

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	23.79	1.00	22.64	<=38.45	Pass
			2	23.86	1.00	22.71	<=38.45	Pass
			5	23.90	1.00	22.75	<=38.45	Pass
		3	0	23.83	1.00	22.68	<=38.45	Pass
			2	23.86	1.00	22.71	<=38.45	Pass
			3	23.84	1.00	22.69	<=38.45	Pass
		6	0	23.35	1.00	22.20	<=38.45	Pass
	836.5	1	0	24.10	1.00	22.95	<=38.45	Pass
			2	24.12	1.00	22.97	<=38.45	Pass
			5	24.08	1.00	22.93	<=38.45	Pass
		3	0	24.10	1.00	22.95	<=38.45	Pass
			2	24.12	1.00	22.97	<=38.45	Pass
			3	24.11	1.00	22.96	<=38.45	Pass
		6	0	23.64	1.00	22.49	<=38.45	Pass
	848.3	1	0	24.24	1.00	23.09	<=38.45	Pass
			2	24.25	1.00	23.10	<=38.45	Pass
			5	24.25	1.00	23.10	<=38.45	Pass
		3	0	24.26	1.00	23.11	<=38.45	Pass
			2	24.28	1.00	23.13	<=38.45	Pass
			3	24.28	1.00	23.13	<=38.45	Pass
		6	0	23.76	1.00	22.61	<=38.45	Pass
16QAM	824.7	1	0	23.36	1.00	22.21	<=38.45	Pass
			2	23.38	1.00	22.23	<=38.45	Pass
			5	23.47	1.00	22.32	<=38.45	Pass
		3	0	23.43	1.00	22.28	<=38.45	Pass
			2	23.44	1.00	22.29	<=38.45	Pass
			3	23.45	1.00	22.30	<=38.45	Pass
		6	0	22.29	1.00	21.14	<=38.45	Pass
	836.5	1	0	23.68	1.00	22.53	<=38.45	Pass
			2	23.68	1.00	22.53	<=38.45	Pass
			5	23.67	1.00	22.52	<=38.45	Pass
		3	0	23.81	1.00	22.66	<=38.45	Pass
			2	23.86	1.00	22.71	<=38.45	Pass
			3	23.87	1.00	22.72	<=38.45	Pass
		6	0	22.65	1.00	21.50	<=38.45	Pass
	848.3	1	0	23.78	1.00	22.63	<=38.45	Pass
			2	23.78	1.00	22.63	<=38.45	Pass
			5	23.79	1.00	22.64	<=38.45	Pass
		3	0	23.83	1.00	22.68	<=38.45	Pass
			2	23.78	1.00	22.63	<=38.45	Pass
			3	23.77	1.00	22.62	<=38.45	Pass
		6	0	22.65	1.00	21.50	<=38.45	Pass
64QAM	824.7	1	0	22.75	1.00	21.60	<=38.45	Pass
			2	22.80	1.00	21.65	<=38.45	Pass
			5	22.79	1.00	21.64	<=38.45	Pass
		3	0	22.55	1.00	21.40	<=38.45	Pass
			2	22.56	1.00	21.41	<=38.45	Pass
			3	22.55	1.00	21.40	<=38.45	Pass

		6	0	21.33	1.00	20.18	<=38.45	Pass
	836.5	1	0	23.00	1.00	21.85	<=38.45	Pass
			2	23.06	1.00	21.91	<=38.45	Pass
			5	23.07	1.00	21.92	<=38.45	Pass
			3	0	22.84	1.00	21.69	<=38.45
		2	22.83	1.00	21.68	<=38.45	Pass	
		3	22.85	1.00	21.70	<=38.45	Pass	
		6	0	21.60	1.00	20.45	<=38.45	Pass
	848.3	1	0	22.58	1.00	21.43	<=38.45	Pass
			2	22.54	1.00	21.39	<=38.45	Pass
			5	22.60	1.00	21.45	<=38.45	Pass
		3	0	22.70	1.00	21.55	<=38.45	Pass
			2	22.69	1.00	21.54	<=38.45	Pass
			3	22.64	1.00	21.49	<=38.45	Pass
		6	0	21.81	1.00	20.66	<=38.45	Pass
	256QAM	824.7	1	0	19.48	1.00	18.33	<=38.45
2				19.58	1.00	18.43	<=38.45	Pass
5				19.58	1.00	18.43	<=38.45	Pass
3			0	19.26	1.00	18.11	<=38.45	Pass
			2	19.29	1.00	18.14	<=38.45	Pass
			3	19.30	1.00	18.15	<=38.45	Pass
6			0	19.21	1.00	18.06	<=38.45	Pass
836.5		1	0	19.80	1.00	18.65	<=38.45	Pass
			2	19.89	1.00	18.74	<=38.45	Pass
			5	19.85	1.00	18.70	<=38.45	Pass
		3	0	19.55	1.00	18.40	<=38.45	Pass
			2	19.58	1.00	18.43	<=38.45	Pass
			3	19.56	1.00	18.41	<=38.45	Pass
		6	0	19.51	1.00	18.36	<=38.45	Pass
848.3		1	0	19.75	1.00	18.60	<=38.45	Pass
			2	19.80	1.00	18.65	<=38.45	Pass
			5	19.73	1.00	18.58	<=38.45	Pass
		3	0	19.70	1.00	18.55	<=38.45	Pass
			2	19.69	1.00	18.54	<=38.45	Pass
			3	19.67	1.00	18.52	<=38.45	Pass
		6	0	19.74	1.00	18.59	<=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	23.87	1.00	22.72	<=38.45	Pass
			7	23.92	1.00	22.77	<=38.45	Pass
			14	23.90	1.00	22.75	<=38.45	Pass
		8	0	23.41	1.00	22.26	<=38.45	Pass
			4	23.44	1.00	22.29	<=38.45	Pass
			7	23.45	1.00	22.30	<=38.45	Pass
		15	0	23.43	1.00	22.28	<=38.45	Pass
	836.5	1	0	23.21	1.00	22.06	<=38.45	Pass
			7	23.22	1.00	22.07	<=38.45	Pass
			14	23.22	1.00	22.07	<=38.45	Pass
		8	0	23.27	1.00	22.12	<=38.45	Pass
			4	23.26	1.00	22.11	<=38.45	Pass
			7	23.21	1.00	22.06	<=38.45	Pass
			0	23.21	1.00	22.06	<=38.45	Pass

	847.5	15	0	23.20	1.00	22.05	<=38.45	Pass
		1	0	23.79	1.00	22.64	<=38.45	Pass
			7	23.76	1.00	22.61	<=38.45	Pass
			14	23.79	1.00	22.64	<=38.45	Pass
		8	0	23.74	1.00	22.59	<=38.45	Pass
			4	23.80	1.00	22.65	<=38.45	Pass
			7	23.80	1.00	22.65	<=38.45	Pass
16QAM	825.5	15	0	23.81	1.00	22.66	<=38.45	Pass
		1	0	23.88	1.00	22.73	<=38.45	Pass
			7	24.03	1.00	22.88	<=38.45	Pass
			14	24.05	1.00	22.90	<=38.45	Pass
		8	0	22.66	1.00	21.51	<=38.45	Pass
			4	22.61	1.00	21.46	<=38.45	Pass
			7	22.63	1.00	21.48	<=38.45	Pass
	836.5	15	0	22.54	1.00	21.39	<=38.45	Pass
		1	0	23.27	1.00	22.12	<=38.45	Pass
			7	23.21	1.00	22.06	<=38.45	Pass
			14	23.26	1.00	22.11	<=38.45	Pass
		8	0	23.22	1.00	22.07	<=38.45	Pass
			4	23.22	1.00	22.07	<=38.45	Pass
			7	23.23	1.00	22.08	<=38.45	Pass
	847.5	15	0	23.26	1.00	22.11	<=38.45	Pass
		1	0	23.75	1.00	22.60	<=38.45	Pass
			7	23.76	1.00	22.61	<=38.45	Pass
			14	23.74	1.00	22.59	<=38.45	Pass
		8	0	23.74	1.00	22.59	<=38.45	Pass
			4	23.76	1.00	22.61	<=38.45	Pass
			7	23.75	1.00	22.60	<=38.45	Pass
64QAM	825.5	15	0	23.75	1.00	22.60	<=38.45	Pass
		1	0	22.63	1.00	21.48	<=38.45	Pass
			7	22.70	1.00	21.55	<=38.45	Pass
			14	22.67	1.00	21.52	<=38.45	Pass
		8	0	21.59	1.00	20.44	<=38.45	Pass
			4	21.56	1.00	20.41	<=38.45	Pass
			7	21.57	1.00	20.42	<=38.45	Pass
	836.5	15	0	21.48	1.00	20.33	<=38.45	Pass
		1	0	23.27	1.00	22.12	<=38.45	Pass
			7	23.26	1.00	22.11	<=38.45	Pass
			14	23.26	1.00	22.11	<=38.45	Pass
		8	0	23.21	1.00	22.06	<=38.45	Pass
			4	23.26	1.00	22.11	<=38.45	Pass
			7	23.26	1.00	22.11	<=38.45	Pass
	847.5	15	0	23.21	1.00	22.06	<=38.45	Pass
		1	0	23.74	1.00	22.59	<=38.45	Pass
			7	23.75	1.00	22.60	<=38.45	Pass
			14	23.77	1.00	22.62	<=38.45	Pass
		8	0	23.76	1.00	22.61	<=38.45	Pass
			4	23.75	1.00	22.60	<=38.45	Pass
			7	23.76	1.00	22.61	<=38.45	Pass
256QAM	825.5	15	0	23.76	1.00	22.61	<=38.45	Pass
		1	0	19.71	1.00	18.56	<=38.45	Pass
			7	19.81	1.00	18.66	<=38.45	Pass
			14	19.85	1.00	18.70	<=38.45	Pass
		8	0	19.52	1.00	18.37	<=38.45	Pass
			4	19.50	1.00	18.35	<=38.45	Pass
			7	19.52	1.00	18.37	<=38.45	Pass
	836.5	15	0	19.46	1.00	18.31	<=38.45	Pass
		1	0	19.99	1.00	18.84	<=38.45	Pass
			0					

	847.5	8	7	20.05	1.00	18.90	<=38.45	Pass
			14	20.08	1.00	18.93	<=38.45	Pass
			0	19.76	1.00	18.61	<=38.45	Pass
			4	19.74	1.00	18.59	<=38.45	Pass
			7	19.76	1.00	18.61	<=38.45	Pass
		15	0	19.70	1.00	18.55	<=38.45	Pass
		1	0	20.32	1.00	19.17	<=38.45	Pass
			7	20.12	1.00	18.97	<=38.45	Pass
			14	20.12	1.00	18.97	<=38.45	Pass
		8	0	20.09	1.00	18.94	<=38.45	Pass
			4	19.87	1.00	18.72	<=38.45	Pass
			7	19.79	1.00	18.64	<=38.45	Pass
		15	0	19.76	1.00	18.61	<=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	23.58	1.00	22.43	<=38.45	Pass
			13	23.58	1.00	22.43	<=38.45	Pass
			24	23.59	1.00	22.44	<=38.45	Pass
		12	0	23.58	1.00	22.43	<=38.45	Pass
			6	23.59	1.00	22.44	<=38.45	Pass
			13	23.59	1.00	22.44	<=38.45	Pass
		25	0	23.57	1.00	22.42	<=38.45	Pass
	836.5	1	0	22.62	1.00	21.47	<=38.45	Pass
			13	22.62	1.00	21.47	<=38.45	Pass
			24	22.63	1.00	21.48	<=38.45	Pass
		12	0	22.60	1.00	21.45	<=38.45	Pass
			6	22.60	1.00	21.45	<=38.45	Pass
			13	22.60	1.00	21.45	<=38.45	Pass
		25	0	22.61	1.00	21.46	<=38.45	Pass
	846.5	1	0	24.43	1.00	23.28	<=38.45	Pass
			13	24.34	1.00	23.19	<=38.45	Pass
			24	24.39	1.00	23.24	<=38.45	Pass
		12	0	23.74	1.00	22.59	<=38.45	Pass
			6	23.77	1.00	22.62	<=38.45	Pass
			13	23.65	1.00	22.50	<=38.45	Pass
		25	0	23.70	1.00	22.55	<=38.45	Pass
16QAM	826.5	1	0	23.60	1.00	22.45	<=38.45	Pass
			13	23.60	1.00	22.45	<=38.45	Pass
			24	23.59	1.00	22.44	<=38.45	Pass
		12	0	23.59	1.00	22.44	<=38.45	Pass
			6	23.60	1.00	22.45	<=38.45	Pass
			13	23.59	1.00	22.44	<=38.45	Pass
		25	0	23.59	1.00	22.44	<=38.45	Pass
	836.5	1	0	22.61	1.00	21.46	<=38.45	Pass
			13	22.63	1.00	21.48	<=38.45	Pass
			24	22.64	1.00	21.49	<=38.45	Pass
		12	0	22.62	1.00	21.47	<=38.45	Pass
			6	22.62	1.00	21.47	<=38.45	Pass
			13	22.64	1.00	21.49	<=38.45	Pass
		25	0	22.63	1.00	21.48	<=38.45	Pass
	846.5	1	0	23.67	1.00	22.52	<=38.45	Pass

			13	23.67	1.00	22.52	<=38.45	Pass		
			24	23.63	1.00	22.48	<=38.45	Pass		
			0	22.77	1.00	21.62	<=38.45	Pass		
		12	6	22.80	1.00	21.65	<=38.45	Pass		
			13	22.61	1.00	21.46	<=38.45	Pass		
			25	0	22.72	1.00	21.57	<=38.45	Pass	
64QAM	826.5	1	0	23.58	1.00	22.43	<=38.45	Pass		
			13	23.59	1.00	22.44	<=38.45	Pass		
			24	23.59	1.00	22.44	<=38.45	Pass		
		12	0	23.59	1.00	22.44	<=38.45	Pass		
			6	23.59	1.00	22.44	<=38.45	Pass		
			13	23.60	1.00	22.45	<=38.45	Pass		
		25	0	23.58	1.00	22.43	<=38.45	Pass		
		836.5	1	0	22.63	1.00	21.48	<=38.45	Pass	
				13	22.61	1.00	21.46	<=38.45	Pass	
	24			22.63	1.00	21.48	<=38.45	Pass		
	12		0	22.64	1.00	21.49	<=38.45	Pass		
			6	22.63	1.00	21.48	<=38.45	Pass		
			13	22.60	1.00	21.45	<=38.45	Pass		
	25		0	22.63	1.00	21.48	<=38.45	Pass		
	846.5		1	0	22.75	1.00	21.60	<=38.45	Pass	
				13	22.76	1.00	21.61	<=38.45	Pass	
		24		22.71	1.00	21.56	<=38.45	Pass		
		12	0	21.69	1.00	20.54	<=38.45	Pass		
			6	21.72	1.00	20.57	<=38.45	Pass		
			13	21.54	1.00	20.39	<=38.45	Pass		
		25	0	21.70	1.00	20.55	<=38.45	Pass		
		256QAM	826.5	1	0	19.25	1.00	18.10	<=38.45	Pass
					13	19.39	1.00	18.24	<=38.45	Pass
	24				19.46	1.00	18.31	<=38.45	Pass	
	12			0	19.52	1.00	18.37	<=38.45	Pass	
				6	19.48	1.00	18.33	<=38.45	Pass	
				13	19.49	1.00	18.34	<=38.45	Pass	
	25			0	19.45	1.00	18.30	<=38.45	Pass	
	836.5			1	0	19.23	1.00	18.08	<=38.45	Pass
					13	19.37	1.00	18.22	<=38.45	Pass
24			19.42		1.00	18.27	<=38.45	Pass		
12			0	19.48	1.00	18.33	<=38.45	Pass		
			6	19.66	1.00	18.51	<=38.45	Pass		
			13	19.71	1.00	18.56	<=38.45	Pass		
25			0	19.61	1.00	18.46	<=38.45	Pass		
846.5			1	0	19.46	1.00	18.31	<=38.45	Pass	
				13	19.47	1.00	18.32	<=38.45	Pass	
	24			19.44	1.00	18.29	<=38.45	Pass		
	12		0	19.73	1.00	18.58	<=38.45	Pass		
			6	19.75	1.00	18.60	<=38.45	Pass		
			13	19.63	1.00	18.48	<=38.45	Pass		
	25		0	19.70	1.00	18.55	<=38.45	Pass		
	Note1: ERP=Conducted Power+Antenna Gain-2.15									

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.90	1.00	22.75	<=38.45	Pass

			25	24.01	1.00	22.86	<=38.45	Pass	
			49	24.09	1.00	22.94	<=38.45	Pass	
			25	0	23.64	1.00	22.49	<=38.45	Pass
				13	23.55	1.00	22.40	<=38.45	Pass
				25	23.78	1.00	22.63	<=38.45	Pass
		50	0	23.72	1.00	22.57	<=38.45	Pass	
		836.5	1	0	22.38	1.00	21.23	<=38.45	Pass
				25	22.38	1.00	21.23	<=38.45	Pass
				49	22.37	1.00	21.22	<=38.45	Pass
			25	0	22.38	1.00	21.23	<=38.45	Pass
	13			22.38	1.00	21.23	<=38.45	Pass	
	25			22.46	1.00	21.31	<=38.45	Pass	
	50	0	22.47	1.00	21.32	<=38.45	Pass		
	844	1	0	24.30	1.00	23.15	<=38.45	Pass	
			25	24.26	1.00	23.11	<=38.45	Pass	
			49	24.25	1.00	23.10	<=38.45	Pass	
		25	0	23.77	1.00	22.62	<=38.45	Pass	
			13	23.78	1.00	22.63	<=38.45	Pass	
			25	23.69	1.00	22.54	<=38.45	Pass	
		50	0	23.72	1.00	22.57	<=38.45	Pass	
16QAM		829	1	0	23.57	1.00	22.42	<=38.45	Pass
				25	23.73	1.00	22.58	<=38.45	Pass
	49			23.78	1.00	22.63	<=38.45	Pass	
	25		0	22.60	1.00	21.45	<=38.45	Pass	
			13	22.56	1.00	21.41	<=38.45	Pass	
			25	22.80	1.00	21.65	<=38.45	Pass	
	50		0	22.68	1.00	21.53	<=38.45	Pass	
	836.5		1	0	22.47	1.00	21.32	<=38.45	Pass
				25	22.47	1.00	21.32	<=38.45	Pass
		49		22.46	1.00	21.31	<=38.45	Pass	
25		0	22.47	1.00	21.32	<=38.45	Pass		
		13	22.46	1.00	21.31	<=38.45	Pass		
		25	22.46	1.00	21.31	<=38.45	Pass		
50	0	22.47	1.00	21.32	<=38.45	Pass			
844	1	0	24.28	1.00	23.13	<=38.45	Pass		
		25	24.36	1.00	23.21	<=38.45	Pass		
		49	24.25	1.00	23.10	<=38.45	Pass		
	25	0	22.79	1.00	21.64	<=38.45	Pass		
		13	22.83	1.00	21.68	<=38.45	Pass		
		25	22.76	1.00	21.61	<=38.45	Pass		
50	0	22.73	1.00	21.58	<=38.45	Pass			
64QAM	829	1	0	22.46	1.00	21.31	<=38.45	Pass	
			25	22.63	1.00	21.48	<=38.45	Pass	
			49	22.72	1.00	21.57	<=38.45	Pass	
		25	0	21.67	1.00	20.52	<=38.45	Pass	
			13	21.61	1.00	20.46	<=38.45	Pass	
			25	21.83	1.00	20.68	<=38.45	Pass	
		50	0	21.71	1.00	20.56	<=38.45	Pass	
		836.5	1	0	22.45	1.00	21.30	<=38.45	Pass
				25	22.42	1.00	21.27	<=38.45	Pass
	49			22.38	1.00	21.23	<=38.45	Pass	
	25		0	22.38	1.00	21.23	<=38.45	Pass	
			13	22.39	1.00	21.24	<=38.45	Pass	
			25	22.39	1.00	21.24	<=38.45	Pass	
	50	0	22.38	1.00	21.23	<=38.45	Pass		
	844	1	0	22.94	1.00	21.79	<=38.45	Pass	
25			22.97	1.00	21.82	<=38.45	Pass		
49			22.95	1.00	21.80	<=38.45	Pass		

		25	0	21.76	1.00	20.61	<=38.45	Pass		
			13	21.77	1.00	20.62	<=38.45	Pass		
			25	21.72	1.00	20.57	<=38.45	Pass		
		50	0	21.71	1.00	20.56	<=38.45	Pass		
256QAM	829	1	0	19.16	1.00	18.01	<=38.45	Pass		
			25	19.32	1.00	18.17	<=38.45	Pass		
			49	19.39	1.00	18.24	<=38.45	Pass		
		25	0	19.59	1.00	18.44	<=38.45	Pass		
			13	19.55	1.00	18.40	<=38.45	Pass		
			25	19.78	1.00	18.63	<=38.45	Pass		
		50	0	19.63	1.00	18.48	<=38.45	Pass		
		836.5	1	0	19.69	1.00	18.54	<=38.45	Pass	
				25	19.72	1.00	18.57	<=38.45	Pass	
	49			19.85	1.00	18.70	<=38.45	Pass		
	25		0	19.62	1.00	18.47	<=38.45	Pass		
			13	19.70	1.00	18.55	<=38.45	Pass		
			25	19.57	1.00	18.42	<=38.45	Pass		
	50		0	19.55	1.00	18.40	<=38.45	Pass		
	844		1	0	20.09	1.00	18.94	<=38.45	Pass	
				25	20.11	1.00	18.96	<=38.45	Pass	
		49		20.09	1.00	18.94	<=38.45	Pass		
		25	0	19.76	1.00	18.61	<=38.45	Pass		
			13	19.77	1.00	18.62	<=38.45	Pass		
			25	19.71	1.00	18.56	<=38.45	Pass		
		50	0	19.72	1.00	18.57	<=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	836.5	6	0	20	3.27	-14.878	-0.0178	-2.5 to 2.5	Pass
					3.85	-1.818	-0.0022	-2.5 to 2.5	Pass
					4.43	-3.863	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-2.872	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-4.933	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-3.110	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-7.290	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-2.069	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-2.462	-0.0029	-2.5 to 2.5	Pass
				40	3.85	0.467	0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.178	-0.0002	-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	836.5	15	0	20	3.27	-10.902	-0.0130	-2.5 to 2.5	Pass

					3.85	-0.132	-0.0002	-2.5 to 2.5	Pass
					4.43	-1.760	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-2.282	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-4.187	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-0.822	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-3.567	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-0.894	-0.0011	-2.5 to 2.5	Pass
				30	3.85	0.044	0.0001	-2.5 to 2.5	Pass
				40	3.85	1.575	0.0019	-2.5 to 2.5	Pass
				50	3.85	-2.503	-0.0030	-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	836.5	25	0	20	3.27	-12.850	-0.0154	-2.5 to 2.5	Pass
					3.85	-6.521	-0.0078	-2.5 to 2.5	Pass
					4.43	-4.843	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-6.780	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	-6.508	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	0.723	0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.997	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-3.408	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-4.021	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-2.182	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-3.784	-0.0045	-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	836.5	50	0	20	3.27	-11.269	-0.0135	-2.5 to 2.5	Pass
					3.85	-3.673	-0.0044	-2.5 to 2.5	Pass
					4.43	-3.224	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-1.910	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-3.087	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-4.863	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-0.491	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-4.798	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-2.698	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-3.646	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-1.850	-0.0022	-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	1.128	/	Pass
		836.5	6	0	1.127	/	Pass
		848.3	6	0	1.116	/	Pass
	16QAM	824.7	6	0	1.116	/	Pass
		836.5	6	0	1.113	/	Pass
		848.3	6	0	1.124	/	Pass
	64QAM	824.7	6	0	1.111	/	Pass
		836.5	6	0	1.115	/	Pass
		848.3	6	0	1.111	/	Pass
	256QAM	824.7	6	0	1.119	/	Pass
		836.5	6	0	1.115	/	Pass
		848.3	6	0	1.105	/	Pass
3	QPSK	825.5	15	0	2.746	/	Pass
		836.5	15	0	2.755	/	Pass
		847.5	15	0	2.746	/	Pass
	16QAM	825.5	15	0	2.751	/	Pass
		836.5	15	0	2.752	/	Pass
		847.5	15	0	2.747	/	Pass
	64QAM	825.5	15	0	2.746	/	Pass
		836.5	15	0	2.736	/	Pass
		847.5	15	0	2.750	/	Pass
	256QAM	825.5	15	0	2.735	/	Pass
		836.5	15	0	2.731	/	Pass
		847.5	15	0	2.730	/	Pass
5	QPSK	826.5	25	0	4.551	/	Pass
		836.5	25	0	4.544	/	Pass
		846.5	25	0	4.558	/	Pass
	16QAM	826.5	25	0	4.560	/	Pass
		836.5	25	0	4.548	/	Pass
		846.5	25	0	4.554	/	Pass
	64QAM	826.5	25	0	4.553	/	Pass
		836.5	25	0	4.546	/	Pass
		846.5	25	0	4.566	/	Pass
	256QAM	826.5	25	0	4.546	/	Pass
		836.5	25	0	4.552	/	Pass
		846.5	25	0	4.538	/	Pass
10	QPSK	829	50	0	9.101	/	Pass
		836.5	50	0	9.072	/	Pass
		844	50	0	9.099	/	Pass
	16QAM	829	50	0	9.074	/	Pass
		836.5	50	0	9.061	/	Pass
		844	50	0	9.107	/	Pass
	64QAM	829	50	0	9.061	/	Pass
		836.5	50	0	9.041	/	Pass
		844	50	0	9.045	/	Pass
	256QAM	829	50	0	9.092	/	Pass
		836.5	50	0	9.047	/	Pass
		844	50	0	9.052	/	Pass

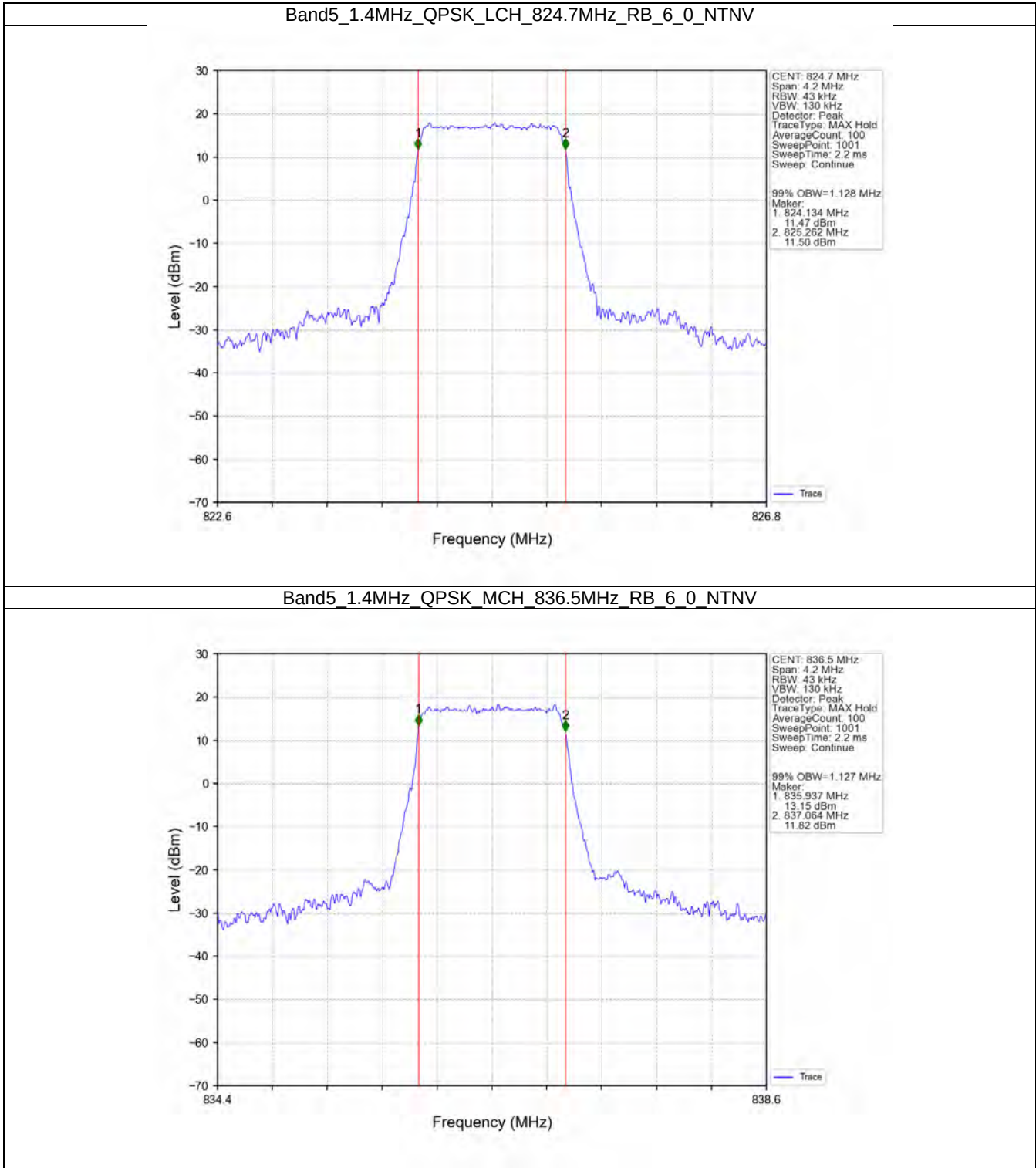
3.1.2 Band5_XDB

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	

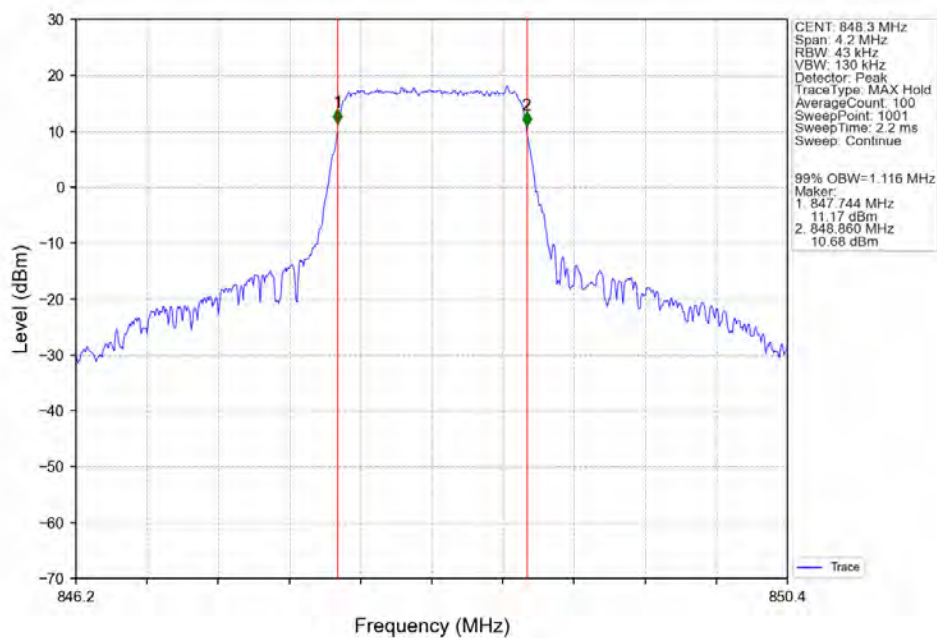
1.4	QPSK	824.7	6	0	1.329	/	Pass
		836.5	6	0	1.332	/	Pass
		848.3	6	0	1.344	/	Pass
	16QAM	824.7	6	0	1.348	/	Pass
		836.5	6	0	1.352	/	Pass
		848.3	6	0	1.350	/	Pass
	64QAM	824.7	6	0	1.325	/	Pass
		836.5	6	0	1.326	/	Pass
		848.3	6	0	1.318	/	Pass
	256QAM	824.7	6	0	1.332	/	Pass
		836.5	6	0	1.332	/	Pass
		848.3	6	0	1.328	/	Pass
3	QPSK	825.5	15	0	3.029	/	Pass
		836.5	15	0	3.029	/	Pass
		847.5	15	0	3.040	/	Pass
	16QAM	825.5	15	0	3.048	/	Pass
		836.5	15	0	3.024	/	Pass
		847.5	15	0	3.033	/	Pass
	64QAM	825.5	15	0	3.023	/	Pass
		836.5	15	0	3.028	/	Pass
		847.5	15	0	3.021	/	Pass
	256QAM	825.5	15	0	3.002	/	Pass
		836.5	15	0	3.025	/	Pass
		847.5	15	0	3.035	/	Pass
5	QPSK	826.5	25	0	5.074	/	Pass
		836.5	25	0	5.080	/	Pass
		846.5	25	0	5.089	/	Pass
	16QAM	826.5	25	0	5.090	/	Pass
		836.5	25	0	5.091	/	Pass
		846.5	25	0	5.076	/	Pass
	64QAM	826.5	25	0	5.024	/	Pass
		836.5	25	0	5.127	/	Pass
		846.5	25	0	5.085	/	Pass
	256QAM	826.5	25	0	5.018	/	Pass
		836.5	25	0	5.071	/	Pass
		846.5	25	0	5.067	/	Pass
10	QPSK	829	50	0	10.041	/	Pass
		836.5	50	0	10.054	/	Pass
		844	50	0	10.093	/	Pass
	16QAM	829	50	0	9.983	/	Pass
		836.5	50	0	9.967	/	Pass
		844	50	0	9.923	/	Pass
	64QAM	829	50	0	9.954	/	Pass
		836.5	50	0	10.001	/	Pass
		844	50	0	9.936	/	Pass
	256QAM	829	50	0	9.998	/	Pass
		836.5	50	0	9.984	/	Pass
		844	50	0	9.855	/	Pass

3.2 Test Graph

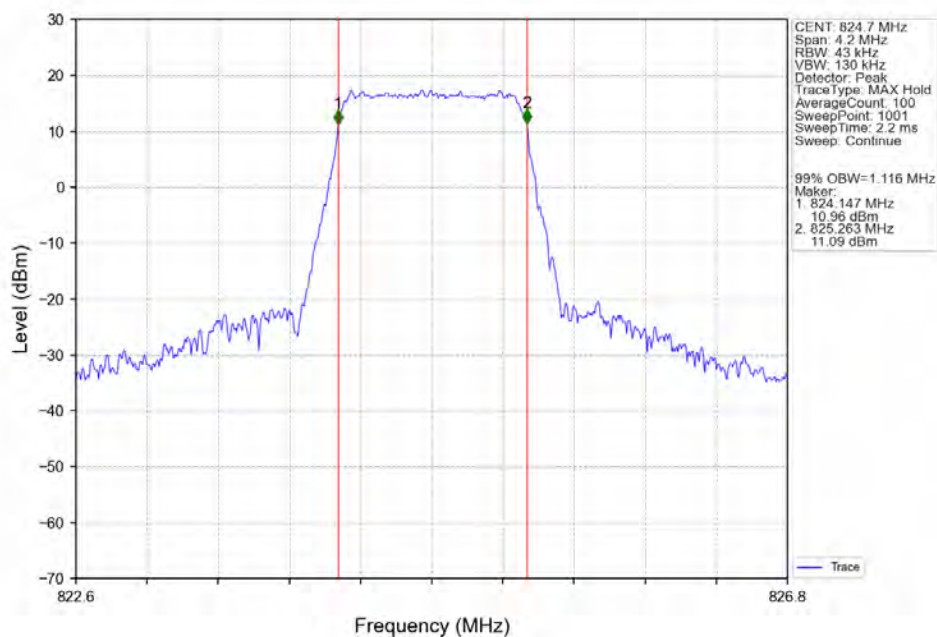
3.2.1 Band5_OBW



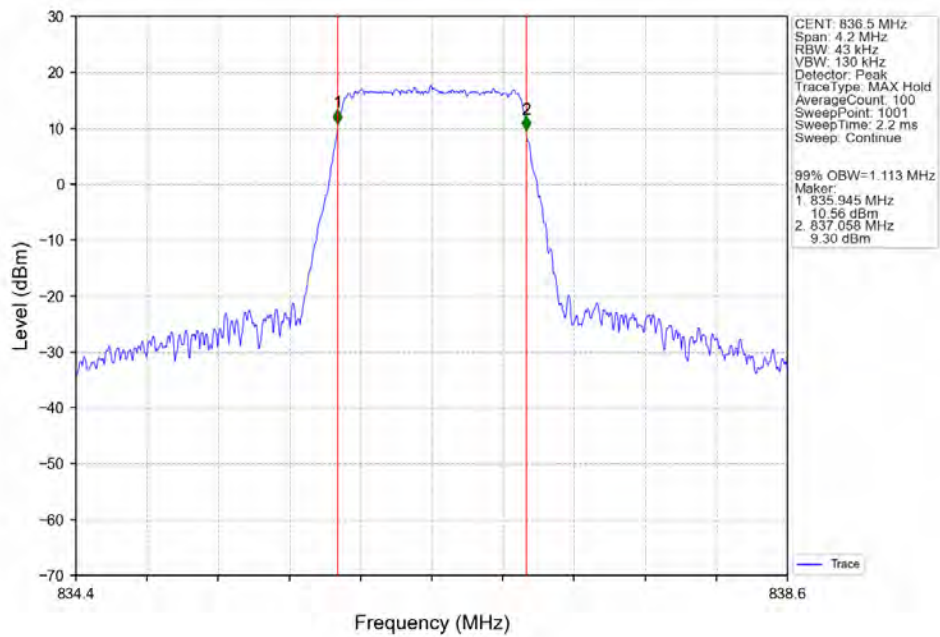
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



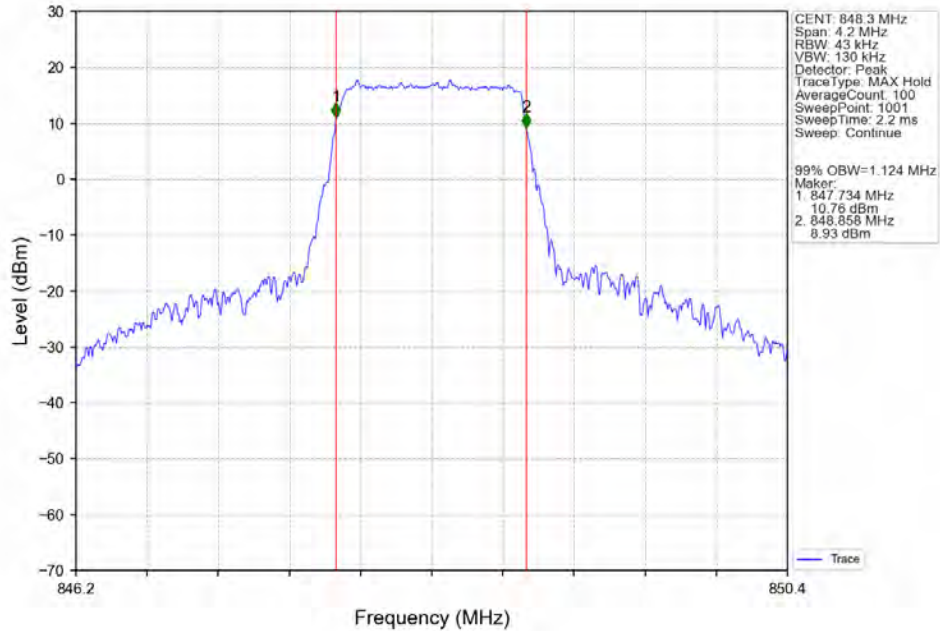
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



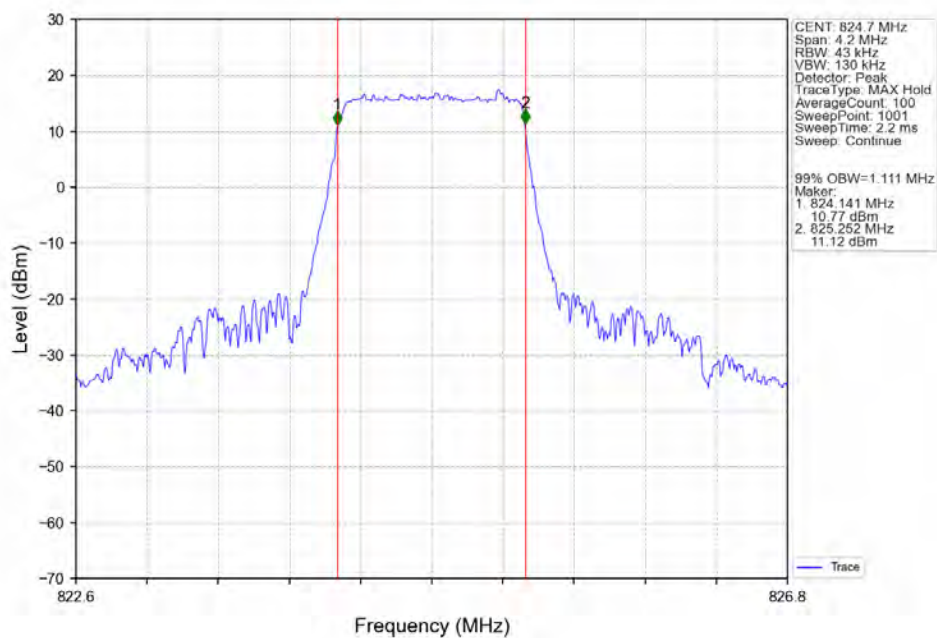
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



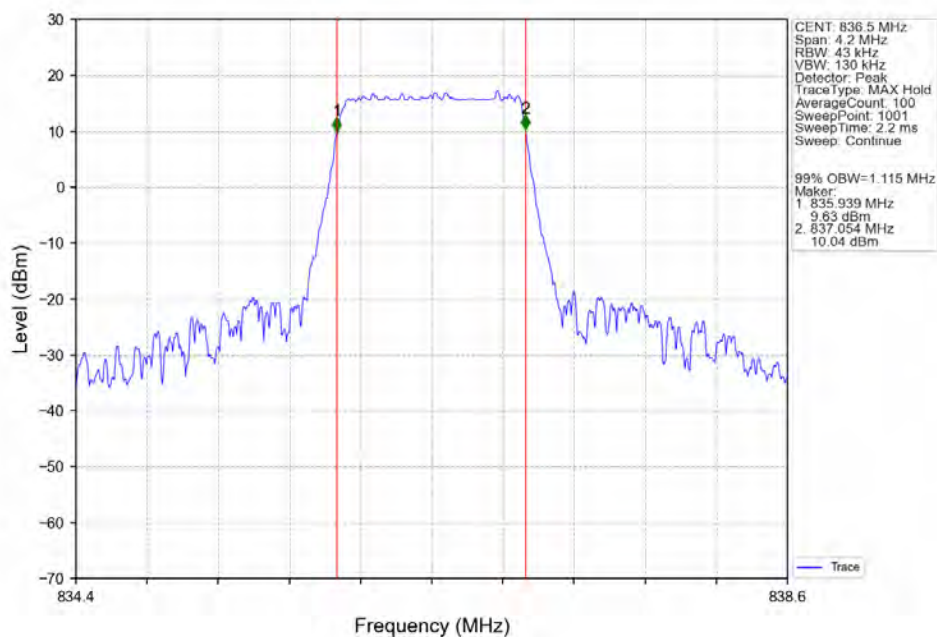
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



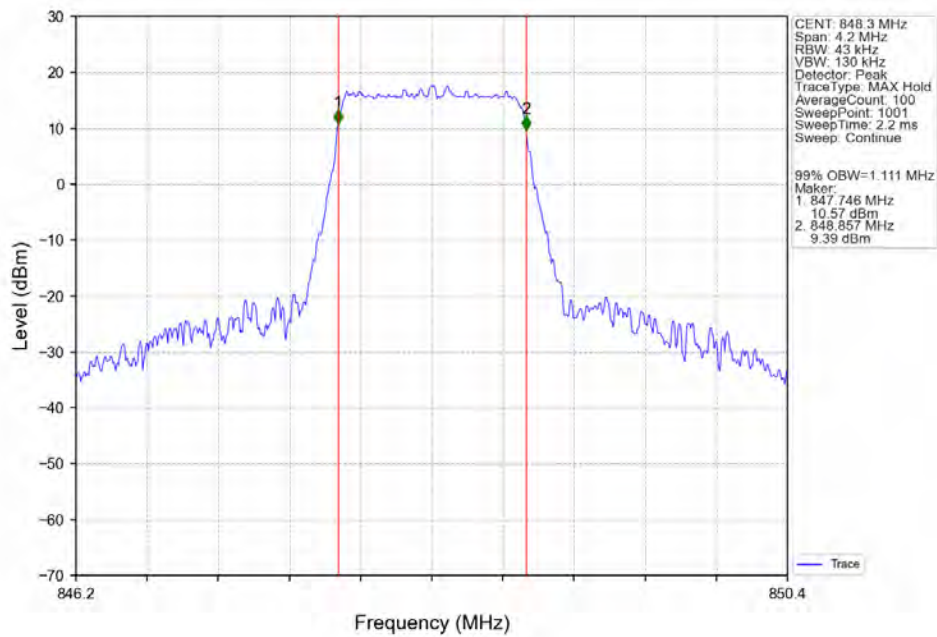
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



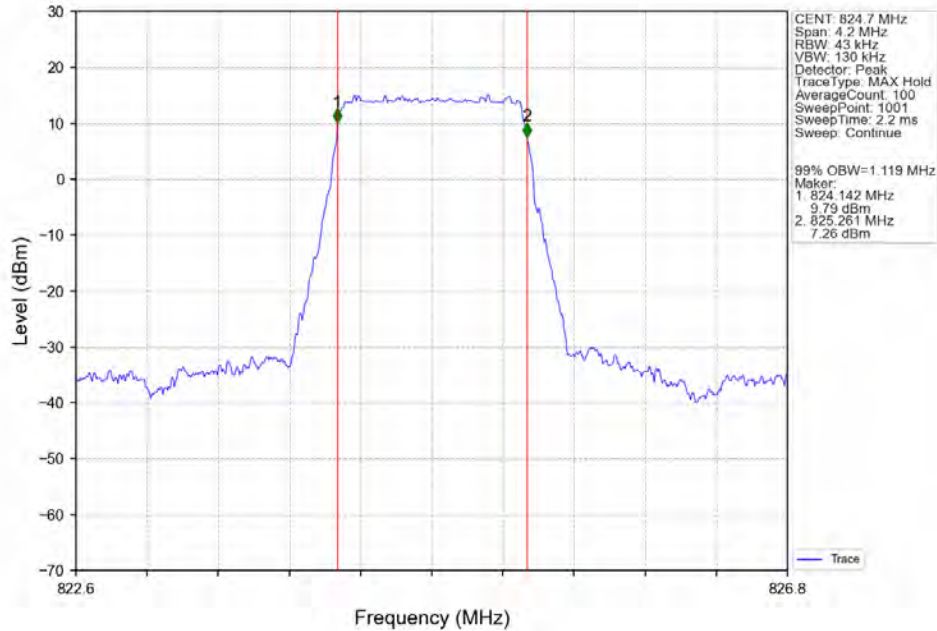
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



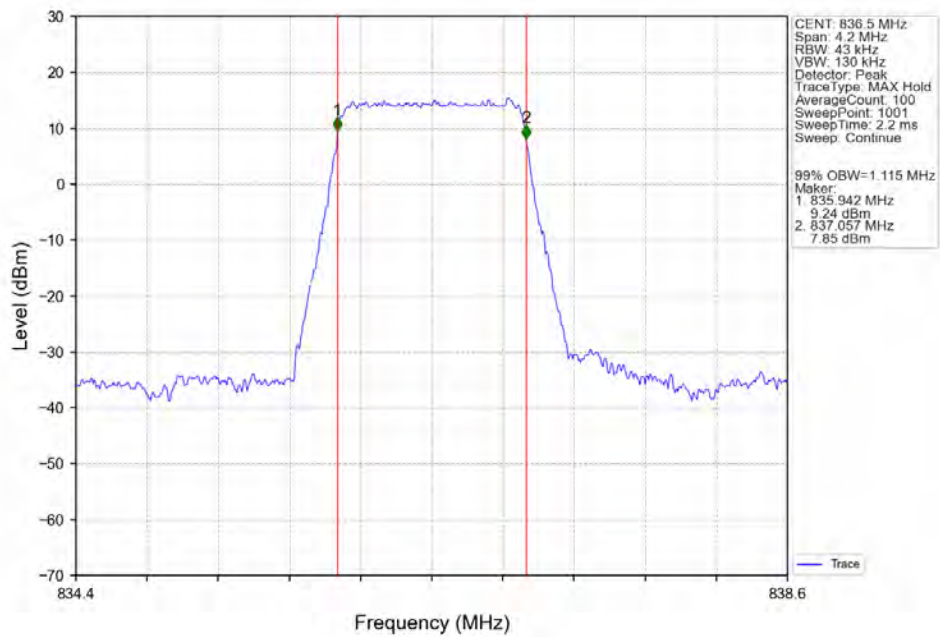
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



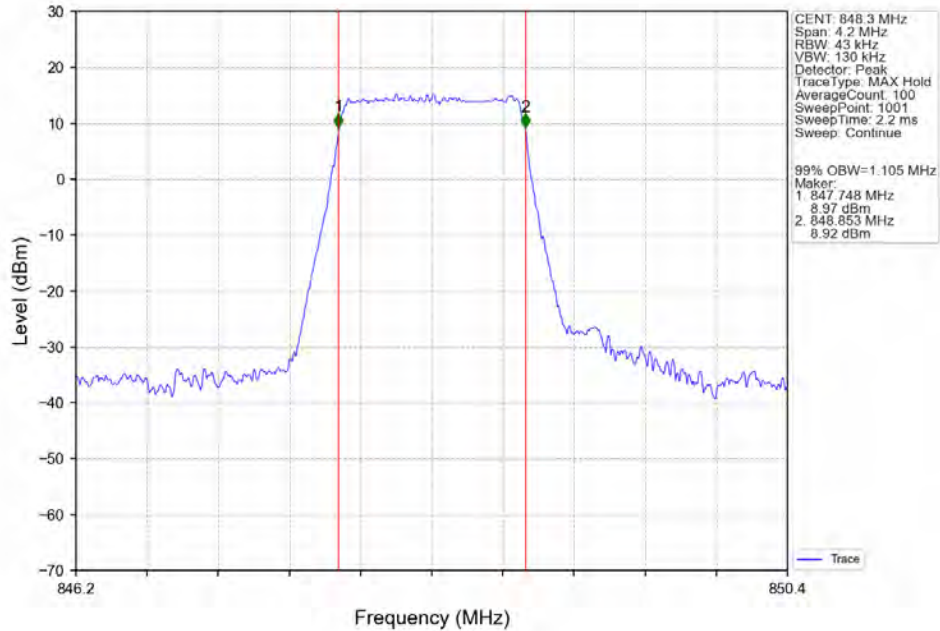
Band5_1.4MHz_256QAM_LCH_824.7MHz_RB_6_0_NTNV



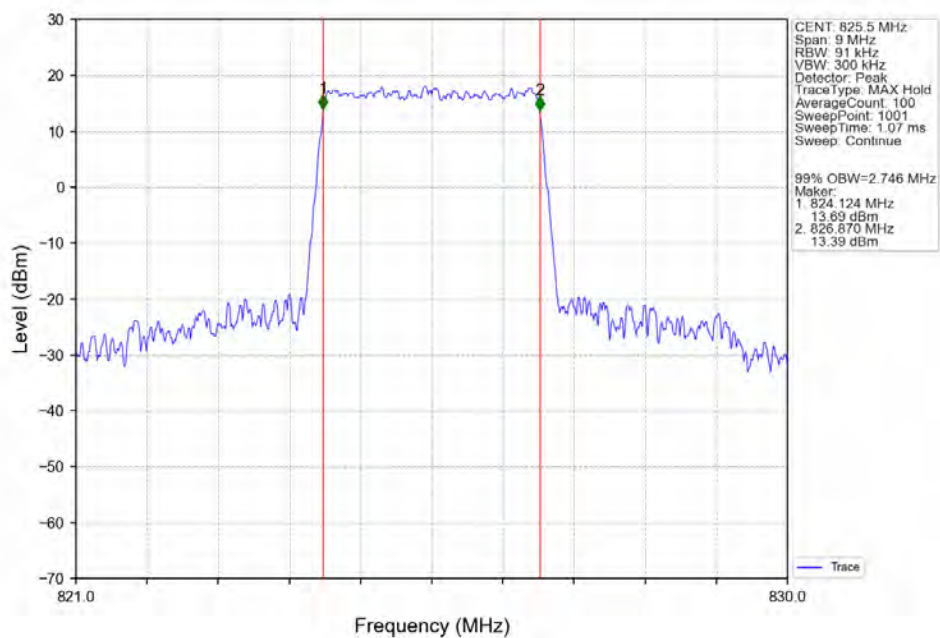
Band5_1.4MHz_256QAM_MCH_836.5MHz_RB_6_0_NTNV



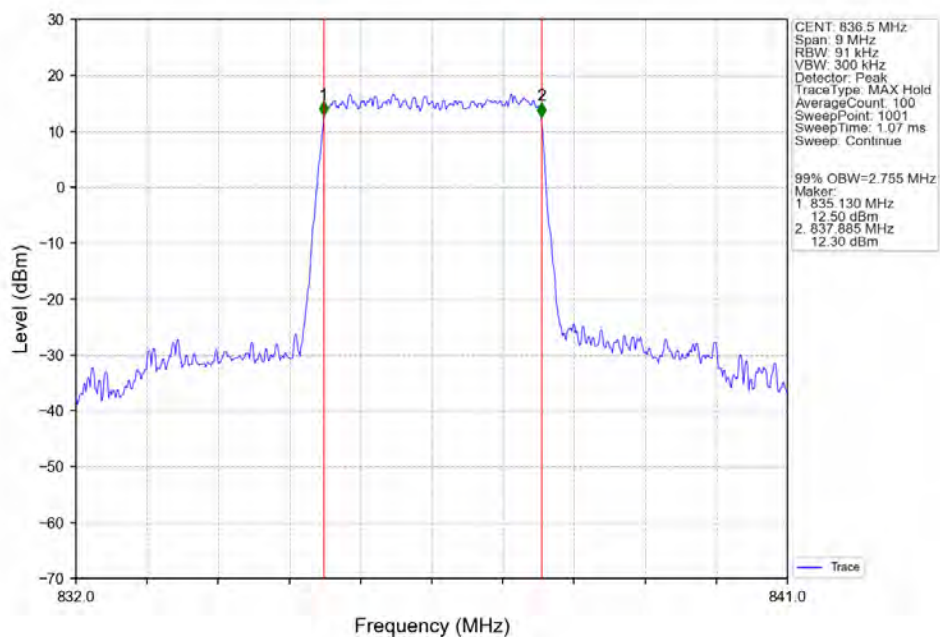
Band5_1.4MHz_256QAM_HCH_848.3MHz_RB_6_0_NTNV



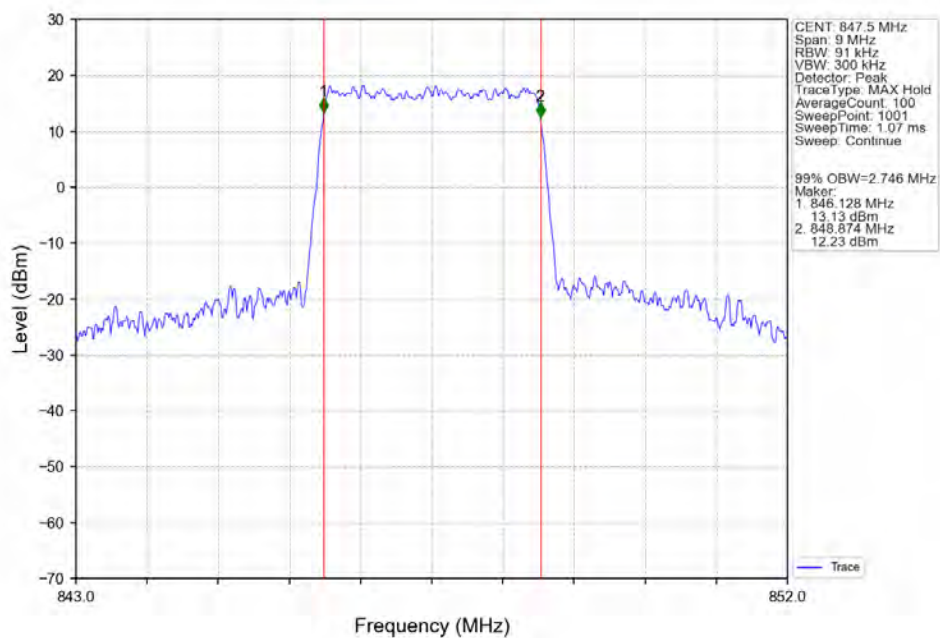
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



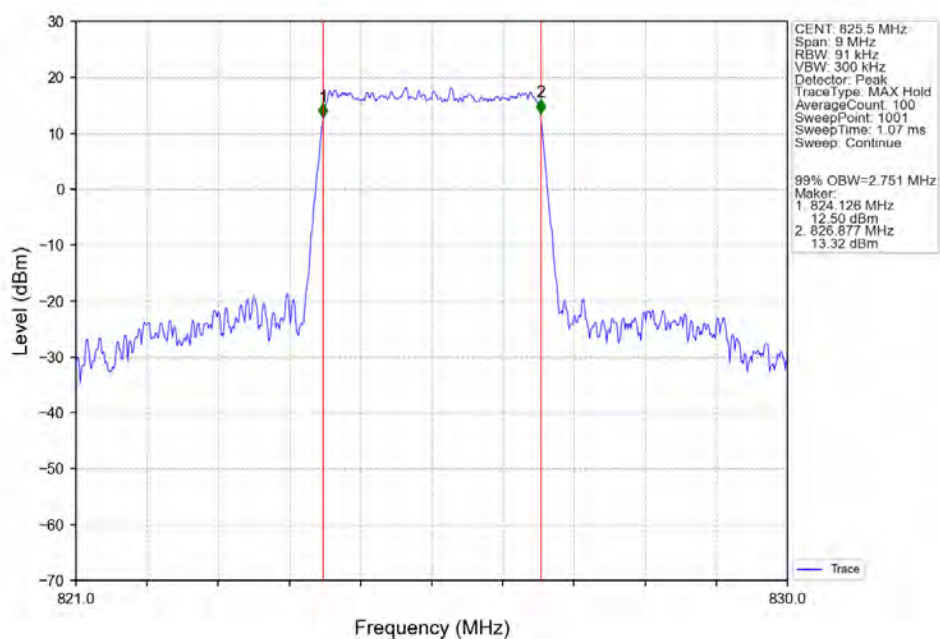
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



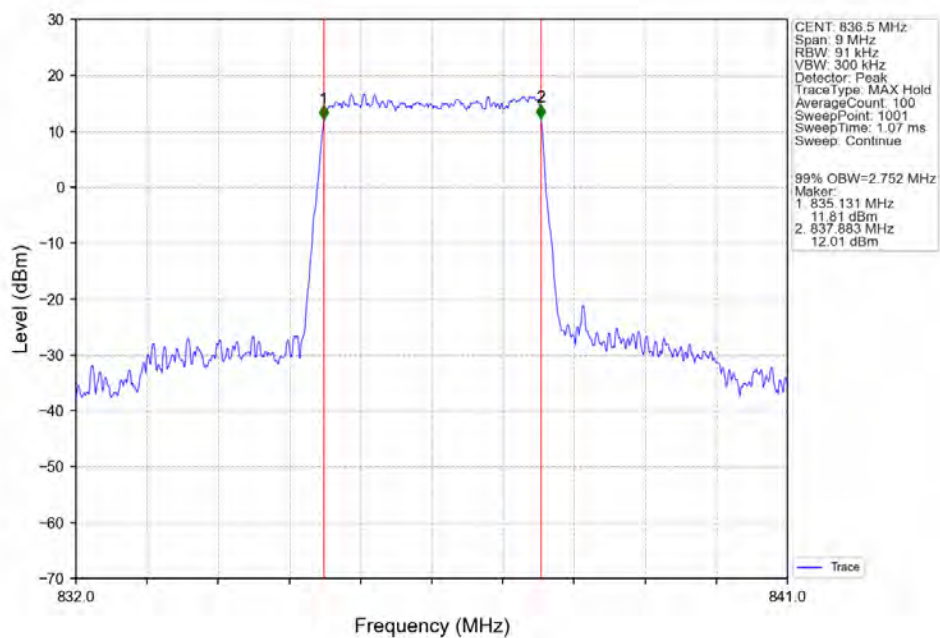
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



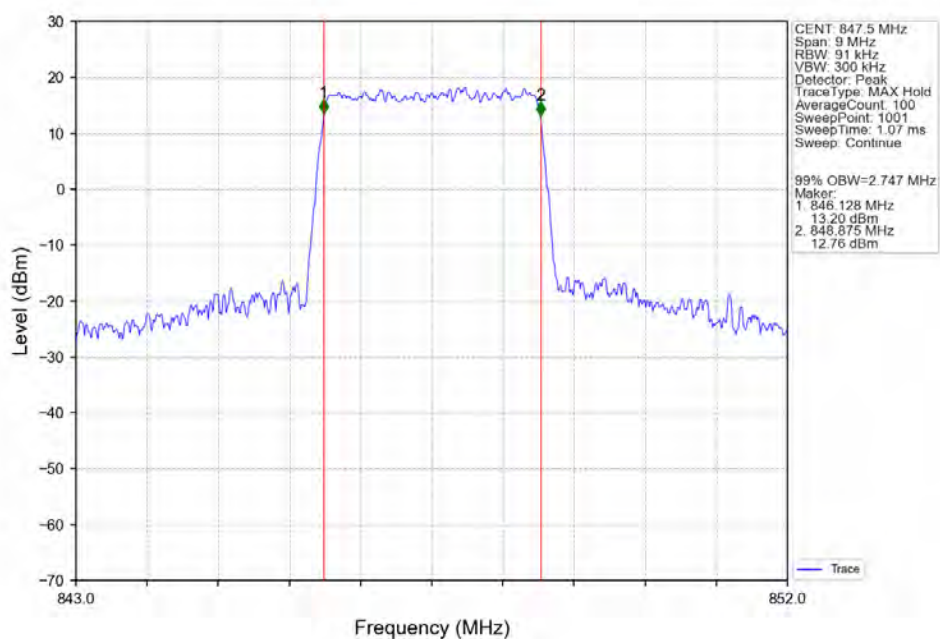
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



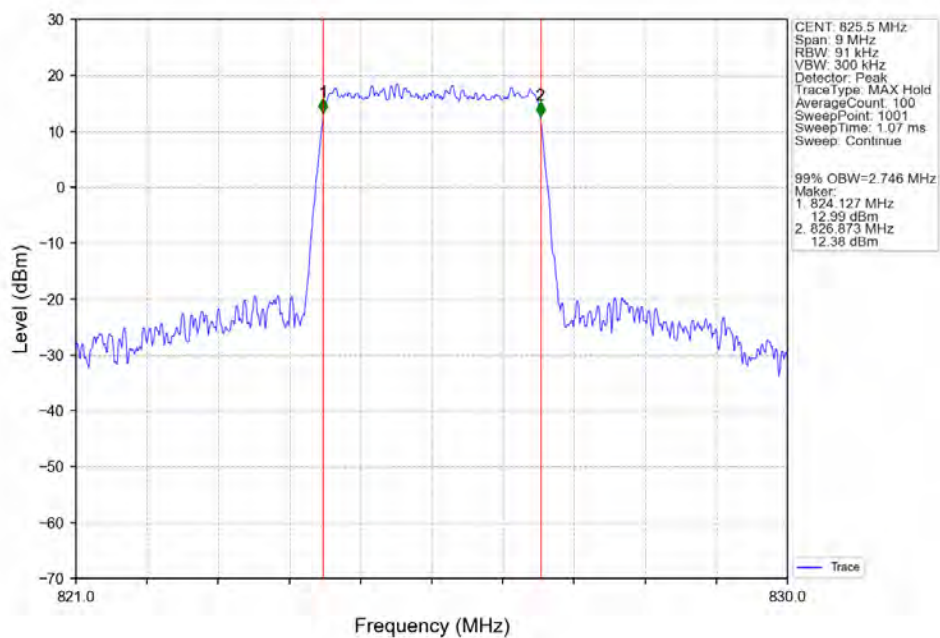
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



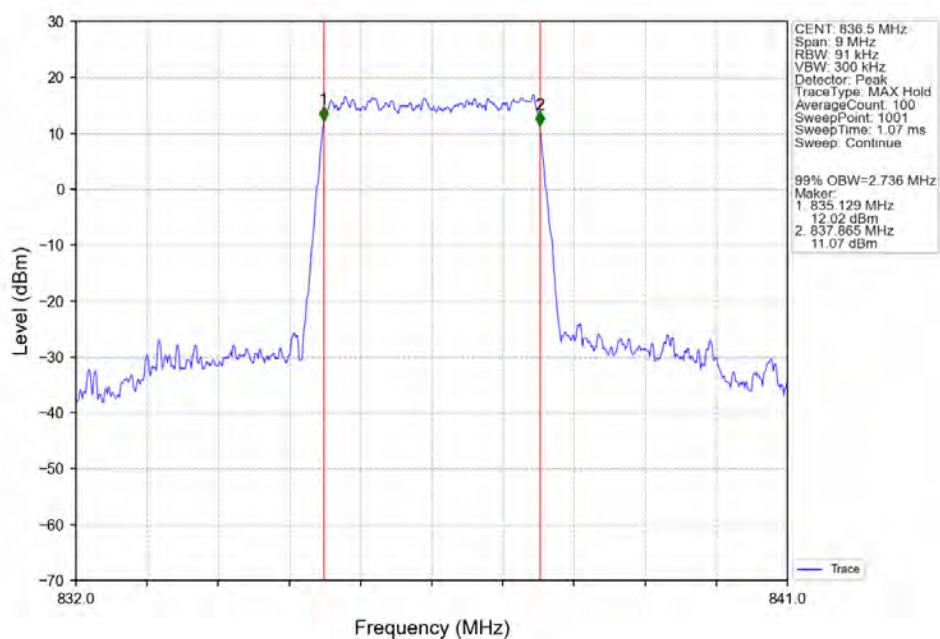
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



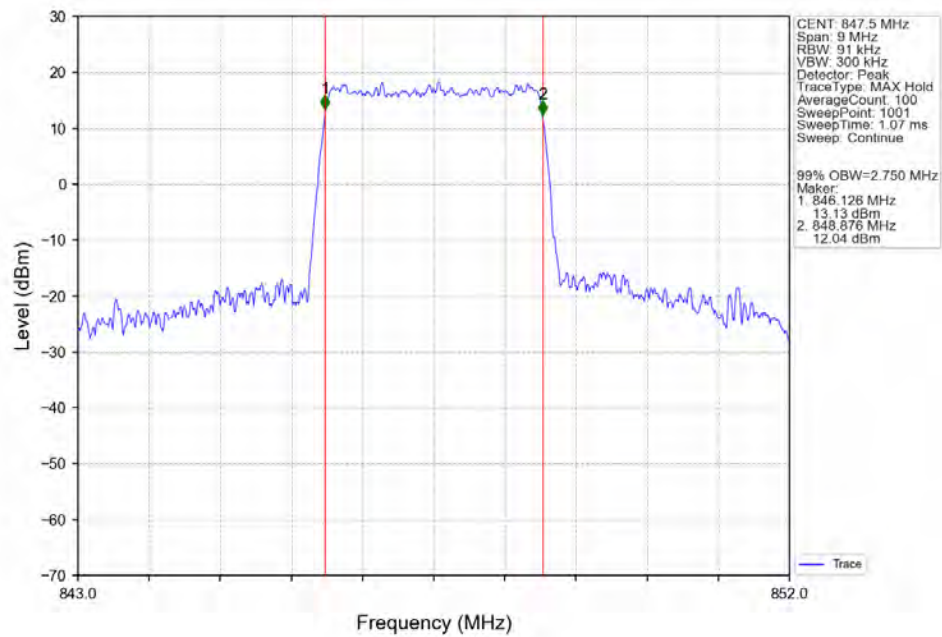
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



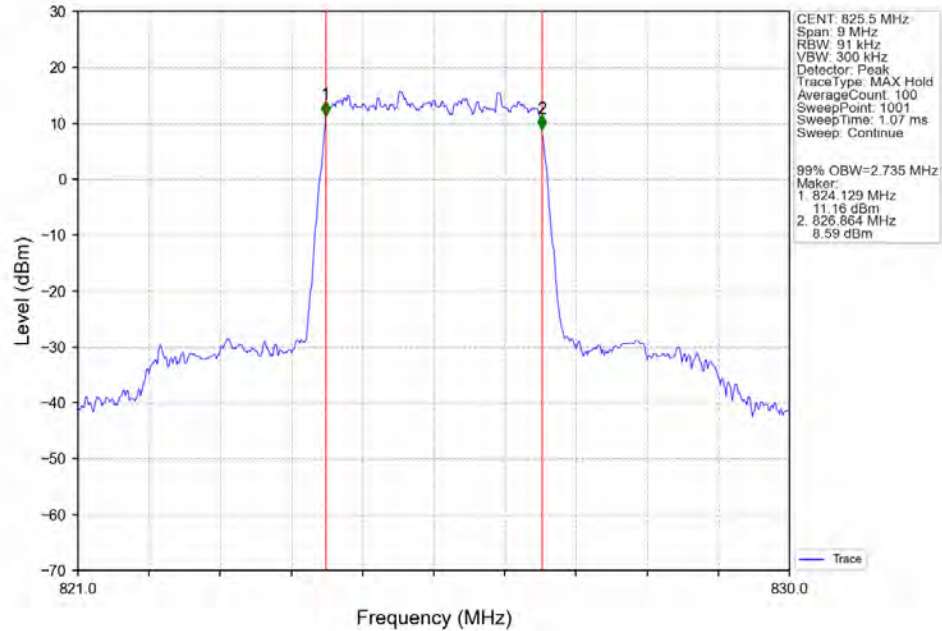
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



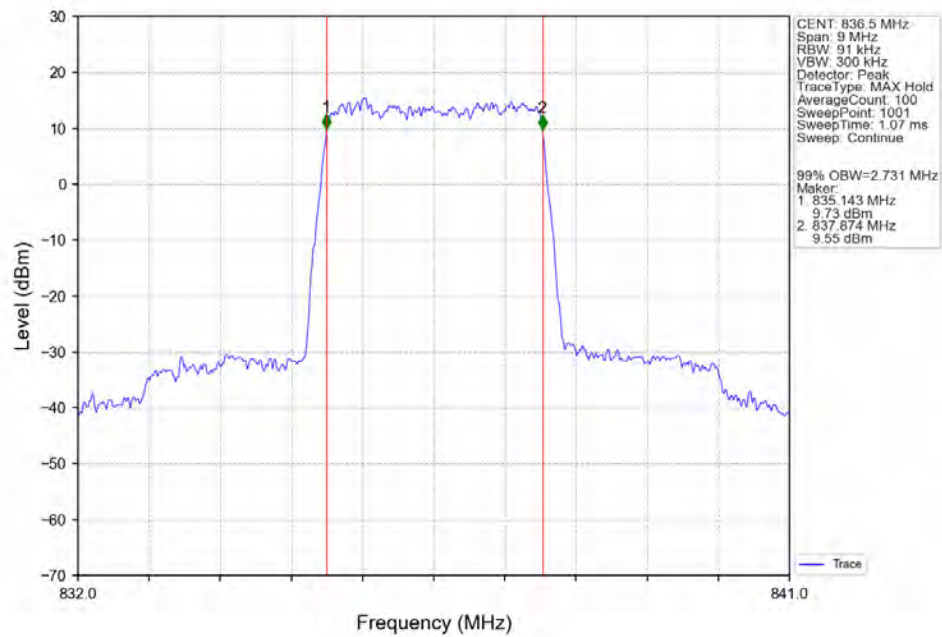
Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



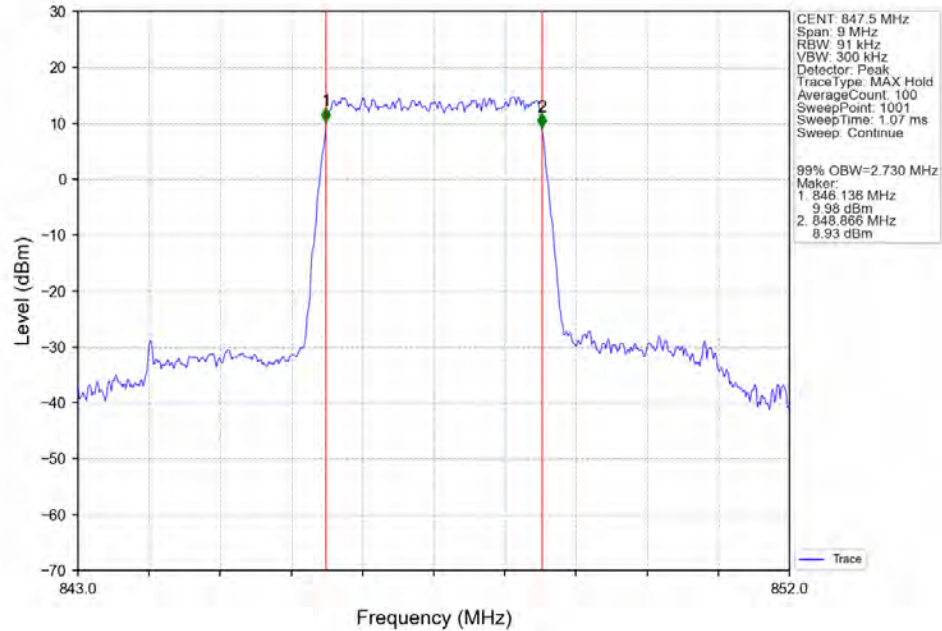
Band5_3MHz_256QAM_LCH_825.5MHz_RB_15_0_NTNV



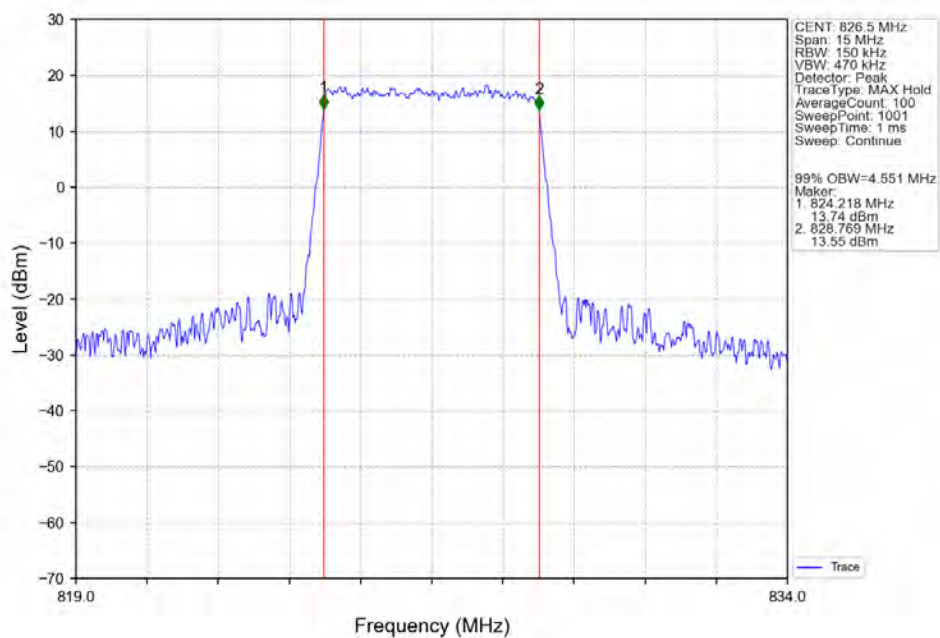
Band5_3MHz_256QAM_MCH_836.5MHz_RB_15_0_NTNV



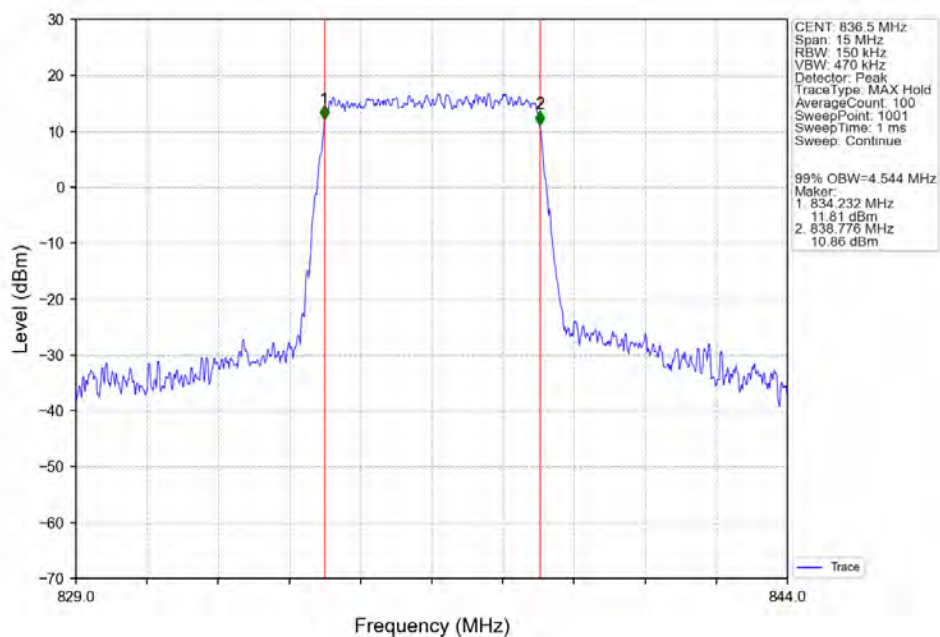
Band5_3MHz_256QAM_HCH_847.5MHz_RB_15_0_NTNV



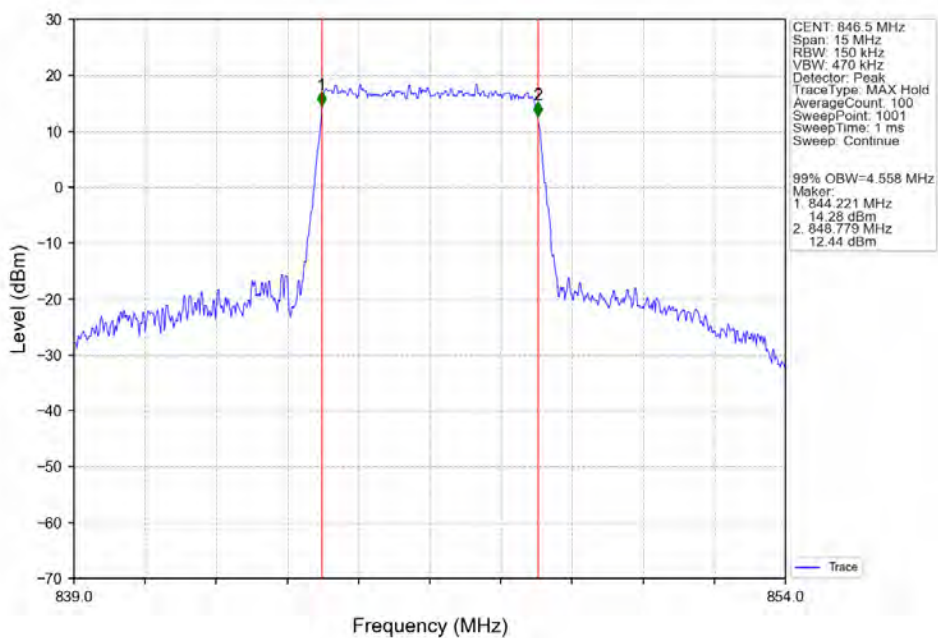
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



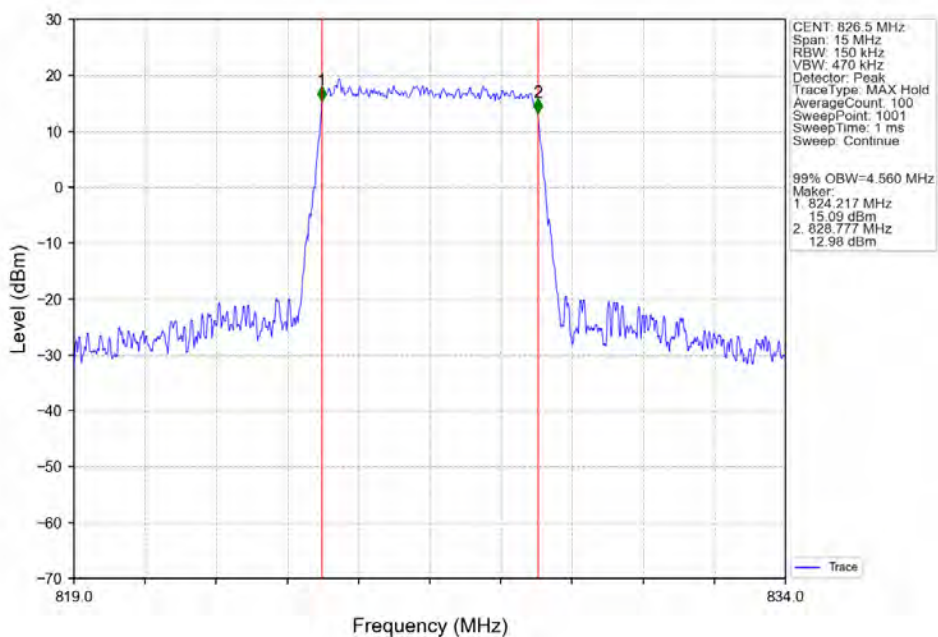
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



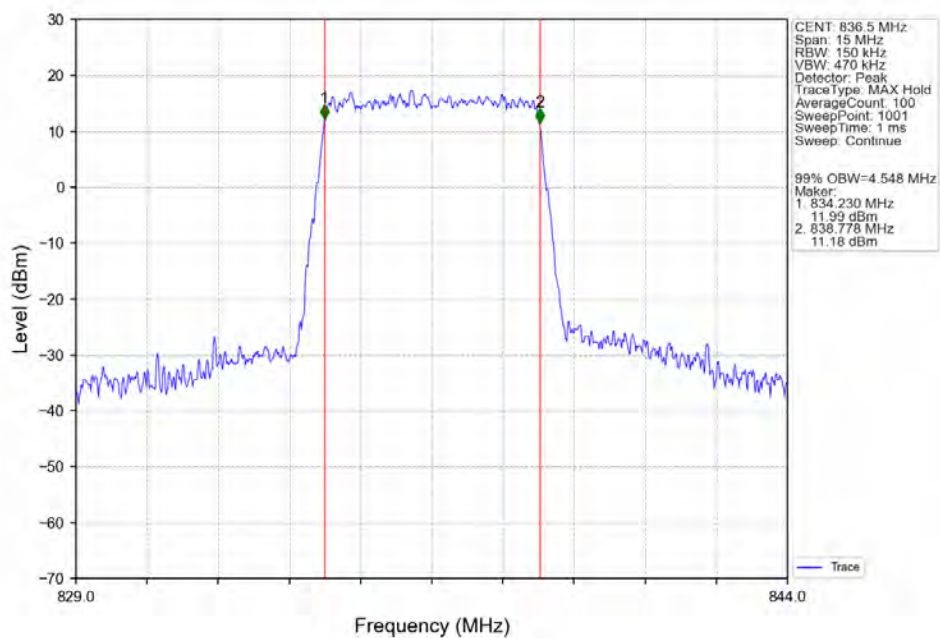
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



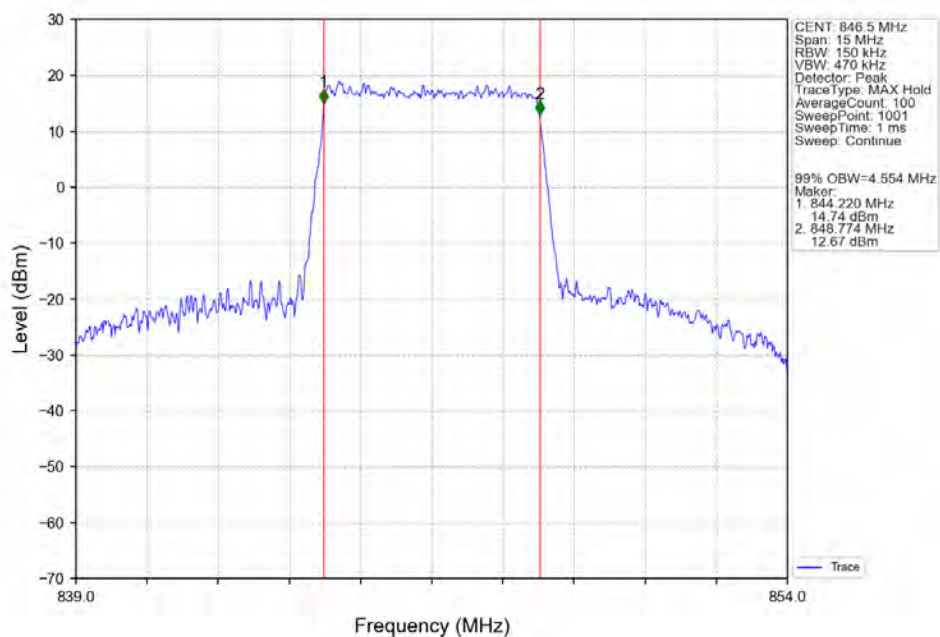
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



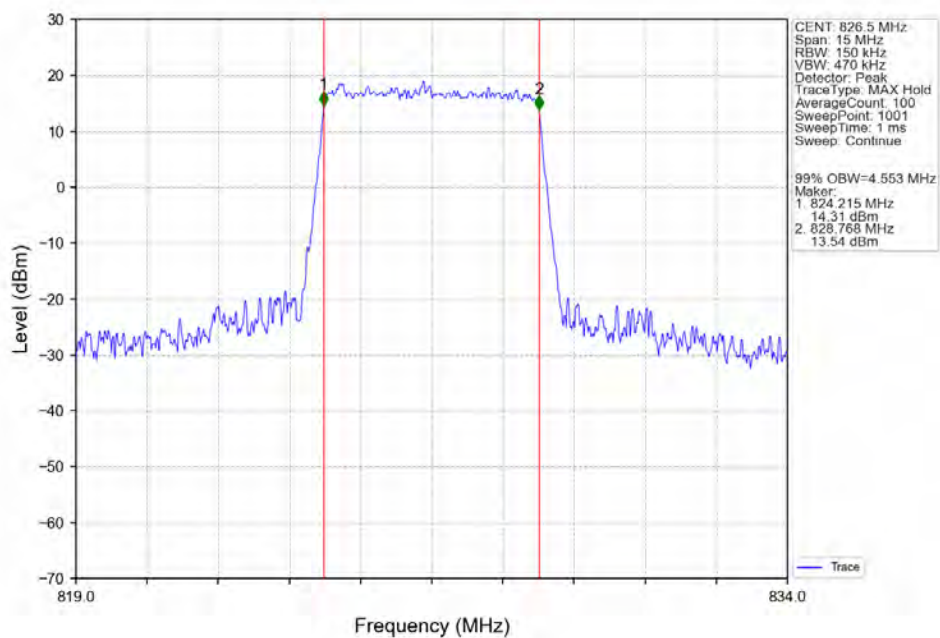
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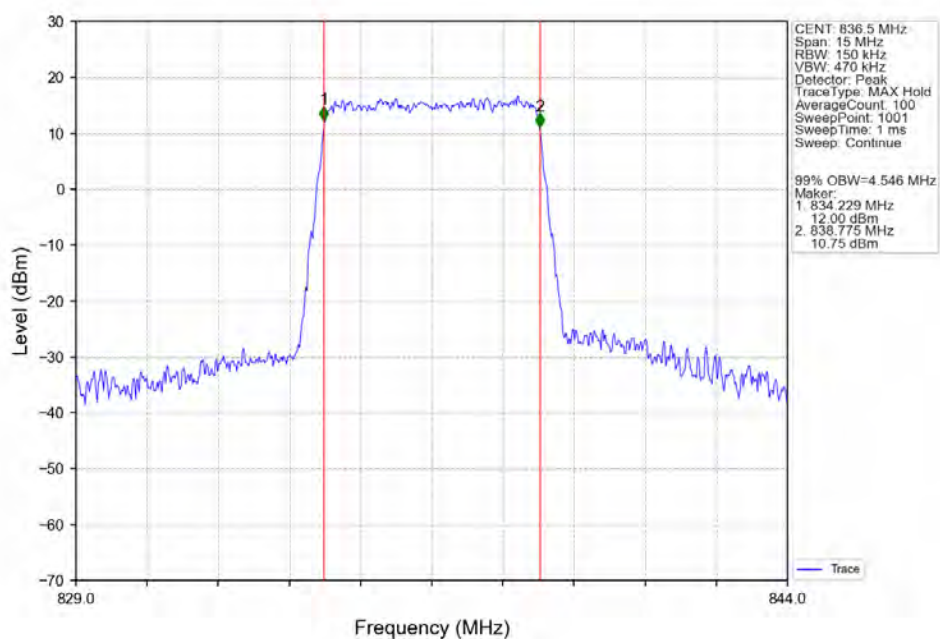
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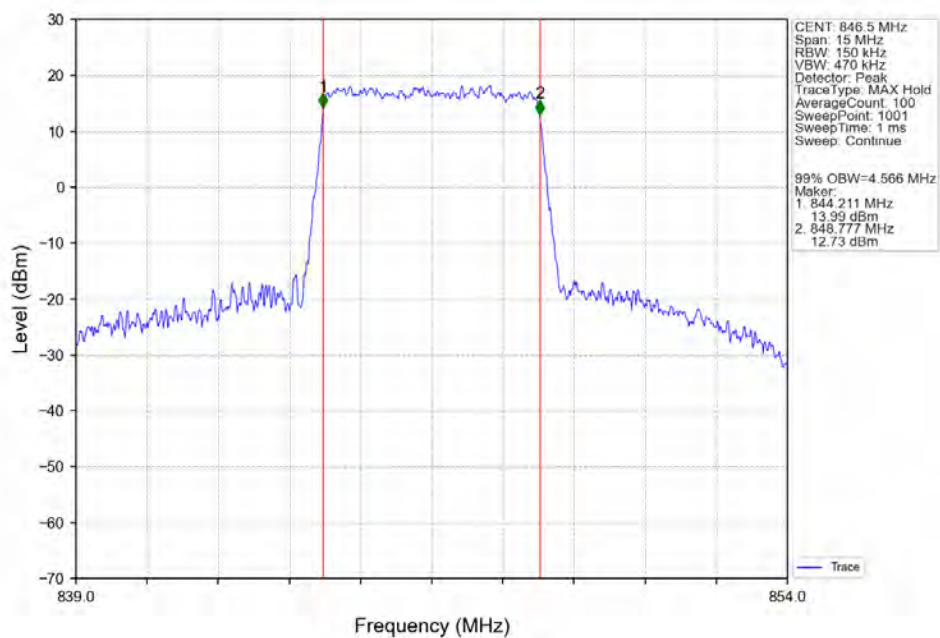
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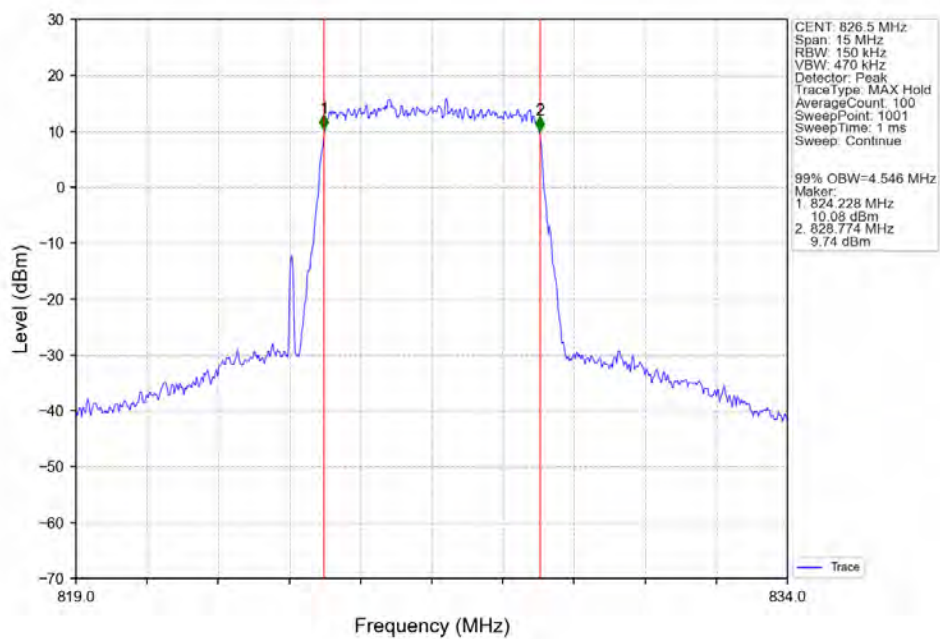
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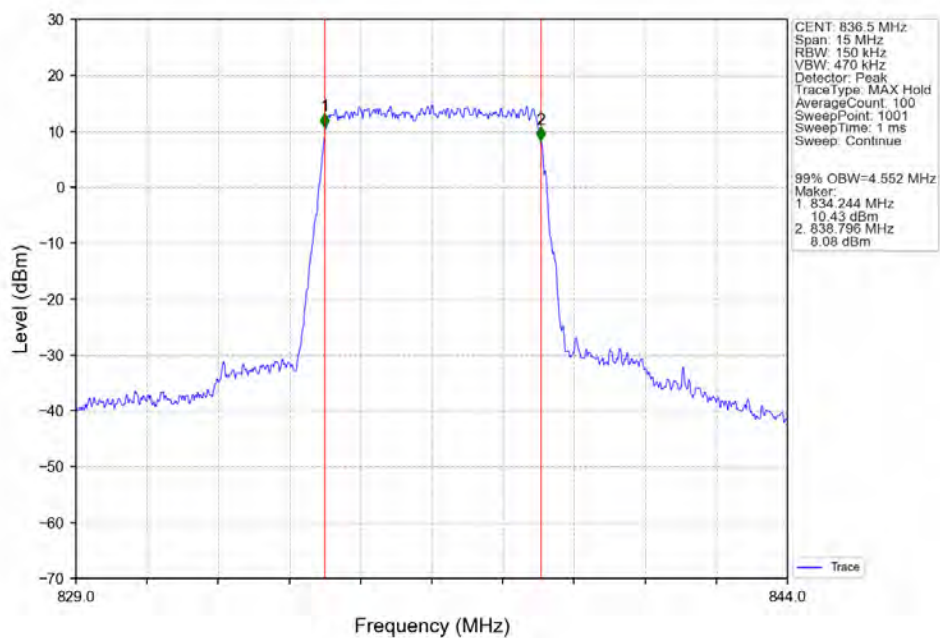
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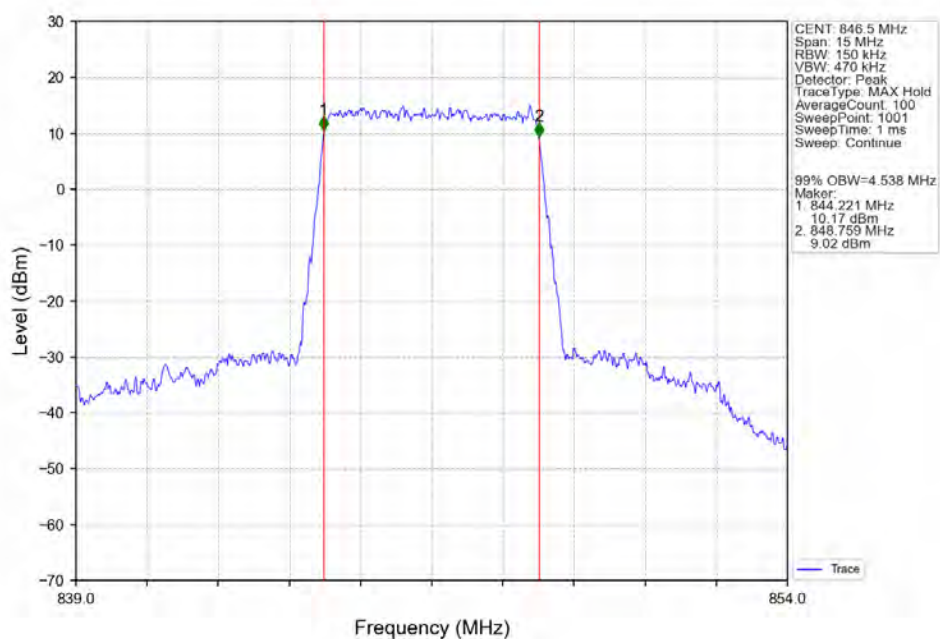
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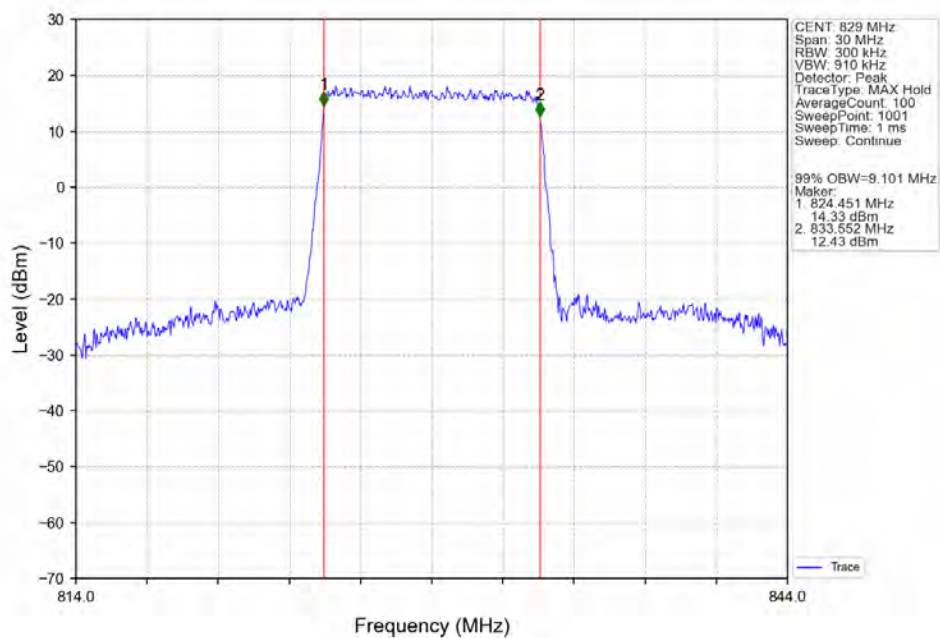
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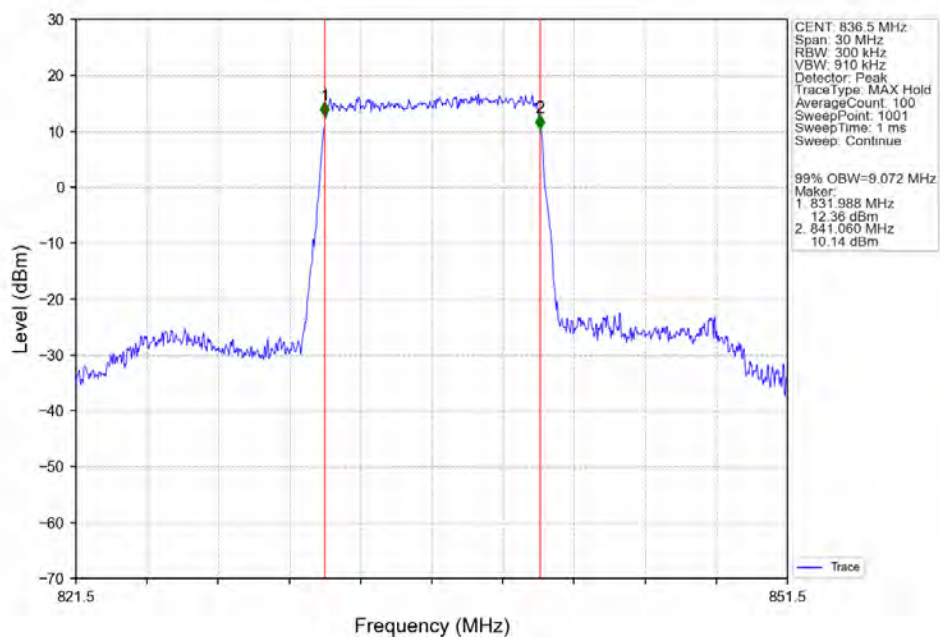
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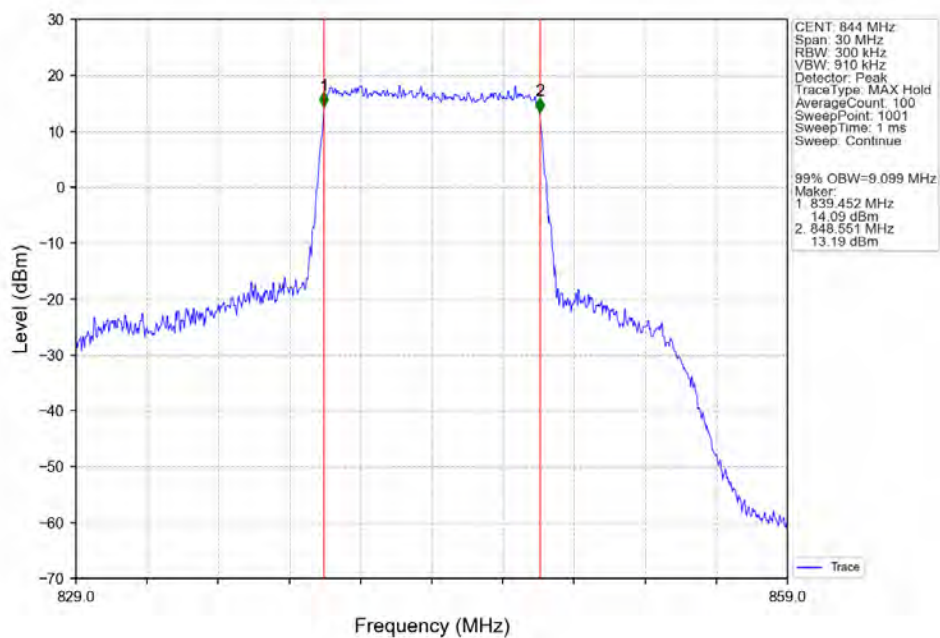
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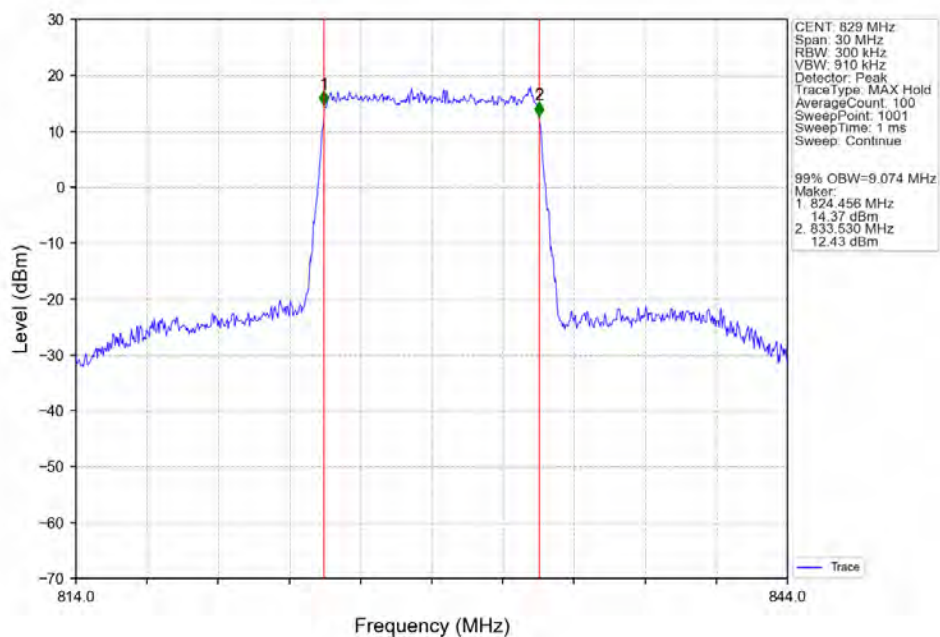
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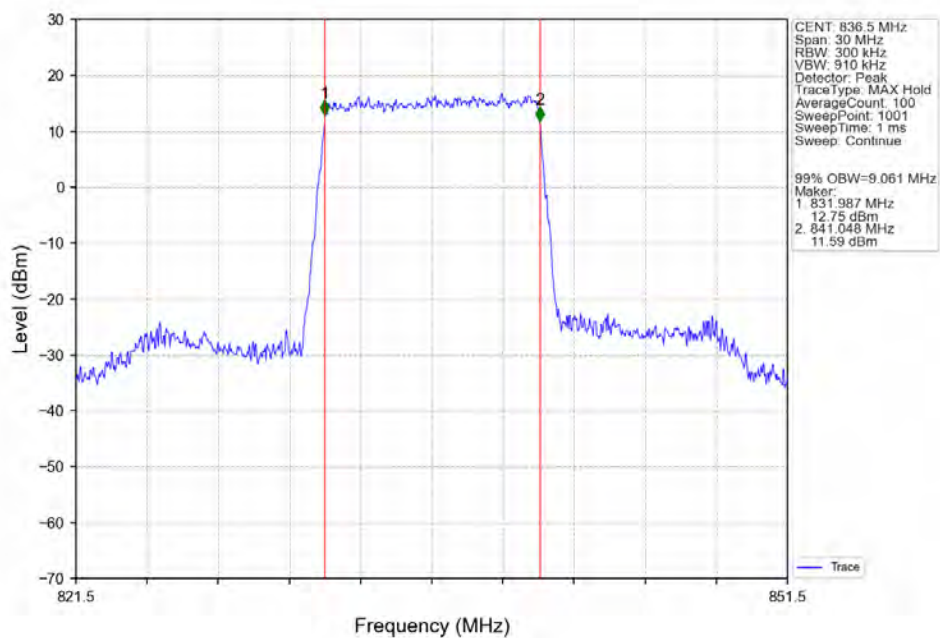
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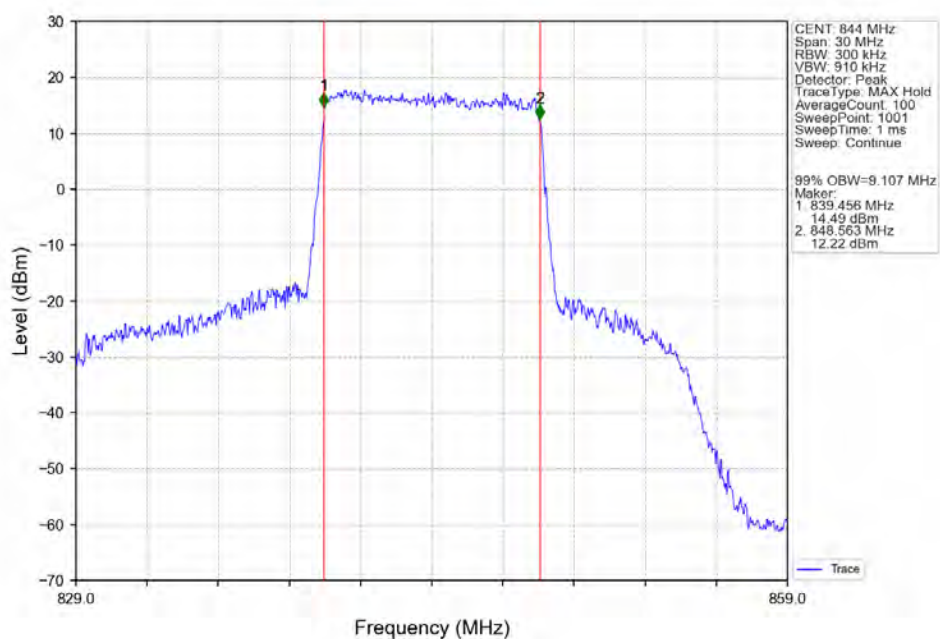
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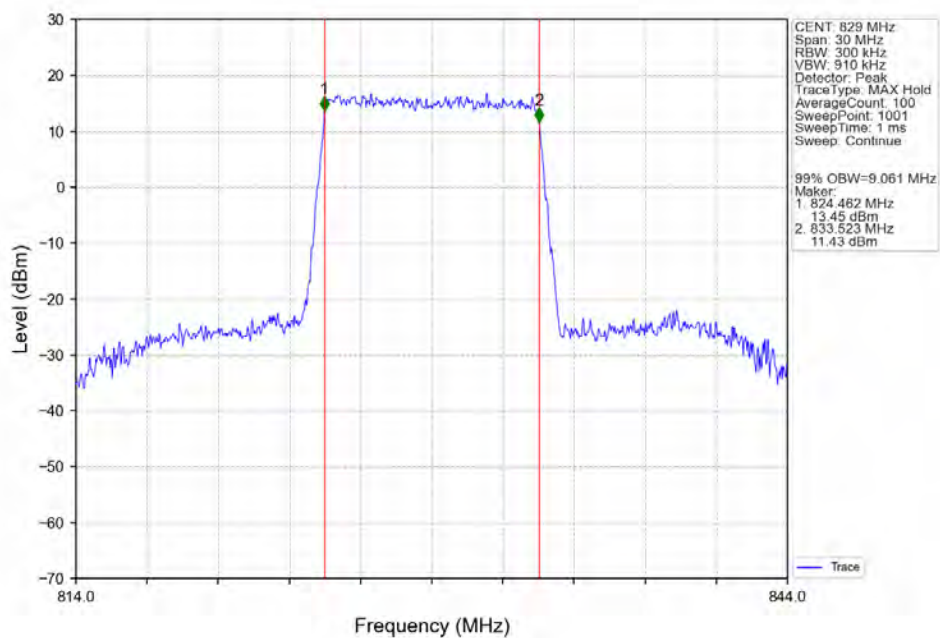
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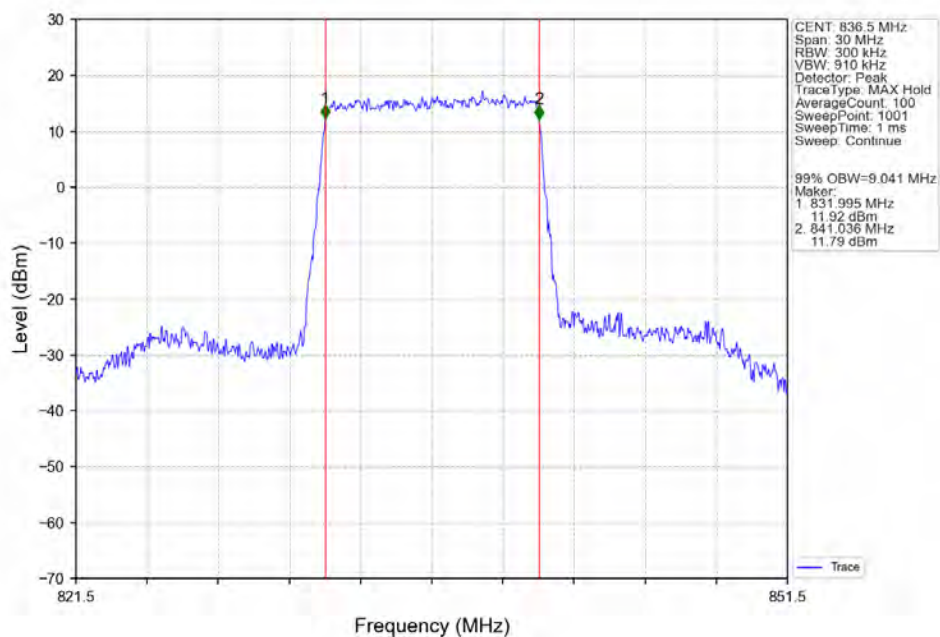
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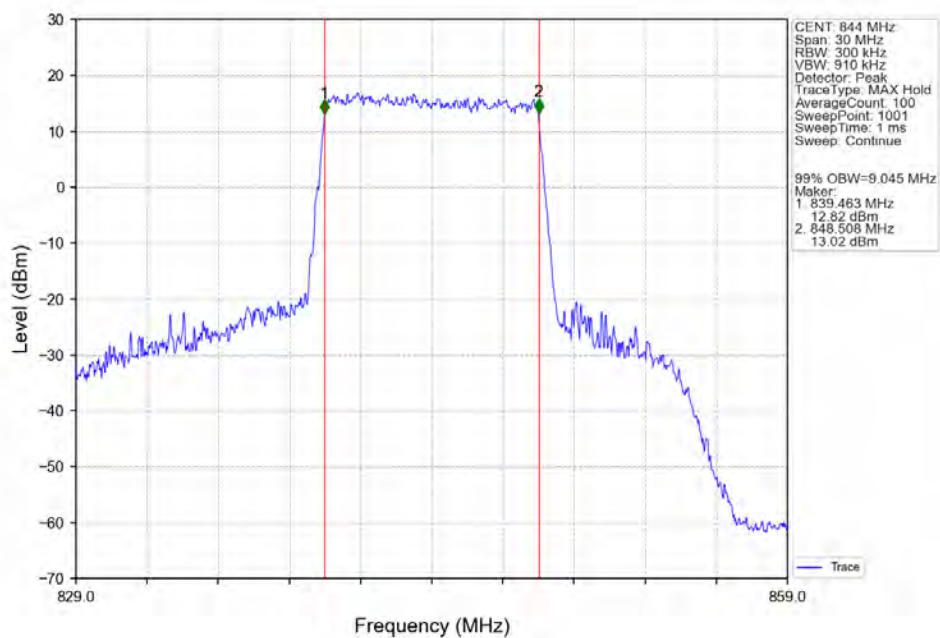
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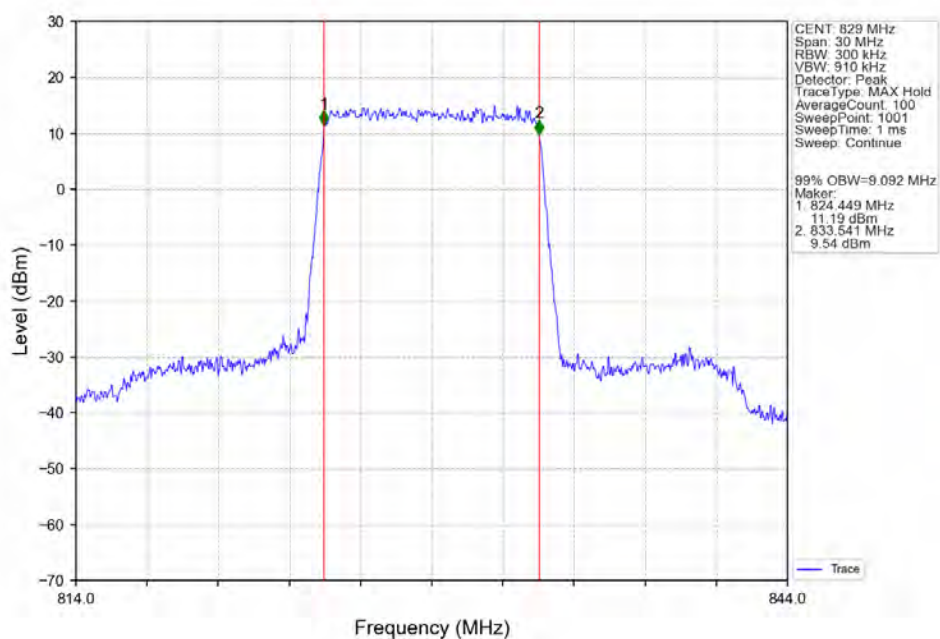
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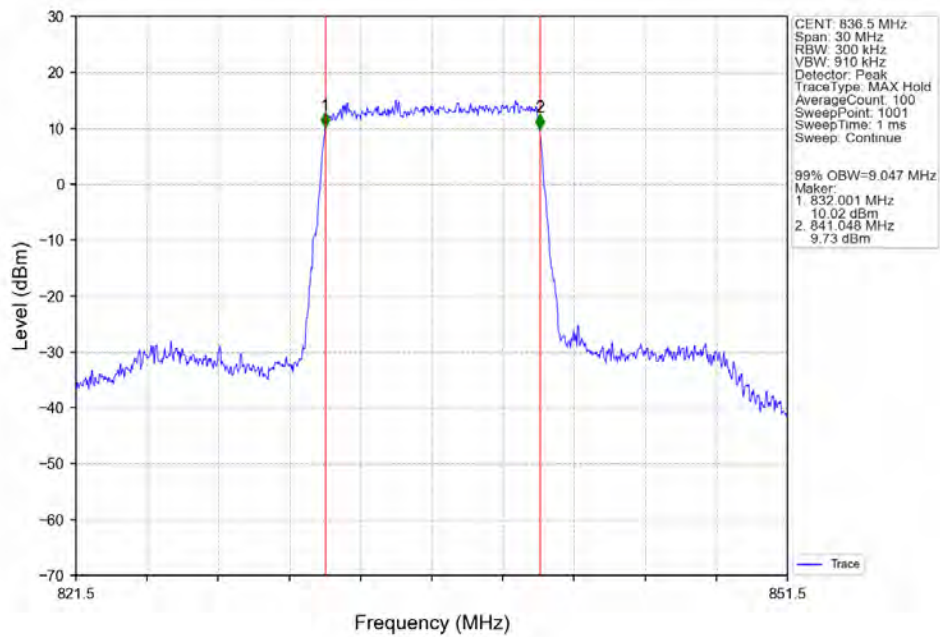
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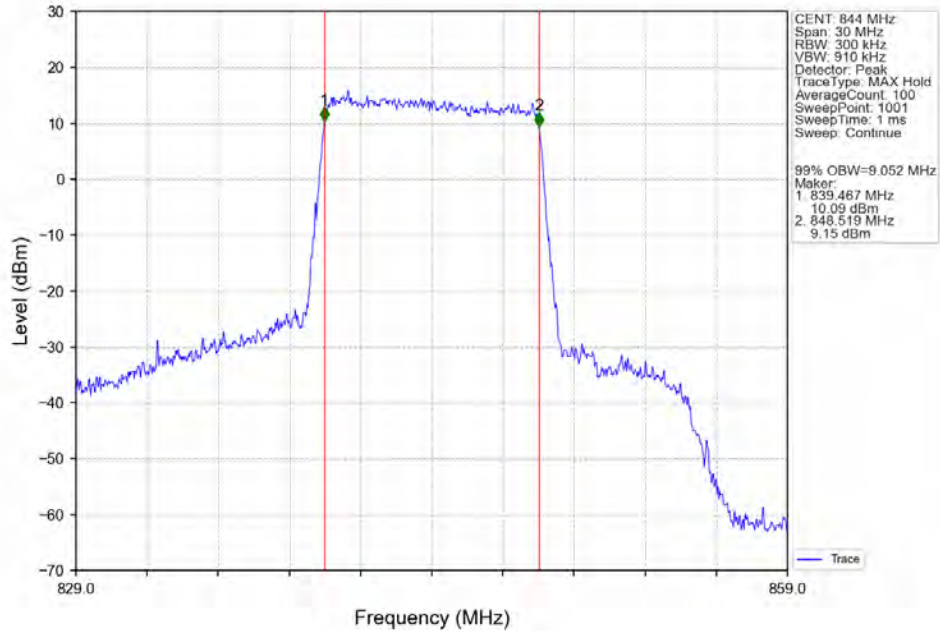
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Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV

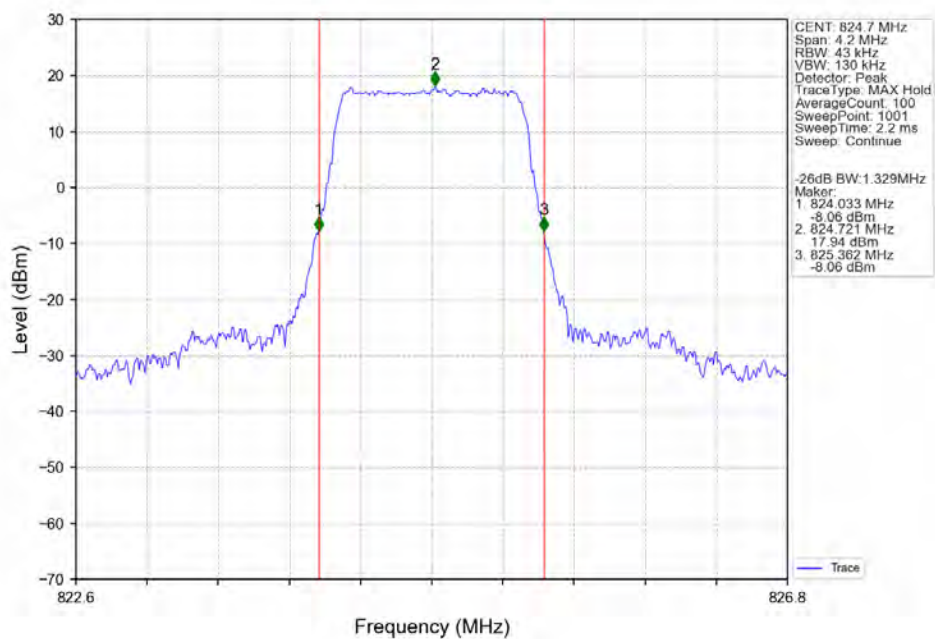


Band5_10MHz_256QAM_HCH_844MHz_RB_50_0_NTNV

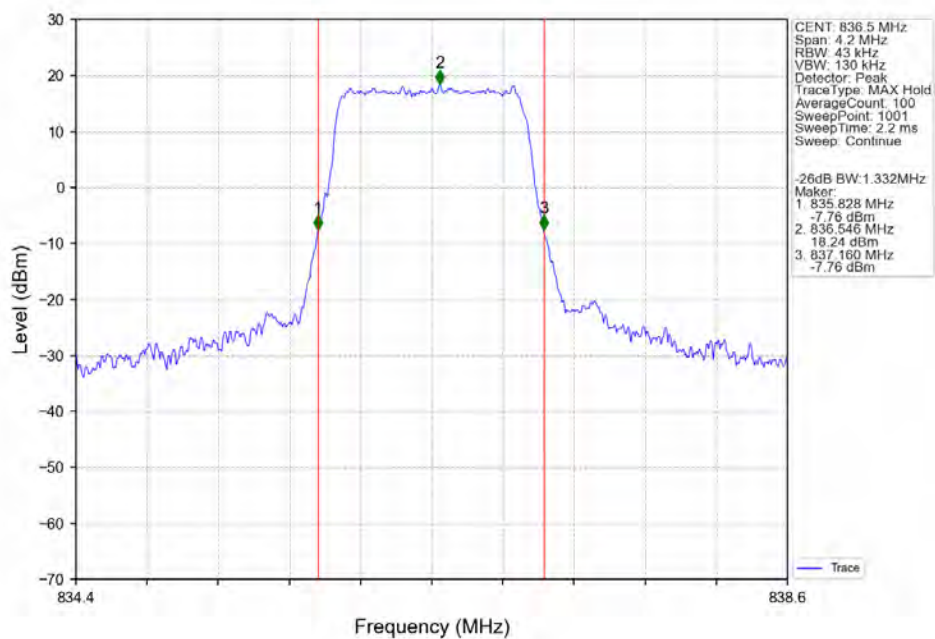


3.2.2 Band5_XDB

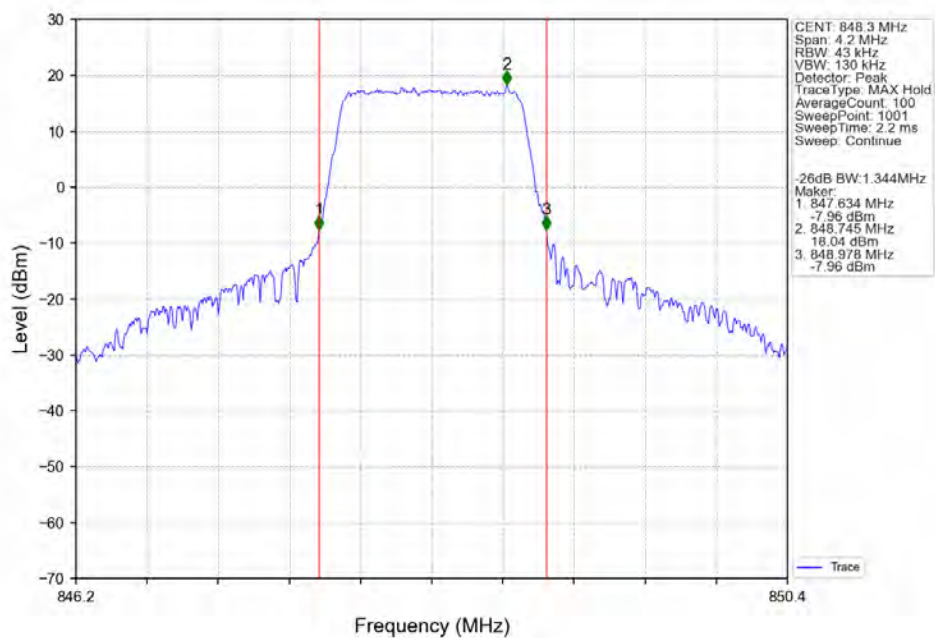
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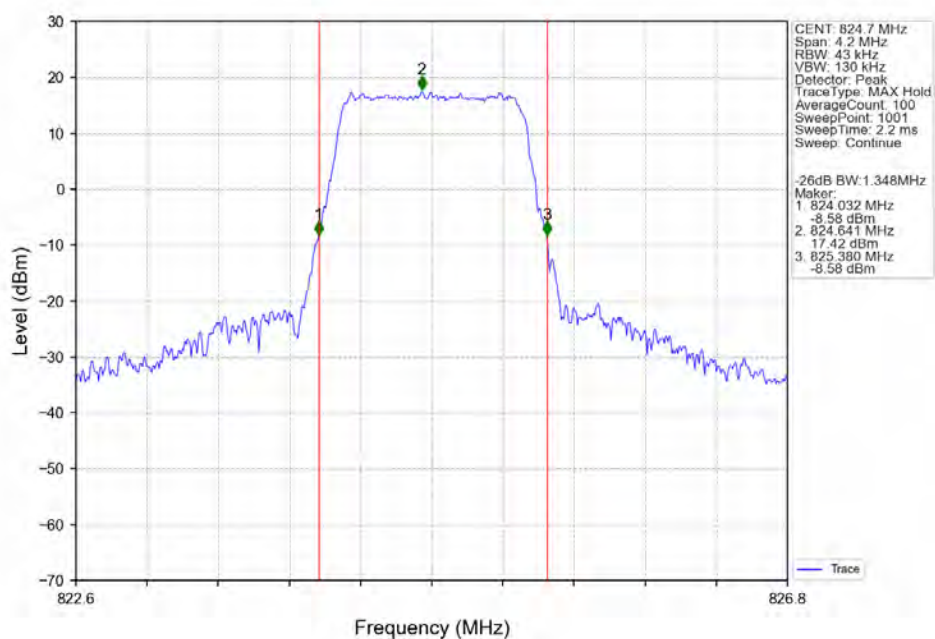
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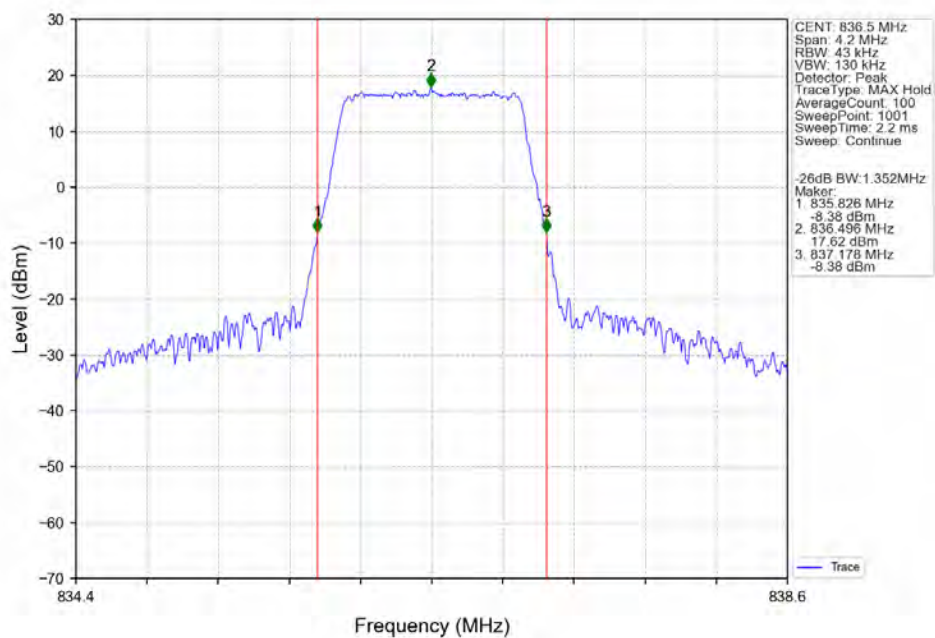
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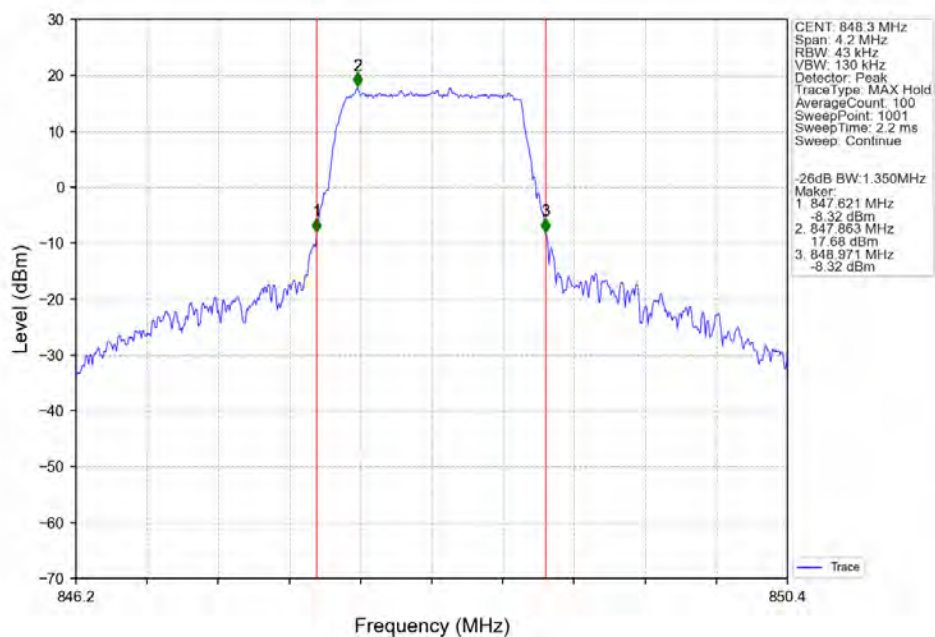
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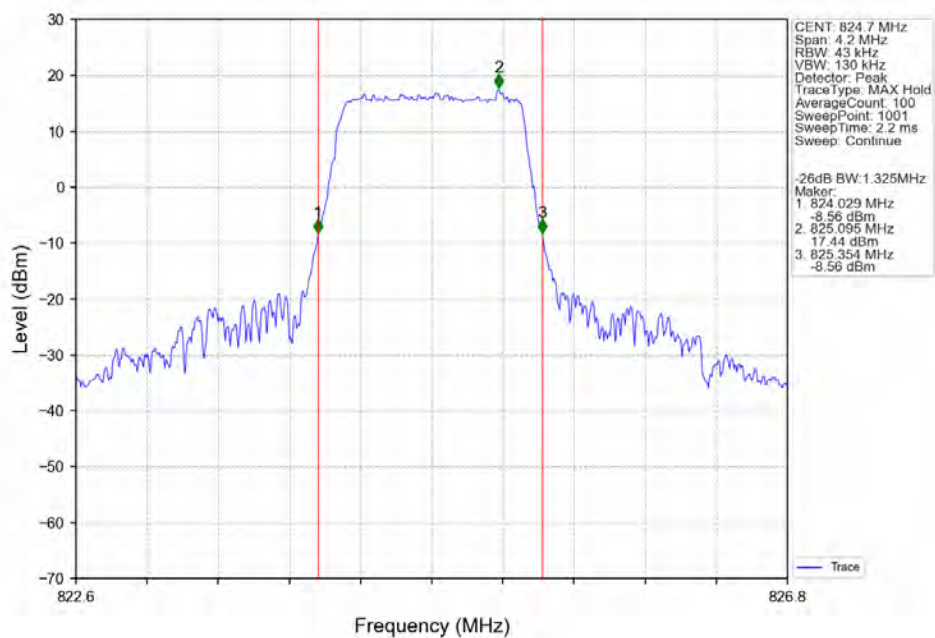
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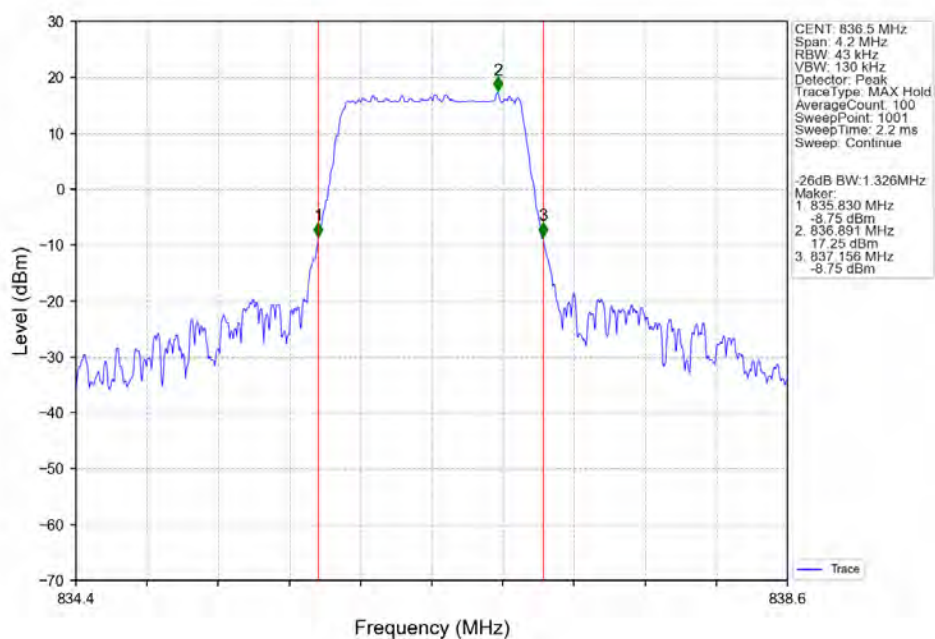
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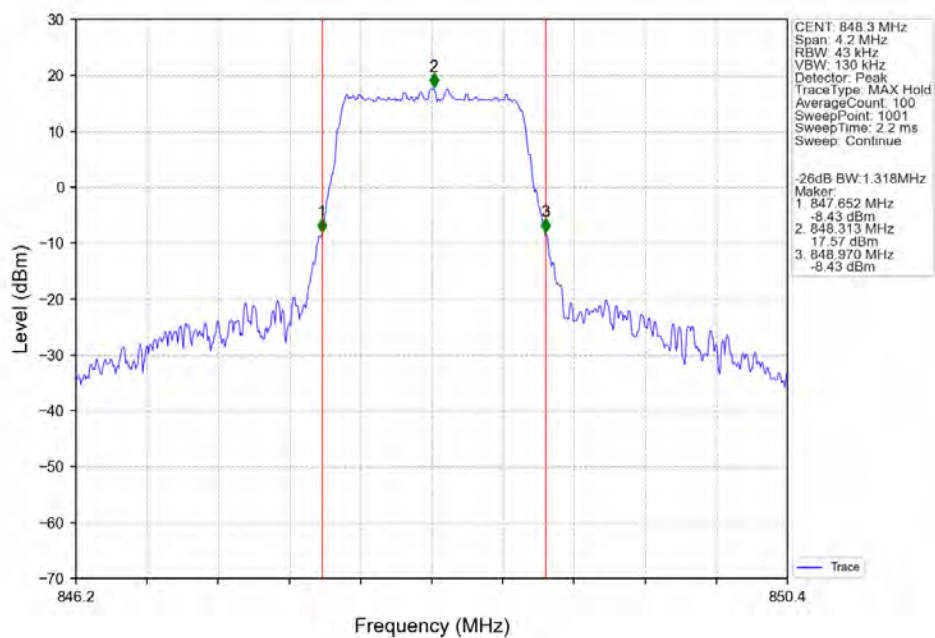
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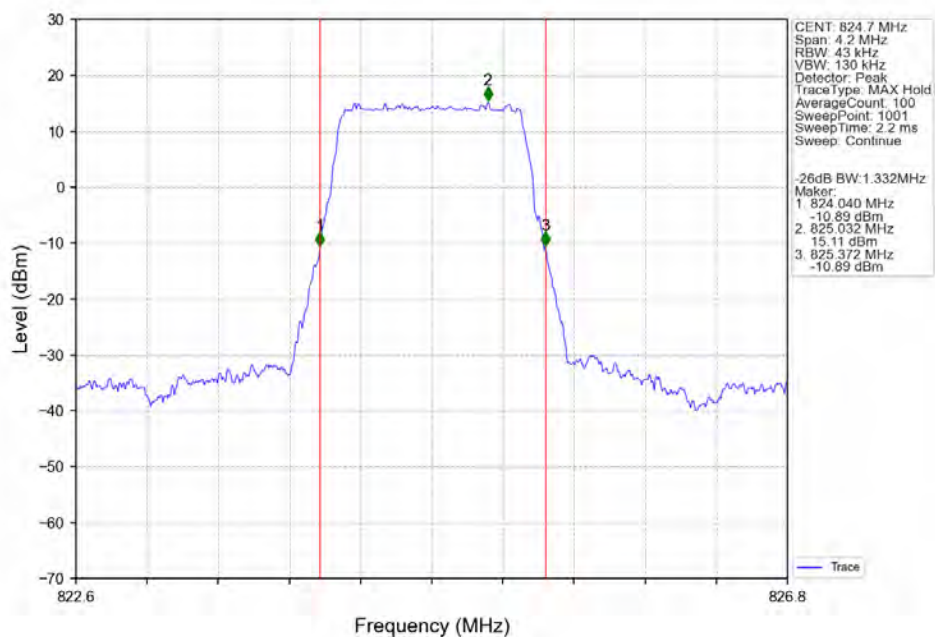
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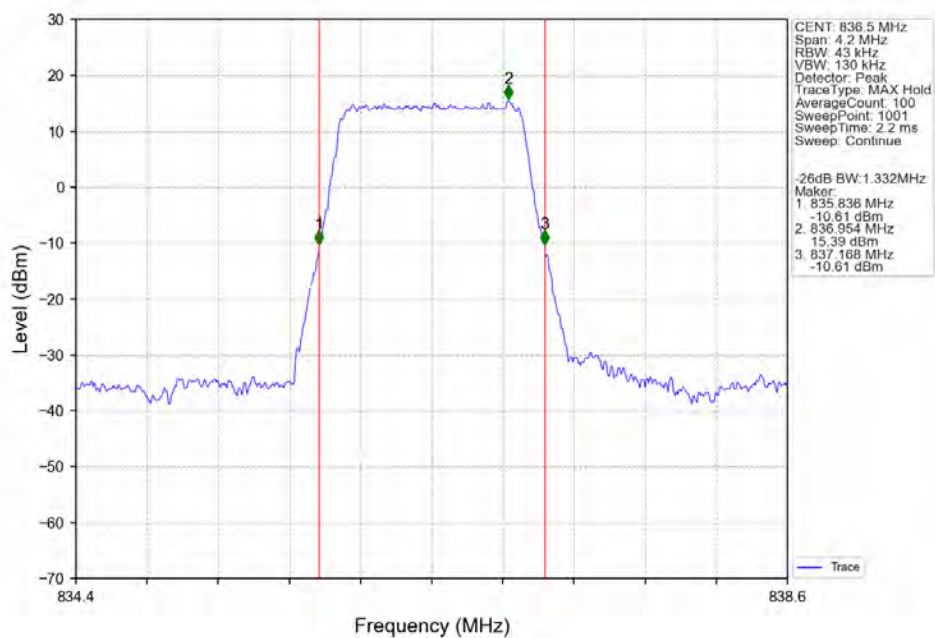
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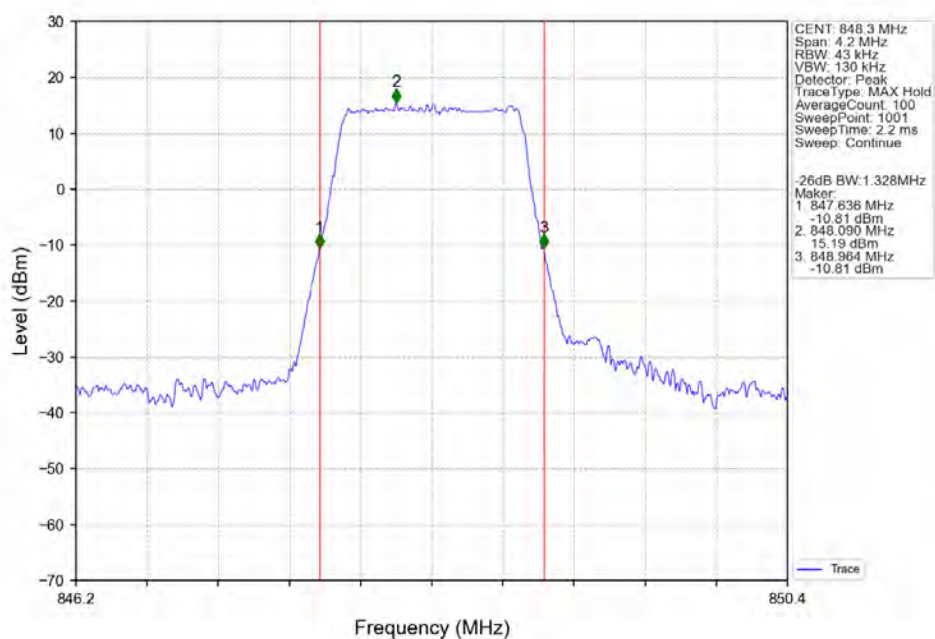
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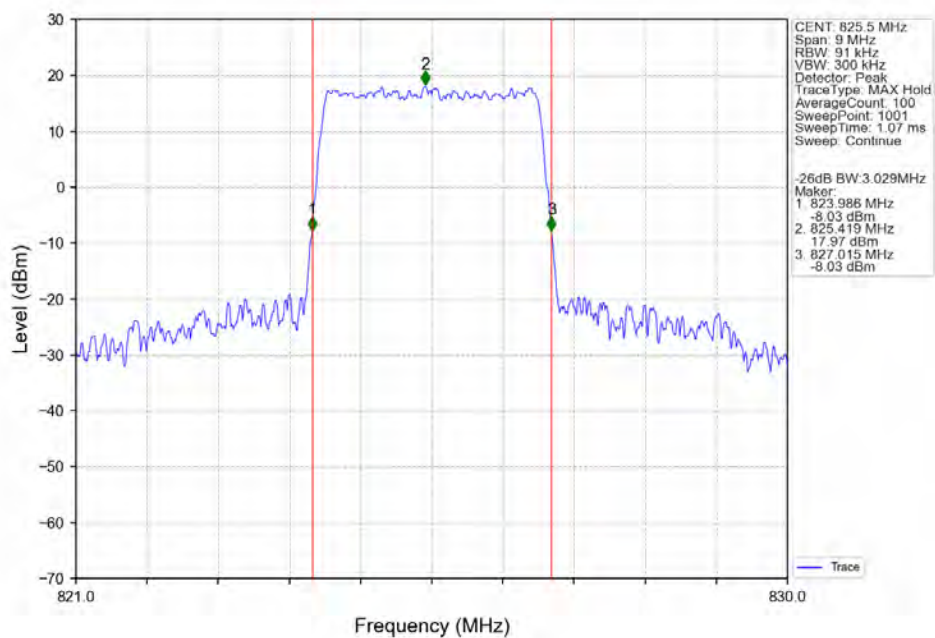
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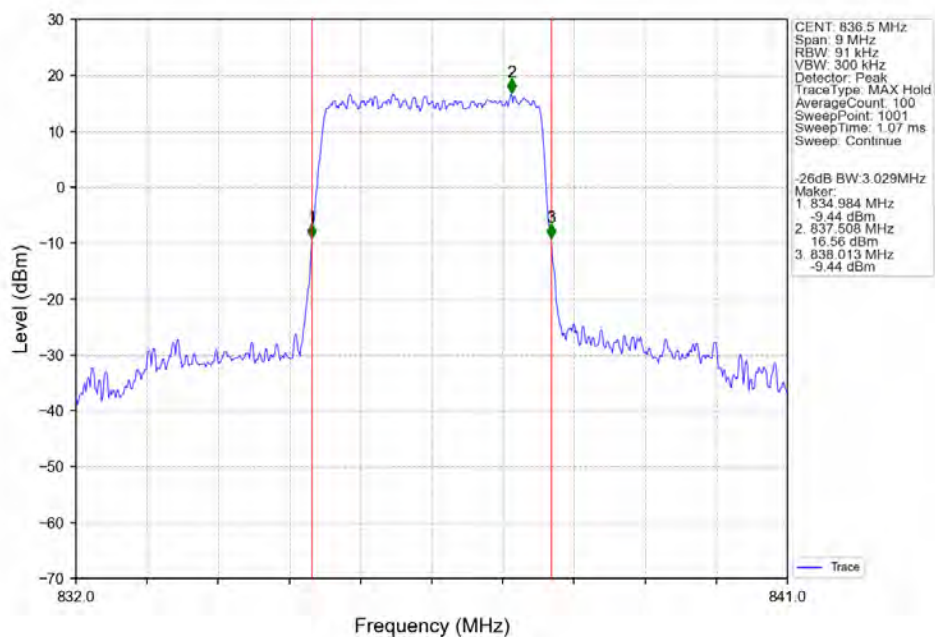
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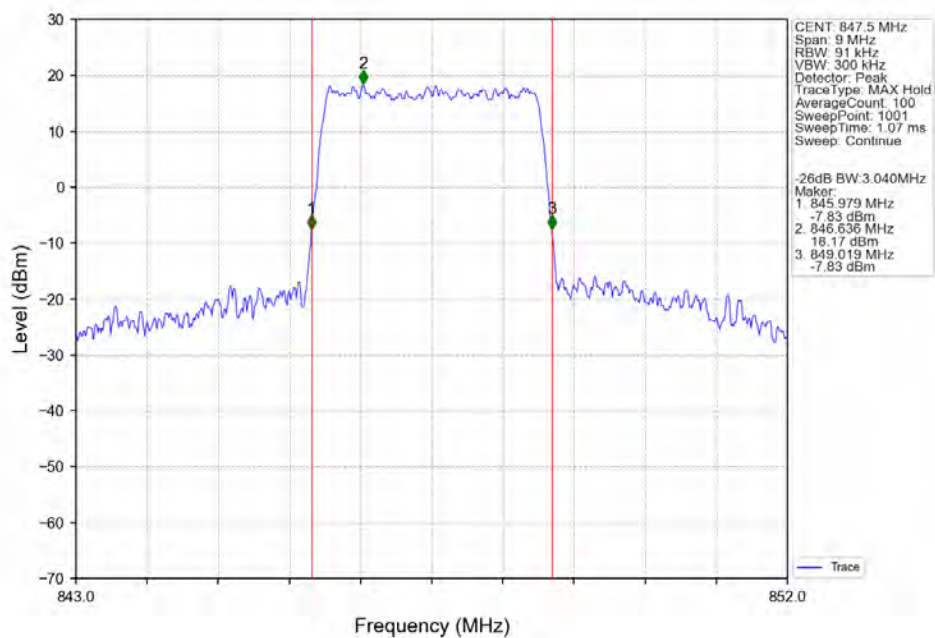
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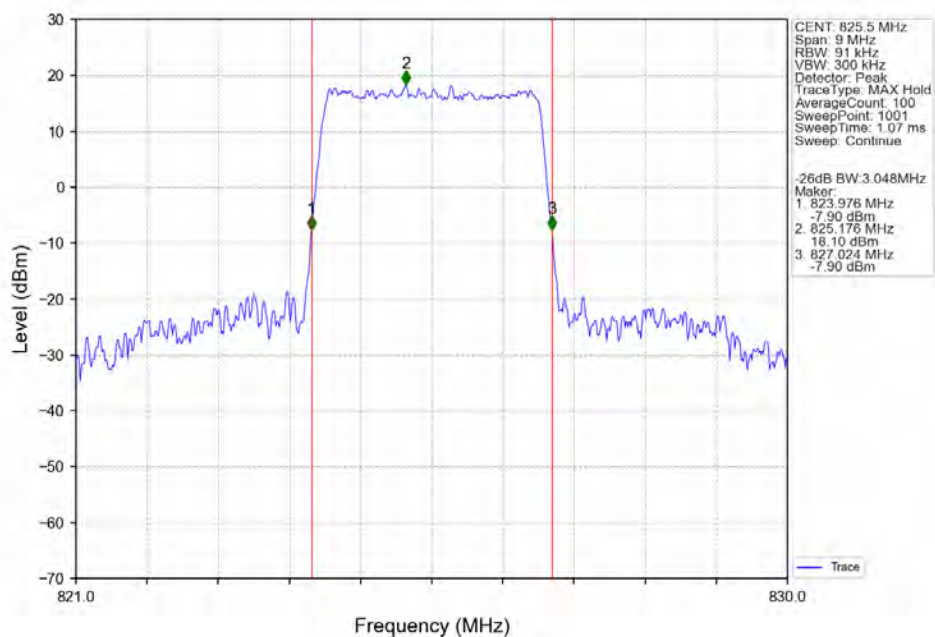
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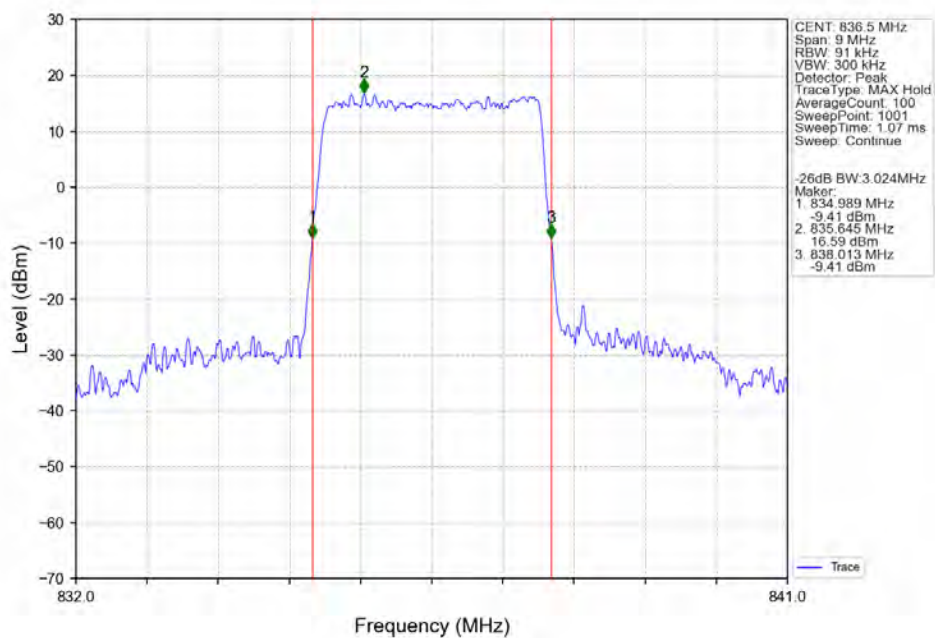
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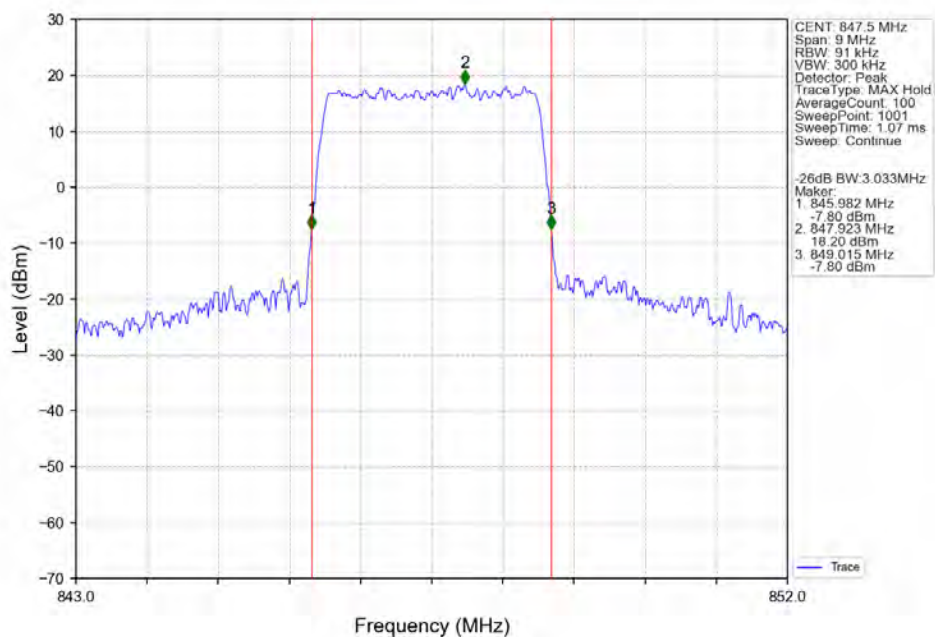
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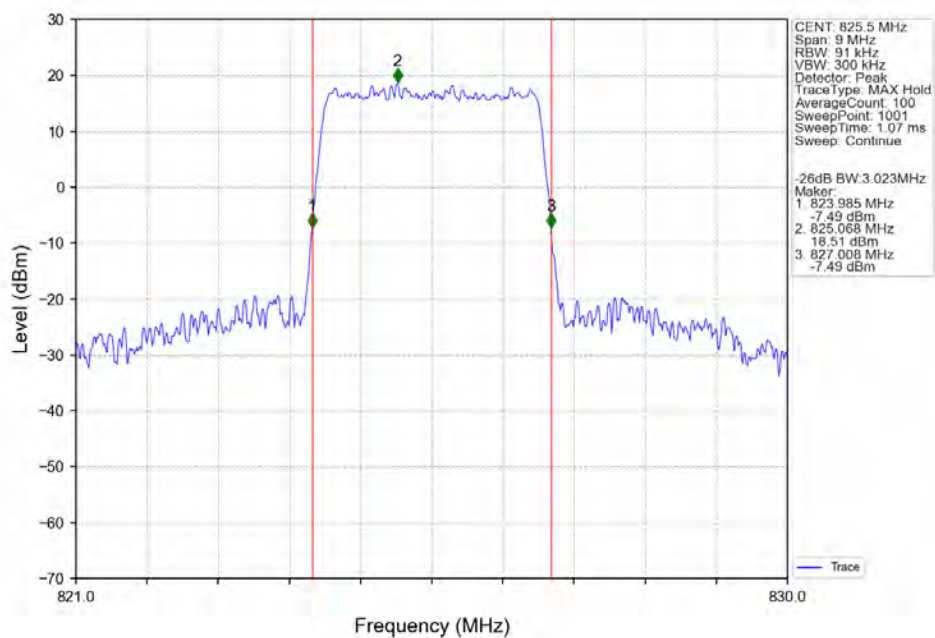
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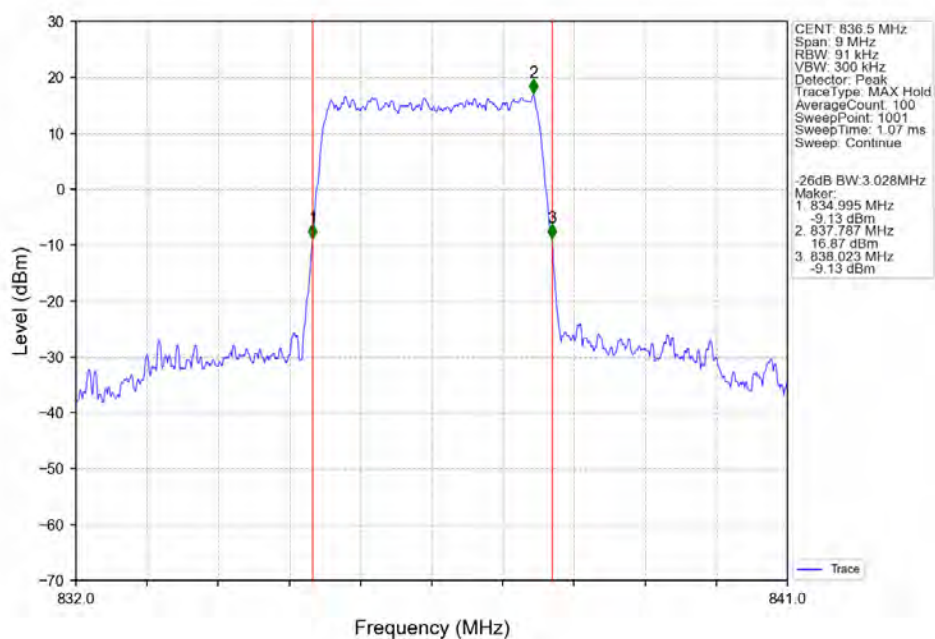
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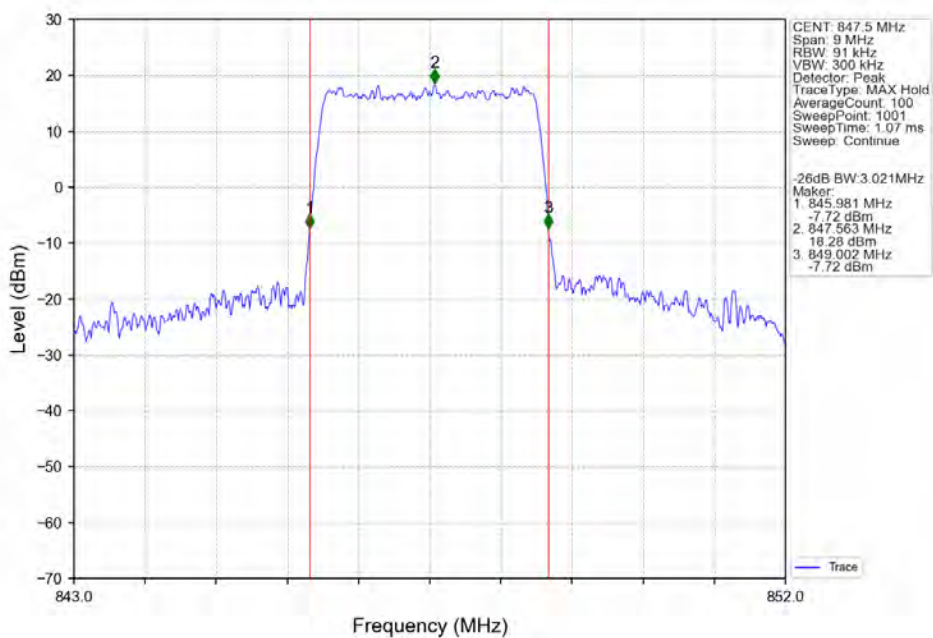
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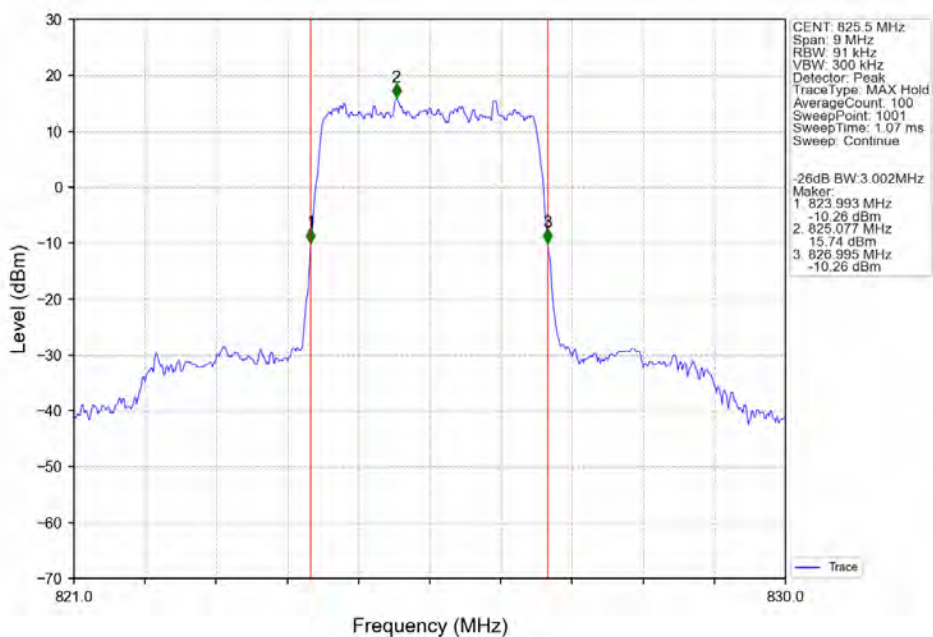
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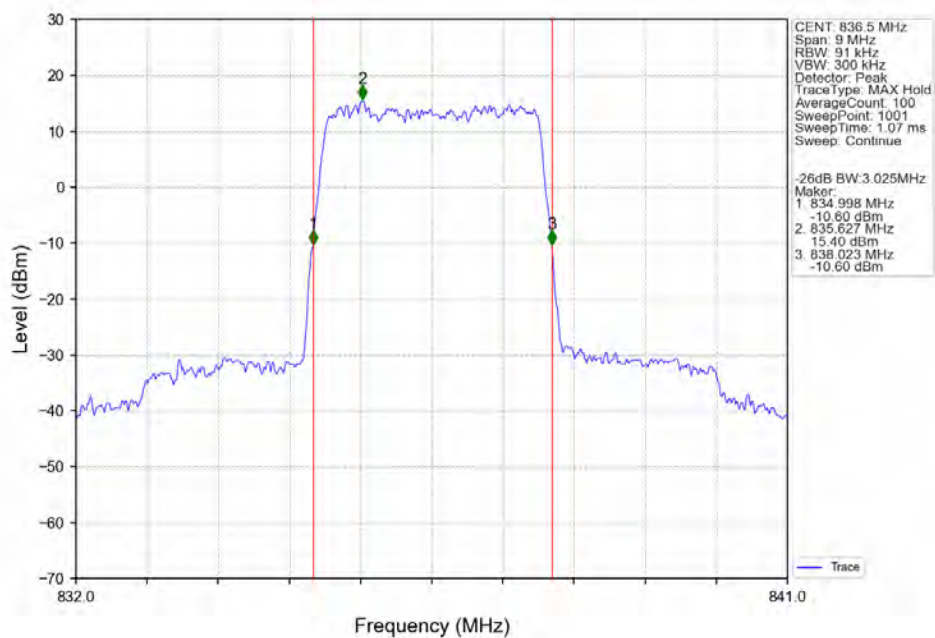
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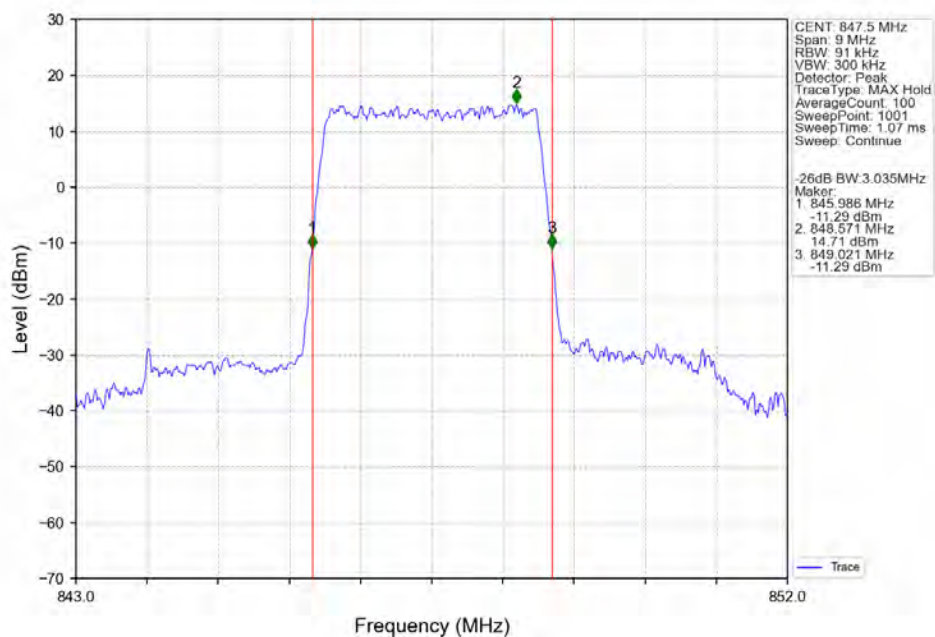
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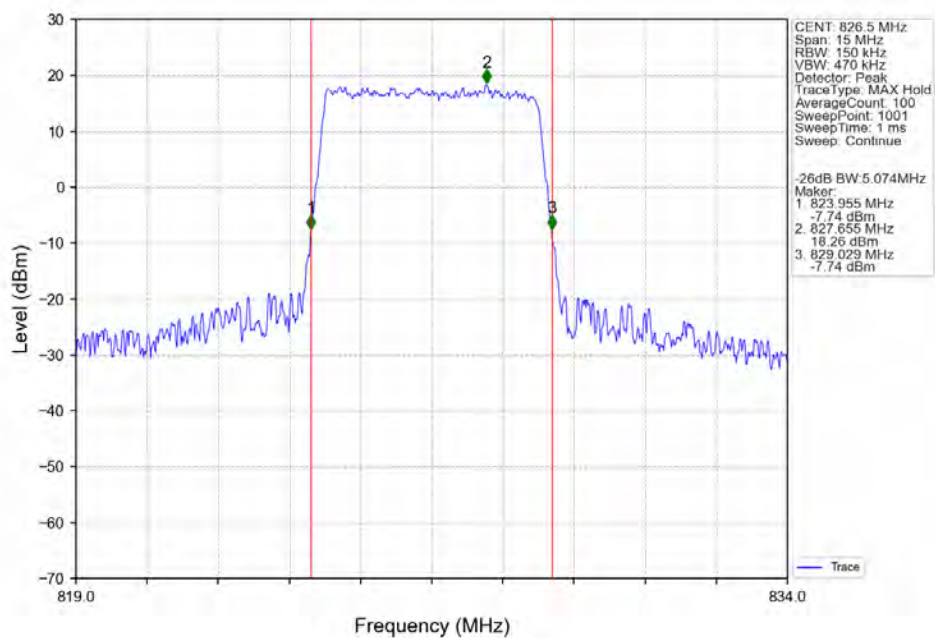
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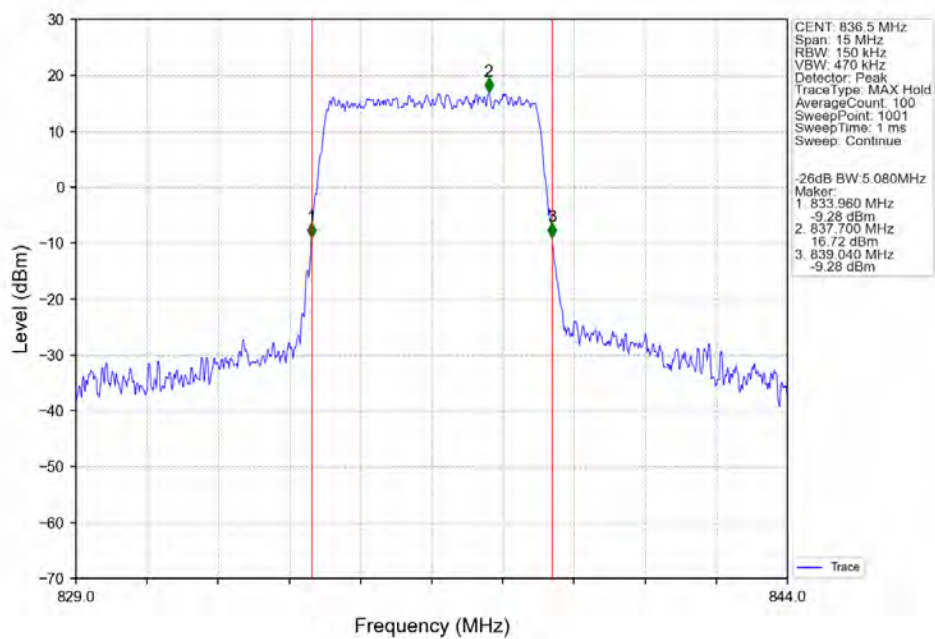
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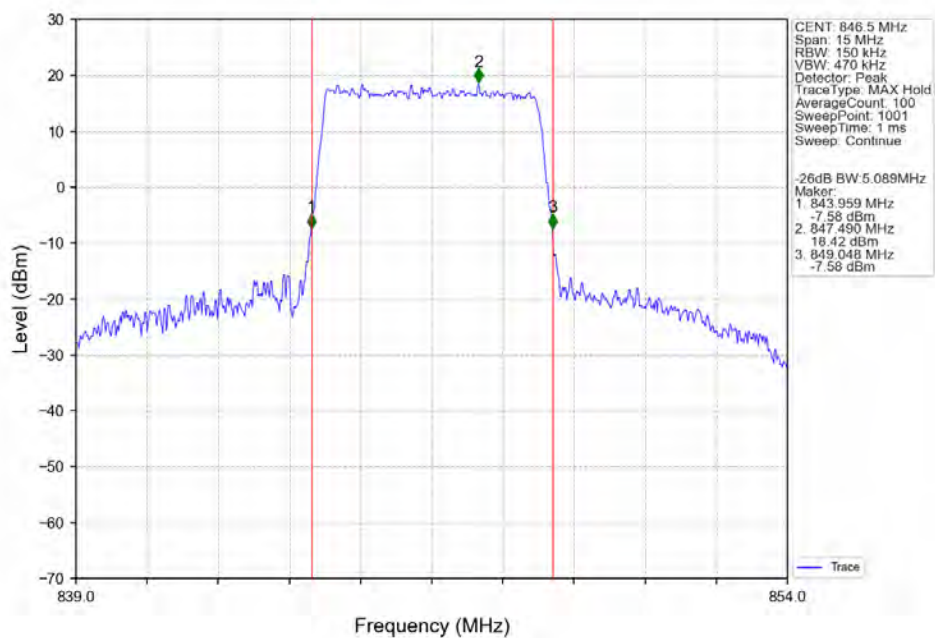
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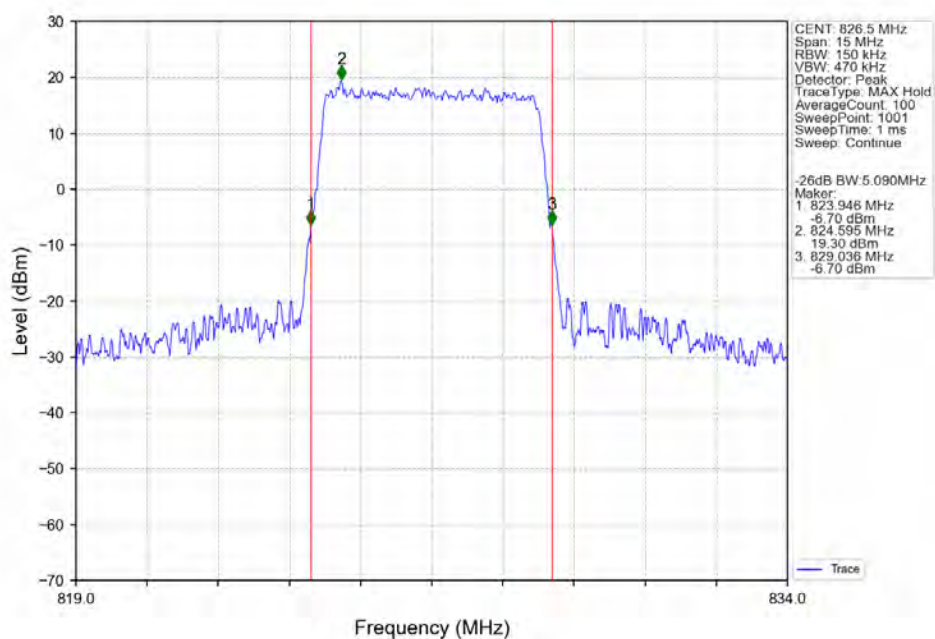
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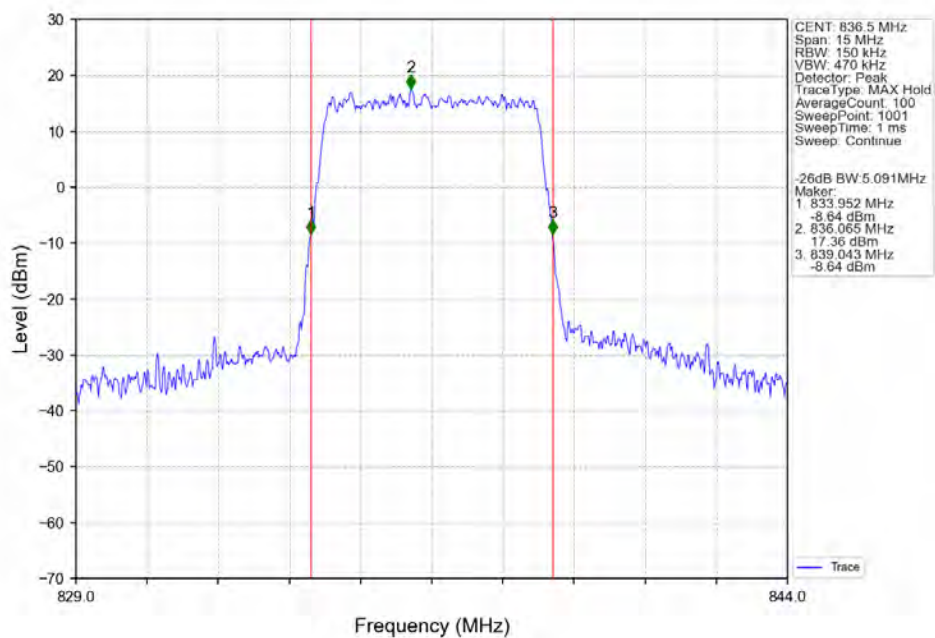
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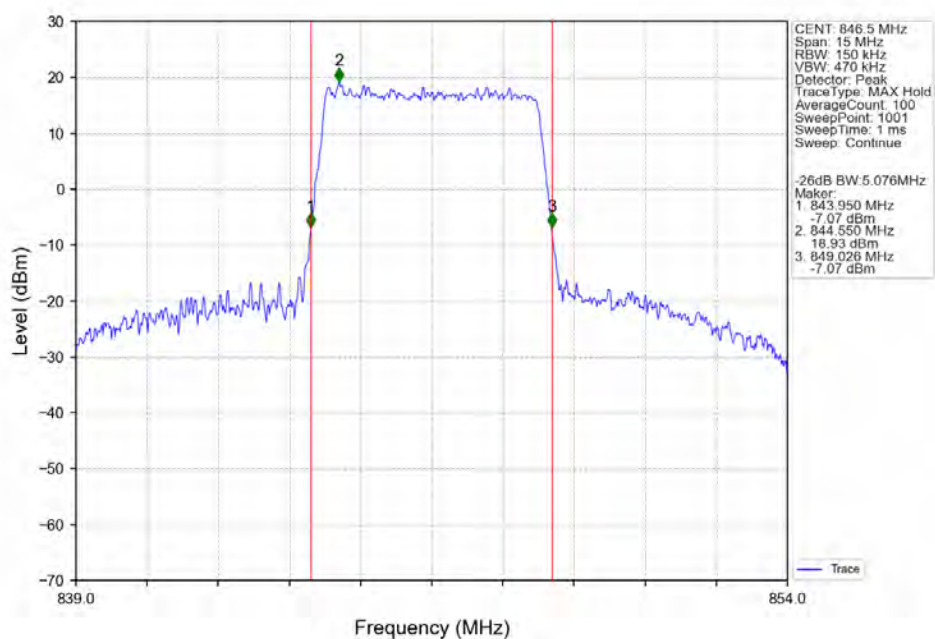
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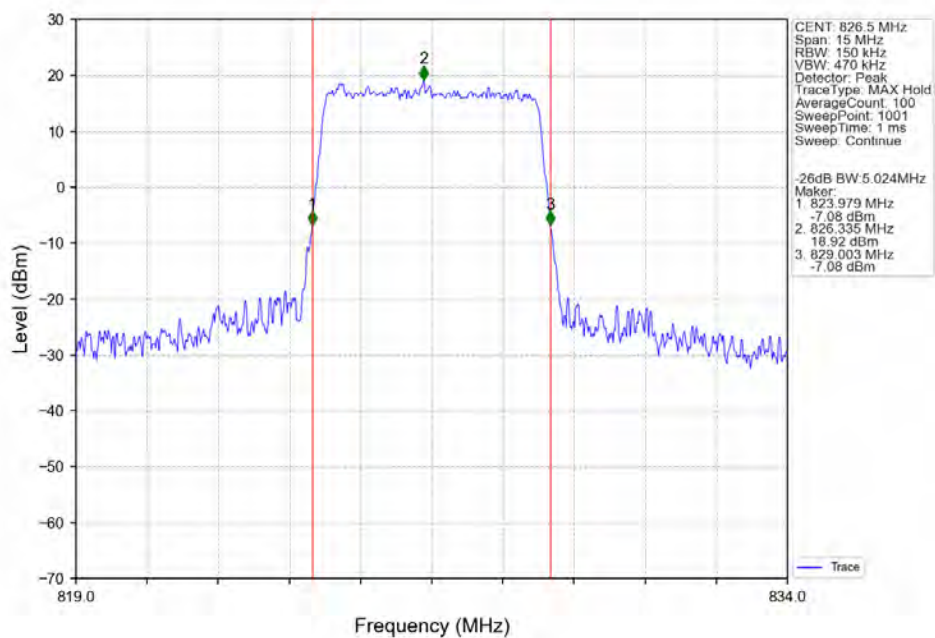
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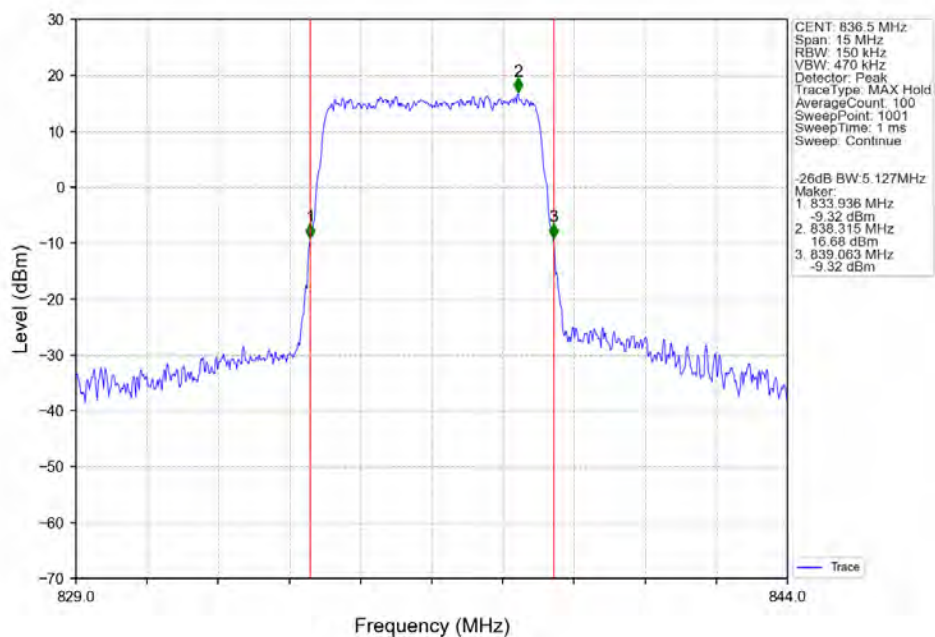
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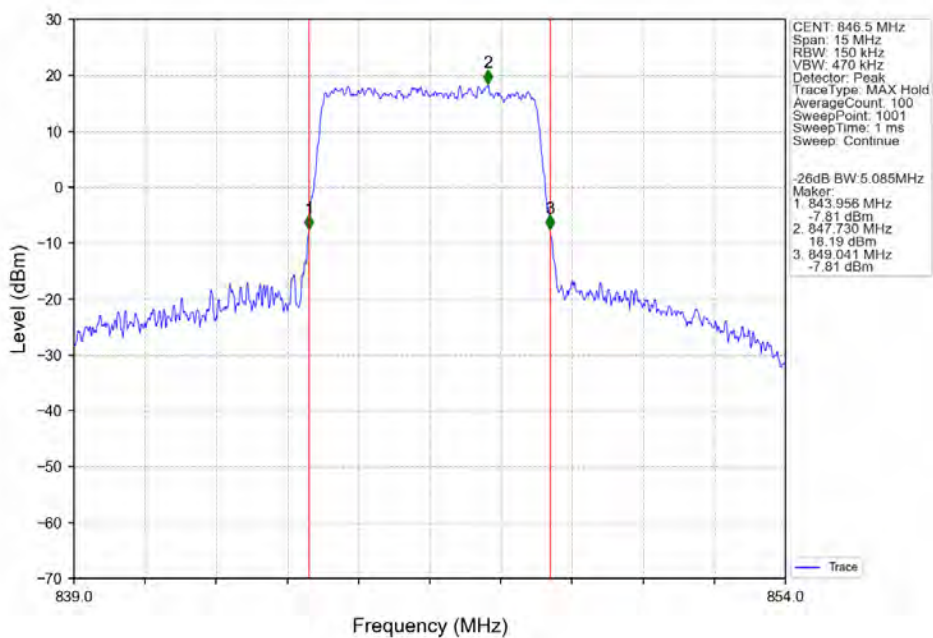
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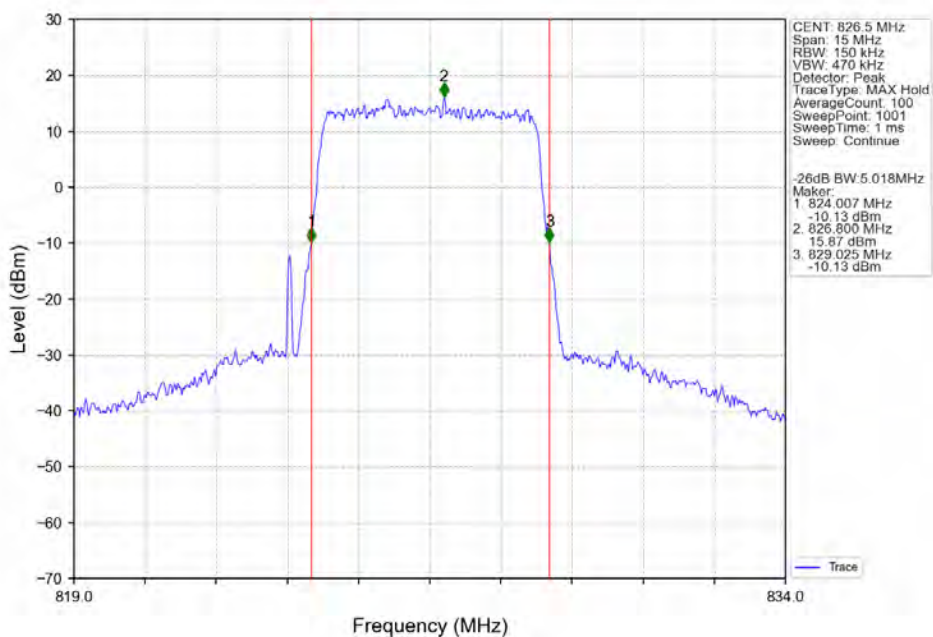
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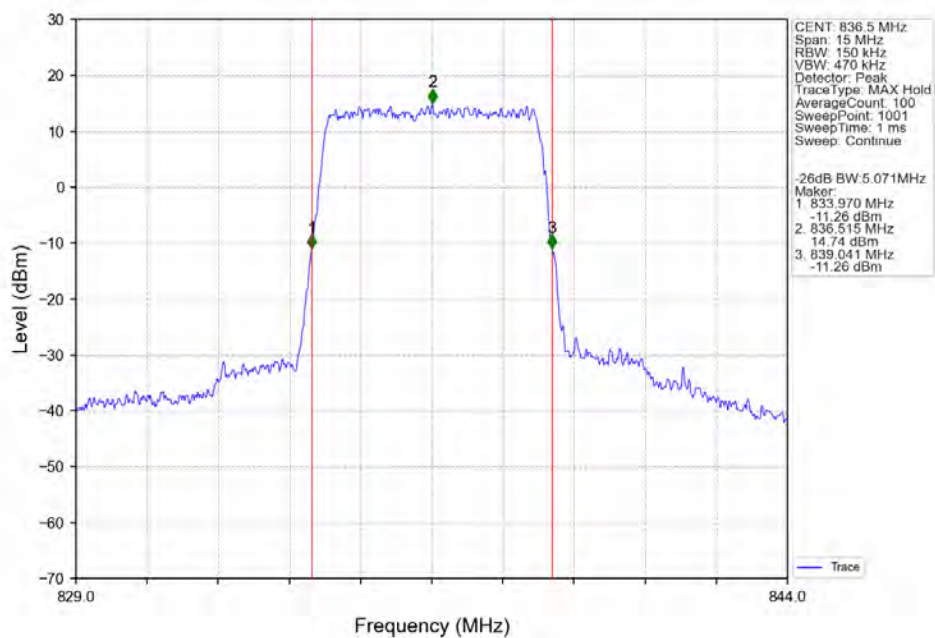
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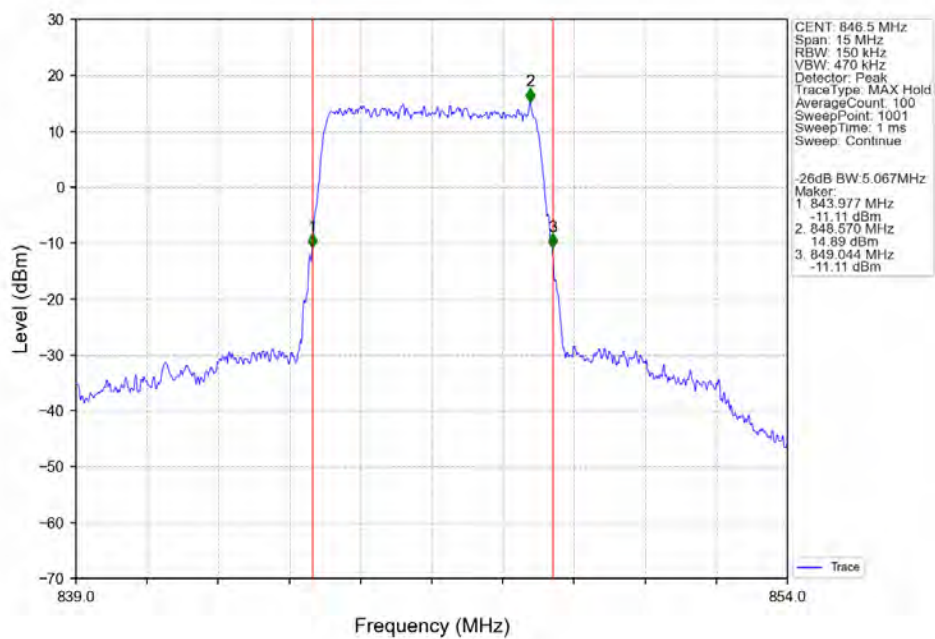
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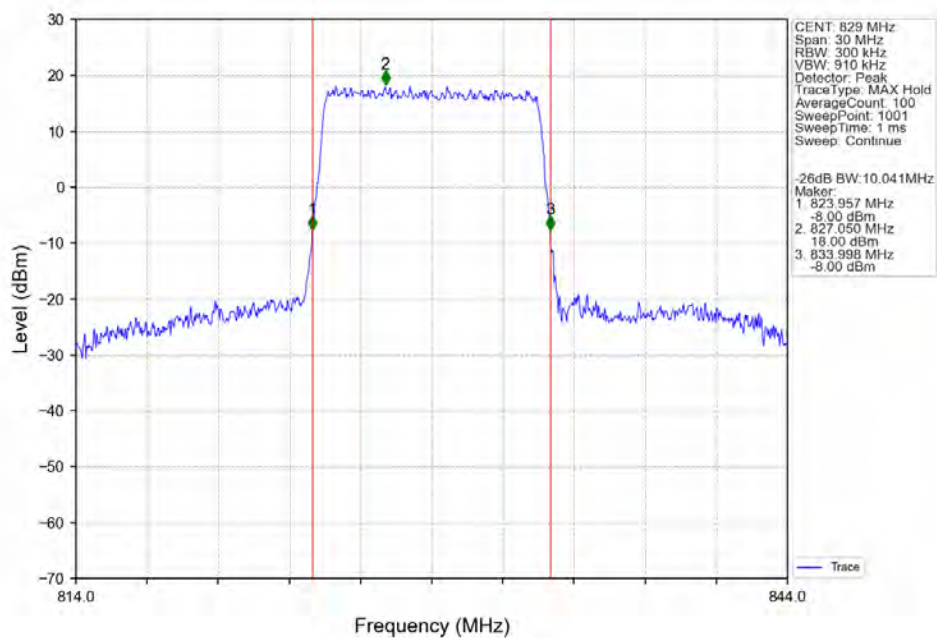
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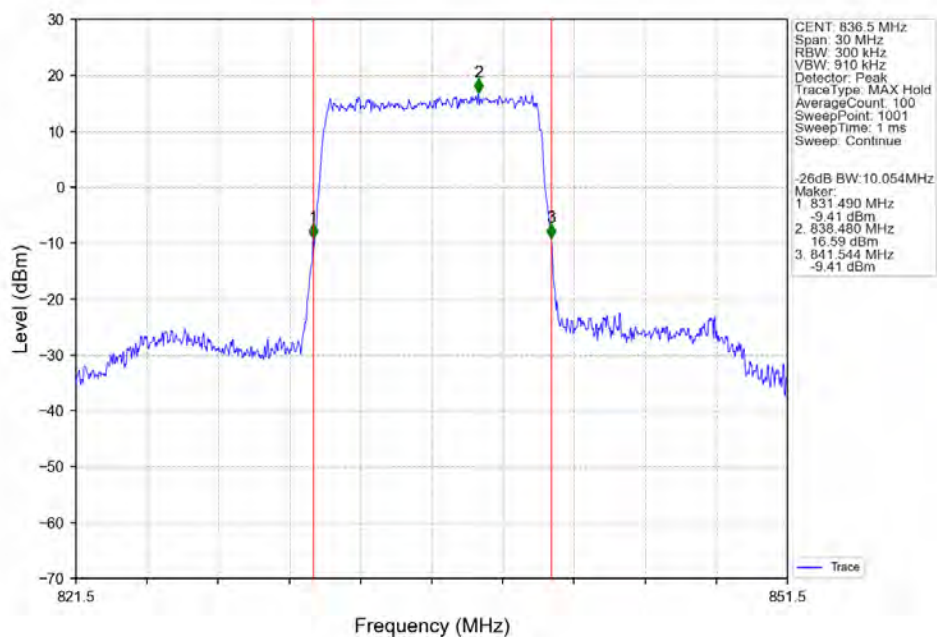
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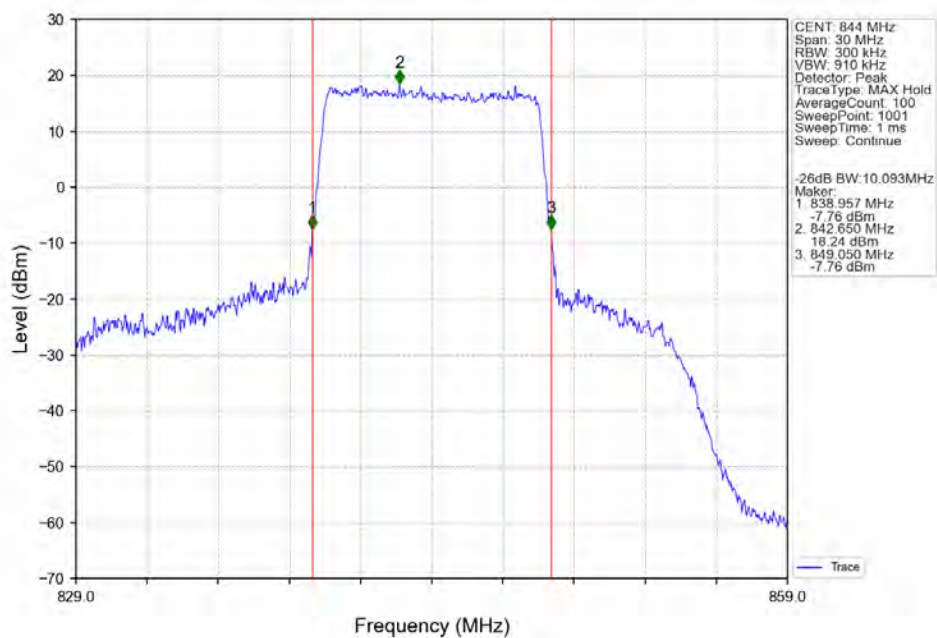
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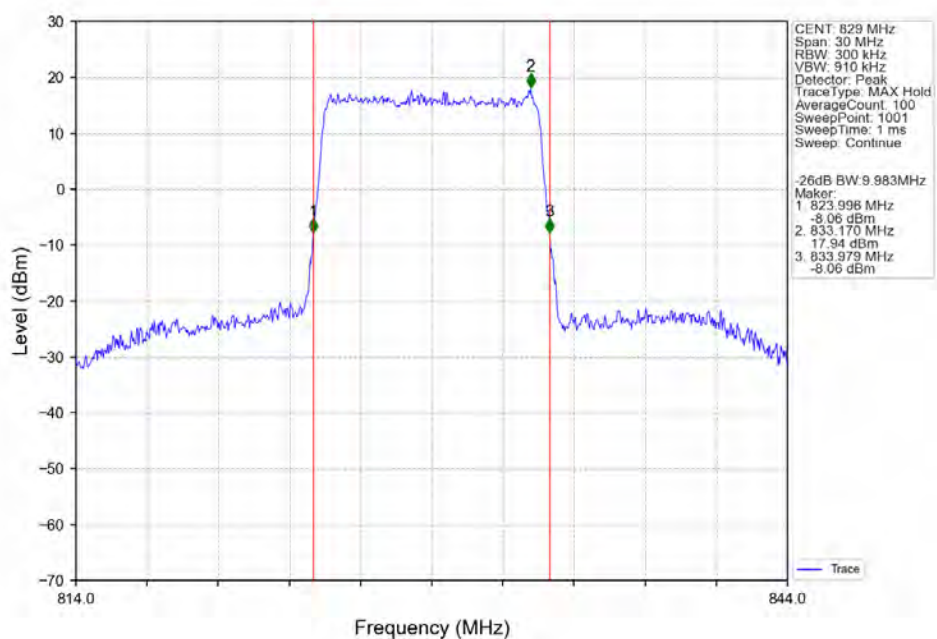
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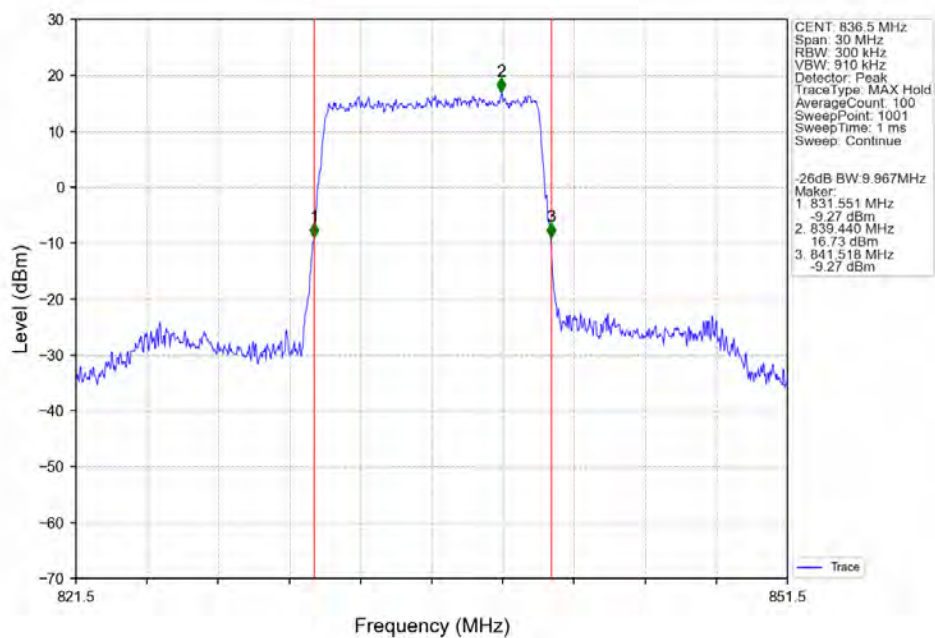
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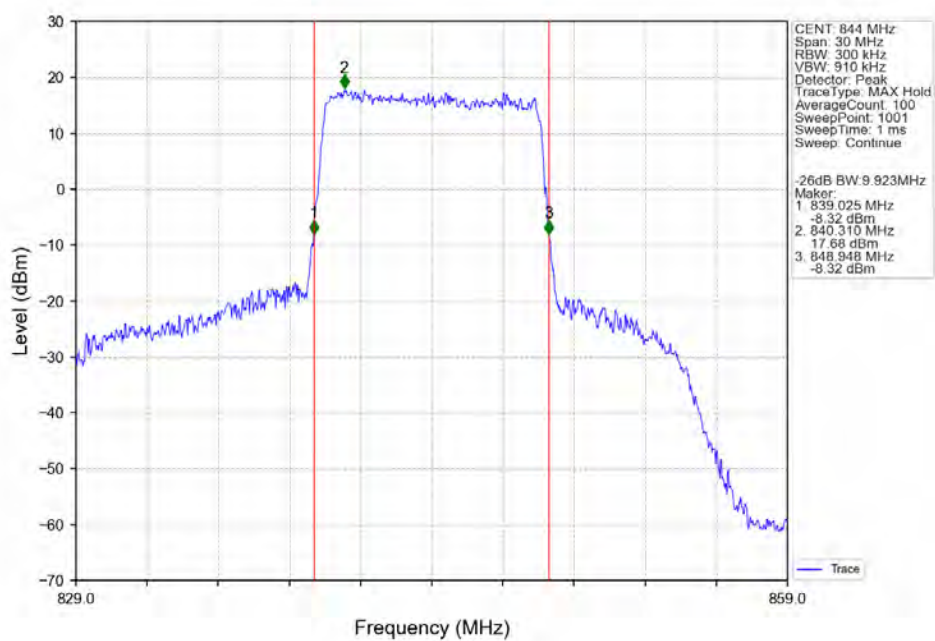
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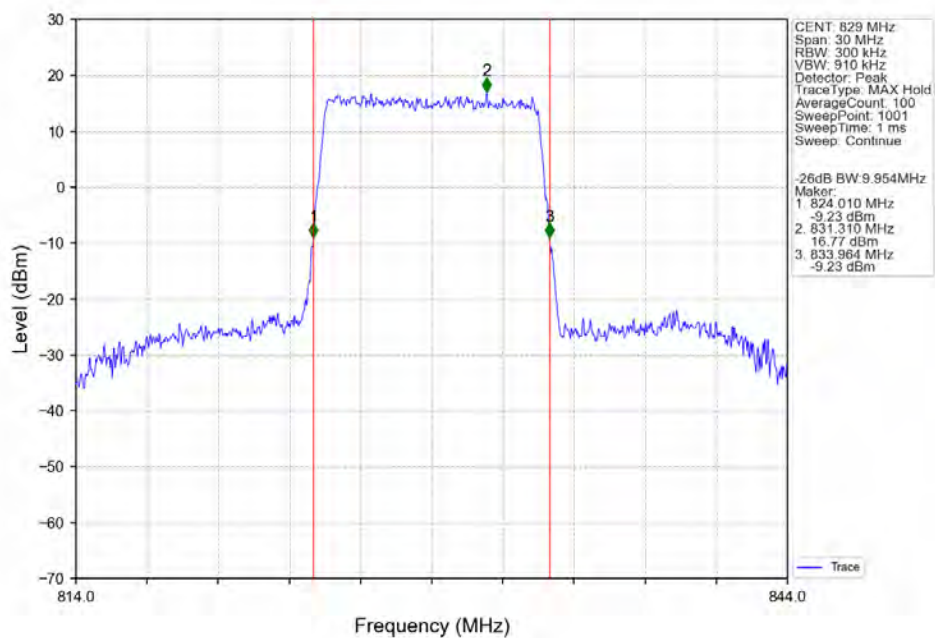
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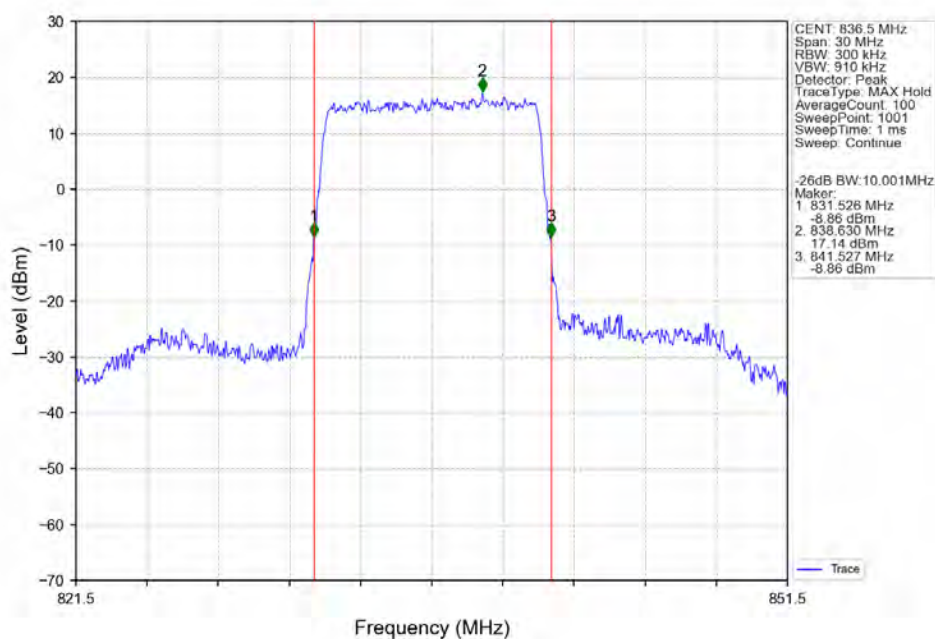
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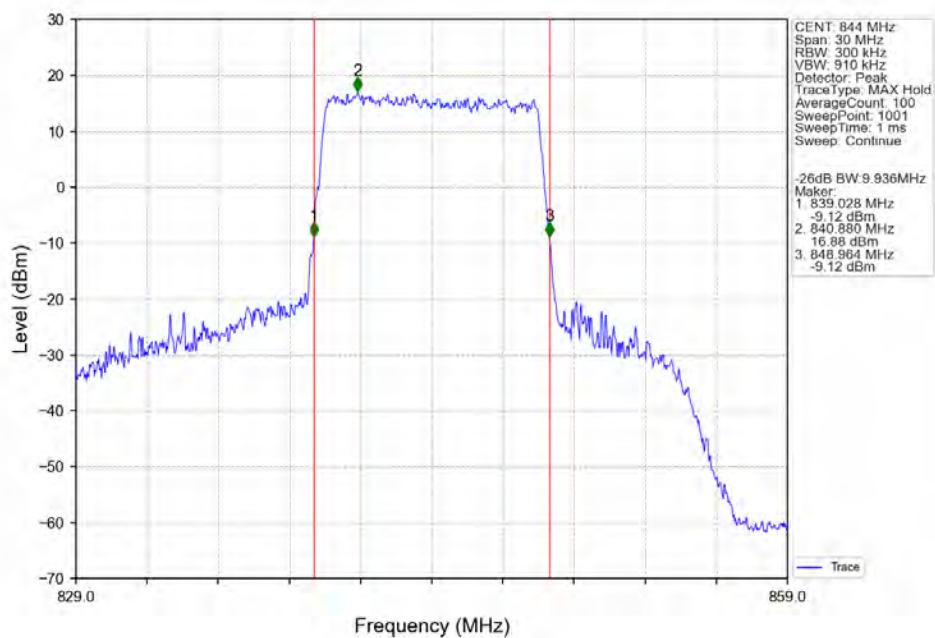
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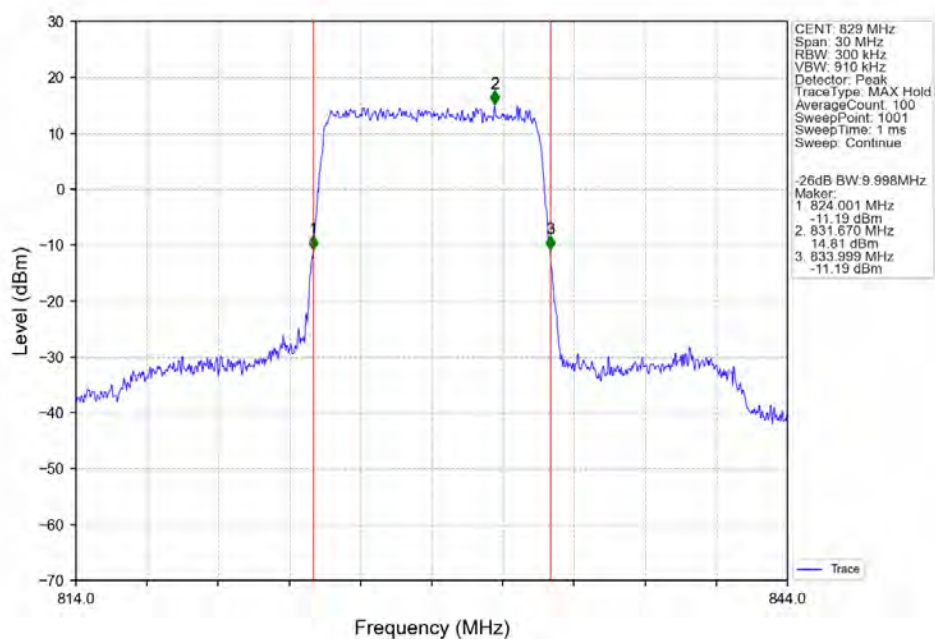
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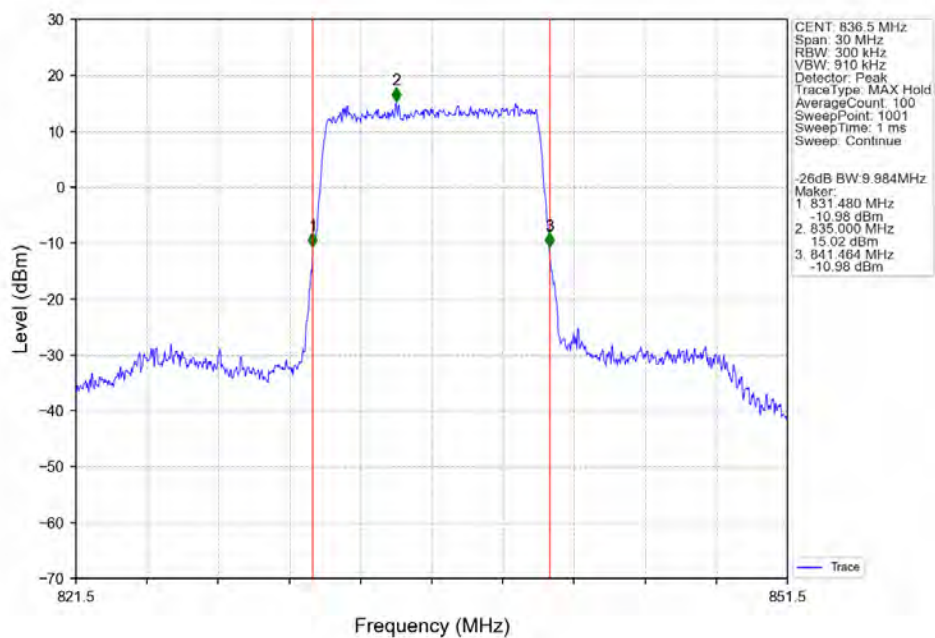
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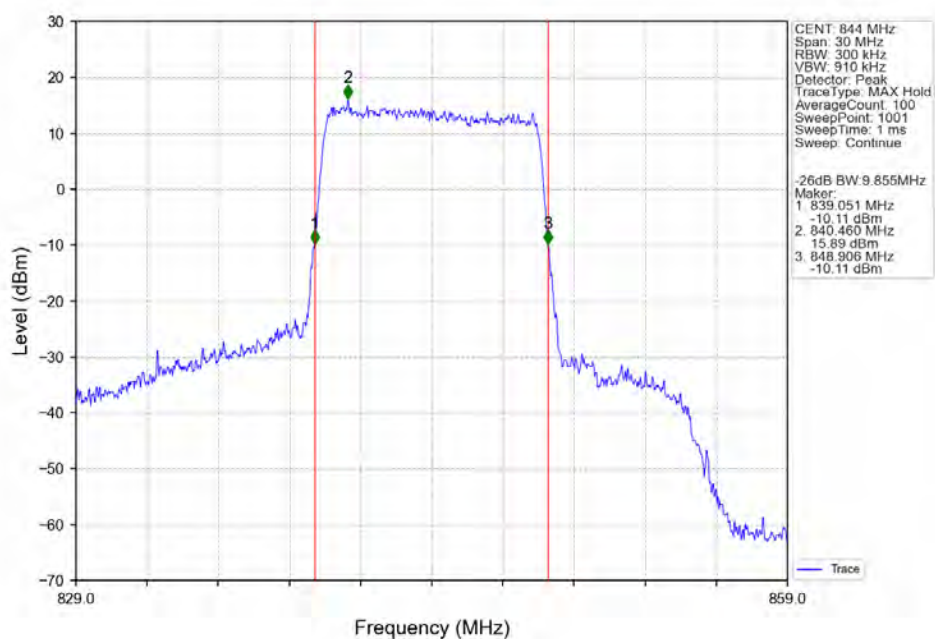
Band5_10MHz_256QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_HCH_844MHz_RB_50_0_NTNV



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	1.58	<=13	Pass
	836.5	6	0	1.60	<=13	Pass
	848.3	6	0	1.64	<=13	Pass
16QAM	824.7	6	0	1.99	<=13	Pass
	836.5	6	0	2.06	<=13	Pass
	848.3	6	0	2.08	<=13	Pass
64QAM	824.7	6	0	2.29	<=13	Pass
	836.5	6	0	2.35	<=13	Pass
	848.3	6	0	2.39	<=13	Pass
256QAM	824.7	6	0	3.02	<=13	Pass
	836.5	6	0	3.04	<=13	Pass
	848.3	6	0	3.13	<=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	2.28	<=13	Pass
	836.5	15	0	2.88	<=13	Pass
	847.5	15	0	2.31	<=13	Pass
16QAM	825.5	15	0	2.64	<=13	Pass
	836.5	15	0	2.88	<=13	Pass
	847.5	15	0	2.71	<=13	Pass
64QAM	825.5	15	0	2.84	<=13	Pass
	836.5	15	0	2.88	<=13	Pass
	847.5	15	0	2.89	<=13	Pass
256QAM	825.5	15	0	3.32	<=13	Pass
	836.5	15	0	3.39	<=13	Pass
	847.5	15	0	3.39	<=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	2.95	<=13	Pass
	836.5	25	0	3.59	<=13	Pass
	846.5	25	0	2.99	<=13	Pass
16QAM	826.5	25	0	3.39	<=13	Pass
	836.5	25	0	3.59	<=13	Pass
	846.5	25	0	3.45	<=13	Pass

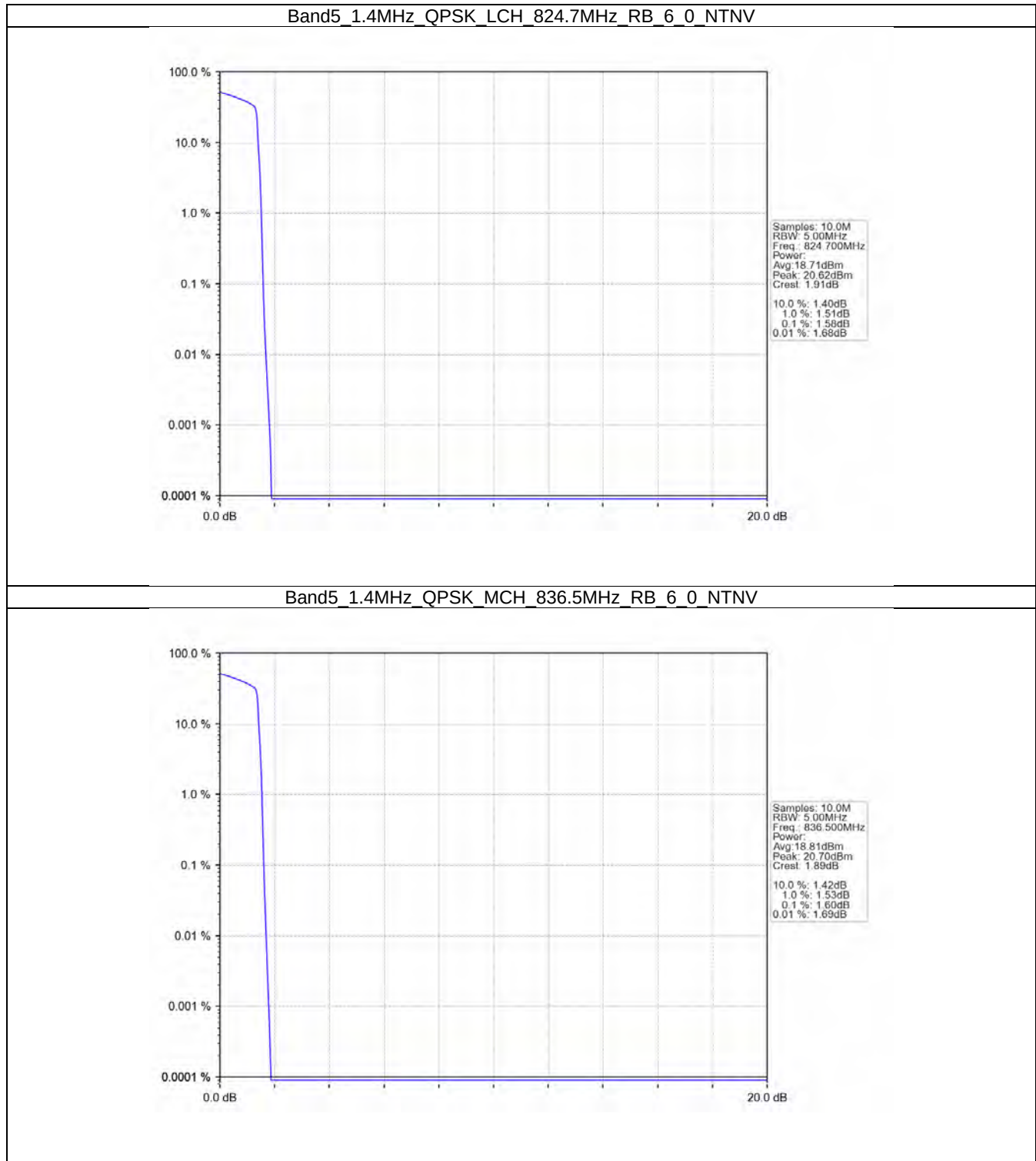
64QAM	826.5	25	0	3.55	<=13	Pass
	836.5	25	0	3.59	<=13	Pass
	846.5	25	0	3.61	<=13	Pass
256QAM	826.5	25	0	3.95	<=13	Pass
	836.5	25	0	4.00	<=13	Pass
	846.5	25	0	4.02	<=13	Pass

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	3.88	<=13	Pass
	836.5	50	0	4.21	<=13	Pass
	844	50	0	3.83	<=13	Pass
16QAM	829	50	0	4.10	<=13	Pass
	836.5	50	0	4.21	<=13	Pass
	844	50	0	4.09	<=13	Pass
64QAM	829	50	0	4.20	<=13	Pass
	836.5	50	0	4.20	<=13	Pass
	844	50	0	4.20	<=13	Pass
256QAM	829	50	0	4.44	<=13	Pass
	836.5	50	0	4.49	<=13	Pass
	844	50	0	4.45	<=13	Pass

4.2 Test Graph

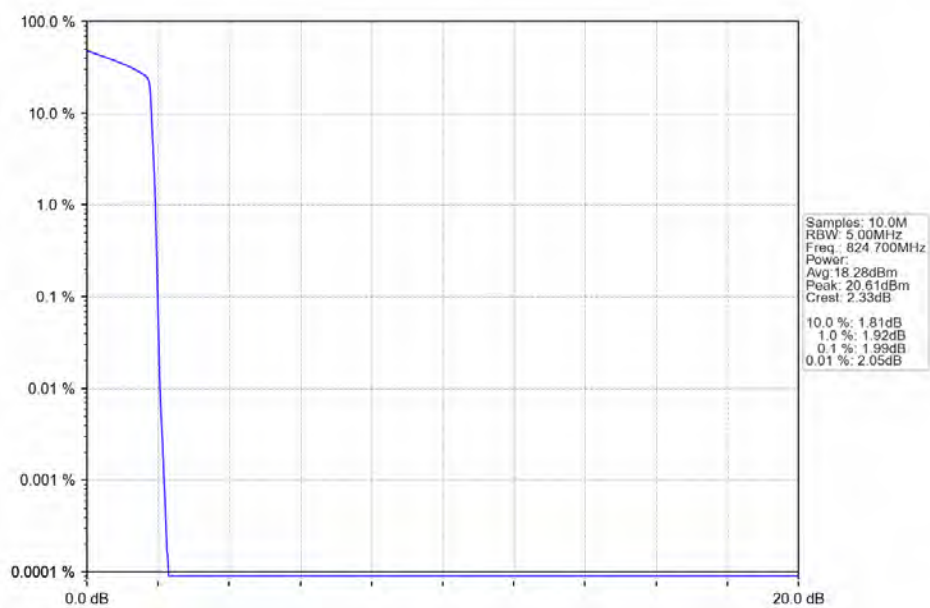
4.2.1 B5_1.4MHz



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



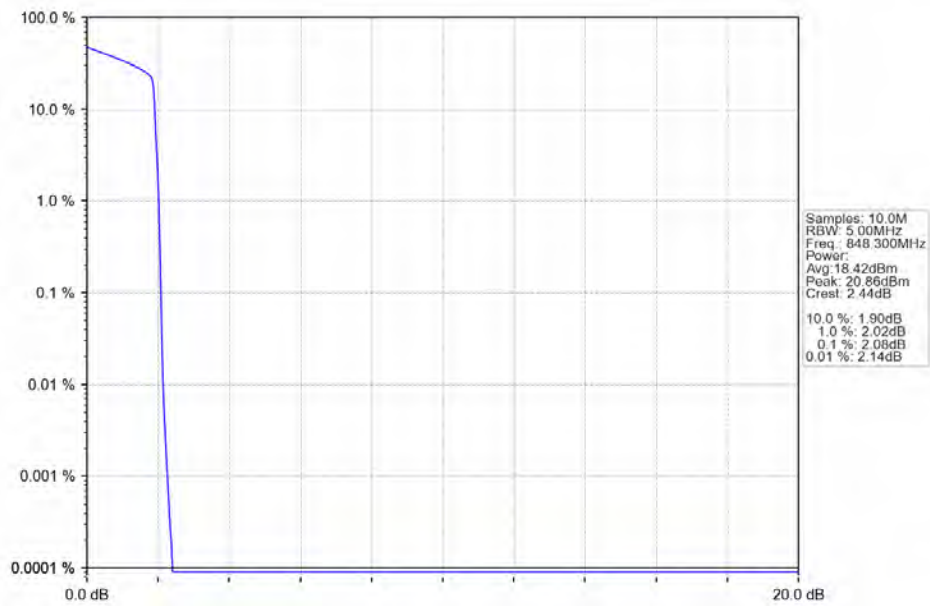
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



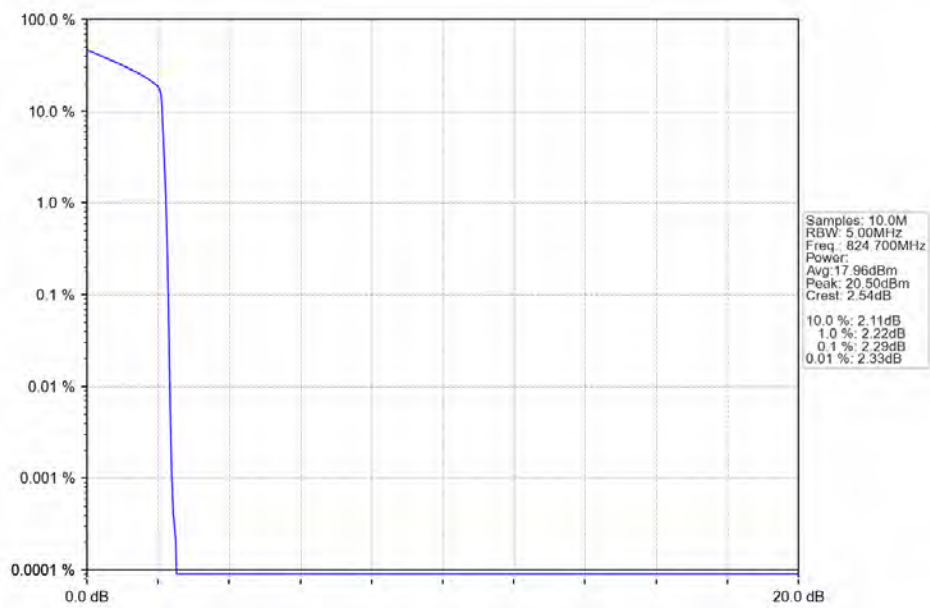
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



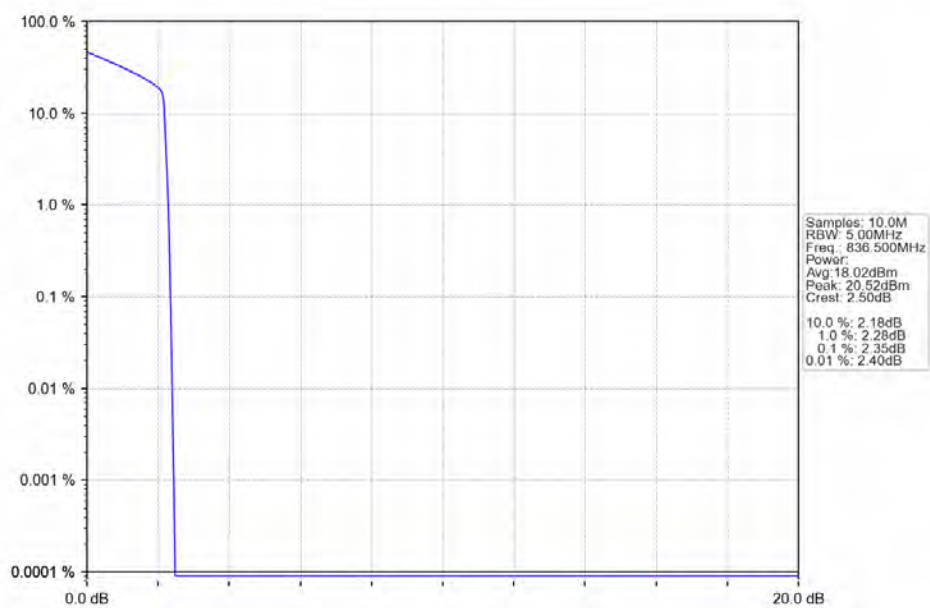
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



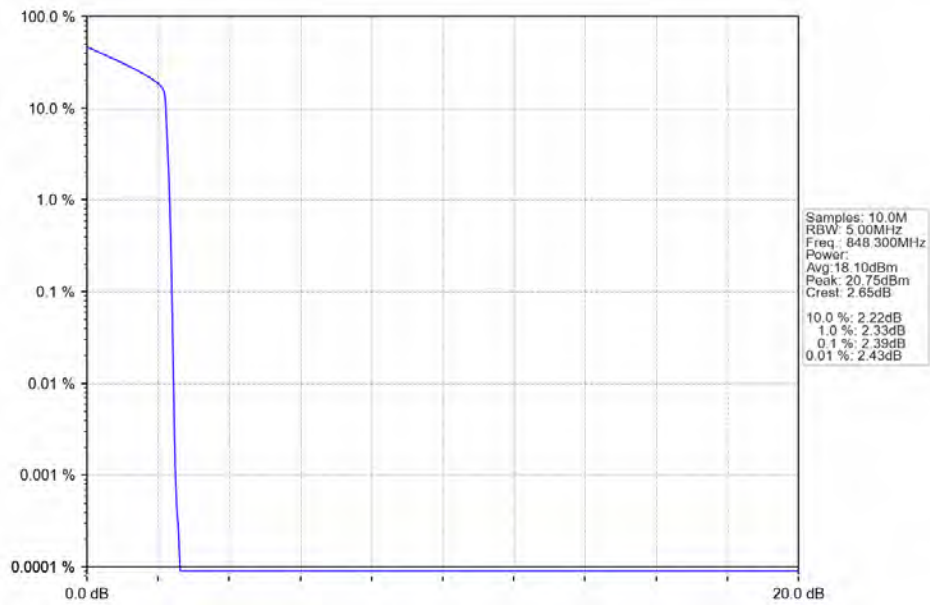
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



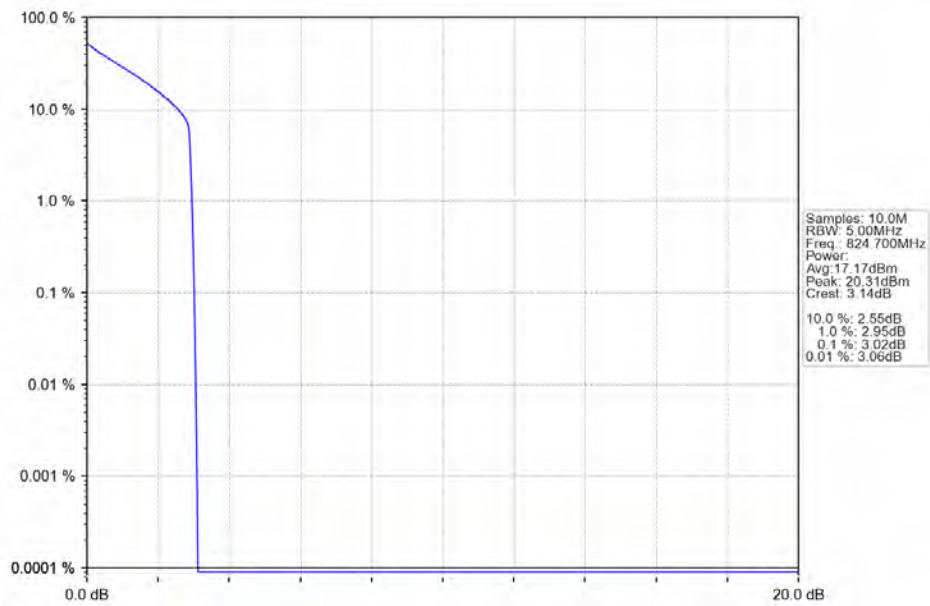
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



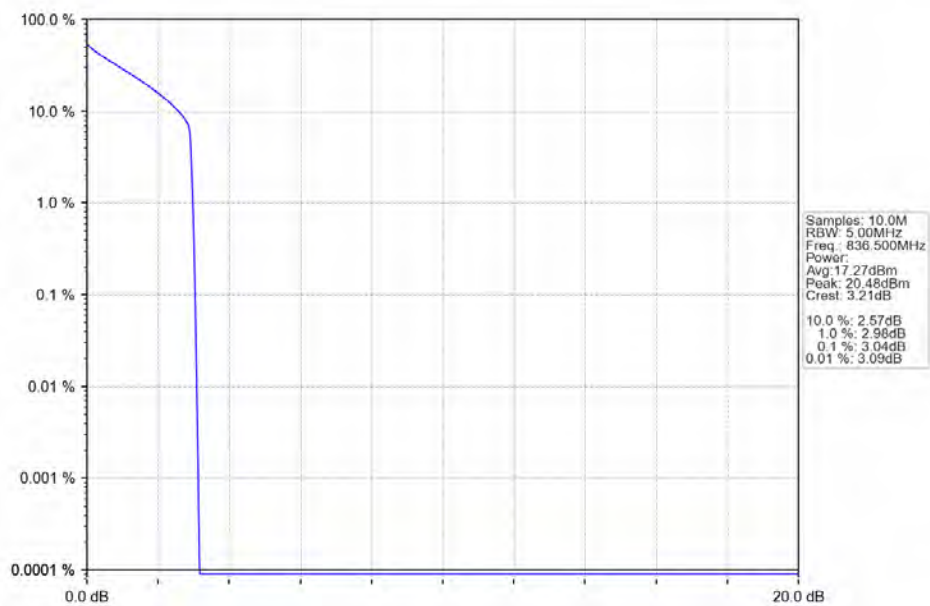
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



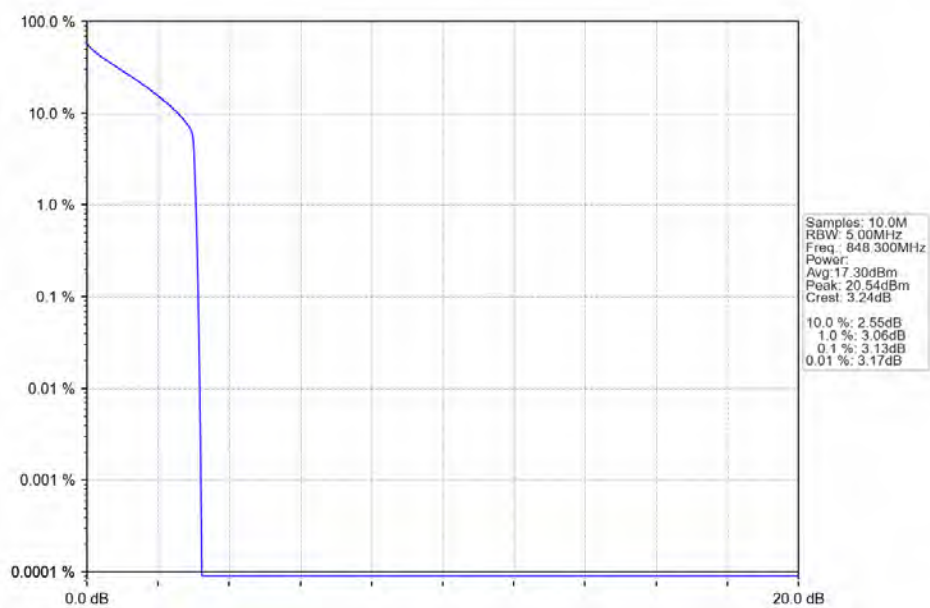
Band5_1.4MHz_256QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_256QAM_MCH_836.5MHz_RB_6_0_NTNV

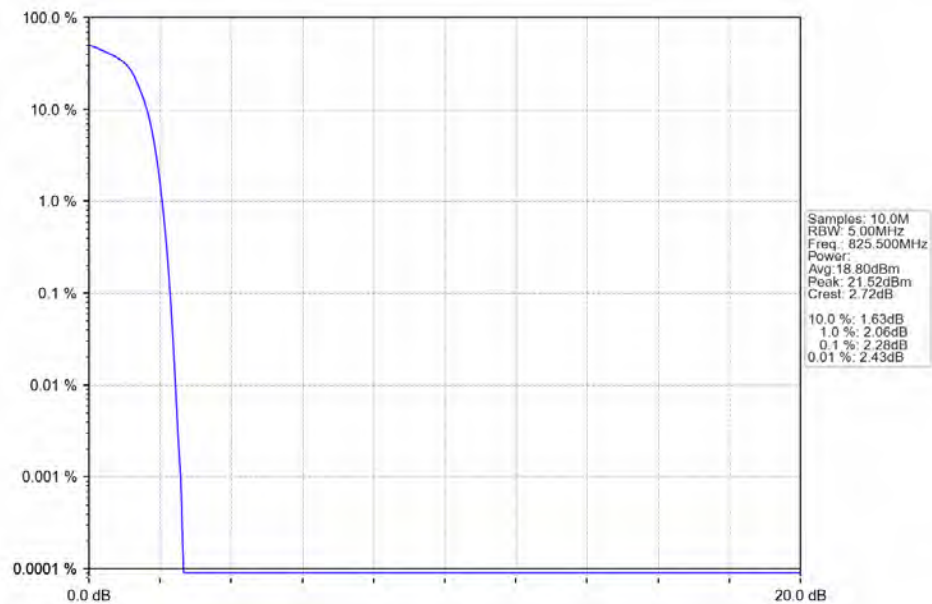


Band5_1.4MHz_256QAM_HCH_848.3MHz_RB_6_0_NTNV

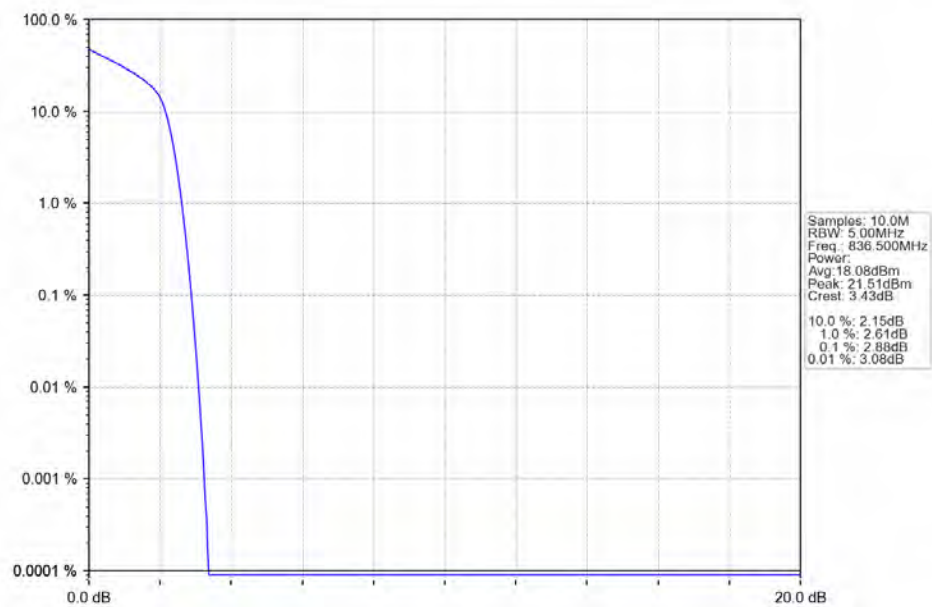


4.2.2 B5_3MHz

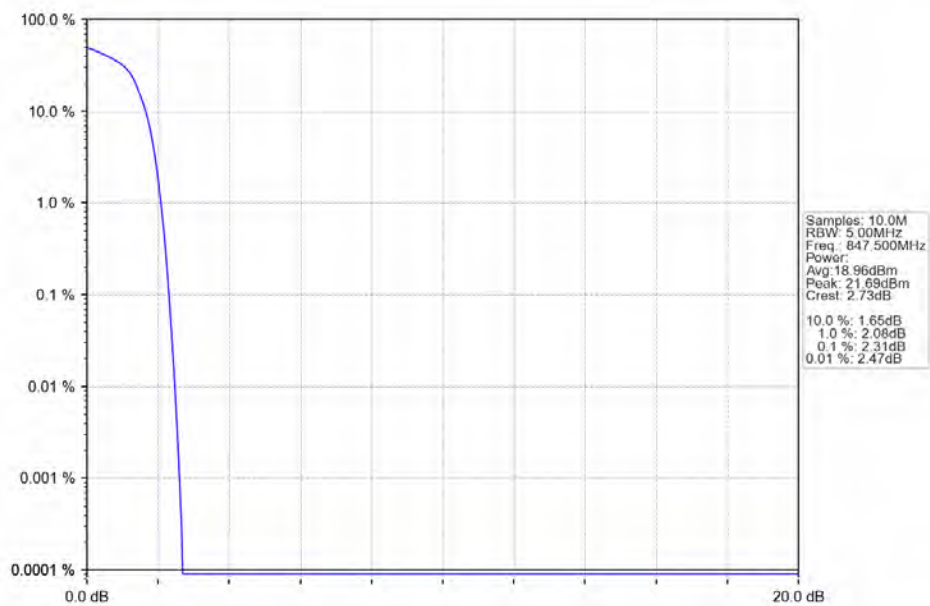
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



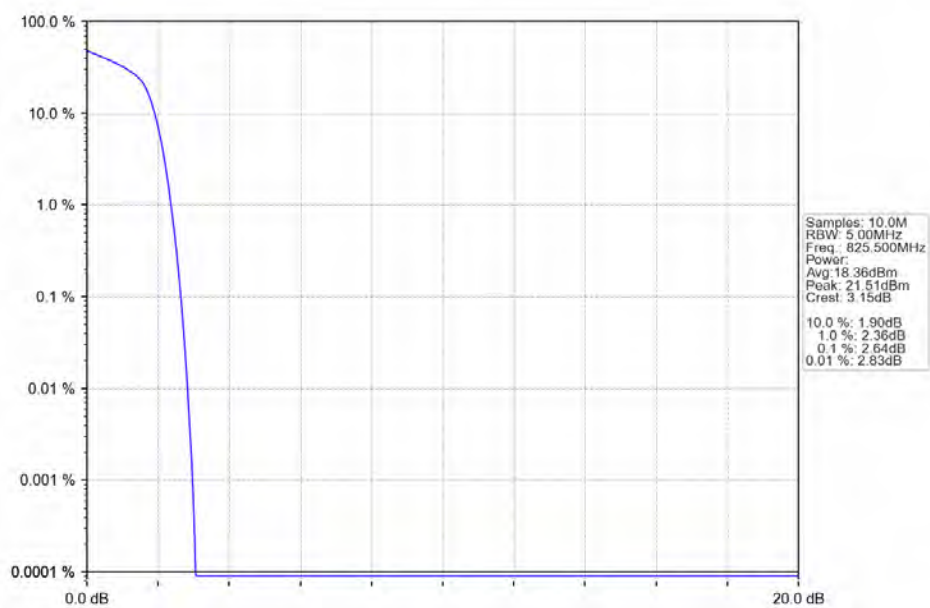
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



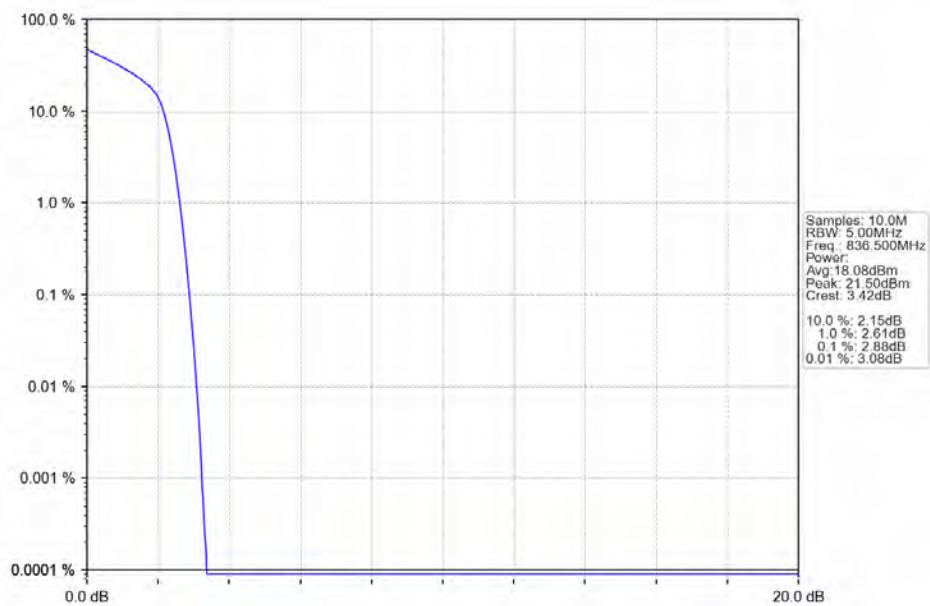
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



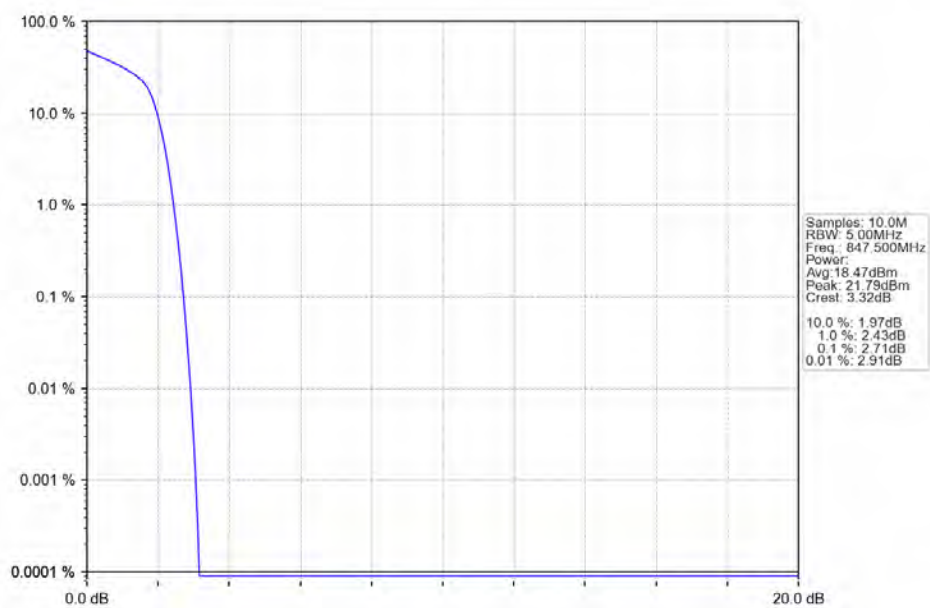
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



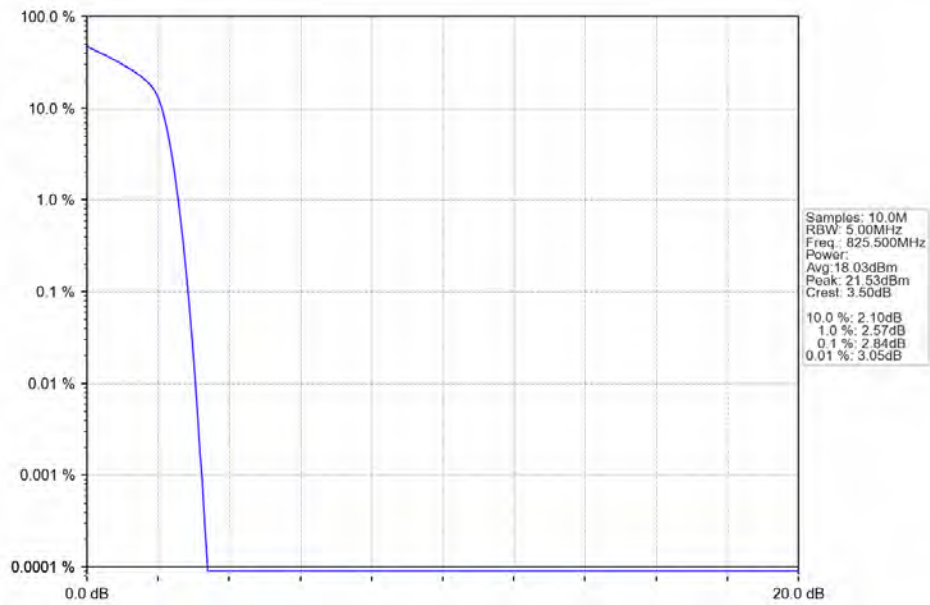
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



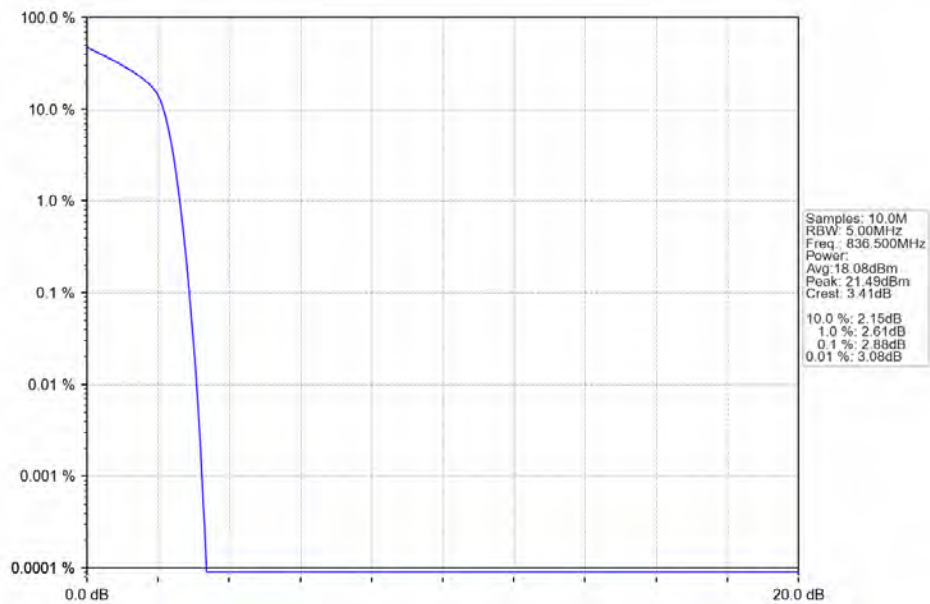
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



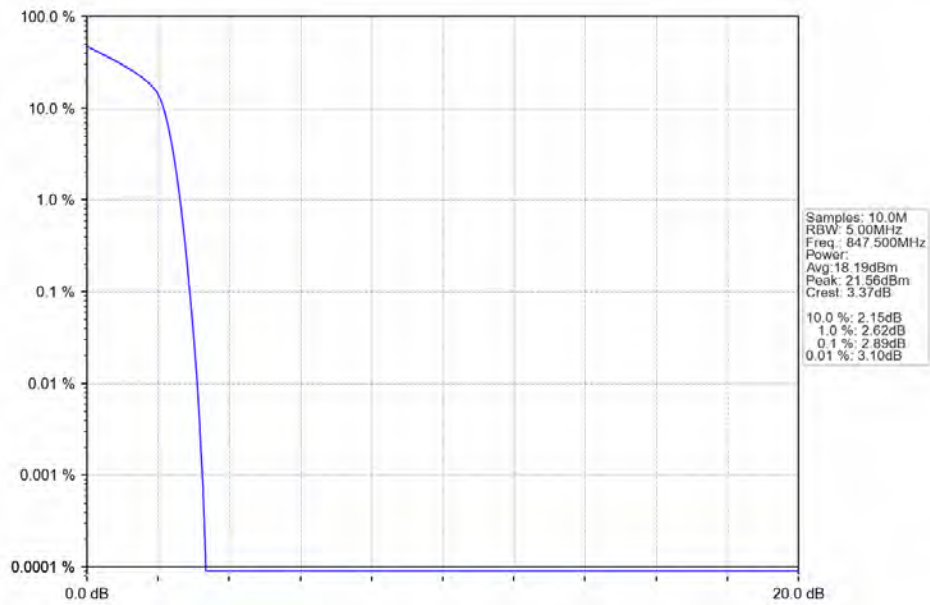
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



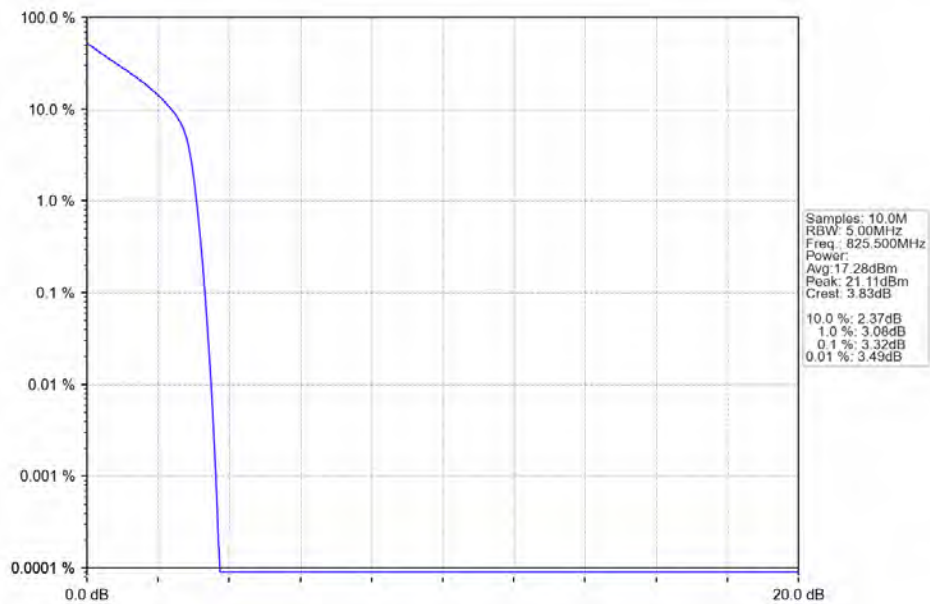
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



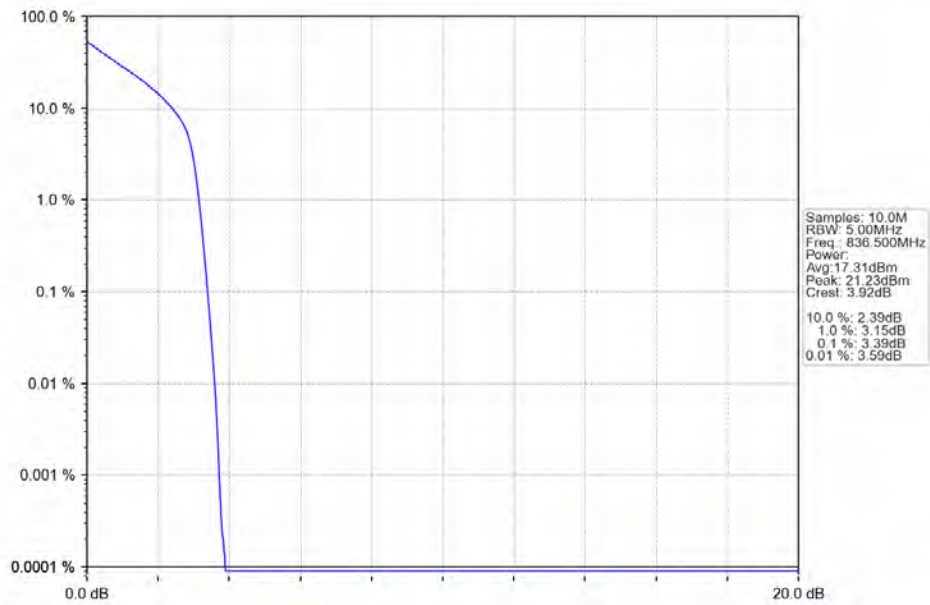
Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



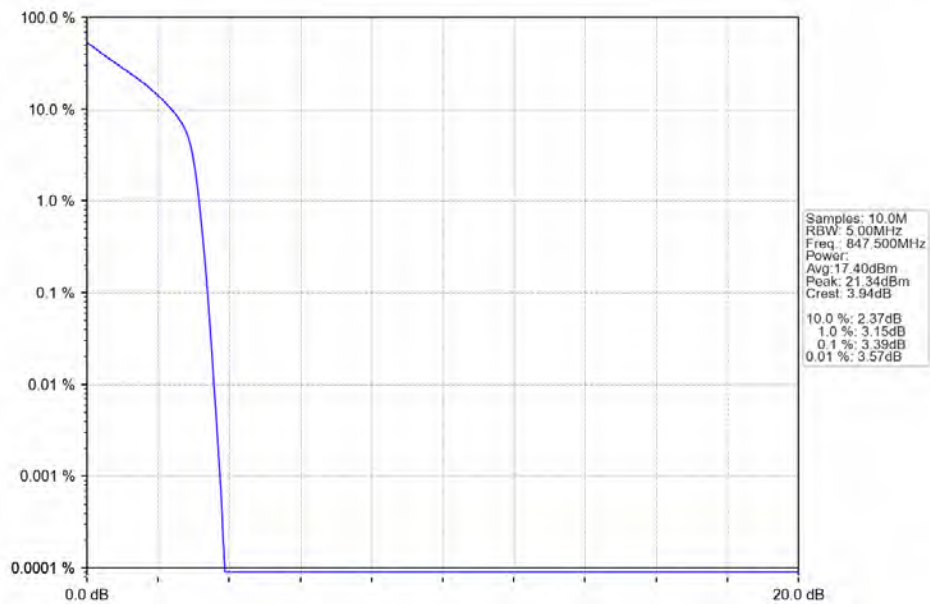
Band5_3MHz_256QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_256QAM_MCH_836.5MHz_RB_15_0_NTNV

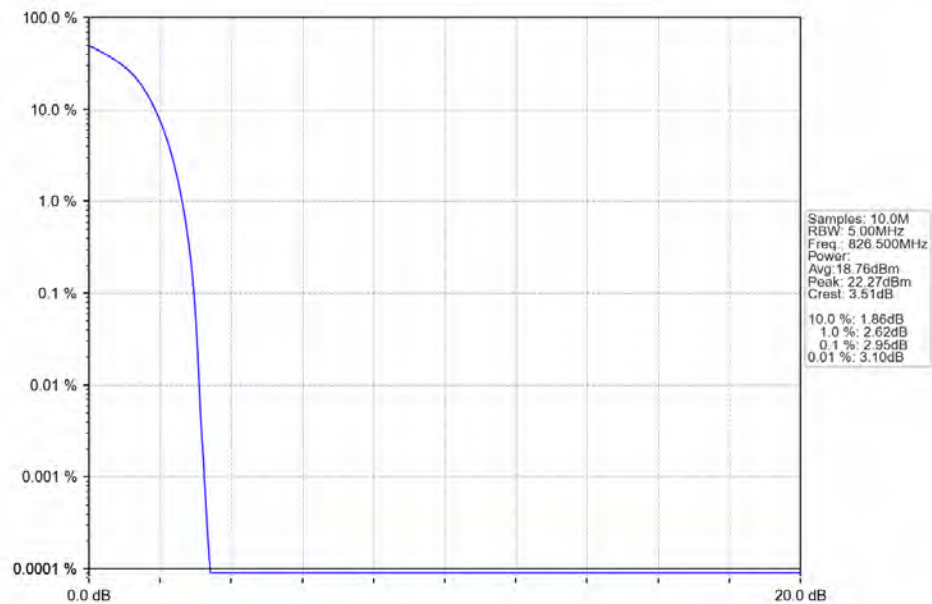


Band5_3MHz_256QAM_HCH_847.5MHz_RB_15_0_NTNV

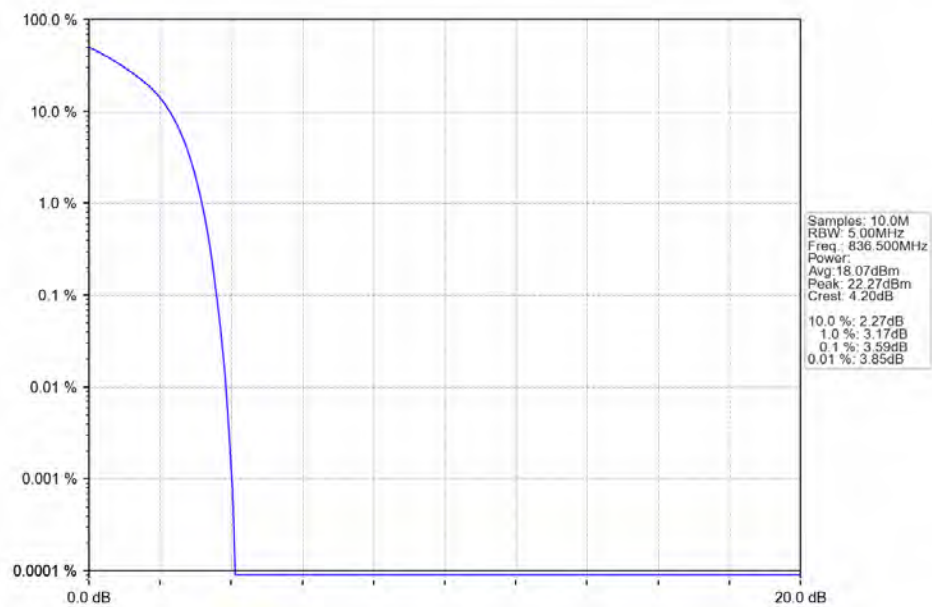


4.2.3 B5_5MHz

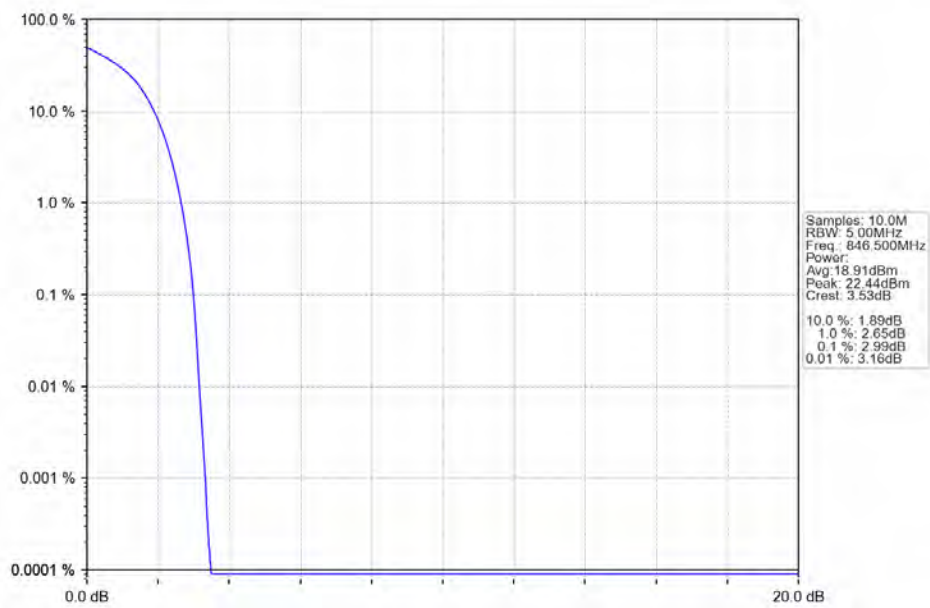
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



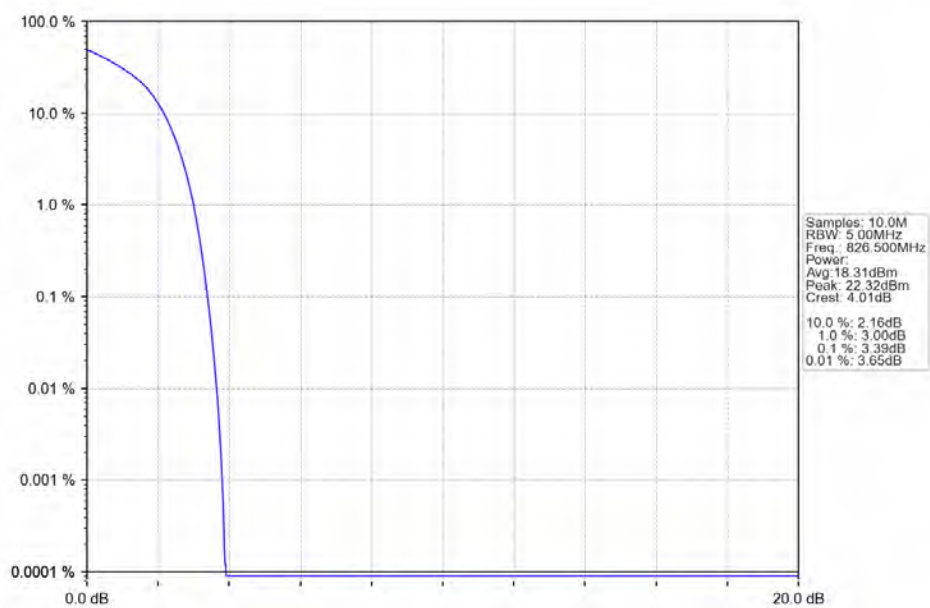
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



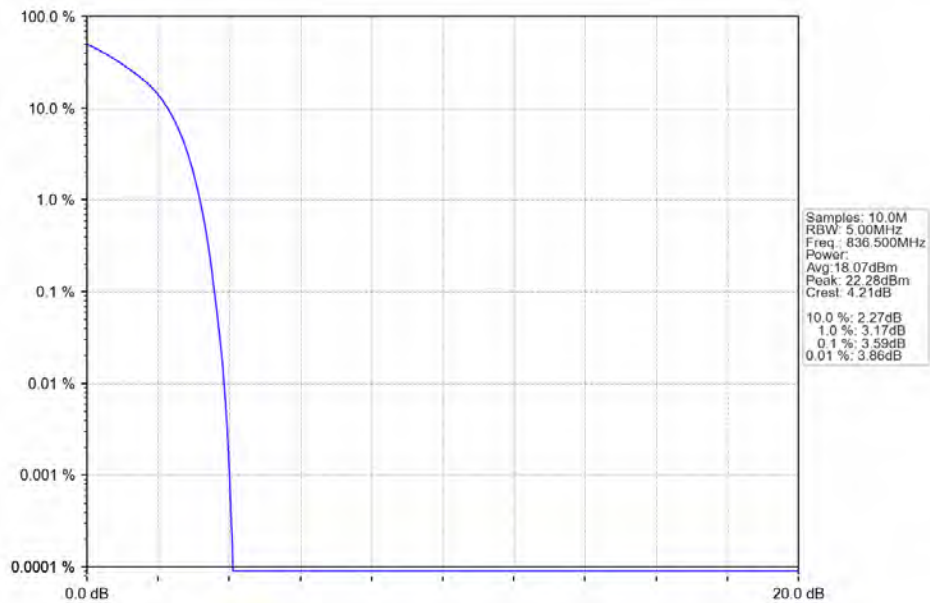
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



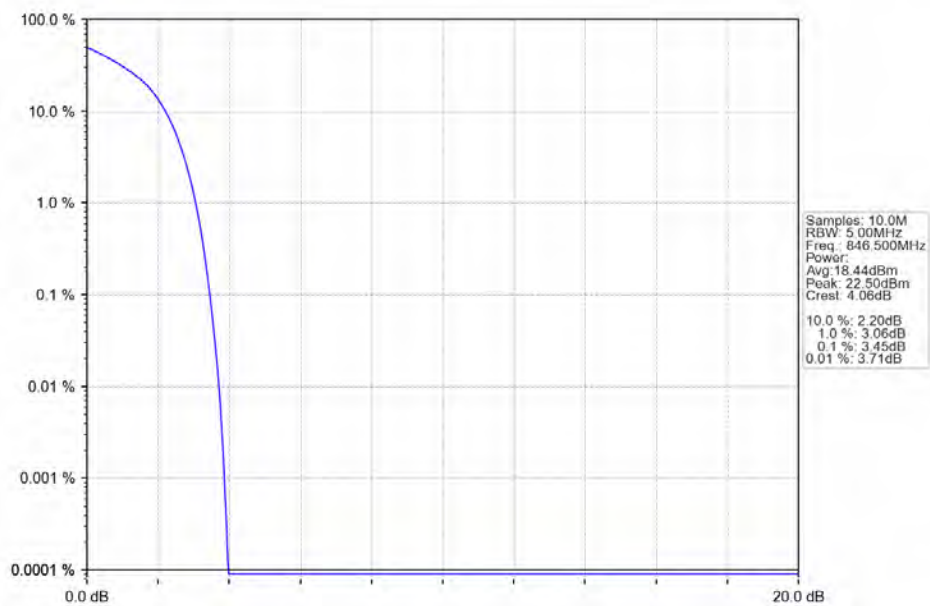
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



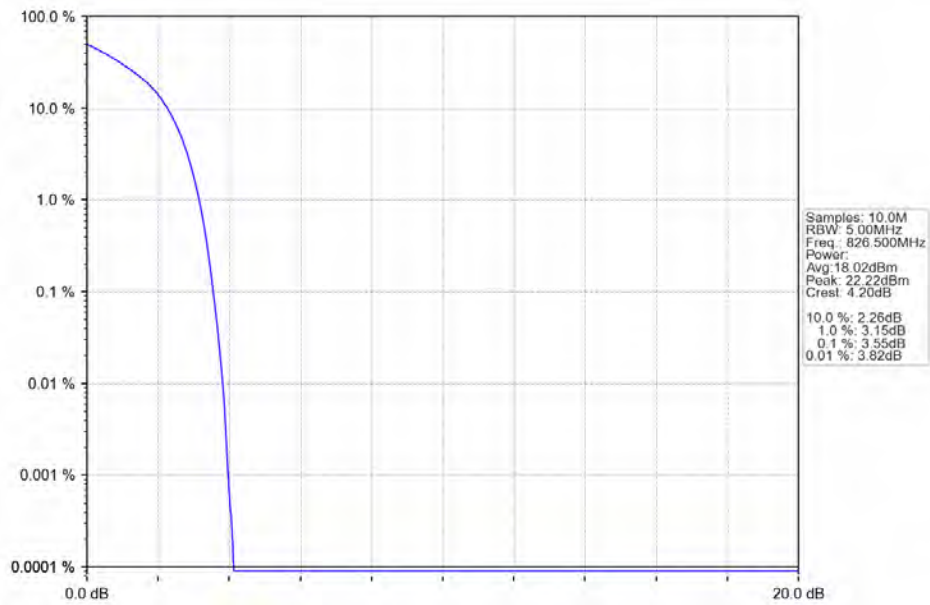
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



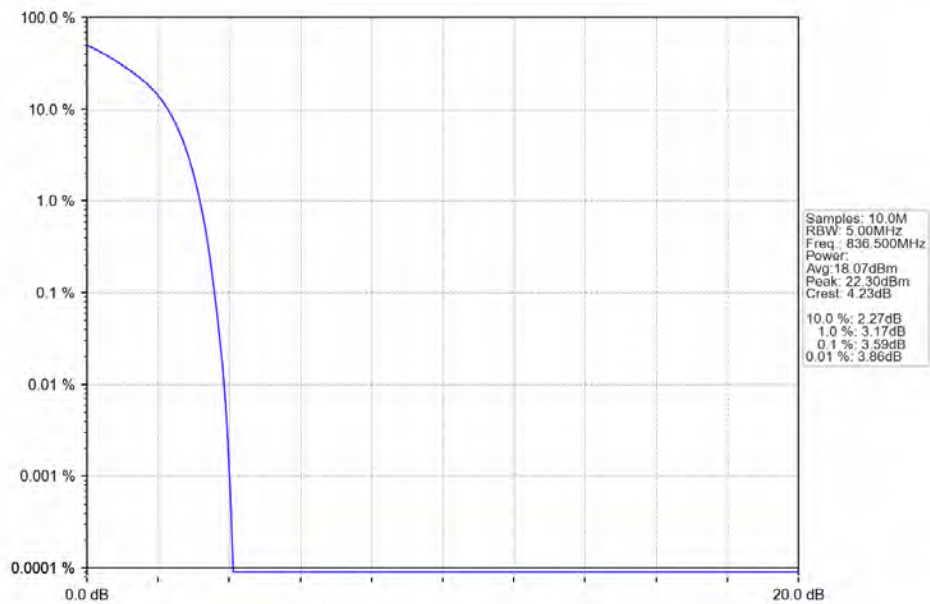
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



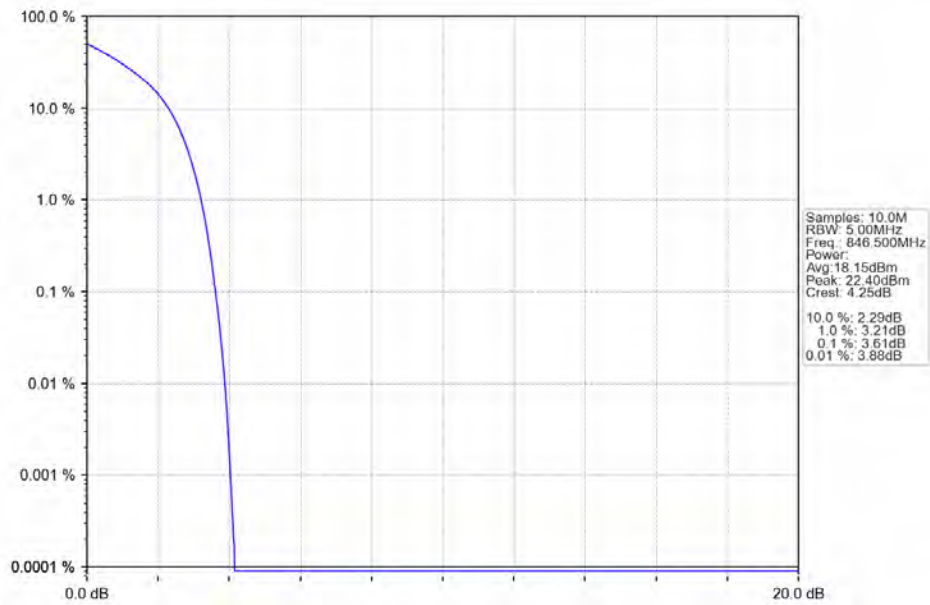
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



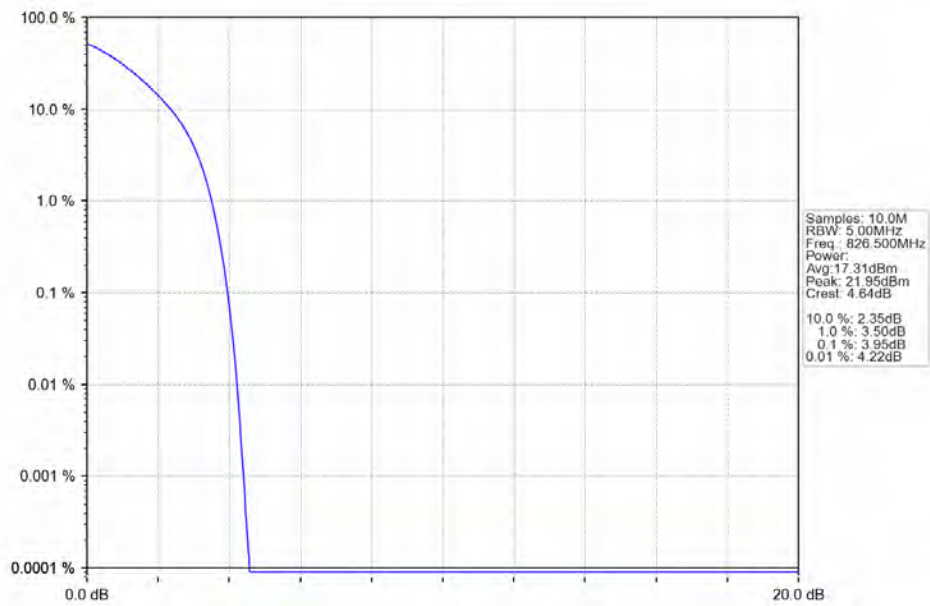
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



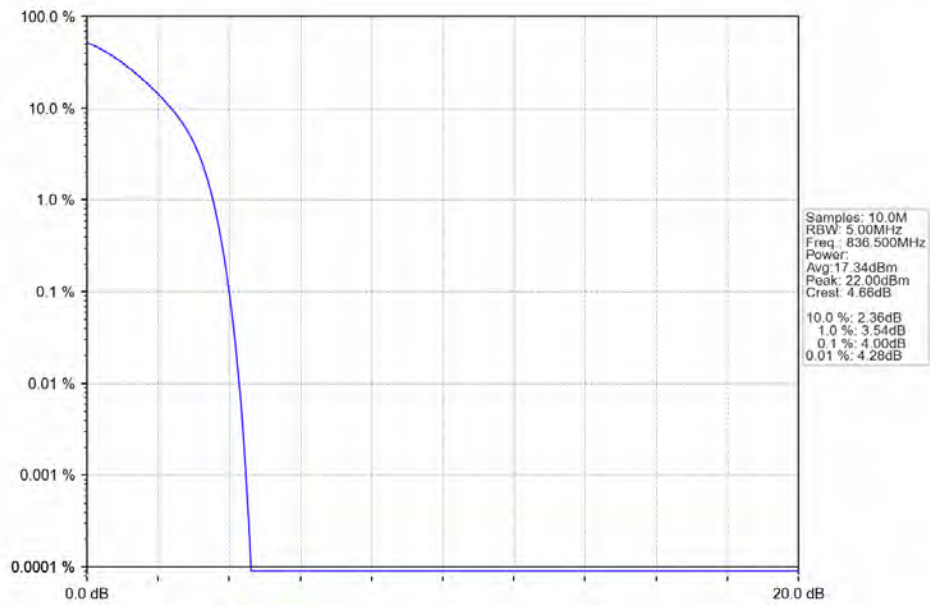
Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



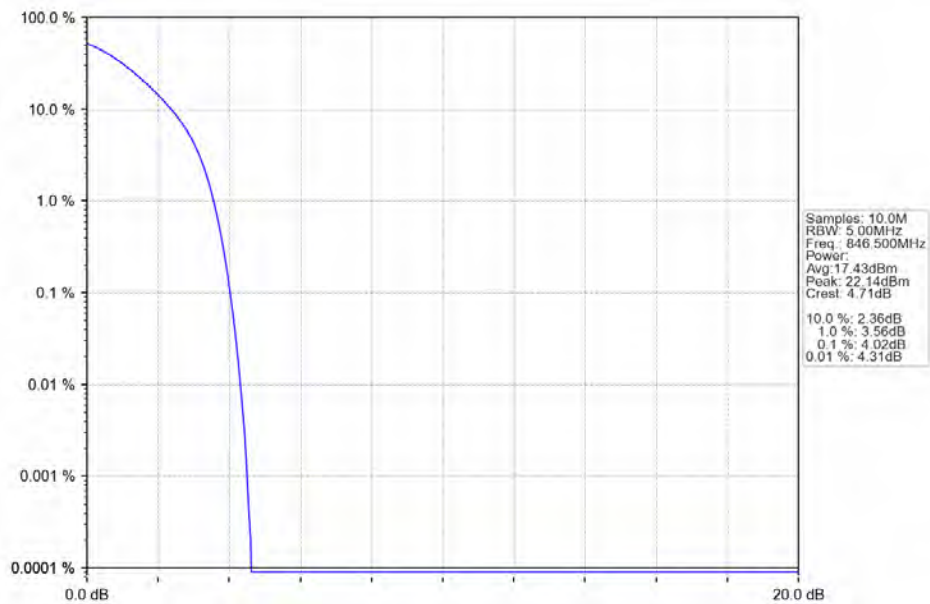
Band5_5MHz_256QAM_LCH_826.5MHz_RB_25_0_NTNV



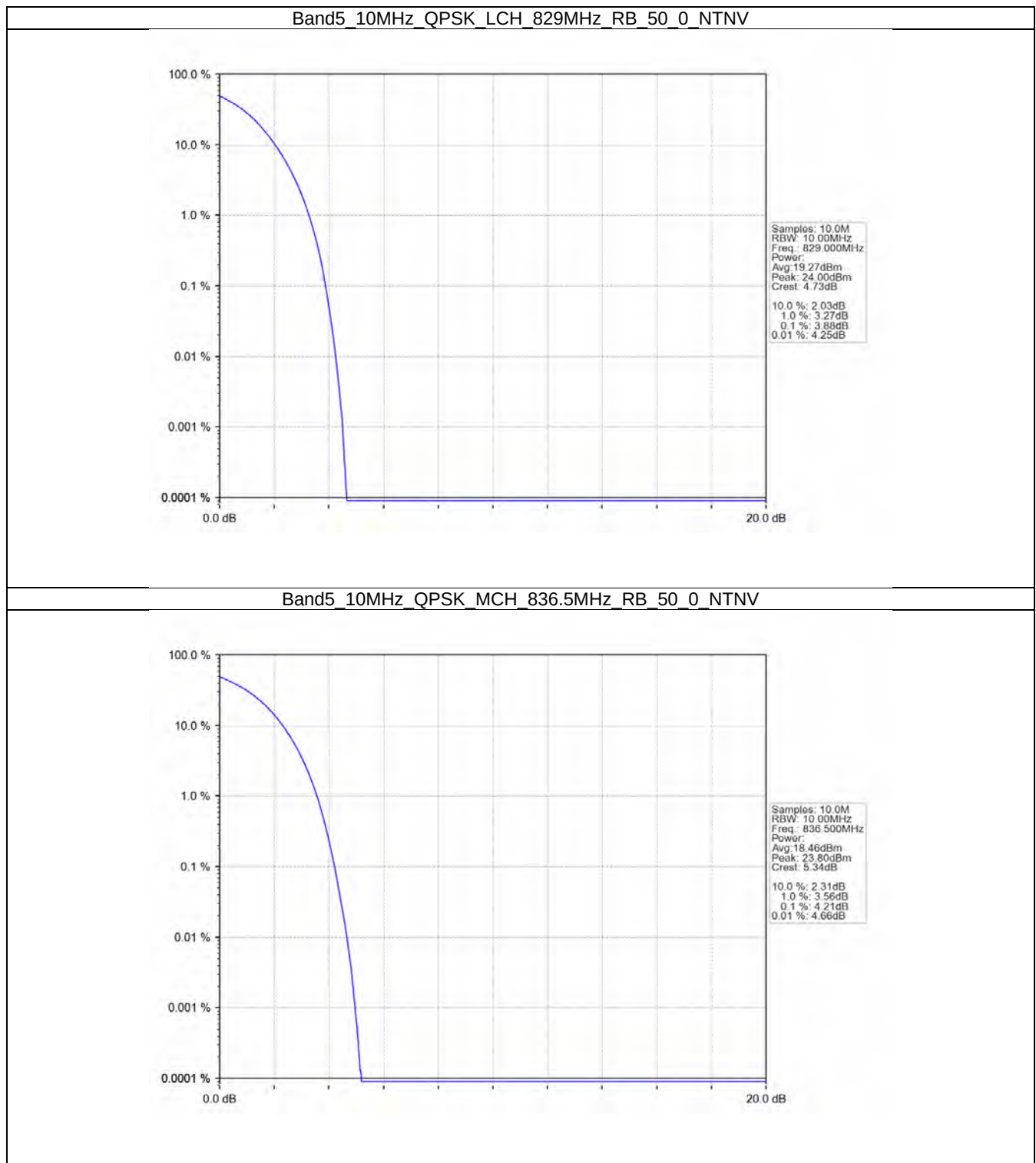
Band5_5MHz_256QAM_MCH_836.5MHz_RB_25_0_NTNV



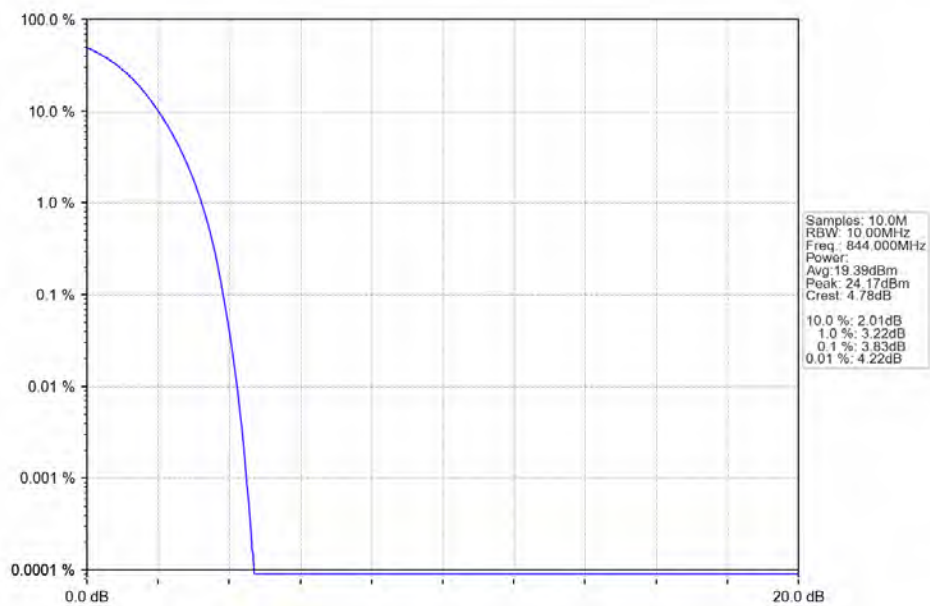
Band5_5MHz_256QAM_HCH_846.5MHz_RB_25_0_NTNV



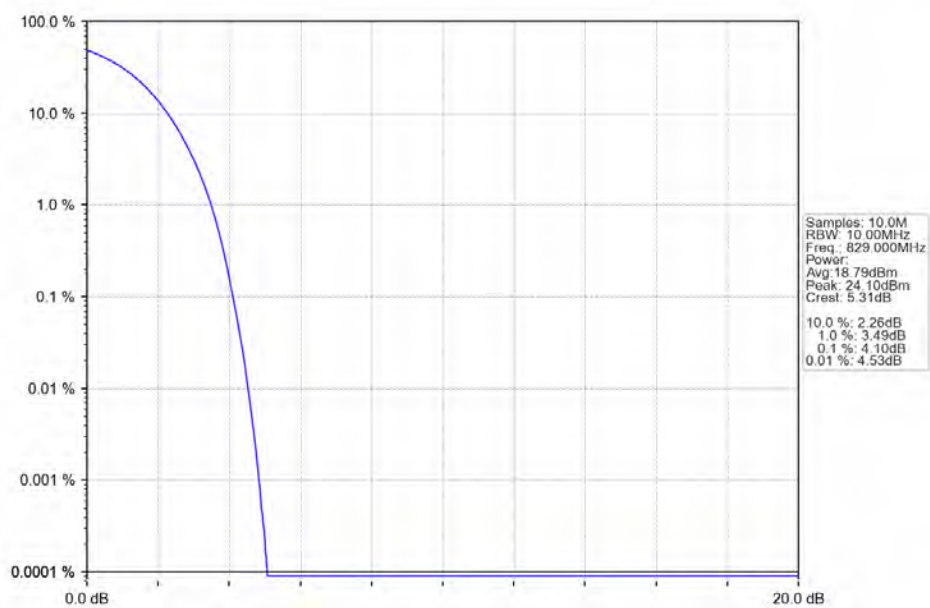
4.2.4 B5_10MHz



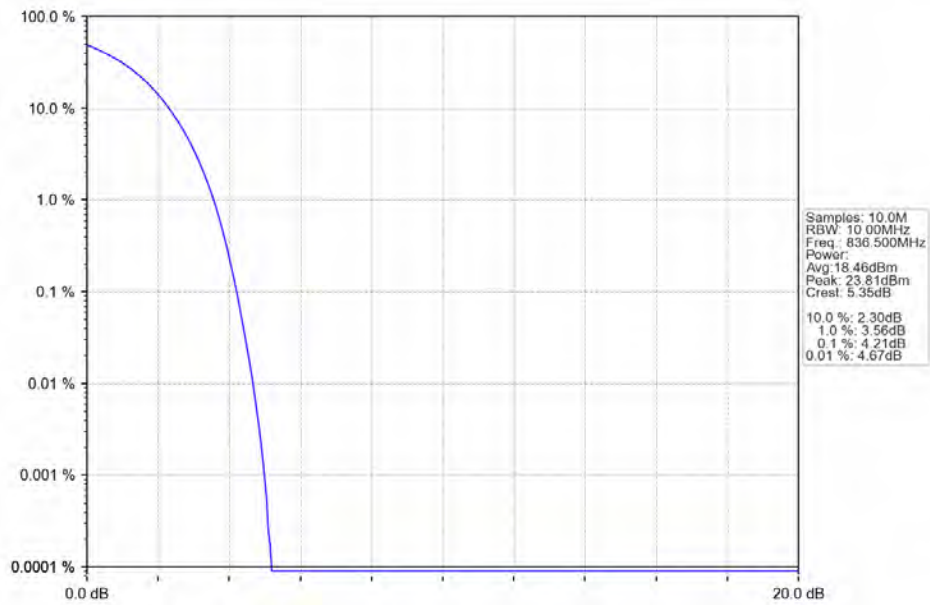
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



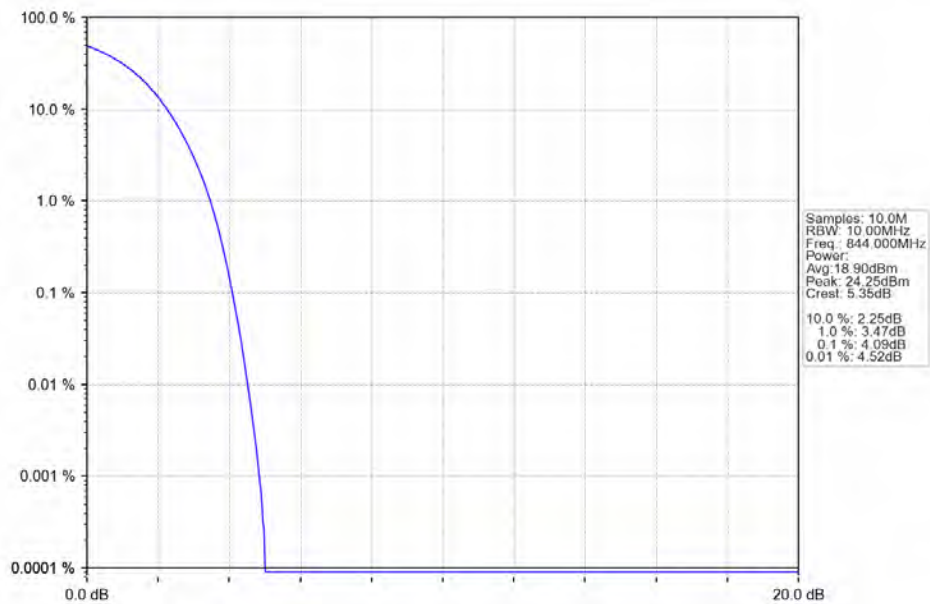
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



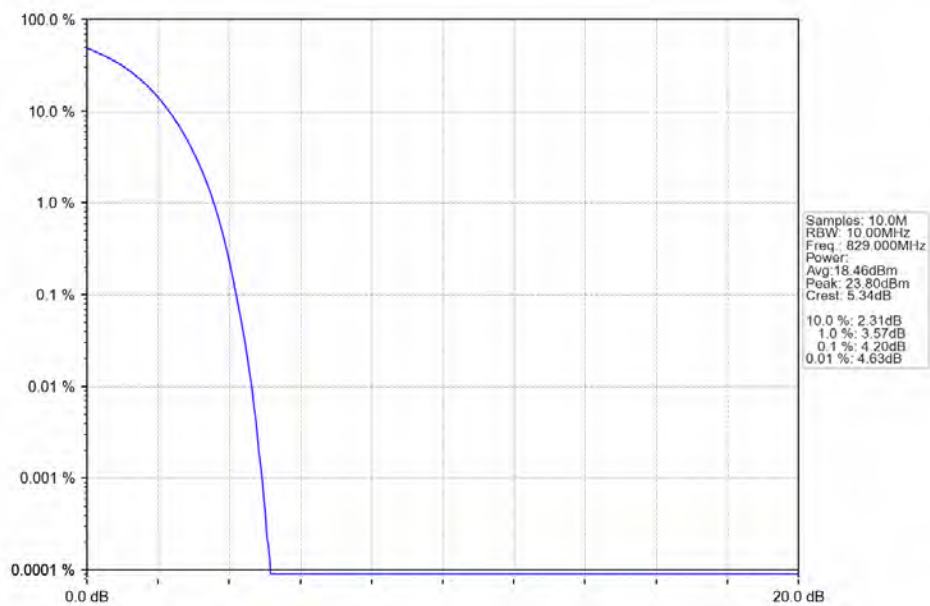
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



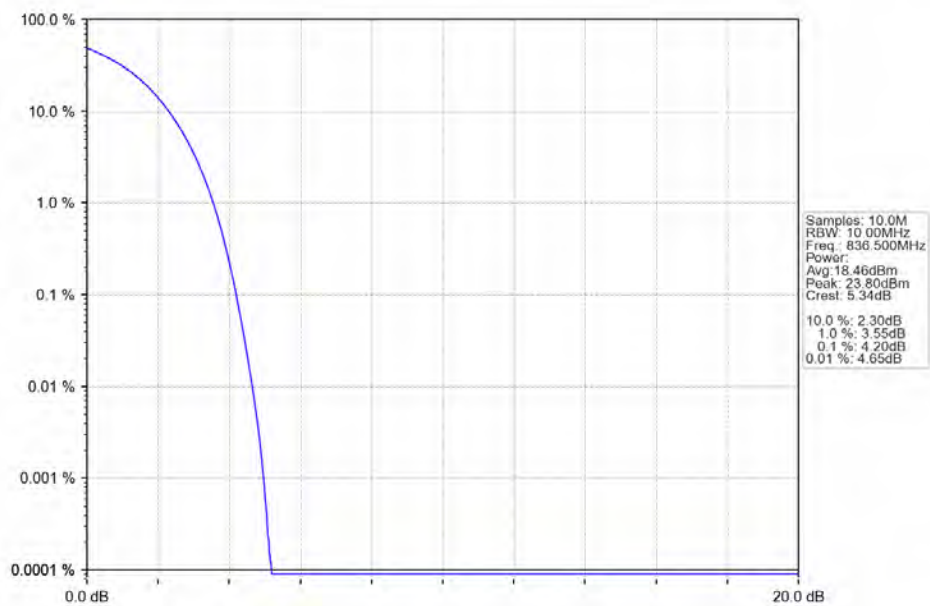
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



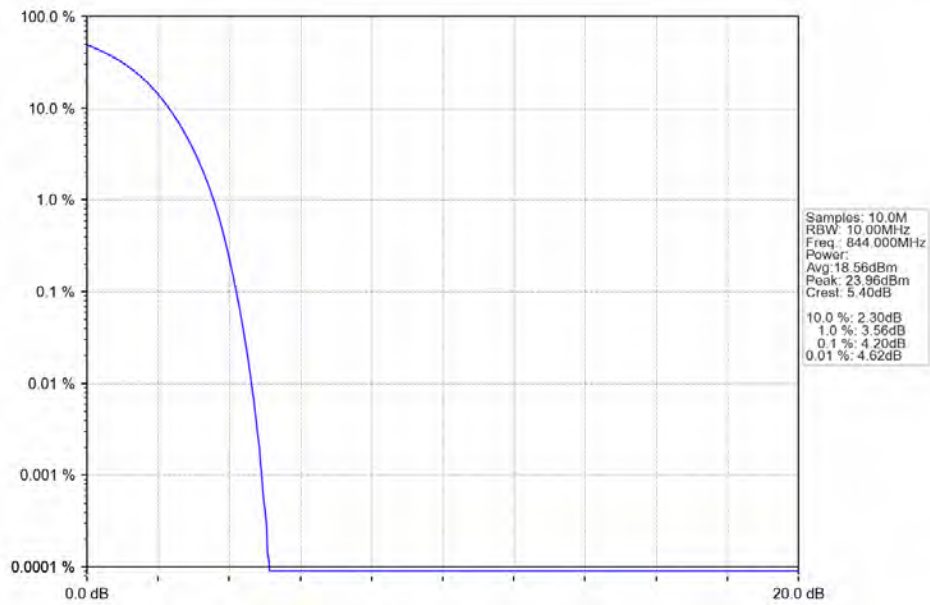
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



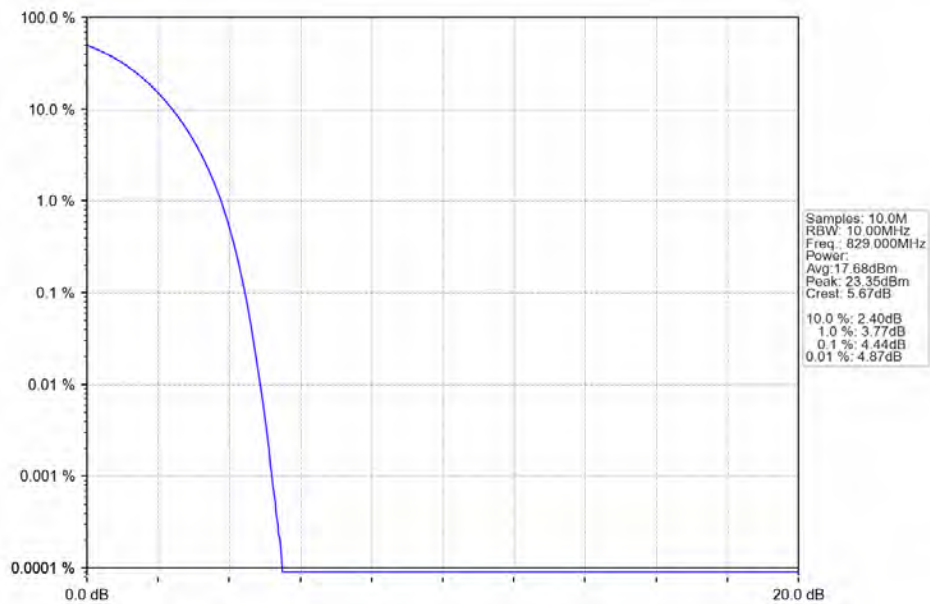
Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



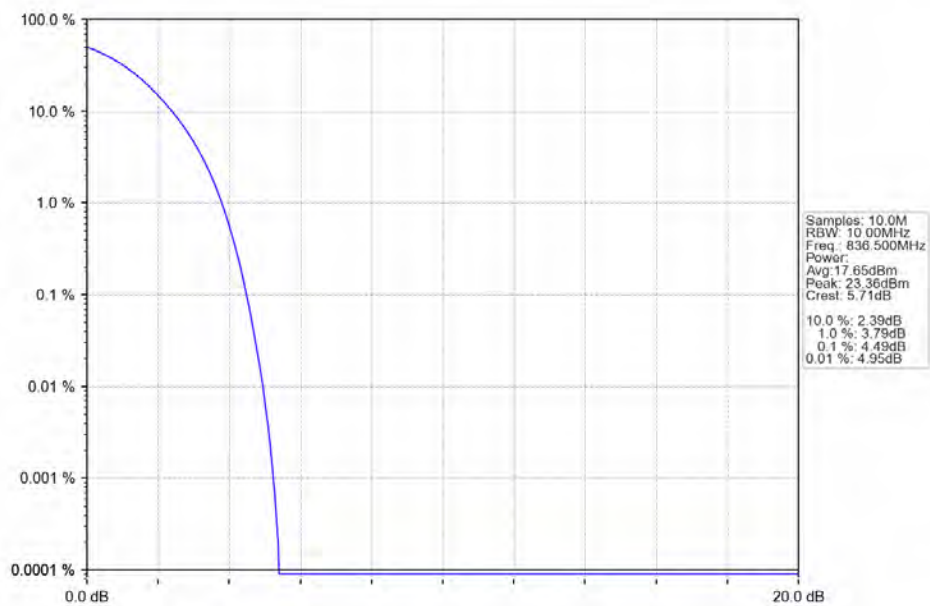
Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



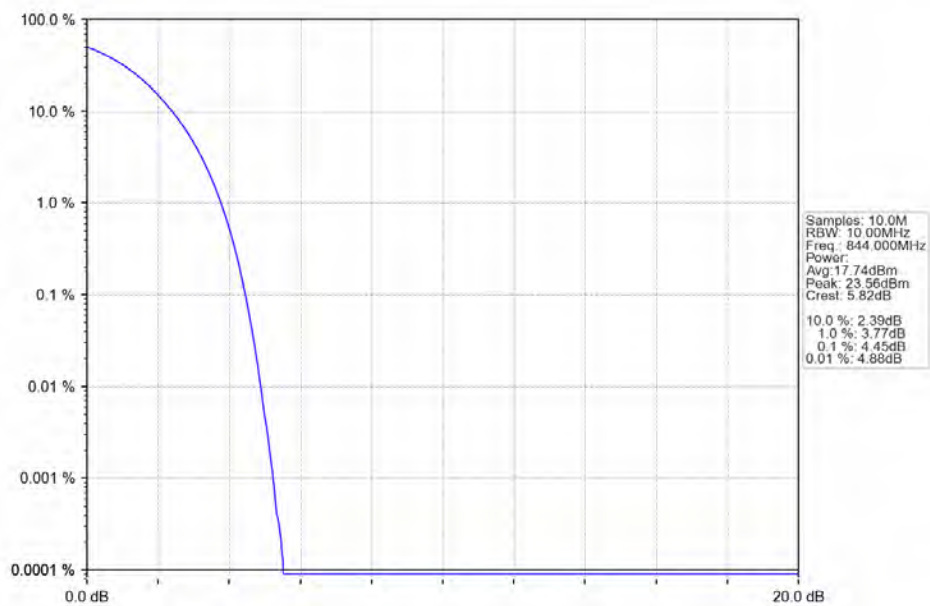
Band5_10MHz_256QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_HCH_844MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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	
		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

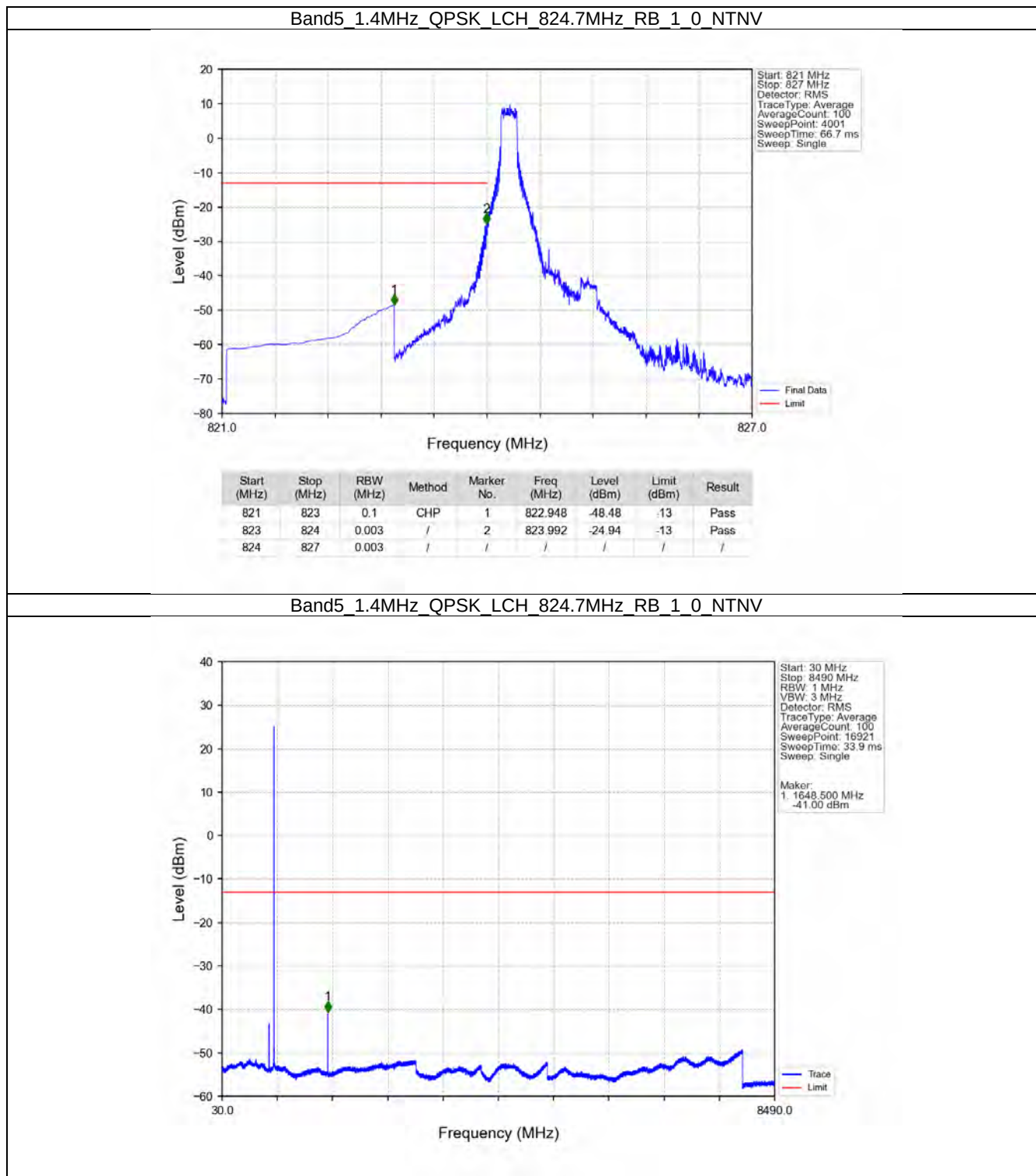
Band: 5 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	826.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass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

5.1.4 B5_10MHz

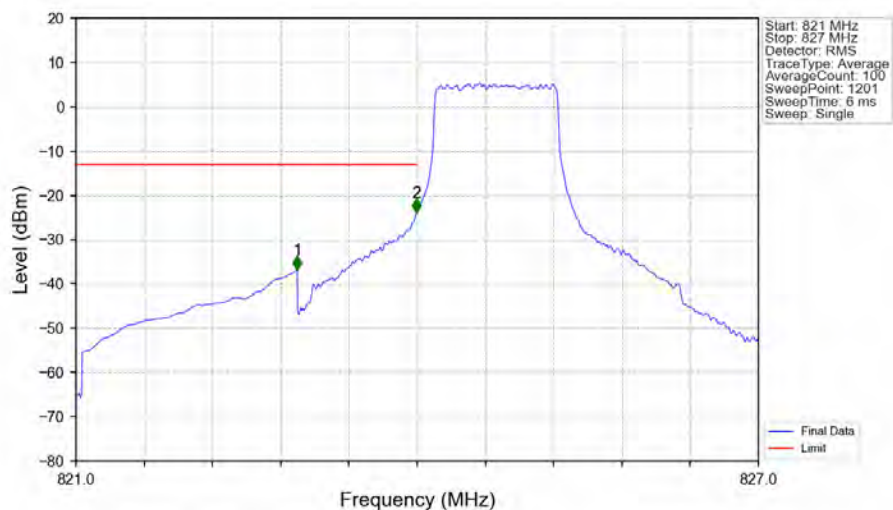
Band: 5 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	844	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50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

5.2 Test Graph

5.2.1 B5_1.4MHz

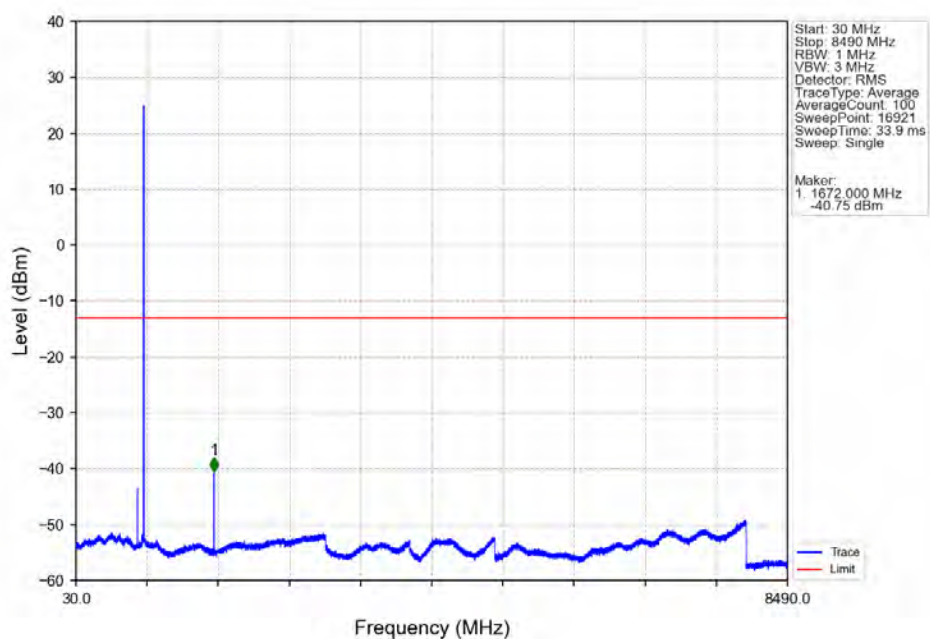


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

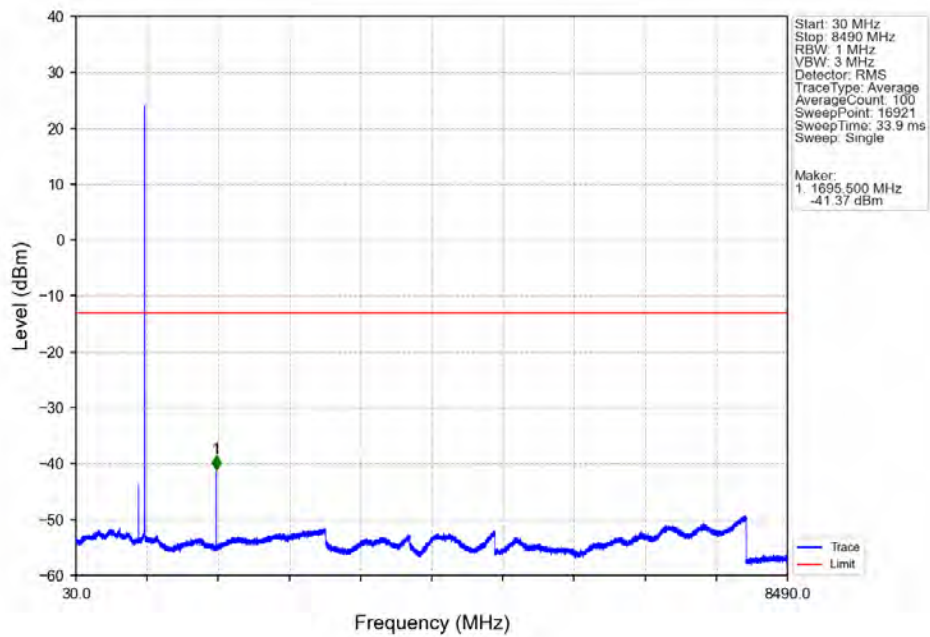


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-36.84	-13	Pass
823	824	0.013	CHP	2	823.995	-23.84	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

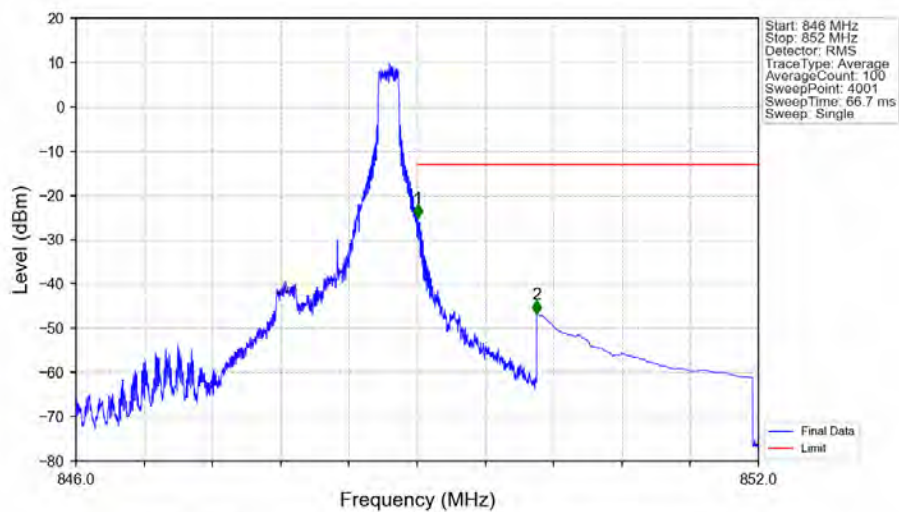
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5 1.4MHz QPSK HCH 848.3MHz RB 1_0 NTN

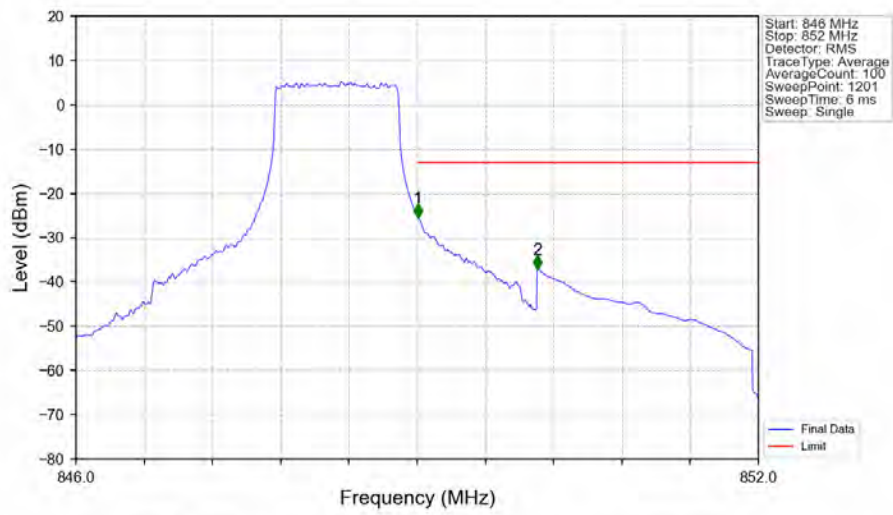


Band5 1.4MHz QPSK HCH 848.3MHz RB 1_5 NTN



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	-25.17	-13	Pass
850	852	0.1	CHP	2	850.052	-46.82	-13	Pass

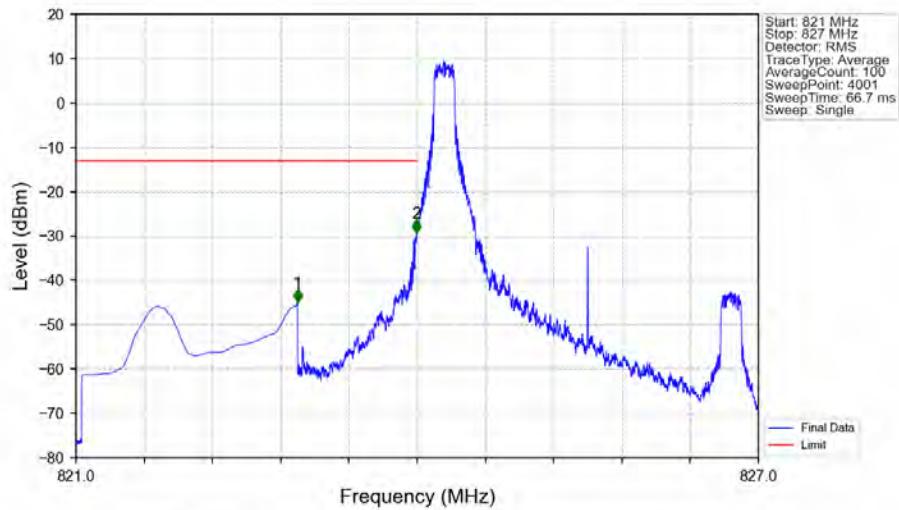
Band5 1.4MHz QPSK HCH 848.3MHz RB 6.0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.005	-25.50	-13	Pass
850	852	0.1	CHP	2	850.055	-37.06	-13	Pass

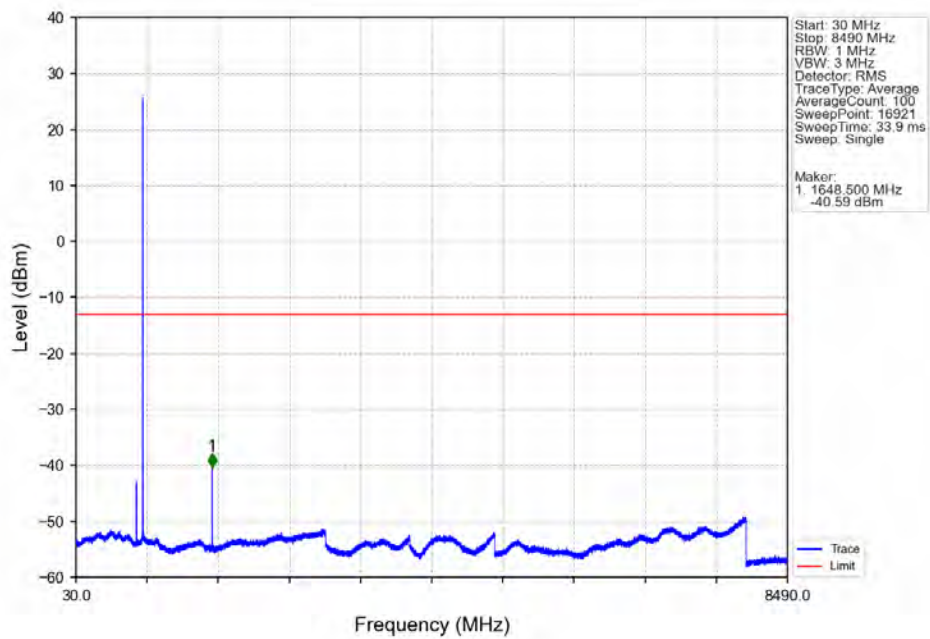
5.2.2 B5_3MHz

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

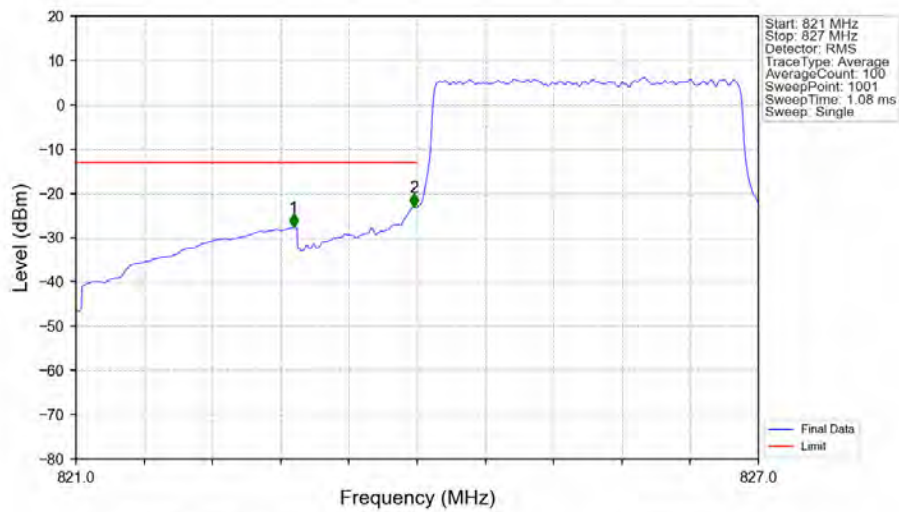


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-44.89	-13	Pass
823	824	0.003	/	2	823.995	-29.23	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

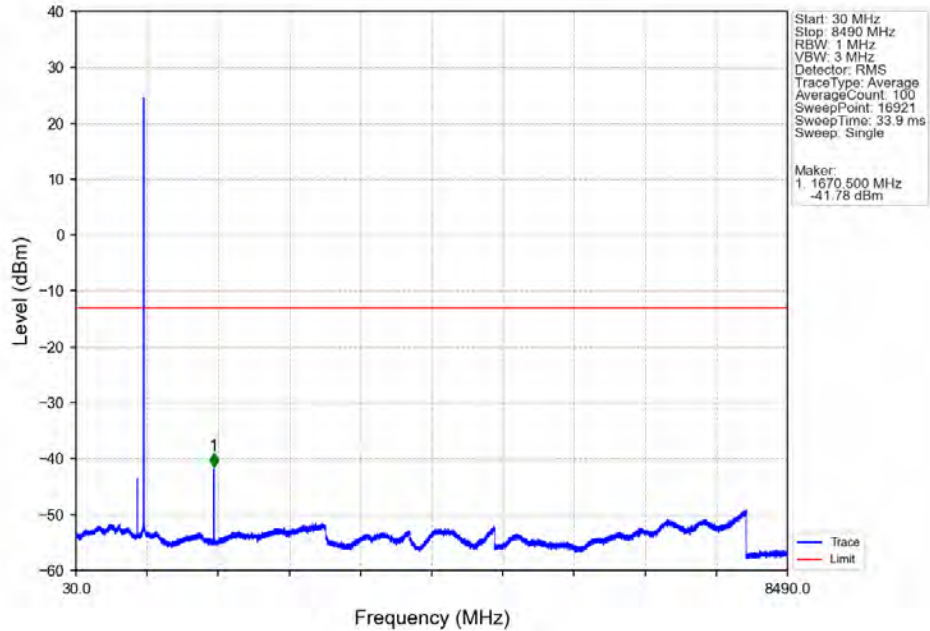


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

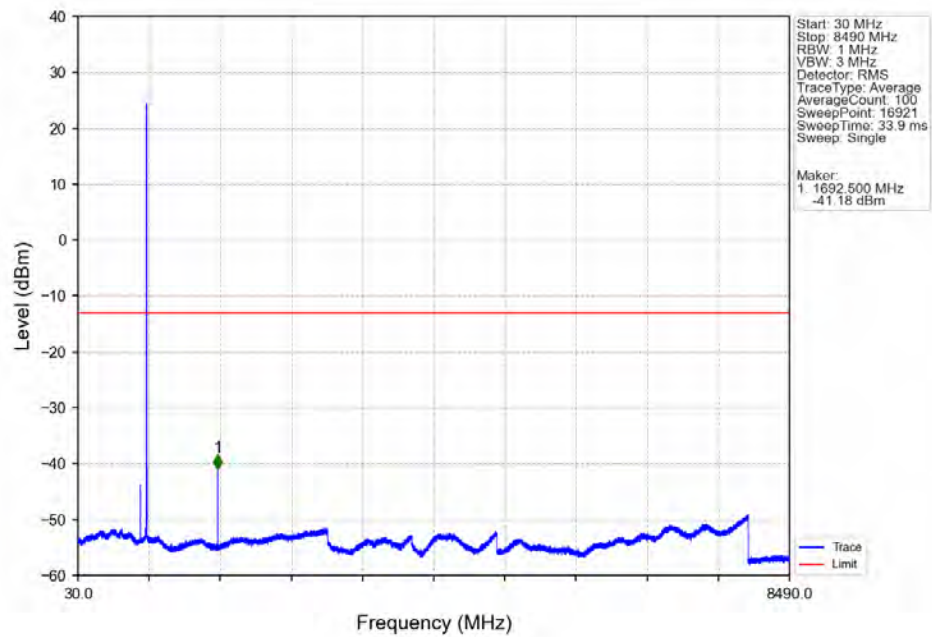


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.914	-27.72	-13	Pass
823	824	0.03	/	2	823.970	-23.16	-13	Pass
824	827	0.03	/	/	/	/	/	/

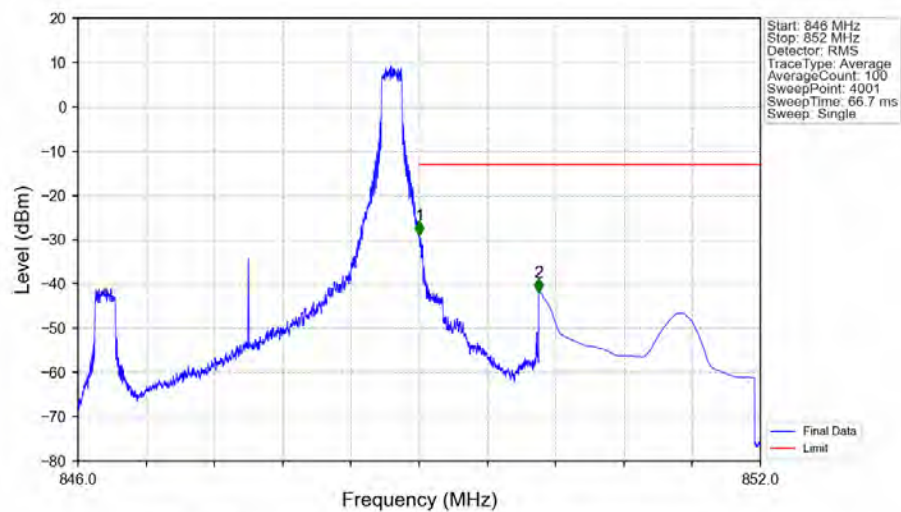
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

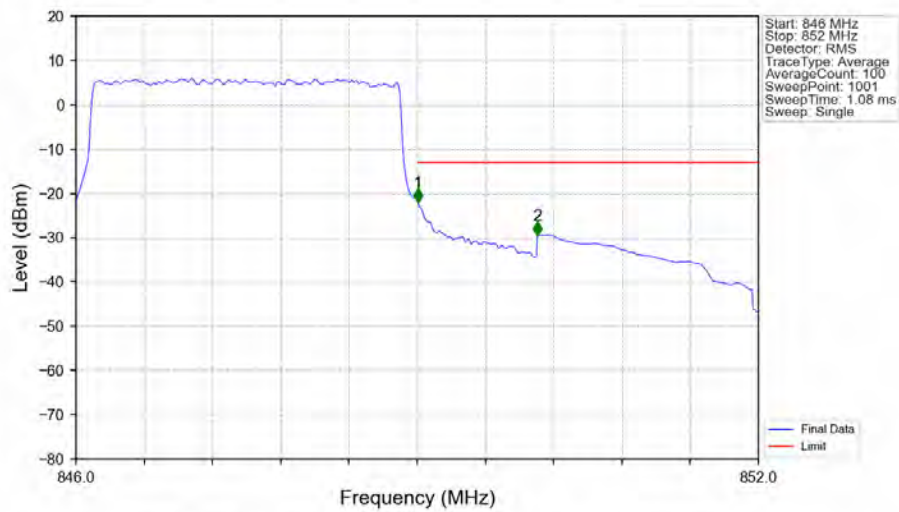


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-28.99	-13	Pass
850	852	0.1	CHP	2	850.052	-41.92	-13	Pass

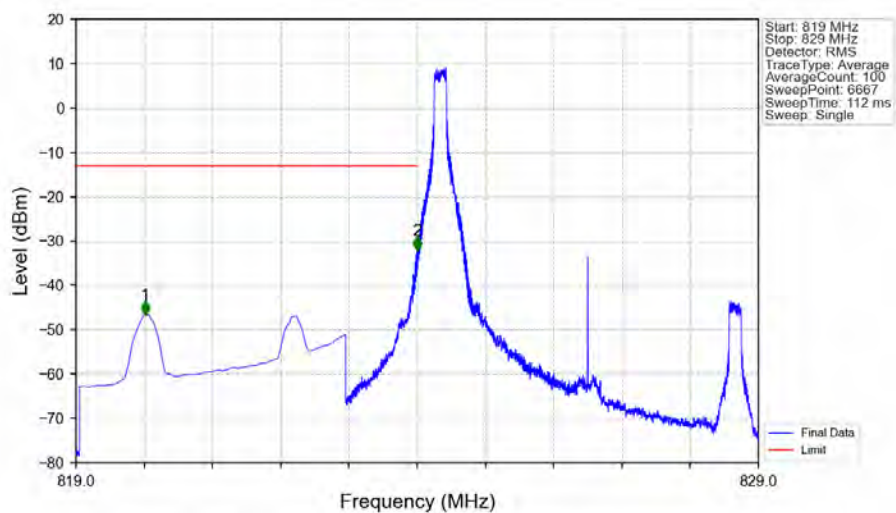
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.006	-22.02	-13	Pass
850	852	0.1	CHP	2	850.056	-29.47	-13	Pass

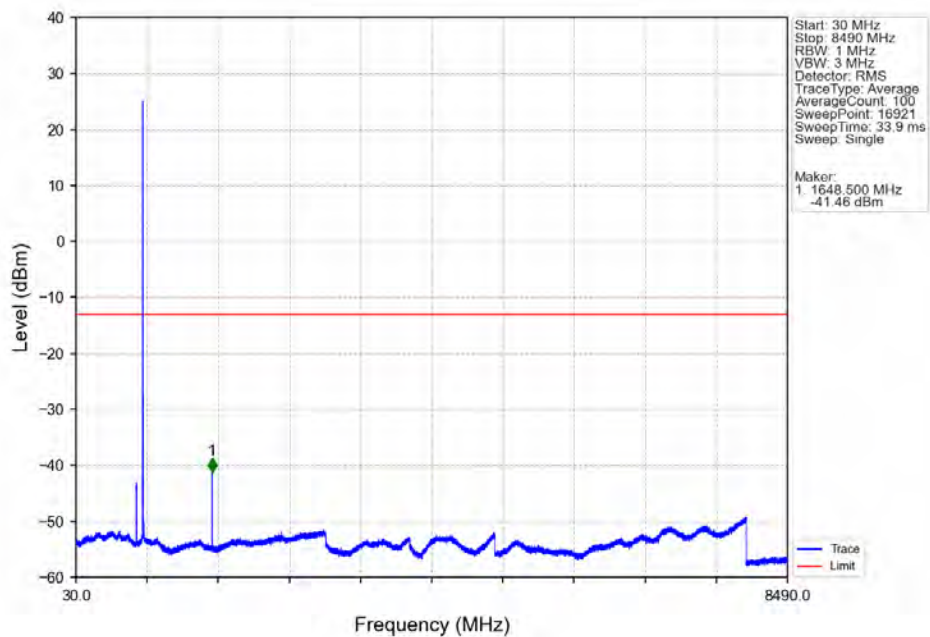
5.2.3 B5_5MHz

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

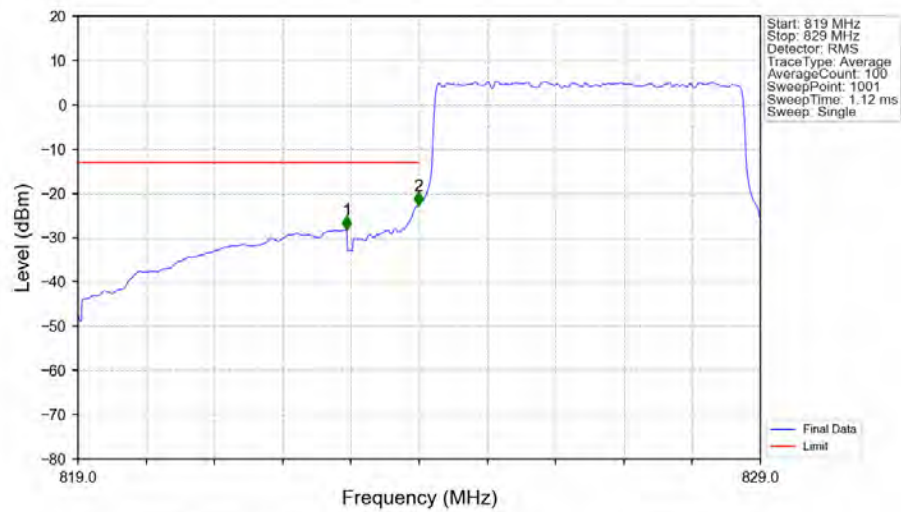


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.014	-46.55	-13	Pass
823	824	0.003	/	2	823.997	-32.11	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

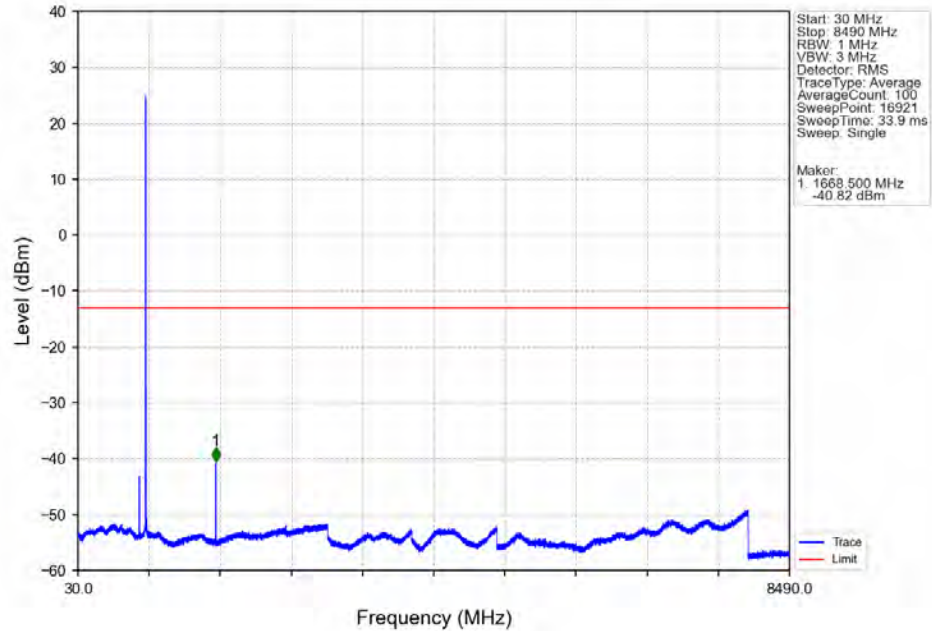


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

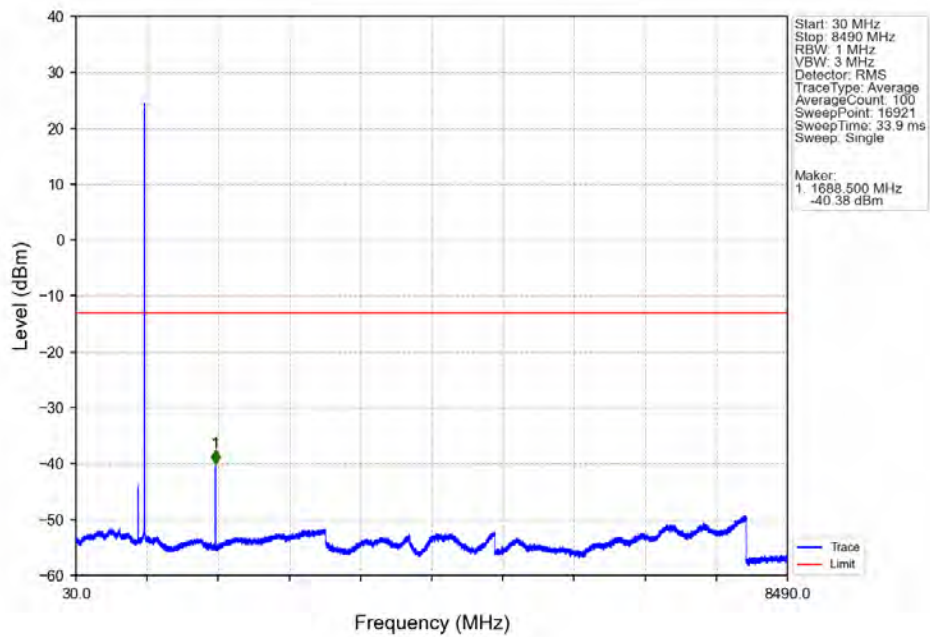


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-28.25	-13	Pass
823	824	0.051	CHP	2	823.990	-22.73	-13	Pass
824	829	0.051	CHP	/	/	/	/	/

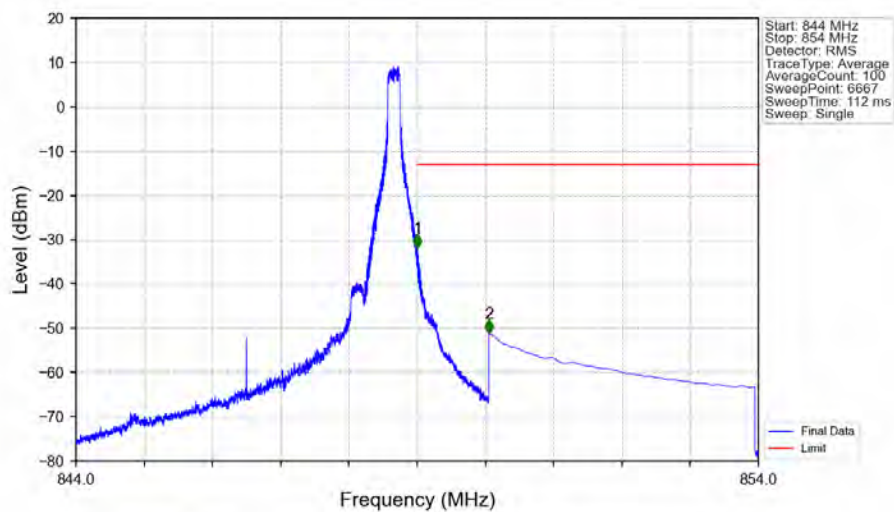
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

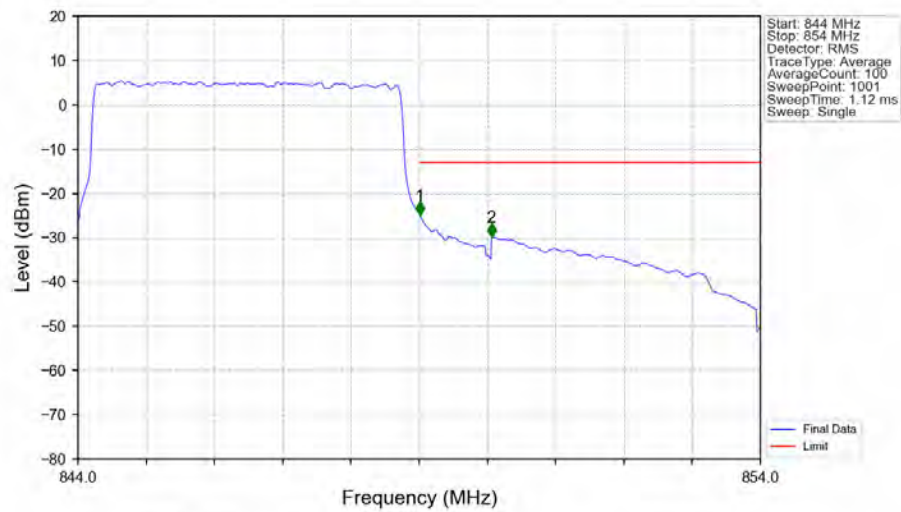


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



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	-31.93	-13	Pass
850	854	0.1	CHP	2	850.050	-51.24	-13	Pass

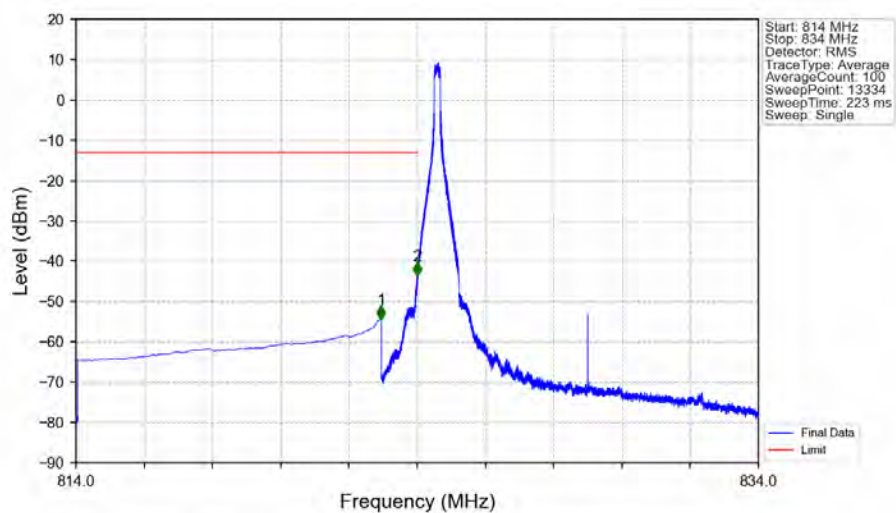
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	CHP	/	/	/	/	/
849	850	0.051	CHP	1	849.010	-25.01	-13	Pass
850	854	0.1	CHP	2	850.060	-29.92	-13	Pass

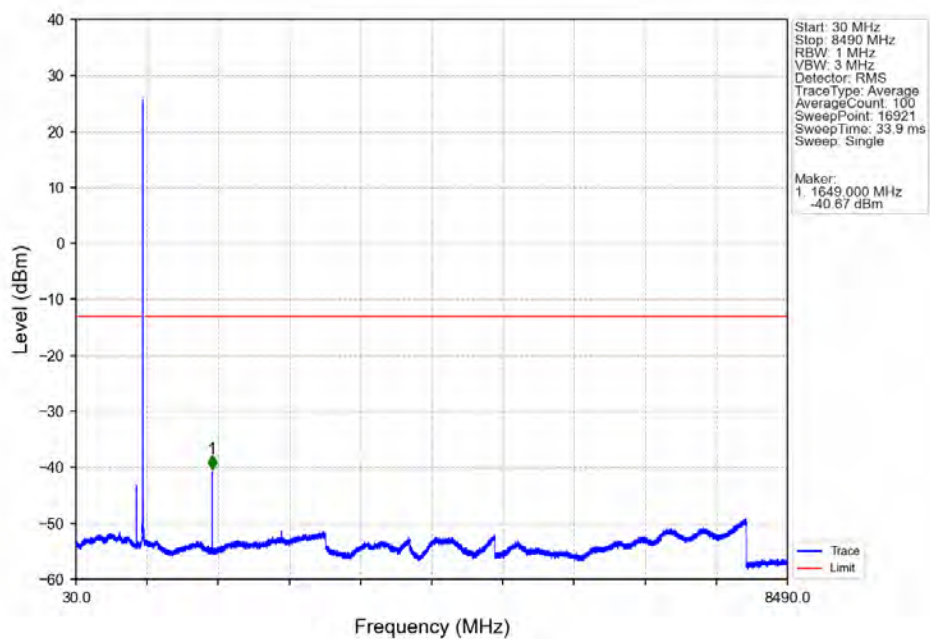
5.2.4 B5_10MHz

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

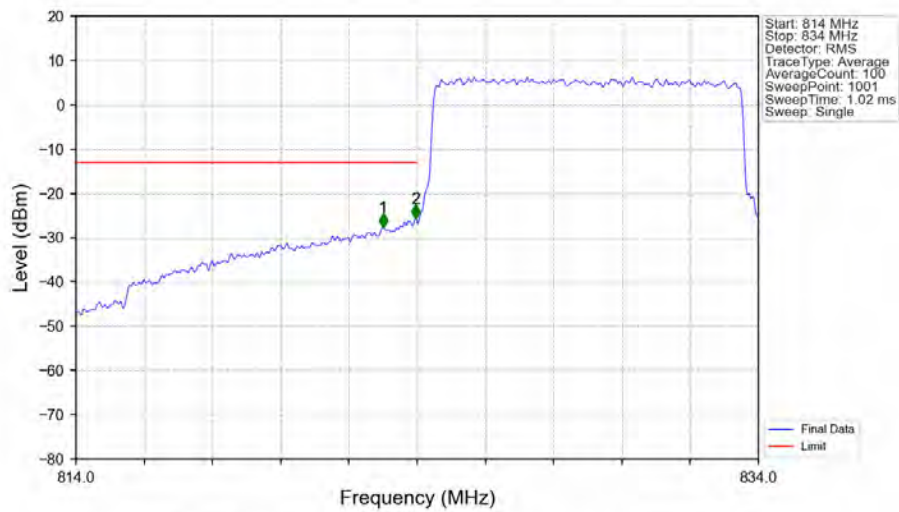


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.948	-54.39	-13	Pass
823	824	0.003	/	2	823.998	-43.57	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

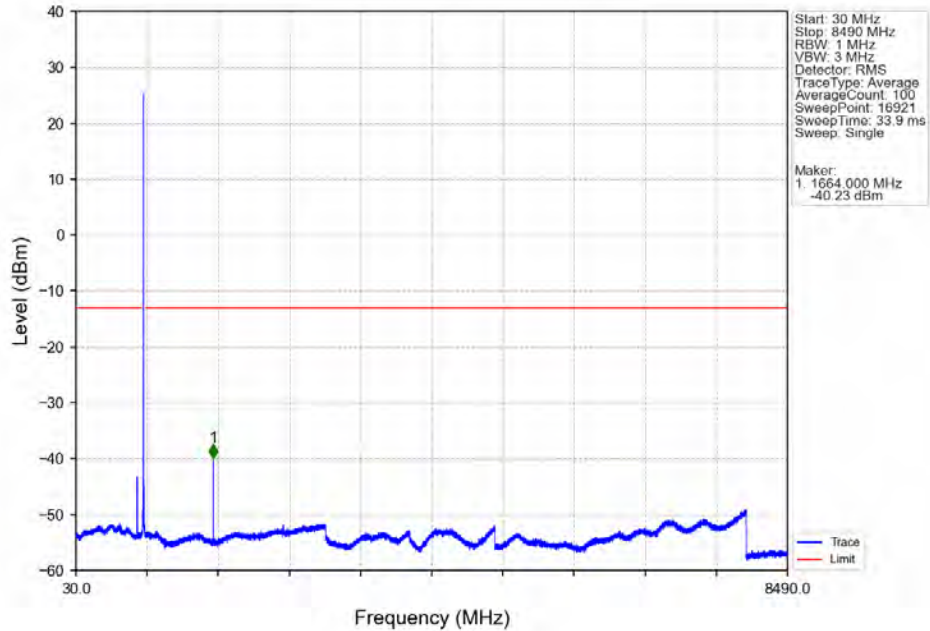


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

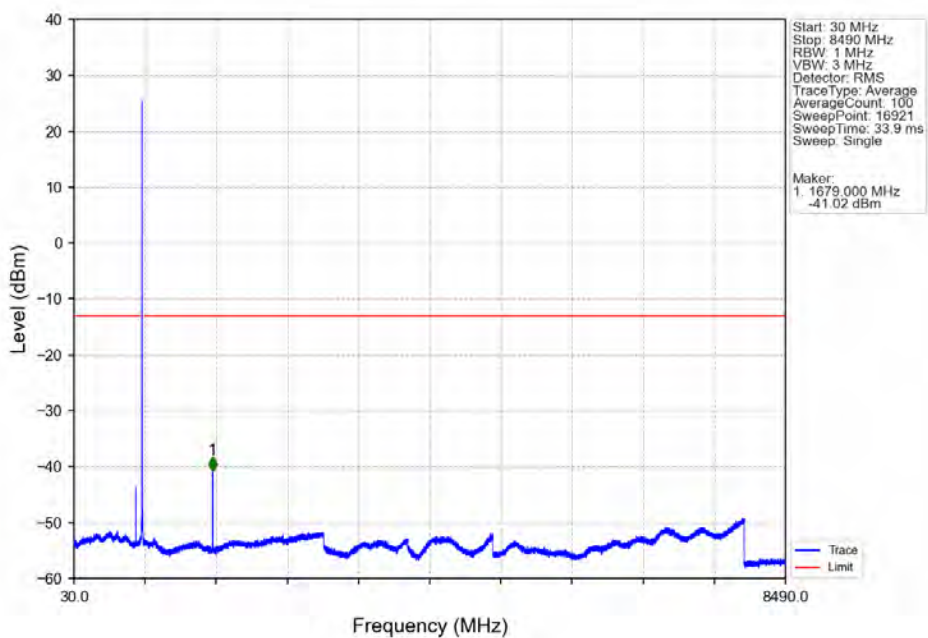


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	823.000	-27.59	-13	Pass
823	824	0.1	/	2	823.960	-25.63	-13	Pass
824	834	0.1	/	/	/	/	/	/

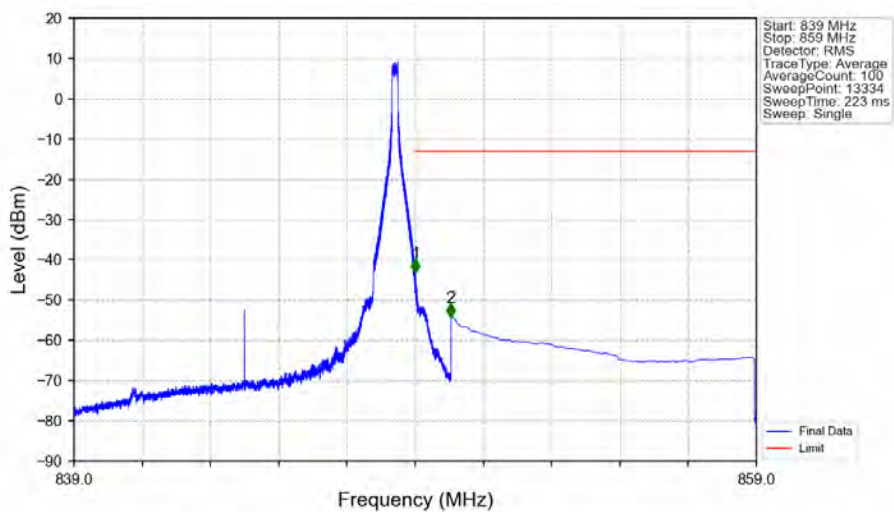
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

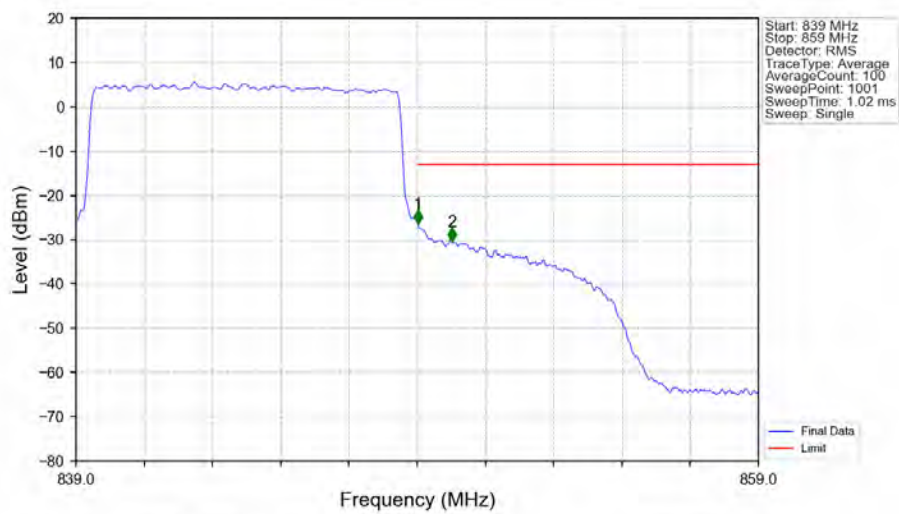


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.004	-43.27	-13	Pass
850	859	0.1	CHP	2	850.051	-54.19	-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	0.101	CHP	/	/	/	/	/
849	850	0.101	CHP	1	849.020	-26.47	-13	Pass
850	859	0.1	/	2	850.020	-30.40	-13	Pass