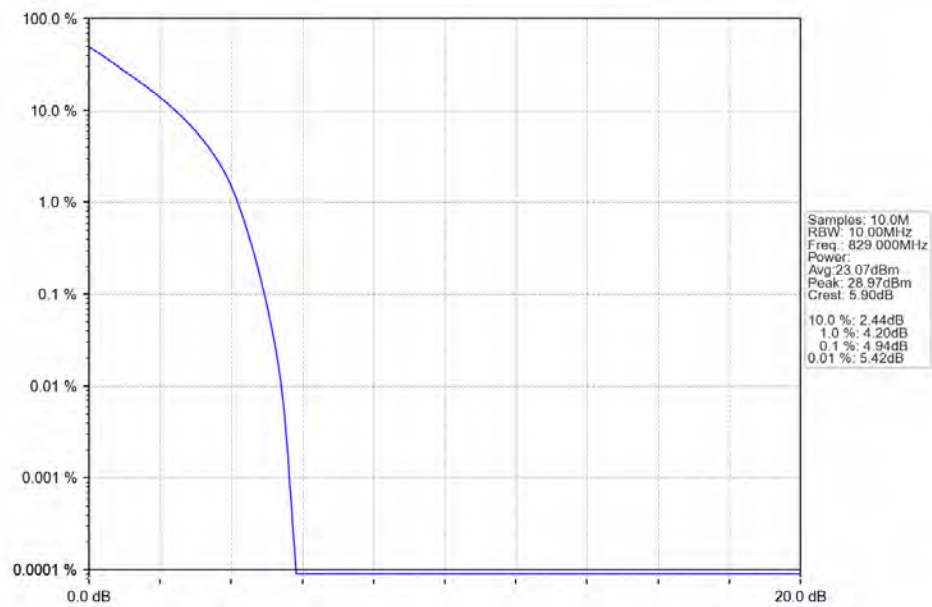


Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV

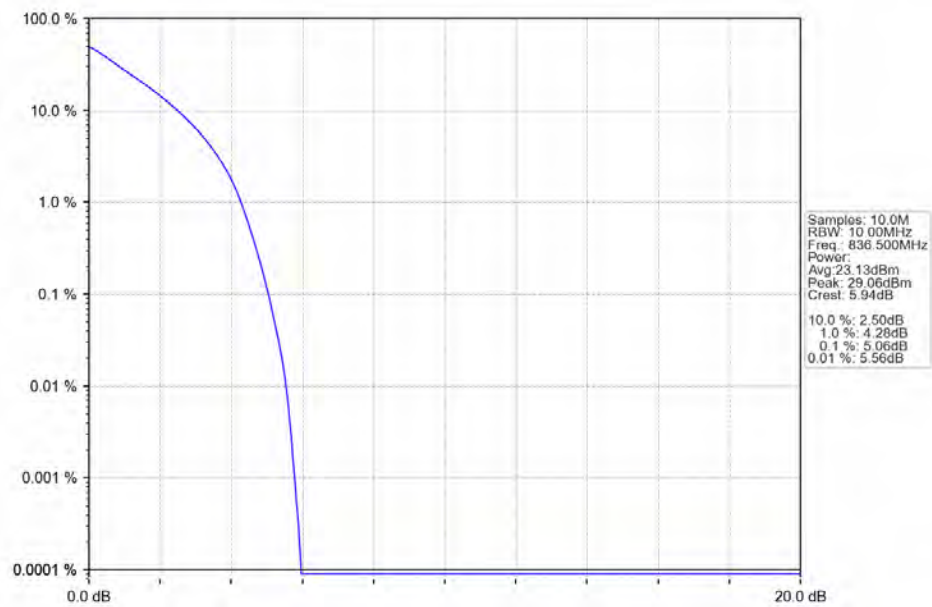


4.2.4 B5_10MHz

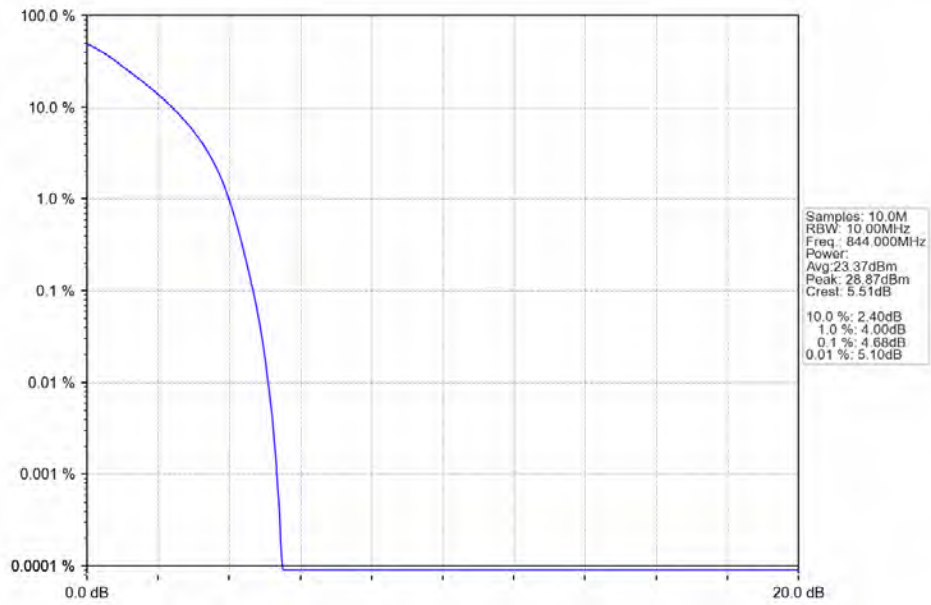
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



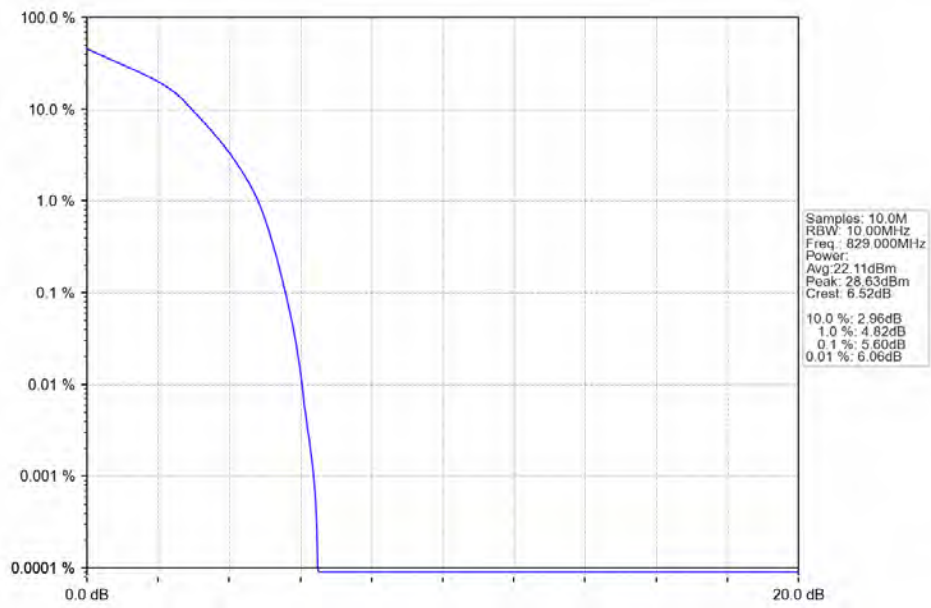
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



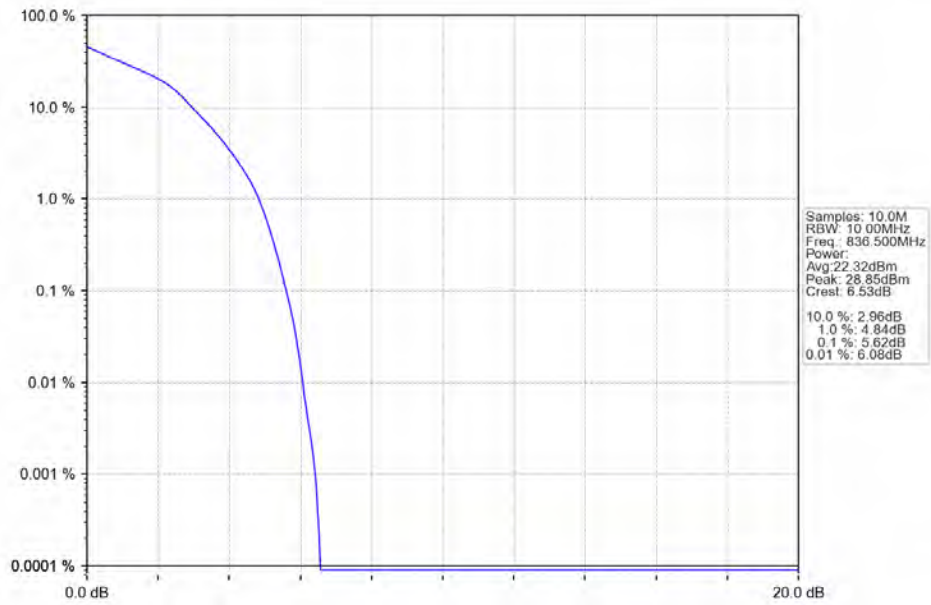
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



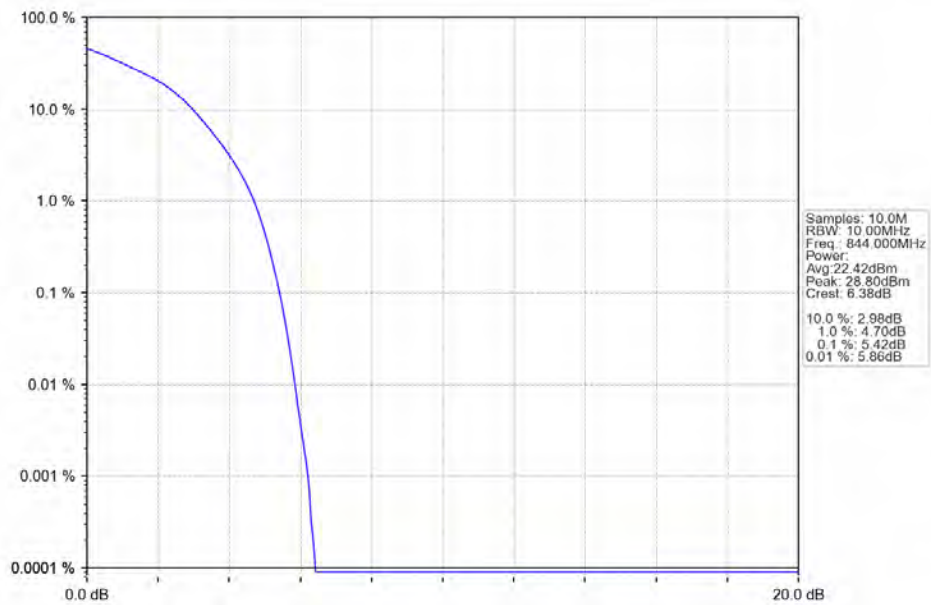
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



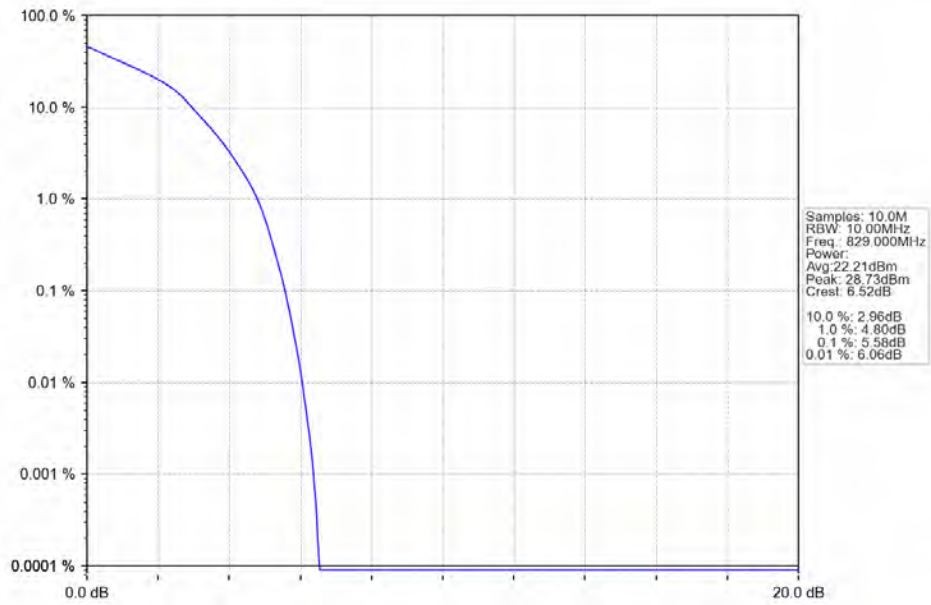
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



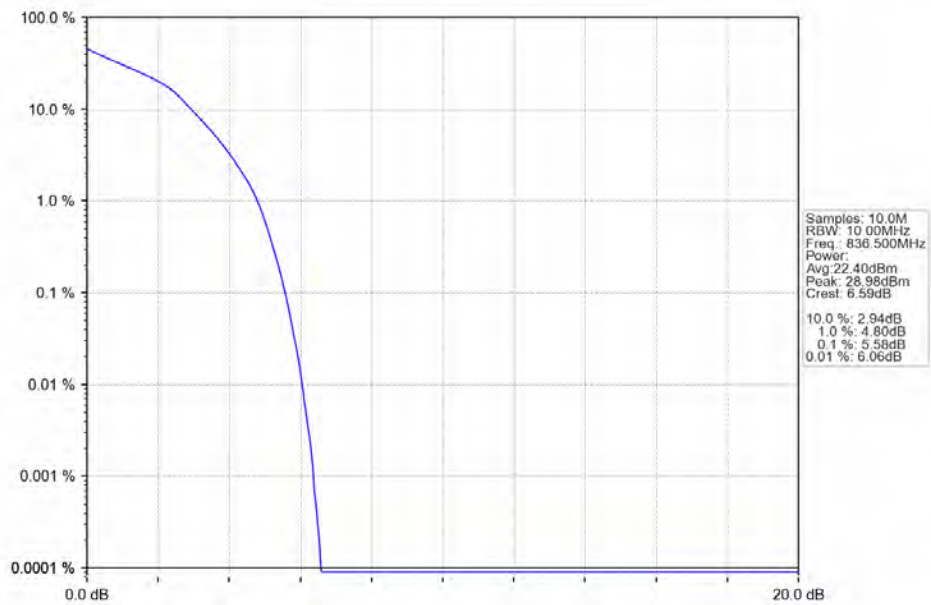
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



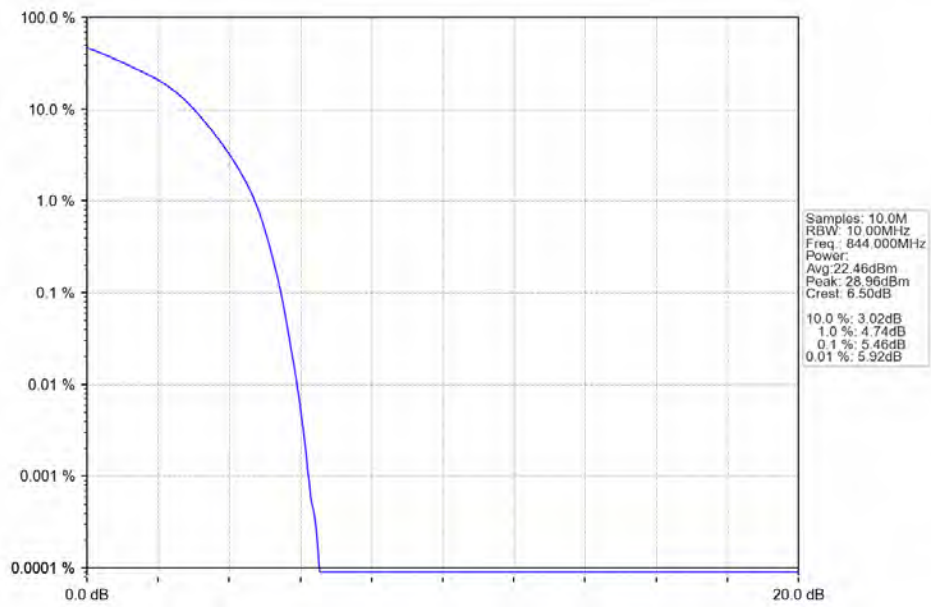
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B5_1.4MHz

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

5.1.2 B5_3MHz

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

5.1.3 B5_5MHz

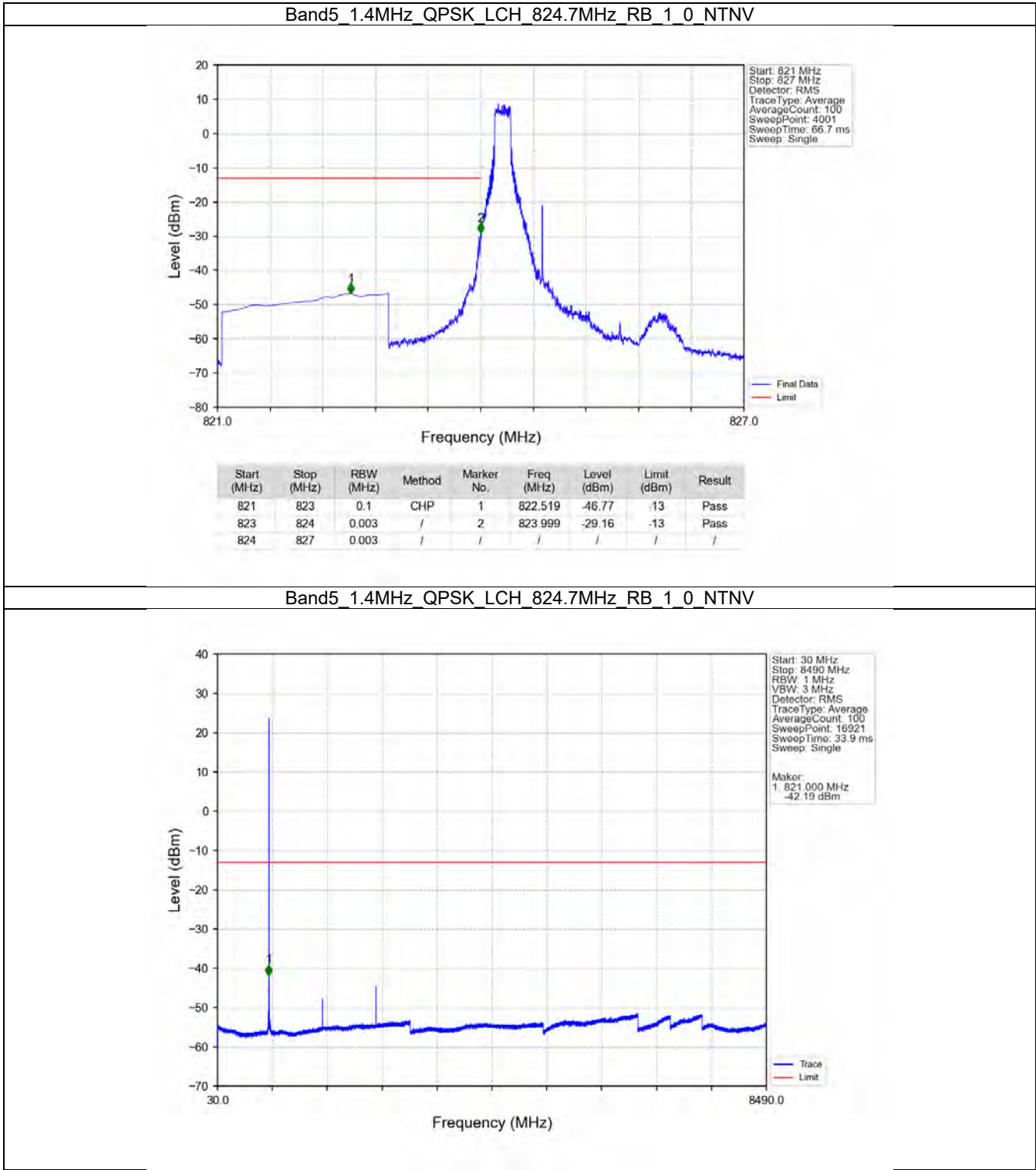
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.4 B5_10MHz

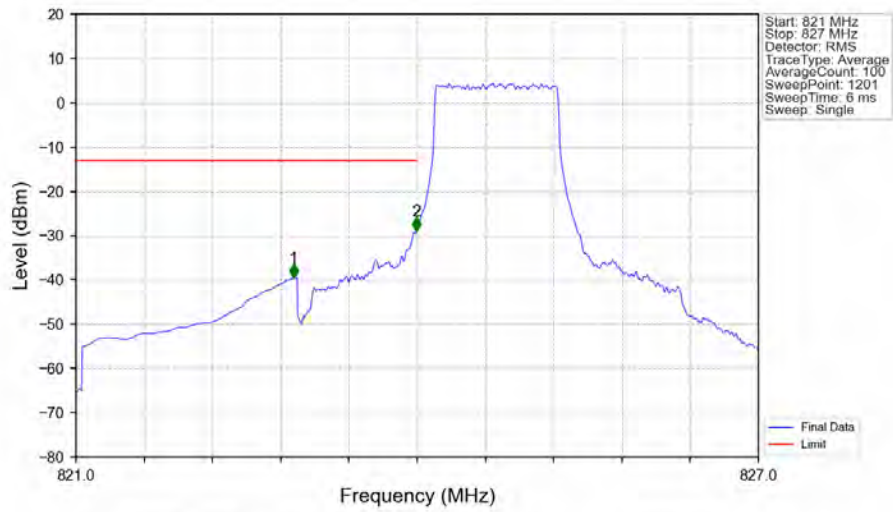
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph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

5.2 Test Graph

5.2.1 B5_1.4MHz

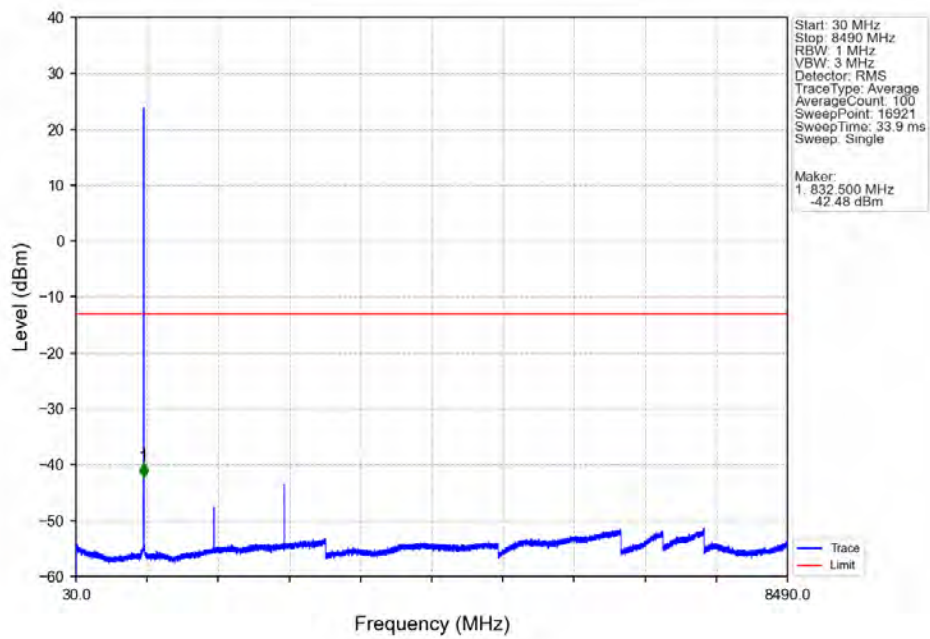


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

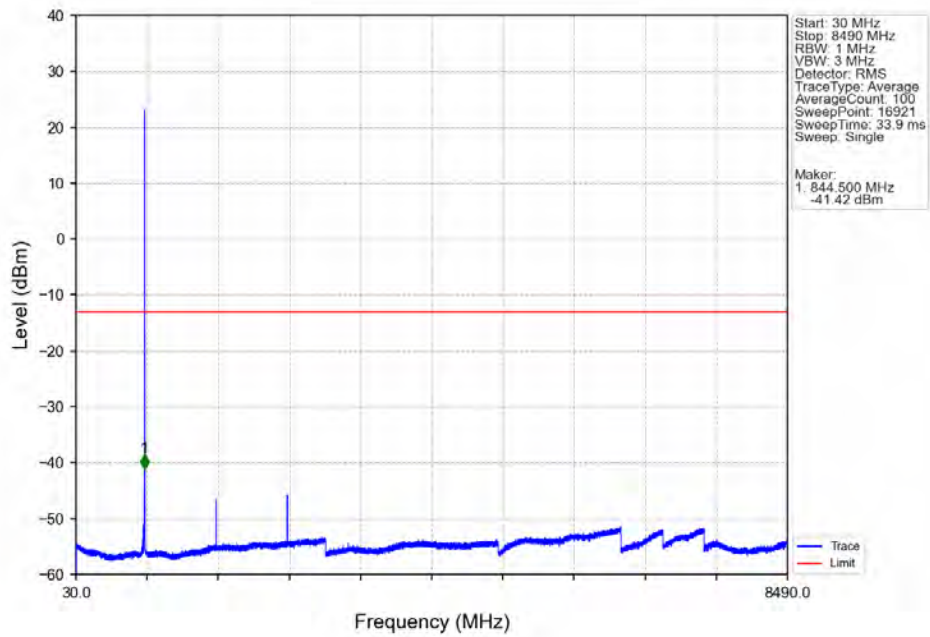


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.915	-39.44	-13	Pass
823	824	0.013	CHP	2	823.995	-28.99	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

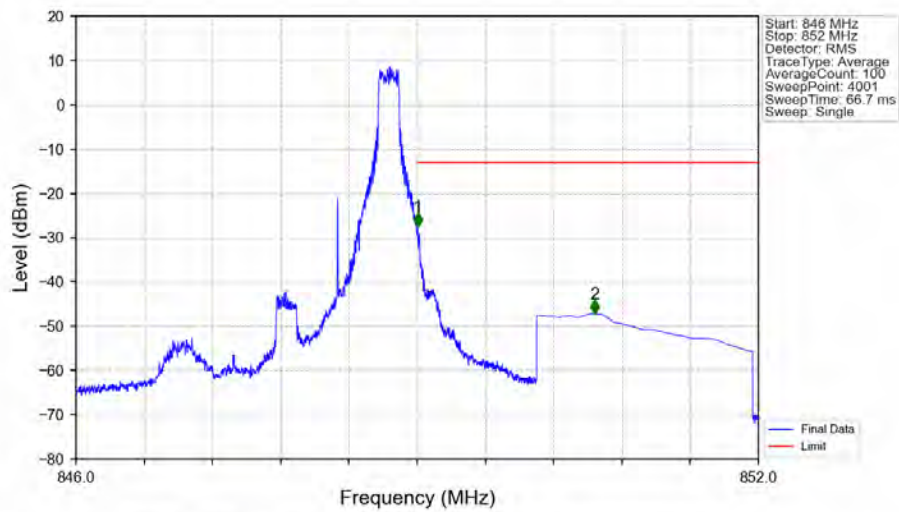
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



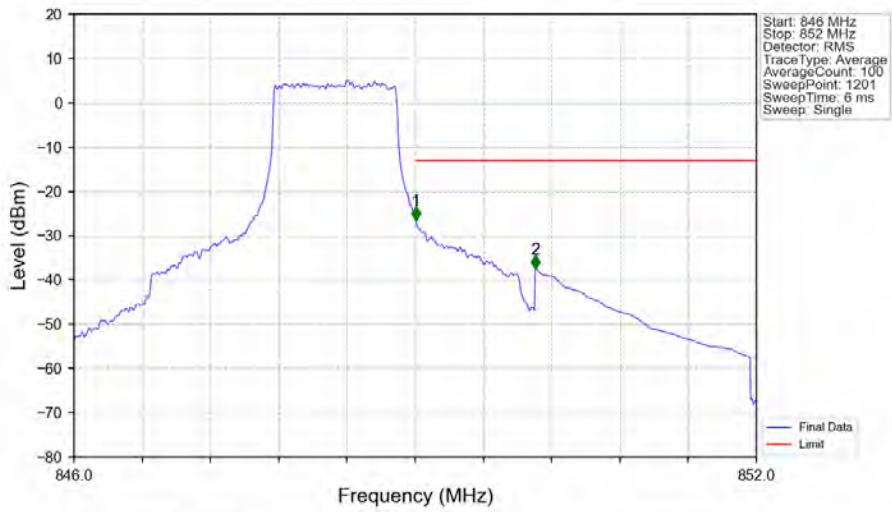
Band5 1.4MHz QPSK HCH 848.3MHz RB 1_0 NTN



Band5 1.4MHz QPSK HCH 848.3MHz RB 1_5 NTN

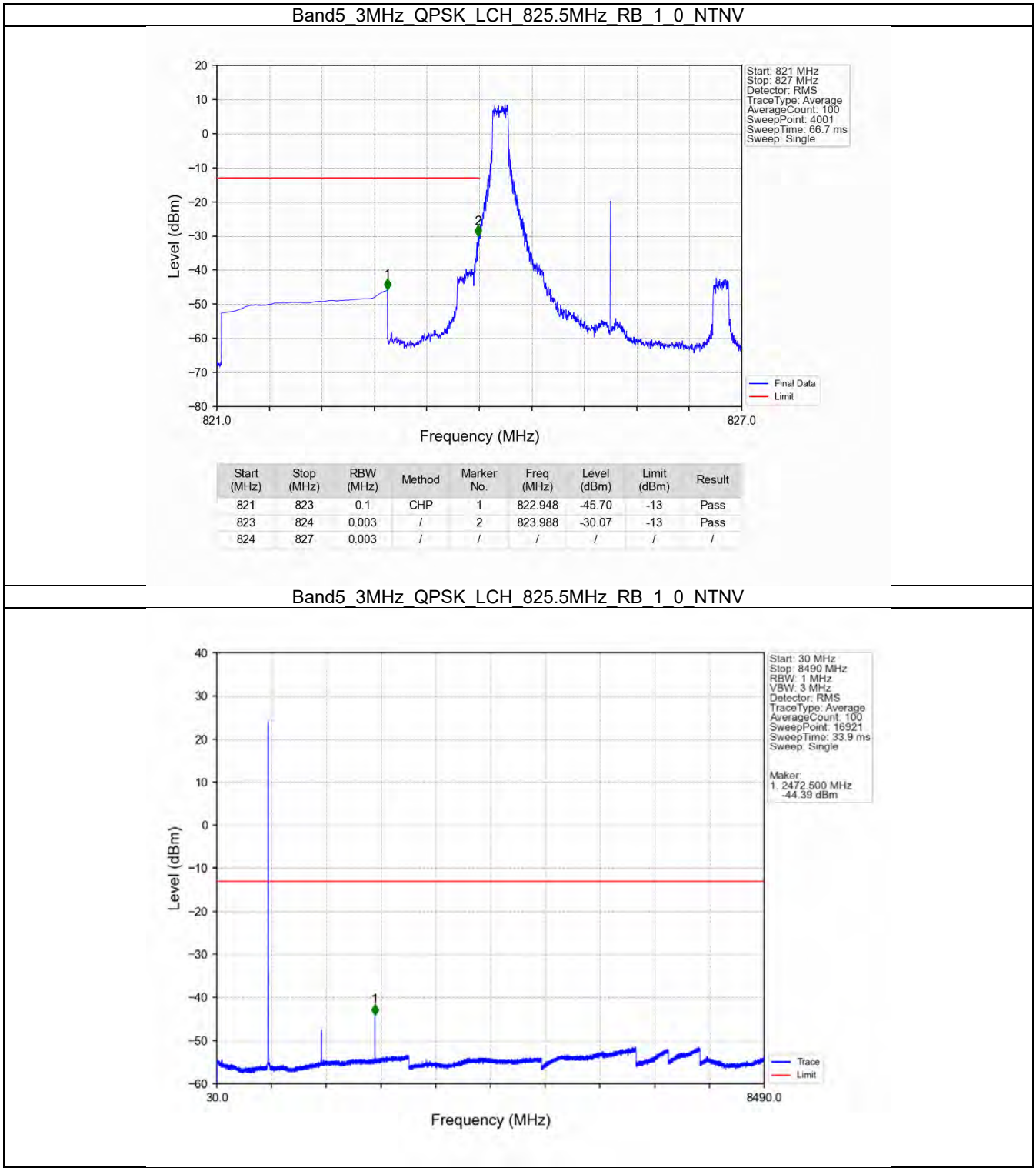


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-27.51	-13	Pass
850	852	0.1	CHP	2	850.560	-47.13	-13	Pass

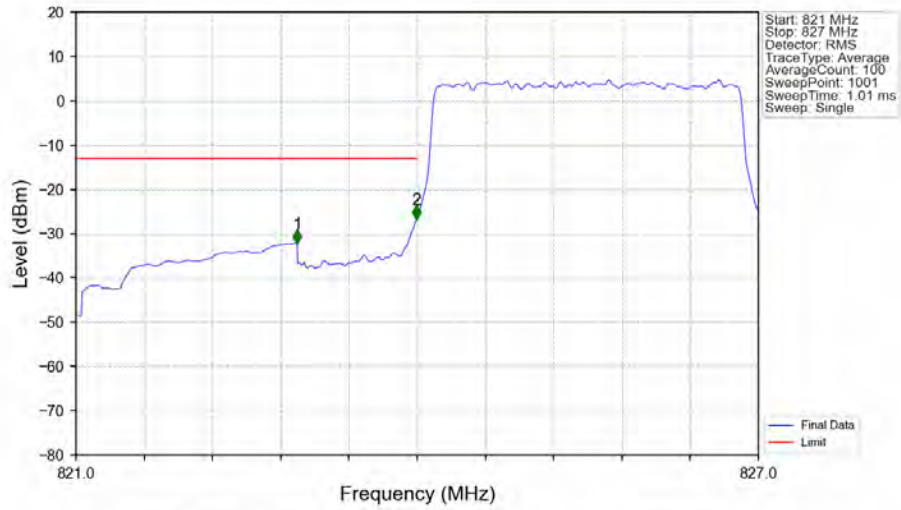


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.005	-26.64	-13	Pass
850	852	0.1	CHP	2	850.055	-37.48	-13	Pass

5.2.2 B5_3MHz

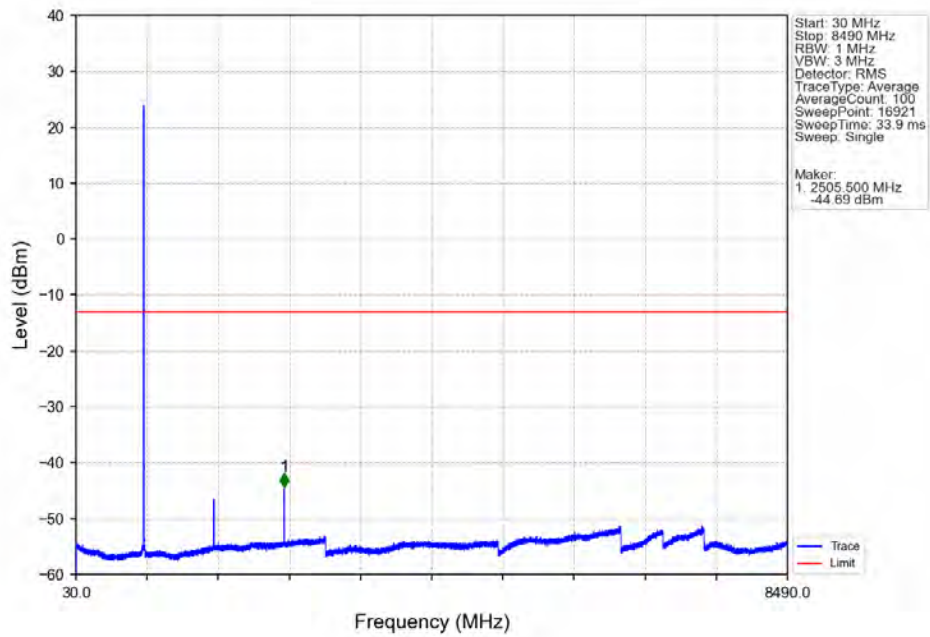


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

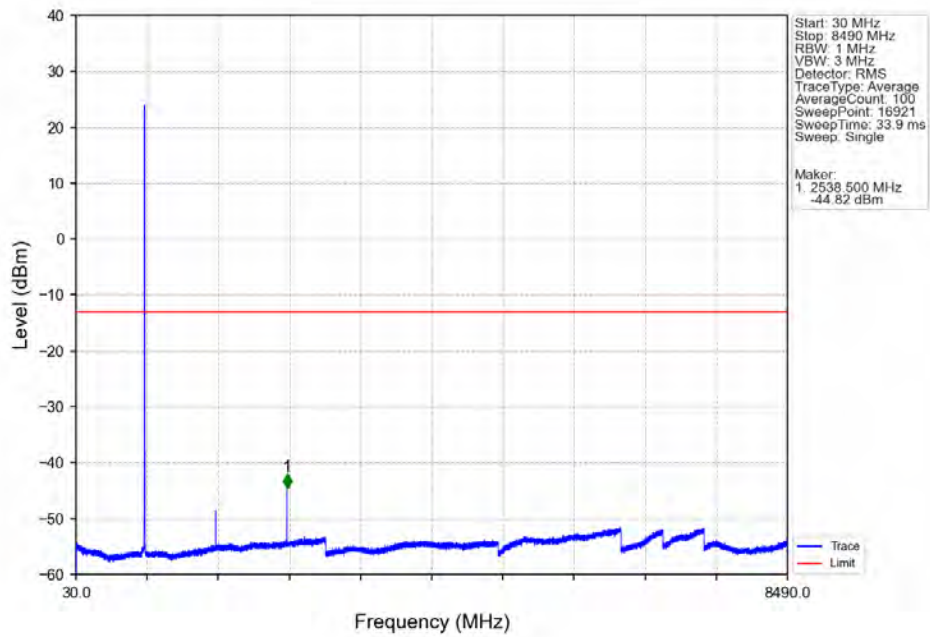


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-32.16	-13	Pass
823	824	0.031	CHP	2	823.994	-26.78	-13	Pass
824	827	0.031	CHP	/	/	/	/	/

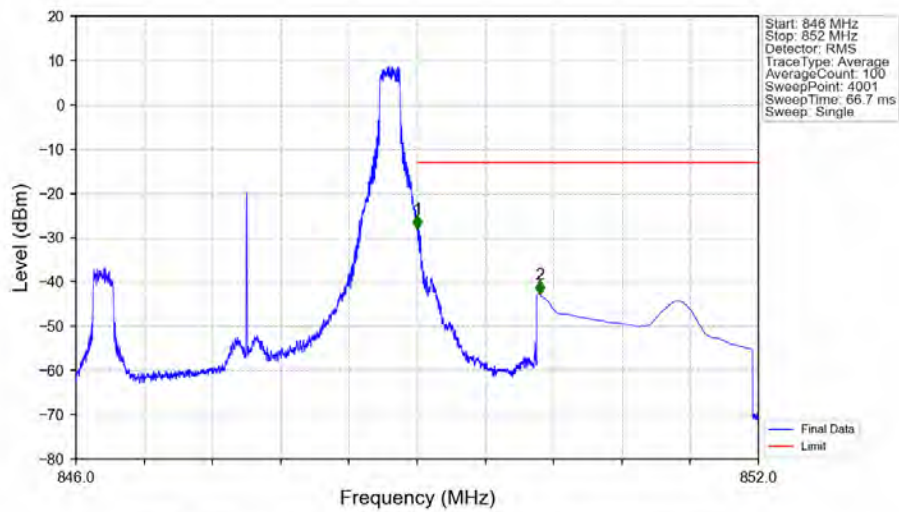
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



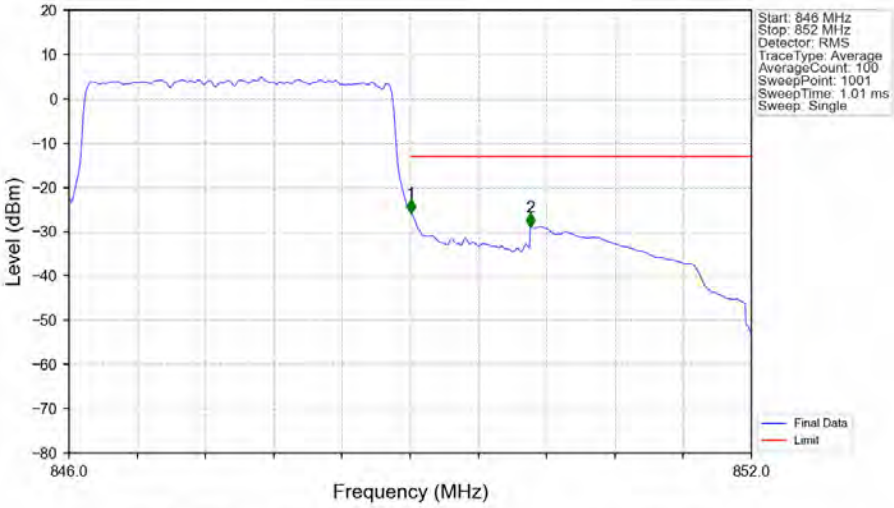
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV

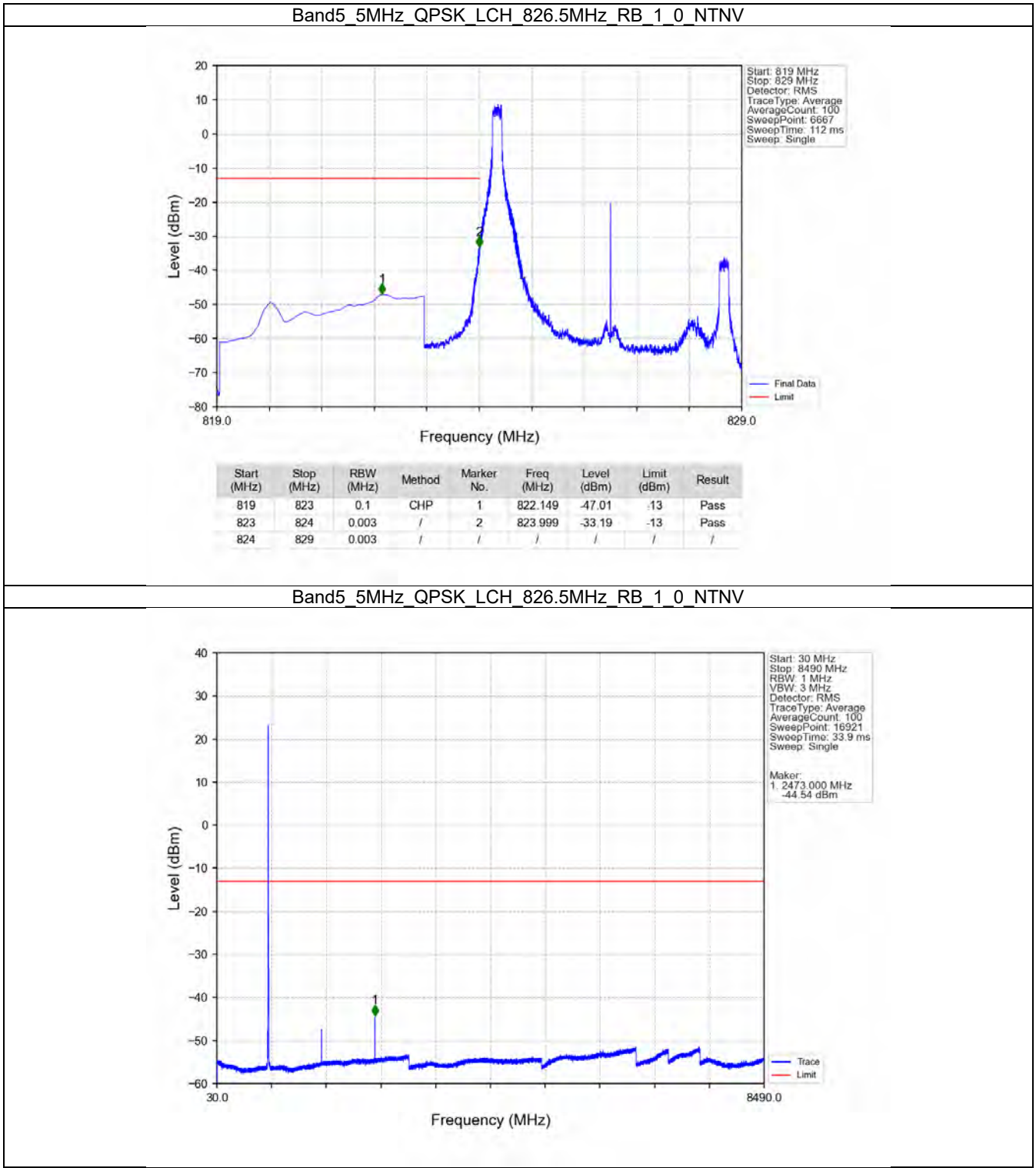


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-27.96	-13	Pass
850	852	0.1	CHP	2	850.078	-42.80	-13	Pass

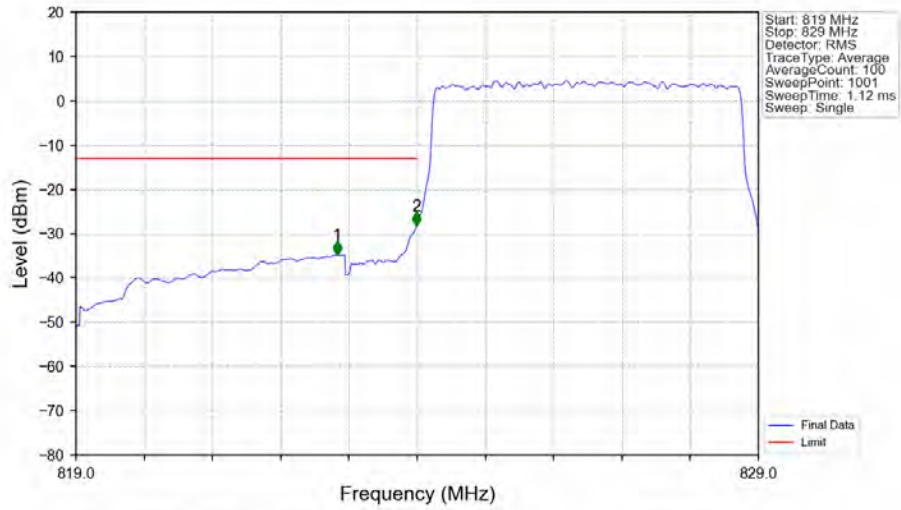


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.031	CHP	/	/	/	/	/
849	850	0.031	CHP	1	849.006	-25.81	-13	Pass
850	852	0.1	CHP	2	850.056	-28.88	-13	Pass

5.2.3 B5_5MHz

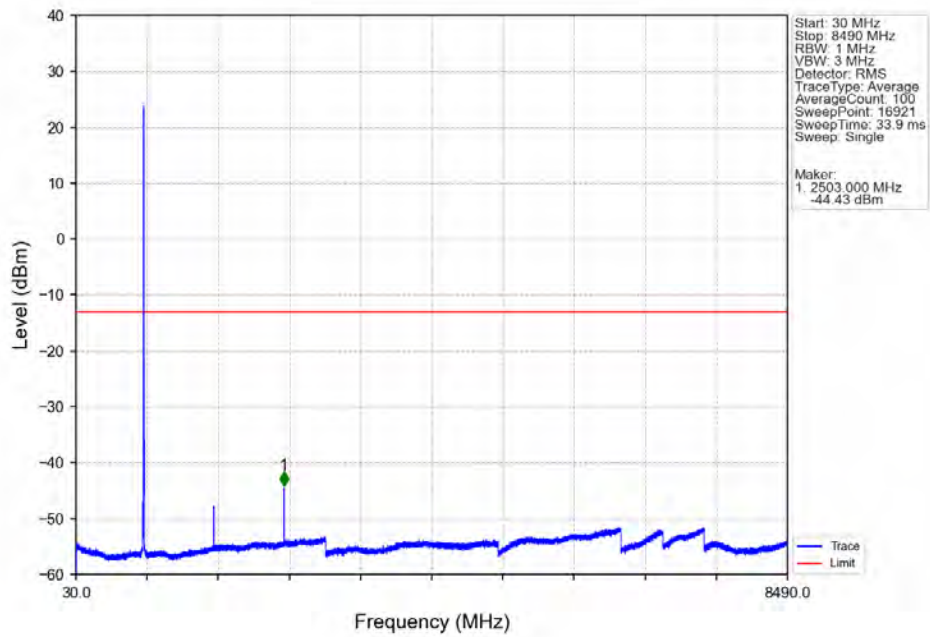


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

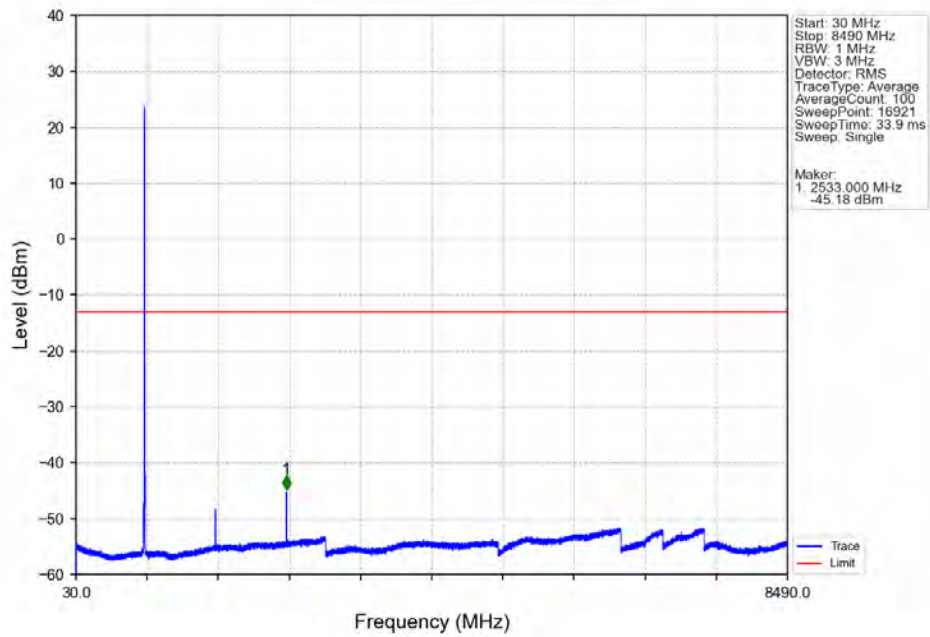


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.830	-34.71	-13	Pass
823	824	0.051	CHP	2	823.990	-28.19	-13	Pass
824	829	0.051	CHP	/	/	/	/	/

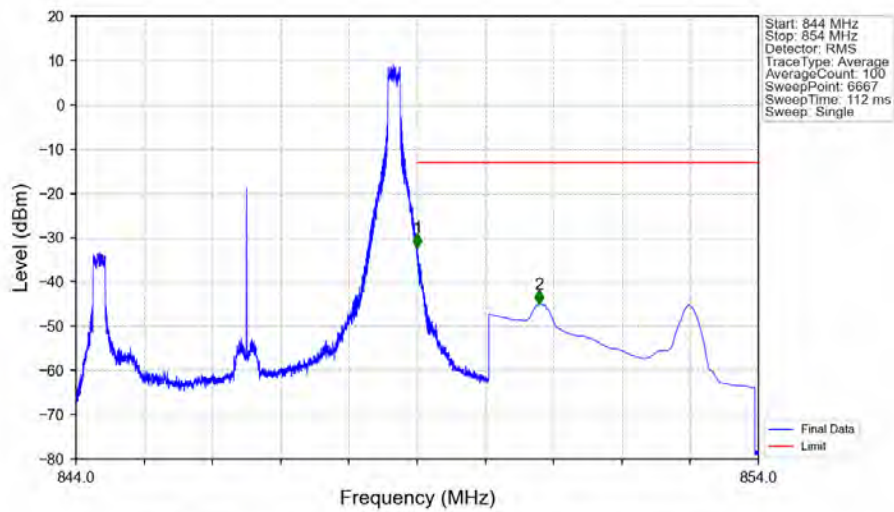
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



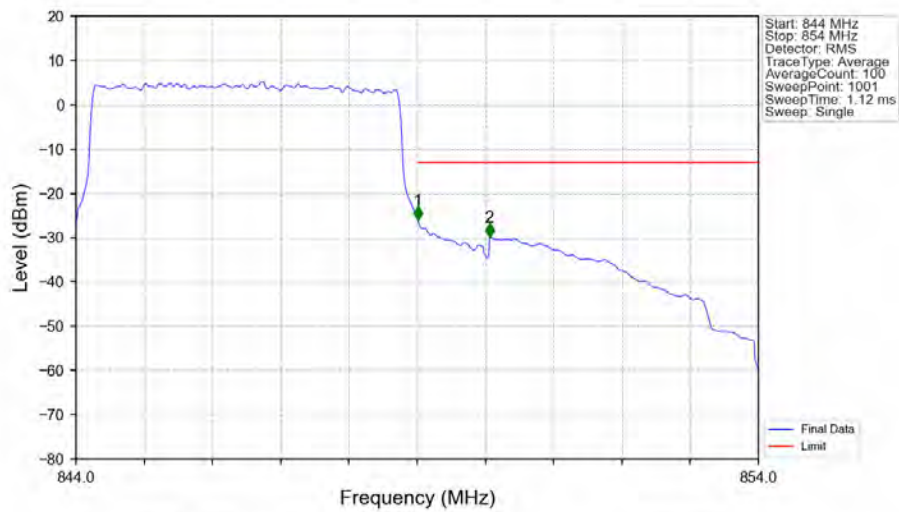
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV

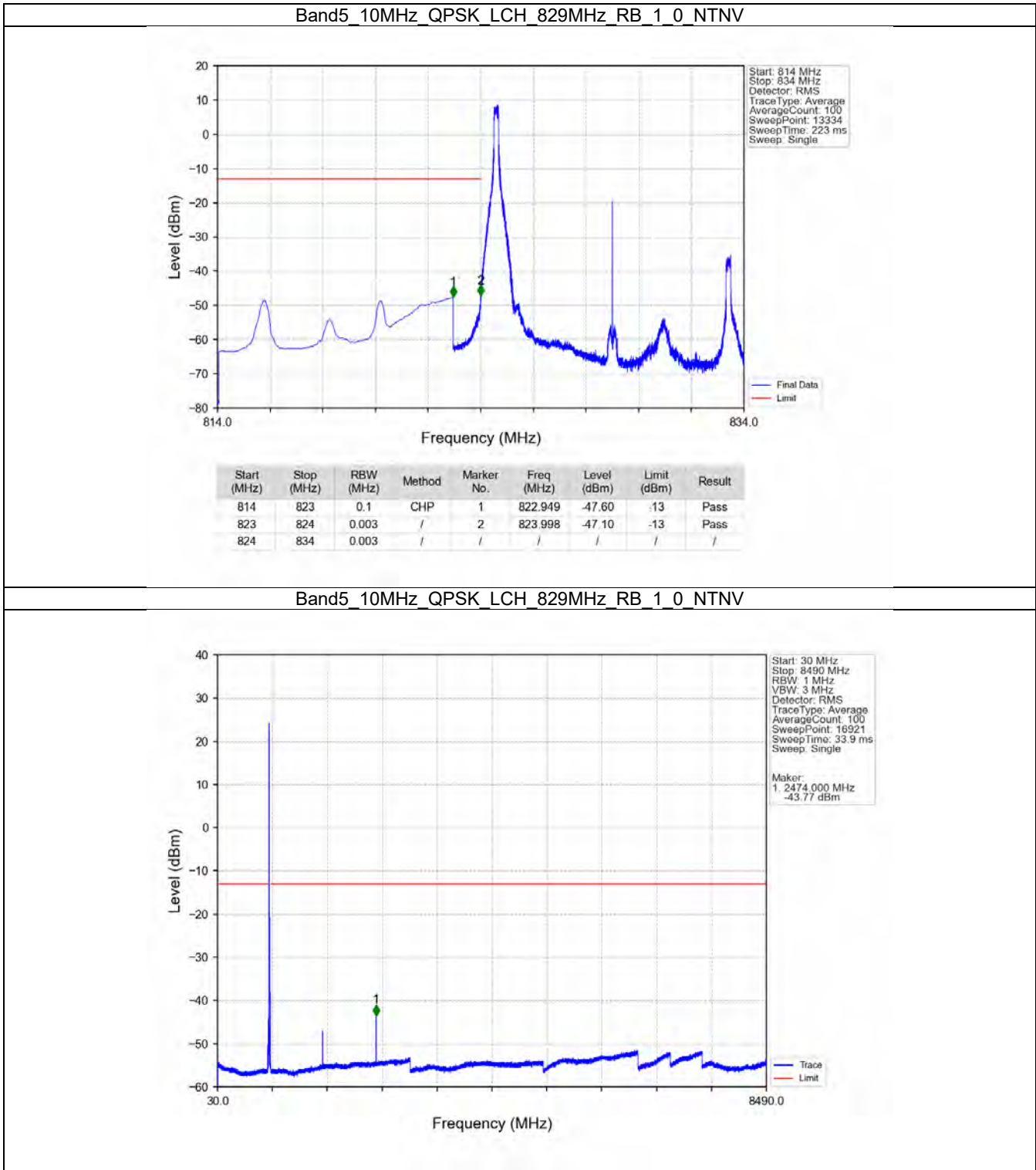


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-32.28	-13	Pass
850	854	0.1	CHP	2	850.790	-44.90	-13	Pass

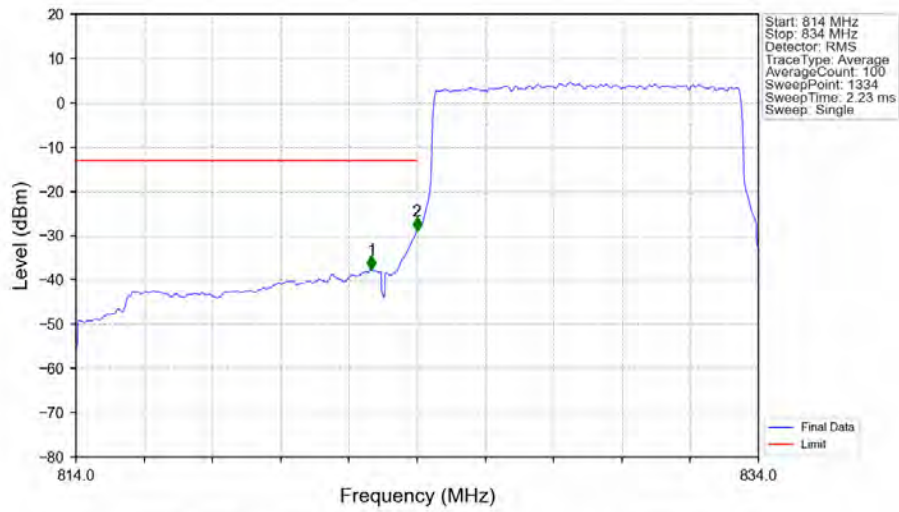


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	CHP	/	/	/	/	/
849	850	0.051	CHP	1	849.010	-26.09	-13	Pass
850	854	0.1	CHP	2	850.060	-29.78	-13	Pass

5.2.4 B5_10MHz

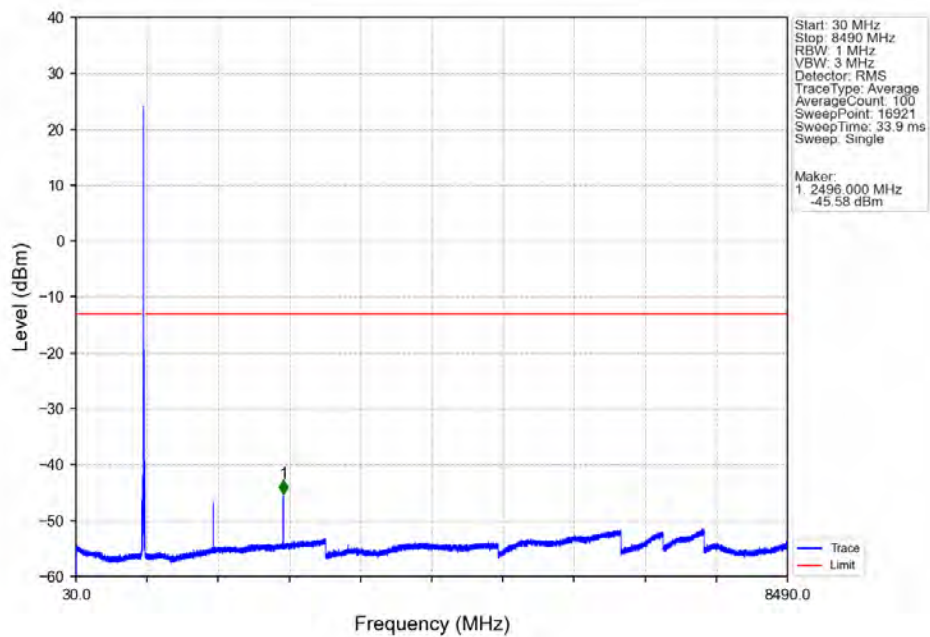


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

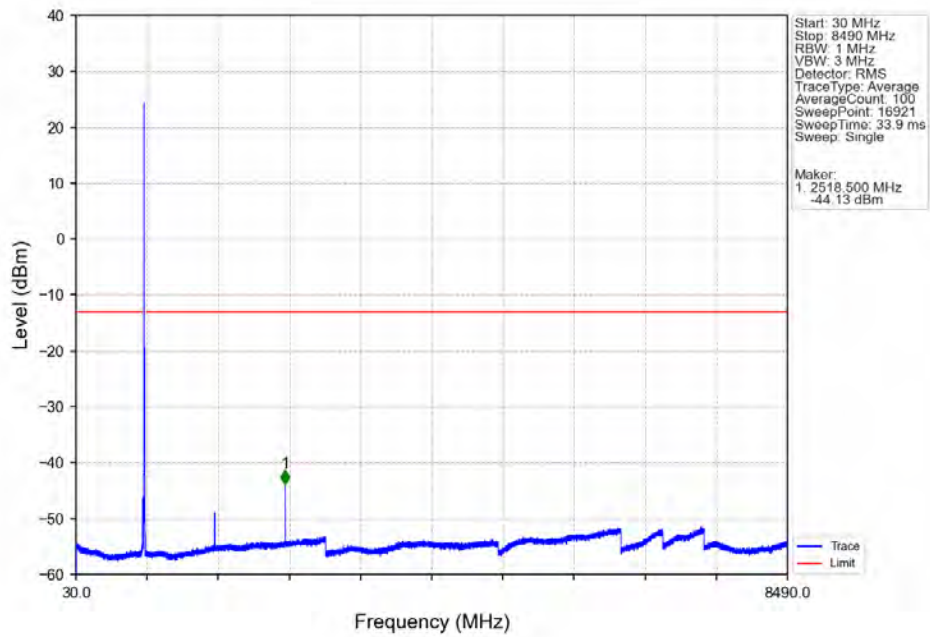


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.657	-37.66	-13	Pass
823	824	0.099	CHP	2	823.992	-28.93	-13	Pass
824	834	0.099	CHP	/	/	/	/	/

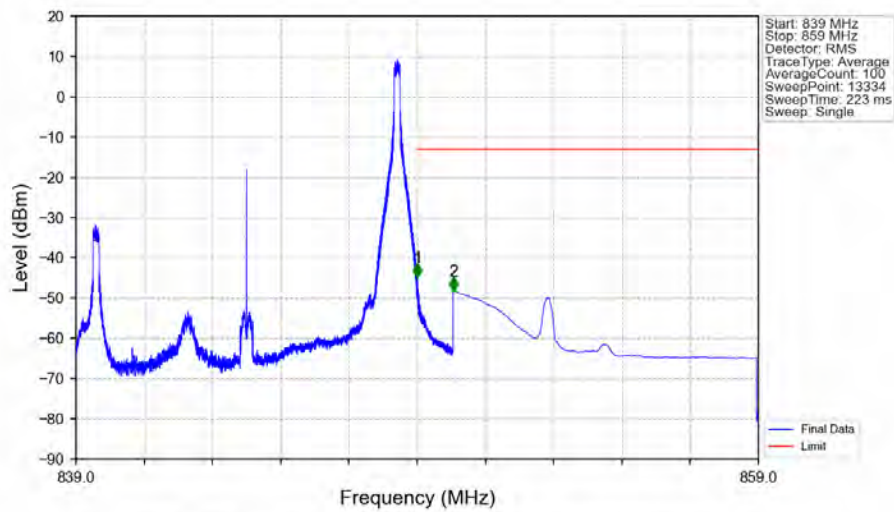
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

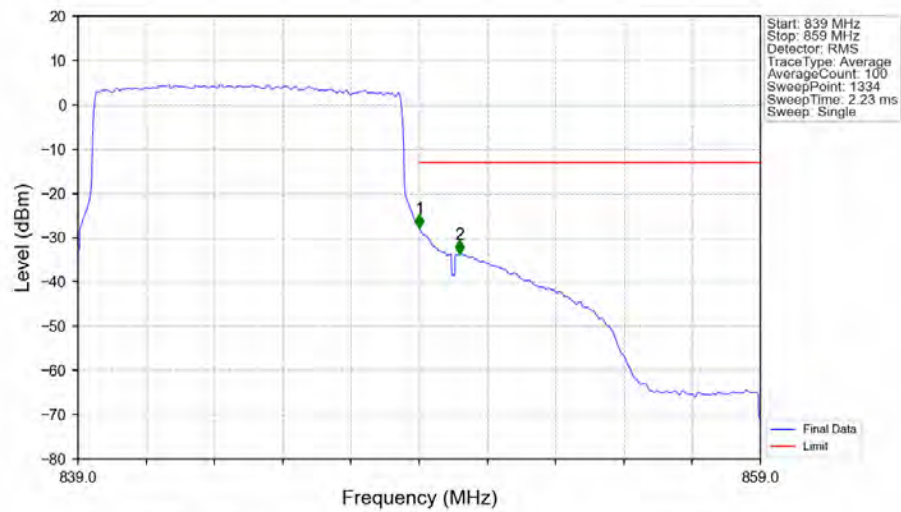


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.004	-44.81	-13	Pass
850	859	0.1	CHP	2	850.066	-48.20	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.098	CHP	/	/	/	/	/
849	850	0.098	CHP	1	849.008	-27.79	-13	Pass
850	859	0.1	CHP	2	850.193	-33.60	-13	Pass

6. Field Strength of Spurious Radiation

Test Band = LTE Band 5_ TM1

Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649.18	47.88	-49.83	25.57	-71.63	-13.00	58.63	Horizontal
2	2473.77	49.91	-49.05	27.15	-67.25	-13.00	54.25	Horizontal
3	3298.36	48.87	-48.63	28.34	-66.68	-13.00	53.68	Horizontal
4	4122.95	48.60	-48.28	29.50	-65.45	-13.00	52.45	Horizontal
5	4947.54	49.23	-48.07	31.08	-63.02	-13.00	50.02	Horizontal
6	5772.13	50.06	-47.66	32.71	-60.15	-13.00	47.15	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649.18	47.70	-49.83	25.57	-71.81	-13.00	58.81	Vertical
2	2473.77	49.18	-49.05	27.15	-67.98	-13.00	54.98	Vertical
3	3298.36	49.66	-48.63	28.34	-65.89	-13.00	52.89	Vertical
4	4122.95	48.99	-48.28	29.50	-65.06	-13.00	52.06	Vertical
5	4947.54	49.16	-48.07	31.08	-63.09	-13.00	50.09	Vertical
6	5772.13	51.10	-47.66	32.71	-59.11	-13.00	46.11	Vertical

Test Band = LTE Band 5_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1664.18	48.61	-49.79	25.60	-70.85	-13.00	57.85	Horizontal
2	2496.27	49.97	-48.92	27.19	-67.02	-13.00	54.02	Horizontal
3	3328.36	48.83	-48.65	28.36	-66.71	-13.00	53.71	Horizontal
4	4160.45	48.28	-48.32	29.56	-65.74	-13.00	52.74	Horizontal
5	4992.54	49.65	-47.97	31.18	-62.40	-13.00	49.40	Horizontal
6	5824.63	49.81	-47.55	32.73	-60.27	-13.00	47.27	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1664.18	48.17	-49.79	25.60	-71.29	-13.00	58.29	Vertical
2	2496.27	49.05	-48.92	27.19	-67.94	-13.00	54.94	Vertical
3	3328.36	49.15	-48.65	28.36	-66.39	-13.00	53.39	Vertical
4	4160.45	47.78	-48.32	29.56	-66.24	-13.00	53.24	Vertical
5	4992.54	48.91	-47.97	31.18	-63.14	-13.00	50.14	Vertical
6	5824.63	49.98	-47.55	32.73	-60.10	-13.00	47.10	Vertical

Test Band = LTE Band 5_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1679.18	48.05	-49.76	25.62	-71.35	-13.00	58.35	Horizontal
2	2518.77	48.80	-48.95	27.23	-68.18	-13.00	55.18	Horizontal
3	3358.36	48.74	-48.67	28.39	-66.80	-13.00	53.80	Horizontal
4	4197.95	48.24	-48.36	29.62	-65.76	-13.00	52.76	Horizontal
5	5037.54	50.14	-47.94	31.31	-61.76	-13.00	48.76	Horizontal
6	5887.13	50.15	-47.11	32.76	-59.46	-13.00	46.46	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1679.18	49.10	-49.76	25.62	-70.30	-13.00	57.30	Vertical
2	2518.77	49.15	-48.95	27.23	-67.83	-13.00	54.83	Vertical
3	3358.36	48.37	-48.67	28.39	-67.17	-13.00	54.17	Vertical
4	4197.95	48.06	-48.36	29.62	-65.94	-13.00	52.94	Vertical
5	5037.54	49.71	-47.94	31.31	-62.19	-13.00	49.19	Vertical
6	5887.13	49.89	-47.11	32.76	-59.72	-13.00	46.72	Vertical