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Appendix B.8

LTE Band 5



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1. Effective (Isotropic) Radiated Power Output Data

1.1 B5_1.4MHz_ERP

1.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	824.7	1	0	23.35	-1.60	19.60	<=38.45	Pass	
			2	23.30	-1.60	19.55	<=38.45	Pass	
			5	23.35	-1.60	19.60	<=38.45	Pass	
		3	0	23.41	-1.60	19.66	<=38.45	Pass	
			2	23.50	-1.60	19.75	<=38.45	Pass	
			3	23.50	-1.60	19.75	<=38.45	Pass	
		6	0	22.43	-1.60	18.68	<=38.45	Pass	
			1	0	23.35	-1.60	19.60	<=38.45	Pass
				2	23.36	-1.60	19.61	<=38.45	Pass
	5	23.39		-1.60	19.64	<=38.45	Pass		
	836.5	3	0	23.42	-1.60	19.67	<=38.45	Pass	
			2	23.49	-1.60	19.74	<=38.45	Pass	
			3	23.48	-1.60	19.73	<=38.45	Pass	
		6	0	22.44	-1.60	18.69	<=38.45	Pass	
			1	0	23.35	-1.60	19.60	<=38.45	Pass
				2	23.29	-1.60	19.54	<=38.45	Pass
	5	23.31		-1.60	19.56	<=38.45	Pass		
	848.3	3	0	23.39	-1.60	19.64	<=38.45	Pass	
			2	23.37	-1.60	19.62	<=38.45	Pass	
			3	23.30	-1.60	19.55	<=38.45	Pass	
		6	0	22.39	-1.60	18.64	<=38.45	Pass	
			1	0	22.51	-1.60	18.76	<=38.45	Pass
				2	22.51	-1.60	18.76	<=38.45	Pass
	3	0		22.52	-1.60	18.77	<=38.45	Pass	
2		22.65	-1.60	18.90	<=38.45	Pass			
3		22.64	-1.60	18.89	<=38.45	Pass			
16QAM	824.7	3	2	22.64	-1.60	18.89	<=38.45	Pass	
			3	22.69	-1.60	18.94	<=38.45	Pass	
			0	21.49	-1.60	17.74	<=38.45	Pass	
		836.5	1	0	22.45	-1.60	18.70	<=38.45	Pass
				2	22.48	-1.60	18.73	<=38.45	Pass
				5	22.49	-1.60	18.74	<=38.45	Pass
	3		0	22.63	-1.60	18.88	<=38.45	Pass	
			2	22.67	-1.60	18.92	<=38.45	Pass	
			3	22.69	-1.60	18.94	<=38.45	Pass	
	848.3	1	0	21.49	-1.60	17.74	<=38.45	Pass	
			0	22.59	-1.60	18.84	<=38.45	Pass	
			2	22.55	-1.60	18.80	<=38.45	Pass	
		3	5	22.55	-1.60	18.80	<=38.45	Pass	
			0	22.39	-1.60	18.64	<=38.45	Pass	



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			2	22.40	-1.60	18.65	<=38.45	Pass	
			3	22.38	-1.60	18.63	<=38.45	Pass	
		6	0	21.42	-1.60	17.67	<=38.45	Pass	
64QAM	824.7	1	0	21.23	-1.60	17.48	<=38.45	Pass	
			2	21.16	-1.60	17.41	<=38.45	Pass	
			5	21.28	-1.60	17.53	<=38.45	Pass	
		3	0	21.43	-1.60	17.68	<=38.45	Pass	
			2	21.42	-1.60	17.67	<=38.45	Pass	
			3	21.43	-1.60	17.68	<=38.45	Pass	
		6	0	20.52	-1.60	16.77	<=38.45	Pass	
		836.5	1	0	21.80	-1.60	18.05	<=38.45	Pass
				2	21.91	-1.60	18.16	<=38.45	Pass
	5			21.84	-1.60	18.09	<=38.45	Pass	
	3		0	21.69	-1.60	17.94	<=38.45	Pass	
			2	21.68	-1.60	17.93	<=38.45	Pass	
			3	21.71	-1.60	17.96	<=38.45	Pass	
	6	0	20.48	-1.60	16.73	<=38.45	Pass		
	848.3	1	0	21.46	-1.60	17.71	<=38.45	Pass	
			2	21.44	-1.60	17.69	<=38.45	Pass	
			5	21.42	-1.60	17.67	<=38.45	Pass	
		3	0	21.61	-1.60	17.86	<=38.45	Pass	
			2	21.58	-1.60	17.83	<=38.45	Pass	
			3	21.59	-1.60	17.84	<=38.45	Pass	
		6	0	20.58	-1.60	16.83	<=38.45	Pass	

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.2 B5_3MHz_ERP

1.2.1 Test Result

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	23.58	-1.60	19.83	<=38.45	Pass		
			7	23.56	-1.60	19.81	<=38.45	Pass		
			14	23.53	-1.60	19.78	<=38.45	Pass		
		8	0	22.49	-1.60	18.74	<=38.45	Pass		
			4	22.47	-1.60	18.72	<=38.45	Pass		
			7	22.46	-1.60	18.71	<=38.45	Pass		
		15	0	22.48	-1.60	18.73	<=38.45	Pass		
		836.5	1	0	23.40	-1.60	19.65	<=38.45	Pass	
				7	23.42	-1.60	19.67	<=38.45	Pass	
	14			23.39	-1.60	19.64	<=38.45	Pass		
	8		0	22.49	-1.60	18.74	<=38.45	Pass		
			4	22.49	-1.60	18.74	<=38.45	Pass		
			7	22.48	-1.60	18.73	<=38.45	Pass		
	15		0	22.49	-1.60	18.74	<=38.45	Pass		
	847.5		1	0	23.46	-1.60	19.71	<=38.45	Pass	
				7	23.40	-1.60	19.65	<=38.45	Pass	
		14		23.35	-1.60	19.60	<=38.45	Pass		
		8	0	22.45	-1.60	18.70	<=38.45	Pass		
			4	22.40	-1.60	18.65	<=38.45	Pass		
			7	22.38	-1.60	18.63	<=38.45	Pass		
		15	0	22.43	-1.60	18.68	<=38.45	Pass		
		16QAM	825.5	1	0	23.05	-1.60	19.30	<=38.45	Pass
					7	22.98	-1.60	19.23	<=38.45	Pass
	14				22.93	-1.60	19.18	<=38.45	Pass	
8	0			21.67	-1.60	17.92	<=38.45	Pass		
	4			21.64	-1.60	17.89	<=38.45	Pass		
	7			21.64	-1.60	17.89	<=38.45	Pass		
15	0			21.57	-1.60	17.82	<=38.45	Pass		
836.5	1			0	22.69	-1.60	18.94	<=38.45	Pass	
				7	22.70	-1.60	18.95	<=38.45	Pass	
			14	22.66	-1.60	18.91	<=38.45	Pass		
	8		0	21.46	-1.60	17.71	<=38.45	Pass		
			4	21.47	-1.60	17.72	<=38.45	Pass		
			7	21.45	-1.60	17.70	<=38.45	Pass		
	15		0	21.49	-1.60	17.74	<=38.45	Pass		
	847.5		1	0	22.56	-1.60	18.81	<=38.45	Pass	
				7	22.53	-1.60	18.78	<=38.45	Pass	
14				22.45	-1.60	18.70	<=38.45	Pass		
8			0	21.54	-1.60	17.79	<=38.45	Pass		
			4	21.50	-1.60	17.75	<=38.45	Pass		
			7	21.46	-1.60	17.71	<=38.45	Pass		



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64QAM	825.5	15	0	21.48	-1.60	17.73	<=38.45	Pass	
			1	0	21.78	-1.60	18.03	<=38.45	Pass
				7	21.84	-1.60	18.09	<=38.45	Pass
		14		21.80	-1.60	18.05	<=38.45	Pass	
		8	0	20.68	-1.60	16.93	<=38.45	Pass	
			4	20.66	-1.60	16.91	<=38.45	Pass	
	7		20.66	-1.60	16.91	<=38.45	Pass		
	836.5	15	0	20.53	-1.60	16.78	<=38.45	Pass	
			1	0	21.53	-1.60	17.78	<=38.45	Pass
				7	21.58	-1.60	17.83	<=38.45	Pass
		14		21.53	-1.60	17.78	<=38.45	Pass	
		8	0	20.43	-1.60	16.68	<=38.45	Pass	
			4	20.41	-1.60	16.66	<=38.45	Pass	
	7		20.42	-1.60	16.67	<=38.45	Pass		
	847.5	15	0	20.65	-1.60	16.90	<=38.45	Pass	
			1	0	21.33	-1.60	17.58	<=38.45	Pass
				7	21.31	-1.60	17.56	<=38.45	Pass
		14		21.19	-1.60	17.44	<=38.45	Pass	
		8	0	20.47	-1.60	16.72	<=38.45	Pass	
			4	20.42	-1.60	16.67	<=38.45	Pass	
	7		20.42	-1.60	16.67	<=38.45	Pass		
	15	0	20.46	-1.60	16.71	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.3 B5_5MHz_ERP

1.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	826.5	1	0	23.65	-1.60	19.90	<=38.45	Pass		
			13	23.63	-1.60	19.88	<=38.45	Pass		
			24	23.63	-1.60	19.88	<=38.45	Pass		
		12	0	22.53	-1.60	18.78	<=38.45	Pass		
			6	22.52	-1.60	18.77	<=38.45	Pass		
			13	22.51	-1.60	18.76	<=38.45	Pass		
		25	0	22.58	-1.60	18.83	<=38.45	Pass		
		836.5	1	0	23.52	-1.60	19.77	<=38.45	Pass	
				13	23.53	-1.60	19.78	<=38.45	Pass	
	24			23.51	-1.60	19.76	<=38.45	Pass		
	12		0	22.54	-1.60	18.79	<=38.45	Pass		
			6	22.51	-1.60	18.76	<=38.45	Pass		
			13	22.51	-1.60	18.76	<=38.45	Pass		
	25		0	22.53	-1.60	18.78	<=38.45	Pass		
	846.5		1	0	23.59	-1.60	19.84	<=38.45	Pass	
				13	23.56	-1.60	19.81	<=38.45	Pass	
		24		23.48	-1.60	19.73	<=38.45	Pass		
		12	0	22.51	-1.60	18.76	<=38.45	Pass		
			6	22.46	-1.60	18.71	<=38.45	Pass		
			13	22.42	-1.60	18.67	<=38.45	Pass		
		25	0	22.49	-1.60	18.74	<=38.45	Pass		
		16QAM	826.5	1	0	22.43	-1.60	18.68	<=38.45	Pass
					13	22.41	-1.60	18.66	<=38.45	Pass
	24				22.41	-1.60	18.66	<=38.45	Pass	
12	0			21.61	-1.60	17.86	<=38.45	Pass		
	6			21.60	-1.60	17.85	<=38.45	Pass		
	13			21.58	-1.60	17.83	<=38.45	Pass		
25	0			21.63	-1.60	17.88	<=38.45	Pass		
836.5	1			0	22.76	-1.60	19.01	<=38.45	Pass	
				13	22.77	-1.60	19.02	<=38.45	Pass	
			24	22.72	-1.60	18.97	<=38.45	Pass		
	12		0	21.60	-1.60	17.85	<=38.45	Pass		
			6	21.56	-1.60	17.81	<=38.45	Pass		
			13	21.56	-1.60	17.81	<=38.45	Pass		
	25		0	21.56	-1.60	17.81	<=38.45	Pass		
	846.5		1	0	22.65	-1.60	18.90	<=38.45	Pass	
				13	22.59	-1.60	18.84	<=38.45	Pass	
24				22.54	-1.60	18.79	<=38.45	Pass		
12			0	21.54	-1.60	17.79	<=38.45	Pass		
			6	21.52	-1.60	17.77	<=38.45	Pass		
			13	21.48	-1.60	17.73	<=38.45	Pass		



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			1	0	21.55	-1.60	17.80	<=38.45	Pass	
				13	21.49	-1.60	17.74	<=38.45	Pass	
		12	24	21.49	-1.60	17.74	<=38.45	Pass		
			0	20.56	-1.60	16.81	<=38.45	Pass		
			6	20.52	-1.60	16.77	<=38.45	Pass		
		836.5	25	13	20.51	-1.60	16.76	<=38.45	Pass	
				1	0	20.62	-1.60	16.87	<=38.45	Pass
					0	21.64	-1.60	17.89	<=38.45	Pass
	12		13	21.66	-1.60	17.91	<=38.45	Pass		
			24	21.60	-1.60	17.85	<=38.45	Pass		
			0	20.59	-1.60	16.84	<=38.45	Pass		
	846.5		25	6	20.54	-1.60	16.79	<=38.45	Pass	
				1	13	20.55	-1.60	16.80	<=38.45	Pass
					0	20.60	-1.60	16.85	<=38.45	Pass
		12	0	21.75	-1.60	18.00	<=38.45	Pass		
			13	21.72	-1.60	17.97	<=38.45	Pass		
			24	21.65	-1.60	17.90	<=38.45	Pass		
		25	0	20.66	-1.60	16.91	<=38.45	Pass		
			6	20.63	-1.60	16.88	<=38.45	Pass		
			13	20.58	-1.60	16.83	<=38.45	Pass		
			25	0	20.51	-1.60	16.76	<=38.45	Pass	

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.4 B5_10MHz_ERP

1.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	829	1	0	23.65	-1.60	19.90	<=38.45	Pass		
			25	23.58	-1.60	19.83	<=38.45	Pass		
			49	23.56	-1.60	19.81	<=38.45	Pass		
		25	0	22.58	-1.60	18.83	<=38.45	Pass		
			13	22.53	-1.60	18.78	<=38.45	Pass		
			25	22.55	-1.60	18.80	<=38.45	Pass		
		50	0	22.55	-1.60	18.80	<=38.45	Pass		
		836.5	1	0	23.53	-1.60	19.78	<=38.45	Pass	
				25	23.48	-1.60	19.73	<=38.45	Pass	
	49			23.45	-1.60	19.70	<=38.45	Pass		
	25		0	22.55	-1.60	18.80	<=38.45	Pass		
			13	22.50	-1.60	18.75	<=38.45	Pass		
			25	22.51	-1.60	18.76	<=38.45	Pass		
	50		0	22.54	-1.60	18.79	<=38.45	Pass		
	844		1	0	23.52	-1.60	19.77	<=38.45	Pass	
				25	23.49	-1.60	19.74	<=38.45	Pass	
		49		23.43	-1.60	19.68	<=38.45	Pass		
		25	0	22.55	-1.60	18.80	<=38.45	Pass		
			13	22.53	-1.60	18.78	<=38.45	Pass		
			25	22.52	-1.60	18.77	<=38.45	Pass		
		50	0	22.54	-1.60	18.79	<=38.45	Pass		
		16QAM	829	1	0	23.05	-1.60	19.30	<=38.45	Pass
					25	22.98	-1.60	19.23	<=38.45	Pass
	49				23.01	-1.60	19.26	<=38.45	Pass	
25	0			21.64	-1.60	17.89	<=38.45	Pass		
	13			21.57	-1.60	17.82	<=38.45	Pass		
	25			21.60	-1.60	17.85	<=38.45	Pass		
50	0			21.56	-1.60	17.81	<=38.45	Pass		
836.5	1			0	22.80	-1.60	19.05	<=38.45	Pass	
				25	22.76	-1.60	19.01	<=38.45	Pass	
			49	22.69	-1.60	18.94	<=38.45	Pass		
	25		0	21.59	-1.60	17.84	<=38.45	Pass		
			13	21.55	-1.60	17.80	<=38.45	Pass		
			25	21.53	-1.60	17.78	<=38.45	Pass		
	50		0	21.54	-1.60	17.79	<=38.45	Pass		
	844		1	0	22.62	-1.60	18.87	<=38.45	Pass	
				25	22.59	-1.60	18.84	<=38.45	Pass	
49				22.50	-1.60	18.75	<=38.45	Pass		
25			0	21.64	-1.60	17.89	<=38.45	Pass		
			13	21.61	-1.60	17.86	<=38.45	Pass		
			25	21.60	-1.60	17.85	<=38.45	Pass		



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		50	0	21.55	-1.60	17.80	<=38.45	Pass
64QAM	829	1	0	21.89	-1.60	18.14	<=38.45	Pass
			25	21.79	-1.60	18.04	<=38.45	Pass
			49	21.77	-1.60	18.02	<=38.45	Pass
			50	20.62	-1.60	16.87	<=38.45	Pass
		25	13	20.57	-1.60	16.82	<=38.45	Pass
			25	20.58	-1.60	16.83	<=38.45	Pass
	50		20.58	-1.60	16.83	<=38.45	Pass	
	836.5	1	0	21.63	-1.60	17.88	<=38.45	Pass
			25	21.62	-1.60	17.87	<=38.45	Pass
			49	21.55	-1.60	17.80	<=38.45	Pass
		25	0	20.66	-1.60	16.91	<=38.45	Pass
			13	20.63	-1.60	16.88	<=38.45	Pass
			25	20.63	-1.60	16.88	<=38.45	Pass
	50	20.57	-1.60	16.82	<=38.45	Pass		
	844	1	0	21.34	-1.60	17.59	<=38.45	Pass
			25	21.34	-1.60	17.59	<=38.45	Pass
			49	21.28	-1.60	17.53	<=38.45	Pass
		25	0	20.62	-1.60	16.87	<=38.45	Pass
			13	20.59	-1.60	16.84	<=38.45	Pass
			25	20.58	-1.60	16.83	<=38.45	Pass
	50	20.54	-1.60	16.79	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15



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2. Frequency Stability

2.1 B5_1.4MHz

2.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	824.7	6	0	20	3.5	-1.170	-0.0014	-2.5 to 2.5	Pass	
					3.87	2.977	0.0036	-2.5 to 2.5	Pass	
					4.45	2.549	0.0031	-2.5 to 2.5	Pass	
				-30	3.87	3.996	0.0048	-2.5 to 2.5	Pass	
					-20	3.87	-0.196	-0.0002	-2.5 to 2.5	Pass
						-10	3.87	-0.315	-0.0004	-2.5 to 2.5
				0	3.87	3.716	0.0045	-2.5 to 2.5	Pass	
				10	3.87	-1.482	-0.0018	-2.5 to 2.5	Pass	
				30	3.87	-0.983	-0.0012	-2.5 to 2.5	Pass	
	40	3.87	0.089	0.0001	-2.5 to 2.5	Pass				
	50	3.87	3.053	0.0037	-2.5 to 2.5	Pass				
	836.5	6	0	20	3.5	-1.017	-0.0012	-2.5 to 2.5	Pass	
					3.87	1.444	0.0017	-2.5 to 2.5	Pass	
					4.45	2.559	0.0031	-2.5 to 2.5	Pass	
				-30	3.87	-0.884	-0.0011	-2.5 to 2.5	Pass	
					-20	3.87	2.136	0.0026	-2.5 to 2.5	Pass
						-10	3.87	-1.993	-0.0024	-2.5 to 2.5
				0	3.87	-1.199	-0.0014	-2.5 to 2.5	Pass	
				10	3.87	-0.210	-0.0003	-2.5 to 2.5	Pass	
				30	3.87	-1.988	-0.0024	-2.5 to 2.5	Pass	
	40	3.87	-0.057	-0.0001	-2.5 to 2.5	Pass				
	50	3.87	0.208	0.0002	-2.5 to 2.5	Pass				
	848.3	6	0	20	3.5	-1.017	-0.0012	-2.5 to 2.5	Pass	
					3.87	-0.321	-0.0004	-2.5 to 2.5	Pass	
					4.45	0.008	0.0000	-2.5 to 2.5	Pass	
				-30	3.87	-0.268	-0.0003	-2.5 to 2.5	Pass	
					-20	3.87	1.327	0.0016	-2.5 to 2.5	Pass
-10						3.87	0.130	0.0002	-2.5 to 2.5	Pass
0				3.87	-0.761	-0.0009	-2.5 to 2.5	Pass		
10				3.87	-1.483	-0.0017	-2.5 to 2.5	Pass		
30				3.87	-1.786	-0.0021	-2.5 to 2.5	Pass		
40	3.87	-0.444	-0.0005	-2.5 to 2.5	Pass					
50	3.87	0.147	0.0002	-2.5 to 2.5	Pass					
16QAM	824.7	6	0	20	3.5	-2.363	-0.0029	-2.5 to 2.5	Pass	
					3.87	-3.706	-0.0045	-2.5 to 2.5	Pass	
					4.45	-0.876	-0.0011	-2.5 to 2.5	Pass	
				-30	3.87	2.401	0.0029	-2.5 to 2.5	Pass	
				-20	3.87	-1.500	-0.0018	-2.5 to 2.5	Pass	
-10	3.87	-0.081	-0.0001	-2.5 to 2.5	Pass					



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64QAM	836.5	6	0	0	3.87	-4.238	-0.0051	-2.5 to 2.5	Pass			
				10	3.87	-0.636	-0.0008	-2.5 to 2.5	Pass			
				30	3.87	3.582	0.0043	-2.5 to 2.5	Pass			
				40	3.87	0.347	0.0004	-2.5 to 2.5	Pass			
				50	3.87	0.266	0.0003	-2.5 to 2.5	Pass			
	848.3	6	0	20	3.5	-2.700	-0.0032	-2.5 to 2.5	Pass			
					3.87	1.100	0.0013	-2.5 to 2.5	Pass			
					4.45	-2.235	-0.0027	-2.5 to 2.5	Pass			
				-30	3.87	0.632	0.0008	-2.5 to 2.5	Pass			
					-20	3.87	-2.488	-0.0030	-2.5 to 2.5	Pass		
				-10	3.87	1.142	0.0014	-2.5 to 2.5	Pass			
					0	3.87	-2.450	-0.0029	-2.5 to 2.5	Pass		
				10	3.87	-1.022	-0.0012	-2.5 to 2.5	Pass			
					30	3.87	-2.169	-0.0026	-2.5 to 2.5	Pass		
				40	3.87	0.419	0.0005	-2.5 to 2.5	Pass			
					50	3.87	-1.633	-0.0020	-2.5 to 2.5	Pass		
				824.7	6	0	20	3.5	-1.649	-0.0019	-2.5 to 2.5	Pass
								3.87	-1.950	-0.0023	-2.5 to 2.5	Pass
	4.45	-1.884	-0.0022					-2.5 to 2.5	Pass			
	-30	3.87	2.031				0.0024	-2.5 to 2.5	Pass			
		-20	3.87				-1.389	-0.0016	-2.5 to 2.5	Pass		
	-10	3.87	-1.858				-0.0022	-2.5 to 2.5	Pass			
		0	3.87				2.122	0.0025	-2.5 to 2.5	Pass		
	10	3.87	-0.327				-0.0004	-2.5 to 2.5	Pass			
		30	3.87				2.979	0.0035	-2.5 to 2.5	Pass		
40	3.87	-0.677	-0.0008				-2.5 to 2.5	Pass				
	50	3.87	-4.332				-0.0051	-2.5 to 2.5	Pass			
836.5	6	0	20				3.5	-1.523	-0.0018	-2.5 to 2.5	Pass	
							3.87	-1.895	-0.0023	-2.5 to 2.5	Pass	
							4.45	0.476	0.0006	-2.5 to 2.5	Pass	
			-30	3.87	3.125	0.0038	-2.5 to 2.5	Pass				
				-20	3.87	1.242	0.0015	-2.5 to 2.5	Pass			
			-10	3.87	-0.548	-0.0007	-2.5 to 2.5	Pass				
				0	3.87	0.658	0.0008	-2.5 to 2.5	Pass			
			10	3.87	1.786	0.0022	-2.5 to 2.5	Pass				
				30	3.87	0.811	0.0010	-2.5 to 2.5	Pass			
			40	3.87	-0.536	-0.0006	-2.5 to 2.5	Pass				
				50	3.87	-0.329	-0.0004	-2.5 to 2.5	Pass			
			836.5	6	0	20	3.5	-1.276	-0.0015	-2.5 to 2.5	Pass	
							3.87	-2.813	-0.0034	-2.5 to 2.5	Pass	
4.45	-2.896	-0.0035					-2.5 to 2.5	Pass				
-30	3.87	0.994				0.0012	-2.5 to 2.5	Pass				
	-20	3.87				-2.442	-0.0029	-2.5 to 2.5	Pass			
-10	3.87	-1.418				-0.0017	-2.5 to 2.5	Pass				
	0	3.87				-1.729	-0.0021	-2.5 to 2.5	Pass			
10	3.87	-1.459				-0.0017	-2.5 to 2.5	Pass				
	30	3.87				-1.570	-0.0019	-2.5 to 2.5	Pass			
40	3.87	-0.277	-0.0003	-2.5 to 2.5	Pass							
	50	3.87	-1.730	-0.0021	-2.5 to 2.5	Pass						



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848.3	6	0	20	3.5	-1.796	-0.0021	-2.5 to 2.5	Pass
				3.87	-0.767	-0.0009	-2.5 to 2.5	Pass
				4.45	0.195	0.0002	-2.5 to 2.5	Pass
			-30	3.87	-0.224	-0.0003	-2.5 to 2.5	Pass
			-20	3.87	-4.021	-0.0047	-2.5 to 2.5	Pass
			-10	3.87	-0.742	-0.0009	-2.5 to 2.5	Pass
			0	3.87	-3.134	-0.0037	-2.5 to 2.5	Pass
			10	3.87	-0.028	0.0000	-2.5 to 2.5	Pass
			30	3.87	0.011	0.0000	-2.5 to 2.5	Pass
			40	3.87	0.810	0.0010	-2.5 to 2.5	Pass
	50	3.87	-2.114	-0.0025	-2.5 to 2.5	Pass		



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2.2 B5_3MHz

2.2.1 Test Result

Band: 5 / Bandwidth: 3MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	825.5	15	0	20	3.5	-0.877	-0.0011	-2.5 to 2.5	Pass	
					3.87	-3.238	-0.0039	-2.5 to 2.5	Pass	
					4.45	-2.353	-0.0029	-2.5 to 2.5	Pass	
				-30	3.87	-0.711	-0.0009	-2.5 to 2.5	Pass	
					-20	3.87	-0.147	-0.0002	-2.5 to 2.5	Pass
						-10	3.87	-0.942	-0.0011	-2.5 to 2.5
				0	3.87	-1.091	-0.0013	-2.5 to 2.5	Pass	
					10	3.87	-1.564	-0.0019	-2.5 to 2.5	Pass
				30	3.87	-1.049	-0.0013	-2.5 to 2.5	Pass	
				40	3.87	-2.259	-0.0027	-2.5 to 2.5	Pass	
	50	3.87	-3.128	-0.0038	-2.5 to 2.5	Pass				
	836.5	15	0	20	3.5	-1.724	-0.0021	-2.5 to 2.5	Pass	
					3.87	-1.454	-0.0017	-2.5 to 2.5	Pass	
					4.45	-1.276	-0.0015	-2.5 to 2.5	Pass	
				-30	3.87	-0.957	-0.0011	-2.5 to 2.5	Pass	
					-20	3.87	-1.805	-0.0022	-2.5 to 2.5	Pass
						-10	3.87	-0.755	-0.0009	-2.5 to 2.5
				0	3.87	-3.829	-0.0046	-2.5 to 2.5	Pass	
					10	3.87	-1.615	-0.0019	-2.5 to 2.5	Pass
				30	3.87	-0.445	-0.0005	-2.5 to 2.5	Pass	
				40	3.87	-0.812	-0.0010	-2.5 to 2.5	Pass	
	50	3.87	-1.559	-0.0019	-2.5 to 2.5	Pass				
	847.5	15	0	20	3.5	0.595	0.0007	-2.5 to 2.5	Pass	
					3.87	1.330	0.0016	-2.5 to 2.5	Pass	
					4.45	0.469	0.0006	-2.5 to 2.5	Pass	
				-30	3.87	0.029	0.0000	-2.5 to 2.5	Pass	
					-20	3.87	-0.791	-0.0009	-2.5 to 2.5	Pass
						-10	3.87	2.155	0.0025	-2.5 to 2.5
				0	3.87	2.042	0.0024	-2.5 to 2.5	Pass	
					10	3.87	1.925	0.0023	-2.5 to 2.5	Pass
30				3.87	-0.387	-0.0005	-2.5 to 2.5	Pass		
40				3.87	-1.147	-0.0014	-2.5 to 2.5	Pass		
50	3.87	-0.756	-0.0009	-2.5 to 2.5	Pass					
16QAM	825.5	15	0	20	3.5	-0.123	-0.0001	-2.5 to 2.5	Pass	
					3.87	-1.120	-0.0014	-2.5 to 2.5	Pass	
					4.45	-0.723	-0.0009	-2.5 to 2.5	Pass	
				-30	3.87	-0.467	-0.0006	-2.5 to 2.5	Pass	
					-20	3.87	-4.135	-0.0050	-2.5 to 2.5	Pass
						-10	3.87	0.033	0.0000	-2.5 to 2.5
				0	3.87	-0.261	-0.0003	-2.5 to 2.5	Pass	
					10	3.87	-0.015	0.0000	-2.5 to 2.5	Pass



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64QAM	836.5	15	0	30	3.87	-4.230	-0.0051	-2.5 to 2.5	Pass
				40	3.87	-0.691	-0.0008	-2.5 to 2.5	Pass
				50	3.87	-0.593	-0.0007	-2.5 to 2.5	Pass
				20	3.5	-2.268	-0.0027	-2.5 to 2.5	Pass
					3.87	-2.359	-0.0028	-2.5 to 2.5	Pass
					4.45	1.717	0.0021	-2.5 to 2.5	Pass
				-30	3.87	1.033	0.0012	-2.5 to 2.5	Pass
				-20	3.87	0.353	0.0004	-2.5 to 2.5	Pass
				-10	3.87	-0.287	-0.0003	-2.5 to 2.5	Pass
				0	3.87	-3.623	-0.0043	-2.5 to 2.5	Pass
				10	3.87	-2.926	-0.0035	-2.5 to 2.5	Pass
				30	3.87	4.218	0.0050	-2.5 to 2.5	Pass
	40	3.87	-2.021	-0.0024	-2.5 to 2.5	Pass			
	50	3.87	0.588	0.0007	-2.5 to 2.5	Pass			
	847.5	15	0	20	3.5	2.136	0.0025	-2.5 to 2.5	Pass
					3.87	1.384	0.0016	-2.5 to 2.5	Pass
					4.45	-1.699	-0.0020	-2.5 to 2.5	Pass
				-30	3.87	0.025	0.0000	-2.5 to 2.5	Pass
				-20	3.87	0.600	0.0007	-2.5 to 2.5	Pass
				-10	3.87	1.025	0.0012	-2.5 to 2.5	Pass
				0	3.87	2.328	0.0027	-2.5 to 2.5	Pass
				10	3.87	3.216	0.0038	-2.5 to 2.5	Pass
				30	3.87	-0.483	-0.0006	-2.5 to 2.5	Pass
				40	3.87	0.426	0.0005	-2.5 to 2.5	Pass
				50	3.87	0.395	0.0005	-2.5 to 2.5	Pass
				825.5	15	0	20	3.5	-3.706
	3.87	0.849	0.0010					-2.5 to 2.5	Pass
	4.45	-1.516	-0.0018					-2.5 to 2.5	Pass
	-30	3.87	-2.108				-0.0026	-2.5 to 2.5	Pass
	-20	3.87	-3.121				-0.0038	-2.5 to 2.5	Pass
-10	3.87	2.908	0.0035				-2.5 to 2.5	Pass	
0	3.87	-1.618	-0.0020				-2.5 to 2.5	Pass	
10	3.87	-0.986	-0.0012				-2.5 to 2.5	Pass	
30	3.87	1.715	0.0021				-2.5 to 2.5	Pass	
40	3.87	-1.319	-0.0016				-2.5 to 2.5	Pass	
50	3.87	-1.777	-0.0022				-2.5 to 2.5	Pass	
836.5	15	0	20				3.5	-3.032	-0.0036
					3.87	-3.724	-0.0045	-2.5 to 2.5	Pass
					4.45	-0.464	-0.0006	-2.5 to 2.5	Pass
			-30		3.87	-5.061	-0.0061	-2.5 to 2.5	Pass
			-20		3.87	0.524	0.0006	-2.5 to 2.5	Pass
			-10		3.87	1.045	0.0012	-2.5 to 2.5	Pass
			0		3.87	-4.274	-0.0051	-2.5 to 2.5	Pass
			10		3.87	1.126	0.0013	-2.5 to 2.5	Pass
			30		3.87	-3.232	-0.0039	-2.5 to 2.5	Pass
			40		3.87	-2.266	-0.0027	-2.5 to 2.5	Pass
			50		3.87	-2.352	-0.0028	-2.5 to 2.5	Pass
			847.5		15	0	20	3.5	-0.540
3.87	1.098	0.0013						-2.5 to 2.5	Pass



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				4.45	-1.823	-0.0022	-2.5 to 2.5	Pass
			-30	3.87	3.346	0.0039	-2.5 to 2.5	Pass
			-20	3.87	-0.016	0.0000	-2.5 to 2.5	Pass
			-10	3.87	-0.487	-0.0006	-2.5 to 2.5	Pass
			0	3.87	-0.190	-0.0002	-2.5 to 2.5	Pass
			10	3.87	0.350	0.0004	-2.5 to 2.5	Pass
			30	3.87	-1.258	-0.0015	-2.5 to 2.5	Pass
			40	3.87	0.605	0.0007	-2.5 to 2.5	Pass
			50	3.87	1.163	0.0014	-2.5 to 2.5	Pass



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2.3 B5_5MHz

2.3.1 Test Result

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.5	1.060	0.0013	-2.5 to 2.5	Pass
					3.87	-2.820	-0.0034	-2.5 to 2.5	Pass
					4.45	-3.753	-0.0045	-2.5 to 2.5	Pass
				-30	3.87	0.709	0.0009	-2.5 to 2.5	Pass
				-20	3.87	-0.027	0.0000	-2.5 to 2.5	Pass
				-10	3.87	0.118	0.0001	-2.5 to 2.5	Pass
				0	3.87	-0.589	-0.0007	-2.5 to 2.5	Pass
				10	3.87	-0.684	-0.0008	-2.5 to 2.5	Pass
				30	3.87	-2.032	-0.0025	-2.5 to 2.5	Pass
				40	3.87	-3.189	-0.0039	-2.5 to 2.5	Pass
	50	3.87	-3.750	-0.0045	-2.5 to 2.5	Pass			
	836.5	25	0	20	3.5	-0.566	-0.0007	-2.5 to 2.5	Pass
					3.87	-0.791	-0.0009	-2.5 to 2.5	Pass
					4.45	0.357	0.0004	-2.5 to 2.5	Pass
				-30	3.87	-1.151	-0.0014	-2.5 to 2.5	Pass
				-20	3.87	-0.473	-0.0006	-2.5 to 2.5	Pass
				-10	3.87	-1.091	-0.0013	-2.5 to 2.5	Pass
				0	3.87	1.346	0.0016	-2.5 to 2.5	Pass
				10	3.87	-0.158	-0.0002	-2.5 to 2.5	Pass
				30	3.87	-2.394	-0.0029	-2.5 to 2.5	Pass
				40	3.87	-2.381	-0.0028	-2.5 to 2.5	Pass
	50	3.87	-2.016	-0.0024	-2.5 to 2.5	Pass			
	846.5	25	0	20	3.5	-0.972	-0.0011	-2.5 to 2.5	Pass
					3.87	-0.946	-0.0011	-2.5 to 2.5	Pass
					4.45	-0.325	-0.0004	-2.5 to 2.5	Pass
				-30	3.87	-1.619	-0.0019	-2.5 to 2.5	Pass
				-20	3.87	0.211	0.0002	-2.5 to 2.5	Pass
				-10	3.87	-1.648	-0.0019	-2.5 to 2.5	Pass
				0	3.87	-1.178	-0.0014	-2.5 to 2.5	Pass
				10	3.87	-2.608	-0.0031	-2.5 to 2.5	Pass
30				3.87	-0.899	-0.0011	-2.5 to 2.5	Pass	
40				3.87	1.742	0.0021	-2.5 to 2.5	Pass	
50	3.87	-0.792	-0.0009	-2.5 to 2.5	Pass				
16QAM	826.5	25	0	20	3.5	-0.537	-0.0006	-2.5 to 2.5	Pass
					3.87	-4.215	-0.0051	-2.5 to 2.5	Pass
					4.45	-1.016	-0.0012	-2.5 to 2.5	Pass
				-30	3.87	-0.585	-0.0007	-2.5 to 2.5	Pass
				-20	3.87	-0.916	-0.0011	-2.5 to 2.5	Pass
				-10	3.87	0.056	0.0001	-2.5 to 2.5	Pass
				0	3.87	1.911	0.0023	-2.5 to 2.5	Pass
				10	3.87	-0.026	0.0000	-2.5 to 2.5	Pass



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				30	3.87	2.705	0.0033	-2.5 to 2.5	Pass								
				40	3.87	-0.586	-0.0007	-2.5 to 2.5	Pass								
				50	3.87	-2.400	-0.0029	-2.5 to 2.5	Pass								
836.5	25	0		20	3.5	-0.060	-0.0001	-2.5 to 2.5	Pass								
					3.87	-3.414	-0.0041	-2.5 to 2.5	Pass								
					4.45	-3.381	-0.0040	-2.5 to 2.5	Pass								
								-30	3.87	0.330	0.0004	-2.5 to 2.5	Pass				
								-20	3.87	-3.444	-0.0041	-2.5 to 2.5	Pass				
								-10	3.87	0.927	0.0011	-2.5 to 2.5	Pass				
								0	3.87	-3.104	-0.0037	-2.5 to 2.5	Pass				
								10	3.87	-3.151	-0.0038	-2.5 to 2.5	Pass				
								30	3.87	0.353	0.0004	-2.5 to 2.5	Pass				
								40	3.87	-3.770	-0.0045	-2.5 to 2.5	Pass				
								50	3.87	0.507	0.0006	-2.5 to 2.5	Pass				
								846.5	25	0		20	3.5	-1.585	-0.0019	-2.5 to 2.5	Pass
3.87	-1.460	-0.0017	-2.5 to 2.5										Pass				
4.45	1.685	0.0020	-2.5 to 2.5										Pass				
				-30	3.87	1.590	0.0019					-2.5 to 2.5	Pass				
				-20	3.87	-1.728	-0.0020					-2.5 to 2.5	Pass				
				-10	3.87	3.065	0.0036					-2.5 to 2.5	Pass				
				0	3.87	1.854	0.0022					-2.5 to 2.5	Pass				
				10	3.87	2.795	0.0033					-2.5 to 2.5	Pass				
				30	3.87	0.598	0.0007	-2.5 to 2.5	Pass								
				40	3.87	-4.266	-0.0050	-2.5 to 2.5	Pass								
				50	3.87	-1.438	-0.0017	-2.5 to 2.5	Pass								
				64QAM	25	0		20	3.5	-2.741	-0.0033	-2.5 to 2.5	Pass				
									3.87	-1.913	-0.0023	-2.5 to 2.5	Pass				
									4.45	-2.114	-0.0026	-2.5 to 2.5	Pass				
								-30	3.87	-1.615	-0.0020	-2.5 to 2.5	Pass				
								-20	3.87	-1.403	-0.0017	-2.5 to 2.5	Pass				
								-10	3.87	-2.094	-0.0025	-2.5 to 2.5	Pass				
								0	3.87	-1.830	-0.0022	-2.5 to 2.5	Pass				
								10	3.87	-0.366	-0.0004	-2.5 to 2.5	Pass				
								30	3.87	-2.154	-0.0026	-2.5 to 2.5	Pass				
								40	3.87	-2.236	-0.0027	-2.5 to 2.5	Pass				
								50	3.87	1.058	0.0013	-2.5 to 2.5	Pass				
								836.5	25	0		20	3.5	-2.253	-0.0027	-2.5 to 2.5	Pass
													3.87	2.917	0.0035	-2.5 to 2.5	Pass
													4.45	-0.897	-0.0011	-2.5 to 2.5	Pass
																-30	3.87
-20	3.87	-0.095	-0.0001	-2.5 to 2.5	Pass												
-10	3.87	-1.168	-0.0014	-2.5 to 2.5	Pass												
846.5	25	0		0	3.87	-1.757	-0.0021	-2.5 to 2.5	Pass								
				10	3.87	-0.383	-0.0005	-2.5 to 2.5	Pass								
				30	3.87	0.458	0.0005	-2.5 to 2.5	Pass								
				40	3.87	-2.662	-0.0032	-2.5 to 2.5	Pass								
				50	3.87	0.615	0.0007	-2.5 to 2.5	Pass								
				20	3.5	-0.912	-0.0011	-2.5 to 2.5	Pass								
				3.87	-0.465	-0.0005	-2.5 to 2.5	Pass									



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				4.45	-0.758	-0.0009	-2.5 to 2.5	Pass
				-30	3.87	-2.005	-0.0024	Pass
				-20	3.87	1.077	0.0013	Pass
				-10	3.87	0.757	0.0009	Pass
				0	3.87	-0.124	-0.0001	Pass
				10	3.87	0.906	0.0011	Pass
				30	3.87	1.470	0.0017	Pass
				40	3.87	-2.418	-0.0029	Pass
				50	3.87	-0.340	-0.0004	Pass



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2.4 B5_10MHz

2.4.1 Test Result

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.5	1.852	0.0022	-2.5 to 2.5	Pass
					3.87	0.622	0.0008	-2.5 to 2.5	Pass
					4.45	-1.412	-0.0017	-2.5 to 2.5	Pass
				-30	3.87	2.985	0.0036	-2.5 to 2.5	Pass
				-20	3.87	2.767	0.0033	-2.5 to 2.5	Pass
				-10	3.87	2.533	0.0031	-2.5 to 2.5	Pass
				0	3.87	1.401	0.0017	-2.5 to 2.5	Pass
				10	3.87	1.922	0.0023	-2.5 to 2.5	Pass
				30	3.87	0.111	0.0001	-2.5 to 2.5	Pass
				40	3.87	1.249	0.0015	-2.5 to 2.5	Pass
	50	3.87	1.407	0.0017	-2.5 to 2.5	Pass			
	836.5	50	0	20	3.5	2.044	0.0024	-2.5 to 2.5	Pass
					3.87	1.445	0.0017	-2.5 to 2.5	Pass
					4.45	0.387	0.0005	-2.5 to 2.5	Pass
				-30	3.87	-0.928	-0.0011	-2.5 to 2.5	Pass
				-20	3.87	-1.662	-0.0020	-2.5 to 2.5	Pass
				-10	3.87	-0.783	-0.0009	-2.5 to 2.5	Pass
				0	3.87	2.968	0.0035	-2.5 to 2.5	Pass
				10	3.87	1.180	0.0014	-2.5 to 2.5	Pass
				30	3.87	0.908	0.0011	-2.5 to 2.5	Pass
				40	3.87	-1.633	-0.0020	-2.5 to 2.5	Pass
	50	3.87	0.794	0.0009	-2.5 to 2.5	Pass			
	844	50	0	20	3.5	2.495	0.0030	-2.5 to 2.5	Pass
					3.87	2.206	0.0026	-2.5 to 2.5	Pass
					4.45	-0.422	-0.0005	-2.5 to 2.5	Pass
				-30	3.87	-1.627	-0.0019	-2.5 to 2.5	Pass
				-20	3.87	2.270	0.0027	-2.5 to 2.5	Pass
				-10	3.87	1.667	0.0020	-2.5 to 2.5	Pass
				0	3.87	0.739	0.0009	-2.5 to 2.5	Pass
				10	3.87	0.326	0.0004	-2.5 to 2.5	Pass
30				3.87	-1.566	-0.0019	-2.5 to 2.5	Pass	
40				3.87	1.392	0.0016	-2.5 to 2.5	Pass	
50	3.87	2.350	0.0028	-2.5 to 2.5	Pass				
16QAM	829	50	0	20	3.5	-2.345	-0.0028	-2.5 to 2.5	Pass
					3.87	-1.778	-0.0021	-2.5 to 2.5	Pass
					4.45	-0.823	-0.0010	-2.5 to 2.5	Pass
				-30	3.87	-2.310	-0.0028	-2.5 to 2.5	Pass
				-20	3.87	-0.726	-0.0009	-2.5 to 2.5	Pass
				-10	3.87	-1.392	-0.0017	-2.5 to 2.5	Pass
				0	3.87	1.976	0.0024	-2.5 to 2.5	Pass
				10	3.87	2.142	0.0026	-2.5 to 2.5	Pass



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				30	3.87	1.681	0.0020	-2.5 to 2.5	Pass					
				40	3.87	-0.909	-0.0011	-2.5 to 2.5	Pass					
				50	3.87	-4.394	-0.0053	-2.5 to 2.5	Pass					
836.5	50	0		20	3.5	0.106	0.0001	-2.5 to 2.5	Pass					
					3.87	0.412	0.0005	-2.5 to 2.5	Pass					
					4.45	0.252	0.0003	-2.5 to 2.5	Pass					
								-30	3.87	2.493	0.0030	-2.5 to 2.5	Pass	
								-20	3.87	-0.968	-0.0012	-2.5 to 2.5	Pass	
								-10	3.87	-0.976	-0.0012	-2.5 to 2.5	Pass	
								0	3.87	-0.462	-0.0006	-2.5 to 2.5	Pass	
								10	3.87	0.019	0.0000	-2.5 to 2.5	Pass	
								30	3.87	-0.825	-0.0010	-2.5 to 2.5	Pass	
								40	3.87	0.023	0.0000	-2.5 to 2.5	Pass	
								50	3.87	-0.586	-0.0007	-2.5 to 2.5	Pass	
								844	50	0		20	3.5	1.710
3.87	2.967	0.0035	-2.5 to 2.5	Pass										
4.45	2.379	0.0028	-2.5 to 2.5	Pass										
				-30	3.87	2.981	0.0035					-2.5 to 2.5	Pass	
				-20	3.87	3.301	0.0039					-2.5 to 2.5	Pass	
				-10	3.87	-0.501	-0.0006					-2.5 to 2.5	Pass	
				0	3.87	2.435	0.0029					-2.5 to 2.5	Pass	
				10	3.87	0.230	0.0003					-2.5 to 2.5	Pass	
				30	3.87	-0.979	-0.0012					-2.5 to 2.5	Pass	
				40	3.87	-0.509	-0.0006					-2.5 to 2.5	Pass	
				50	3.87	1.310	0.0016					-2.5 to 2.5	Pass	
				64QAM	829	50	0					20	3.5	-4.405
3.87	-3.495	-0.0042	-2.5 to 2.5					Pass						
4.45	0.410	0.0005	-2.5 to 2.5					Pass						
								-30	3.87	0.351	0.0004	-2.5 to 2.5	Pass	
								-20	3.87	-0.044	-0.0001	-2.5 to 2.5	Pass	
								-10	3.87	1.156	0.0014	-2.5 to 2.5	Pass	
								0	3.87	-0.166	-0.0002	-2.5 to 2.5	Pass	
								10	3.87	-0.372	-0.0004	-2.5 to 2.5	Pass	
								30	3.87	0.609	0.0007	-2.5 to 2.5	Pass	
								40	3.87	1.256	0.0015	-2.5 to 2.5	Pass	
								50	3.87	-1.603	-0.0019	-2.5 to 2.5	Pass	
								836.5	50	0		20	3.5	0.346
3.87	0.151	0.0002	-2.5 to 2.5		Pass									
4.45	-1.015	-0.0012	-2.5 to 2.5		Pass									
					-30	3.87	3.493					0.0042	-2.5 to 2.5	Pass
					-20	3.87	3.739					0.0045	-2.5 to 2.5	Pass
					-10	3.87	-0.209					-0.0002	-2.5 to 2.5	Pass
					0	3.87	1.069					0.0013	-2.5 to 2.5	Pass
					10	3.87	-1.684					-0.0020	-2.5 to 2.5	Pass
					30	3.87	0.903					0.0011	-2.5 to 2.5	Pass
					40	3.87	0.430					0.0005	-2.5 to 2.5	Pass
					50	3.87	-0.015					0.0000	-2.5 to 2.5	Pass
					844	50	0					20	3.5	1.680
3.87	2.120	0.0025	-2.5 to 2.5					Pass						



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				4.45	0.127	0.0002	-2.5 to 2.5	Pass
				-30	3.87	-0.731	-2.5 to 2.5	Pass
				-20	3.87	0.645	-2.5 to 2.5	Pass
				-10	3.87	0.583	-2.5 to 2.5	Pass
				0	3.87	3.829	-2.5 to 2.5	Pass
				10	3.87	4.709	-2.5 to 2.5	Pass
				30	3.87	0.564	-2.5 to 2.5	Pass
				40	3.87	5.342	-2.5 to 2.5	Pass
				50	3.87	4.769	-2.5 to 2.5	Pass



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3. 99% & 26dB Bandwidth

3.1 Band5_OBW

3.1.1 Test Result

Band: 5 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.110	/	Pass
		836.5	6	0	1.119	/	Pass
		848.3	6	0	1.111	/	Pass
	16QAM	824.7	6	0	1.111	/	Pass
		836.5	6	0	1.114	/	Pass
		848.3	6	0	1.116	/	Pass
	64QAM	824.7	6	0	1.123	/	Pass
		836.5	6	0	1.109	/	Pass
		848.3	6	0	1.108	/	Pass
3	QPSK	825.5	15	0	2.742	/	Pass
		836.5	15	0	2.730	/	Pass
		847.5	15	0	2.728	/	Pass
	16QAM	825.5	15	0	2.744	/	Pass
		836.5	15	0	2.741	/	Pass
		847.5	15	0	2.729	/	Pass
	64QAM	825.5	15	0	2.748	/	Pass
		836.5	15	0	2.732	/	Pass
		847.5	15	0	2.738	/	Pass
5	QPSK	826.5	25	0	4.575	/	Pass
		836.5	25	0	4.556	/	Pass
		846.5	25	0	4.542	/	Pass
	16QAM	826.5	25	0	4.563	/	Pass
		836.5	25	0	4.584	/	Pass
		846.5	25	0	4.571	/	Pass
	64QAM	826.5	25	0	4.554	/	Pass
		836.5	25	0	4.561	/	Pass
		846.5	25	0	4.541	/	Pass
10	QPSK	829	50	0	9.083	/	Pass
		836.5	50	0	9.053	/	Pass
		844	50	0	9.073	/	Pass
	16QAM	829	50	0	9.111	/	Pass
		836.5	50	0	9.082	/	Pass
		844	50	0	9.071	/	Pass
	64QAM	829	50	0	9.049	/	Pass
		836.5	50	0	9.060	/	Pass
		844	50	0	9.079	/	Pass



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3.2 Band5_XDB

3.2.1 Test Result

Band: 5 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.358	/	Pass
		836.5	6	0	1.336	/	Pass
		848.3	6	0	1.335	/	Pass
	16QAM	824.7	6	0	1.312	/	Pass
		836.5	6	0	1.337	/	Pass
		848.3	6	0	1.330	/	Pass
	64QAM	824.7	6	0	1.342	/	Pass
		836.5	6	0	1.314	/	Pass
		848.3	6	0	1.333	/	Pass
3	QPSK	825.5	15	0	3.046	/	Pass
		836.5	15	0	3.032	/	Pass
		847.5	15	0	3.031	/	Pass
	16QAM	825.5	15	0	3.038	/	Pass
		836.5	15	0	3.027	/	Pass
		847.5	15	0	3.035	/	Pass
	64QAM	825.5	15	0	3.010	/	Pass
		836.5	15	0	3.017	/	Pass
		847.5	15	0	3.030	/	Pass
5	QPSK	826.5	25	0	5.109	/	Pass
		836.5	25	0	5.041	/	Pass
		846.5	25	0	5.074	/	Pass
	16QAM	826.5	25	0	5.050	/	Pass
		836.5	25	0	5.101	/	Pass
		846.5	25	0	5.082	/	Pass
	64QAM	826.5	25	0	5.042	/	Pass
		836.5	25	0	5.069	/	Pass
		846.5	25	0	5.041	/	Pass
10	QPSK	829	50	0	10.206	/	Pass
		836.5	50	0	10.042	/	Pass
		844	50	0	10.056	/	Pass
	16QAM	829	50	0	9.966	/	Pass
		836.5	50	0	10.024	/	Pass
		844	50	0	10.035	/	Pass
	64QAM	829	50	0	9.985	/	Pass
		836.5	50	0	10.064	/	Pass
		844	50	0	10.008	/	Pass



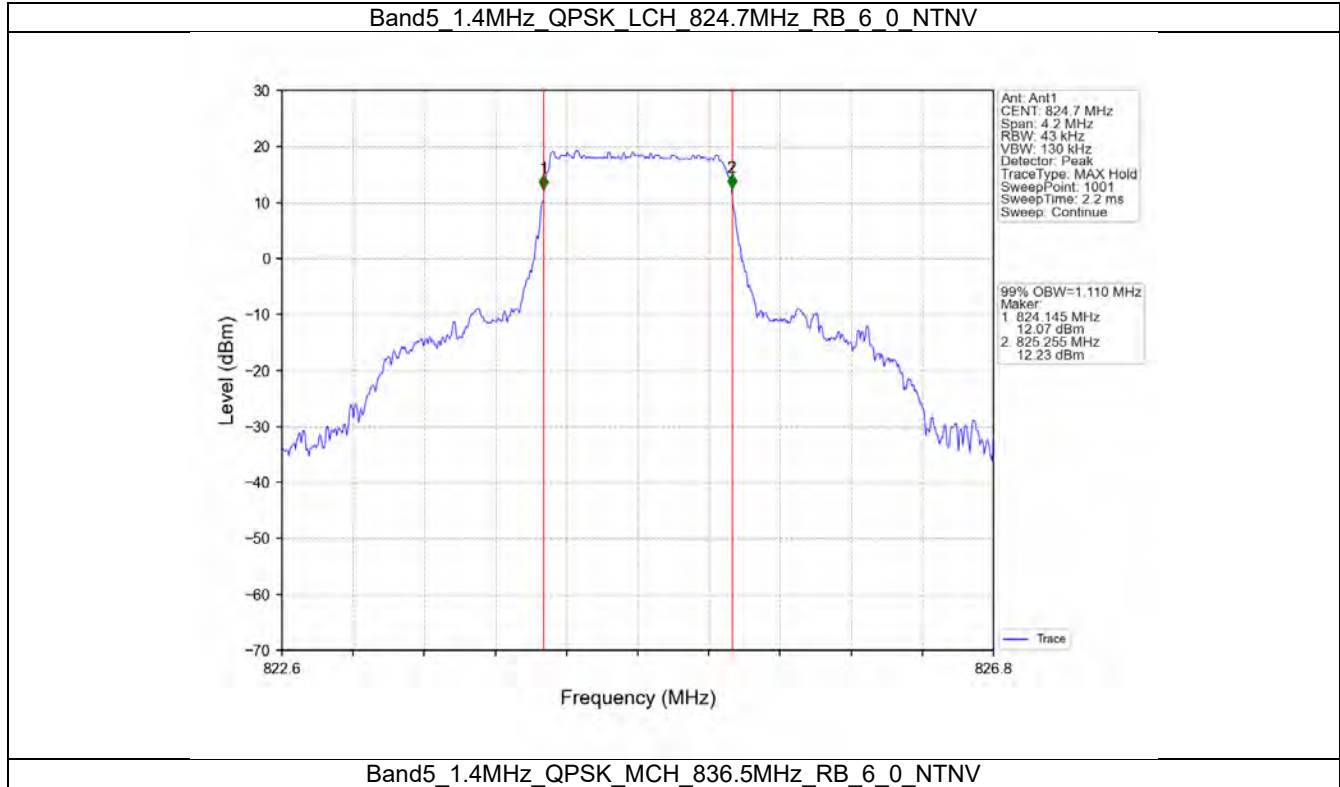
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3.1 Band5_OBW

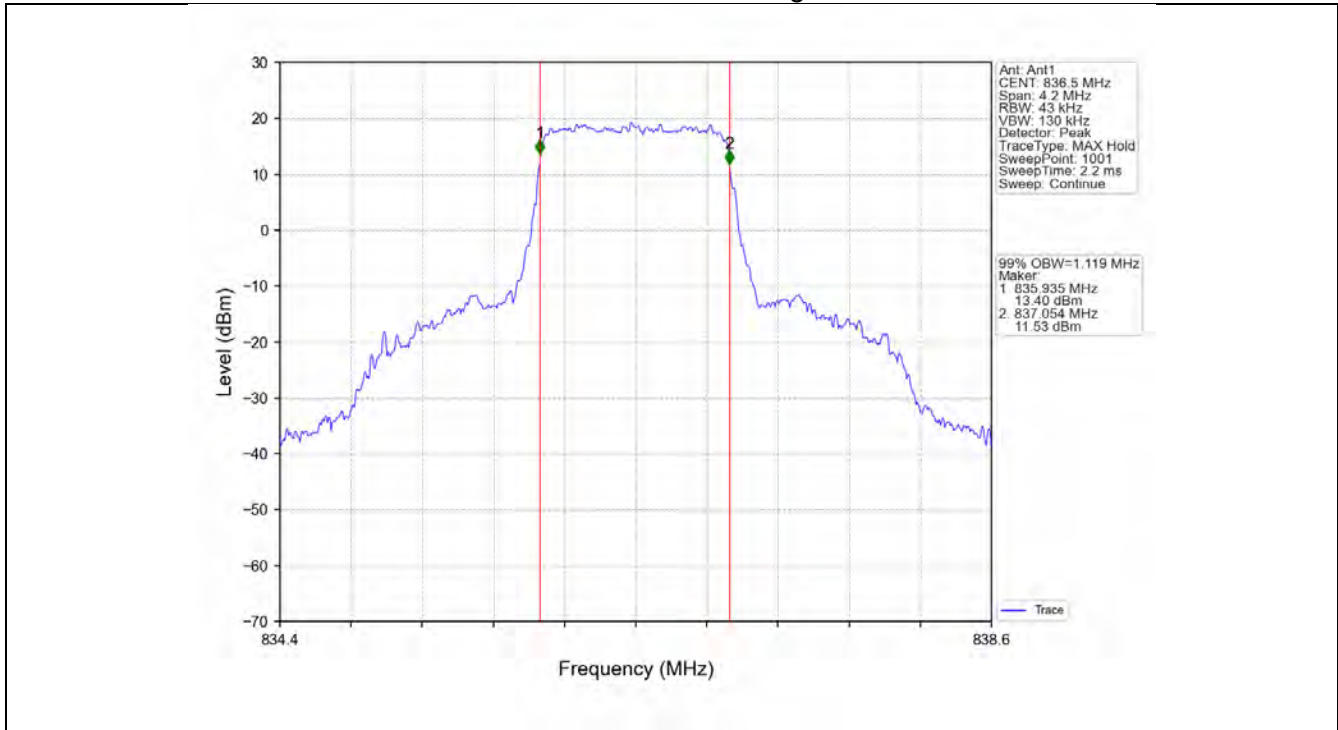
3.1.2 Test Graph



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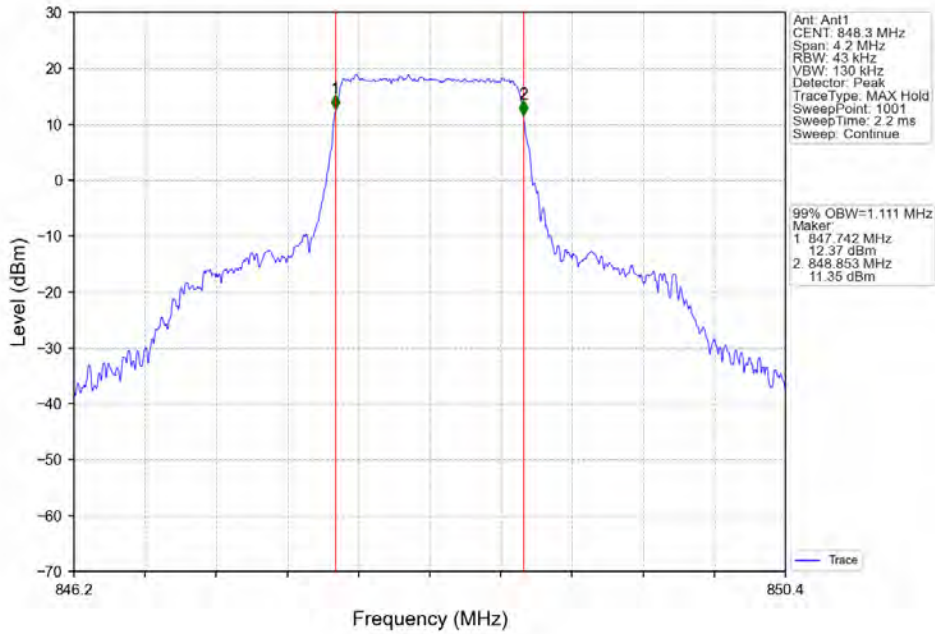


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Band5 1.4MHz QPSK HCH 848.3MHz RB 6_0 NTV



Band5 1.4MHz 16QAM LCH 824.7MHz RB 6_0 NTV



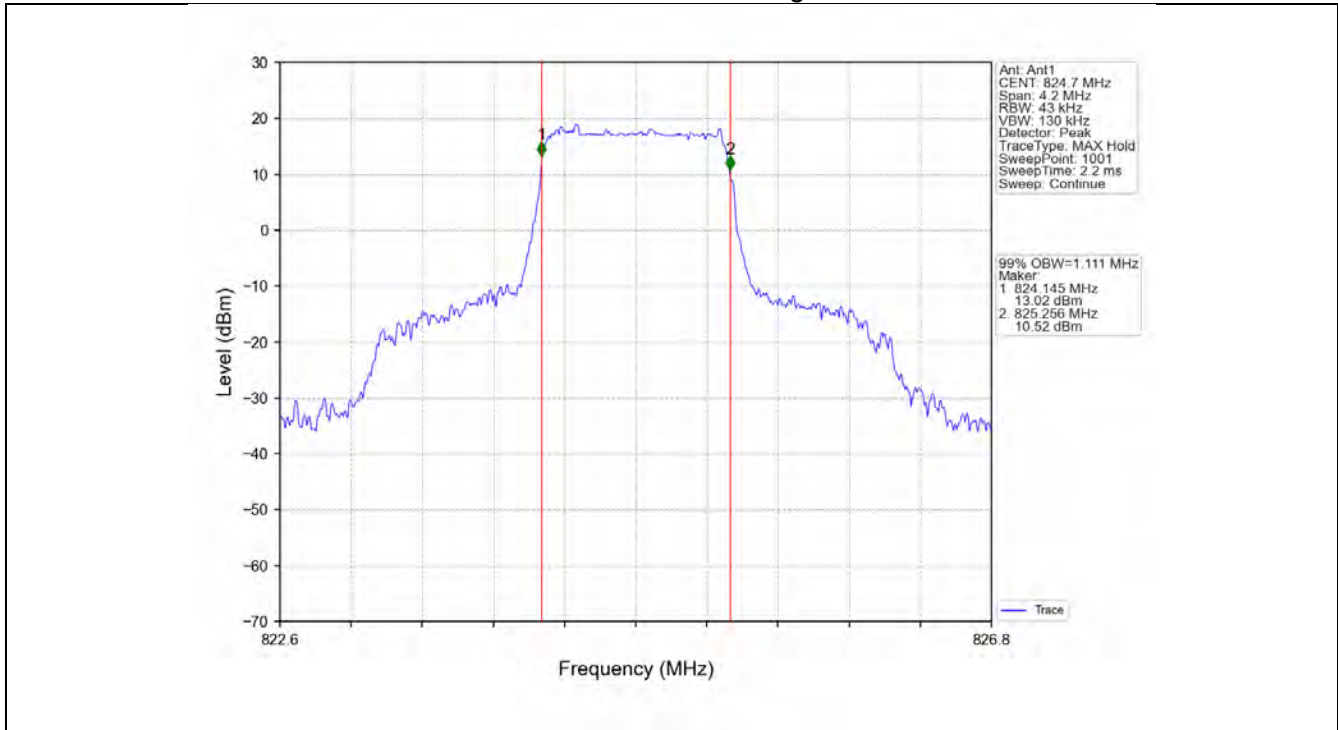
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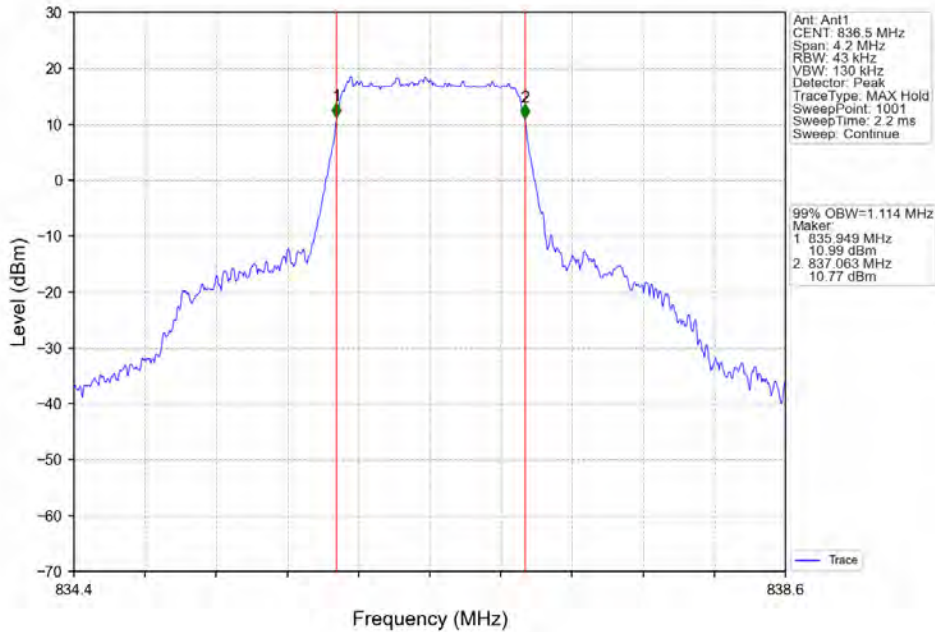


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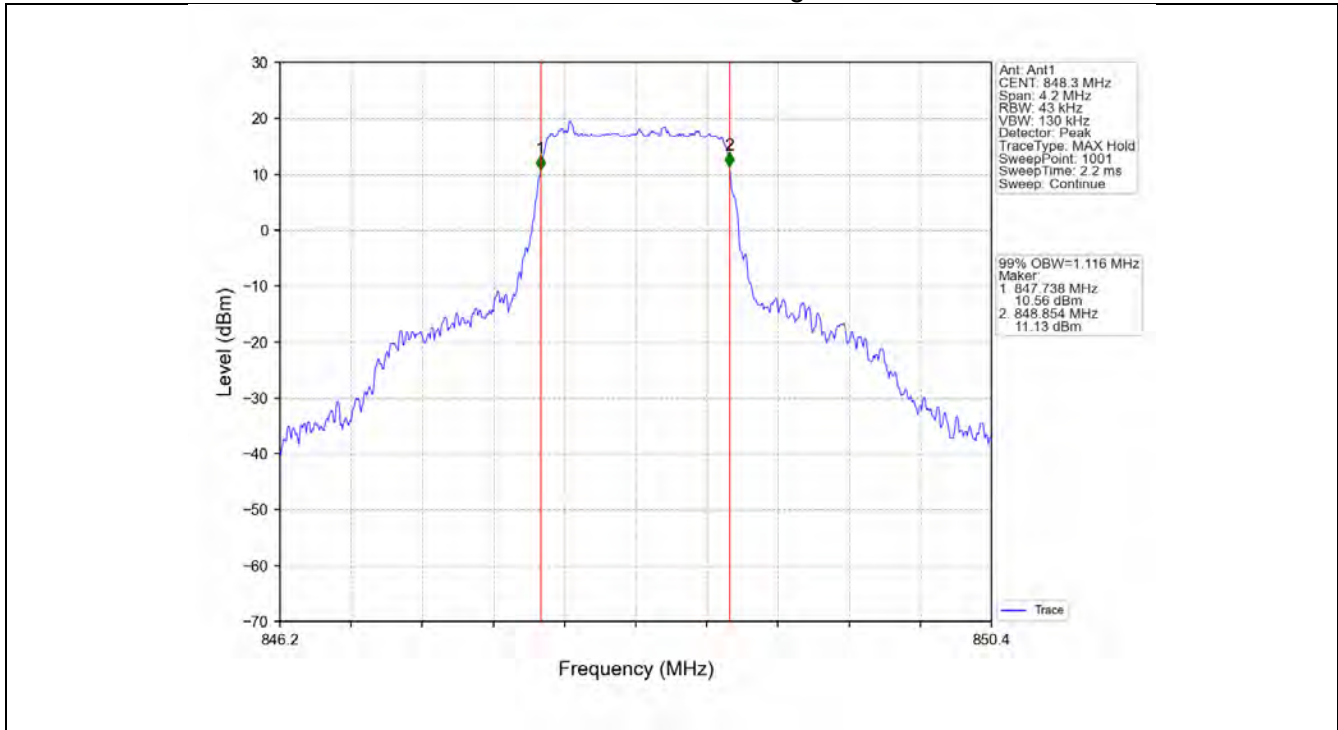
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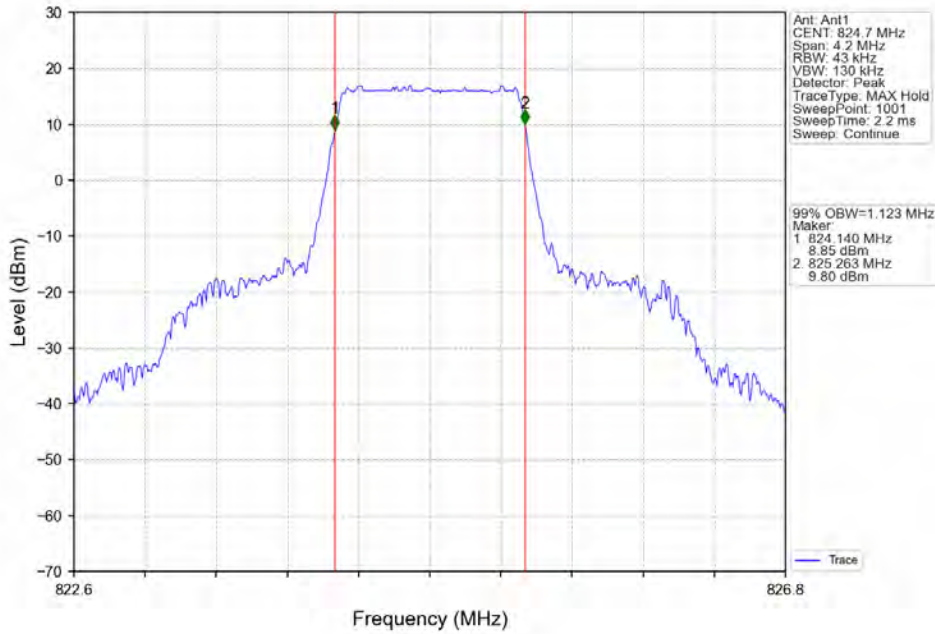


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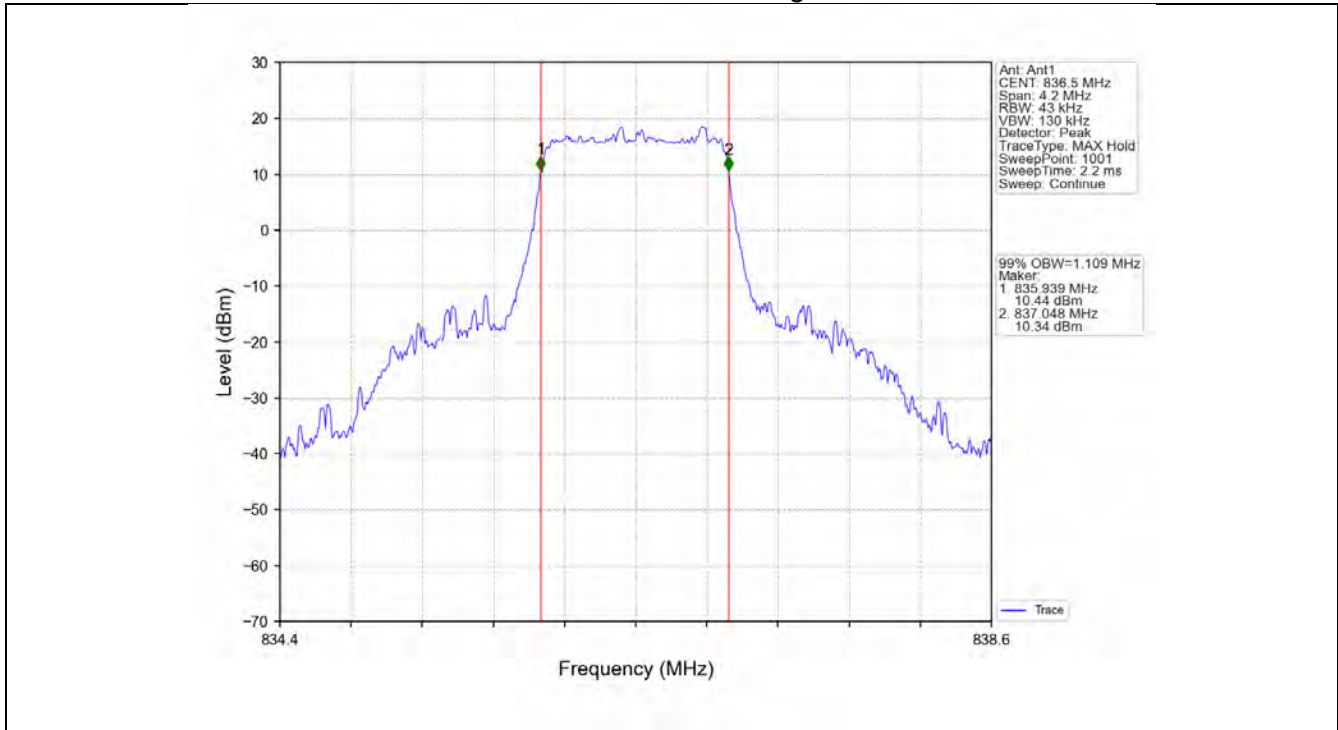
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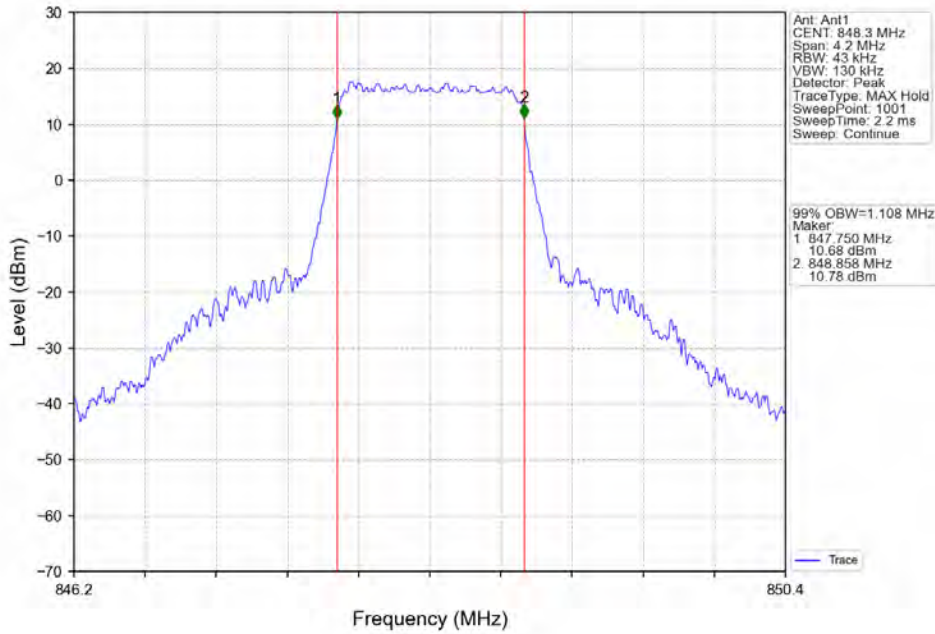
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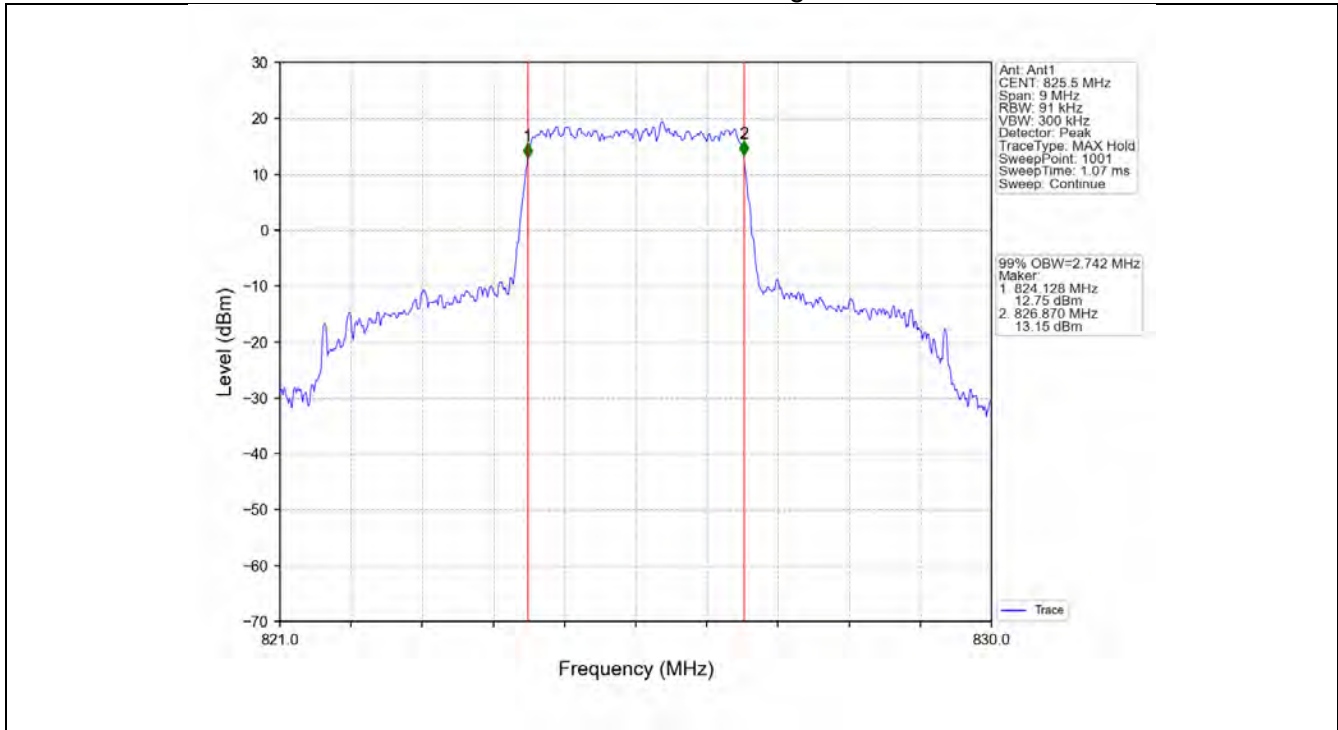
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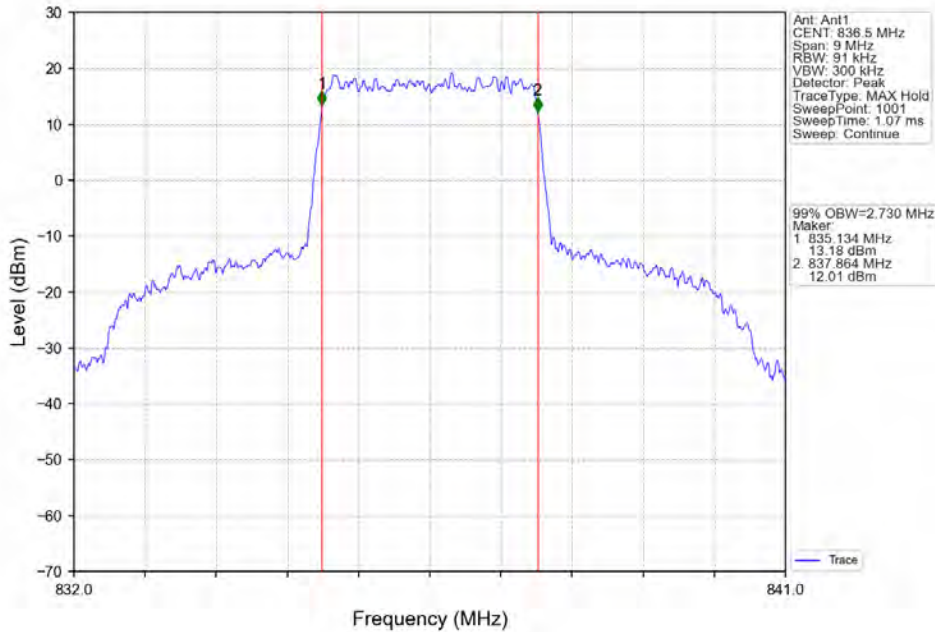


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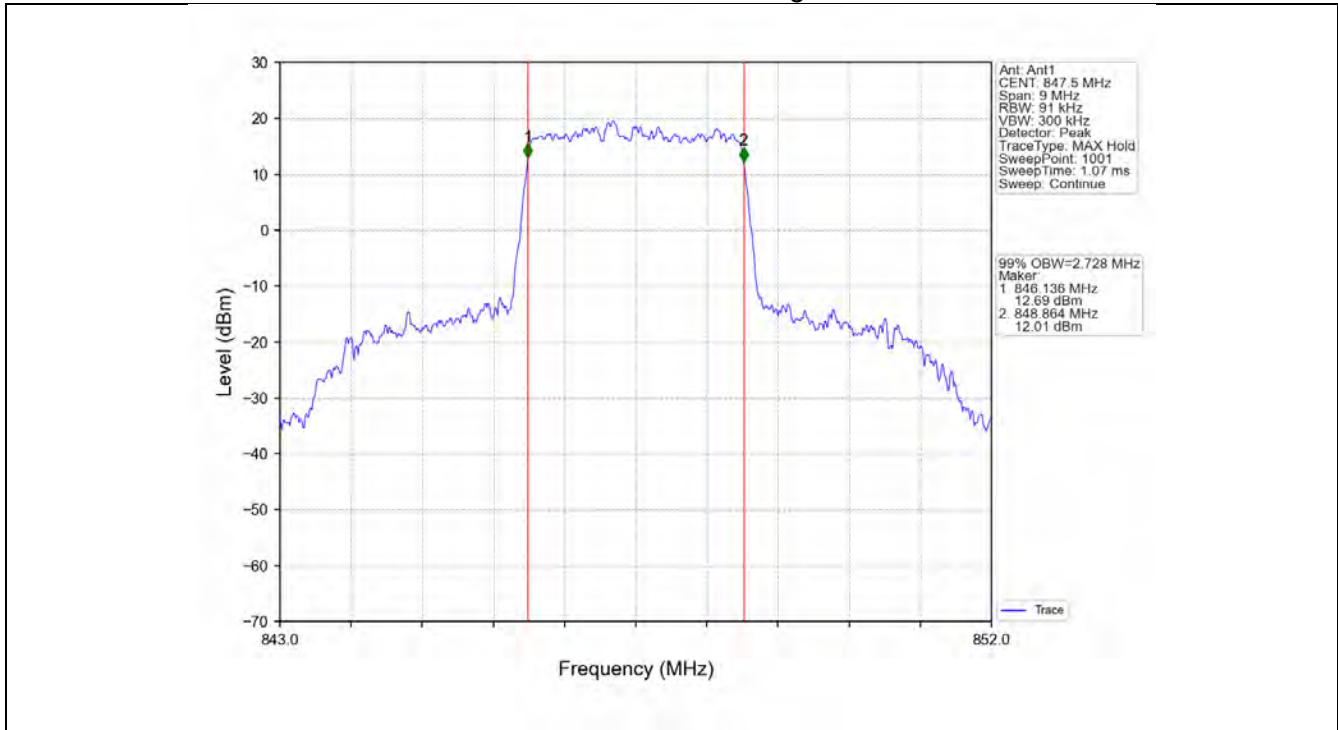
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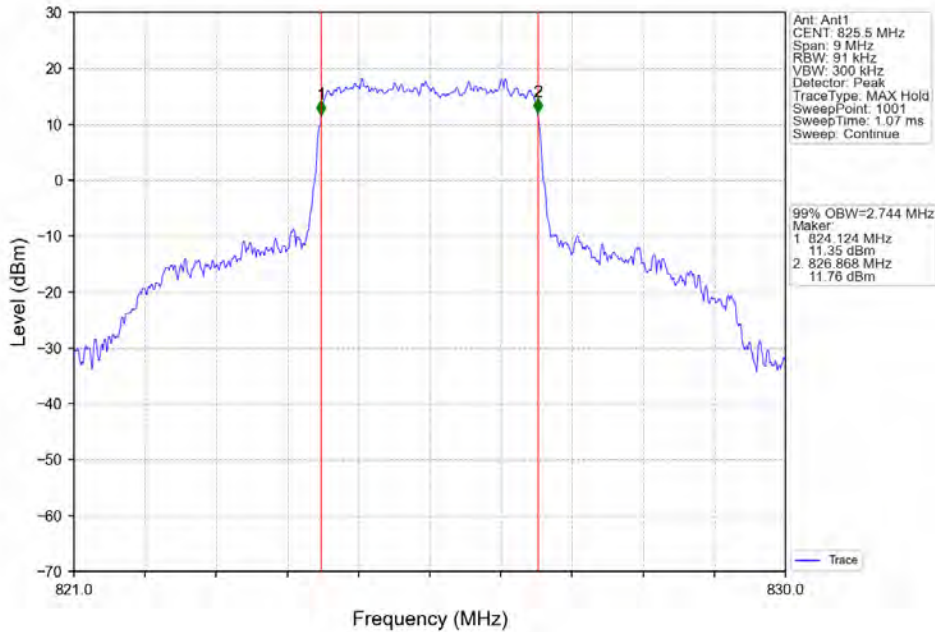


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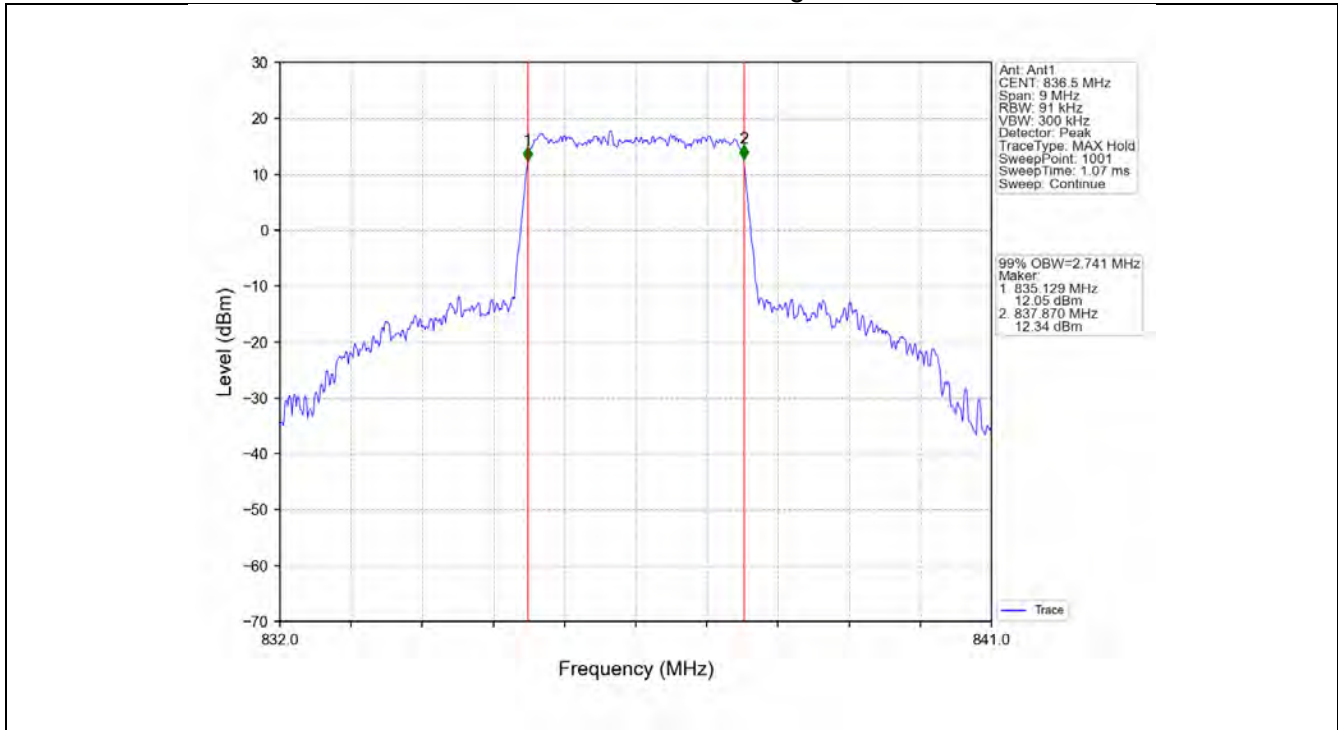
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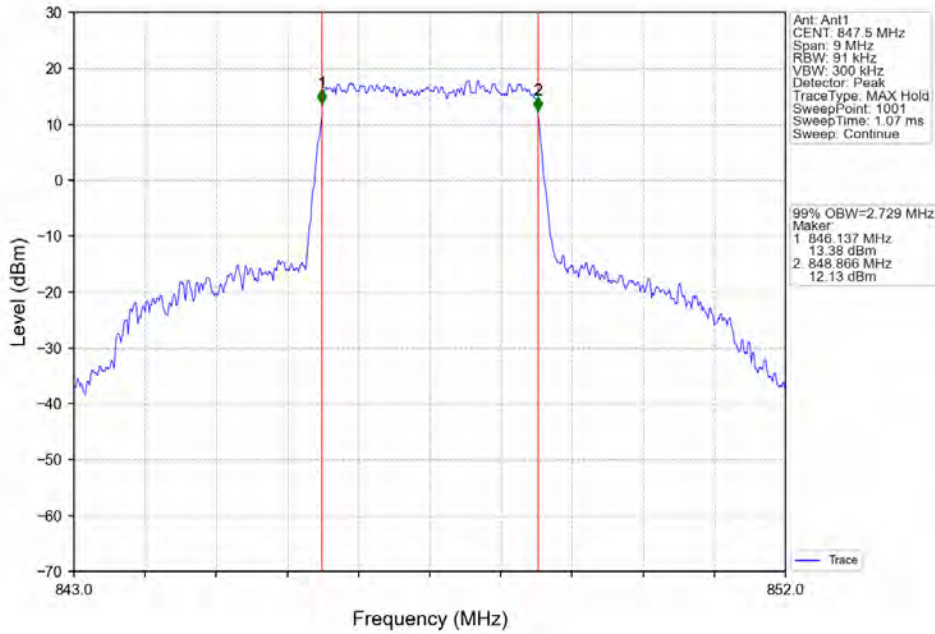
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Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



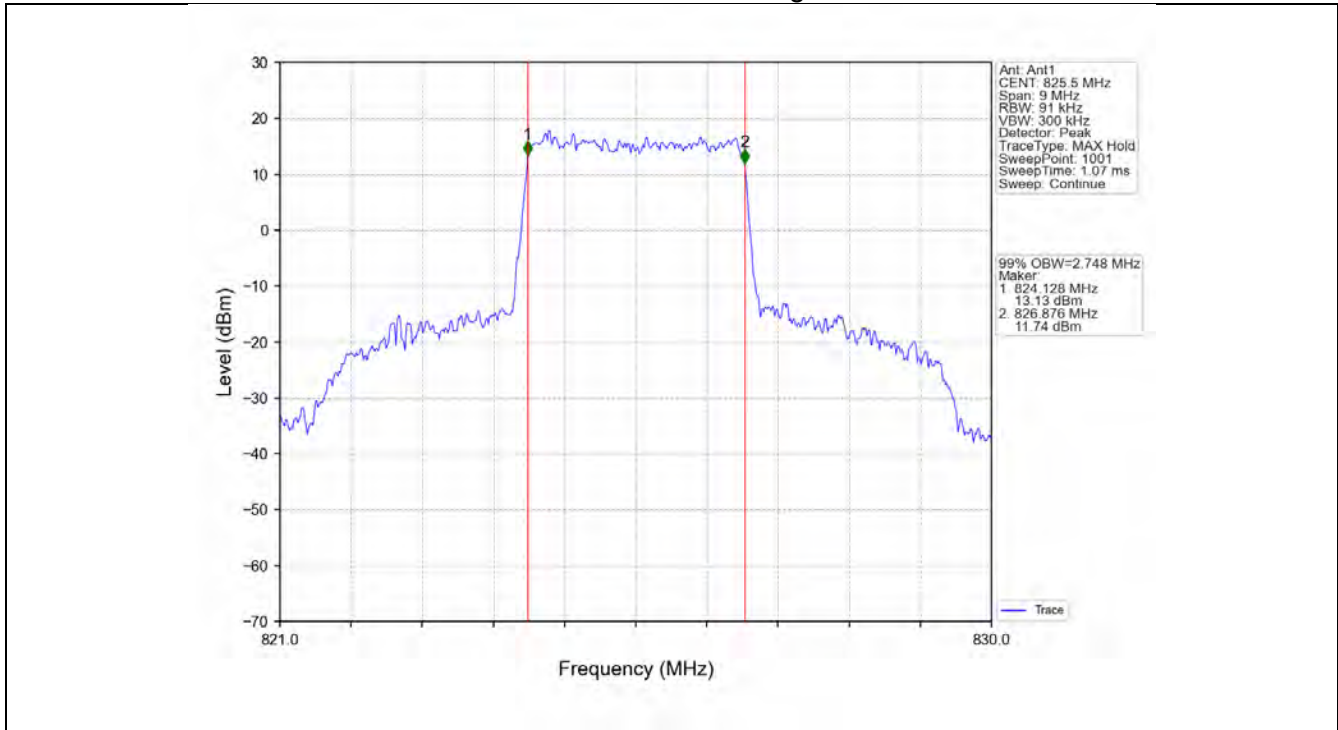
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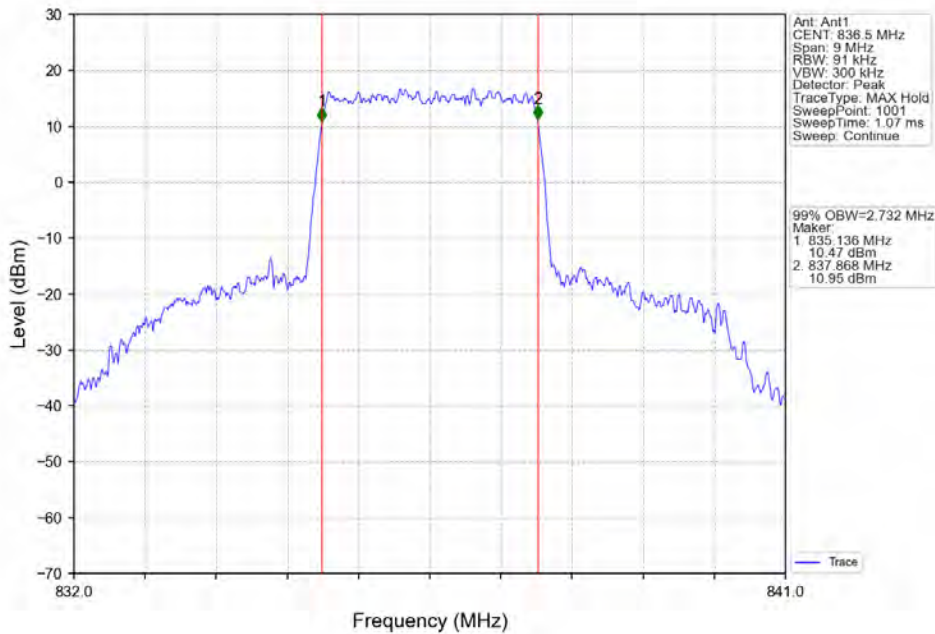


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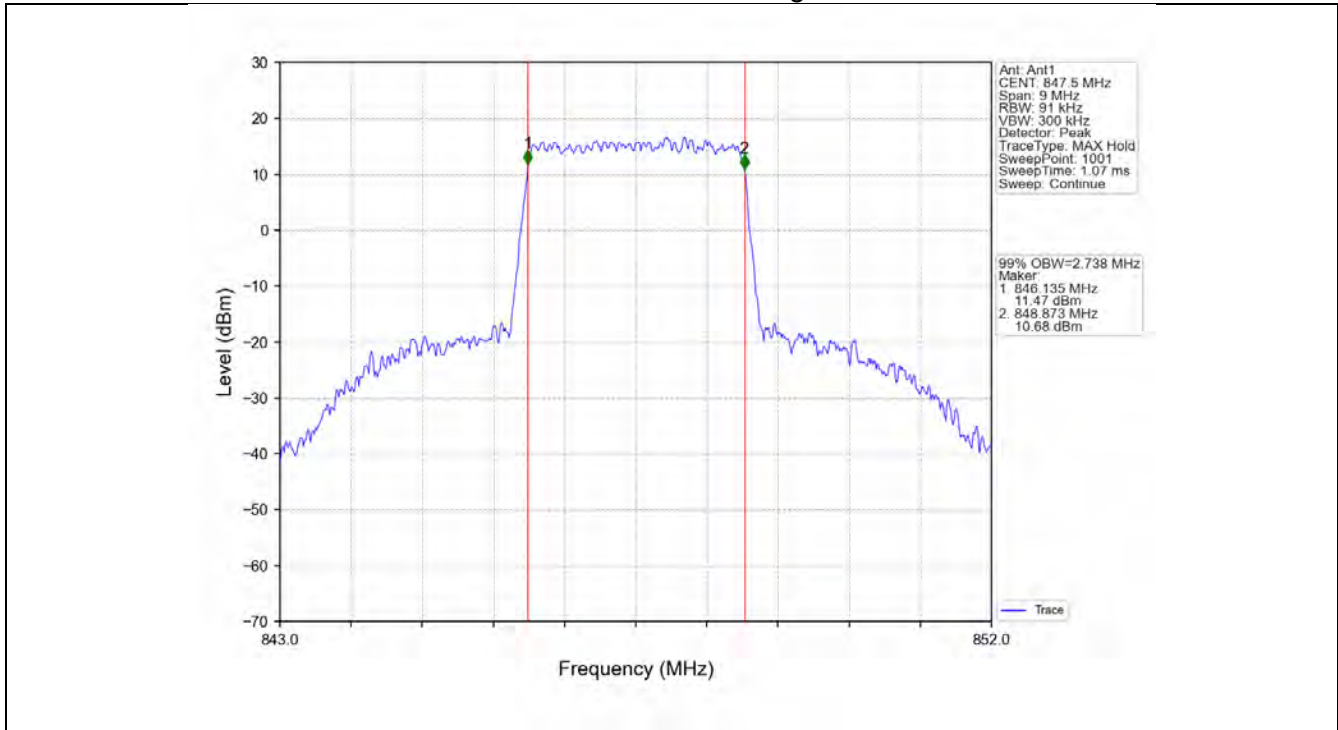
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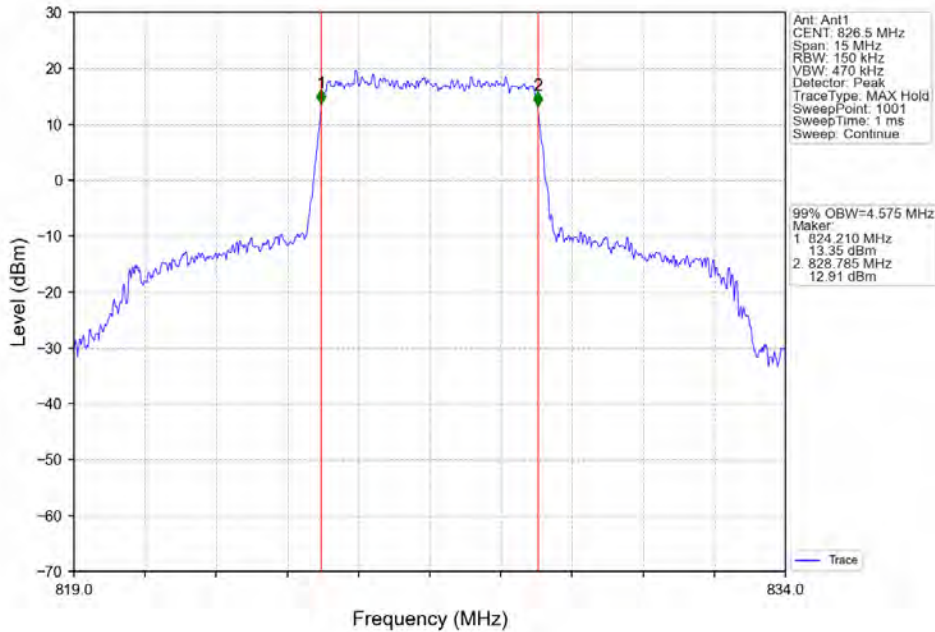


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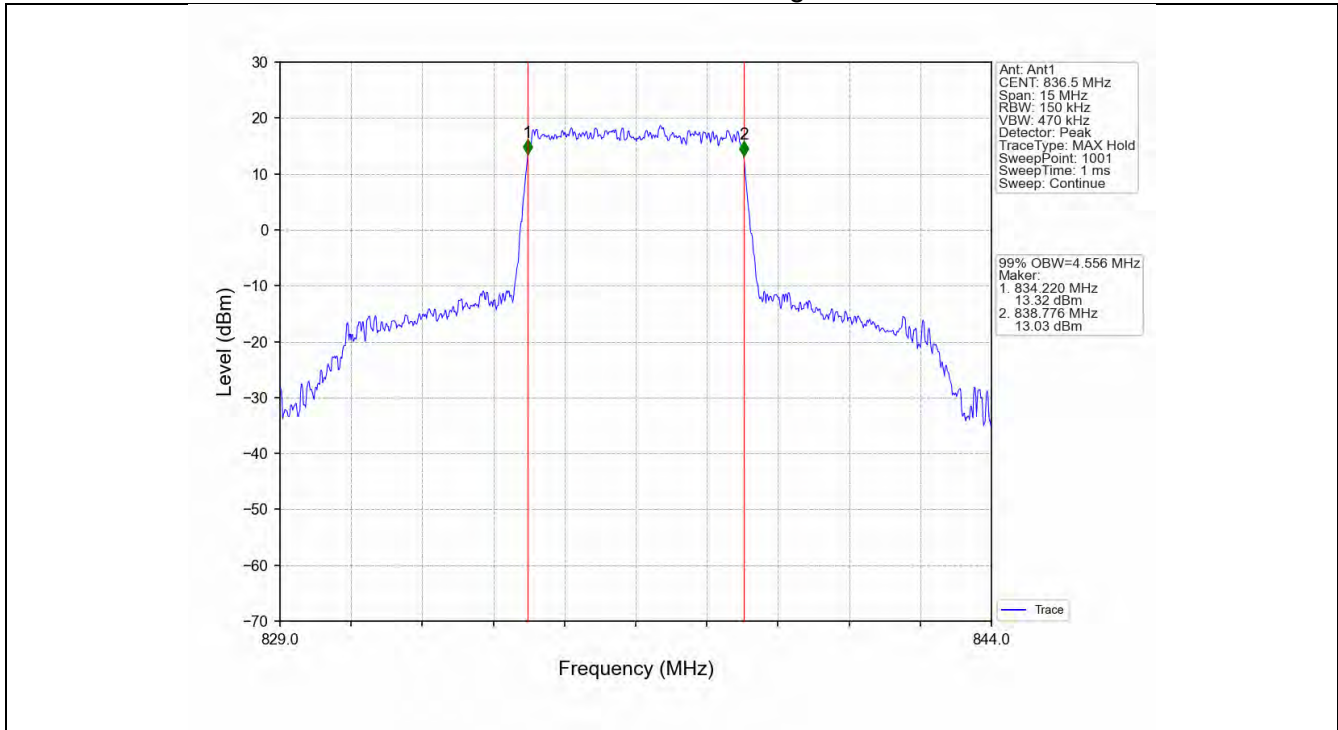
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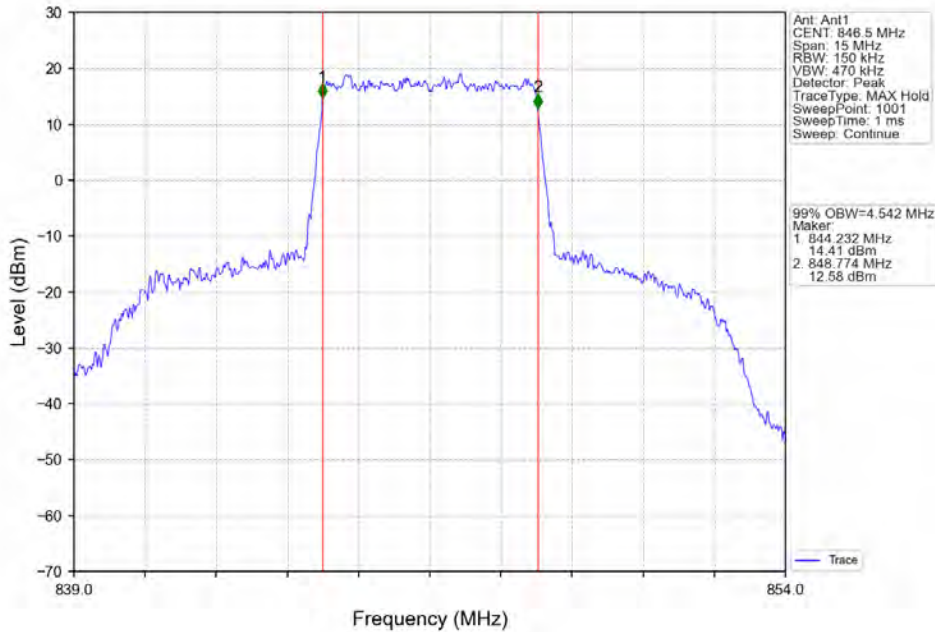
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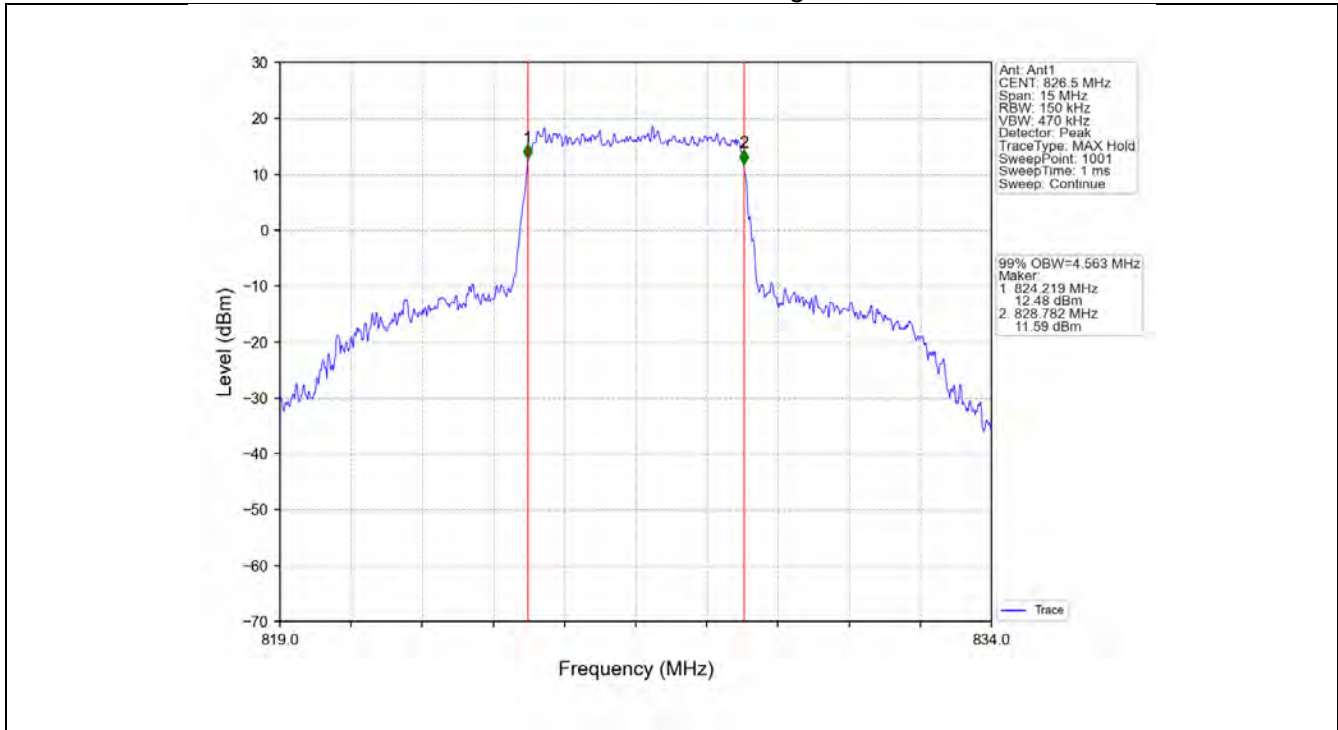
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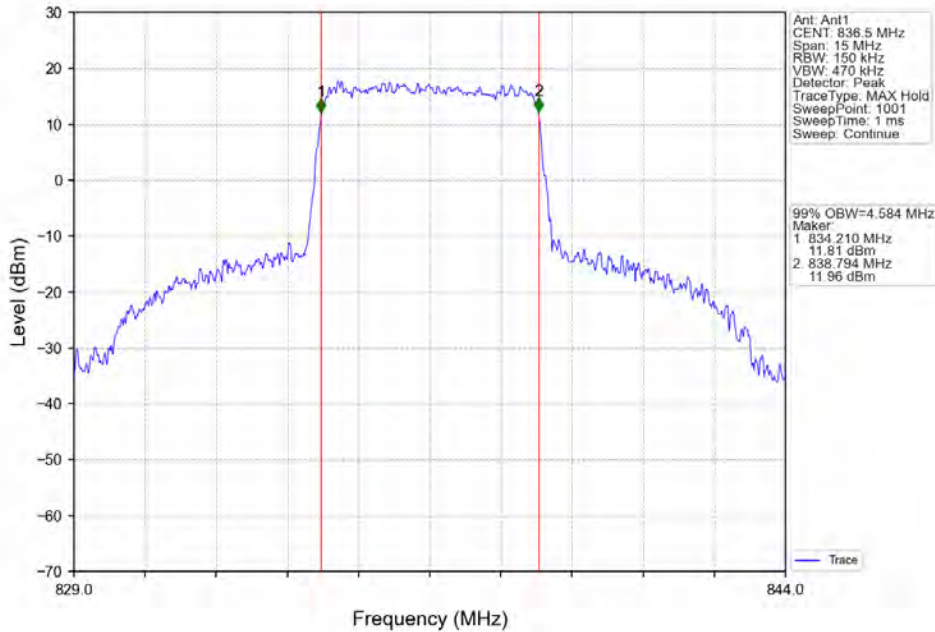


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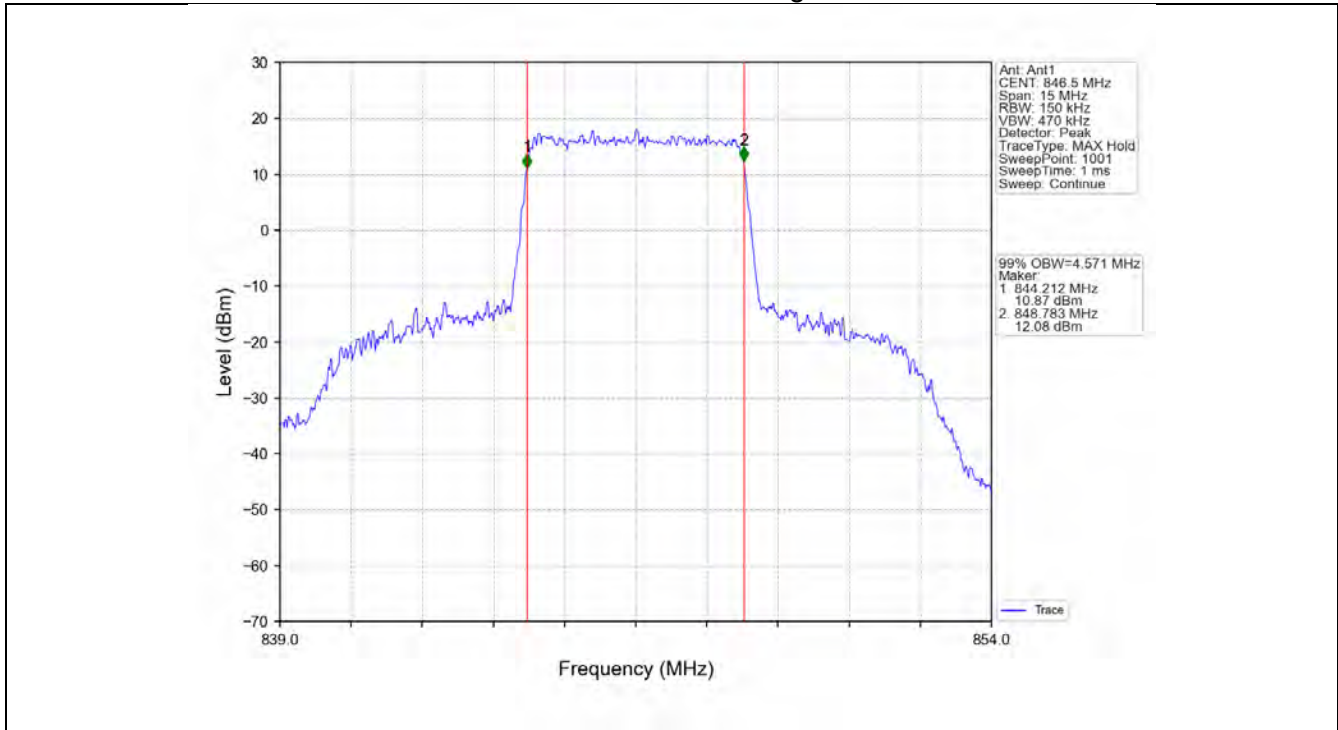
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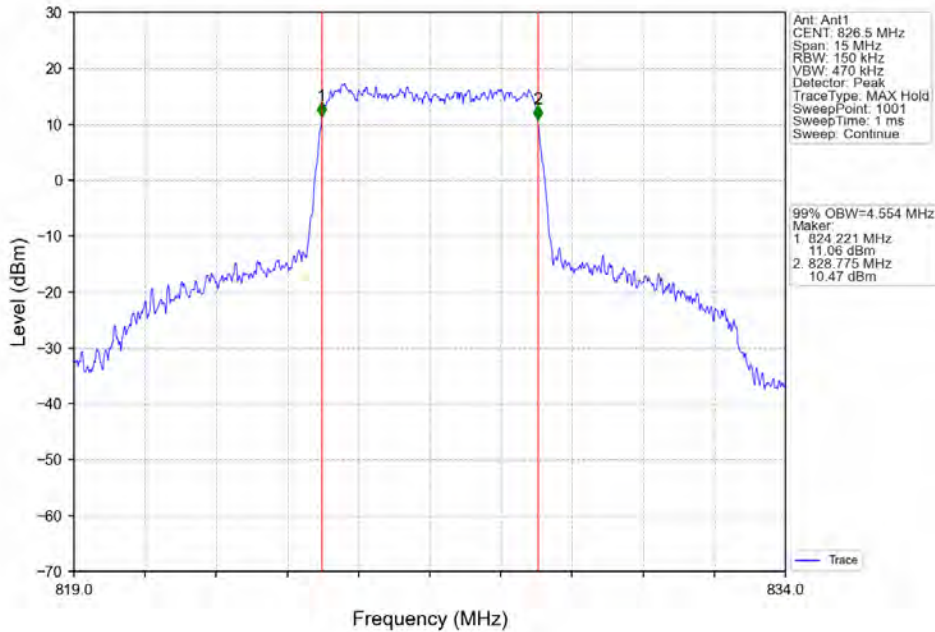


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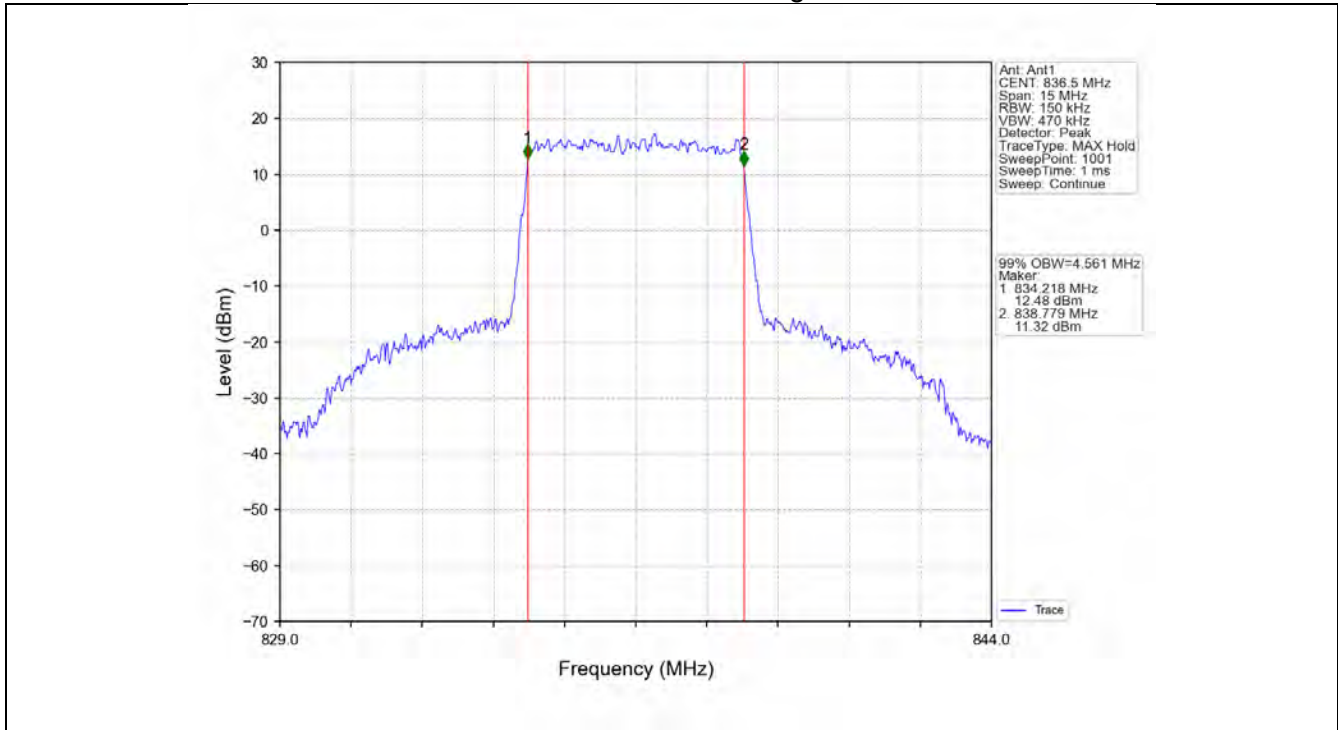


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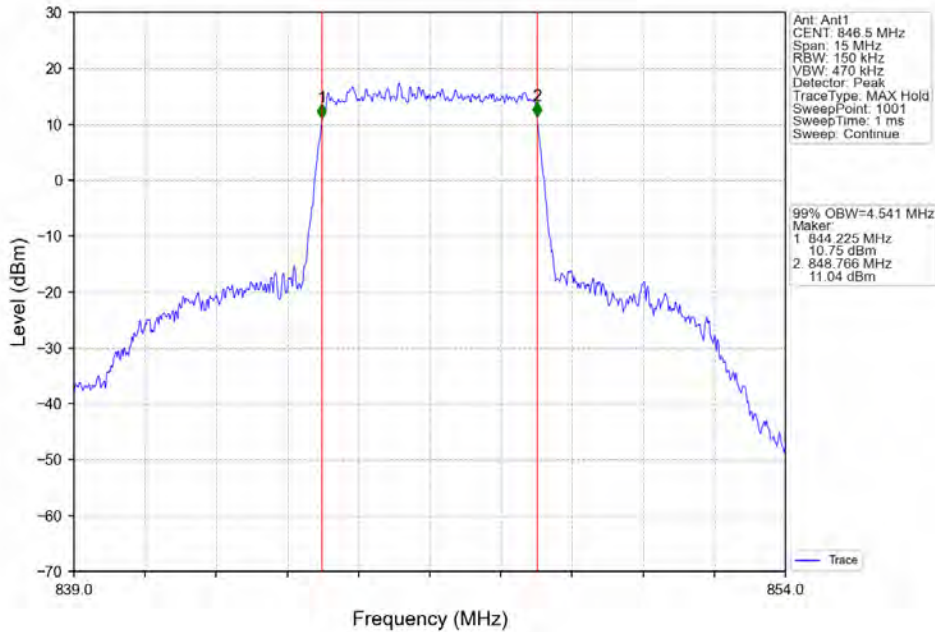


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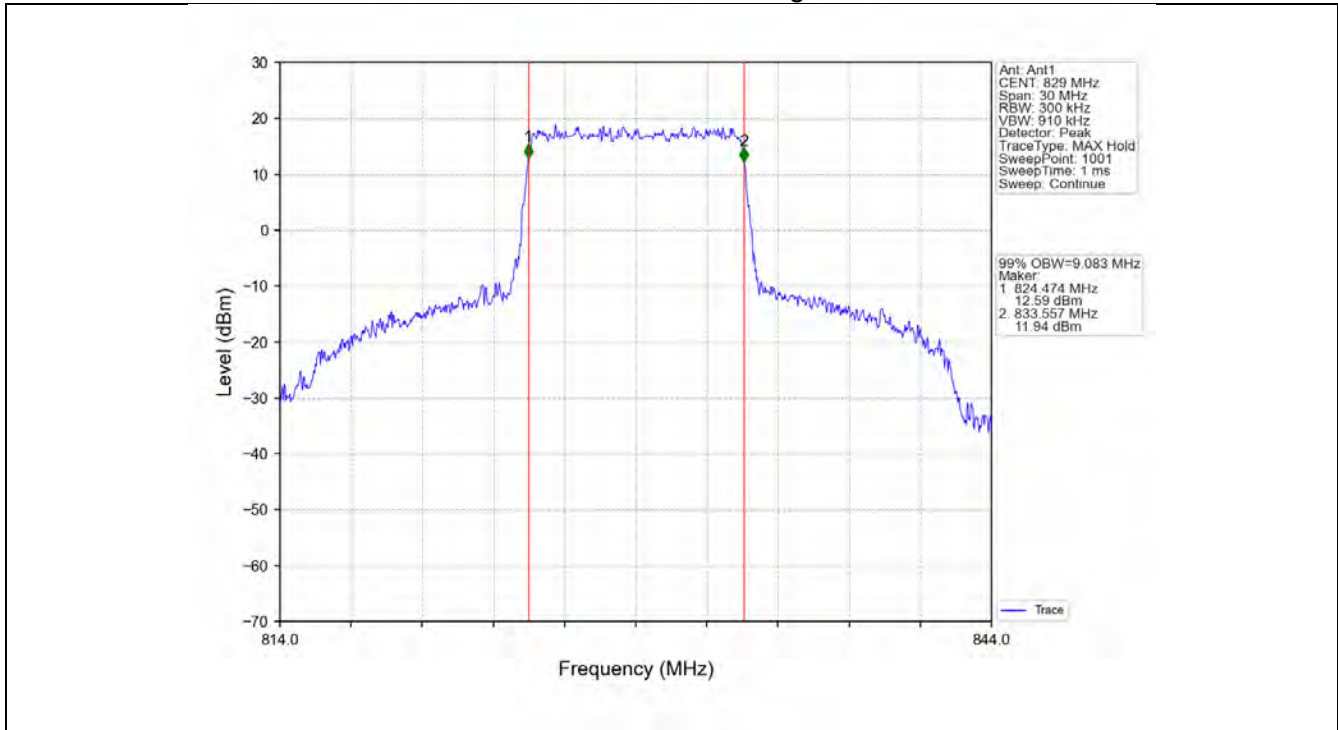


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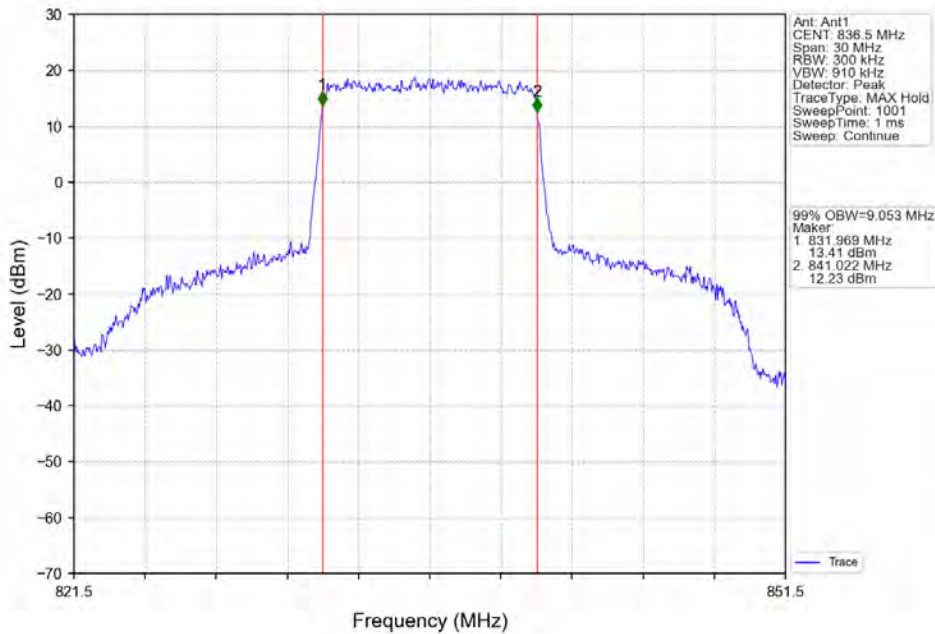


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Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



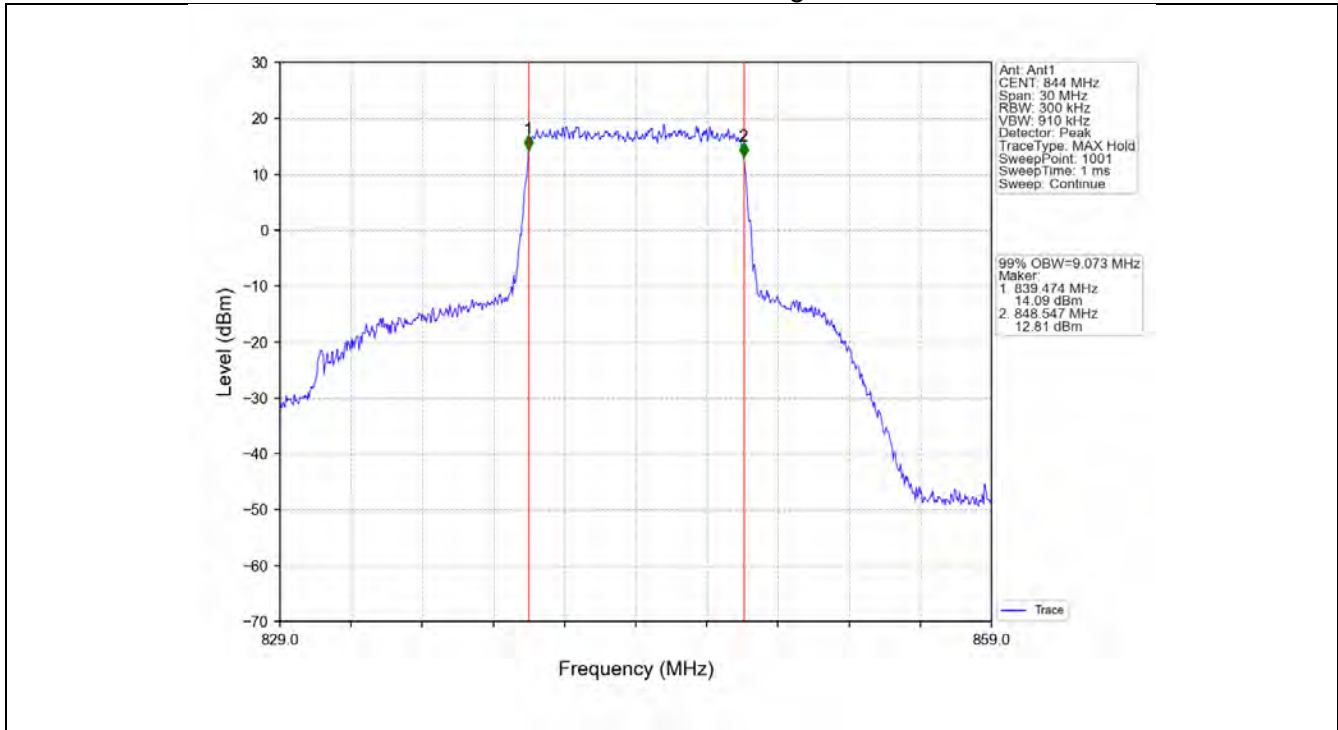
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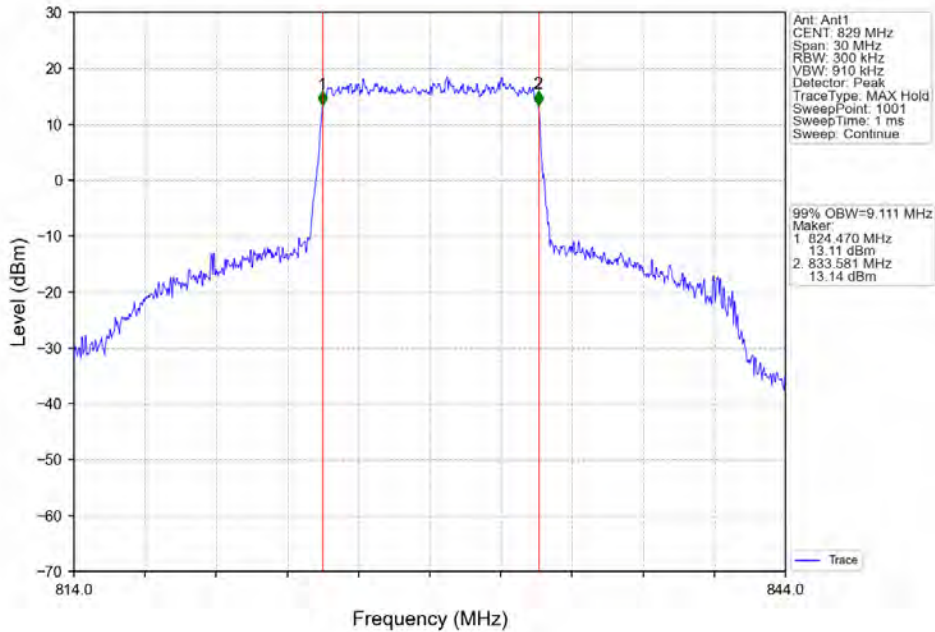


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Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



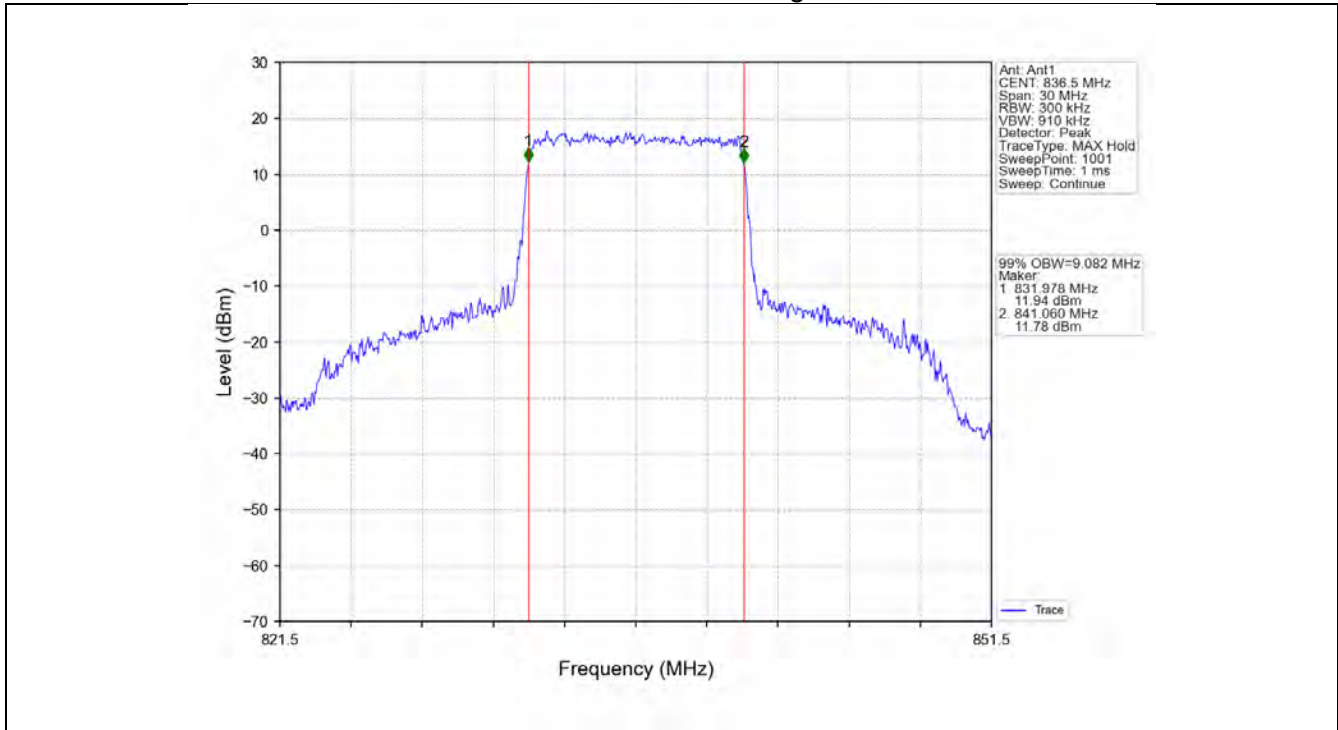
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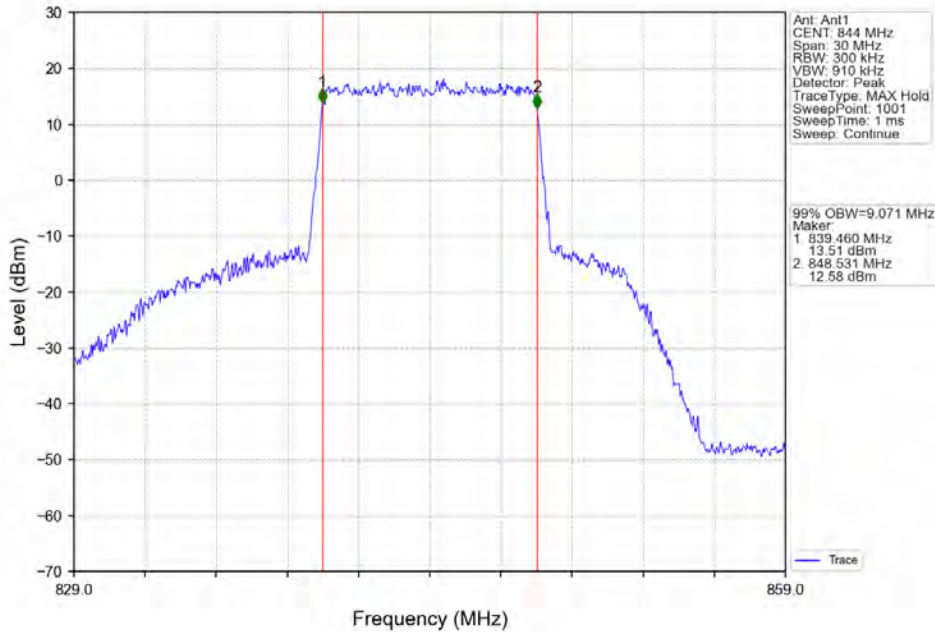


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Band5 10MHz 16QAM_HCH 844MHz RB 50_0 NTN



Band5 10MHz 64QAM_LCH 829MHz RB 50_0 NTN

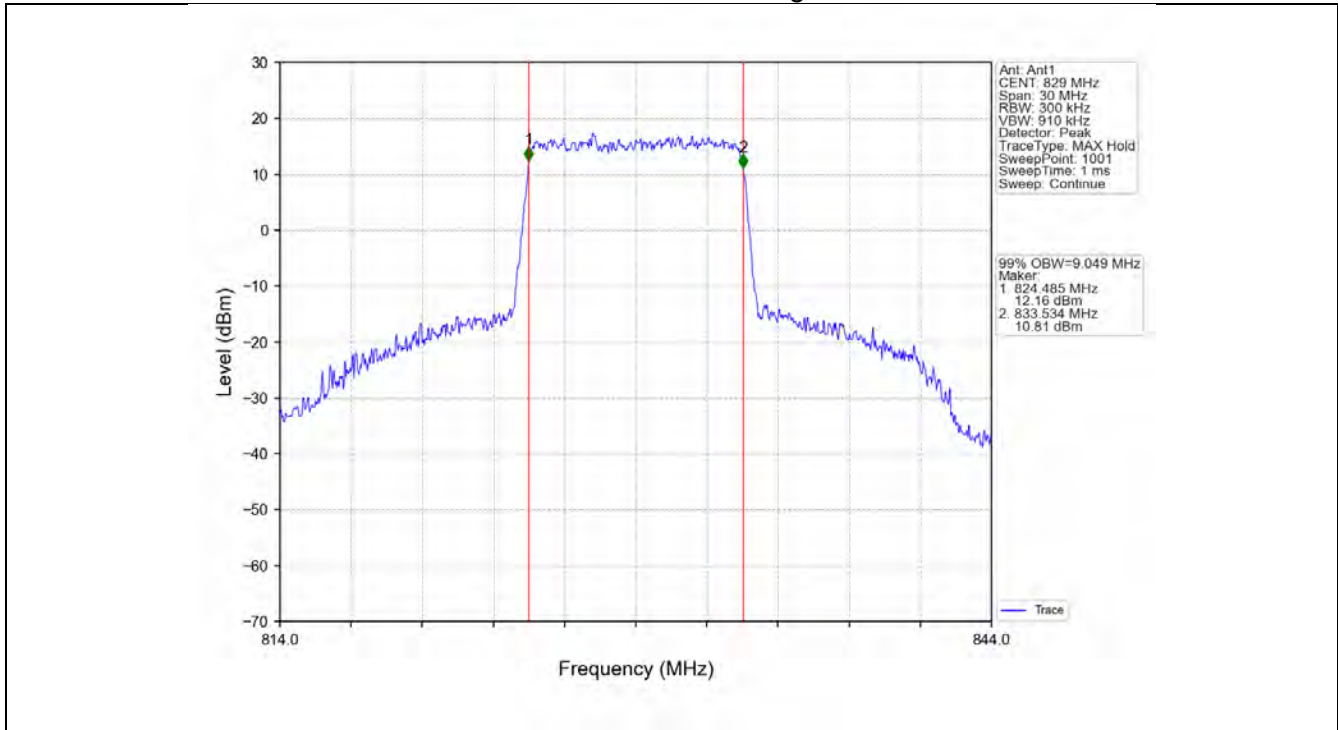


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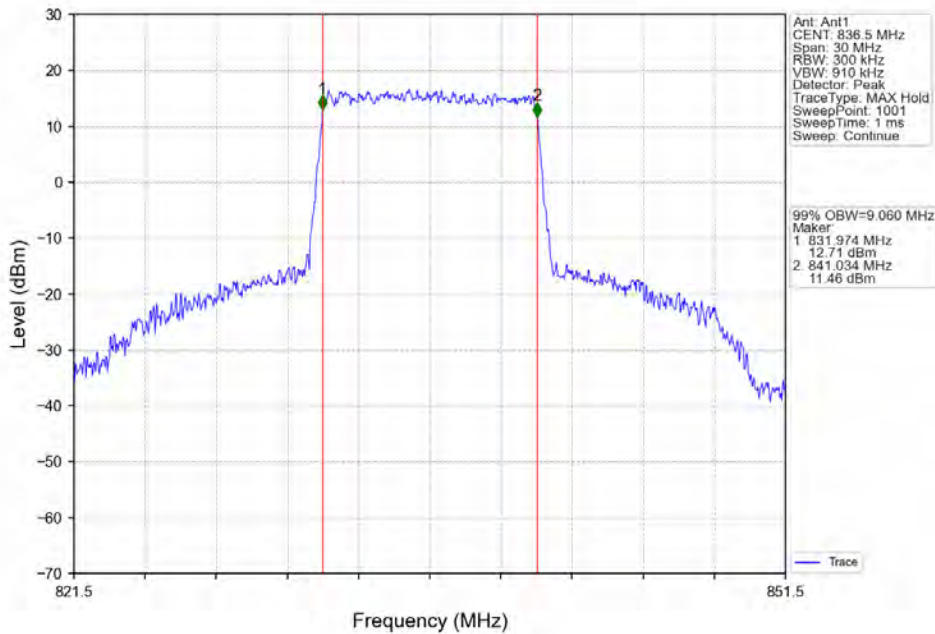
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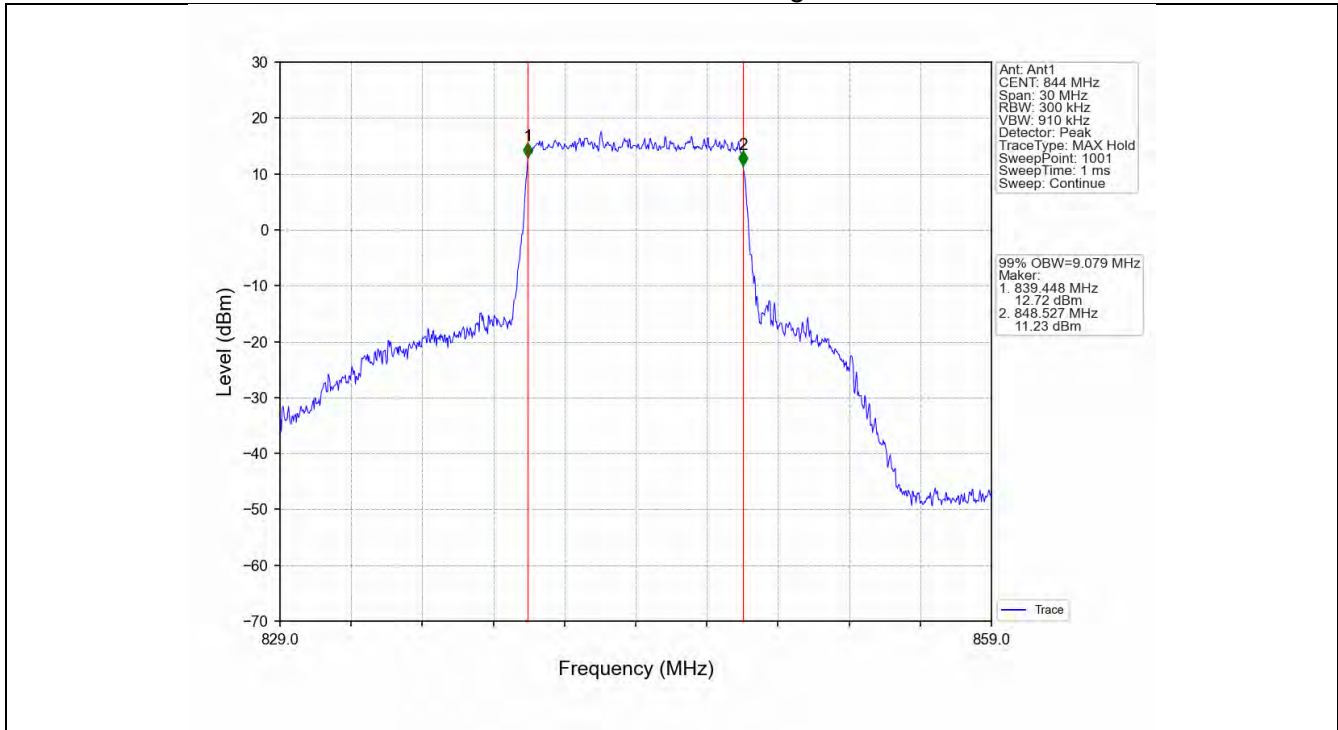
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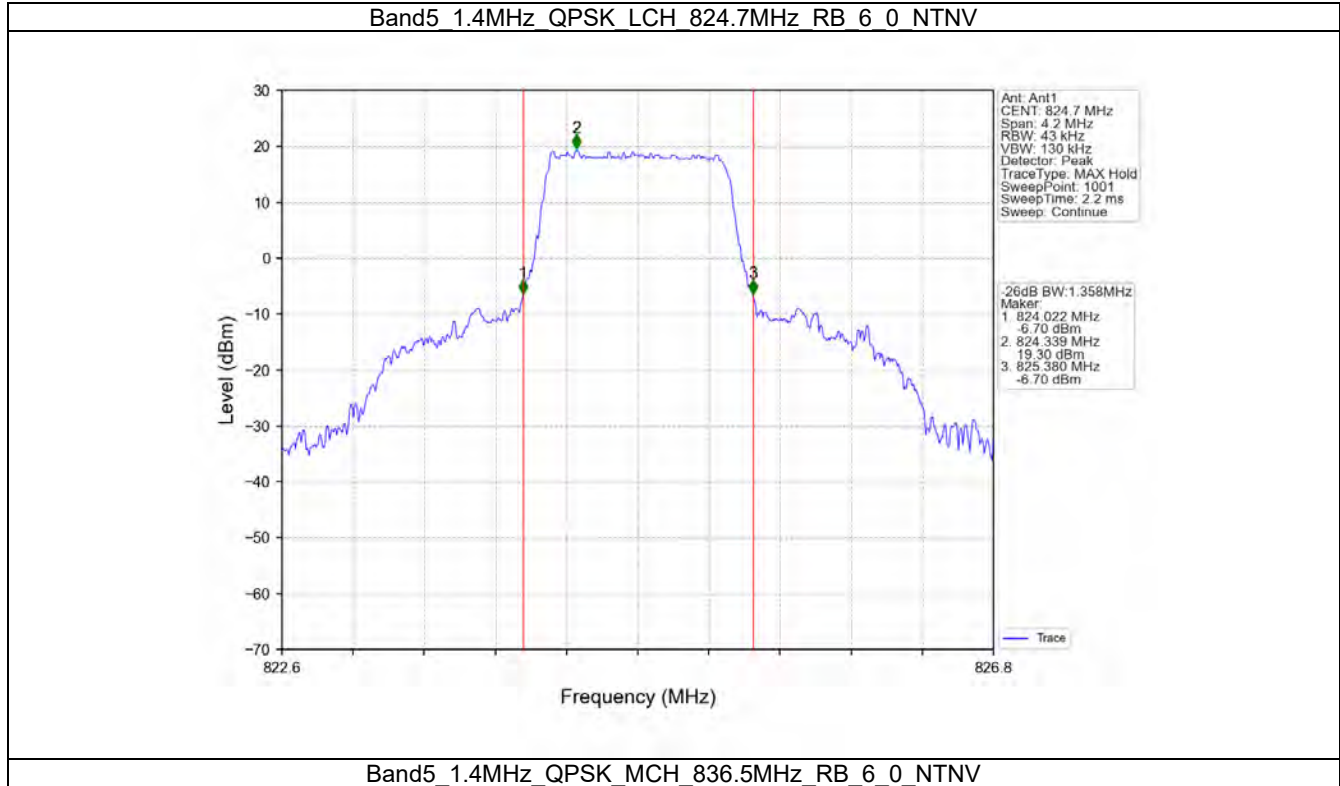
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3.2 Band5_XDB

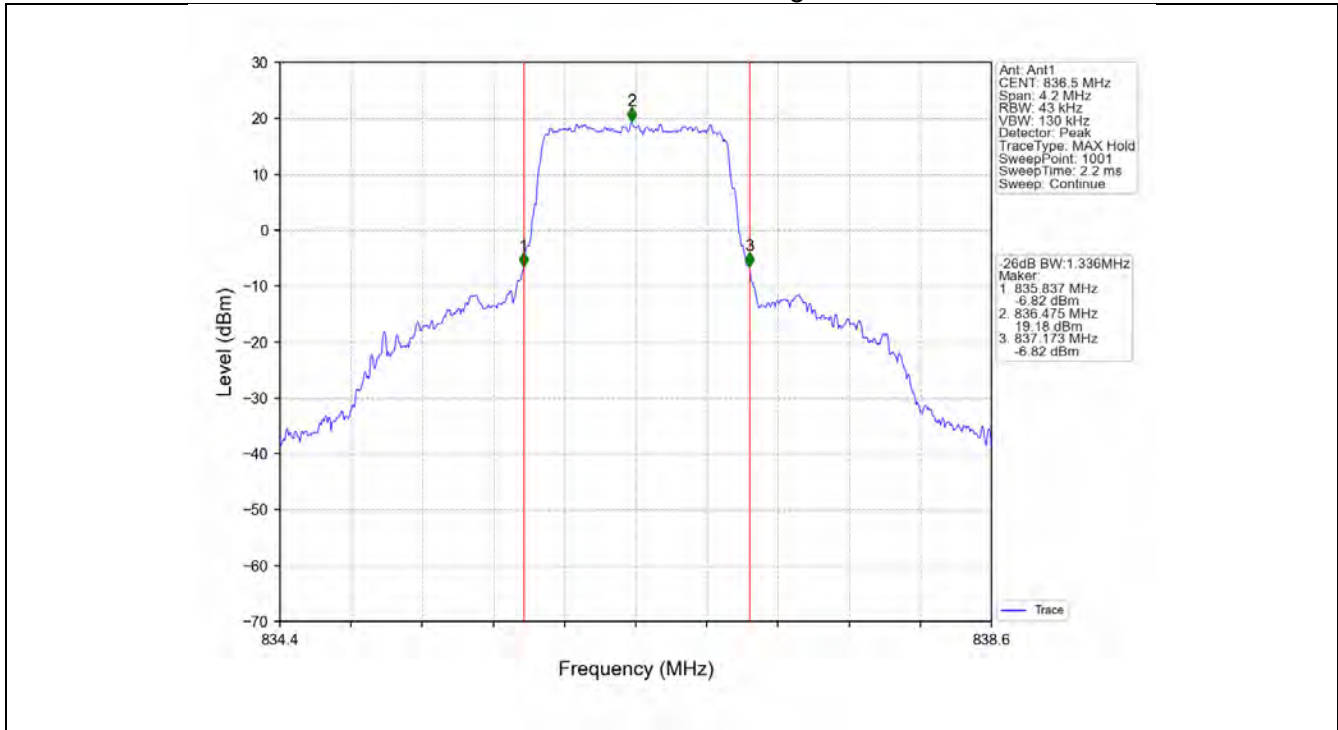
3.2.2 Test Graph



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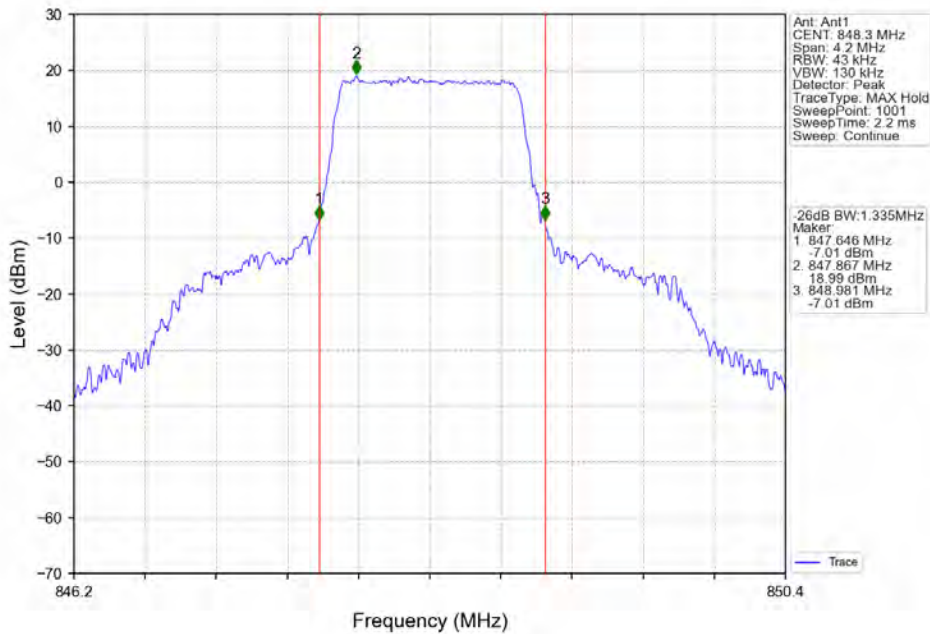


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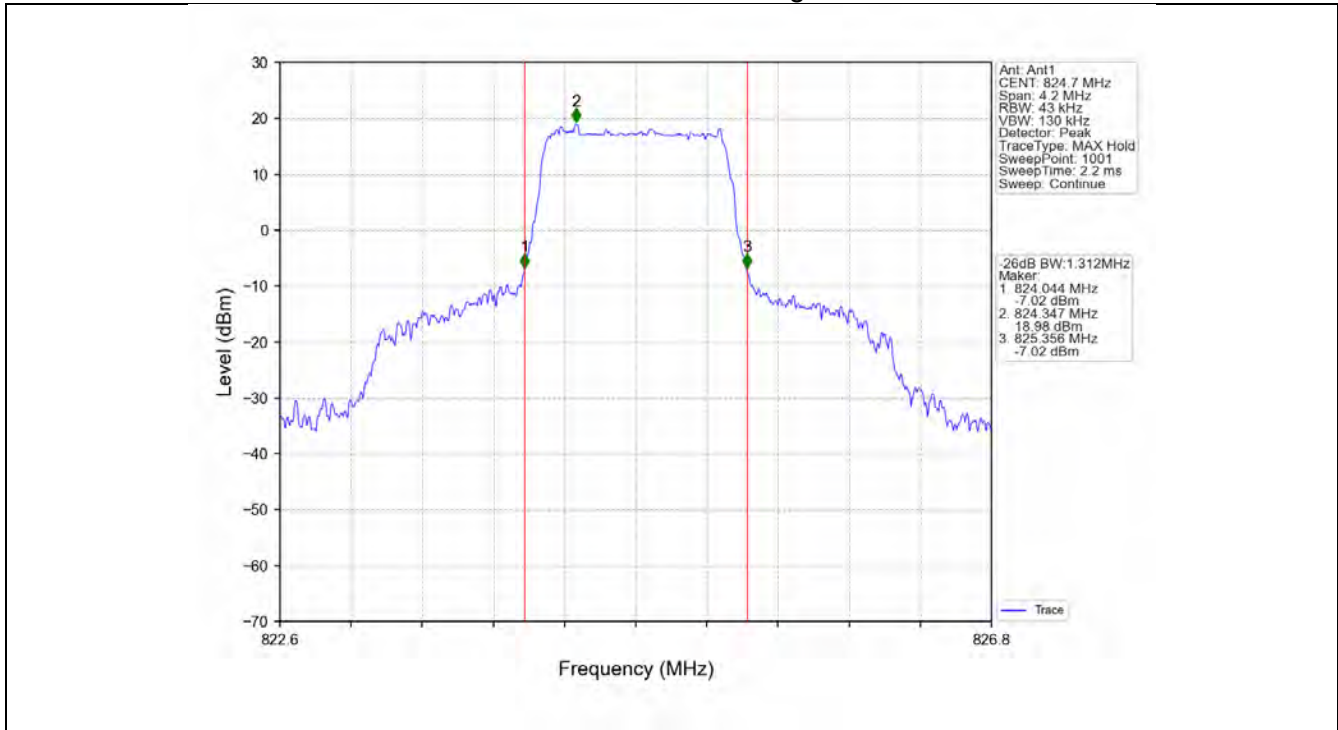
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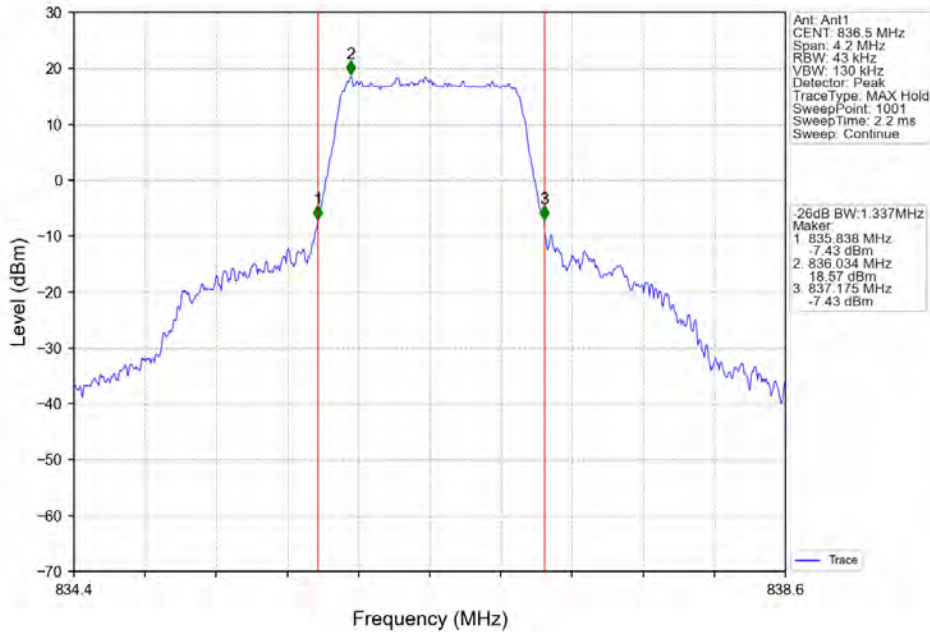
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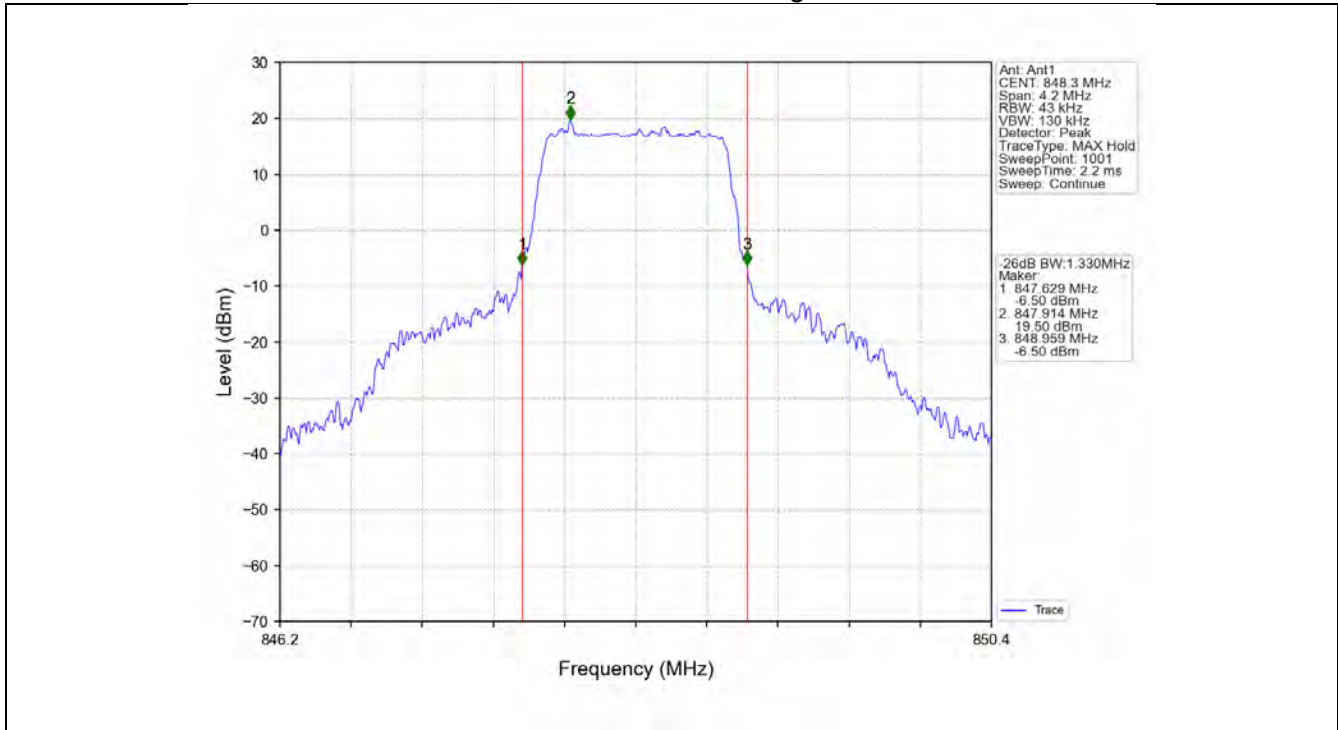
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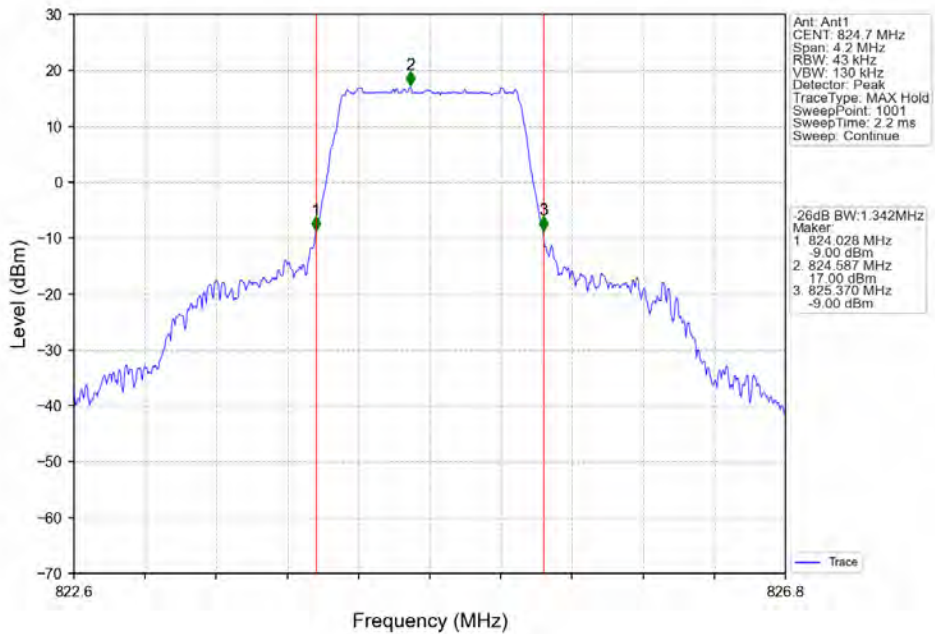


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Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



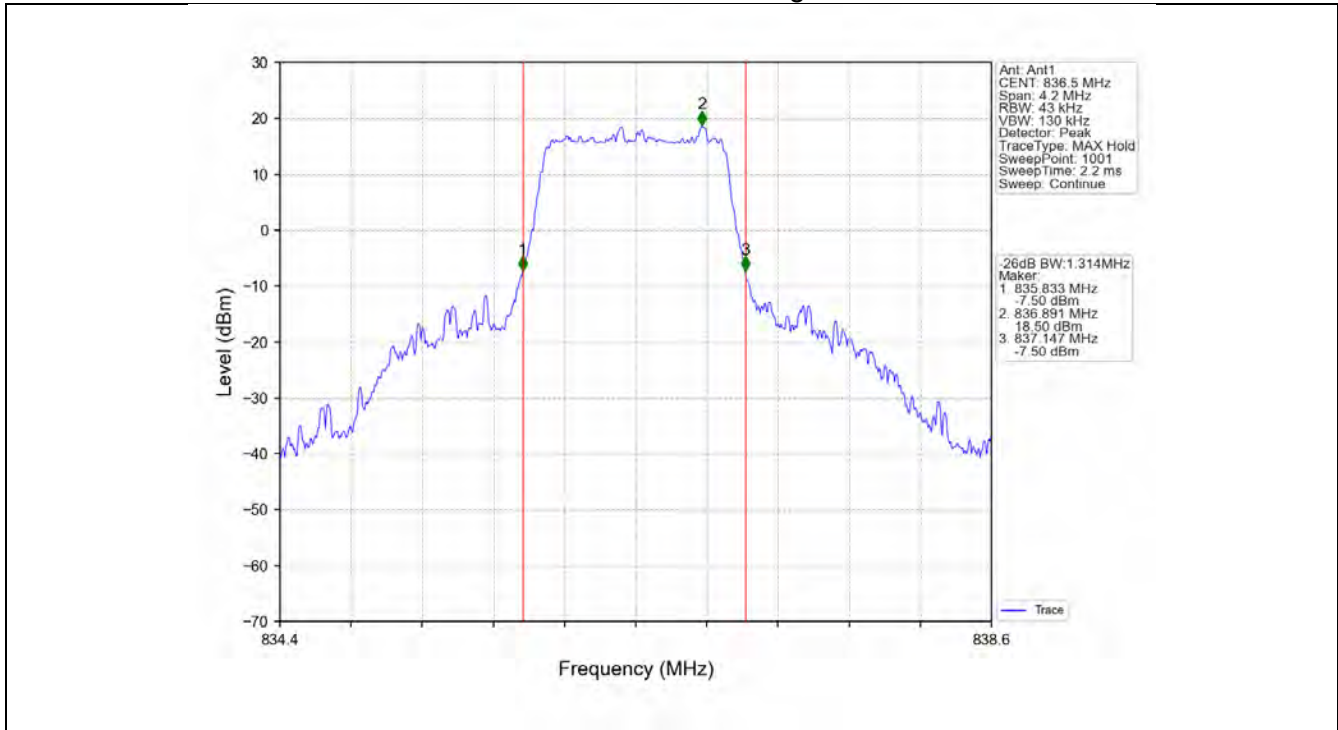
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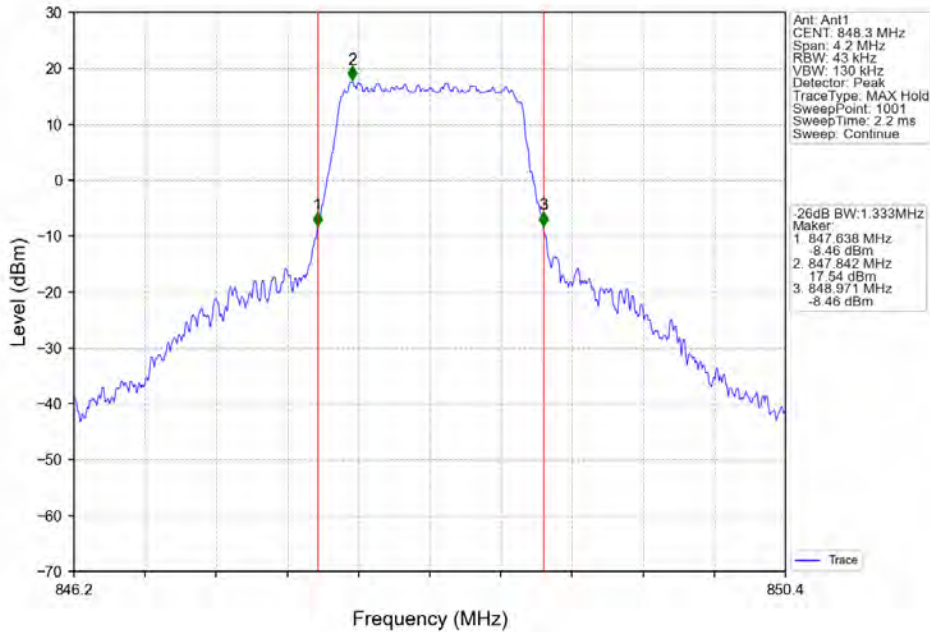


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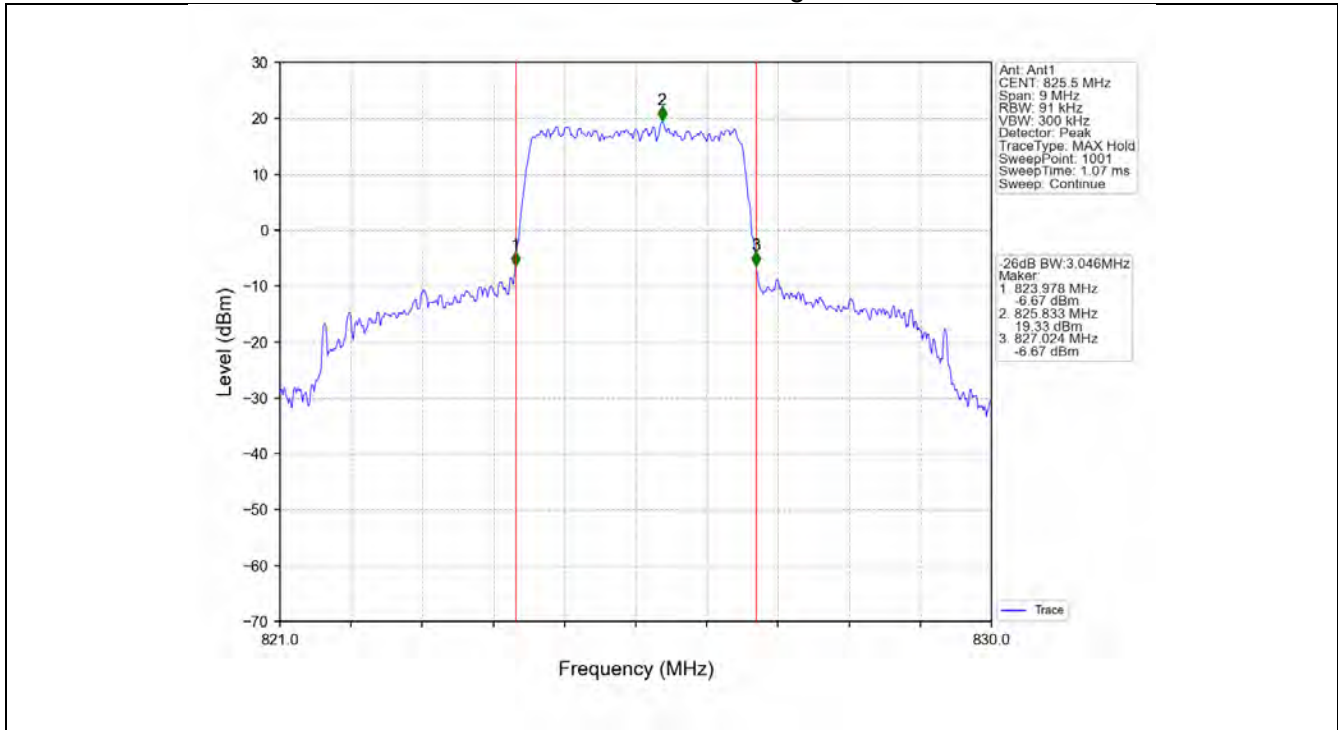
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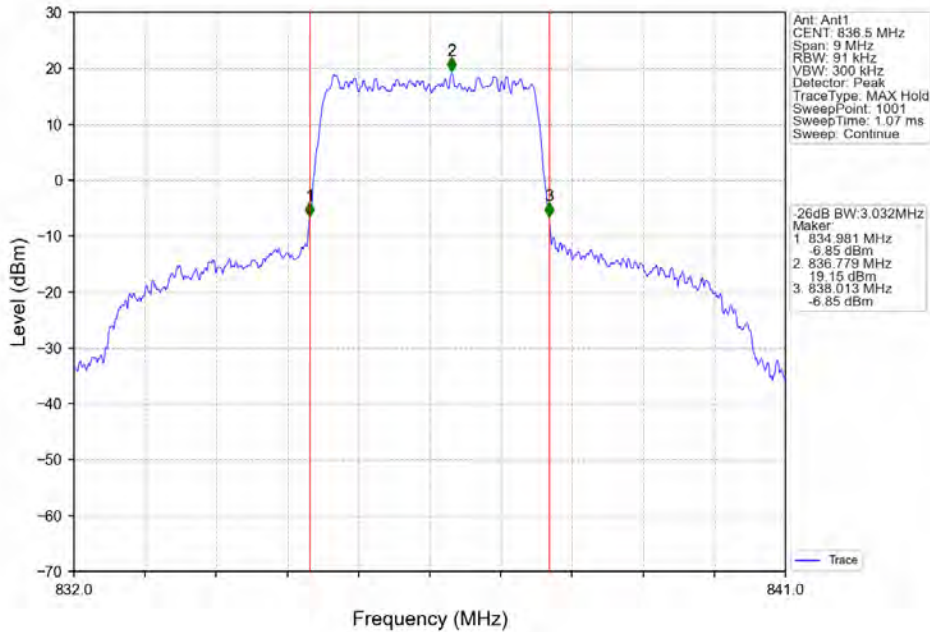


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Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



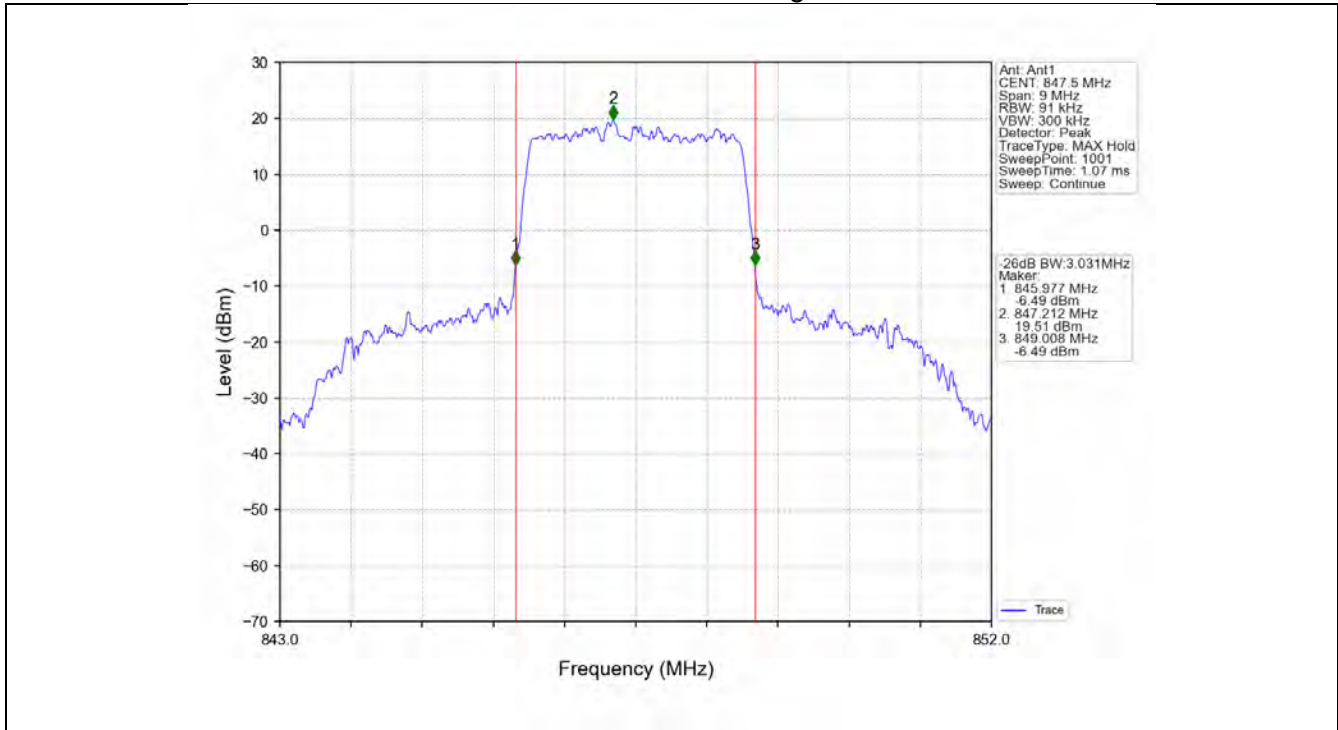
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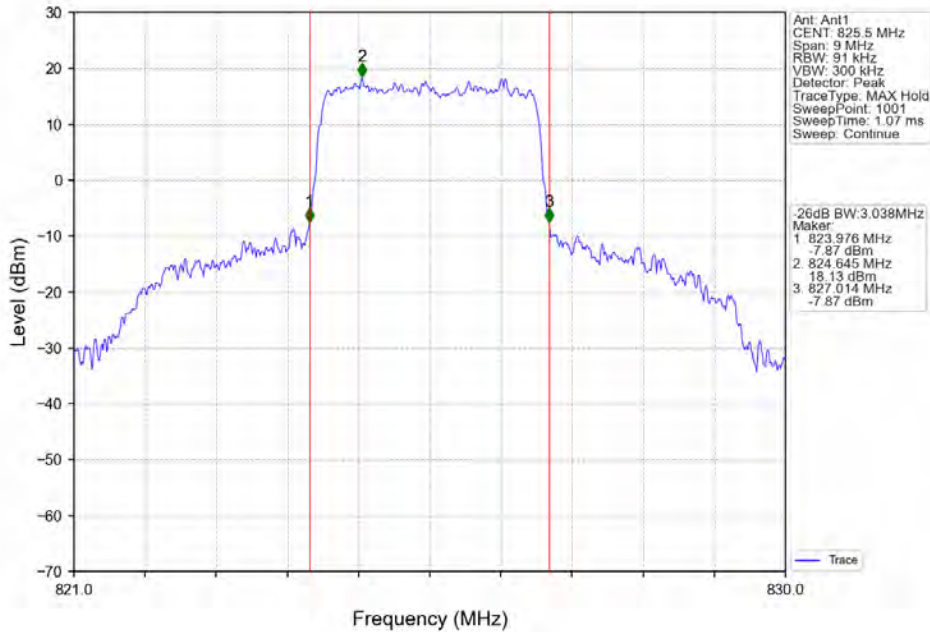


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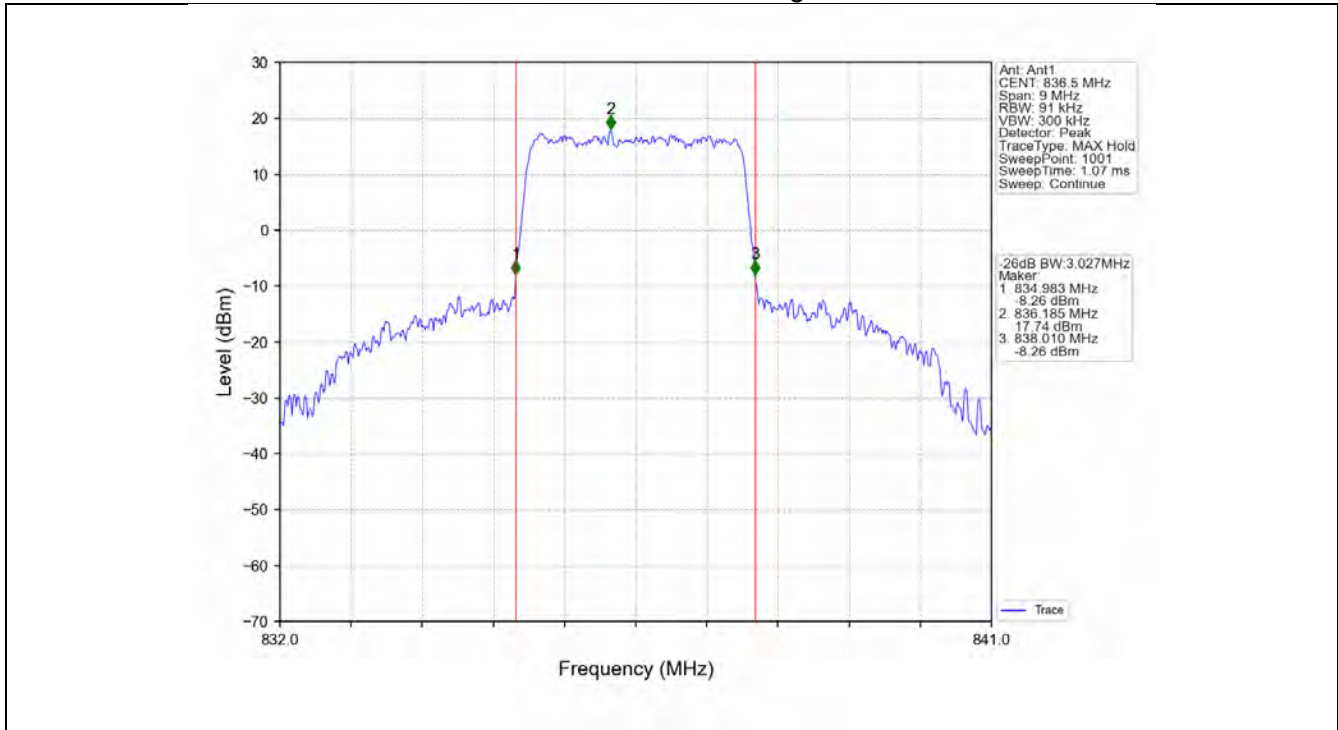
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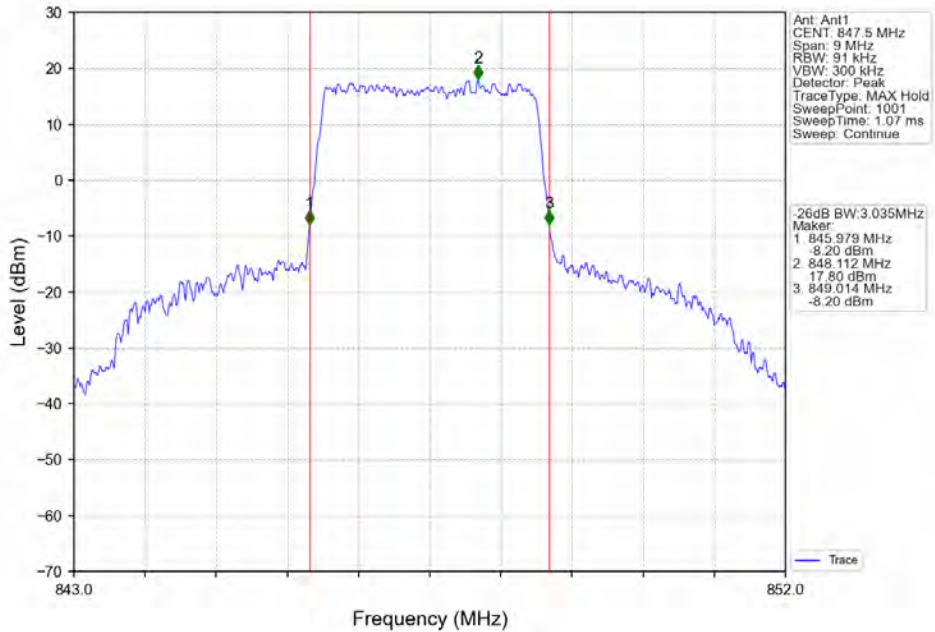


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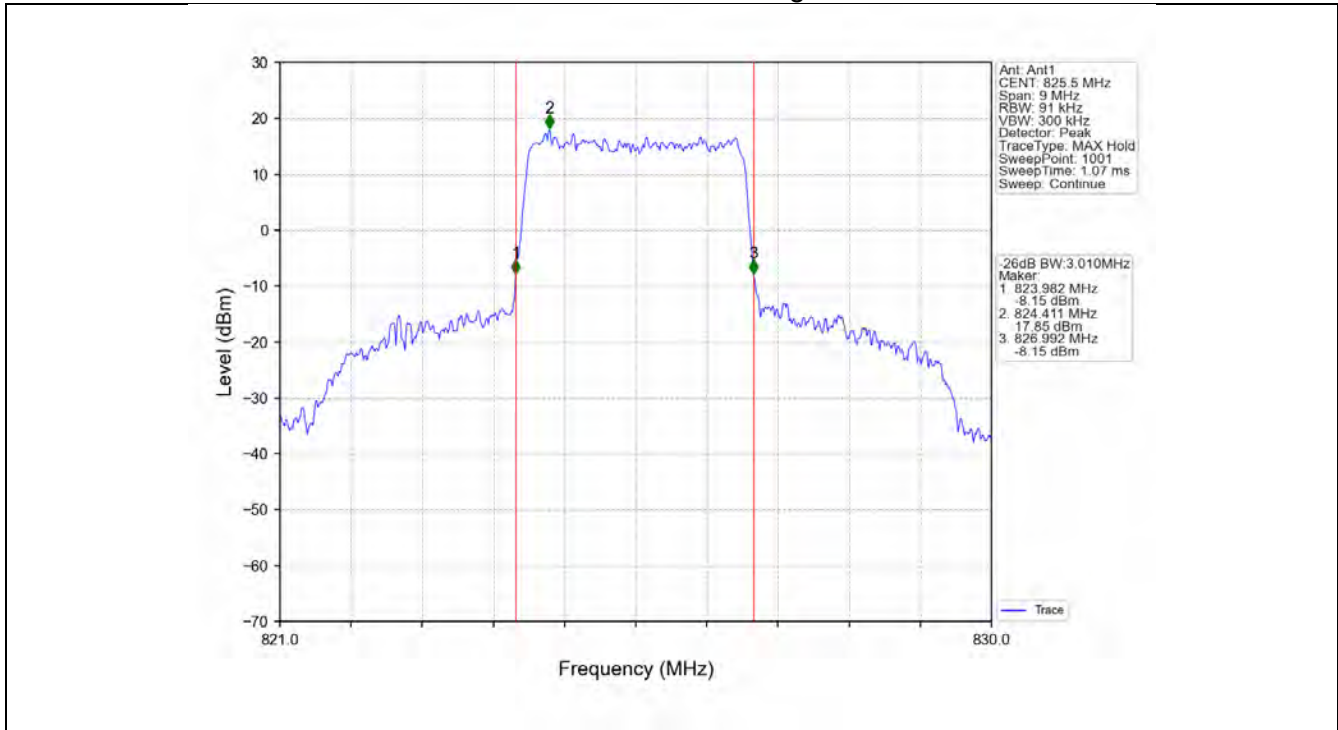
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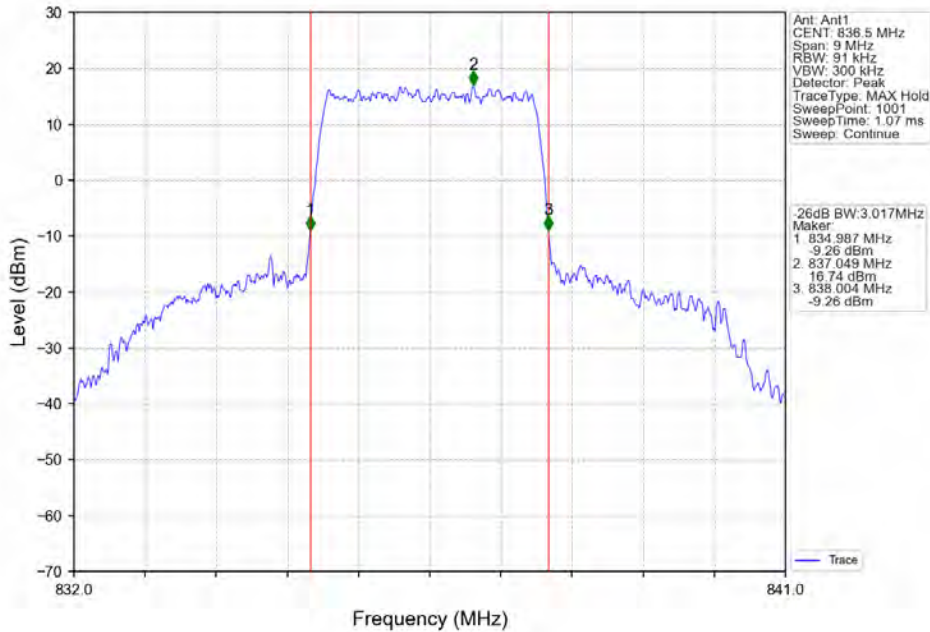


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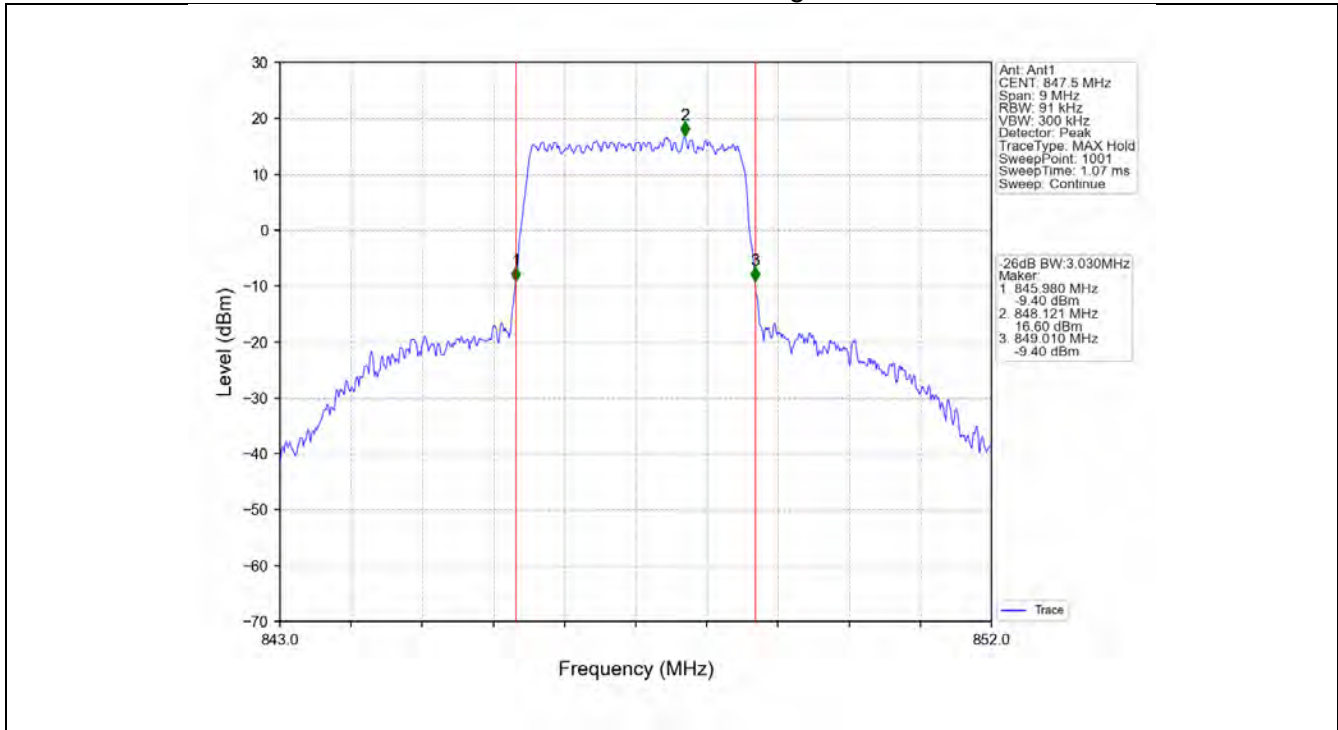
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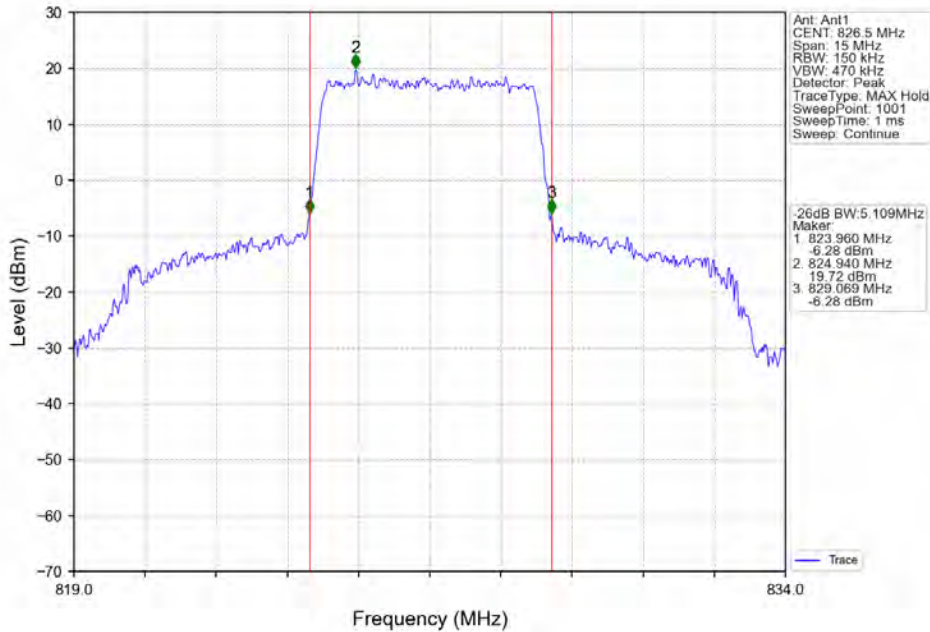


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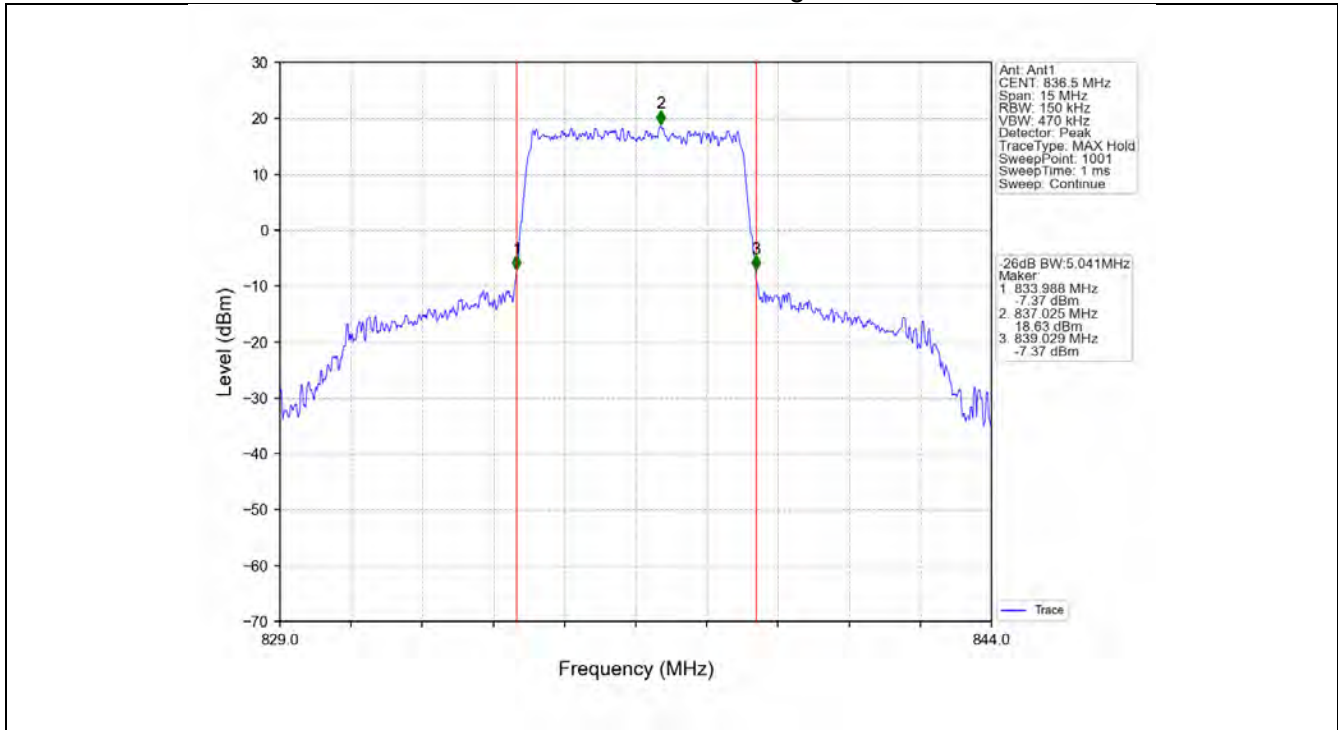
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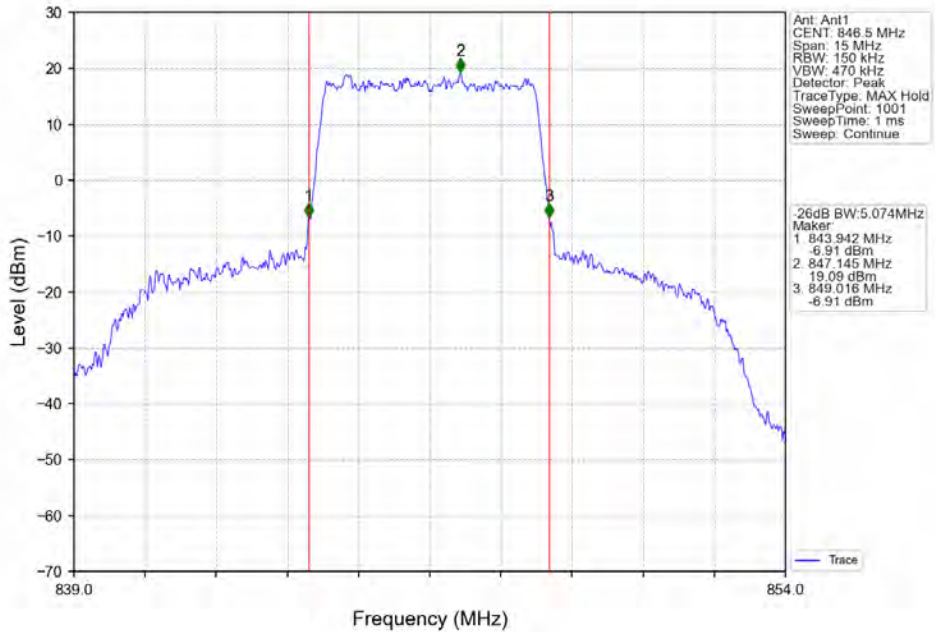


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Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



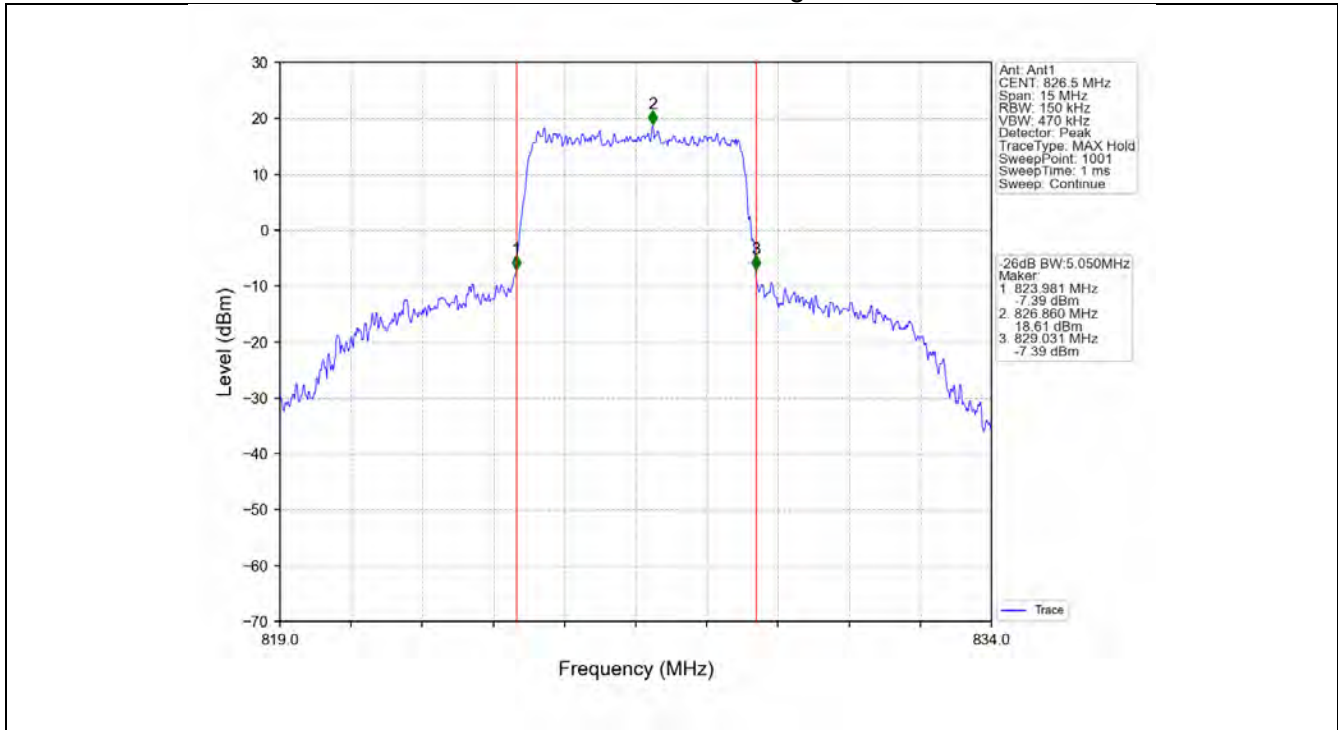
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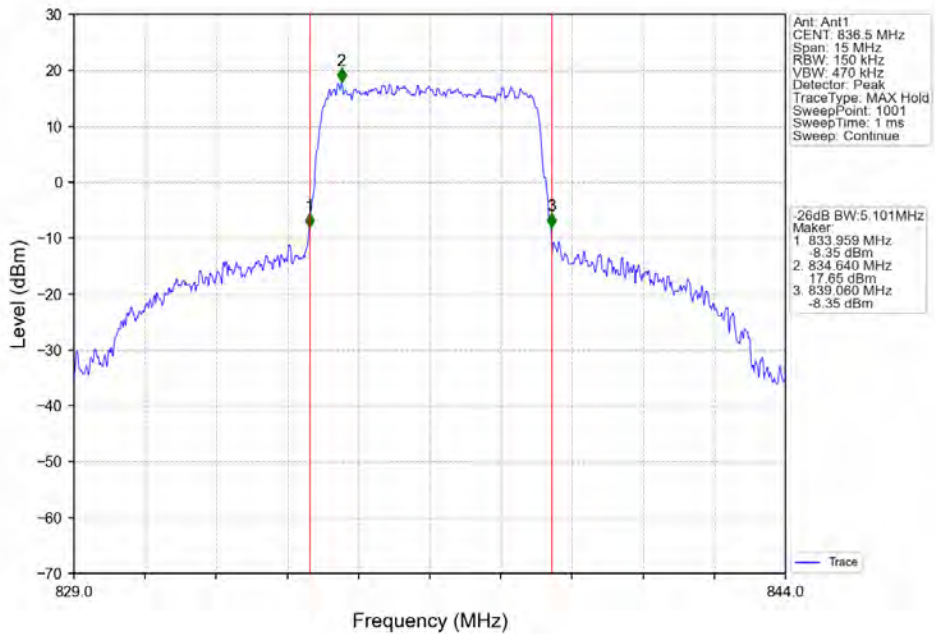


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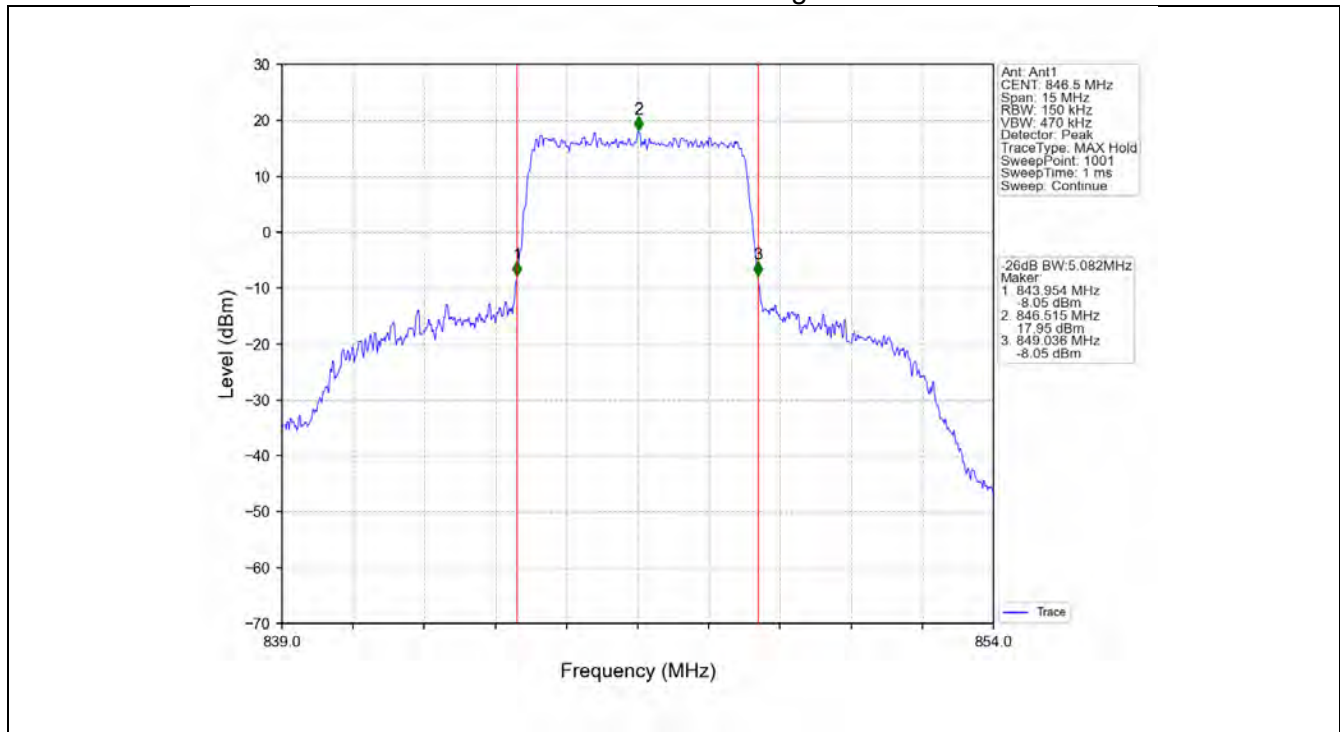
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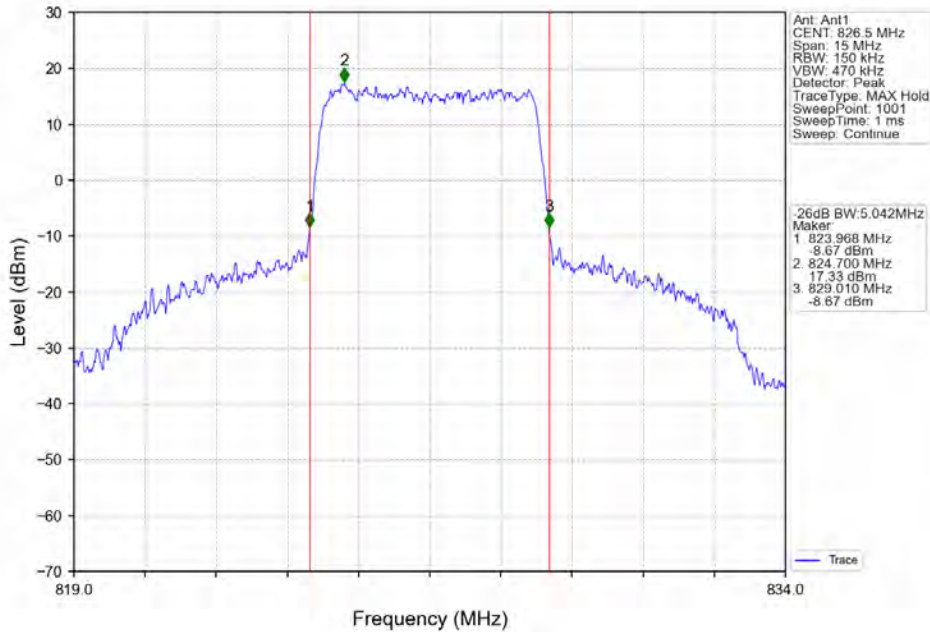


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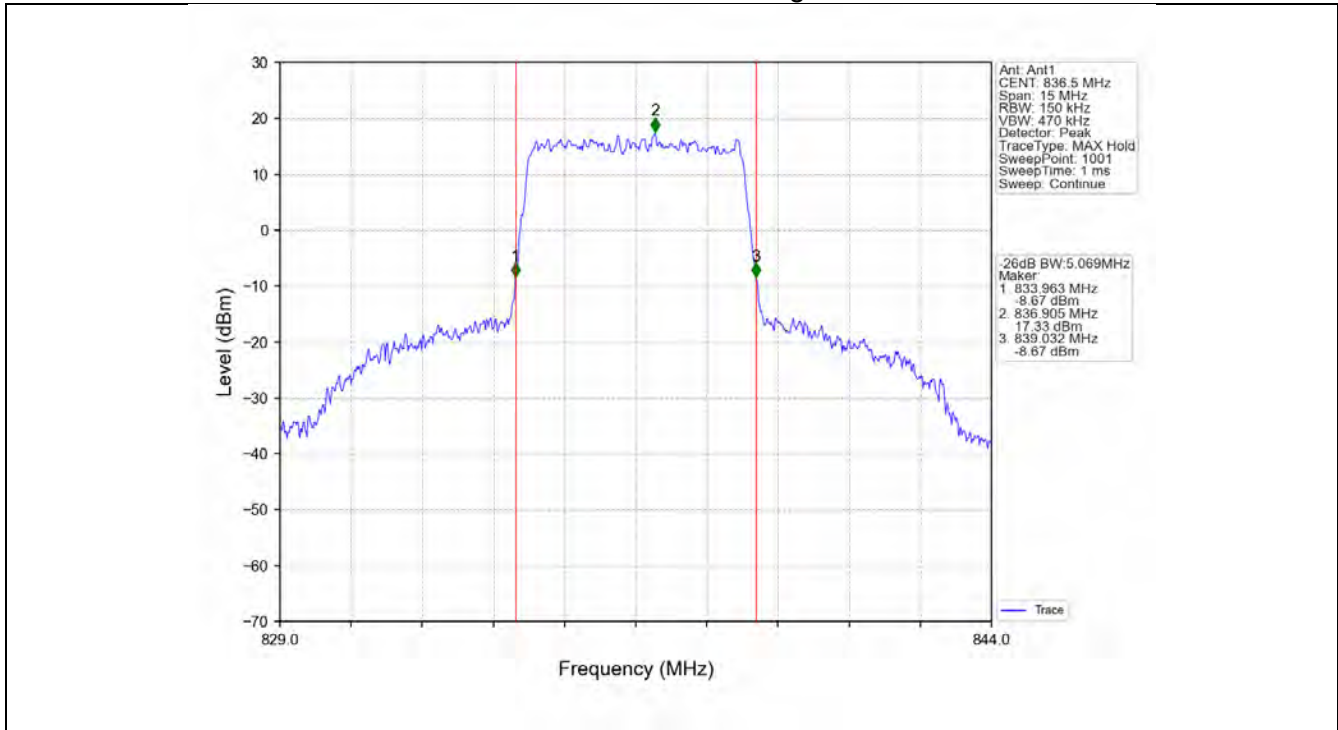
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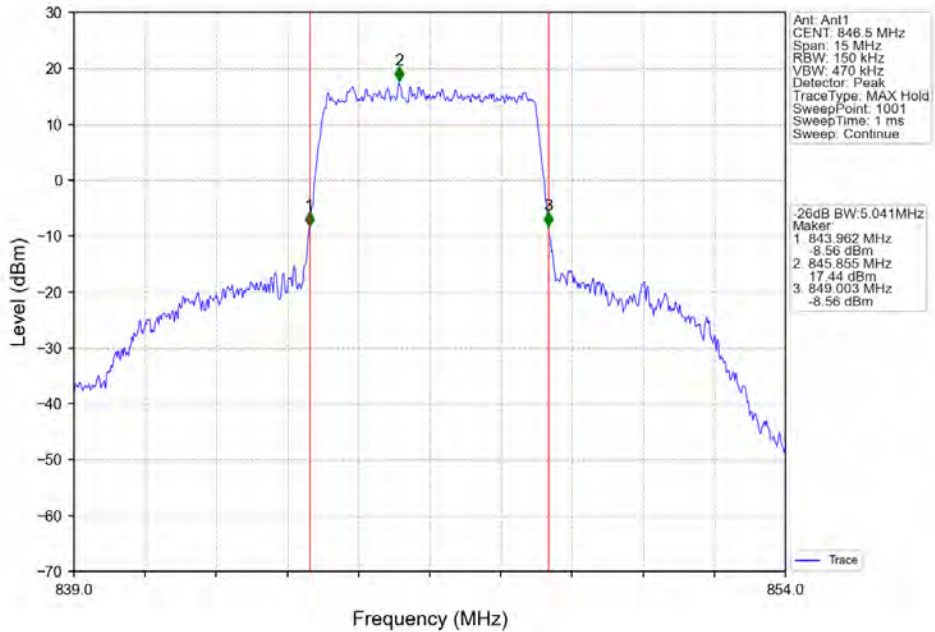


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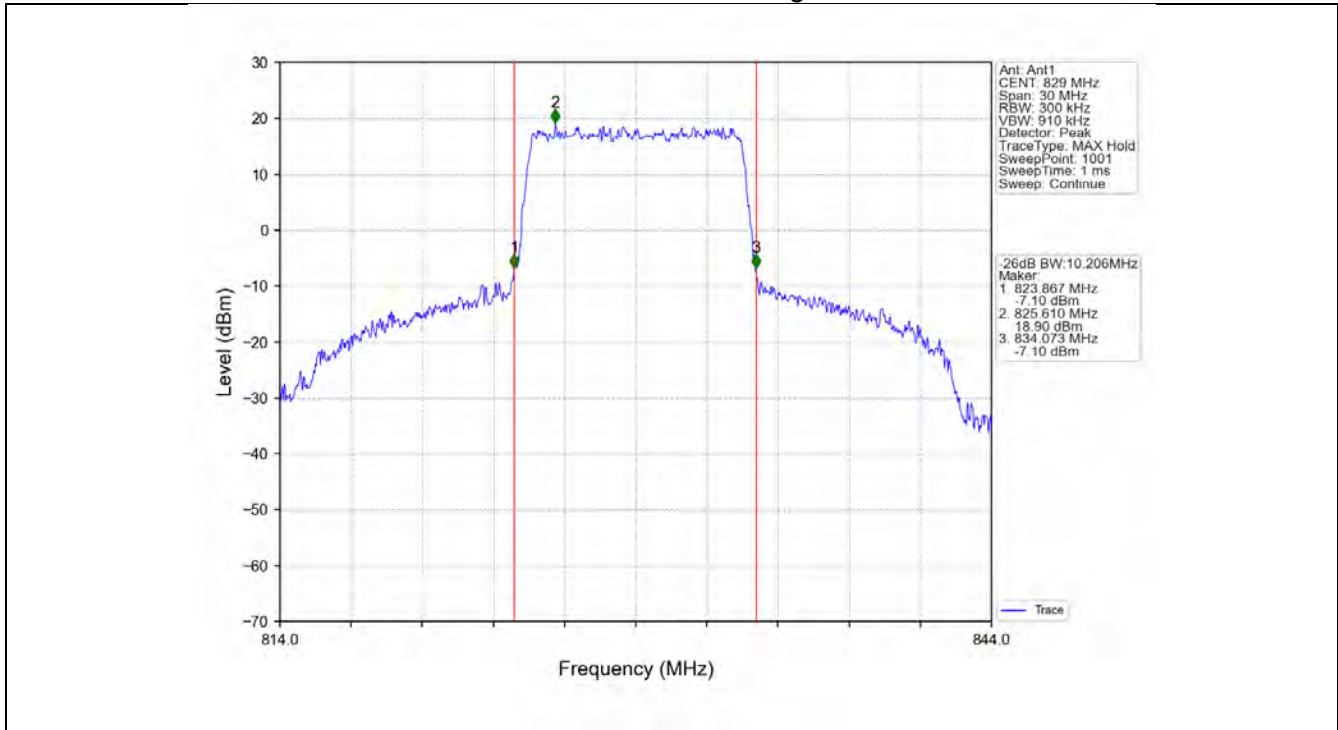
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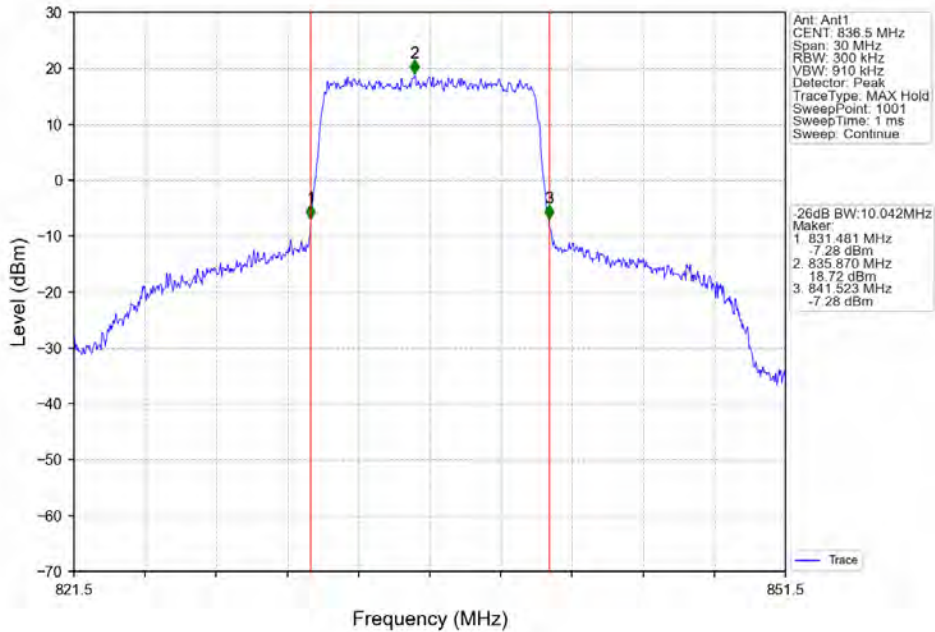


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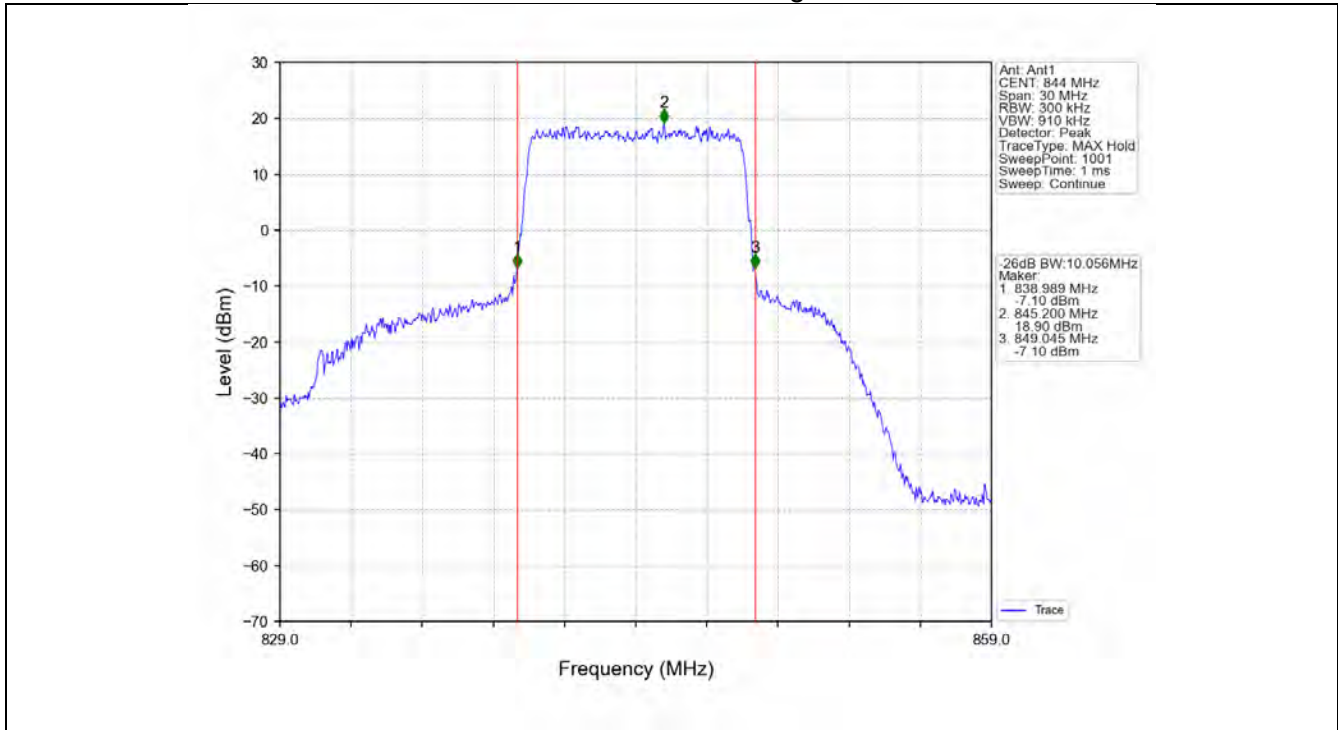
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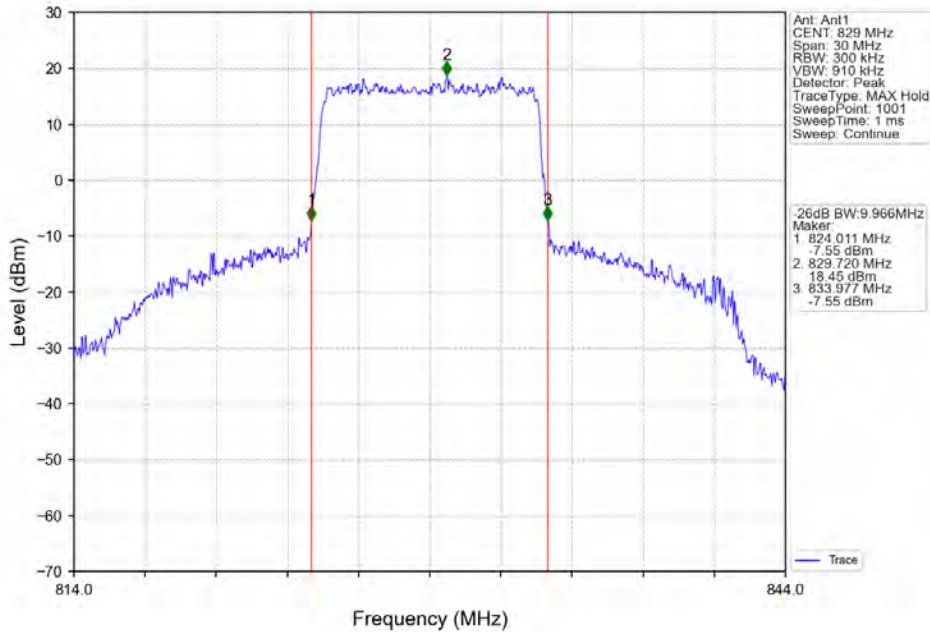


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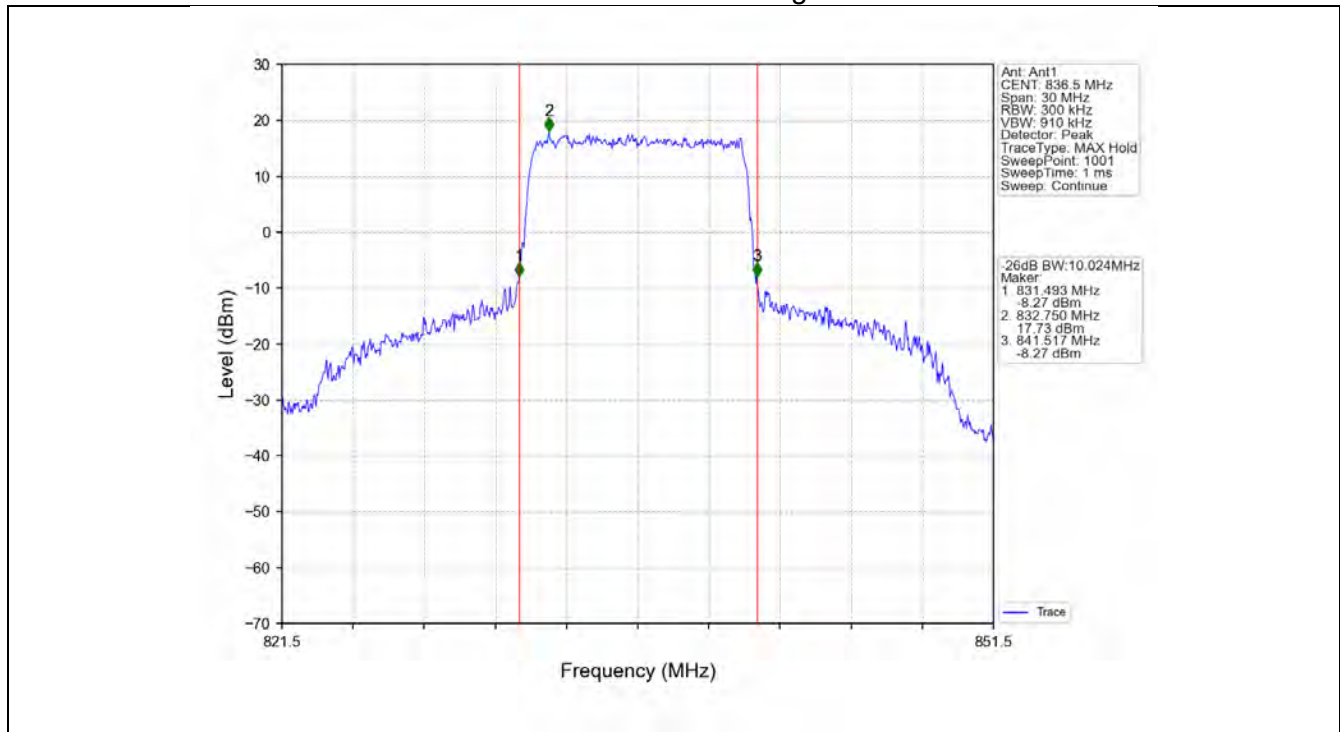
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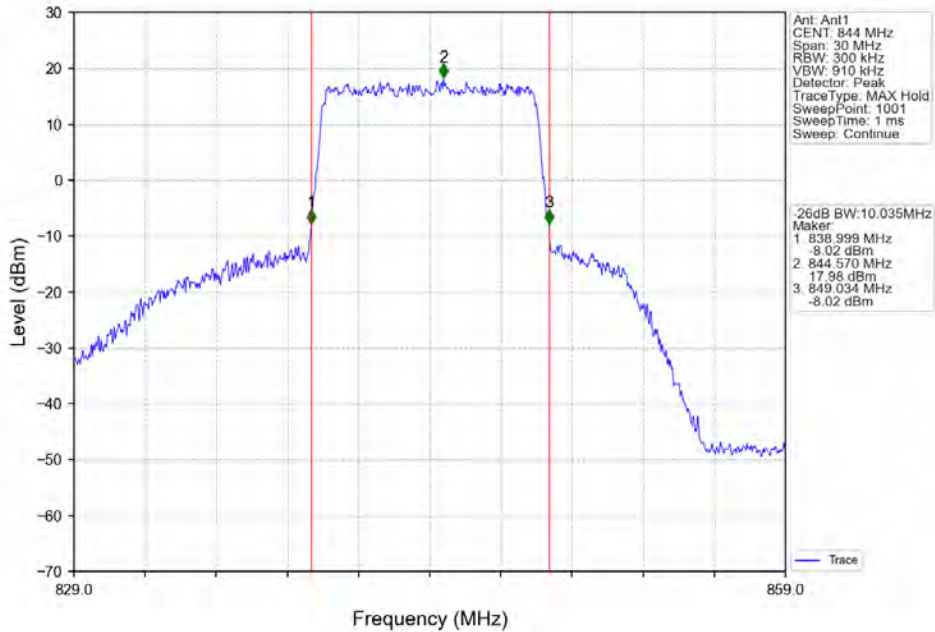


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Band5 10MHz 16QAM HCH 844MHz RB 50_0 NTN



Band5 10MHz 64QAM LCH 829MHz RB 50_0 NTN



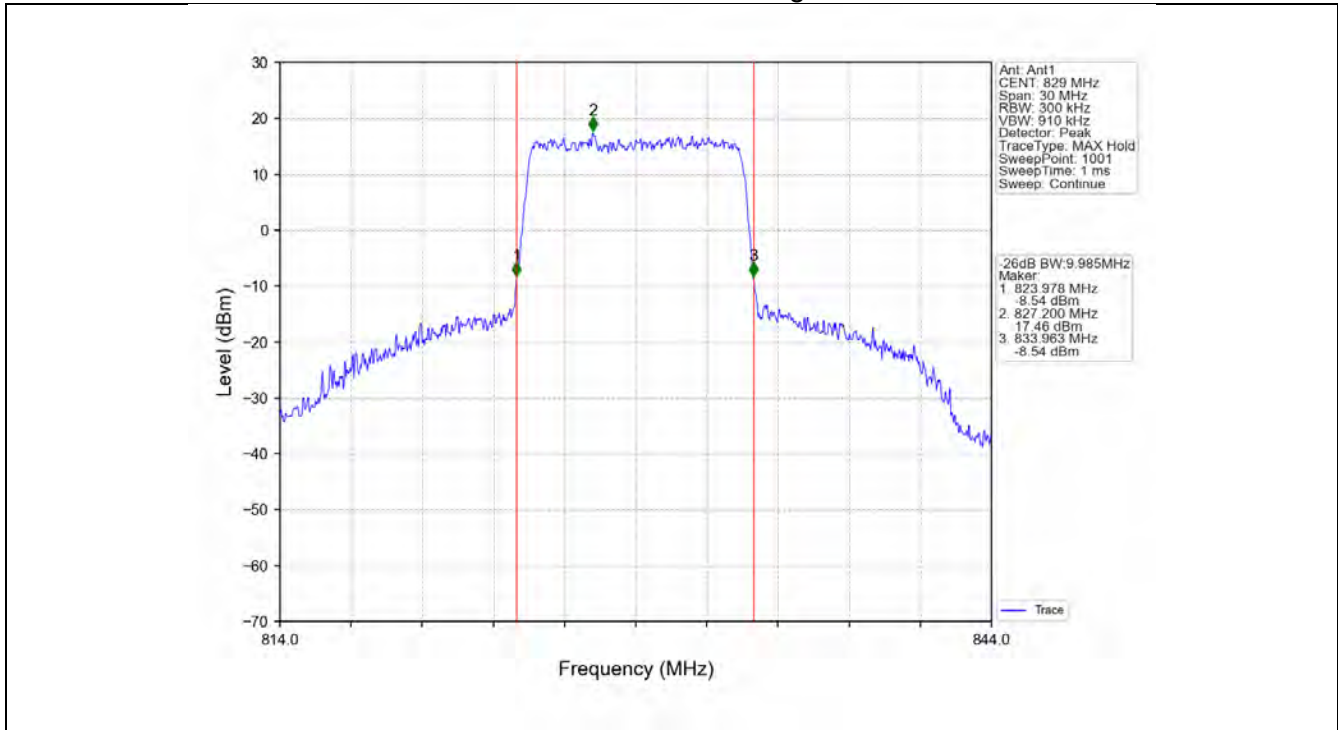
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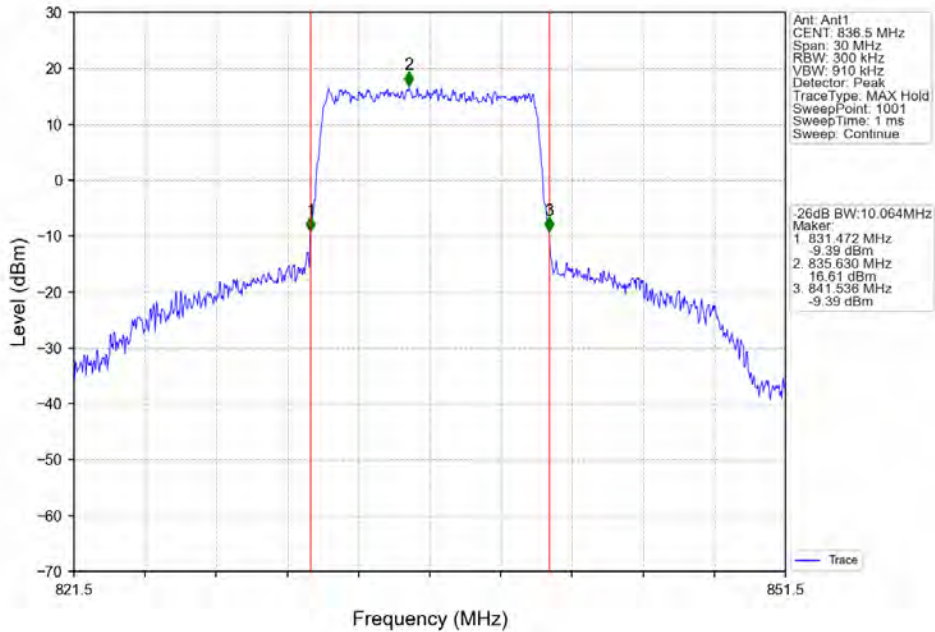


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Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



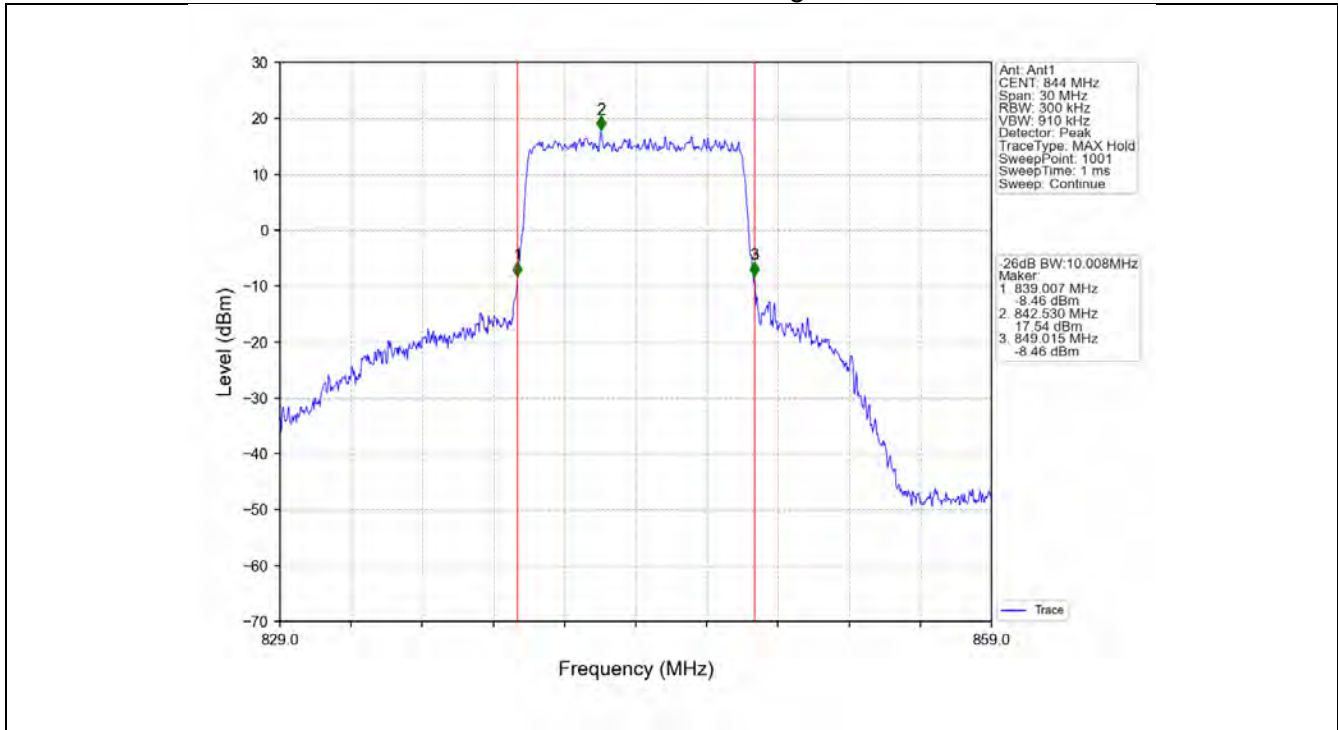
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4. Peak-Average Ratio

4.1 B5_1.4MHz

4.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.72	<=13	Pass
	836.5	6	0	4.36	<=13	Pass
	848.3	6	0	4.19	<=13	Pass
16QAM	824.7	6	0	5.61	<=13	Pass
	836.5	6	0	5.16	<=13	Pass
	848.3	6	0	5.02	<=13	Pass
64QAM	824.7	6	0	6.09	<=13	Pass
	836.5	6	0	5.85	<=13	Pass
	848.3	6	0	5.56	<=13	Pass

4.2 B5_3MHz

4.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.77	<=13	Pass
	836.5	15	0	4.49	<=13	Pass
	847.5	15	0	4.04	<=13	Pass
16QAM	825.5	15	0	5.61	<=13	Pass
	836.5	15	0	5.32	<=13	Pass
	847.5	15	0	4.86	<=13	Pass
64QAM	825.5	15	0	6.23	<=13	Pass
	836.5	15	0	5.88	<=13	Pass
	847.5	15	0	5.55	<=13	Pass



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4.3 B5_5MHz

4.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	4.84	<=13	Pass
	836.5	25	0	4.84	<=13	Pass
	846.5	25	0	4.42	<=13	Pass
16QAM	826.5	25	0	5.61	<=13	Pass
	836.5	25	0	5.57	<=13	Pass
	846.5	25	0	5.14	<=13	Pass
64QAM	826.5	25	0	6.15	<=13	Pass
	836.5	25	0	6.06	<=13	Pass
	846.5	25	0	5.71	<=13	Pass

4.4 B5_10MHz

4.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	4.67	<=13	Pass
	836.5	50	0	4.91	<=13	Pass
	844	50	0	4.82	<=13	Pass
16QAM	829	50	0	5.45	<=13	Pass
	836.5	50	0	5.70	<=13	Pass
	844	50	0	5.62	<=13	Pass
64QAM	829	50	0	5.97	<=13	Pass
	836.5	50	0	6.16	<=13	Pass
	844	50	0	6.09	<=13	Pass



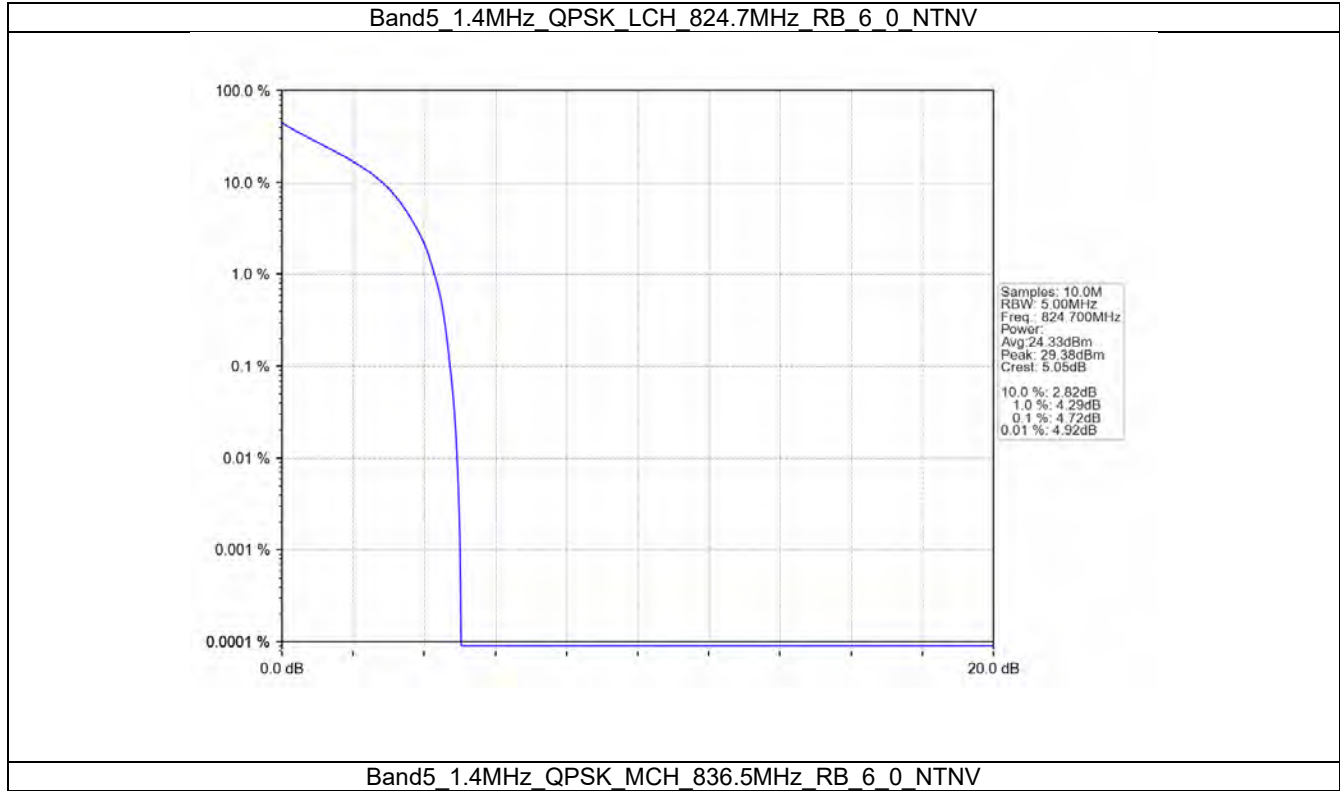
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4.1 B5_1.4MHz

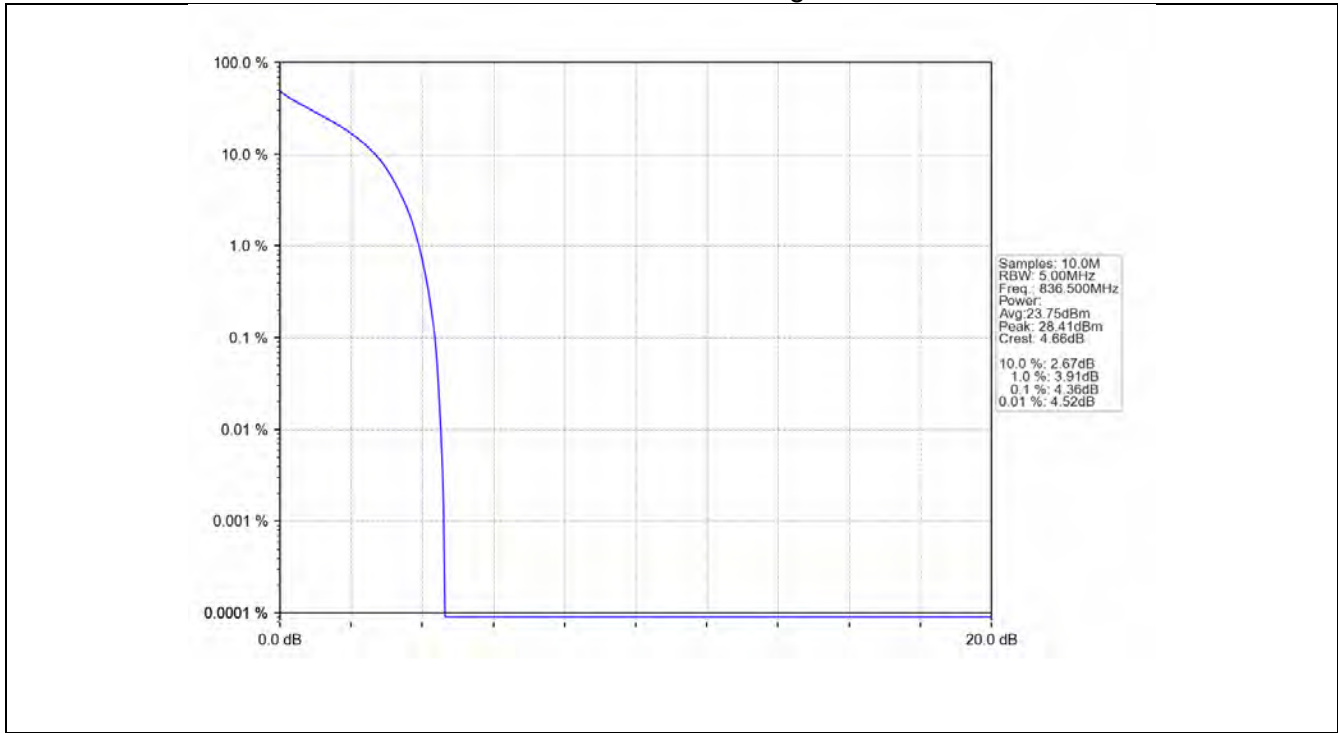
4.1.2 Test Graph



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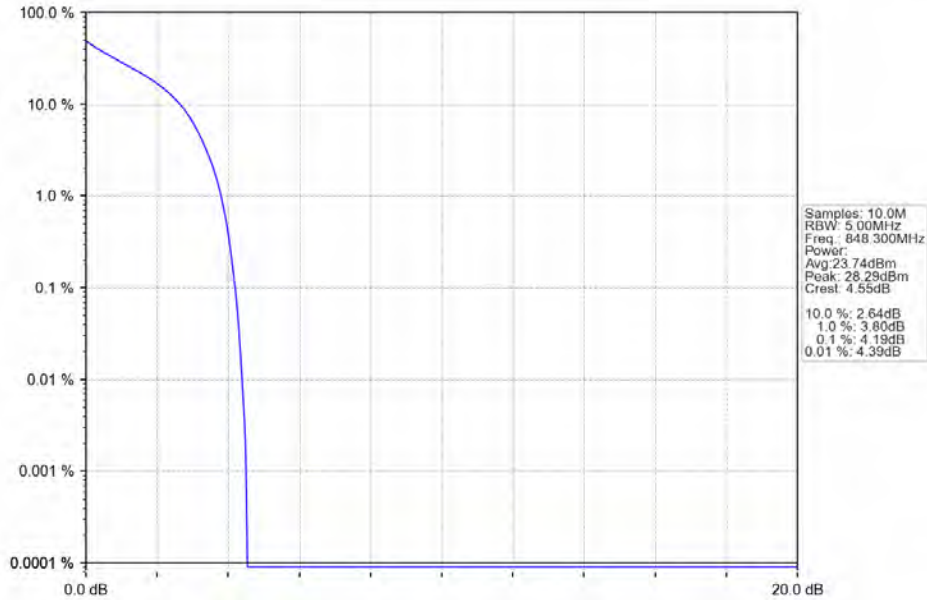


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Band5 1.4MHz 16QAM LCH 824.7MHz RB 6_0 NTV

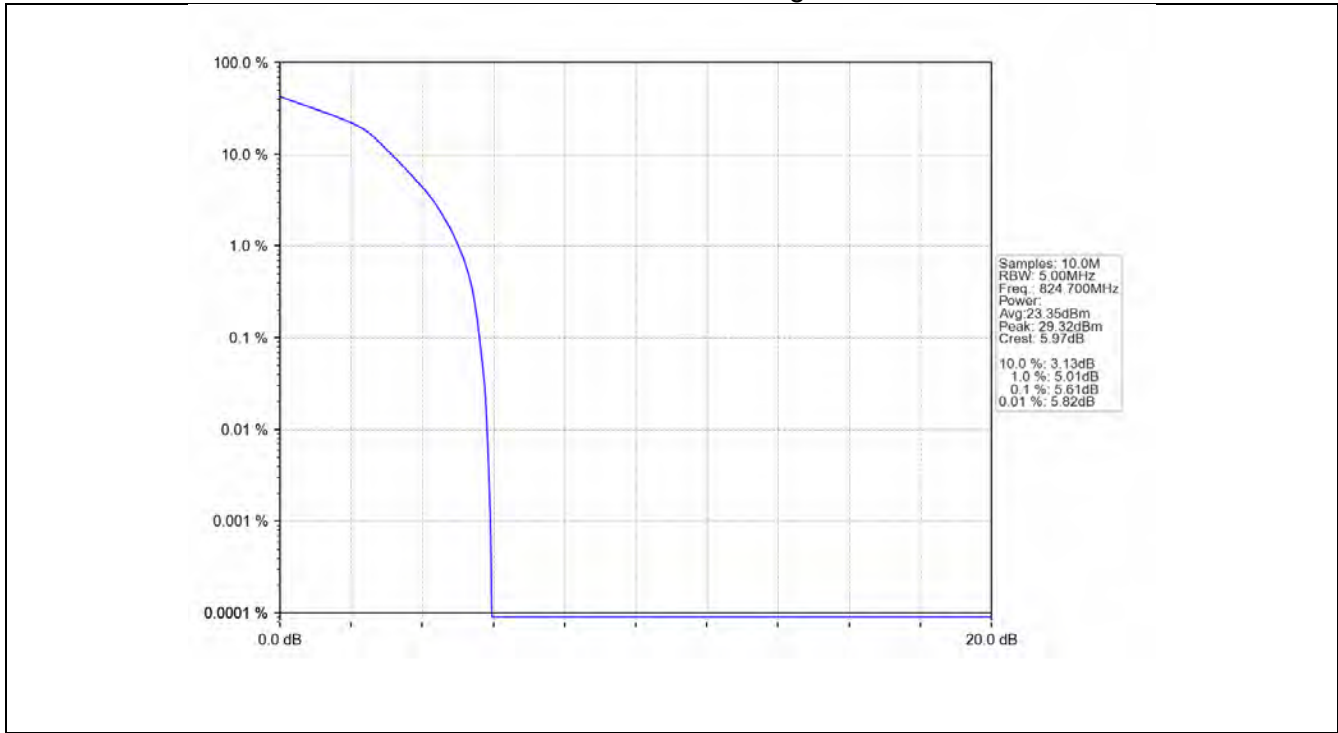


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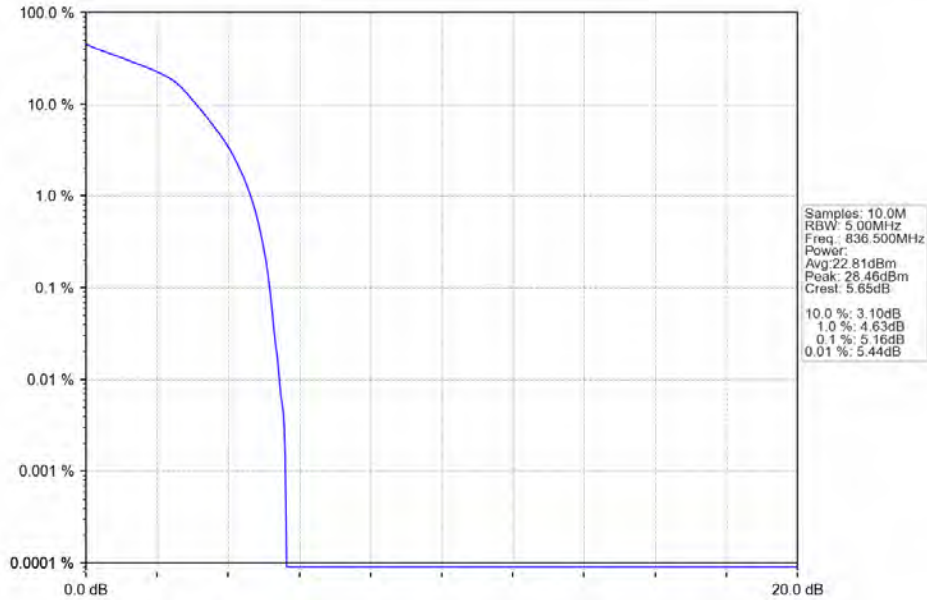


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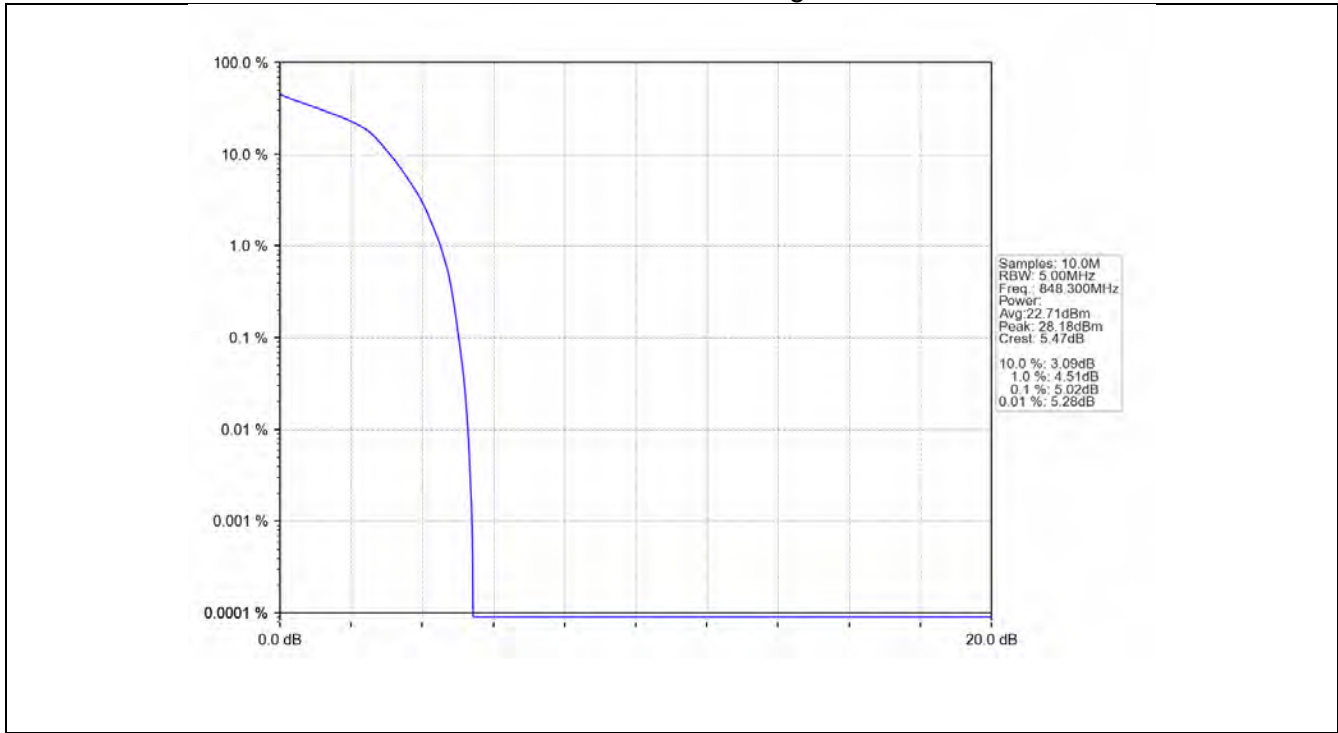
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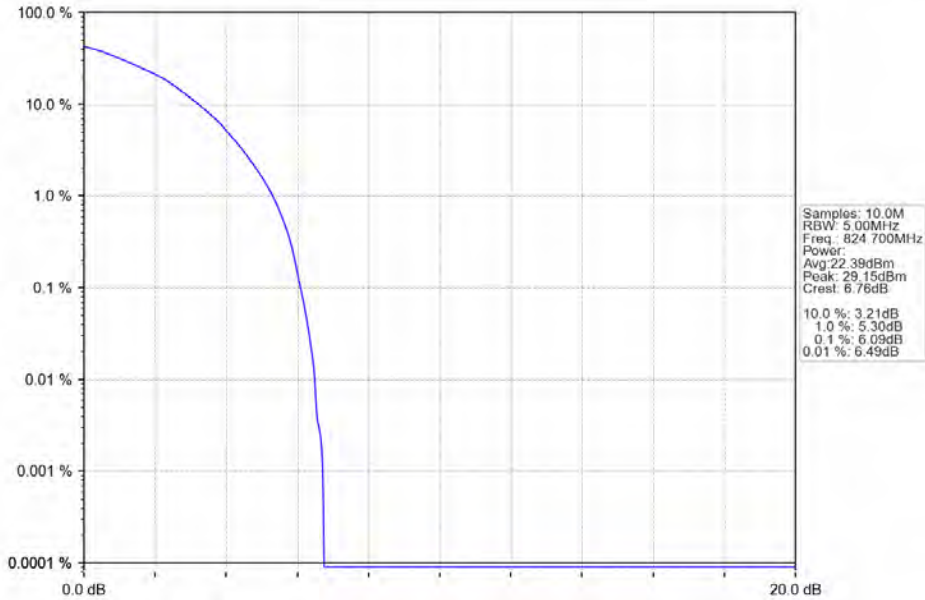


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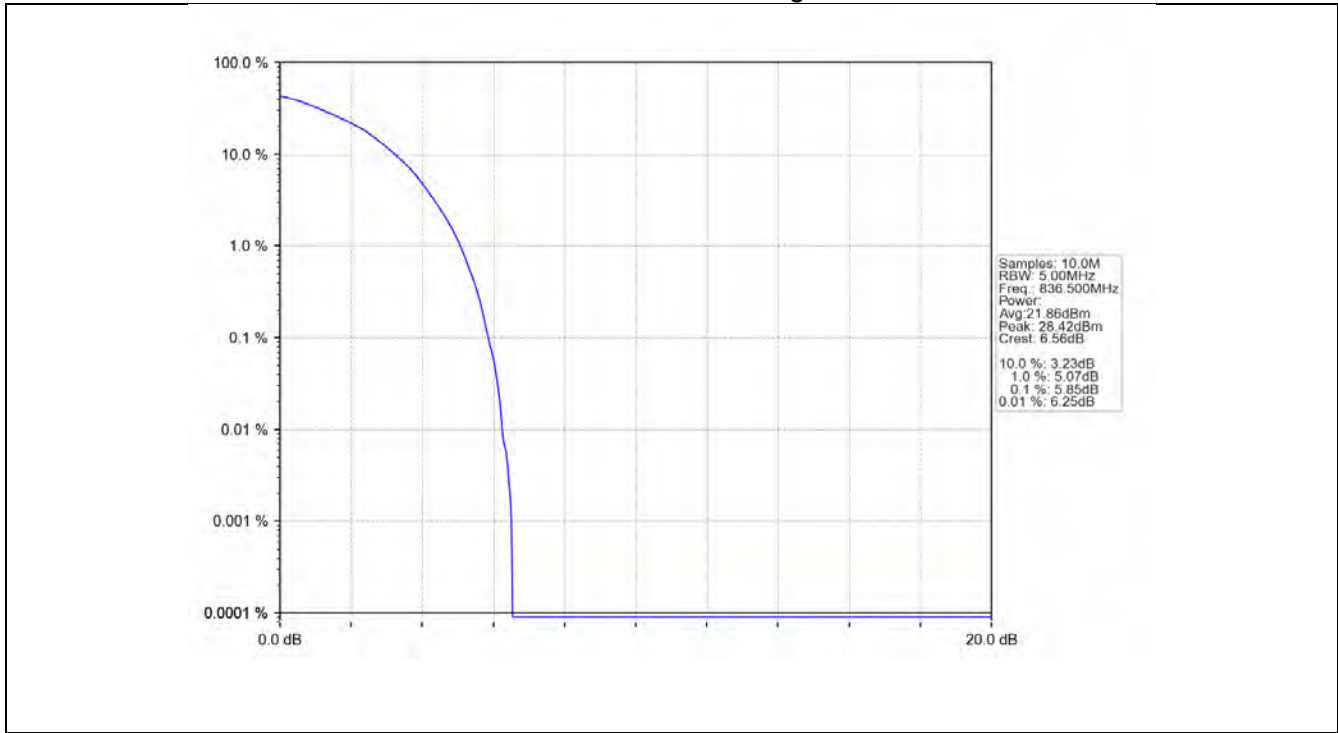
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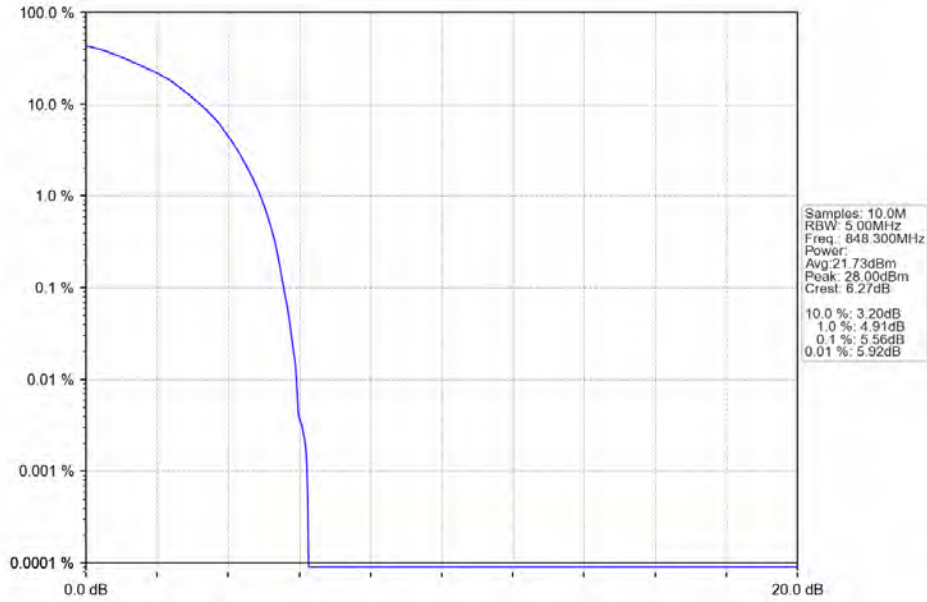


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Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



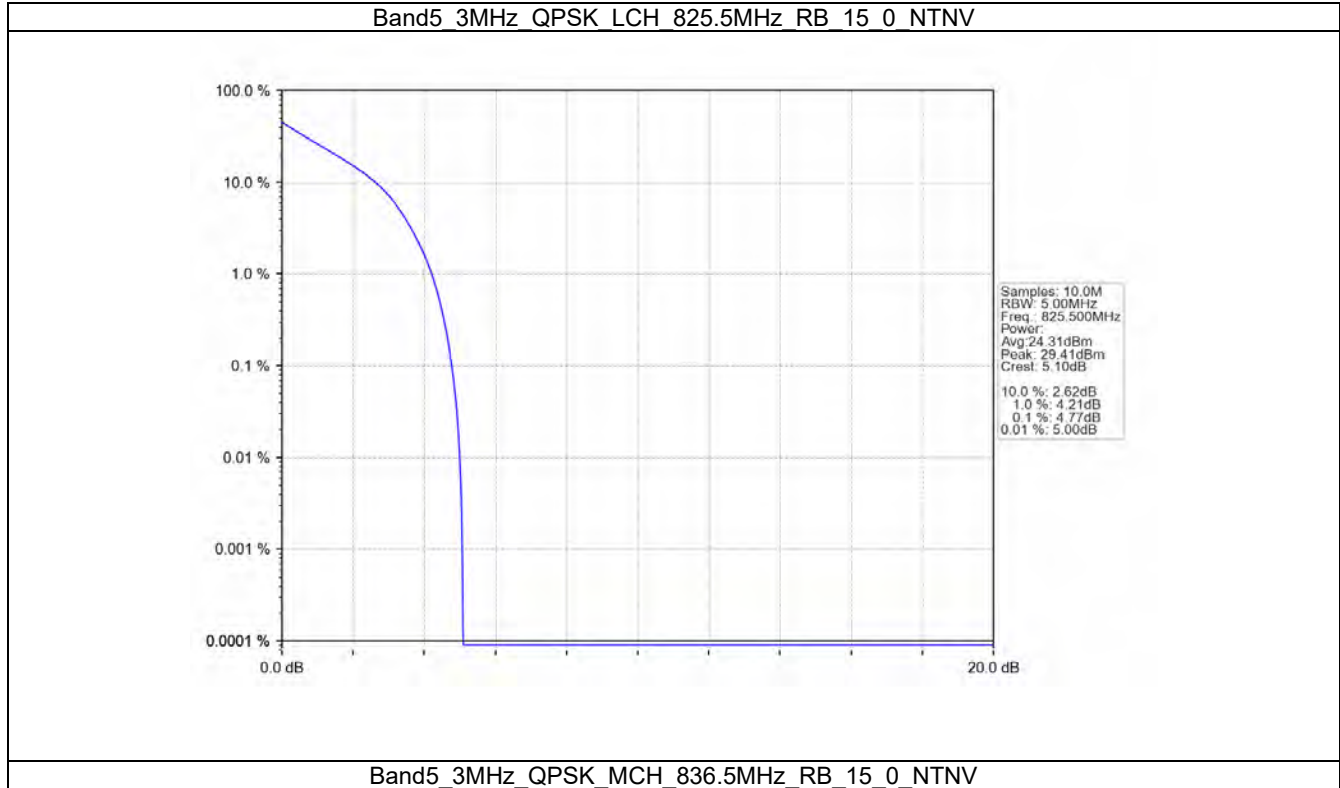
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4.2 B5_3MHz

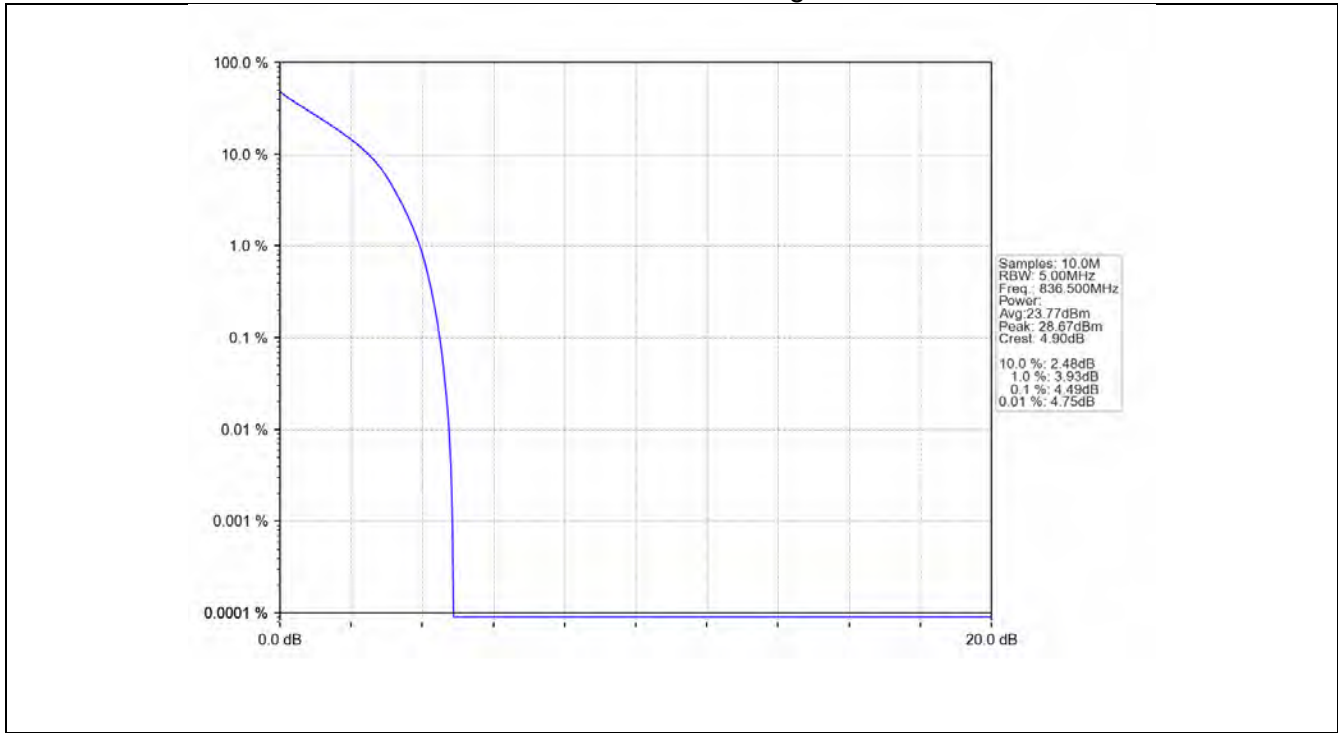
4.2.2 Test Graph



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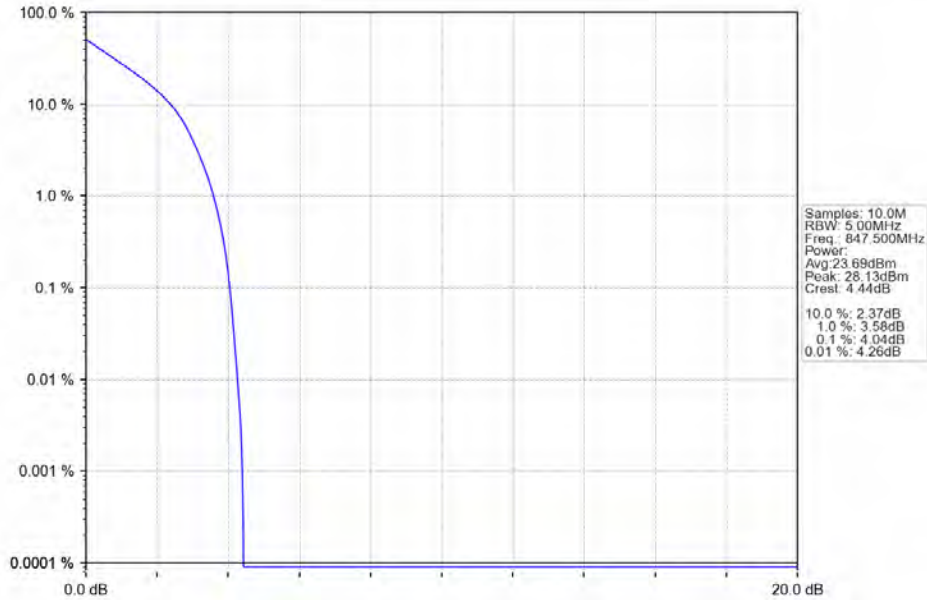
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Report No.: SUCR240200003402

Rev.: 01

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Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



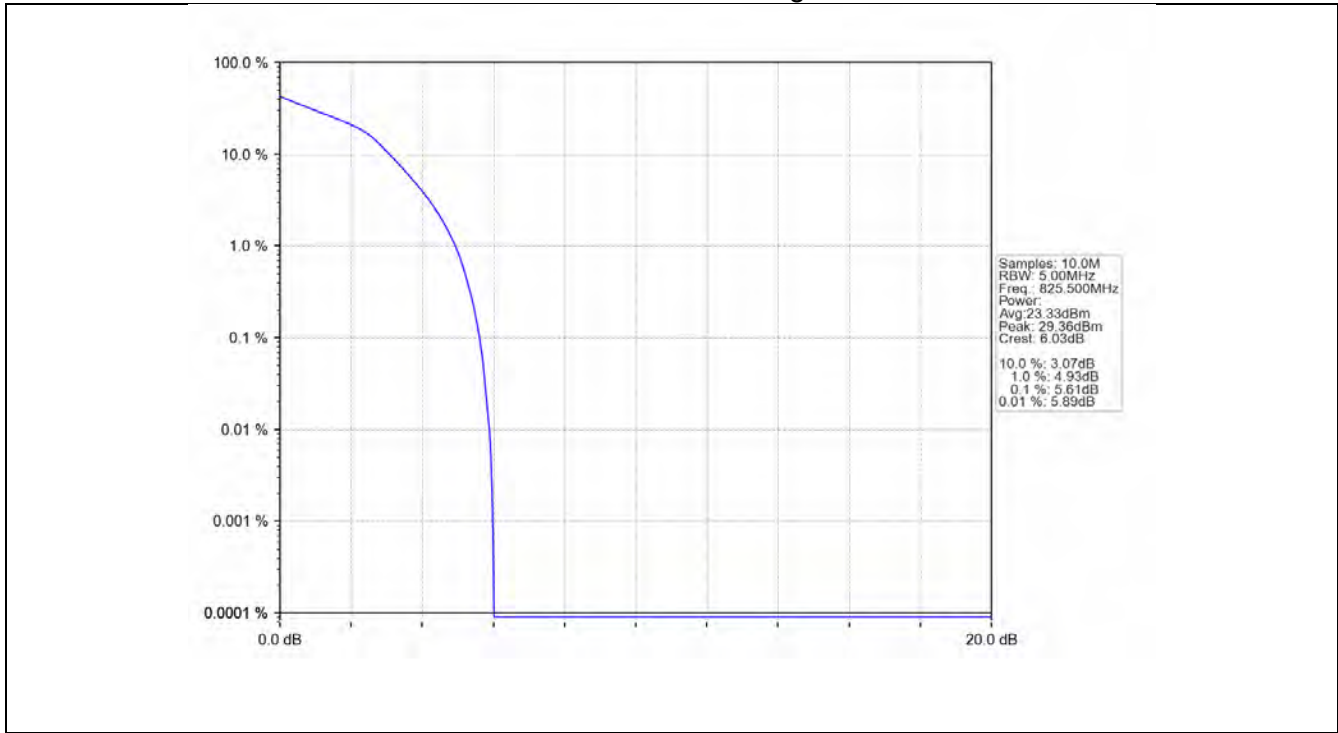
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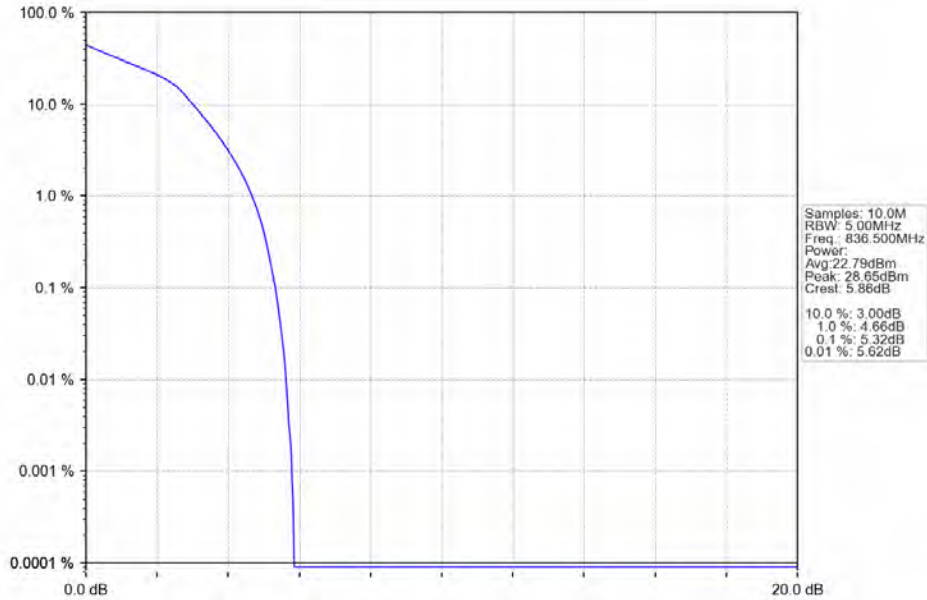


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Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



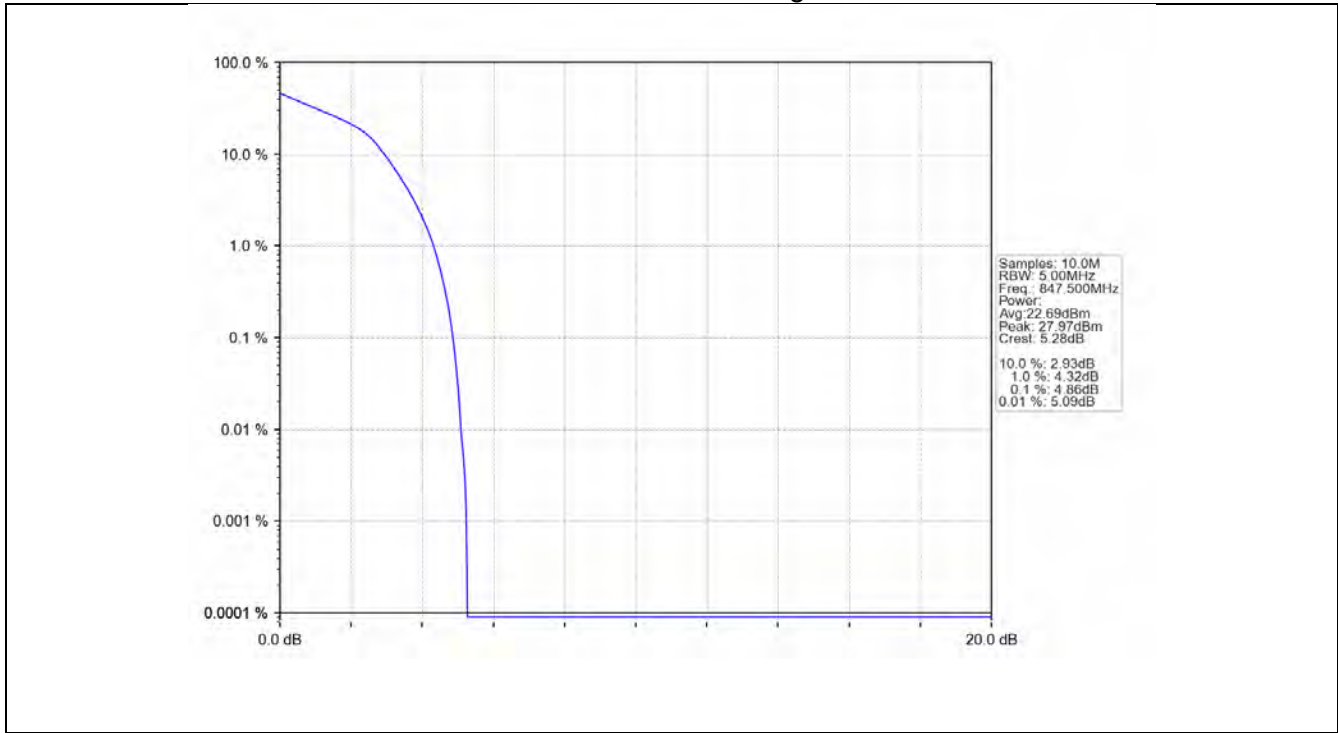
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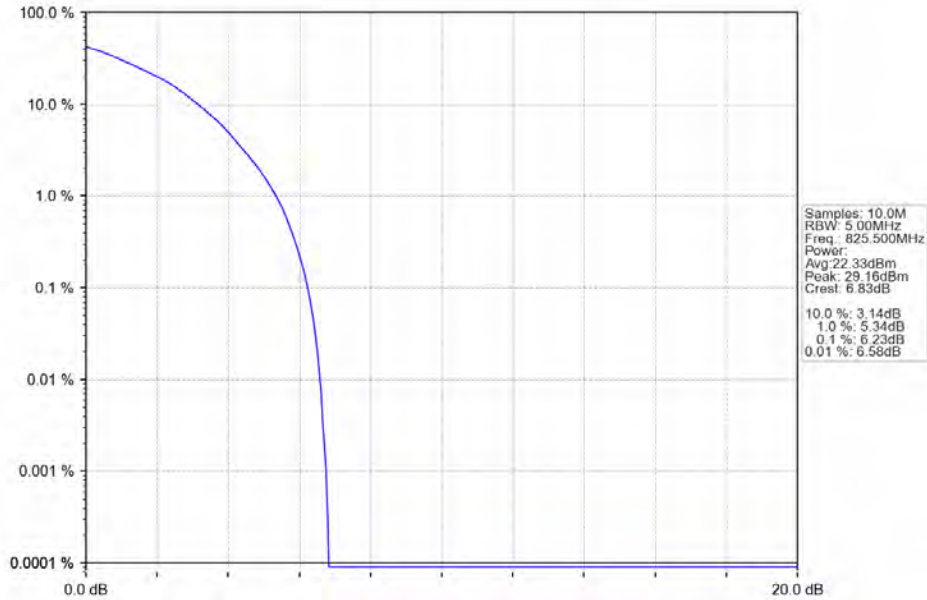


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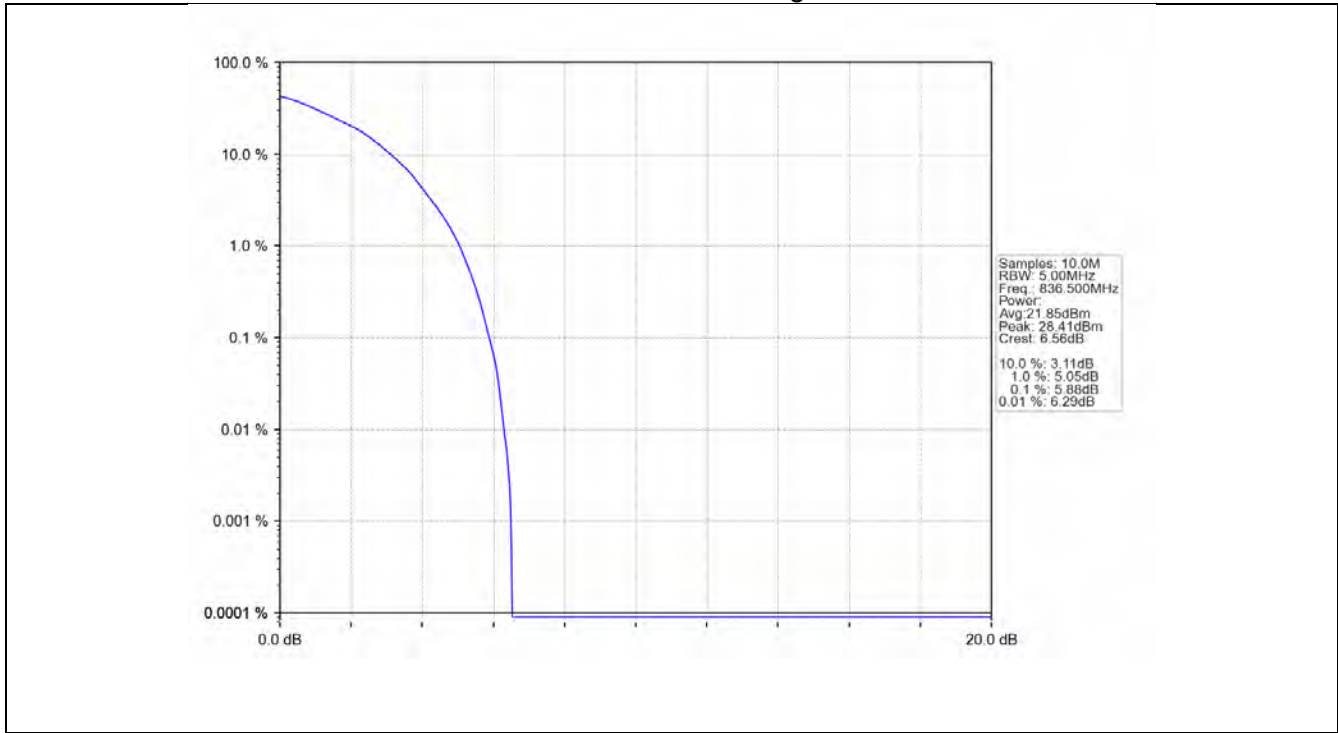


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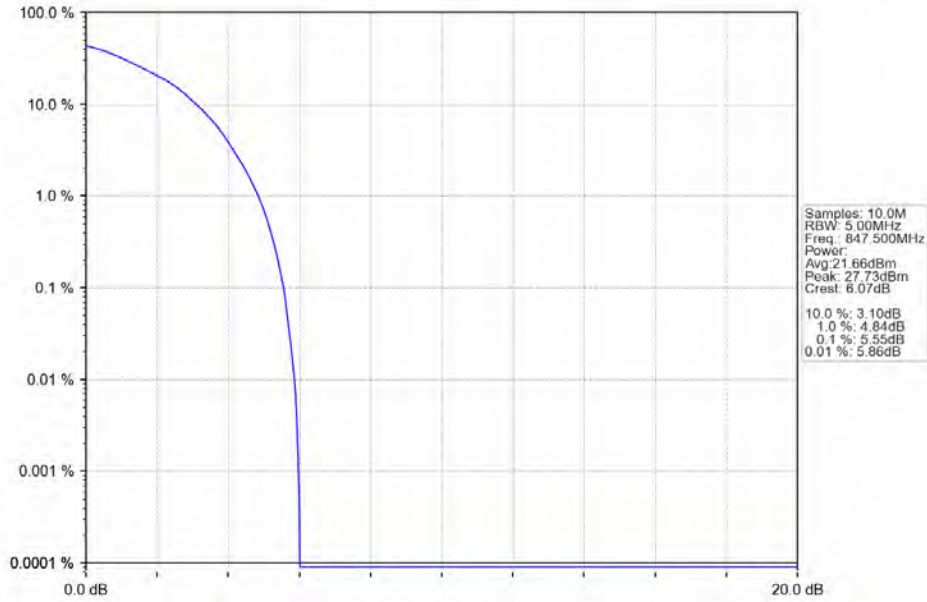


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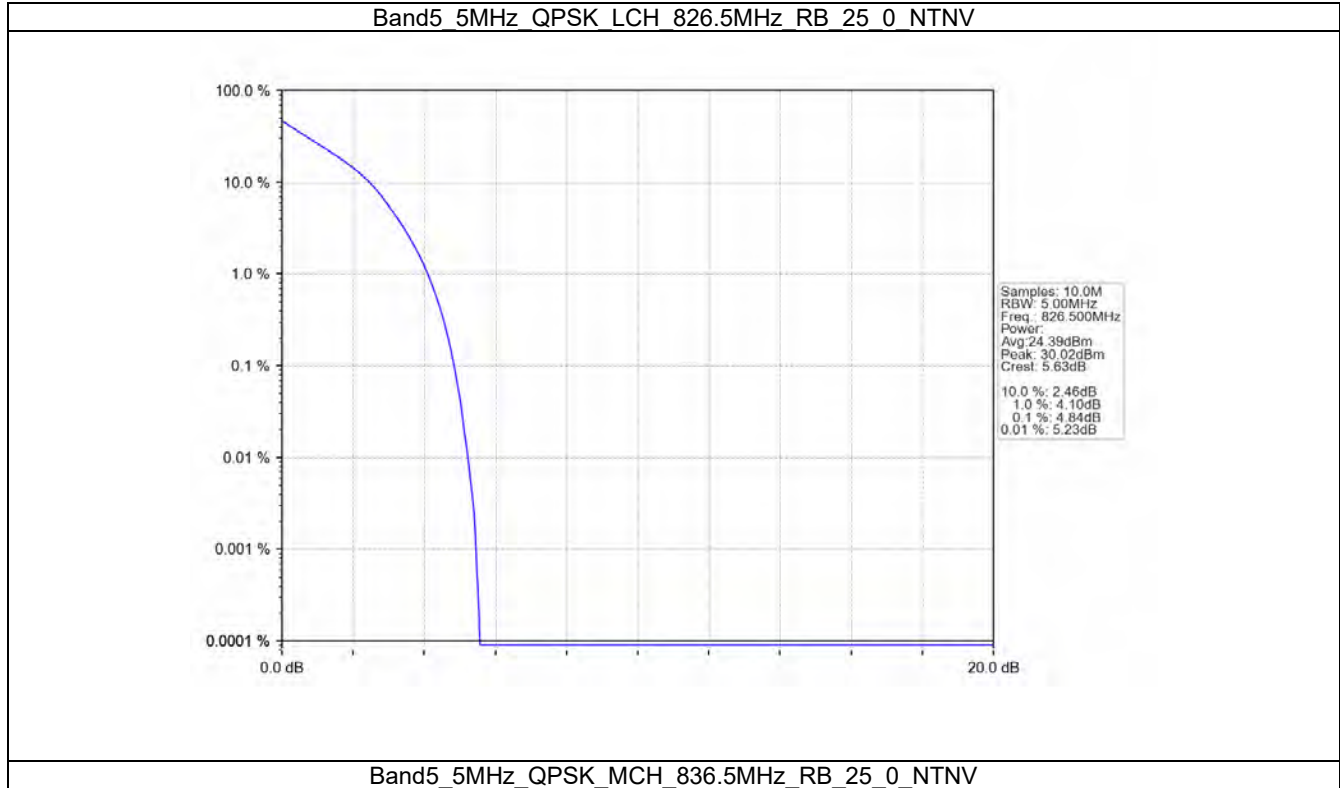
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4.3 B5_5MHz

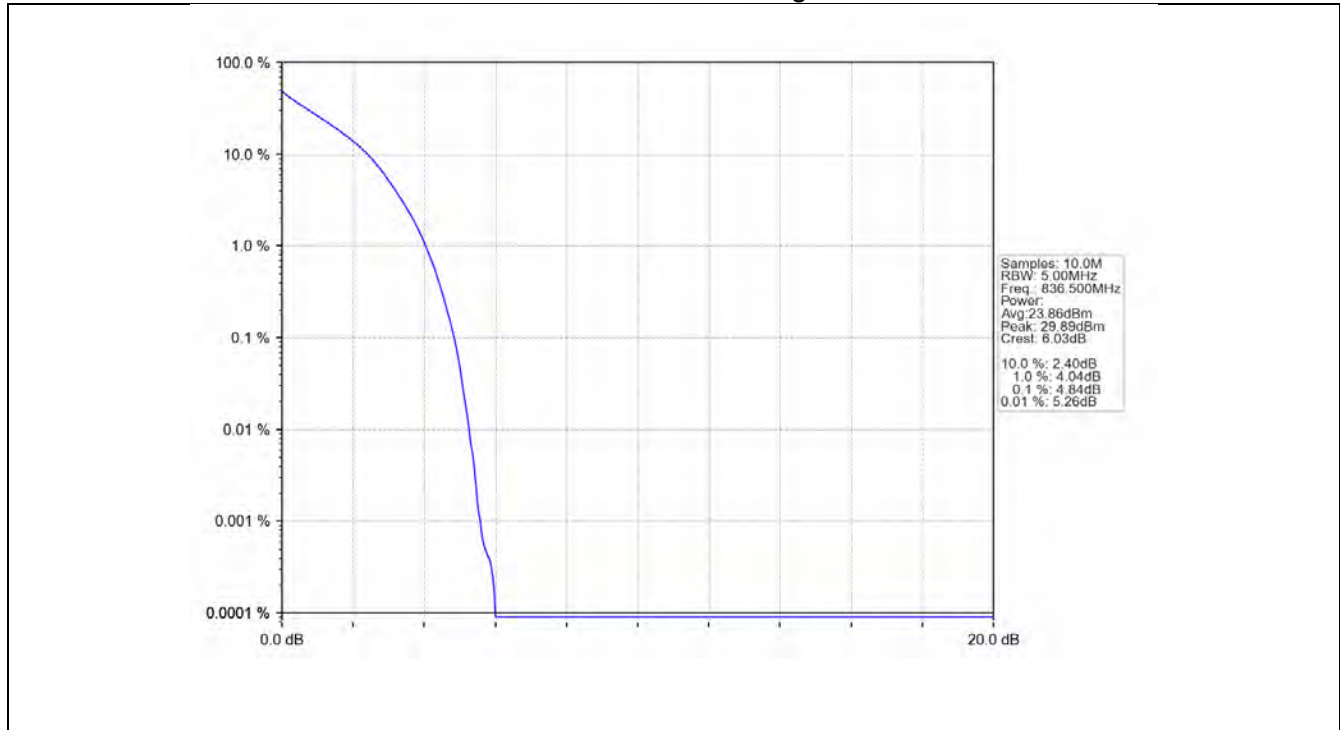
4.3.2 Test Graph



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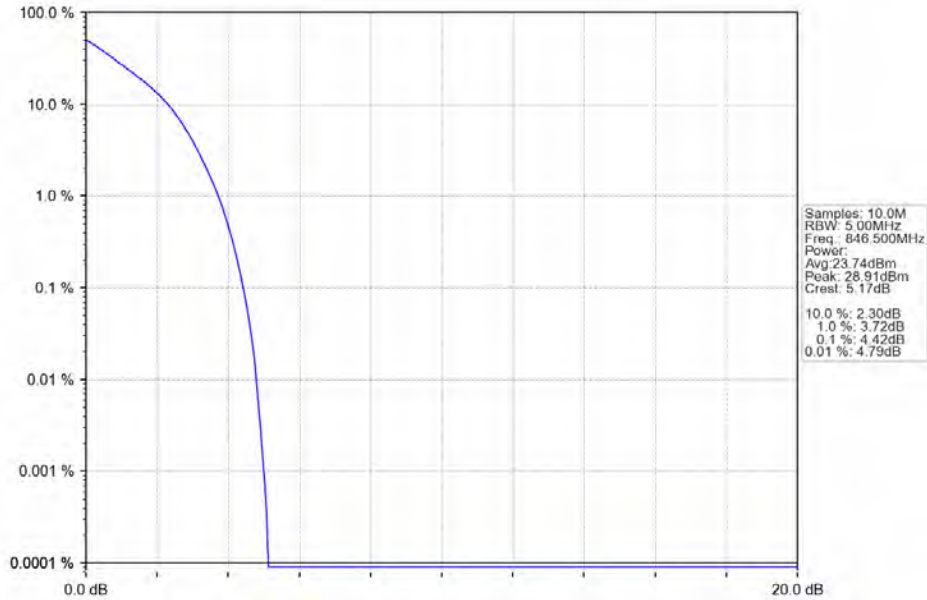


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Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



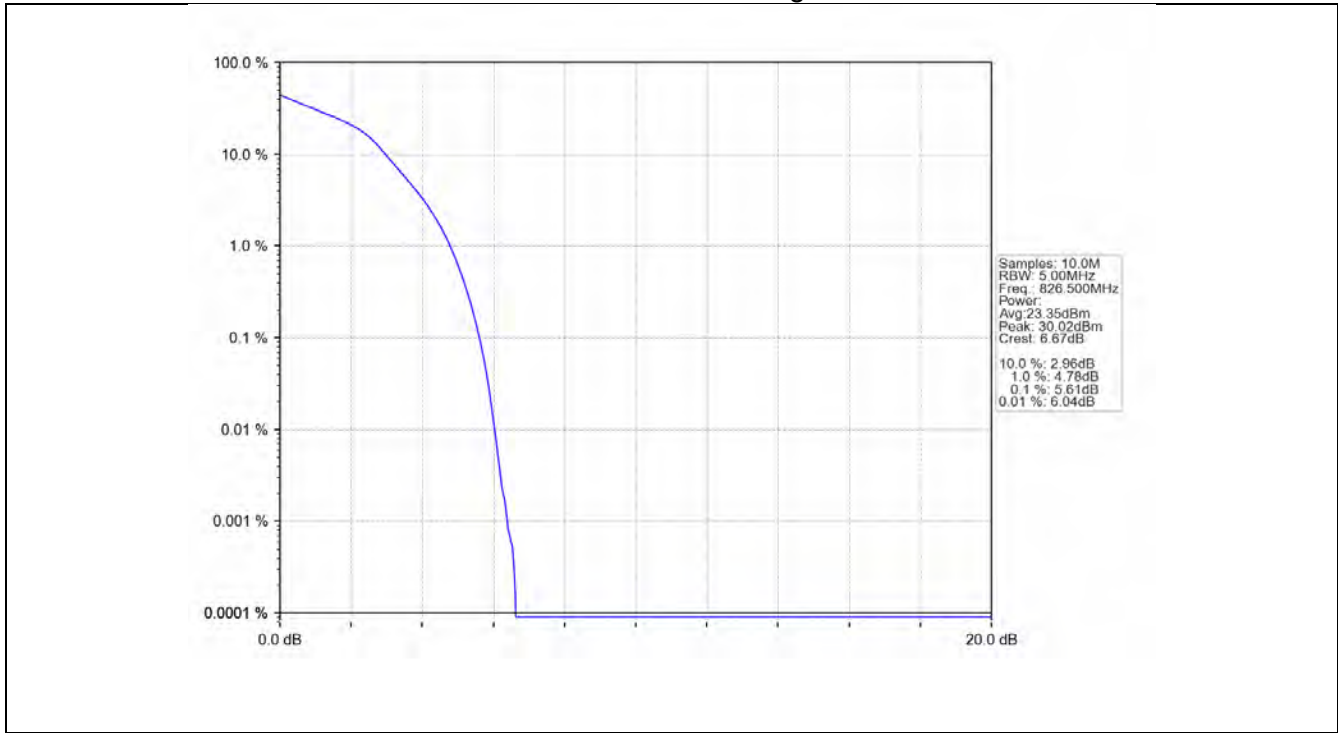
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



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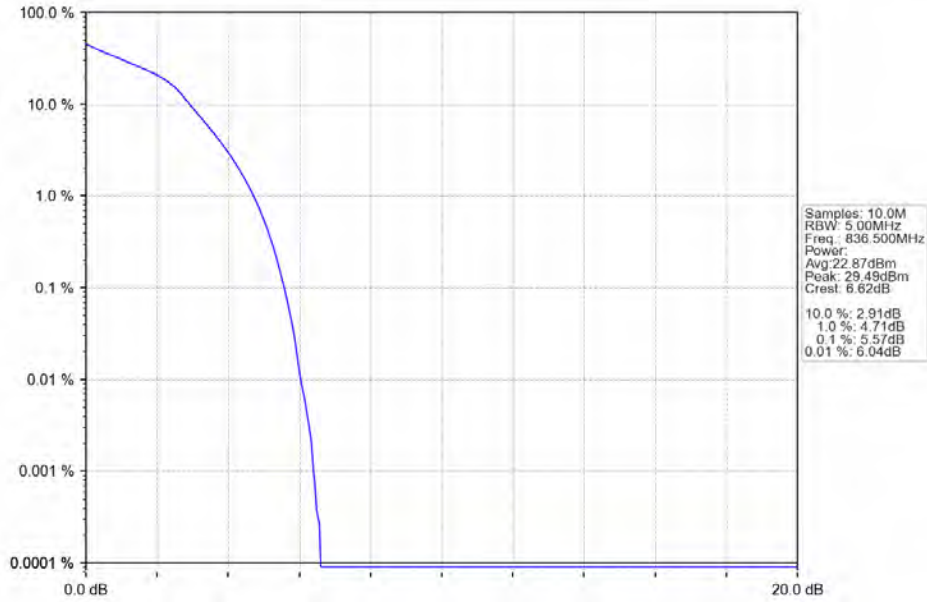


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Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

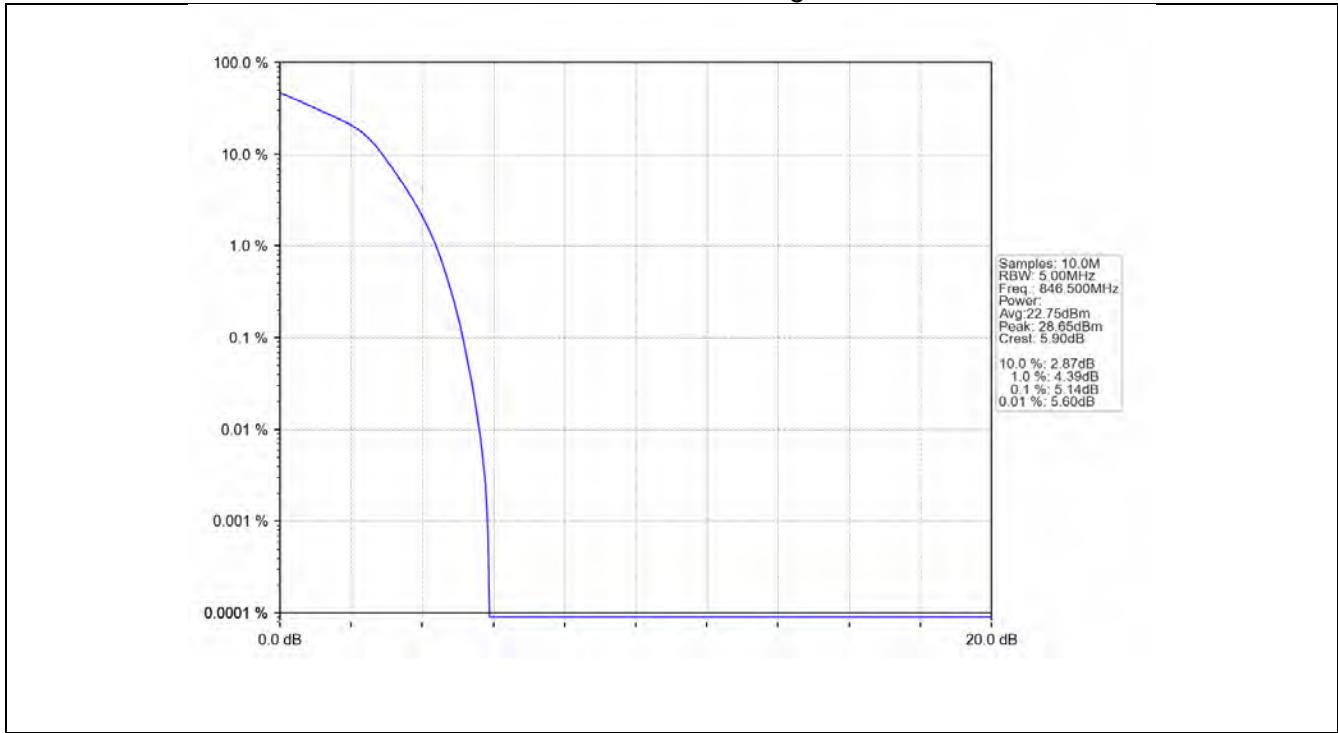


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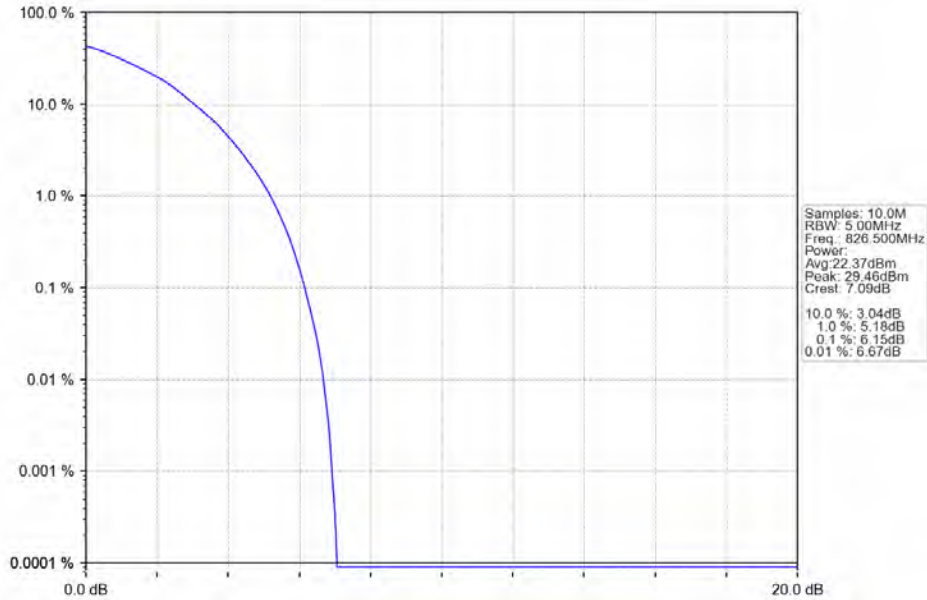


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Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



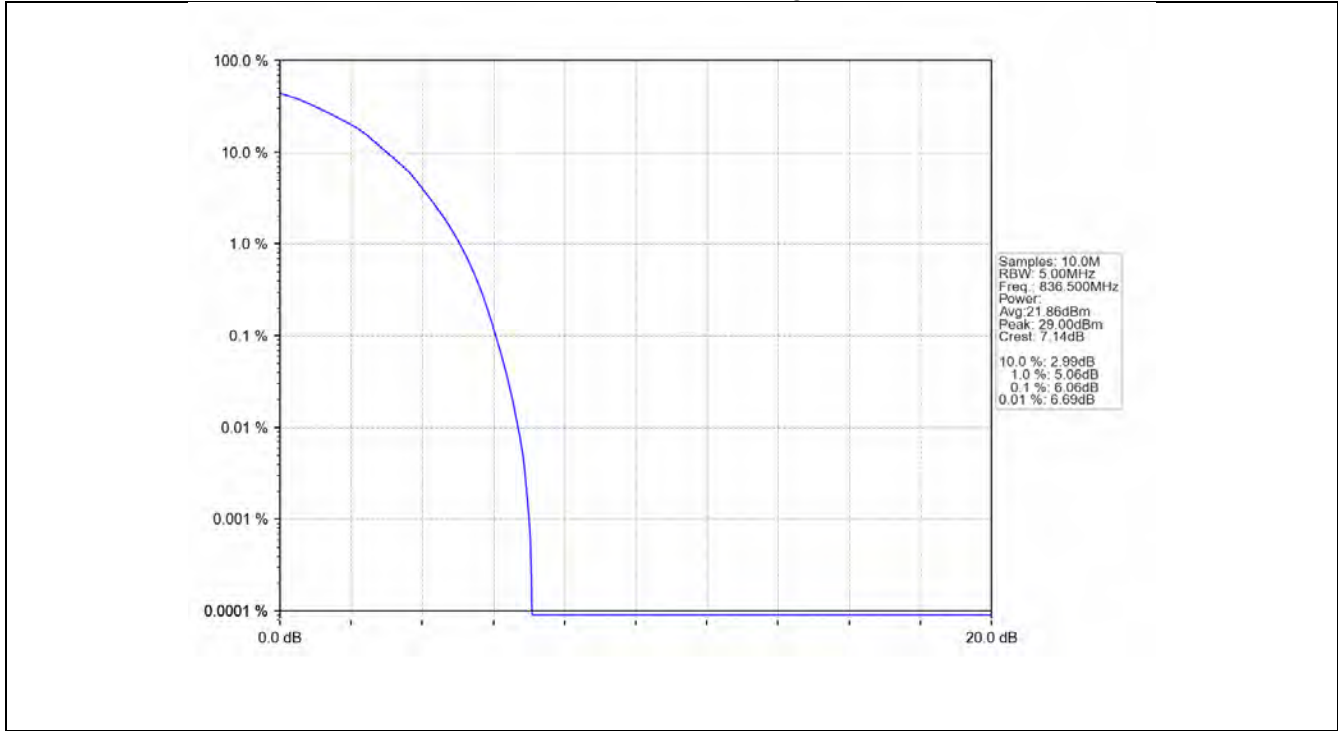
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



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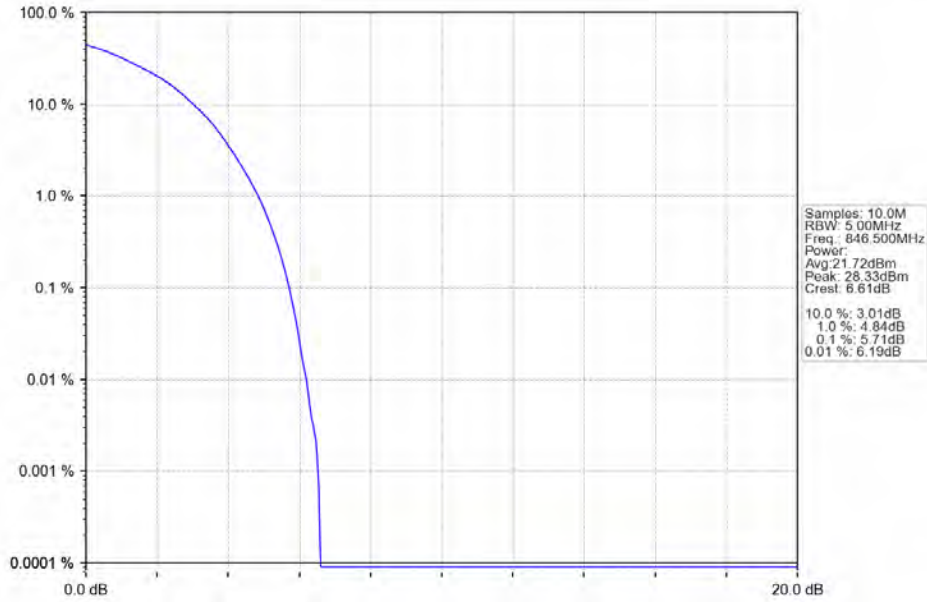


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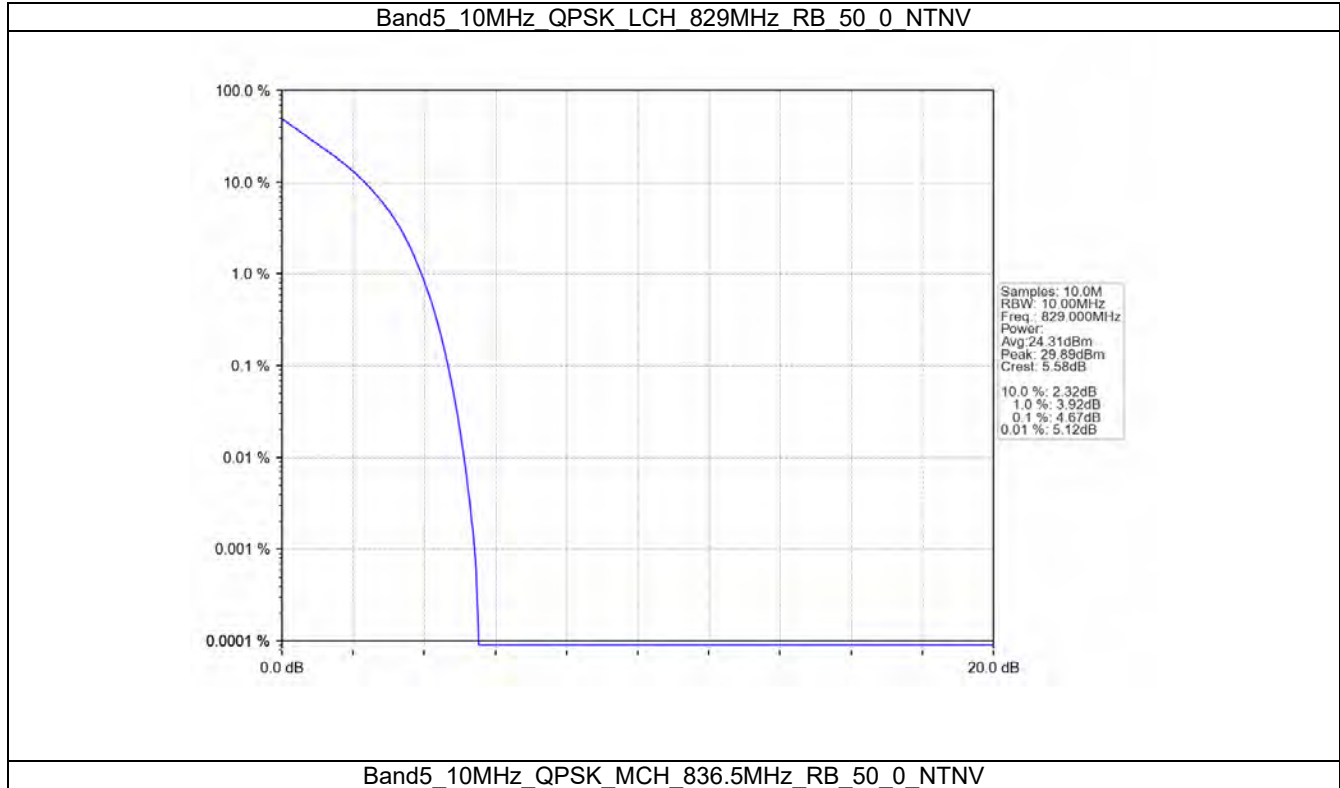
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4.4 B5_10MHz

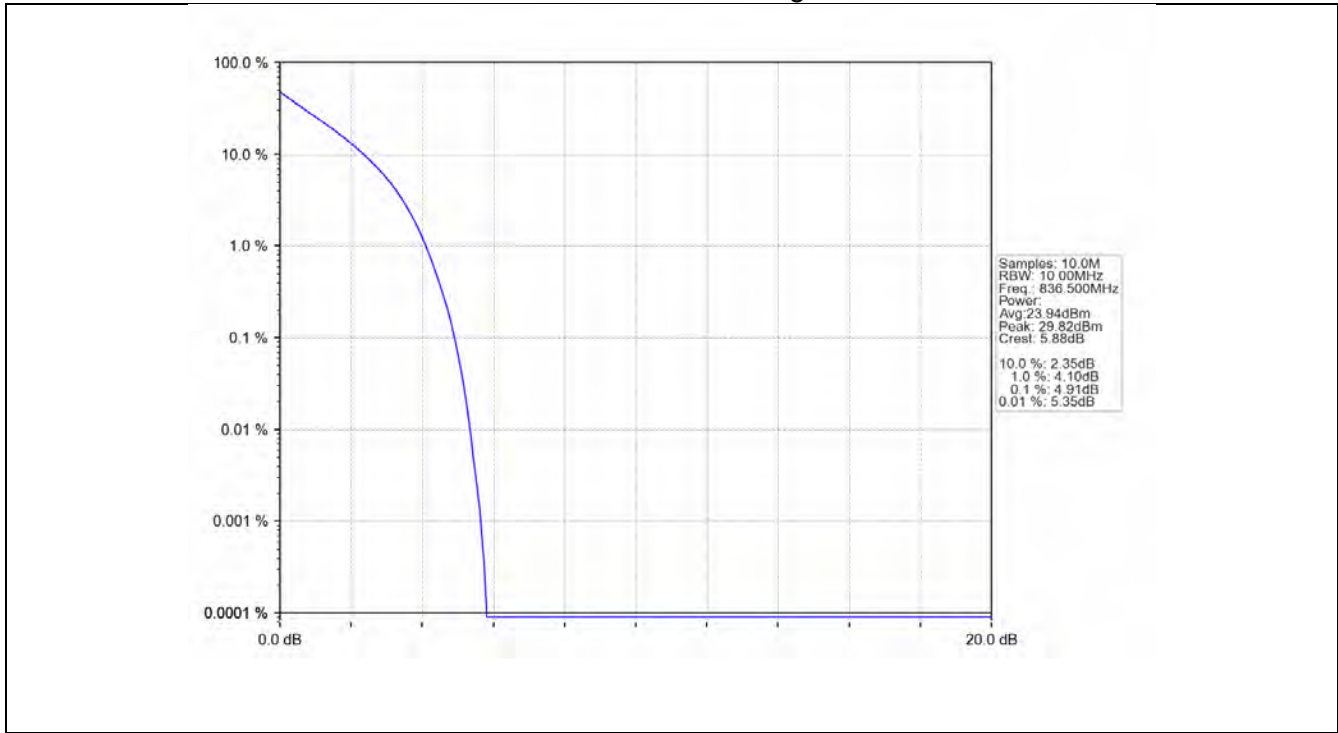
4.4.2 Test Graph



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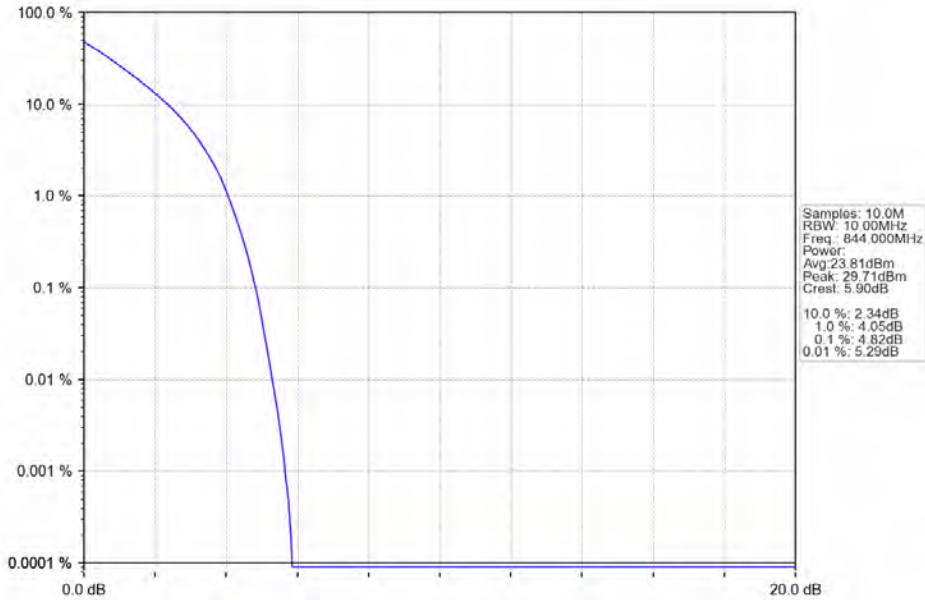


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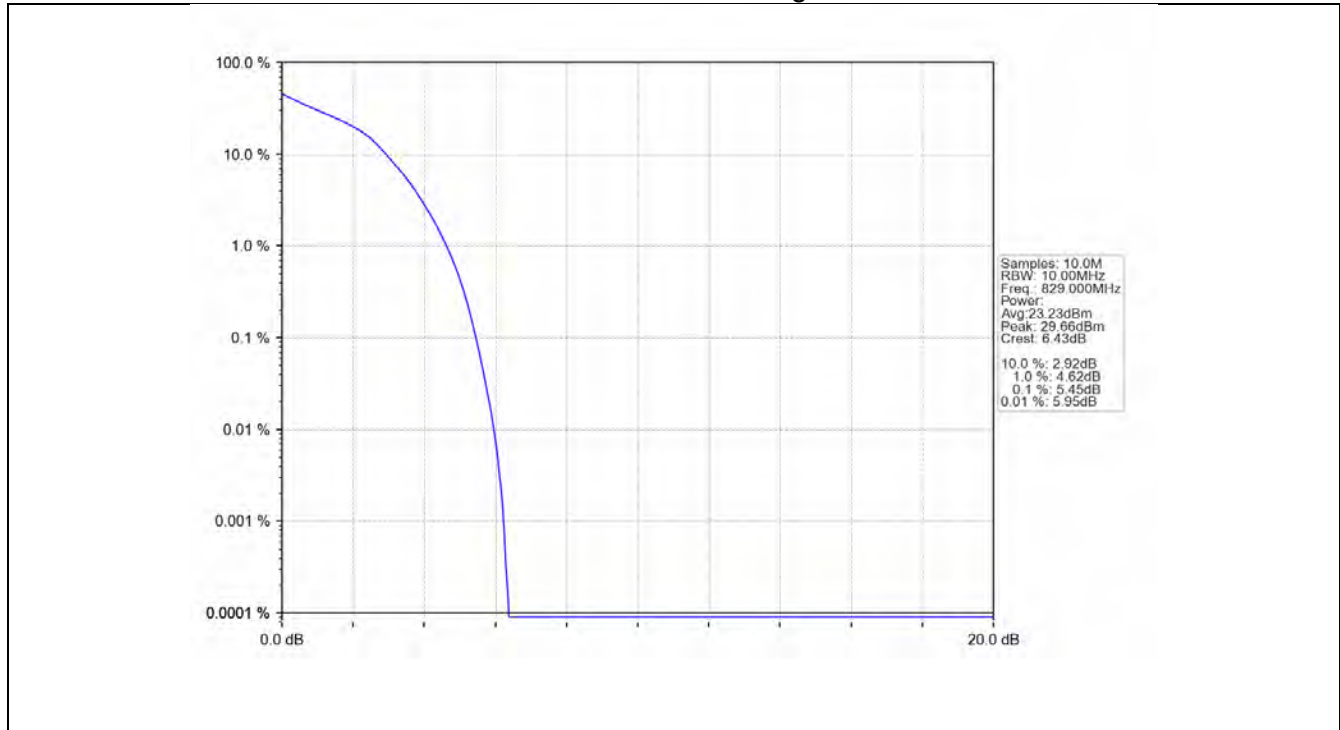
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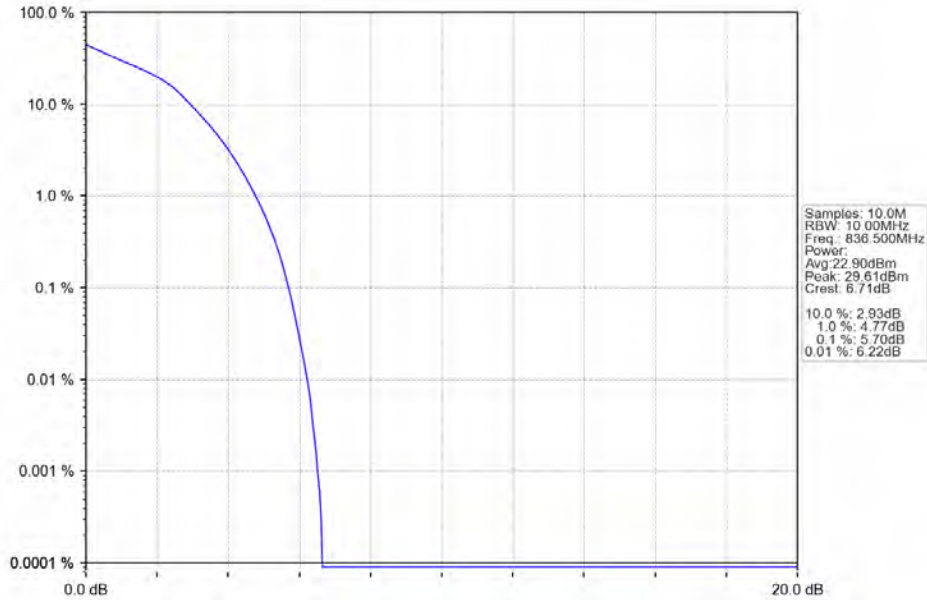


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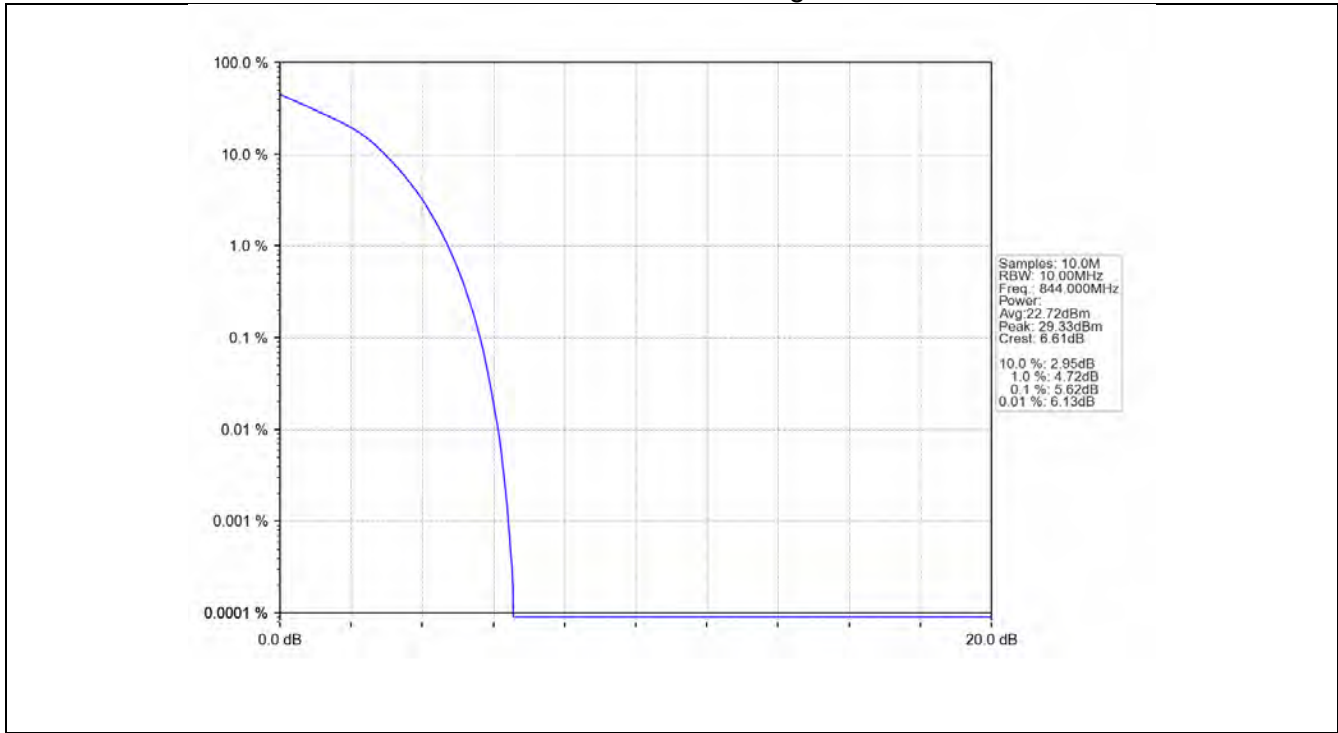
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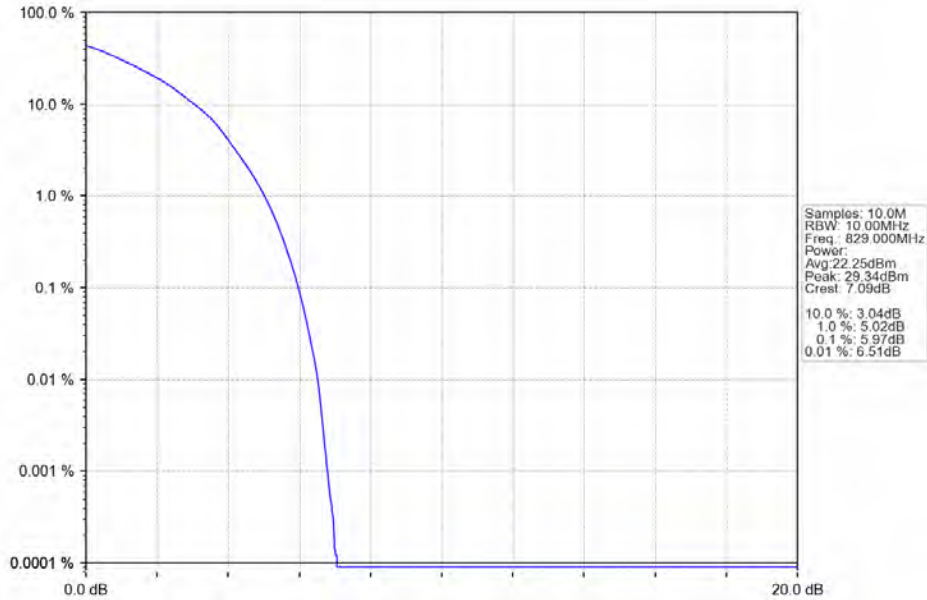


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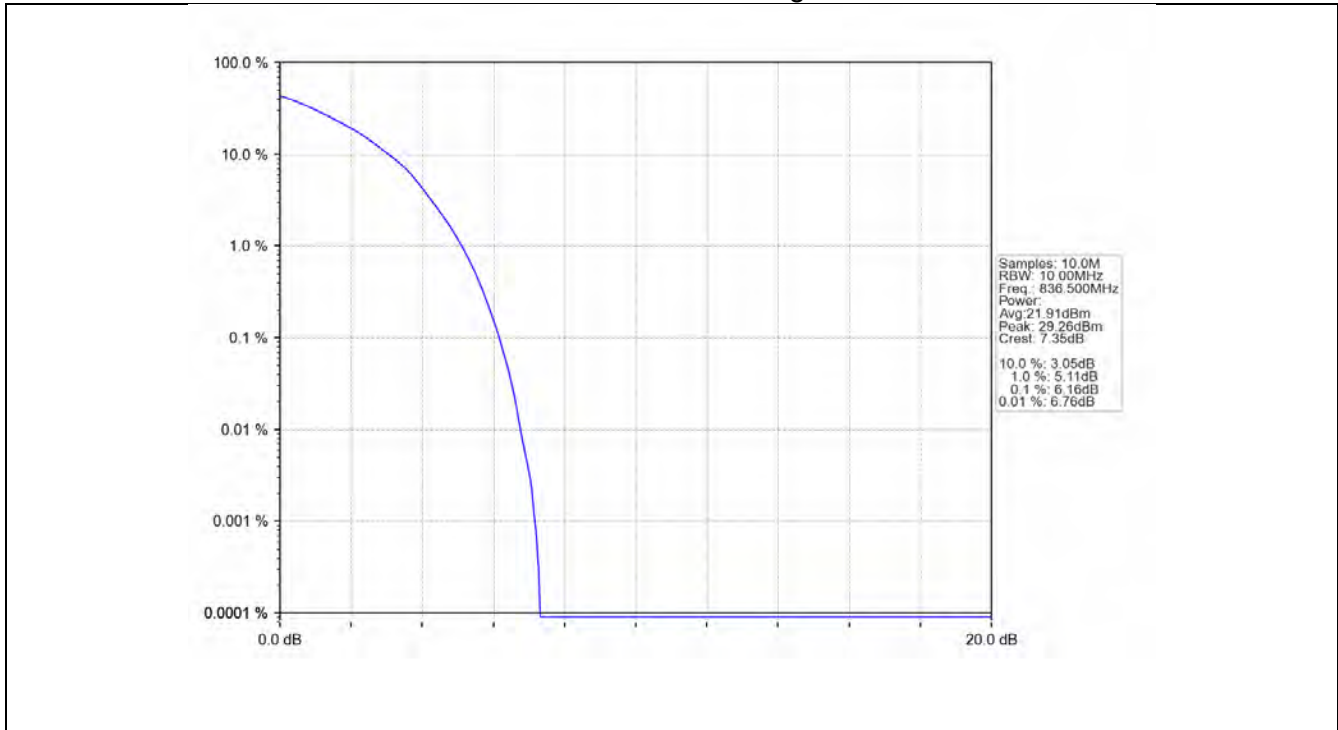


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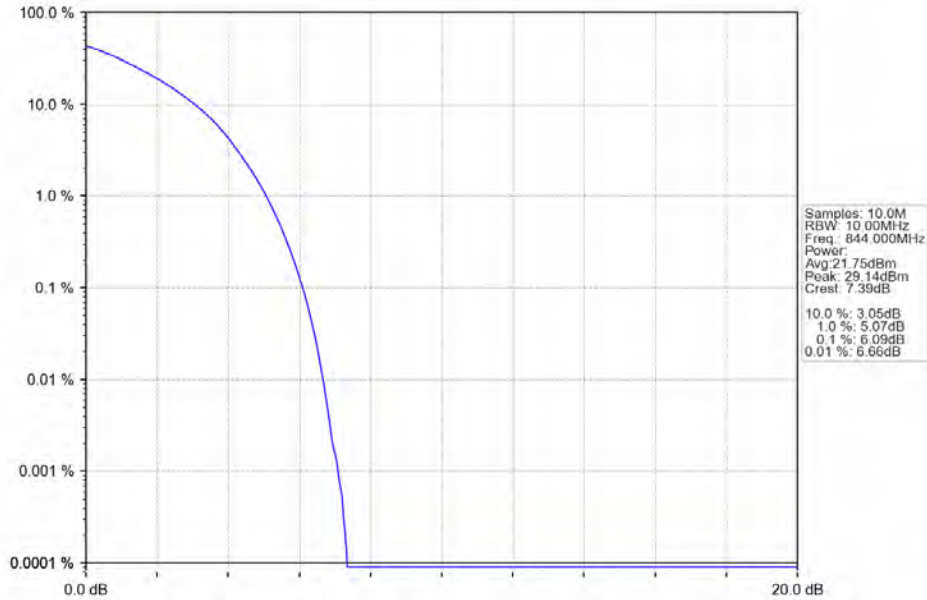


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Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



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5. Spurious Emission & Band Edges

5.1 B5_1.4MHz

5.1.1 Test Result

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

5.2 B5_3MHz

5.2.1 Test Result

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

5.3 B5_5MHz

5.3.1 Test Result

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



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Report No.: SUCR240200003402
Rev.: 01
Page: 135 of 166

5.4 B5_10MHz

5.4.1 Test Result

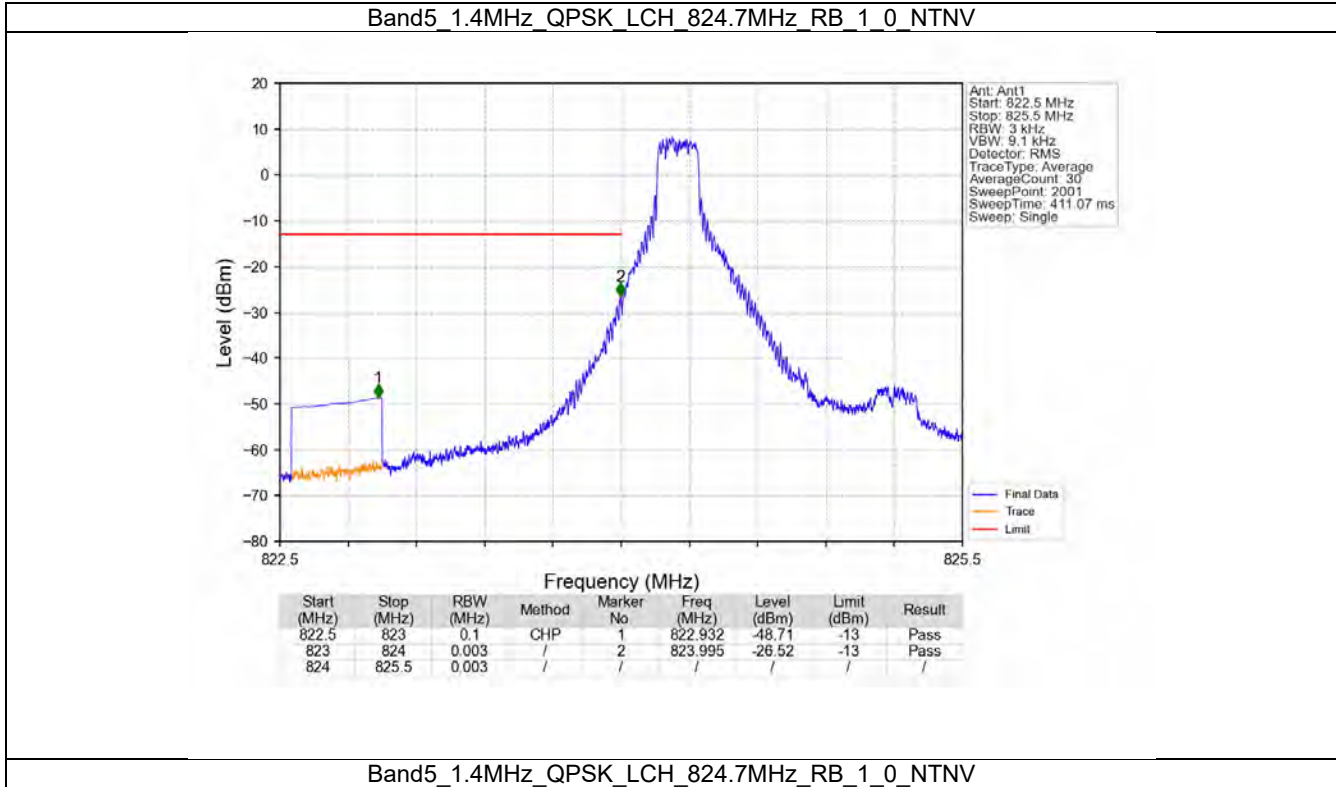
Table with columns: Modulation, Frequency (MHz), RB Allocation (Size, Offset), Spurious Emission (Result, Limit), Verdict. Data rows for QPSK at frequencies 829, 836.5, and 844 MHz.



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5.1 B5_1.4MHz

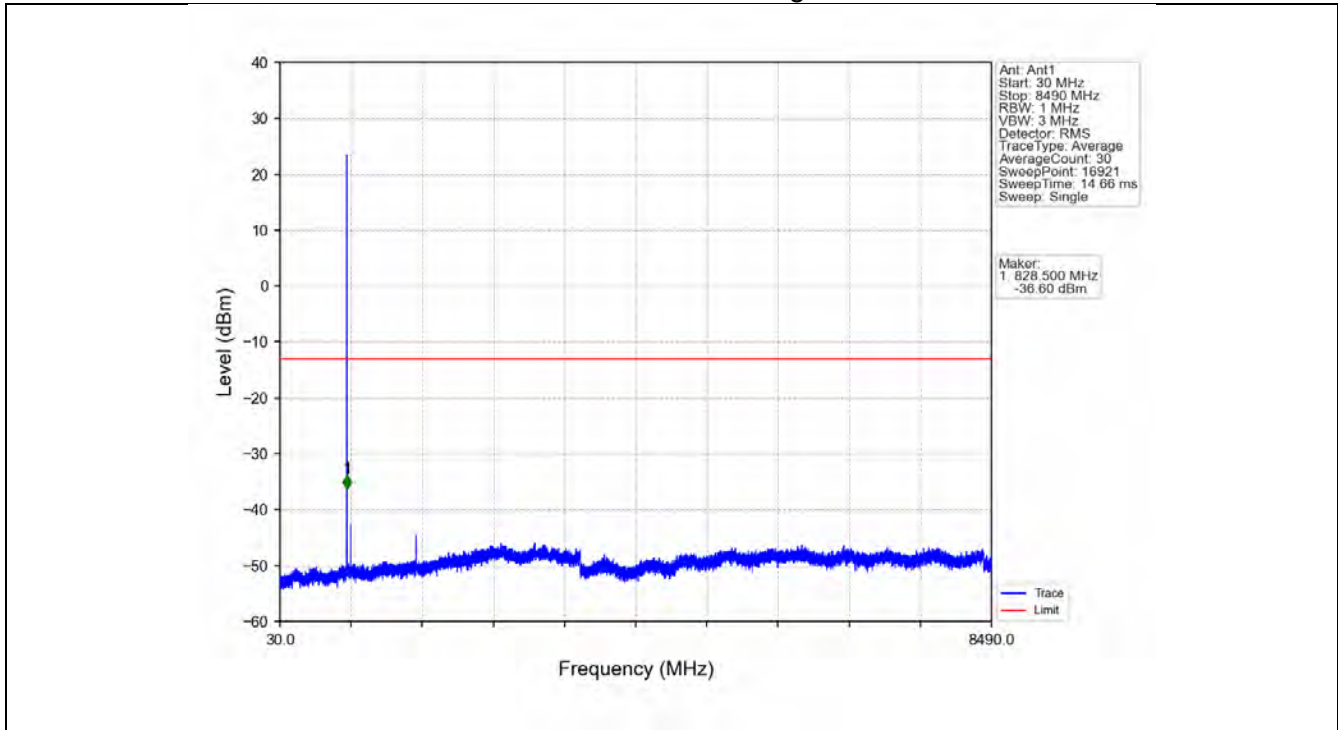
5.1.2 Test Graph



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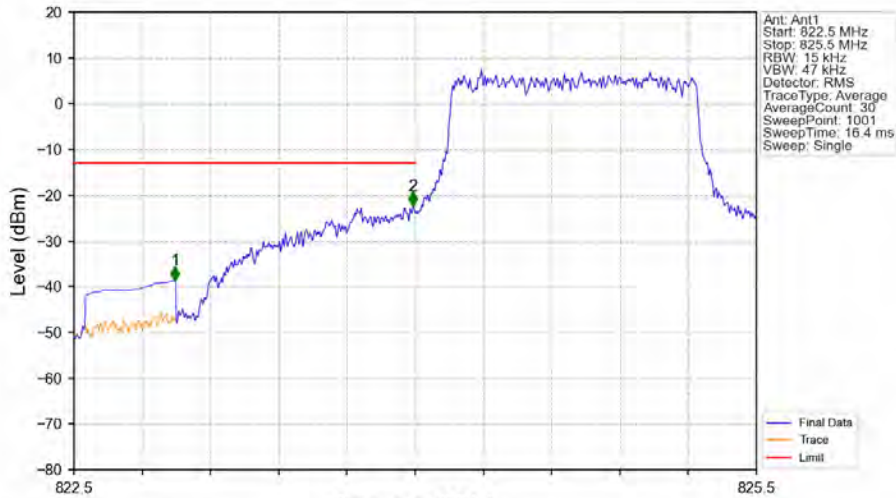


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Band5 1.4MHz QPSK LCH 824.7MHz_RB_6_0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.944	-38.67	-13	Pass
823	824	0.015	/	2	823.991	-22.36	-13	Pass
824	825.5	0.015	/	/	/	/	/	/

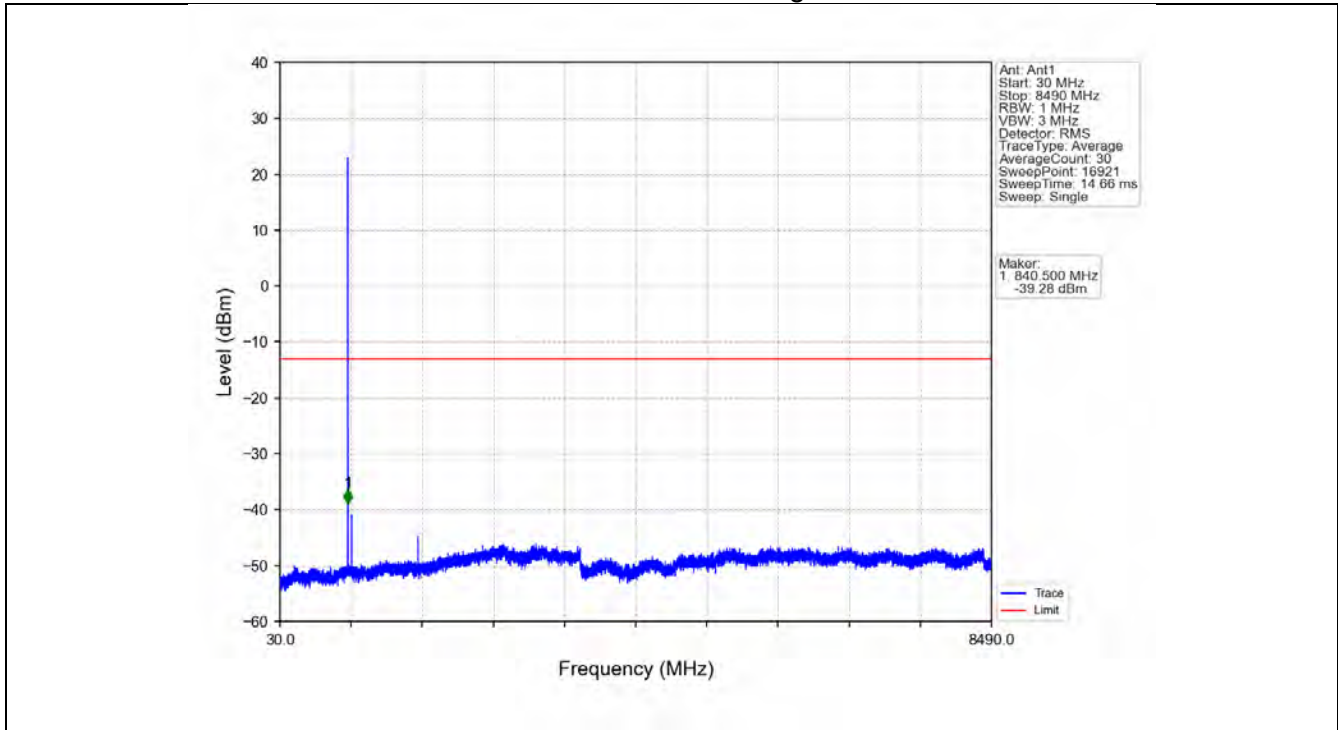
Band5 1.4MHz QPSK MCH 836.5MHz_RB_1_0 NTN



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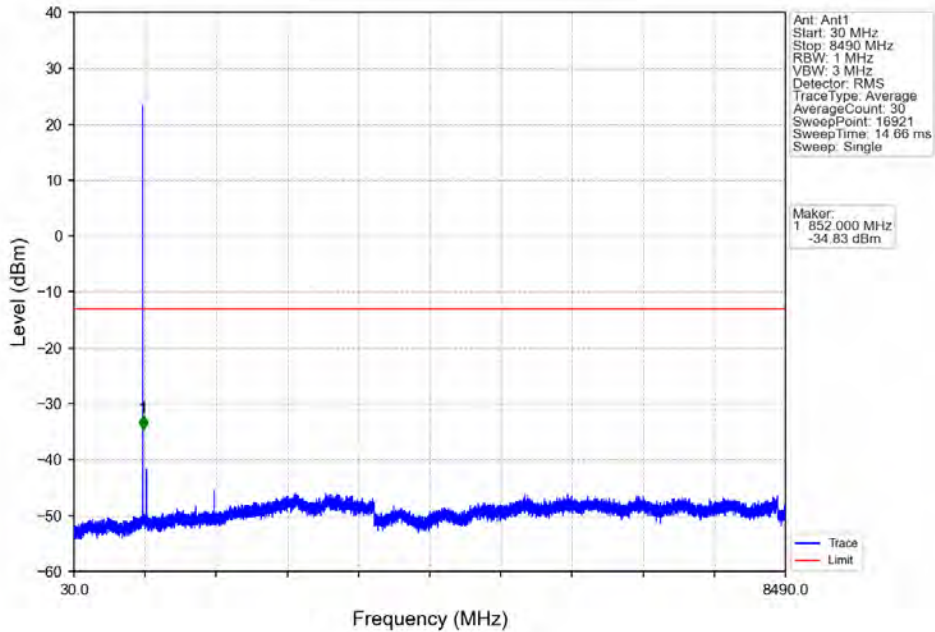


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Band5 1.4MHz QPSK HCH 848.3MHz RB 1_0 NTN



Band5 1.4MHz QPSK HCH 848.3MHz RB 1_5 NTN

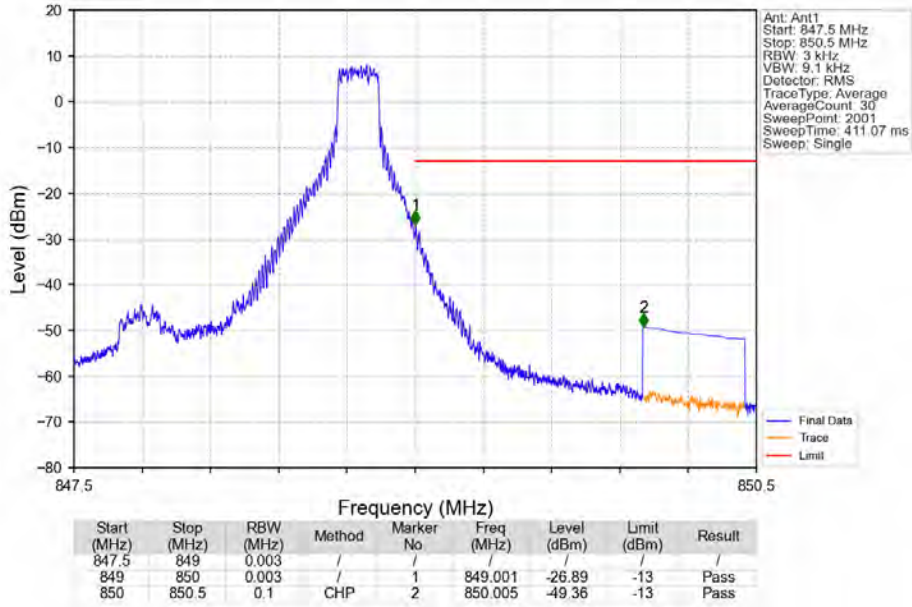


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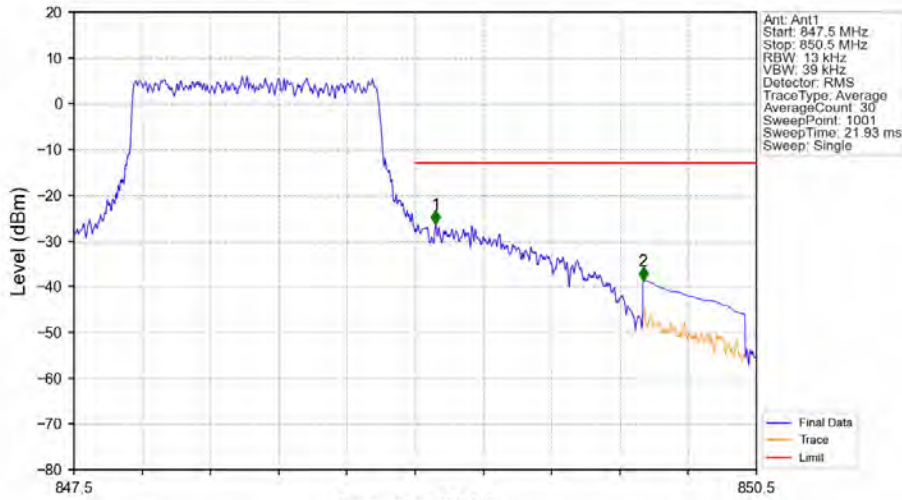


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Band5 1.4MHz QPSK HCH 848.3MHz RB 6_0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.090	-26.38	-13	Pass
850	850.5	0.1	CHP	2	850.002	-38.70	-13	Pass



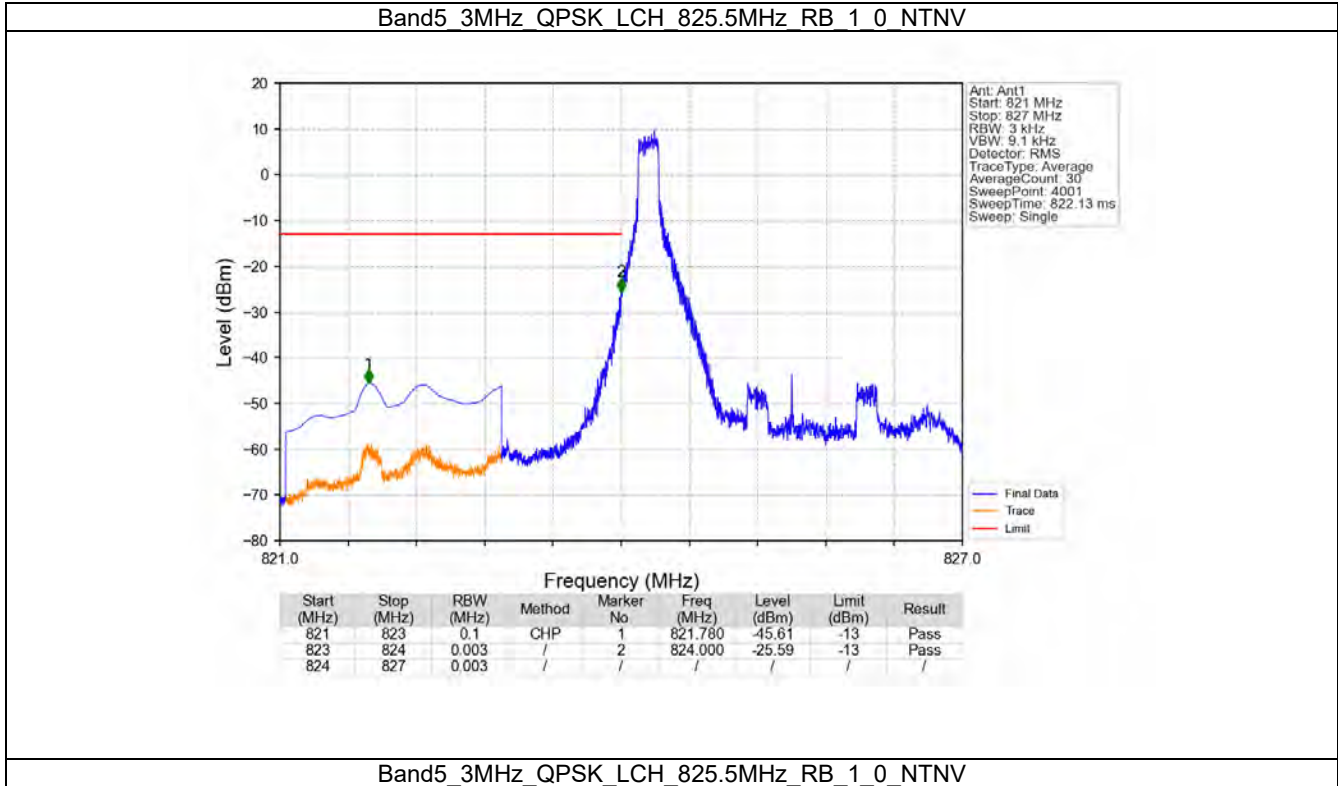
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5.2 B5_3MHz

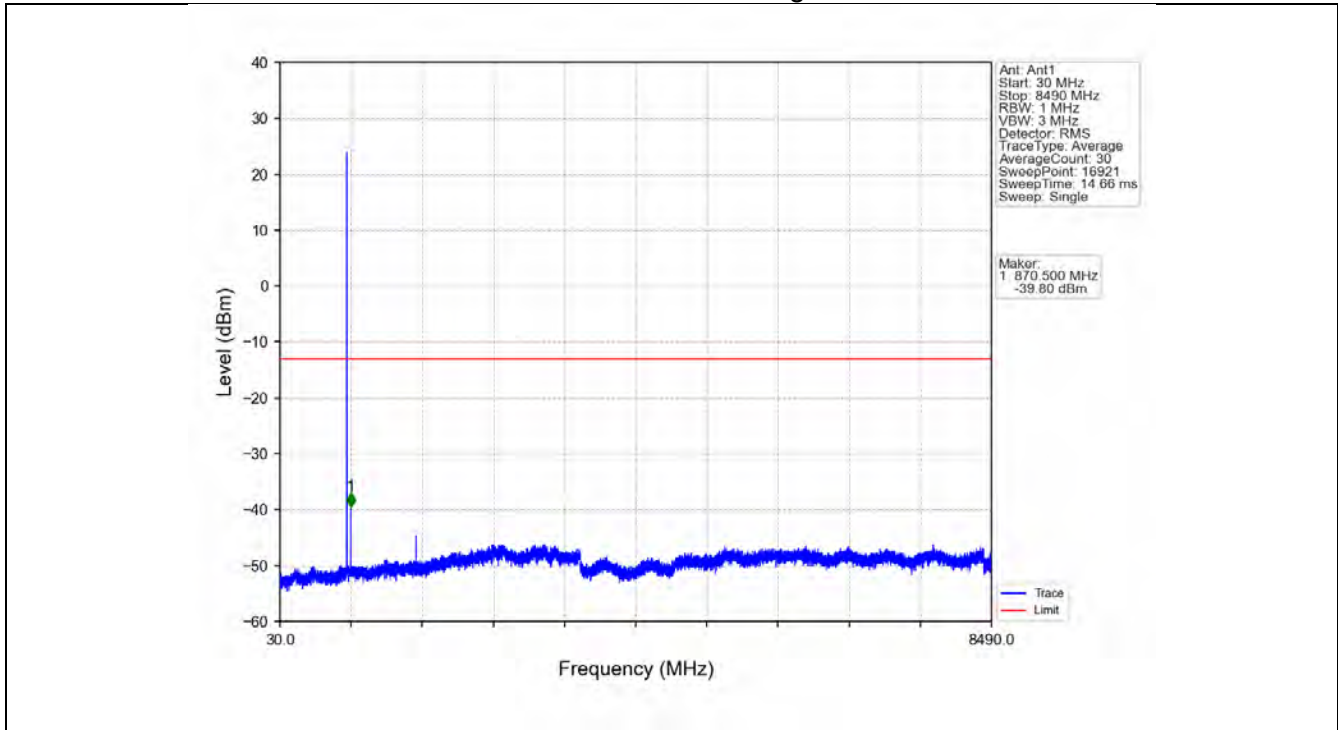
5.2.2 Test Graph



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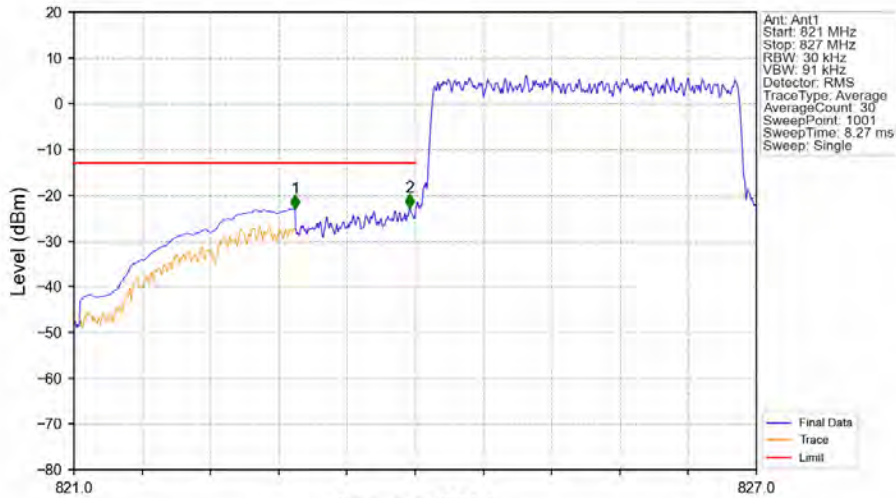


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Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-22.96	-13	Pass
823	824	0.03	/	2	823.952	-22.79	-13	Pass
824	827	0.03	/	/	/	/	/	/

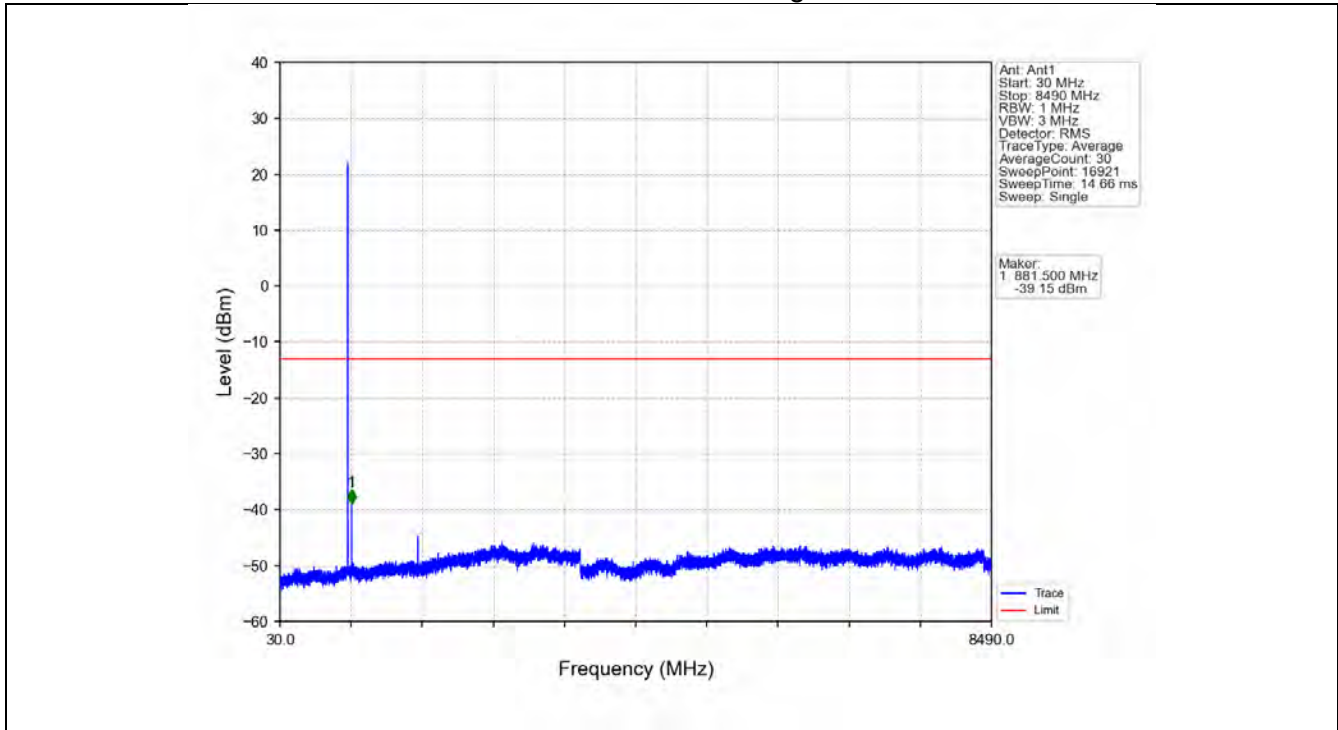
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



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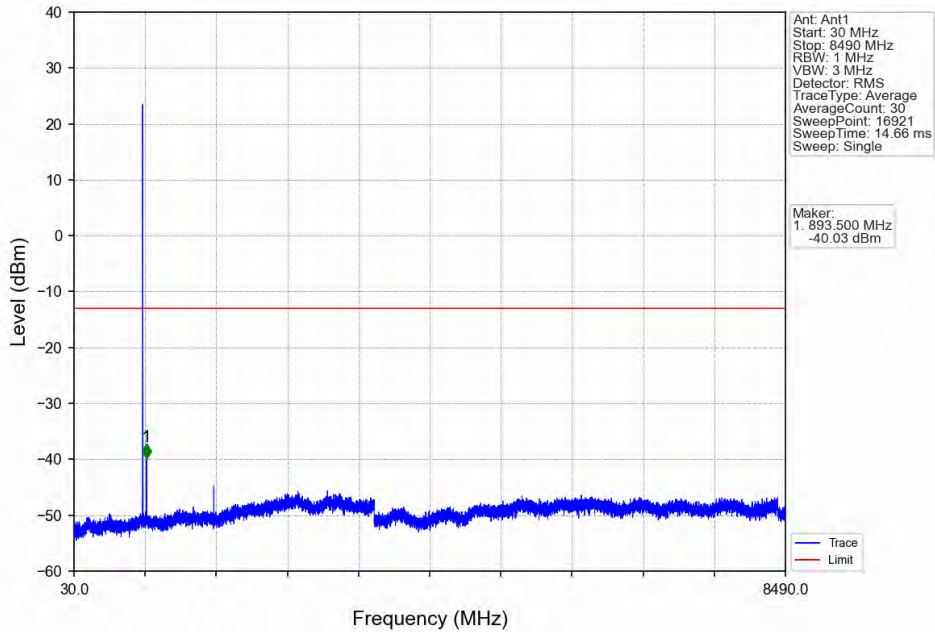


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Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



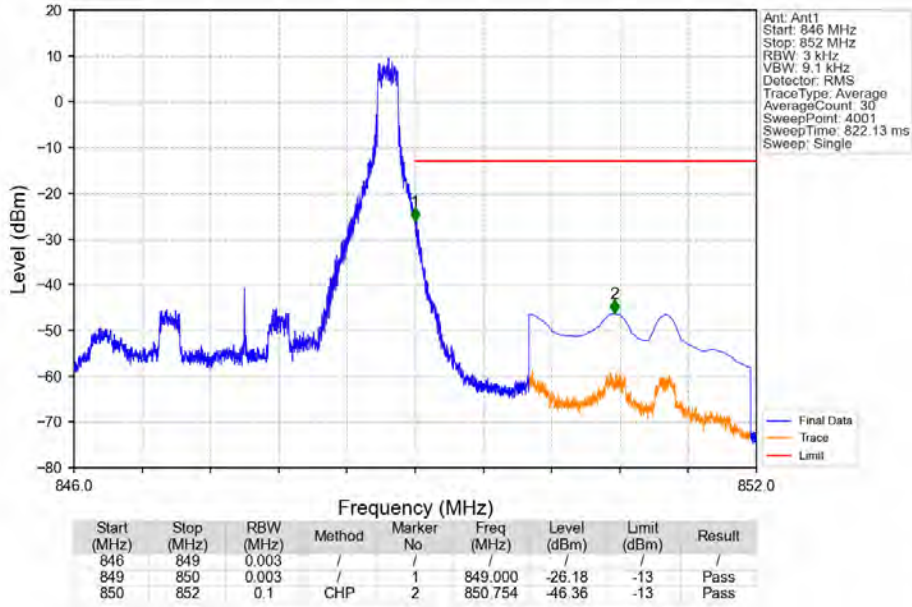
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



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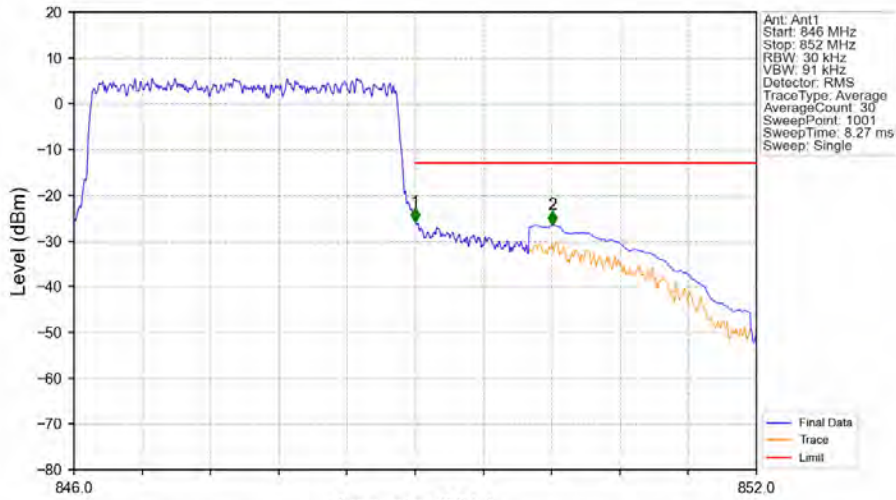
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Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



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	849.000	-25.90	-13	Pass
850	852	0.1	CHP	2	850.206	-26.49	-13	Pass



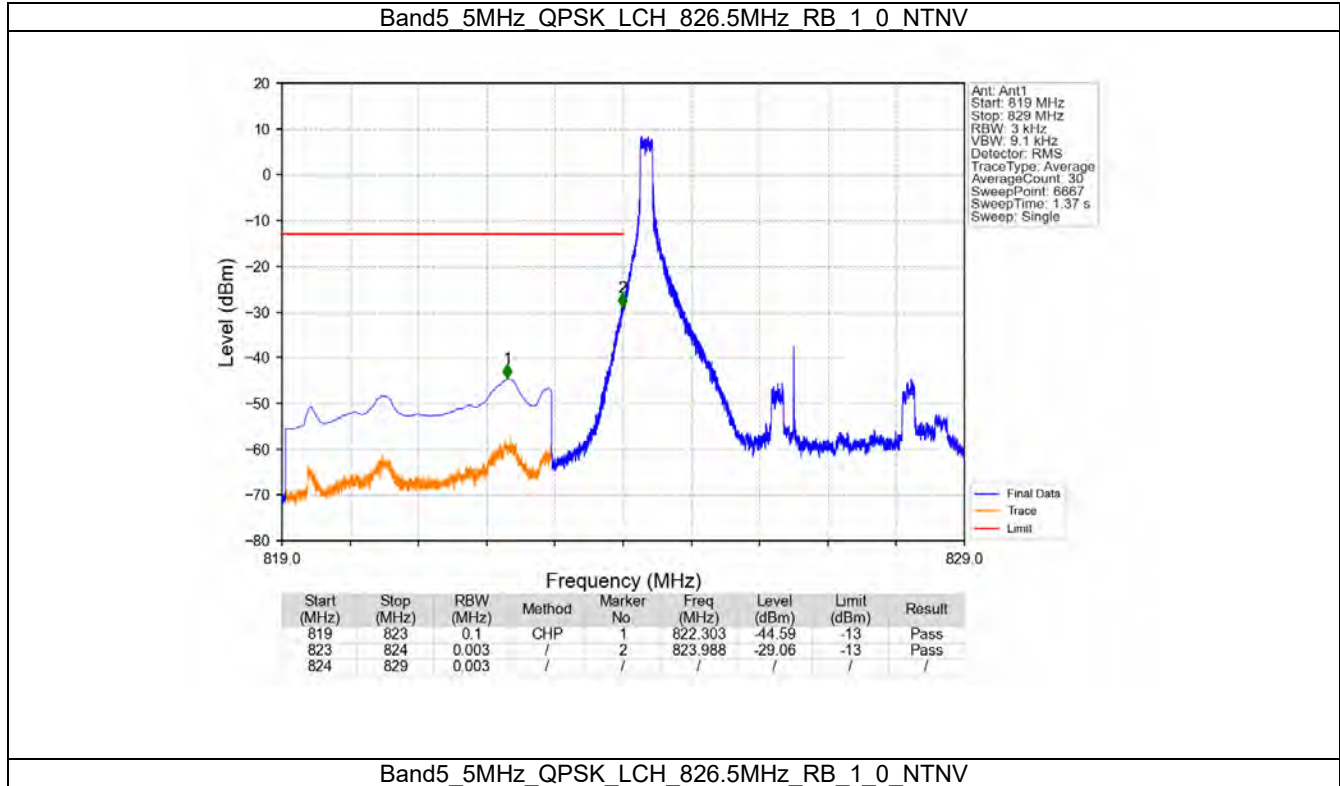
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5.3 B5_5MHz

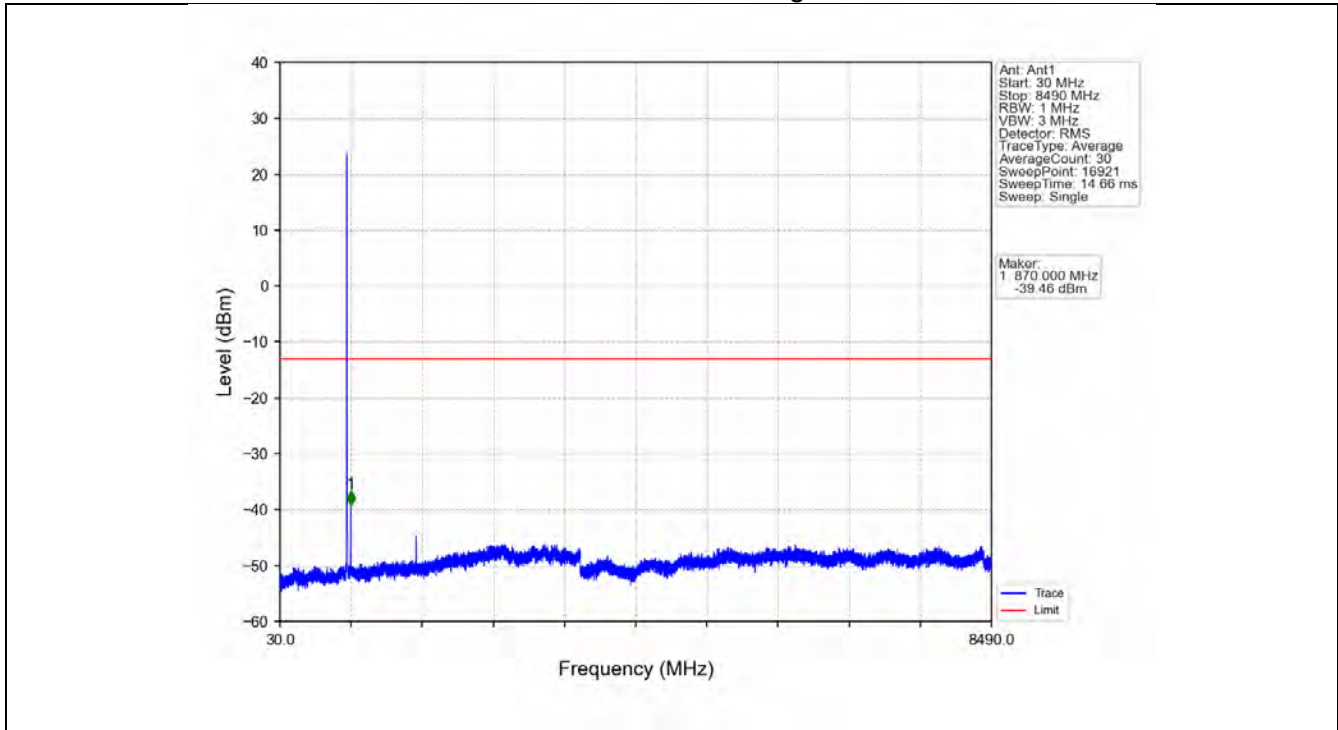
5.3.2 Test Graph



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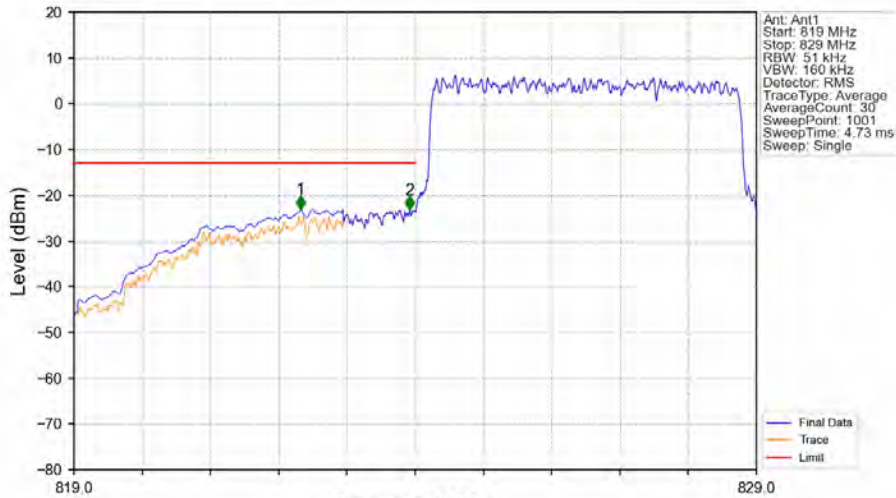


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Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.320	-23.12	-13	Pass
823	824	0.051	/	2	823.920	-23.20	-13	Pass
824	829	0.051	/	/	/	/	/	/

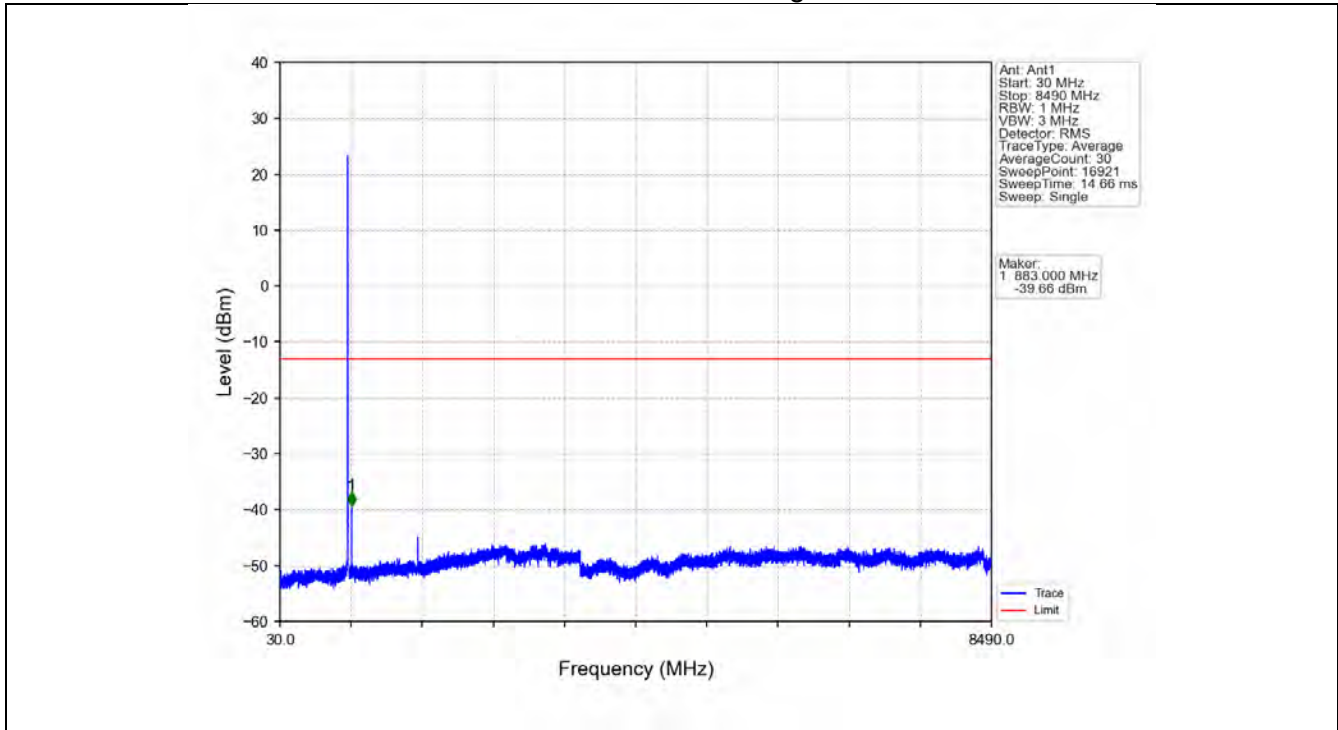
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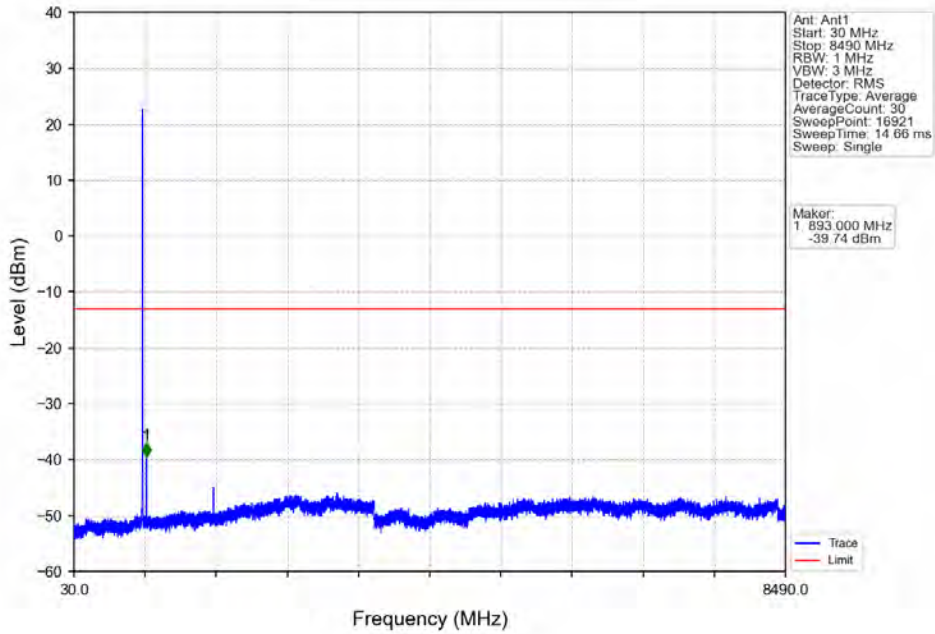


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Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV

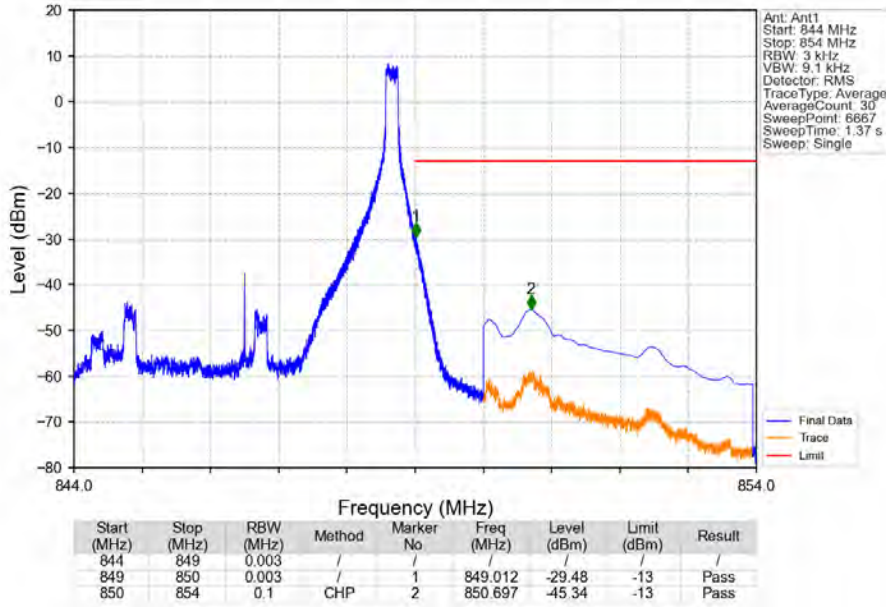


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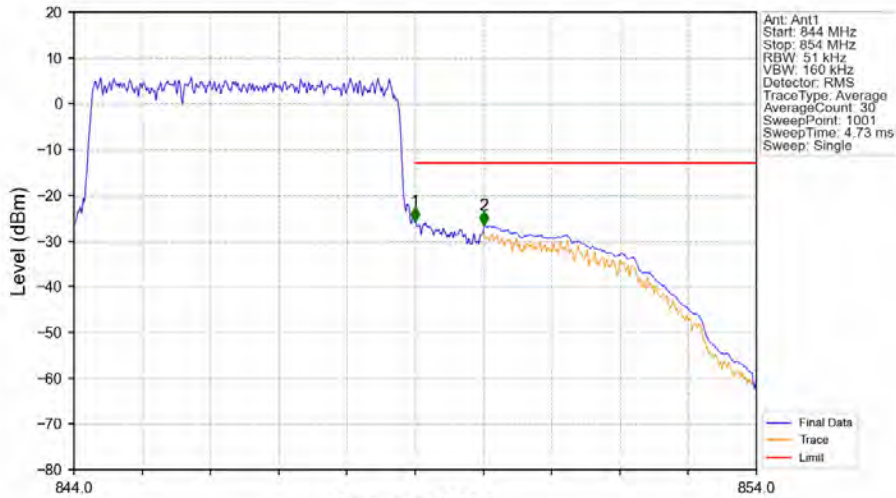


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Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	1	849.000	-25.69	-13	Pass
849	850	0.051	/	2	850.010	-26.53	-13	Pass
850	854	0.1	CHP					



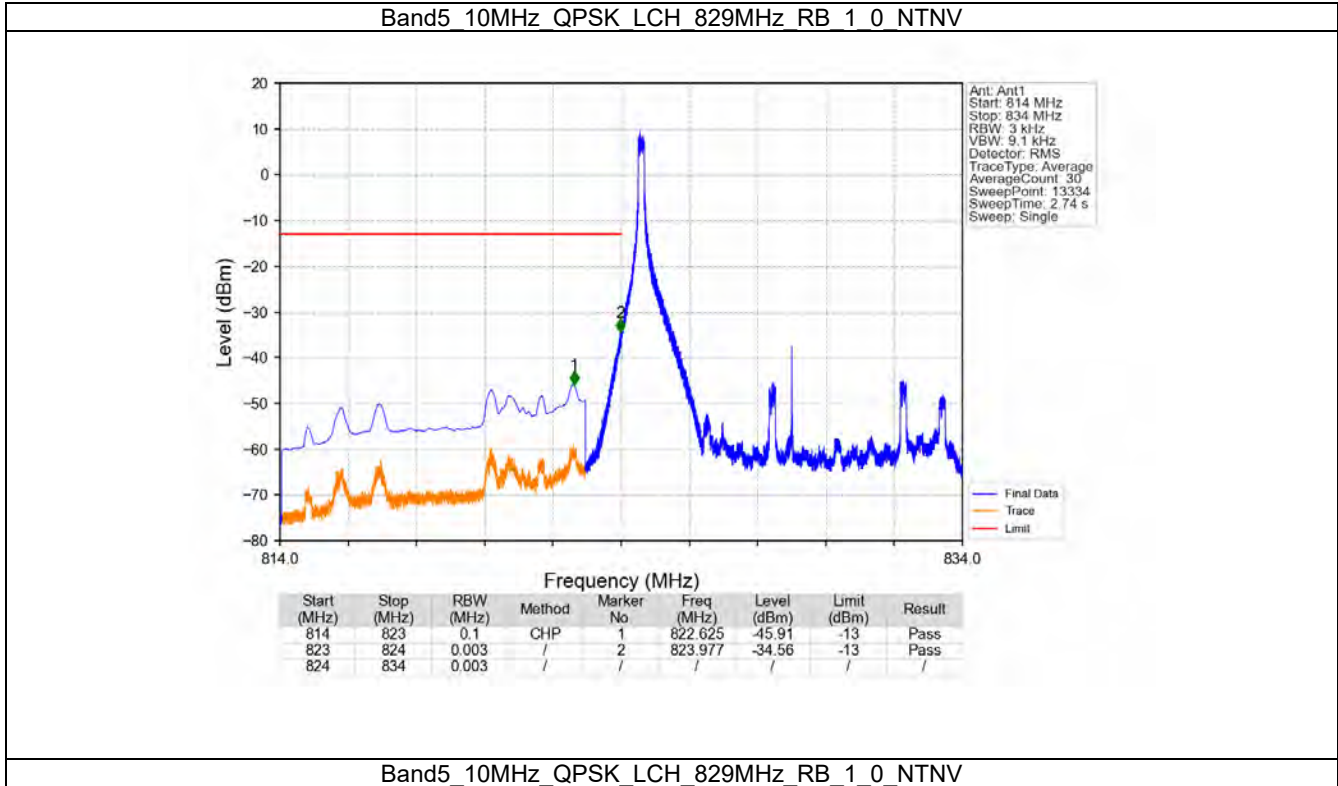
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5.4 B5_10MHz

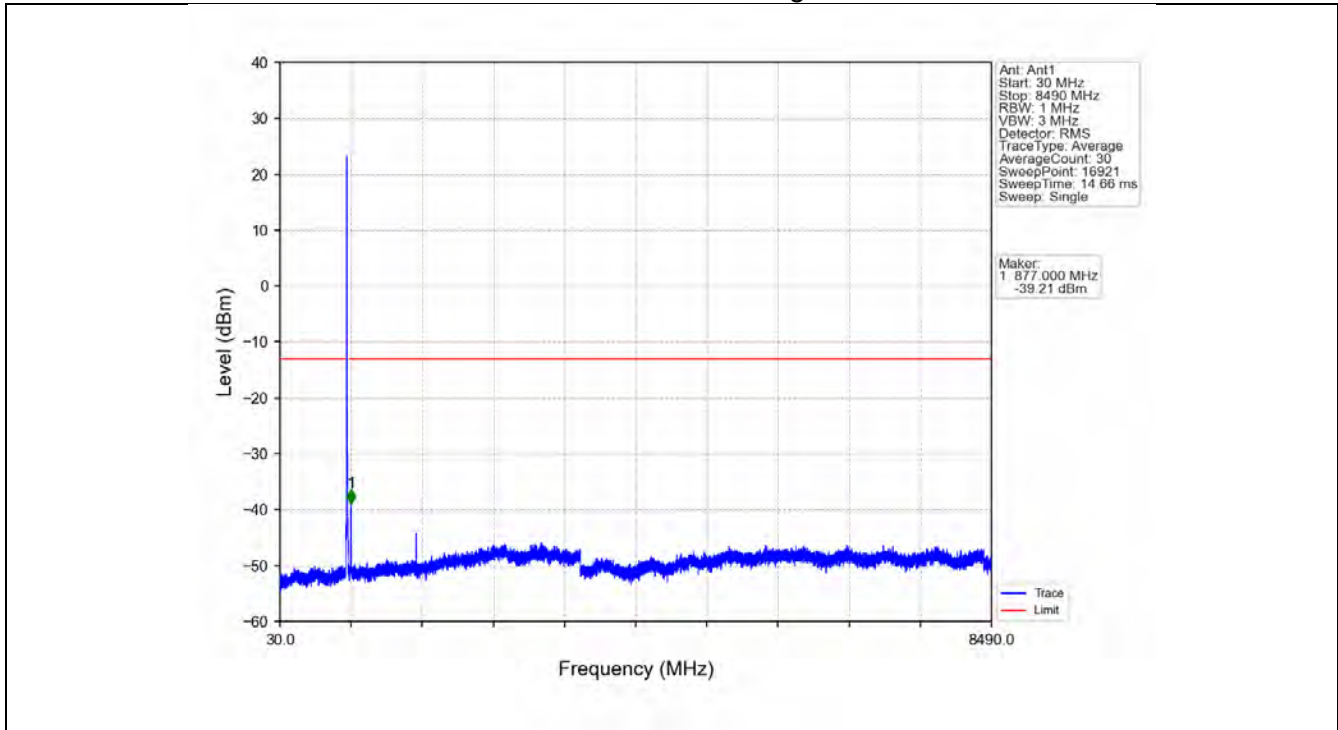
5.4.2 Test Graph



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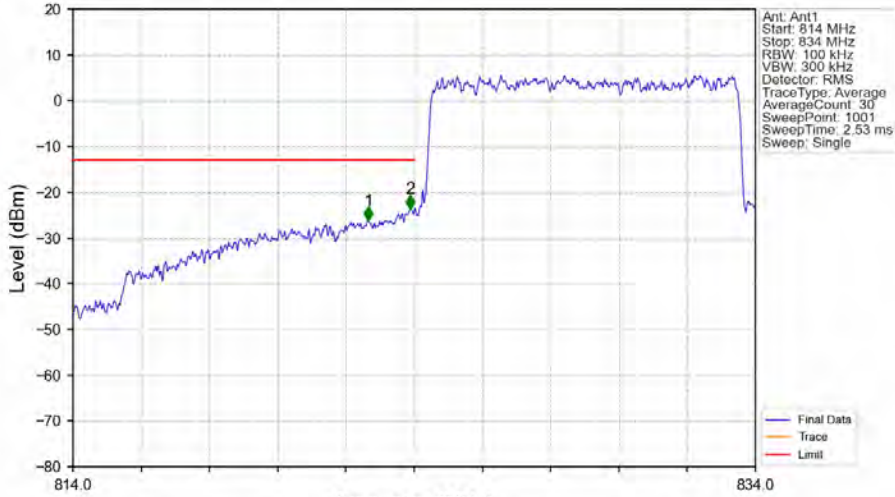


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Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.660	-26.27	-13	Pass
823	824	0.102	/	2	823.880	-23.66	-13	Pass
824	834	0.102	/	/	/	/	/	/

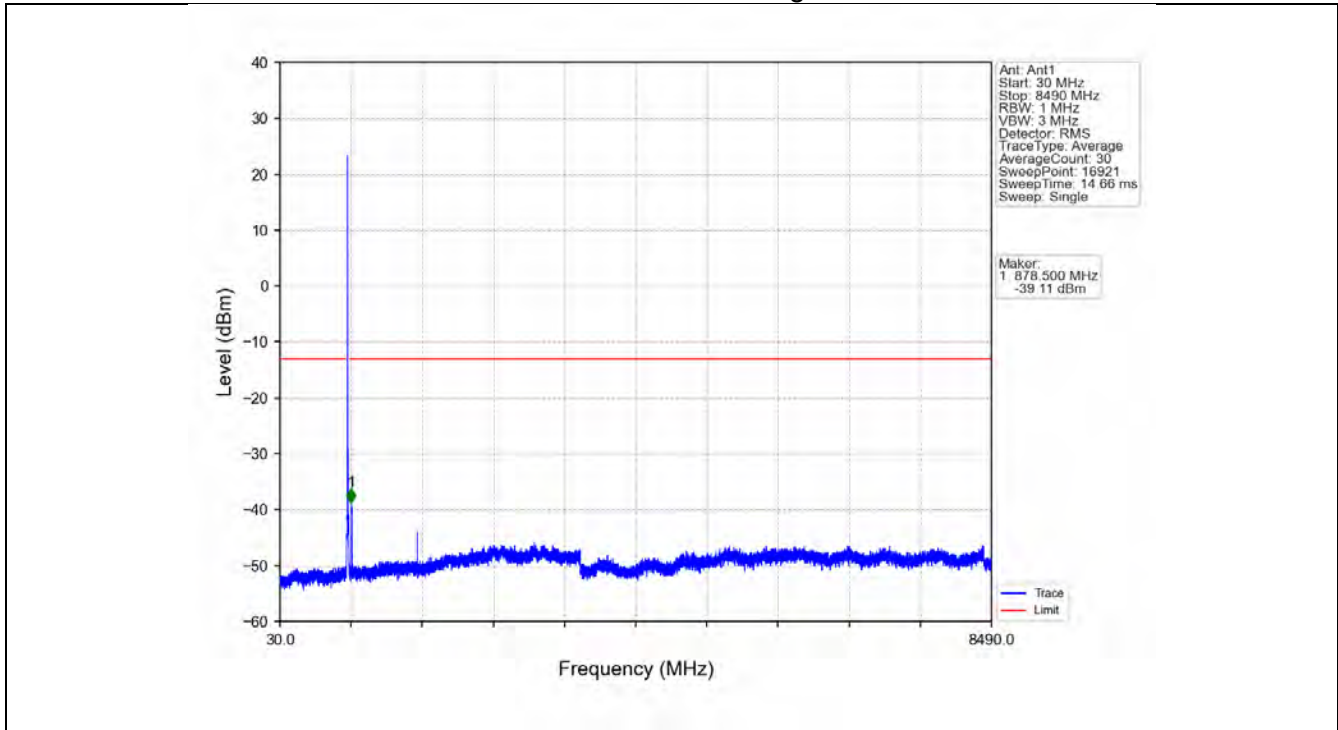
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



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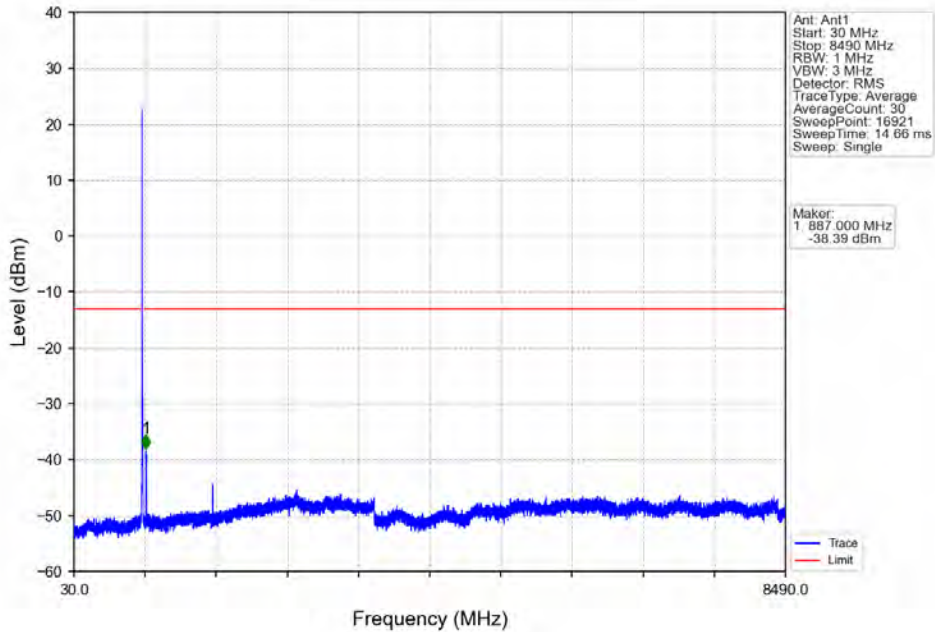


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Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV

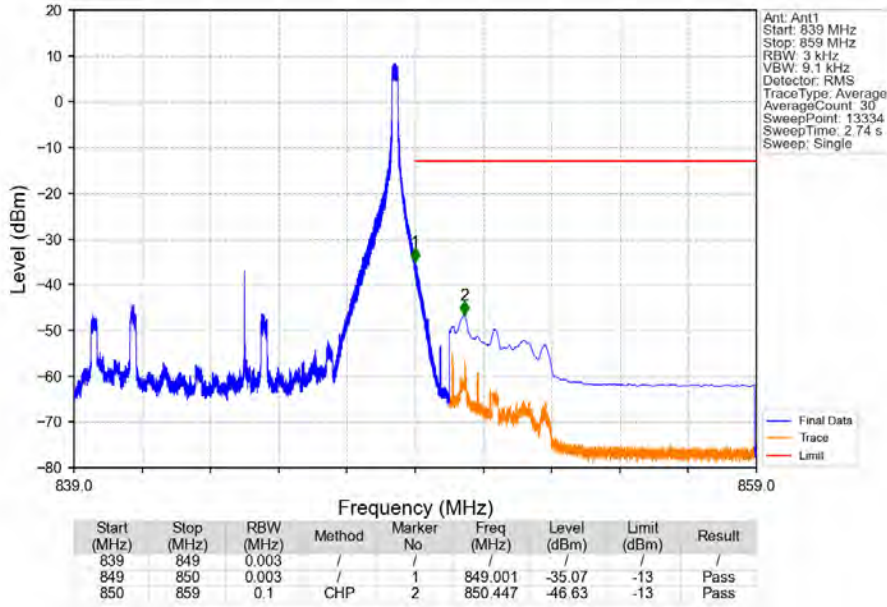


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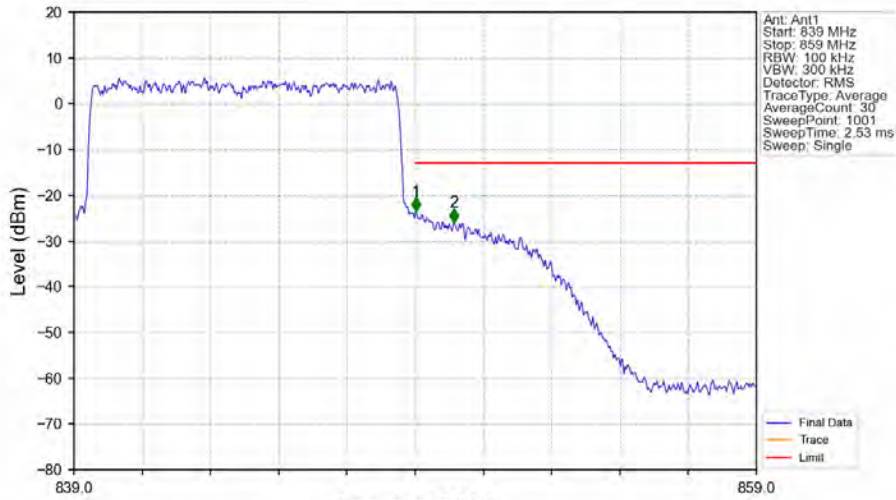


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Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.101	/	/	/	/	/	/
849	850	0.101	/	1	849.020	-23.60	-13	Pass
850	859	0.1	/	2	850.140	-25.95	-13	Pass



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6. Field Strength of Spurious Radiation

Test Band = LTE_B5
 Test Channel =LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649	66.34	-53.12	25.90	-56.14	-13.00	43.14	Horizontal
2	2474	85.22	-51.87	27.95	-33.96	-13.00	20.96	Horizontal
3	3298.5	55.04	-49.77	30.70	-59.29	-13.00	46.29	Horizontal
4	4123	68.38	-48.10	30.88	-44.10	-13.00	31.10	Horizontal
5	5772	54.21	-45.11	33.99	-52.17	-13.00	39.17	Horizontal
6	8048	49.54	-41.10	37.59	-49.23	-13.00	36.23	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649	57.23	-53.12	25.90	-65.25	-13.00	52.25	Vertical
2	2474	78.54	-51.87	27.95	-40.64	-13.00	27.64	Vertical
3	3298.5	53.78	-49.77	30.70	-60.55	-13.00	47.55	Vertical
4	4123	64.85	-48.10	30.88	-47.63	-13.00	34.63	Vertical
5	5772	58.26	-45.11	33.99	-48.12	-13.00	35.12	Vertical
6	7195.5	50.43	-43.14	37.10	-50.87	-13.00	37.87	Vertical



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Test Band = LTE_5
 Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1664	66.39	-52.81	25.87	-55.81	-13.00	42.81	Horizontal
2	2496.5	94.96	-51.21	27.99	-23.52	-13.00	10.52	Horizontal
3	4160.5	73.69	-47.20	31.18	-37.59	-13.00	24.59	Horizontal
4	4993	55.55	-44.01	33.11	-50.61	-13.00	37.61	Horizontal
5	5824.5	54.65	-44.55	34.10	-51.06	-13.00	38.06	Horizontal
6	7489	54.24	-42.63	36.62	-47.03	-13.00	34.03	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1664	60.85	-52.81	25.87	-61.35	-13.00	48.35	Vertical
2	2496.5	90.33	-51.21	27.99	-28.15	-13.00	15.15	Vertical
3	4160.5	69.53	-47.20	31.18	-41.75	-13.00	28.75	Vertical
4	5824.5	54.37	-44.55	34.10	-51.34	-13.00	38.34	Vertical
5	7489	53.17	-42.63	36.62	-48.10	-13.00	35.10	Vertical
6	9021.5	49.88	-40.52	38.76	-47.14	-13.00	34.14	Vertical



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Test Band = LTE_5
 Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1679	63.77	-52.74	25.84	-58.39	-13.00	45.39	Horizontal
2	2518.5	91.46	-51.09	28.11	-26.78	-13.00	13.78	Horizontal
3	4198	72.19	-47.42	31.48	-39.01	-13.00	26.01	Horizontal
4	5876.5	59.72	-44.37	34.21	-45.70	-13.00	32.70	Horizontal
5	7556.5	53.15	-42.08	36.79	-47.40	-13.00	34.40	Horizontal
6	9005.5	50.12	-40.77	38.79	-47.12	-13.00	34.12	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1679	61.35	-52.74	25.84	-60.81	-13.00	47.81	Vertical
2	2519	89.50	-51.09	28.11	-28.74	-13.00	15.74	Vertical
3	4198.5	65.94	-47.42	31.49	-45.25	-13.00	32.25	Vertical
4	5877	55.95	-44.36	34.21	-49.46	-13.00	36.46	Vertical
5	7370.5	51.80	-42.69	36.86	-49.29	-13.00	36.29	Vertical
6	9061	49.79	-40.22	38.70	-46.99	-13.00	33.99	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



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