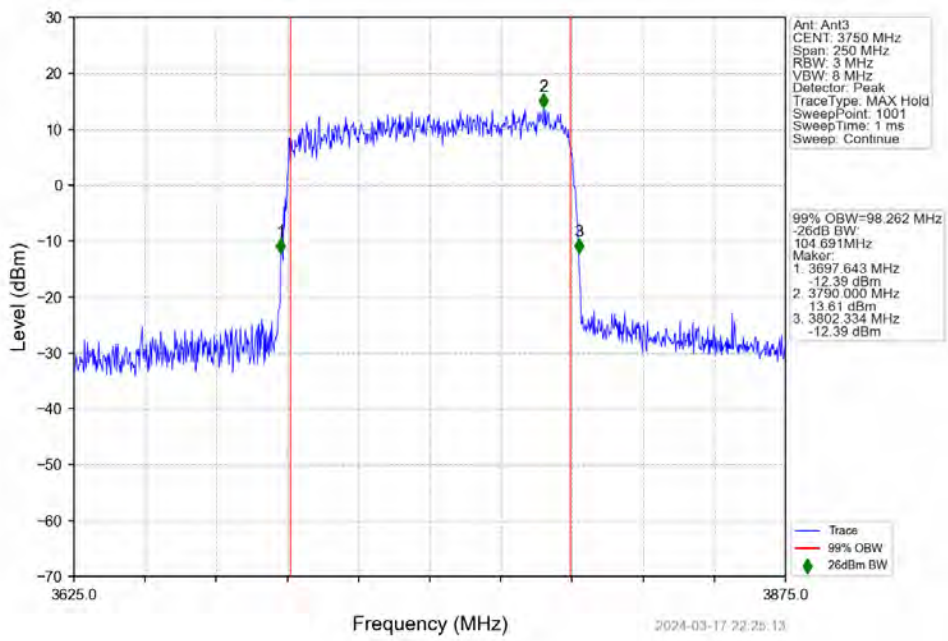




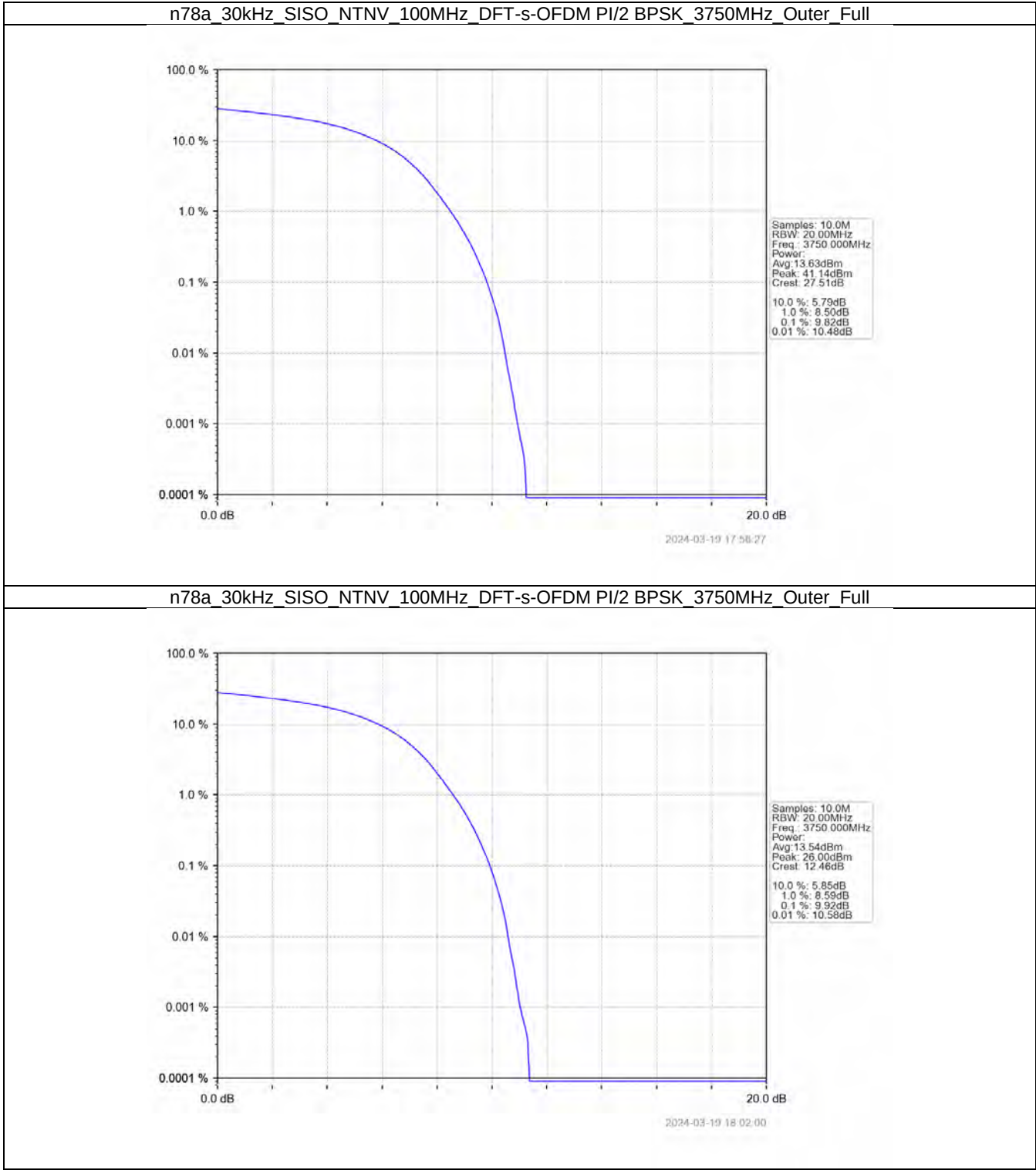
4. Peak-Average Ratio

4.1 30k_SISO_100MHz_NTNV

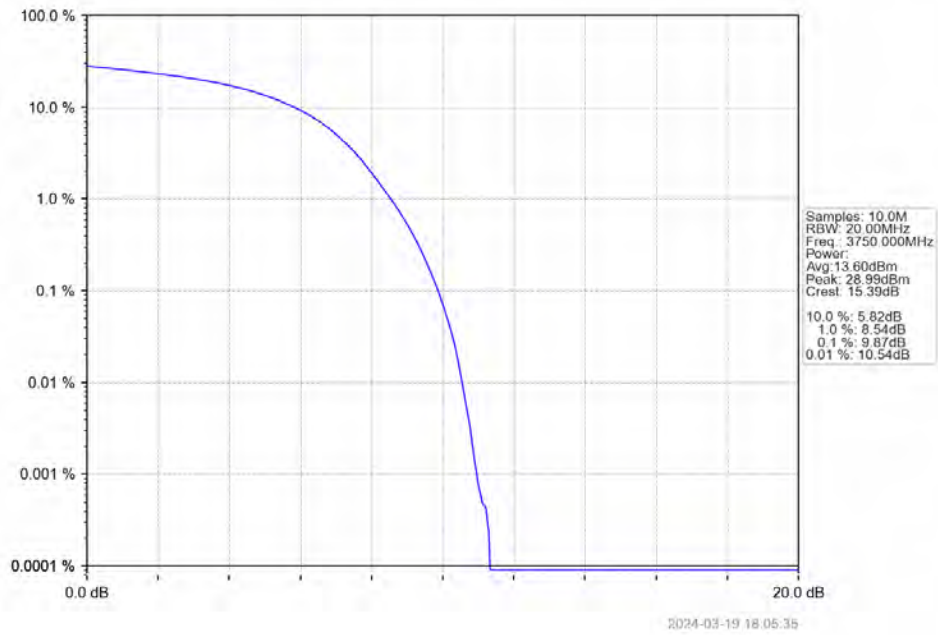
4.1.1 Test Result

5G NR n78a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant7	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	9.82	/	/	<=13	Pass
	3750	Outer_Full	9.92	/	/	<=13	Pass
	3750	Outer_Full	9.87	/	/	<=13	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	10.88	/	/	<=13	Pass
	3750	Outer_Full	11.01	/	/	<=13	Pass
	3750	Outer_Full	10.49	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	10.93	/	/	<=13	Pass
	3750	Outer_Full	11.01	/	/	<=13	Pass
	3750	Outer_Full	11.09	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	11.14	/	/	<=13	Pass
	3750	Outer_Full	11.06	/	/	<=13	Pass
	3750	Outer_Full	10.94	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	10.98	/	/	<=13	Pass
	3750	Outer_Full	11.25	/	/	<=13	Pass
	3750	Outer_Full	11.01	/	/	<=13	Pass
CP-OFDM QPSK	3750	Outer_Full	11.61	/	/	<=13	Pass
	3750	Outer_Full	11.54	/	/	<=13	Pass
	3750	Outer_Full	11.46	/	/	<=13	Pass
CP-OFDM 16 QAM	3750	Outer_Full	11.88	/	/	<=13	Pass
	3750	Outer_Full	11.46	/	/	<=13	Pass
	3750	Outer_Full	11.57	/	/	<=13	Pass
CP-OFDM 64 QAM	3750	Outer_Full	11.82	/	/	<=13	Pass
	3750	Outer_Full	11.77	/	/	<=13	Pass
	3750	Outer_Full	11.87	/	/	<=13	Pass
CP-OFDM 256 QAM	3750	Outer_Full	11.98	/	/	<=13	Pass
	3750	Outer_Full	11.70	/	/	<=13	Pass
	3750	Outer_Full	11.23	/	/	<=13	Pass

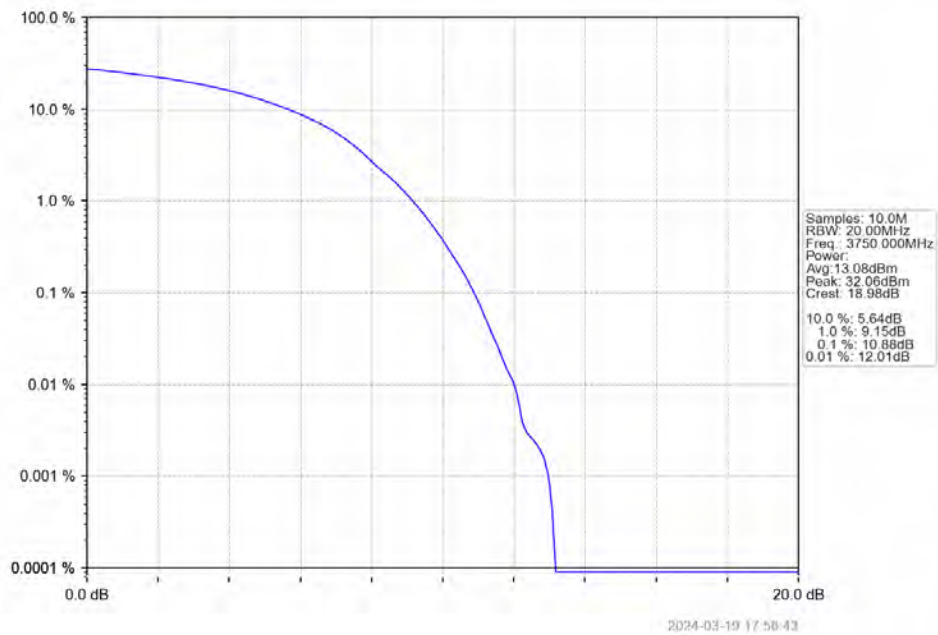
4.1.2 Test Graph



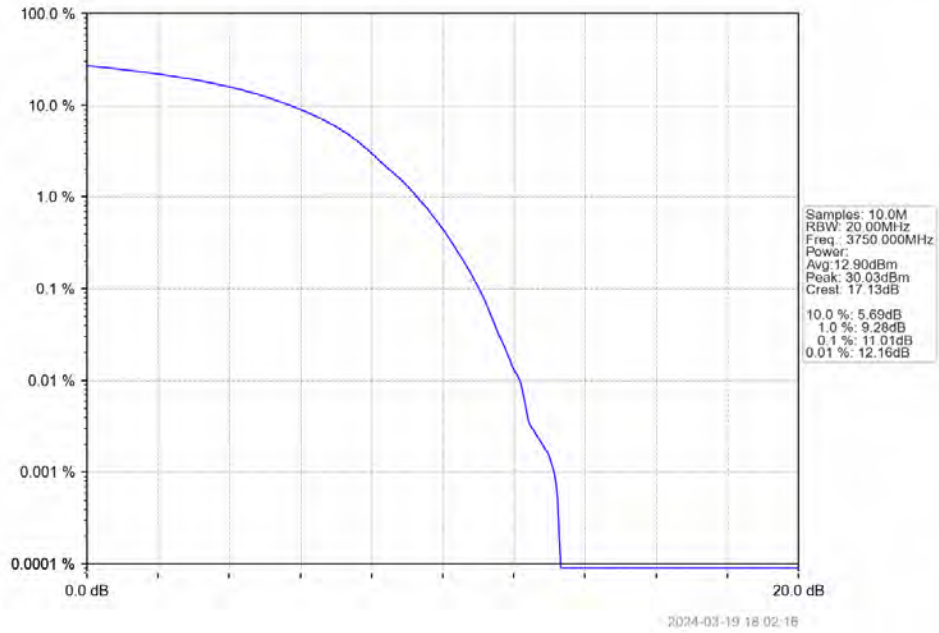
n78a 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3750MHz Outer Full



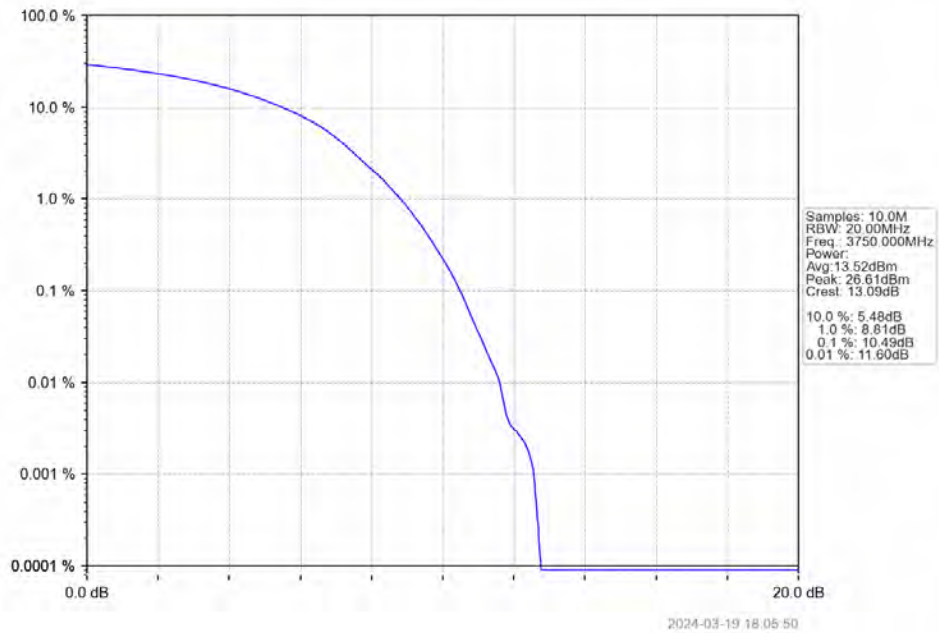
n78a 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3750MHz Outer Full



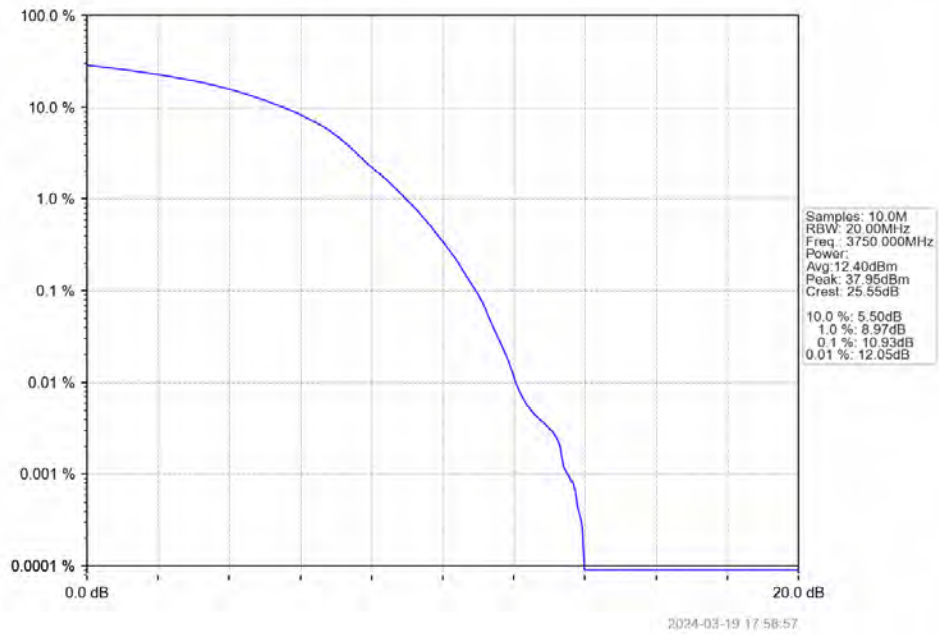
n78a 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3750MHz Outer Full



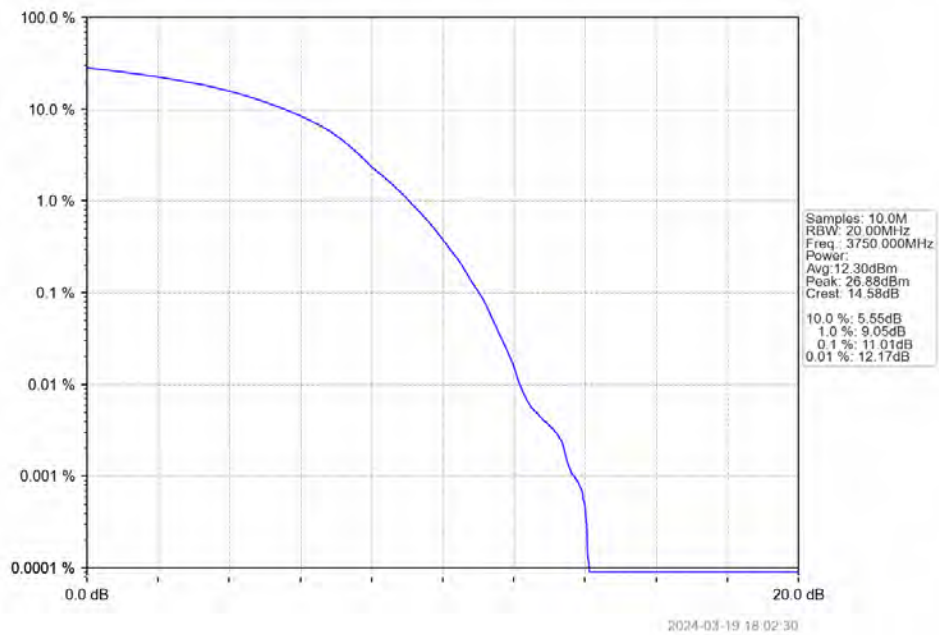
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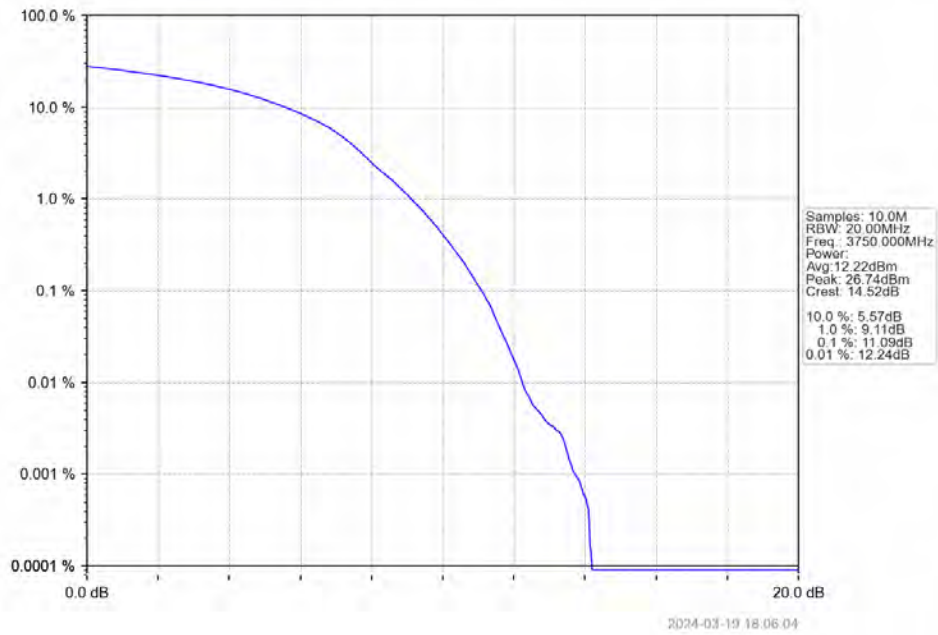
n78a 30kHz SISO NTN 100MHz DFT-s-OFDM 16 QAM 3750MHz Outer Full



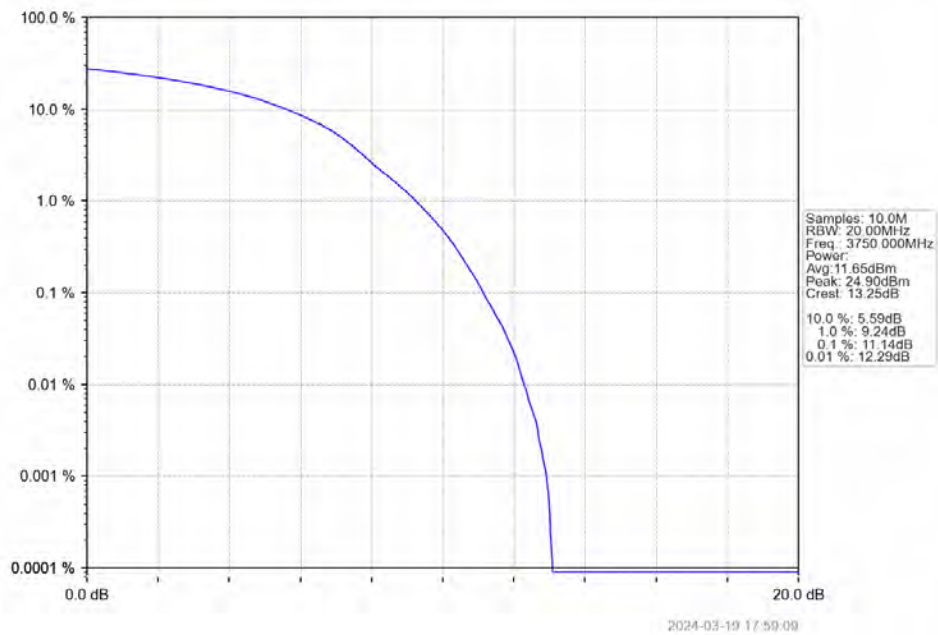
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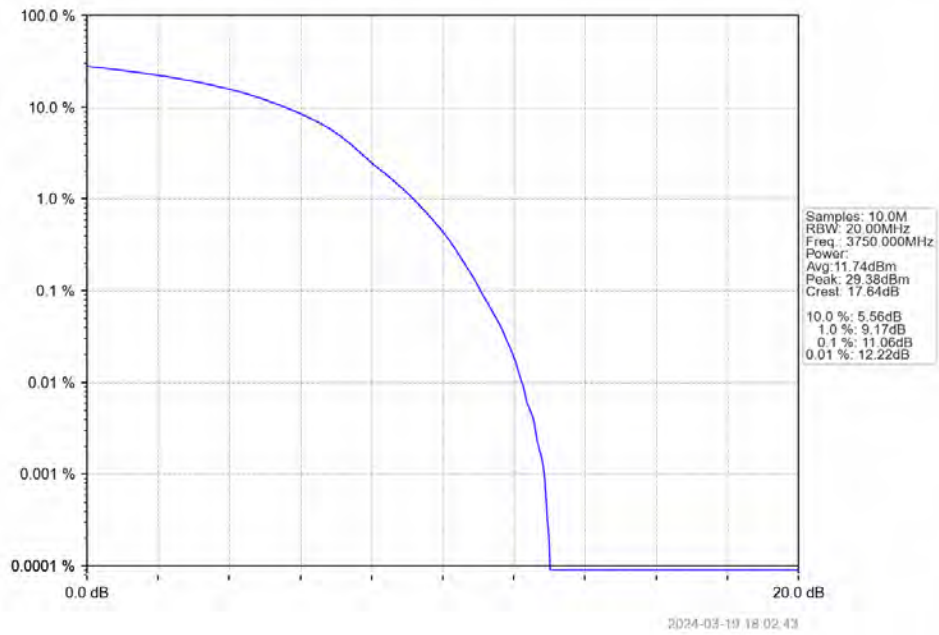
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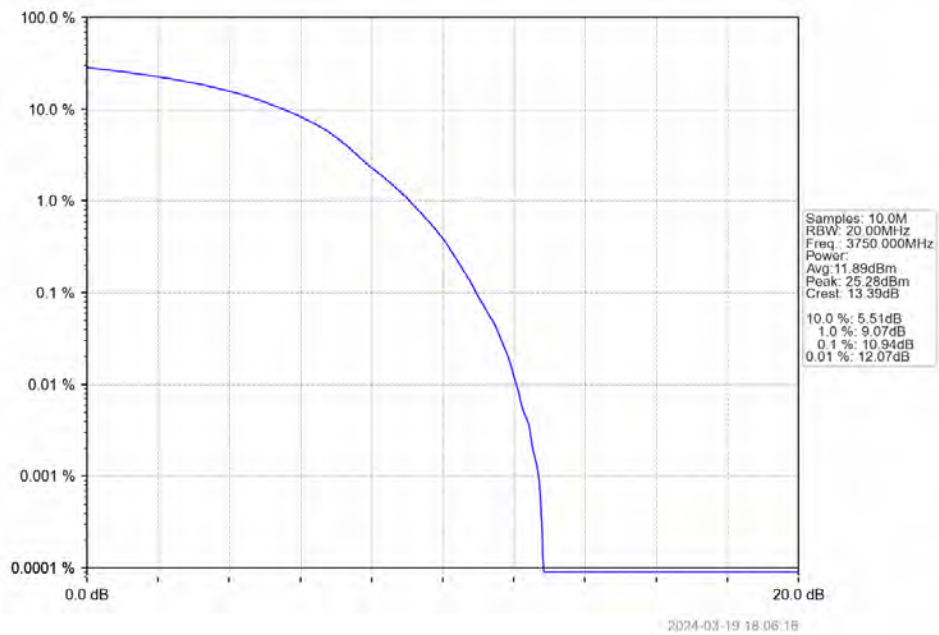
n78a 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full



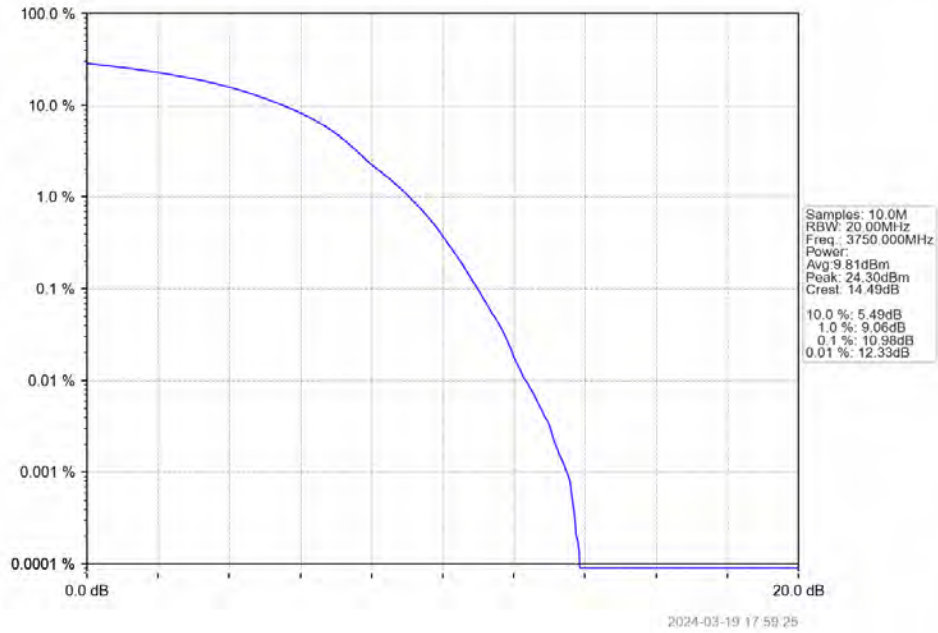
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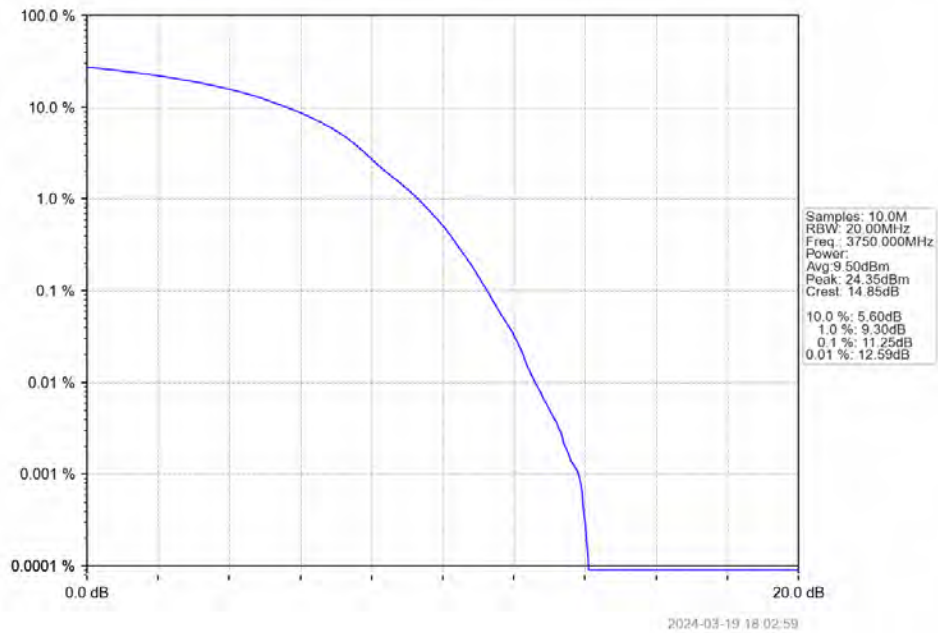
n78a 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full



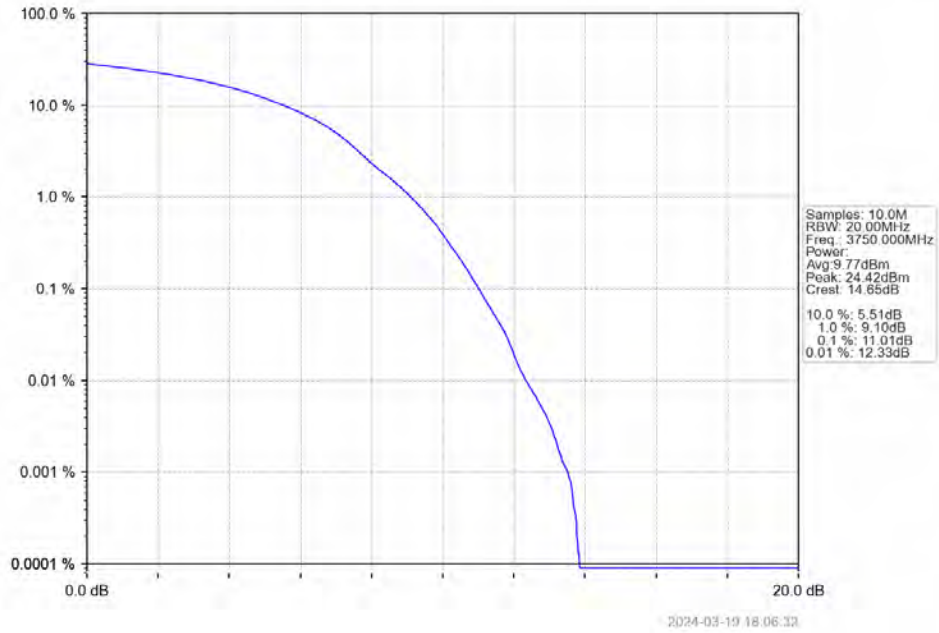
n78a 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full



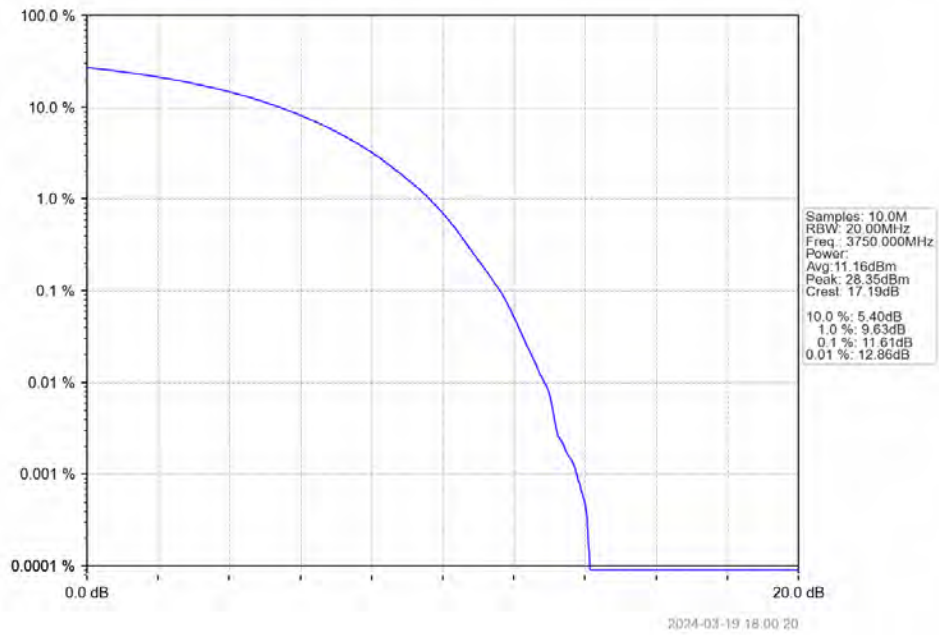
n78a 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full



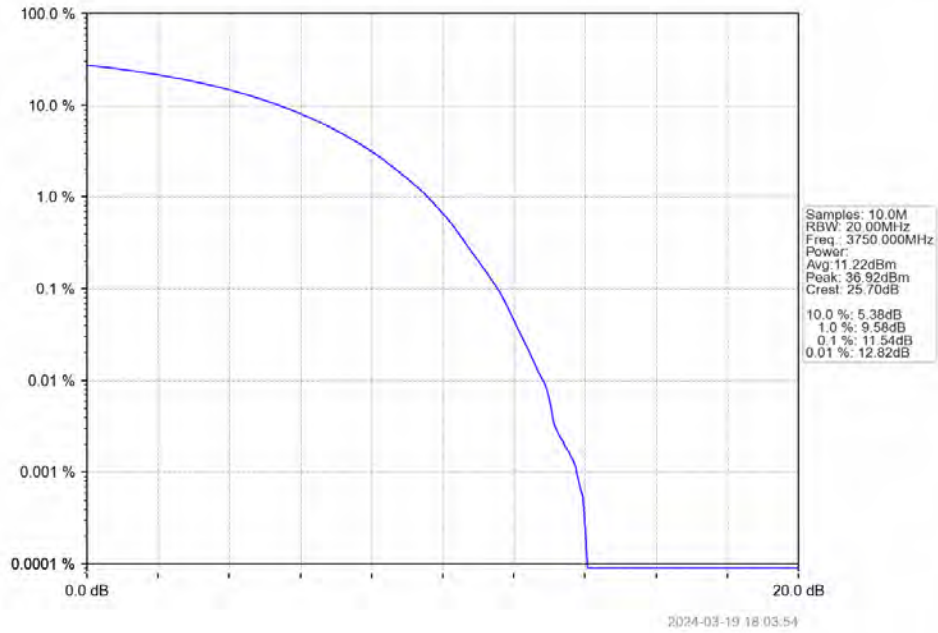
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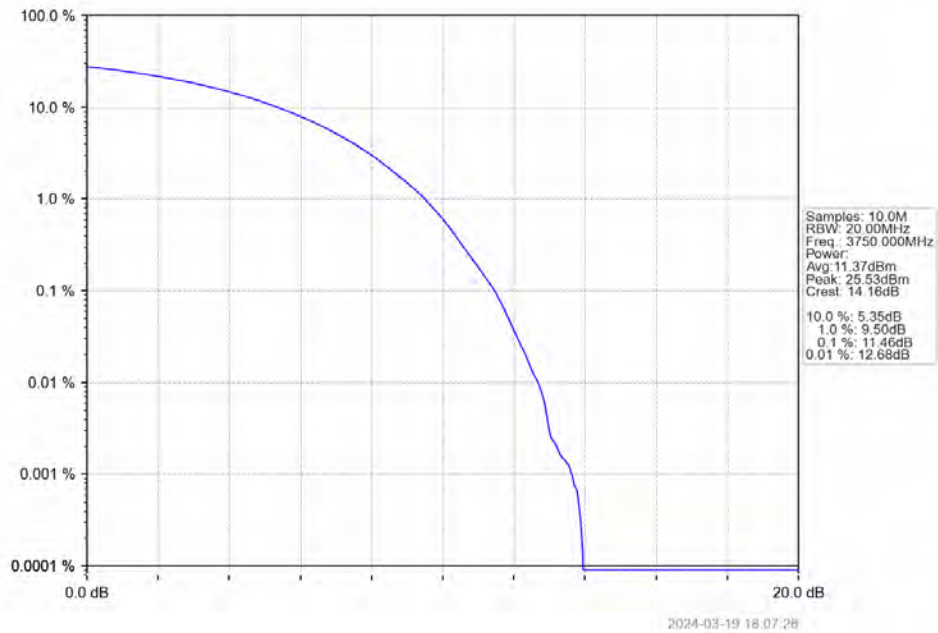
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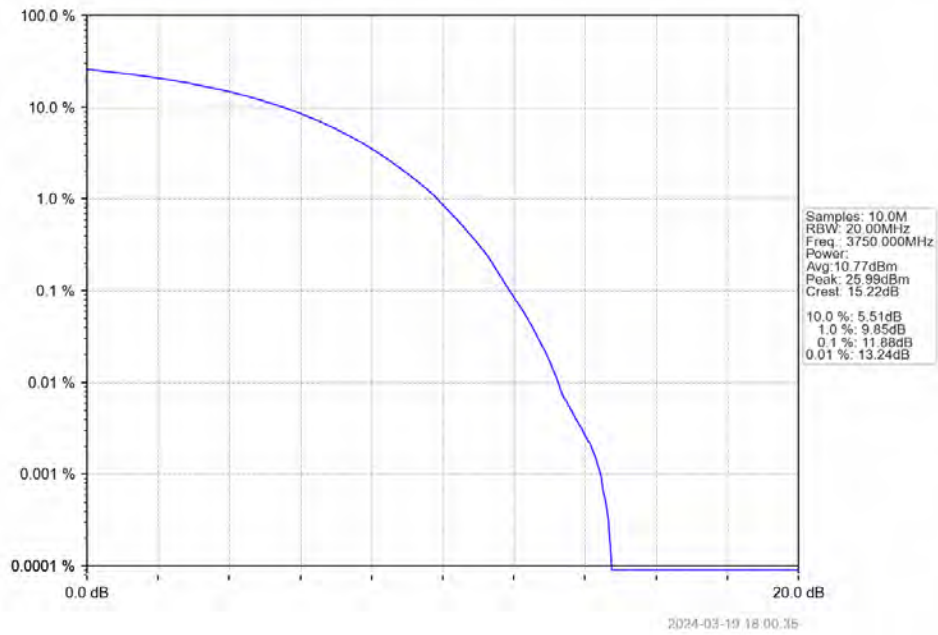
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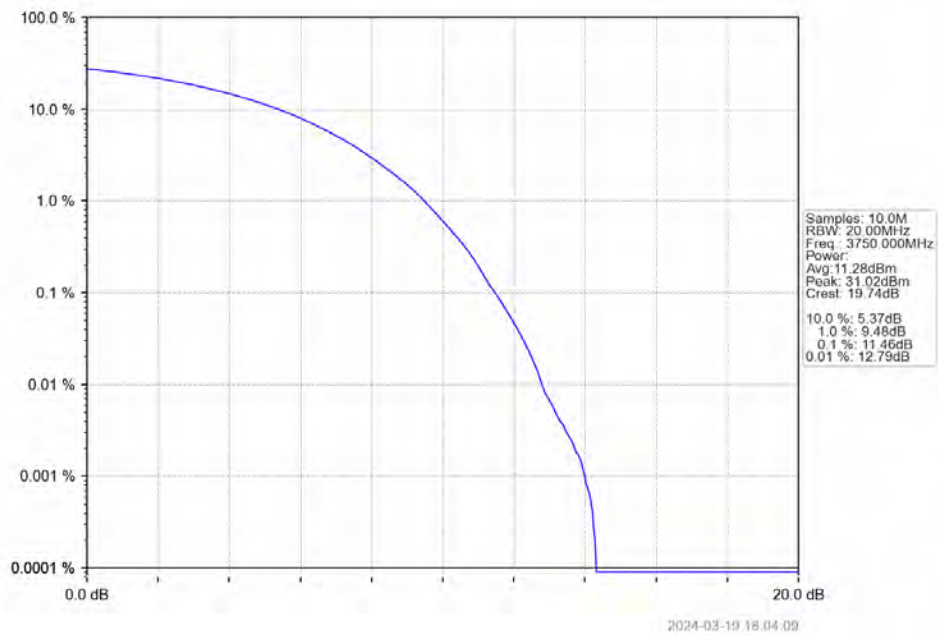
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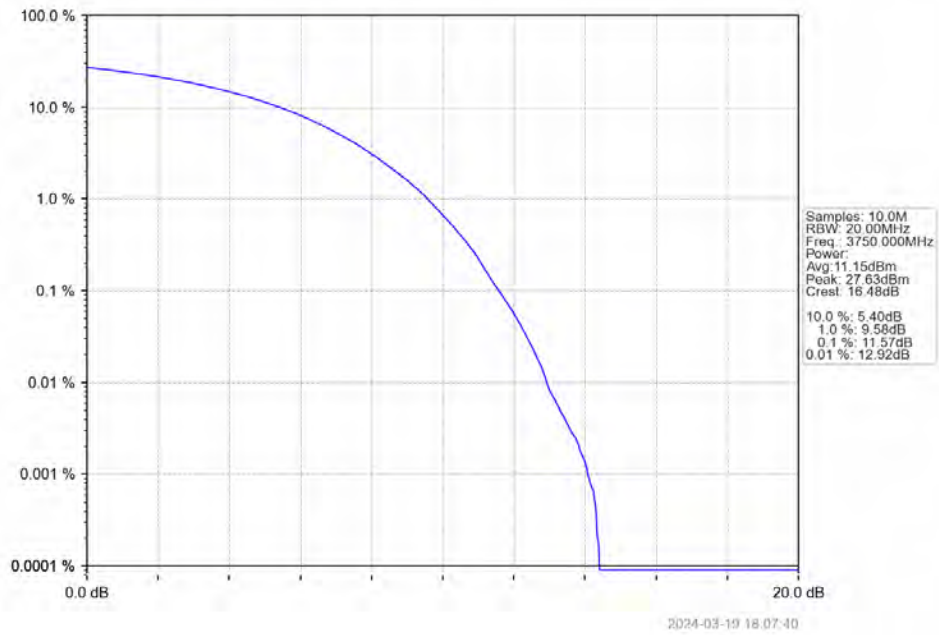
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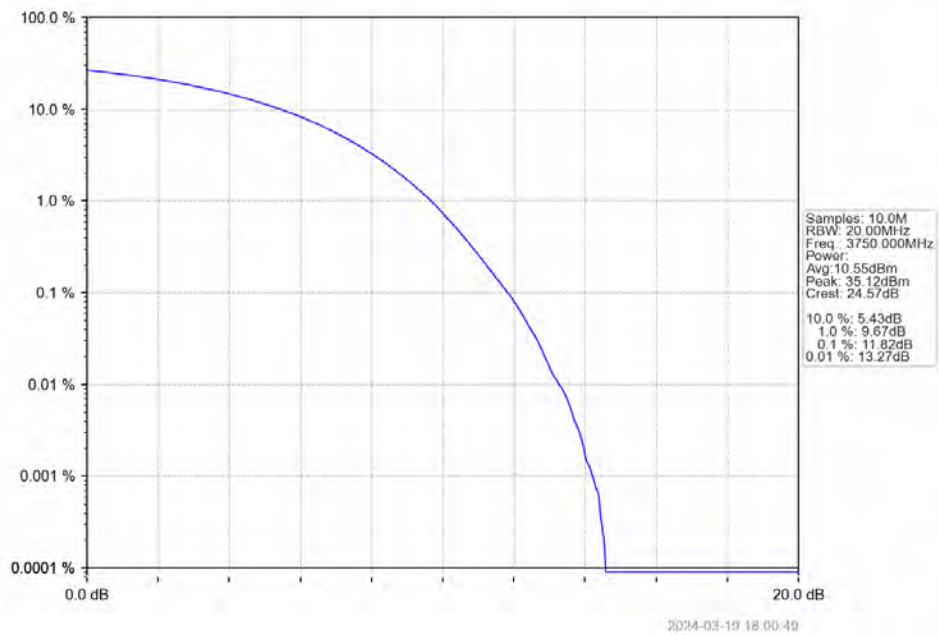
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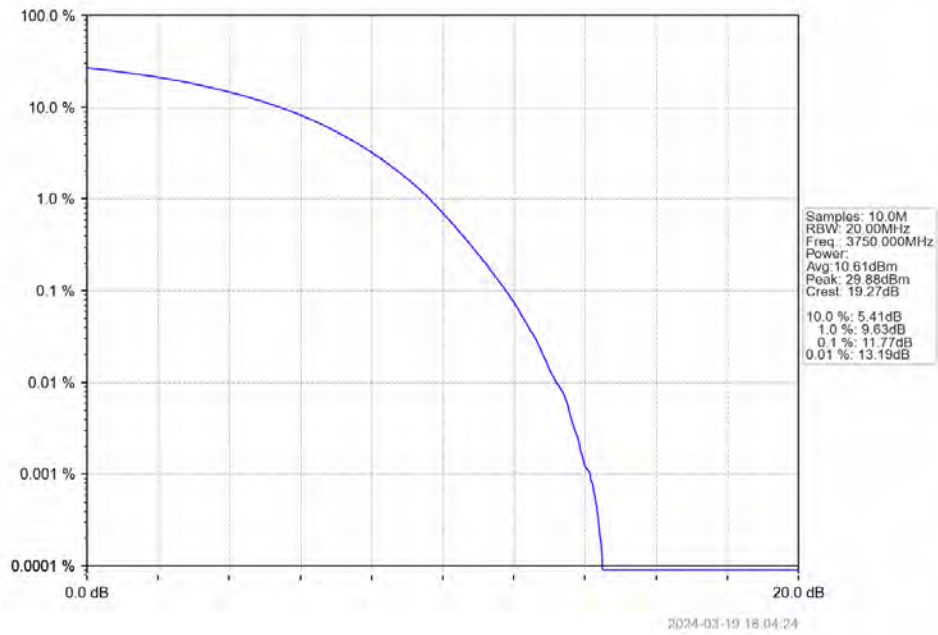
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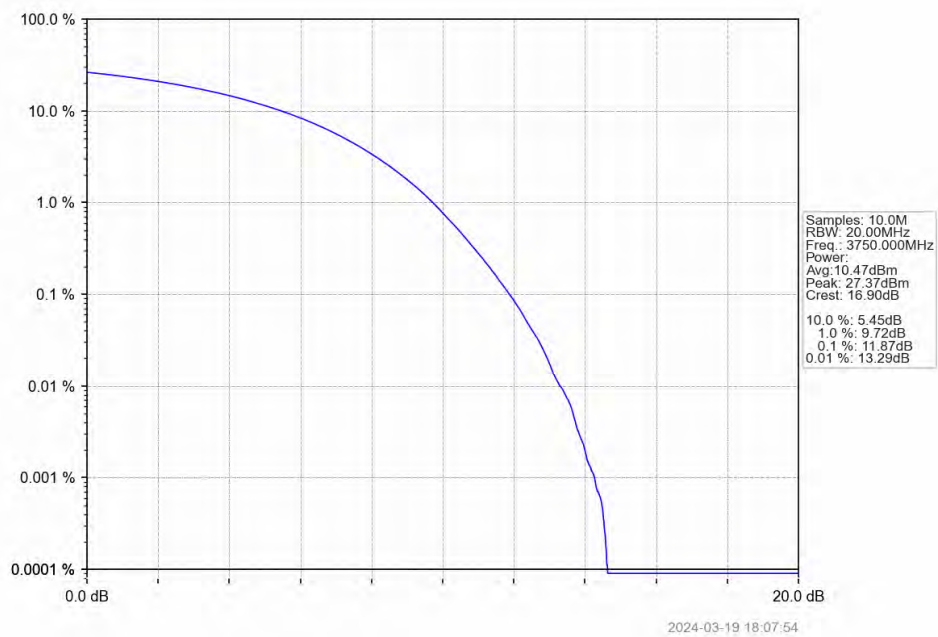
n78a 30kHz SISO NTN 100MHz CP-OFDM 64 QAM 3750MHz Outer Full



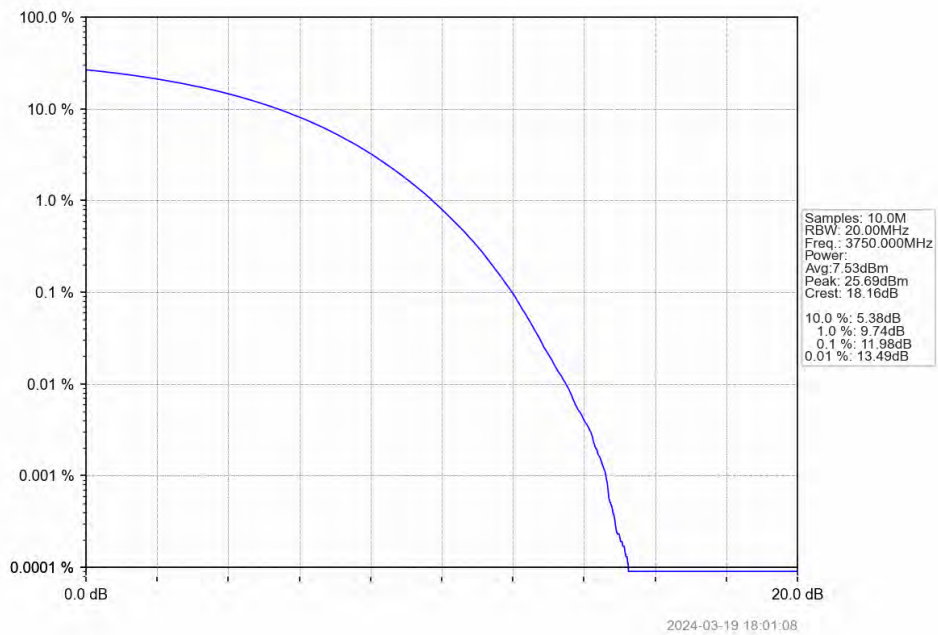
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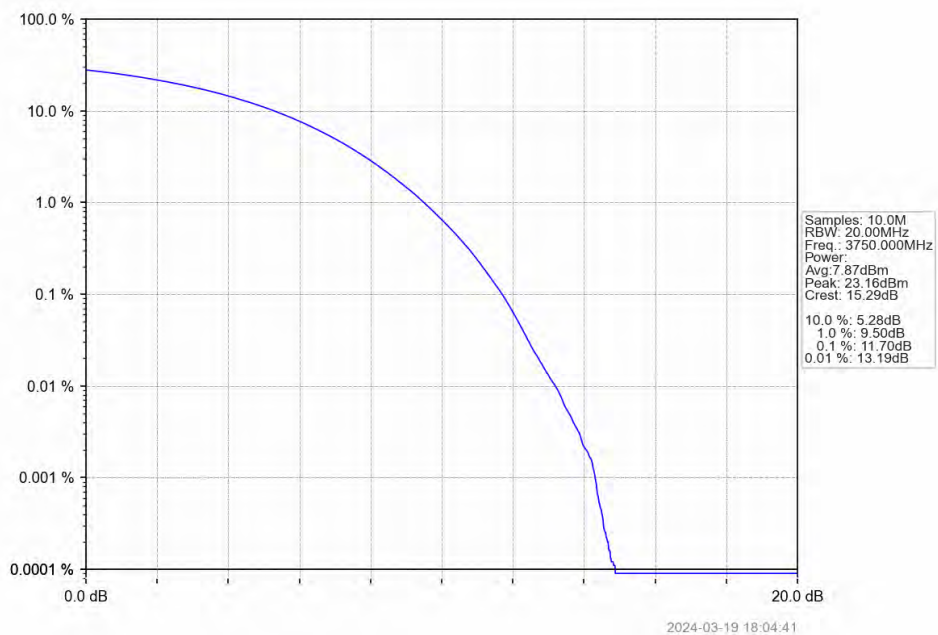
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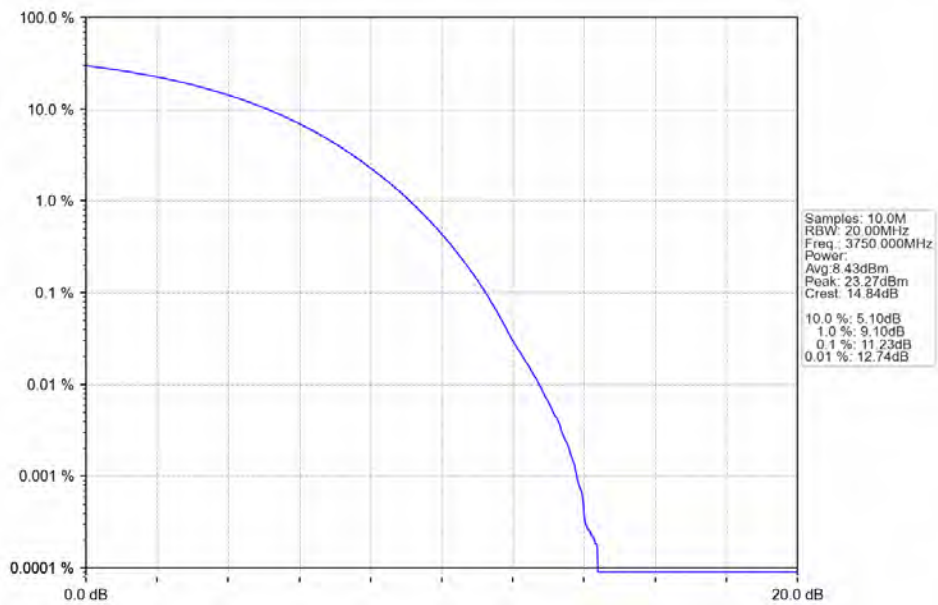


n78a 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3750MHz Outer Full



n78a 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3750MHz Outer Full





5. Spurious Emission

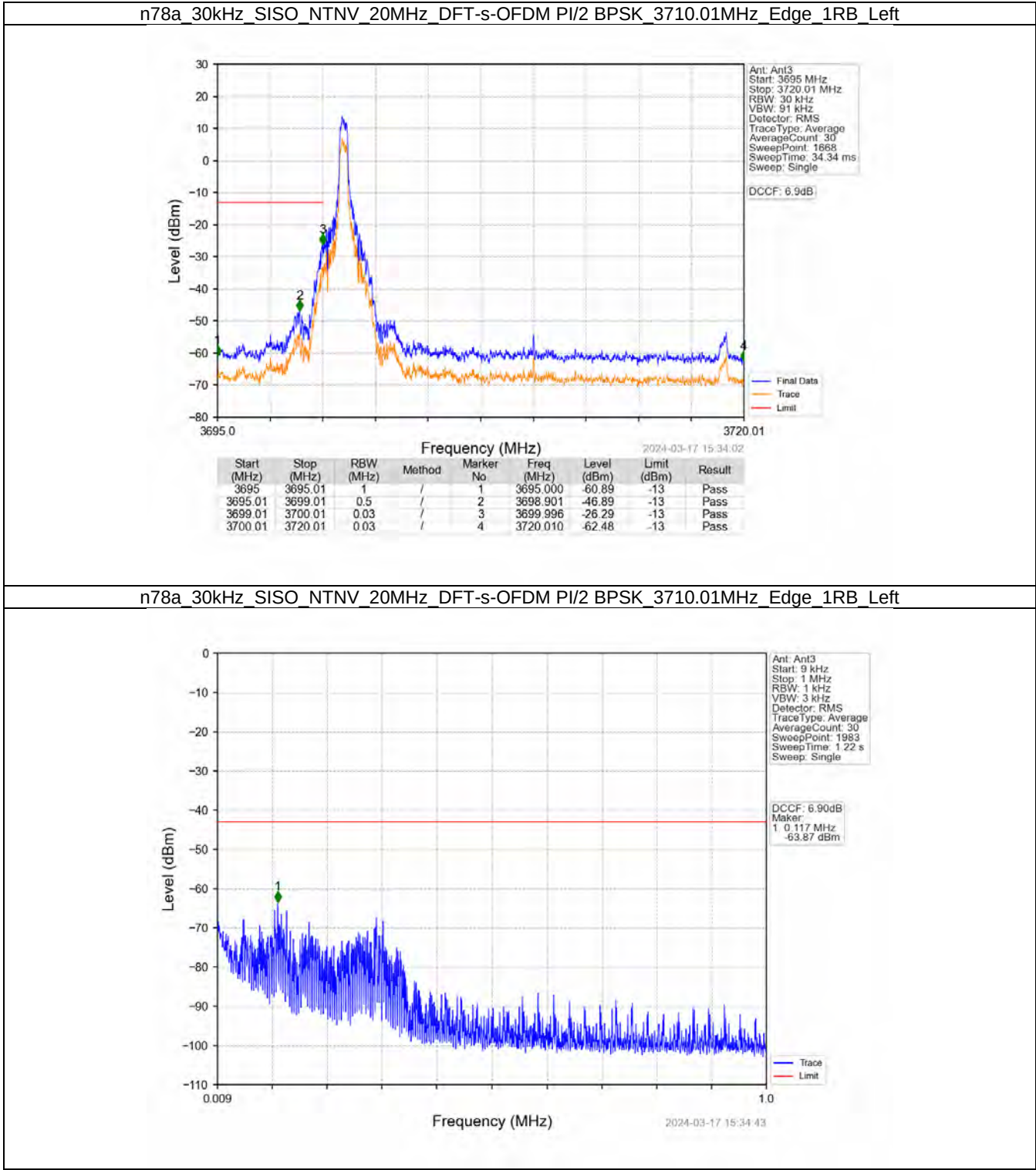
5.1 30k_20MHz_NTNV

5.1.1 Test Result

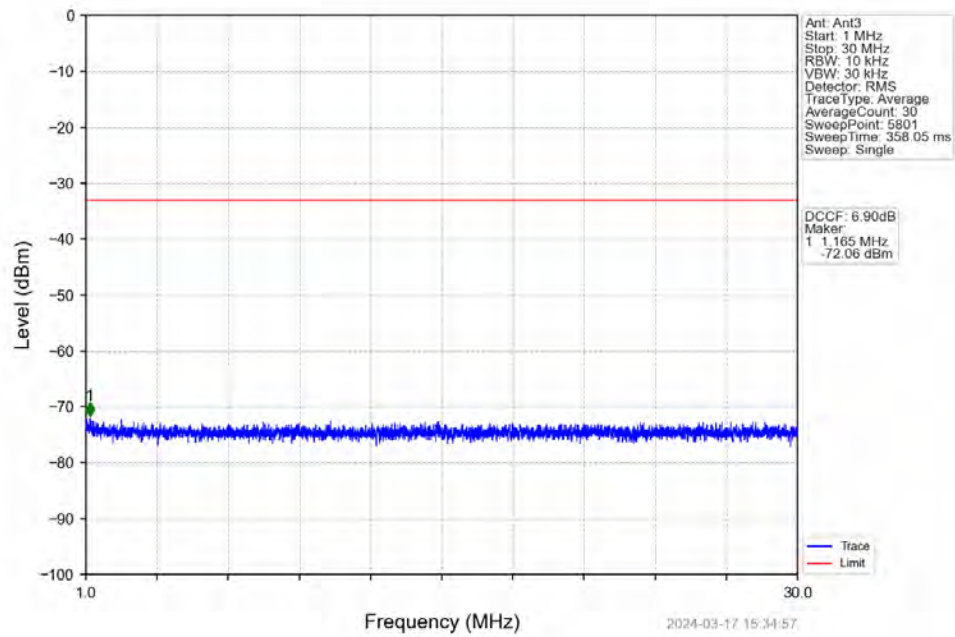
5G NR n78a SCS=30kHz SISO 20MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant7	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3710.01	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	3750	Edge_1RB_Left	Refer To Test Graph				Pass	
		3789.99	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	3710.01	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
		3750	Edge_1RB_Left	Refer To Test Graph				Pass
	3789.99		Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
			Inner_1RB_Right	Refer To Test Graph				Pass

5G NR n78a SCS=30kHz MIMO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3710.01	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
	3789.99	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

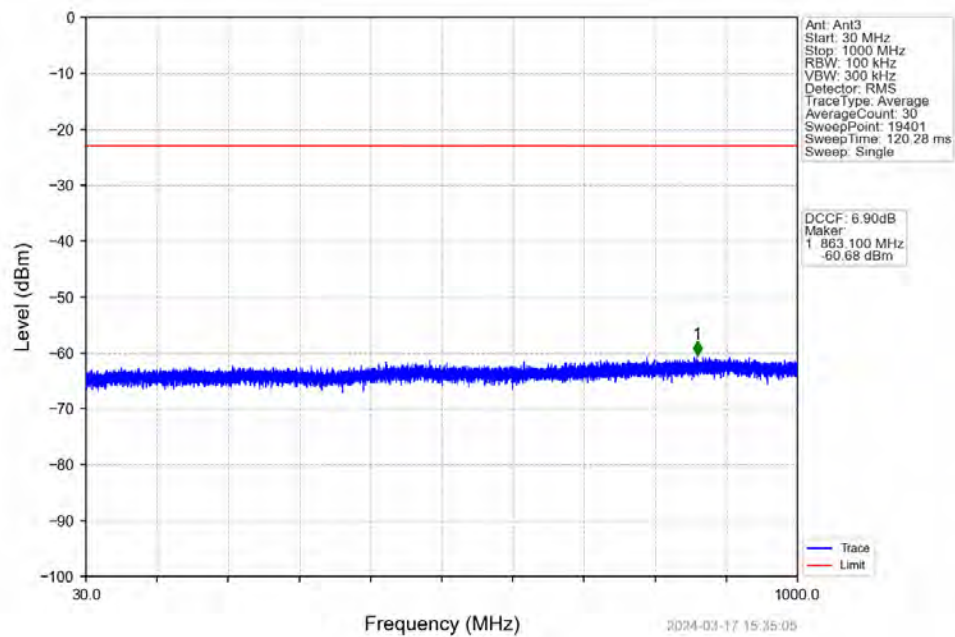
5.1.2 Test Graph



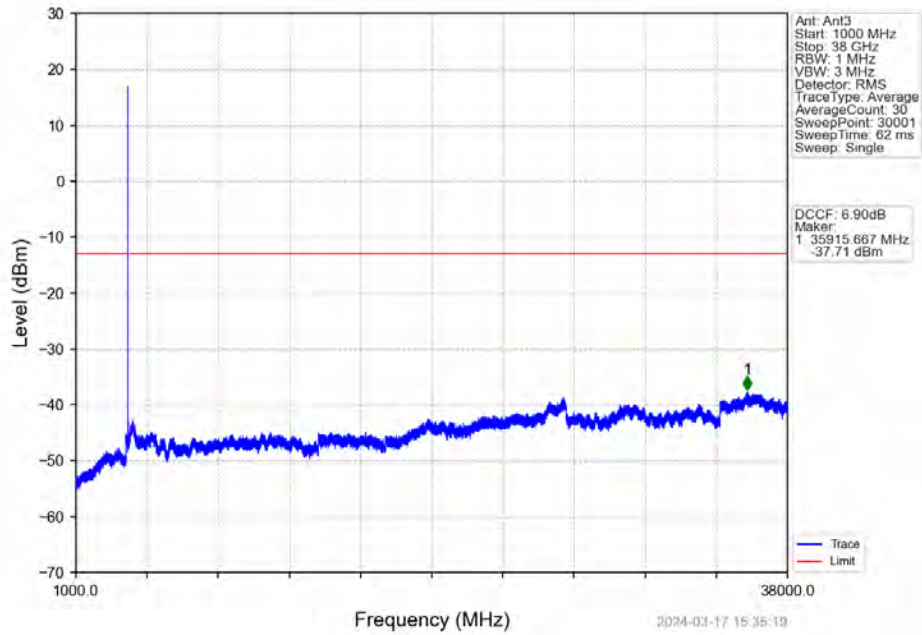
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3710.01MHz Edge 1RB Left



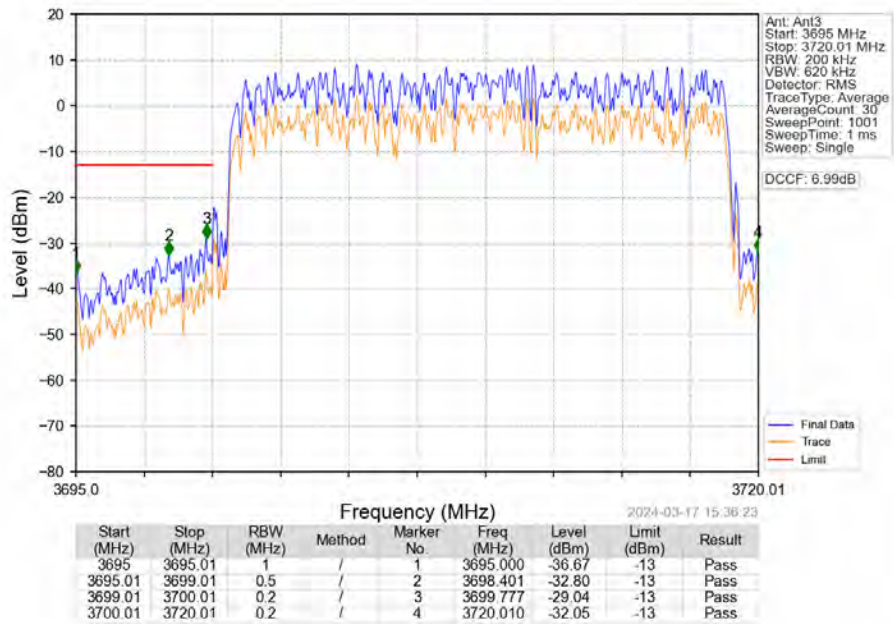
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3710.01MHz Edge 1RB Left



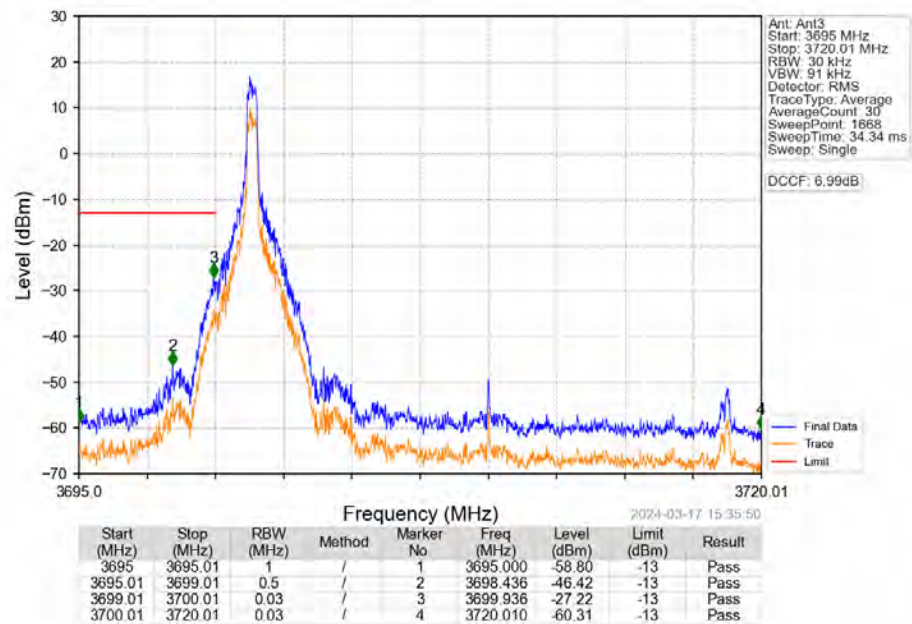
n78a 30kHz SISO NTV 20MHz DFT-s-OFDM PI/2 BPSK 3710.01MHz Edge 1RB Left



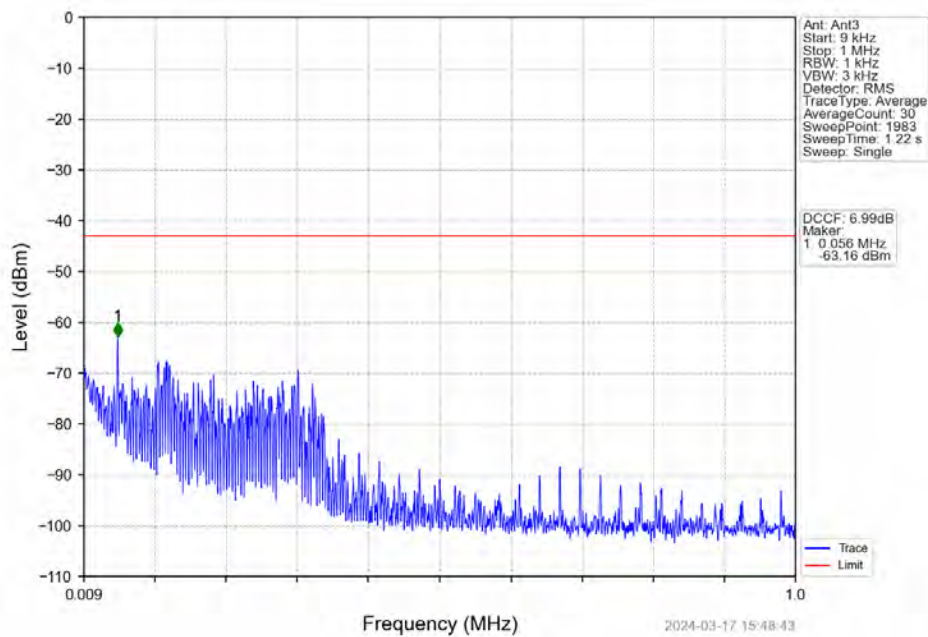
n78a 30kHz SISO NTV 20MHz DFT-s-OFDM PI/2 BPSK 3710.01MHz Outer Full



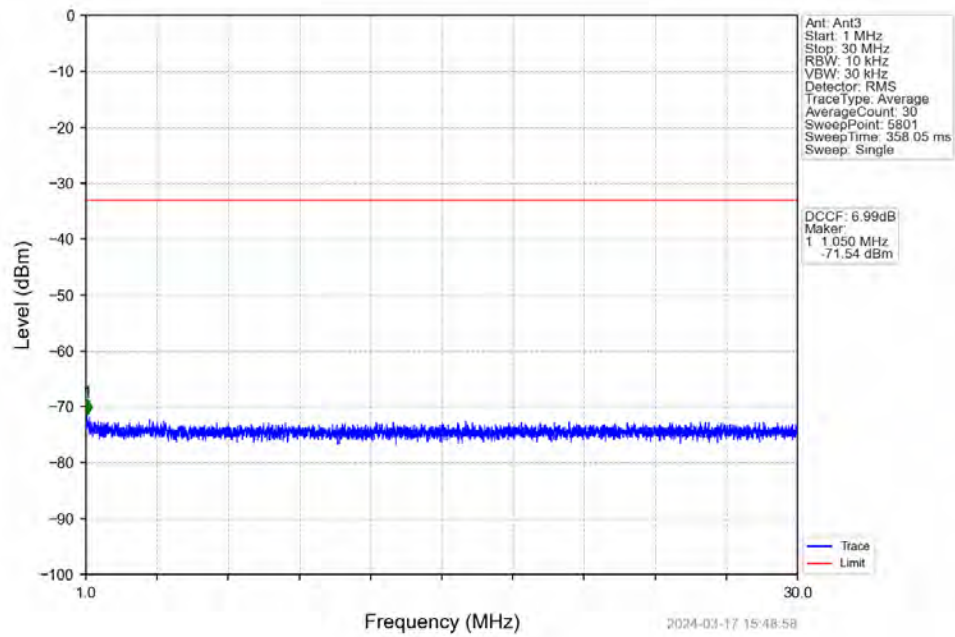
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3710.01MHz Inner 1RB Left



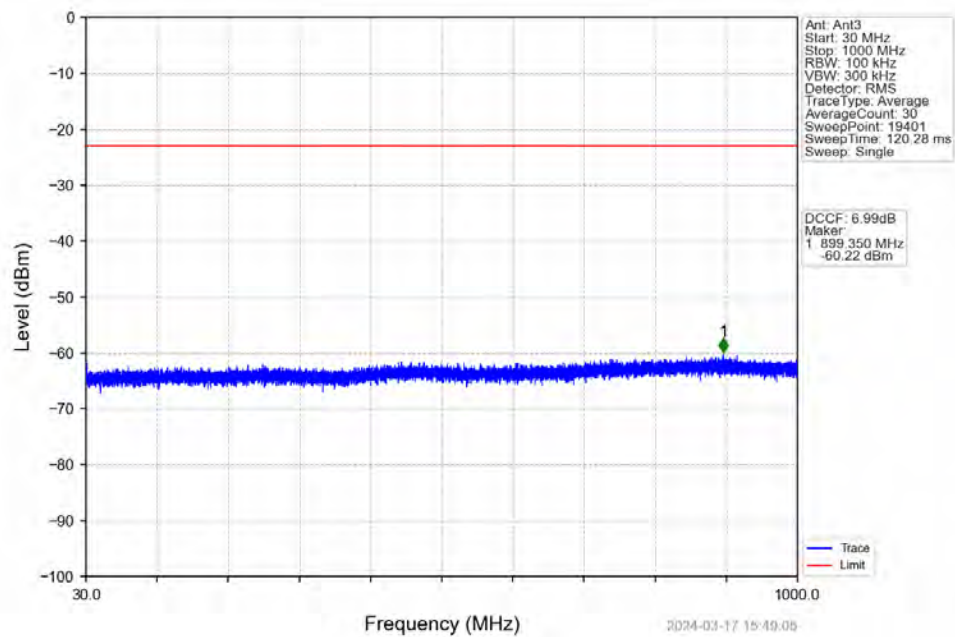
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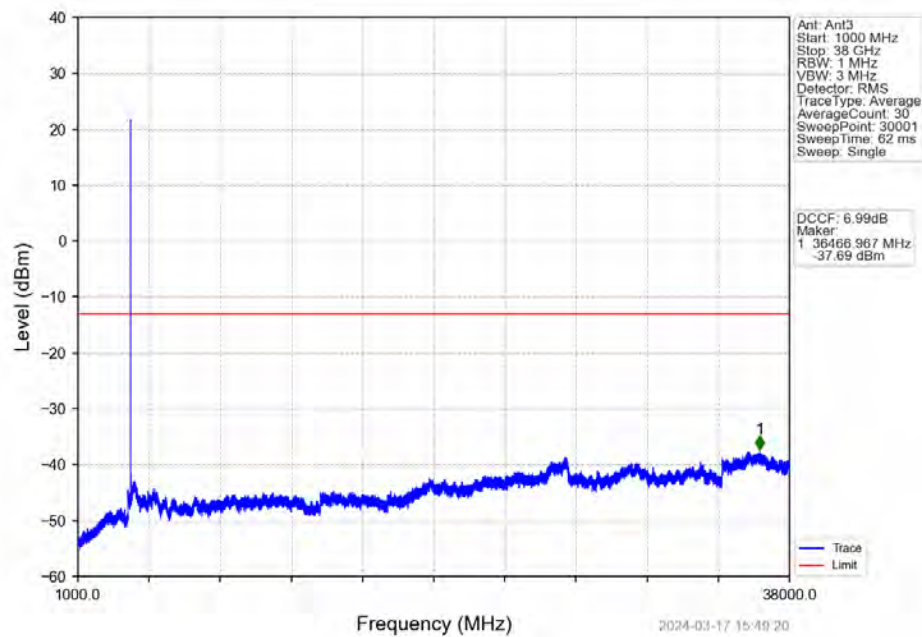
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



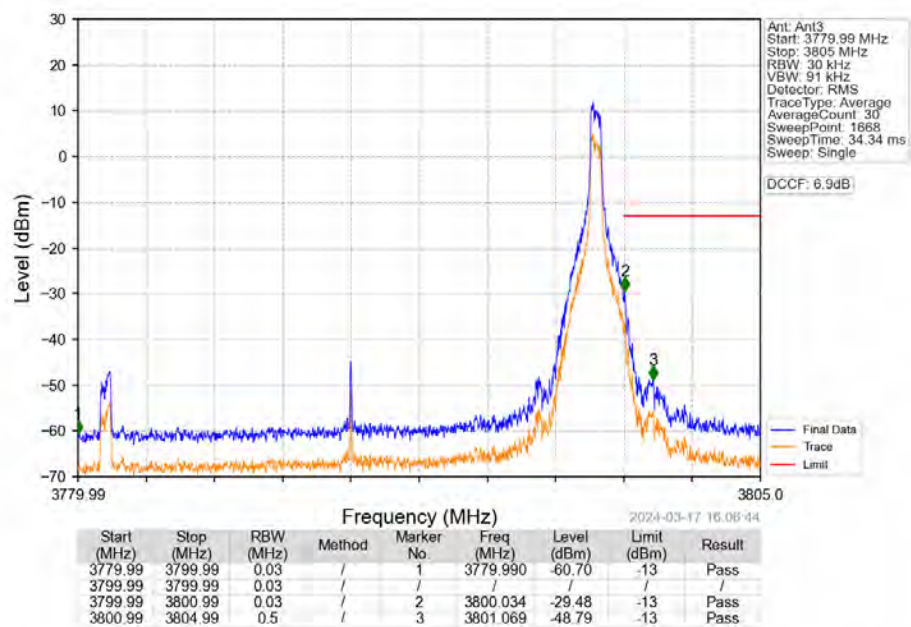
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



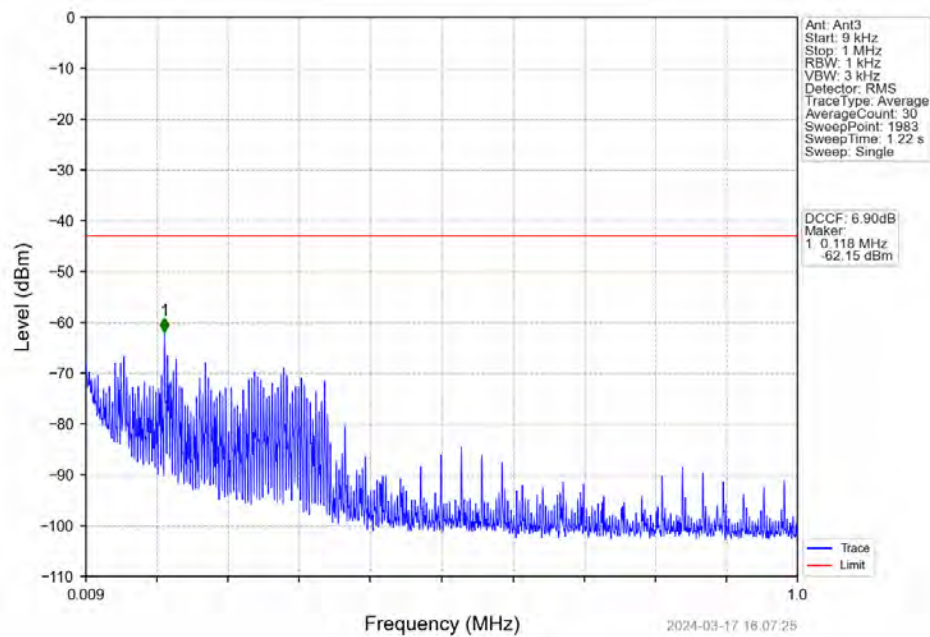
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



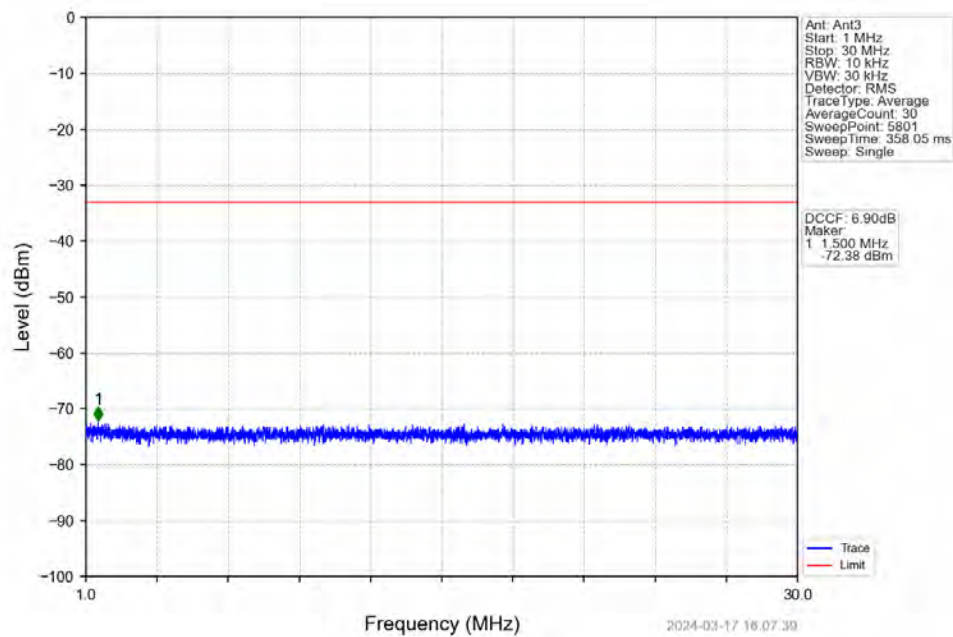
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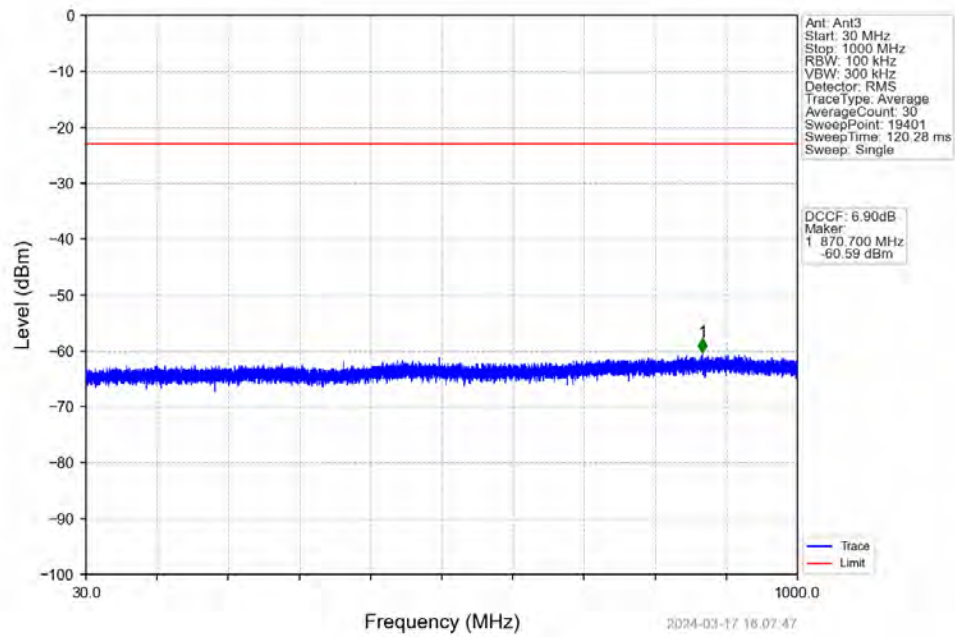
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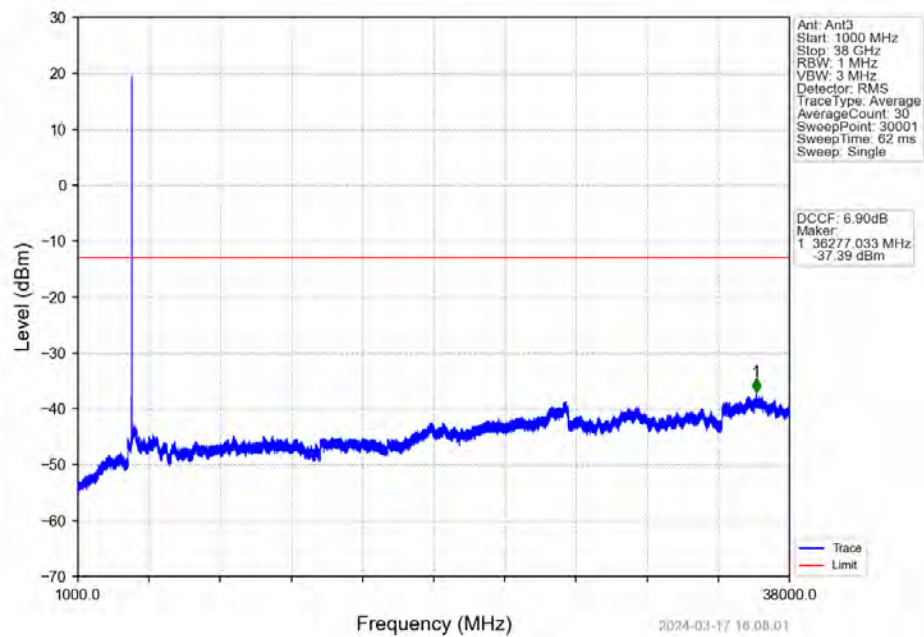
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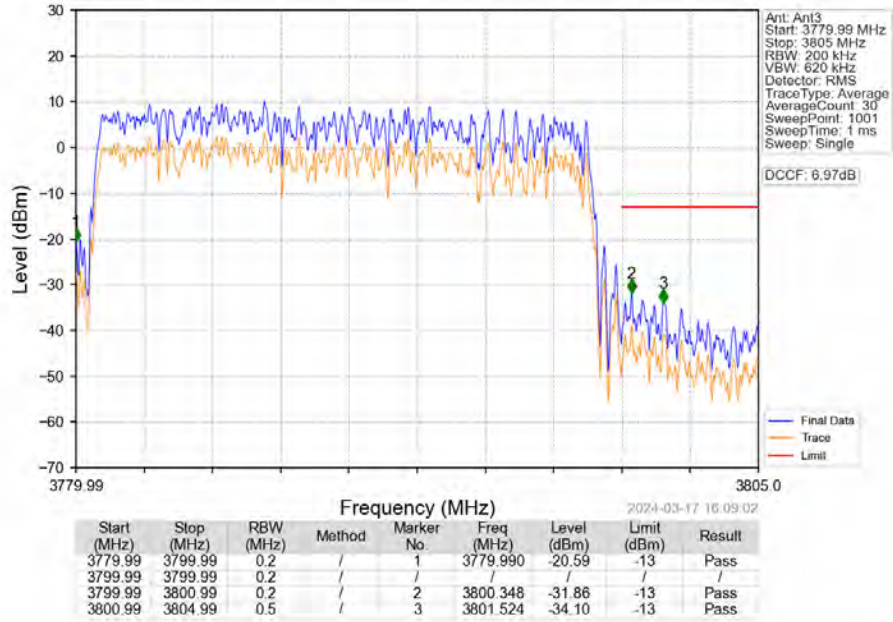
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3789.99MHz Edge 1RB Right



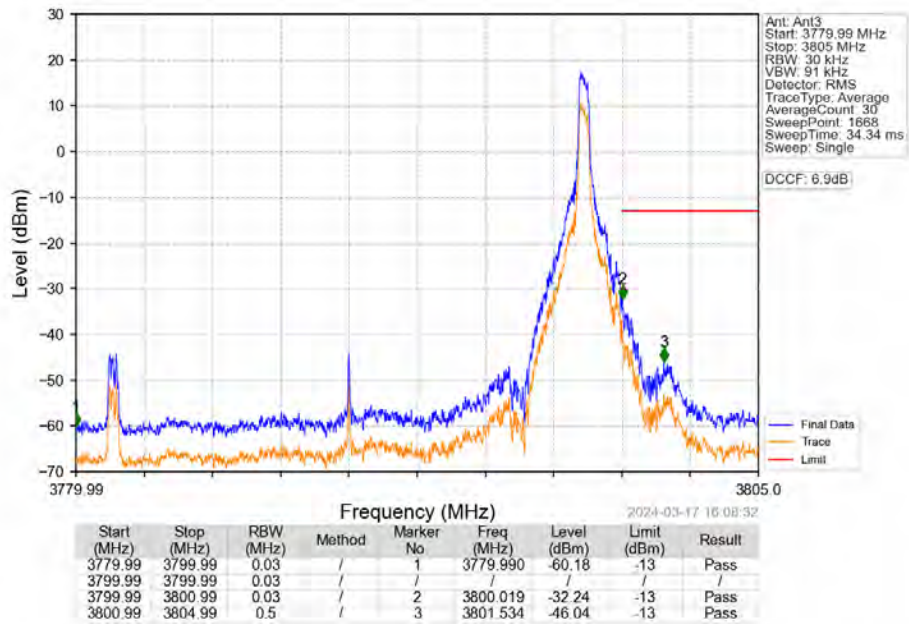
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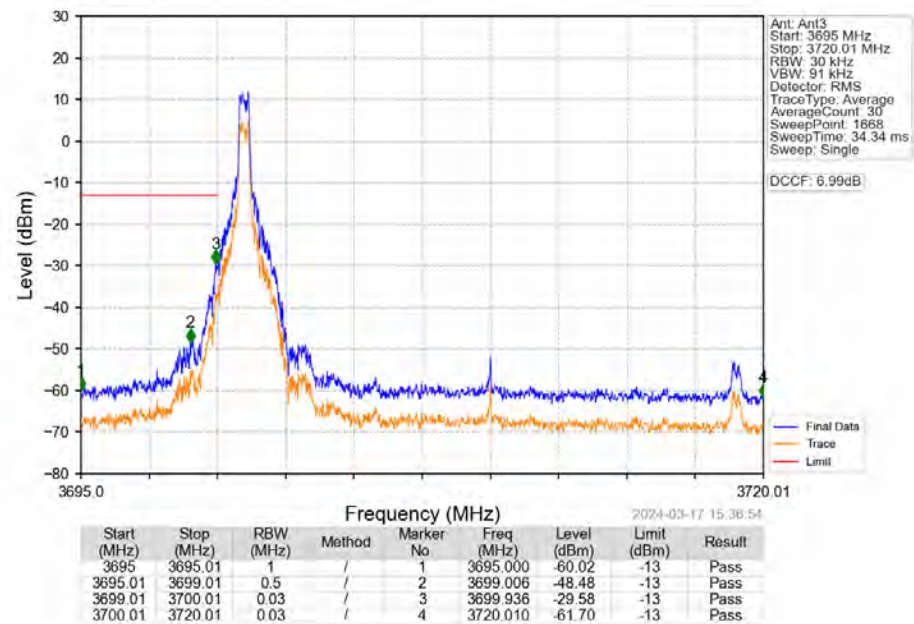
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3789.99MHz Outer Full



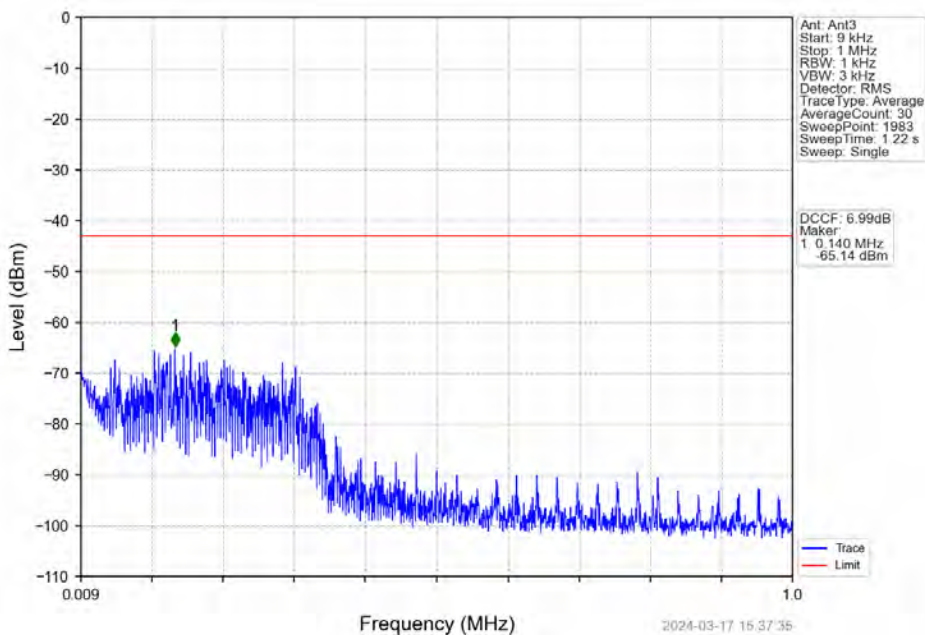
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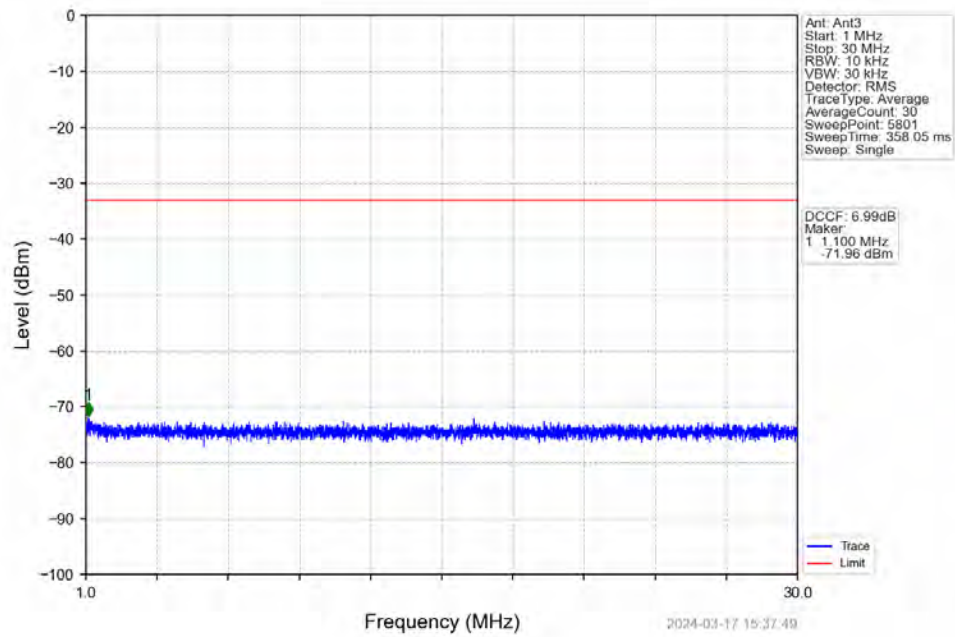
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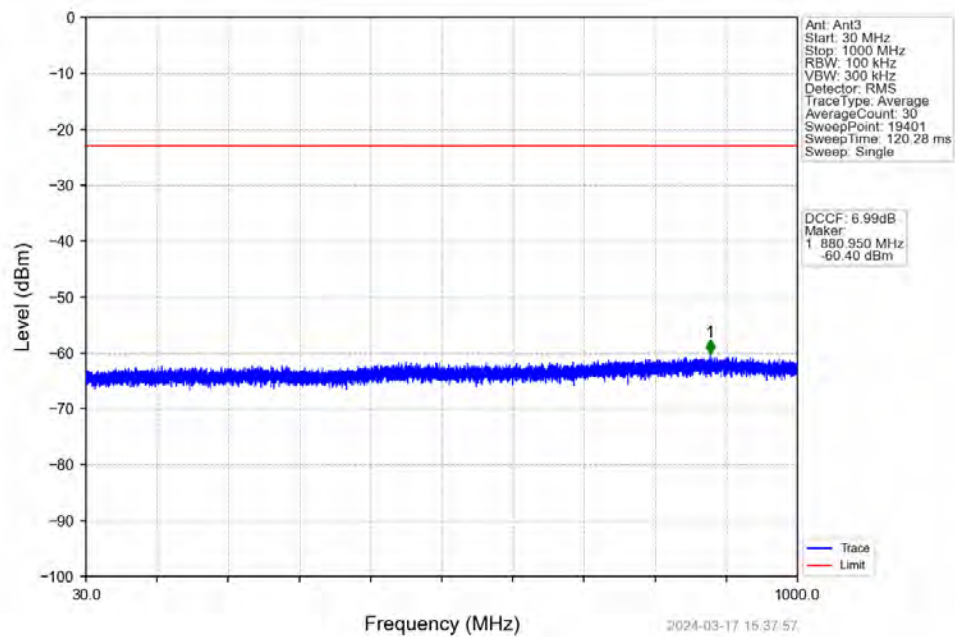
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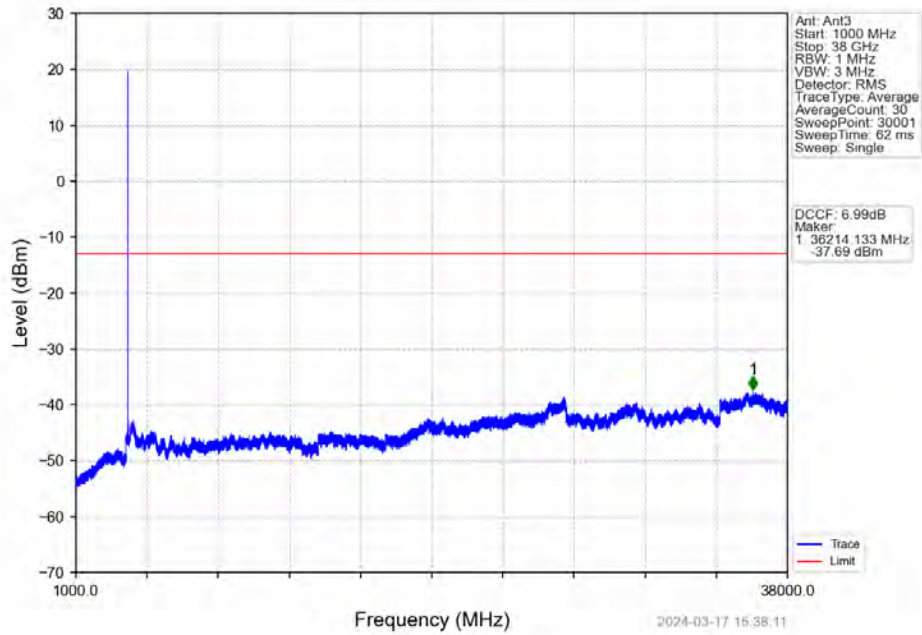
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3710.01MHz Edge 1RB Left



n78a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3710.01MHz Edge 1RB Left



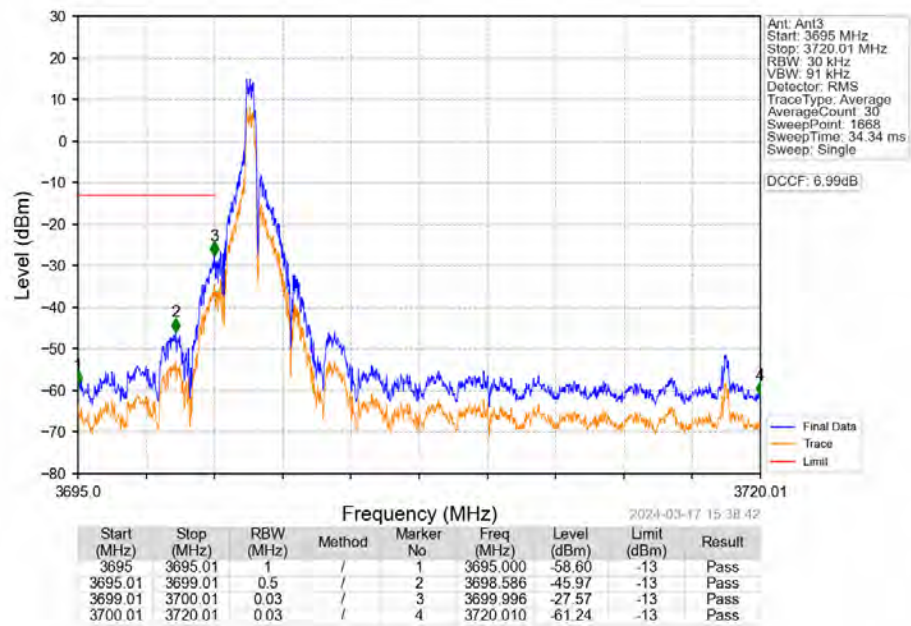
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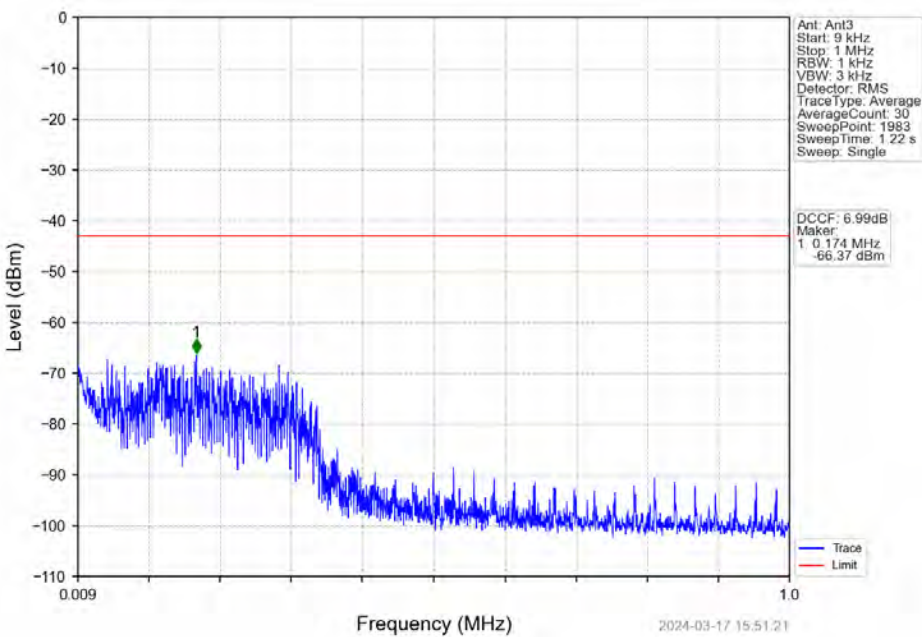
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3710.01MHz Outer Full



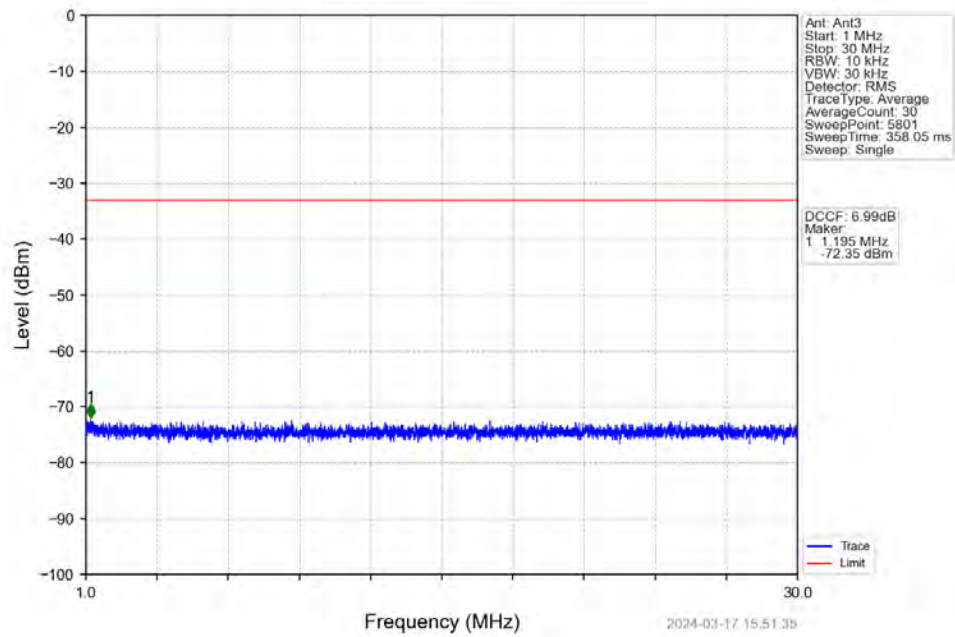
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3710.01MHz Inner 1RB Left



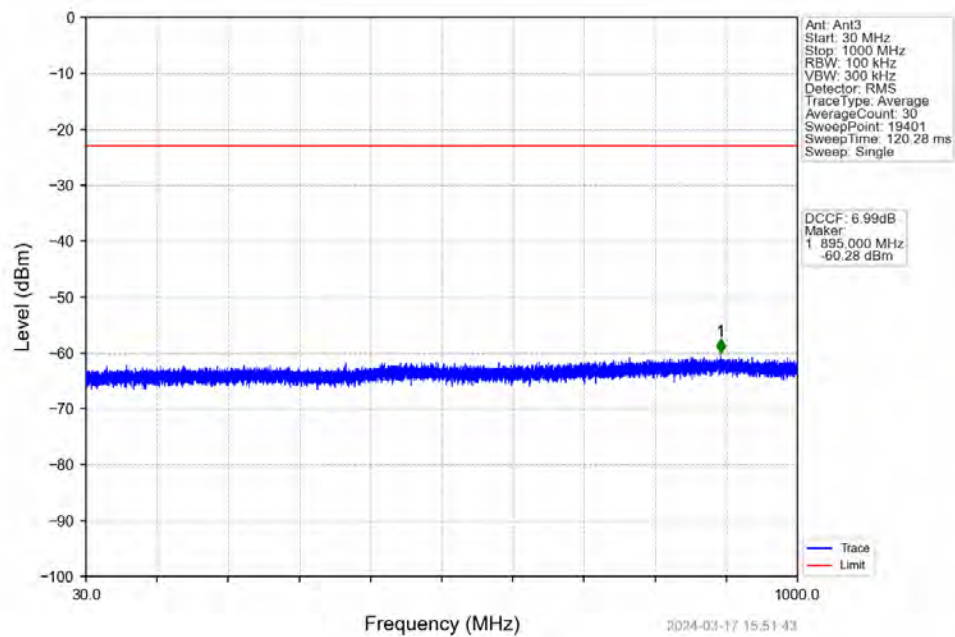
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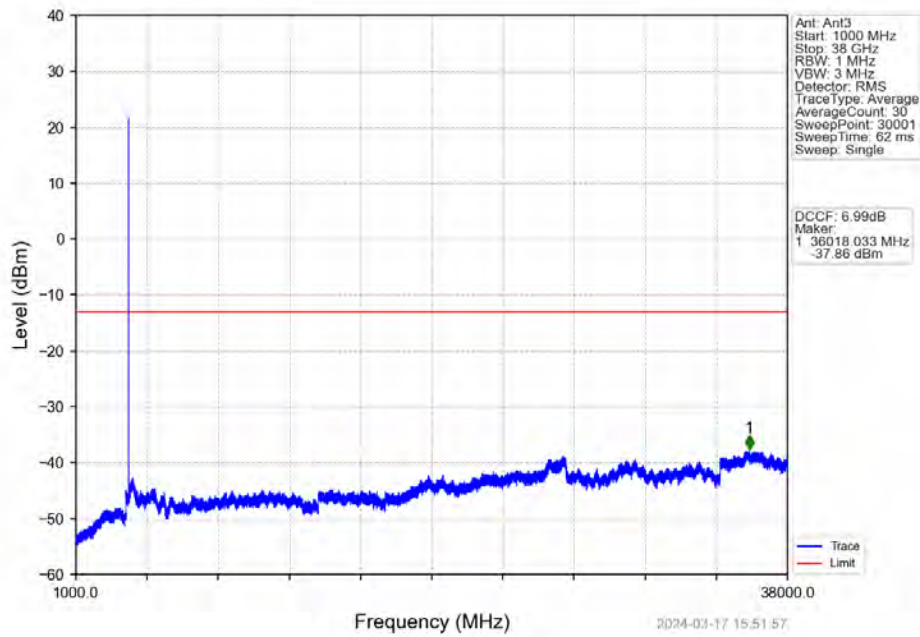
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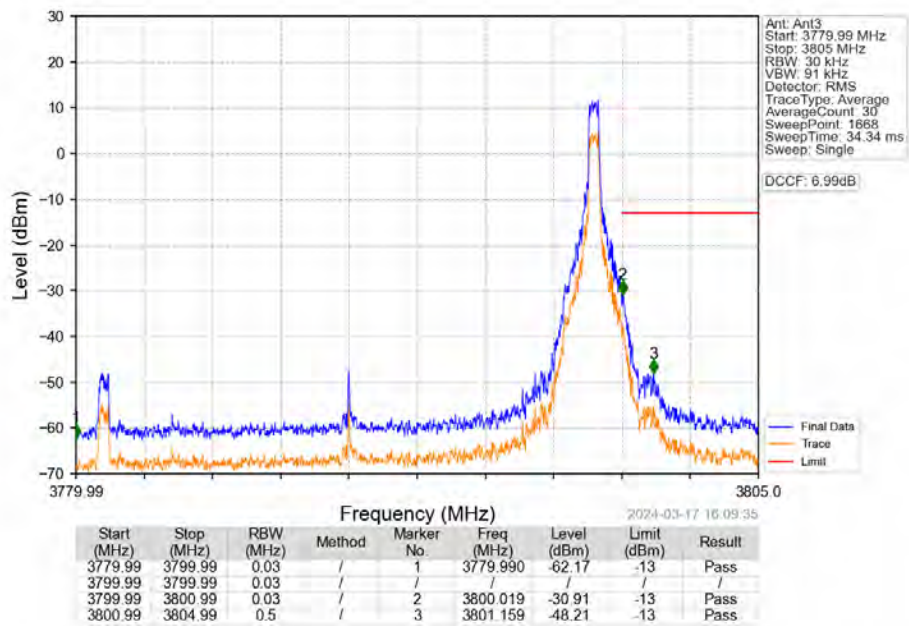
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3750MHz Edge 1RB Left



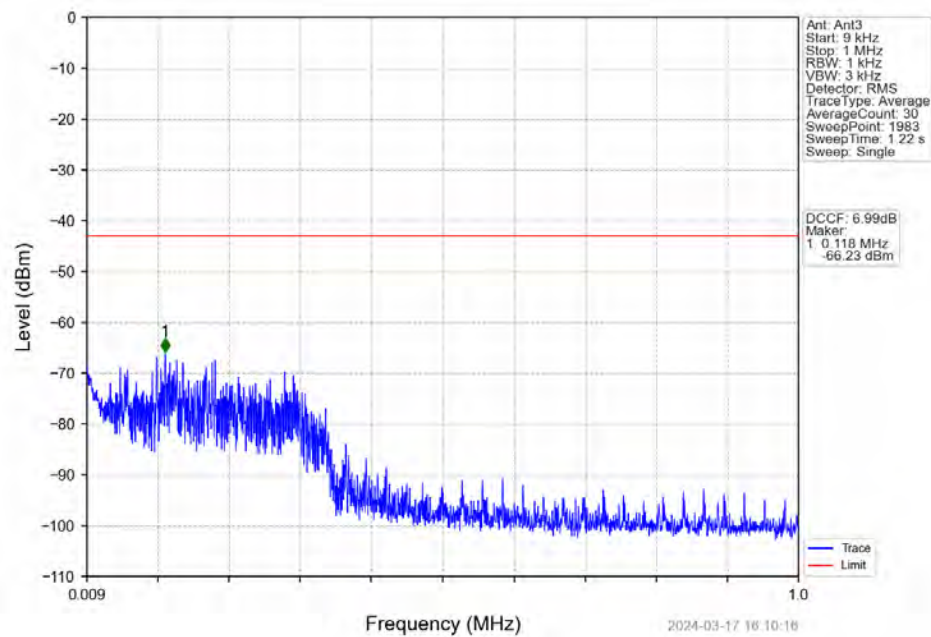
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3750MHz Edge 1RB Left



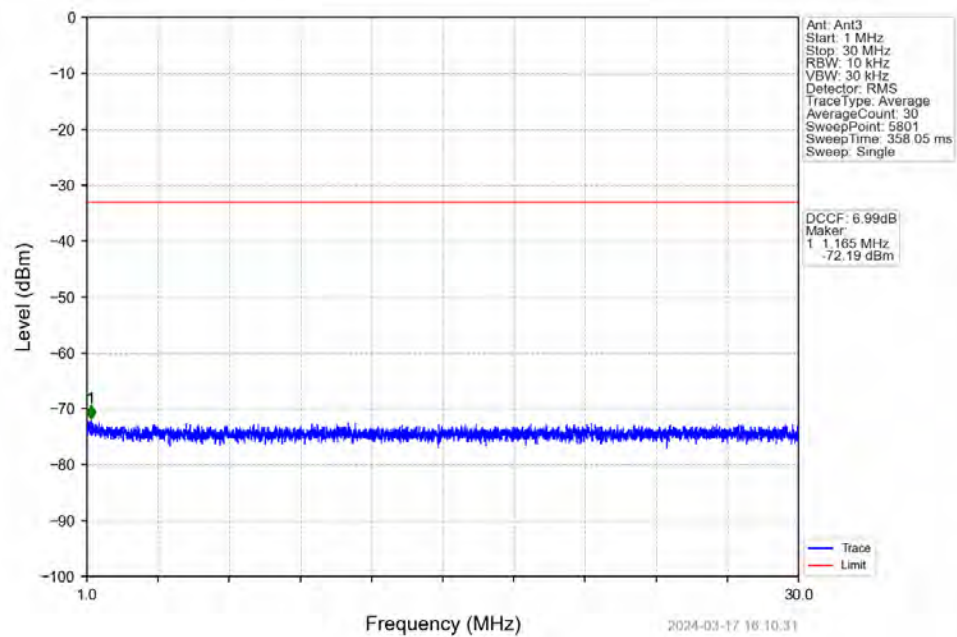
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3789.99MHz Edge 1RB Right



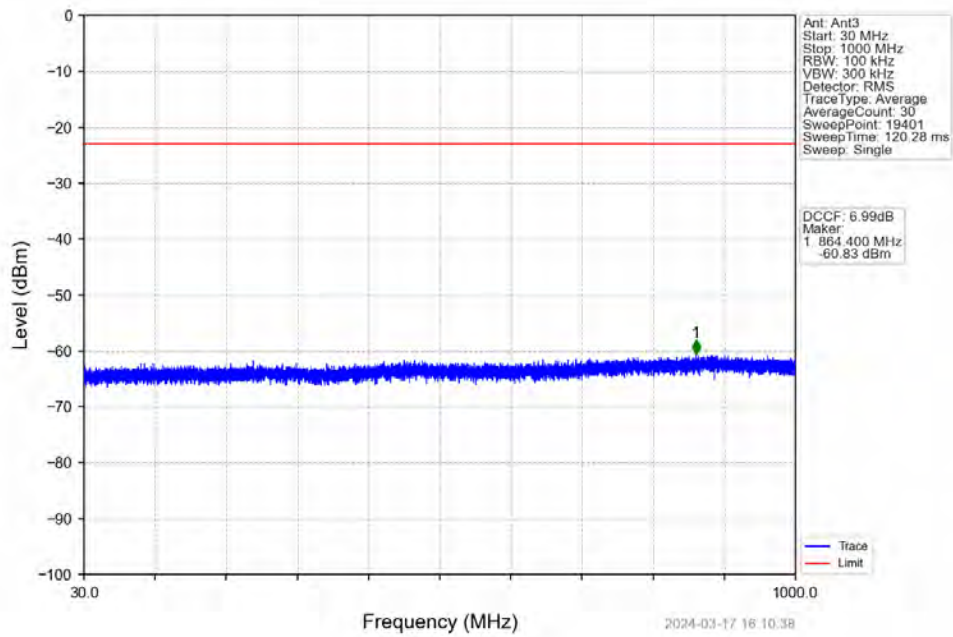
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3789.99MHz Edge 1RB Right



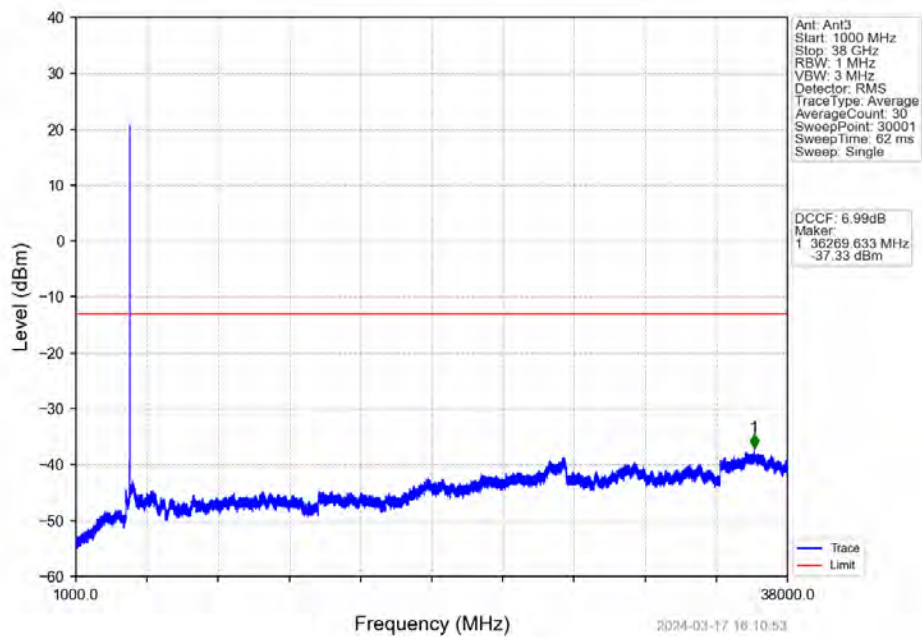
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3789.99MHz Edge 1RB Right



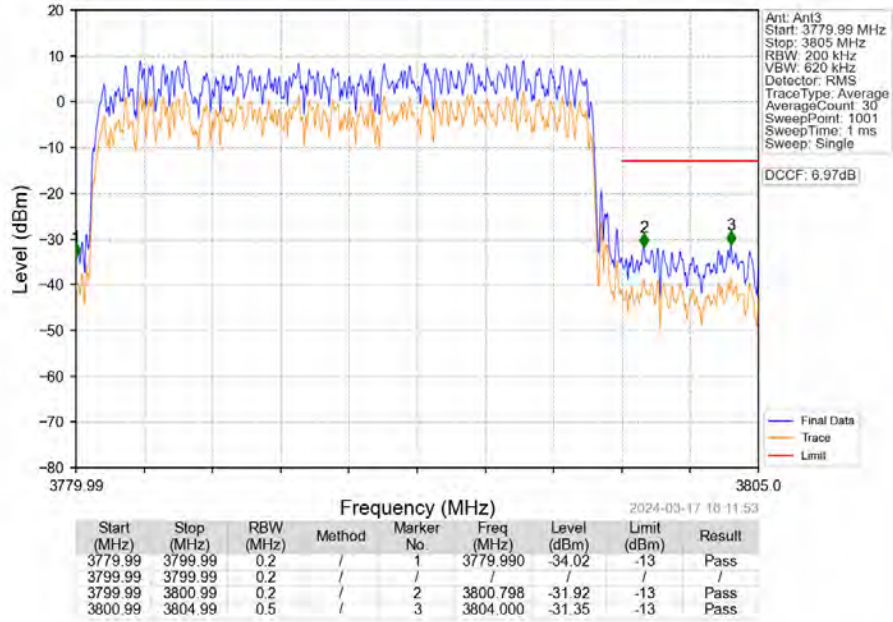
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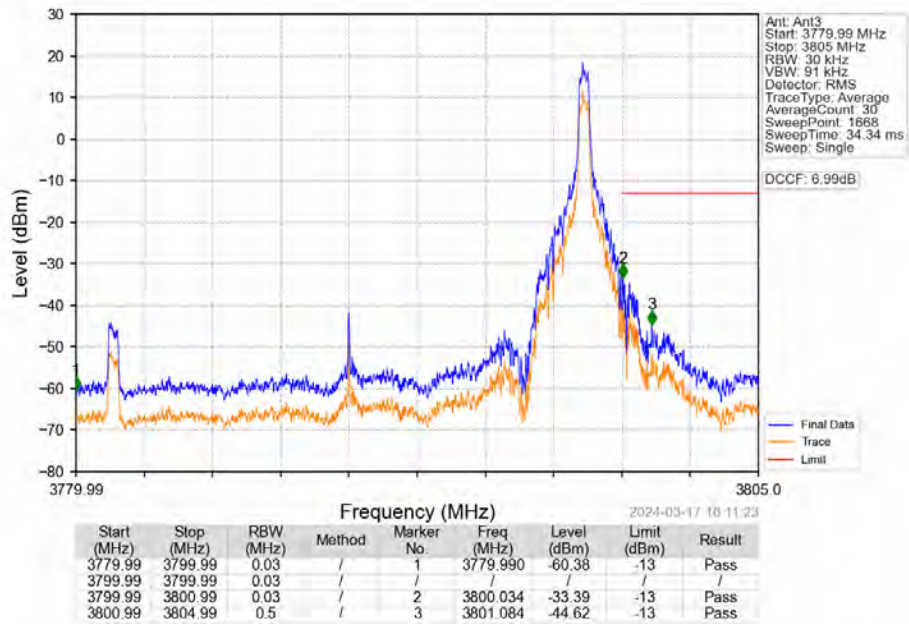
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3789.99MHz Edge 1RB Right



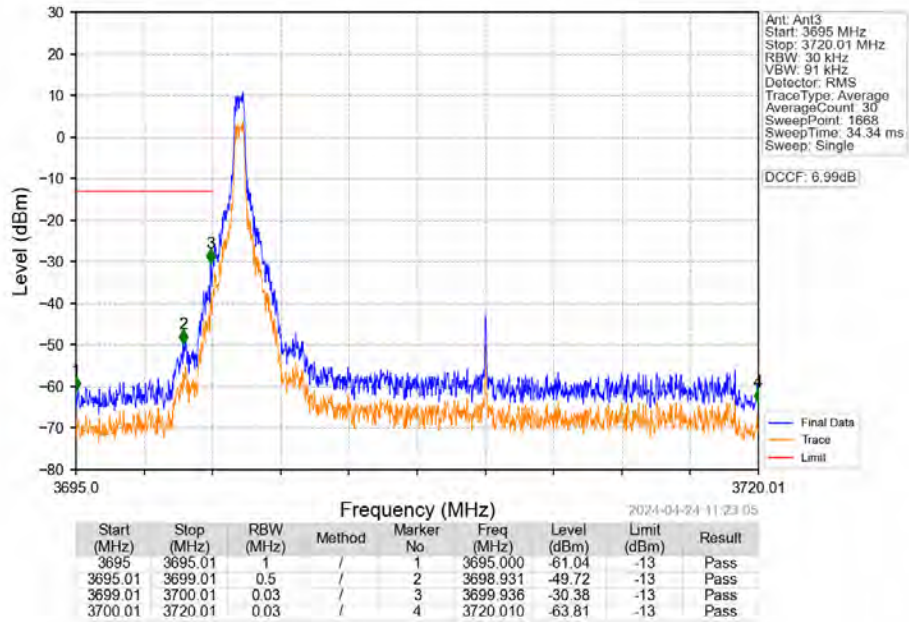
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3789.99MHz Outer Full



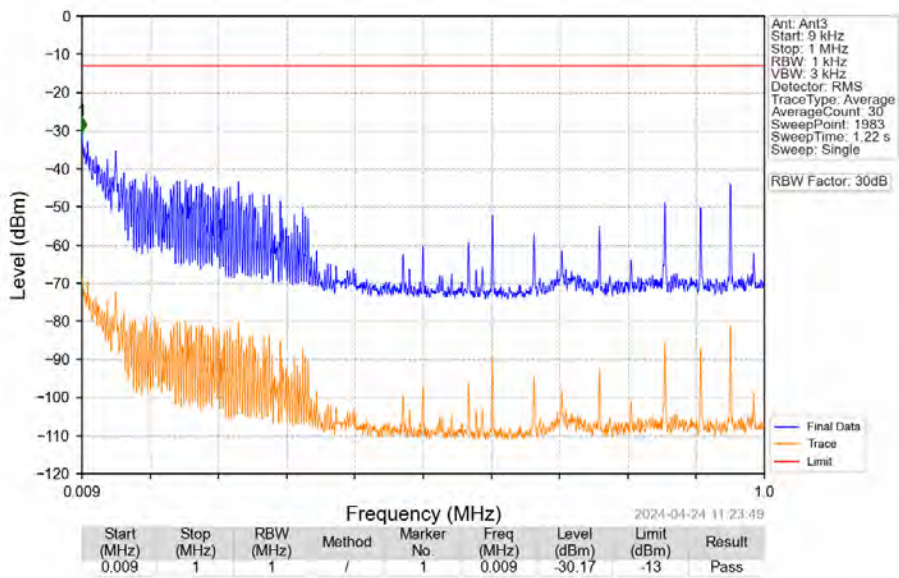
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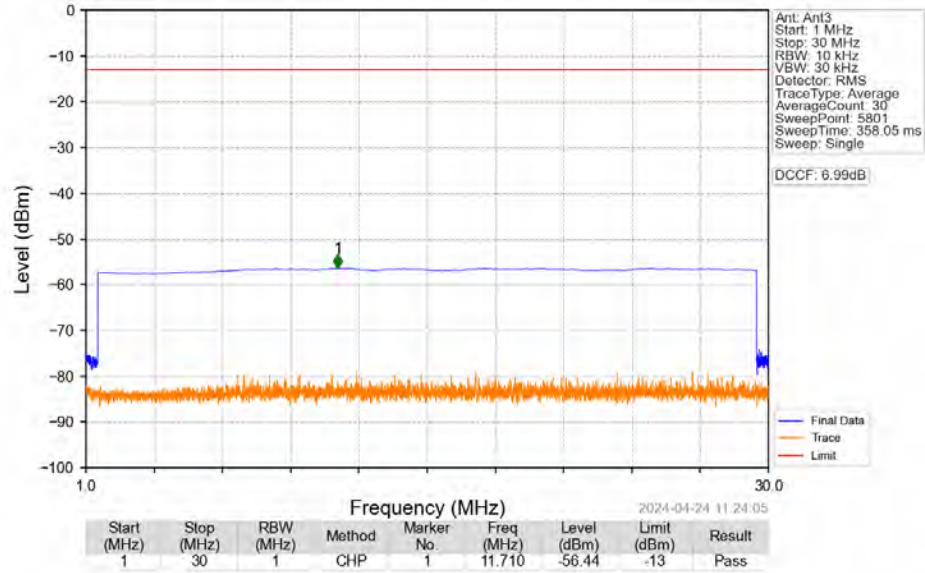
n78a 30kHz MIMO NTN 20MHz CP-OFDM QPSK 3710.01MHz Edge 1RB Left



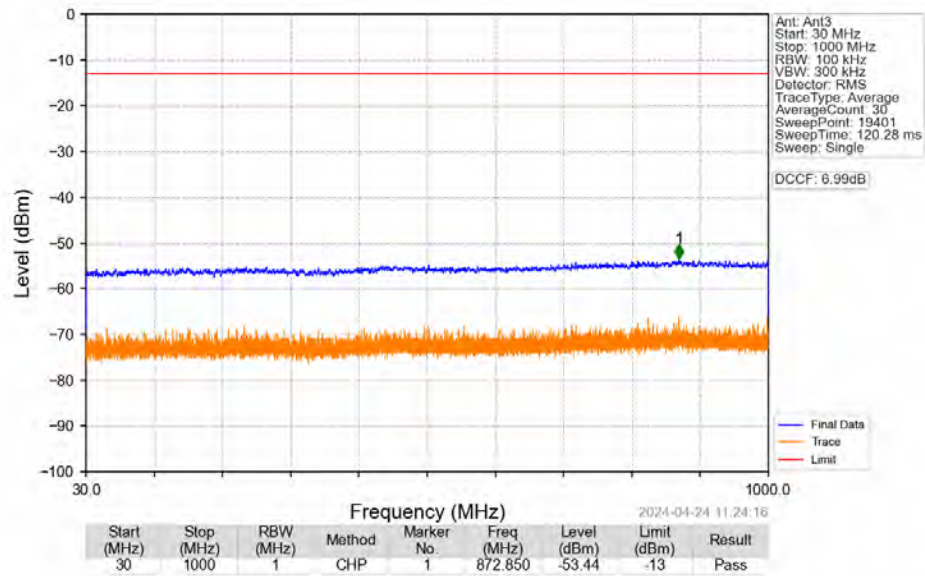
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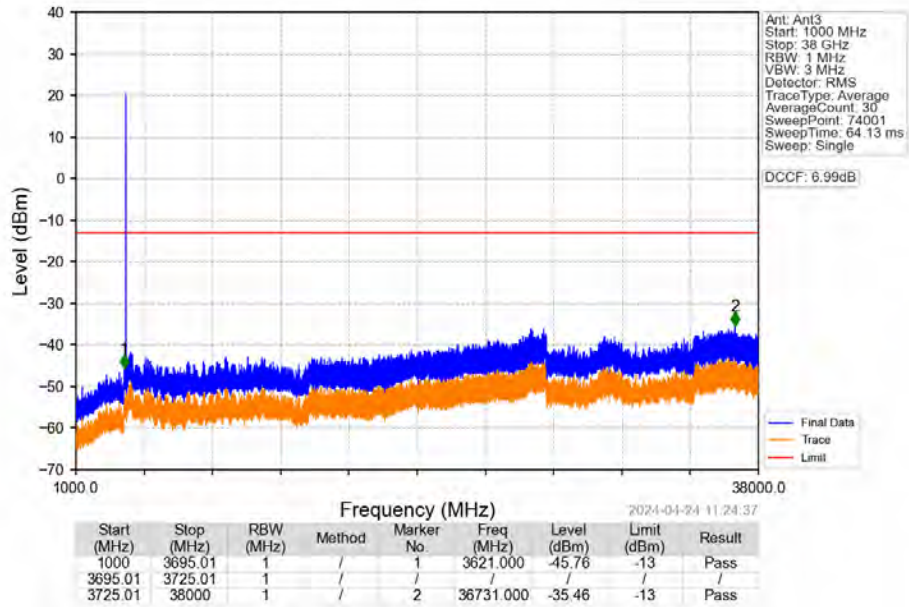
n78a 30kHz MIMO NTNv 20MHz CP-OFDM QPSK 3710.01MHz Edge 1RB Left



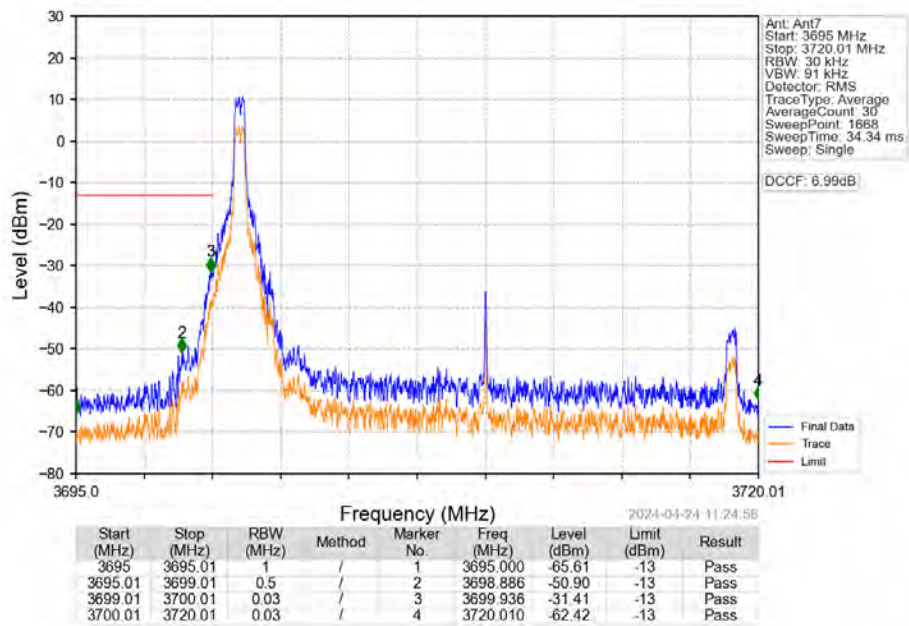
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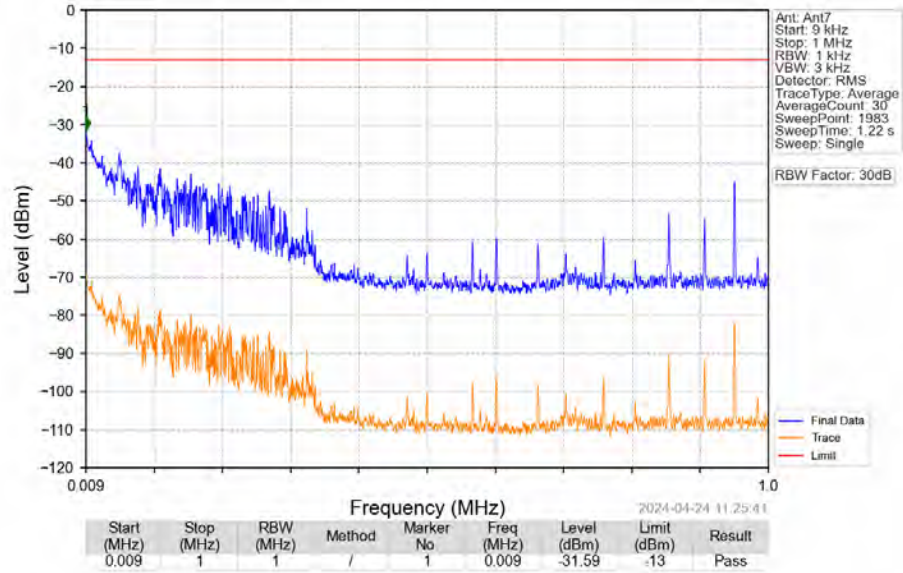
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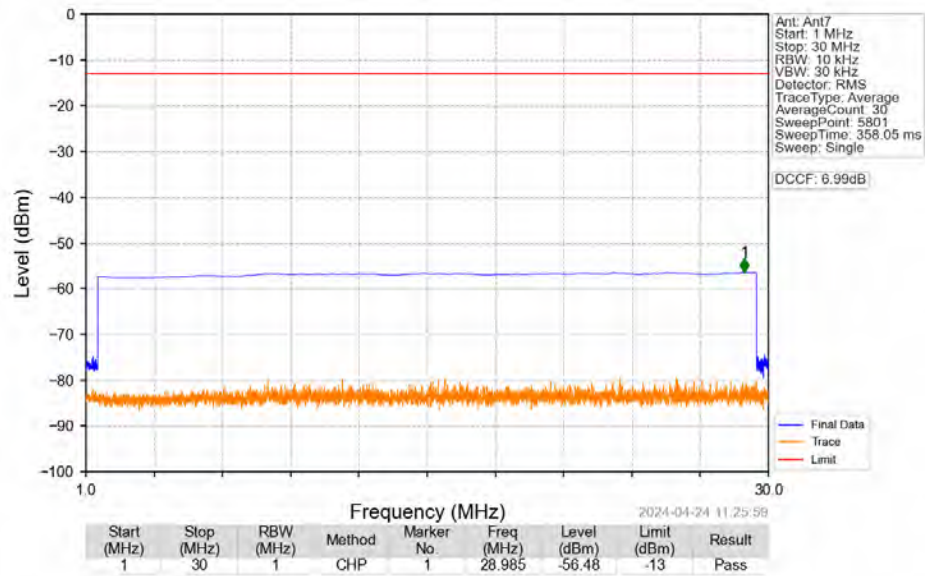
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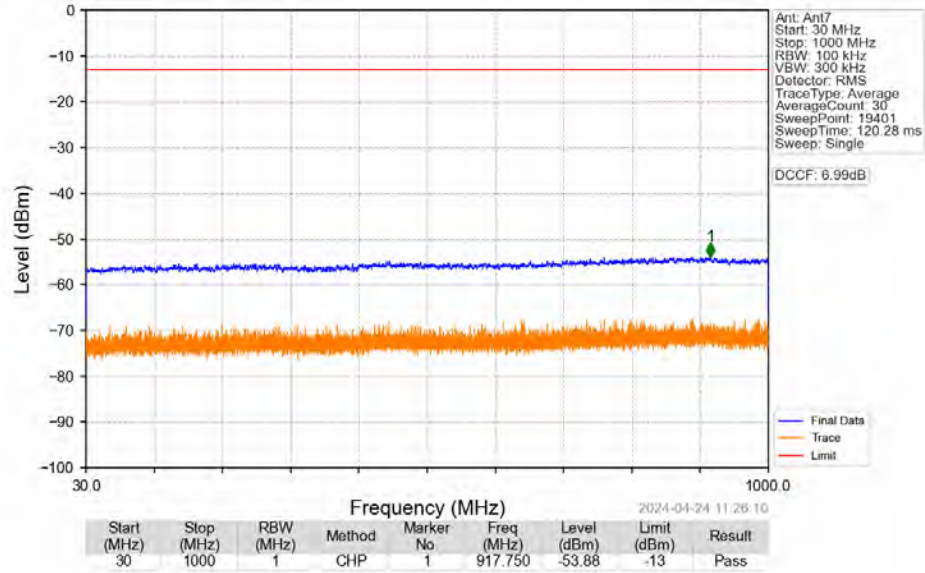
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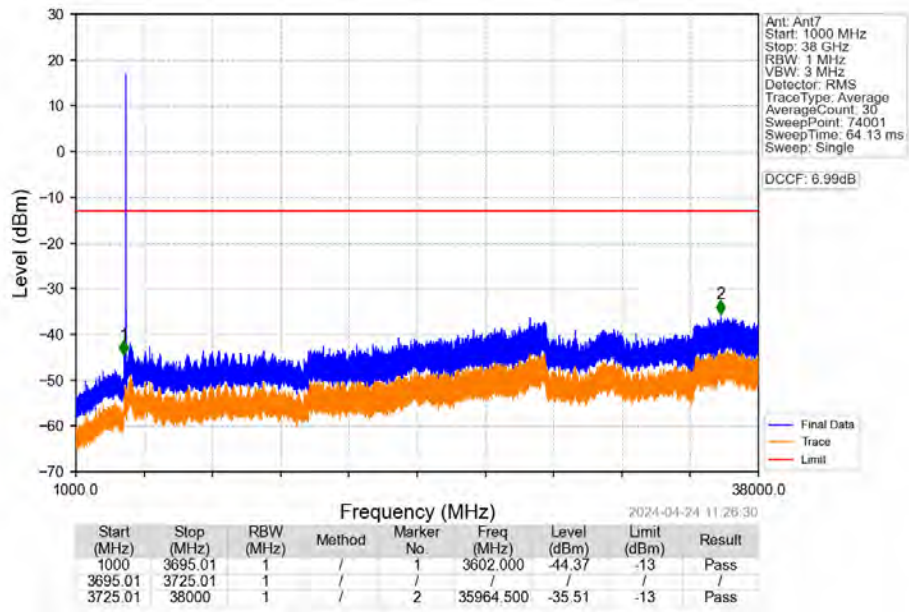
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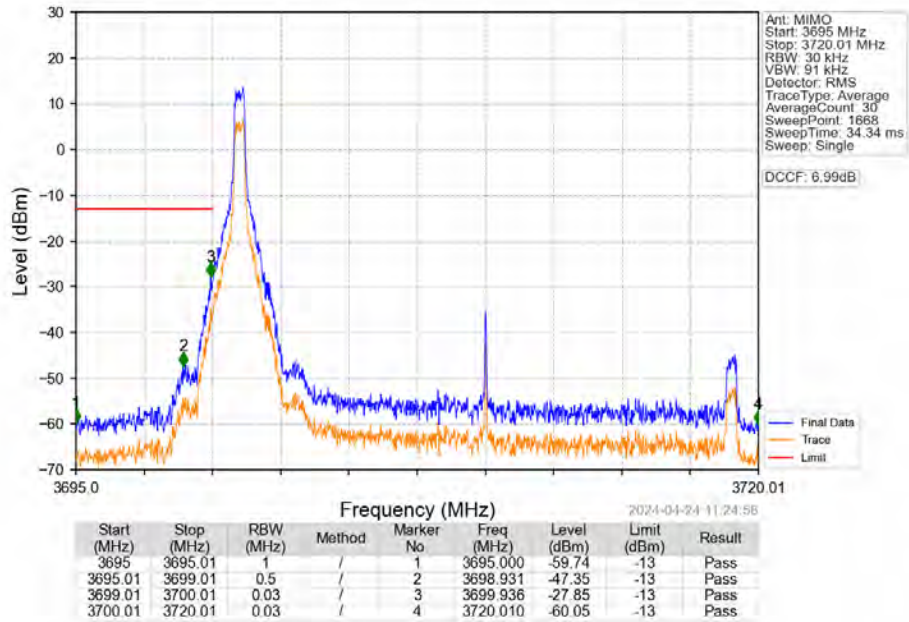
n78a 30kHz MIMO NTNv 20MHz CP-OFDM QPSK 3710.01MHz Edge 1RB Left



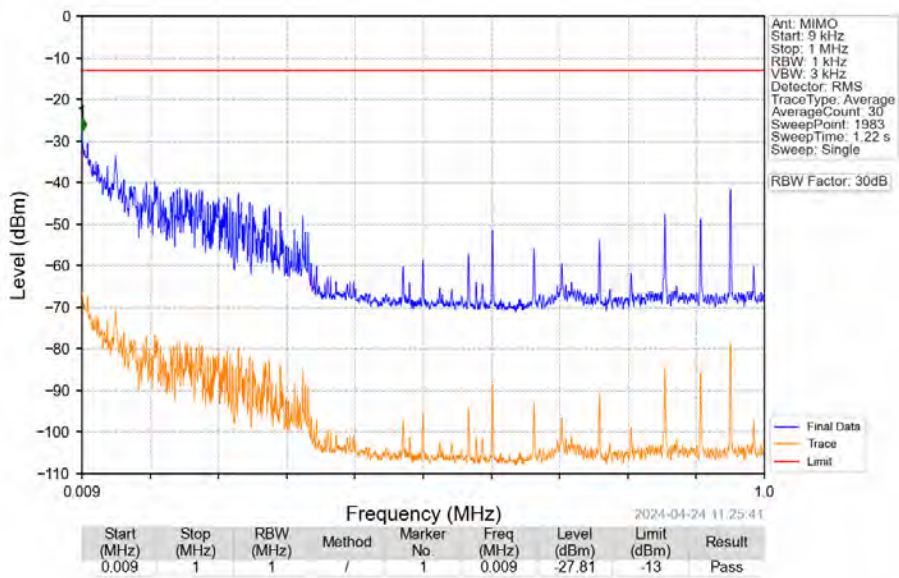
n78a 30kHz MIMO NTNv 20MHz CP-OFDM QPSK 3710.01MHz Edge 1RB Left



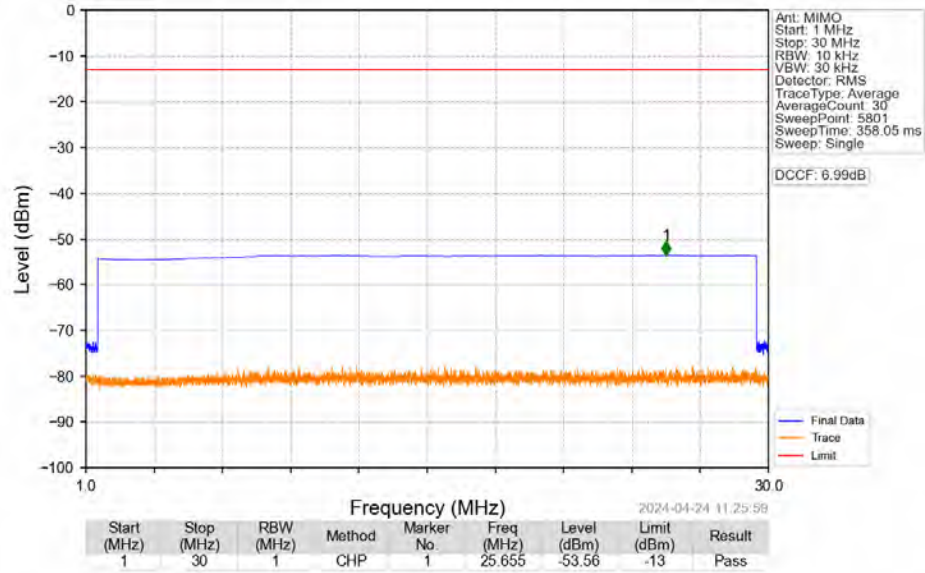
n78a 30kHz MIMO NTV 20MHz CP-OFDM QPSK 3710.01MHz Edge 1RB Left



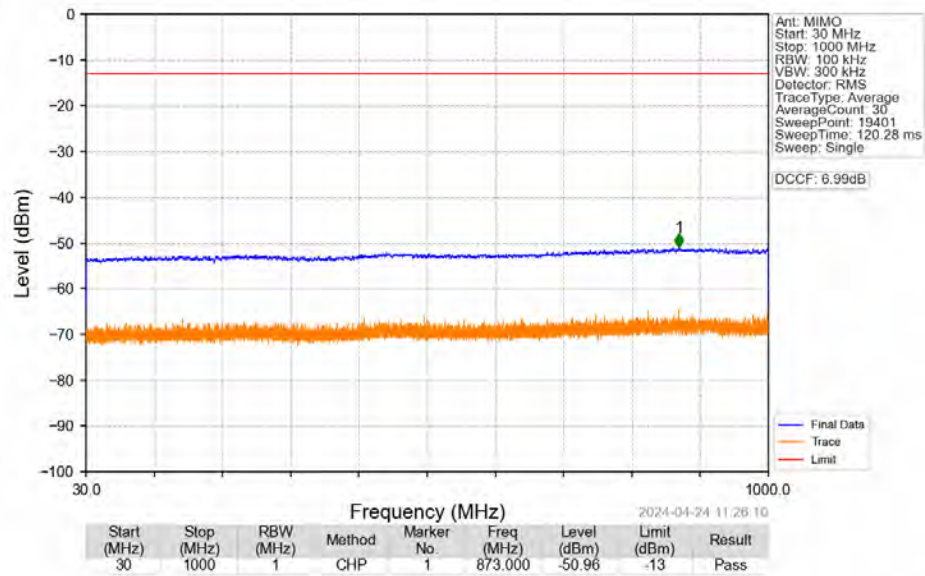
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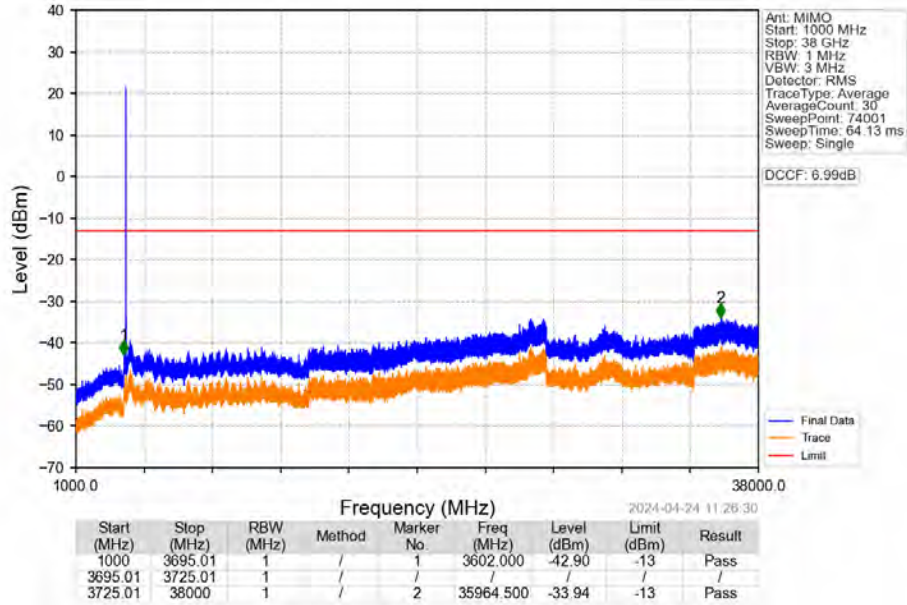
n78a 30kHz MIMO NTNv 20MHz CP-OFDM QPSK 3710.01MHz Edge 1RB Left



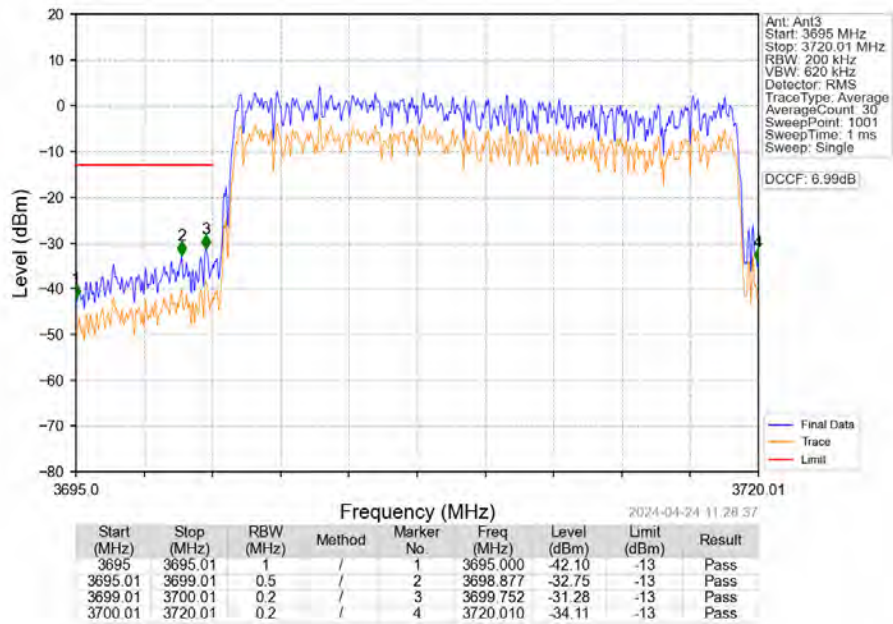
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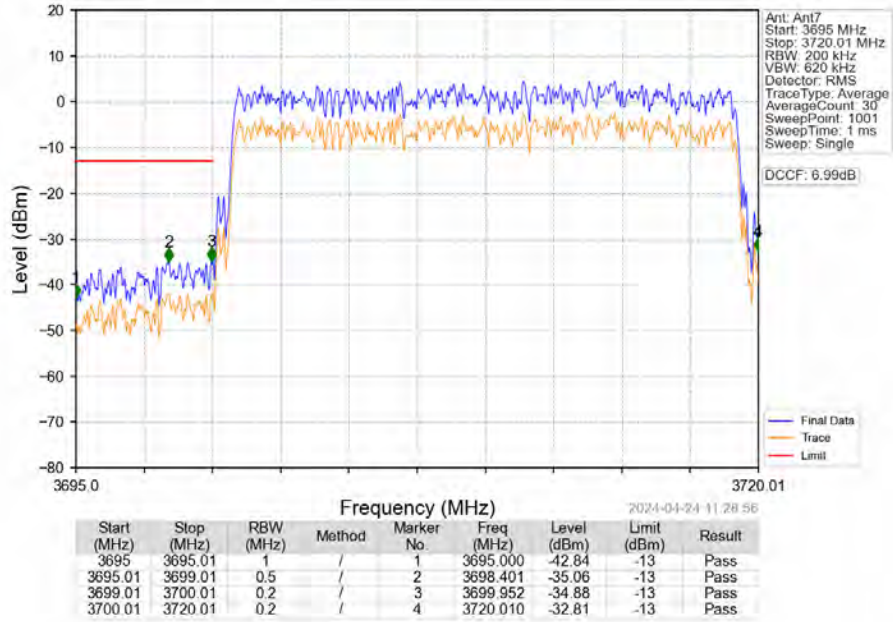
n78a 30kHz MIMO NTN 20MHz CP-OFDM QPSK 3710.01MHz Edge 1RB Left



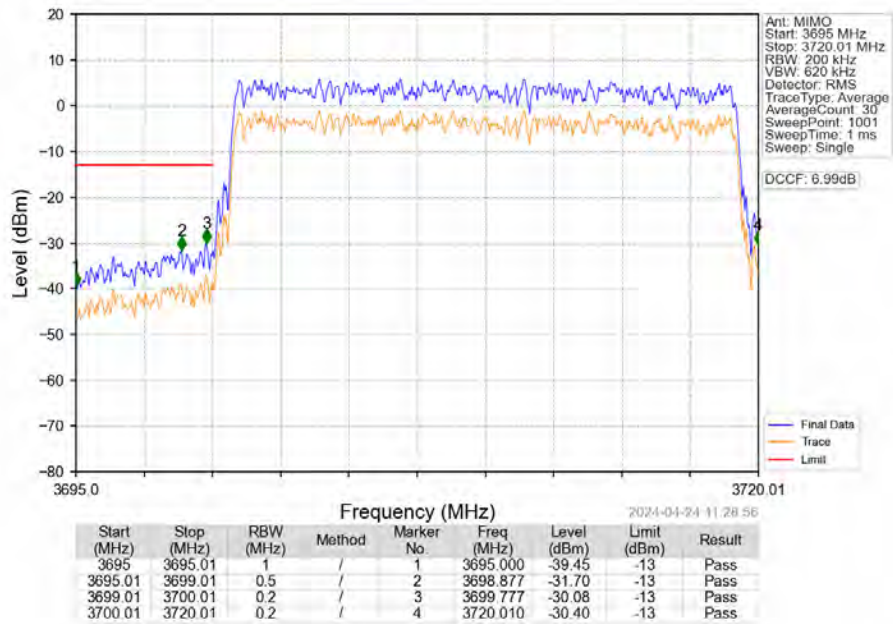
n78a 30kHz MIMO NTN 20MHz CP-OFDM QPSK 3710.01MHz Outer Full



n78a_30kHz MIMO NTN 20MHz CP-OFDM QPSK 3710.01MHz Outer Full



n78a_30kHz MIMO NTN 20MHz CP-OFDM QPSK 3710.01MHz Outer Full



Ant: Ant3
 Start: 3695 MHz
 Stop: 3720.01 MHz
 RBW: 30 kHz
 VBW: 91 kHz
 Detector: RMS
 TraceType: Average
 AverageCount: 30
 SweepPoint: 1668
 SweepTime: 34.34 ms
 Sweep: Single

DCCF: 6.99dB

Level (dBm)

Frequency (MHz)

2024-04-24 11:27:25

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	/	1	3695.000	-62.06	-13	Pass
3695.01	3699.01	0.5	/	2	3698.571	-49.04	-13	Pass
3699.01	3700.01	0.03	/	3	3699.951	-29.47	-13	Pass
3700.01	3720.01	0.03	/	4	3720.010	-63.25	-13	Pass

Ant7
 Start: 3695 MHz
 Stop: 3720.01 MHz
 RBW: 30 kHz
 VBW: 91 kHz
 Detector: RMS
 TraceType: Average
 AverageCount: 30
 SweepPoint: 1668
 SweepTime: 34.34 ms
 Sweep: Single

DCCF: 6.99dB

Level (dBm)

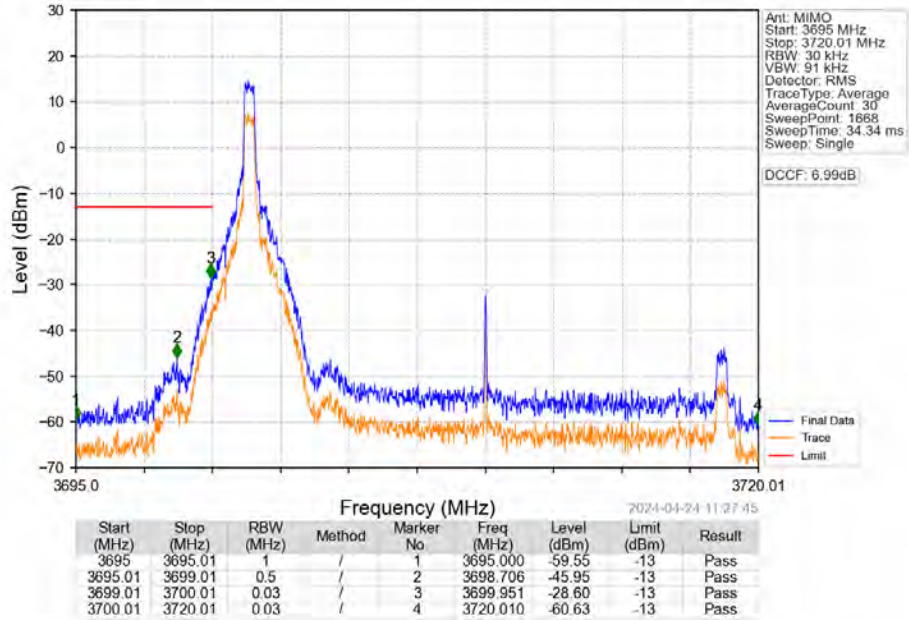
Frequency (MHz)

Final Data
 Trace
 Limit

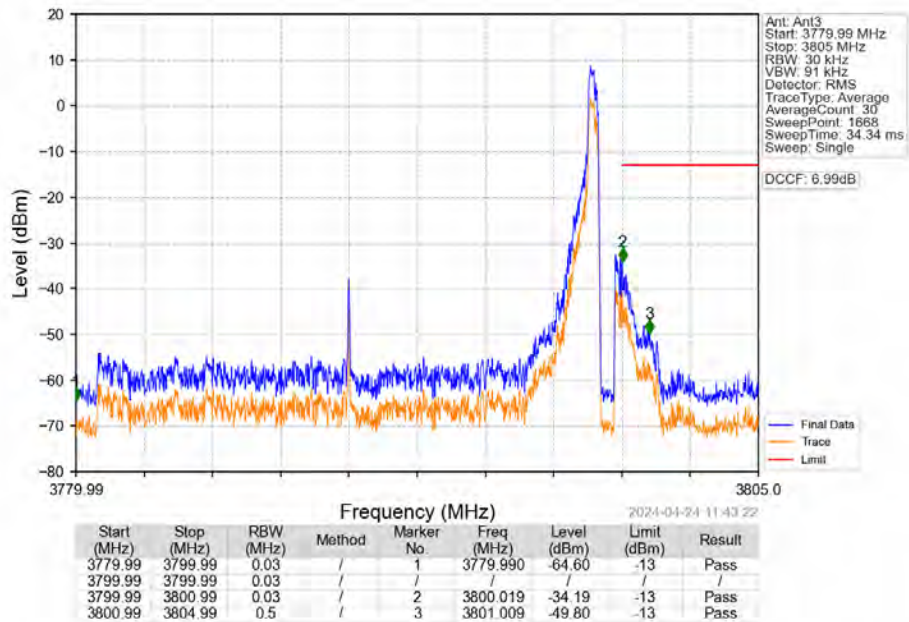
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	/	1	3695.000	-63.12	-13	Pass
3695.01	3699.01	0.5	/	2	3698.706	-47.69	-13	Pass
3699.01	3700.01	0.03	/	3	3699.891	-32.18	-13	Pass
3700.01	3720.01	0.03	/	4	3720.010	-64.07	-13	Pass

2024-04-24 11:27:45

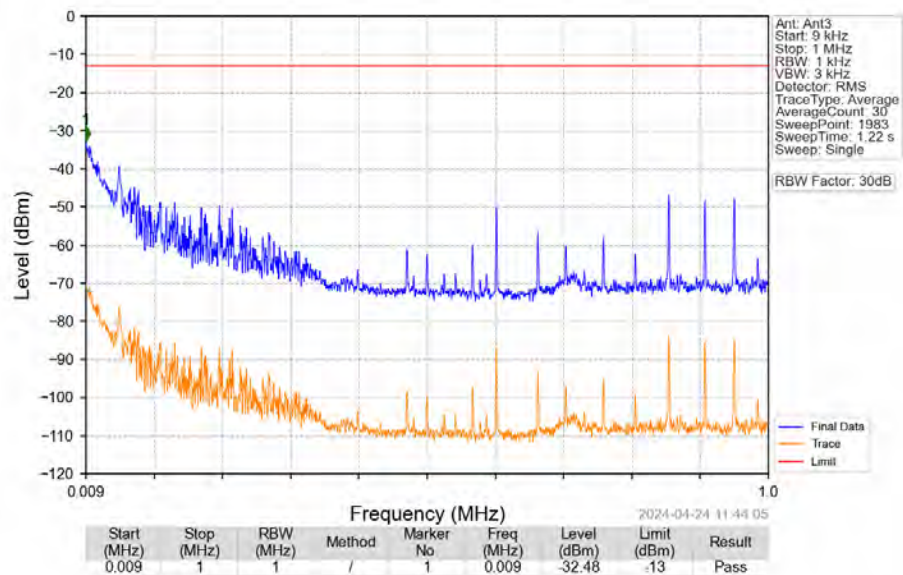
n78a 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 3710.01MHz Inner 1RB Left



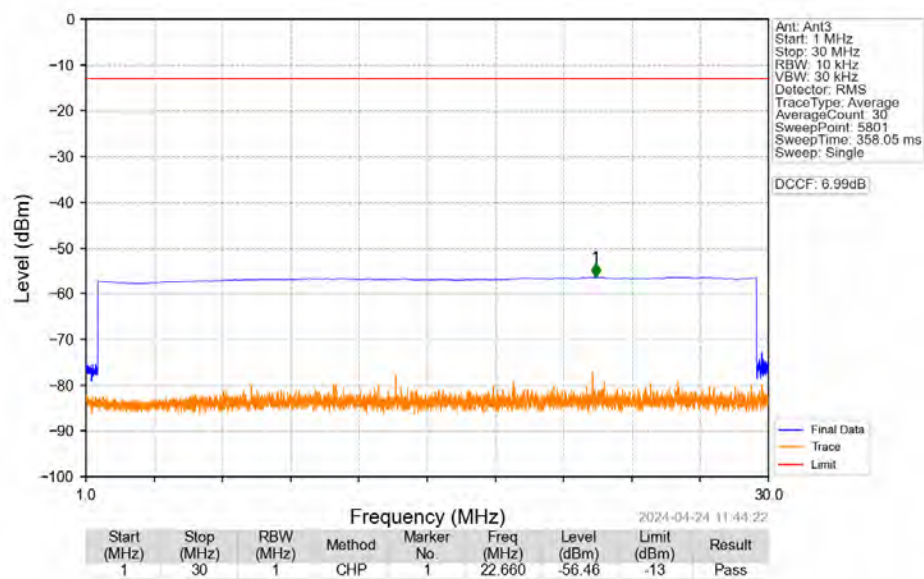
n78a 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 3789.99MHz Edge 1RB Right



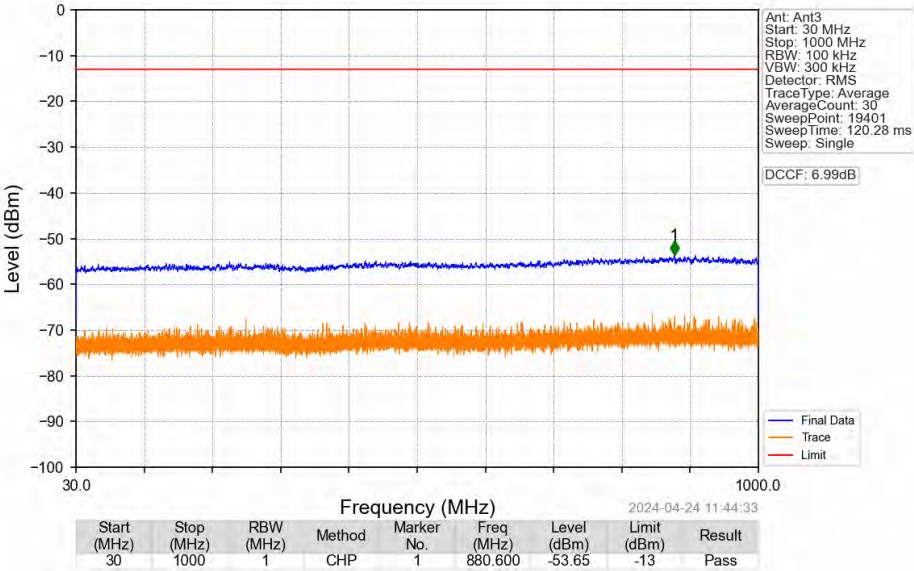
n78a 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 3789.99MHz Edge 1RB Right



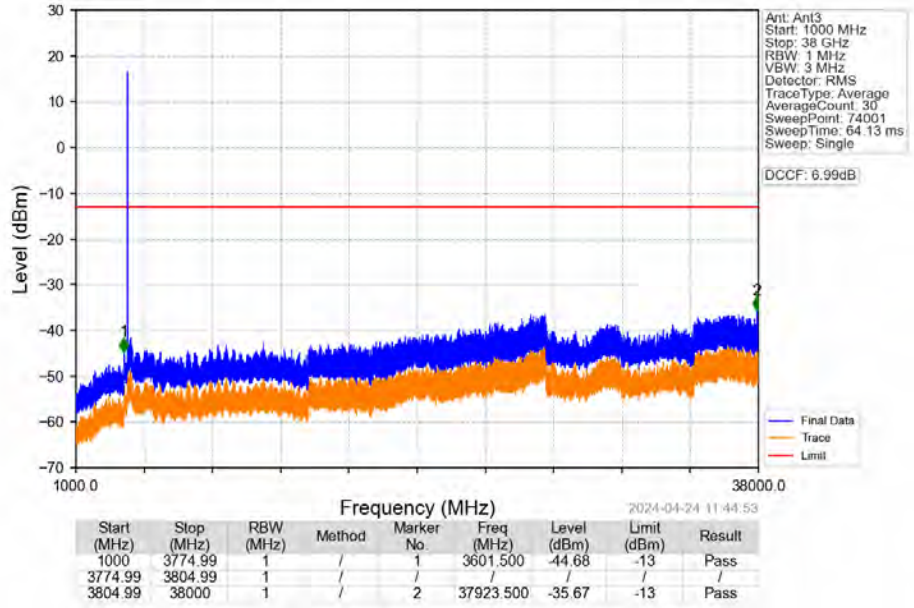
n78a 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 3789.99MHz Edge 1RB Right



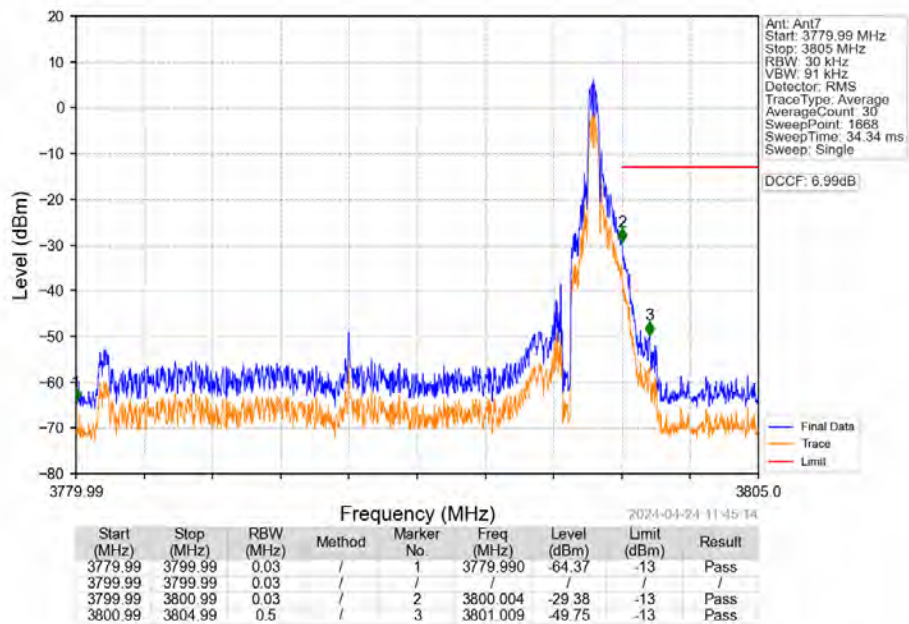
n78a 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 3789.99MHz Edge 1RB Right



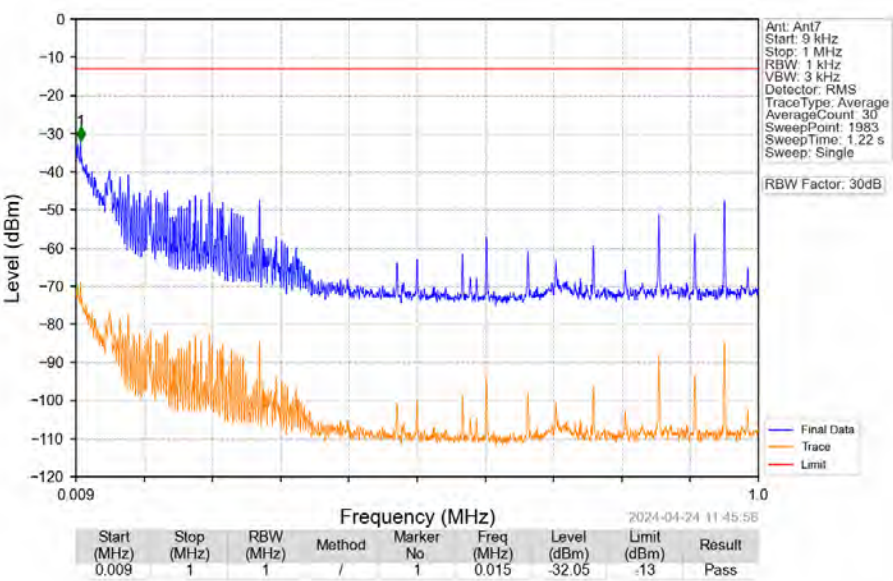
n78a 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 3789.99MHz Edge 1RB Right



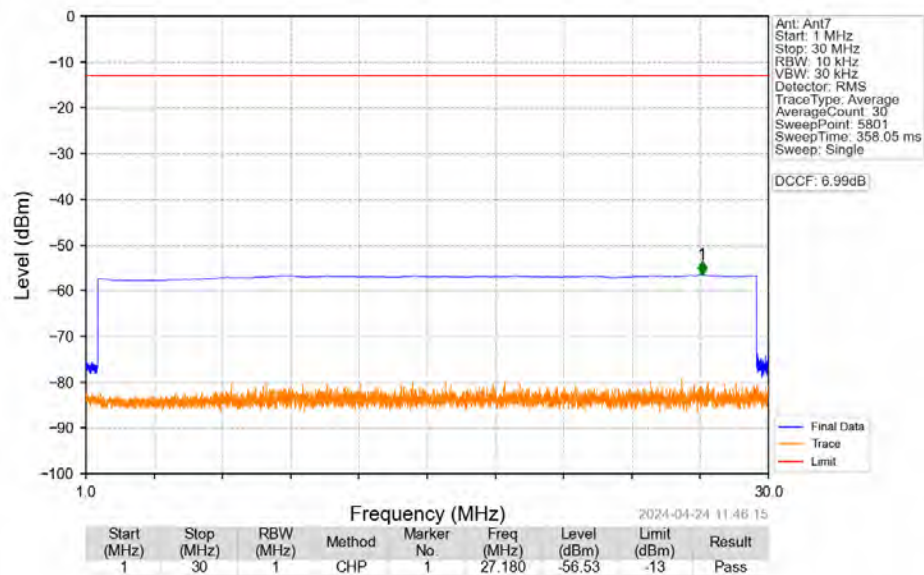
n78a 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 3789.99MHz Edge 1RB Right



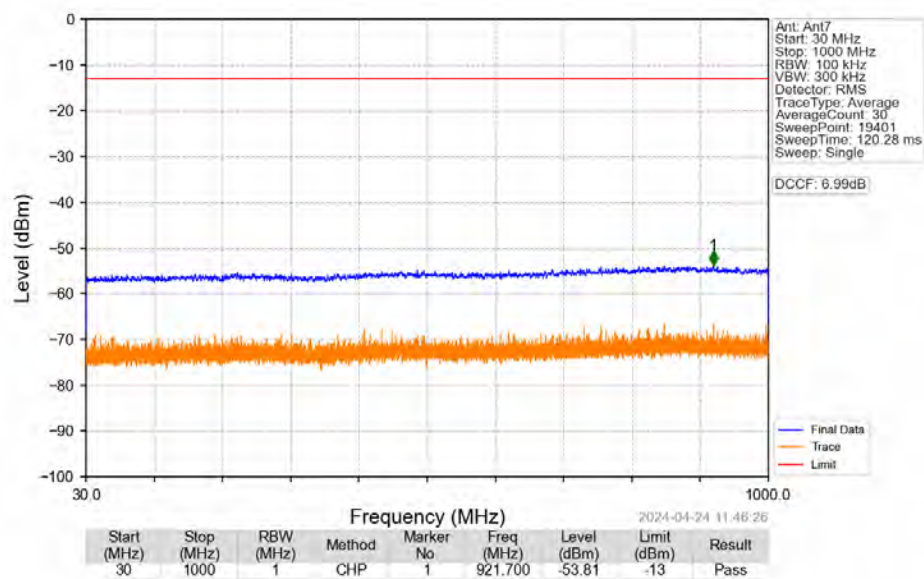
n78a 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 3789.99MHz Edge 1RB Right



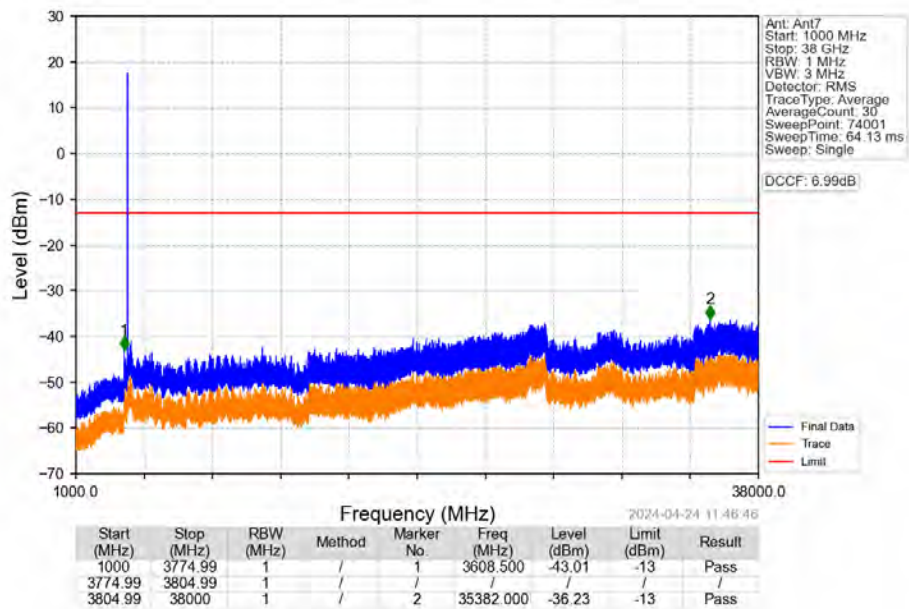
n78a 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 3789.99MHz Edge 1RB Right



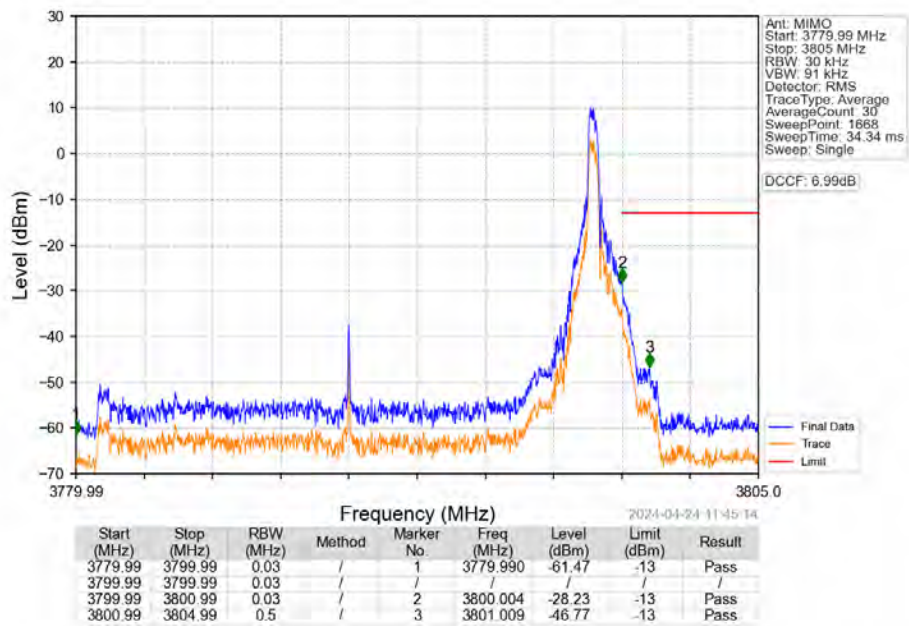
n78a 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 3789.99MHz Edge 1RB Right



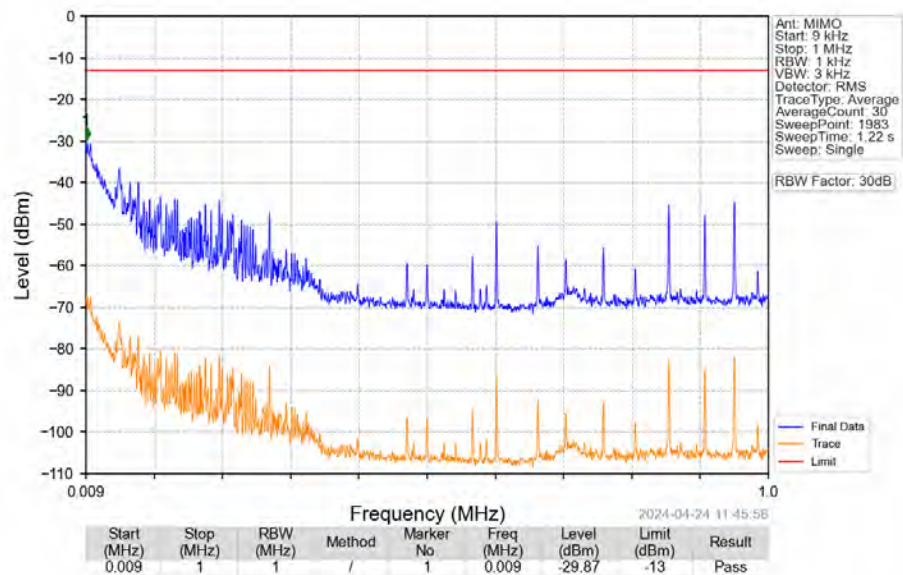
n78a 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 3789.99MHz Edge 1RB Right



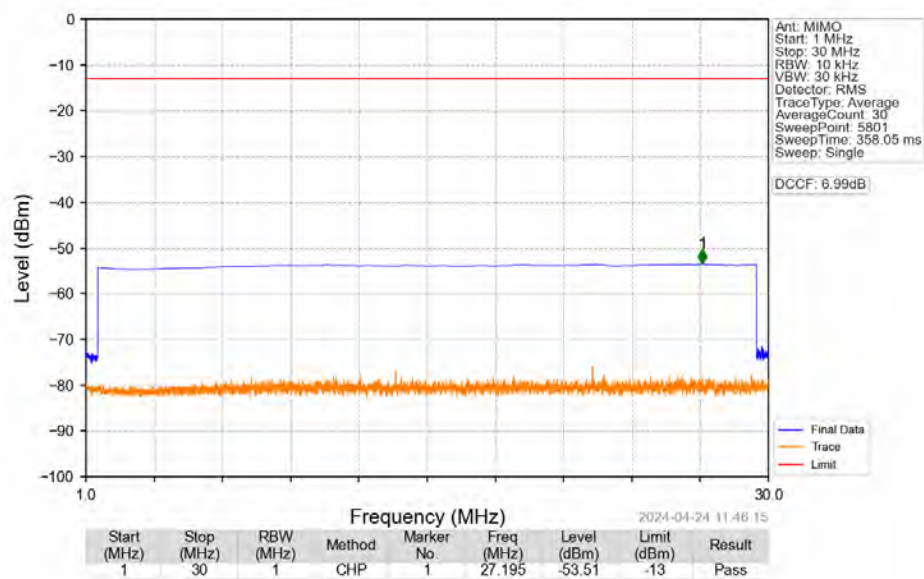
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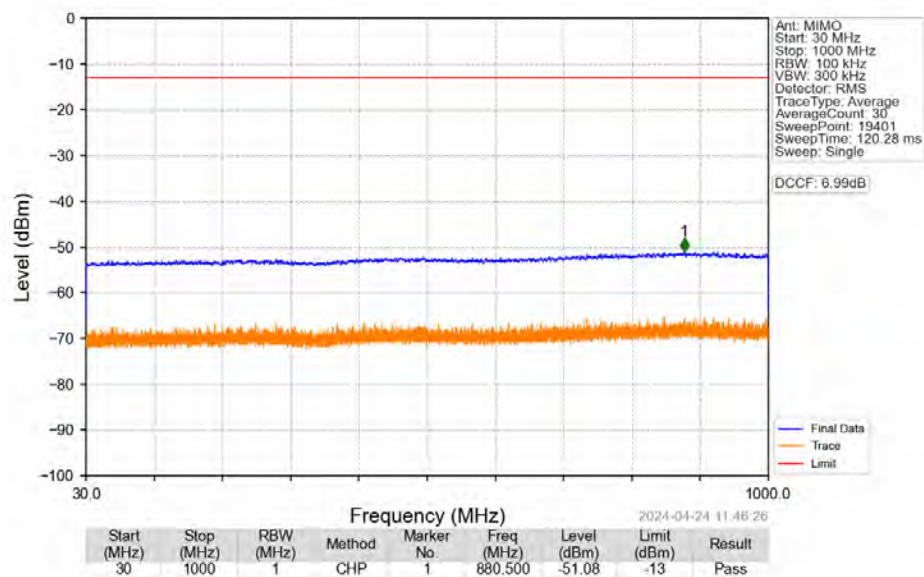
n78a 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 3789.99MHz Edge 1RB Right



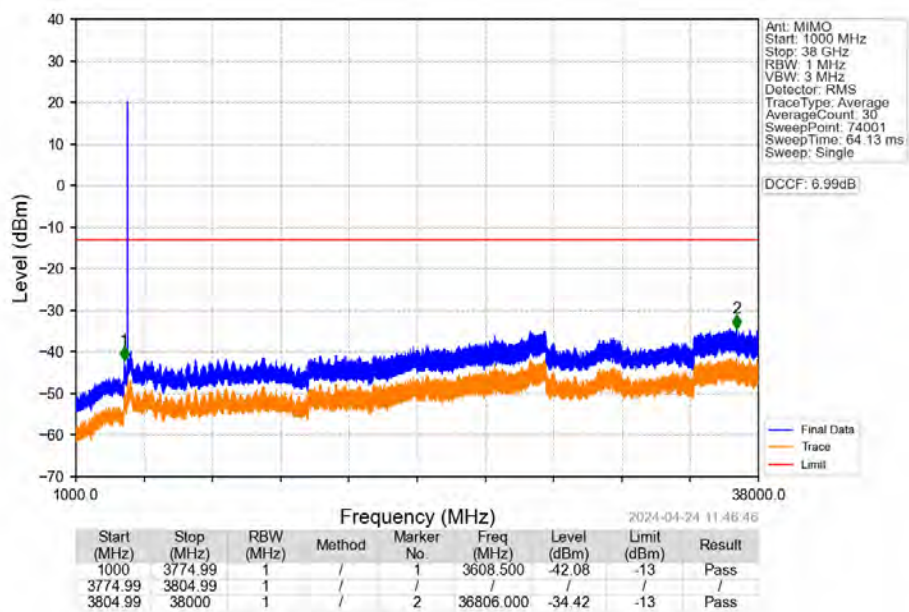
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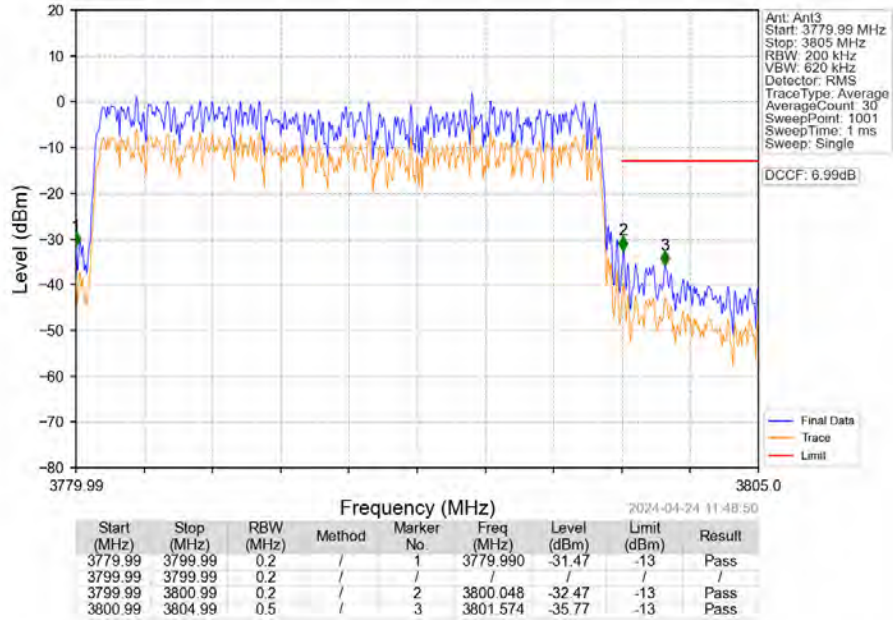
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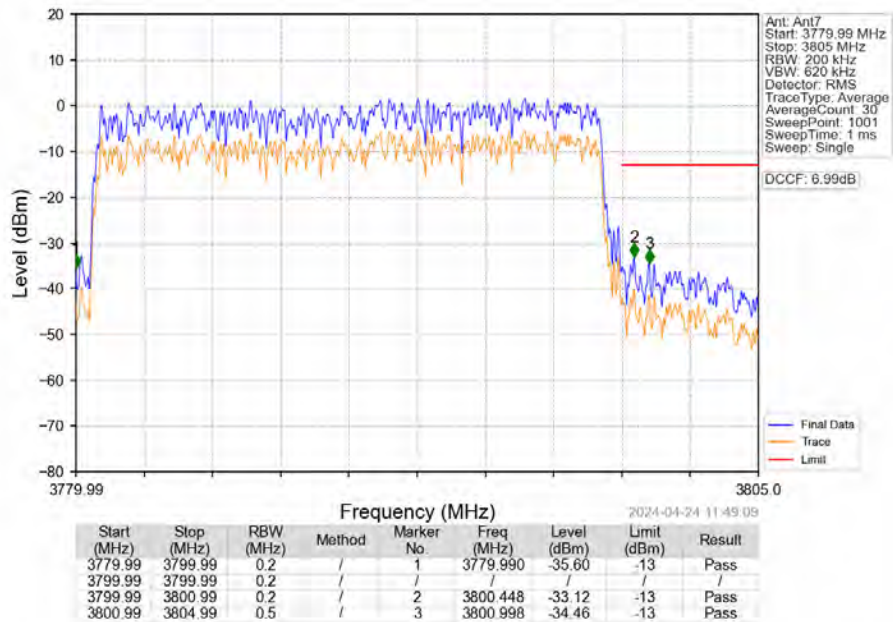
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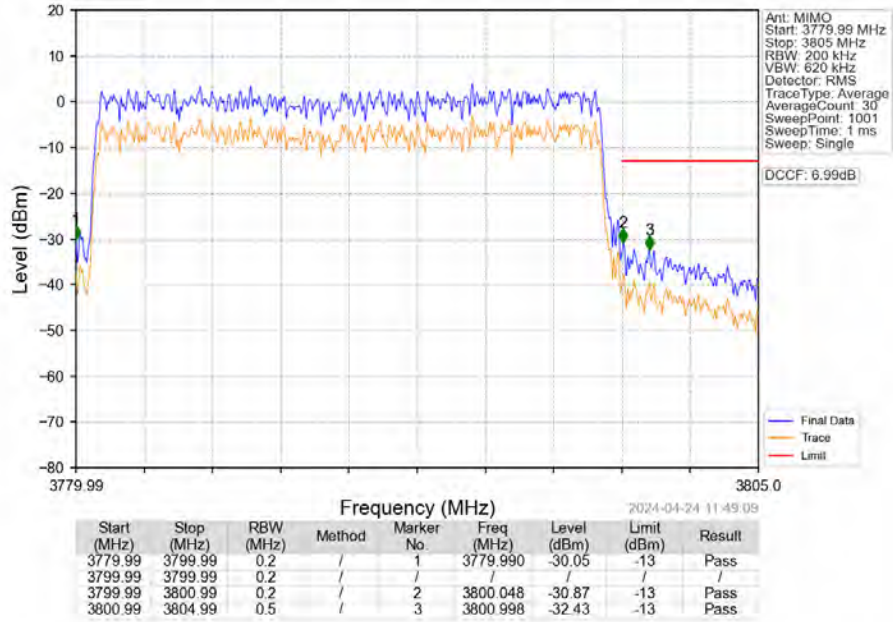
n78a_30kHz MIMO NTNv 20MHz CP-OFDM QPSK 3789.99MHz Outer Full



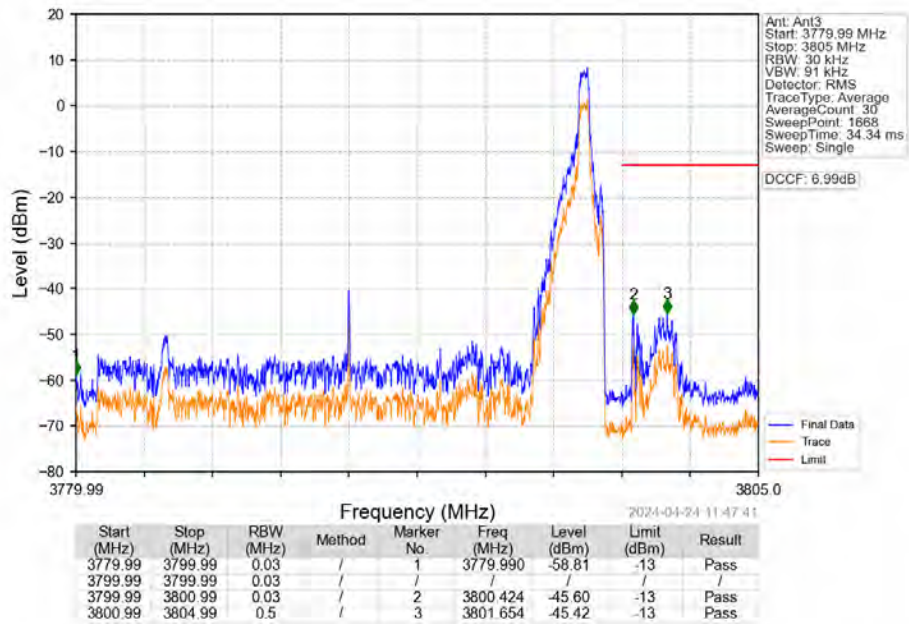
n78a_30kHz MIMO NTNv 20MHz CP-OFDM QPSK 3789.99MHz Outer Full



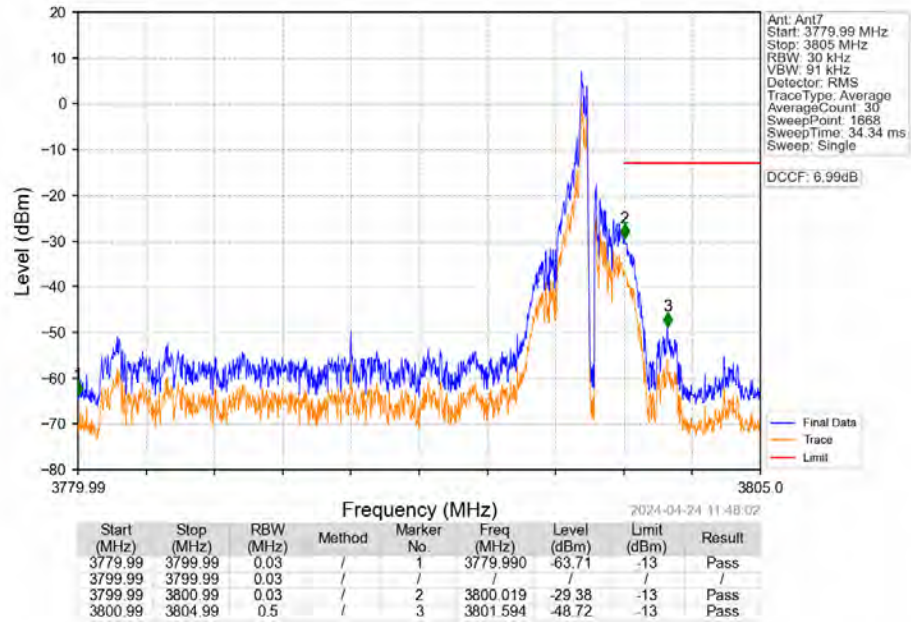
n78a 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 3789.99MHz Outer Full



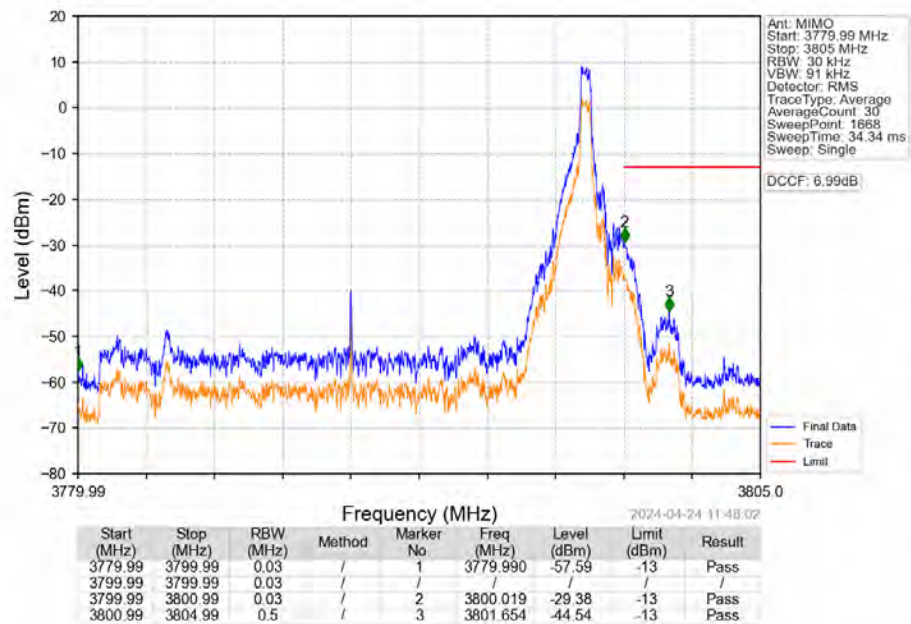
n78a 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 3789.99MHz Inner 1RB Right



n78a 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 3789.99MHz Inner 1RB Right



n78a 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 3789.99MHz Inner 1RB Right

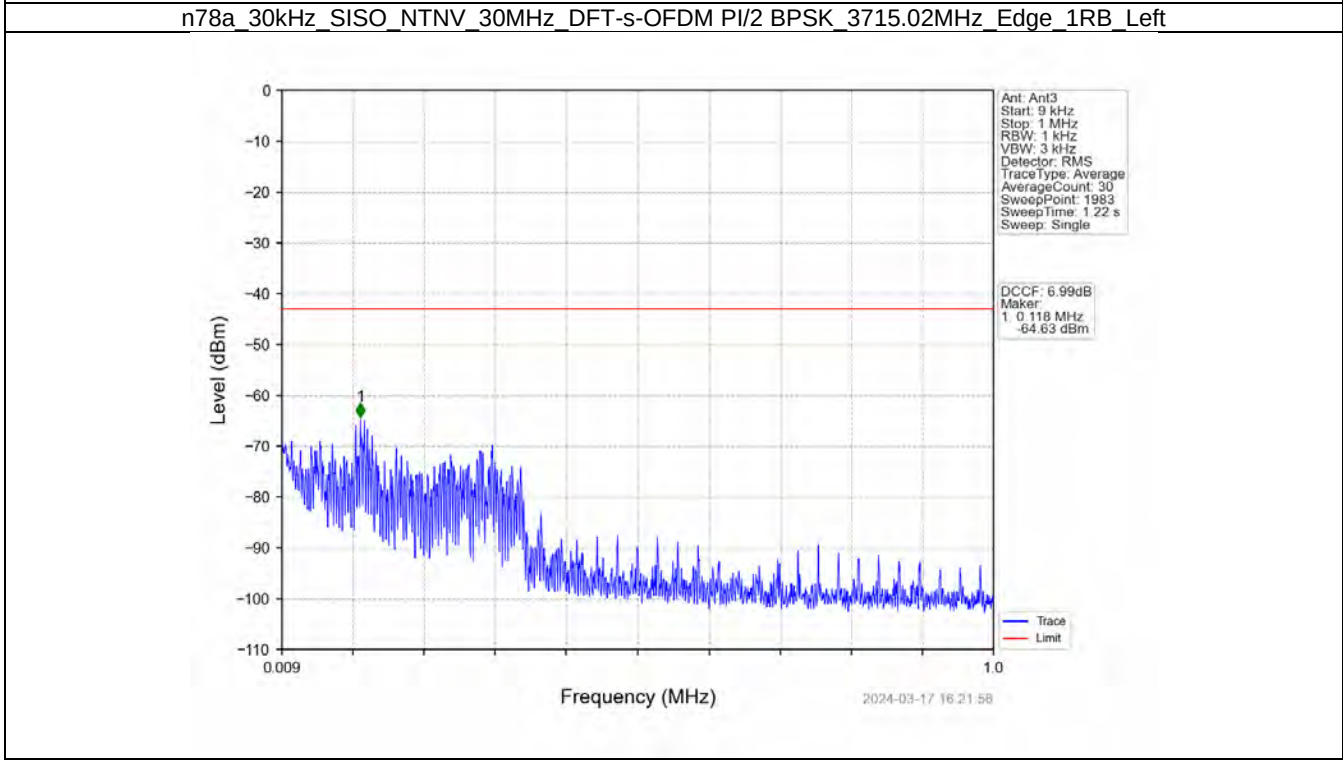
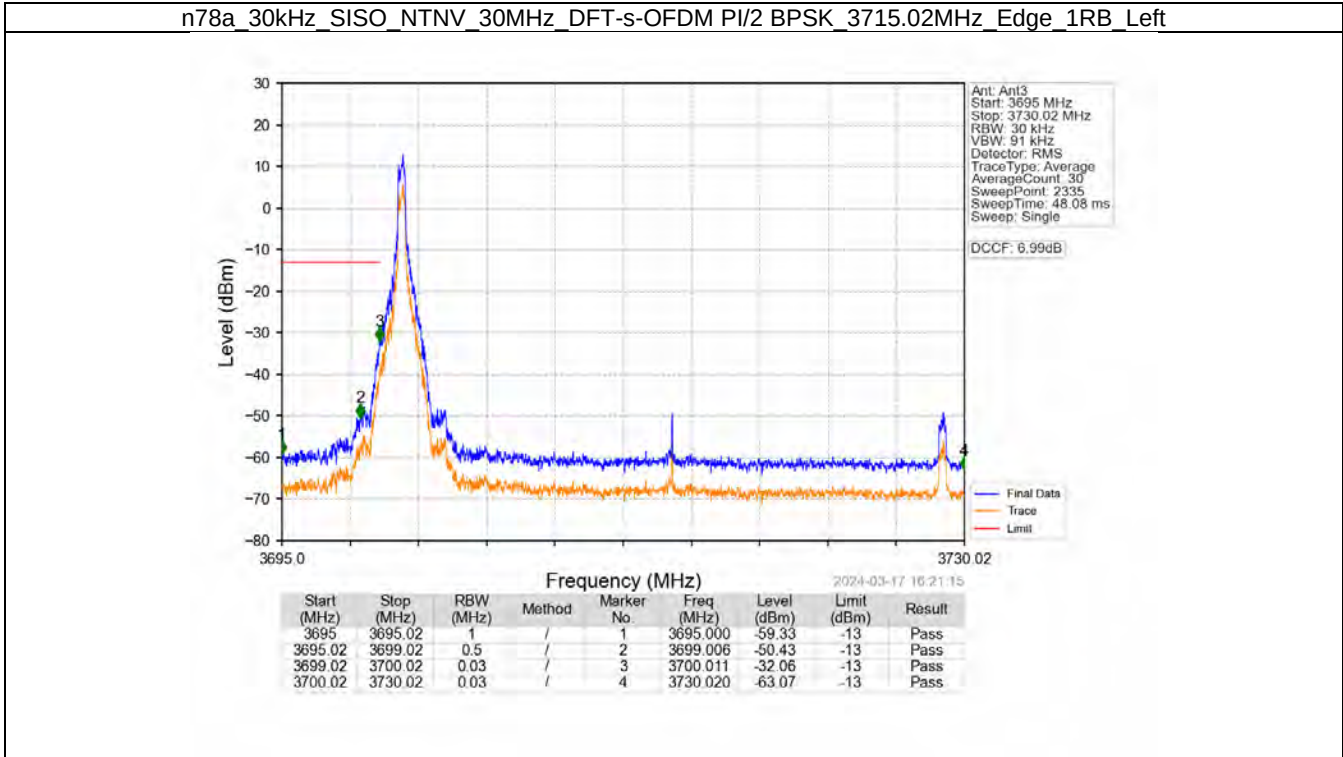


5.2 30k_SISO_30MHz_NTNV

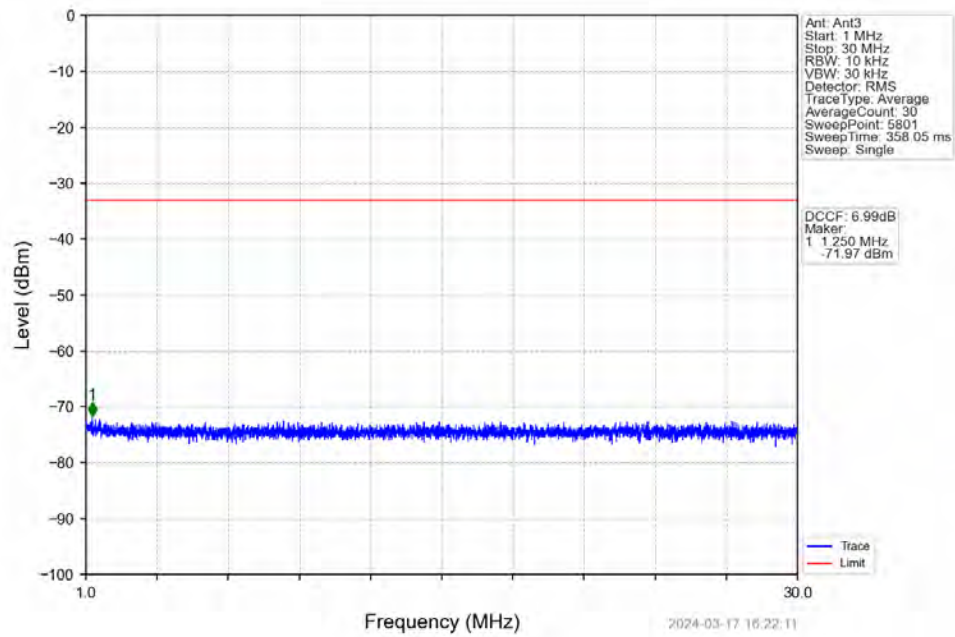
5.2.1 Test Result

5G NR n78a SCS=30kHz SISO 30MHz NTNv								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant7	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3715.02	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	3750	Edge_1RB_Left	Refer To Test Graph				Pass	
		3784.98	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	3715.02	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left			Refer To Test Graph				Pass	
3750		Edge_1RB_Left	Refer To Test Graph				Pass	
		3784.98	Edge_1RB_Right	Refer To Test Graph				Pass
Outer_Full			Refer To Test Graph				Pass	
Inner_1RB_Right			Refer To Test Graph				Pass	

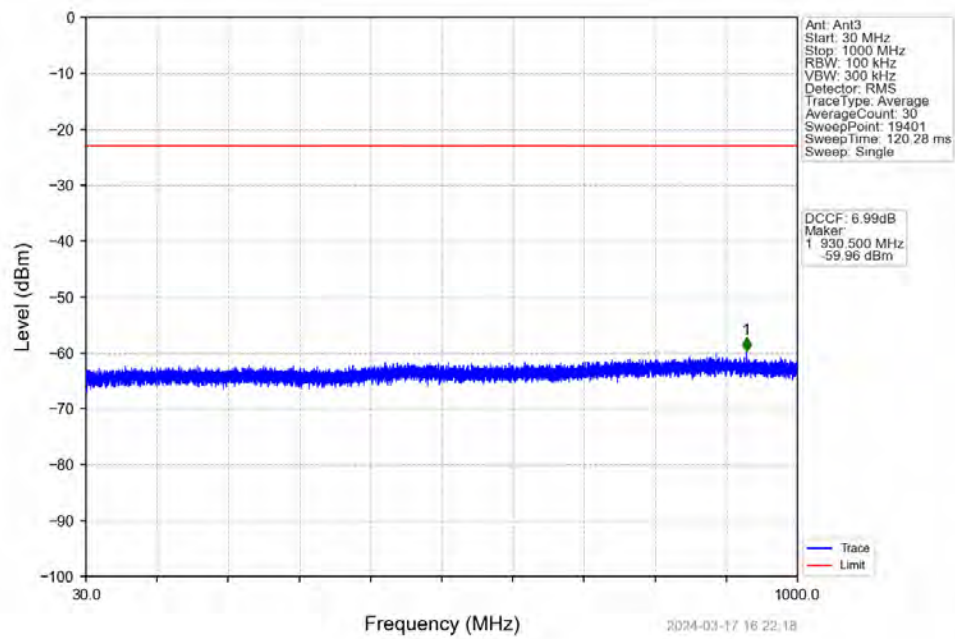
5.2.2 Test Graph



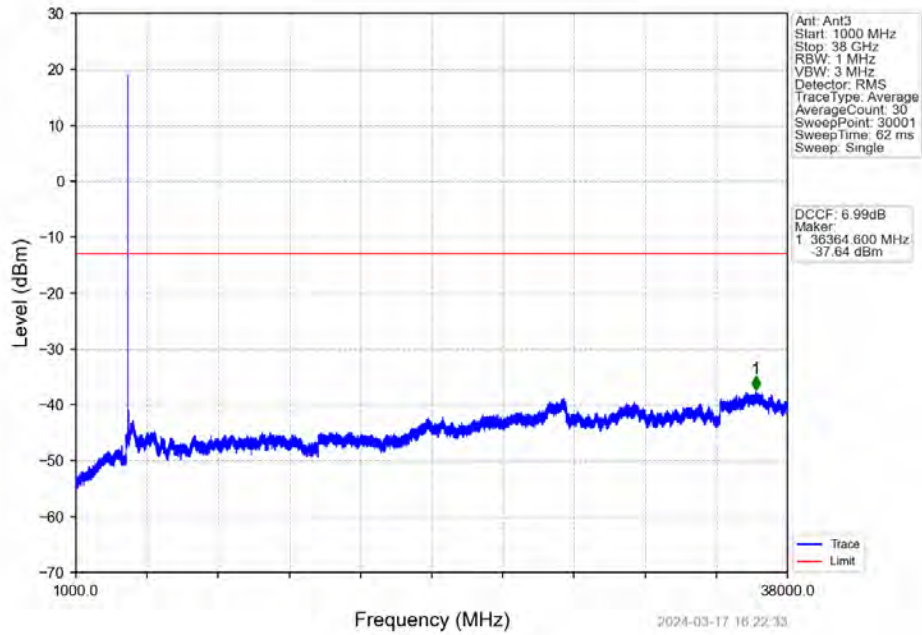
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3715.02MHz Edge 1RB Left



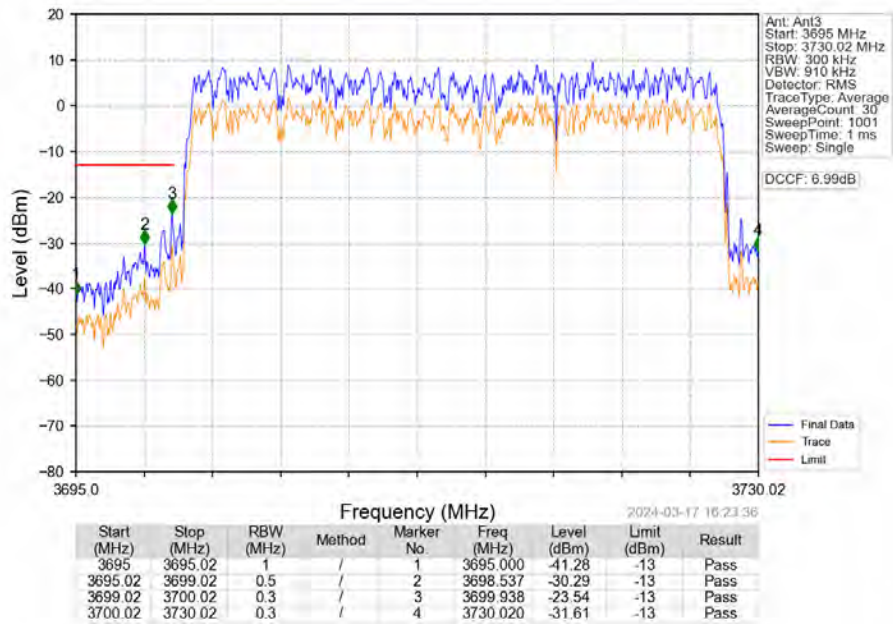
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3715.02MHz Edge 1RB Left



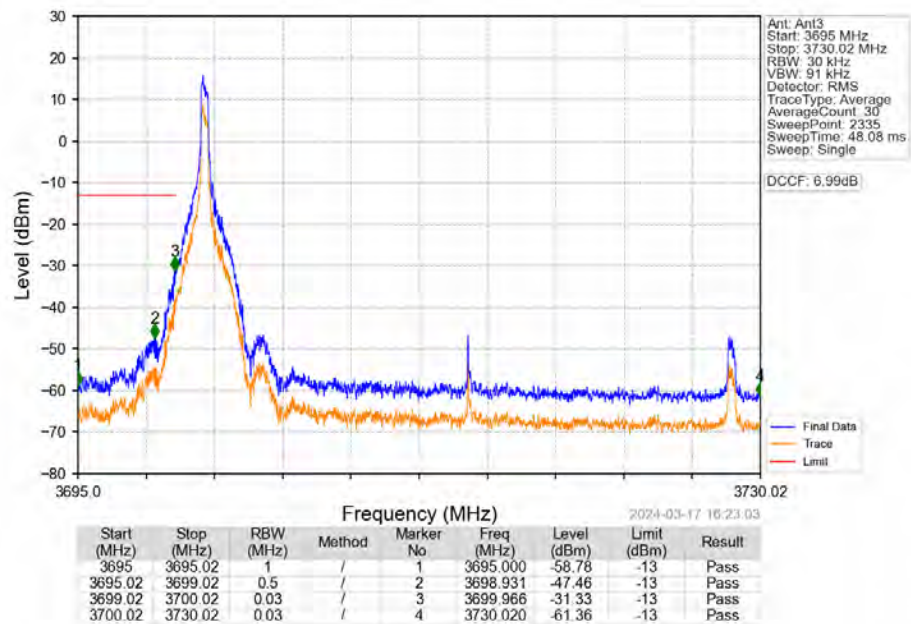
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3715.02MHz Edge 1RB Left



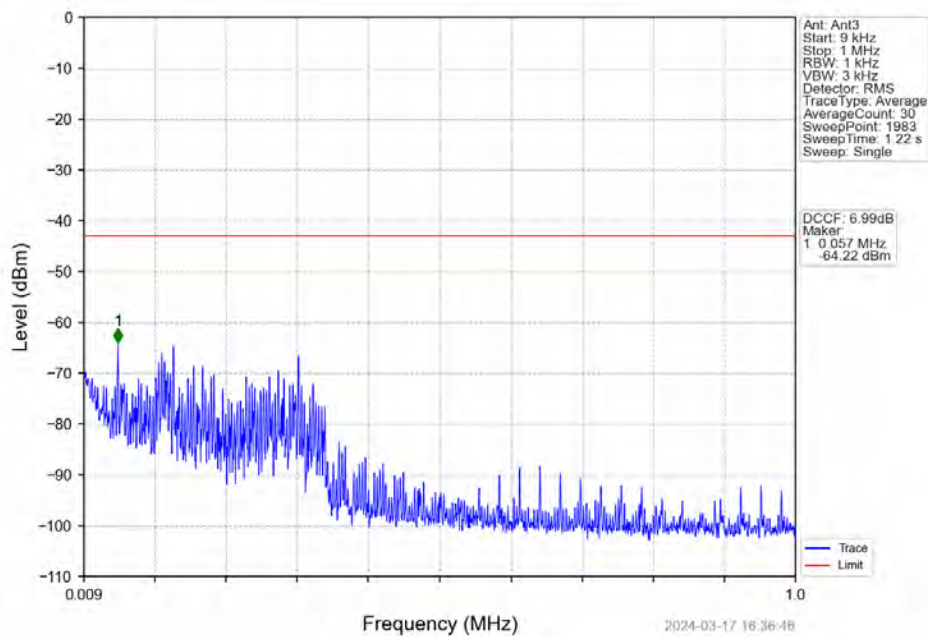
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3715.02MHz Outer Full



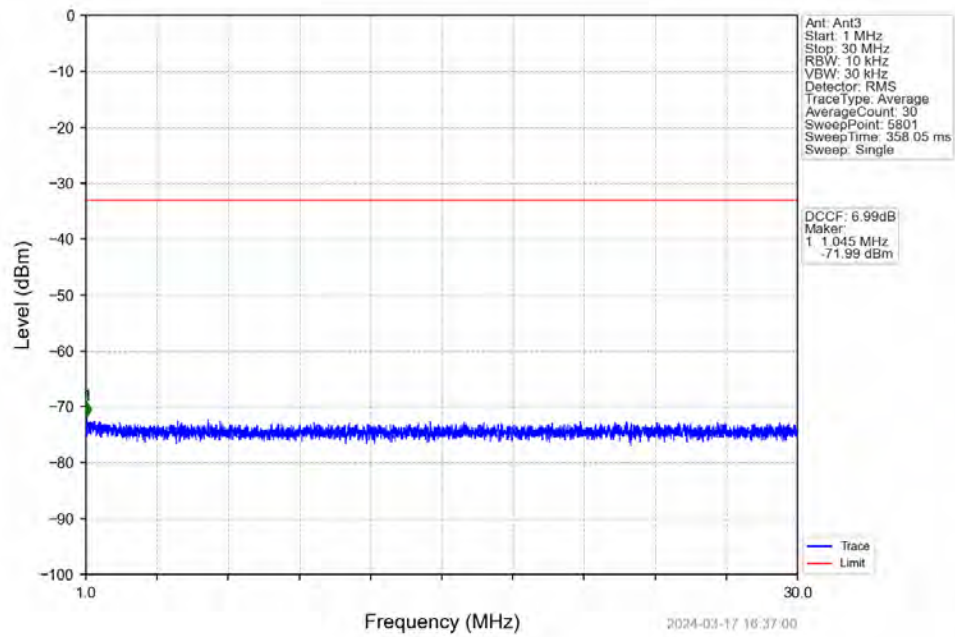
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3715.02MHz Inner 1RB Left



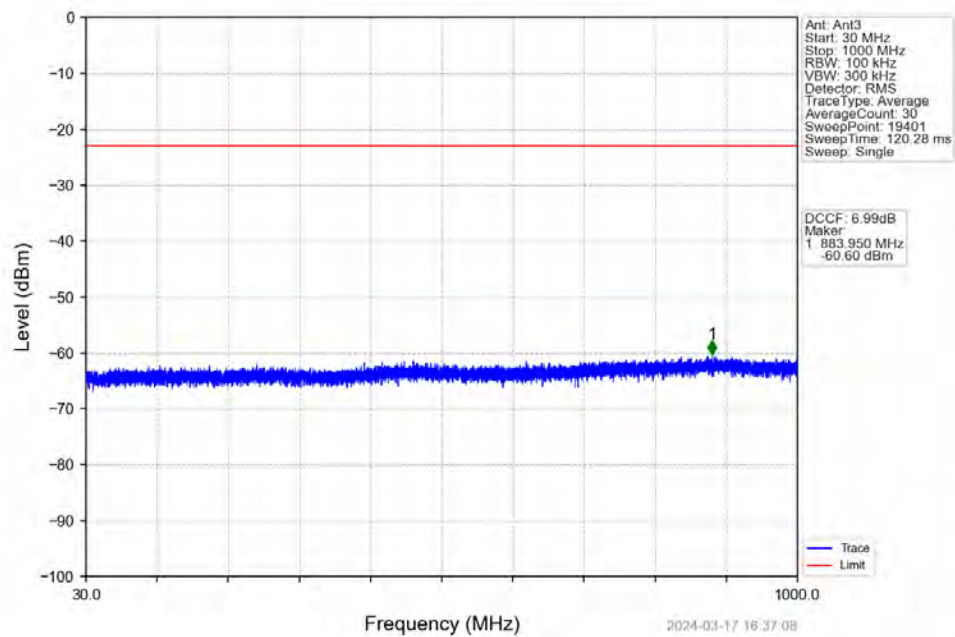
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



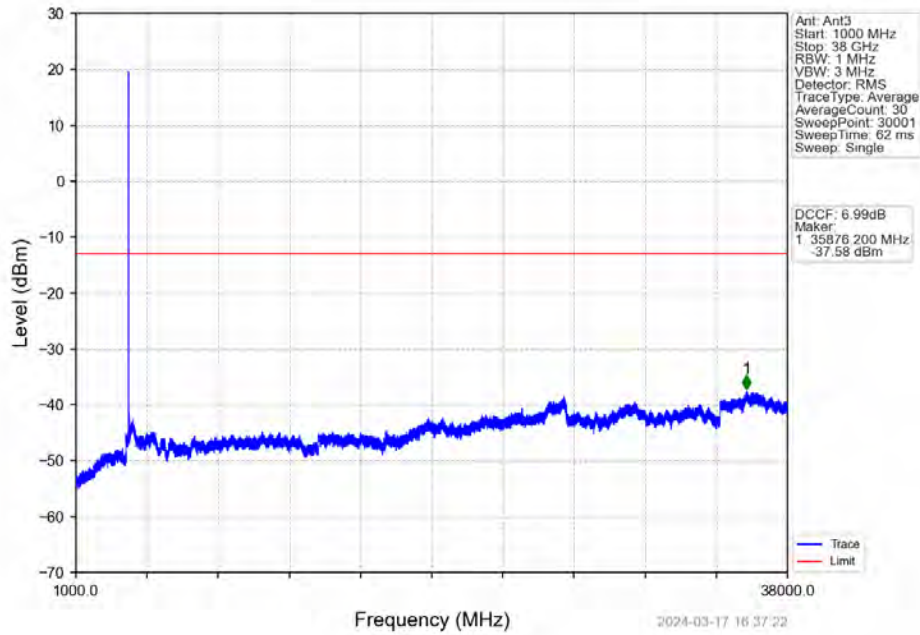
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



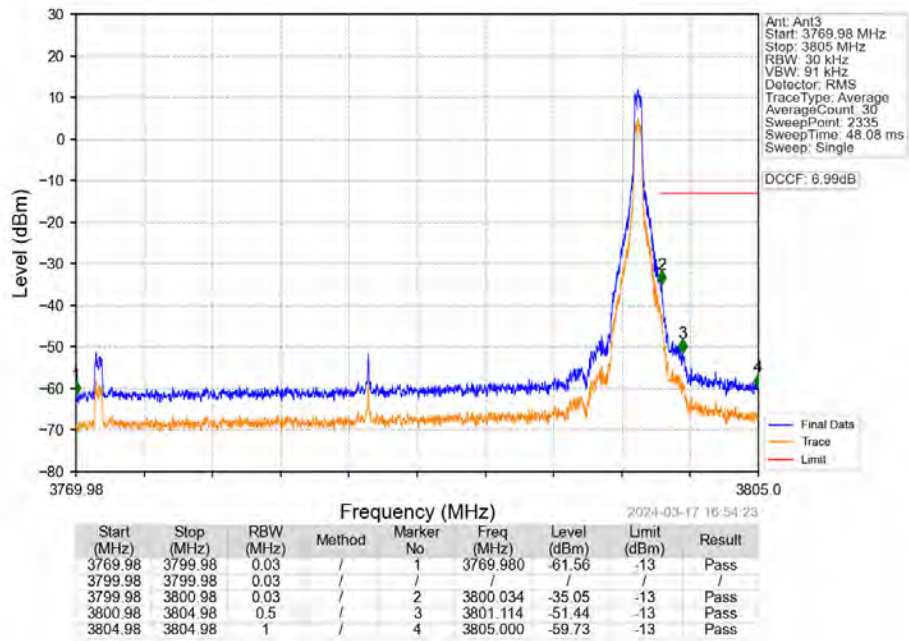
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



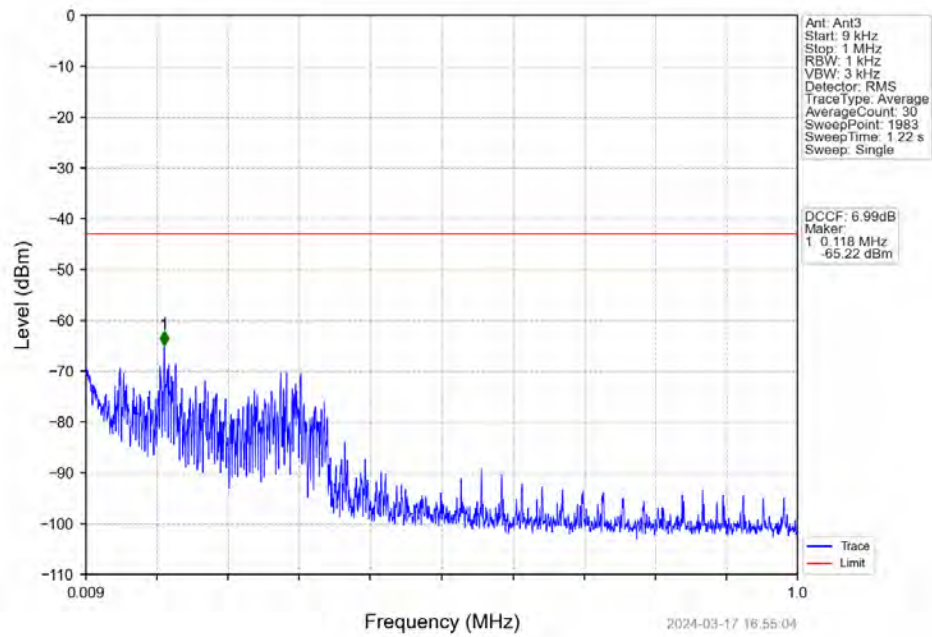
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



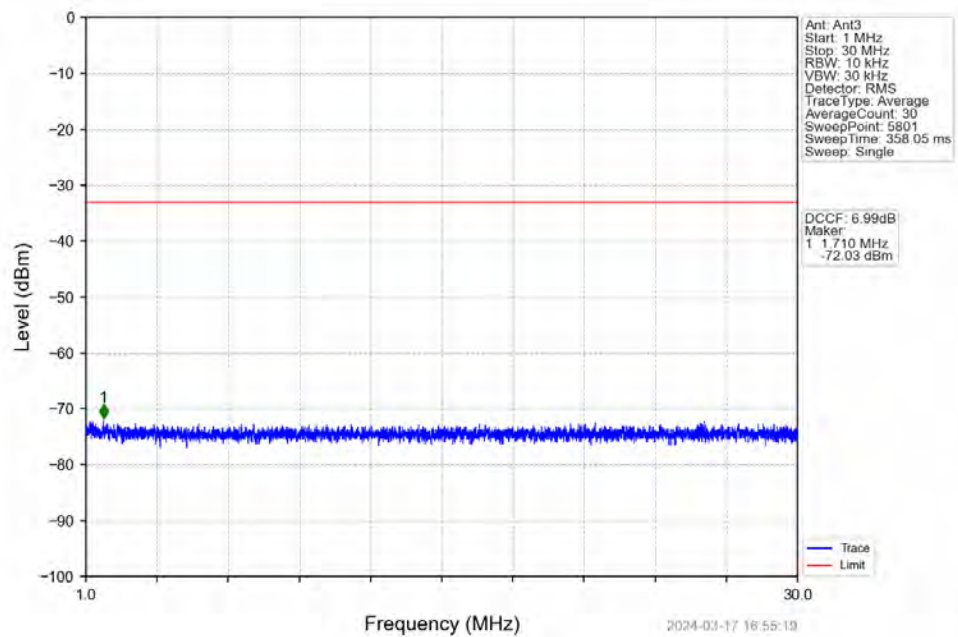
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz Edge 1RB Right



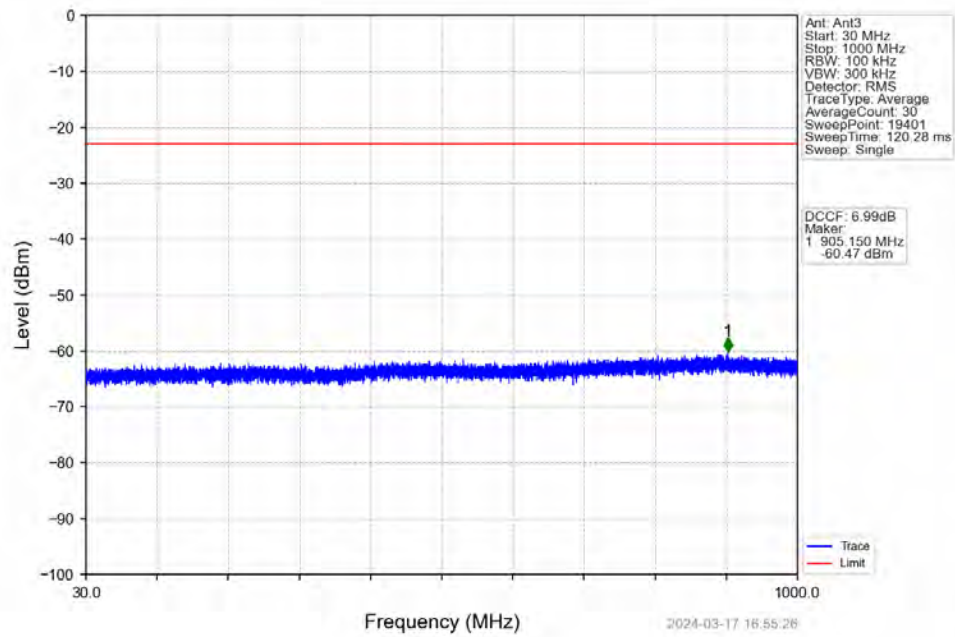
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz Edge 1RB Right



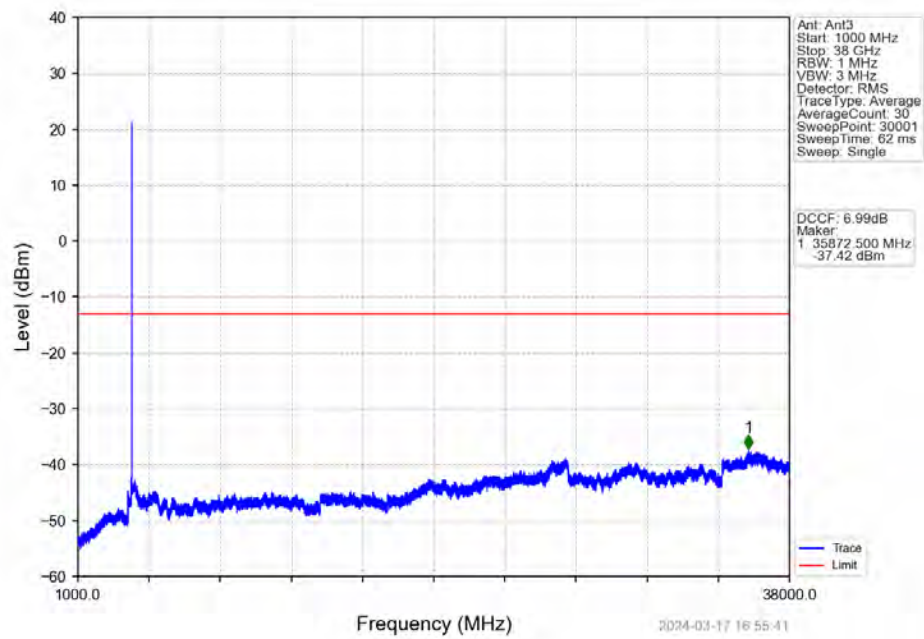
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz Edge 1RB Right



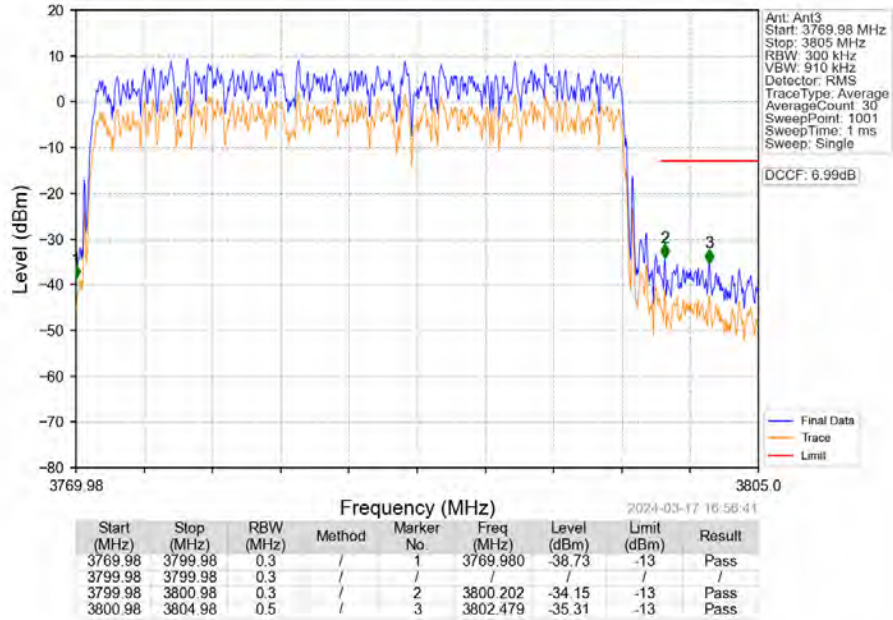
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz Edge 1RB Right



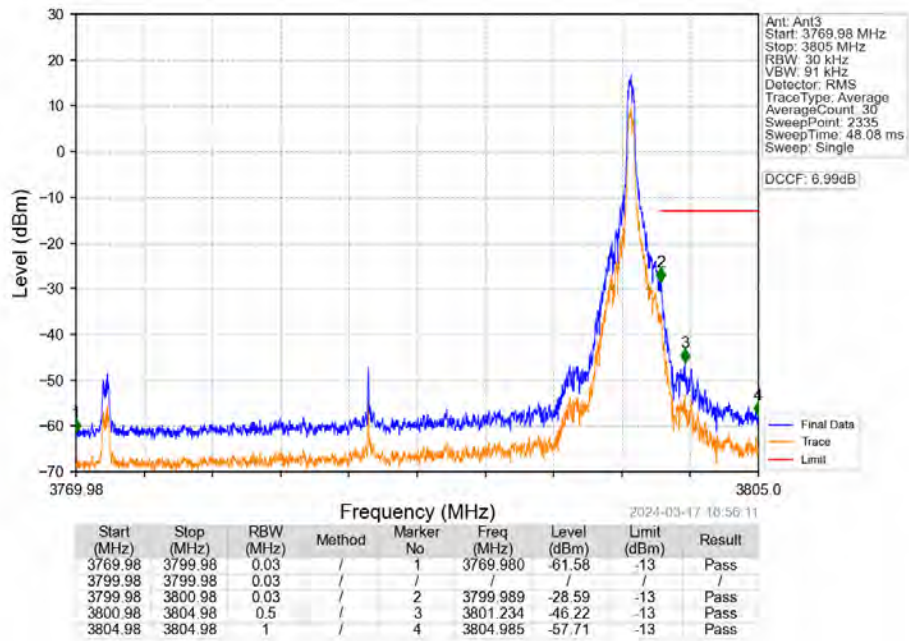
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz Edge 1RB Right



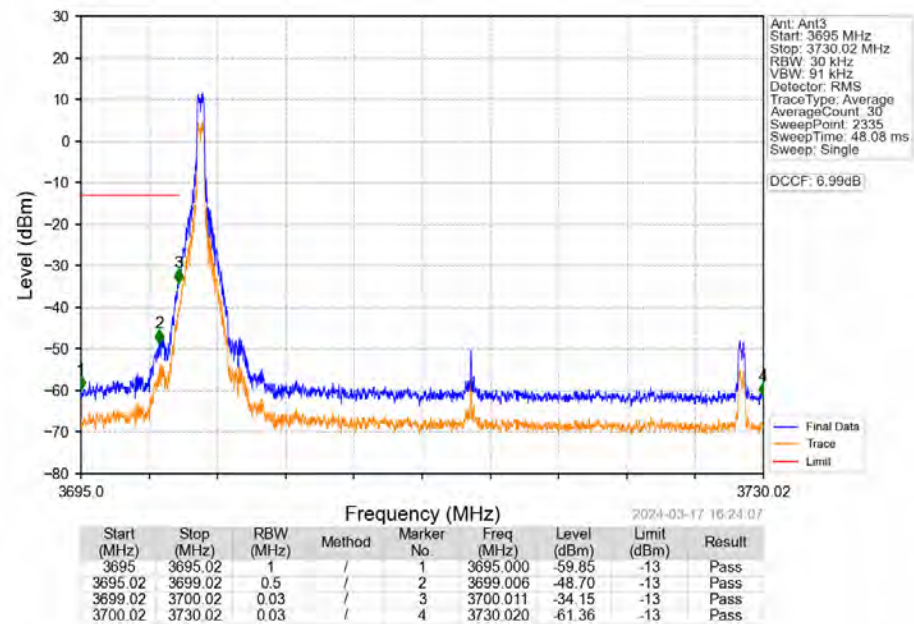
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz Outer Full



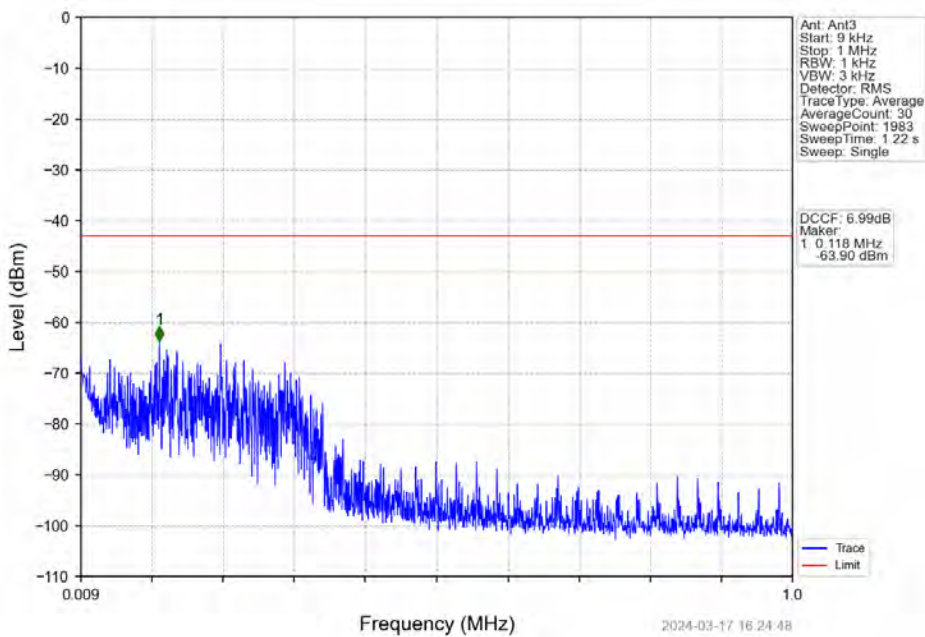
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz Inner 1RB Right



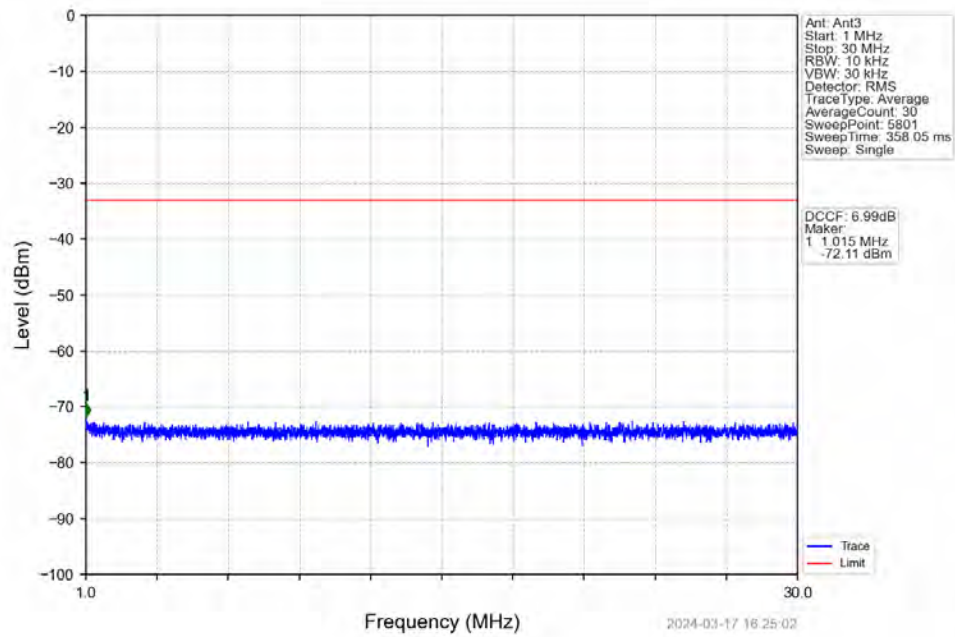
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3715.02MHz Edge 1RB Left



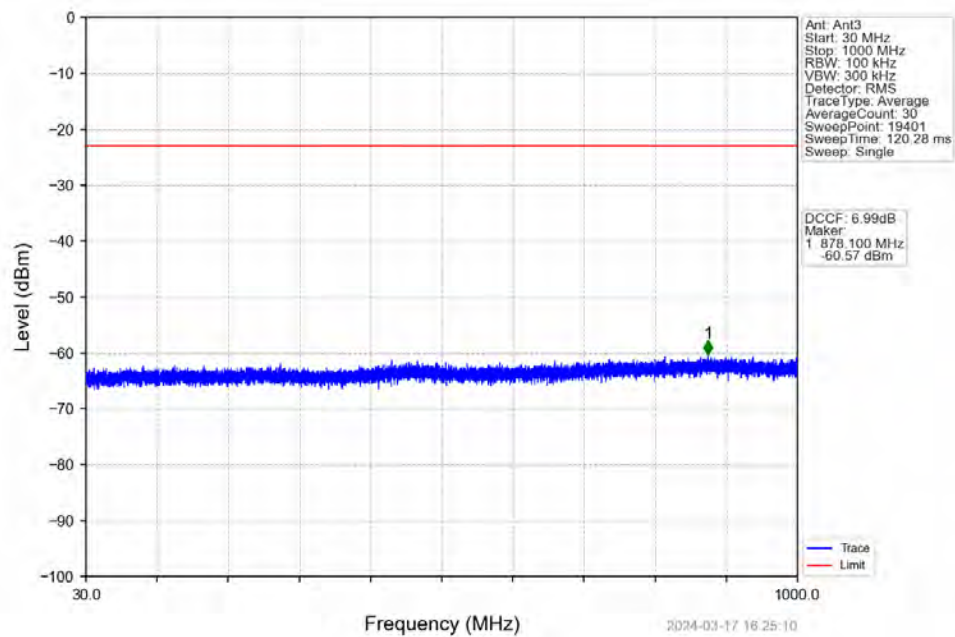
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3715.02MHz Edge 1RB Left



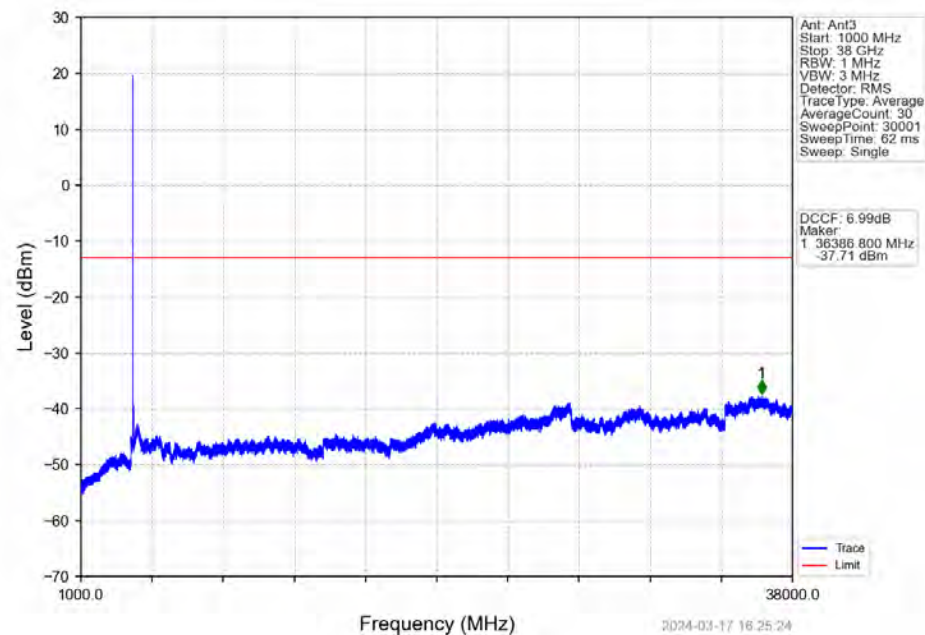
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3715.02MHz Edge 1RB Left



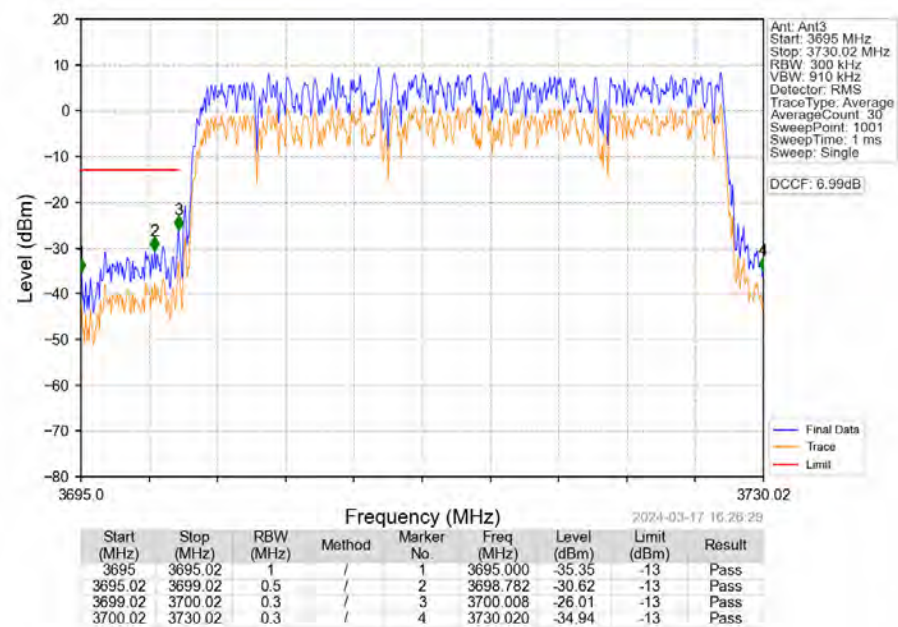
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3715.02MHz Edge 1RB Left



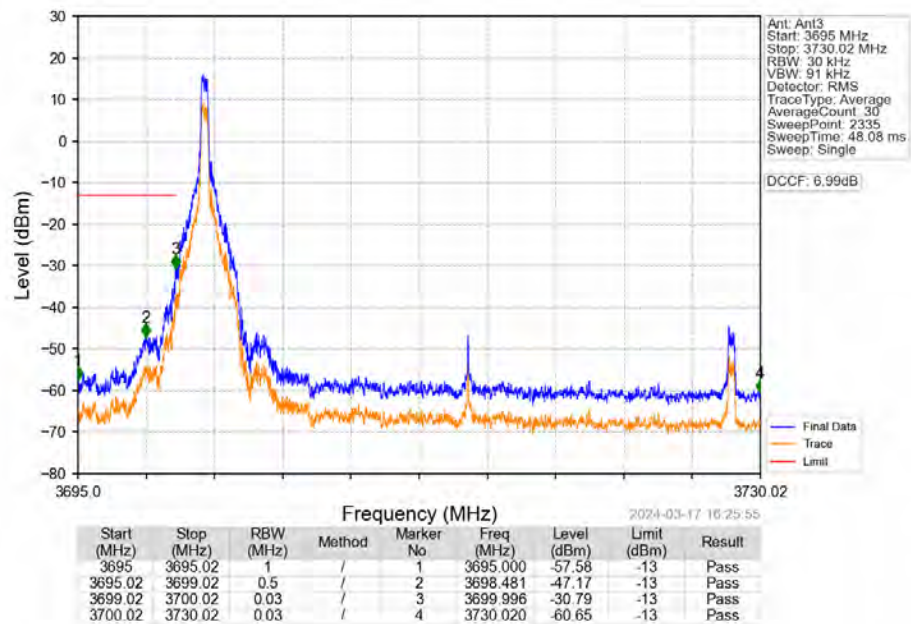
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3715.02MHz Edge 1RB Left



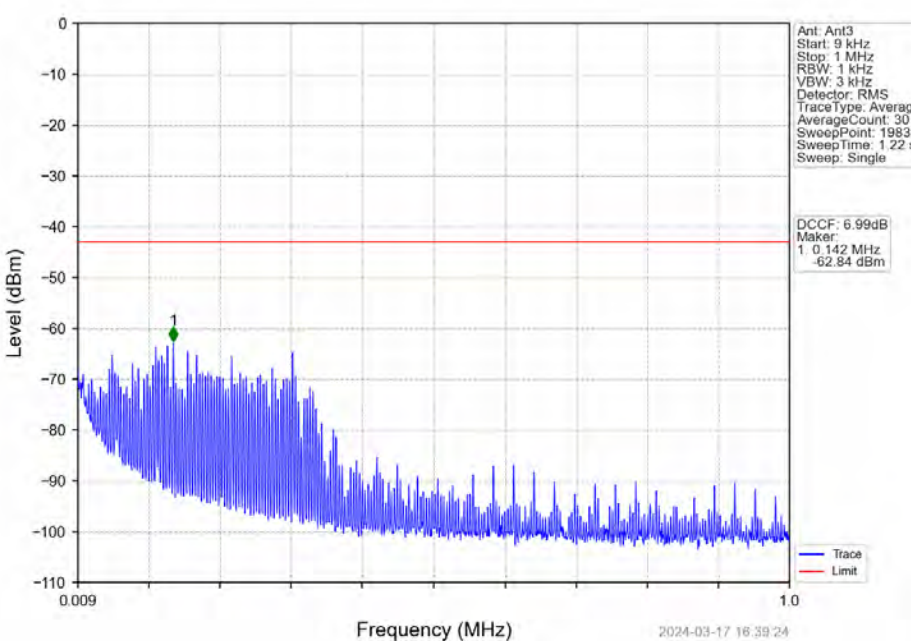
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3715.02MHz Outer Full



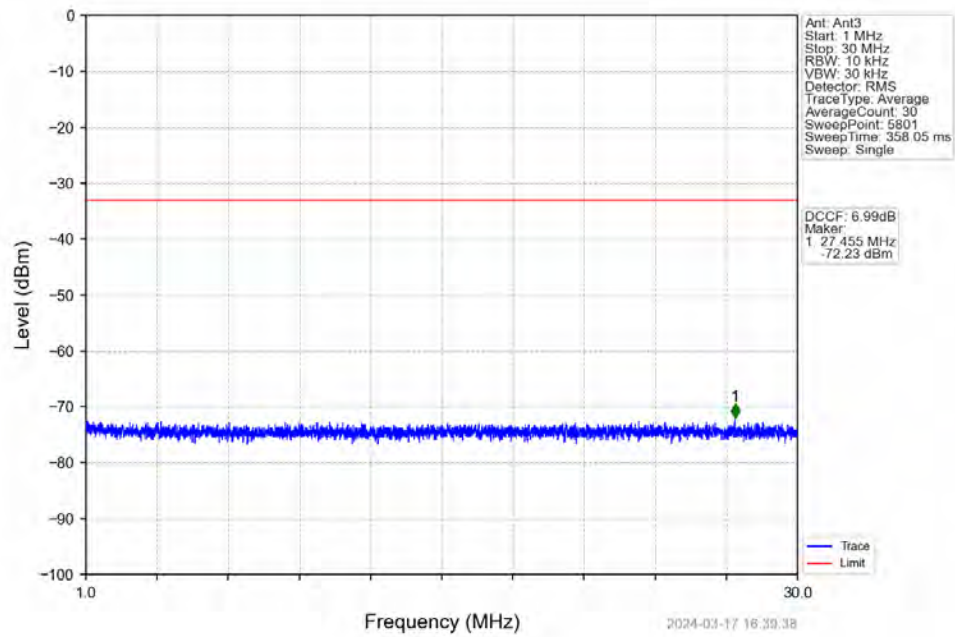
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3715.02MHz Inner 1RB Left



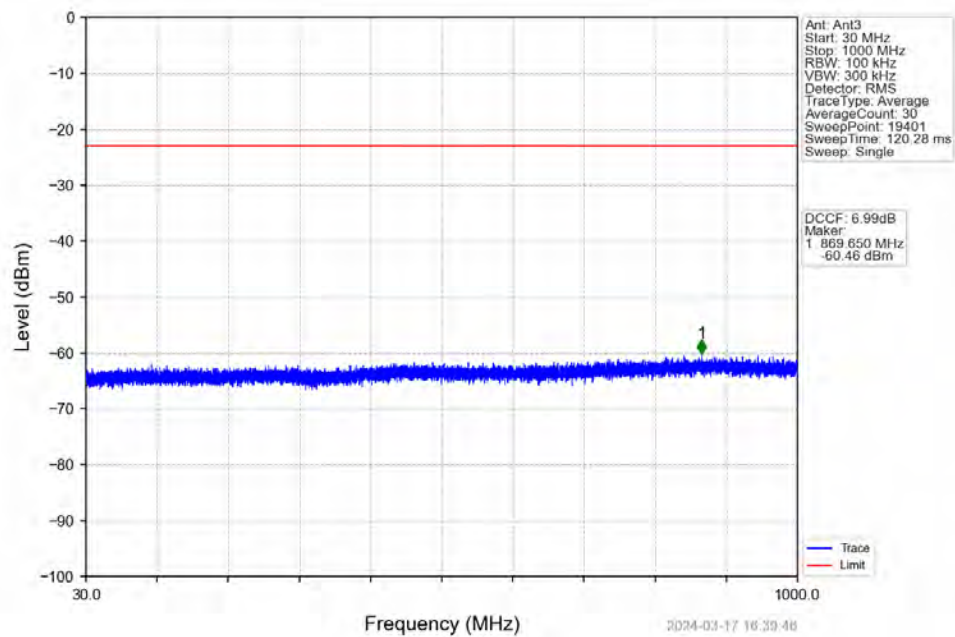
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3750MHz Edge 1RB Left



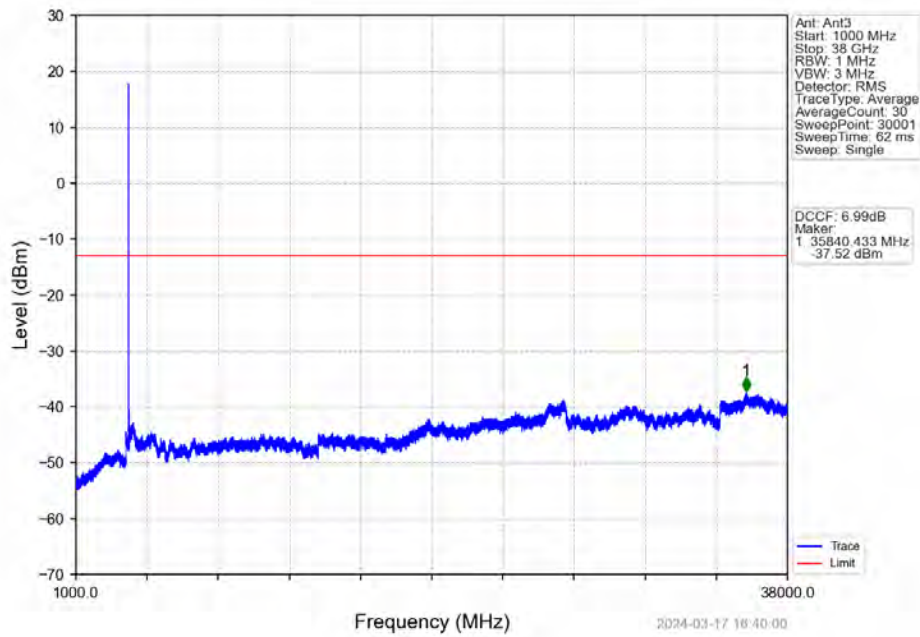
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3750MHz Edge 1RB Left



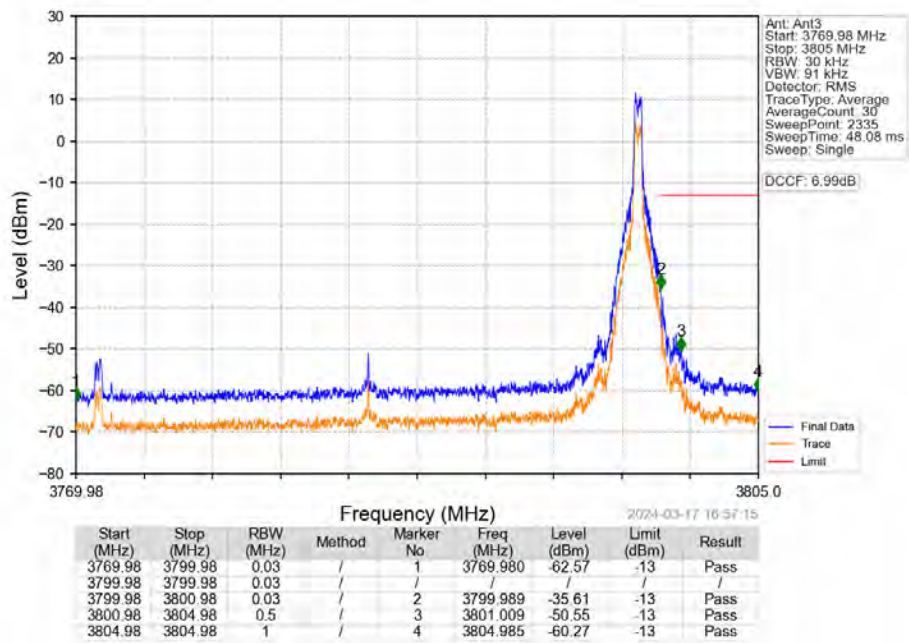
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3750MHz Edge 1RB Left



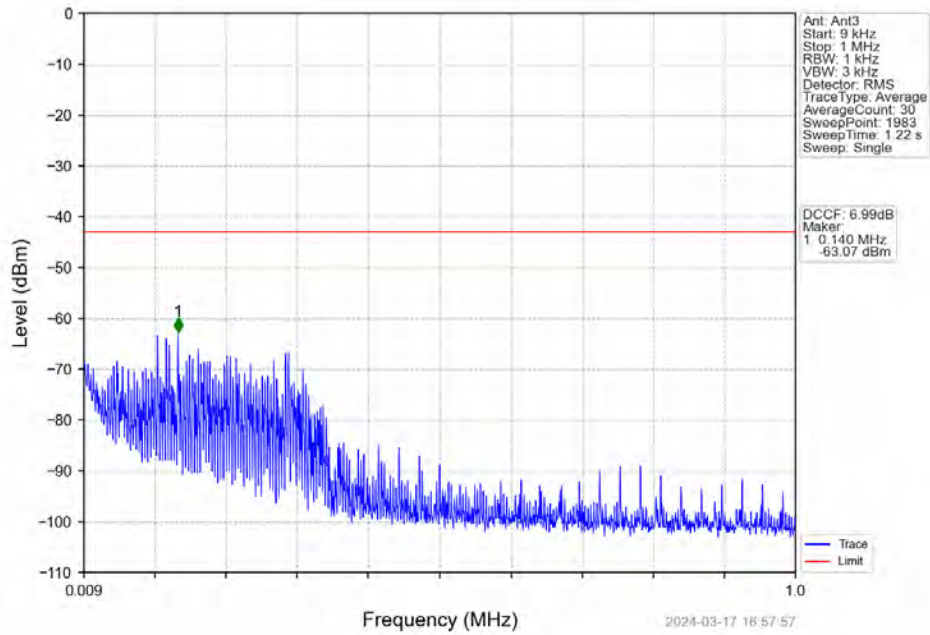
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3750MHz Edge 1RB Left



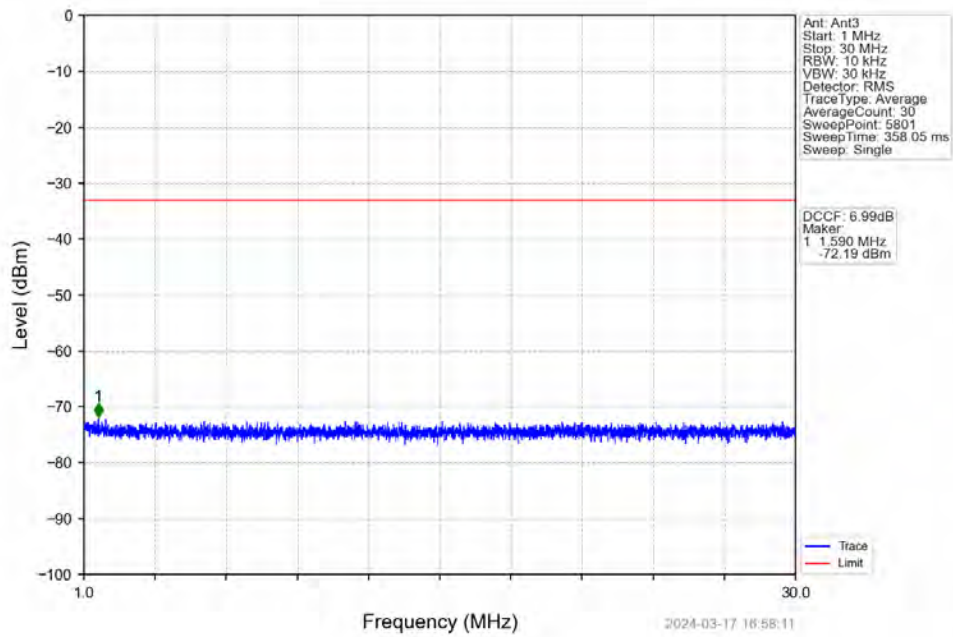
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3784.98MHz Edge 1RB Right



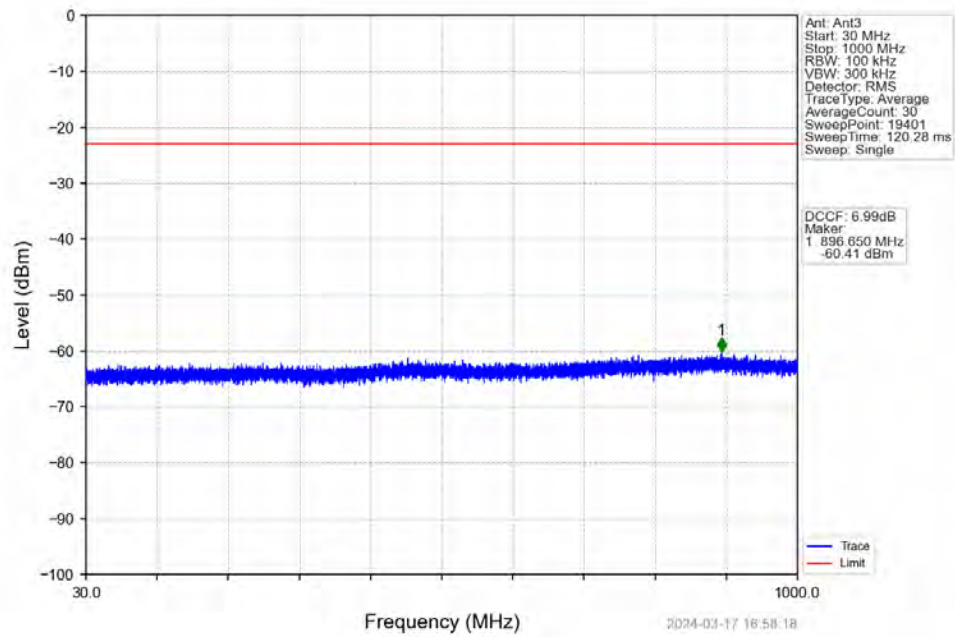
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3784.98MHz Edge 1RB Right



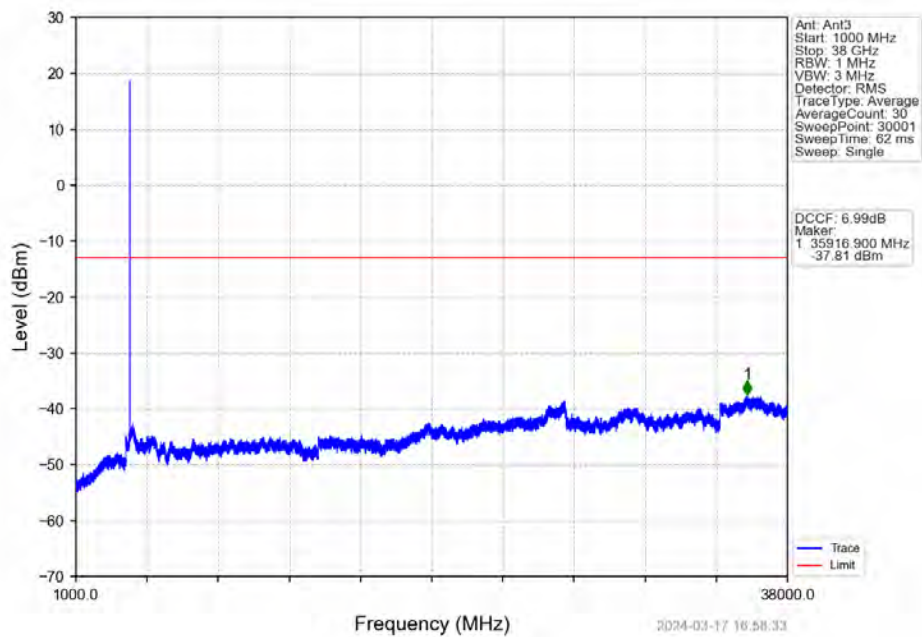
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3784.98MHz Edge 1RB Right



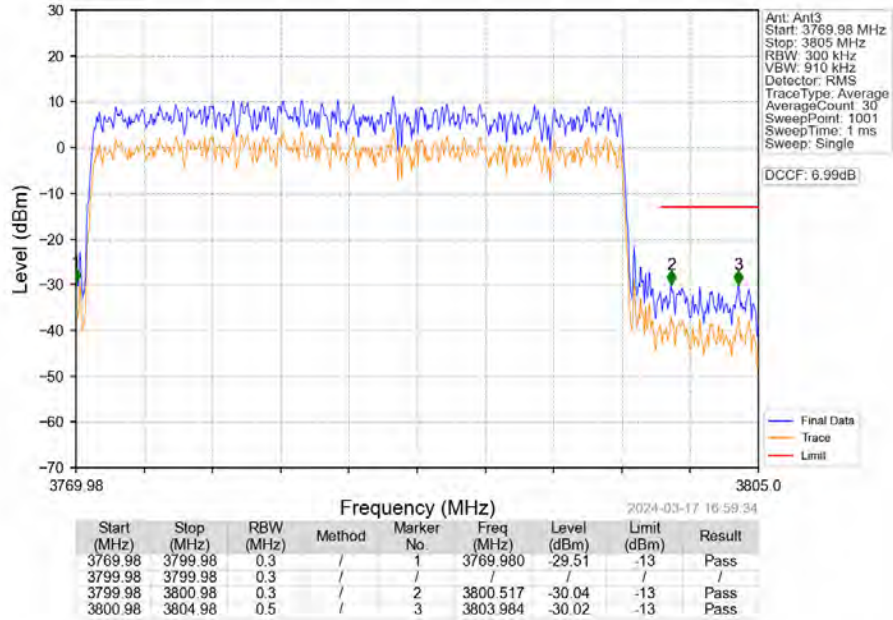
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3784.98MHz Edge 1RB Right



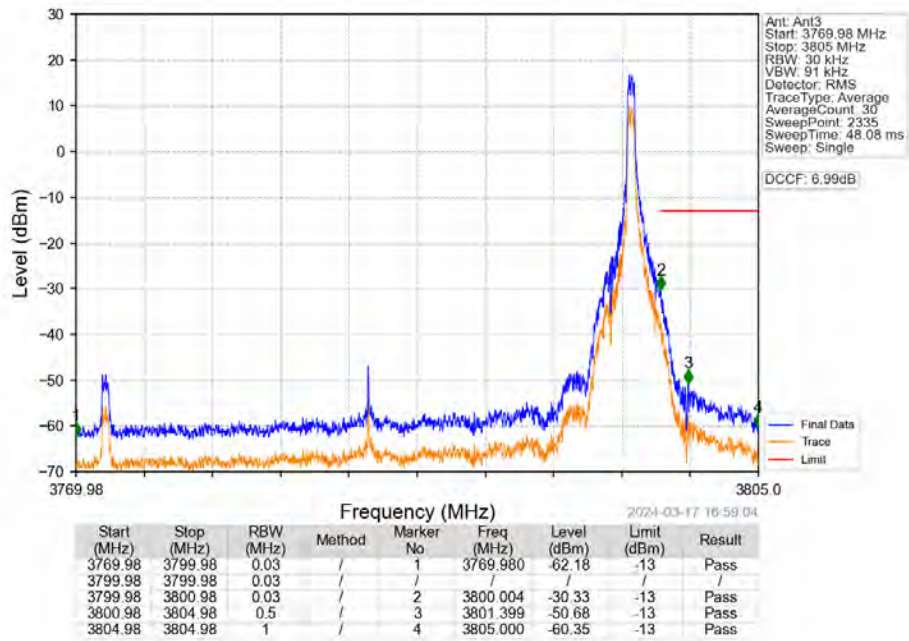
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3784.98MHz Edge 1RB Right



n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3784.98MHz Outer Full



n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3784.98MHz Inner 1RB Right

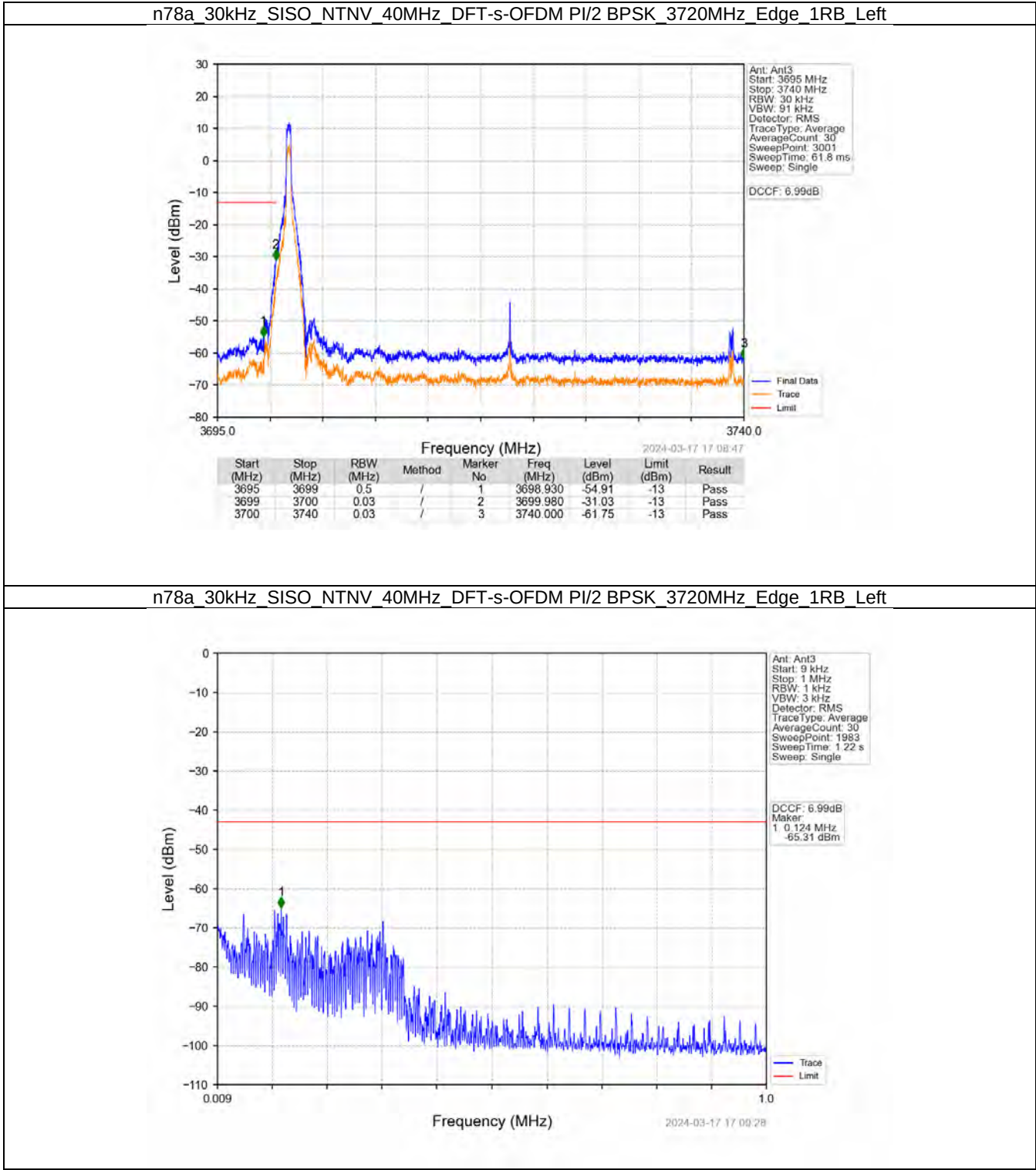


5.3 30k_SISO_40MHz_NTNV

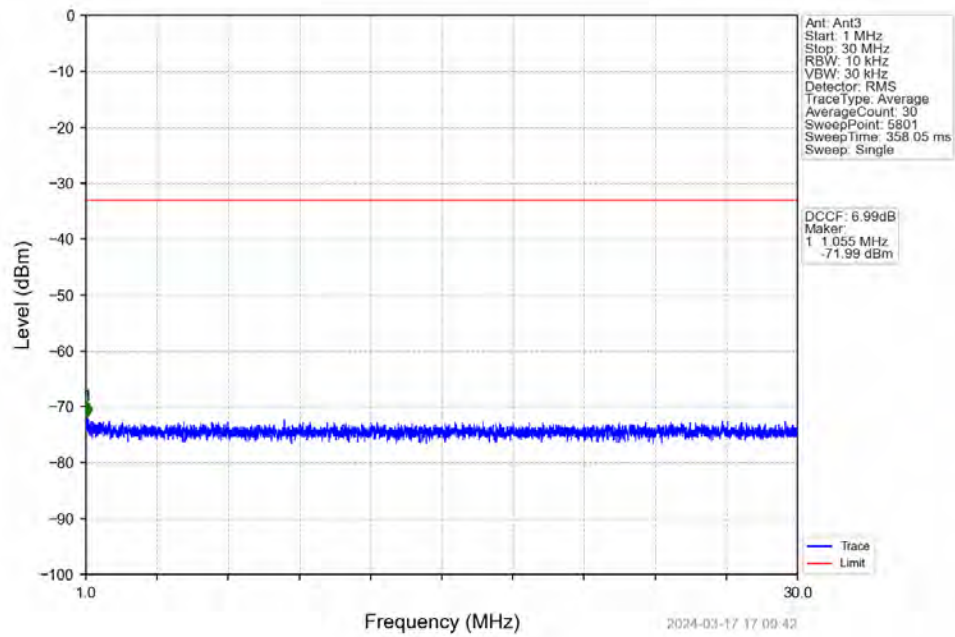
5.3.1 Test Result

5G NR n78a SCS=30kHz SISO 40MHz NTNv								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant7	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3720	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	3750	Edge_1RB_Left	Refer To Test Graph				Pass	
		3780	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	3720	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left			Refer To Test Graph				Pass	
3750		Edge_1RB_Left	Refer To Test Graph				Pass	
		3780	Edge_1RB_Right	Refer To Test Graph				Pass
Outer_Full			Refer To Test Graph				Pass	
Inner_1RB_Right			Refer To Test Graph				Pass	

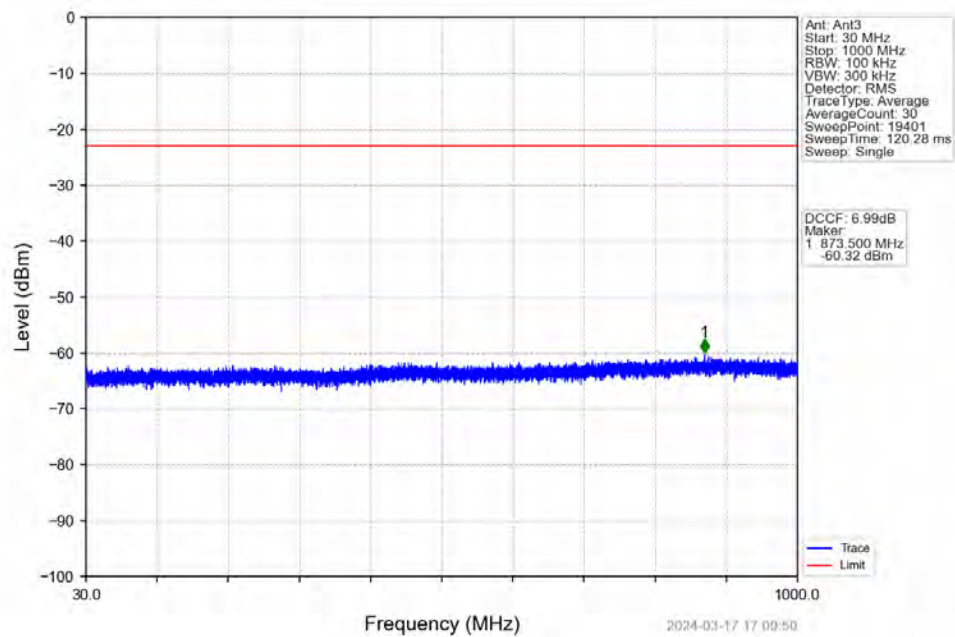
5.3.2 Test Graph



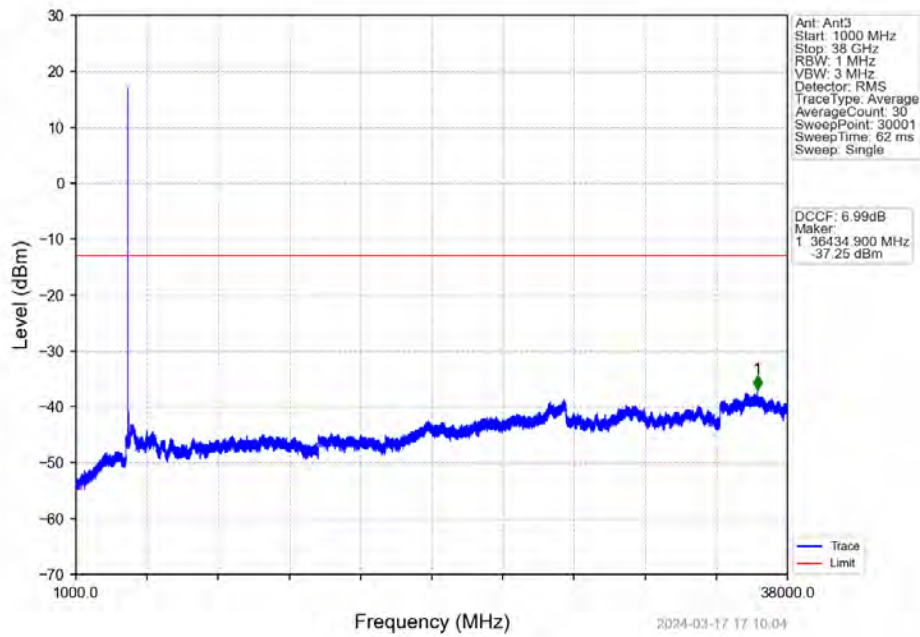
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3720MHz Edge 1RB Left



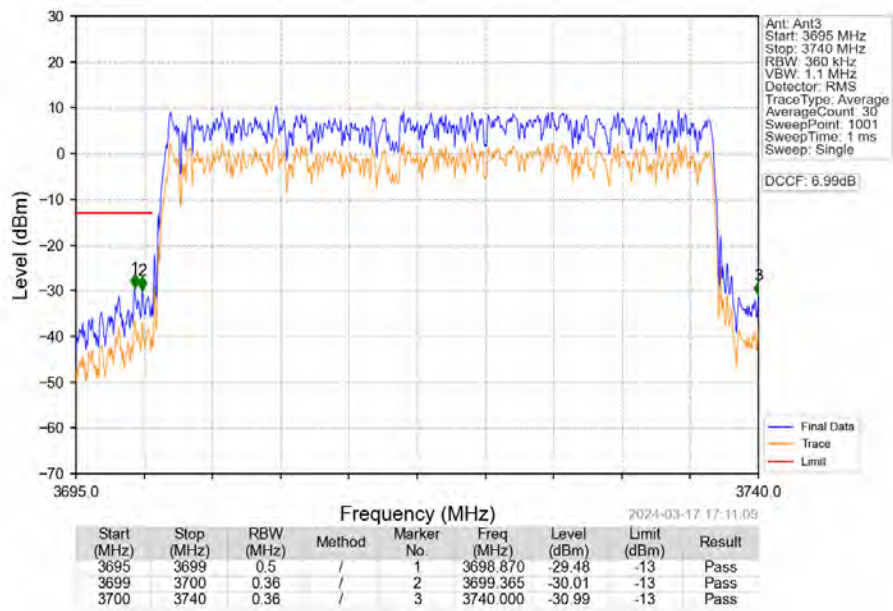
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3720MHz Edge 1RB Left



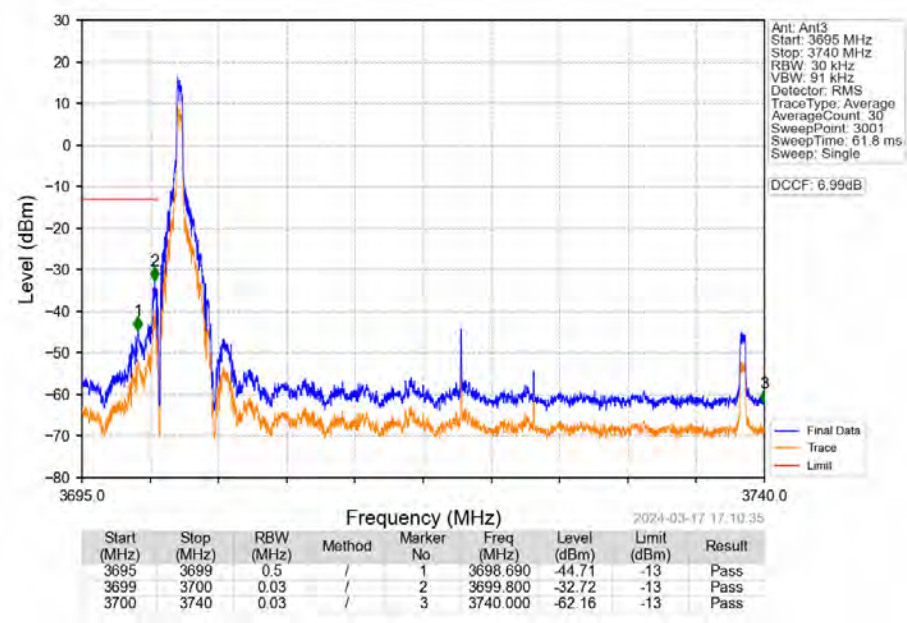
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3720MHz Edge 1RB Left



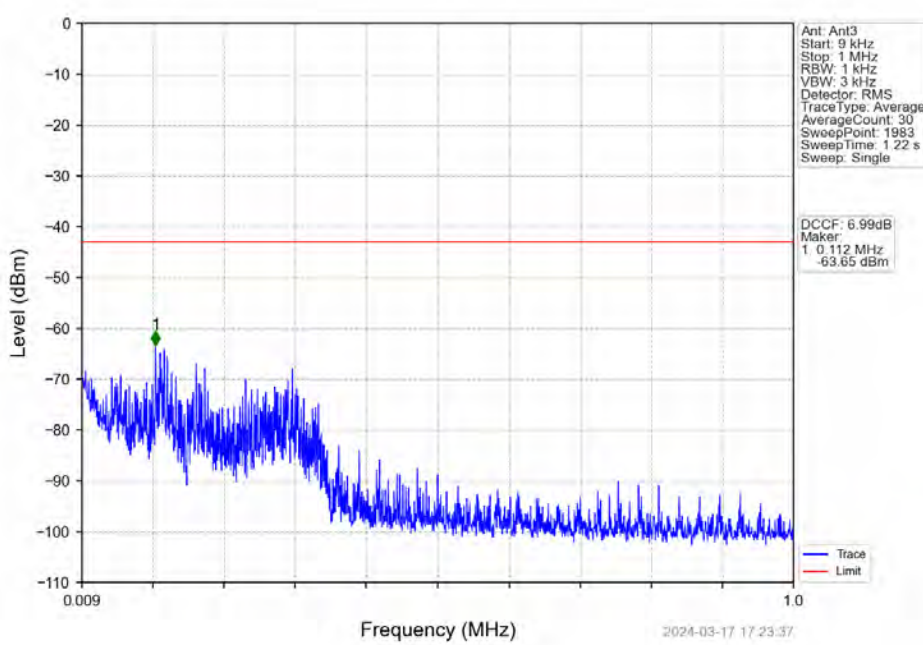
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3720MHz Outer Full



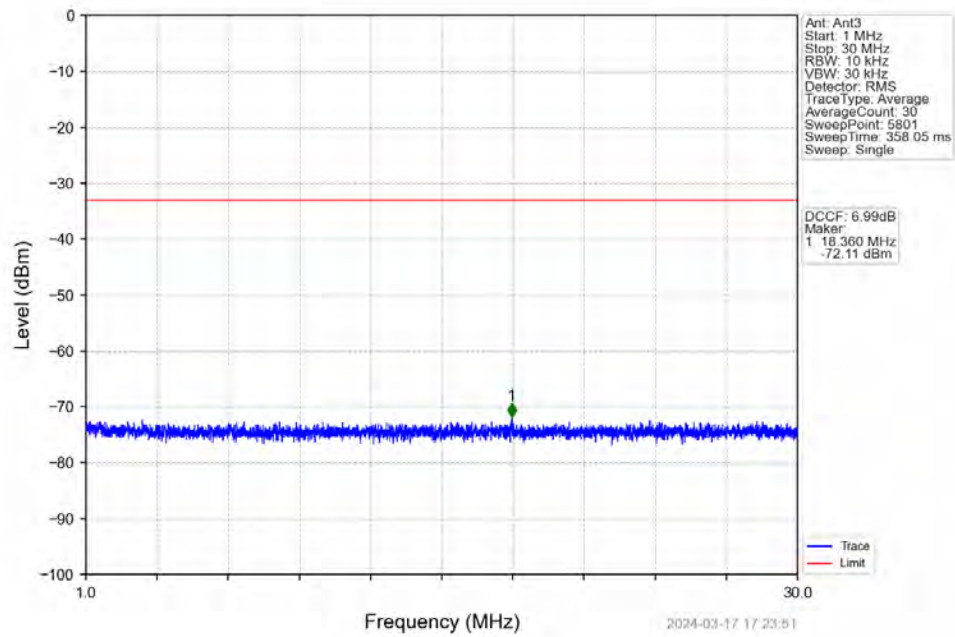
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3720MHz Inner 1RB Left



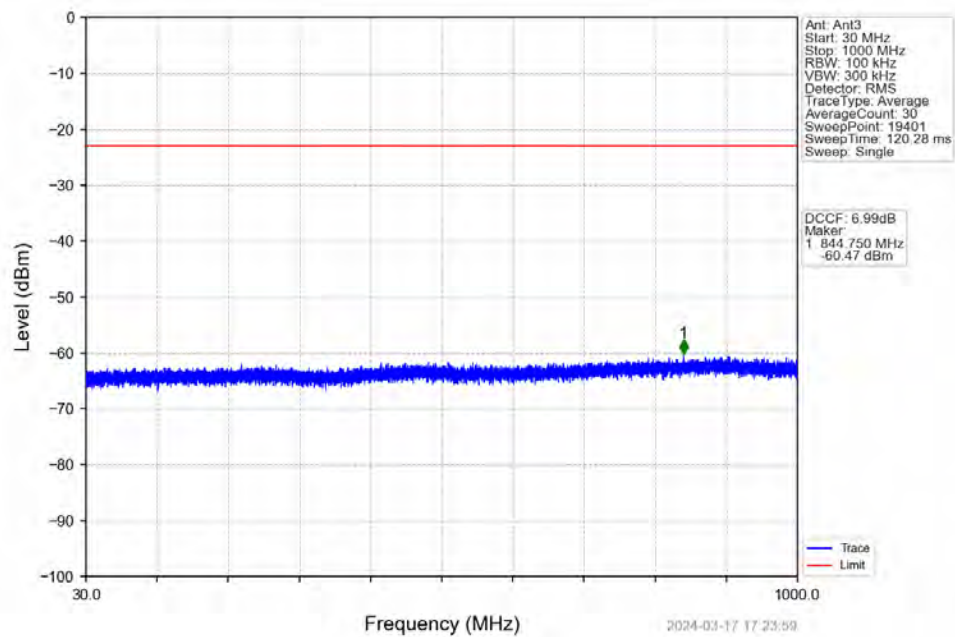
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



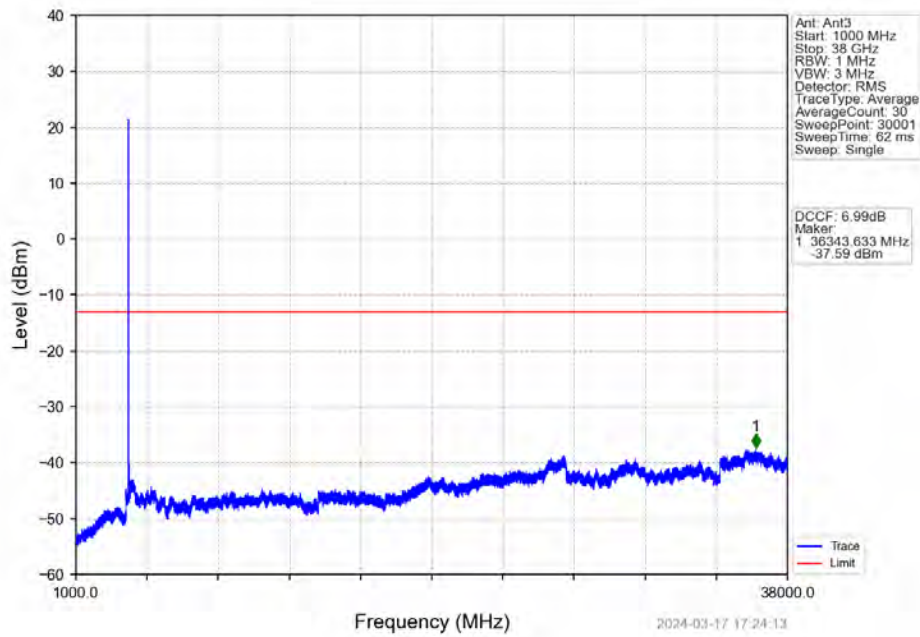
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



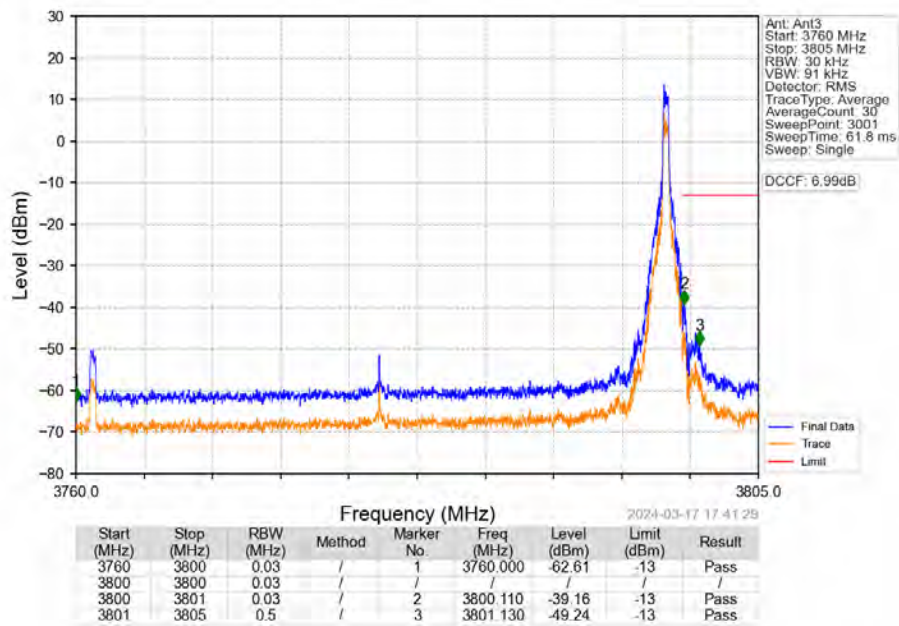
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



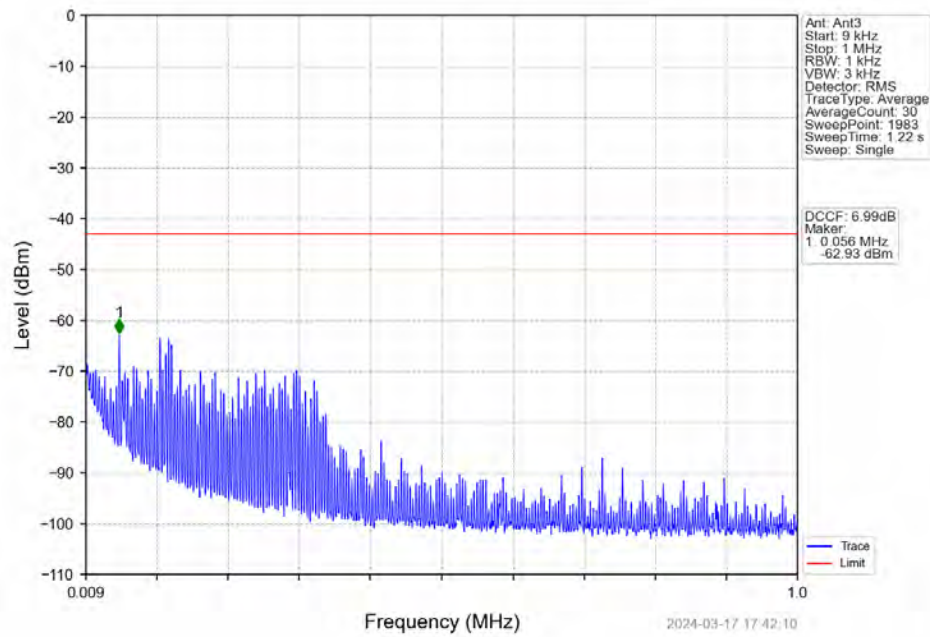
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



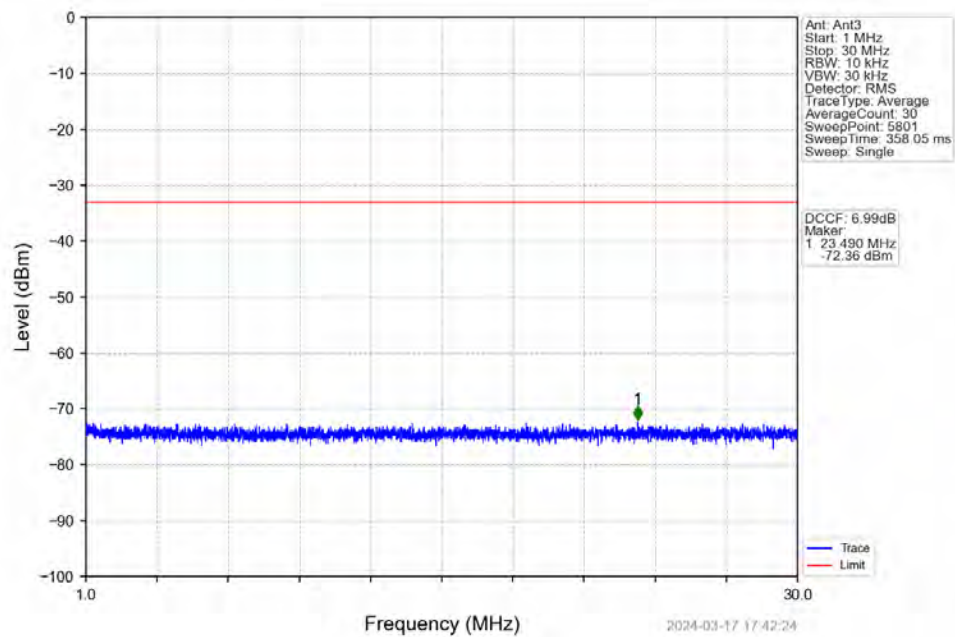
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3780MHz Edge 1RB Right



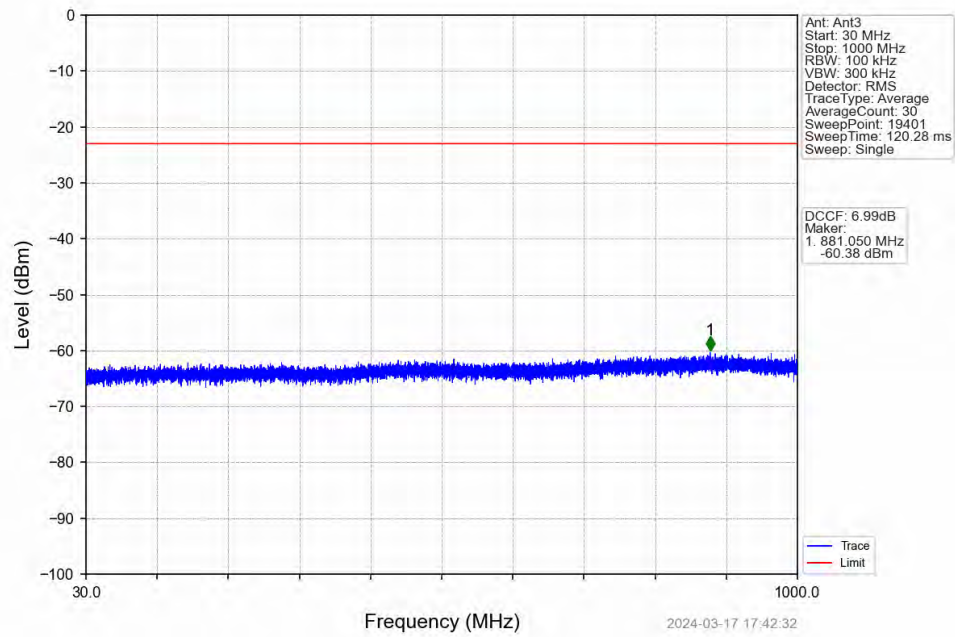
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3780MHz Edge 1RB Right



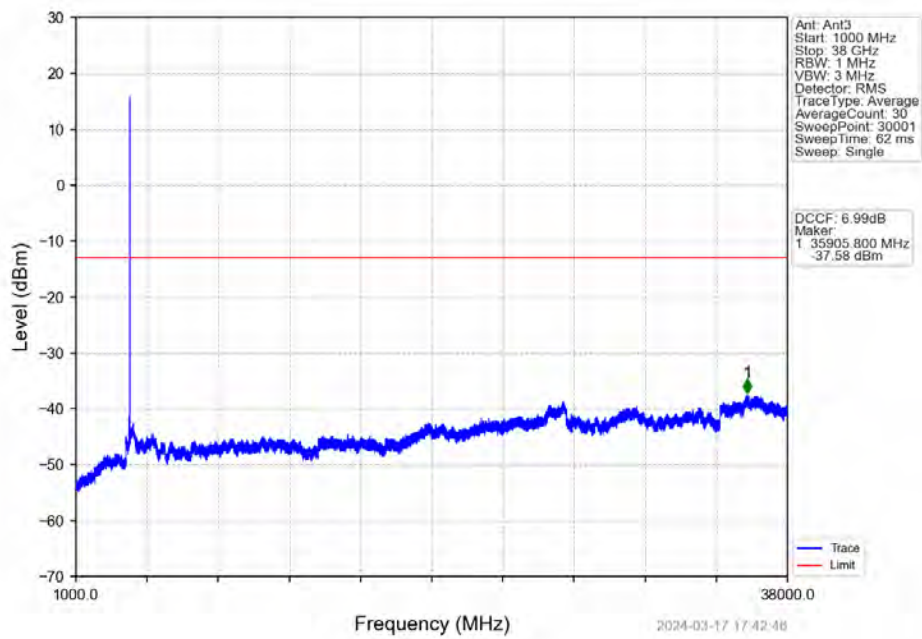
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3780MHz Edge 1RB Right



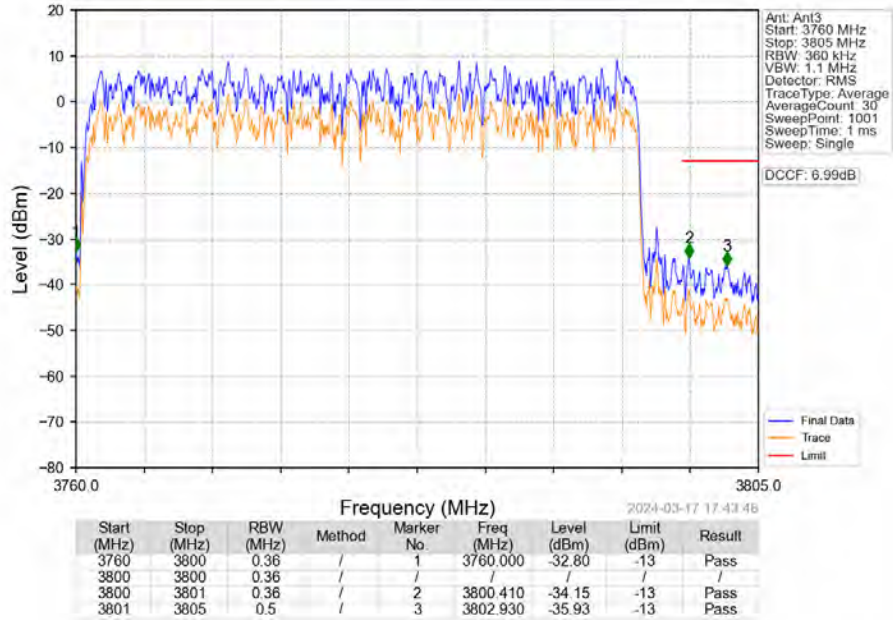
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3780MHz Edge 1RB Right



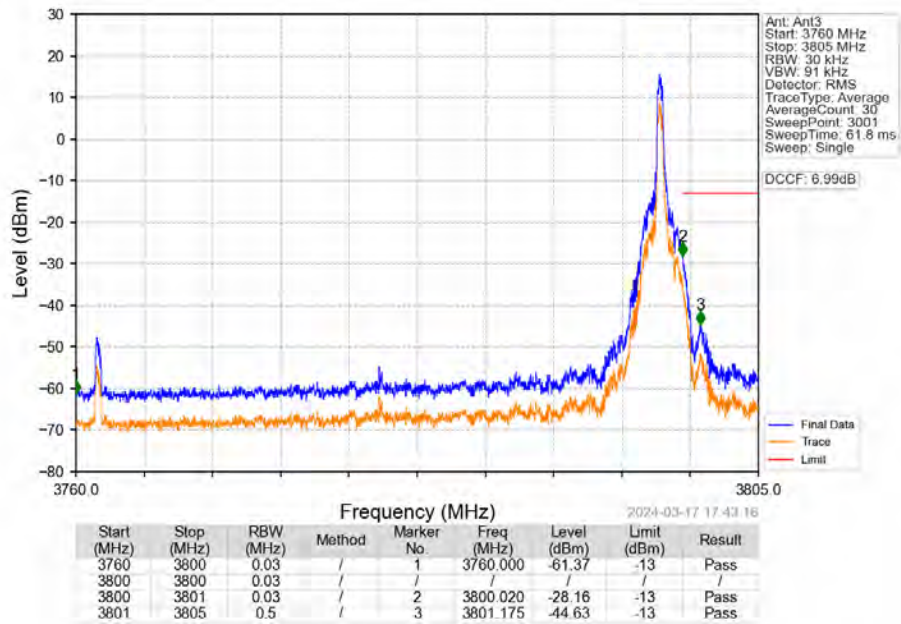
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3780MHz Edge 1RB Right



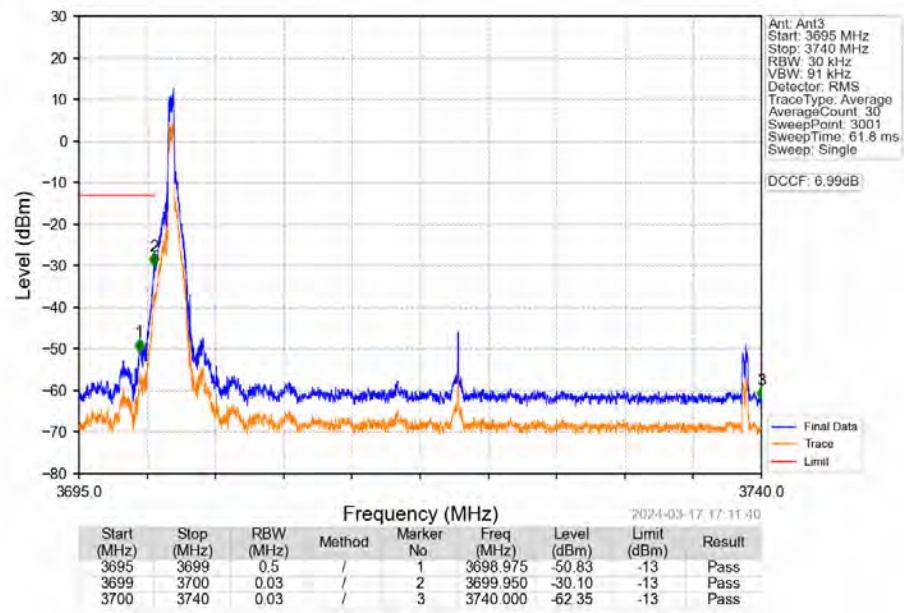
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3780MHz Outer Full



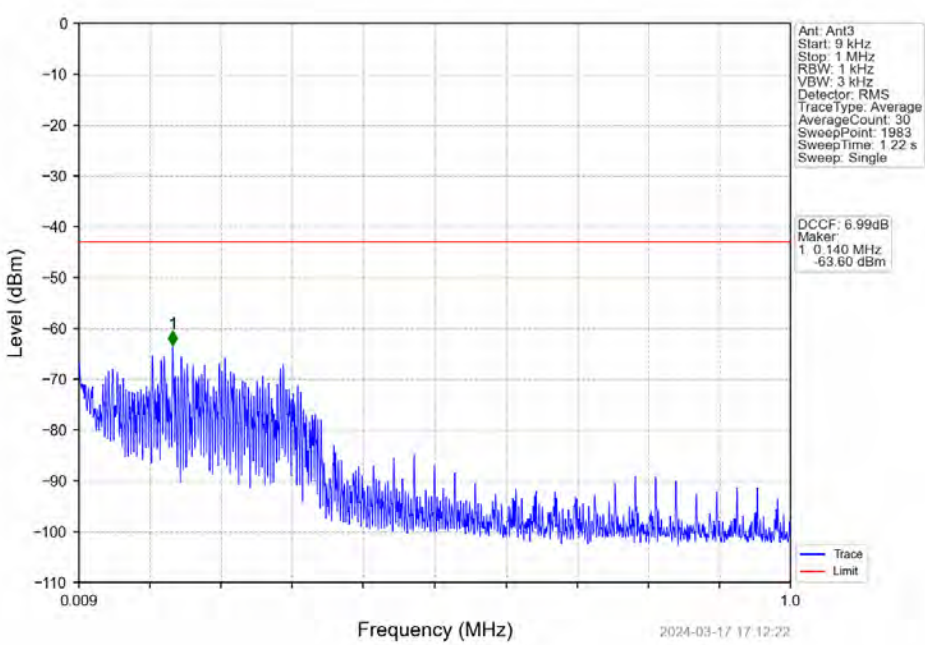
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3780MHz Inner 1RB Right



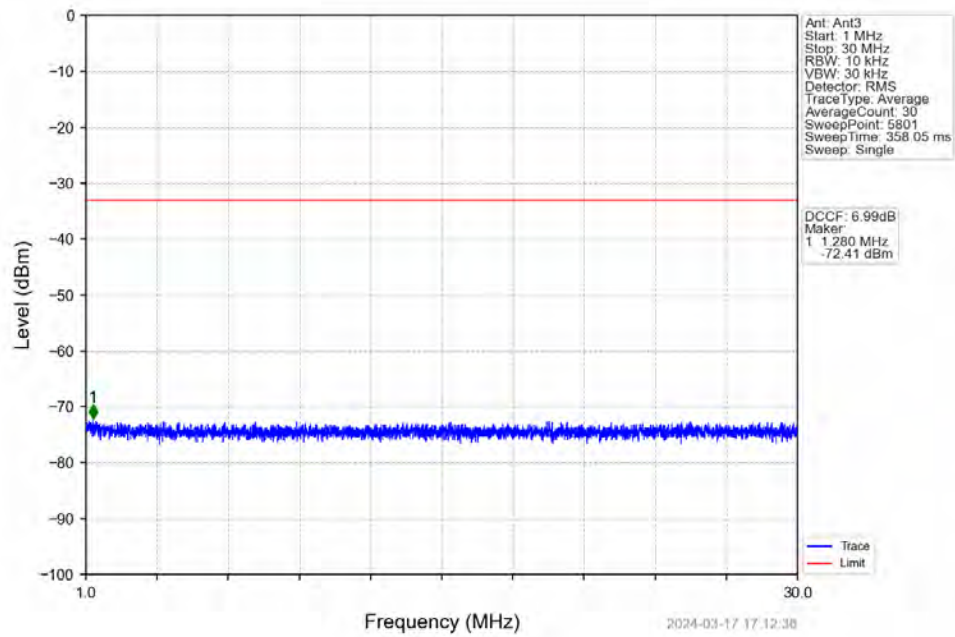
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3720MHz Edge 1RB Left



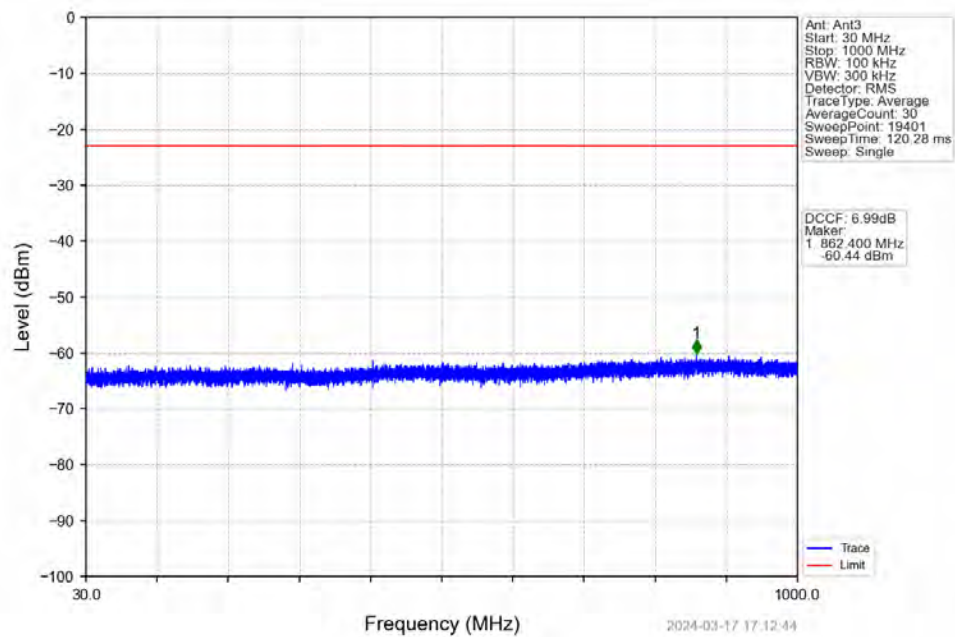
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3720MHz Edge 1RB Left



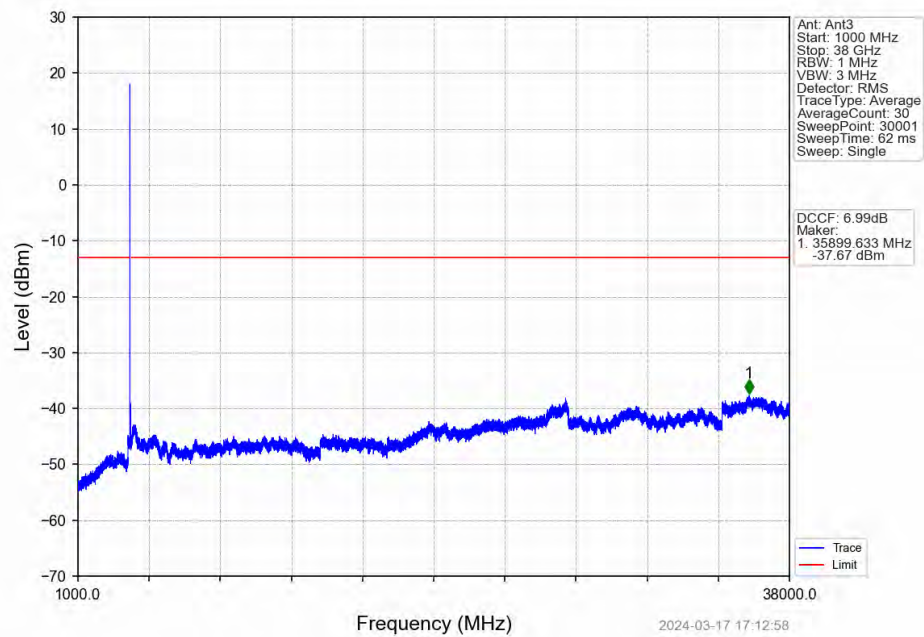
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3720MHz Edge 1RB Left



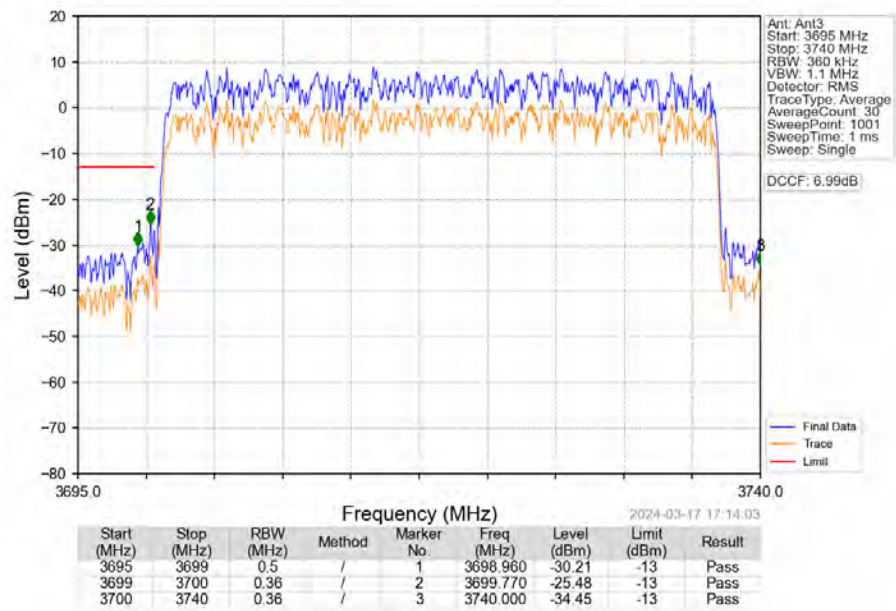
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3720MHz Edge 1RB Left



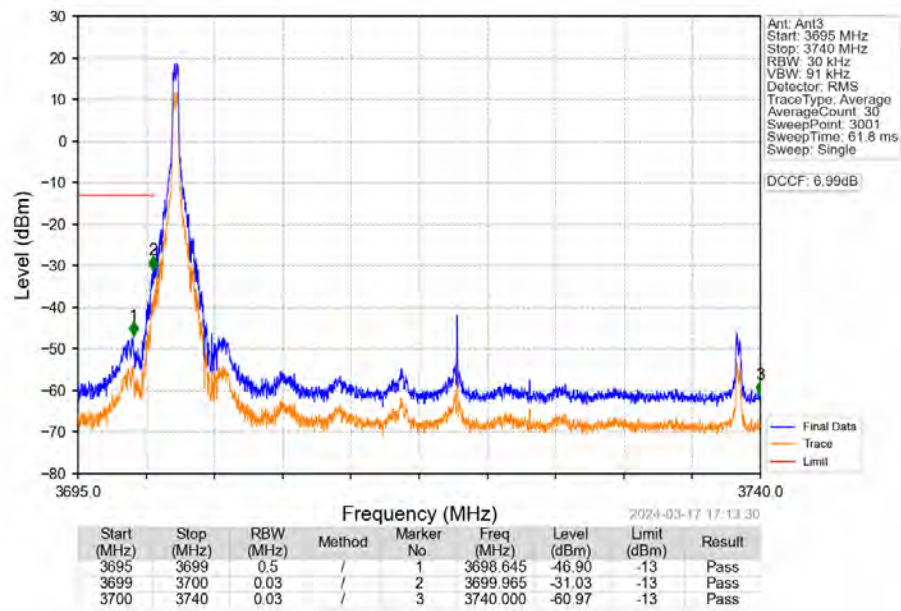
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3720MHz Edge 1RB Left



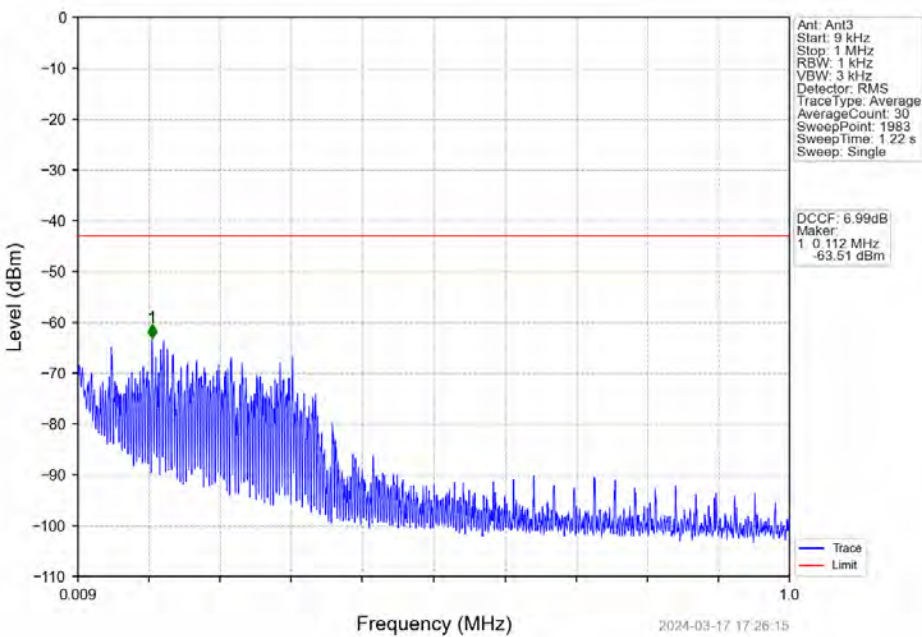
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3720MHz Outer Full



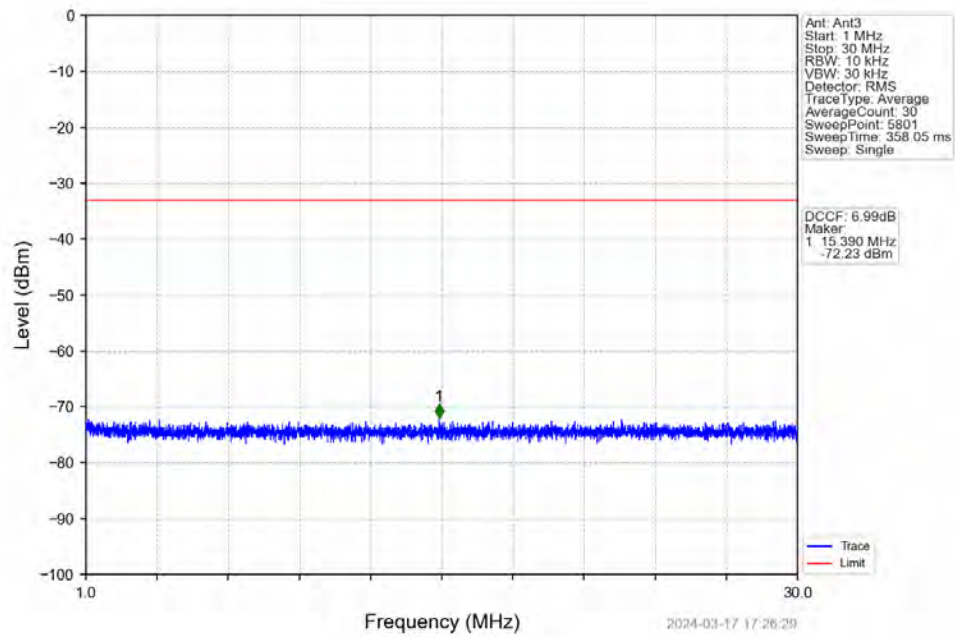
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3720MHz Inner 1RB Left



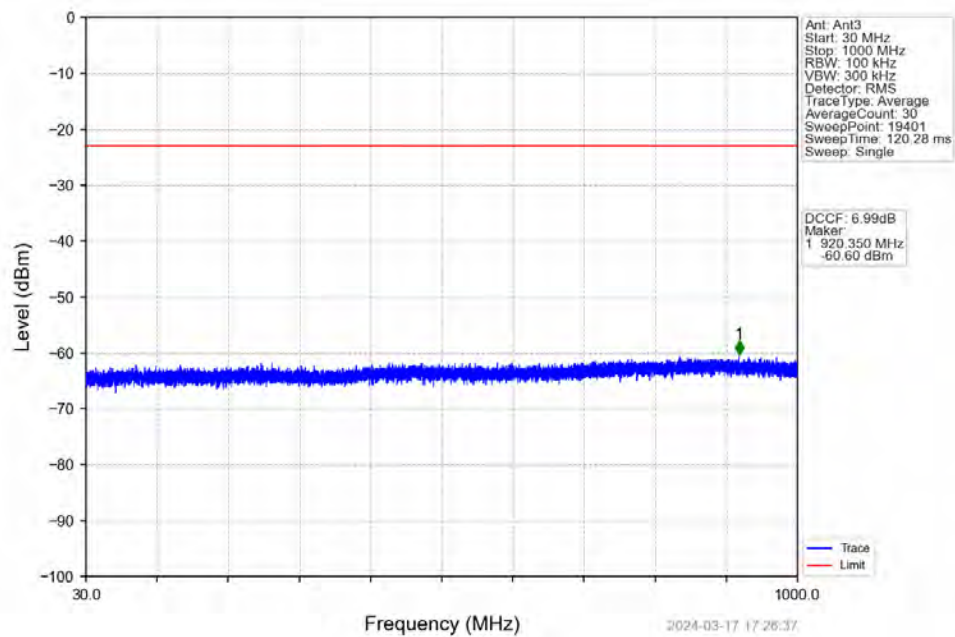
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3750MHz Edge 1RB Left



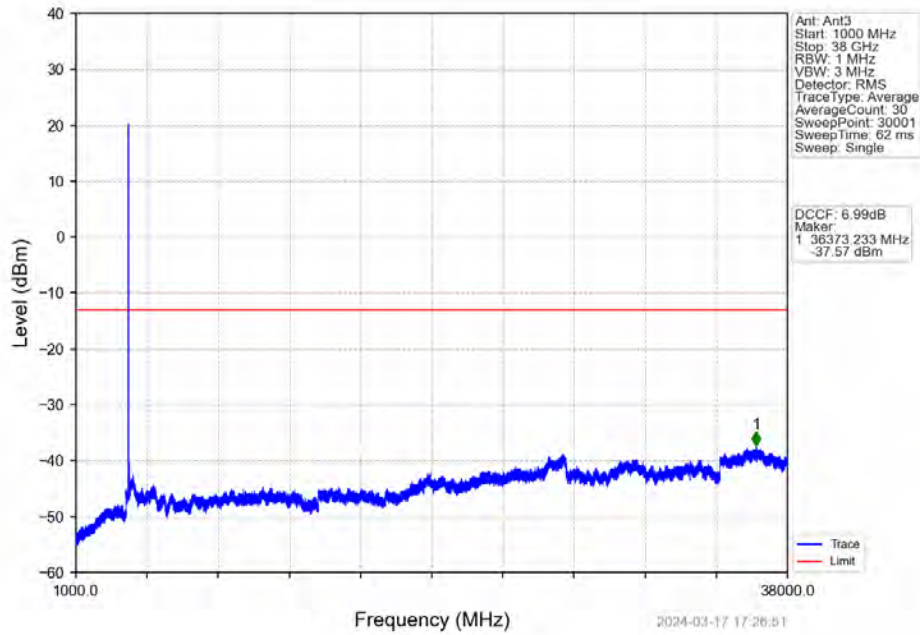
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3750MHz Edge 1RB Left



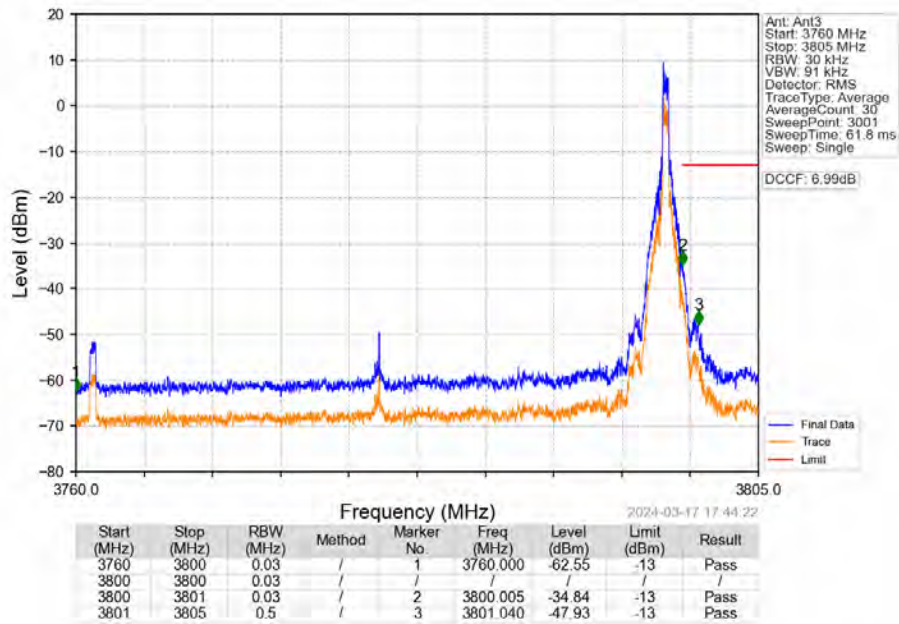
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3750MHz Edge 1RB Left



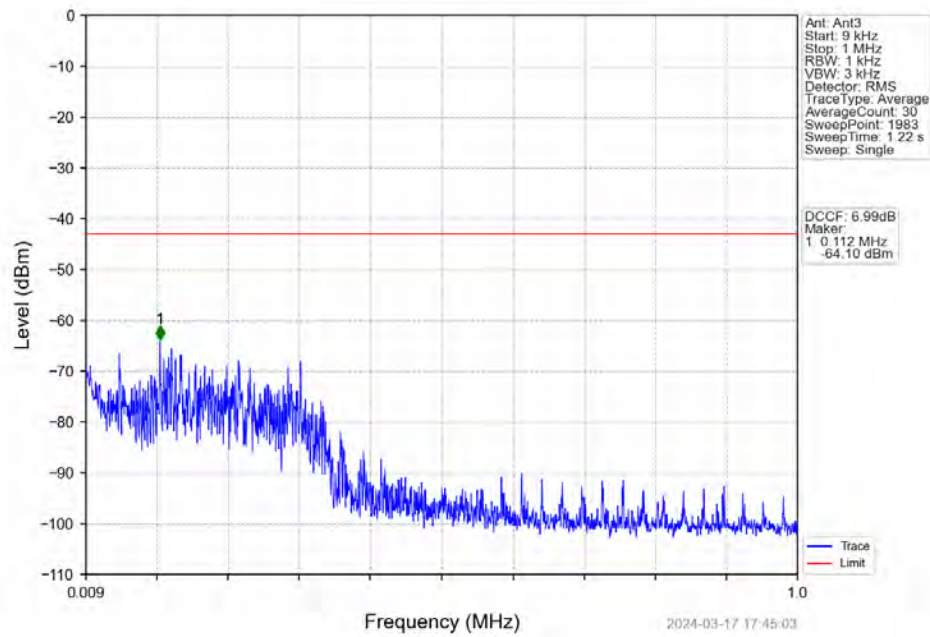
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3750MHz Edge 1RB Left



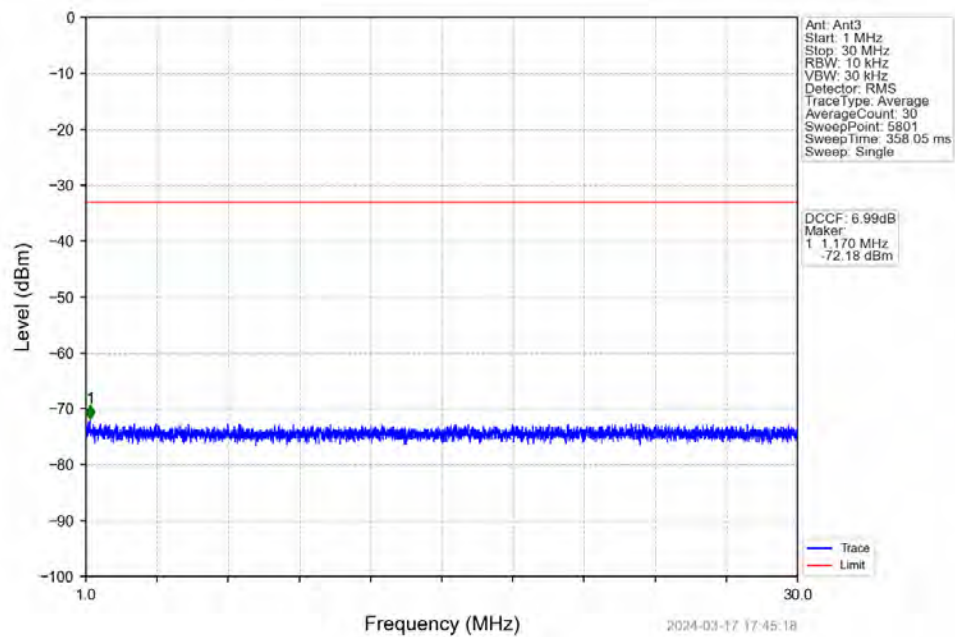
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3780MHz Edge 1RB Right



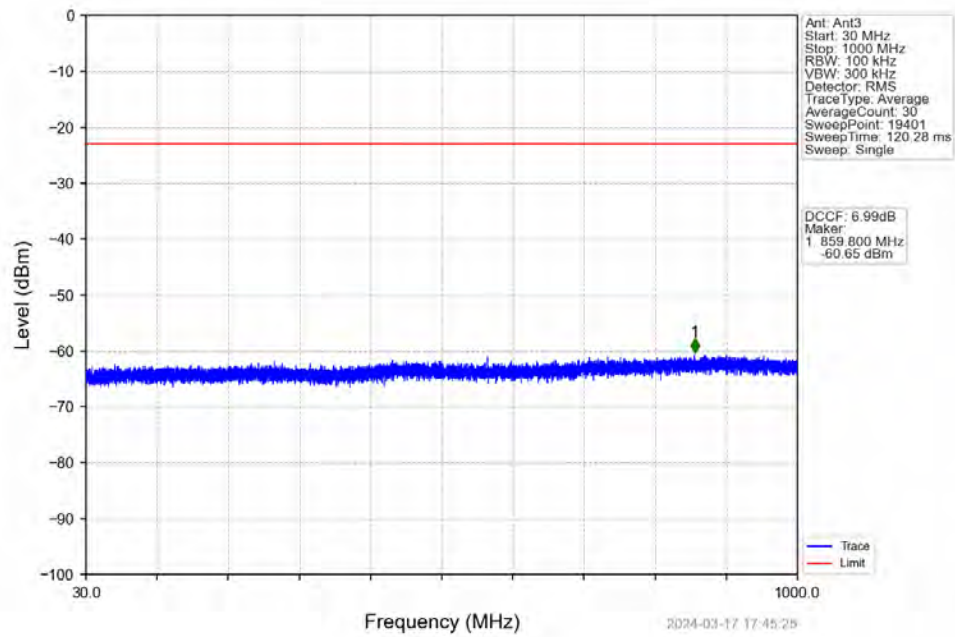
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3780MHz Edge 1RB Right



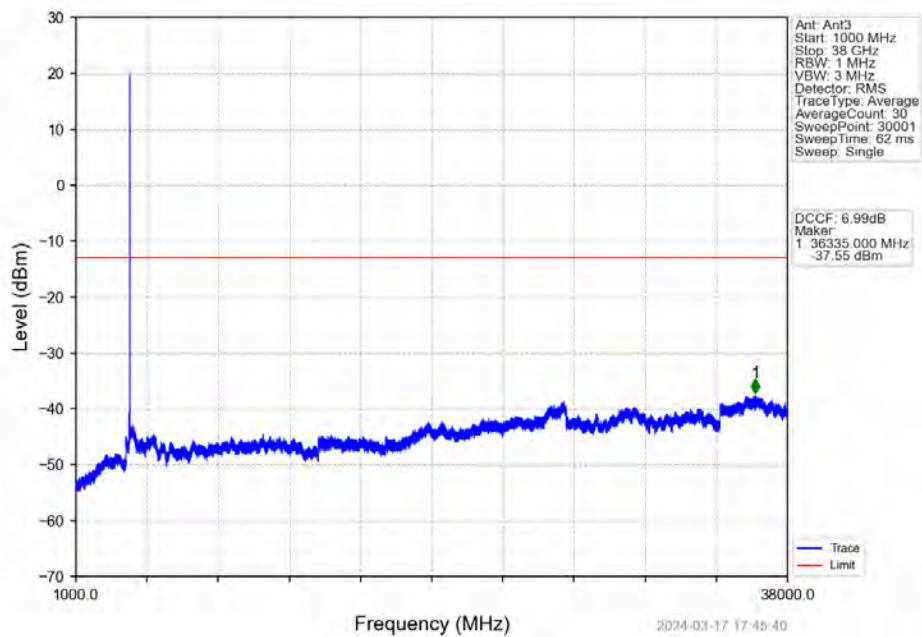
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3780MHz Edge 1RB Right



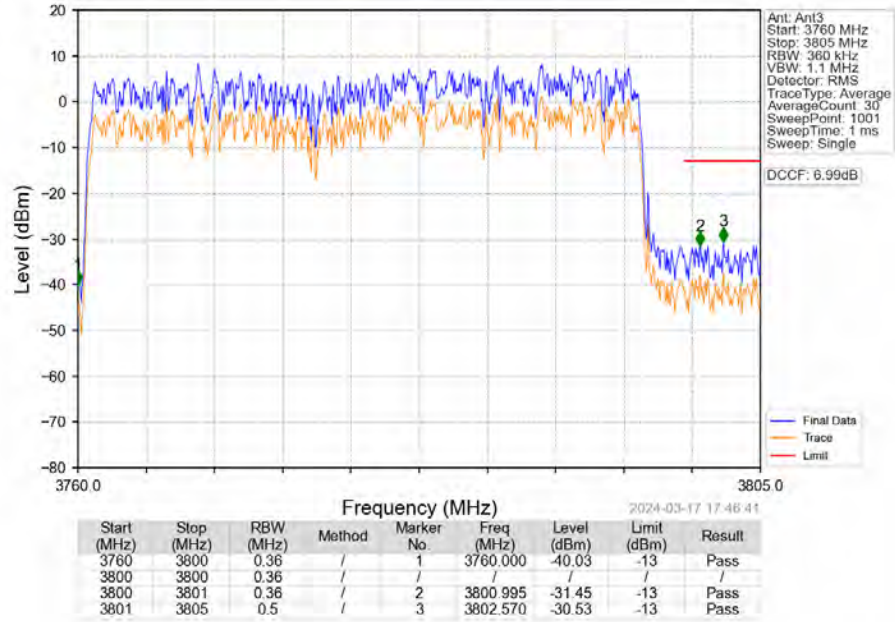
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3780MHz Edge 1RB Right



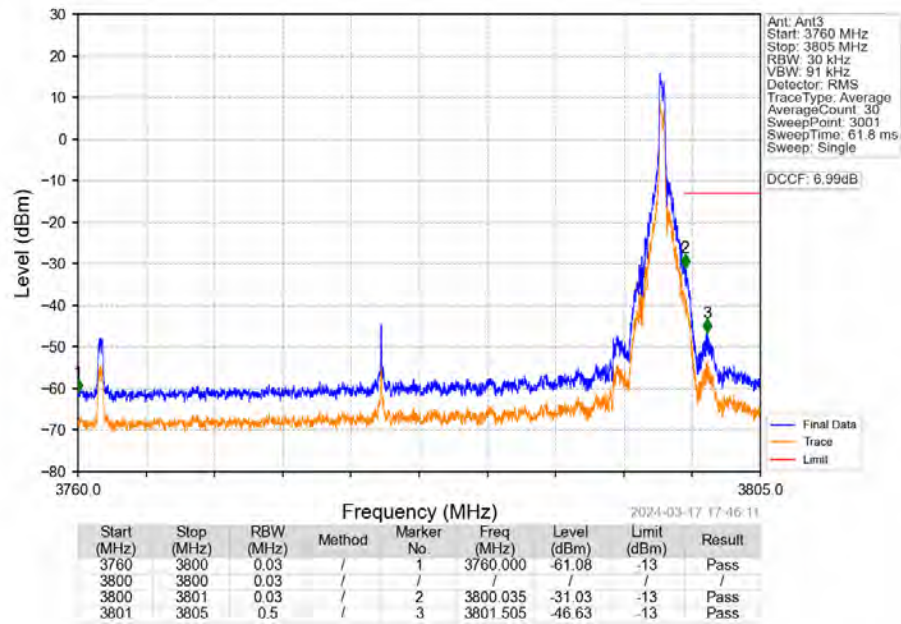
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3780MHz Edge 1RB Right



n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3780MHz Outer Full



n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3780MHz Inner 1RB Right

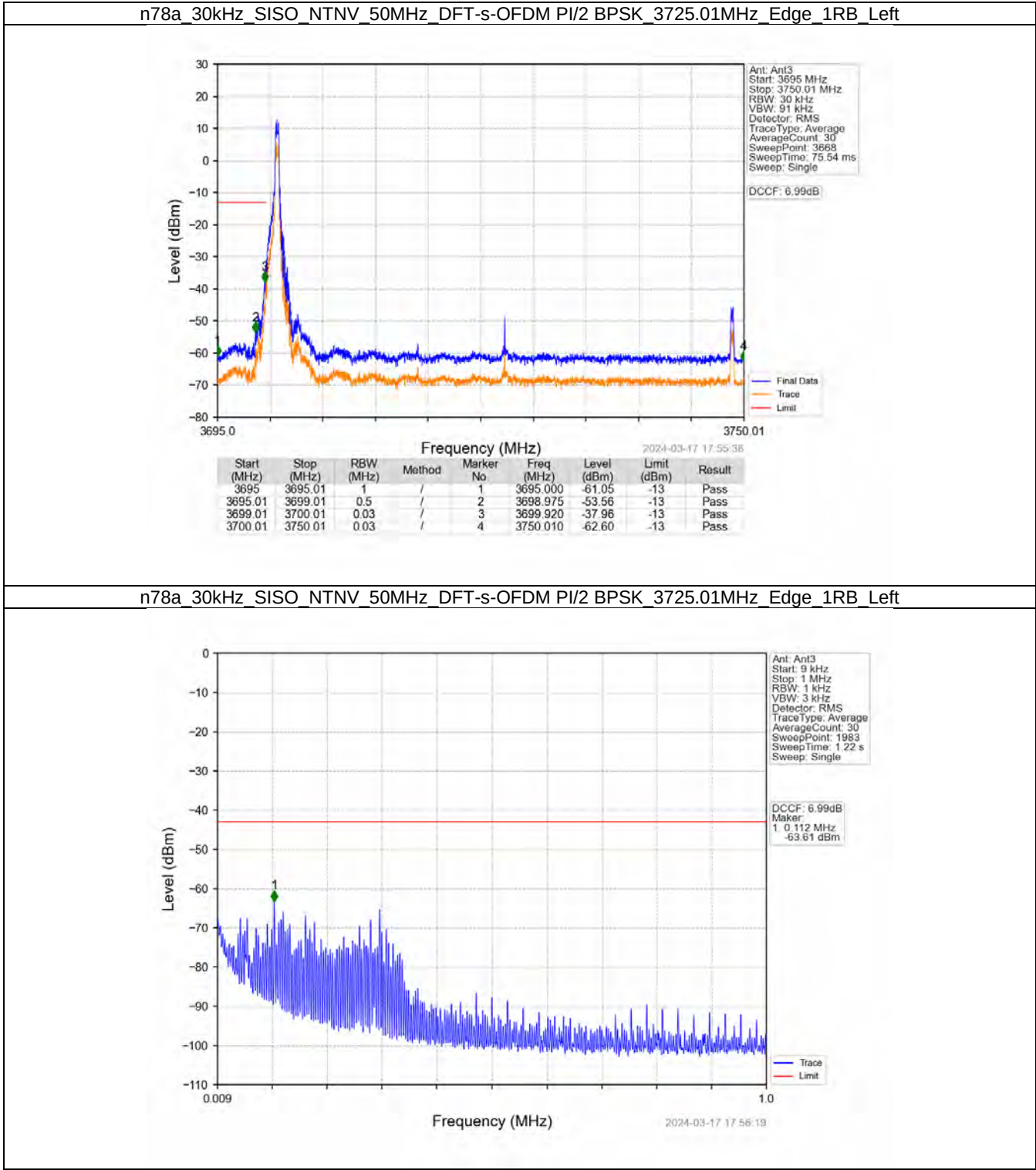


5.4 30k_SISO_50MHz_NTNV

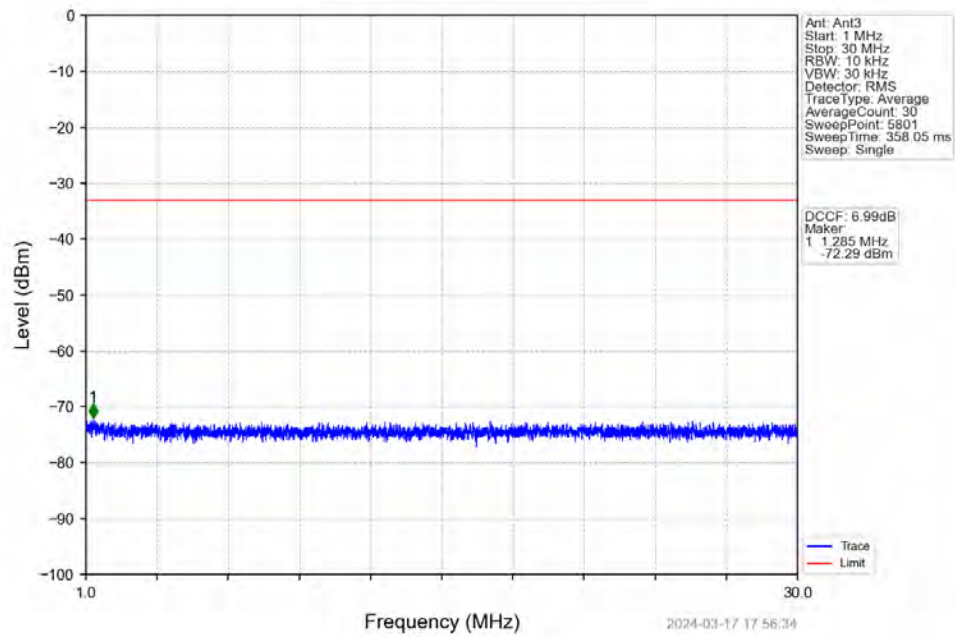
5.4.1 Test Result

5G NR n78a SCS=30kHz SISO 50MHz NTNv								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant7	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3725.01	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	3750	Edge_1RB_Left	Refer To Test Graph				Pass	
		3774.99	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	3725.01	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left			Refer To Test Graph				Pass	
3750		Edge_1RB_Left	Refer To Test Graph				Pass	
		3774.99	Edge_1RB_Right	Refer To Test Graph				Pass
Outer_Full			Refer To Test Graph				Pass	
Inner_1RB_Right			Refer To Test Graph				Pass	

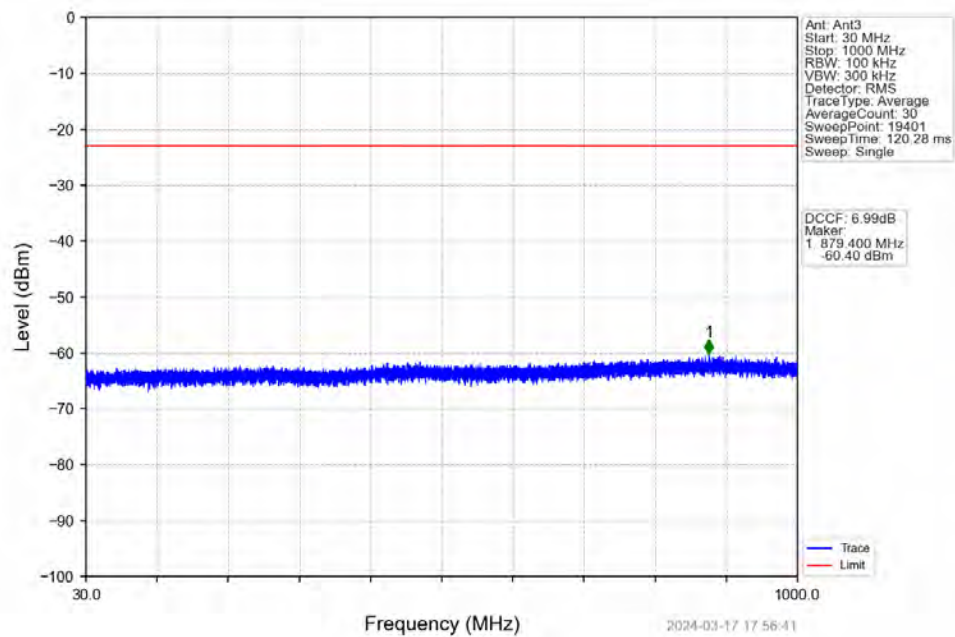
5.4.2 Test Graph



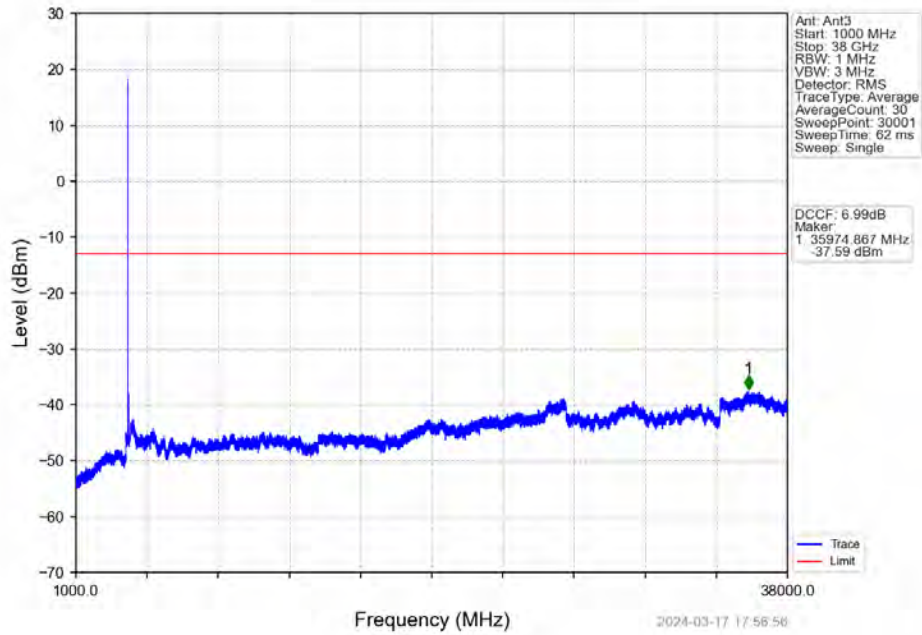
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3725.01MHz Edge 1RB Left



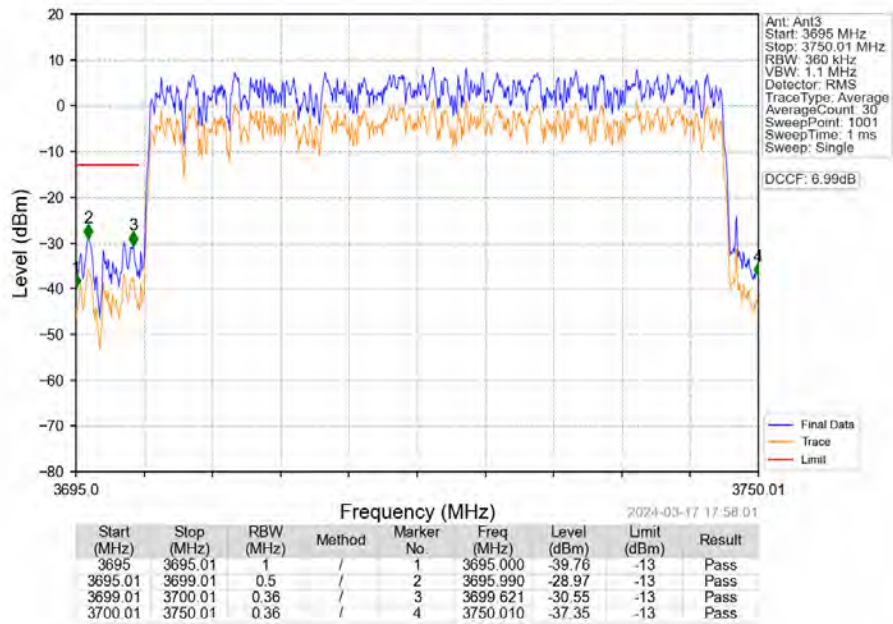
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3725.01MHz Edge 1RB Left



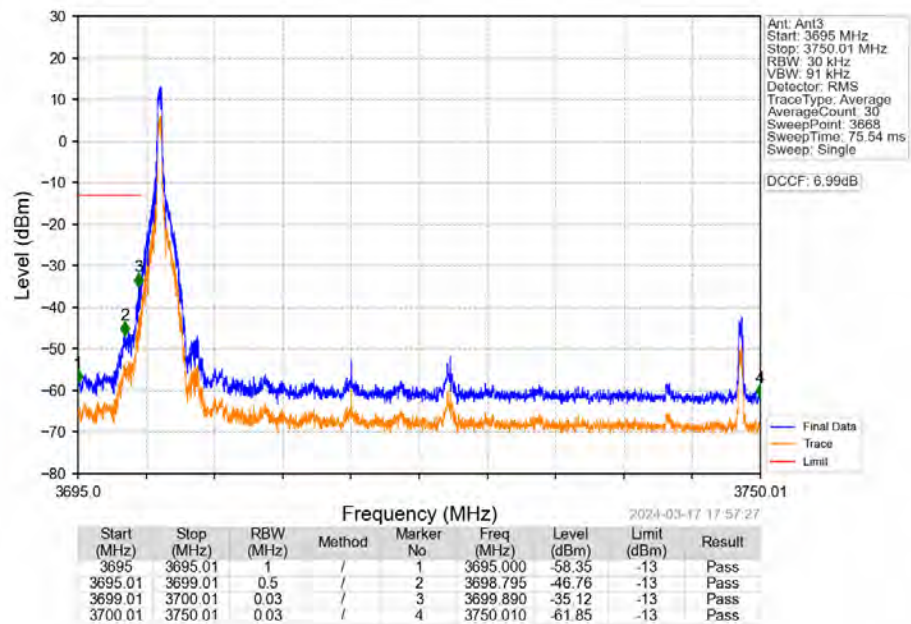
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3725.01MHz Edge 1RB Left



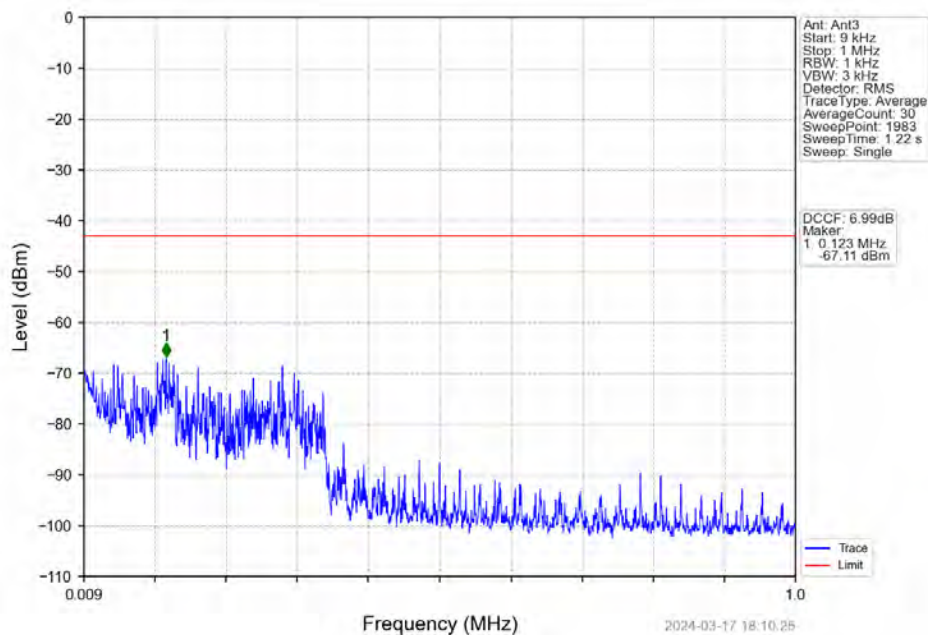
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3725.01MHz Outer Full



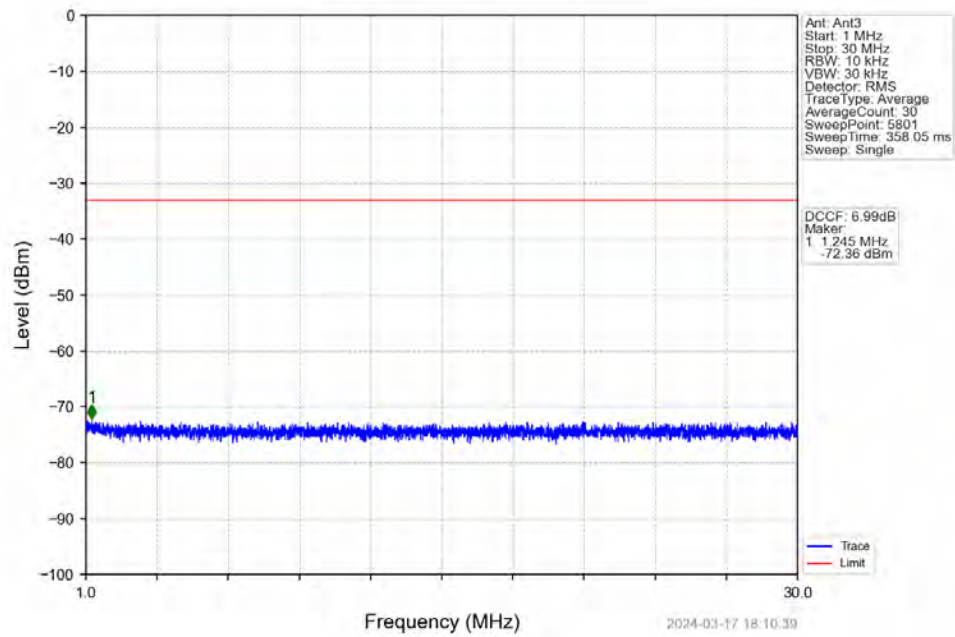
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3725.01MHz Inner 1RB Left



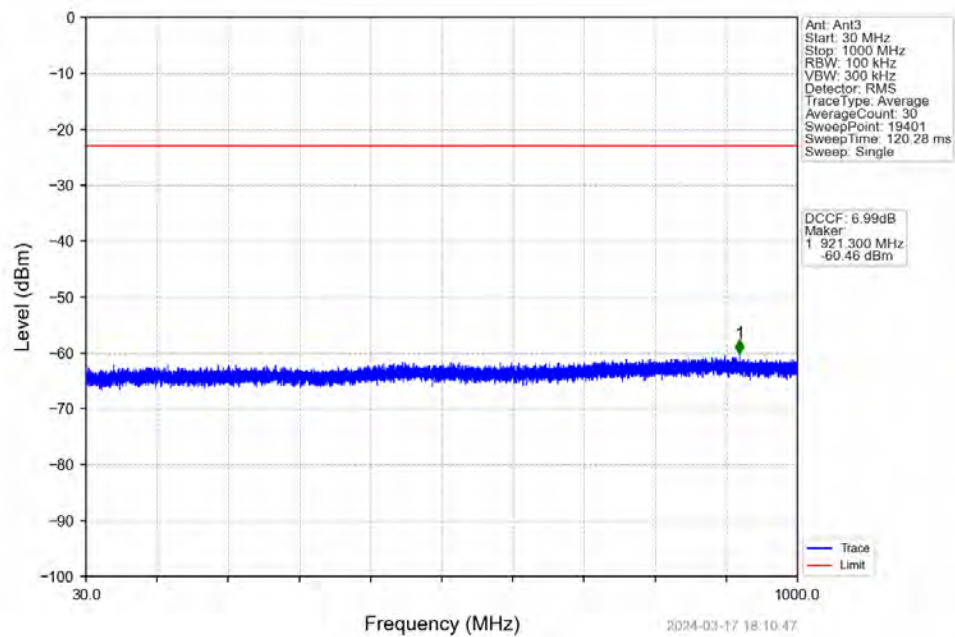
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



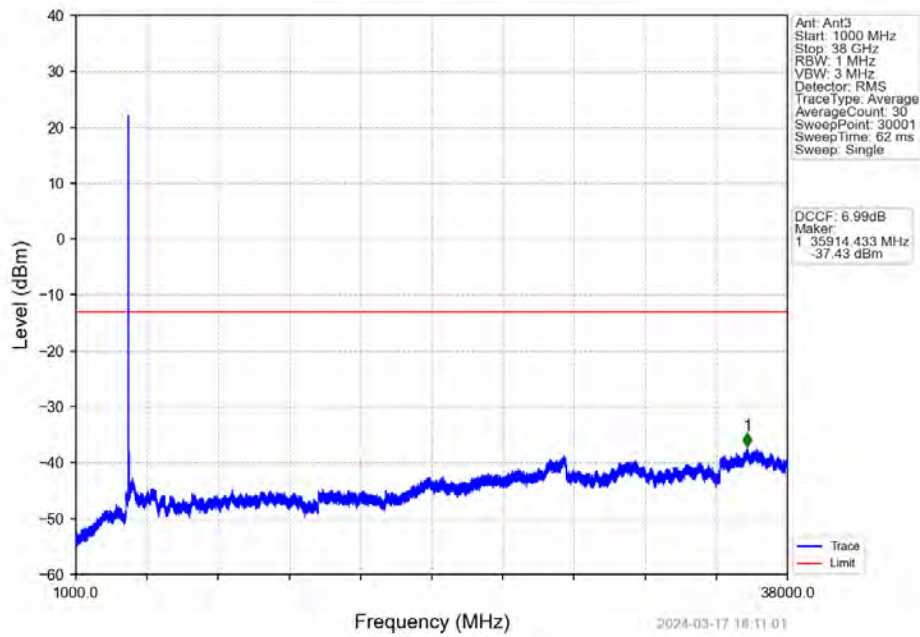
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



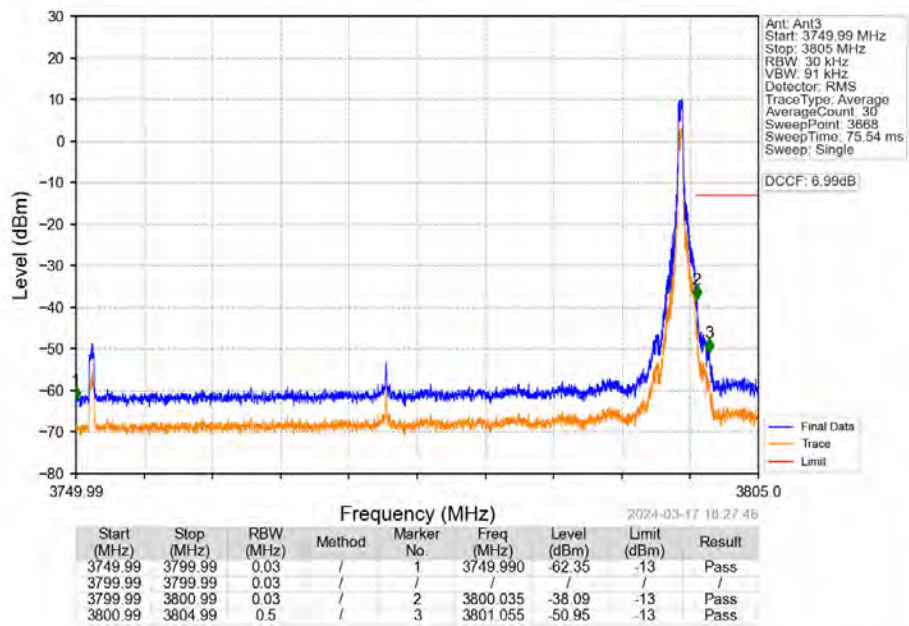
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



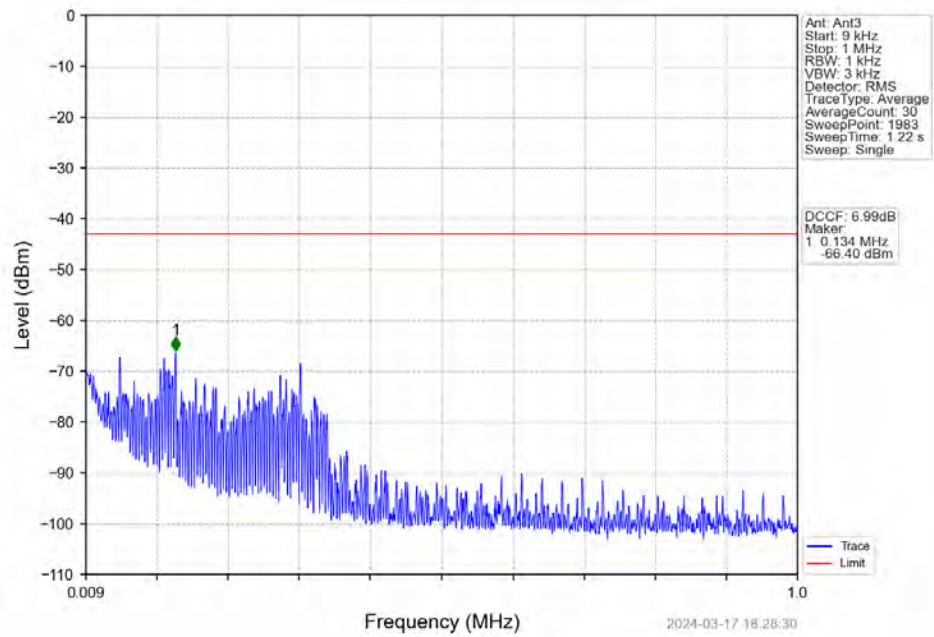
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



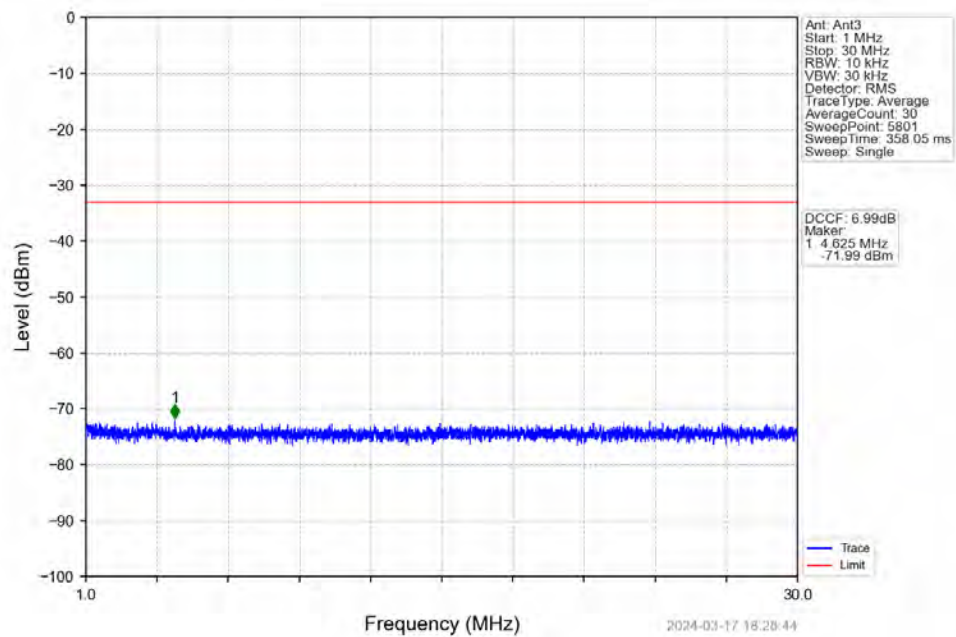
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3774.99MHz Edge 1RB Right



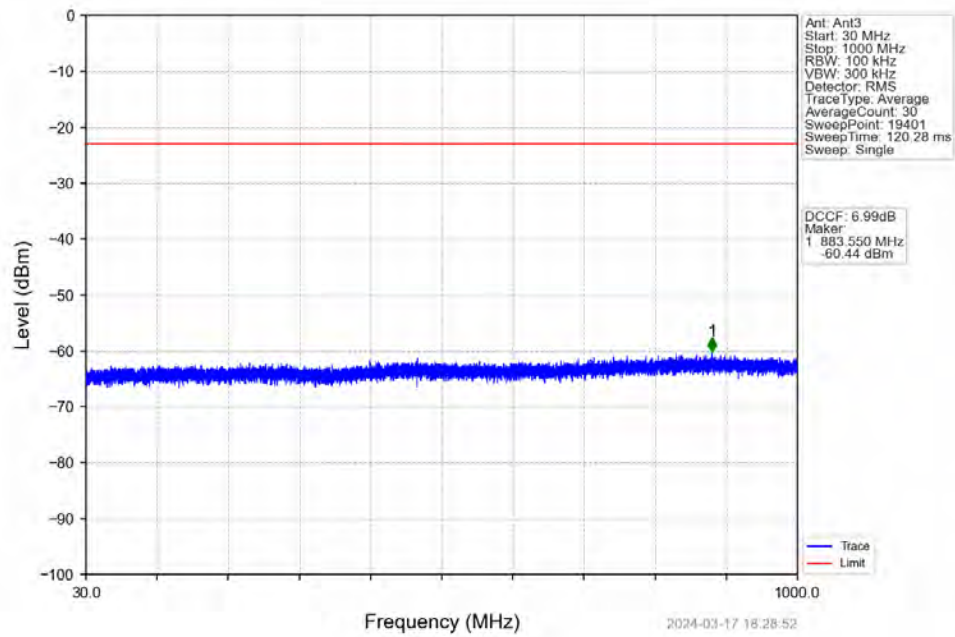
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3774.99MHz Edge 1RB Right



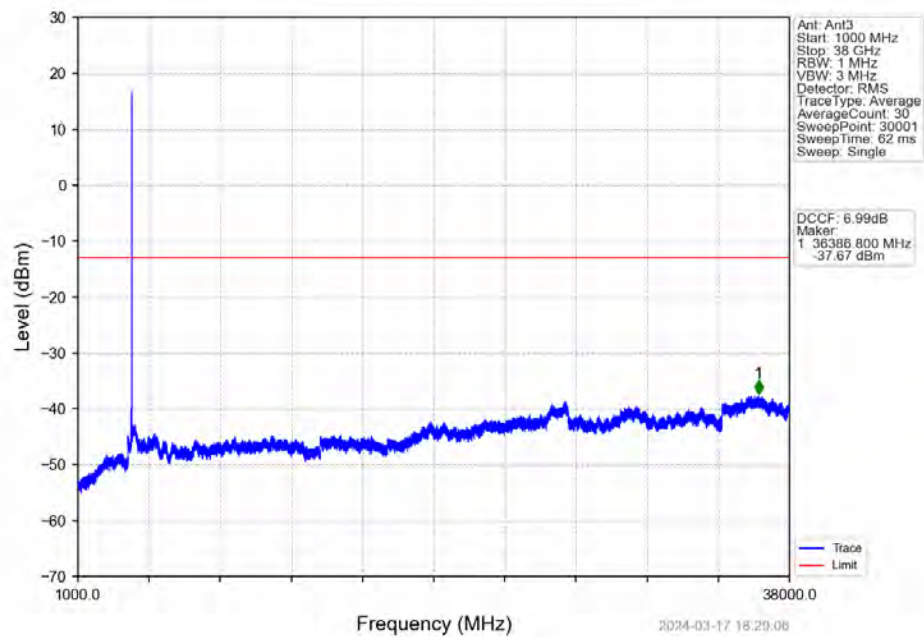
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3774.99MHz Edge 1RB Right



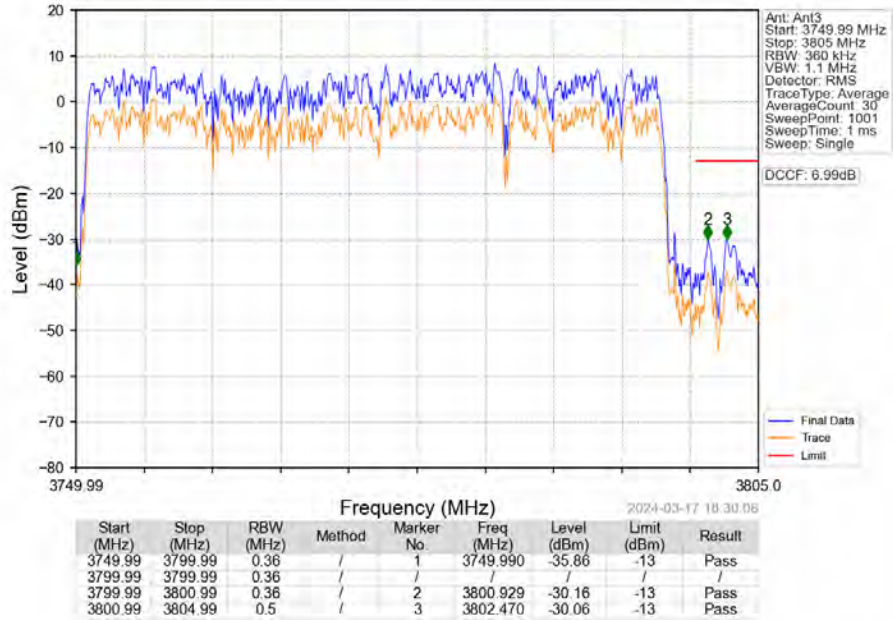
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3774.99MHz Edge 1RB Right



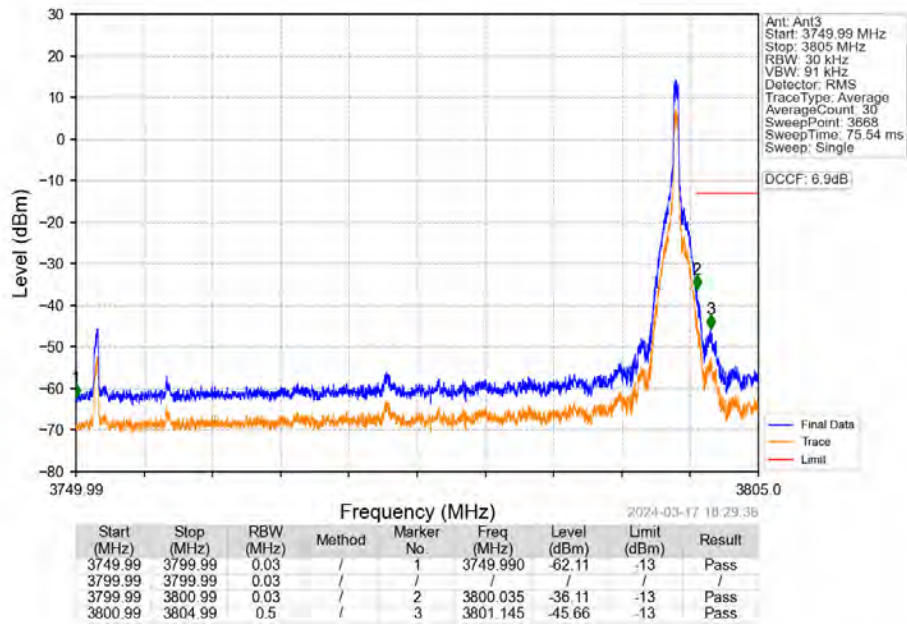
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3774.99MHz Edge 1RB Right



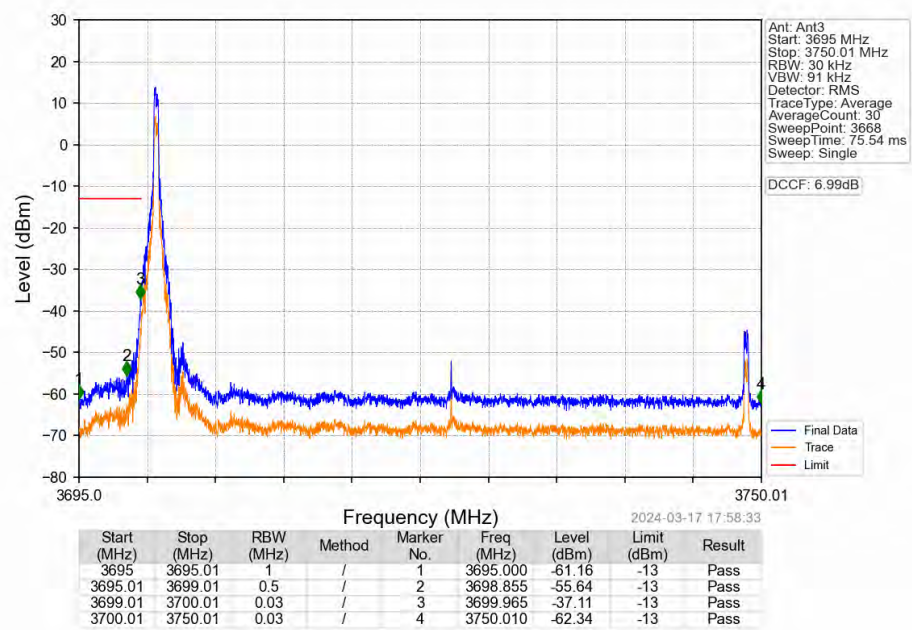
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3774.99MHz Outer Full



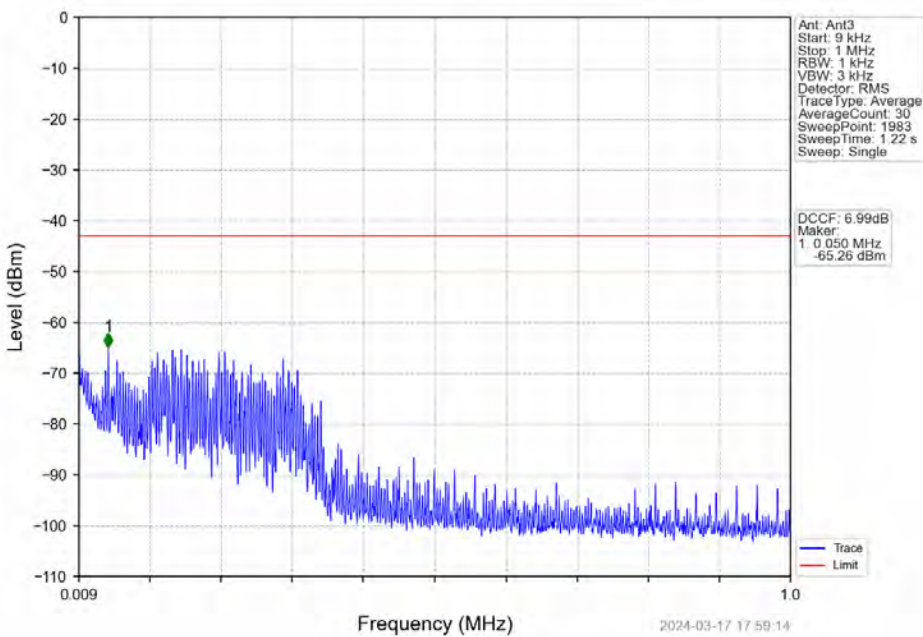
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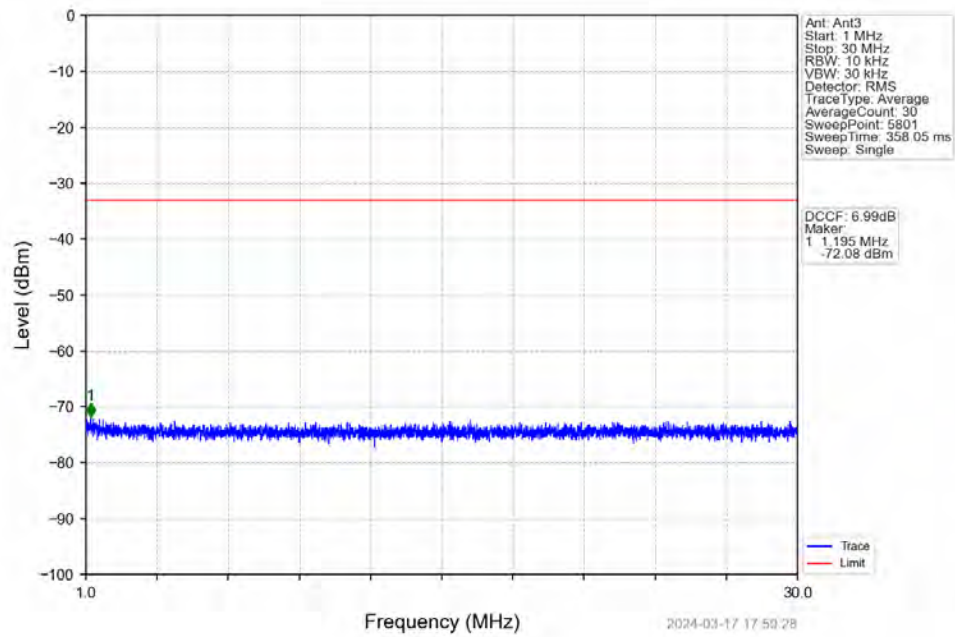
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3725.01MHz Edge 1RB Left



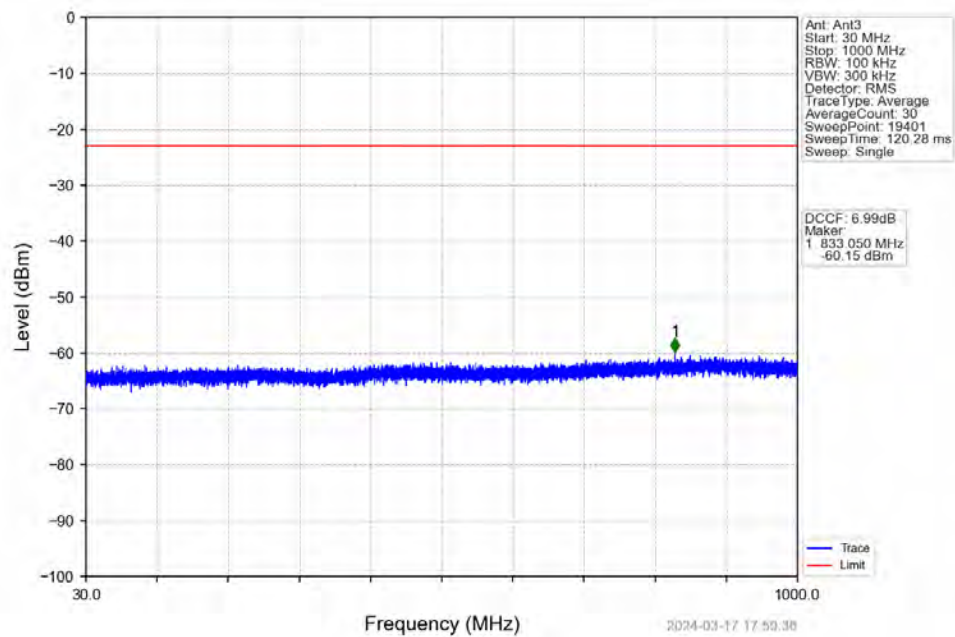
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3725.01MHz Edge 1RB Left



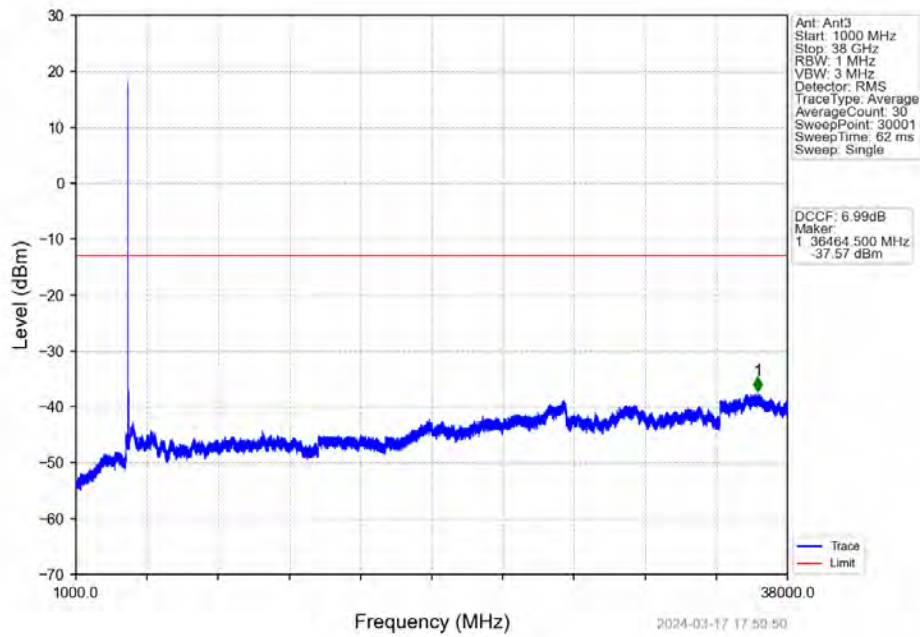
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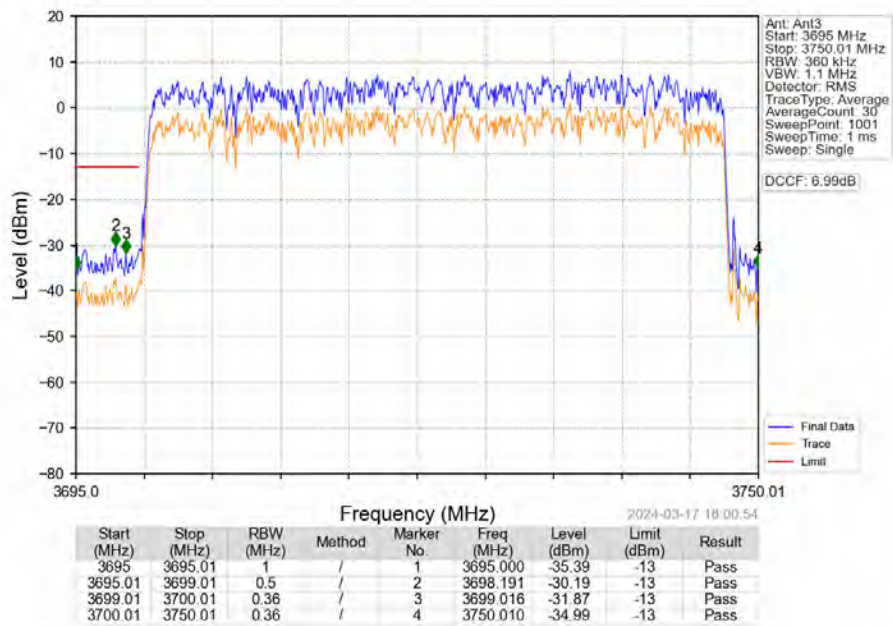
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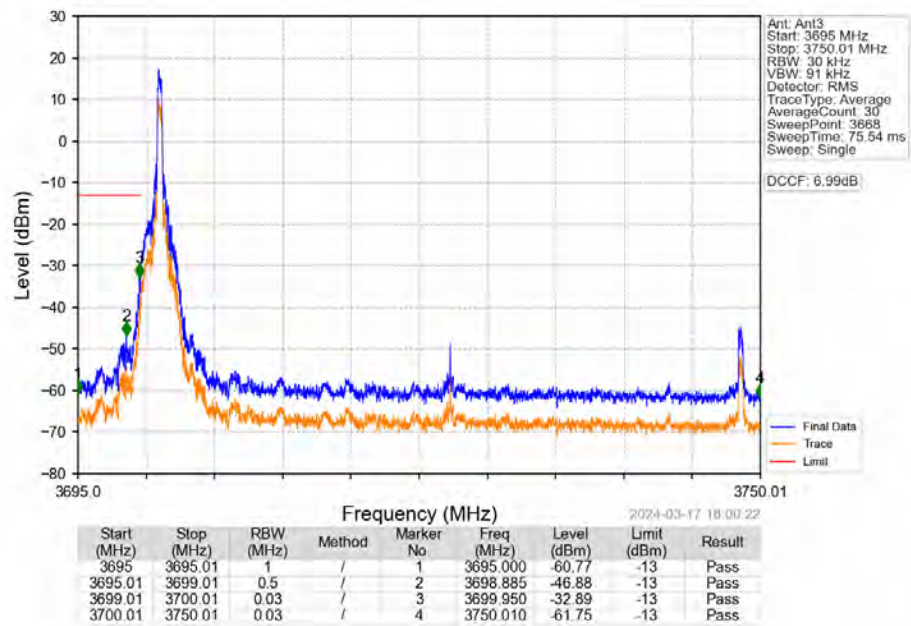
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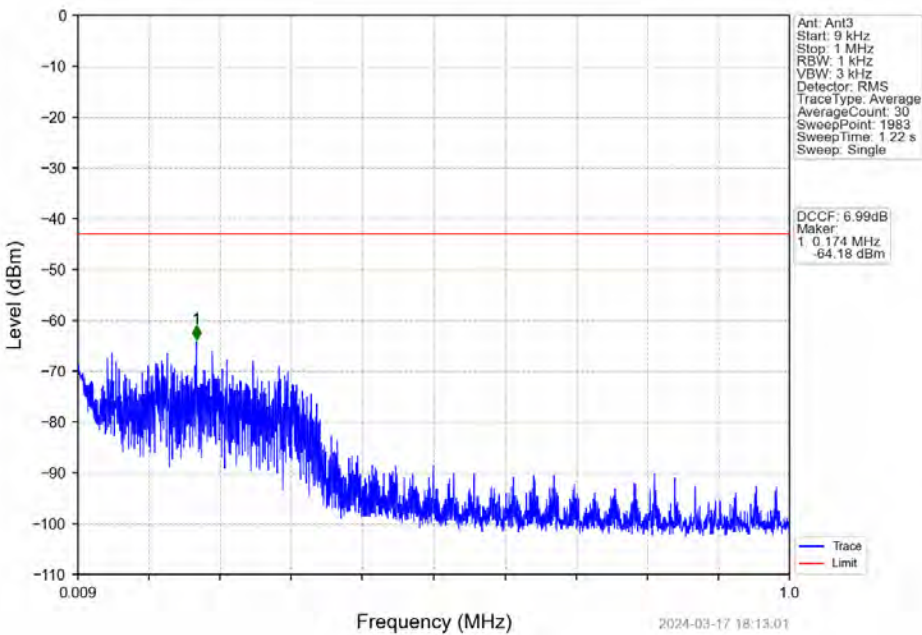
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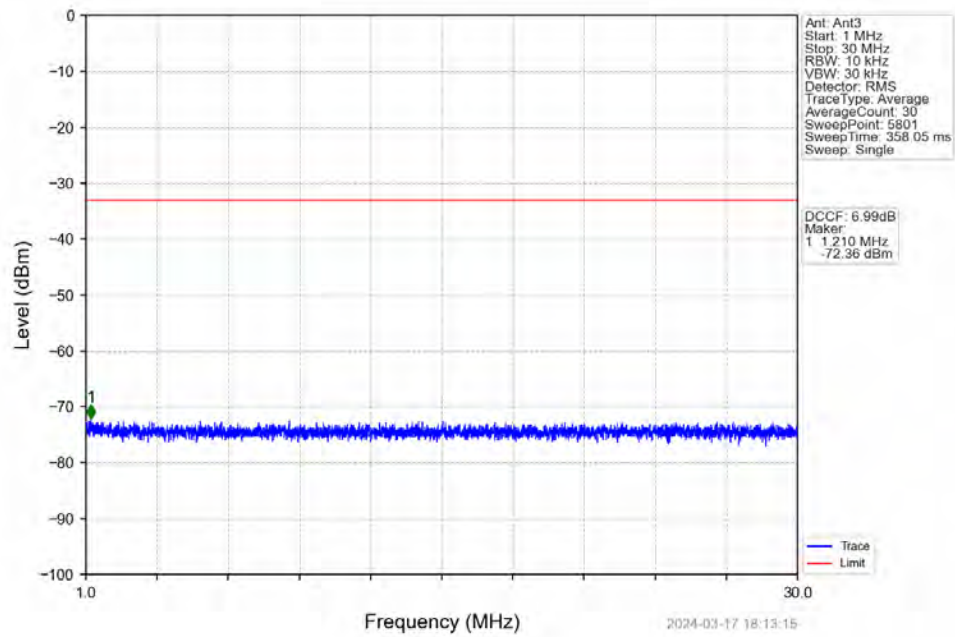
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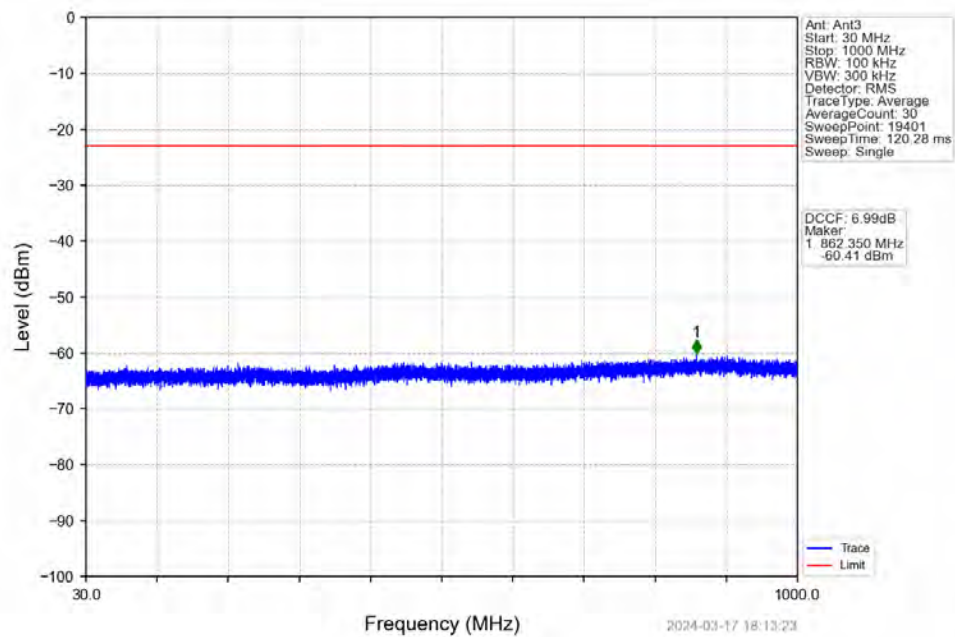
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3750MHz Edge 1RB Left



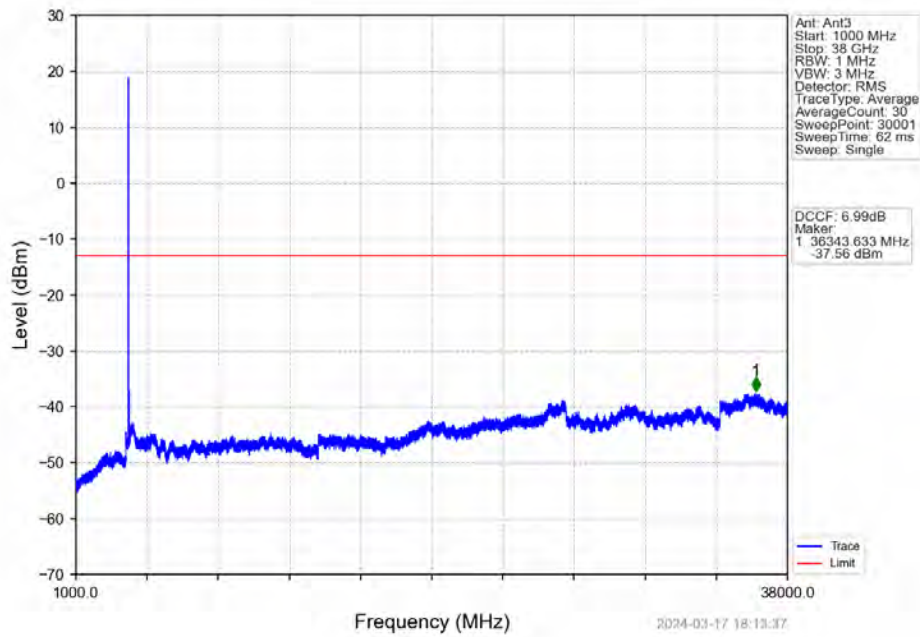
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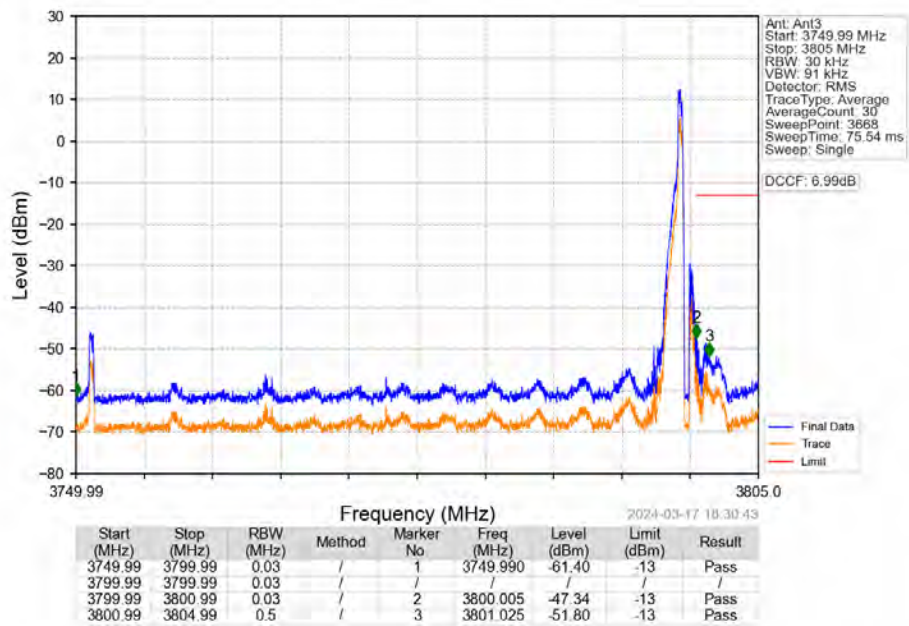
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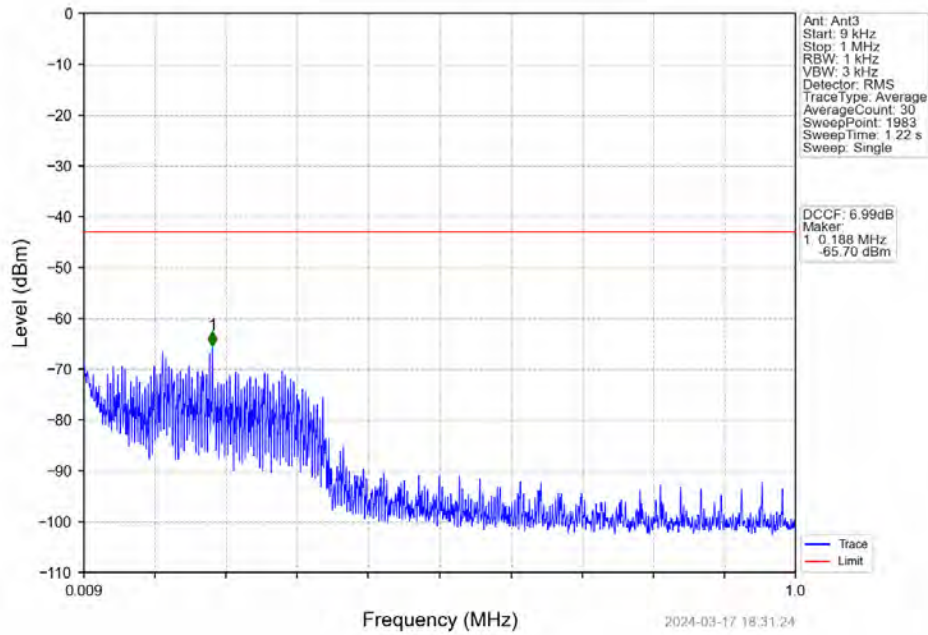
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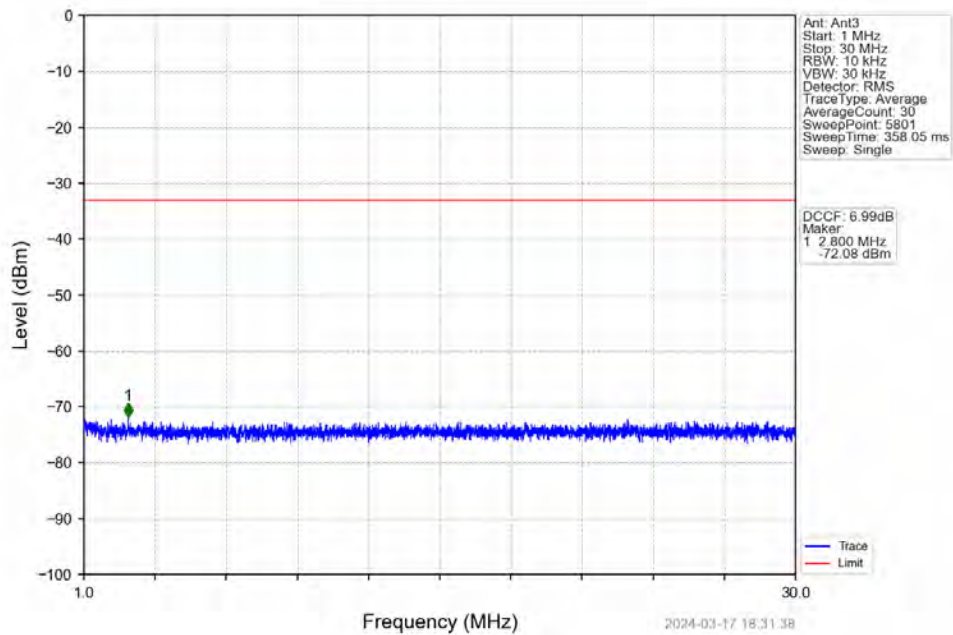
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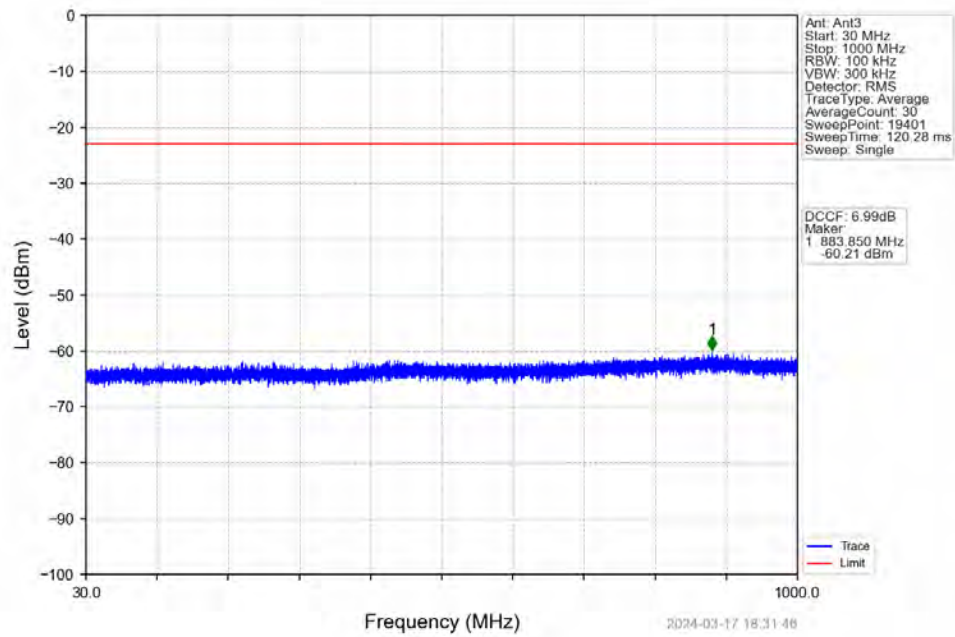
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3774.99MHz Edge 1RB Right



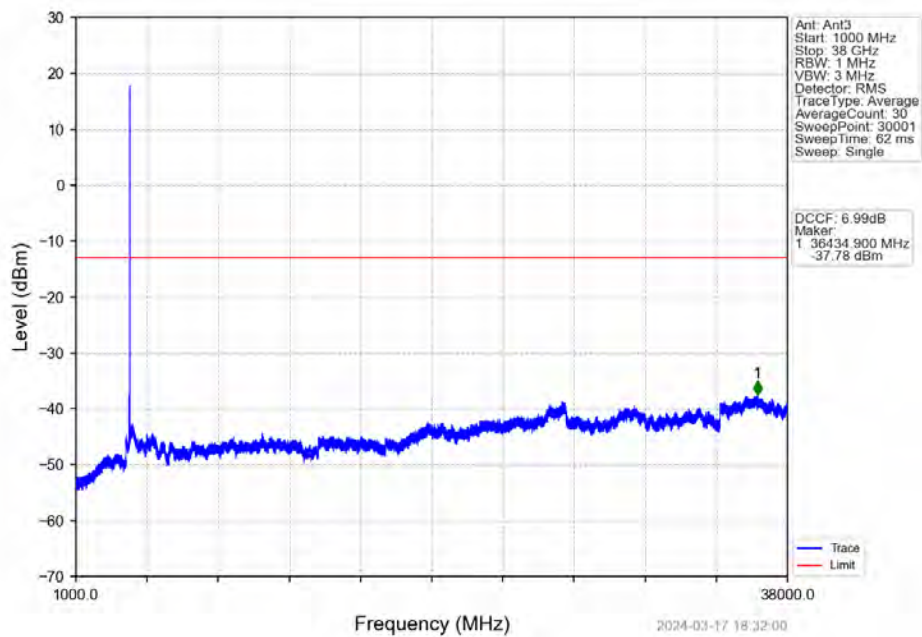
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3774.99MHz Edge 1RB Right



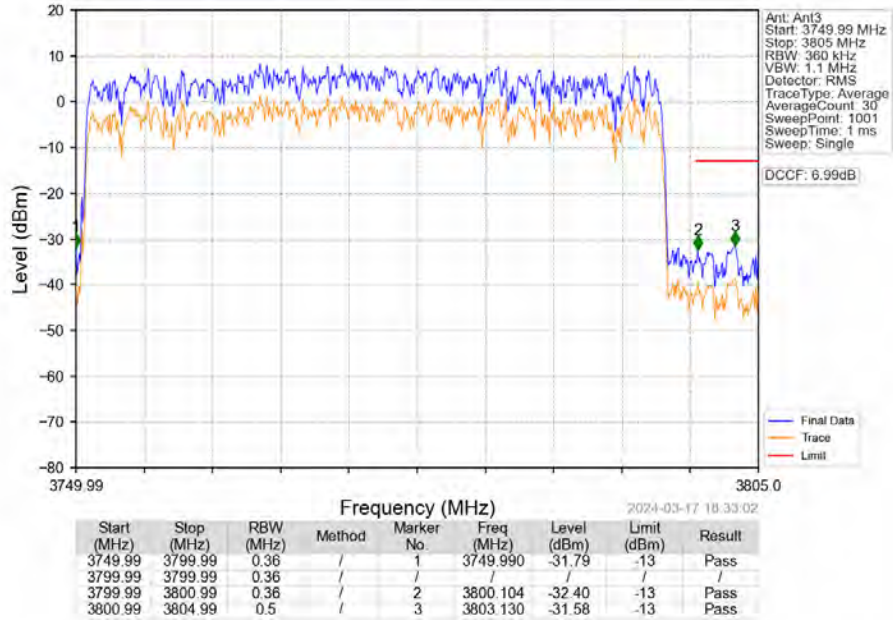
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3774.99MHz Edge 1RB Right



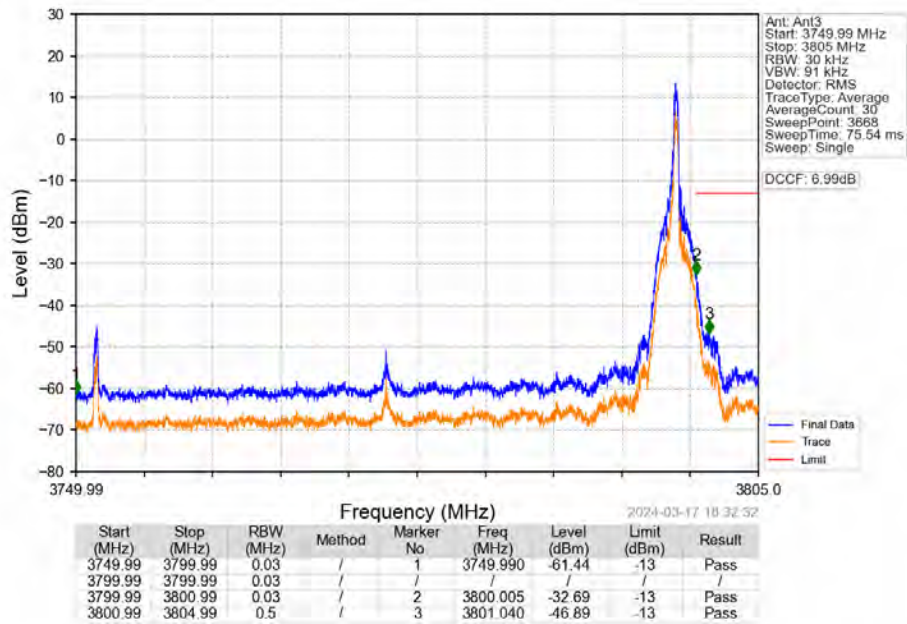
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3774.99MHz Edge 1RB Right



n78a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3774.99MHz Outer Full



n78a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3774.99MHz Inner 1RB Right

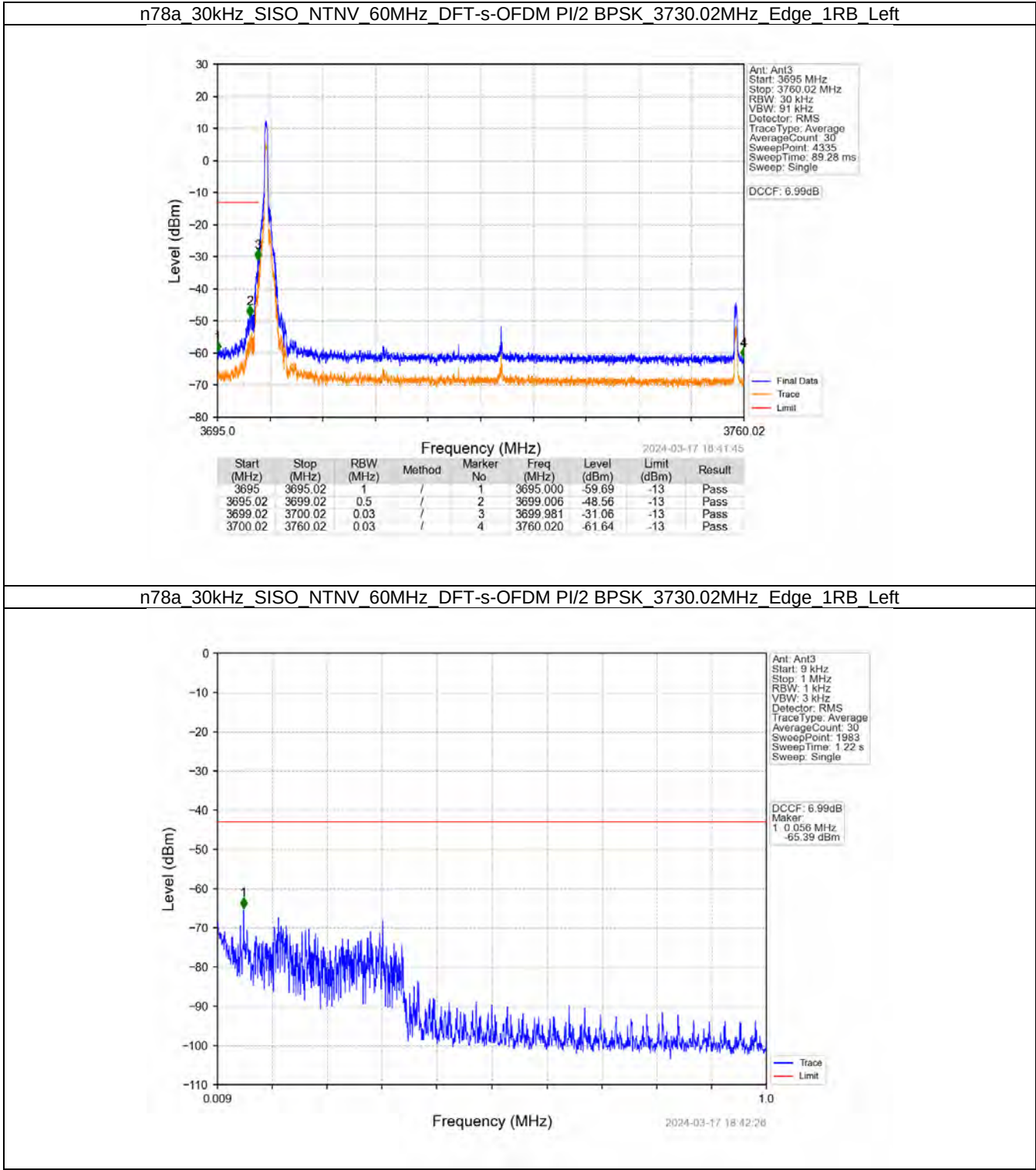


5.5 30k_SISO_60MHz_NTNV

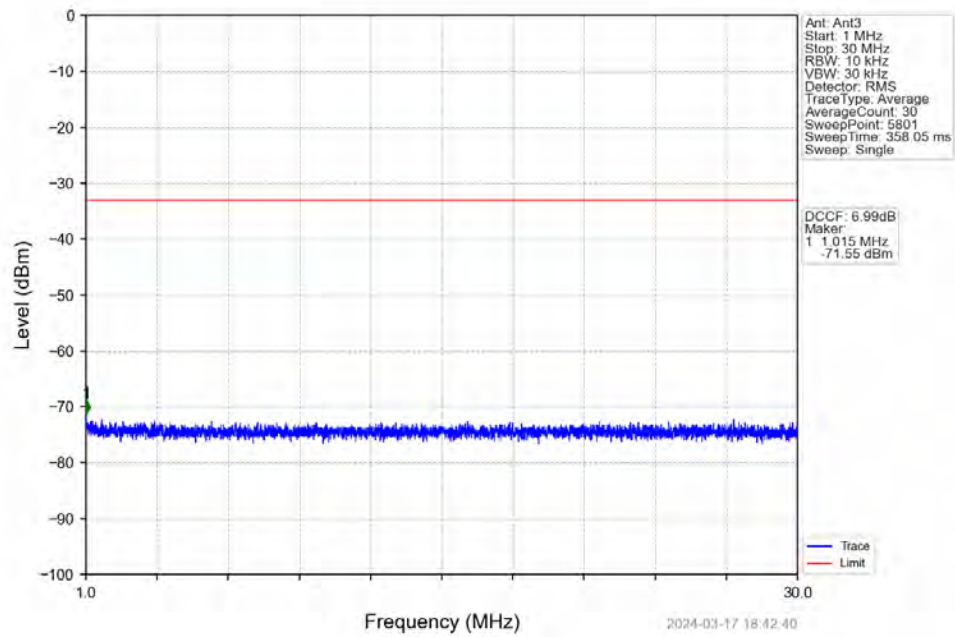
5.5.1 Test Result

5G NR n78a SCS=30kHz SISO 60MHz NTNv								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant7	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3730.02	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	3750	Edge_1RB_Left	Refer To Test Graph				Pass	
		3769.98	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	3730.02	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left			Refer To Test Graph				Pass	
3750		Edge_1RB_Left	Refer To Test Graph				Pass	
		3769.98	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Right			Refer To Test Graph				Pass	

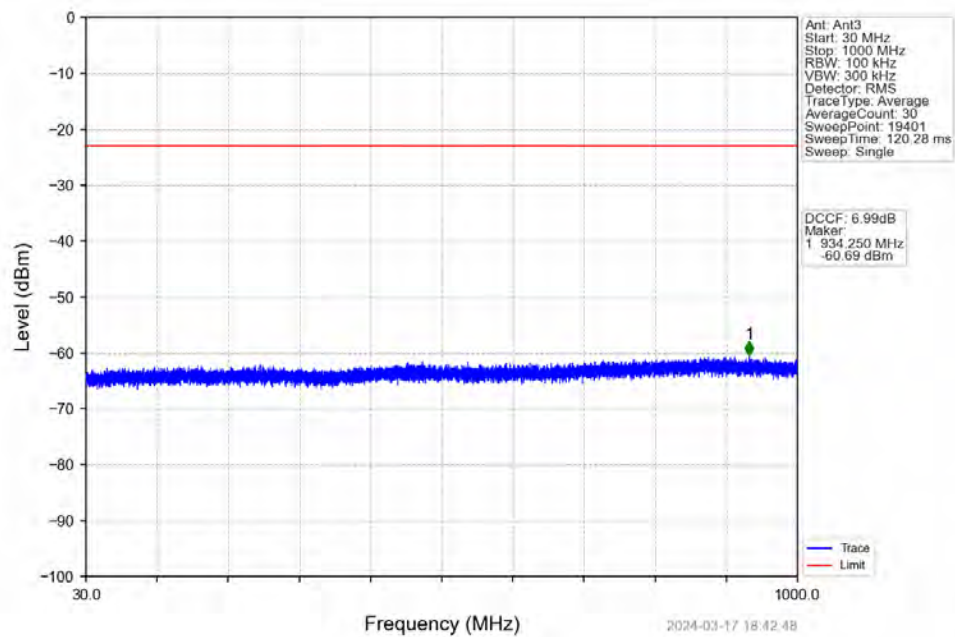
5.5.2 Test Graph



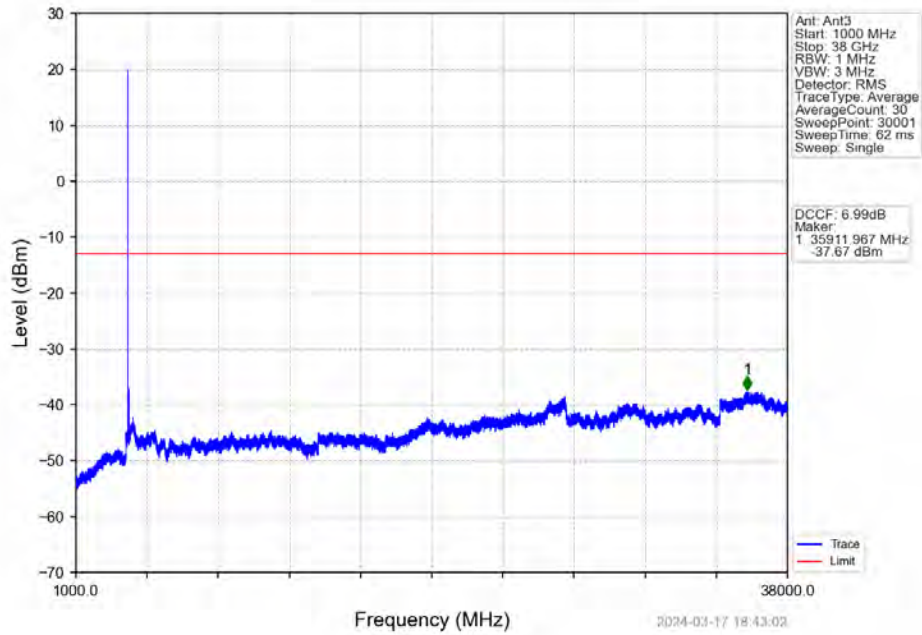
n78a 30kHz SISO NTN 60MHz DFT-s-OFDM PI/2 BPSK 3730.02MHz Edge 1RB Left



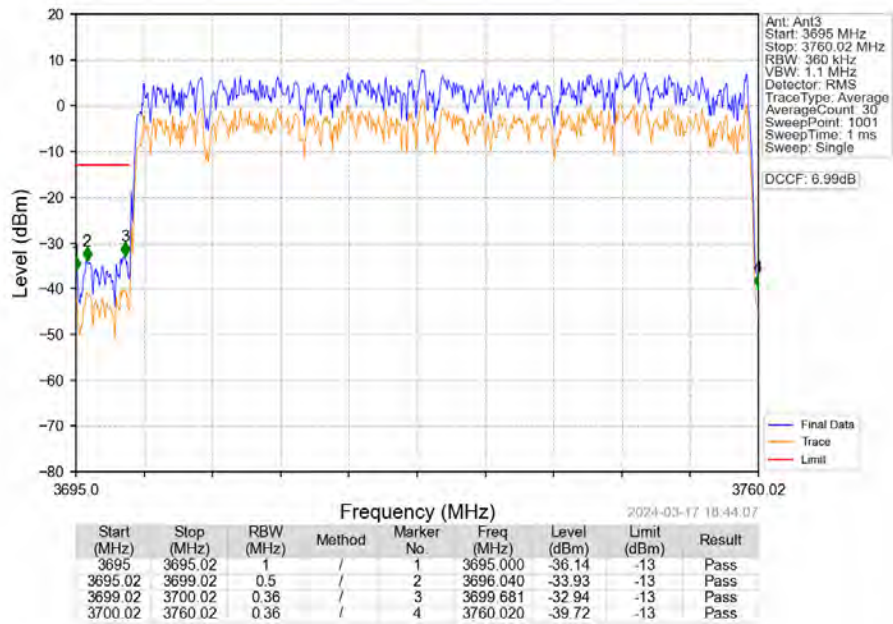
n78a 30kHz SISO NTN 60MHz DFT-s-OFDM PI/2 BPSK 3730.02MHz Edge 1RB Left



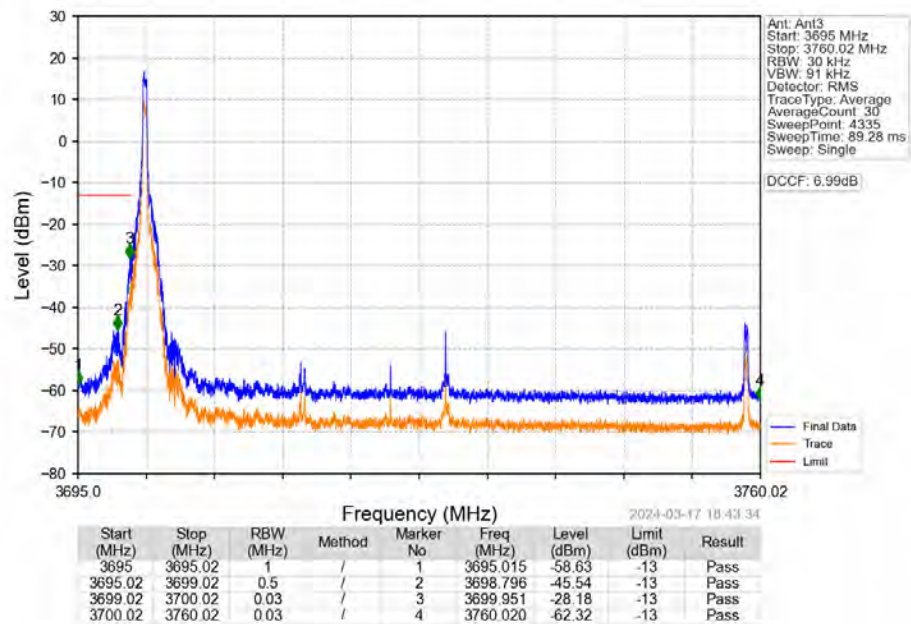
n78a 30kHz SISO NTN 60MHz DFT-s-OFDM PI/2 BPSK 3730.02MHz Edge 1RB Left



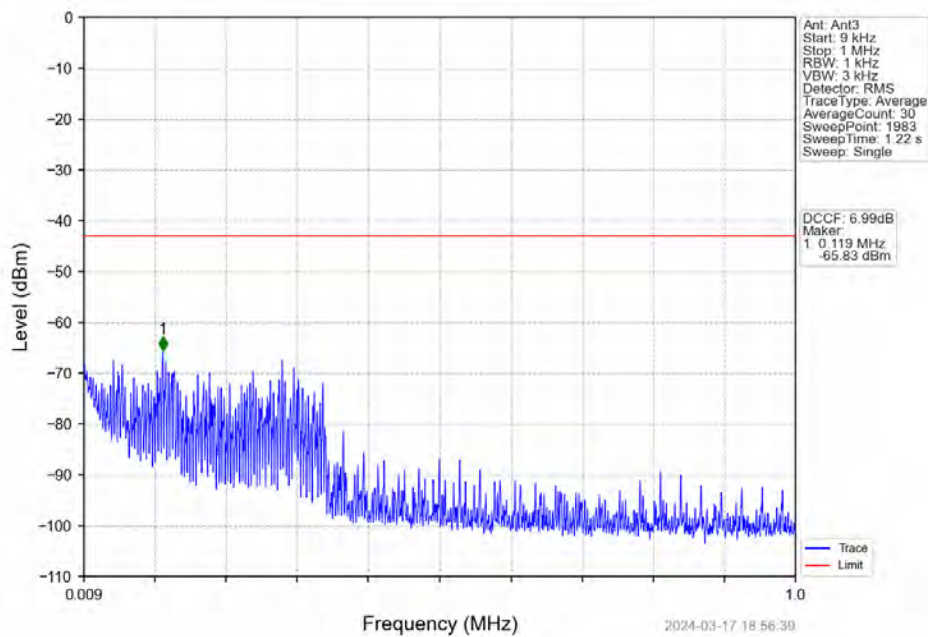
n78a 30kHz SISO NTN 60MHz DFT-s-OFDM PI/2 BPSK 3730.02MHz Outer Full



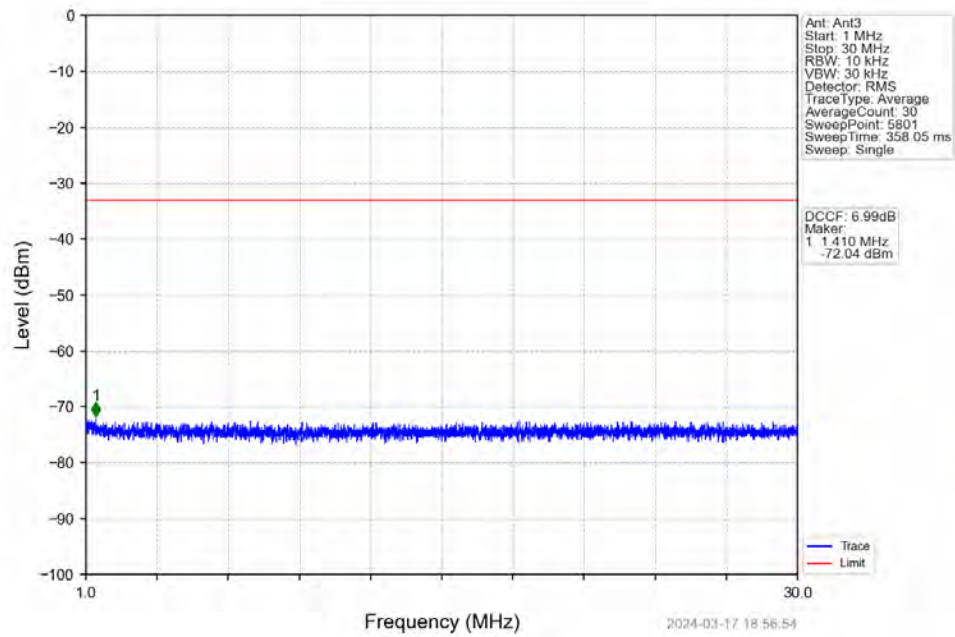
n78a 30kHz SISO NTN 60MHz DFT-s-OFDM PI/2 BPSK 3730.02MHz Inner 1RB Left



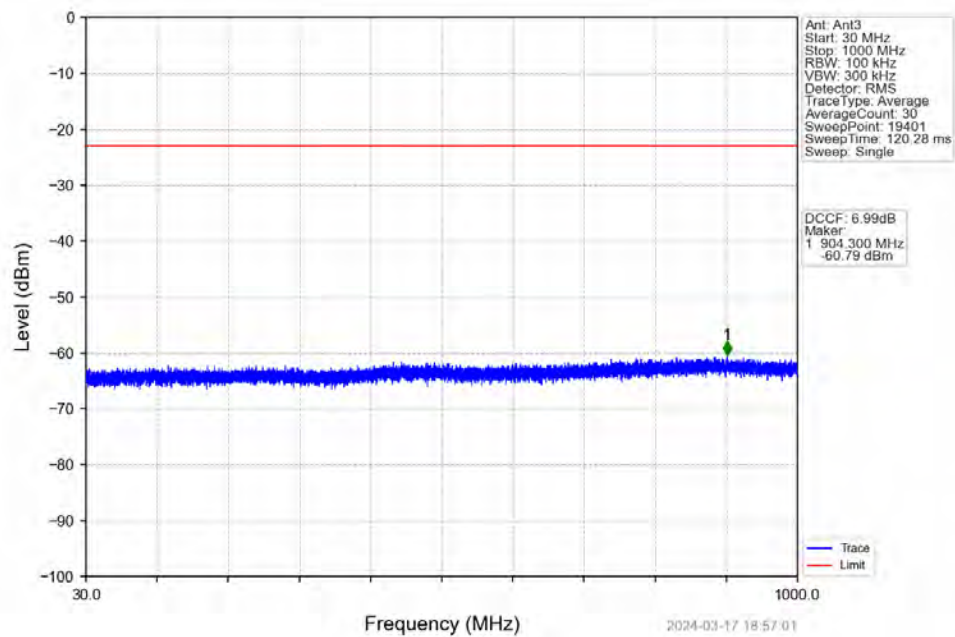
n78a 30kHz SISO NTN 60MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



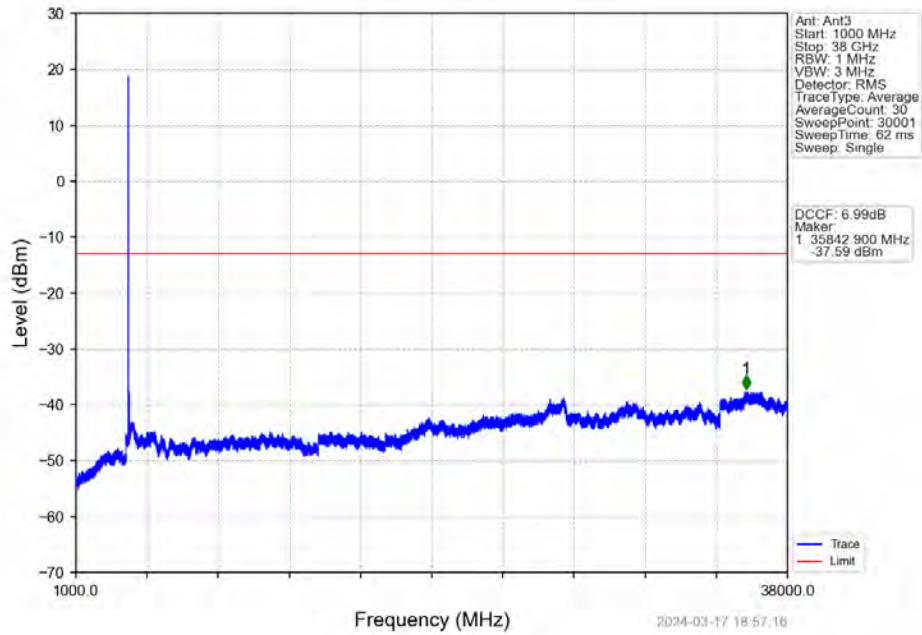
n78a 30kHz SISO NTN 60MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



n78a 30kHz SISO NTN 60MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



n78a 30kHz SISO NTN 60MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left



n78a 30kHz SISO NTN 60MHz DFT-s-OFDM PI/2 BPSK 3769.98MHz Edge 1RB Right

