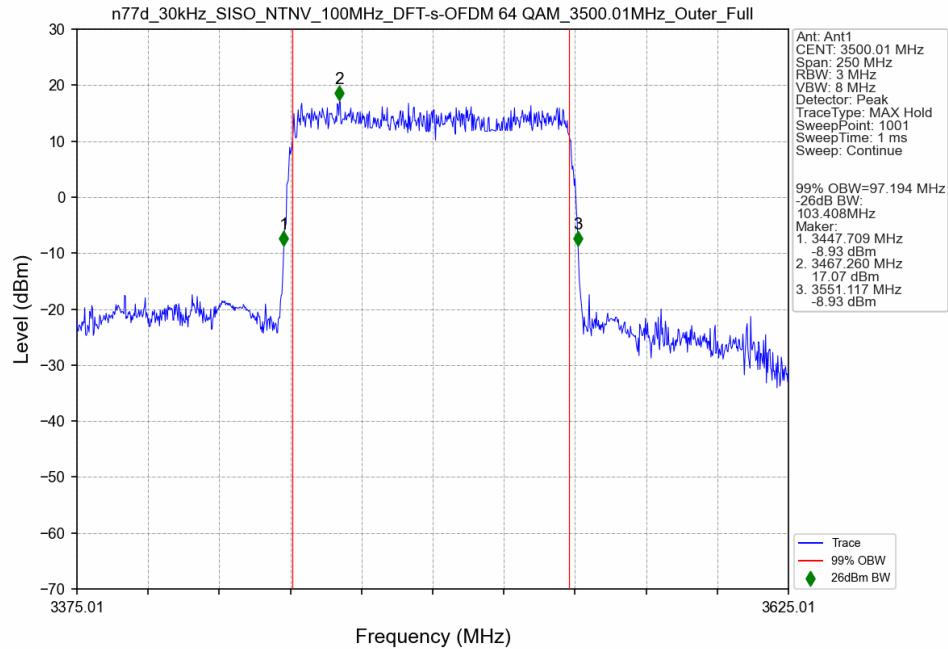
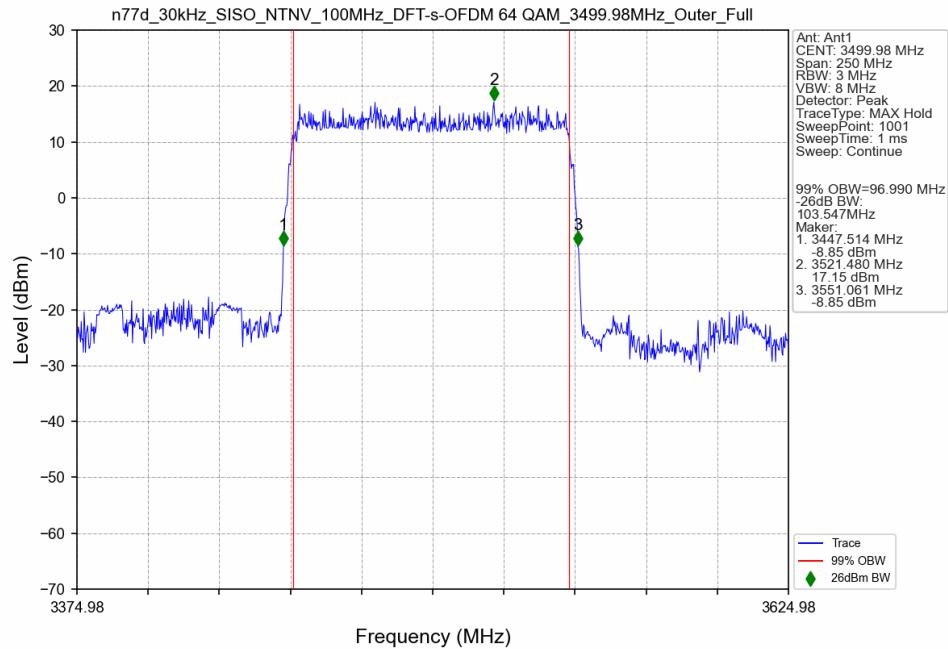


n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full



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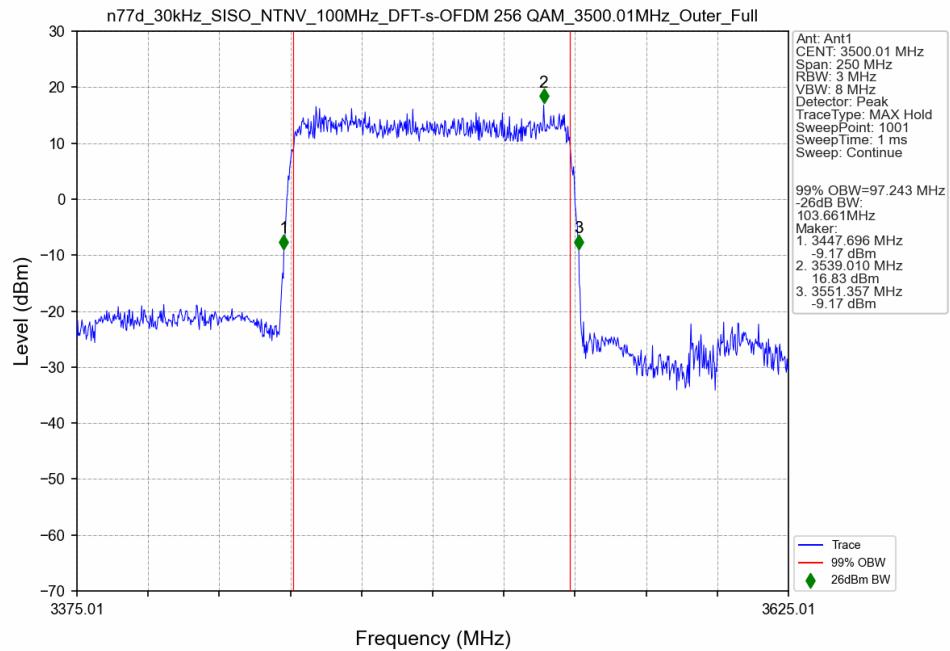
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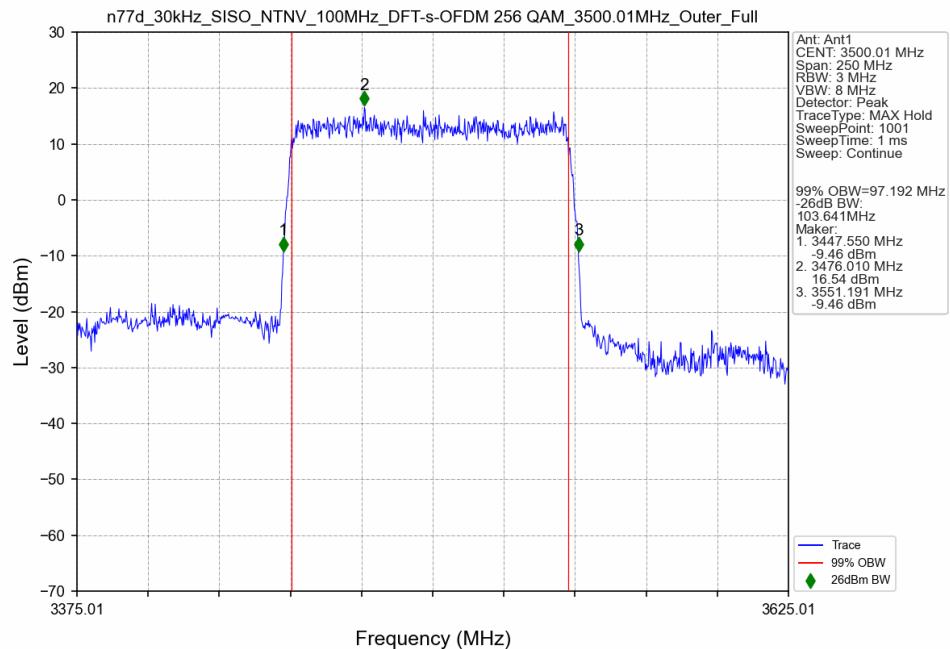
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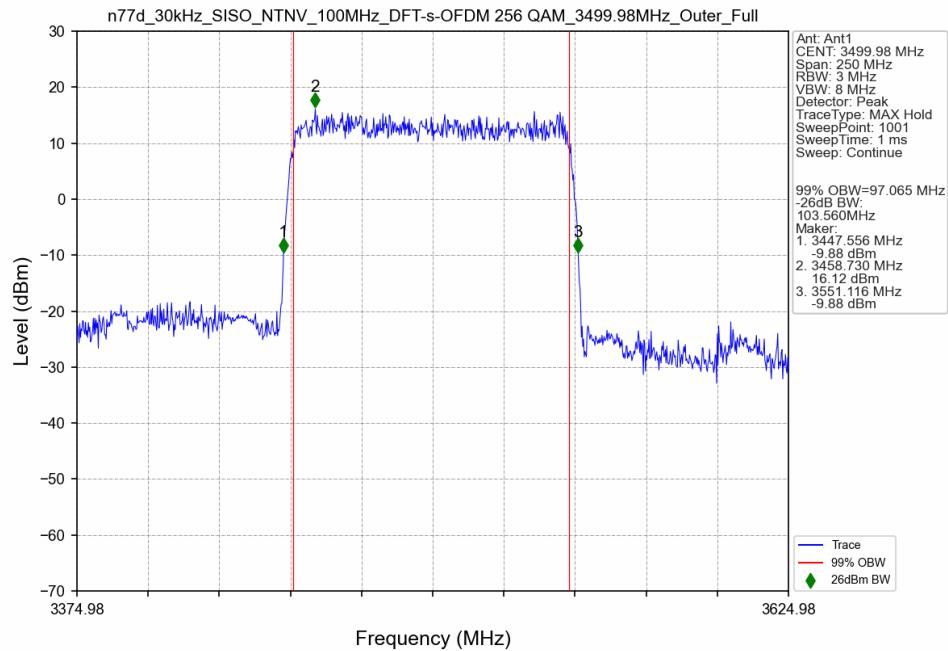


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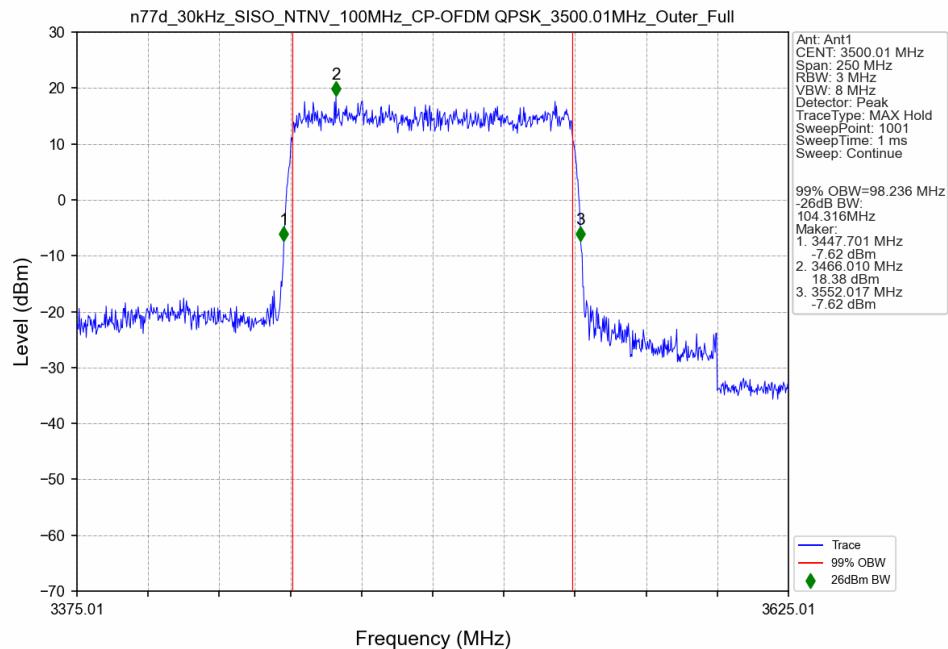
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n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 256 QAM_3499.98MHz_Outer_Full



n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full



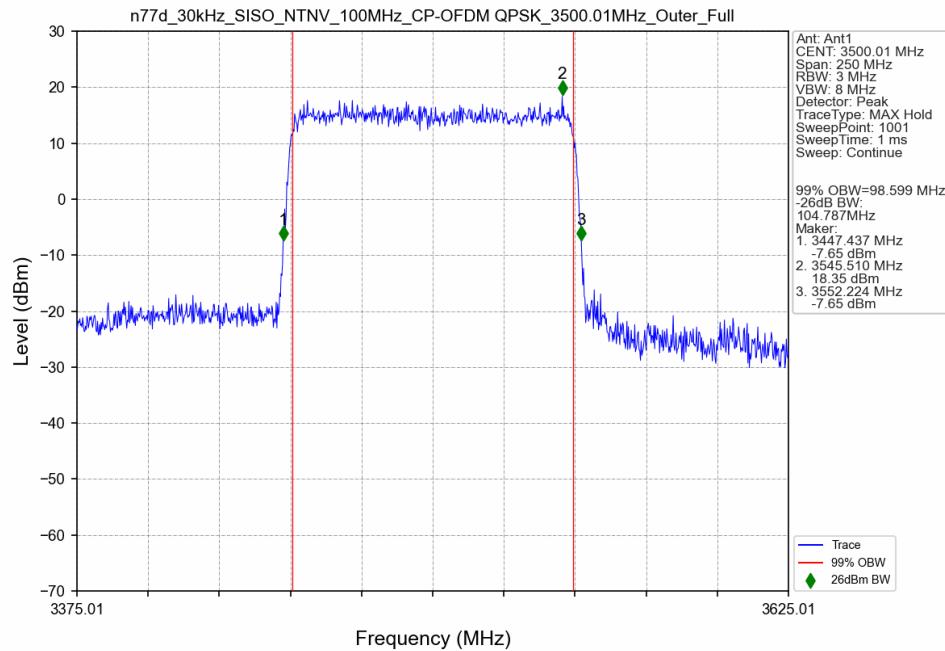
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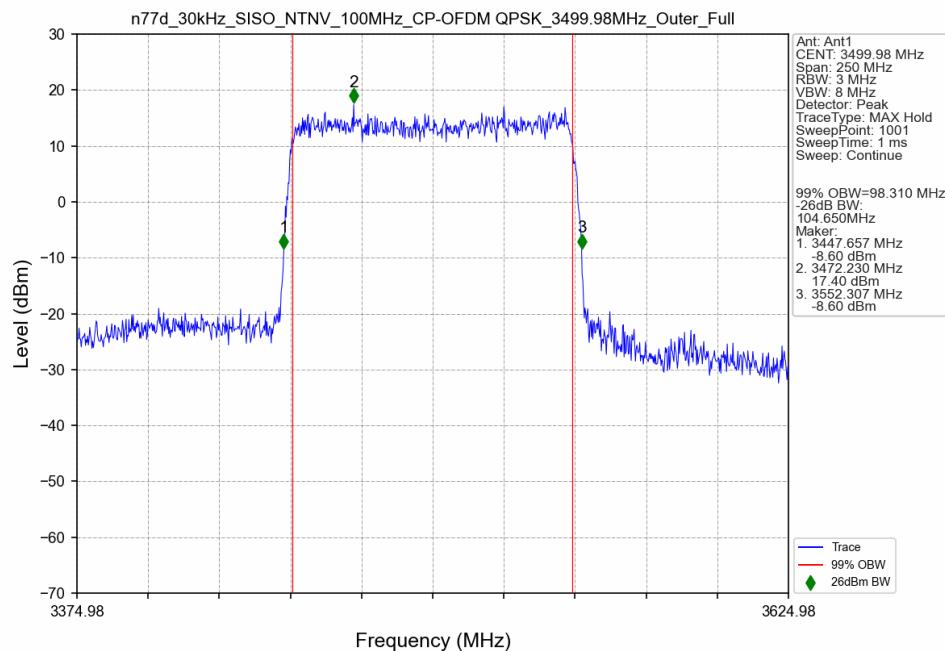
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n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full



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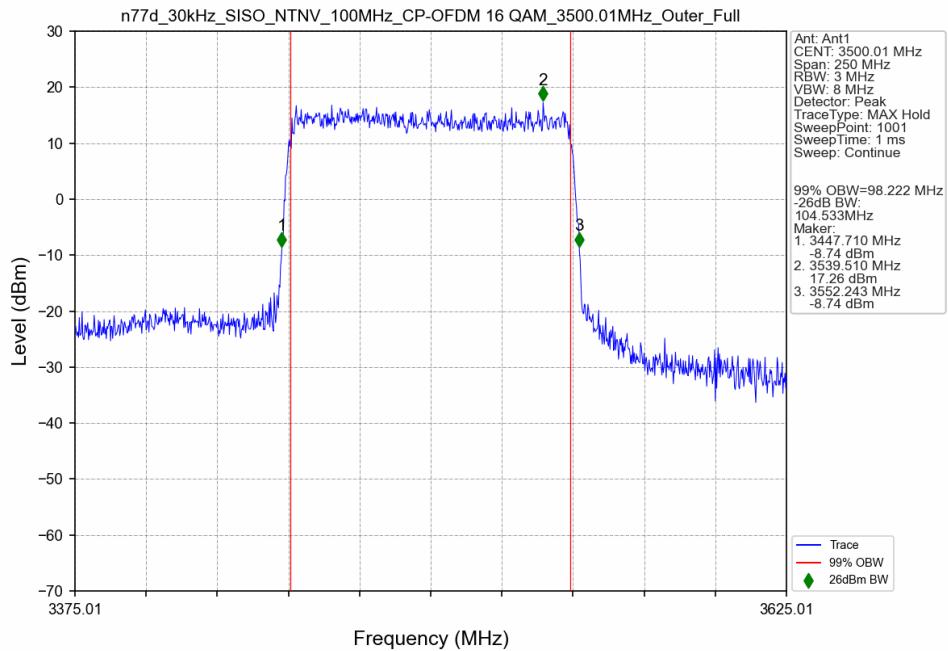


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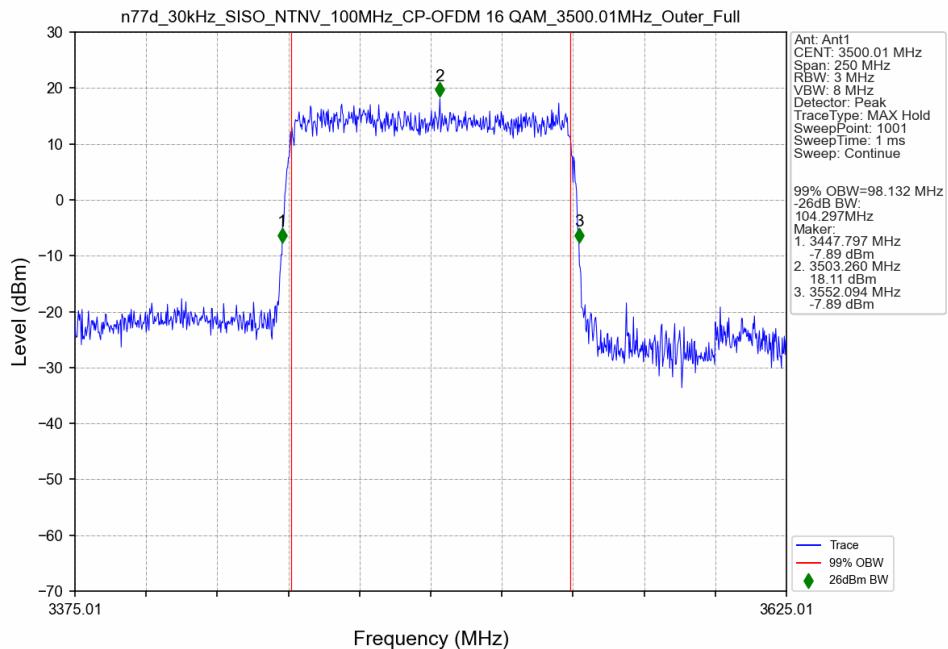
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n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full



n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full

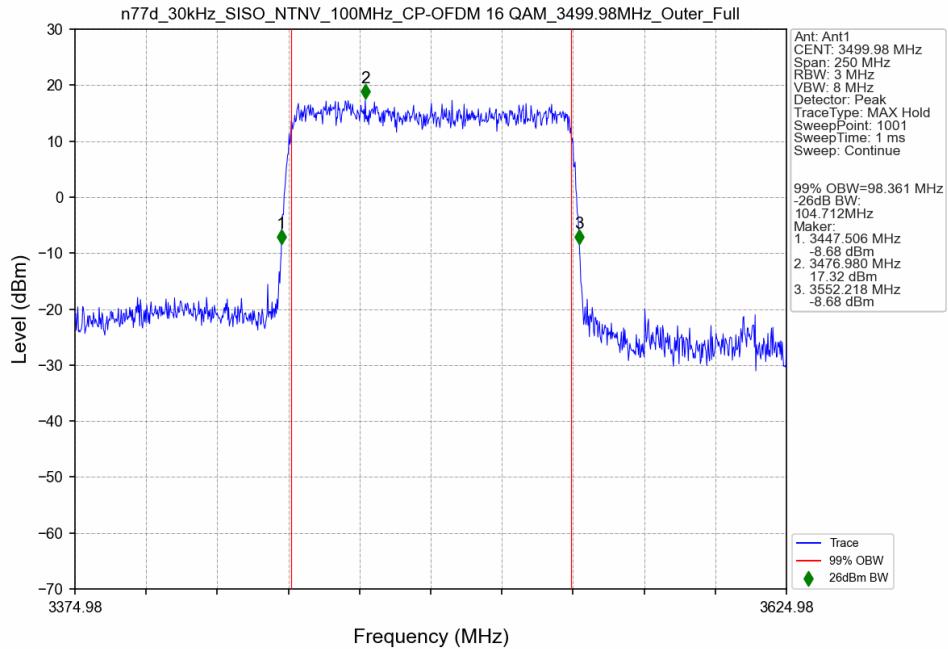


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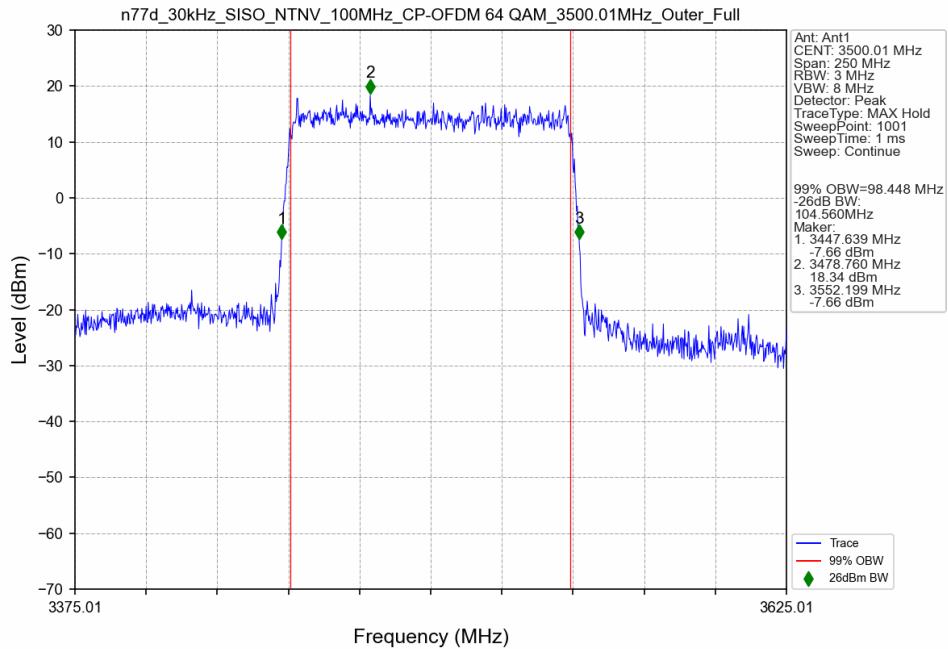
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n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3499.98MHz_Outer_Full



n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full



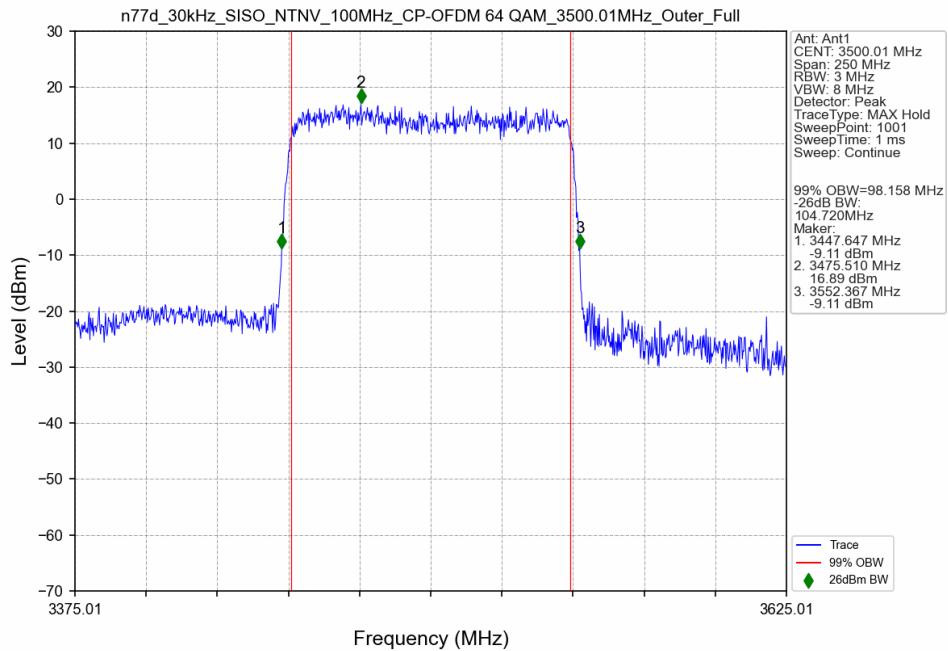
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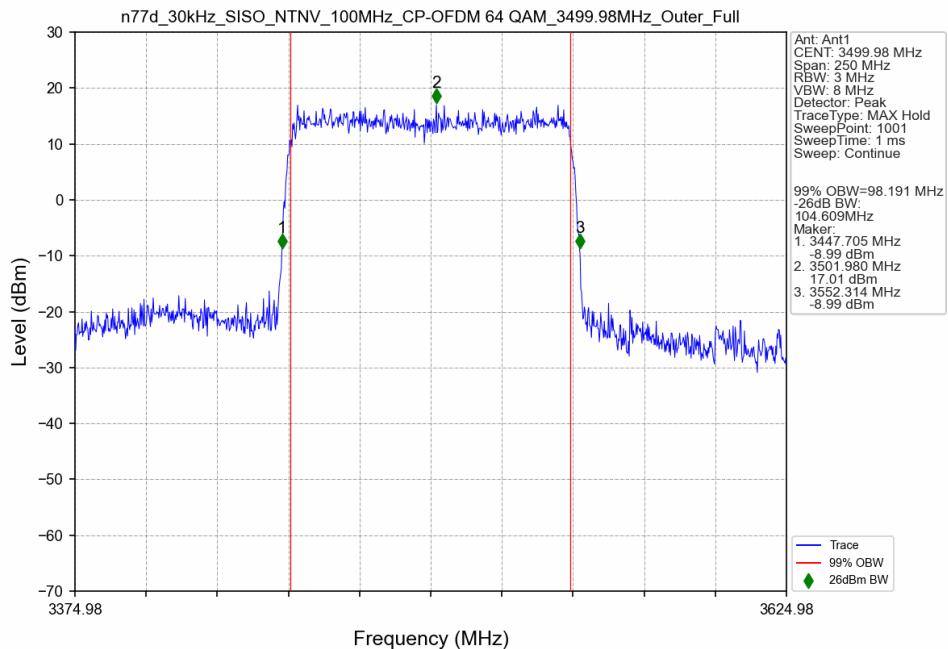
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n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full



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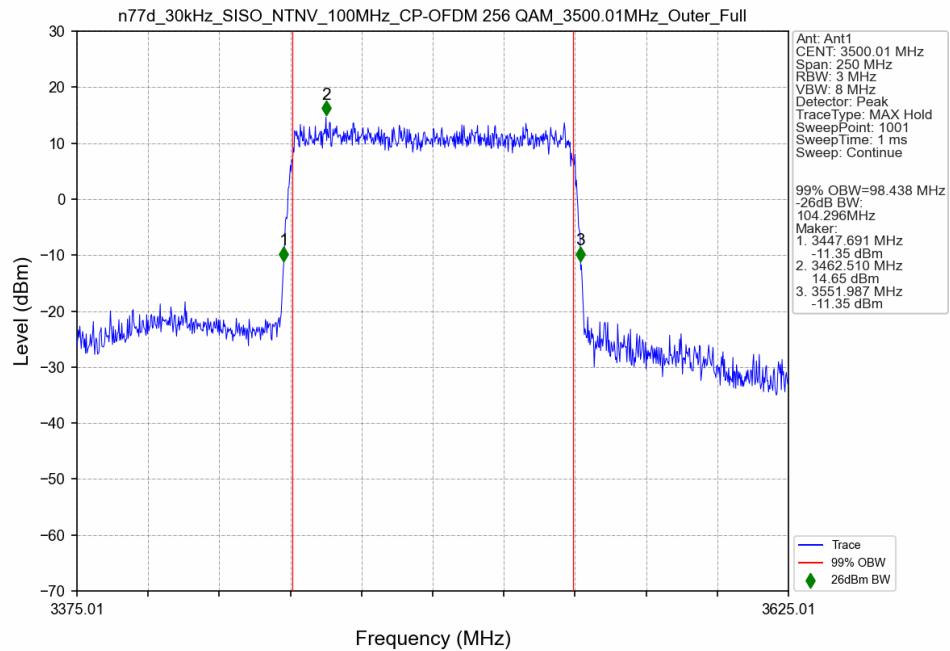
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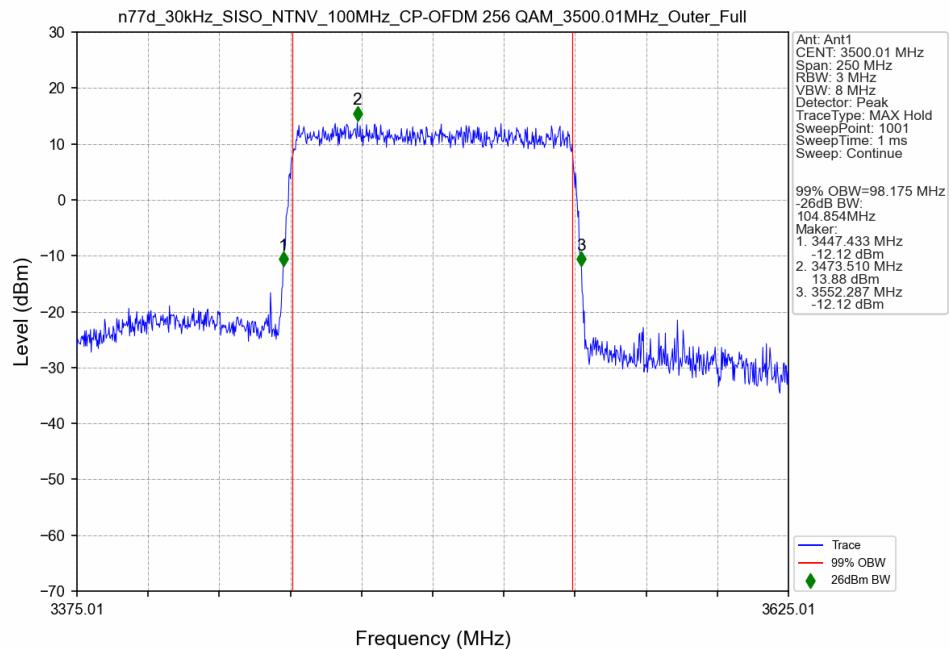
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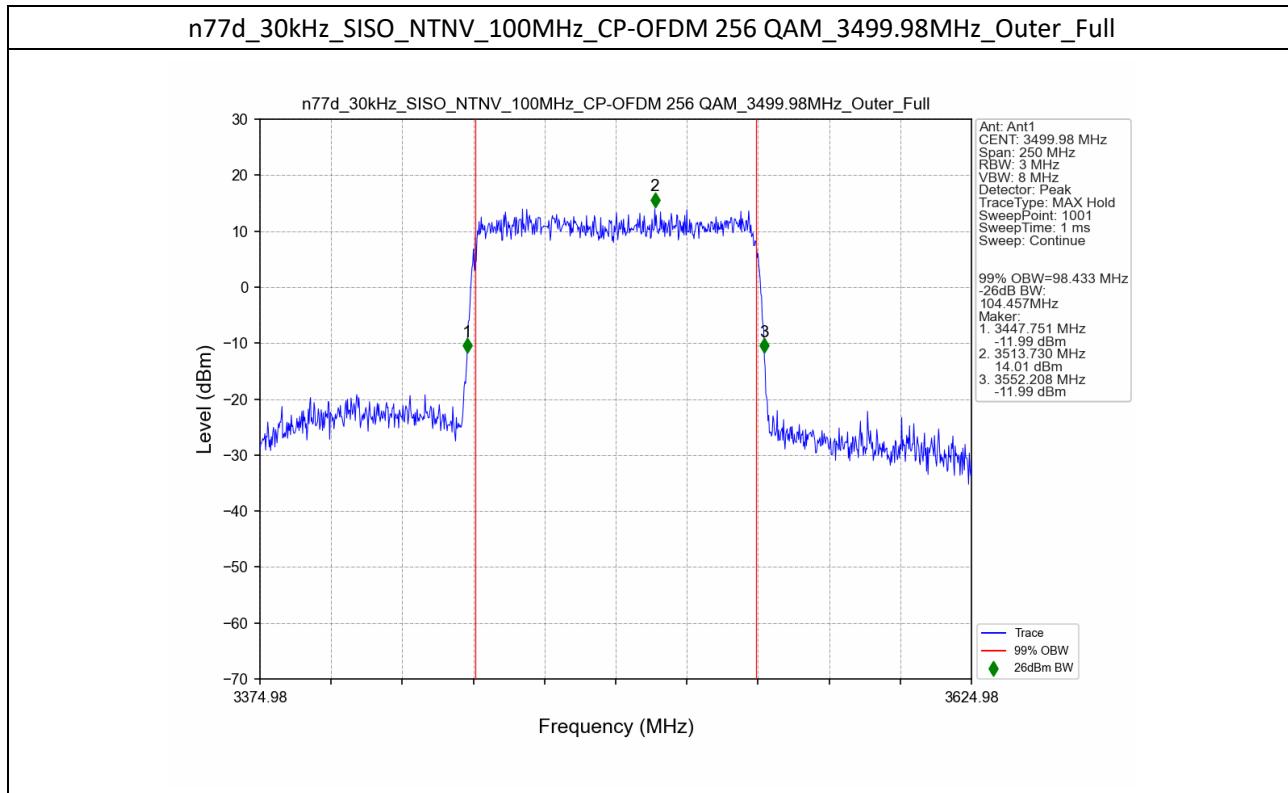
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4. Peak-Average Ratio

4.1 Test Result

4.1.1 30k_SISO_100MHz_NTNV

5G NR n77d SCS=30kHz SISO 100MHz NTVN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	6.10	/	/	<=13	Pass
	3500.01	Outer_Full	12.05	/	/	<=13	Pass
	3499.98	Outer_Full	12.48	/	/	<=13	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	7.21	/	/	<=13	Pass
	3500.01	Outer_Full	7.21	/	/	<=13	Pass
	3499.98	Outer_Full	7.21	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	7.61	/	/	<=13	Pass
	3500.01	Outer_Full	7.61	/	/	<=13	Pass
	3499.98	Outer_Full	7.61	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	7.67	/	/	<=13	Pass
	3500.01	Outer_Full	7.68	/	/	<=13	Pass
	3499.98	Outer_Full	7.68	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	7.69	/	/	<=13	Pass
	3500.01	Outer_Full	8.17	/	/	<=13	Pass
	3499.98	Outer_Full	7.69	/	/	<=13	Pass
CP-OFDM QPSK	3500.01	Outer_Full	8.76	/	/	<=13	Pass
	3500.01	Outer_Full	8.55	/	/	<=13	Pass
	3499.98	Outer_Full	8.31	/	/	<=13	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	8.29	/	/	<=13	Pass
	3500.01	Outer_Full	8.29	/	/	<=13	Pass
	3499.98	Outer_Full	8.28	/	/	<=13	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	8.79	/	/	<=13	Pass
	3500.01	Outer_Full	8.36	/	/	<=13	Pass
	3499.98	Outer_Full	8.81	/	/	<=13	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	8.43	/	/	<=13	Pass
	3500.01	Outer_Full	8.42	/	/	<=13	Pass
	3499.98	Outer_Full	8.43	/	/	<=13	Pass

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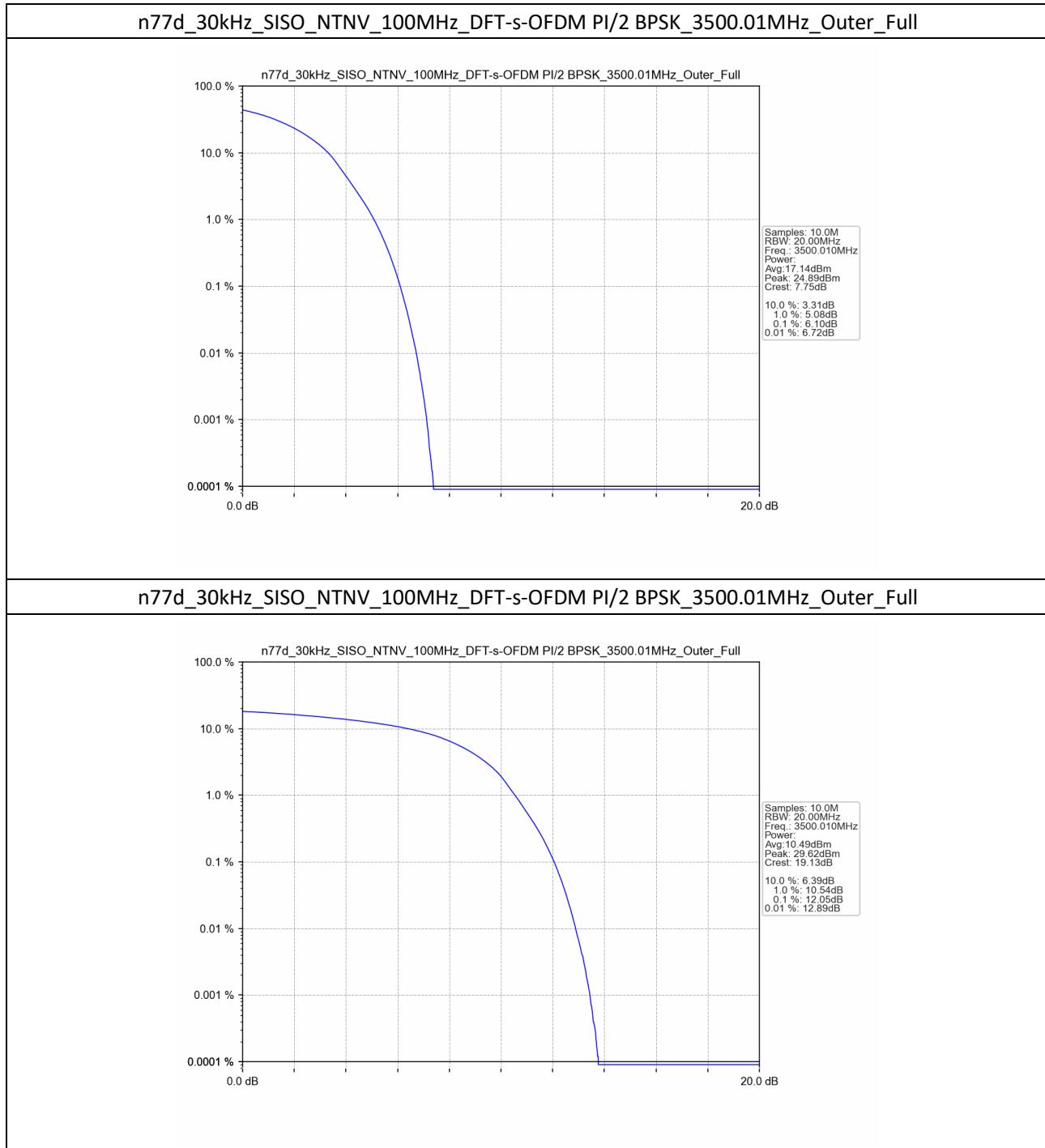
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4.2 Test Graph

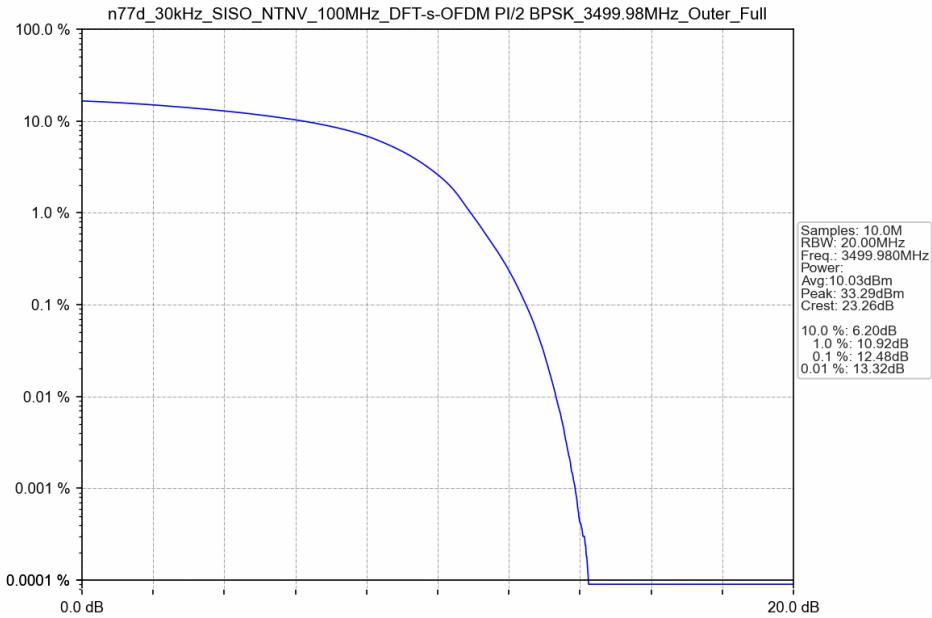
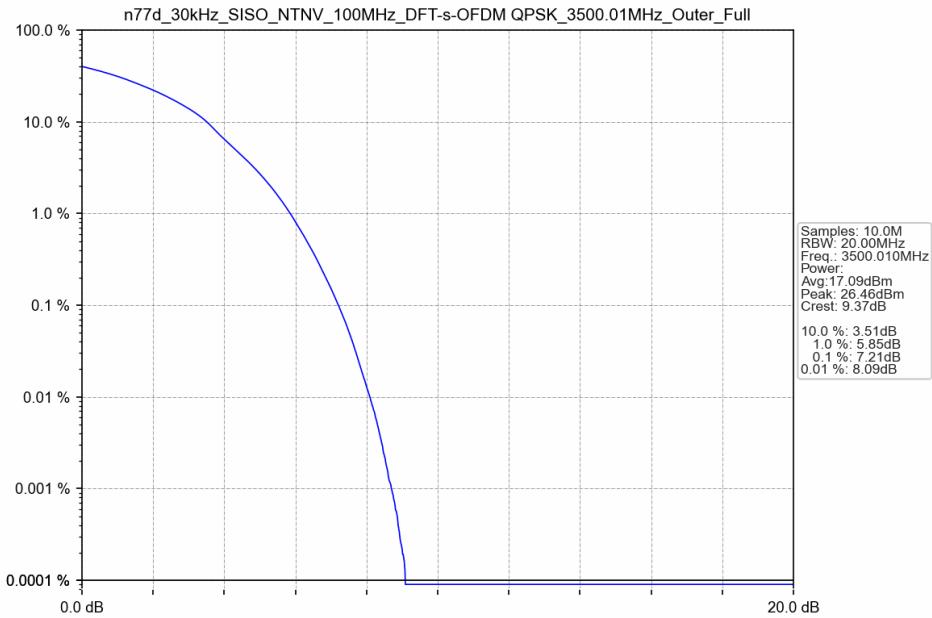
4.2.1 30k_SISO_100MHz_NTNV



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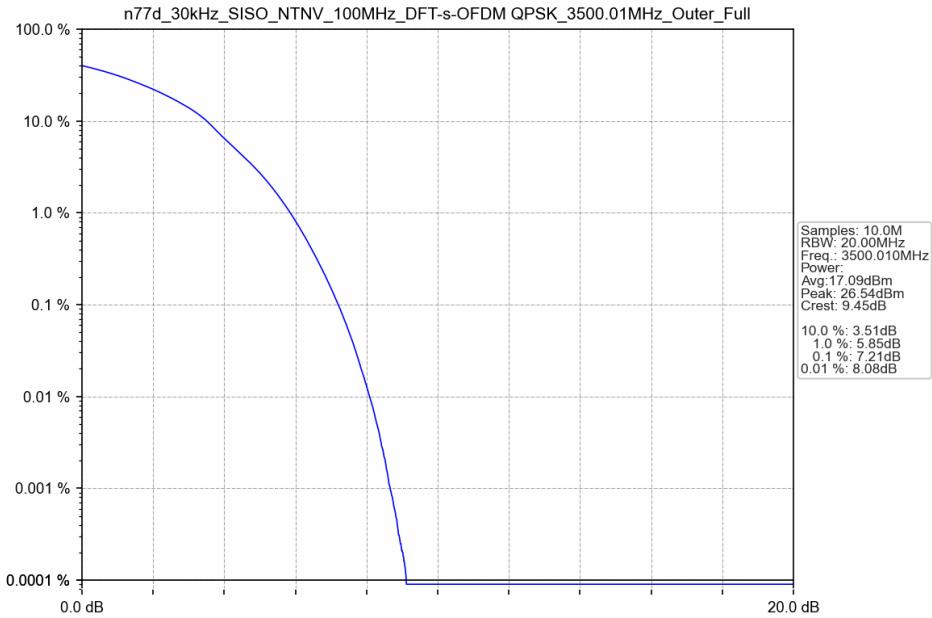
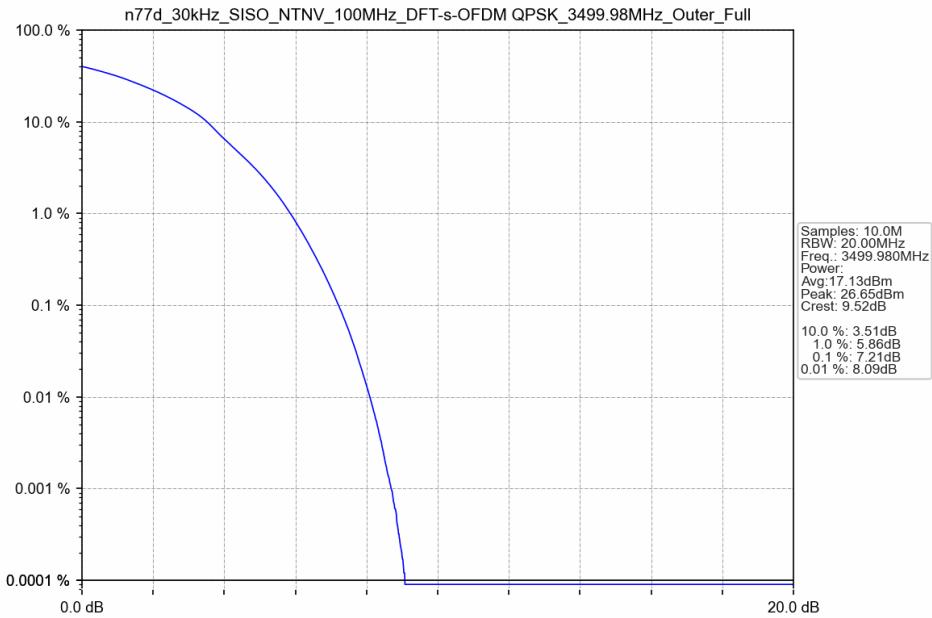
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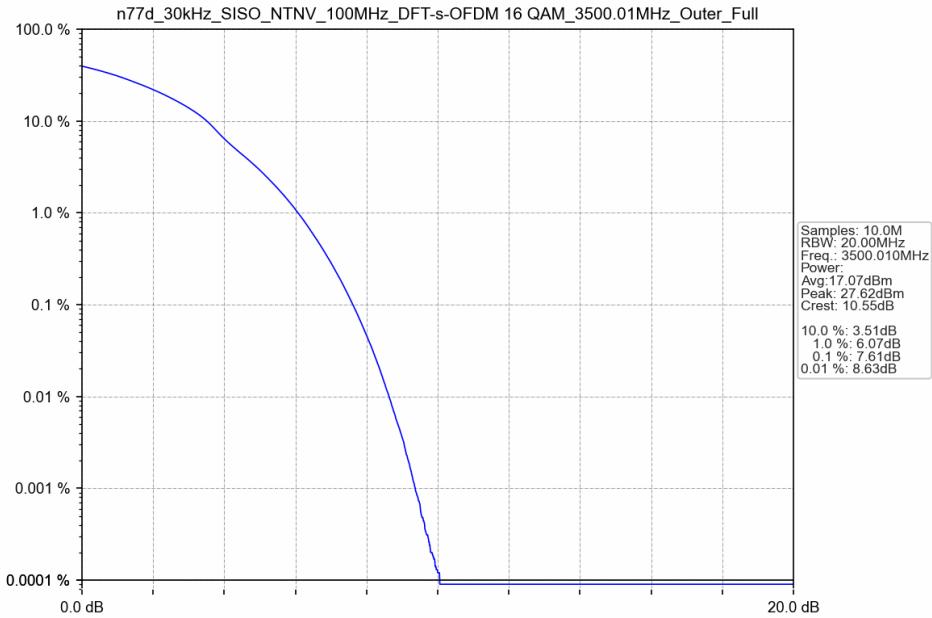
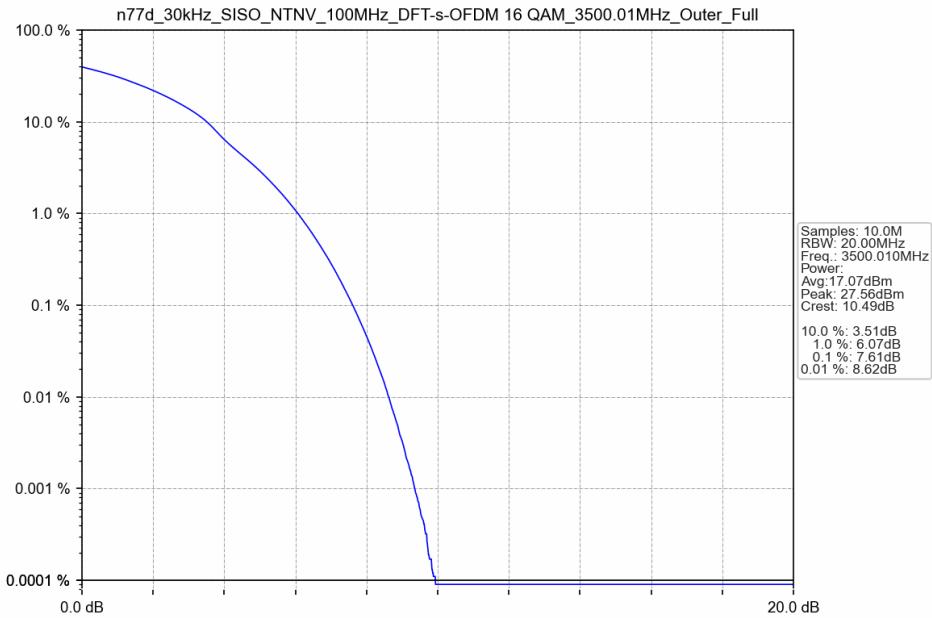
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n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full**n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3499.98MHz_Outer_Full**

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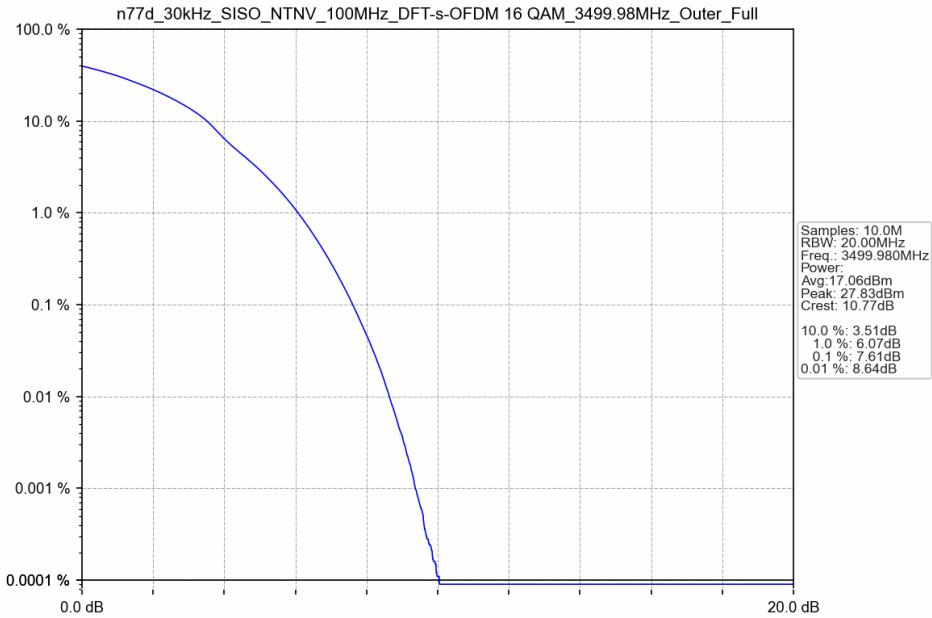
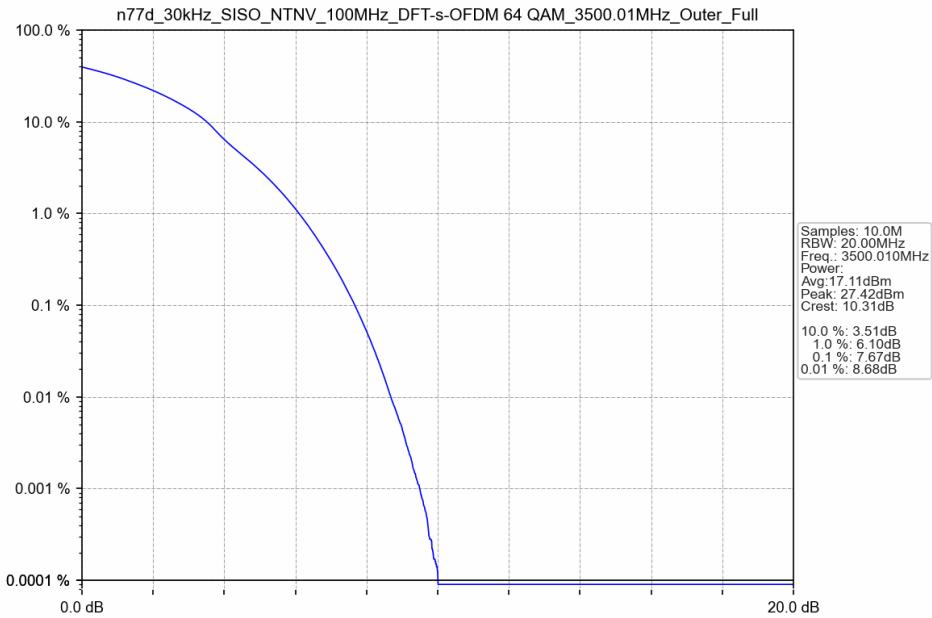
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n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full**n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full**

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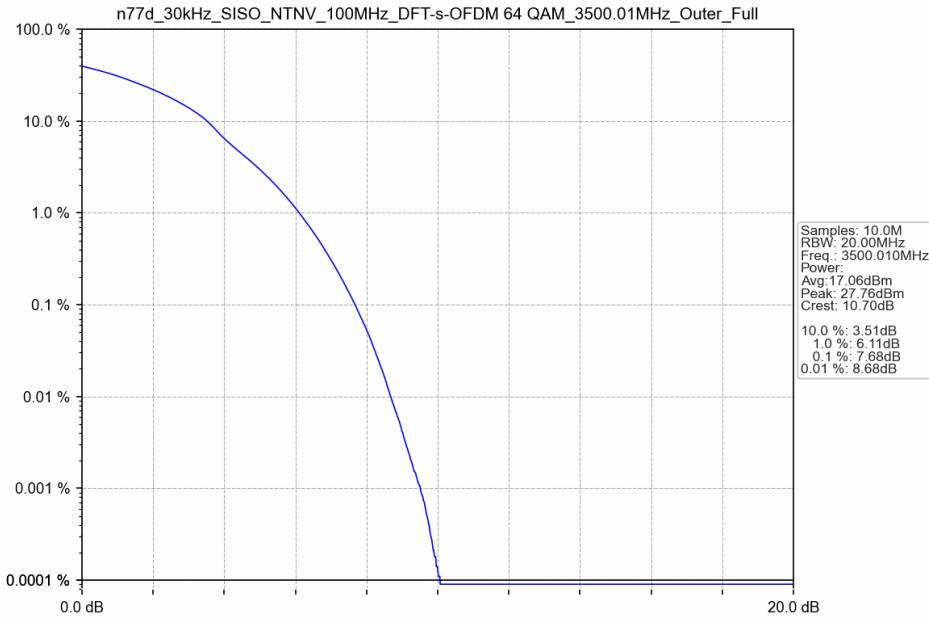
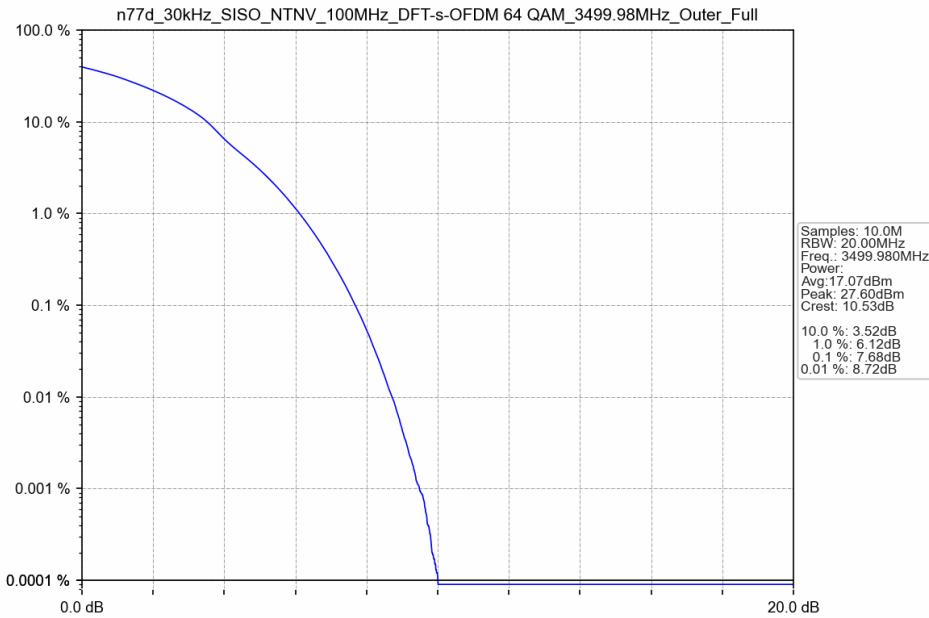
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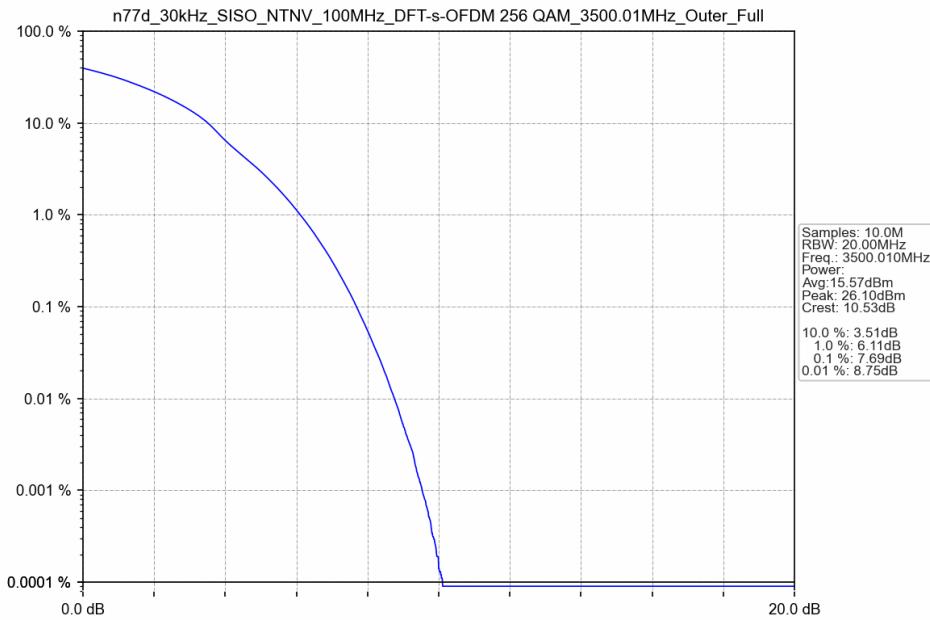
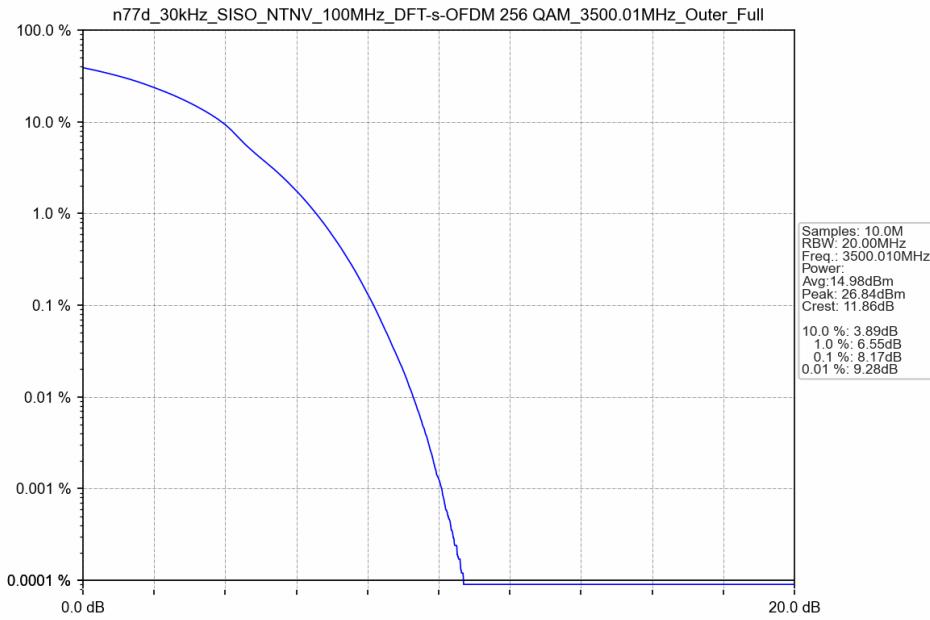
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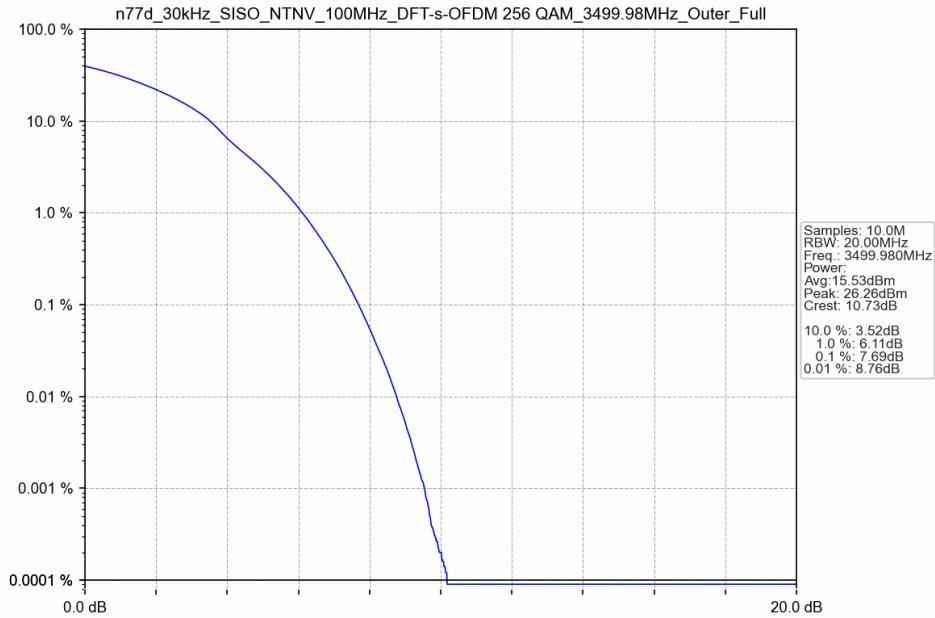
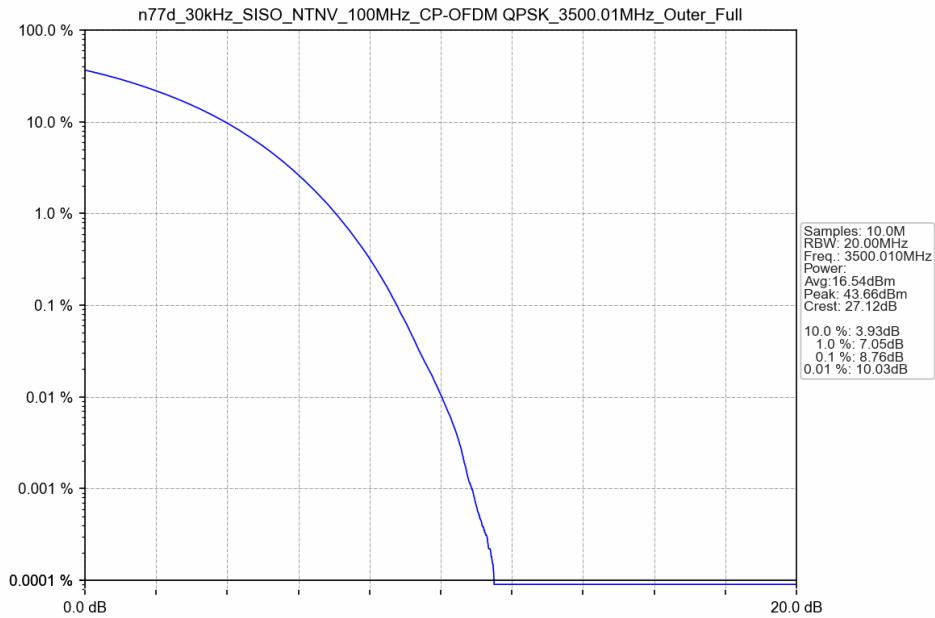
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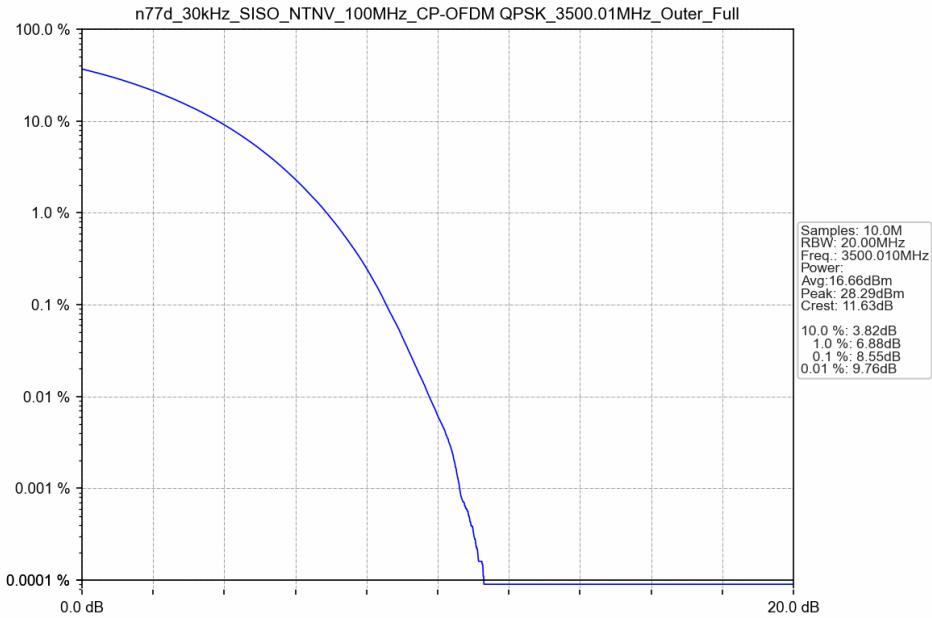
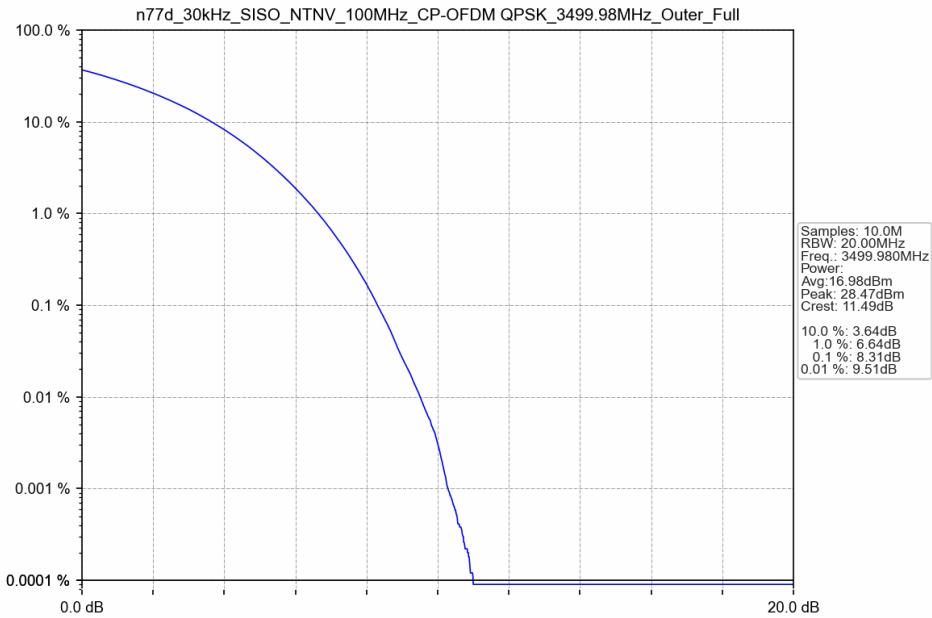
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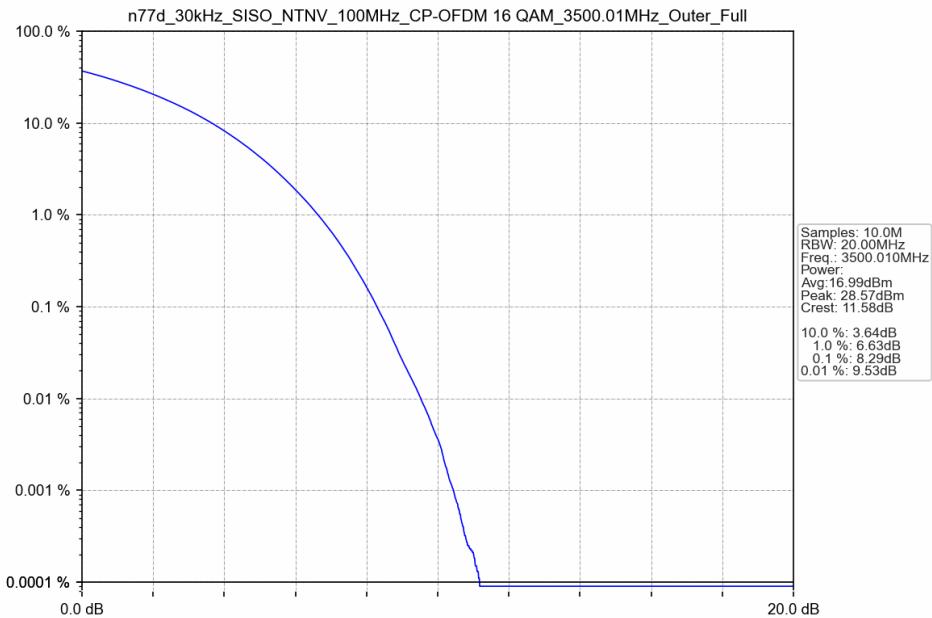
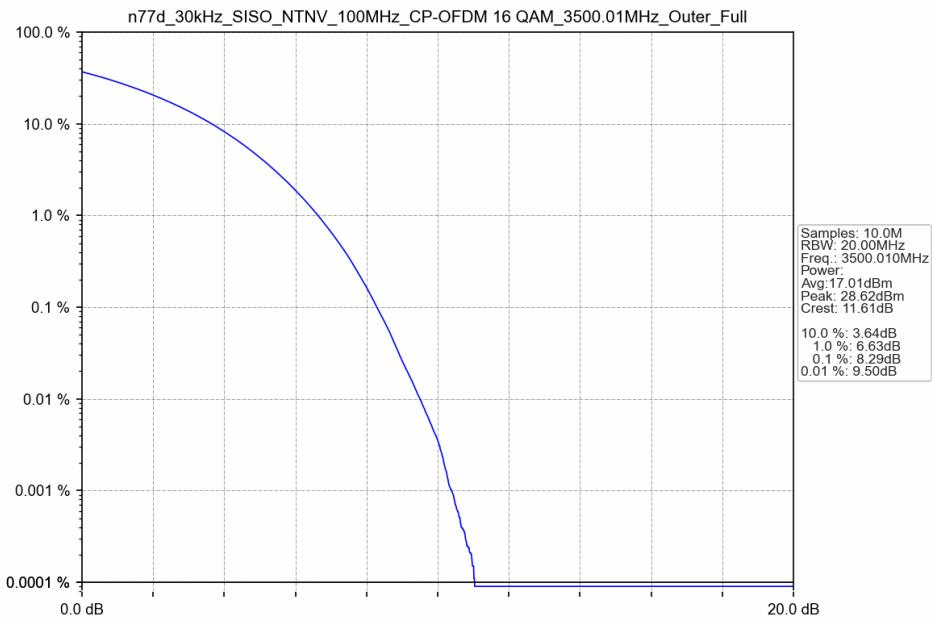
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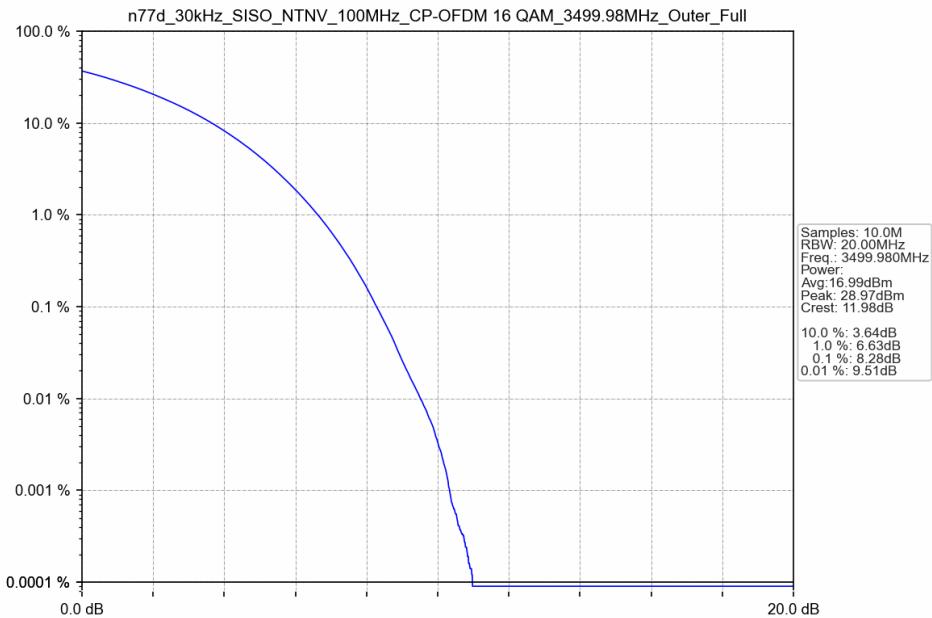
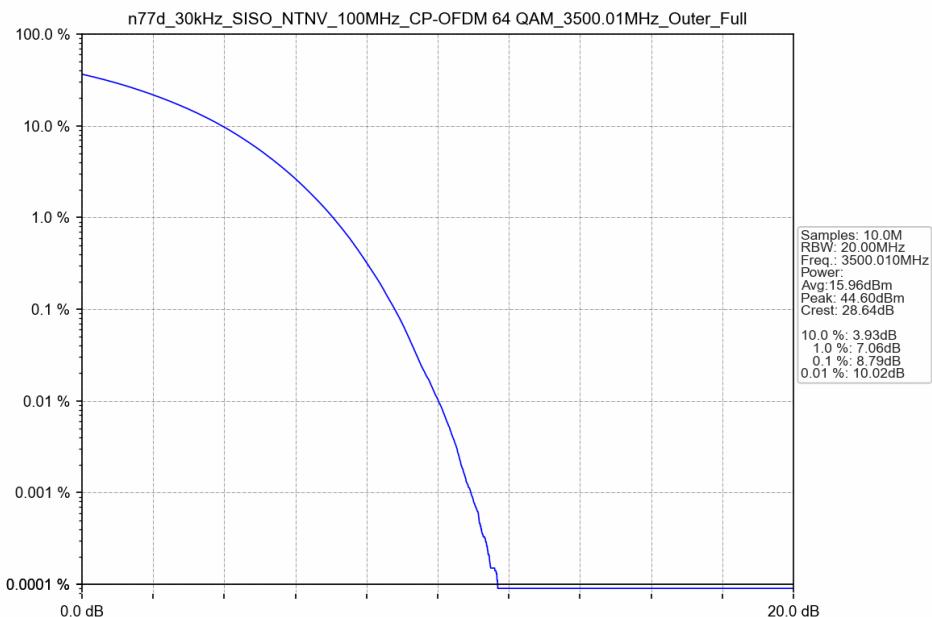
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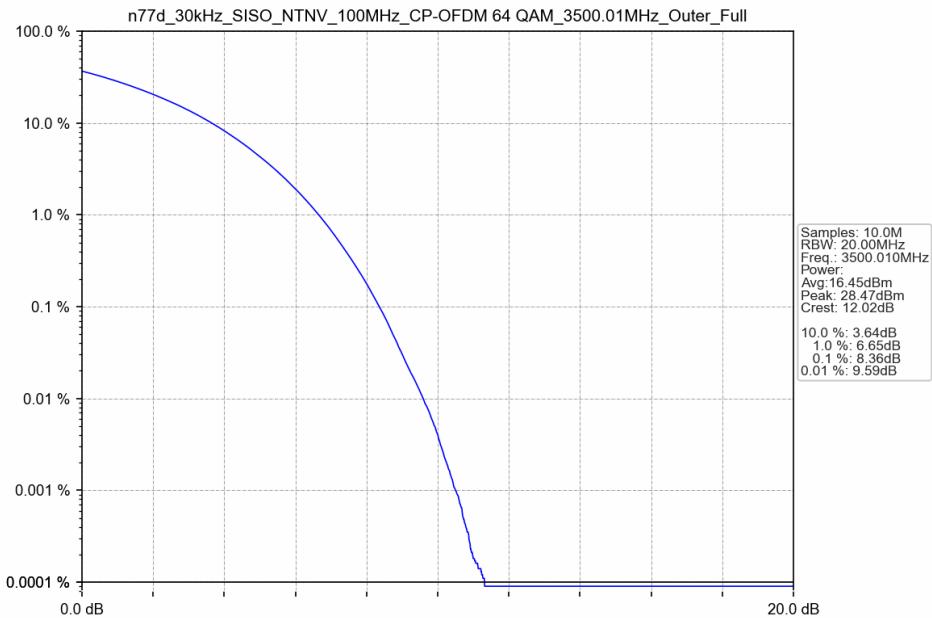
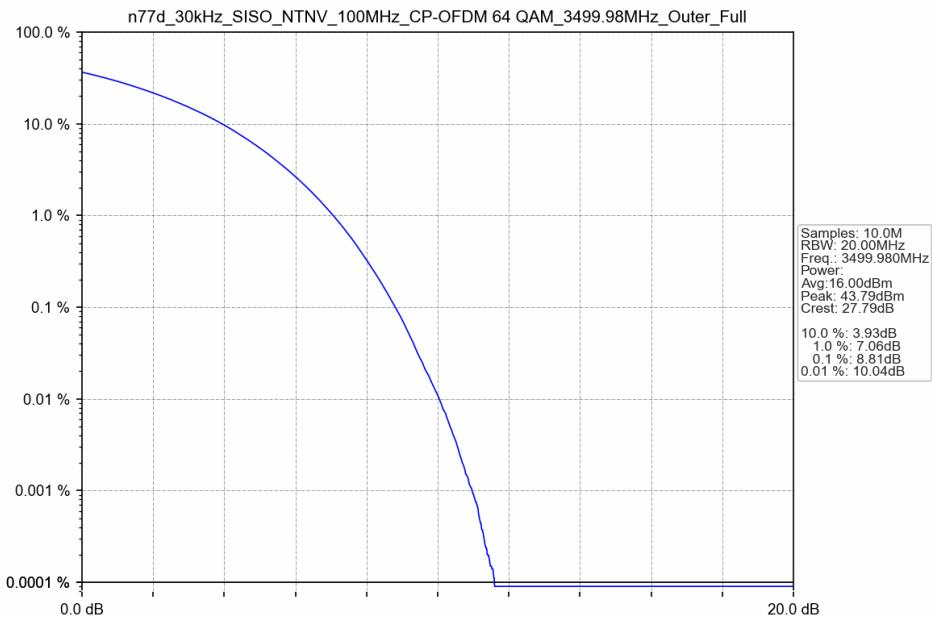
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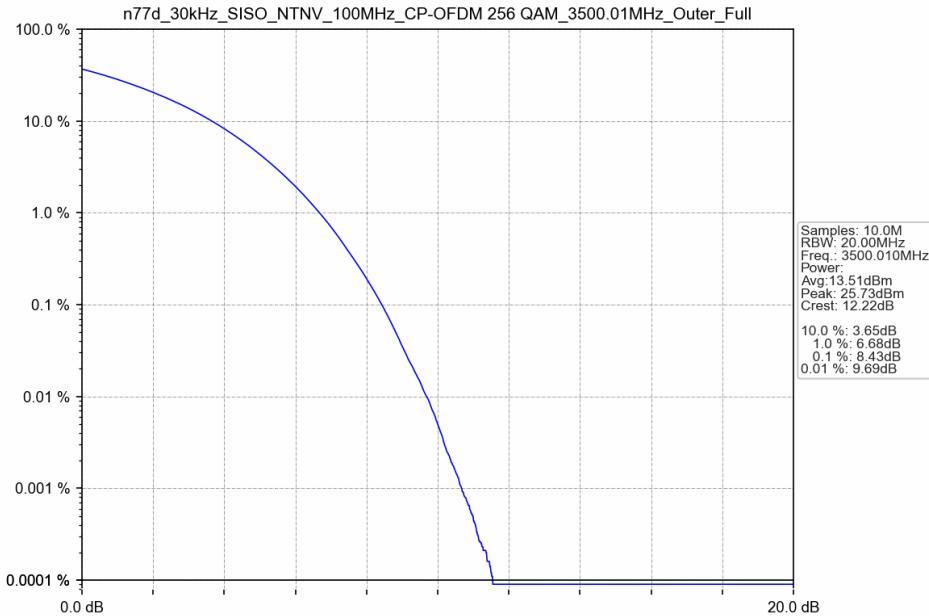
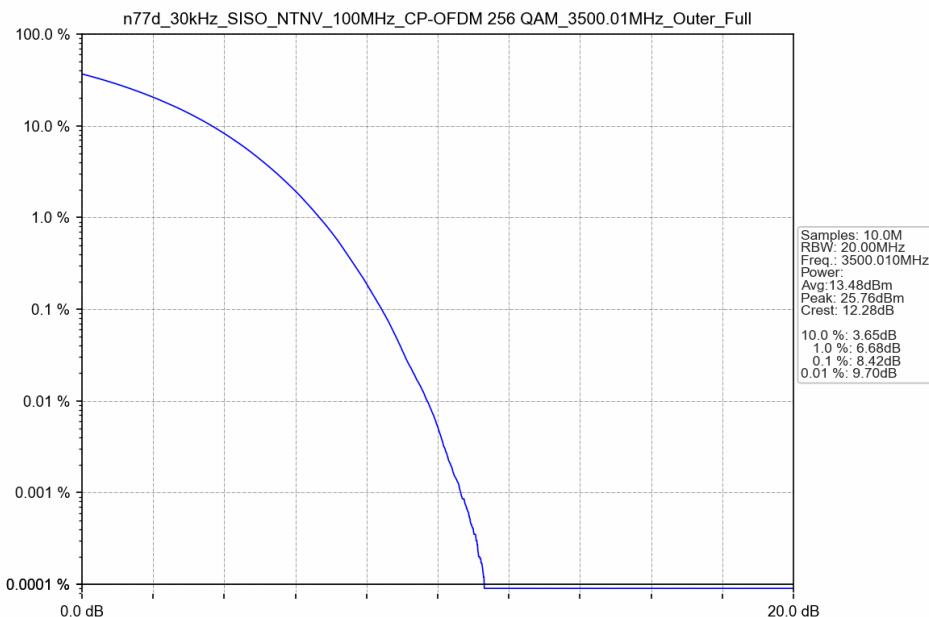
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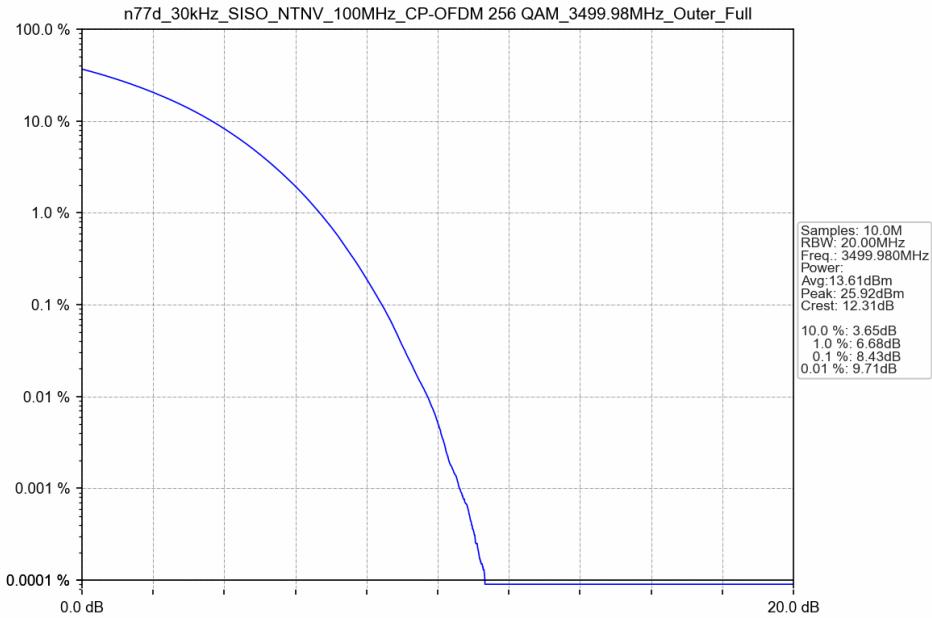
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5. Spurious Emission

5.1 Test Result

5.1.1 30k_SISO_10MHz_NTNV

5G NR n77d SCS=30kHz SISO 10MHz NTVN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3455.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3544.98	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3455.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3544.98	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	3455.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3544.98	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass

1.1.2 30k_SISO_15MHz_NTNV

5G NR n77d SCS=30kHz SISO 15MHz NTVN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2	3457.5	Edge_1RB_Left	Refer To Test Graph				Pass



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BPSK		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Left	Refer To Test Graph	Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
	3542.49	Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	3457.5	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Left	Refer To Test Graph	Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	3542.49	Inner_1RB_Right	Refer To Test Graph	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass
CP-OFDM QPSK	3457.5	Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass
	3500.01	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass

5.1.3 30k_SISO_20MHz_NTNV

5G NR n77d SCS=30kHz SISO 20MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	3460.02	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	3460.02	Inner_1RB_Right	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
	3500.01	Inner_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass



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		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass
CP-OFDM QPSK	3460.02	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Left	Refer To Test Graph	Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph	Pass
	3540	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass

5.1.4 30k_SISO_30MHz_NTNV

5G NR n77d SCS=30kHz SISO 30MHz NTVN						Verdict
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			
			Ant1	Ant2	Sum	Limit
DFT-s-OFDM PI/2 BPSK	3465	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
	3534.99	Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	3465	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
	3534.99	Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass
CP-OFDM QPSK	3465	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
	3534.99	Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass

5.1.5 30k_SISO_40MHz_NTNV



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5G NR n77d SCS=30kHz SISO 40MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3529.98	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3470.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3529.98	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	3470.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3529.98	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass

5.1.6 30k_SISO_50MHz_NTV

5G NR n77d SCS=30kHz SISO 50MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3475.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3525	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3475.02	Edge_1RB_Left	Refer To Test Graph				Pass



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	3500.01	Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass
	3525	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass
CP-OFDM QPSK	3475.02	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Left	Refer To Test Graph	Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	3525	Inner_1RB_Right	Refer To Test Graph	Pass

5.1.7 30k_SISO_60MHz_NTNV

5G NR n77d SCS=30kHz SISO 60MHz NTNV						Verdict
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			
			Ant1	Ant2	Sum	Limit
DFT-s-OFDM PI/2 BPSK	3480	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
	3519.99	Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	3480	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
	3519.99	Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass
CP-OFDM QPSK	3480	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
	3519.99	Edge_1RB_Right	Refer To Test Graph			Pass



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		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass

5.1.8 30k_SISO_70MHz_NTNV

5G NR n77d SCS=30kHz SISO 70MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	3485.01	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
	3514.98	Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	3485.01	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
	3514.98	Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass
CP-OFDM QPSK	3485.01	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
	3514.98	Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass

5.1.9 30k_SISO_80MHz_NTNV

5G NR n77d SCS=30kHz SISO 80MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	3490.02	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass

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	3500.01	Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	3490.02	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Left	Refer To Test Graph	Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph	Pass
	3510	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass
CP-OFDM QPSK	3490.02	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Left	Refer To Test Graph	Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph	Pass
	3510	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass

5.1.10 30k_SISO_90MHz_NTNV

5G NR n77d SCS=30kHz SISO 90MHz NTVN						Verdict
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			
			Ant1	Ant2	Sum	Limit
DFT-s-OFDM PI/2 BPSK	3495	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
	3504.99	Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	3495	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
	3504.99	Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass

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CP-OFDM QPSK	3495	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Left	Refer To Test Graph	Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph	Pass
	3504.99	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass

5.1.11 30k_SISO_100MHz_NTNV

5G NR n77d SCS=30kHz SISO 100MHz NTVN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
	3499.98	Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
	3499.98	Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
	3499.98	Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass

5.1.12 30k_MIMO_10MHz_NTNV

5G NR n77d SCS=30kHz MIMO 10MHz NTVN



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Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3455.01	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3544.98	Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass

5.1.13 30k_MIMO_15MHz_NTNV

5G NR n77d SCS=30kHz MIMO 15MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3457.5	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3542.49	Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass



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		Outer_Full	Refer To Test Graph	Pass
			Refer To Test Graph	Pass
			Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass
			Refer To Test Graph	Pass
			Refer To Test Graph	Pass
			Refer To Test Graph	Pass

5.1.14 30k_MIMO_20MHz_NTNV

5G NR n77d SCS=30kHz MIMO 20MHz NTVN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM	3460.02	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
QPSK	3540	Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass

5.1.15 30k_MIMO_30MHz_NTNV

5G NR n77d SCS=30kHz MIMO 30MHz NTVN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM	3465	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass



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	3534.99	Outer_Full	Refer To Test Graph	Pass
			Refer To Test Graph	Pass
			Refer To Test Graph	Pass
			Refer To Test Graph	Pass
		Inner_1RB_Left	Refer To Test Graph	Pass
			Refer To Test Graph	Pass
			Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
			Refer To Test Graph	Pass
			Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
			Refer To Test Graph	Pass
			Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass
			Refer To Test Graph	Pass
			Refer To Test Graph	Pass

5.1.16 30k_MIMO_40MHz_NTNV

5G NR n77d SCS=30kHz MIMO 40MHz NTVN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3470.01	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3529.98	Inner_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass



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			Refer To Test Graph	Pass
			Refer To Test Graph	Pass

5.1.17 30k_MIMO_50MHz_NTNV

5G NR n77d SCS=30kHz MIMO 50MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3475.02	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3525	Inner_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass

5.1.18 30k_MIMO_60MHz_NTNV

5G NR n77d SCS=30kHz MIMO 60MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3480	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass



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3519.99	Inner_1RB_Left	Refer To Test Graph	Pass
		Refer To Test Graph	Pass
		Refer To Test Graph	Pass
	Edge_1RB_Right	Refer To Test Graph	Pass
		Refer To Test Graph	Pass
		Refer To Test Graph	Pass
	Outer_Full	Refer To Test Graph	Pass
		Refer To Test Graph	Pass
		Refer To Test Graph	Pass
	Inner_1RB_Right	Refer To Test Graph	Pass
		Refer To Test Graph	Pass
		Refer To Test Graph	Pass

5.1.19 30k_MIMO_70MHz_NTNV

5G NR n77d SCS=30kHz MIMO 70MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3485.01	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3514.98	Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3514.98	Inner_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3514.98	Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3514.98	Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3514.98	Inner_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass

5.1.20 30k_MIMO_80MHz_NTNV



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5G NR n77d SCS=30kHz MIMO 80MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3490.02	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
3510	Edge_1RB_Right	Refer To Test Graph					Pass
		Refer To Test Graph					Pass
		Refer To Test Graph					Pass
	Outer_Full	Refer To Test Graph					Pass
		Refer To Test Graph					Pass
		Refer To Test Graph					Pass
	Inner_1RB_Right	Refer To Test Graph					Pass
		Refer To Test Graph					Pass
		Refer To Test Graph					Pass

5.1.21 30k_MIMO_90MHz_NTV

5G NR n77d SCS=30kHz MIMO 90MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3495	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3504.99	Edge_1RB_Right	Refer To Test Graph				Pass
	Refer To Test Graph				Pass		

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		Refer To Test Graph	Pass
		Refer To Test Graph	Pass
		Refer To Test Graph	Pass
		Refer To Test Graph	Pass
	Outer_Full	Refer To Test Graph	Pass
		Refer To Test Graph	Pass
		Refer To Test Graph	Pass
	Inner_1RB_Right	Refer To Test Graph	Pass
		Refer To Test Graph	Pass
		Refer To Test Graph	Pass

5.1.22 30k_MIMO_100MHz_NTNV

5G NR n77d SCS=30kHz MIMO 100MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3499.98	Inner_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass

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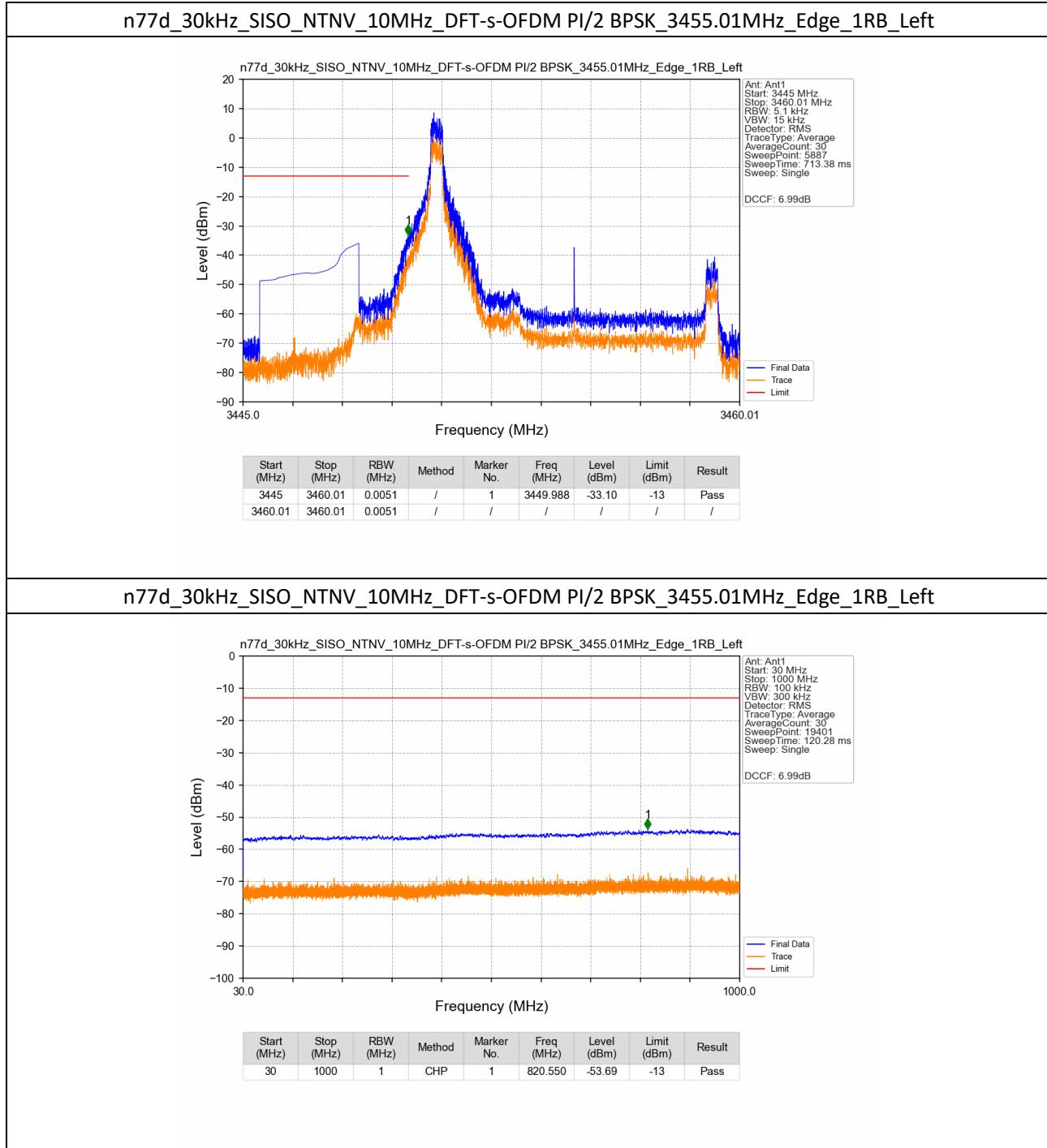
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5.2 Test Graph

5.2.1 30k_SISO_10MHz_NTNV



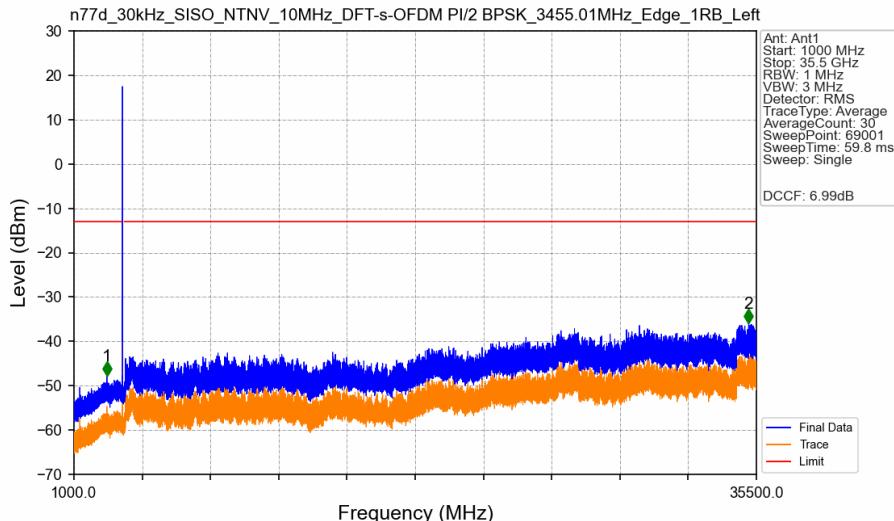
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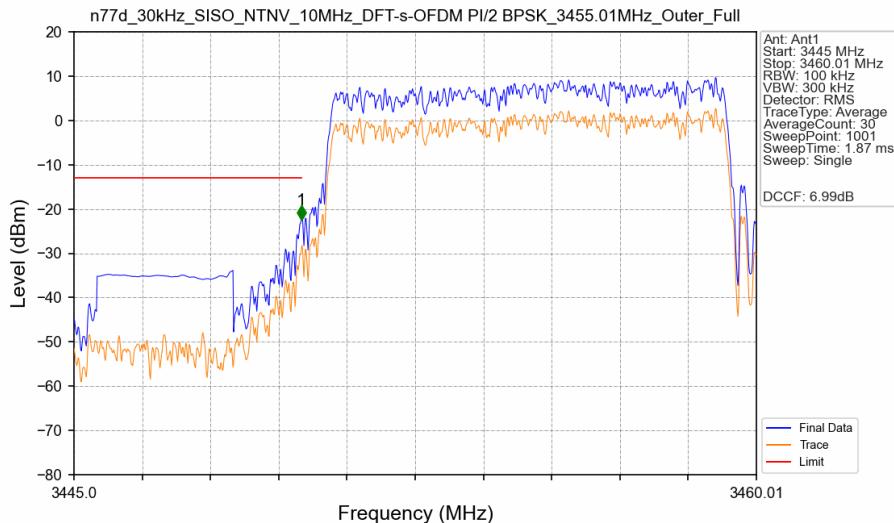
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n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3455.01MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	35500	1	/	1	2668.000	-47.67	-13	Pass
35500	3555	1	/	/	/	/	/	/
3555	35500	1	/	2	35107.500	-35.92	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3455.01MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3460.01	0.1	/	1	3449.998	-22.45	-13	Pass
3460.01	3460.01	0.1	/	/	/	/	/	/



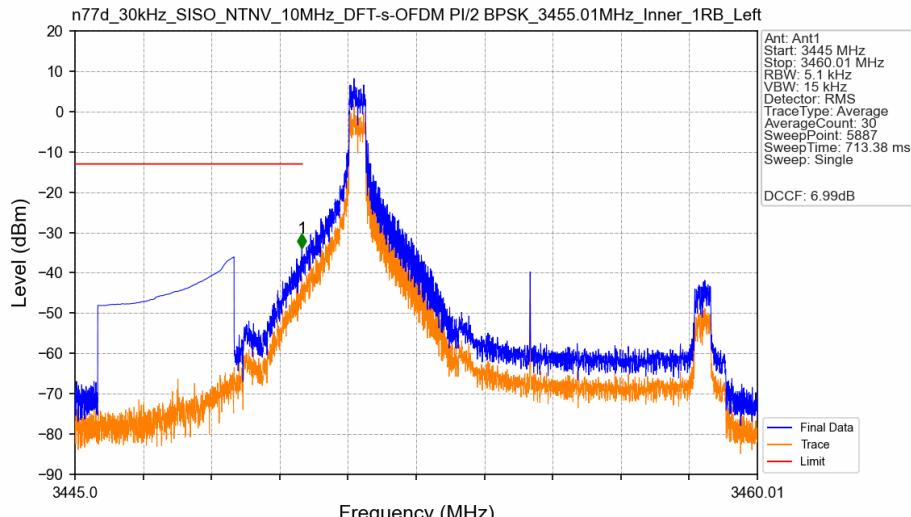
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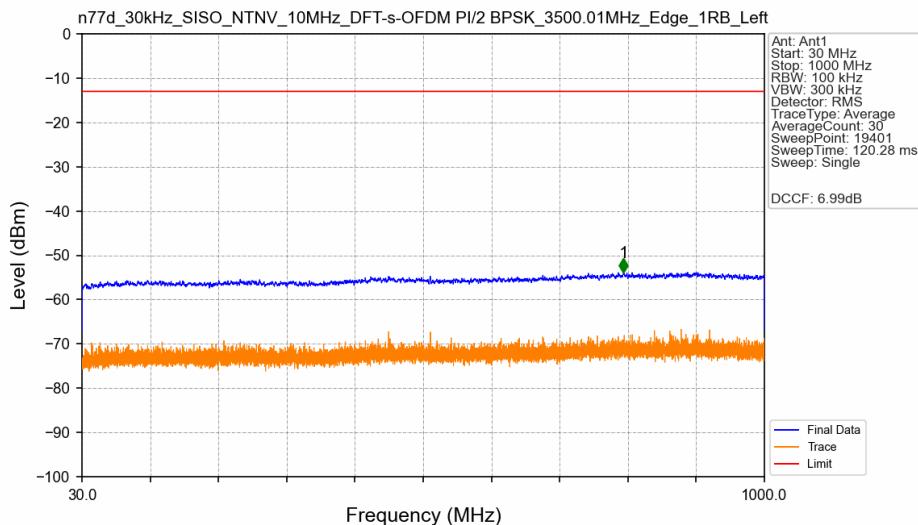
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n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3455.01MHz_Inner_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3460.01	0.0051	/	1	3449.991	-33.92	-13	Pass
3460.01	3460.01	0.0051	/	/	/	/	/	/

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	799.650	-53.80	-13	Pass



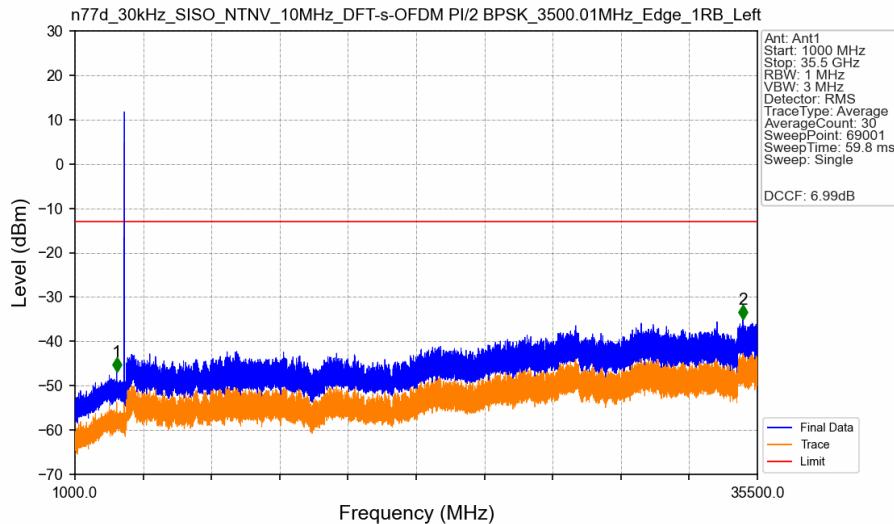
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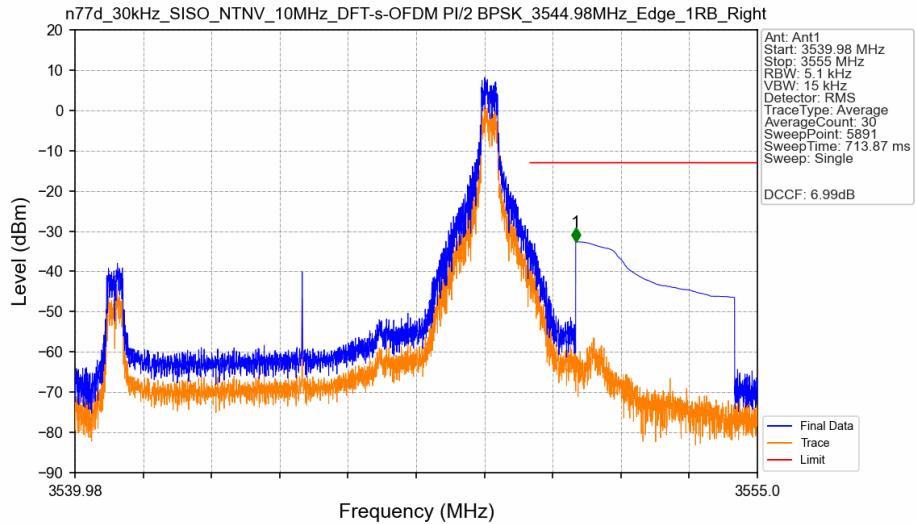
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n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	35500	1	/	1	3110.500	-46.73	-13	Pass
35500	3555	1	/	/	/	/	/	/
3555	35500	1	/	2	34763.500	-35.05	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3544.98MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3539.98	3550	0.0051	/	/	/	/	/	/
3550	3555	1	CHP	1	3551.001	-32.59	-13	Pass



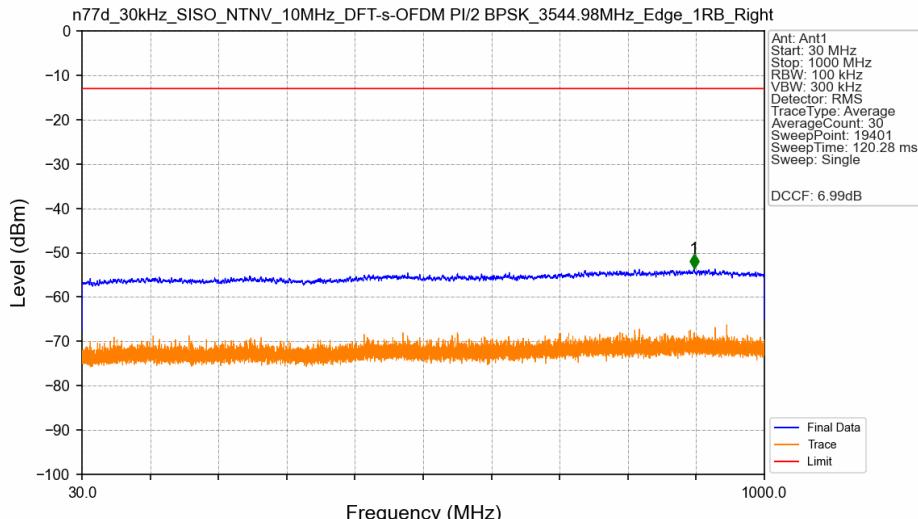
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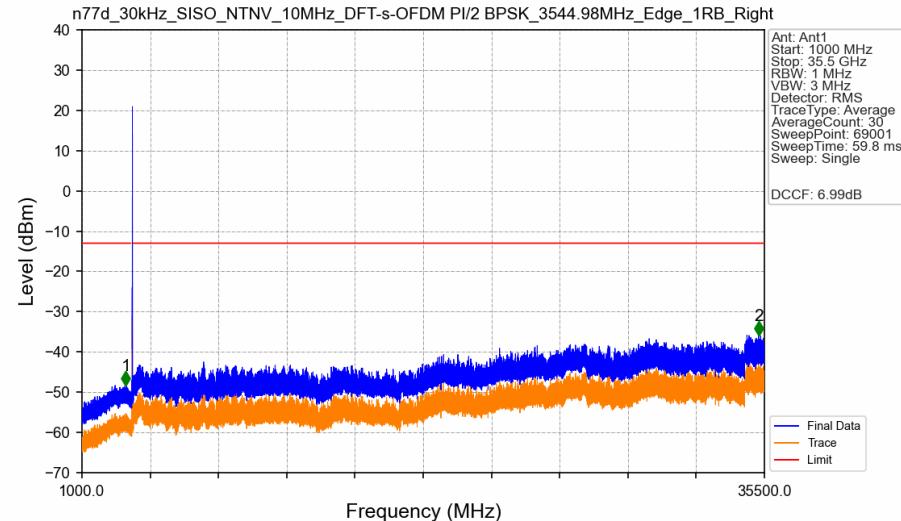
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n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3544.98MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	900.050	-53.57	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3544.98MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	35500	1	/	1	3217.000	-48.24	-13	Pass
35500	3555	1	/	/	/	/	/	/
3555	35500	1	/	2	35202.500	-35.79	-13	Pass



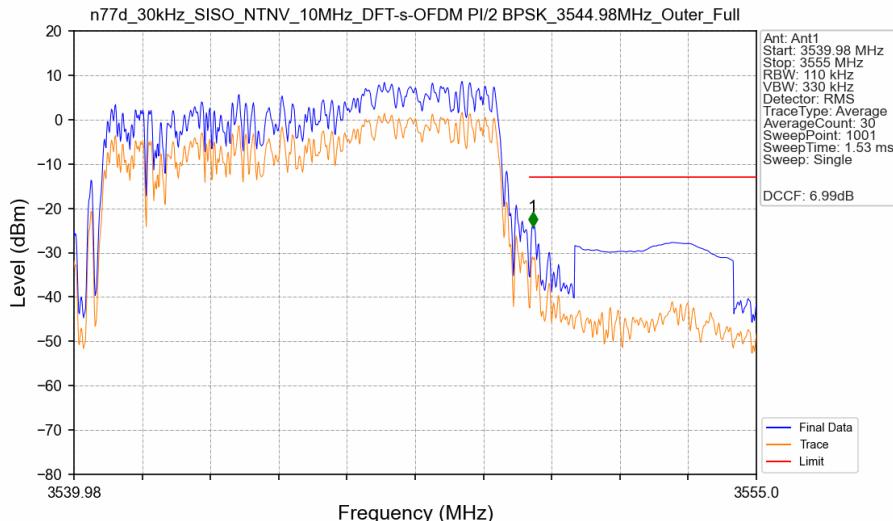
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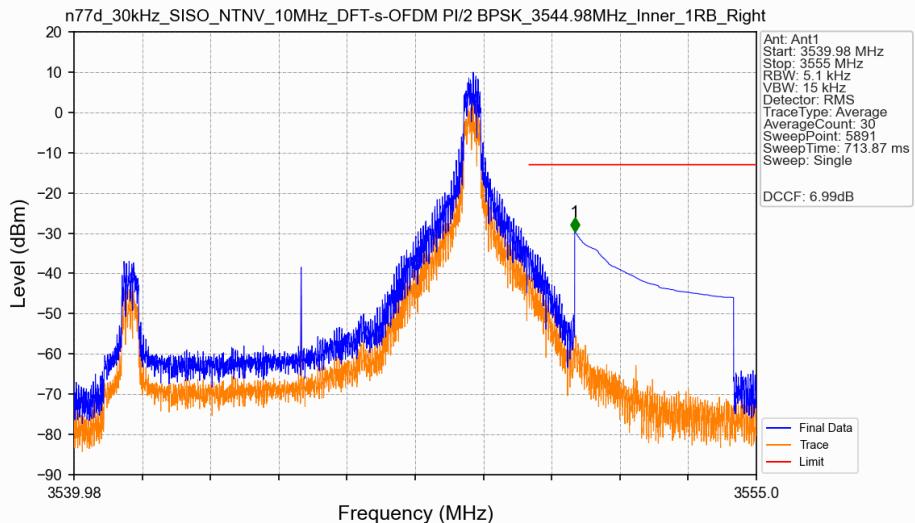
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n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3544.98MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3539.98	3550	0.11	/	/	/	/	/	/
3550	3555	1	CHP	1	3550.073	-23.97	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3544.98MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3539.98	3550	0.0051	/	/	/	/	/	/
3550	3555	1	CHP	1	3551.001	-29.71	-13	Pass



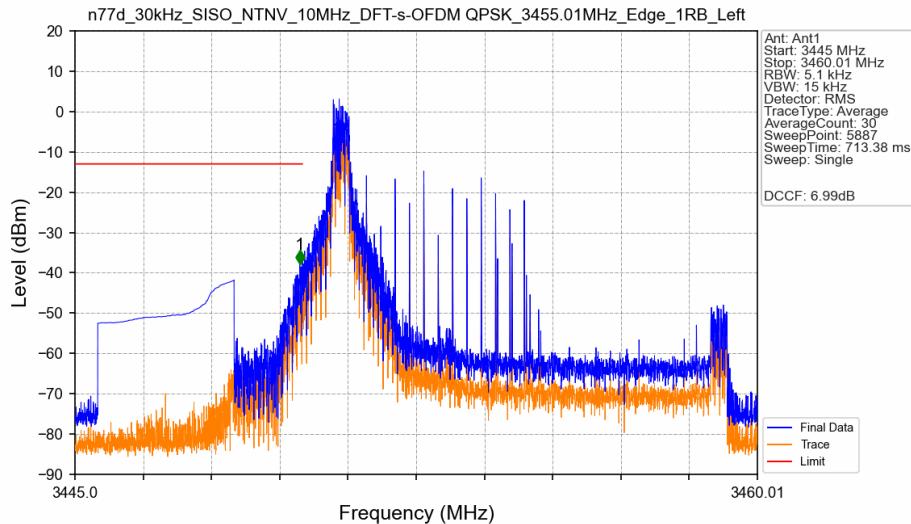
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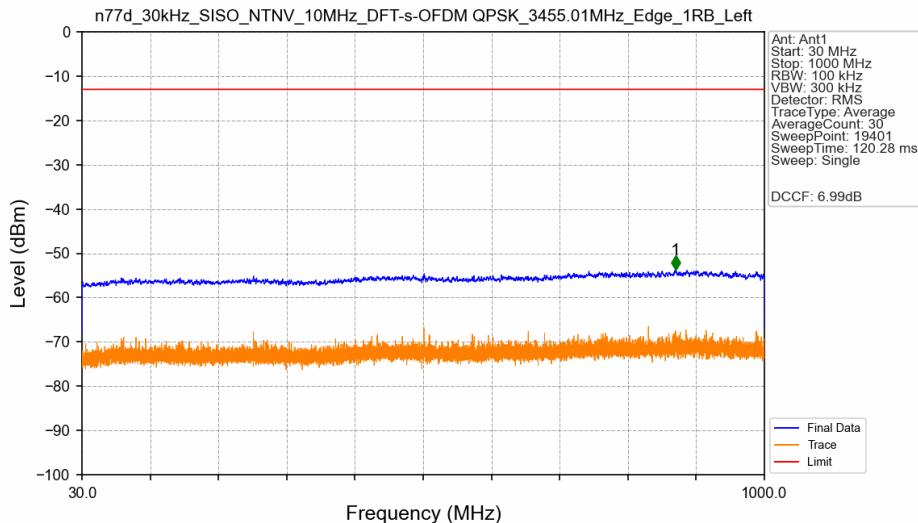
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n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3455.01MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3460.01	0.0051	/	1	3449.945	-37.90	-13	Pass
3460.01	3460.01	0.0051	/	/	/	/	/	/

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3455.01MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	873.900	-53.67	-13	Pass



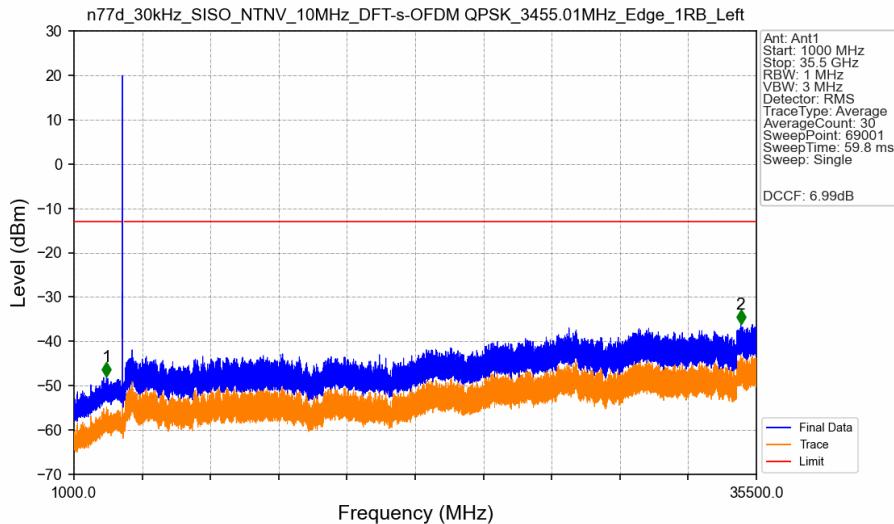
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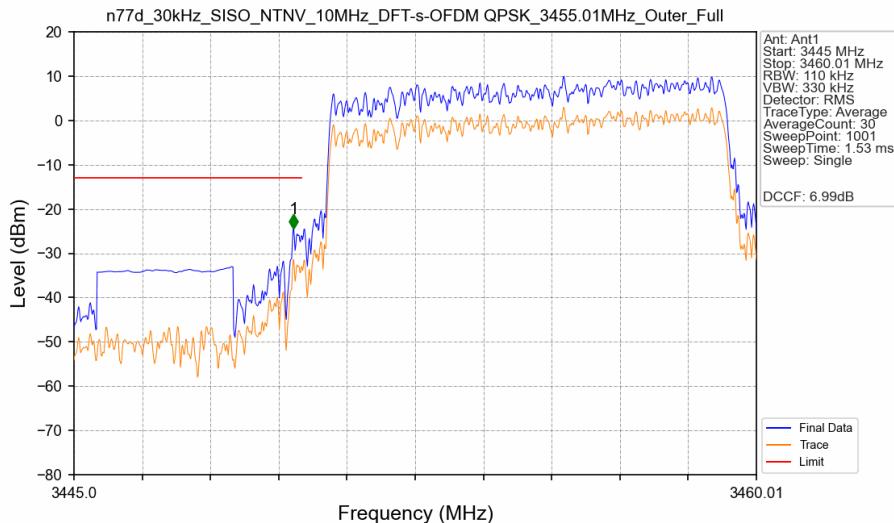
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n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3455.01MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	35500	1	/	1	2647.500	-47.85	-13	Pass
35500	3555	1	/	/	/	/	/	/
3555	35500	1	/	2	34712.000	-36.12	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3455.01MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3460.01	0.11	/	1	3449.833	-24.38	-13	Pass
3460.01	3460.01	0.11	/	/	/	/	/	/

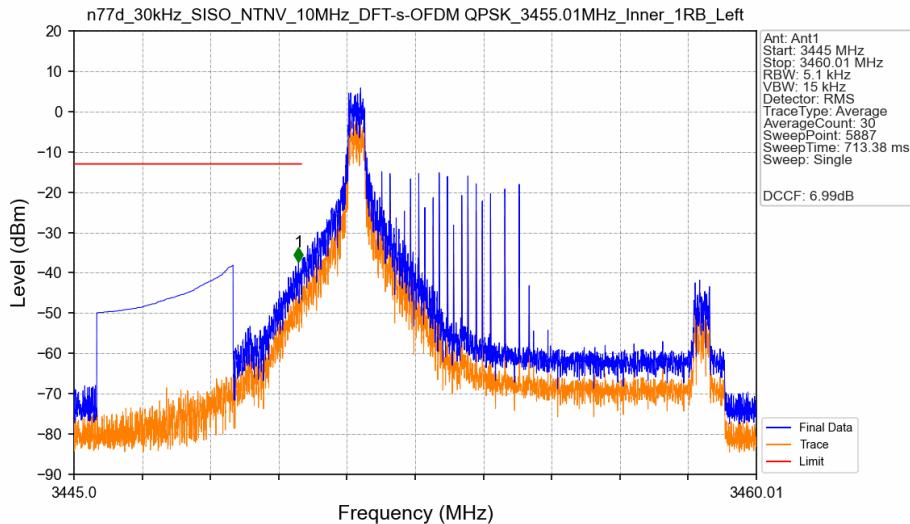


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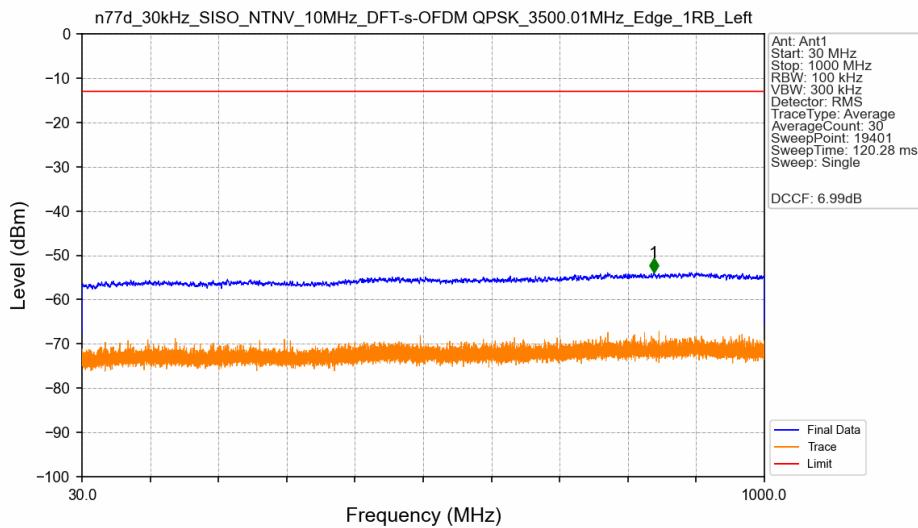
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n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3455.01MHz_Inner_1RB_Left



n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3500.01MHz_Edge_1RB_Left

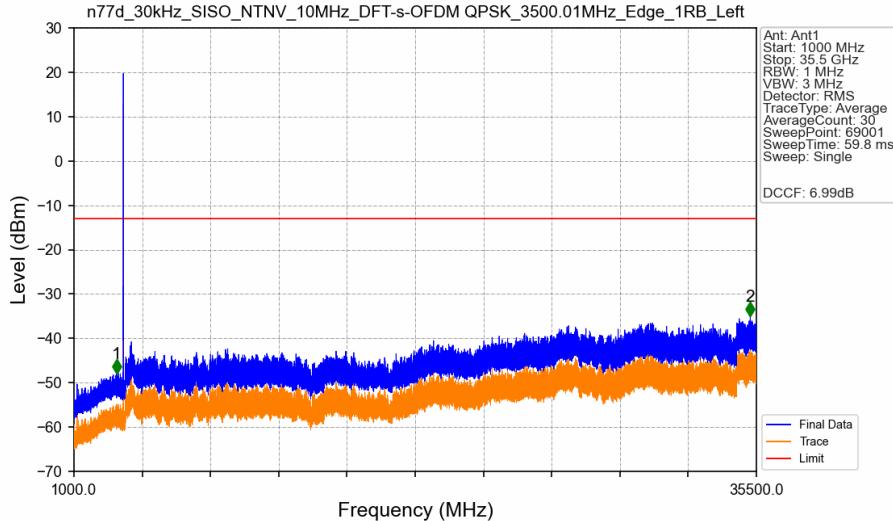


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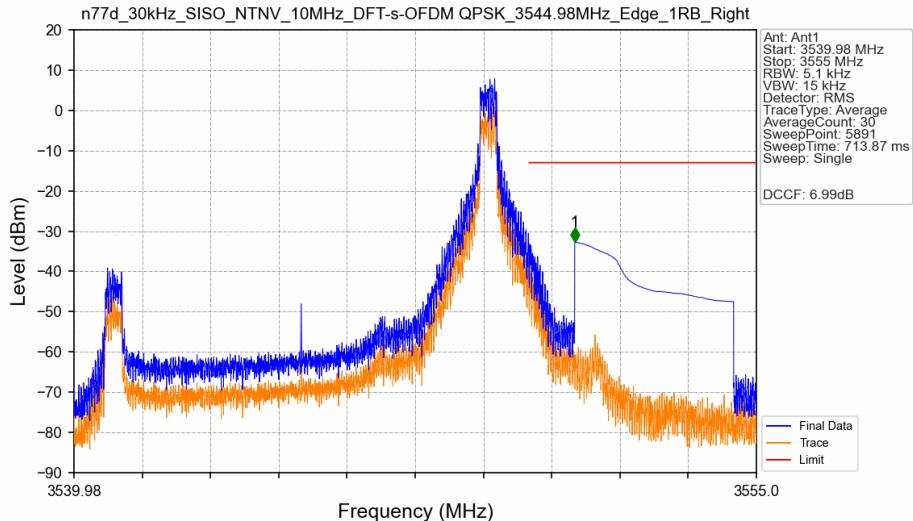
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n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3500.01MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	35500	1	/	1	3148.000	-47.87	-13	Pass
35500	3555	1	/	/	/	/	/	/
3555	35500	1	/	2	35191.000	-34.92	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3544.98MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3539.98	3550	0.0051	/	/	/	/	/	/
3550	3555	1	CHP	1	3551.001	-32.73	-13	Pass



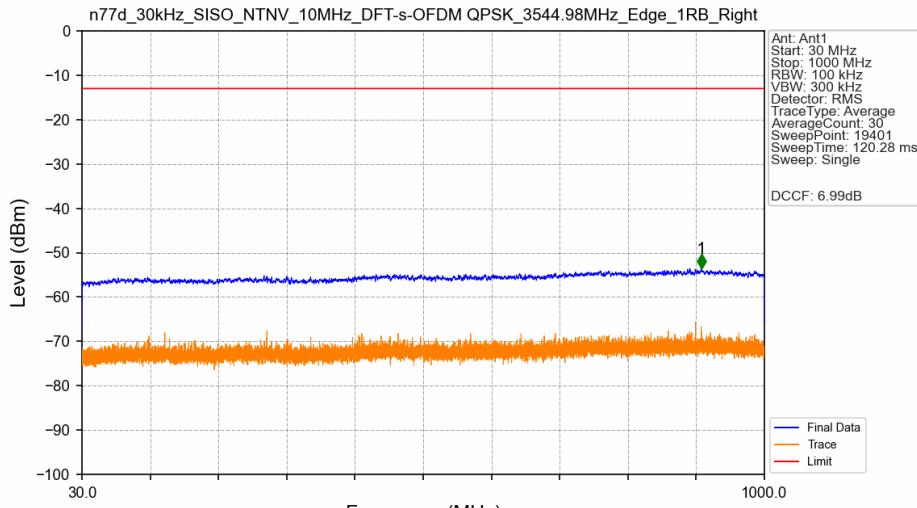
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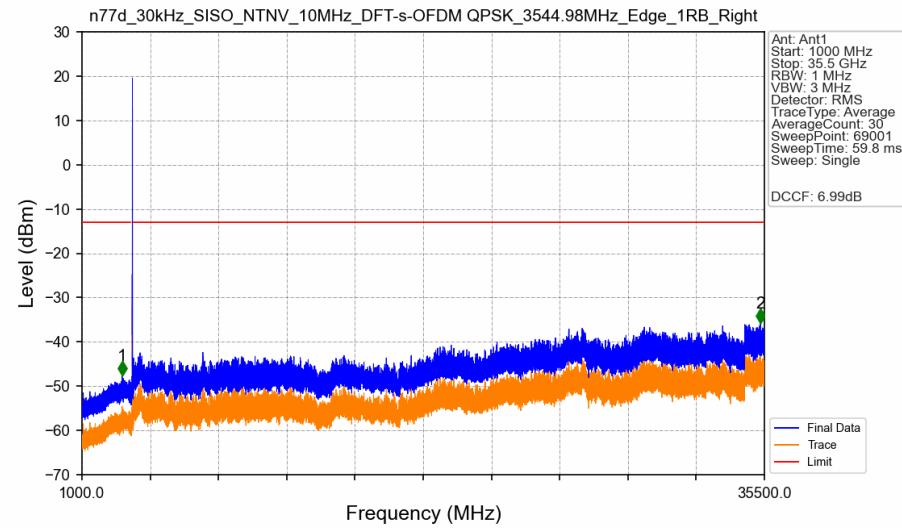
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n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3544.98MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	910.200	-53.47	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3544.98MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	35500	1	/	1	3032.000	-47.56	-13	Pass
35500	3555	1	/	/	/	/	/	/
3555	35500	1	/	2	35299.500	-35.79	-13	Pass



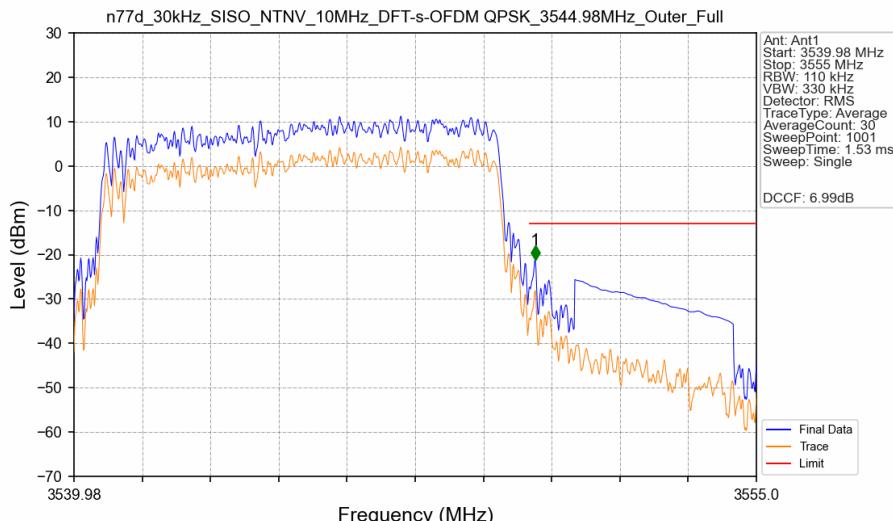
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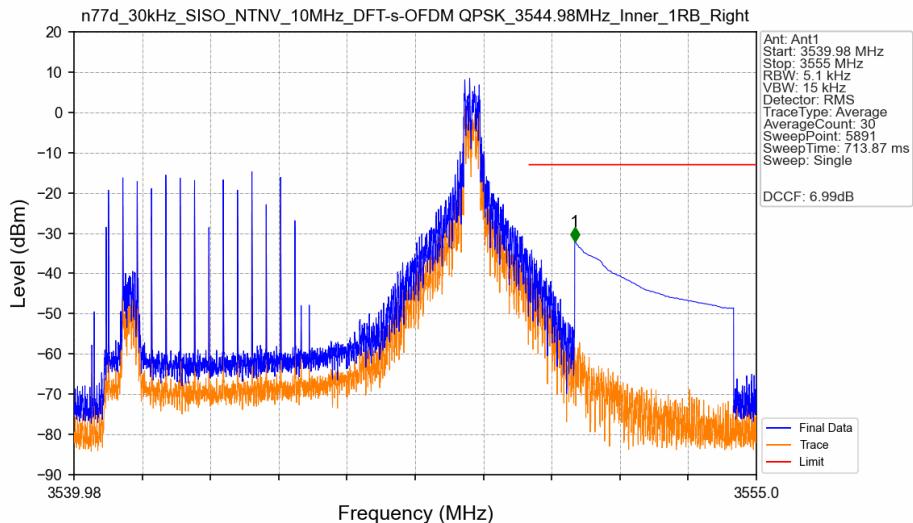
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n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3544.98MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3539.98	3550	0.11	/	/	/	/	/	/
3550	3555	1	CHP	1	3550.134	-21.08	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3544.98MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3539.98	3550	0.0051	/	/	/	/	/	/
3550	3555	1	CHP	1	3551.001	-32.04	-13	Pass



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