



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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Appendix B.39

NR Band n26(814-824)



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Shenzhen Branch Wireless Laboratory

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1. Transmitter Conducted Power Output

1.1 15k_SISO_5MHz_NTNV_ERP

1.1.1 Test Result

5G NR n26a SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	816.5	Edge_1RB_Left	23.54	/	/	23.79	/	/	<=38.45	Pass
		Edge_1RB_Right	23.53	/	/	23.78	/	/	<=38.45	Pass
		Outer_Full	23.44	/	/	23.69	/	/	<=38.45	Pass
		Inner_Full	23.56	/	/	23.81	/	/	<=38.45	Pass
		Inner_1RB_Left	23.43	/	/	23.68	/	/	<=38.45	Pass
		Inner_1RB_Right	23.56	/	/	23.81	/	/	<=38.45	Pass
	819	Edge_1RB_Left	23.46	/	/	23.71	/	/	<=38.45	Pass
		Edge_1RB_Right	23.65	/	/	23.9	/	/	<=38.45	Pass
		Outer_Full	23.54	/	/	23.79	/	/	<=38.45	Pass
		Inner_Full	23.54	/	/	23.79	/	/	<=38.45	Pass
		Inner_1RB_Left	23.51	/	/	23.76	/	/	<=38.45	Pass
		Inner_1RB_Right	23.63	/	/	23.88	/	/	<=38.45	Pass
	821.5	Edge_1RB_Left	23.58	/	/	23.83	/	/	<=38.45	Pass
		Edge_1RB_Right	23.71	/	/	23.96	/	/	<=38.45	Pass
		Outer_Full	23.61	/	/	23.86	/	/	<=38.45	Pass
		Inner_Full	23.73	/	/	23.98	/	/	<=38.45	Pass
		Inner_1RB_Left	23.61	/	/	23.86	/	/	<=38.45	Pass
		Inner_1RB_Right	23.63	/	/	23.88	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	816.5	Edge_1RB_Left	23.06	/	/	23.31	/	/	<=38.45	Pass
		Edge_1RB_Right	23.02	/	/	23.27	/	/	<=38.45	Pass
		Outer_Full	21.59	/	/	21.84	/	/	<=38.45	Pass
		Inner_Full	23.71	/	/	23.96	/	/	<=38.45	Pass
		Inner_1RB_Left	23.57	/	/	23.82	/	/	<=38.45	Pass
		Inner_1RB_Right	23.56	/	/	23.81	/	/	<=38.45	Pass
	819	Edge_1RB_Left	23.05	/	/	23.3	/	/	<=38.45	Pass
		Edge_1RB_Right	22.98	/	/	23.23	/	/	<=38.45	Pass
		Outer_Full	21.58	/	/	21.83	/	/	<=38.45	Pass
		Inner_Full	23.61	/	/	23.86	/	/	<=38.45	Pass
		Inner_1RB_Left	23.40	/	/	23.65	/	/	<=38.45	Pass
		Inner_1RB_Right	23.61	/	/	23.86	/	/	<=38.45	Pass
	821.5	Edge_1RB_Left	23.09	/	/	23.34	/	/	<=38.45	Pass
		Edge_1RB_Right	23.15	/	/	23.4	/	/	<=38.45	Pass
		Outer_Full	21.70	/	/	21.95	/	/	<=38.45	Pass



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DFT-s-OFDM 16 QAM	816.5	Inner_Full	23.67	/	/	23.92	/	/	<=38.45	Pass
		Inner_1RB_Left	23.57	/	/	23.82	/	/	<=38.45	Pass
		Inner_1RB_Right	23.75	/	/	24	/	/	<=38.45	Pass
	819	Edge_1RB_Left	21.94	/	/	22.19	/	/	<=38.45	Pass
		Edge_1RB_Right	22.07	/	/	22.32	/	/	<=38.45	Pass
		Outer_Full	20.65	/	/	20.9	/	/	<=38.45	Pass
	821.5	Inner_Full	23.13	/	/	23.38	/	/	<=38.45	Pass
		Inner_1RB_Left	22.95	/	/	23.2	/	/	<=38.45	Pass
		Inner_1RB_Right	23.03	/	/	23.28	/	/	<=38.45	Pass
	819	Edge_1RB_Left	22.04	/	/	22.29	/	/	<=38.45	Pass
		Edge_1RB_Right	22.03	/	/	22.28	/	/	<=38.45	Pass
		Outer_Full	20.66	/	/	20.91	/	/	<=38.45	Pass
	821.5	Inner_Full	23.11	/	/	23.36	/	/	<=38.45	Pass
		Inner_1RB_Left	23.14	/	/	23.39	/	/	<=38.45	Pass
		Inner_1RB_Right	23.04	/	/	23.29	/	/	<=38.45	Pass
821.5	Edge_1RB_Left	22.03	/	/	22.28	/	/	<=38.45	Pass	
	Edge_1RB_Right	22.08	/	/	22.33	/	/	<=38.45	Pass	
	Outer_Full	20.67	/	/	20.92	/	/	<=38.45	Pass	
821.5	Inner_Full	23.23	/	/	23.48	/	/	<=38.45	Pass	
	Inner_1RB_Left	23.05	/	/	23.3	/	/	<=38.45	Pass	
	Inner_1RB_Right	23.01	/	/	23.26	/	/	<=38.45	Pass	
DFT-s-OFDM 64 QAM	816.5	Edge_1RB_Left	21.69	/	/	21.94	/	/	<=38.45	Pass
		Edge_1RB_Right	21.70	/	/	21.95	/	/	<=38.45	Pass
		Outer_Full	19.97	/	/	20.22	/	/	<=38.45	Pass
	819	Inner_Full	21.54	/	/	21.79	/	/	<=38.45	Pass
		Inner_1RB_Left	21.64	/	/	21.89	/	/	<=38.45	Pass
		Inner_1RB_Right	21.59	/	/	21.84	/	/	<=38.45	Pass
	819	Edge_1RB_Left	21.73	/	/	21.98	/	/	<=38.45	Pass
		Edge_1RB_Right	21.79	/	/	22.04	/	/	<=38.45	Pass
		Outer_Full	20.15	/	/	20.4	/	/	<=38.45	Pass
	821.5	Inner_Full	21.75	/	/	22	/	/	<=38.45	Pass
		Inner_1RB_Left	21.66	/	/	21.91	/	/	<=38.45	Pass
		Inner_1RB_Right	21.71	/	/	21.96	/	/	<=38.45	Pass
	821.5	Edge_1RB_Left	21.74	/	/	21.99	/	/	<=38.45	Pass
		Edge_1RB_Right	21.74	/	/	21.99	/	/	<=38.45	Pass
		Outer_Full	20.14	/	/	20.39	/	/	<=38.45	Pass
821.5	Inner_Full	21.75	/	/	22	/	/	<=38.45	Pass	
	Inner_1RB_Left	21.86	/	/	22.11	/	/	<=38.45	Pass	
	Inner_1RB_Right	21.83	/	/	22.08	/	/	<=38.45	Pass	
DFT-s-OFDM 256 QAM	816.5	Edge_1RB_Left	18.97	/	/	19.22	/	/	<=38.45	Pass
		Edge_1RB_Right	19.03	/	/	19.28	/	/	<=38.45	Pass
		Outer_Full	17.00	/	/	17.25	/	/	<=38.45	Pass
		Inner_Full	19.46	/	/	19.71	/	/	<=38.45	Pass



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	819	Inner_1RB_Left	18.95	/	/	19.2	/	/	<=38.45	Pass	
		Inner_1RB_Right	19.02	/	/	19.27	/	/	<=38.45	Pass	
		Edge_1RB_Left	19.06	/	/	19.31	/	/	<=38.45	Pass	
		Edge_1RB_Right	19.09	/	/	19.34	/	/	<=38.45	Pass	
		Outer_Full	17.13	/	/	17.38	/	/	<=38.45	Pass	
		Inner_Full	19.62	/	/	19.87	/	/	<=38.45	Pass	
	821.5	Inner_1RB_Left	19.05	/	/	19.3	/	/	<=38.45	Pass	
		Inner_1RB_Right	19.14	/	/	19.39	/	/	<=38.45	Pass	
		Edge_1RB_Left	19.11	/	/	19.36	/	/	<=38.45	Pass	
		Edge_1RB_Right	19.24	/	/	19.49	/	/	<=38.45	Pass	
		Outer_Full	17.06	/	/	17.31	/	/	<=38.45	Pass	
		Inner_Full	19.61	/	/	19.86	/	/	<=38.45	Pass	
	CP-OFDM QPSK	816.5	Inner_1RB_Left	19.11	/	/	19.36	/	/	<=38.45	Pass
			Inner_1RB_Right	19.11	/	/	19.36	/	/	<=38.45	Pass
Edge_1RB_Left			21.12	/	/	21.37	/	/	<=38.45	Pass	
Edge_1RB_Right			21.17	/	/	21.42	/	/	<=38.45	Pass	
Outer_Full			21.07	/	/	21.32	/	/	<=38.45	Pass	
Inner_Full			22.55	/	/	22.8	/	/	<=38.45	Pass	
819		Inner_1RB_Left	22.46	/	/	22.71	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.45	/	/	22.7	/	/	<=38.45	Pass	
		Edge_1RB_Left	21.03	/	/	21.28	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.04	/	/	21.29	/	/	<=38.45	Pass	
		Outer_Full	21.13	/	/	21.38	/	/	<=38.45	Pass	
		Inner_Full	22.70	/	/	22.95	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.67	/	/	22.92	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.91	/	/	23.16	/	/	<=38.45	Pass	
821.5	Edge_1RB_Left	21.10	/	/	21.35	/	/	<=38.45	Pass		
	Edge_1RB_Right	21.22	/	/	21.47	/	/	<=38.45	Pass		
	Outer_Full	21.21	/	/	21.46	/	/	<=38.45	Pass		
	Inner_Full	22.69	/	/	22.94	/	/	<=38.45	Pass		
	Inner_1RB_Left	22.54	/	/	22.79	/	/	<=38.45	Pass		
	Inner_1RB_Right	22.60	/	/	22.85	/	/	<=38.45	Pass		
CP-OFDM 16 QAM	816.5	Edge_1RB_Left	20.98	/	/	21.23	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.00	/	/	21.25	/	/	<=38.45	Pass	
		Outer_Full	19.09	/	/	19.34	/	/	<=38.45	Pass	
		Inner_Full	22.03	/	/	22.28	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.34	/	/	22.59	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.26	/	/	22.51	/	/	<=38.45	Pass	
	819	Edge_1RB_Left	20.96	/	/	21.21	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.19	/	/	21.44	/	/	<=38.45	Pass	
		Outer_Full	19.19	/	/	19.44	/	/	<=38.45	Pass	
		Inner_Full	22.00	/	/	22.25	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.10	/	/	22.35	/	/	<=38.45	Pass	



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	821.5	Inner_1RB_Right	22.22	/	/	22.47	/	/	<=38.45	Pass
		Edge_1RB_Left	21.08	/	/	21.33	/	/	<=38.45	Pass
		Edge_1RB_Right	21.23	/	/	21.48	/	/	<=38.45	Pass
		Outer_Full	19.16	/	/	19.41	/	/	<=38.45	Pass
		Inner_Full	22.14	/	/	22.39	/	/	<=38.45	Pass
		Inner_1RB_Left	22.15	/	/	22.4	/	/	<=38.45	Pass
		Inner_1RB_Right	22.30	/	/	22.55	/	/	<=38.45	Pass
CP-OFDM 64 QAM	816.5	Edge_1RB_Left	20.69	/	/	20.94	/	/	<=38.45	Pass
		Edge_1RB_Right	20.69	/	/	20.94	/	/	<=38.45	Pass
		Outer_Full	18.52	/	/	18.77	/	/	<=38.45	Pass
		Inner_Full	20.50	/	/	20.75	/	/	<=38.45	Pass
		Inner_1RB_Left	20.55	/	/	20.8	/	/	<=38.45	Pass
		Inner_1RB_Right	20.60	/	/	20.85	/	/	<=38.45	Pass
	819	Edge_1RB_Left	20.52	/	/	20.77	/	/	<=38.45	Pass
		Edge_1RB_Right	20.68	/	/	20.93	/	/	<=38.45	Pass
		Outer_Full	18.53	/	/	18.78	/	/	<=38.45	Pass
		Inner_Full	20.58	/	/	20.83	/	/	<=38.45	Pass
		Inner_1RB_Left	20.62	/	/	20.87	/	/	<=38.45	Pass
		Inner_1RB_Right	20.74	/	/	20.99	/	/	<=38.45	Pass
	821.5	Edge_1RB_Left	20.61	/	/	20.86	/	/	<=38.45	Pass
		Edge_1RB_Right	20.69	/	/	20.94	/	/	<=38.45	Pass
Outer_Full		18.59	/	/	18.84	/	/	<=38.45	Pass	
Inner_Full		20.68	/	/	20.93	/	/	<=38.45	Pass	
Inner_1RB_Left		20.75	/	/	21	/	/	<=38.45	Pass	
Inner_1RB_Right		20.60	/	/	20.85	/	/	<=38.45	Pass	
CP-OFDM 256 QAM	816.5	Edge_1RB_Left	17.12	/	/	17.37	/	/	<=38.45	Pass
		Edge_1RB_Right	17.06	/	/	17.31	/	/	<=38.45	Pass
		Outer_Full	15.57	/	/	15.82	/	/	<=38.45	Pass
		Inner_Full	17.57	/	/	17.82	/	/	<=38.45	Pass
		Inner_1RB_Left	17.06	/	/	17.31	/	/	<=38.45	Pass
		Inner_1RB_Right	17.10	/	/	17.35	/	/	<=38.45	Pass
	819	Edge_1RB_Left	17.25	/	/	17.5	/	/	<=38.45	Pass
		Edge_1RB_Right	17.21	/	/	17.46	/	/	<=38.45	Pass
		Outer_Full	15.69	/	/	15.94	/	/	<=38.45	Pass
		Inner_Full	17.69	/	/	17.94	/	/	<=38.45	Pass
		Inner_1RB_Left	17.13	/	/	17.38	/	/	<=38.45	Pass
		Inner_1RB_Right	17.17	/	/	17.42	/	/	<=38.45	Pass
	821.5	Edge_1RB_Left	17.24	/	/	17.49	/	/	<=38.45	Pass
		Edge_1RB_Right	17.25	/	/	17.5	/	/	<=38.45	Pass
		Outer_Full	15.64	/	/	15.89	/	/	<=38.45	Pass
		Inner_Full	17.79	/	/	18.04	/	/	<=38.45	Pass
		Inner_1RB_Left	17.13	/	/	17.38	/	/	<=38.45	Pass
		Inner_1RB_Right	17.25	/	/	17.5	/	/	<=38.45	Pass



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Note1: Antenna Gain: Ant1:2.4dBi;
 Note2: ERP=Conducted Power+Antenna Gain-2.15

1.2 15k_SISO_10MHz_NTNV_ERP

1.2.1 Test Result

5G NR n26a SCS=15kHz SISO 10MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	819	Edge_1RB_Left	23.63	/	/	23.88	/	/	<=38.45	Pass
		Edge_1RB_Right	23.69	/	/	23.94	/	/	<=38.45	Pass
		Outer_Full	23.63	/	/	23.88	/	/	<=38.45	Pass
		Inner_Full	23.59	/	/	23.84	/	/	<=38.45	Pass
		Inner_1RB_Left	23.66	/	/	23.91	/	/	<=38.45	Pass
		Inner_1RB_Right	23.71	/	/	23.96	/	/	<=38.45	Pass
	819	Edge_1RB_Left	23.58	/	/	23.83	/	/	<=38.45	Pass
		Edge_1RB_Right	23.69	/	/	23.94	/	/	<=38.45	Pass
		Outer_Full	23.62	/	/	23.87	/	/	<=38.45	Pass
		Inner_Full	23.54	/	/	23.79	/	/	<=38.45	Pass
		Inner_1RB_Left	23.57	/	/	23.82	/	/	<=38.45	Pass
		Inner_1RB_Right	23.70	/	/	23.95	/	/	<=38.45	Pass
	819	Edge_1RB_Left	23.54	/	/	23.79	/	/	<=38.45	Pass
		Edge_1RB_Right	23.64	/	/	23.89	/	/	<=38.45	Pass
		Outer_Full	23.60	/	/	23.85	/	/	<=38.45	Pass
		Inner_Full	23.50	/	/	23.75	/	/	<=38.45	Pass
		Inner_1RB_Left	23.44	/	/	23.69	/	/	<=38.45	Pass
		Inner_1RB_Right	23.59	/	/	23.84	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	819	Edge_1RB_Left	23.12	/	/	23.37	/	/	<=38.45	Pass
		Edge_1RB_Right	23.22	/	/	23.47	/	/	<=38.45	Pass
		Outer_Full	21.71	/	/	21.96	/	/	<=38.45	Pass
		Inner_Full	23.58	/	/	23.83	/	/	<=38.45	Pass
		Inner_1RB_Left	23.50	/	/	23.75	/	/	<=38.45	Pass
		Inner_1RB_Right	23.72	/	/	23.97	/	/	<=38.45	Pass
	819	Edge_1RB_Left	23.13	/	/	23.38	/	/	<=38.45	Pass
		Edge_1RB_Right	23.15	/	/	23.4	/	/	<=38.45	Pass
		Outer_Full	21.70	/	/	21.95	/	/	<=38.45	Pass
		Inner_Full	23.59	/	/	23.84	/	/	<=38.45	Pass
		Inner_1RB_Left	23.54	/	/	23.79	/	/	<=38.45	Pass
		Inner_1RB_Right	23.68	/	/	23.93	/	/	<=38.45	Pass
	819	Edge_1RB_Left	22.96	/	/	23.21	/	/	<=38.45	Pass



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		Edge_1RB_Right	23.16	/	/	23.41	/	/	<=38.45	Pass
		Outer_Full	21.54	/	/	21.79	/	/	<=38.45	Pass
		Inner_Full	23.52	/	/	23.77	/	/	<=38.45	Pass
		Inner_1RB_Left	23.52	/	/	23.77	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	819	Inner_1RB_Right	23.66	/	/	23.91	/	/	<=38.45	Pass
		Edge_1RB_Left	22.01	/	/	22.26	/	/	<=38.45	Pass
		Edge_1RB_Right	22.17	/	/	22.42	/	/	<=38.45	Pass
		Outer_Full	20.61	/	/	20.86	/	/	<=38.45	Pass
		Inner_Full	23.22	/	/	23.47	/	/	<=38.45	Pass
		Inner_1RB_Left	22.93	/	/	23.18	/	/	<=38.45	Pass
	819	Inner_1RB_Right	23.02	/	/	23.27	/	/	<=38.45	Pass
		Edge_1RB_Left	22.06	/	/	22.31	/	/	<=38.45	Pass
		Edge_1RB_Right	22.15	/	/	22.4	/	/	<=38.45	Pass
		Outer_Full	20.60	/	/	20.85	/	/	<=38.45	Pass
		Inner_Full	23.17	/	/	23.42	/	/	<=38.45	Pass
		Inner_1RB_Left	22.98	/	/	23.23	/	/	<=38.45	Pass
	819	Inner_1RB_Right	23.14	/	/	23.39	/	/	<=38.45	Pass
		Edge_1RB_Left	22.06	/	/	22.31	/	/	<=38.45	Pass
		Edge_1RB_Right	22.02	/	/	22.27	/	/	<=38.45	Pass
		Outer_Full	20.43	/	/	20.68	/	/	<=38.45	Pass
Inner_Full		23.07	/	/	23.32	/	/	<=38.45	Pass	
Inner_1RB_Left		22.86	/	/	23.11	/	/	<=38.45	Pass	
DFT-s-OFDM 64 QAM	819	Inner_1RB_Right	23.00	/	/	23.25	/	/	<=38.45	Pass
		Edge_1RB_Left	21.79	/	/	22.04	/	/	<=38.45	Pass
		Edge_1RB_Right	21.96	/	/	22.21	/	/	<=38.45	Pass
		Outer_Full	20.21	/	/	20.46	/	/	<=38.45	Pass
		Inner_Full	21.62	/	/	21.87	/	/	<=38.45	Pass
		Inner_1RB_Left	21.84	/	/	22.09	/	/	<=38.45	Pass
	819	Inner_1RB_Right	21.77	/	/	22.02	/	/	<=38.45	Pass
		Edge_1RB_Left	21.78	/	/	22.03	/	/	<=38.45	Pass
		Edge_1RB_Right	21.84	/	/	22.09	/	/	<=38.45	Pass
		Outer_Full	20.21	/	/	20.46	/	/	<=38.45	Pass
		Inner_Full	21.56	/	/	21.81	/	/	<=38.45	Pass
		Inner_1RB_Left	21.76	/	/	22.01	/	/	<=38.45	Pass
	819	Inner_1RB_Right	21.84	/	/	22.09	/	/	<=38.45	Pass
		Edge_1RB_Left	21.68	/	/	21.93	/	/	<=38.45	Pass
		Edge_1RB_Right	21.77	/	/	22.02	/	/	<=38.45	Pass
		Outer_Full	19.99	/	/	20.24	/	/	<=38.45	Pass
Inner_Full		21.56	/	/	21.81	/	/	<=38.45	Pass	
Inner_1RB_Left		21.75	/	/	22	/	/	<=38.45	Pass	
DFT-s-OFDM 256 QAM	819	Inner_1RB_Right	21.75	/	/	22	/	/	<=38.45	Pass
		Edge_1RB_Left	19.14	/	/	19.39	/	/	<=38.45	Pass
		Edge_1RB_Right	19.26	/	/	19.51	/	/	<=38.45	Pass



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		Outer_Full	17.02	/	/	17.27	/	/	<=38.45	Pass
		Inner_Full	19.59	/	/	19.84	/	/	<=38.45	Pass
		Inner_1RB_Left	19.10	/	/	19.35	/	/	<=38.45	Pass
		Inner_1RB_Right	19.23	/	/	19.48	/	/	<=38.45	Pass
	819	Edge_1RB_Left	18.98	/	/	19.23	/	/	<=38.45	Pass
		Edge_1RB_Right	19.10	/	/	19.35	/	/	<=38.45	Pass
		Outer_Full	17.05	/	/	17.3	/	/	<=38.45	Pass
		Inner_Full	19.55	/	/	19.8	/	/	<=38.45	Pass
	819	Inner_1RB_Left	19.01	/	/	19.26	/	/	<=38.45	Pass
		Inner_1RB_Right	19.13	/	/	19.38	/	/	<=38.45	Pass
		Edge_1RB_Left	19.04	/	/	19.29	/	/	<=38.45	Pass
		Edge_1RB_Right	19.09	/	/	19.34	/	/	<=38.45	Pass
CP-OFDM QPSK	819	Outer_Full	17.16	/	/	17.41	/	/	<=38.45	Pass
		Inner_Full	19.49	/	/	19.74	/	/	<=38.45	Pass
		Inner_1RB_Left	18.91	/	/	19.16	/	/	<=38.45	Pass
		Inner_1RB_Right	19.04	/	/	19.29	/	/	<=38.45	Pass
	819	Edge_1RB_Left	21.06	/	/	21.31	/	/	<=38.45	Pass
		Edge_1RB_Right	21.13	/	/	21.38	/	/	<=38.45	Pass
		Outer_Full	21.11	/	/	21.36	/	/	<=38.45	Pass
		Inner_Full	22.54	/	/	22.79	/	/	<=38.45	Pass
	819	Inner_1RB_Left	22.57	/	/	22.82	/	/	<=38.45	Pass
		Inner_1RB_Right	22.75	/	/	23	/	/	<=38.45	Pass
		Edge_1RB_Left	21.06	/	/	21.31	/	/	<=38.45	Pass
		Edge_1RB_Right	21.12	/	/	21.37	/	/	<=38.45	Pass
819	Outer_Full	21.12	/	/	21.37	/	/	<=38.45	Pass	
	Inner_Full	22.59	/	/	22.84	/	/	<=38.45	Pass	
	Inner_1RB_Left	22.33	/	/	22.58	/	/	<=38.45	Pass	
	Inner_1RB_Right	22.74	/	/	22.99	/	/	<=38.45	Pass	
819	Edge_1RB_Left	20.91	/	/	21.16	/	/	<=38.45	Pass	
	Edge_1RB_Right	20.95	/	/	21.2	/	/	<=38.45	Pass	
	Outer_Full	21.08	/	/	21.33	/	/	<=38.45	Pass	
	Inner_Full	22.57	/	/	22.82	/	/	<=38.45	Pass	
CP-OFDM 16 QAM	819	Inner_1RB_Left	22.35	/	/	22.6	/	/	<=38.45	Pass
		Inner_1RB_Right	22.41	/	/	22.66	/	/	<=38.45	Pass
		Edge_1RB_Left	20.93	/	/	21.18	/	/	<=38.45	Pass
		Edge_1RB_Right	21.19	/	/	21.44	/	/	<=38.45	Pass
	819	Outer_Full	19.17	/	/	19.42	/	/	<=38.45	Pass
		Inner_Full	22.12	/	/	22.37	/	/	<=38.45	Pass
		Inner_1RB_Left	22.14	/	/	22.39	/	/	<=38.45	Pass
		Inner_1RB_Right	22.21	/	/	22.46	/	/	<=38.45	Pass
	819	Edge_1RB_Left	20.93	/	/	21.18	/	/	<=38.45	Pass
		Edge_1RB_Right	20.95	/	/	21.2	/	/	<=38.45	Pass
		Outer_Full	19.05	/	/	19.3	/	/	<=38.45	Pass



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		Inner_Full	22.07	/	/	22.32	/	/	<=38.45	Pass
		Inner_1RB_Left	22.14	/	/	22.39	/	/	<=38.45	Pass
		Inner_1RB_Right	22.22	/	/	22.47	/	/	<=38.45	Pass
	819	Edge_1RB_Left	21.01	/	/	21.26	/	/	<=38.45	Pass
		Edge_1RB_Right	21.21	/	/	21.46	/	/	<=38.45	Pass
		Outer_Full	19.03	/	/	19.28	/	/	<=38.45	Pass
		Inner_Full	22.00	/	/	22.25	/	/	<=38.45	Pass
		Inner_1RB_Left	22.00	/	/	22.25	/	/	<=38.45	Pass
		Inner_1RB_Right	22.25	/	/	22.5	/	/	<=38.45	Pass
CP-OFDM 64 QAM	819	Edge_1RB_Left	20.70	/	/	20.95	/	/	<=38.45	Pass
		Edge_1RB_Right	20.84	/	/	21.09	/	/	<=38.45	Pass
		Outer_Full	18.69	/	/	18.94	/	/	<=38.45	Pass
		Inner_Full	20.59	/	/	20.84	/	/	<=38.45	Pass
		Inner_1RB_Left	20.68	/	/	20.93	/	/	<=38.45	Pass
		Inner_1RB_Right	20.86	/	/	21.11	/	/	<=38.45	Pass
	819	Edge_1RB_Left	20.60	/	/	20.85	/	/	<=38.45	Pass
		Edge_1RB_Right	20.75	/	/	21	/	/	<=38.45	Pass
		Outer_Full	18.60	/	/	18.85	/	/	<=38.45	Pass
		Inner_Full	20.53	/	/	20.78	/	/	<=38.45	Pass
		Inner_1RB_Left	20.62	/	/	20.87	/	/	<=38.45	Pass
		Inner_1RB_Right	20.72	/	/	20.97	/	/	<=38.45	Pass
	819	Edge_1RB_Left	20.48	/	/	20.73	/	/	<=38.45	Pass
		Edge_1RB_Right	20.67	/	/	20.92	/	/	<=38.45	Pass
		Outer_Full	18.46	/	/	18.71	/	/	<=38.45	Pass
		Inner_Full	20.49	/	/	20.74	/	/	<=38.45	Pass
		Inner_1RB_Left	20.48	/	/	20.73	/	/	<=38.45	Pass
		Inner_1RB_Right	20.65	/	/	20.9	/	/	<=38.45	Pass
CP-OFDM 256 QAM	819	Edge_1RB_Left	17.16	/	/	17.41	/	/	<=38.45	Pass
		Edge_1RB_Right	17.30	/	/	17.55	/	/	<=38.45	Pass
		Outer_Full	15.69	/	/	15.94	/	/	<=38.45	Pass
		Inner_Full	17.63	/	/	17.88	/	/	<=38.45	Pass
		Inner_1RB_Left	17.28	/	/	17.53	/	/	<=38.45	Pass
		Inner_1RB_Right	17.34	/	/	17.59	/	/	<=38.45	Pass
	819	Edge_1RB_Left	17.09	/	/	17.34	/	/	<=38.45	Pass
		Edge_1RB_Right	17.24	/	/	17.49	/	/	<=38.45	Pass
		Outer_Full	15.70	/	/	15.95	/	/	<=38.45	Pass
		Inner_Full	17.56	/	/	17.81	/	/	<=38.45	Pass
		Inner_1RB_Left	17.08	/	/	17.33	/	/	<=38.45	Pass
		Inner_1RB_Right	17.17	/	/	17.42	/	/	<=38.45	Pass
	819	Edge_1RB_Left	17.01	/	/	17.26	/	/	<=38.45	Pass
		Edge_1RB_Right	17.08	/	/	17.33	/	/	<=38.45	Pass
		Outer_Full	15.65	/	/	15.9	/	/	<=38.45	Pass
		Inner_Full	17.51	/	/	17.76	/	/	<=38.45	Pass



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	Inner_1RB_Left	17.02	/	/	17.27	/	/	<=38.45	Pass
	Inner_1RB_Right	17.12	/	/	17.37	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1:2.4dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15									



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2. Frequency Stability

2.1 15k_SISO_5MHz

2.1.1 Test Result

5G NR n26a SCS=15kHz SISO 5MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	819	Outer_Full	20	LV	-4.70	-0.0057	>=-2.5 & <=2.5	Pass
				HV	-5.10	-0.0062	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0067	>=-2.5 & <=2.5	Pass
			-20	NV	-7.00	-0.0085	>=-2.5 & <=2.5	Pass
			-10	NV	-4.80	-0.0059	>=-2.5 & <=2.5	Pass
			0	NV	-2.50	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-4.20	-0.0051	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0051	>=-2.5 & <=2.5	Pass
			30	NV	-7.30	-0.0089	>=-2.5 & <=2.5	Pass
			40	NV	-5.50	-0.0067	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	819	Outer_Full	20	LV	-2.80	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-6.00	-0.0073	>=-2.5 & <=2.5	Pass
			-30	NV	-6.00	-0.0073	>=-2.5 & <=2.5	Pass
			-20	NV	-6.30	-0.0077	>=-2.5 & <=2.5	Pass
			-10	NV	-1.30	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-7.20	-0.0088	>=-2.5 & <=2.5	Pass
			10	NV	-5.90	-0.0072	>=-2.5 & <=2.5	Pass
			20	NV	-4.80	-0.0059	>=-2.5 & <=2.5	Pass
			30	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	819	Outer_Full	20	LV	-4.20	-0.0051	>=-2.5 & <=2.5	Pass
				HV	-5.70	-0.0070	>=-2.5 & <=2.5	Pass
			-30	NV	-2.10	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-5.10	-0.0062	>=-2.5 & <=2.5	Pass
			-10	NV	-4.30	-0.0053	>=-2.5 & <=2.5	Pass
			0	NV	-6.00	-0.0073	>=-2.5 & <=2.5	Pass
			10	NV	-6.40	-0.0078	>=-2.5 & <=2.5	Pass
			20	NV	-6.40	-0.0078	>=-2.5 & <=2.5	Pass
			30	NV	-4.50	-0.0055	>=-2.5 & <=2.5	Pass
			40	NV	-5.30	-0.0065	>=-2.5 & <=2.5	Pass
50	NV	-7.10	-0.0087	>=-2.5 & <=2.5	Pass			



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DFT-s-OFDM 64 QAM	819	Outer_Full	20	LV	-5.10	-0.0062	>=-2.5 & <=2.5	Pass
				HV	-3.20	-0.0039	>=-2.5 & <=2.5	Pass
			-30	NV	-3.60	-0.0044	>=-2.5 & <=2.5	Pass
				NV	-6.30	-0.0077	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0054	>=-2.5 & <=2.5	Pass
				NV	-3.90	-0.0048	>=-2.5 & <=2.5	Pass
			10	NV	-3.10	-0.0038	>=-2.5 & <=2.5	Pass
				NV	-1.50	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-2.70	-0.0033	>=-2.5 & <=2.5	Pass
				NV	-4.60	-0.0056	>=-2.5 & <=2.5	Pass
40	NV	-5.80	-0.0071	>=-2.5 & <=2.5	Pass			
	NV	-4.80	-0.0059	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 256 QAM	819	Outer_Full	20	LV	-4.80	-0.0059	>=-2.5 & <=2.5	Pass
				HV	-3.90	-0.0048	>=-2.5 & <=2.5	Pass
			-30	NV	-0.80	-0.0010	>=-2.5 & <=2.5	Pass
				NV	-2.50	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
				NV	-5.10	-0.0062	>=-2.5 & <=2.5	Pass
			0	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass
				NV	-4.10	-0.0050	>=-2.5 & <=2.5	Pass
			20	NV	-2.80	-0.0034	>=-2.5 & <=2.5	Pass
				NV	-4.80	-0.0059	>=-2.5 & <=2.5	Pass
40	NV	0.60	0.0007	>=-2.5 & <=2.5	Pass			
	NV	-6.50	-0.0079	>=-2.5 & <=2.5	Pass			
CP-OFDM QPSK	819	Outer_Full	20	LV	-4.90	-0.0060	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0067	>=-2.5 & <=2.5	Pass
				NV	-5.60	-0.0068	>=-2.5 & <=2.5	Pass
			-10	NV	-5.80	-0.0071	>=-2.5 & <=2.5	Pass
				NV	-2.60	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-8.90	-0.0109	>=-2.5 & <=2.5	Pass
				NV	-4.10	-0.0050	>=-2.5 & <=2.5	Pass
			20	NV	-1.10	-0.0013	>=-2.5 & <=2.5	Pass
				NV	-6.00	-0.0073	>=-2.5 & <=2.5	Pass
40	NV	-4.50	-0.0055	>=-2.5 & <=2.5	Pass			
	NV	-4.30	-0.0053	>=-2.5 & <=2.5	Pass			
CP-OFDM 16 QAM	819	Outer_Full	20	LV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-4.30	-0.0053	>=-2.5 & <=2.5	Pass
			-30	NV	-4.10	-0.0050	>=-2.5 & <=2.5	Pass
				NV	-2.10	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	2.50	0.0031	>=-2.5 & <=2.5	Pass
				NV	-5.00	-0.0061	>=-2.5 & <=2.5	Pass
			0	NV	-7.00	-0.0085	>=-2.5 & <=2.5	Pass
				NV	-5.10	-0.0062	>=-2.5 & <=2.5	Pass
			20	NV	-5.00	-0.0061	>=-2.5 & <=2.5	Pass
				NV	-7.00	-0.0085	>=-2.5 & <=2.5	Pass
30	NV	-5.10	-0.0062	>=-2.5 & <=2.5	Pass			
	NV	-5.10	-0.0062	>=-2.5 & <=2.5	Pass			



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CP-OFDM 64 QAM	819	Outer_Full	50	NV	-4.50	-0.0055	>=-2.5 & <=2.5	Pass
			20	LV	-4.70	-0.0057	>=-2.5 & <=2.5	Pass
				HV	-4.50	-0.0055	>=-2.5 & <=2.5	Pass
			-30	NV	-0.70	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-4.40	-0.0054	>=-2.5 & <=2.5	Pass
			-10	NV	-3.70	-0.0045	>=-2.5 & <=2.5	Pass
			0	NV	-4.30	-0.0053	>=-2.5 & <=2.5	Pass
			10	NV	-3.00	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-4.90	-0.0060	>=-2.5 & <=2.5	Pass
			30	NV	-5.00	-0.0061	>=-2.5 & <=2.5	Pass
			40	NV	-5.60	-0.0068	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	819	Outer_Full	20	LV	-3.90	-0.0048	>=-2.5 & <=2.5	Pass
				HV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	1.70	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-5.70	-0.0070	>=-2.5 & <=2.5	Pass
			-10	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	1.70	0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-4.80	-0.0059	>=-2.5 & <=2.5	Pass
			20	NV	-3.20	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	-4.60	-0.0056	>=-2.5 & <=2.5	Pass
			40	NV	-3.80	-0.0046	>=-2.5 & <=2.5	Pass
			50	NV	-4.70	-0.0057	>=-2.5 & <=2.5	Pass

2.2 15k_SISO_10MHz

2.2.1 Test Result

5G NR n26a SCS=15kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	819	Outer_Full	20	LV	-2.60	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-2.50	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-6.40	-0.0078	>=-2.5 & <=2.5	Pass
			-20	NV	-5.30	-0.0065	>=-2.5 & <=2.5	Pass
			-10	NV	-4.20	-0.0051	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0084	>=-2.5 & <=2.5	Pass
			10	NV	-5.00	-0.0061	>=-2.5 & <=2.5	Pass
			20	NV	-5.30	-0.0065	>=-2.5 & <=2.5	Pass
			30	NV	-7.00	-0.0085	>=-2.5 & <=2.5	Pass
			40	NV	-4.00	-0.0049	>=-2.5 & <=2.5	Pass



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DFT-s-OFDM QPSK	819	Outer_Full	50	NV	-4.60	-0.0056	>=-2.5 & <=2.5	Pass
			20	LV	-6.70	-0.0082	>=-2.5 & <=2.5	Pass
				HV	-5.30	-0.0065	>=-2.5 & <=2.5	Pass
			-30	NV	-4.20	-0.0051	>=-2.5 & <=2.5	Pass
			-20	NV	-7.10	-0.0087	>=-2.5 & <=2.5	Pass
			-10	NV	-4.10	-0.0050	>=-2.5 & <=2.5	Pass
			0	NV	-4.70	-0.0057	>=-2.5 & <=2.5	Pass
			10	NV	-6.80	-0.0083	>=-2.5 & <=2.5	Pass
			20	NV	-5.80	-0.0071	>=-2.5 & <=2.5	Pass
			30	NV	-4.70	-0.0057	>=-2.5 & <=2.5	Pass
			40	NV	-1.80	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	819	Outer_Full	20	LV	-6.70	-0.0082	>=-2.5 & <=2.5	Pass
				HV	-7.30	-0.0089	>=-2.5 & <=2.5	Pass
			-30	NV	-4.90	-0.0060	>=-2.5 & <=2.5	Pass
			-20	NV	-2.70	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-2.80	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	1.60	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-5.40	-0.0066	>=-2.5 & <=2.5	Pass
			20	NV	-6.20	-0.0076	>=-2.5 & <=2.5	Pass
			30	NV	-3.40	-0.0042	>=-2.5 & <=2.5	Pass
			40	NV	-3.50	-0.0043	>=-2.5 & <=2.5	Pass
			DFT-s-OFDM 64 QAM	819	Outer_Full	20	LV	-8.10
HV	-3.40	-0.0042					>=-2.5 & <=2.5	Pass
-30	NV	-4.40				-0.0054	>=-2.5 & <=2.5	Pass
-20	NV	-3.50				-0.0043	>=-2.5 & <=2.5	Pass
-10	NV	-6.90				-0.0084	>=-2.5 & <=2.5	Pass
0	NV	-4.10				-0.0050	>=-2.5 & <=2.5	Pass
10	NV	-5.80				-0.0071	>=-2.5 & <=2.5	Pass
20	NV	-6.00				-0.0073	>=-2.5 & <=2.5	Pass
30	NV	-6.40				-0.0078	>=-2.5 & <=2.5	Pass
40	NV	-4.30				-0.0053	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	819	Outer_Full				20	LV	-4.90
			HV	-6.70	-0.0082		>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0067	>=-2.5 & <=2.5	Pass
			-20	NV	-5.80	-0.0071	>=-2.5 & <=2.5	Pass
			-10	NV	-3.80	-0.0046	>=-2.5 & <=2.5	Pass
			0	NV	-2.60	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-4.40	-0.0054	>=-2.5 & <=2.5	Pass
			20	NV	-1.40	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-3.10	-0.0038	>=-2.5 & <=2.5	Pass



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CP-OFDM QPSK	819	Outer_Full	40	NV	-3.50	-0.0043	>=-2.5 & <=2.5	Pass
			50	NV	-4.30	-0.0053	>=-2.5 & <=2.5	Pass
			20	LV	-6.50	-0.0079	>=-2.5 & <=2.5	Pass
				HV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-3.50	-0.0043	>=-2.5 & <=2.5	Pass
			-20	NV	-4.10	-0.0050	>=-2.5 & <=2.5	Pass
			-10	NV	-3.80	-0.0046	>=-2.5 & <=2.5	Pass
			0	NV	2.40	0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-2.30	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-2.80	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0066	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	819	Outer_Full	20	LV	-1.20	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-5.80	-0.0071	>=-2.5 & <=2.5	Pass
			-30	NV	-4.90	-0.0060	>=-2.5 & <=2.5	Pass
			-20	NV	1.90	0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-3.60	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-1.60	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-5.40	-0.0066	>=-2.5 & <=2.5	Pass
			20	NV	-3.30	-0.0040	>=-2.5 & <=2.5	Pass
			30	NV	1.00	0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-3.40	-0.0042	>=-2.5 & <=2.5	Pass
			CP-OFDM 64 QAM	819	Outer_Full	20	LV	-4.00
HV	-7.30	-0.0089					>=-2.5 & <=2.5	Pass
-30	NV	-5.20				-0.0063	>=-2.5 & <=2.5	Pass
-20	NV	-3.00				-0.0037	>=-2.5 & <=2.5	Pass
-10	NV	-4.40				-0.0054	>=-2.5 & <=2.5	Pass
0	NV	-6.80				-0.0083	>=-2.5 & <=2.5	Pass
10	NV	-2.90				-0.0035	>=-2.5 & <=2.5	Pass
20	NV	-3.60				-0.0044	>=-2.5 & <=2.5	Pass
30	NV	-3.00				-0.0037	>=-2.5 & <=2.5	Pass
40	NV	-4.20				-0.0051	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	819	Outer_Full				20	LV	-3.40
			HV	-3.60	-0.0044		>=-2.5 & <=2.5	Pass
			-30	NV	-1.60	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-3.10	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-3.10	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-4.20	-0.0051	>=-2.5 & <=2.5	Pass
			10	NV	-1.70	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-3.40	-0.0042	>=-2.5 & <=2.5	Pass



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			30	NV	-6.40	-0.0078	>=-2.5 & <=2.5	Pass
			40	NV	-4.70	-0.0057	>=-2.5 & <=2.5	Pass
			50	NV	-6.40	-0.0078	>=-2.5 & <=2.5	Pass



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3. 99% & 26dB Bandwidth

3.1 15k_SISO_5MHz_NTNV

3.1.1 Test Result

5G NR n26a SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	816.5	Outer_Full	4.53	5.07	/	Pass
	819	Outer_Full	4.53	5.06	/	Pass
	821.5	Outer_Full	4.53	5.08	/	Pass
DFT-s-OFDM QPSK	816.5	Outer_Full	4.52	5.03	/	Pass
	819	Outer_Full	4.51	5.03	/	Pass
	821.5	Outer_Full	4.52	5.04	/	Pass
DFT-s-OFDM 16 QAM	816.5	Outer_Full	4.54	5.03	/	Pass
	819	Outer_Full	4.52	5.04	/	Pass
	821.5	Outer_Full	4.53	5.04	/	Pass
DFT-s-OFDM 64 QAM	816.5	Outer_Full	4.54	5.04	/	Pass
	819	Outer_Full	4.50	5.00	/	Pass
	821.5	Outer_Full	4.50	4.94	/	Pass
DFT-s-OFDM 256 QAM	816.5	Outer_Full	4.49	4.99	/	Pass
	819	Outer_Full	4.51	5.04	/	Pass
	821.5	Outer_Full	4.51	5.06	/	Pass
CP-OFDM QPSK	816.5	Outer_Full	4.52	5.08	/	Pass
	819	Outer_Full	4.54	5.09	/	Pass
	821.5	Outer_Full	4.53	5.09	/	Pass
CP-OFDM 16 QAM	816.5	Outer_Full	4.58	5.11	/	Pass
	819	Outer_Full	4.54	5.06	/	Pass
	821.5	Outer_Full	4.53	5.06	/	Pass
CP-OFDM 64 QAM	816.5	Outer_Full	4.52	5.10	/	Pass
	819	Outer_Full	4.51	5.03	/	Pass
	821.5	Outer_Full	4.51	5.04	/	Pass
CP-OFDM 256 QAM	816.5	Outer_Full	4.54	5.09	/	Pass
	819	Outer_Full	4.53	5.10	/	Pass
	821.5	Outer_Full	4.53	5.11	/	Pass



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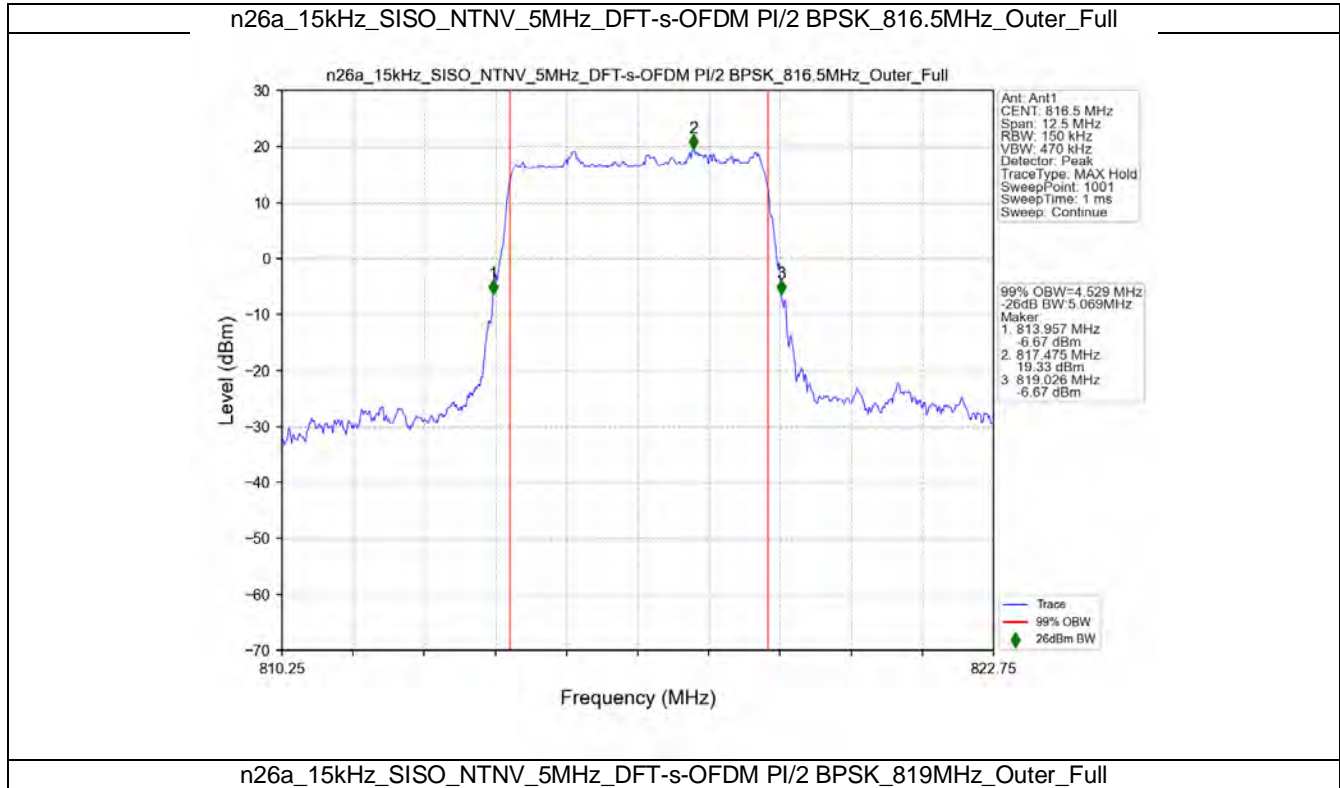
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3.1.2 Test Graph



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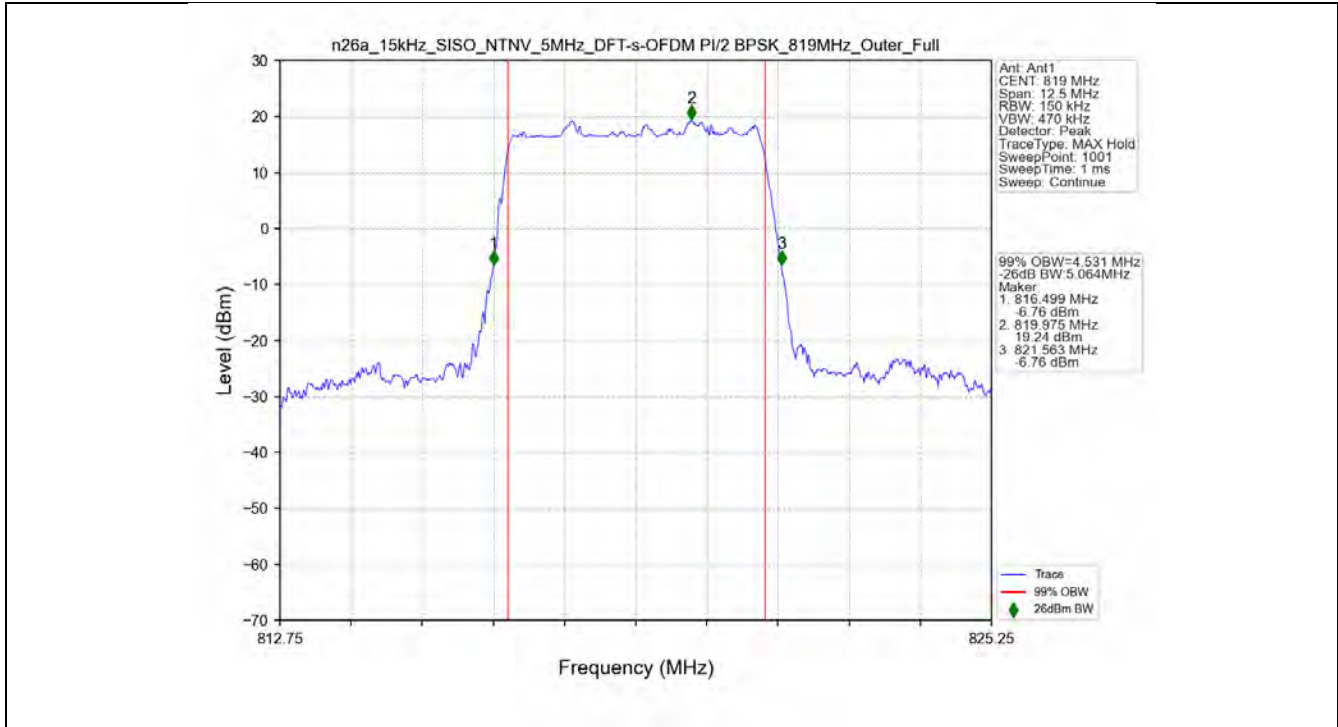
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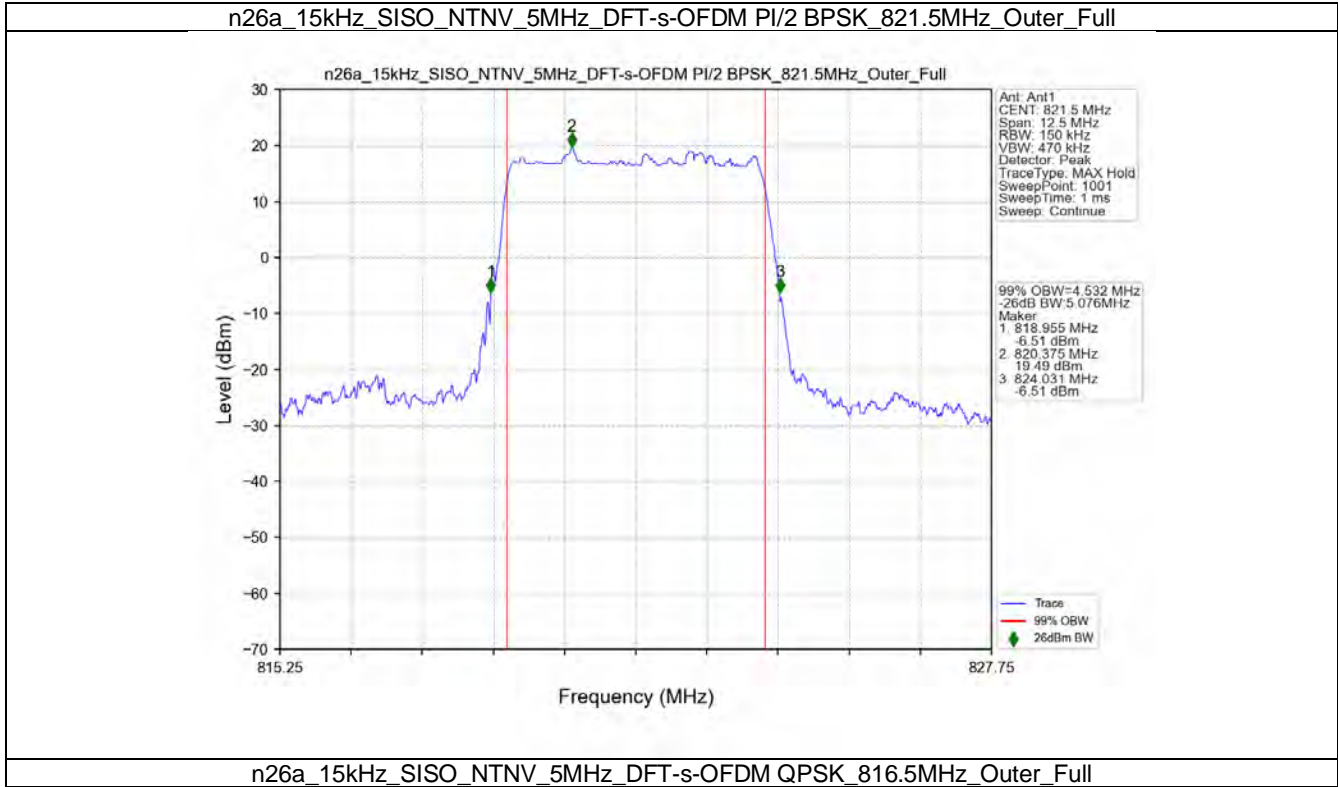
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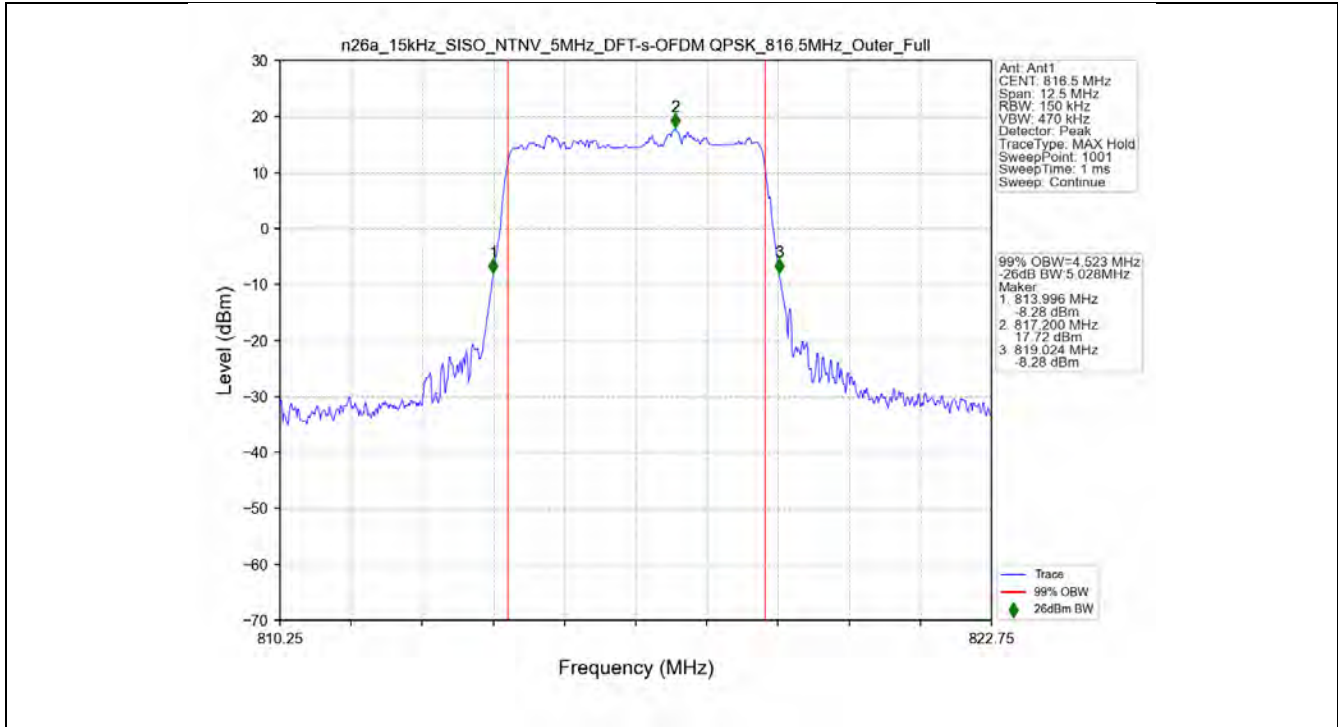
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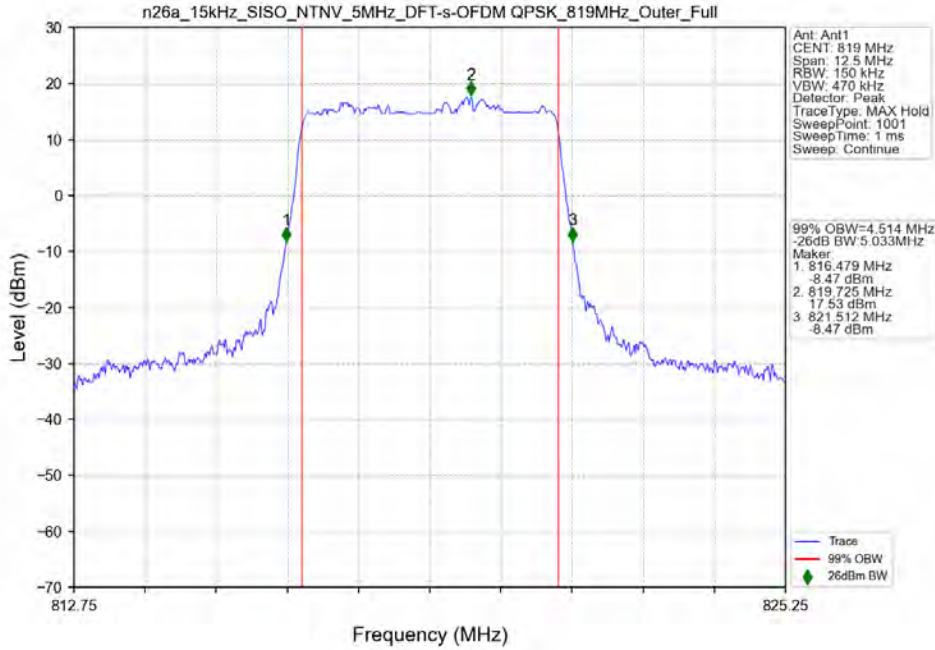
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_819MHz_Outer_Full



n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_821.5MHz_Outer_Full



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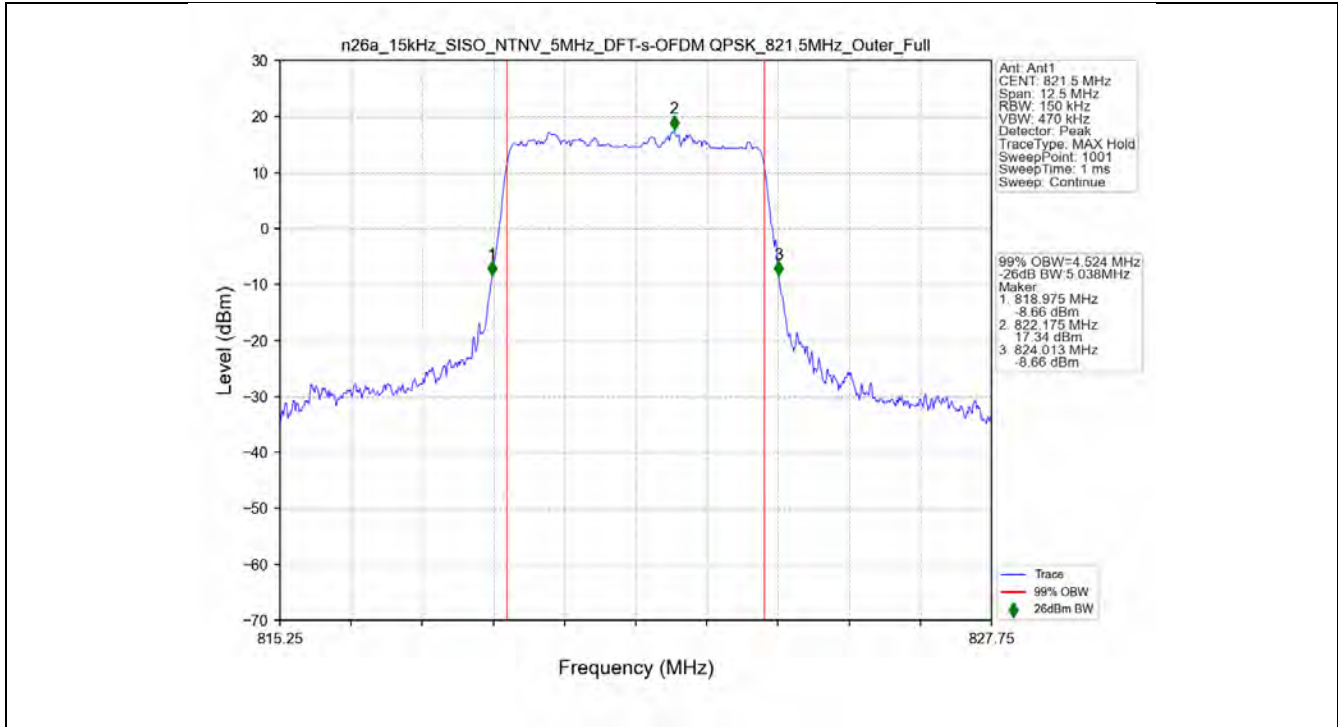
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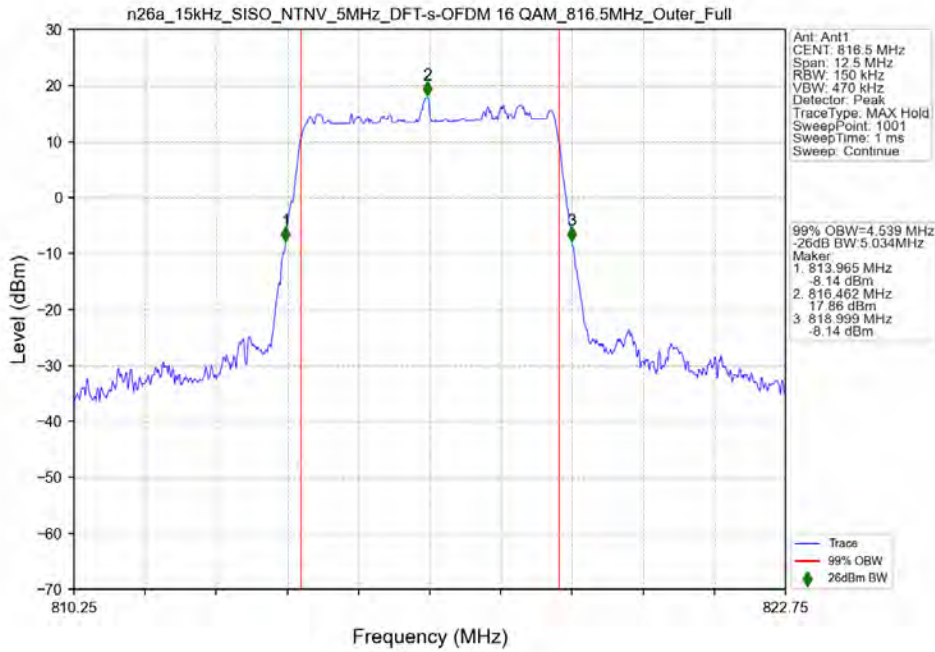
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16 QAM_816.5MHz_Outer_Full



n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16 QAM_819MHz_Outer_Full



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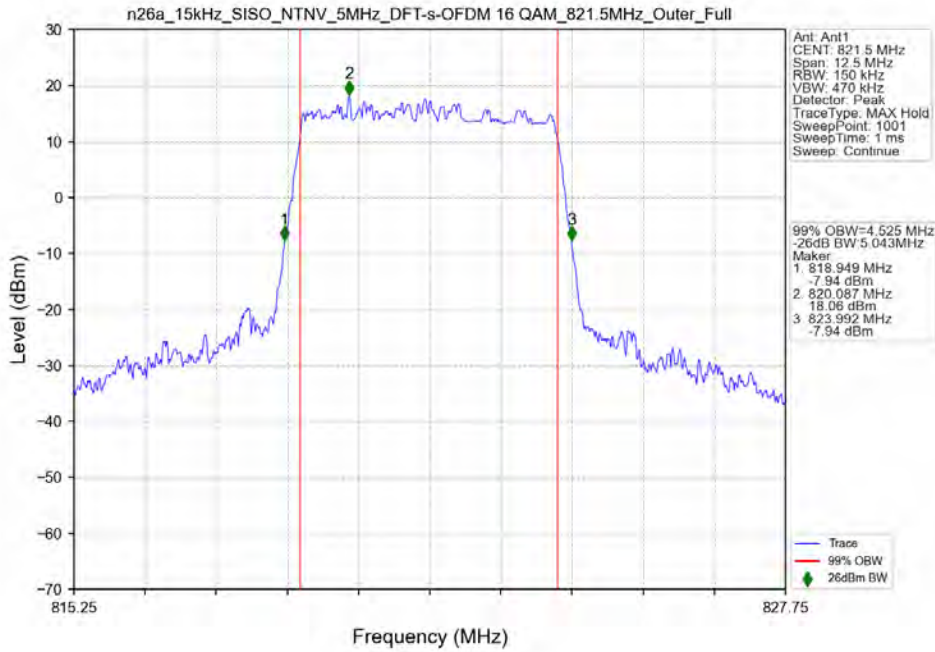
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_821.5MHz_Outer_Full



n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_816.5MHz_Outer_Full



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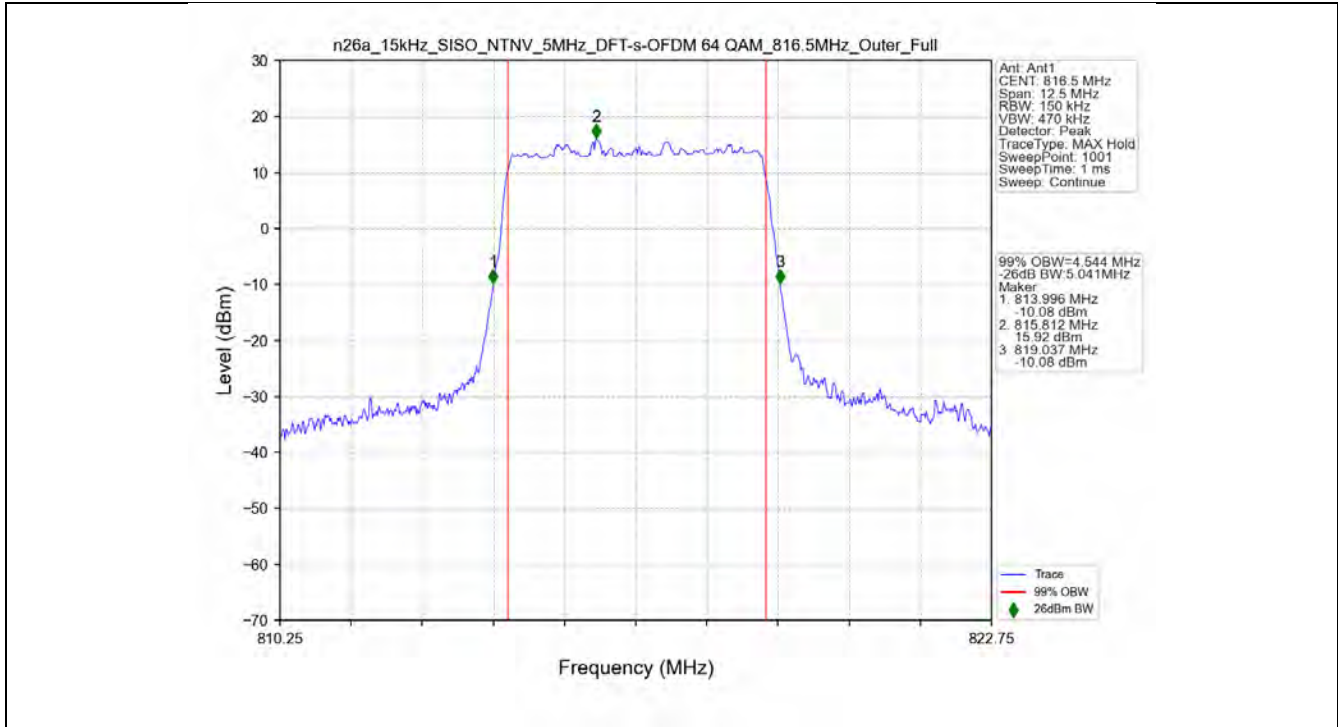
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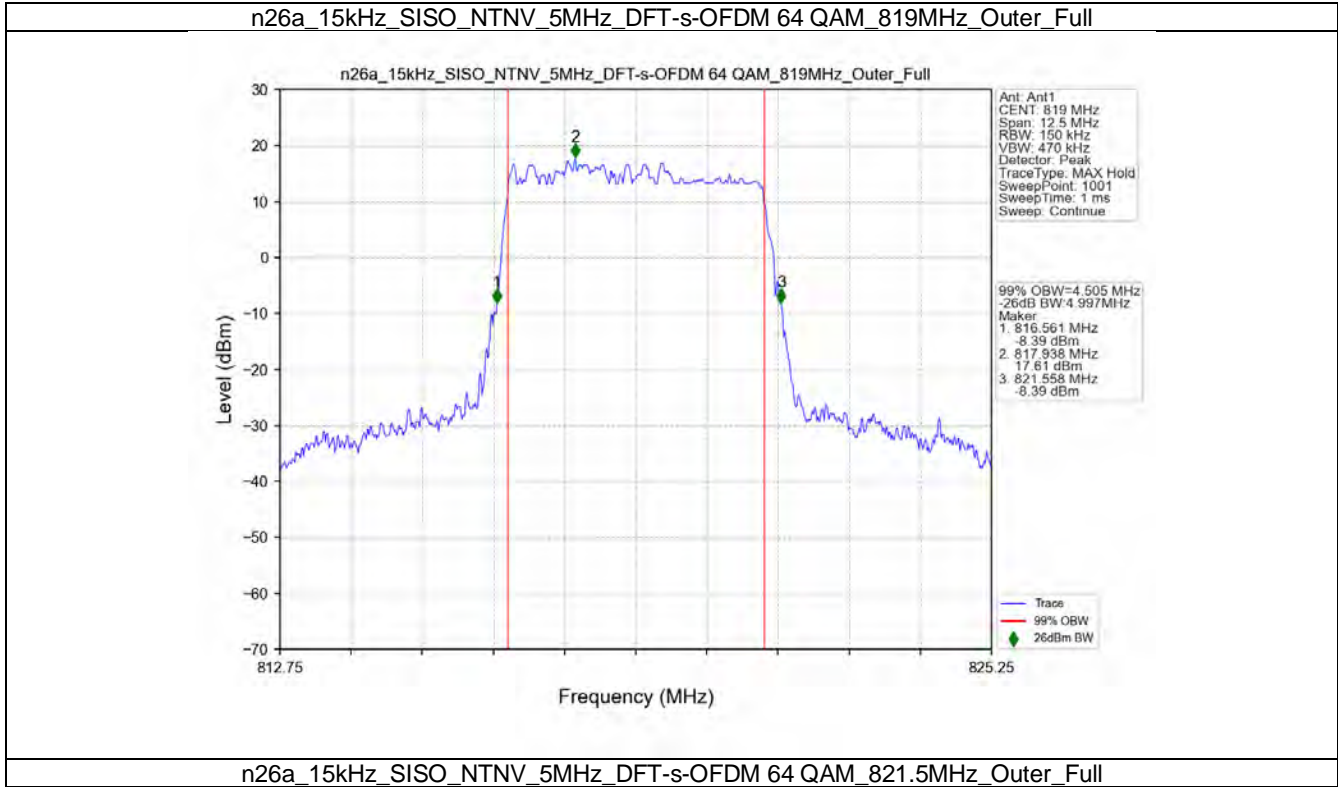
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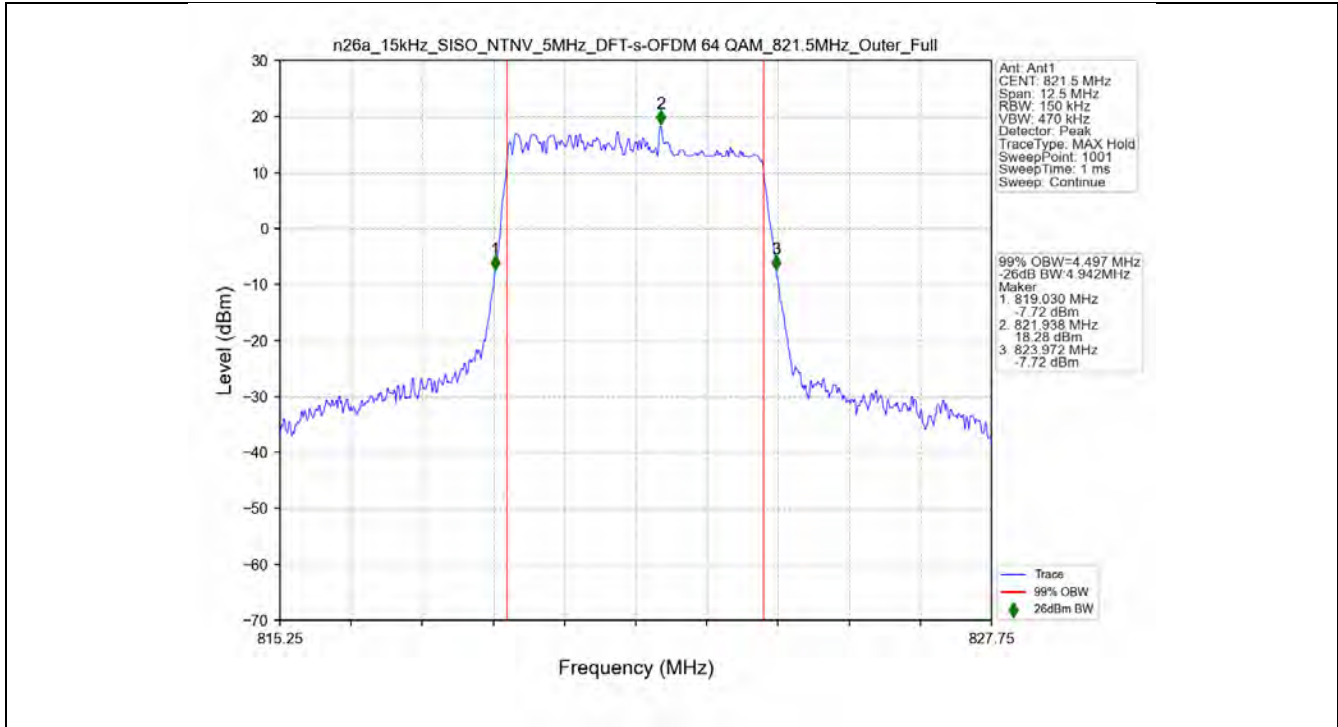
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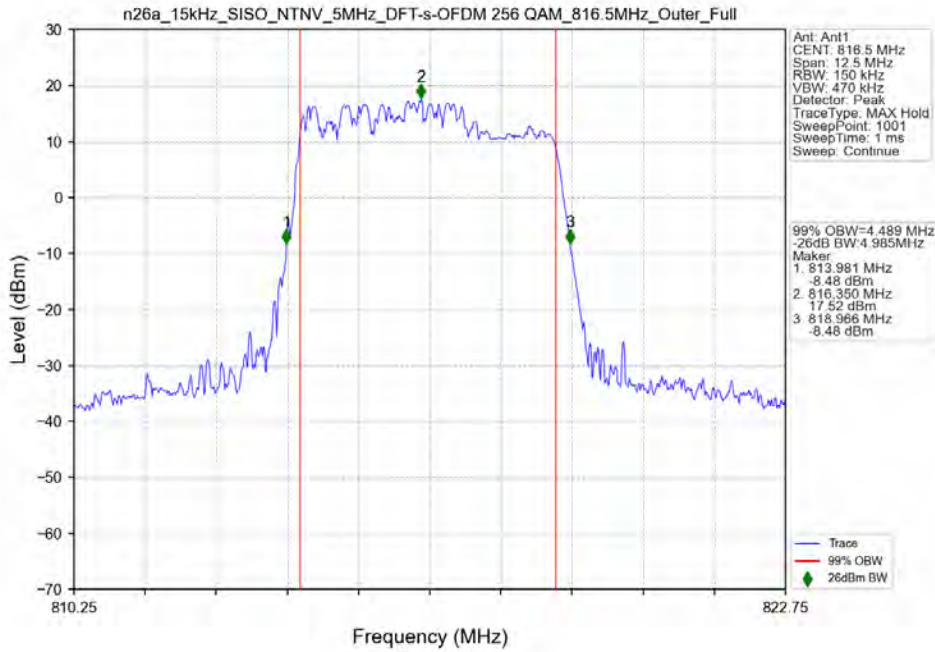
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_816.5MHz_Outer_Full



n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_819MHz_Outer_Full



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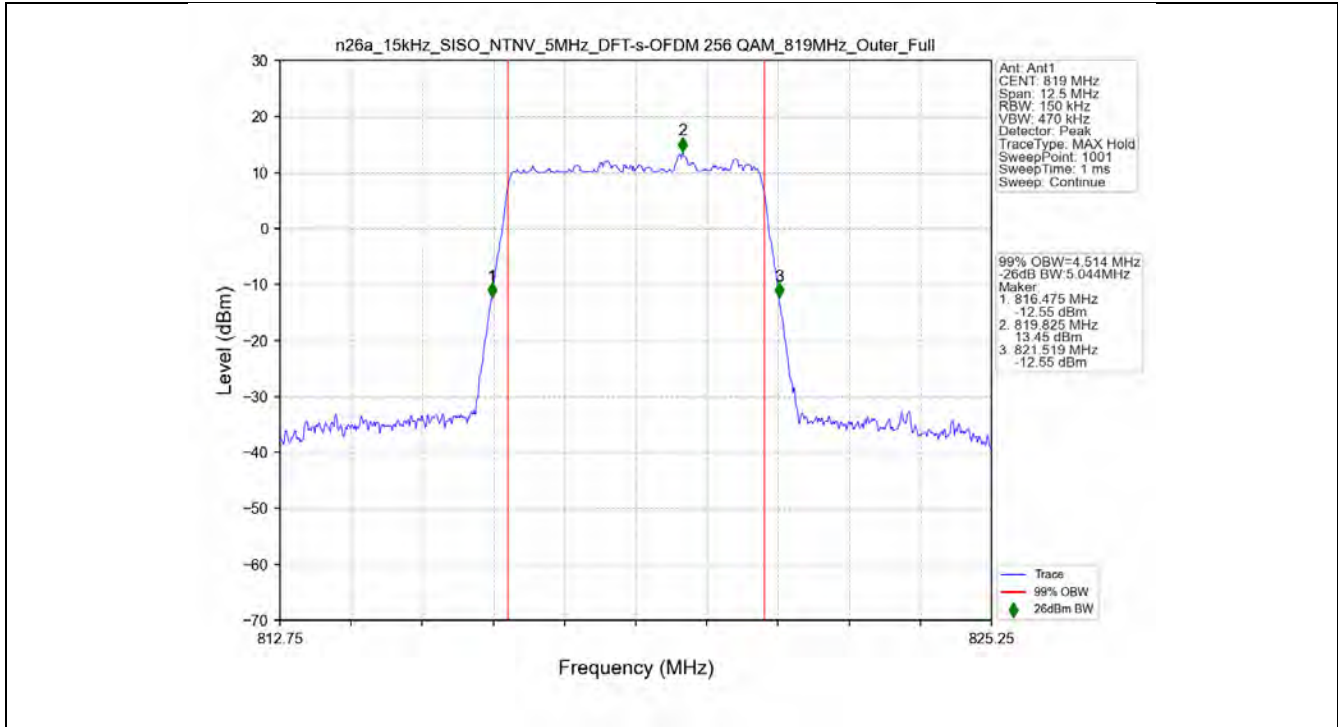
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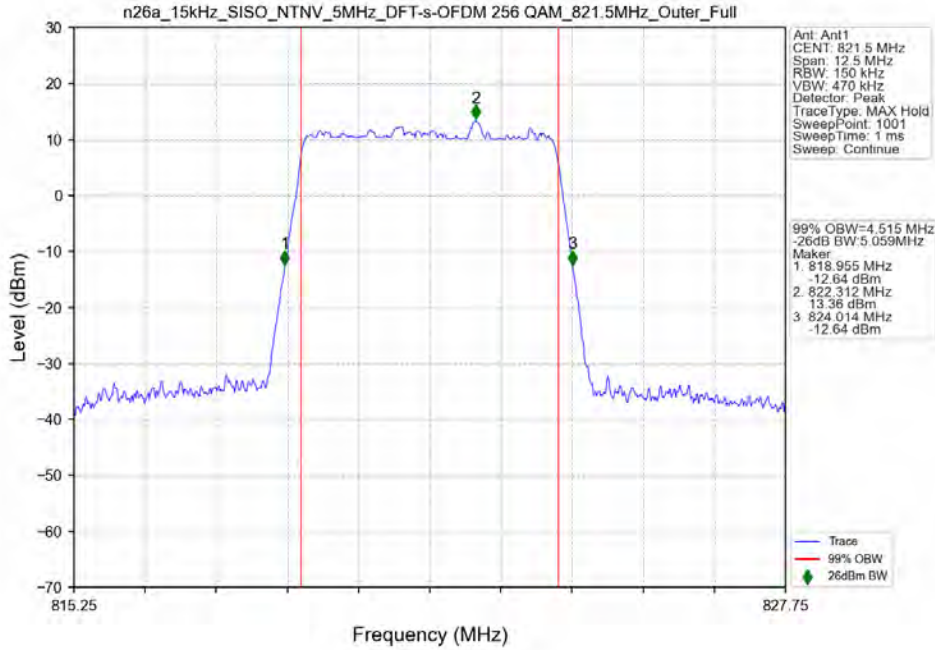
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_821.5MHz_Outer_Full



n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_816.5MHz_Outer_Full



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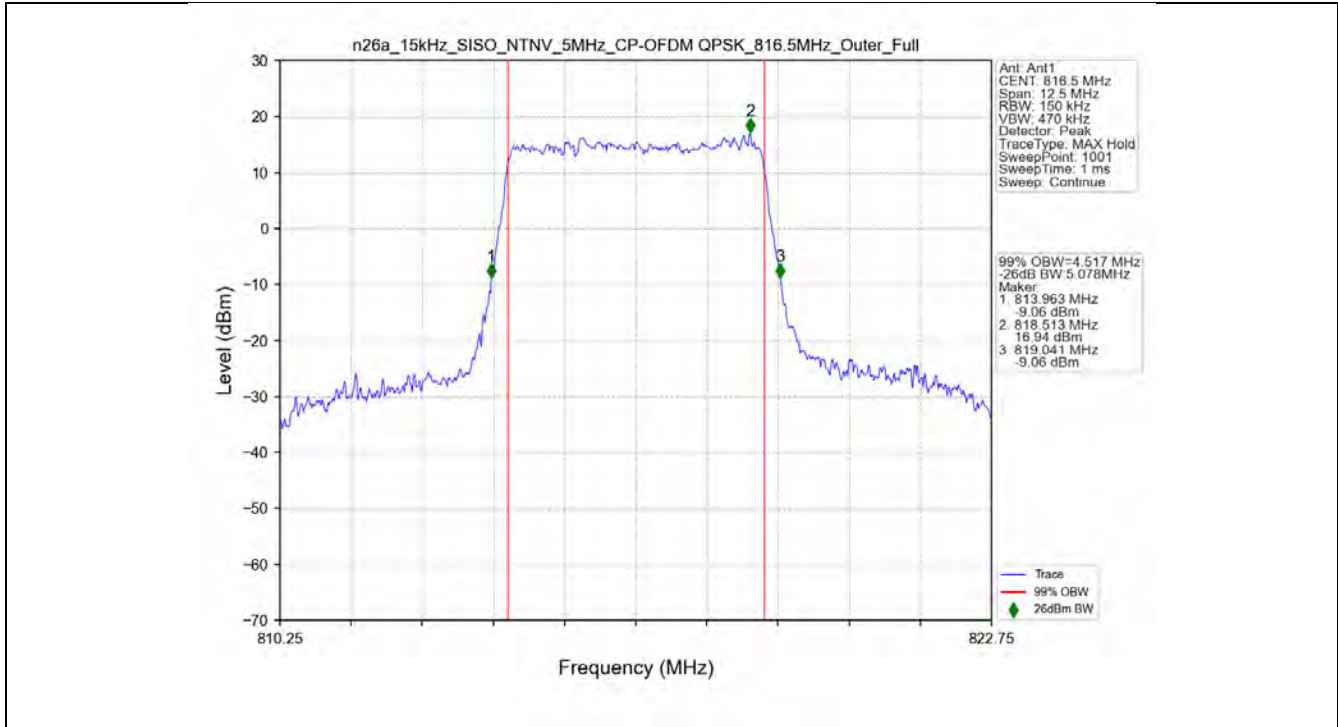
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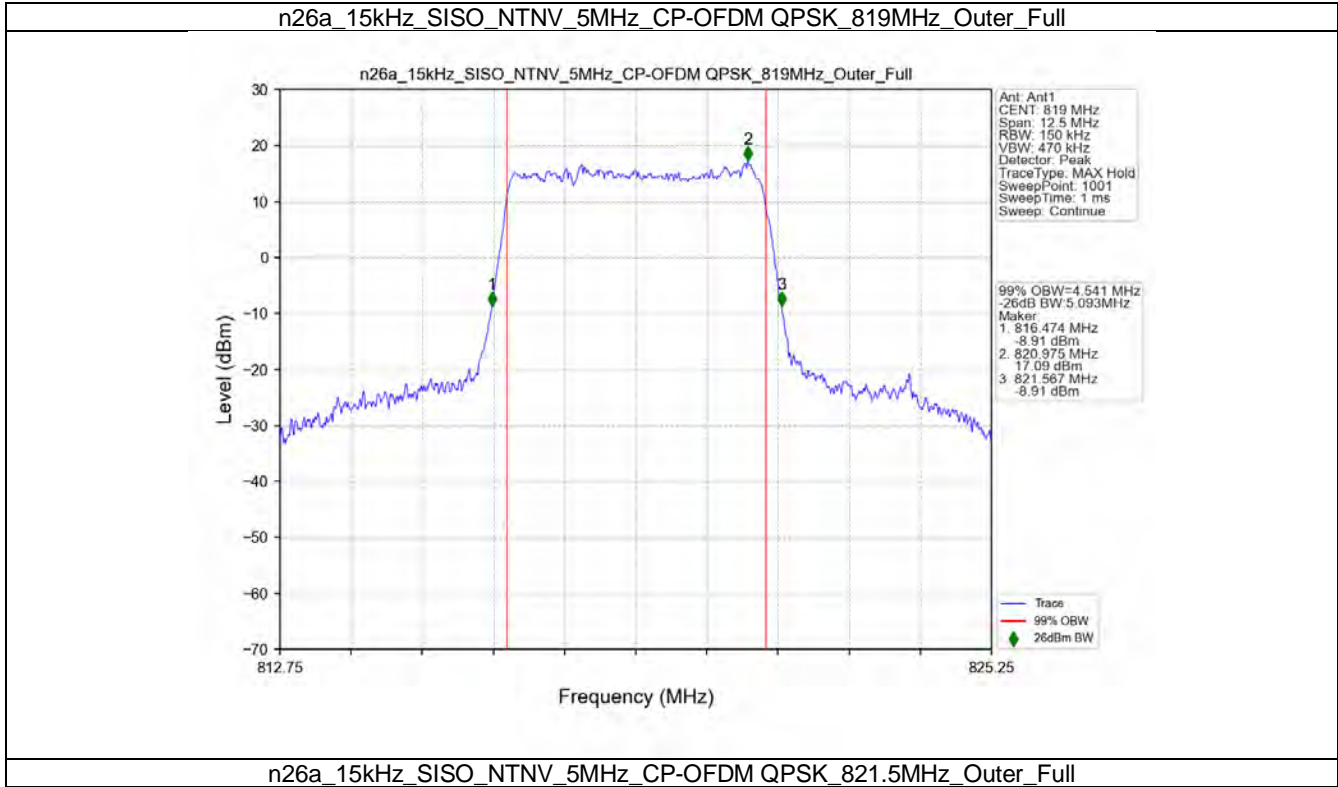
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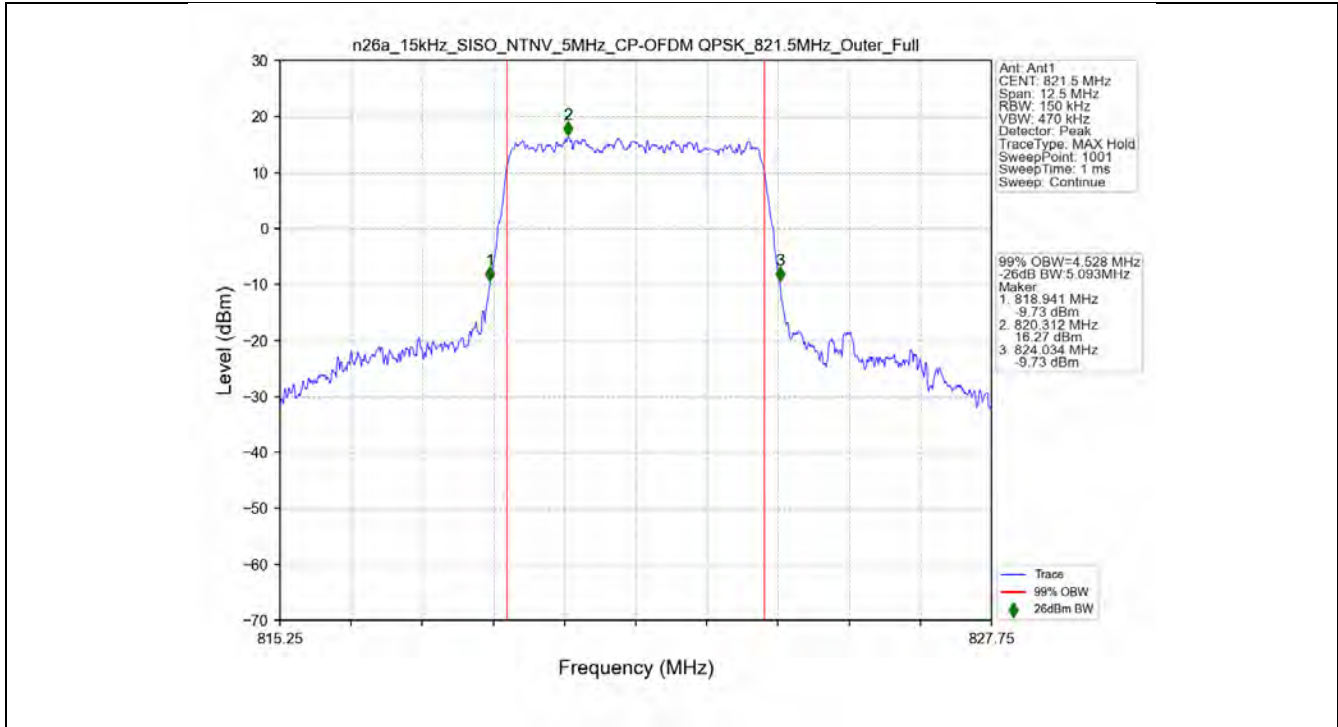
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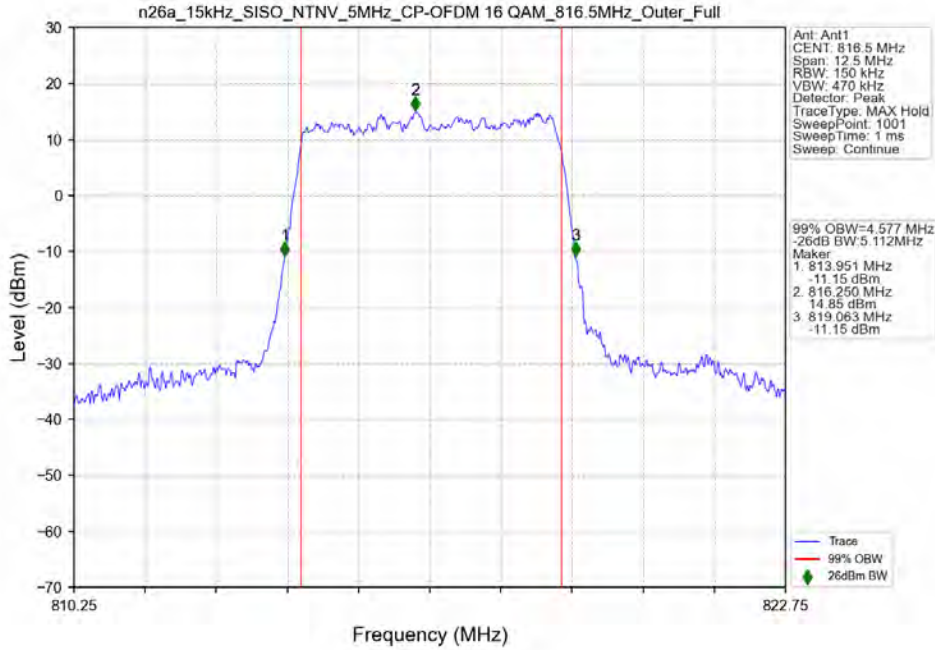
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n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_16 QAM_816.5MHz_Outer_Full



n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_16 QAM_819MHz_Outer_Full



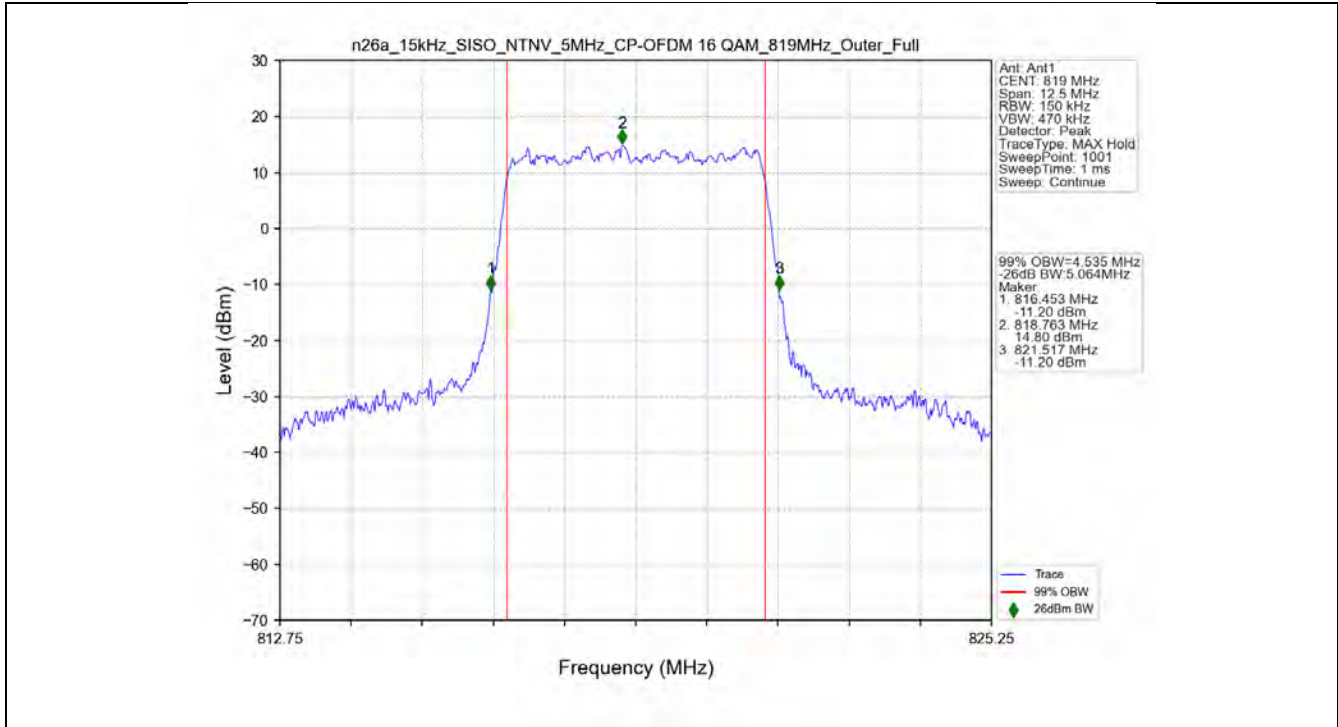
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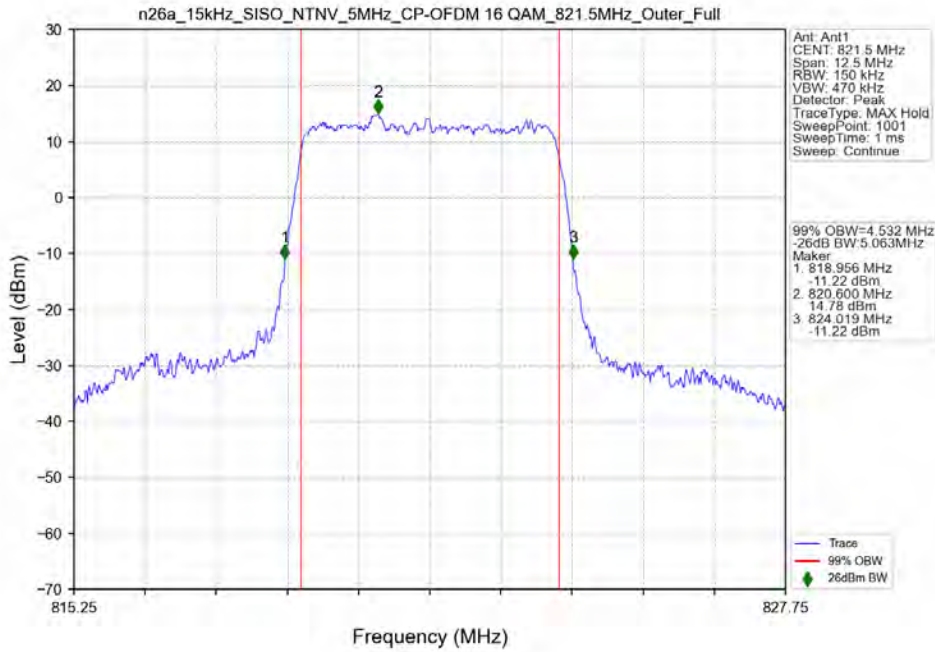
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n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_ 821.5MHz_Outer_Full



n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_ 816.5MHz_Outer_Full



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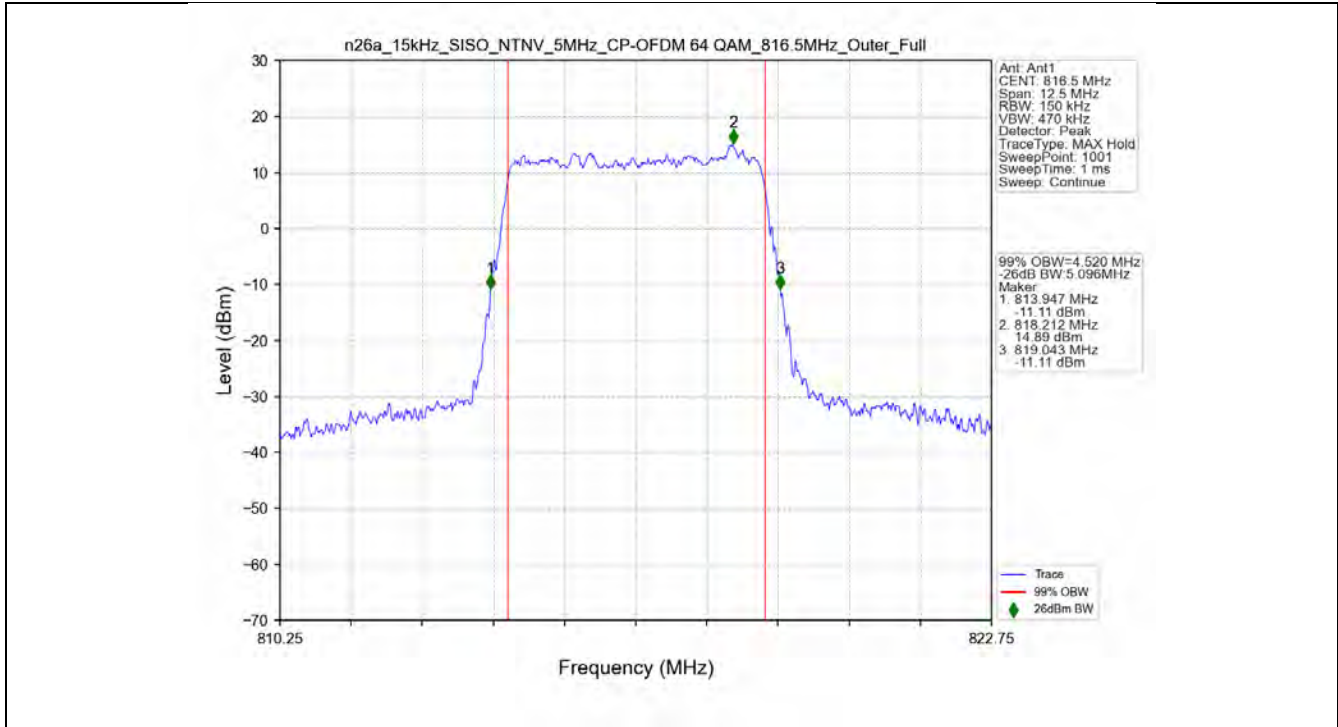
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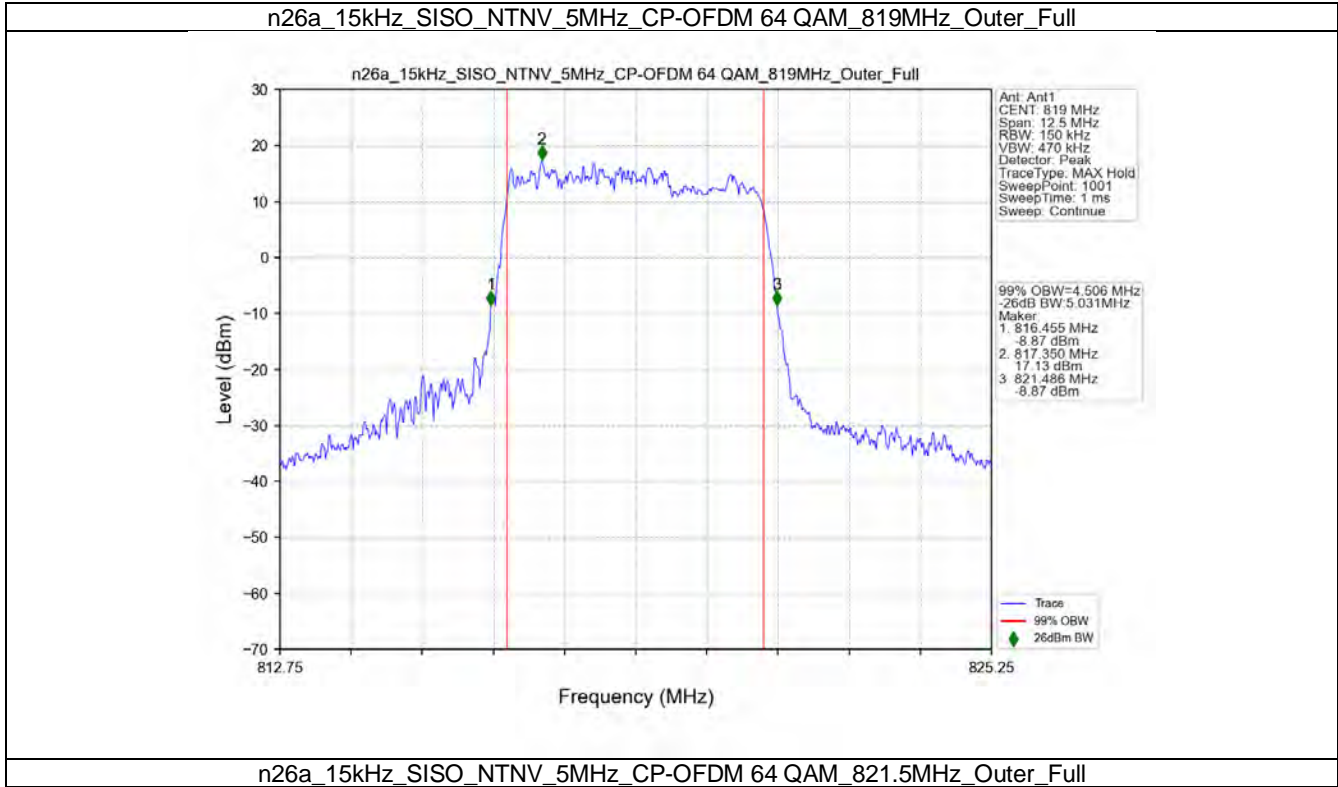
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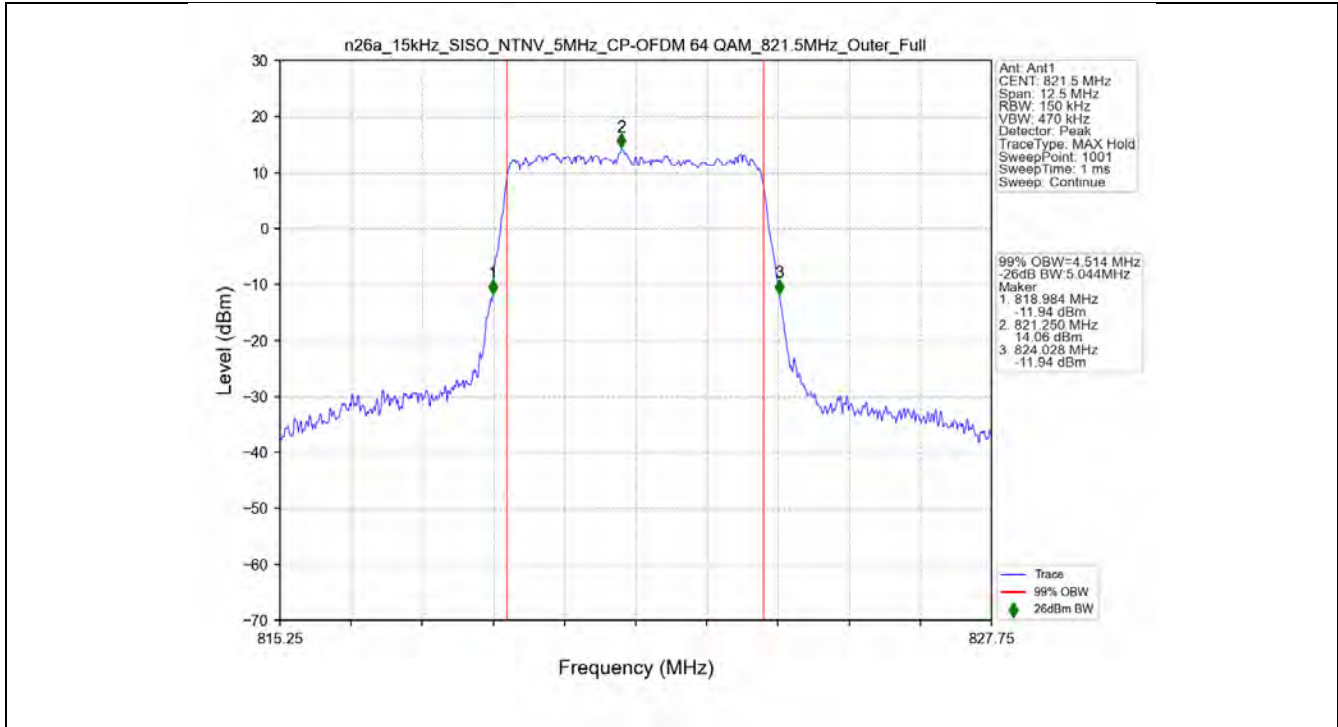
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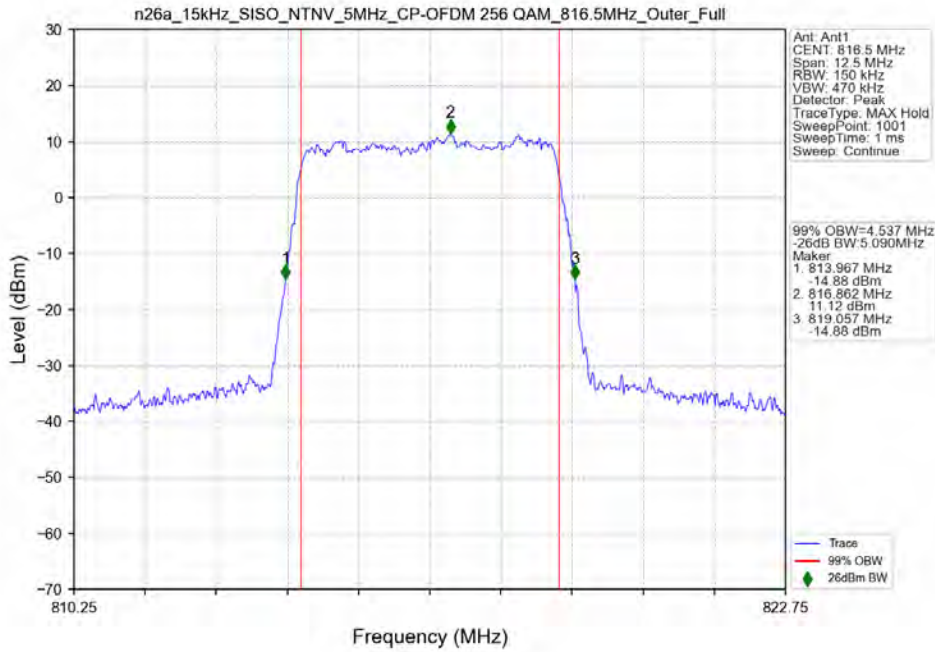
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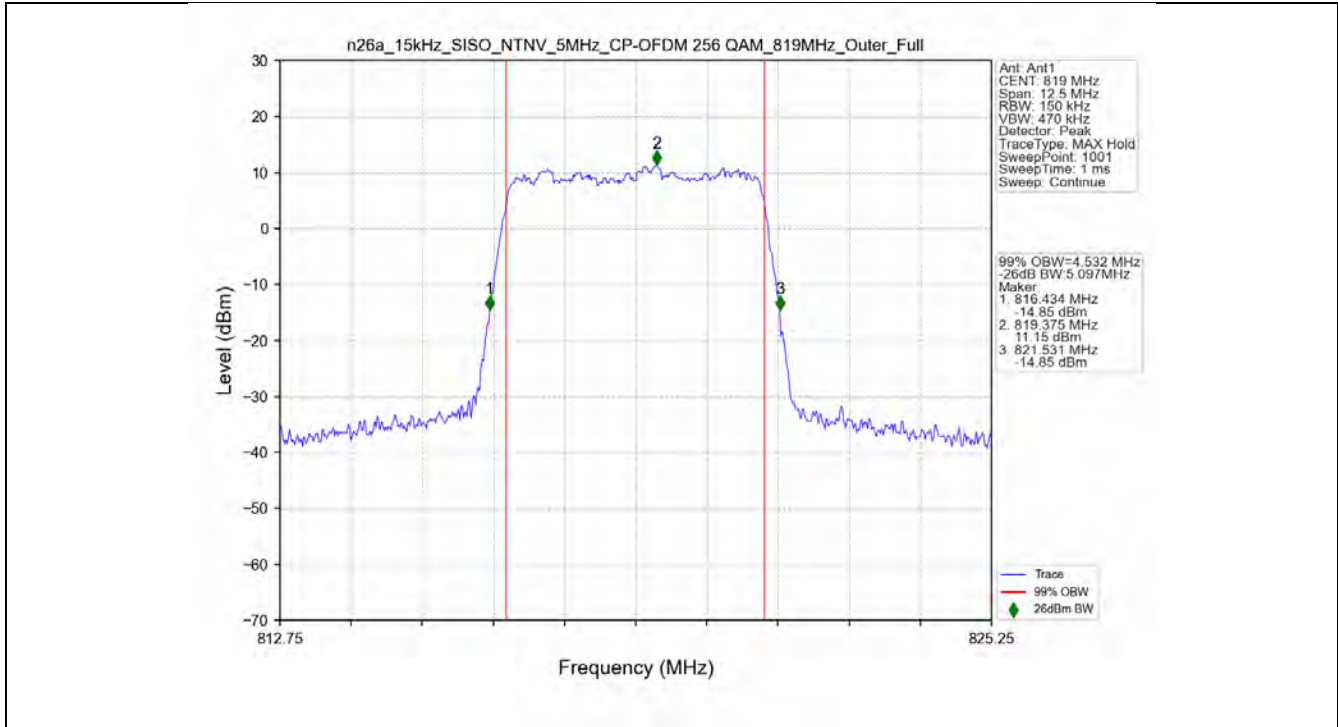
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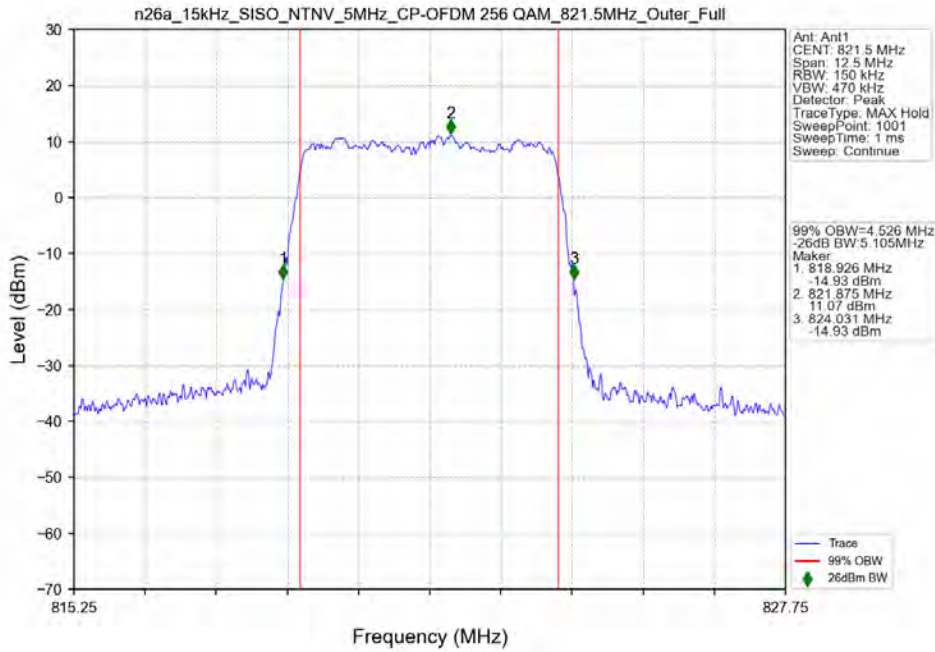
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n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM 821.5MHz_Outer_Full



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3.2 15k_SISO_10MHz_NTNV

3.2.1 Test Result

5G NR n26a SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	819	Outer_Full	9.04	9.80	/	Pass
	819	Outer_Full	9.01	9.79	/	Pass
	819	Outer_Full	8.99	9.80	/	Pass
DFT-s-OFDM QPSK	819	Outer_Full	9.03	9.79	/	Pass
	819	Outer_Full	9.02	9.83	/	Pass
	819	Outer_Full	9.05	9.73	/	Pass
DFT-s-OFDM 16 QAM	819	Outer_Full	9.01	9.80	/	Pass
	819	Outer_Full	9.03	9.83	/	Pass
	819	Outer_Full	9.03	9.81	/	Pass
DFT-s-OFDM 64 QAM	819	Outer_Full	9.00	9.84	/	Pass
	819	Outer_Full	9.00	9.84	/	Pass
	819	Outer_Full	9.01	9.85	/	Pass
DFT-s-OFDM 256 QAM	819	Outer_Full	9.04	9.64	/	Pass
	819	Outer_Full	9.01	9.60	/	Pass
	819	Outer_Full	9.01	9.82	/	Pass
CP-OFDM QPSK	819	Outer_Full	9.33	10.29	/	Pass
	819	Outer_Full	9.33	10.24	/	Pass
	819	Outer_Full	9.37	10.16	/	Pass
CP-OFDM 16 QAM	819	Outer_Full	9.33	10.21	/	Pass
	819	Outer_Full	9.40	10.04	/	Pass
	819	Outer_Full	9.36	9.97	/	Pass
CP-OFDM 64 QAM	819	Outer_Full	9.31	10.17	/	Pass
	819	Outer_Full	9.31	10.11	/	Pass
	819	Outer_Full	9.31	10.15	/	Pass
CP-OFDM 256 QAM	819	Outer_Full	9.36	10.20	/	Pass
	819	Outer_Full	9.35	10.17	/	Pass
	819	Outer_Full	9.36	10.19	/	Pass



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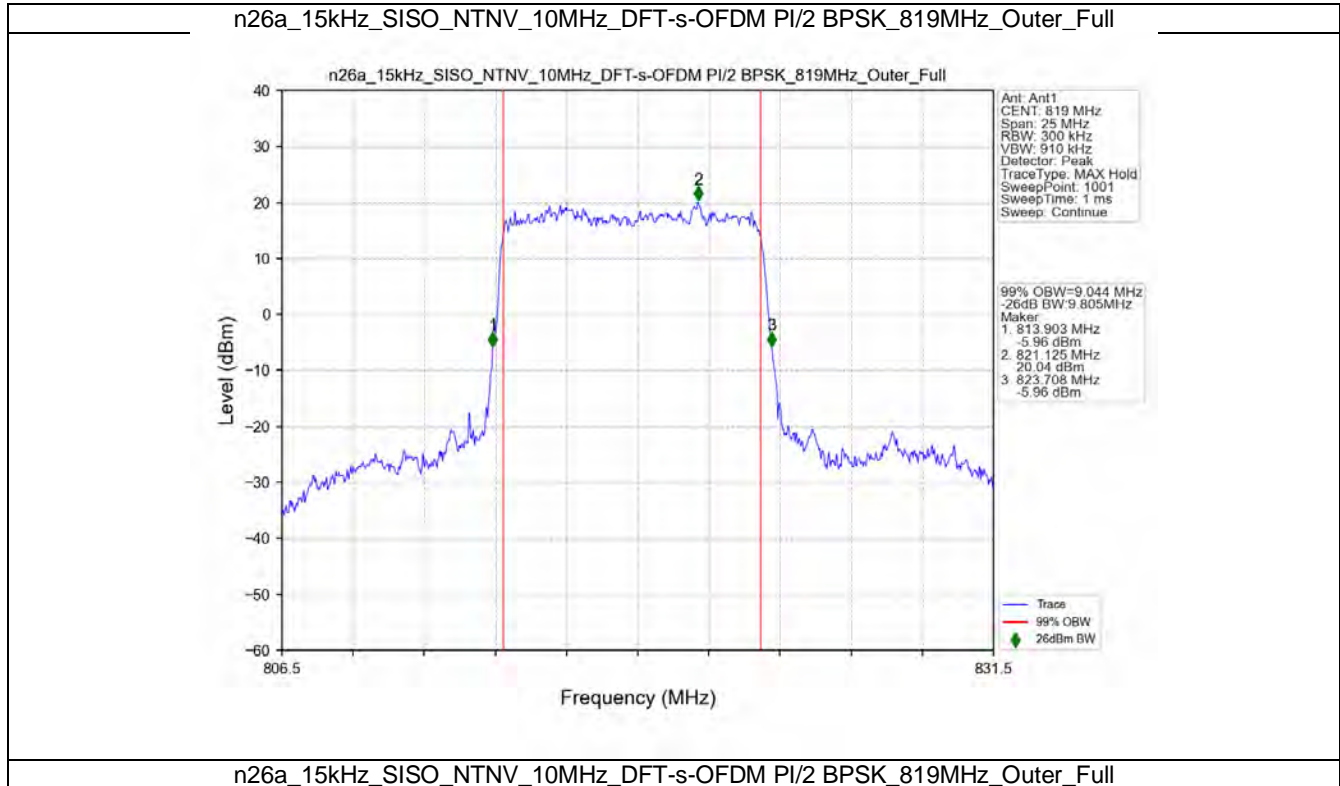
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3.2.2 Test Graph



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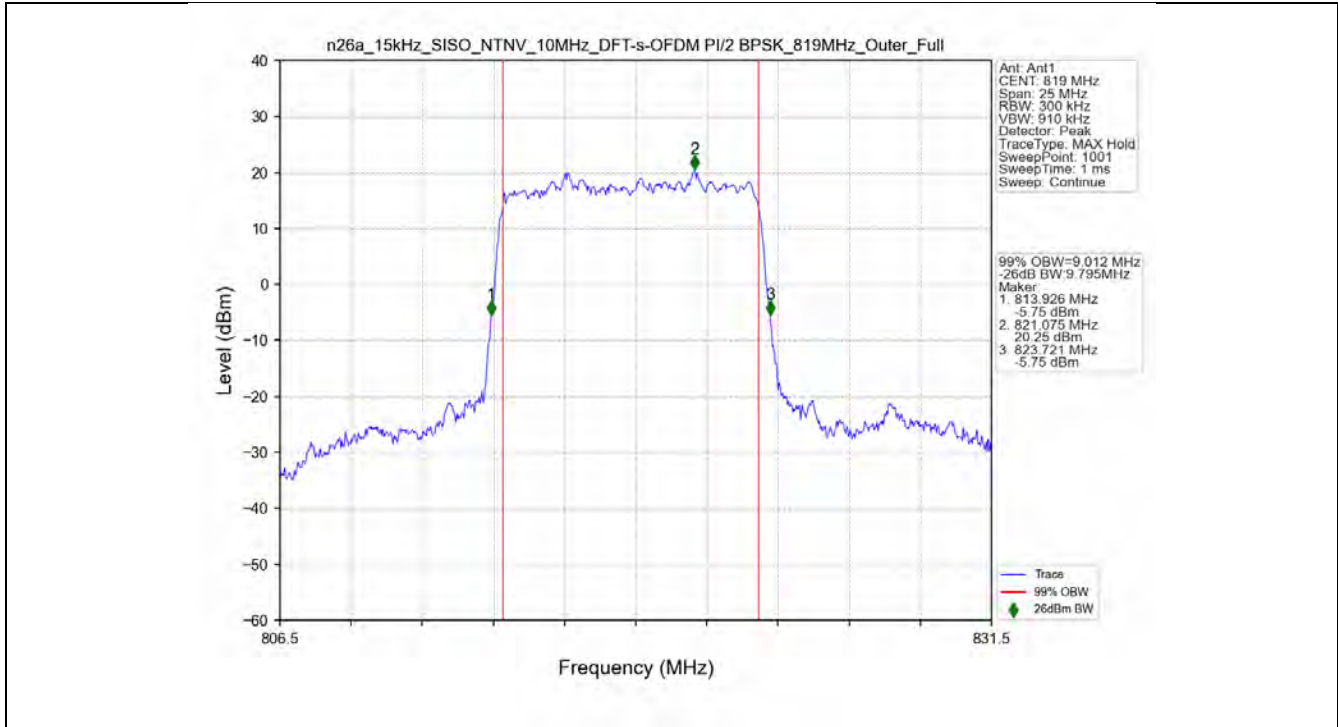
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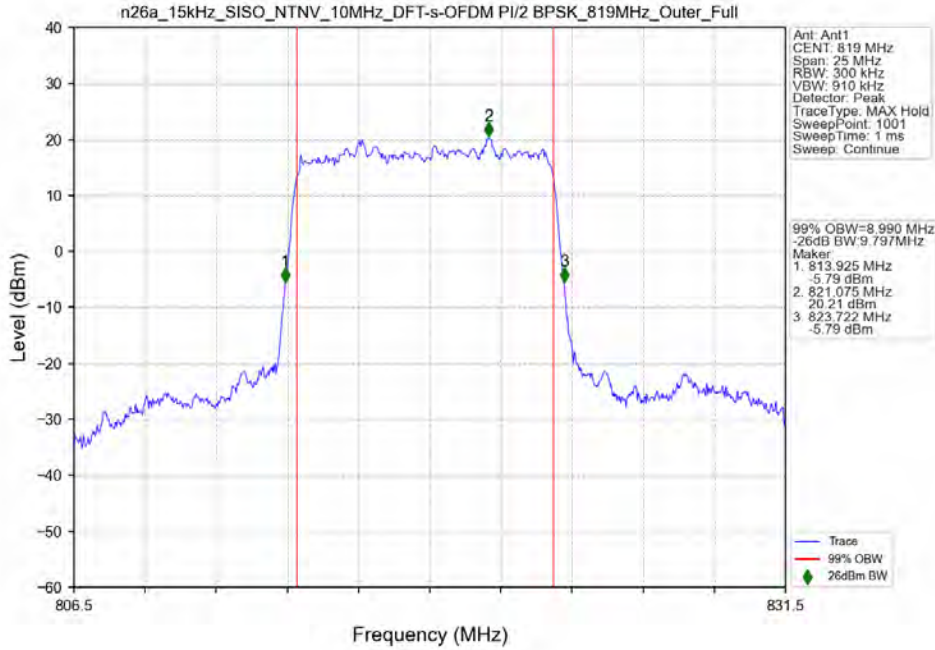
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Outer_Full



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Outer_Full



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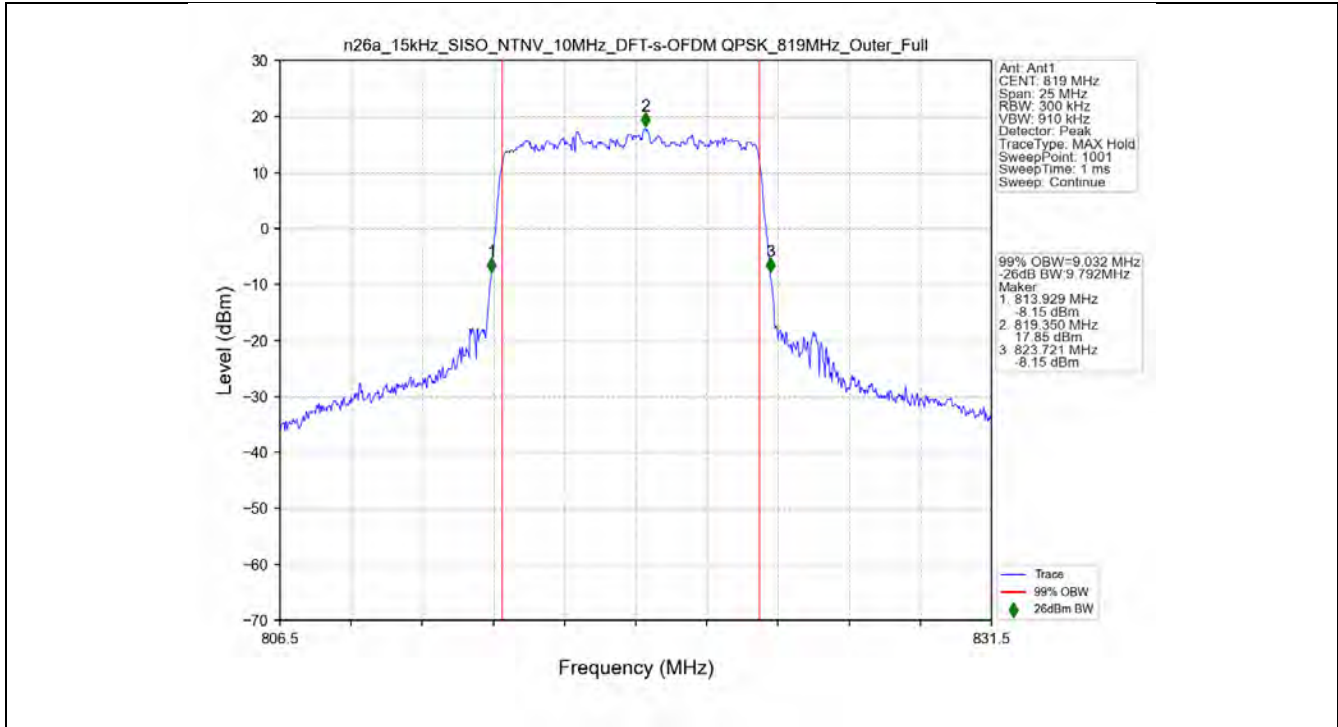
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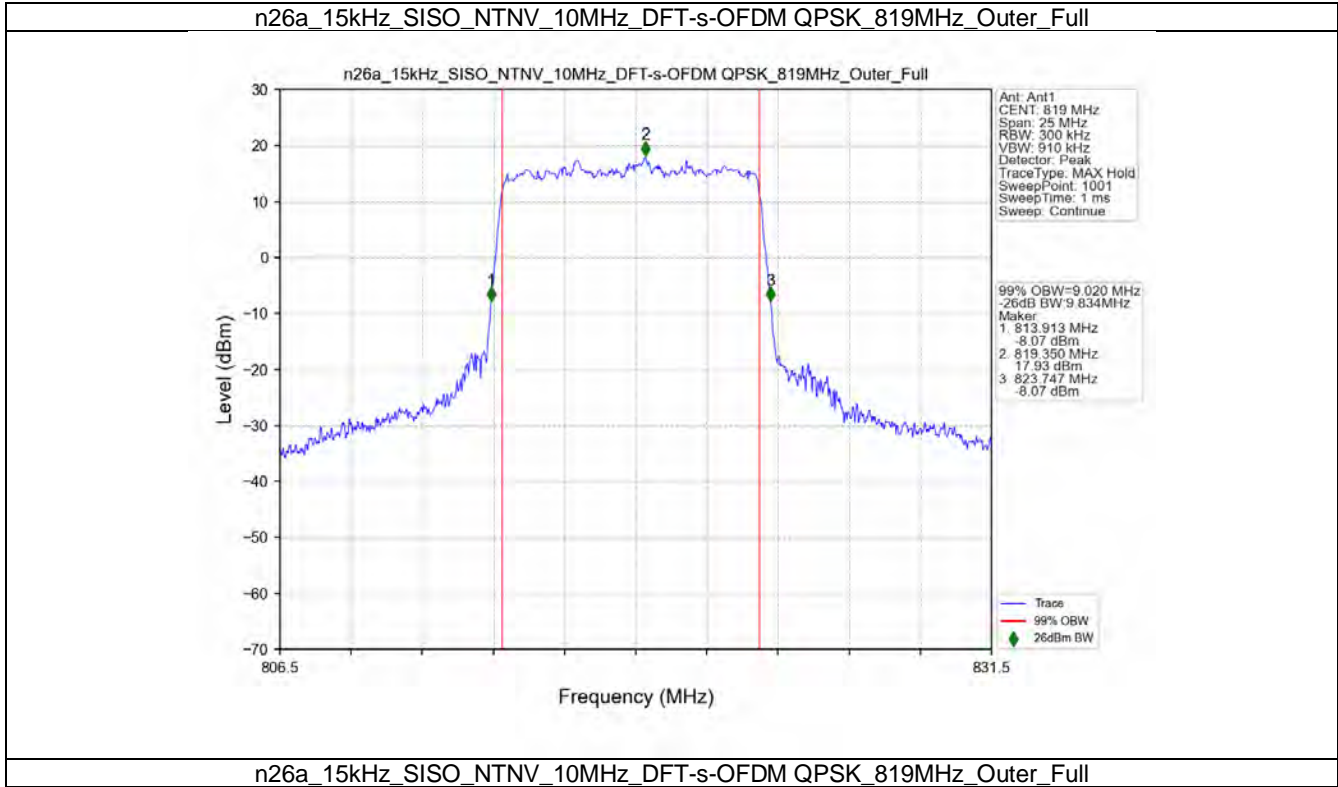
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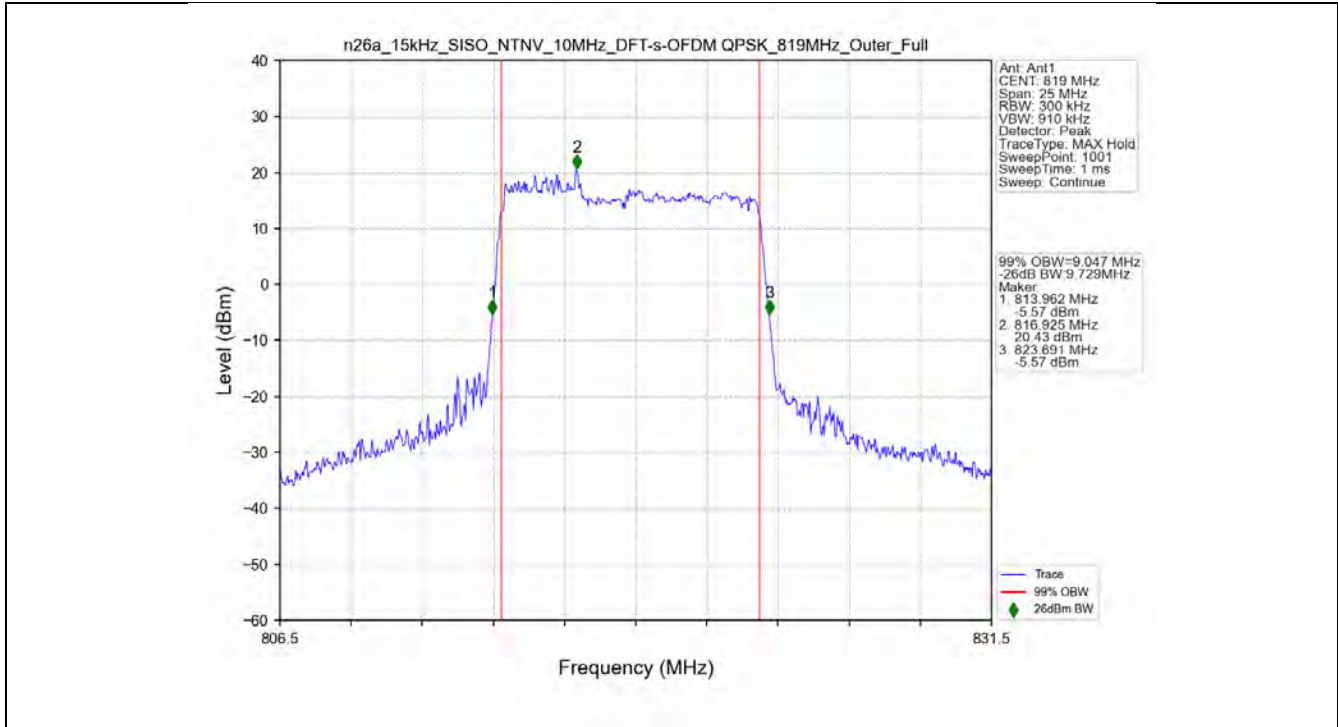
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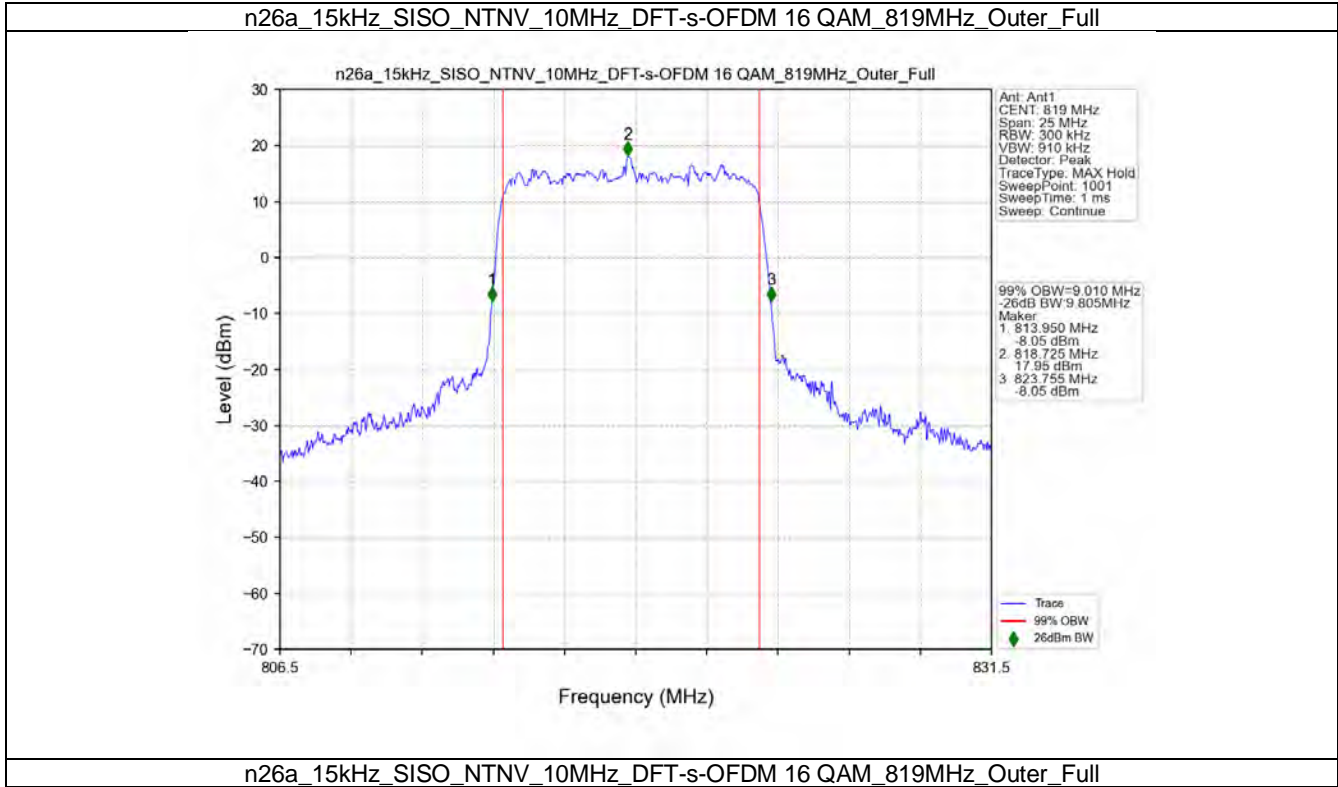
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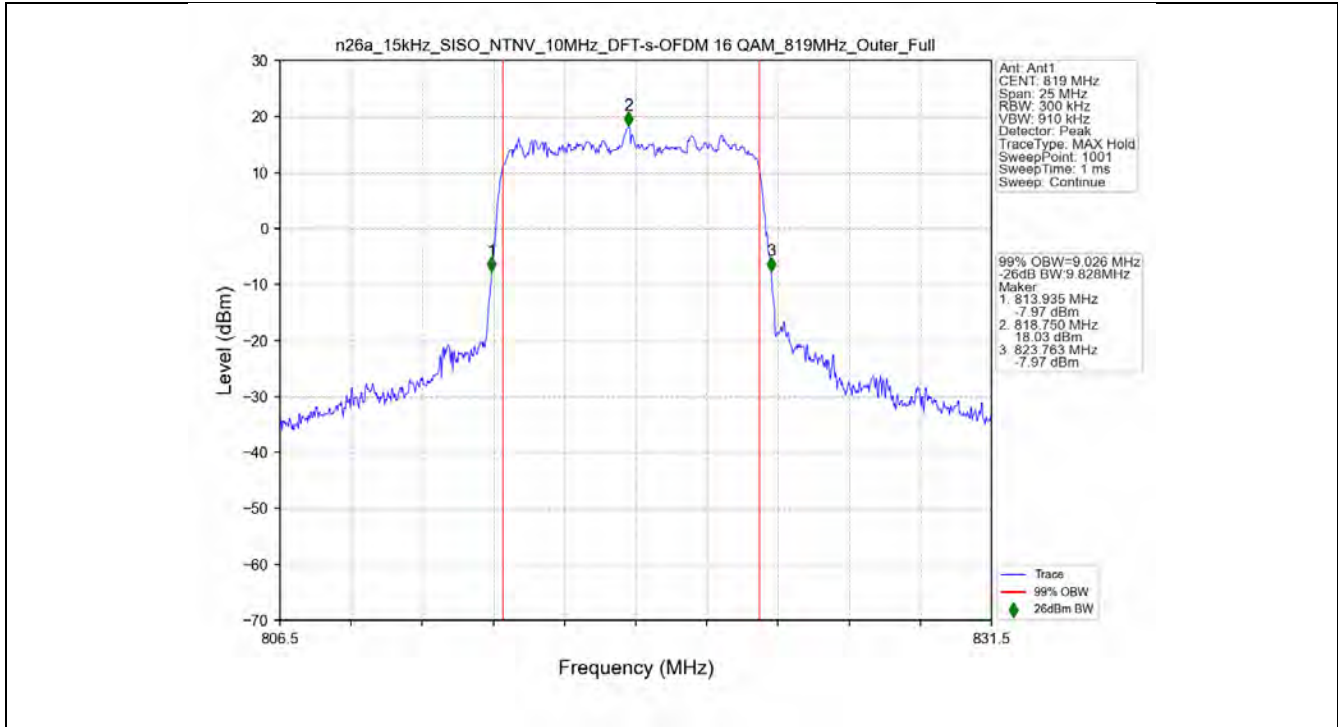
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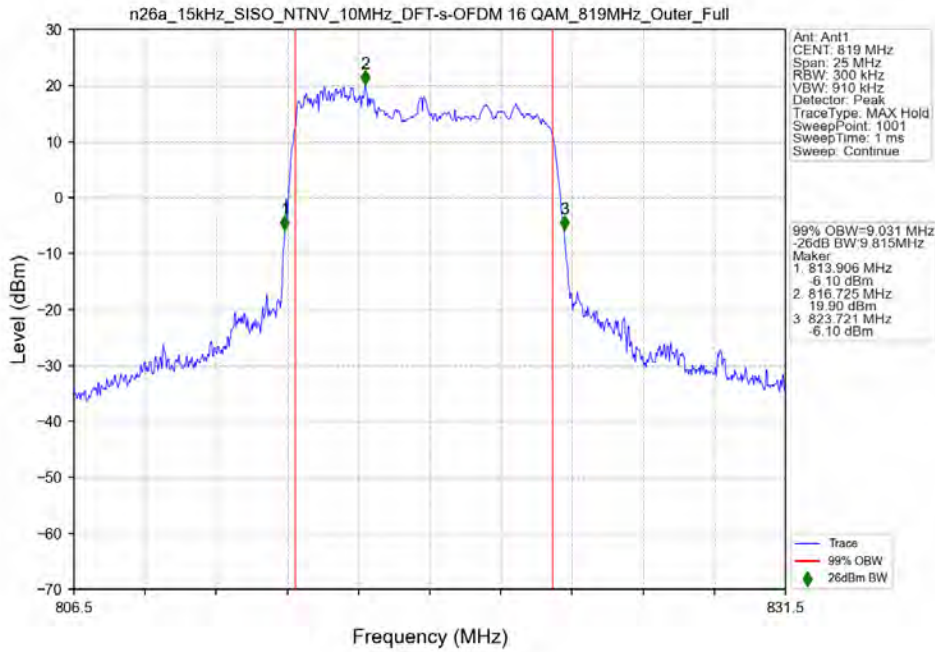
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_819MHz_Outer_Full



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_819MHz_Outer_Full



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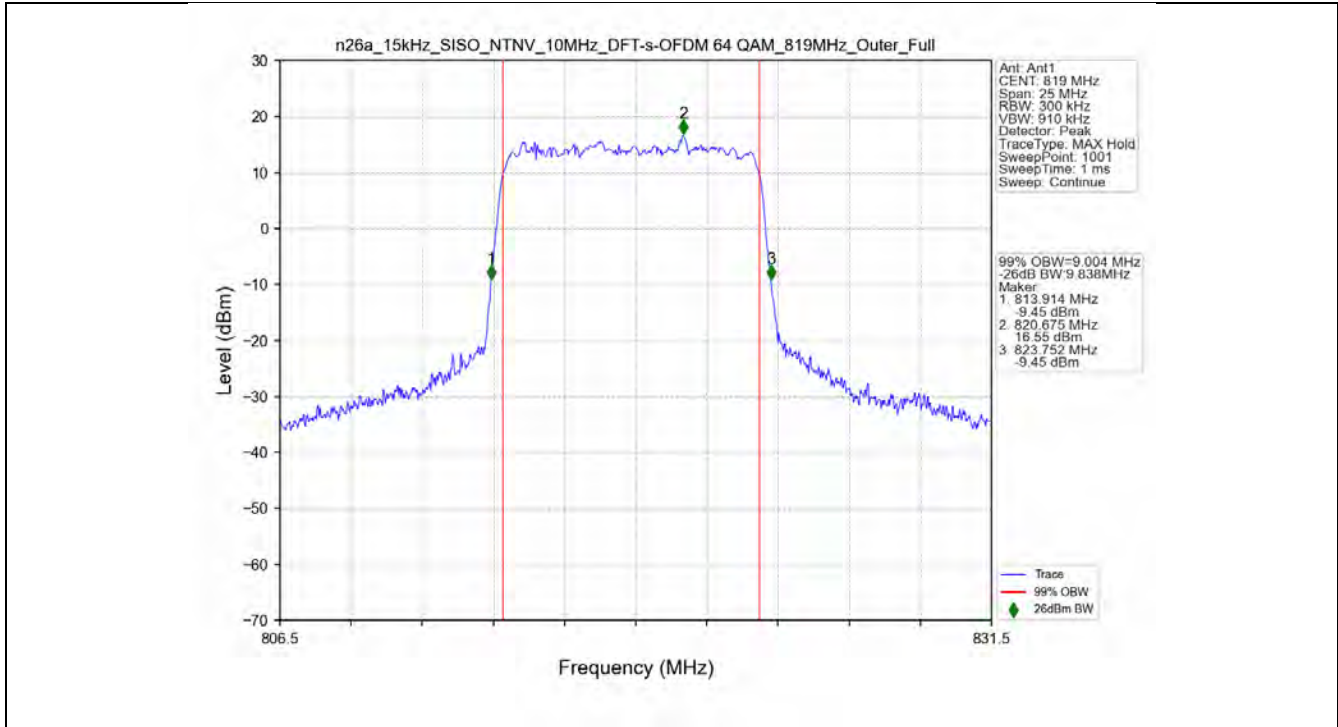
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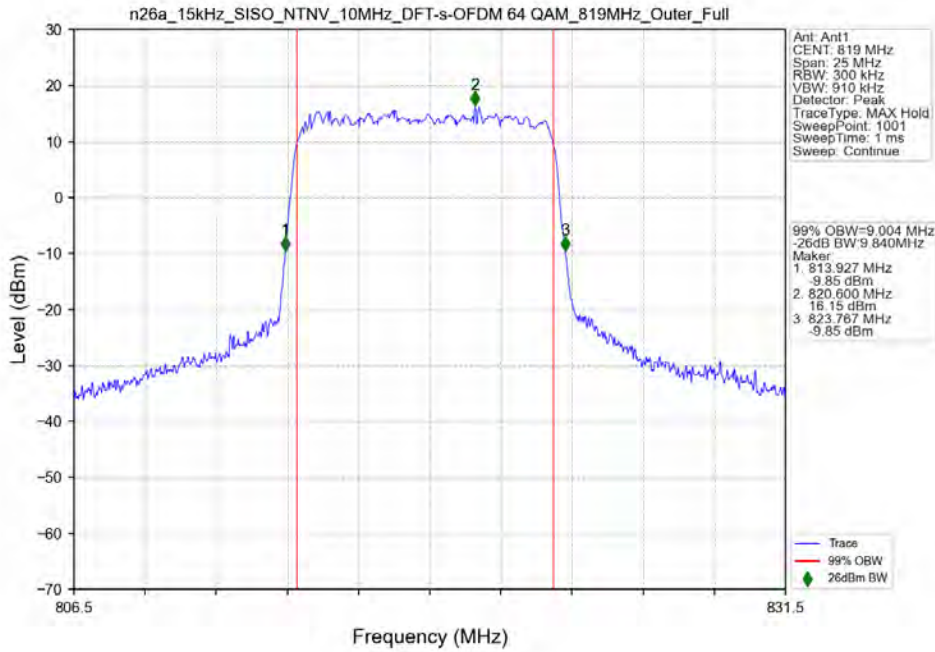
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_819MHz_Outer_Full



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_819MHz_Outer_Full



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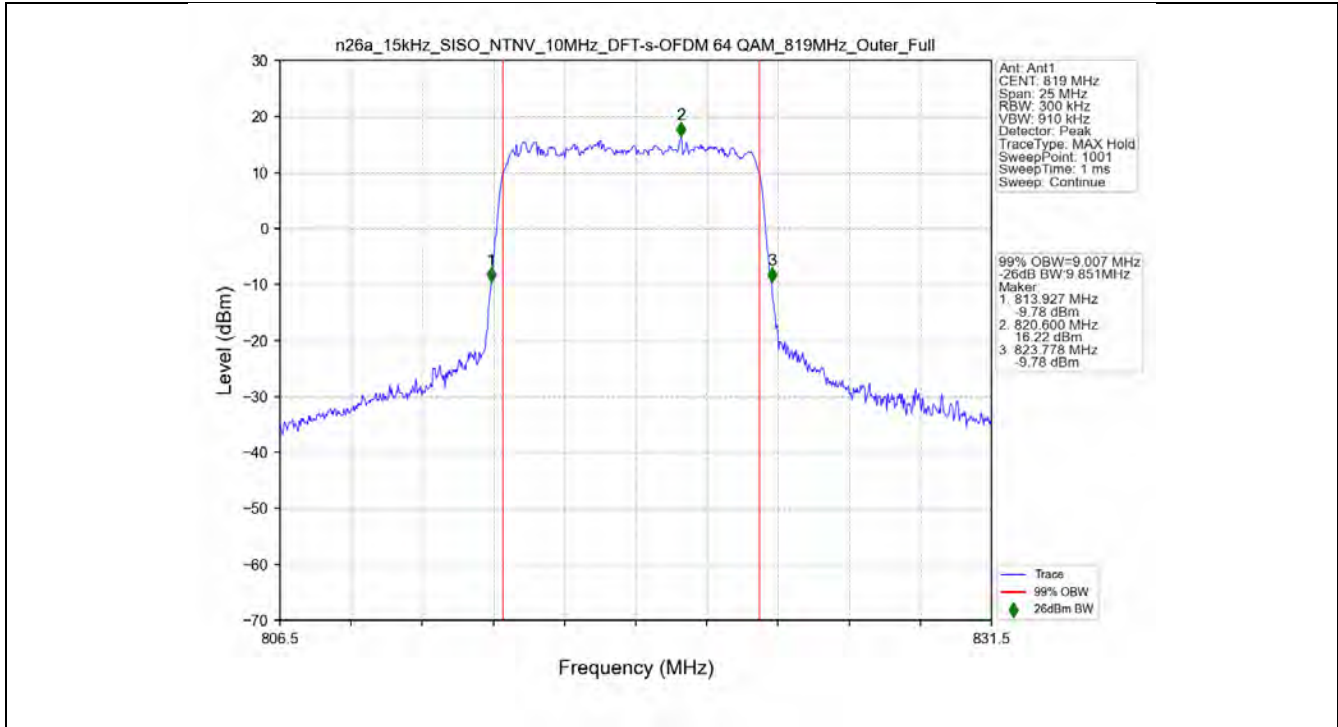
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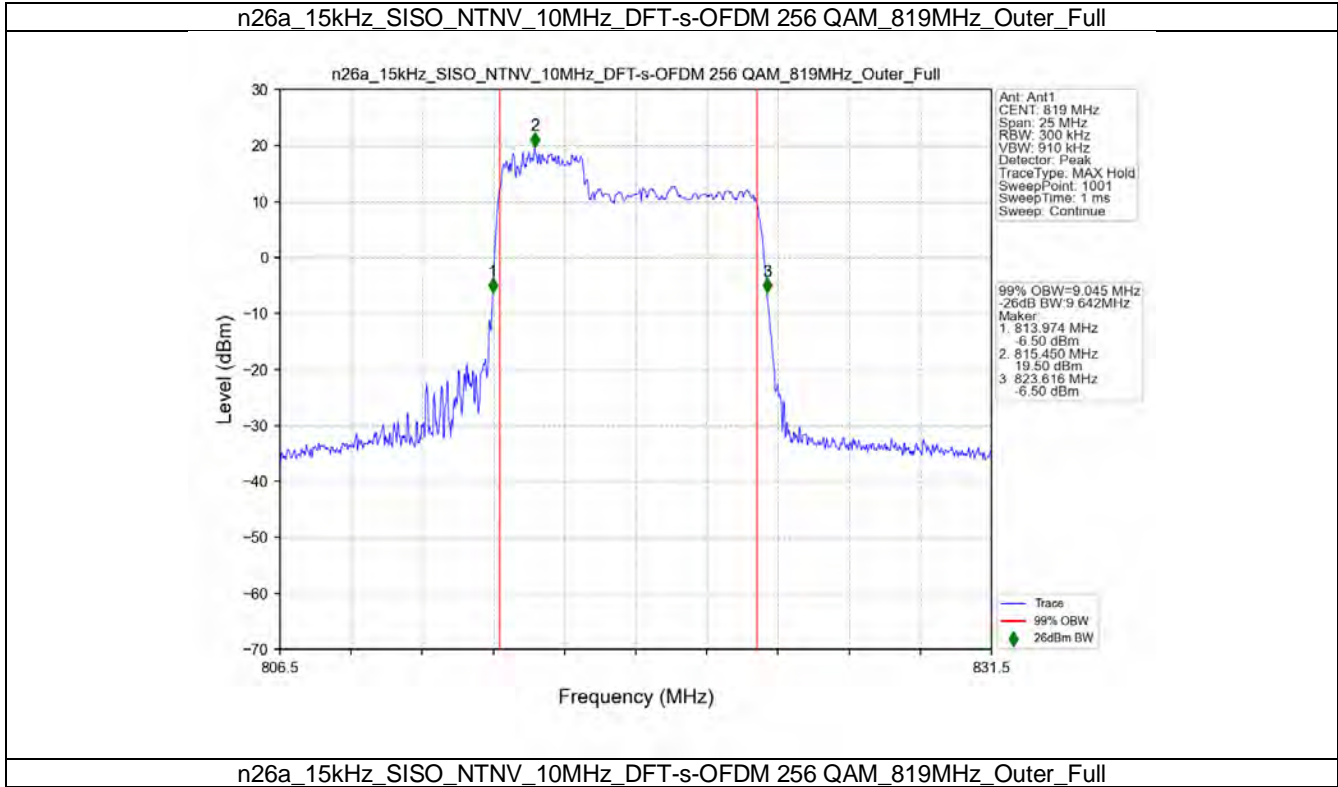
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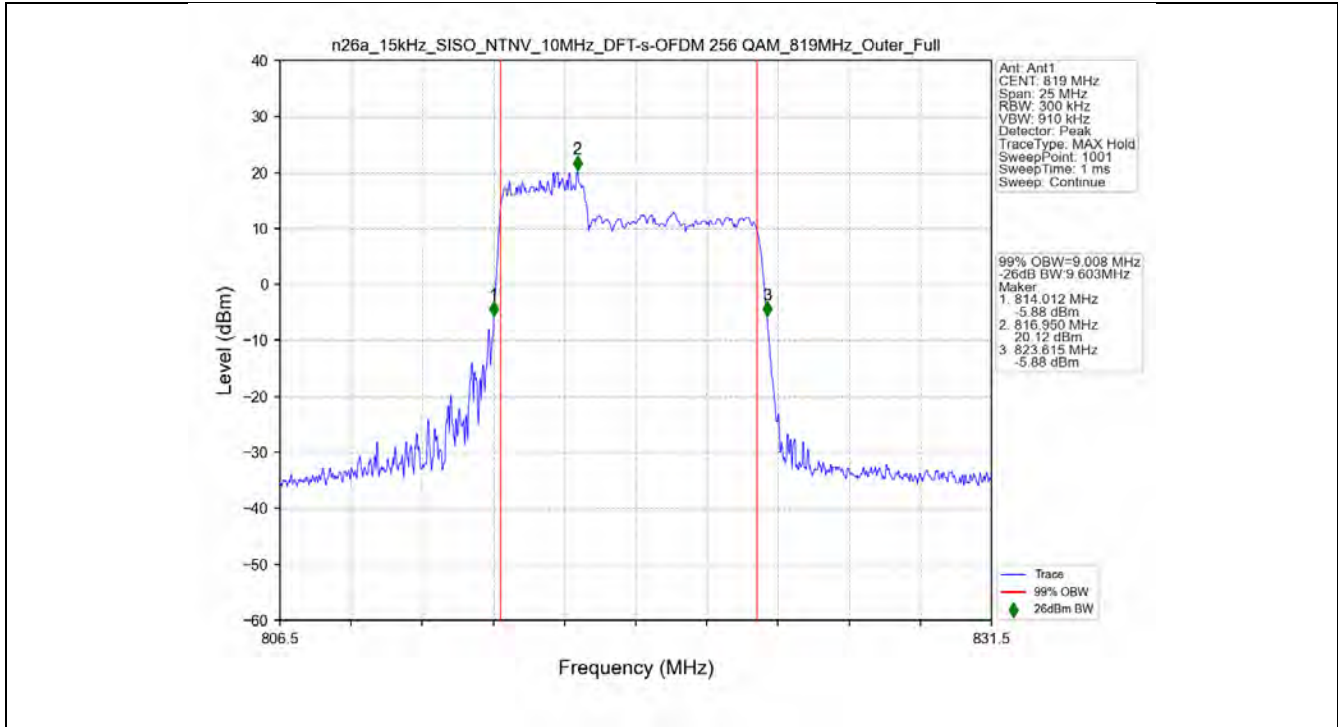
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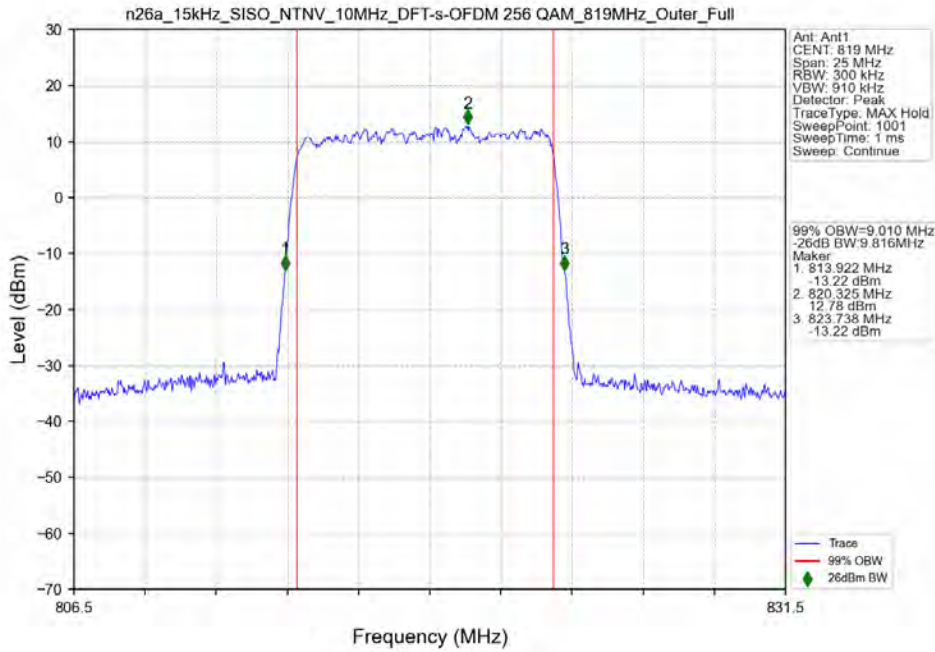
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_819MHz_Outer_Full



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Outer_Full



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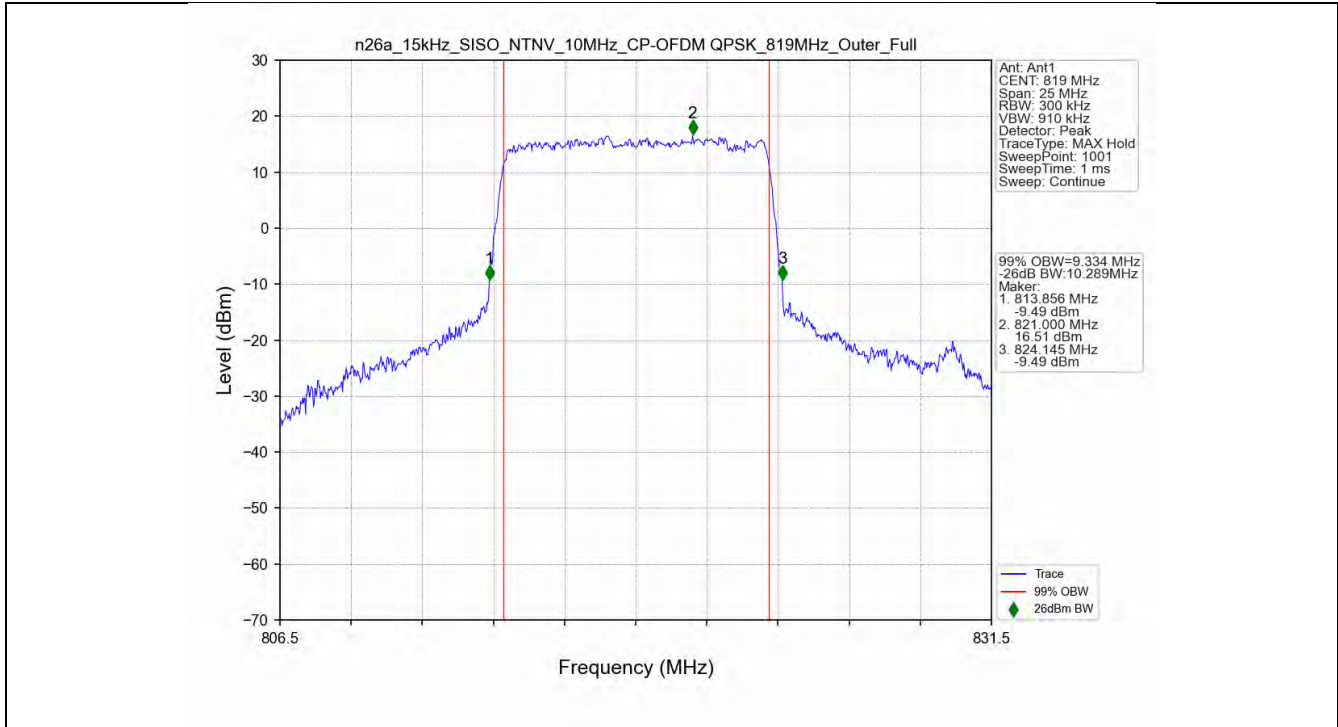
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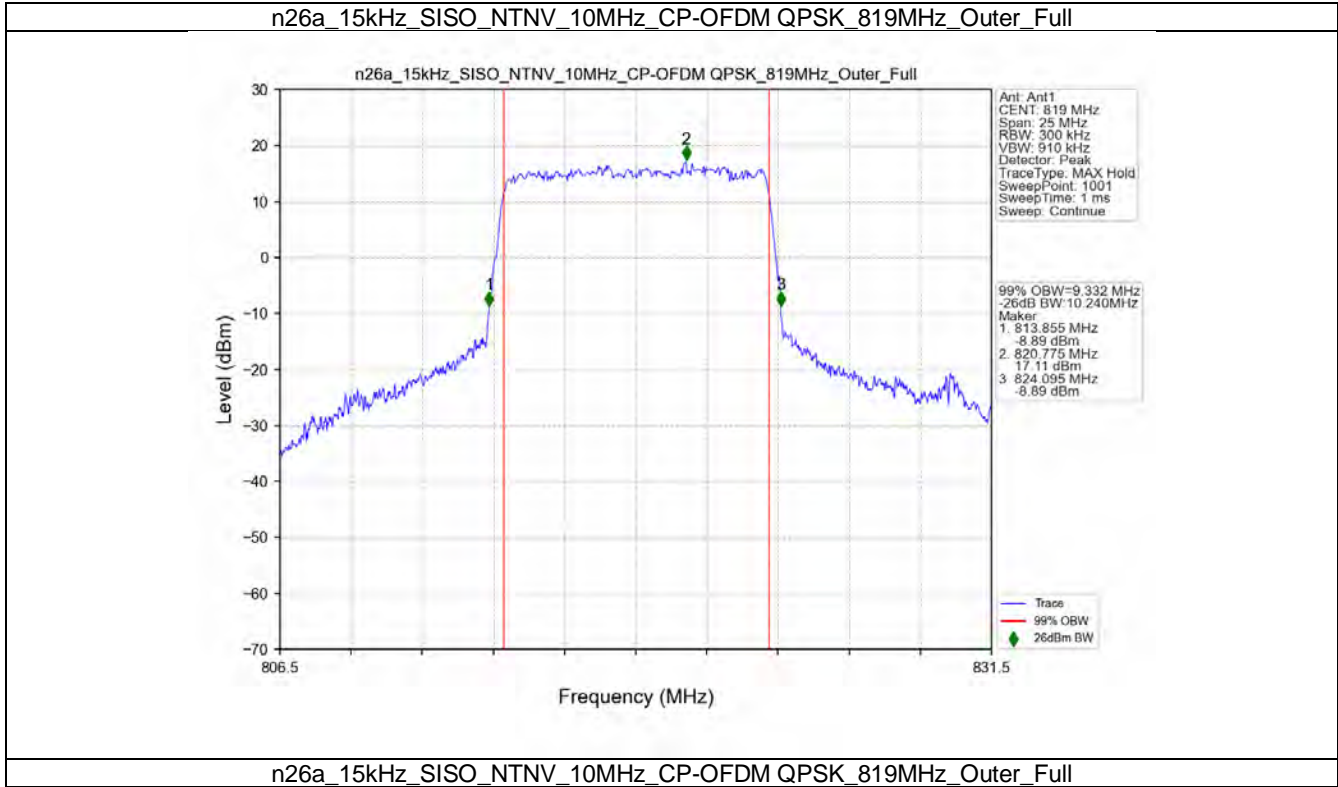
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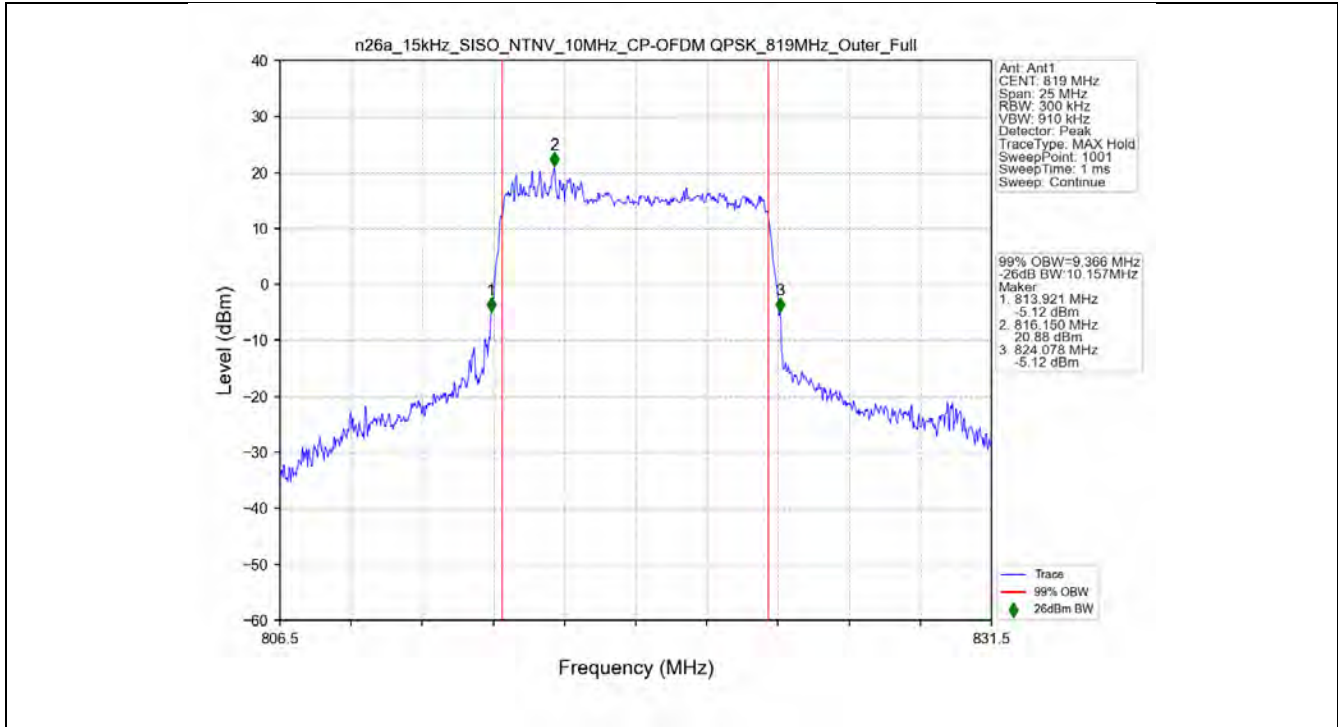
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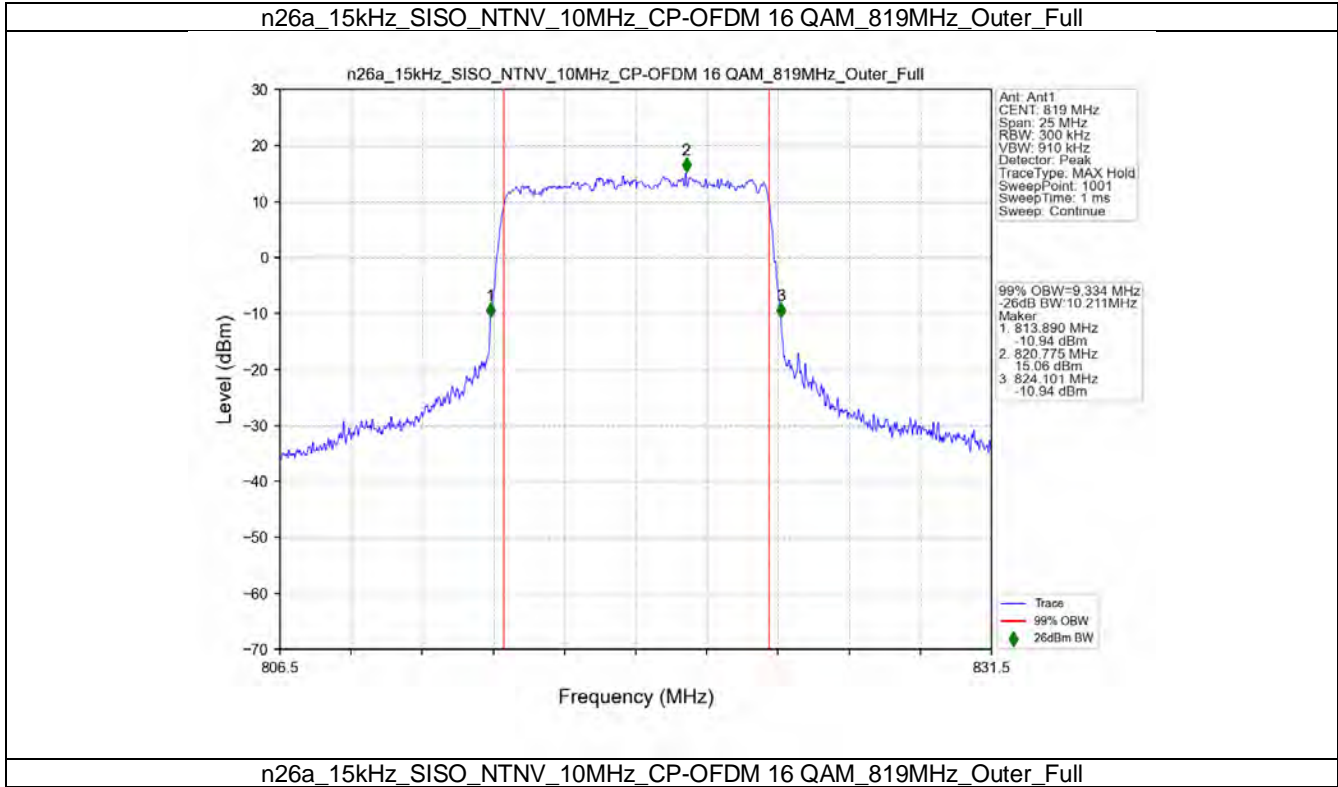
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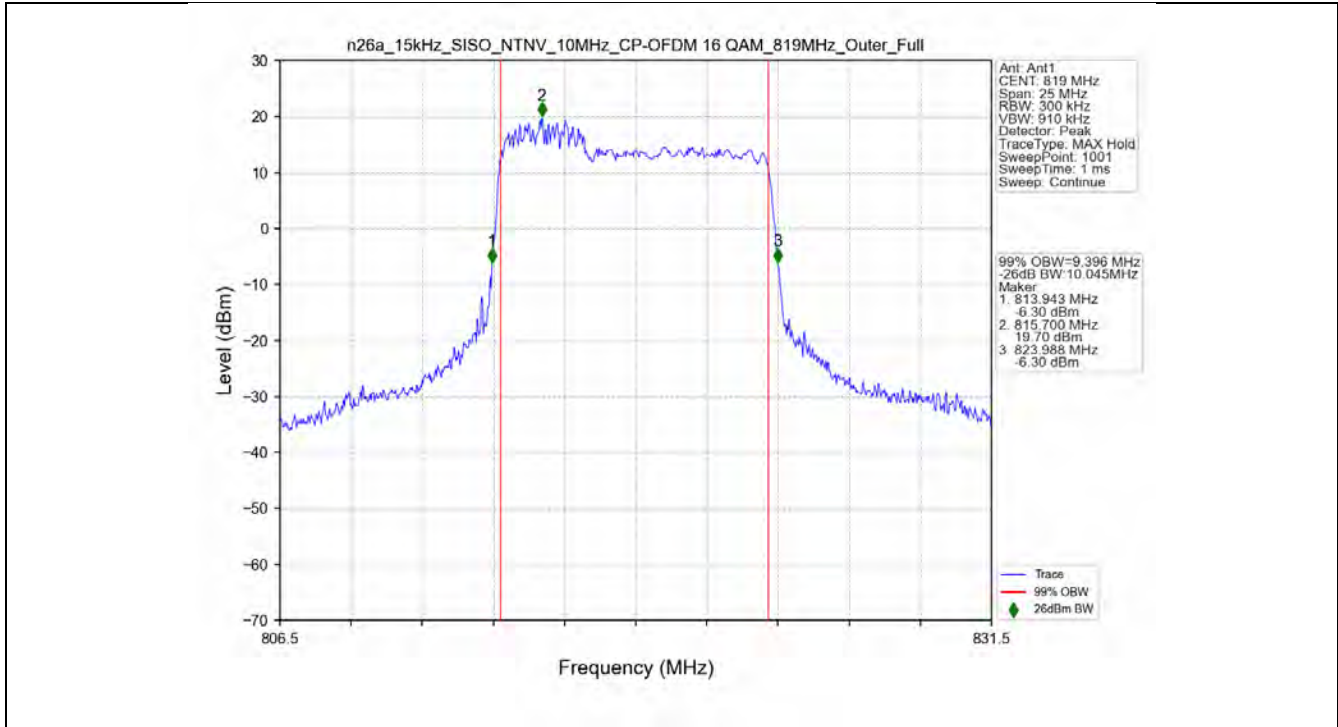
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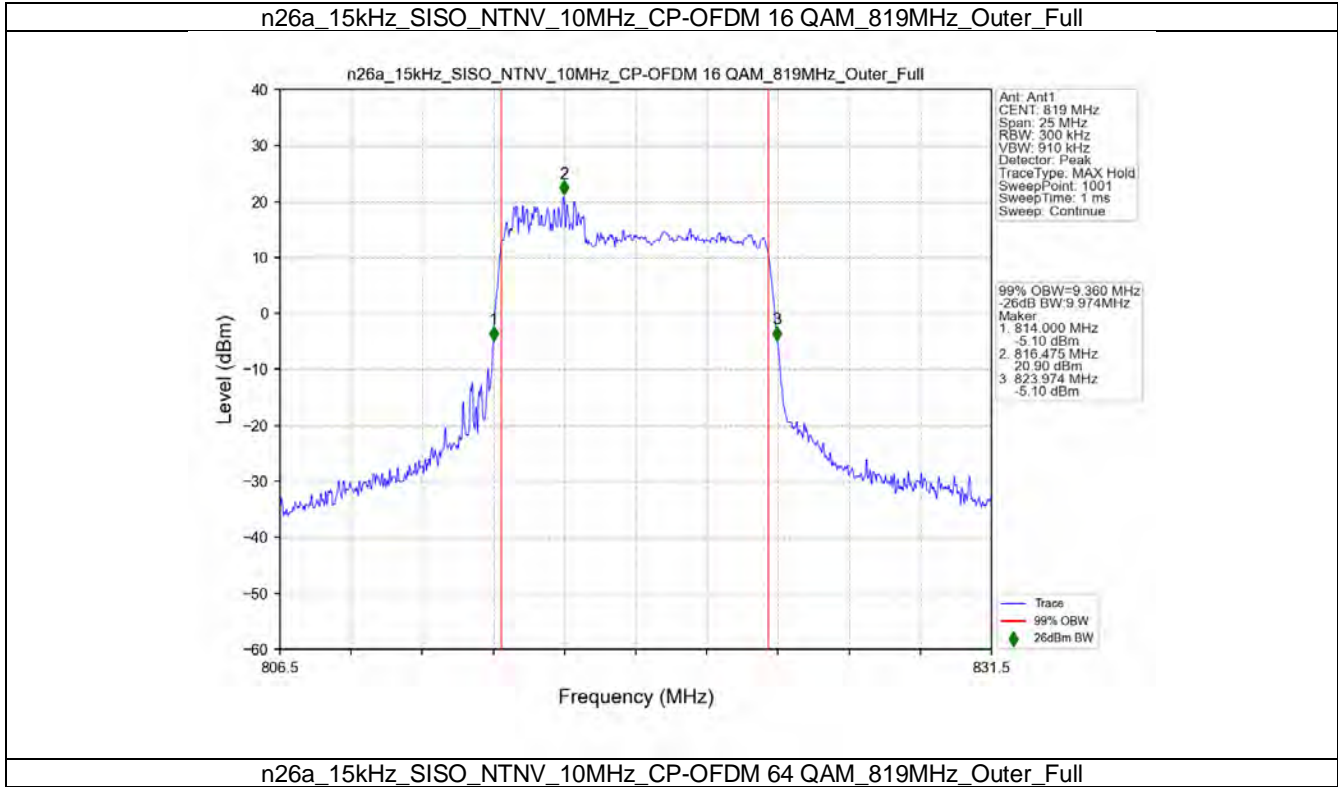
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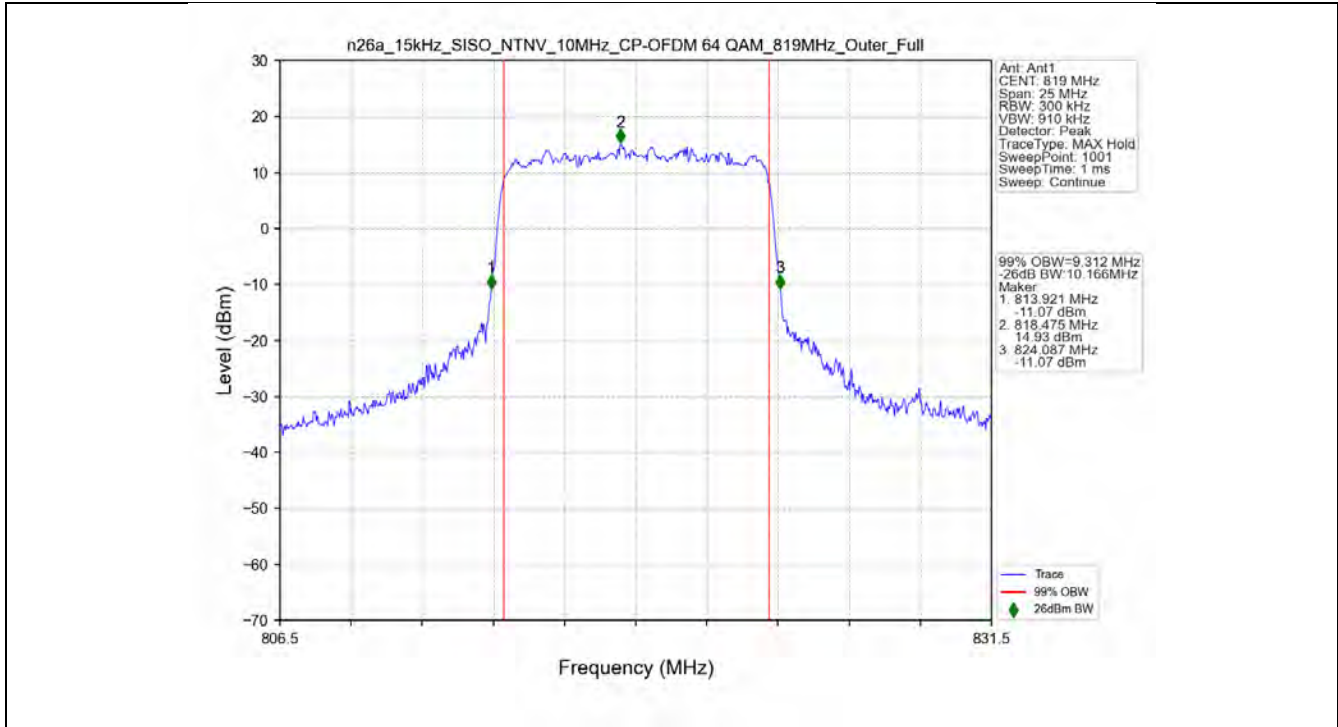
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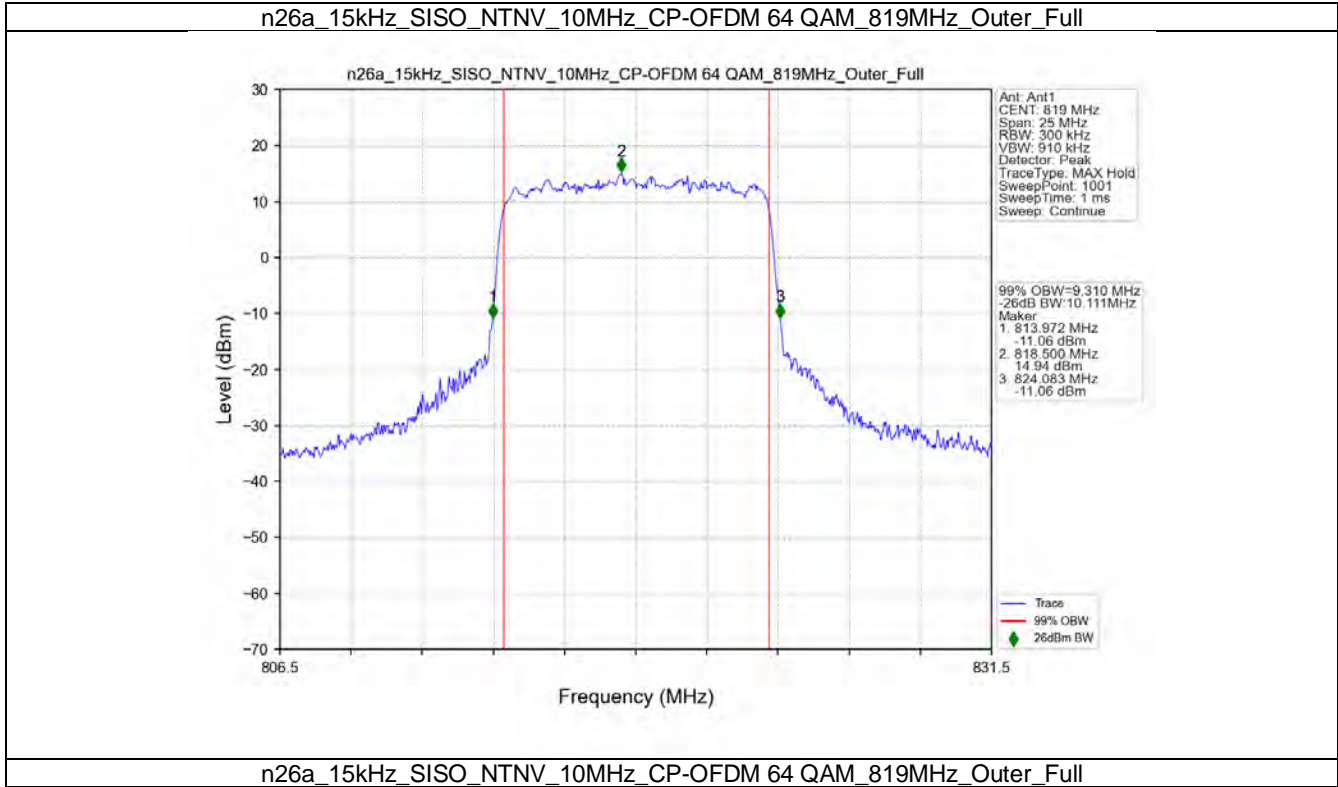
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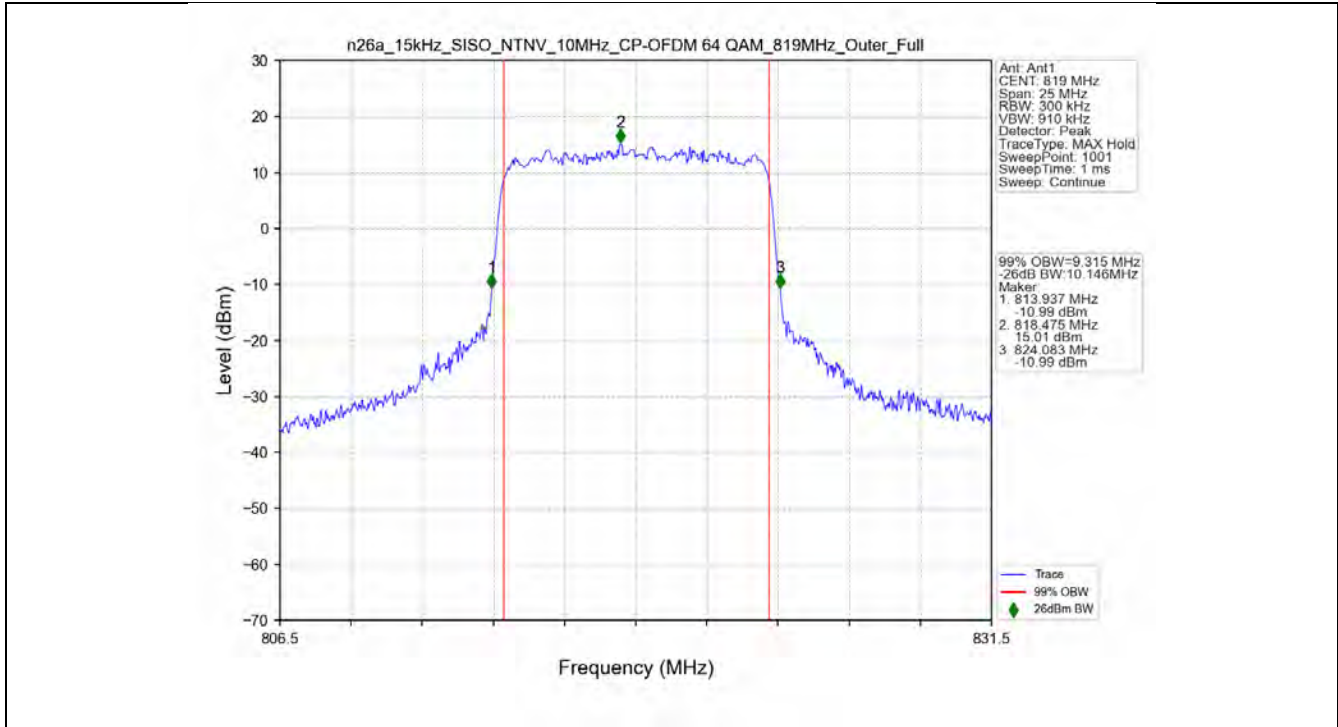
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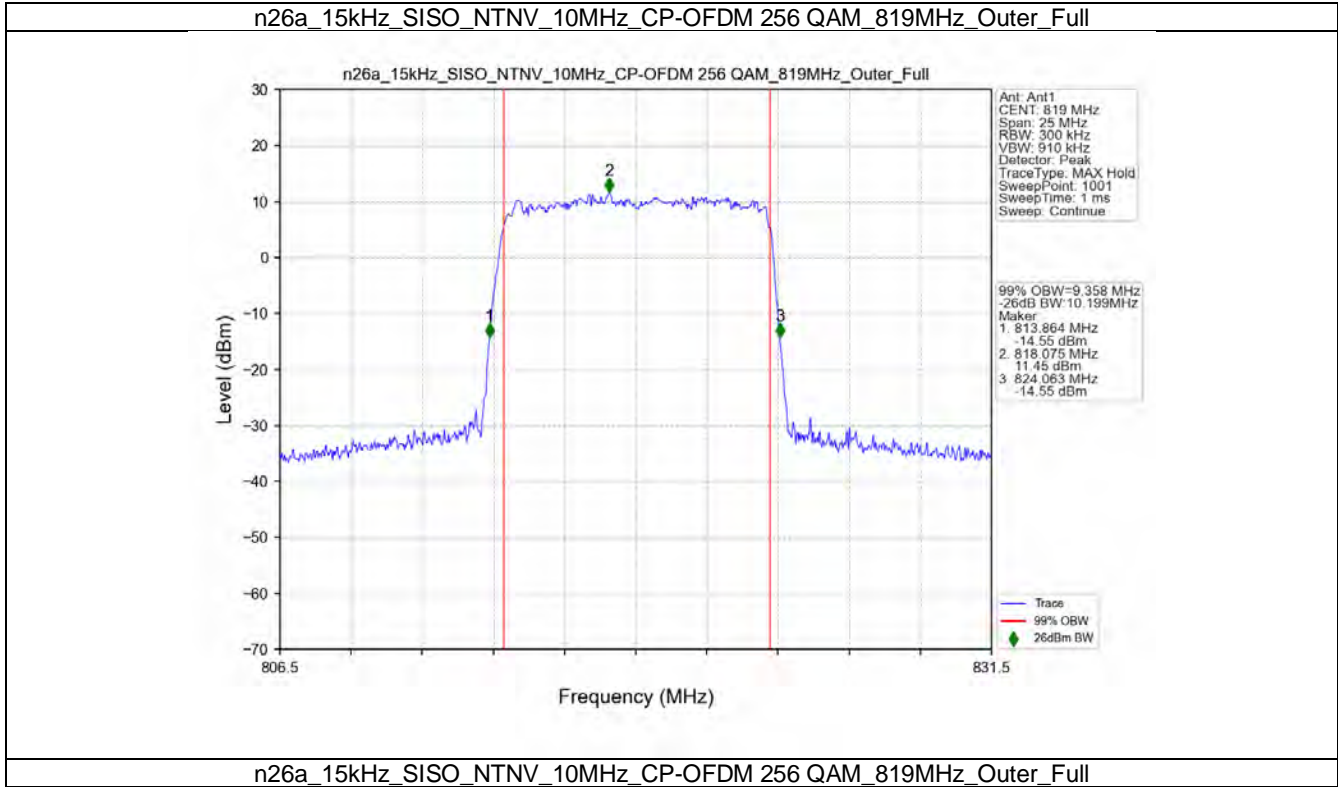
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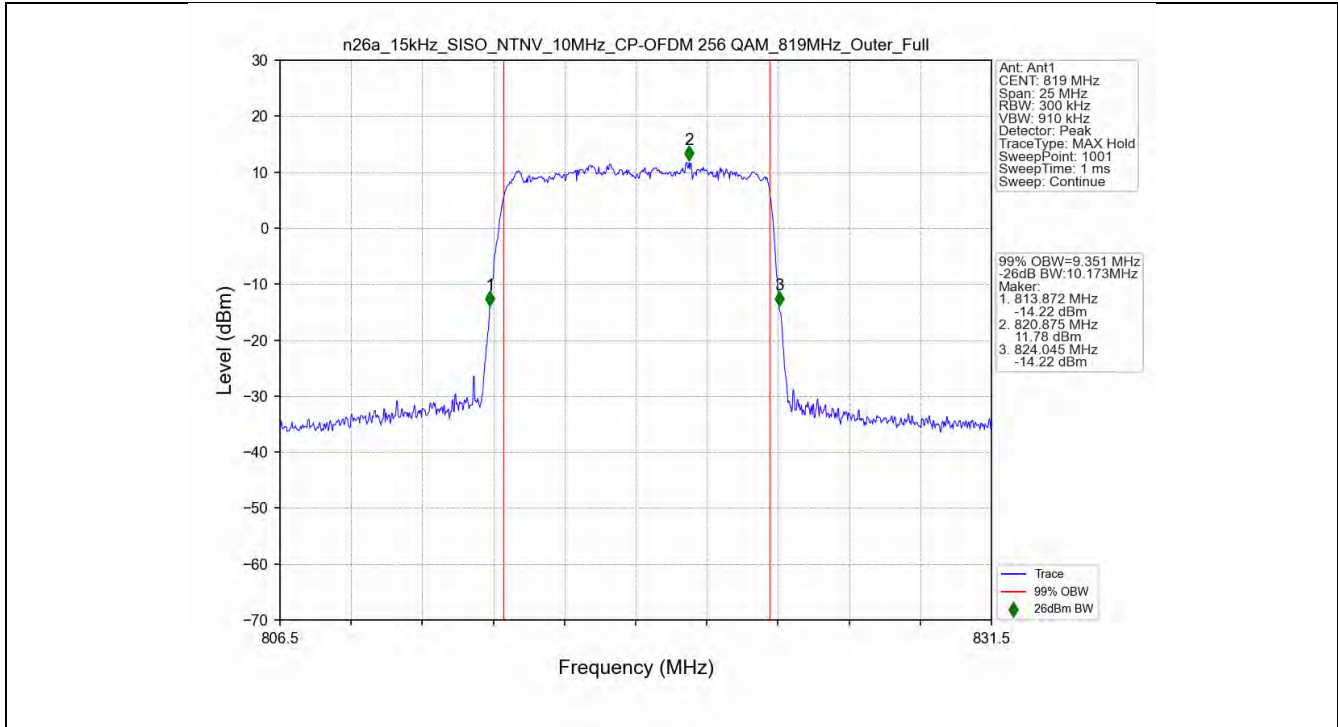
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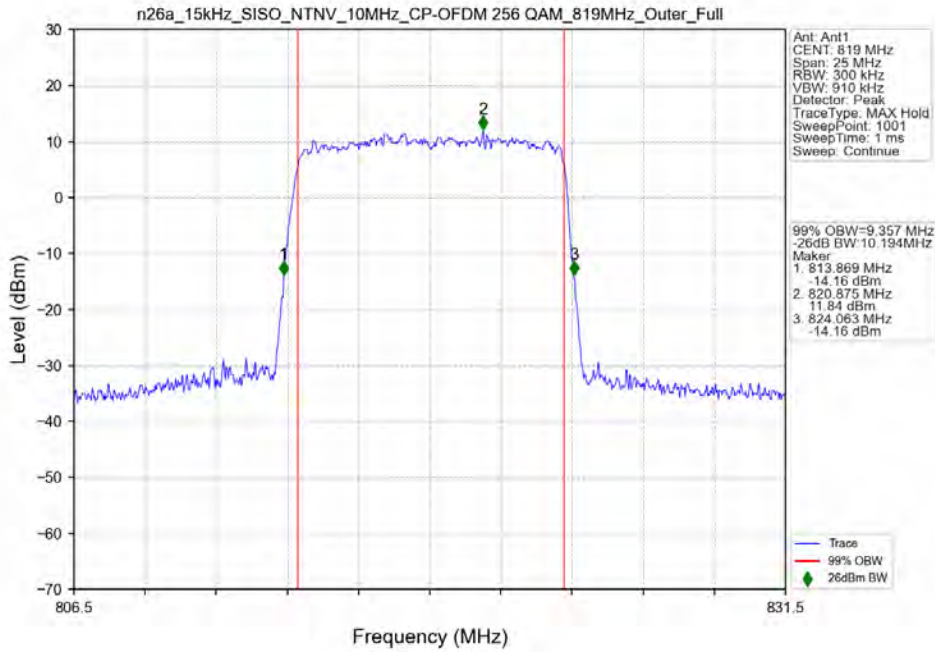
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4. Peak-Average Ratio

4.1 15k_SISO_5MHz_NTNV

4.1.1 Test Result

5G NR n26a SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	816.5	Outer_Full	4.48	/	/	<=13	Pass
	819	Outer_Full	3.92	/	/	<=13	Pass
	821.5	Outer_Full	3.84	/	/	<=13	Pass
DFT-s-OFDM QPSK	816.5	Outer_Full	5.24	/	/	<=13	Pass
	819	Outer_Full	4.56	/	/	<=13	Pass
	821.5	Outer_Full	5.44	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	816.5	Outer_Full	6.07	/	/	<=13	Pass
	819	Outer_Full	5.63	/	/	<=13	Pass
	821.5	Outer_Full	5.69	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	816.5	Outer_Full	6.39	/	/	<=13	Pass
	819	Outer_Full	7.10	/	/	<=13	Pass
	821.5	Outer_Full	6.06	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	816.5	Outer_Full	6.31	/	/	<=13	Pass
	819	Outer_Full	7.80	/	/	<=13	Pass
	821.5	Outer_Full	6.29	/	/	<=13	Pass
CP-OFDM QPSK	816.5	Outer_Full	7.36	/	/	<=13	Pass
	819	Outer_Full	7.50	/	/	<=13	Pass
	821.5	Outer_Full	6.49	/	/	<=13	Pass
CP-OFDM 16 QAM	816.5	Outer_Full	6.88	/	/	<=13	Pass
	819	Outer_Full	6.49	/	/	<=13	Pass
	821.5	Outer_Full	6.49	/	/	<=13	Pass
CP-OFDM 64 QAM	816.5	Outer_Full	8.21	/	/	<=13	Pass
	819	Outer_Full	7.01	/	/	<=13	Pass
	821.5	Outer_Full	7.00	/	/	<=13	Pass
CP-OFDM 256 QAM	816.5	Outer_Full	8.29	/	/	<=13	Pass
	819	Outer_Full	8.24	/	/	<=13	Pass
	821.5	Outer_Full	12.92	/	/	<=13	Pass



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4.1.2 Test Graph



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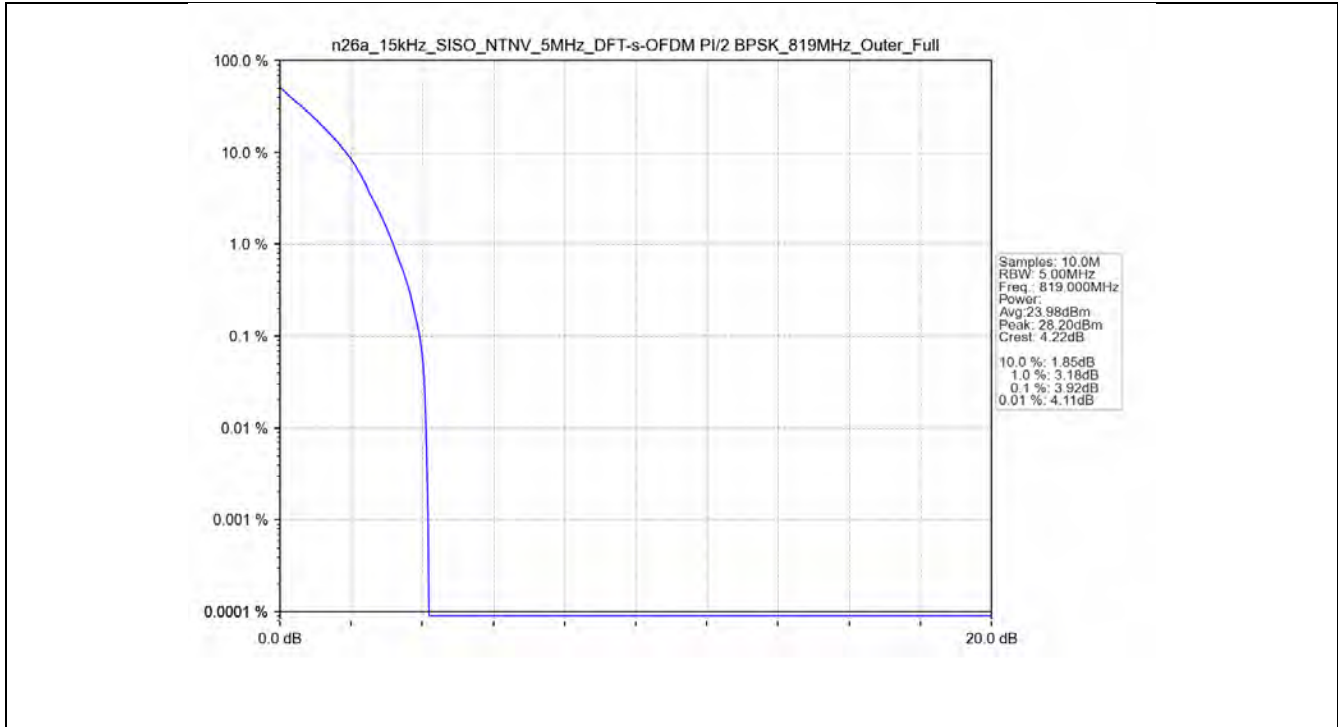
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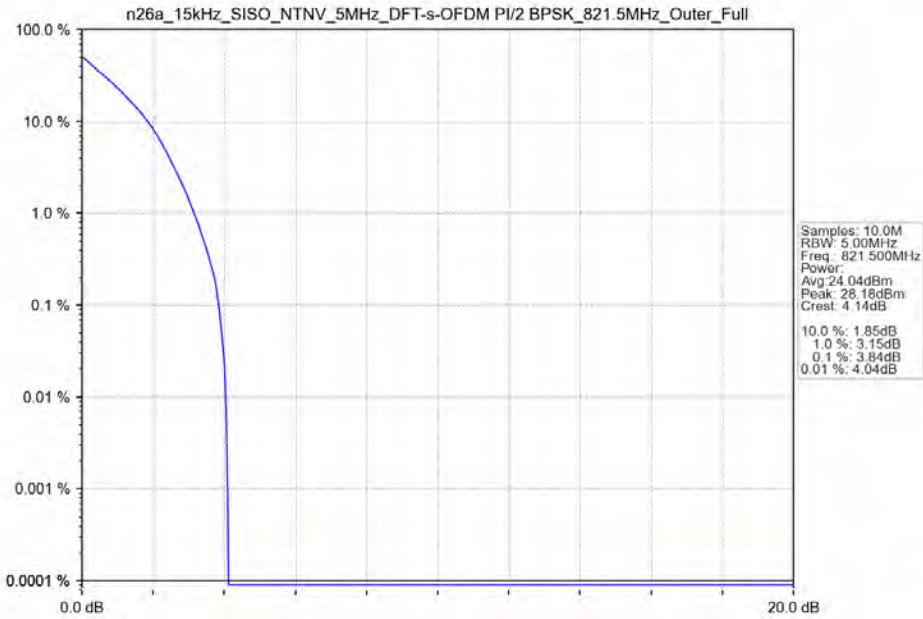
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_821.5MHz_Outer_Full



n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_816.5MHz_Outer_Full



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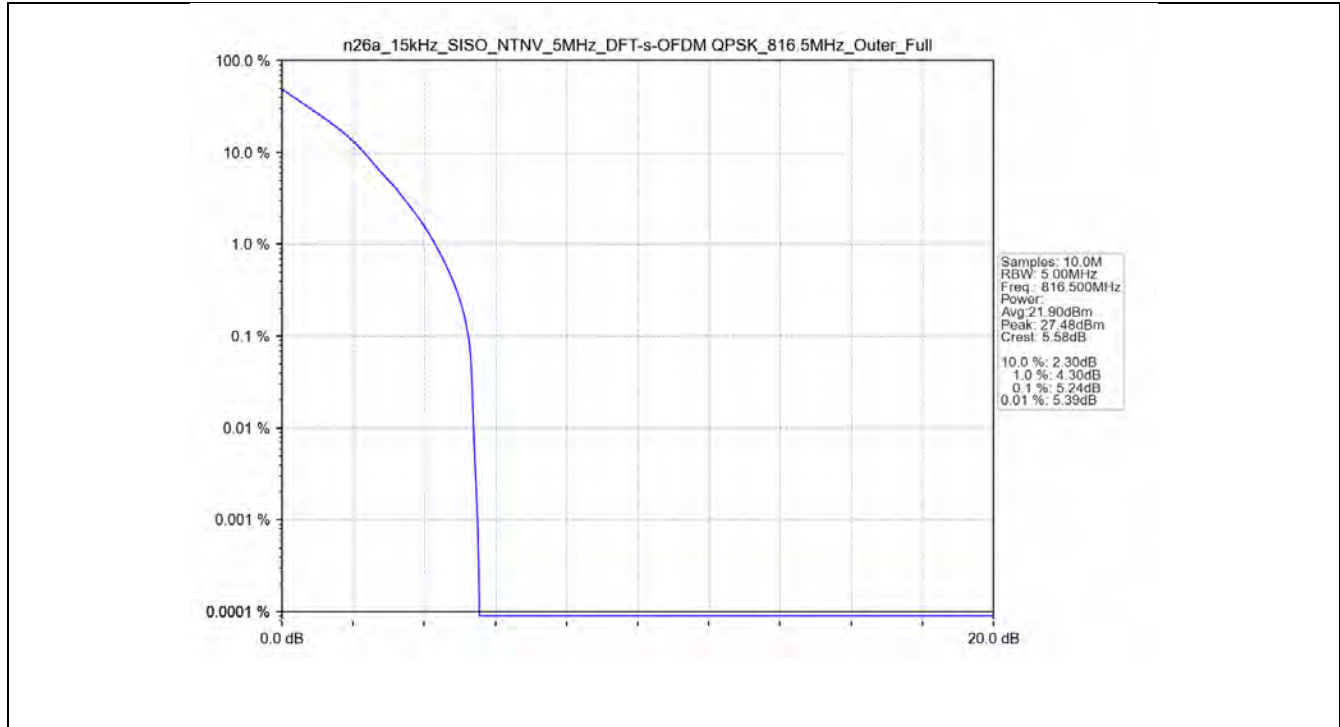
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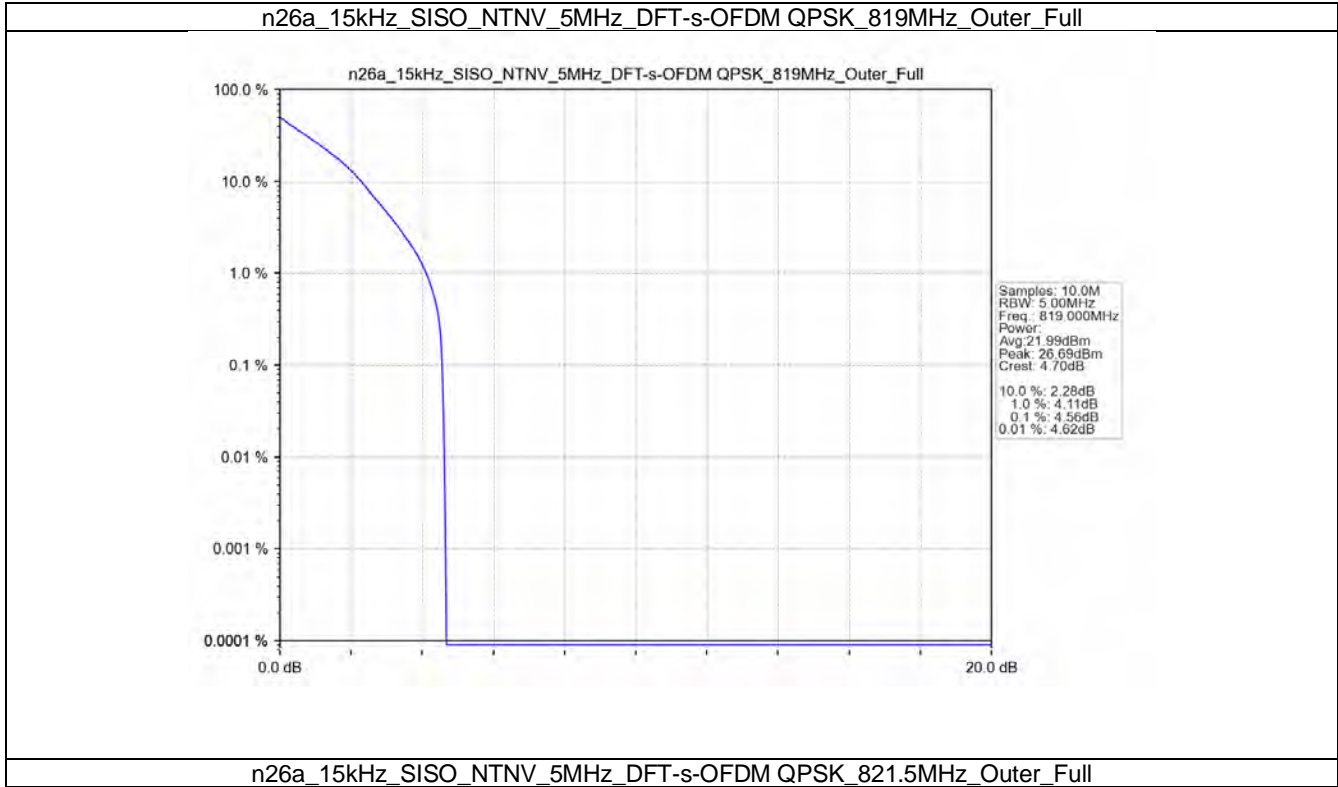
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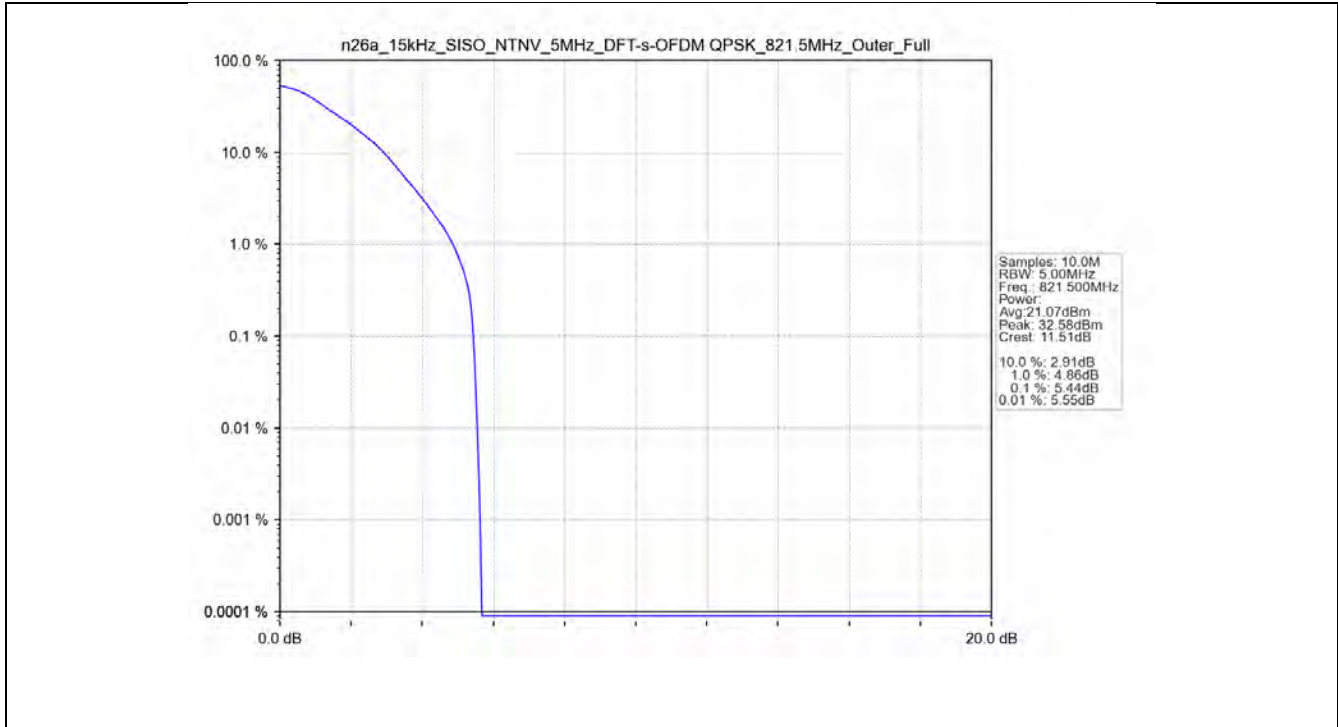
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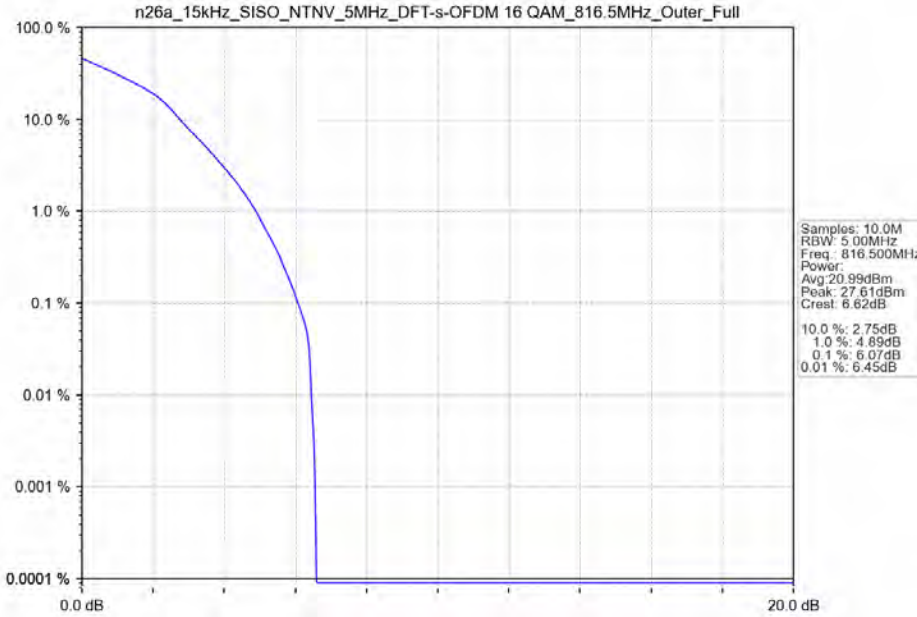
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16 QAM_819MHz_Outer_Full



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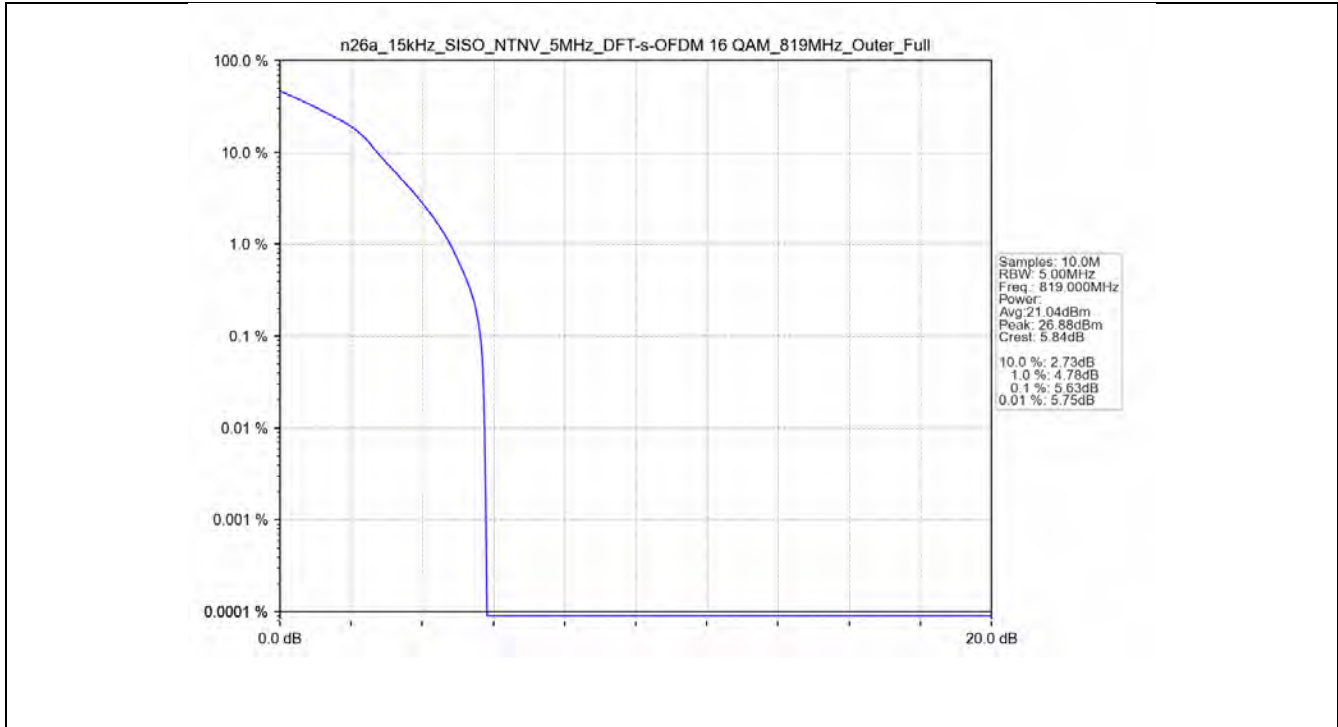
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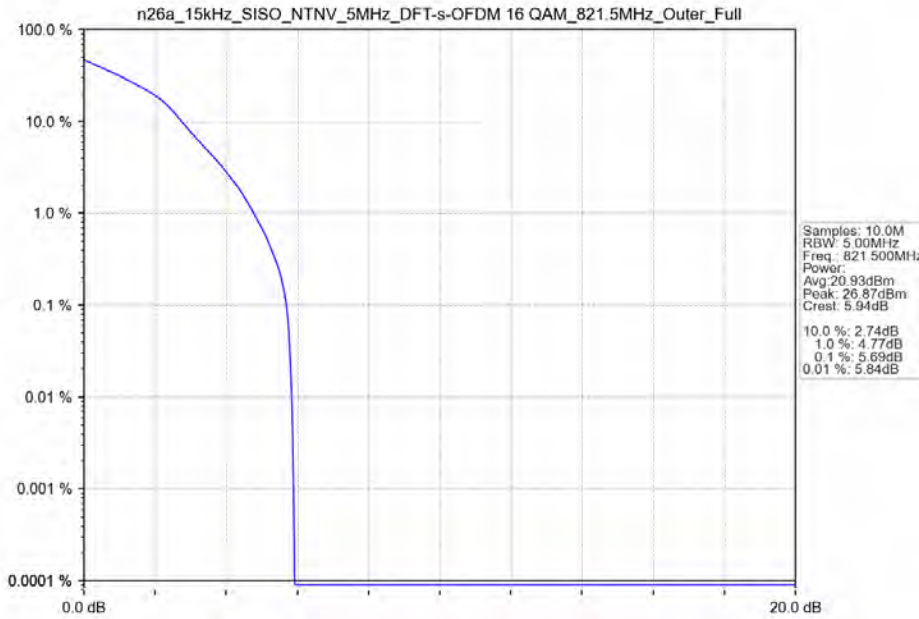
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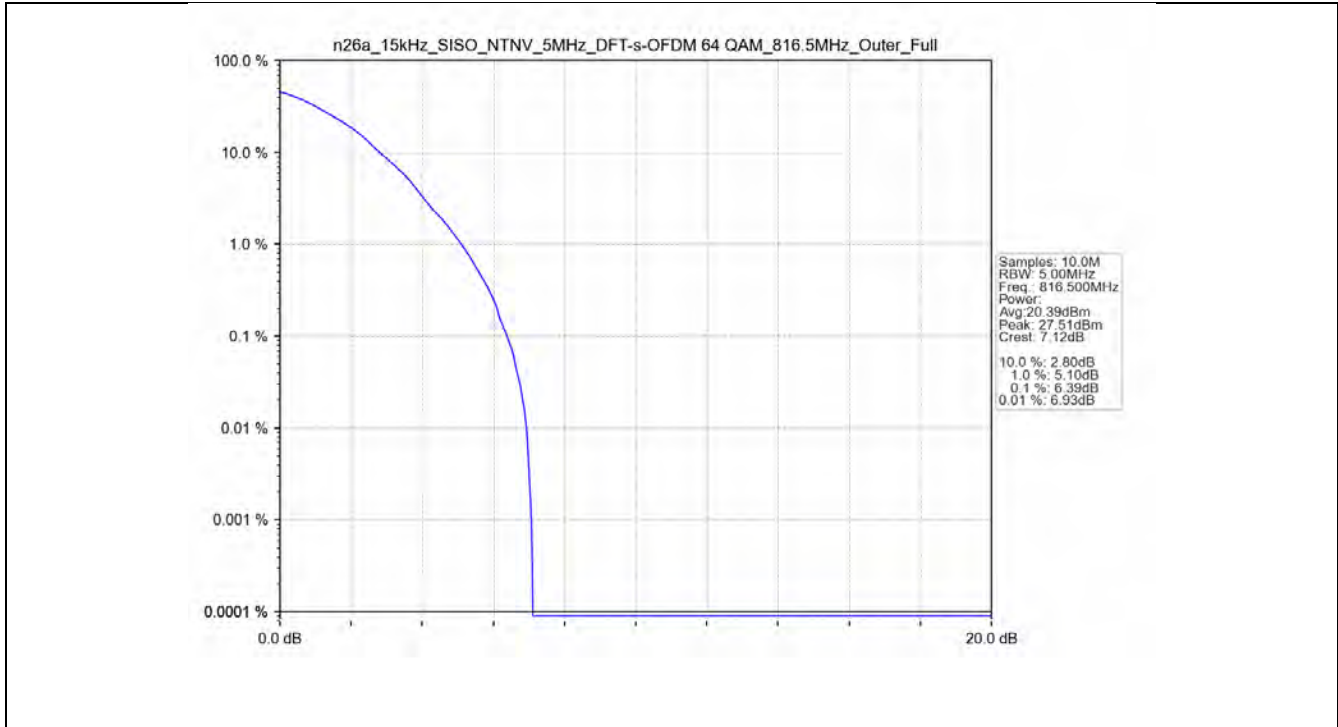
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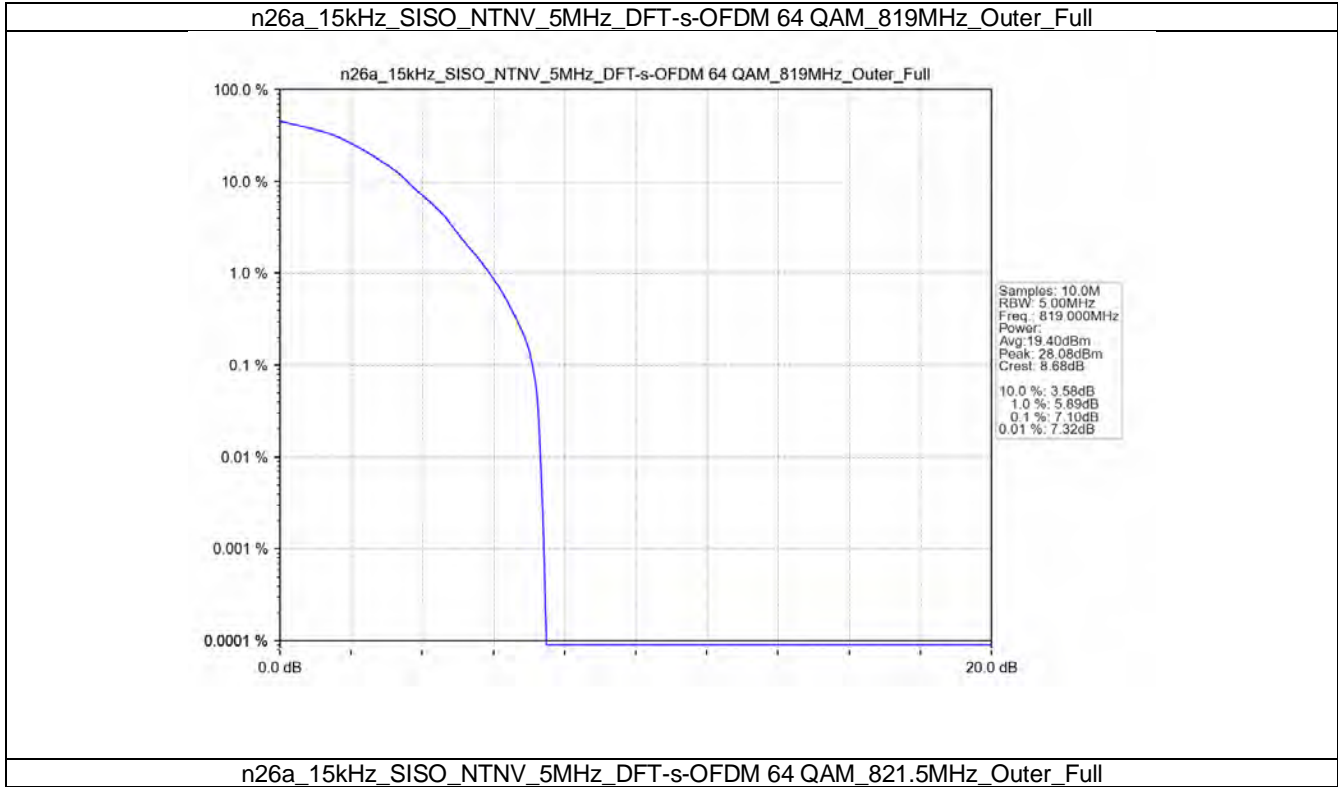
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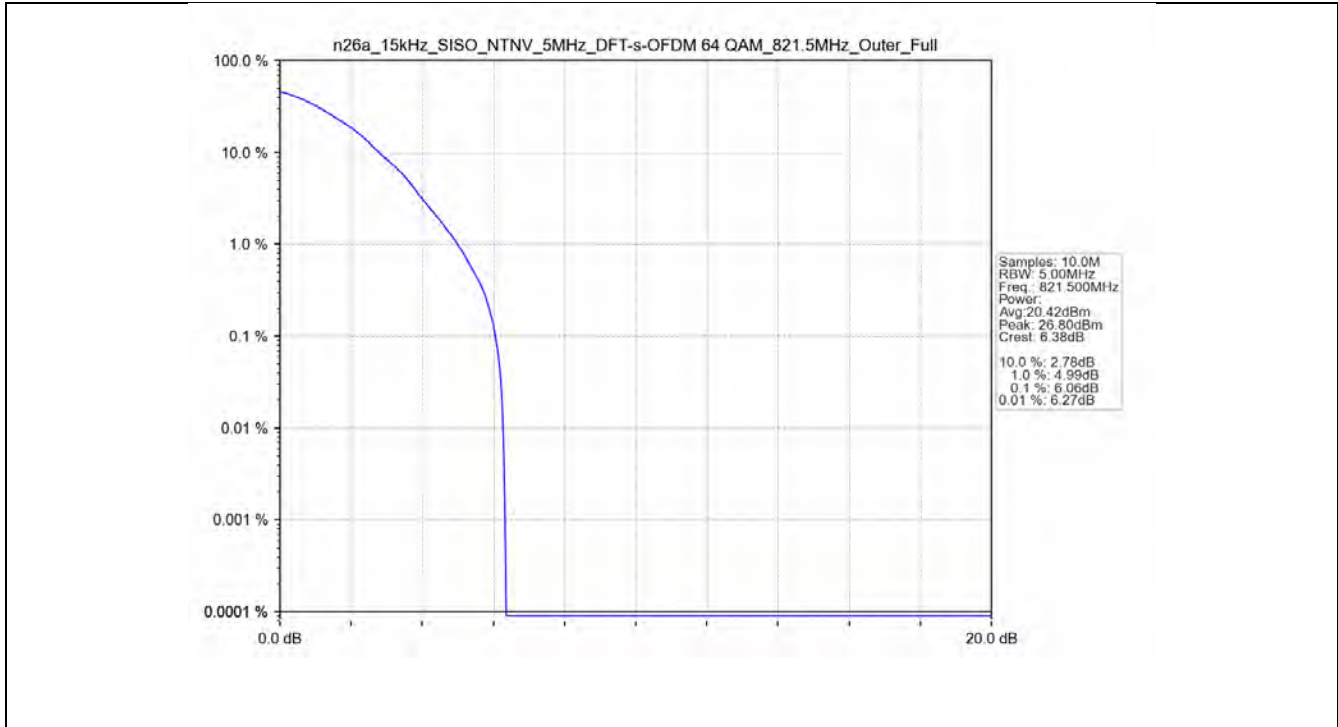
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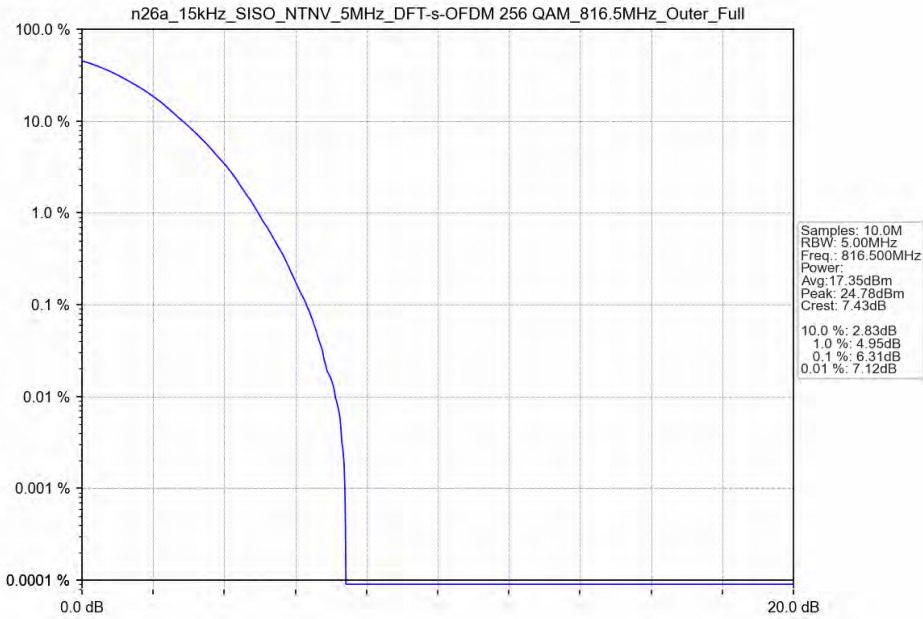
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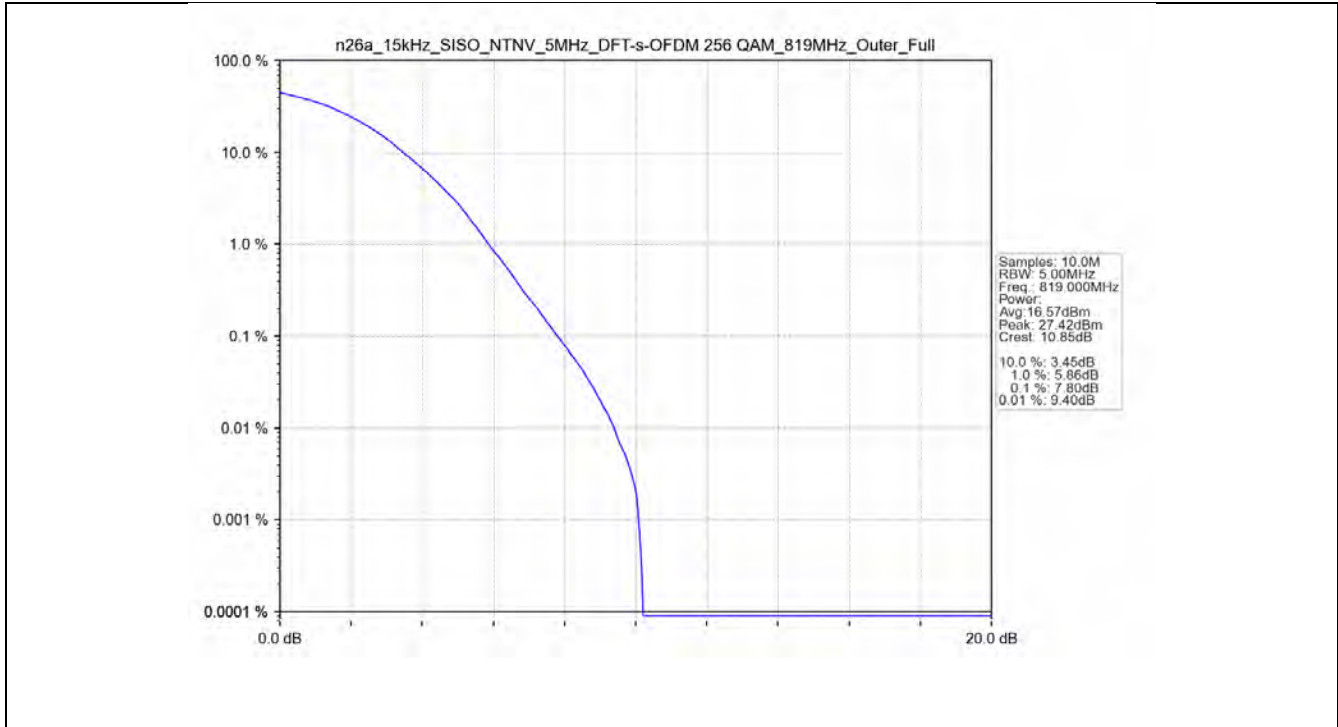
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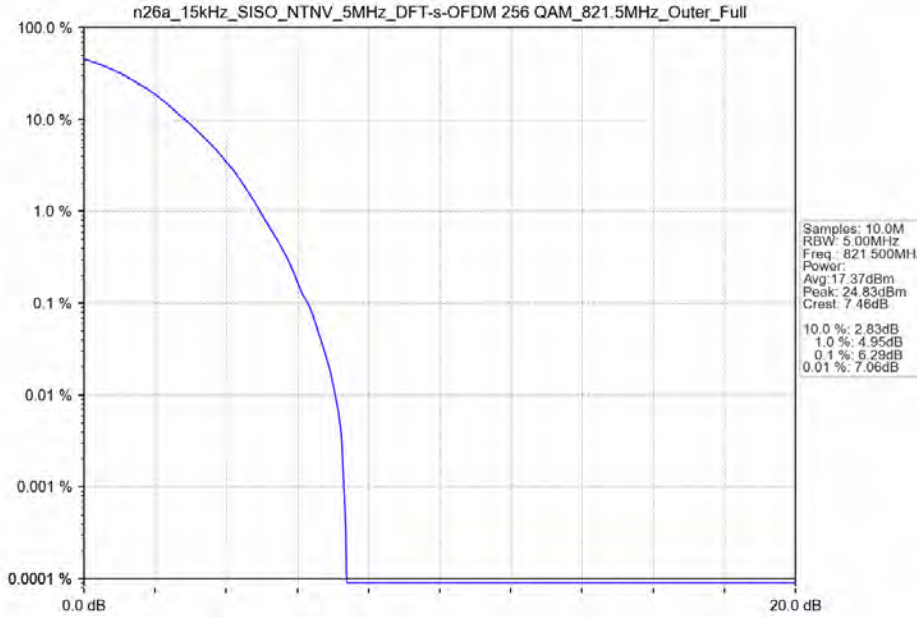
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_821.5MHz_Outer_Full



n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_816.5MHz_Outer_Full



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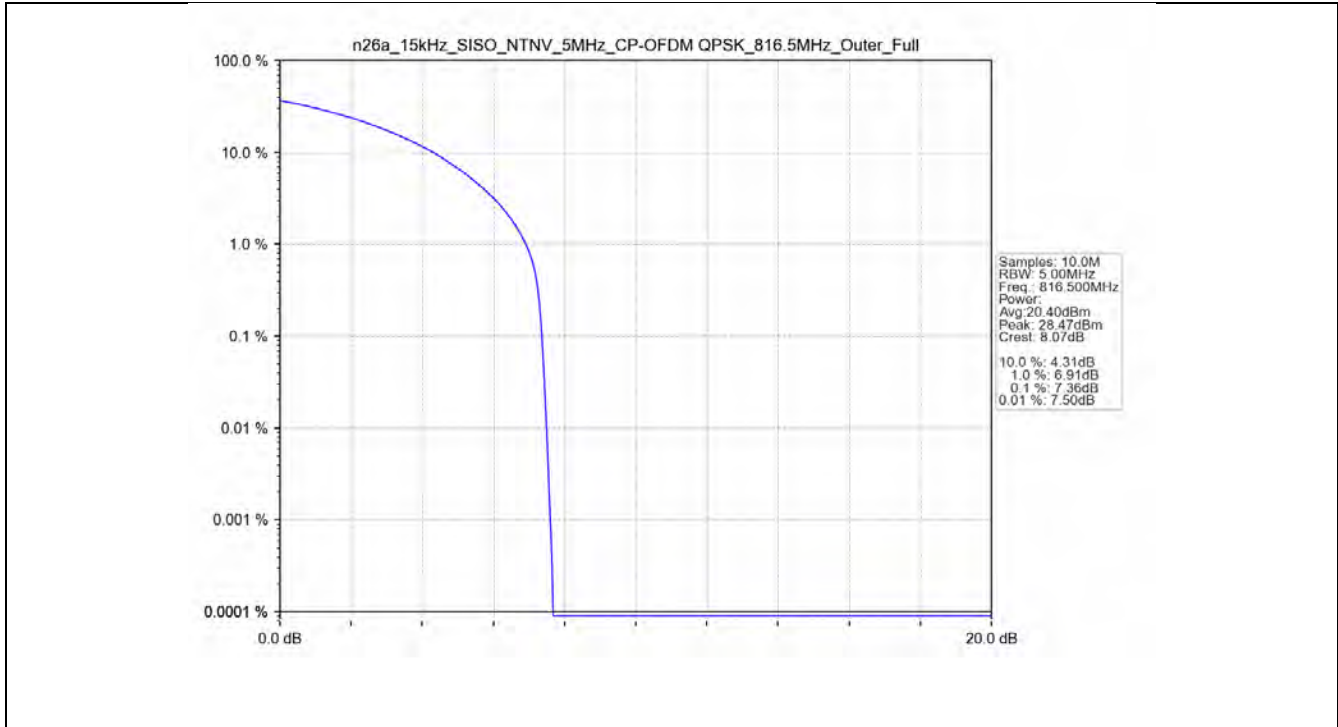
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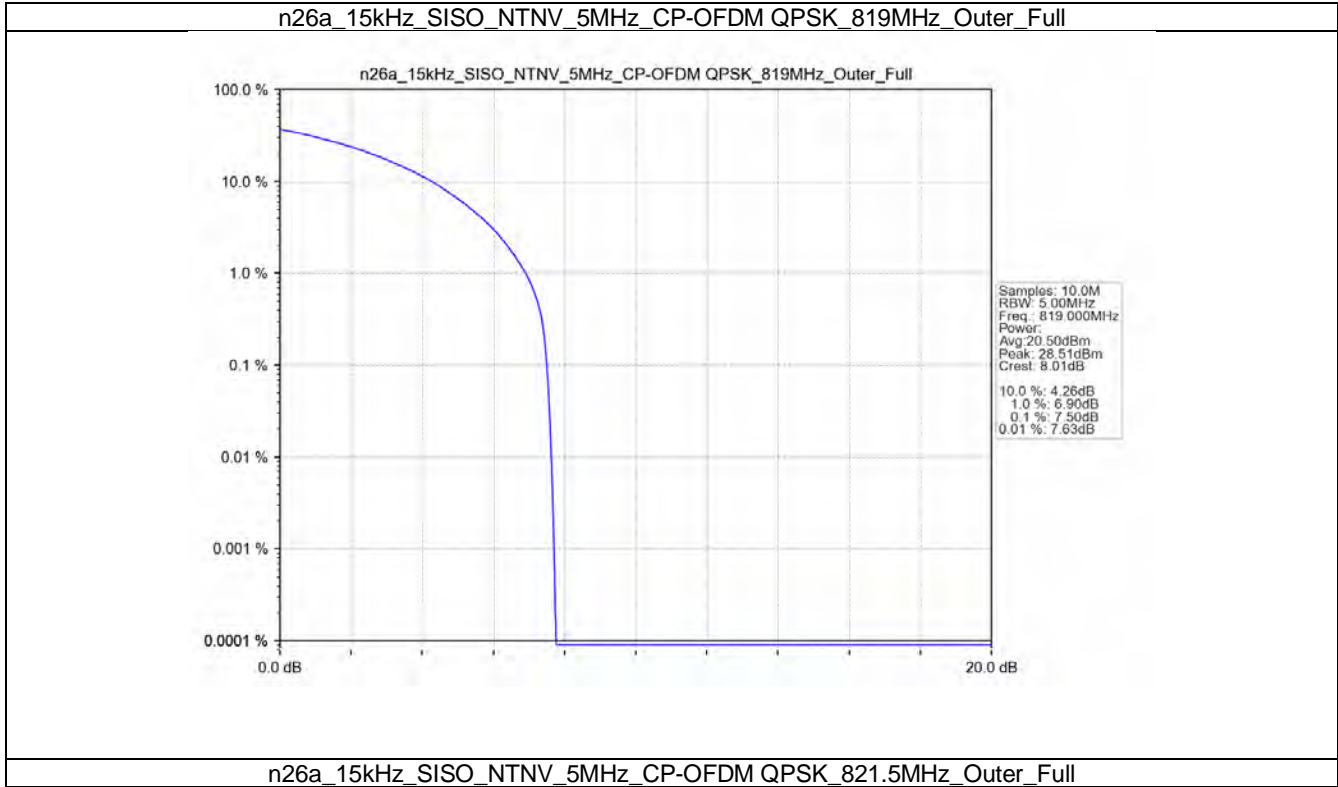
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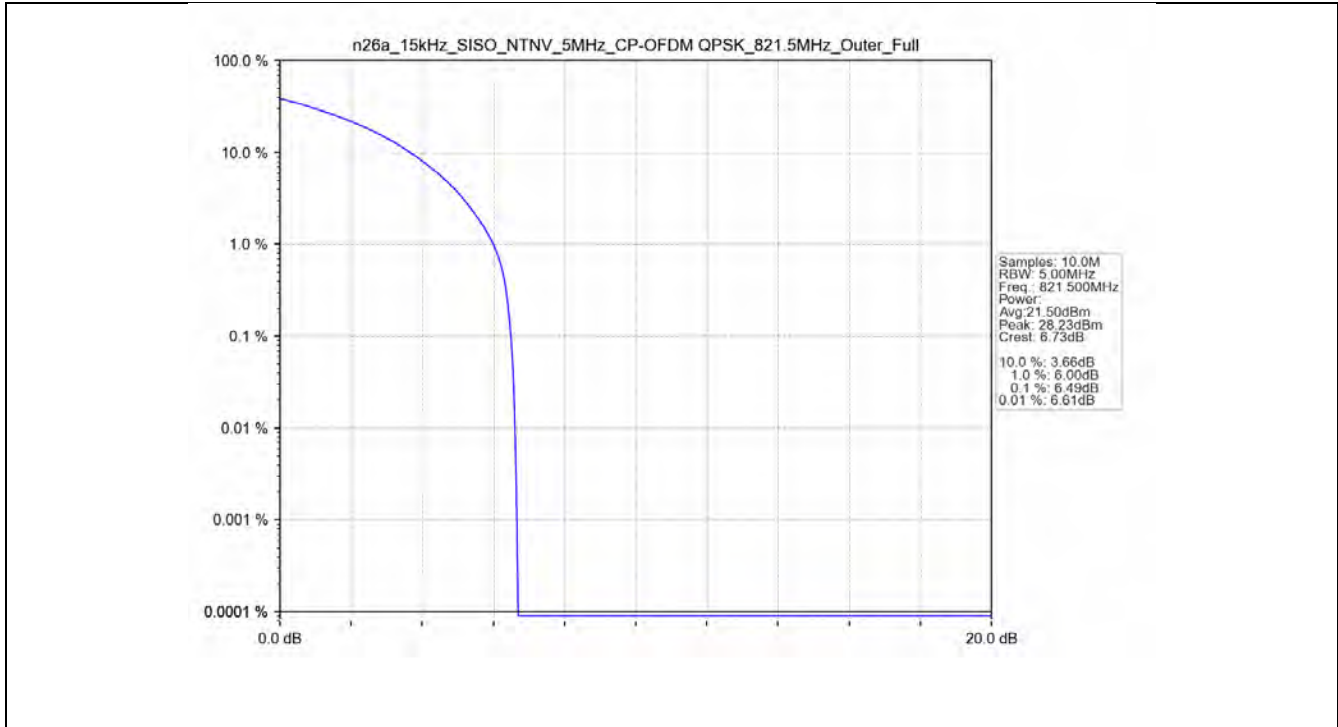
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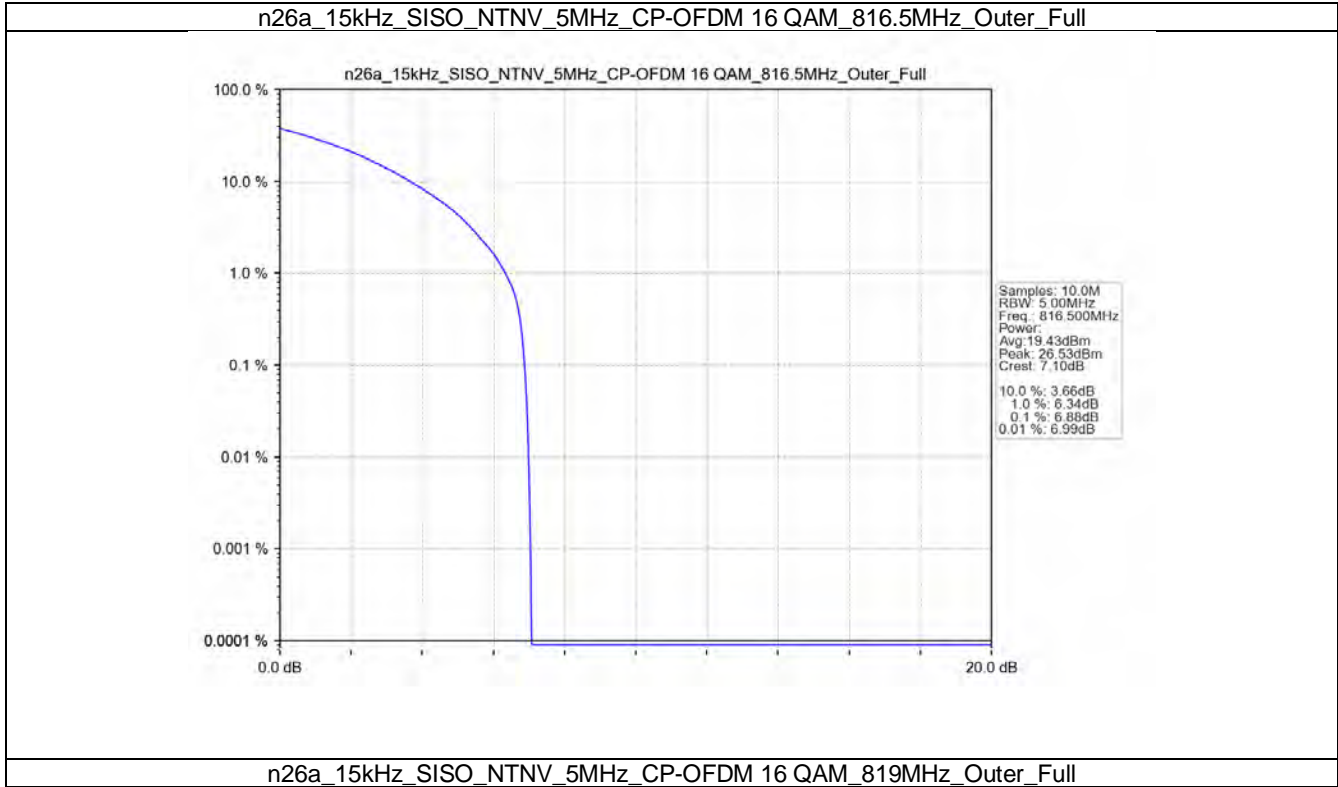
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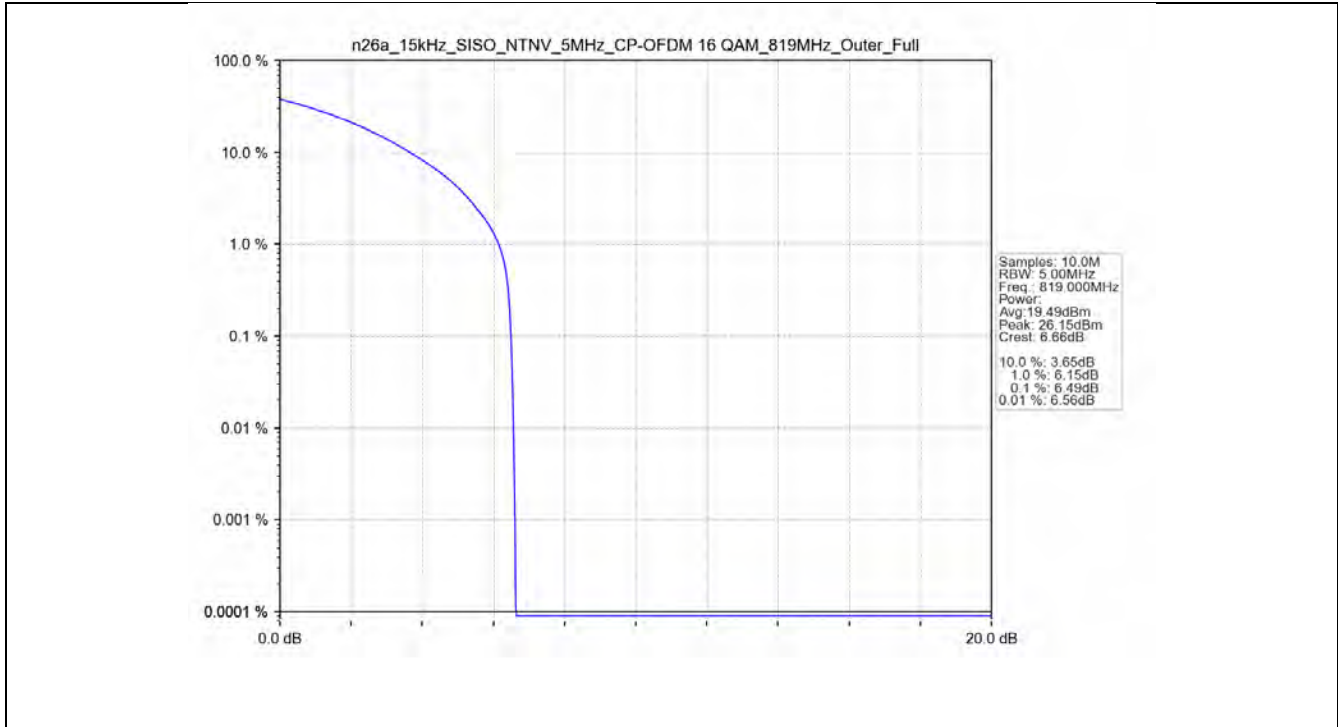
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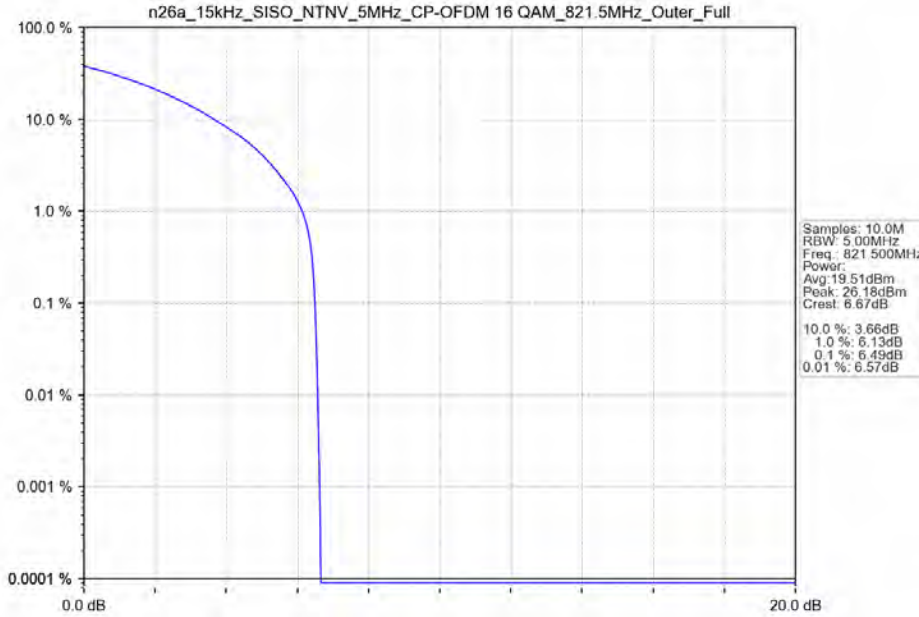
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n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_ 821.5MHz_ Outer_Full



n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_ 816.5MHz_ Outer_Full



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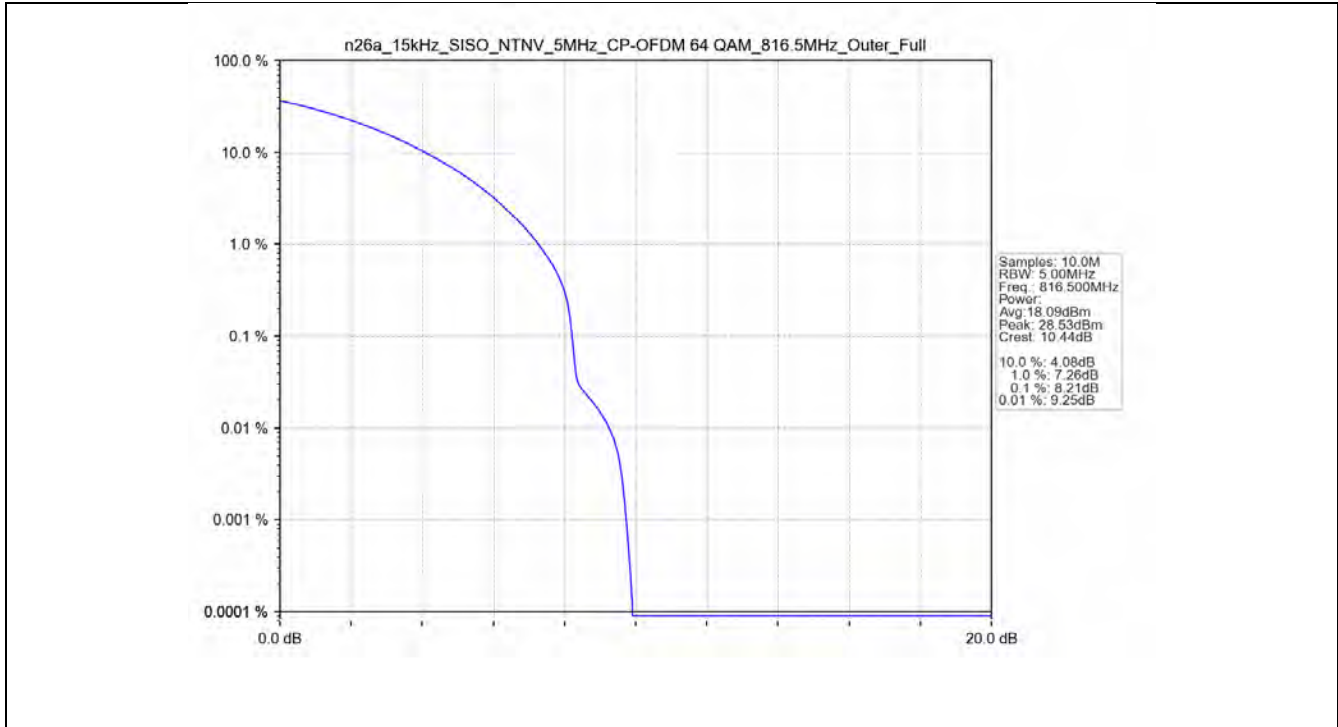
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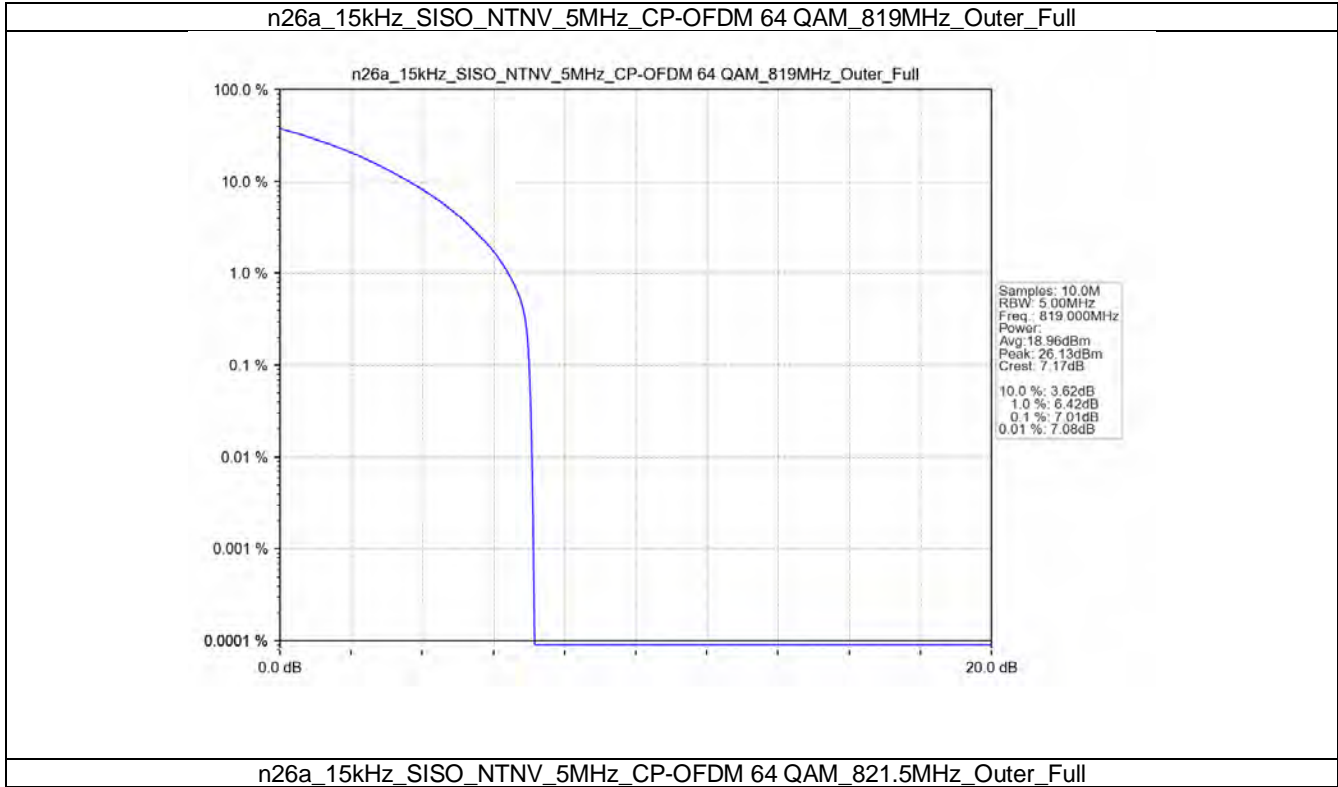
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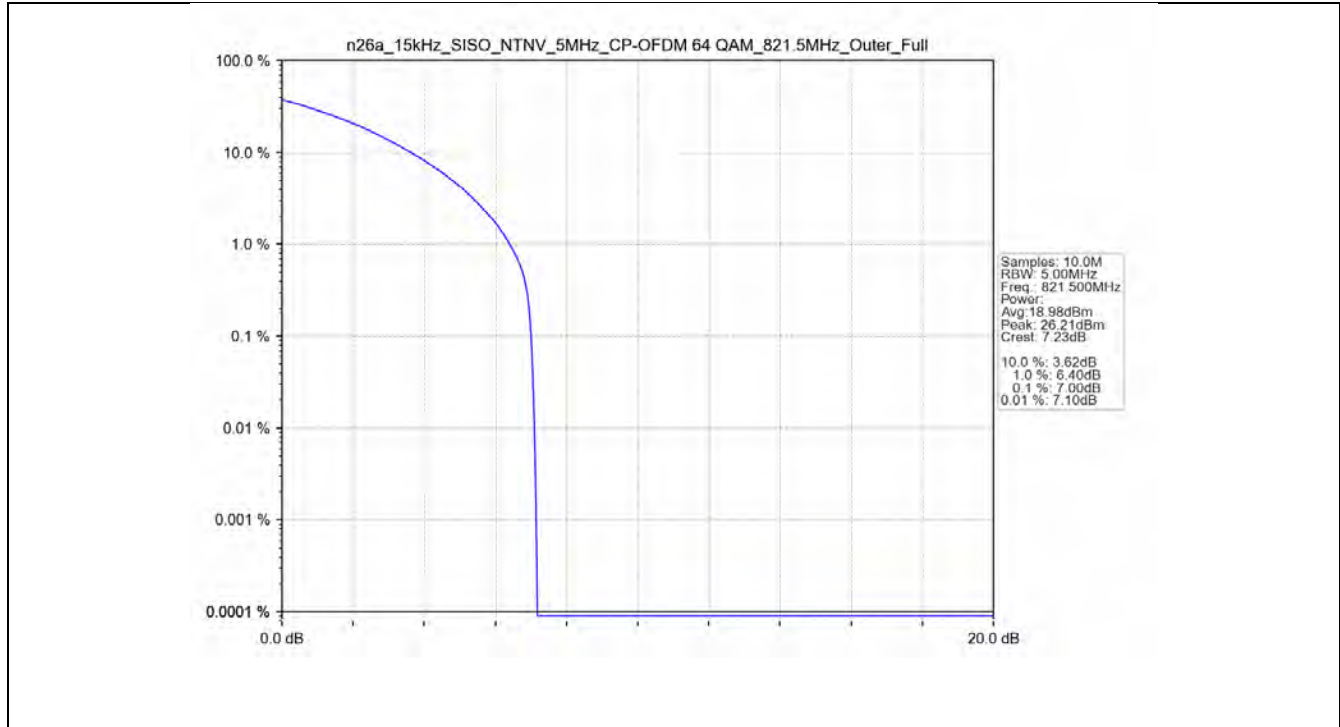
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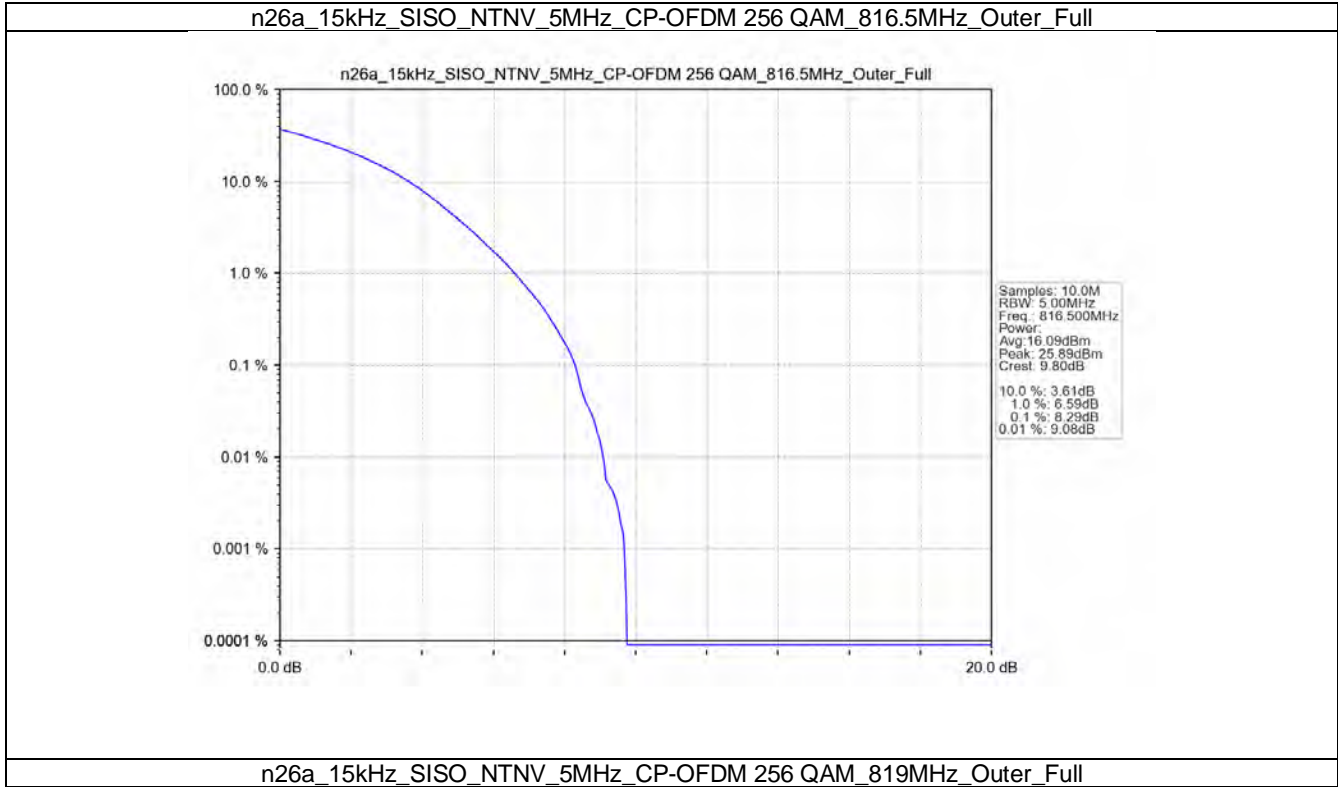
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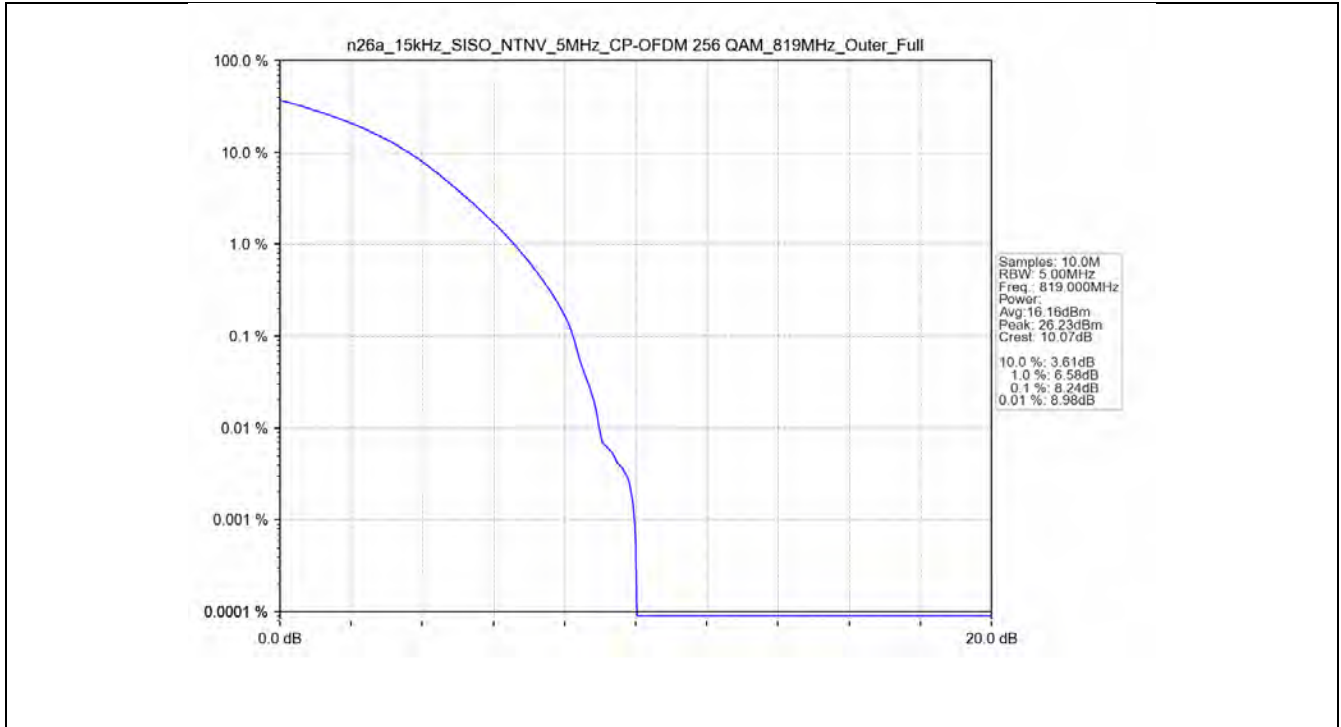
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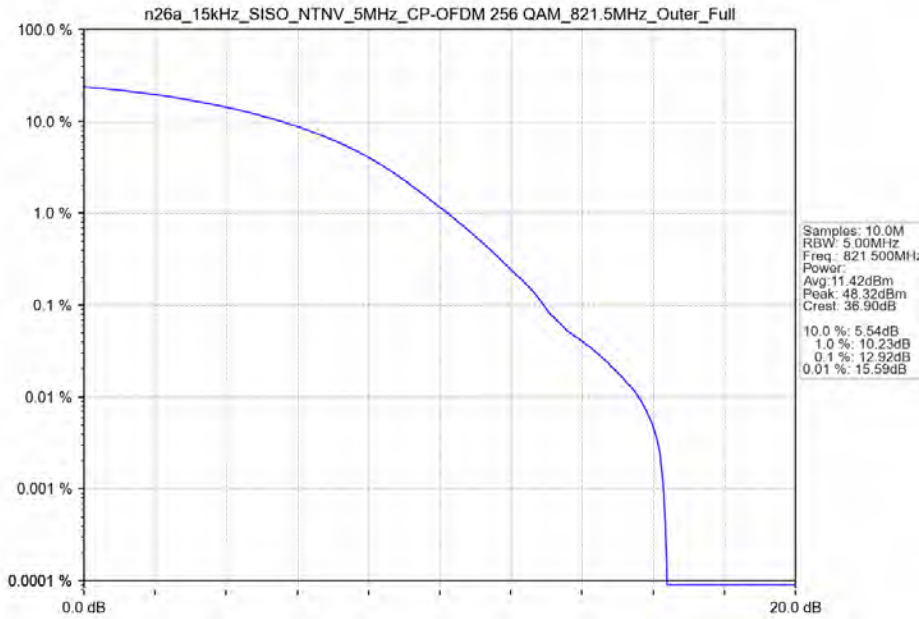
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n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM 821.5MHz_Outer_Full



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4.2 15k_SISO_10MHz_NTNV

4.2.1 Test Result

5G NR n26a SCS=15kHz SISO 10MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	819	Outer_Full	3.75	/	/	<=13	Pass
	819	Outer_Full	4.06	/	/	<=13	Pass
	819	Outer_Full	3.76	/	/	<=13	Pass
DFT-s-OFDM QPSK	819	Outer_Full	4.47	/	/	<=13	Pass
	819	Outer_Full	4.45	/	/	<=13	Pass
	819	Outer_Full	5.37	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	819	Outer_Full	6.39	/	/	<=13	Pass
	819	Outer_Full	6.42	/	/	<=13	Pass
	819	Outer_Full	5.55	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	819	Outer_Full	5.93	/	/	<=13	Pass
	819	Outer_Full	6.85	/	/	<=13	Pass
	819	Outer_Full	5.94	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	819	Outer_Full	7.69	/	/	<=13	Pass
	819	Outer_Full	6.42	/	/	<=13	Pass
	819	Outer_Full	6.42	/	/	<=13	Pass
CP-OFDM QPSK	819	Outer_Full	6.59	/	/	<=13	Pass
	819	Outer_Full	6.61	/	/	<=13	Pass
	819	Outer_Full	6.63	/	/	<=13	Pass
CP-OFDM 16 QAM	819	Outer_Full	7.02	/	/	<=13	Pass
	819	Outer_Full	7.66	/	/	<=13	Pass
	819	Outer_Full	12.01	/	/	<=13	Pass
CP-OFDM 64 QAM	819	Outer_Full	8.26	/	/	<=13	Pass
	819	Outer_Full	12.70	/	/	<=13	Pass
	819	Outer_Full	7.45	/	/	<=13	Pass
CP-OFDM 256 QAM	819	Outer_Full	9.44	/	/	<=13	Pass
	819	Outer_Full	9.09	/	/	<=13	Pass
	819	Outer_Full	8.44	/	/	<=13	Pass



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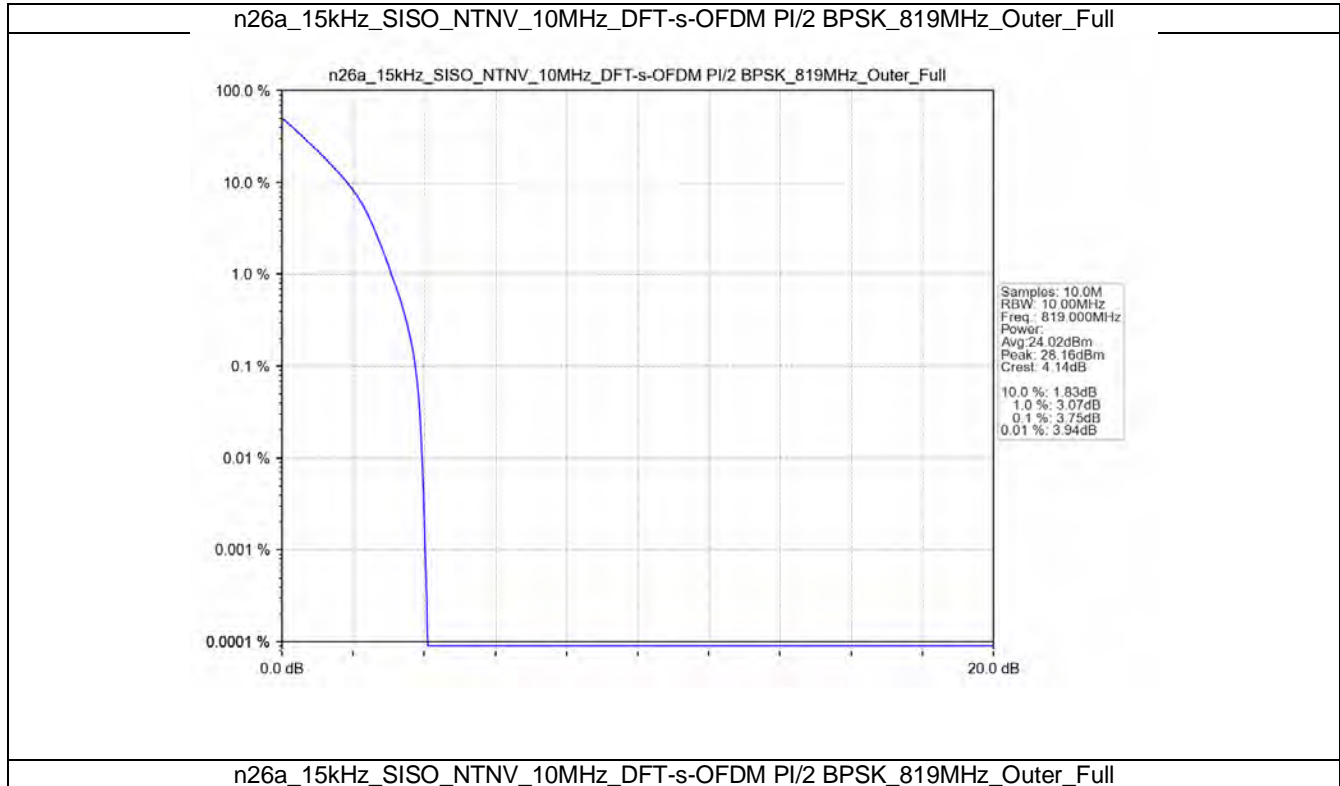
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4.2.2 Test Graph



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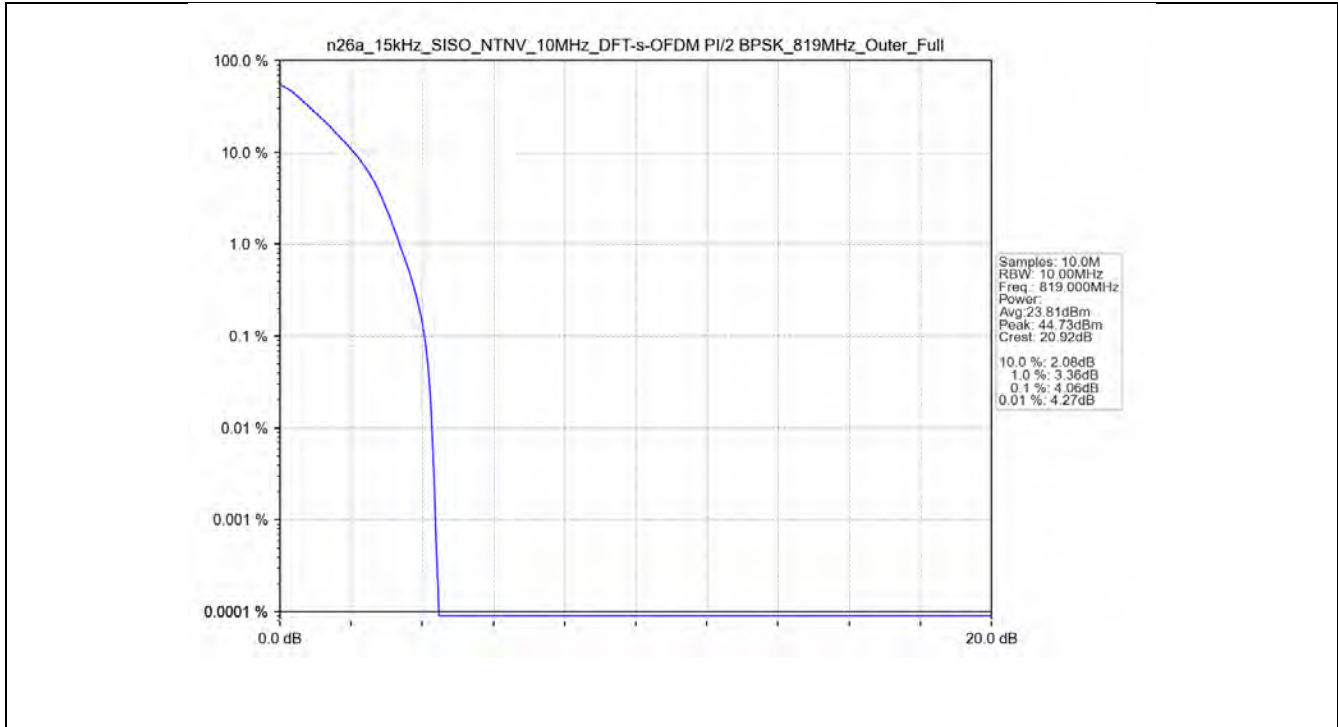
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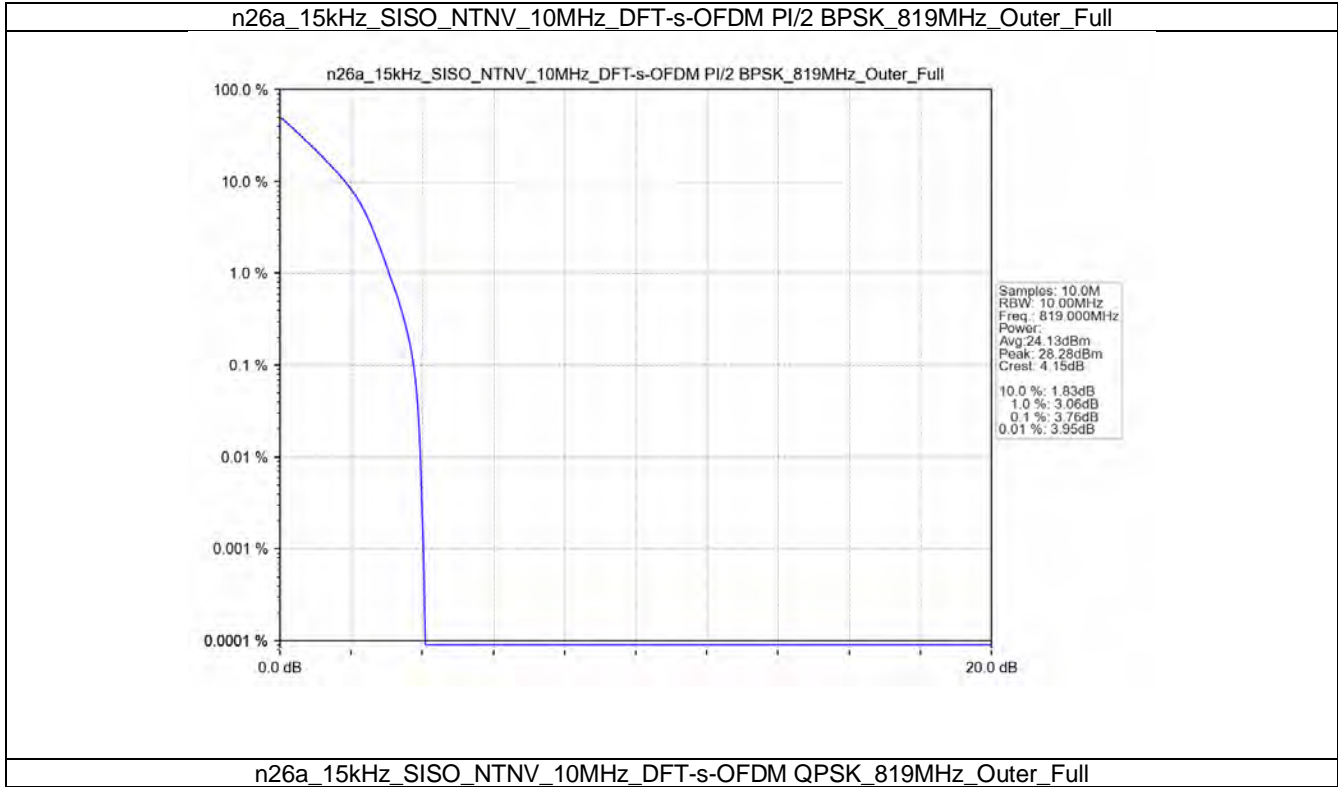
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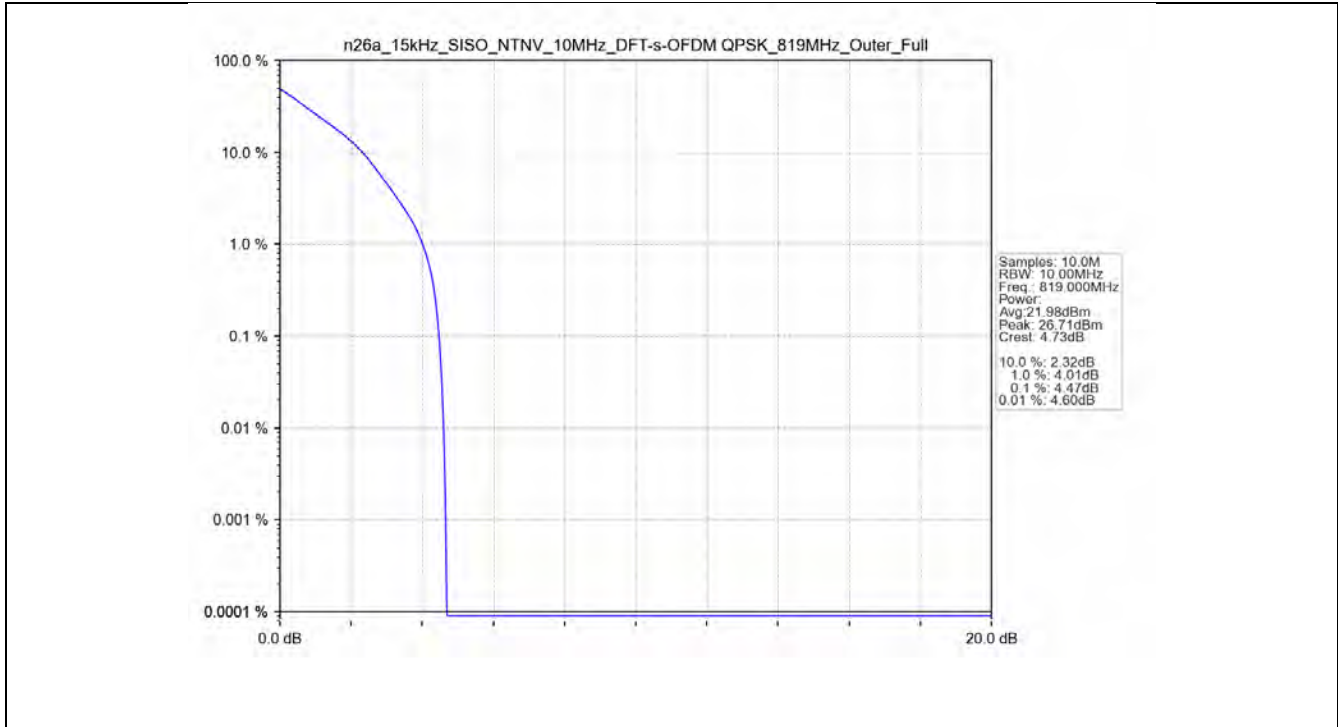
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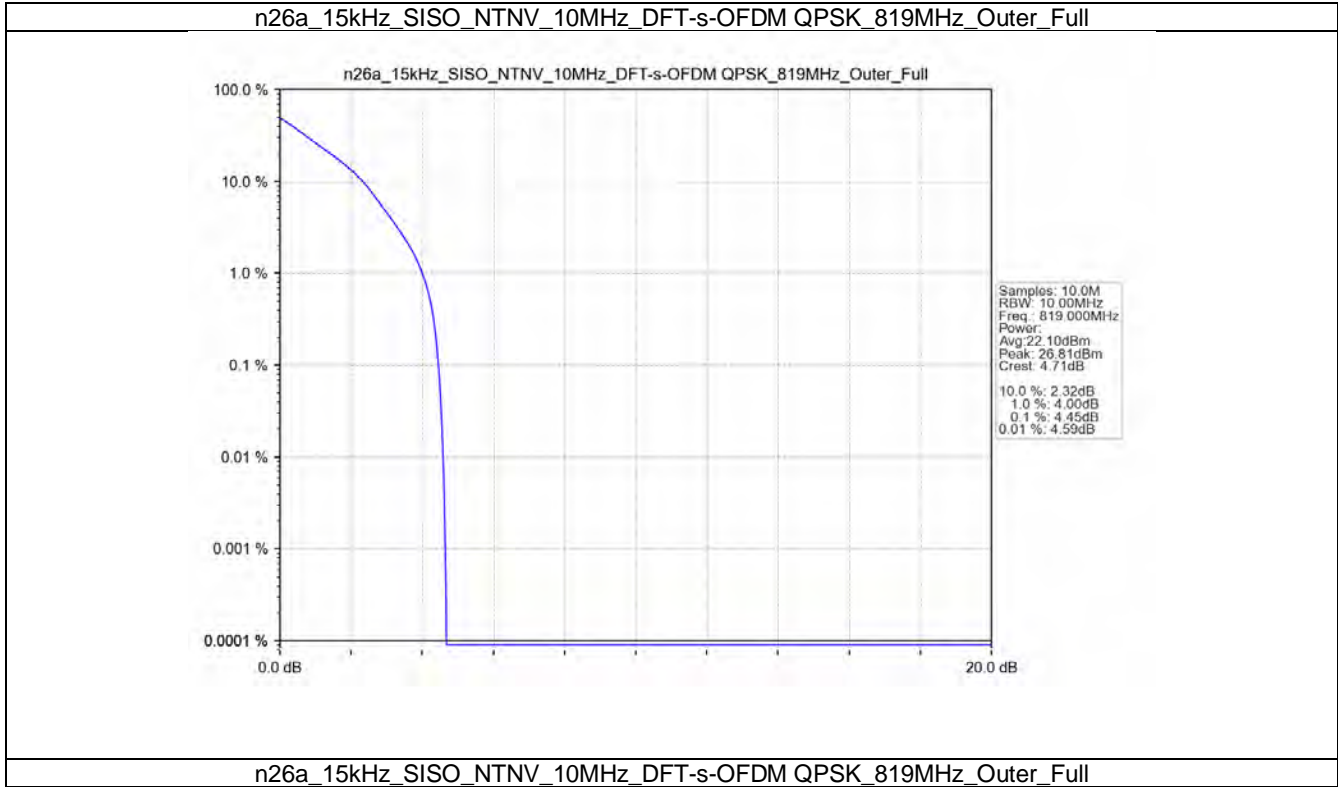
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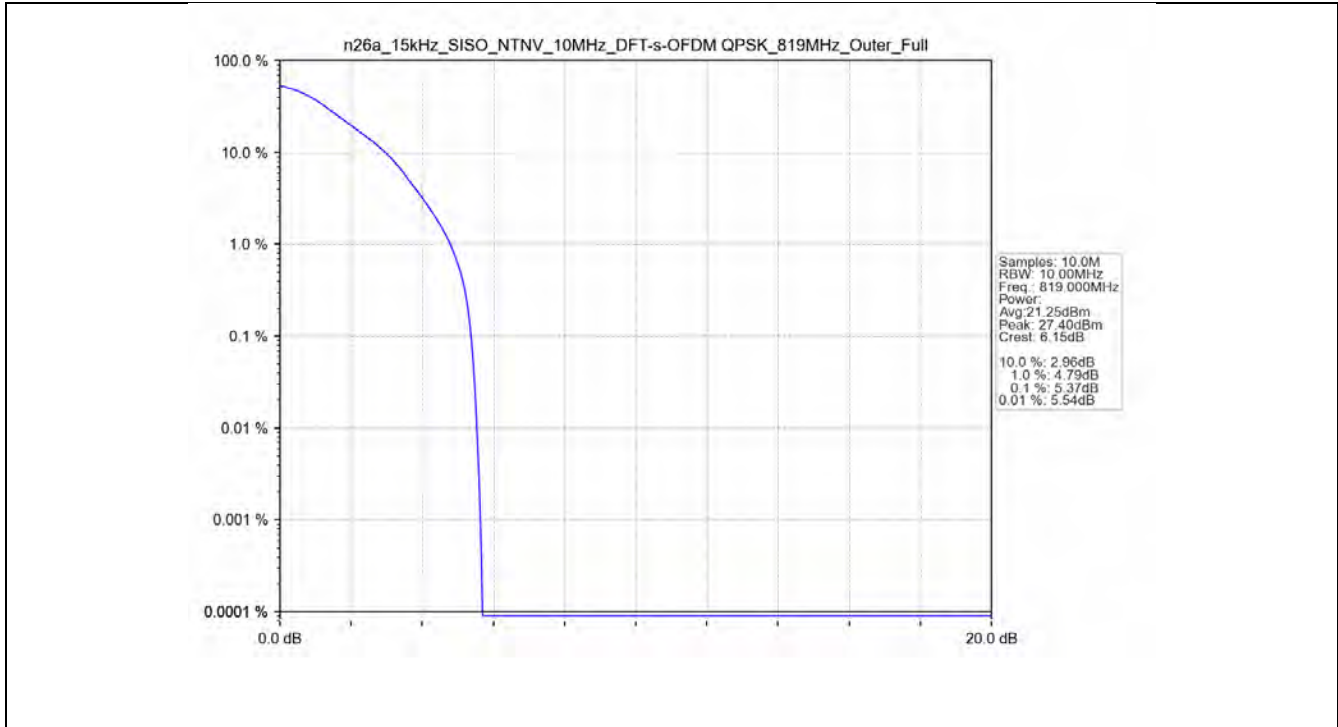
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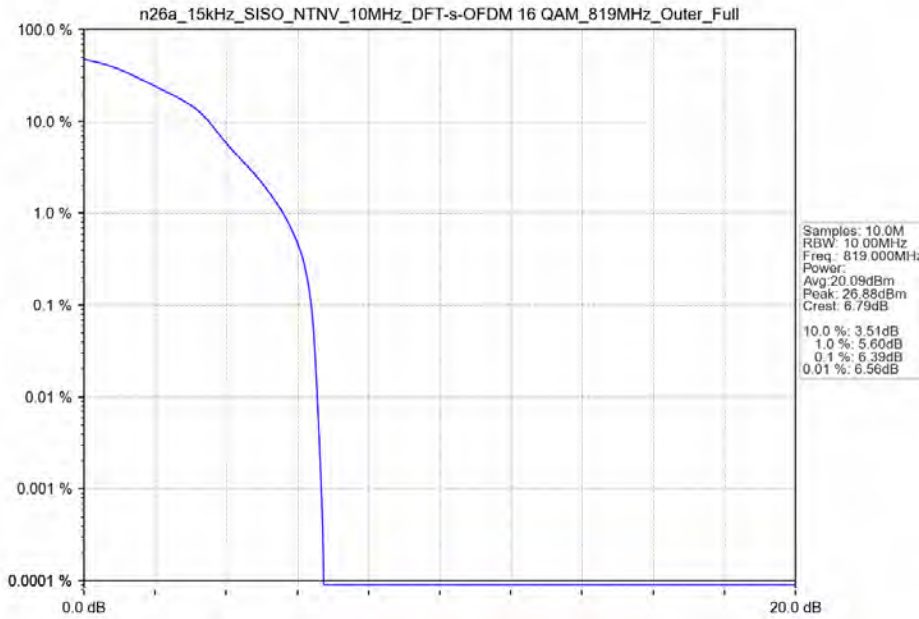
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_819MHz_Outer_Full



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_819MHz_Outer_Full



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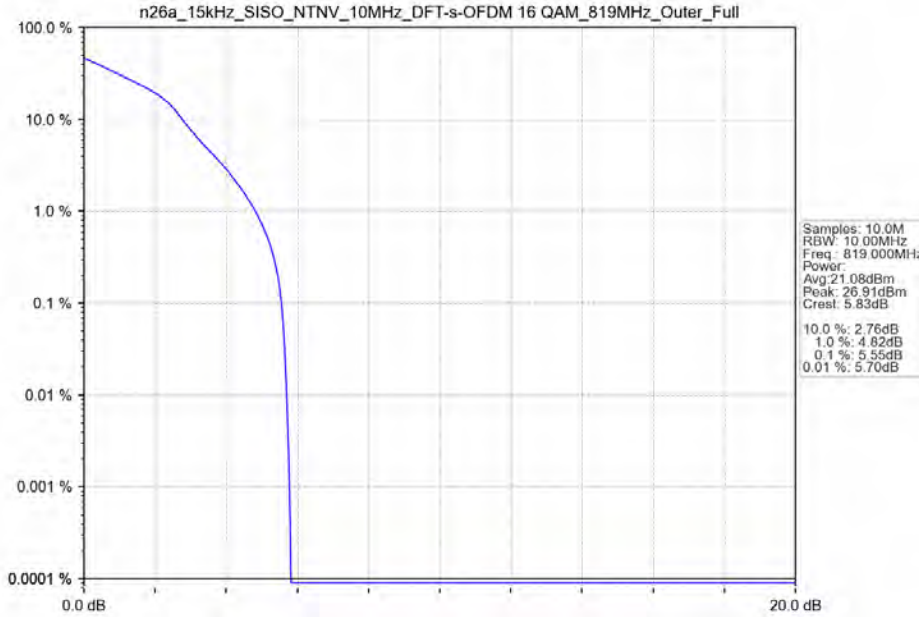
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_819MHz_Outer_Full



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_819MHz_Outer_Full



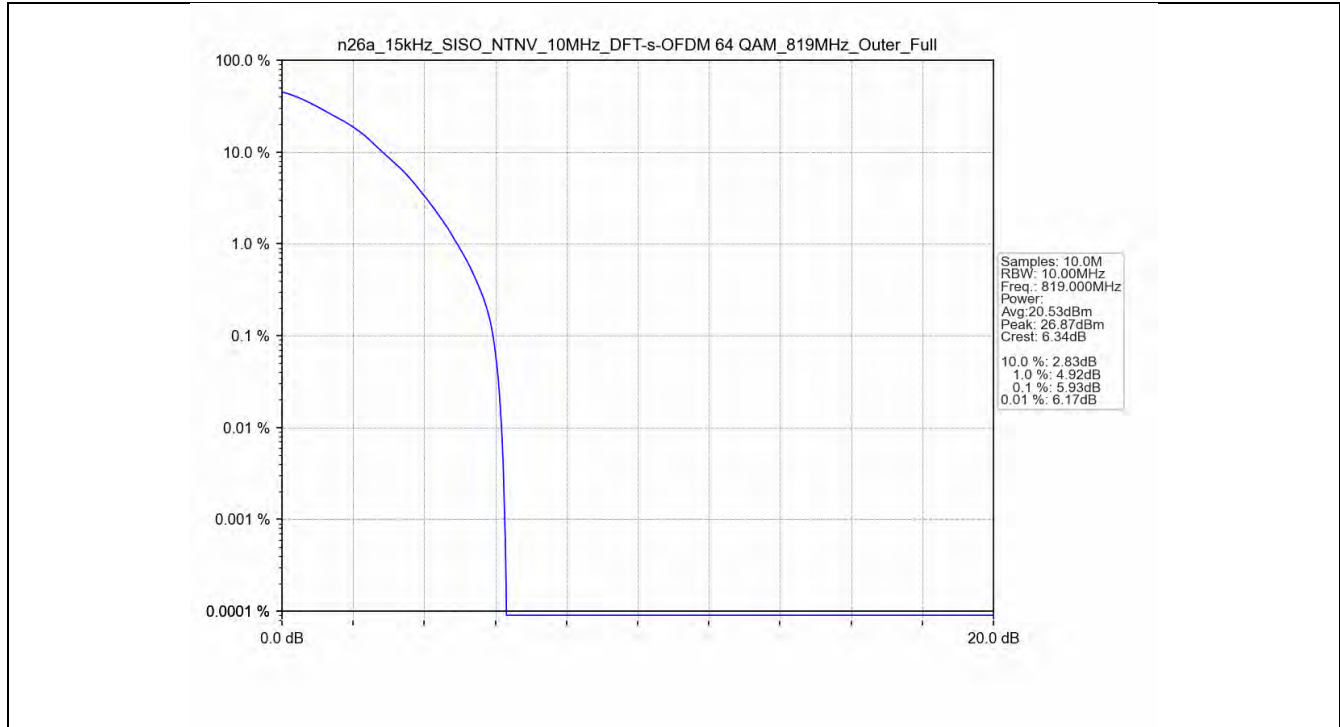
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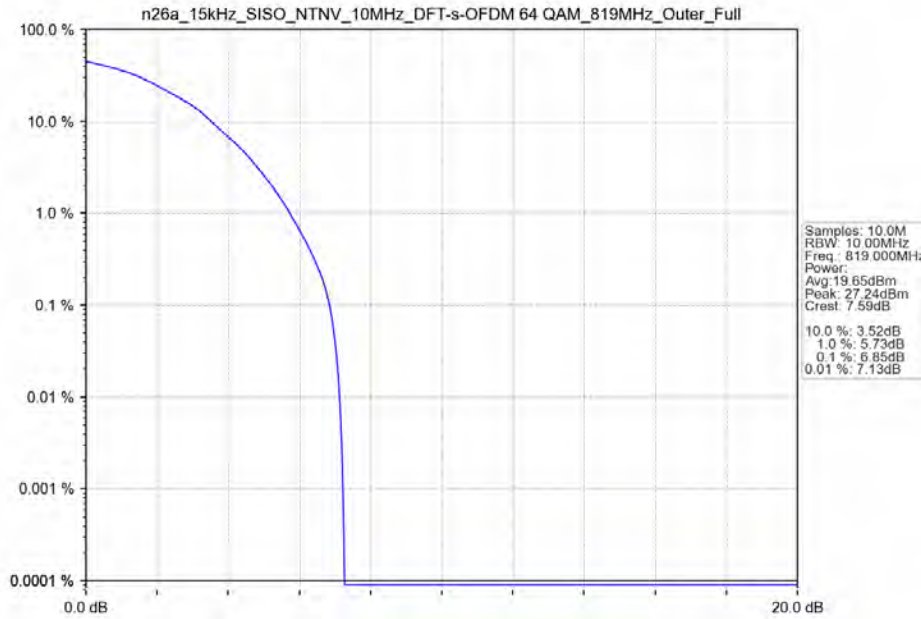
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_819MHz_Outer_Full



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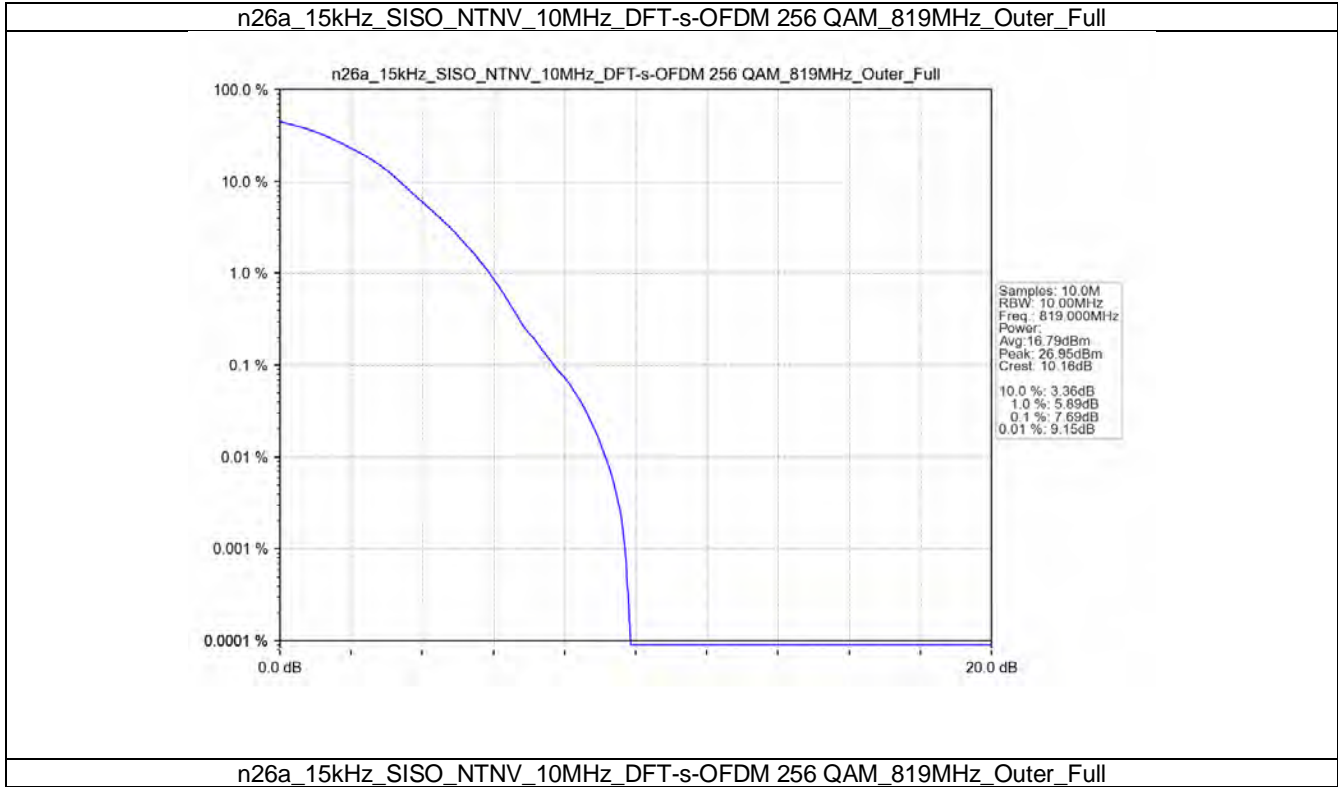
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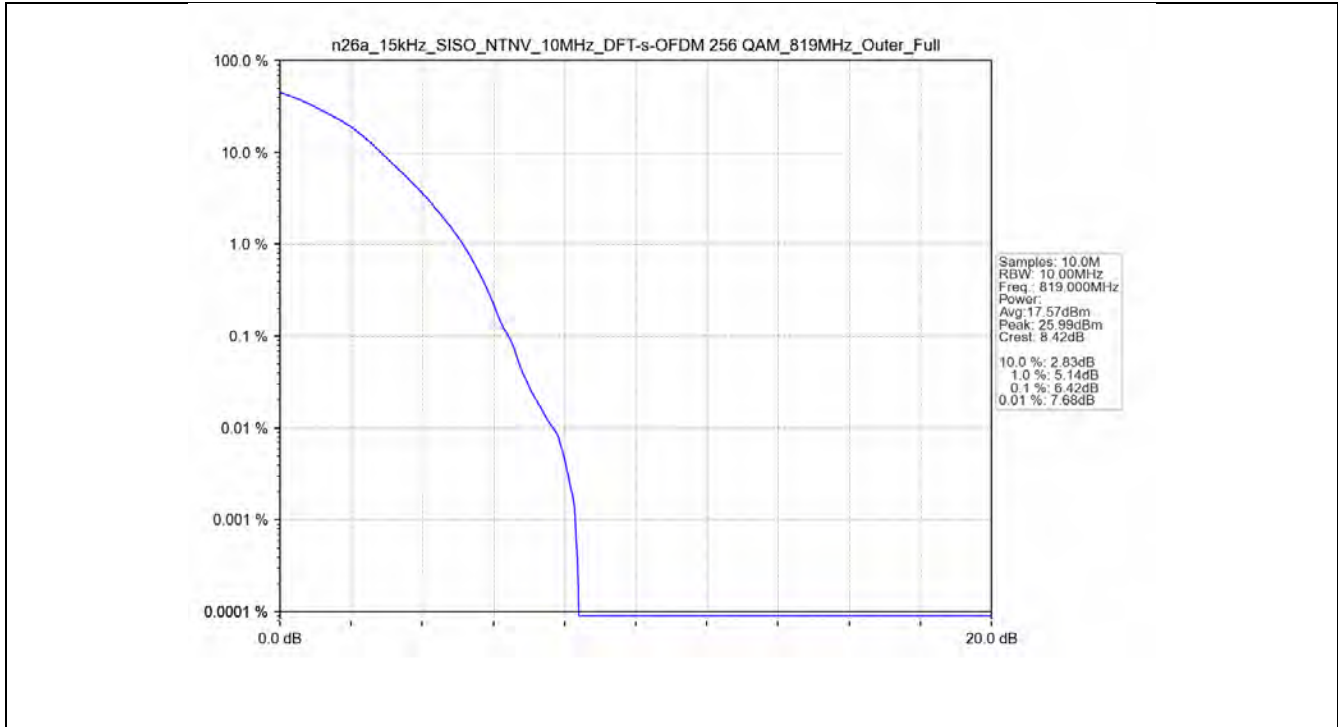
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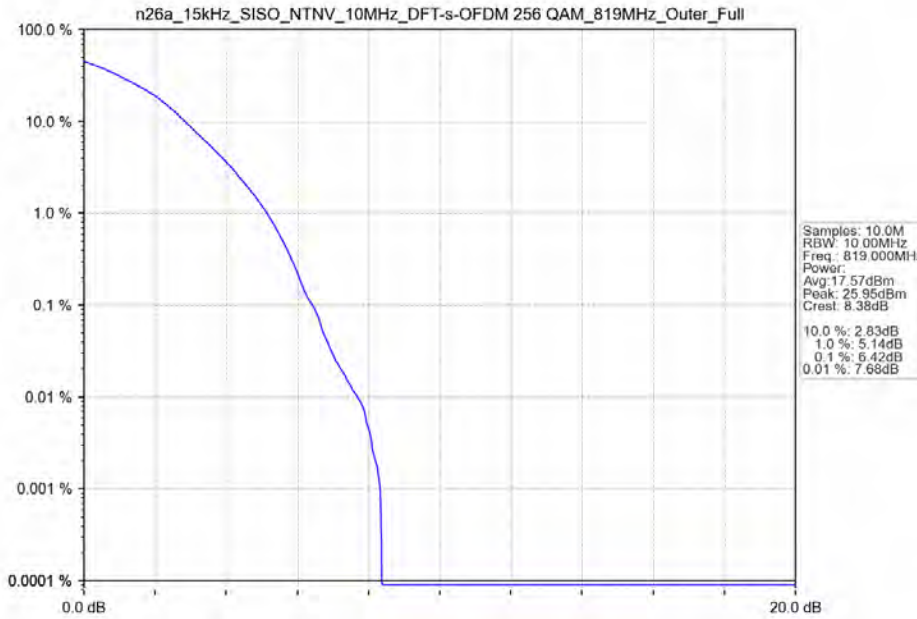
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_819MHz_Outer_Full



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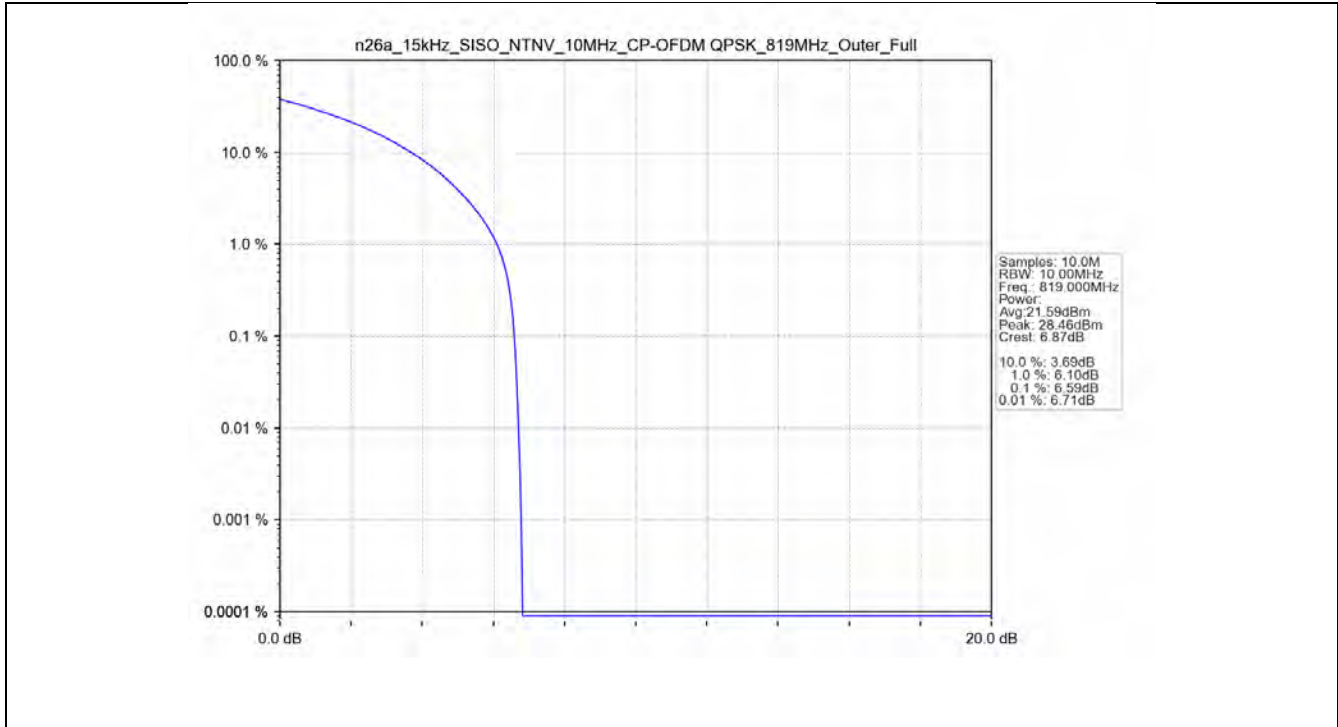
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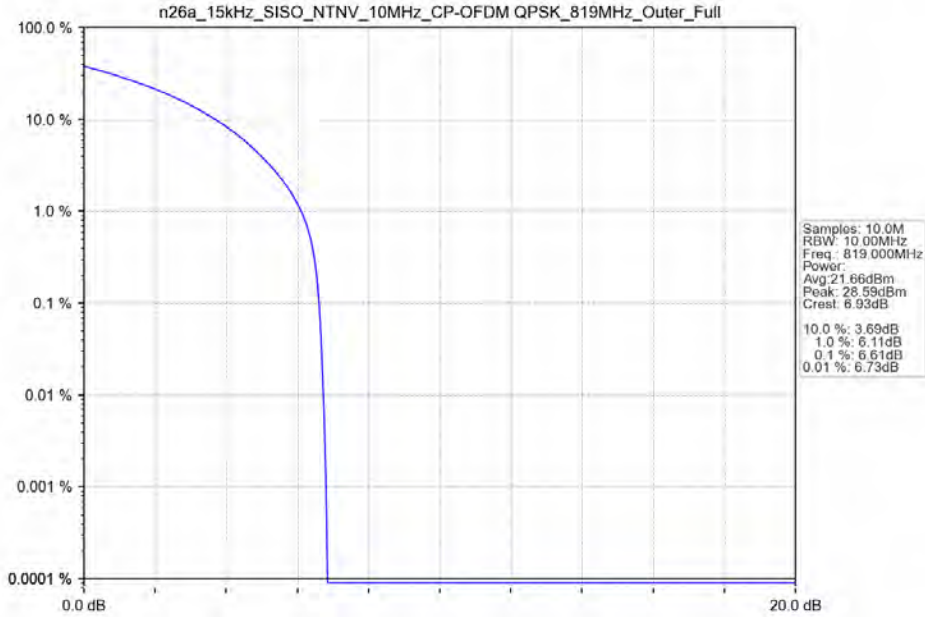
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n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Outer_Full



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Outer_Full



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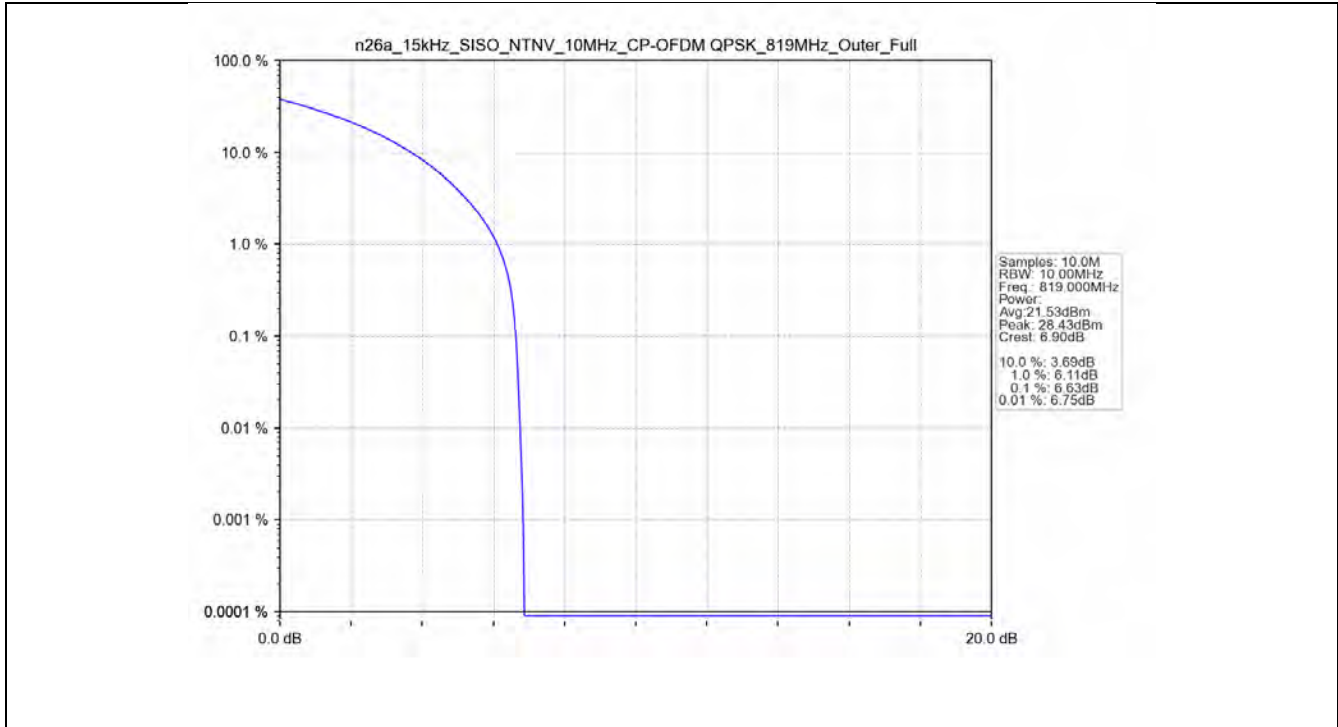
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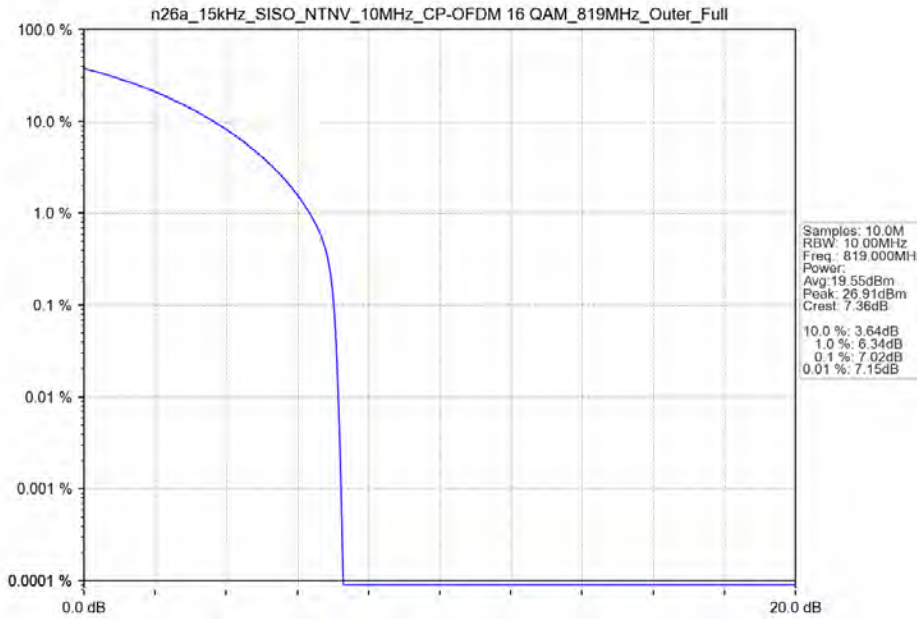
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n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_16 QAM_819MHz_Outer_Full



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_16 QAM_819MHz_Outer_Full



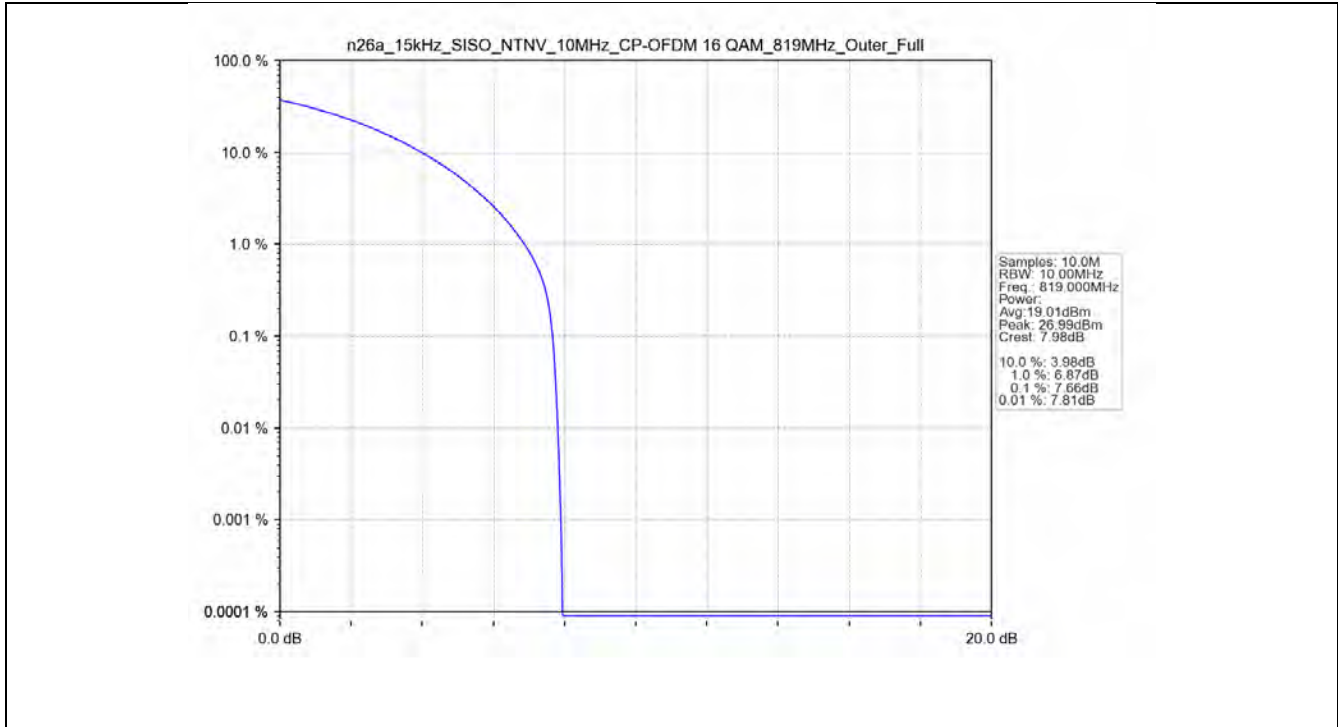
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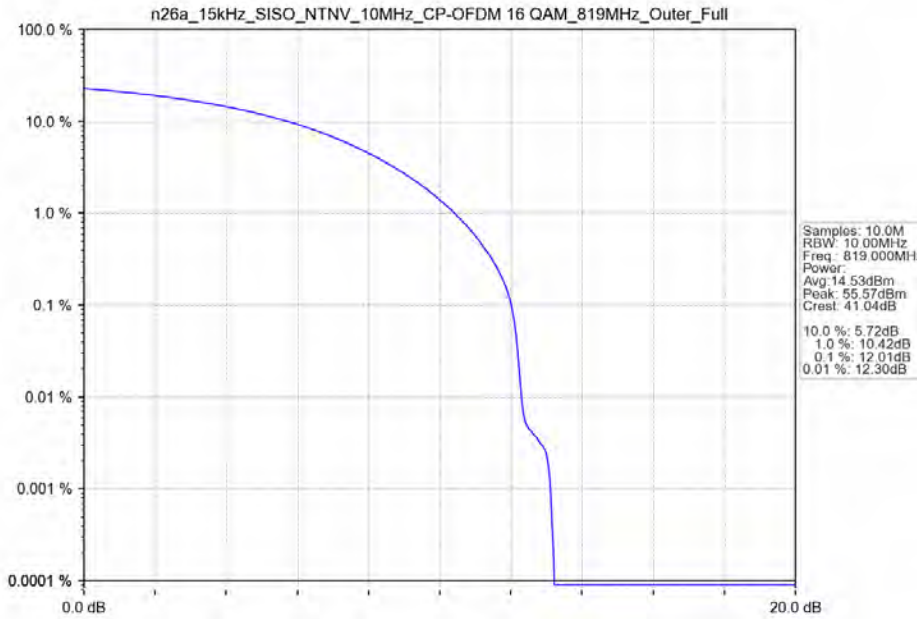
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n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_819MHz_Outer_Full



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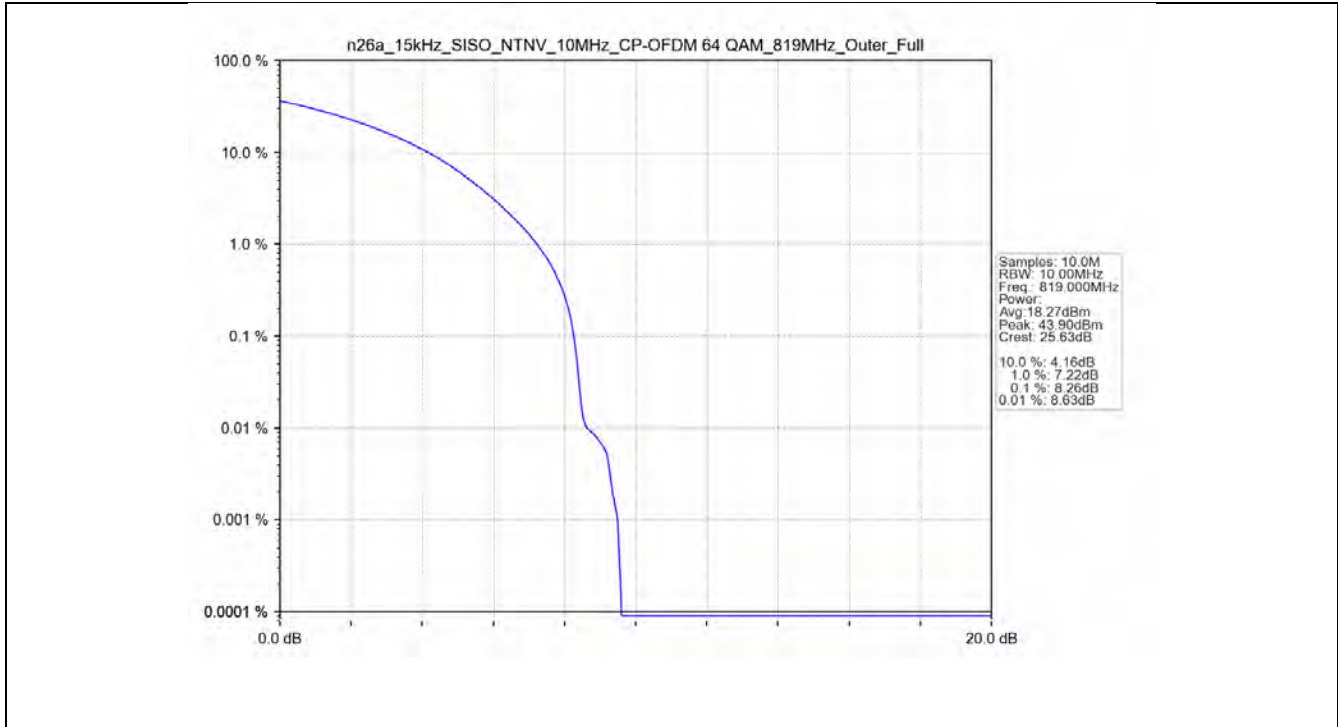
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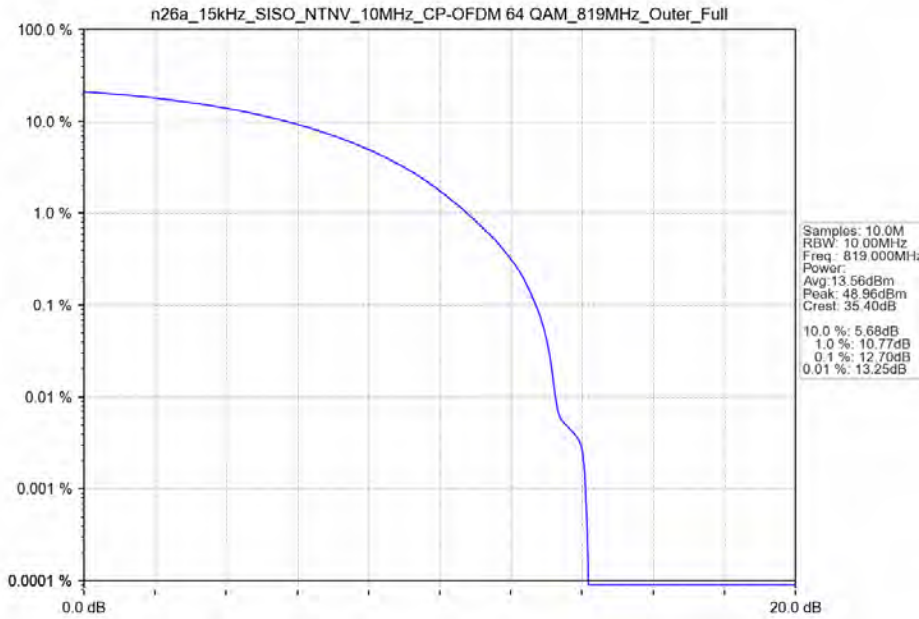
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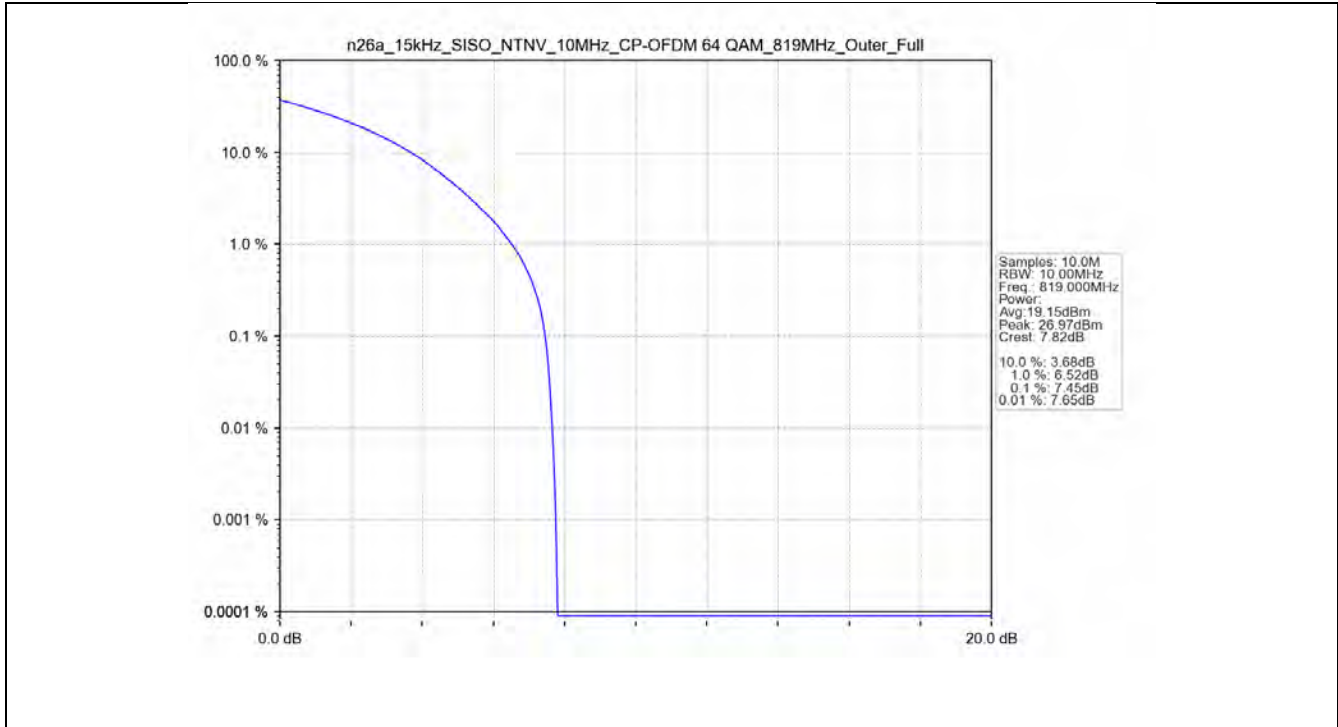
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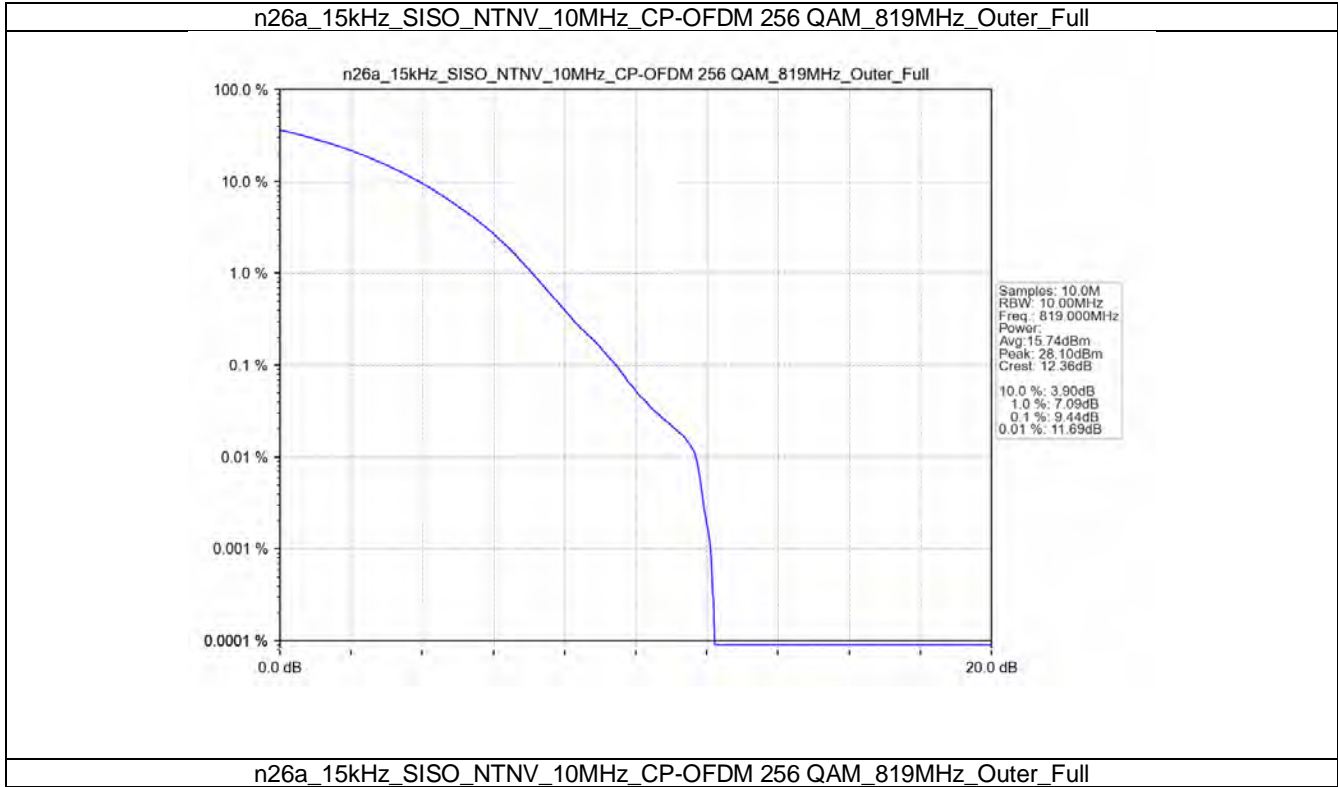
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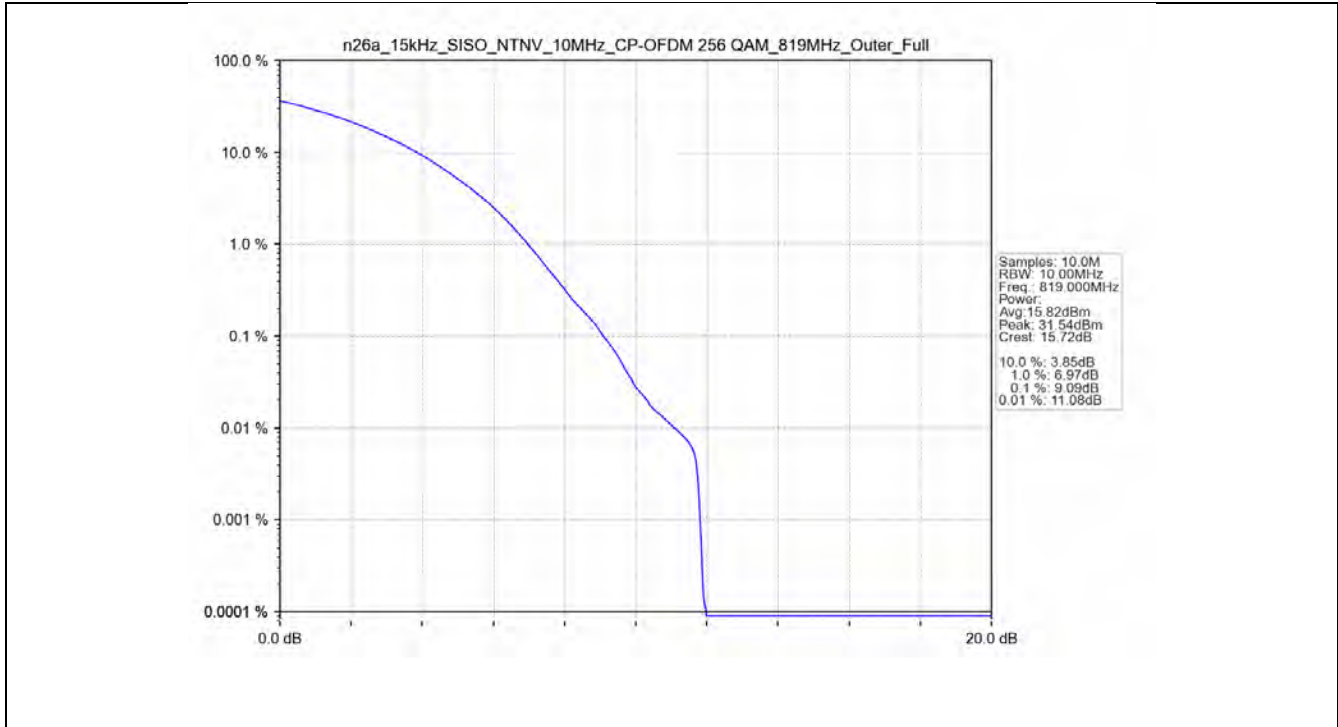
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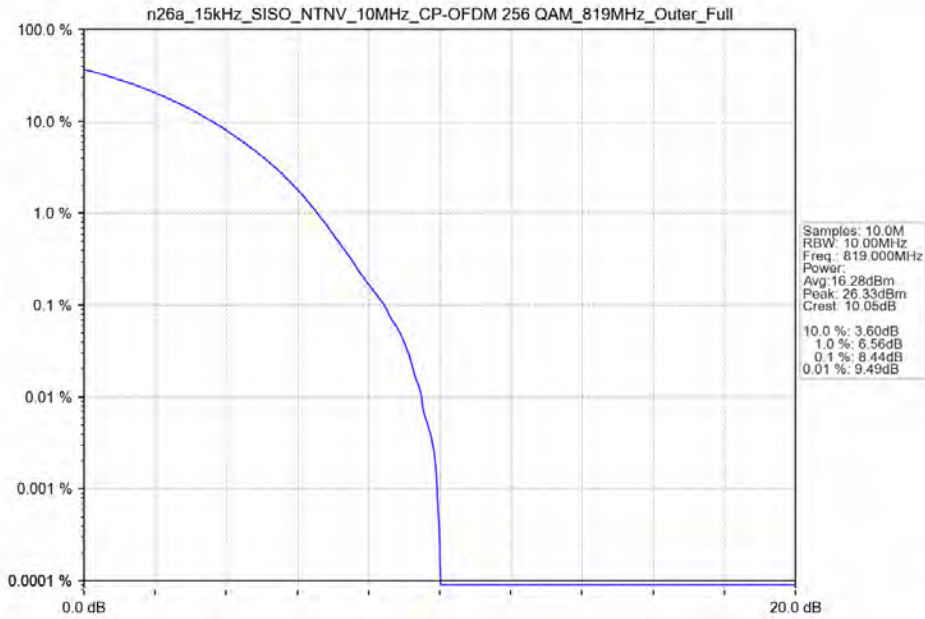
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5. Spurious Emission & Band Edges

5.1 15k_SISO_5MHz_NTNV

5.1.1 Test Result

5G NR n26a SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	816.5	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	819	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	816.5	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	819	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
CP-OFDM QPSK	816.5	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	819	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
821.5	Edge_1RB_Right	Refer To Test Graph			Pass	
	Outer_Full	Refer To Test Graph			Pass	
	Inner_1RB_Right	Refer To Test Graph			Pass	



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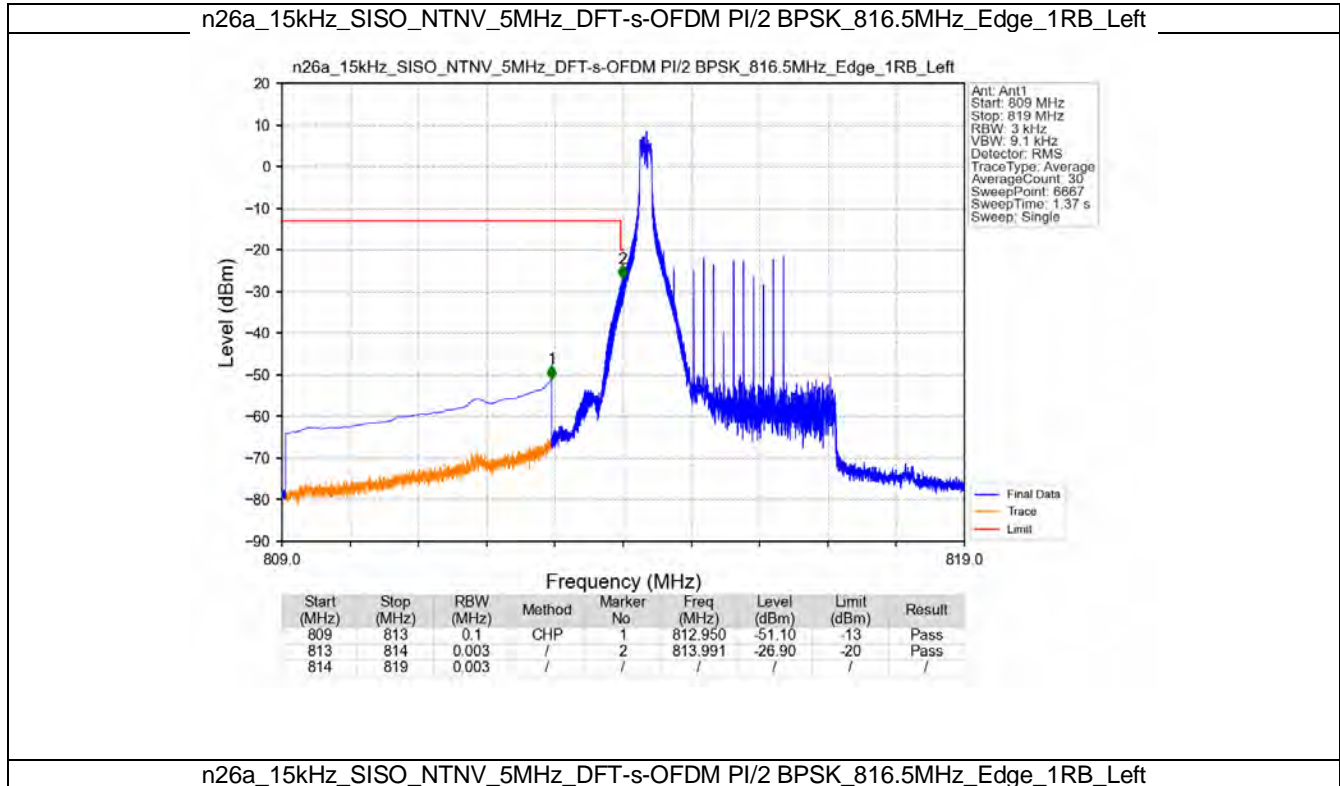
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5.1.2 Test Graph



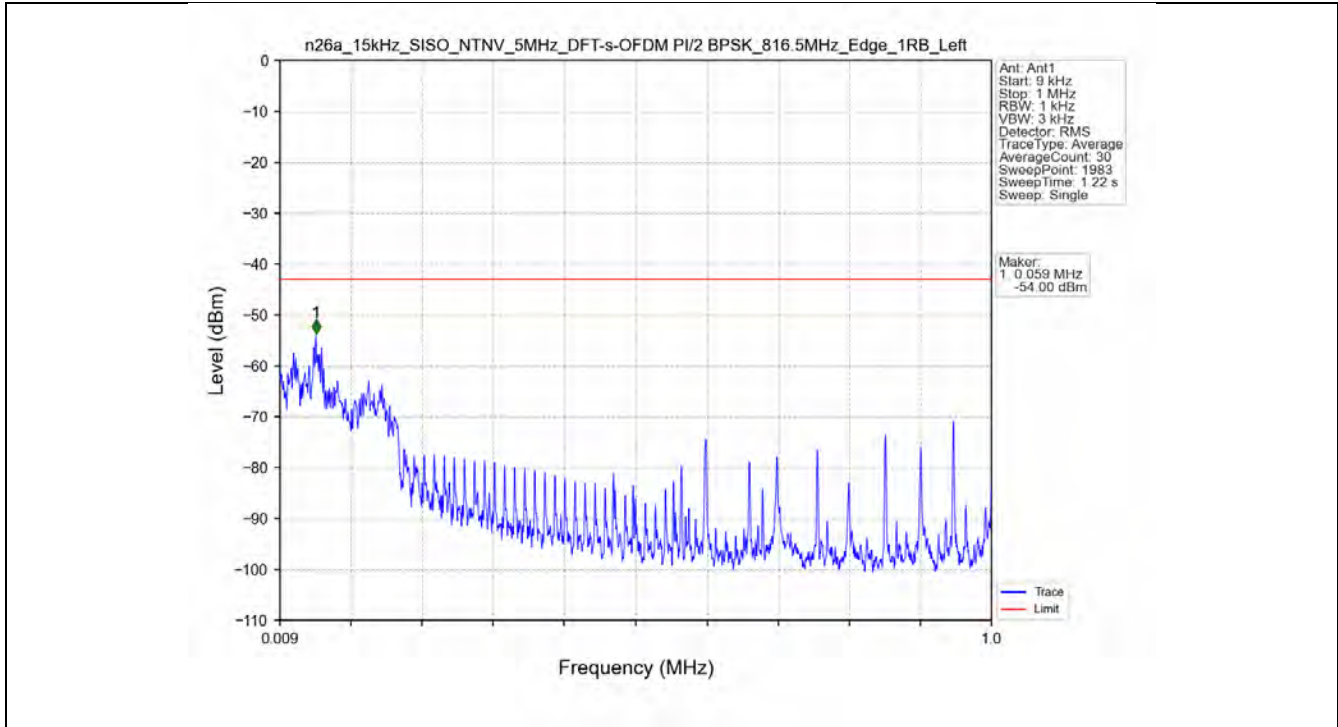
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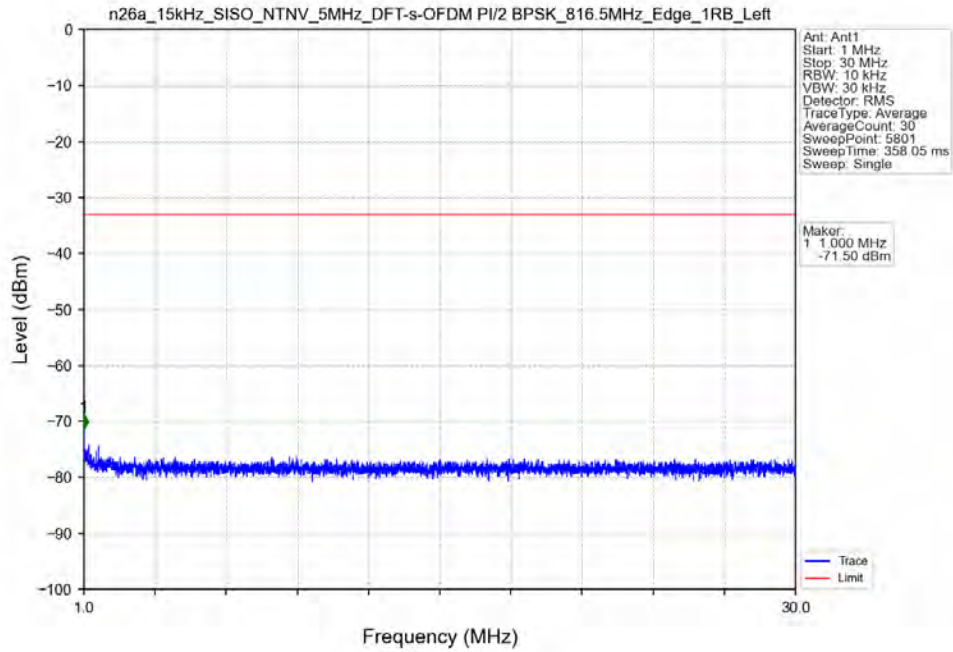
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_816.5MHz_Edge_1RB_Left



n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_816.5MHz_Edge_1RB_Left



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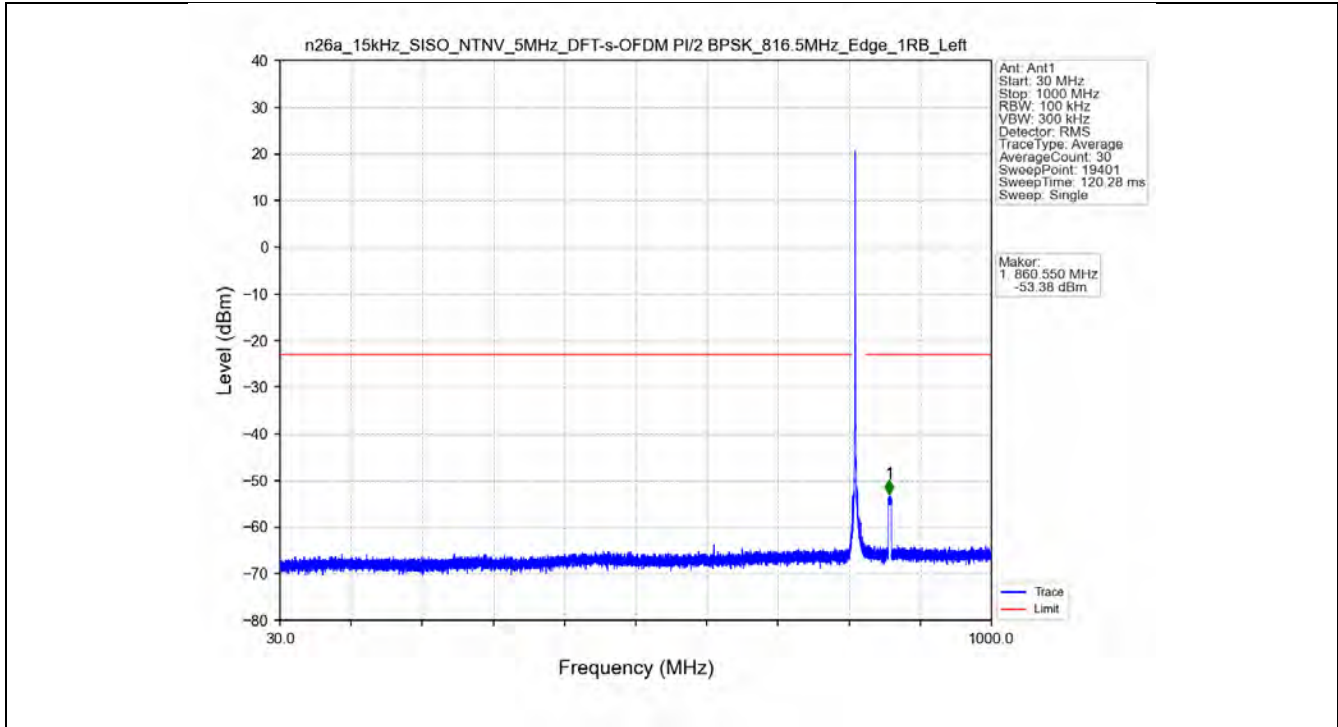
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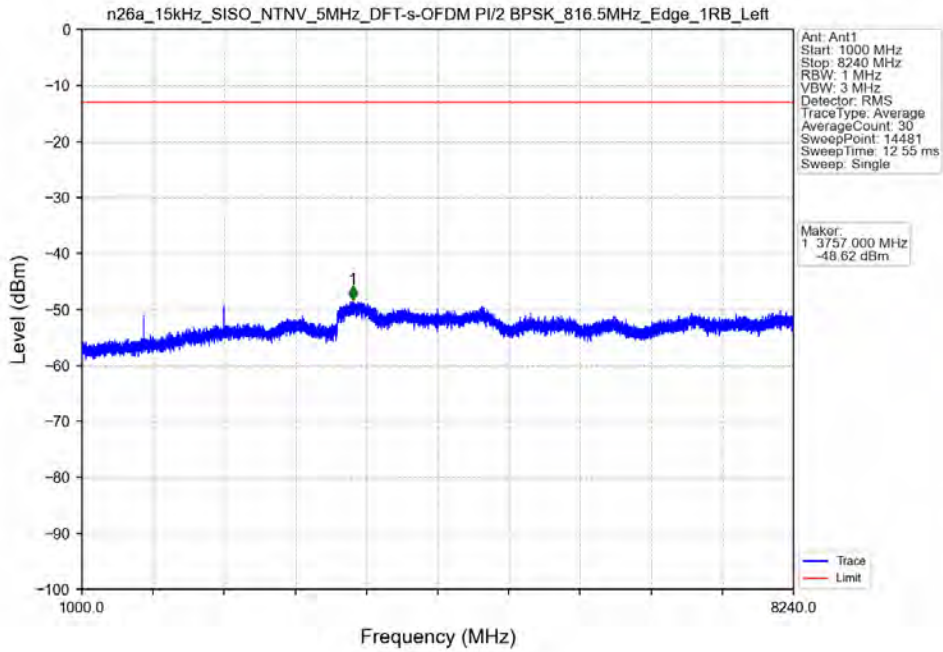
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_816.5MHz_Outer_Full



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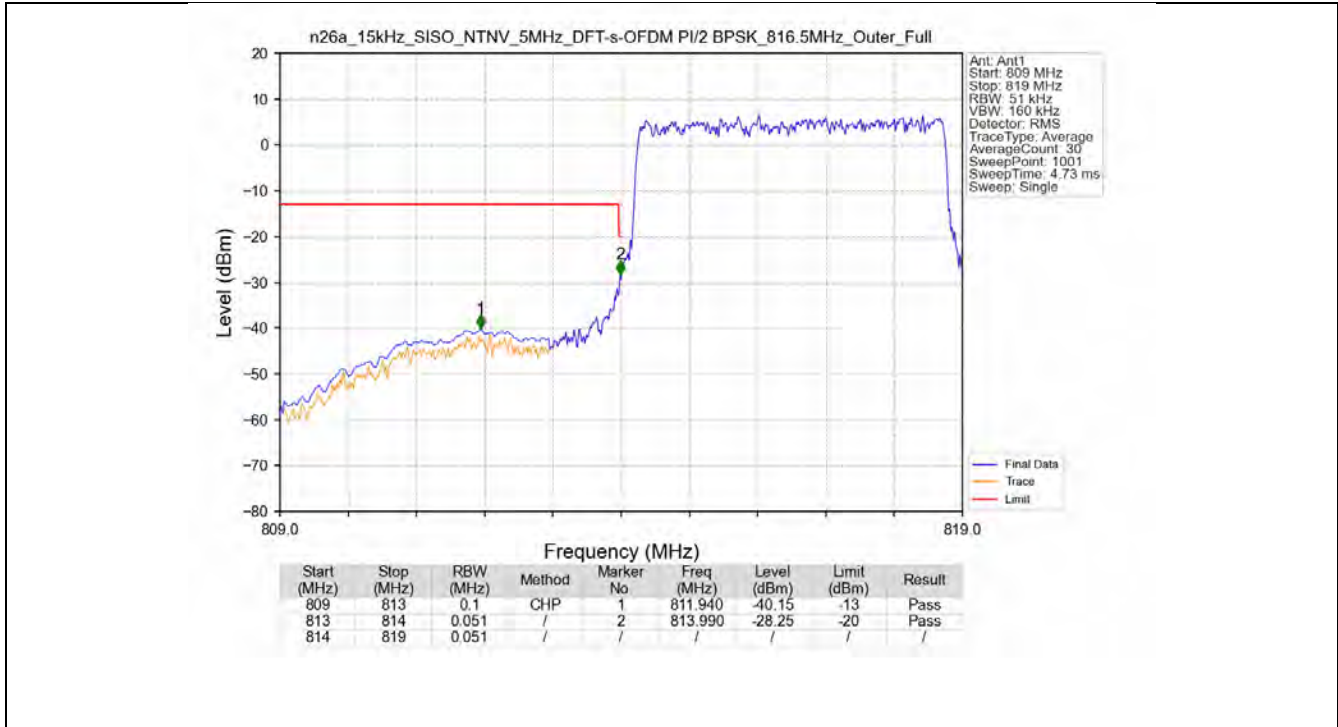
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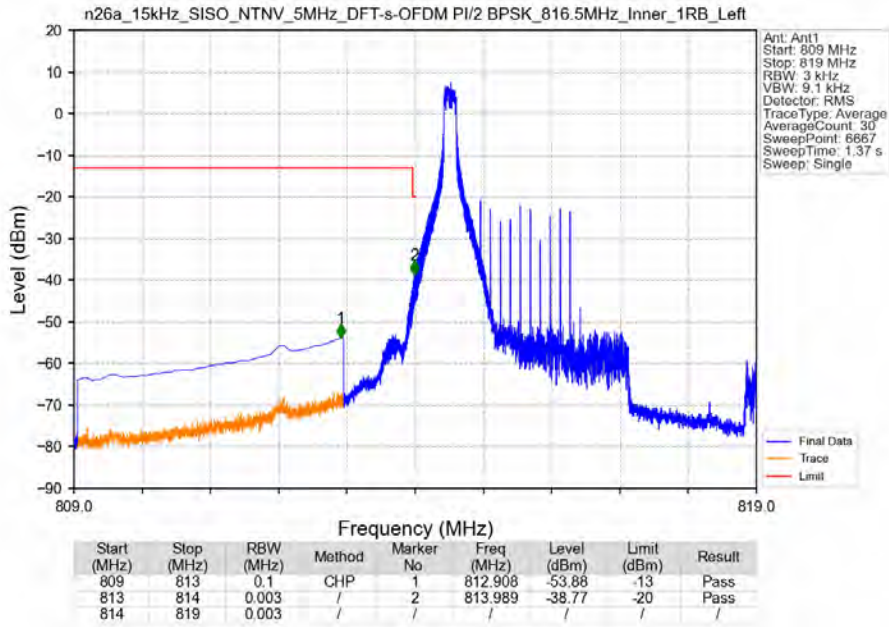
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Edge_1RB_Left



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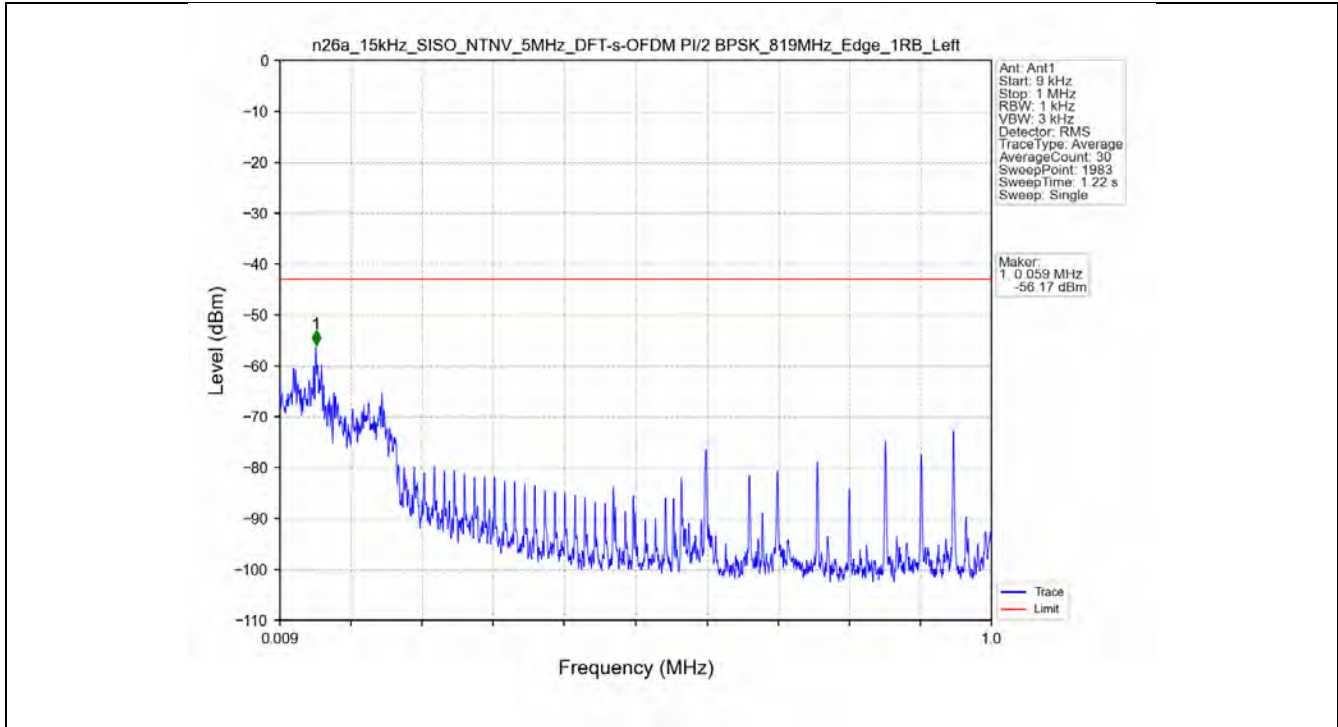
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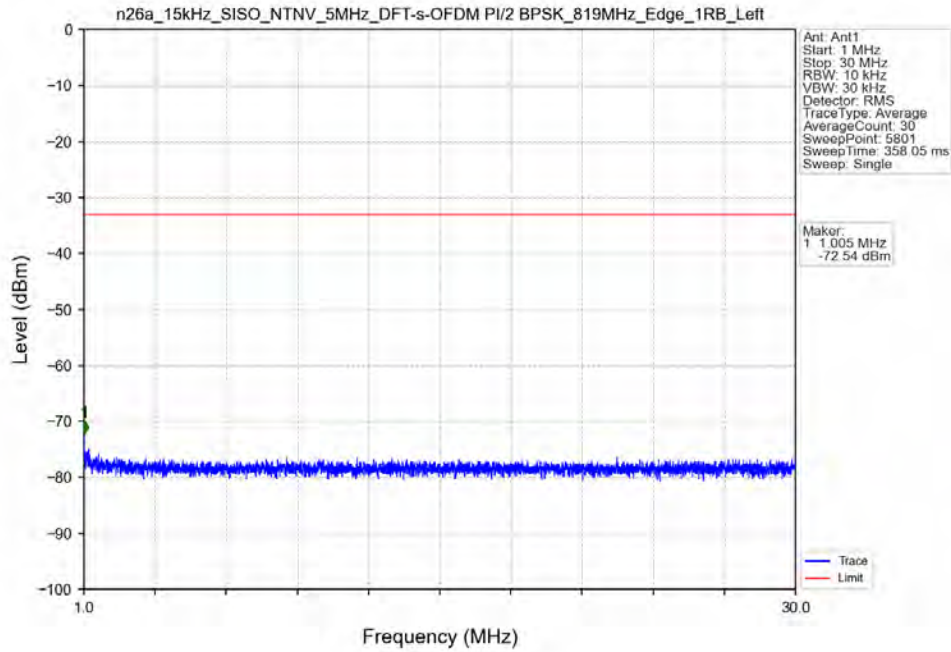
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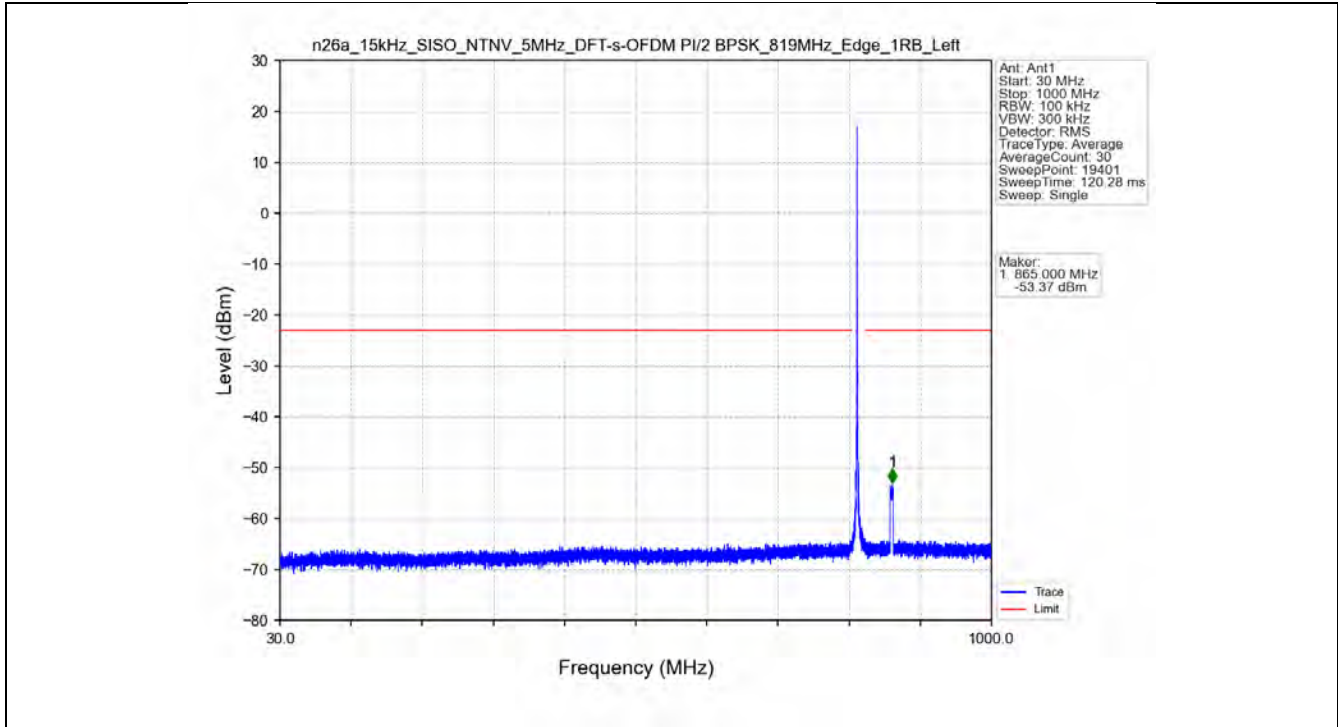
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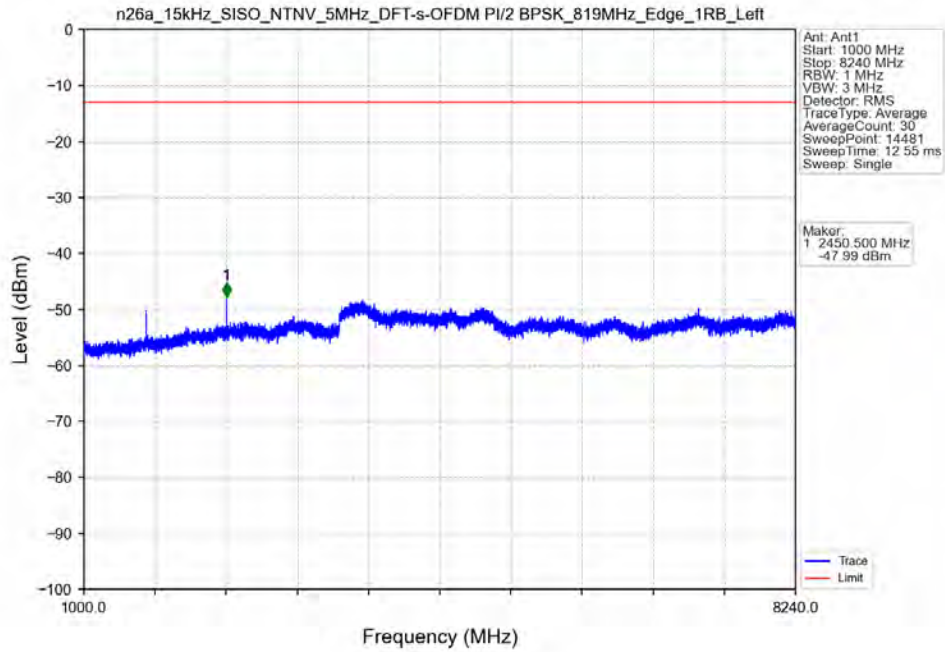
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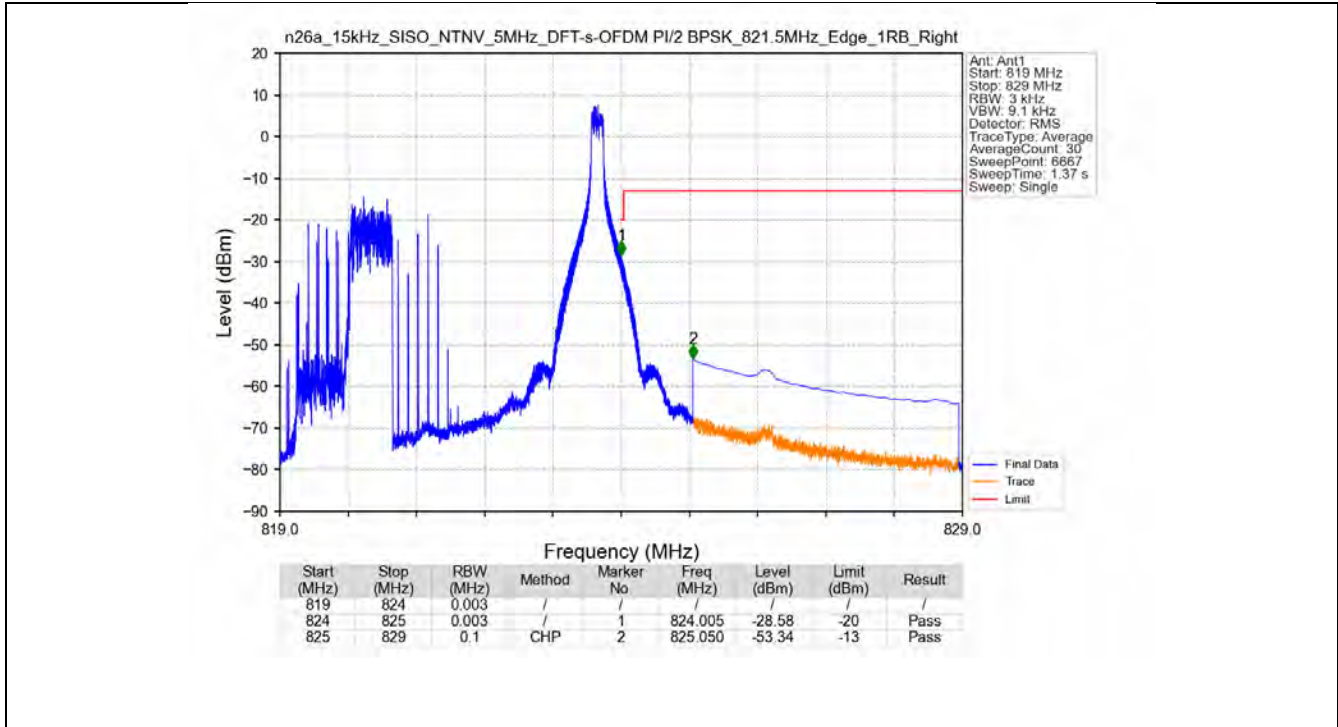
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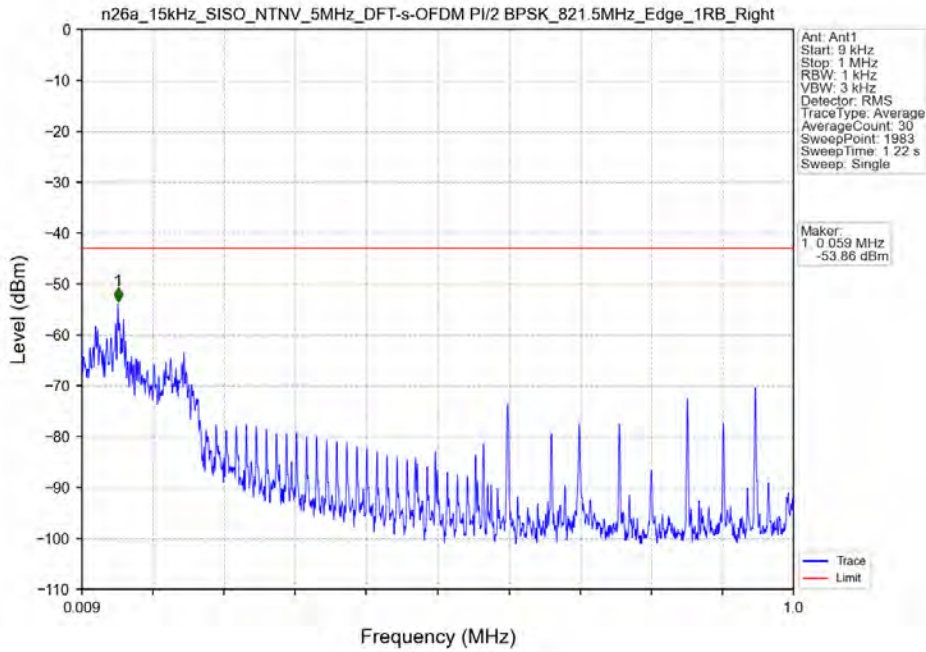
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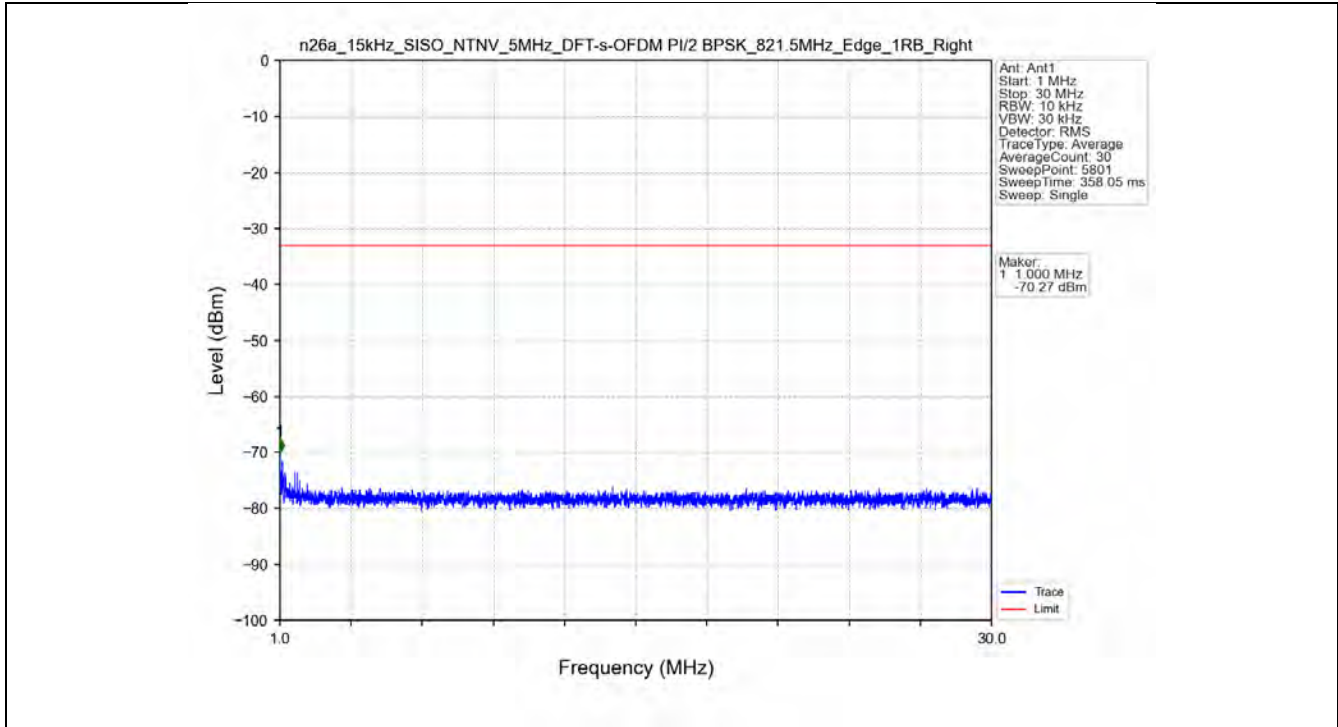
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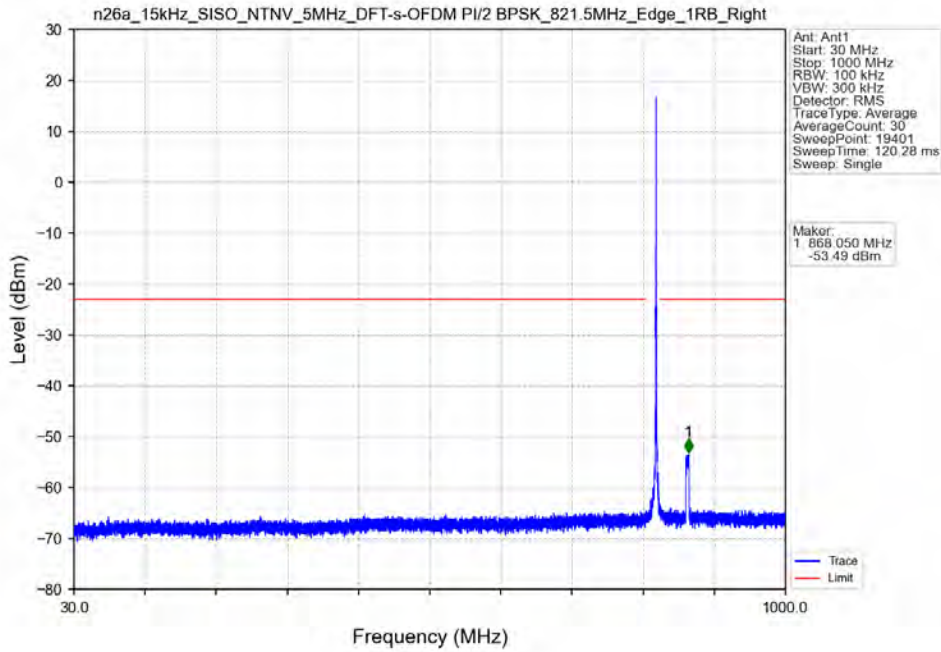
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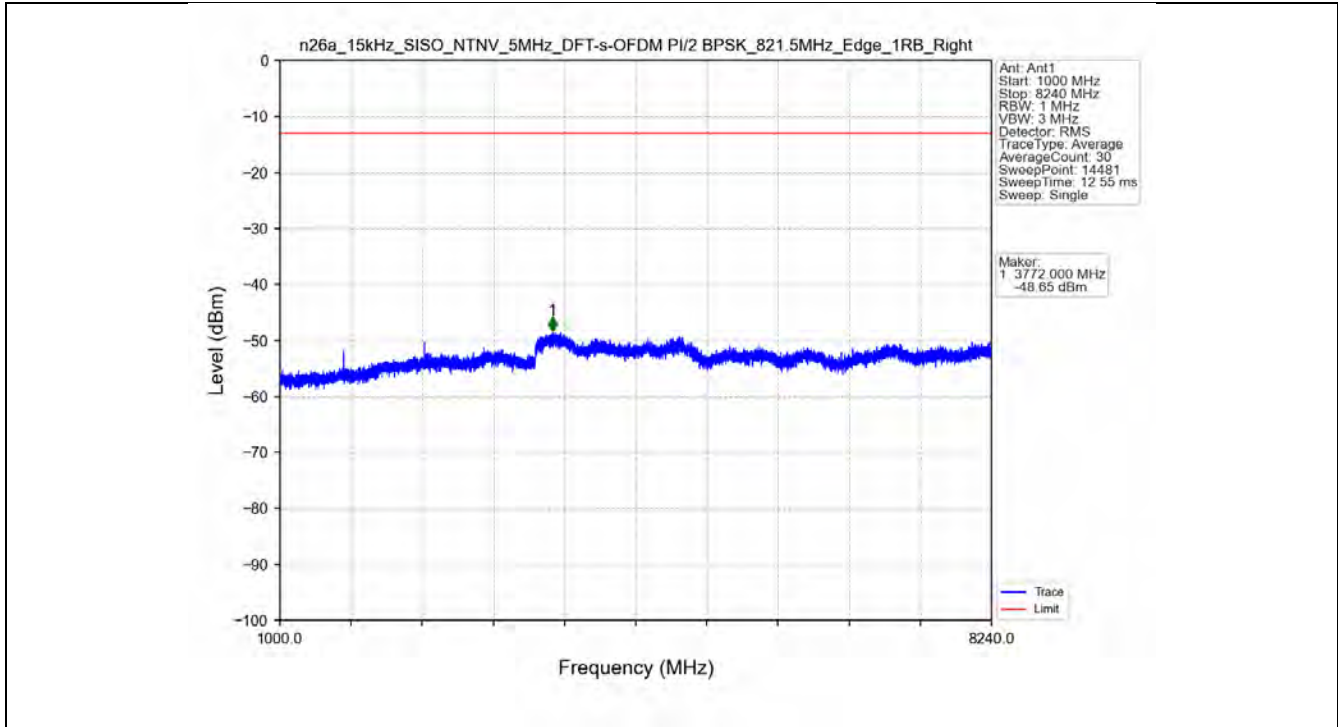
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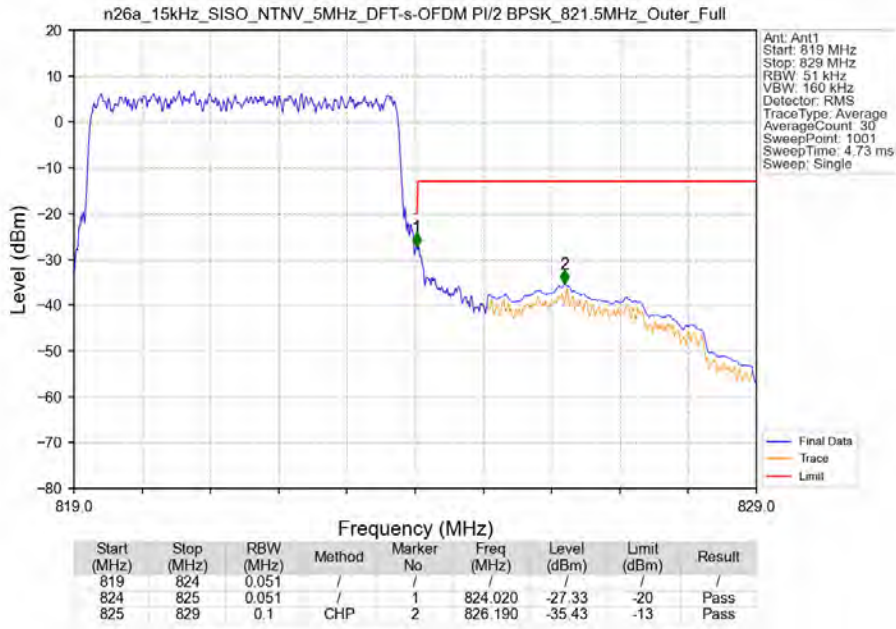
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_821.5MHz_Outer_Full



n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_821.5MHz_Inner_1RB_Right



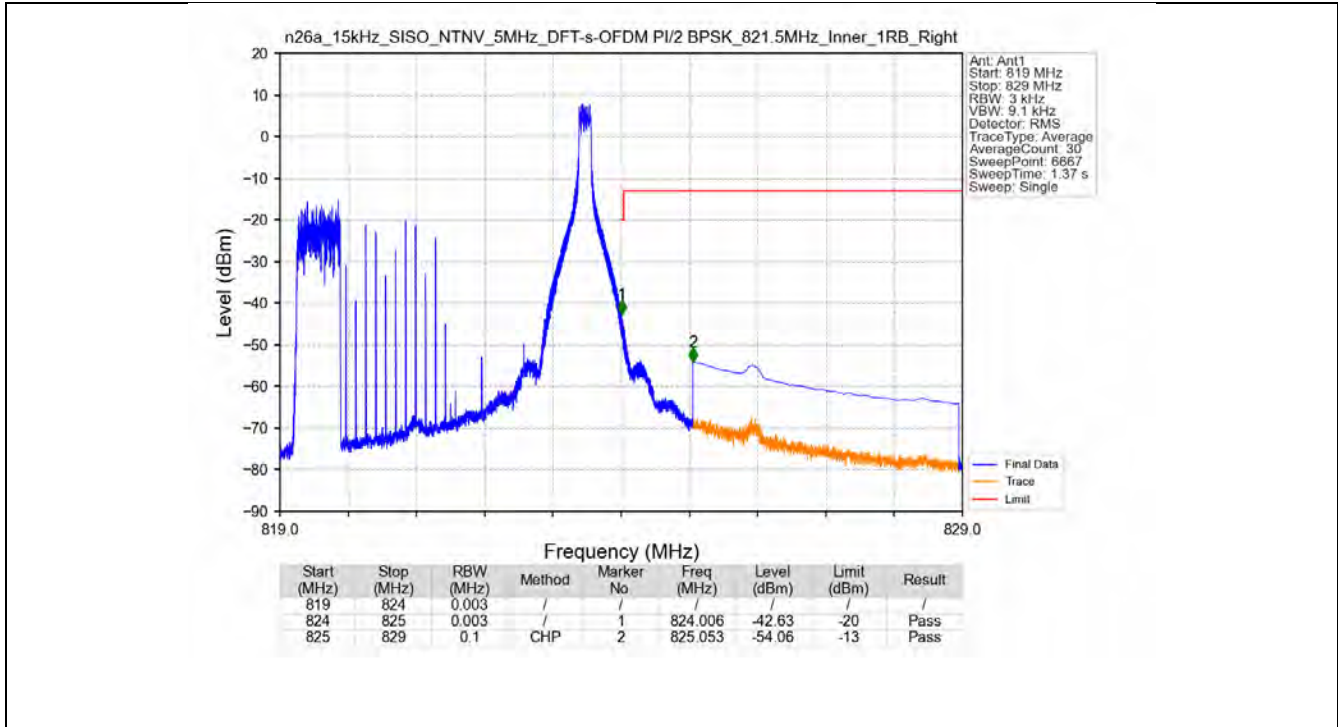
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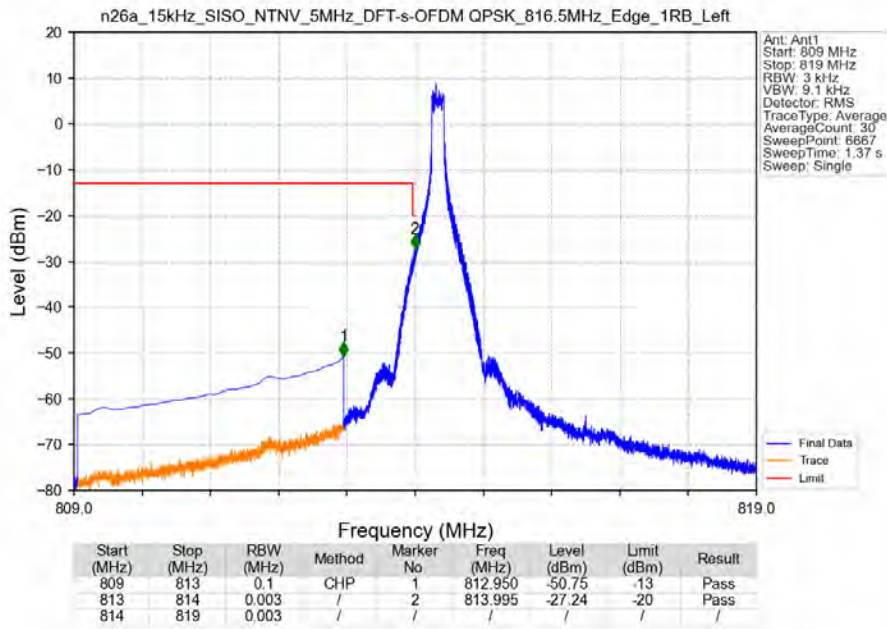
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_816.5MHz_Edge_1RB_Left



n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_816.5MHz_Edge_1RB_Left



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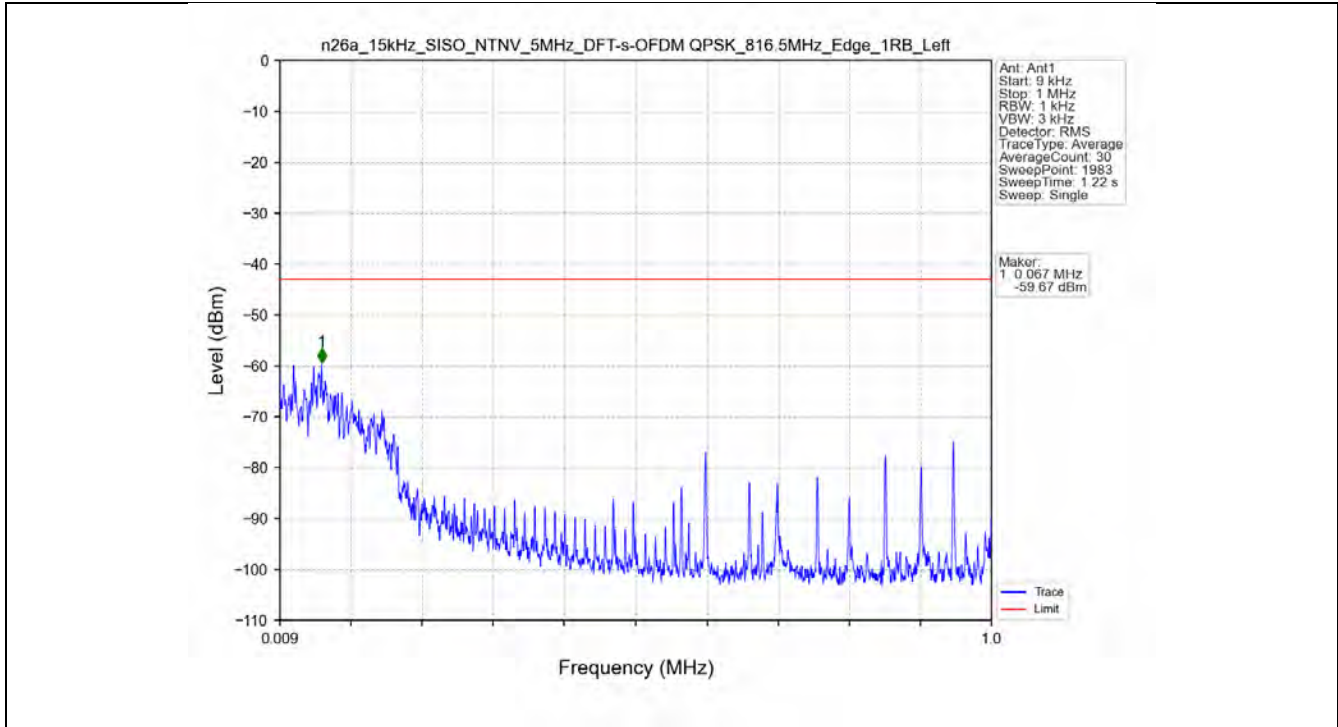
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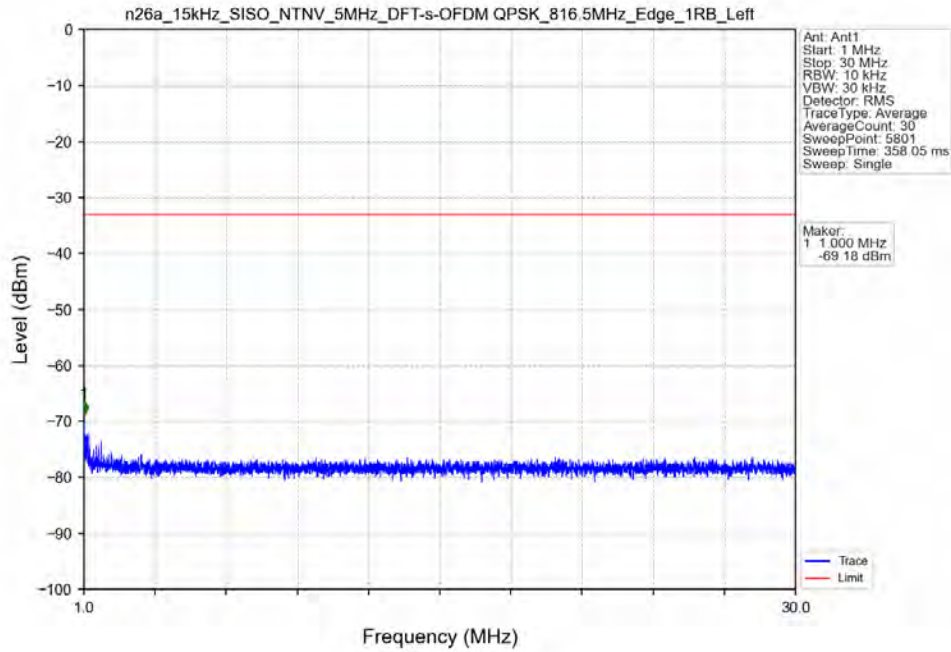
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_816.5MHz_Edge_1RB_Left



n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_816.5MHz_Edge_1RB_Left



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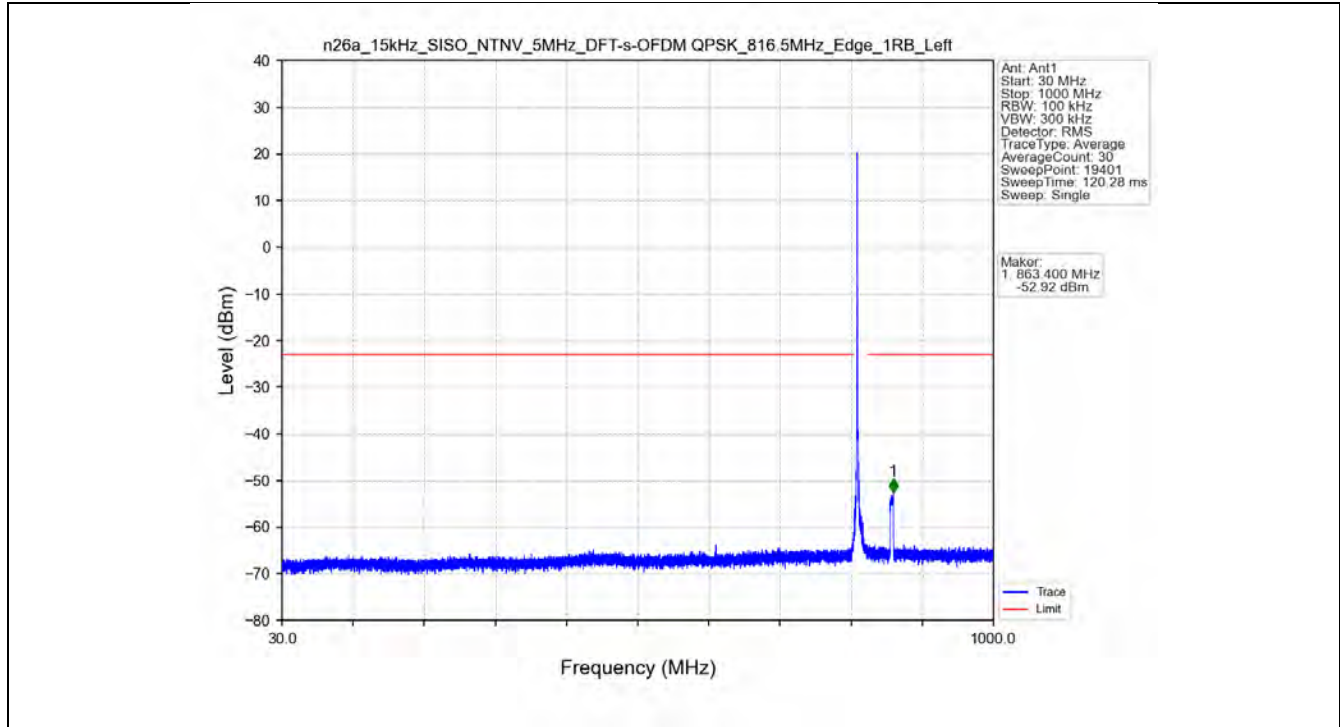
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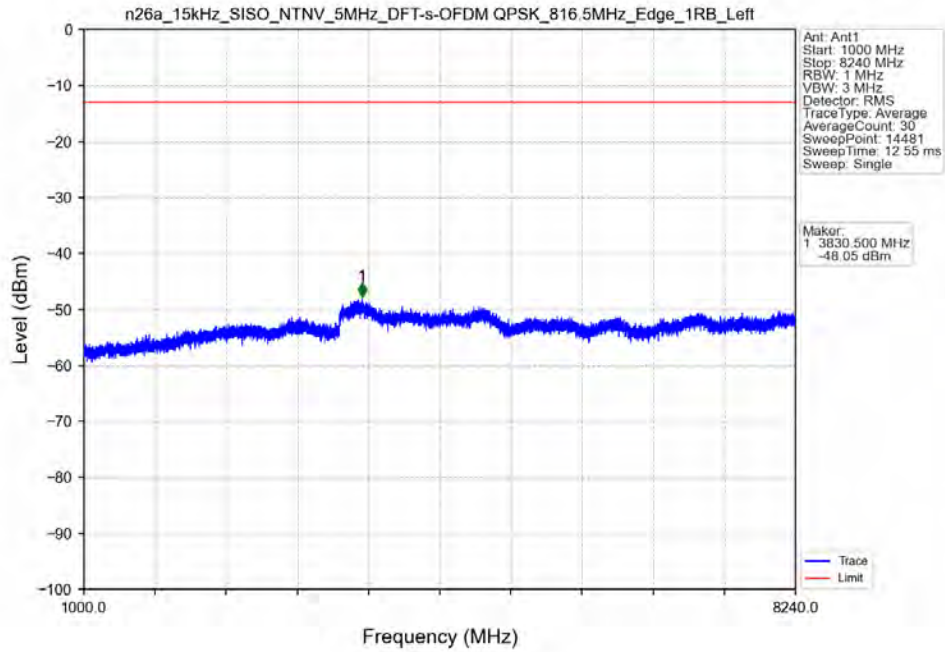
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_816.5MHz_Edge_1RB_Left



n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_816.5MHz_Outer_Full



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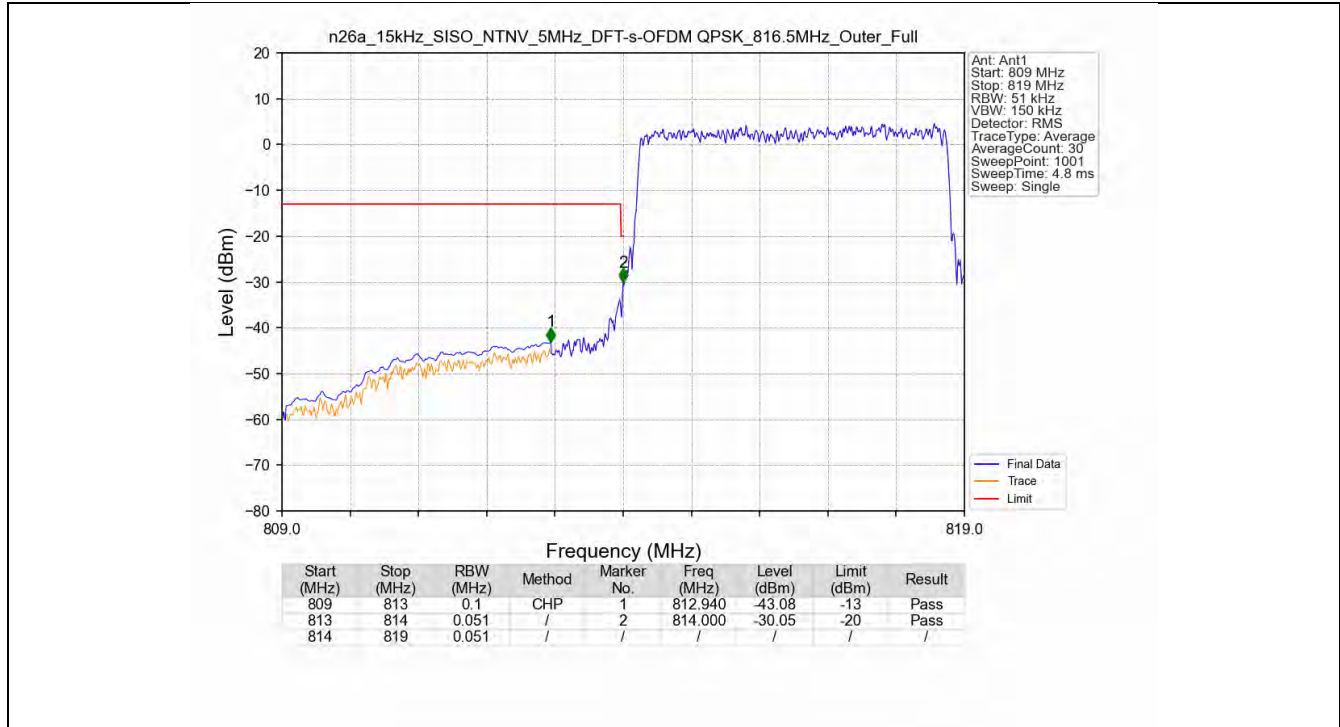
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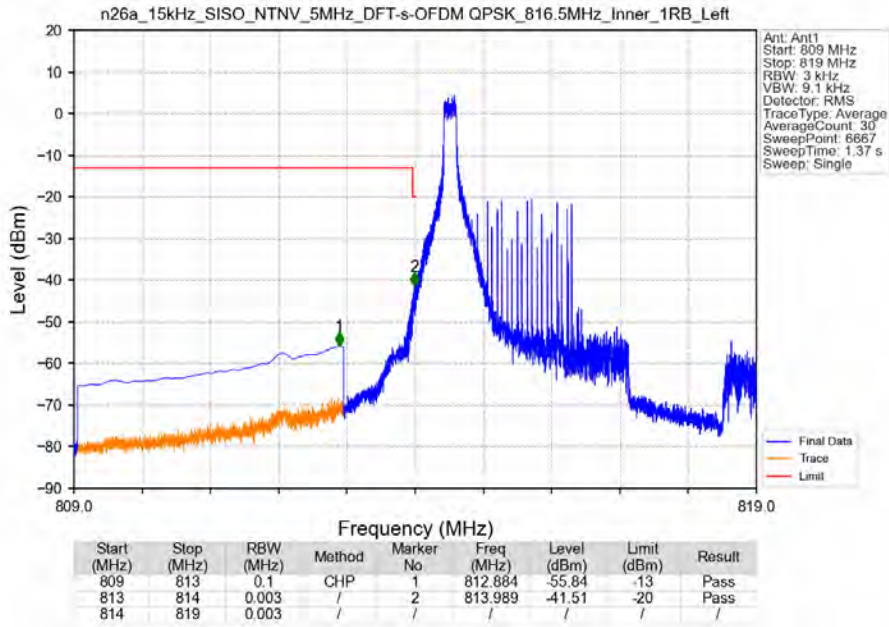
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_816.5MHz_Inner_1RB_Left



n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_819MHz_Edge_1RB_Left



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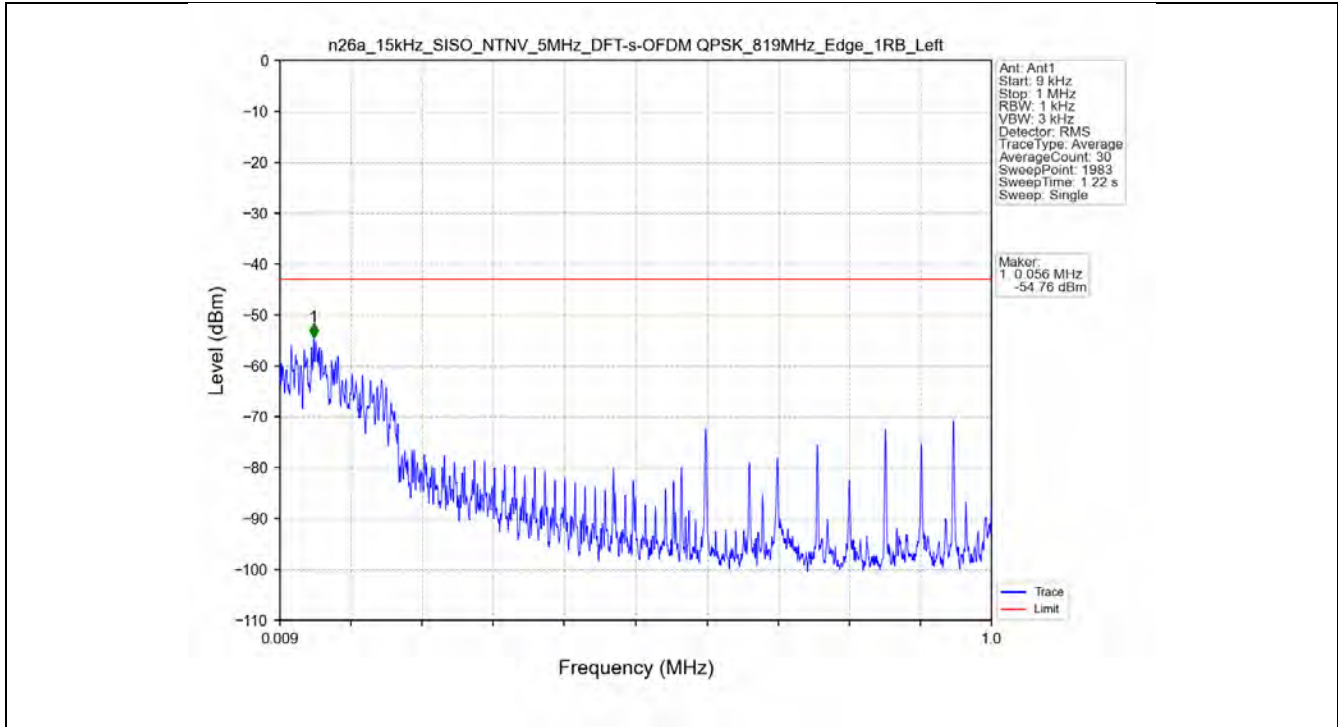
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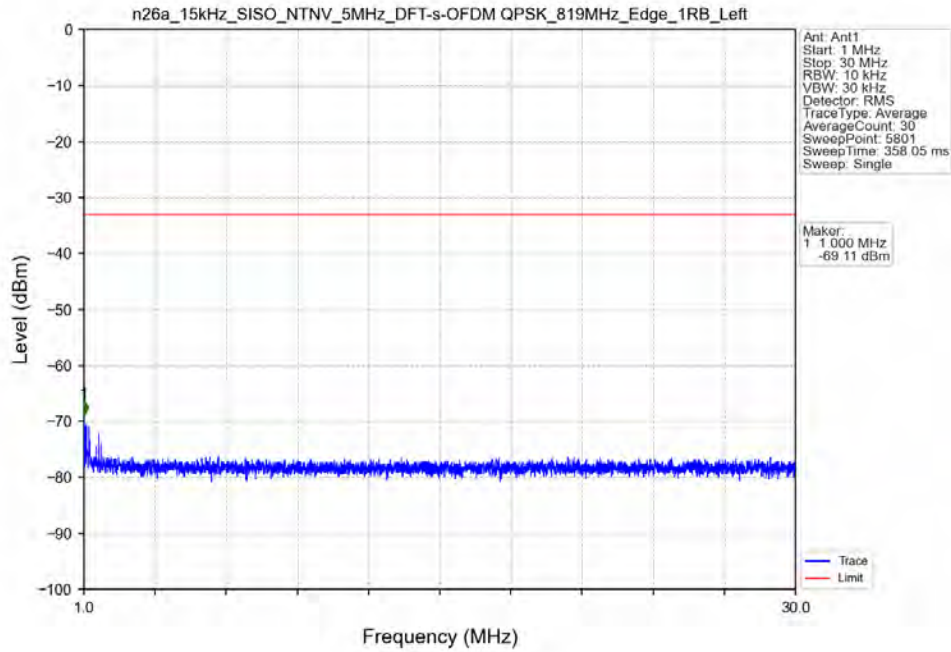
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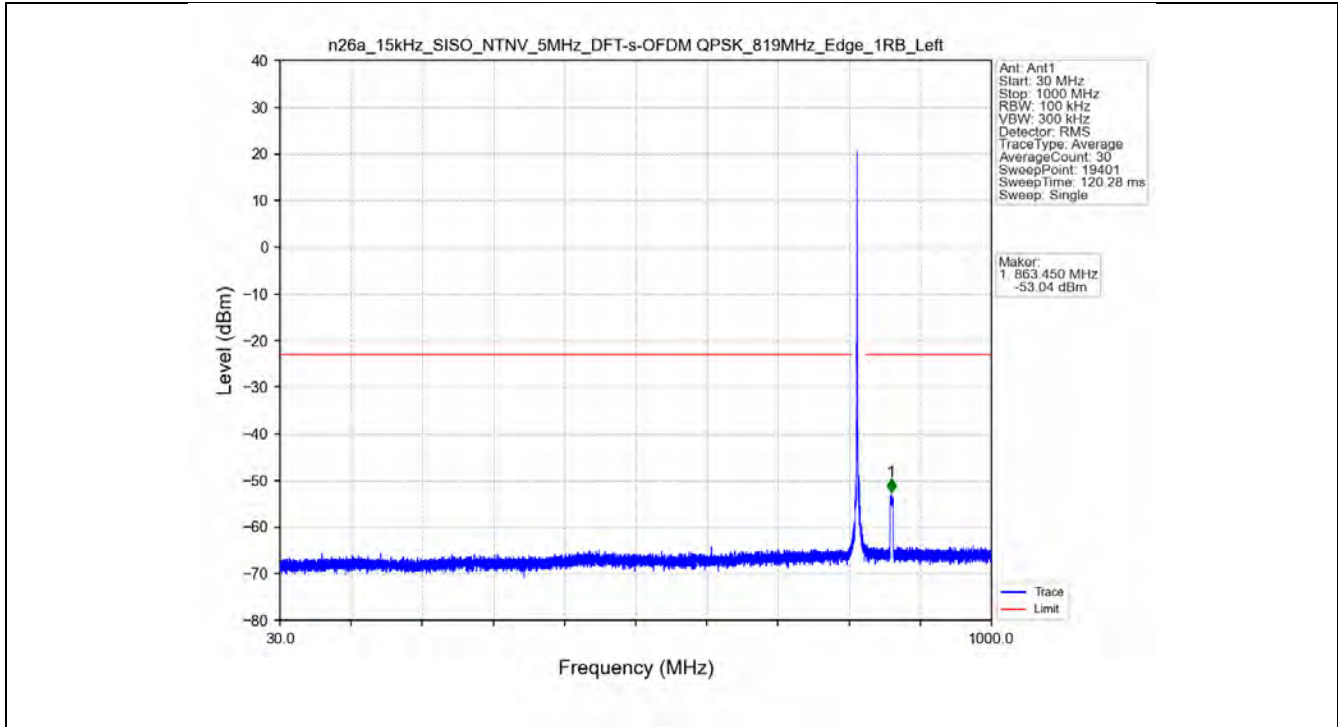
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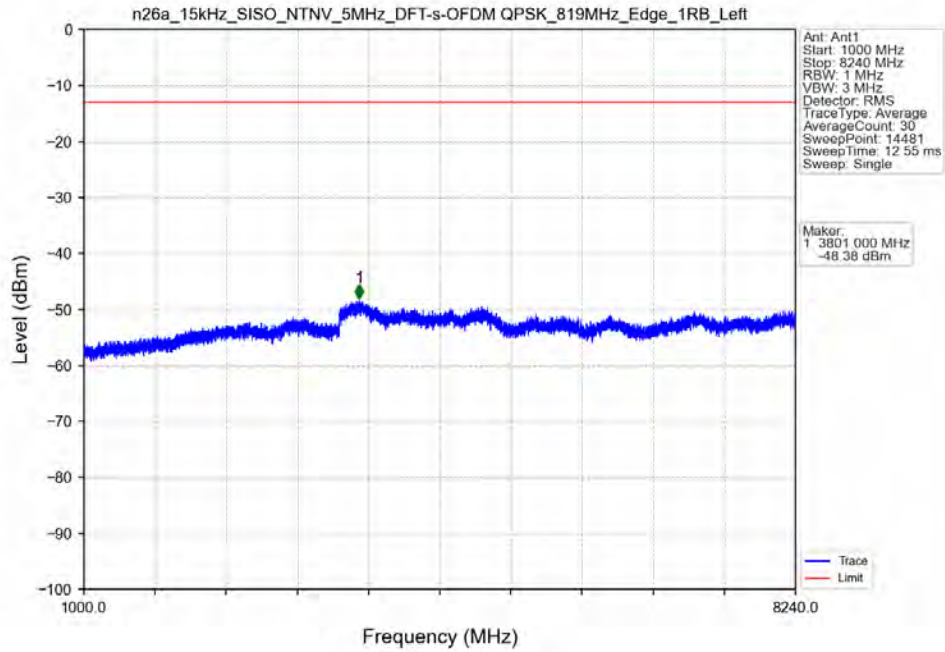
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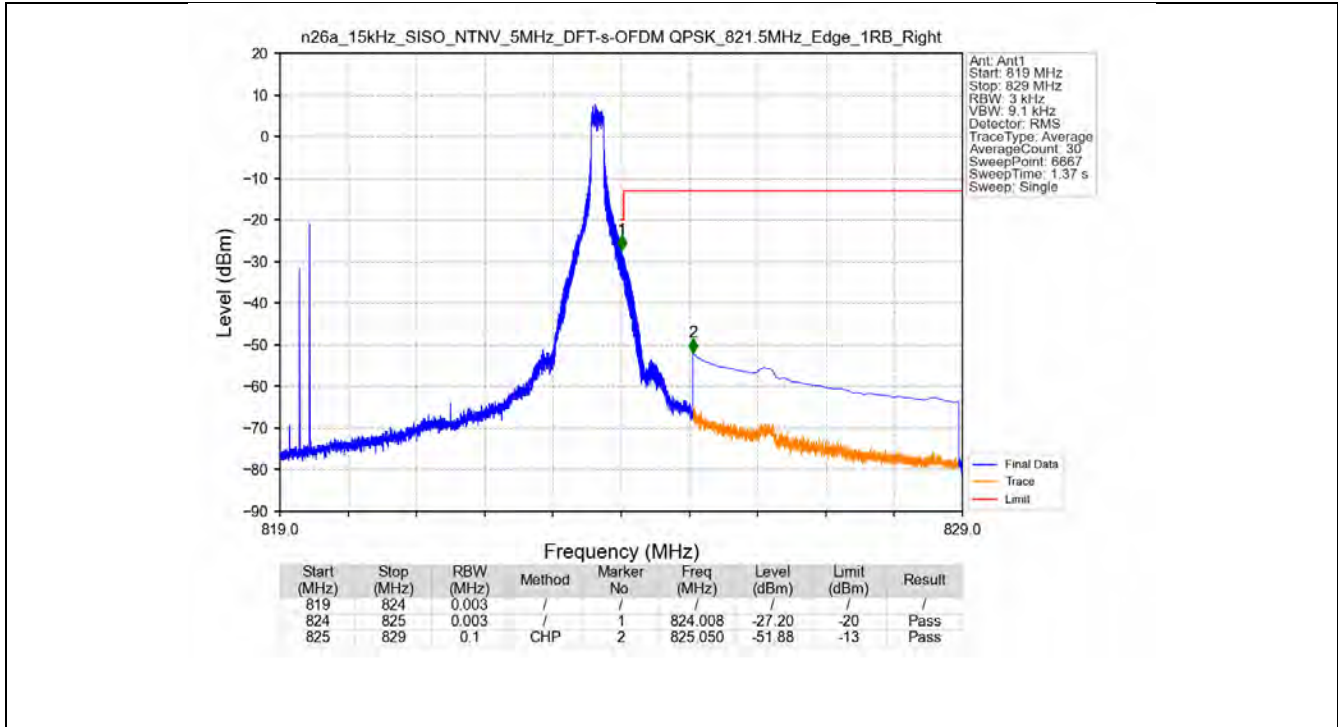
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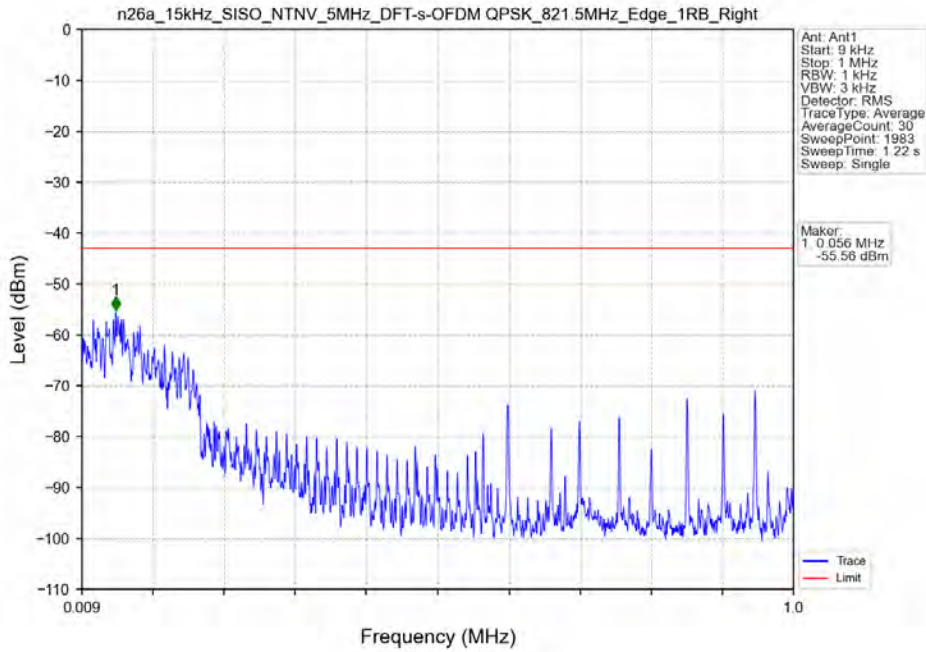
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_821.5MHz_Edge_1RB_Right



n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_821.5MHz_Edge_1RB_Right



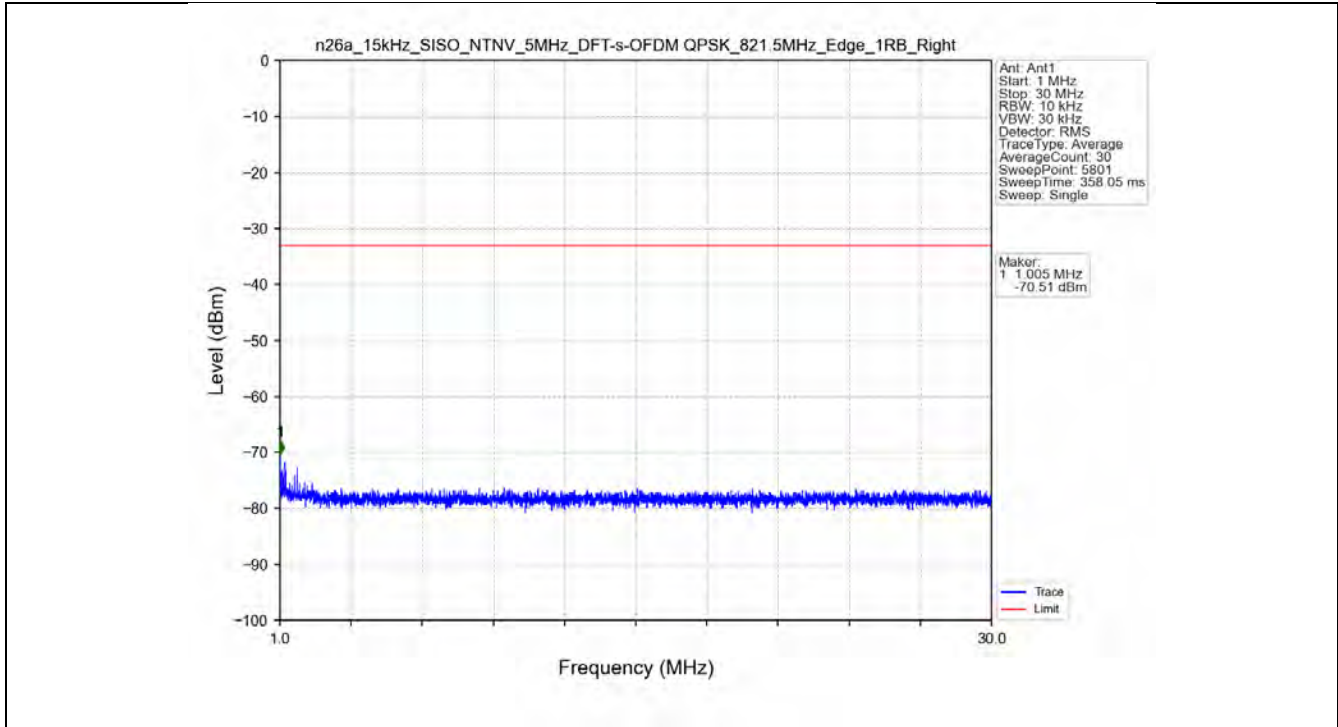
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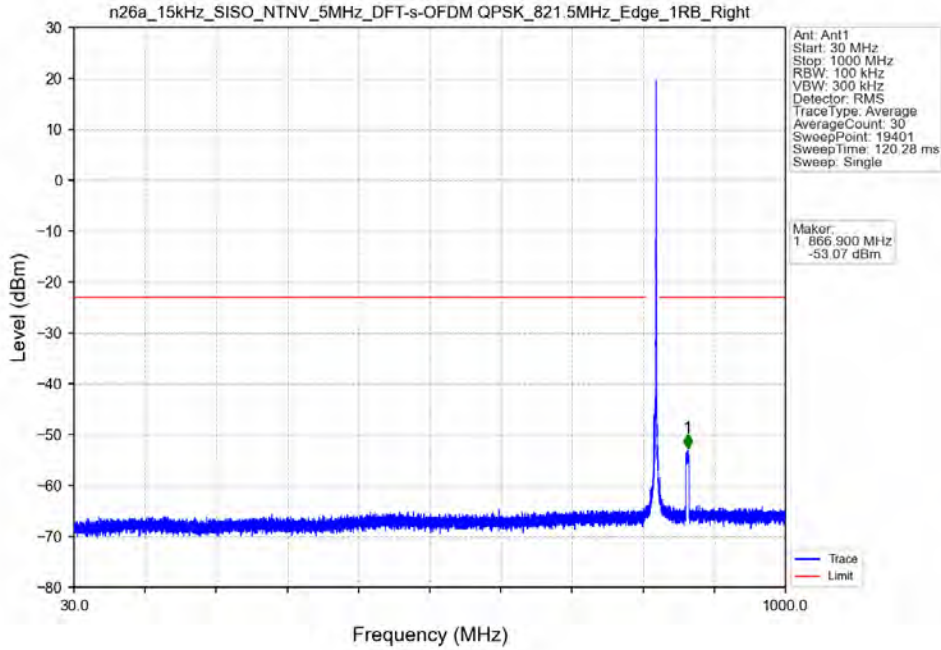
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_821.5MHz_Edge_1RB_Right



n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_821.5MHz_Edge_1RB_Right



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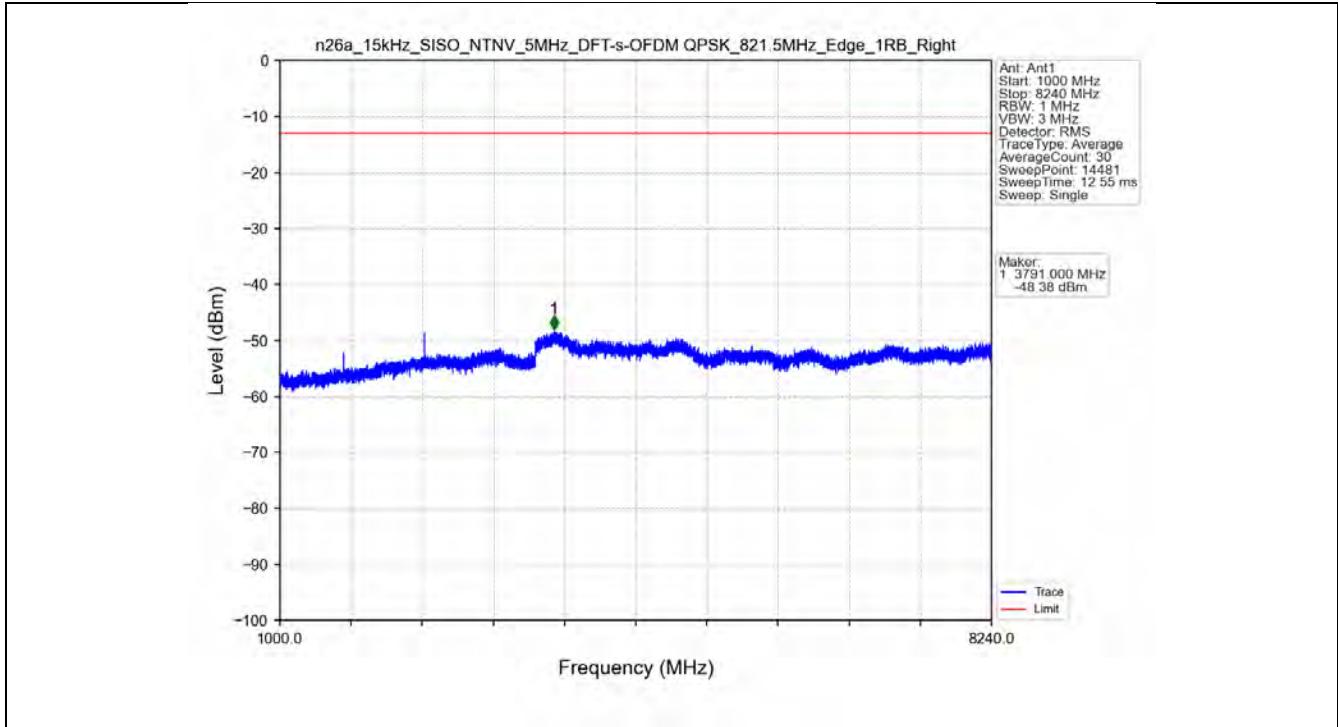
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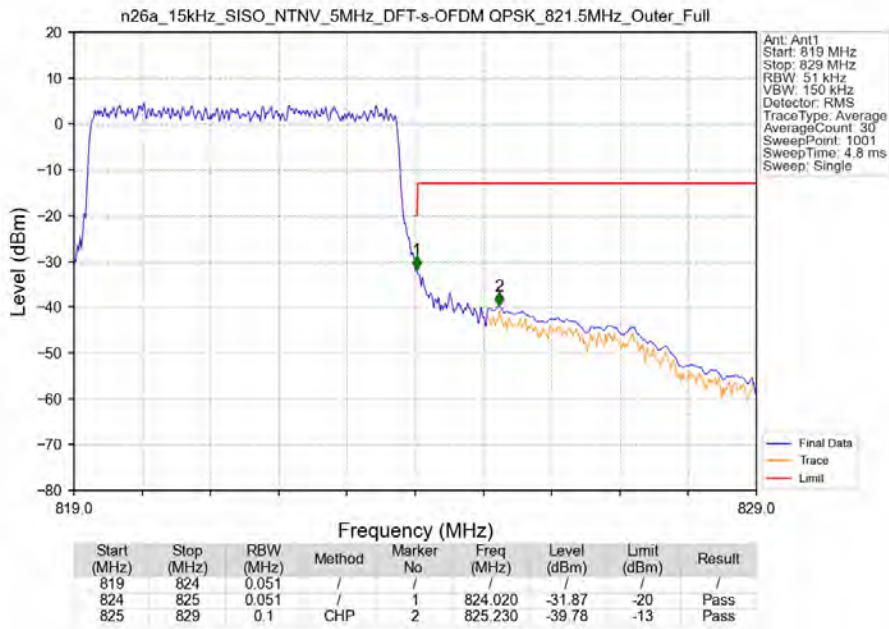
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n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_821.5MHz_Outer_Full



n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_821.5MHz_Inner_1RB_Right



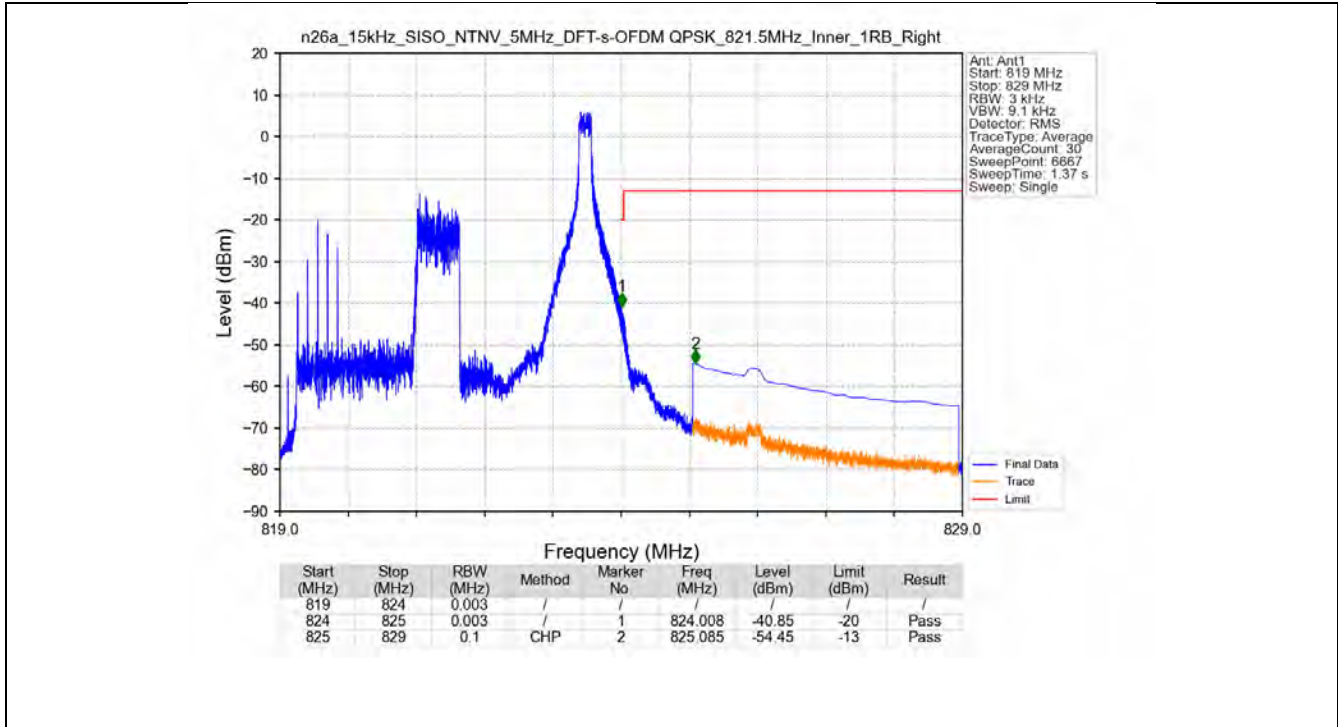
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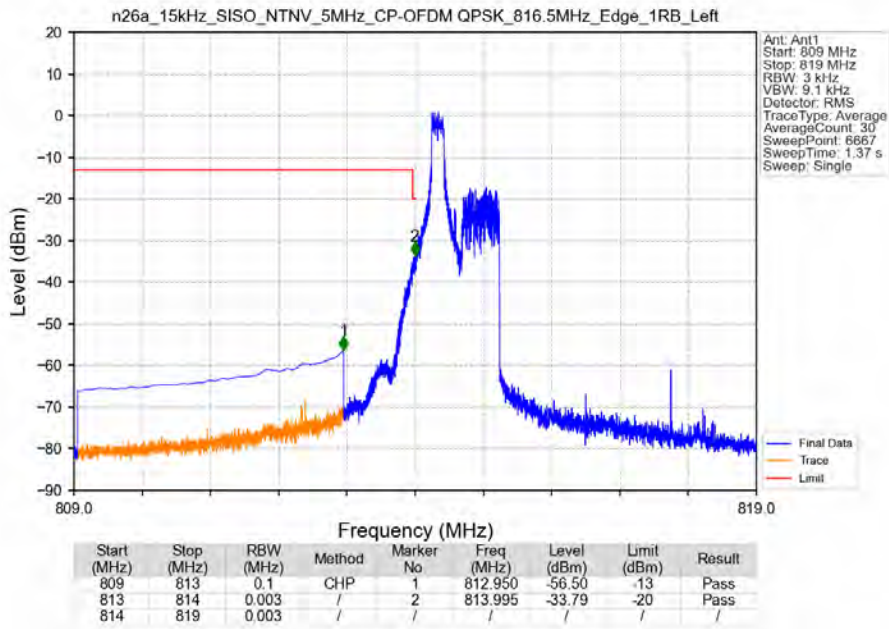
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n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_816.5MHz_Edge_1RB_Left



n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_816.5MHz_Edge_1RB_Left



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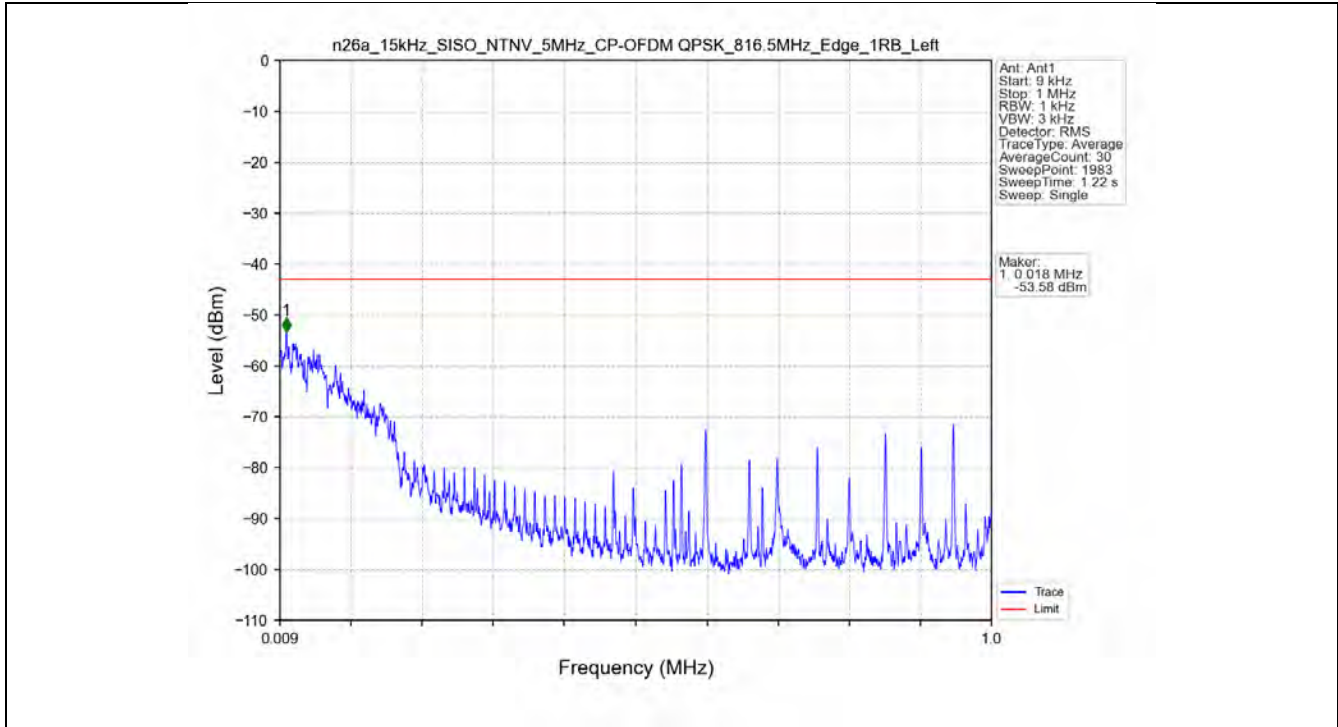
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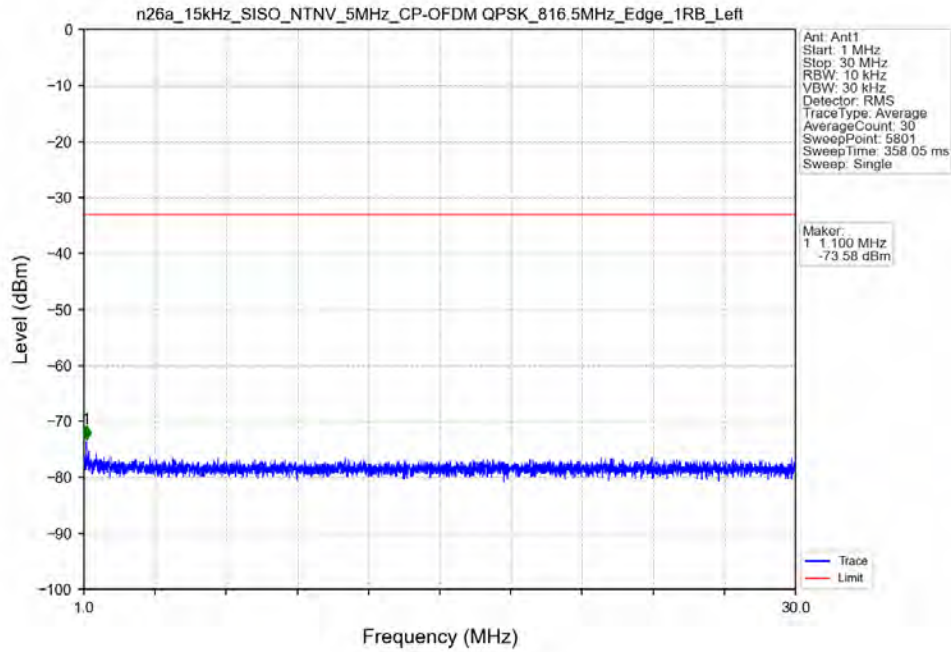
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n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_816.5MHz_Edge_1RB_Left



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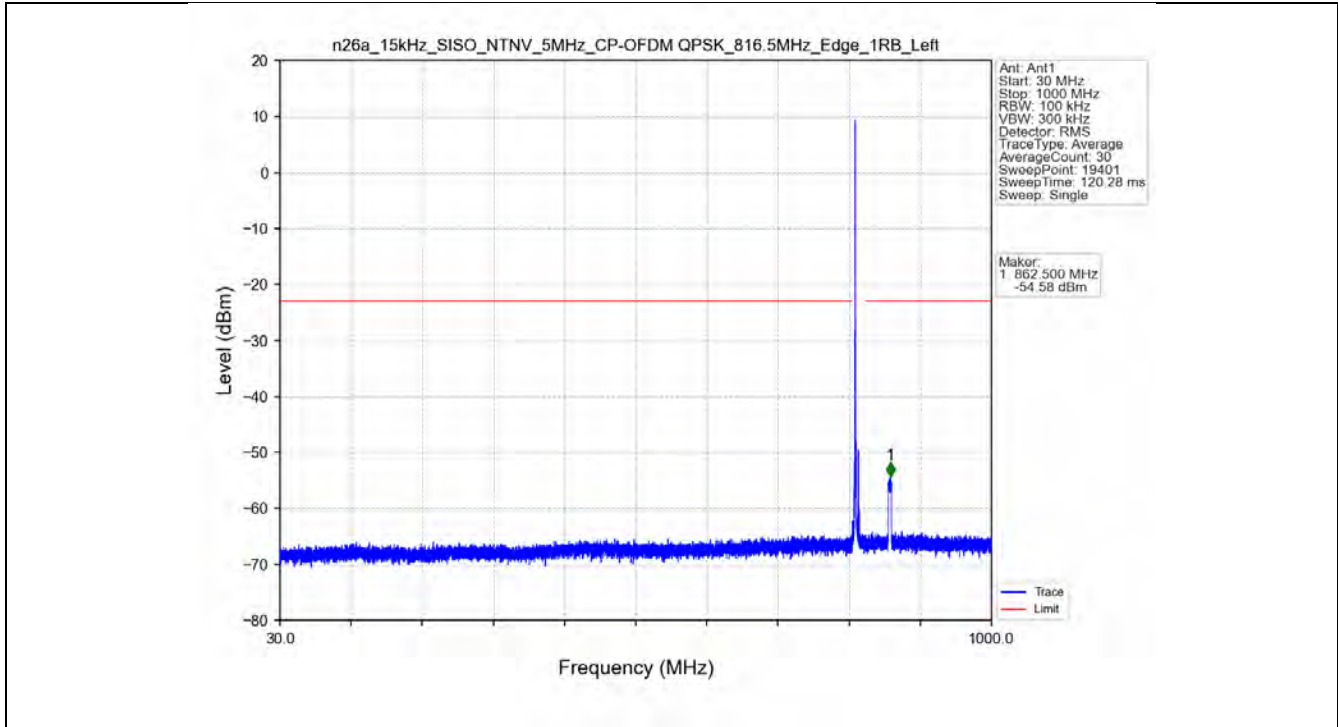
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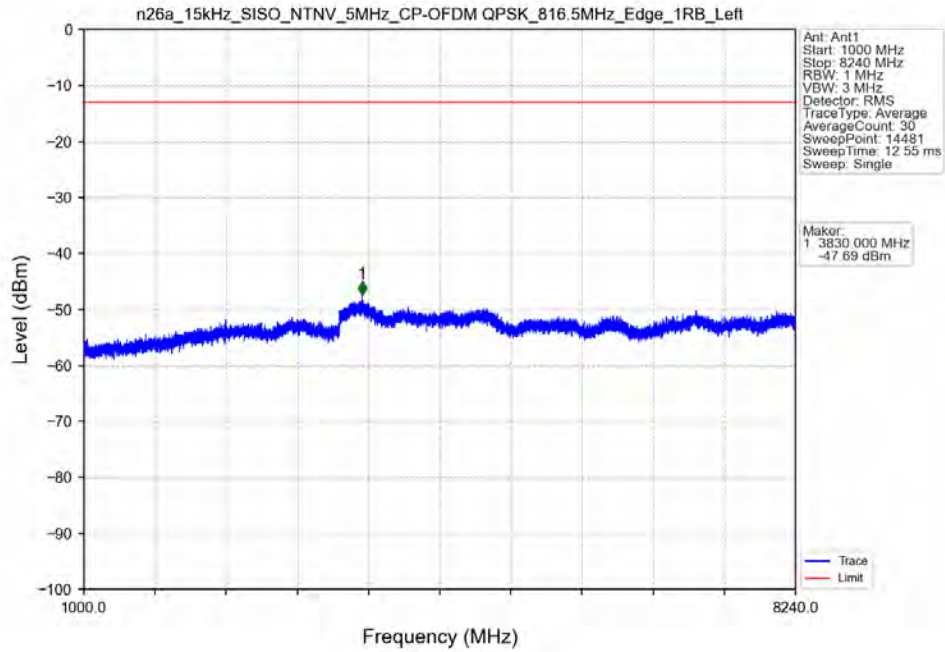
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n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_816.5MHz_Outer_Full



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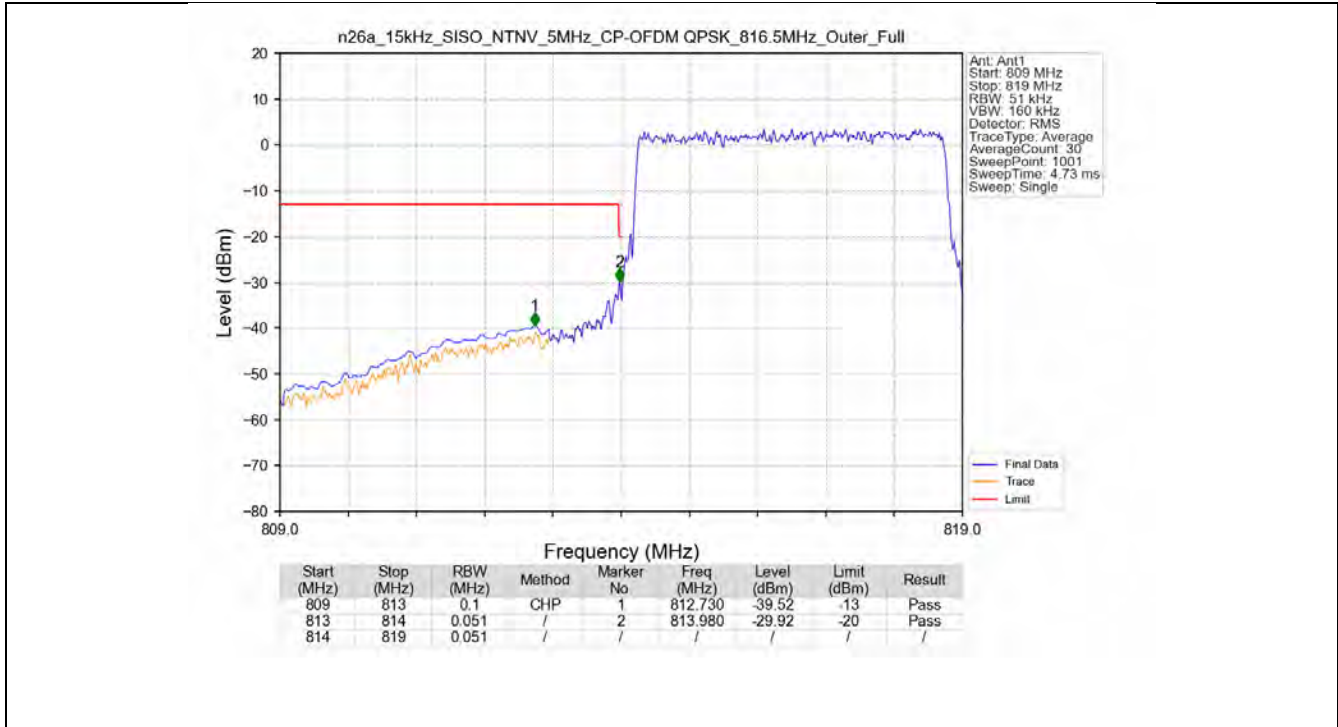
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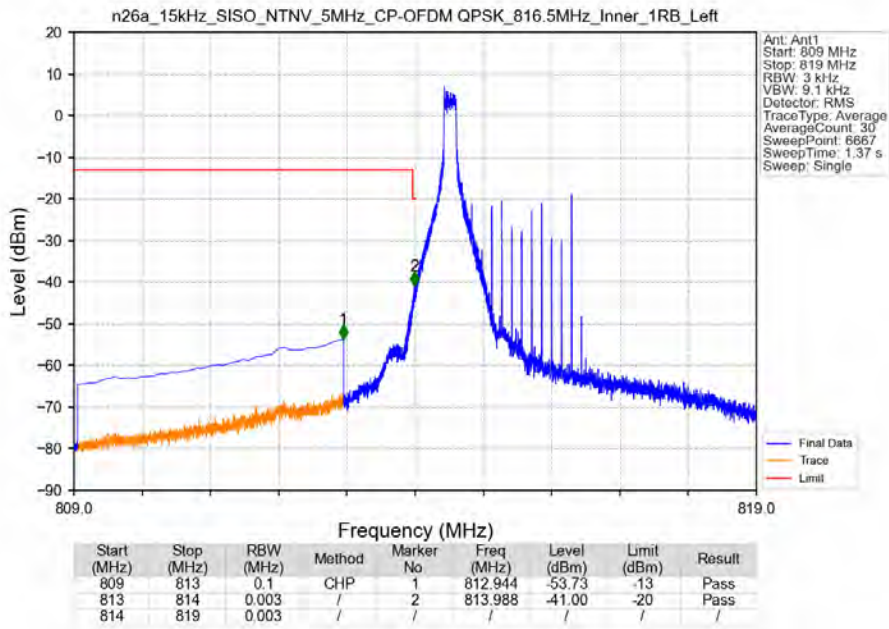
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n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_819MHz_Edge_1RB_Left



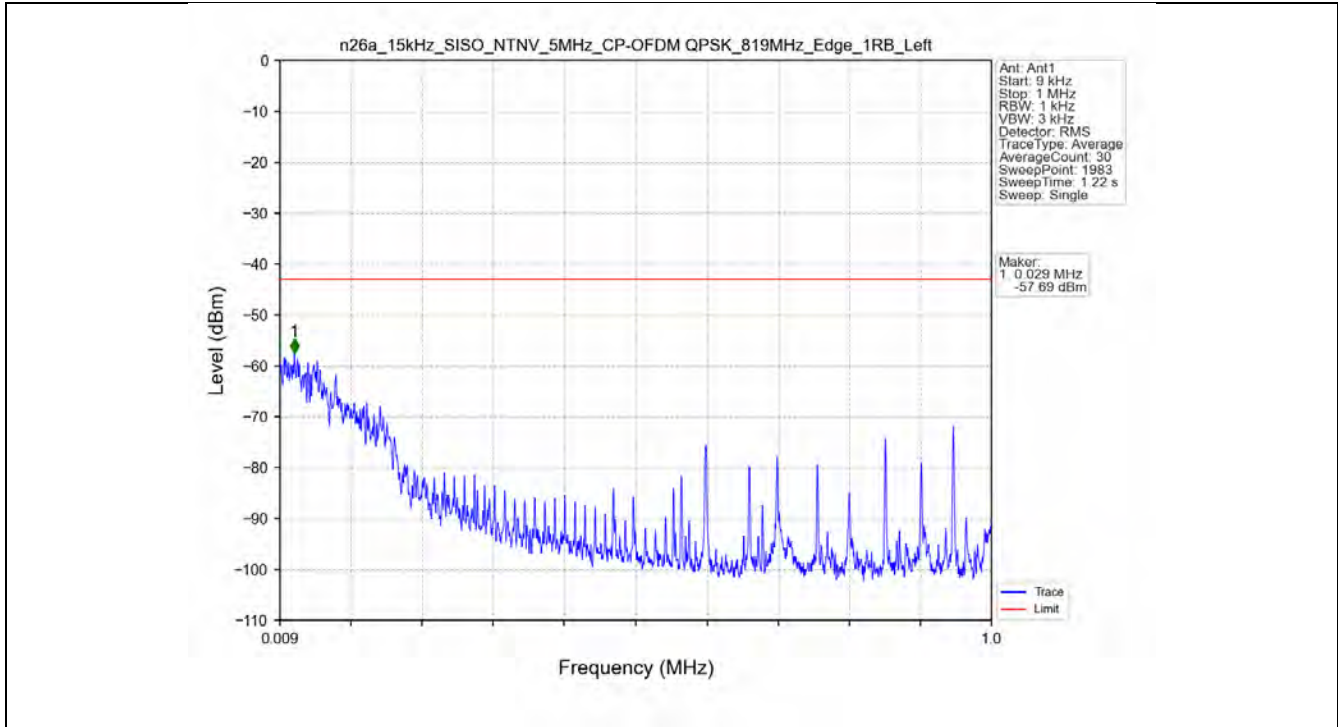
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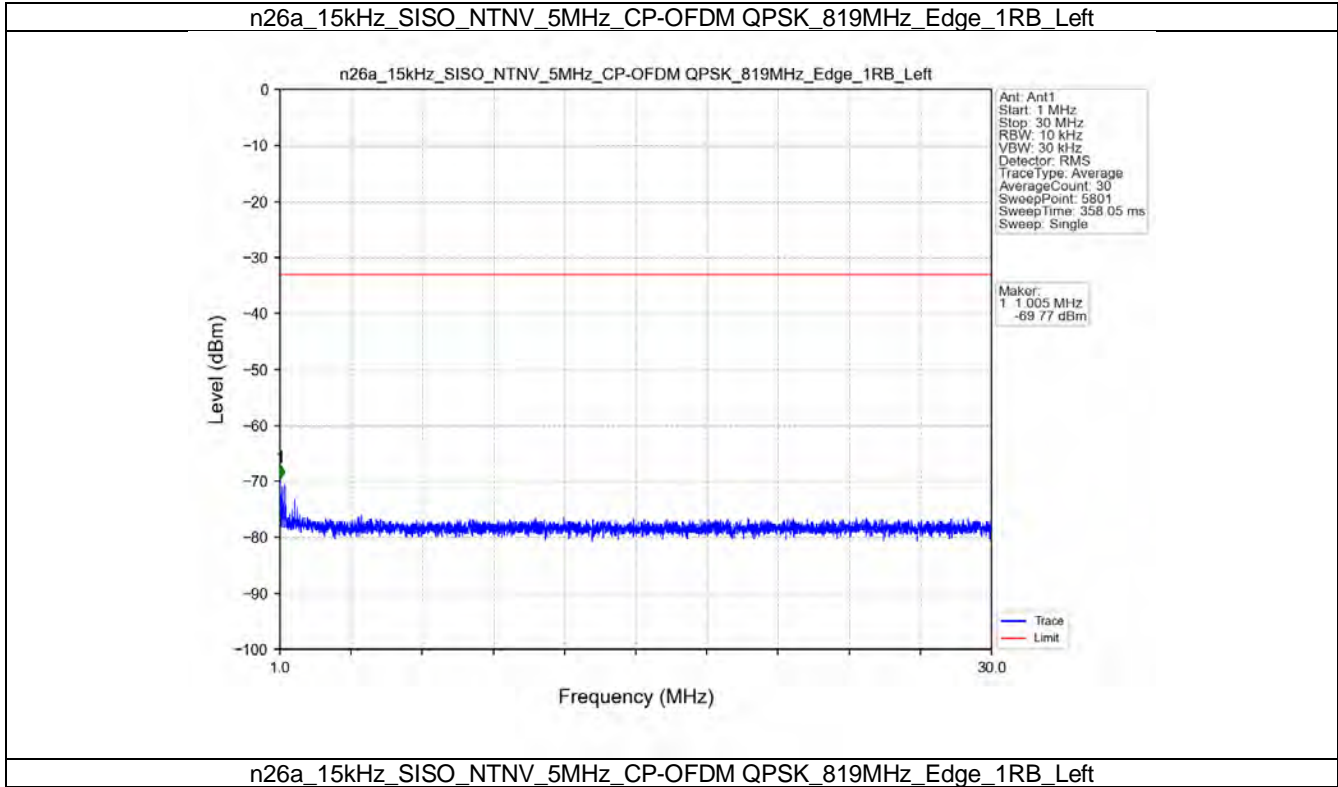
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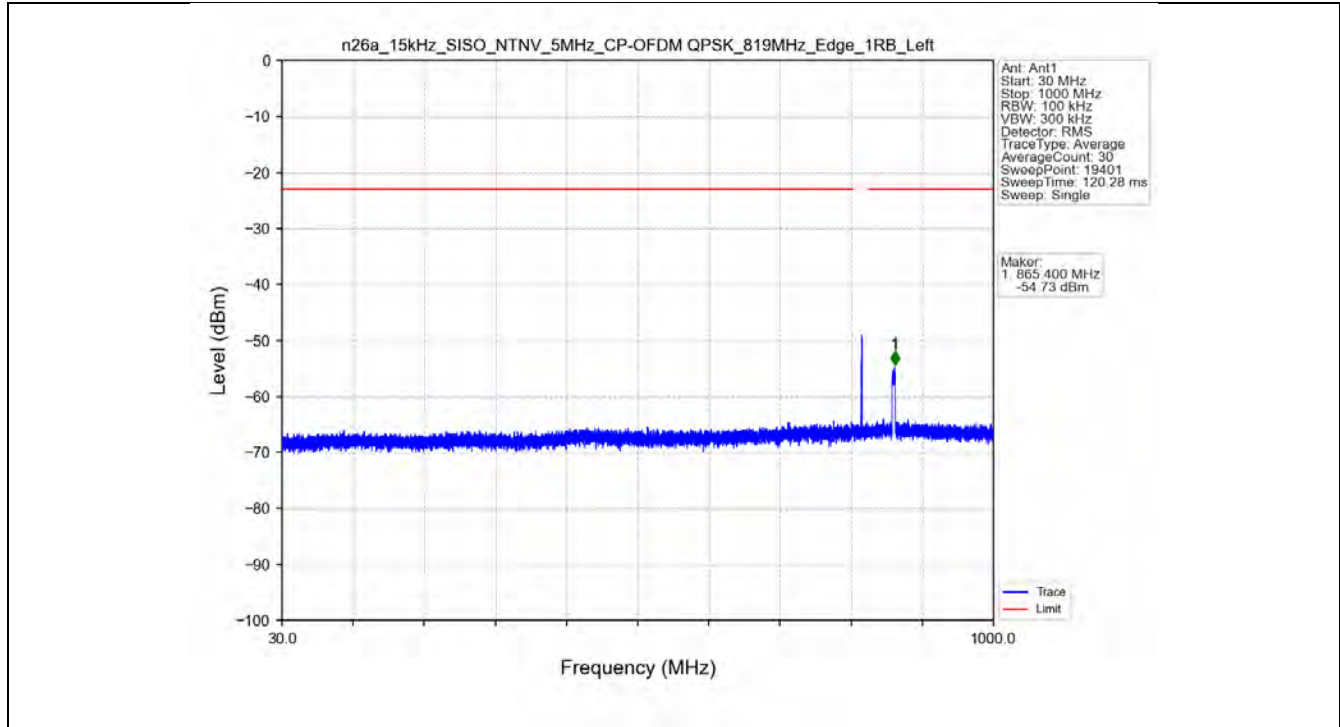
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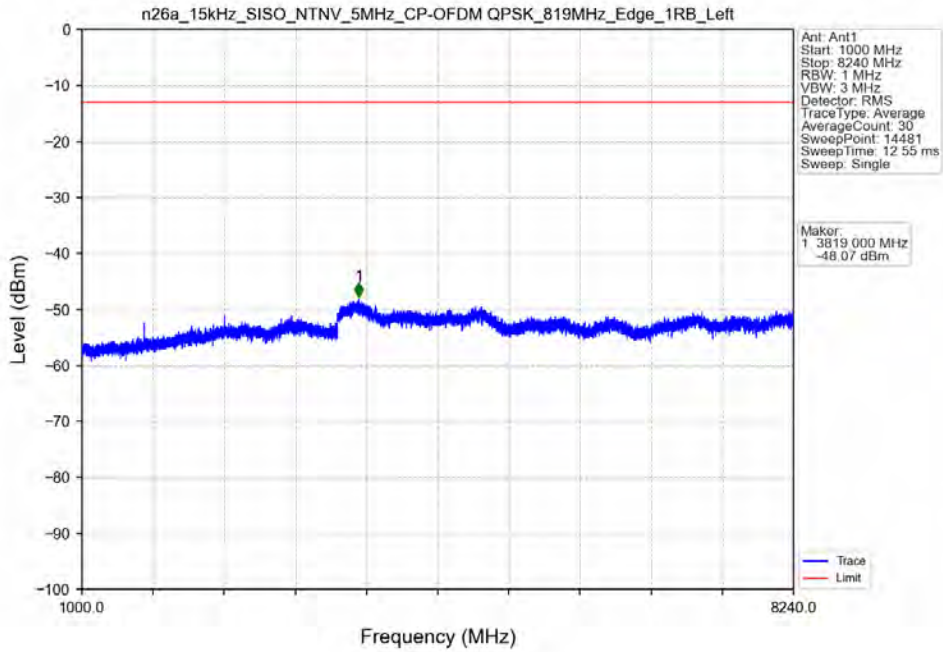
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n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_819MHz_Edge_1RB_Left



n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_821.5MHz_Edge_1RB_Right



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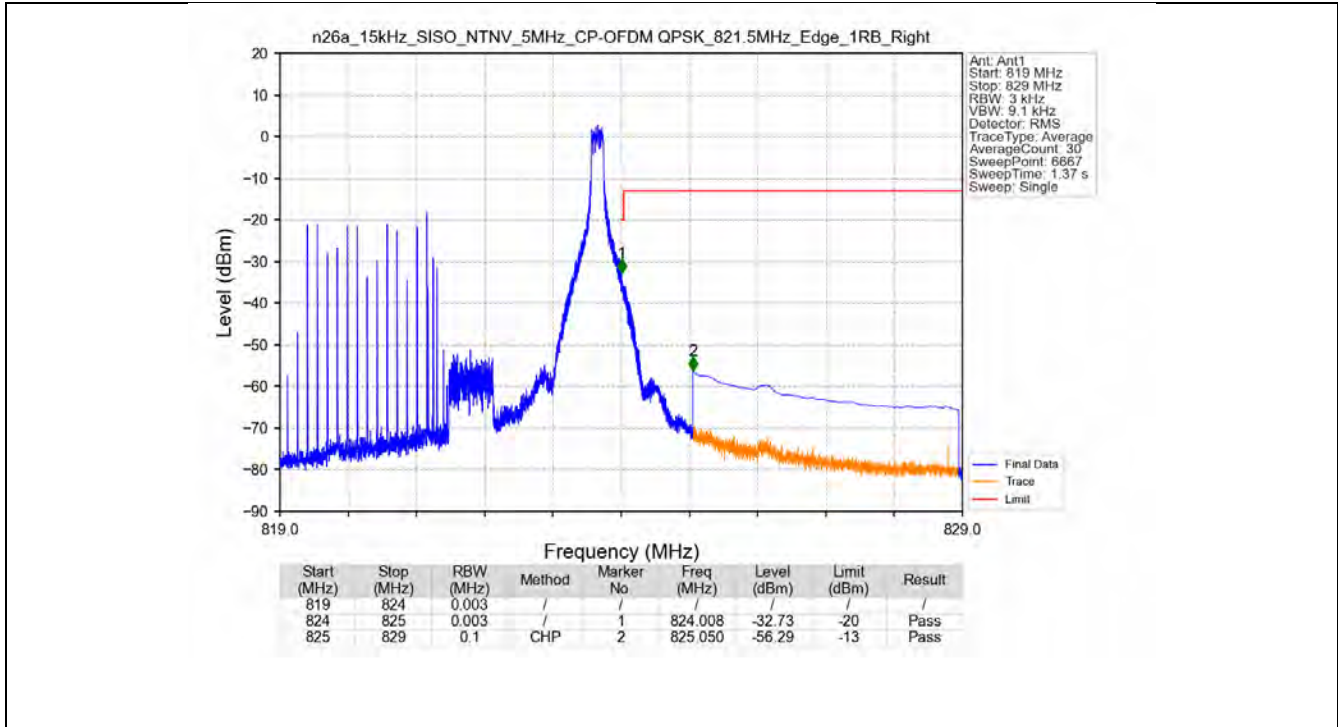
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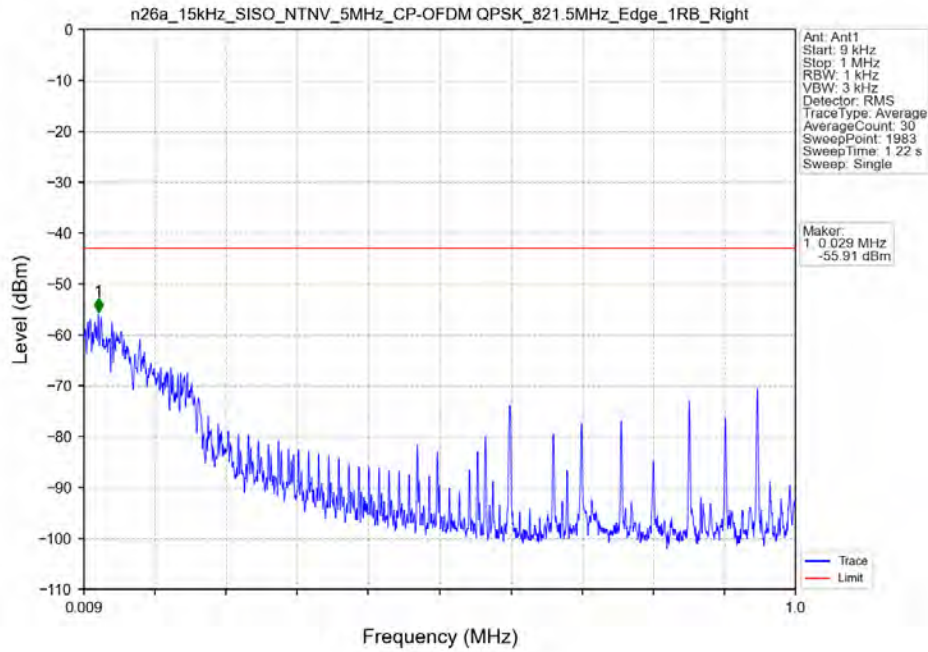
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n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_821.5MHz_Edge_1RB_Right



n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_821.5MHz_Edge_1RB_Right



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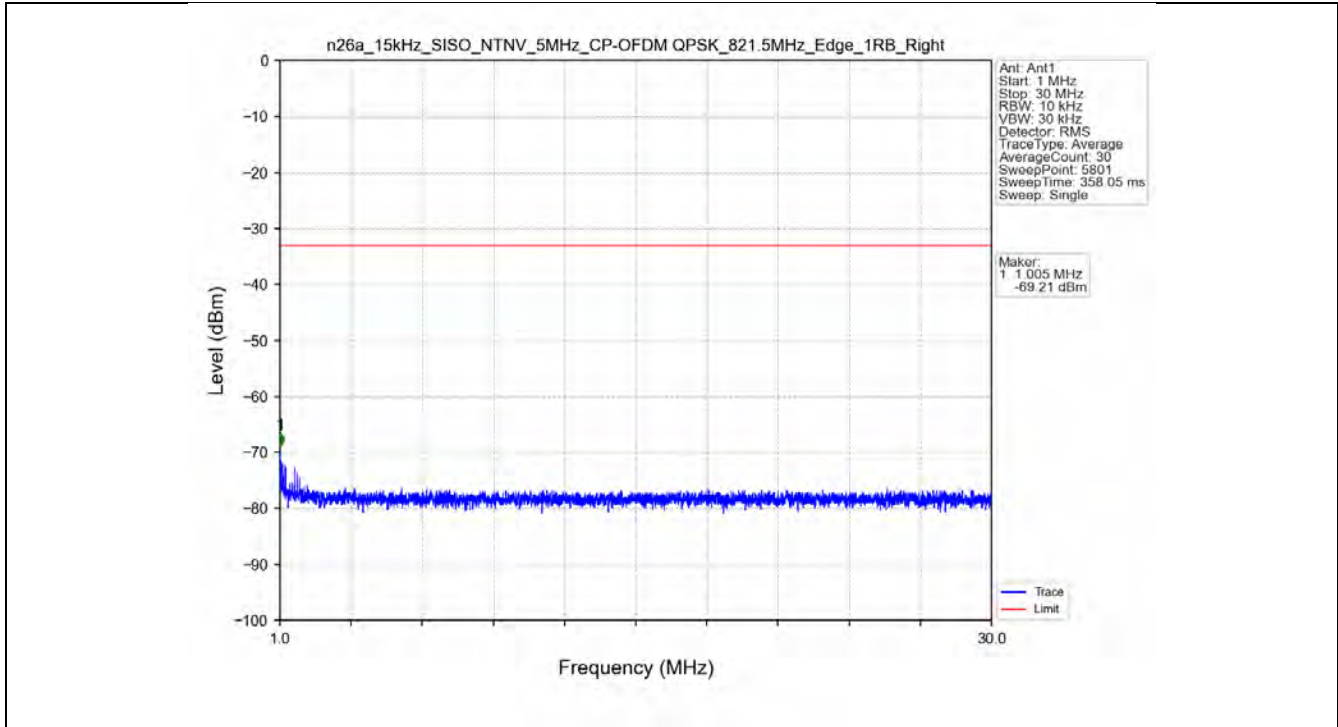
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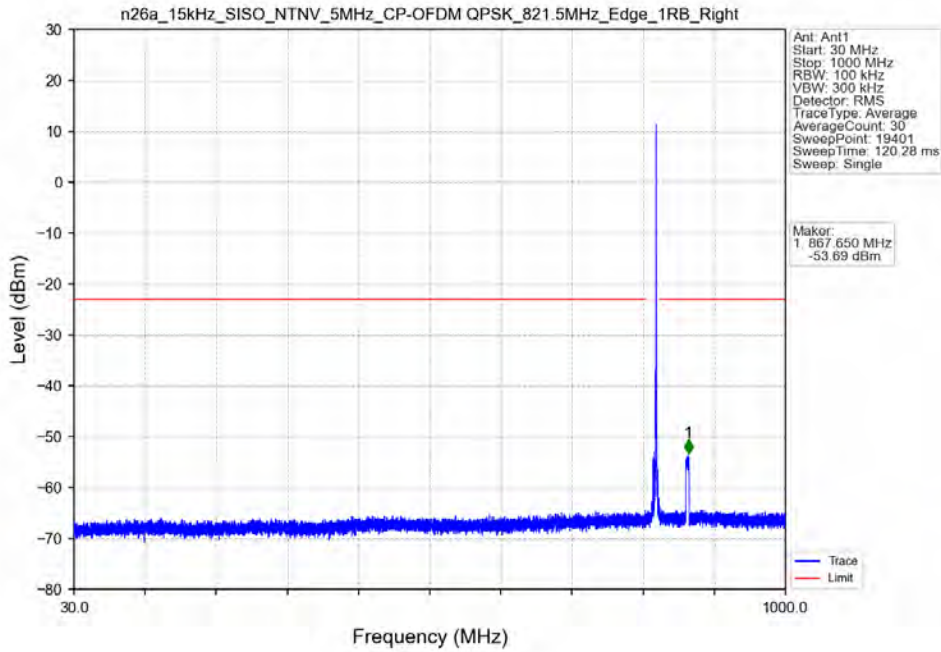
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n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_821.5MHz_Edge_1RB_Right



n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_821.5MHz_Edge_1RB_Right



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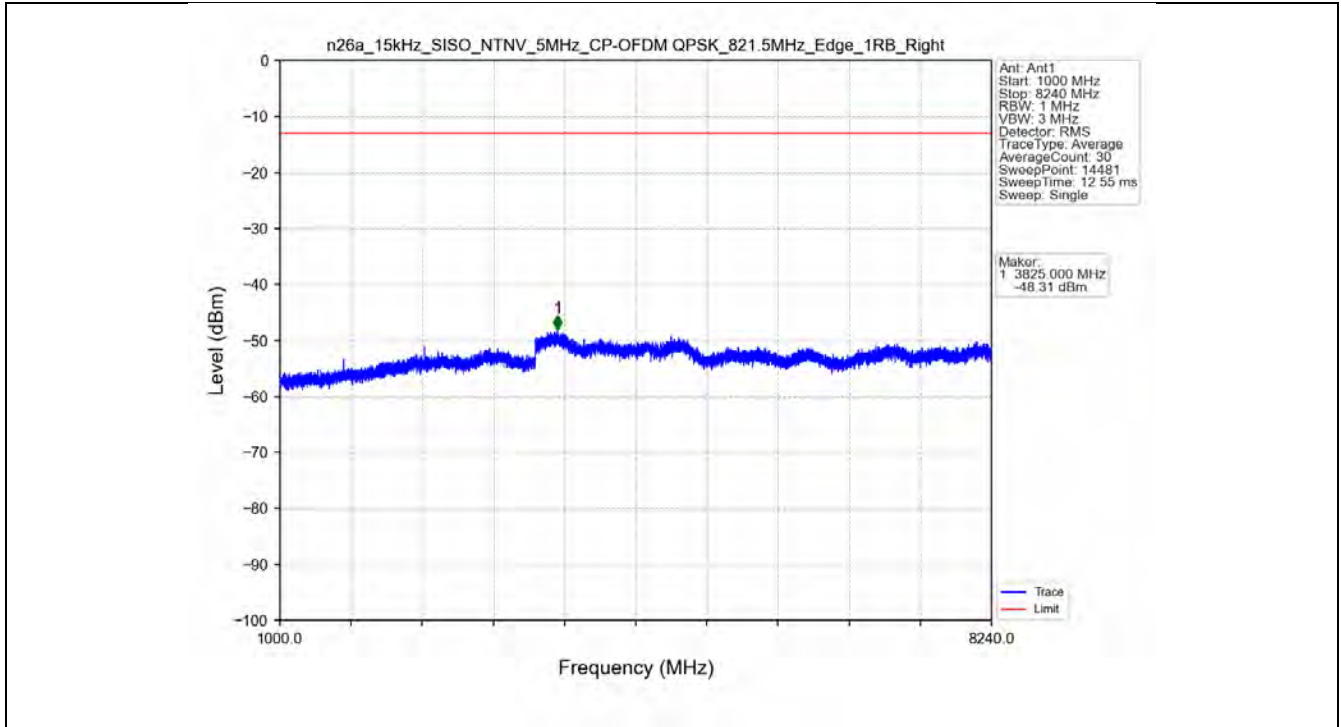
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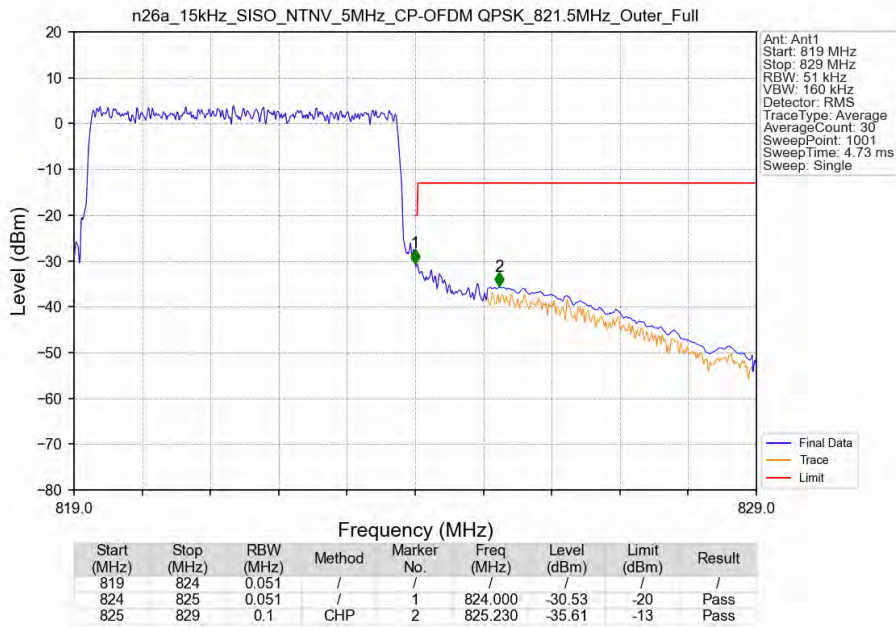
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n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_821.5MHz_Outer_Full



n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_821.5MHz_Inner_1RB_Right



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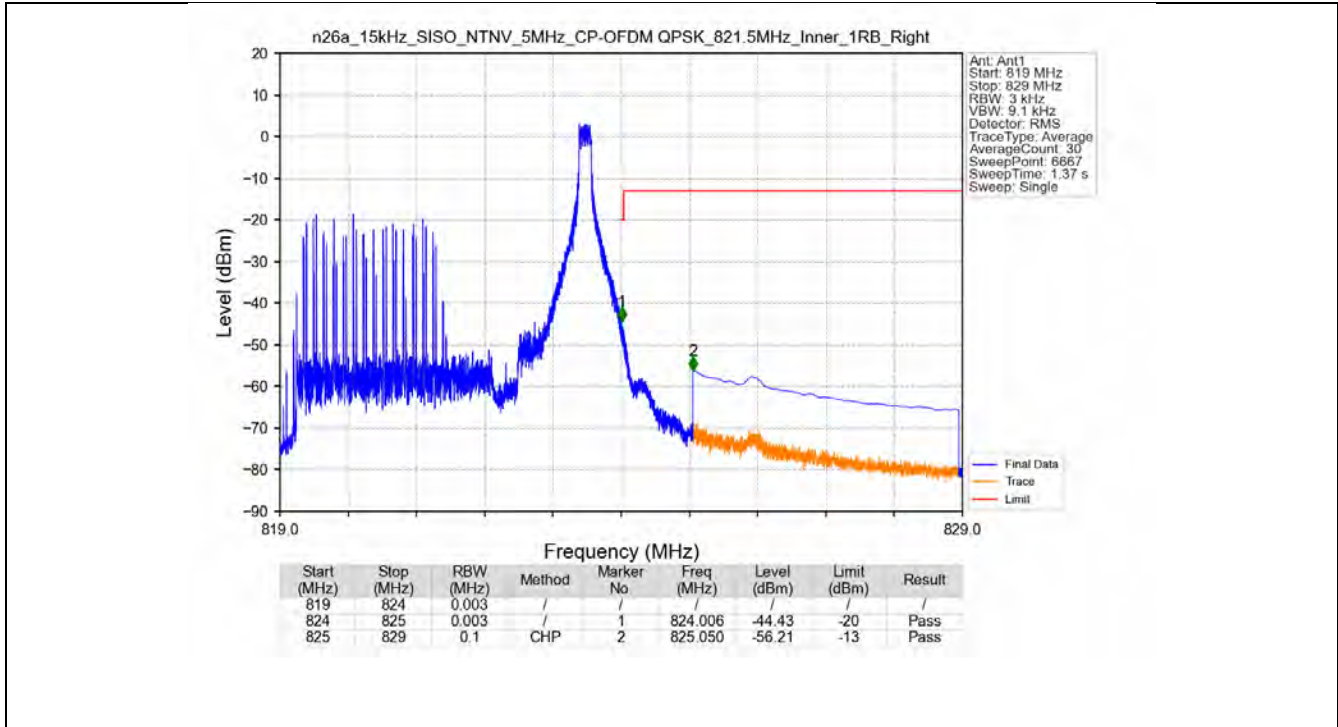
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5.2 15k_SISO_10MHz_NTNV

5.2.1 Test Result

5G NR n26a SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	819	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	819	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	819	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	819	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
CP-OFDM QPSK	819	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	819	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
819	Inner_1RB_Right	Refer To Test Graph			Pass	



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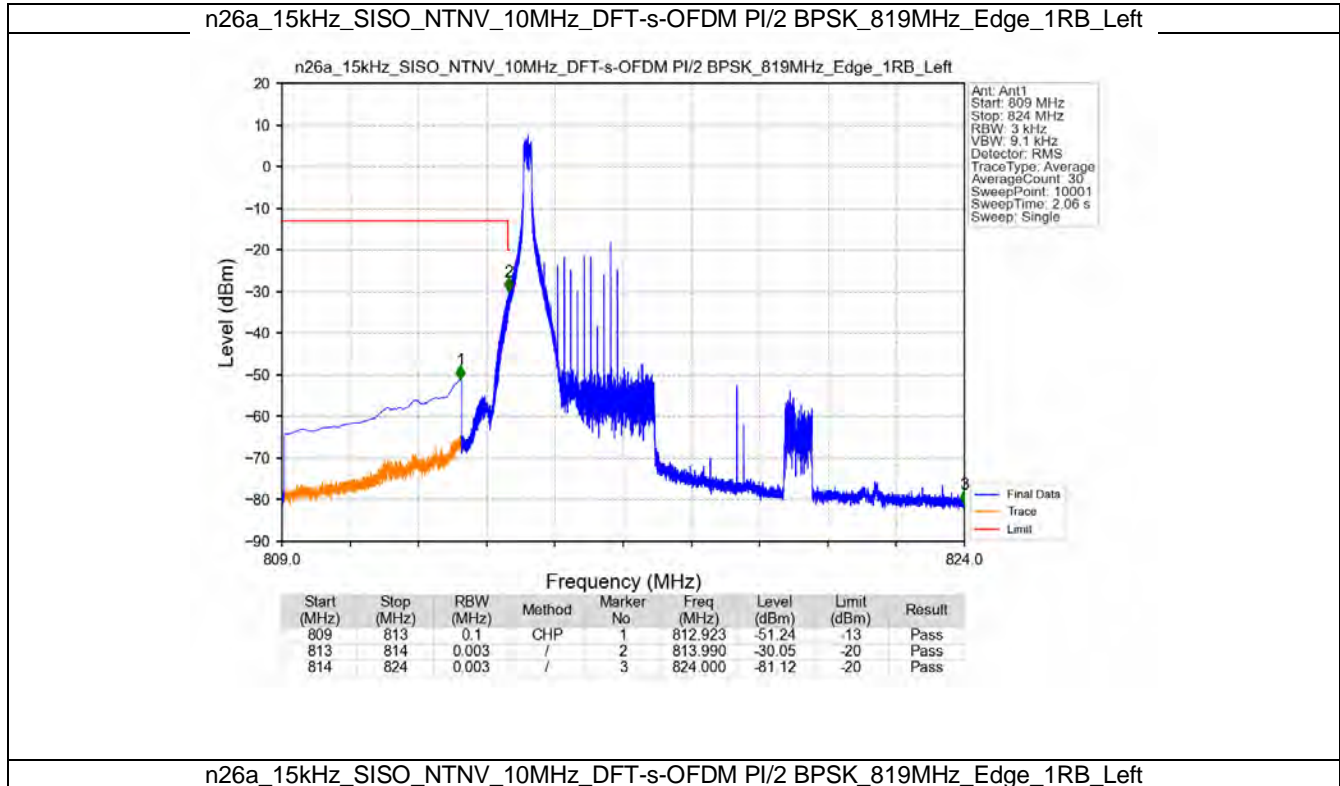
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5.2.2 Test Graph



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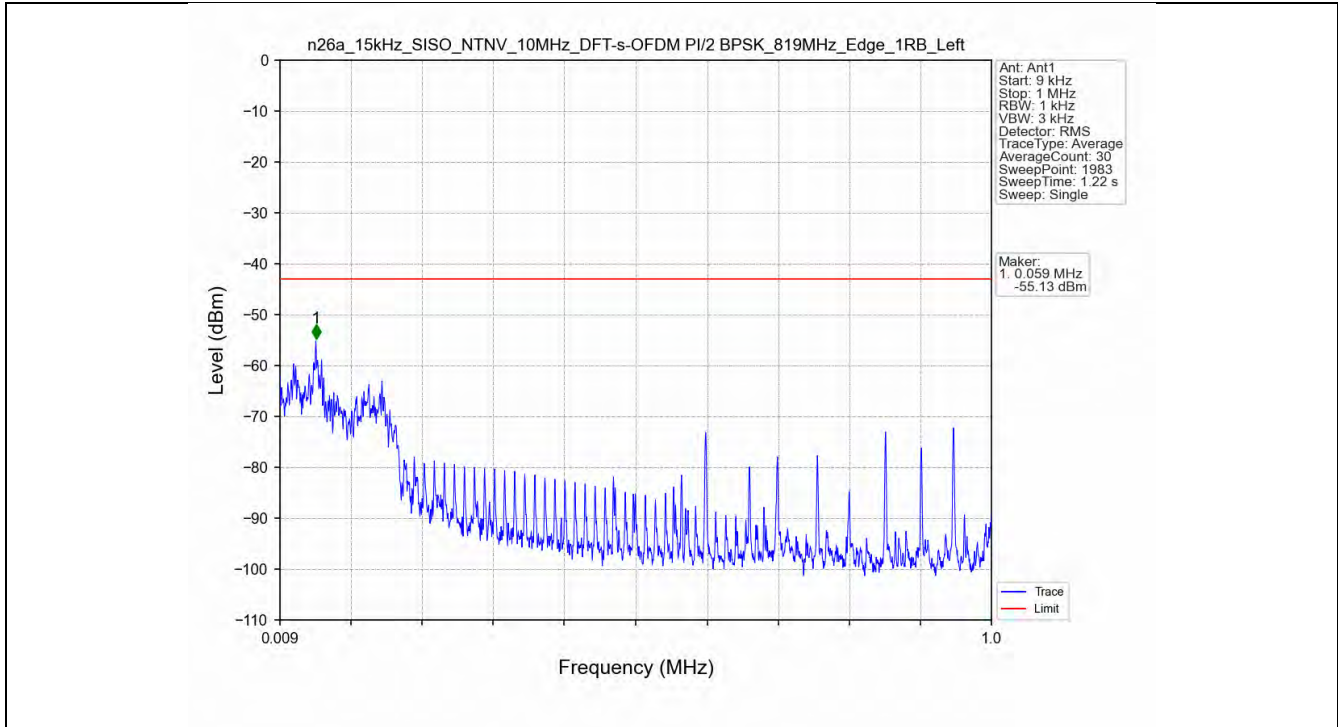
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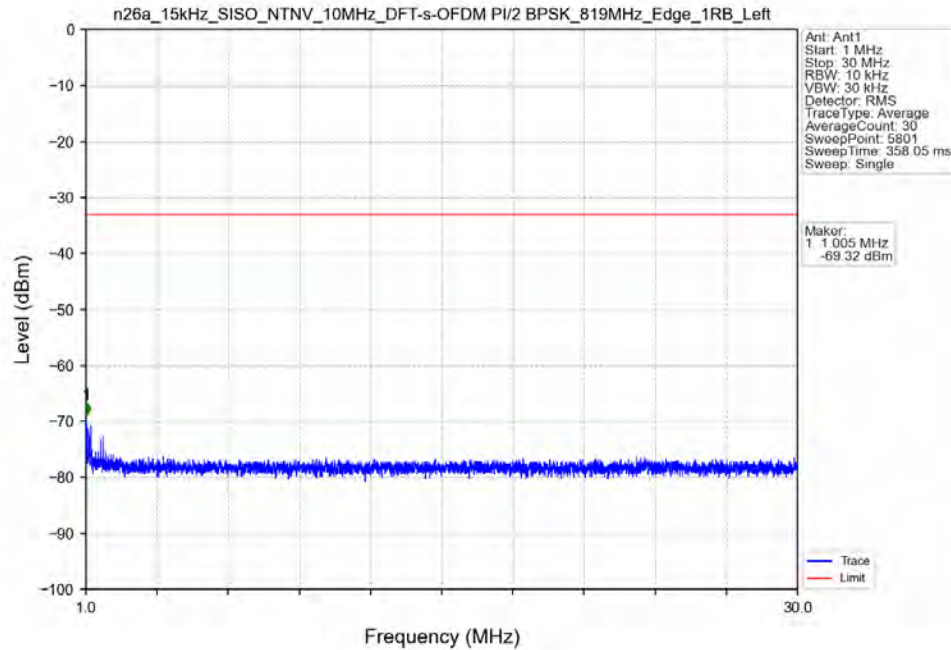
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Edge_1RB_Left



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Edge_1RB_Left



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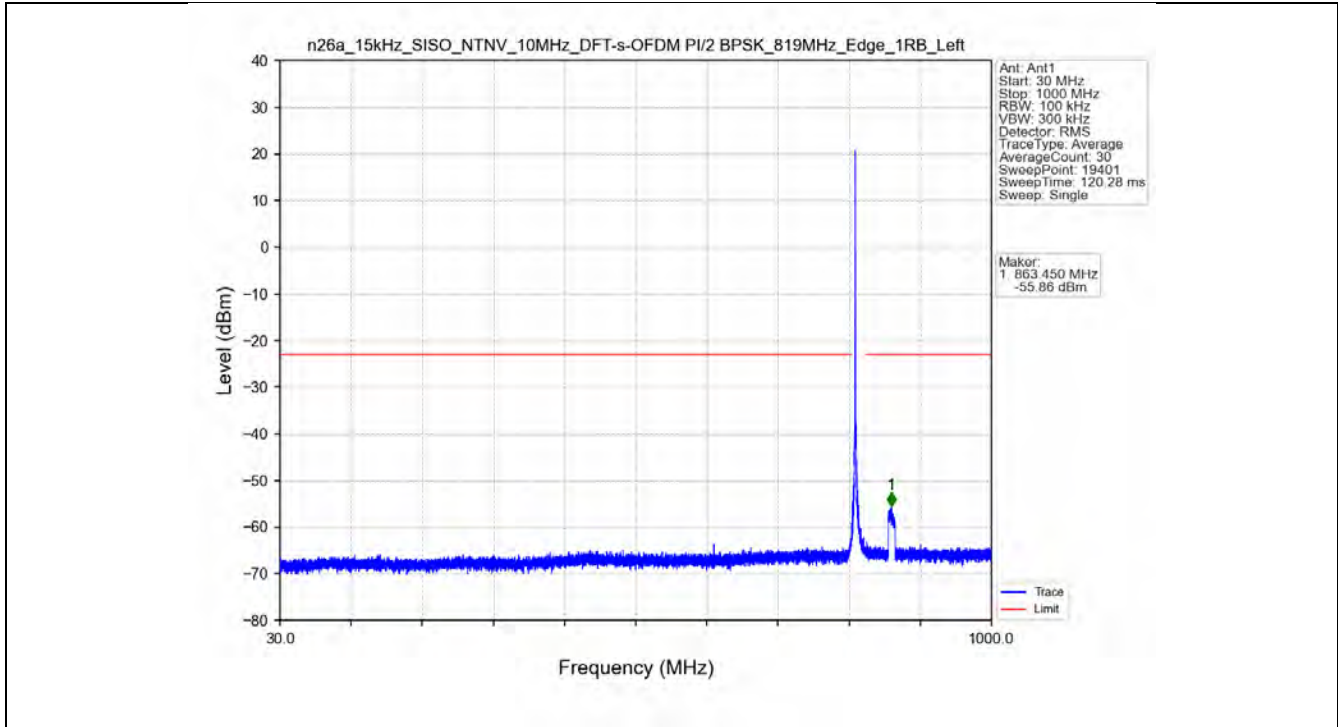
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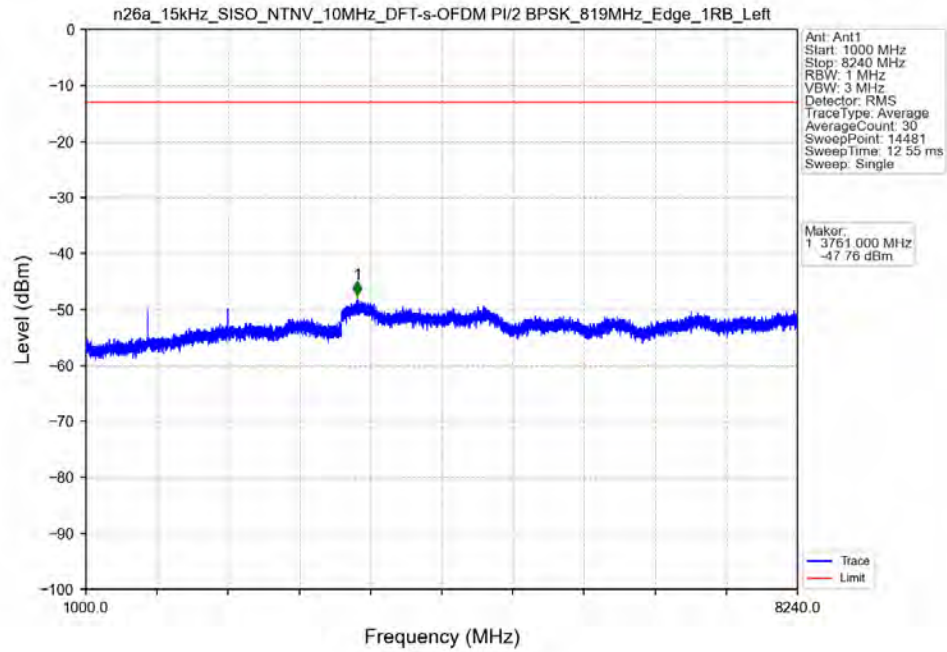
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Edge_1RB_Left



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Outer_Full



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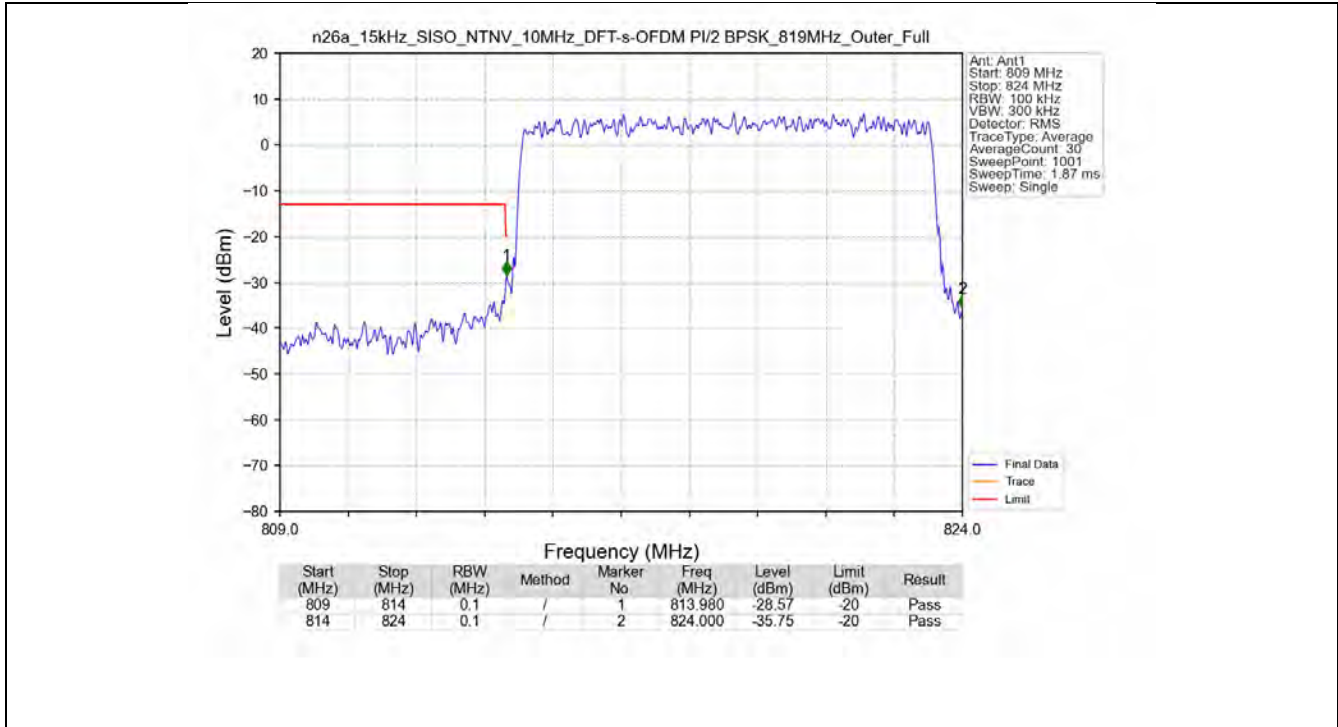
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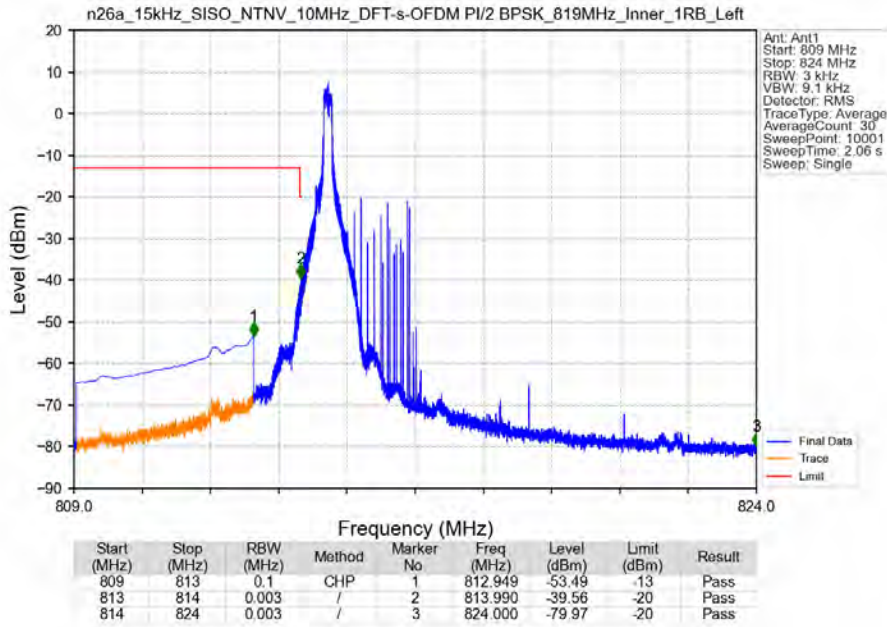
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Inner_1RB_Left



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Edge_1RB_Left



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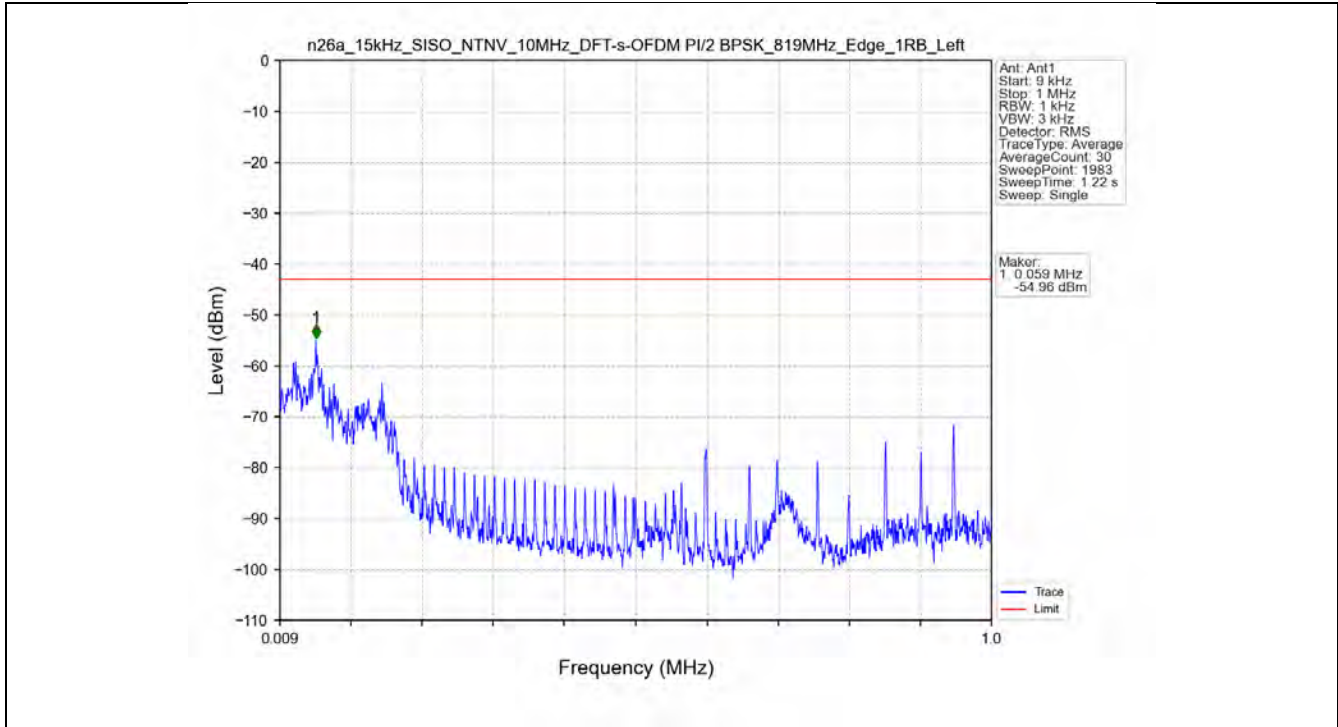
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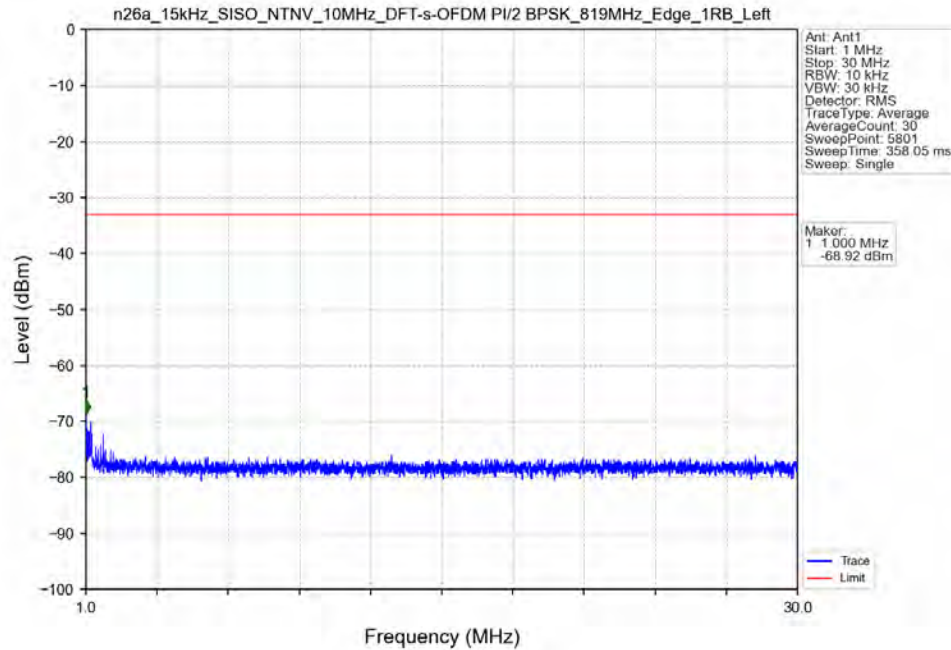
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_819MHz_Edge_1RB_Left



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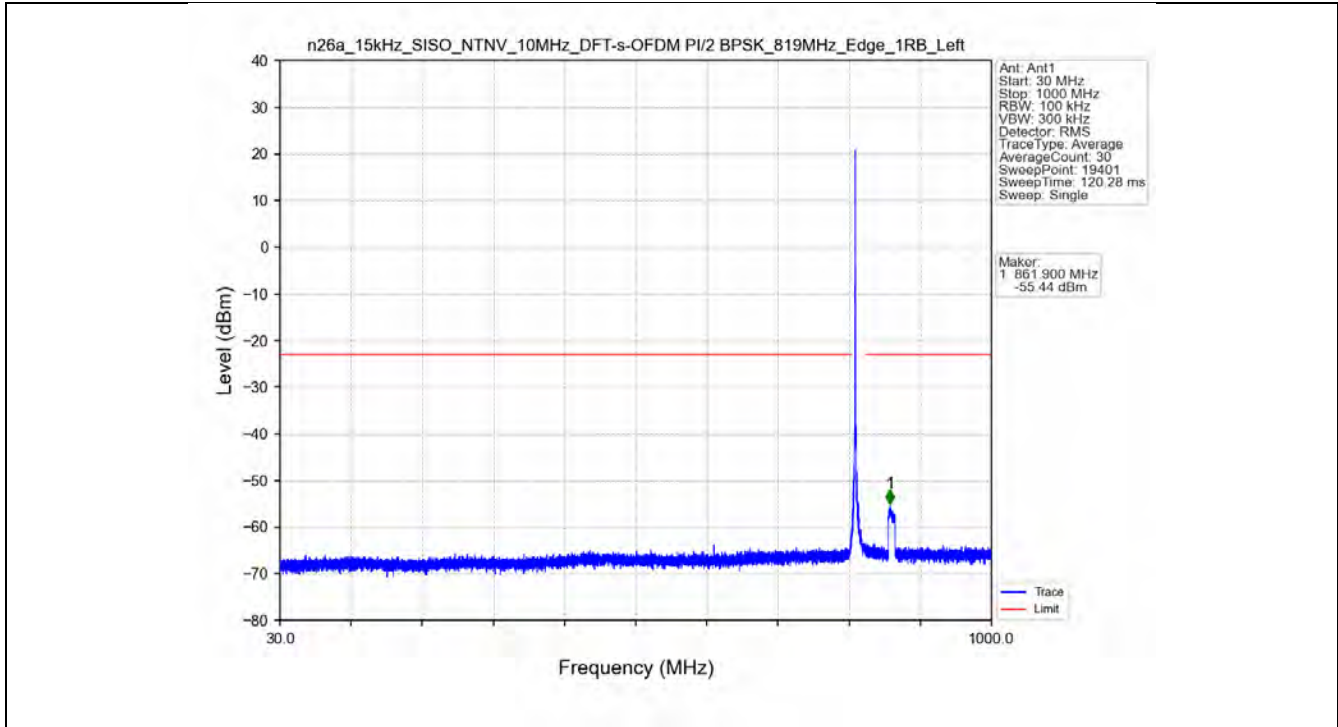
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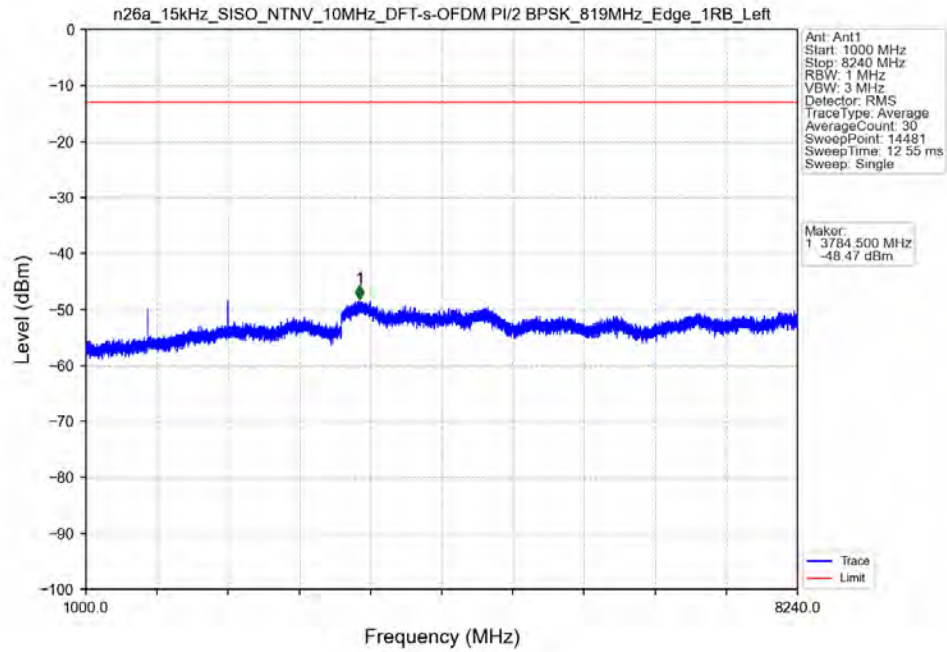
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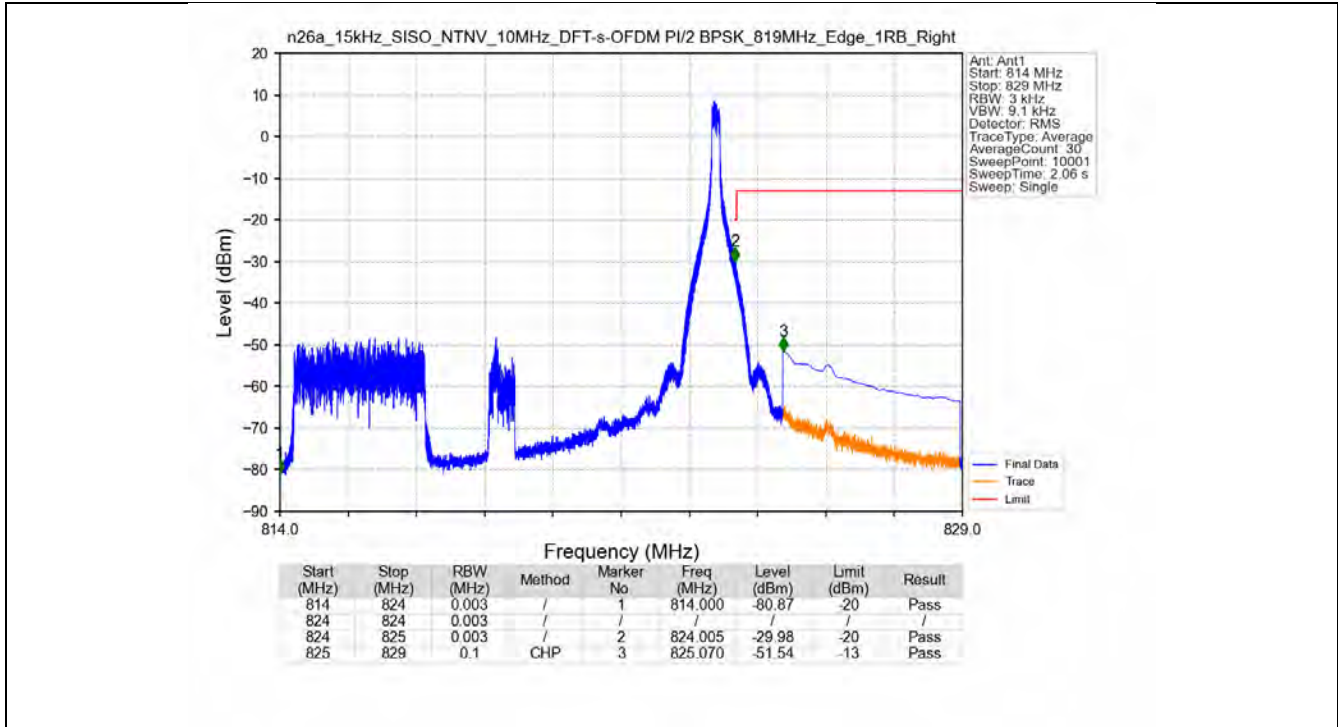
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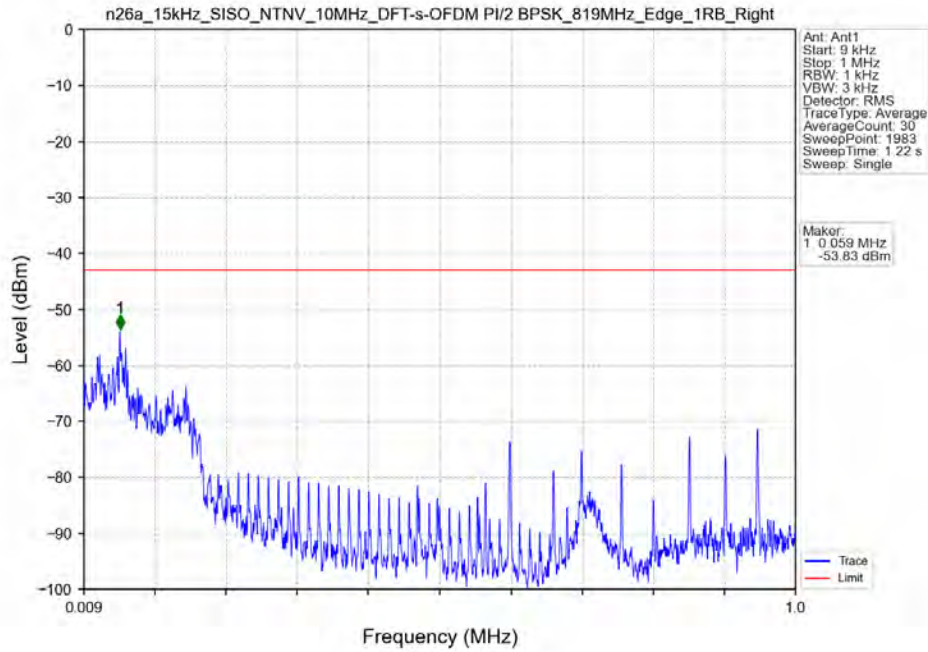
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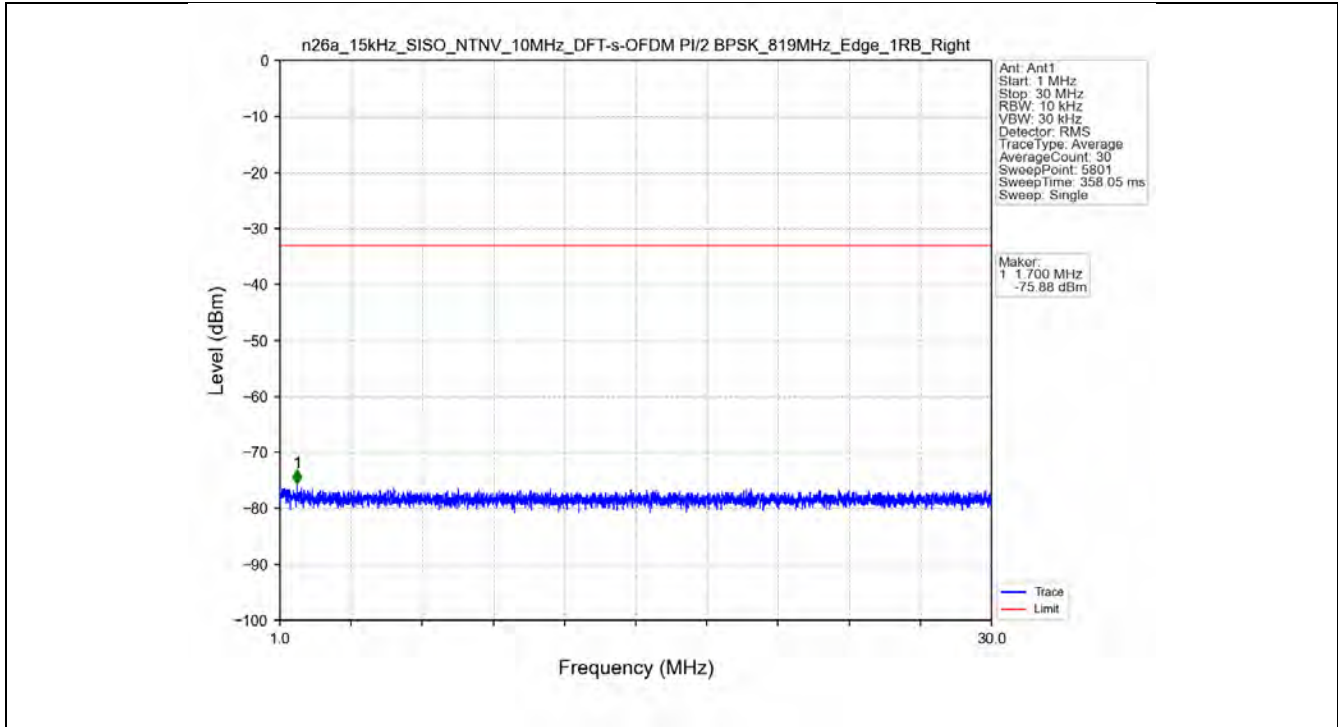
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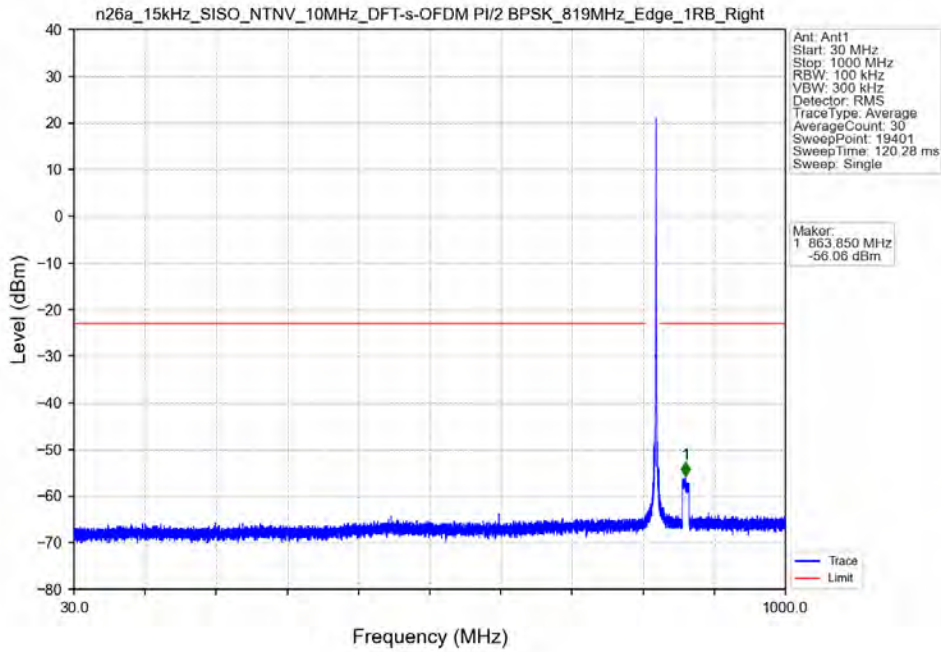
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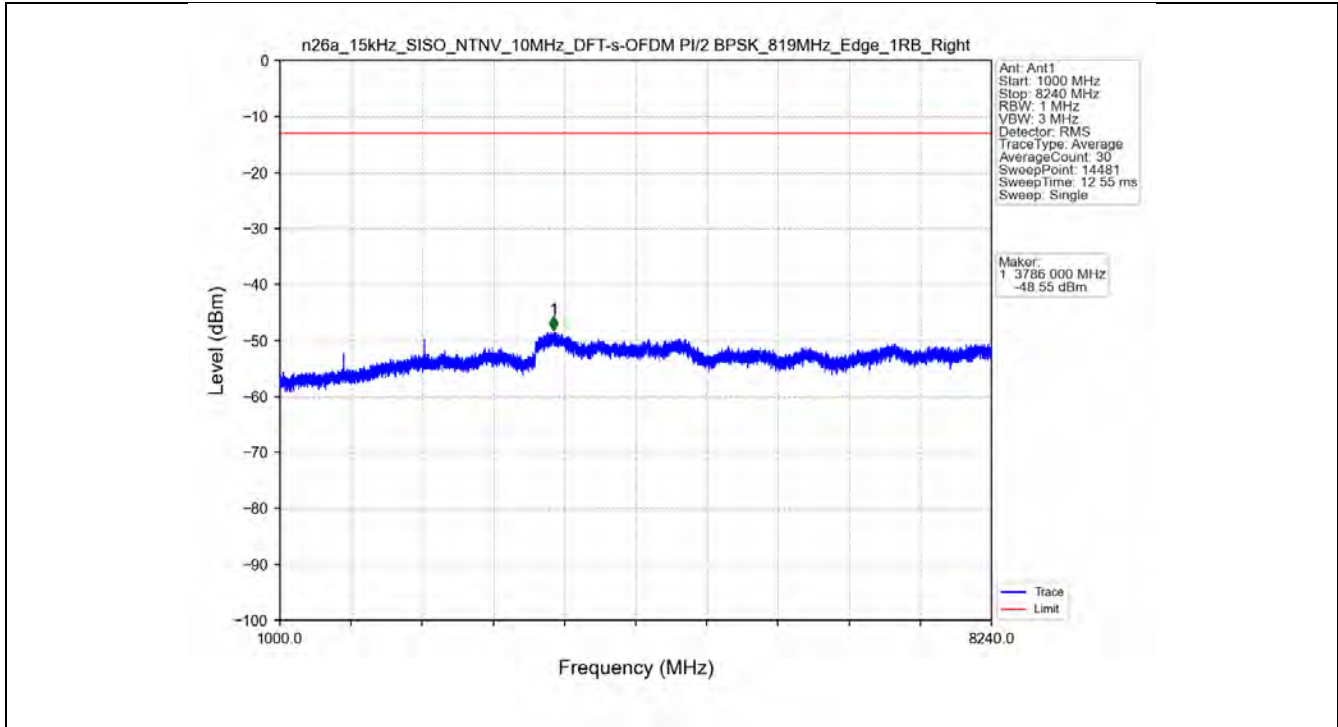
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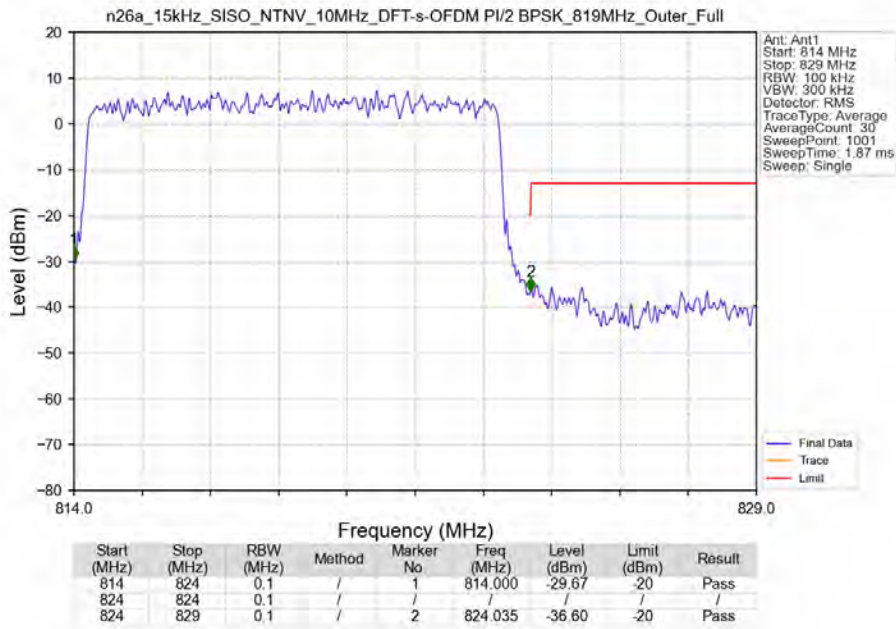
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Outer_Full



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Inner_1RB_Right



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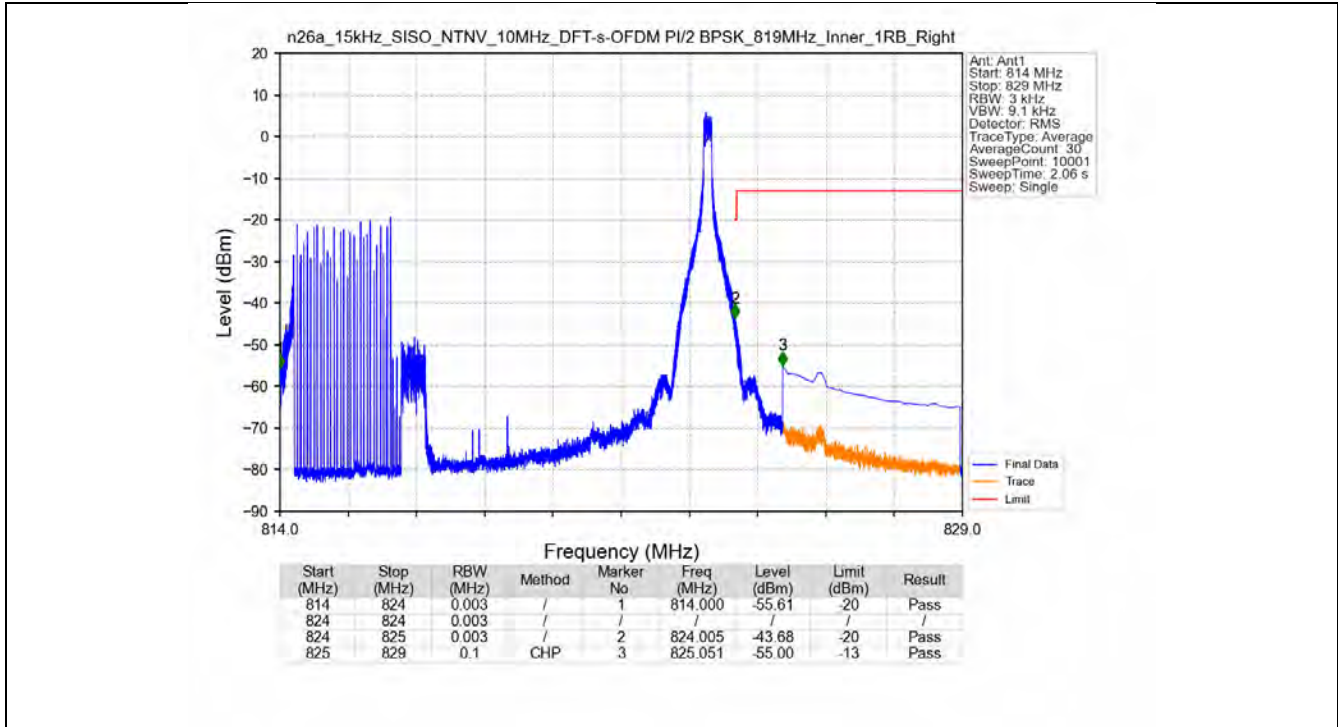
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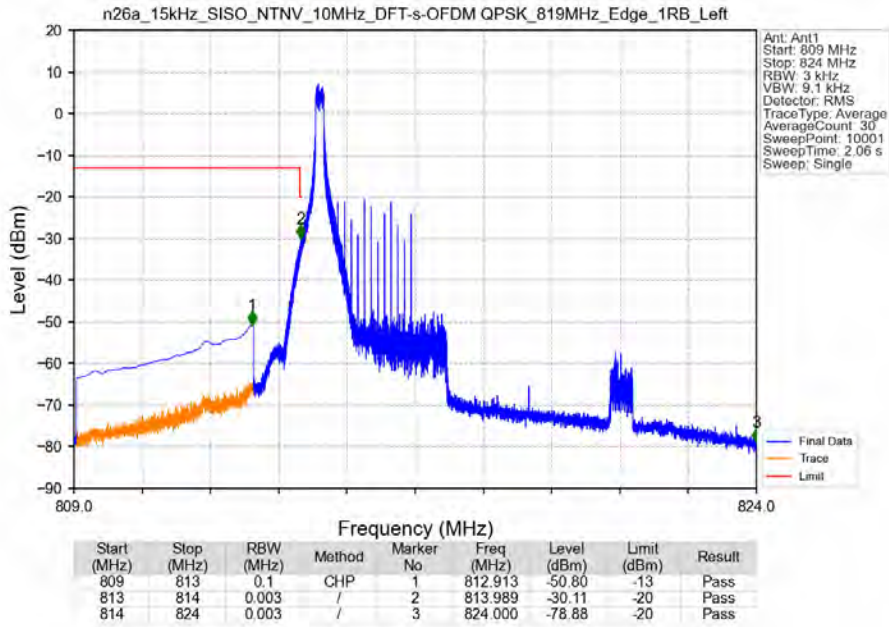
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Edge_1RB_Left



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Edge_1RB_Left



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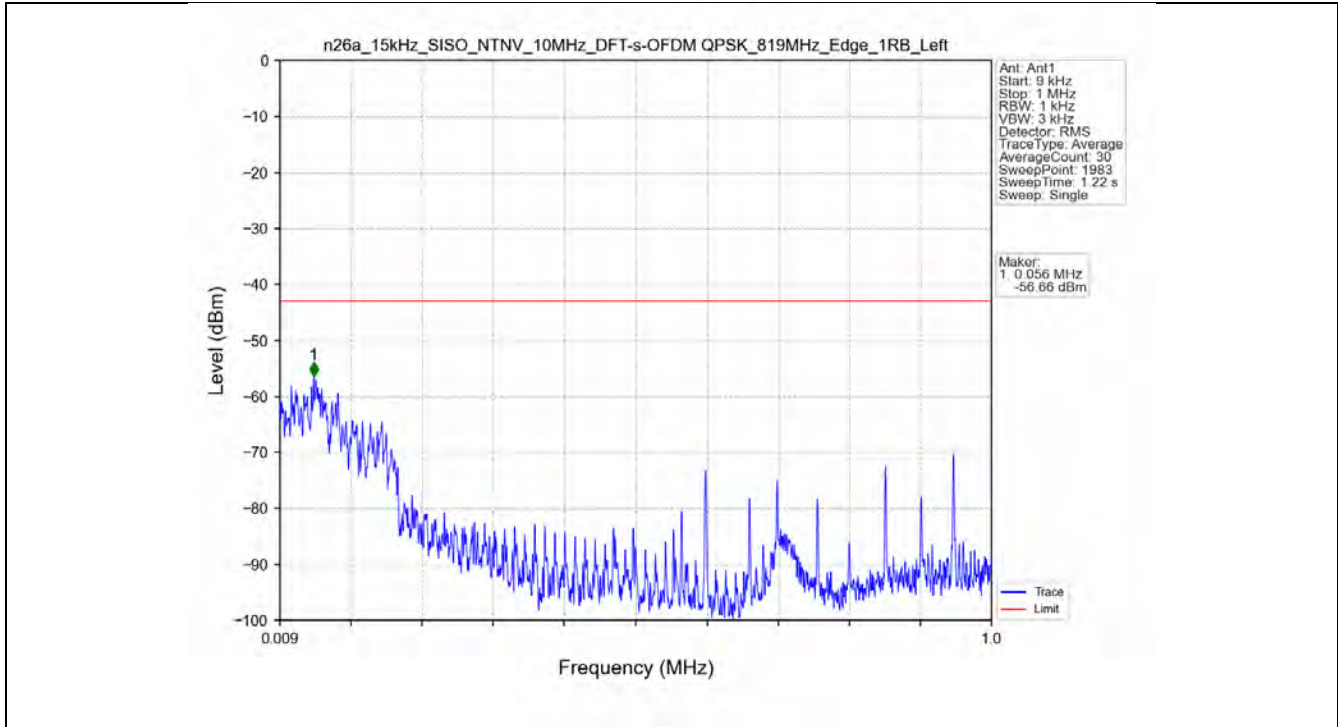
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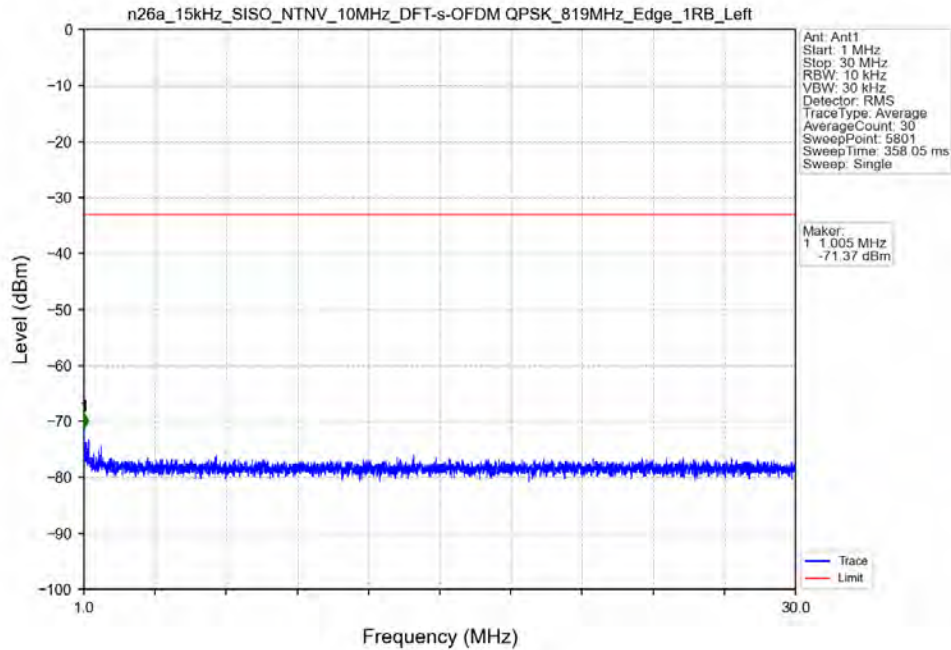
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Edge_1RB_Left



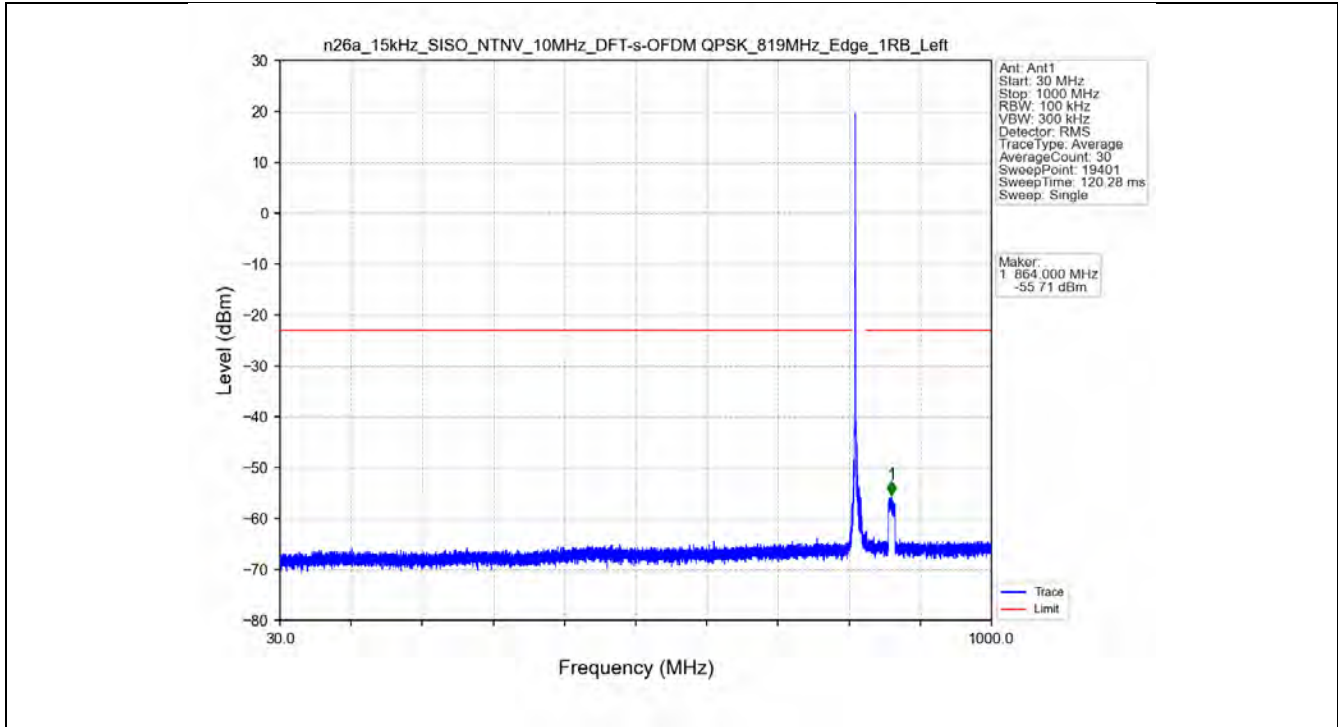
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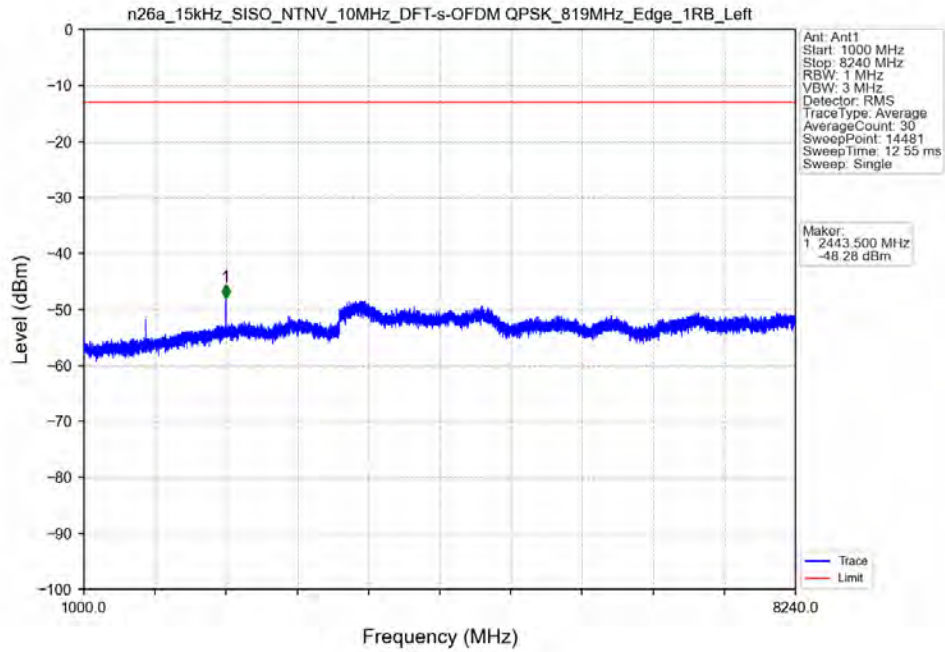
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Edge_1RB_Left



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Outer_Full



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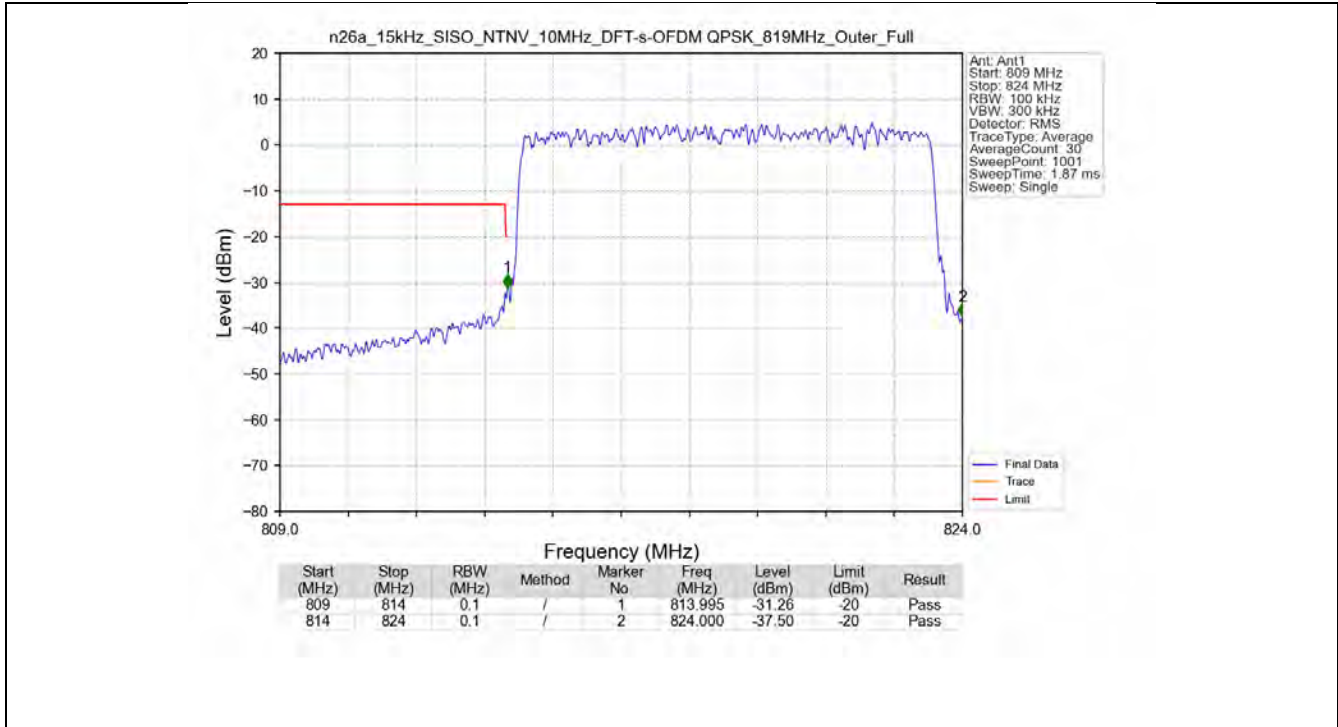
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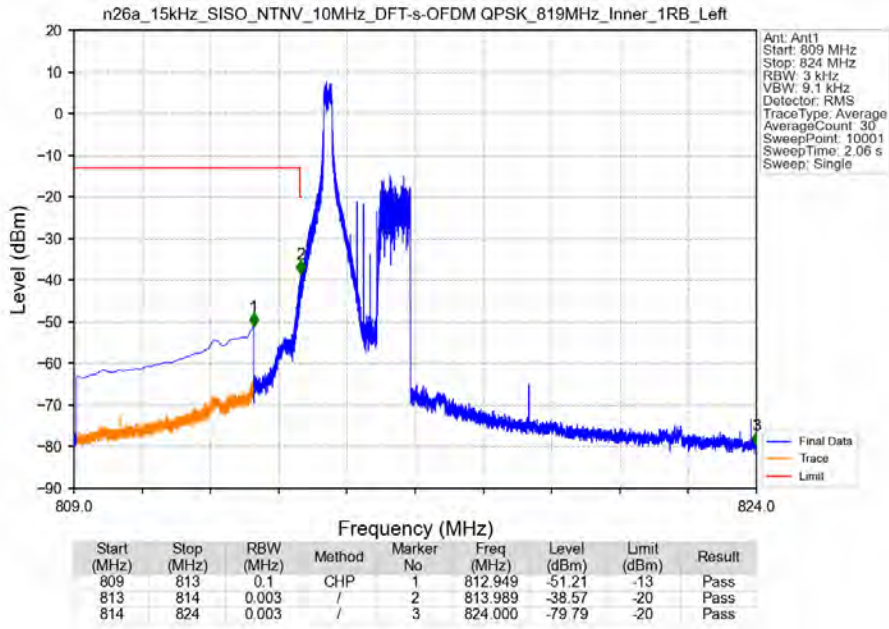
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Edge_1RB_Left



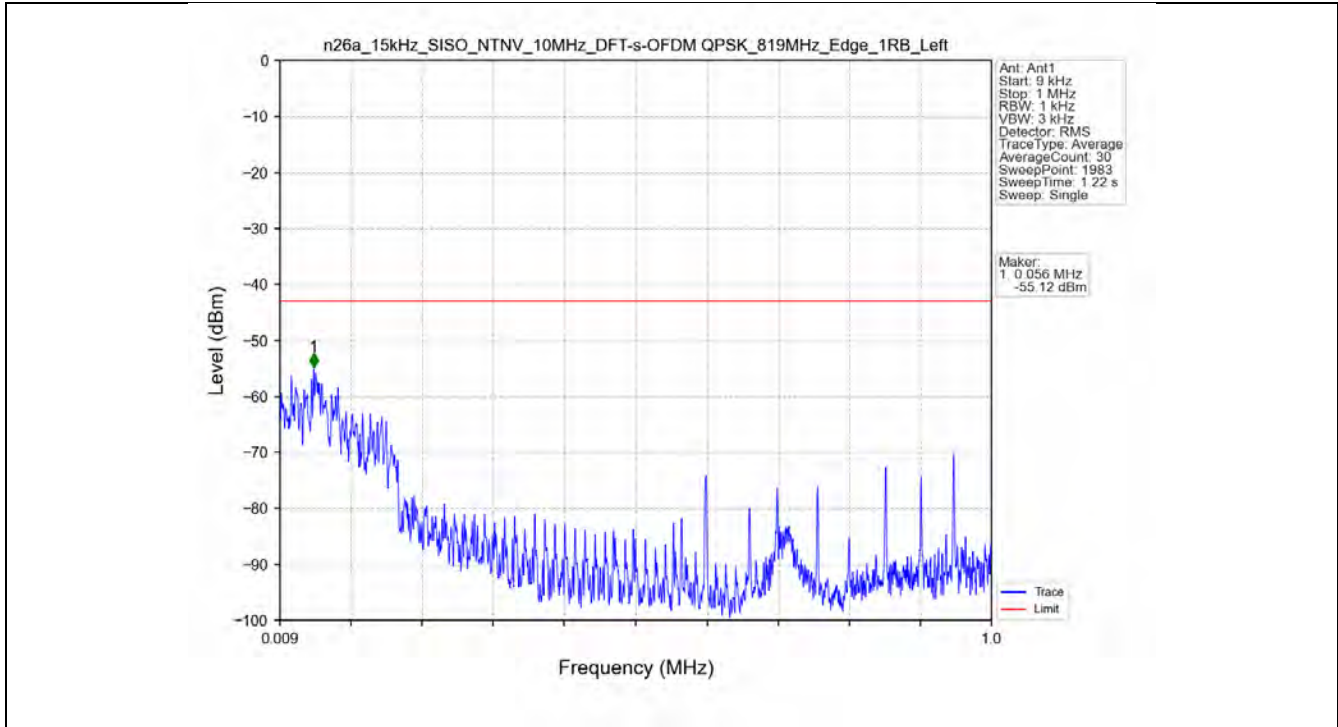
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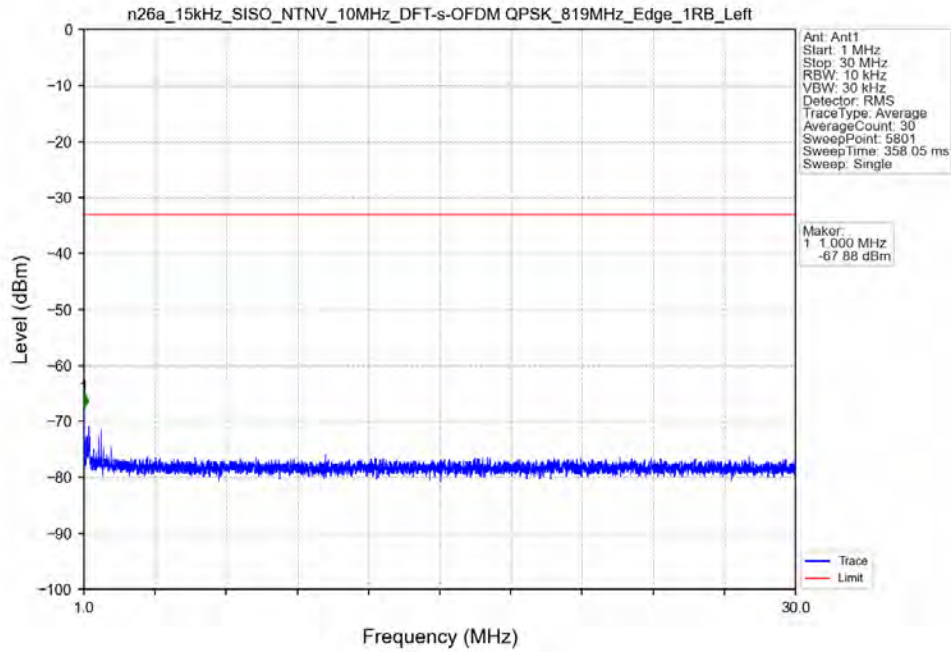
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Edge_1RB_Left



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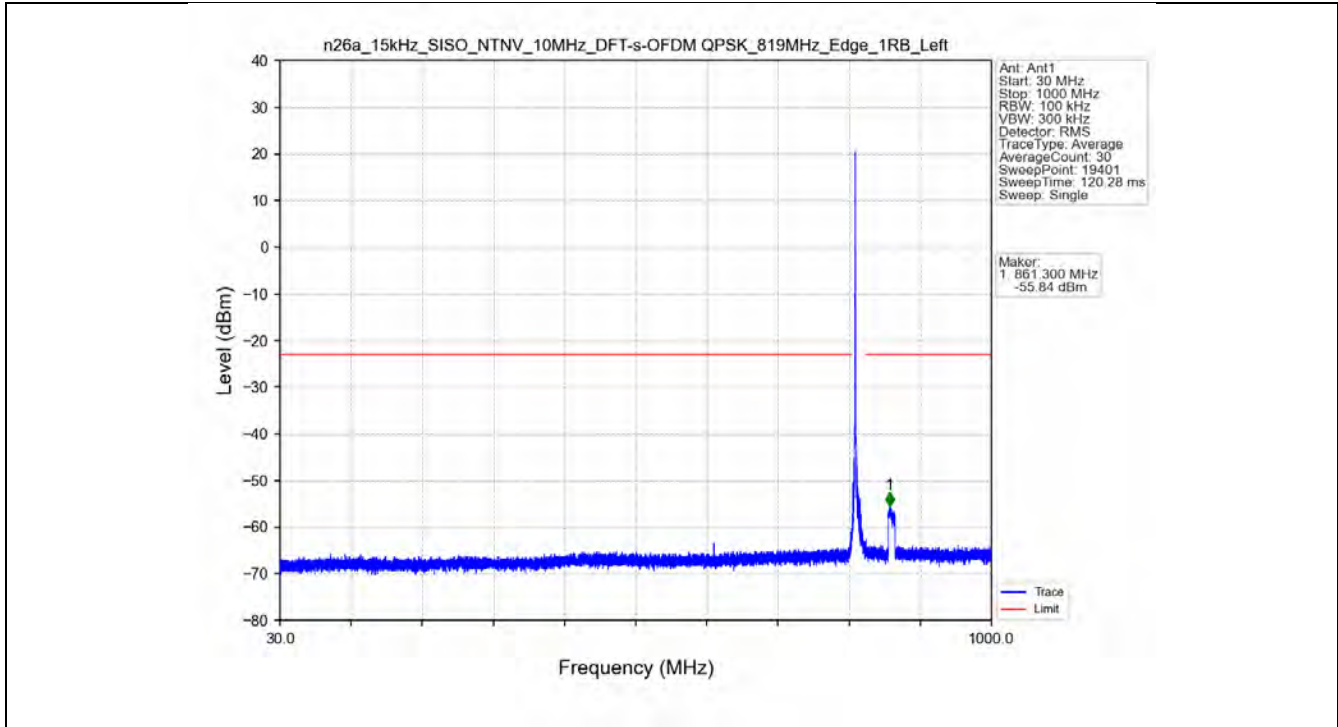
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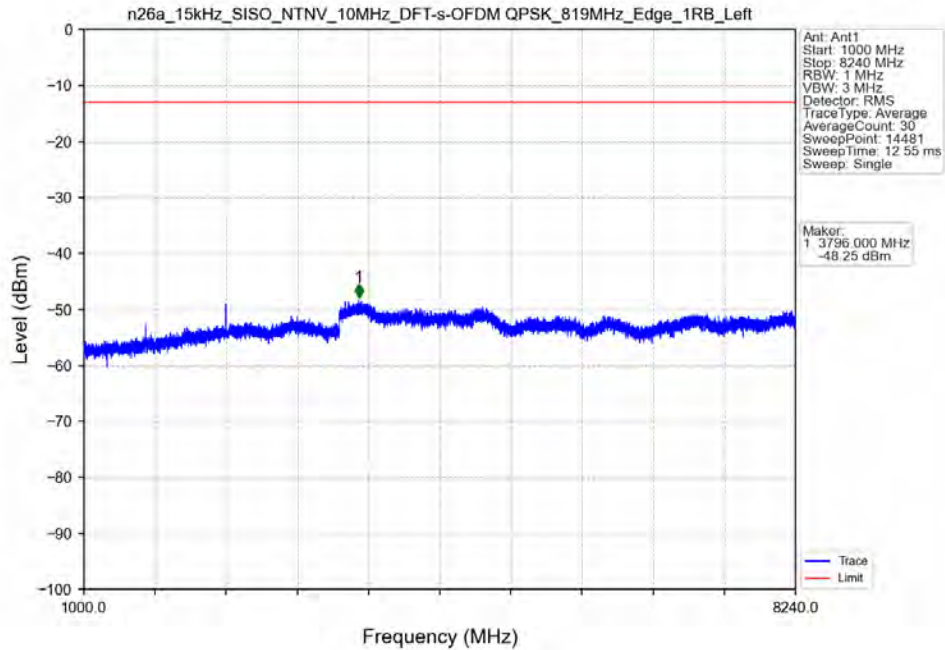
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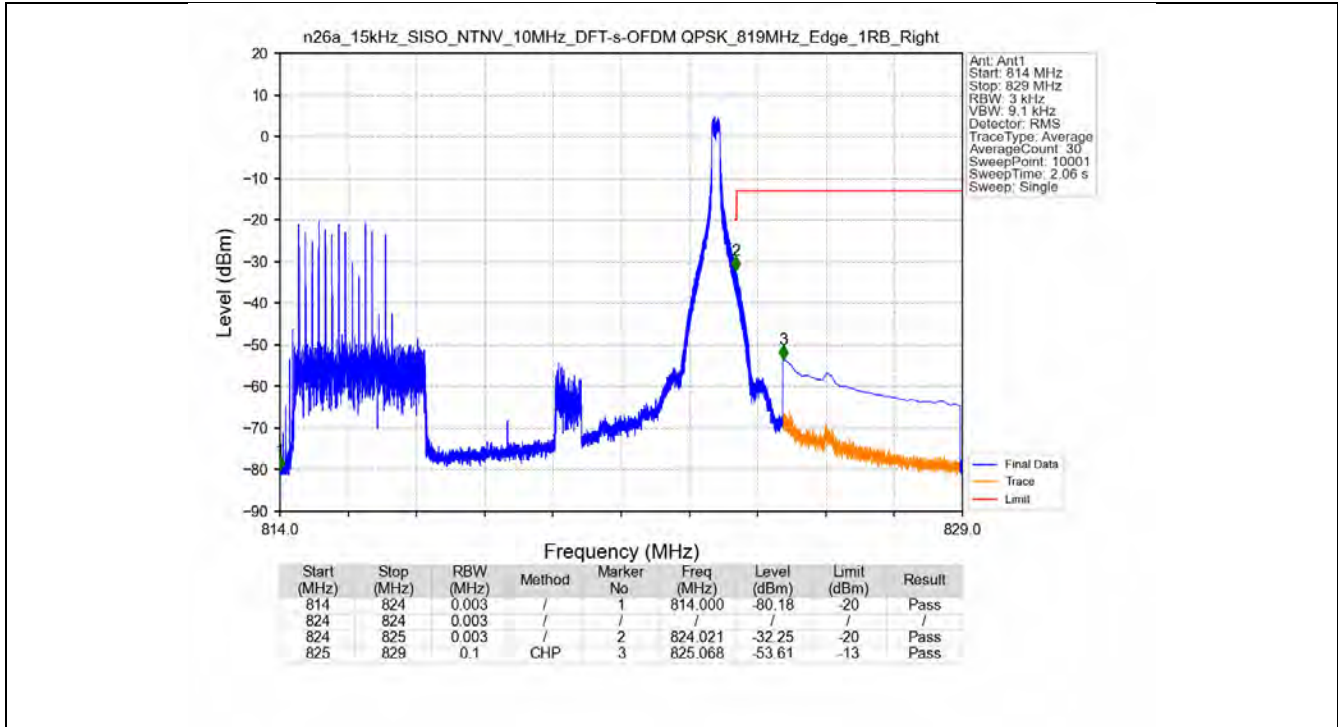
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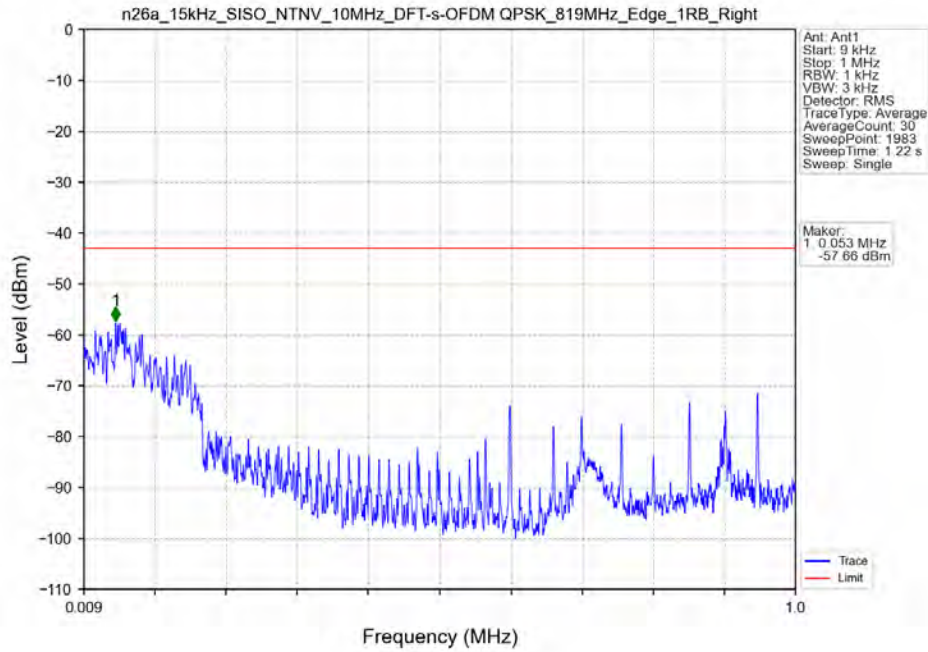
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Right



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Right



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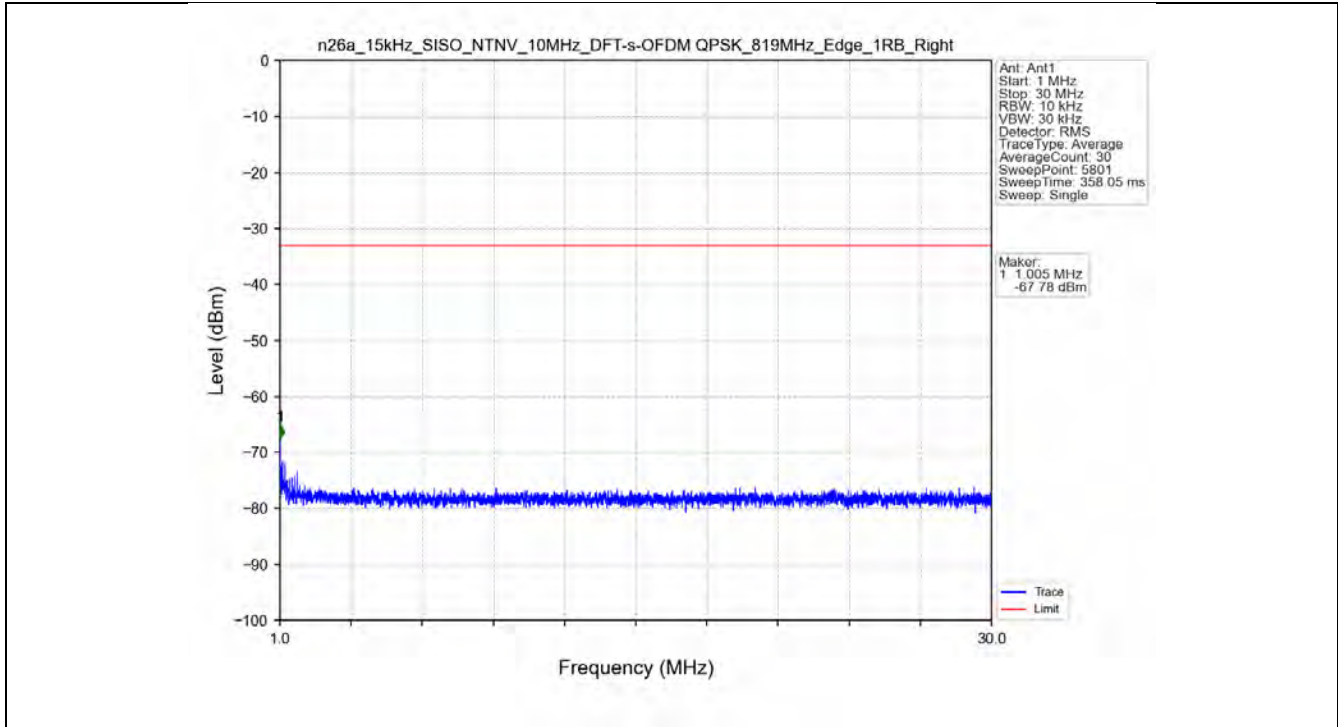
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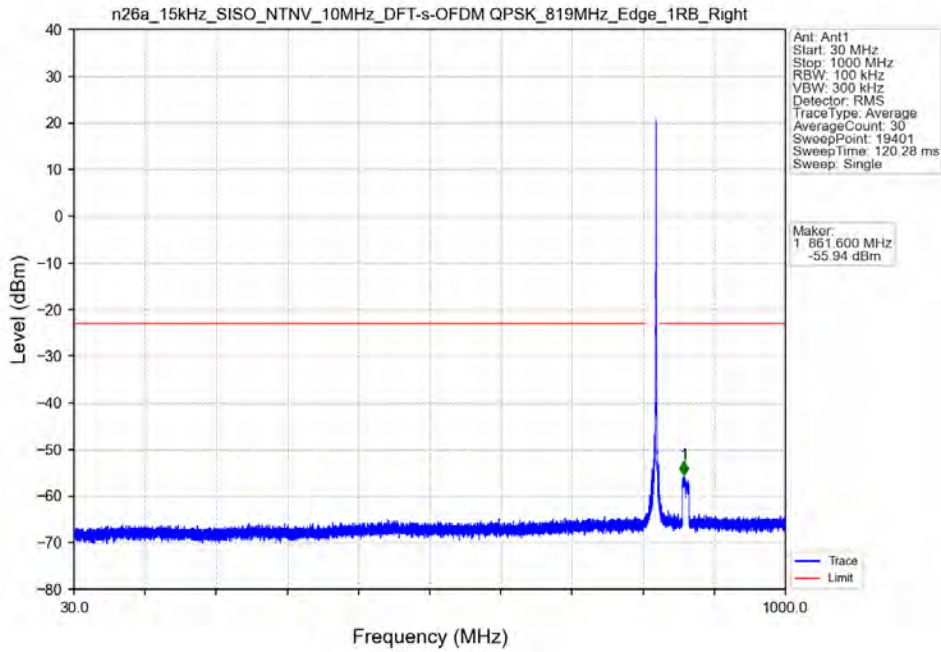
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Right



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Right



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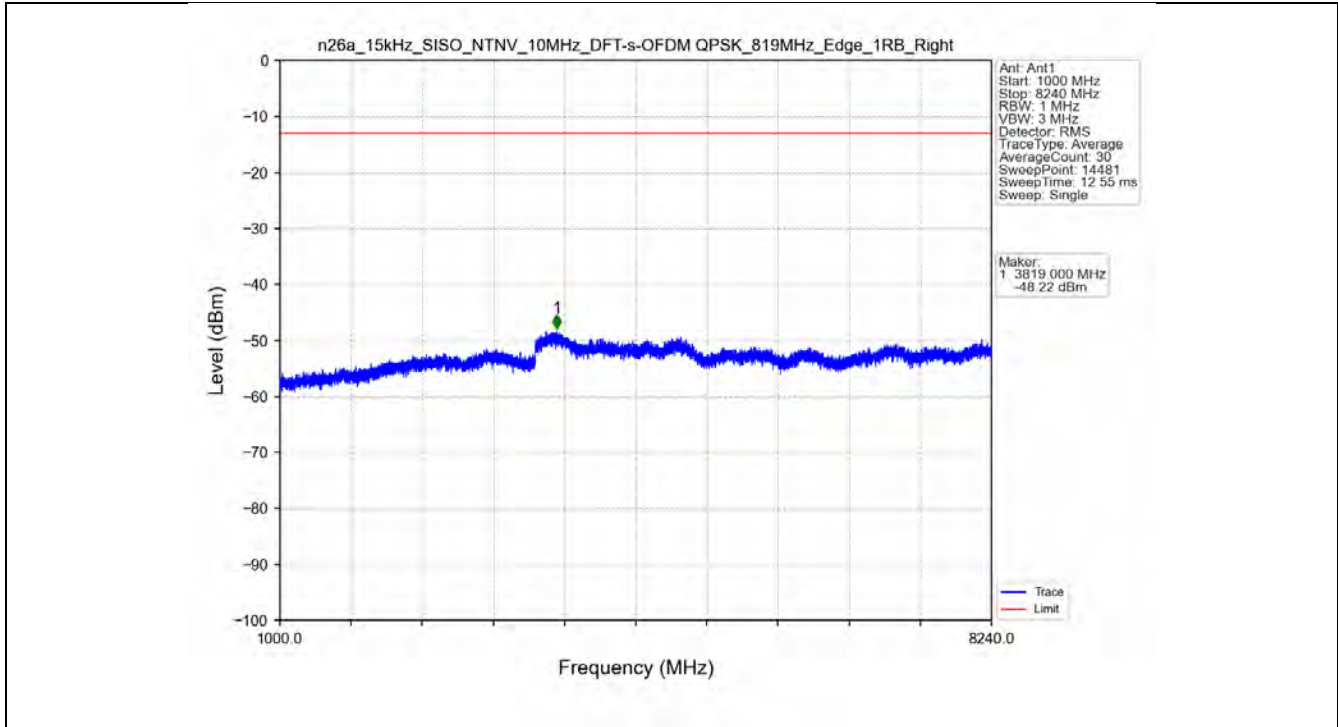
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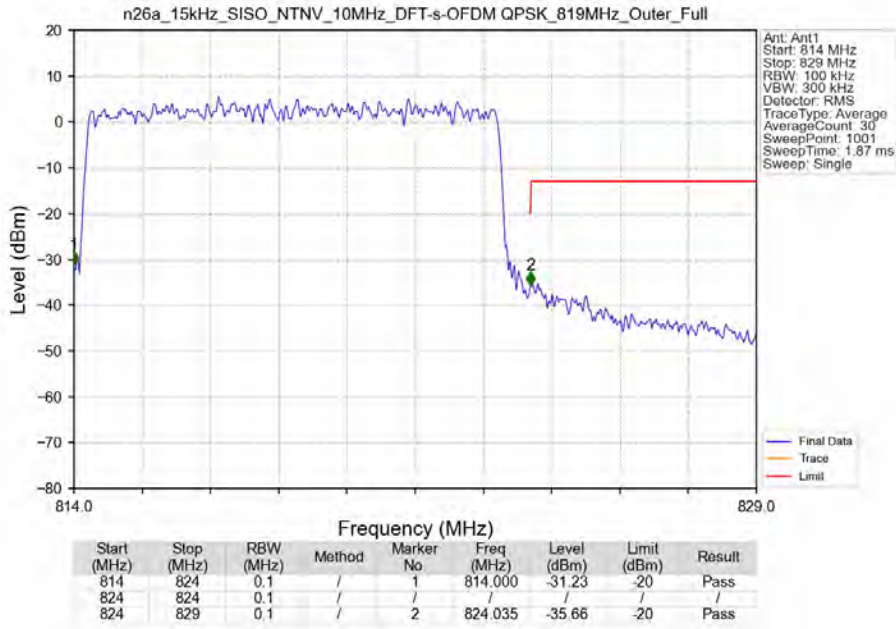
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n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Outer_Full



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Inner_1RB_Right



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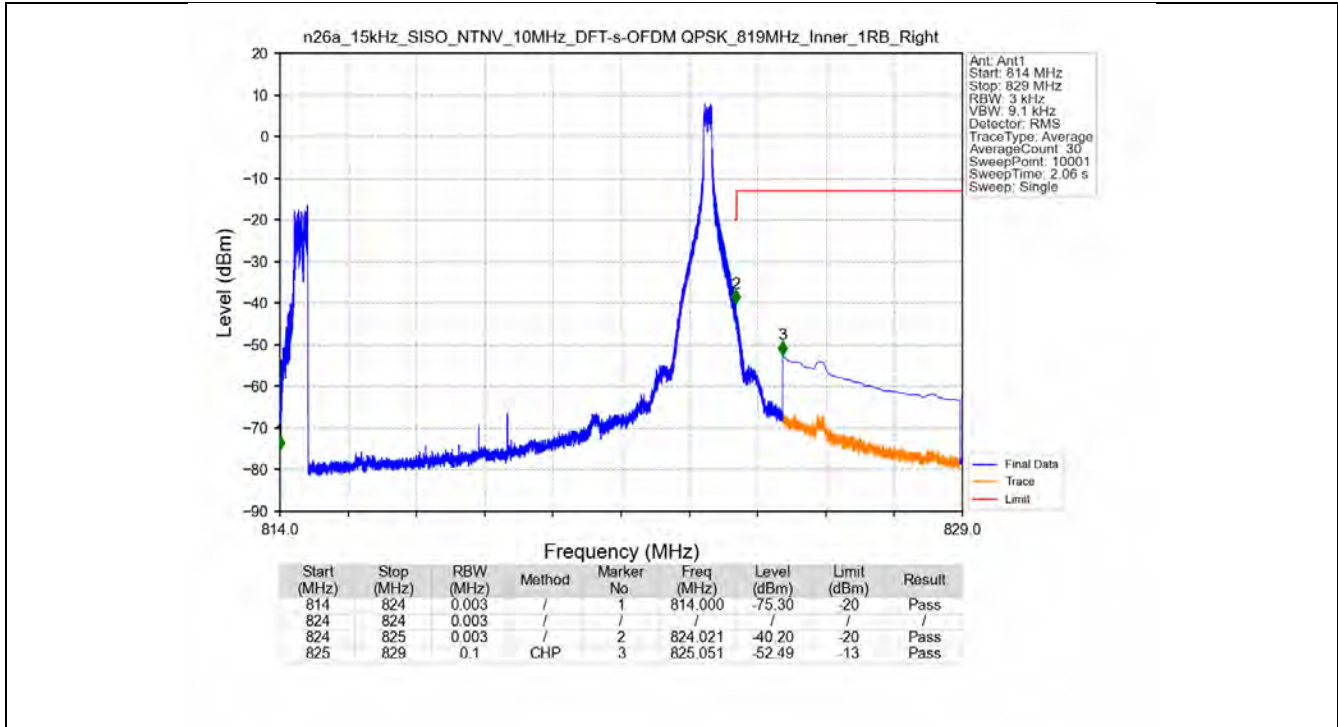
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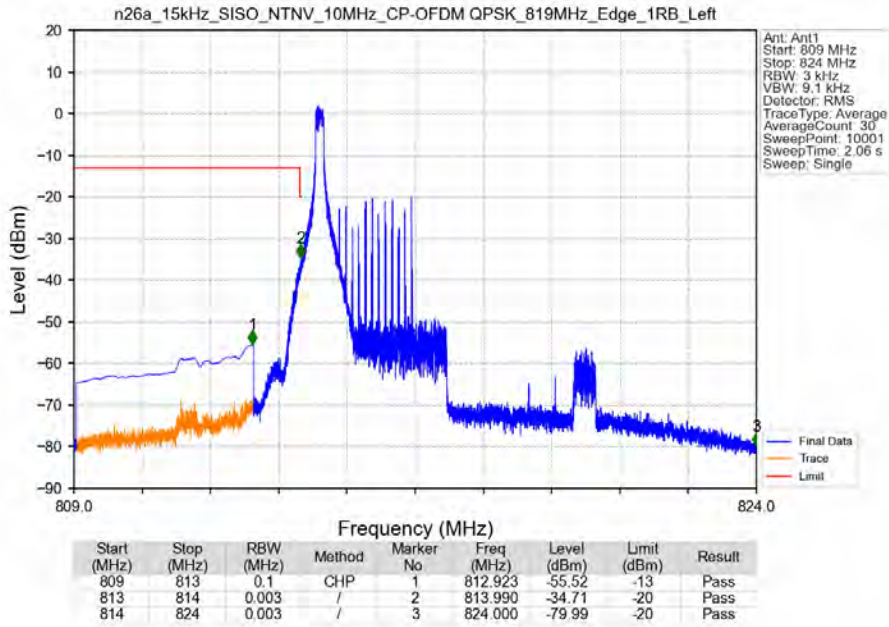
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n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Edge_1RB_Left



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Edge_1RB_Left



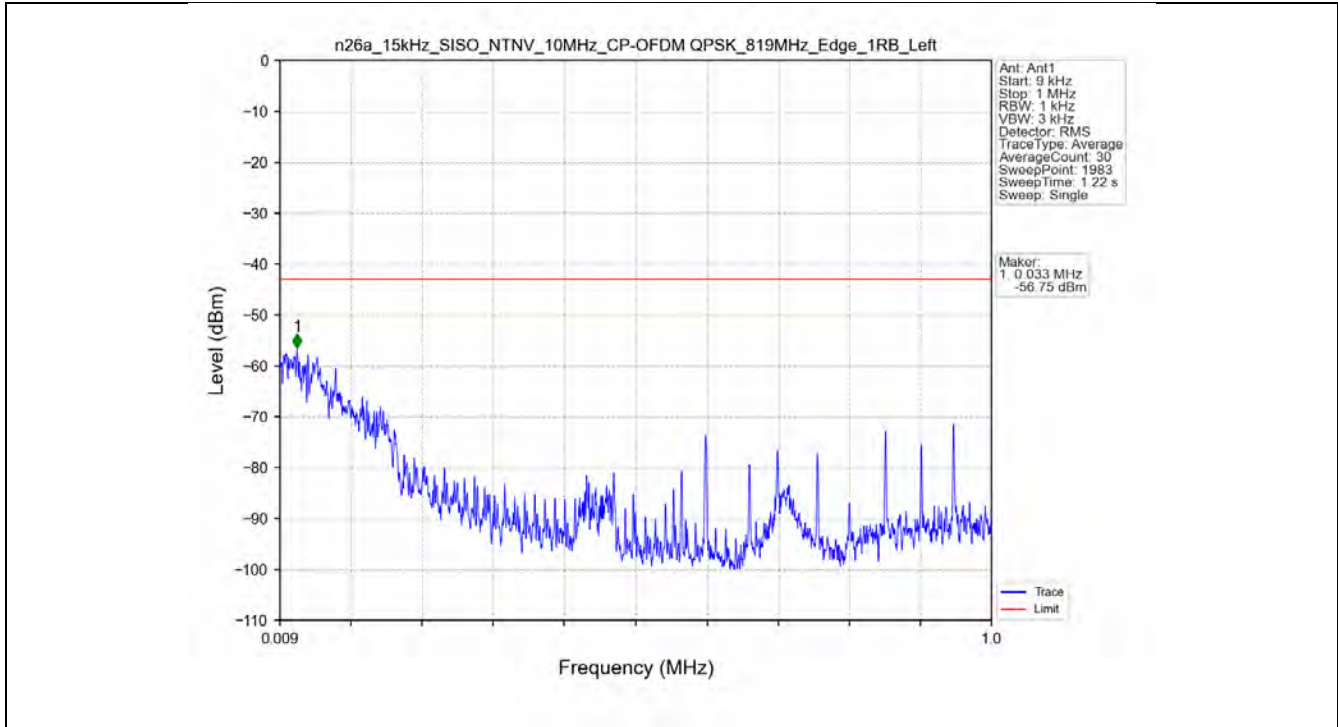
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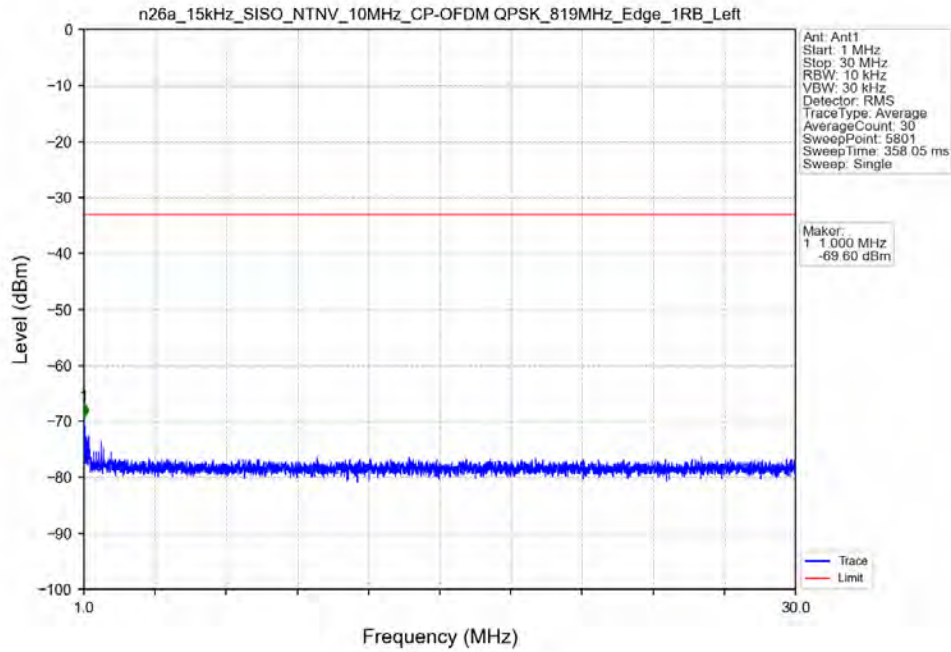
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n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Edge_1RB_Left



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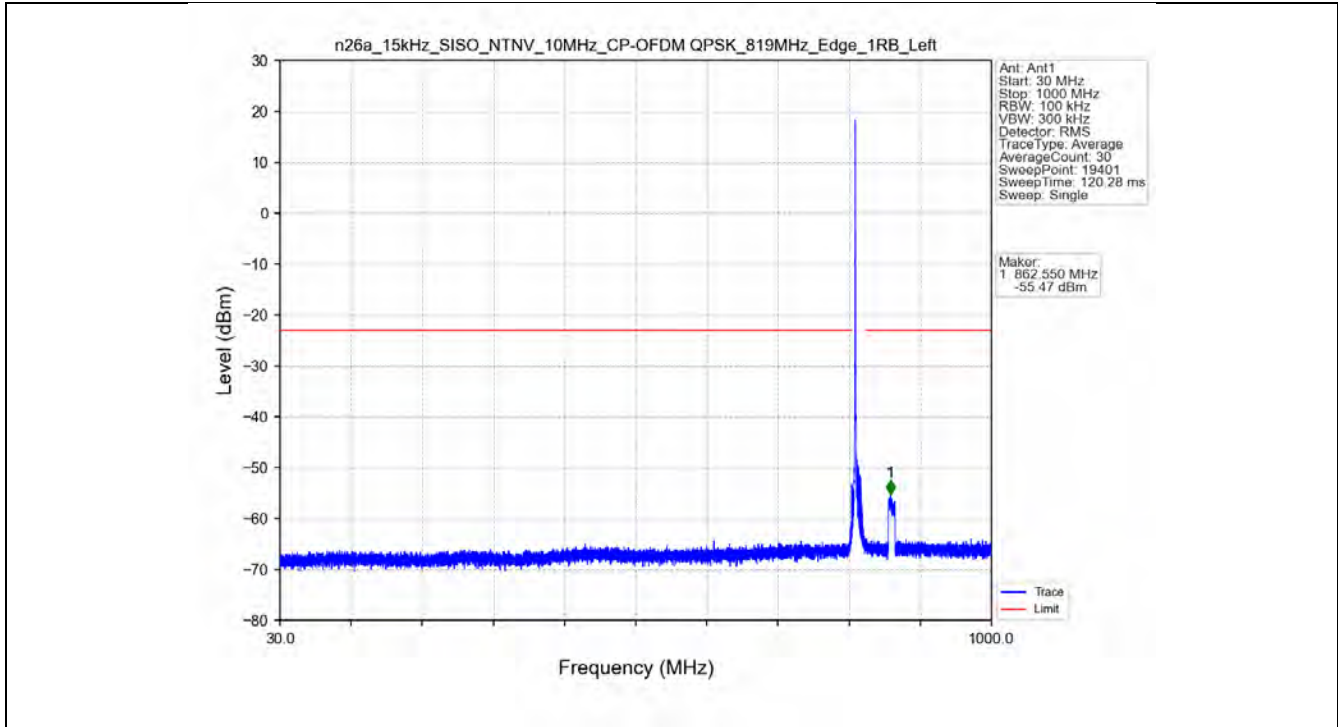
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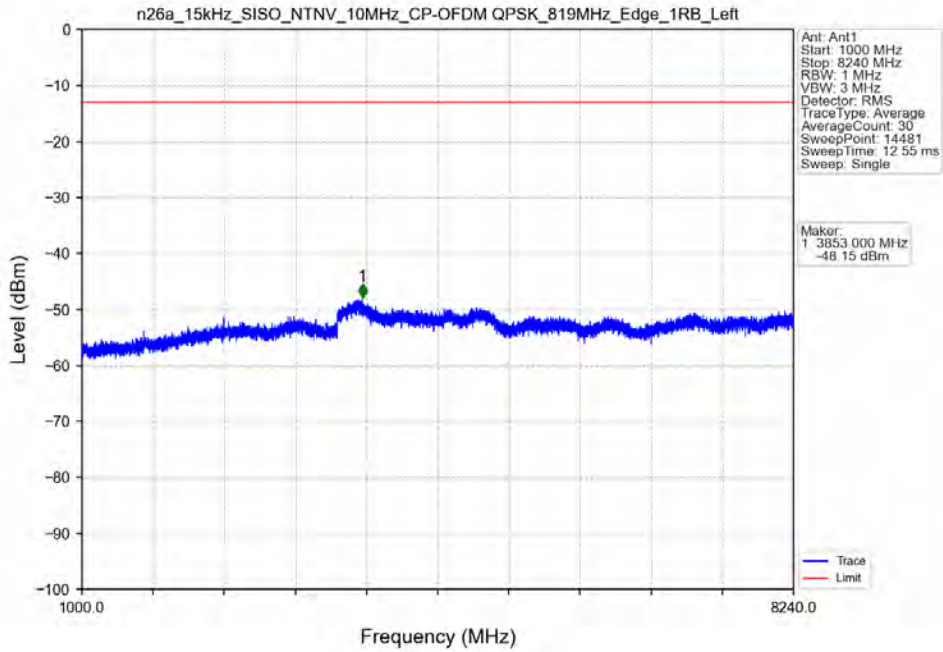
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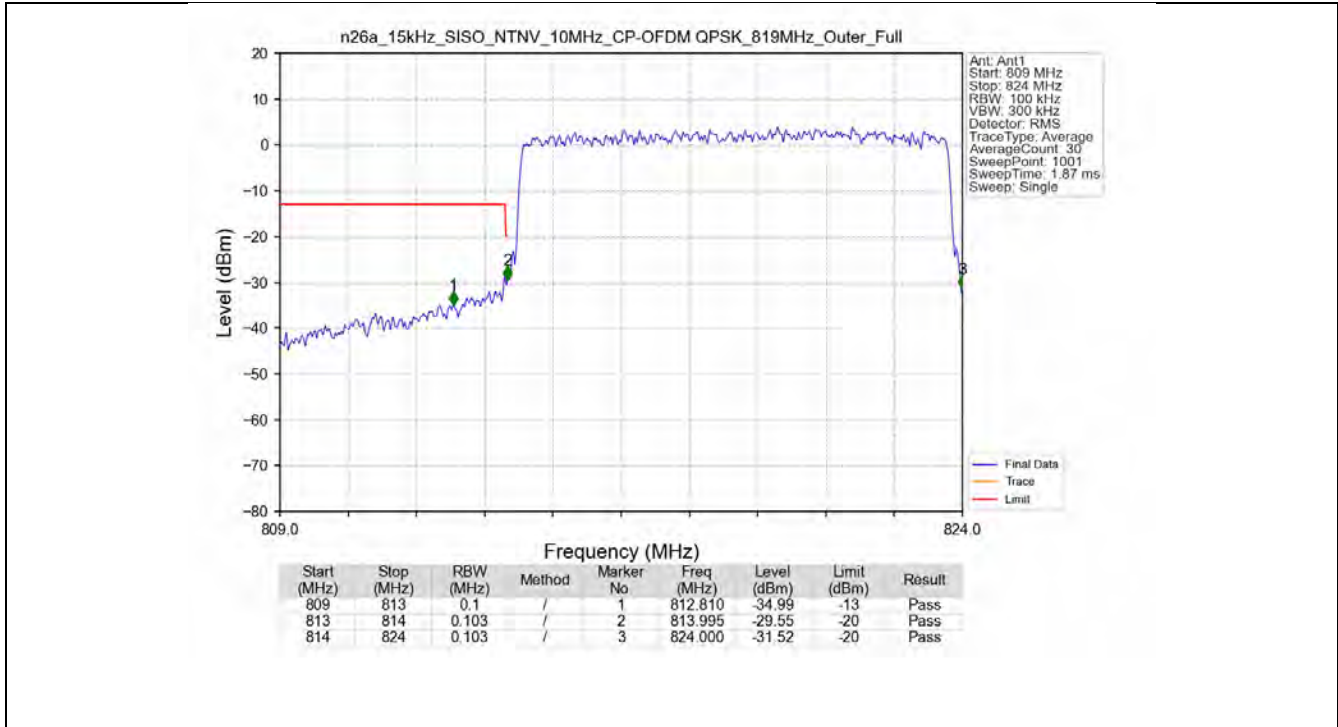
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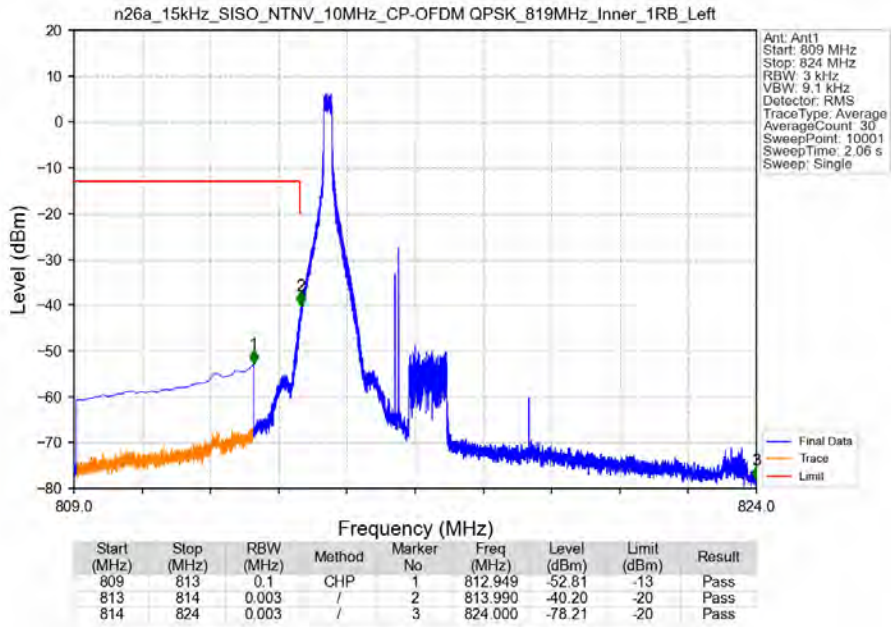
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n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Inner_1RB_Left



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Edge_1RB_Left



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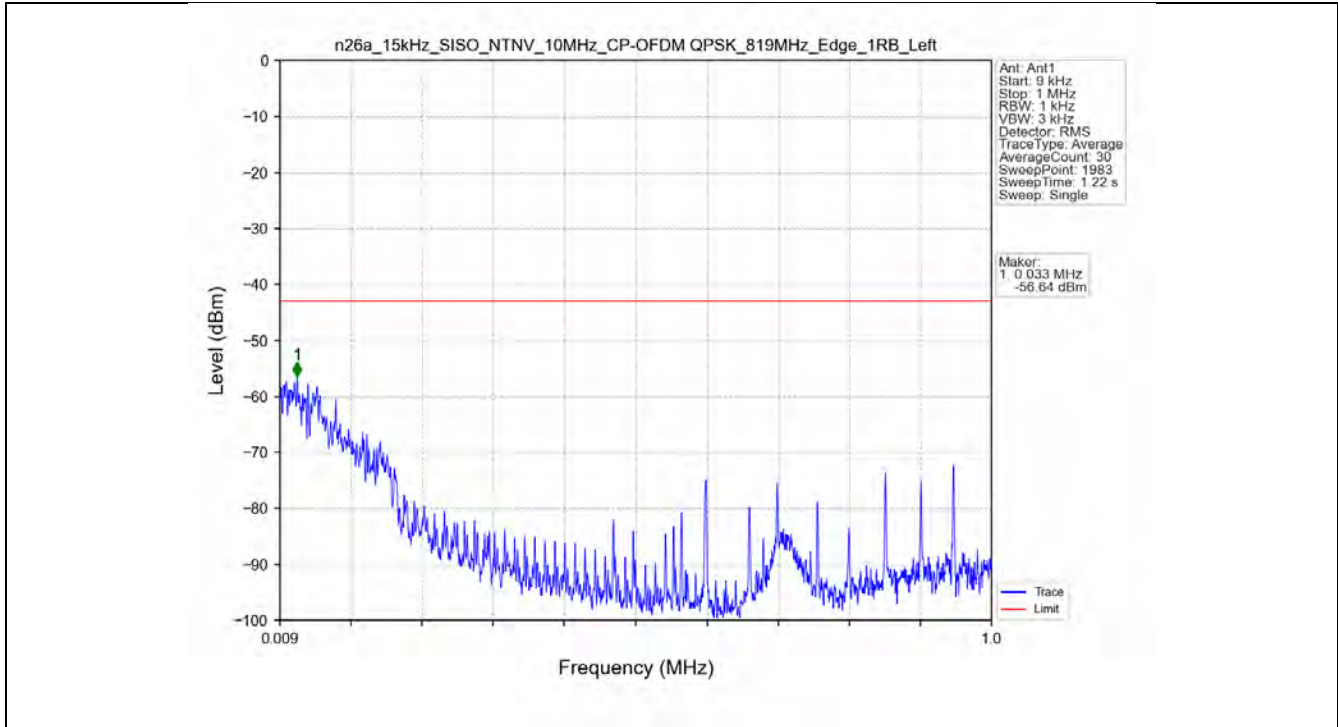
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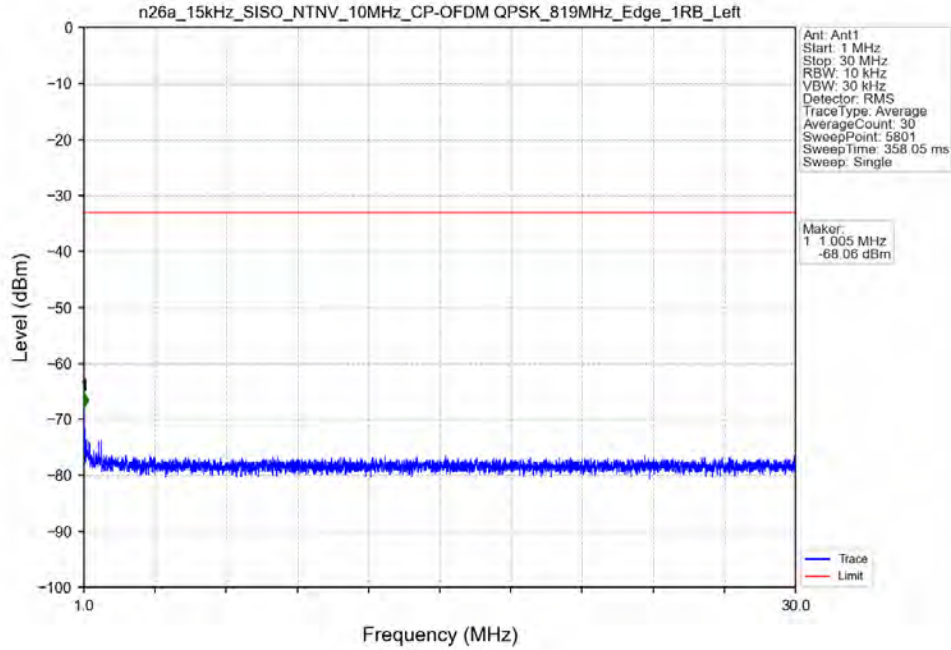
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n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Edge_1RB_Left



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Edge_1RB_Left



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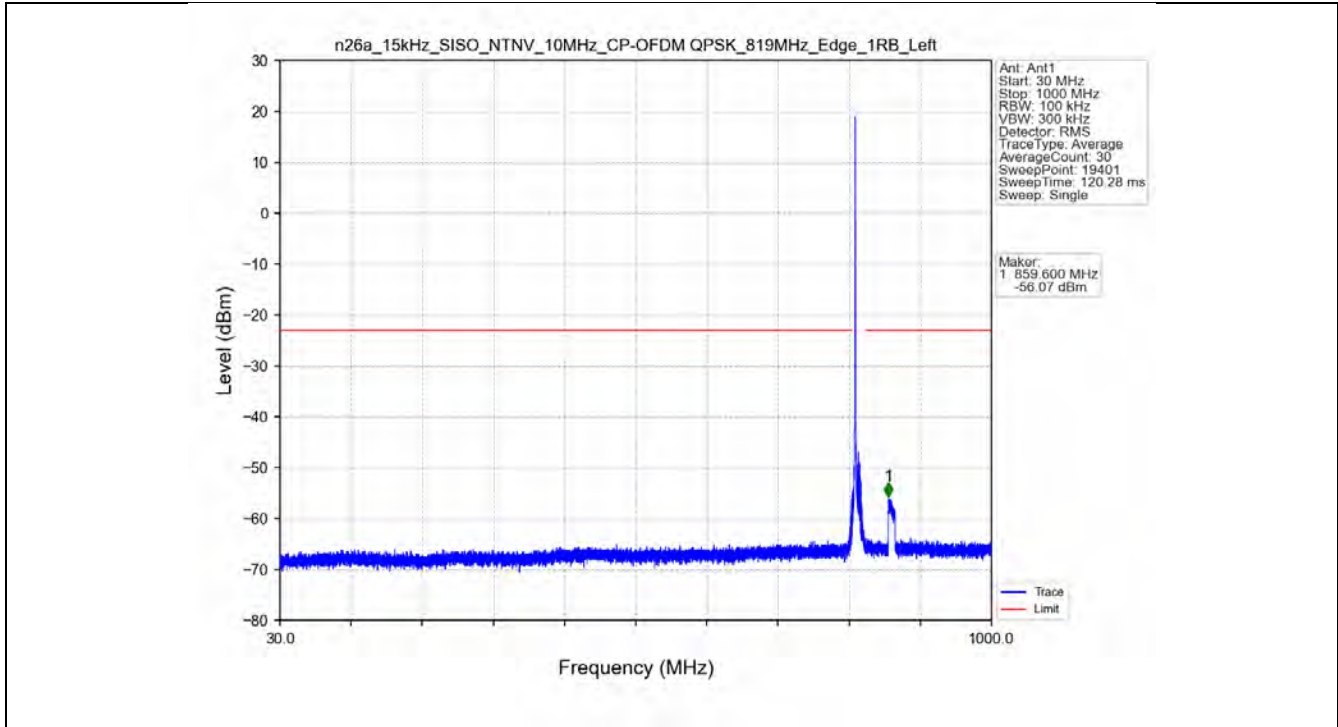
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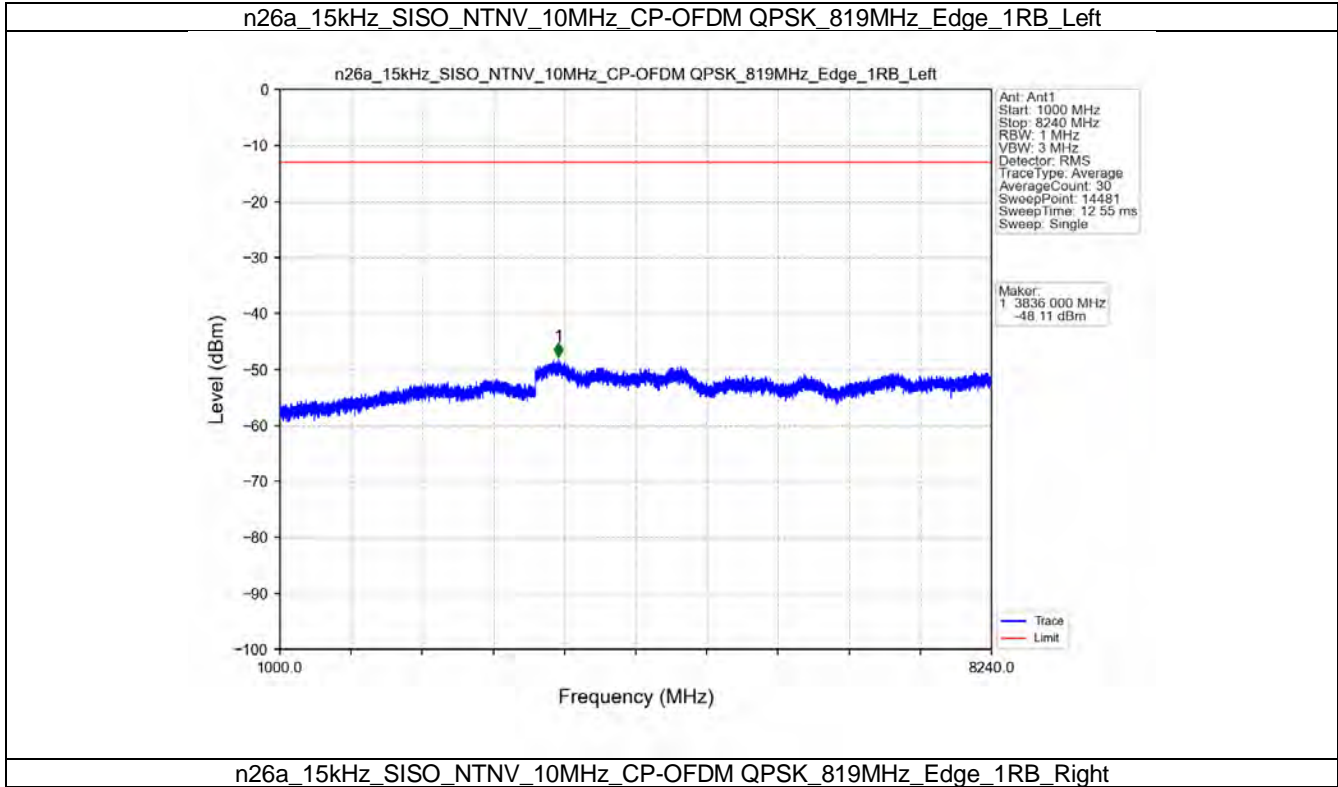
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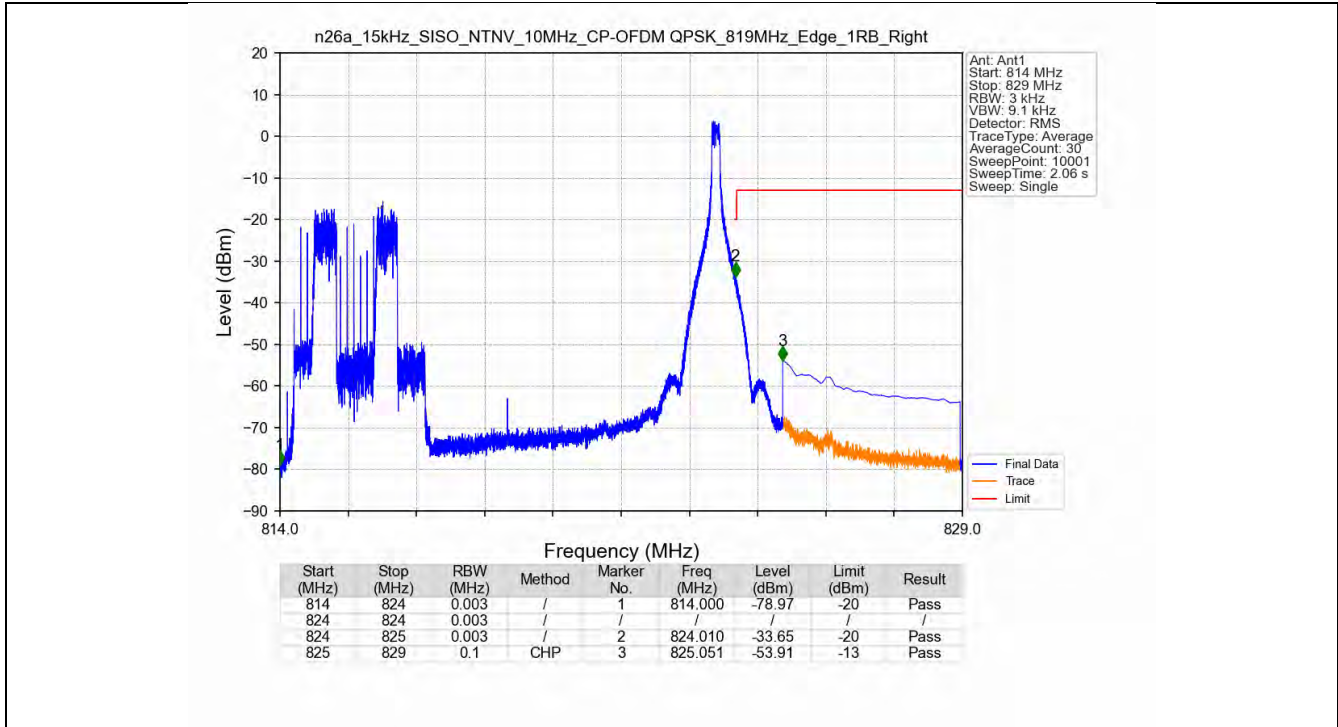
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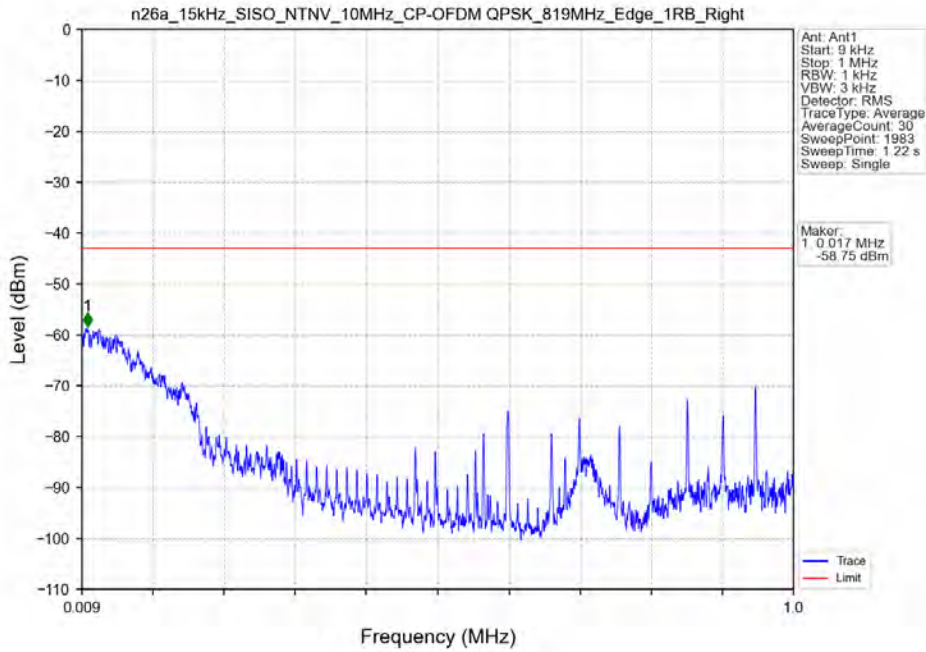
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n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Edge_1RB_Right



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Edge_1RB_Right



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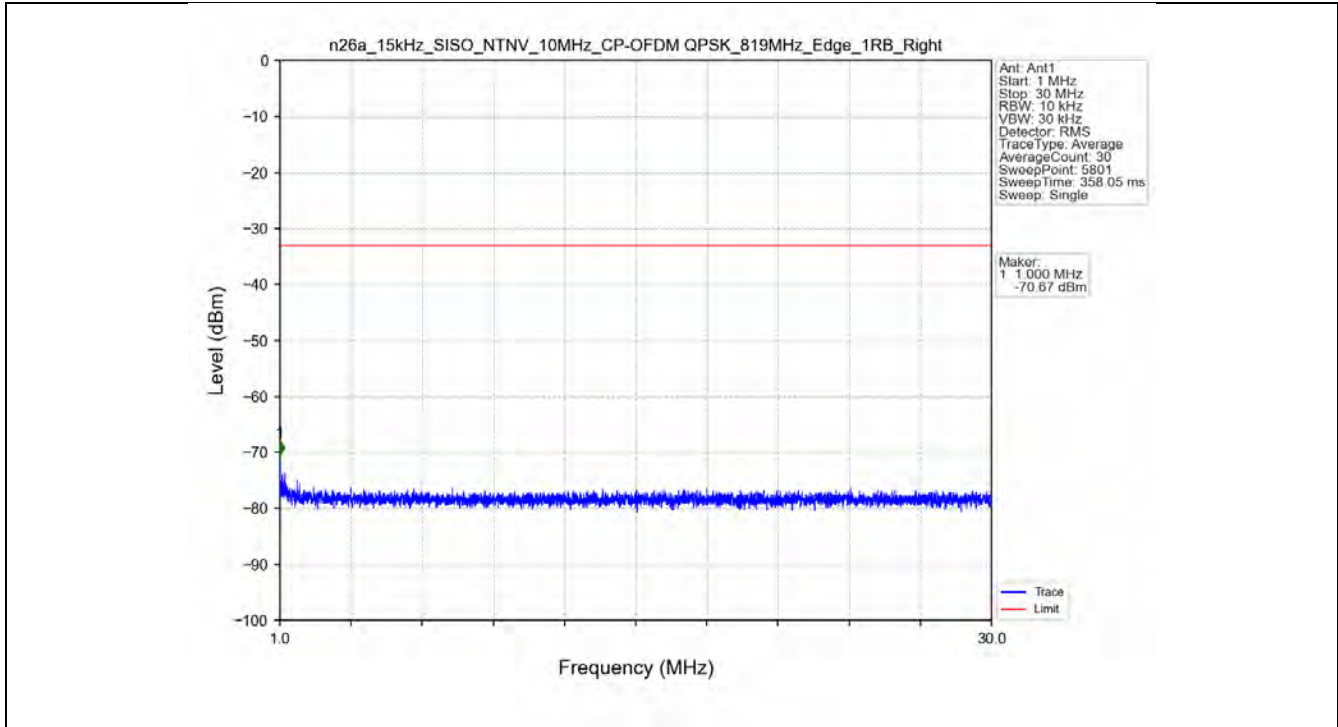
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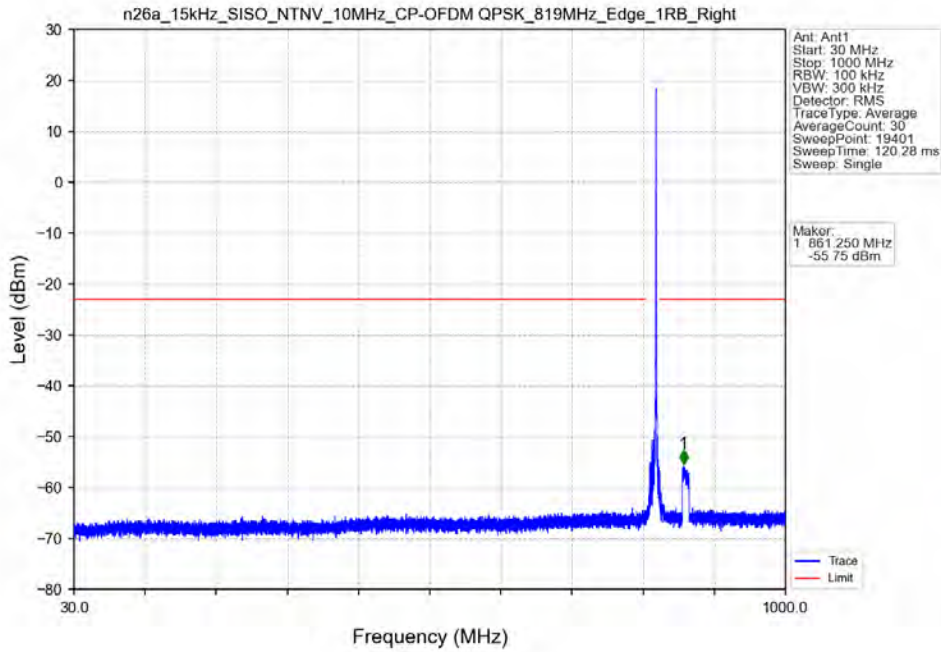
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n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Edge_1RB_Right



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Edge_1RB_Right



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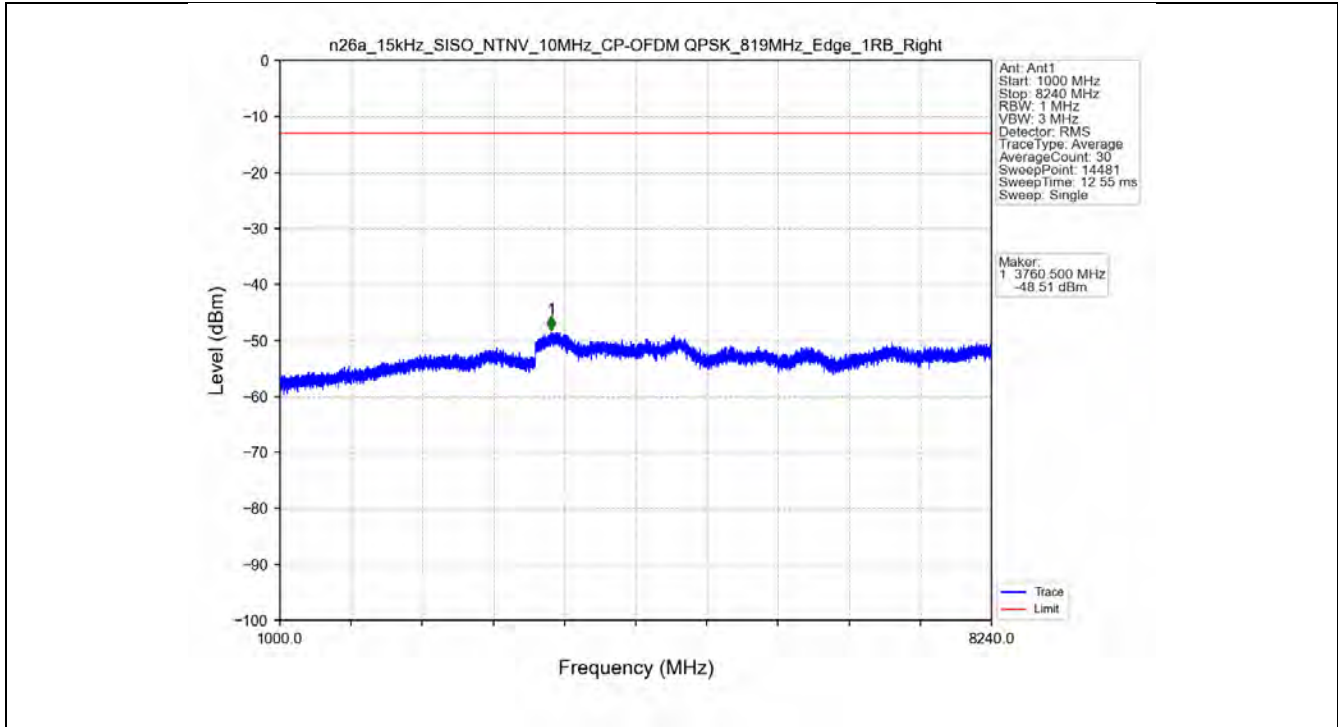
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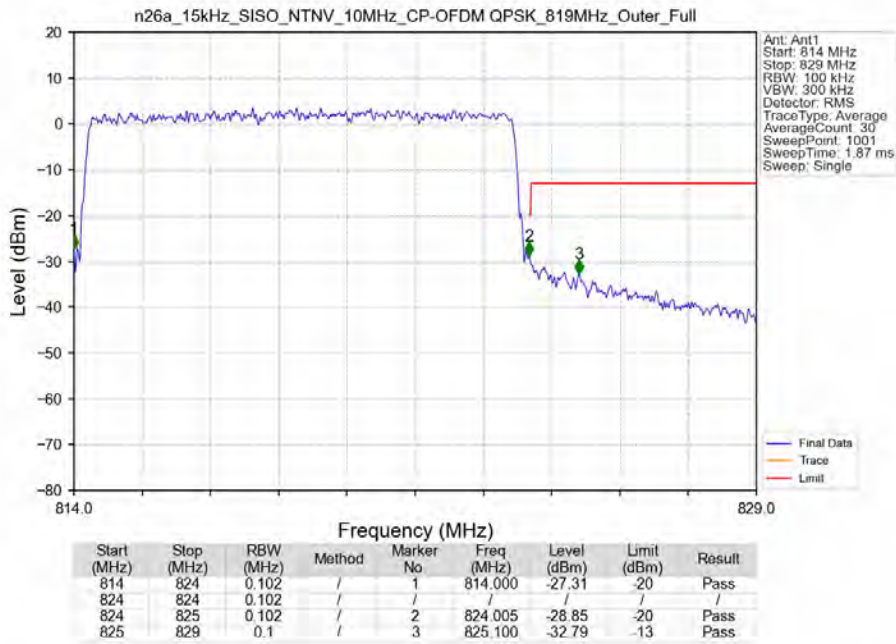
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n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_819MHz_Outer_Full



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_819MHz_Inner_1RB_Right



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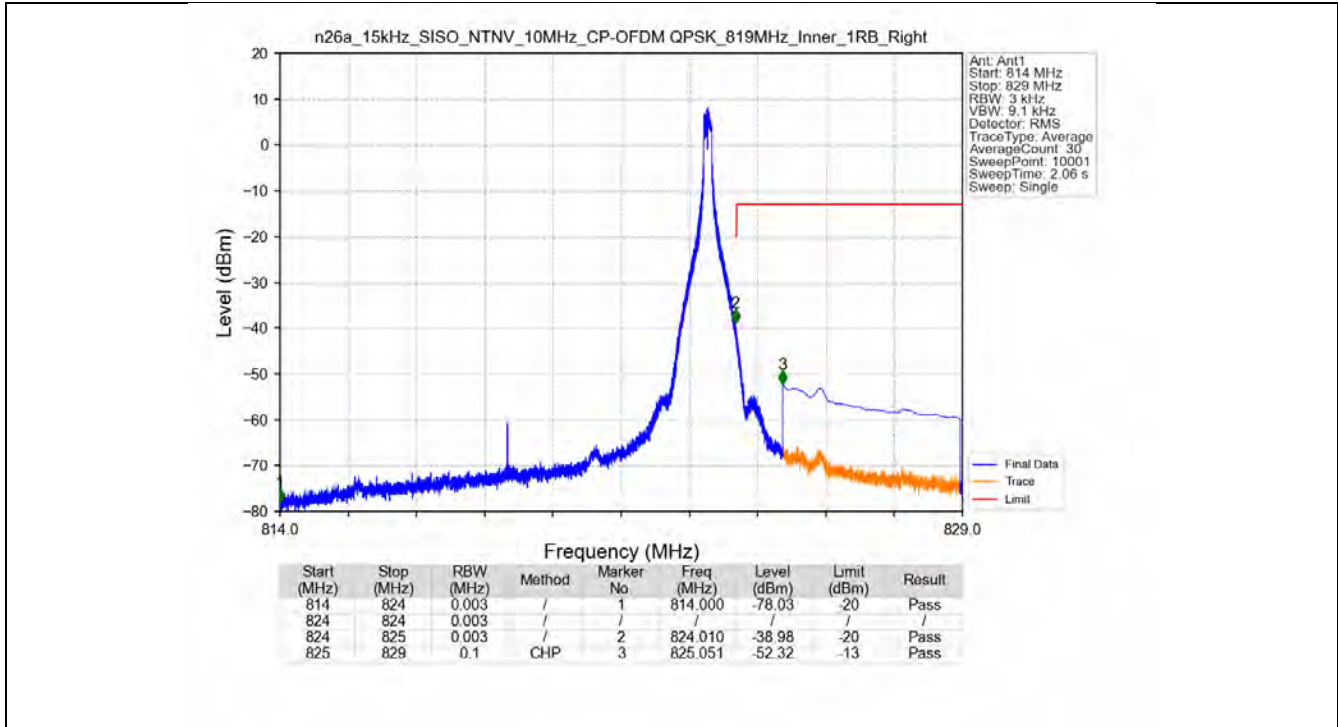
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6. Field Strength of Spurious Radiation

NR Band 26-Low channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1628.5	-67.63	-13	-54.63	-71.505	2	5.88	Horizontal	Pass
2442.75	-61.89	-13	-48.89	-64.16	2.35	4.62	Horizontal	Pass
3257	-55.52	-13	-42.52	-59.48	2.96	6.92	Horizontal	Pass
1628.5	-63.55	-13	-50.55	-67.425	2	5.88	Vertical	Pass
2442.75	-62.52	-13	-49.52	-64.79	2.35	4.62	Vertical	Pass
3257	-56.03	-13	-43.03	-59.99	2.96	6.92	Vertical	Pass

NR Band 26-Middle channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1633.5	-67.67	-13	-54.67	-71.545	2	5.88	Horizontal	Pass
2450.25	-62.22	-13	-49.22	-64.49	2.35	4.62	Horizontal	Pass
3267	-55.50	-13	-42.50	-59.46	2.96	6.92	Horizontal	Pass
1633.5	-64.80	-13	-51.80	-68.675	2	5.88	Vertical	Pass
2450.25	-62.10	-13	-49.10	-64.37	2.35	4.62	Vertical	Pass
3267	-55.52	-13	-42.52	-59.48	2.96	6.92	Vertical	Pass



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NR Band 26-High channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1638.5	-66.28	-13	-53.28	-70.155	2	5.88	Horizontal	Pass
2457.75	-59.28	-13	-46.28	-61.55	2.35	4.62	Horizontal	Pass
3277	-55.28	-13	-42.28	-59.24	2.96	6.92	Horizontal	Pass
1638.5	-64.83	-13	-51.83	-68.705	2	5.88	Vertical	Pass
2457.75	-60.90	-13	-47.90	-63.17	2.35	4.62	Vertical	Pass
3277	-56.13	-13	-43.13	-60.09	2.96	6.92	Vertical	Pass

NR Band 26-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1629	-66.42	-13	-53.42	-70.295	2	5.88	Horizontal	Pass
2443.5	-61.27	-13	-48.27	-63.54	2.35	4.62	Horizontal	Pass
3258	-55.85	-13	-42.85	-59.81	2.96	6.92	Horizontal	Pass
1629	-65.29	-13	-52.29	-69.165	2	5.88	Vertical	Pass
2443.5	-62.01	-13	-49.01	-64.28	2.35	4.62	Vertical	Pass
3258	-54.01	-13	-41.01	-57.97	2.96	6.92	Vertical	Pass

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