



Report No.: SUCR240200003402
Rev.: 01
Page: 1 of 191

Appendix B.14

LTE Band 26(824-849)



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1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band26	1.4MHz	QPSK	26797	1RB#0	23.6	19.85	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#2	23.68	19.93	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#5	23.74	19.99	38.45	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	22.54	18.79	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	24.5	20.75	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#2	23.56	19.81	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#5	23.52	19.77	38.45	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	22.53	18.78	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	24.1	20.35	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#2	23.63	19.88	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	23.78	20.03	38.45	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	22.67	18.92	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	22.68	18.93	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#2	22.82	19.07	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#5	22.65	18.9	38.45	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	21.68	17.93	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	22.6	18.85	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#2	22.89	19.14	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#5	22.72	18.97	38.45	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	21.67	17.92	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	22.86	19.11	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#2	22.7	18.95	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#5	22.57	18.82	38.45	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	21.56	17.81	38.45	PASS
Band26	1.4MHz	64QAM	26797	1RB#0	21.92	18.17	38.45	PASS



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Table with 9 columns: Band, Frequency, Modulation, Channel, BER, C/N, Error Rate, SNR, and Result. It contains 30 rows of test data for various configurations.



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Table with 9 columns: Band, Frequency, Modulation, Power Spectral Density, Reference Bandwidth, Reference Power Spectral Density, Measured Power Spectral Density, and Result. Rows include various configurations for Band 26 at 3MHz and 5MHz with different modulation schemes (16QAM, 64QAM, QPSK) and RB values.



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Table with 9 columns: Band, Frequency, Modulation, Channel, Bandwidth, SNR, BER, Error Rate, and Result. It contains 30 rows of test data for various modulation schemes (QPSK, 16QAM, 64QAM) and bandwidths (5MHz, 10MHz) across different channels.



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Table with 9 columns: Band, Frequency, Modulation, Power, BER, SNR, SIN, and Pass/Fail. It lists 30 test results for various modulation schemes (QPSK, 16QAM, 64QAM) and power levels (1RB, 50RB) at 10MHz.



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Table with 9 columns: Band, Frequency, Modulation, Power, RB, C1, C2, C3, Result. Contains 30 rows of test data for Band 26 across various frequencies and modulation schemes.



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Report No.: SUCR240200003402
Rev.: 01
Page: 8 of 191

Table with 9 columns: Band, Frequency, Modulation, Power, RB, SNR, C/N, BER, Result. Contains 12 rows of test data for Band26 at 15MHz with 64QAM modulation.



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2. Frequency Stability

2.1 Test Result

2.1.1 B26b_15MHz

Band: 26b / Bandwidth: 15MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	836.5	75	0	20	3.5	-2.168	-0.0026	-2.5 to 2.5	Pass	
					3.87	-0.471	-0.0006	-2.5 to 2.5	Pass	
					4.45	-2.110	-0.0025	-2.5 to 2.5	Pass	
				-30	3.87	-1.718	-0.0021	-2.5 to 2.5	Pass	
					-20	3.87	0.705	0.0008	-2.5 to 2.5	Pass
						-10	3.87	-0.218	-0.0003	-2.5 to 2.5
					0	3.87	0.325	0.0004	-2.5 to 2.5	Pass
					10	3.87	-0.173	-0.0002	-2.5 to 2.5	Pass
					30	3.87	-1.337	-0.0016	-2.5 to 2.5	Pass
					40	3.87	-2.771	-0.0033	-2.5 to 2.5	Pass
50	3.87	-1.344	-0.0016	-2.5 to 2.5	Pass					



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3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band26b_OBW

Band: 26b / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.115	/	Pass
		836.5	6	0	1.113	/	Pass
		848.3	6	0	1.110	/	Pass
	16QAM	824.7	6	0	1.104	/	Pass
		836.5	6	0	1.105	/	Pass
		848.3	6	0	1.105	/	Pass
	64QAM	824.7	6	0	1.112	/	Pass
		836.5	6	0	1.107	/	Pass
		848.3	6	0	1.118	/	Pass
3	QPSK	825.5	15	0	2.743	/	Pass
		836.5	15	0	2.741	/	Pass
		847.5	15	0	2.728	/	Pass
	16QAM	825.5	15	0	2.726	/	Pass
		836.5	15	0	2.719	/	Pass
		847.5	15	0	2.732	/	Pass
	64QAM	825.5	15	0	2.720	/	Pass
		836.5	15	0	2.723	/	Pass
		847.5	15	0	2.724	/	Pass
5	QPSK	826.5	25	0	4.554	/	Pass
		836.5	25	0	4.550	/	Pass
		846.5	25	0	4.544	/	Pass
	16QAM	826.5	25	0	4.527	/	Pass
		836.5	25	0	4.561	/	Pass
		846.5	25	0	4.546	/	Pass
	64QAM	826.5	25	0	4.532	/	Pass
		836.5	25	0	4.552	/	Pass
		846.5	25	0	4.540	/	Pass
10	QPSK	829	50	0	9.035	/	Pass
		836.5	50	0	9.045	/	Pass
		844	50	0	9.046	/	Pass
	16QAM	829	50	0	9.066	/	Pass
		836.5	50	0	9.056	/	Pass
		844	50	0	9.006	/	Pass
	64QAM	829	50	0	9.047	/	Pass
		836.5	50	0	9.053	/	Pass
		844	50	0	9.035	/	Pass
15	QPSK	831.5	75	0	13.591	/	Pass
		836.5	75	0	13.580	/	Pass
		841.5	75	0	13.529	/	Pass



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Report No.: SUCR240200003402

Rev.: 01

Page: 11 of 191

	16QAM	831.5	75	0	13.570	/	Pass
		836.5	75	0	13.577	/	Pass
		841.5	75	0	13.577	/	Pass
	64QAM	831.5	75	0	13.554	/	Pass
		836.5	75	0	13.609	/	Pass
		841.5	75	0	13.564	/	Pass



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3.1.2 Band26b_XDB

Band: 26b / NTNv							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.343	/	Pass
		836.5	6	0	1.319	/	Pass
		848.3	6	0	1.327	/	Pass
	16QAM	824.7	6	0	1.315	/	Pass
		836.5	6	0	1.318	/	Pass
		848.3	6	0	1.305	/	Pass
	64QAM	824.7	6	0	1.343	/	Pass
		836.5	6	0	1.300	/	Pass
		848.3	6	0	1.343	/	Pass
3	QPSK	825.5	15	0	2.996	/	Pass
		836.5	15	0	3.014	/	Pass
		847.5	15	0	3.010	/	Pass
	16QAM	825.5	15	0	3.022	/	Pass
		836.5	15	0	3.016	/	Pass
		847.5	15	0	3.034	/	Pass
	64QAM	825.5	15	0	2.985	/	Pass
		836.5	15	0	3.018	/	Pass
		847.5	15	0	3.006	/	Pass
5	QPSK	826.5	25	0	5.059	/	Pass
		836.5	25	0	5.091	/	Pass
		846.5	25	0	5.027	/	Pass
	16QAM	826.5	25	0	5.034	/	Pass
		836.5	25	0	5.058	/	Pass
		846.5	25	0	5.056	/	Pass
	64QAM	826.5	25	0	5.048	/	Pass
		836.5	25	0	5.092	/	Pass
		846.5	25	0	5.054	/	Pass
10	QPSK	829	50	0	9.951	/	Pass
		836.5	50	0	9.900	/	Pass
		844	50	0	9.935	/	Pass
	16QAM	829	50	0	9.944	/	Pass
		836.5	50	0	10.059	/	Pass
		844	50	0	9.915	/	Pass
	64QAM	829	50	0	9.933	/	Pass
		836.5	50	0	9.891	/	Pass
		844	50	0	9.935	/	Pass
15	QPSK	831.5	75	0	14.967	/	Pass
		836.5	75	0	14.965	/	Pass
		841.5	75	0	14.957	/	Pass
	16QAM	831.5	75	0	14.845	/	Pass
		836.5	75	0	14.943	/	Pass
		841.5	75	0	14.963	/	Pass
	64QAM	831.5	75	0	14.834	/	Pass
		836.5	75	0	14.949	/	Pass



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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR240200003402

Rev.: 01

Page: 13 of 191

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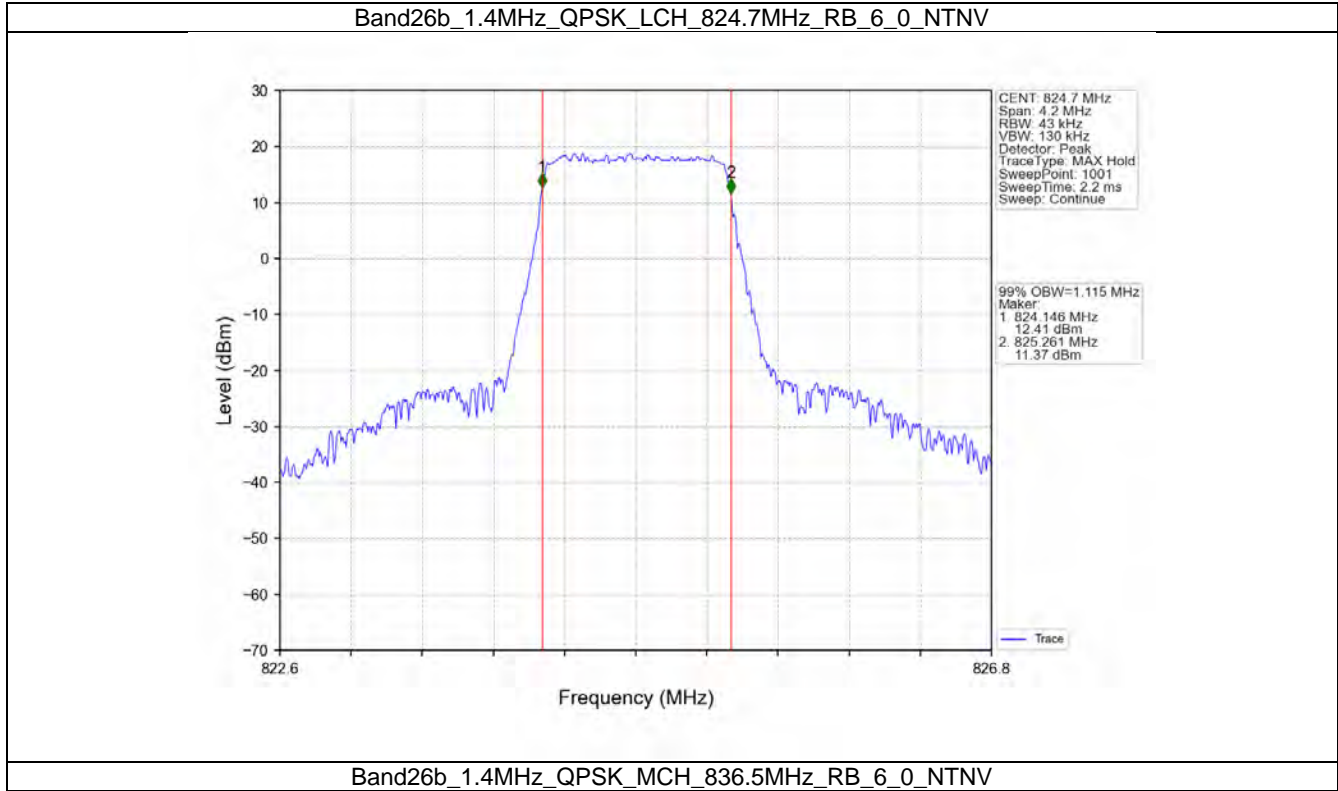
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3.2 Test Graph

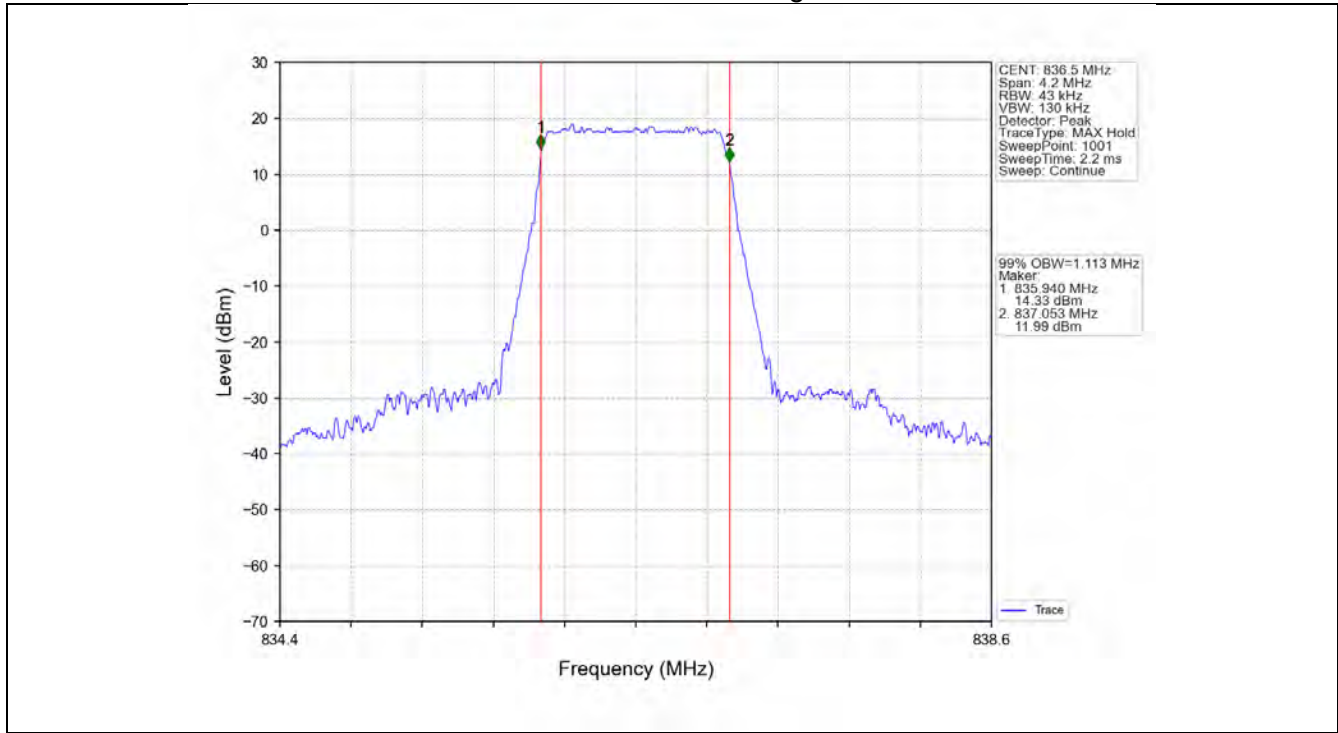
3.2.1 Band26b_OBW



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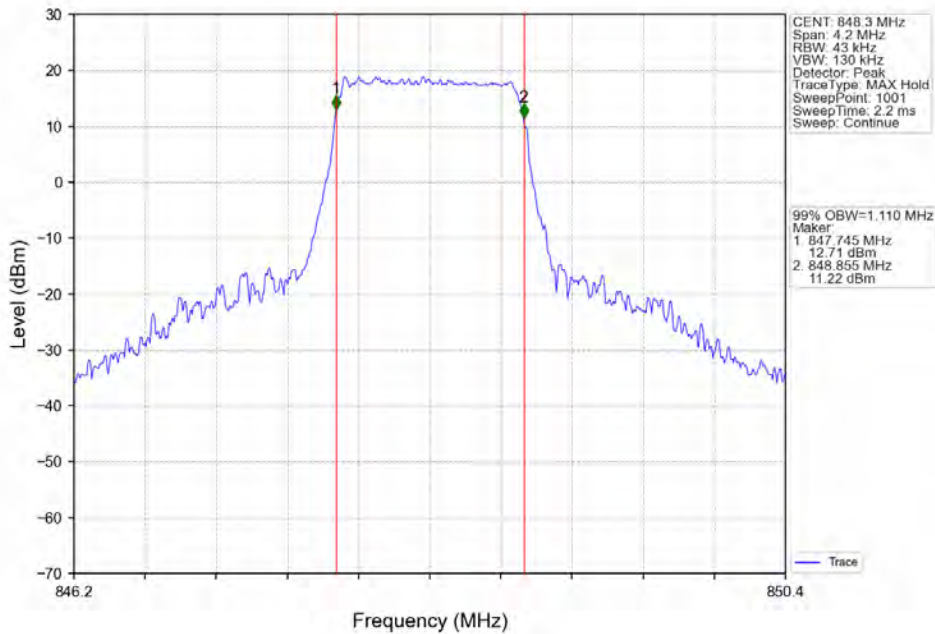


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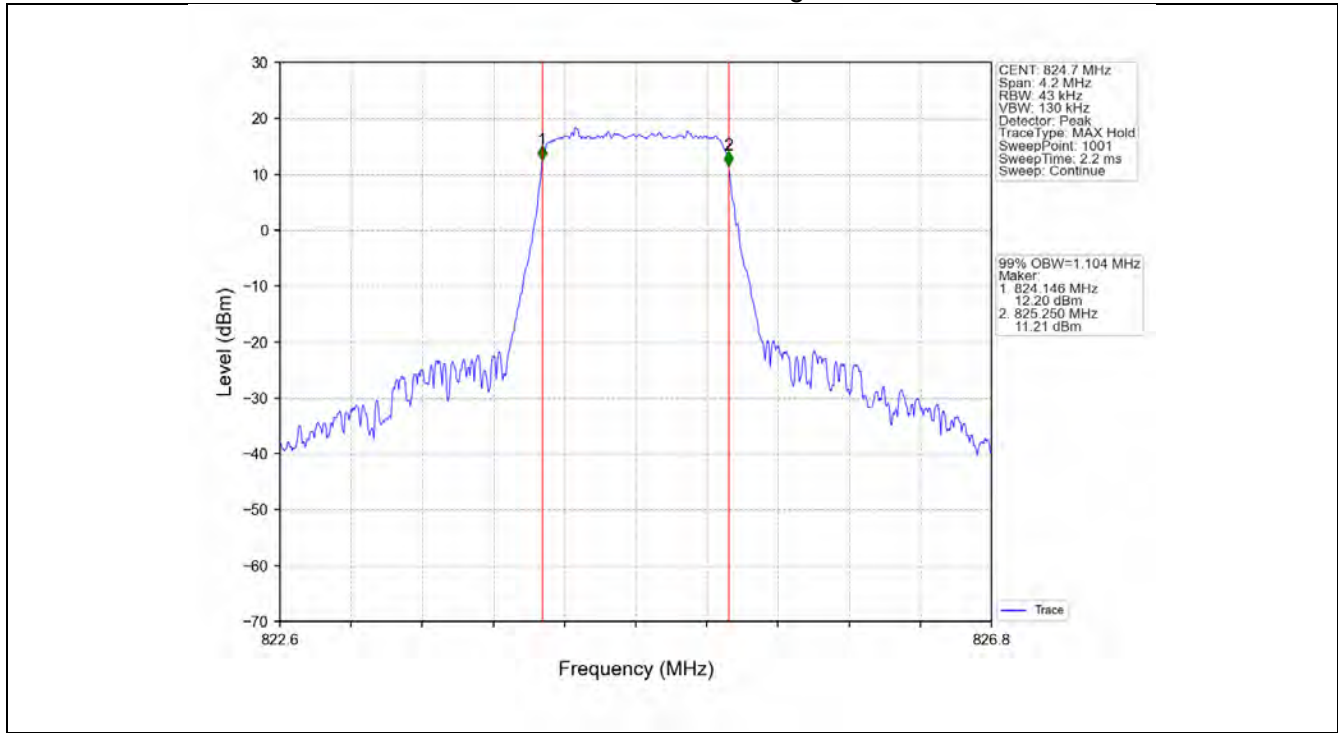
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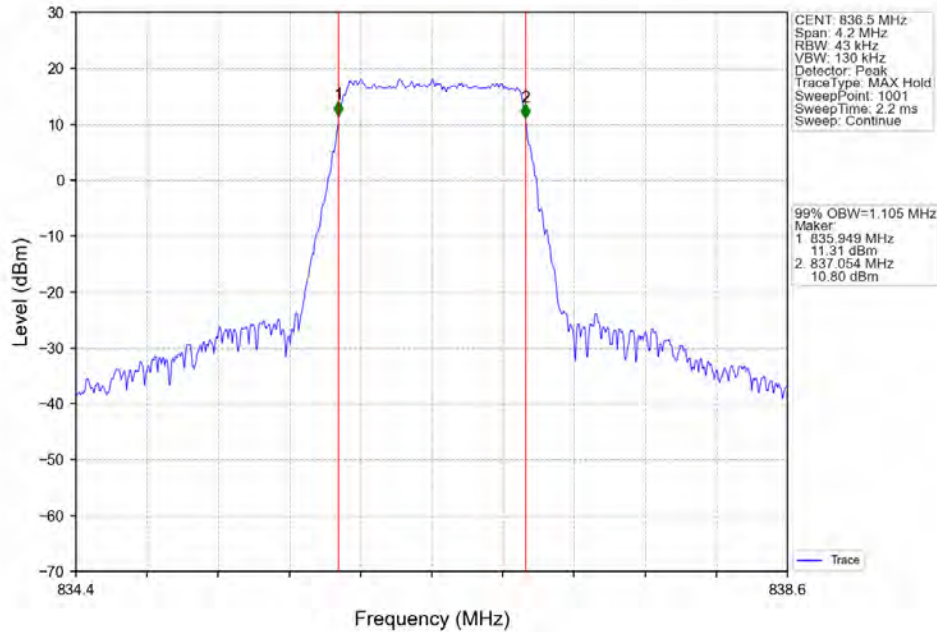


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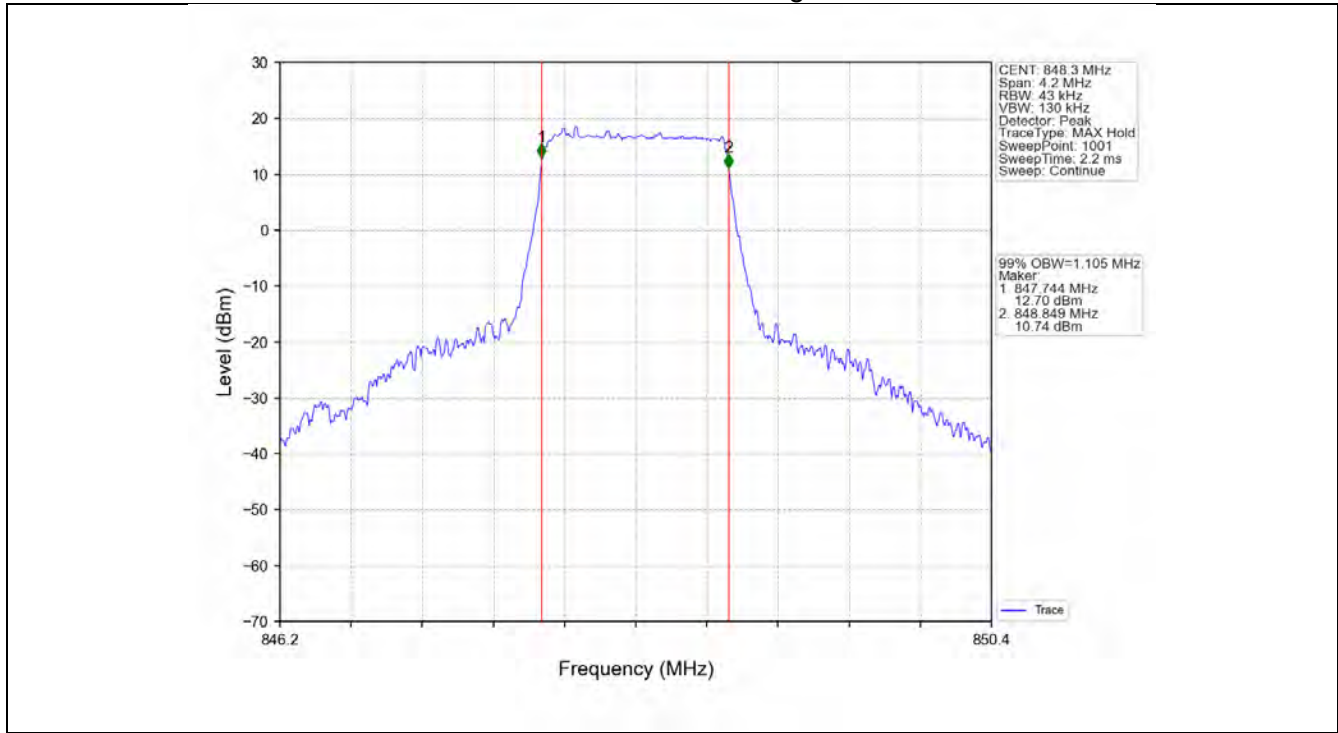
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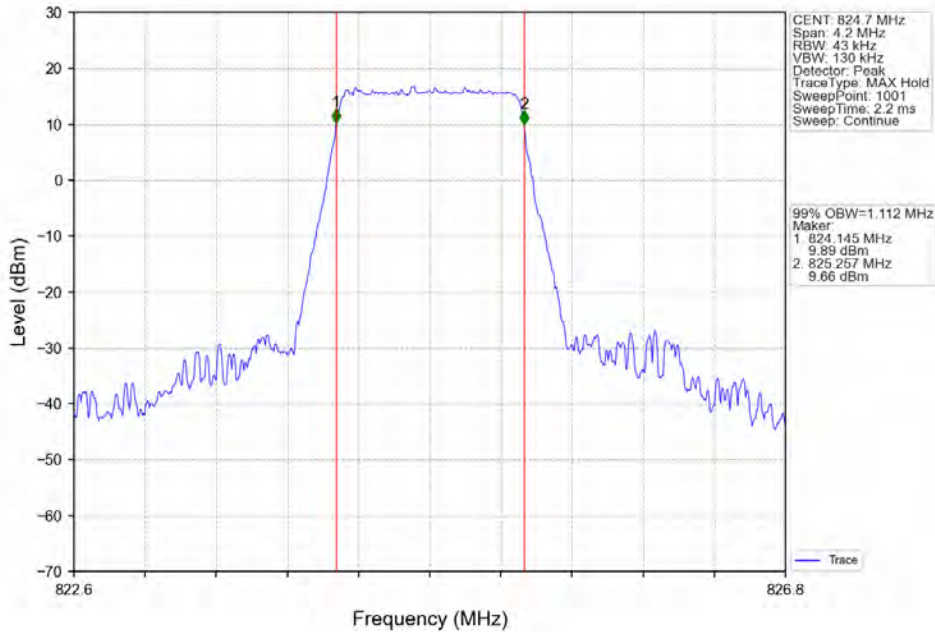


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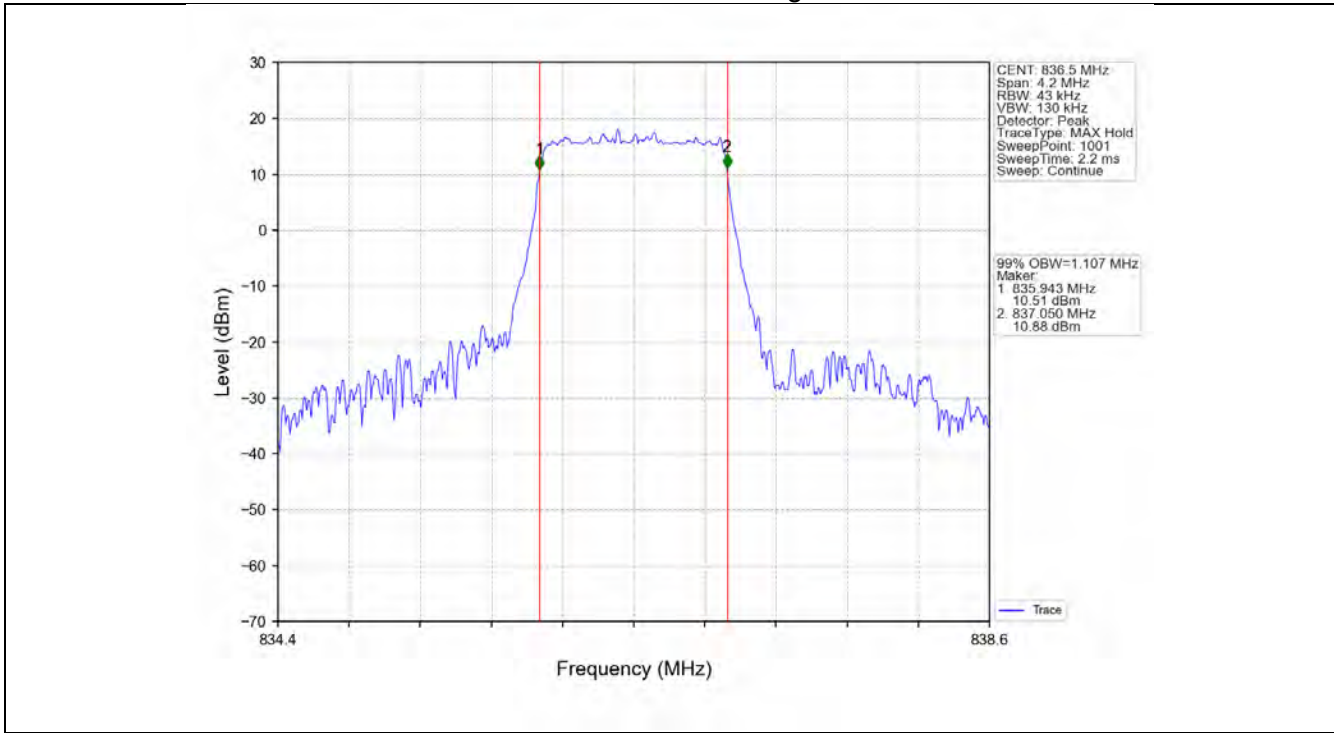
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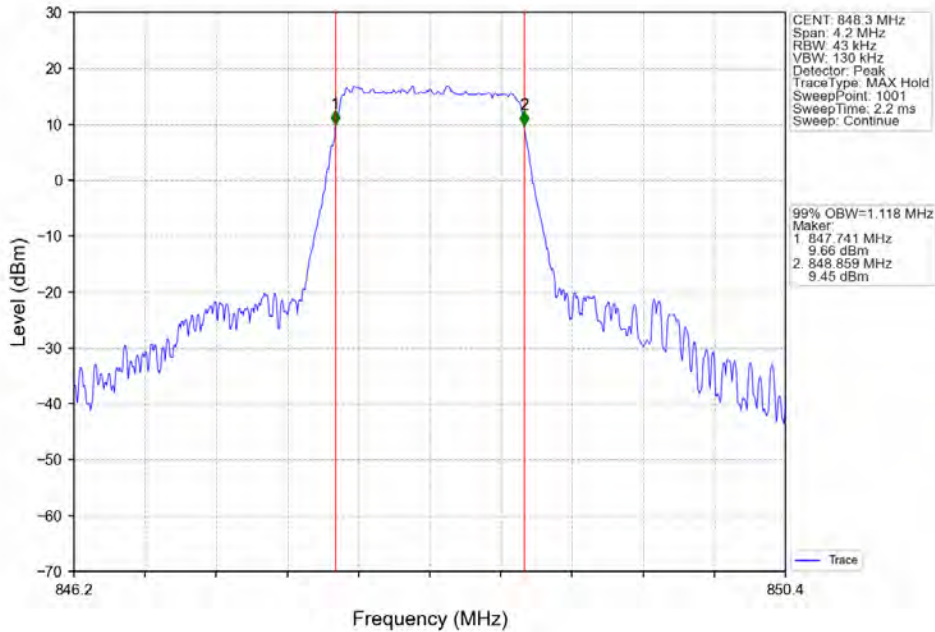


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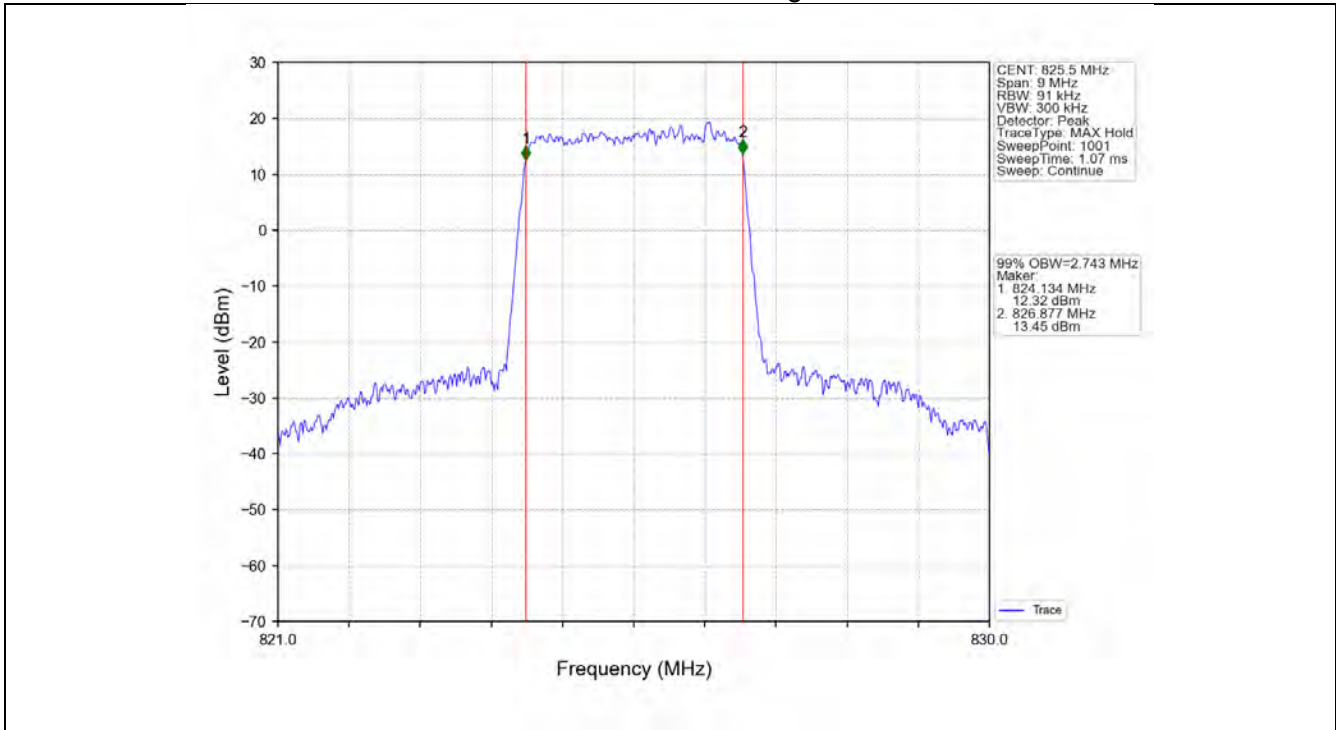
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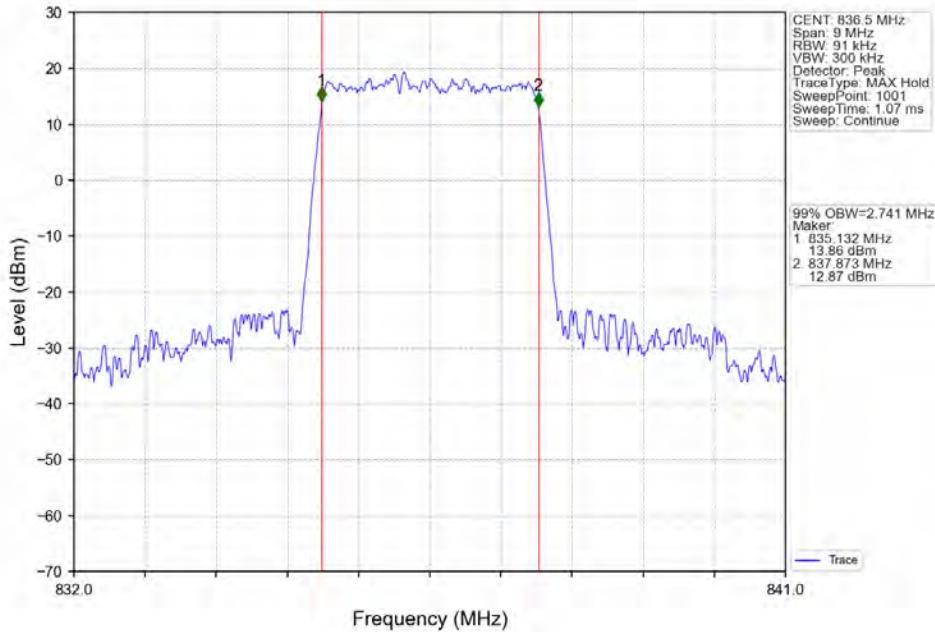


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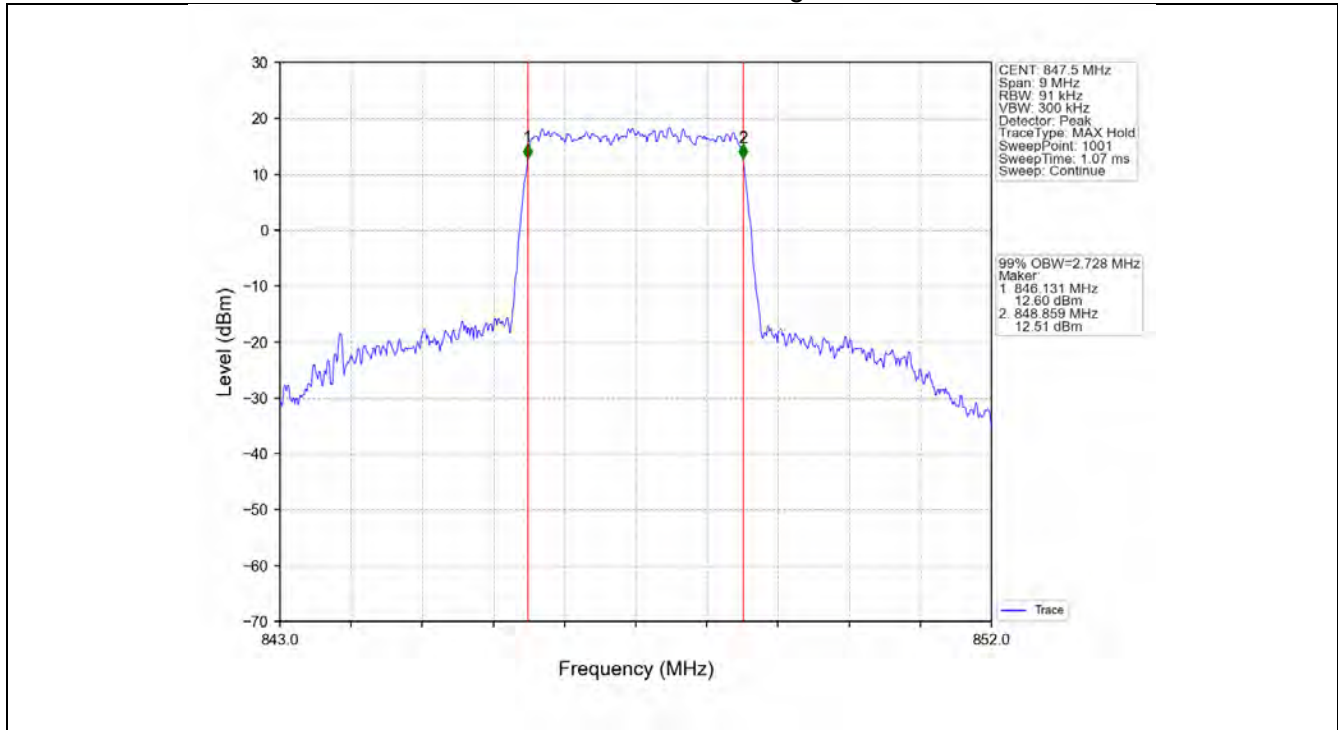
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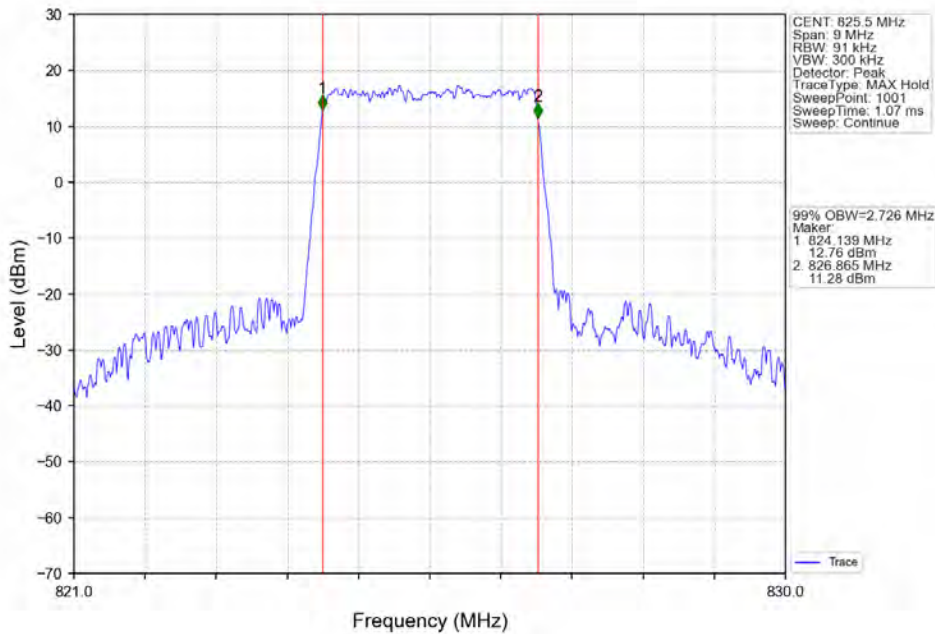
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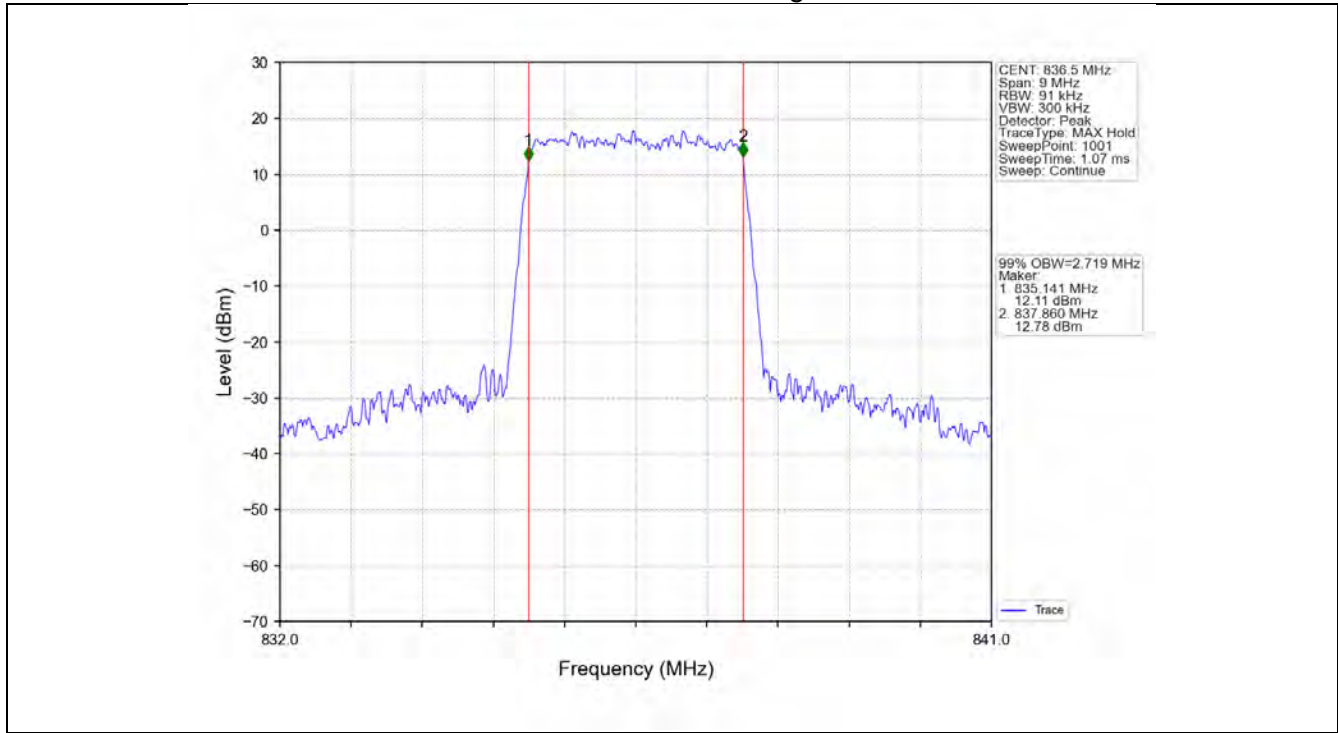
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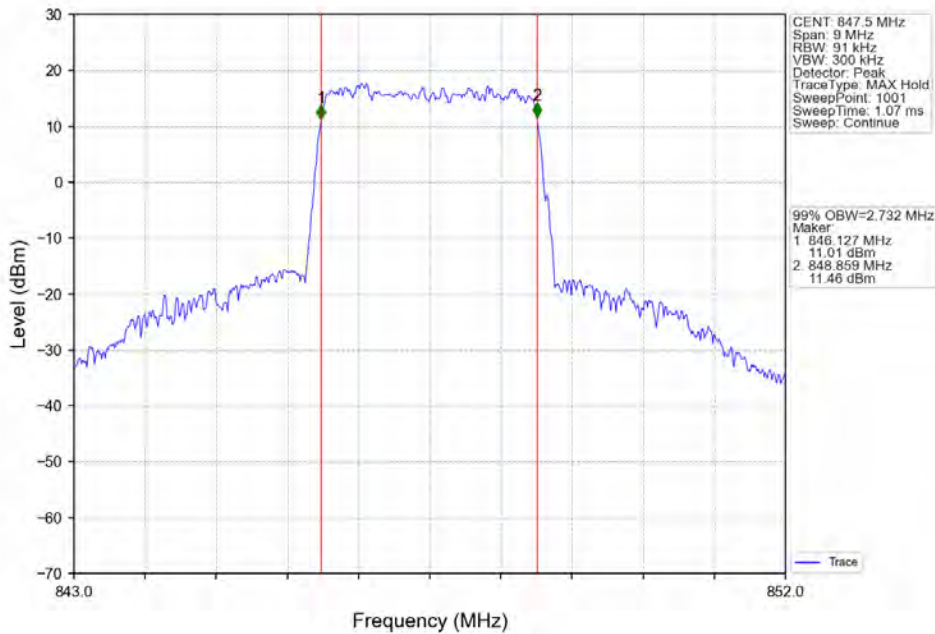
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Band26b_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



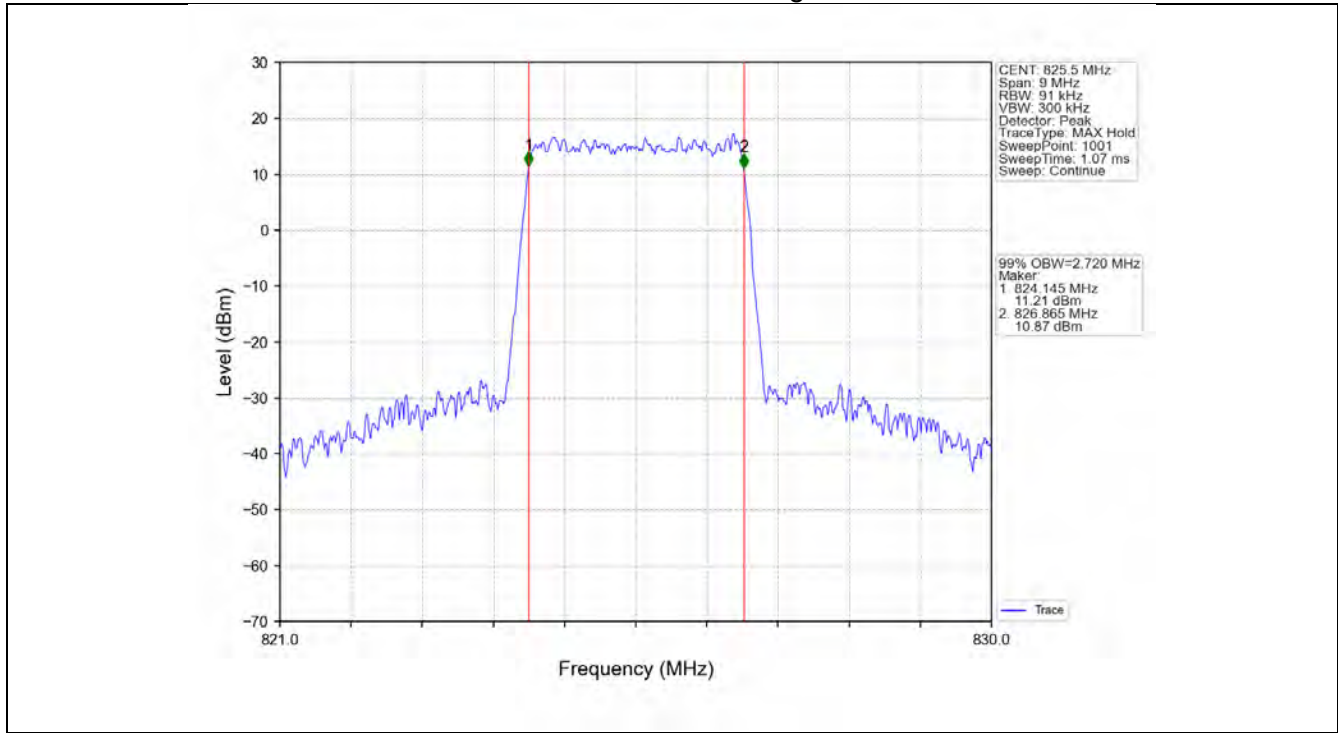
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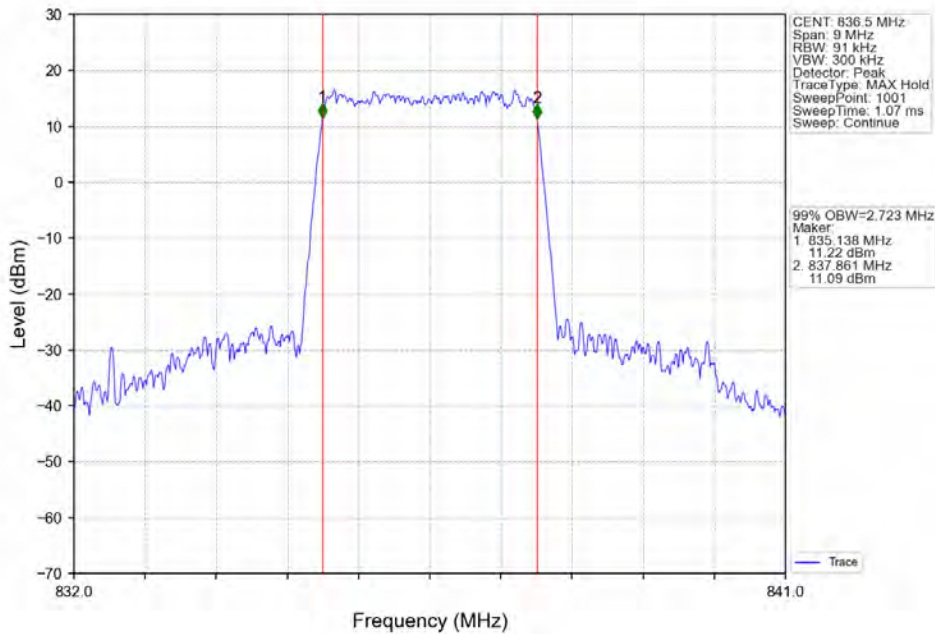


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Band26b_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



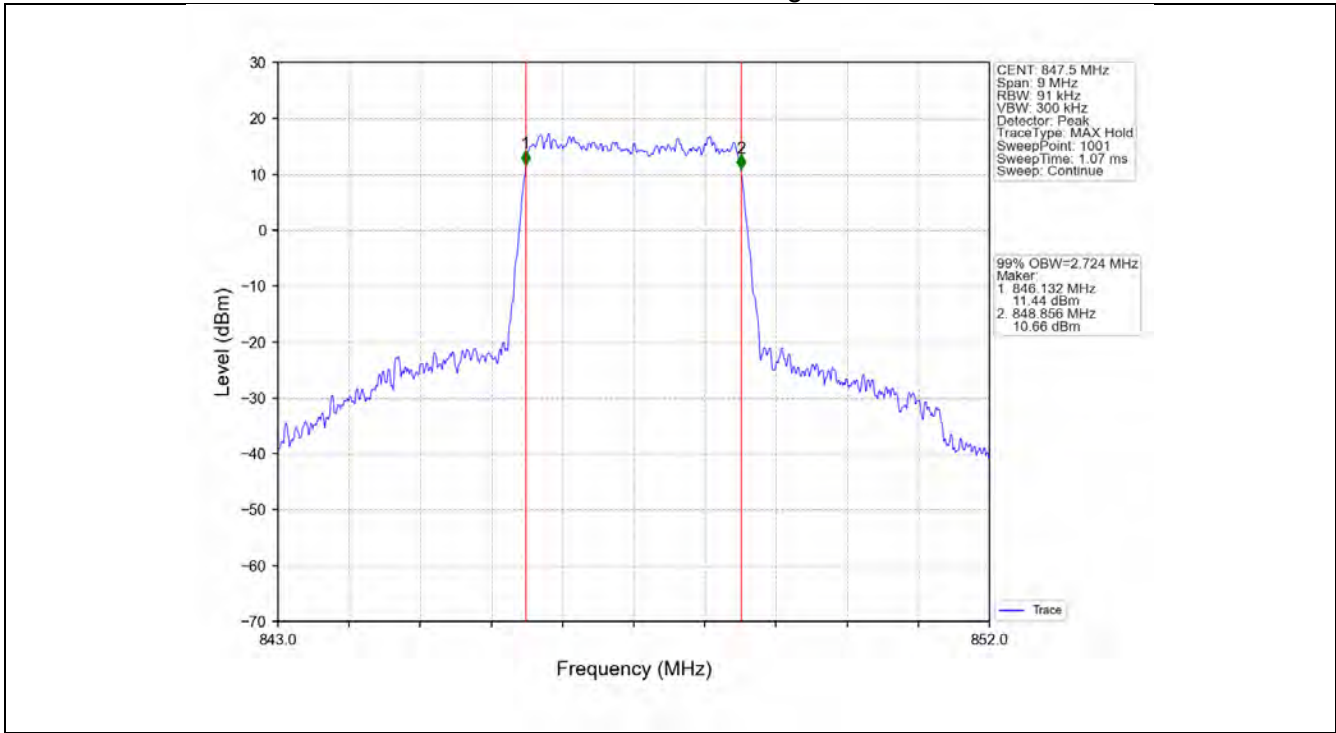
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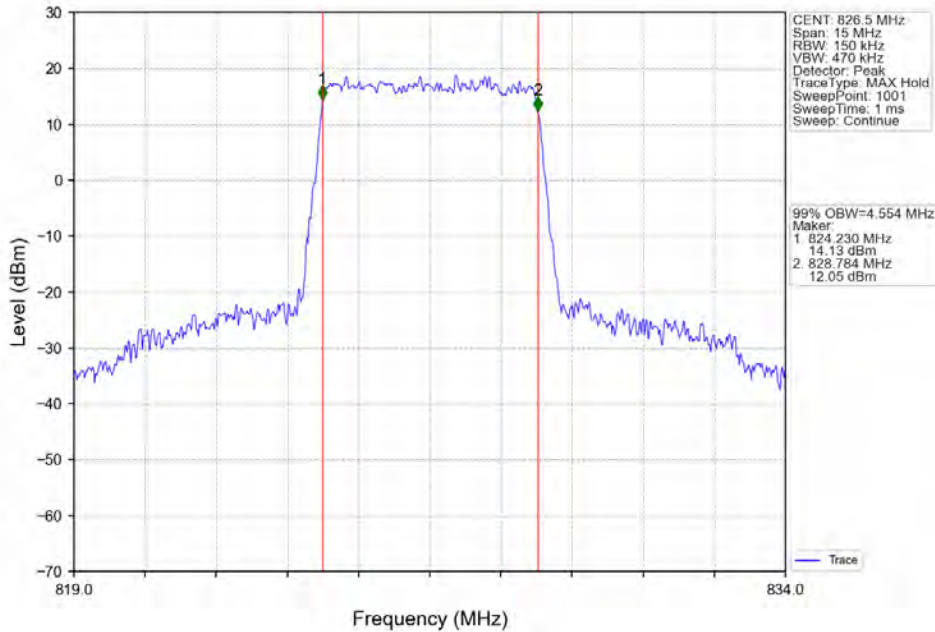


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Band26b_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



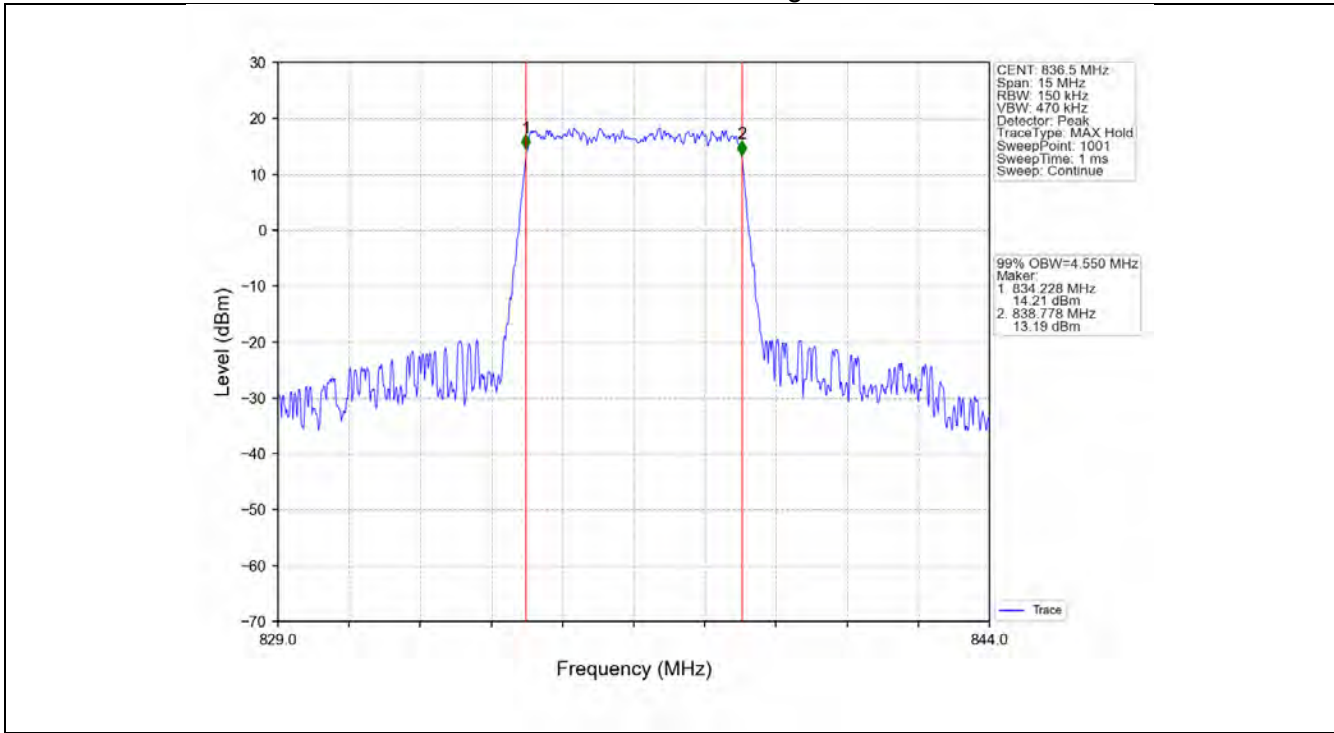
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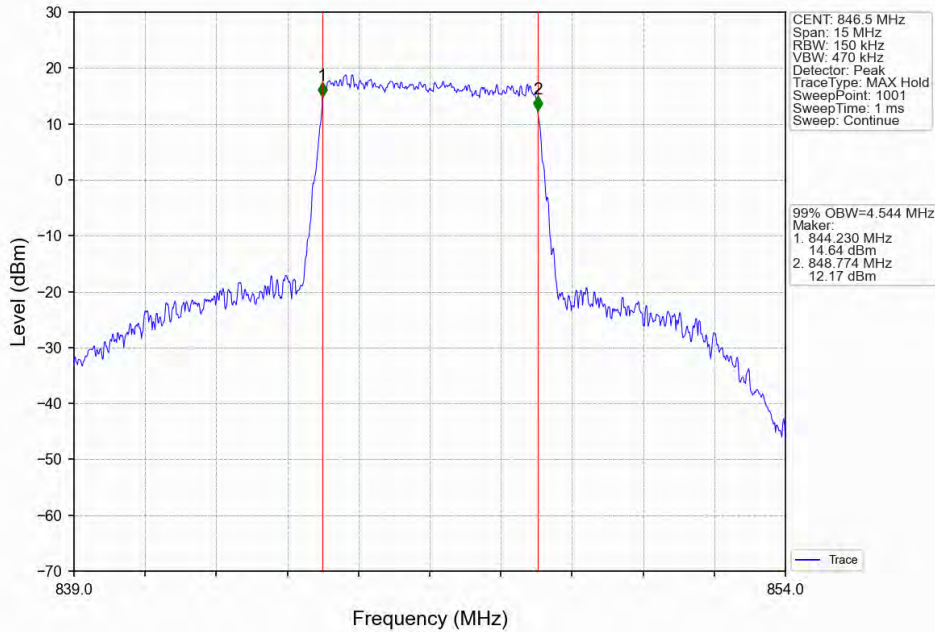


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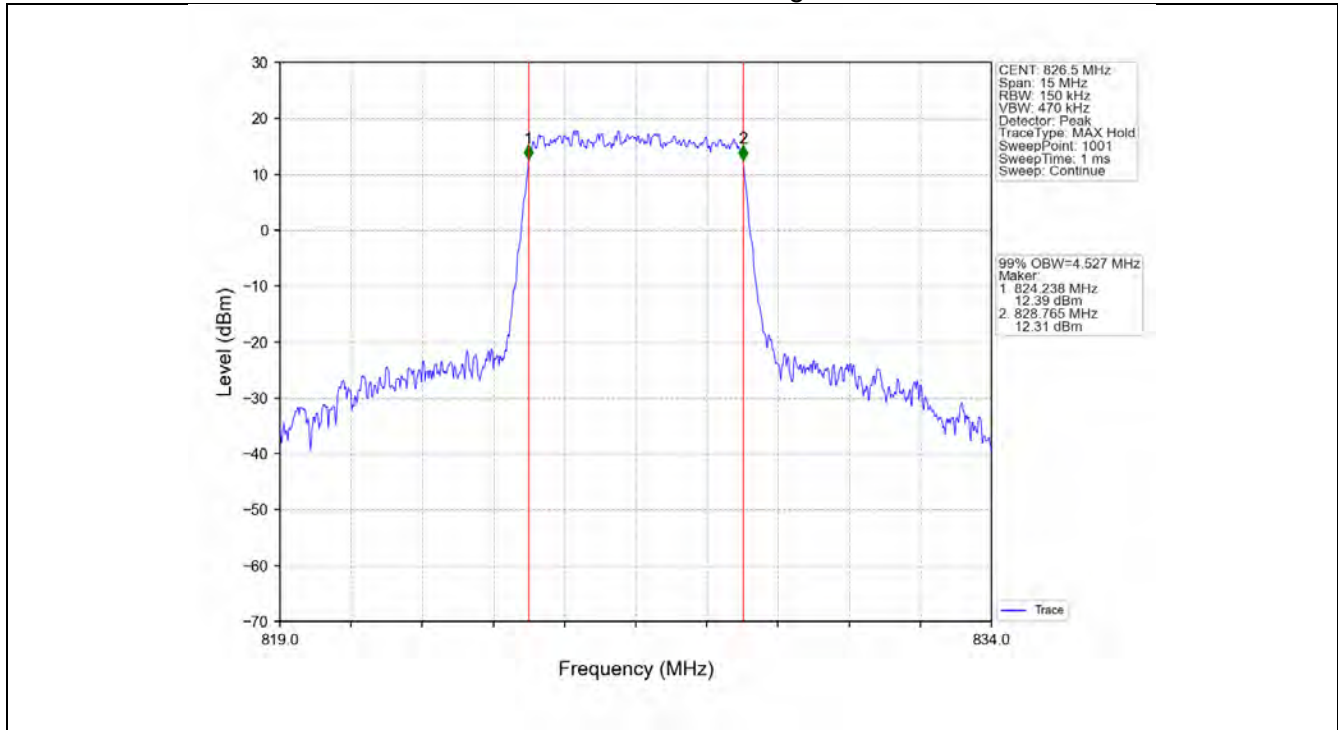
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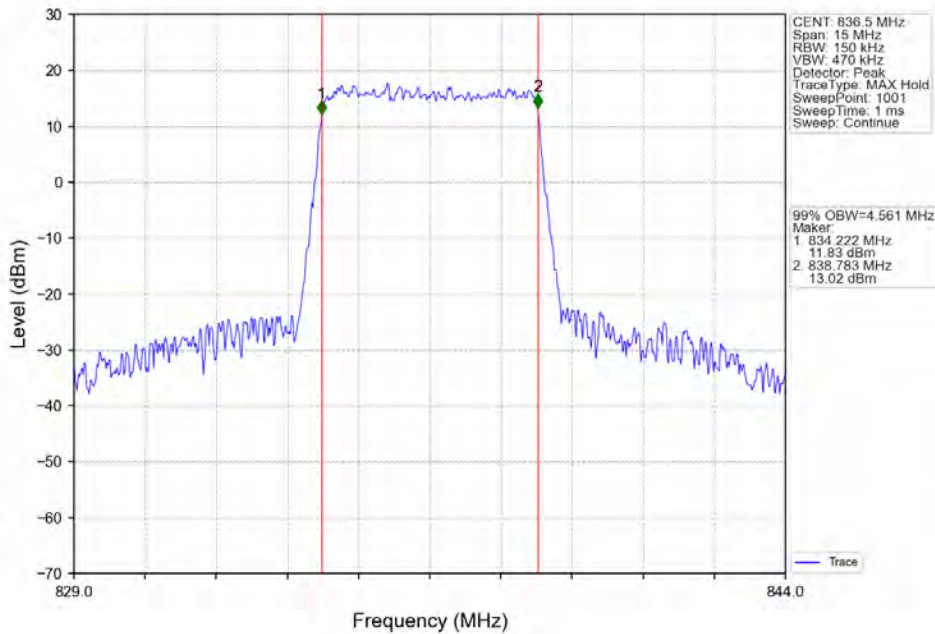


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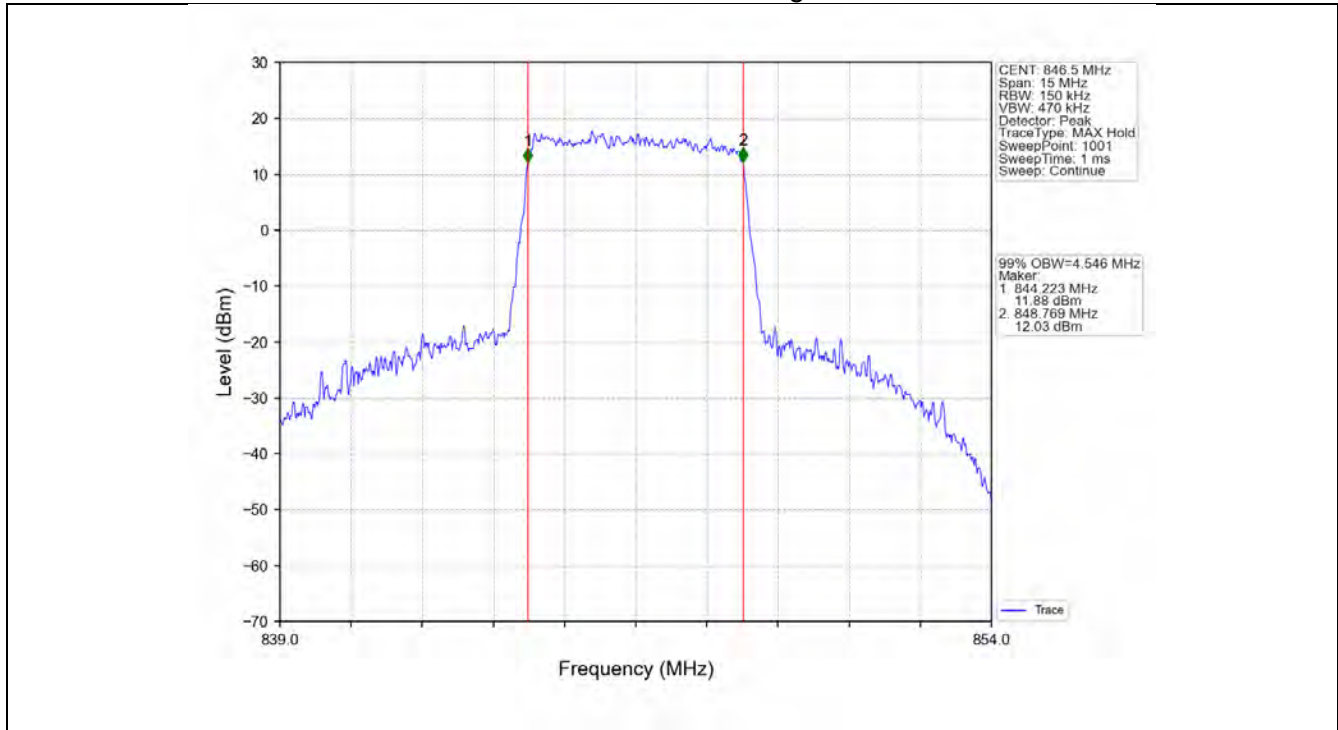
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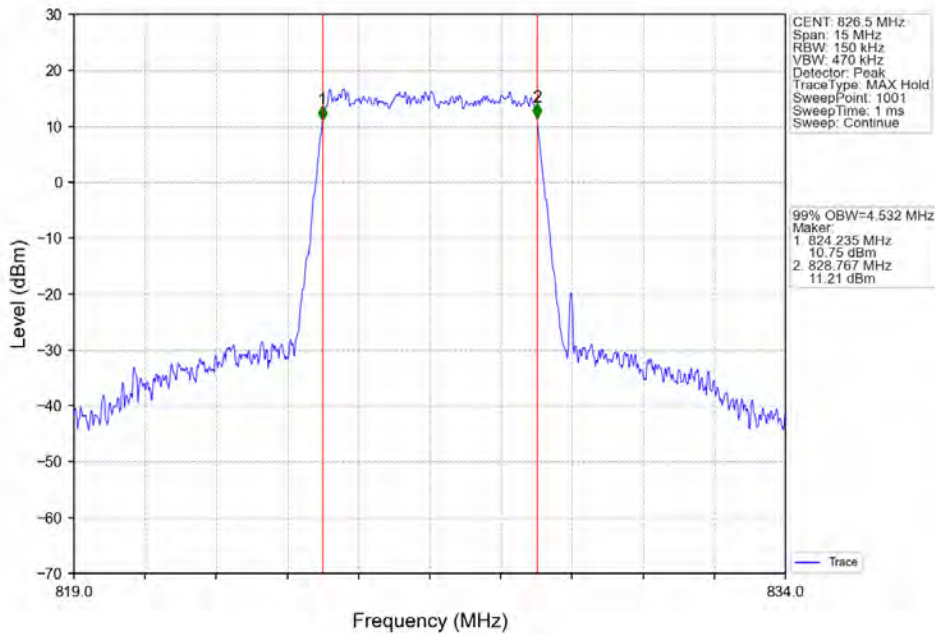


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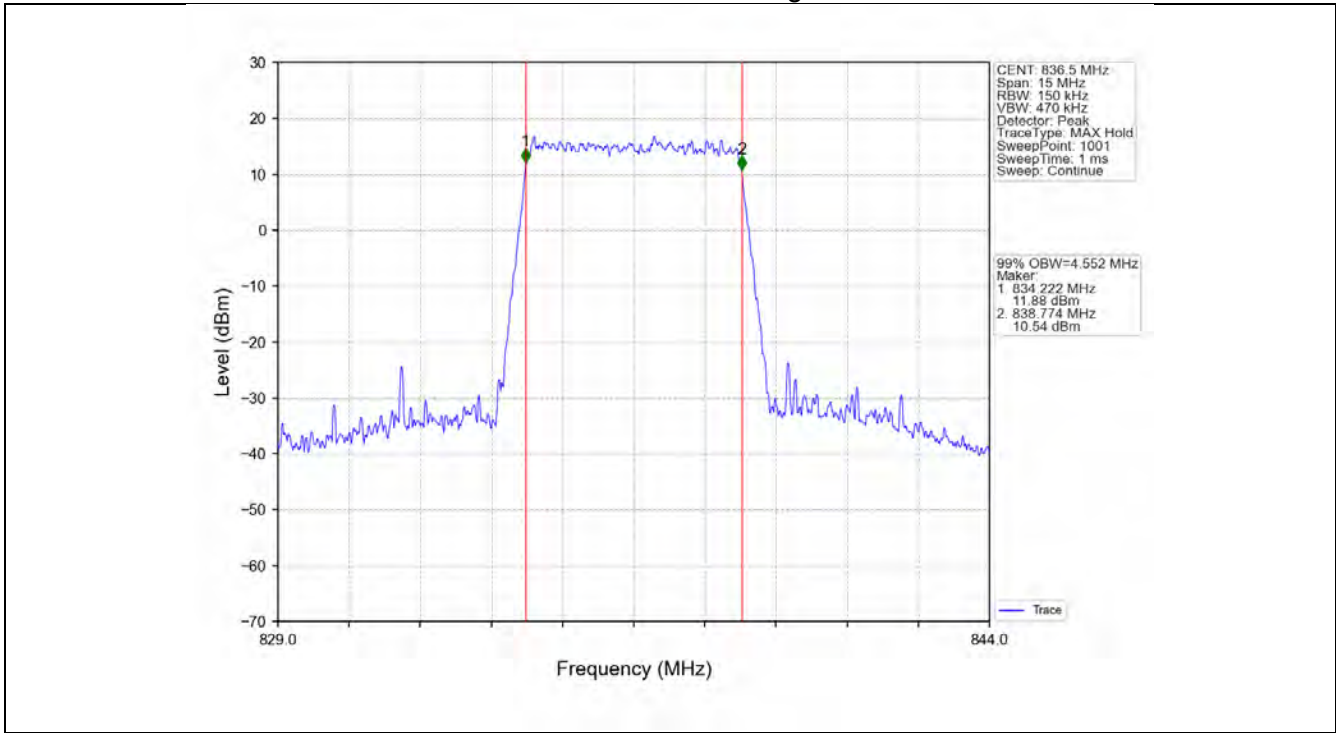
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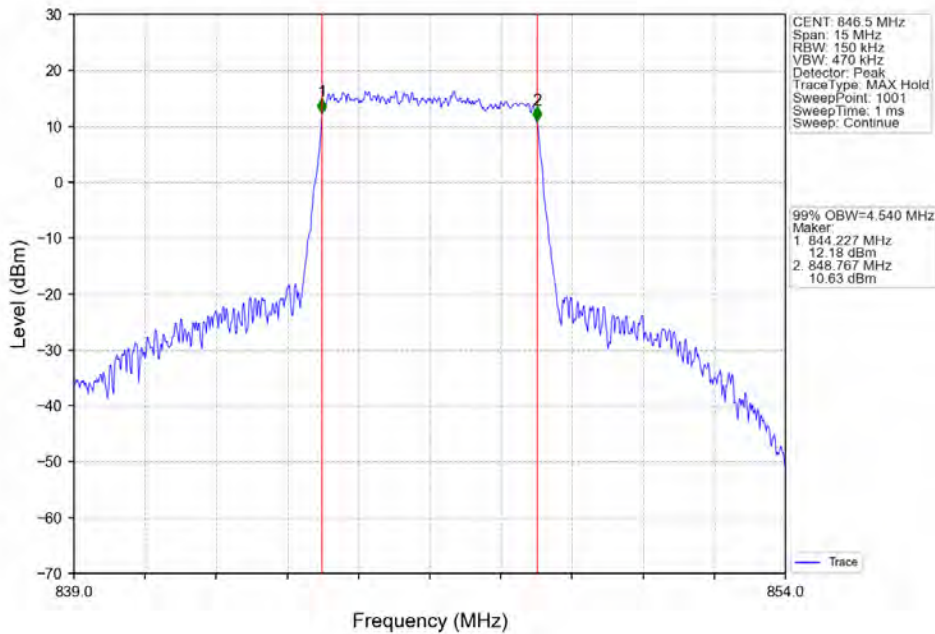


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Band26b_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



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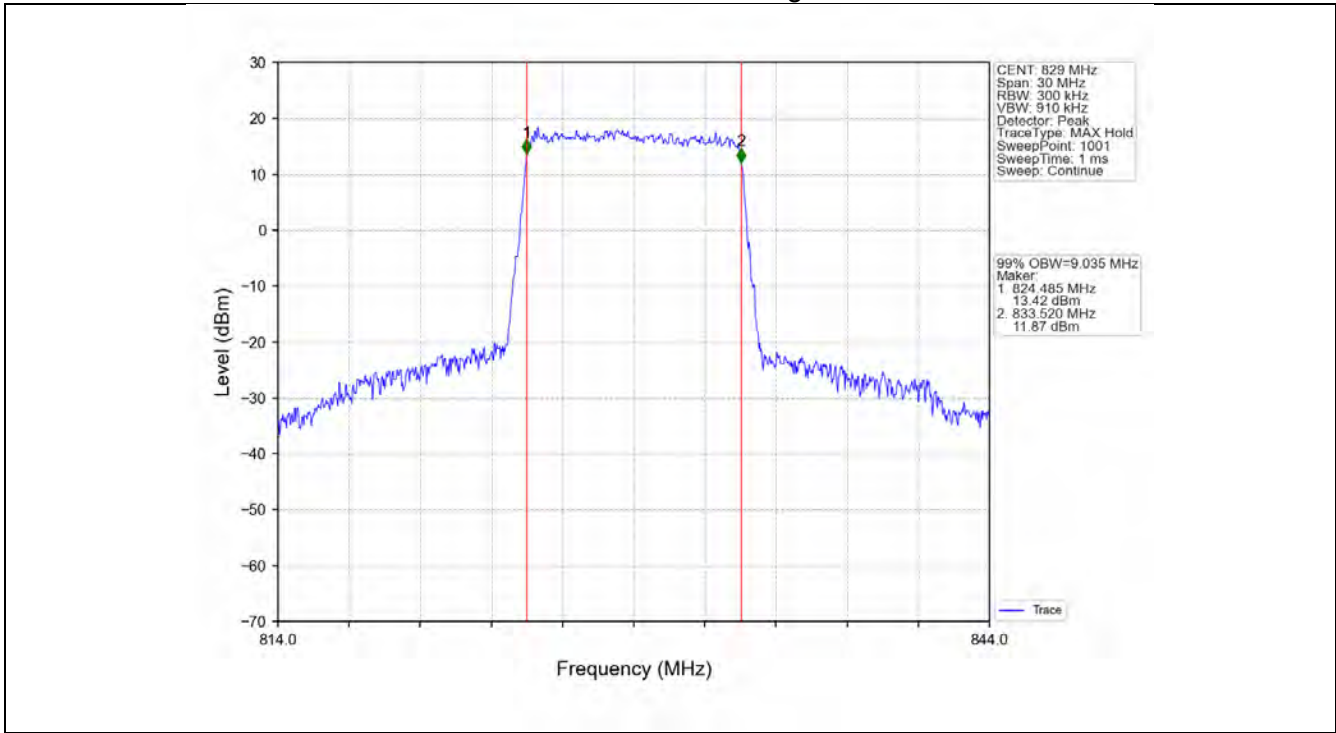
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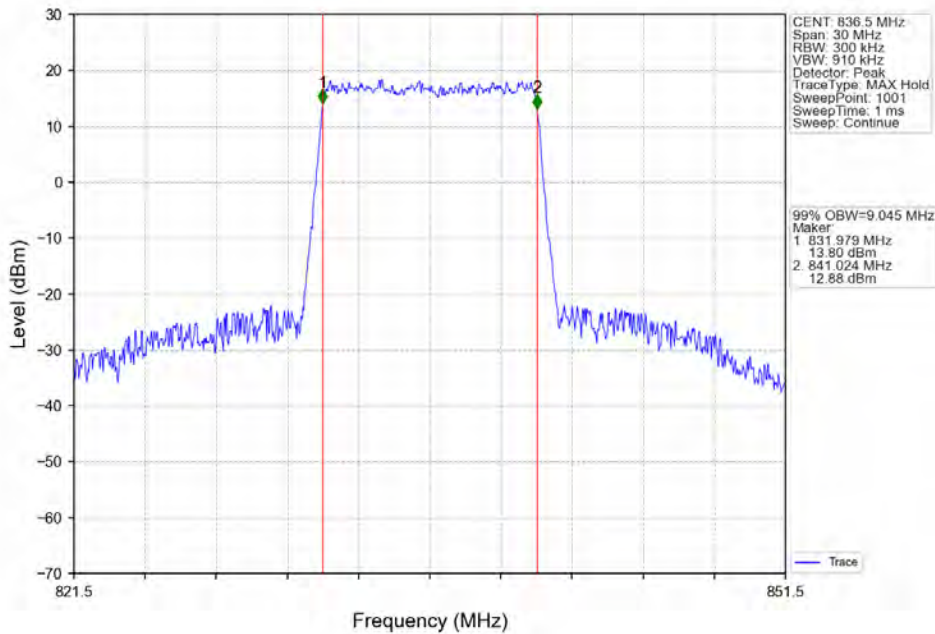
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Band26b_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV

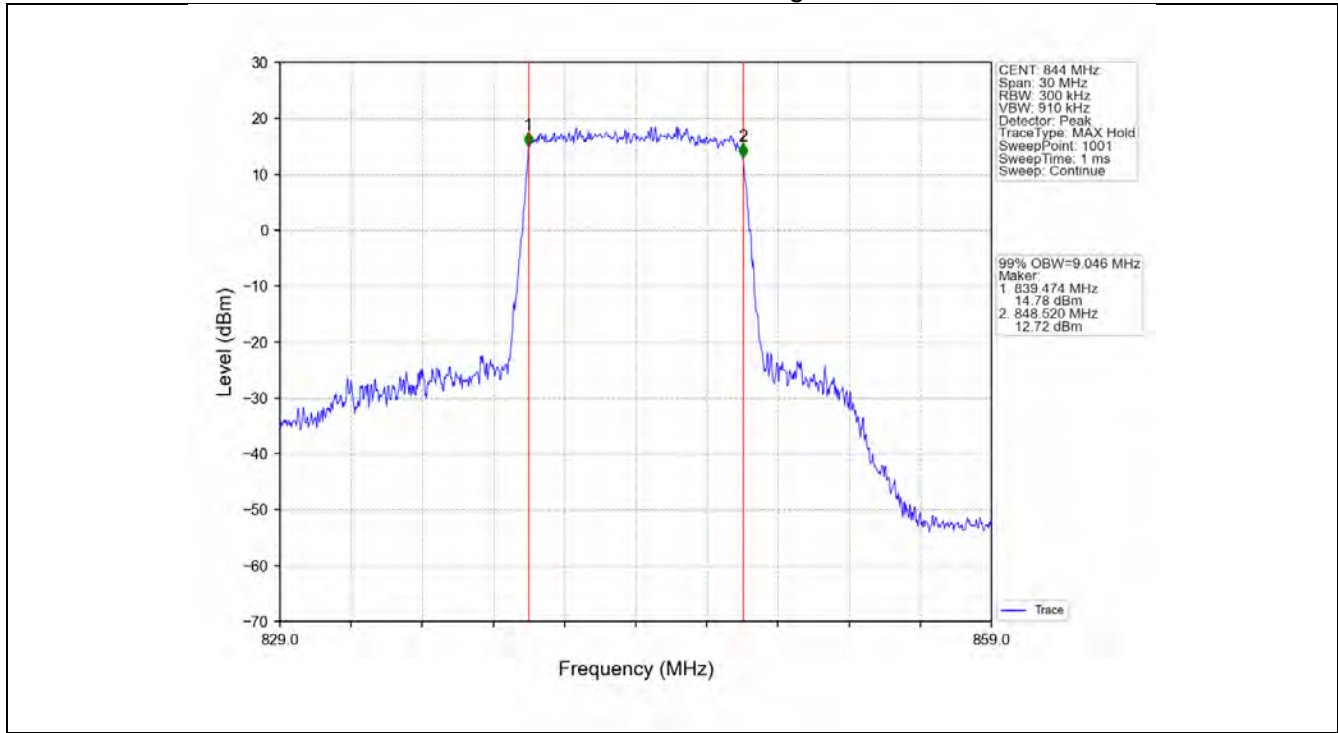


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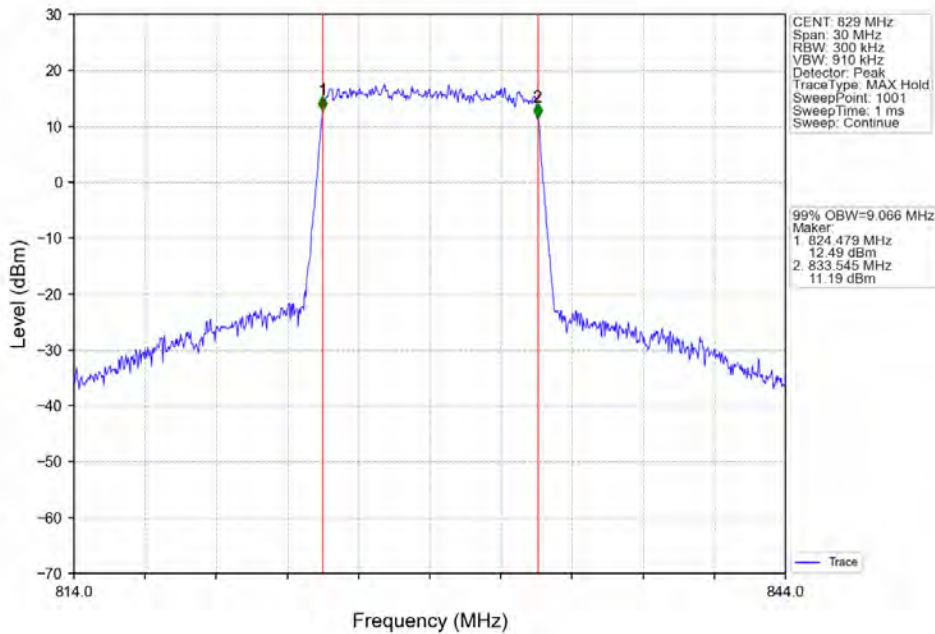


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Band26b_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



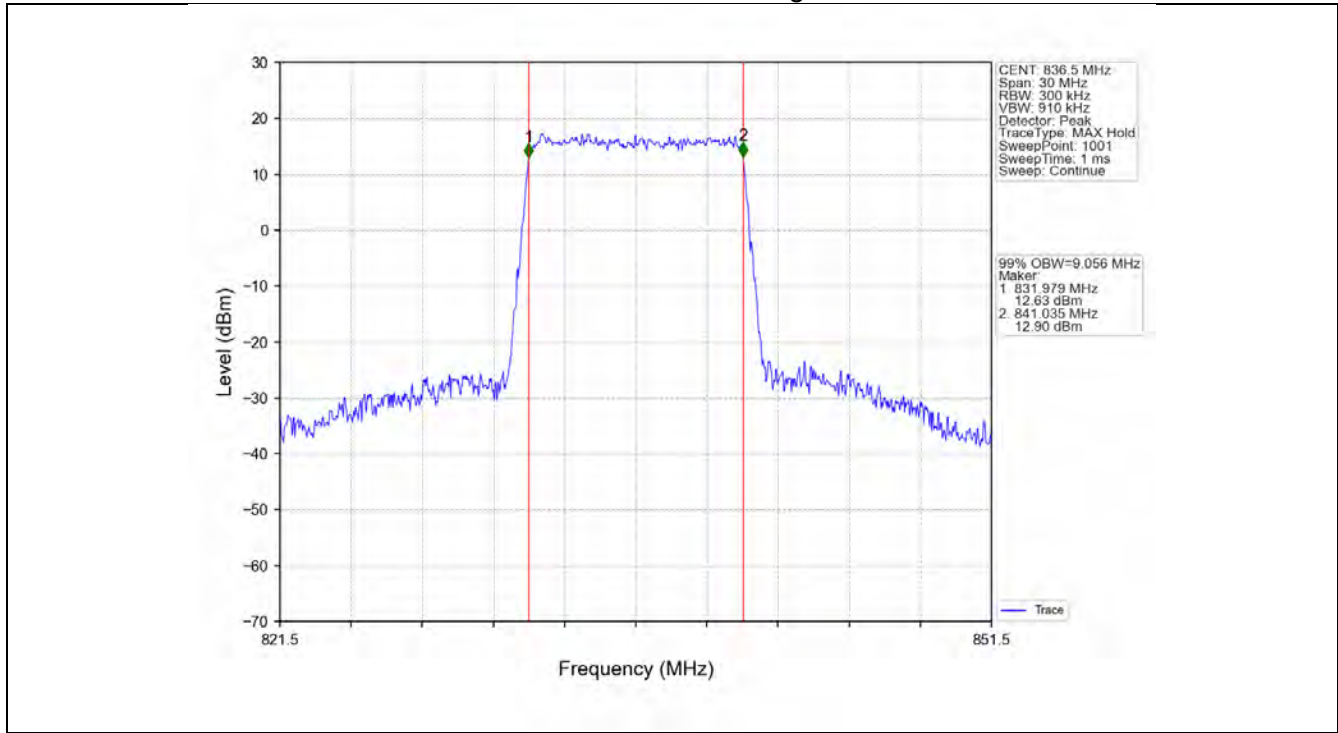
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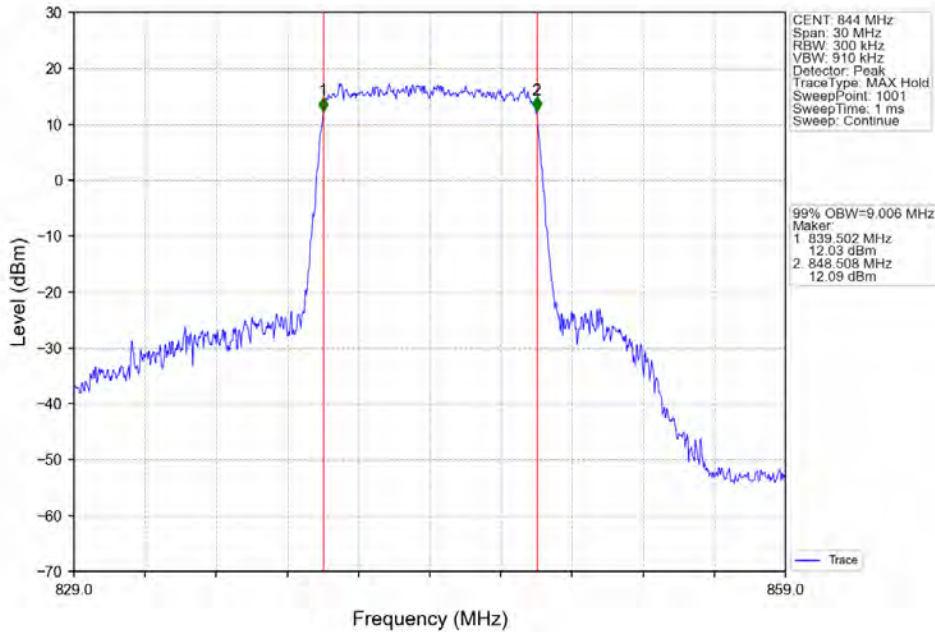


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Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



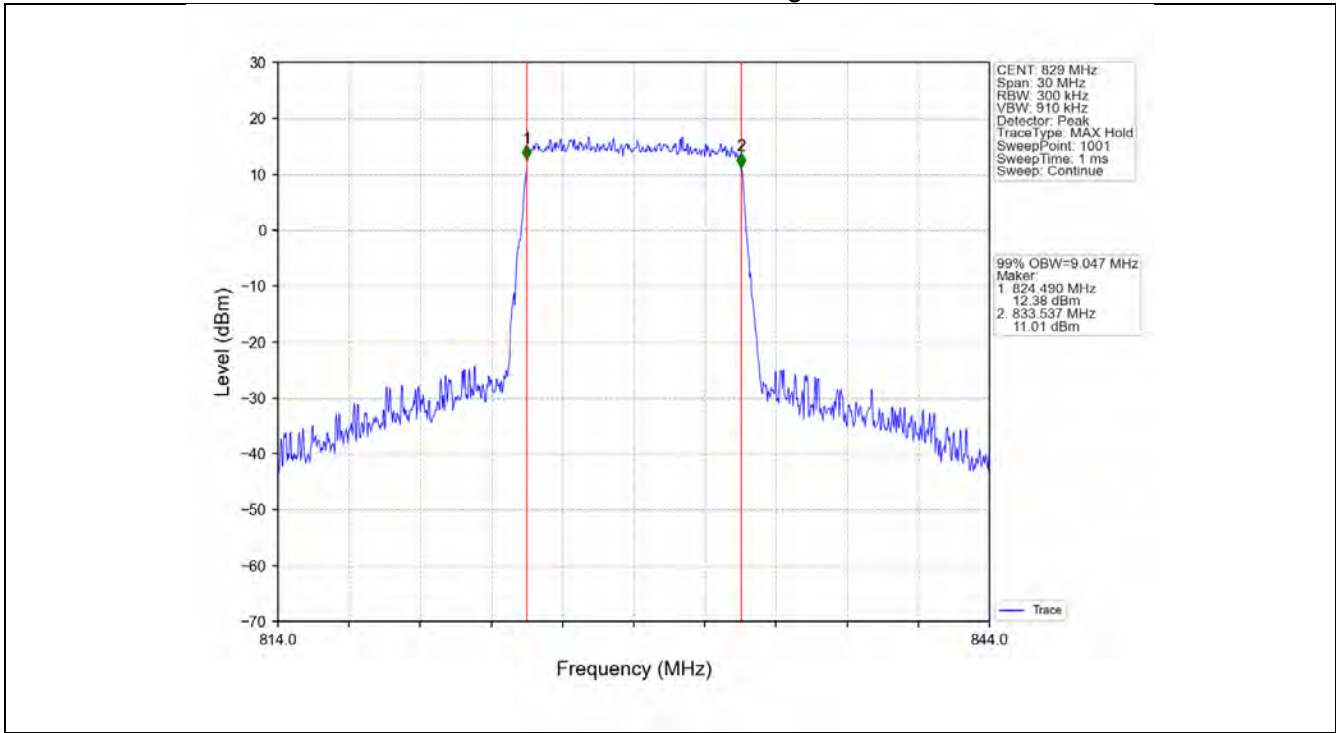
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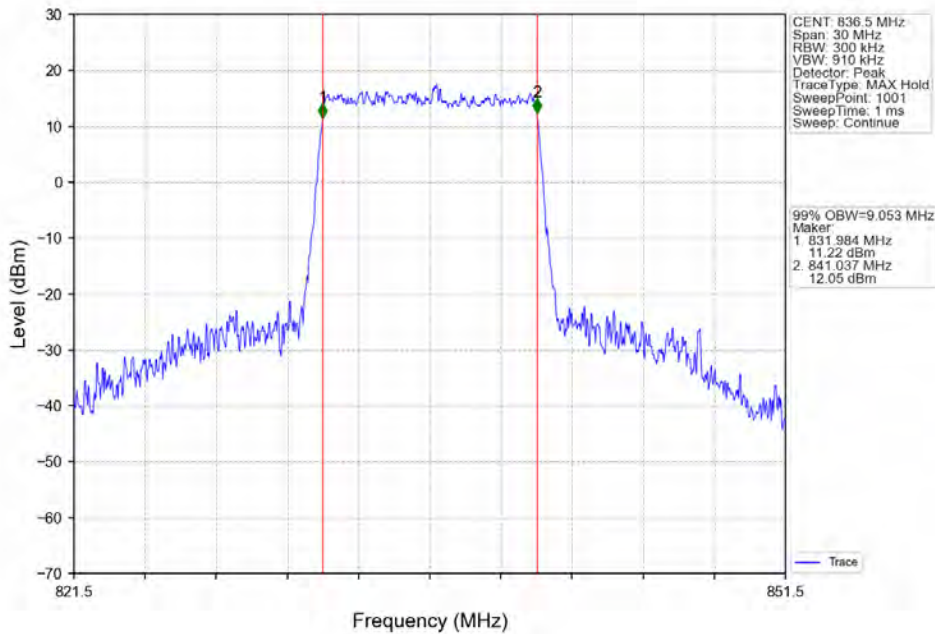


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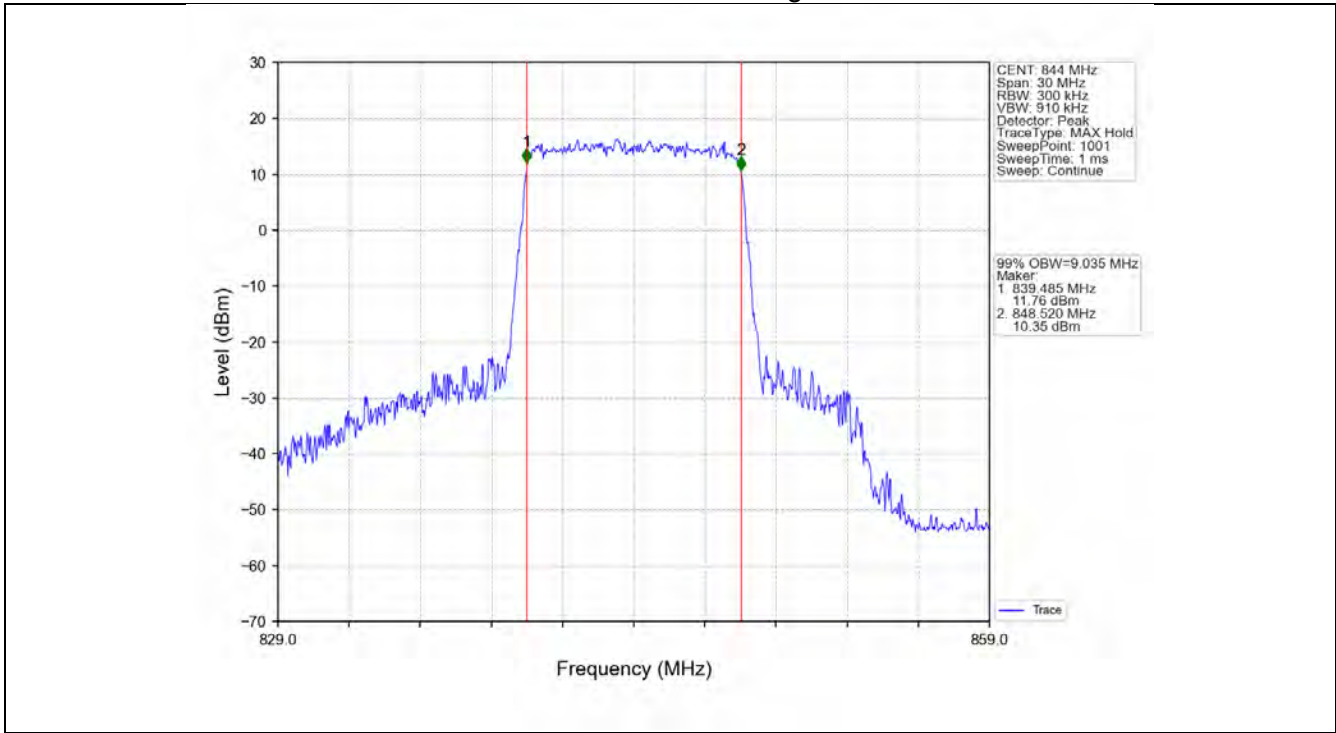
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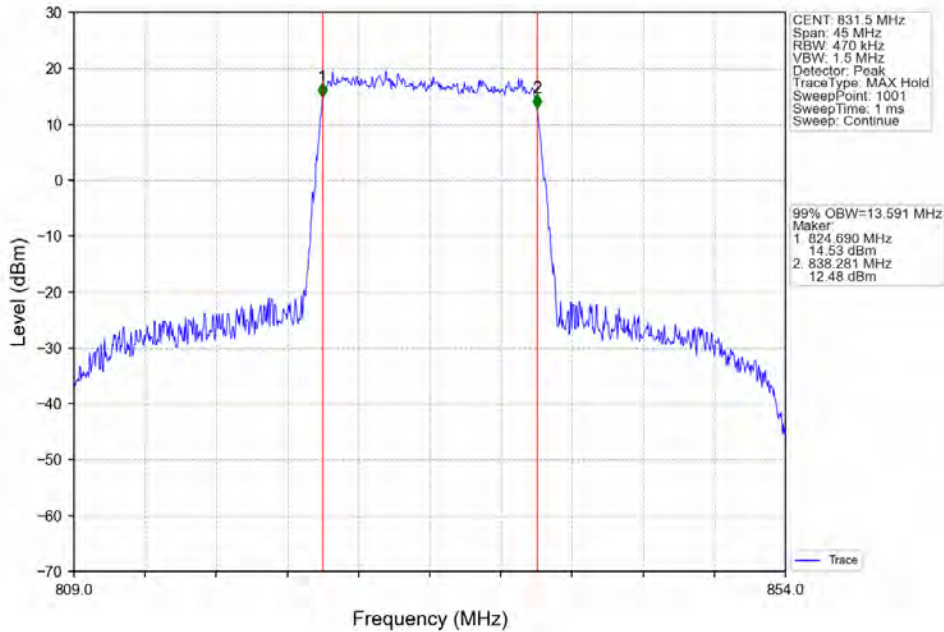


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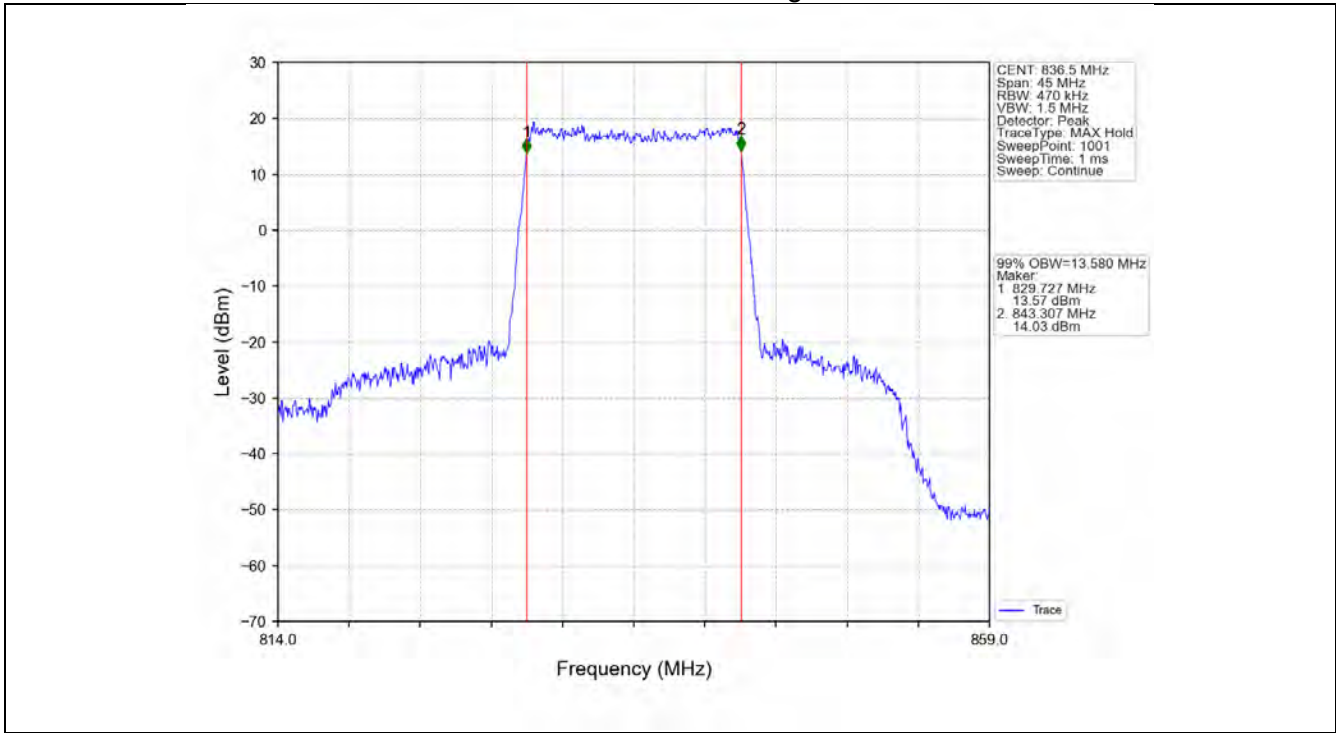
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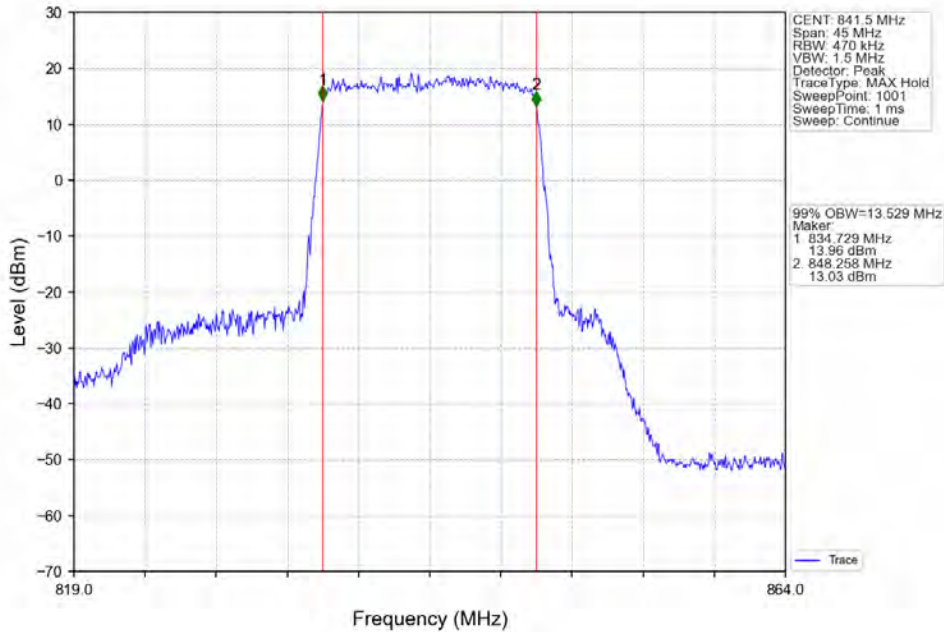


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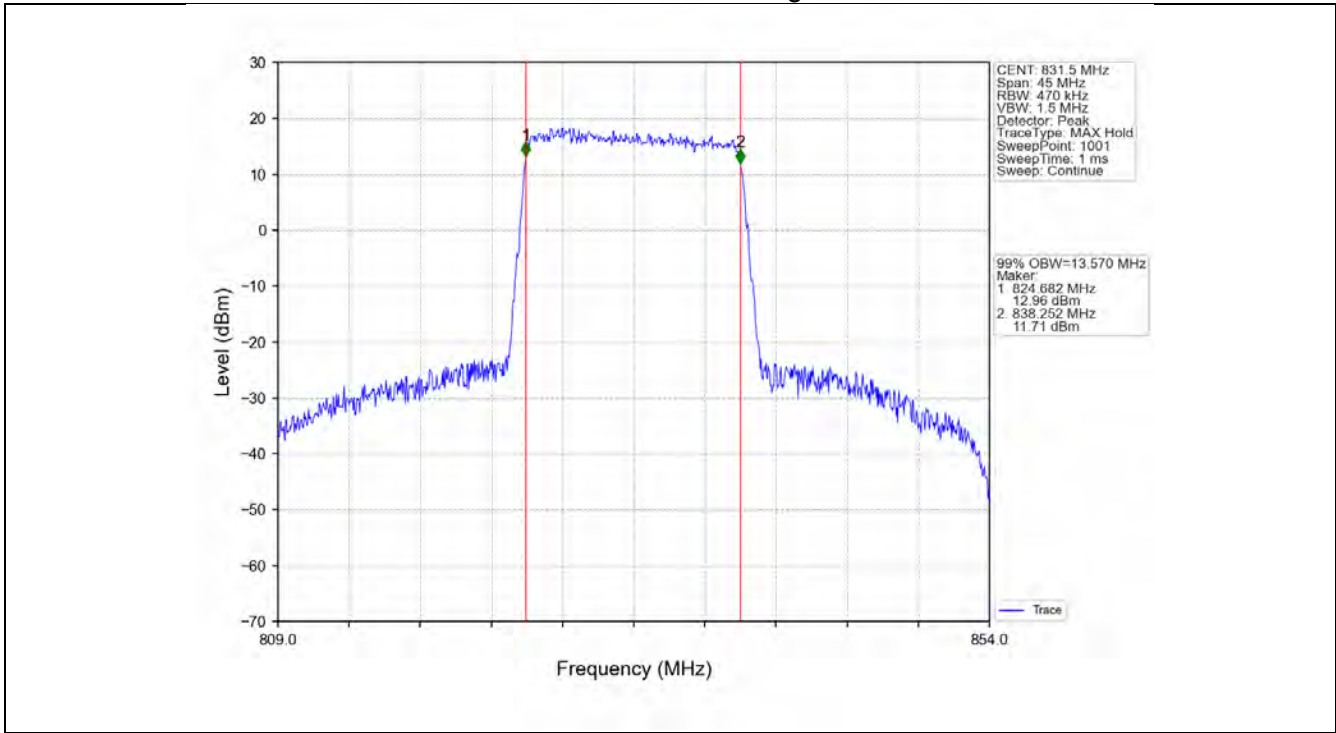
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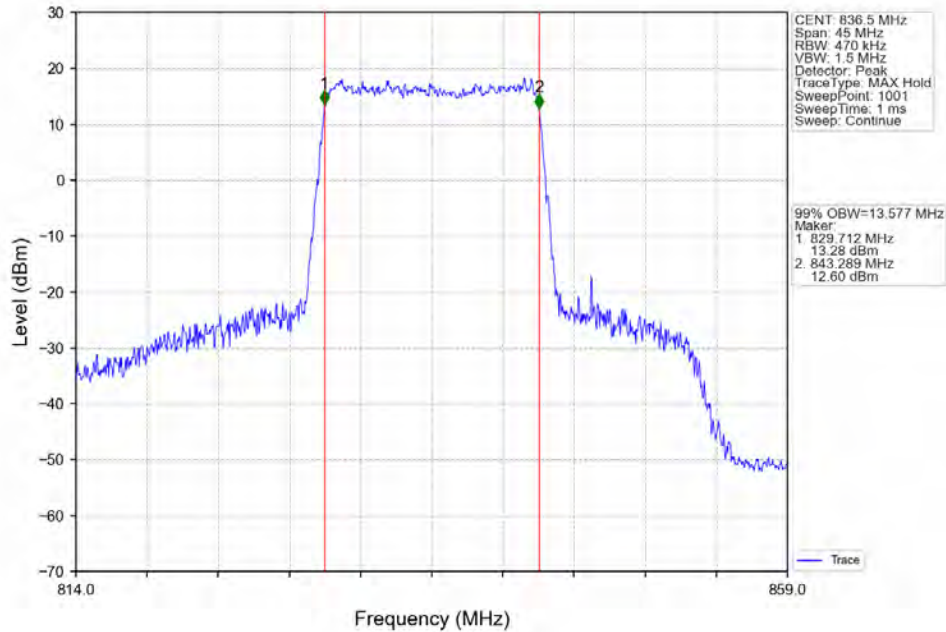


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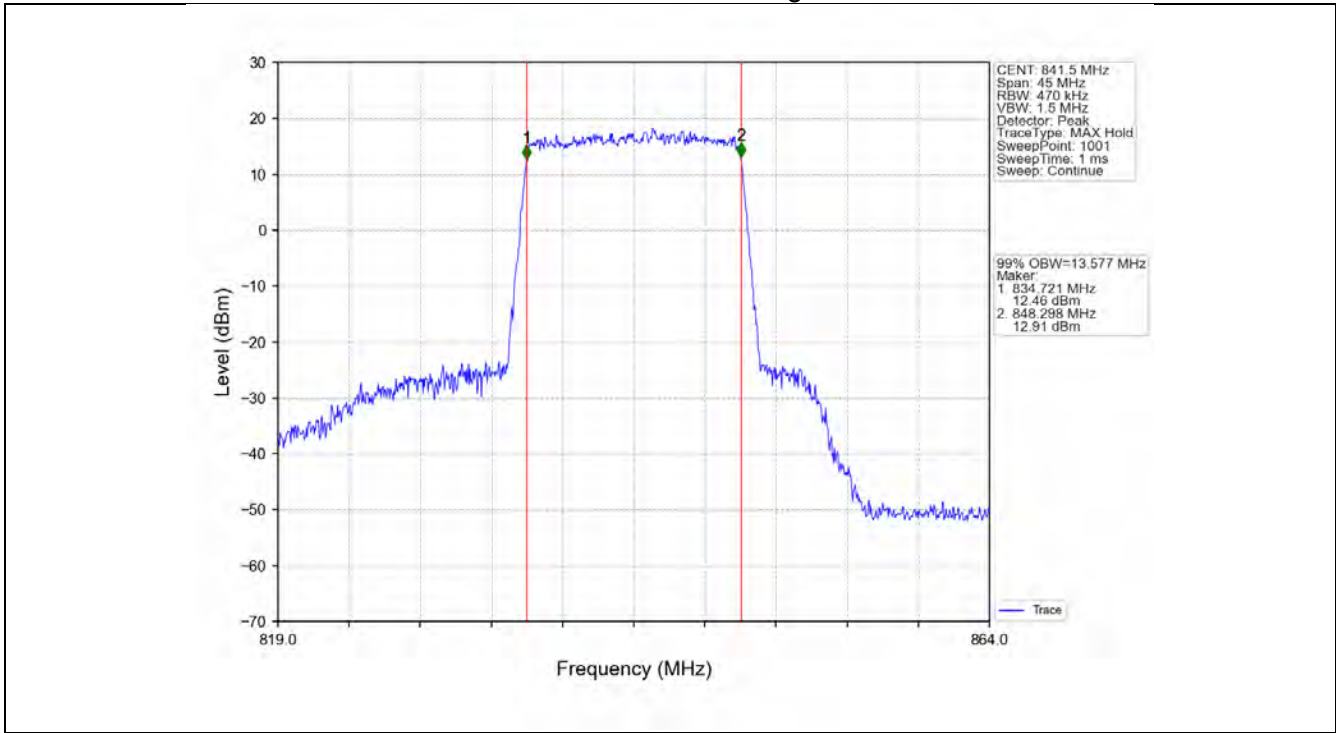
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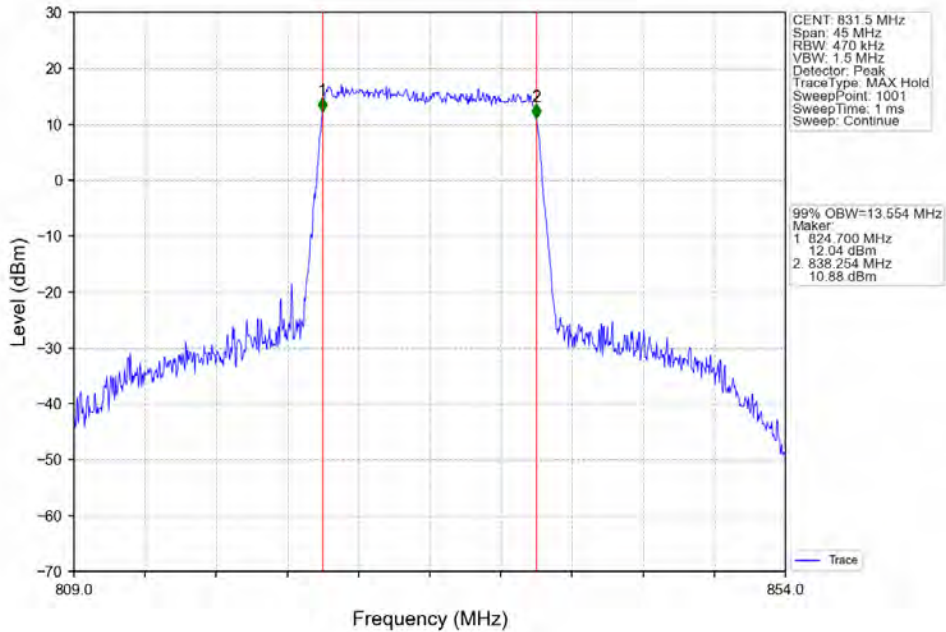


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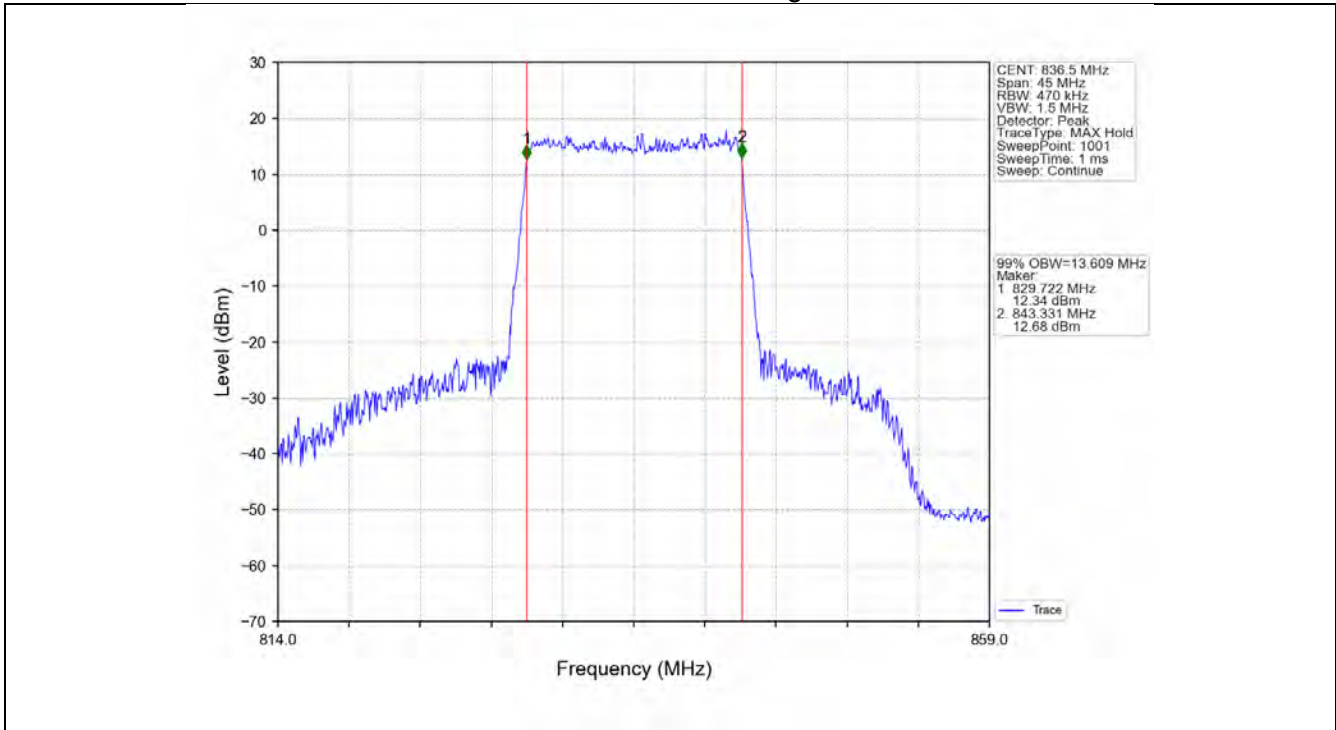
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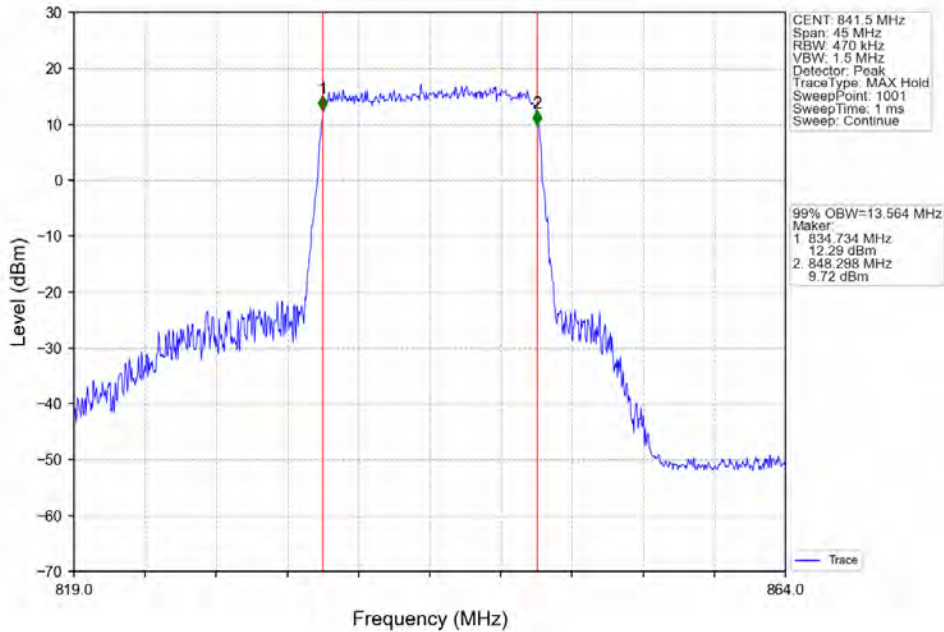


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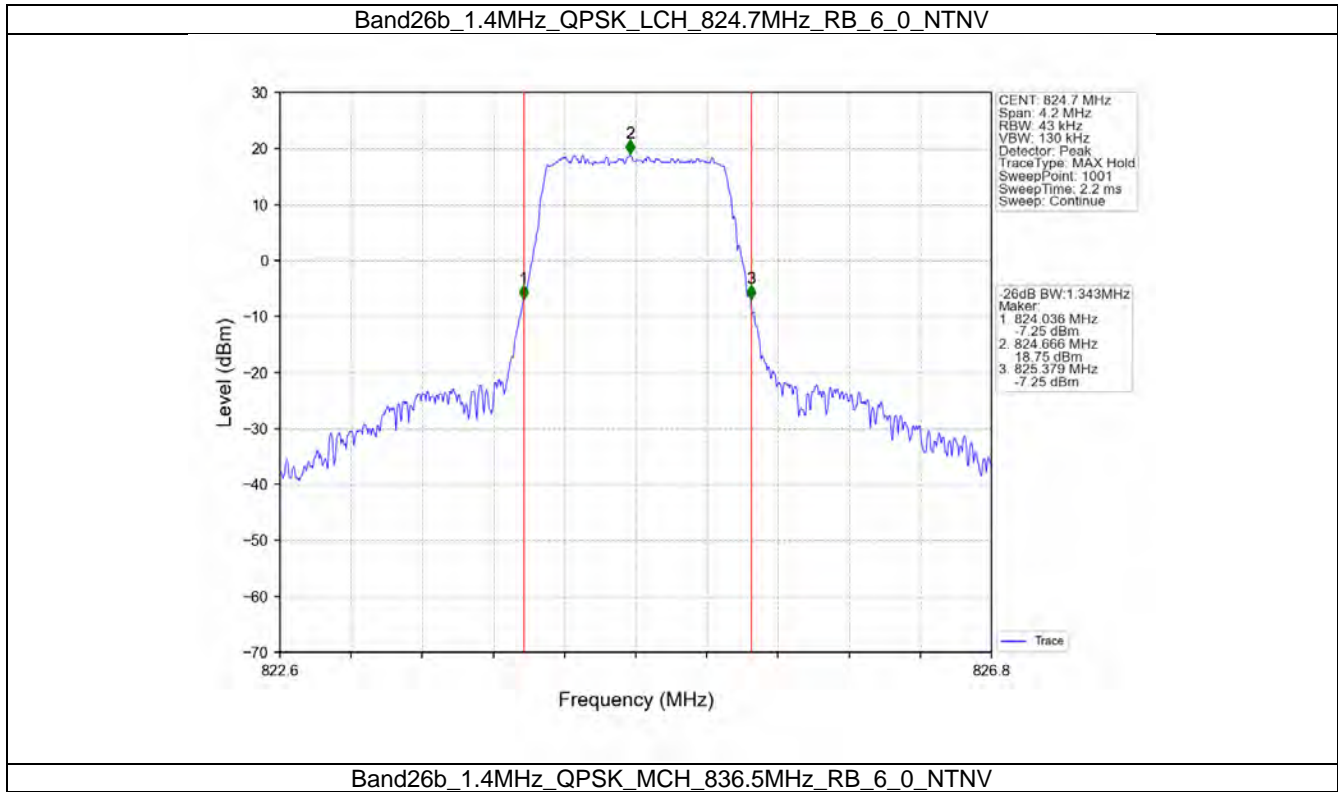


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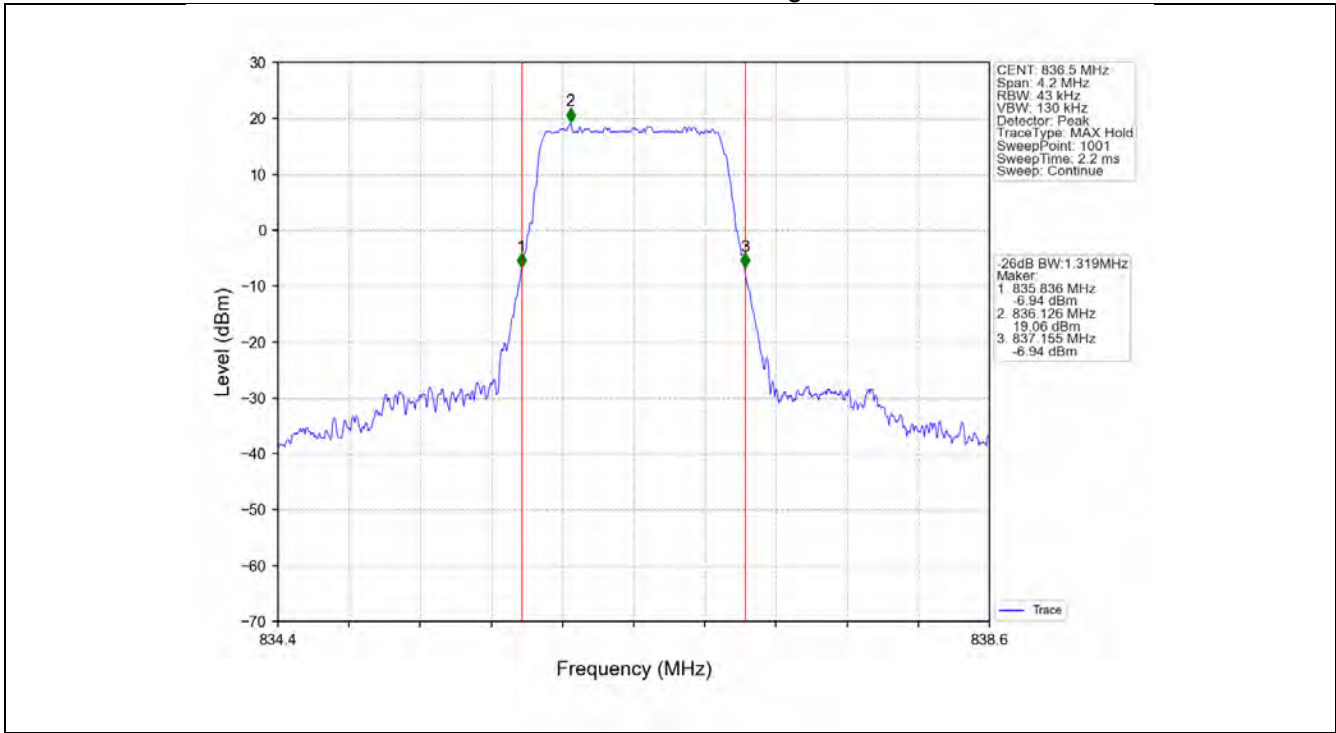
3.2.2 Band26b_XDB



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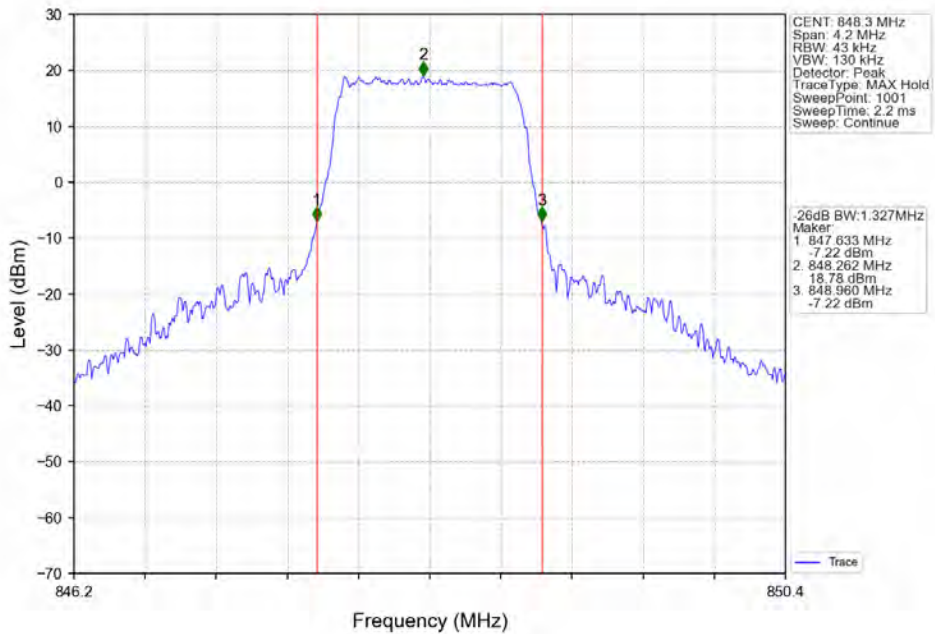


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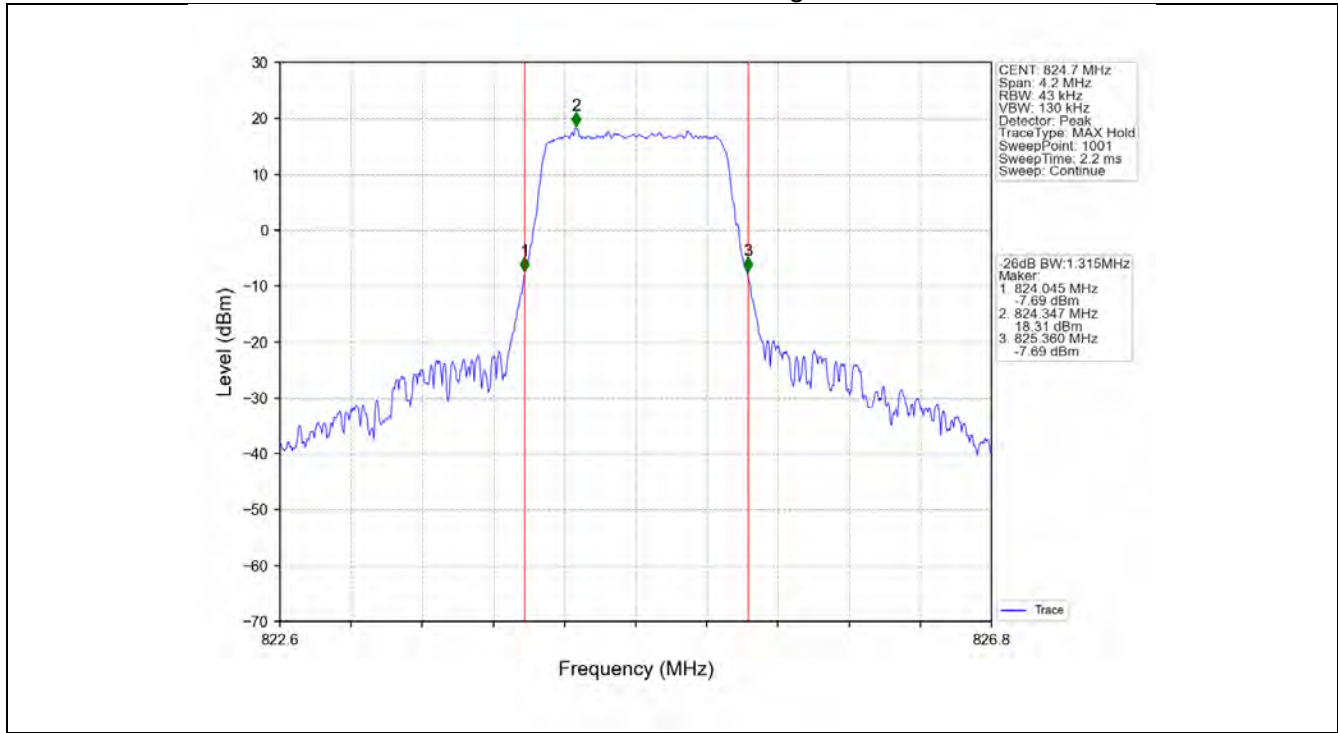
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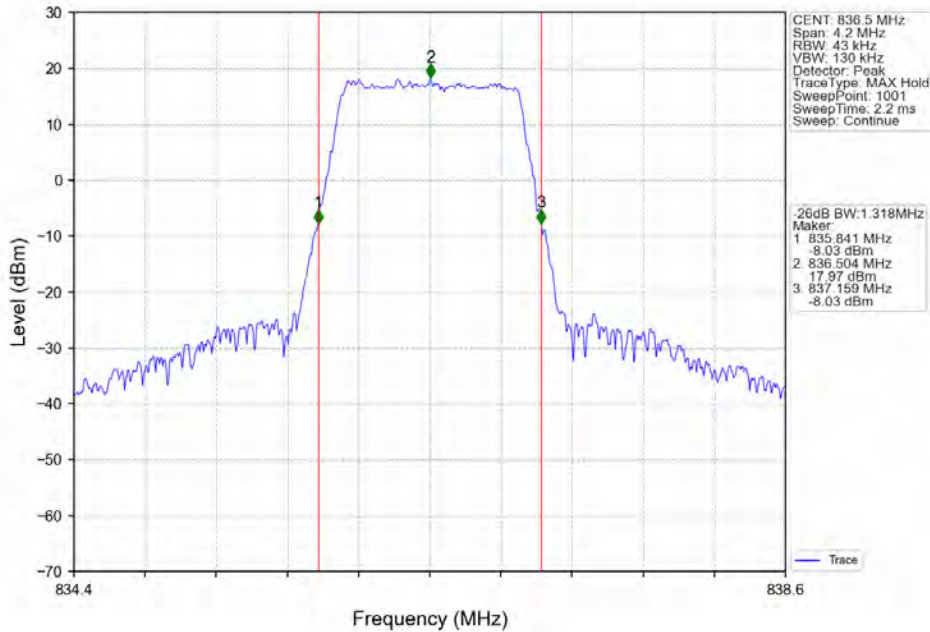


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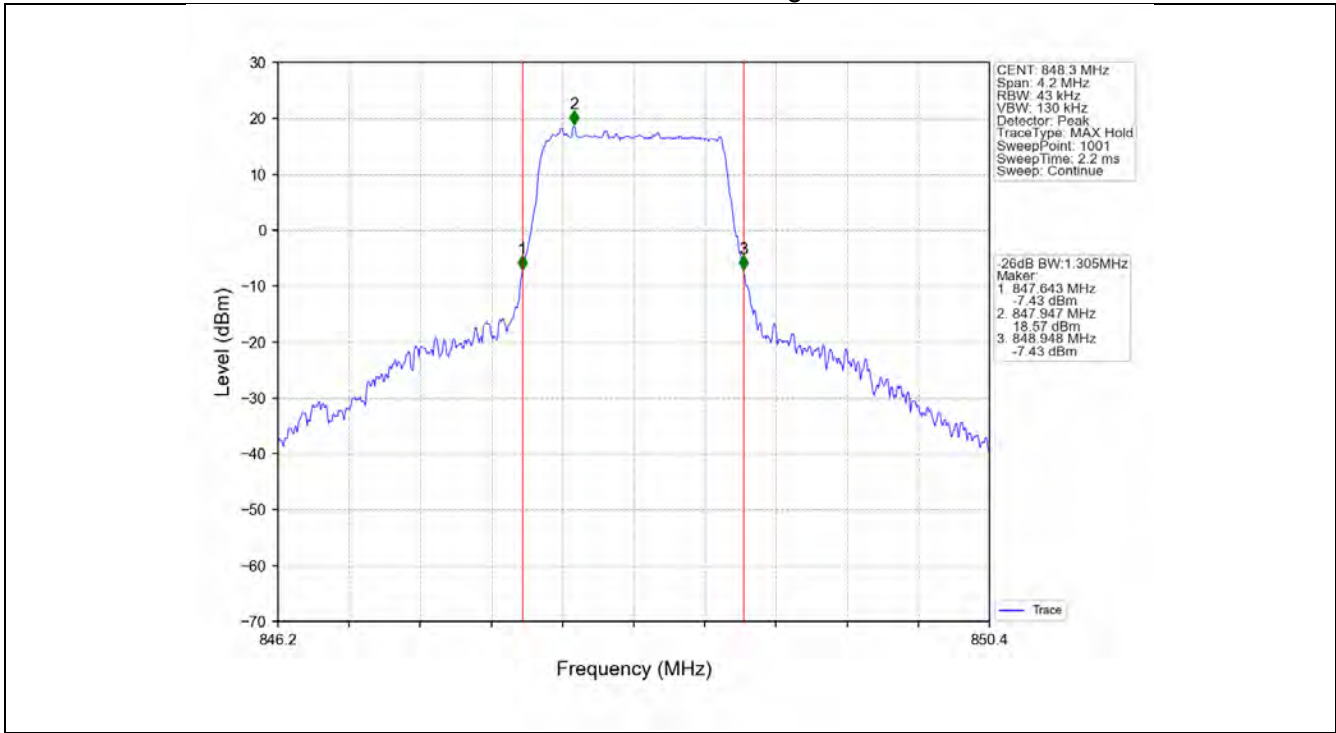
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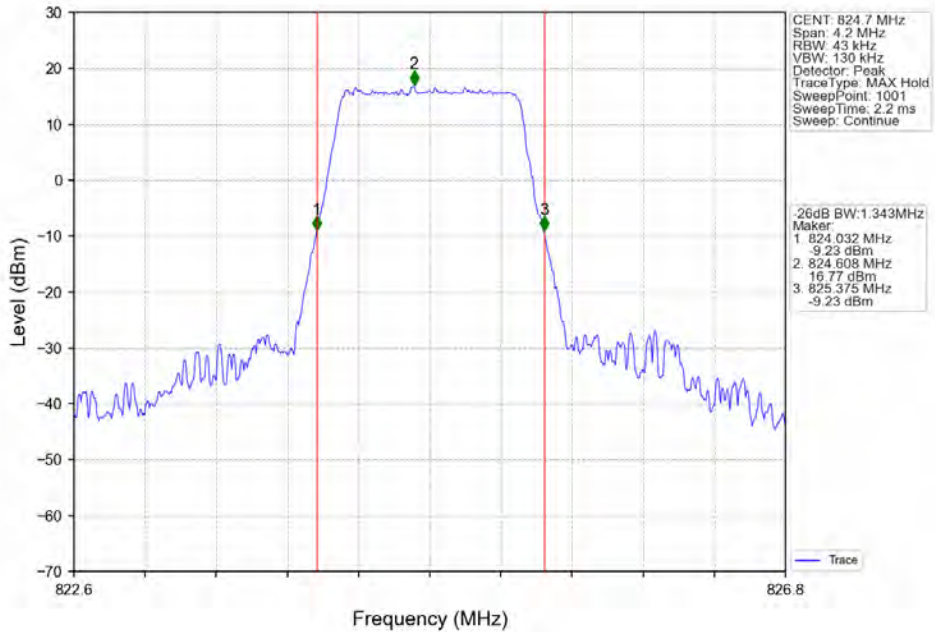


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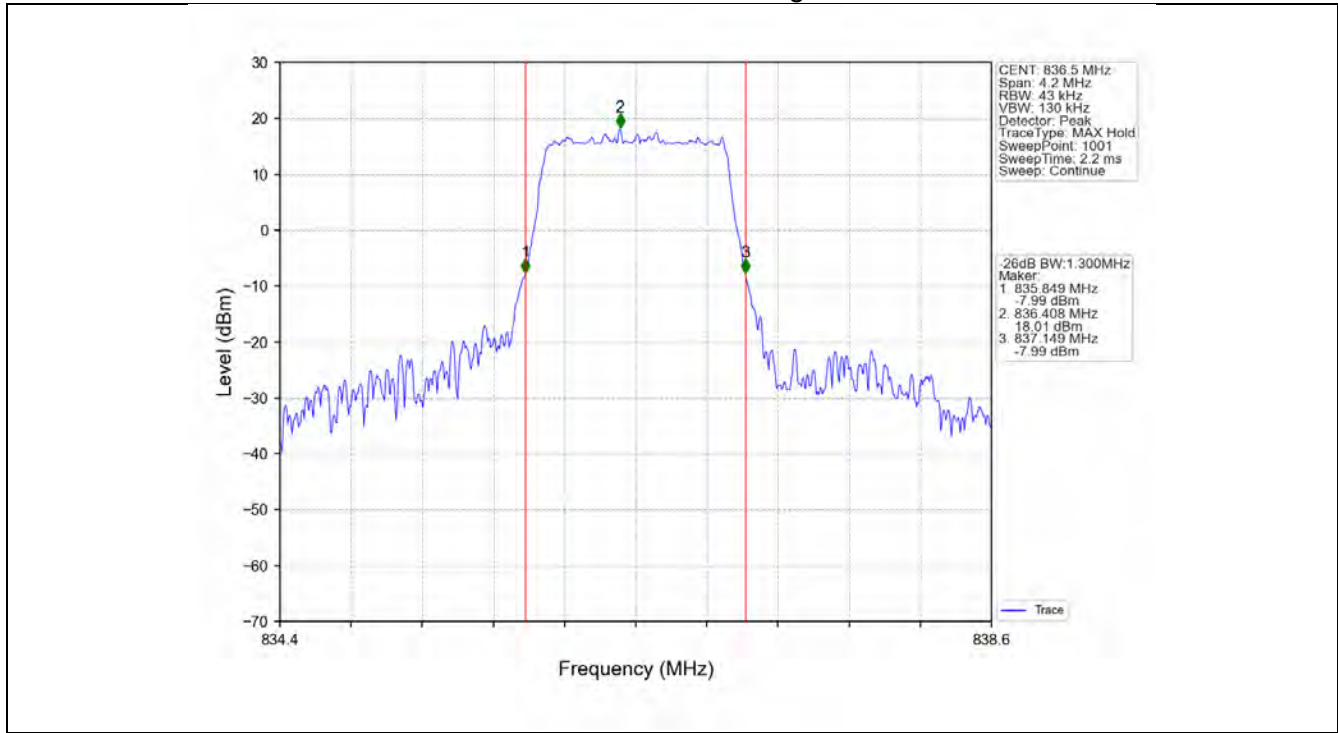
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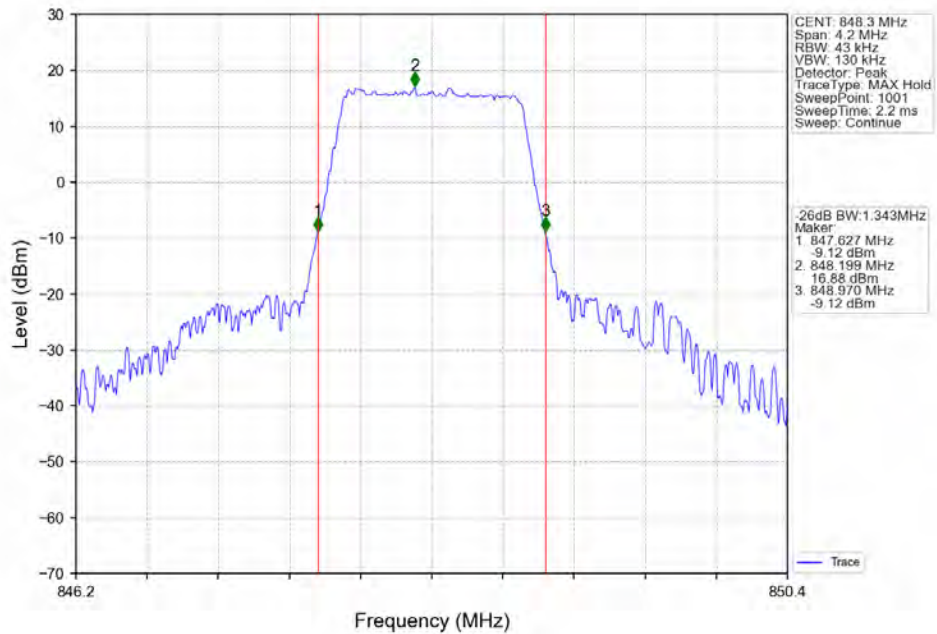


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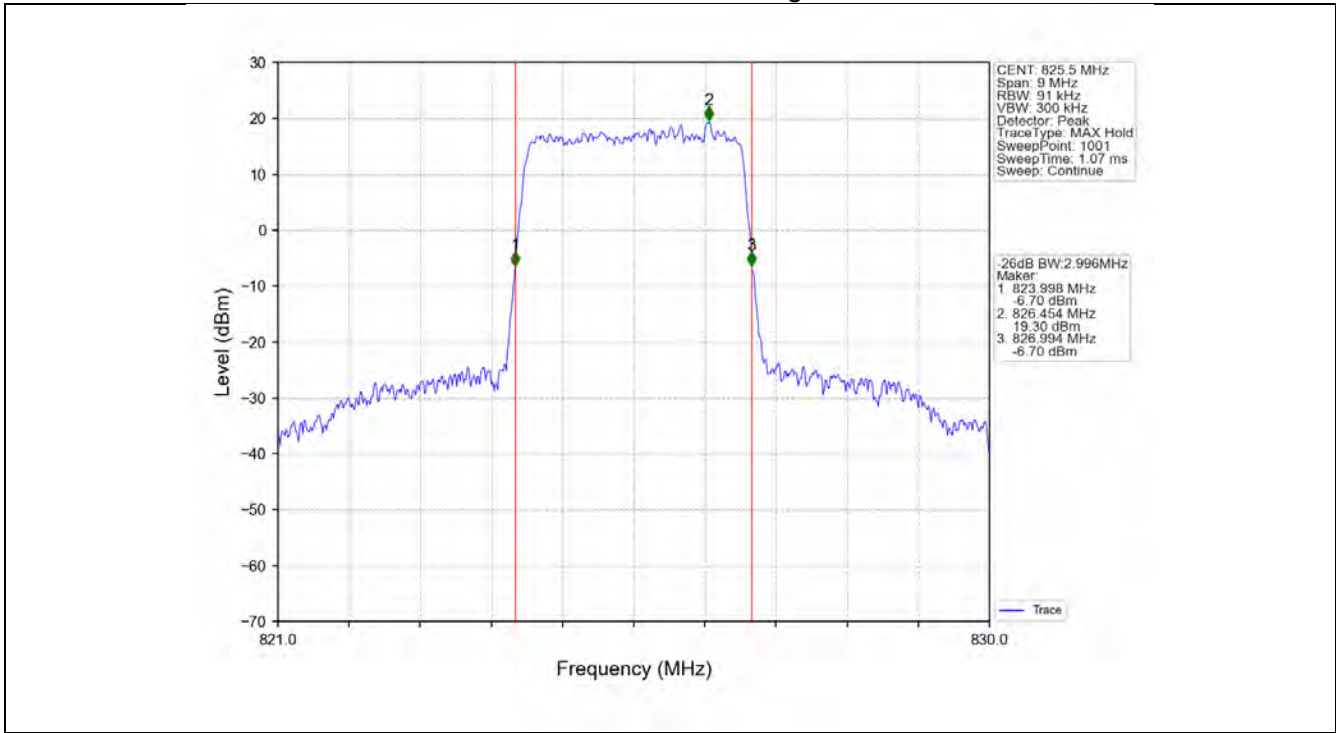
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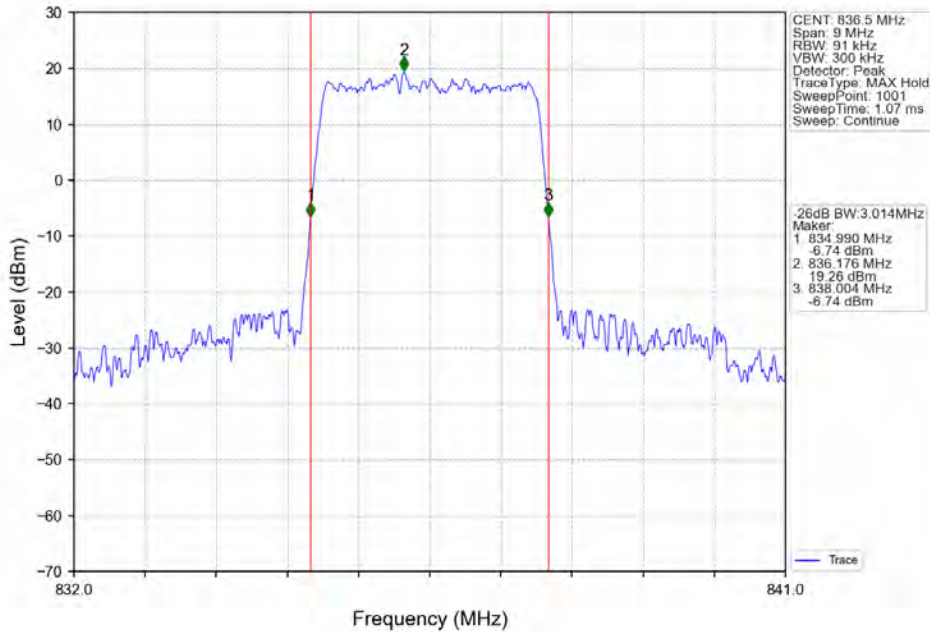


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Band26b_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



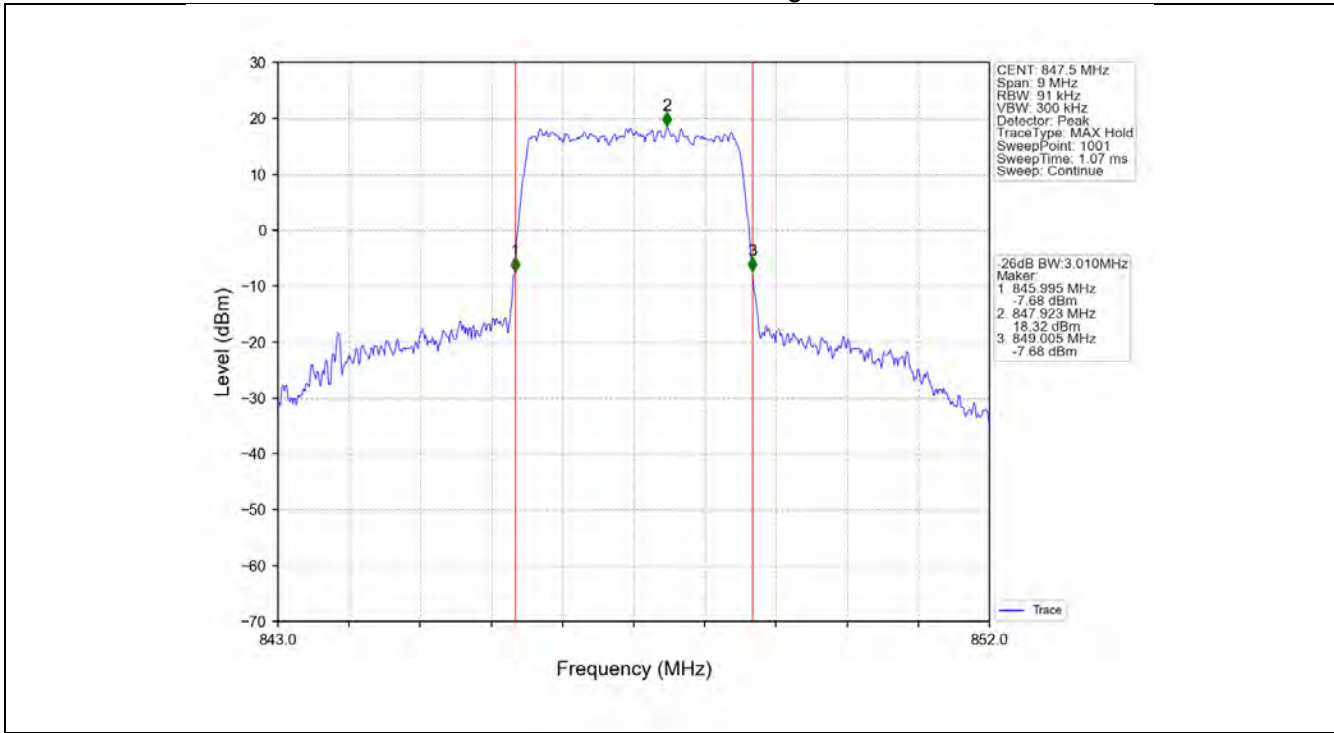
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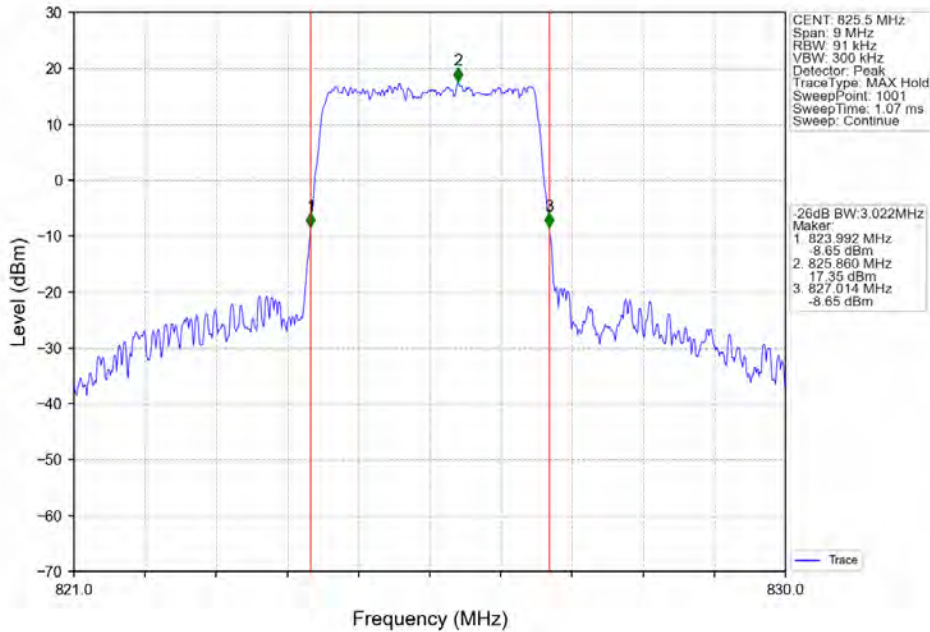


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Band26b_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



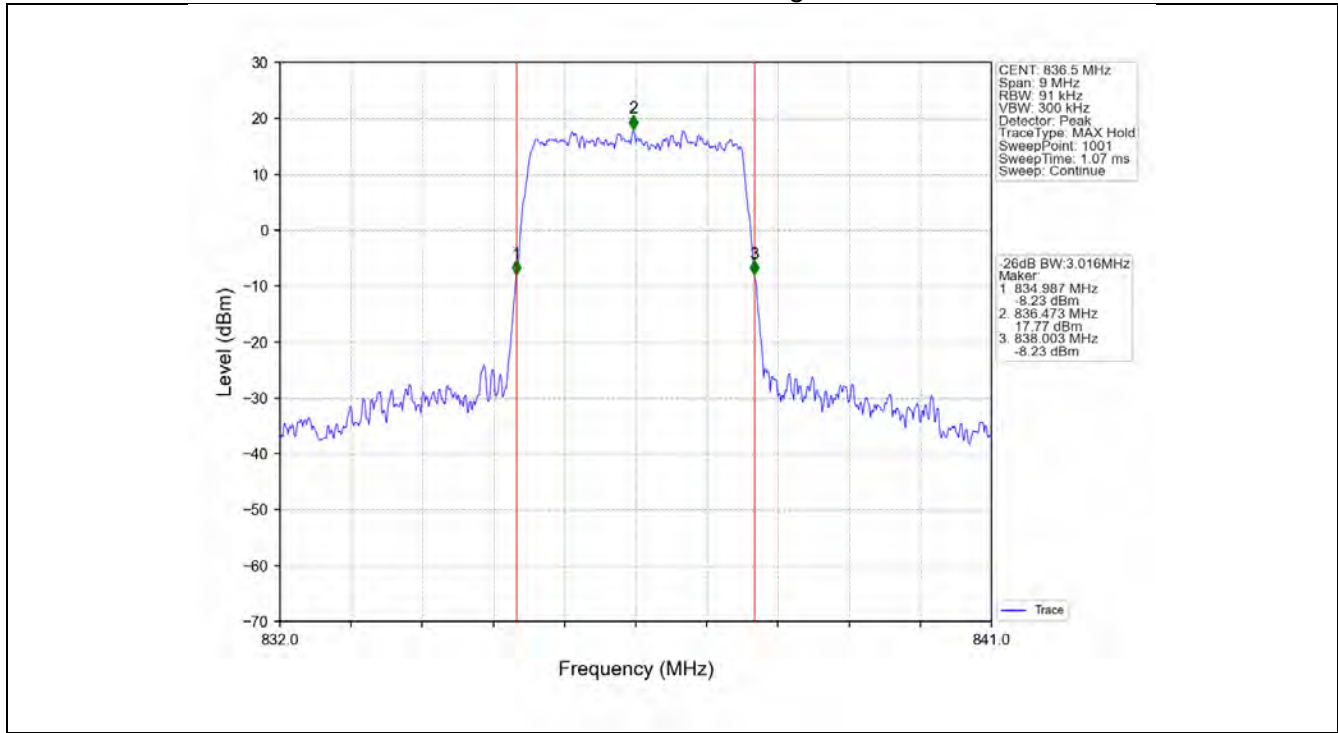
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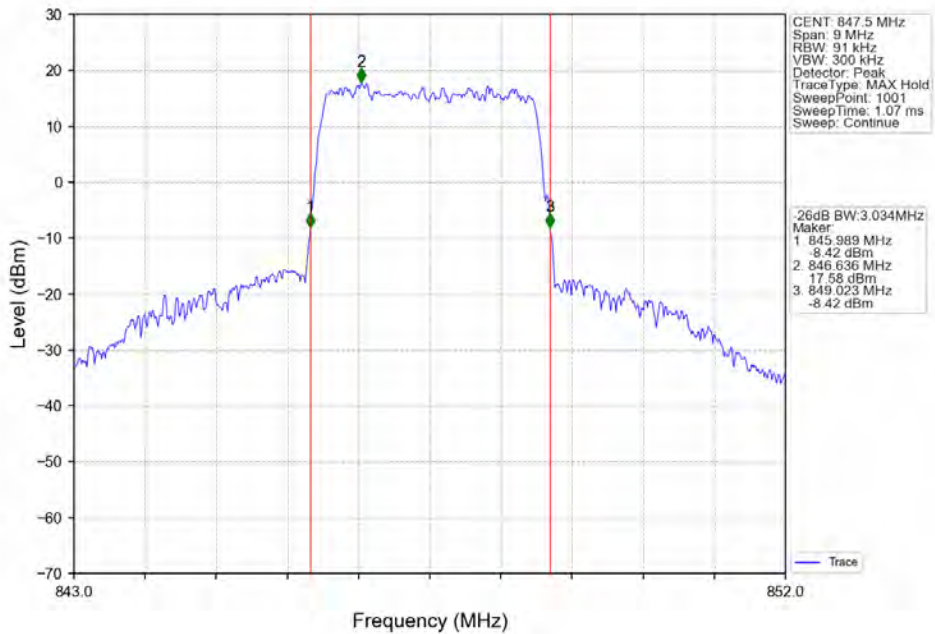


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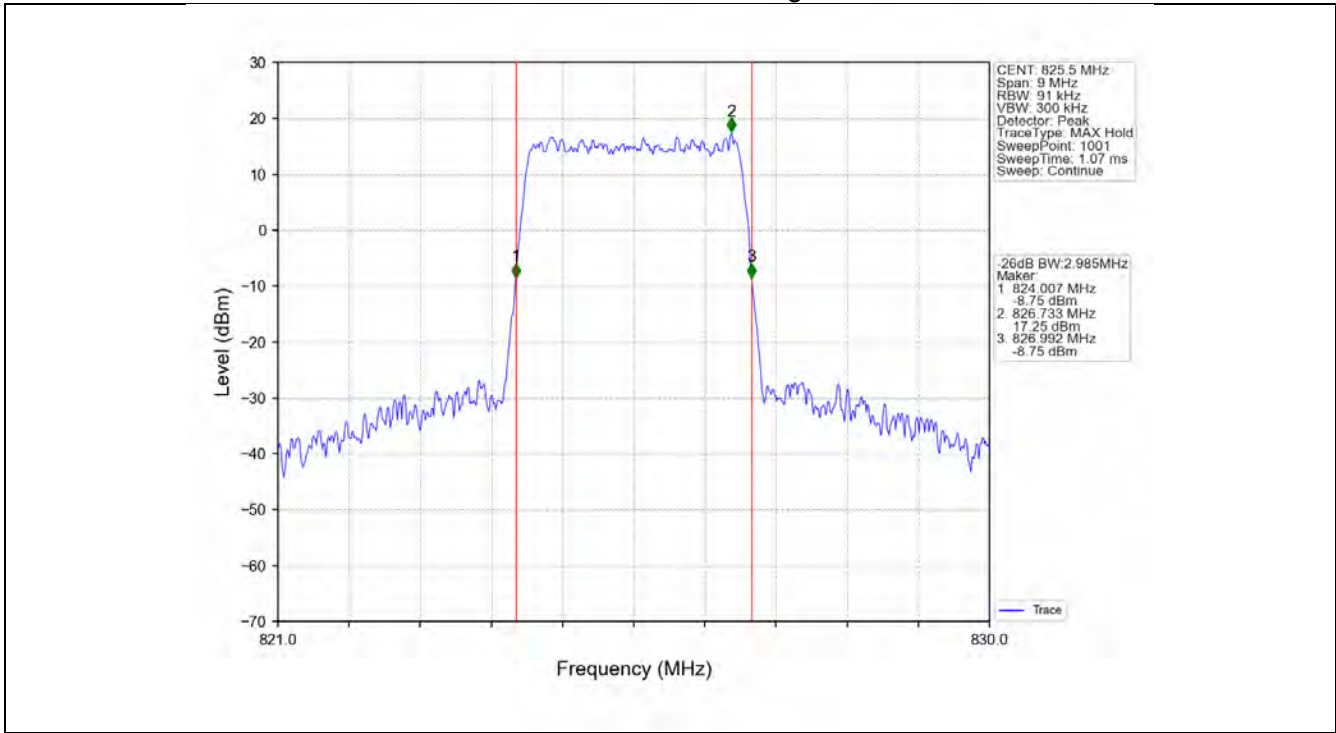
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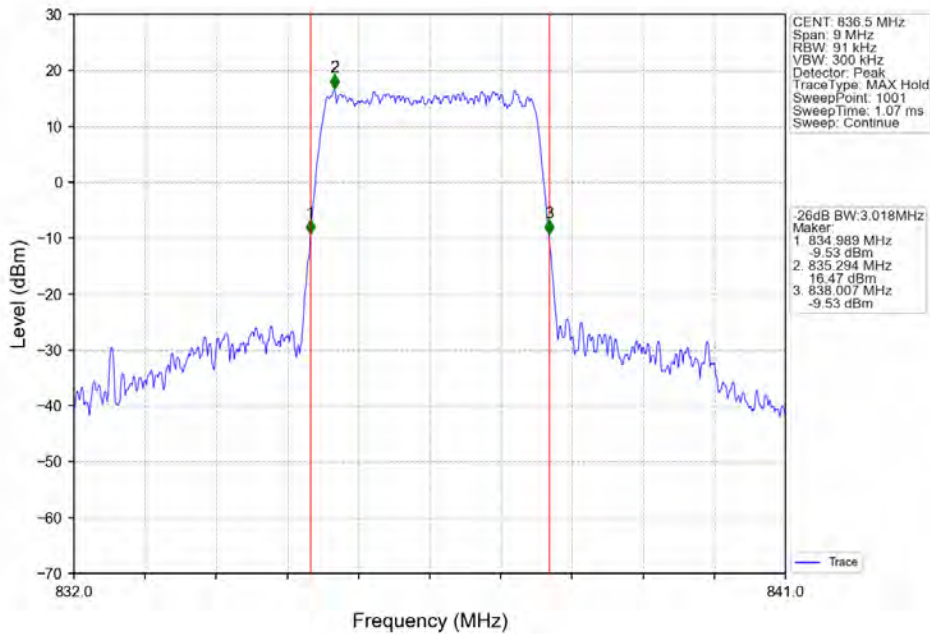


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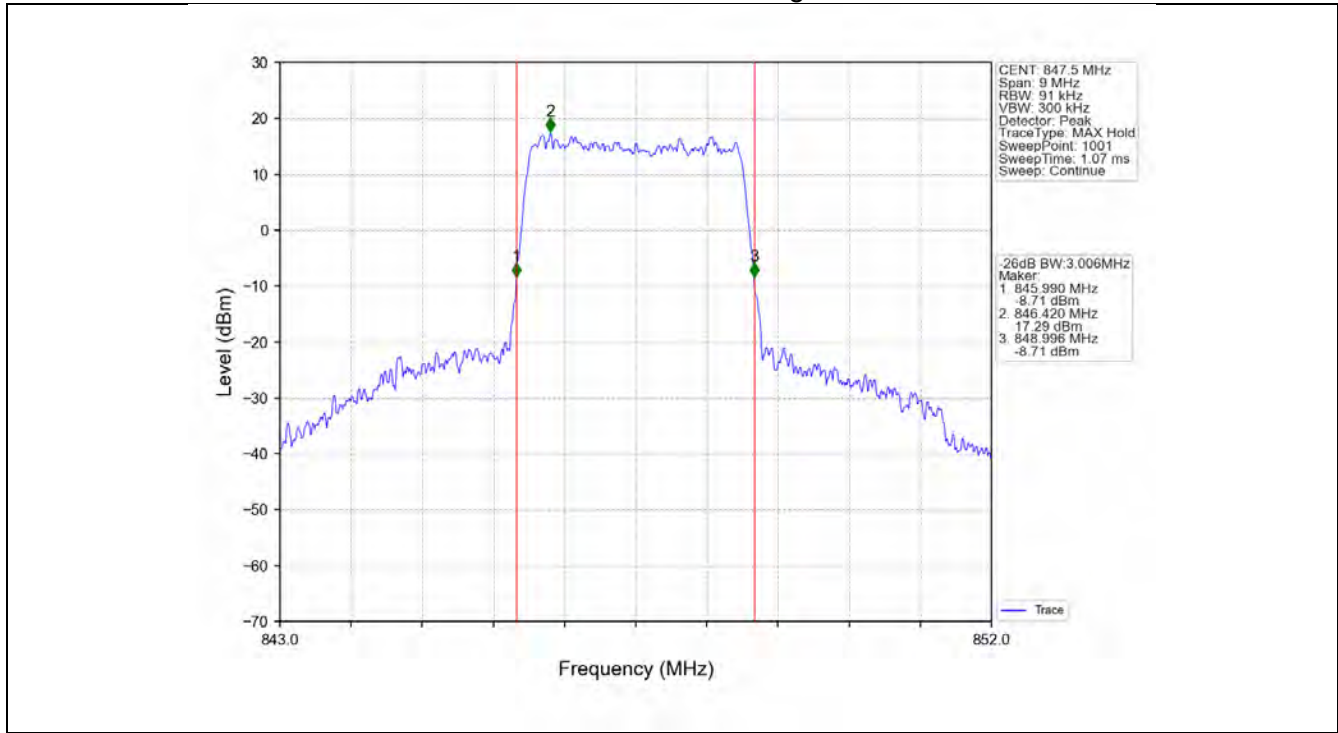
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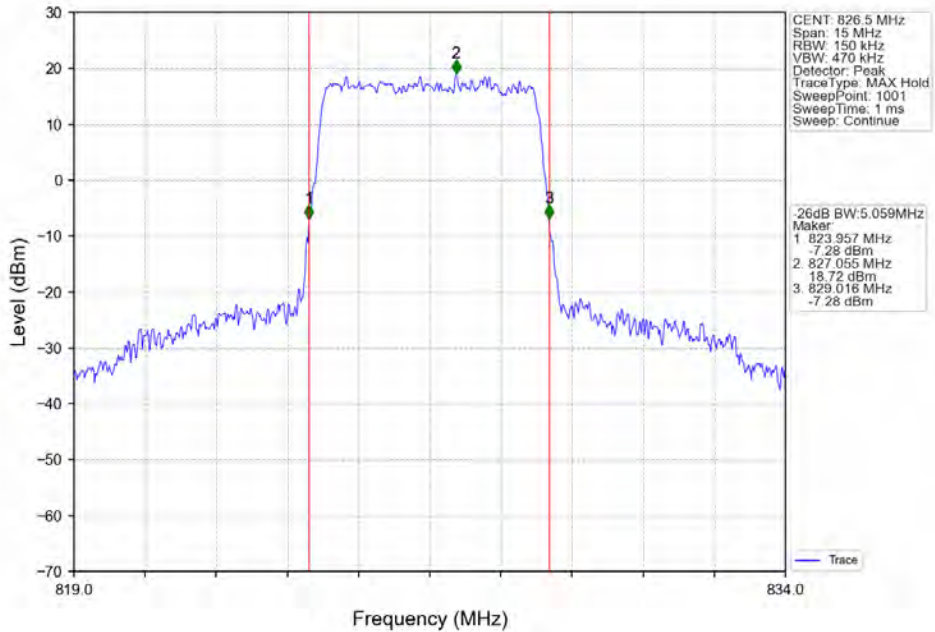


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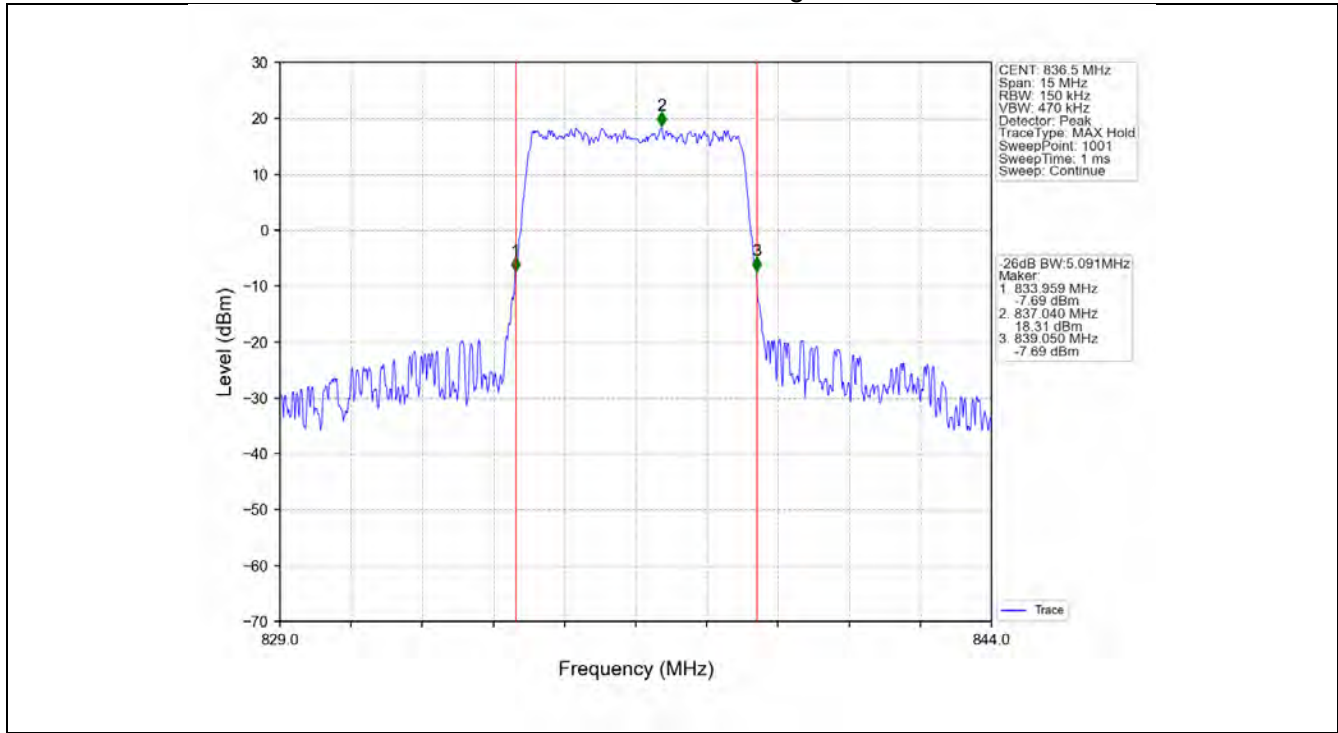
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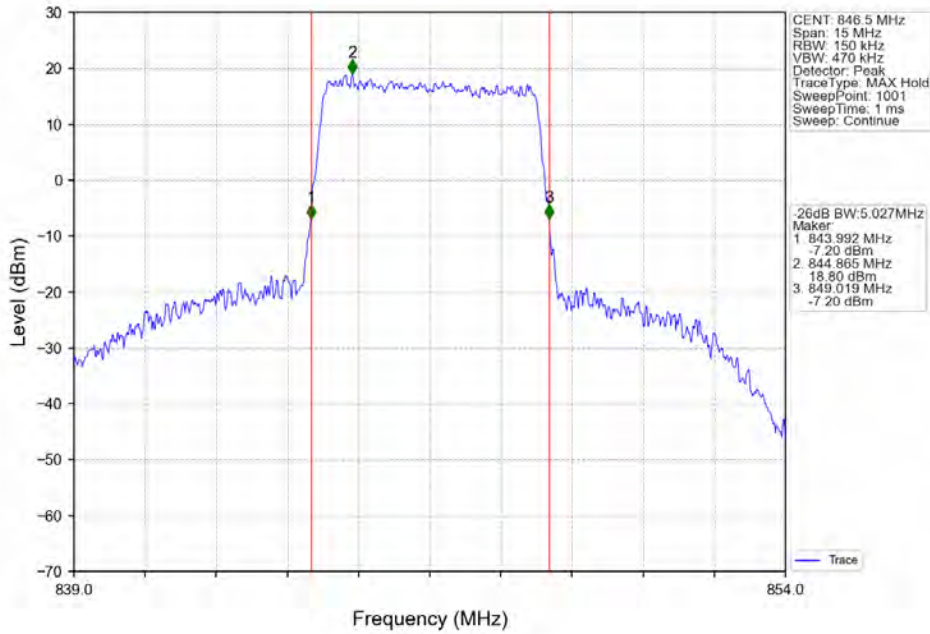


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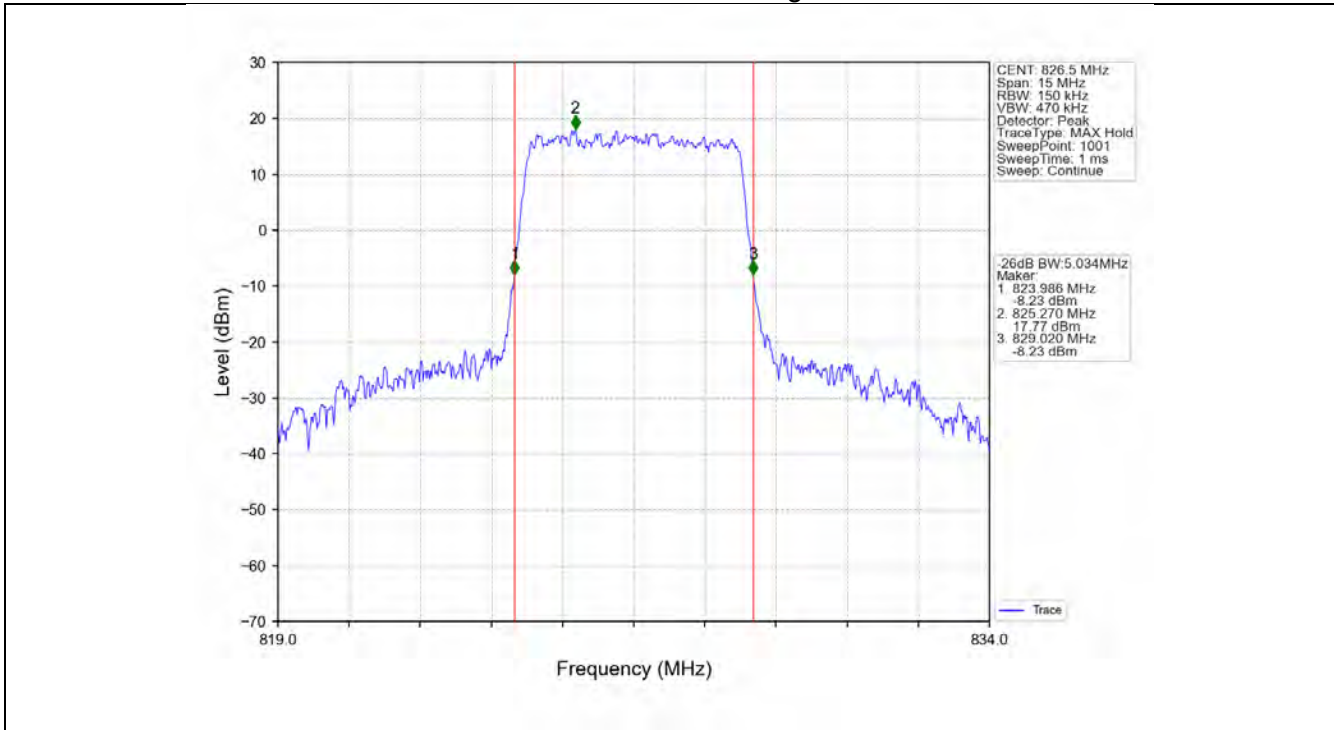
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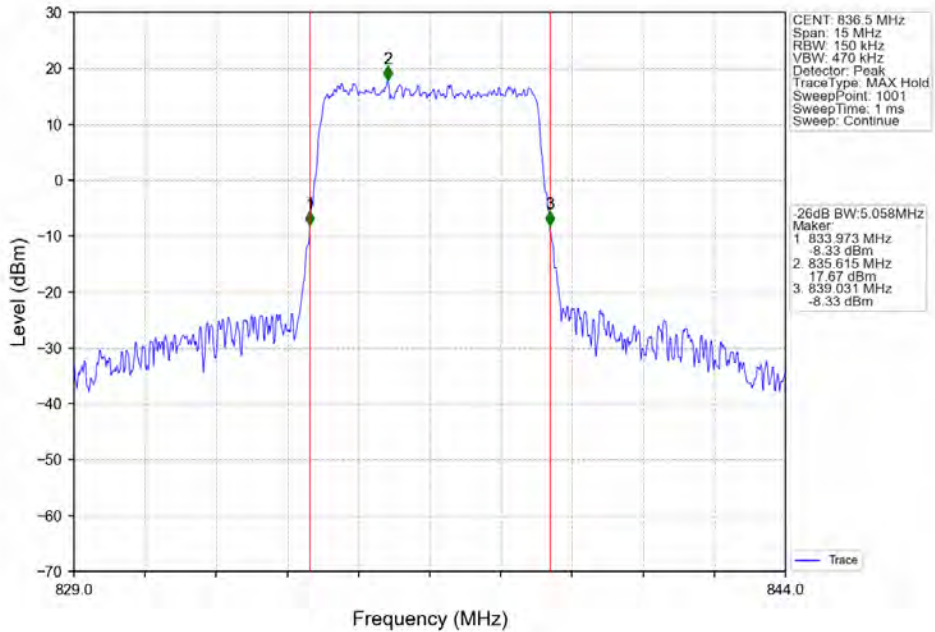
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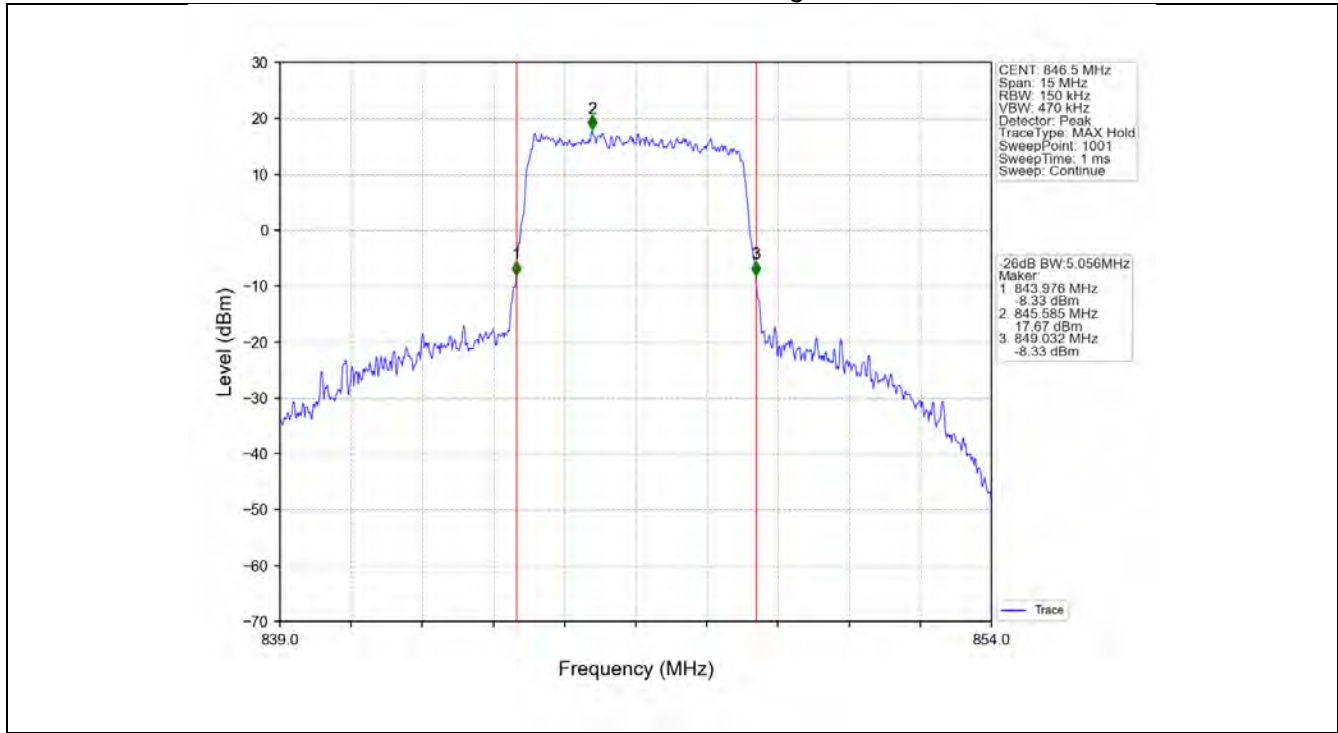
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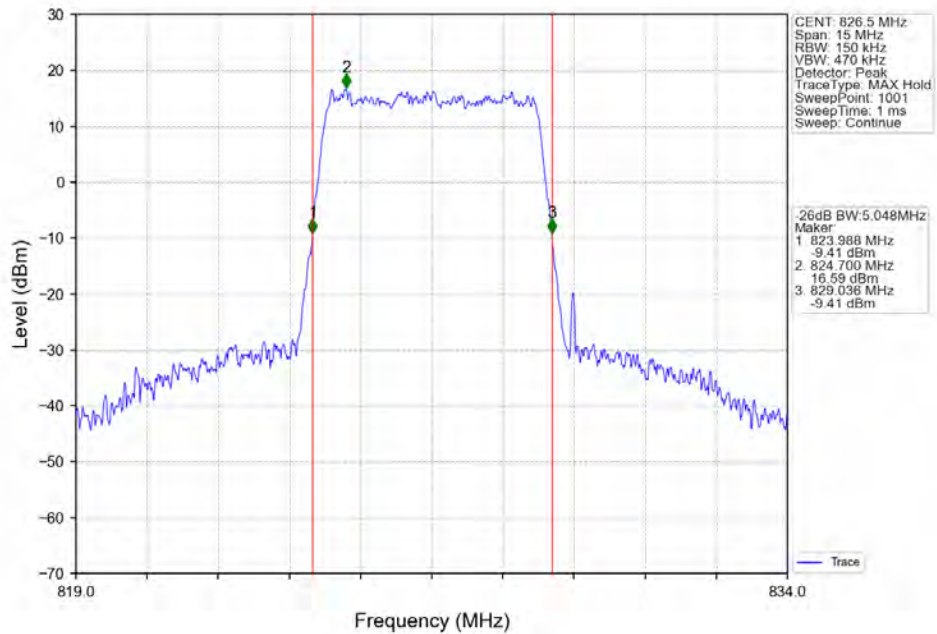


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Band26b_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



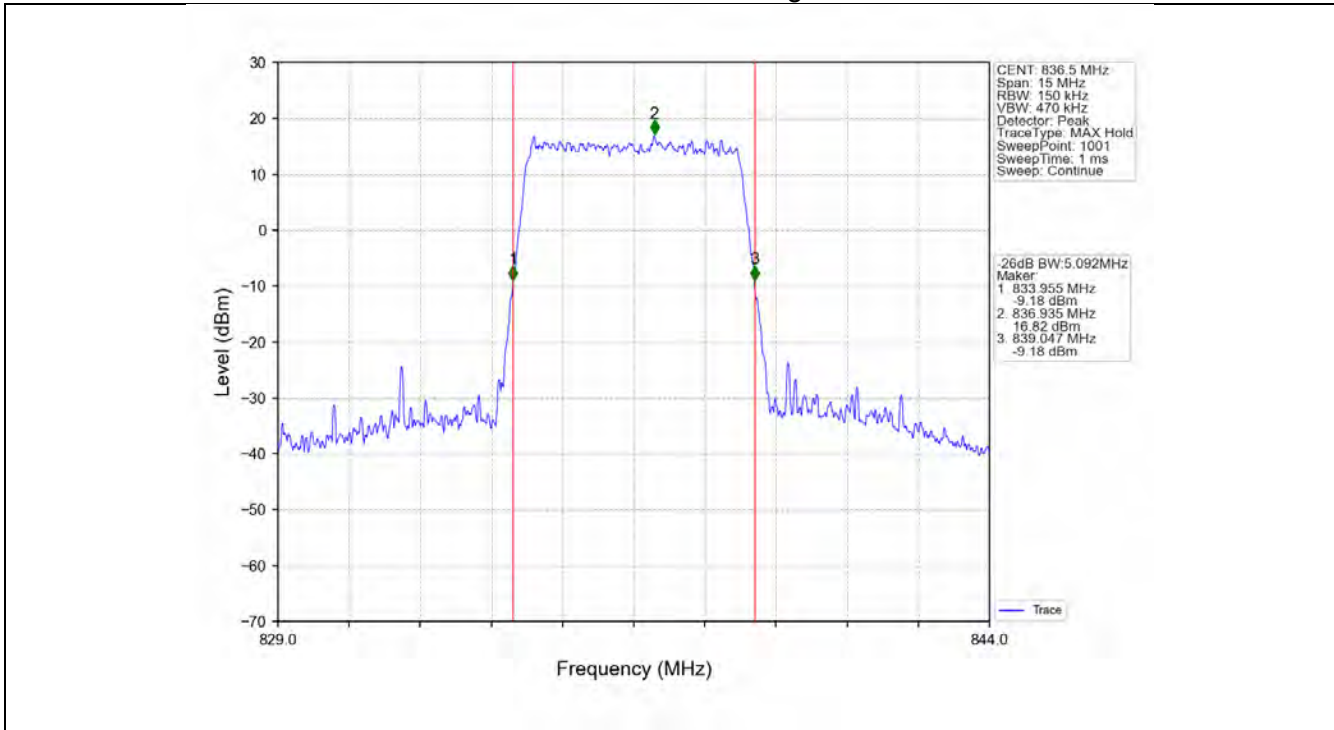
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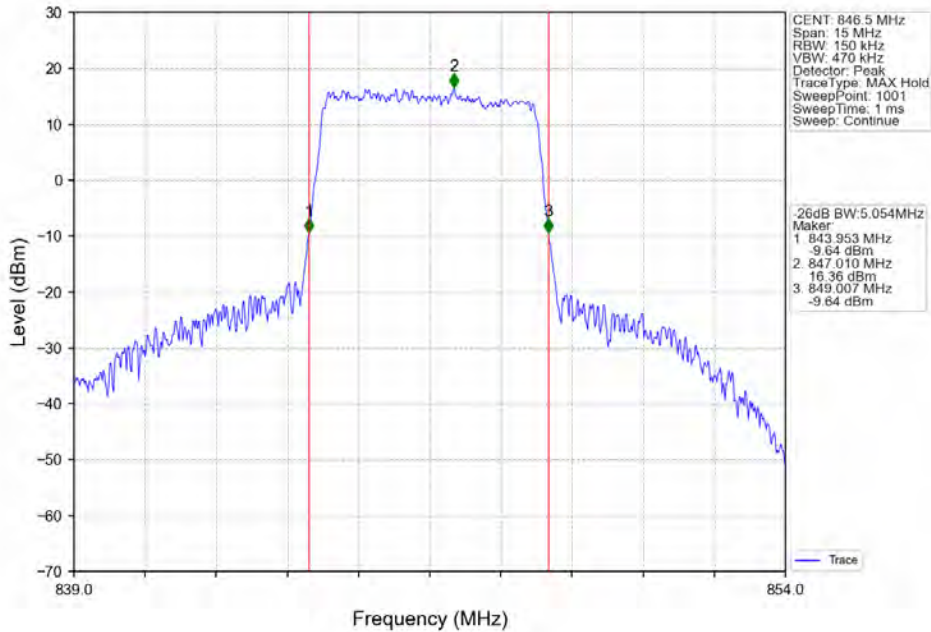


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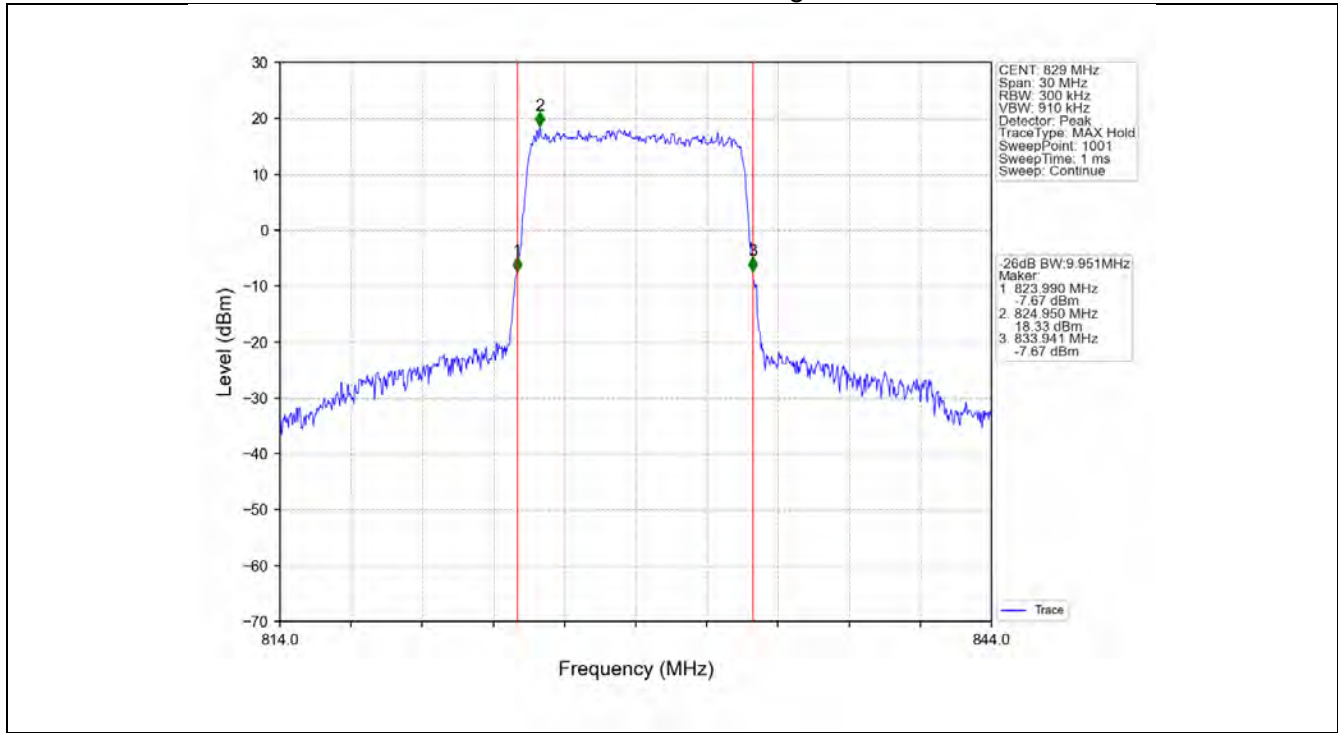
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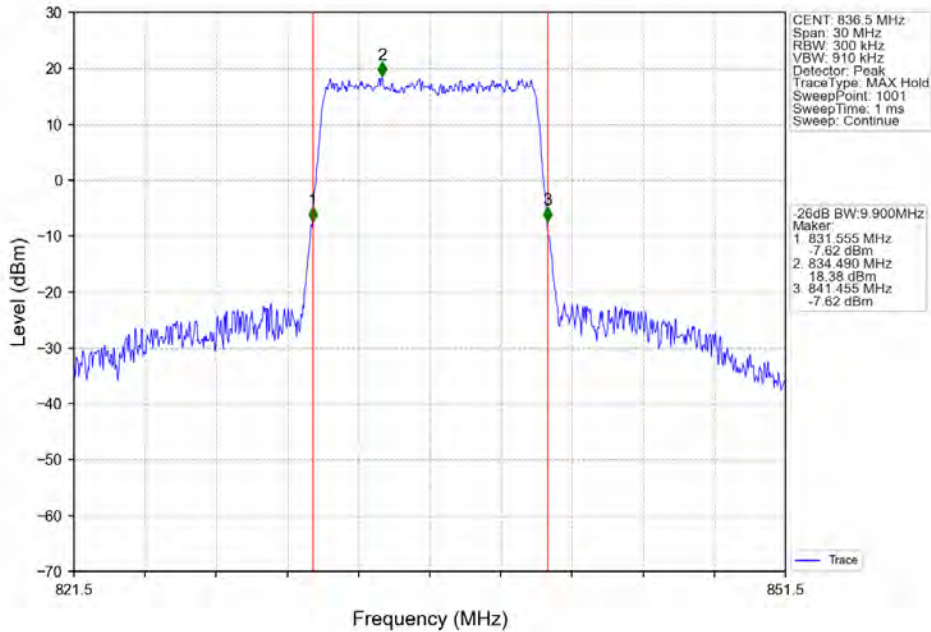


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Band26b_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



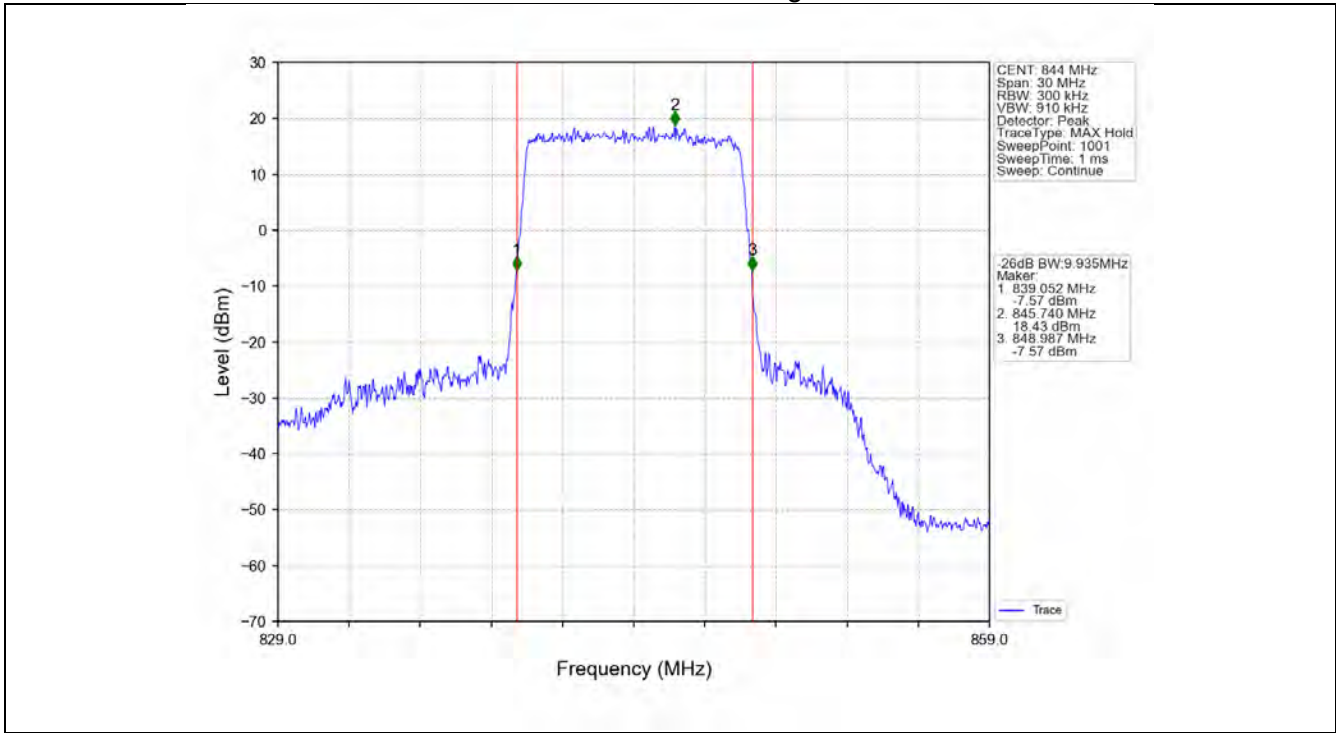
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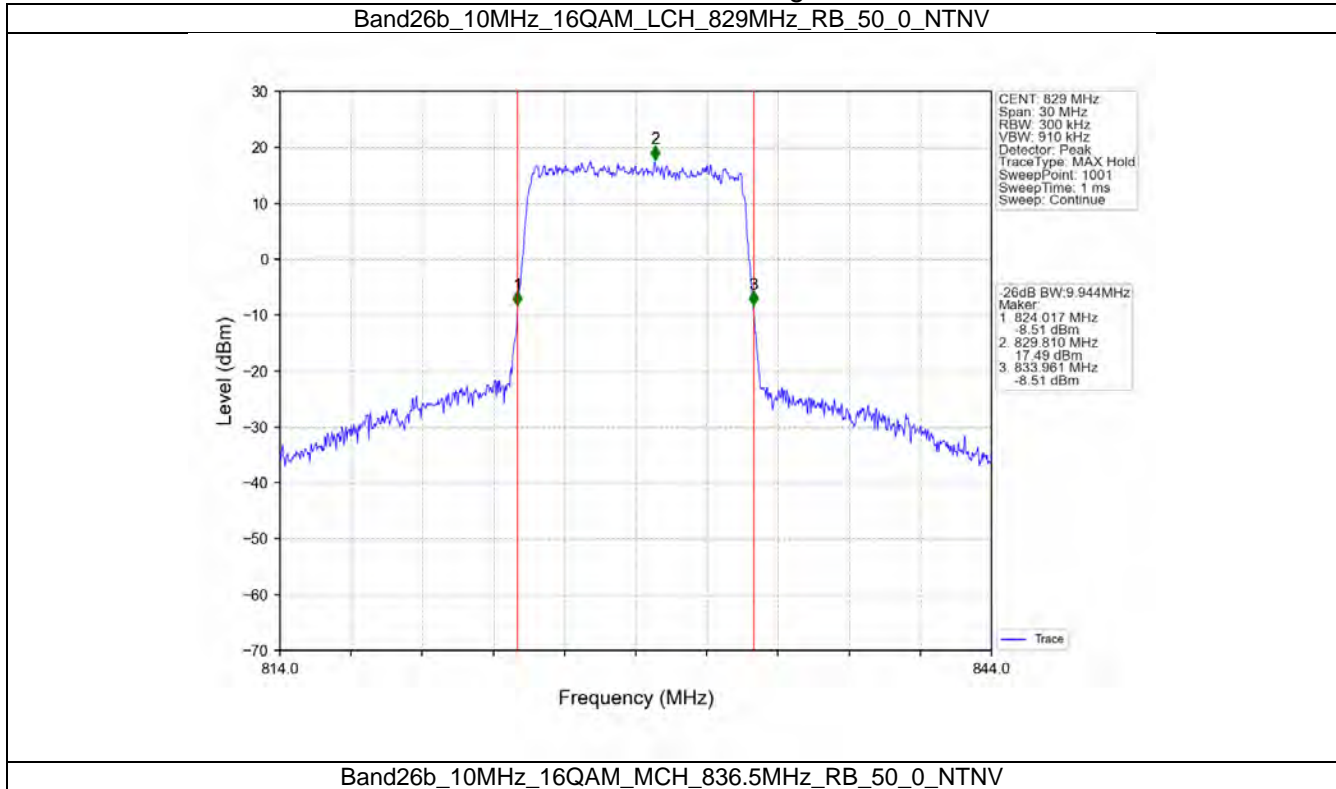
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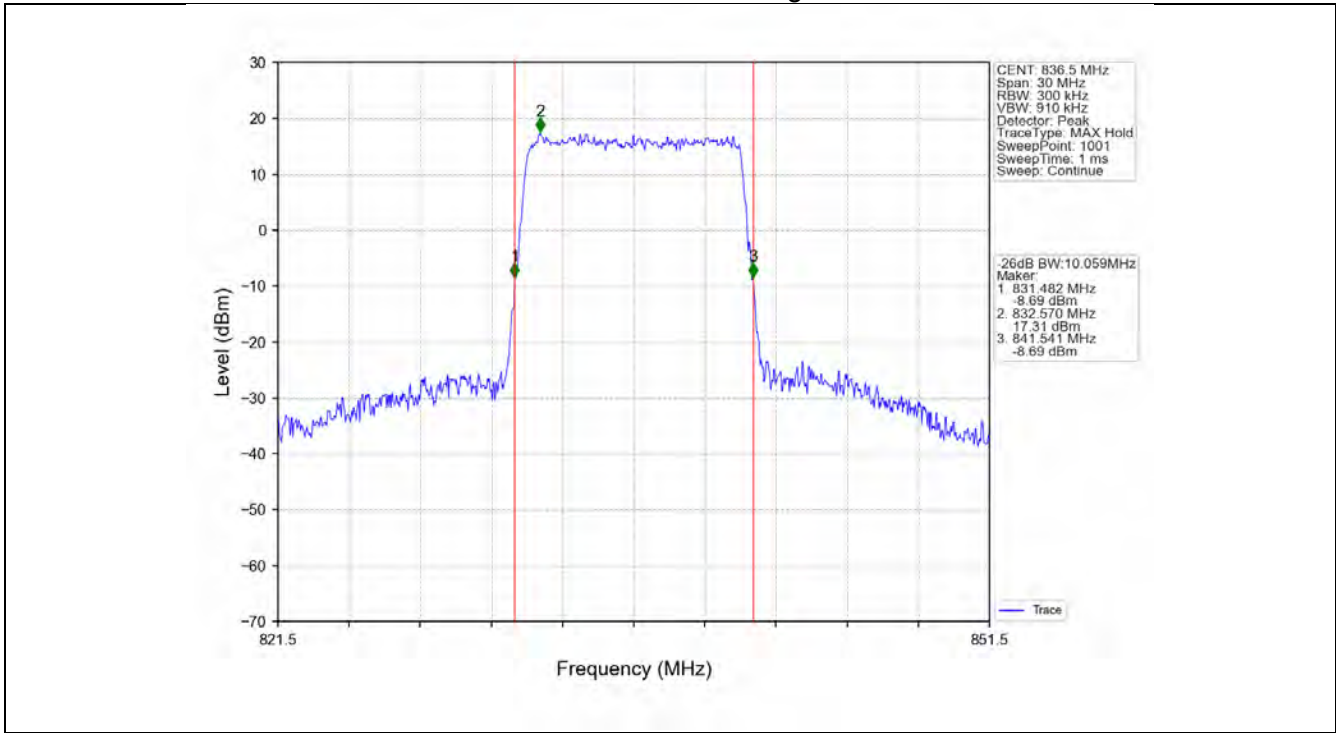
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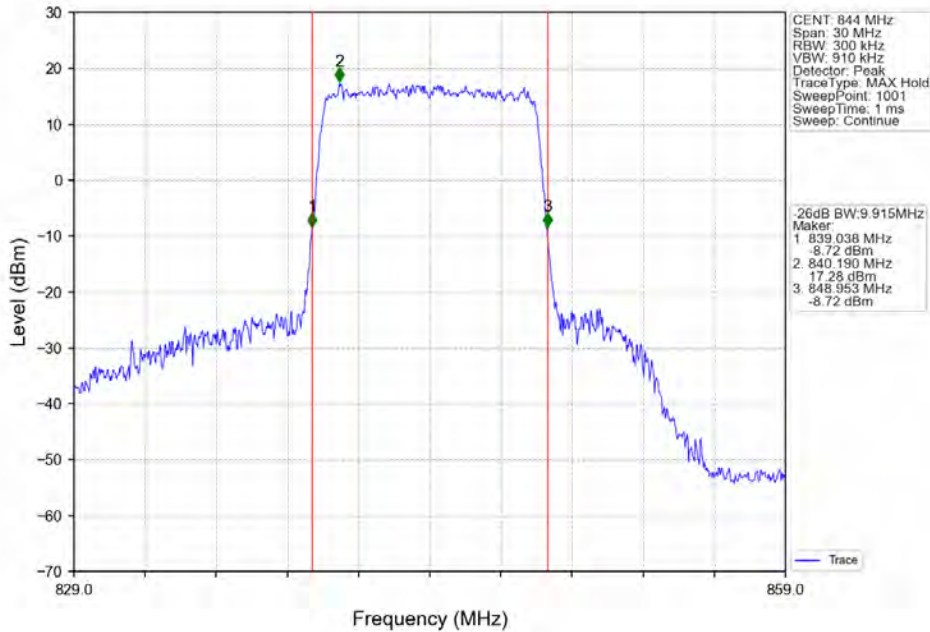


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Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



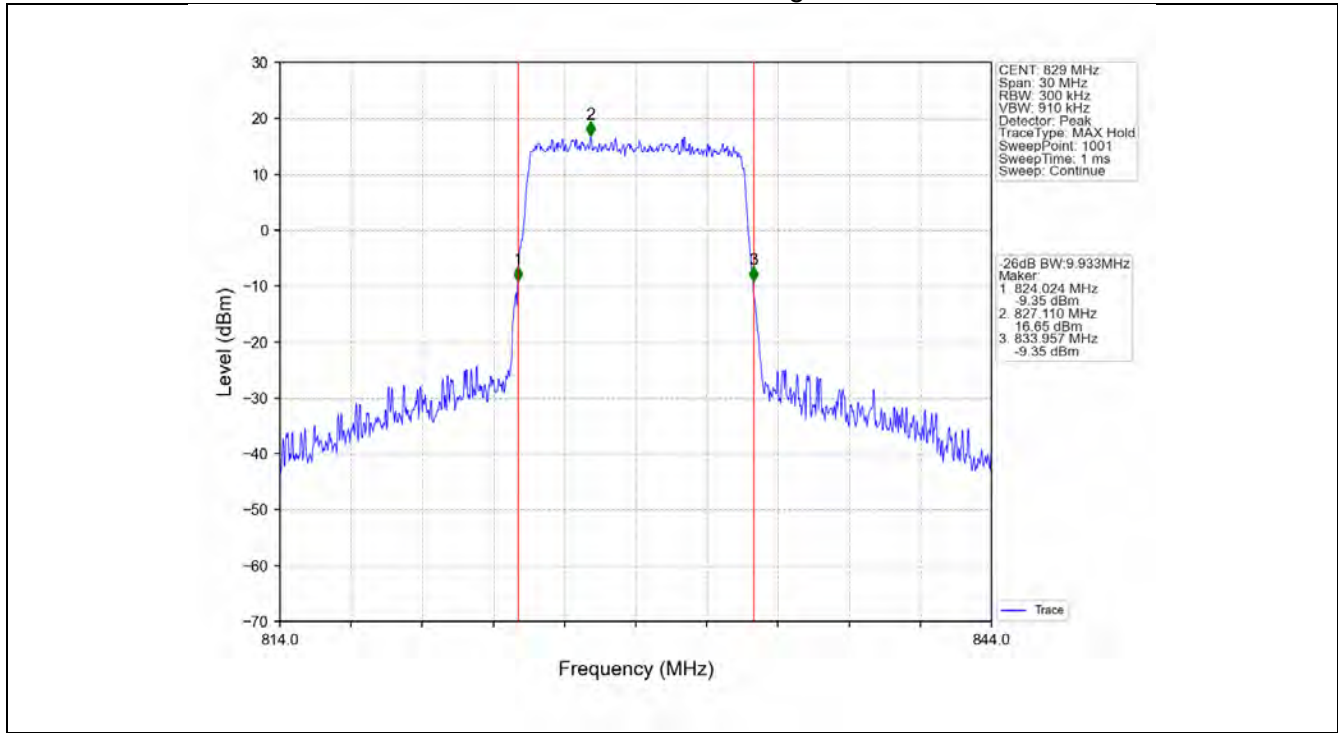
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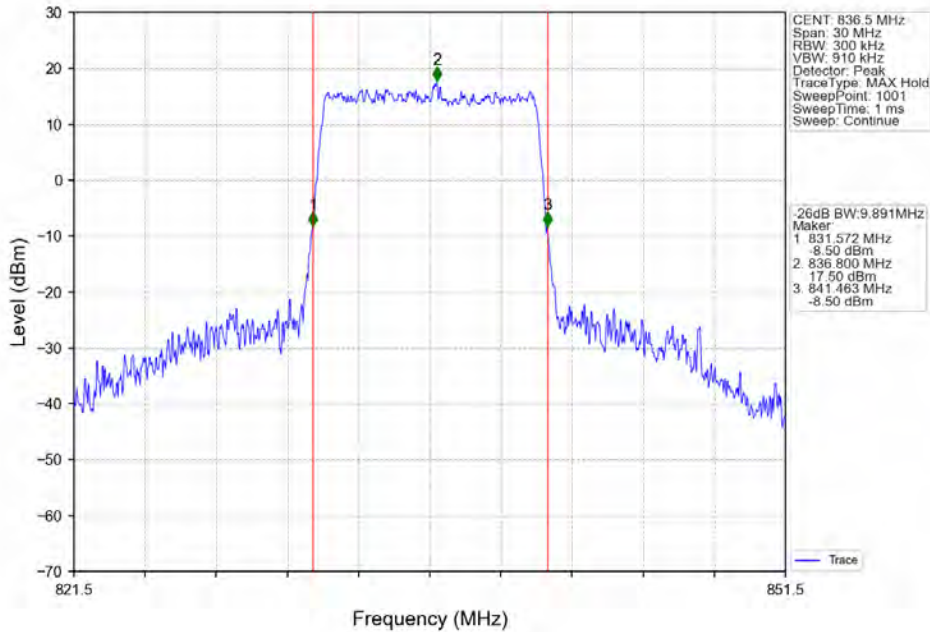


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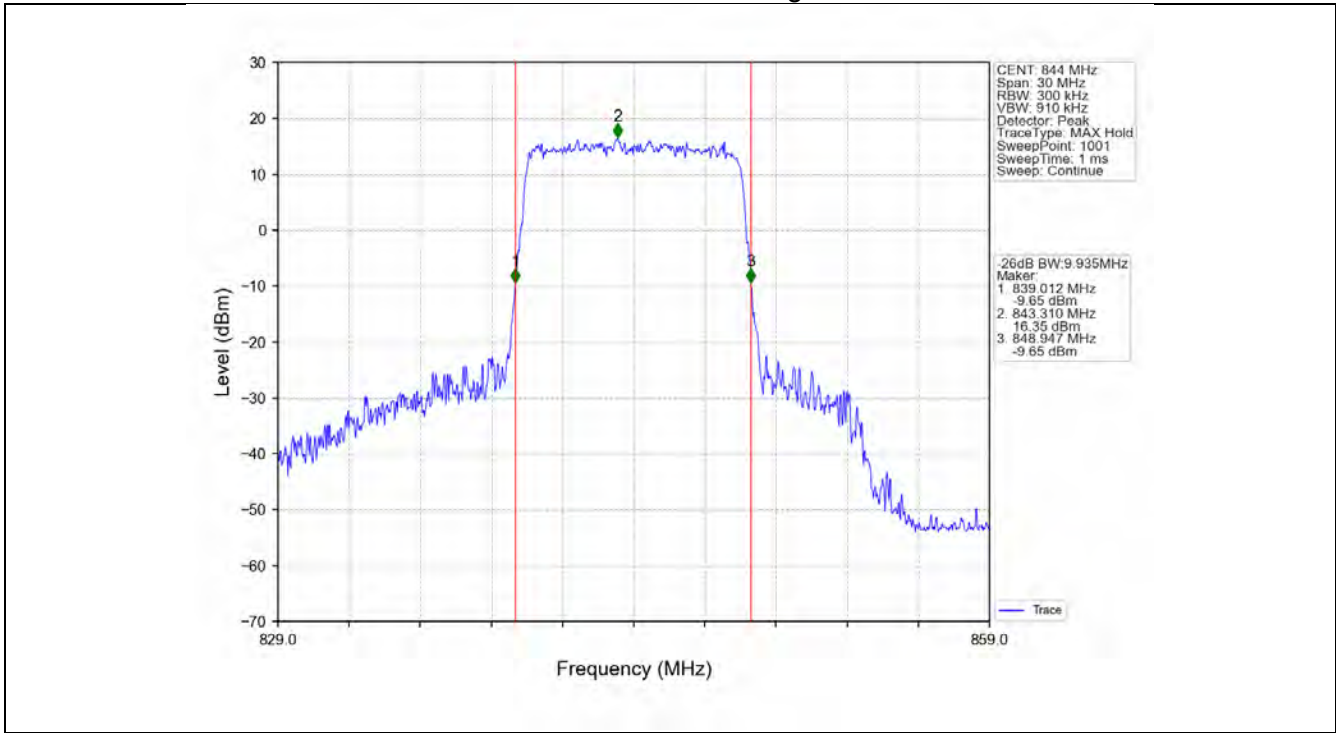
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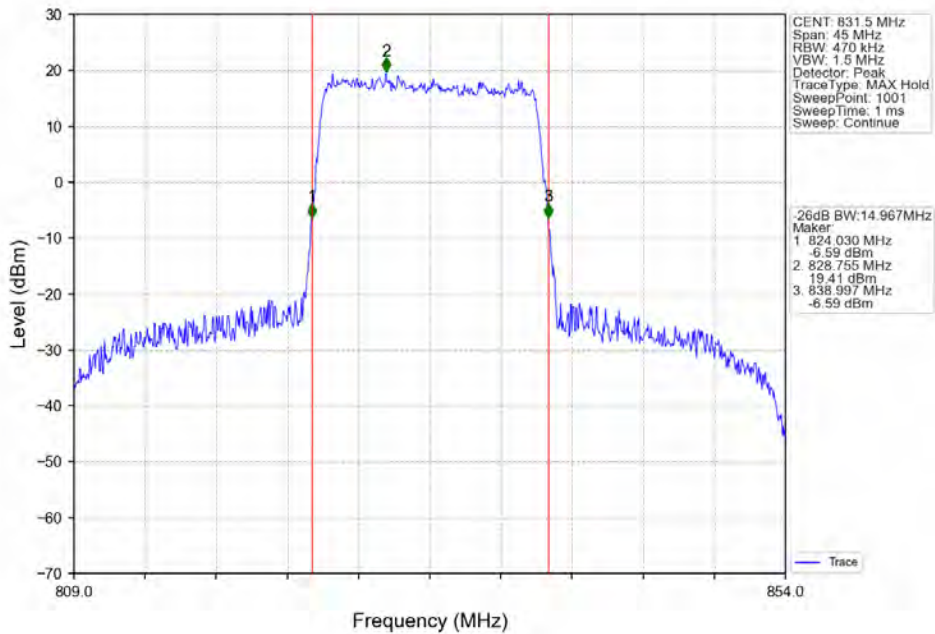


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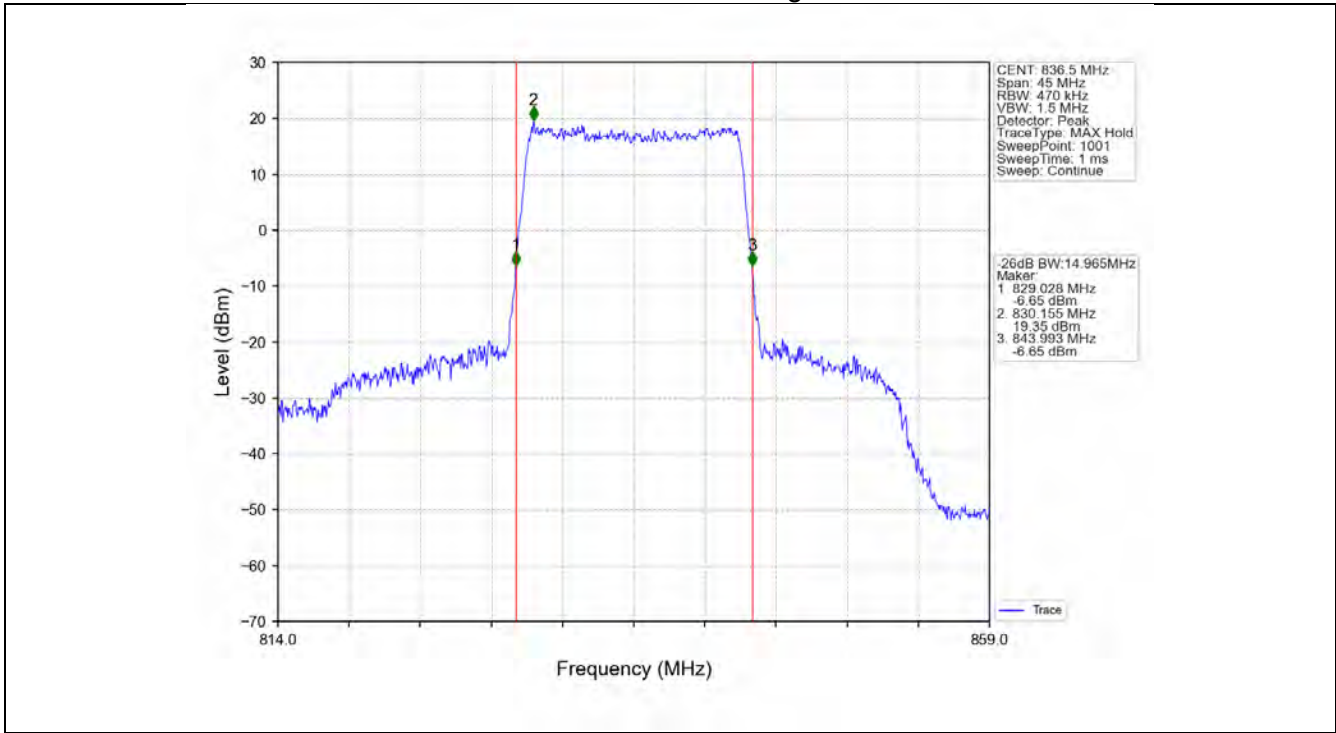
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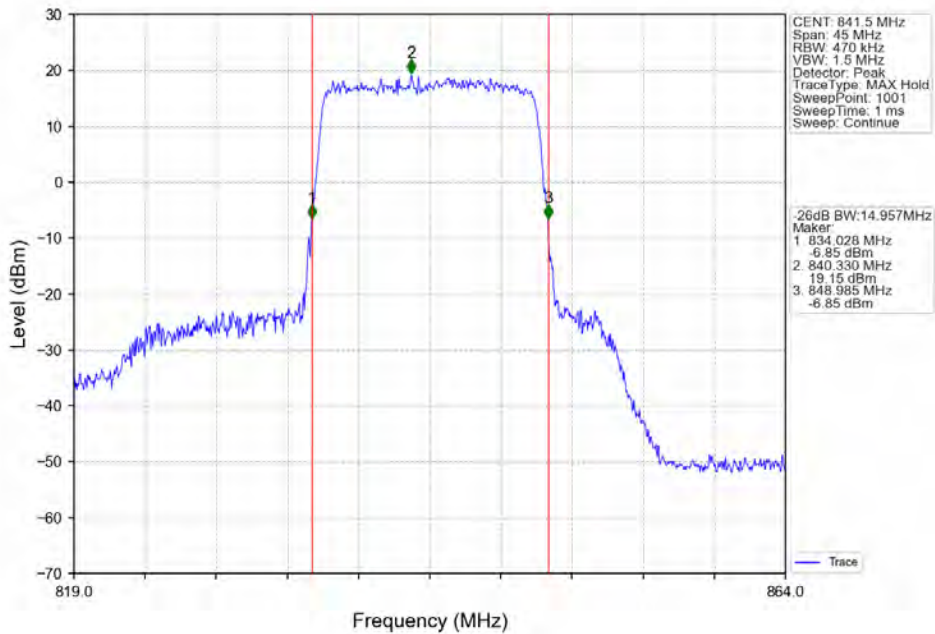


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Band26b_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



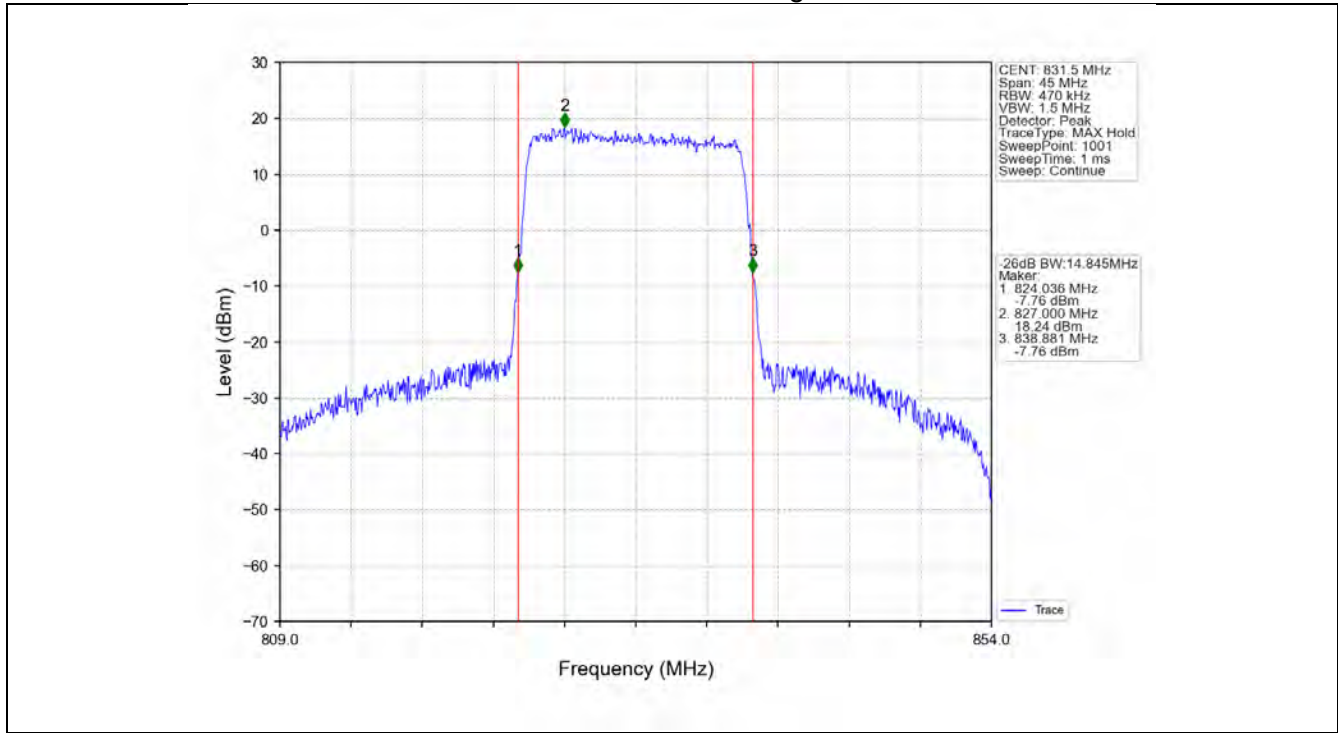
Band26b_15MHz_16QAM_LCH_831.5MHz_RB_75_0_NTNV



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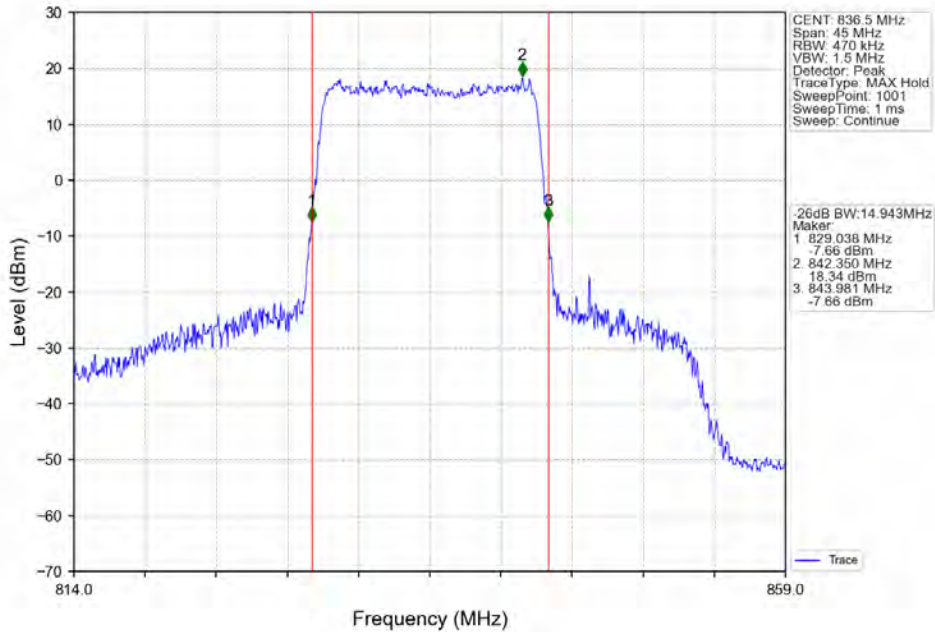


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Band26b_15MHz_16QAM_MCH_836.5MHz_RB_75_0_NTNV



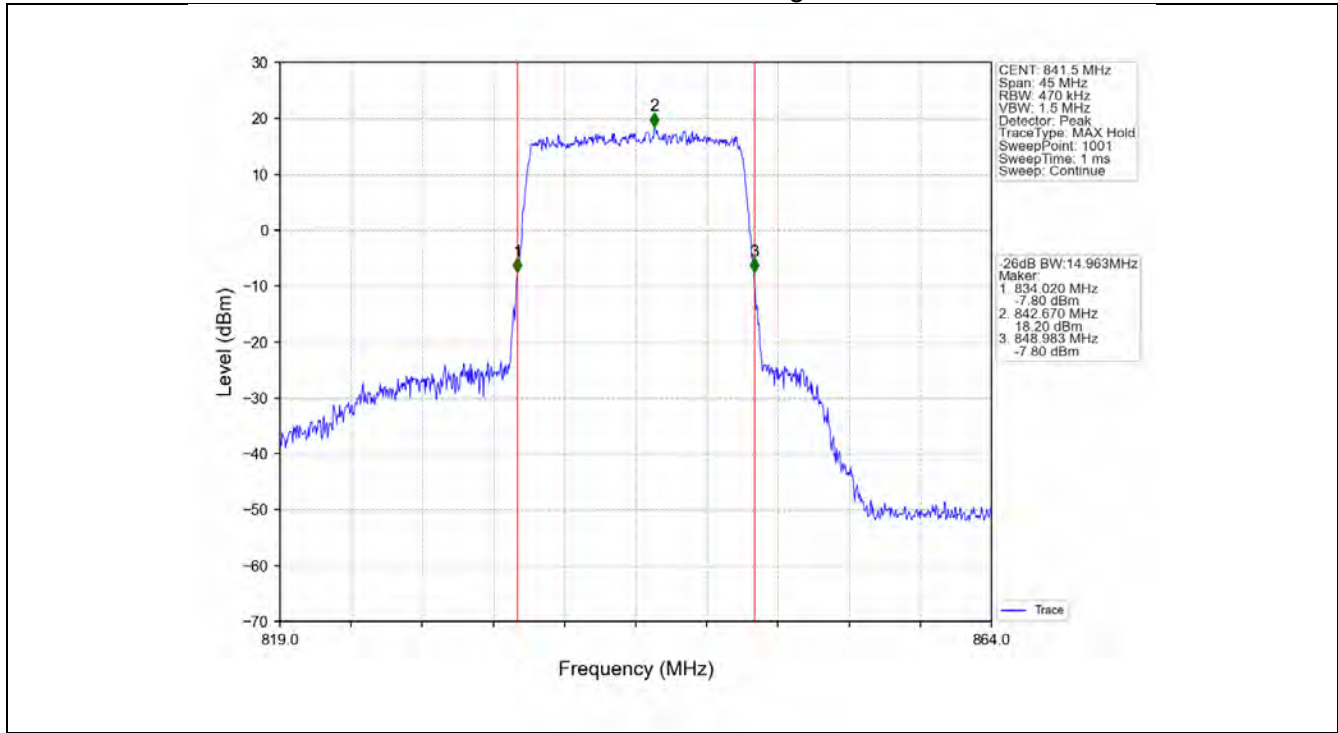
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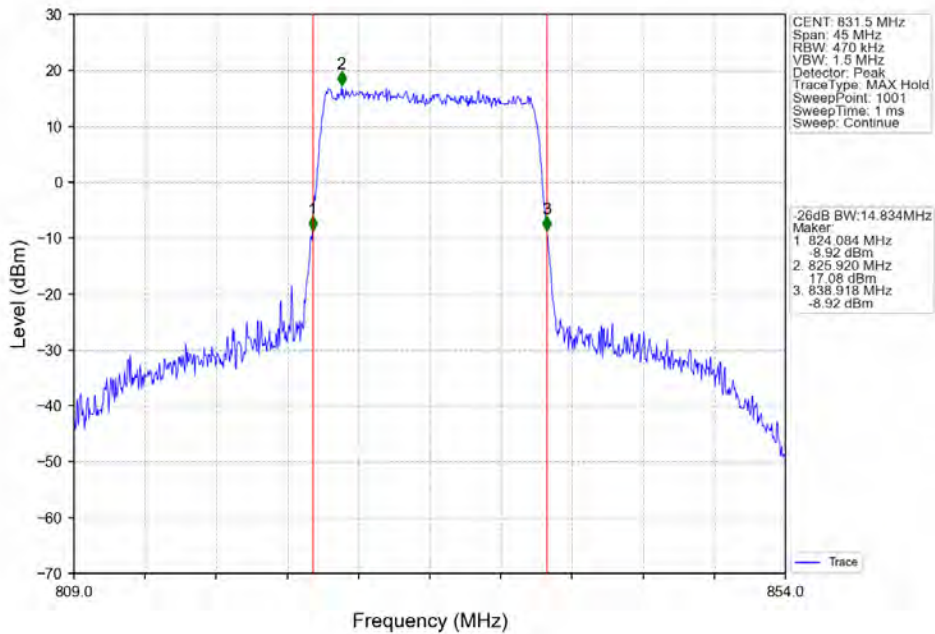


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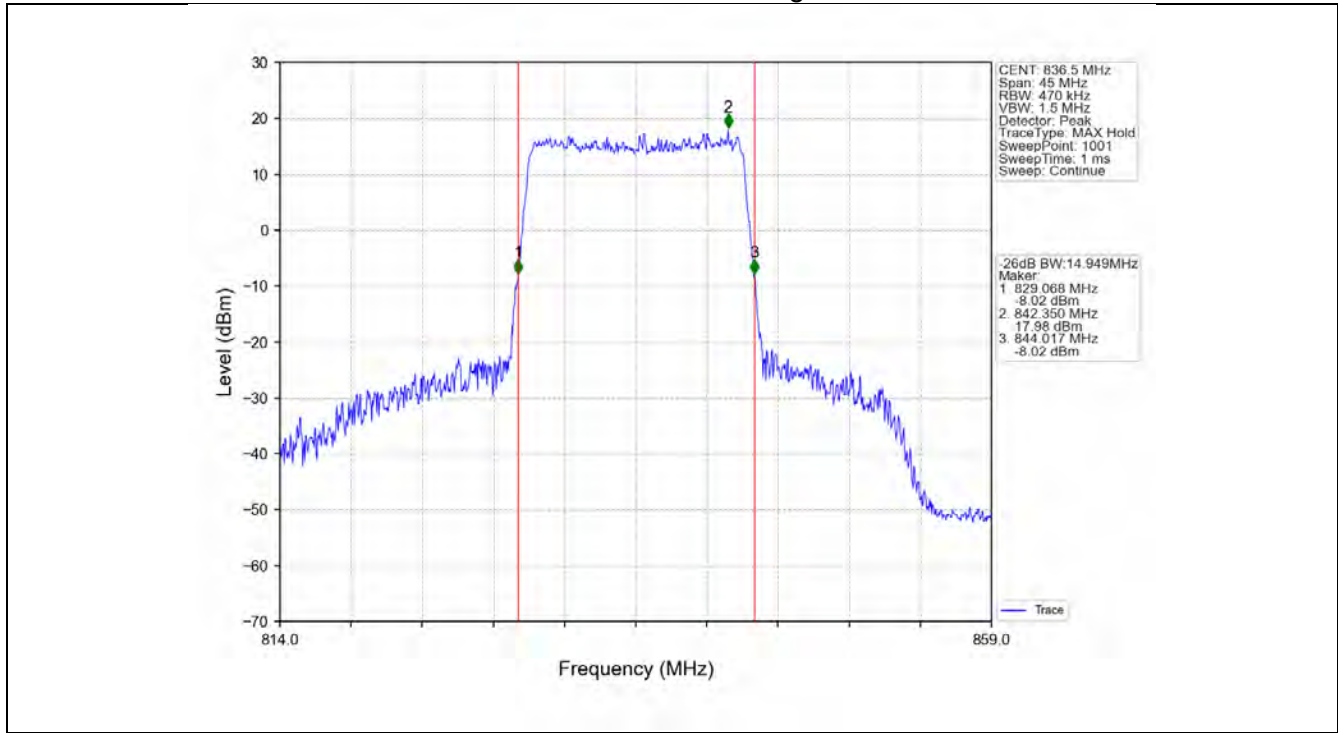
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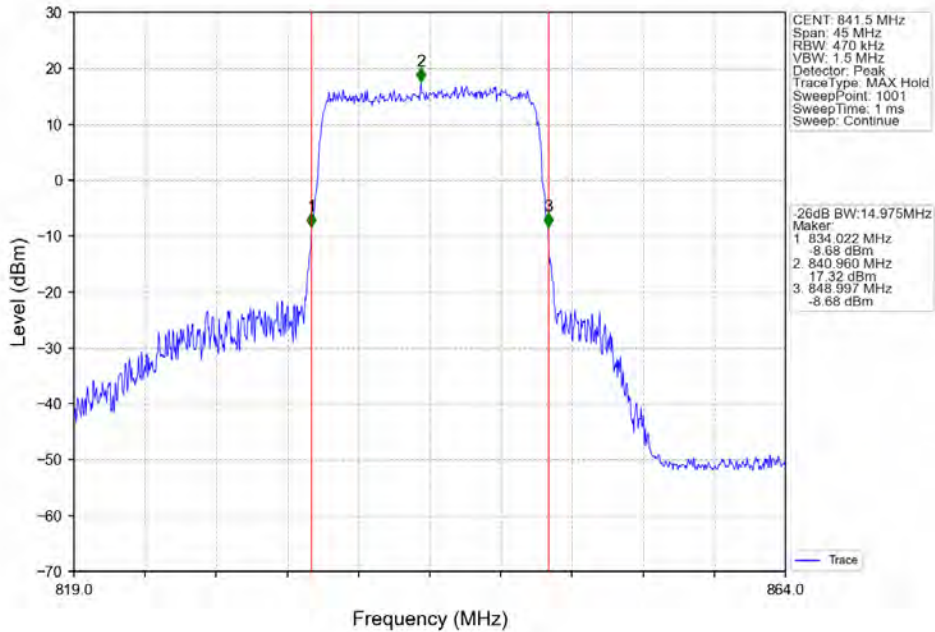


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4. Peak-Average Ratio

4.1 Test Result

4.1.1 B26b_1.4MHz

Band: 26b / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	5.39	<=13	Pass
	836.5	6	0	5.59	<=13	Pass
	848.3	6	0	4.87	<=13	Pass
16QAM	824.7	6	0	6.23	<=13	Pass
	836.5	6	0	6.34	<=13	Pass
	848.3	6	0	5.64	<=13	Pass
64QAM	824.7	6	0	6.25	<=13	Pass
	836.5	6	0	6.81	<=13	Pass
	848.3	6	0	6.21	<=13	Pass

4.1.2 B26b_3MHz

Band: 26b / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.46	<=13	Pass
	836.5	15	0	5.59	<=13	Pass
	847.5	15	0	4.95	<=13	Pass
16QAM	825.5	15	0	6.25	<=13	Pass
	836.5	15	0	6.40	<=13	Pass
	847.5	15	0	5.78	<=13	Pass
64QAM	825.5	15	0	6.50	<=13	Pass
	836.5	15	0	6.59	<=13	Pass
	847.5	15	0	6.18	<=13	Pass



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4.1.3 B26b_5MHz

Band: 26b / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.52	<=13	Pass
	836.5	25	0	5.72	<=13	Pass
	846.5	25	0	5.23	<=13	Pass
16QAM	826.5	25	0	6.15	<=13	Pass
	836.5	25	0	6.38	<=13	Pass
	846.5	25	0	5.98	<=13	Pass
64QAM	826.5	25	0	6.43	<=13	Pass
	836.5	25	0	6.60	<=13	Pass
	846.5	25	0	6.23	<=13	Pass

4.1.4 B26b_10MHz

Band: 26b / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.41	<=13	Pass
	836.5	50	0	5.68	<=13	Pass
	844	50	0	5.39	<=13	Pass
16QAM	829	50	0	6.13	<=13	Pass
	836.5	50	0	6.41	<=13	Pass
	844	50	0	6.20	<=13	Pass
64QAM	829	50	0	6.39	<=13	Pass
	836.5	50	0	6.51	<=13	Pass
	844	50	0	6.36	<=13	Pass



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Report No.: SUCR240200003402
Rev.: 01
Page: 106 of 191

4.1.5 B26b_15MHz

Table with 7 columns: Modulation, Frequency (MHz), RB Allocation (Size, Offset), Peak-Average Ratio (dB) (Result, Limit), and Verdict. It contains test results for QPSK, 16QAM, and 64QAM modulations across various frequencies.

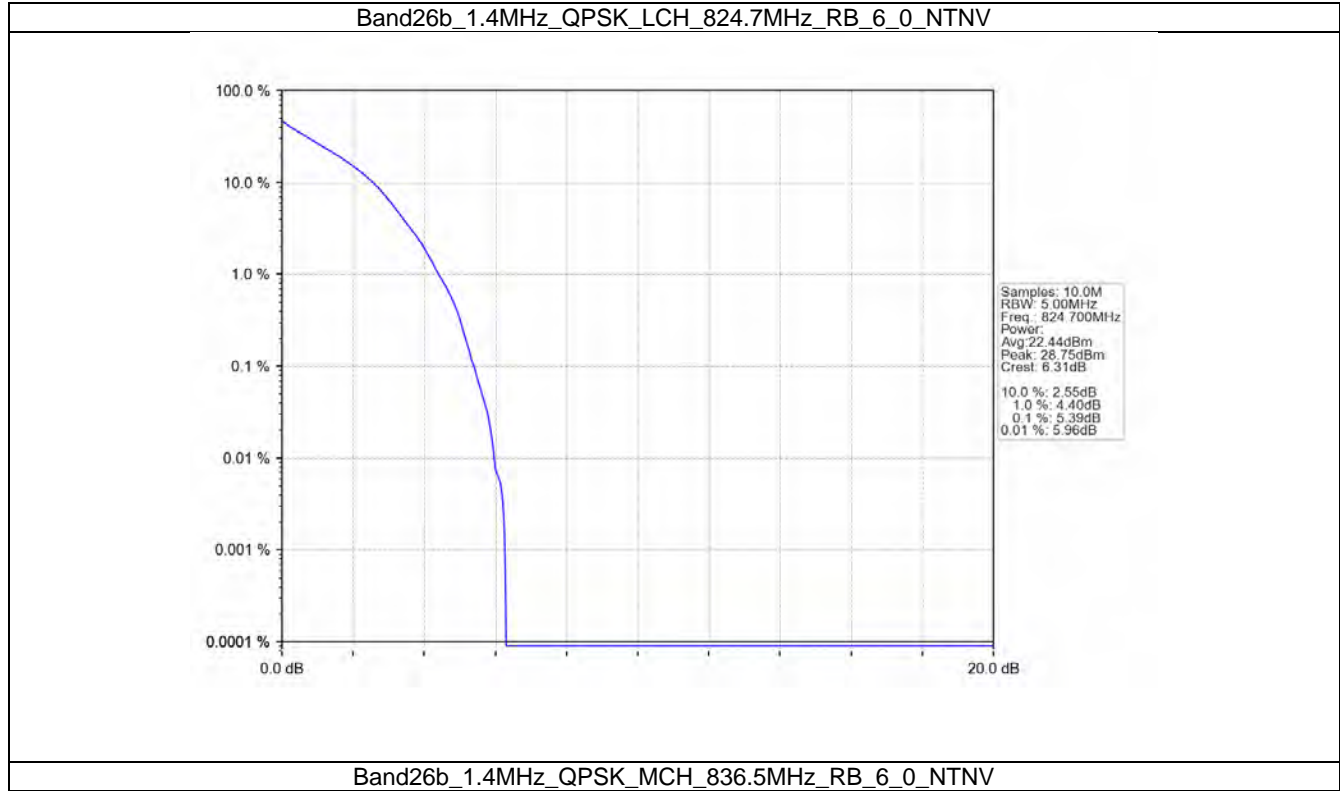


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4.2 Test Graph

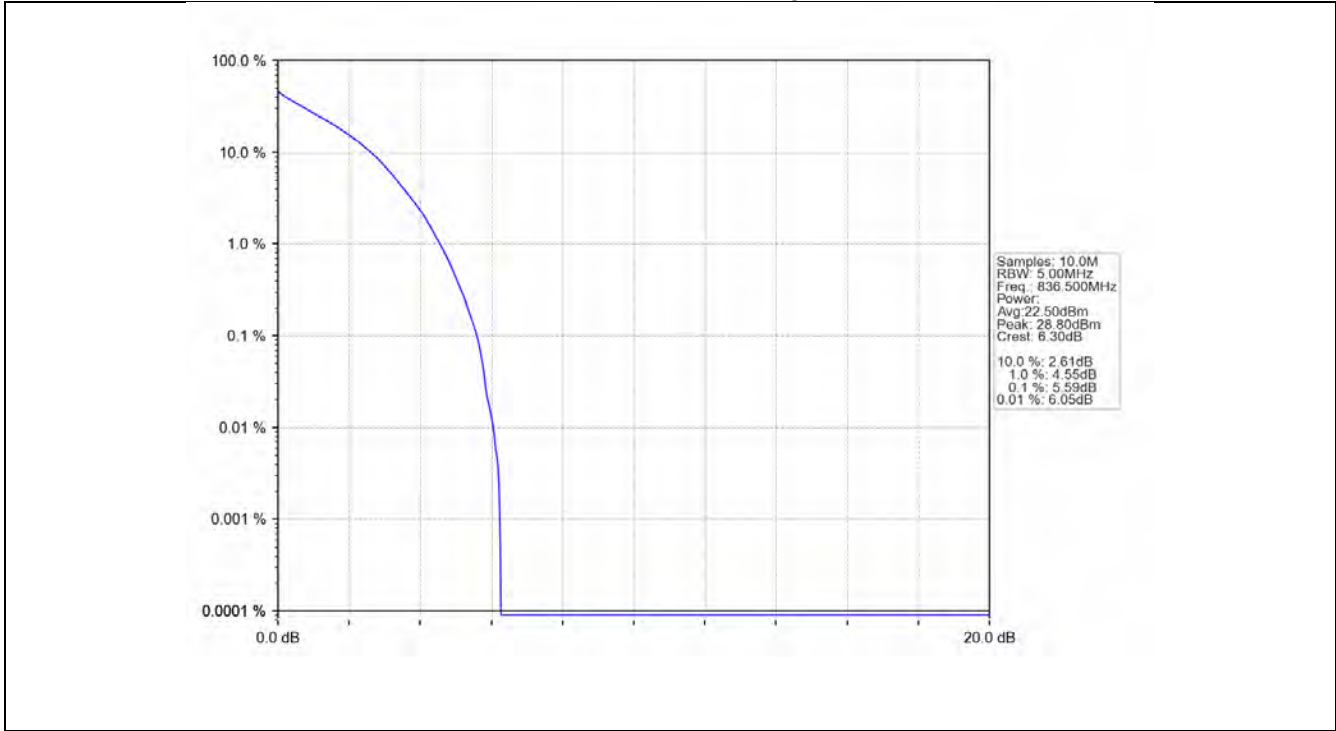
4.2.1 B26b_1.4MHz



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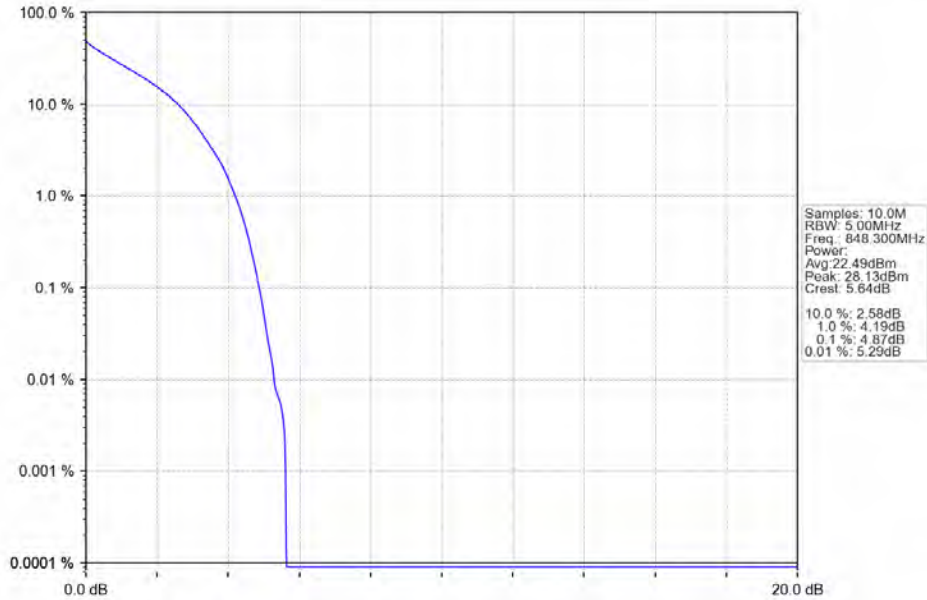
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Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



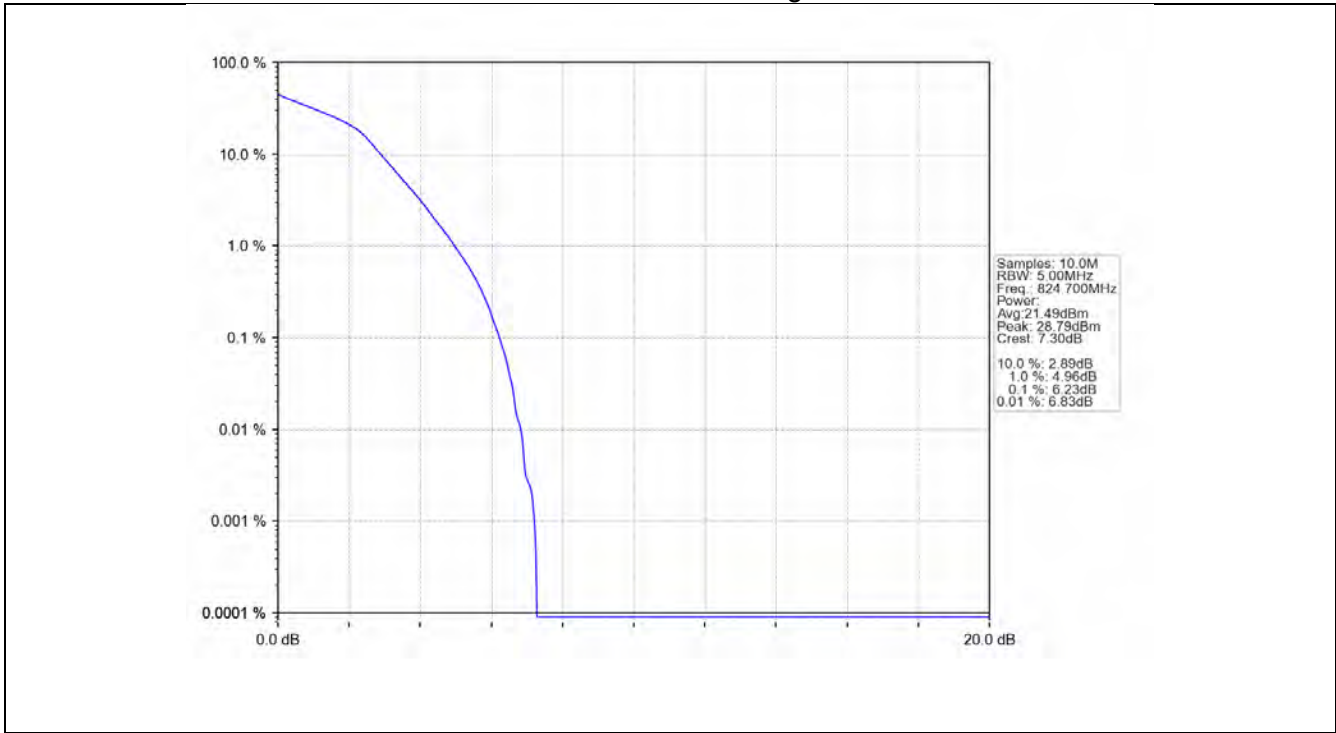
Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



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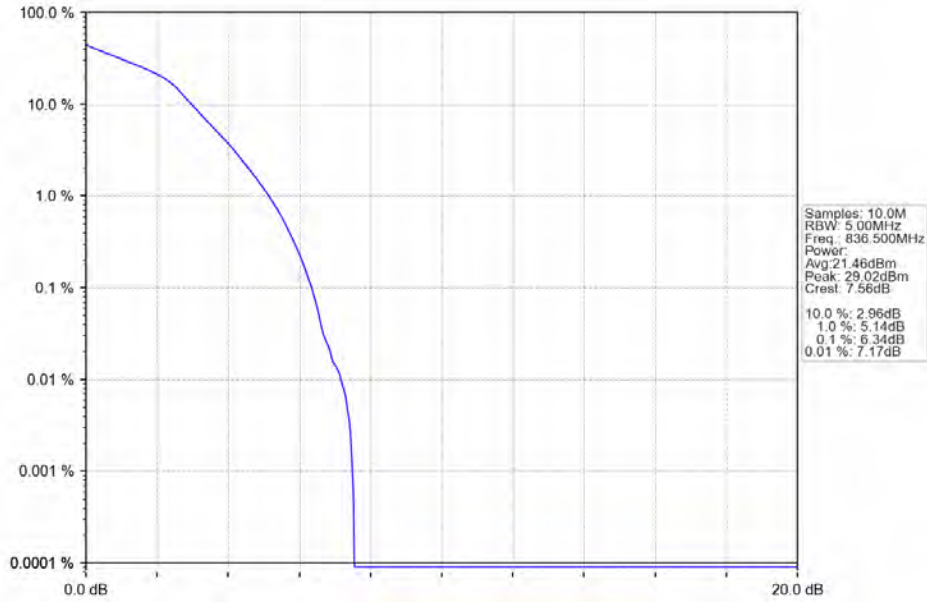
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Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

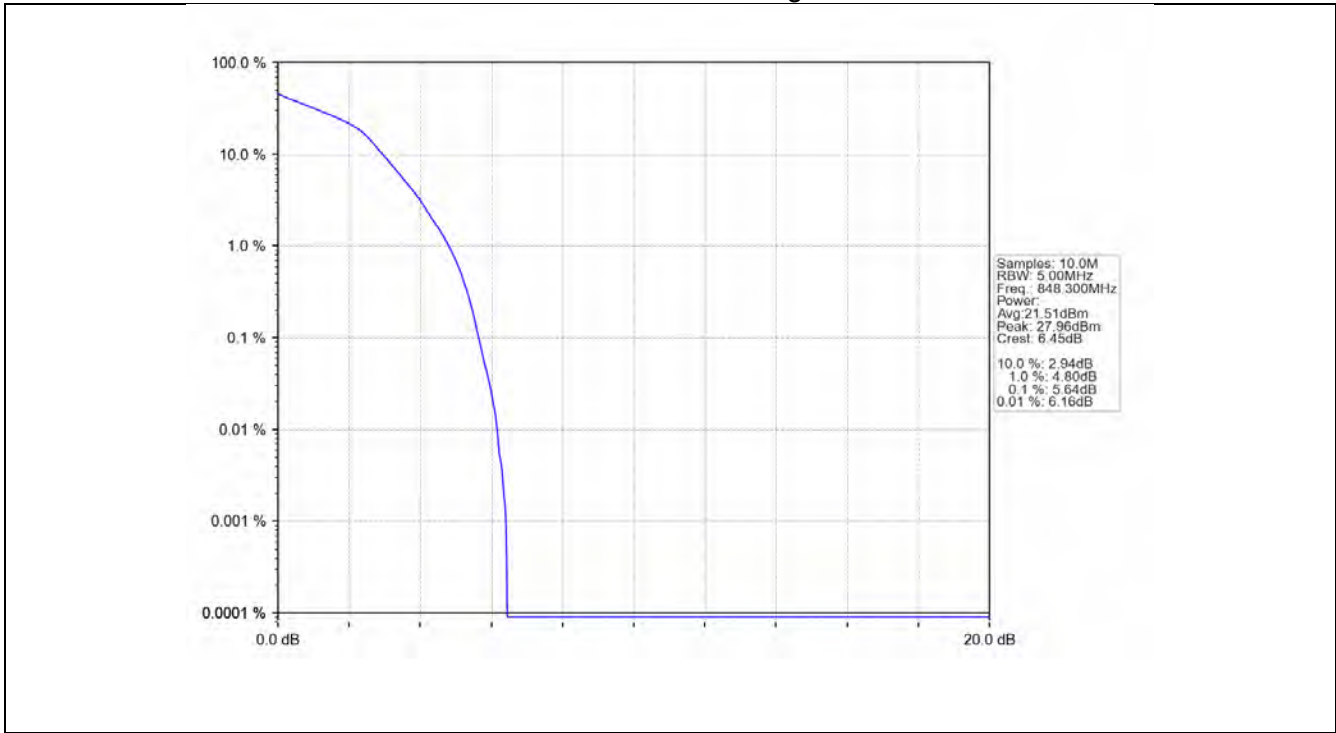


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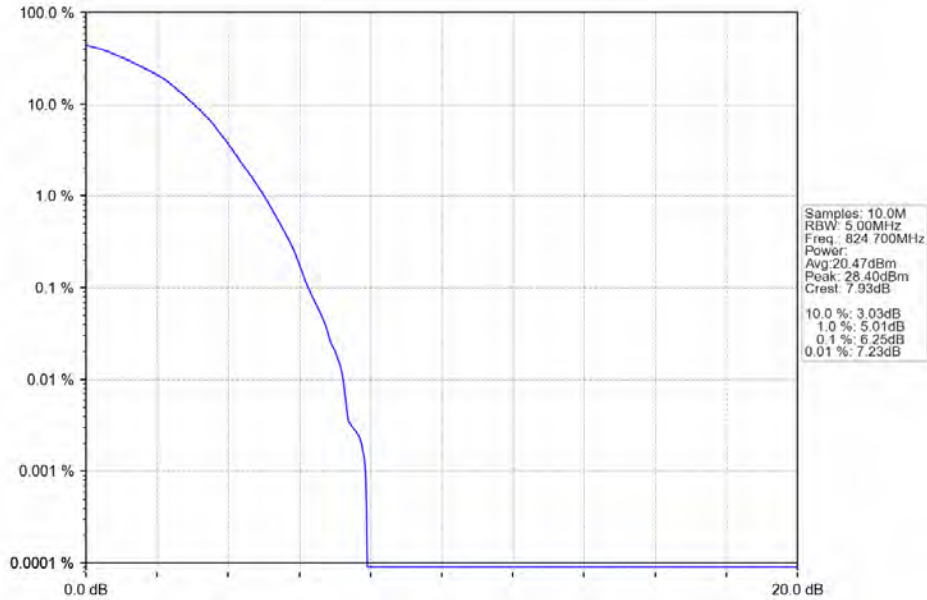


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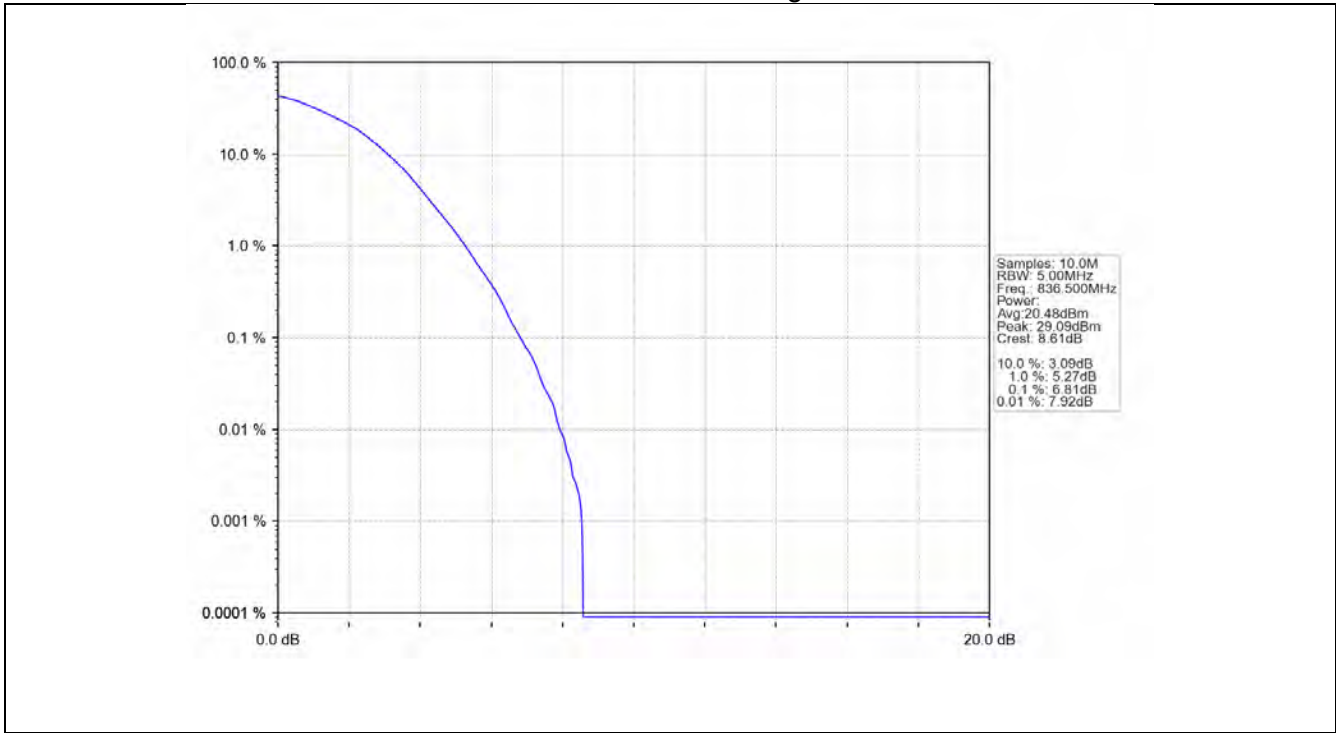
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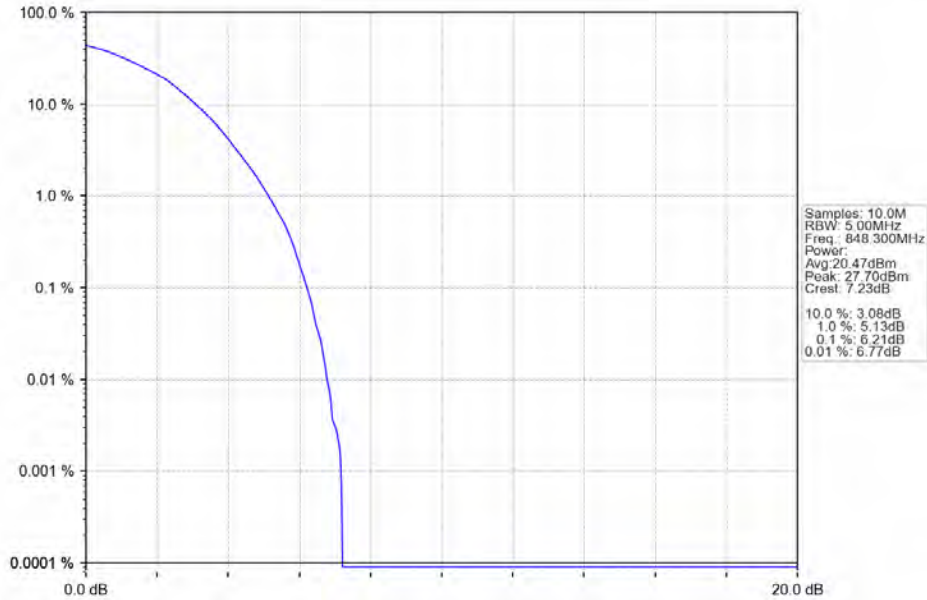


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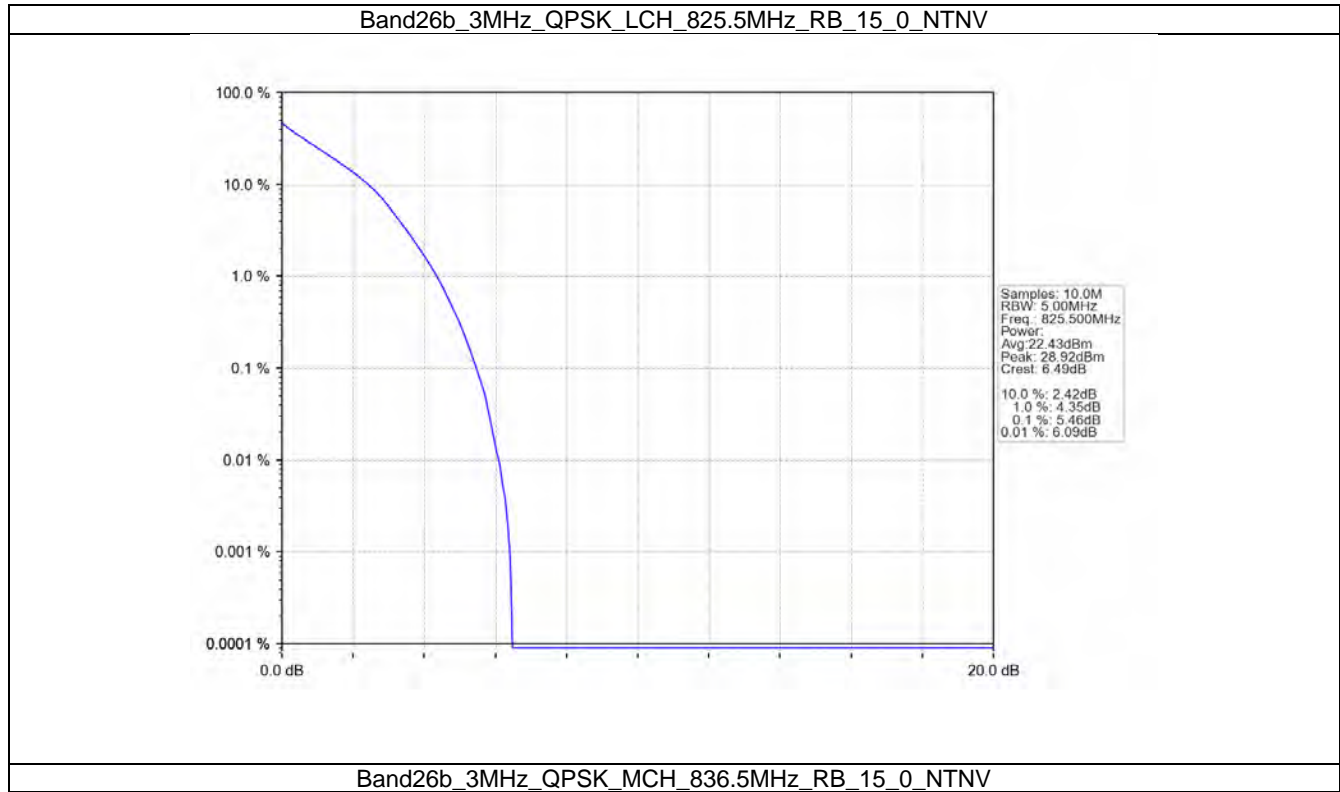


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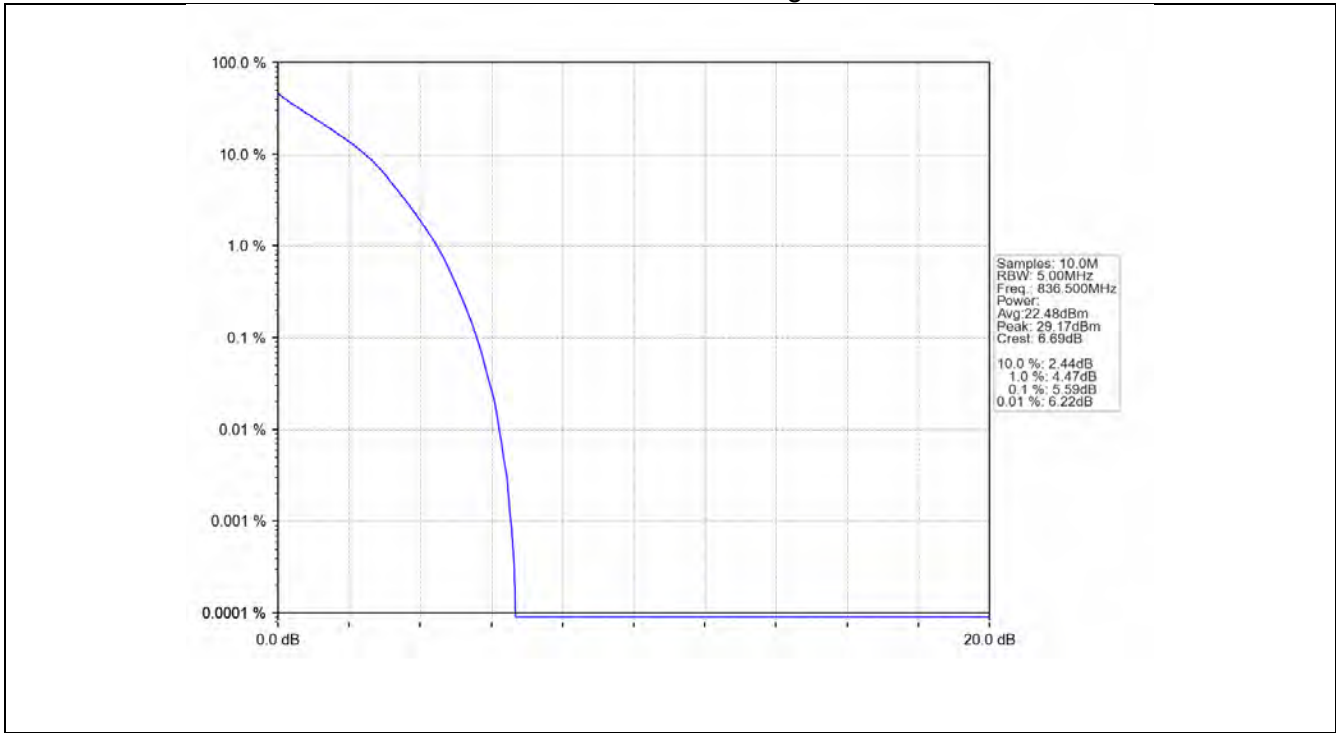
4.2.2 B26b_3MHz



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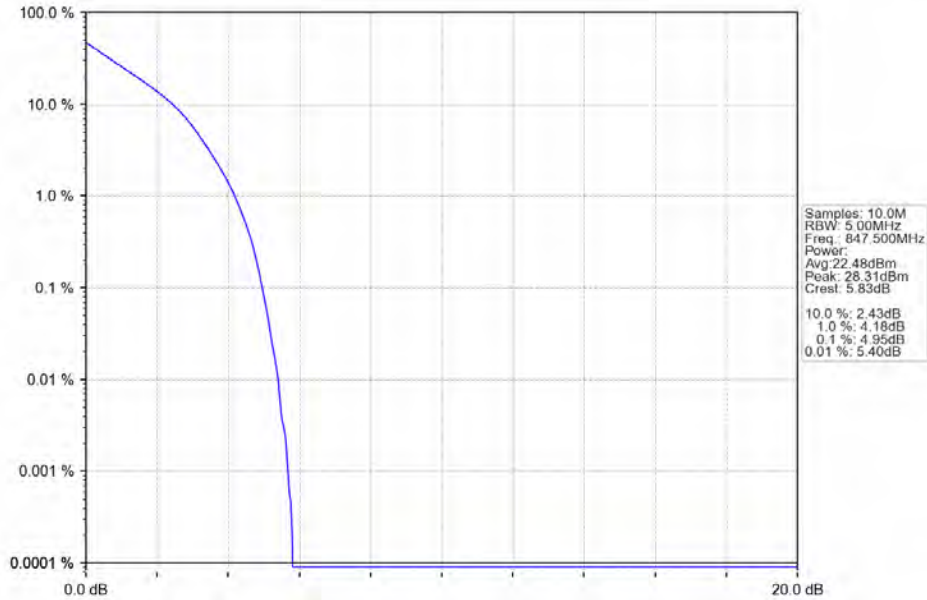


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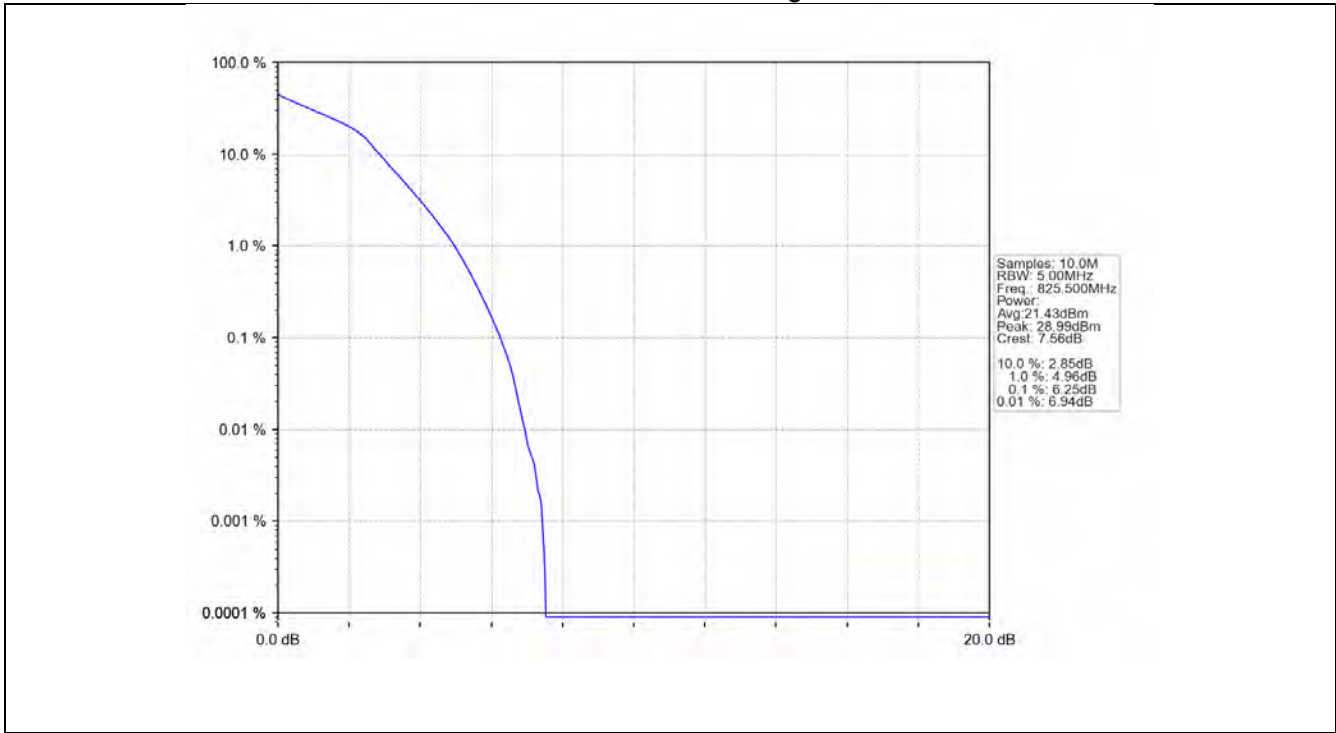
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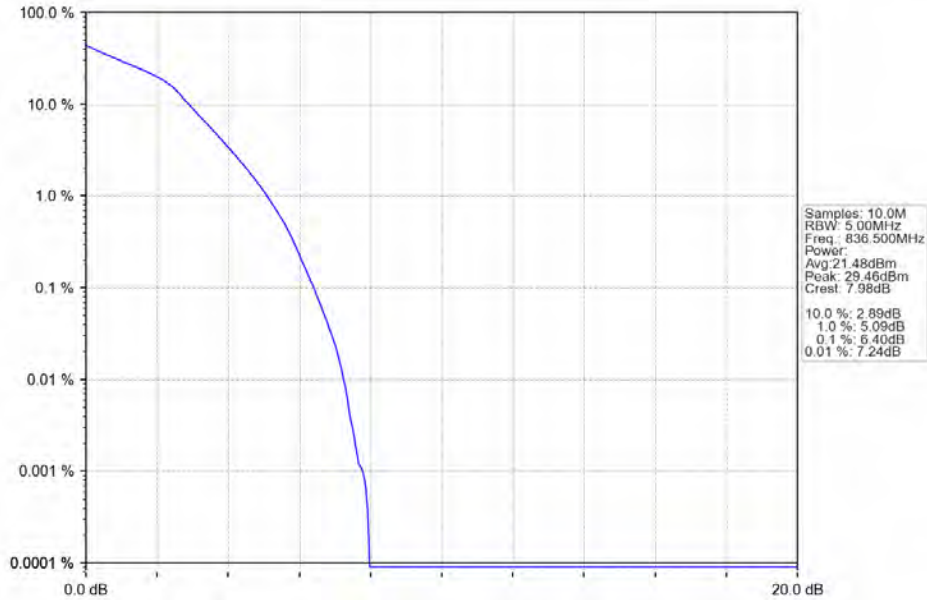


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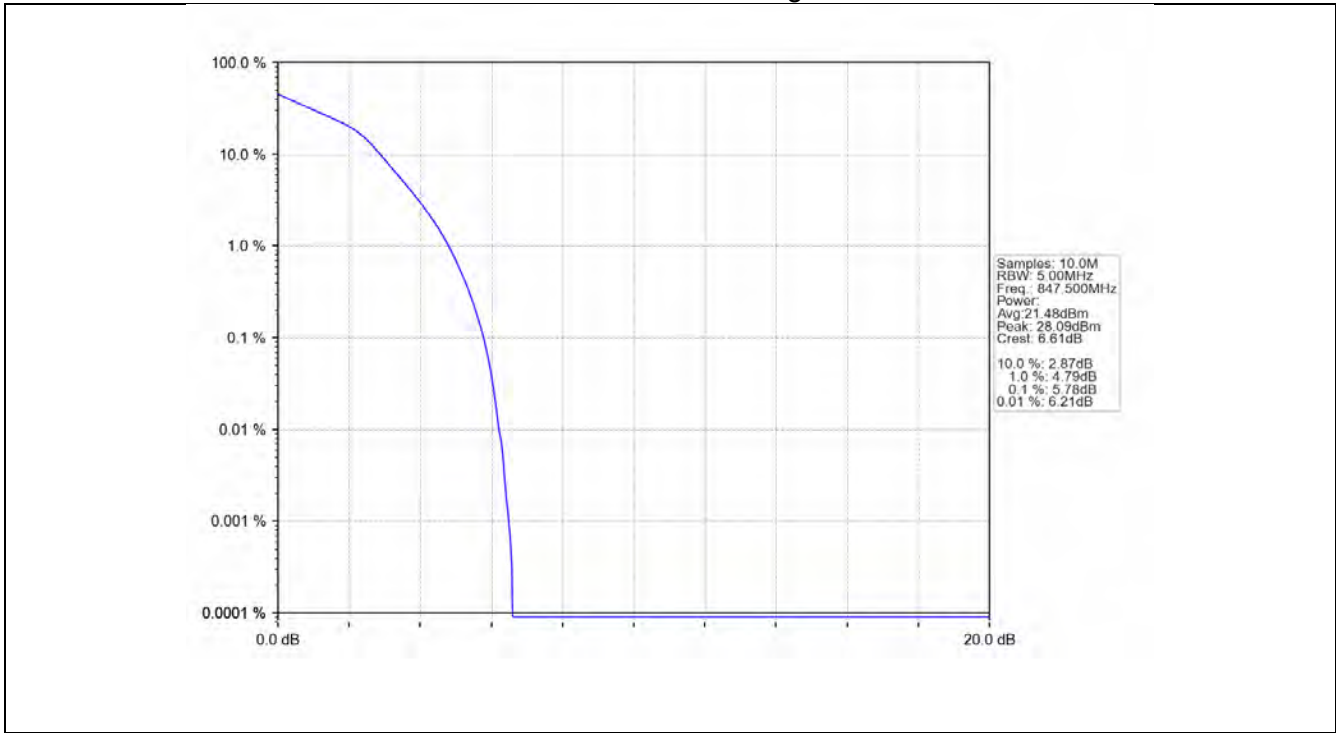
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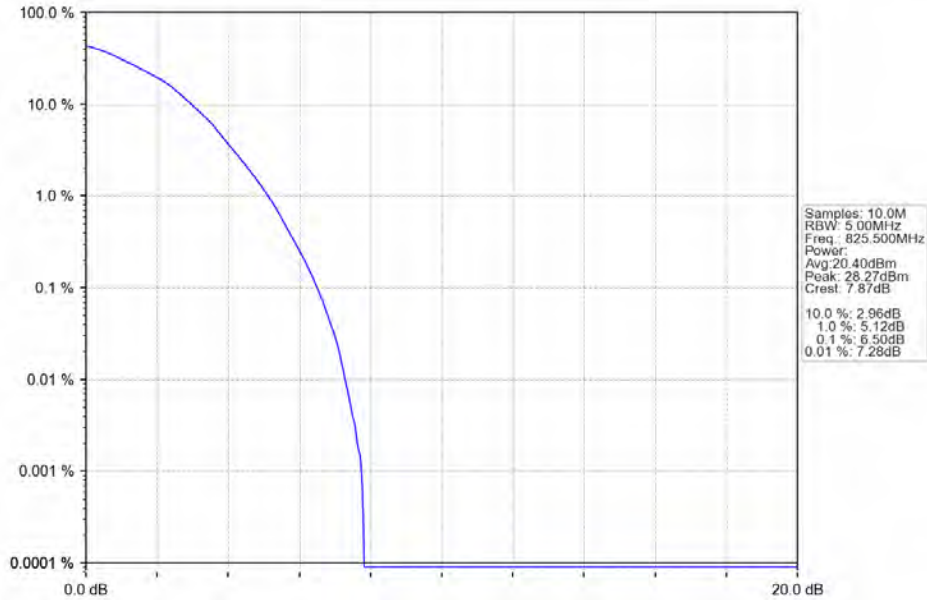


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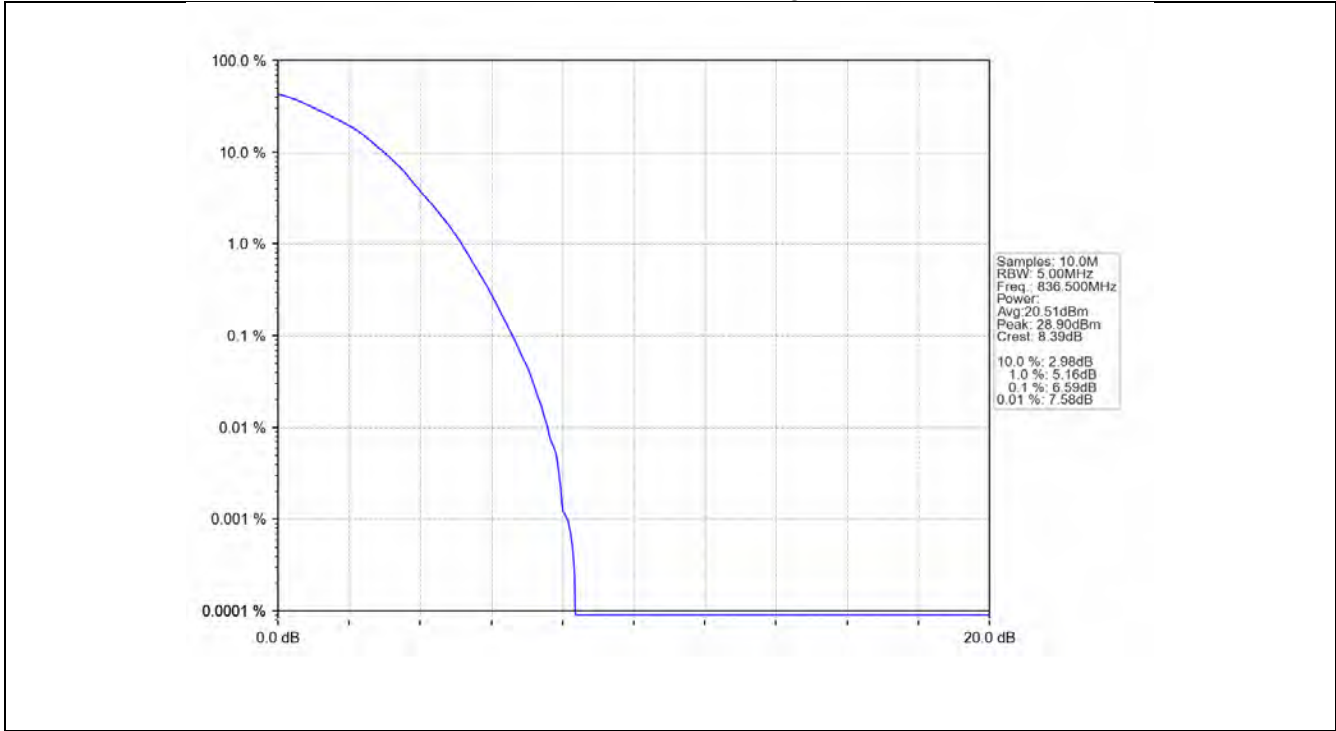
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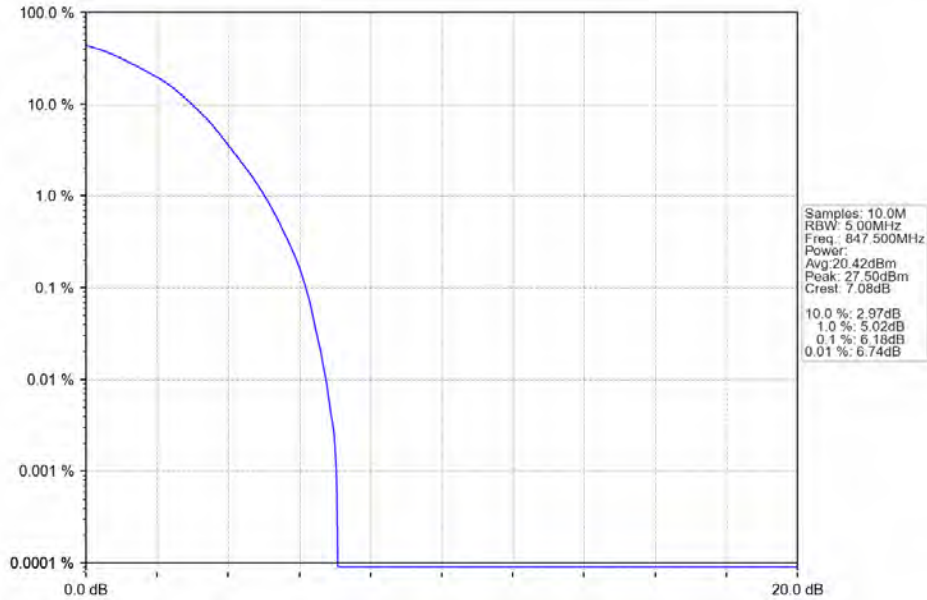


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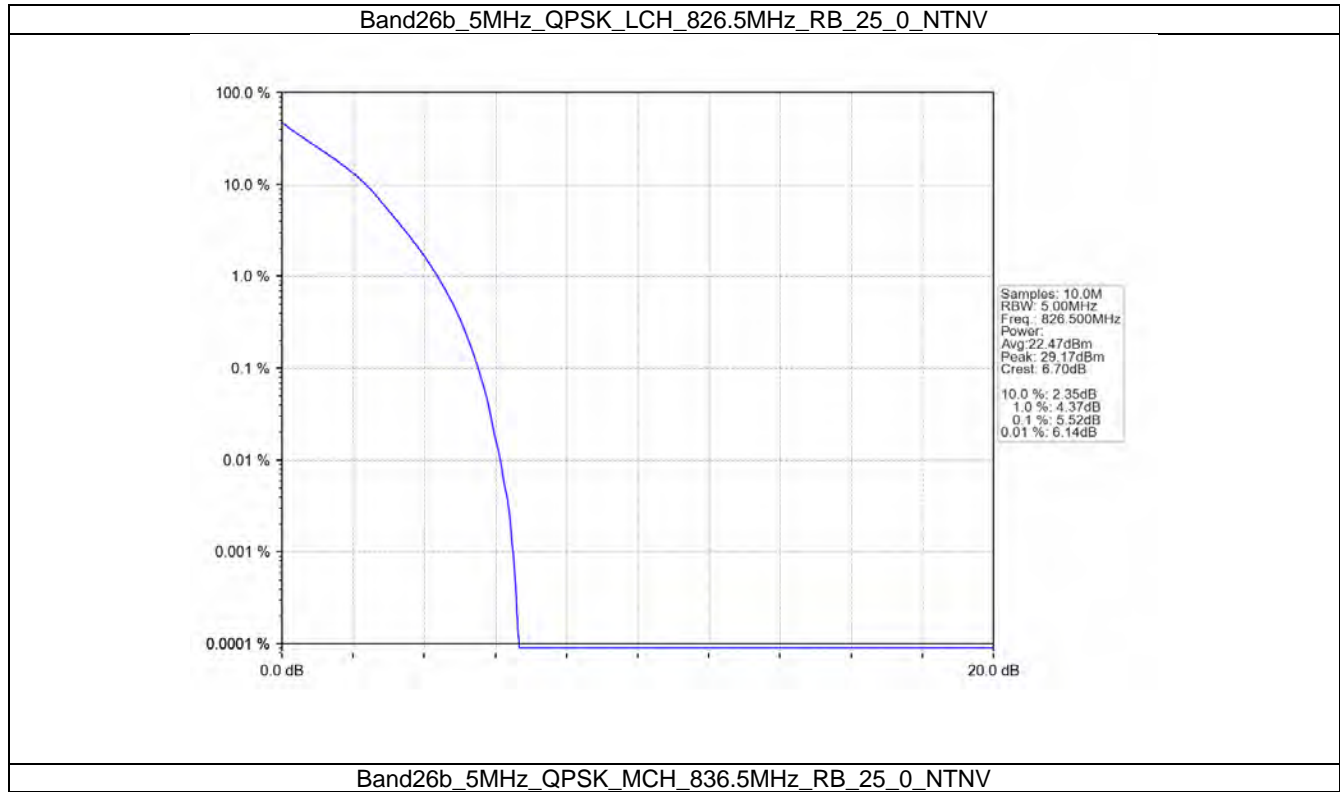


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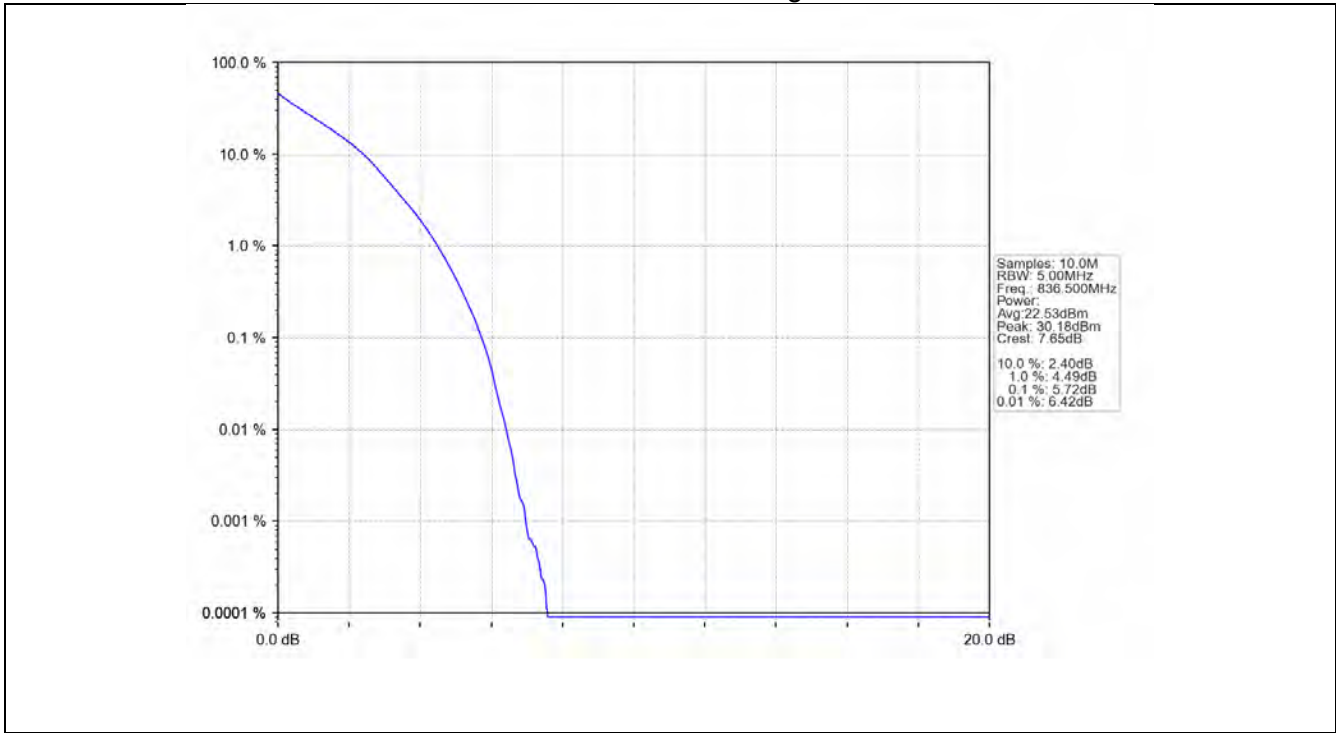
4.2.3 B26b_5MHz



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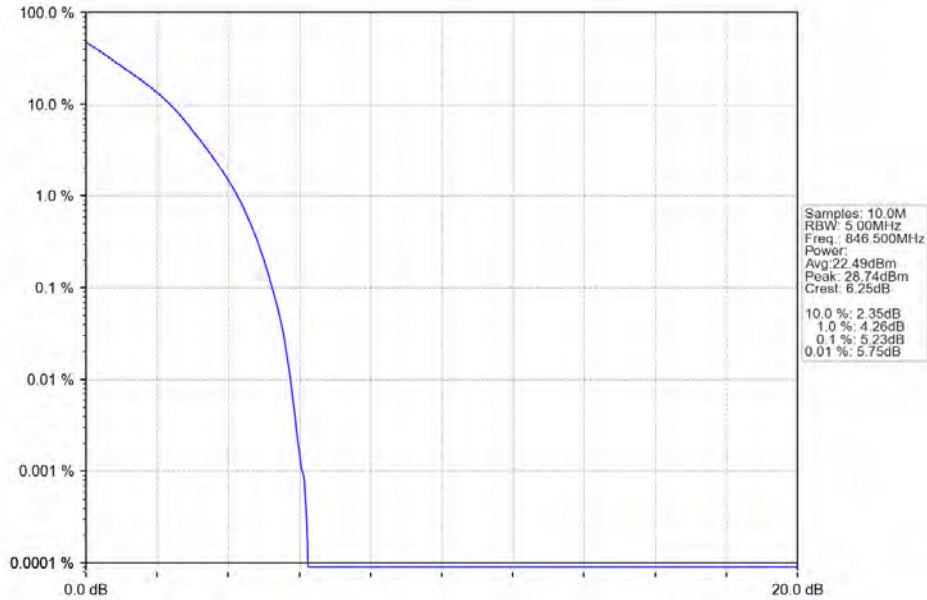


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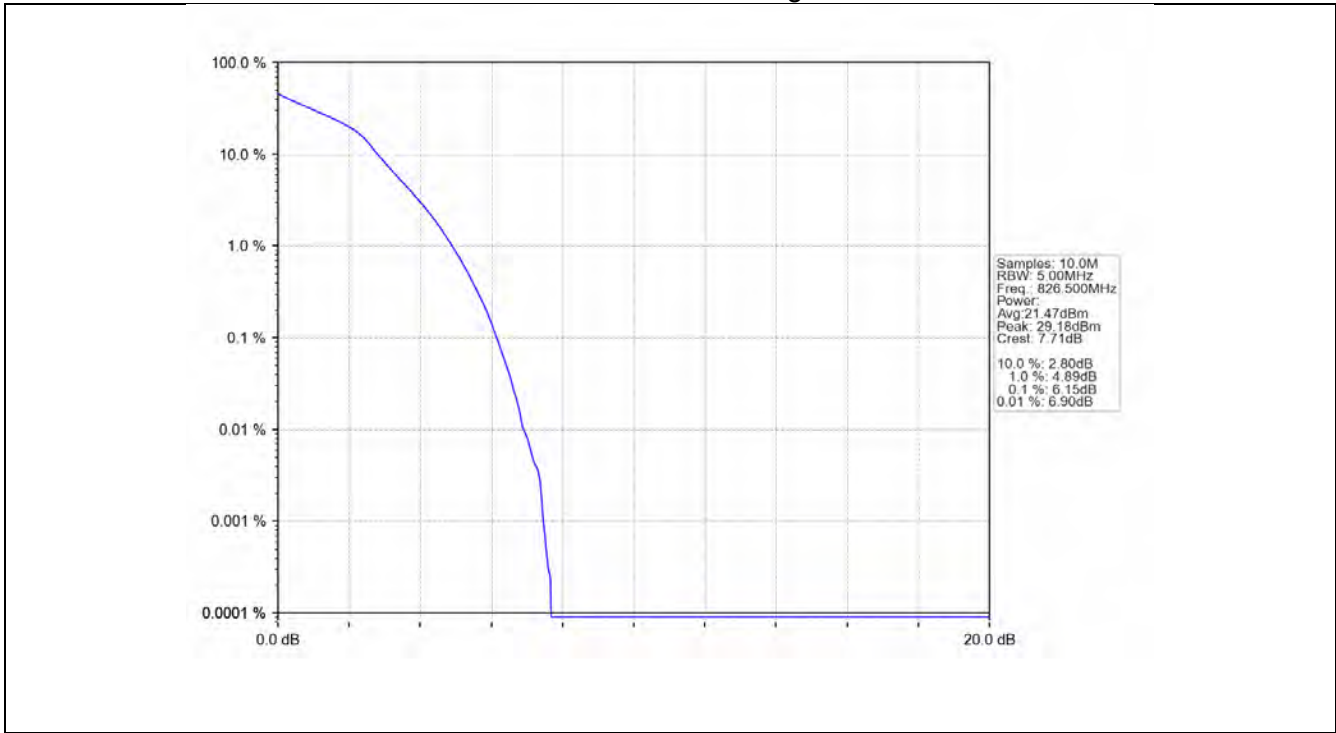
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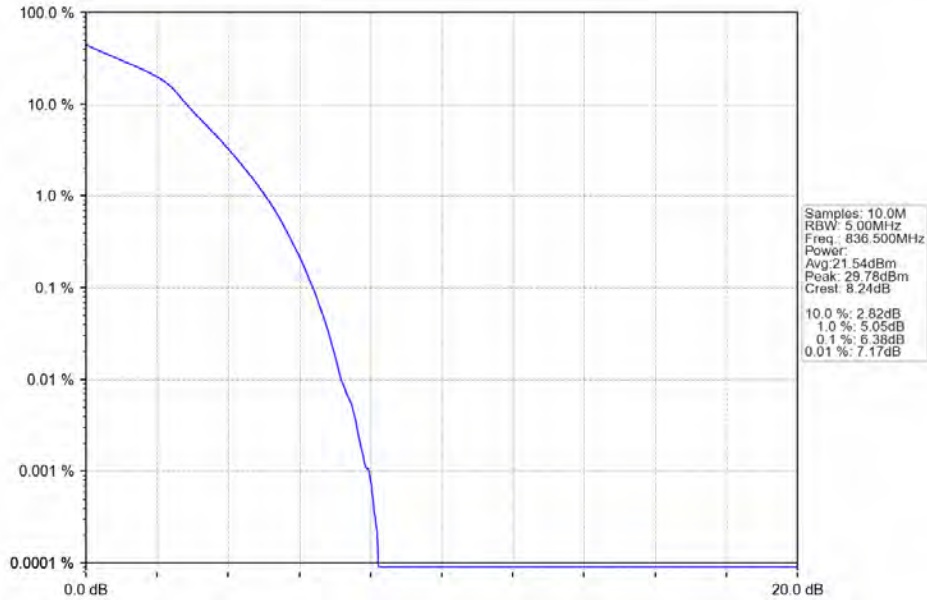


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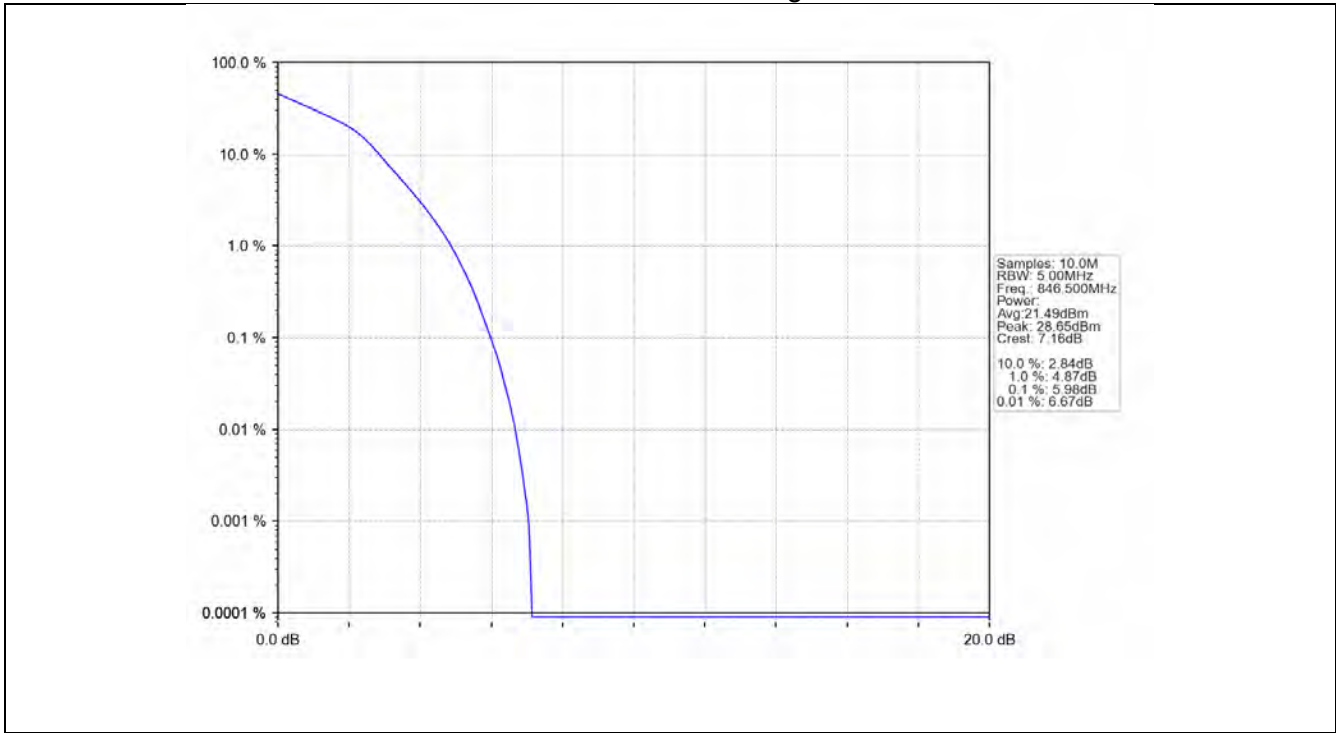
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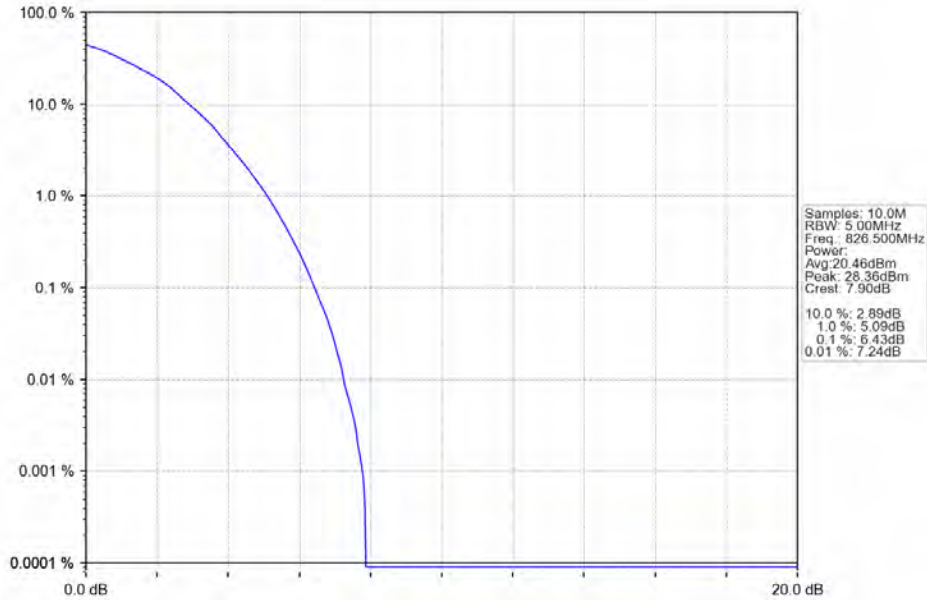
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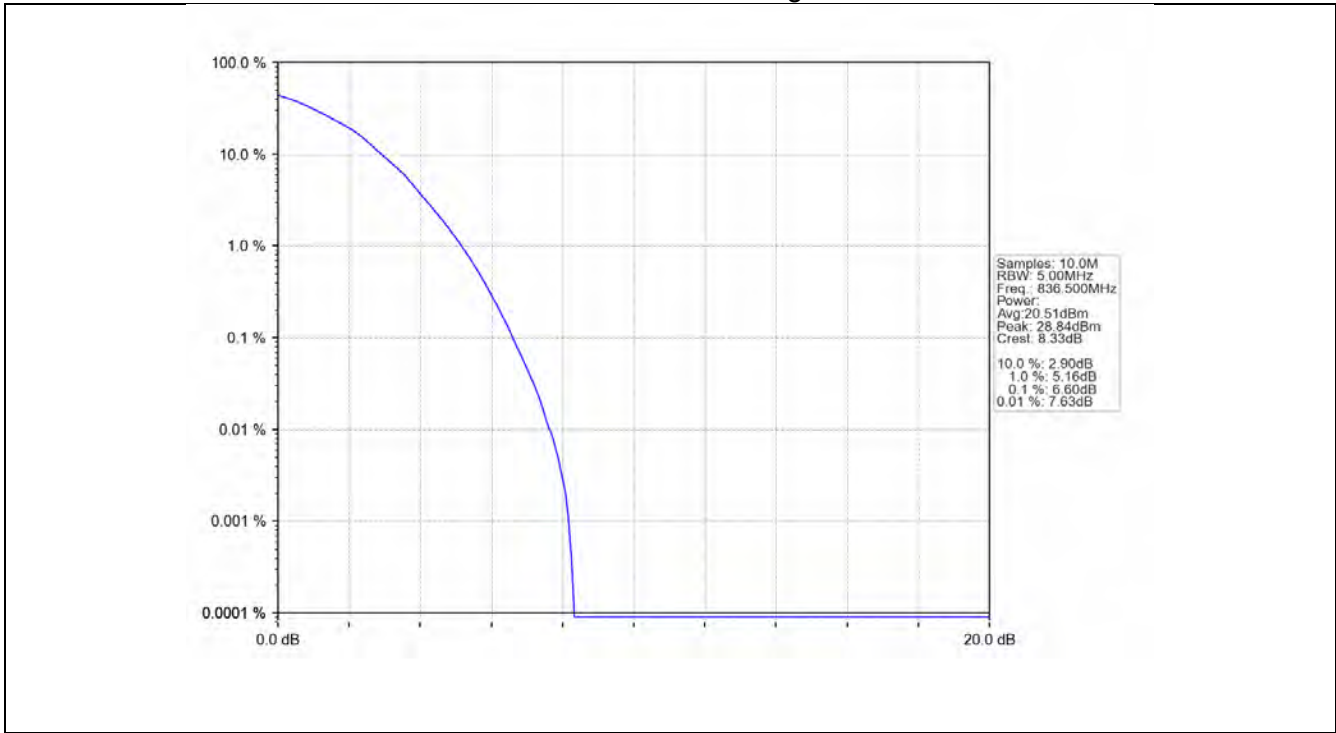
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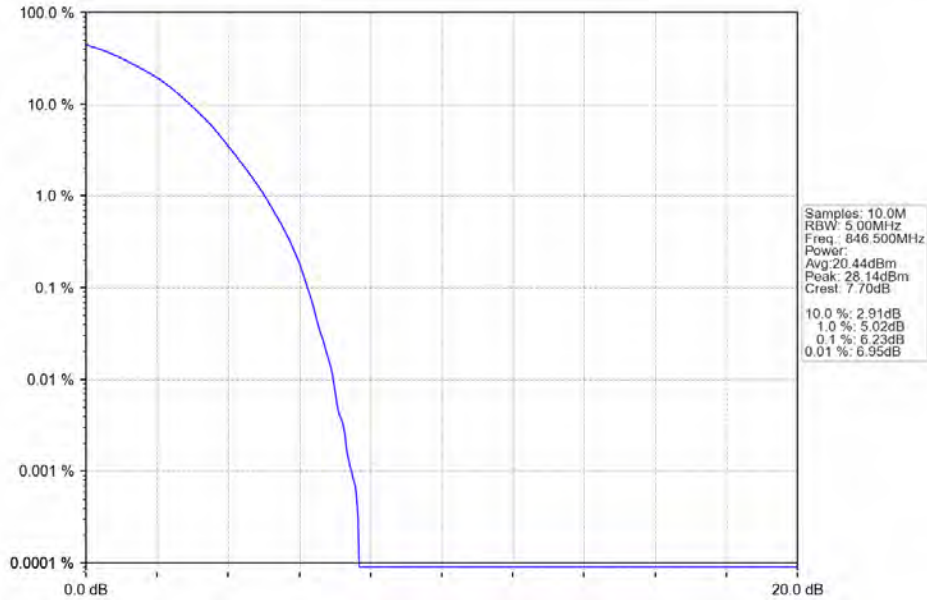


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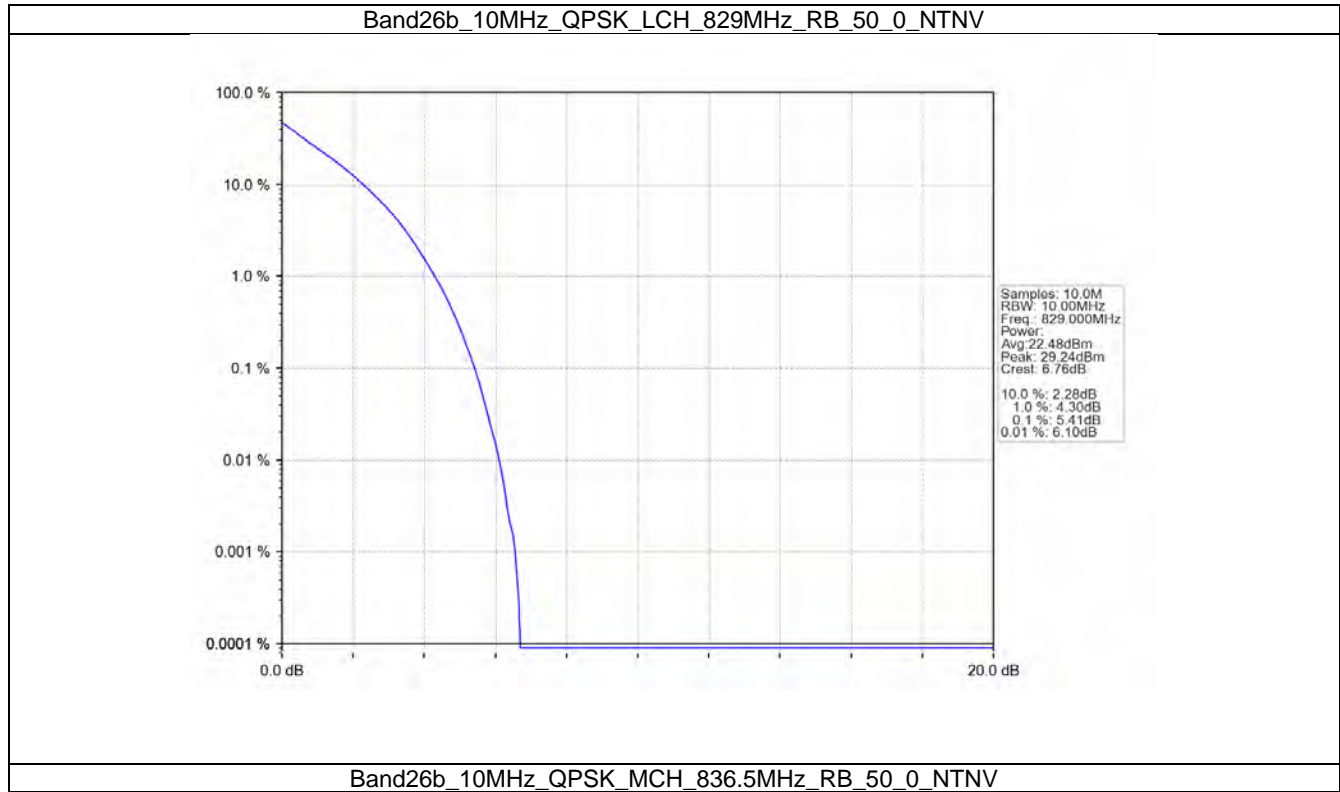


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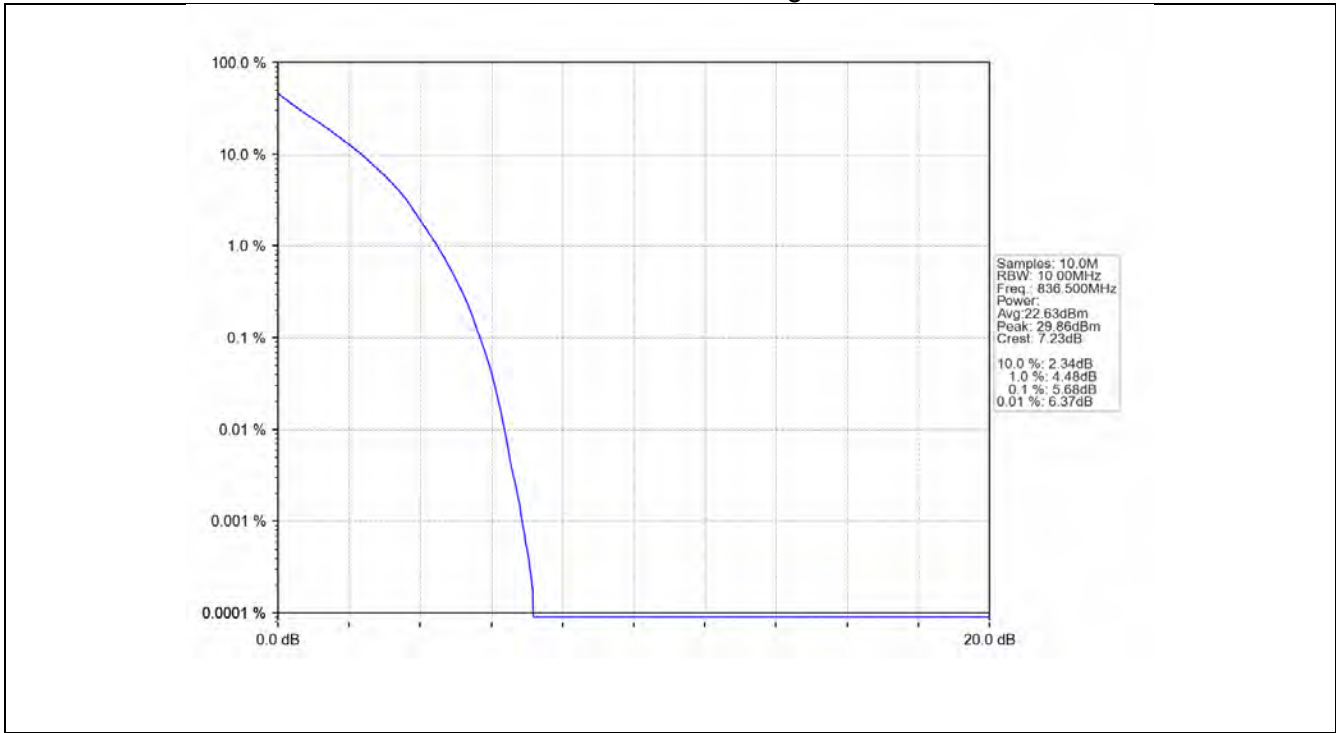
4.2.4 B26b_10MHz



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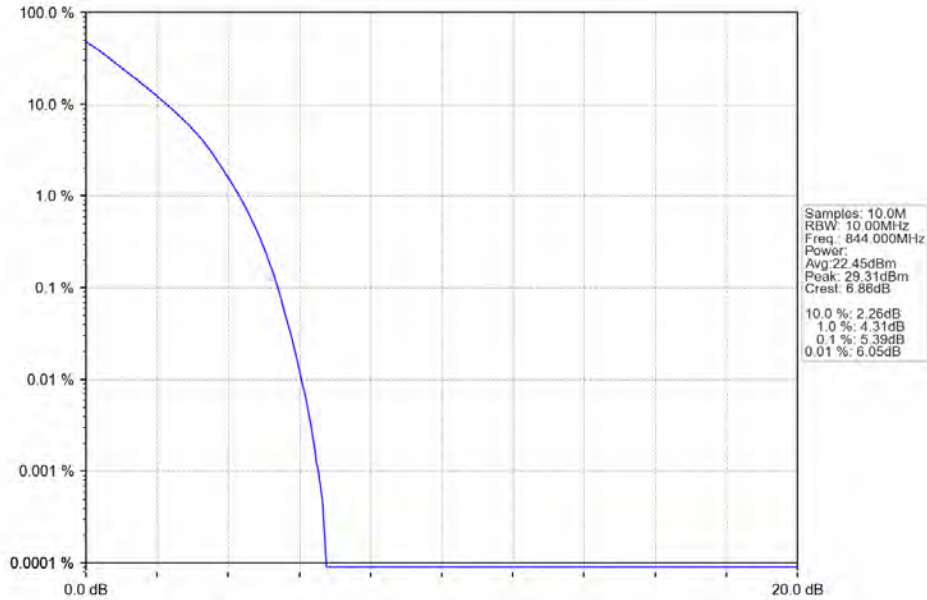


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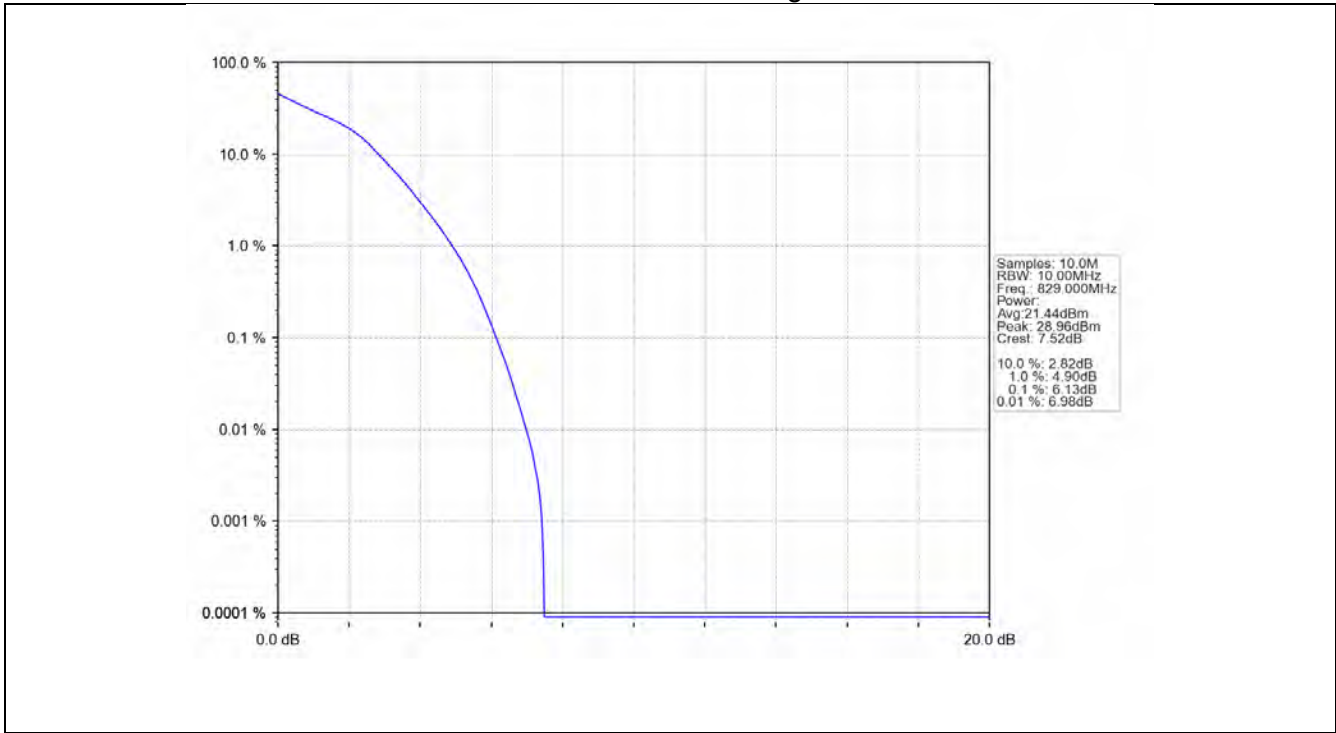
Band26b_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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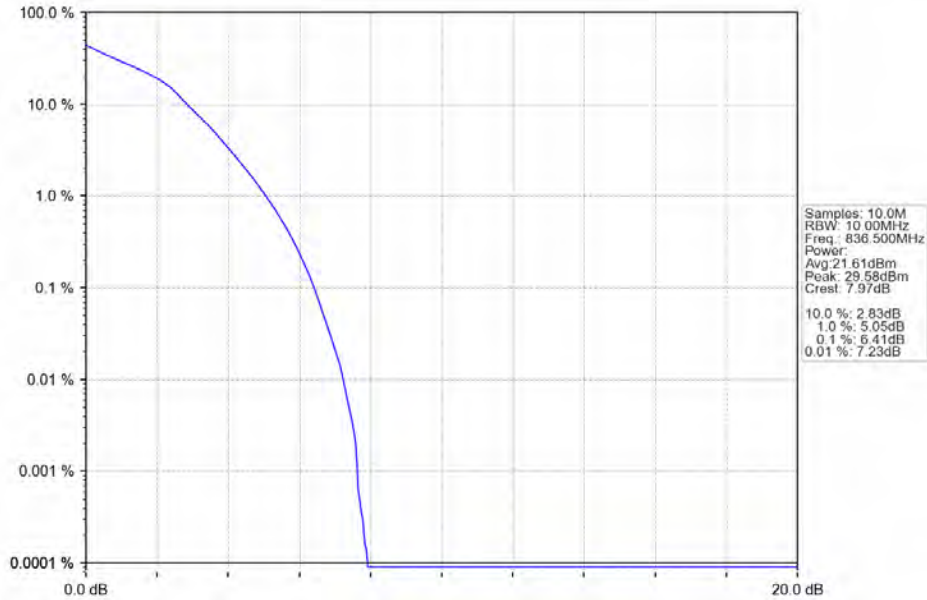


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Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



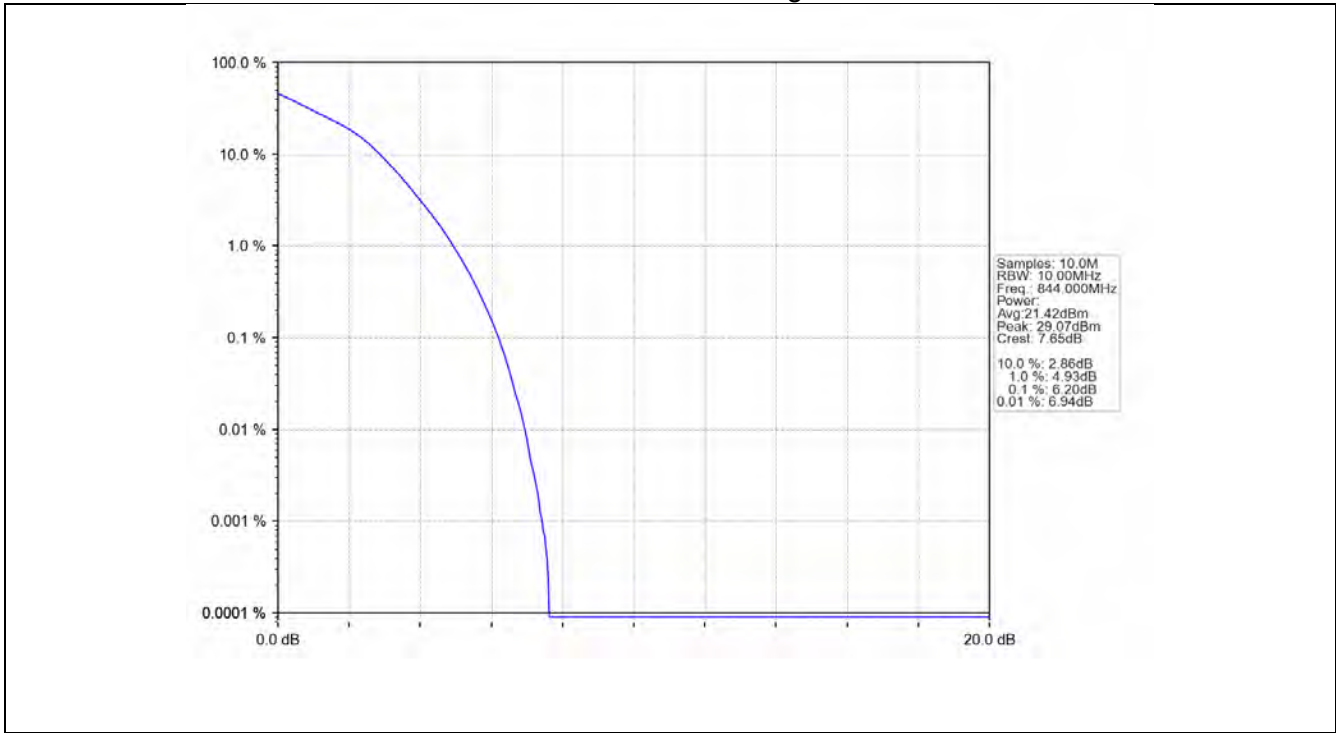
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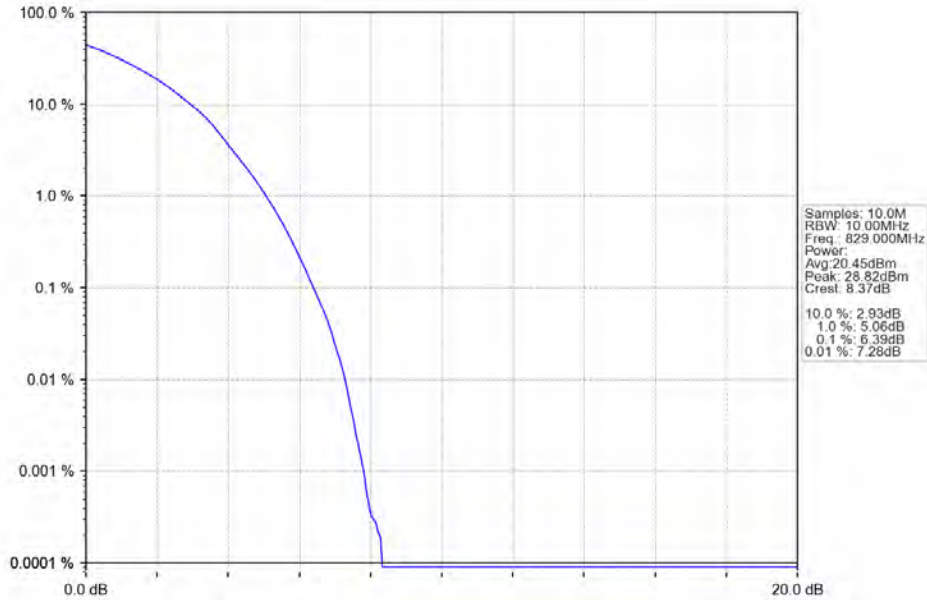


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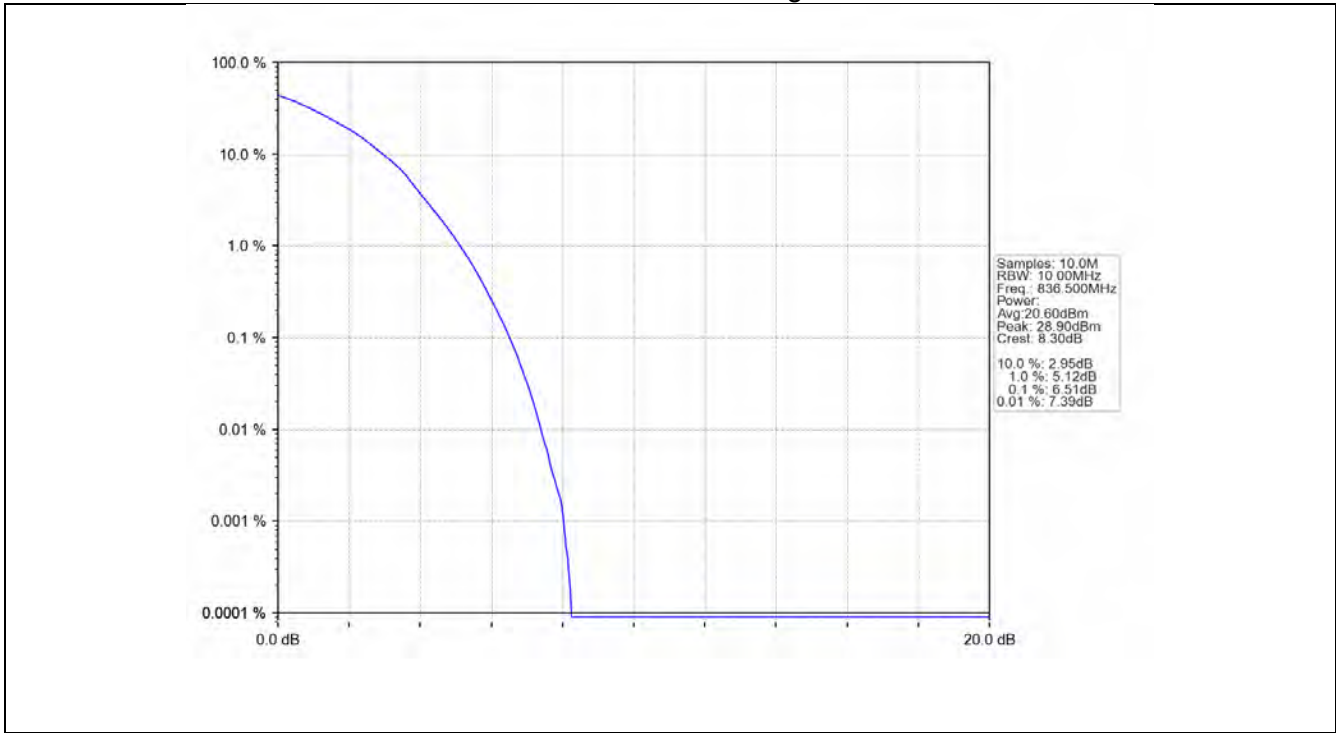
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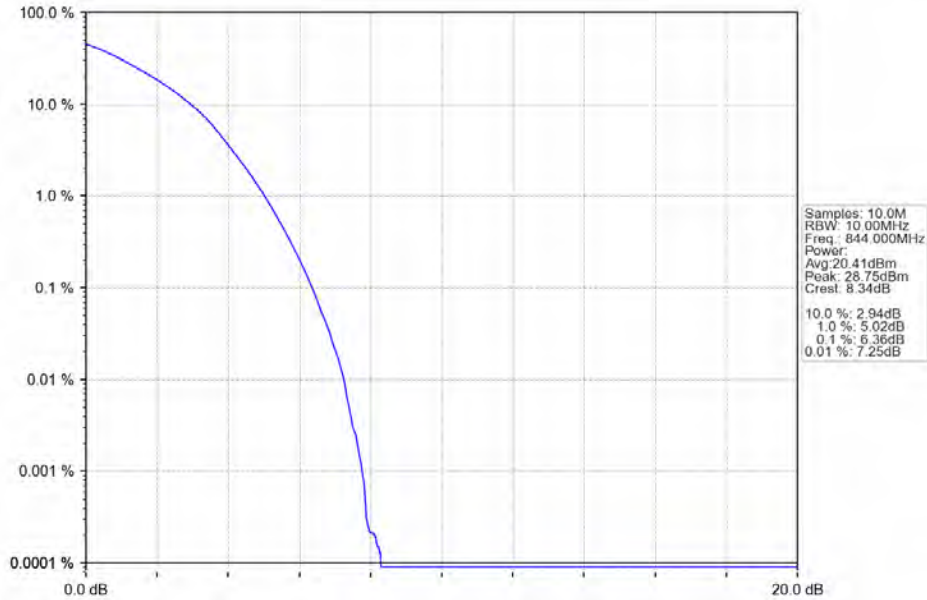


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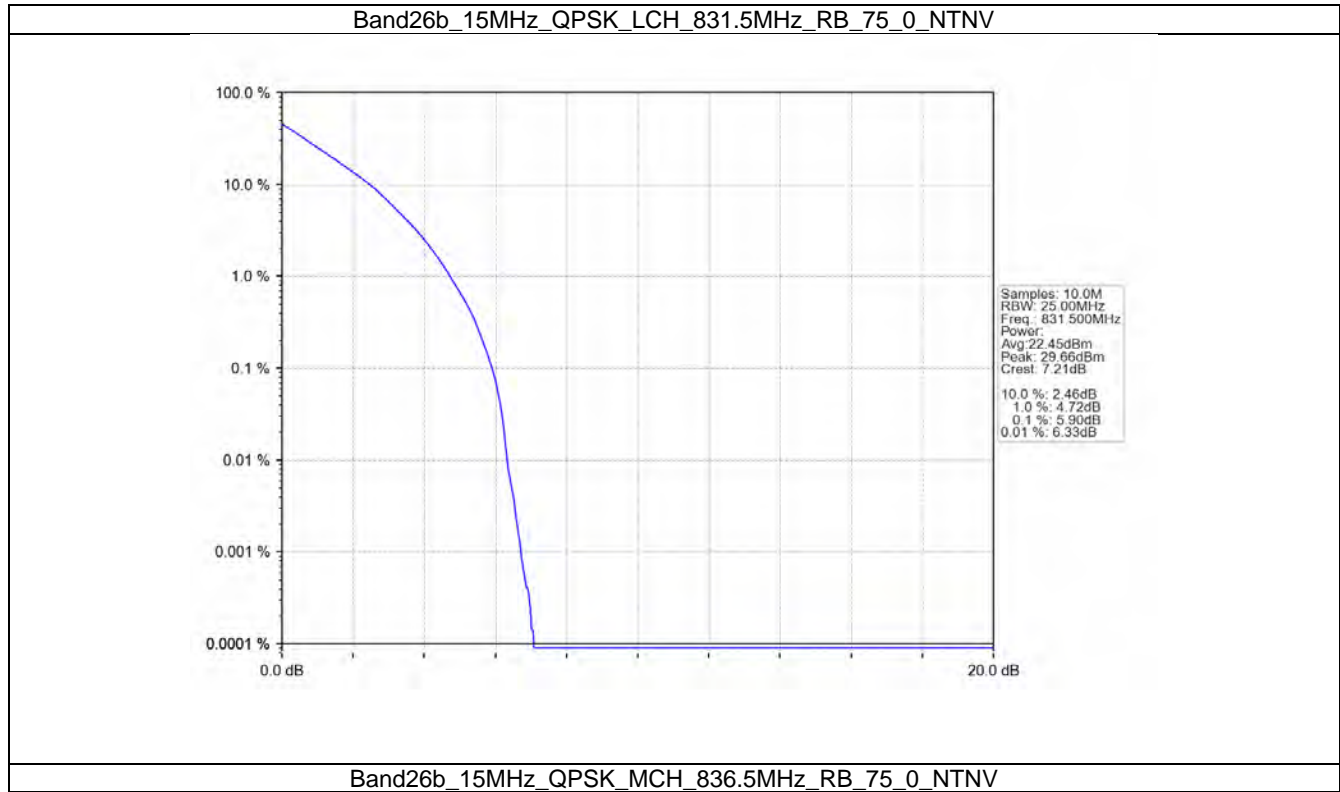


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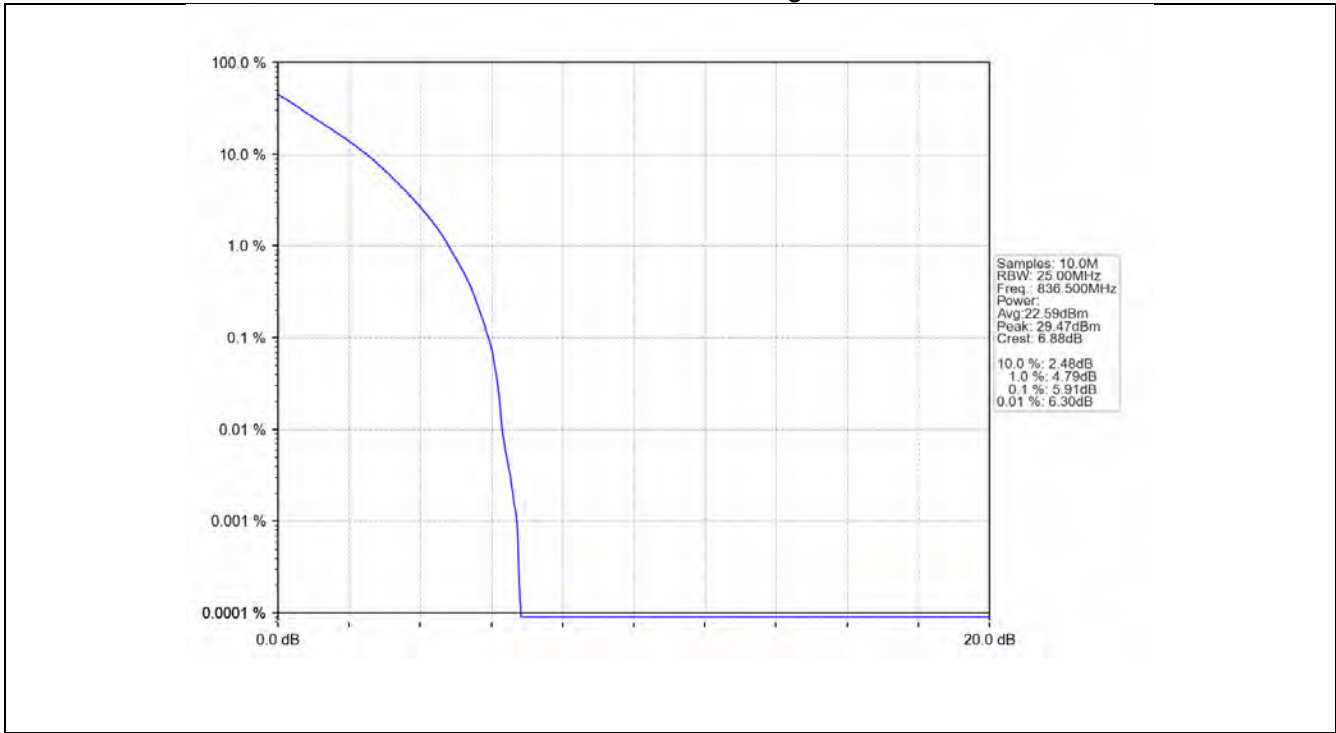
4.2.5 B26b_15MHz



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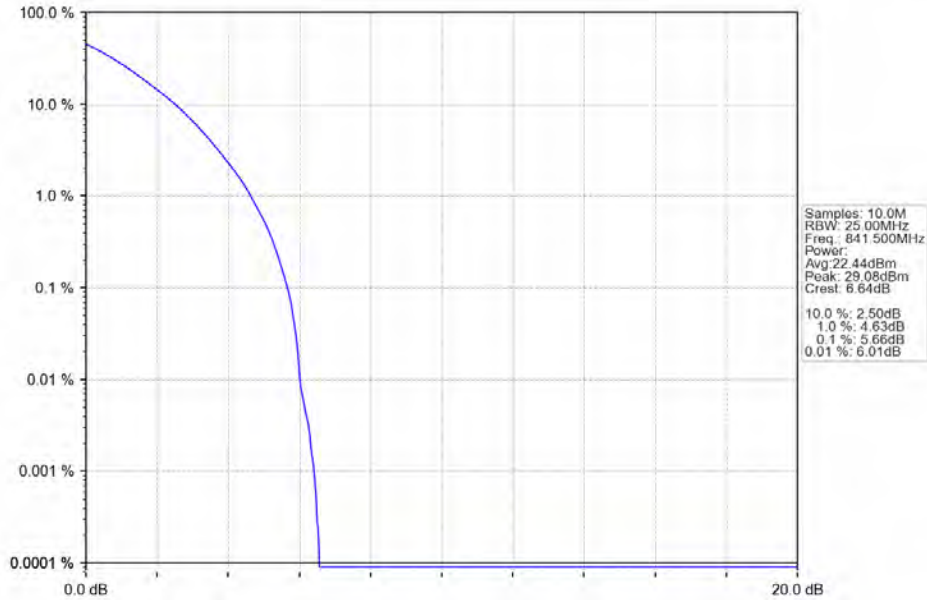


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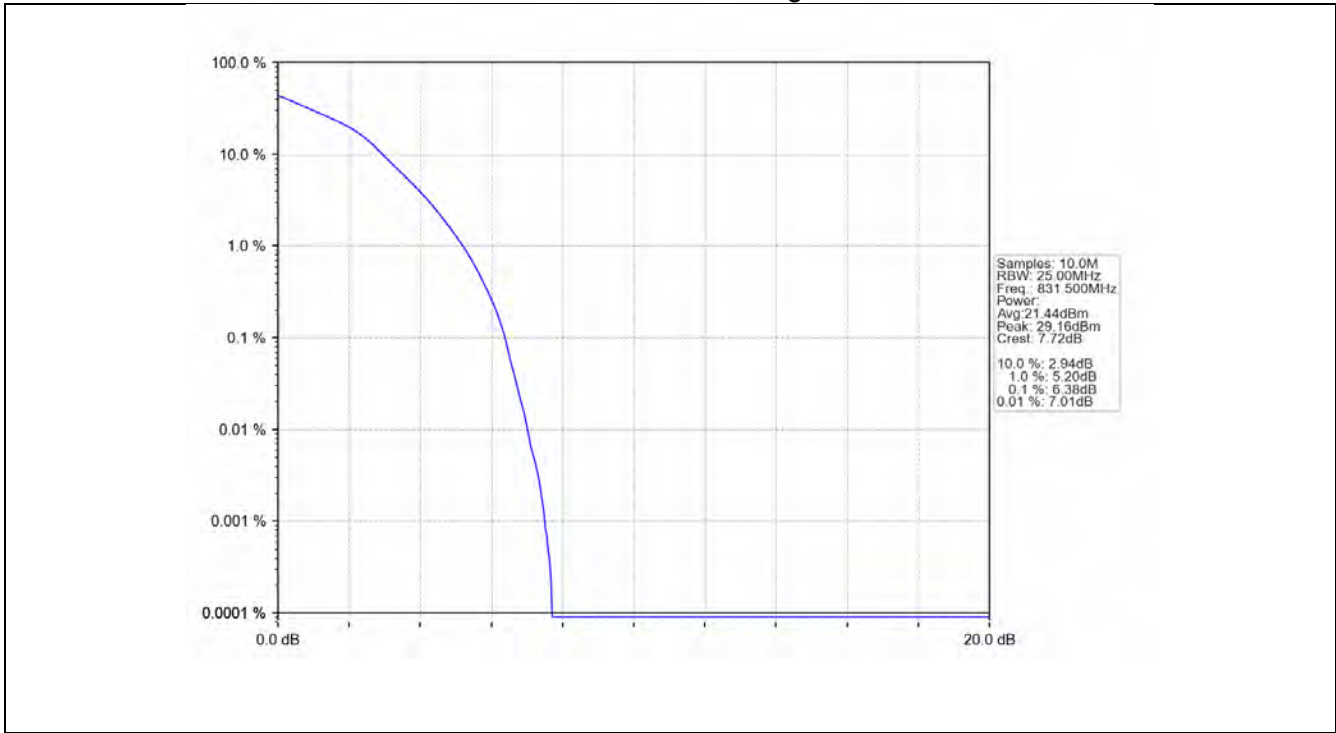
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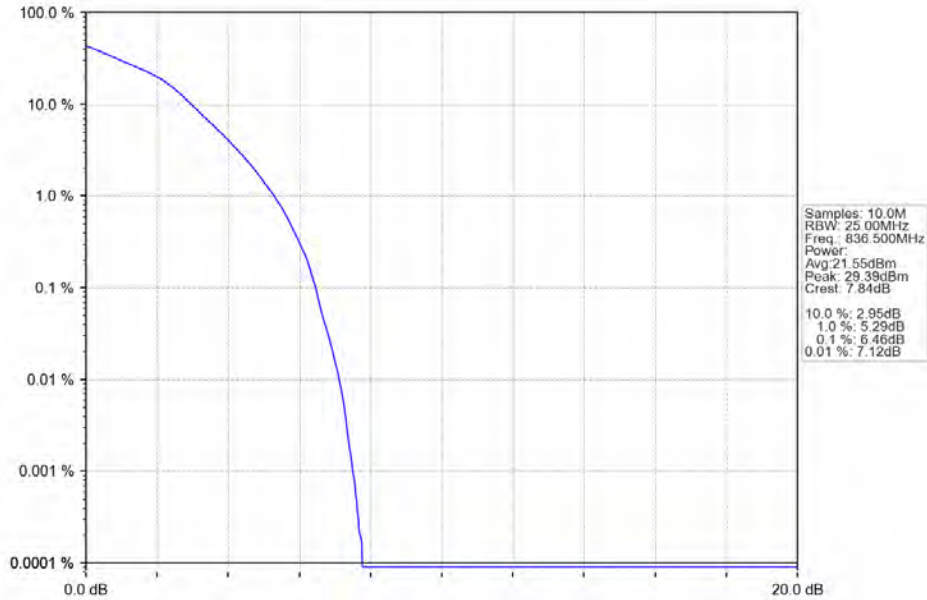


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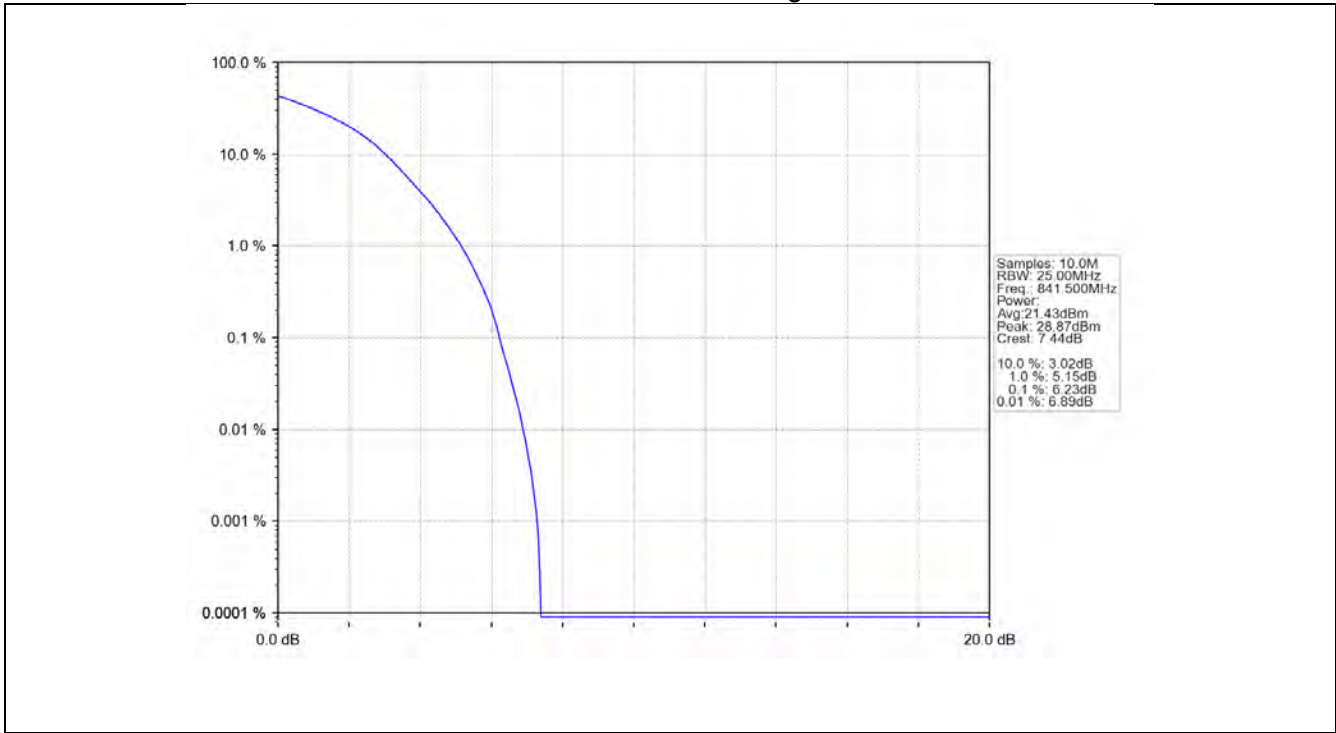
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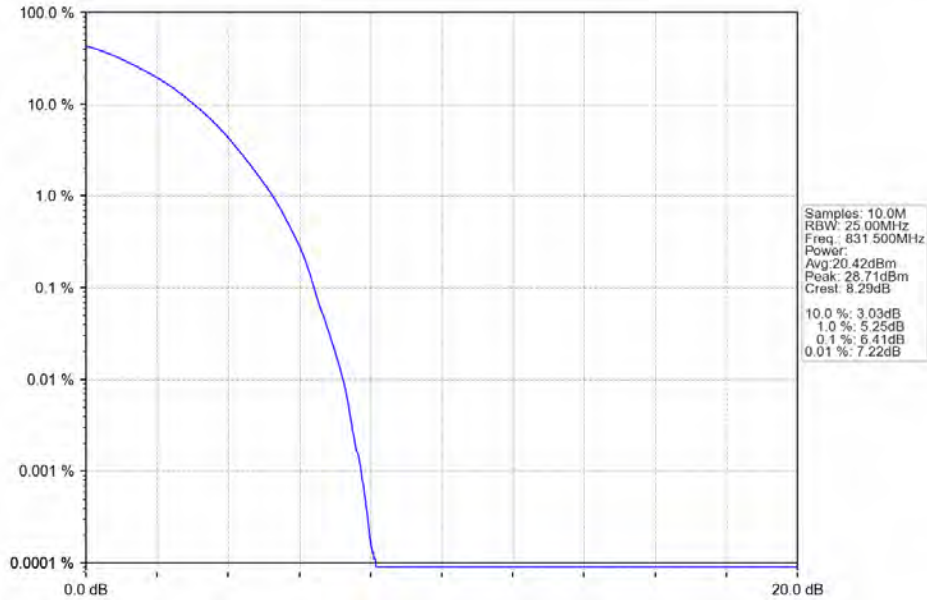


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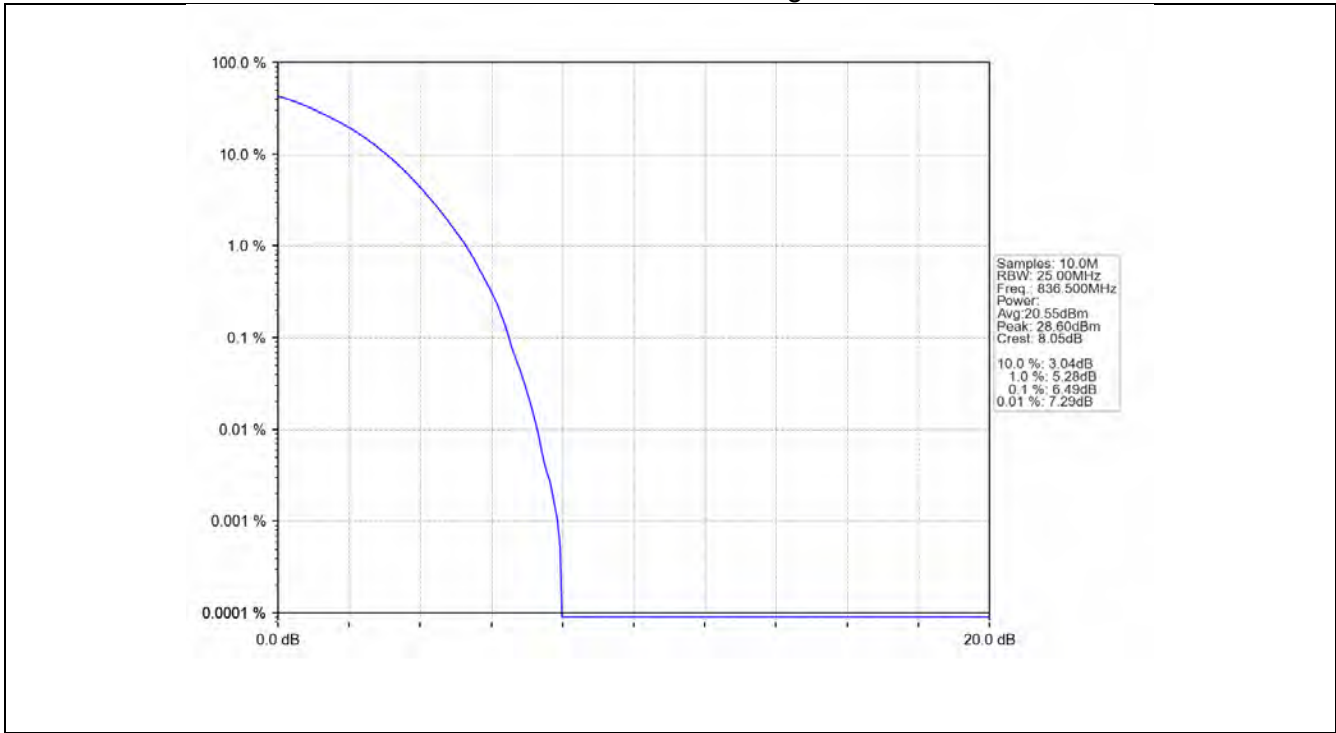


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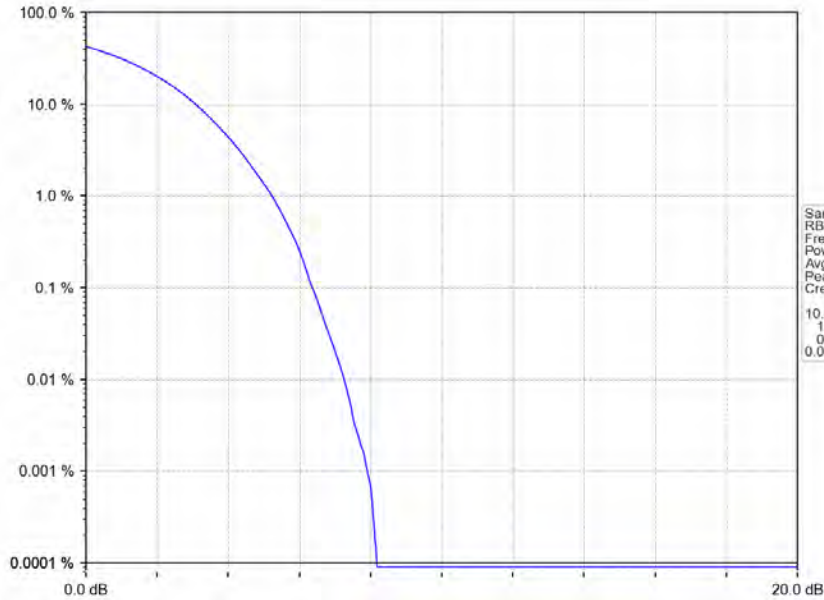


Report No.: SUCR240200003402

Rev.: 01

Page: 151 of 191

Band26b_15MHz_64QAM_HCH_841.5MHz_RB_75_0_NTNV



Samples: 10.0M
 RBW: 25.00MHz
 Freq: 841.500MHz
 Power:
 Avg: 20.39dBm
 Peak: 28.62dBm
 Crest: 8.23dB

10.0 %: 3.08dB
 1.0 %: 5.23dB
 0.1 %: 6.36dB
 0.01 %: 7.26dB



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5. Spurious Emission & Band Edges

5.1 Test Result

5.1.1 B26b_1.4MHz

Band: 26b / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		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 B26b_3MHz

Band: 26b / Bandwidth: 3MHz / NTV						
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
		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 B26b_5MHz

Band: 26b / Bandwidth: 5MHz / NTV						
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
		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		



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5.1.4 B26b_10MHz

Band: 26b / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.5 B26b_15MHz

Band: 26b / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	841.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass



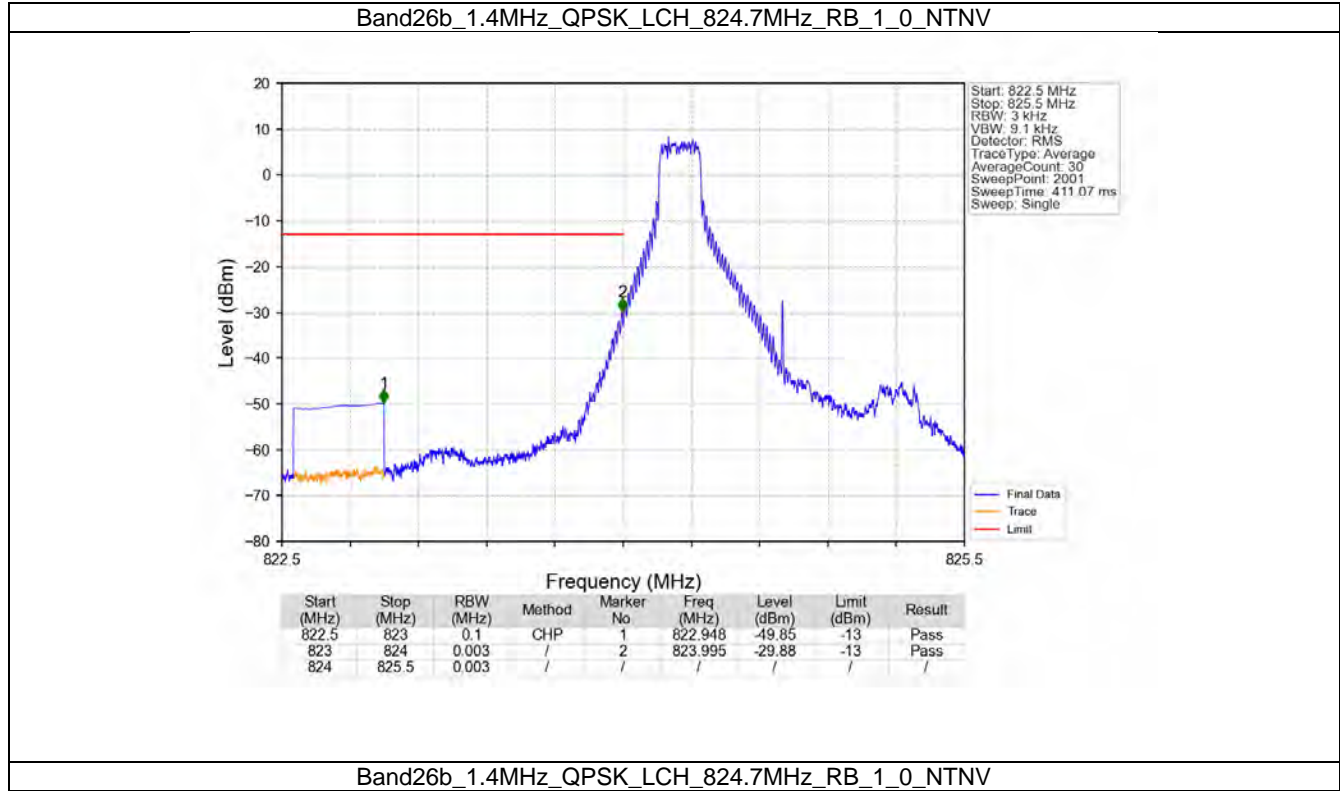
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5.2 Test Graph

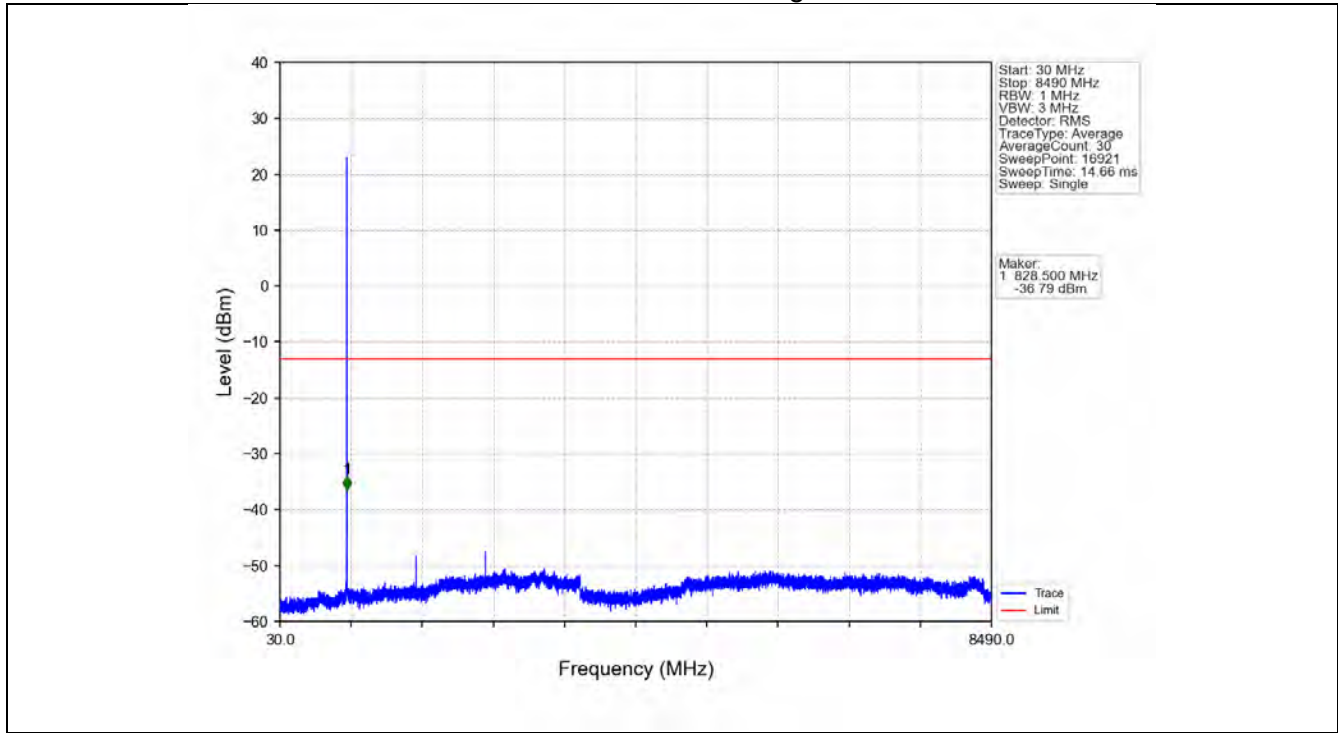
5.2.1 B26b_1.4MHz



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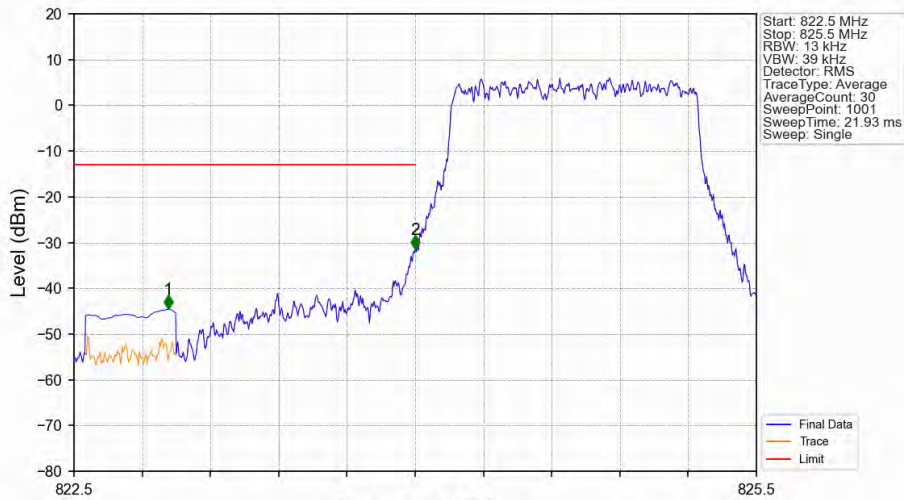


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Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.914	-44.57	-13	Pass
823	824	0.013	/	2	824.000	-31.50	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

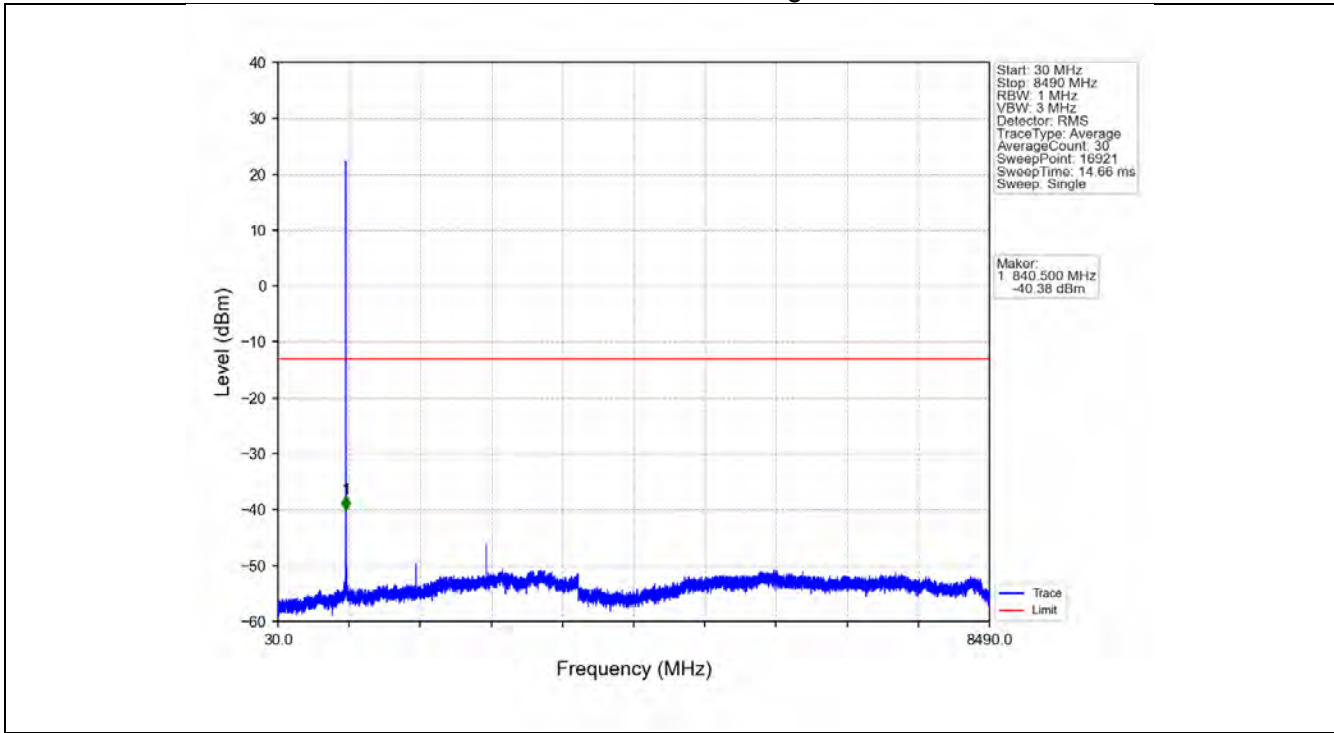
Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



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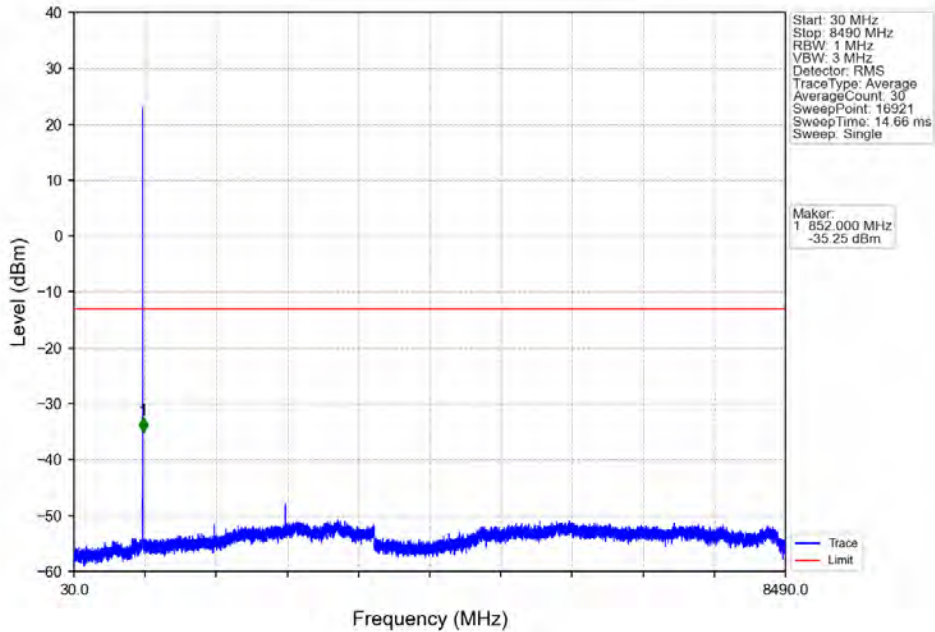


Report No.: SUCR240200003402

Rev.: 01

Page: 158 of 191

Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV

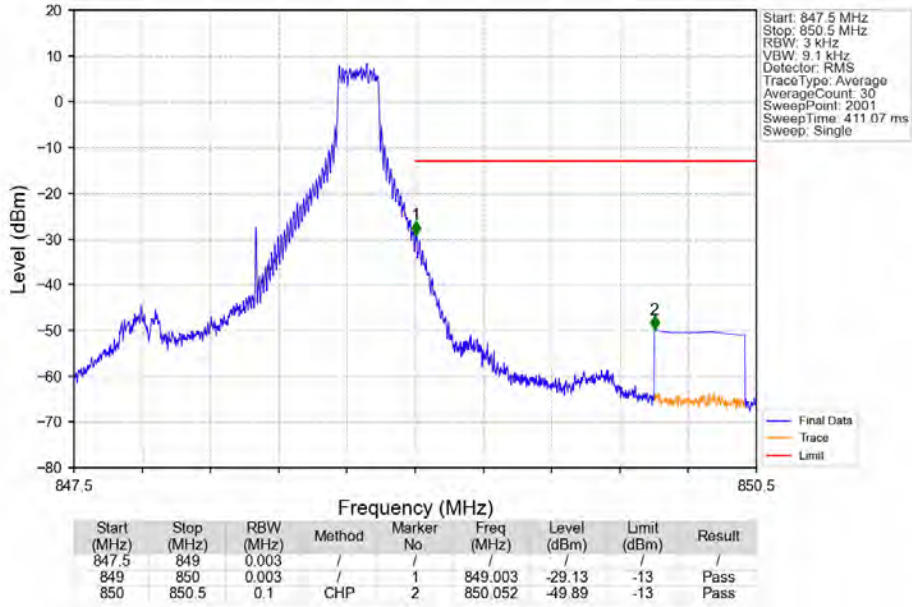


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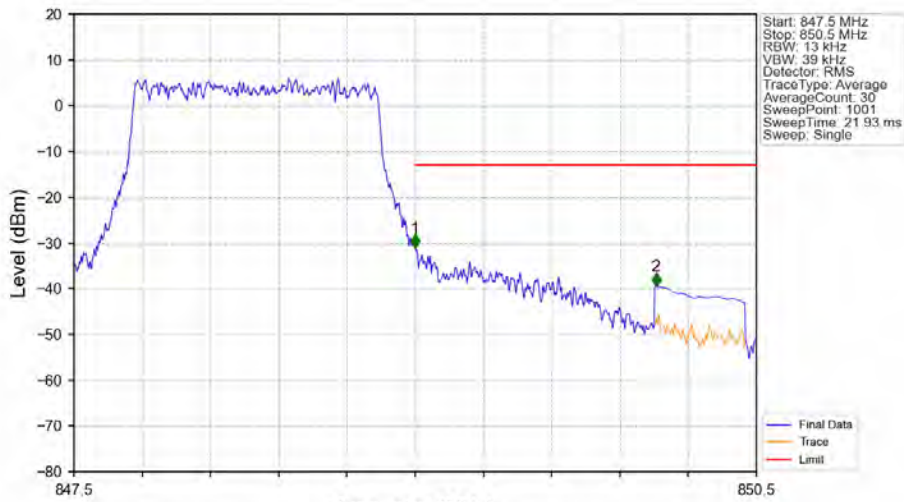


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Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



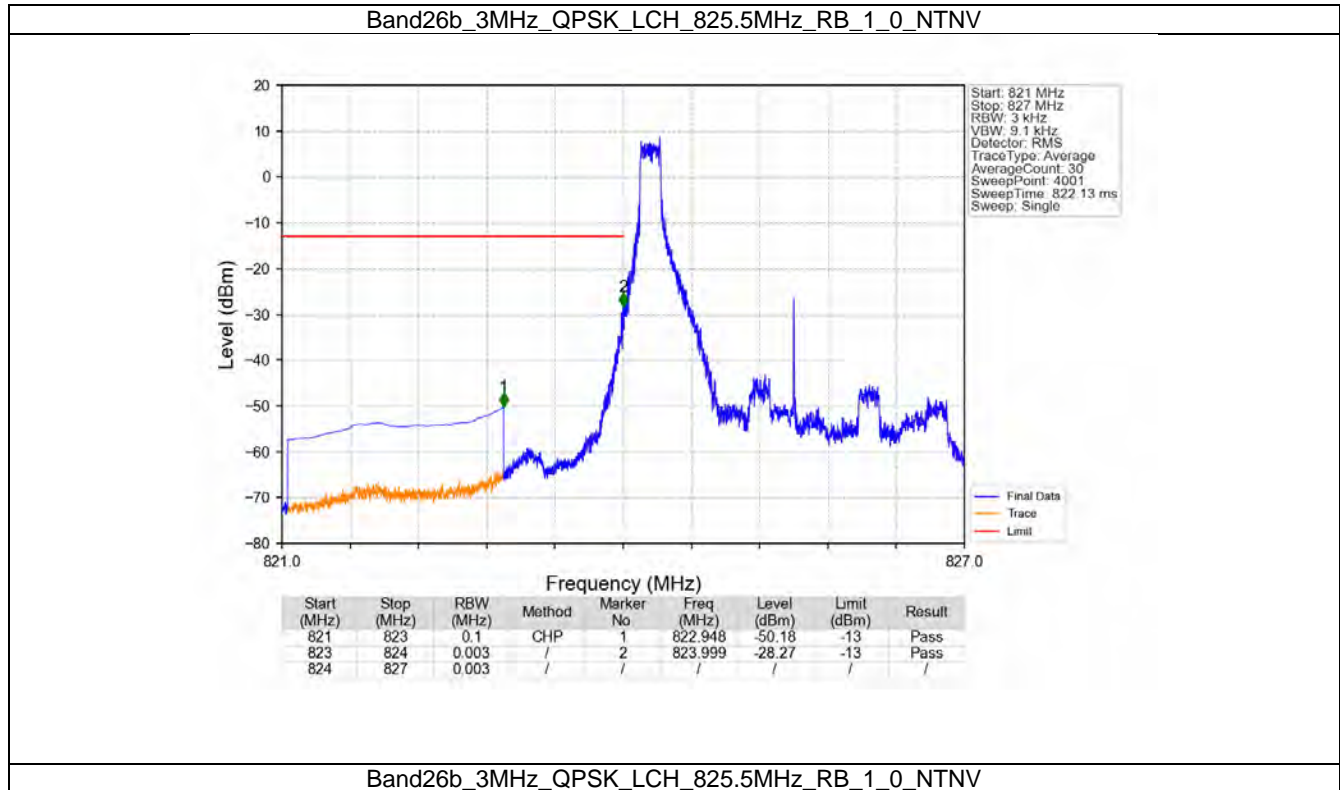
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.000	-31.21	-13	Pass
850	850.5	0.1	CHP	2	850.059	-39.55	-13	Pass



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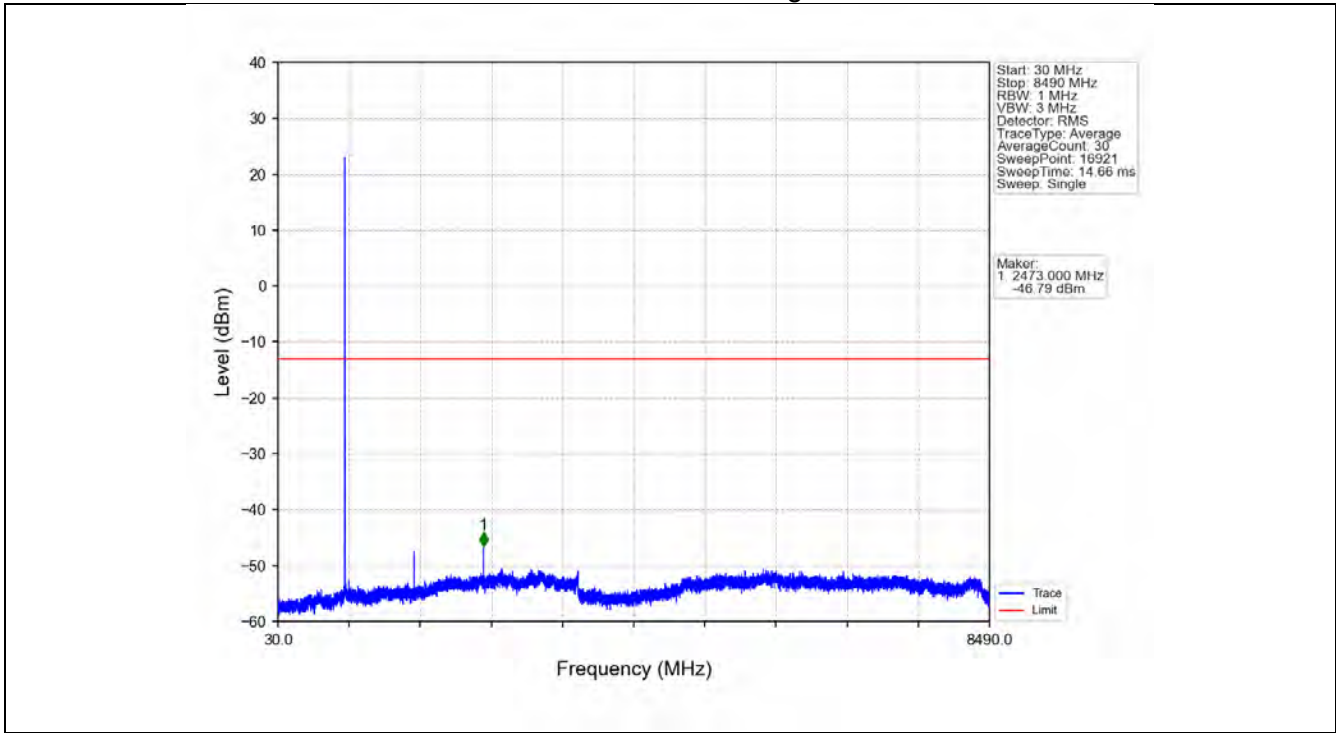
5.2.2 B26b_3MHz



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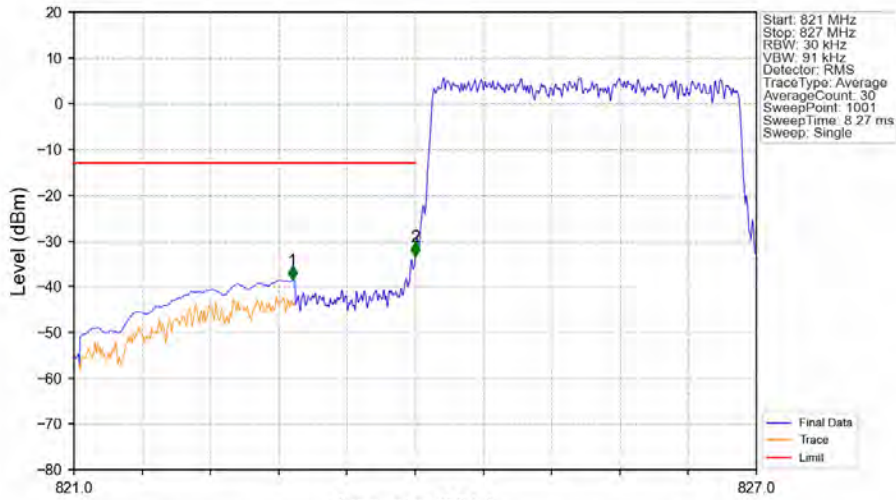


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Band26b_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.920	-38.56	-13	Pass
823	824	0.03	/	2	824.000	-33.47	-13	Pass
824	827	0.03	/	/	/	/	/	/

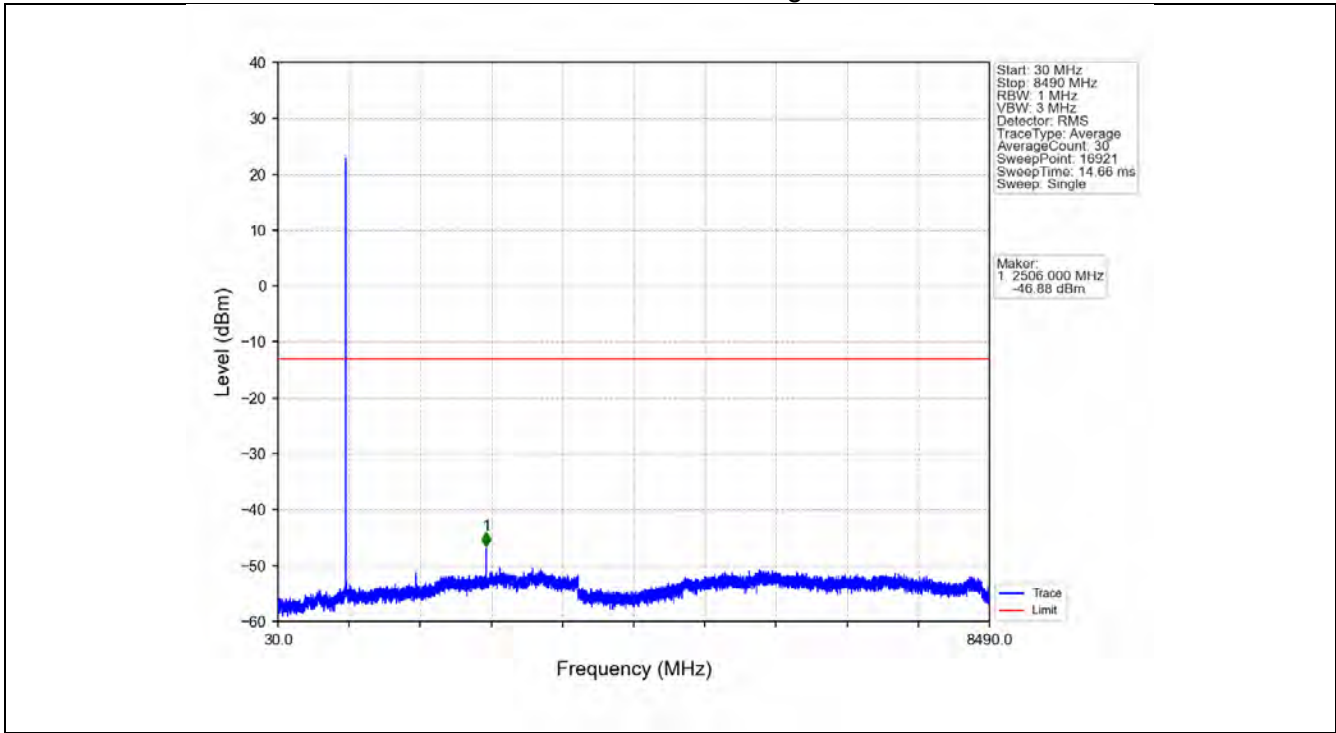
Band26b_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



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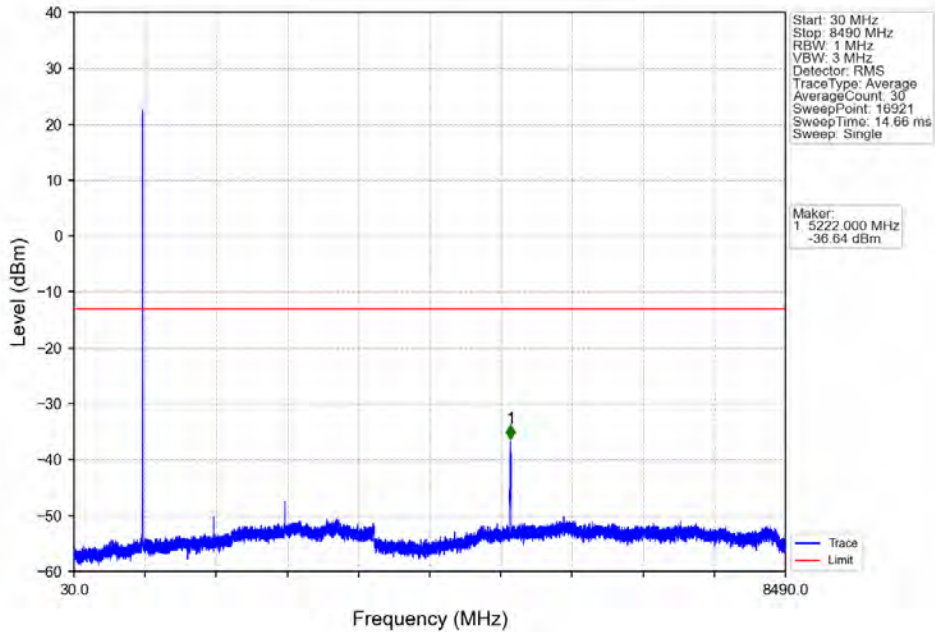


Report No.: SUCR240200003402

Rev.: 01

Page: 165 of 191

Band26b_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



Band26b_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV

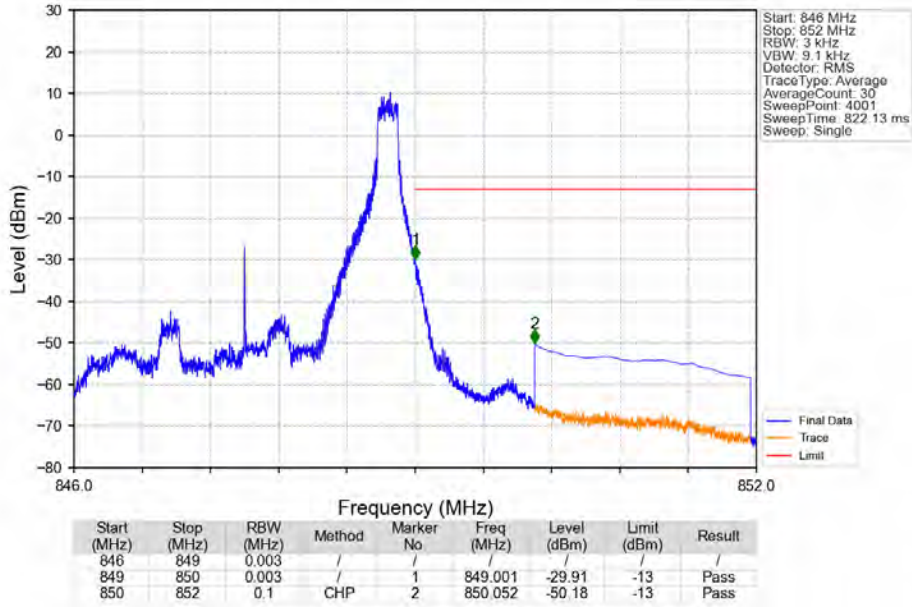


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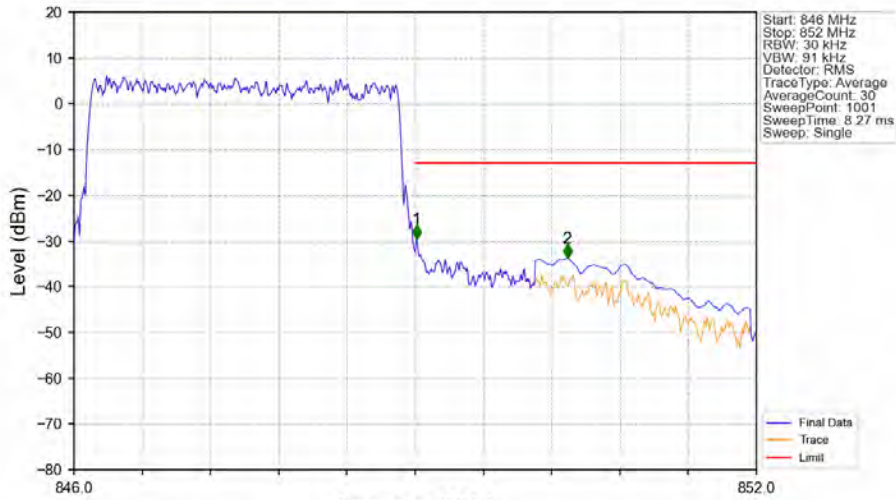


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Band26b_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



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	849.012	-29.55	-13	Pass
850	852	0.1	CHP	2	850.338	-33.82	-13	Pass

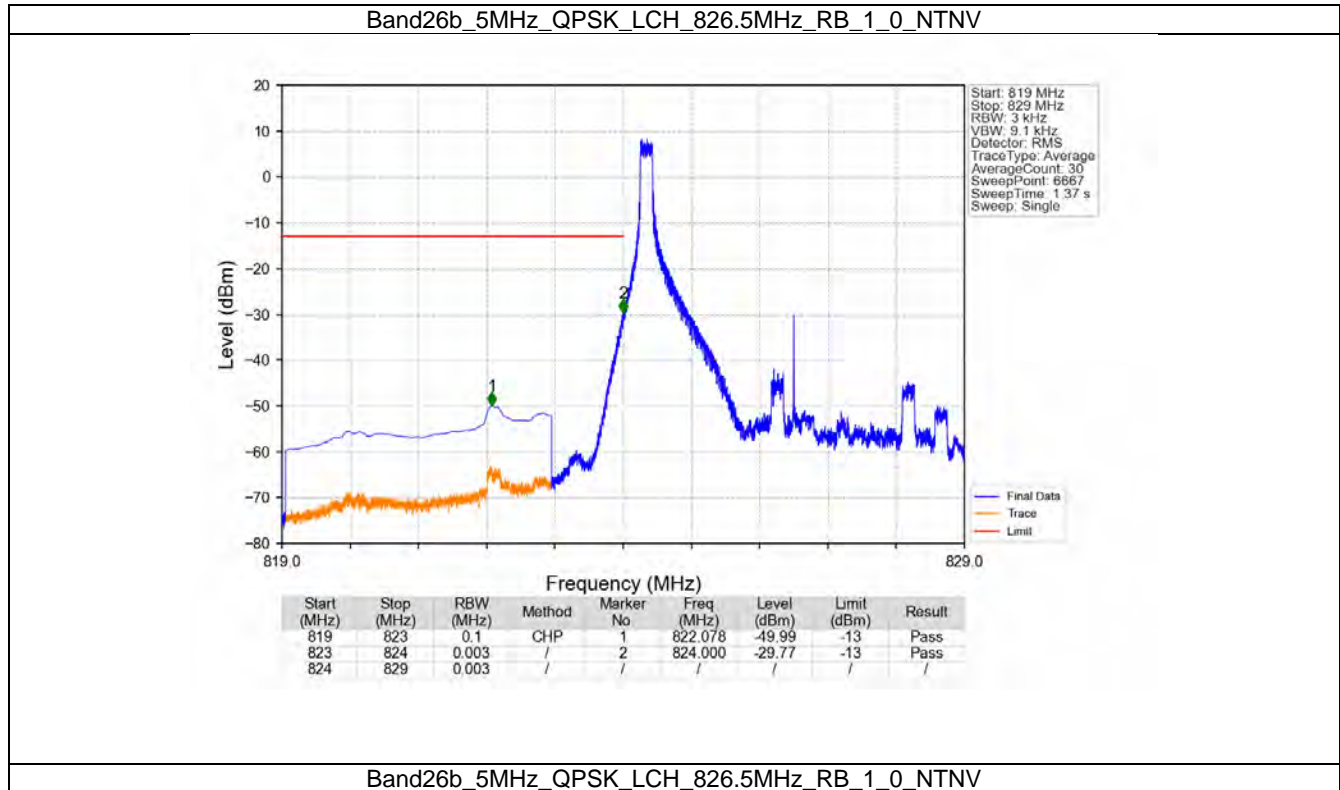


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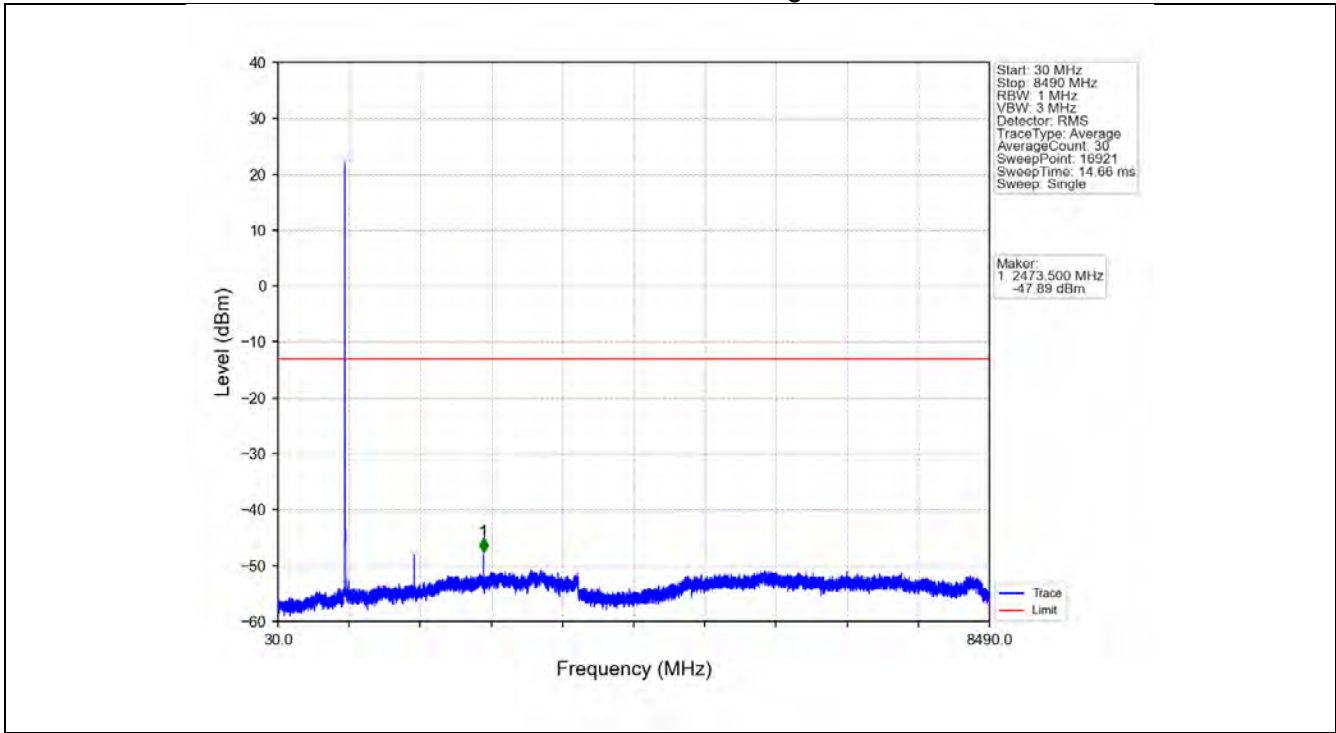
5.2.3 B26b_5MHz



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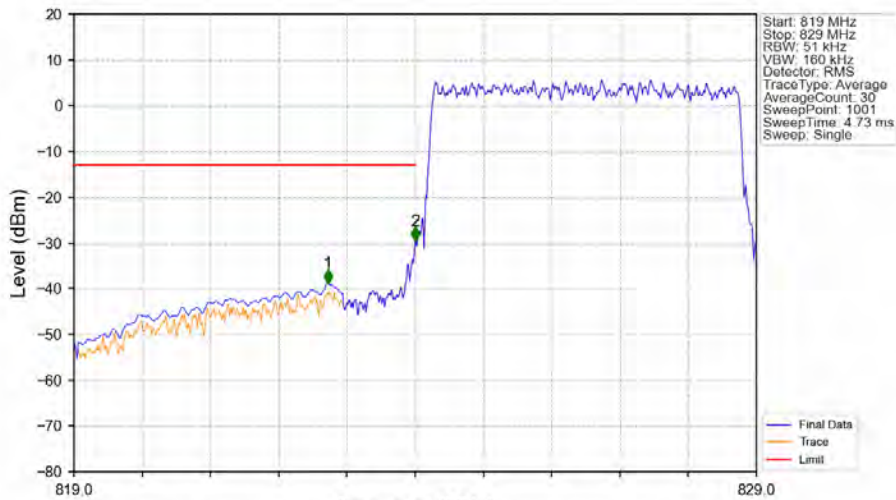


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Band26b_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.720	-38.83	-13	Pass
823	824	0.051	/	2	824.000	-29.56	-13	Pass
824	829	0.051	/	/	/	/	/	/

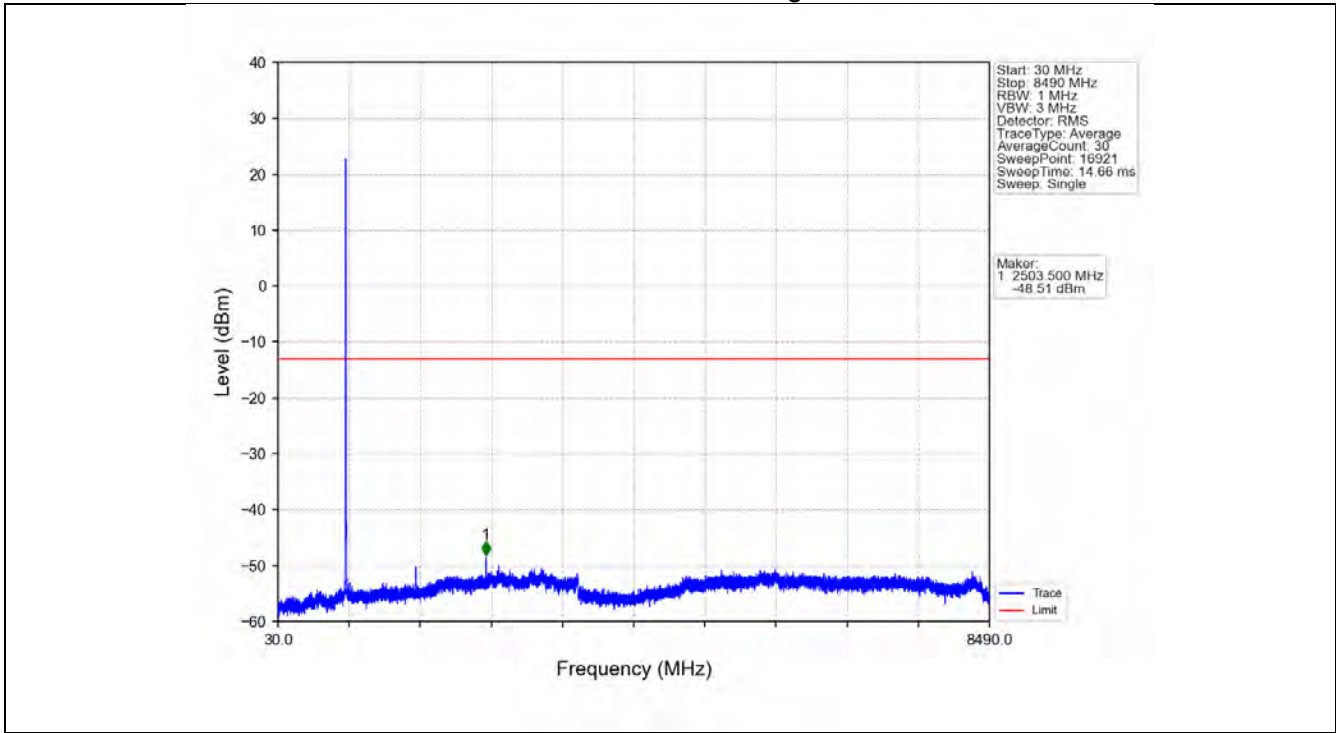
Band26b_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



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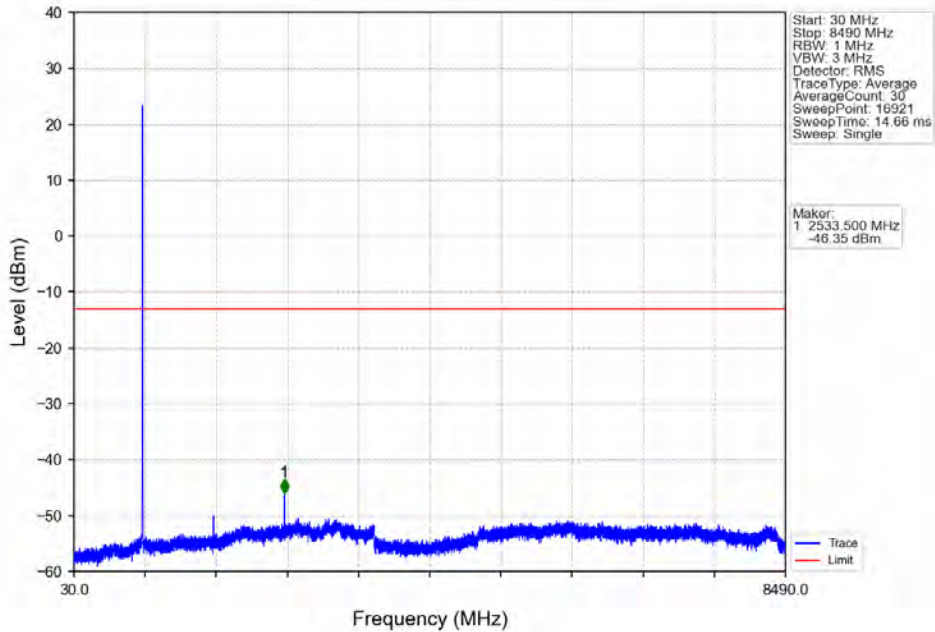


Report No.: SUCR240200003402

Rev.: 01

Page: 172 of 191

Band26b_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



Band26b_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV

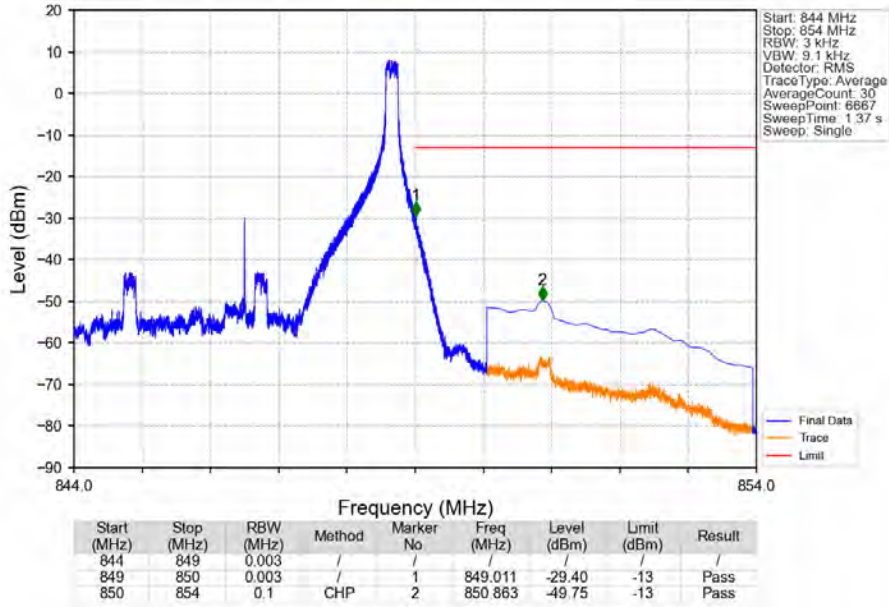


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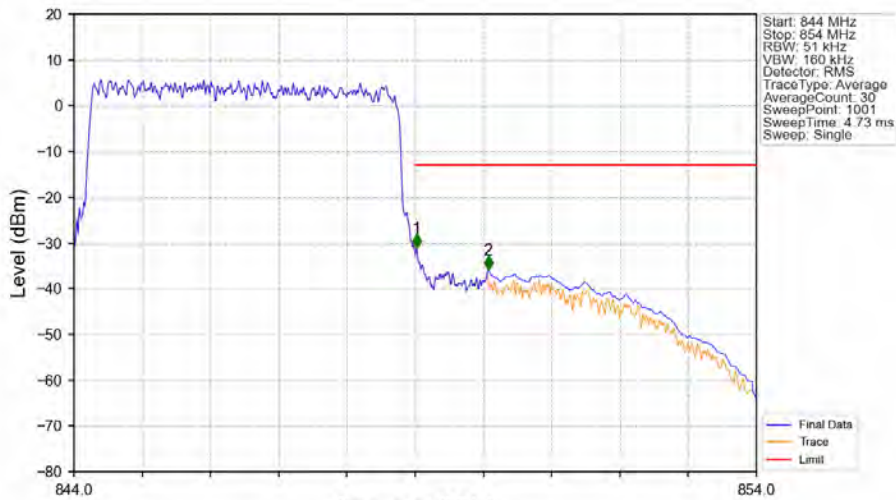


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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.020	-31.18	-13	Pass
850	854	0.1	CHP	2	850.070	-35.93	-13	Pass



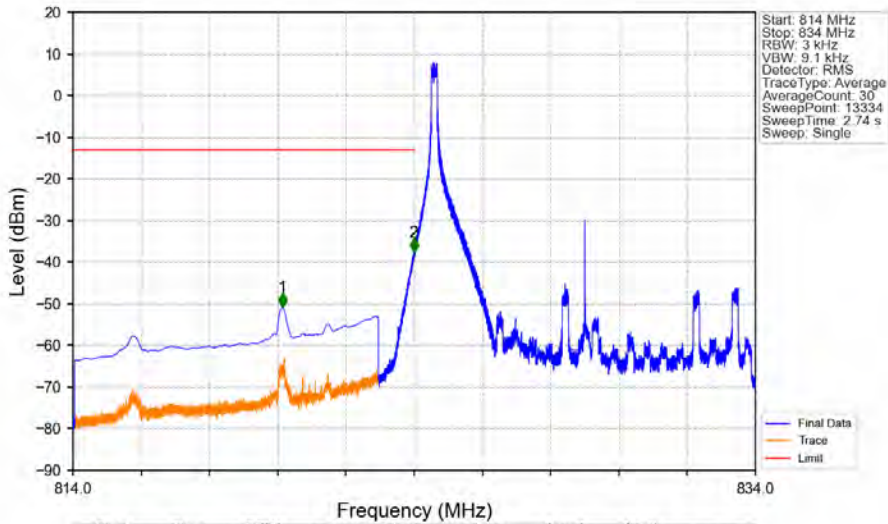
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5.2.4 B26b_10MHz

Band26b_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



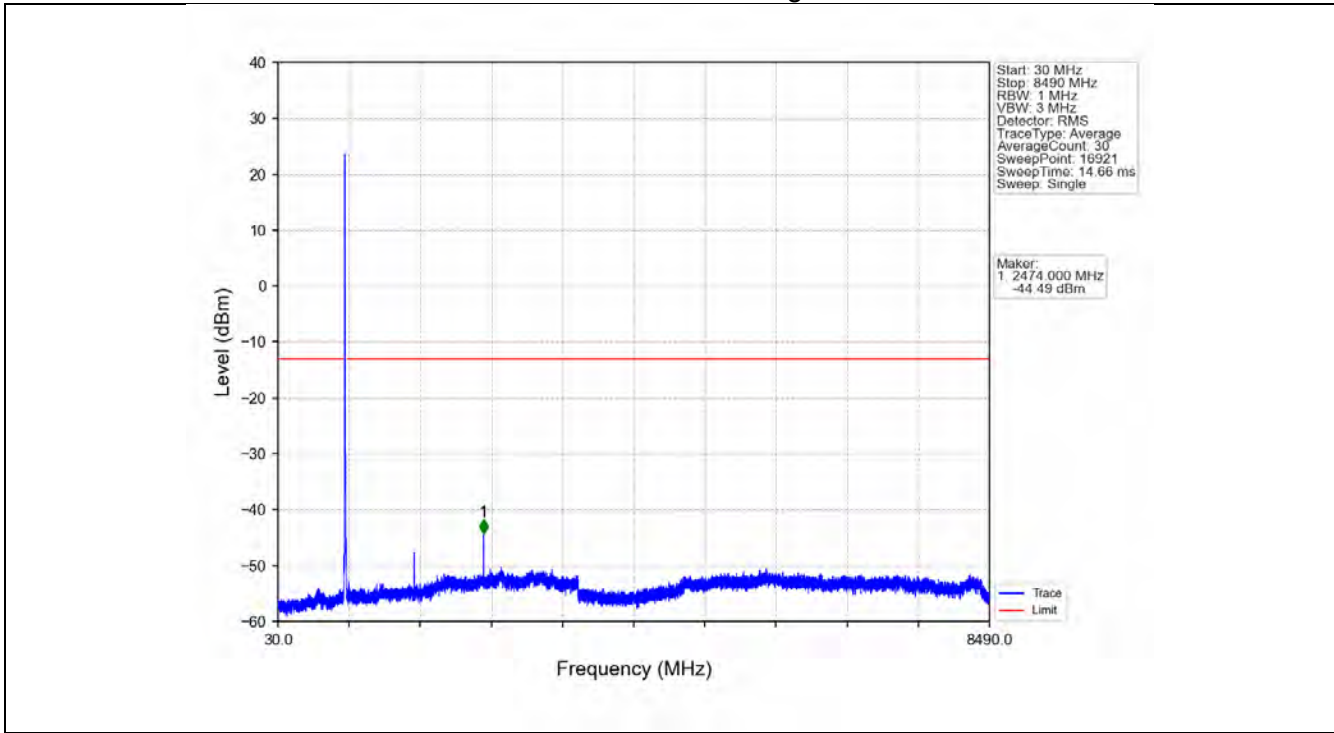
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	820.141	-50.89	-13	Pass
823	824	0.003	/	2	823.990	-37.61	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band26b_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



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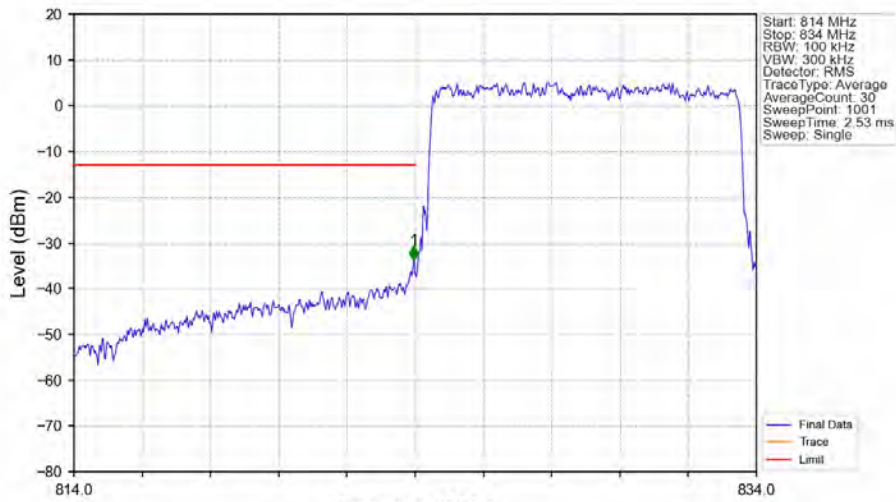


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Band26b_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	823.960	-33.76	-13	Pass
824	834	0.1	/	/	/	/	/	/

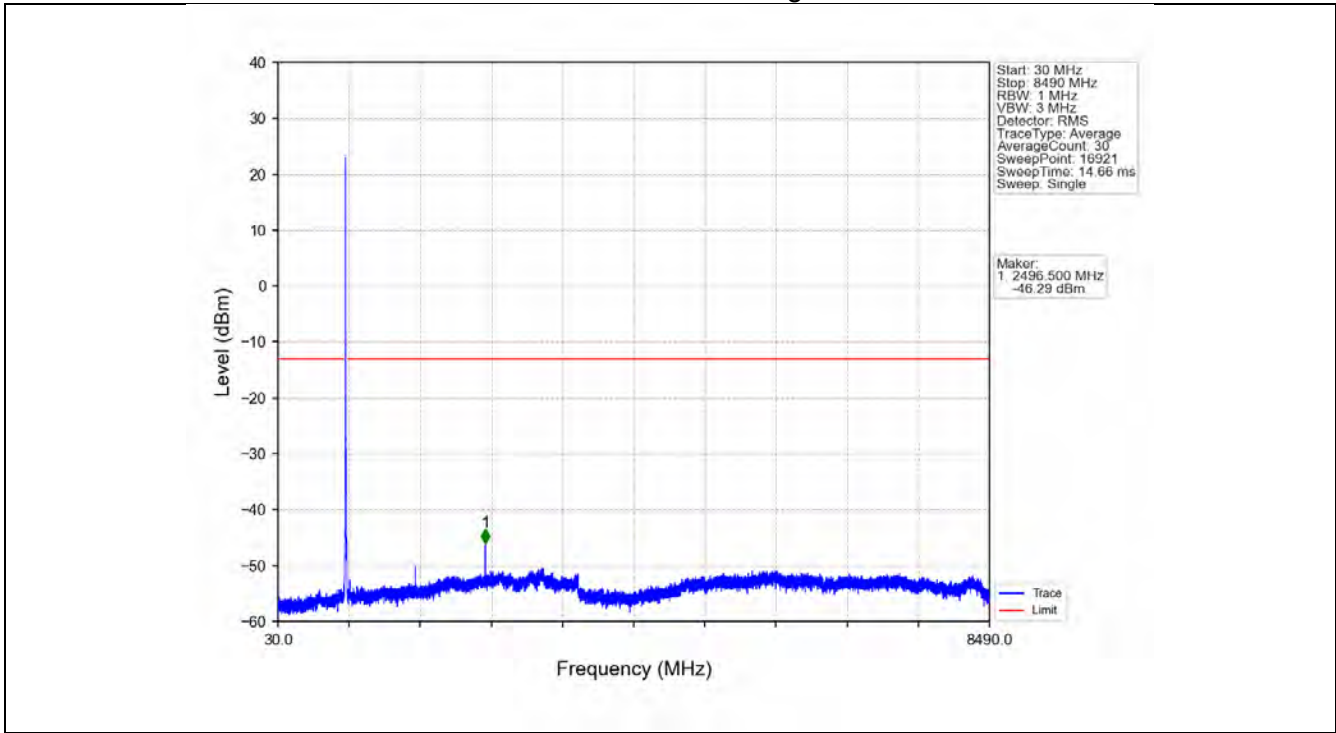
Band26b_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



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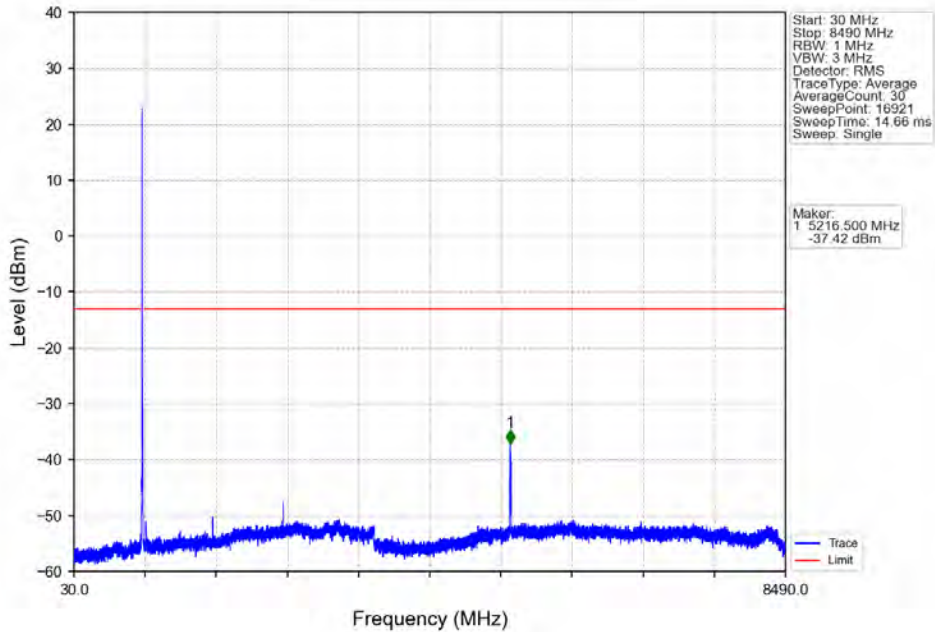


Report No.: SUCR240200003402

Rev.: 01

Page: 179 of 191

Band26b_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



Band26b_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV

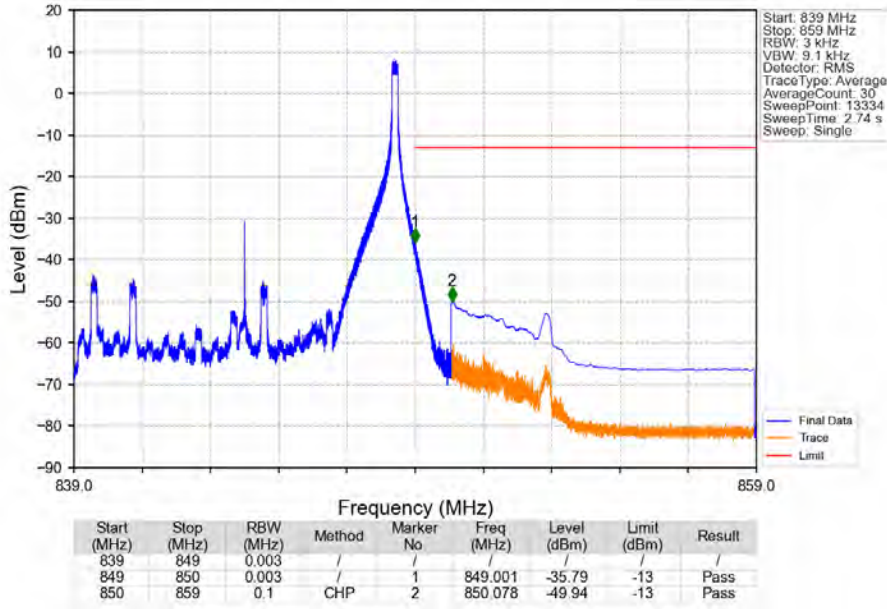


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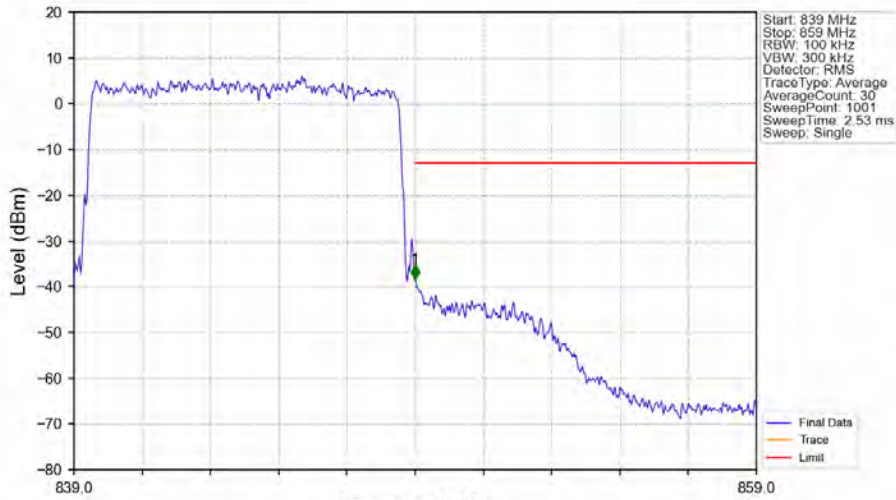


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Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.000	-38.36	-13	Pass

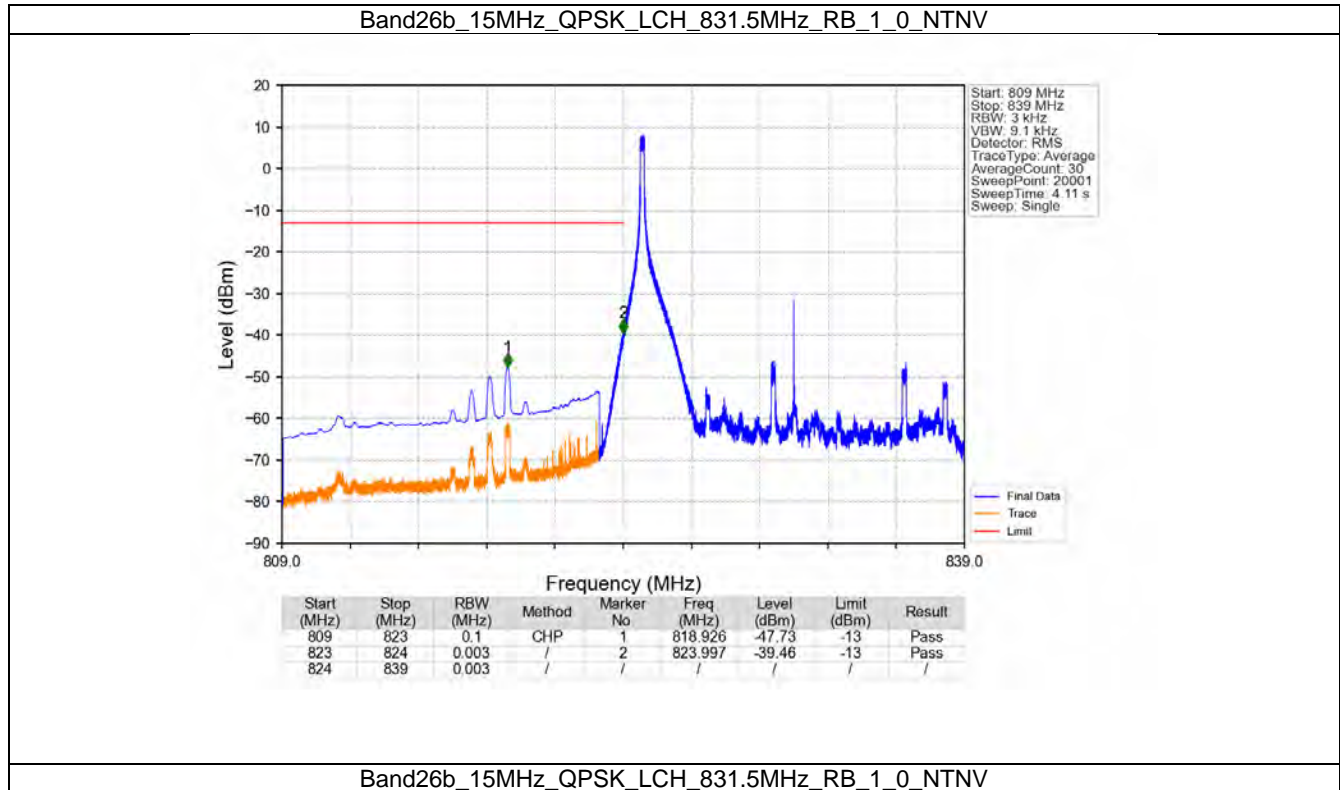


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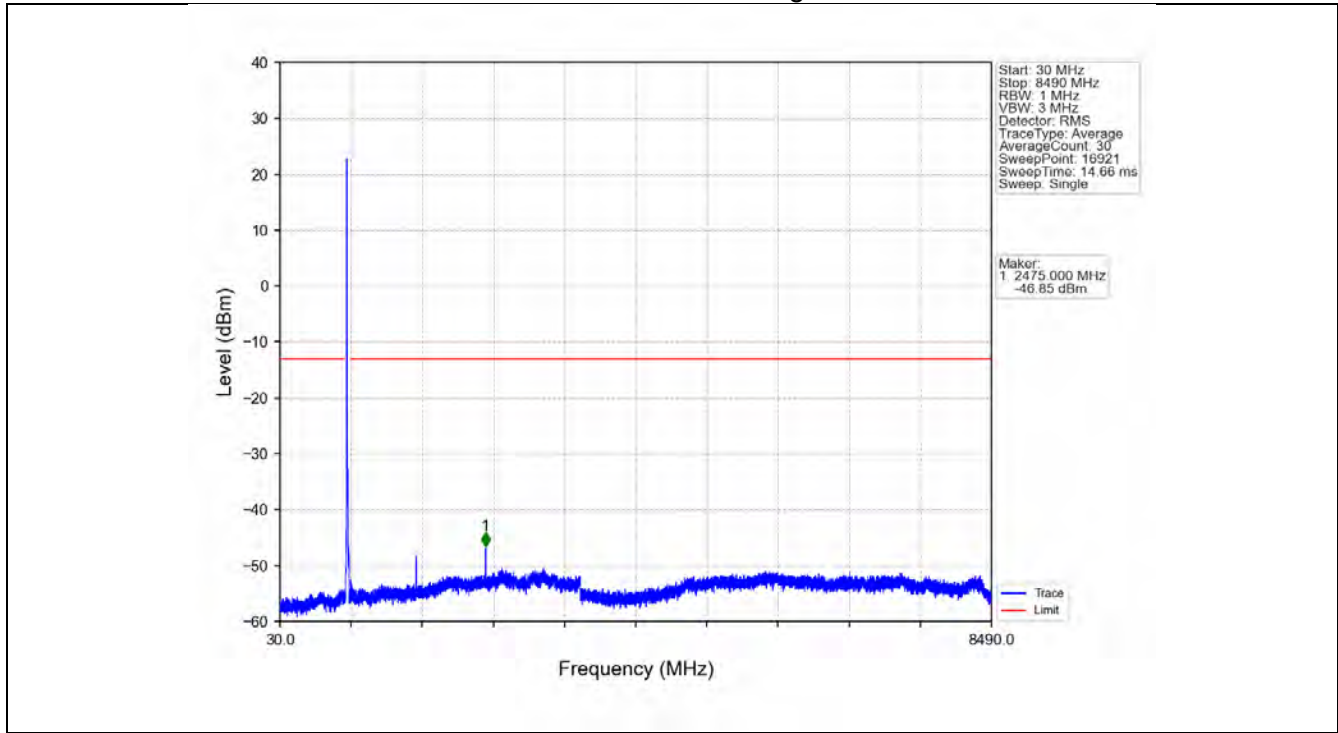
5.2.5 B26b_15MHz



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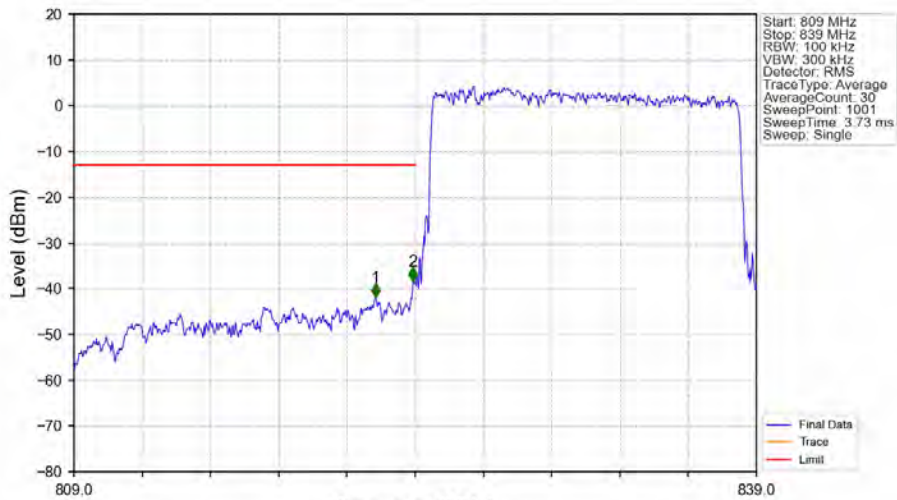


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Band26b_15MHz_QPSK_LCH_831.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	823	0.1	/	1	822.260	-41.85	-13	Pass
823	824	0.15	/	2	823.910	-38.39	-13	Pass
824	839	0.15	/	/	/	/	/	/

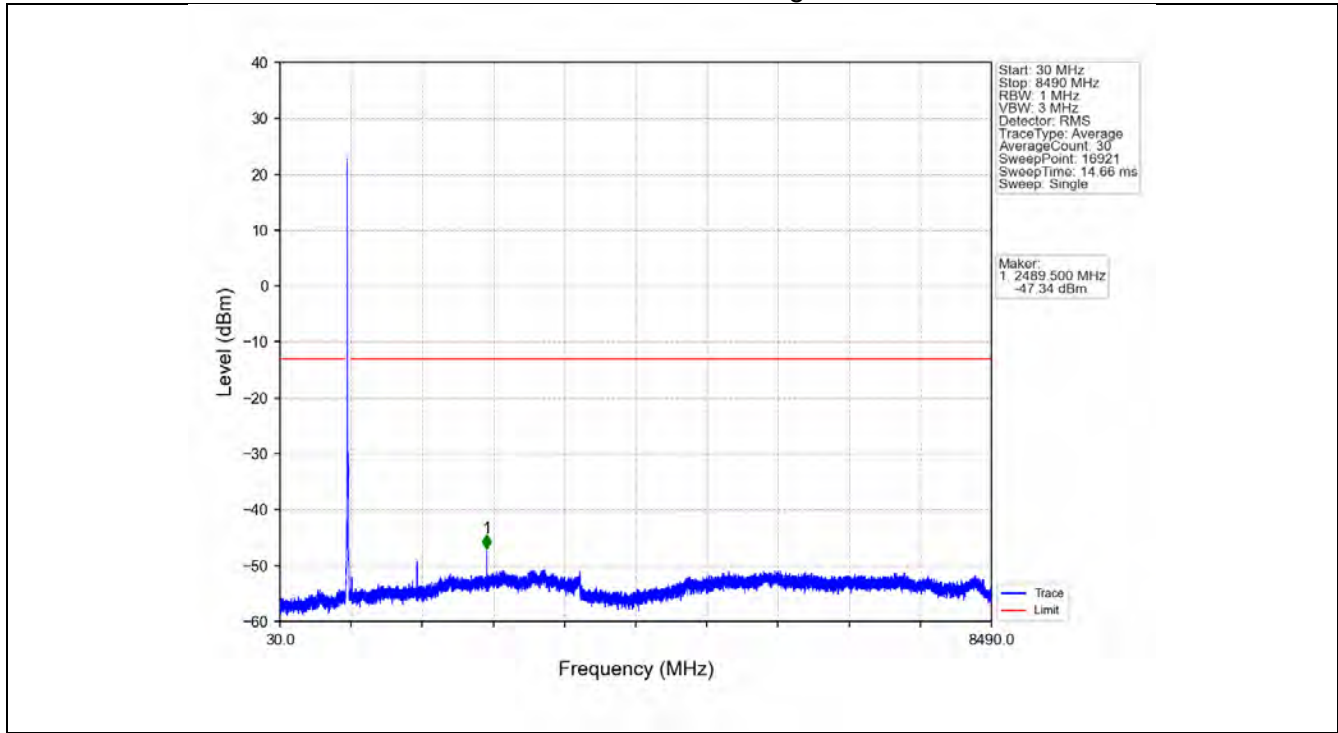
Band26b_15MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



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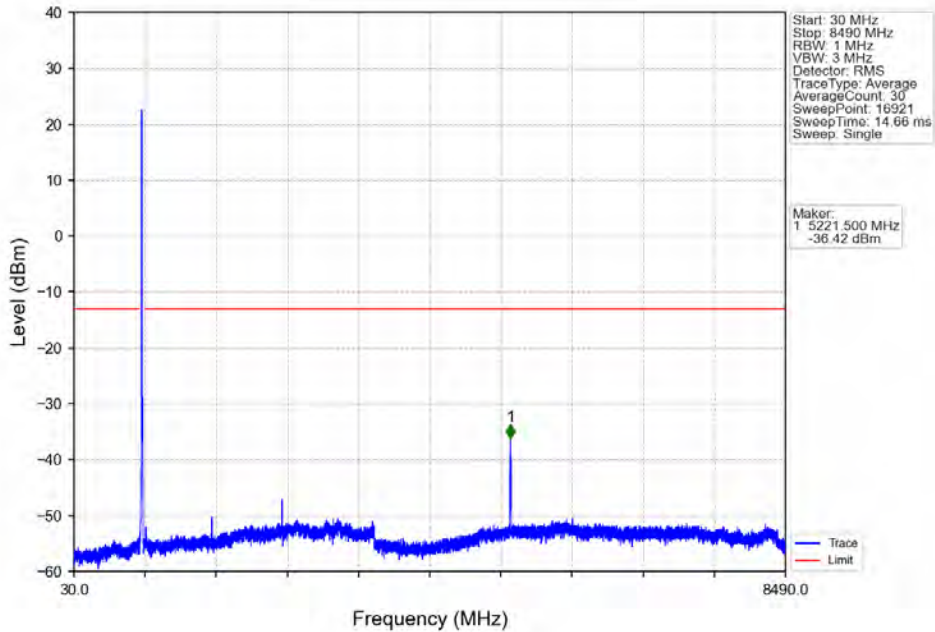


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Band26b_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV



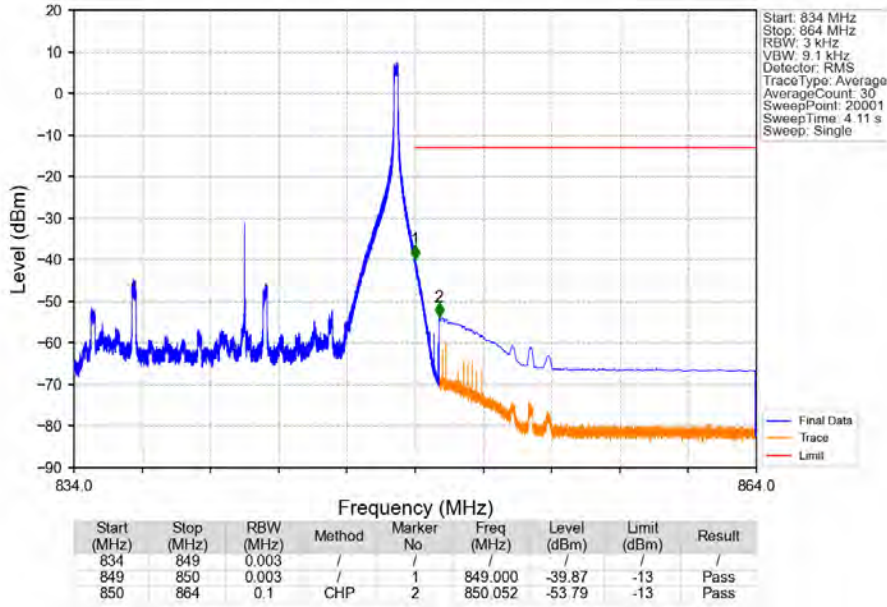
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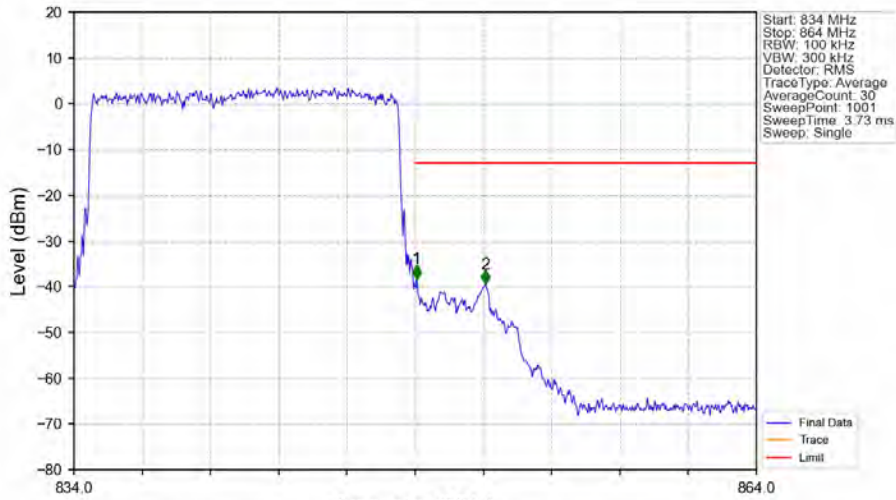


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Band26b_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.15	/	/	/	/	/	/
849	850	0.15	/	1	849.060	-38.30	-13	Pass
850	864	0.1	/	2	852.090	-39.48	-13	Pass



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6. Field Strength of Spurious Radiation

Test Band = LTE_26-15MHz
 Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649.5	67.47	-52.87	25.90	-54.76	-13.00	41.76	Horizontal
2	2474.5	99.02	-51.24	27.95	-19.53	-13.00	6.53	Horizontal
3	4124	81.23	-47.71	30.89	-30.85	-13.00	17.85	Horizontal
4	4948.5	66.85	-44.14	33.20	-39.35	-13.00	26.35	Horizontal
5	5774	58.64	-44.40	34.00	-47.02	-13.00	34.02	Horizontal
6	7424	55.23	-42.67	36.75	-45.95	-13.00	32.95	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649.5	60.73	-52.87	25.90	-61.50	-13.00	48.50	Vertical
2	2474	94.61	-51.24	27.95	-23.94	-13.00	10.94	Vertical
3	4124.5	74.88	-47.70	30.90	-37.18	-13.00	24.18	Vertical
4	4949	61.18	-44.13	33.20	-45.01	-13.00	32.01	Vertical
5	5773.5	54.39	-44.40	33.99	-51.28	-13.00	38.28	Vertical
6	7423.5	55.96	-42.67	36.75	-45.22	-13.00	32.22	Vertical



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Report No.: SUCR240200003402
Rev.: 01
Page: 190 of 191

Test Band = LTE_26-15MHz
Test Channel = MCH

Table with 9 columns: NO., Freq. [MHz], Reading [dBµV], Factor [dB], AF[dB/m], Level [dBm], Limit [dBm], Margin [dB], Polarity. Contains 6 rows of test data.

Table with 9 columns: NO., Freq. [MHz], Reading [dBµV], Factor [dB], AF[dB/m], Level [dBm], Limit [dBm], Margin [dB], Polarity. Contains 6 rows of test data.



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Test Band = LTE_26-15MHz
 Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1669.5	66.56	-52.78	25.86	-55.62	-13.00	42.62	Horizontal
2	2505	93.58	-51.17	28.03	-24.82	-13.00	11.82	Horizontal
3	4174	73.30	-47.28	31.29	-37.95	-13.00	24.95	Horizontal
4	5009	59.26	-44.11	33.15	-46.96	-13.00	33.96	Horizontal
5	5844	59.05	-44.62	34.10	-46.73	-13.00	33.73	Horizontal
6	7513.5	54.01	-42.44	36.65	-47.04	-13.00	34.04	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1669.5	59.89	-52.78	25.86	-62.29	-13.00	49.29	Vertical
2	2504.5	95.87	-51.17	28.03	-22.53	-13.00	9.53	Vertical
3	4174	67.45	-47.28	31.29	-43.80	-13.00	30.80	Vertical
4	5844	53.84	-44.62	34.10	-51.94	-13.00	38.94	Vertical
5	7513.5	52.85	-42.44	36.65	-48.20	-13.00	35.20	Vertical
6	9028	49.59	-40.42	38.74	-47.35	-13.00	34.35	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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