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# Appendix B.40

## NR Band n26(824-849)



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

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## 1. Effective (Isotropic) Radiated Power Output Data

### 1.1 15k\_SISO\_5MHz\_NTNV\_ERP

#### 1.1.1 Test Result

5G NR n26b 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	826.5	Edge_1RB_Left	23.51	/	/	23.76	/	/	<=38.45	Pass
		Edge_1RB_Right	23.58	/	/	23.83	/	/	<=38.45	Pass
		Outer_Full	23.58	/	/	23.83	/	/	<=38.45	Pass
		Inner_Full	23.58	/	/	23.83	/	/	<=38.45	Pass
		Inner_1RB_Left	23.42	/	/	23.67	/	/	<=38.45	Pass
		Inner_1RB_Right	23.60	/	/	23.85	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.53	/	/	23.78	/	/	<=38.45	Pass
		Edge_1RB_Right	23.42	/	/	23.67	/	/	<=38.45	Pass
		Outer_Full	23.43	/	/	23.68	/	/	<=38.45	Pass
		Inner_Full	23.40	/	/	23.65	/	/	<=38.45	Pass
		Inner_1RB_Left	23.51	/	/	23.76	/	/	<=38.45	Pass
		Inner_1RB_Right	23.41	/	/	23.66	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	23.37	/	/	23.62	/	/	<=38.45	Pass
		Edge_1RB_Right	23.24	/	/	23.49	/	/	<=38.45	Pass
		Outer_Full	23.35	/	/	23.6	/	/	<=38.45	Pass
		Inner_Full	23.36	/	/	23.61	/	/	<=38.45	Pass
		Inner_1RB_Left	23.40	/	/	23.65	/	/	<=38.45	Pass
		Inner_1RB_Right	23.25	/	/	23.5	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	22.98	/	/	23.23	/	/	<=38.45	Pass
		Edge_1RB_Right	23.01	/	/	23.26	/	/	<=38.45	Pass
		Outer_Full	21.46	/	/	21.71	/	/	<=38.45	Pass
		Inner_Full	23.46	/	/	23.71	/	/	<=38.45	Pass
		Inner_1RB_Left	23.40	/	/	23.65	/	/	<=38.45	Pass
		Inner_1RB_Right	23.58	/	/	23.83	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.03	/	/	23.28	/	/	<=38.45	Pass
		Edge_1RB_Right	22.98	/	/	23.23	/	/	<=38.45	Pass
		Outer_Full	21.53	/	/	21.78	/	/	<=38.45	Pass
		Inner_Full	23.41	/	/	23.66	/	/	<=38.45	Pass
		Inner_1RB_Left	23.51	/	/	23.76	/	/	<=38.45	Pass
		Inner_1RB_Right	23.46	/	/	23.71	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.84	/	/	23.09	/	/	<=38.45	Pass
		Edge_1RB_Right	22.71	/	/	22.96	/	/	<=38.45	Pass
		Outer_Full	21.27	/	/	21.52	/	/	<=38.45	Pass
		Inner_Full	23.33	/	/	23.58	/	/	<=38.45	Pass
		Inner_1RB_Left	23.38	/	/	23.63	/	/	<=38.45	Pass
		Inner_1RB_Right	23.27	/	/	23.52	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge_1RB_Left	21.91	/	/	22.16	/	/	<=38.45	Pass
		Edge_1RB_Right	22.02	/	/	22.27	/	/	<=38.45	Pass



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		Outer_Full	20.48	/	/	20.73	/	/	<=38.45	Pass
		Inner_Full	23.09	/	/	23.34	/	/	<=38.45	Pass
		Inner_1RB_Left	22.84	/	/	23.09	/	/	<=38.45	Pass
		Inner_1RB_Right	23.02	/	/	23.27	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.02	/	/	22.27	/	/	<=38.45	Pass
		Edge_1RB_Right	21.93	/	/	22.18	/	/	<=38.45	Pass
		Outer_Full	20.48	/	/	20.73	/	/	<=38.45	Pass
		Inner_Full	23.03	/	/	23.28	/	/	<=38.45	Pass
		Inner_1RB_Left	22.92	/	/	23.17	/	/	<=38.45	Pass
		Inner_1RB_Right	22.87	/	/	23.12	/	/	<=38.45	Pass
		Edge_1RB_Left	21.70	/	/	21.95	/	/	<=38.45	Pass
		Edge_1RB_Right	21.72	/	/	21.97	/	/	<=38.45	Pass
846.5	Outer_Full	20.37	/	/	20.62	/	/	<=38.45	Pass	
	Inner_Full	22.91	/	/	23.16	/	/	<=38.45	Pass	
	Inner_1RB_Left	22.73	/	/	22.98	/	/	<=38.45	Pass	
	Inner_1RB_Right	22.66	/	/	22.91	/	/	<=38.45	Pass	
	Edge_1RB_Left	21.63	/	/	21.88	/	/	<=38.45	Pass	
	Edge_1RB_Right	21.67	/	/	21.92	/	/	<=38.45	Pass	
	Outer_Full	19.96	/	/	20.21	/	/	<=38.45	Pass	
	Inner_Full	21.57	/	/	21.82	/	/	<=38.45	Pass	
DFT-s-OFDM 64 QAM	826.5	Inner_1RB_Left	21.56	/	/	21.81	/	/	<=38.45	Pass
		Inner_1RB_Right	21.53	/	/	21.78	/	/	<=38.45	Pass
		Edge_1RB_Left	21.72	/	/	21.97	/	/	<=38.45	Pass
		Edge_1RB_Right	21.58	/	/	21.83	/	/	<=38.45	Pass
		Outer_Full	19.95	/	/	20.2	/	/	<=38.45	Pass
		Inner_Full	21.58	/	/	21.83	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	21.70	/	/	21.95	/	/	<=38.45	Pass
		Inner_1RB_Right	21.68	/	/	21.93	/	/	<=38.45	Pass
		Edge_1RB_Left	21.42	/	/	21.67	/	/	<=38.45	Pass
		Edge_1RB_Right	21.45	/	/	21.7	/	/	<=38.45	Pass
		Outer_Full	19.85	/	/	20.1	/	/	<=38.45	Pass
		Inner_Full	21.43	/	/	21.68	/	/	<=38.45	Pass
846.5	Inner_1RB_Left	21.43	/	/	21.68	/	/	<=38.45	Pass	
	Inner_1RB_Right	21.44	/	/	21.69	/	/	<=38.45	Pass	
	Edge_1RB_Left	18.94	/	/	19.19	/	/	<=38.45	Pass	
	Edge_1RB_Right	19.03	/	/	19.28	/	/	<=38.45	Pass	
	Outer_Full	17.01	/	/	17.26	/	/	<=38.45	Pass	
	Inner_Full	19.50	/	/	19.75	/	/	<=38.45	Pass	
DFT-s-OFDM 256 QAM	826.5	Inner_1RB_Left	19.00	/	/	19.25	/	/	<=38.45	Pass
		Inner_1RB_Right	19.04	/	/	19.29	/	/	<=38.45	Pass
		Edge_1RB_Left	19.08	/	/	19.33	/	/	<=38.45	Pass
		Edge_1RB_Right	18.95	/	/	19.2	/	/	<=38.45	Pass
		Outer_Full	16.92	/	/	17.17	/	/	<=38.45	Pass
		Inner_Full	19.49	/	/	19.74	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	19.07	/	/	19.32	/	/	<=38.45	Pass
		Inner_1RB_Right	18.96	/	/	19.21	/	/	<=38.45	Pass
		Edge_1RB_Left	18.86	/	/	19.11	/	/	<=38.45	Pass
		Edge_1RB_Right	18.75	/	/	19	/	/	<=38.45	Pass



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CP-OFDM QPSK	826.5	Outer_Full	16.78	/	/	17.03	/	/	<=38.45	Pass
		Inner_Full	19.28	/	/	19.53	/	/	<=38.45	Pass
		Inner_1RB_Left	18.87	/	/	19.12	/	/	<=38.45	Pass
		Inner_1RB_Right	18.79	/	/	19.04	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.93	/	/	21.18	/	/	<=38.45	Pass
		Edge_1RB_Right	21.00	/	/	21.25	/	/	<=38.45	Pass
		Outer_Full	21.05	/	/	21.3	/	/	<=38.45	Pass
		Inner_Full	22.62	/	/	22.87	/	/	<=38.45	Pass
	846.5	Inner_1RB_Left	22.41	/	/	22.66	/	/	<=38.45	Pass
		Inner_1RB_Right	22.50	/	/	22.75	/	/	<=38.45	Pass
		Edge_1RB_Left	21.11	/	/	21.36	/	/	<=38.45	Pass
		Edge_1RB_Right	20.96	/	/	21.21	/	/	<=38.45	Pass
CP-OFDM 16 QAM	826.5	Outer_Full	21.02	/	/	21.27	/	/	<=38.45	Pass
		Inner_Full	22.40	/	/	22.65	/	/	<=38.45	Pass
		Inner_1RB_Left	22.38	/	/	22.63	/	/	<=38.45	Pass
		Inner_1RB_Right	22.44	/	/	22.69	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.76	/	/	21.01	/	/	<=38.45	Pass
		Edge_1RB_Right	20.65	/	/	20.9	/	/	<=38.45	Pass
		Outer_Full	20.79	/	/	21.04	/	/	<=38.45	Pass
		Inner_Full	22.41	/	/	22.66	/	/	<=38.45	Pass
	846.5	Inner_1RB_Left	22.28	/	/	22.53	/	/	<=38.45	Pass
		Inner_1RB_Right	22.36	/	/	22.61	/	/	<=38.45	Pass
		Edge_1RB_Left	20.93	/	/	21.18	/	/	<=38.45	Pass
		Edge_1RB_Right	21.10	/	/	21.35	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Outer_Full	19.10	/	/	19.35	/	/	<=38.45	Pass
		Inner_Full	21.93	/	/	22.18	/	/	<=38.45	Pass
		Inner_1RB_Left	22.01	/	/	22.26	/	/	<=38.45	Pass
		Inner_1RB_Right	22.04	/	/	22.29	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.02	/	/	21.27	/	/	<=38.45	Pass
		Edge_1RB_Right	21.01	/	/	21.26	/	/	<=38.45	Pass
		Outer_Full	19.03	/	/	19.28	/	/	<=38.45	Pass
		Inner_Full	21.85	/	/	22.1	/	/	<=38.45	Pass
	846.5	Inner_1RB_Left	22.04	/	/	22.29	/	/	<=38.45	Pass
		Inner_1RB_Right	22.11	/	/	22.36	/	/	<=38.45	Pass
		Edge_1RB_Left	20.85	/	/	21.1	/	/	<=38.45	Pass
		Edge_1RB_Right	20.91	/	/	21.16	/	/	<=38.45	Pass
826.5	Outer_Full	18.80	/	/	19.05	/	/	<=38.45	Pass	
	Inner_Full	21.65	/	/	21.9	/	/	<=38.45	Pass	
	Inner_1RB_Left	21.81	/	/	22.06	/	/	<=38.45	Pass	
	Inner_1RB_Right	21.89	/	/	22.14	/	/	<=38.45	Pass	
	Edge_1RB_Left	20.55	/	/	20.8	/	/	<=38.45	Pass	
	Edge_1RB_Right	20.67	/	/	20.92	/	/	<=38.45	Pass	
	Outer_Full	18.59	/	/	18.84	/	/	<=38.45	Pass	
	Inner_Full	20.66	/	/	20.91	/	/	<=38.45	Pass	
836.5	Inner_1RB_Left	20.55	/	/	20.8	/	/	<=38.45	Pass	
	Inner_1RB_Right	20.62	/	/	20.87	/	/	<=38.45	Pass	
846.5	Edge_1RB_Left	20.65	/	/	20.9	/	/	<=38.45	Pass	
	Edge_1RB_Right	20.44	/	/	20.69	/	/	<=38.45	Pass	



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CP-OFDM 256 QAM	846.5	Outer_Full	18.46	/	/	18.71	/	/	<=38.45	Pass
		Inner_Full	20.49	/	/	20.74	/	/	<=38.45	Pass
		Inner_1RB_Left	20.57	/	/	20.82	/	/	<=38.45	Pass
		Inner_1RB_Right	20.53	/	/	20.78	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.28	/	/	20.53	/	/	<=38.45	Pass
		Edge_1RB_Right	20.36	/	/	20.61	/	/	<=38.45	Pass
		Outer_Full	18.28	/	/	18.53	/	/	<=38.45	Pass
		Inner_Full	20.39	/	/	20.64	/	/	<=38.45	Pass
	826.5	Inner_1RB_Left	20.31	/	/	20.56	/	/	<=38.45	Pass
		Inner_1RB_Right	20.36	/	/	20.61	/	/	<=38.45	Pass
		Edge_1RB_Left	17.02	/	/	17.27	/	/	<=38.45	Pass
		Edge_1RB_Right	17.18	/	/	17.43	/	/	<=38.45	Pass
	836.5	Outer_Full	15.67	/	/	15.92	/	/	<=38.45	Pass
		Inner_Full	17.59	/	/	17.84	/	/	<=38.45	Pass
		Inner_1RB_Left	17.09	/	/	17.34	/	/	<=38.45	Pass
		Inner_1RB_Right	17.13	/	/	17.38	/	/	<=38.45	Pass
846.5	Edge_1RB_Left	17.06	/	/	17.31	/	/	<=38.45	Pass	
	Edge_1RB_Right	17.07	/	/	17.32	/	/	<=38.45	Pass	
	Outer_Full	15.59	/	/	15.84	/	/	<=38.45	Pass	
	Inner_Full	17.52	/	/	17.77	/	/	<=38.45	Pass	
	Inner_1RB_Left	17.11	/	/	17.36	/	/	<=38.45	Pass	
	Inner_1RB_Right	17.06	/	/	17.31	/	/	<=38.45	Pass	
	Edge_1RB_Left	16.89	/	/	17.14	/	/	<=38.45	Pass	
	Edge_1RB_Right	16.82	/	/	17.07	/	/	<=38.45	Pass	
846.5	Outer_Full	15.41	/	/	15.66	/	/	<=38.45	Pass	
	Inner_Full	17.44	/	/	17.69	/	/	<=38.45	Pass	
	Inner_1RB_Left	16.95	/	/	17.2	/	/	<=38.45	Pass	
	Inner_1RB_Right	16.85	/	/	17.1	/	/	<=38.45	Pass	

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 n26b 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	829	Edge_1RB_Left	23.56	/	/	23.81	/	/	<=38.45	Pass
		Edge_1RB_Right	23.52	/	/	23.77	/	/	<=38.45	Pass
		Outer_Full	23.56	/	/	23.81	/	/	<=38.45	Pass
		Inner_Full	23.50	/	/	23.75	/	/	<=38.45	Pass
		Inner_1RB_Left	23.54	/	/	23.79	/	/	<=38.45	Pass
		Inner_1RB_Right	23.52	/	/	23.77	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.59	/	/	23.84	/	/	<=38.45	Pass
		Edge_1RB_Right	23.33	/	/	23.58	/	/	<=38.45	Pass



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		Outer_Full	23.53	/	/	23.78	/	/	<=38.45	Pass		
		Inner_Full	23.48	/	/	23.73	/	/	<=38.45	Pass		
		Inner_1RB_Left	23.62	/	/	23.87	/	/	<=38.45	Pass		
		Inner_1RB_Right	23.34	/	/	23.59	/	/	<=38.45	Pass		
	844	Edge_1RB_Left	23.38	/	/	23.63	/	/	<=38.45	Pass		
		Edge_1RB_Right	23.20	/	/	23.45	/	/	<=38.45	Pass		
		Outer_Full	23.31	/	/	23.56	/	/	<=38.45	Pass		
		Inner_Full	23.28	/	/	23.53	/	/	<=38.45	Pass		
		Inner_1RB_Left	23.33	/	/	23.58	/	/	<=38.45	Pass		
		Inner_1RB_Right	23.20	/	/	23.45	/	/	<=38.45	Pass		
		DFT-s-OFDM QPSK	829	Edge_1RB_Left	22.94	/	/	23.19	/	/	<=38.45	Pass
				Edge_1RB_Right	23.05	/	/	23.3	/	/	<=38.45	Pass
Outer_Full	21.59			/	/	21.84	/	/	<=38.45	Pass		
Inner_Full	23.50			/	/	23.75	/	/	<=38.45	Pass		
836.5	Inner_1RB_Left		23.47	/	/	23.72	/	/	<=38.45	Pass		
	Inner_1RB_Right		23.55	/	/	23.8	/	/	<=38.45	Pass		
	Edge_1RB_Left		23.11	/	/	23.36	/	/	<=38.45	Pass		
	Edge_1RB_Right		22.88	/	/	23.13	/	/	<=38.45	Pass		
844	Outer_Full		21.46	/	/	21.71	/	/	<=38.45	Pass		
	Inner_Full		23.49	/	/	23.74	/	/	<=38.45	Pass		
	Inner_1RB_Left		23.62	/	/	23.87	/	/	<=38.45	Pass		
	Inner_1RB_Right		23.37	/	/	23.62	/	/	<=38.45	Pass		
	Edge_1RB_Left	22.94	/	/	23.19	/	/	<=38.45	Pass			
	Edge_1RB_Right	22.69	/	/	22.94	/	/	<=38.45	Pass			
	Outer_Full	21.20	/	/	21.45	/	/	<=38.45	Pass			
	Inner_Full	23.16	/	/	23.41	/	/	<=38.45	Pass			
DFT-s-OFDM 16 QAM	829	Inner_1RB_Left	23.35	/	/	23.6	/	/	<=38.45	Pass		
		Inner_1RB_Right	23.21	/	/	23.46	/	/	<=38.45	Pass		
		Edge_1RB_Left	21.88	/	/	22.13	/	/	<=38.45	Pass		
		Edge_1RB_Right	22.00	/	/	22.25	/	/	<=38.45	Pass		
		Outer_Full	20.52	/	/	20.77	/	/	<=38.45	Pass		
		Inner_Full	23.03	/	/	23.28	/	/	<=38.45	Pass		
	836.5	Inner_1RB_Left	22.82	/	/	23.07	/	/	<=38.45	Pass		
		Inner_1RB_Right	23.01	/	/	23.26	/	/	<=38.45	Pass		
		Edge_1RB_Left	22.14	/	/	22.39	/	/	<=38.45	Pass		
		Edge_1RB_Right	21.83	/	/	22.08	/	/	<=38.45	Pass		
		Outer_Full	20.51	/	/	20.76	/	/	<=38.45	Pass		
		Inner_Full	22.99	/	/	23.24	/	/	<=38.45	Pass		
844	Inner_1RB_Left	23.03	/	/	23.28	/	/	<=38.45	Pass			
	Inner_1RB_Right	22.89	/	/	23.14	/	/	<=38.45	Pass			
	Edge_1RB_Left	21.84	/	/	22.09	/	/	<=38.45	Pass			
	Edge_1RB_Right	21.56	/	/	21.81	/	/	<=38.45	Pass			
	Outer_Full	20.26	/	/	20.51	/	/	<=38.45	Pass			
	Inner_Full	22.79	/	/	23.04	/	/	<=38.45	Pass			
DFT-s-OFDM 64 QAM	829	Inner_1RB_Left	22.81	/	/	23.06	/	/	<=38.45	Pass		
		Inner_1RB_Right	22.59	/	/	22.84	/	/	<=38.45	Pass		
		Edge_1RB_Left	21.61	/	/	21.86	/	/	<=38.45	Pass		
		Edge_1RB_Right	21.76	/	/	22.01	/	/	<=38.45	Pass		



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		Outer_Full	20.10	/	/	20.35	/	/	<=38.45	Pass
		Inner_Full	21.60	/	/	21.85	/	/	<=38.45	Pass
		Inner_1RB_Left	21.64	/	/	21.89	/	/	<=38.45	Pass
		Inner_1RB_Right	21.76	/	/	22.01	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.78	/	/	22.03	/	/	<=38.45	Pass
		Edge_1RB_Right	21.50	/	/	21.75	/	/	<=38.45	Pass
		Outer_Full	20.01	/	/	20.26	/	/	<=38.45	Pass
		Inner_Full	21.52	/	/	21.77	/	/	<=38.45	Pass
	844	Inner_1RB_Left	21.77	/	/	22.02	/	/	<=38.45	Pass
		Inner_1RB_Right	21.55	/	/	21.8	/	/	<=38.45	Pass
		Edge_1RB_Left	21.53	/	/	21.78	/	/	<=38.45	Pass
		Edge_1RB_Right	21.37	/	/	21.62	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Outer_Full	19.79	/	/	20.04	/	/	<=38.45	Pass
		Inner_Full	21.24	/	/	21.49	/	/	<=38.45	Pass
		Inner_1RB_Left	21.50	/	/	21.75	/	/	<=38.45	Pass
		Inner_1RB_Right	21.33	/	/	21.58	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.07	/	/	19.32	/	/	<=38.45	Pass
		Edge_1RB_Right	19.01	/	/	19.26	/	/	<=38.45	Pass
		Outer_Full	16.98	/	/	17.23	/	/	<=38.45	Pass
		Inner_Full	19.59	/	/	19.84	/	/	<=38.45	Pass
	844	Inner_1RB_Left	18.94	/	/	19.19	/	/	<=38.45	Pass
		Inner_1RB_Right	19.02	/	/	19.27	/	/	<=38.45	Pass
		Edge_1RB_Left	19.12	/	/	19.37	/	/	<=38.45	Pass
		Edge_1RB_Right	18.92	/	/	19.17	/	/	<=38.45	Pass
CP-OFDM QPSK	829	Outer_Full	16.96	/	/	17.21	/	/	<=38.45	Pass
		Inner_Full	19.50	/	/	19.75	/	/	<=38.45	Pass
		Inner_1RB_Left	19.10	/	/	19.35	/	/	<=38.45	Pass
		Inner_1RB_Right	18.85	/	/	19.1	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.93	/	/	19.18	/	/	<=38.45	Pass
		Edge_1RB_Right	18.67	/	/	18.92	/	/	<=38.45	Pass
		Outer_Full	16.82	/	/	17.07	/	/	<=38.45	Pass
		Inner_Full	19.29	/	/	19.54	/	/	<=38.45	Pass
	844	Inner_1RB_Left	18.86	/	/	19.11	/	/	<=38.45	Pass
		Inner_1RB_Right	18.67	/	/	18.92	/	/	<=38.45	Pass
		Edge_1RB_Left	21.06	/	/	21.31	/	/	<=38.45	Pass
		Edge_1RB_Right	21.08	/	/	21.33	/	/	<=38.45	Pass
	829	Outer_Full	21.01	/	/	21.26	/	/	<=38.45	Pass
		Inner_Full	22.51	/	/	22.76	/	/	<=38.45	Pass
		Inner_1RB_Left	22.49	/	/	22.74	/	/	<=38.45	Pass
		Inner_1RB_Right	22.42	/	/	22.67	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.09	/	/	21.34	/	/	<=38.45	Pass
		Edge_1RB_Right	20.85	/	/	21.1	/	/	<=38.45	Pass
		Outer_Full	21.01	/	/	21.26	/	/	<=38.45	Pass
		Inner_Full	22.46	/	/	22.71	/	/	<=38.45	Pass
	844	Inner_1RB_Left	22.49	/	/	22.74	/	/	<=38.45	Pass
		Inner_1RB_Right	22.32	/	/	22.57	/	/	<=38.45	Pass
		Edge_1RB_Left	20.92	/	/	21.17	/	/	<=38.45	Pass
		Edge_1RB_Right	20.63	/	/	20.88	/	/	<=38.45	Pass



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CP-OFDM 16 QAM	829	Outer_Full	20.90	/	/	21.15	/	/	<=38.45	Pass		
		Inner_Full	22.24	/	/	22.49	/	/	<=38.45	Pass		
		Inner_1RB_Left	22.27	/	/	22.52	/	/	<=38.45	Pass		
		Inner_1RB_Right	22.06	/	/	22.31	/	/	<=38.45	Pass		
	836.5	829	Edge_1RB_Left	20.95	/	/	21.2	/	/	<=38.45	Pass	
			Edge_1RB_Right	21.02	/	/	21.27	/	/	<=38.45	Pass	
			Outer_Full	19.07	/	/	19.32	/	/	<=38.45	Pass	
			Inner_Full	21.99	/	/	22.24	/	/	<=38.45	Pass	
		844	836.5	Inner_1RB_Left	22.09	/	/	22.34	/	/	<=38.45	Pass
				Inner_1RB_Right	22.08	/	/	22.33	/	/	<=38.45	Pass
				Edge_1RB_Left	21.16	/	/	21.41	/	/	<=38.45	Pass
				Edge_1RB_Right	20.98	/	/	21.23	/	/	<=38.45	Pass
844			836.5	Outer_Full	18.96	/	/	19.21	/	/	<=38.45	Pass
				Inner_Full	21.97	/	/	22.22	/	/	<=38.45	Pass
				Inner_1RB_Left	22.11	/	/	22.36	/	/	<=38.45	Pass
				Inner_1RB_Right	21.89	/	/	22.14	/	/	<=38.45	Pass
CP-OFDM 64 QAM	829	Edge_1RB_Left	20.79	/	/	21.04	/	/	<=38.45	Pass		
		Edge_1RB_Right	20.75	/	/	21	/	/	<=38.45	Pass		
		Outer_Full	18.83	/	/	19.08	/	/	<=38.45	Pass		
		Inner_Full	21.84	/	/	22.09	/	/	<=38.45	Pass		
	836.5	829	Inner_1RB_Left	21.82	/	/	22.07	/	/	<=38.45	Pass	
			Inner_1RB_Right	21.52	/	/	21.77	/	/	<=38.45	Pass	
			Edge_1RB_Left	20.68	/	/	20.93	/	/	<=38.45	Pass	
			Edge_1RB_Right	20.60	/	/	20.85	/	/	<=38.45	Pass	
		844	836.5	Outer_Full	18.62	/	/	18.87	/	/	<=38.45	Pass
				Inner_Full	20.55	/	/	20.8	/	/	<=38.45	Pass
				Inner_1RB_Left	20.62	/	/	20.87	/	/	<=38.45	Pass
				Inner_1RB_Right	20.57	/	/	20.82	/	/	<=38.45	Pass
844			836.5	Edge_1RB_Left	20.70	/	/	20.95	/	/	<=38.45	Pass
				Edge_1RB_Right	20.41	/	/	20.66	/	/	<=38.45	Pass
				Outer_Full	18.50	/	/	18.75	/	/	<=38.45	Pass
				Inner_Full	20.46	/	/	20.71	/	/	<=38.45	Pass
CP-OFDM 256 QAM	829	Inner_1RB_Left	20.68	/	/	20.93	/	/	<=38.45	Pass		
		Inner_1RB_Right	20.42	/	/	20.67	/	/	<=38.45	Pass		
		Edge_1RB_Left	20.49	/	/	20.74	/	/	<=38.45	Pass		
		Edge_1RB_Right	20.36	/	/	20.61	/	/	<=38.45	Pass		
	836.5	829	Outer_Full	18.42	/	/	18.67	/	/	<=38.45	Pass	
			Inner_Full	20.37	/	/	20.62	/	/	<=38.45	Pass	
			Inner_1RB_Left	20.42	/	/	20.67	/	/	<=38.45	Pass	
			Inner_1RB_Right	20.27	/	/	20.52	/	/	<=38.45	Pass	
836.5	829	Edge_1RB_Left	17.03	/	/	17.28	/	/	<=38.45	Pass		
		Edge_1RB_Right	17.14	/	/	17.39	/	/	<=38.45	Pass		
		Outer_Full	15.61	/	/	15.86	/	/	<=38.45	Pass		
		Inner_Full	17.56	/	/	17.81	/	/	<=38.45	Pass		
836.5	829	Inner_1RB_Left	17.14	/	/	17.39	/	/	<=38.45	Pass		
		Inner_1RB_Right	17.06	/	/	17.31	/	/	<=38.45	Pass		
		Edge_1RB_Left	17.12	/	/	17.37	/	/	<=38.45	Pass		
		Edge_1RB_Right	16.91	/	/	17.16	/	/	<=38.45	Pass		



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844	Outer_Full	15.48	/	/	15.73	/	/	<=38.45	Pass
	Inner_Full	17.52	/	/	17.77	/	/	<=38.45	Pass
	Inner_1RB_Left	17.19	/	/	17.44	/	/	<=38.45	Pass
	Inner_1RB_Right	16.98	/	/	17.23	/	/	<=38.45	Pass
	Edge_1RB_Left	16.87	/	/	17.12	/	/	<=38.45	Pass
	Edge_1RB_Right	16.76	/	/	17.01	/	/	<=38.45	Pass
	Outer_Full	15.32	/	/	15.57	/	/	<=38.45	Pass
	Inner_Full	17.31	/	/	17.56	/	/	<=38.45	Pass
	Inner_1RB_Left	16.96	/	/	17.21	/	/	<=38.45	Pass
	Inner_1RB_Right	16.73	/	/	16.98	/	/	<=38.45	Pass

Note1: Antenna Gain: Ant1:2.4dBi;

Note2: ERP=Conducted Power+Antenna Gain-2.15

## 1.3 15k\_SISO\_15MHz\_NTNV\_ERP

### 1.3.1 Test Result

5G NR n26b SCS=15kHz SISO 15MHz 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	831.5	Edge_1RB_Left	23.47	/	/	23.72	/	/	<=38.45	Pass
		Edge_1RB_Right	23.24	/	/	23.49	/	/	<=38.45	Pass
		Outer_Full	23.45	/	/	23.7	/	/	<=38.45	Pass
		Inner_Full	23.45	/	/	23.7	/	/	<=38.45	Pass
		Inner_1RB_Left	23.45	/	/	23.7	/	/	<=38.45	Pass
		Inner_1RB_Right	23.25	/	/	23.5	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.52	/	/	23.77	/	/	<=38.45	Pass
		Edge_1RB_Right	23.07	/	/	23.32	/	/	<=38.45	Pass
		Outer_Full	23.37	/	/	23.62	/	/	<=38.45	Pass
		Inner_Full	23.33	/	/	23.58	/	/	<=38.45	Pass
		Inner_1RB_Left	23.53	/	/	23.78	/	/	<=38.45	Pass
		Inner_1RB_Right	23.11	/	/	23.36	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	23.29	/	/	23.54	/	/	<=38.45	Pass
		Edge_1RB_Right	23.06	/	/	23.31	/	/	<=38.45	Pass
		Outer_Full	23.27	/	/	23.52	/	/	<=38.45	Pass
		Inner_Full	23.19	/	/	23.44	/	/	<=38.45	Pass
		Inner_1RB_Left	23.37	/	/	23.62	/	/	<=38.45	Pass
		Inner_1RB_Right	23.11	/	/	23.36	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	23.00	/	/	23.25	/	/	<=38.45	Pass
		Edge_1RB_Right	22.79	/	/	23.04	/	/	<=38.45	Pass
		Outer_Full	21.44	/	/	21.69	/	/	<=38.45	Pass
		Inner_Full	23.44	/	/	23.69	/	/	<=38.45	Pass
		Inner_1RB_Left	23.55	/	/	23.8	/	/	<=38.45	Pass
		Inner_1RB_Right	23.28	/	/	23.53	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.10	/	/	23.35	/	/	<=38.45	Pass
		Edge_1RB_Right	22.63	/	/	22.88	/	/	<=38.45	Pass



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		Outer_Full	21.36	/	/	21.61	/	/	<=38.45	Pass		
		Inner_Full	23.33	/	/	23.58	/	/	<=38.45	Pass		
		Inner_1RB_Left	23.50	/	/	23.75	/	/	<=38.45	Pass		
		Inner_1RB_Right	23.16	/	/	23.41	/	/	<=38.45	Pass		
	841.5	Edge_1RB_Left	22.85	/	/	23.1	/	/	<=38.45	Pass		
		Edge_1RB_Right	22.61	/	/	22.86	/	/	<=38.45	Pass		
		Outer_Full	21.22	/	/	21.47	/	/	<=38.45	Pass		
		Inner_Full	23.19	/	/	23.44	/	/	<=38.45	Pass		
		Inner_1RB_Left	23.42	/	/	23.67	/	/	<=38.45	Pass		
		Inner_1RB_Right	23.06	/	/	23.31	/	/	<=38.45	Pass		
		DFT-s-OFDM 16 QAM	831.5	Edge_1RB_Left	21.76	/	/	22.01	/	/	<=38.45	Pass
				Edge_1RB_Right	21.71	/	/	21.96	/	/	<=38.45	Pass
Outer_Full	20.44			/	/	20.69	/	/	<=38.45	Pass		
Inner_Full	22.91			/	/	23.16	/	/	<=38.45	Pass		
836.5	Inner_1RB_Left		22.79	/	/	23.04	/	/	<=38.45	Pass		
	Inner_1RB_Right		22.71	/	/	22.96	/	/	<=38.45	Pass		
	Edge_1RB_Left		21.81	/	/	22.06	/	/	<=38.45	Pass		
	Edge_1RB_Right		21.57	/	/	21.82	/	/	<=38.45	Pass		
841.5	Outer_Full		20.35	/	/	20.6	/	/	<=38.45	Pass		
	Inner_Full		22.87	/	/	23.12	/	/	<=38.45	Pass		
	Inner_1RB_Left		23.01	/	/	23.26	/	/	<=38.45	Pass		
	Inner_1RB_Right		22.51	/	/	22.76	/	/	<=38.45	Pass		
	Edge_1RB_Left	21.80	/	/	22.05	/	/	<=38.45	Pass			
	Edge_1RB_Right	21.50	/	/	21.75	/	/	<=38.45	Pass			
	Outer_Full	20.33	/	/	20.58	/	/	<=38.45	Pass			
	Inner_Full	22.63	/	/	22.88	/	/	<=38.45	Pass			
DFT-s-OFDM 64 QAM	831.5	Inner_1RB_Left	22.84	/	/	23.09	/	/	<=38.45	Pass		
		Inner_1RB_Right	22.45	/	/	22.7	/	/	<=38.45	Pass		
		Edge_1RB_Left	21.53	/	/	21.78	/	/	<=38.45	Pass		
		Edge_1RB_Right	21.38	/	/	21.63	/	/	<=38.45	Pass		
		Outer_Full	19.96	/	/	20.21	/	/	<=38.45	Pass		
		Inner_Full	21.51	/	/	21.76	/	/	<=38.45	Pass		
	836.5	Inner_1RB_Left	21.49	/	/	21.74	/	/	<=38.45	Pass		
		Inner_1RB_Right	21.42	/	/	21.67	/	/	<=38.45	Pass		
		Edge_1RB_Left	21.54	/	/	21.79	/	/	<=38.45	Pass		
		Edge_1RB_Right	21.25	/	/	21.5	/	/	<=38.45	Pass		
		Outer_Full	19.85	/	/	20.1	/	/	<=38.45	Pass		
		Inner_Full	21.40	/	/	21.65	/	/	<=38.45	Pass		
841.5	Inner_1RB_Left	21.65	/	/	21.9	/	/	<=38.45	Pass			
	Inner_1RB_Right	21.26	/	/	21.51	/	/	<=38.45	Pass			
	Edge_1RB_Left	21.51	/	/	21.76	/	/	<=38.45	Pass			
	Edge_1RB_Right	21.23	/	/	21.48	/	/	<=38.45	Pass			
	Outer_Full	19.81	/	/	20.06	/	/	<=38.45	Pass			
	Inner_Full	21.15	/	/	21.4	/	/	<=38.45	Pass			
DFT-s-OFDM 256 QAM	831.5	Inner_1RB_Left	21.51	/	/	21.76	/	/	<=38.45	Pass		
		Inner_1RB_Right	21.21	/	/	21.46	/	/	<=38.45	Pass		
		Edge_1RB_Left	19.03	/	/	19.28	/	/	<=38.45	Pass		
		Edge_1RB_Right	18.83	/	/	19.08	/	/	<=38.45	Pass		



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		Outer_Full	16.87	/	/	17.12	/	/	<=38.45	Pass
		Inner_Full	19.35	/	/	19.6	/	/	<=38.45	Pass
		Inner_1RB_Left	18.88	/	/	19.13	/	/	<=38.45	Pass
		Inner_1RB_Right	18.84	/	/	19.09	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.03	/	/	19.28	/	/	<=38.45	Pass
		Edge_1RB_Right	18.66	/	/	18.91	/	/	<=38.45	Pass
		Outer_Full	16.83	/	/	17.08	/	/	<=38.45	Pass
		Inner_Full	19.33	/	/	19.58	/	/	<=38.45	Pass
	841.5	Inner_1RB_Left	19.01	/	/	19.26	/	/	<=38.45	Pass
		Inner_1RB_Right	18.69	/	/	18.94	/	/	<=38.45	Pass
		Edge_1RB_Left	18.94	/	/	19.19	/	/	<=38.45	Pass
		Edge_1RB_Right	18.62	/	/	18.87	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Outer_Full	16.78	/	/	17.03	/	/	<=38.45	Pass
		Inner_Full	19.15	/	/	19.4	/	/	<=38.45	Pass
		Inner_1RB_Left	18.88	/	/	19.13	/	/	<=38.45	Pass
		Inner_1RB_Right	18.65	/	/	18.9	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.98	/	/	21.23	/	/	<=38.45	Pass
		Edge_1RB_Right	20.66	/	/	20.91	/	/	<=38.45	Pass
		Outer_Full	20.87	/	/	21.12	/	/	<=38.45	Pass
		Inner_Full	22.35	/	/	22.6	/	/	<=38.45	Pass
	841.5	Inner_1RB_Left	22.30	/	/	22.55	/	/	<=38.45	Pass
		Inner_1RB_Right	22.38	/	/	22.63	/	/	<=38.45	Pass
		Edge_1RB_Left	20.97	/	/	21.22	/	/	<=38.45	Pass
		Edge_1RB_Right	20.68	/	/	20.93	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Outer_Full	20.83	/	/	21.08	/	/	<=38.45	Pass
		Inner_Full	22.29	/	/	22.54	/	/	<=38.45	Pass
		Inner_1RB_Left	22.50	/	/	22.75	/	/	<=38.45	Pass
		Inner_1RB_Right	22.09	/	/	22.34	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.91	/	/	21.16	/	/	<=38.45	Pass
		Edge_1RB_Right	20.58	/	/	20.83	/	/	<=38.45	Pass
		Outer_Full	20.76	/	/	21.01	/	/	<=38.45	Pass
		Inner_Full	22.09	/	/	22.34	/	/	<=38.45	Pass
	841.5	Inner_1RB_Left	22.38	/	/	22.63	/	/	<=38.45	Pass
		Inner_1RB_Right	22.03	/	/	22.28	/	/	<=38.45	Pass
		Edge_1RB_Left	20.96	/	/	21.21	/	/	<=38.45	Pass
		Edge_1RB_Right	20.90	/	/	21.15	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Outer_Full	18.96	/	/	19.21	/	/	<=38.45	Pass
		Inner_Full	22.00	/	/	22.25	/	/	<=38.45	Pass
		Inner_1RB_Left	21.79	/	/	22.04	/	/	<=38.45	Pass
		Inner_1RB_Right	21.85	/	/	22.1	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.08	/	/	21.33	/	/	<=38.45	Pass
		Edge_1RB_Right	20.69	/	/	20.94	/	/	<=38.45	Pass
		Outer_Full	18.76	/	/	19.01	/	/	<=38.45	Pass
		Inner_Full	21.91	/	/	22.16	/	/	<=38.45	Pass
	841.5	Inner_1RB_Left	22.07	/	/	22.32	/	/	<=38.45	Pass
		Inner_1RB_Right	21.71	/	/	21.96	/	/	<=38.45	Pass
		Edge_1RB_Left	20.88	/	/	21.13	/	/	<=38.45	Pass
		Edge_1RB_Right	20.67	/	/	20.92	/	/	<=38.45	Pass



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CP-OFDM 64 QAM	831.5	Outer_Full	18.76	/	/	19.01	/	/	<=38.45	Pass		
		Inner_Full	21.77	/	/	22.02	/	/	<=38.45	Pass		
		Inner_1RB_Left	21.90	/	/	22.15	/	/	<=38.45	Pass		
		Inner_1RB_Right	21.39	/	/	21.64	/	/	<=38.45	Pass		
	836.5	831.5	Edge_1RB_Left	20.46	/	/	20.71	/	/	<=38.45	Pass	
			Edge_1RB_Right	20.39	/	/	20.64	/	/	<=38.45	Pass	
			Outer_Full	18.38	/	/	18.63	/	/	<=38.45	Pass	
			Inner_Full	20.38	/	/	20.63	/	/	<=38.45	Pass	
		836.5	831.5	Inner_1RB_Left	20.52	/	/	20.77	/	/	<=38.45	Pass
				Inner_1RB_Right	20.38	/	/	20.63	/	/	<=38.45	Pass
				Edge_1RB_Left	20.66	/	/	20.91	/	/	<=38.45	Pass
				Edge_1RB_Right	20.21	/	/	20.46	/	/	<=38.45	Pass
841.5			836.5	Outer_Full	18.38	/	/	18.63	/	/	<=38.45	Pass
				Inner_Full	20.33	/	/	20.58	/	/	<=38.45	Pass
				Inner_1RB_Left	20.43	/	/	20.68	/	/	<=38.45	Pass
				Inner_1RB_Right	20.25	/	/	20.5	/	/	<=38.45	Pass
841.5	831.5	Edge_1RB_Left	20.46	/	/	20.71	/	/	<=38.45	Pass		
		Edge_1RB_Right	20.18	/	/	20.43	/	/	<=38.45	Pass		
		Outer_Full	18.21	/	/	18.46	/	/	<=38.45	Pass		
		Inner_Full	20.22	/	/	20.47	/	/	<=38.45	Pass		
	836.5	831.5	Inner_1RB_Left	20.43	/	/	20.68	/	/	<=38.45	Pass	
			Inner_1RB_Right	20.06	/	/	20.31	/	/	<=38.45	Pass	
			Edge_1RB_Left	17.00	/	/	17.25	/	/	<=38.45	Pass	
			Edge_1RB_Right	16.97	/	/	17.22	/	/	<=38.45	Pass	
		841.5	836.5	Outer_Full	15.50	/	/	15.75	/	/	<=38.45	Pass
				Inner_Full	17.43	/	/	17.68	/	/	<=38.45	Pass
				Inner_1RB_Left	17.05	/	/	17.3	/	/	<=38.45	Pass
				Inner_1RB_Right	16.97	/	/	17.22	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Edge_1RB_Left	17.29	/	/	17.54	/	/	<=38.45	Pass		
		Edge_1RB_Right	16.89	/	/	17.14	/	/	<=38.45	Pass		
		Outer_Full	15.36	/	/	15.61	/	/	<=38.45	Pass		
		Inner_Full	17.27	/	/	17.52	/	/	<=38.45	Pass		
	836.5	831.5	Inner_1RB_Left	17.21	/	/	17.46	/	/	<=38.45	Pass	
			Inner_1RB_Right	16.93	/	/	17.18	/	/	<=38.45	Pass	
			Edge_1RB_Left	16.99	/	/	17.24	/	/	<=38.45	Pass	
			Edge_1RB_Right	16.95	/	/	17.2	/	/	<=38.45	Pass	
		841.5	836.5	Outer_Full	15.27	/	/	15.52	/	/	<=38.45	Pass
				Inner_Full	17.19	/	/	17.44	/	/	<=38.45	Pass
				Inner_1RB_Left	17.04	/	/	17.29	/	/	<=38.45	Pass
				Inner_1RB_Right	16.79	/	/	17.04	/	/	<=38.45	Pass

Note1: Antenna Gain: Ant1:2.4dBi;

Note2: ERP=Conducted Power+Antenna Gain-2.15

## 1.4 15k\_SISO\_20MHz\_NTNV\_ERP

### 1.4.1 Test Result



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5G NR n26b SCS=15kHz SISO 20MHz 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	834	Edge_1RB_Left	23.30	/	/	23.55	/	/	<=38.45	Pass
		Edge_1RB_Right	23.01	/	/	23.26	/	/	<=38.45	Pass
		Outer_Full	23.28	/	/	23.53	/	/	<=38.45	Pass
		Inner_Full	23.30	/	/	23.55	/	/	<=38.45	Pass
		Inner_1RB_Left	23.34	/	/	23.59	/	/	<=38.45	Pass
		Inner_1RB_Right	23.03	/	/	23.28	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.49	/	/	23.74	/	/	<=38.45	Pass
		Edge_1RB_Right	23.15	/	/	23.4	/	/	<=38.45	Pass
		Outer_Full	23.39	/	/	23.64	/	/	<=38.45	Pass
		Inner_Full	23.31	/	/	23.56	/	/	<=38.45	Pass
		Inner_1RB_Left	23.48	/	/	23.73	/	/	<=38.45	Pass
		Inner_1RB_Right	23.09	/	/	23.34	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.41	/	/	23.66	/	/	<=38.45	Pass
		Edge_1RB_Right	23.11	/	/	23.36	/	/	<=38.45	Pass
		Outer_Full	23.30	/	/	23.55	/	/	<=38.45	Pass
		Inner_Full	23.37	/	/	23.62	/	/	<=38.45	Pass
		Inner_1RB_Left	23.48	/	/	23.73	/	/	<=38.45	Pass
		Inner_1RB_Right	23.06	/	/	23.31	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	22.80	/	/	23.05	/	/	<=38.45	Pass
		Edge_1RB_Right	22.62	/	/	22.87	/	/	<=38.45	Pass
		Outer_Full	21.27	/	/	21.52	/	/	<=38.45	Pass
		Inner_Full	23.28	/	/	23.53	/	/	<=38.45	Pass
		Inner_1RB_Left	23.39	/	/	23.64	/	/	<=38.45	Pass
		Inner_1RB_Right	23.12	/	/	23.37	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.19	/	/	23.44	/	/	<=38.45	Pass
		Edge_1RB_Right	22.65	/	/	22.9	/	/	<=38.45	Pass
		Outer_Full	21.41	/	/	21.66	/	/	<=38.45	Pass
		Inner_Full	23.36	/	/	23.61	/	/	<=38.45	Pass
		Inner_1RB_Left	23.55	/	/	23.8	/	/	<=38.45	Pass
		Inner_1RB_Right	23.23	/	/	23.48	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.91	/	/	23.16	/	/	<=38.45	Pass
		Edge_1RB_Right	22.58	/	/	22.83	/	/	<=38.45	Pass
		Outer_Full	21.27	/	/	21.52	/	/	<=38.45	Pass
		Inner_Full	23.26	/	/	23.51	/	/	<=38.45	Pass
		Inner_1RB_Left	23.51	/	/	23.76	/	/	<=38.45	Pass
		Inner_1RB_Right	23.08	/	/	23.33	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	21.73	/	/	21.98	/	/	<=38.45	Pass
		Edge_1RB_Right	21.43	/	/	21.68	/	/	<=38.45	Pass
		Outer_Full	20.30	/	/	20.55	/	/	<=38.45	Pass
		Inner_Full	22.83	/	/	23.08	/	/	<=38.45	Pass
		Inner_1RB_Left	22.78	/	/	23.03	/	/	<=38.45	Pass
		Inner_1RB_Right	22.49	/	/	22.74	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.92	/	/	22.17	/	/	<=38.45	Pass
		Edge_1RB_Right	21.62	/	/	21.87	/	/	<=38.45	Pass
		Outer_Full	20.35	/	/	20.6	/	/	<=38.45	Pass



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		Inner_Full	22.91	/	/	23.16	/	/	<=38.45	Pass
		Inner_1RB_Left	23.01	/	/	23.26	/	/	<=38.45	Pass
		Inner_1RB_Right	22.62	/	/	22.87	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.98	/	/	22.23	/	/	<=38.45	Pass
		Edge_1RB_Right	21.53	/	/	21.78	/	/	<=38.45	Pass
		Outer_Full	20.25	/	/	20.5	/	/	<=38.45	Pass
		Inner_Full	22.76	/	/	23.01	/	/	<=38.45	Pass
		Inner_1RB_Left	22.90	/	/	23.15	/	/	<=38.45	Pass
		Inner_1RB_Right	22.49	/	/	22.74	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	834	Edge_1RB_Left	21.47	/	/	21.72	/	/	<=38.45	Pass
		Edge_1RB_Right	21.17	/	/	21.42	/	/	<=38.45	Pass
		Outer_Full	19.93	/	/	20.18	/	/	<=38.45	Pass
	836.5	Inner_Full	21.35	/	/	21.6	/	/	<=38.45	Pass
		Inner_1RB_Left	21.49	/	/	21.74	/	/	<=38.45	Pass
		Inner_1RB_Right	21.33	/	/	21.58	/	/	<=38.45	Pass
		Edge_1RB_Left	21.76	/	/	22.01	/	/	<=38.45	Pass
		Edge_1RB_Right	21.28	/	/	21.53	/	/	<=38.45	Pass
		Outer_Full	19.90	/	/	20.15	/	/	<=38.45	Pass
	839	Inner_Full	21.40	/	/	21.65	/	/	<=38.45	Pass
		Inner_1RB_Left	21.69	/	/	21.94	/	/	<=38.45	Pass
		Inner_1RB_Right	21.32	/	/	21.57	/	/	<=38.45	Pass
Edge_1RB_Left		21.71	/	/	21.96	/	/	<=38.45	Pass	
Edge_1RB_Right		21.21	/	/	21.46	/	/	<=38.45	Pass	
Outer_Full		19.81	/	/	20.06	/	/	<=38.45	Pass	
DFT-s-OFDM 256 QAM	834	Inner_Full	21.25	/	/	21.5	/	/	<=38.45	Pass
		Inner_1RB_Left	21.57	/	/	21.82	/	/	<=38.45	Pass
		Inner_1RB_Right	21.25	/	/	21.5	/	/	<=38.45	Pass
		Edge_1RB_Left	18.81	/	/	19.06	/	/	<=38.45	Pass
		Edge_1RB_Right	18.61	/	/	18.86	/	/	<=38.45	Pass
		Outer_Full	16.86	/	/	17.11	/	/	<=38.45	Pass
	836.5	Inner_Full	19.29	/	/	19.54	/	/	<=38.45	Pass
		Inner_1RB_Left	18.81	/	/	19.06	/	/	<=38.45	Pass
		Inner_1RB_Right	18.57	/	/	18.82	/	/	<=38.45	Pass
		Edge_1RB_Left	19.01	/	/	19.26	/	/	<=38.45	Pass
		Edge_1RB_Right	18.74	/	/	18.99	/	/	<=38.45	Pass
		Outer_Full	16.87	/	/	17.12	/	/	<=38.45	Pass
	839	Inner_Full	19.35	/	/	19.6	/	/	<=38.45	Pass
		Inner_1RB_Left	19.01	/	/	19.26	/	/	<=38.45	Pass
		Inner_1RB_Right	18.74	/	/	18.99	/	/	<=38.45	Pass
		Edge_1RB_Left	19.05	/	/	19.3	/	/	<=38.45	Pass
		Edge_1RB_Right	18.67	/	/	18.92	/	/	<=38.45	Pass
		Outer_Full	16.73	/	/	16.98	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Inner_Full	19.21	/	/	19.46	/	/	<=38.45	Pass
		Inner_1RB_Left	19.07	/	/	19.32	/	/	<=38.45	Pass
		Inner_1RB_Right	18.58	/	/	18.83	/	/	<=38.45	Pass
	Edge_1RB_Left	20.90	/	/	21.15	/	/	<=38.45	Pass	
	Edge_1RB_Right	20.73	/	/	20.98	/	/	<=38.45	Pass	
	Outer_Full	20.82	/	/	21.07	/	/	<=38.45	Pass	



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		Inner_Full	22.25	/	/	22.5	/	/	<=38.45	Pass
		Inner_1RB_Left	22.12	/	/	22.37	/	/	<=38.45	Pass
		Inner_1RB_Right	22.03	/	/	22.28	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.15	/	/	21.4	/	/	<=38.45	Pass
		Edge_1RB_Right	20.70	/	/	20.95	/	/	<=38.45	Pass
		Outer_Full	20.89	/	/	21.14	/	/	<=38.45	Pass
		Inner_Full	22.31	/	/	22.56	/	/	<=38.45	Pass
		Inner_1RB_Left	22.51	/	/	22.76	/	/	<=38.45	Pass
		Inner_1RB_Right	22.22	/	/	22.47	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.00	/	/	21.25	/	/	<=38.45	Pass
		Edge_1RB_Right	20.72	/	/	20.97	/	/	<=38.45	Pass
		Outer_Full	20.78	/	/	21.03	/	/	<=38.45	Pass
		Inner_Full	22.20	/	/	22.45	/	/	<=38.45	Pass
		Inner_1RB_Left	22.47	/	/	22.72	/	/	<=38.45	Pass
		Inner_1RB_Right	22.02	/	/	22.27	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Edge_1RB_Left	20.87	/	/	21.12	/	/	<=38.45	Pass
		Edge_1RB_Right	20.61	/	/	20.86	/	/	<=38.45	Pass
		Outer_Full	18.77	/	/	19.02	/	/	<=38.45	Pass
		Inner_Full	21.95	/	/	22.2	/	/	<=38.45	Pass
		Inner_1RB_Left	21.69	/	/	21.94	/	/	<=38.45	Pass
		Inner_1RB_Right	21.36	/	/	21.61	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.05	/	/	21.3	/	/	<=38.45	Pass
		Edge_1RB_Right	20.73	/	/	20.98	/	/	<=38.45	Pass
		Outer_Full	18.82	/	/	19.07	/	/	<=38.45	Pass
		Inner_Full	21.84	/	/	22.09	/	/	<=38.45	Pass
		Inner_1RB_Left	22.06	/	/	22.31	/	/	<=38.45	Pass
		Inner_1RB_Right	21.71	/	/	21.96	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.95	/	/	21.2	/	/	<=38.45	Pass
		Edge_1RB_Right	20.66	/	/	20.91	/	/	<=38.45	Pass
		Outer_Full	18.71	/	/	18.96	/	/	<=38.45	Pass
Inner_Full		21.70	/	/	21.95	/	/	<=38.45	Pass	
Inner_1RB_Left		22.00	/	/	22.25	/	/	<=38.45	Pass	
Inner_1RB_Right		21.46	/	/	21.71	/	/	<=38.45	Pass	
CP-OFDM 64 QAM	834	Edge_1RB_Left	20.38	/	/	20.63	/	/	<=38.45	Pass
		Edge_1RB_Right	20.13	/	/	20.38	/	/	<=38.45	Pass
		Outer_Full	18.31	/	/	18.56	/	/	<=38.45	Pass
		Inner_Full	20.38	/	/	20.63	/	/	<=38.45	Pass
		Inner_1RB_Left	20.40	/	/	20.65	/	/	<=38.45	Pass
		Inner_1RB_Right	20.08	/	/	20.33	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.59	/	/	20.84	/	/	<=38.45	Pass
		Edge_1RB_Right	20.33	/	/	20.58	/	/	<=38.45	Pass
		Outer_Full	18.44	/	/	18.69	/	/	<=38.45	Pass
		Inner_Full	20.37	/	/	20.62	/	/	<=38.45	Pass
		Inner_1RB_Left	20.63	/	/	20.88	/	/	<=38.45	Pass
		Inner_1RB_Right	20.18	/	/	20.43	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.47	/	/	20.72	/	/	<=38.45	Pass
		Edge_1RB_Right	20.17	/	/	20.42	/	/	<=38.45	Pass
		Outer_Full	18.29	/	/	18.54	/	/	<=38.45	Pass



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CP-OFDM 256 QAM		Inner_Full	20.23	/	/	20.48	/	/	<=38.45	Pass
		Inner_1RB_Left	20.45	/	/	20.7	/	/	<=38.45	Pass
		Inner_1RB_Right	20.08	/	/	20.33	/	/	<=38.45	Pass
	834	Edge_1RB_Left	16.87	/	/	17.12	/	/	<=38.45	Pass
		Edge_1RB_Right	16.73	/	/	16.98	/	/	<=38.45	Pass
		Outer_Full	15.37	/	/	15.62	/	/	<=38.45	Pass
		Inner_Full	17.31	/	/	17.56	/	/	<=38.45	Pass
		Inner_1RB_Left	16.92	/	/	17.17	/	/	<=38.45	Pass
		Inner_1RB_Right	16.51	/	/	16.76	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.07	/	/	17.32	/	/	<=38.45	Pass
		Edge_1RB_Right	16.87	/	/	17.12	/	/	<=38.45	Pass
		Outer_Full	15.45	/	/	15.7	/	/	<=38.45	Pass
		Inner_Full	17.30	/	/	17.55	/	/	<=38.45	Pass
		Inner_1RB_Left	17.13	/	/	17.38	/	/	<=38.45	Pass
		Inner_1RB_Right	16.79	/	/	17.04	/	/	<=38.45	Pass
	839	Edge_1RB_Left	16.99	/	/	17.24	/	/	<=38.45	Pass
		Edge_1RB_Right	16.71	/	/	16.96	/	/	<=38.45	Pass
		Outer_Full	15.30	/	/	15.55	/	/	<=38.45	Pass
		Inner_Full	17.15	/	/	17.4	/	/	<=38.45	Pass
		Inner_1RB_Left	16.98	/	/	17.23	/	/	<=38.45	Pass
		Inner_1RB_Right	16.55	/	/	16.8	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1:2.4dBi;										
Note2: ERP=Conducted Power+Antenna Gain-2.15										



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Shenzhen Branch Wireless Laboratory

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2. Frequency Stability

2.1 15k\_SISO\_5MHz

2.1.1 Test Result

5G NR n26b 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	836.5	Outer_Full	20	LV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-2.20	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			-20	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
			-10	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
			0	NV	0.50	0.0006	>=-2.5 & <=2.5	Pass
			10	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
			20	NV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass
			40	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
50	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass
				HV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			-30	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass
			-10	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
			0	NV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
			10	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
			20	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			30	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
			40	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
50	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	-1.80	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			-30	NV	0.30	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			-10	NV	-8.00	-0.0096	>=-2.5 & <=2.5	Pass
			0	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
			10	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			20	NV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass
			30	NV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
			40	NV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
50	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
				HV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			-20	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
			-10	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass



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			0	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass			
			10	NV	-2.50	-0.0030	>=-2.5 & <=2.5	Pass			
			20	NV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass			
			30	NV	-1.00	-0.0012	>=-2.5 & <=2.5	Pass			
			40	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass			
			50	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass			
				HV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass			
						-30	NV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
						-20	NV	-6.80	-0.0081	>=-2.5 & <=2.5	Pass
						-10	NV	-8.80	-0.0105	>=-2.5 & <=2.5	Pass
						0	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
						10	NV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass
						20	NV	-1.70	-0.0020	>=-2.5 & <=2.5	Pass
						30	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass
						40	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			50	NV	-1.10	-0.0013	>=-2.5 & <=2.5	Pass			
CP-OFDM QPSK	836.5	Outer_Full	20	LV	1.00	0.0012	>=-2.5 & <=2.5	Pass			
				HV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass			
						-30	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
						-20	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
						-10	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass
						0	NV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
						10	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
						20	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
						30	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
						40	NV	-2.50	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass			
CP-OFDM 16 QAM	836.5	Outer_Full	20	LV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass			
				HV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass			
						-30	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
						-20	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
						-10	NV	-1.70	-0.0020	>=-2.5 & <=2.5	Pass
						0	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
						10	NV	0.60	0.0007	>=-2.5 & <=2.5	Pass
						20	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
						30	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
						40	NV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
			50	NV	-8.60	-0.0103	>=-2.5 & <=2.5	Pass			
CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-3.60	-0.0043	>=-2.5 & <=2.5	Pass			
				HV	-1.50	-0.0018	>=-2.5 & <=2.5	Pass			
						-30	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
						-20	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
						-10	NV	-7.50	-0.0090	>=-2.5 & <=2.5	Pass
						0	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
						10	NV	-2.50	-0.0030	>=-2.5 & <=2.5	Pass
						20	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
			30	NV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass			



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CP-OFDM 256 QAM	836.5	Outer_Full	40	NV	-1.10	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
			20	LV	-1.40	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			-30	NV	-2.50	-0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			0	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			10	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			20	NV	-2.30	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
			40	NV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
			50	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass

2.2 15k\_SISO\_10MHz

2.2.1 Test Result

5G NR n26b 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	836.5	Outer_Full	20	LV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
				HV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			-30	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			-20	NV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass
			-10	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
			10	NV	-2.50	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
			30	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
			40	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
50	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-7.50	-0.0090	>=-2.5 & <=2.5	Pass
				HV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass
			-20	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			-10	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			0	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			10	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
			20	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
			30	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			40	NV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass
50	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	0.60	0.0007	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass



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			-20	NV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
			-10	NV	-1.40	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
			10	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			20	NV	-1.70	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			40	NV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
			50	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
				HV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			-20	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
			-10	NV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
			20	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
			30	NV	-2.20	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	-2.20	-0.0026	>=-2.5 & <=2.5	Pass
50	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
			-30	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			-20	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
			0	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
			10	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
			20	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			30	NV	-0.90	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
50	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass			
CP-OFDM QPSK	836.5	Outer_Full	20	LV	-1.40	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			-20	NV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass
			-10	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-2.60	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
			20	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			30	NV	-1.80	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
50	NV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass			
CP-OFDM 16 QAM	836.5	Outer_Full	20	LV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
				HV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			-20	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
			-10	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			0	NV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass
10	NV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass			



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			20	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			30	NV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
			50	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-1.80	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-7.10	-0.0085	>=-2.5 & <=2.5	Pass
			-30	NV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			0	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-1.60	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			40	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	50	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			20	LV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
				HV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
			-30	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			-20	NV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
			0	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			10	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
			20	NV	-1.70	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
			40	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			50	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass

2.3 15k\_SISO\_15MHz

2.3.1 Test Result

5G NR n26b SCS=15kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	20	LV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
			-20	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			-10	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
			0	NV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
			20	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
			30	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass
			40	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	50	NV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
			20	LV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass



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				HV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass			
			-30	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass			
			-20	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass			
			-10	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass			
			0	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass			
			10	NV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass			
			20	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass			
			30	NV	-6.30	-0.0075	>=-2.5 & <=2.5	Pass			
			40	NV	-1.00	-0.0012	>=-2.5 & <=2.5	Pass			
			50	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass			
				HV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass			
						-30	NV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
						-20	NV	-1.10	-0.0013	>=-2.5 & <=2.5	Pass
						-10	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
						0	NV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
						10	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
						20	NV	-1.60	-0.0019	>=-2.5 & <=2.5	Pass
						30	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
						40	NV	-1.70	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass			
				HV	-2.20	-0.0026	>=-2.5 & <=2.5	Pass			
						-30	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
						-20	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass
						-10	NV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
						0	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
						10	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
						20	NV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
						30	NV	-1.20	-0.0014	>=-2.5 & <=2.5	Pass
						40	NV	-1.80	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass			
				HV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass			
						-30	NV	-7.10	-0.0085	>=-2.5 & <=2.5	Pass
						-20	NV	-3.60	-0.0043	>=-2.5 & <=2.5	Pass
						-10	NV	-2.60	-0.0031	>=-2.5 & <=2.5	Pass
						0	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
						10	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
						20	NV	-1.70	-0.0020	>=-2.5 & <=2.5	Pass
						30	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
						40	NV	-1.10	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass			
CP-OFDM QPSK	836.5	Outer_Full	20	LV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass			
				HV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass			
						-30	NV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
						-20	NV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass			



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			0	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass			
			10	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass			
			20	NV	-2.60	-0.0031	>=-2.5 & <=2.5	Pass			
			30	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass			
			40	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass			
			50	NV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass			
CP-OFDM 16 QAM	836.5	Outer_Full	20	LV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass			
				HV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass			
						-30	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
						-20	NV	-7.50	-0.0090	>=-2.5 & <=2.5	Pass
						-10	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
						0	NV	-8.40	-0.0100	>=-2.5 & <=2.5	Pass
						10	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
						20	NV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass
						30	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
						40	NV	-0.30	-0.0004	>=-2.5 & <=2.5	Pass
			50	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass			
CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass			
				HV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass			
						-30	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
						-20	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
						-10	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
						0	NV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
						10	NV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
						20	NV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
						30	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
						40	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
			50	NV	-7.20	-0.0086	>=-2.5 & <=2.5	Pass			
CP-OFDM 256 QAM	836.5	Outer_Full	20	LV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass			
				HV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass			
						-30	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
						-20	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
						-10	NV	-2.30	-0.0027	>=-2.5 & <=2.5	Pass
						0	NV	-1.70	-0.0020	>=-2.5 & <=2.5	Pass
						10	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
						20	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
						30	NV	-2.20	-0.0026	>=-2.5 & <=2.5	Pass
						40	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
			50	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass			

2.4 15k\_SISO\_20MHz

2.4.1 Test Result

5G NR n26b SCS=15kHz SISO 20MHz							
Modulation	Frequency	RB	Temp.	Volt.	Freq. Error	Freq. vs. rated (ppm)	Verdict



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	(MHz)	Allocation	(°C)		(Hz)	Result	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	20	LV	3.20	0.0038	>=-2.5 & <=2.5	Pass
				HV	2.60	0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	2.60	0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	1.90	0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	2.90	0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-1.00	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	2.30	0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-0.70	-0.0008	>=-2.5 & <=2.5	Pass
50	NV	2.50	0.0030	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	0.70	0.0008	>=-2.5 & <=2.5	Pass
				HV	1.00	0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	2.90	0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-1.60	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	2.40	0.0029	>=-2.5 & <=2.5	Pass
			10	NV	0.20	0.0002	>=-2.5 & <=2.5	Pass
			20	NV	4.30	0.0051	>=-2.5 & <=2.5	Pass
			30	NV	2.30	0.0027	>=-2.5 & <=2.5	Pass
			40	NV	3.30	0.0039	>=-2.5 & <=2.5	Pass
50	NV	0.70	0.0008	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	-0.80	-0.0010	>=-2.5 & <=2.5	Pass
				HV	0.50	0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	0.30	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	1.40	0.0017	>=-2.5 & <=2.5	Pass
			0	NV	1.40	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			20	NV	3.40	0.0041	>=-2.5 & <=2.5	Pass
			30	NV	1.80	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	3.80	0.0045	>=-2.5 & <=2.5	Pass
50	NV	1.40	0.0017	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
				HV	2.00	0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	3.60	0.0043	>=-2.5 & <=2.5	Pass
			-20	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	2.00	0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-0.90	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	2.10	0.0025	>=-2.5 & <=2.5	Pass
			30	NV	2.70	0.0032	>=-2.5 & <=2.5	Pass
			40	NV	4.50	0.0054	>=-2.5 & <=2.5	Pass
50	NV	-2.20	-0.0026	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
				HV	-1.70	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	1.70	0.0020	>=-2.5 & <=2.5	Pass



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			-20	NV	-2.60	-0.0031	>=-2.5 & <=2.5	Pass			
			-10	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass			
			0	NV	-1.10	-0.0013	>=-2.5 & <=2.5	Pass			
			10	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass			
			20	NV	-2.60	-0.0031	>=-2.5 & <=2.5	Pass			
			30	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass			
			40	NV	-2.60	-0.0031	>=-2.5 & <=2.5	Pass			
			50	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass			
CP-OFDM QPSK	836.5	Outer_Full	20	LV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass			
				HV	-3.60	-0.0043	>=-2.5 & <=2.5	Pass			
						-30	NV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
						-20	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
						-10	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
						0	NV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
						10	NV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
						20	NV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
						30	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
						40	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
			50	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass			
CP-OFDM 16 QAM	836.5	Outer_Full	20	LV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass			
				HV	2.00	0.0024	>=-2.5 & <=2.5	Pass			
						-30	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
						-20	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
						-10	NV	2.30	0.0027	>=-2.5 & <=2.5	Pass
						0	NV	-6.30	-0.0075	>=-2.5 & <=2.5	Pass
						10	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
						20	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
						30	NV	-1.70	-0.0020	>=-2.5 & <=2.5	Pass
						40	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			50	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass			
CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass			
				HV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass			
						-30	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
						-20	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
						-10	NV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass
						0	NV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
						10	NV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
						20	NV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
						30	NV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass
						40	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
			50	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass			
CP-OFDM 256 QAM	836.5	Outer_Full	20	LV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass			
				HV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass			
						-30	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
						-20	NV	-1.60	-0.0019	>=-2.5 & <=2.5	Pass
						-10	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
						0	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
			10	NV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass			



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			20	NV	-2.90	-0.0035	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	-3.10	-0.0037	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	-5.60	-0.0067	$\geq -2.5$ & $\leq 2.5$	Pass
			50	NV	-3.10	-0.0037	$\geq -2.5$ & $\leq 2.5$	Pass



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## 3. 99% & 26dB Bandwidth

### 3.1 15k\_SISO\_5MHz\_NTNV

#### 3.1.1 Test Result

5G NR n26b 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	826.5	Outer_Full	4.54	5.13	/	Pass
	836.5	Outer_Full	4.52	5.05	/	Pass
	846.5	Outer_Full	4.53	5.04	/	Pass
DFT-s-OFDM QPSK	826.5	Outer_Full	4.51	5.03	/	Pass
	836.5	Outer_Full	4.52	5.04	/	Pass
	846.5	Outer_Full	4.51	5.00	/	Pass
DFT-s-OFDM 16 QAM	826.5	Outer_Full	4.55	5.05	/	Pass
	836.5	Outer_Full	4.53	5.05	/	Pass
	846.5	Outer_Full	4.56	5.02	/	Pass
DFT-s-OFDM 64 QAM	826.5	Outer_Full	4.54	5.07	/	Pass
	836.5	Outer_Full	4.53	5.05	/	Pass
	846.5	Outer_Full	4.52	5.00	/	Pass
DFT-s-OFDM 256 QAM	826.5	Outer_Full	4.51	5.06	/	Pass
	836.5	Outer_Full	4.53	5.07	/	Pass
	846.5	Outer_Full	4.51	5.05	/	Pass
CP-OFDM QPSK	826.5	Outer_Full	4.54	5.05	/	Pass
	836.5	Outer_Full	4.52	5.09	/	Pass
	846.5	Outer_Full	4.52	5.09	/	Pass
CP-OFDM 16 QAM	826.5	Outer_Full	4.54	5.04	/	Pass
	836.5	Outer_Full	4.57	5.11	/	Pass
	846.5	Outer_Full	4.55	5.09	/	Pass
CP-OFDM 64 QAM	826.5	Outer_Full	4.53	5.08	/	Pass
	836.5	Outer_Full	4.53	5.11	/	Pass
	846.5	Outer_Full	4.53	5.10	/	Pass
CP-OFDM 256 QAM	826.5	Outer_Full	4.53	5.10	/	Pass
	836.5	Outer_Full	4.48	4.98	/	Pass
	846.5	Outer_Full	4.53	5.10	/	Pass



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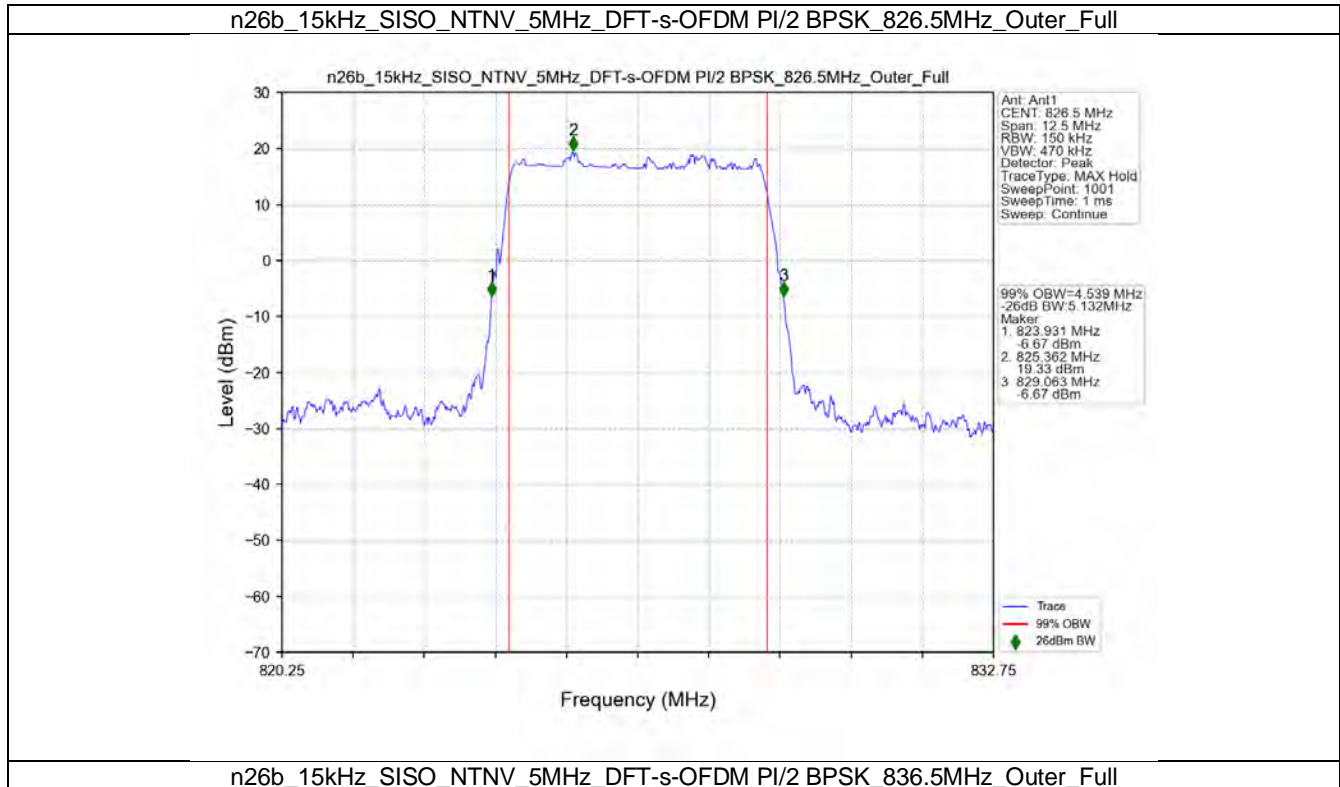
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3.1.2 Test Graph



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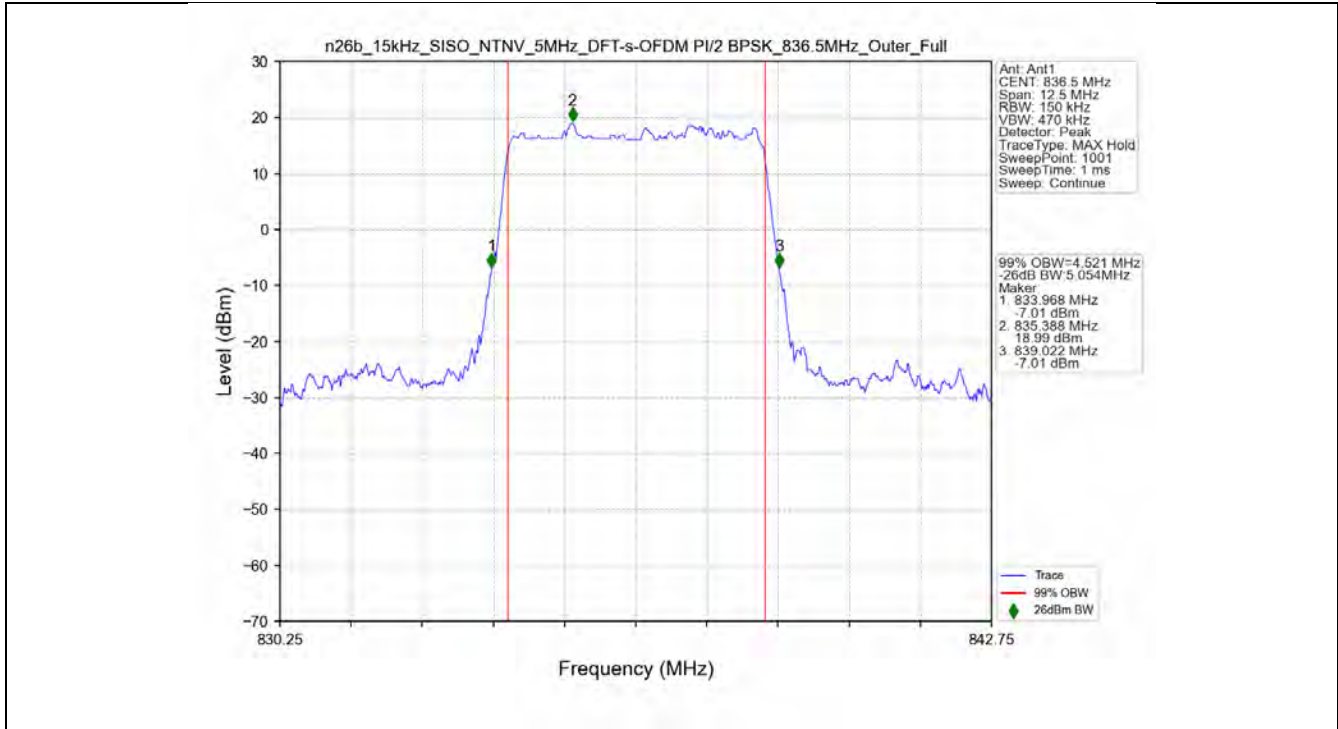


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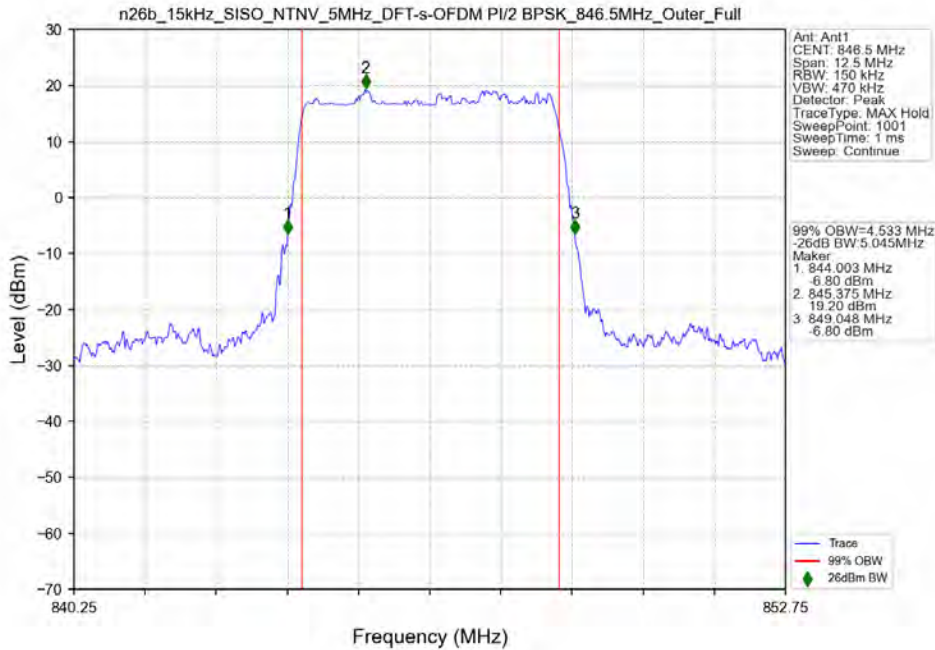
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n26b\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_846.5MHz\_Outer\_Full



n26b\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_826.5MHz\_Outer\_Full



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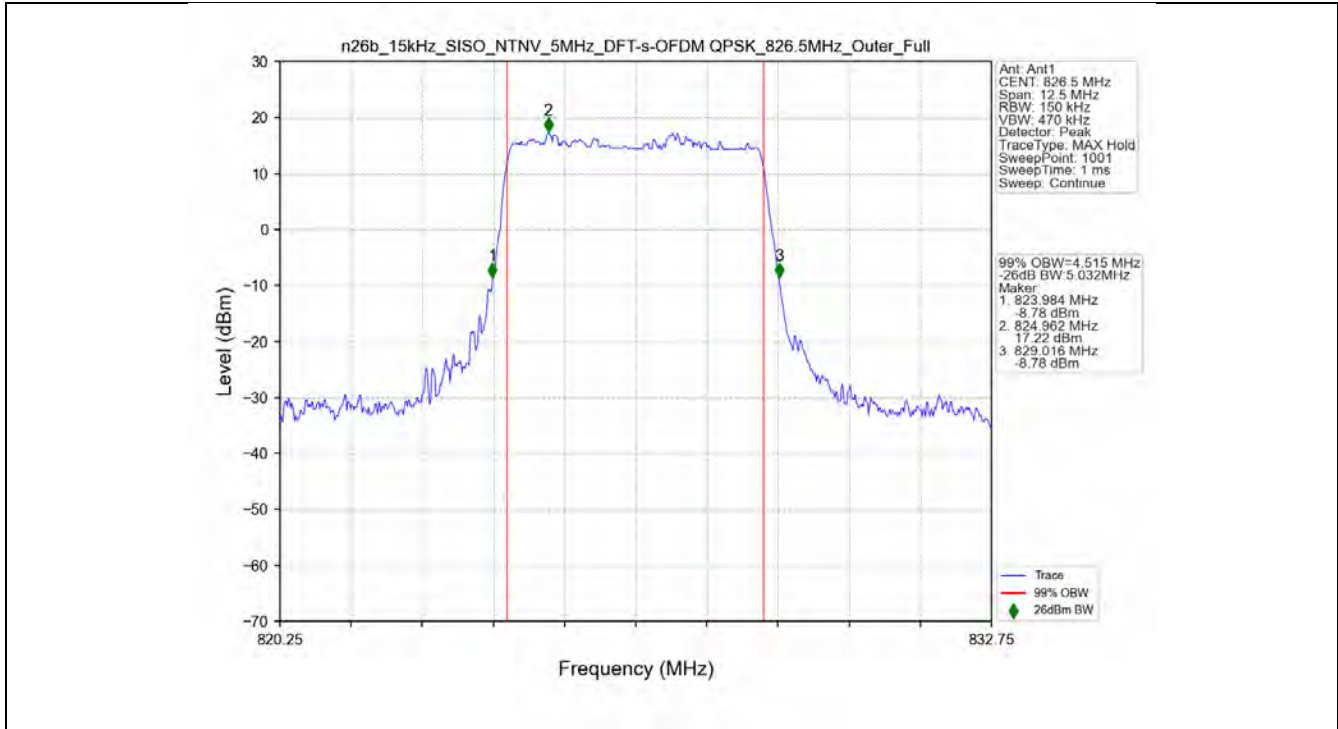


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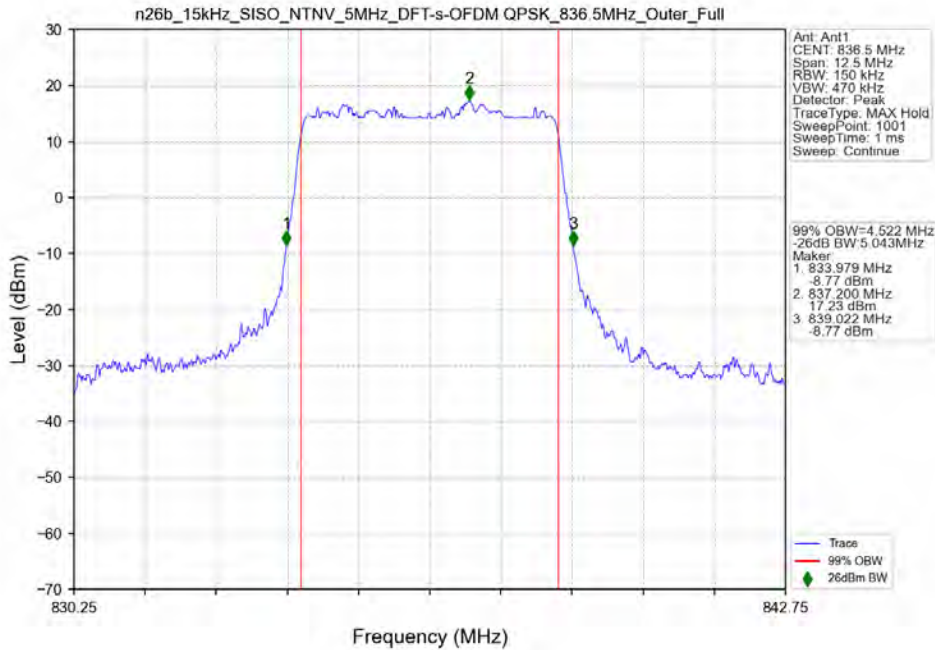
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n26b\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_836.5MHz\_Outer\_Full



n26b\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_846.5MHz\_Outer\_Full



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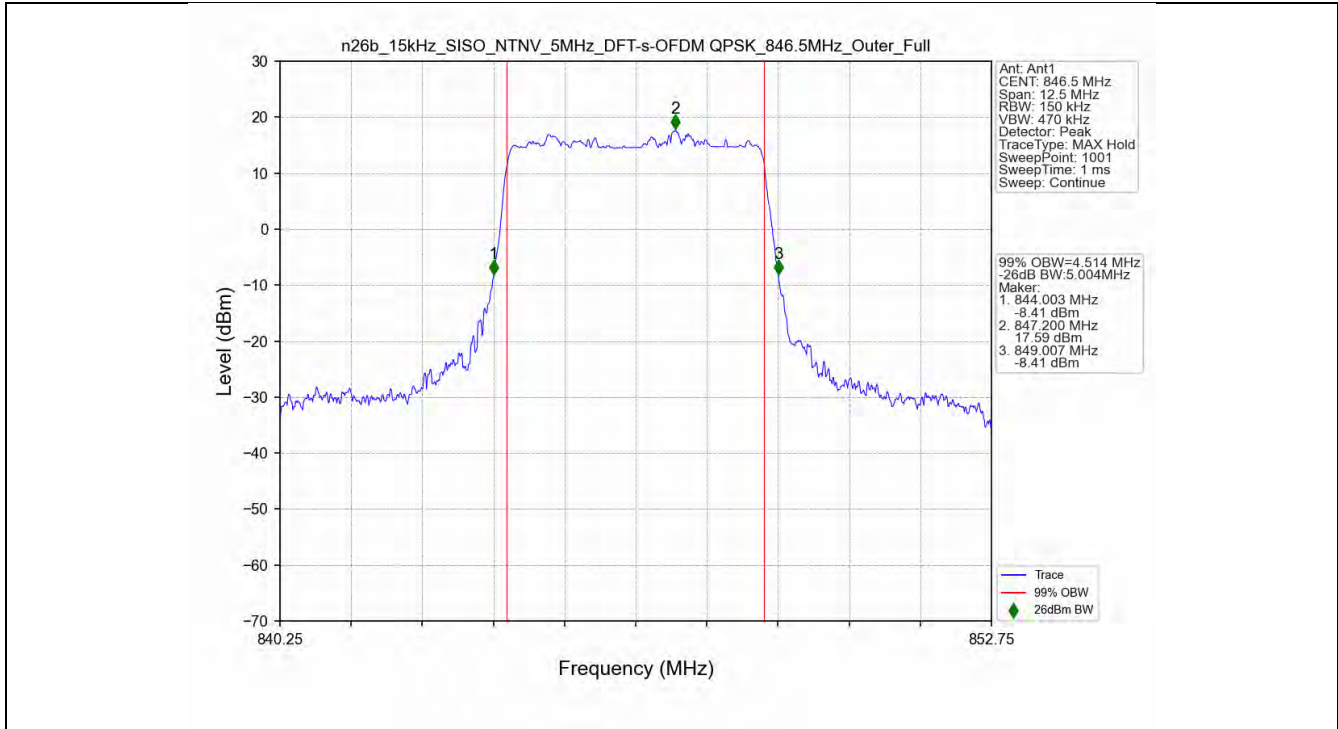


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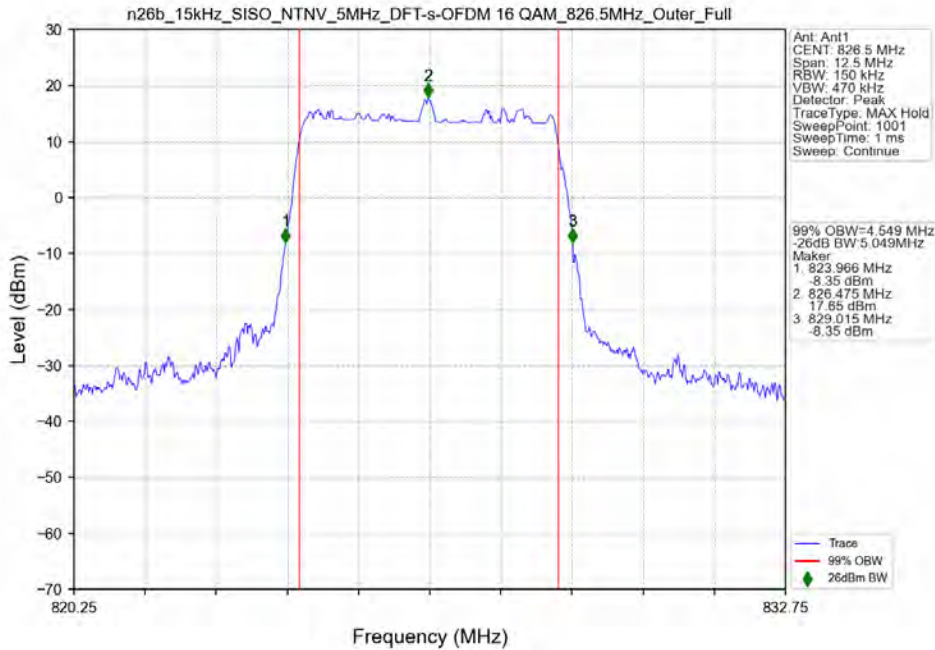
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n26b\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_16 QAM\_826.5MHz\_Outer\_Full



n26b\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_16 QAM\_836.5MHz\_Outer\_Full



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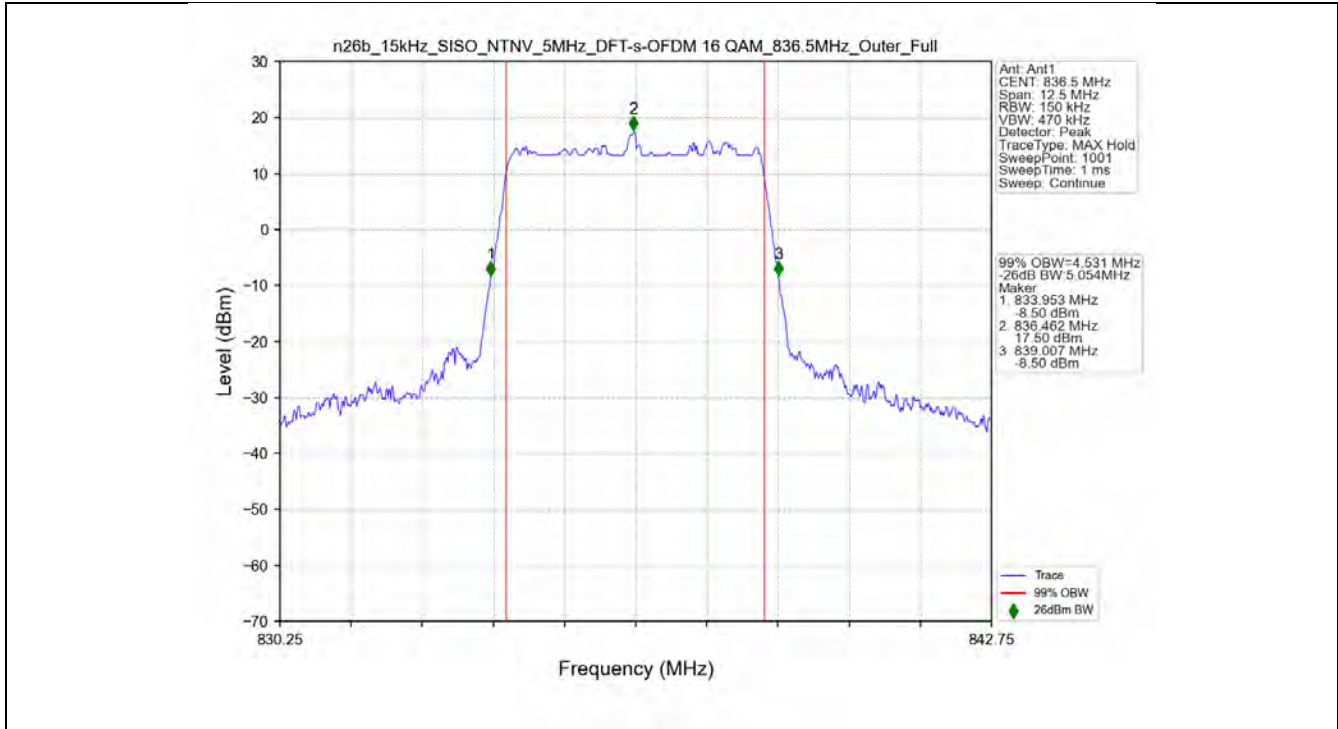


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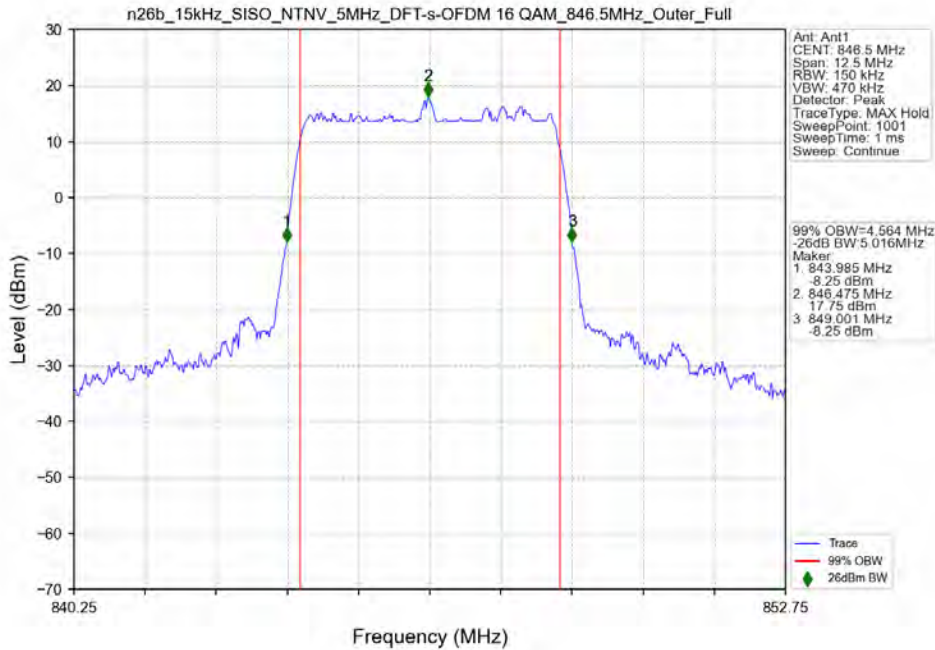
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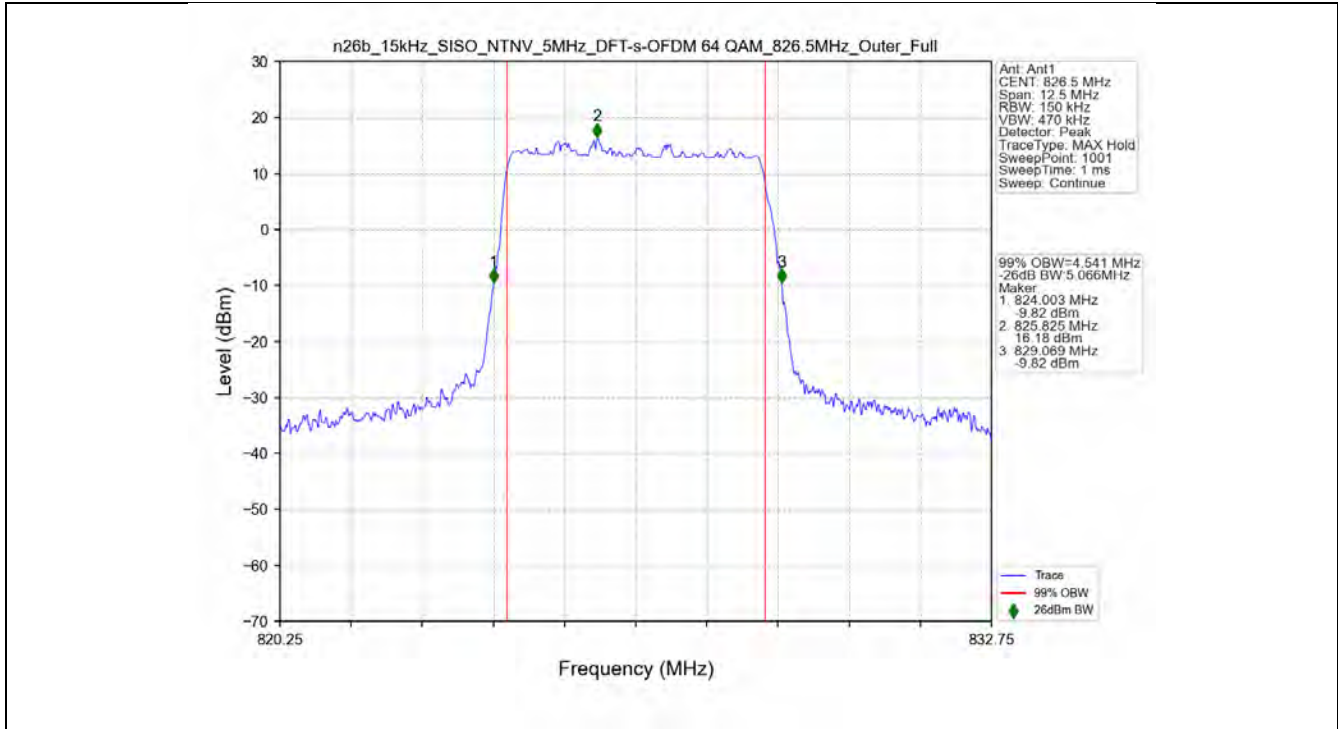


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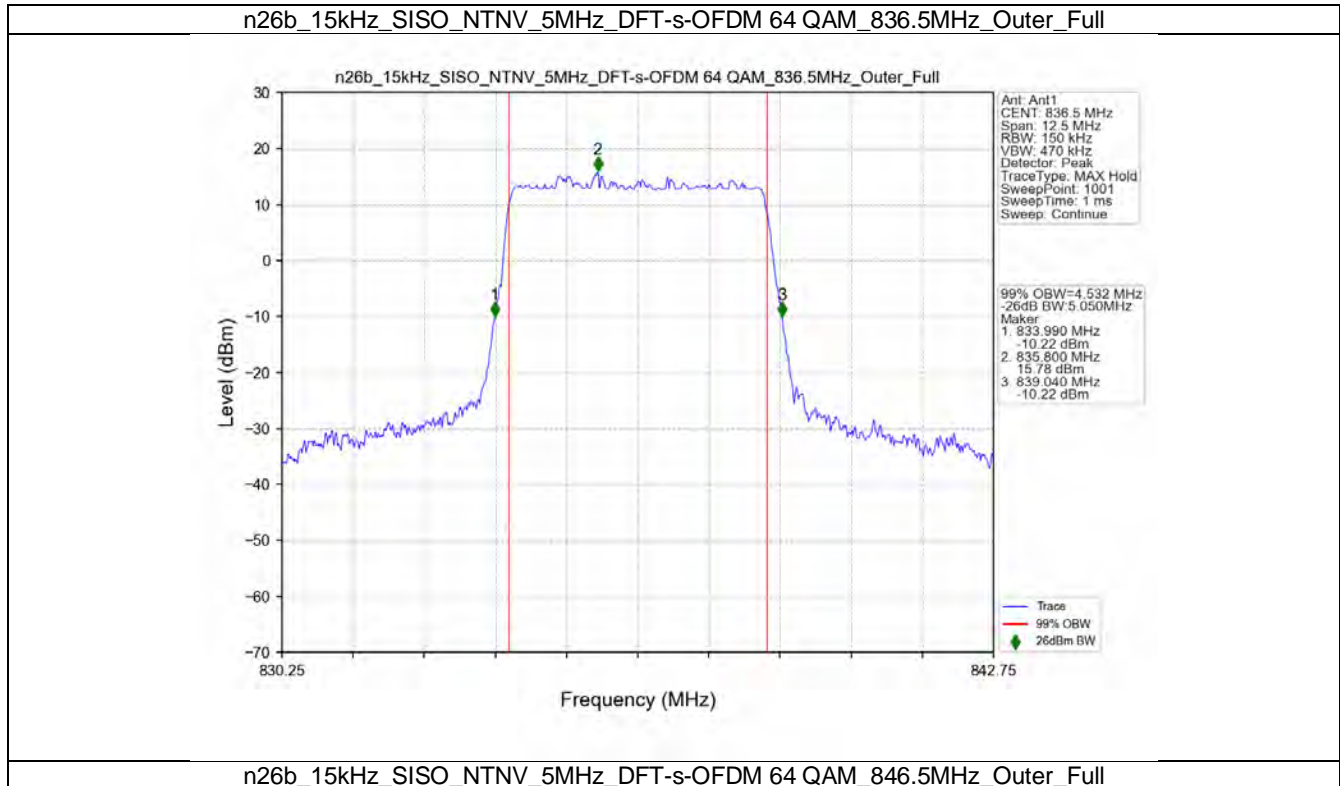


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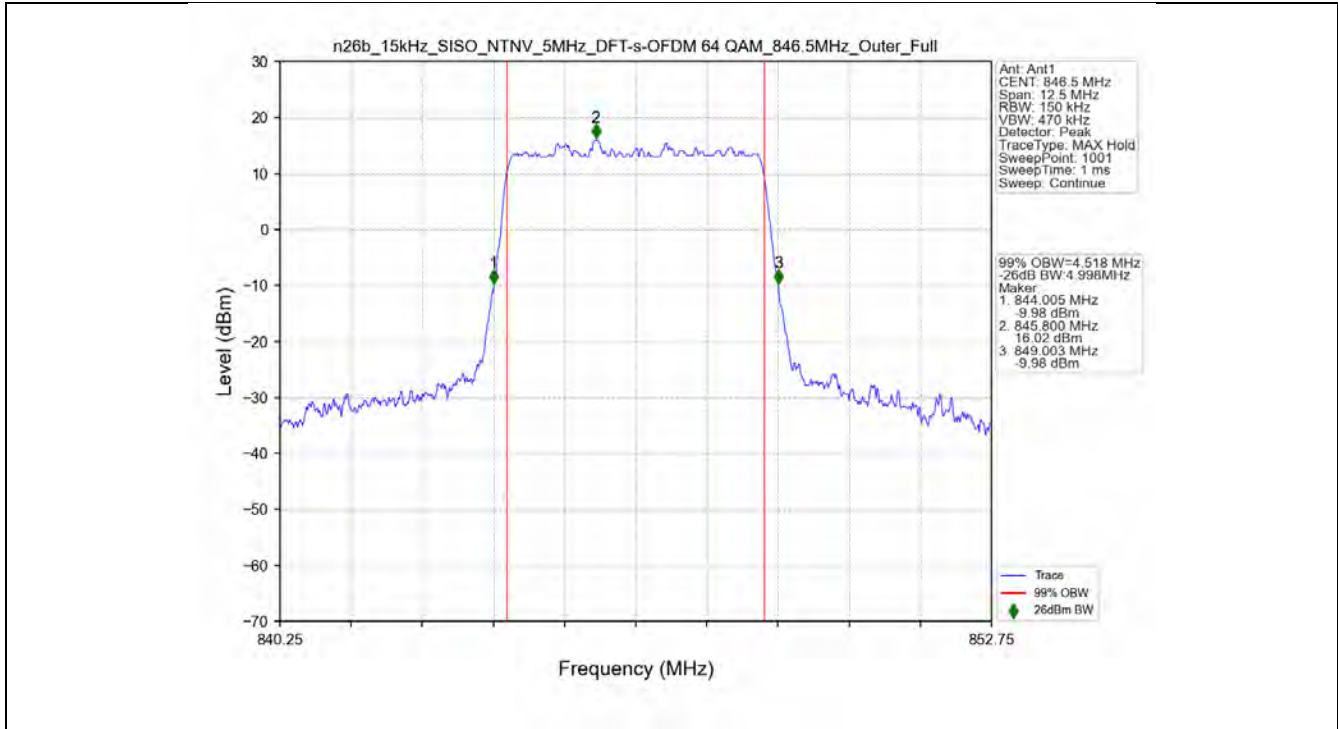


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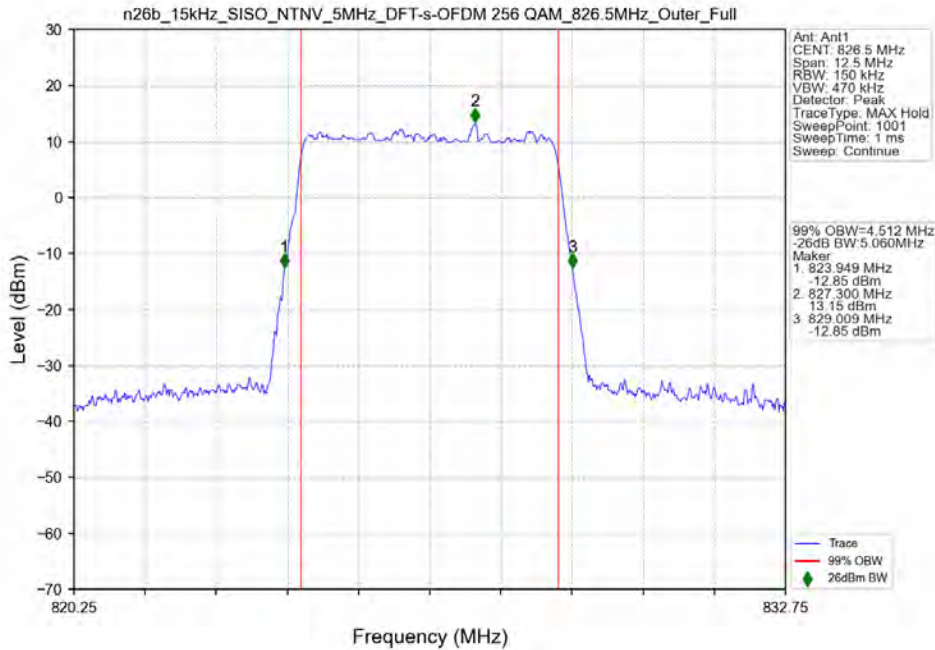
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n26b\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_256\_QAM\_836.5MHz\_Outer\_Full



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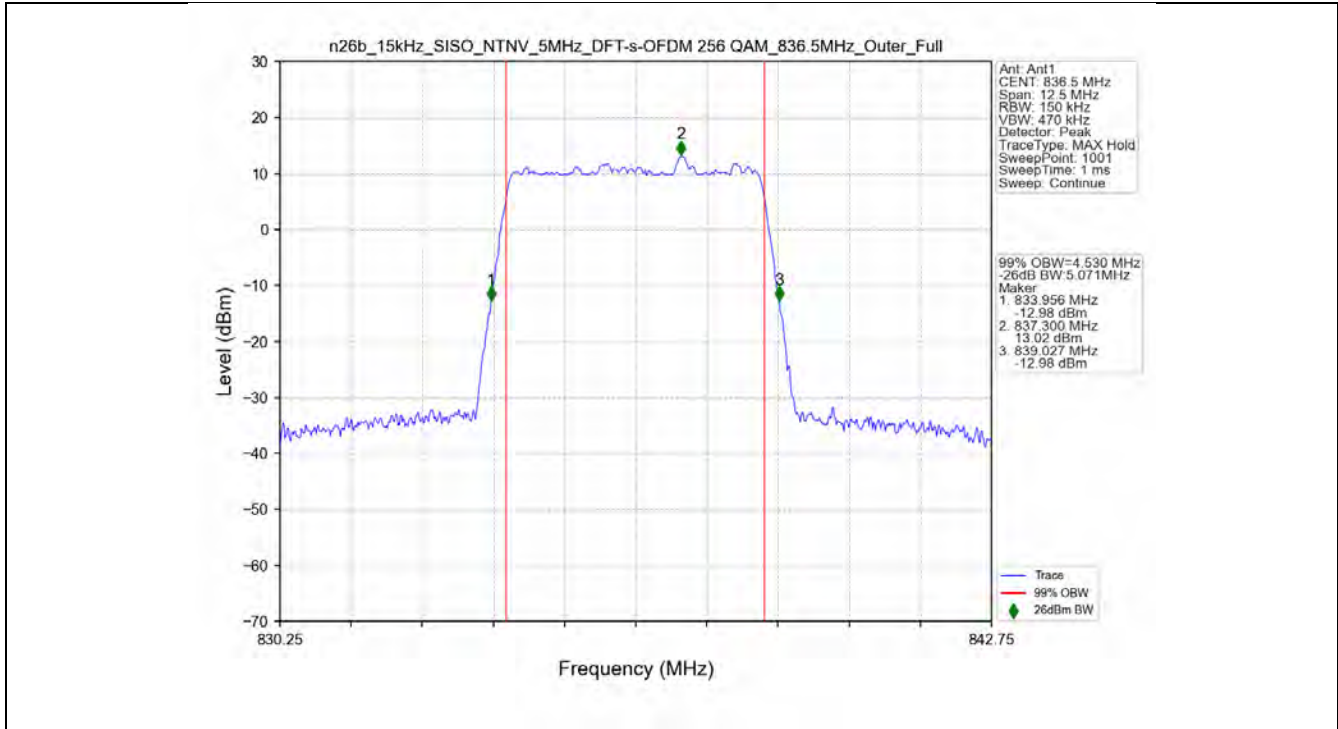


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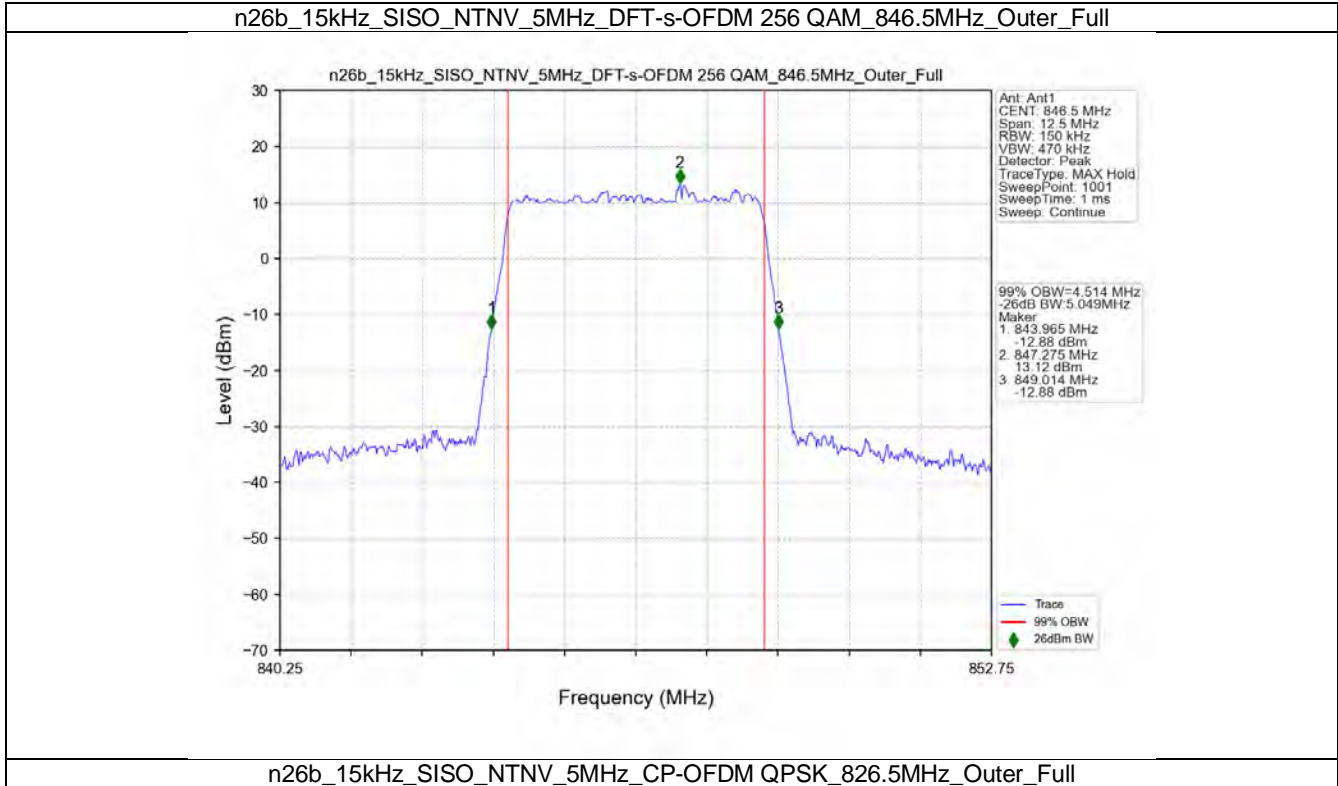


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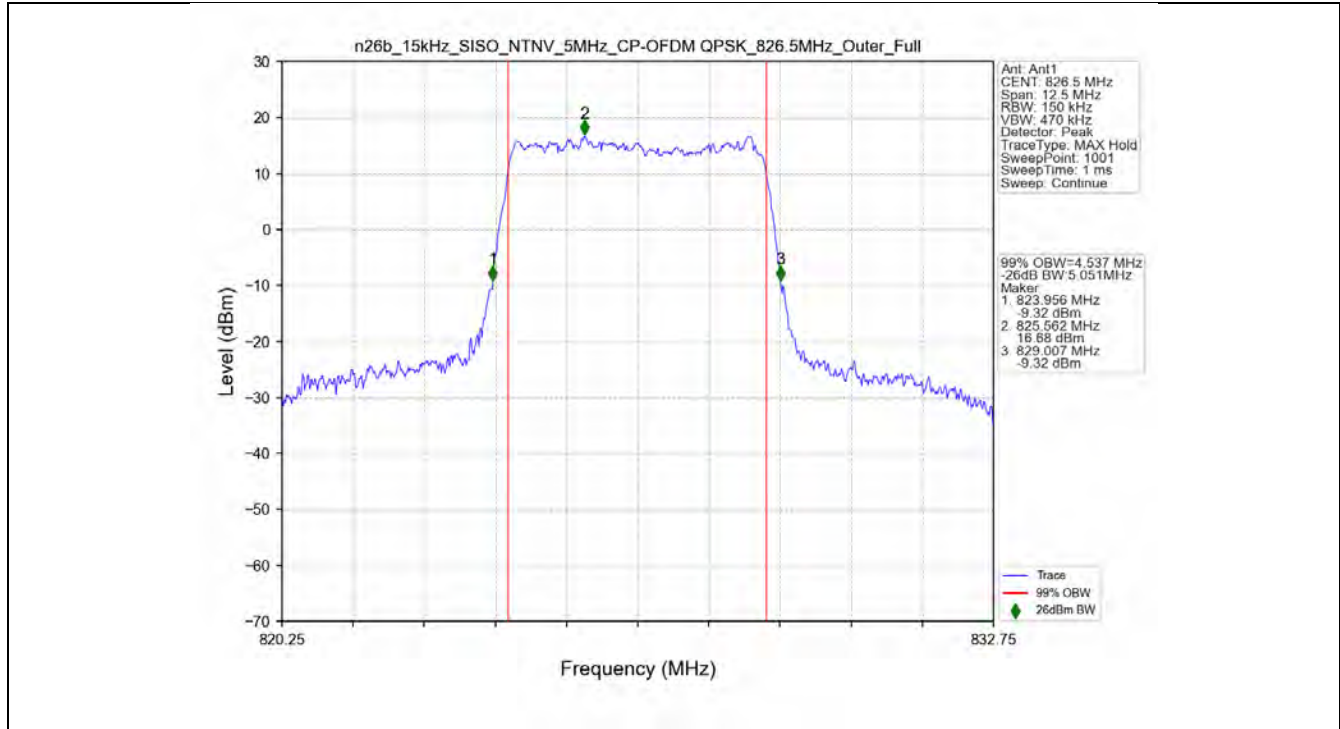


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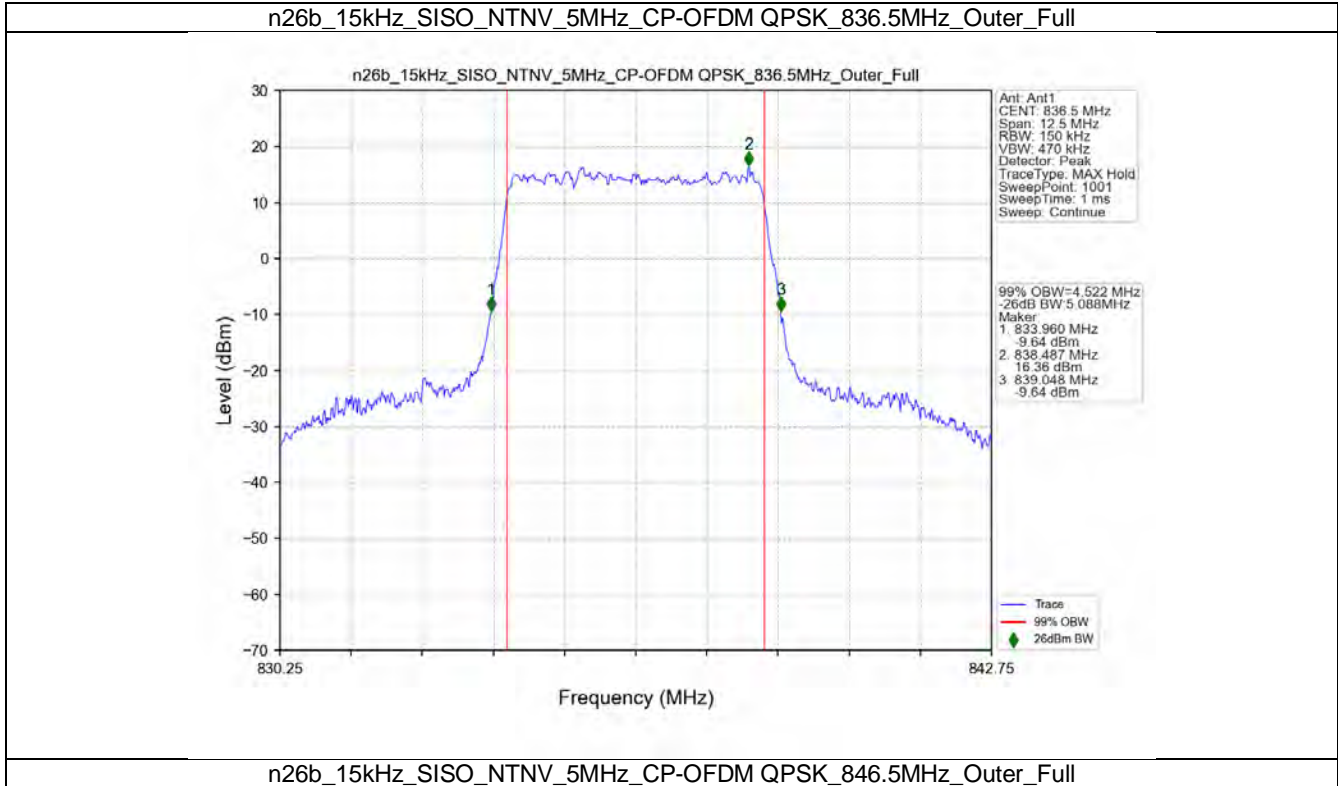


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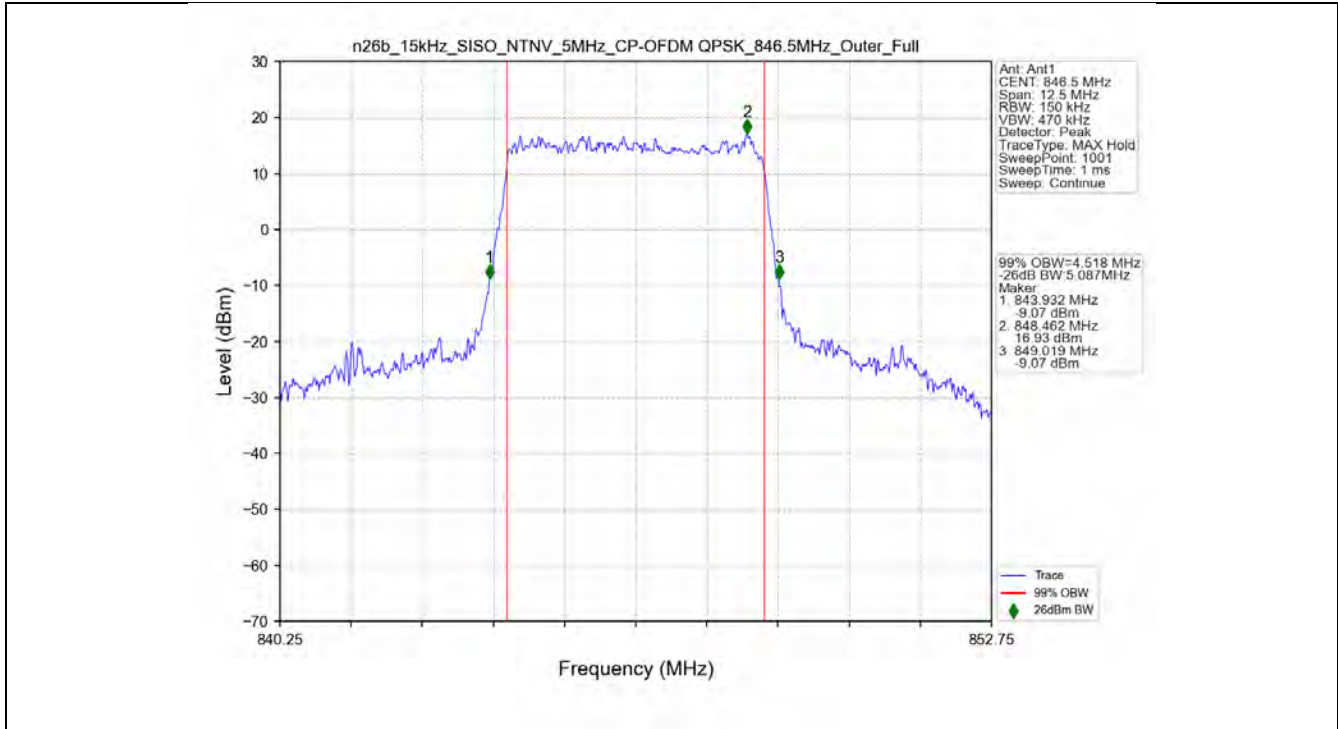


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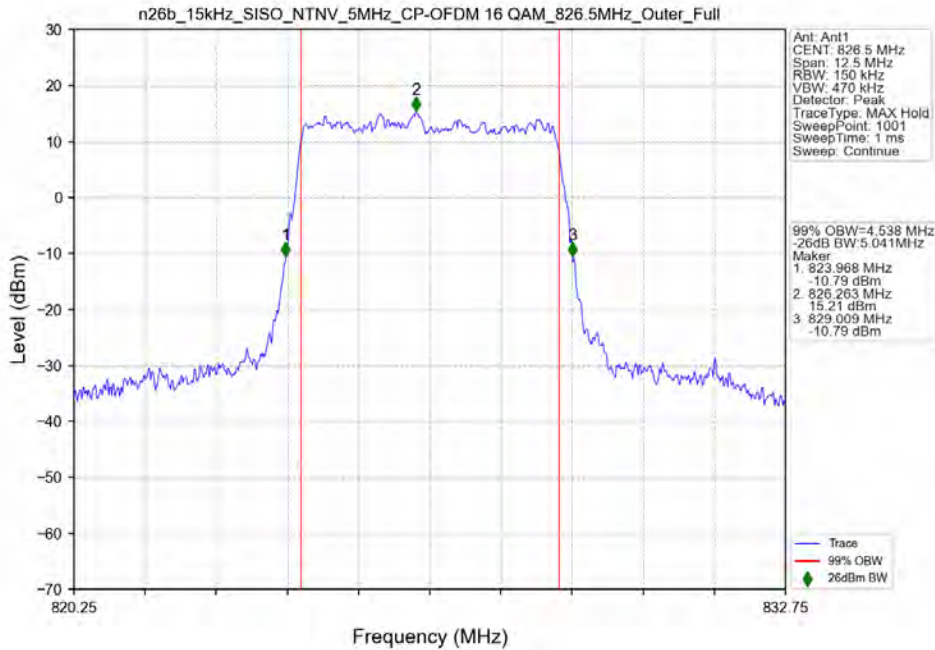
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n26b\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM 16 QAM\_826.5MHz\_Outer\_Full



n26b\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM 16 QAM\_836.5MHz\_Outer\_Full



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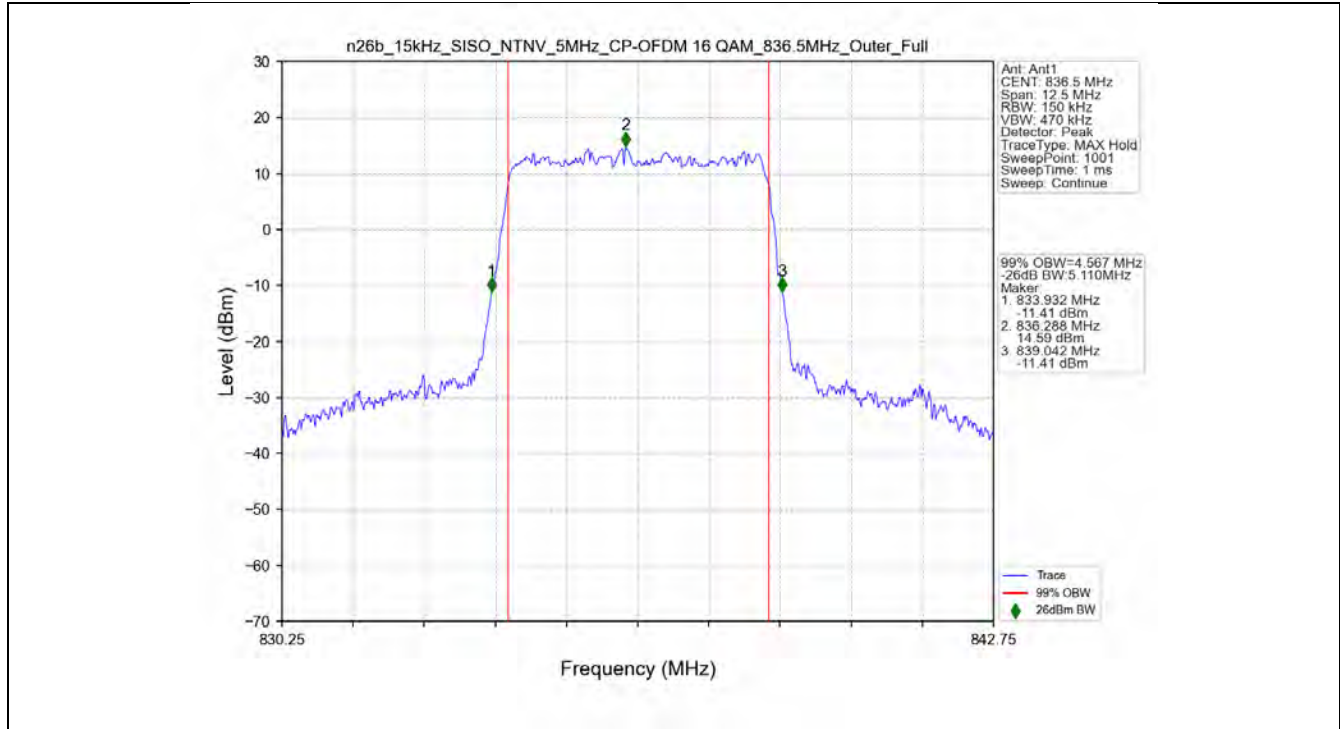


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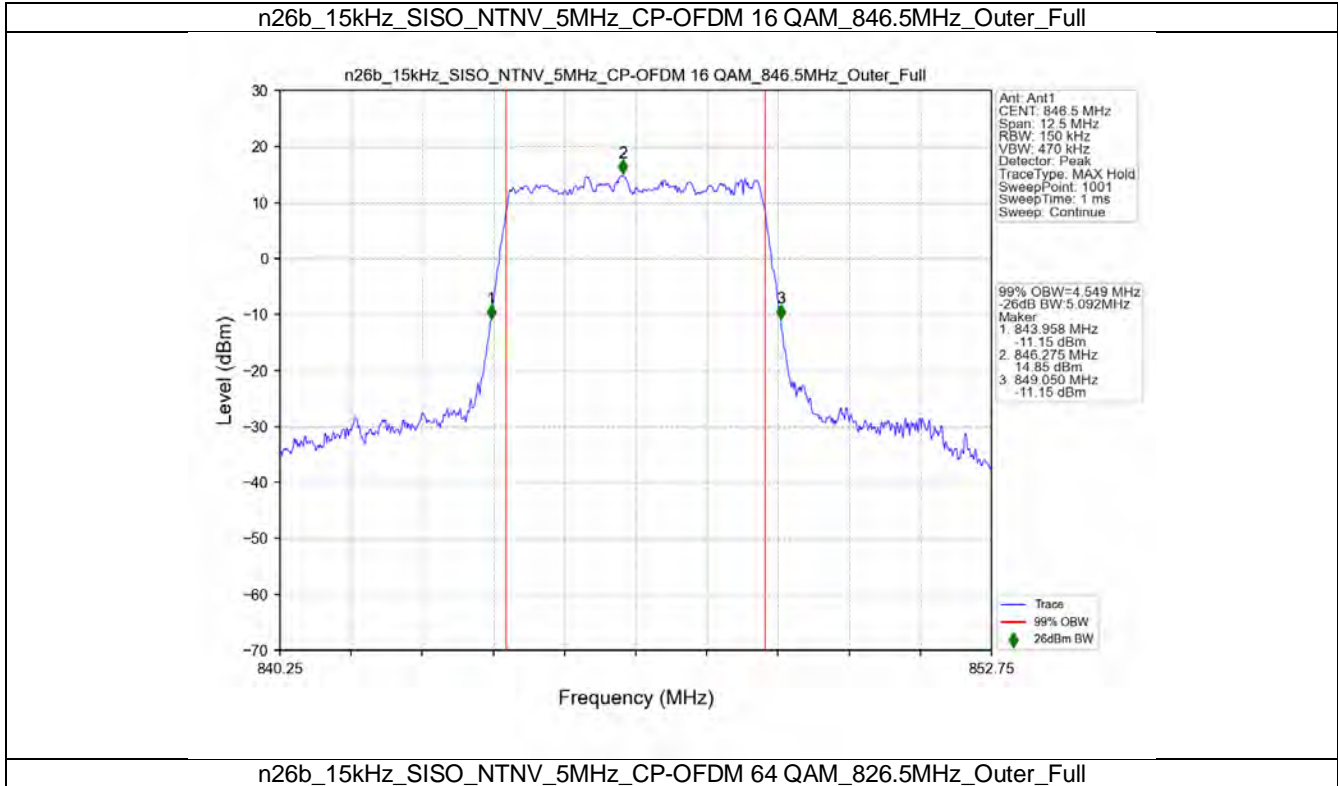


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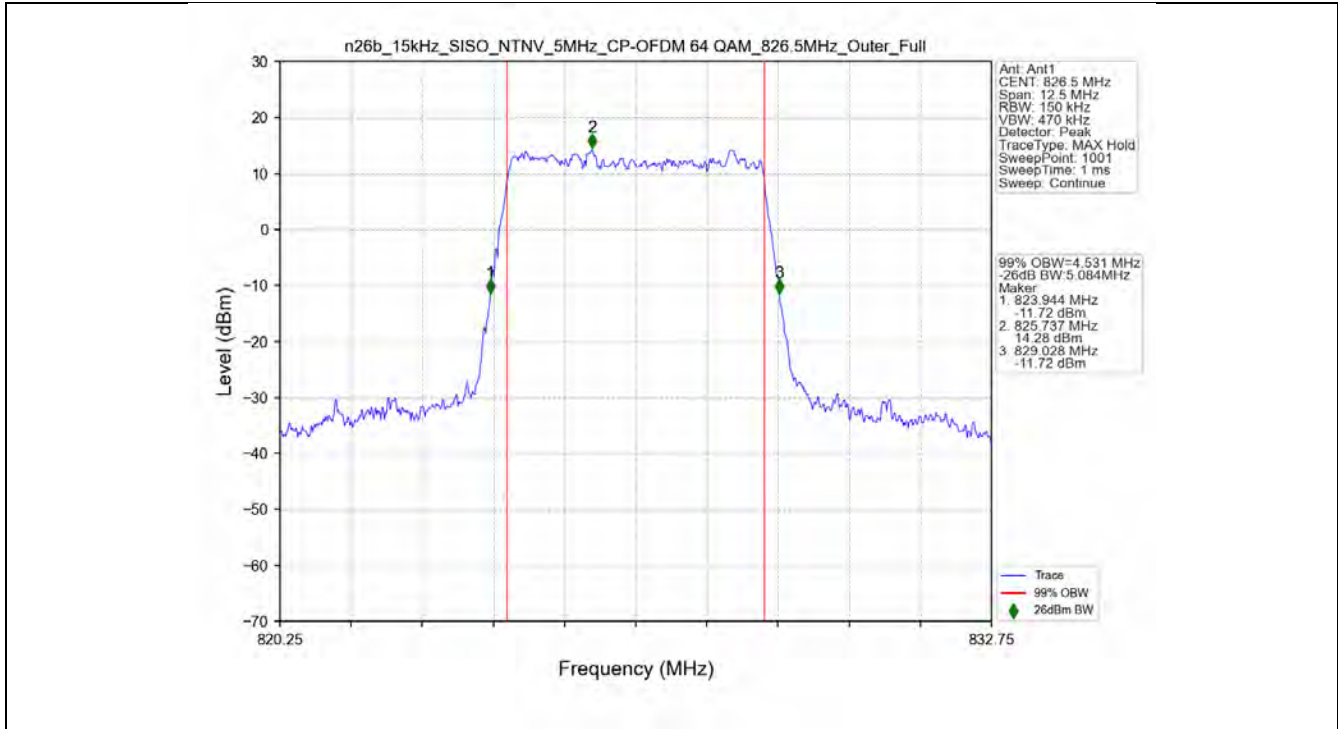


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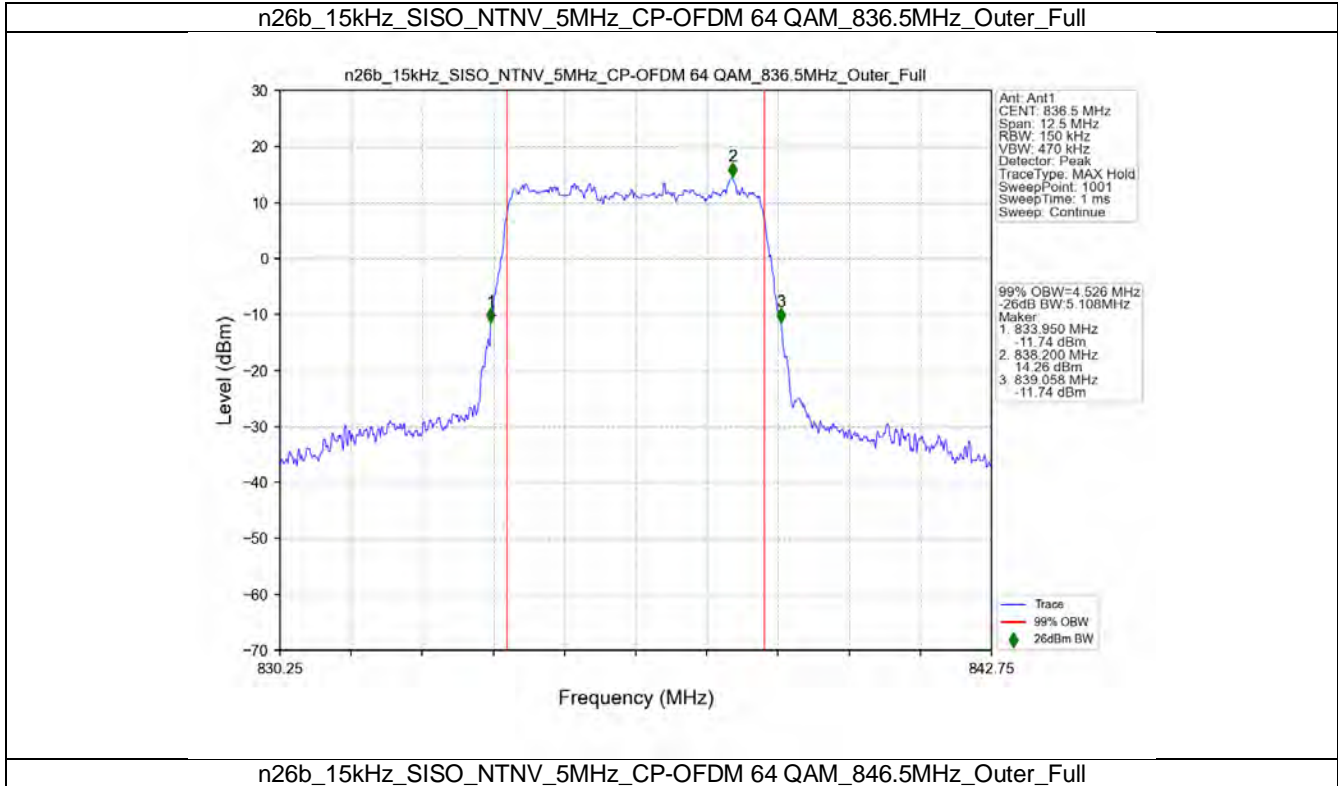


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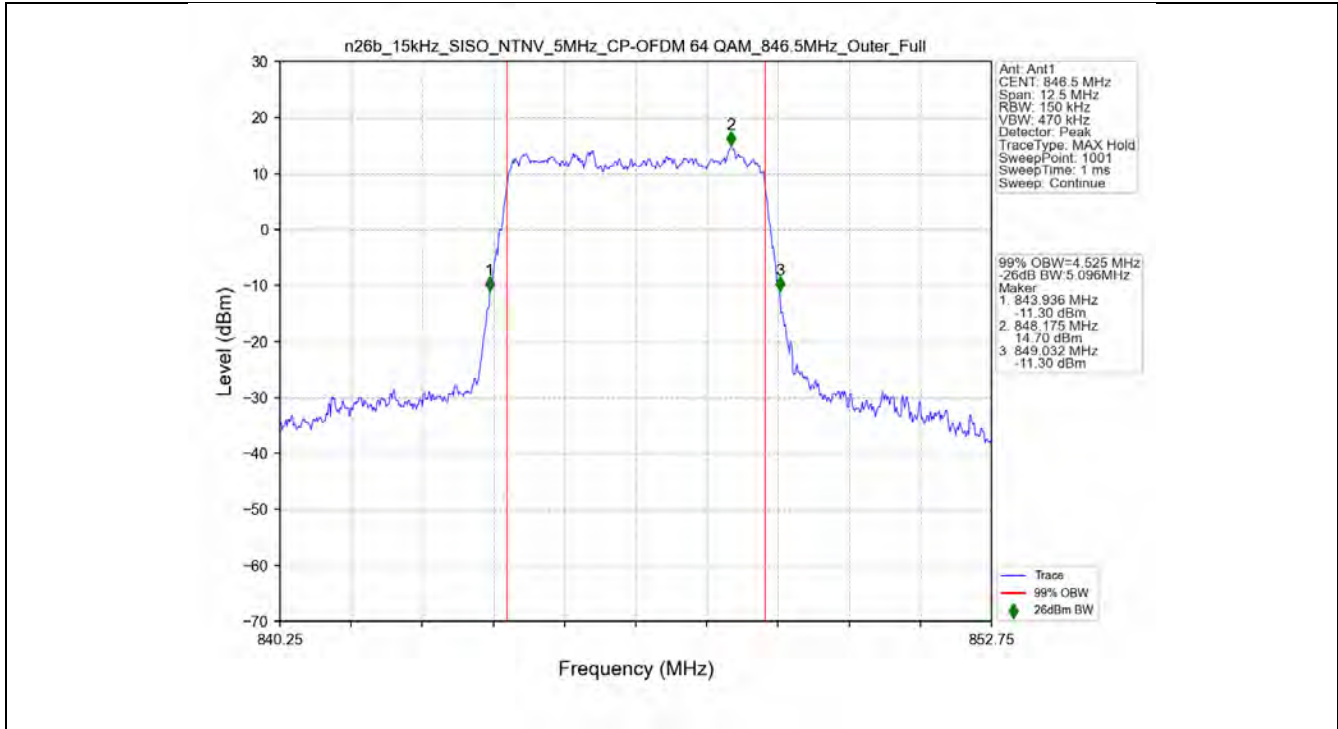


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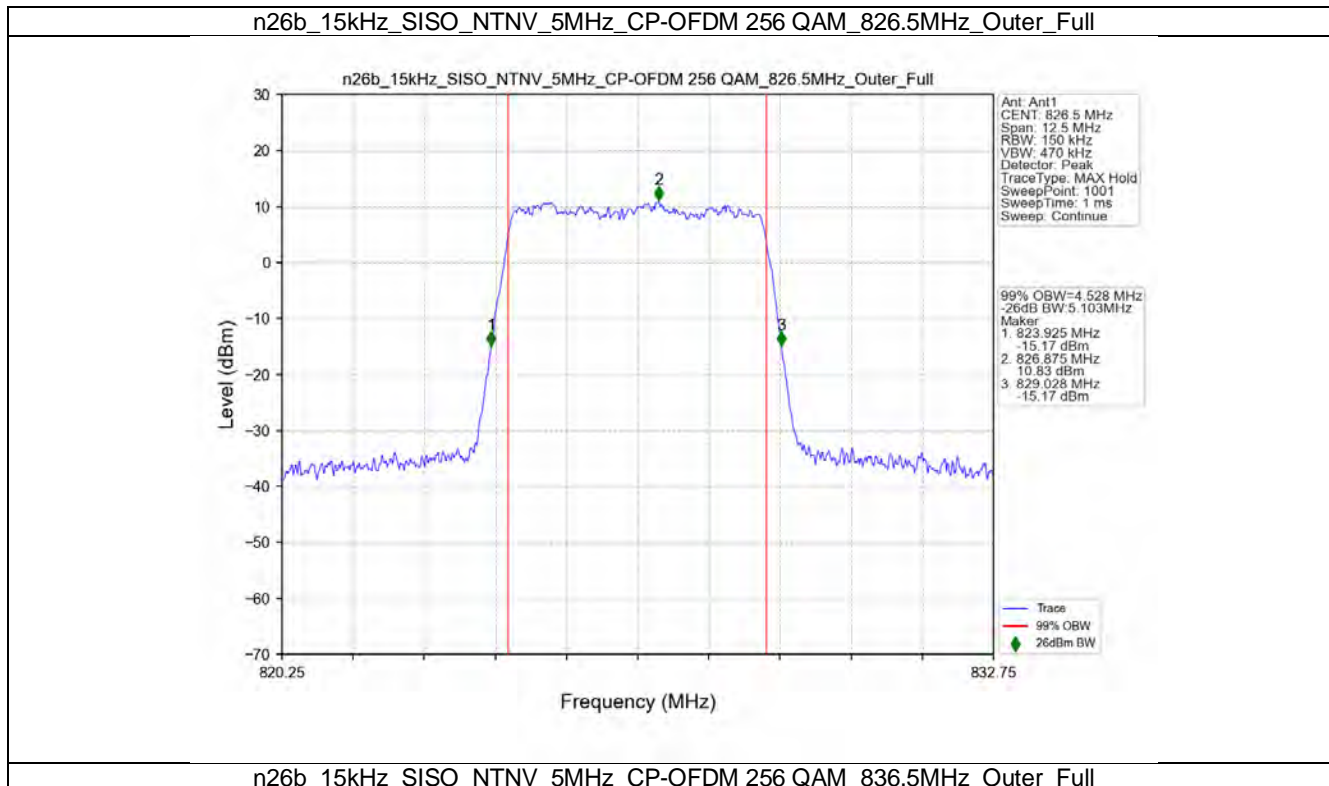
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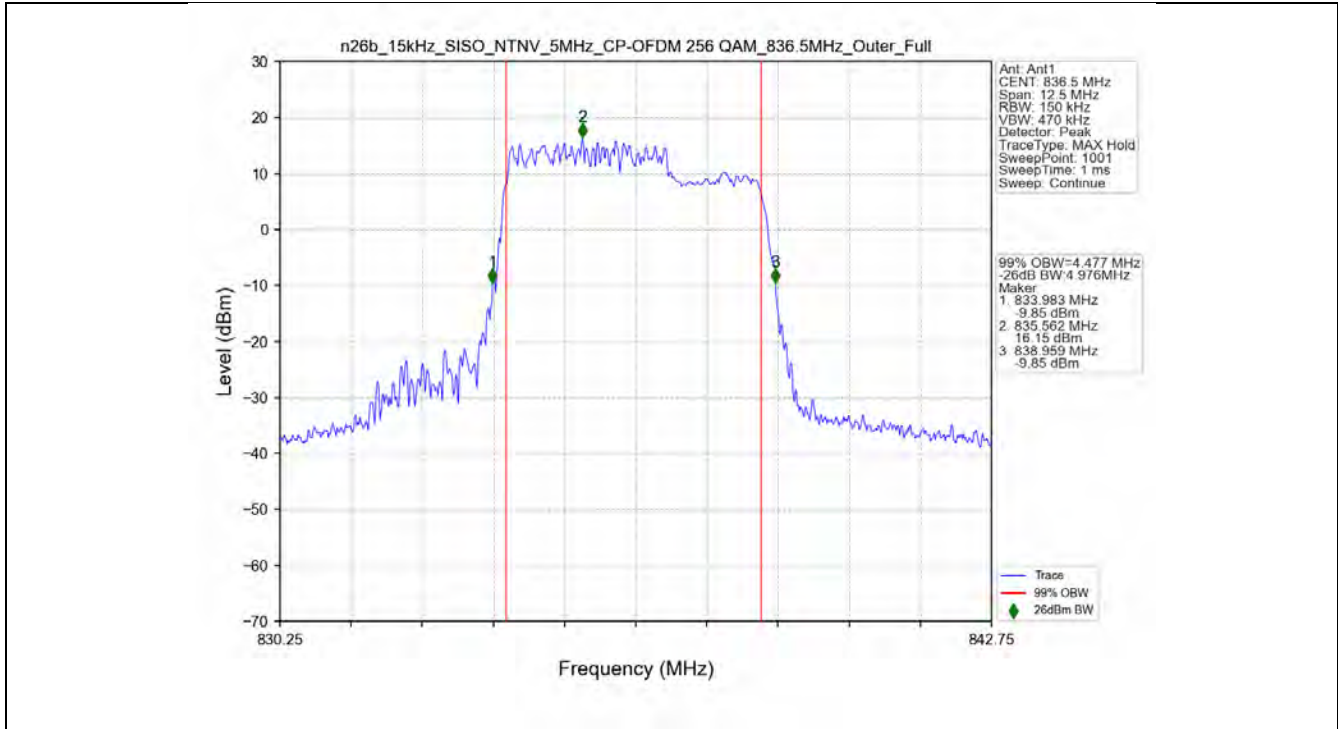


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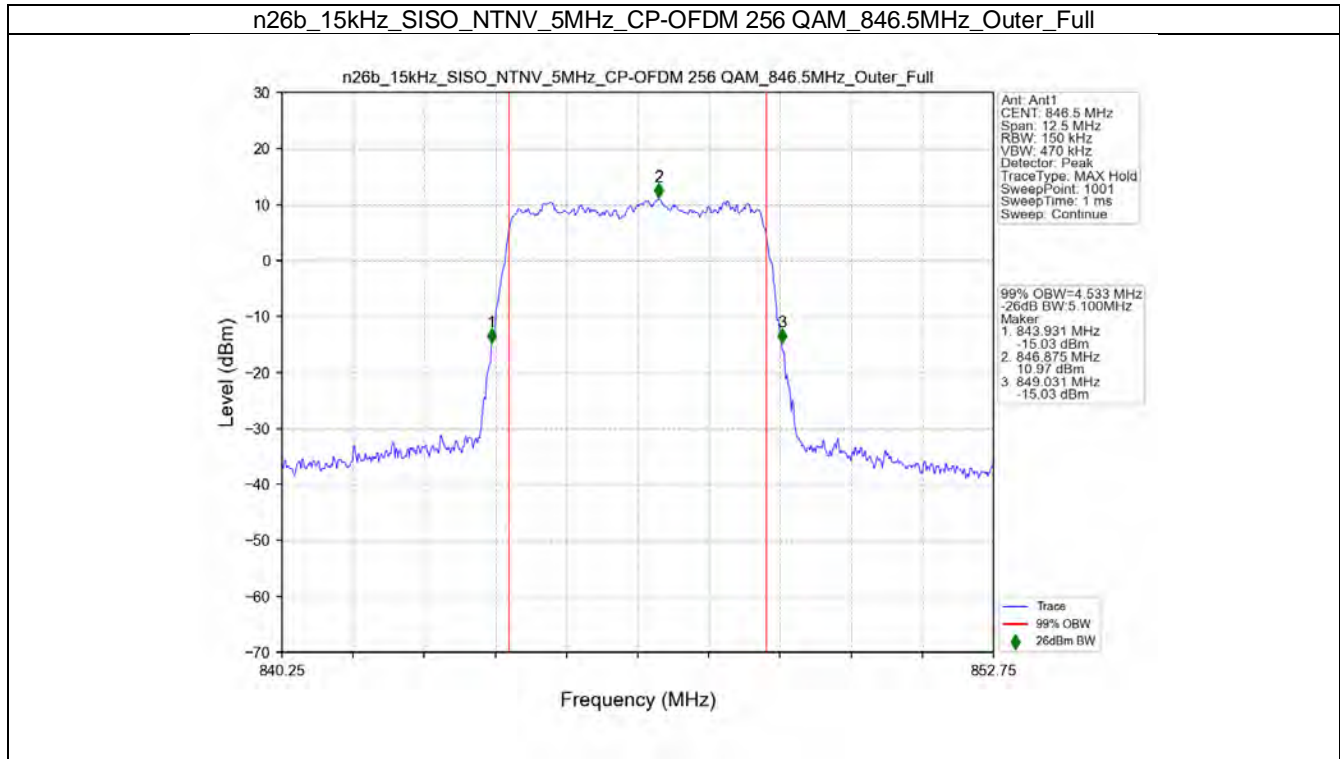


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## 3.2 15k\_SISO\_10MHz\_NTNV

### 3.2.1 Test Result

5G NR n26b 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	829	Outer_Full	9.04	9.78	/	Pass
	836.5	Outer_Full	9.01	9.82	/	Pass
	844	Outer_Full	9.04	9.84	/	Pass
DFT-s-OFDM QPSK	829	Outer_Full	9.07	9.87	/	Pass
	836.5	Outer_Full	9.05	9.85	/	Pass
	844	Outer_Full	9.06	9.86	/	Pass
DFT-s-OFDM 16 QAM	829	Outer_Full	9.05	9.86	/	Pass
	836.5	Outer_Full	9.04	9.85	/	Pass
	844	Outer_Full	9.06	9.86	/	Pass
DFT-s-OFDM 64 QAM	829	Outer_Full	9.04	9.84	/	Pass
	836.5	Outer_Full	9.02	9.85	/	Pass
	844	Outer_Full	9.04	9.89	/	Pass
DFT-s-OFDM 256 QAM	829	Outer_Full	9.07	9.67	/	Pass
	836.5	Outer_Full	9.03	9.86	/	Pass
	844	Outer_Full	9.07	9.71	/	Pass
CP-OFDM QPSK	829	Outer_Full	9.37	10.27	/	Pass
	836.5	Outer_Full	9.34	10.24	/	Pass
	844	Outer_Full	9.38	10.26	/	Pass
CP-OFDM 16 QAM	829	Outer_Full	9.39	10.05	/	Pass
	836.5	Outer_Full	9.37	10.21	/	Pass
	844	Outer_Full	9.40	10.06	/	Pass
CP-OFDM 64 QAM	829	Outer_Full	9.35	10.18	/	Pass
	836.5	Outer_Full	9.33	9.99	/	Pass
	844	Outer_Full	9.36	10.15	/	Pass
CP-OFDM 256 QAM	829	Outer_Full	9.39	10.20	/	Pass
	836.5	Outer_Full	9.37	10.21	/	Pass
	844	Outer_Full	9.37	10.01	/	Pass



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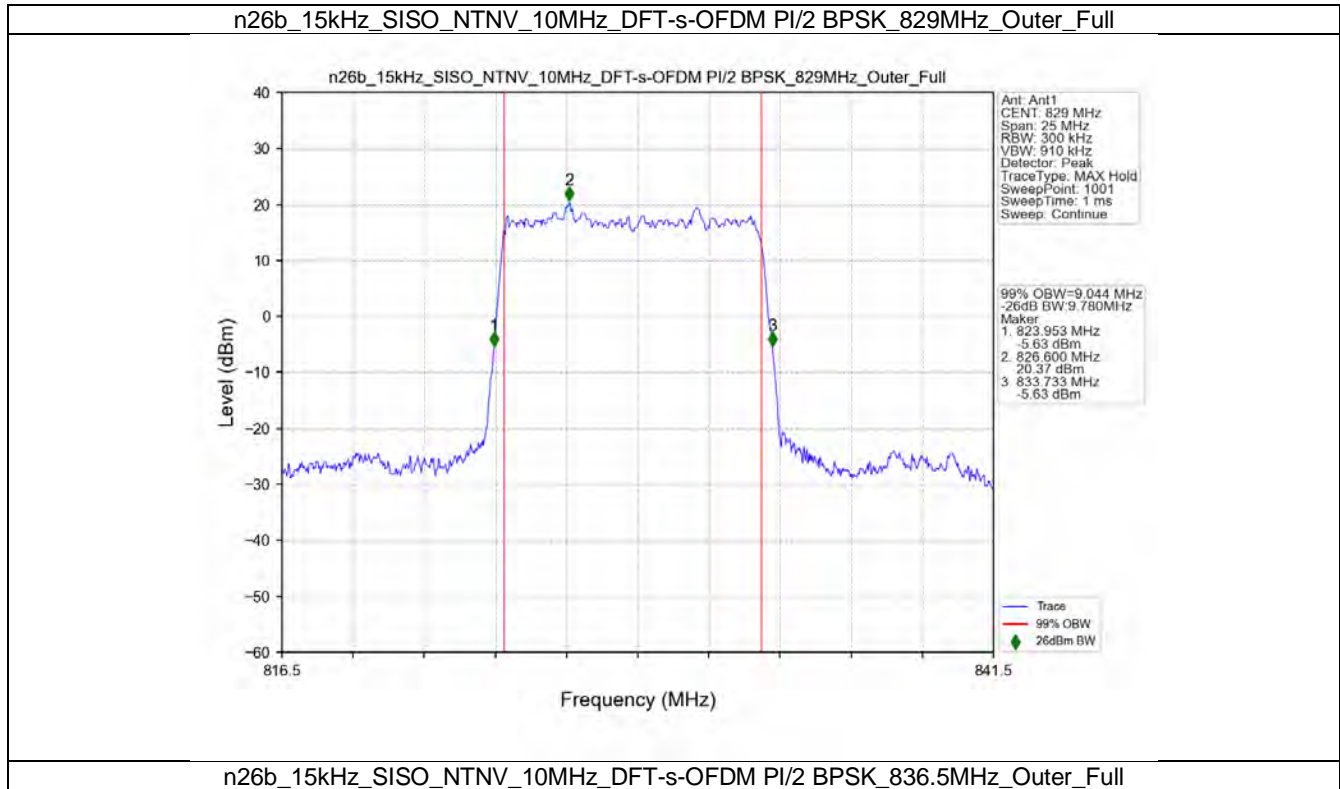
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3.2.2 Test Graph



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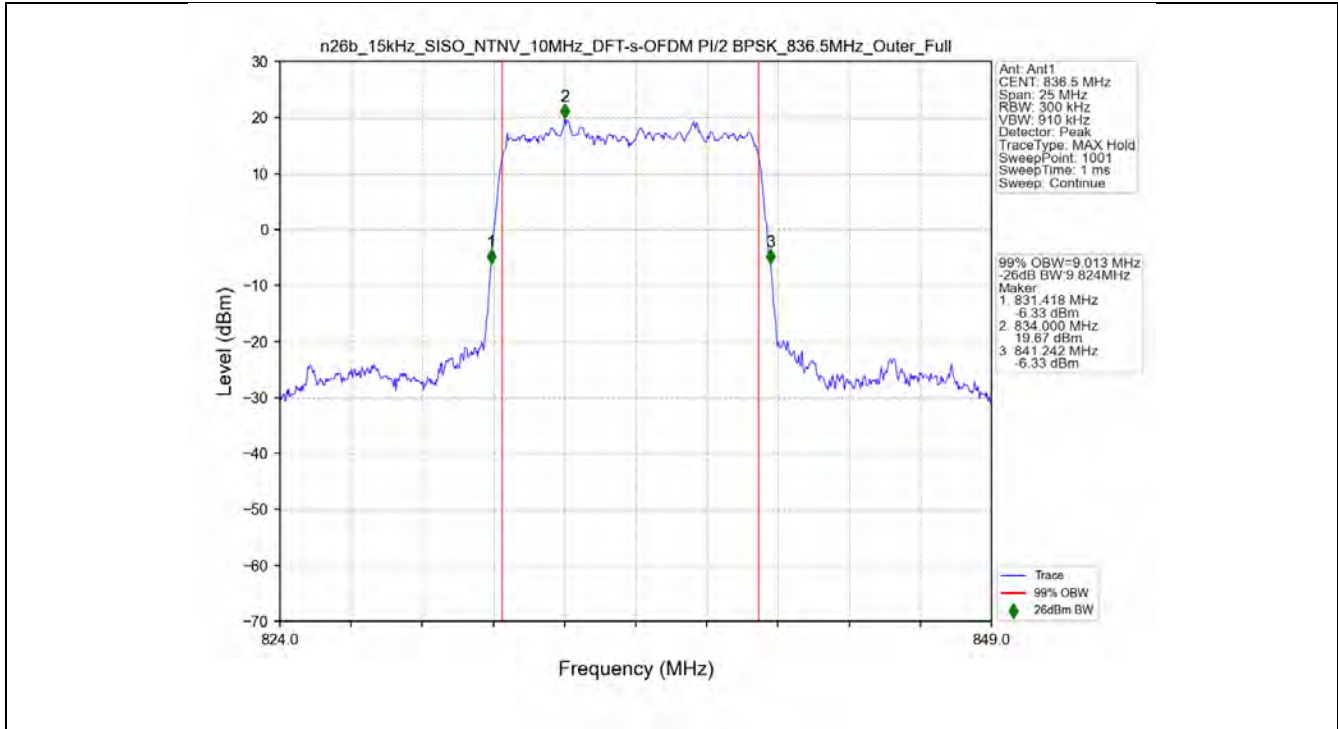


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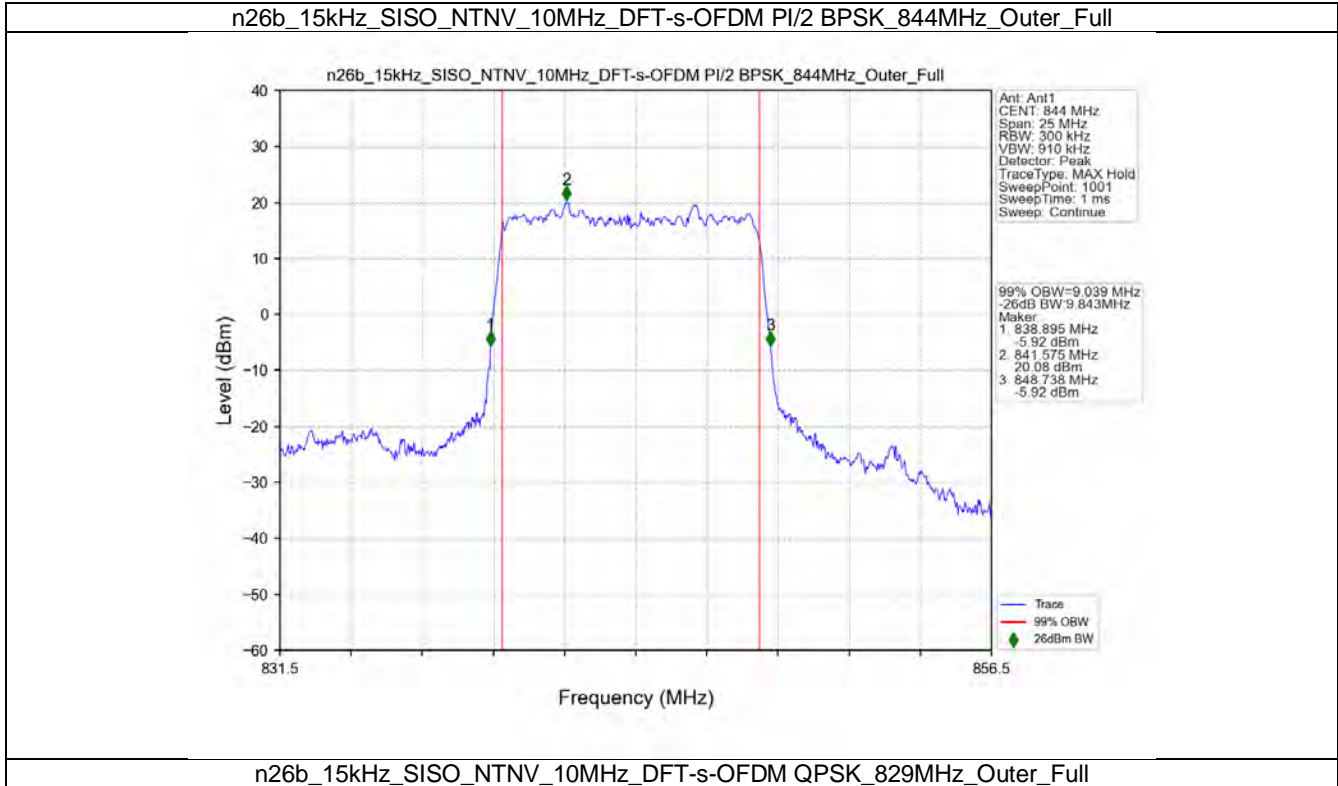


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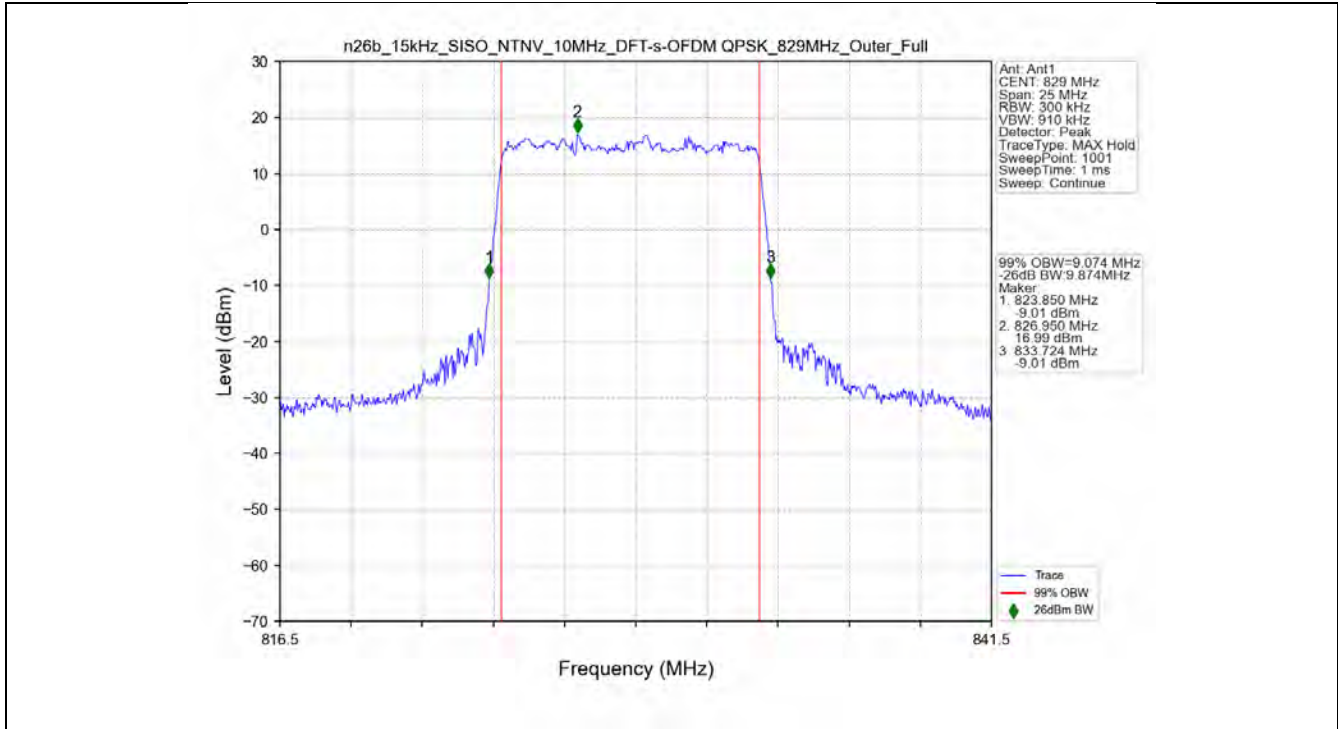


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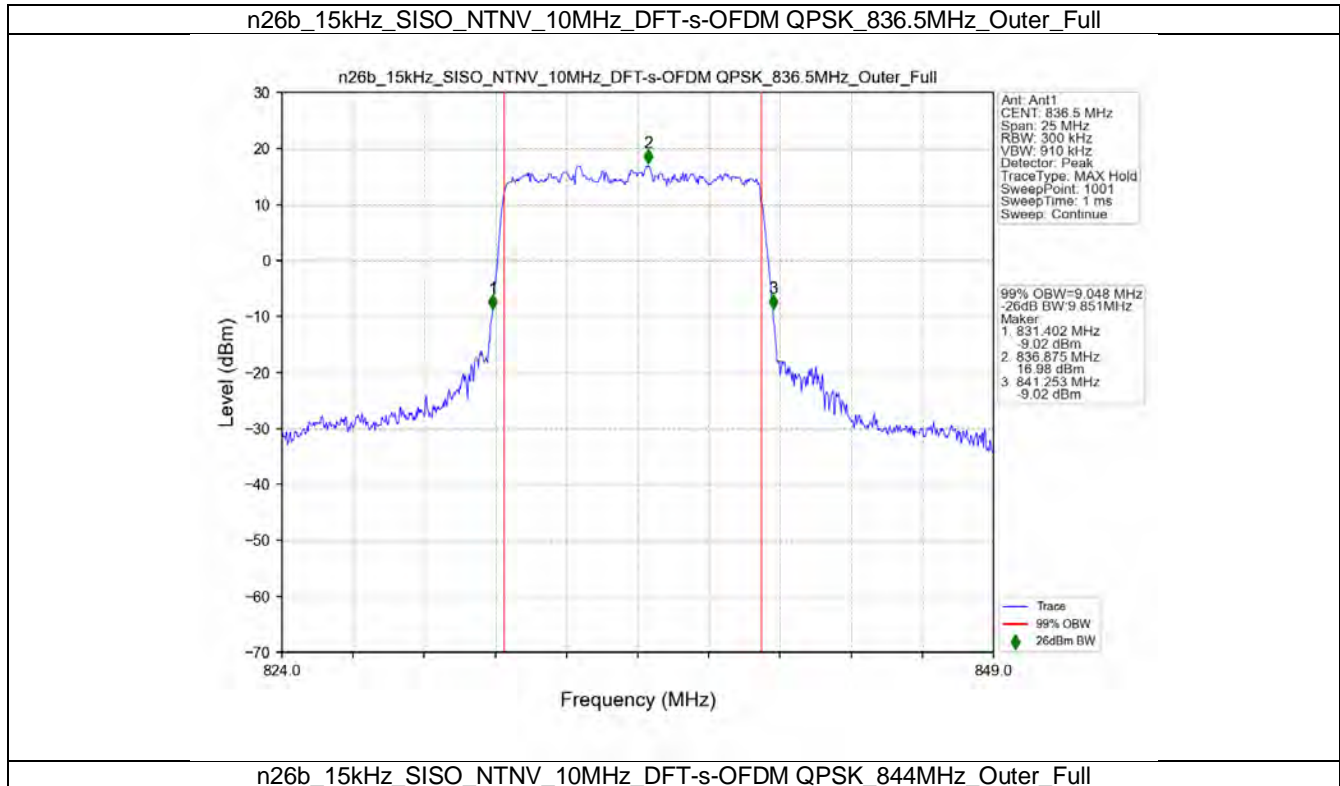


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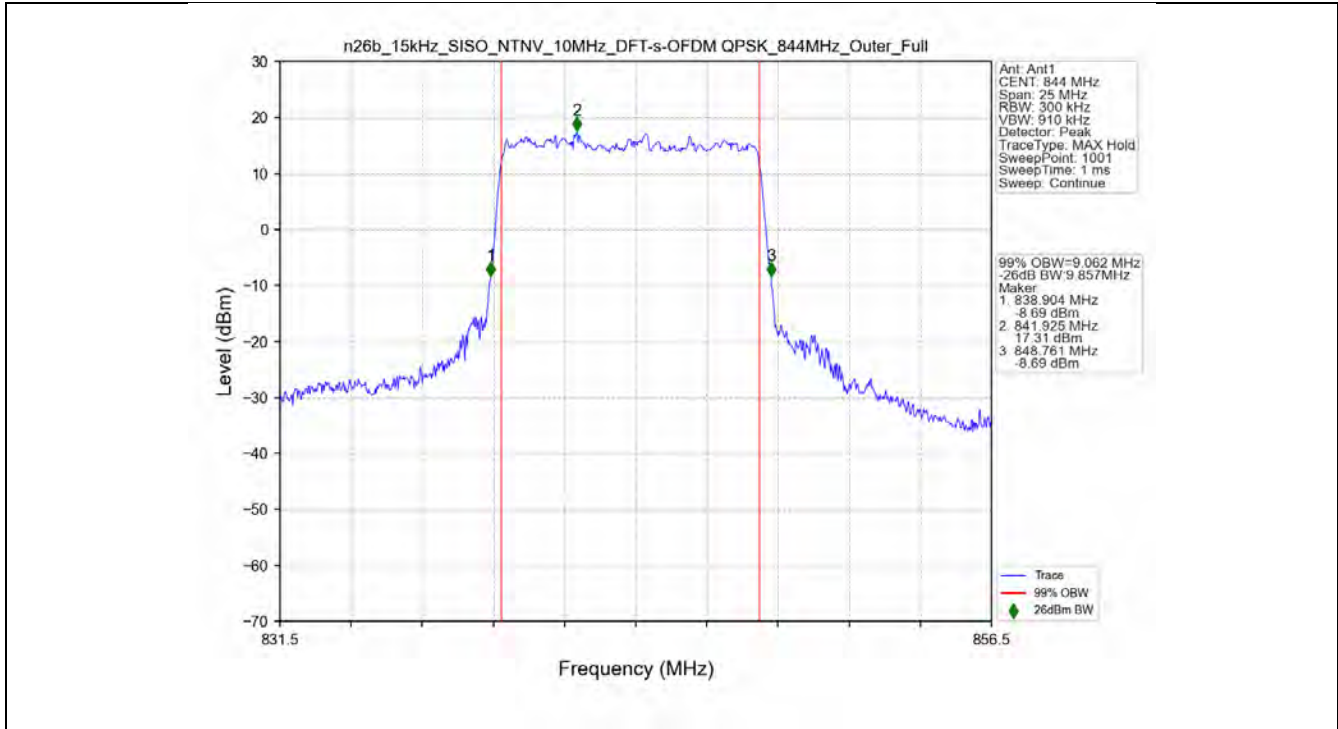


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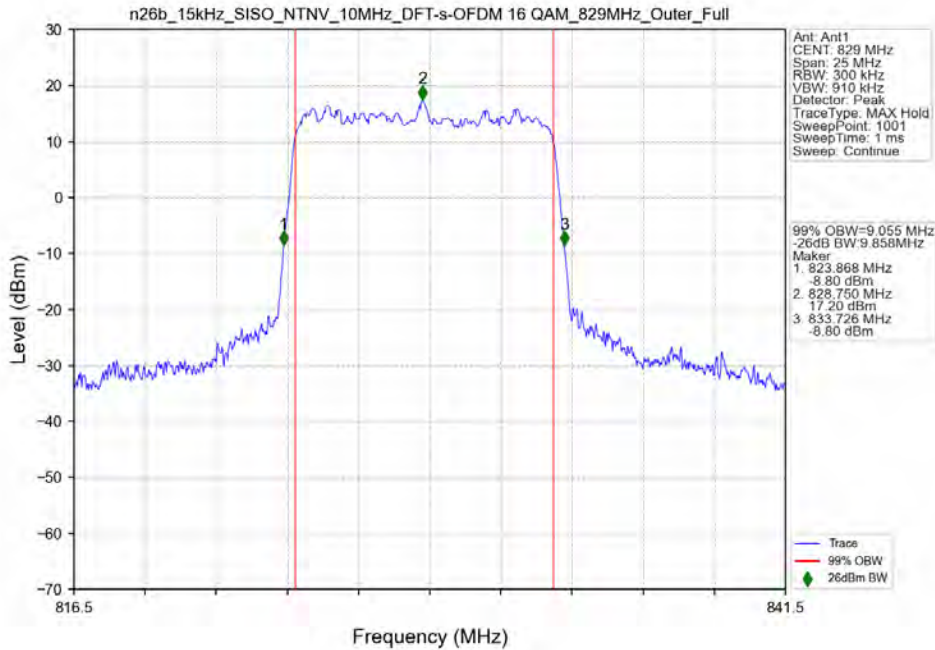
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n26b\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM 16 QAM\_829MHz\_Outer\_Full



n26b\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM 16 QAM\_836.5MHz\_Outer\_Full



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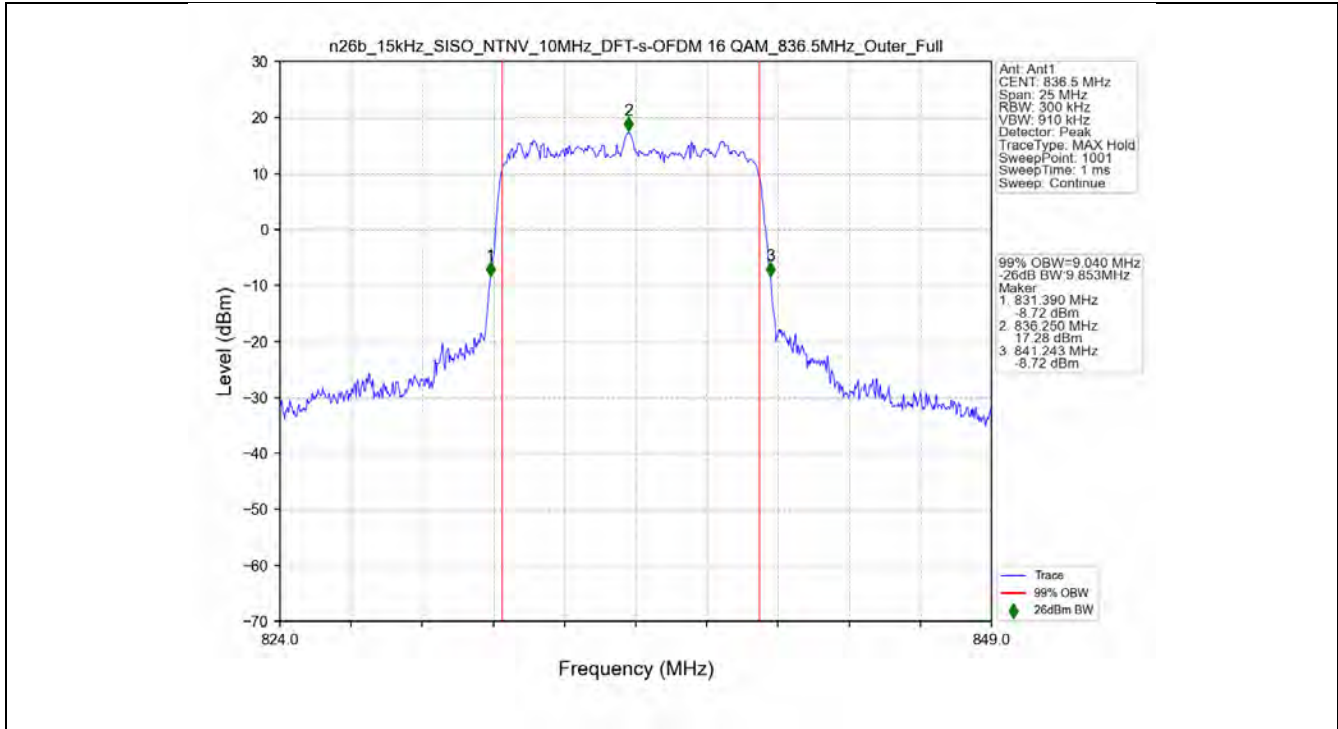


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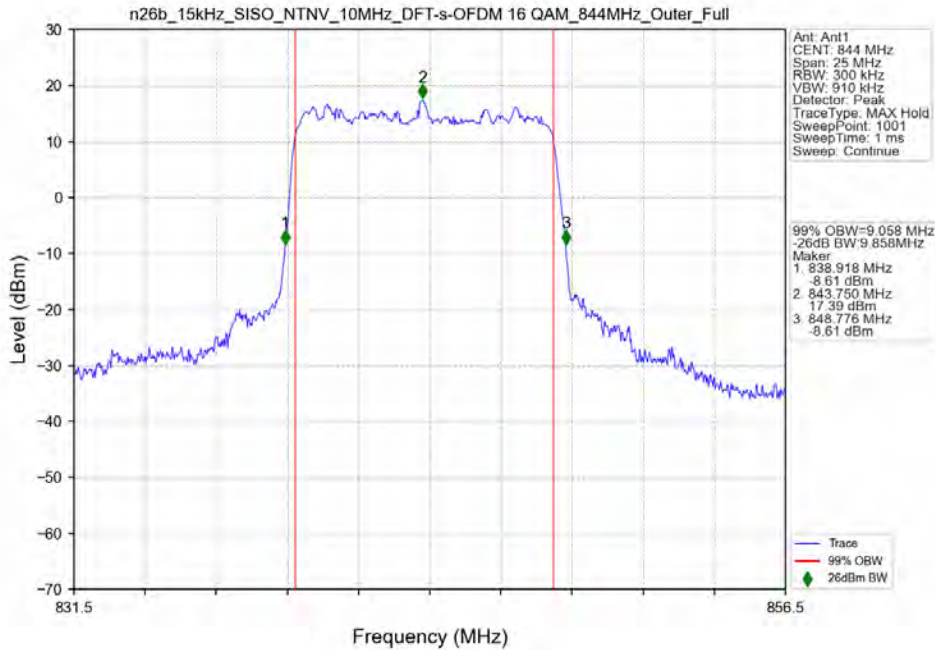
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n26b\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM 16 QAM\_844MHz\_Outer\_Full



n26b\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM 64 QAM\_829MHz\_Outer\_Full



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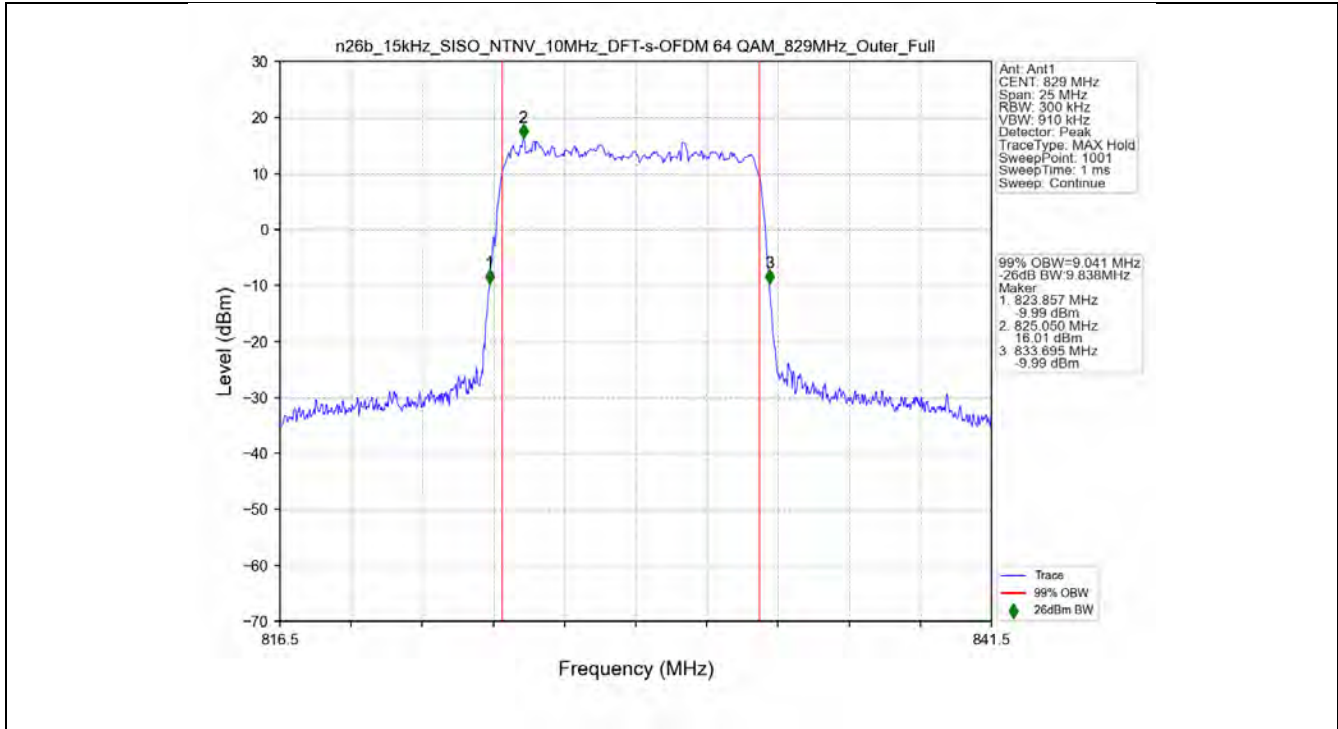


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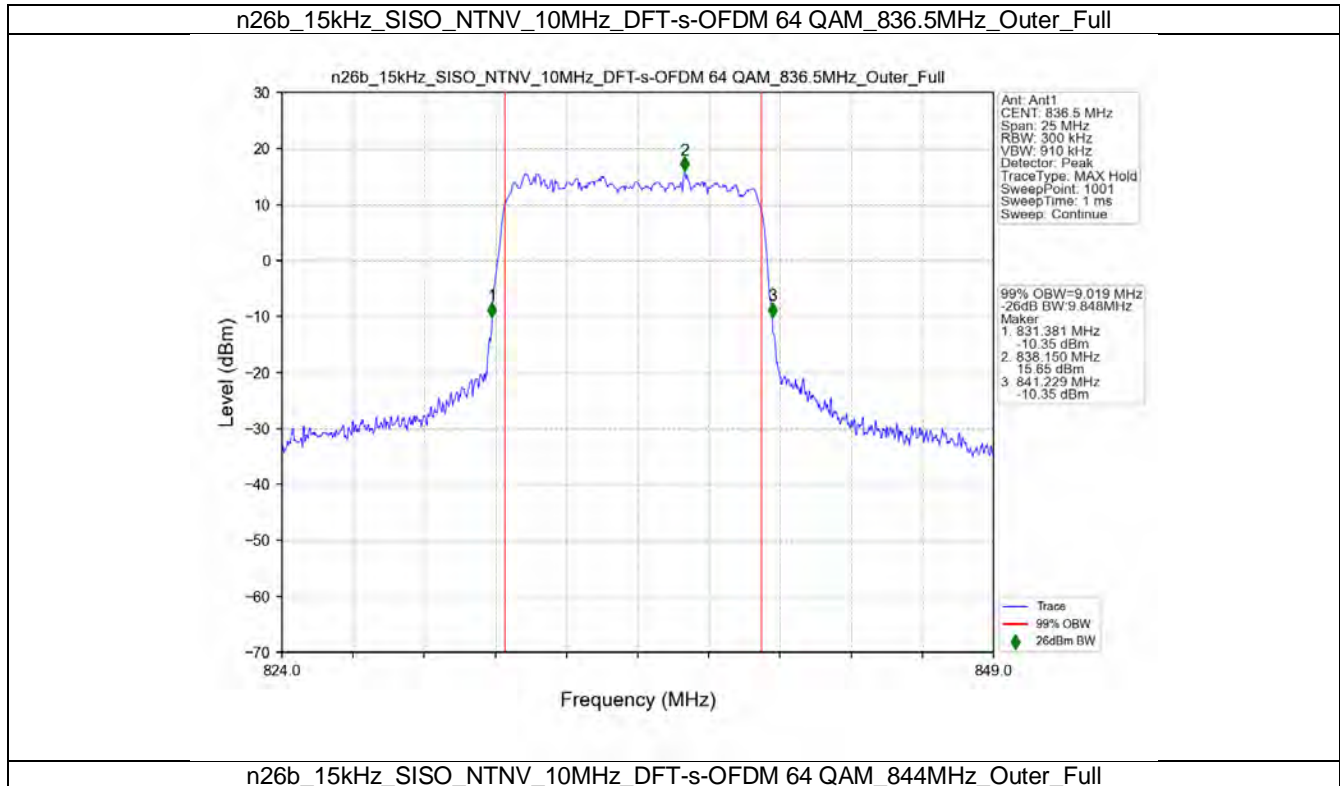


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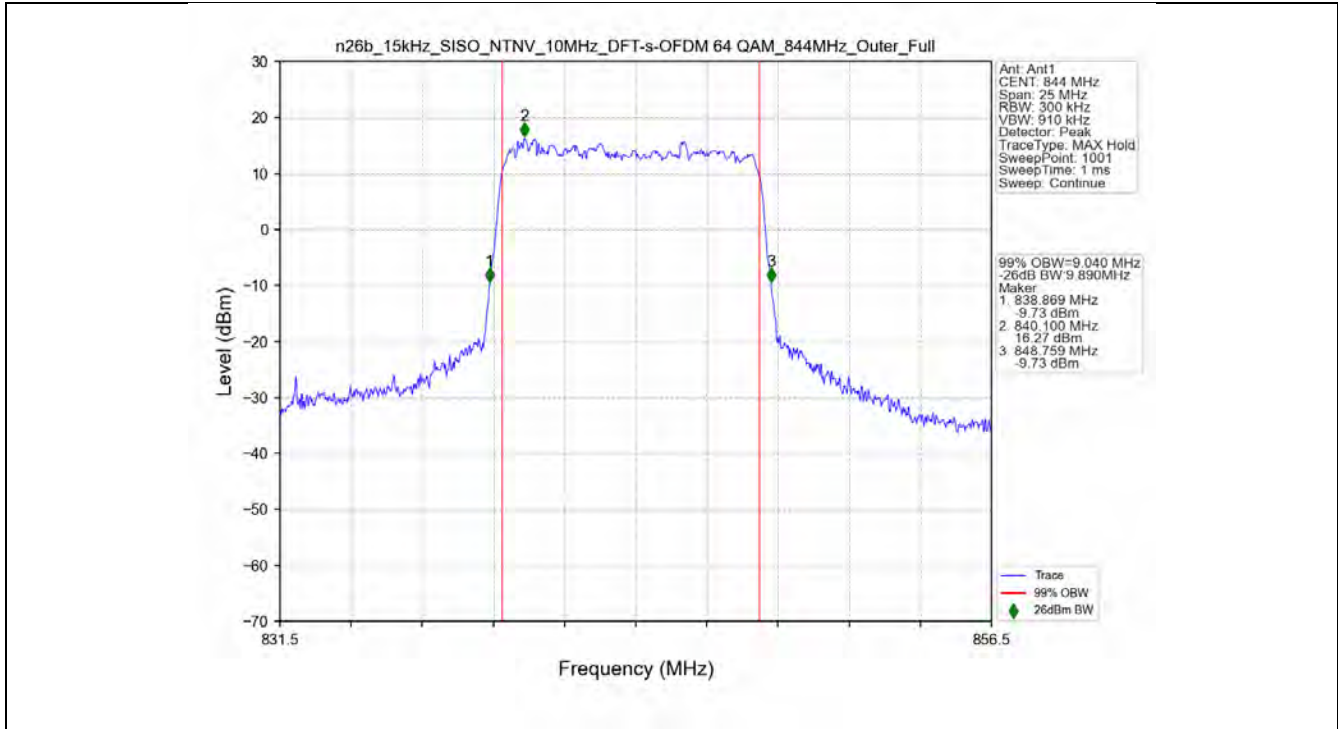


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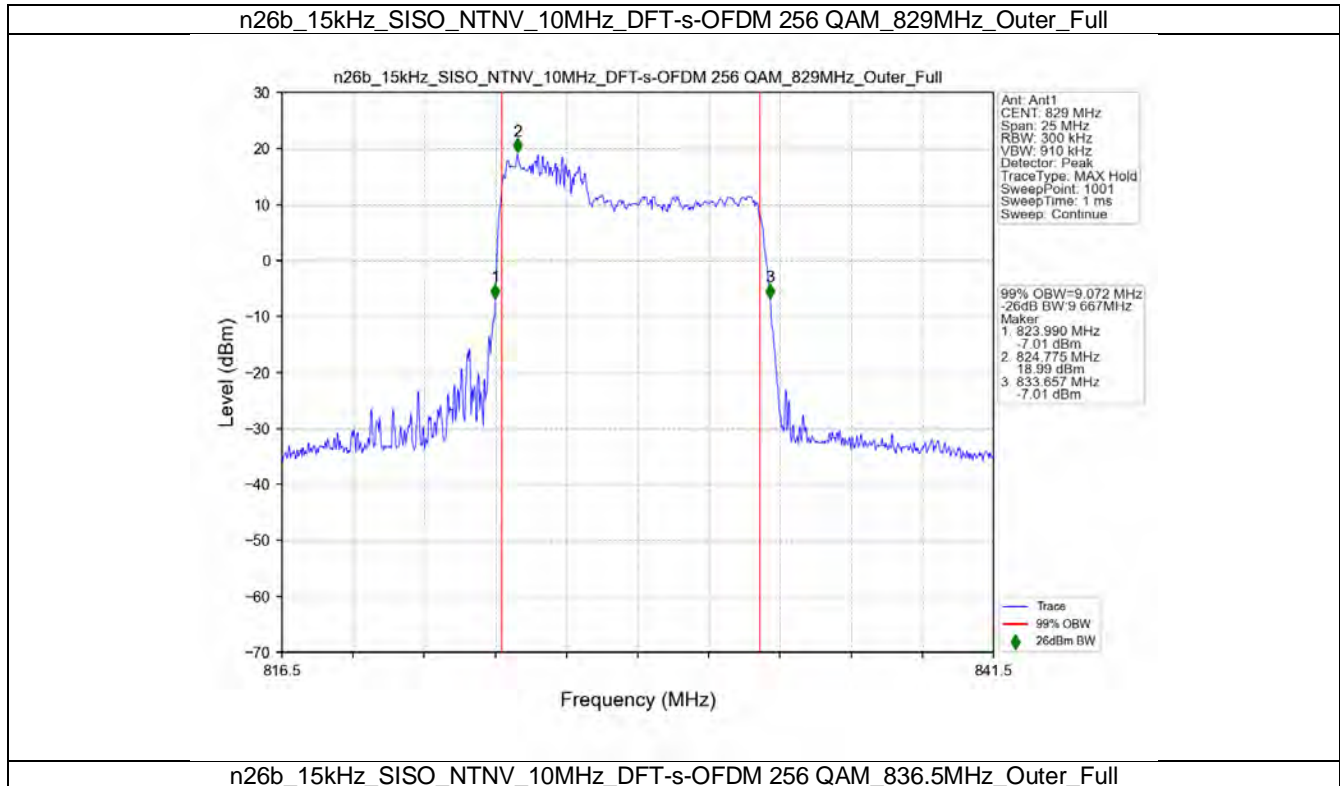


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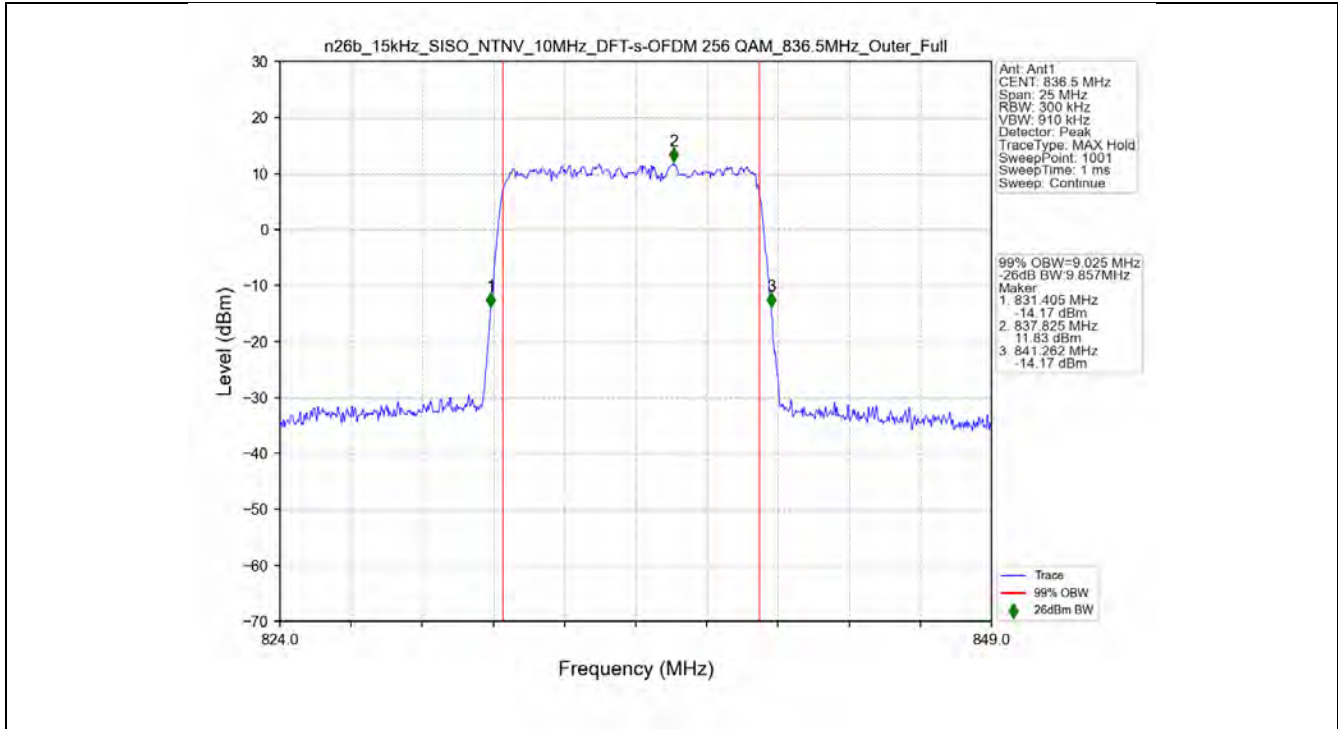


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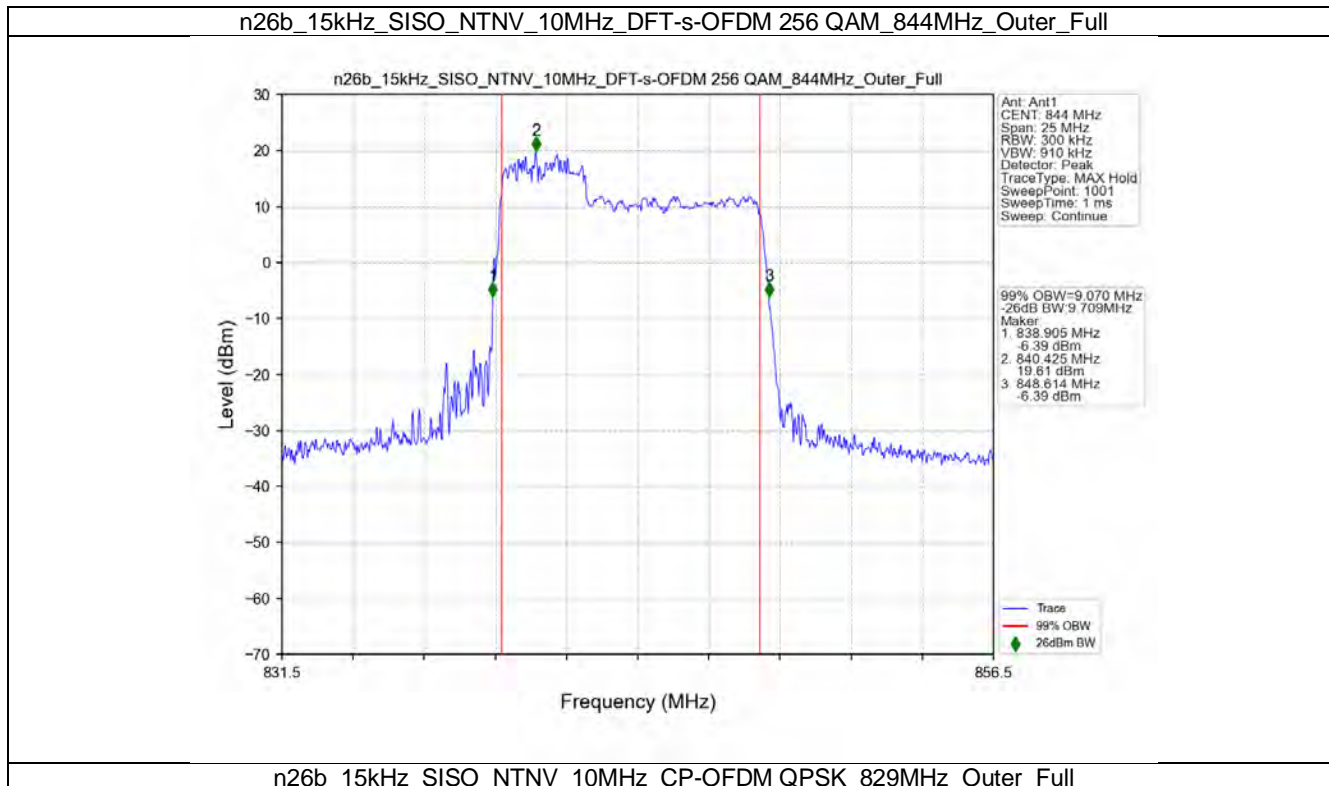
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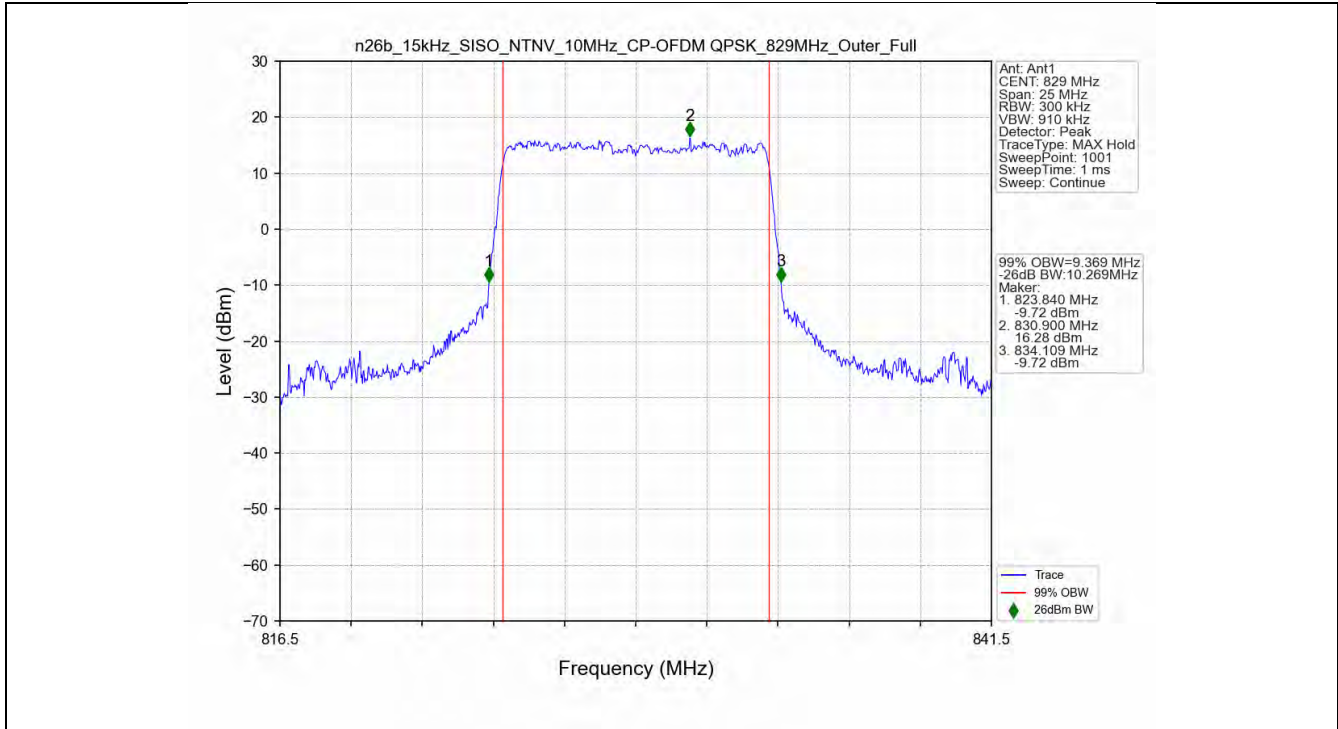


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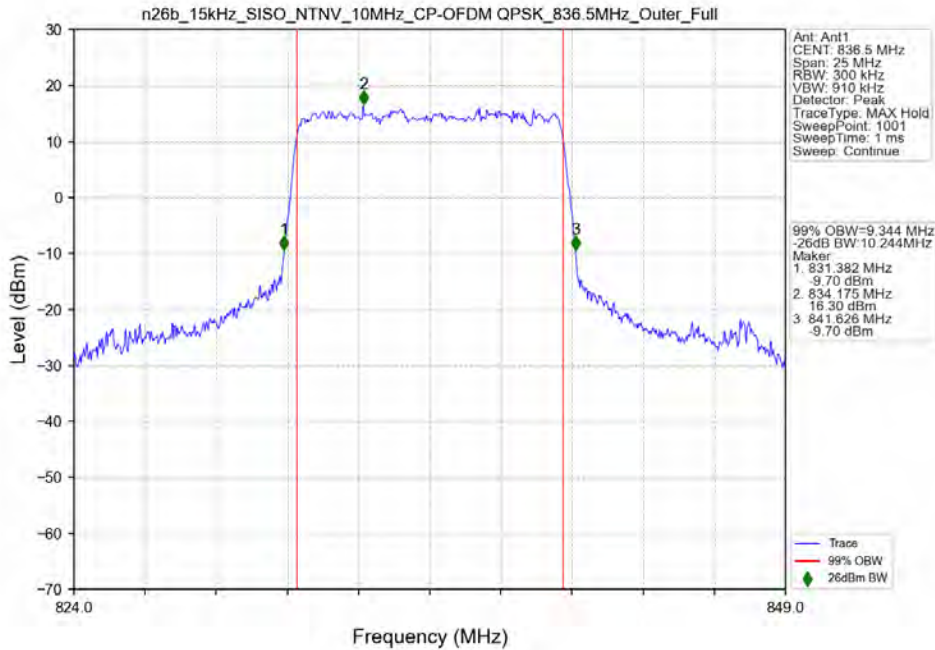
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n26b\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_844MHz\_Outer\_Full



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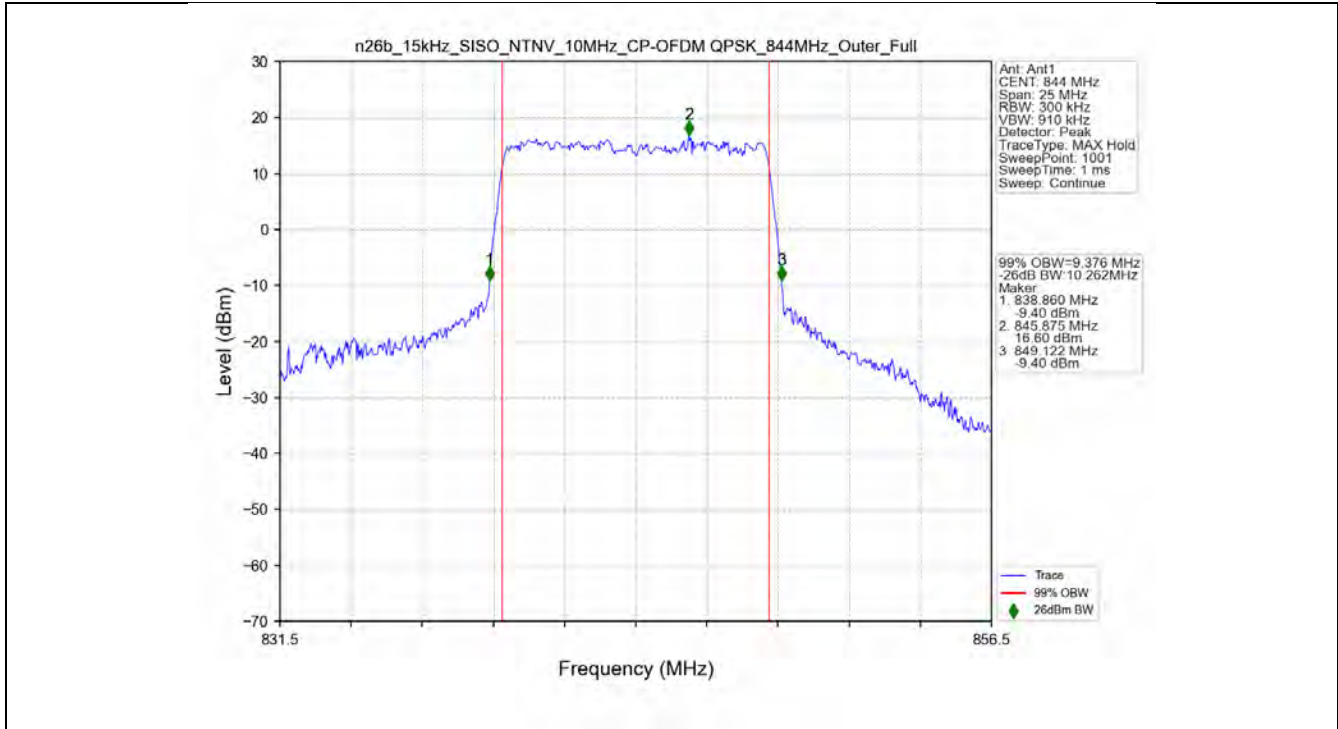


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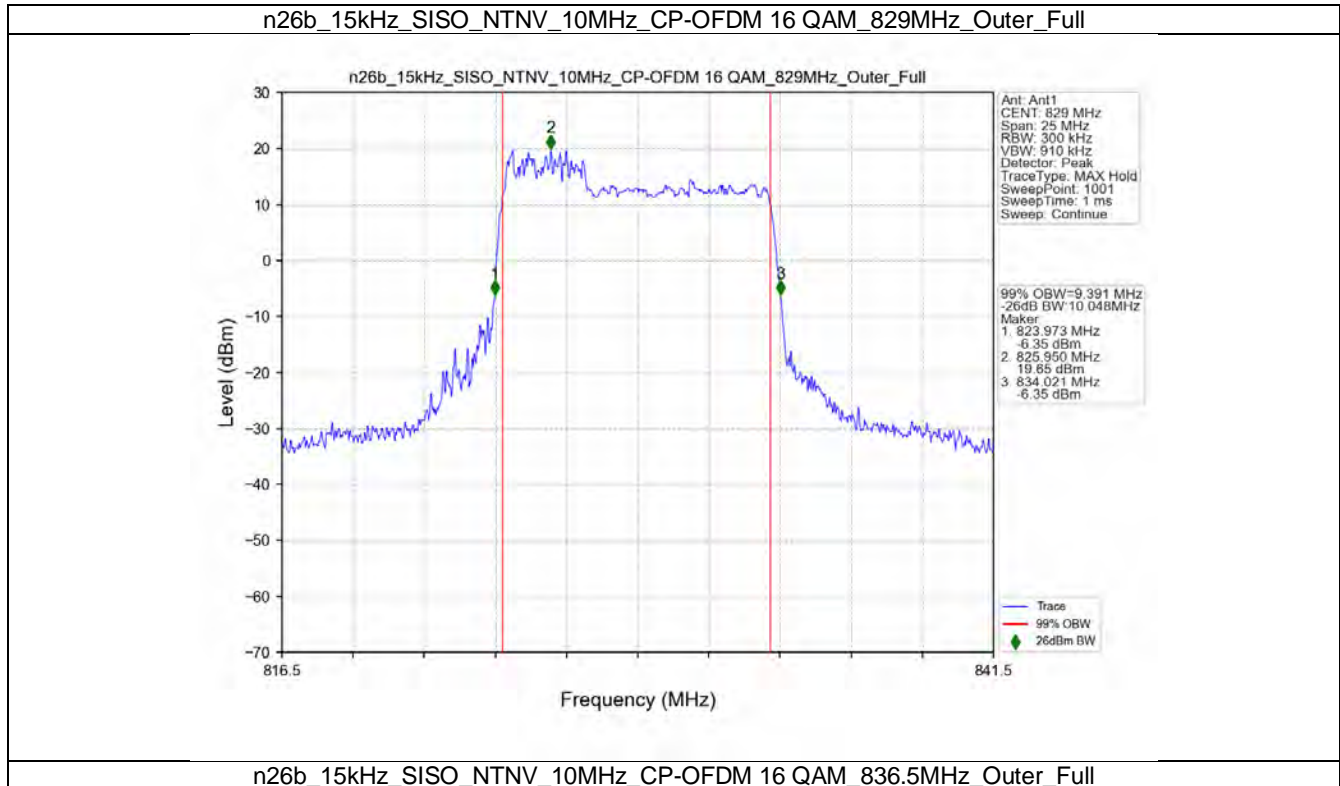


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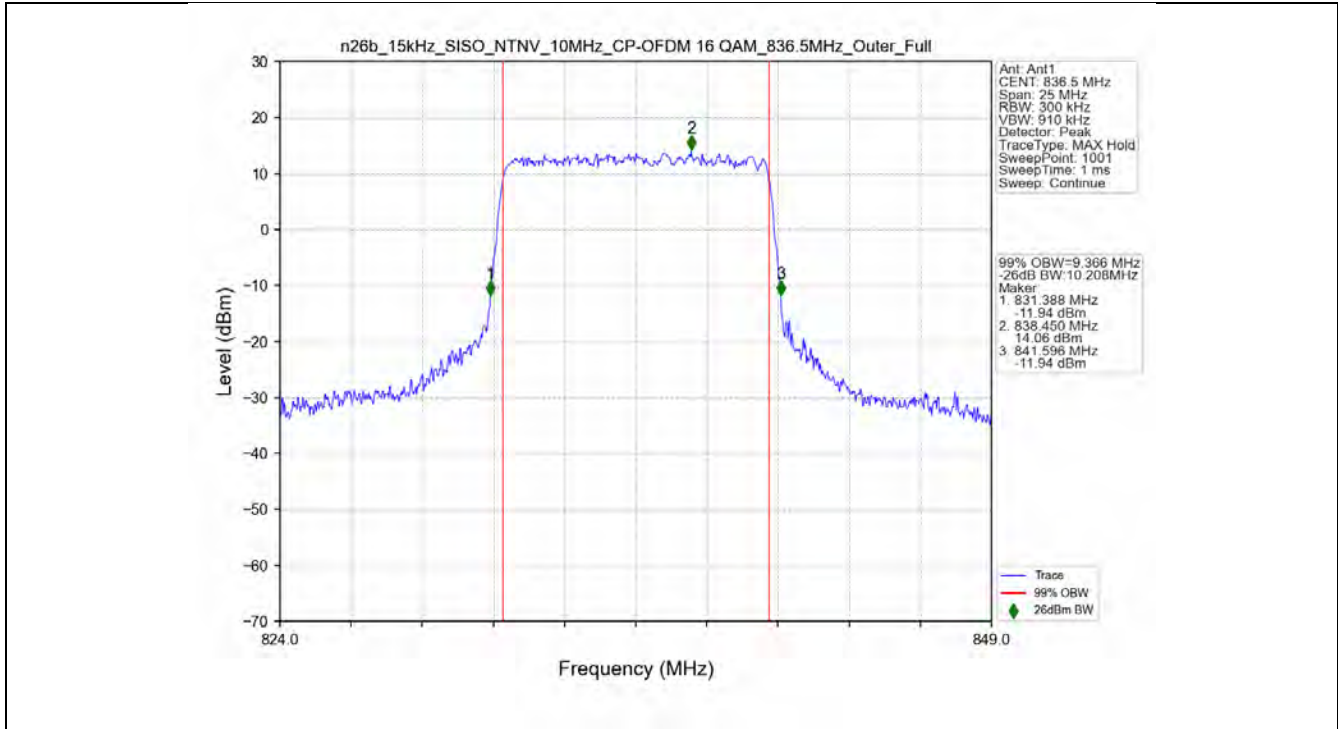


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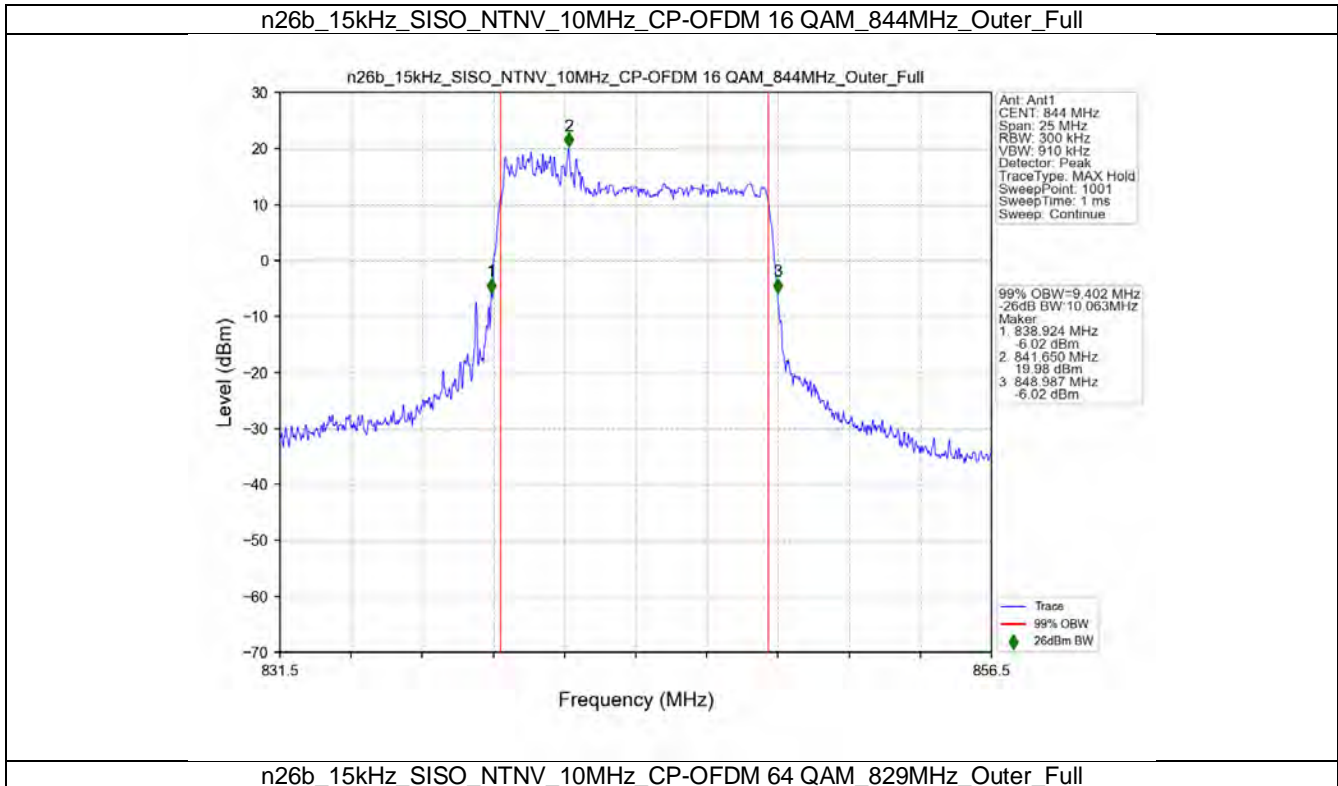


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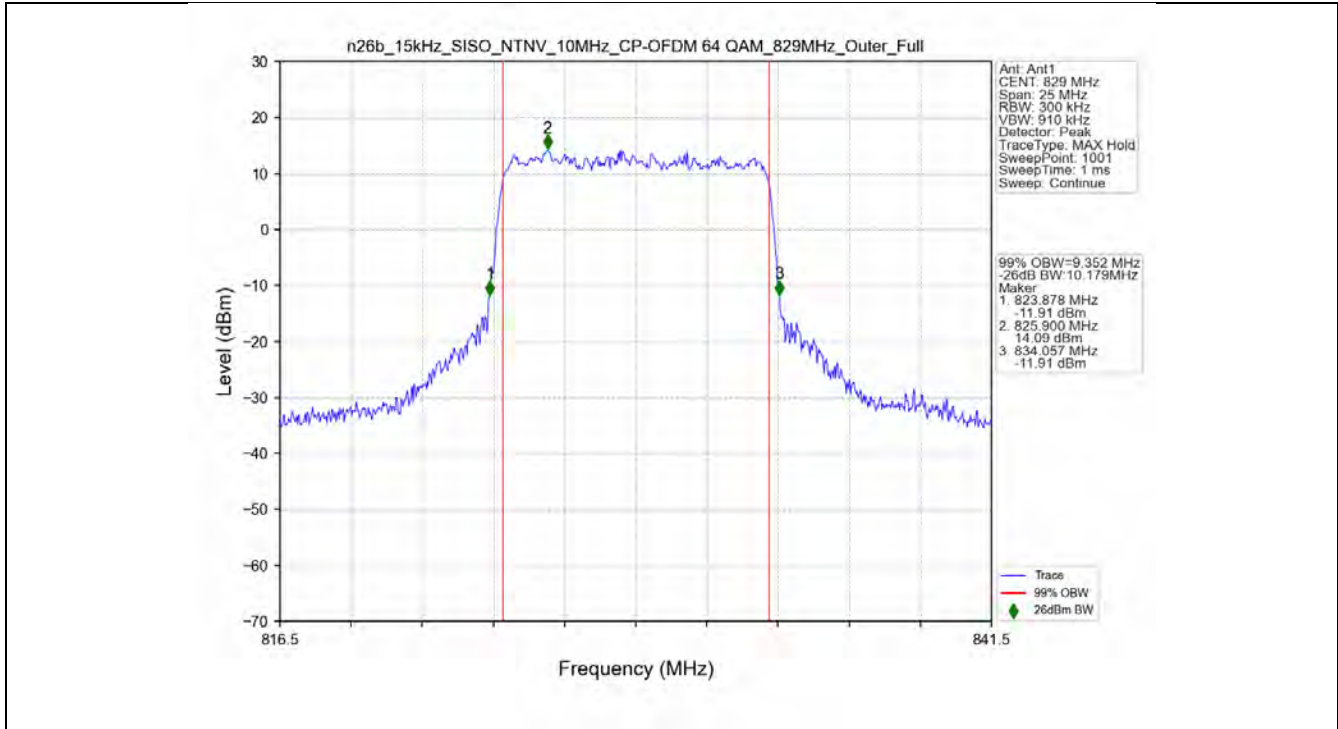


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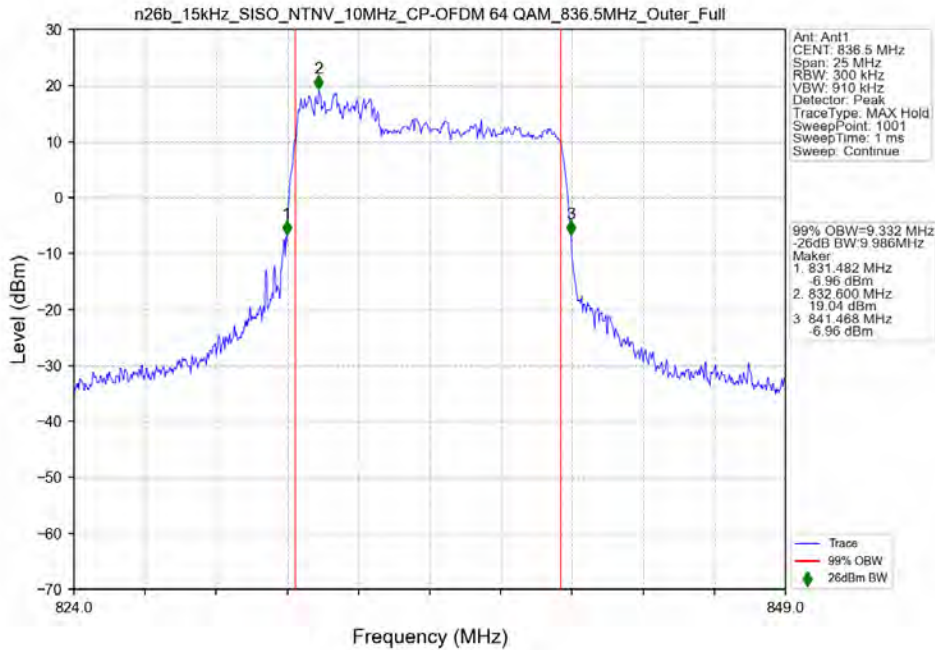
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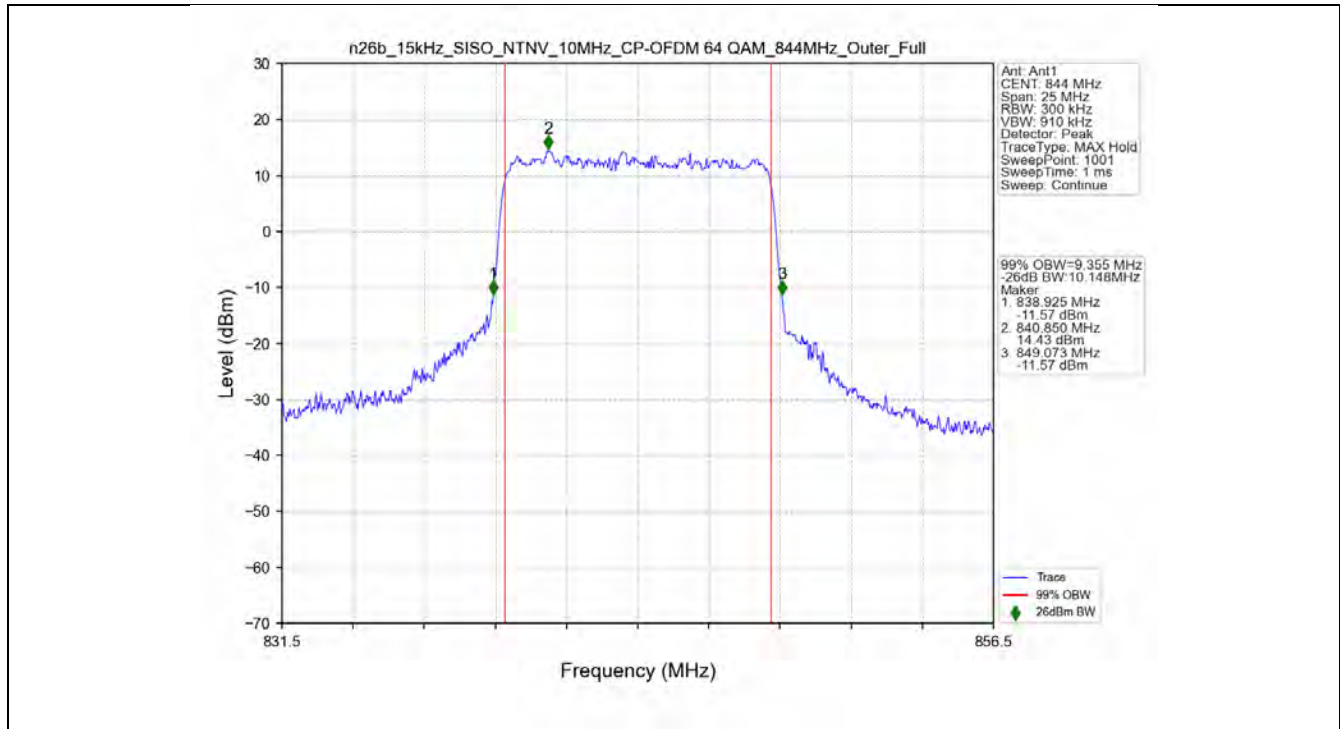


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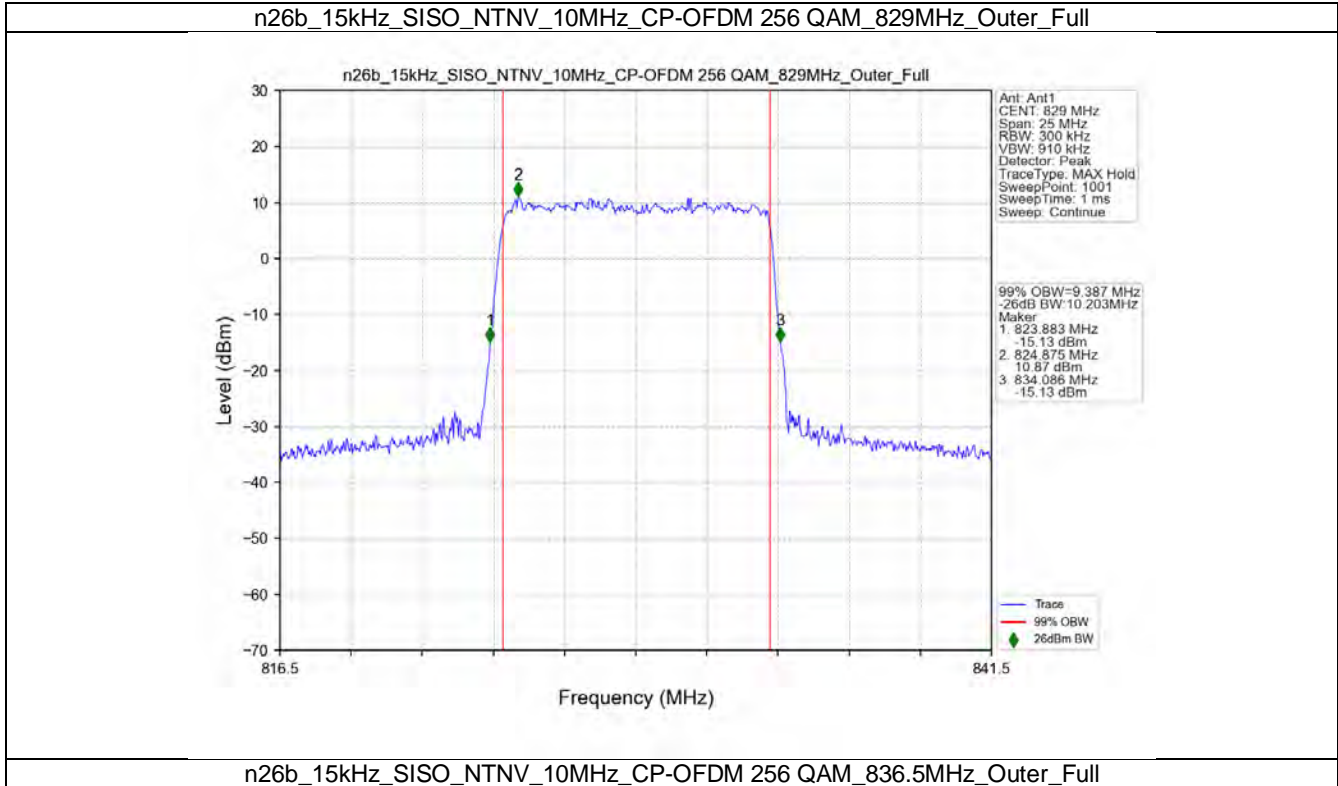


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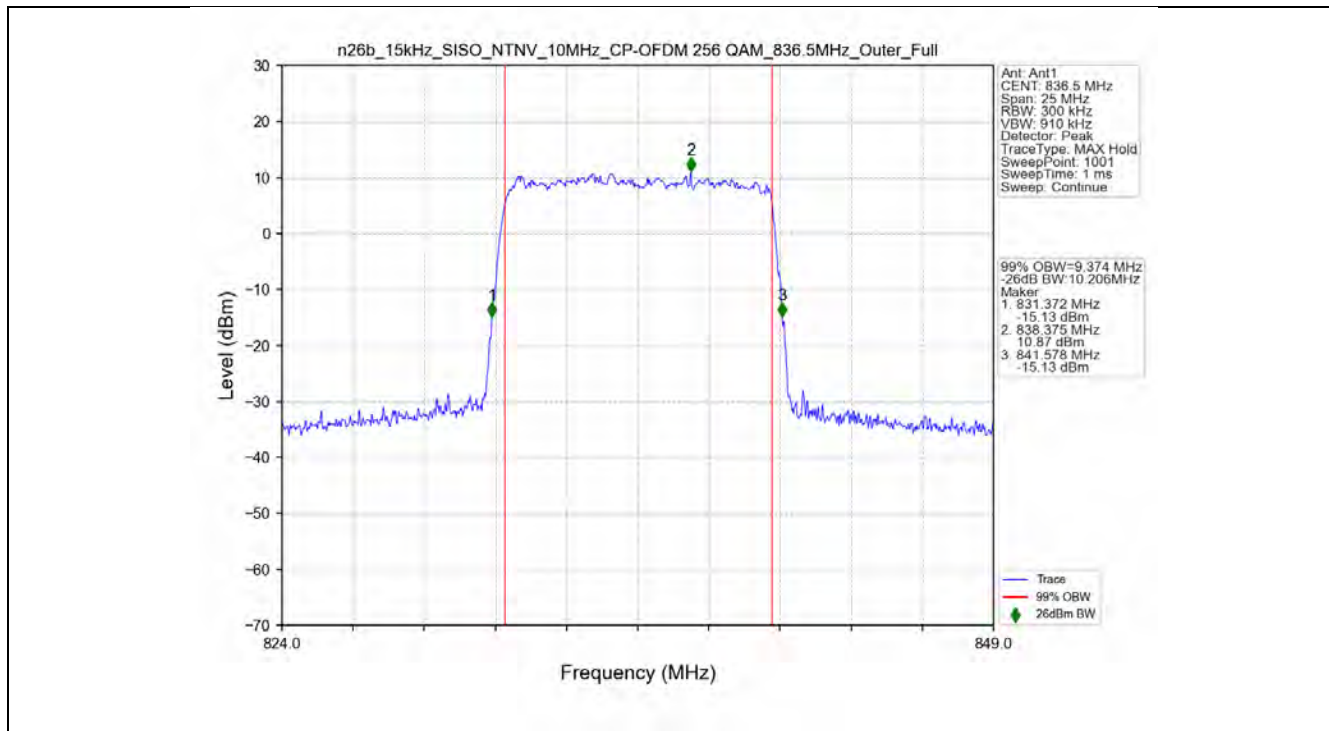
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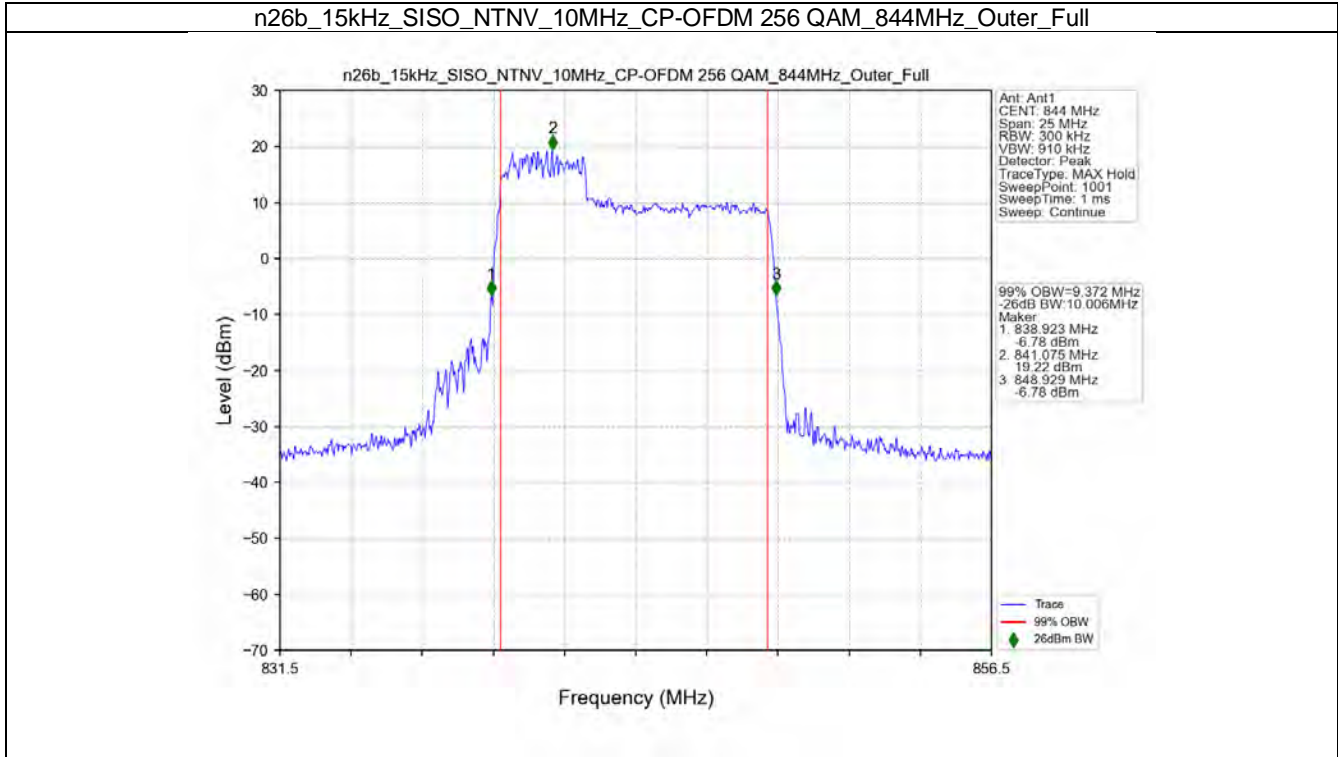


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## 3.3 15k\_SISO\_15MHz\_NTNV

### 3.3.1 Test Result

5G NR n26b SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	831.5	Outer_Full	13.57	14.63	/	Pass
	836.5	Outer_Full	13.56	14.54	/	Pass
	841.5	Outer_Full	13.56	14.57	/	Pass
DFT-s-OFDM QPSK	831.5	Outer_Full	13.66	14.57	/	Pass
	836.5	Outer_Full	13.56	14.62	/	Pass
	841.5	Outer_Full	13.61	14.63	/	Pass
DFT-s-OFDM 16 QAM	831.5	Outer_Full	13.63	14.72	/	Pass
	836.5	Outer_Full	13.64	14.58	/	Pass
	841.5	Outer_Full	13.62	14.61	/	Pass
DFT-s-OFDM 64 QAM	831.5	Outer_Full	13.55	14.62	/	Pass
	836.5	Outer_Full	13.54	14.56	/	Pass
	841.5	Outer_Full	13.65	14.61	/	Pass
DFT-s-OFDM 256 QAM	831.5	Outer_Full	13.68	14.49	/	Pass
	836.5	Outer_Full	13.56	14.66	/	Pass
	841.5	Outer_Full	13.58	14.72	/	Pass
CP-OFDM QPSK	831.5	Outer_Full	14.26	15.34	/	Pass
	836.5	Outer_Full	14.21	15.36	/	Pass
	841.5	Outer_Full	14.22	15.30	/	Pass
CP-OFDM 16 QAM	831.5	Outer_Full	14.27	15.39	/	Pass
	836.5	Outer_Full	14.23	15.37	/	Pass
	841.5	Outer_Full	14.24	15.34	/	Pass
CP-OFDM 64 QAM	831.5	Outer_Full	14.29	15.20	/	Pass
	836.5	Outer_Full	14.27	15.39	/	Pass
	841.5	Outer_Full	1.95	2.42	/	Pass
CP-OFDM 256 QAM	831.5	Outer_Full	14.22	15.38	/	Pass
	836.5	Outer_Full	14.14	15.10	/	Pass
	841.5	Outer_Full	14.21	15.30	/	Pass



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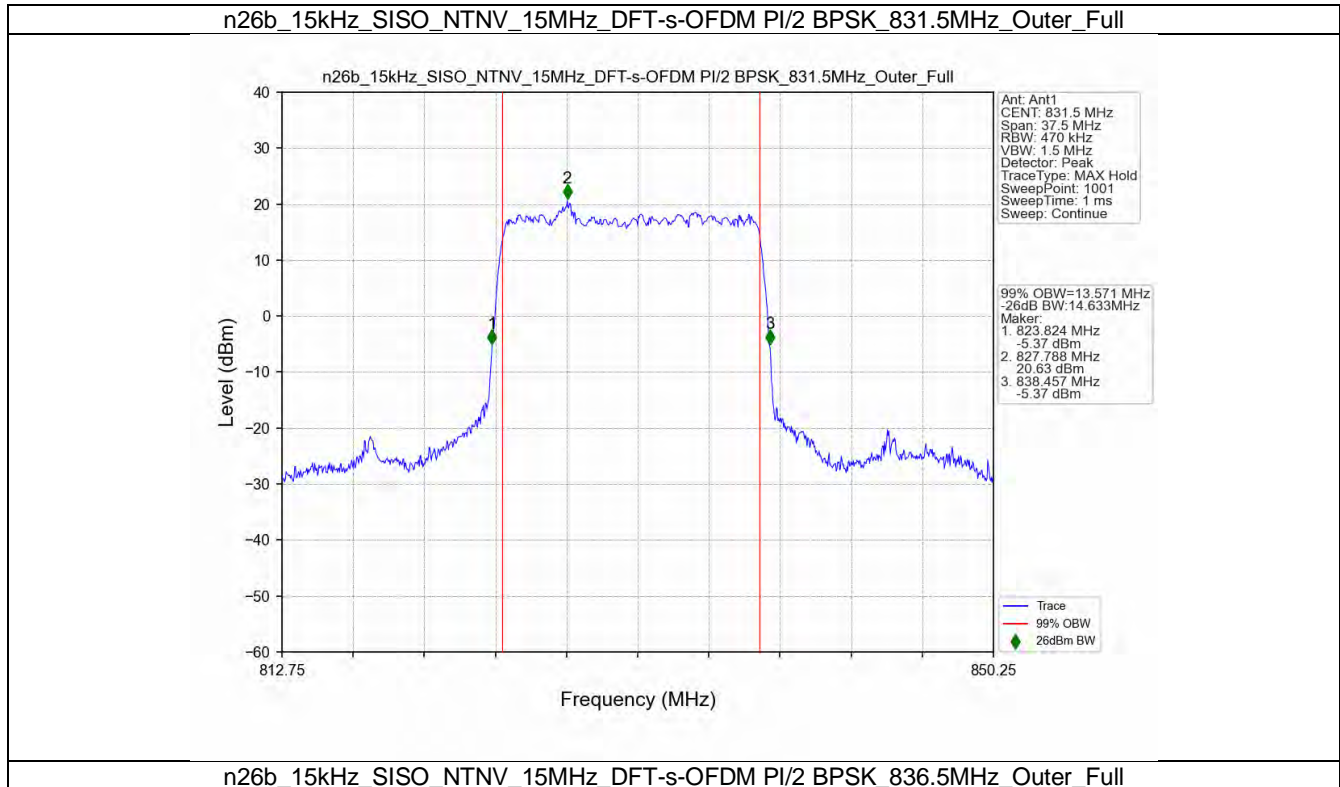
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3.3.2 Test Graph



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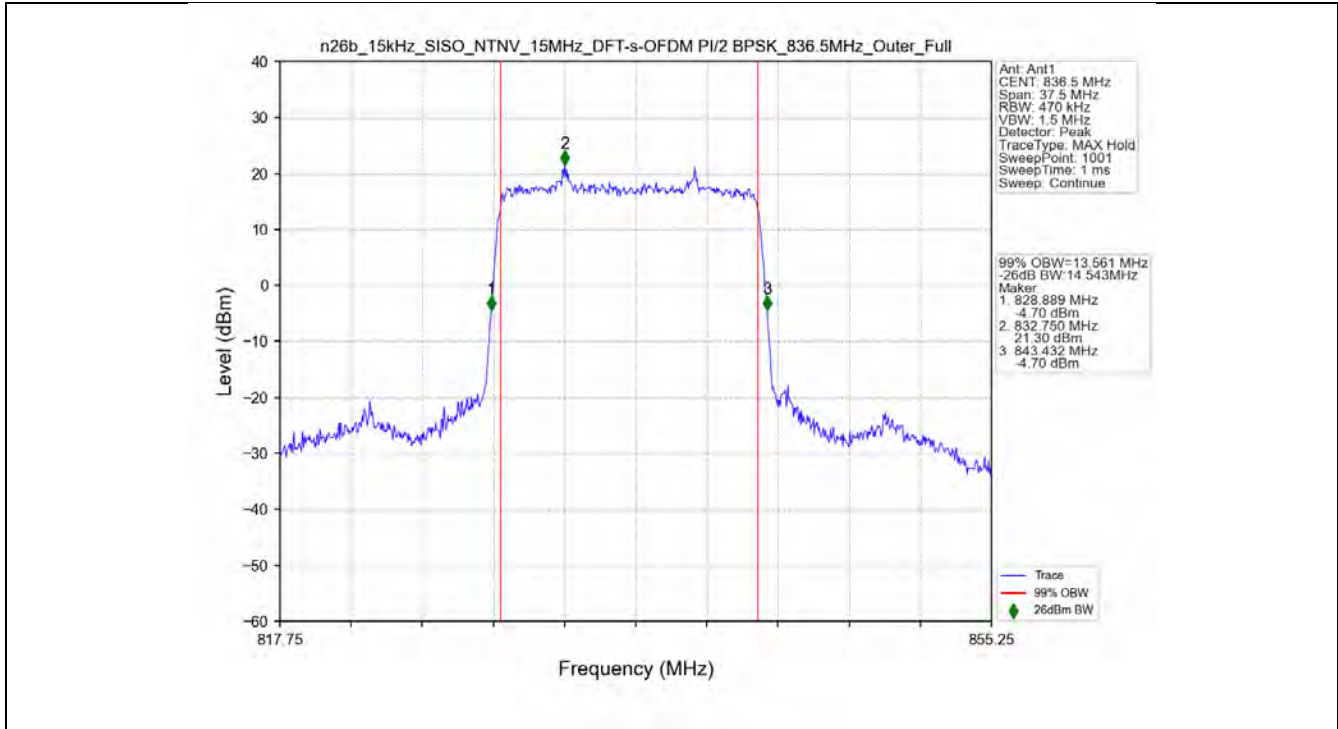


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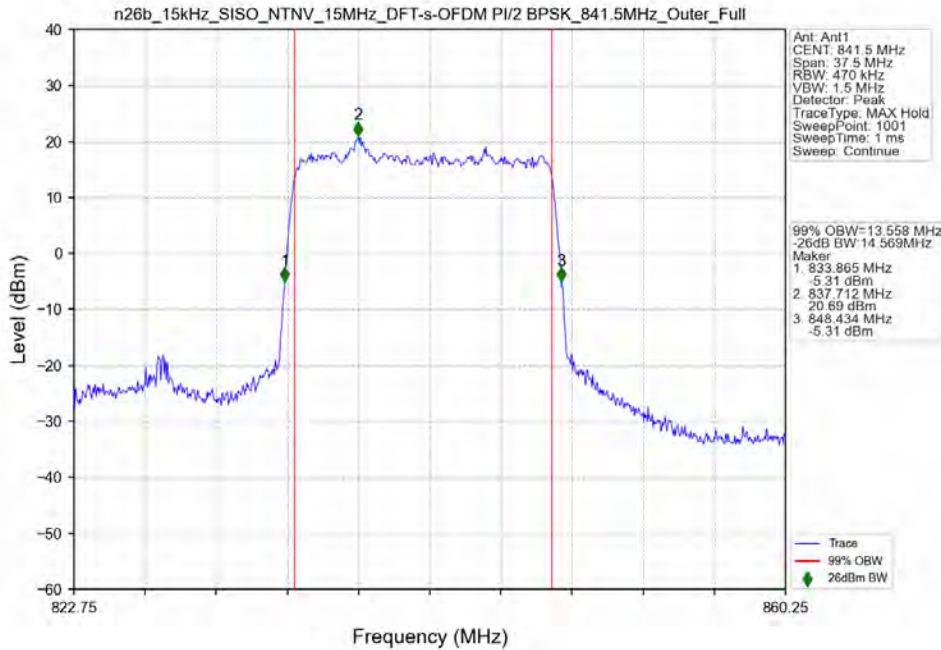
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n26b\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM PI/2 BPSK\_841.5MHz\_Outer\_Full



n26b\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM QPSK\_831.5MHz\_Outer\_Full



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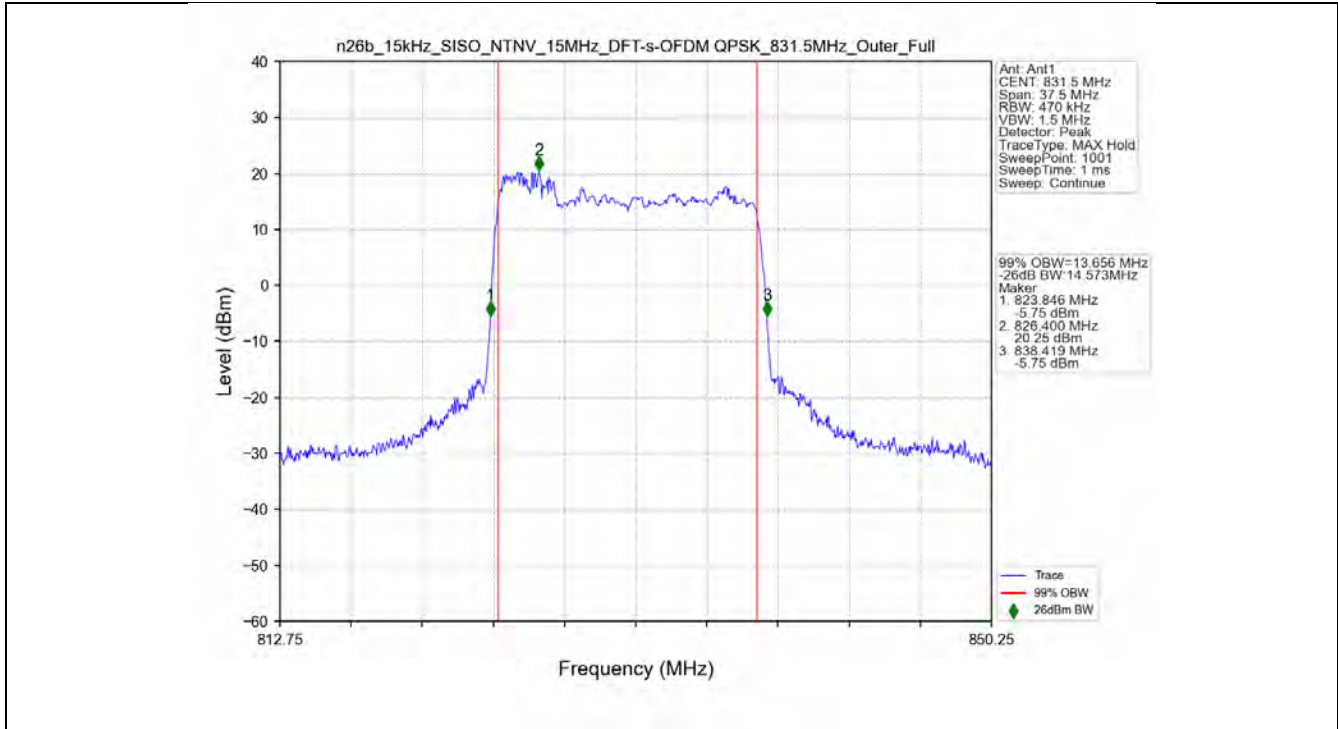


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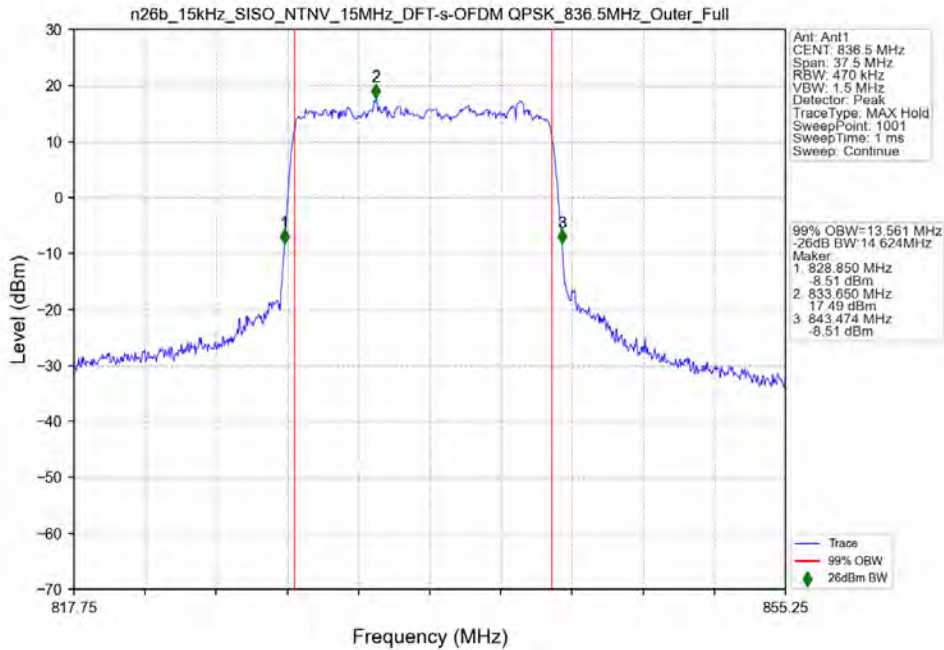
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n26b\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM QPSK\_836.5MHz\_Outer\_Full



n26b\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM QPSK\_841.5MHz\_Outer\_Full



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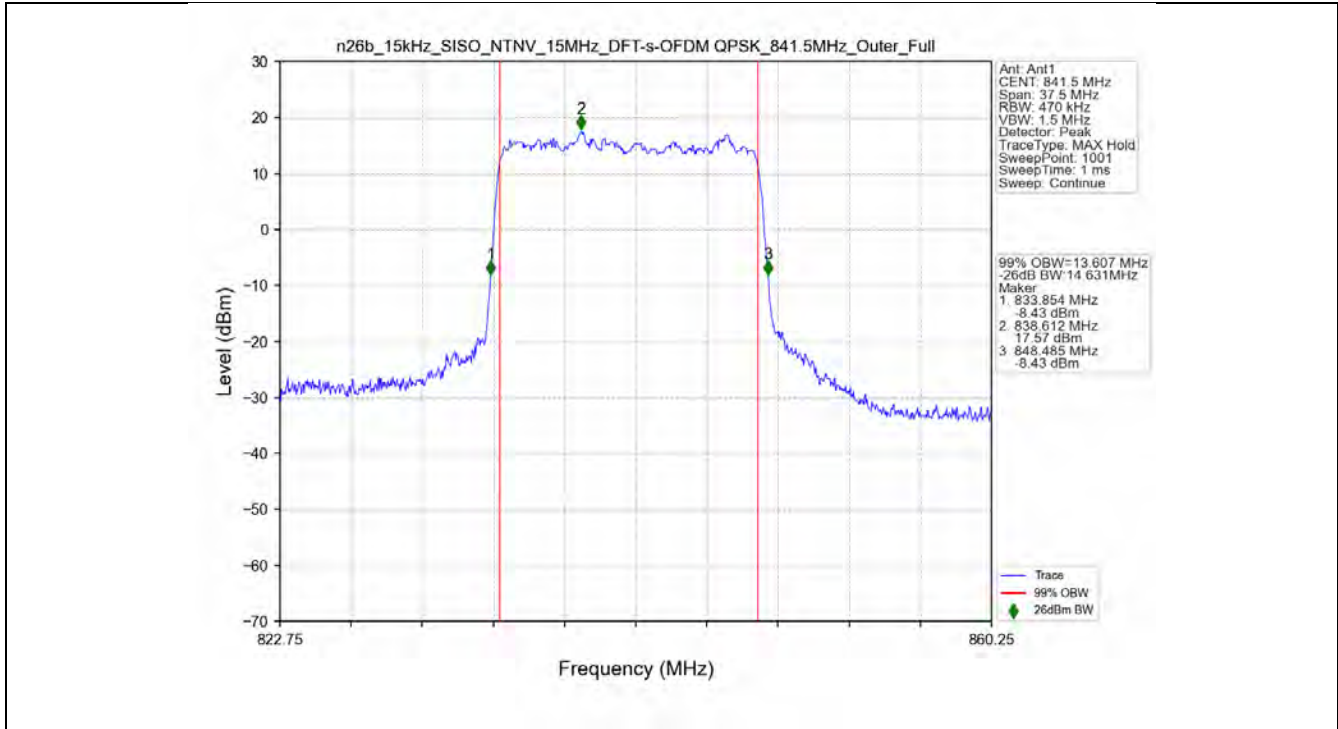


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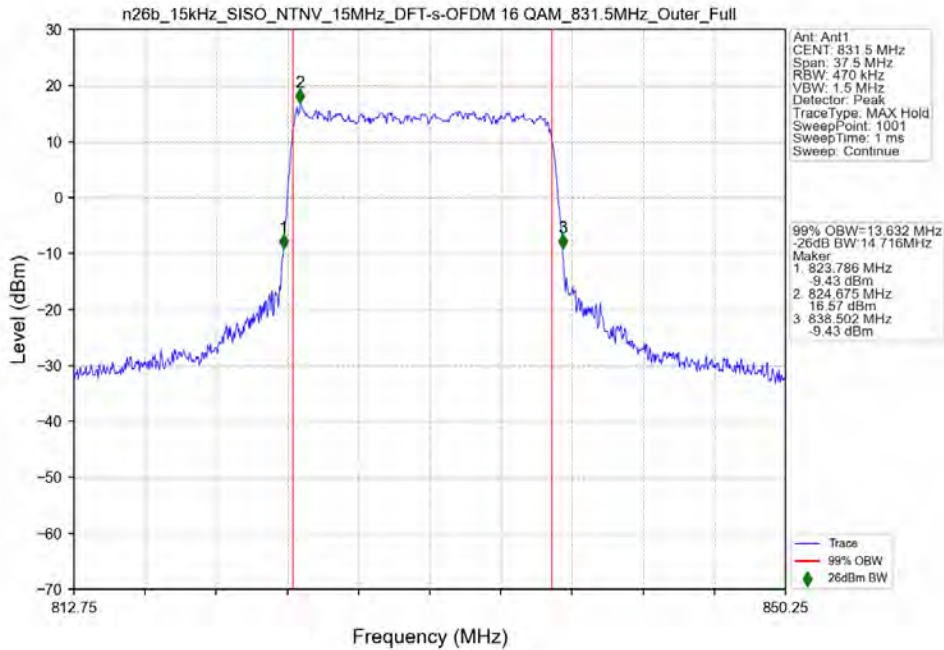
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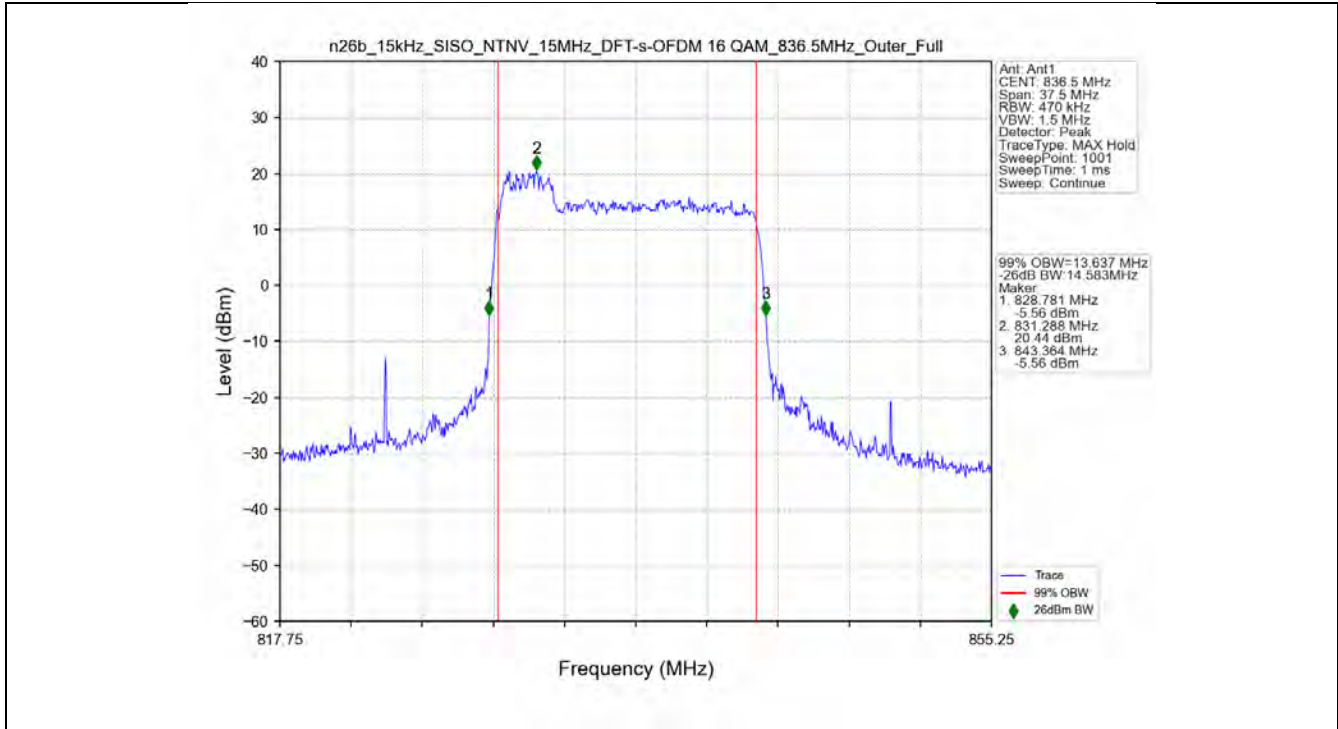


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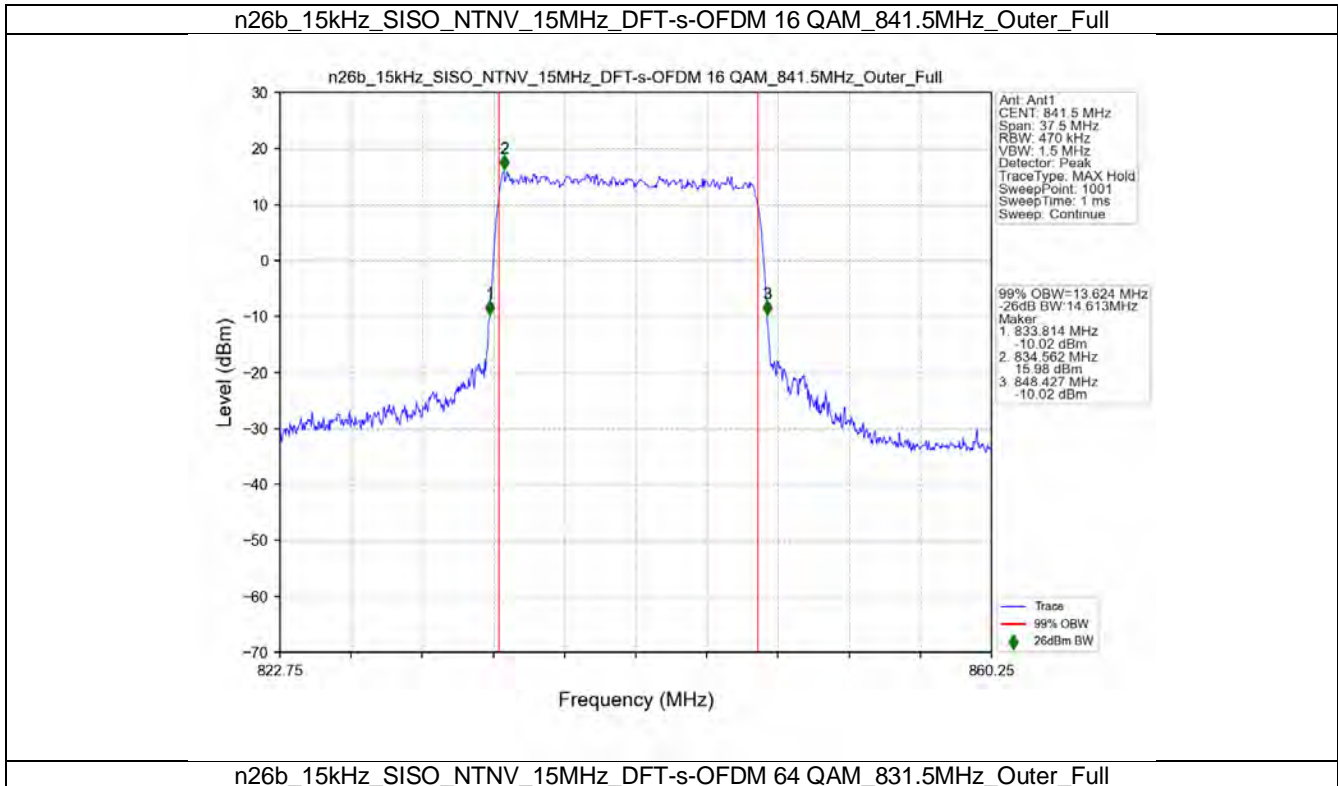


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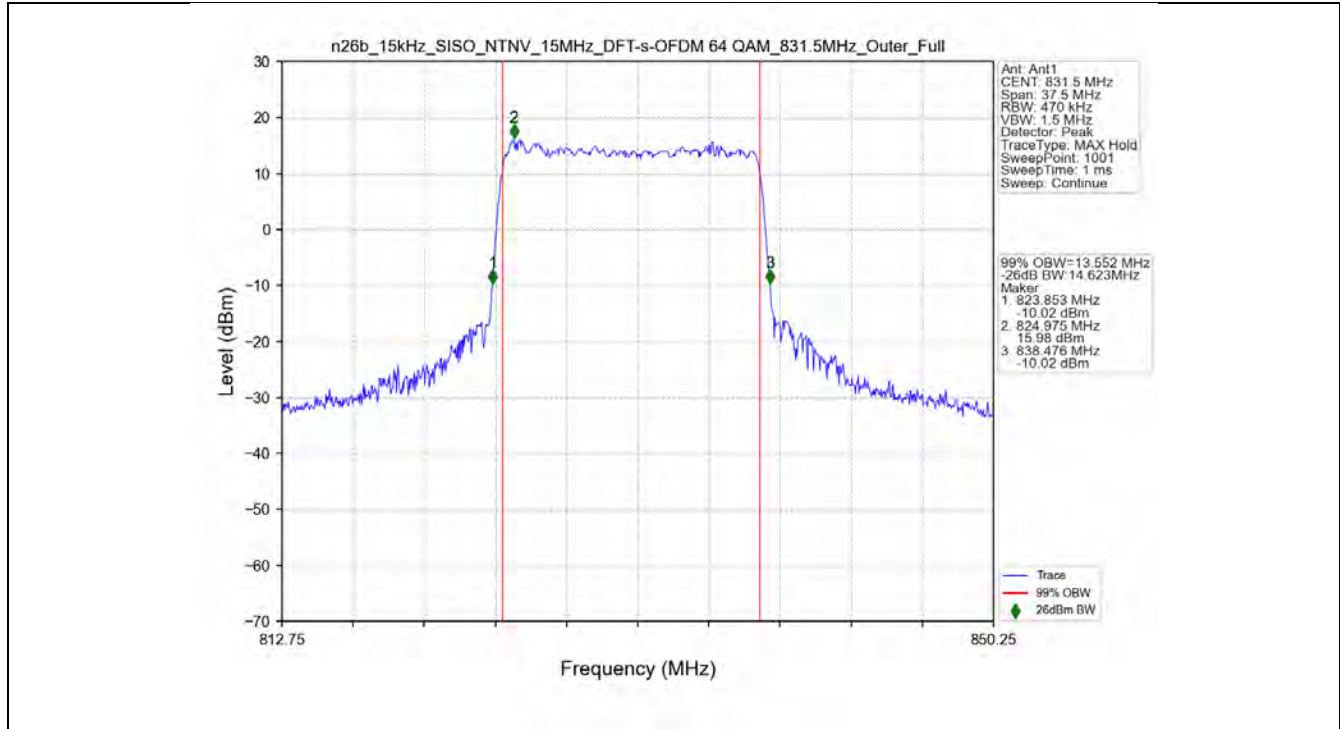


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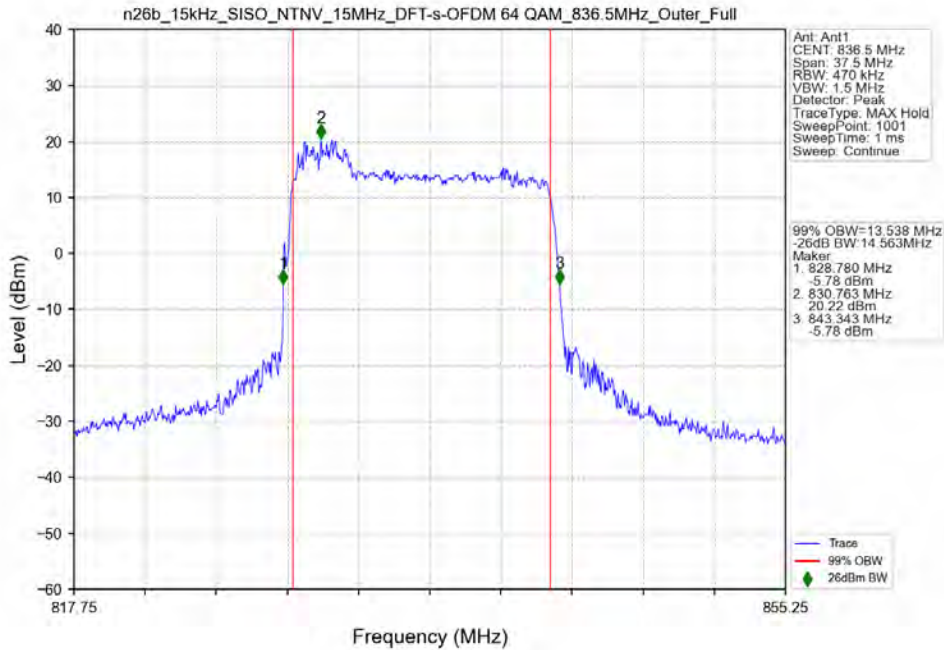
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n26b\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM 64 QAM\_841.5MHz\_Outer\_Full



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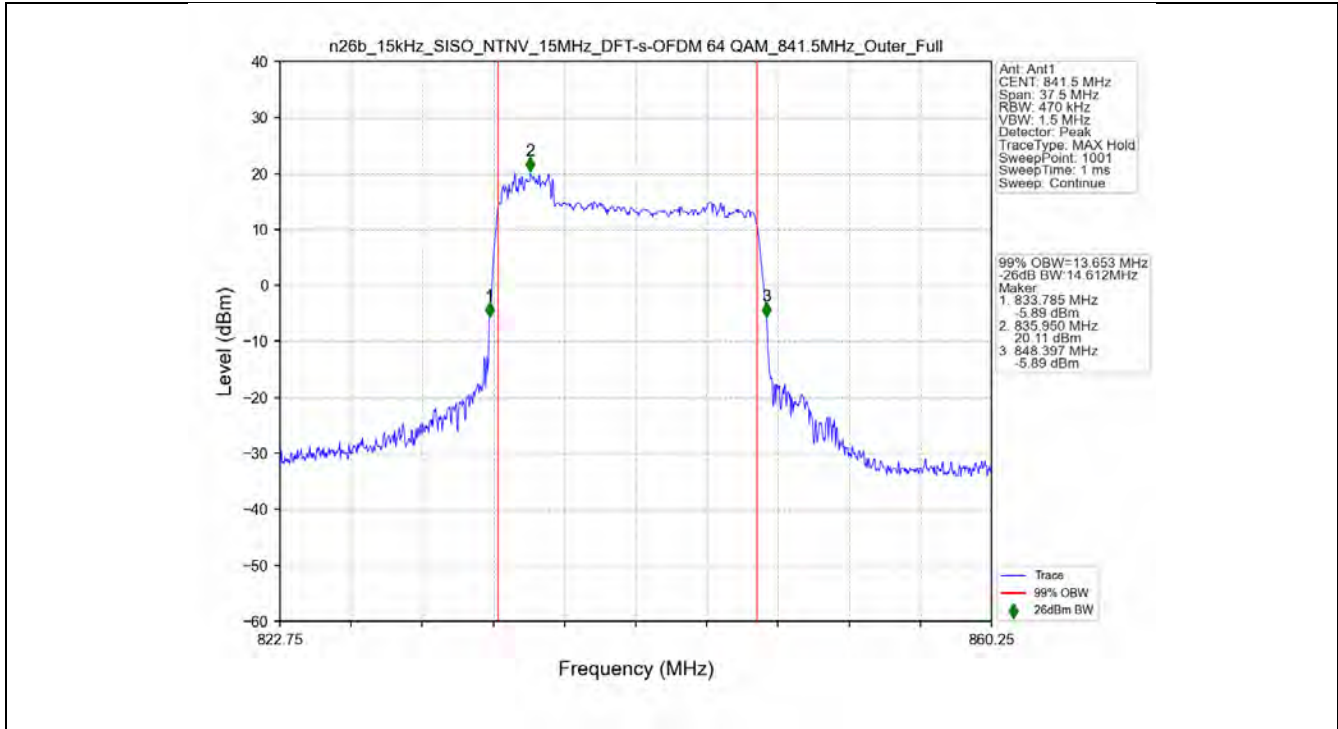


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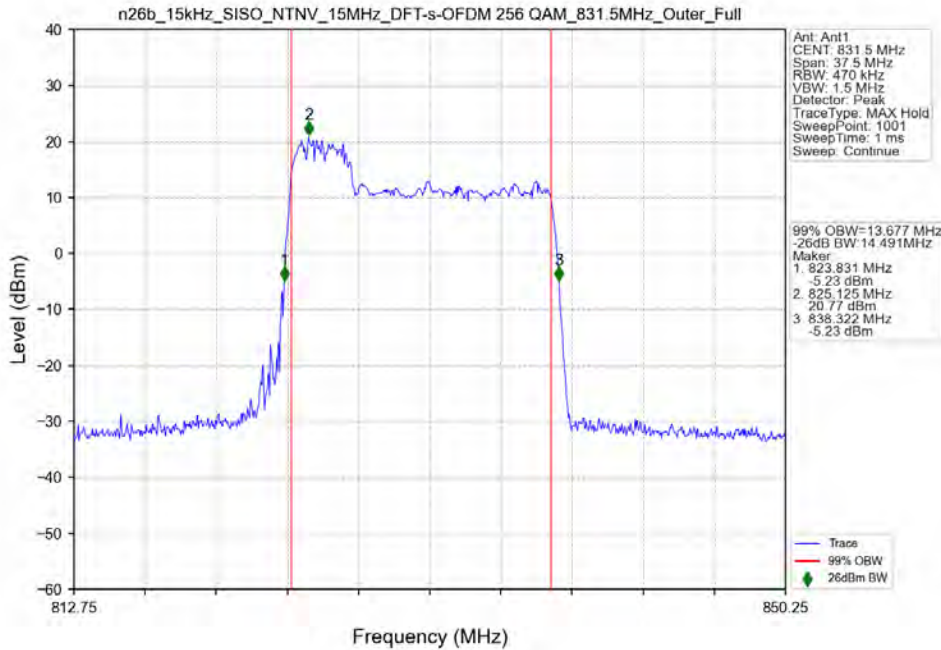
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n26b\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM 256 QAM\_831.5MHz\_Outer\_Full



n26b\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM 256 QAM\_836.5MHz\_Outer\_Full



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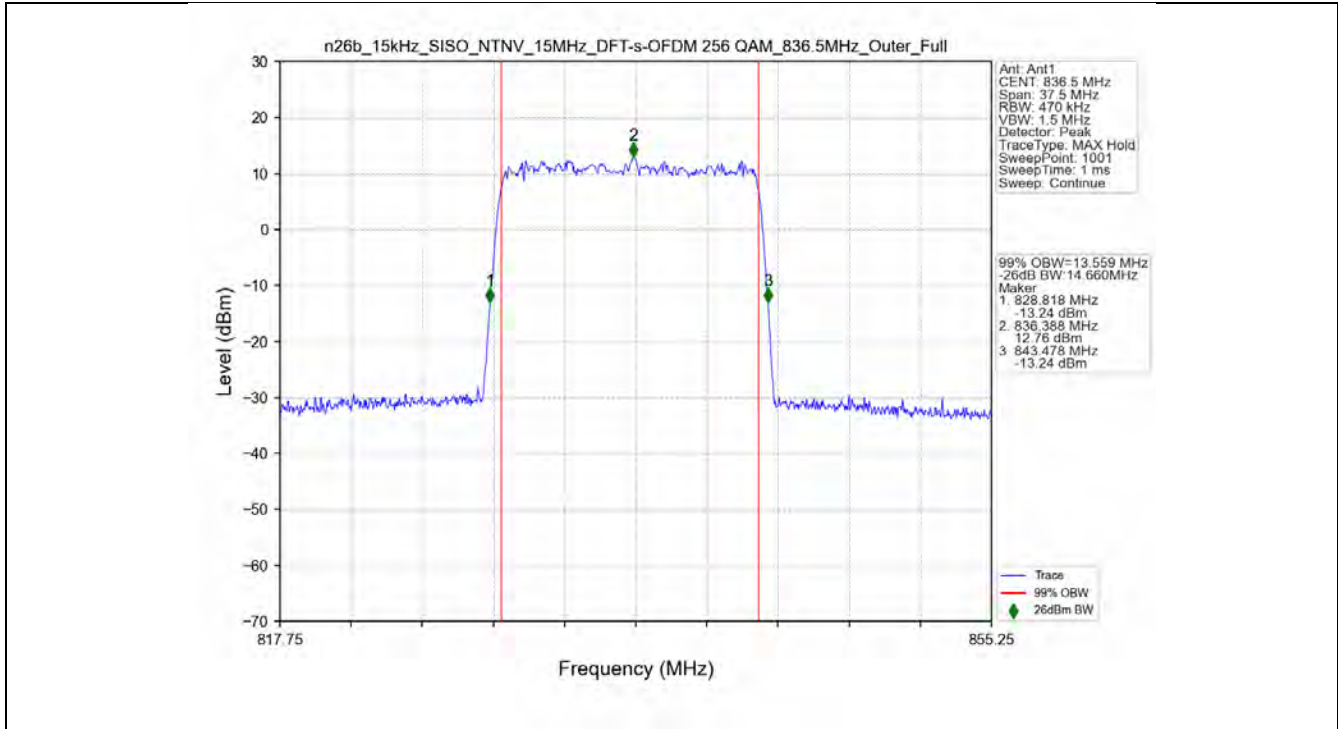


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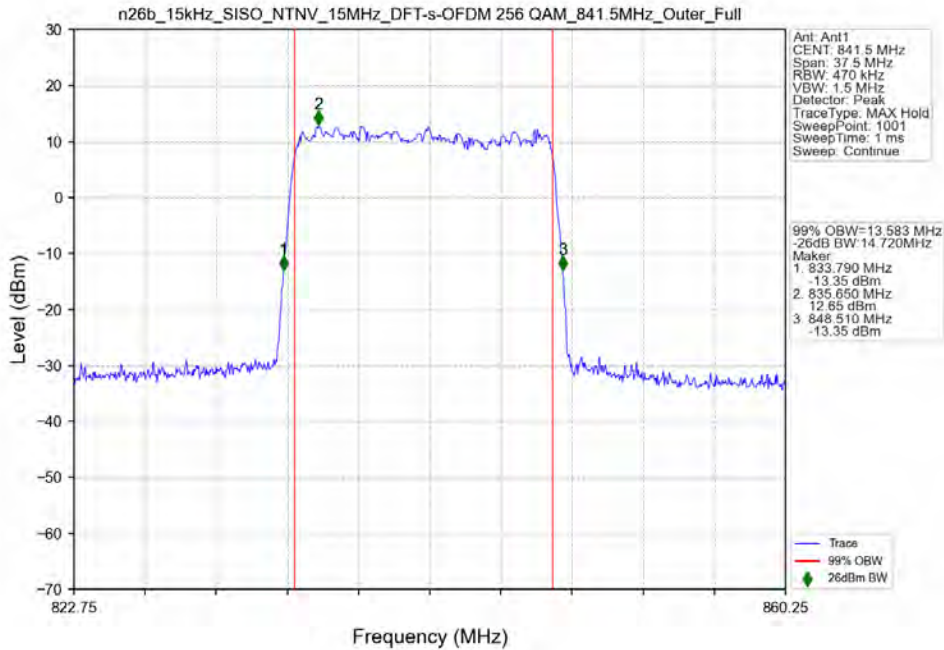
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n26b\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM QPSK\_831.5MHz\_Outer\_Full



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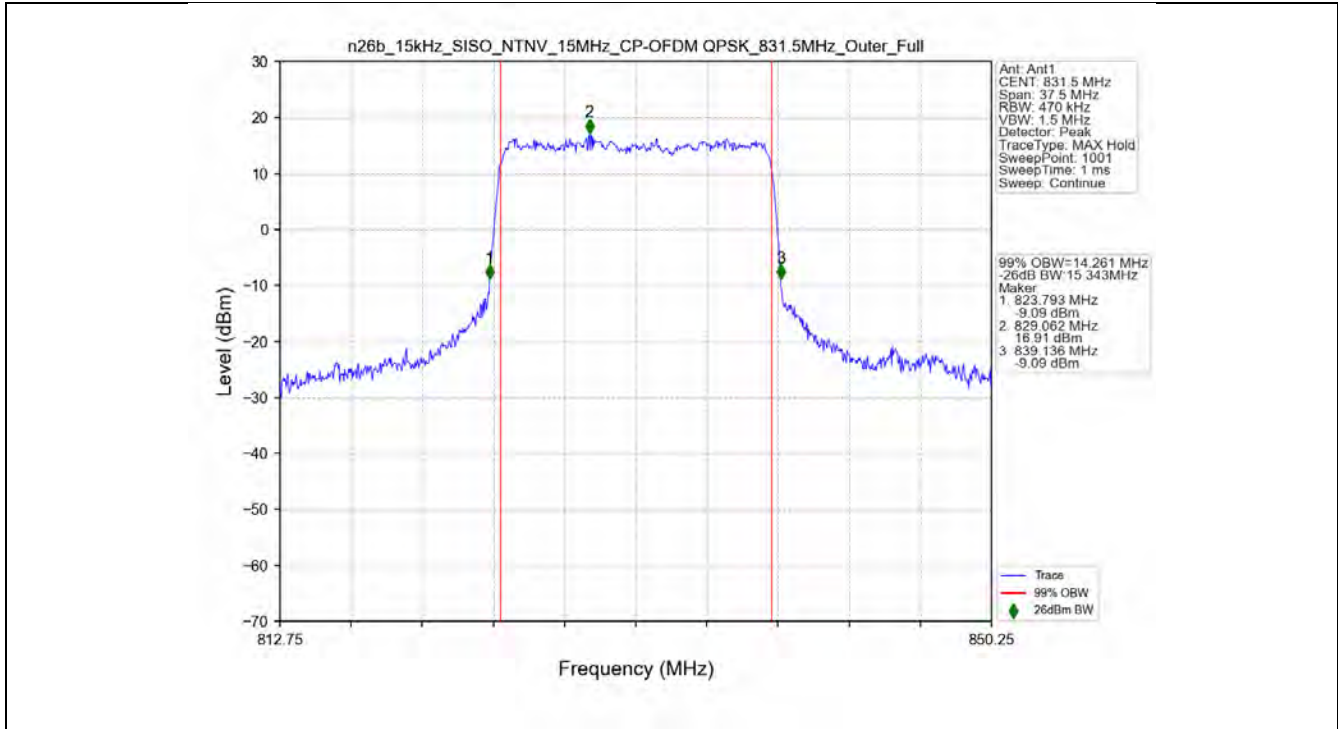


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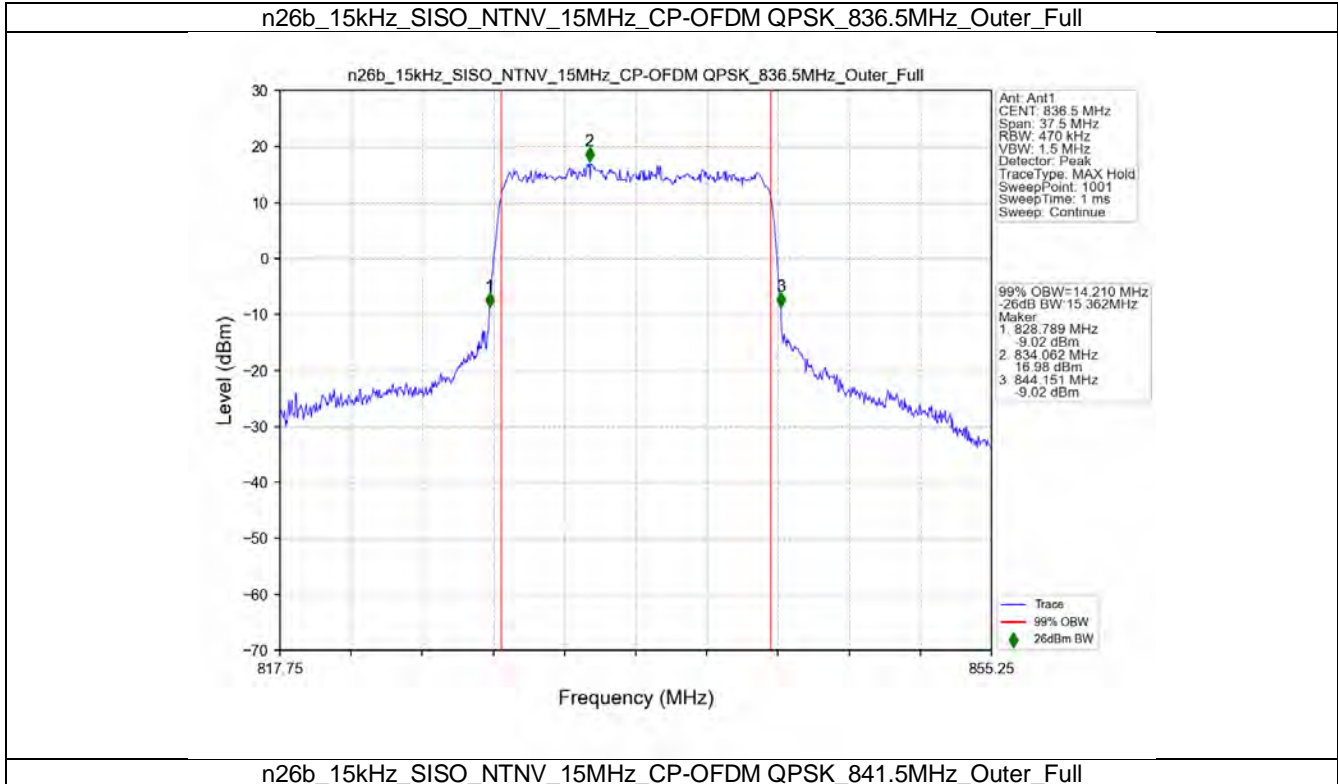


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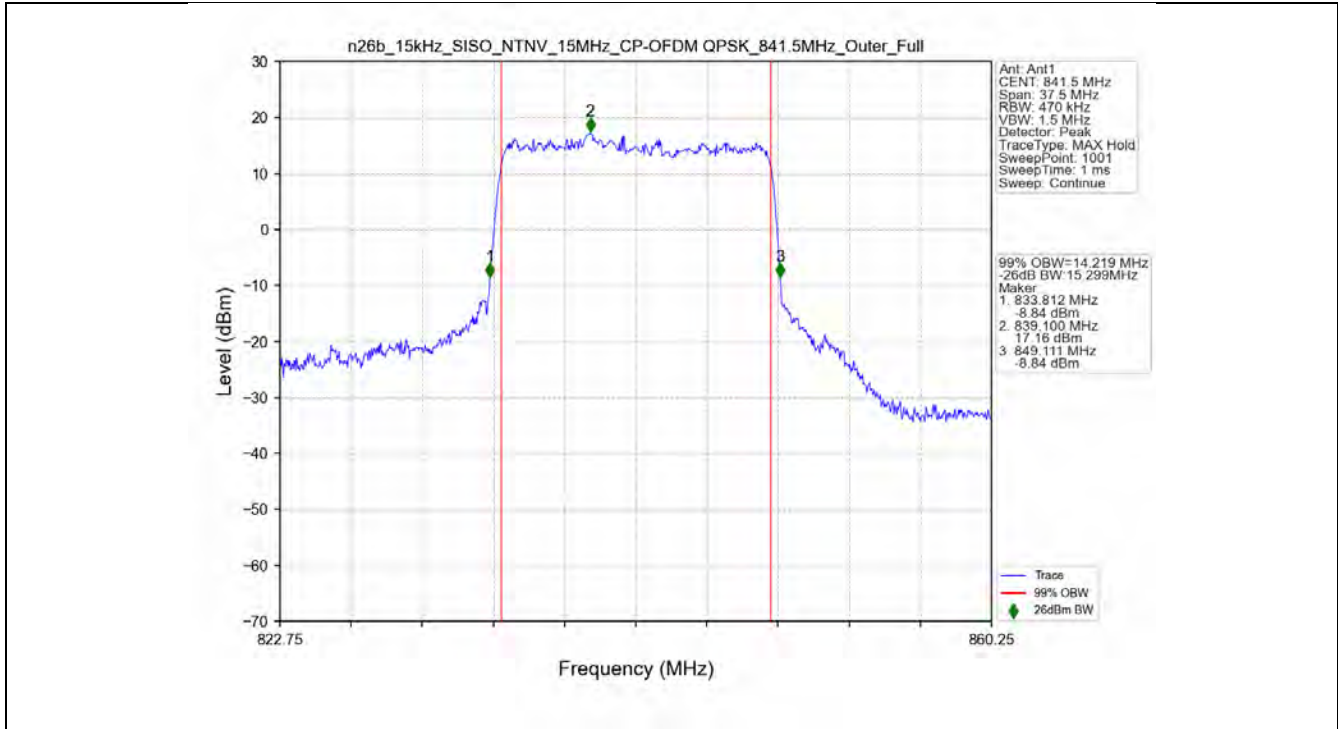


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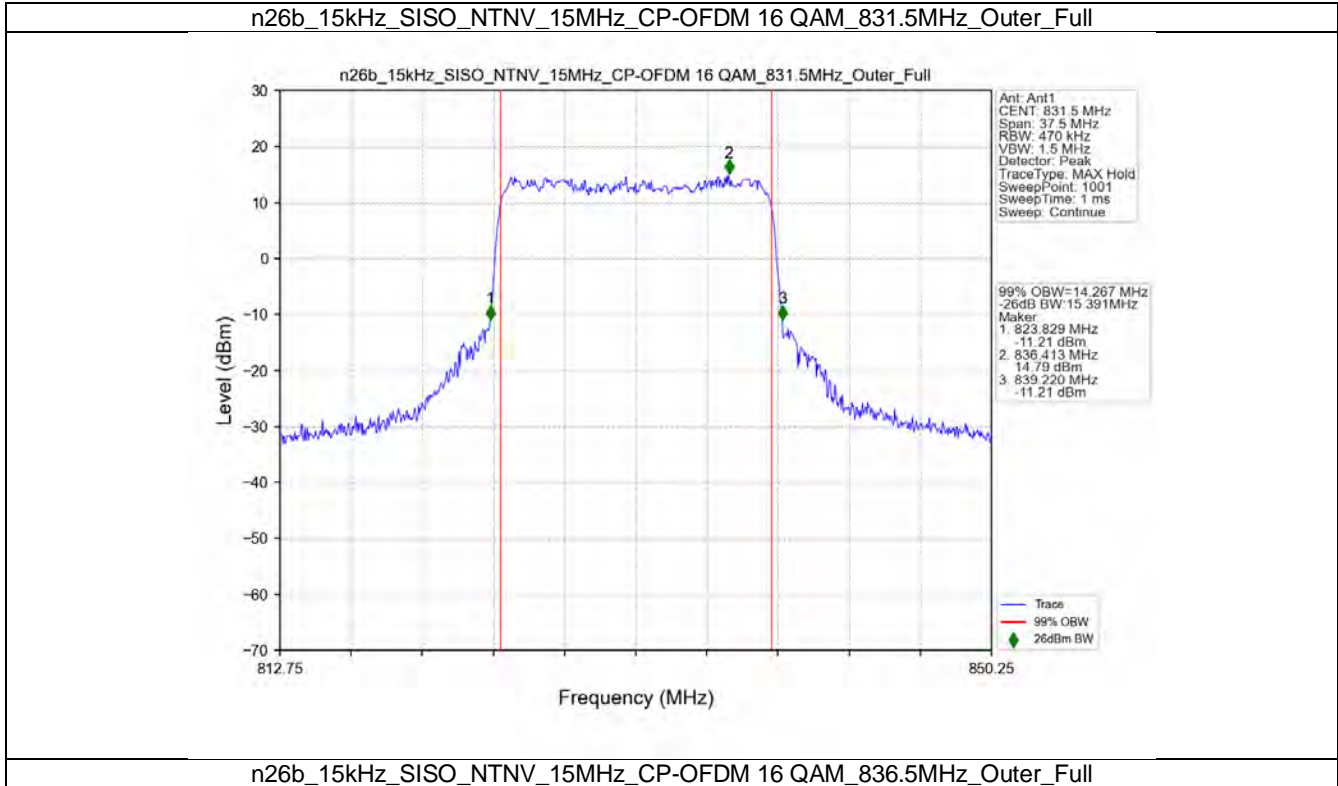


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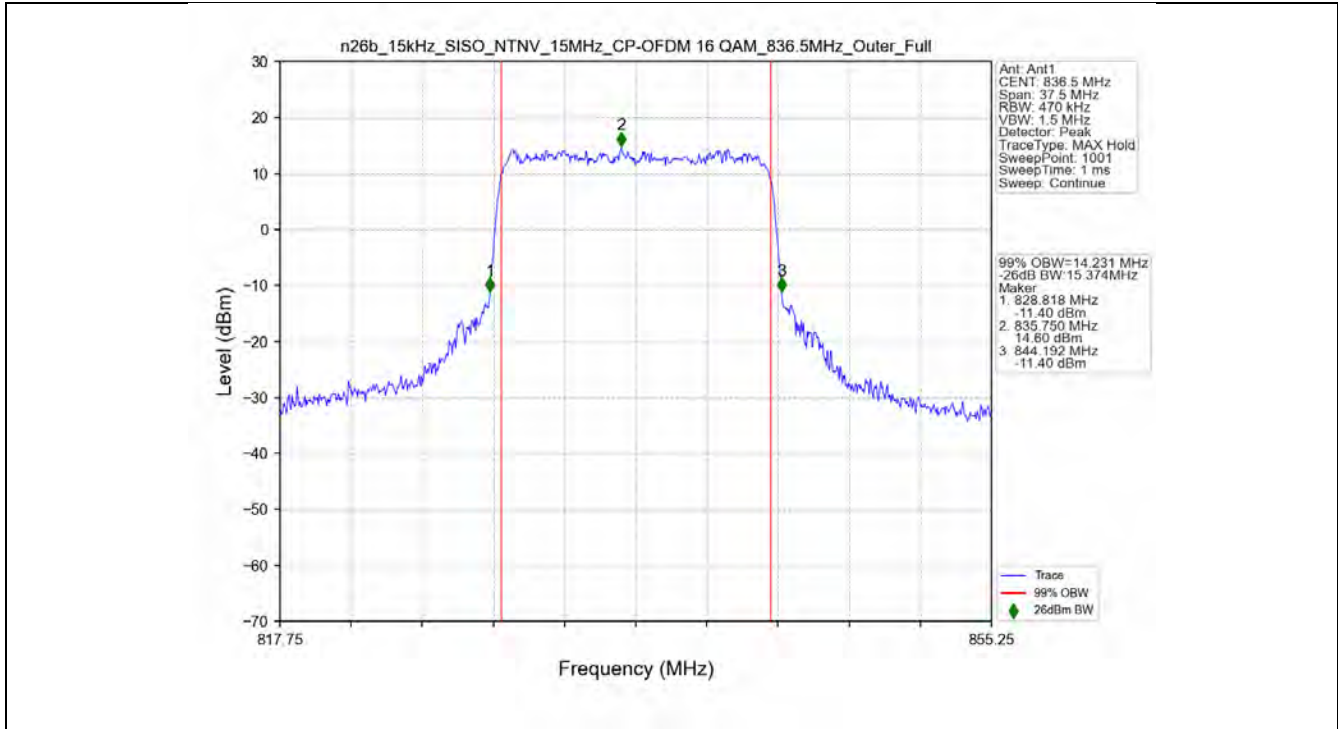


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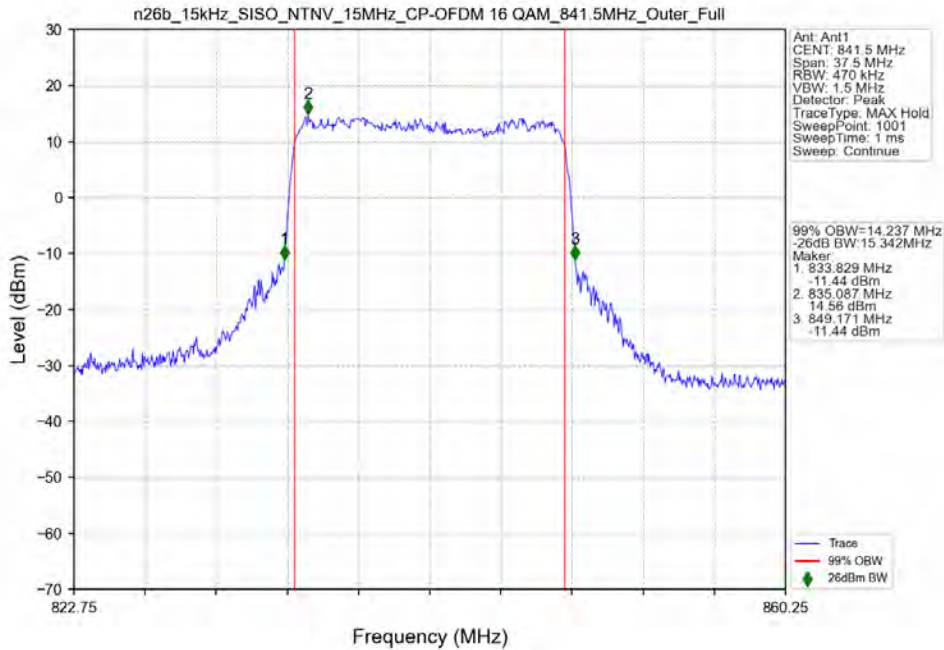
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n26b\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM 16 QAM\_841.5MHz\_Outer\_Full



n26b\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM 64 QAM\_831.5MHz\_Outer\_Full



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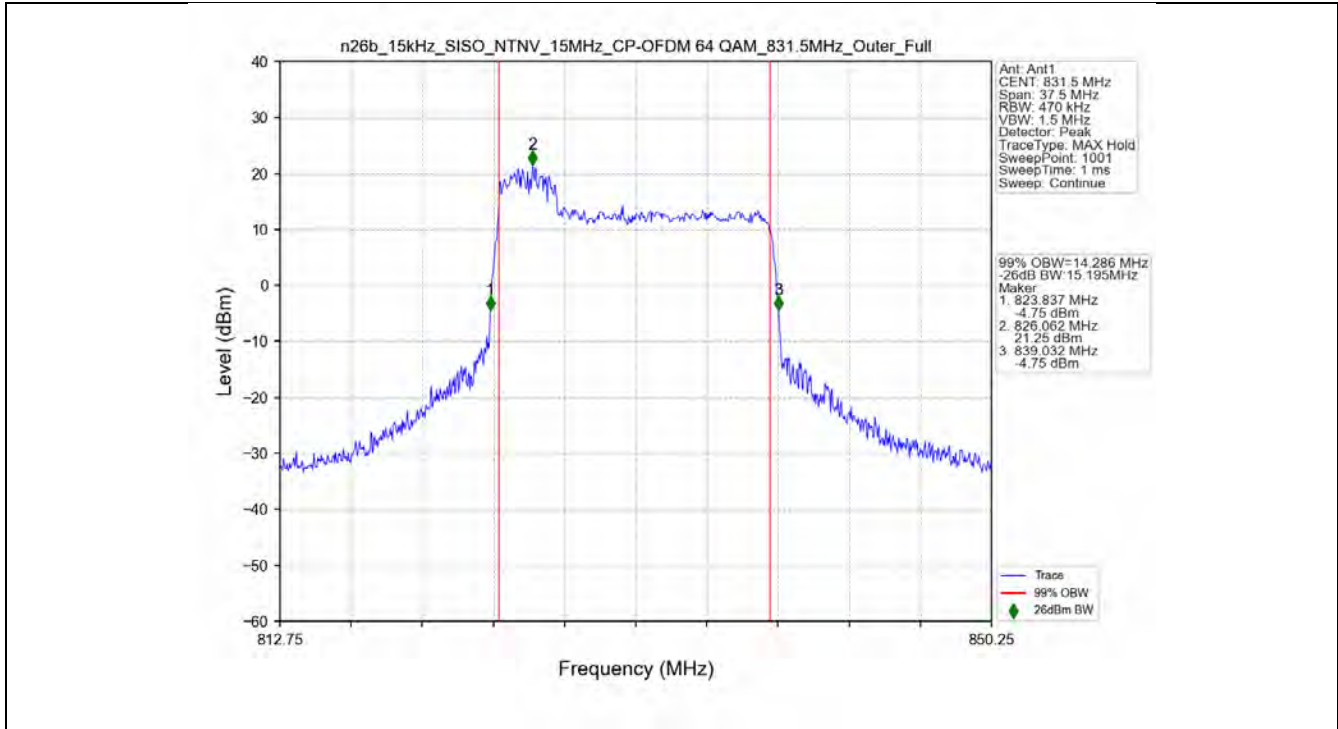


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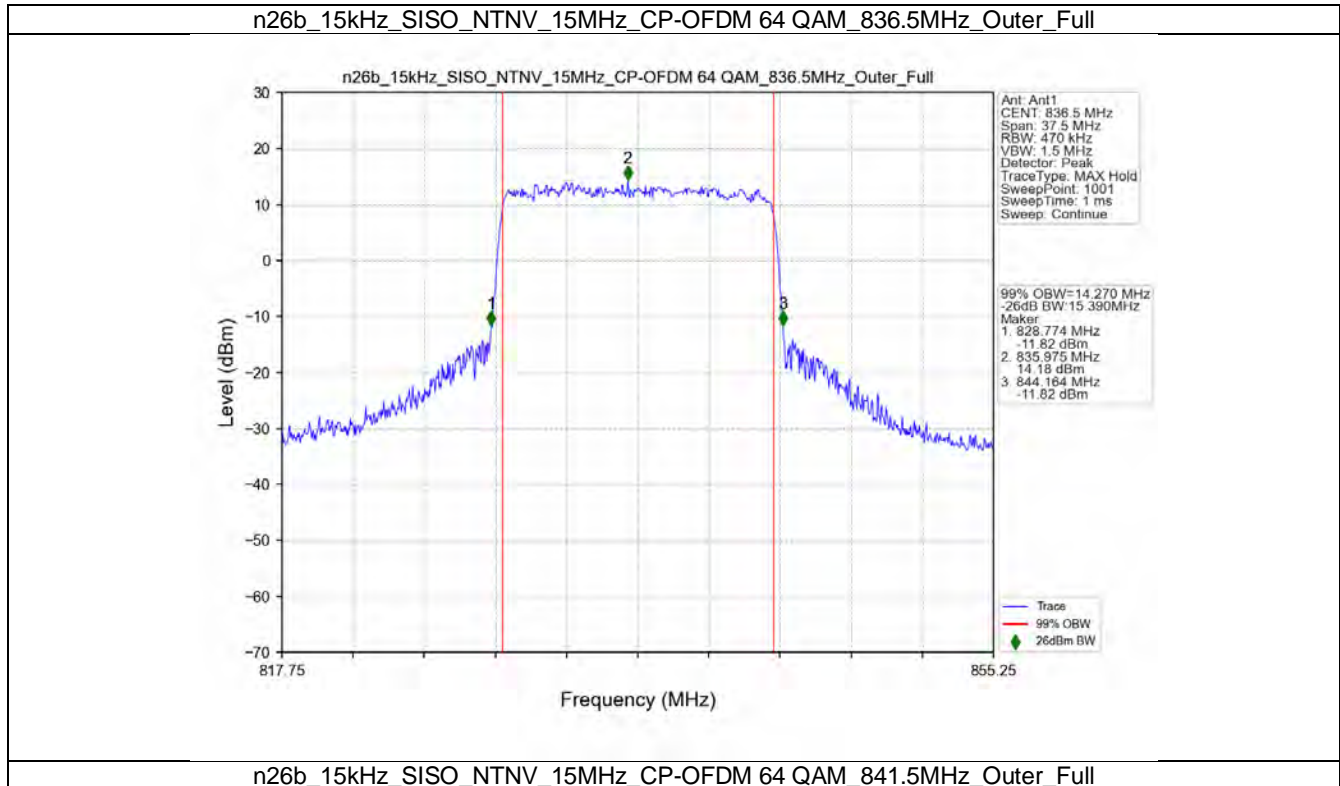


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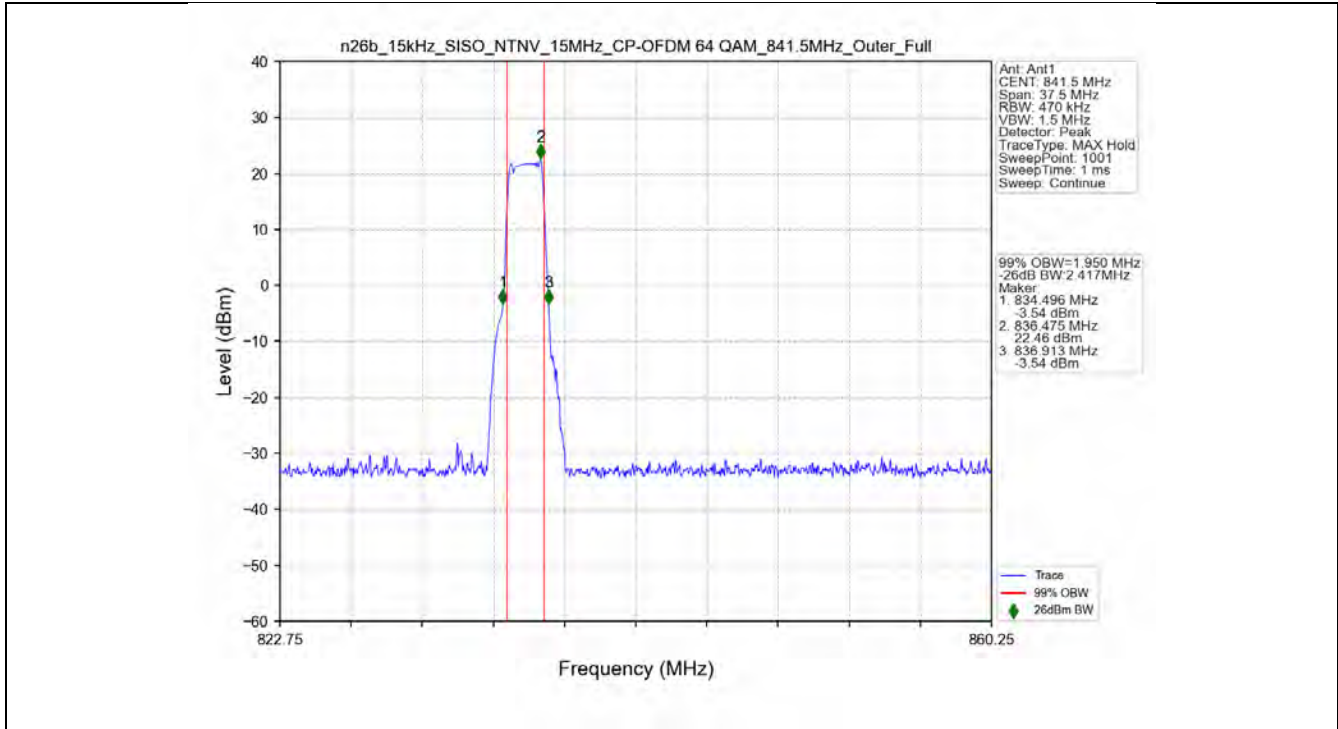


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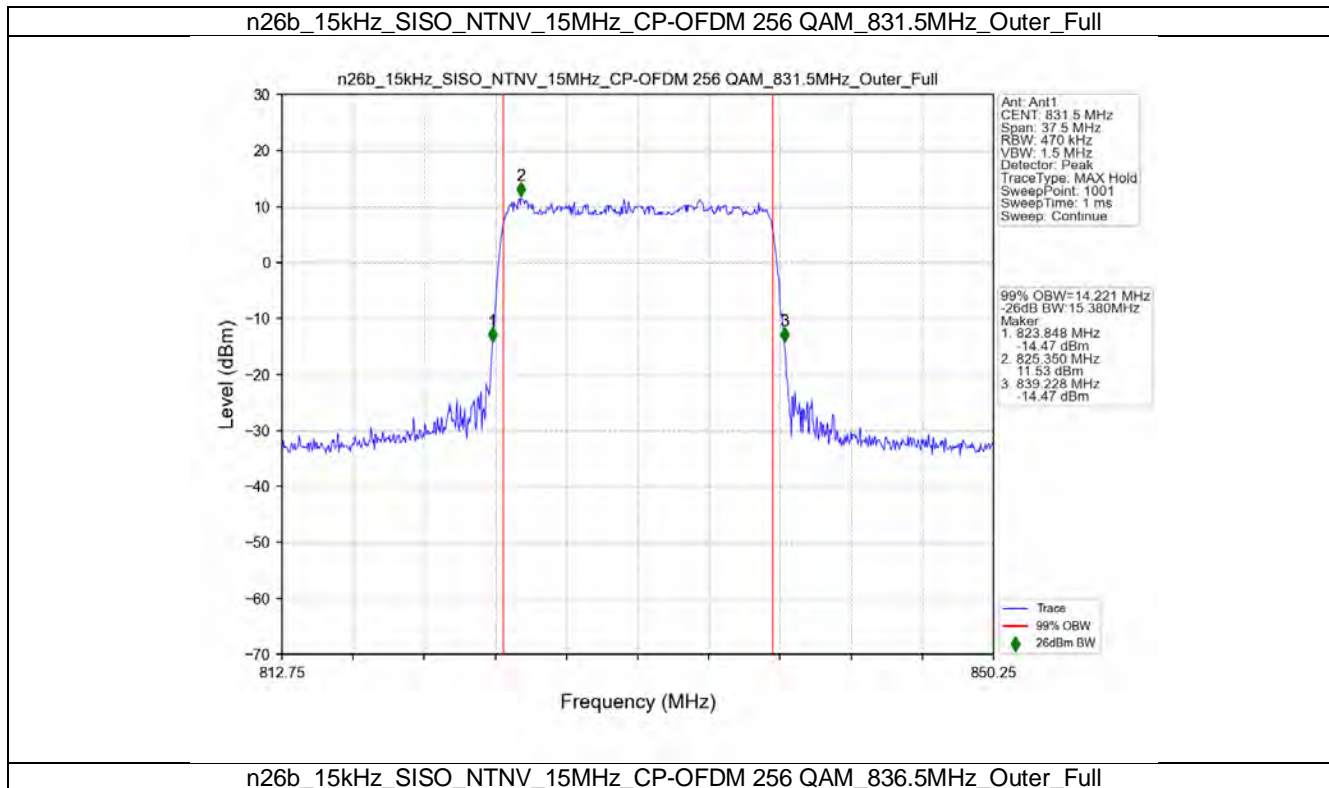
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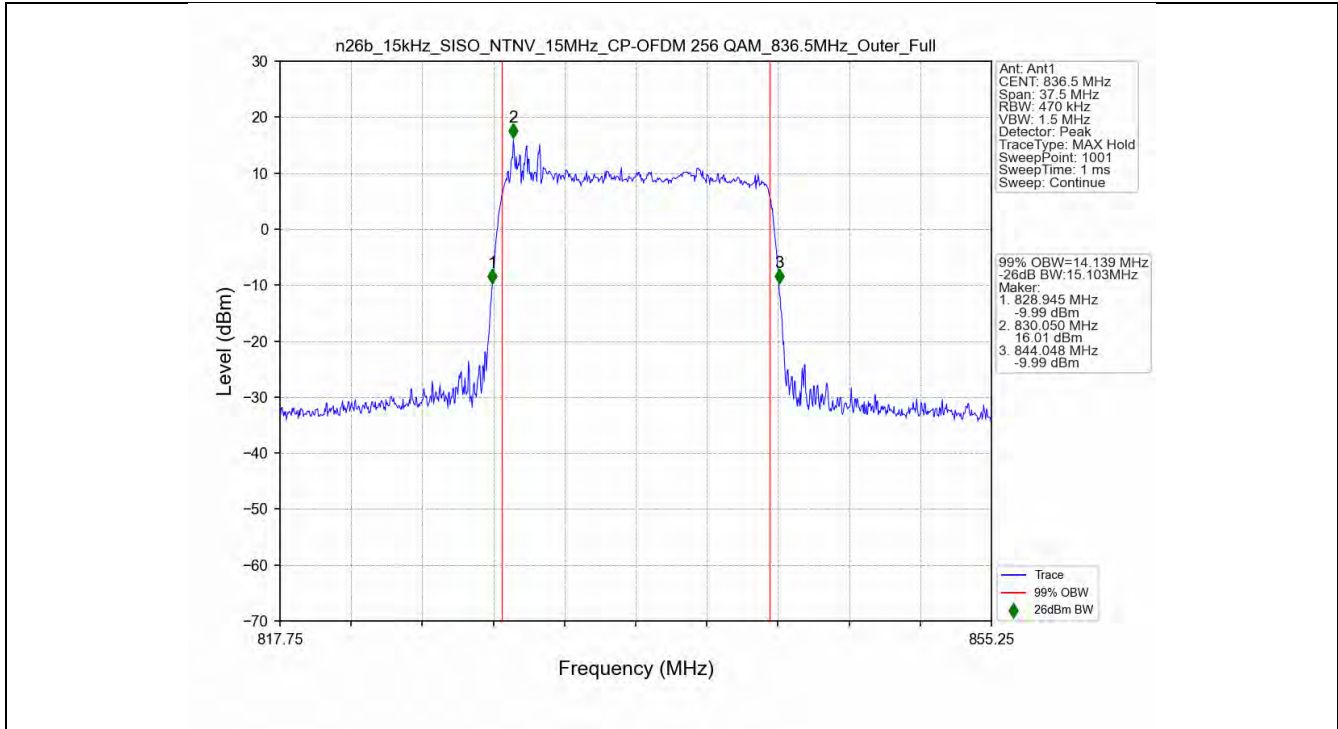


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## 3.4 15k\_SISO\_20MHz\_NTNV

### 3.4.1 Test Result

5G NR n26b SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	834	Outer_Full	18.04	19.37	/	Pass
	836.5	Outer_Full	18.10	19.33	/	Pass
	839	Outer_Full	18.04	19.38	/	Pass
DFT-s-OFDM QPSK	834	Outer_Full	18.01	19.45	/	Pass
	836.5	Outer_Full	17.97	19.39	/	Pass
	839	Outer_Full	18.02	19.52	/	Pass
DFT-s-OFDM 16 QAM	834	Outer_Full	17.97	19.38	/	Pass
	836.5	Outer_Full	17.96	19.35	/	Pass
	839	Outer_Full	17.97	19.40	/	Pass
DFT-s-OFDM 64 QAM	834	Outer_Full	18.00	19.45	/	Pass
	836.5	Outer_Full	17.99	19.44	/	Pass
	839	Outer_Full	18.16	19.34	/	Pass
DFT-s-OFDM 256 QAM	834	Outer_Full	18.01	19.37	/	Pass
	836.5	Outer_Full	17.99	19.36	/	Pass
	839	Outer_Full	17.99	19.36	/	Pass
CP-OFDM QPSK	834	Outer_Full	18.98	20.54	/	Pass
	836.5	Outer_Full	18.96	20.51	/	Pass
	839	Outer_Full	18.99	20.55	/	Pass
CP-OFDM 16 QAM	834	Outer_Full	19.06	20.58	/	Pass
	836.5	Outer_Full	19.16	20.25	/	Pass
	839	Outer_Full	19.14	20.44	/	Pass
CP-OFDM 64 QAM	834	Outer_Full	19.06	20.51	/	Pass
	836.5	Outer_Full	19.07	20.42	/	Pass
	839	Outer_Full	19.08	20.46	/	Pass
CP-OFDM 256 QAM	834	Outer_Full	19.14	20.58	/	Pass
	836.5	Outer_Full	19.13	20.49	/	Pass
	839	Outer_Full	19.12	20.54	/	Pass



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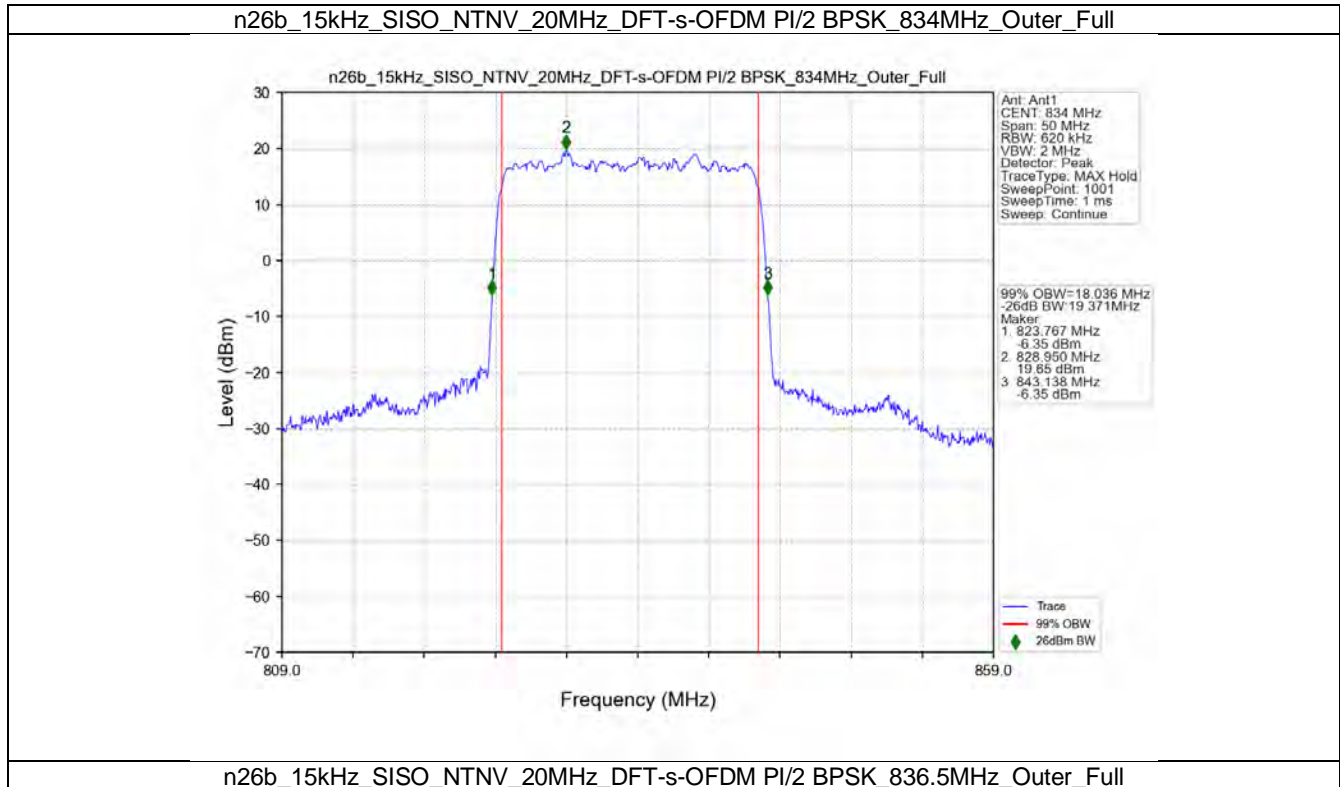
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3.4.2 Test Graph



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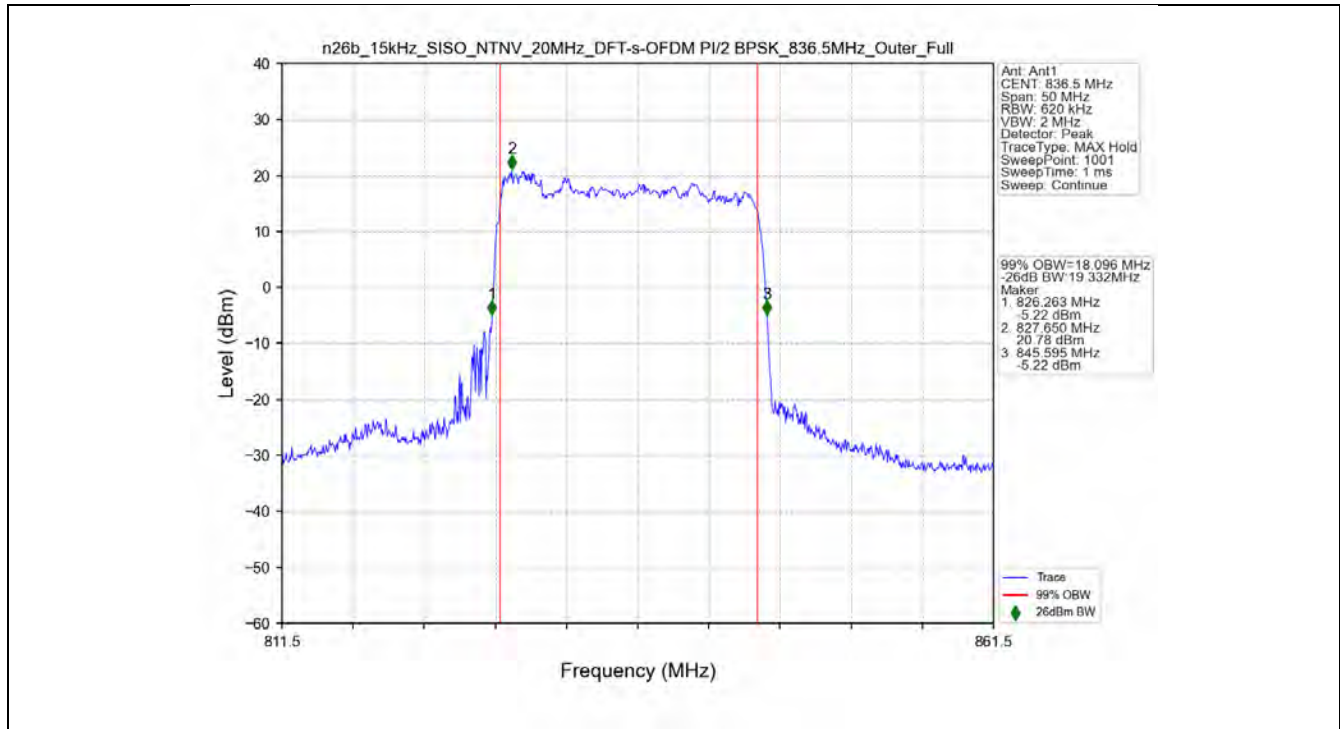


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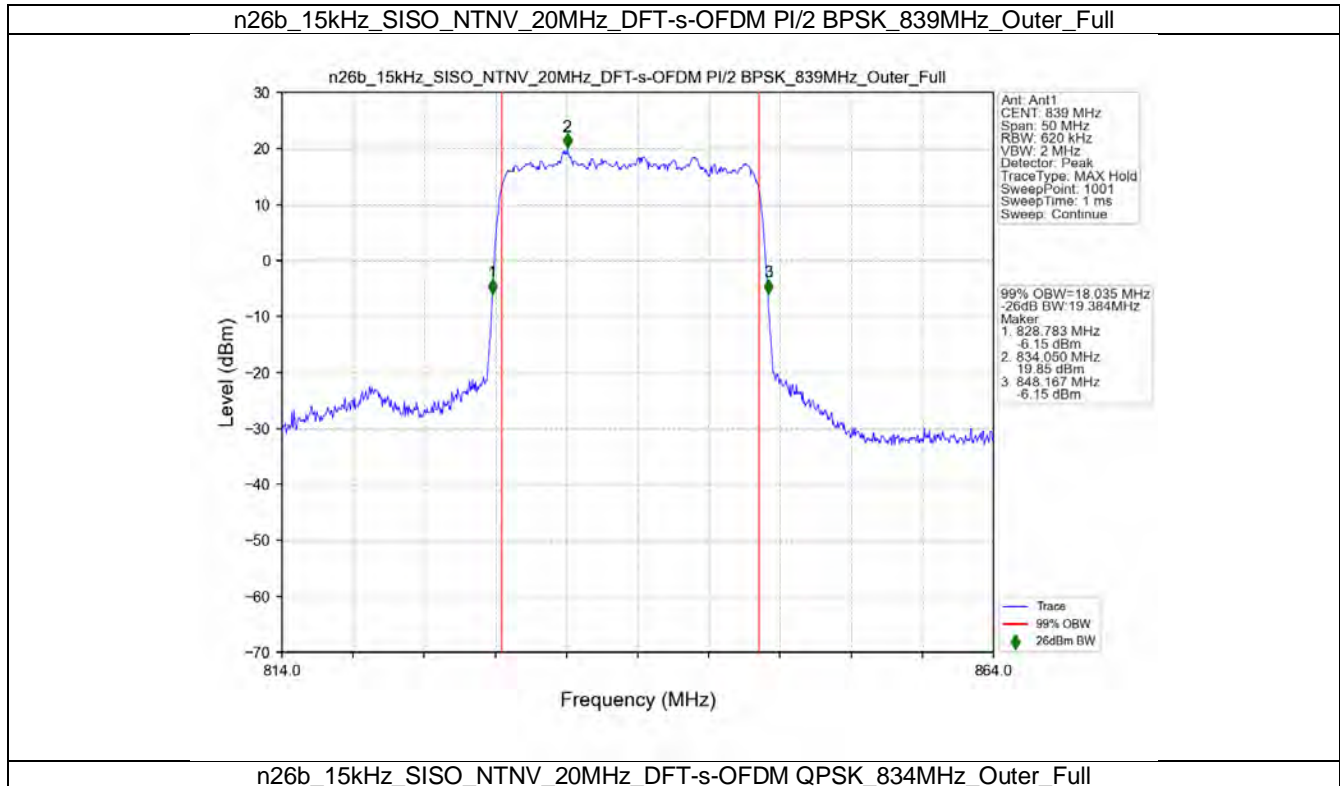


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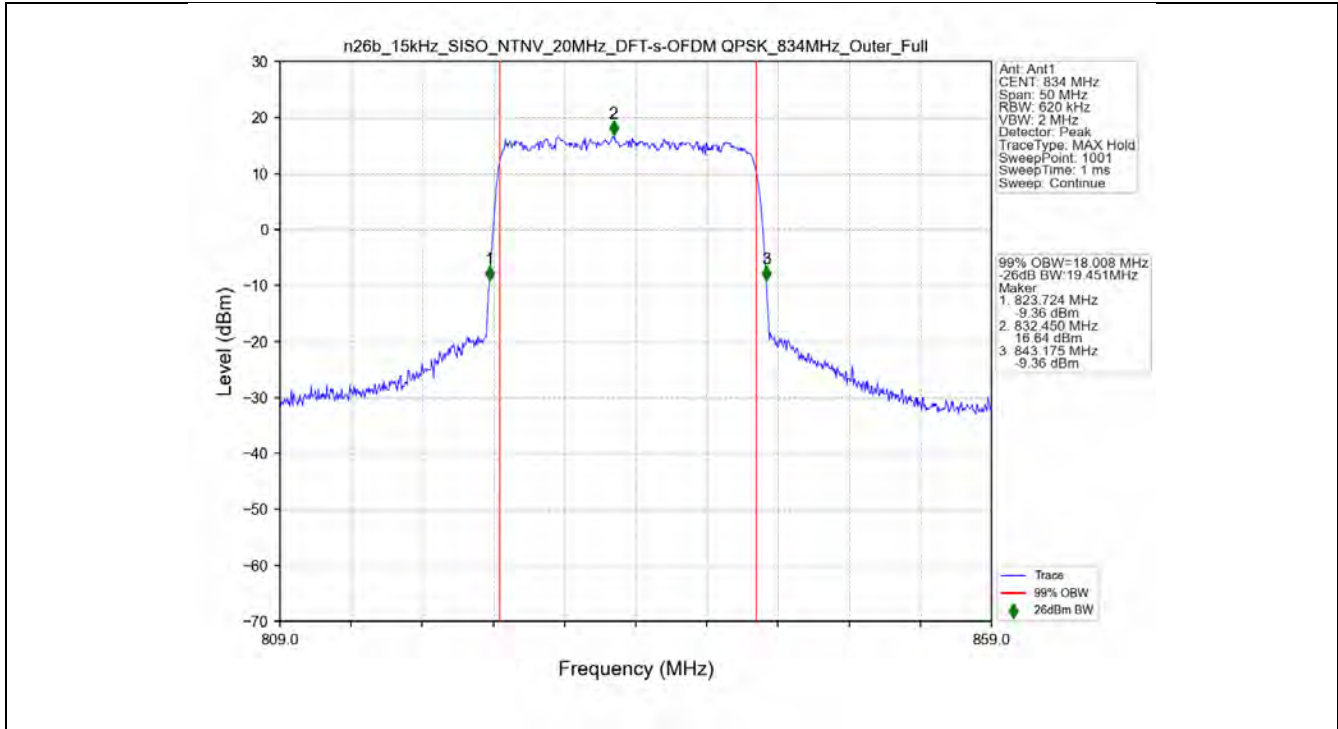


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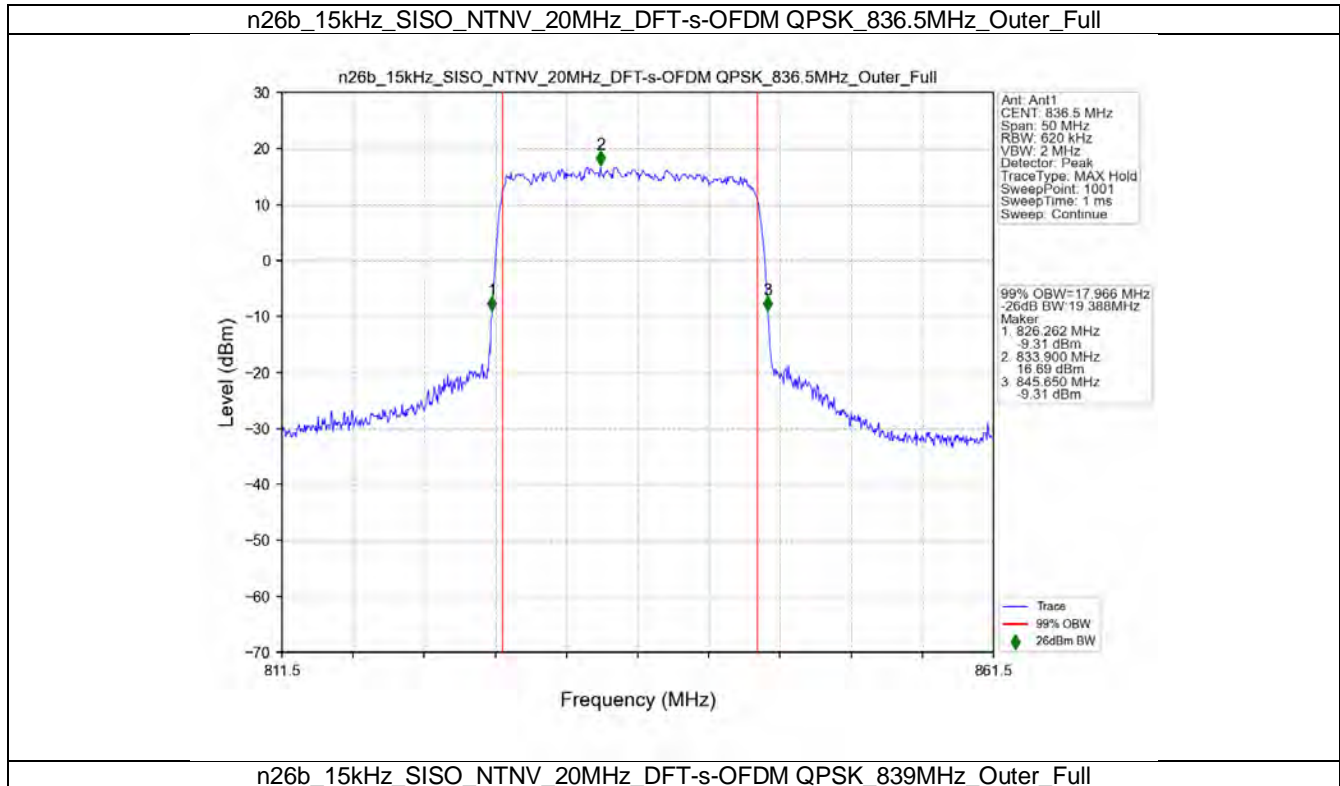


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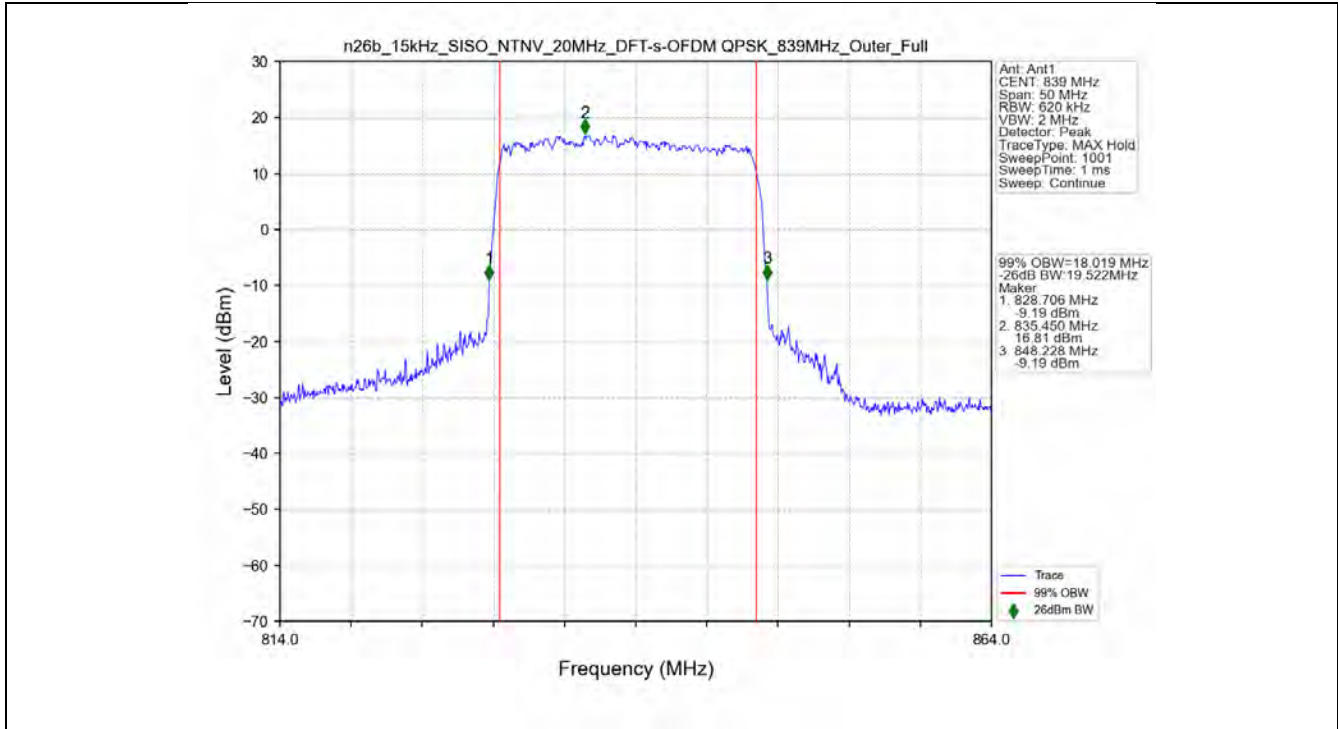


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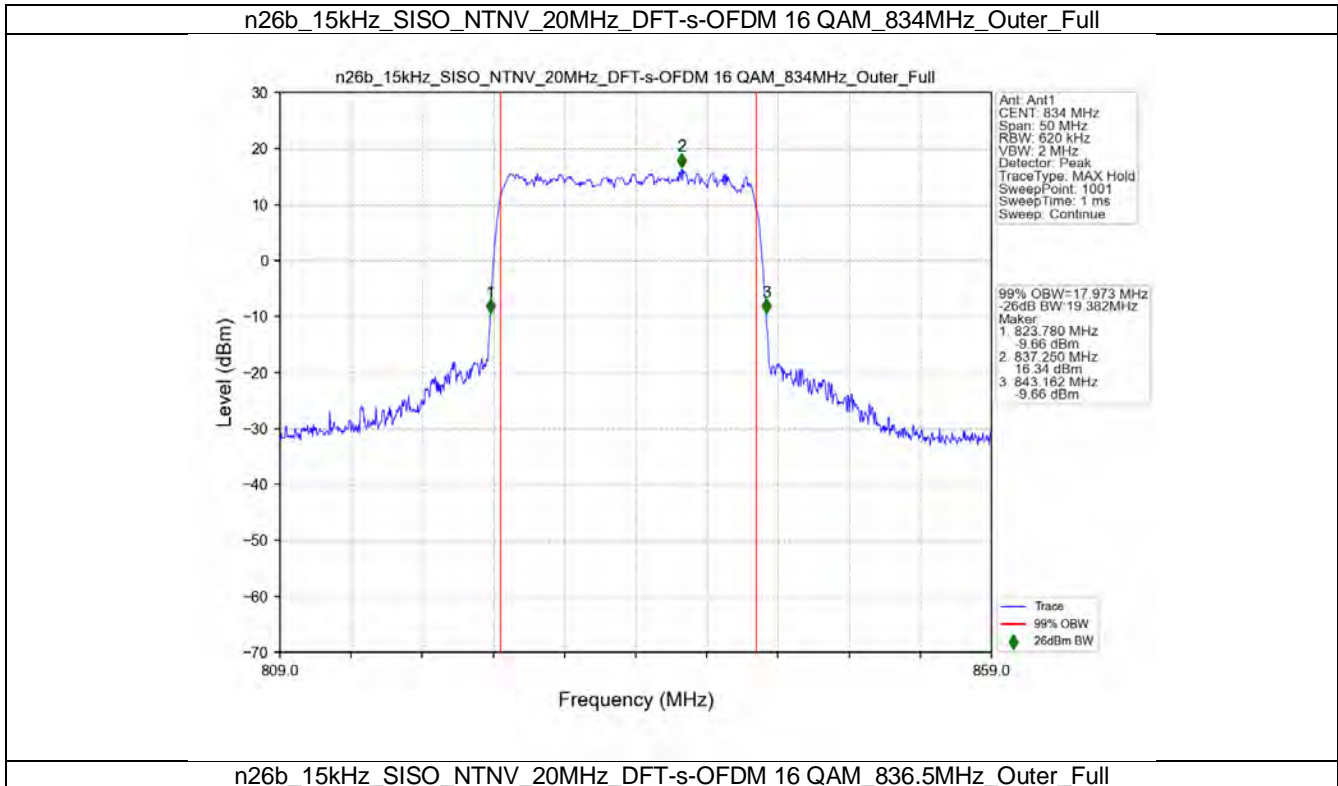


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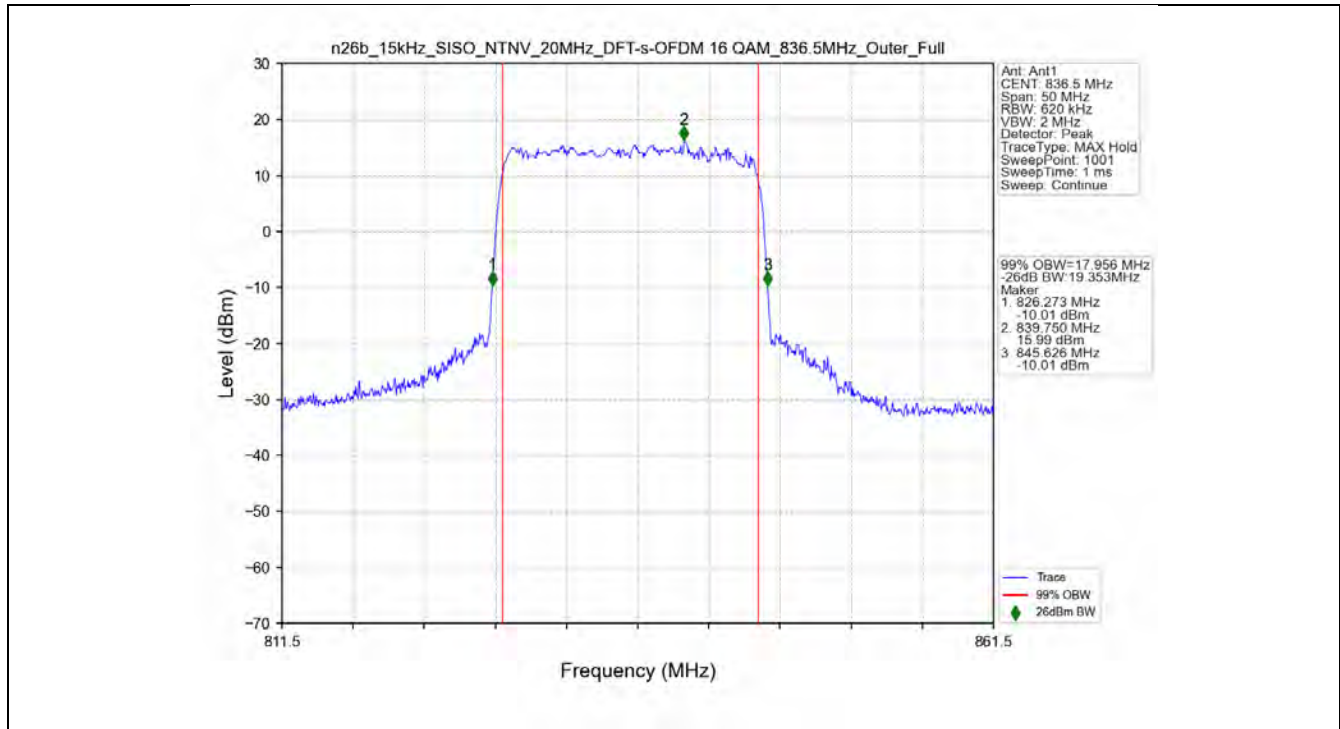


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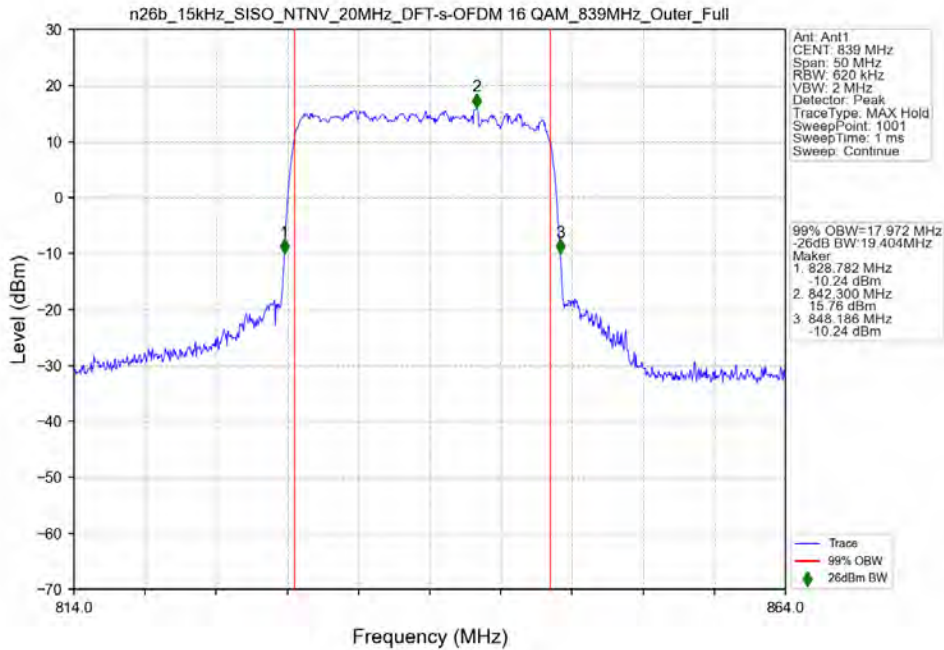
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n26b\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM 16 QAM\_839MHz\_Outer\_Full



n26b\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM 64 QAM\_834MHz\_Outer\_Full



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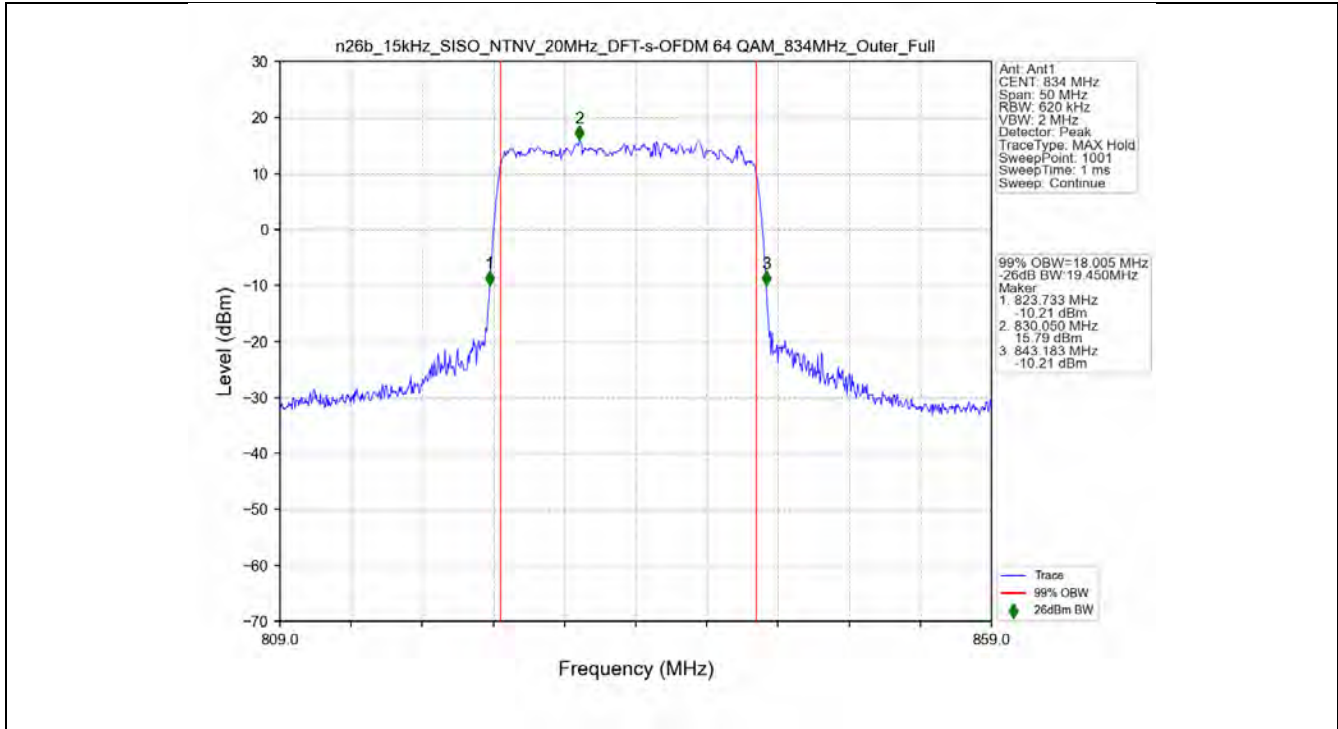


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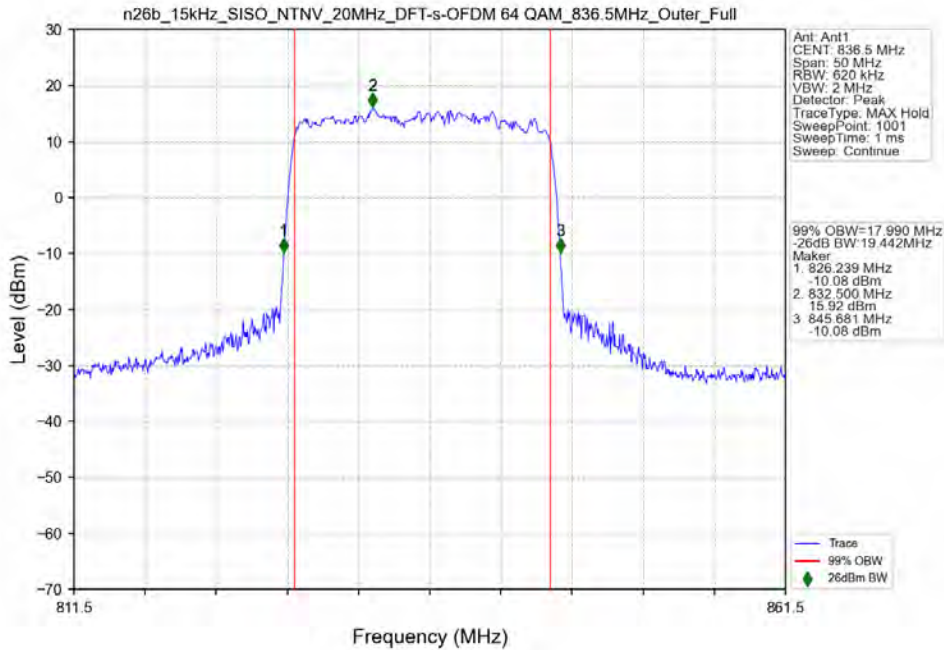
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n26b\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM 64 QAM\_836.5MHz\_Outer\_Full



n26b\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM 64 QAM\_839MHz\_Outer\_Full



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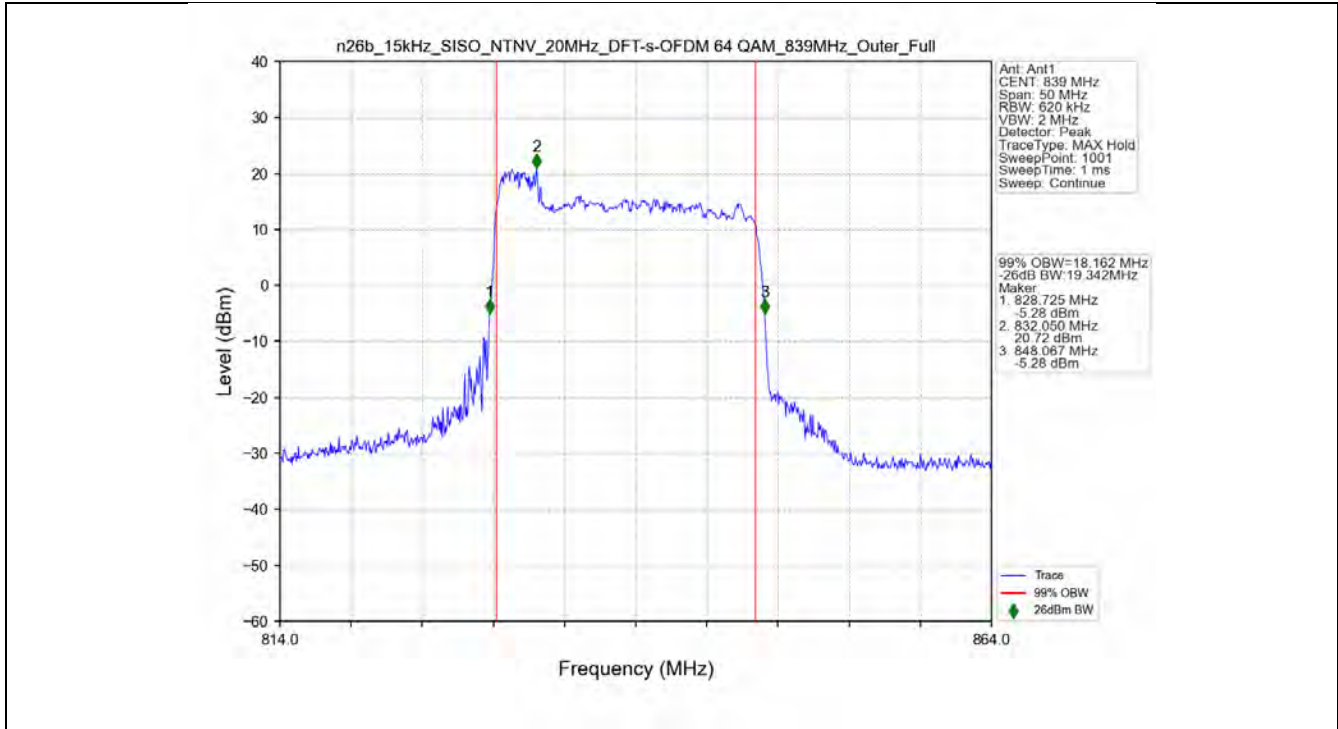


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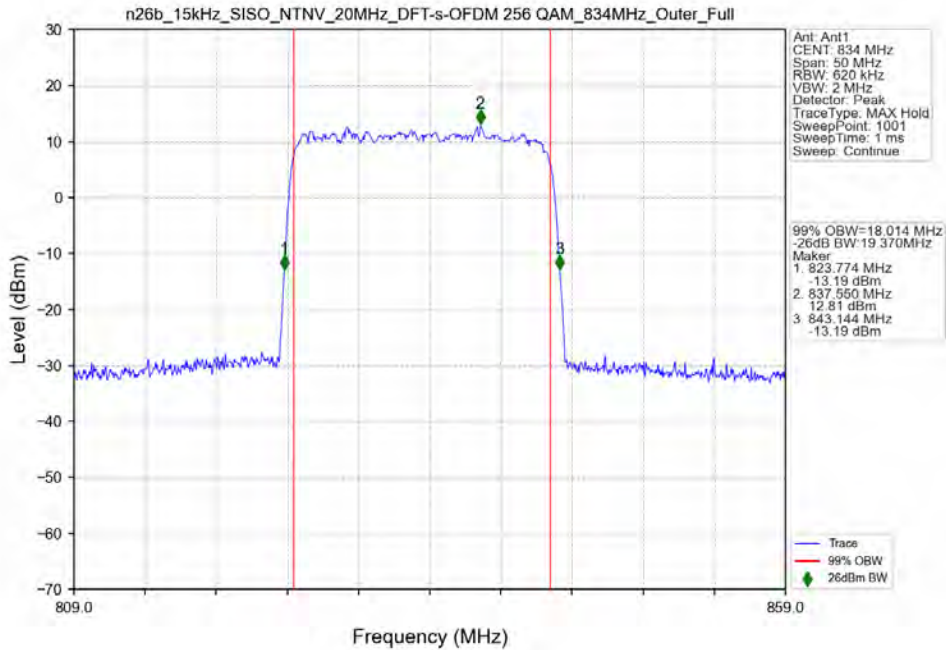
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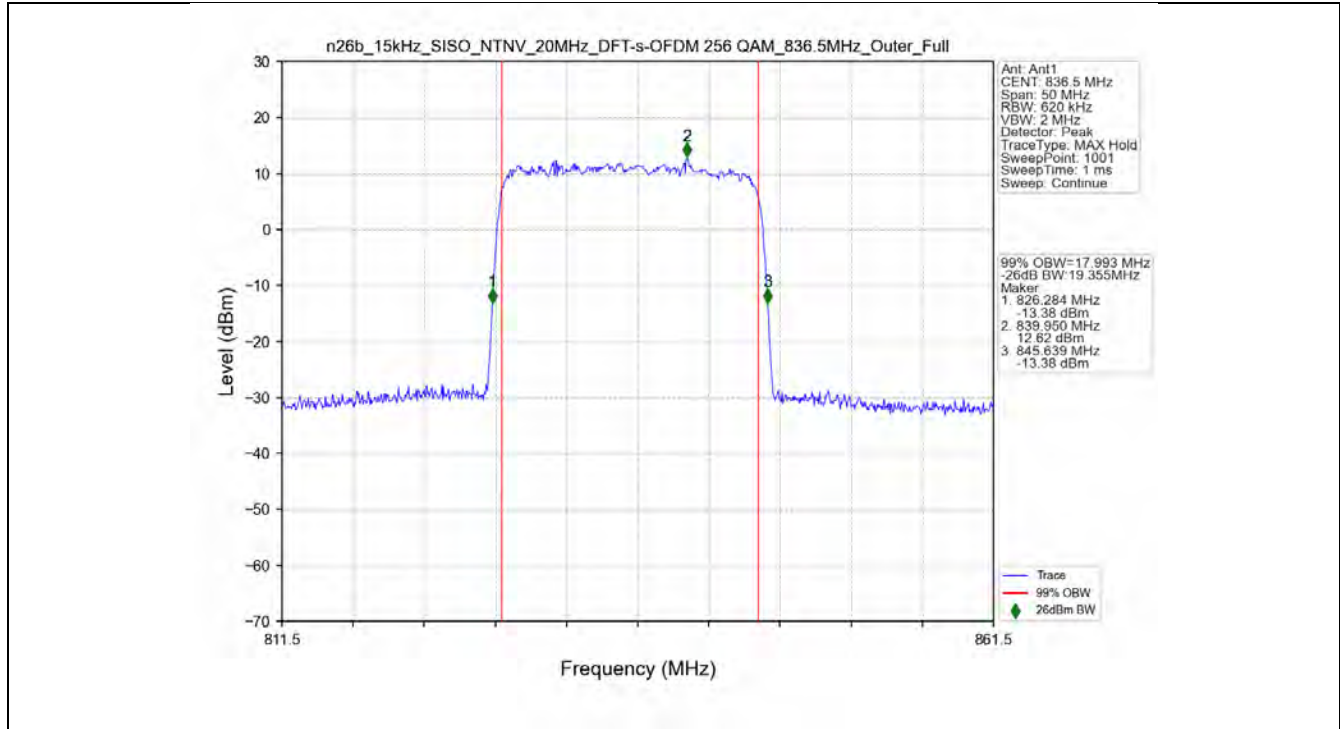


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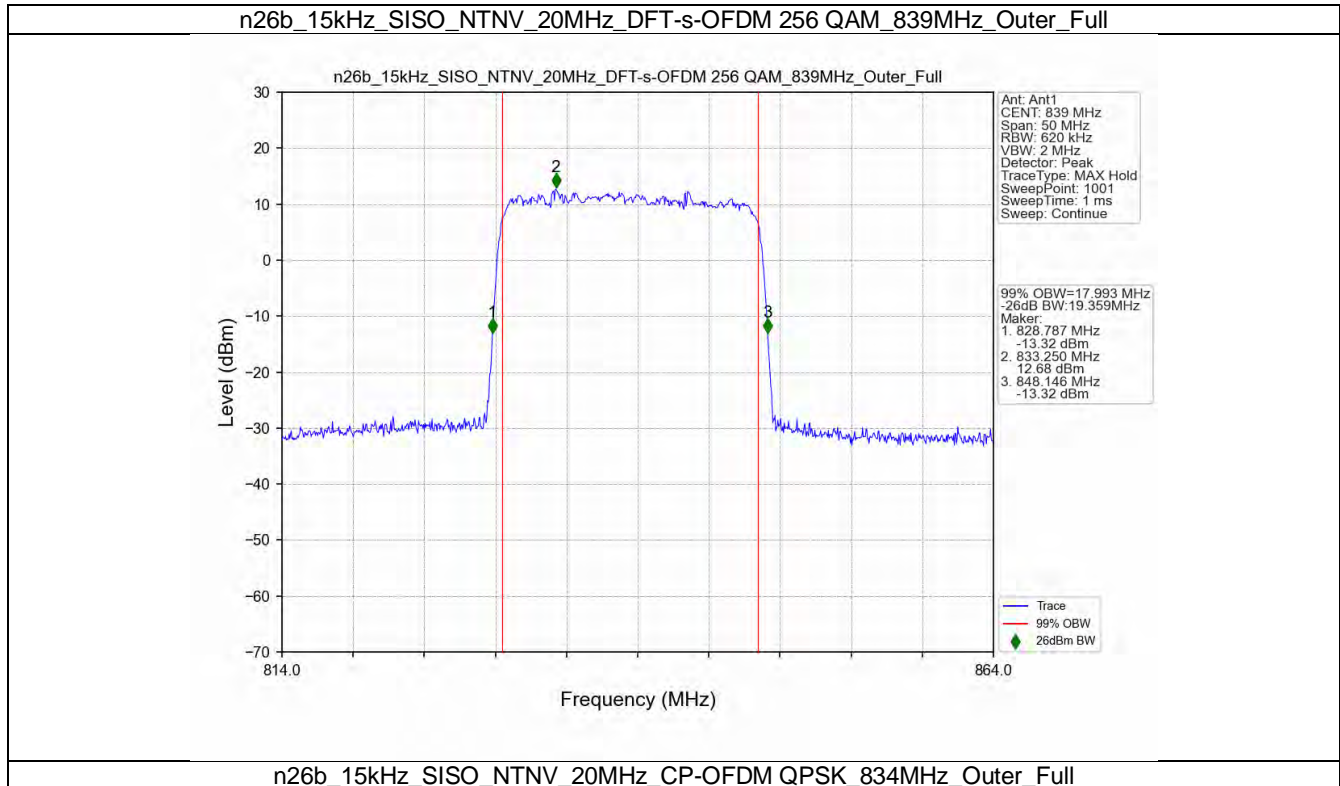


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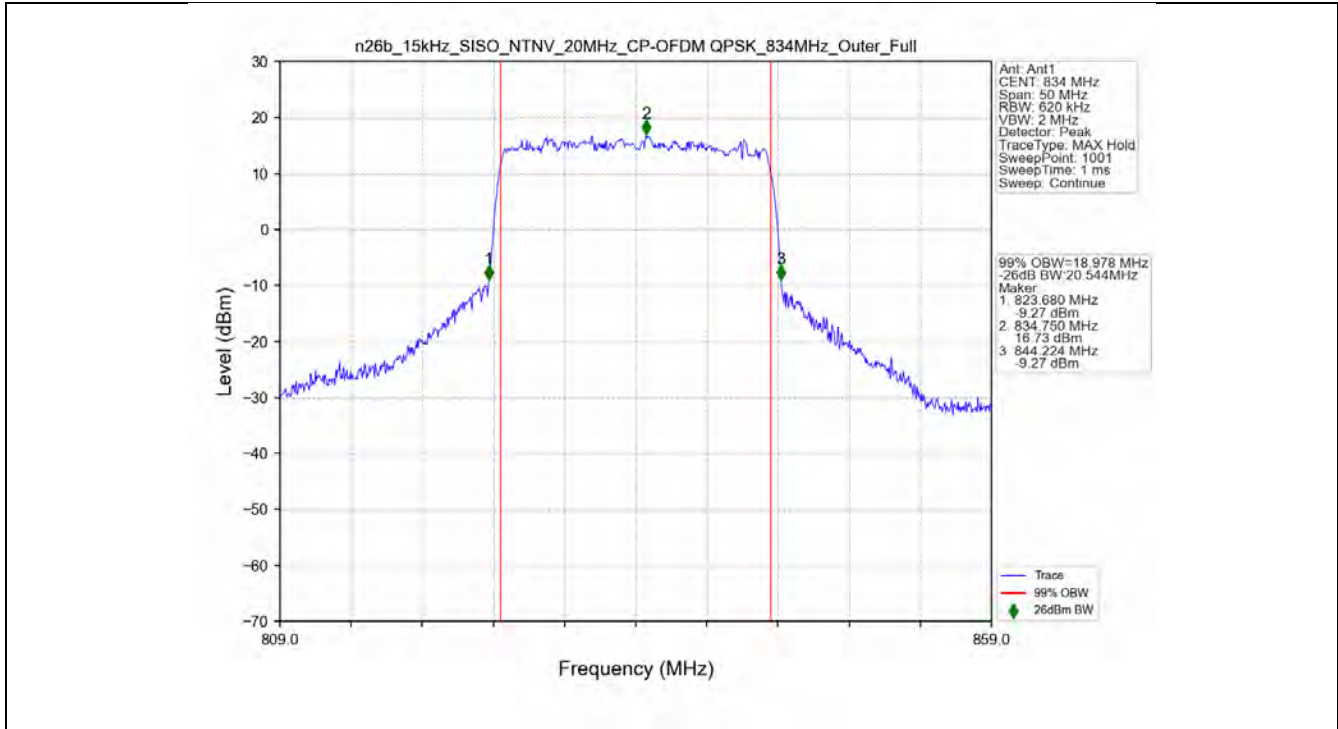


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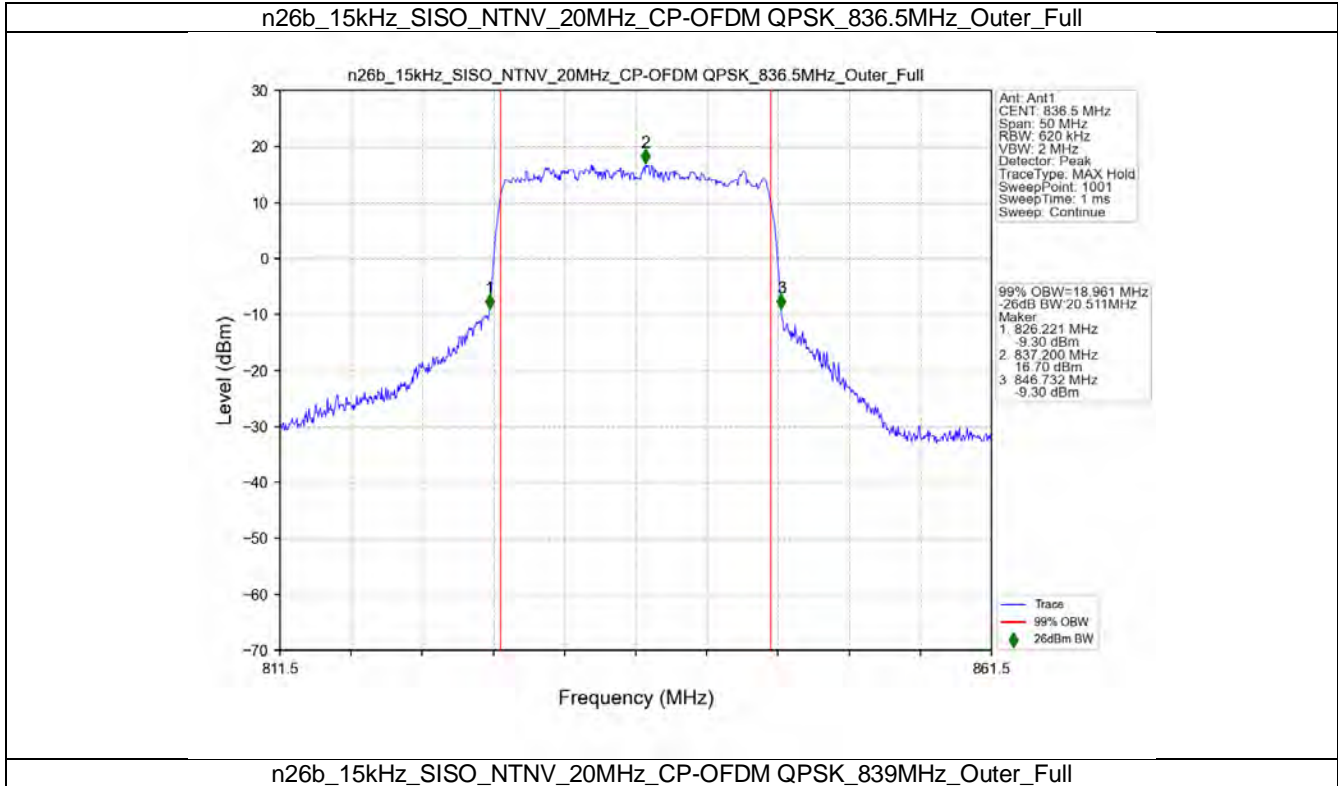


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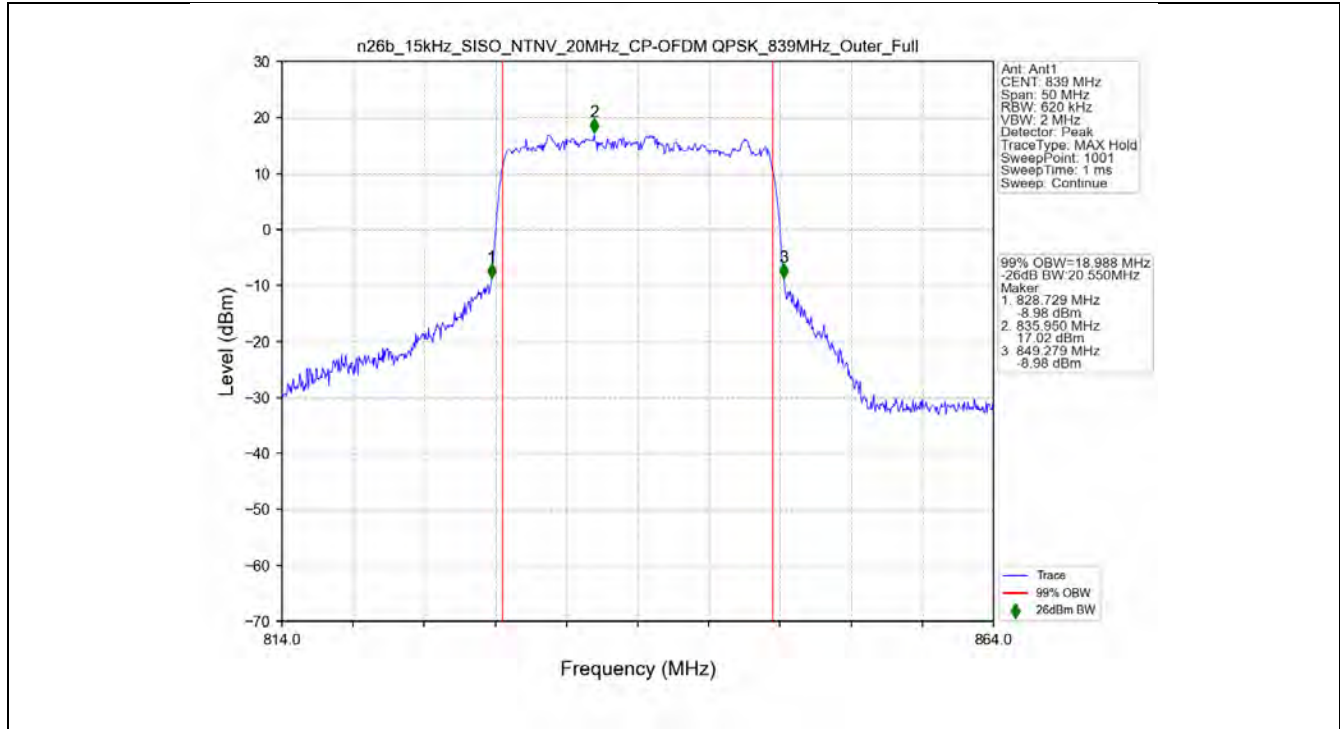


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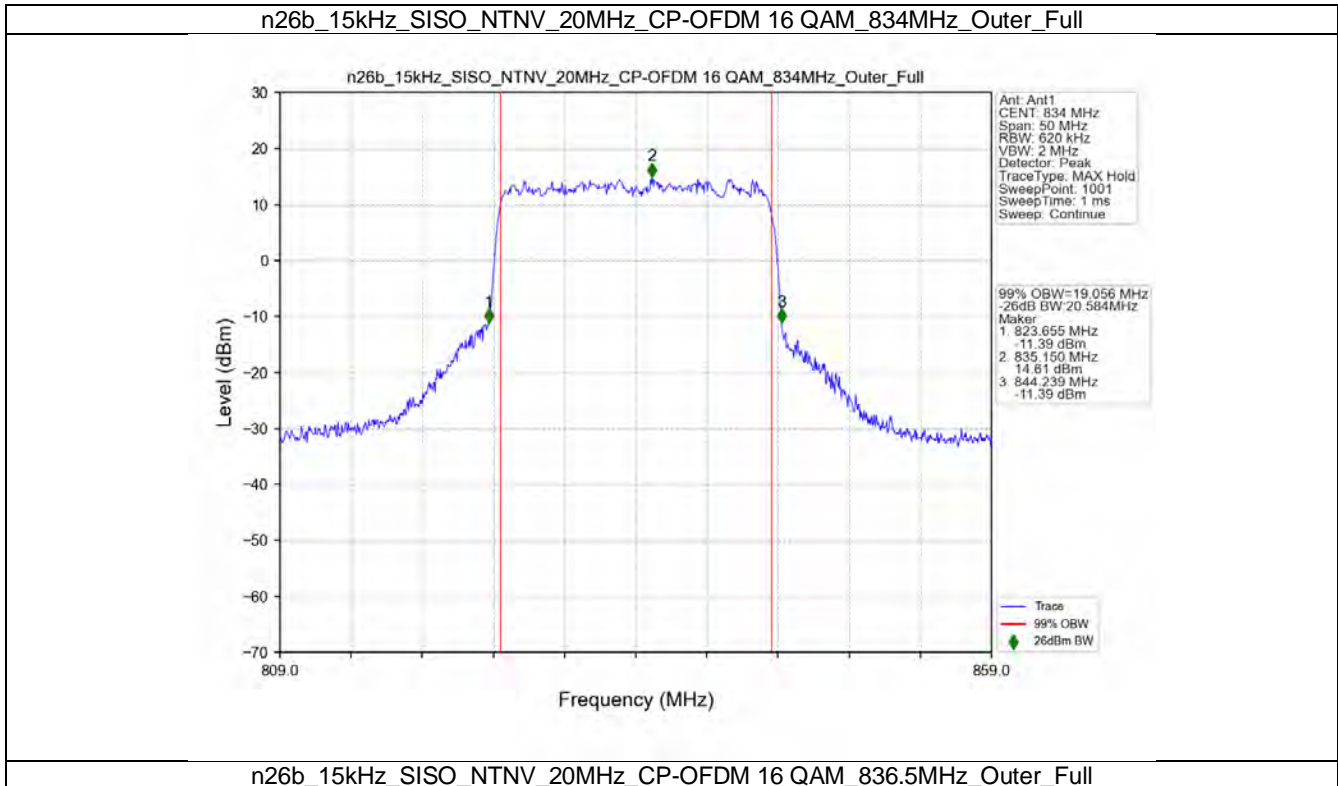


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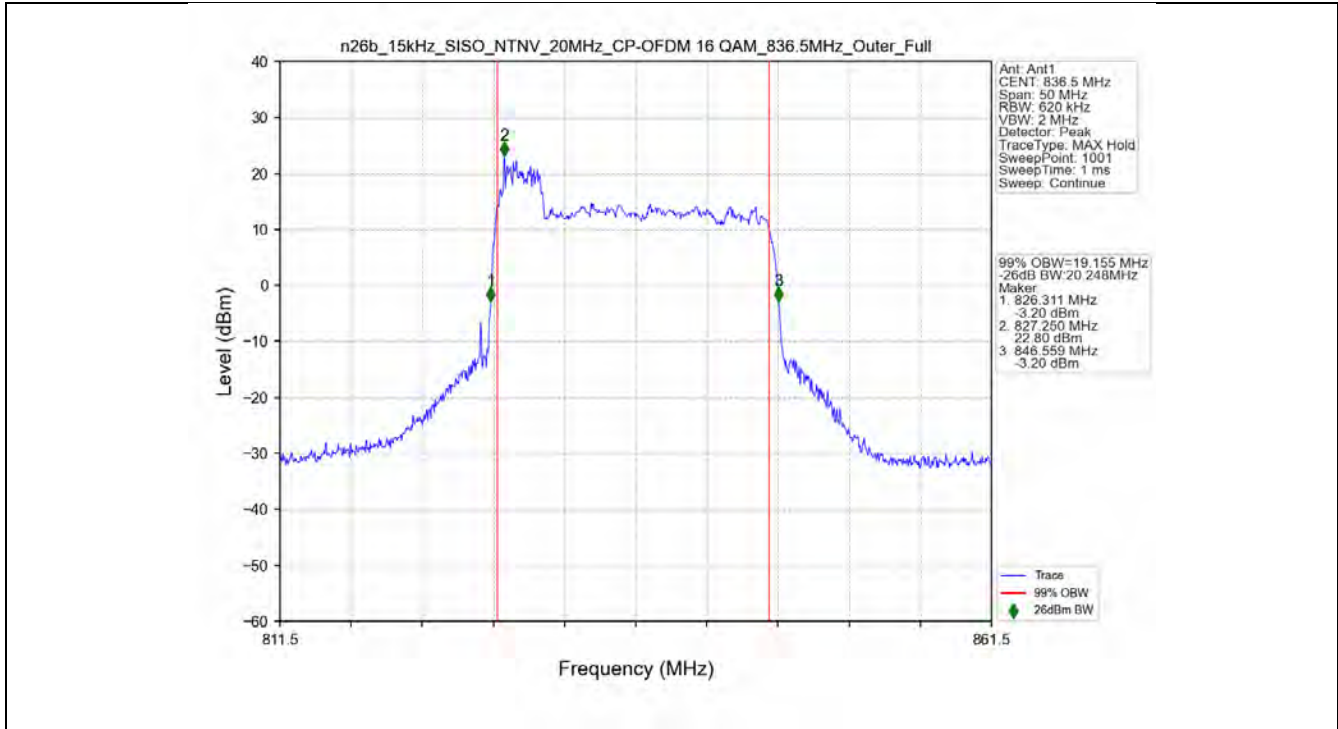


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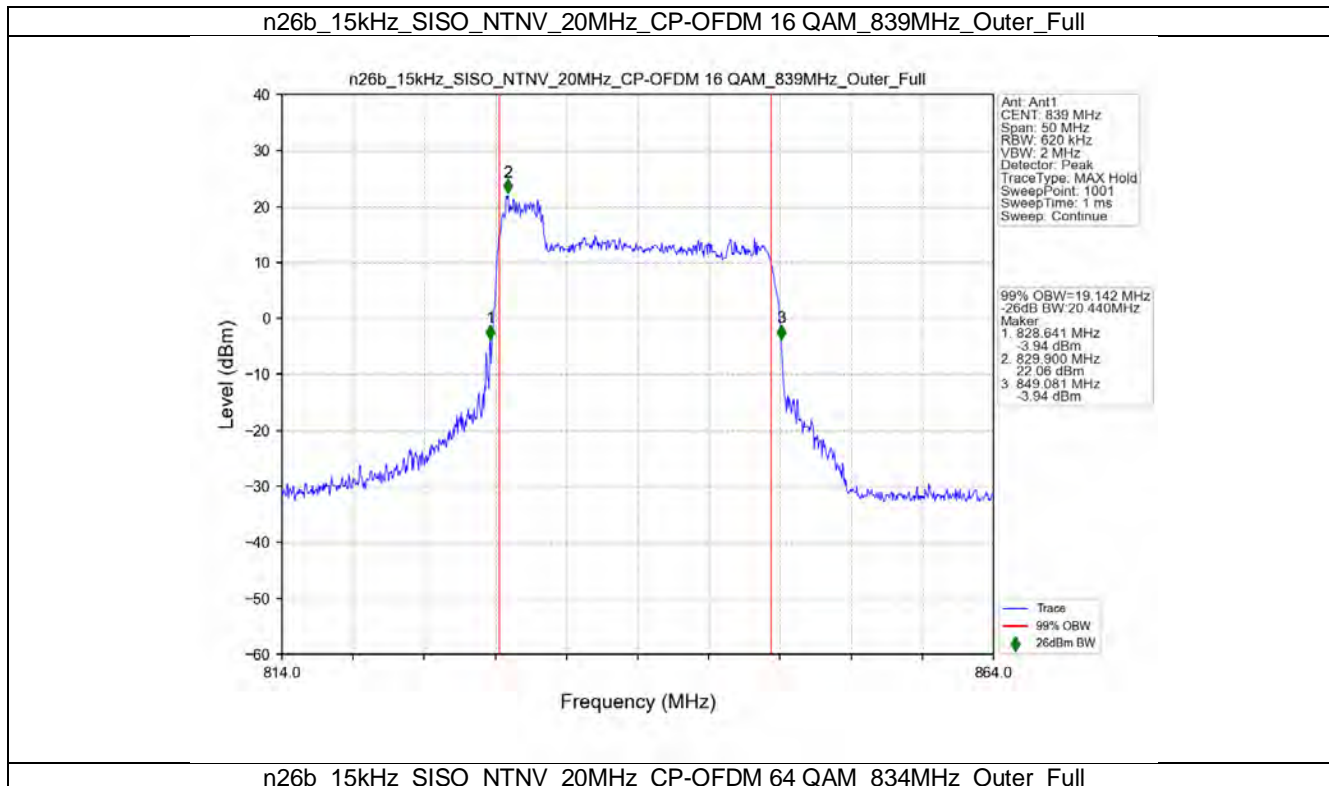
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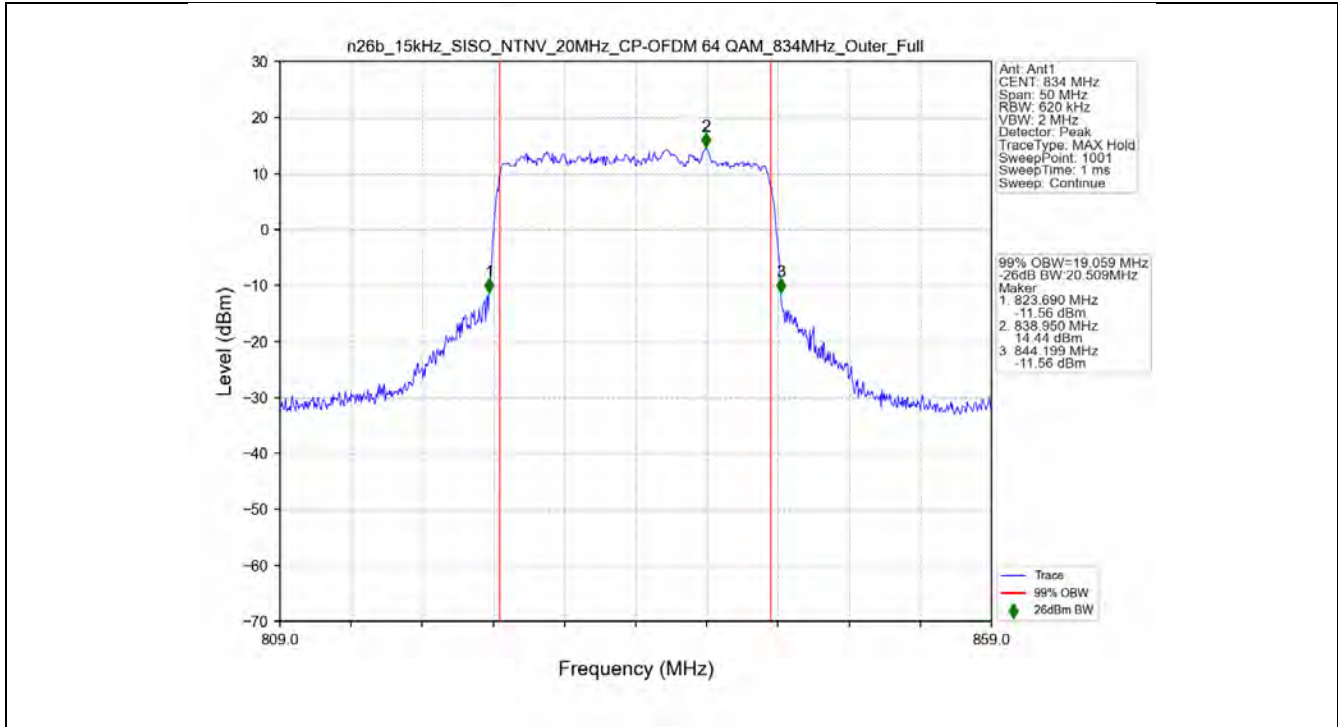


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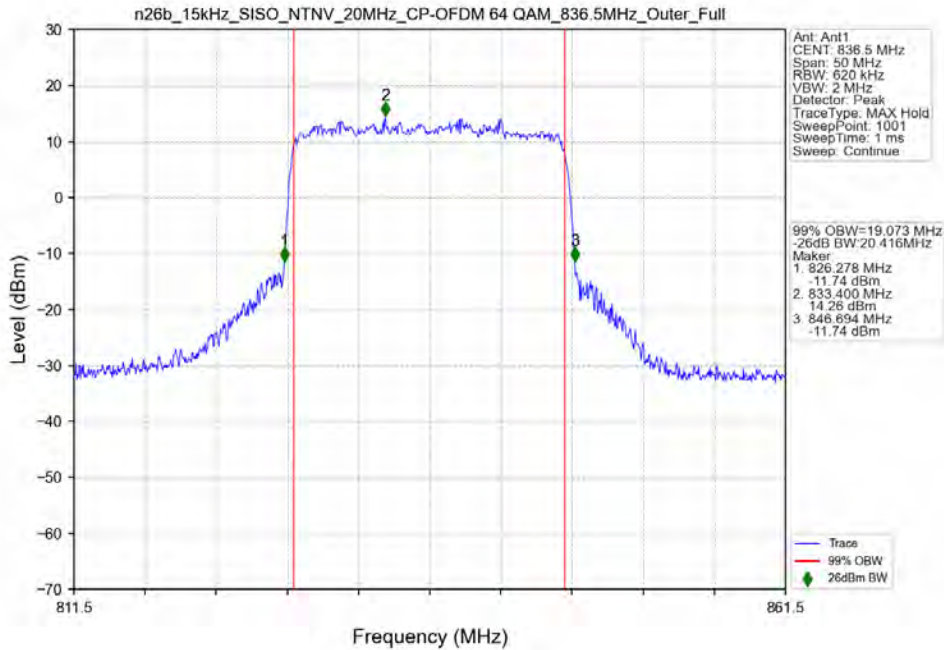
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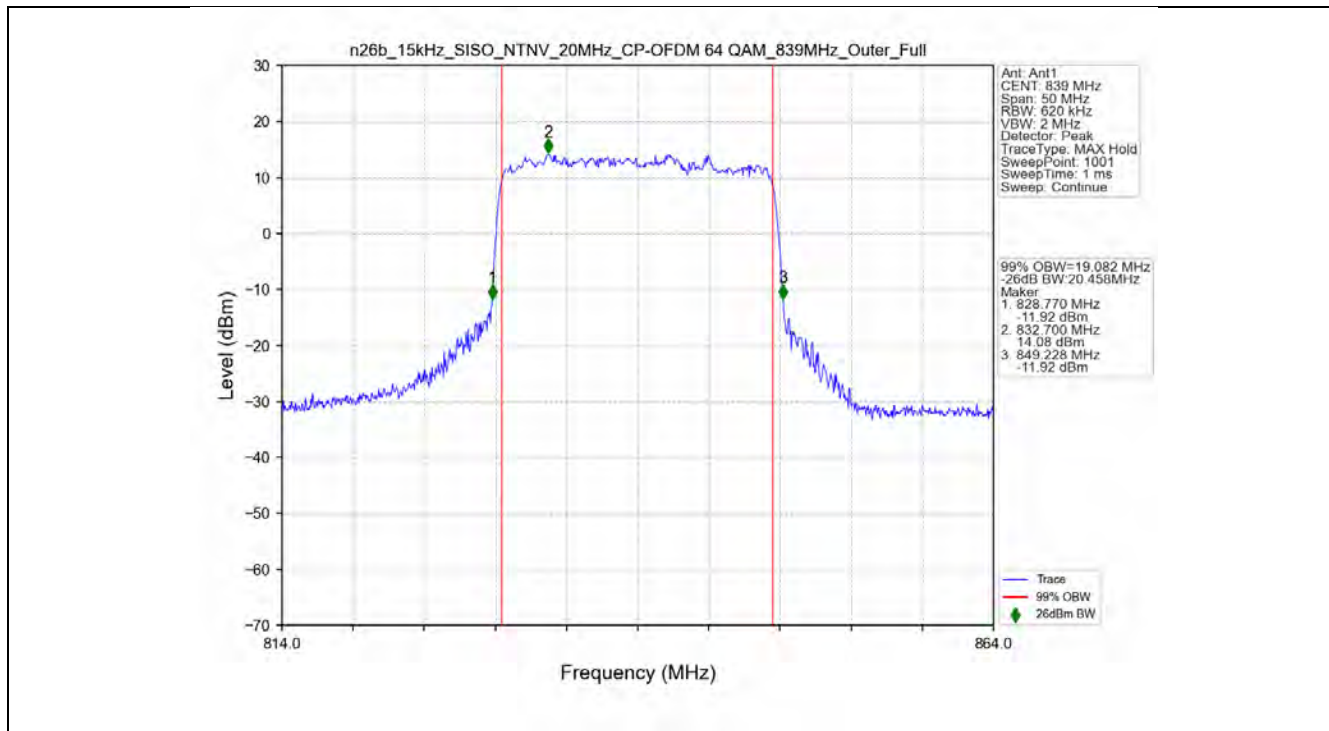
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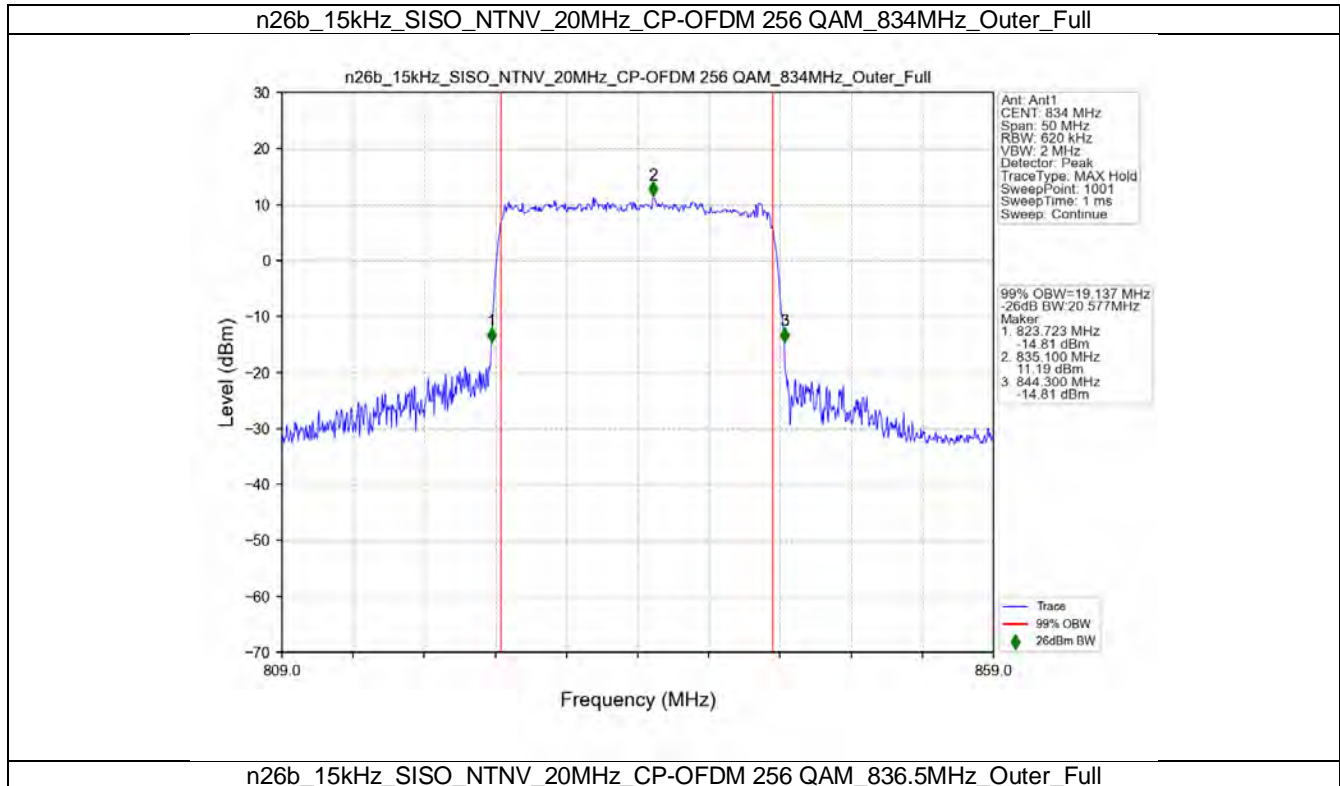


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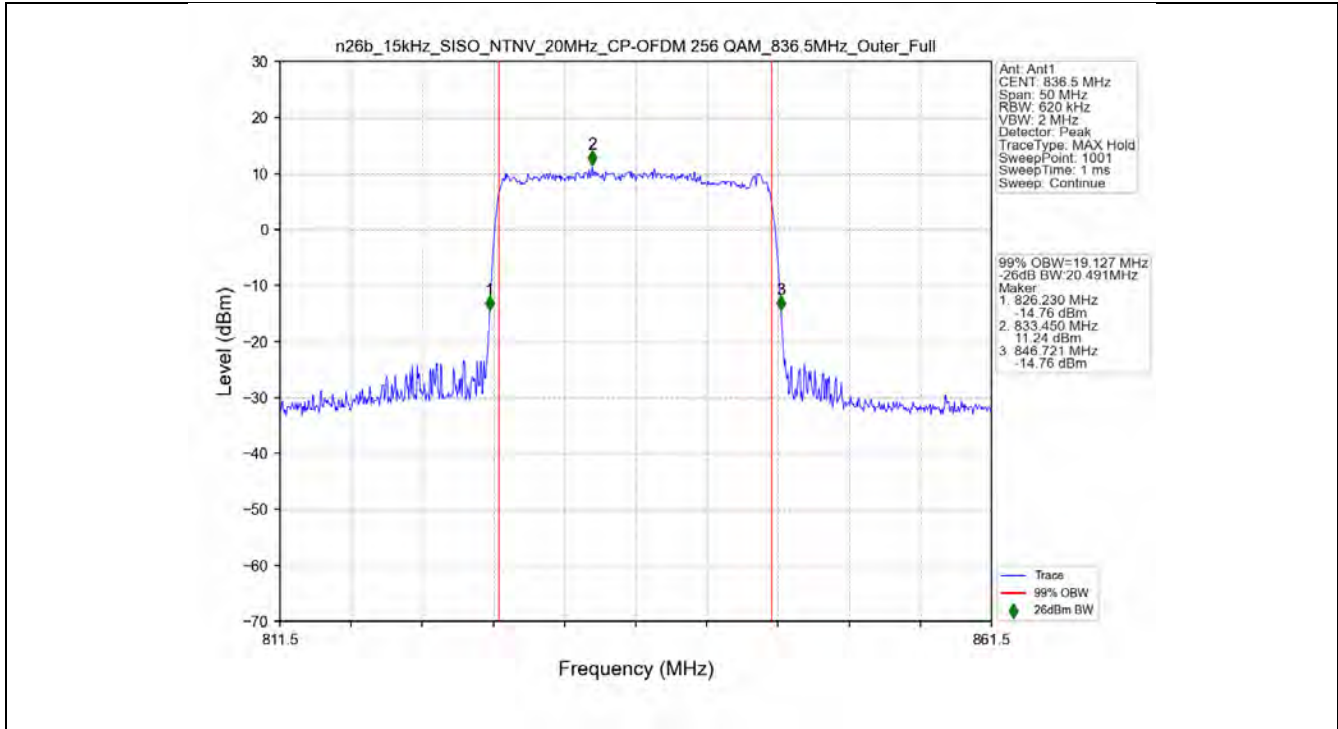


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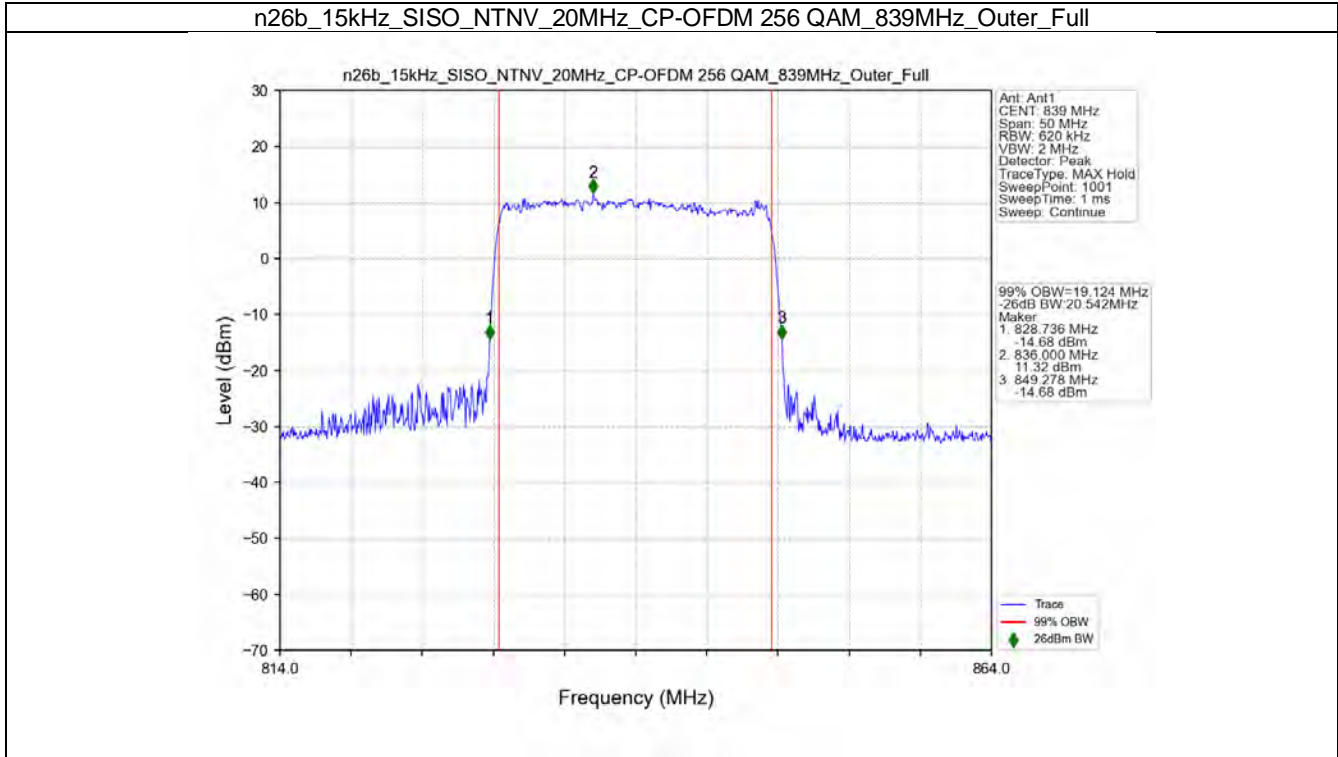


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## 4. Peak-Average Ratio

### 4.1 15k\_SISO\_5MHz\_NTNV

#### 4.1.1 Test Result

5G NR n26b SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)			Limit	Verdict
			Ant1	Ant2	Sum		
DFT-s-OFDM PI/2 BPSK	826.5	Outer_Full	3.94	/	/	<=13	Pass
	836.5	Outer_Full	3.73	/	/	<=13	Pass
	846.5	Outer_Full	3.85	/	/	<=13	Pass
DFT-s-OFDM QPSK	826.5	Outer_Full	4.73	/	/	<=13	Pass
	836.5	Outer_Full	4.30	/	/	<=13	Pass
	846.5	Outer_Full	5.97	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	826.5	Outer_Full	5.57	/	/	<=13	Pass
	836.5	Outer_Full	6.78	/	/	<=13	Pass
	846.5	Outer_Full	5.53	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	826.5	Outer_Full	5.96	/	/	<=13	Pass
	836.5	Outer_Full	7.09	/	/	<=13	Pass
	846.5	Outer_Full	6.63	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	826.5	Outer_Full	6.34	/	/	<=13	Pass
	836.5	Outer_Full	6.32	/	/	<=13	Pass
	846.5	Outer_Full	7.36	/	/	<=13	Pass
CP-OFDM QPSK	826.5	Outer_Full	9.05	/	/	<=13	Pass
	836.5	Outer_Full	6.35	/	/	<=13	Pass
	846.5	Outer_Full	6.59	/	/	<=13	Pass
CP-OFDM 16 QAM	826.5	Outer_Full	9.81	/	/	<=13	Pass
	836.5	Outer_Full	6.96	/	/	<=13	Pass
	846.5	Outer_Full	6.56	/	/	<=13	Pass
CP-OFDM 64 QAM	826.5	Outer_Full	7.49	/	/	<=13	Pass
	836.5	Outer_Full	8.20	/	/	<=13	Pass
	846.5	Outer_Full	7.10	/	/	<=13	Pass
CP-OFDM 256 QAM	826.5	Outer_Full	9.12	/	/	<=13	Pass
	836.5	Outer_Full	8.58	/	/	<=13	Pass
	846.5	Outer_Full	10.21	/	/	<=13	Pass



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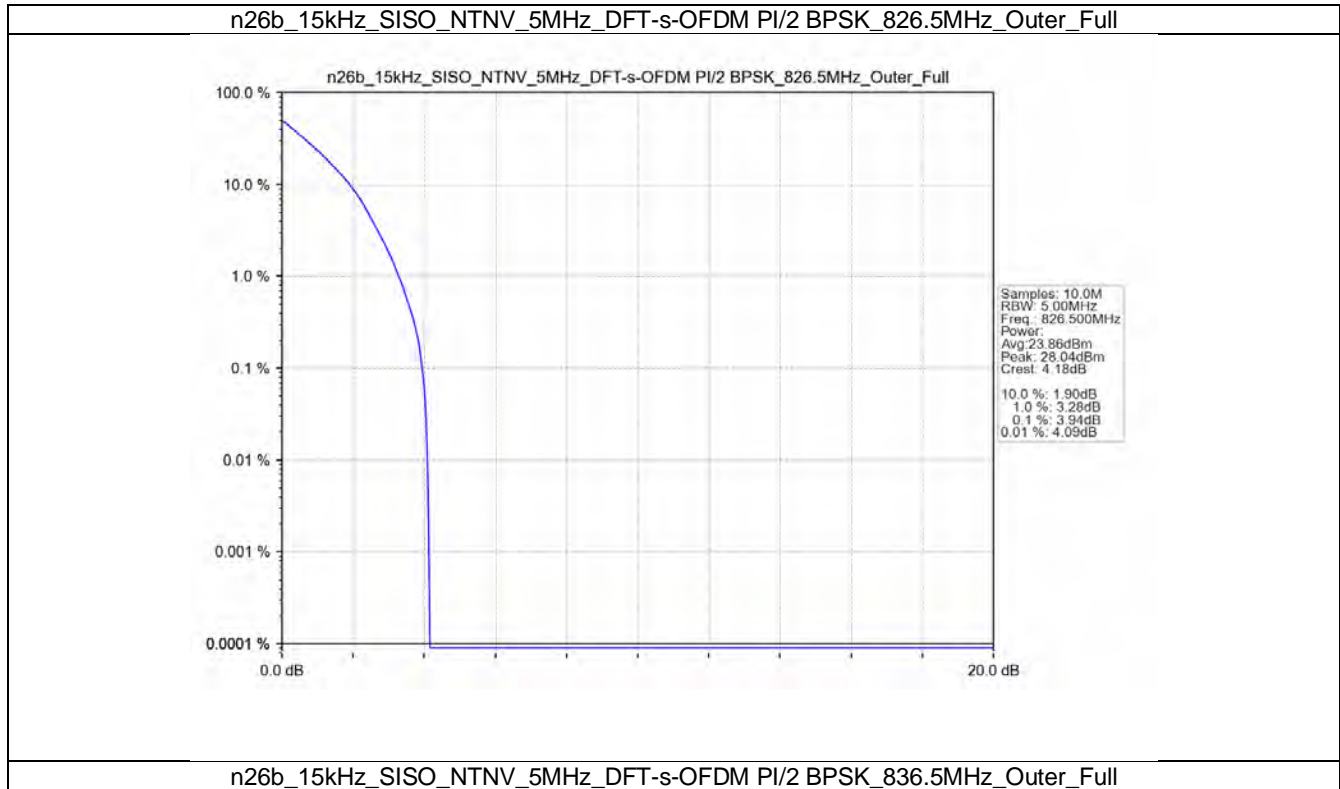


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4.1.2 Test Graph



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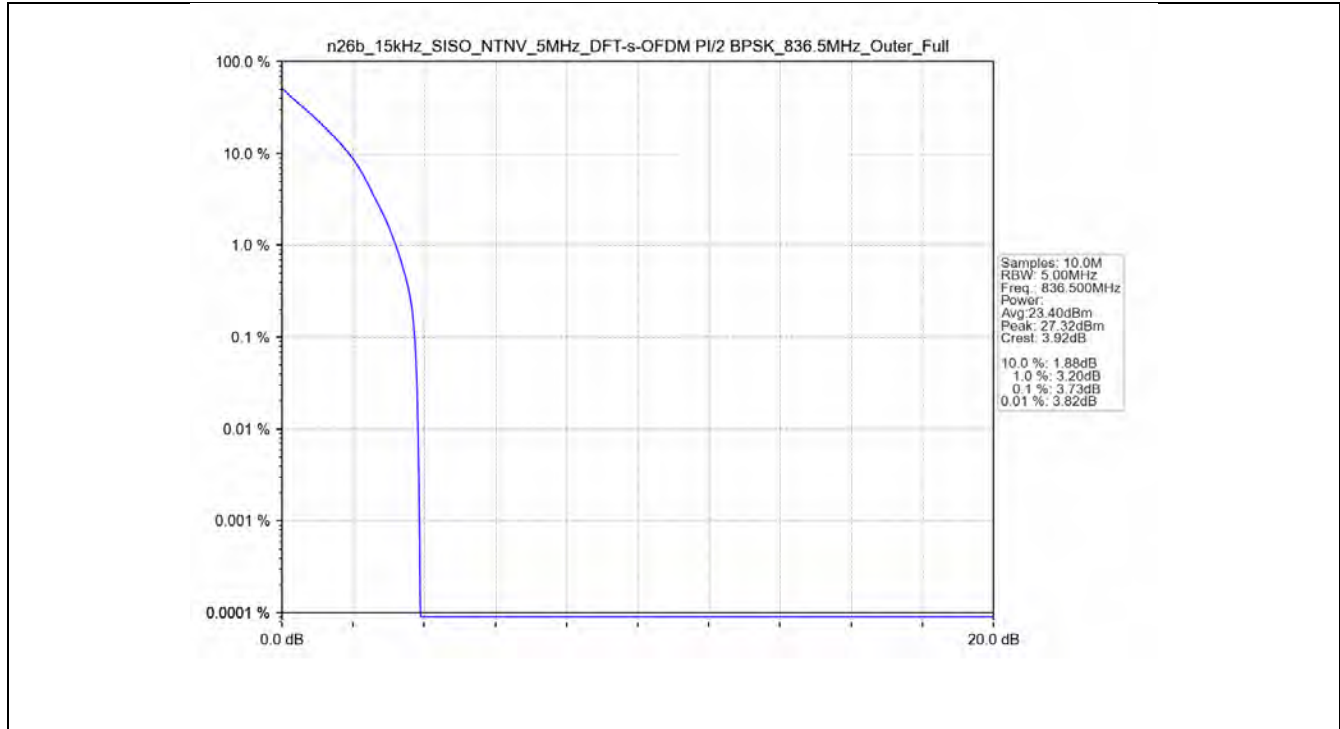


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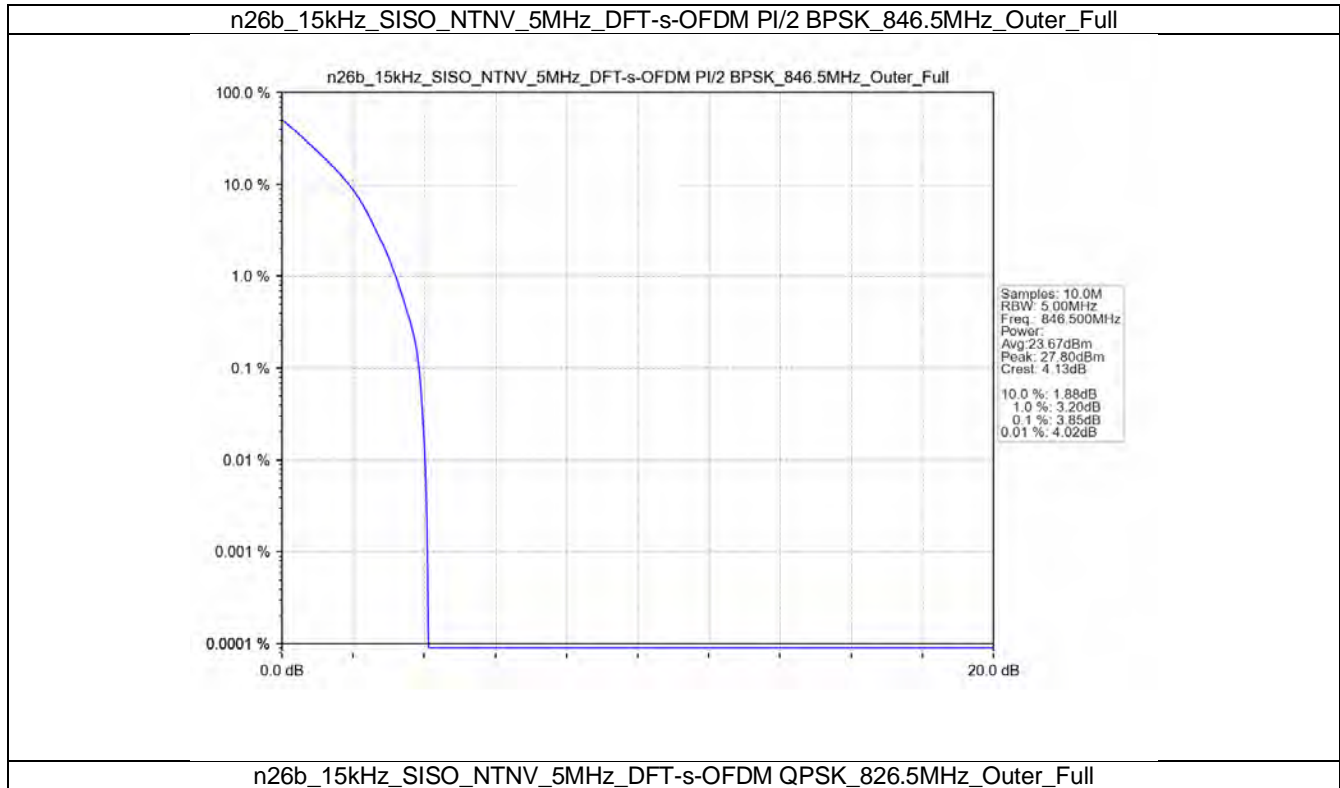


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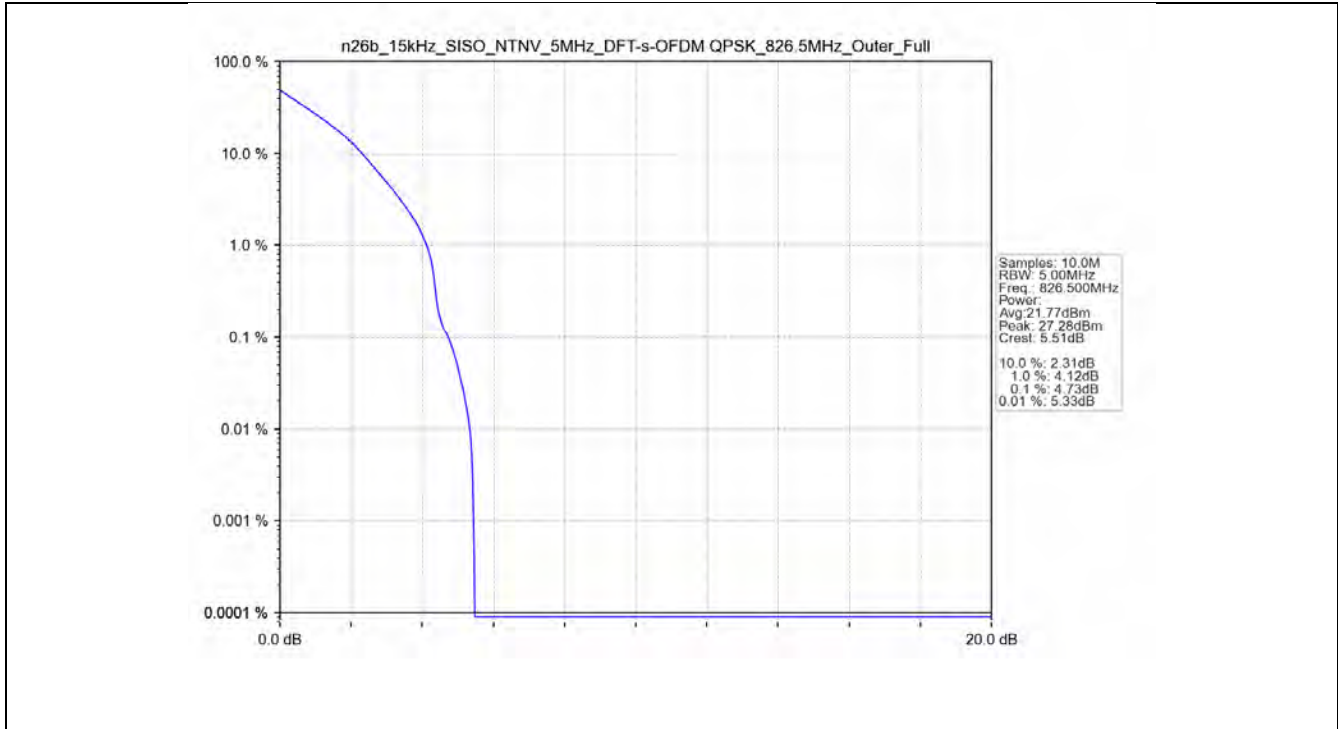


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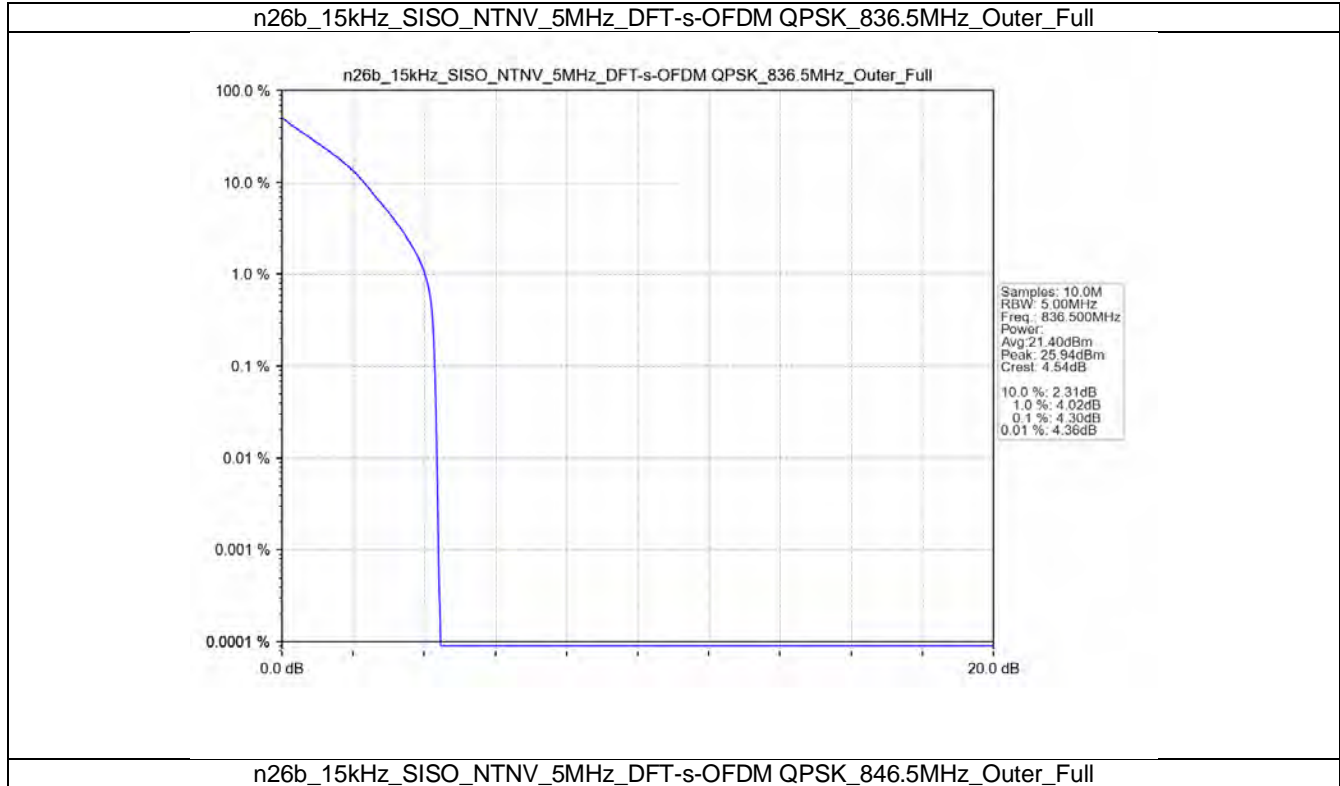


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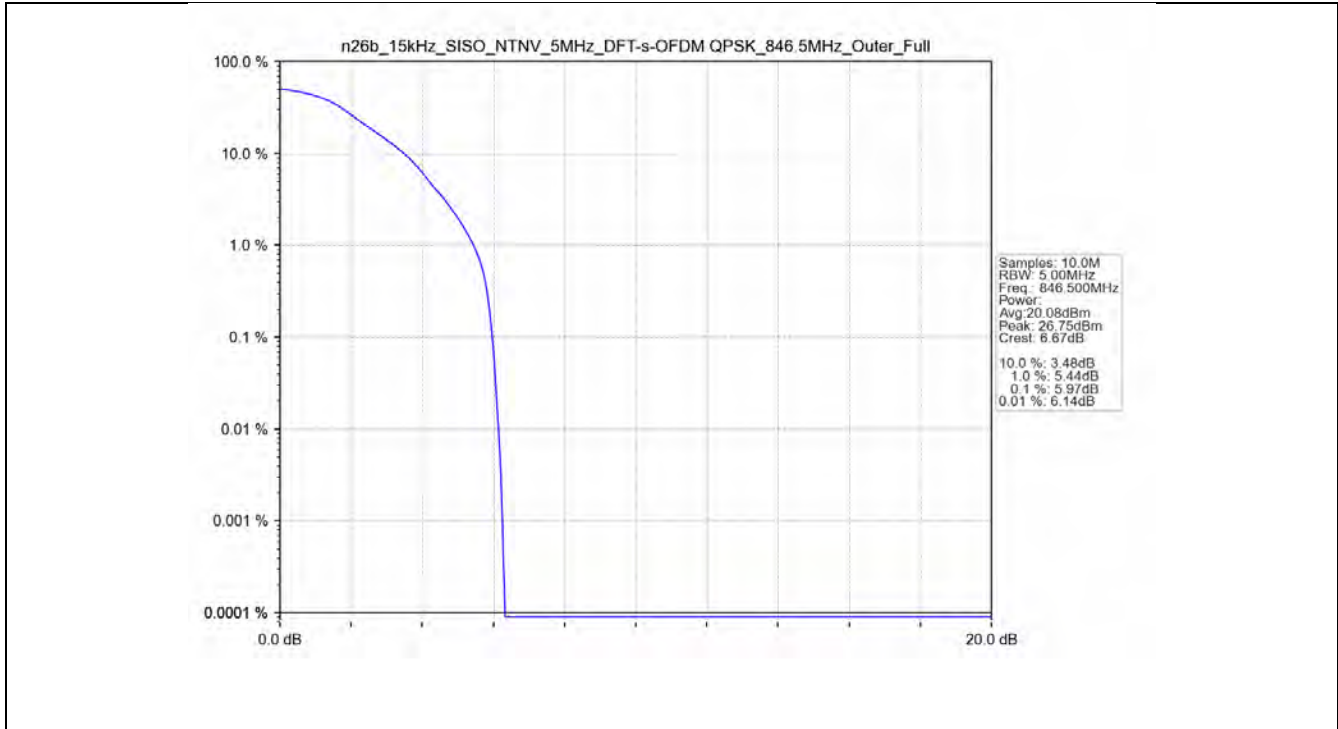


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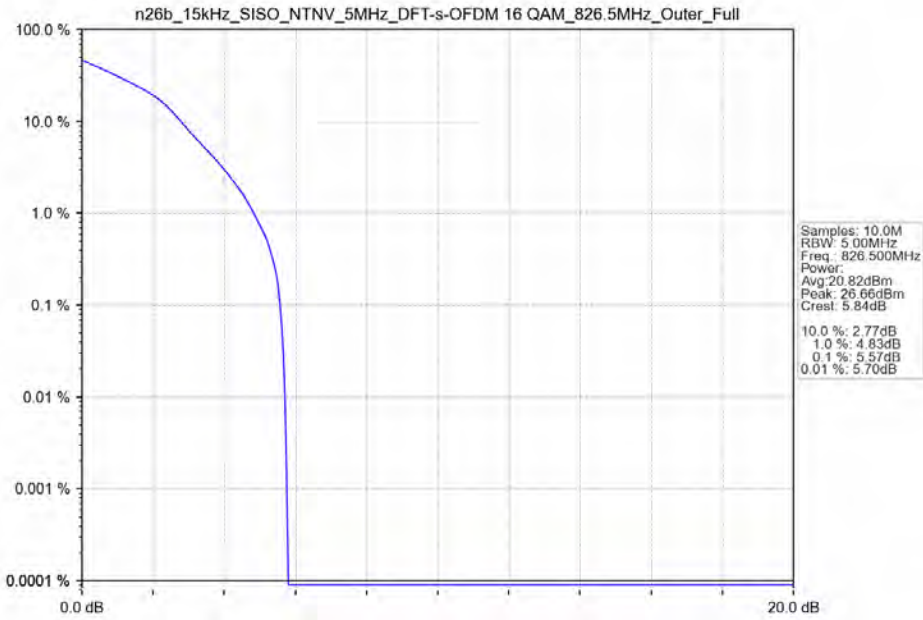
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n26b\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM 16 QAM\_826.5MHz\_Outer\_Full



n26b\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM 16 QAM\_836.5MHz\_Outer\_Full



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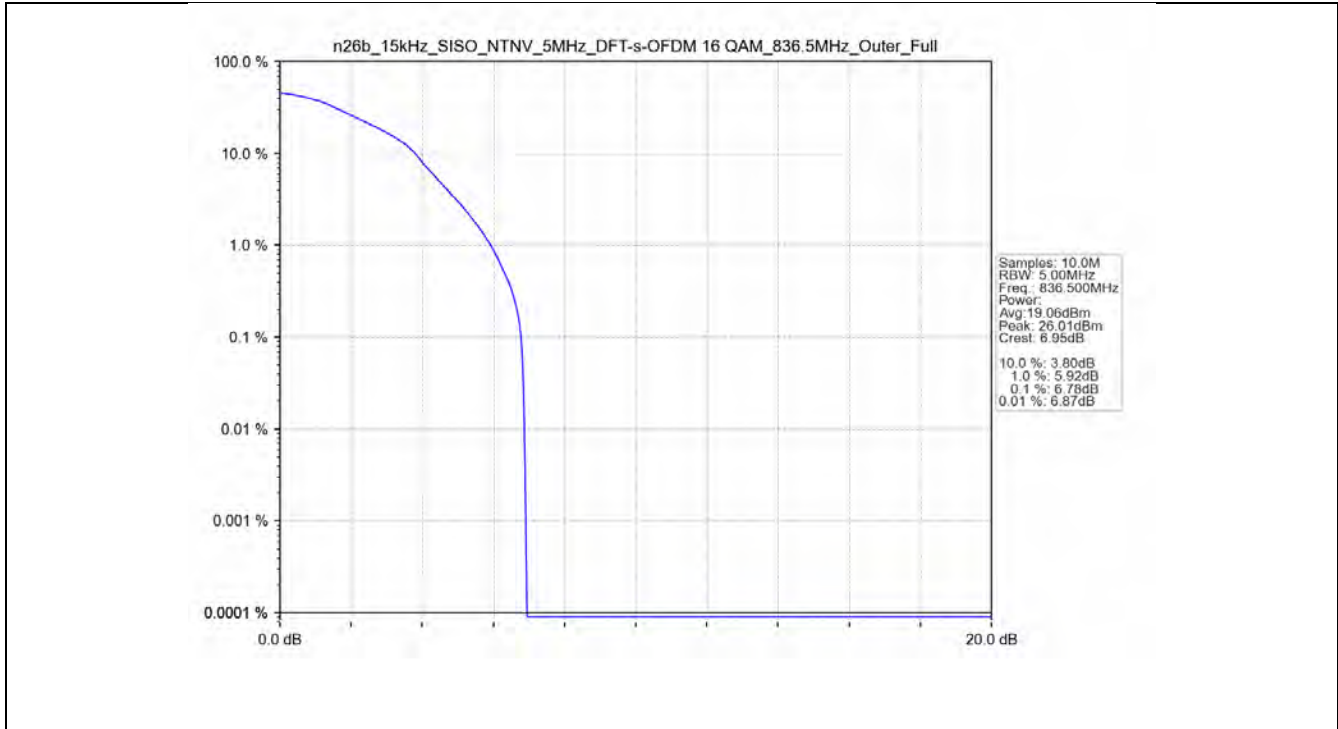


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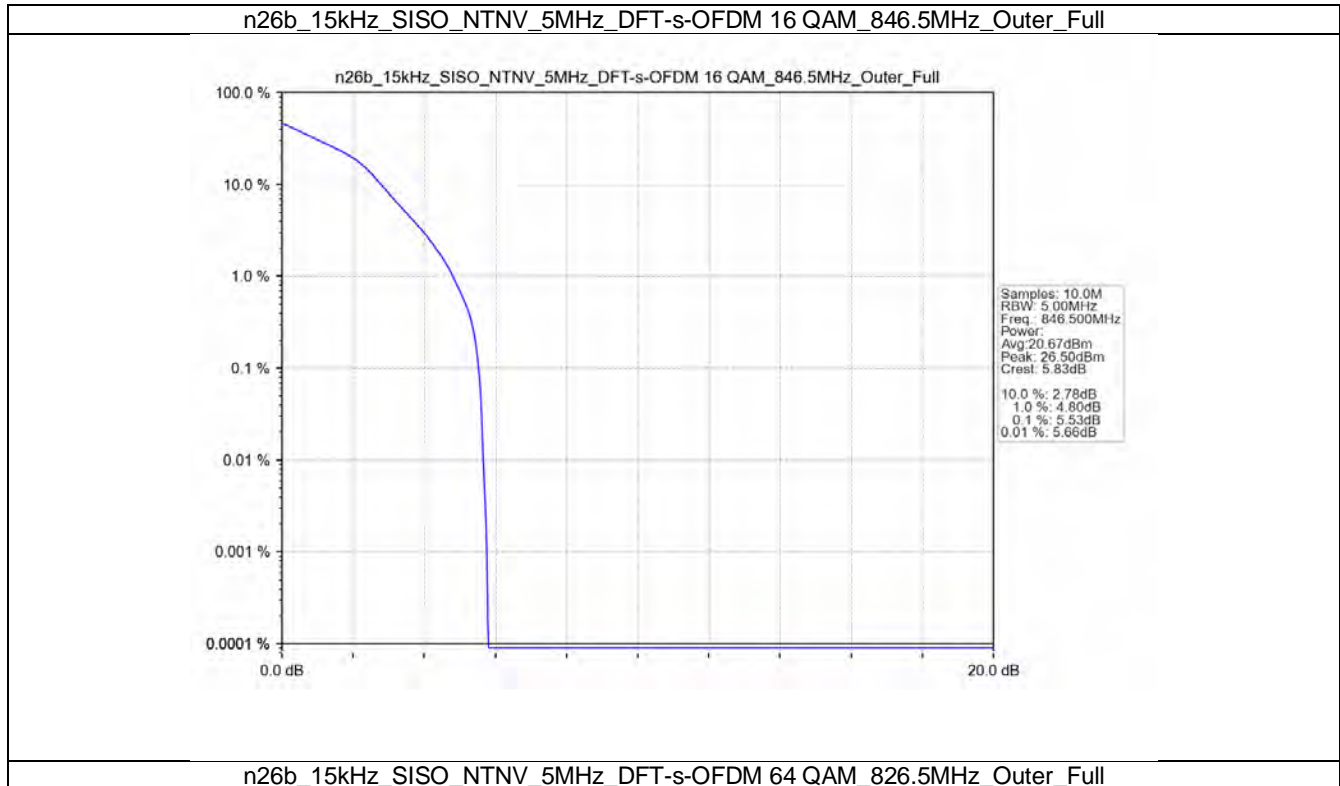


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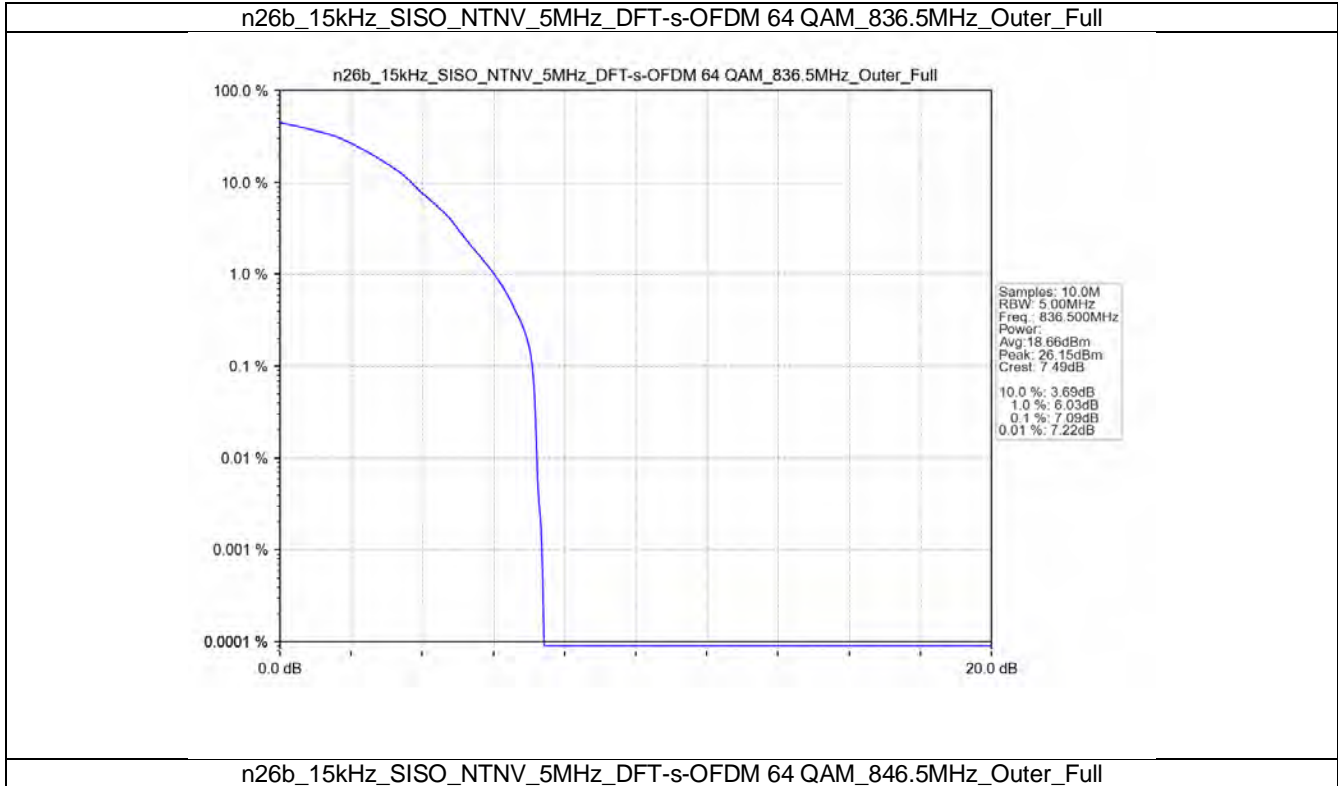


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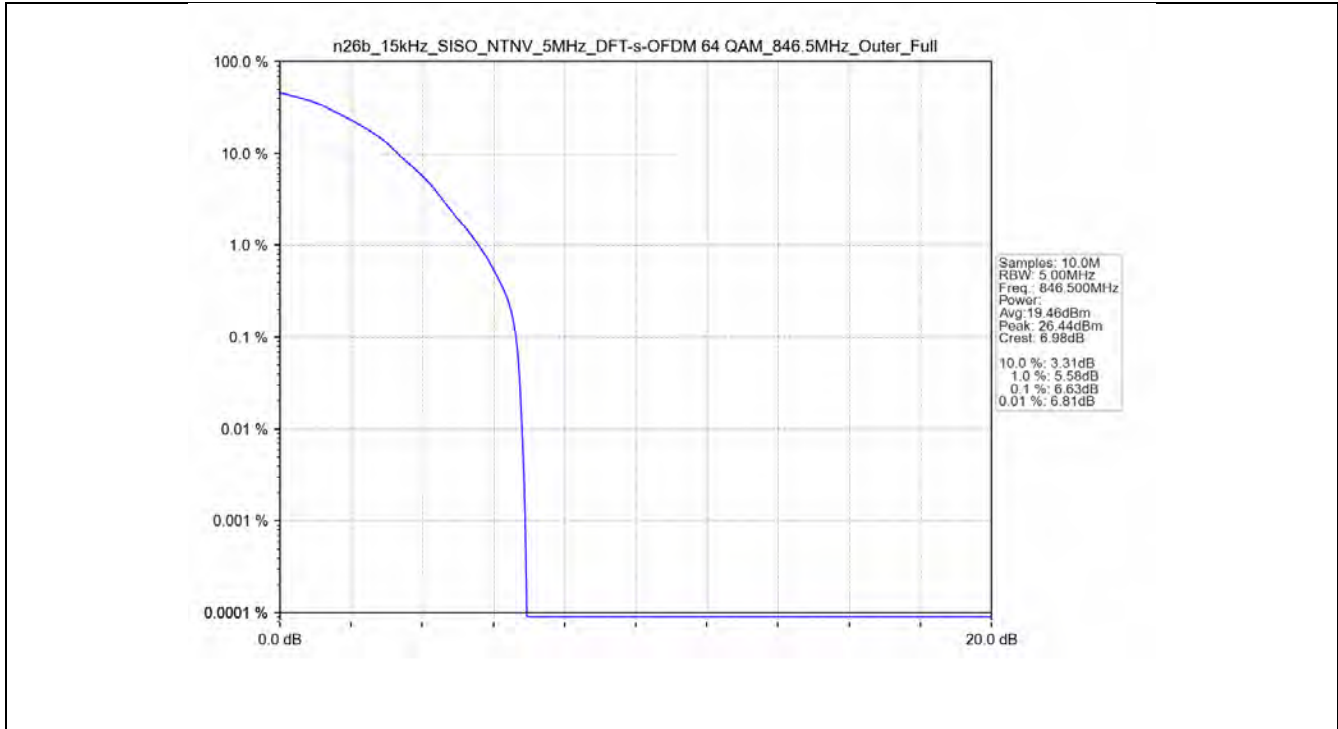


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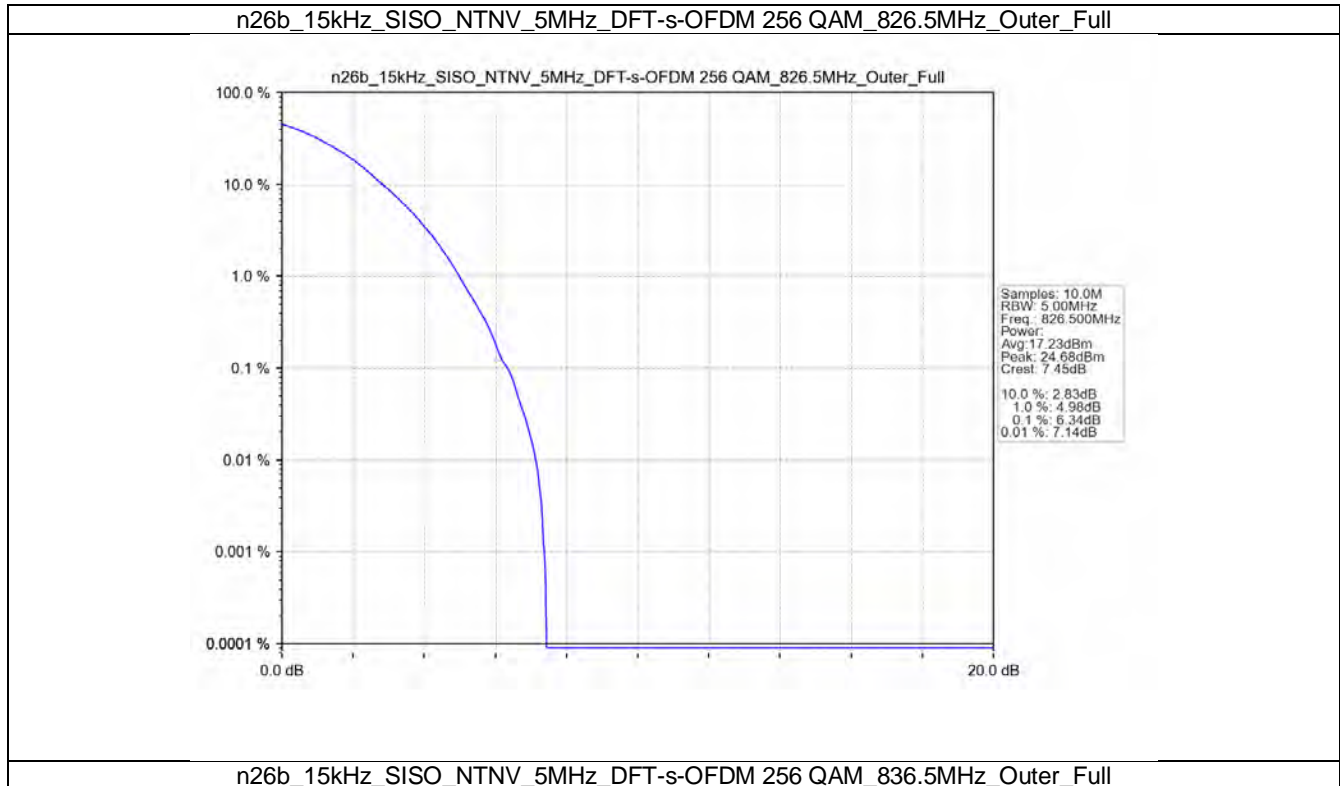


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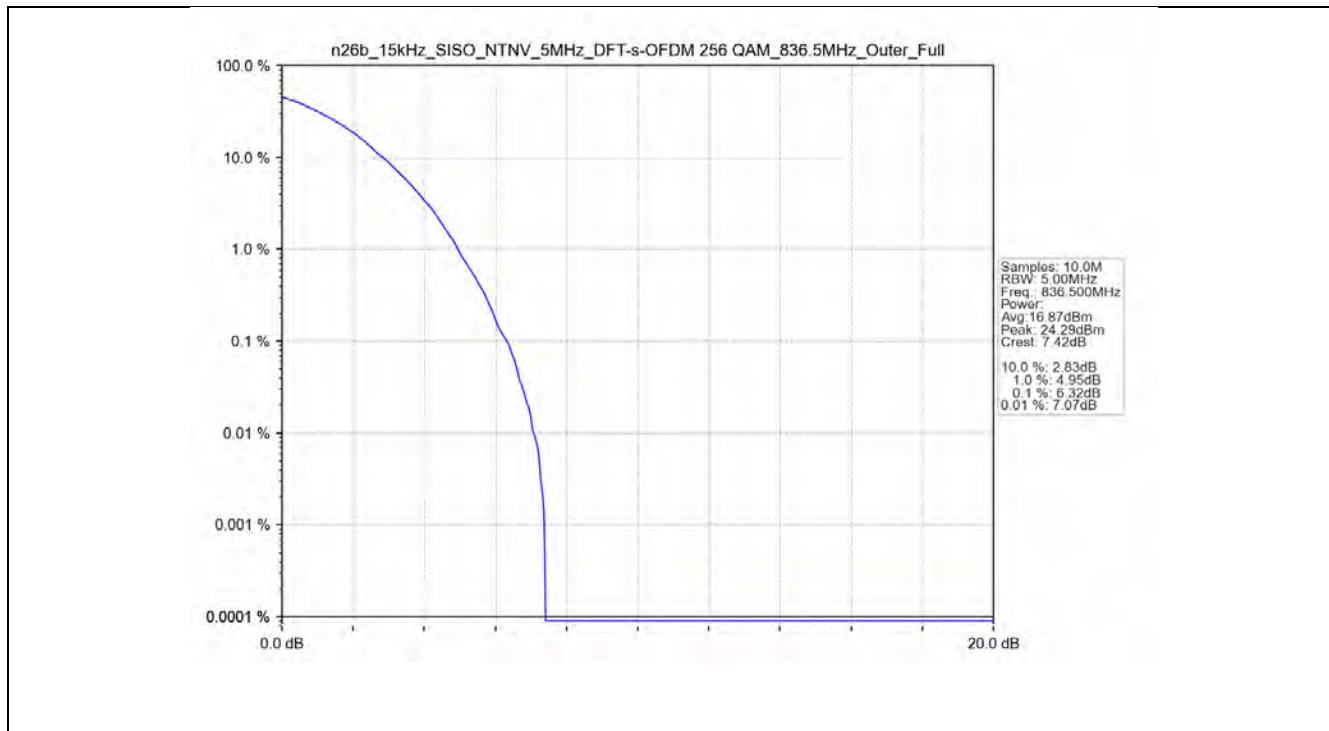
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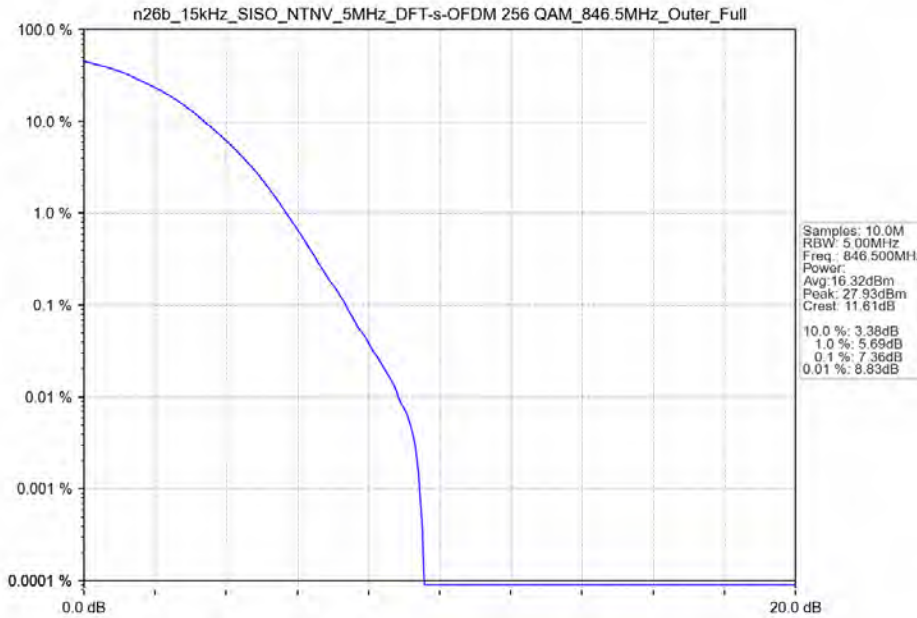
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n26b\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM 256 QAM\_846.5MHz\_Outer\_Full



n26b\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_826.5MHz\_Outer\_Full



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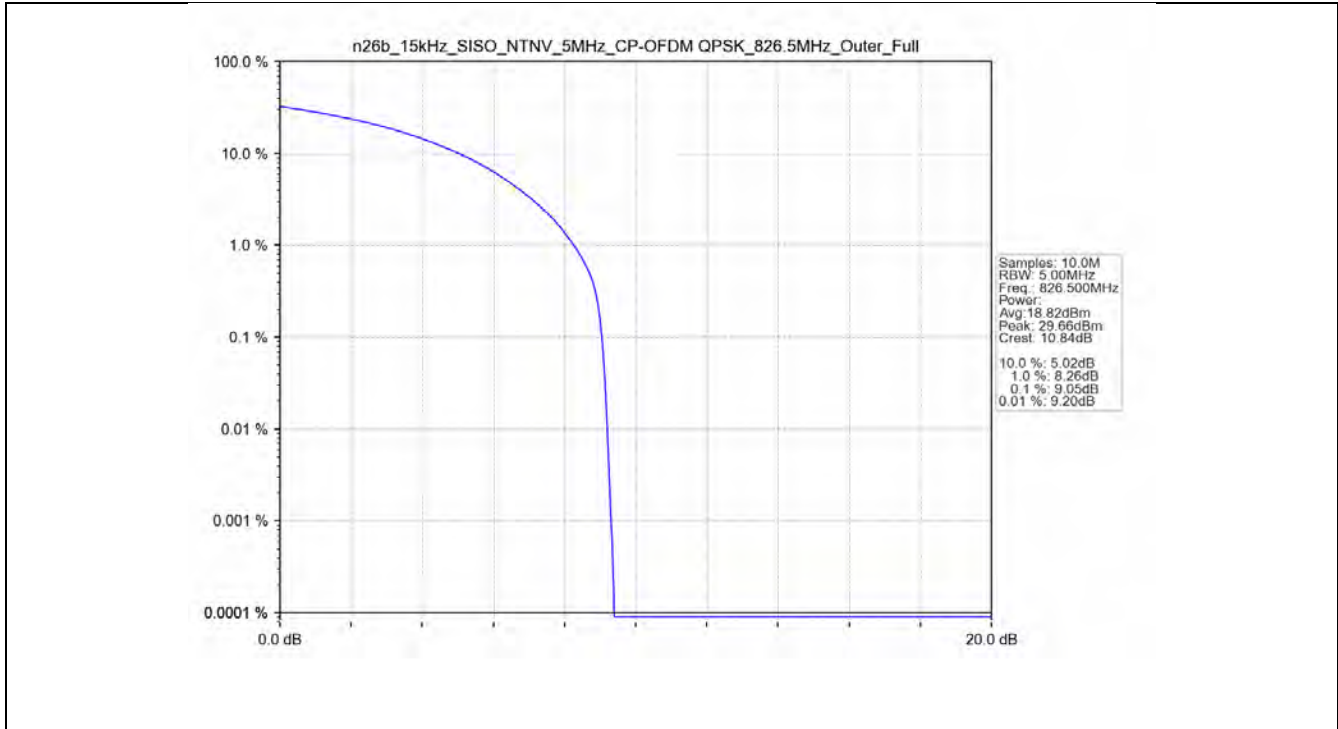


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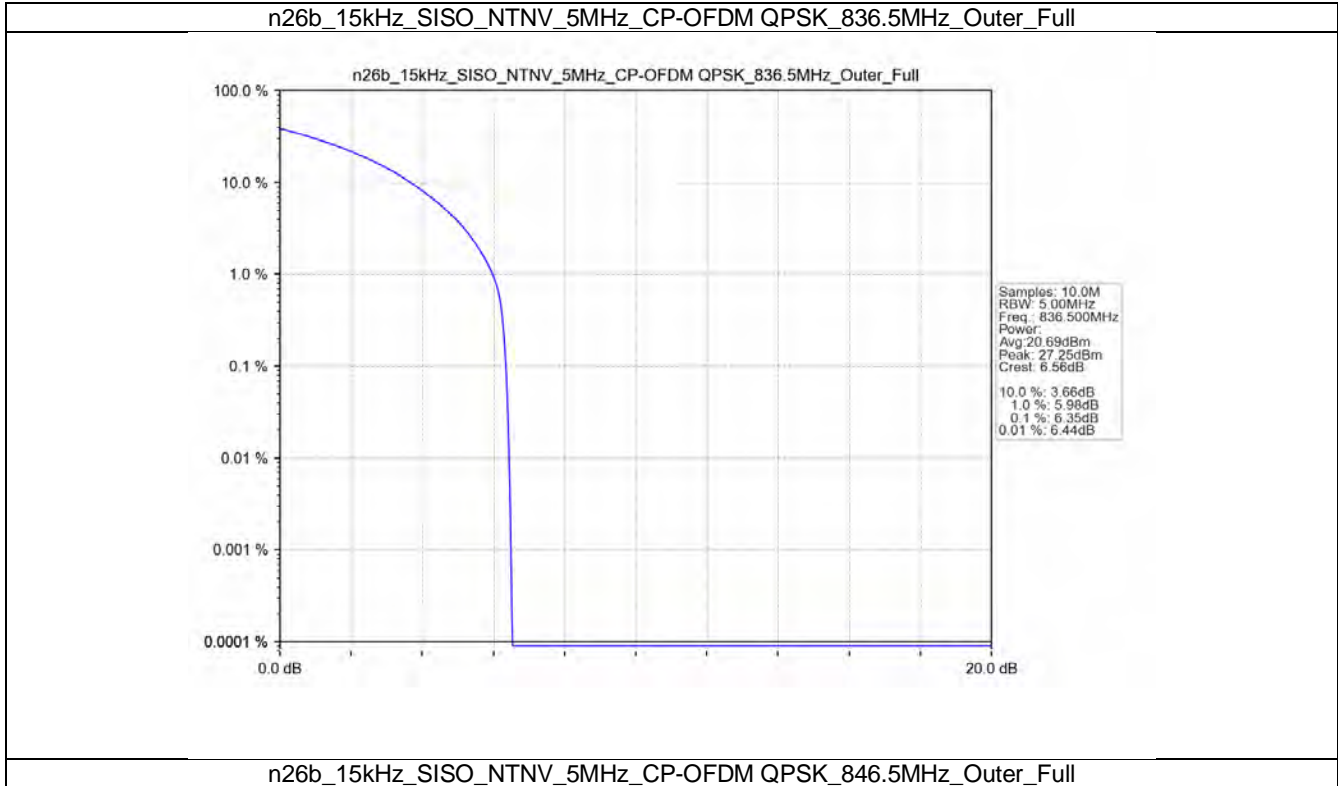


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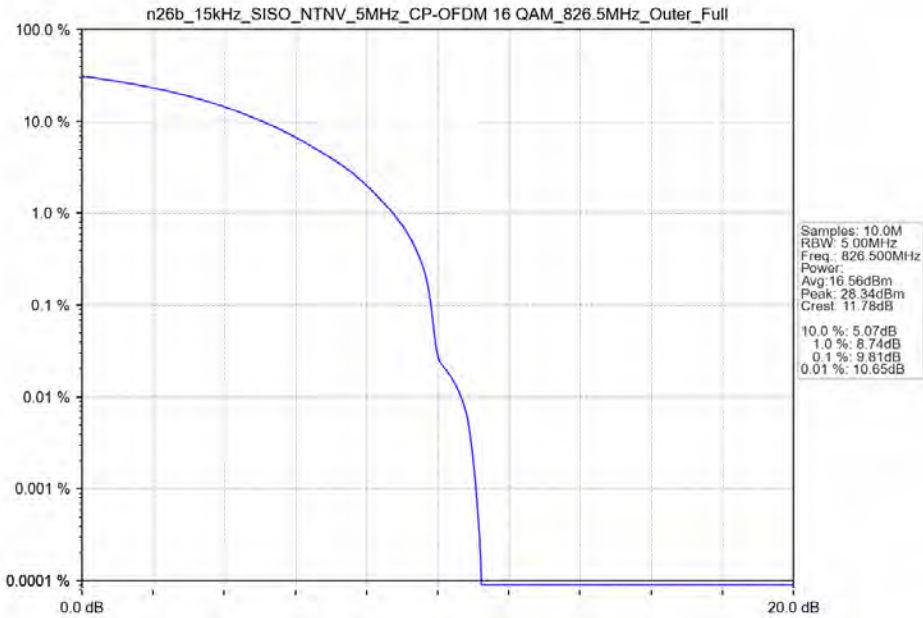
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n26b\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM 16 QAM\_836.5MHz\_Outer\_Full



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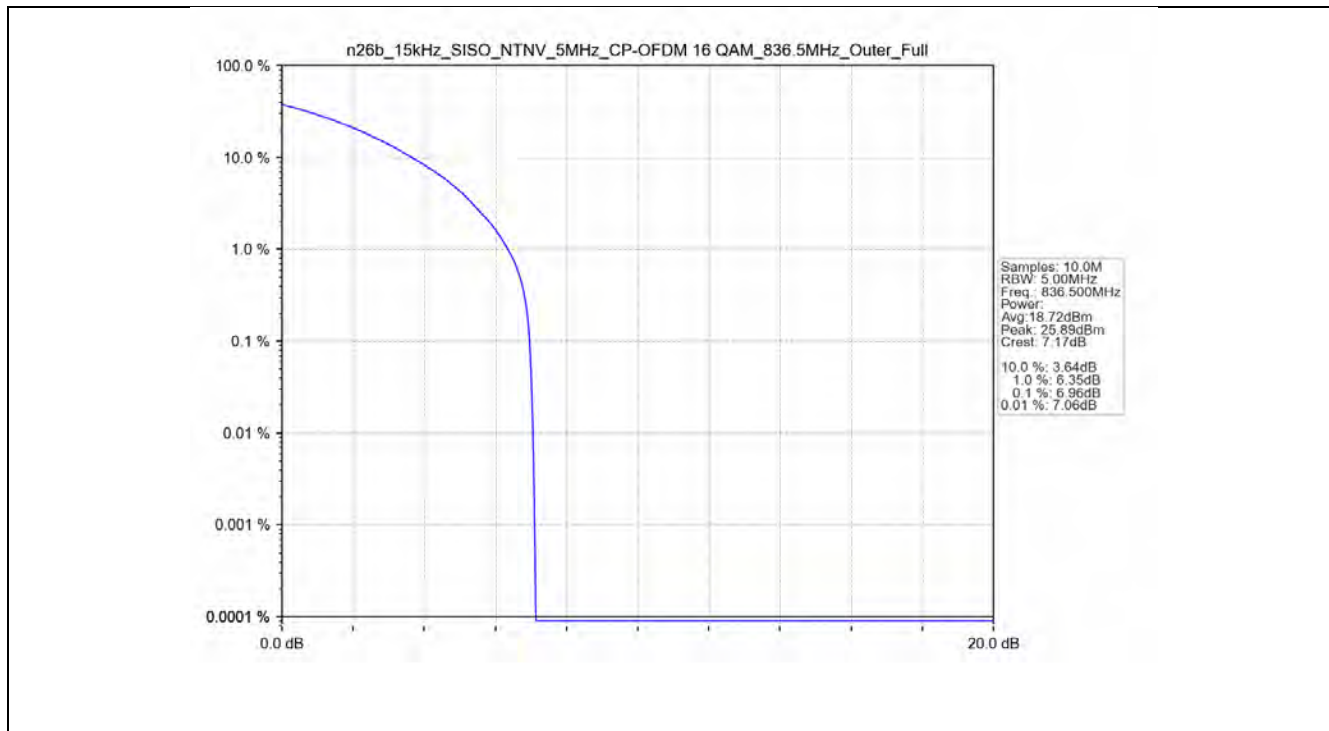
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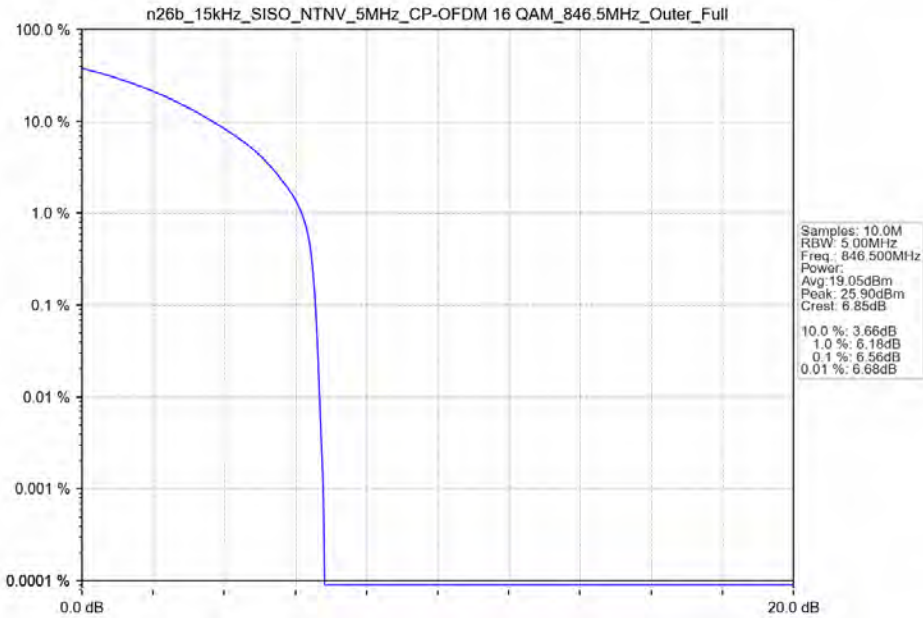
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n26b\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM 16 QAM\_846.5MHz\_Outer\_Full



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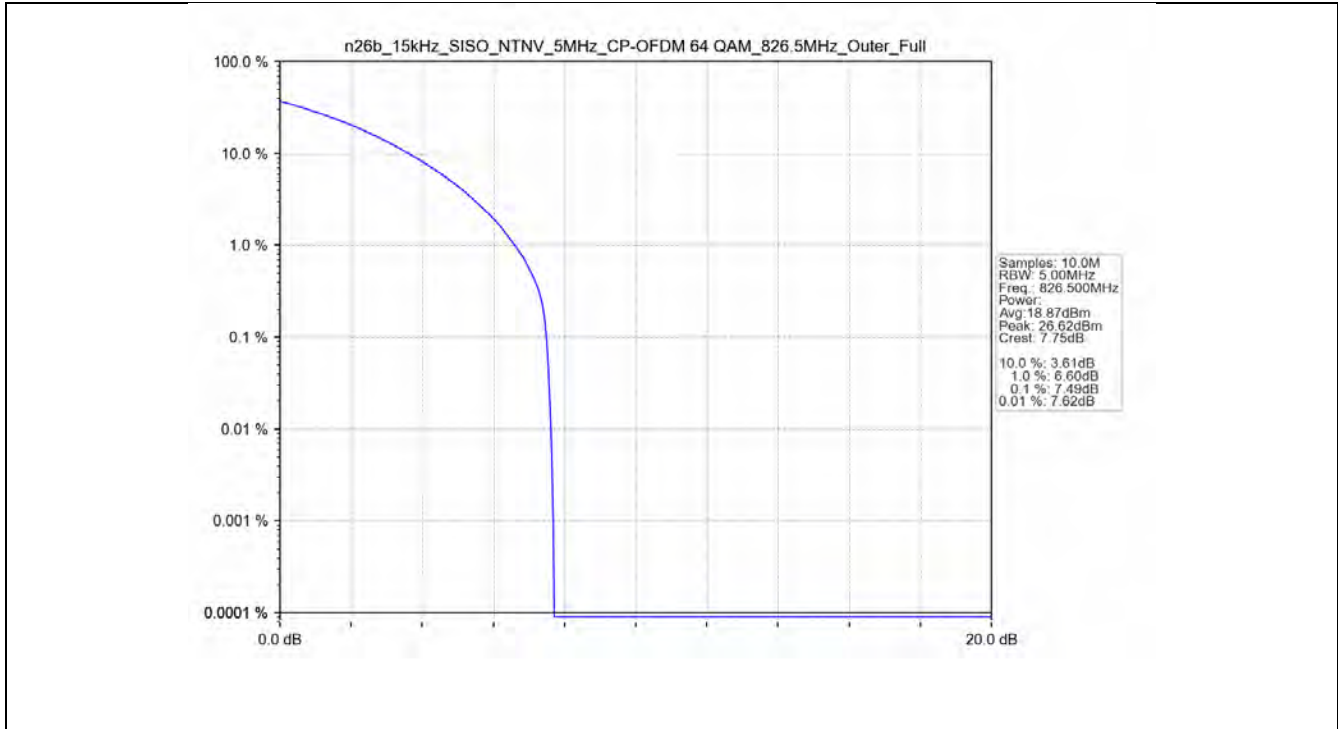


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