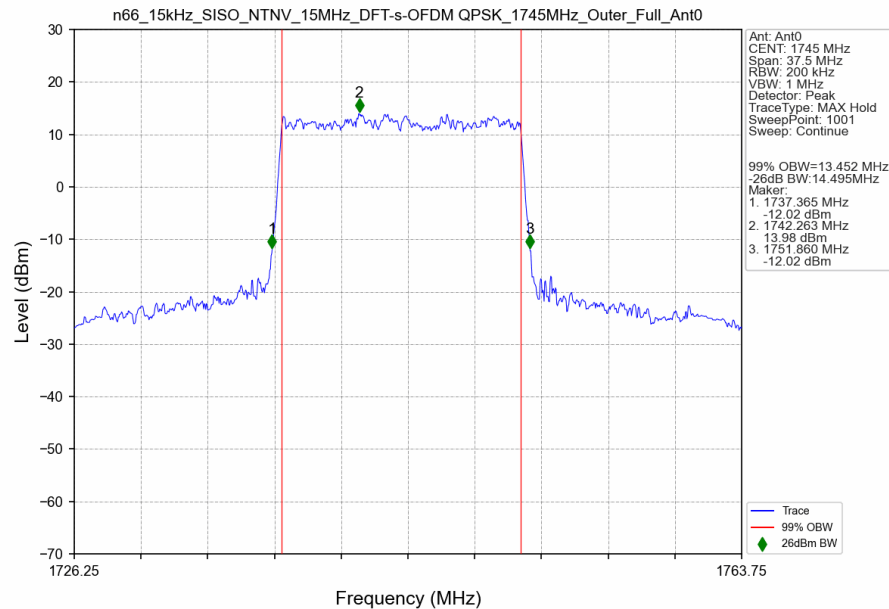
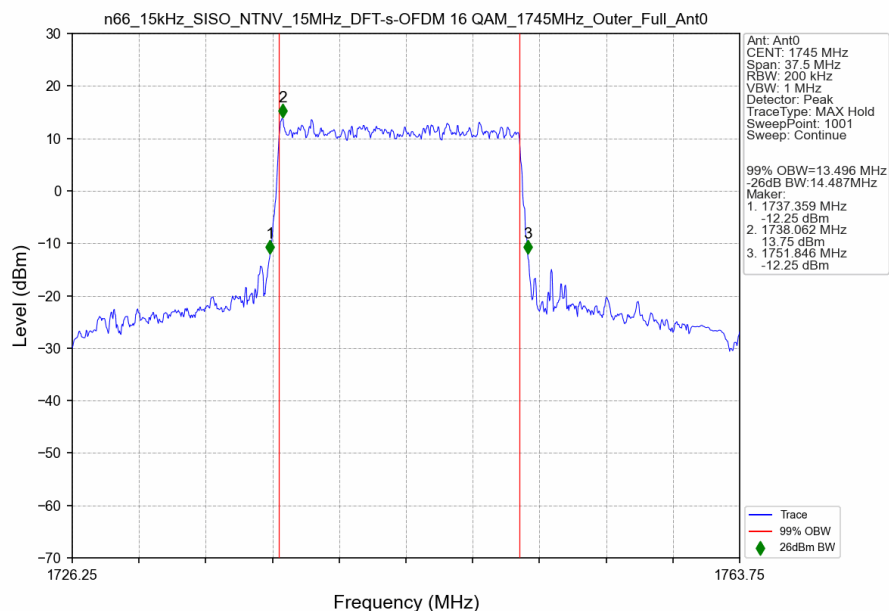
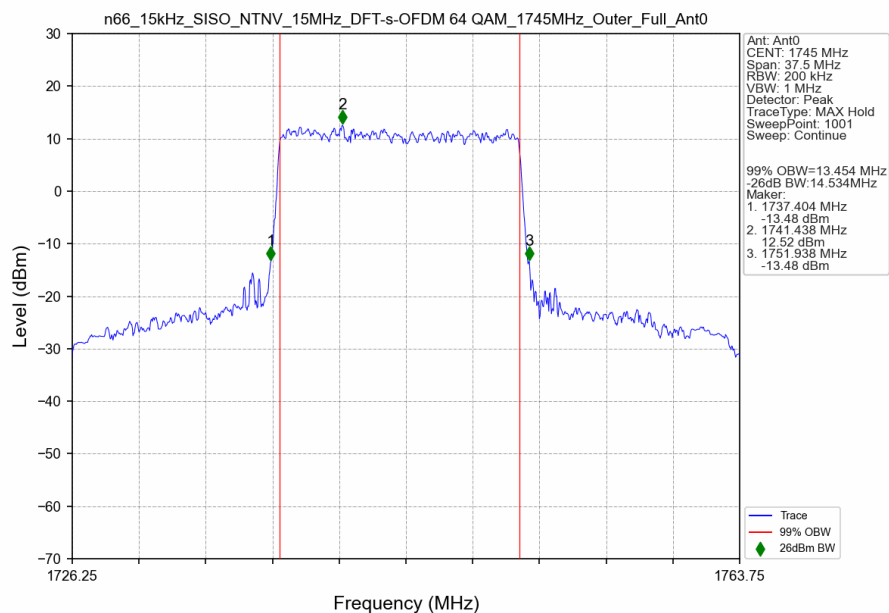




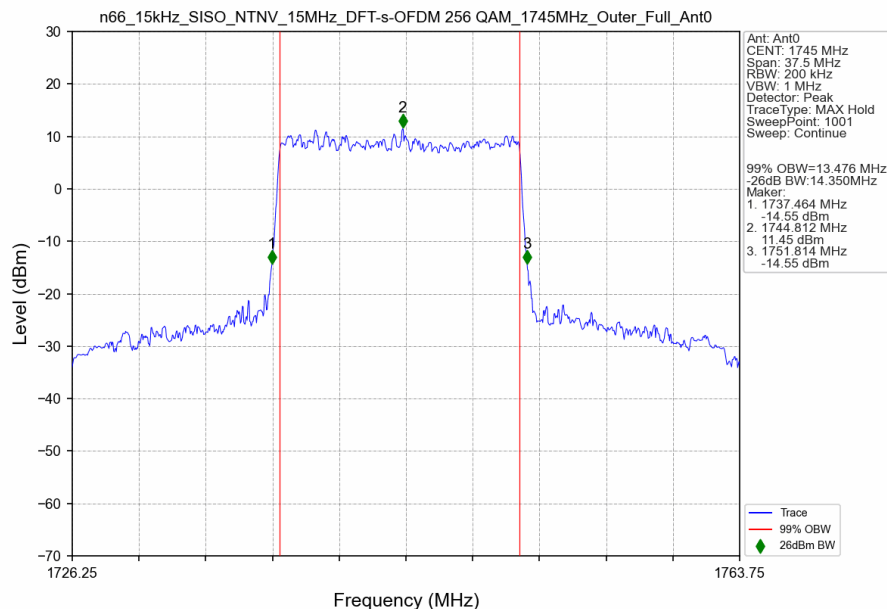
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full_Ant0



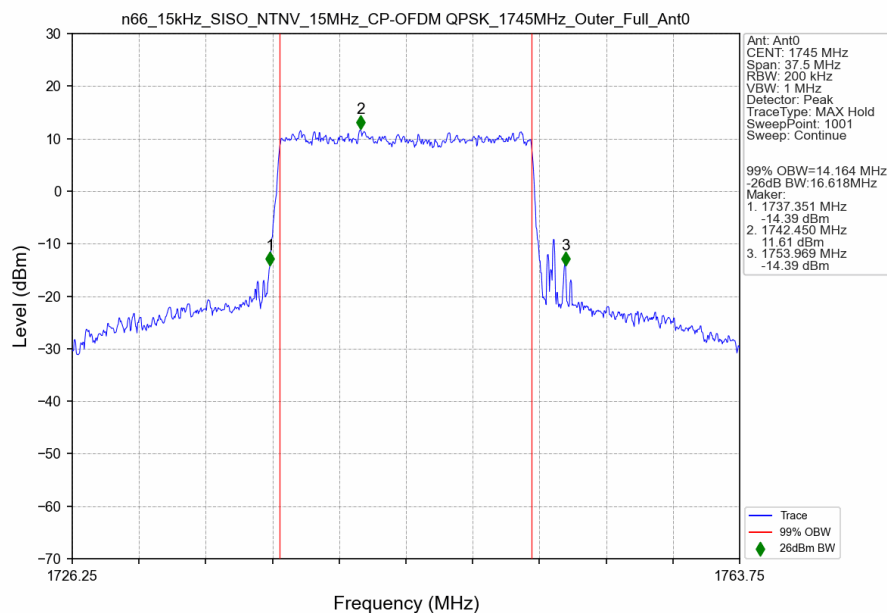
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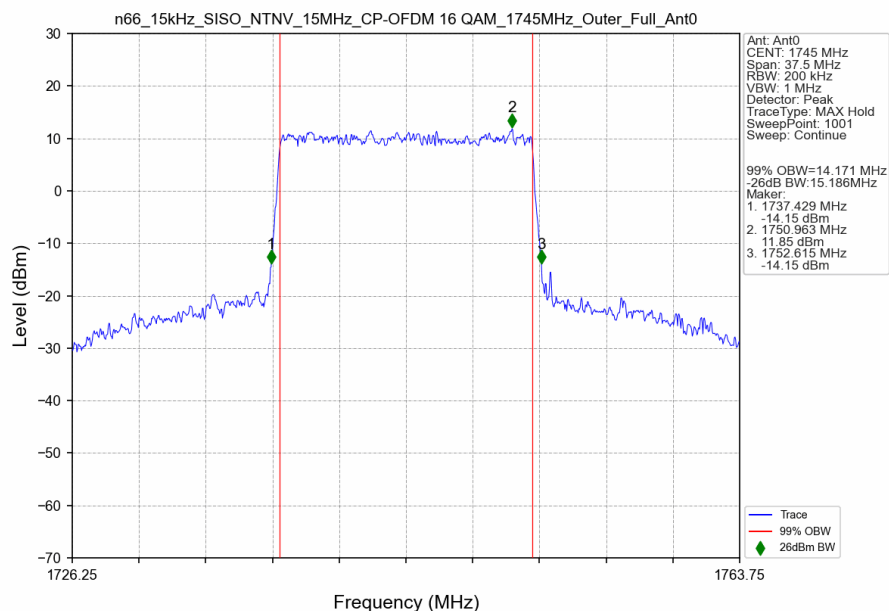
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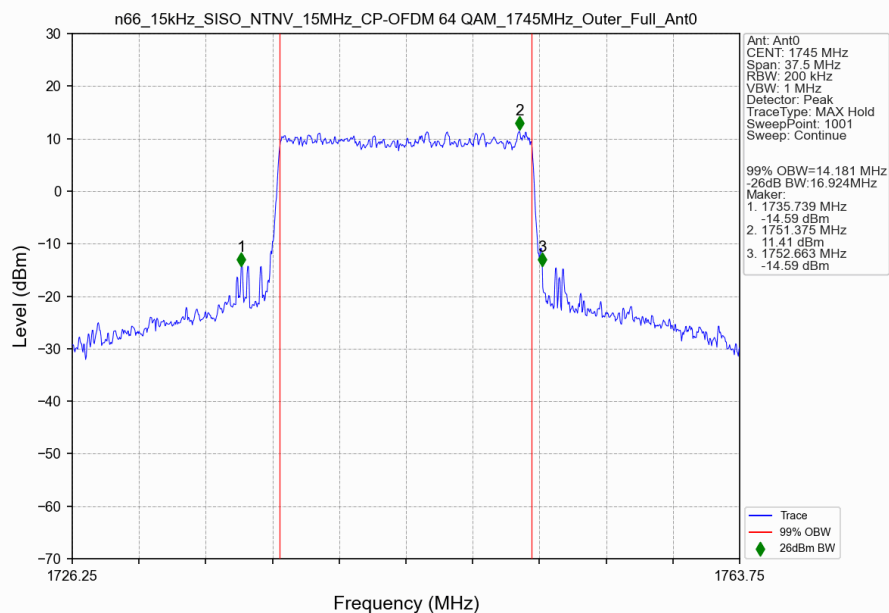
n66_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK 1745MHz_Outer_Full_Ant0



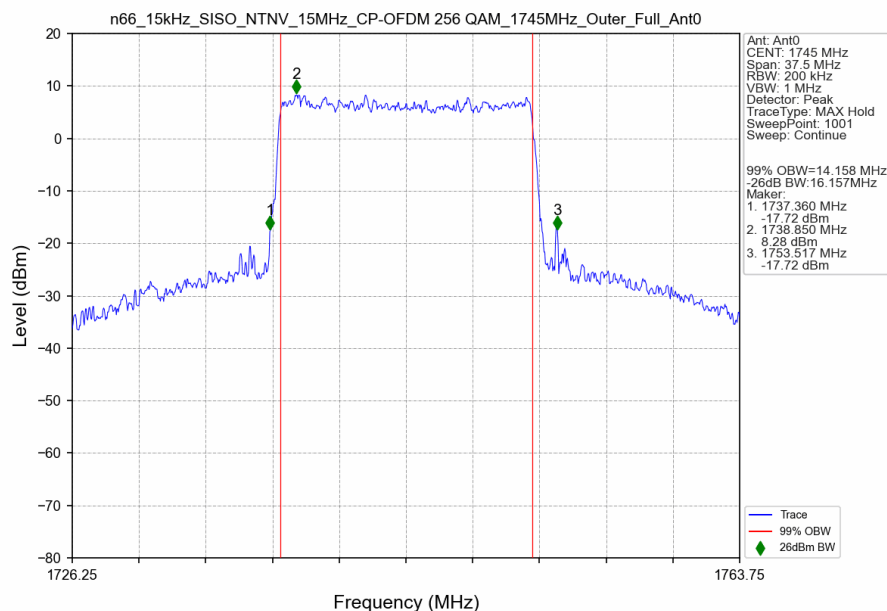
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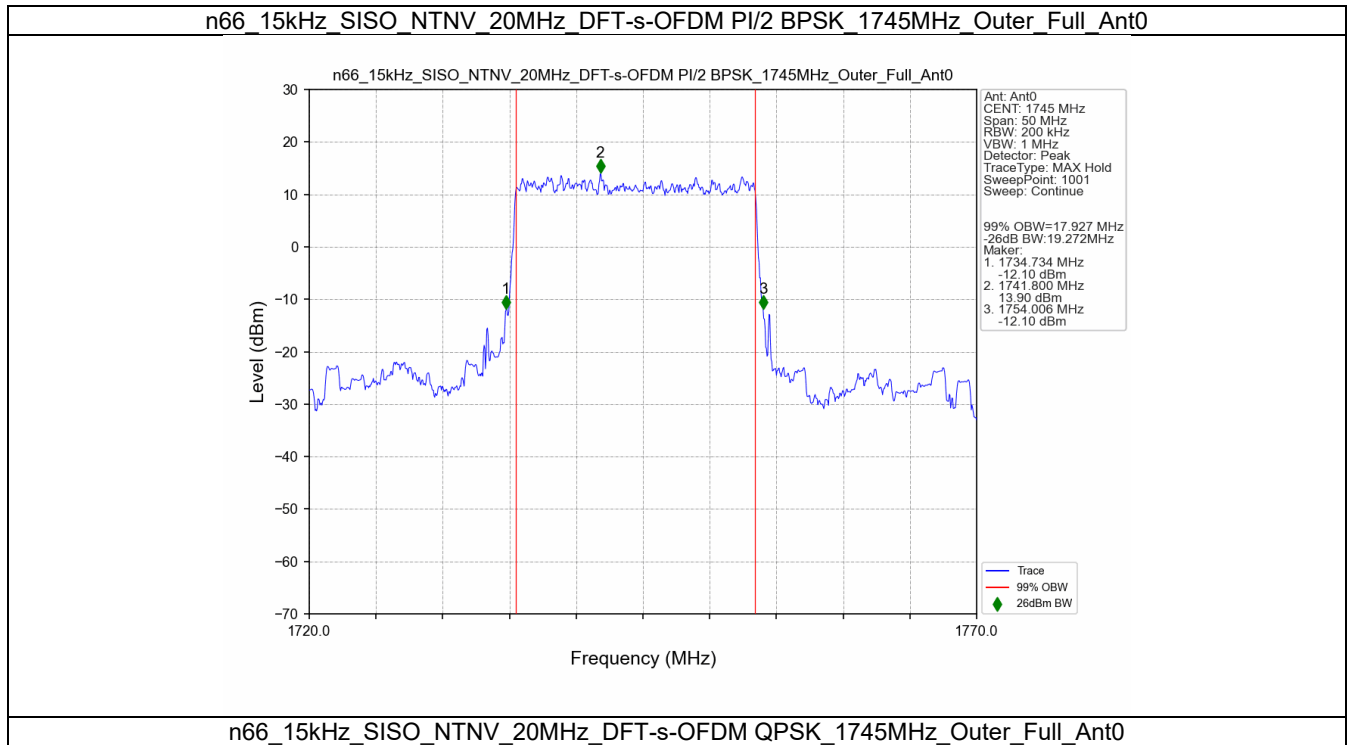
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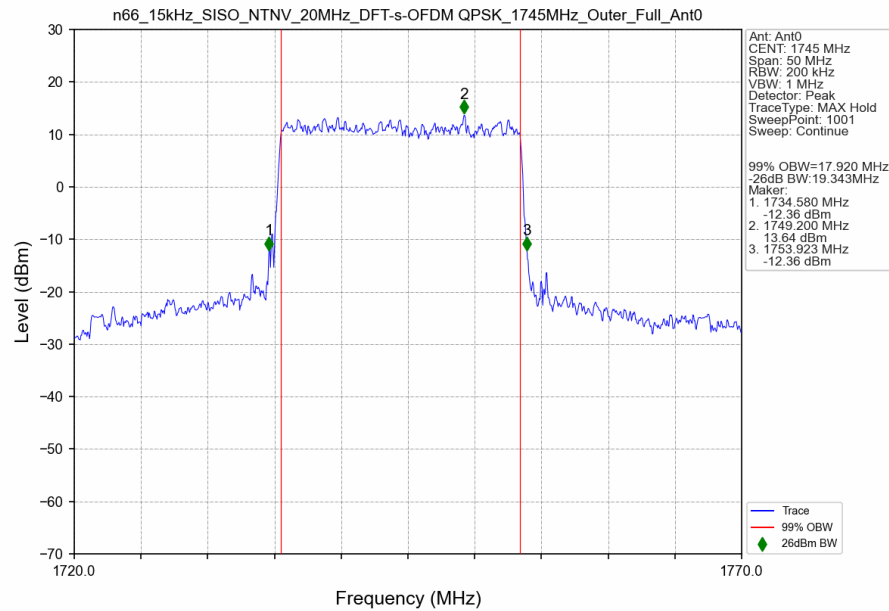


n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1745MHz_Outer_Full_Ant0

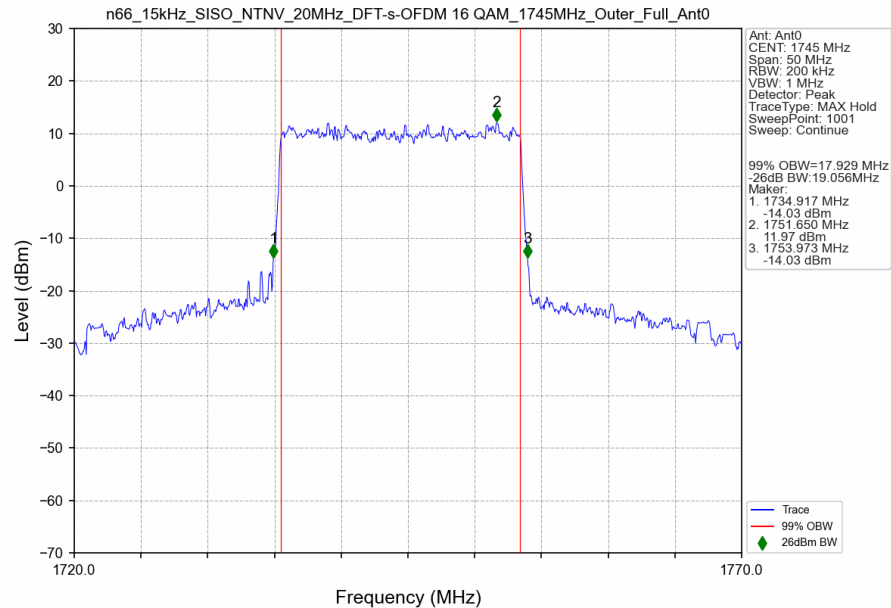


3.2.4 15_S_20M_NTNV

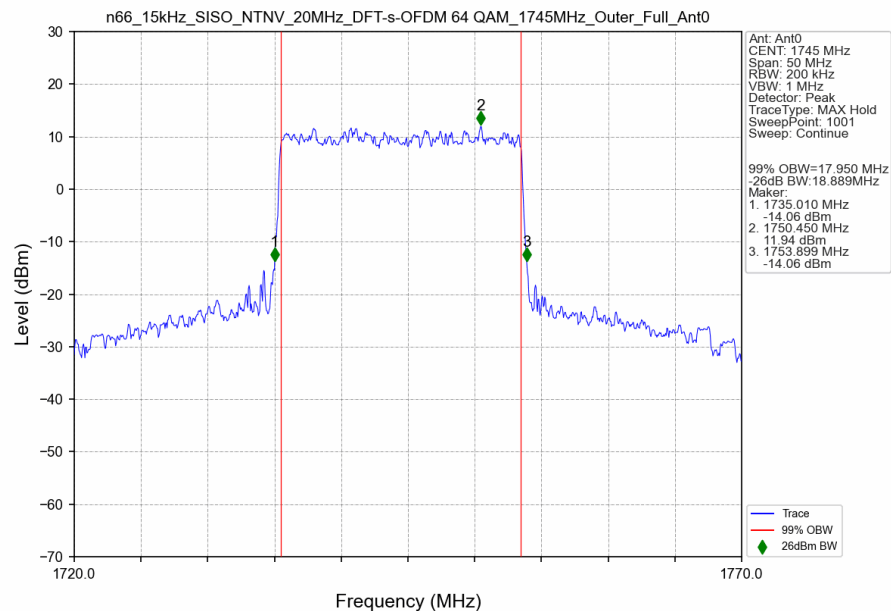




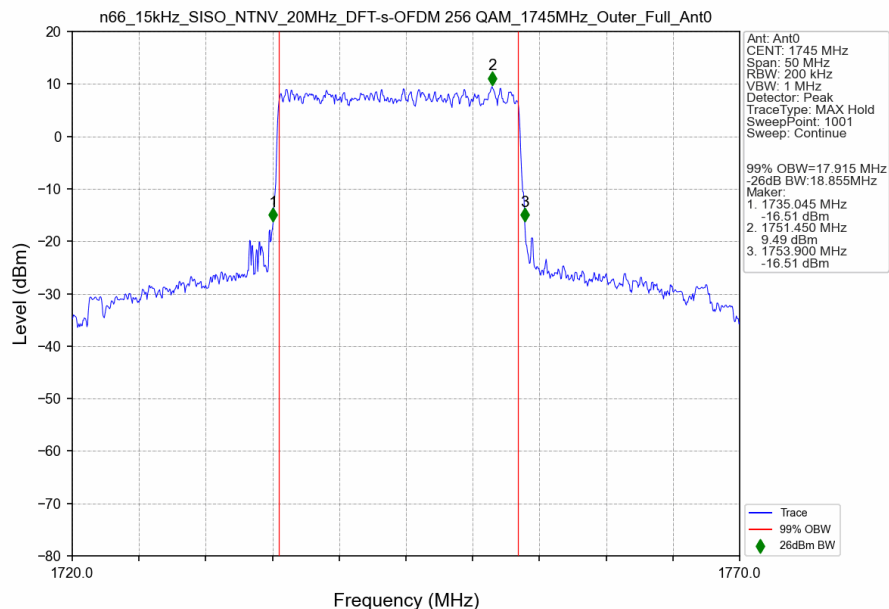
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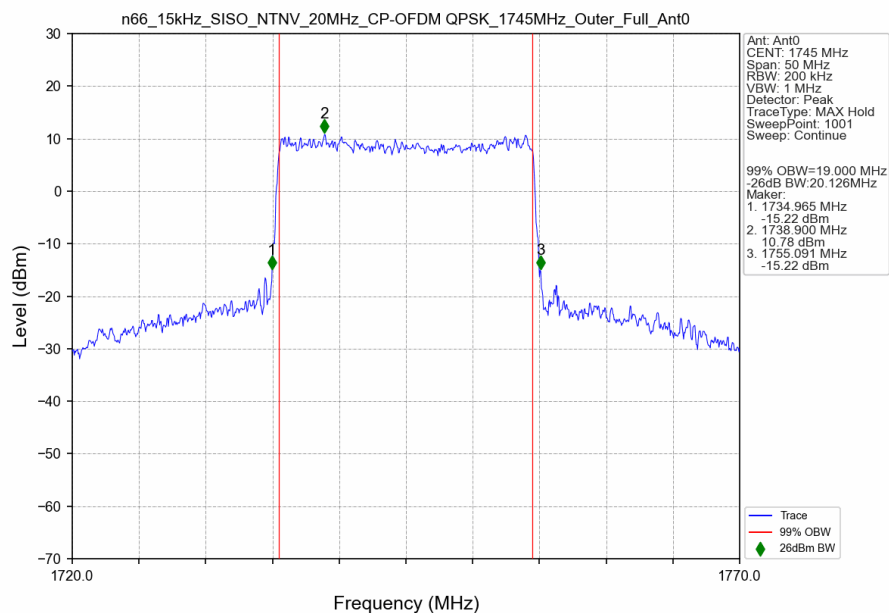
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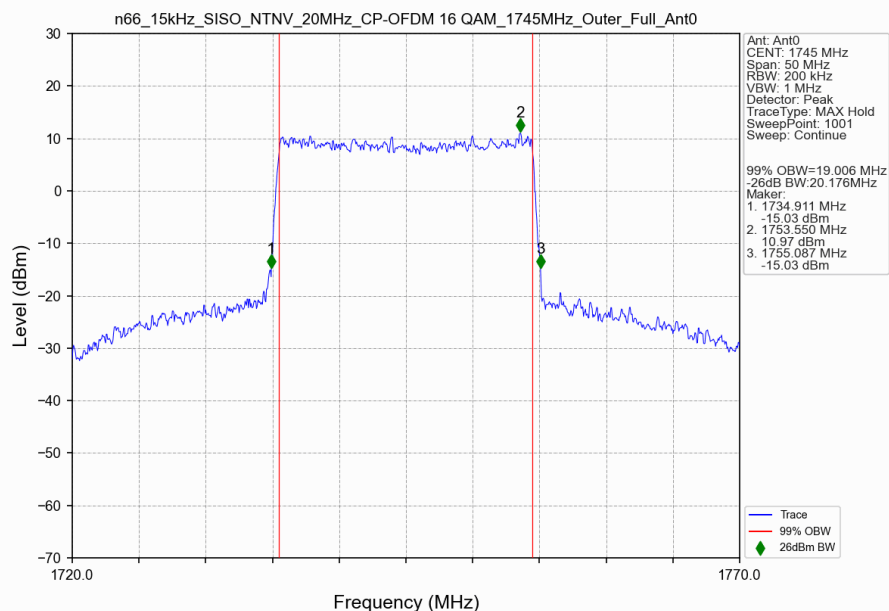
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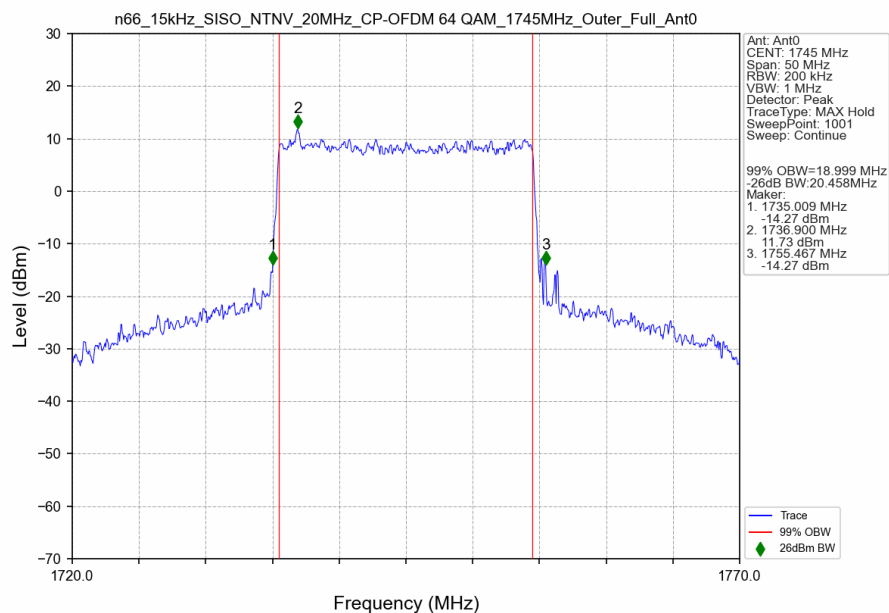
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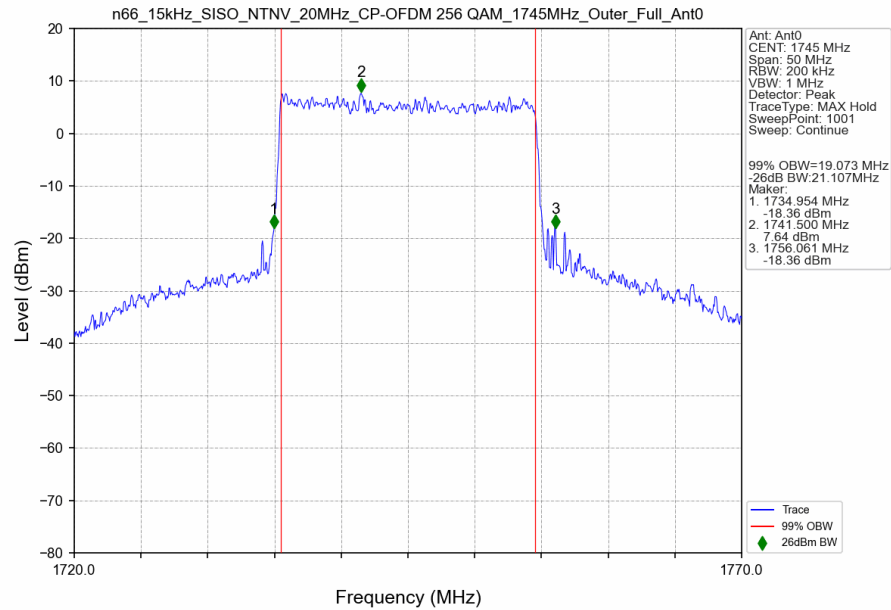
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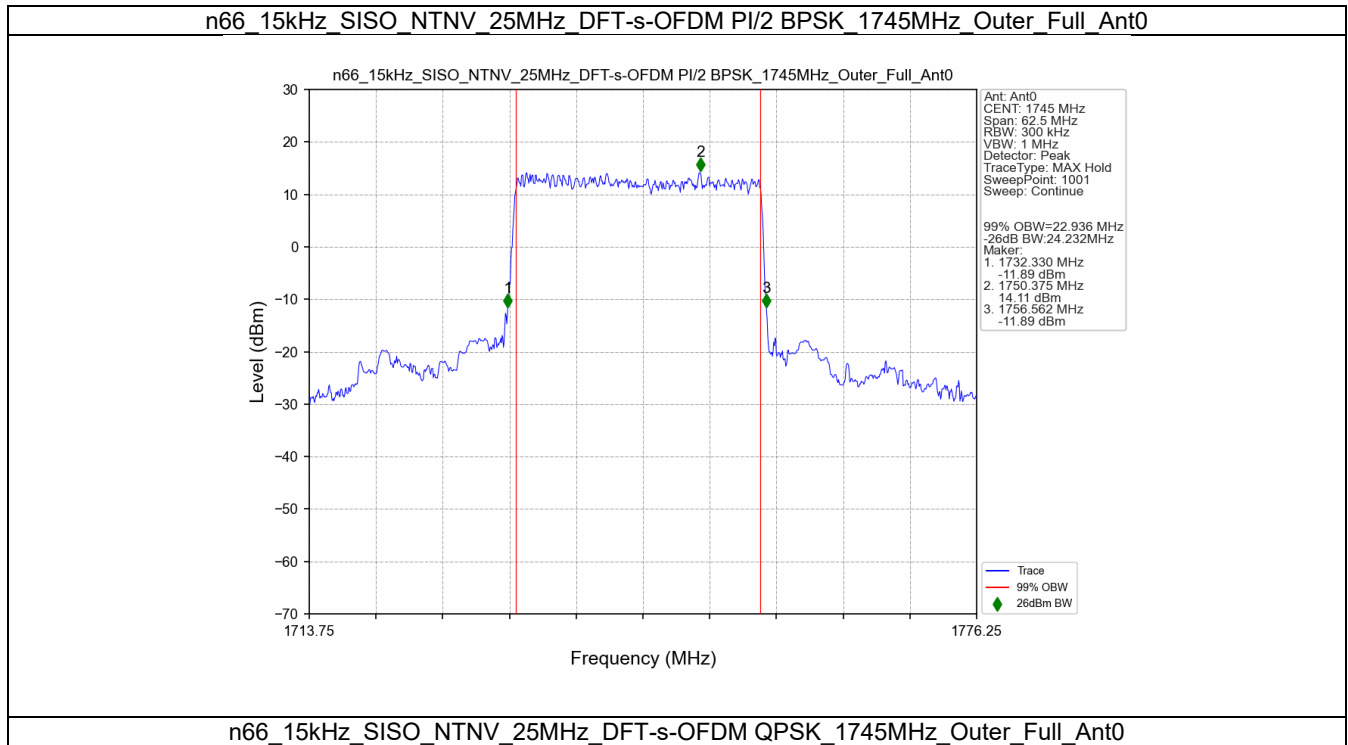
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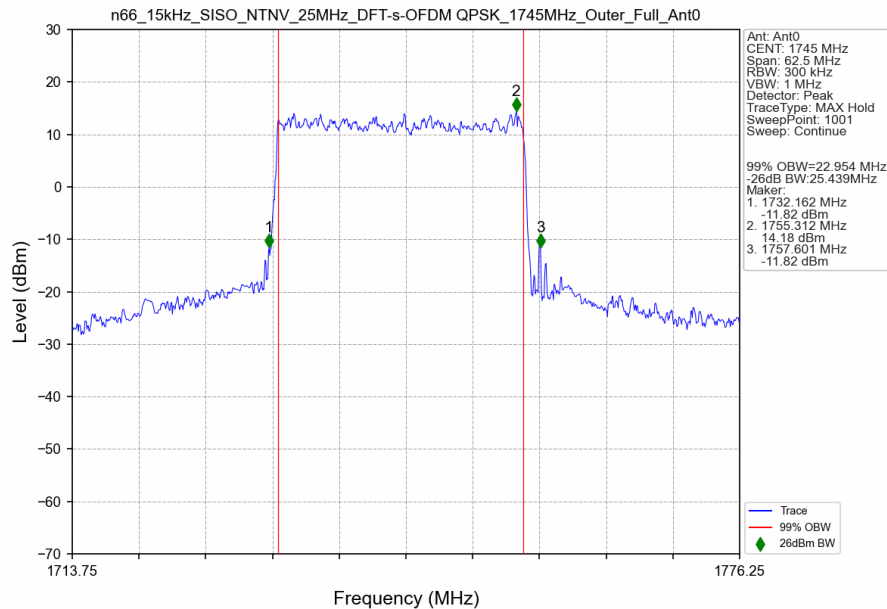


n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1745MHz_Outer_Full_Ant0

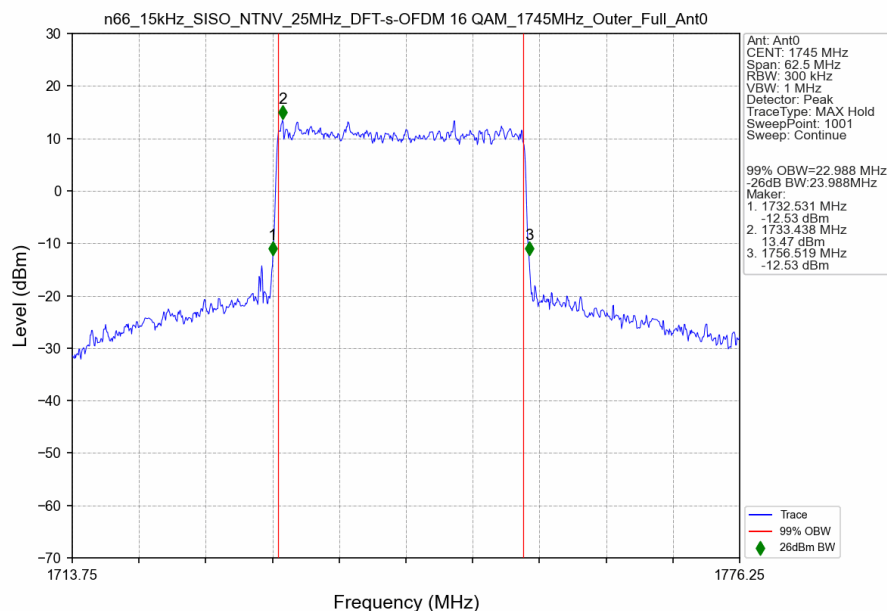


3.2.5 15_S_25M_NTNV

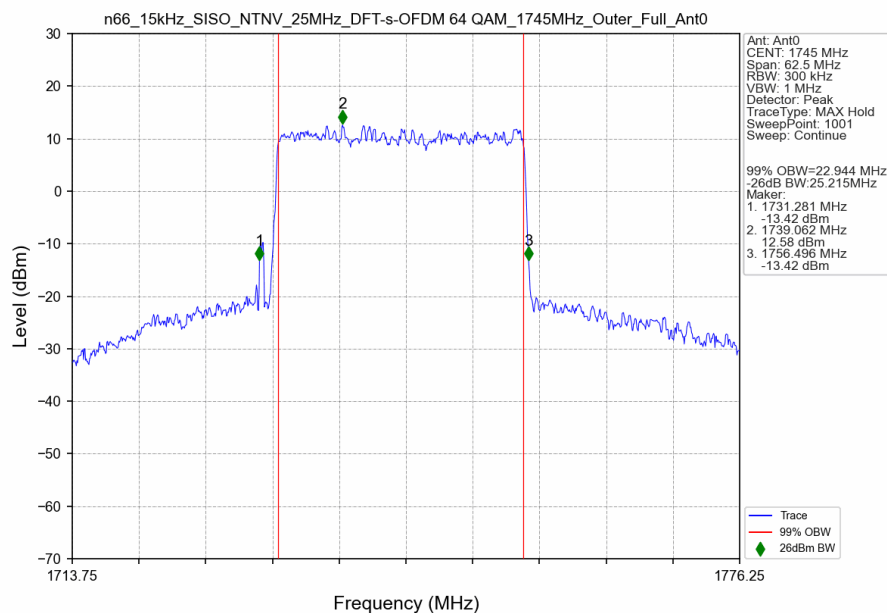




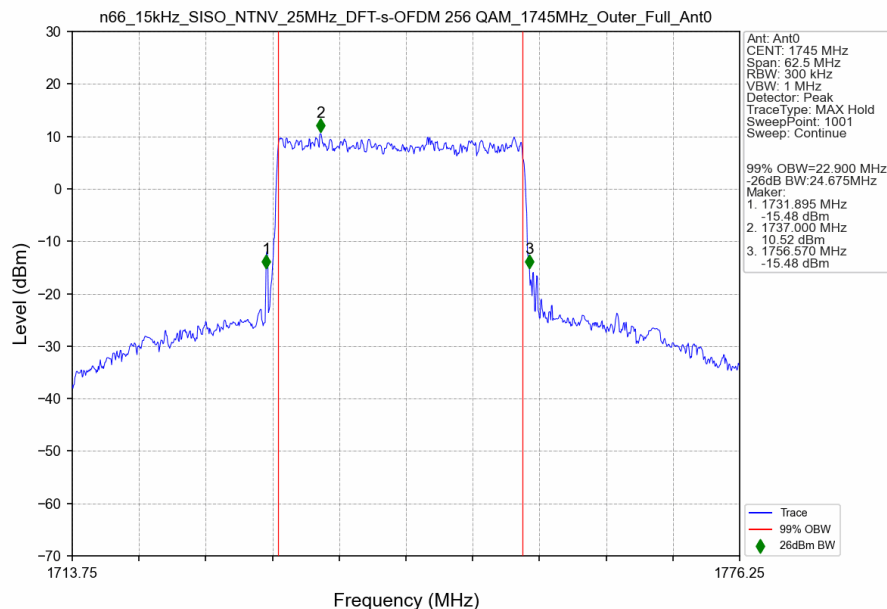
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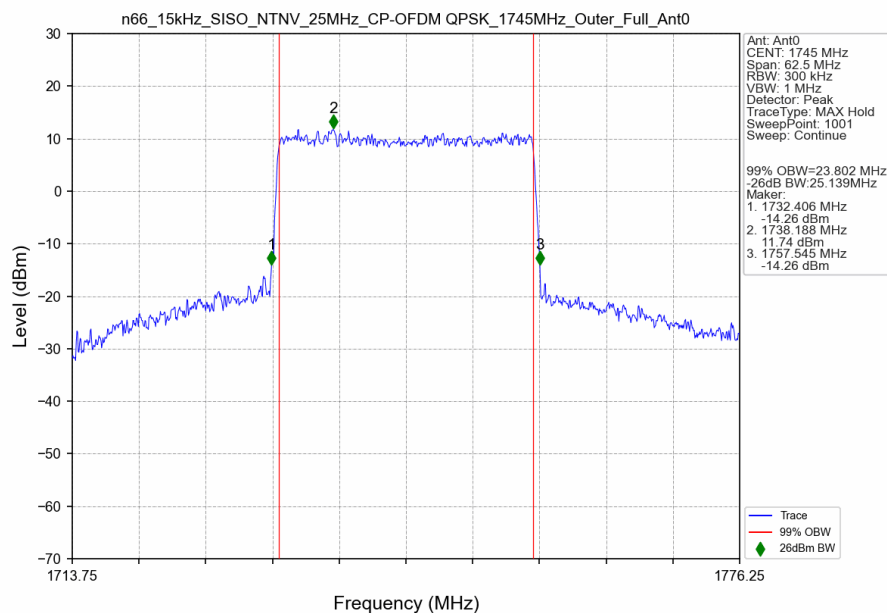
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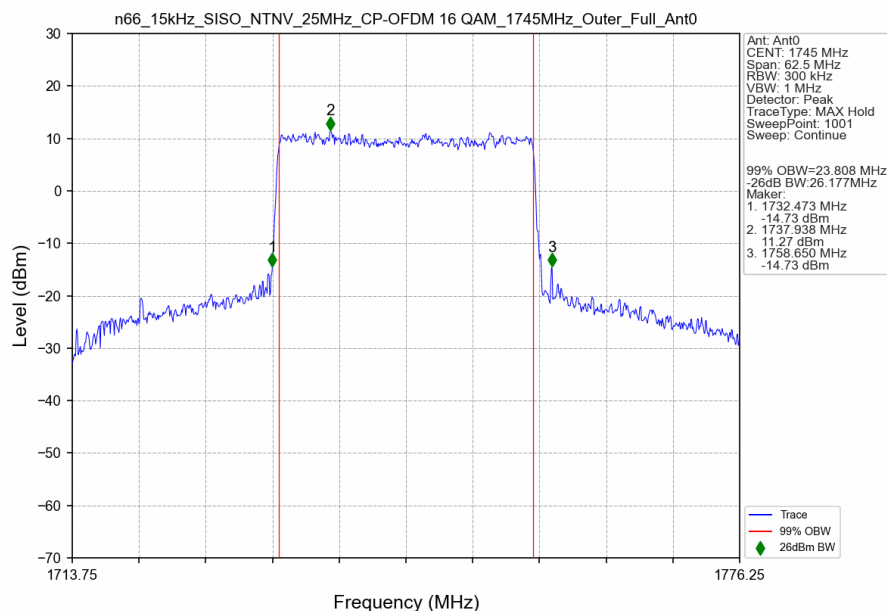
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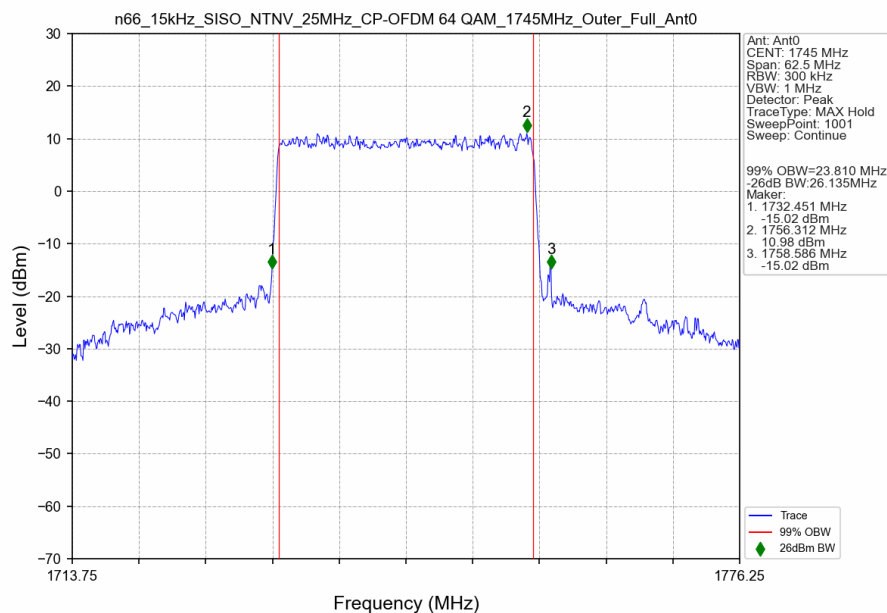
n66_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK 1745MHz_Outer_Full_Ant0



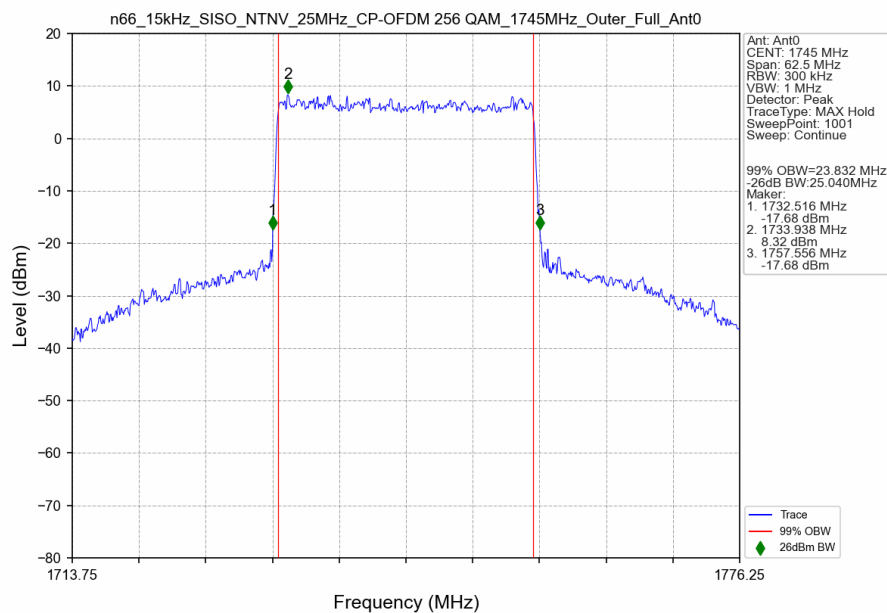
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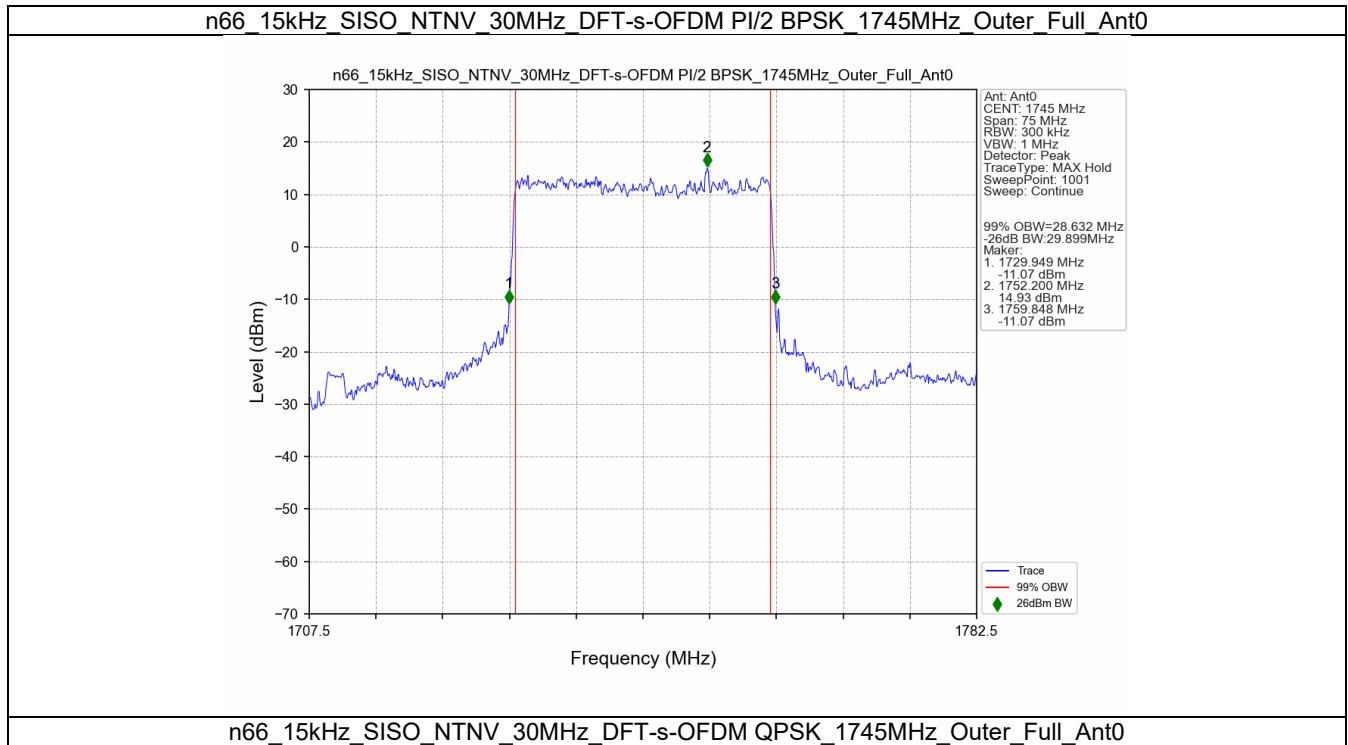
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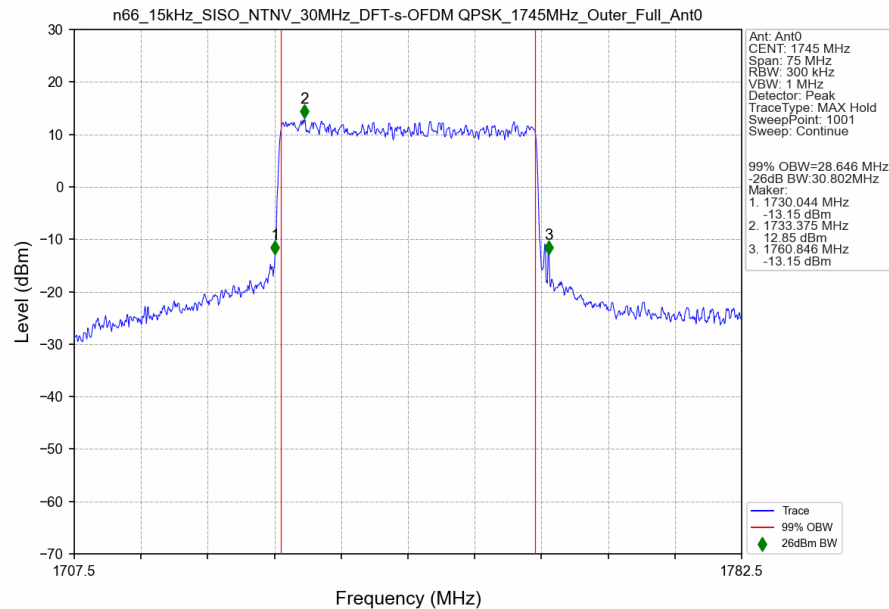


n66_15kHz_SISO_NTNV_25MHz_CP-OFDM 256 QAM_1745MHz_Outer_Full_Ant0

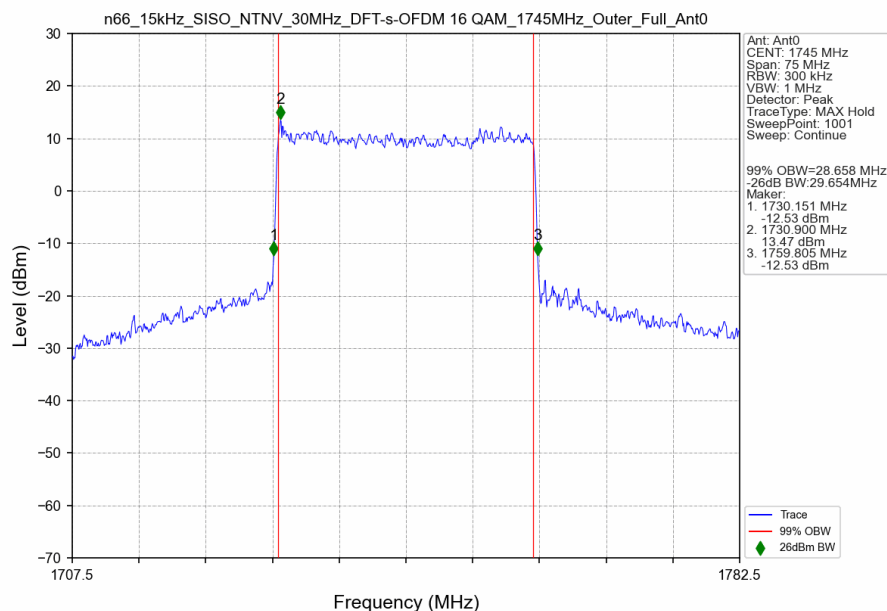


3.2.6 15_S_30M_NTNV

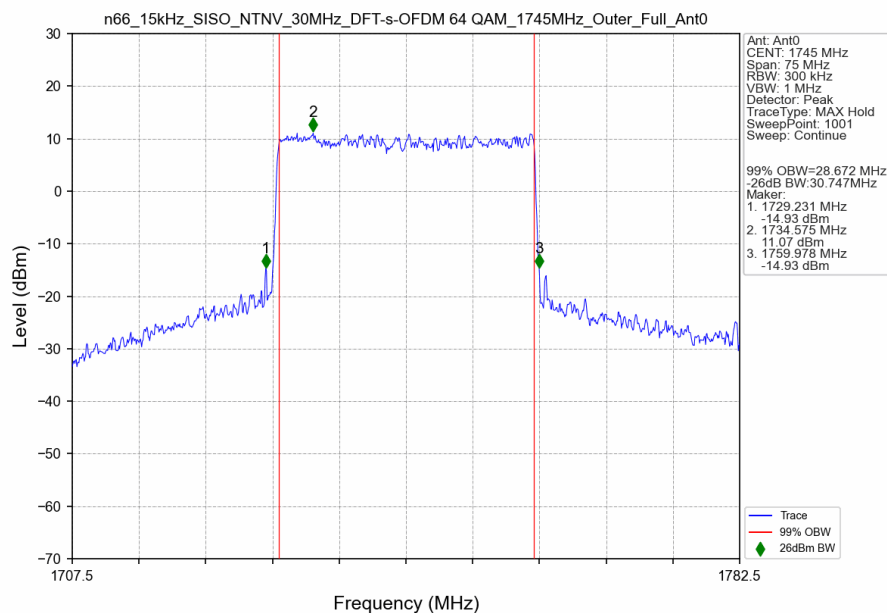




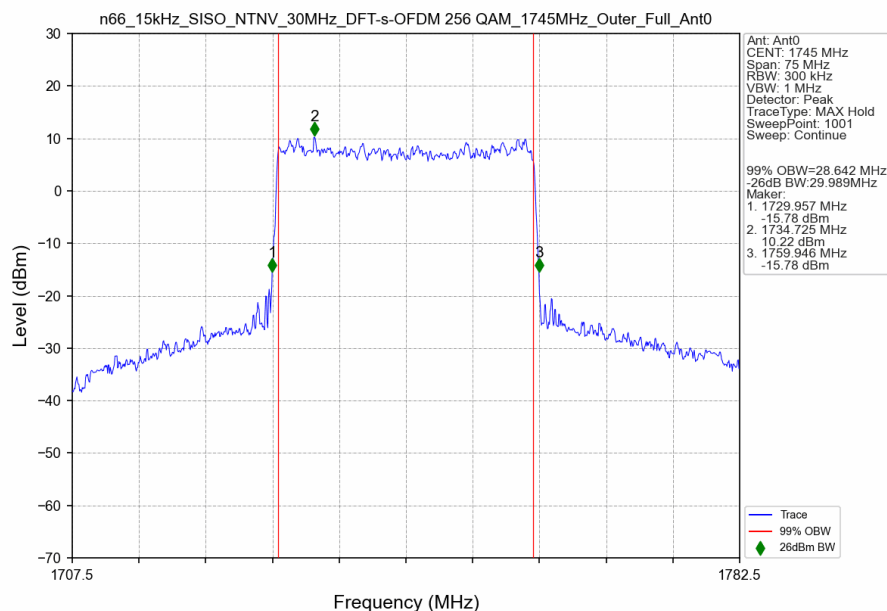
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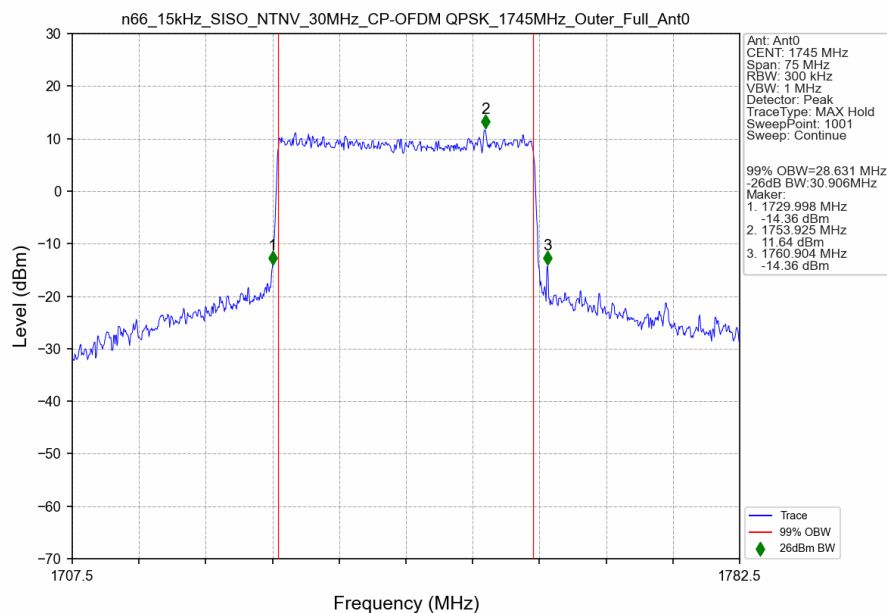
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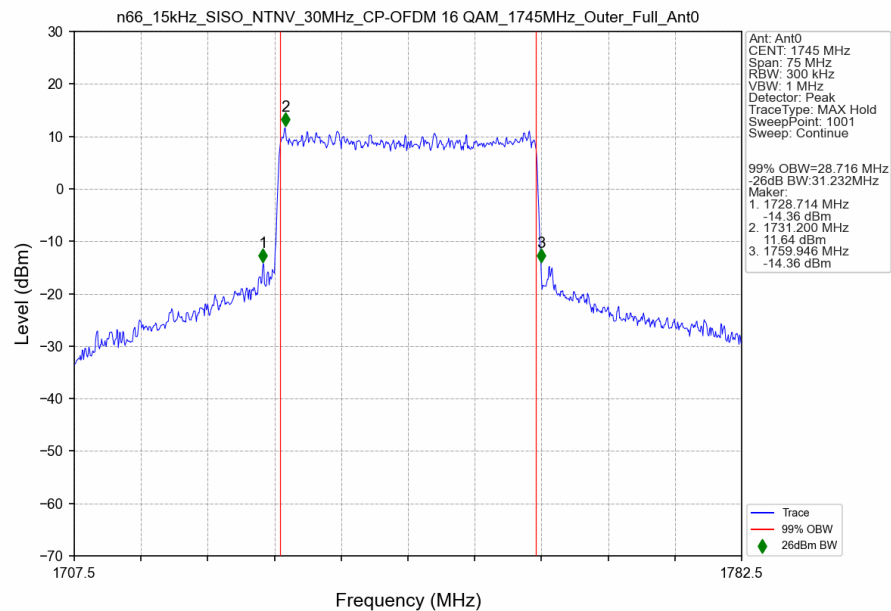
n66_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM 1745MHz_Outer_Full_Ant0



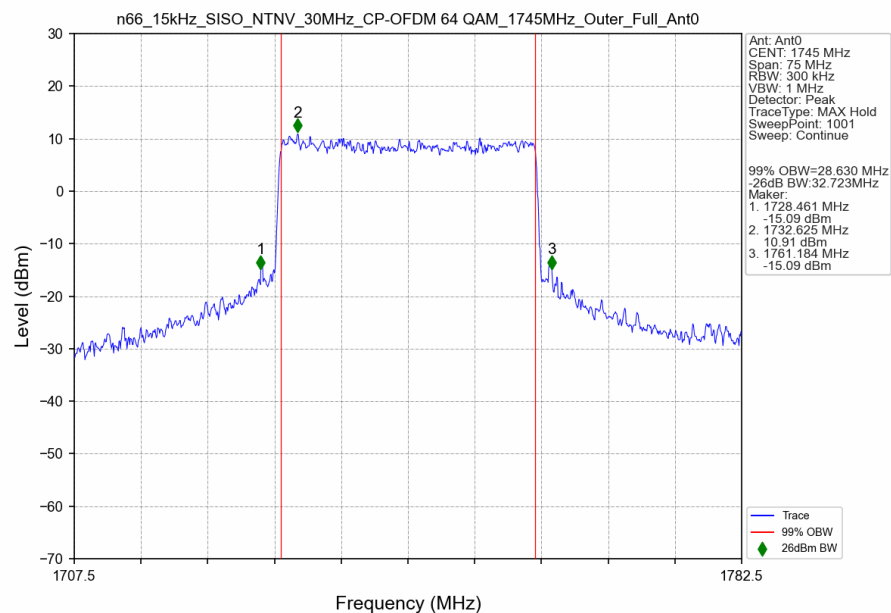
n66_15kHz_SISO_NTNV_30MHz_CP-OFDM QPSK 1745MHz_Outer_Full_Ant0



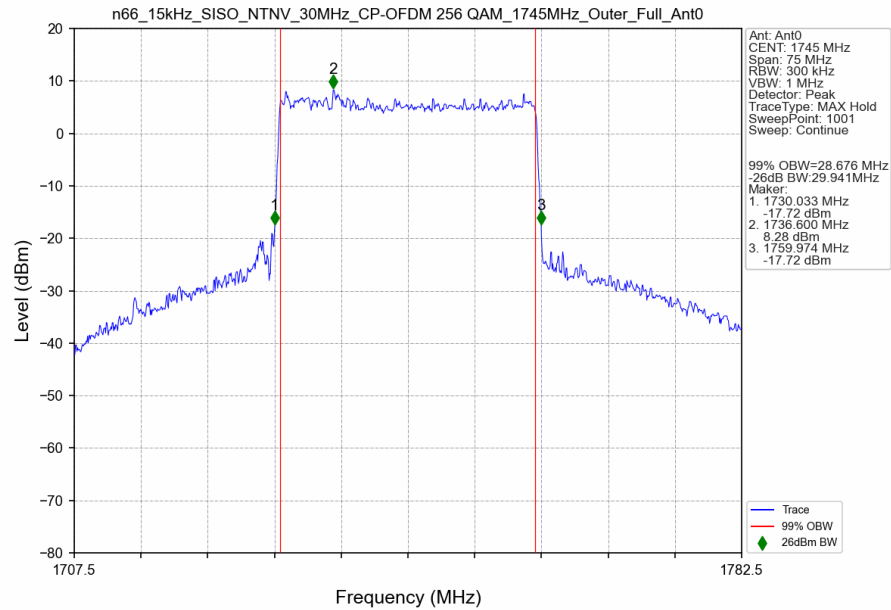
n66_15kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_1745MHz_Outer_Full_Ant0



n66_15kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_1745MHz_Outer_Full_Ant0



n66_15kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_1745MHz_Outer_Full_Ant0





4. Peak-Average Ratio

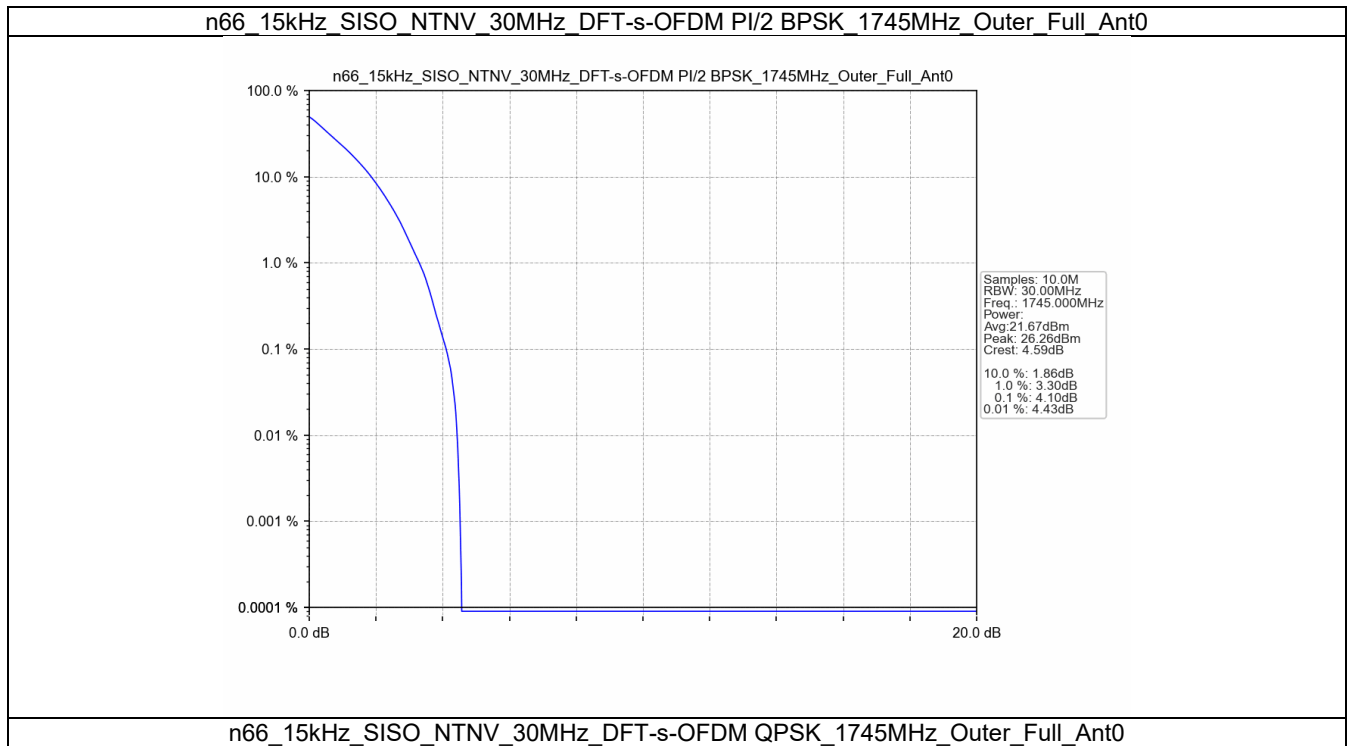
4.1 Test Result

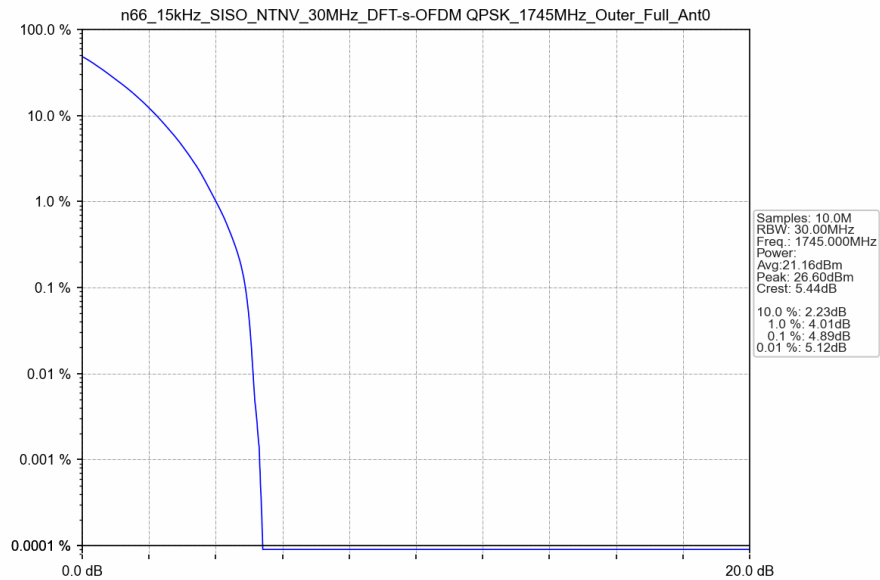
4.1.1 15_S_30M_NTNV

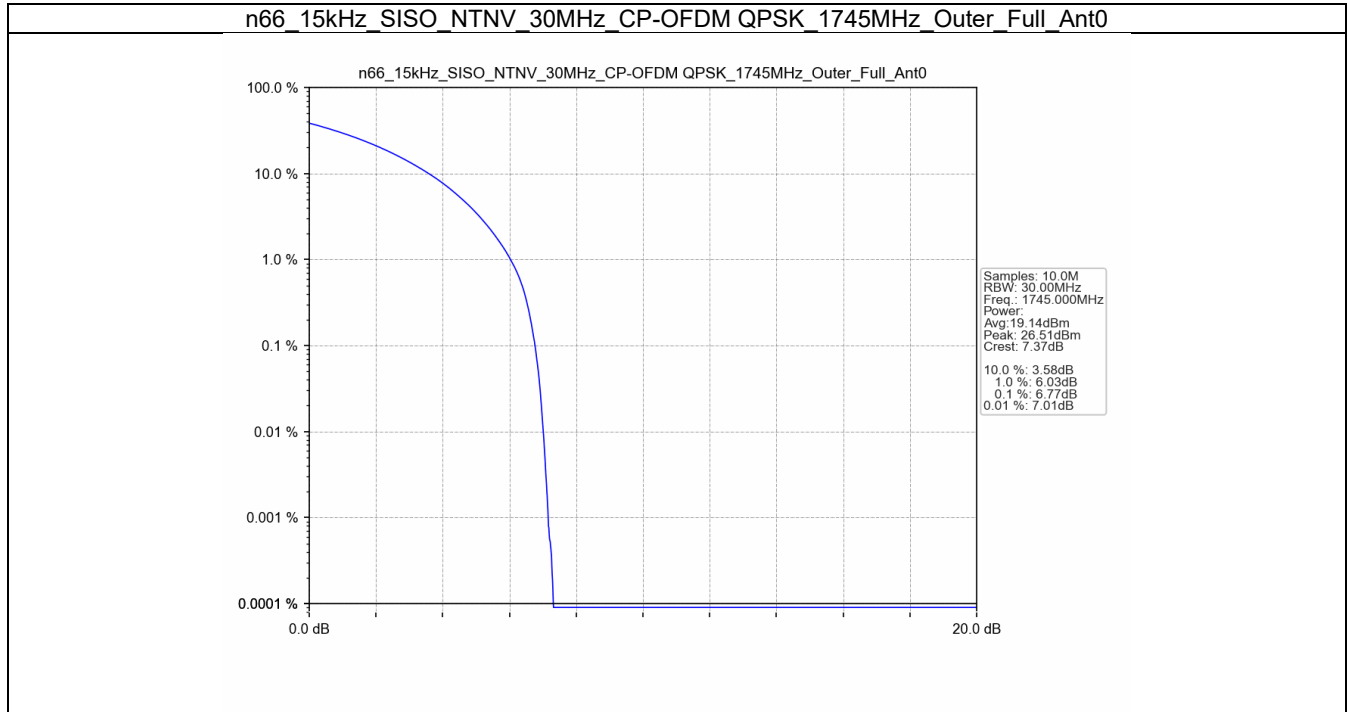
5G NR n66 SCS=15kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1745	Outer_Full	4.10	/	/	<=13	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	4.89	/	/	<=13	Pass
CP-OFDM QPSK	1745	Outer_Full	6.77	/	/	<=13	Pass

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 n66 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1712.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
		1777.5	Edge_1RB_Right	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	DFT-s-OFDM QPSK	1712.5	Edge_1RB_Left	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
1745		Edge_1RB_Left	Refer To Test Graph				Pass
		1777.5	Edge_1RB_Right	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
CP-OFDM QPSK		1712.5	Edge_1RB_Left	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
		1777.5	Edge_1RB_Right	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass

5.1.2 15_S_20M_NTNV

5G NR n66 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1720	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
		1770	Edge_1RB_Right	Refer To Test Graph			
			Outer_Full	Refer To Test Graph			
	DFT-s-OFDM QPSK	1720	Edge_1RB_Left	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
1745		Edge_1RB_Left	Refer To Test Graph				Pass
		1770	Edge_1RB_Right	Refer To Test Graph			
			Outer_Full	Refer To Test Graph			
CP-OFDM QPSK		1720	Edge_1RB_Left	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
		1770	Edge_1RB_Right	Refer To Test Graph			
			Outer_Full	Refer To Test Graph			



5.1.3 15_S_30M_NTNV

5G NR n66 SCS=15kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1725	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1765	Outer_Full	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	1725	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1765	Outer_Full	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	1725	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1765	Outer_Full	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass