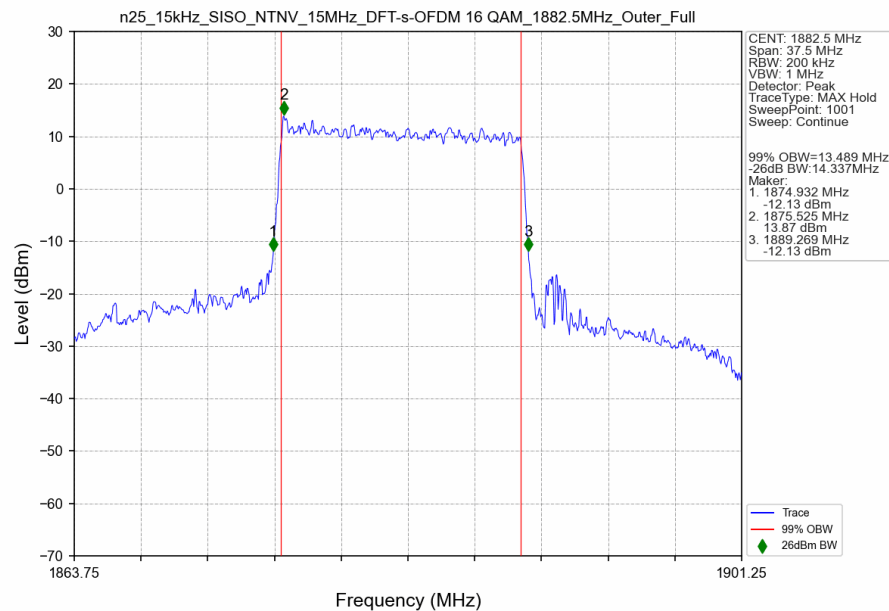
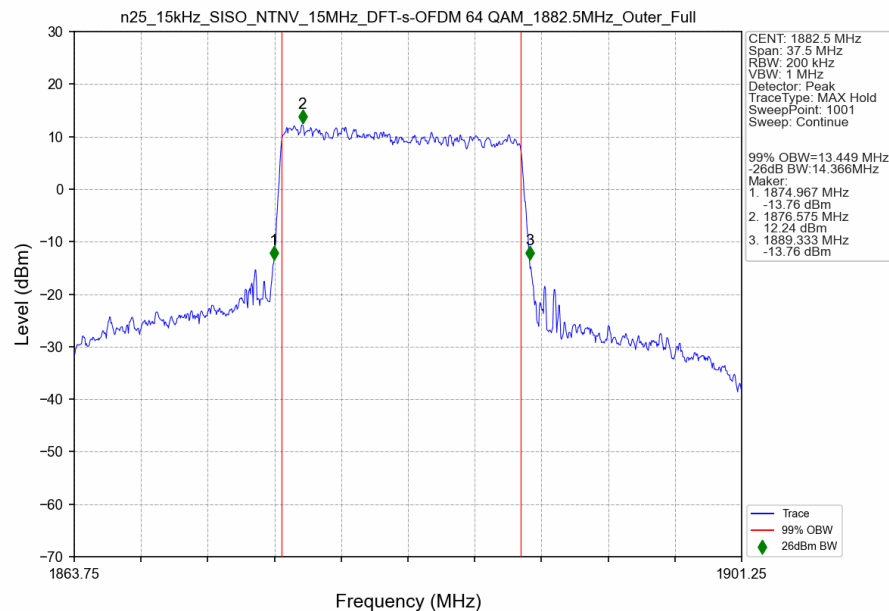


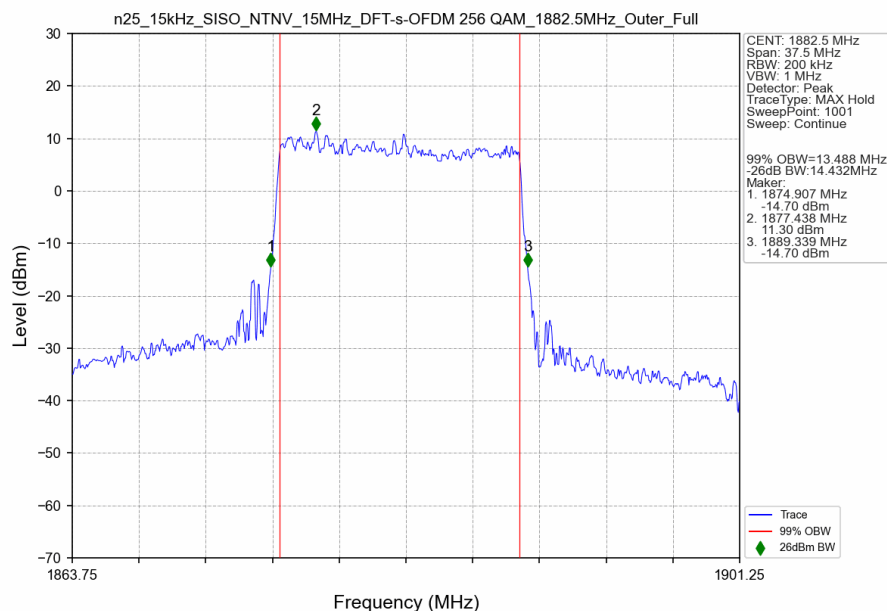
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM 1882.5MHz_Outer_Full_Ant0



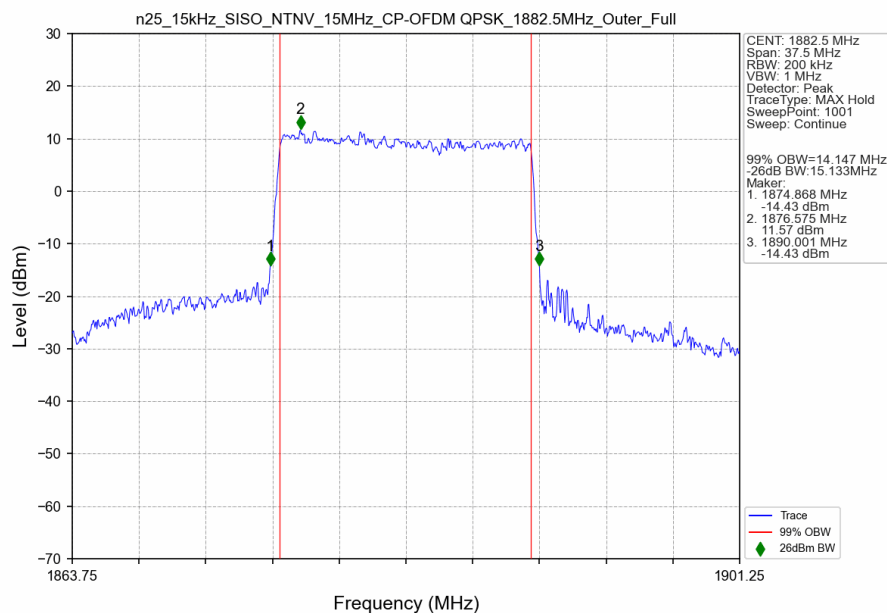
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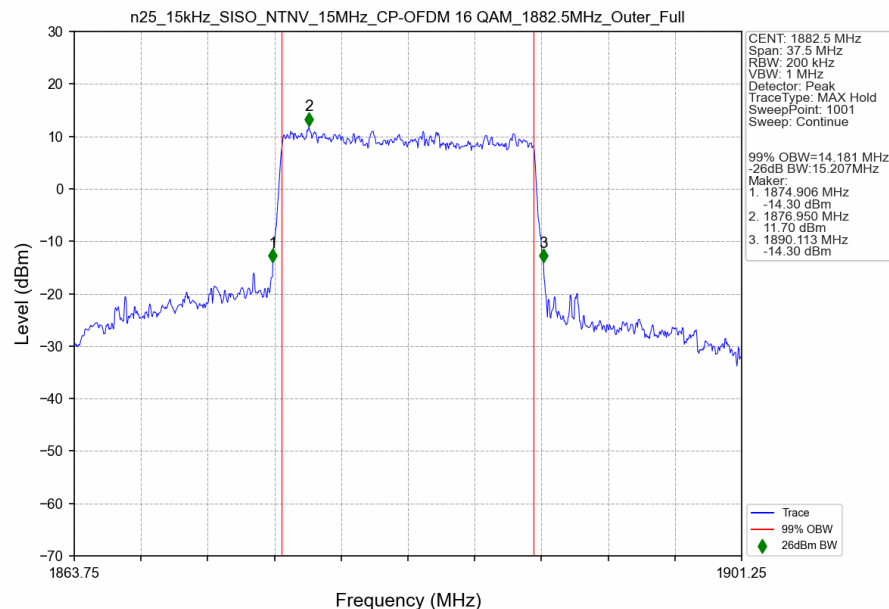
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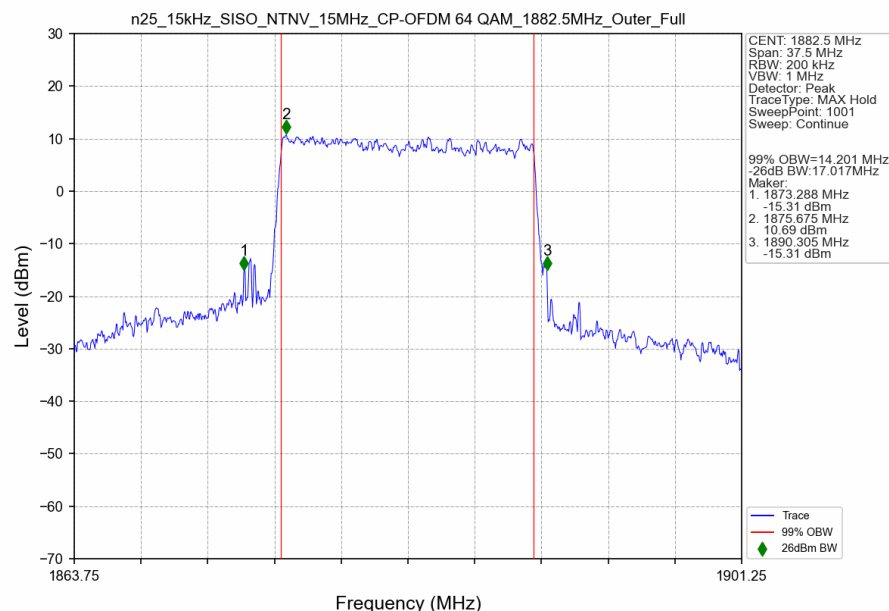
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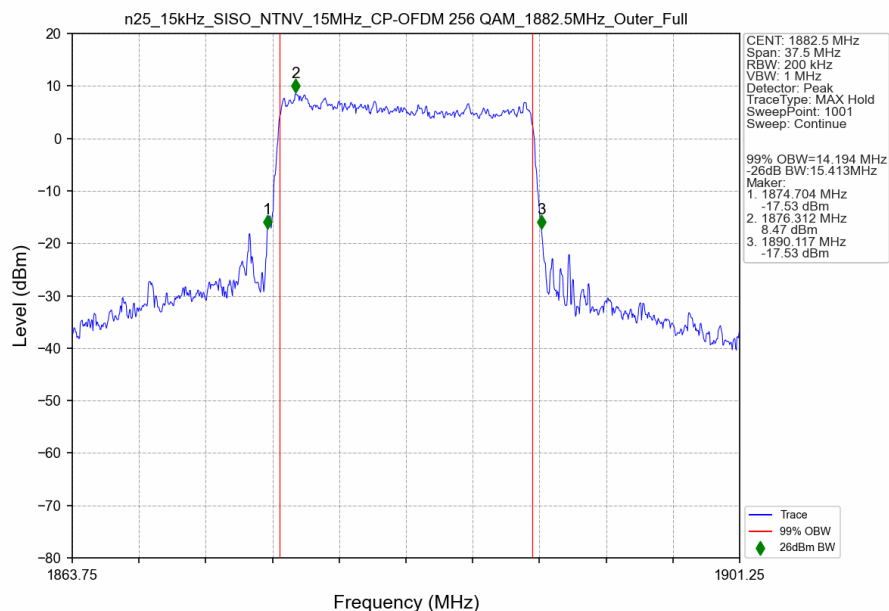
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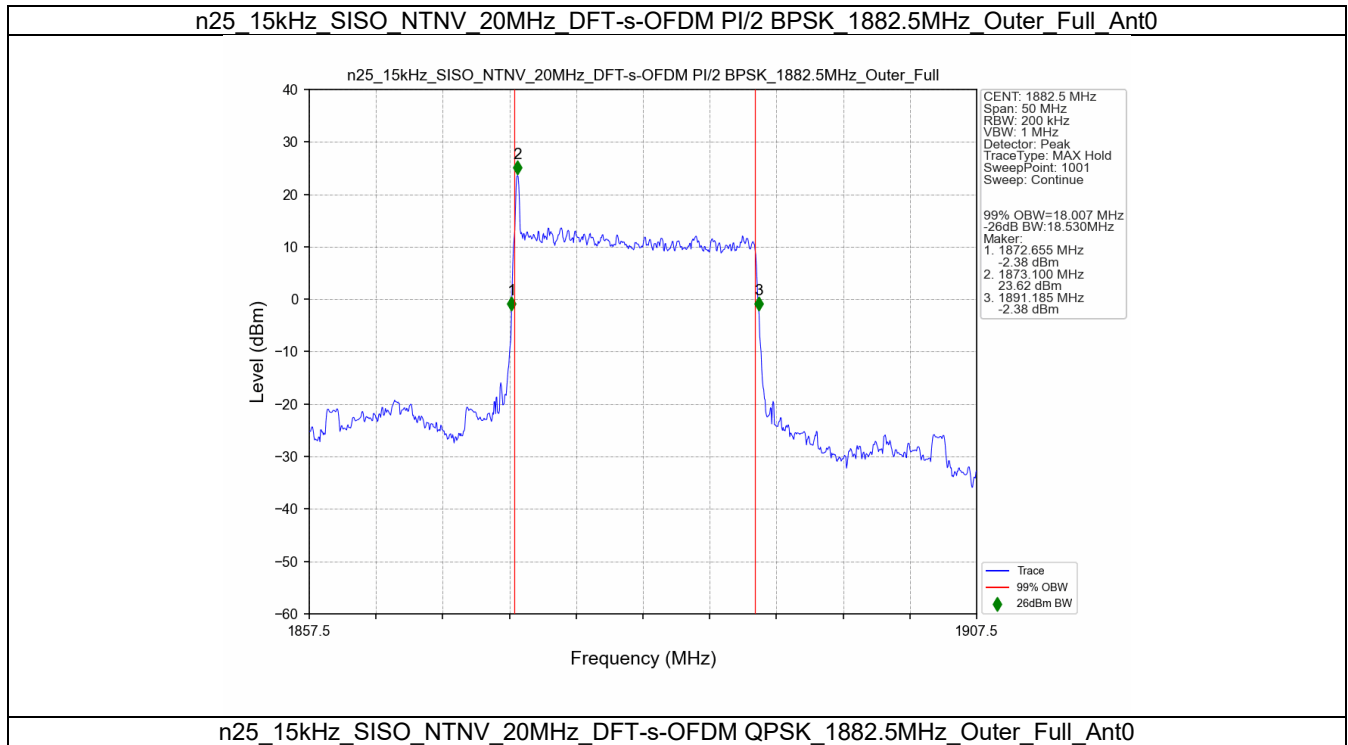
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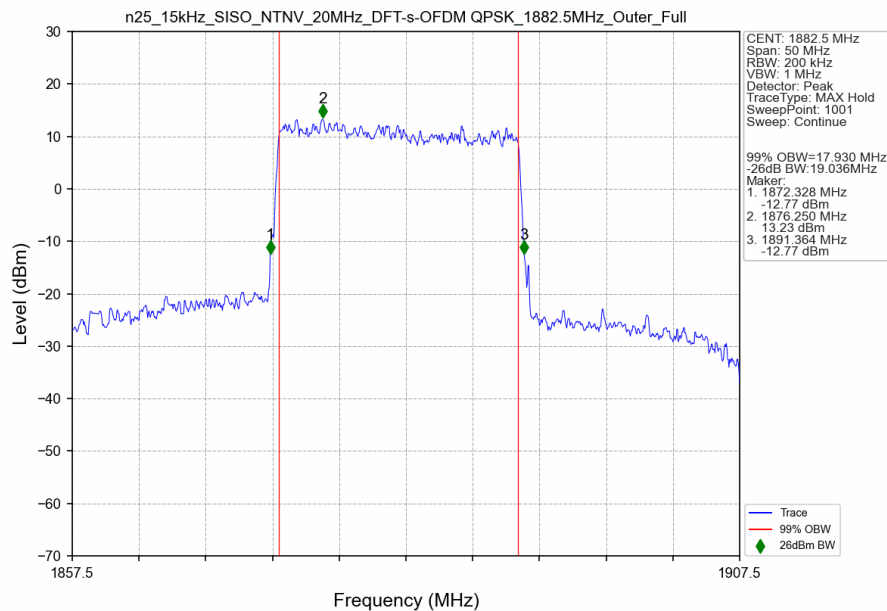


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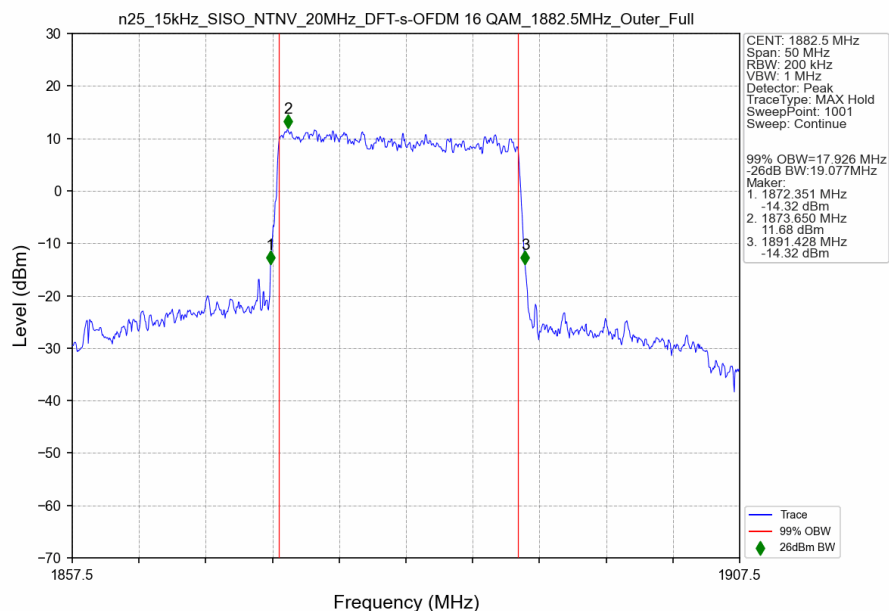


3.2.4 15_S_20M_NTNV

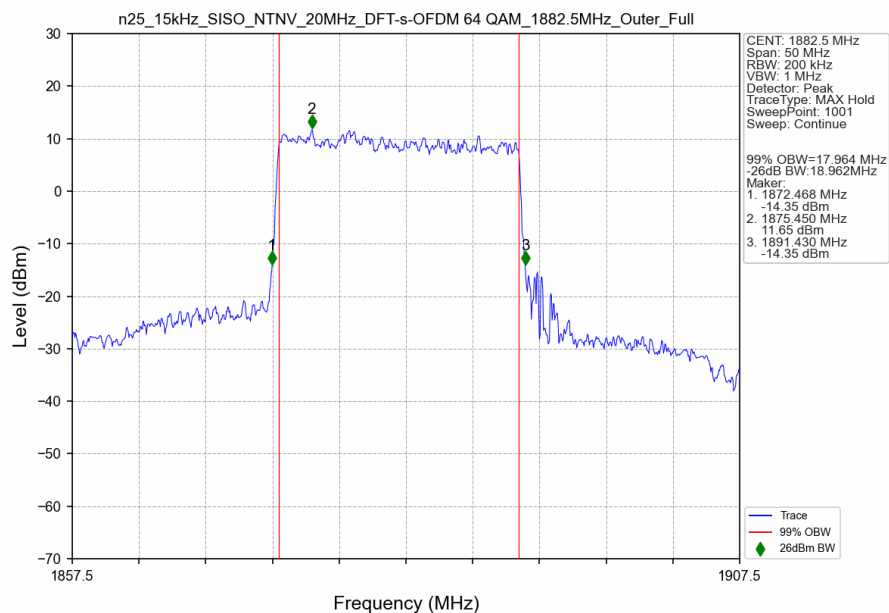




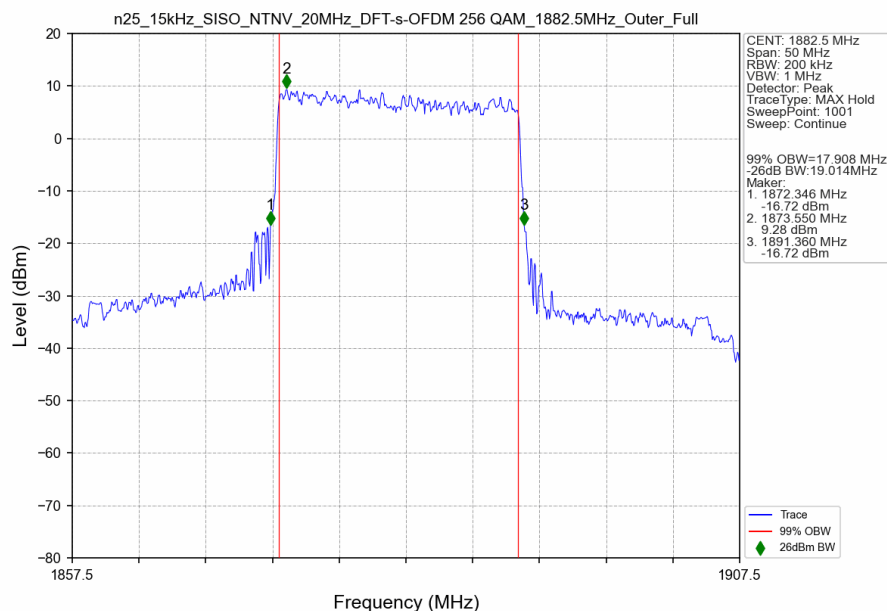
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM 1882.5MHz_Outer_Full_Ant0



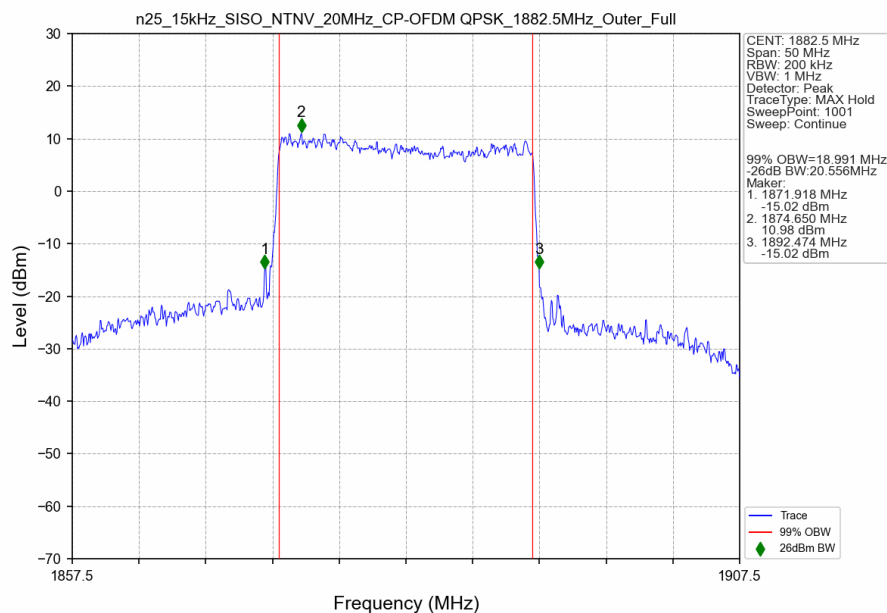
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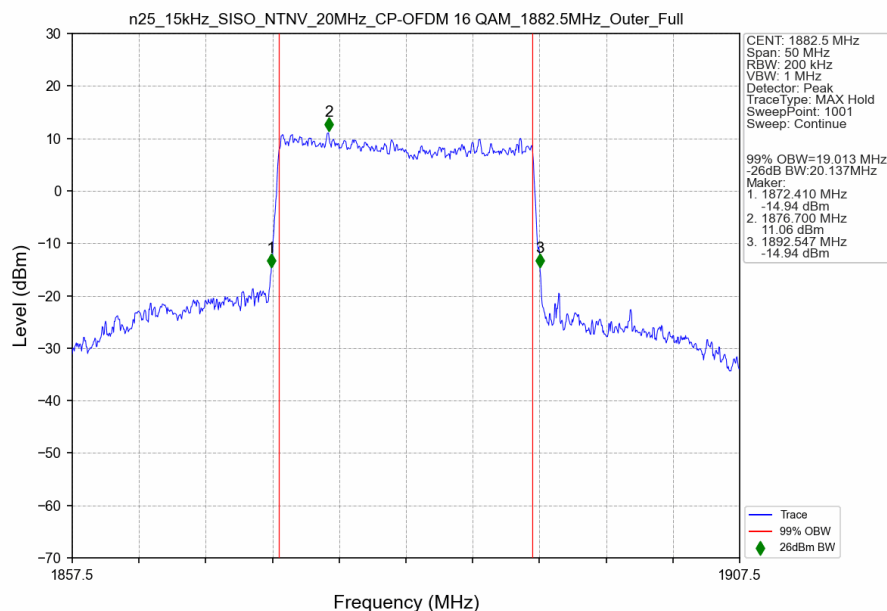
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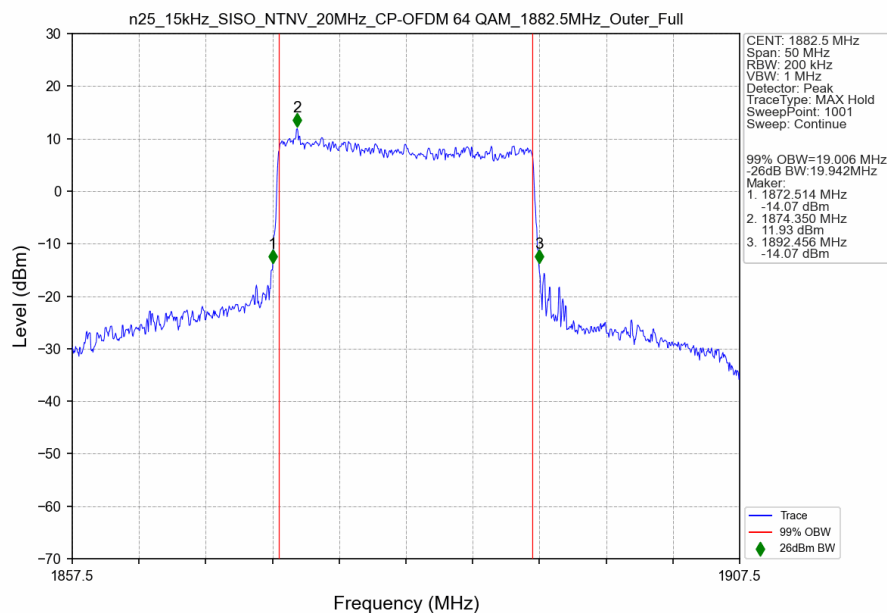
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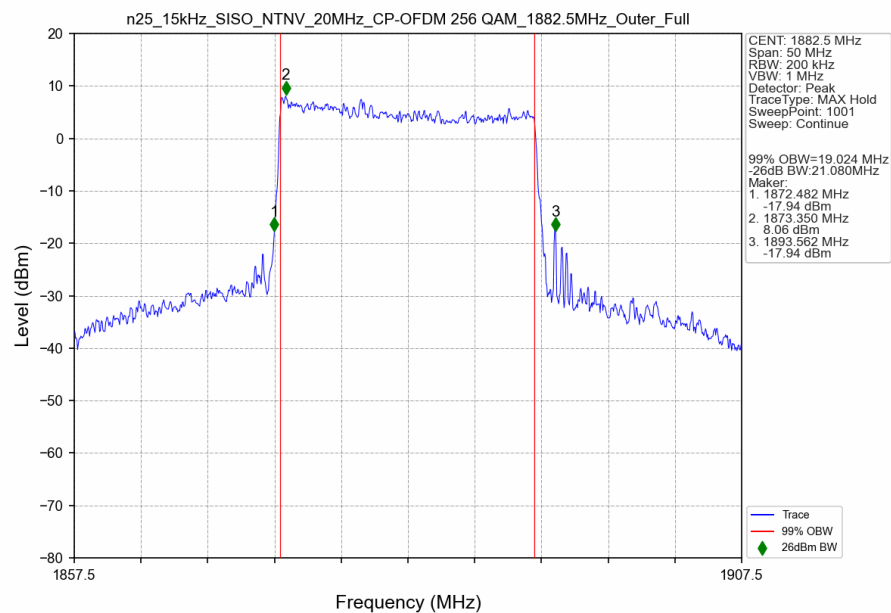
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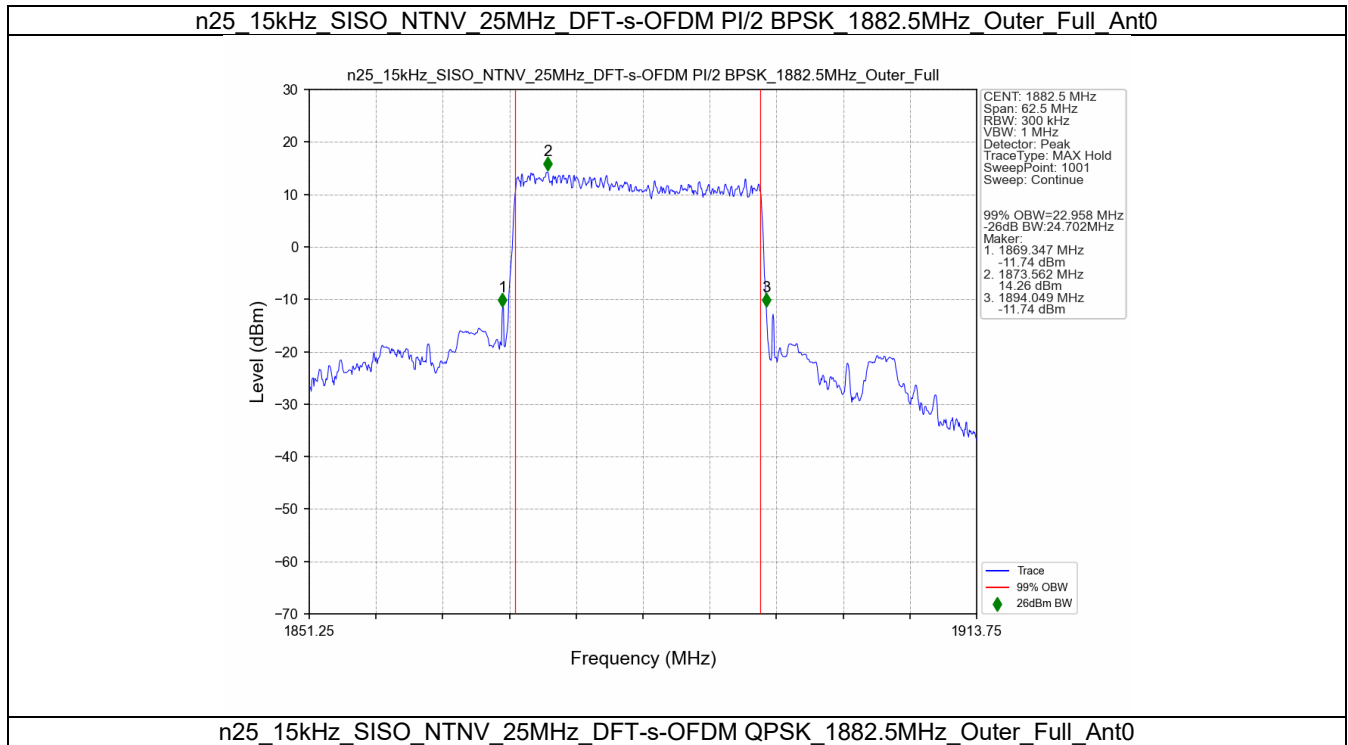
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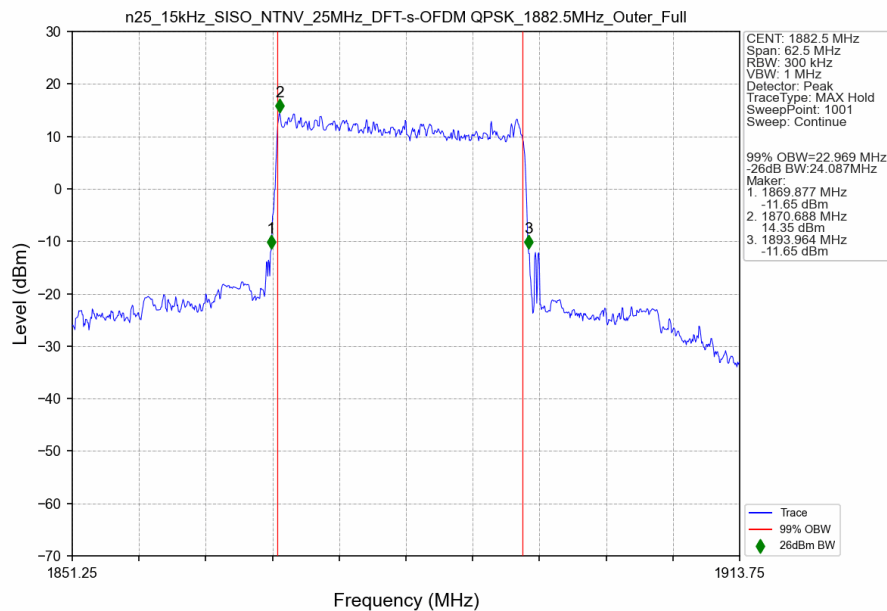


n25_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_1882.5MHz_Outer_Full_Ant0

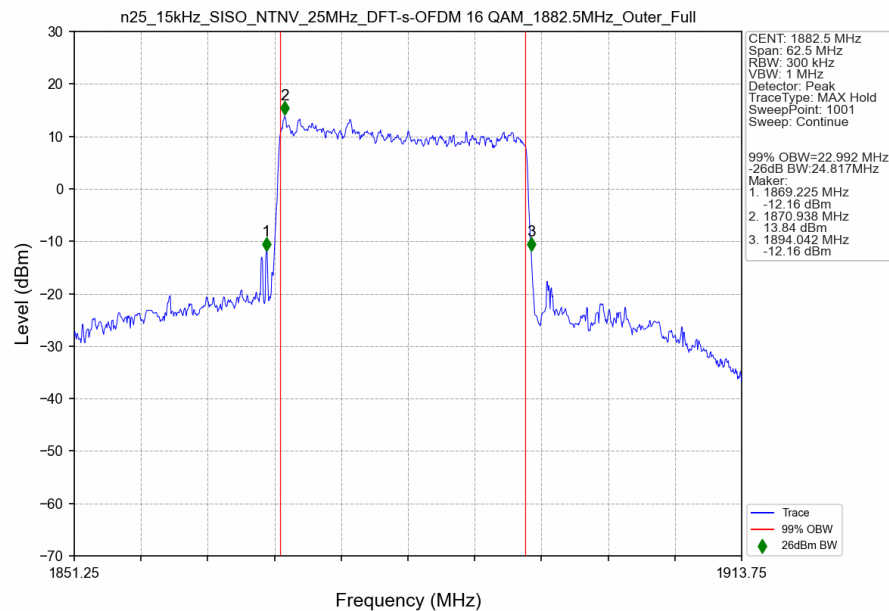


3.2.5 15_S_25M_NTNV

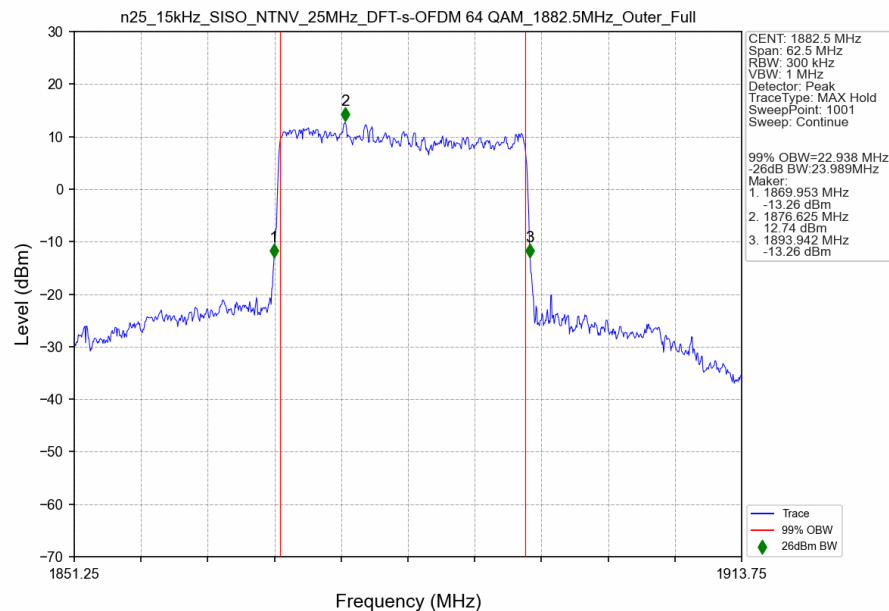




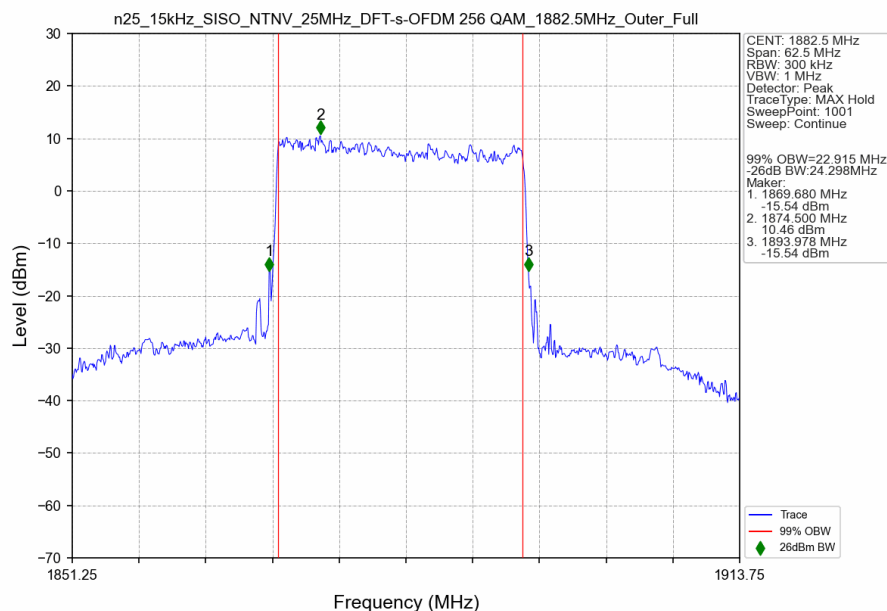
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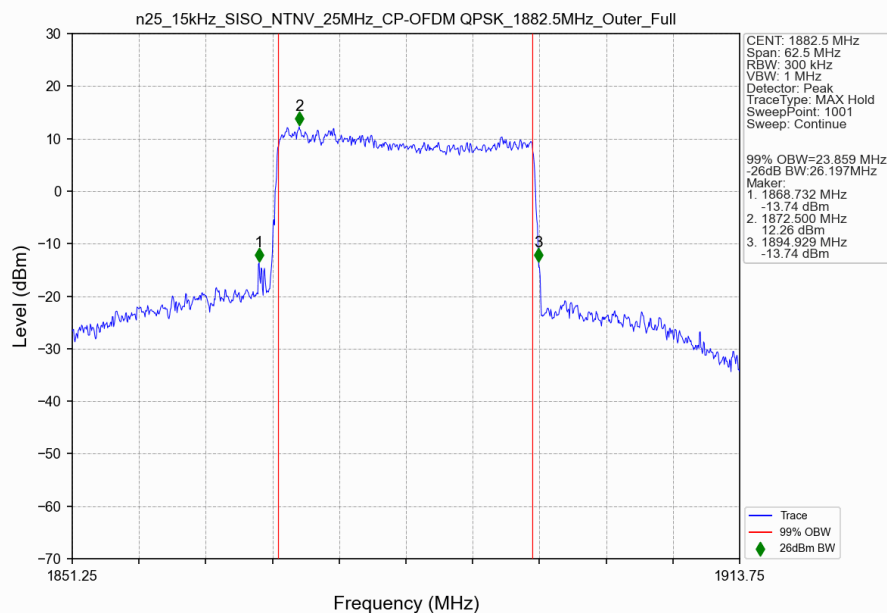
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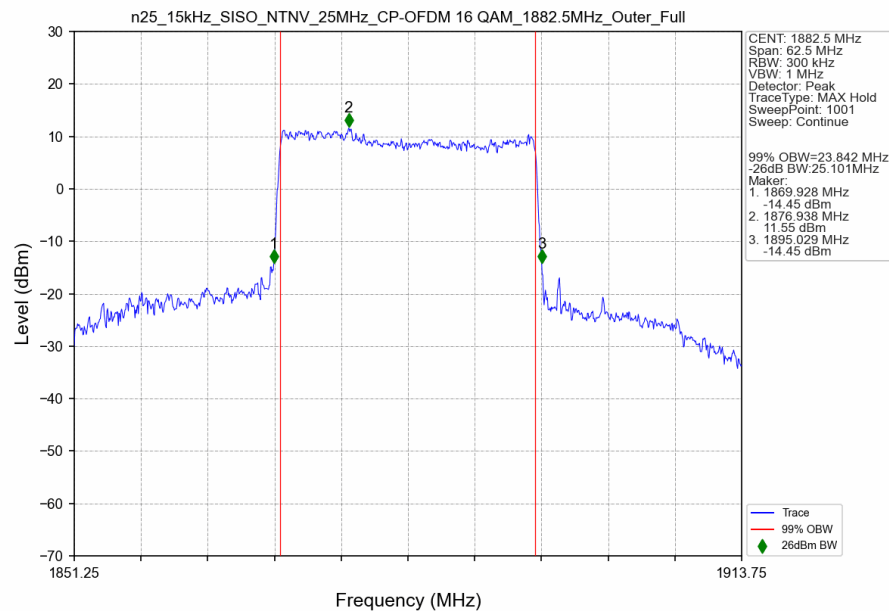
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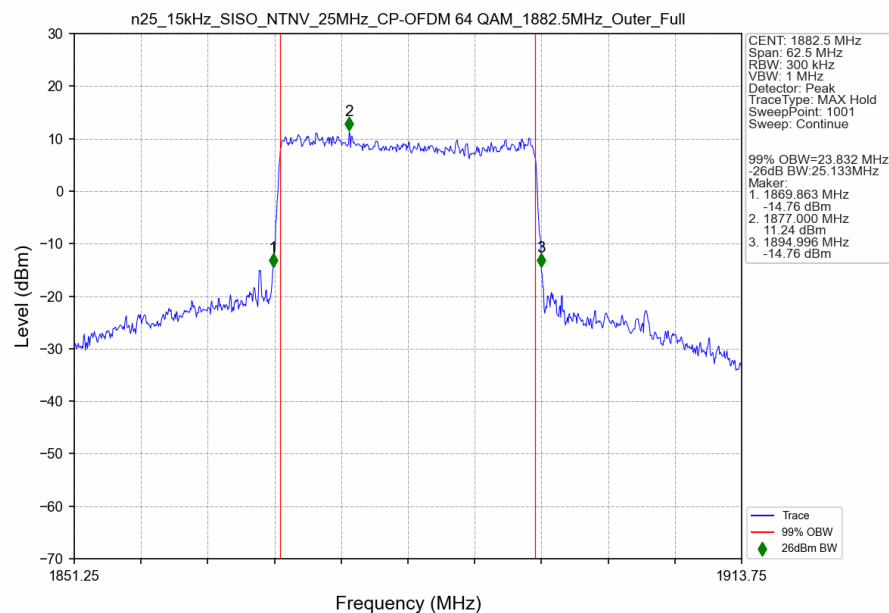
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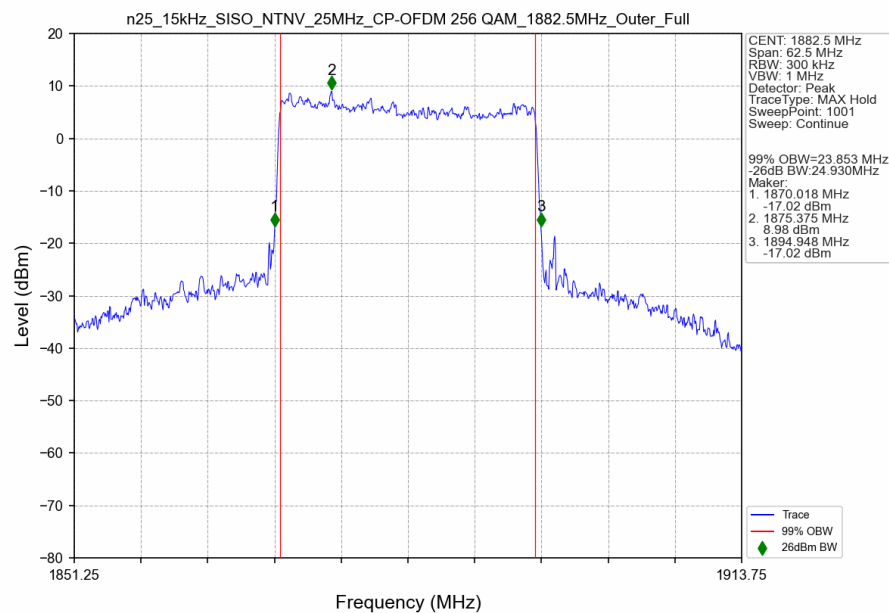
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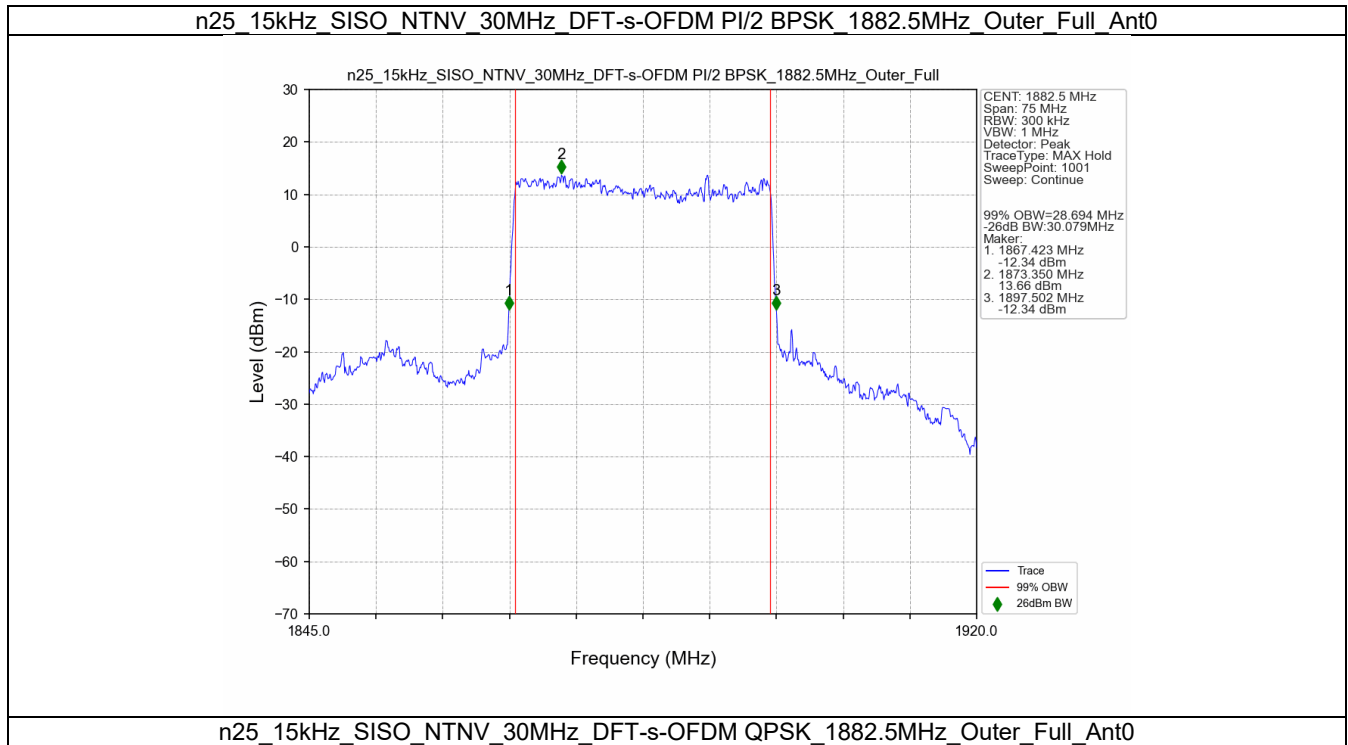
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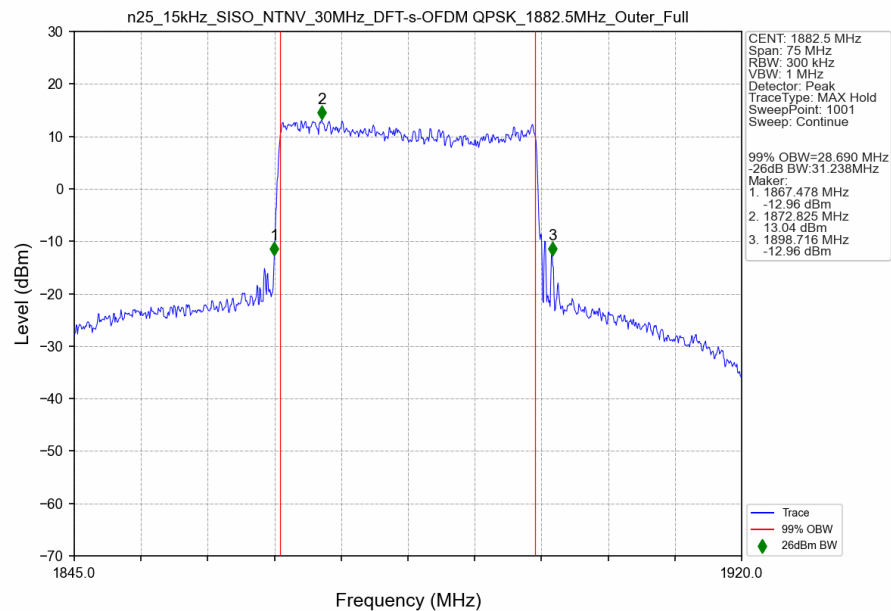


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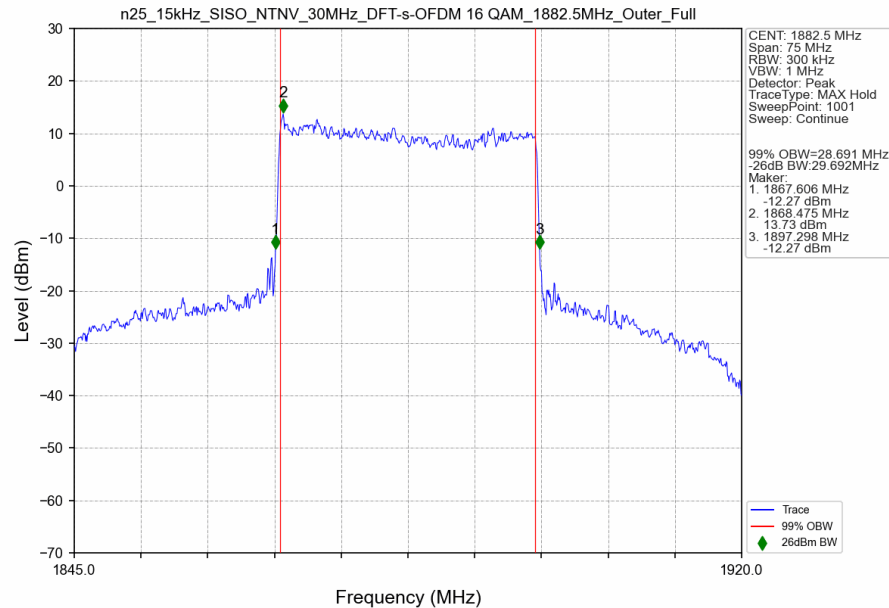


3.2.6 15_S_30M_NTNV

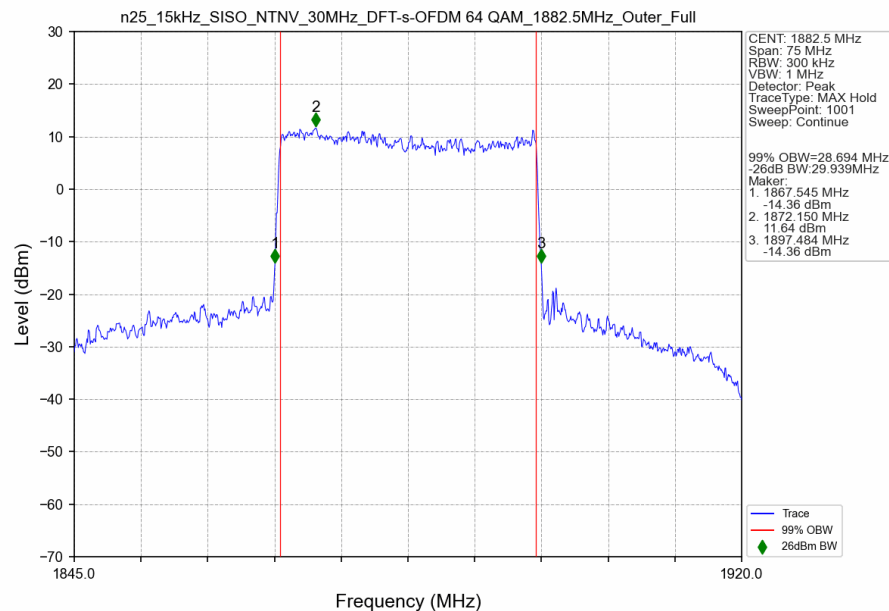




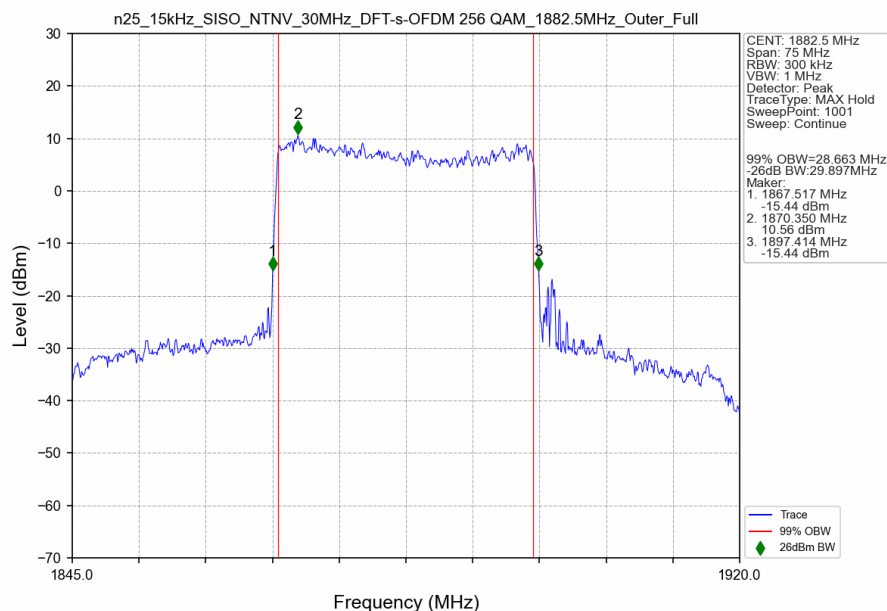
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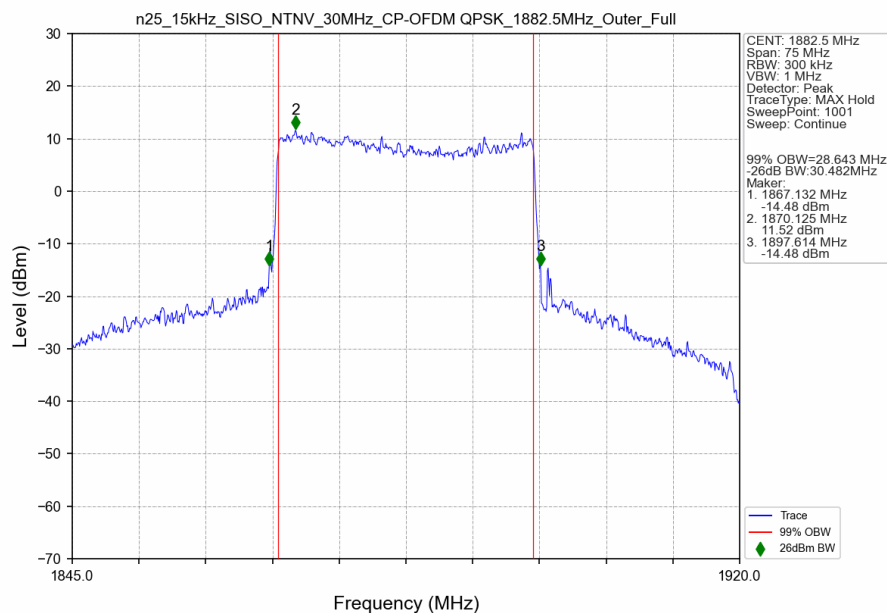
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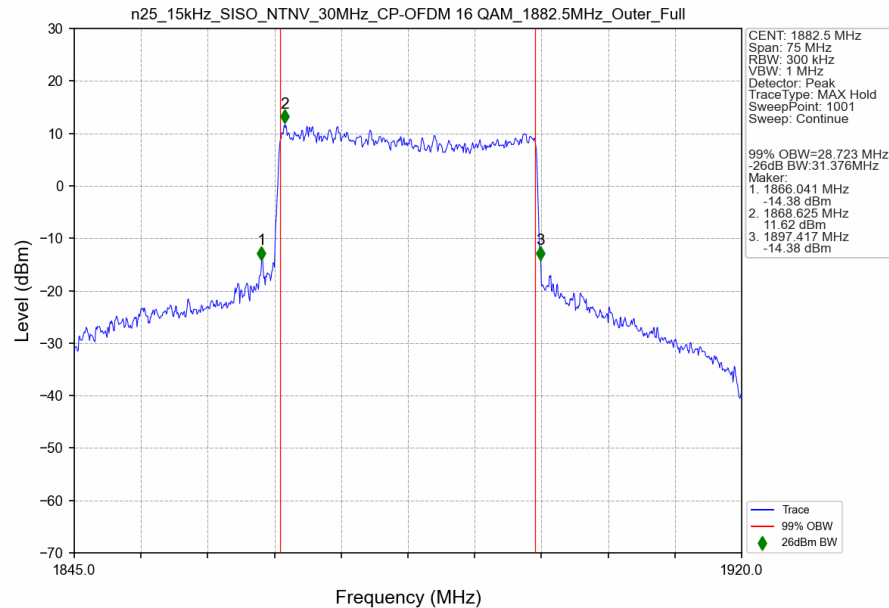
n25_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_256_QAM_1882.5MHz_Outer_Full_Ant0



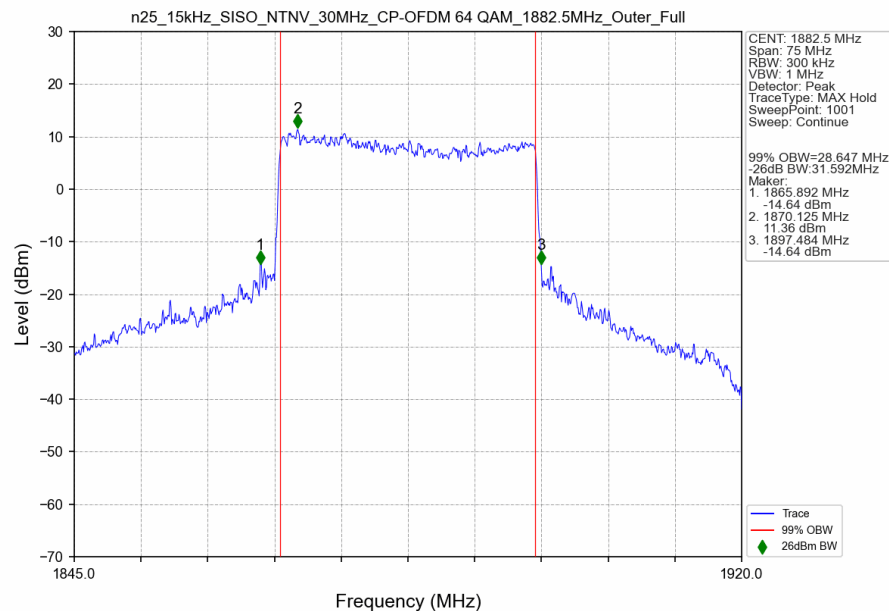
n25_15kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_1882.5MHz_Outer_Full_Ant0



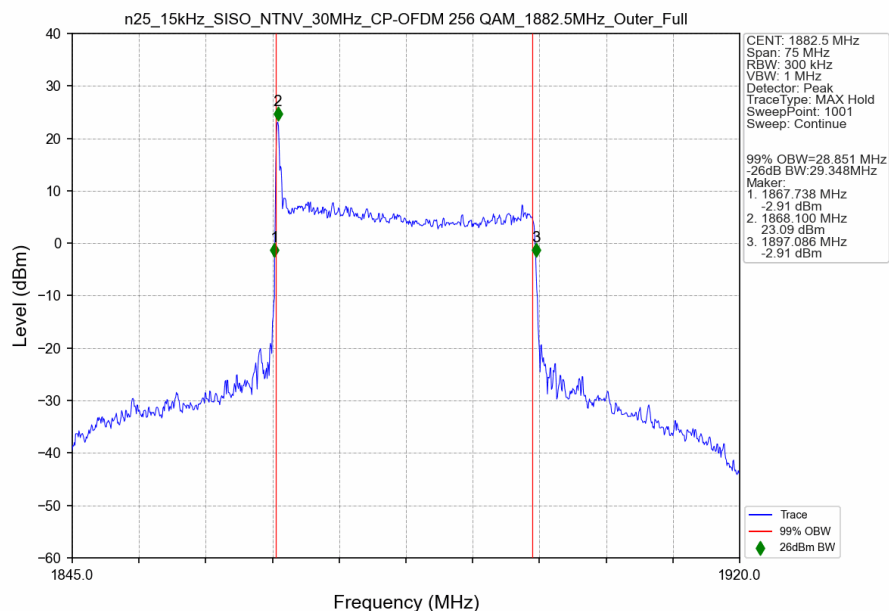
n25_15kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM 1882.5MHz_Outer_Full_Ant0



n25_15kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM 1882.5MHz_Outer_Full_Ant0



n25_15kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_1882.5MHz_Outer_Full_Ant0





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4. Peak-Average Ratio

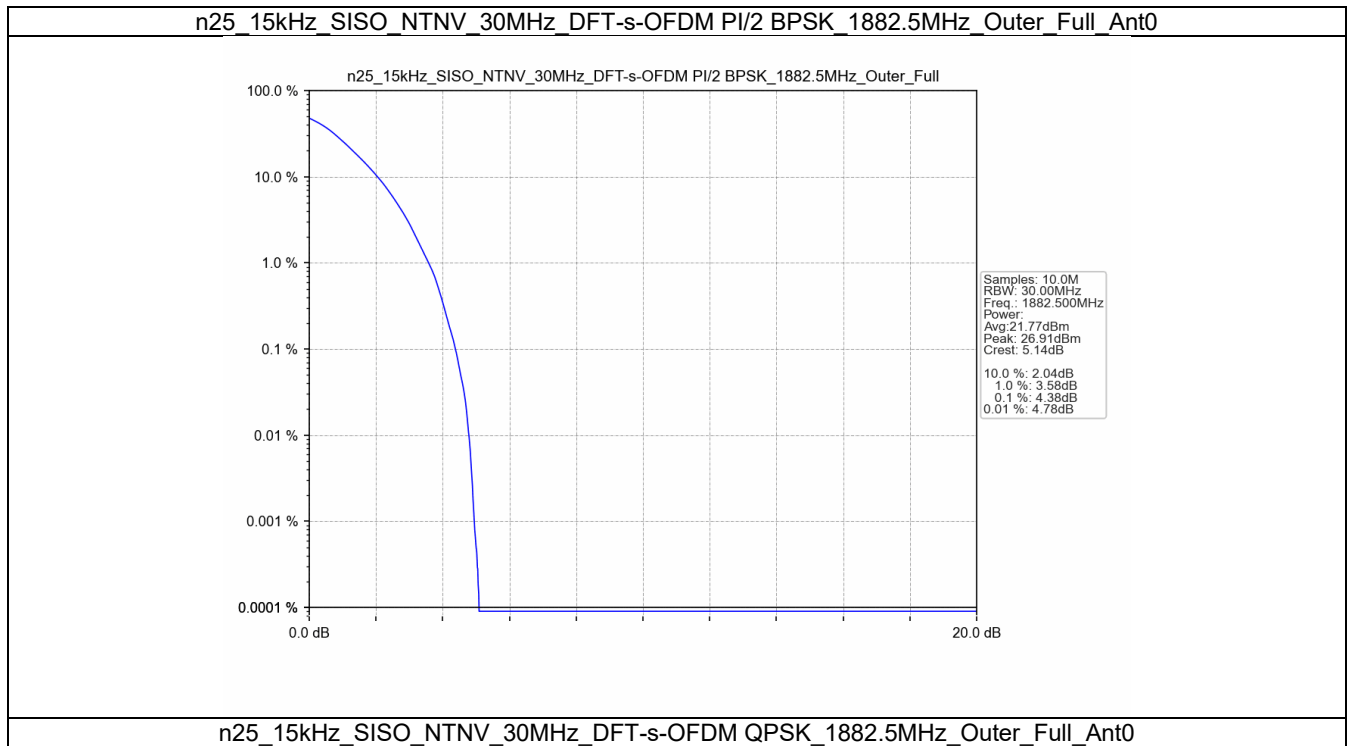
4.1 Test Result

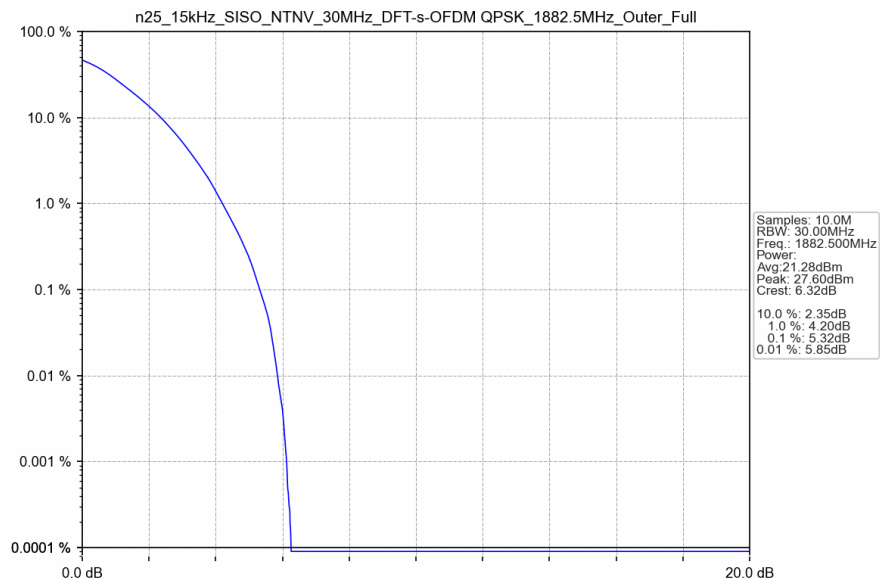
4.1.1 15_S_30M_NTNV

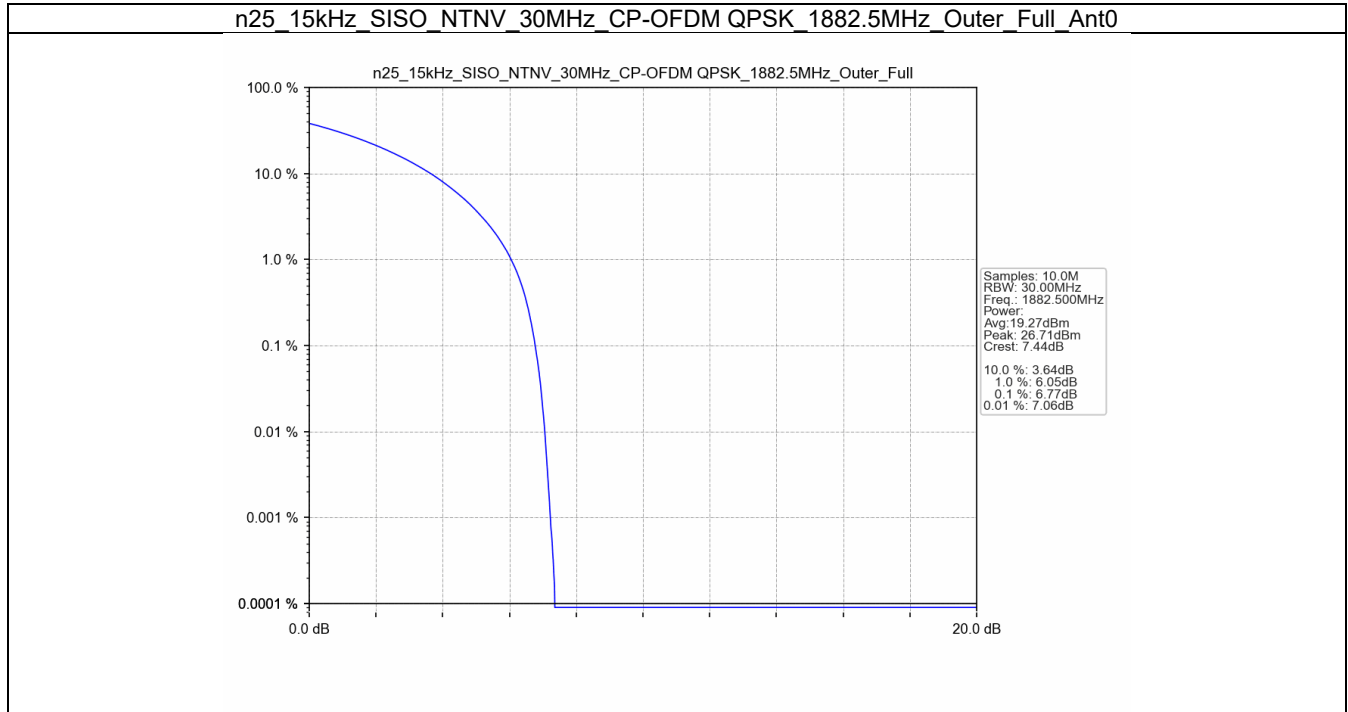
5G NR n25 SCS=15kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1882.5	Outer_Full	4.38	/	/	<=13	Pass
DFT-s-OFDM QPSK	1882.5	Outer_Full	5.32	/	/	<=13	Pass
CP-OFDM QPSK	1882.5	Outer_Full	6.77	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15_S_30M_NTNV







5. Spurious Emission

5.1 Test Result

5.1.1 15_S_5M_NTNV

5G NR n25 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1852.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1912.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	1852.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1912.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	1852.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1912.5	Outer_Full	Refer To Test Graph				Pass

5.1.2 15_S_20M_NTNV

5G NR n25 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1860	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass
		1905	Edge_1RB_Right	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	DFT-s-OFDM QPSK	1860	Edge_1RB_Left	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
1882.5		Edge_1RB_Left	Refer To Test Graph				Pass
		1905	Edge_1RB_Right	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
CP-OFDM QPSK		1860	Edge_1RB_Left	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass
		1905	Edge_1RB_Right	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass



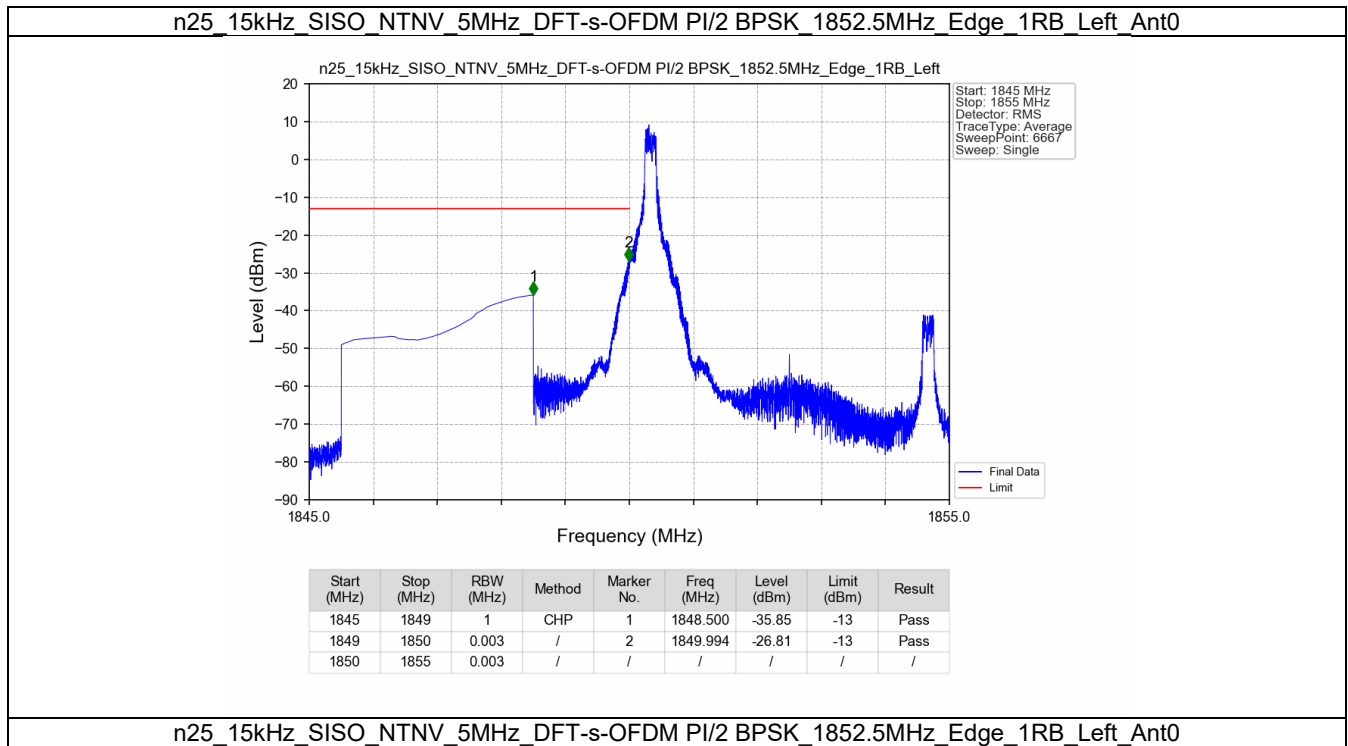
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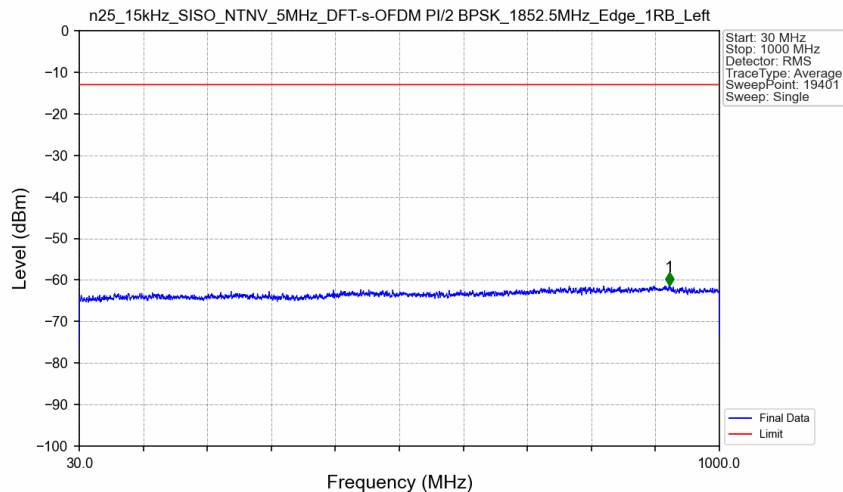
5.1.3 15_S_30M_NTNV

5G NR n25 SCS=15kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1865	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1900	Outer_Full	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	1865	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1900	Outer_Full	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	1865	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1900	Outer_Full	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.2 Test Graph

5.2.1 15_S_5M_NTNV





Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	923.800	-61.40	-13	Pass