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Rev.: 01
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Appendix B.13

LTE Band 26(814-824)



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1. Transmitter Conducted Power Output

1.1 B26a_1.4MHz_ERP ANT1

1.1.1 Test Result

Band: 26a / Bandwidth: 1.4MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	814.7	1	0	24.19	-5.00	/	<=50	Pass	
			2	24.16	-5.00	/	<=50	Pass	
			5	24.15	-5.00	/	<=50	Pass	
		3	0	24.24	-5.00	/	<=50	Pass	
			2	24.16	-5.00	/	<=50	Pass	
			3	24.16	-5.00	/	<=50	Pass	
	6	0	23.14	-5.00	/	<=50	Pass		
		819	1	0	24.26	-5.00	/	<=50	Pass
				2	24.21	-5.00	/	<=50	Pass
	5			24.18	-5.00	/	<=50	Pass	
	3	0	24.17	-5.00	/	<=50	Pass		
		2	24.14	-5.00	/	<=50	Pass		
		3	24.14	-5.00	/	<=50	Pass		
	6	0	23.14	-5.00	/	<=50	Pass		
		823.3	1	0	24.1	-5.00	/	<=50	Pass
				2	24.21	-5.00	/	<=50	Pass
	5			24.15	-5.00	/	<=50	Pass	
	3		0	24.13	-5.00	/	<=50	Pass	
			2	24.15	-5.00	/	<=50	Pass	
			3	24.16	-5.00	/	<=50	Pass	
	6	0	23.13	-5.00	/	<=50	Pass		
		814.7	1	0	23.25	-5.00	/	<=50	Pass
				2	23.39	-5.00	/	<=50	Pass
	5			23.28	-5.00	/	<=50	Pass	
3	0		23.31	-5.00	/	<=50	Pass		
	2		23.3	-5.00	/	<=50	Pass		
	3		23.26	-5.00	/	<=50	Pass		
6	0	22.1	-5.00	/	<=50	Pass			
	819	1	0	23.27	-5.00	/	<=50	Pass	
			2	23.35	-5.00	/	<=50	Pass	
5			23.24	-5.00	/	<=50	Pass		
3		0	23.24	-5.00	/	<=50	Pass		
		2	23.27	-5.00	/	<=50	Pass		
		3	23.2	-5.00	/	<=50	Pass		
6	0	22.2	-5.00	/	<=50	Pass			
	823.3	1	0	23.23	-5.00	/	<=50	Pass	
			2	23.35	-5.00	/	<=50	Pass	



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			5	23.17	-5.00	/	<=50	Pass		
			0	23.3	-5.00	/	<=50	Pass		
		3	2	23.25	-5.00	/	<=50	Pass		
			3	23.24	-5.00	/	<=50	Pass		
		6	0	22.17	-5.00	/	<=50	Pass		
64QAM	814.7	1	0	22.29	-5.00	/	<=50	Pass		
			2	22.36	-5.00	/	<=50	Pass		
			5	22.38	-5.00	/	<=50	Pass		
		3	0	22.35	-5.00	/	<=50	Pass		
			2	22.31	-5.00	/	<=50	Pass		
			3	22.27	-5.00	/	<=50	Pass		
		6	0	21.27	-5.00	/	<=50	Pass		
		819	1	0	22.28	-5.00	/	<=50	Pass	
				2	22.24	-5.00	/	<=50	Pass	
	5			22.19	-5.00	/	<=50	Pass		
	3		0	22.25	-5.00	/	<=50	Pass		
			2	22.27	-5.00	/	<=50	Pass		
			3	22.22	-5.00	/	<=50	Pass		
	6		0	21.3	-5.00	/	<=50	Pass		
	823.3		1	0	22.28	-5.00	/	<=50	Pass	
				2	22.43	-5.00	/	<=50	Pass	
		5		22.18	-5.00	/	<=50	Pass		
		3	0	22.27	-5.00	/	<=50	Pass		
			2	22.22	-5.00	/	<=50	Pass		
			3	22.26	-5.00	/	<=50	Pass		
		6	0	21.17	-5.00	/	<=50	Pass		
		Note1: ERP=Conducted Power+Antenna Gain-2.15								



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1.2 B26a_3MHz_ERP

1.2.1 Test Result

Band: 26a / Bandwidth: 3MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	815.5	1	0	24.08	-5.00	/	<=50	Pass		
			7	24.18	-5.00	/	<=50	Pass		
			14	24.1	-5.00	/	<=50	Pass		
		8	0	23.2	-5.00	/	<=50	Pass		
			4	23.22	-5.00	/	<=50	Pass		
			7	23.16	-5.00	/	<=50	Pass		
		15	0	23.18	-5.00	/	<=50	Pass		
		819	1	0	24.07	-5.00	/	<=50	Pass	
				7	24.11	-5.00	/	<=50	Pass	
	14			24.1	-5.00	/	<=50	Pass		
	8		0	23.19	-5.00	/	<=50	Pass		
			4	23.2	-5.00	/	<=50	Pass		
			7	23.16	-5.00	/	<=50	Pass		
	15		0	23.18	-5.00	/	<=50	Pass		
	822.5		1	0	24.1	-5.00	/	<=50	Pass	
				7	24.15	-5.00	/	<=50	Pass	
		14		24.11	-5.00	/	<=50	Pass		
		8	0	23.16	-5.00	/	<=50	Pass		
			4	23.19	-5.00	/	<=50	Pass		
			7	23.16	-5.00	/	<=50	Pass		
		15	0	23.16	-5.00	/	<=50	Pass		
		16QAM	815.5	1	0	23.34	-5.00	/	<=50	Pass
					7	23.44	-5.00	/	<=50	Pass
	14				23.26	-5.00	/	<=50	Pass	
8	0			22.17	-5.00	/	<=50	Pass		
	4			22.21	-5.00	/	<=50	Pass		
	7			22.2	-5.00	/	<=50	Pass		
15	0			22.24	-5.00	/	<=50	Pass		
819	1			0	23.32	-5.00	/	<=50	Pass	
				7	23.35	-5.00	/	<=50	Pass	
			14	23.22	-5.00	/	<=50	Pass		
	8		0	22.19	-5.00	/	<=50	Pass		
			4	22.26	-5.00	/	<=50	Pass		
			7	22.21	-5.00	/	<=50	Pass		
	15		0	22.19	-5.00	/	<=50	Pass		
	822.5		1	0	23.33	-5.00	/	<=50	Pass	
				7	23.31	-5.00	/	<=50	Pass	



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			14	23.18	-5.00	/	<=50	Pass	
			0	22.19	-5.00	/	<=50	Pass	
		8	4	22.27	-5.00	/	<=50	Pass	
			7	22.15	-5.00	/	<=50	Pass	
		15	0	22.16	-5.00	/	<=50	Pass	
64QAM	815.5	1	0	22.21	-5.00	/	<=50	Pass	
			7	22.41	-5.00	/	<=50	Pass	
			14	22.23	-5.00	/	<=50	Pass	
		8	0	21.27	-5.00	/	<=50	Pass	
			4	21.27	-5.00	/	<=50	Pass	
			7	21.23	-5.00	/	<=50	Pass	
		15	0	21.2	-5.00	/	<=50	Pass	
		819	1	0	22.25	-5.00	/	<=50	Pass
				7	22.15	-5.00	/	<=50	Pass
	14			22.32	-5.00	/	<=50	Pass	
	8		0	21.08	-5.00	/	<=50	Pass	
			4	21.32	-5.00	/	<=50	Pass	
			7	21.25	-5.00	/	<=50	Pass	
	15		0	21.2	-5.00	/	<=50	Pass	
	822.5		1	0	22.34	-5.00	/	<=50	Pass
				7	22.39	-5.00	/	<=50	Pass
		14		22.21	-5.00	/	<=50	Pass	
		8	0	21.27	-5.00	/	<=50	Pass	
			4	21.19	-5.00	/	<=50	Pass	
			7	21.18	-5.00	/	<=50	Pass	
		15	0	21.17	-5.00	/	<=50	Pass	

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.3 B26a_5MHz_ERP

1.3.1 Test Result

Band: 26a / Bandwidth: 5MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	816.5	1	0	24.19	-5.00	/	<=50	Pass		
			13	24.22	-5.00	/	<=50	Pass		
			24	24.1	-5.00	/	<=50	Pass		
		12	0	23.12	-5.00	/	<=50	Pass		
			6	23.23	-5.00	/	<=50	Pass		
			13	23.18	-5.00	/	<=50	Pass		
		25	0	23.19	-5.00	/	<=50	Pass		
		819	1	0	24.18	-5.00	/	<=50	Pass	
				13	24.25	-5.00	/	<=50	Pass	
	24			24.11	-5.00	/	<=50	Pass		
	12		0	23.13	-5.00	/	<=50	Pass		
			6	23.22	-5.00	/	<=50	Pass		
			13	23.18	-5.00	/	<=50	Pass		
	25		0	23.21	-5.00	/	<=50	Pass		
	821.5		1	0	24.19	-5.00	/	<=50	Pass	
				13	24.27	-5.00	/	<=50	Pass	
		24		24.16	-5.00	/	<=50	Pass		
		12	0	23.14	-5.00	/	<=50	Pass		
			6	23.21	-5.00	/	<=50	Pass		
			13	23.21	-5.00	/	<=50	Pass		
		25	0	23.18	-5.00	/	<=50	Pass		
		16QAM	816.5	1	0	23.34	-5.00	/	<=50	Pass
					13	23.39	-5.00	/	<=50	Pass
	24				23.25	-5.00	/	<=50	Pass	
12	0			22.13	-5.00	/	<=50	Pass		
	6			22.21	-5.00	/	<=50	Pass		
	13			22.21	-5.00	/	<=50	Pass		
25	0			22.22	-5.00	/	<=50	Pass		
819	1			0	23.34	-5.00	/	<=50	Pass	
				13	23.39	-5.00	/	<=50	Pass	
			24	23.23	-5.00	/	<=50	Pass		
	12		0	22.14	-5.00	/	<=50	Pass		
			6	22.26	-5.00	/	<=50	Pass		
			13	22.26	-5.00	/	<=50	Pass		
	25		0	22.21	-5.00	/	<=50	Pass		
	821.5		1	0	23.34	-5.00	/	<=50	Pass	
				13	23.39	-5.00	/	<=50	Pass	
24				23.23	-5.00	/	<=50	Pass		
12			0	22.14	-5.00	/	<=50	Pass		
			6	22.26	-5.00	/	<=50	Pass		
			13	22.26	-5.00	/	<=50	Pass		



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			24	23.16	-5.00	/	<=50	Pass	
			0	22.22	-5.00	/	<=50	Pass	
		12	6	22.29	-5.00	/	<=50	Pass	
			13	22.17	-5.00	/	<=50	Pass	
		25	0	22.21	-5.00	/	<=50	Pass	
64QAM	816.5	1	0	22.34	-5.00	/	<=50	Pass	
			13	22.31	-5.00	/	<=50	Pass	
			24	22.33	-5.00	/	<=50	Pass	
		12	0	21.14	-5.00	/	<=50	Pass	
			6	21.28	-5.00	/	<=50	Pass	
			13	21.22	-5.00	/	<=50	Pass	
		25	0	21.2	-5.00	/	<=50	Pass	
		819	1	0	22.2	-5.00	/	<=50	Pass
				13	22.36	-5.00	/	<=50	Pass
	24			22.27	-5.00	/	<=50	Pass	
	12		0	21.15	-5.00	/	<=50	Pass	
			6	21.29	-5.00	/	<=50	Pass	
			13	21.22	-5.00	/	<=50	Pass	
	25		0	21.22	-5.00	/	<=50	Pass	
	821.5		1	0	22.31	-5.00	/	<=50	Pass
				13	22.35	-5.00	/	<=50	Pass
		24		22.23	-5.00	/	<=50	Pass	
		12	0	21.13	-5.00	/	<=50	Pass	
			6	21.27	-5.00	/	<=50	Pass	
			13	21.21	-5.00	/	<=50	Pass	
		25	0	21.2	-5.00	/	<=50	Pass	

Note1: ERP=Conducted Power+Antenna Gain-2.15



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South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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1.4 B26a_10MHz_ERP

1.4.1 Test Result

Band: 26a / Bandwidth: 10MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	819	1	0	24.26	-5.00	/	<=50	Pass		
			25	24.14	-5.00	/	<=50	Pass		
			49	24.06	-5.00	/	<=50	Pass		
		25	0	23.1	-5.00	/	<=50	Pass		
			13	23.2	-5.00	/	<=50	Pass		
			25	23.14	-5.00	/	<=50	Pass		
		50	0	23.17	-5.00	/	<=50	Pass		
		16QAM	819	1	0	23.31	-5.00	/	<=50	Pass
					25	23.29	-5.00	/	<=50	Pass
49	23.19				-5.00	/	<=50	Pass		
25	0			22.15	-5.00	/	<=50	Pass		
	13			22.22	-5.00	/	<=50	Pass		
	25			22.18	-5.00	/	<=50	Pass		
50	0			22.18	-5.00	/	<=50	Pass		
64QAM	819			1	0	22.3	-5.00	/	<=50	Pass
					25	22.28	-5.00	/	<=50	Pass
		49	22.28		-5.00	/	<=50	Pass		
		25	0	21.15	-5.00	/	<=50	Pass		
			13	21.23	-5.00	/	<=50	Pass		
			25	21.2	-5.00	/	<=50	Pass		
		50	0	21.2	-5.00	/	<=50	Pass		

Note 1: ERP=Conducted Power+Antenna Gain-2.15



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2. Frequency Stability

2.1 B26a_1.4MHz

2.1.1 Test Result

Band: 26a / 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	814.7	6	0	20	3.5	-9.880	-0.0121	/	Pass
					3.91	-4.899	-0.0060	/	Pass
					4.35	-0.858	-0.0011	/	Pass
				-30	3.91	0.557	0.0007	/	Pass
				-20	3.91	-1.311	-0.0016	/	Pass
				-10	3.91	0.365	0.0004	/	Pass
				0	3.91	1.841	0.0023	/	Pass
				10	3.91	0.131	0.0002	/	Pass
				30	3.91	0.535	0.0007	/	Pass
				40	3.91	1.280	0.0016	/	Pass
	50	3.91	1.486	0.0018	/	Pass			
	819	6	0	20	3.5	-17.259	-0.0211	/	Pass
					3.91	-11.968	-0.0146	/	Pass
					4.35	-6.864	-0.0084	/	Pass
				-30	3.91	-4.520	-0.0055	/	Pass
				-20	3.91	-1.429	-0.0017	/	Pass
				-10	3.91	-0.819	-0.0010	/	Pass
				0	3.91	-1.558	-0.0019	/	Pass
				10	3.91	-1.110	-0.0014	/	Pass
				30	3.91	0.157	0.0002	/	Pass
				40	3.91	-0.171	-0.0002	/	Pass
	50	3.91	1.320	0.0016	/	Pass			
	823.3	6	0	20	3.5	14.119	0.0171	/	Pass
					3.91	13.158	0.0160	/	Pass
					4.35	8.810	0.0107	/	Pass
				-30	3.91	5.811	0.0071	/	Pass
				-20	3.91	4.964	0.0060	/	Pass
				-10	3.91	3.270	0.0040	/	Pass
				0	3.91	1.613	0.0020	/	Pass
				10	3.91	0.939	0.0011	/	Pass
30				3.91	1.686	0.0020	/	Pass	
40				3.91	0.782	0.0009	/	Pass	
50	3.91	1.912	0.0023	/	Pass				
16QAM	814.7	6	0	20	3.5	-20.152	-0.0247	/	Pass
					3.91	-13.586	-0.0167	/	Pass



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				4.35	-7.802	-0.0096	/	Pass	
				-30	3.91	-4.562	-0.0056	/	Pass
				-20	3.91	-1.631	-0.0020	/	Pass
				-10	3.91	-1.115	-0.0014	/	Pass
				0	3.91	0.401	0.0005	/	Pass
				10	3.91	1.279	0.0016	/	Pass
				30	3.91	-0.147	-0.0002	/	Pass
				40	3.91	1.011	0.0012	/	Pass
				50	3.91	0.297	0.0004	/	Pass
	819	6	0	20	3.5	-9.070	-0.0111	/	Pass
					3.91	-11.422	-0.0139	/	Pass
					4.35	-17.412	-0.0213	/	Pass
				-30	3.91	-18.589	-0.0227	/	Pass
				-20	3.91	-16.132	-0.0197	/	Pass
				-10	3.91	-8.546	-0.0104	/	Pass
				0	3.91	-3.181	-0.0039	/	Pass
				10	3.91	-1.508	-0.0018	/	Pass
				30	3.91	-0.273	-0.0003	/	Pass
823.3	6	0	20	3.5	14.358	0.0174	/	Pass	
				3.91	12.581	0.0153	/	Pass	
				4.35	8.957	0.0109	/	Pass	
			-30	3.91	5.972	0.0073	/	Pass	
			-20	3.91	5.696	0.0069	/	Pass	
			-10	3.91	3.404	0.0041	/	Pass	
			0	3.91	2.782	0.0034	/	Pass	
			10	3.91	3.068	0.0037	/	Pass	
			30	3.91	1.588	0.0019	/	Pass	
	64QAM	6	0	20	3.5	-19.624	-0.0241	/	Pass
					3.91	-13.408	-0.0165	/	Pass
					4.35	-8.077	-0.0099	/	Pass
				-30	3.91	-3.048	-0.0037	/	Pass
				-20	3.91	-2.158	-0.0026	/	Pass
				-10	3.91	-0.818	-0.0010	/	Pass
				0	3.91	-0.439	-0.0005	/	Pass
				10	3.91	-0.417	-0.0005	/	Pass
				30	3.91	1.558	0.0019	/	Pass
819	6	0	20	3.5	2.907	0.0035	/	Pass	
				3.91	4.785	0.0058	/	Pass	
				4.35	2.590	0.0032	/	Pass	
			-30	3.91	2.597	0.0032	/	Pass	
			-20	3.91	2.827	0.0035	/	Pass	
			-10	3.91	2.058	0.0025	/	Pass	



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823.3	6	0	0	3.91	2.273	0.0028	/	Pass
			10	3.91	1.371	0.0017	/	Pass
			30	3.91	-0.169	-0.0002	/	Pass
			40	3.91	1.040	0.0013	/	Pass
			50	3.91	1.674	0.0020	/	Pass
	0	20	3.5	14.009	0.0170	/	Pass	
			3.91	13.535	0.0164	/	Pass	
			4.35	10.207	0.0124	/	Pass	
		-30	3.91	7.877	0.0096	/	Pass	
		-20	3.91	6.318	0.0077	/	Pass	
		-10	3.91	4.591	0.0056	/	Pass	
		0	3.91	3.060	0.0037	/	Pass	
		10	3.91	1.338	0.0016	/	Pass	
		30	3.91	0.216	0.0003	/	Pass	
		40	3.91	1.191	0.0014	/	Pass	
		50	3.91	0.011	0.0000	/	Pass	



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2.2 B26a_3MHz

2.2.1 Test Result

Band: 26a / Bandwidth: 3MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	815.5	15	0	20	3.5	-0.494	-0.0006	/	Pass	
					3.91	-0.276	-0.0003	/	Pass	
					4.35	0.293	0.0004	/	Pass	
				-30	3.91	0.246	0.0003	/	Pass	
					-20	3.91	-0.206	-0.0003	/	Pass
						-10	3.91	-0.410	-0.0005	/
				0	3.91	0.792	0.0010	/	Pass	
				10	3.91	1.065	0.0013	/	Pass	
				30	3.91	0.493	0.0006	/	Pass	
				40	3.91	0.922	0.0011	/	Pass	
	50	3.91	0.431	0.0005	/	Pass				
	819	15	0	20	3.5	2.076	0.0025	/	Pass	
					3.91	-0.069	-0.0001	/	Pass	
					4.35	1.552	0.0019	/	Pass	
				-30	3.91	1.668	0.0020	/	Pass	
					-20	3.91	0.552	0.0007	/	Pass
						-10	3.91	0.484	0.0006	/
				0	3.91	0.306	0.0004	/	Pass	
				10	3.91	0.614	0.0007	/	Pass	
				30	3.91	0.688	0.0008	/	Pass	
				40	3.91	0.611	0.0007	/	Pass	
	50	3.91	2.450	0.0030	/	Pass				
	822.5	15	0	20	3.5	0.094	0.0001	/	Pass	
					3.91	0.708	0.0009	/	Pass	
					4.35	1.210	0.0015	/	Pass	
				-30	3.91	0.999	0.0012	/	Pass	
					-20	3.91	1.641	0.0020	/	Pass
						-10	3.91	1.318	0.0016	/
				0	3.91	0.097	0.0001	/	Pass	
				10	3.91	-0.052	-0.0001	/	Pass	
30				3.91	-0.946	-0.0012	/	Pass		
40				3.91	0.302	0.0004	/	Pass		
50	3.91	0.513	0.0006	/	Pass					
16QAM	815.5	15	0	20	3.5	0.783	0.0010	/	Pass	
					3.91	0.354	0.0004	/	Pass	
					4.35	1.316	0.0016	/	Pass	
				-30	3.91	2.388	0.0029	/	Pass	



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64QAM	819	15	0	-20	3.91	0.997	0.0012	/	Pass			
				-10	3.91	1.904	0.0023	/	Pass			
				0	3.91	0.691	0.0008	/	Pass			
				10	3.91	0.848	0.0010	/	Pass			
				30	3.91	-0.219	-0.0003	/	Pass			
				40	3.91	-1.096	-0.0013	/	Pass			
				50	3.91	0.244	0.0003	/	Pass			
	822.5	15	0	20	3.5	0.947	0.0012	/	Pass			
					3.91	1.356	0.0017	/	Pass			
					4.35	1.205	0.0015	/	Pass			
				-30	3.91	0.506	0.0006	/	Pass			
				-20	3.91	-0.072	-0.0001	/	Pass			
				-10	3.91	-0.064	-0.0001	/	Pass			
				0	3.91	0.920	0.0011	/	Pass			
				10	3.91	1.412	0.0017	/	Pass			
				30	3.91	1.795	0.0022	/	Pass			
				40	3.91	0.510	0.0006	/	Pass			
				50	3.91	1.995	0.0024	/	Pass			
				815.5	15	0	20	3.5	0.996	0.0012	/	Pass
								3.91	1.600	0.0019	/	Pass
								4.35	1.997	0.0024	/	Pass
-30	3.91	1.984	0.0024				/	Pass				
-20	3.91	1.185	0.0014				/	Pass				
-10	3.91	1.133	0.0014				/	Pass				
0	3.91	0.308	0.0004				/	Pass				
10	3.91	1.075	0.0013				/	Pass				
30	3.91	2.332	0.0028				/	Pass				
40	3.91	1.353	0.0016				/	Pass				
50	3.91	1.765	0.0021				/	Pass				
819	15	0	20				3.5	0.475	0.0006	/	Pass	
							3.91	-0.335	-0.0004	/	Pass	
							4.35	-0.360	-0.0004	/	Pass	
			-30	3.91	-0.085	-0.0001	/	Pass				
			-20	3.91	0.690	0.0008	/	Pass				
			-10	3.91	0.411	0.0005	/	Pass				
			0	3.91	-0.247	-0.0003	/	Pass				
			10	3.91	-0.329	-0.0004	/	Pass				
			30	3.91	-0.776	-0.0010	/	Pass				
			40	3.91	0.151	0.0002	/	Pass				
			50	3.91	-1.698	-0.0021	/	Pass				
			819	15	0	20	3.5	1.240	0.0015	/	Pass	
							3.91	-0.096	-0.0001	/	Pass	
							4.35	-0.355	-0.0004	/	Pass	
-30	3.91	-1.323				-0.0016	/	Pass				
-20	3.91	0.515				0.0006	/	Pass				
-10	3.91	1.127				0.0014	/	Pass				
0	3.91	-0.640				-0.0008	/	Pass				
10	3.91	-0.157	-0.0002	/	Pass							



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822.5	15	0	30	3.91	0.089	0.0001	/	Pass
			40	3.91	-0.350	-0.0004	/	Pass
			50	3.91	1.146	0.0014	/	Pass
			20	3.5	1.740	0.0021	/	Pass
				3.91	2.596	0.0032	/	Pass
				4.35	1.715	0.0021	/	Pass
			-30	3.91	0.467	0.0006	/	Pass
			-20	3.91	0.167	0.0002	/	Pass
			-10	3.91	0.926	0.0011	/	Pass
			0	3.91	0.207	0.0003	/	Pass
			10	3.91	-0.038	0.0000	/	Pass
			30	3.91	1.104	0.0013	/	Pass
			40	3.91	0.793	0.0010	/	Pass
			50	3.91	0.717	0.0009	/	Pass



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2.3 B26a_5MHz

2.3.1 Test Result

Band: 26a / Bandwidth: 5MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	816.5	25	0	20	3.5	-1.935	-0.0024	/	Pass	
					3.91	-0.720	-0.0009	/	Pass	
					4.35	0.143	0.0002	/	Pass	
				-30	3.91	-0.831	-0.0010	/	Pass	
					-20	3.91	0.902	0.0011	/	Pass
						-10	3.91	-1.152	-0.0014	/
				0	3.91	-0.864	-0.0011	/	Pass	
				10	3.91	-0.228	-0.0003	/	Pass	
				30	3.91	1.025	0.0013	/	Pass	
				40	3.91	0.474	0.0006	/	Pass	
	50	3.91	0.301	0.0004	/	Pass				
	819	25	0	20	3.5	2.062	0.0025	/	Pass	
					3.91	1.294	0.0016	/	Pass	
					4.35	1.743	0.0021	/	Pass	
				-30	3.91	0.690	0.0008	/	Pass	
					-20	3.91	0.661	0.0008	/	Pass
						-10	3.91	1.756	0.0021	/
				0	3.91	1.040	0.0013	/	Pass	
				10	3.91	0.671	0.0008	/	Pass	
				30	3.91	1.970	0.0024	/	Pass	
				40	3.91	1.380	0.0017	/	Pass	
	50	3.91	0.988	0.0012	/	Pass				
	821.5	25	0	20	3.5	0.459	0.0006	/	Pass	
					3.91	0.997	0.0012	/	Pass	
					4.35	1.670	0.0020	/	Pass	
				-30	3.91	0.991	0.0012	/	Pass	
					-20	3.91	0.749	0.0009	/	Pass
						-10	3.91	0.989	0.0012	/
				0	3.91	0.198	0.0002	/	Pass	
				10	3.91	2.437	0.0030	/	Pass	
30				3.91	0.394	0.0005	/	Pass		
40				3.91	1.603	0.0020	/	Pass		
50	3.91	1.656	0.0020	/	Pass					
16QAM	816.5	25	0	20	3.5	1.437	0.0018	/	Pass	
					3.91	1.966	0.0024	/	Pass	
					4.35	1.305	0.0016	/	Pass	
				-30	3.91	3.126	0.0038	/	Pass	



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64QAM	819	25	0	-20	3.91	2.578	0.0032	/	Pass			
				-10	3.91	2.621	0.0032	/	Pass			
				0	3.91	2.951	0.0036	/	Pass			
				10	3.91	2.961	0.0036	/	Pass			
				30	3.91	2.205	0.0027	/	Pass			
				40	3.91	2.540	0.0031	/	Pass			
				50	3.91	3.349	0.0041	/	Pass			
	821.5	25	0	20	3.5	0.663	0.0008	/	Pass			
					3.91	0.612	0.0007	/	Pass			
					4.35	2.419	0.0030	/	Pass			
				-30	3.91	2.185	0.0027	/	Pass			
				-20	3.91	1.920	0.0023	/	Pass			
				-10	3.91	0.987	0.0012	/	Pass			
				0	3.91	1.797	0.0022	/	Pass			
				10	3.91	0.516	0.0006	/	Pass			
				30	3.91	0.598	0.0007	/	Pass			
				40	3.91	1.318	0.0016	/	Pass			
				50	3.91	2.132	0.0026	/	Pass			
				816.5	25	0	20	3.5	0.792	0.0010	/	Pass
								3.91	1.293	0.0016	/	Pass
	4.35	-0.410	-0.0005					/	Pass			
	-30	3.91	1.349				0.0016	/	Pass			
	-20	3.91	2.343				0.0029	/	Pass			
	-10	3.91	0.997				0.0012	/	Pass			
	0	3.91	2.004				0.0024	/	Pass			
	10	3.91	2.035				0.0025	/	Pass			
	30	3.91	0.698				0.0008	/	Pass			
	40	3.91	1.637				0.0020	/	Pass			
	50	3.91	0.832				0.0010	/	Pass			
	819	25	0				20	3.5	1.572	0.0019	/	Pass
3.91								1.437	0.0018	/	Pass	
4.35				0.916	0.0011	/		Pass				
-30				3.91	1.138	0.0014	/	Pass				
-20				3.91	2.569	0.0031	/	Pass				
-10				3.91	2.218	0.0027	/	Pass				
0				3.91	0.685	0.0008	/	Pass				
10				3.91	0.577	0.0007	/	Pass				
30				3.91	2.328	0.0029	/	Pass				
40				3.91	1.826	0.0022	/	Pass				
50				3.91	1.260	0.0015	/	Pass				
819				25	0	20	3.5	0.431	0.0005	/	Pass	
							3.91	0.454	0.0006	/	Pass	
	4.35	0.317	0.0004				/	Pass				
	-30	3.91	0.098			0.0001	/	Pass				
	-20	3.91	1.057			0.0013	/	Pass				
	-10	3.91	3.040			0.0037	/	Pass				
	0	3.91	2.243			0.0027	/	Pass				
10	3.91	1.885	0.0023	/	Pass							



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821.5	25	0	30	3.91	1.847	0.0023	/	Pass
			40	3.91	0.996	0.0012	/	Pass
			50	3.91	0.788	0.0010	/	Pass
			20	3.5	1.482	0.0018	/	Pass
				3.91	1.608	0.0020	/	Pass
				4.35	0.192	0.0002	/	Pass
			-30	3.91	0.767	0.0009	/	Pass
			-20	3.91	0.913	0.0011	/	Pass
			-10	3.91	1.175	0.0014	/	Pass
			0	3.91	0.737	0.0009	/	Pass
			10	3.91	0.883	0.0011	/	Pass
			30	3.91	-0.083	-0.0001	/	Pass
			40	3.91	1.397	0.0017	/	Pass
			50	3.91	2.473	0.0030	/	Pass



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2.4 B26a_10MHz

2.4.1 Test Result

Band: 26a / Bandwidth: 10MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	819	50	0	20	3.5	-0.895	-0.0011	/	Pass	
					3.91	-0.161	-0.0002	/	Pass	
					4.35	-0.796	-0.0010	/	Pass	
				-30	3.91	-0.549	-0.0007	/	Pass	
					-20	3.91	0.313	0.0004	/	Pass
					-10	3.91	0.217	0.0003	/	Pass
					0	3.91	0.740	0.0009	/	Pass
					10	3.91	1.163	0.0014	/	Pass
					30	3.91	1.747	0.0021	/	Pass
					40	3.91	0.524	0.0006	/	Pass
50	3.91	-0.077	-0.0001	/	Pass					
16QAM	819	50	0	20	3.5	-0.287	-0.0004	/	Pass	
					3.91	-0.725	-0.0009	/	Pass	
					4.35	0.088	0.0001	/	Pass	
				-30	3.91	0.476	0.0006	/	Pass	
					-20	3.91	1.048	0.0013	/	Pass
					-10	3.91	0.246	0.0003	/	Pass
					0	3.91	0.614	0.0007	/	Pass
					10	3.91	1.244	0.0015	/	Pass
					30	3.91	0.823	0.0010	/	Pass
					40	3.91	-0.017	0.0000	/	Pass
50	3.91	0.423	0.0005	/	Pass					
64QAM	819	50	0	20	3.5	0.316	0.0004	/	Pass	
					3.91	-0.029	0.0000	/	Pass	
					4.35	0.173	0.0002	/	Pass	
				-30	3.91	-1.343	-0.0016	/	Pass	
					-20	3.91	1.258	0.0015	/	Pass
					-10	3.91	-0.259	-0.0003	/	Pass
					0	3.91	0.420	0.0005	/	Pass
					10	3.91	1.104	0.0013	/	Pass
					30	3.91	0.873	0.0011	/	Pass
					40	3.91	1.162	0.0014	/	Pass
50	3.91	-0.606	-0.0007	/	Pass					



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3. 99% & 26dB Bandwidth

3.1 Band26a_OBW

3.1.1 Test Result

Band: 26a / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.124	/	Pass
		819	6	0	1.126	/	Pass
		823.3	6	0	1.120	/	Pass
	16QAM	814.7	6	0	1.125	/	Pass
		819	6	0	1.119	/	Pass
		823.3	6	0	1.124	/	Pass
	64QAM	814.7	6	0	1.122	/	Pass
		819	6	0	1.119	/	Pass
		823.3	6	0	1.117	/	Pass
3	QPSK	815.5	15	0	2.749	/	Pass
		819	15	0	2.748	/	Pass
		822.5	15	0	2.751	/	Pass
	16QAM	815.5	15	0	2.763	/	Pass
		819	15	0	2.758	/	Pass
		822.5	15	0	2.755	/	Pass
	64QAM	815.5	15	0	2.748	/	Pass
		819	15	0	2.749	/	Pass
		822.5	15	0	2.741	/	Pass
5	QPSK	816.5	25	0	4.587	/	Pass
		819	25	0	4.582	/	Pass
		821.5	25	0	4.570	/	Pass
	16QAM	816.5	25	0	4.569	/	Pass
		819	25	0	4.576	/	Pass
		821.5	25	0	4.564	/	Pass
	64QAM	816.5	25	0	4.575	/	Pass
		819	25	0	4.589	/	Pass
		821.5	25	0	4.575	/	Pass
10	QPSK	819	50	0	9.065	/	Pass
	16QAM	819	50	0	9.082	/	Pass
	64QAM	819	50	0	9.094	/	Pass

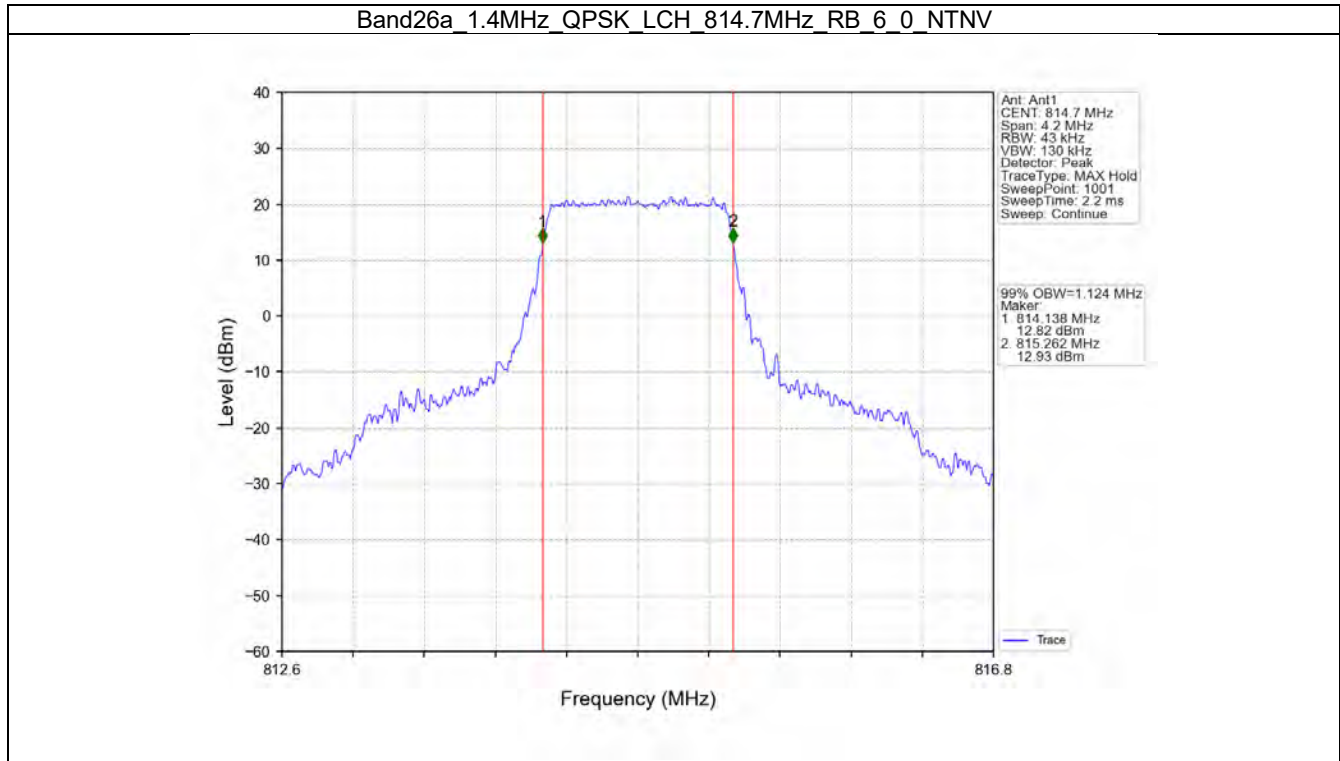


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3.1.2 Test Graph



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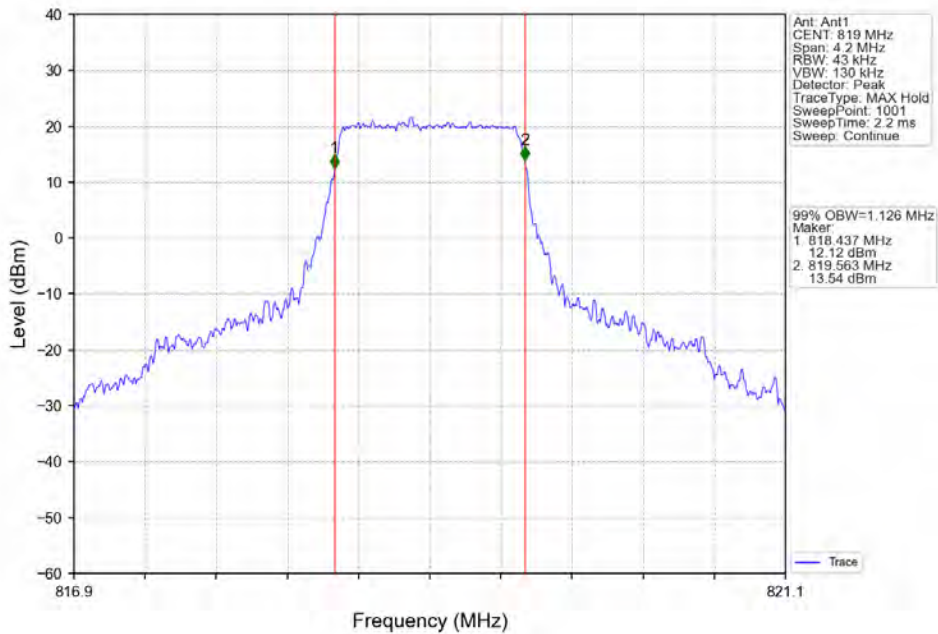
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Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV



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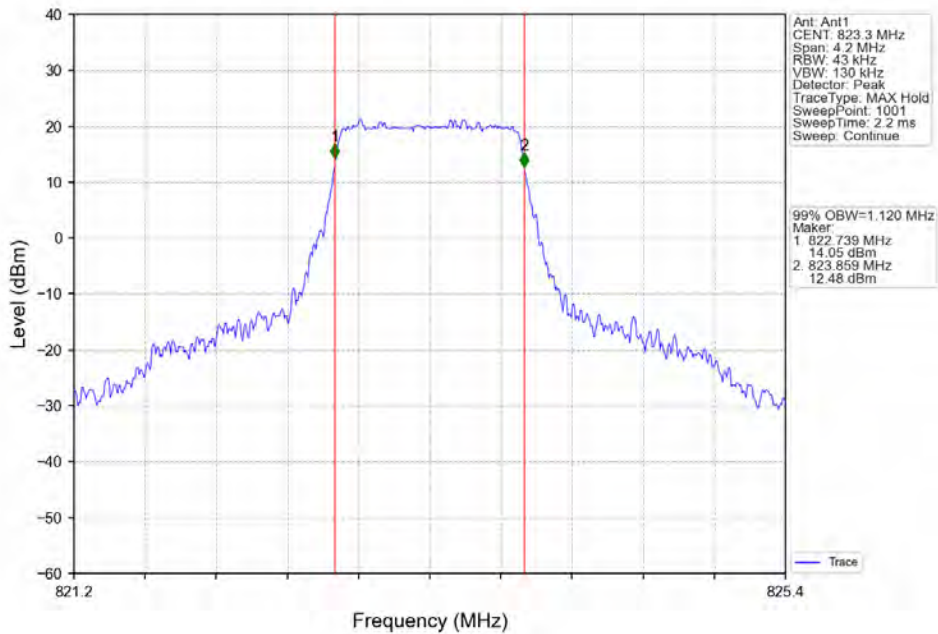
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Band26a 1.4MHz QPSK HCH 823.3MHz_RB_6_0 NTN



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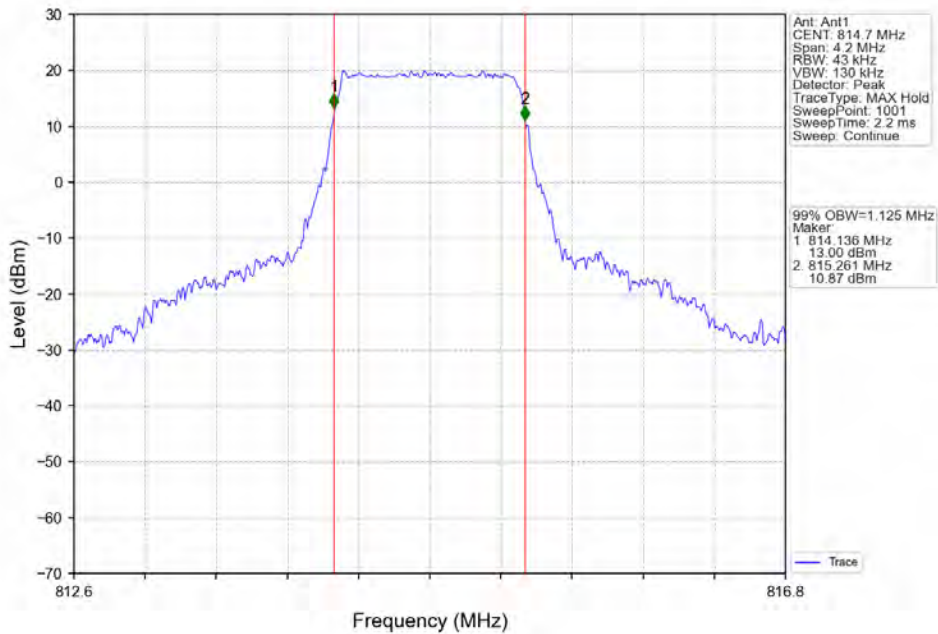
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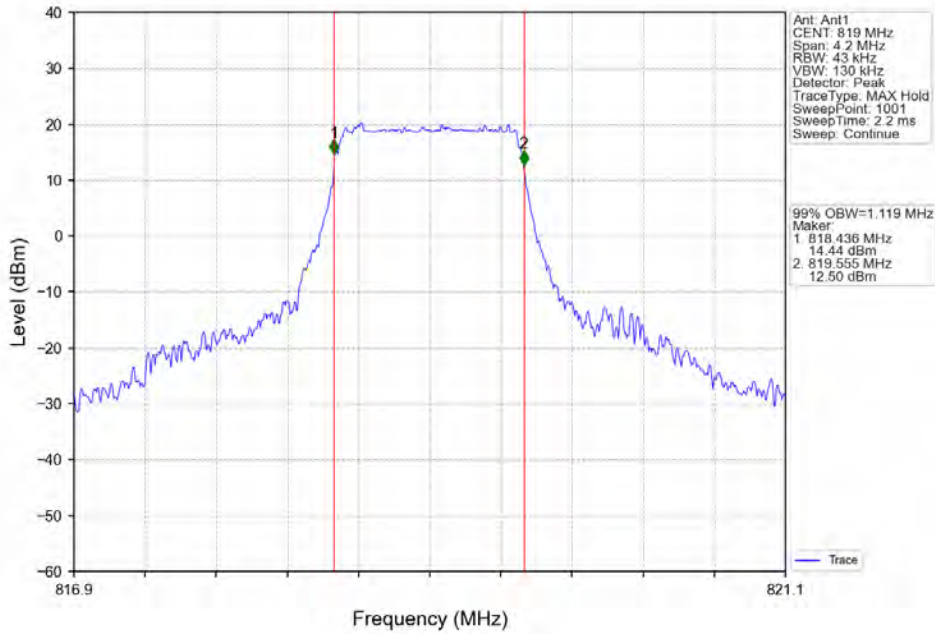
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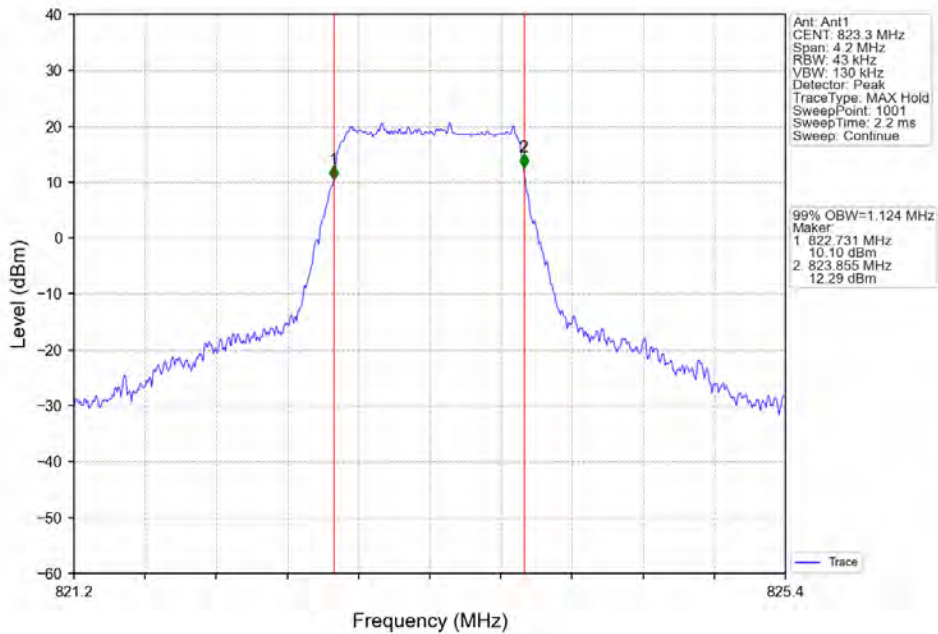
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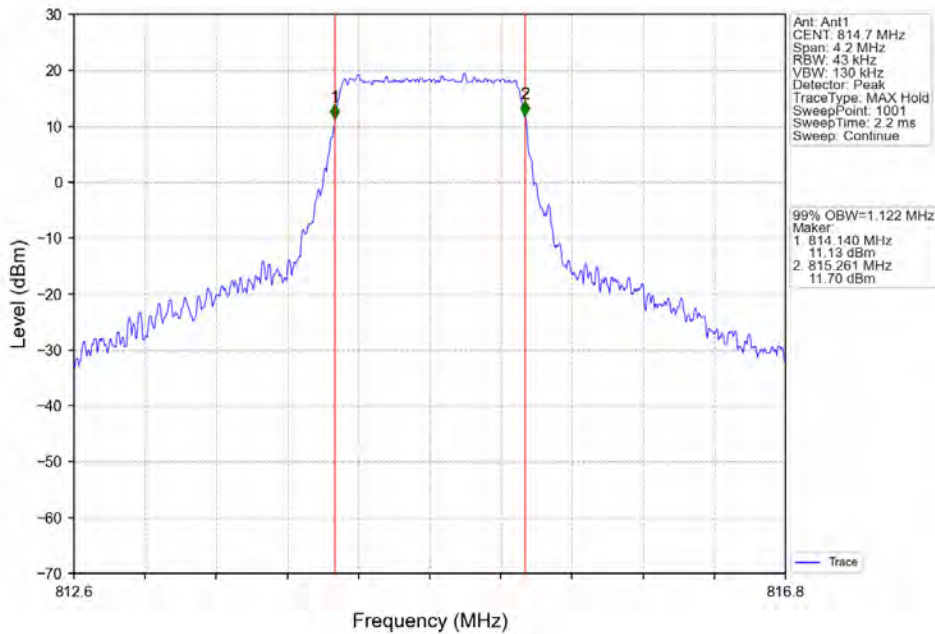
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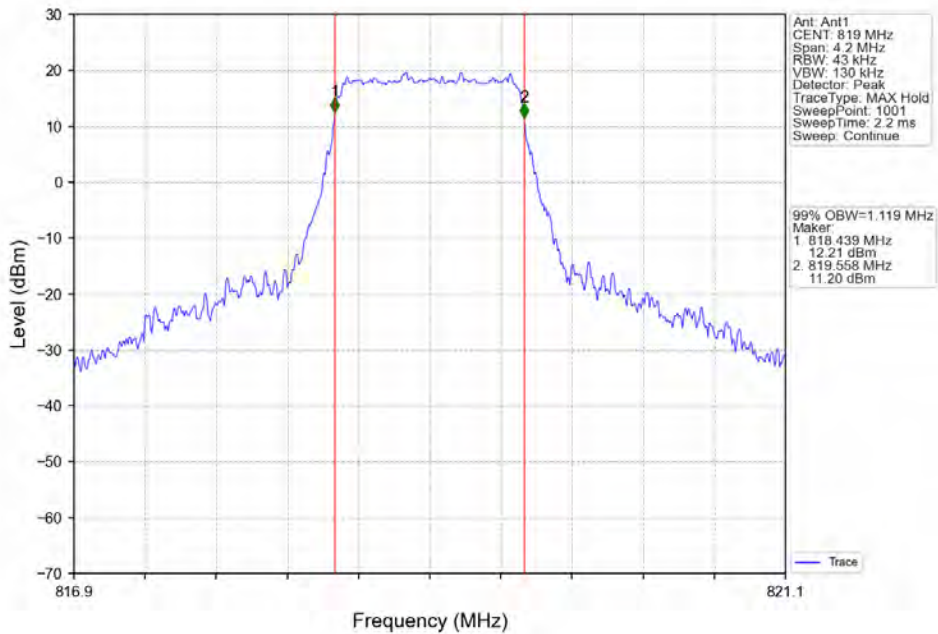
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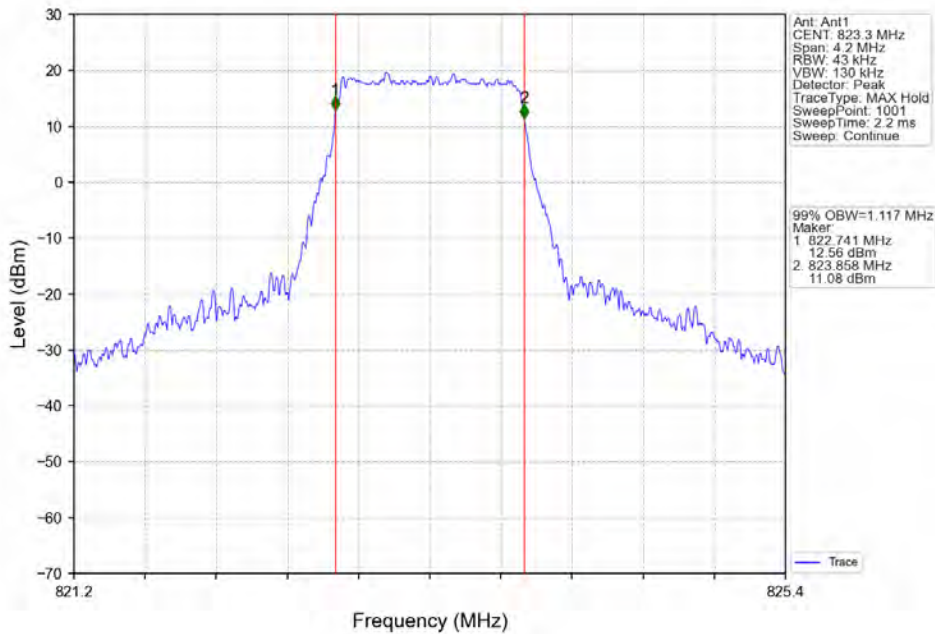
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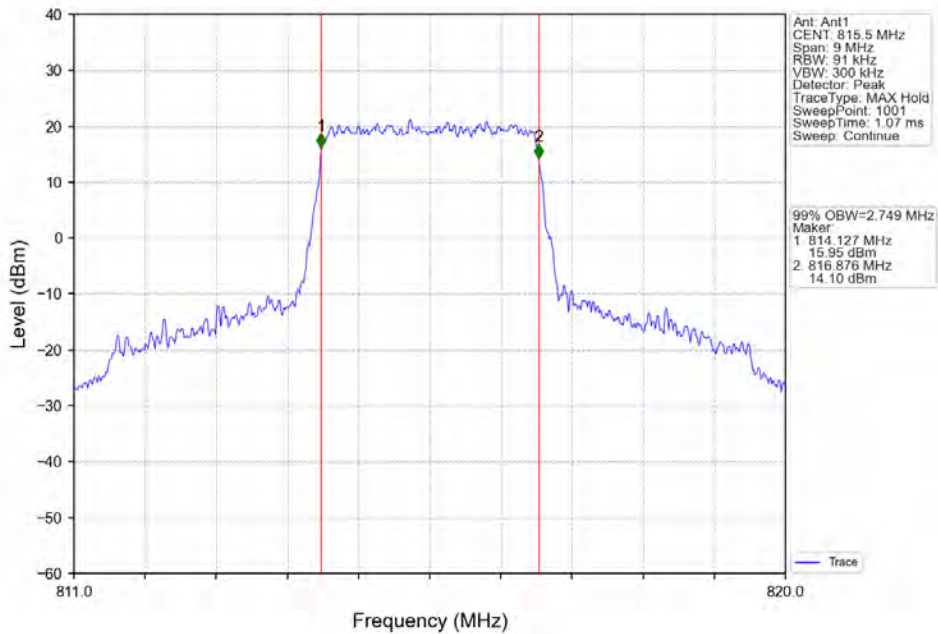
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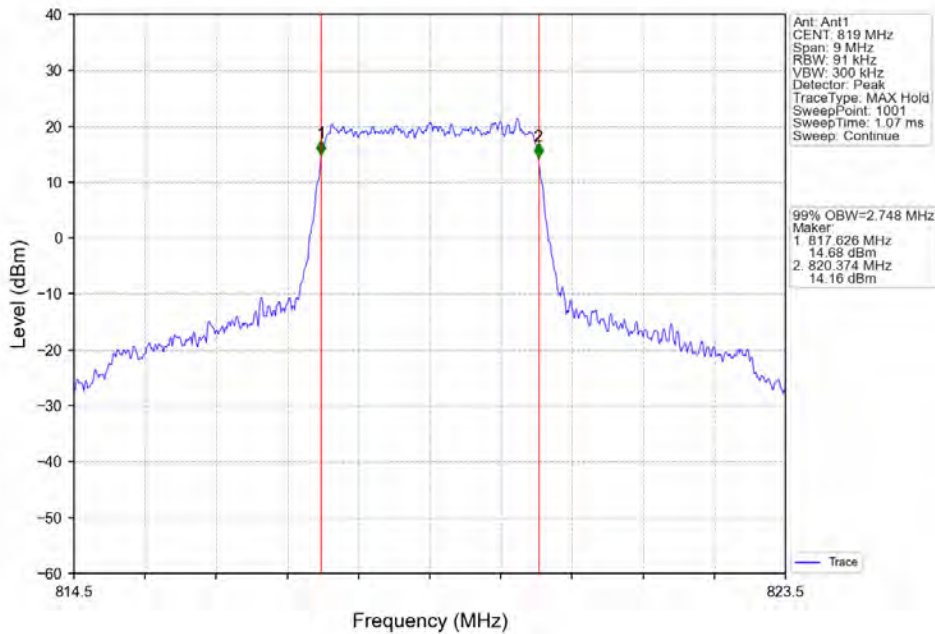
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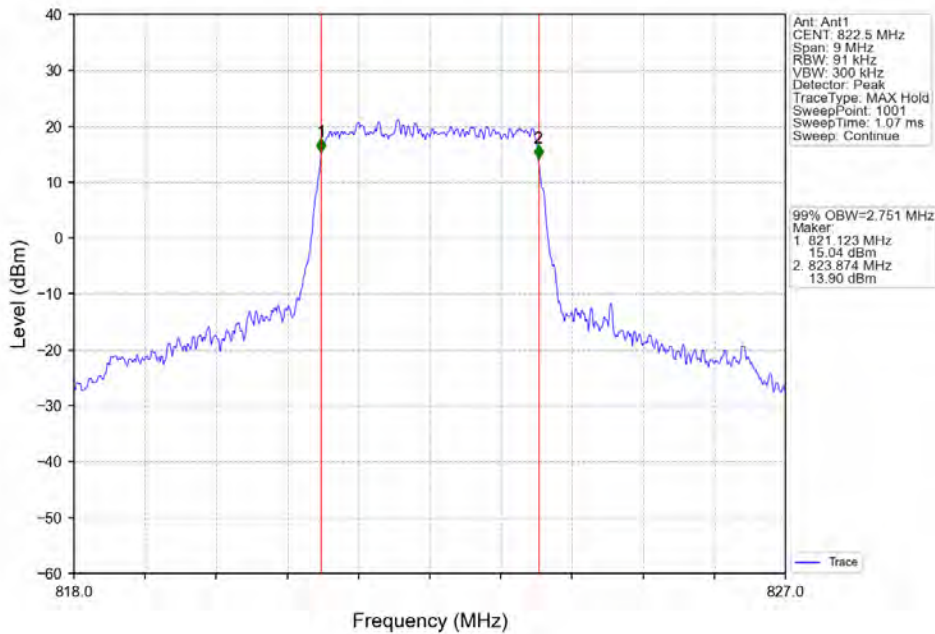
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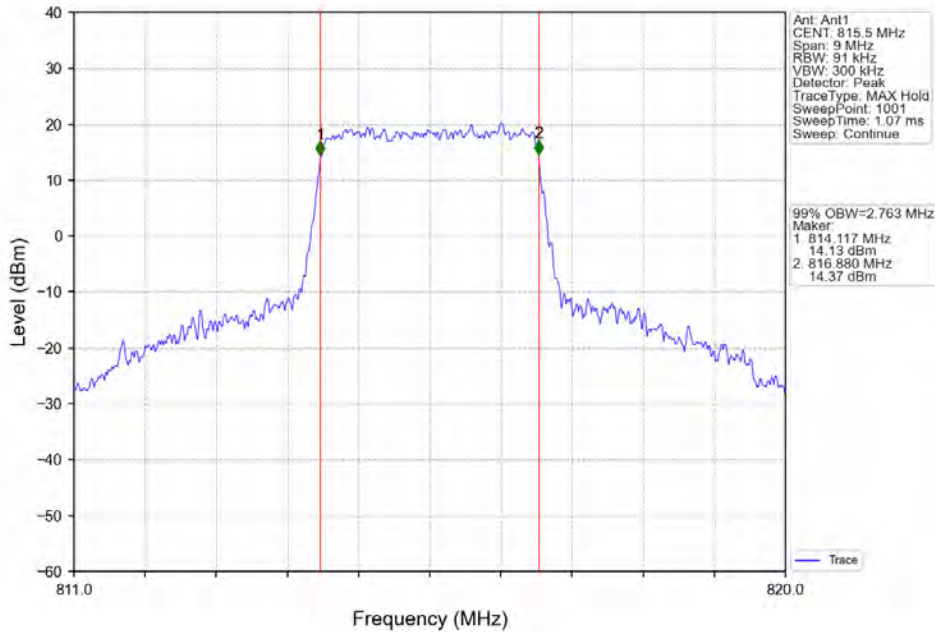
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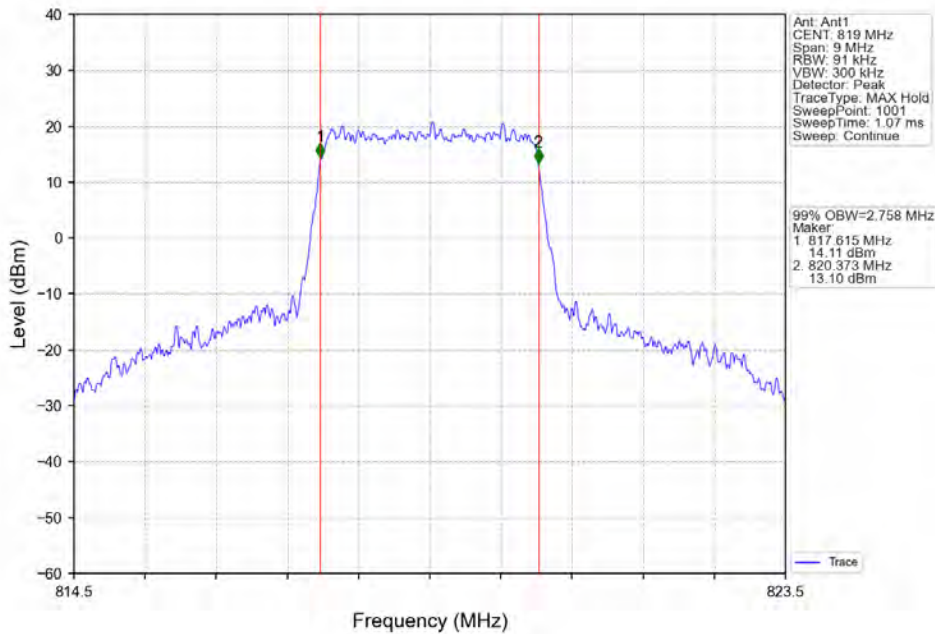
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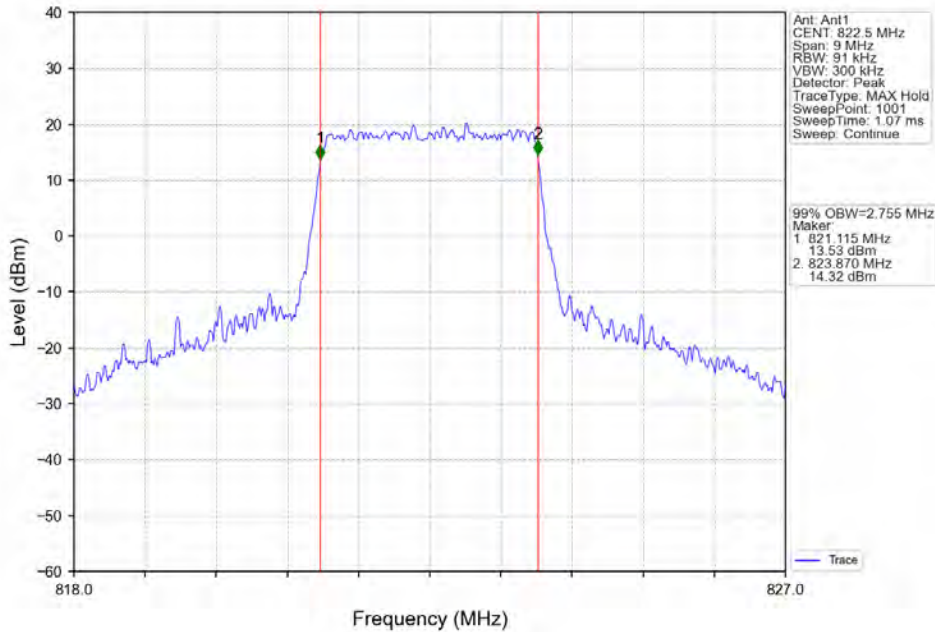
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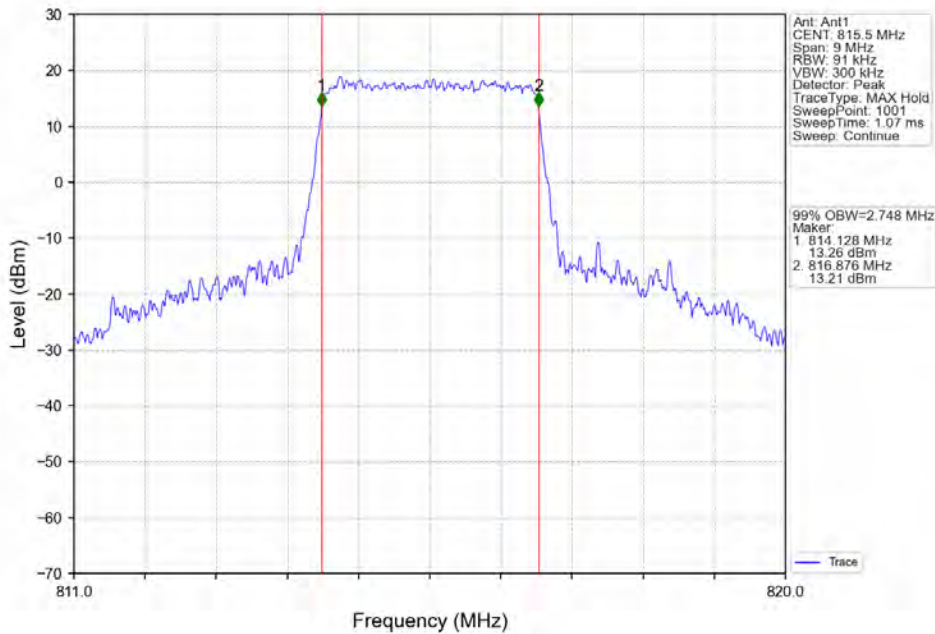
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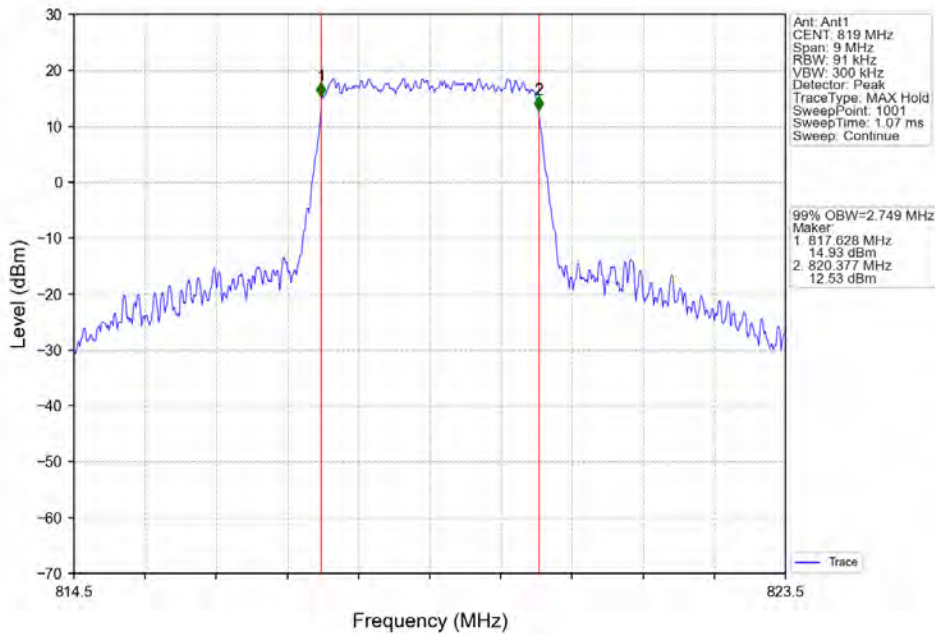
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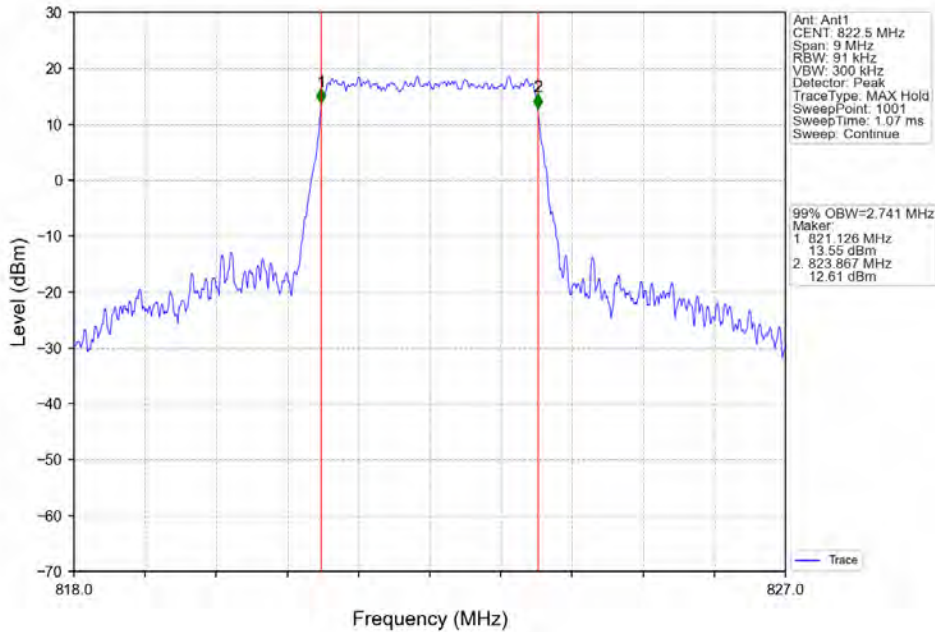
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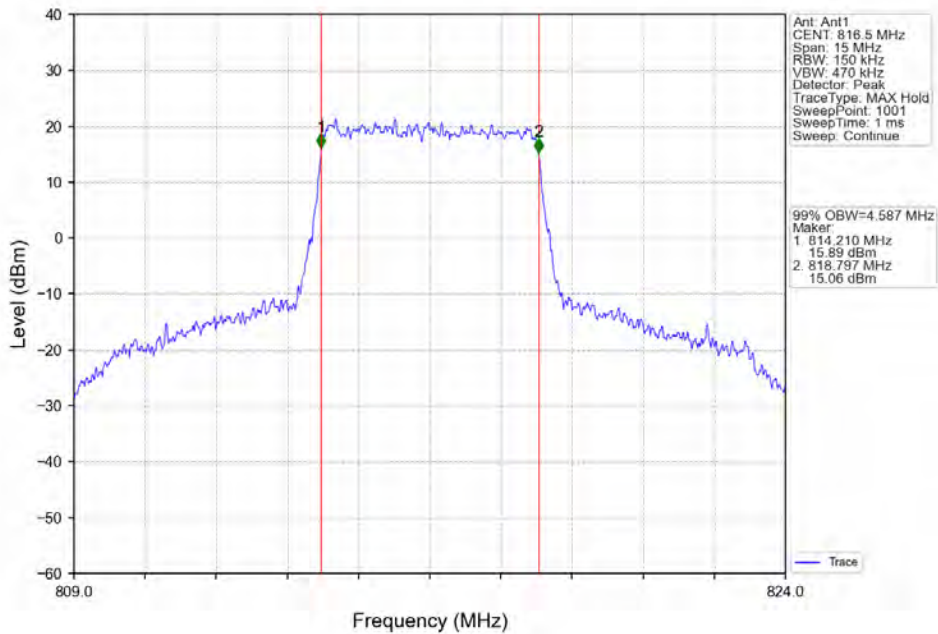
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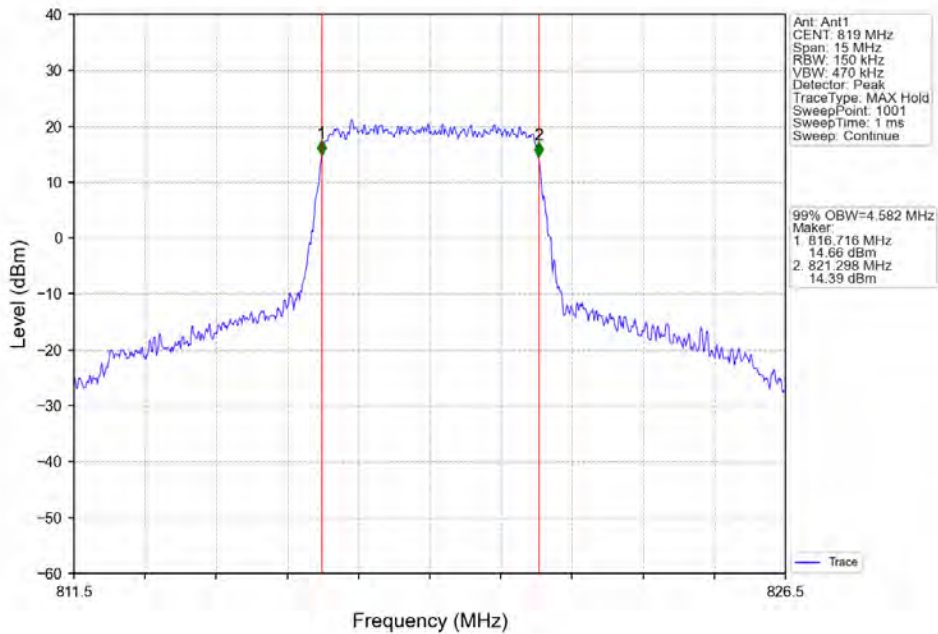
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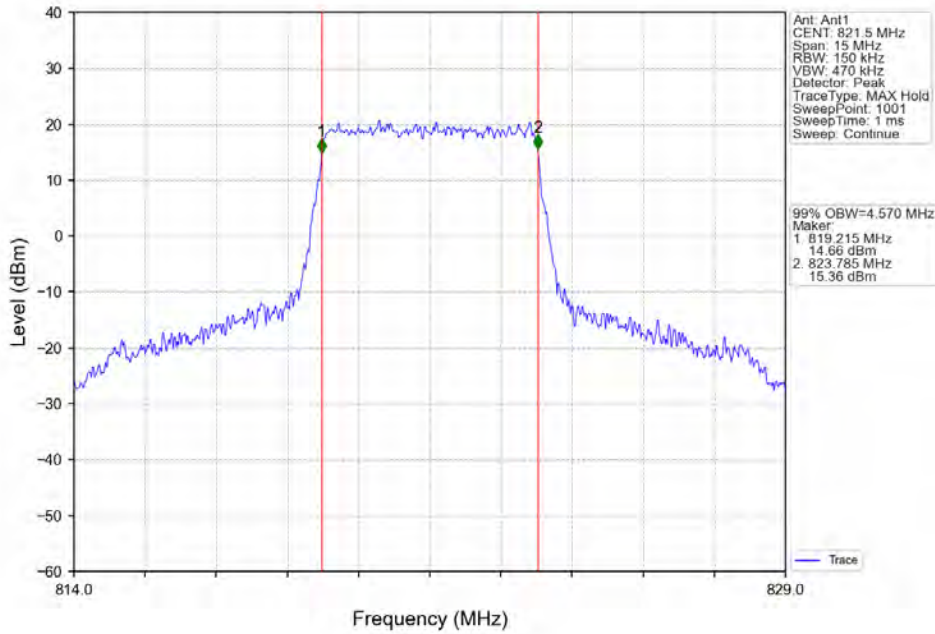
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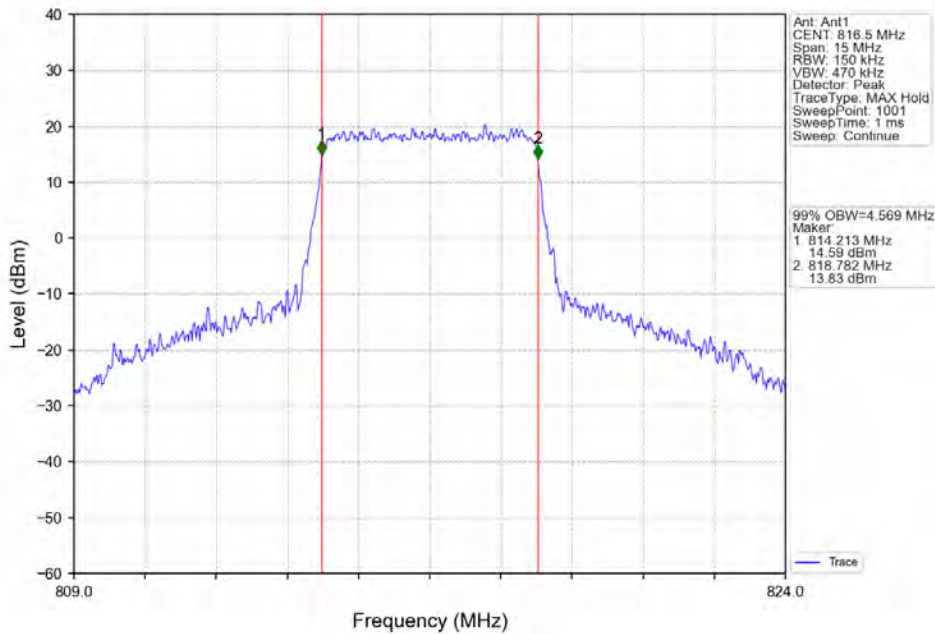
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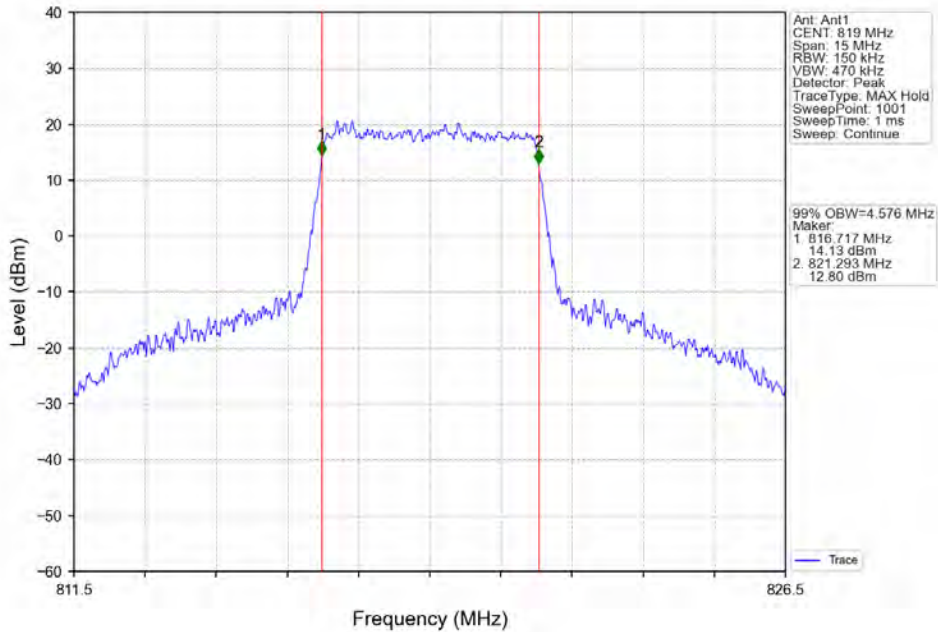
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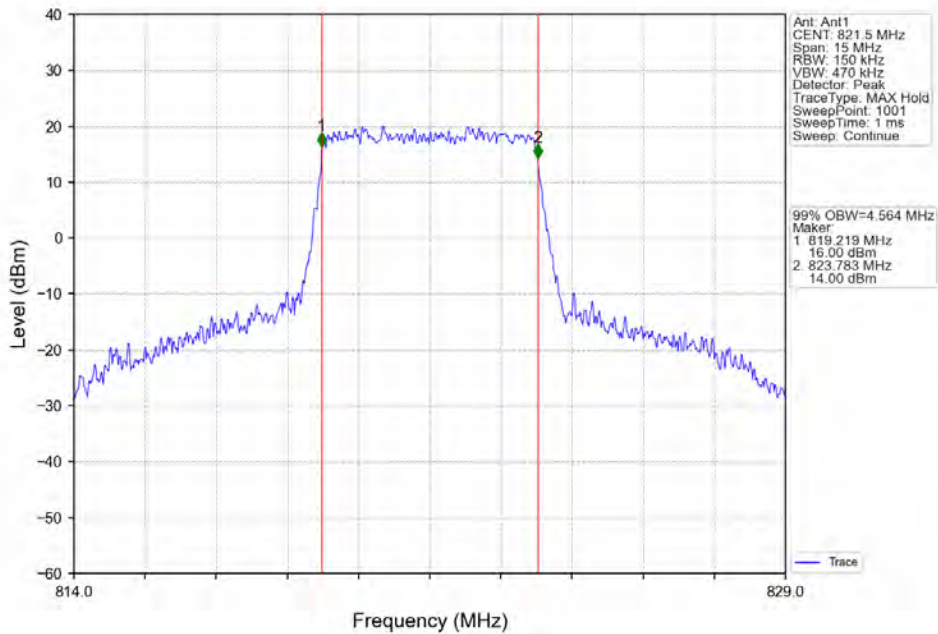
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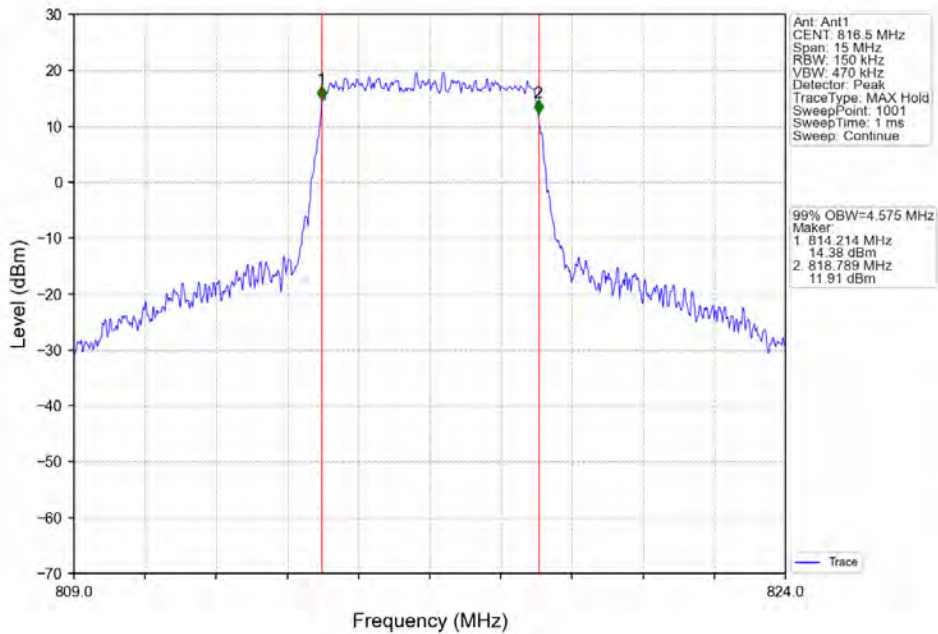
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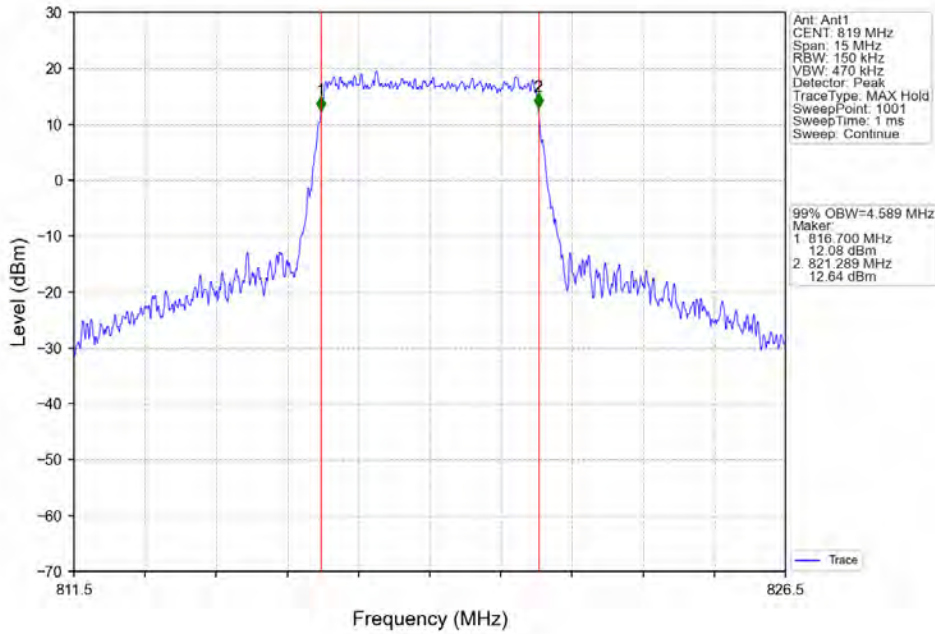
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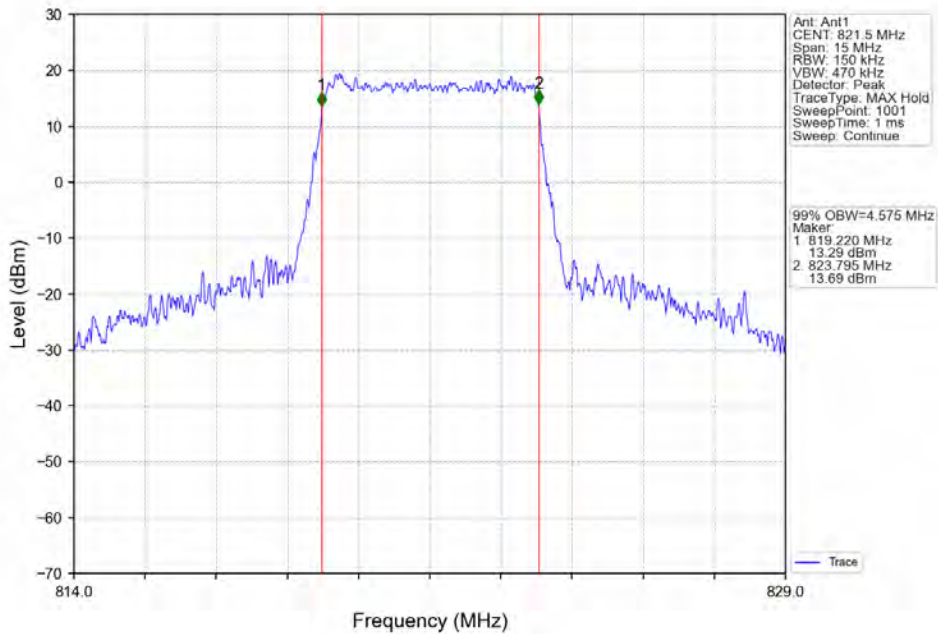
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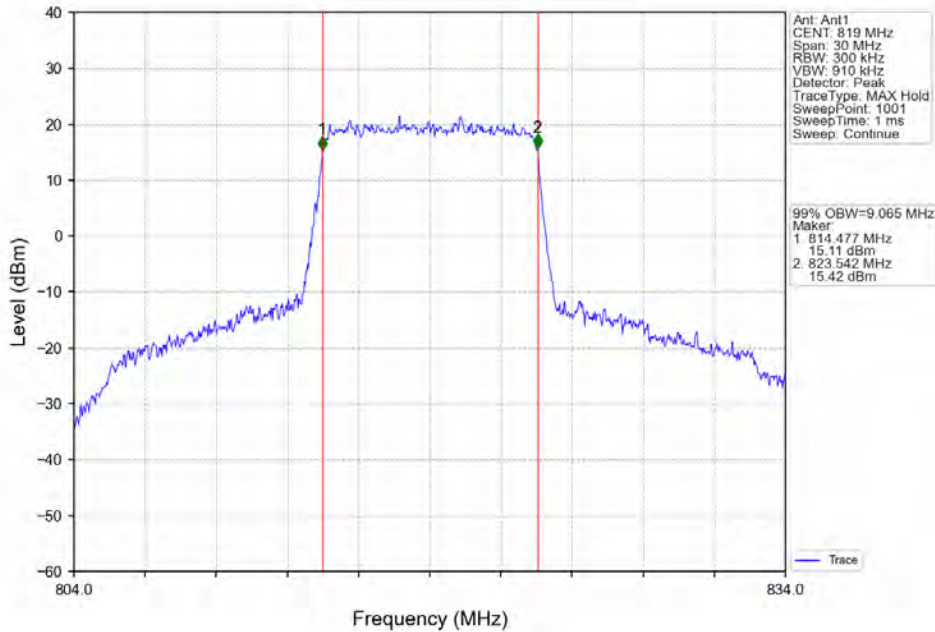
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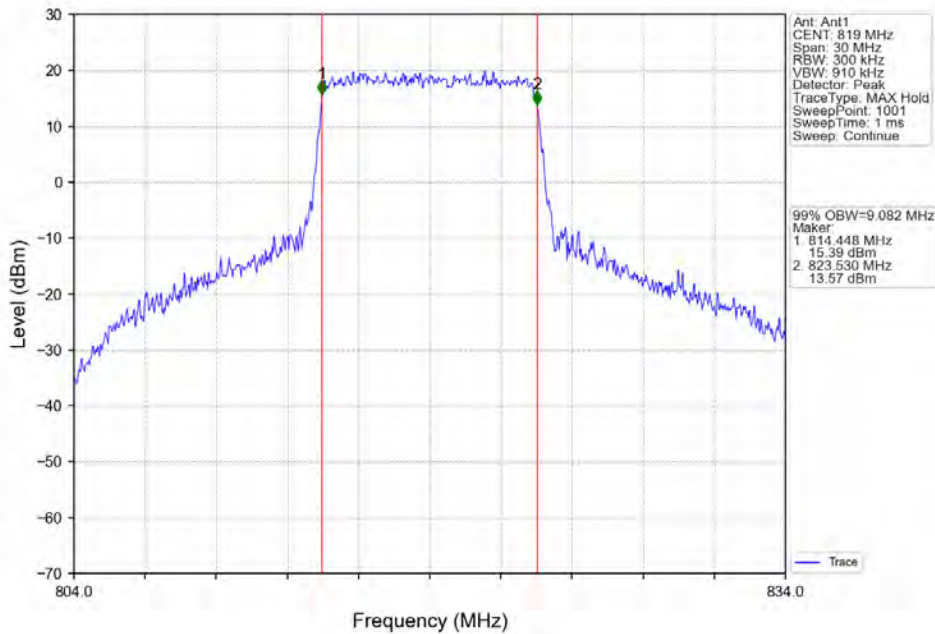
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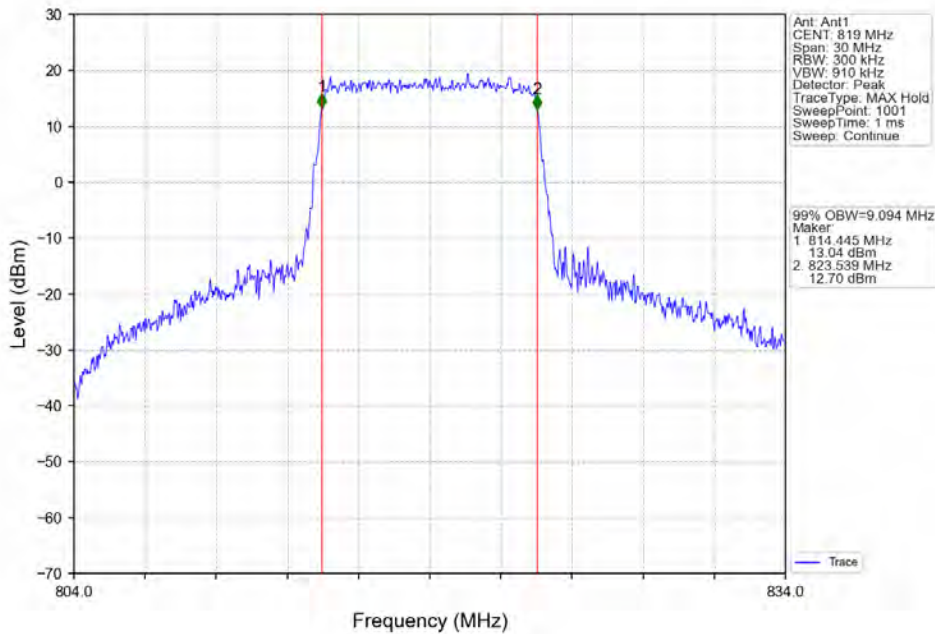
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3.2 Band26a_XDB

3.2.1 Test Result

Band: 26a / NTNv							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.425	/	Pass
		819	6	0	1.446	/	Pass
		823.3	6	0	1.407	/	Pass
	16QAM	814.7	6	0	1.421	/	Pass
		819	6	0	1.450	/	Pass
		823.3	6	0	1.401	/	Pass
	64QAM	814.7	6	0	1.399	/	Pass
		819	6	0	1.399	/	Pass
		823.3	6	0	1.416	/	Pass
3	QPSK	815.5	15	0	3.137	/	Pass
		819	15	0	3.129	/	Pass
		822.5	15	0	3.132	/	Pass
	16QAM	815.5	15	0	3.133	/	Pass
		819	15	0	3.131	/	Pass
		822.5	15	0	3.141	/	Pass
	64QAM	815.5	15	0	3.170	/	Pass
		819	15	0	3.131	/	Pass
		822.5	15	0	3.157	/	Pass
5	QPSK	816.5	25	0	5.227	/	Pass
		819	25	0	5.236	/	Pass
		821.5	25	0	5.274	/	Pass
	16QAM	816.5	25	0	5.317	/	Pass
		819	25	0	5.210	/	Pass
		821.5	25	0	5.234	/	Pass
	64QAM	816.5	25	0	5.217	/	Pass
		819	25	0	5.219	/	Pass
		821.5	25	0	5.243	/	Pass
10	QPSK	819	50	0	10.125	/	Pass
	16QAM	819	50	0	10.255	/	Pass
	64QAM	819	50	0	10.146	/	Pass



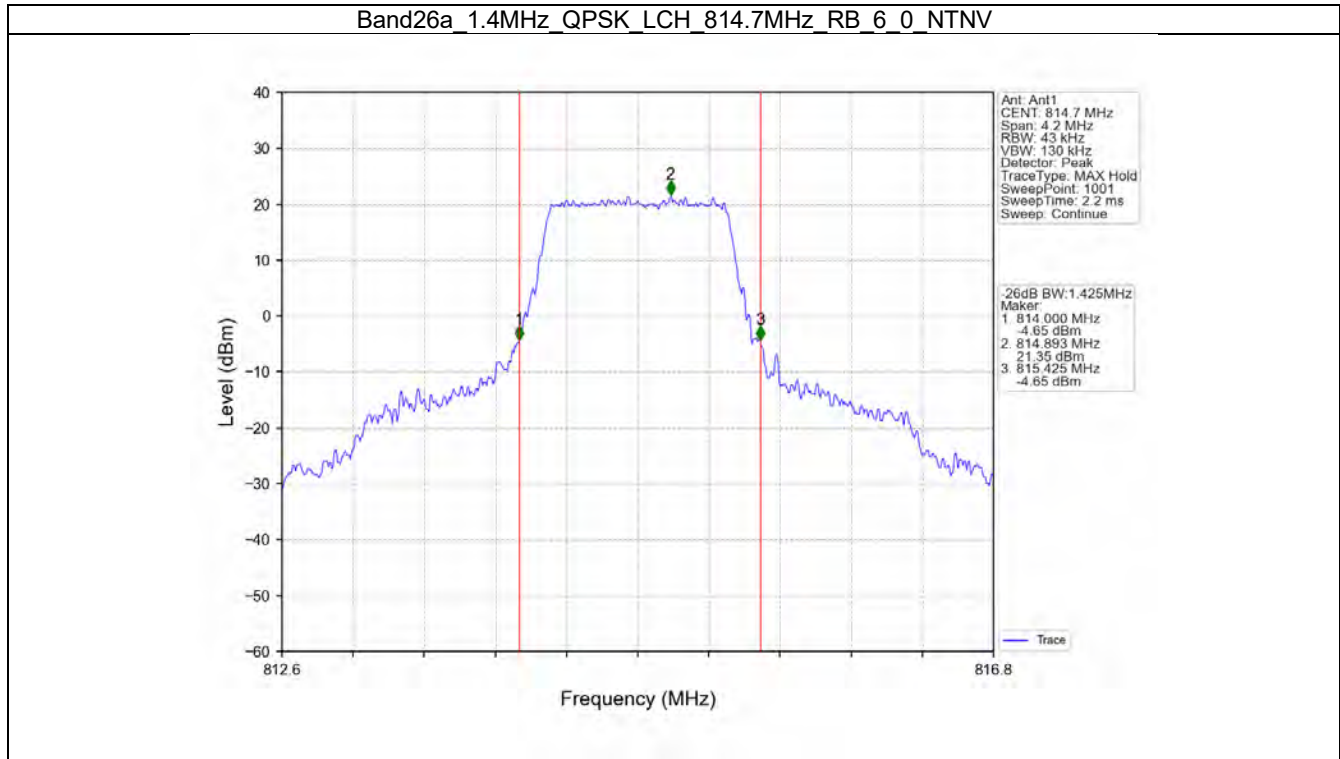
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3.2.2 Test Graph



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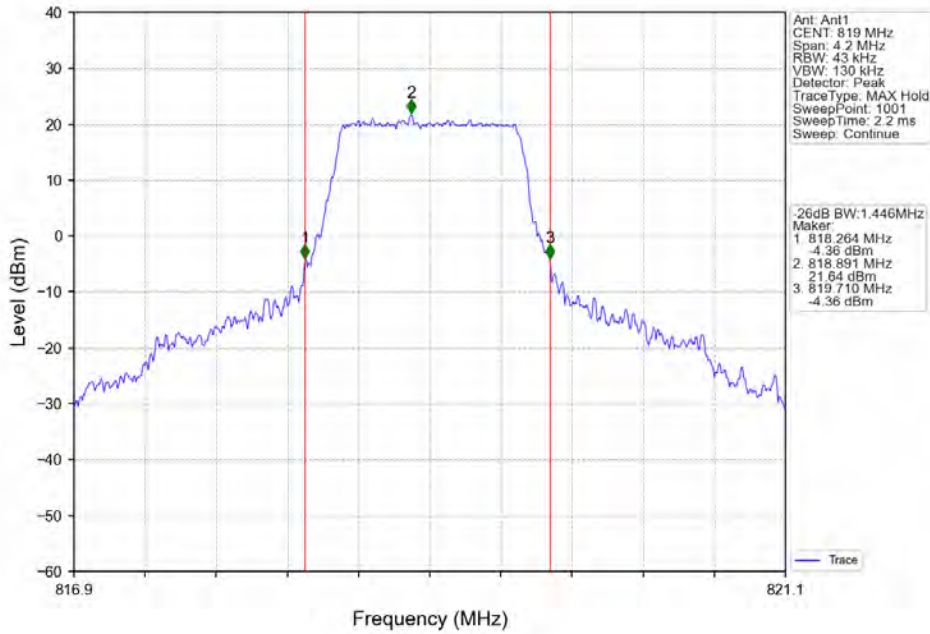
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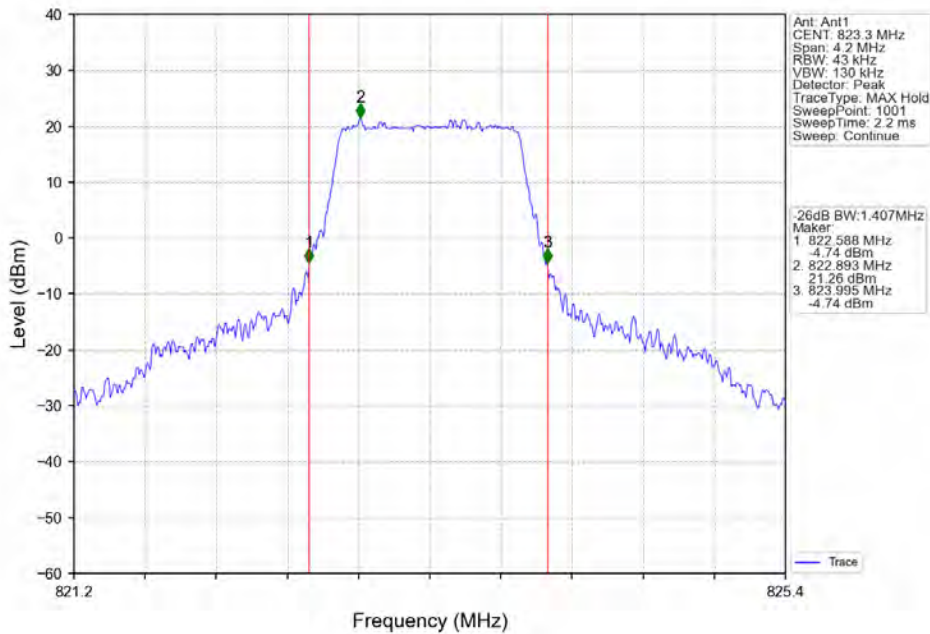
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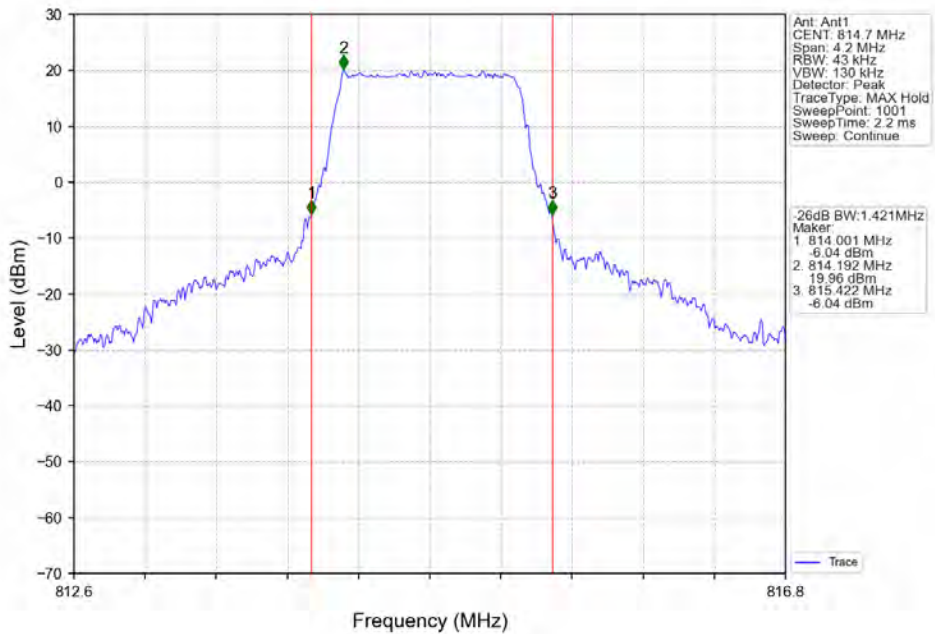
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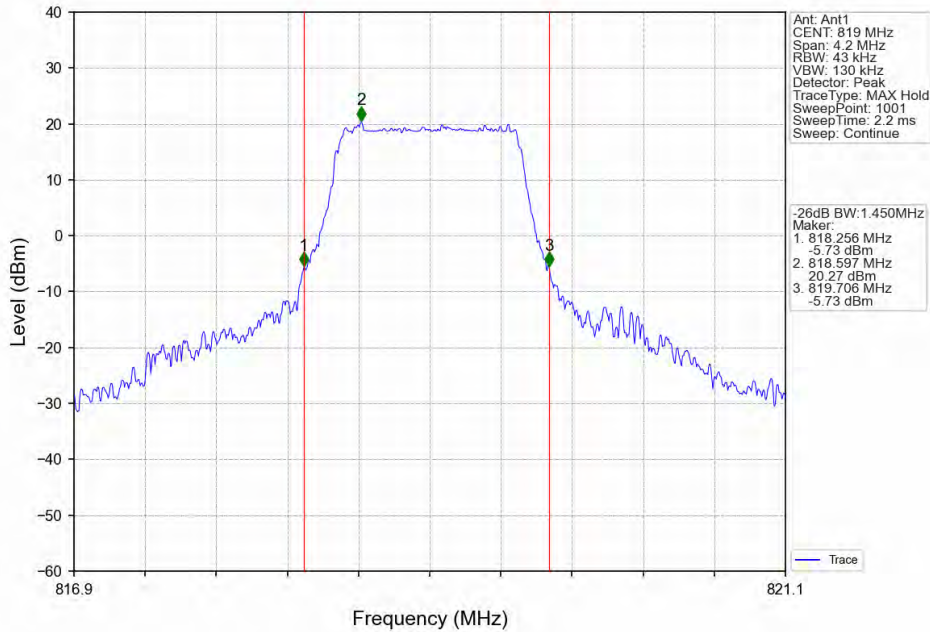
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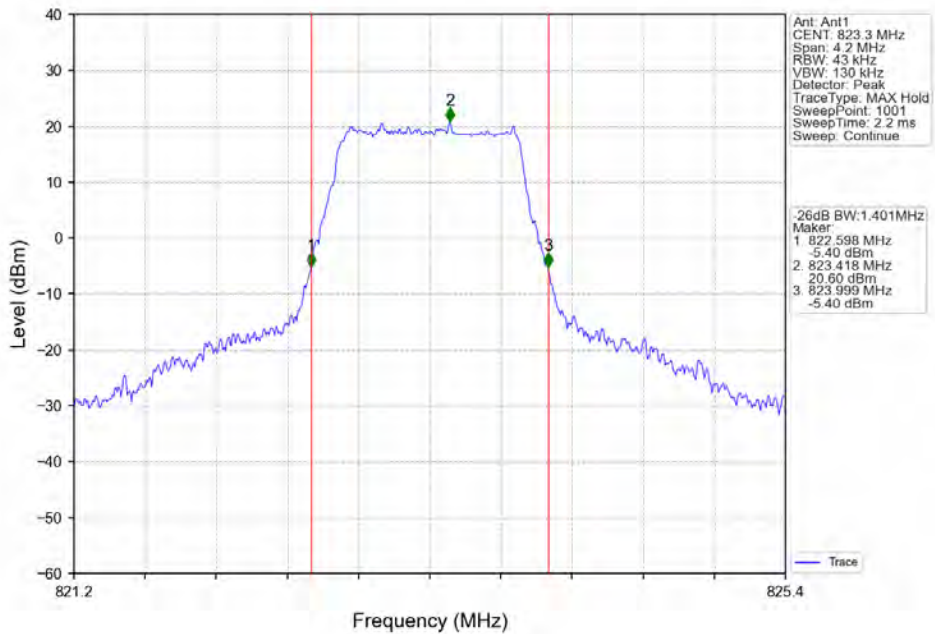
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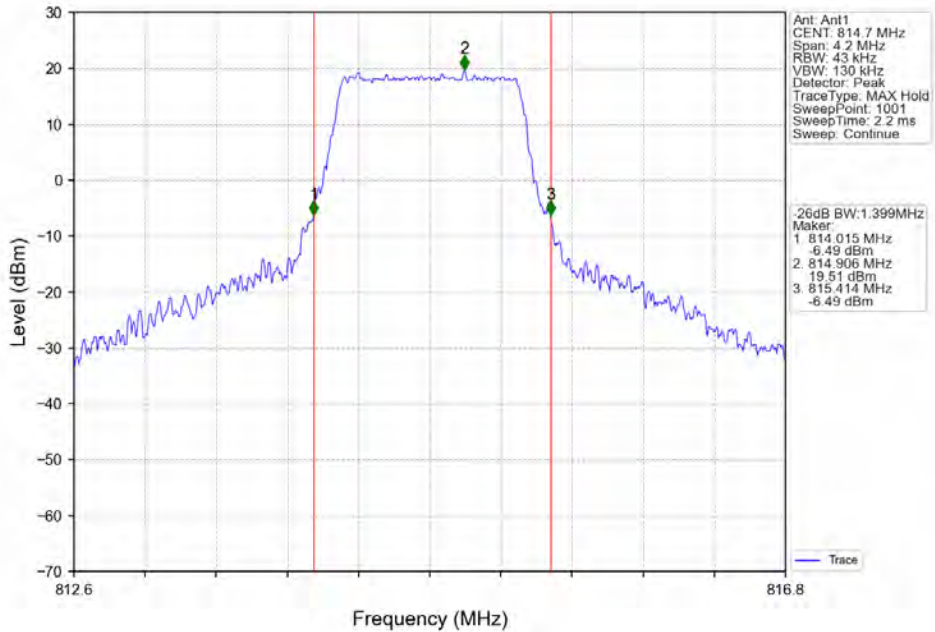
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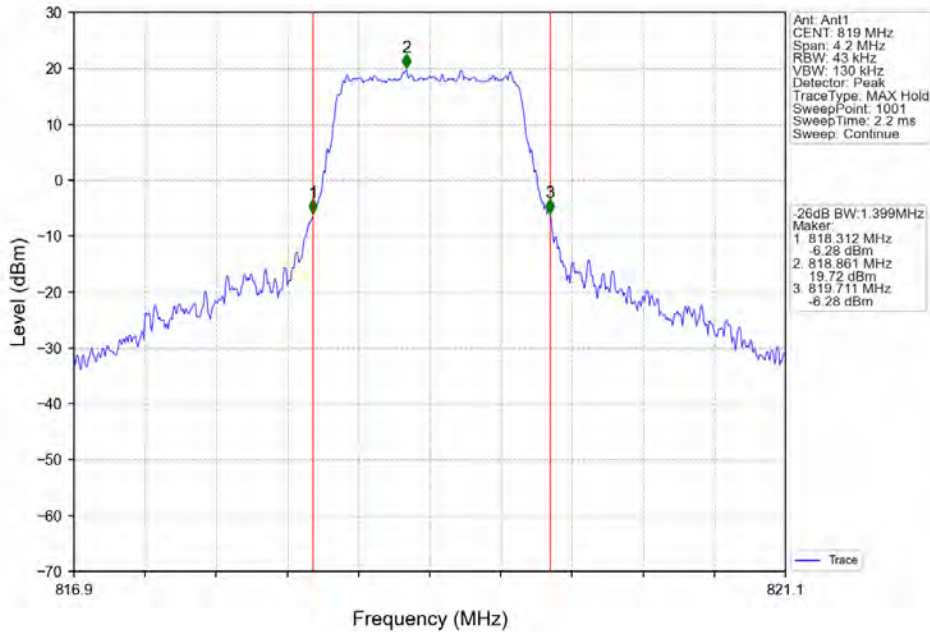
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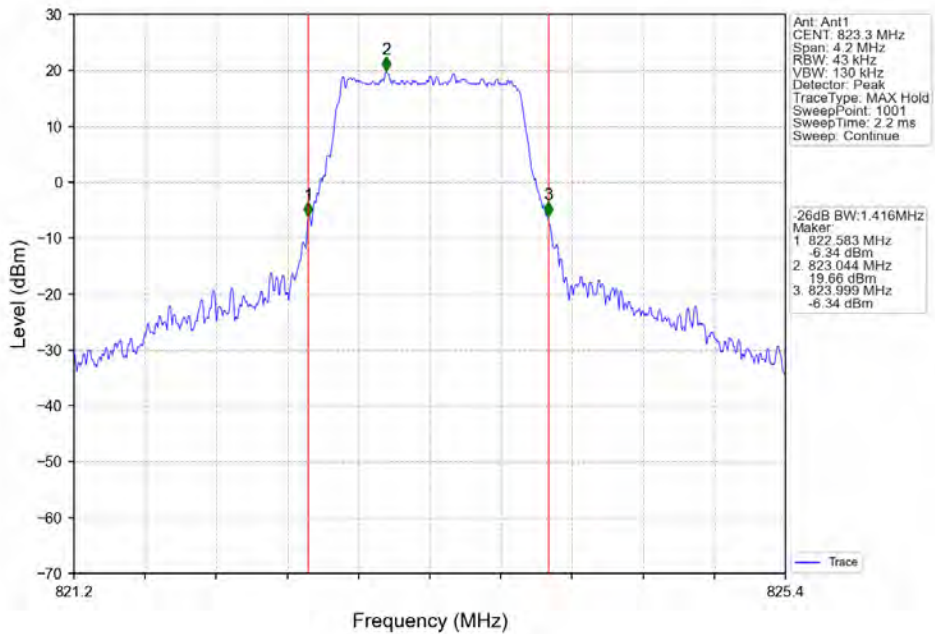
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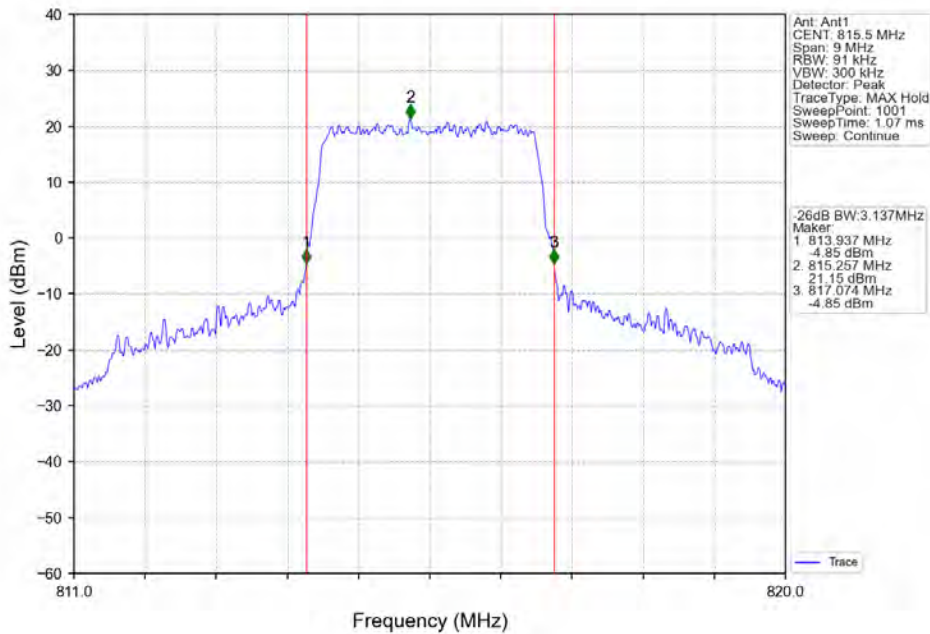
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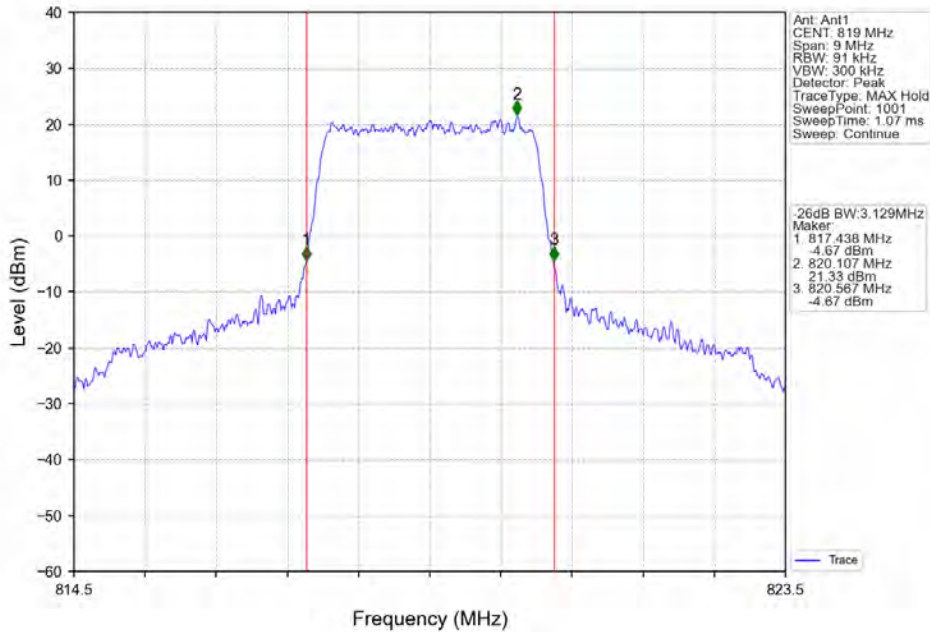
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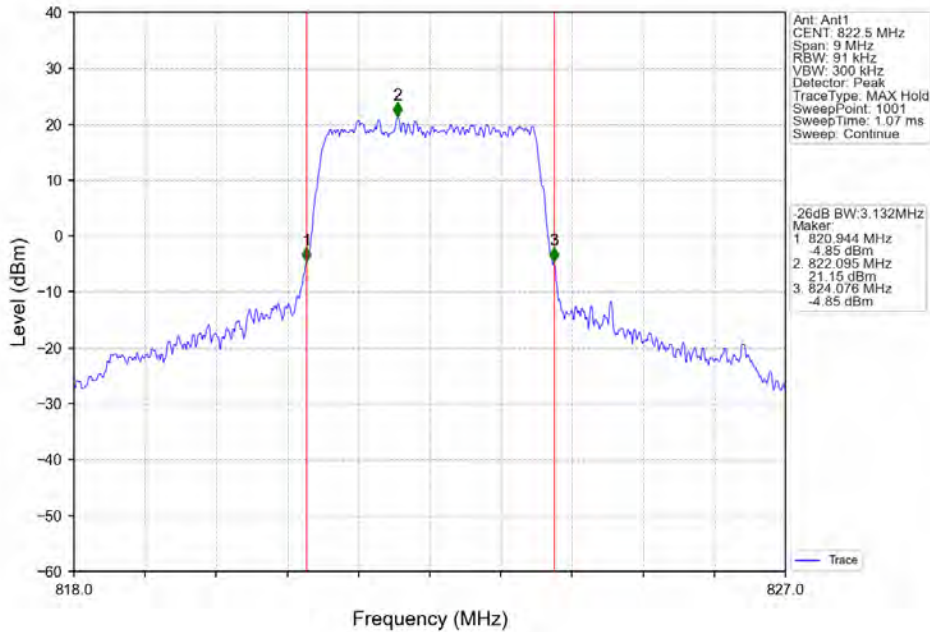
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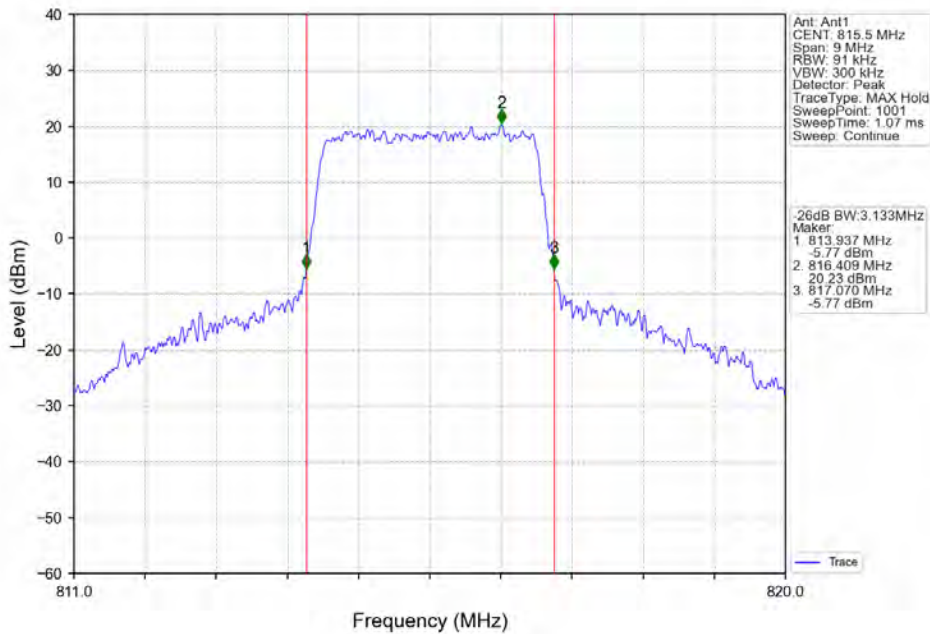
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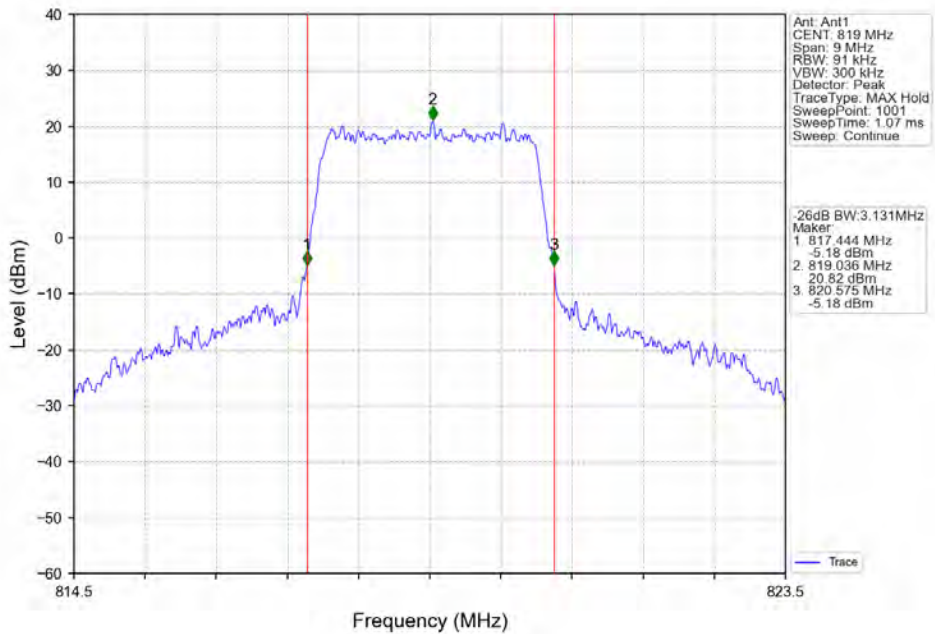
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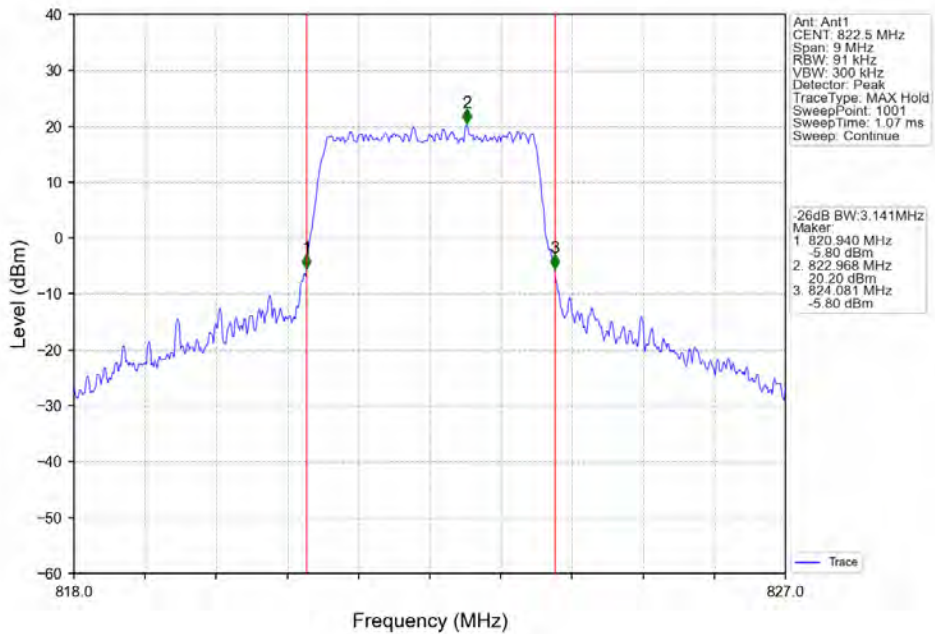
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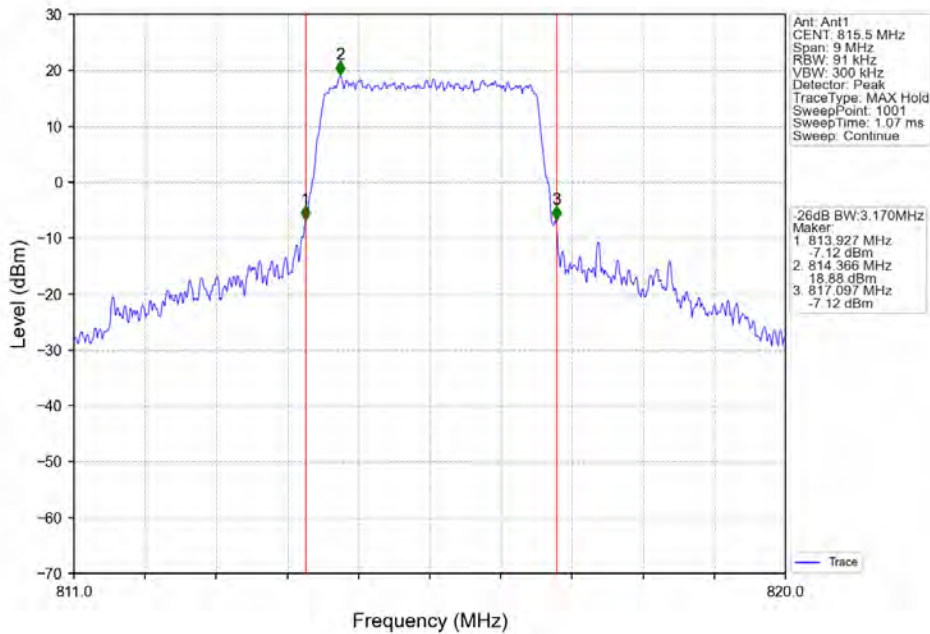
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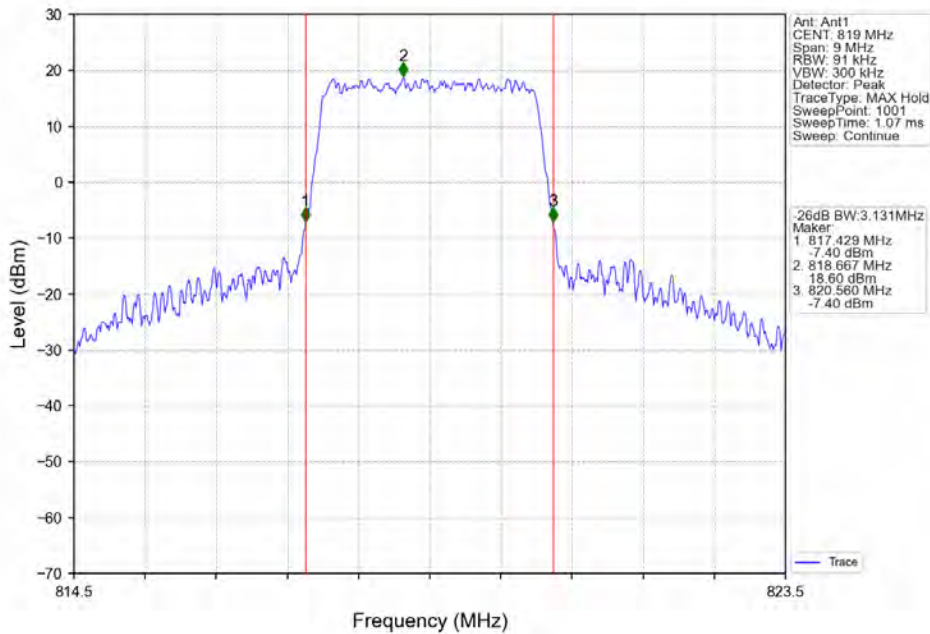
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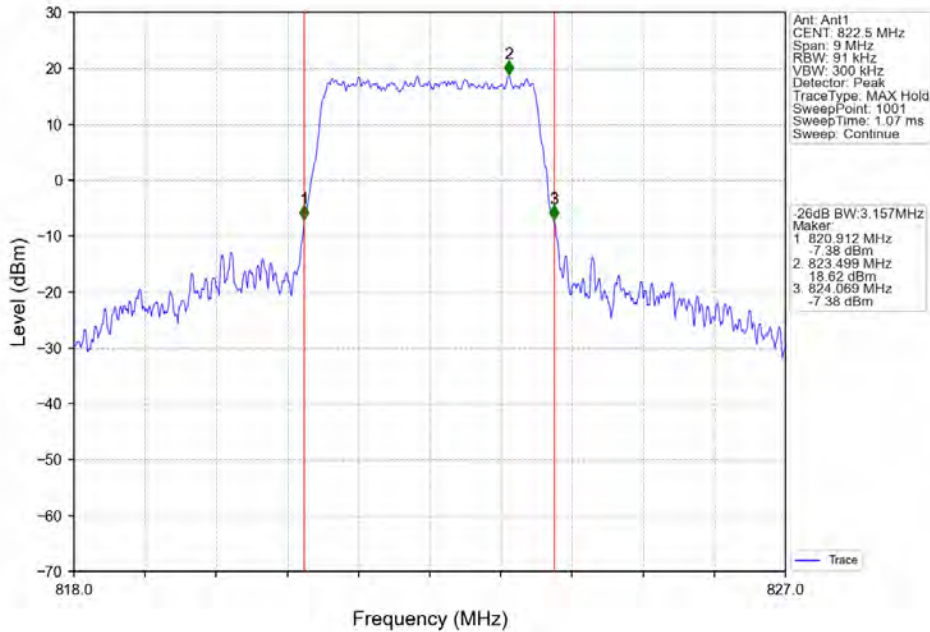
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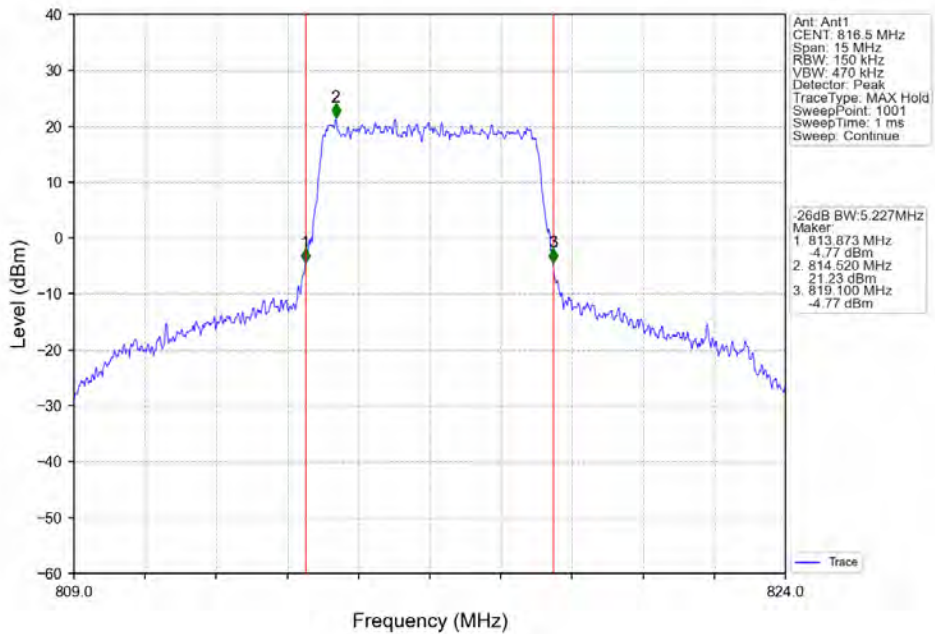
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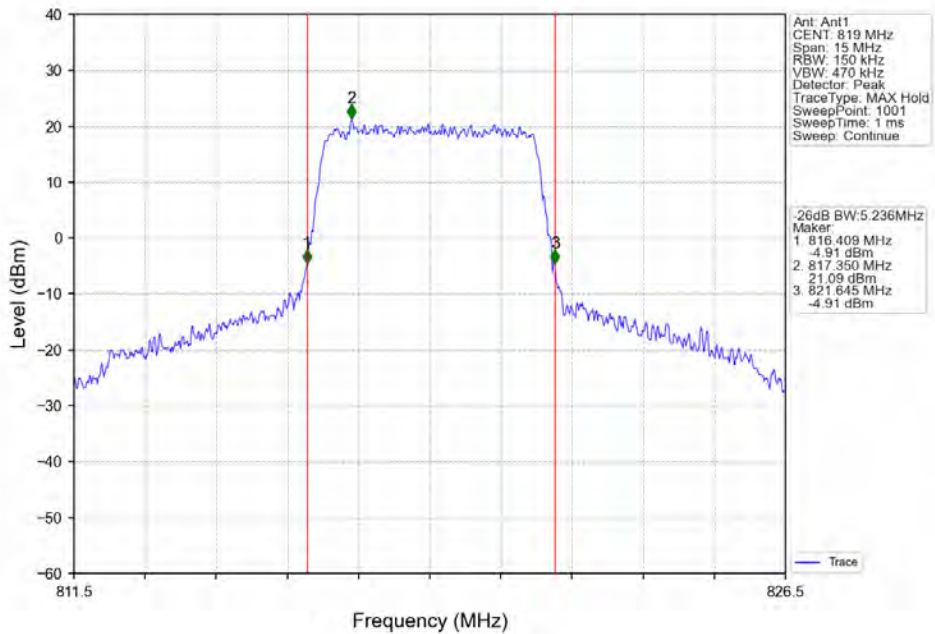
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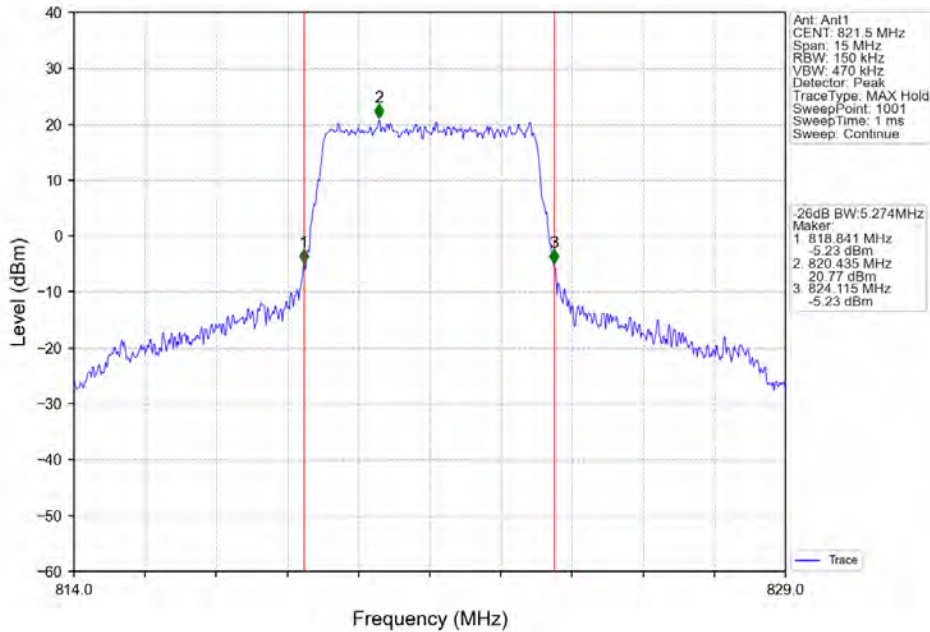
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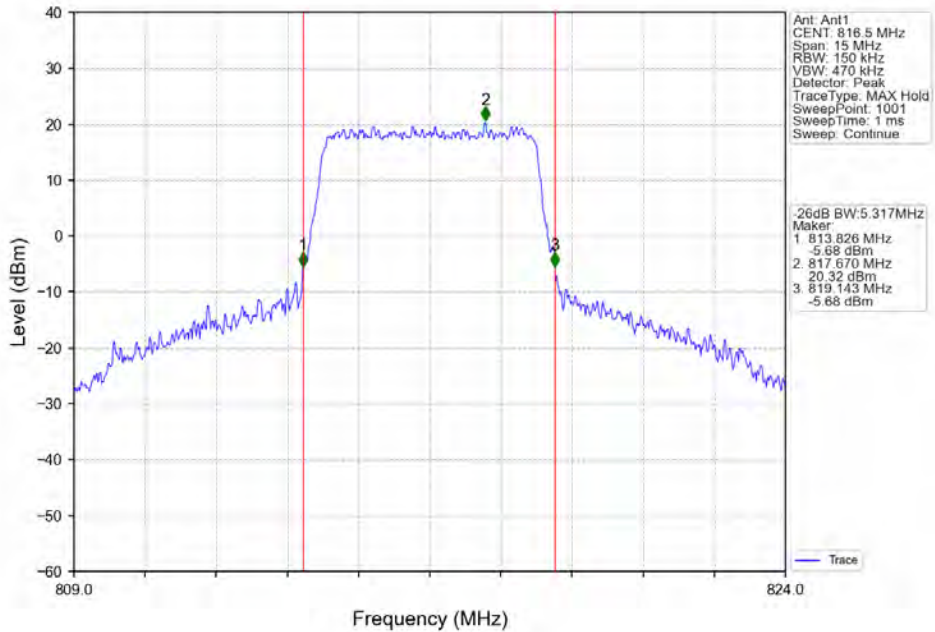
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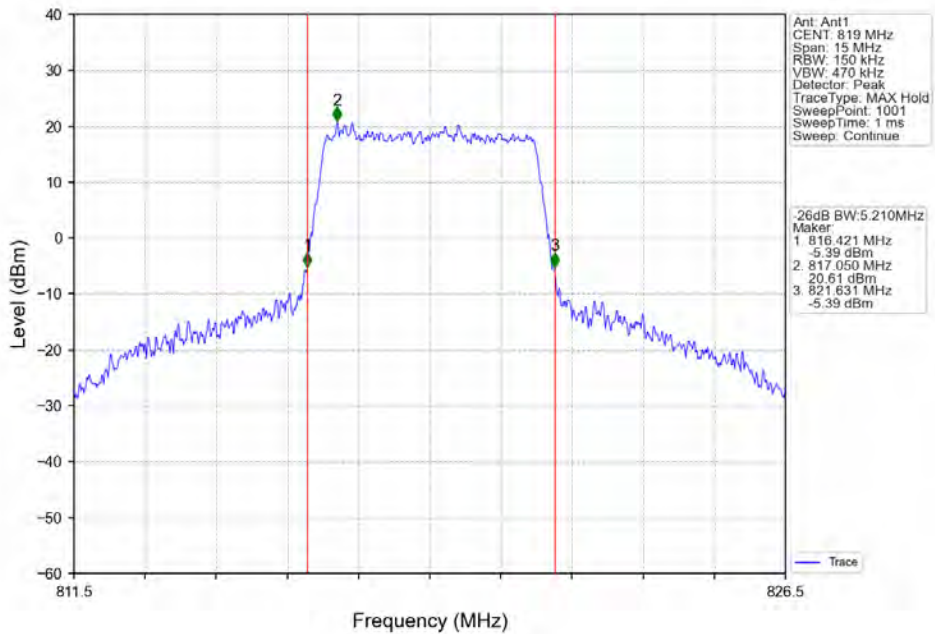
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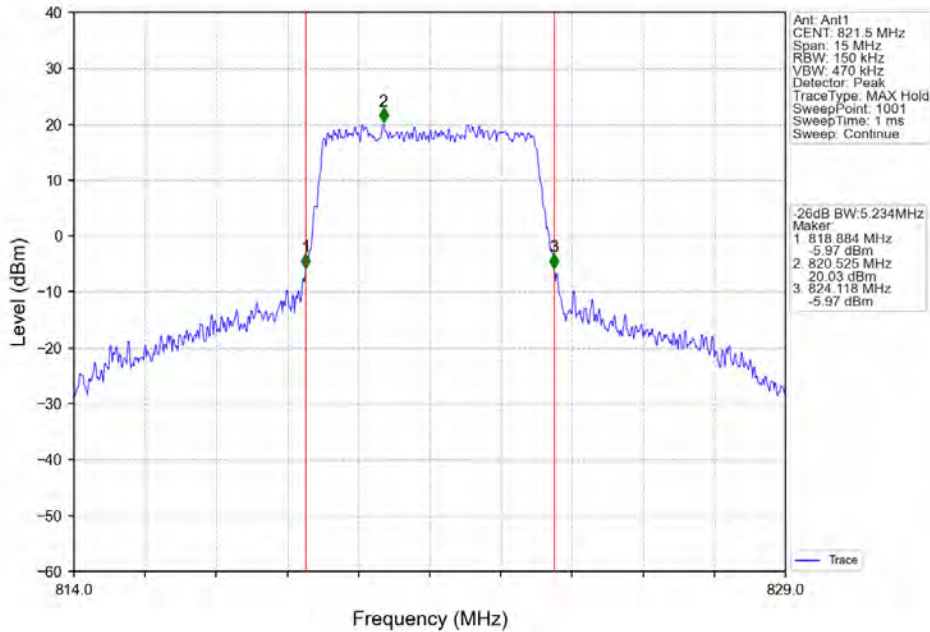
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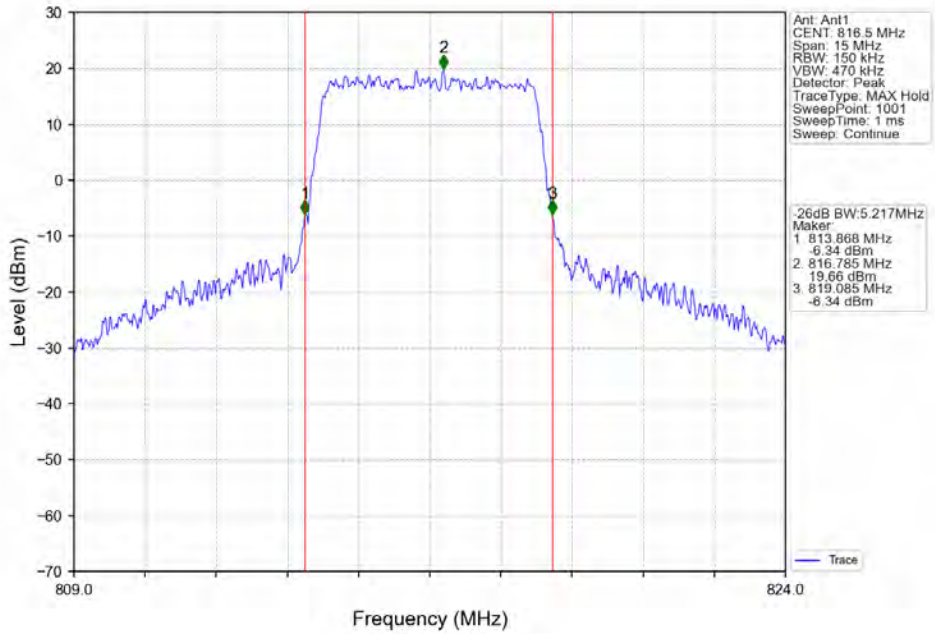
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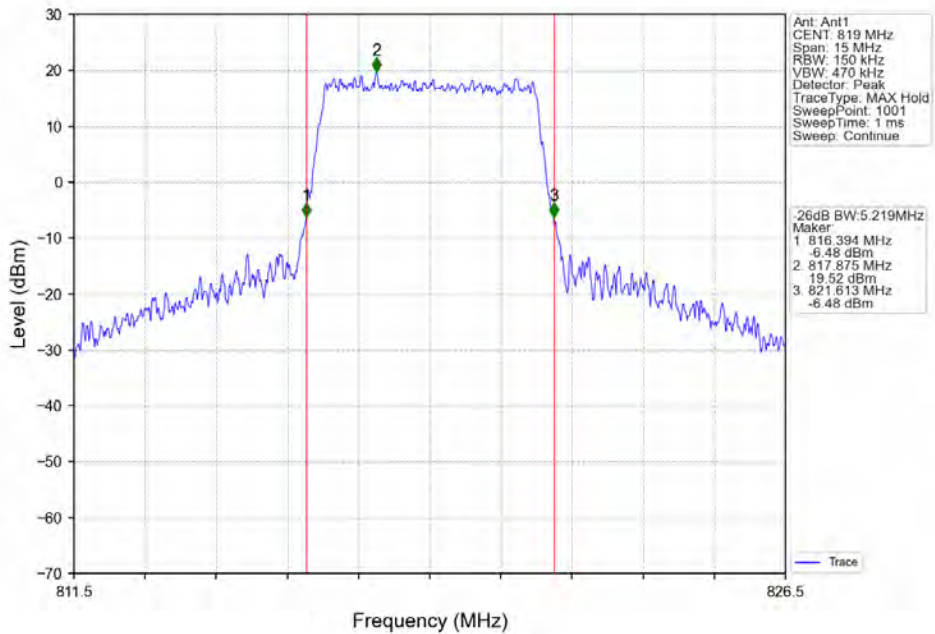
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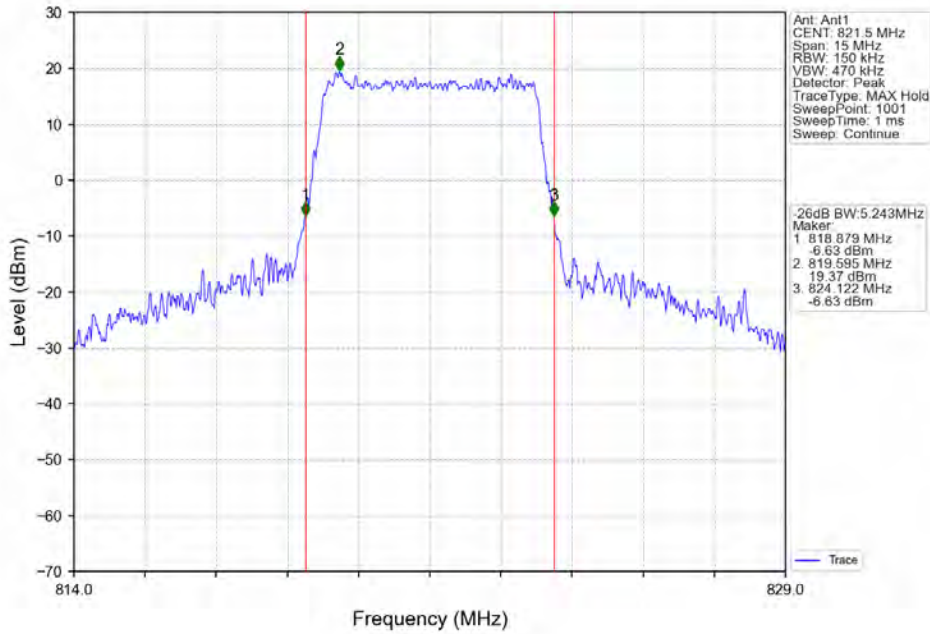
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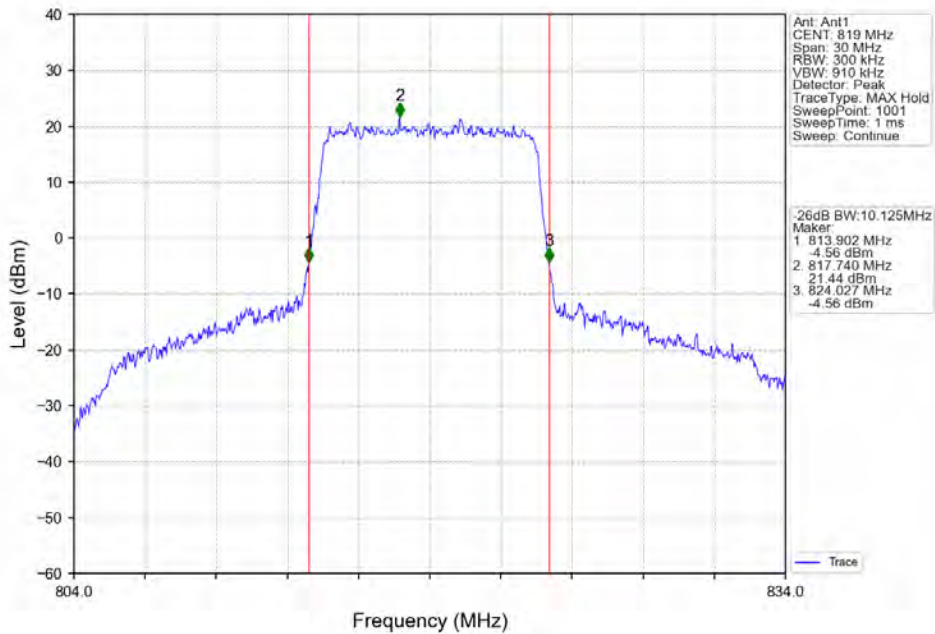
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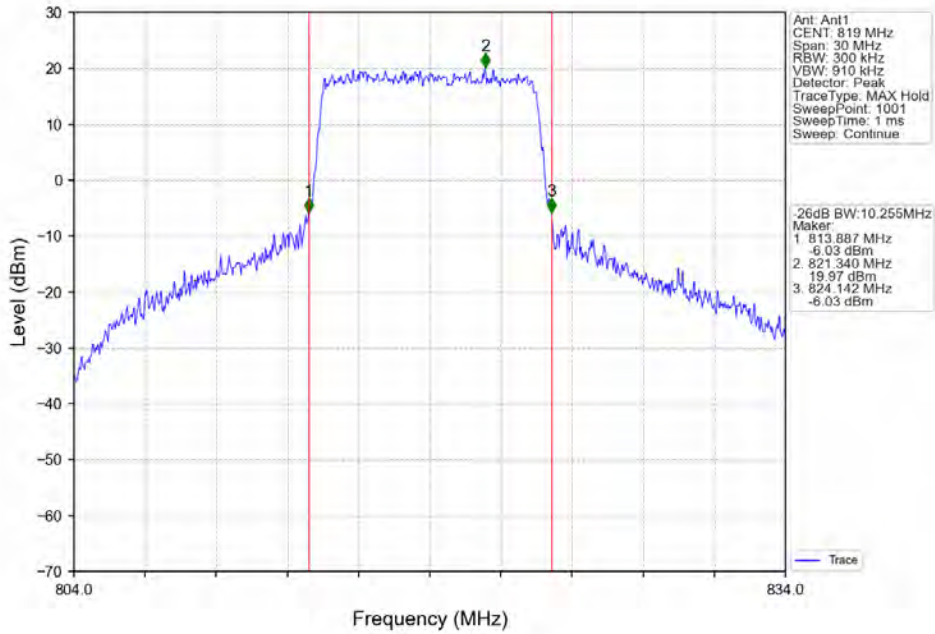
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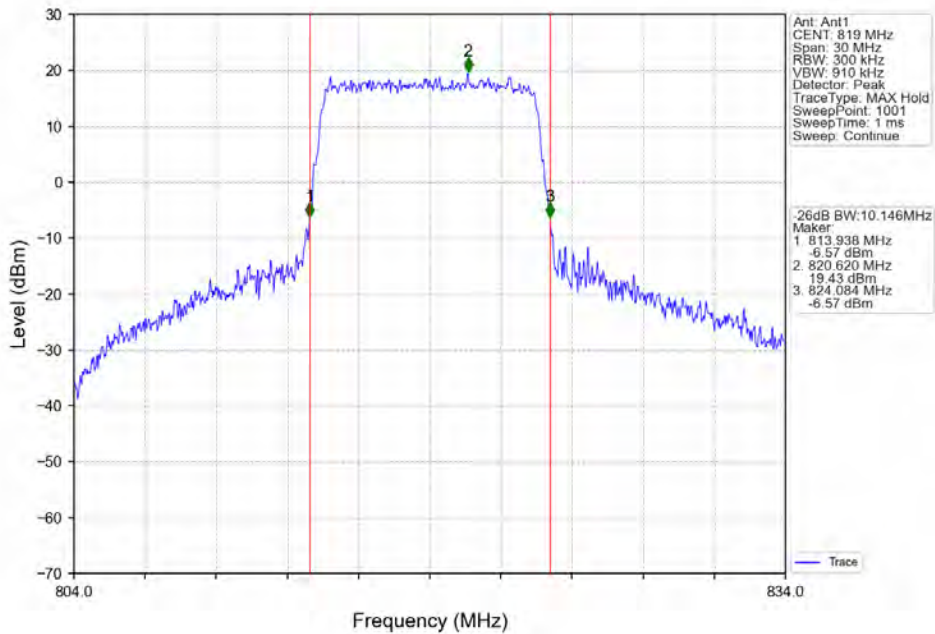
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4. Peak-Average Ratio

4.1 B26a_1.4MHz

4.1.1 Test Result

Band: 26a / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	814.7	6	0	4.22	<=13	Pass
	819	6	0	4.48	<=13	Pass
	823.3	6	0	4.69	<=13	Pass
16QAM	814.7	6	0	5.10	<=13	Pass
	819	6	0	5.30	<=13	Pass
	823.3	6	0	5.61	<=13	Pass
64QAM	814.7	6	0	5.78	<=13	Pass
	819	6	0	5.92	<=13	Pass
	823.3	6	0	6.10	<=13	Pass



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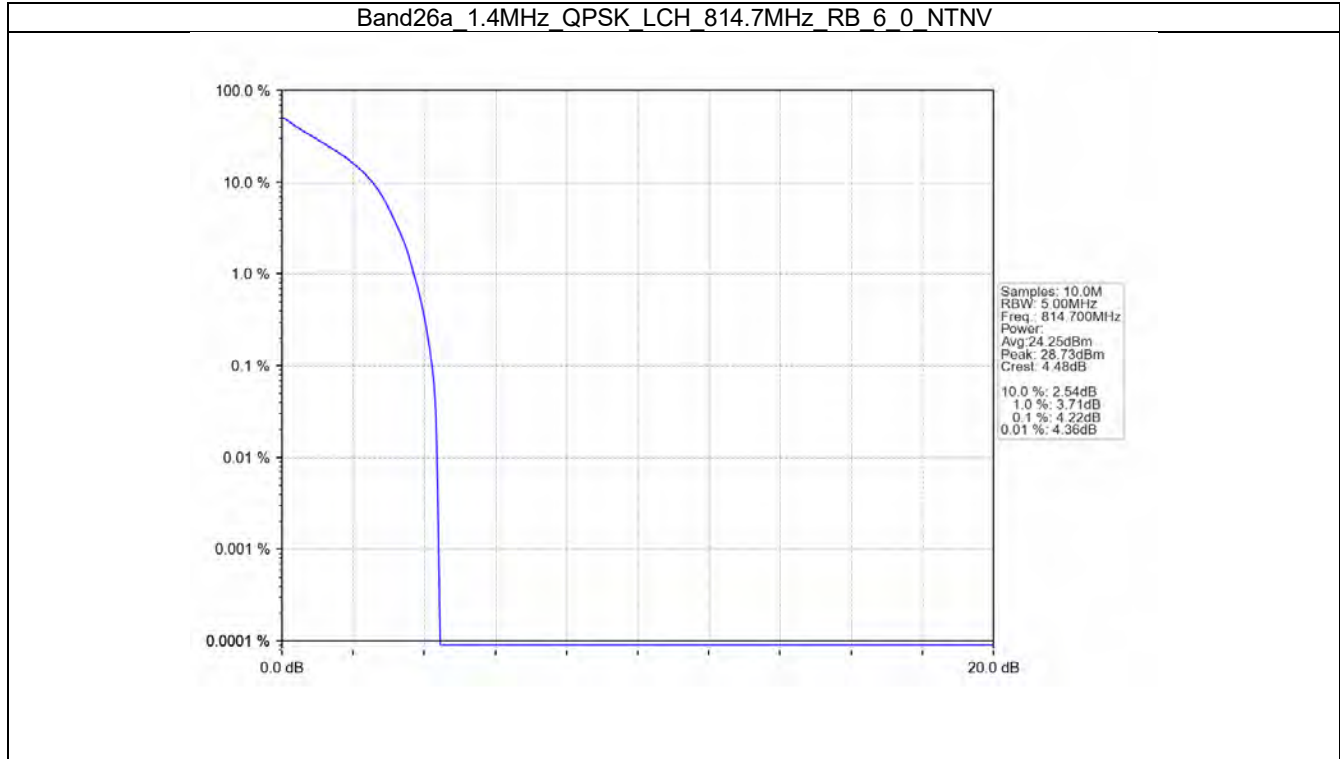
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4.1.2 Test Graph



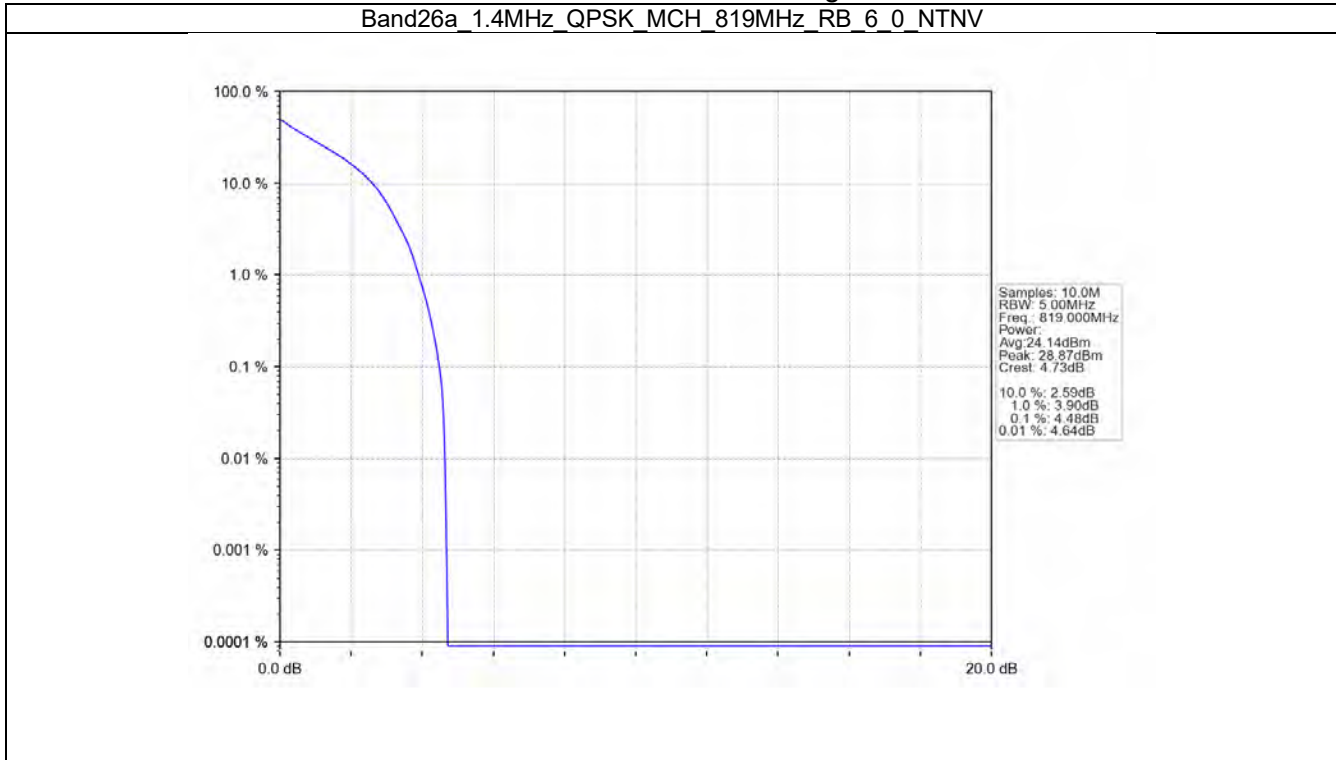
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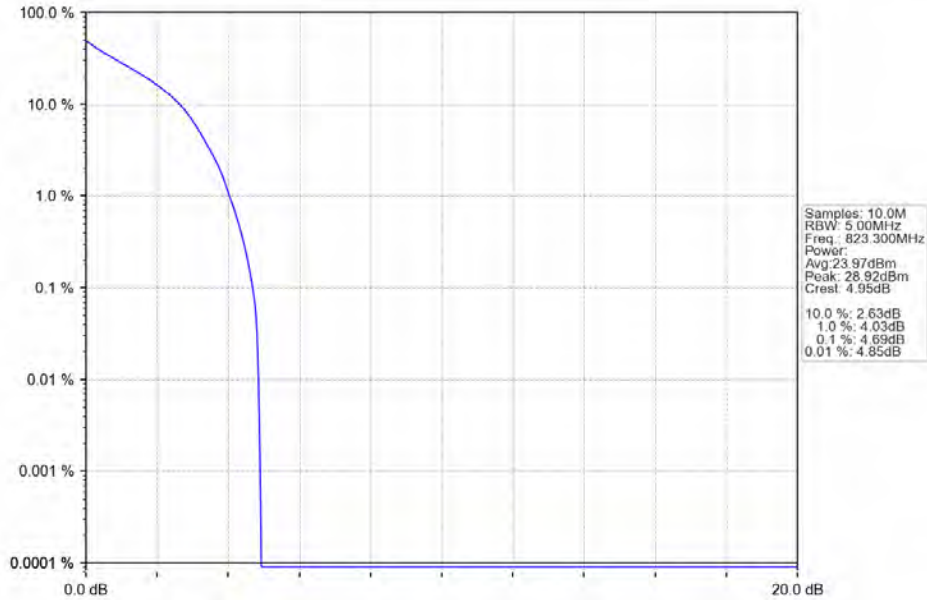
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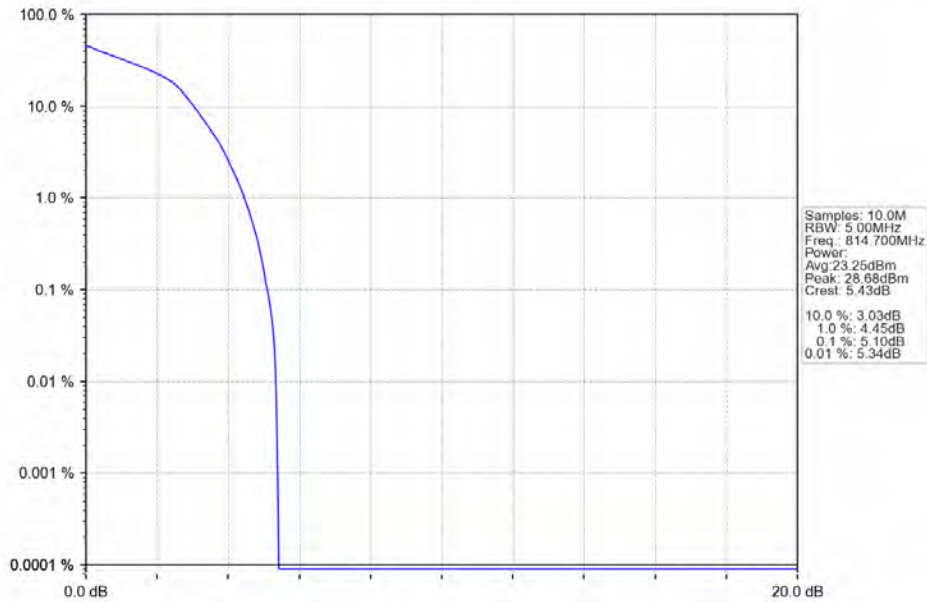
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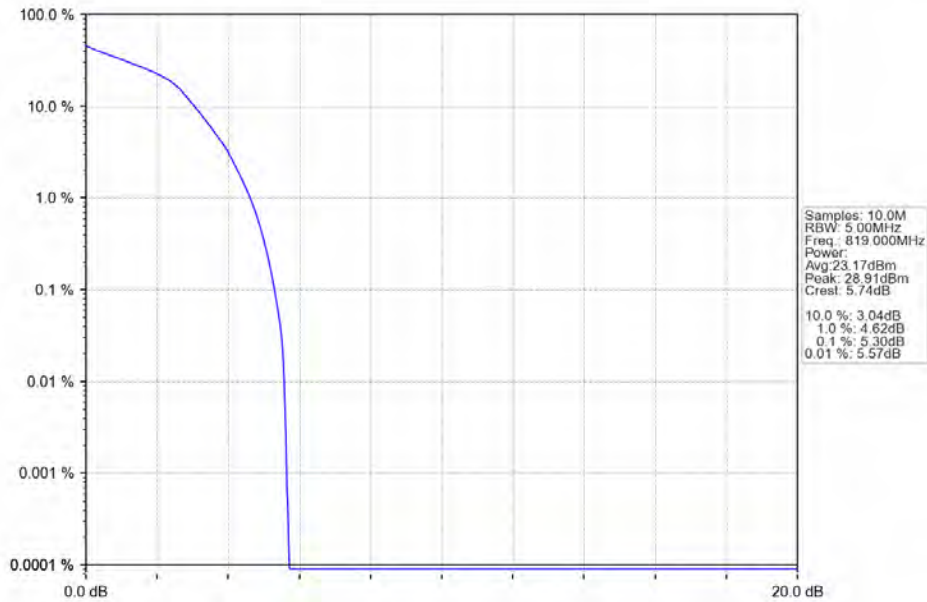
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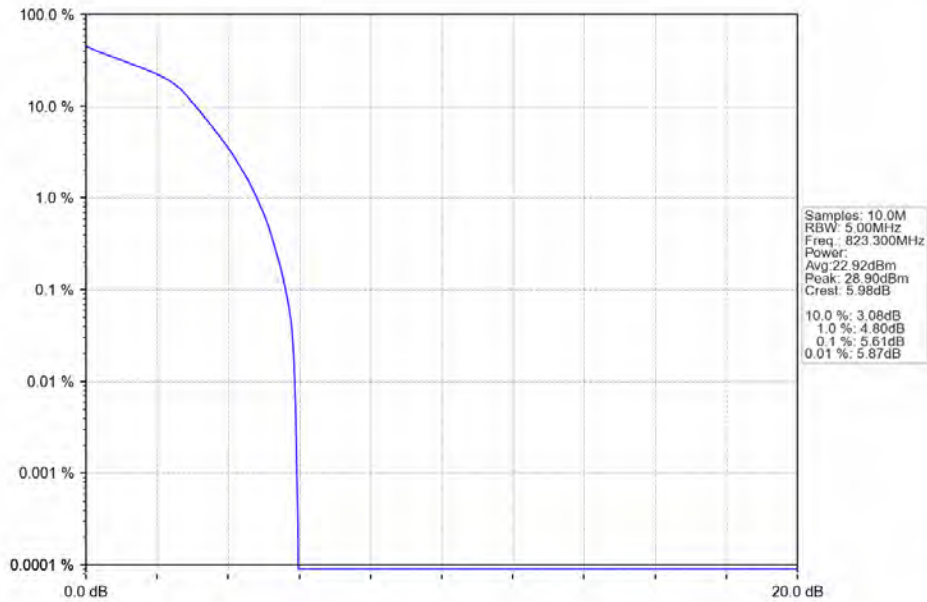
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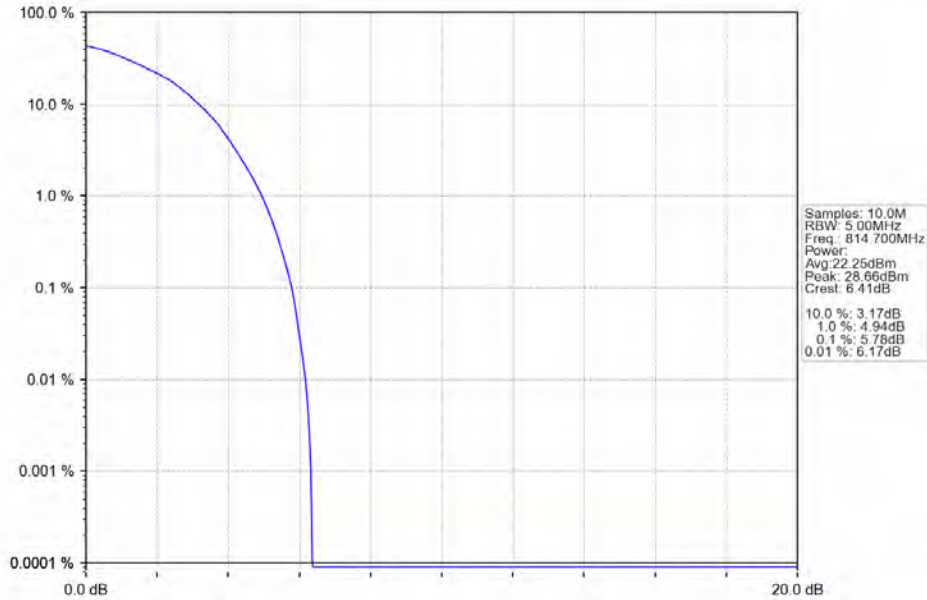
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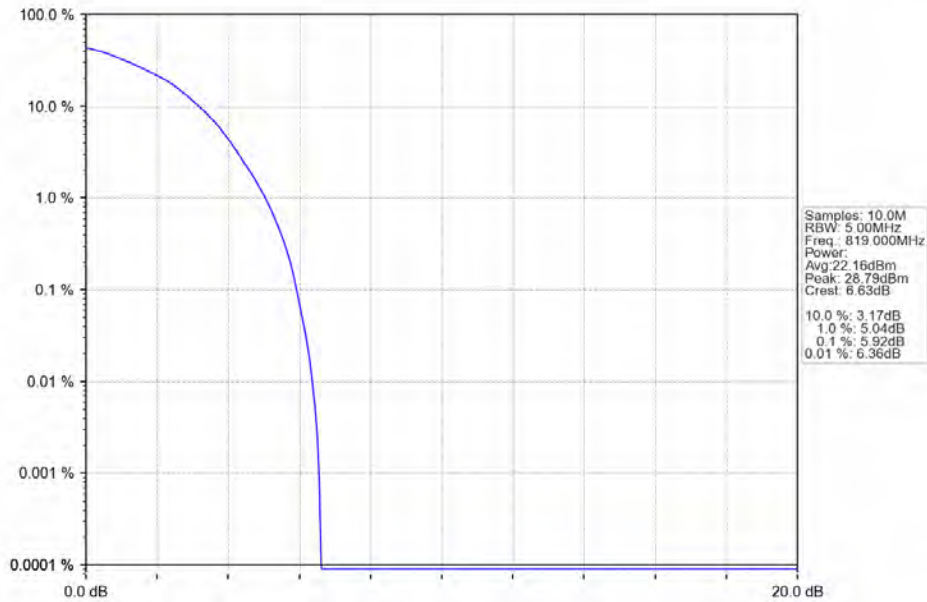
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Band26a 1.4MHz 64QAM MCH 819MHz_RB_6_0_NTNV



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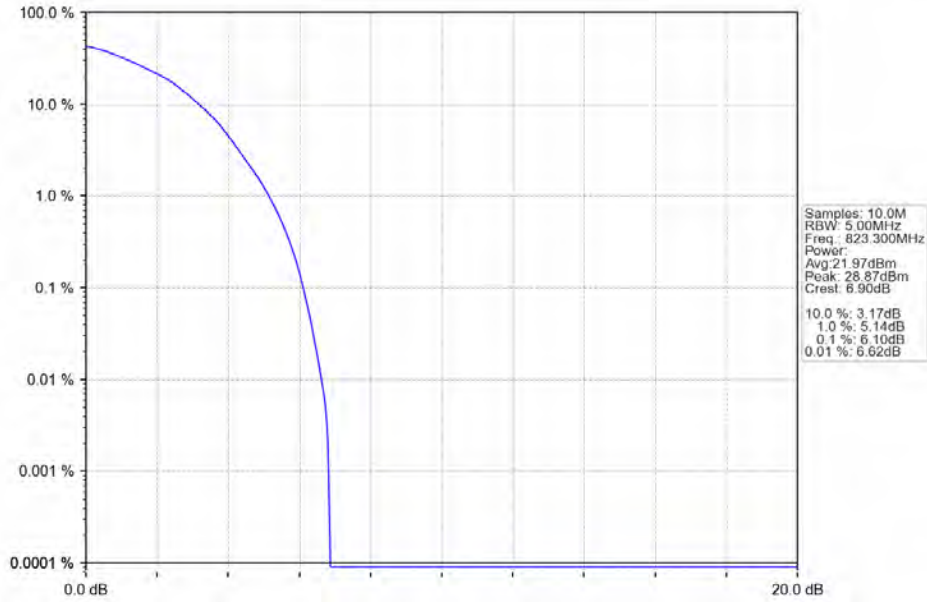
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4.2 B26a_3MHz

4.2.1 Test Result

Band: 26a / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	15	0	4.27	<=13	Pass
	819	15	0	4.44	<=13	Pass
	822.5	15	0	4.58	<=13	Pass
16QAM	815.5	15	0	5.15	<=13	Pass
	819	15	0	5.31	<=13	Pass
	822.5	15	0	5.47	<=13	Pass
64QAM	815.5	15	0	5.85	<=13	Pass
	819	15	0	5.99	<=13	Pass
	822.5	15	0	6.12	<=13	Pass



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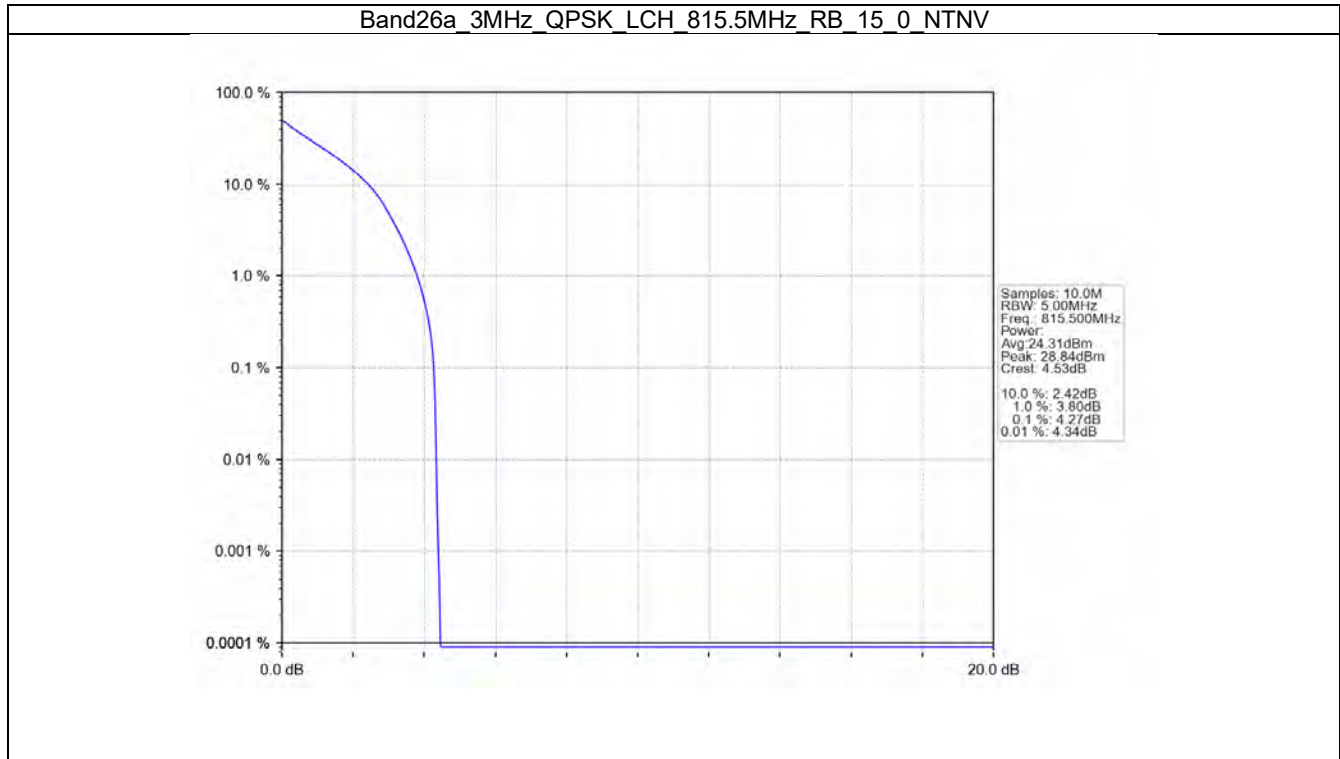
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4.2.2 Test Graph



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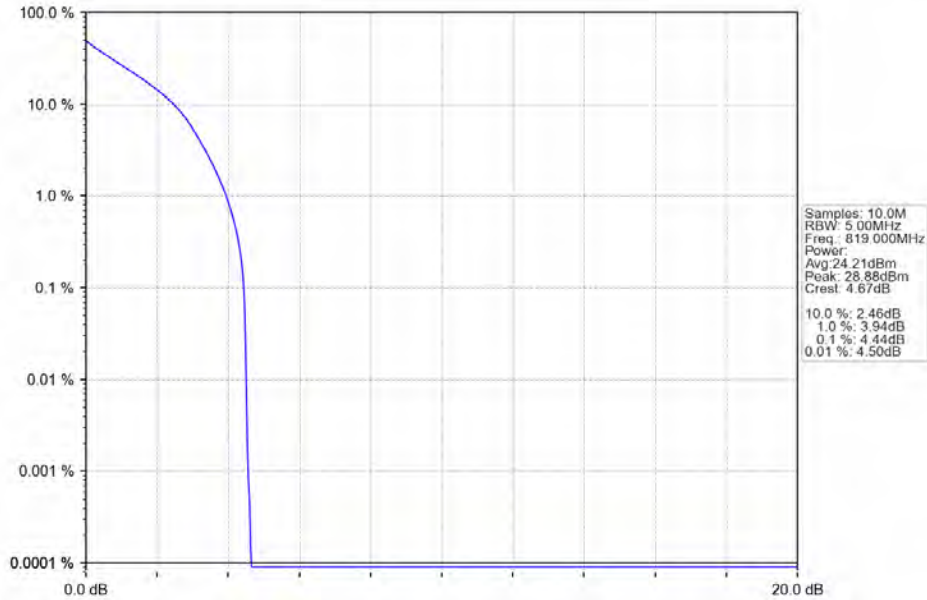
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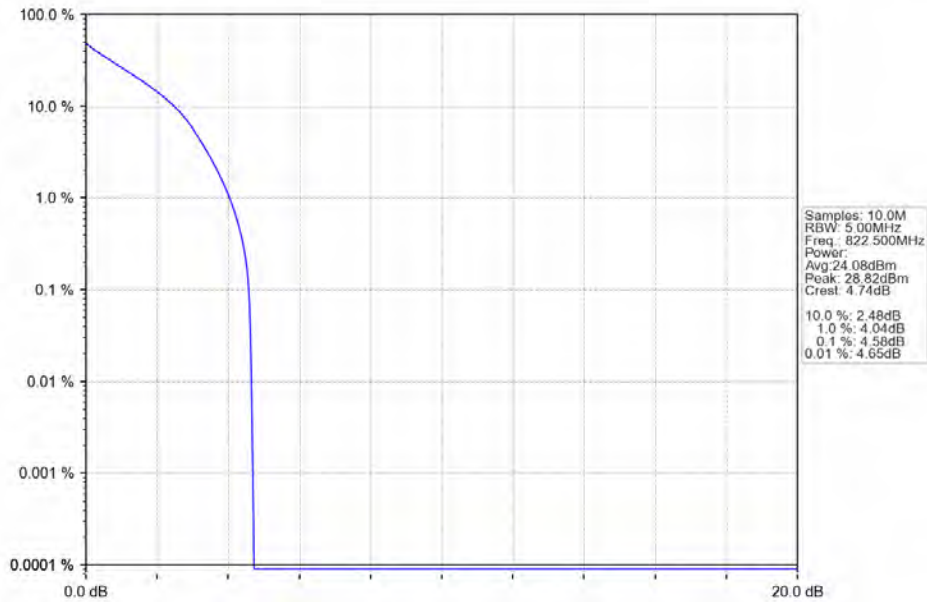
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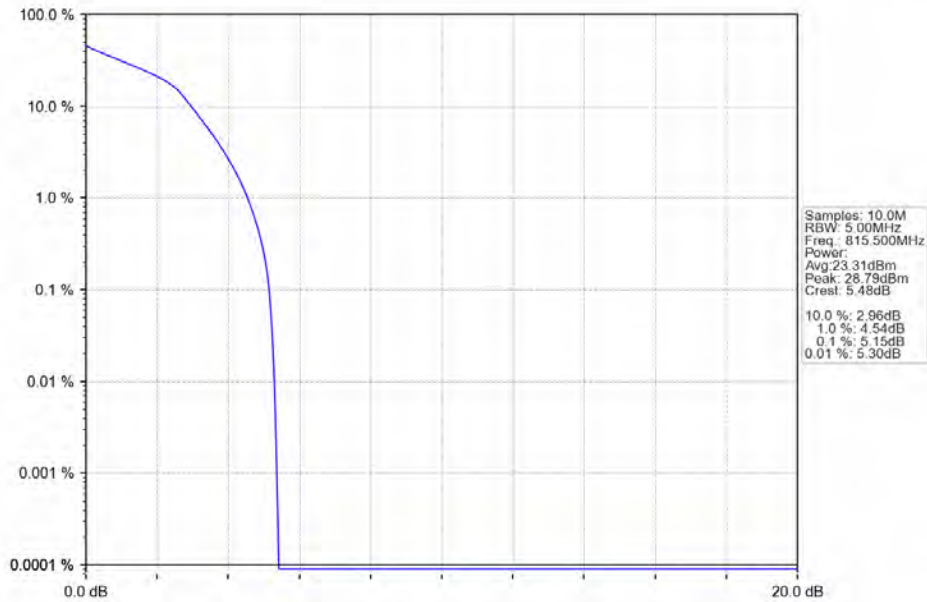
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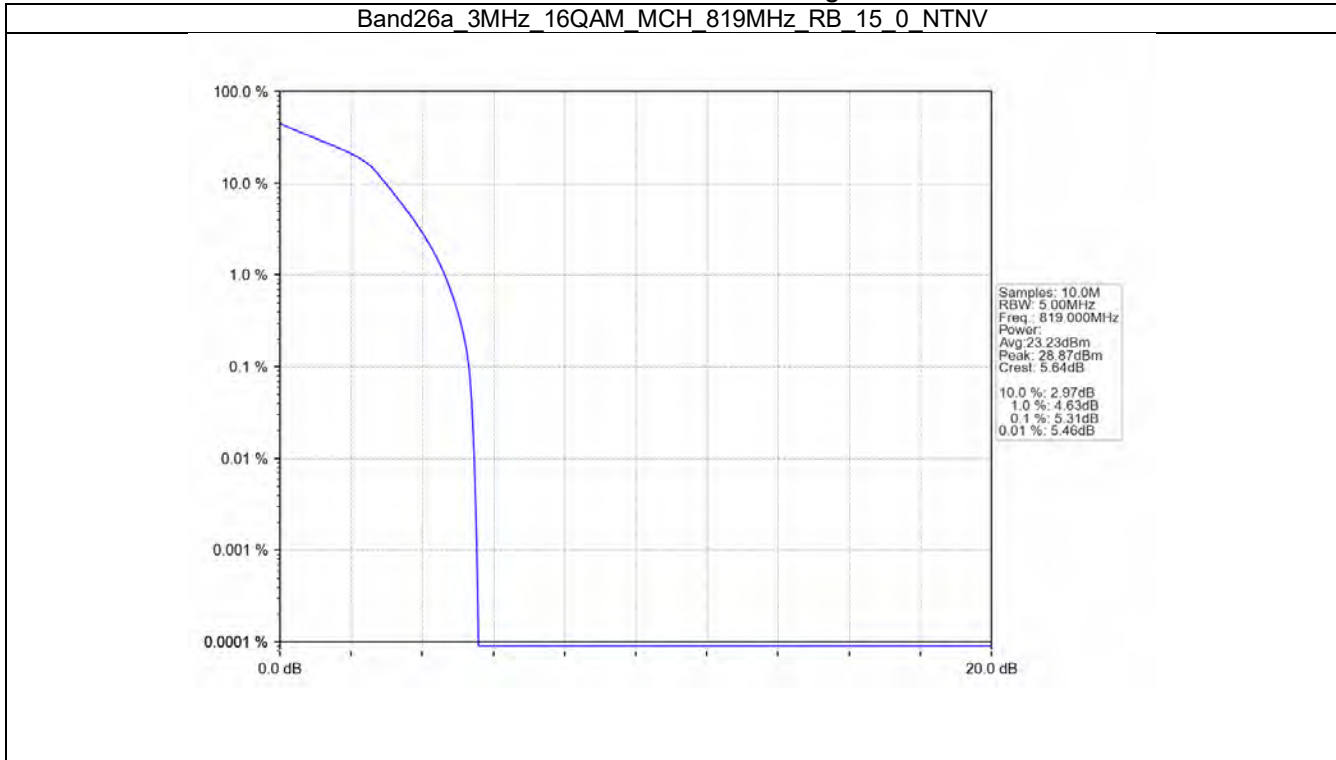
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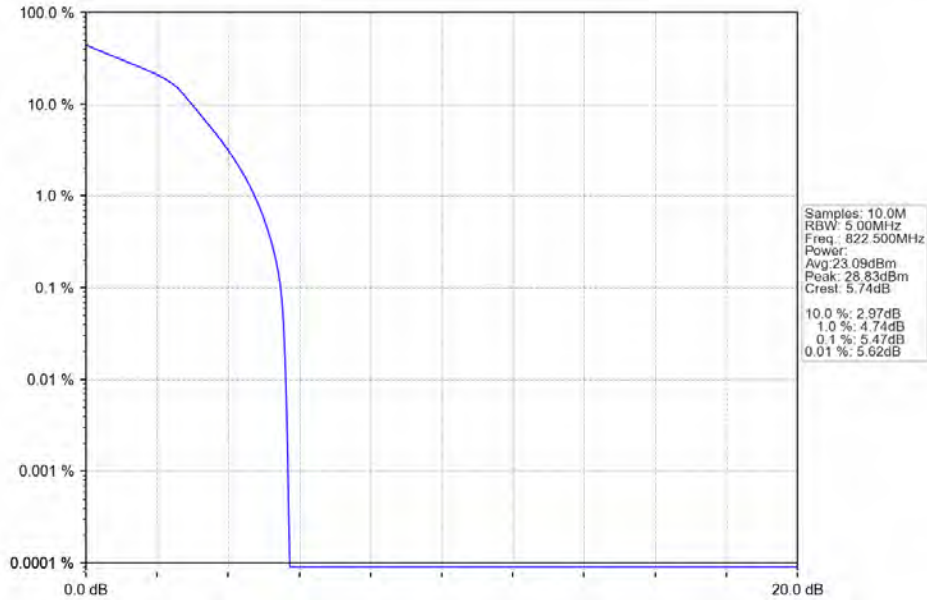
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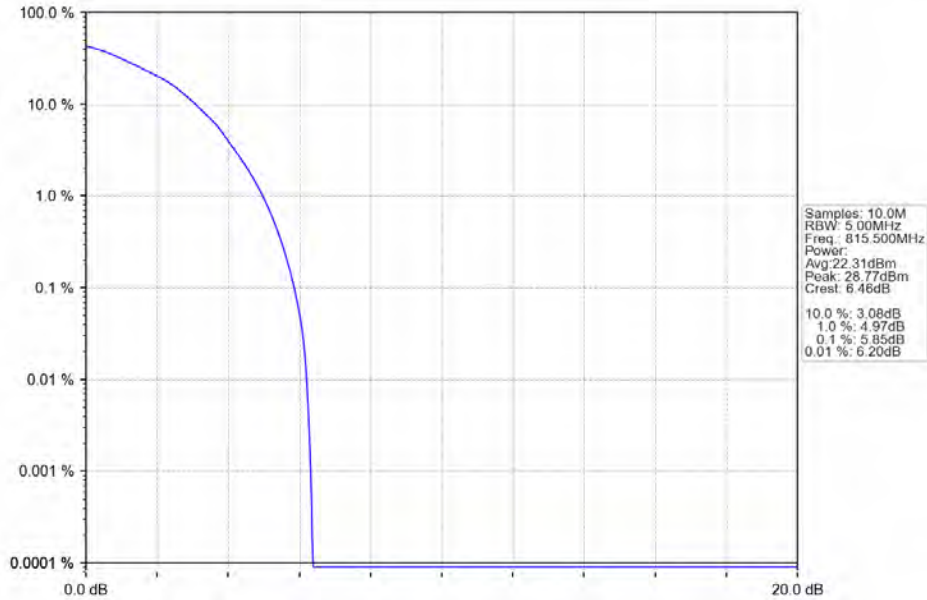
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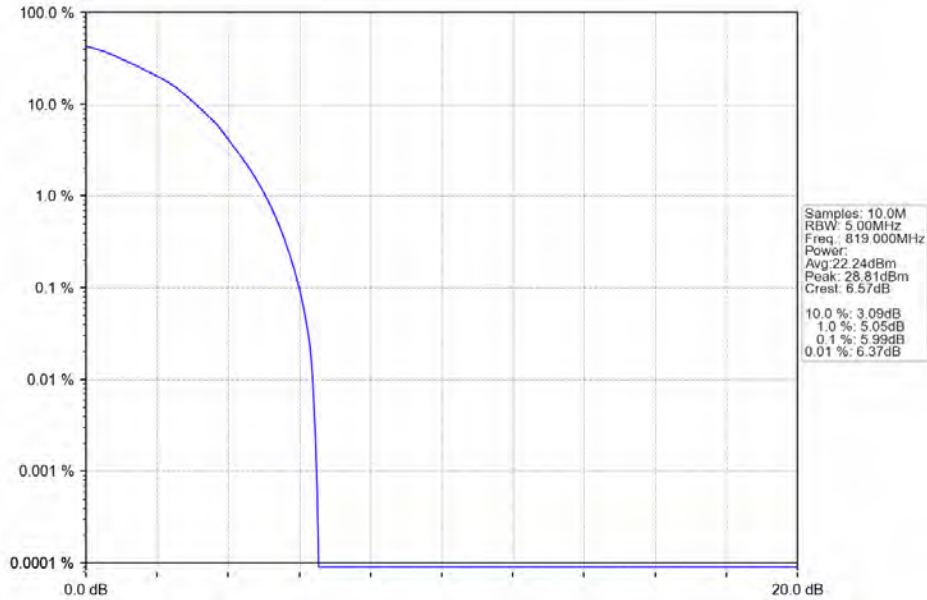
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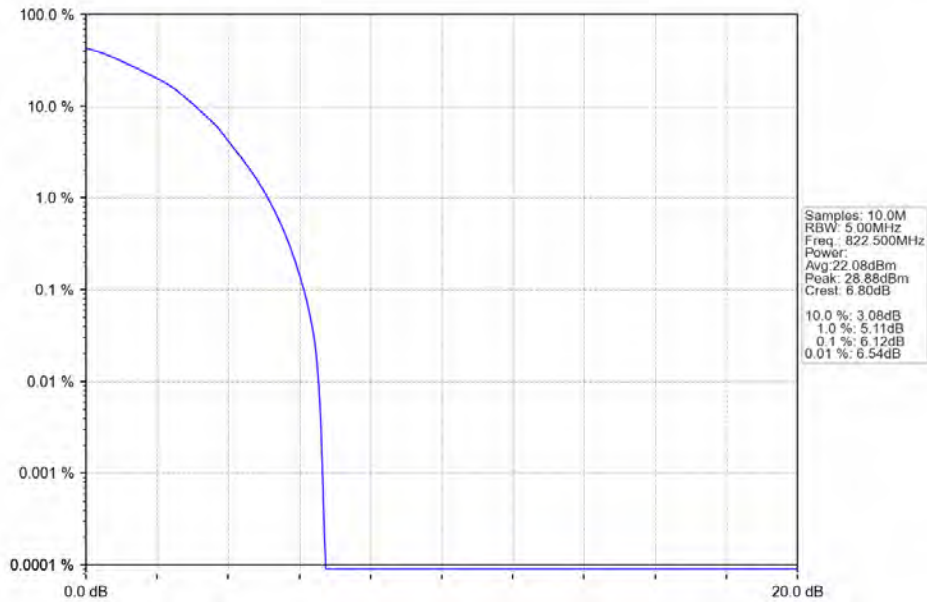
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Band26a_3MHz_64QAM_HCH_822.5MHz_RB_15_0_NTNV



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4.3 B26a_5MHz

4.3.1 Test Result

Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	25	0	4.72	<=13	Pass
	819	25	0	4.81	<=13	Pass
	821.5	25	0	4.90	<=13	Pass
16QAM	816.5	25	0	5.53	<=13	Pass
	819	25	0	5.63	<=13	Pass
	821.5	25	0	5.72	<=13	Pass
64QAM	816.5	25	0	6.07	<=13	Pass
	819	25	0	6.15	<=13	Pass
	821.5	25	0	6.22	<=13	Pass



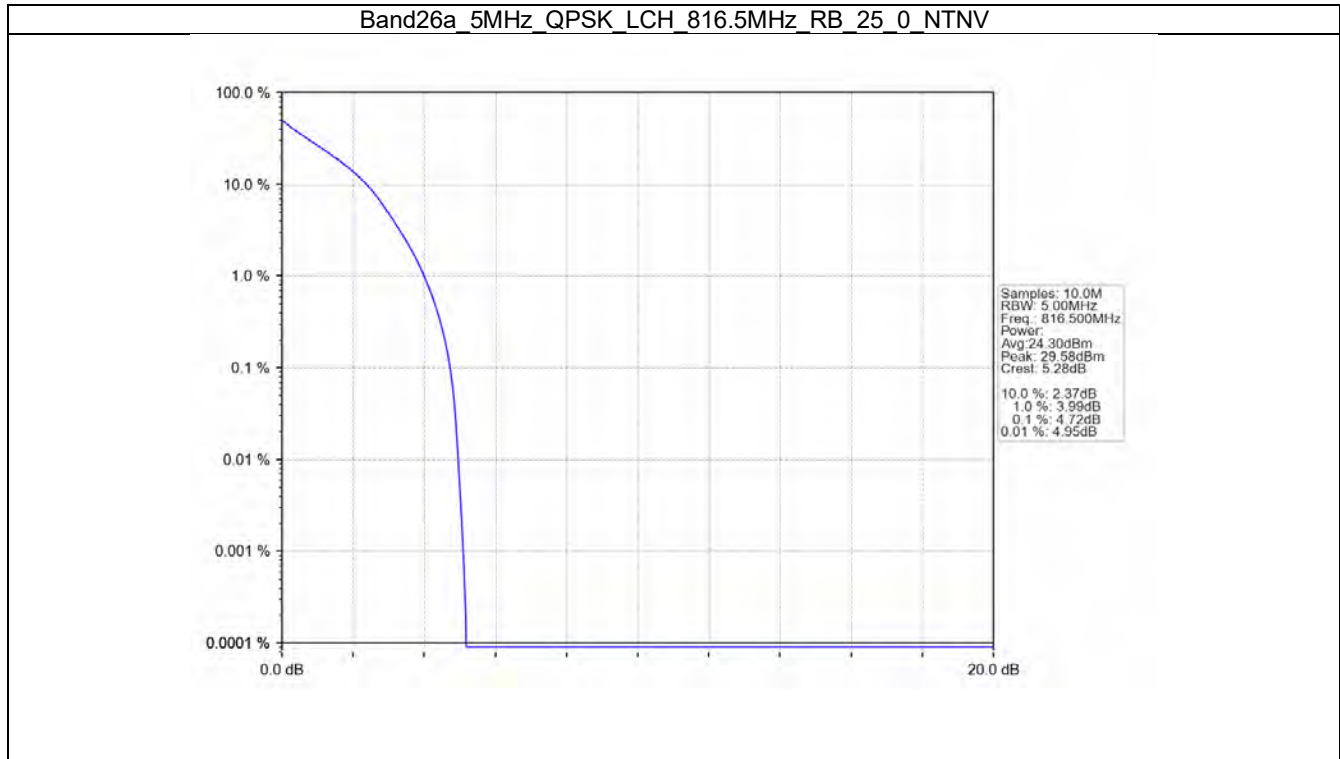
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4.3.2 Test Graph



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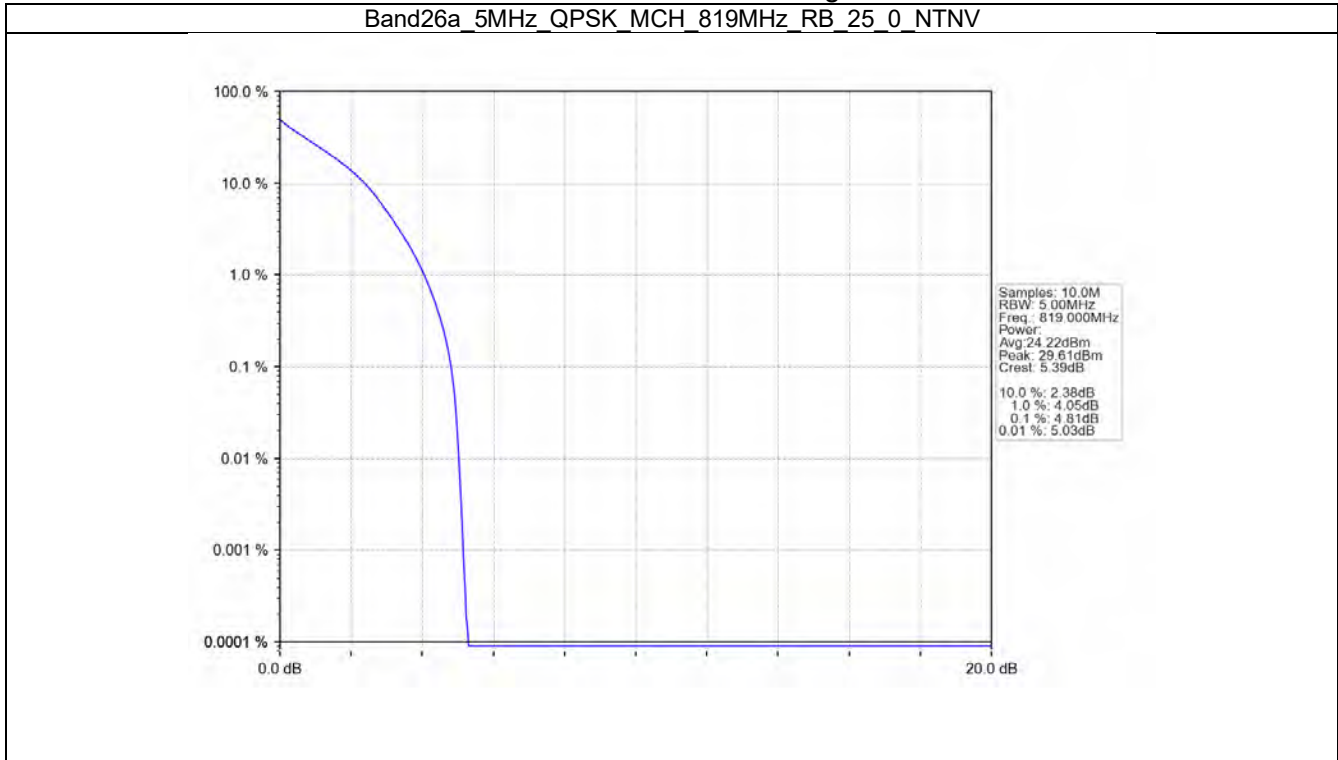
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Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



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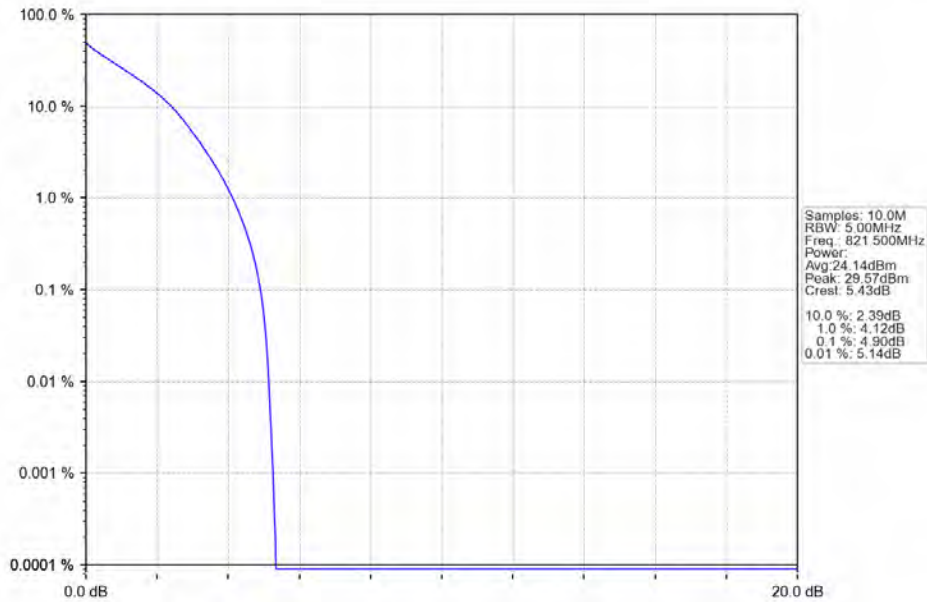
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Band26a 5MHz QPSK HCH 821.5MHz_RB_25_0_NTNV



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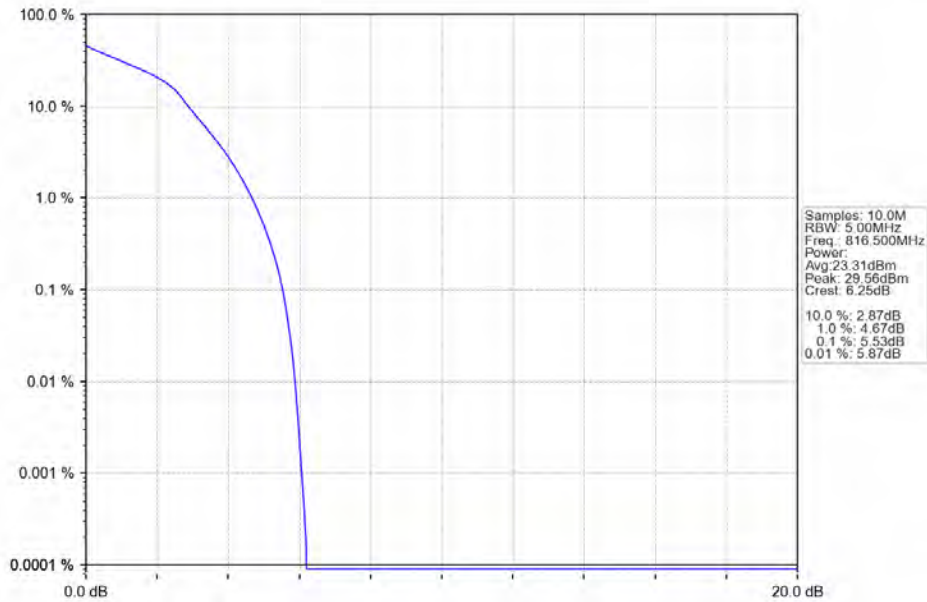
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Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



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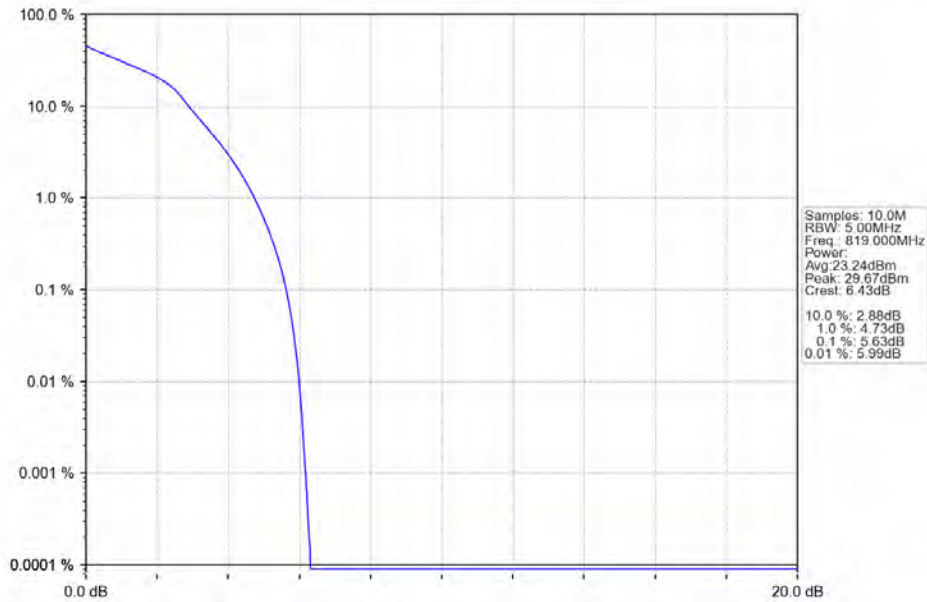
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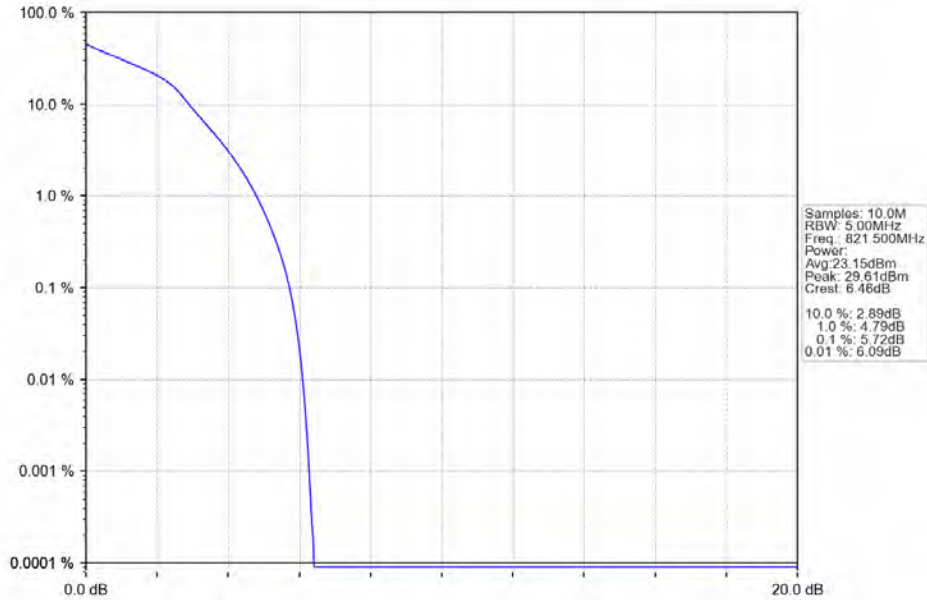
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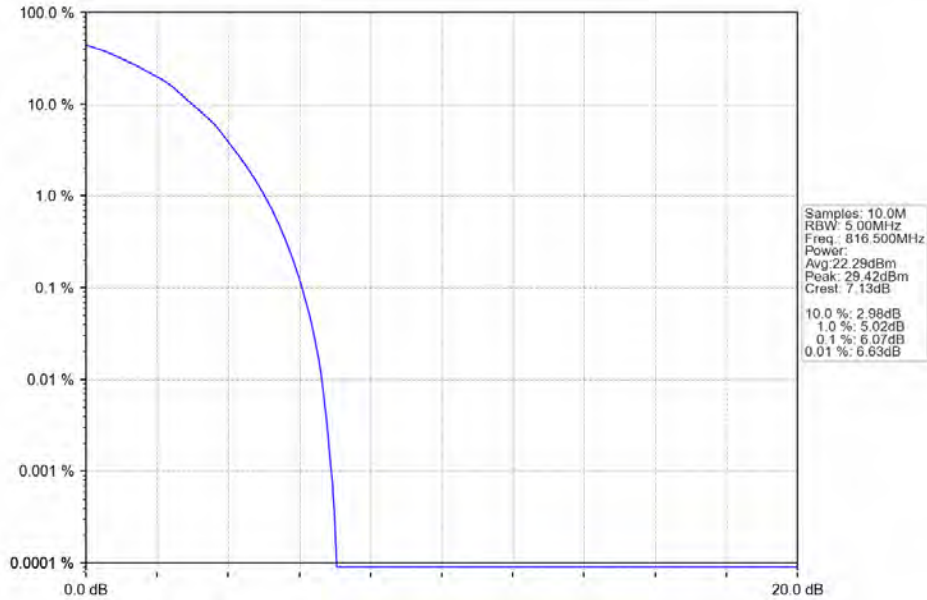
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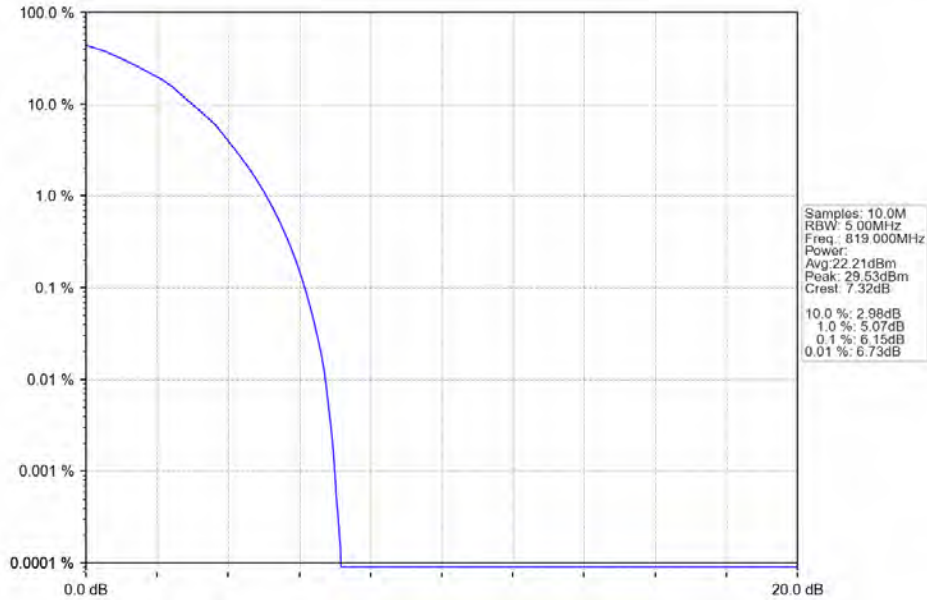
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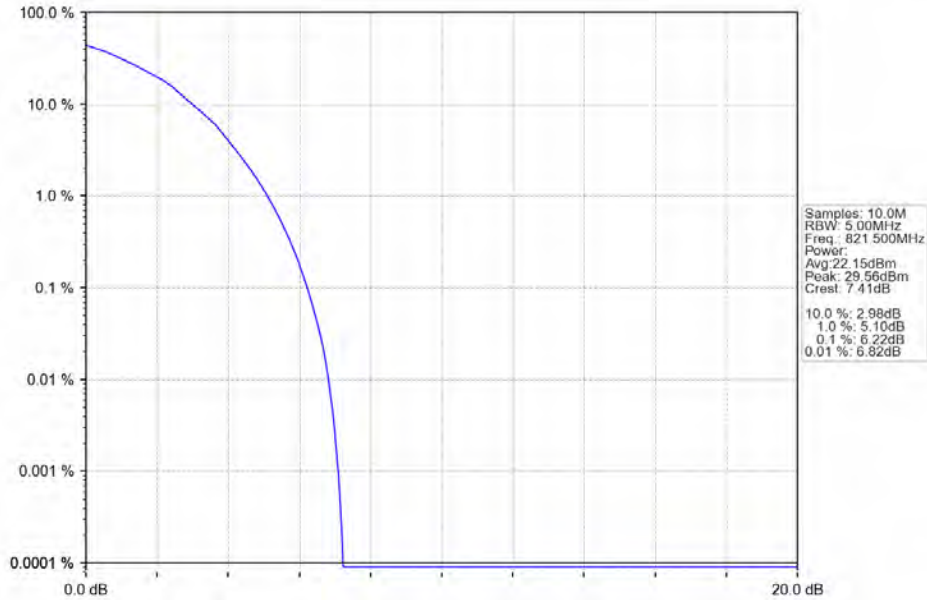
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4.4 B26a_10MHz

4.4.1 Test Result

Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	4.83	<=13	Pass
16QAM	819	50	0	5.65	<=13	Pass
64QAM	819	50	0	6.15	<=13	Pass



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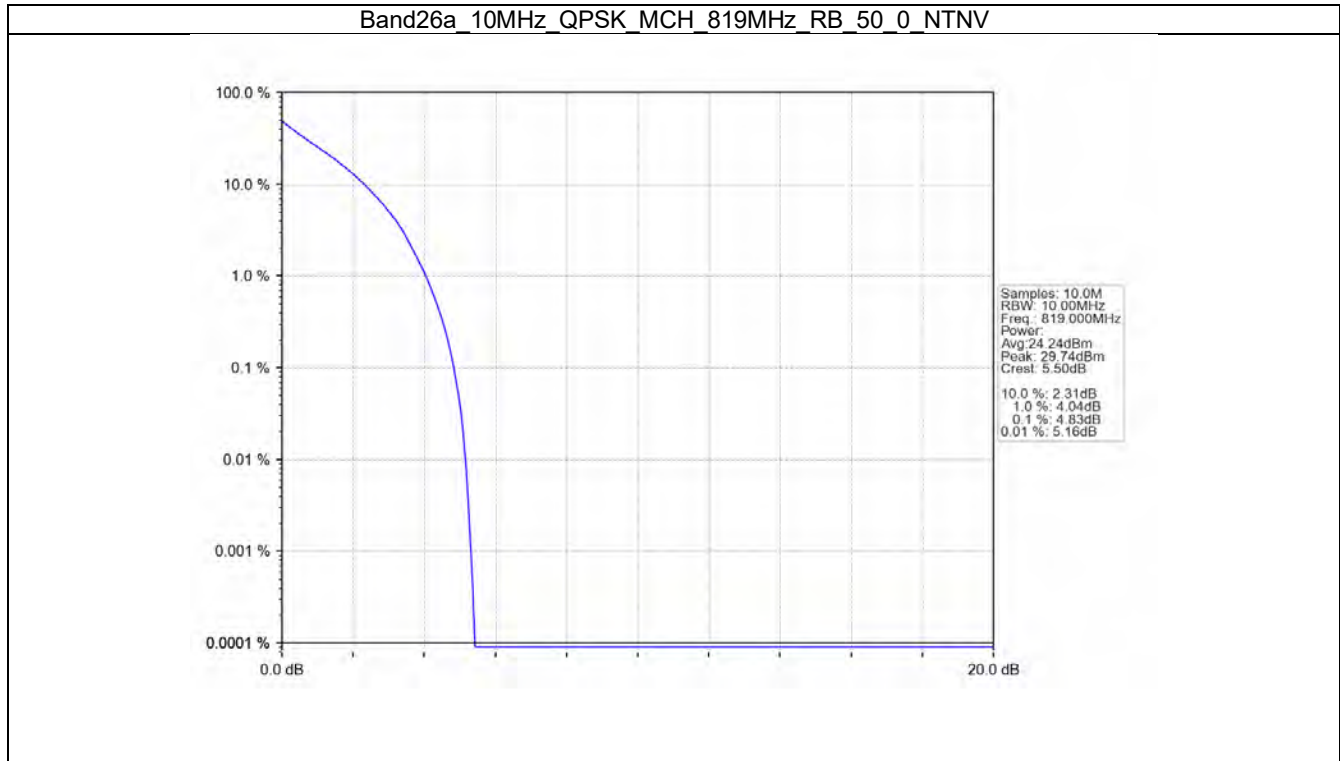
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4.4.2 Test Graph



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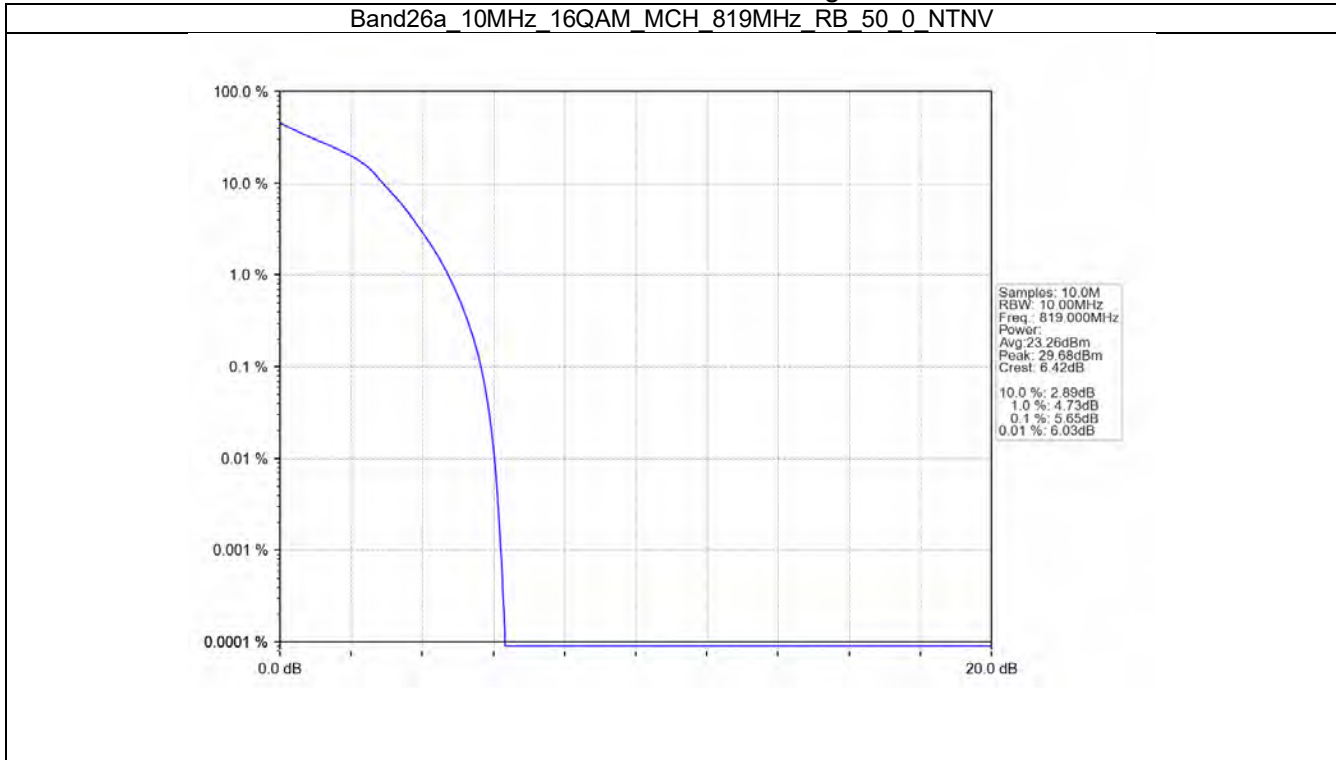
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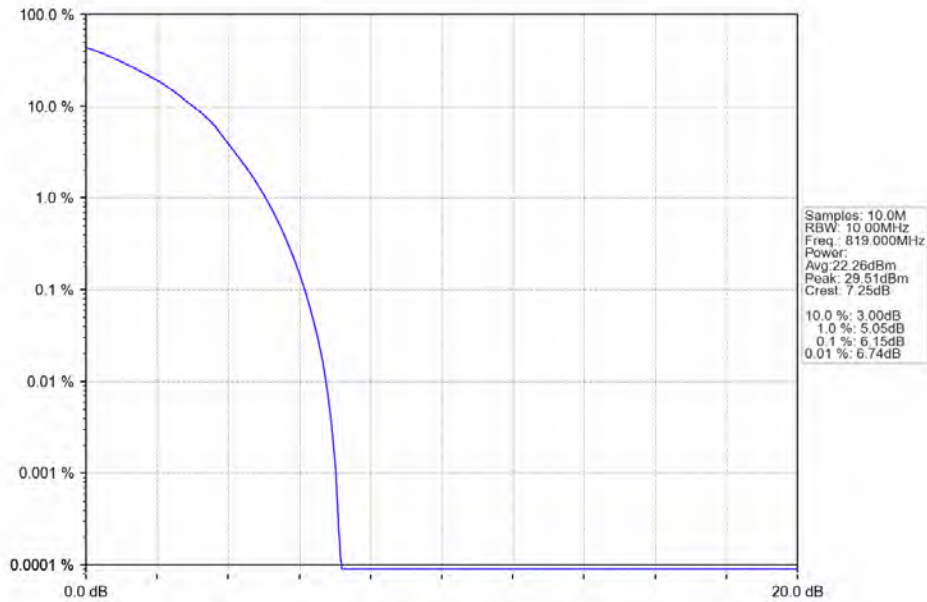
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Report No.: SEWM2311000454RG01

Rev.: 01

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5. Spurious Emission & Band Edges

5.1 B26a_1.4MHz

5.1.1 Test Result

Band: 26a / Bandwidth: 1.4MHz / NTNV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	814.7	1	0	Refer To Test Graph		Pass	
		6	0	Refer To Test Graph		Pass	
	819	1	0	Refer To Test Graph		Pass	
		823.3	1	0	Refer To Test Graph		Pass
				5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass	
16QAM	814.7	1	0	Refer To Test Graph		Pass	
		6	0	Refer To Test Graph		Pass	
	819	1	0	Refer To Test Graph		Pass	
		823.3	1	0	Refer To Test Graph		Pass
				5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass	
64QAM	814.7	1	0	Refer To Test Graph		Pass	
		6	0	Refer To Test Graph		Pass	
	819	1	0	Refer To Test Graph		Pass	
		823.3	1	0	Refer To Test Graph		Pass
				5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass	

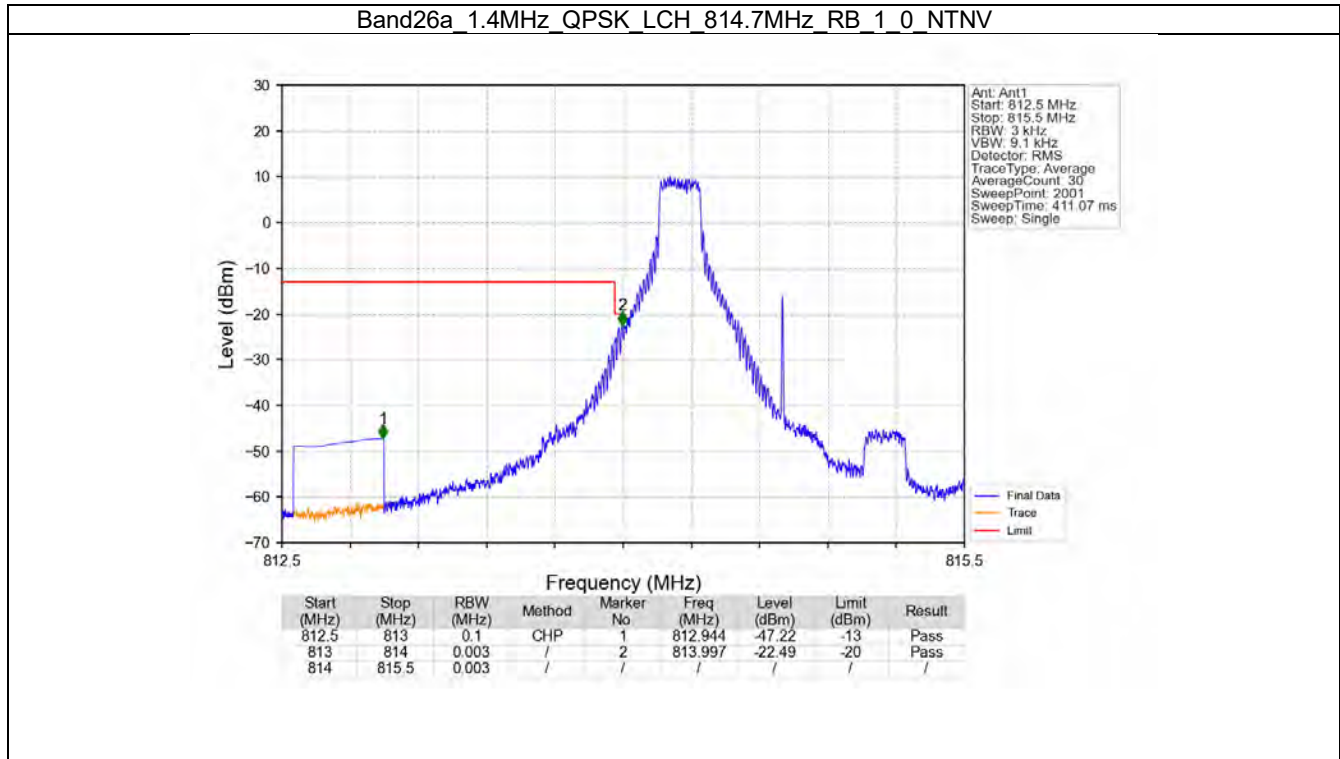


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5.1.2 Test Graph



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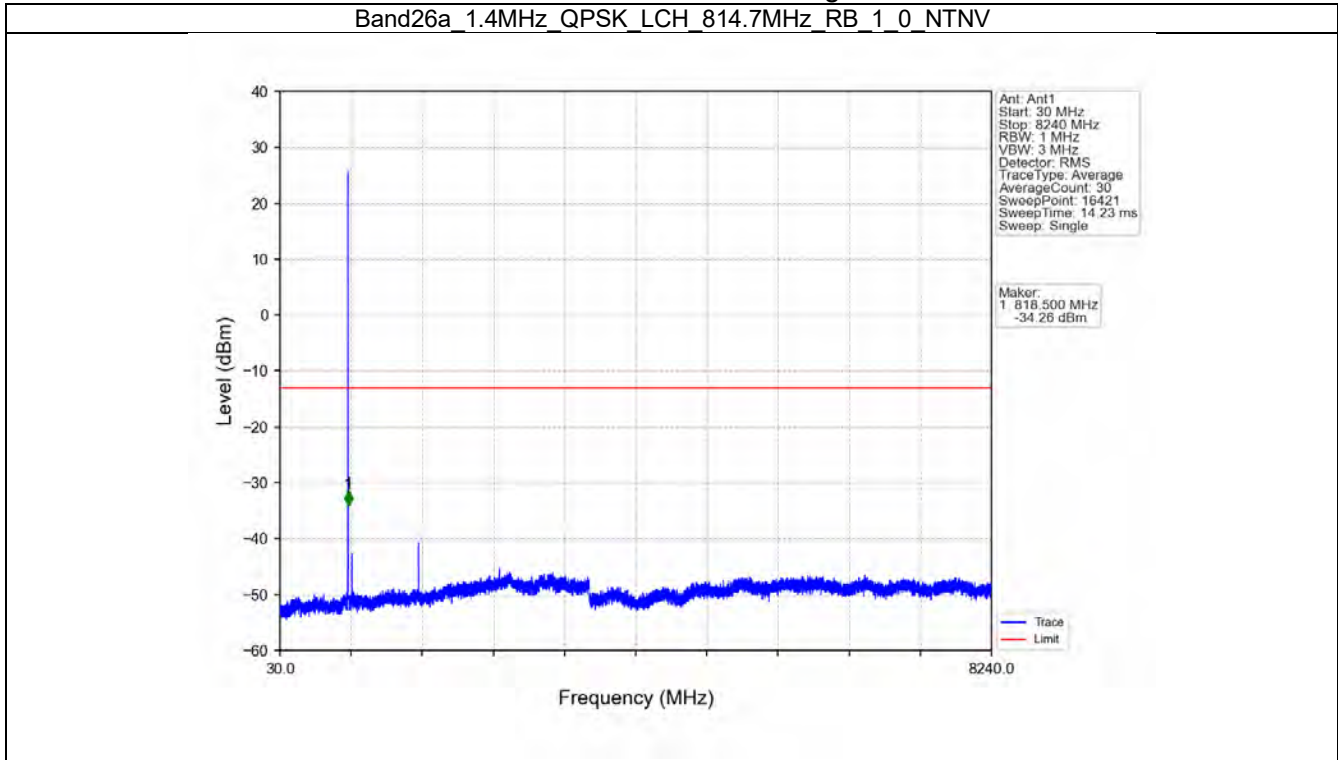
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Band26a 1.4MHz QPSK LCH 814.7MHz_RB_1_0_NTNV



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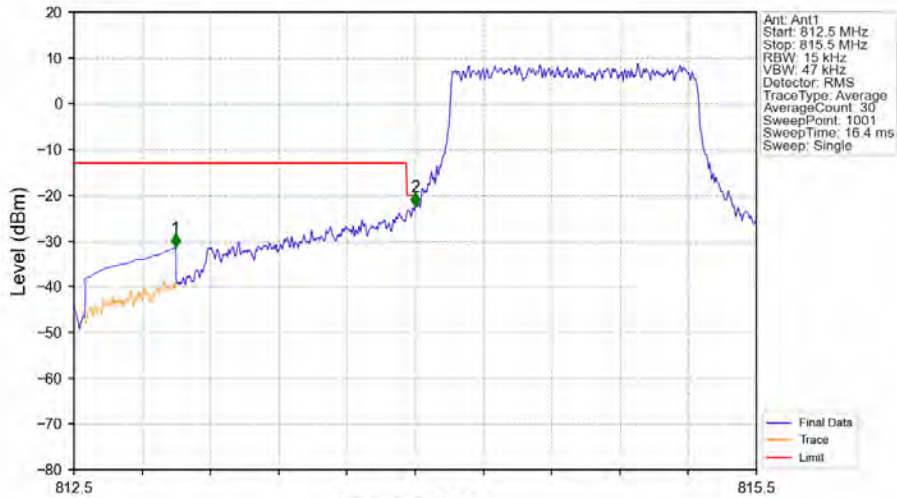
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813	0.1	CHP	1	812.947	-31.55	-13	Pass
813	814	0.015	/	2	814.000	-22.47	-20	Pass
814	815.5	0.015	/	/	/	/	/	/



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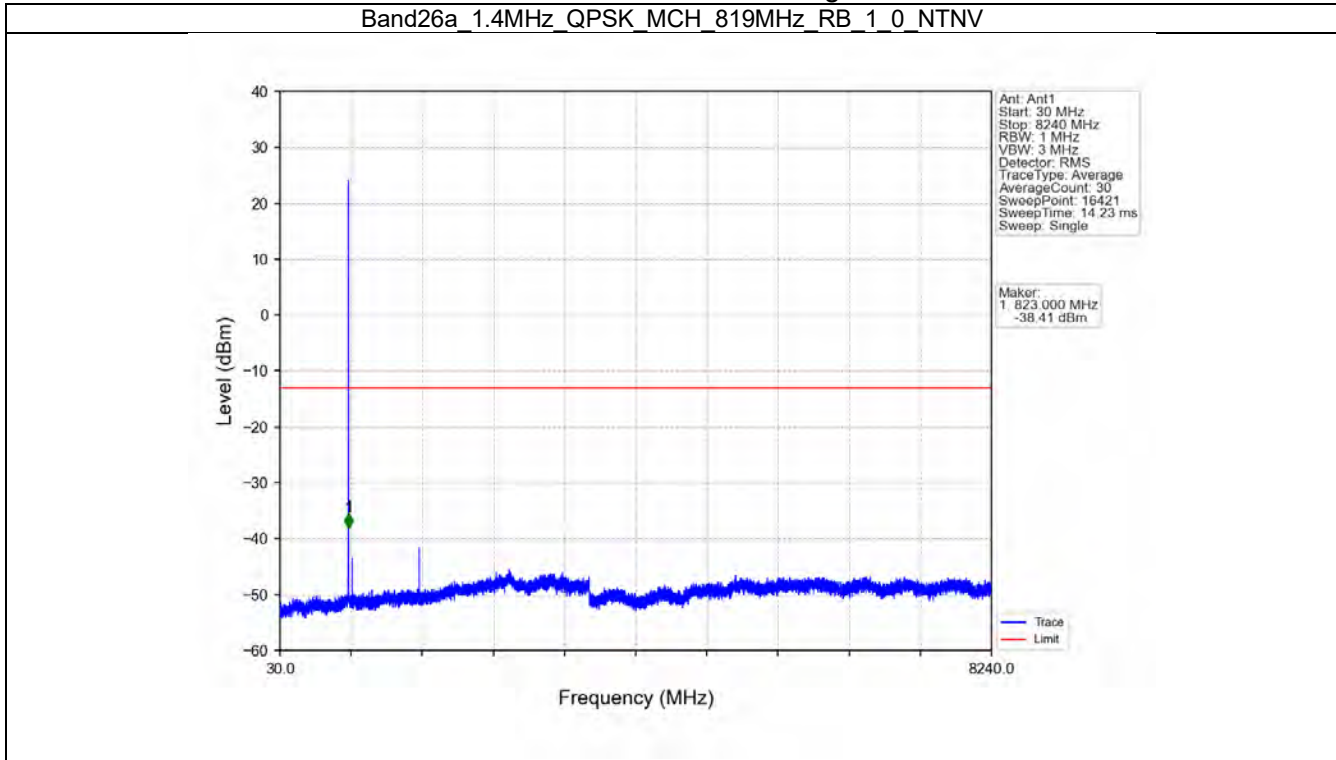
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Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



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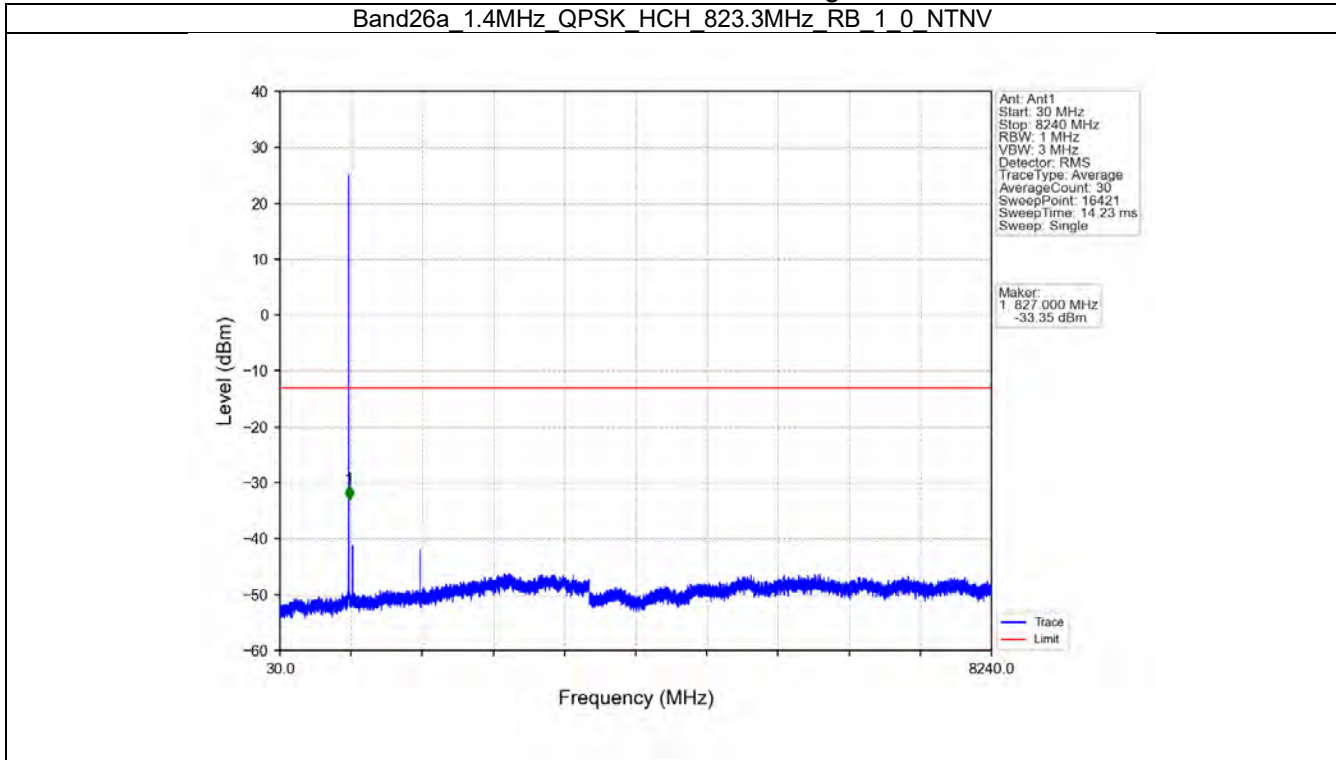
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Band26a 1.4MHz QPSK HCH 823.3MHz_RB_1_0_NTNV



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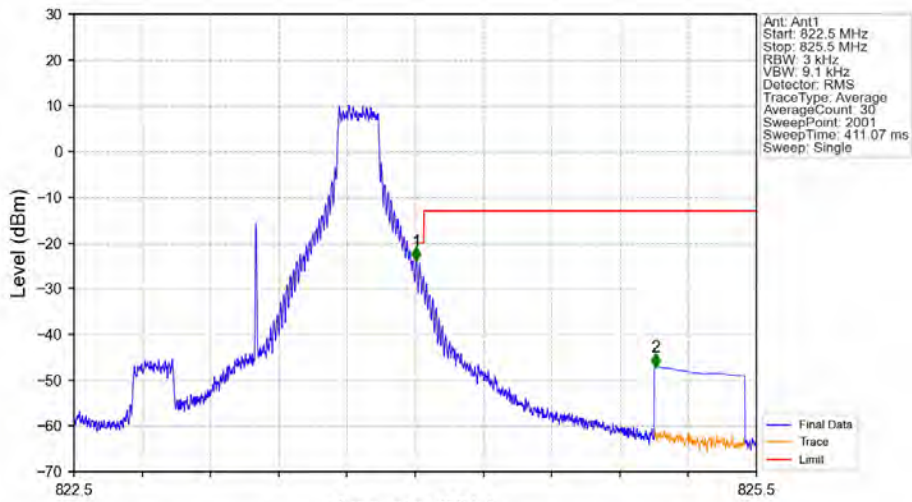
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.005	-24.00	-20	Pass
825	825.5	0.1	CHP	2	825.056	-47.19	-13	Pass

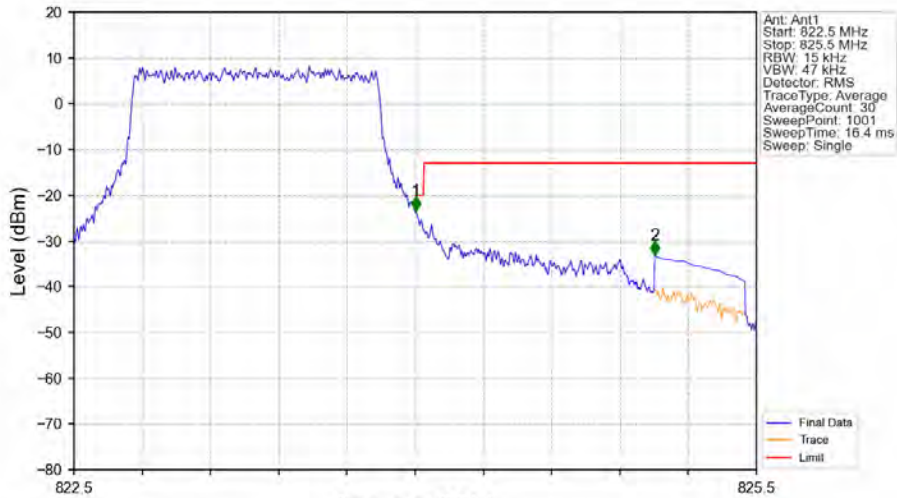


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Band26a 1.4MHz QPSK HCH 823.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.015	/	/	/	/	/	/
824	825	0.015	/	1	824.003	-23.38	-20	Pass
825	825.5	0.1	CHP	2	825.053	-33.16	-13	Pass



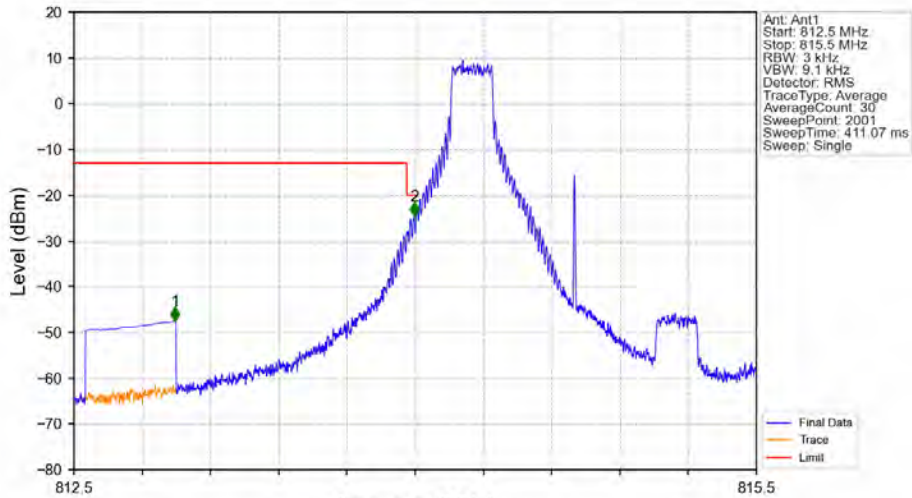
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Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813	0.1	CHP	1	812.944	-47.54	-13	Pass
813	814	0.003	/	2	813.995	-24.61	-20	Pass
814	815.5	0.003	/	/	/	/	/	/



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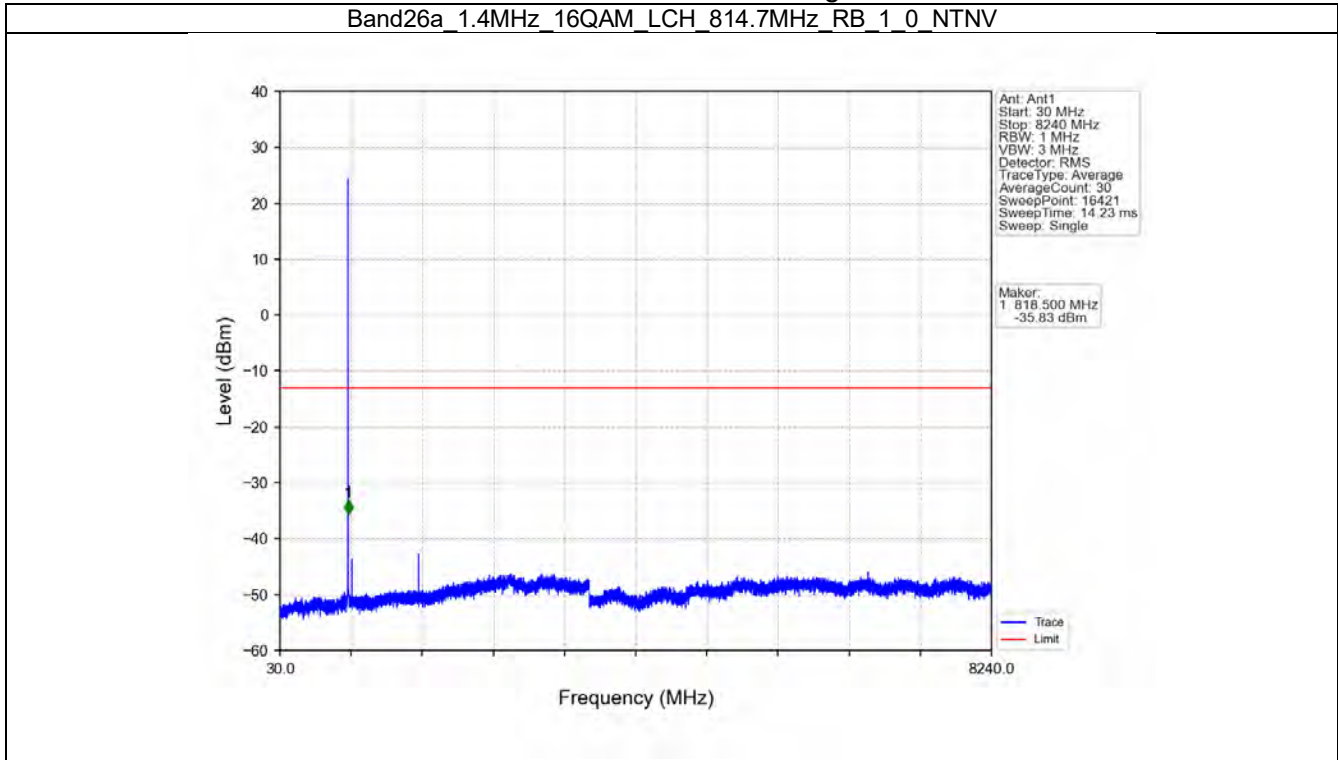
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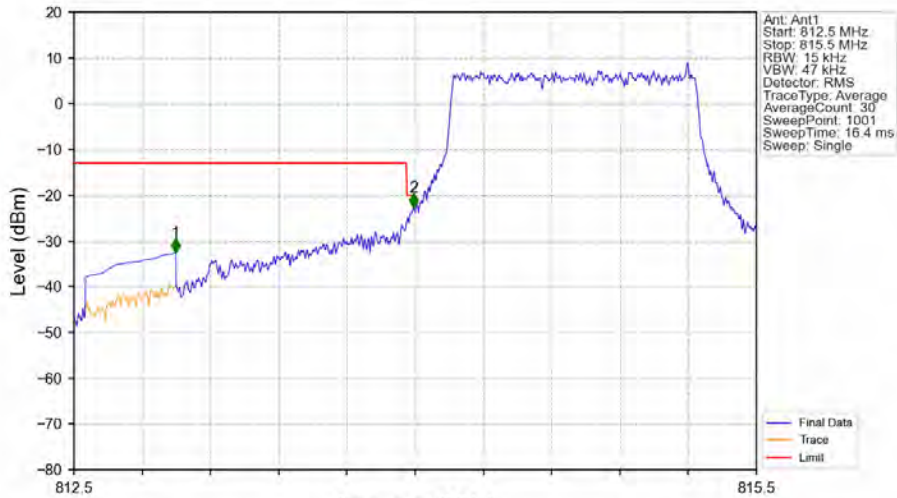
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813	0.1	CHP	1	812.947	-32.53	-13	Pass
813	814	0.015	/	2	813.994	-22.74	-20	Pass
814	815.5	0.015	/	/	/	/	/	/



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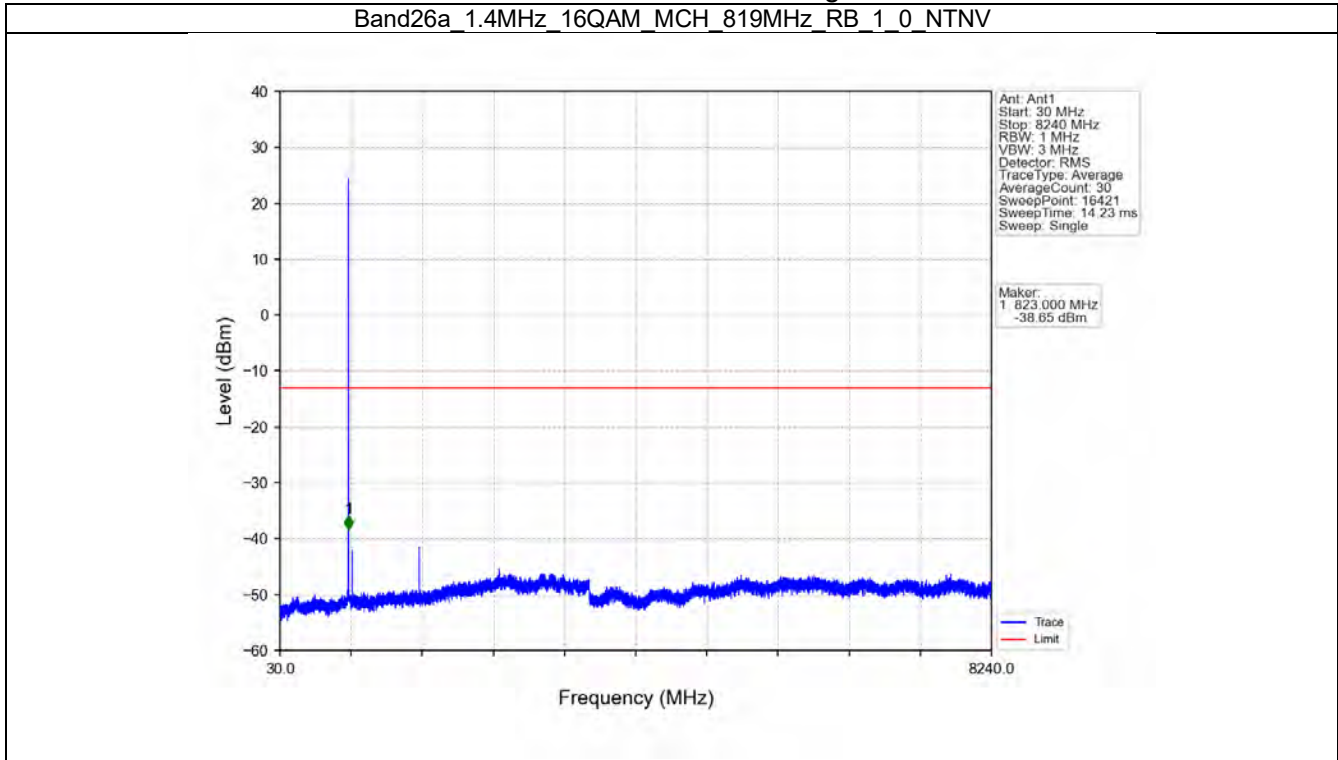
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Band26a 1.4MHz 16QAM MCH 819MHz_RB_1_0_NTNV



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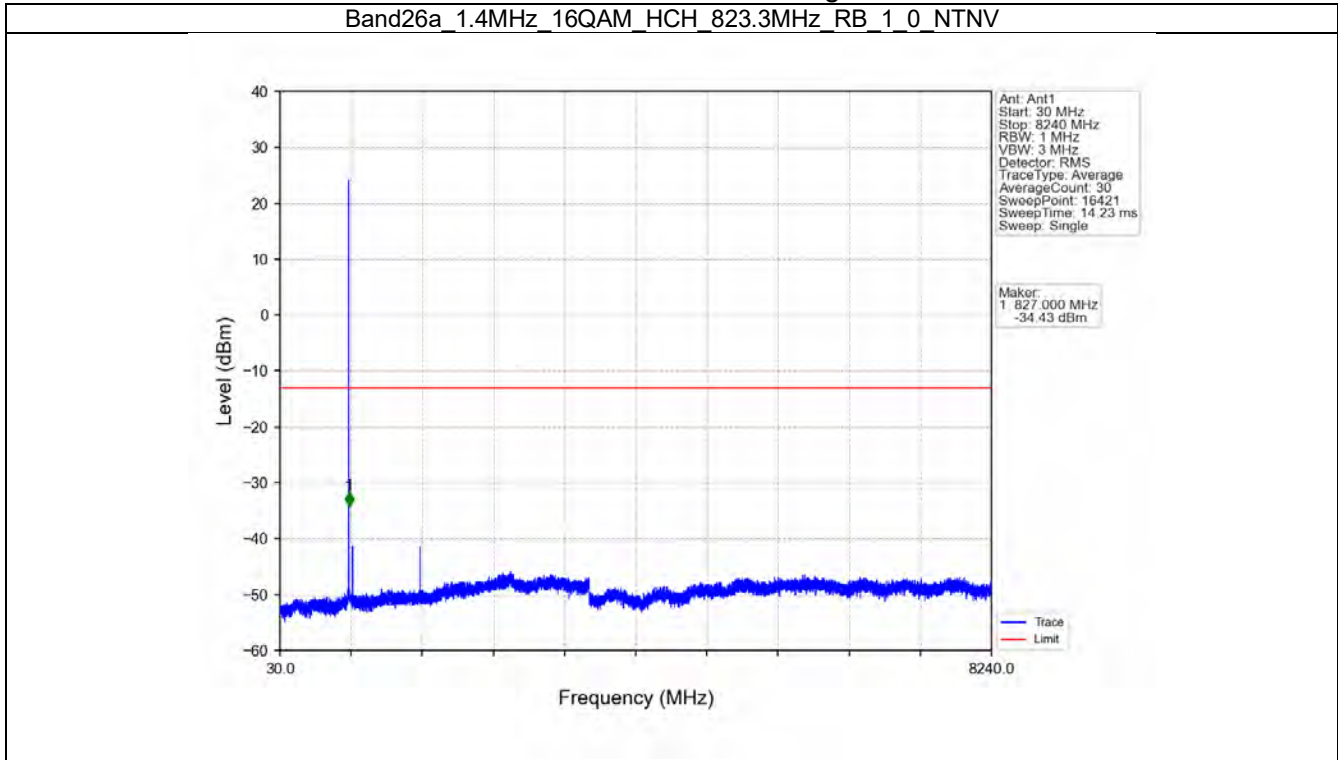
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Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_1_0_NTNV



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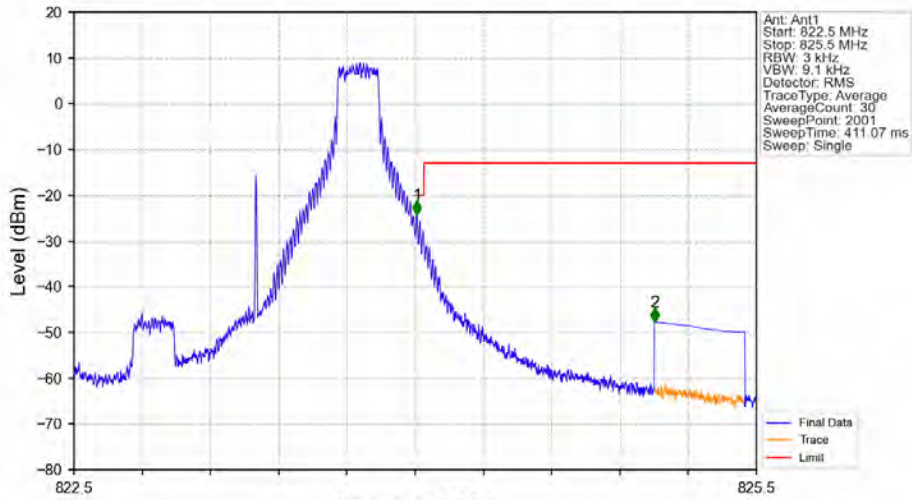
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Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.008	-24.35	-20	Pass
825	825.5	0.1	CHP	2	825.053	-47.77	-13	Pass



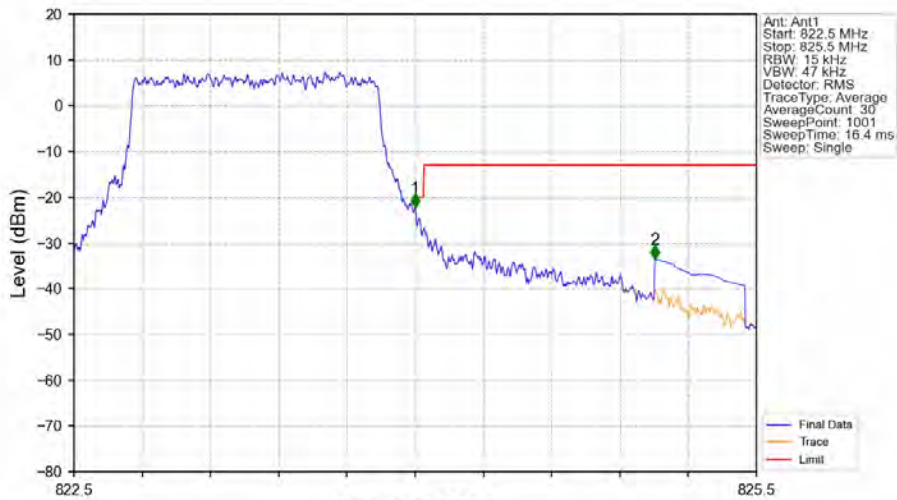
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Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.015	/	/	824.000	-22.29	-20	Pass
824	825	0.015	/	/	825.053	-33.66	-13	Pass
825	825.5	0.1	CHP	2				



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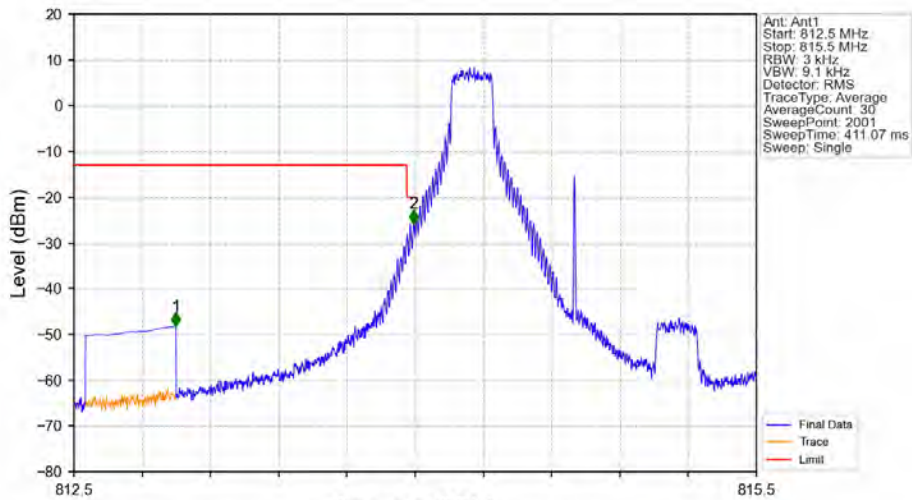
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813	0.1	CHP	1	812.948	-48.21	-13	Pass
813	814	0.003	/	2	813.994	-25.76	-20	Pass
814	815.5	0.003	/	/	/	/	/	/



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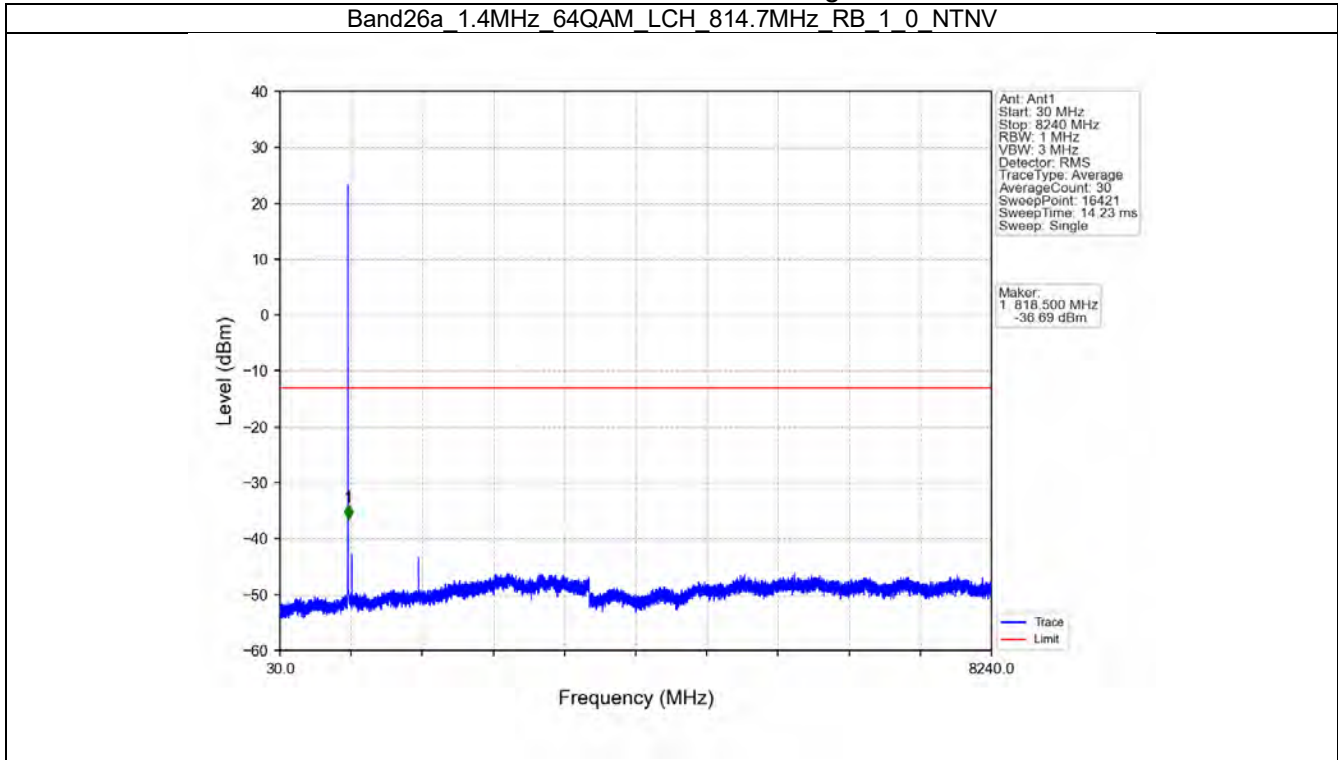
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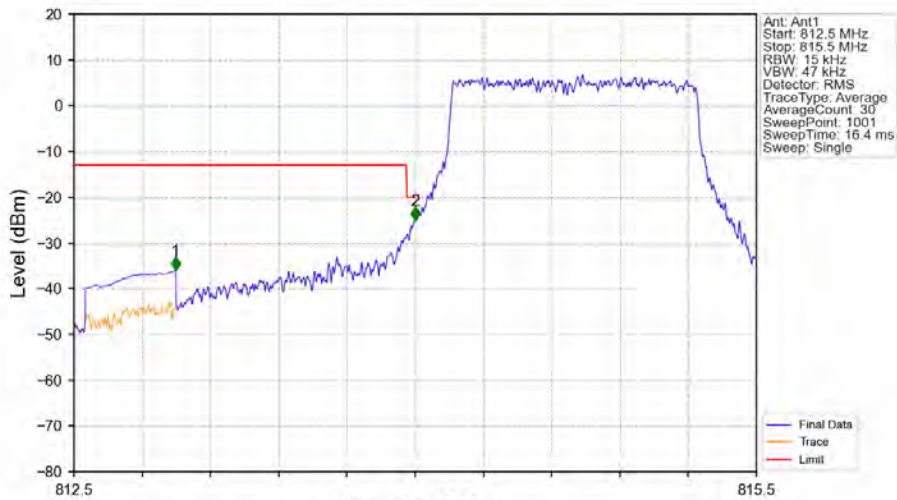
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813	0.1	CHP	1	812.947	-36.07	-13	Pass
813	814	0.015	/	2	814.000	-25.10	-20	Pass
814	815.5	0.015	/	/	/	/	/	/



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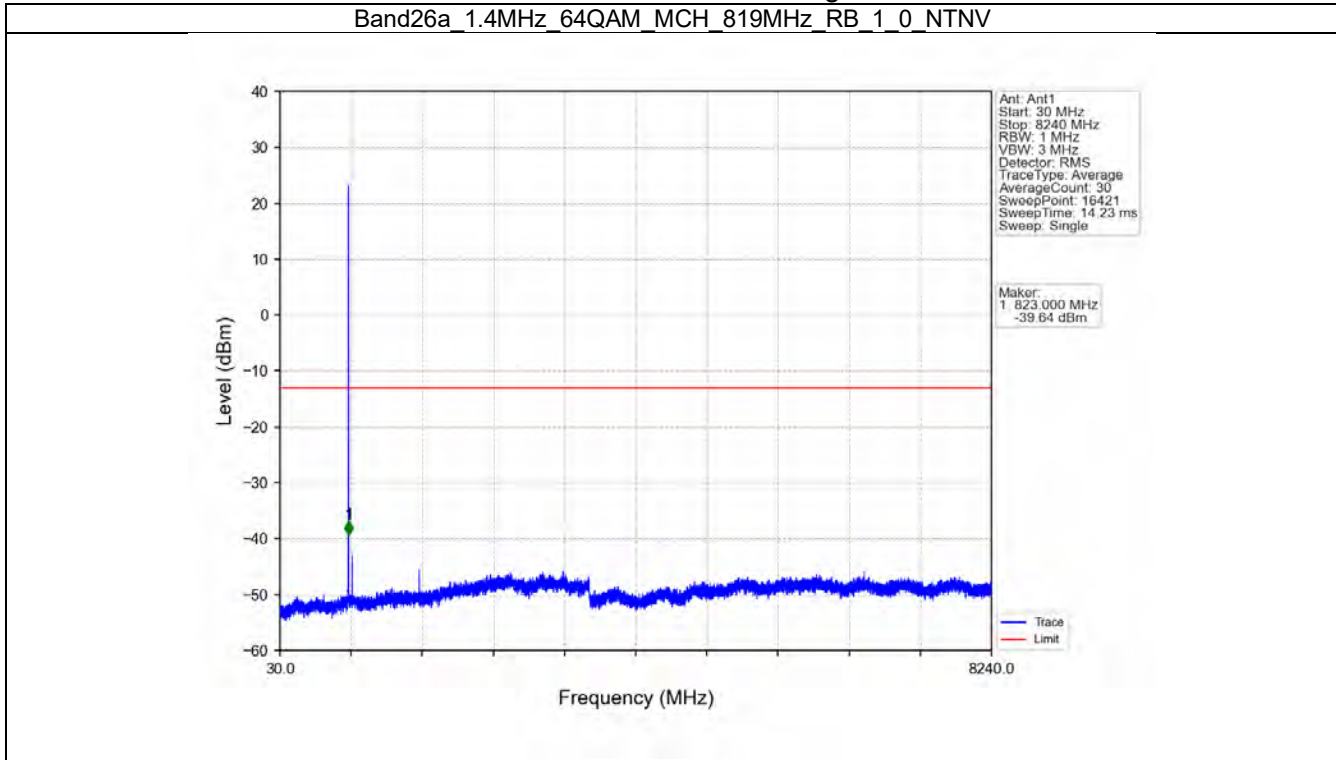
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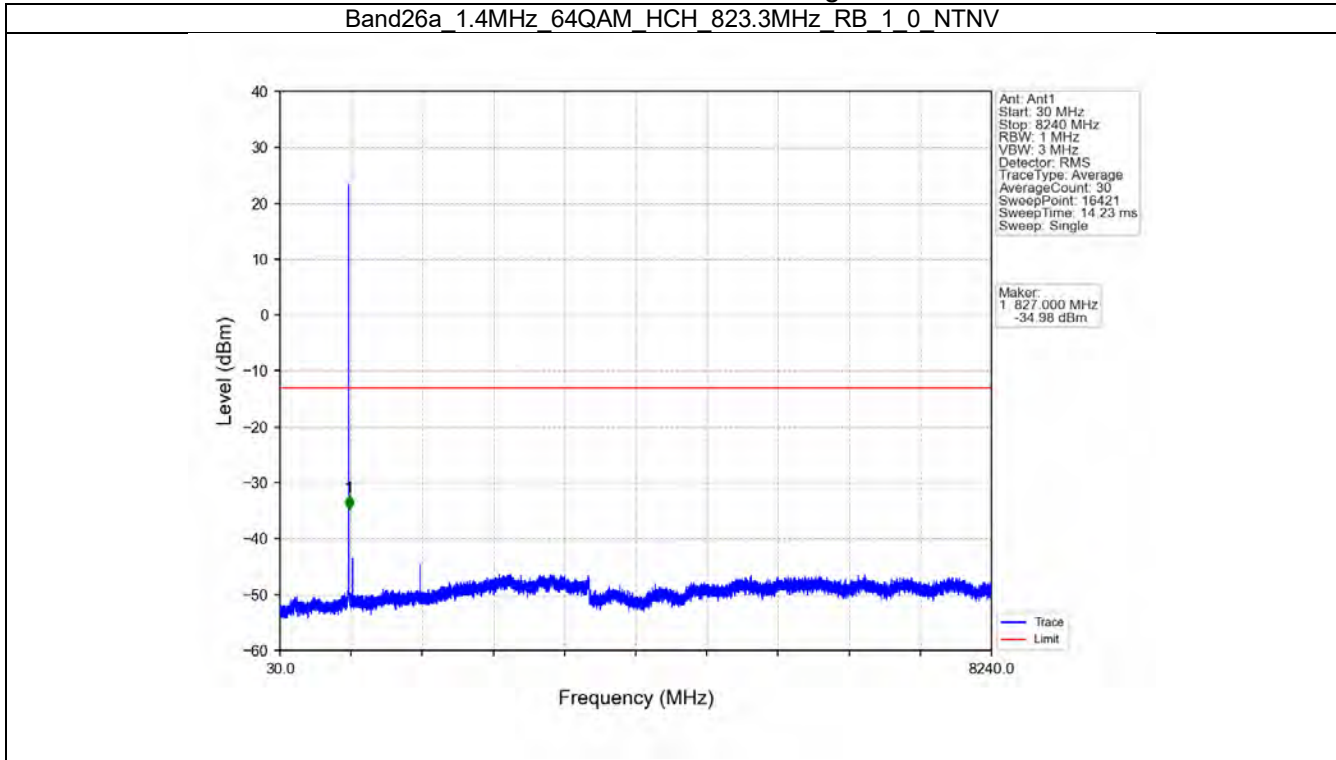
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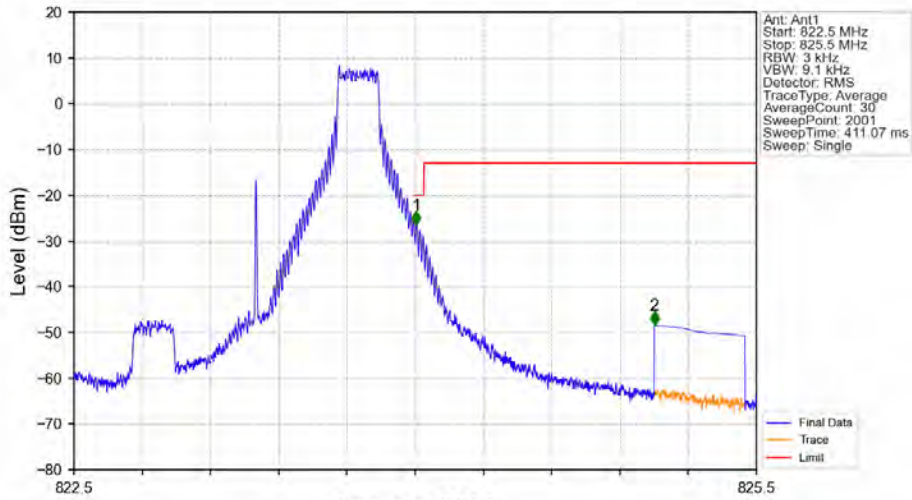
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.005	-26.53	-20	Pass
825	825.5	0.1	CHP	2	825.052	-48.50	-13	Pass



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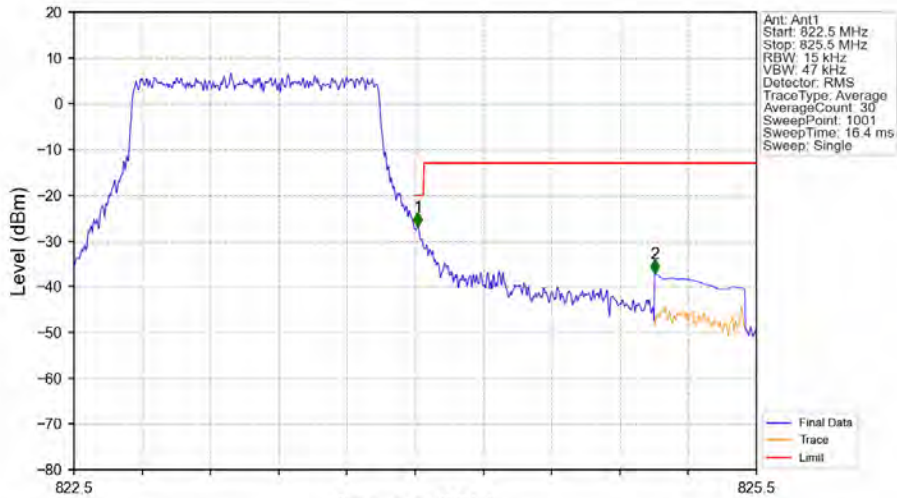
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.015	/	/	/	/	/	/
824	825	0.015	/	1	824.012	-26.92	-20	Pass
825	825.5	0.1	CHP	2	825.053	-37.17	-13	Pass



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5.2 B26a_3MHz

5.2.1 Test Result

Band: 26a / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	822.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	815.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	822.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
64QAM	815.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	822.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass



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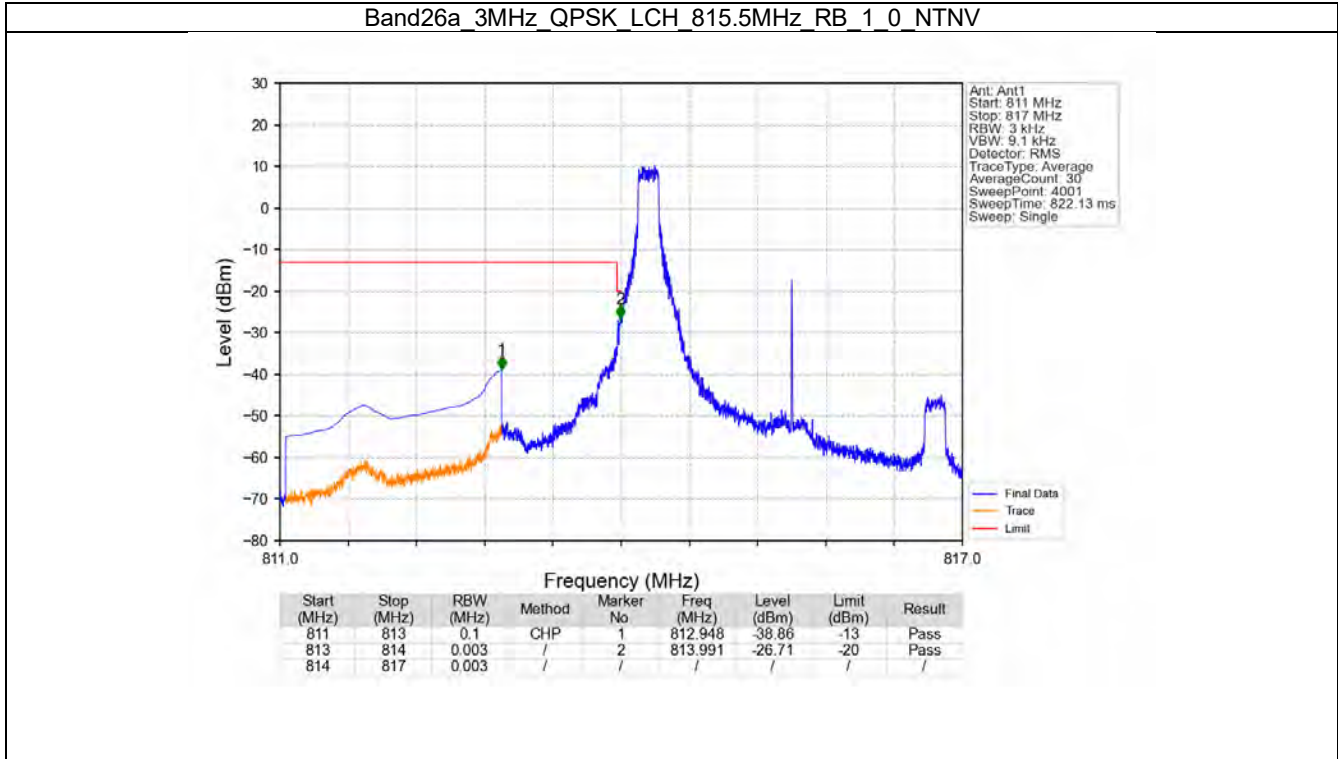
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5.2.2 Test Graph



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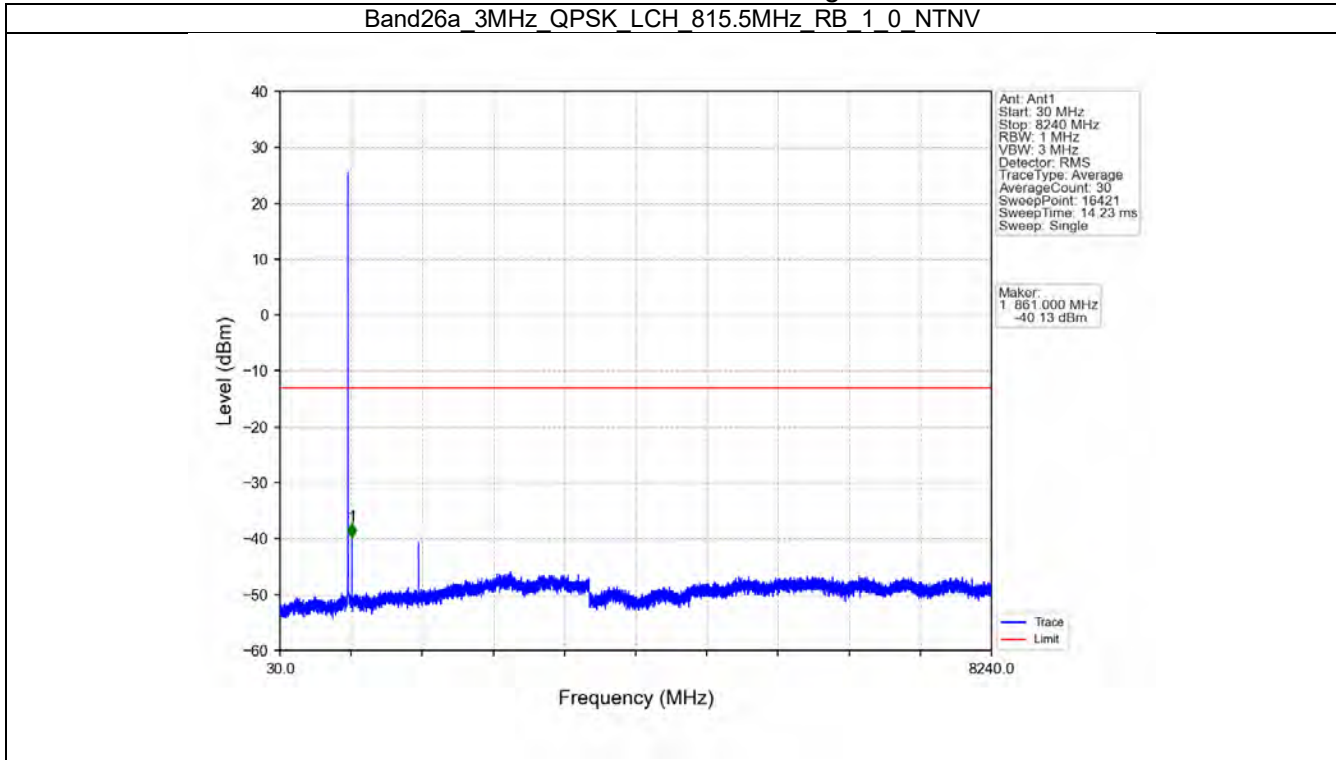
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Band26a_3MHz_QPSK_LCH_815.5MHz_RB_1_0_NTNV



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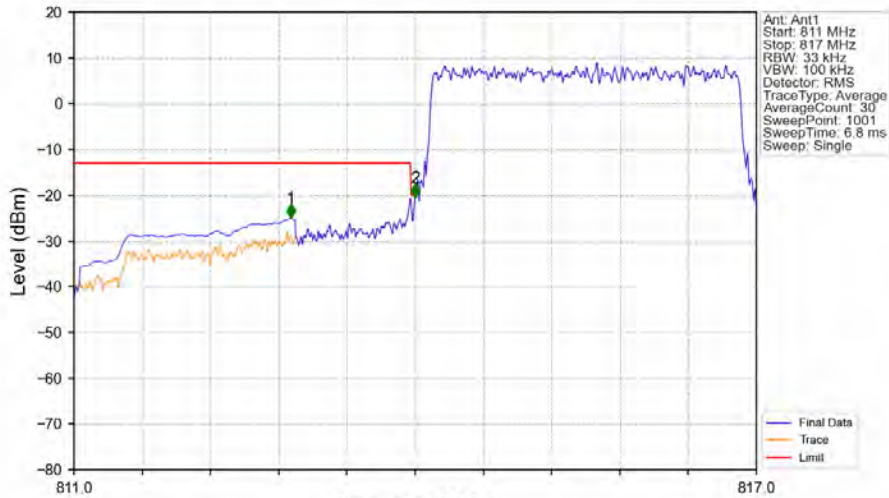
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.908	-25.05	-13	Pass
813	814	0.033	/	2	814.000	-20.52	-20	Pass
814	817	0.033	/	/	/	/	/	/



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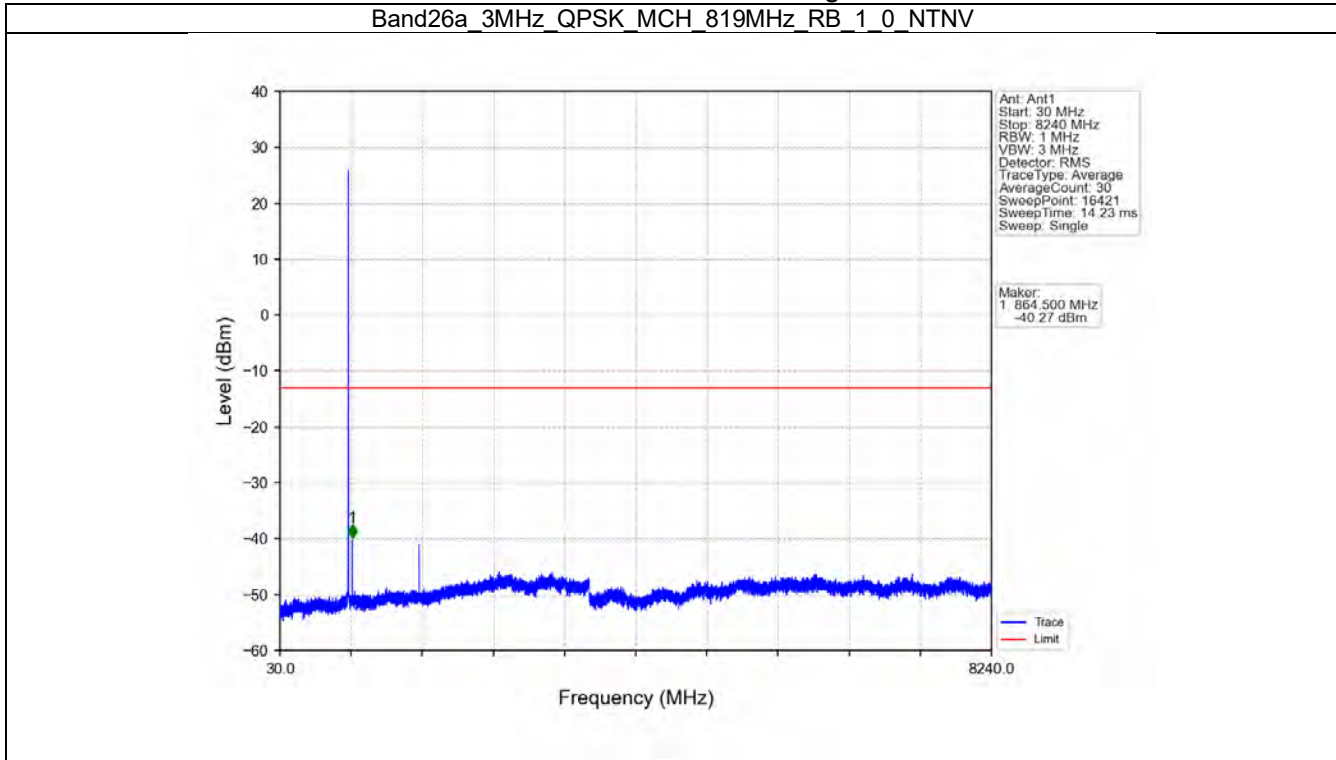
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Band26a 3MHz QPSK MCH 819MHz_RB_1_0_NTNV



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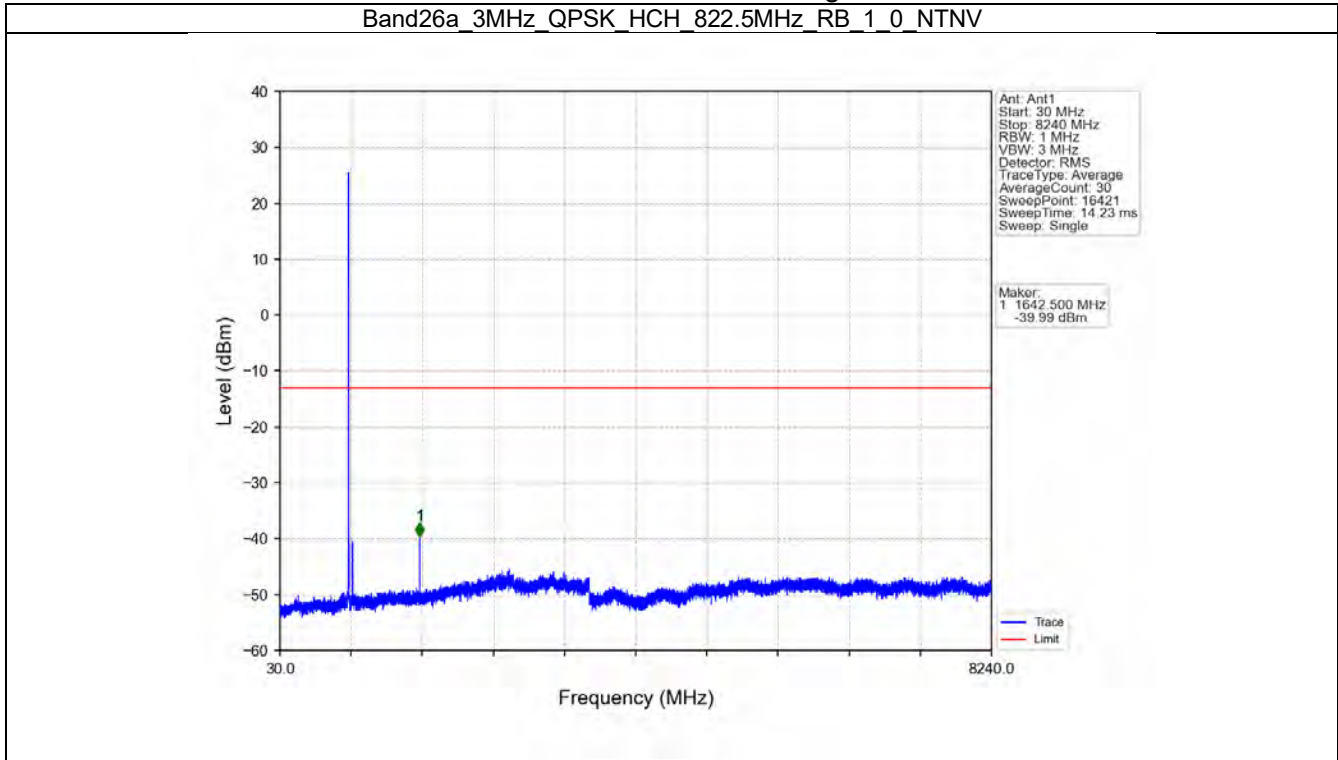
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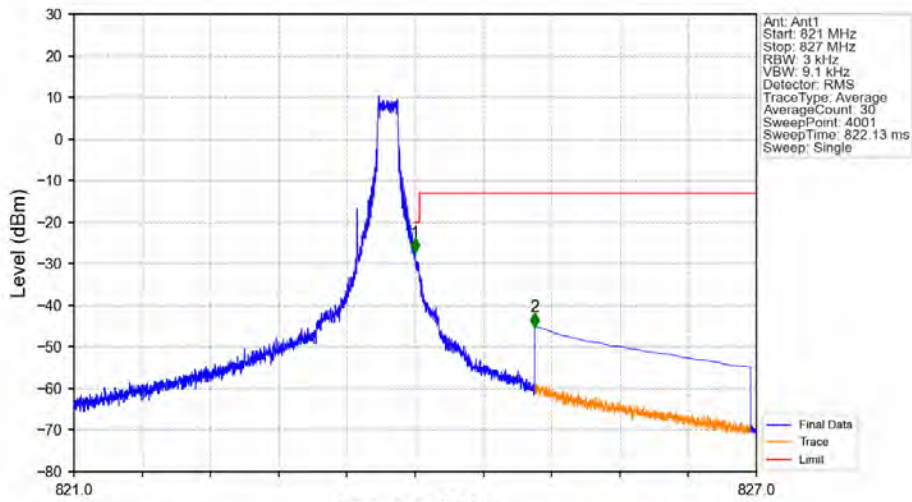
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.000	-27.30	-20	Pass
825	827	0.1	CHP	2	825.052	-45.18	-13	Pass



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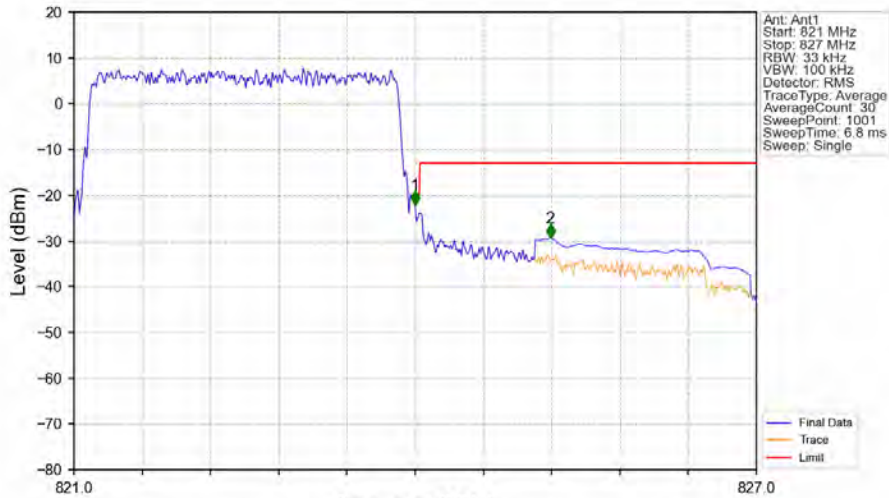
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.033	/	/	/	/	/	/
824	825	0.033	/	1	824.000	-22.13	-20	Pass
825	827	0.1	CHP	2	825.188	-29.41	-13	Pass



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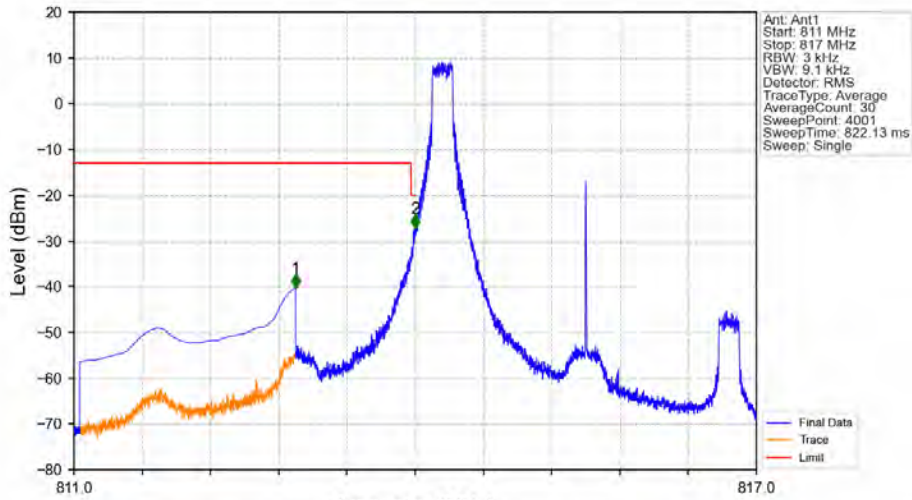
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.948	-40.28	-13	Pass
813	814	0.003	/	2	814.000	-27.26	-20	Pass
814	817	0.003	/	/	/	/	/	/



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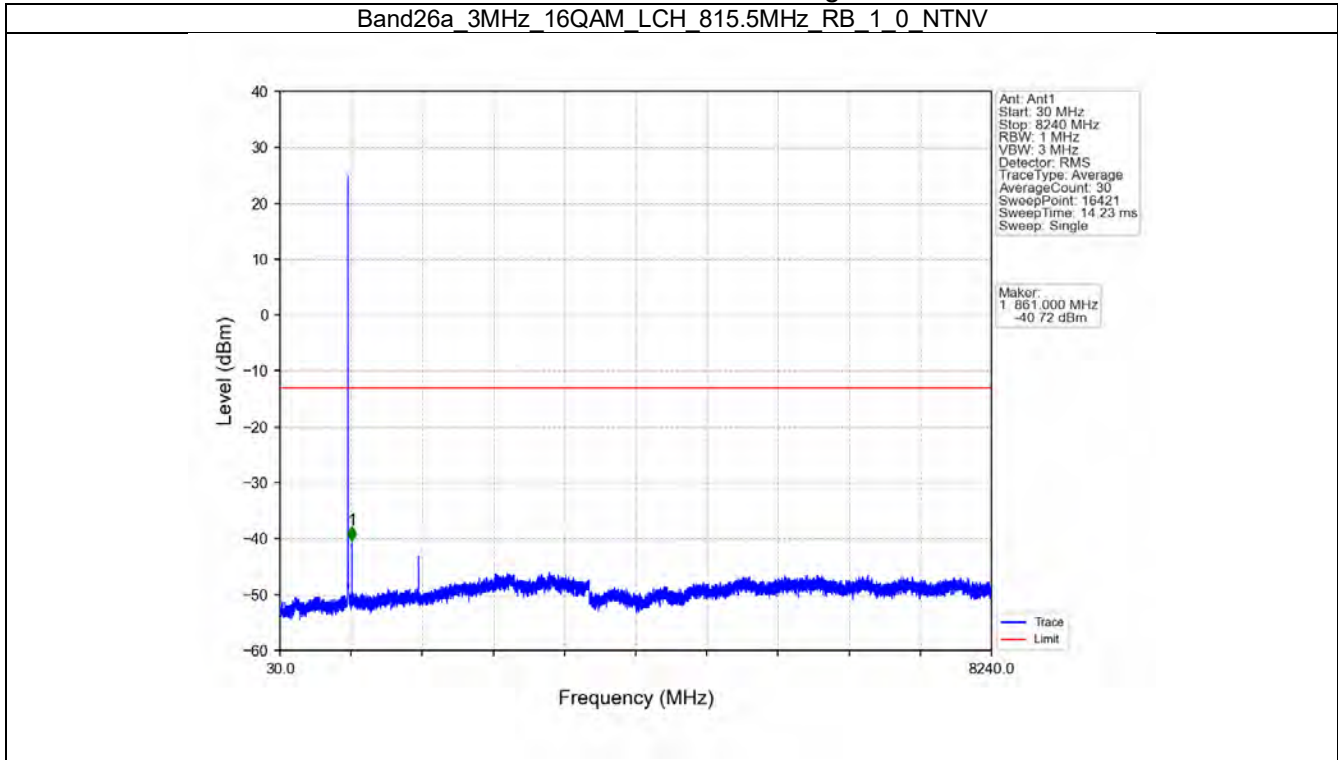
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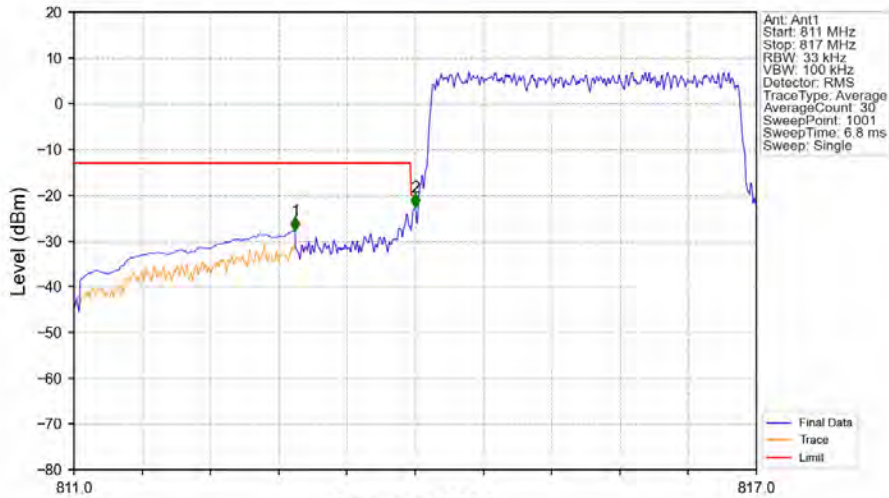
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.944	-27.75	-13	Pass
813	814	0.033	/	2	814.000	-22.65	-20	Pass
814	817	0.033	/	/	/	/	/	/



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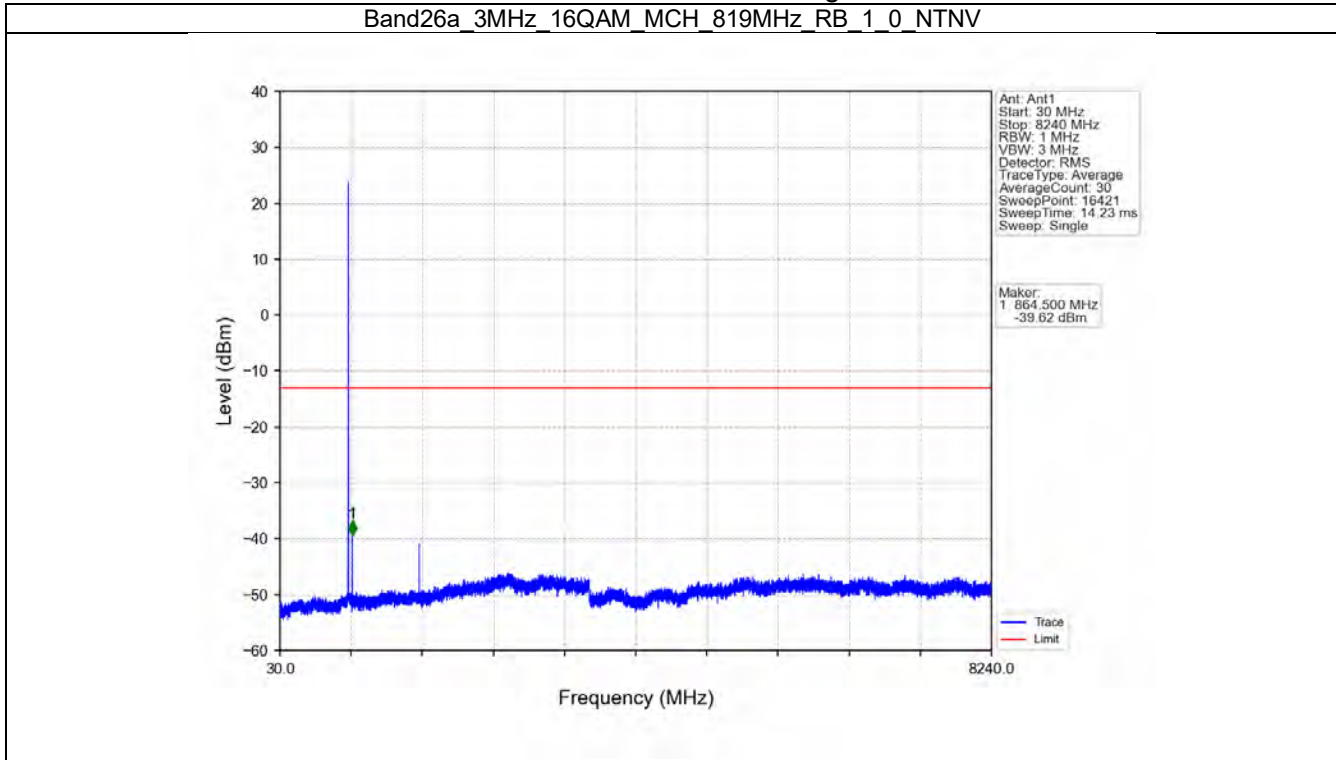
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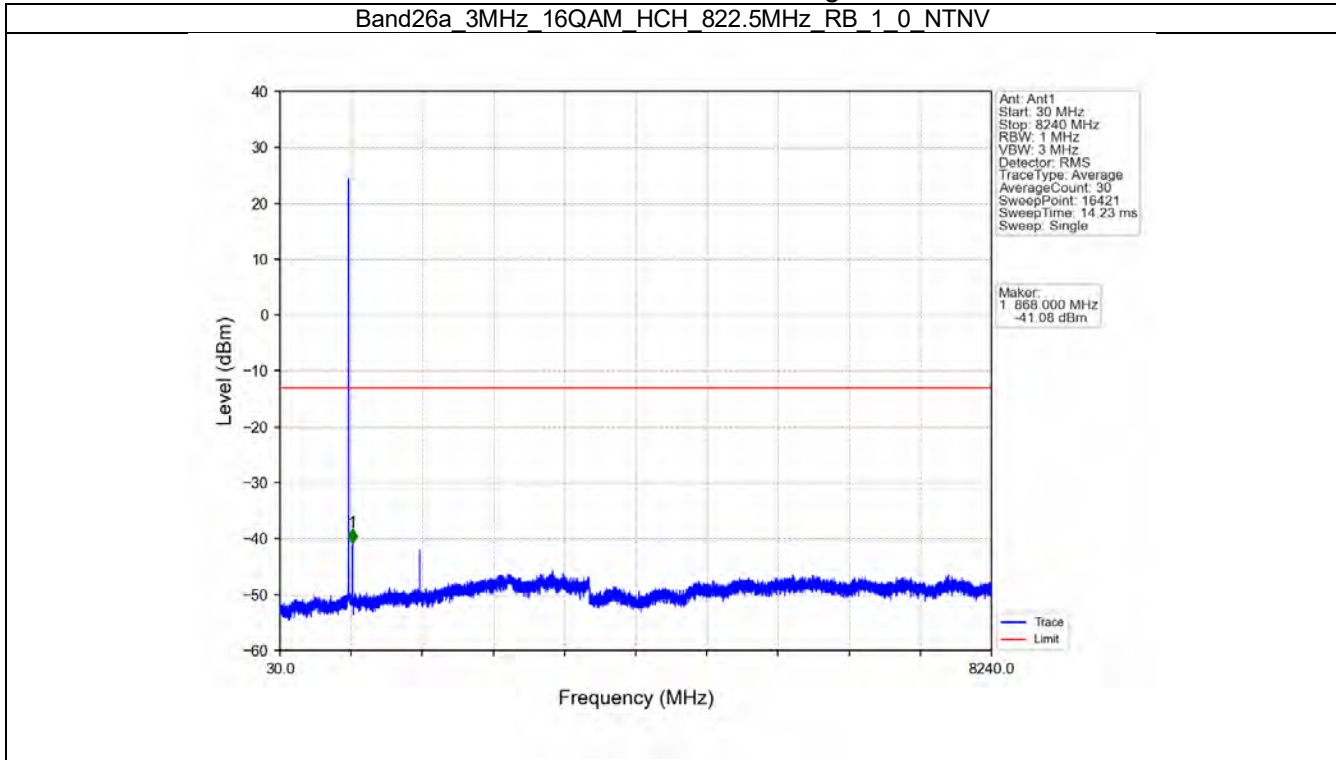
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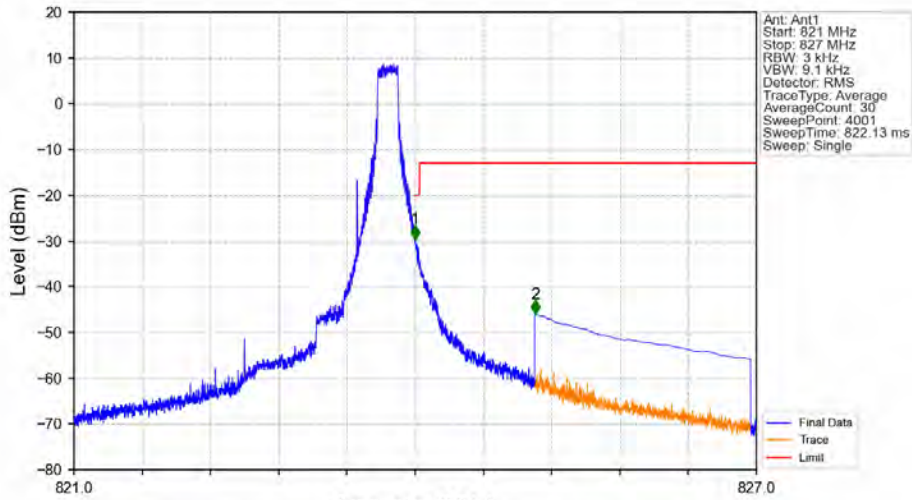
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Band26a_3MHz_16QAM_HCH_822.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.000	-29.67	-20	Pass
825	827	0.1	CHP	2	825.059	-46.02	-13	Pass



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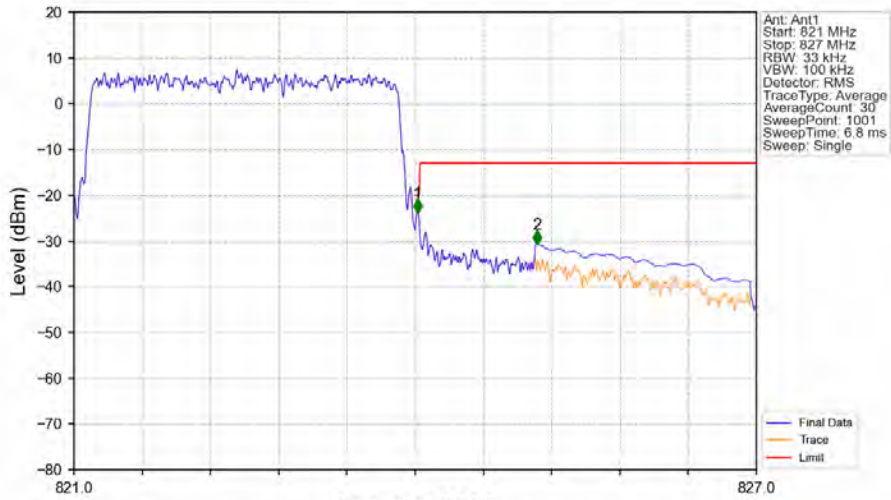
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.033	/	/	/	/	/	/
824	825	0.033	/	1	824.018	-23.91	-20	Pass
825	827	0.1	CHP	2	825.074	-30.76	-13	Pass



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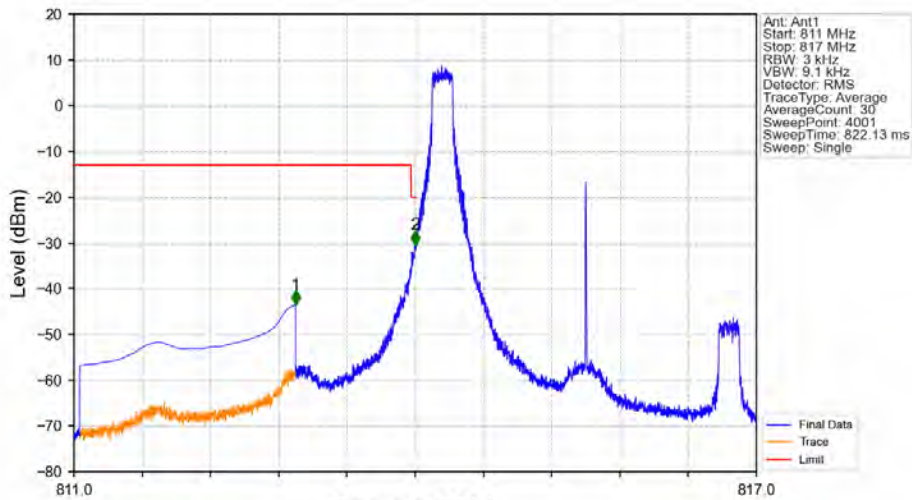
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.948	-43.44	-13	Pass
813	814	0.003	/	2	813.999	-30.35	-20	Pass
814	817	0.003	/	/	/	/	/	/



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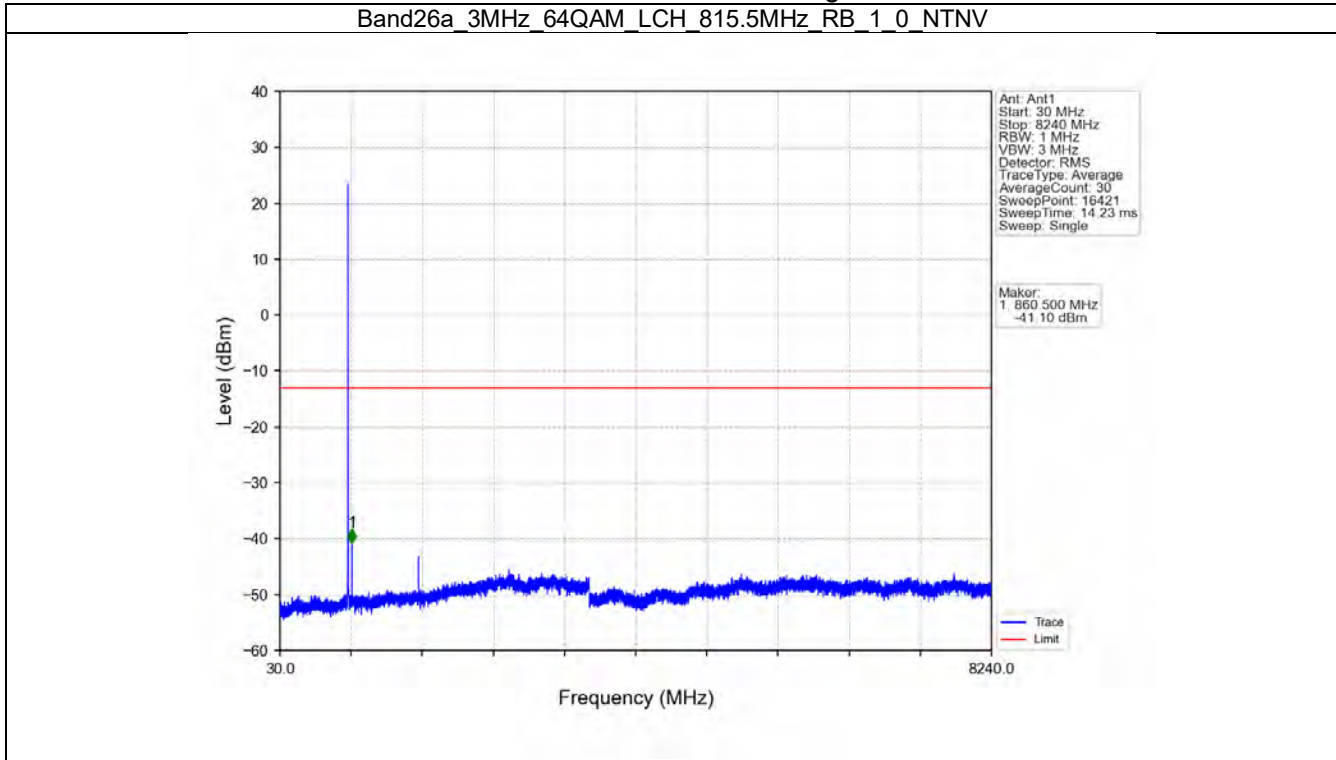
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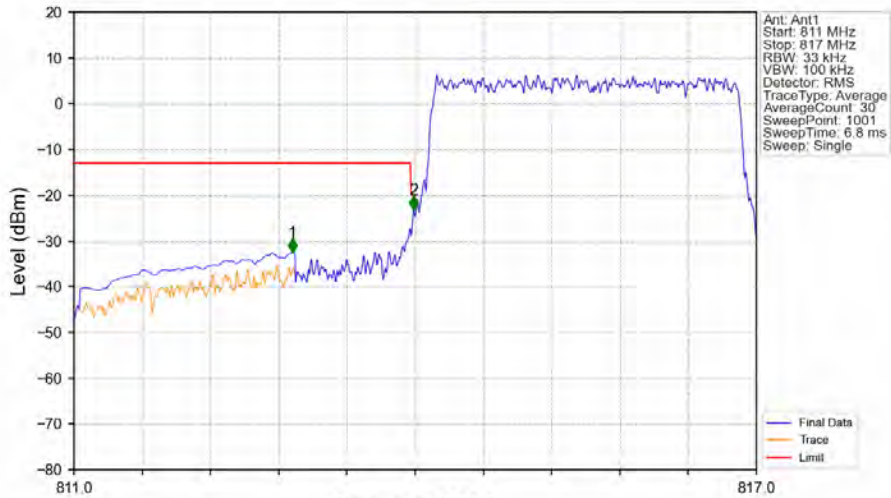
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.920	-32.57	-13	Pass
813	814	0.033	/	2	813.988	-23.17	-20	Pass
814	817	0.033	/	/	/	/	/	/



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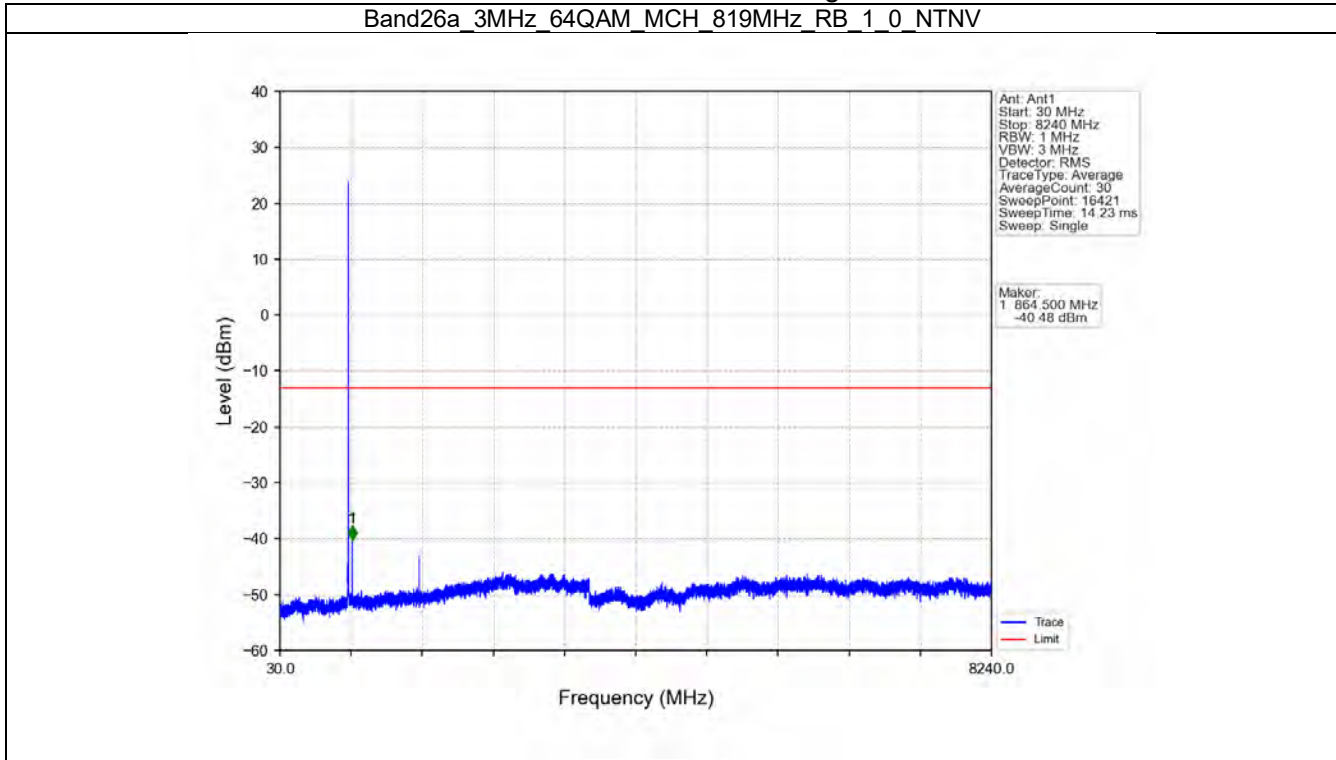
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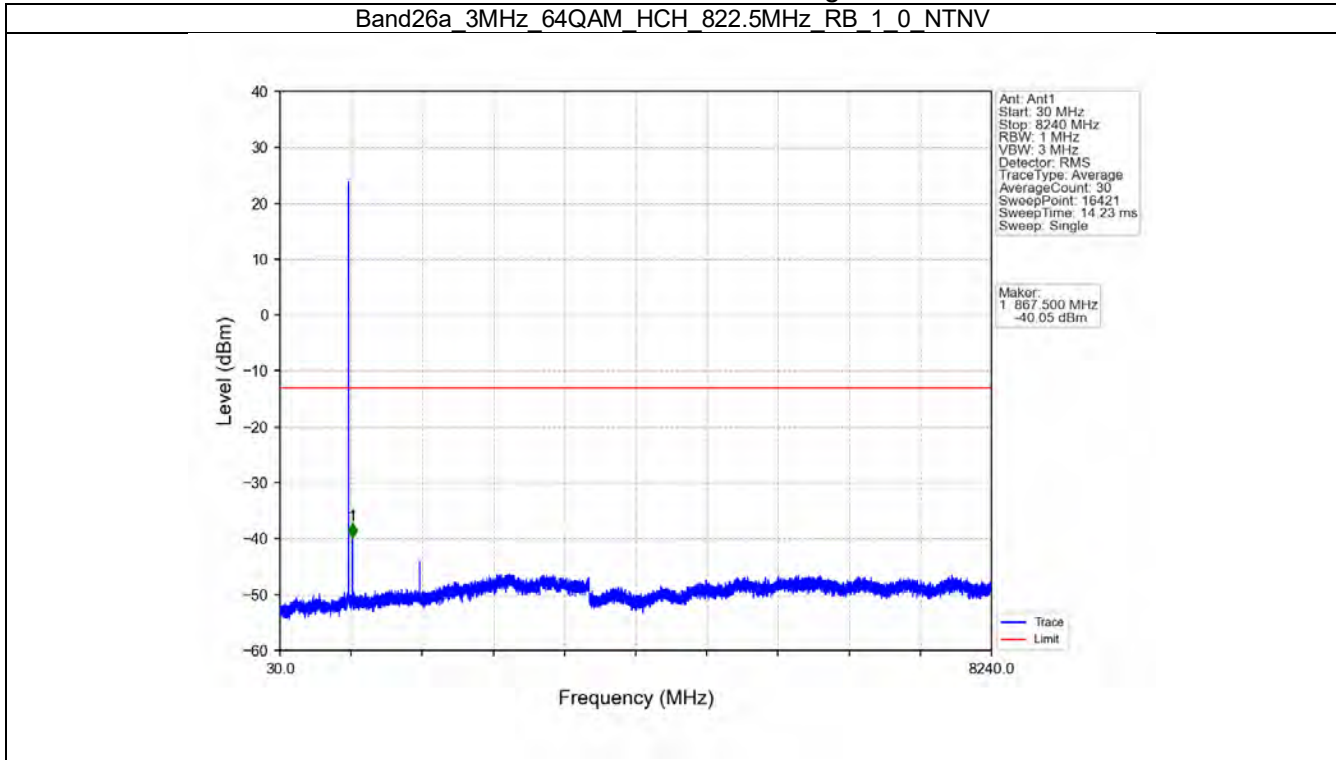
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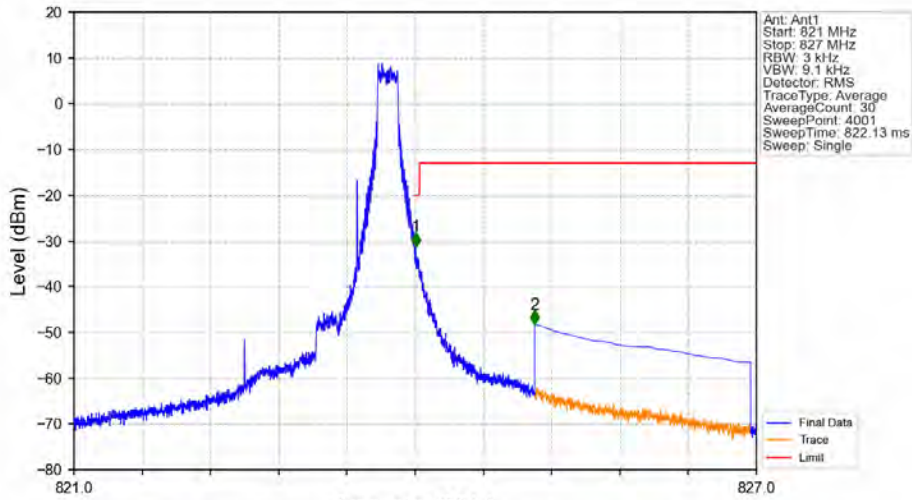
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.005	-31.24	-20	Pass
825	827	0.1	CHP	2	825.052	-48.20	-13	Pass



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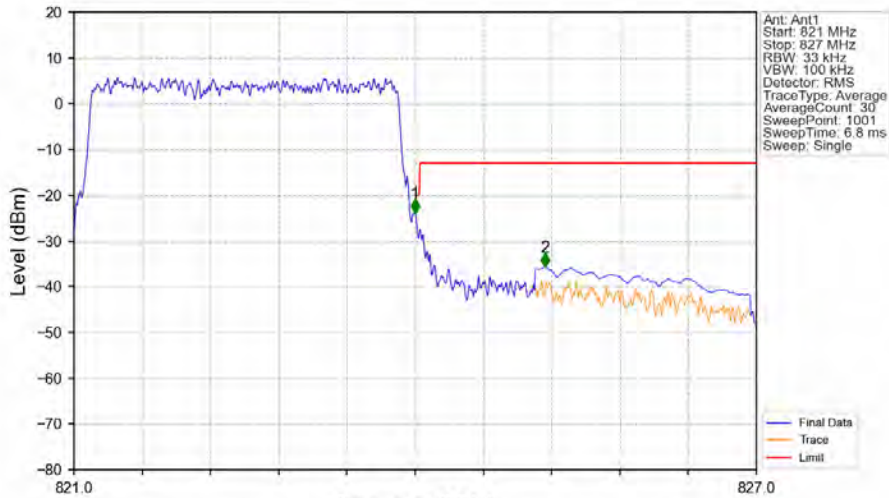
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.033	/	/	/	/	/	/
824	825	0.033	/	1	824.000	-23.96	-20	Pass
825	827	0.1	CHP	2	825.140	-35.69	-13	Pass



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5.3 B26a_5MHz

5.3.1 Test Result

Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	821.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	816.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	821.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
64QAM	816.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	821.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass



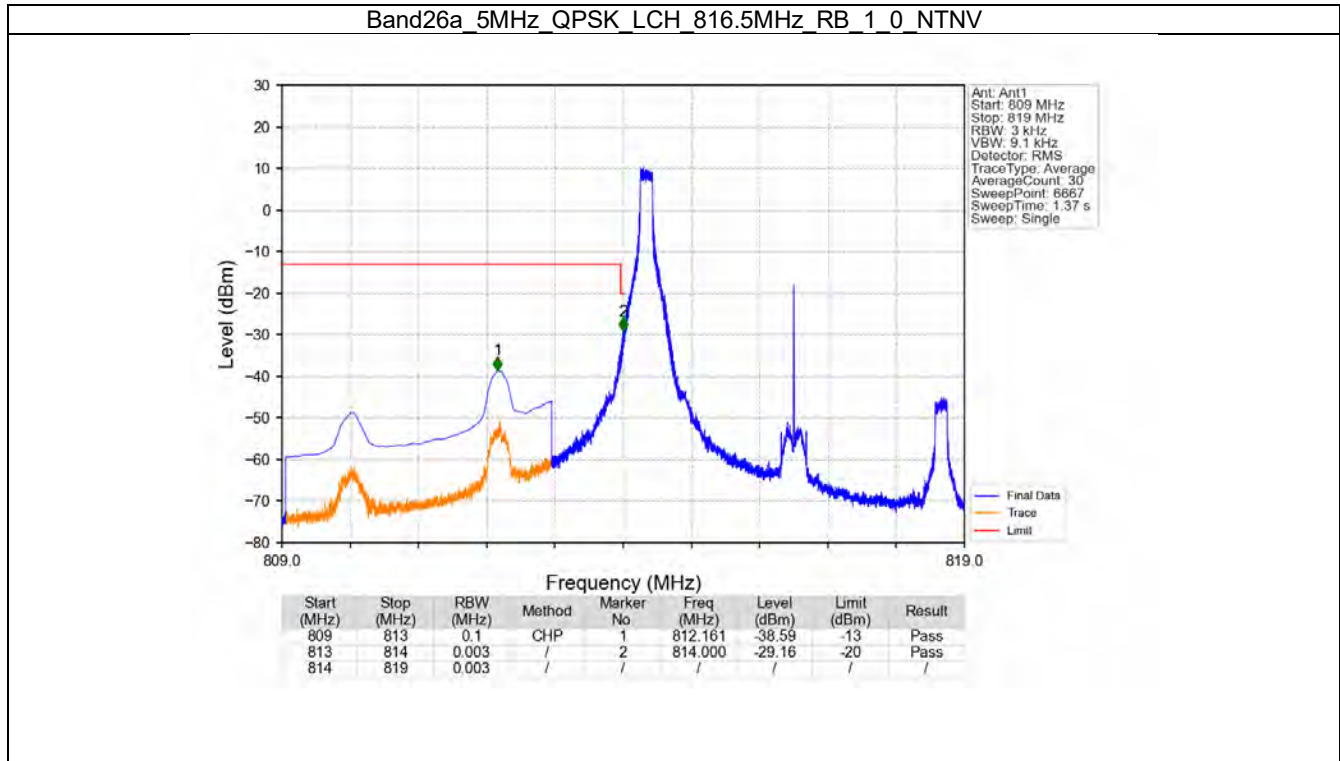
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5.3.2 Test Graph



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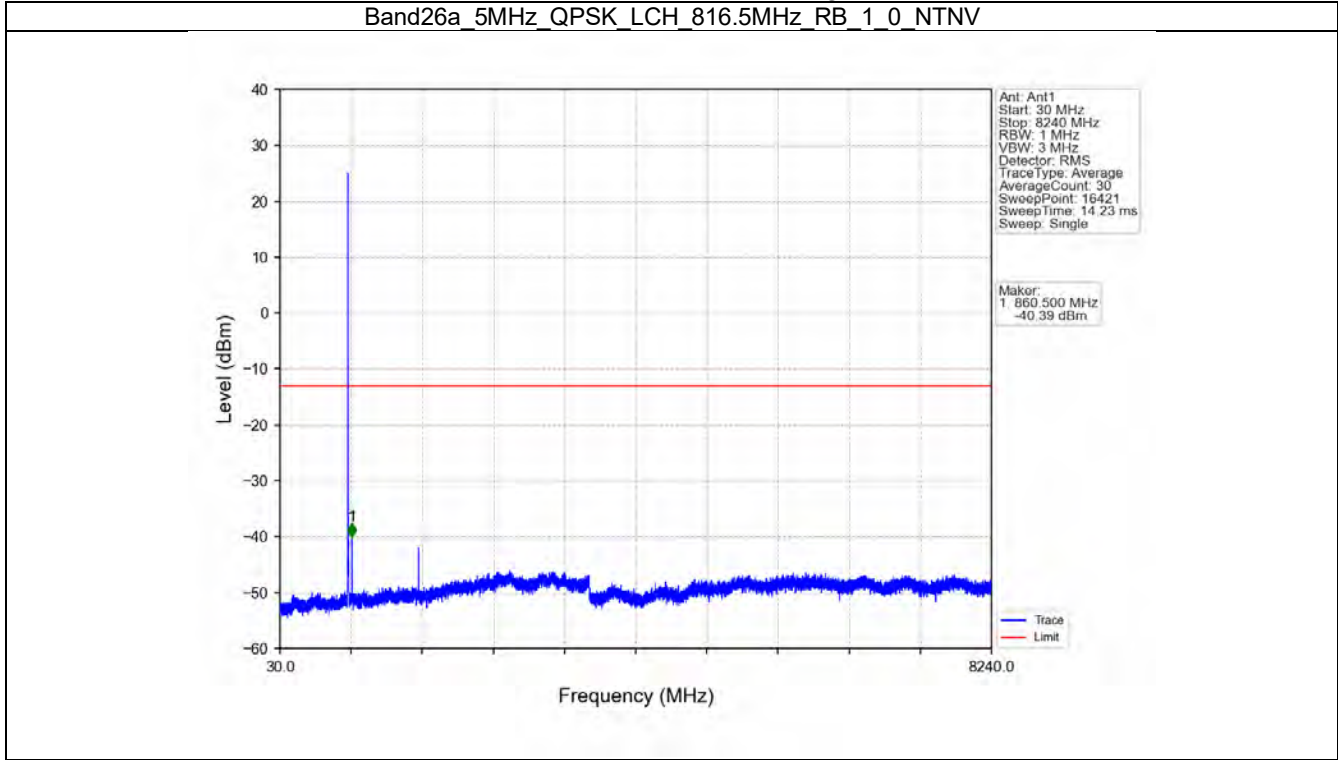
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Rev.: 01

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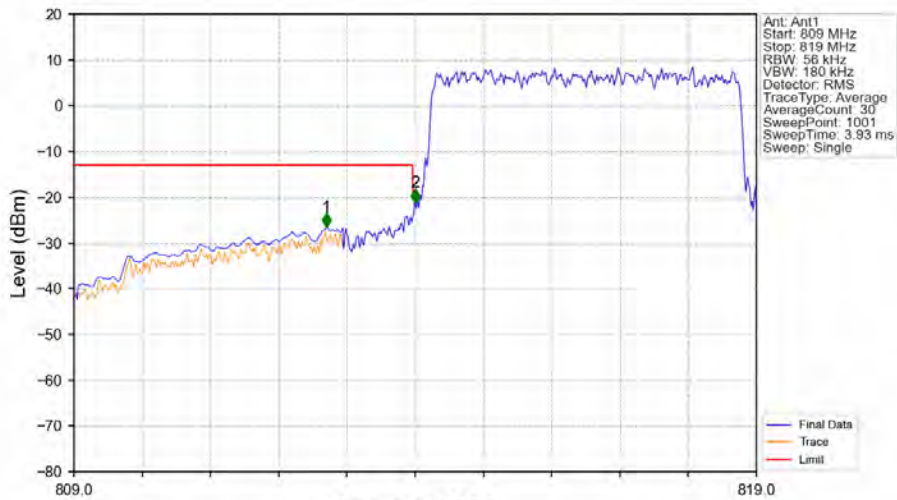
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Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.700	-26.62	-13	Pass
813	814	0.056	/	2	814.000	-21.19	-20	Pass
814	819	0.056	/	/	/	/	/	/



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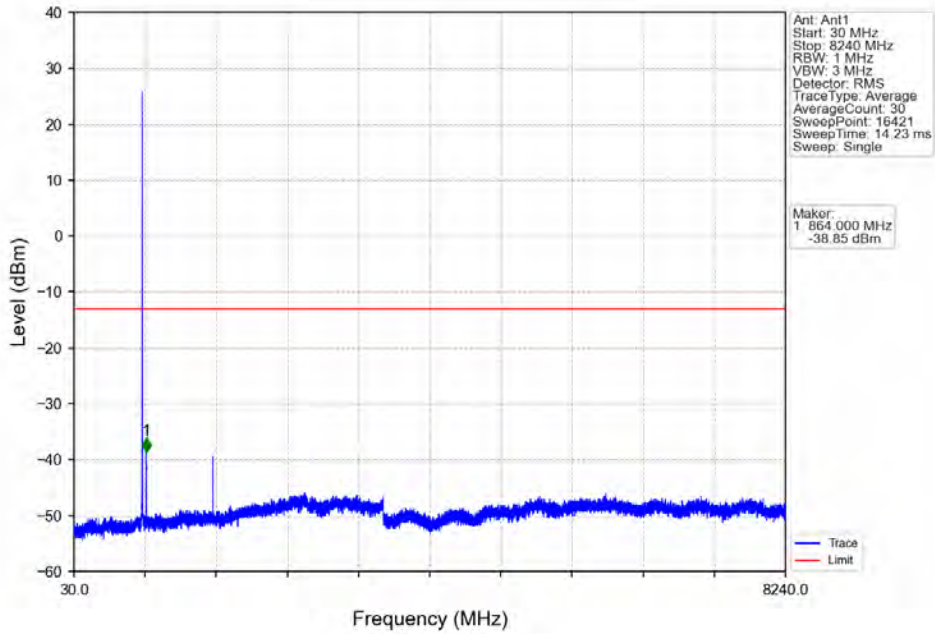
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Band26a 5MHz QPSK MCH 819MHz_RB_1_0_NTNV



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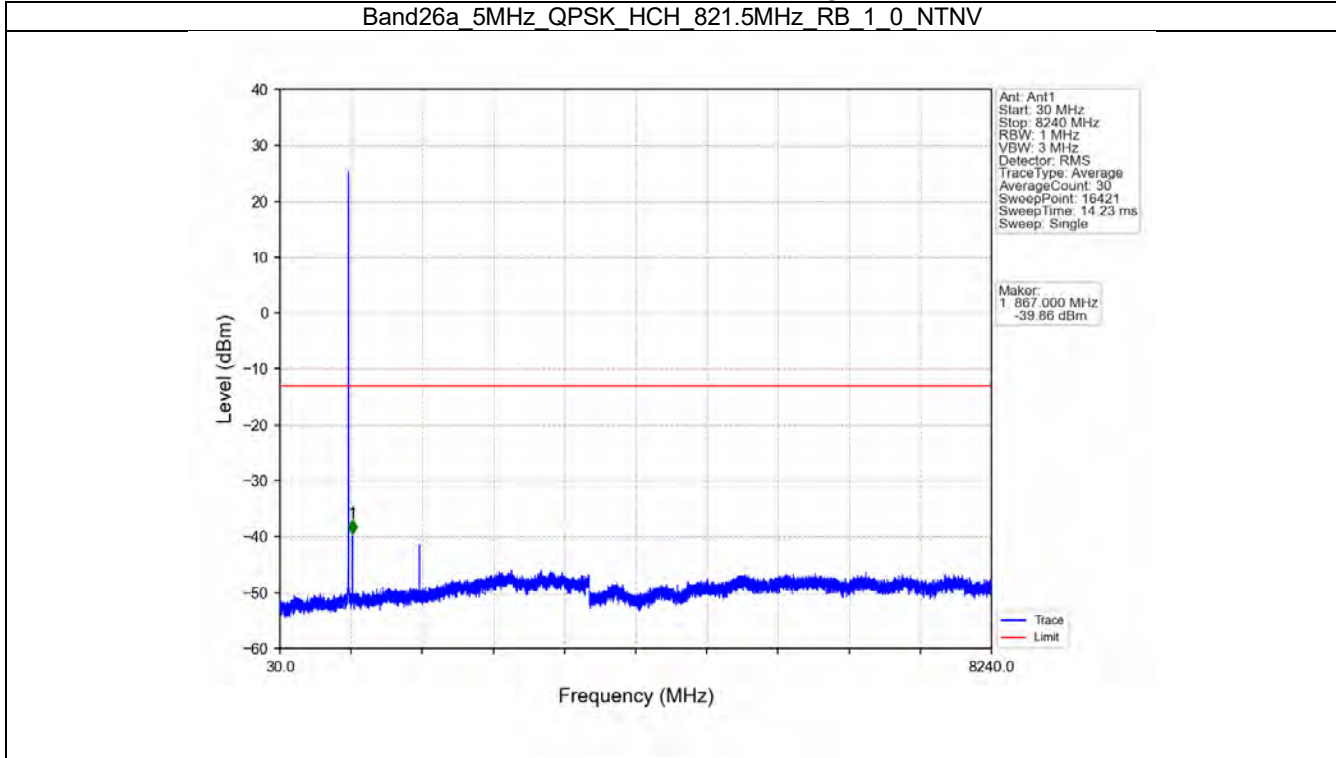
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Report No.: SEWM2311000454RG01

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Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_0_NTNV



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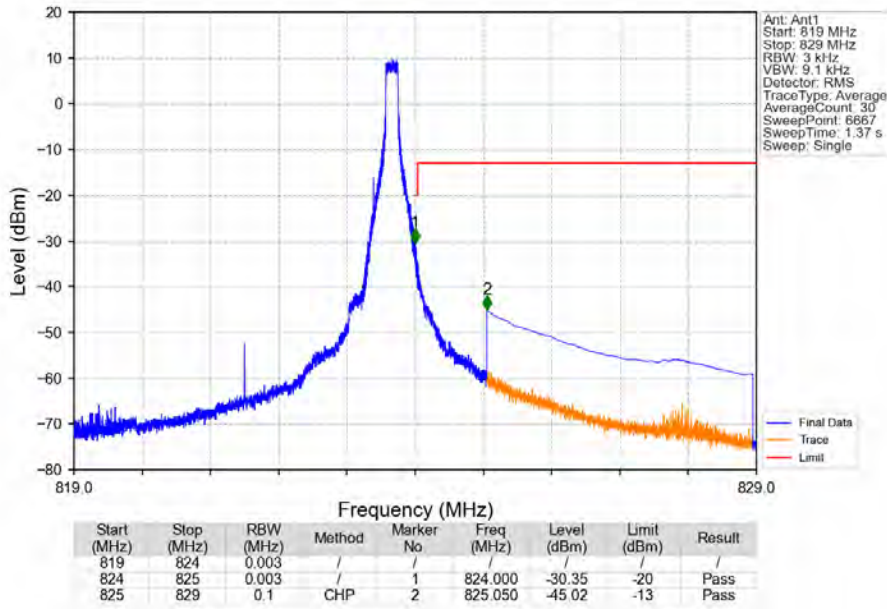
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Band26a 5MHz QPSK HCH 821.5MHz_RB_1_24_NTNV



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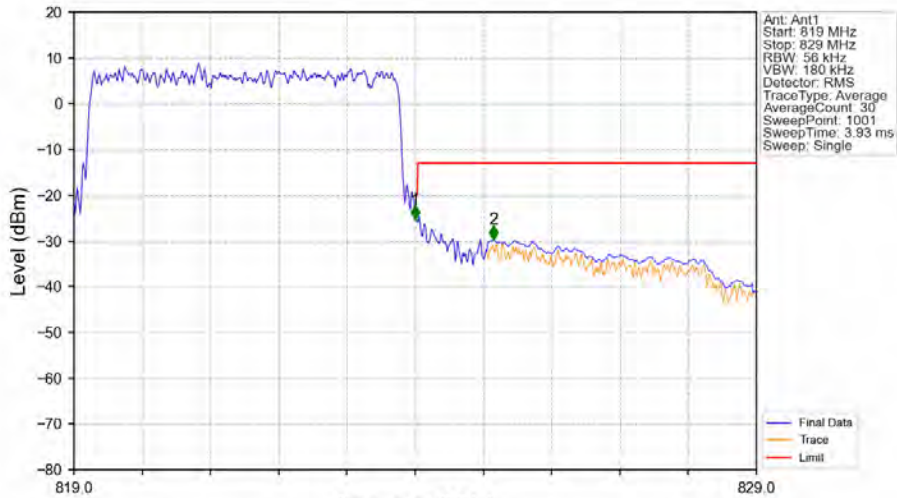
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Band26a 5MHz QPSK HCH 821.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.056	/	/	/	/	/	/
824	825	0.056	/	1	824.000	-25.28	-20	Pass
825	829	0.1	CHP	2	825.150	-29.66	-13	Pass



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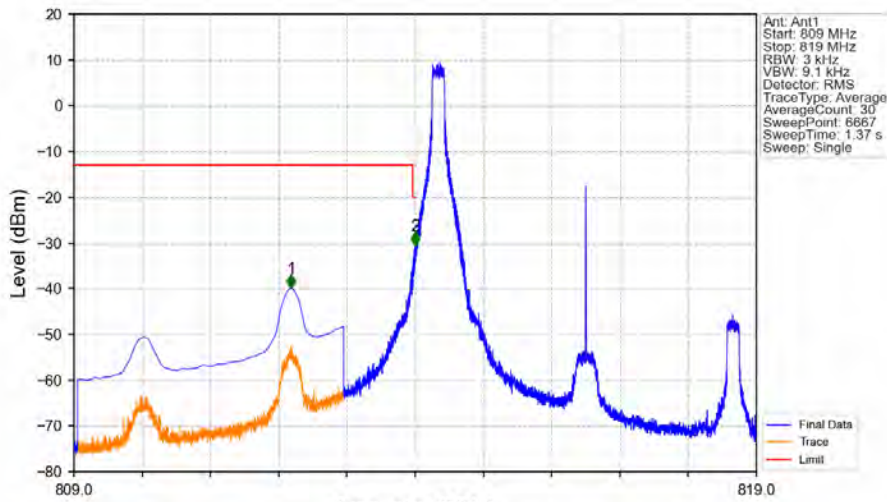
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Band26a_5MHz_16QAM_LCH_816.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.183	-39.91	-13	Pass
813	814	0.003	/	2	813.999	-30.66	-20	Pass
814	819	0.003	/	/	/	/	/	/



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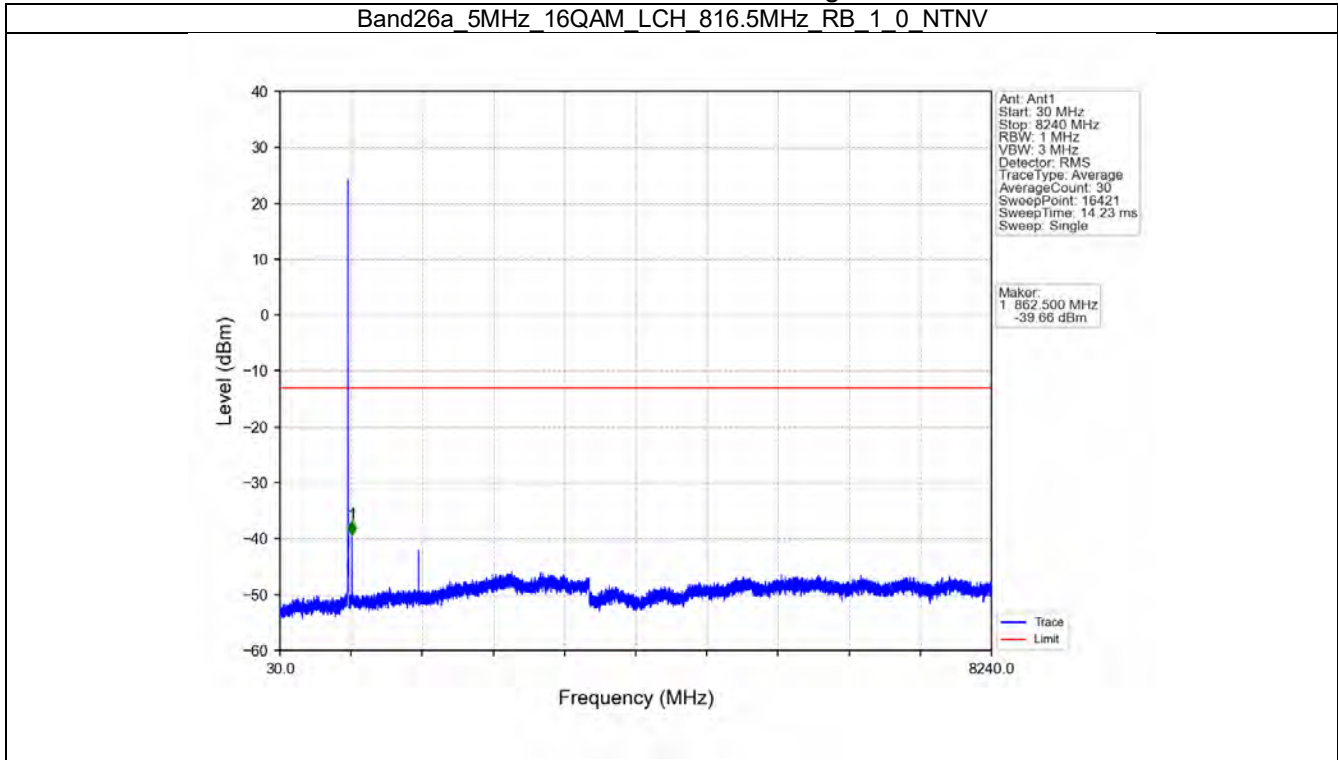
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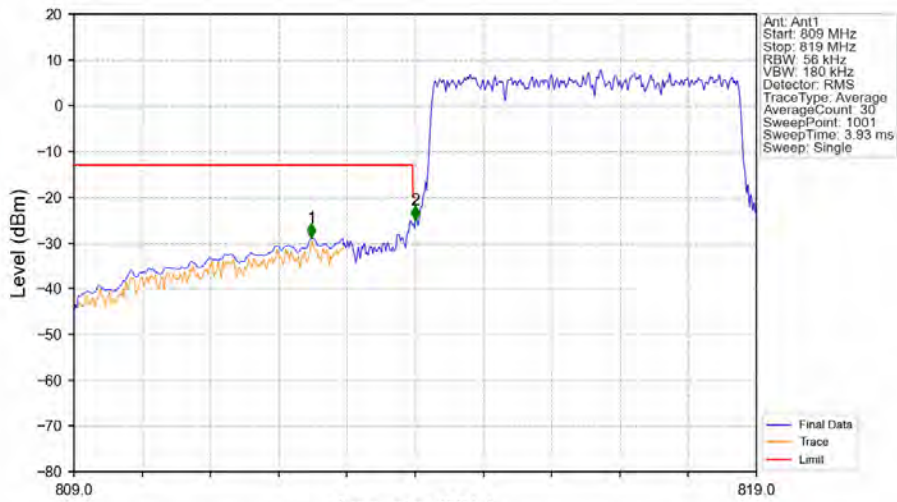
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.480	-28.91	-13	Pass
813	814	0.056	/	2	814.000	-24.92	-20	Pass
814	819	0.056	/	/	/	/	/	/



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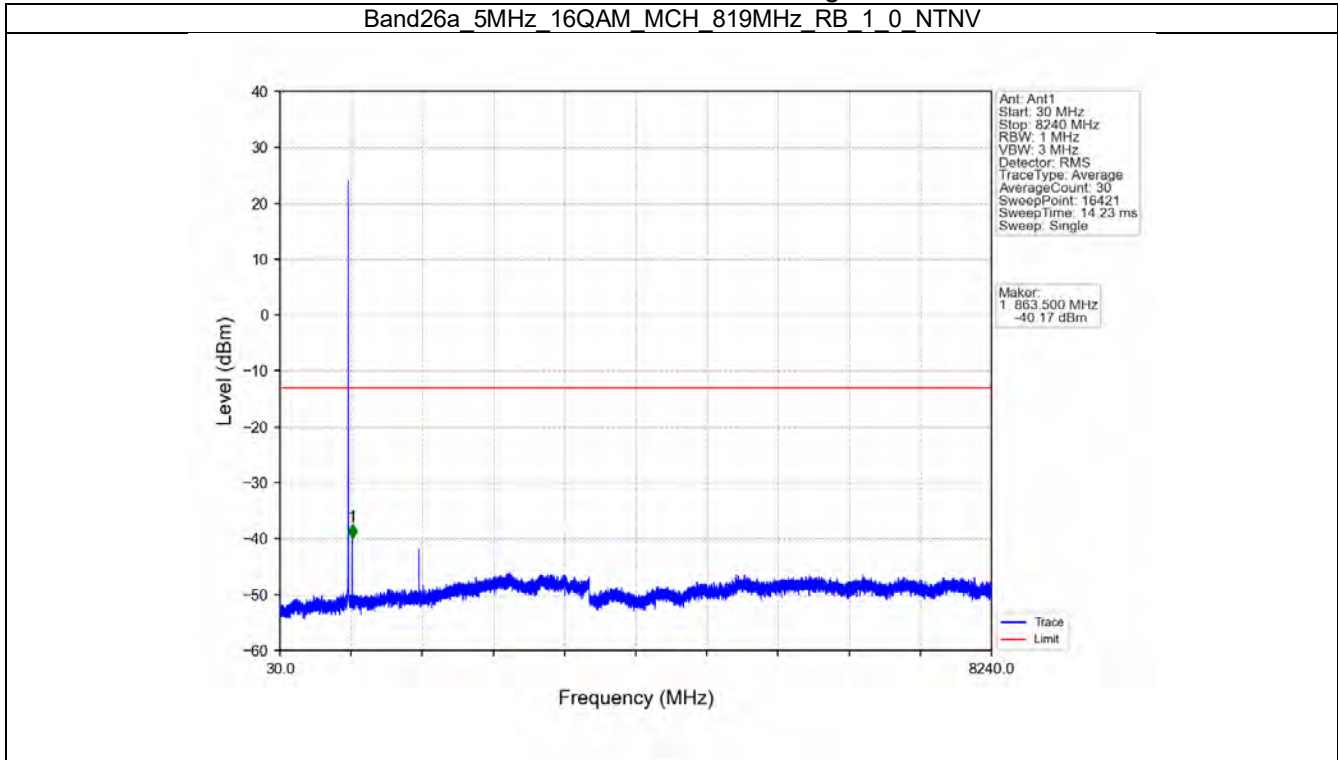
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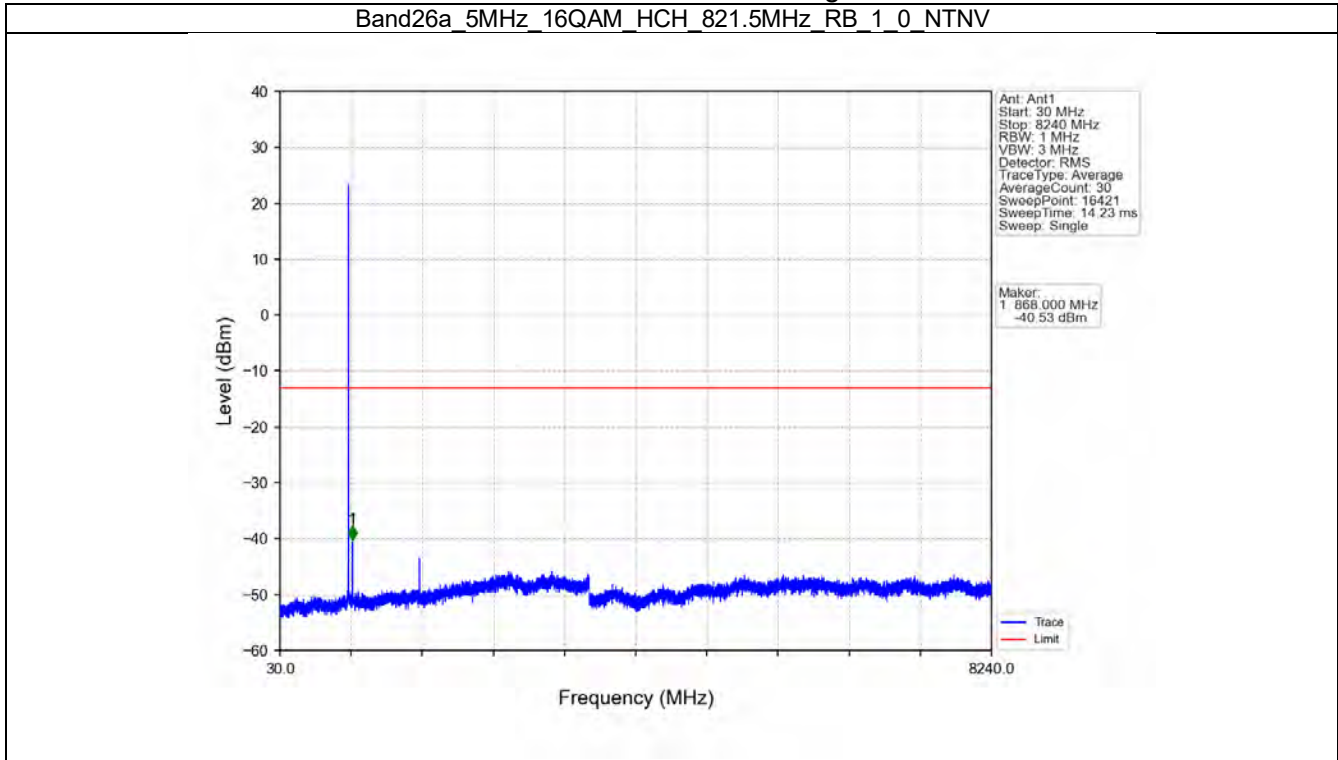
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Band26a 5MHz 16QAM_HCH 821.5MHz_RB_1_0_NTNV



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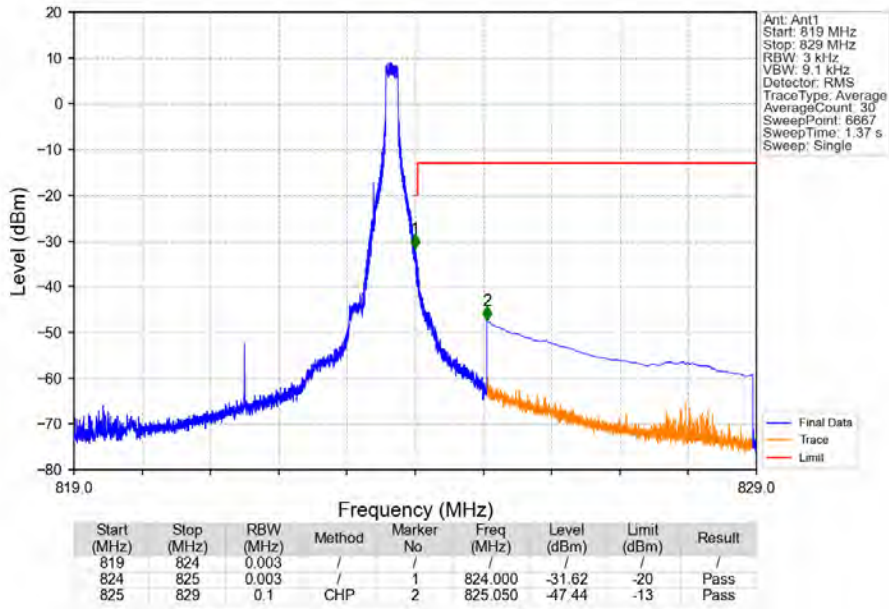
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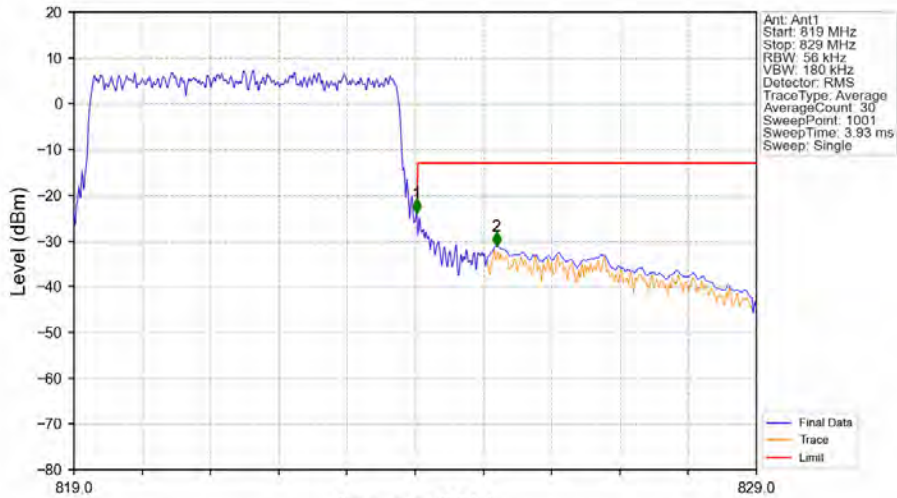
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.056	/	/	/	/	/	/
824	825	0.056	/	1	824.020	-23.91	-20	Pass
825	829	0.1	CHP	2	825.190	-31.09	-13	Pass



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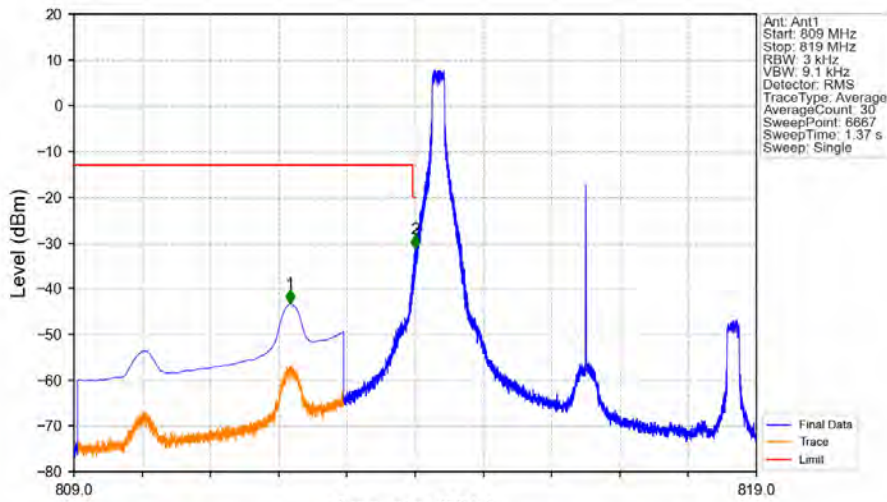
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Band26a_5MHz_64QAM_LCH_816.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.162	-43.37	-13	Pass
813	814	0.003	/	2	814.000	-31.33	-20	Pass
814	819	0.003	/	/	/	/	/	/



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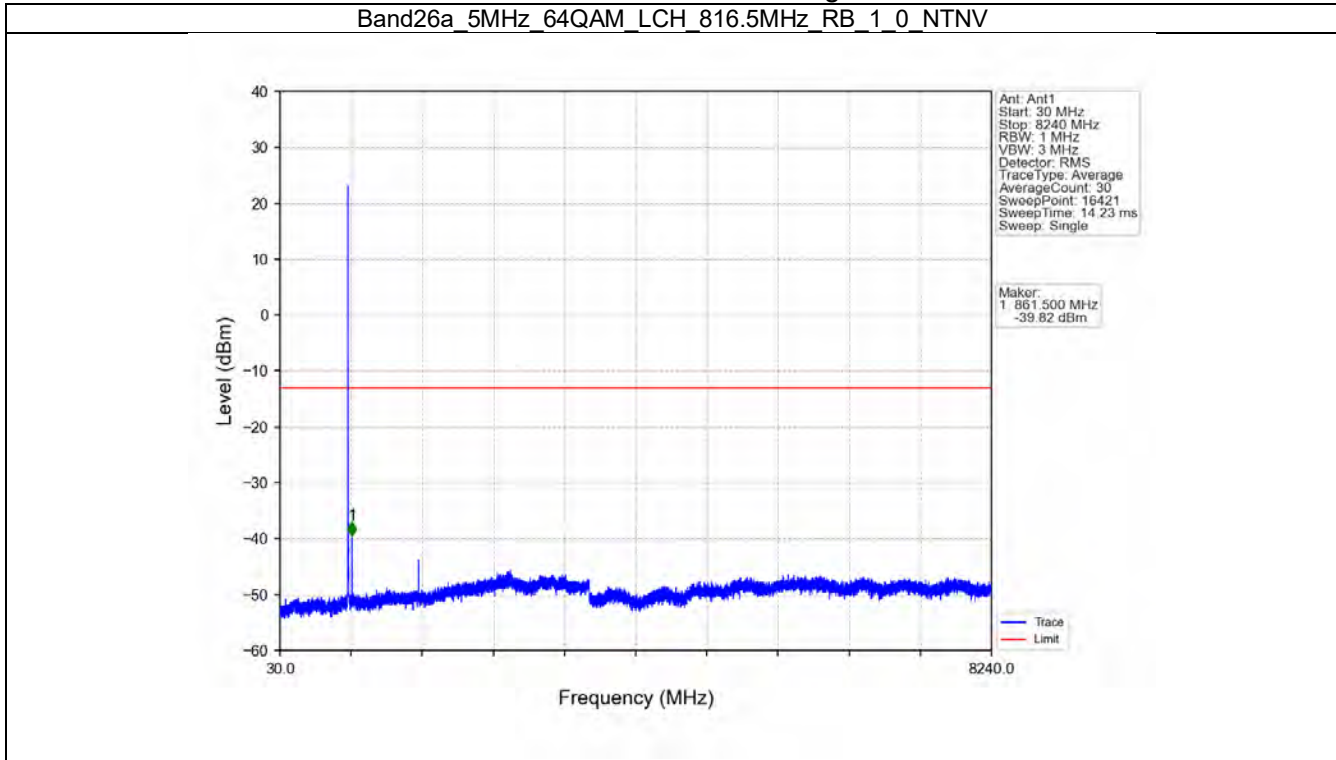
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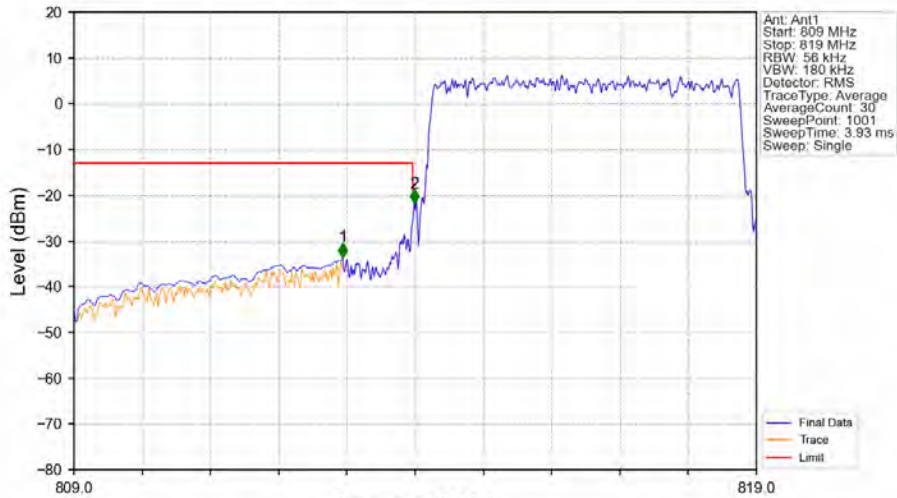
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.940	-33.55	-13	Pass
813	814	0.056	/	2	813.990	-21.77	-20	Pass
814	819	0.056	/	/	/	/	/	/



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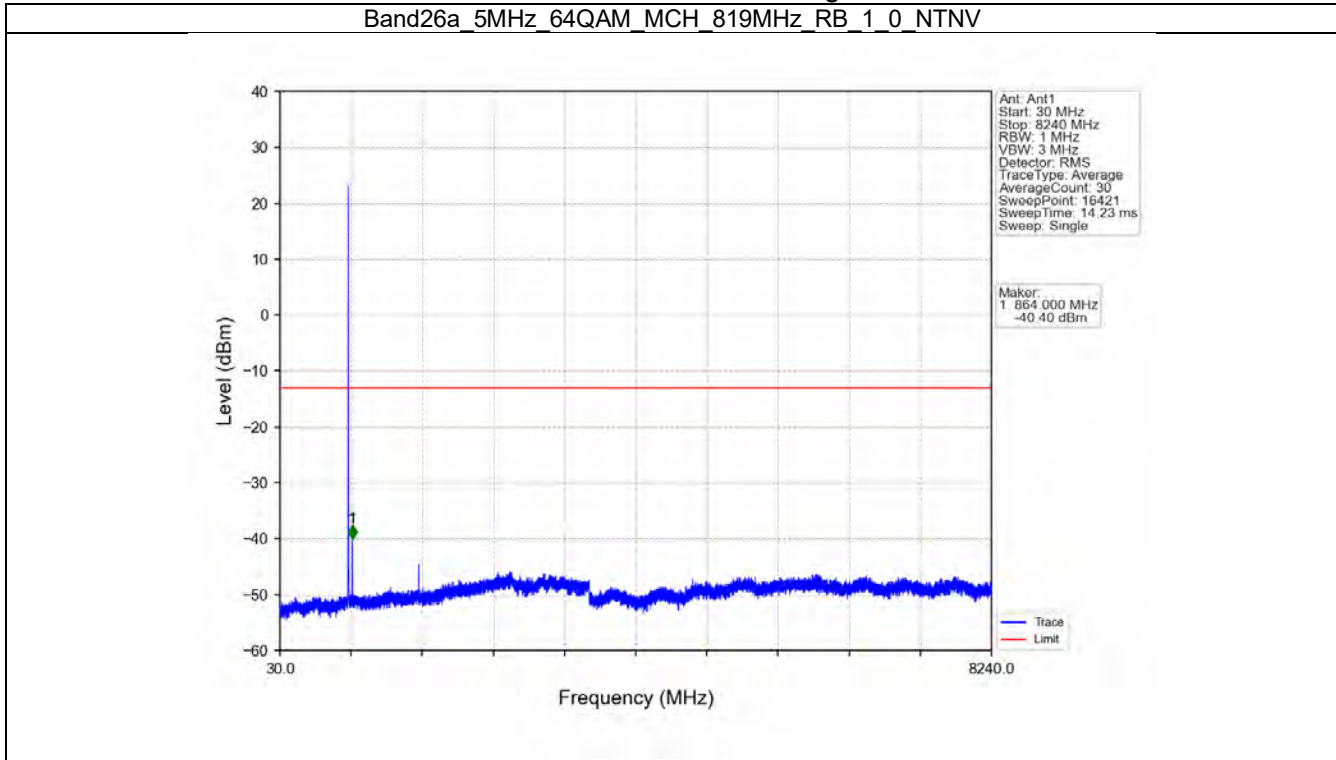
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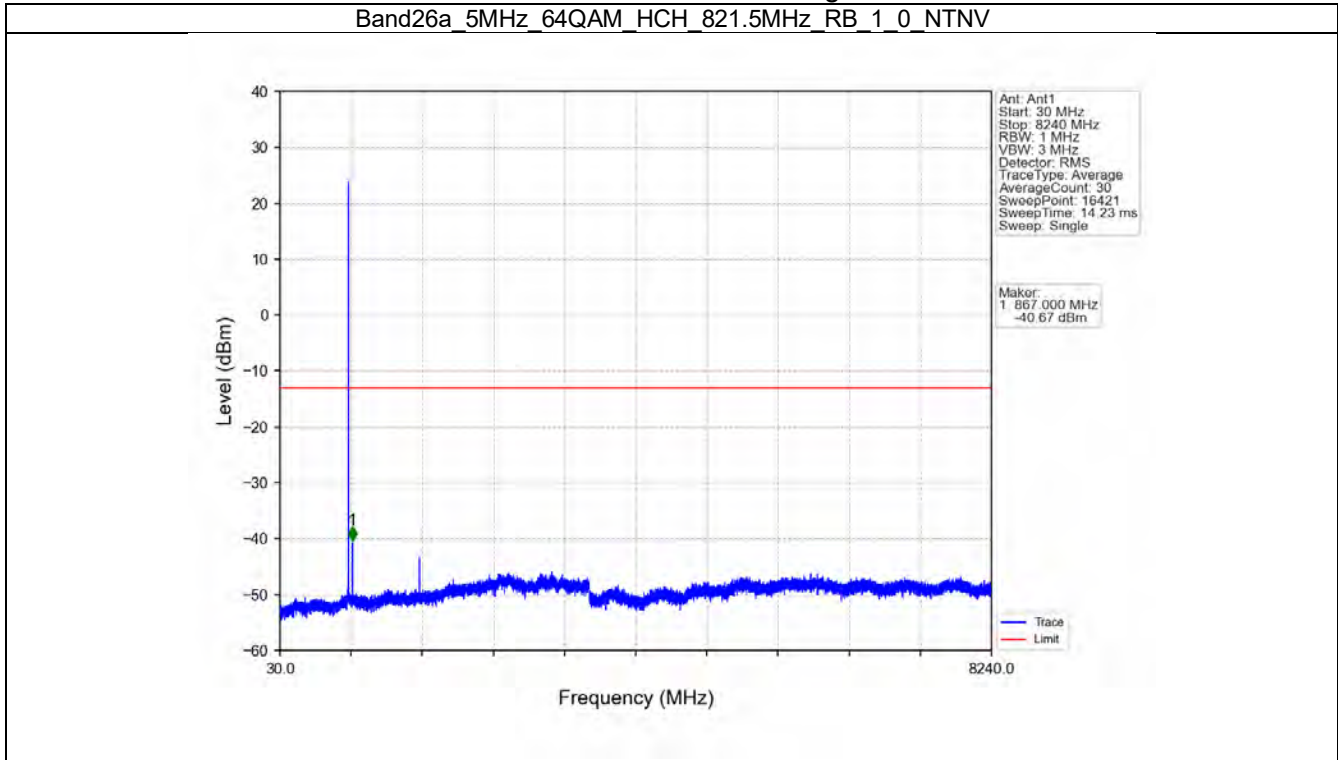
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Band26a 5MHz 64QAM_HCH 821.5MHz_RB_1_0_NTNV



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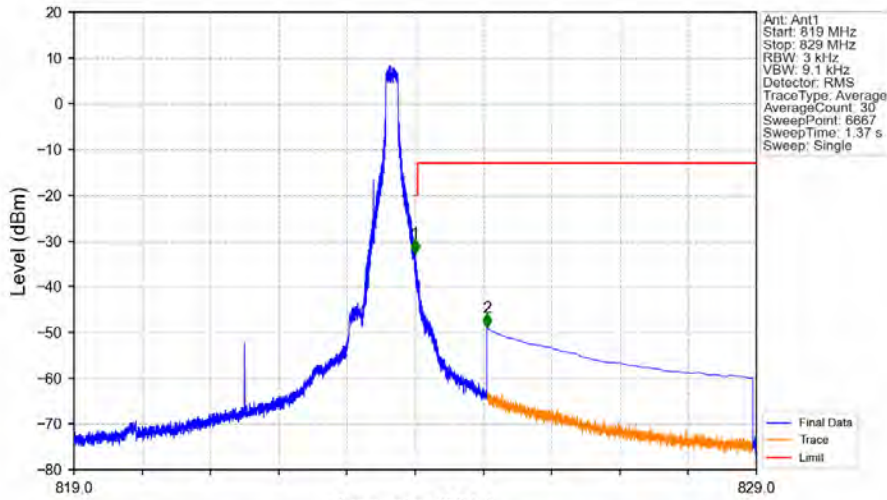
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Band26a_5MHz_64QAM_HCH_821.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.000	-32.68	-20	Pass
825	829	0.1	CHP	2	825.050	-49.00	-13	Pass



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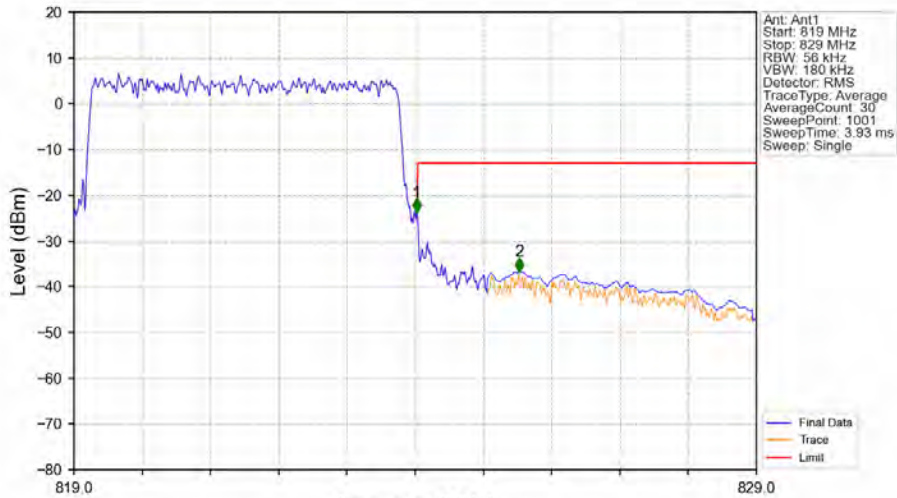
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.056	/	/	/	/	/	/
824	825	0.056	/	1	824.020	-23.73	-20	Pass
825	829	0.1	CHP	2	825.530	-36.72	-13	Pass



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5.4 B26a_10MHz

5.4.1 Test Result

Band: 26a / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	819	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
	819	50	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
16QAM	819	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
	819	50	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
64QAM	819	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
	819	50	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass

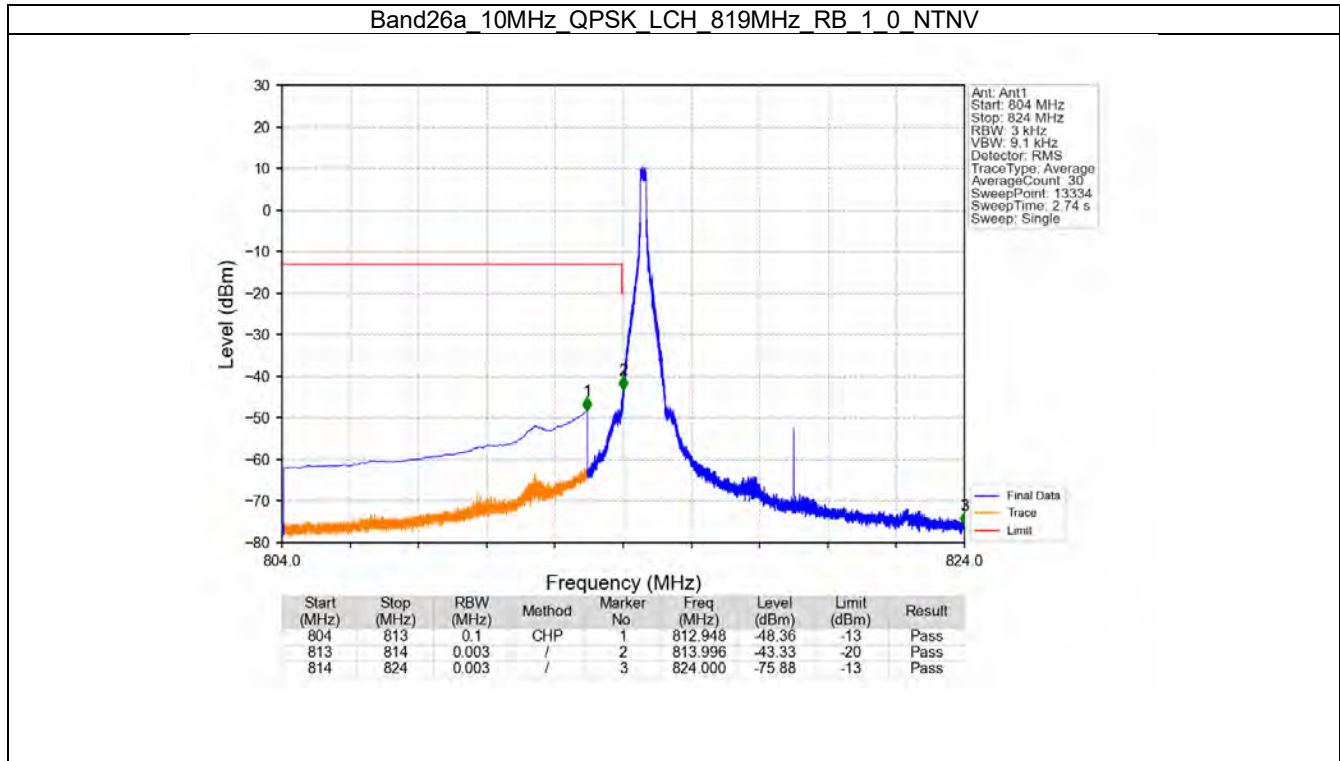


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5.4.2 Test Graph



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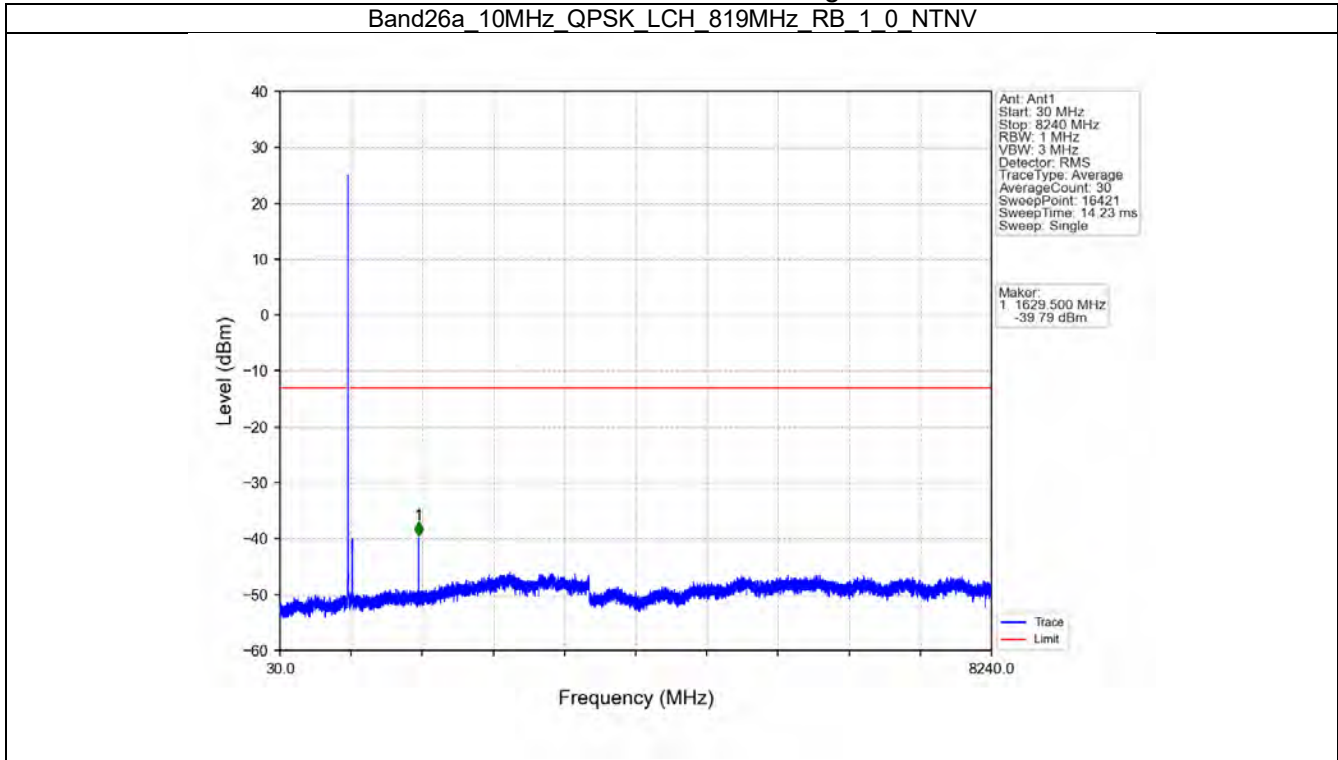
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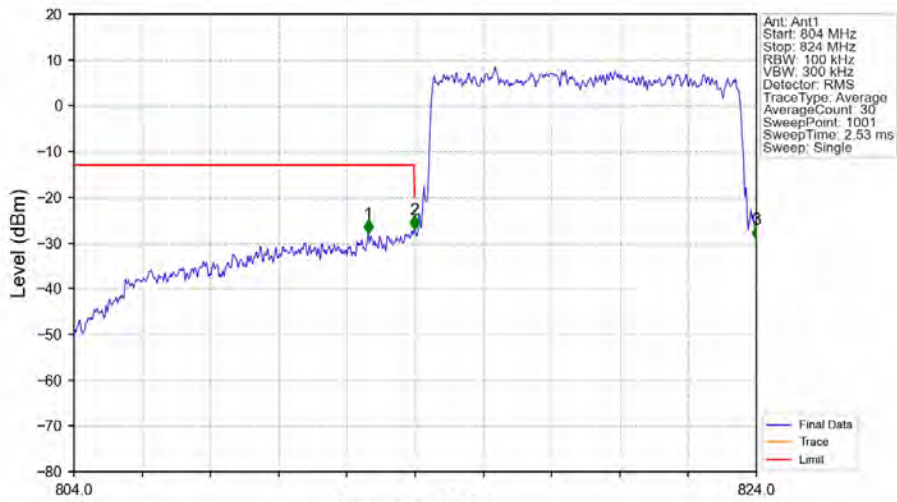
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
804	813	0.1	/	1	812.620	-28.03	-13	Pass
813	814	0.103	/	2	813.980	-27.12	-20	Pass
814	824	0.103	/	3	824.000	-29.32	-13	Pass



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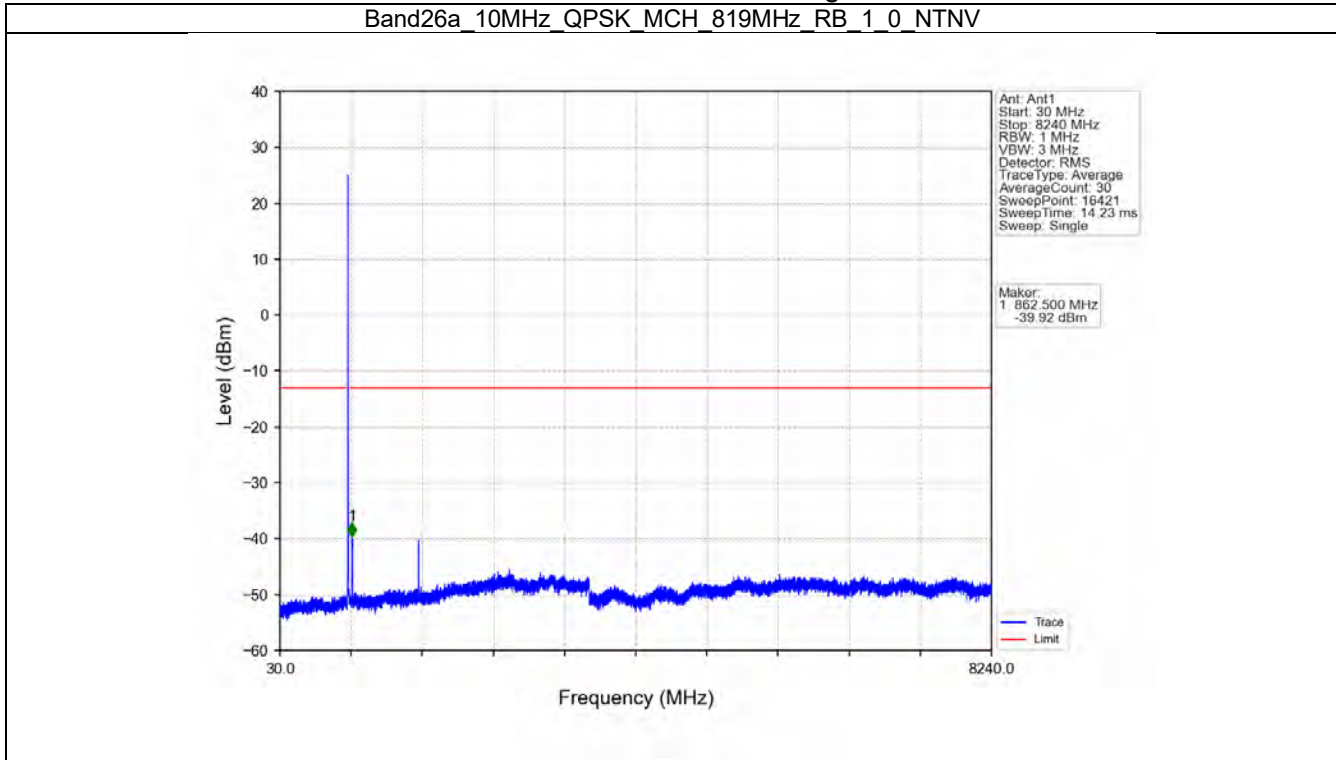
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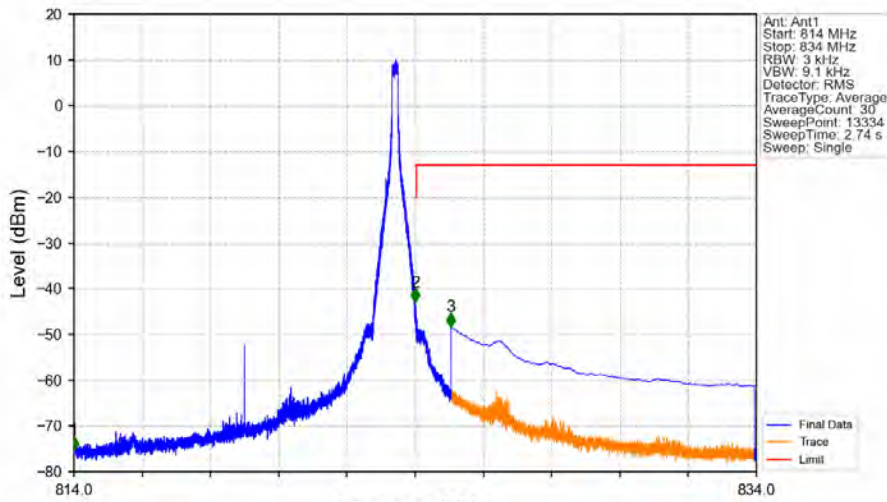
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Band26a_10MHz_QPSK_MCH_819MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	1	814.000	-75.35	-13	Pass
824	825	0.003	/	2	824.002	-43.02	-20	Pass
824	834	0.1	CHP	3	825.051	-48.37	-13	Pass



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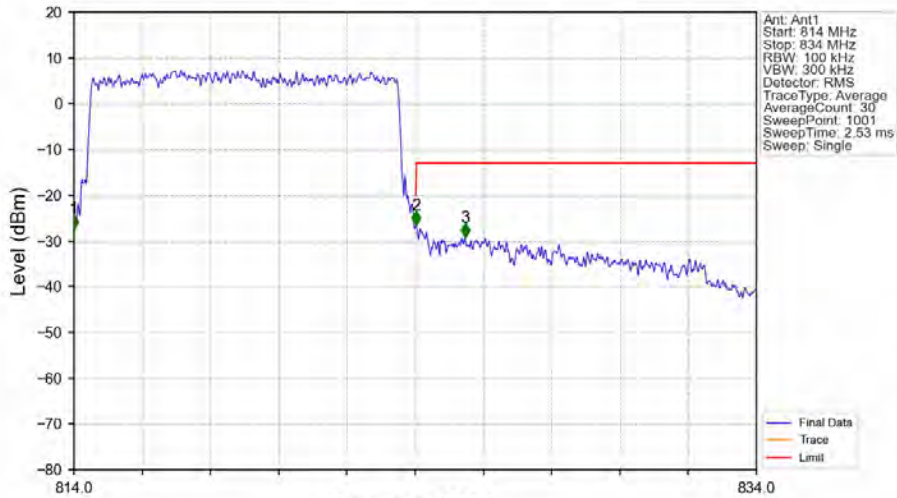
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Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.101	/	1	814.000	-27.36	-13	Pass
824	824	0.101	/	/	/	/	/	/
824	825	0.101	/	2	824.020	-26.57	-20	Pass
825	834	0.1	/	3	825.460	-29.17	-13	Pass



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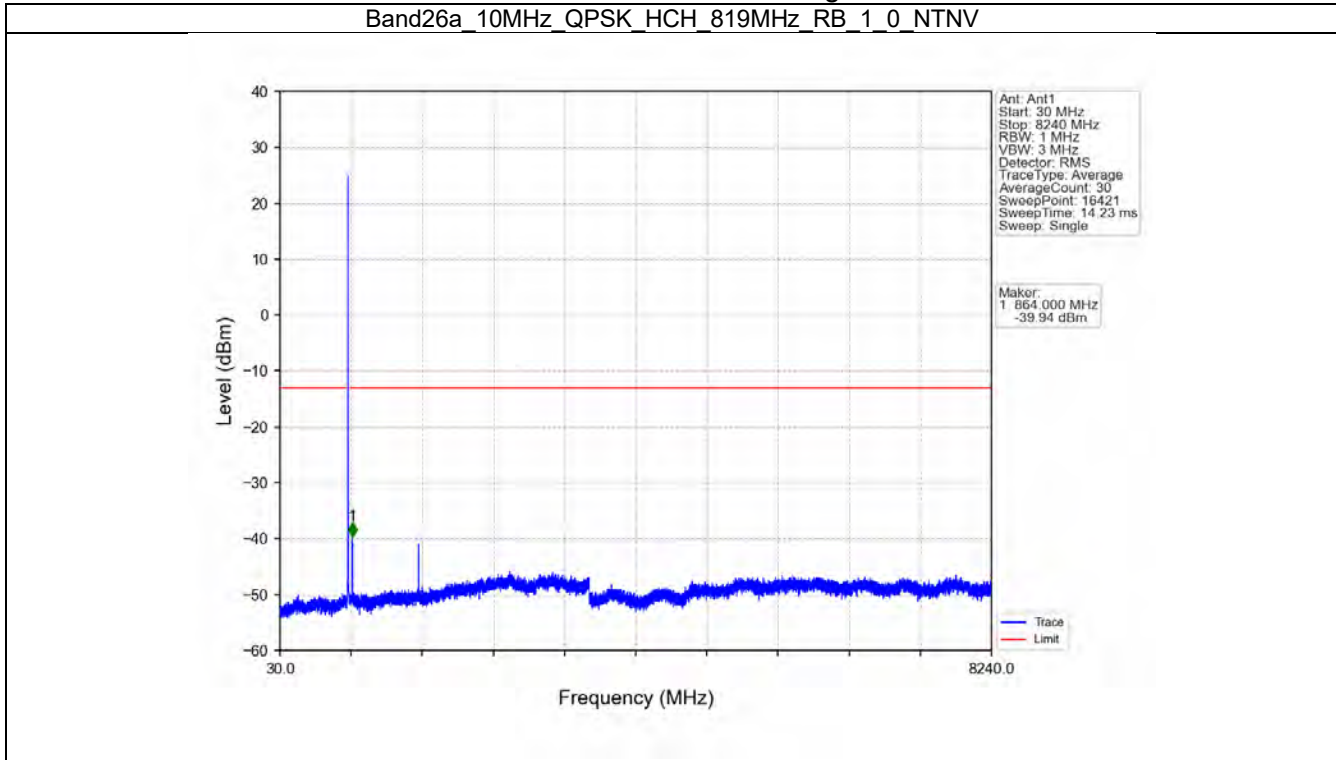
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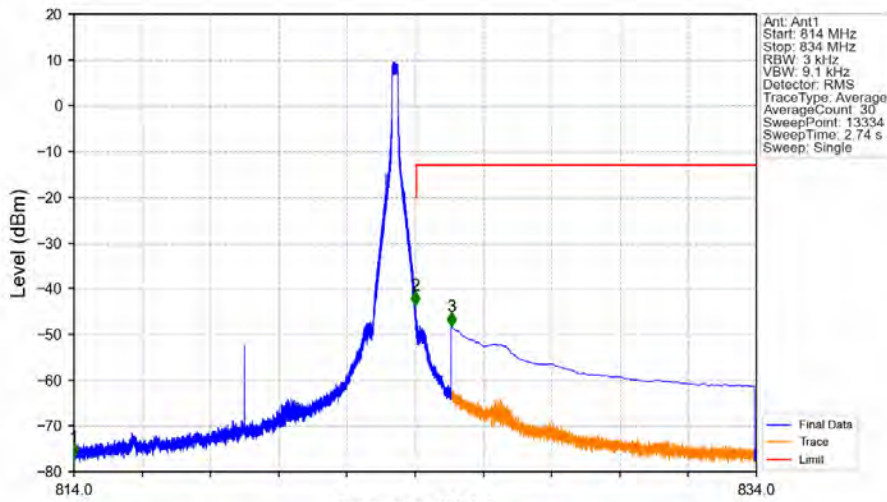


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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	1	814.000	-76.90	-13	Pass
824	824	0.003	/	/	/	/	/	/
824	825	0.003	/	2	824.002	-43.62	-20	Pass
825	834	0.1	CHP	3	825.057	-48.26	-13	Pass



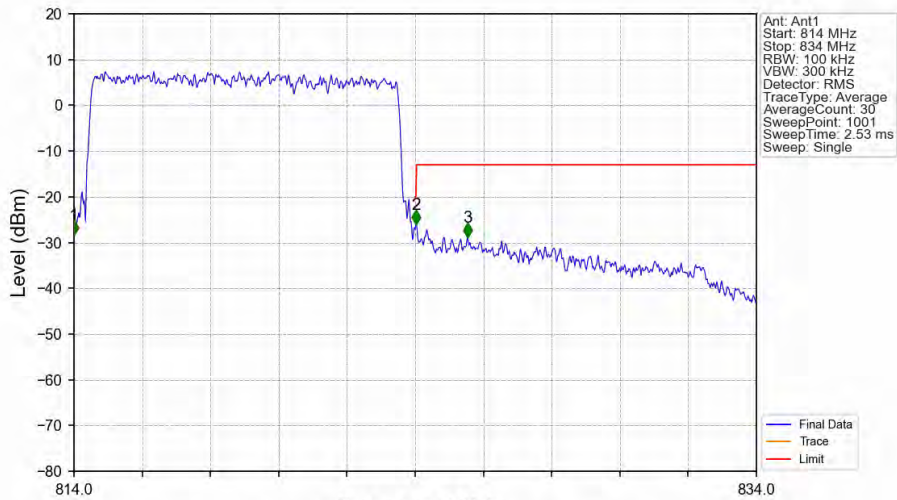
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.103	/	1	814.000	-28.36	-13	Pass
824	825	0.103	/	2	824.020	-25.99	-20	Pass
825	834	0.1	/	3	825.540	-28.83	-13	Pass



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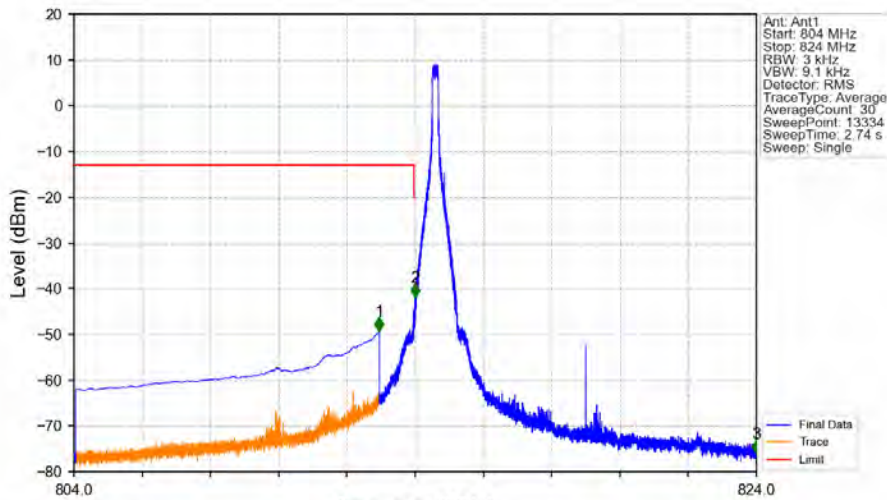
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
804	813	0.1	CHP	1	812.948	-49.35	-13	Pass
813	814	0.003	/	2	813.996	-41.93	-20	Pass
814	824	0.003	/	3	824.000	-76.12	-13	Pass



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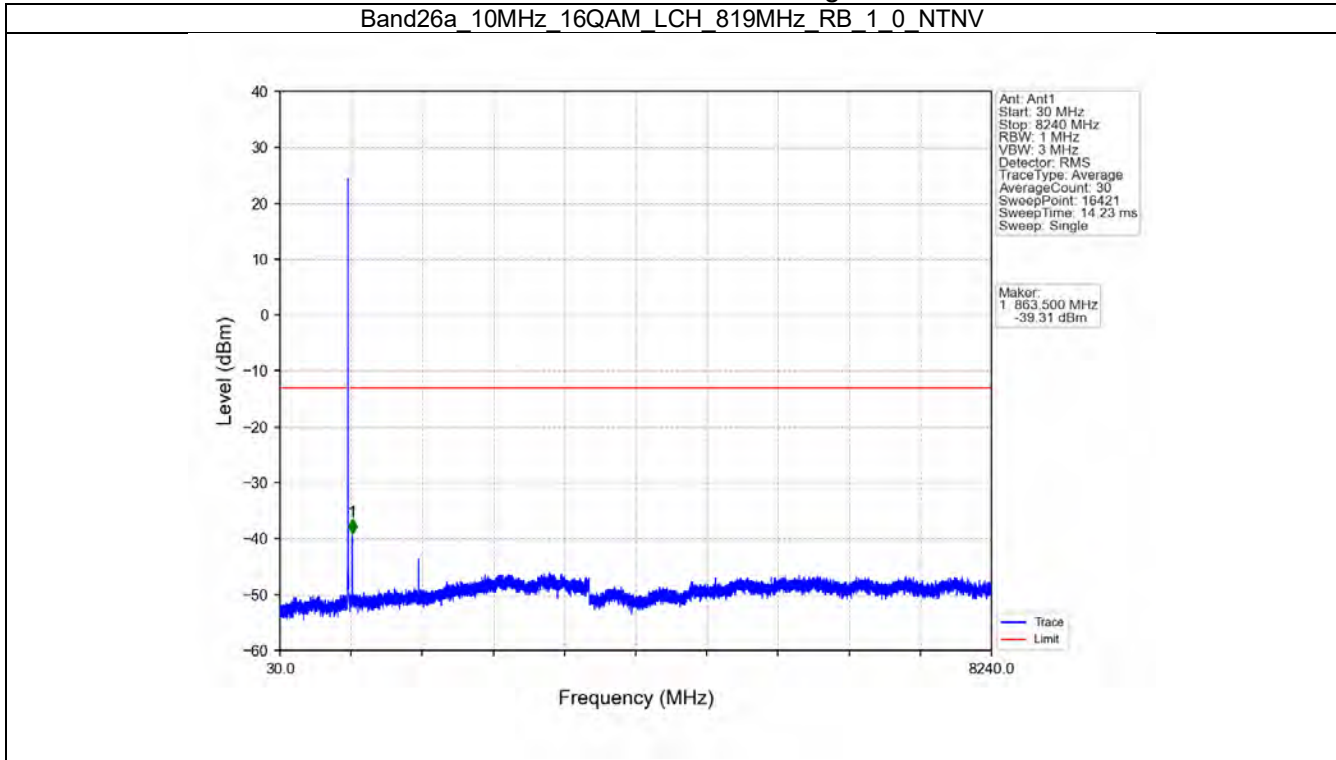
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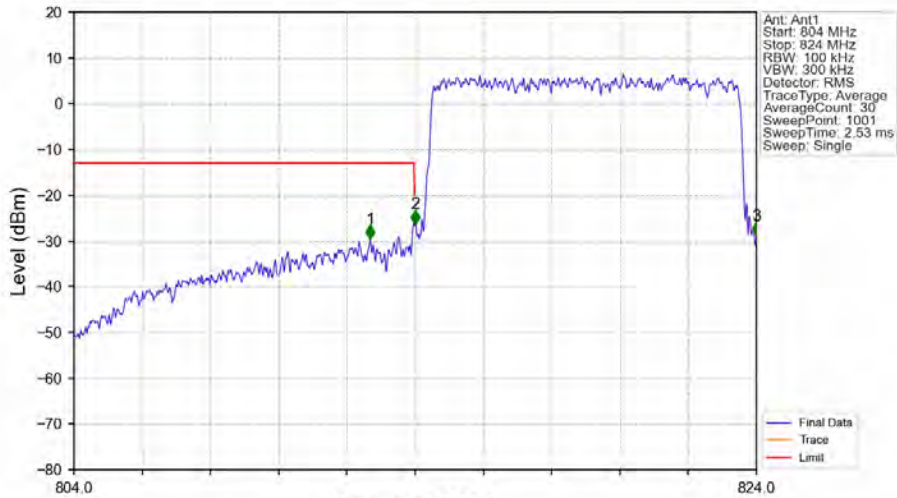
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
804	813	0.1	/	1	812.680	-29.62	-13	Pass
813	814	0.101	/	2	814.000	-26.29	-20	Pass
814	824	0.101	/	3	824.000	-28.81	-13	Pass



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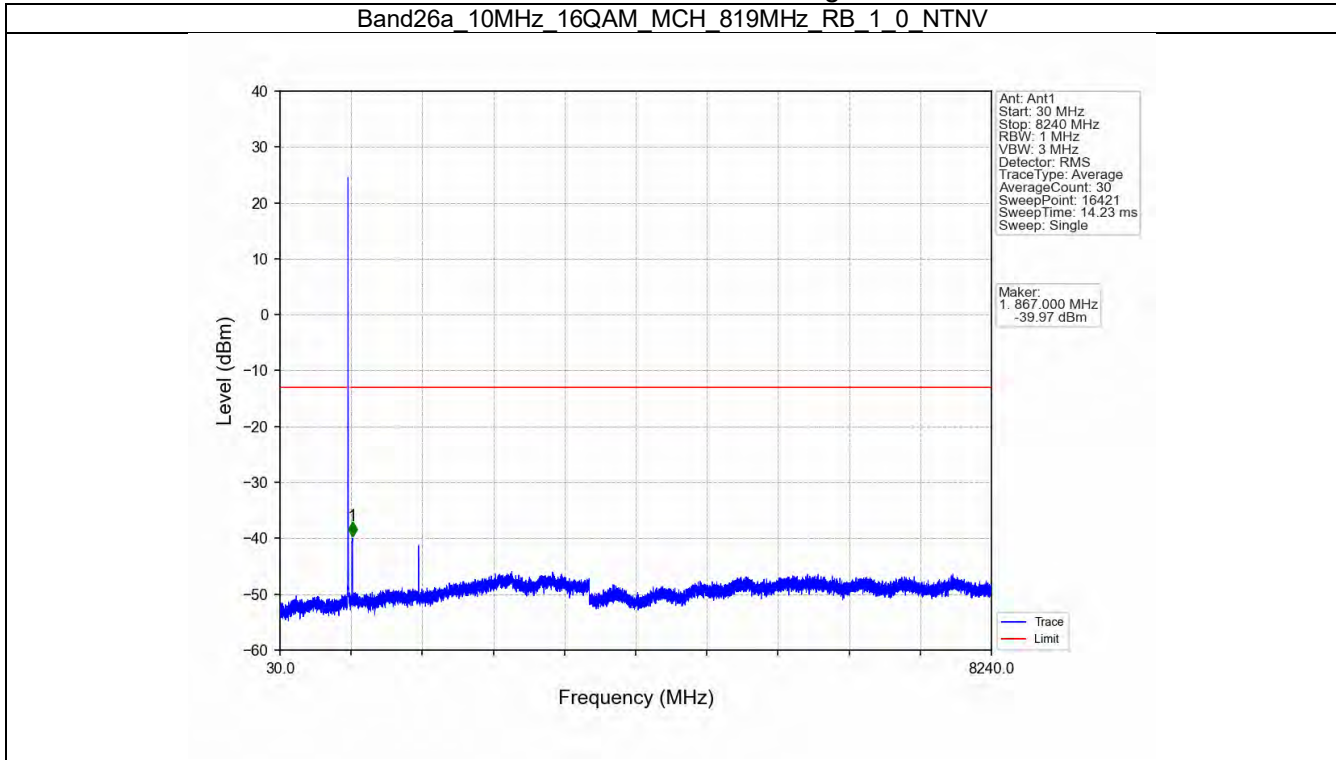
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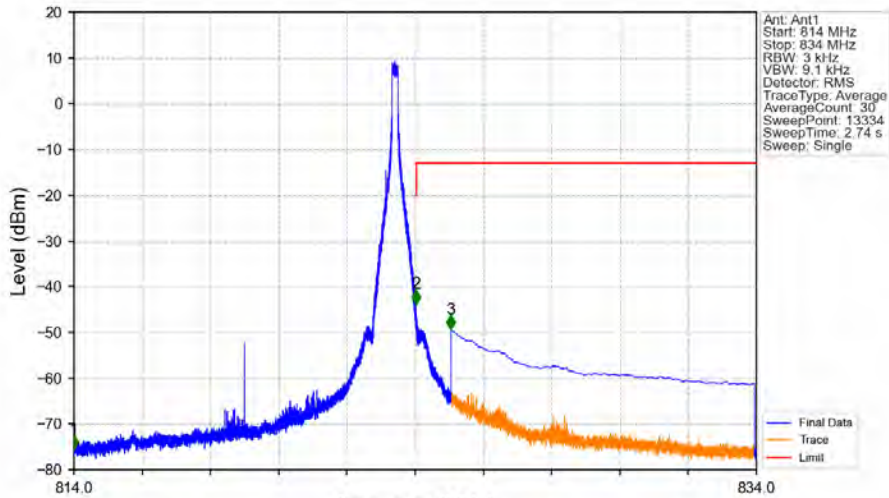
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	1	814.000	-75.62	-13	Pass
824	825	0.003	/	2	824.017	-43.77	-20	Pass
824	834	0.1	CHP	3	825.051	-49.34	-13	Pass



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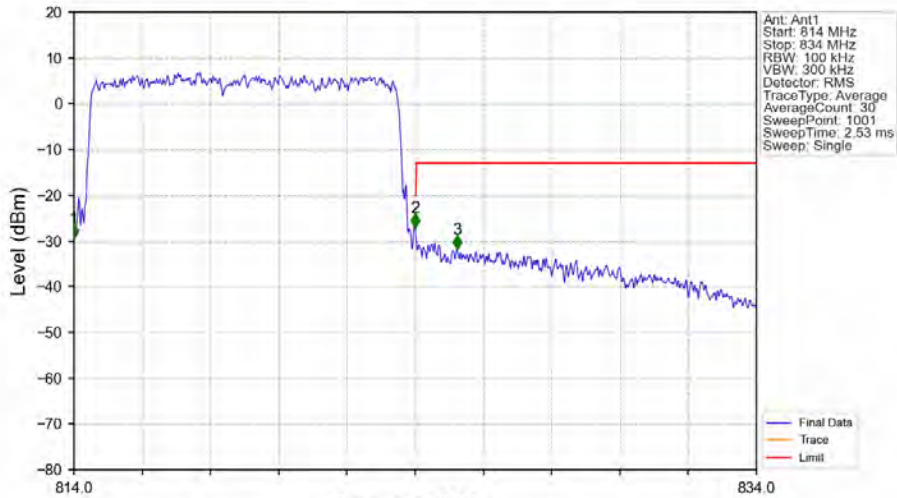
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.103	/	1	814.000	-29.37	-13	Pass
824	825	0.103	/	2	824.000	-27.13	-20	Pass
825	834	0.1	/	3	825.220	-31.82	-13	Pass



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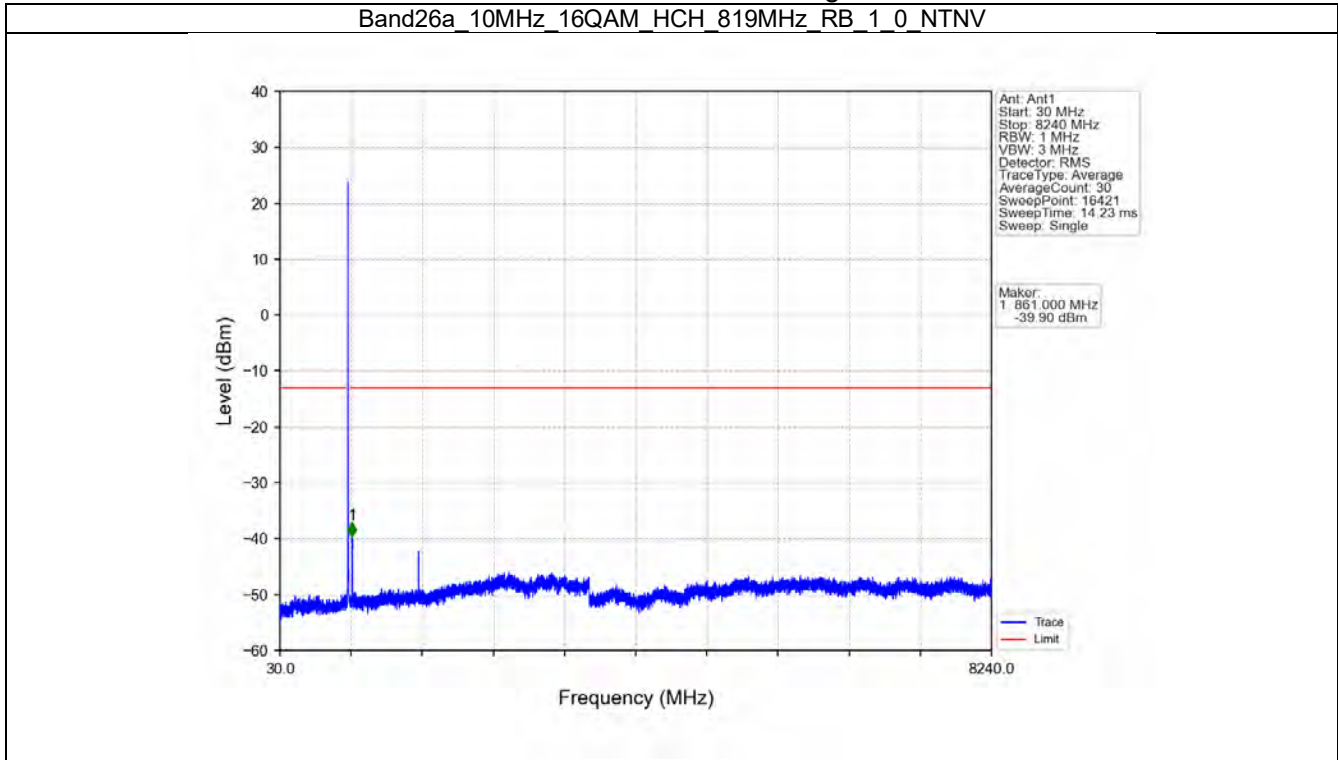
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Report No.: SEWM2311000454RG01

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Band26a_10MHz_16QAM_HCH_819MHz_RB_1_0_NTNV



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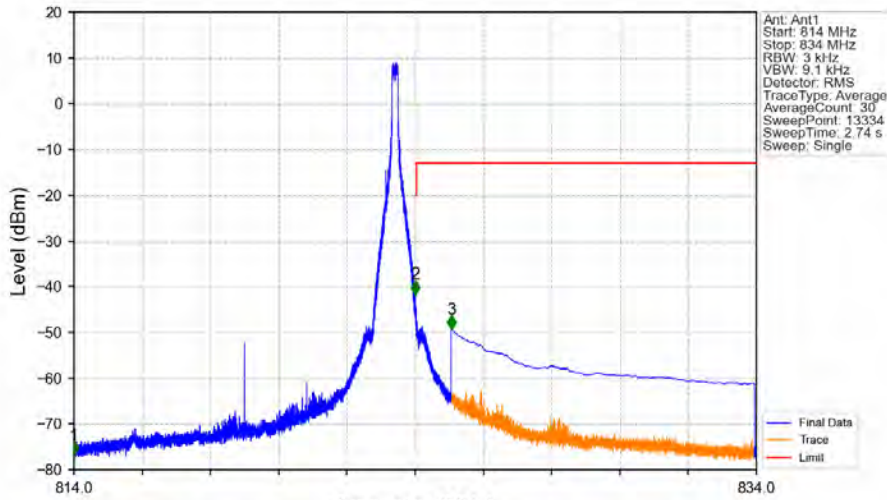
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	1	814.000	-76.86	-13	Pass
824	825	0.003	/	2	824.002	-41.66	-20	Pass
824	834	0.1	CHP	3	825.054	-49.35	-13	Pass



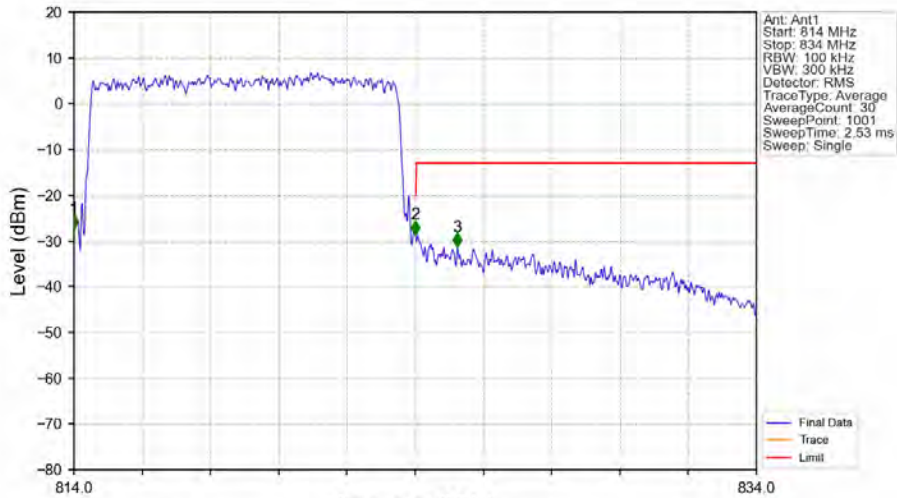
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Band26a_10MHz_16QAM_HCH_819MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.103	/	1	814.000	-27.24	-13	Pass
824	825	0.103	/	2	824.000	-28.61	-20	Pass
824	825	0.1	/	3	825.240	-31.33	-13	Pass



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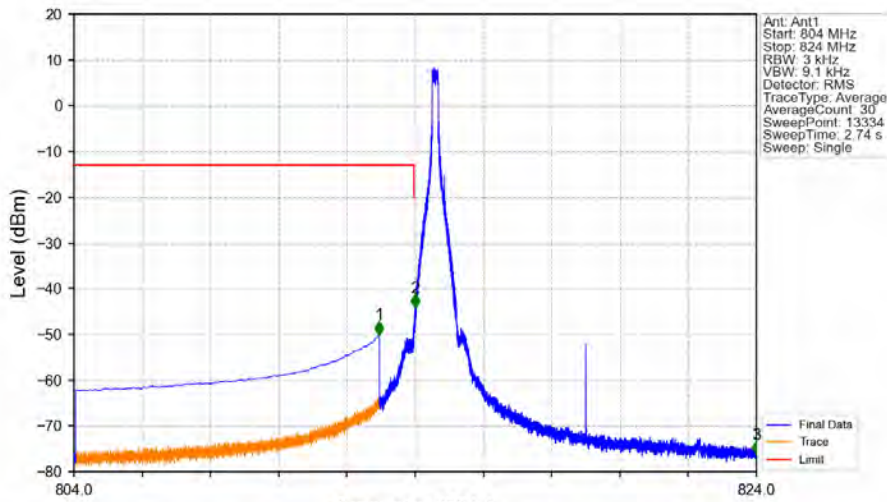
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Band26a_10MHz_64QAM_LCH_819MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
804	813	0.1	CHP	1	812.946	-50.11	-13	Pass
813	814	0.003	/	2	813.998	-44.20	-20	Pass
814	824	0.003	/	3	824.000	-76.35	-13	Pass



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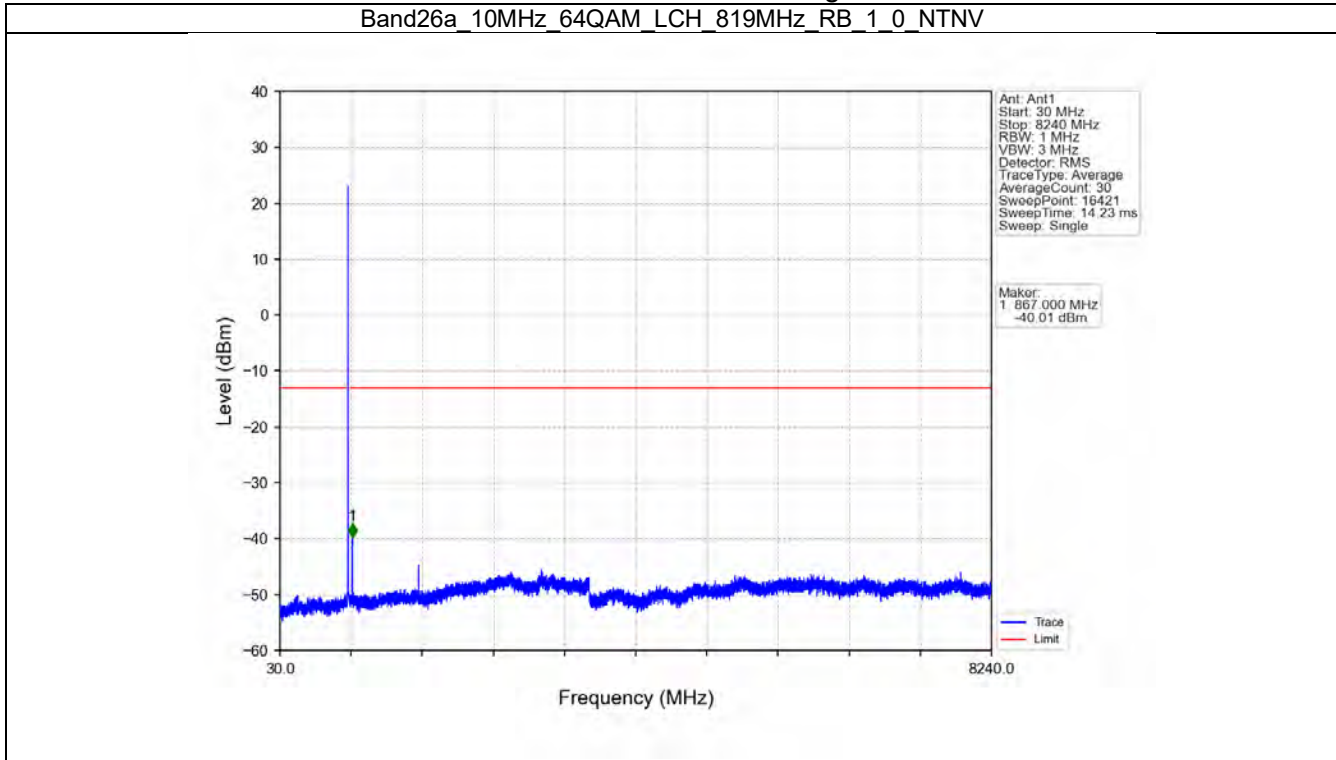
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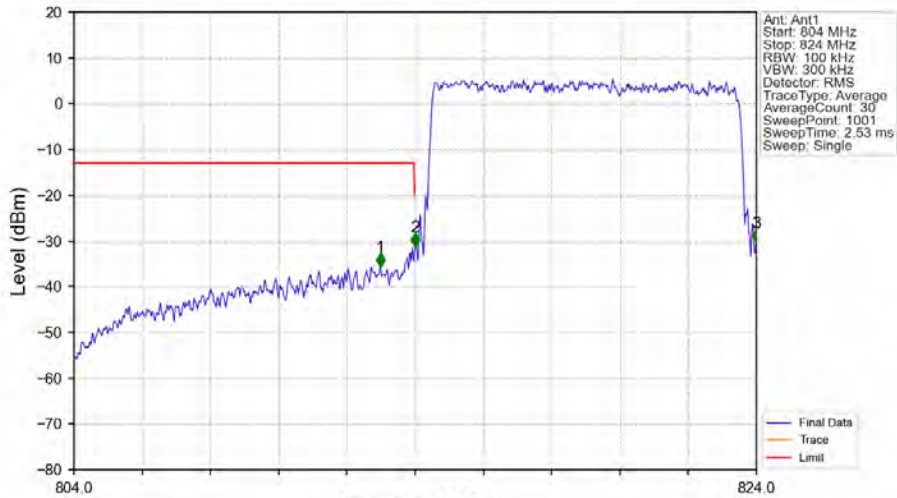
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
804	813	0.1	/	1	812.980	-35.72	-13	Pass
813	814	0.101	/	2	814.000	-31.28	-20	Pass
814	824	0.101	/	3	824.000	-30.47	-13	Pass



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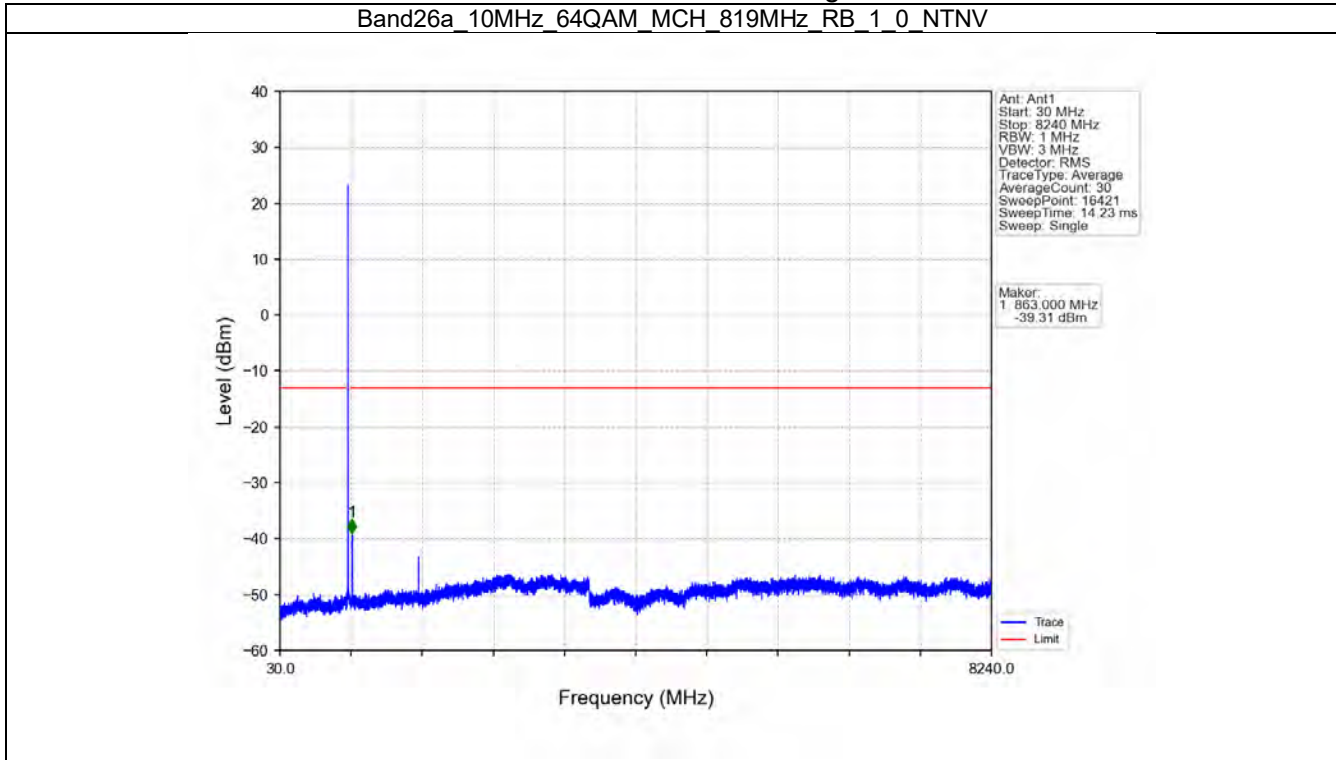
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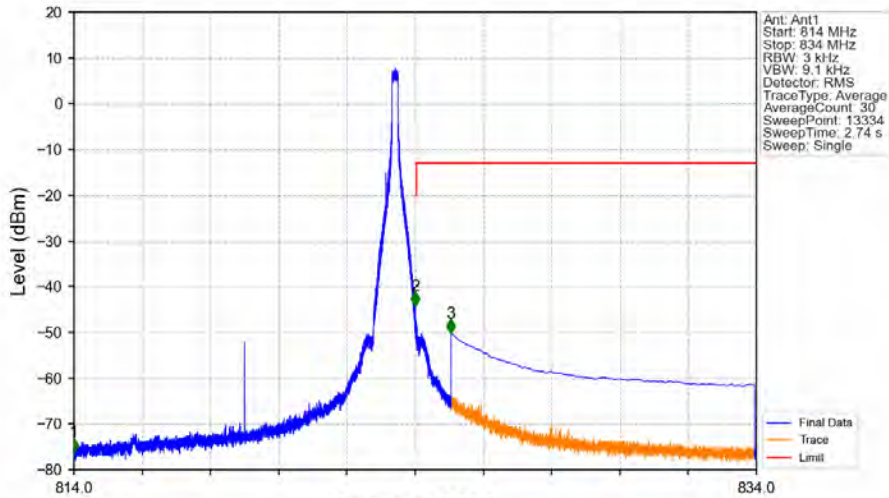
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	1	814.000	-76.21	-13	Pass
824	825	0.003	/	2	824.004	-44.16	-20	Pass
824	834	0.1	CHP	3	825.051	-50.17	-13	Pass



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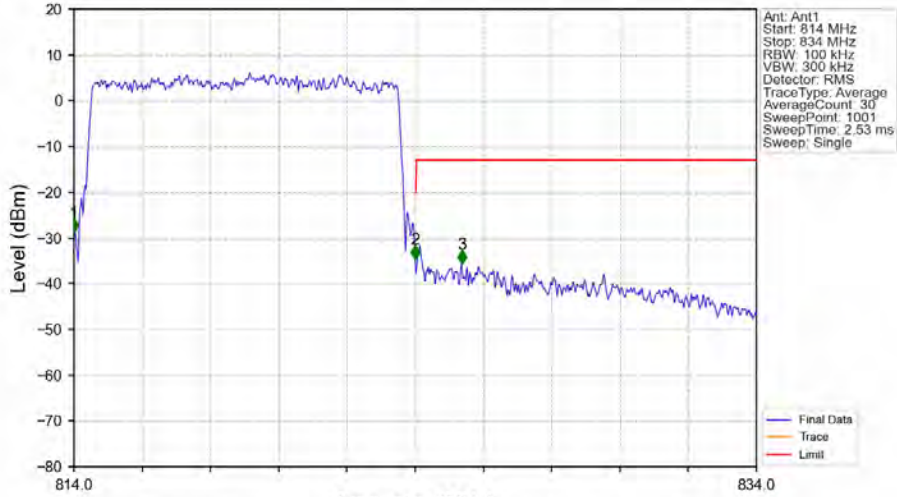
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.101	/	1	814.000	-28.89	-13	Pass
824	824	0.101	/	/	/	/	/	/
824	825	0.101	/	2	824.000	-34.67	-20	Pass
825	834	0.1	/	3	825.360	-35.70	-13	Pass



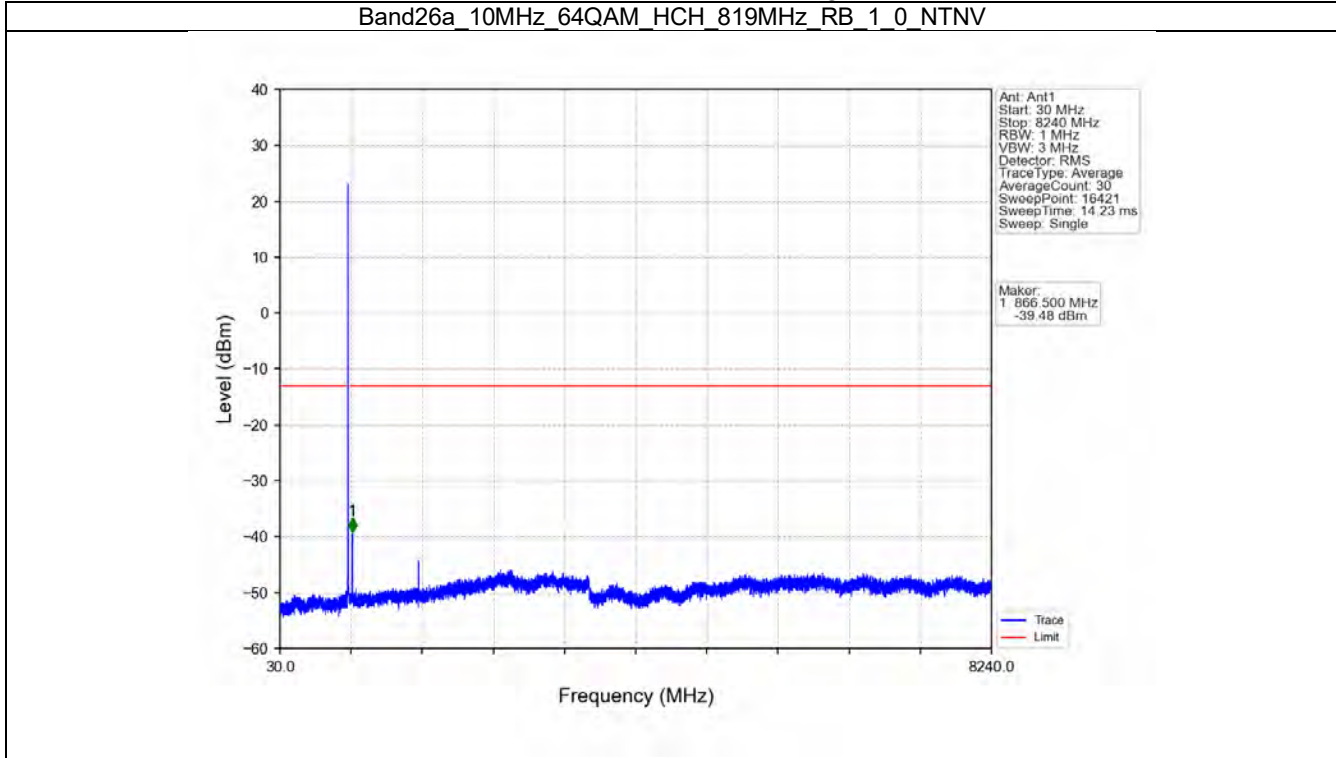
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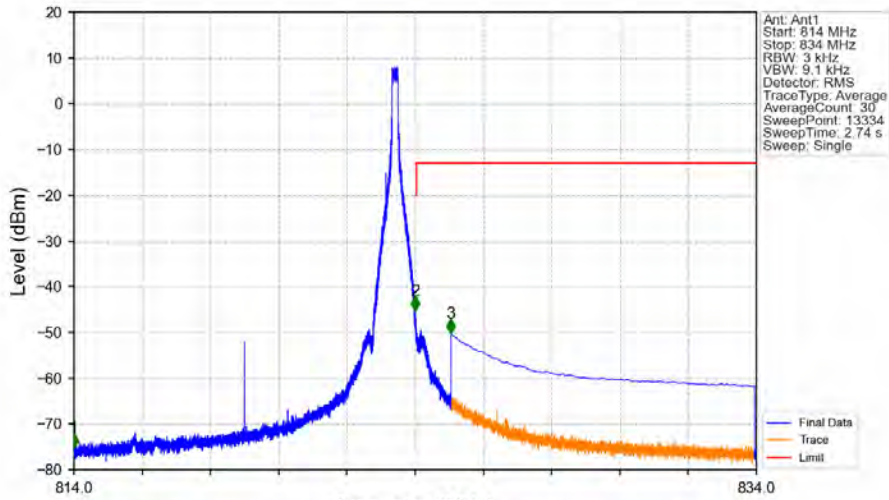
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	1	814.000	-75.28	-13	Pass
824	825	0.003	/	2	824.004	-45.26	-20	Pass
824	834	0.1	CHP	3	825.051	-50.20	-13	Pass



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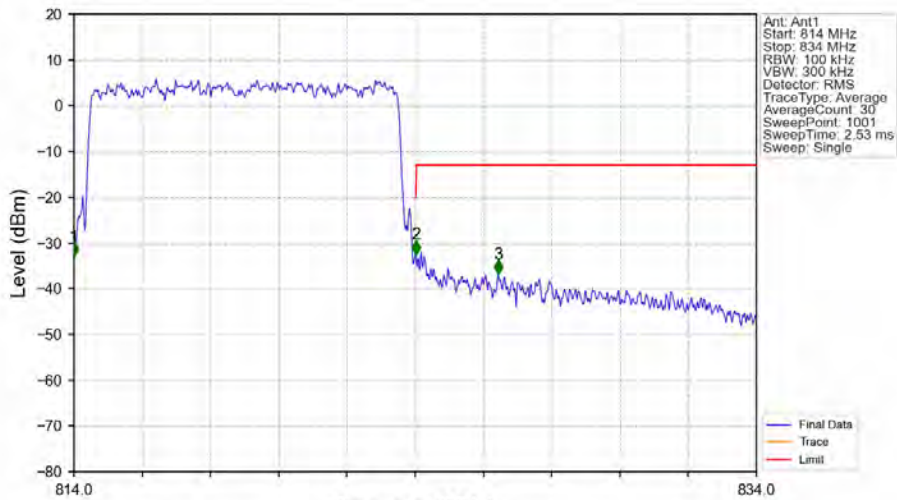
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.103	/	1	814.000	-32.95	-13	Pass
824	825	0.103	/	2	824.020	-32.49	-20	Pass
825	834	0.1	/	3	826.440	-36.81	-13	Pass



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6. Field Strength of Spurious Radiation

Test Band = LTE Band 26_90S TM1
 Test Channel = Mid Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1629.18	45.90	-49.87	25.22	-74.01	-13.00	61.01	Horizontal
2	2443.77	44.64	-49.22	27.23	-72.61	-13.00	59.61	Horizontal
3	3258.36	44.14	-48.63	28.60	-71.14	-13.00	58.14	Horizontal
4	4072.95	43.57	-48.28	29.53	-70.44	-13.00	57.44	Horizontal
5	4887.54	43.24	-48.15	31.23	-68.94	-13.00	55.94	Horizontal
6	5702.13	42.59	-47.50	32.74	-67.43	-13.00	54.43	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1629.18	45.34	-49.87	25.22	-74.57	-13.00	61.57	Vertical
2	2443.77	44.58	-49.22	27.23	-72.67	-13.00	59.67	Vertical
3	3258.36	44.21	-48.63	28.60	-71.07	-13.00	58.07	Vertical
4	4072.95	43.60	-48.28	29.53	-70.41	-13.00	57.41	Vertical
5	4887.54	44.32	-48.15	31.23	-67.86	-13.00	54.86	Vertical
6	5702.13	42.87	-47.50	32.74	-67.15	-13.00	54.15	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

2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---



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