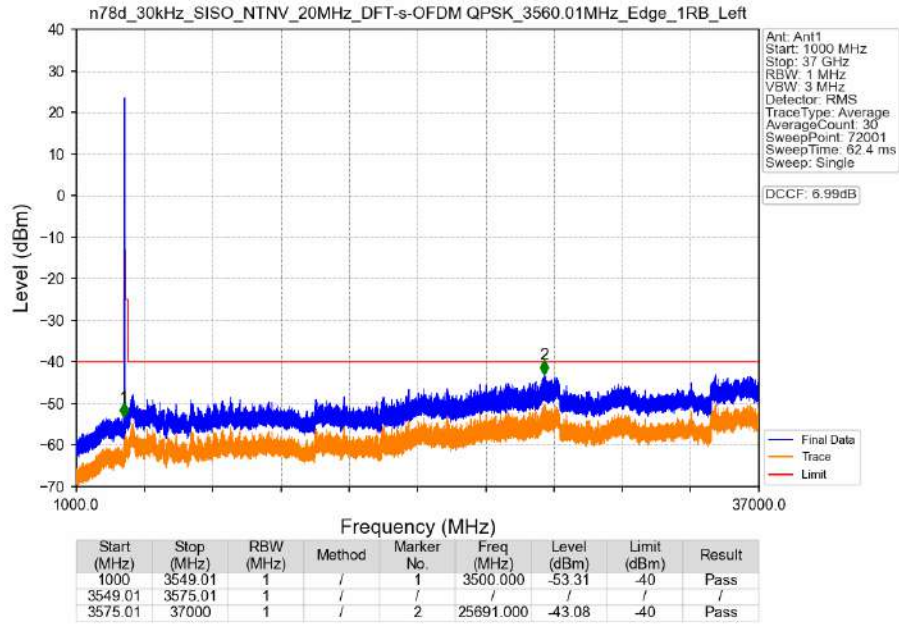
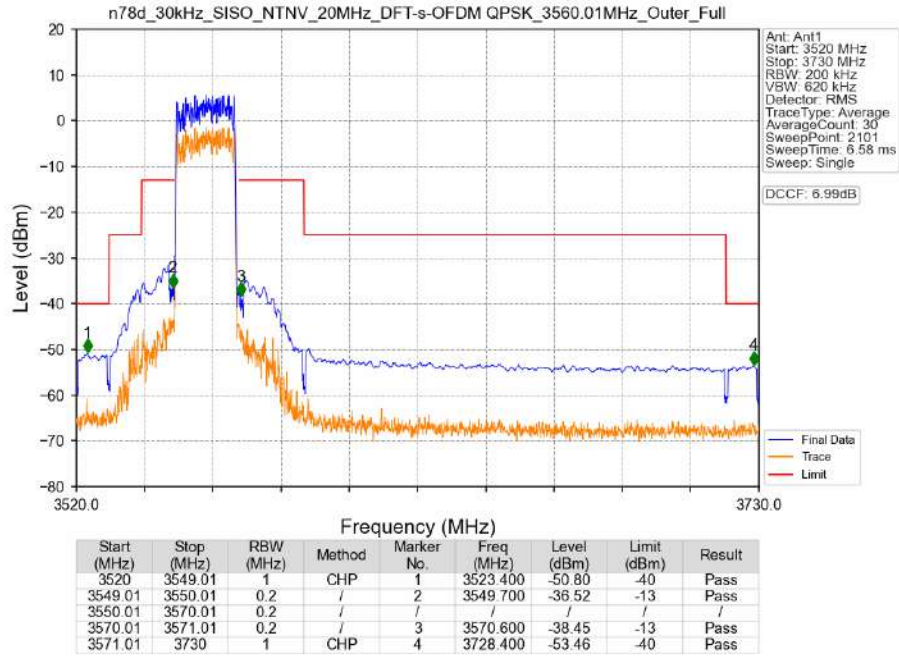


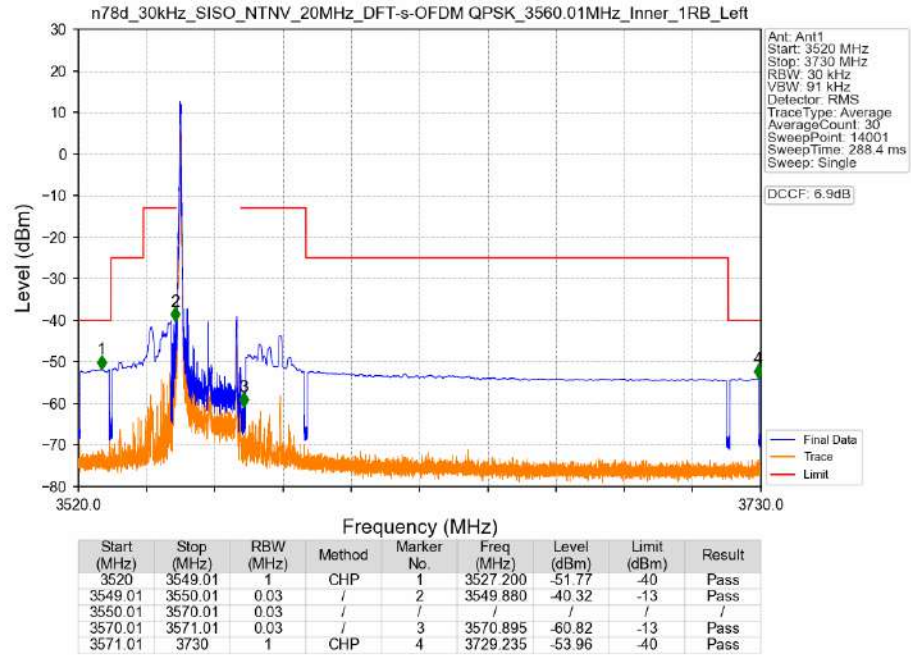
n78d 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3560.01MHz Edge 1RB Left



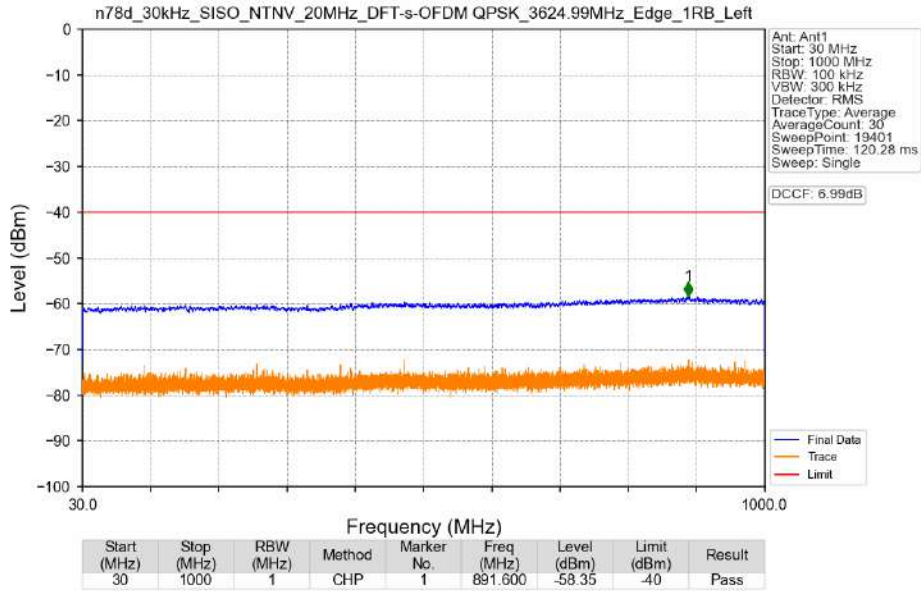
n78d 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3560.01MHz Outer Full



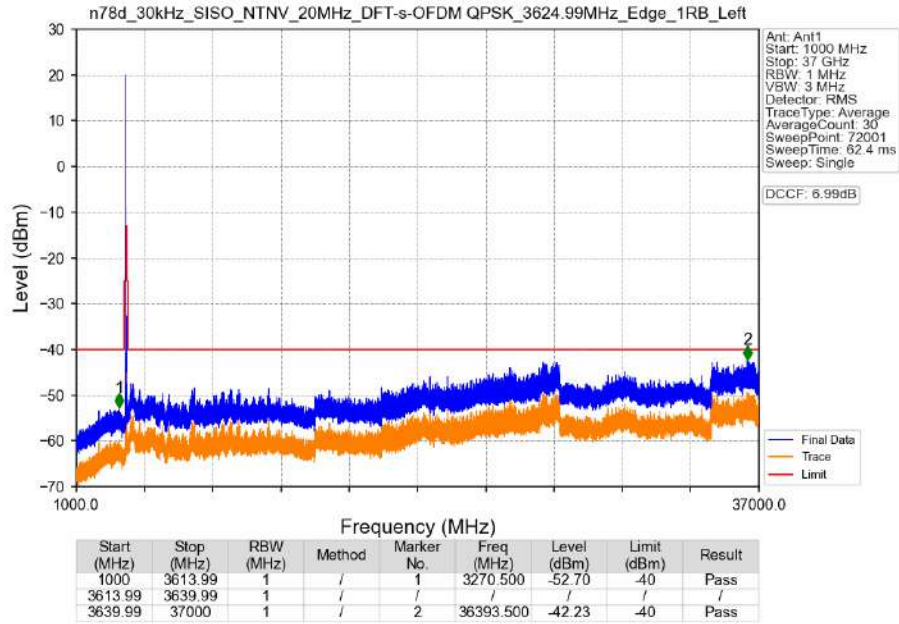
n78d 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3560.01MHz Inner 1RB Left



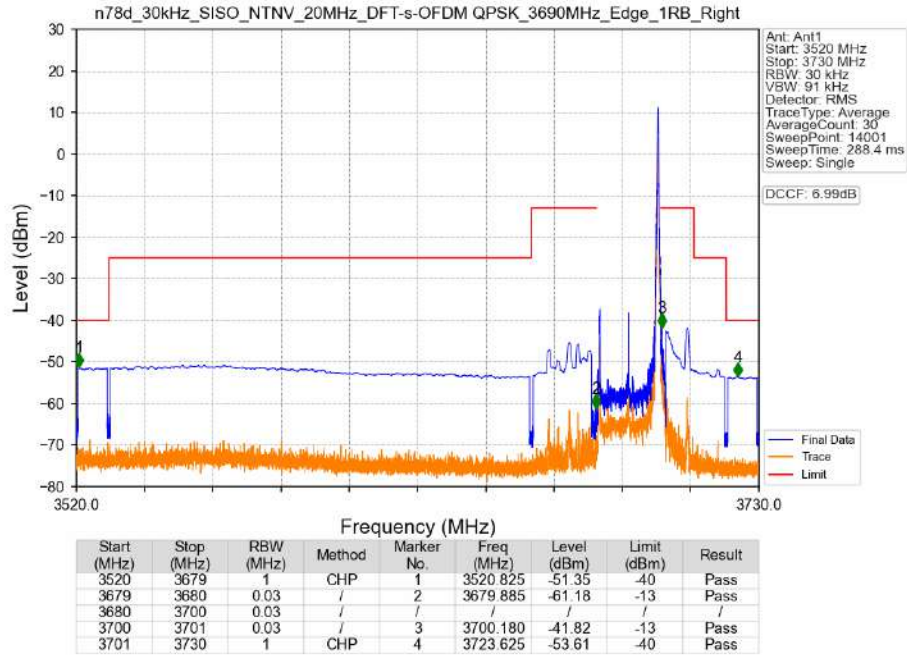
n78d 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3624.99MHz Edge 1RB Left



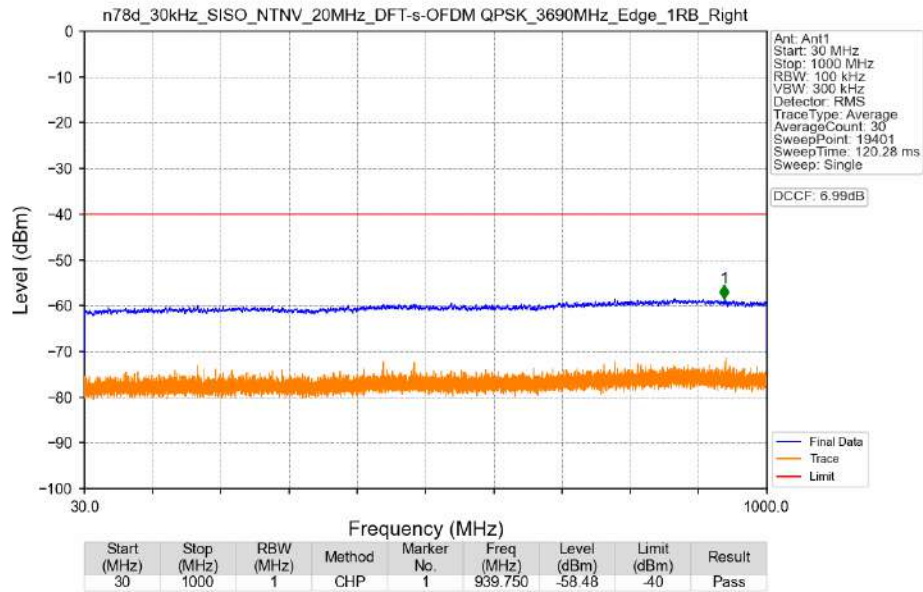
n78d 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3624.99MHz Edge 1RB Left



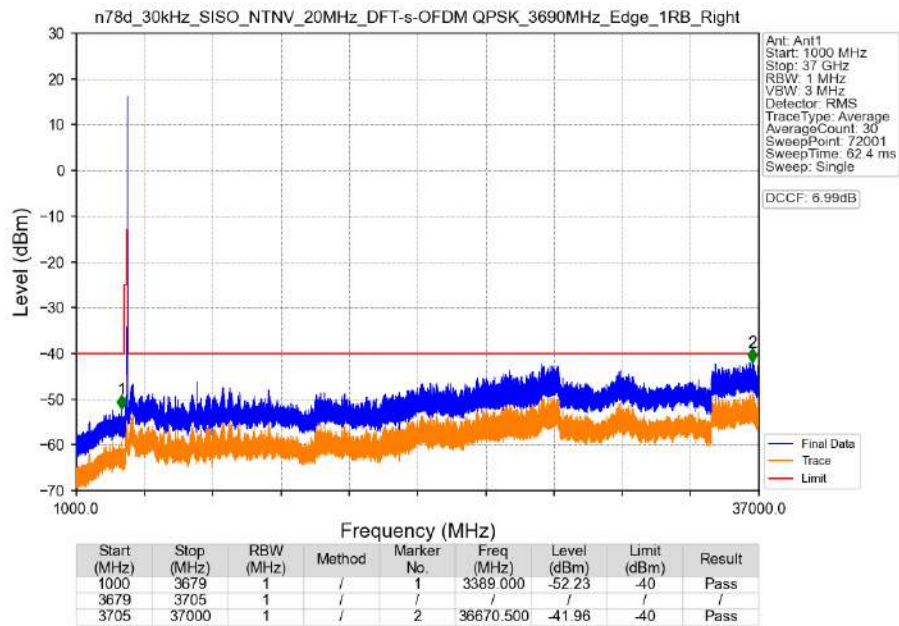
n78d 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3690MHz Edge 1RB Right



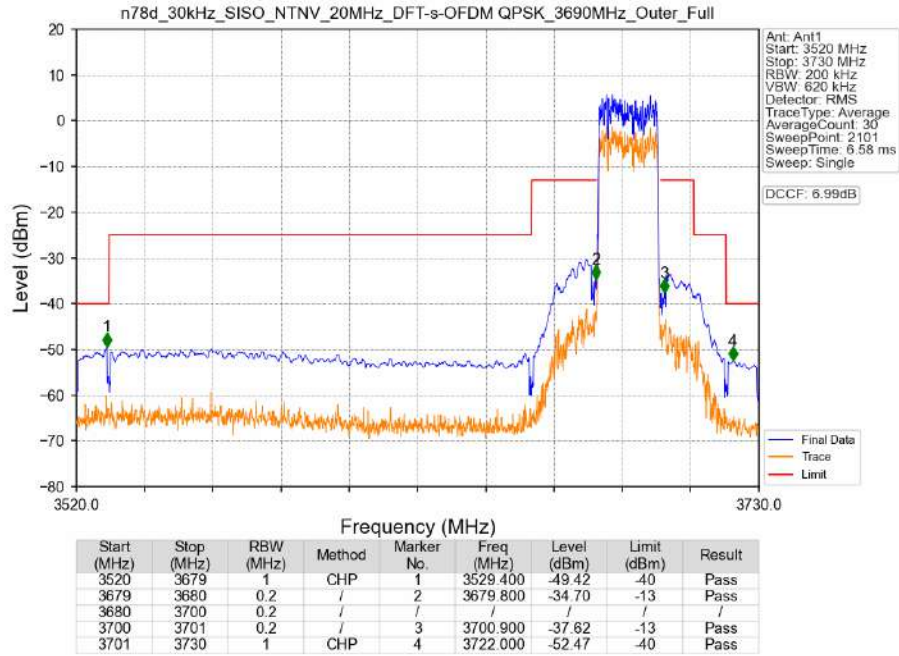
n78d 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3690MHz Edge 1RB Right



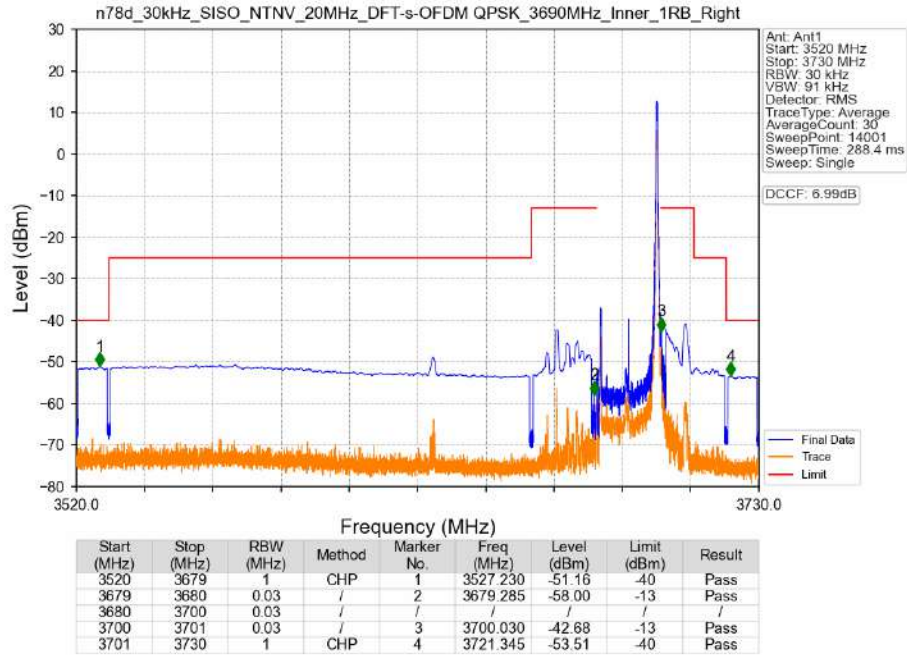
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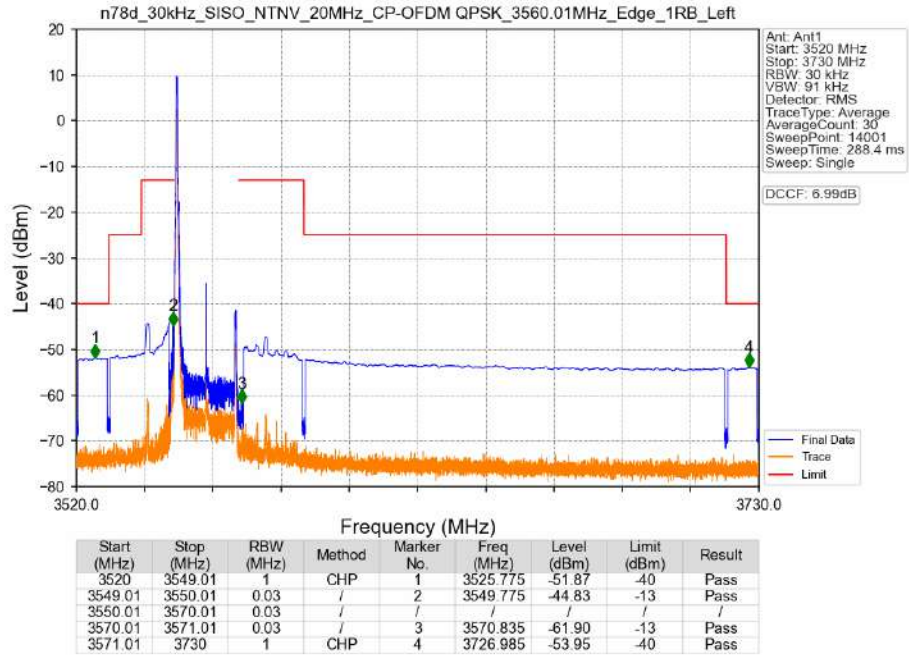
n78d 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3690MHz Outer Full



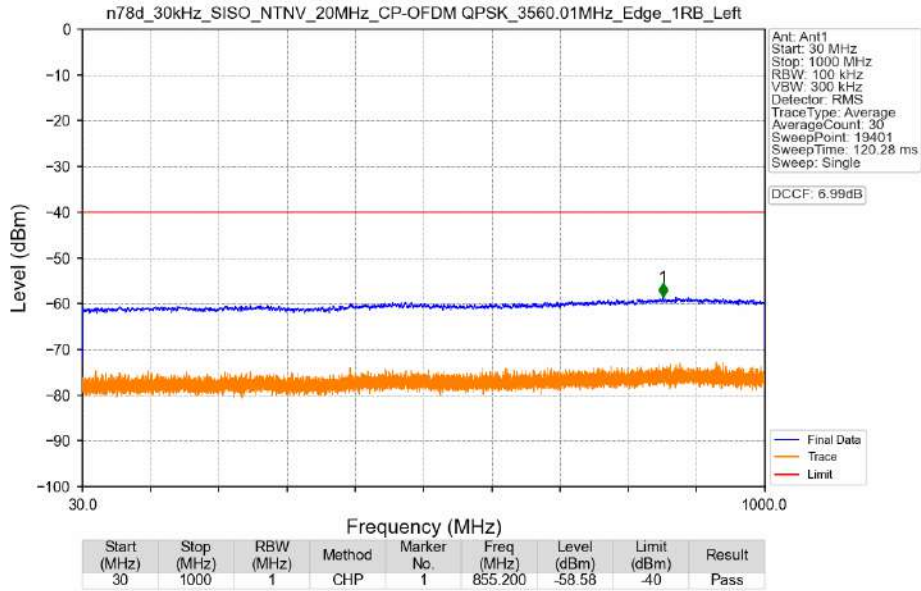
n78d 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3690MHz Inner 1RB Right



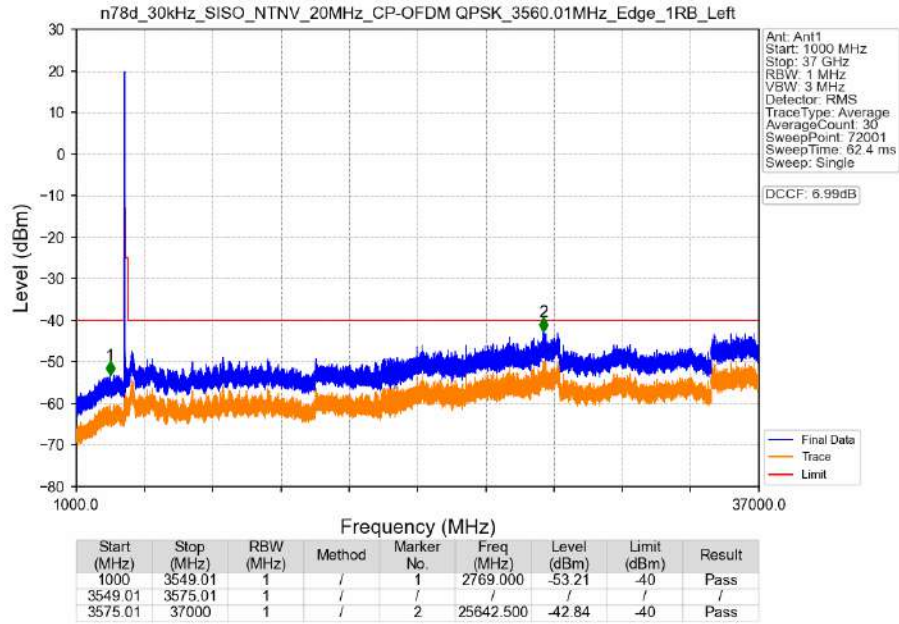
n78d 30kHz SISO NTN 20MHz CP-OFDM QPSK 3560.01MHz Edge 1RB Left



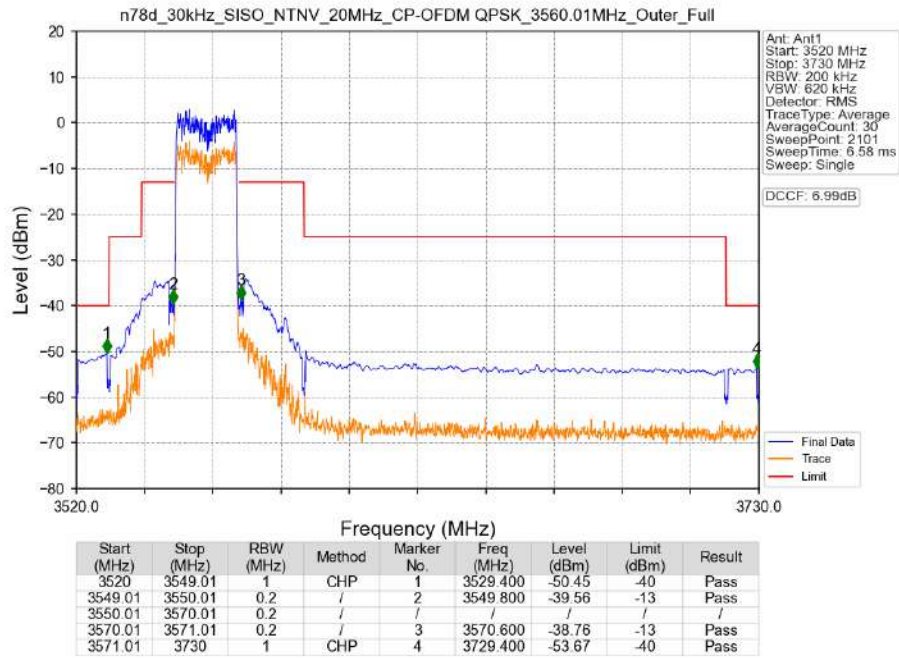
n78d 30kHz SISO NTN 20MHz CP-OFDM QPSK 3560.01MHz Edge 1RB Left



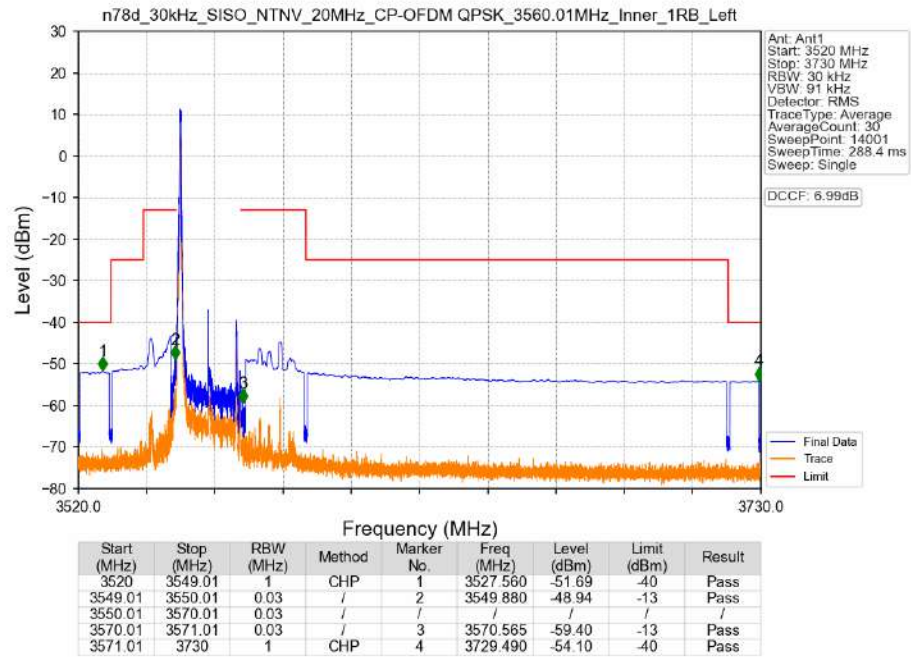
n78d 30kHz SISO NTN 20MHz CP-OFDM QPSK 3560.01MHz Edge 1RB Left



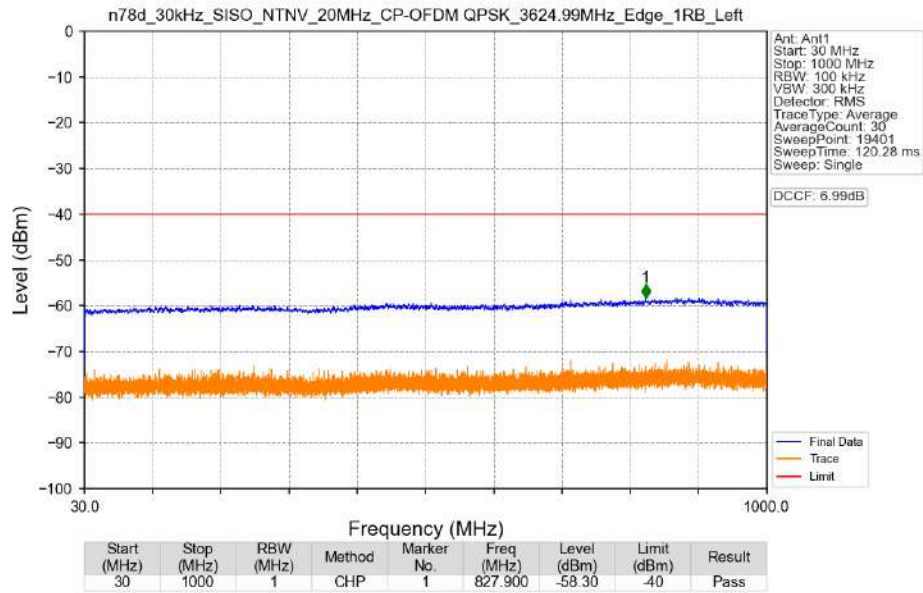
n78d 30kHz SISO NTN 20MHz CP-OFDM QPSK 3560.01MHz Outer Full



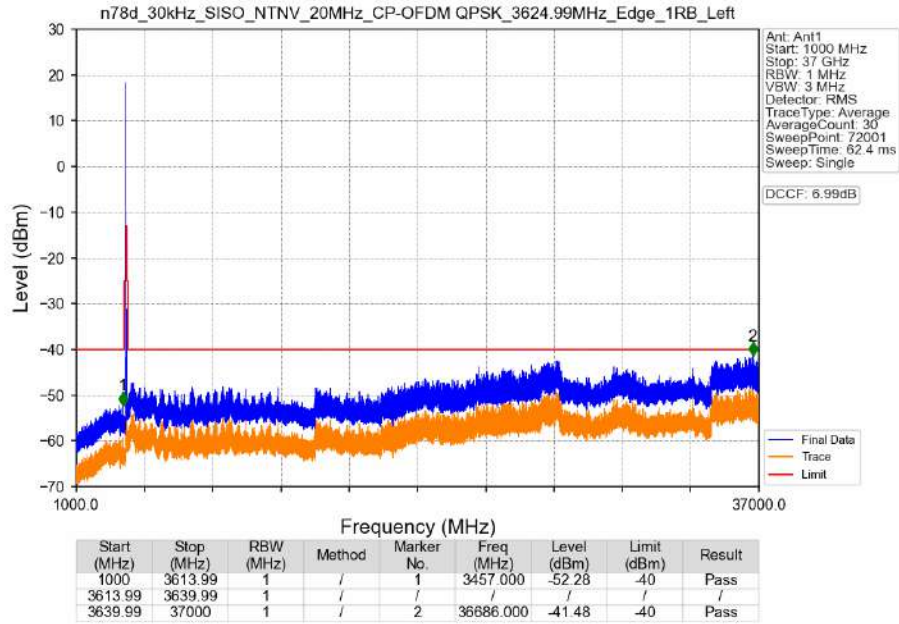
n78d 30kHz SISO NTN 20MHz CP-OFDM QPSK 3560.01MHz Inner 1RB Left



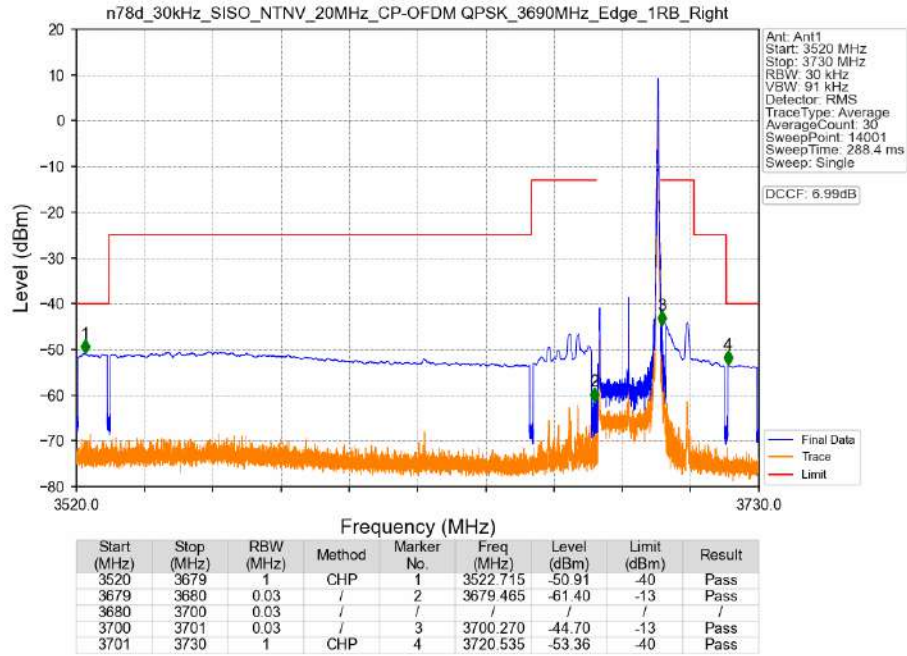
n78d 30kHz SISO NTN 20MHz CP-OFDM QPSK 3624.99MHz Edge 1RB Left



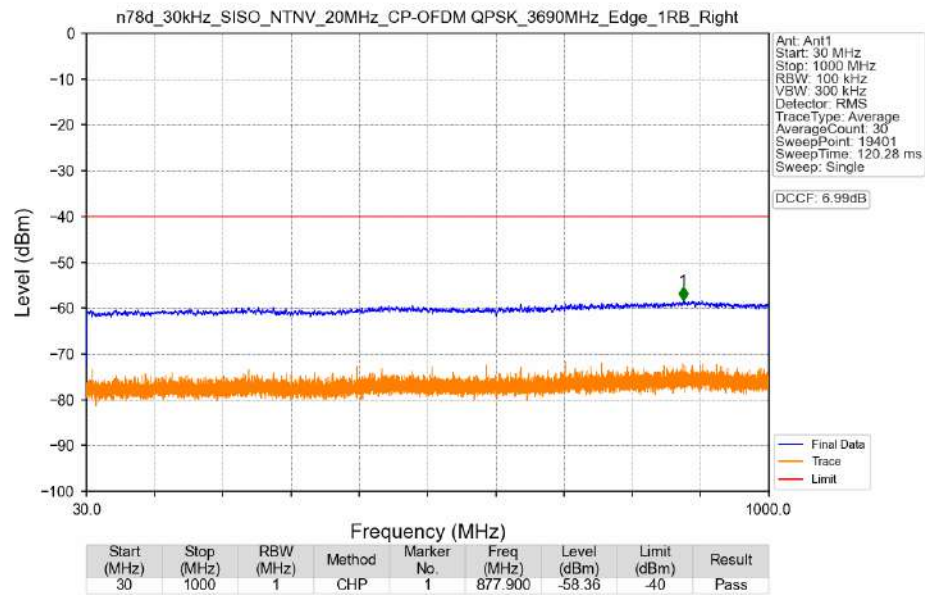
n78d 30kHz SISO NTN 20MHz CP-OFDM QPSK 3624.99MHz Edge 1RB Left



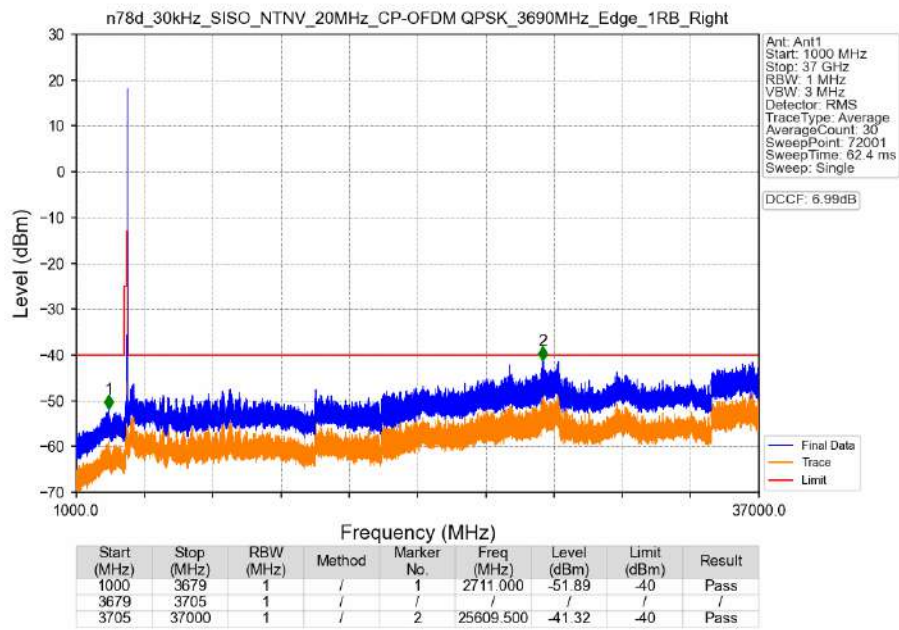
n78d 30kHz SISO NTN 20MHz CP-OFDM QPSK 3690MHz Edge 1RB Right



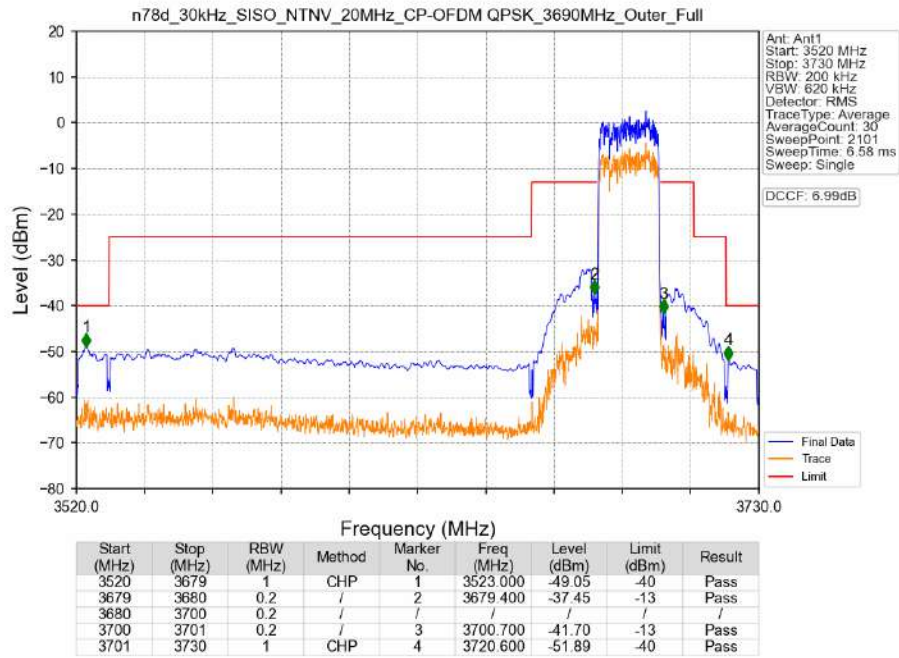
n78d_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3690MHz_Edge_1RB_Right



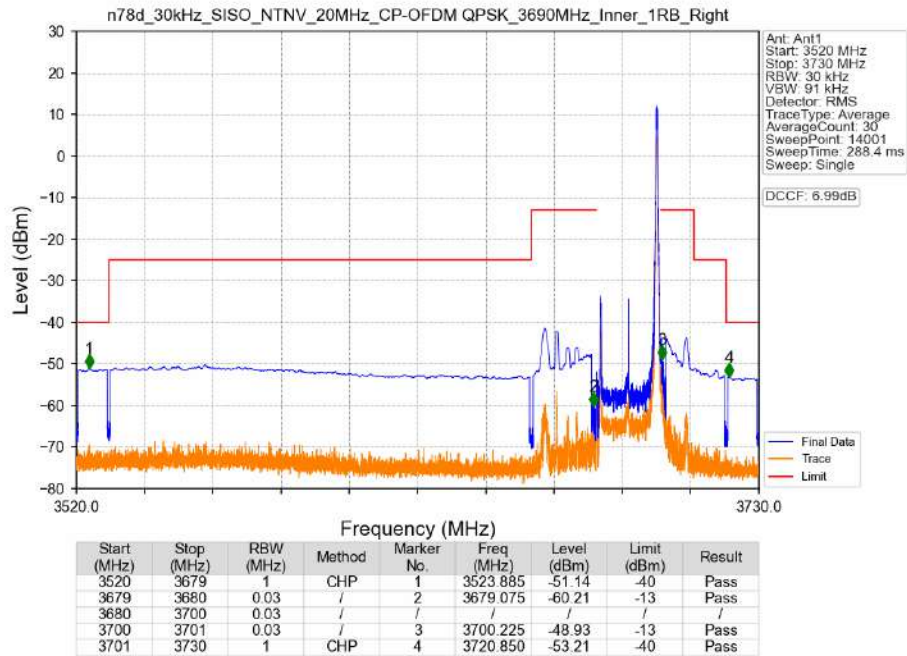
n78d_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3690MHz_Edge_1RB_Right



n78d 30kHz SISO NTN 20MHz CP-OFDM QPSK 3690MHz Outer Full



n78d 30kHz SISO NTN 20MHz CP-OFDM QPSK 3690MHz Inner 1RB Right

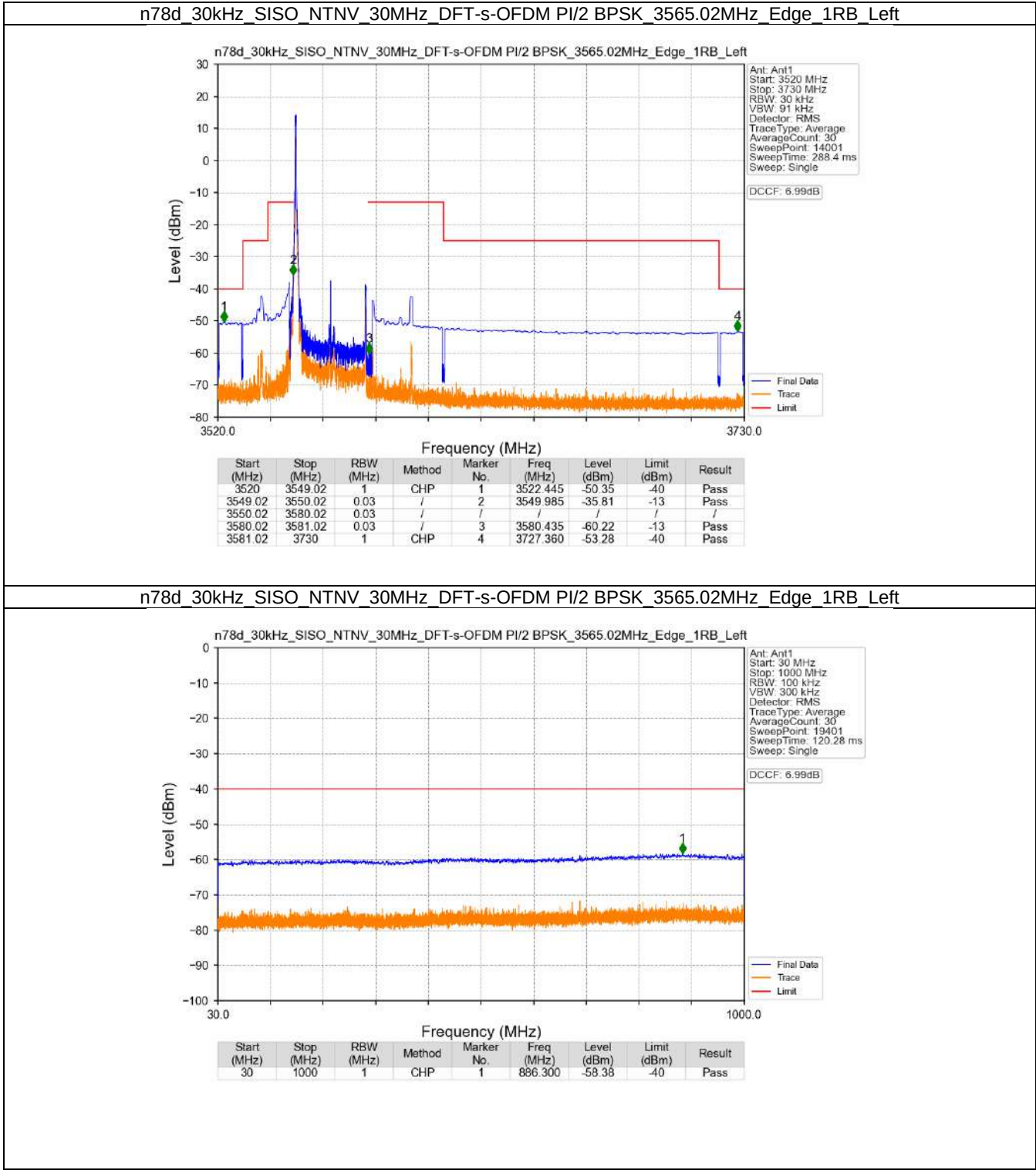


5.2 30k_SISO_30MHz_NTNV

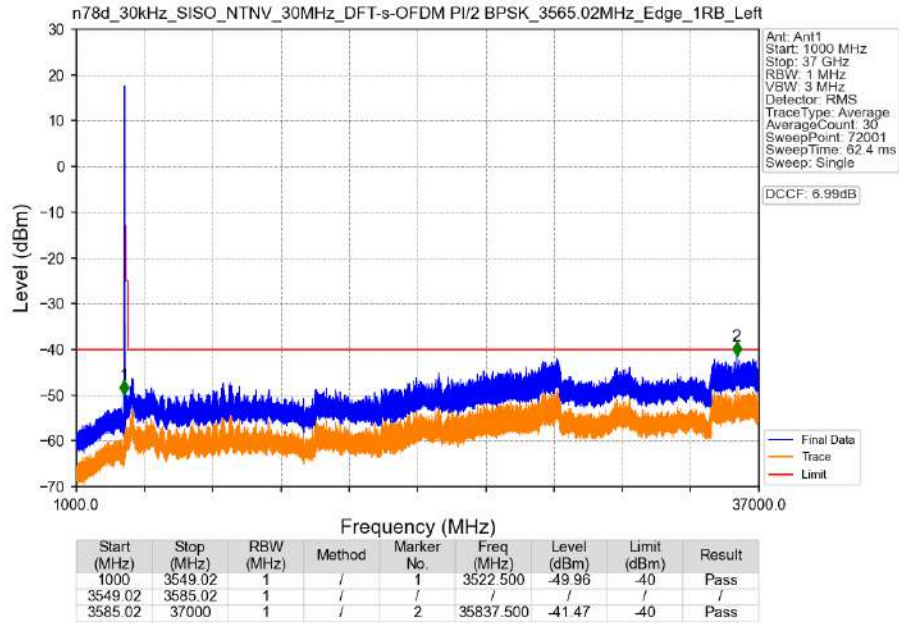
5.2.1 Test Result

5G NR n78d SCS=30kHz SISO 30MHz NTNv								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant1	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3565.02	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass	
		3684.99	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	3565.02	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left			Refer To Test Graph				Pass	
3624.99		Edge_1RB_Left	Refer To Test Graph				Pass	
		3684.99	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		3565.02	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	Inner_1RB_Left		Refer To Test Graph				Pass	
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass	
		3684.99	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	Inner_1RB_Right		Refer To Test Graph				Pass	

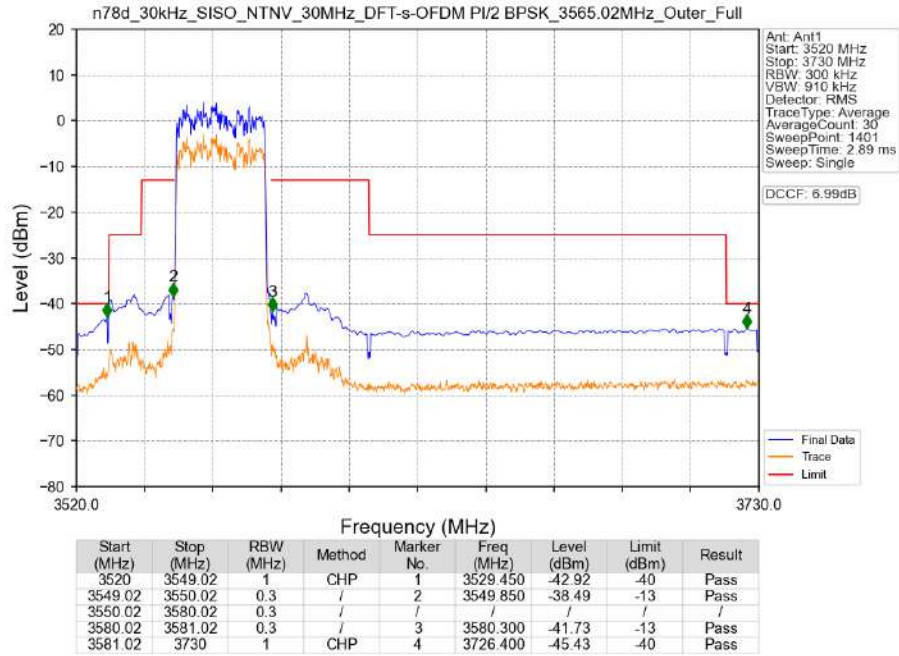
1.2.2 Test Graph



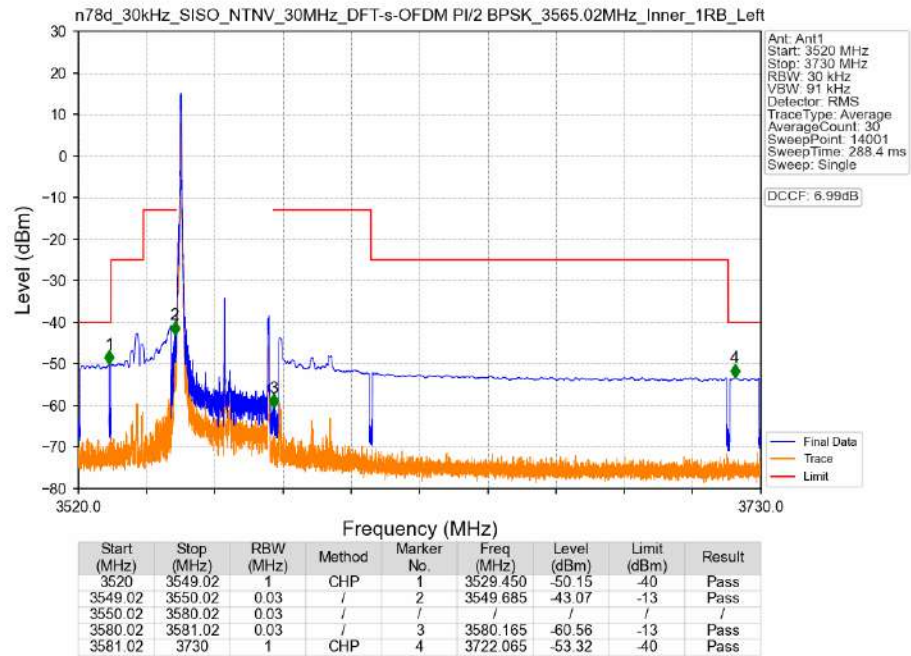
n78d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3565.02MHz_Edge_1RB_Left



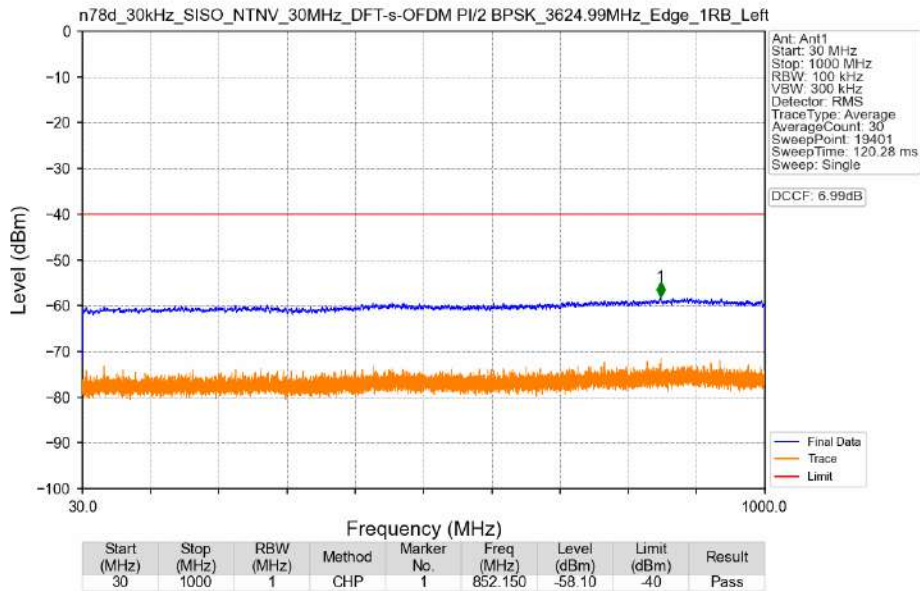
n78d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3565.02MHz_Outer_Full



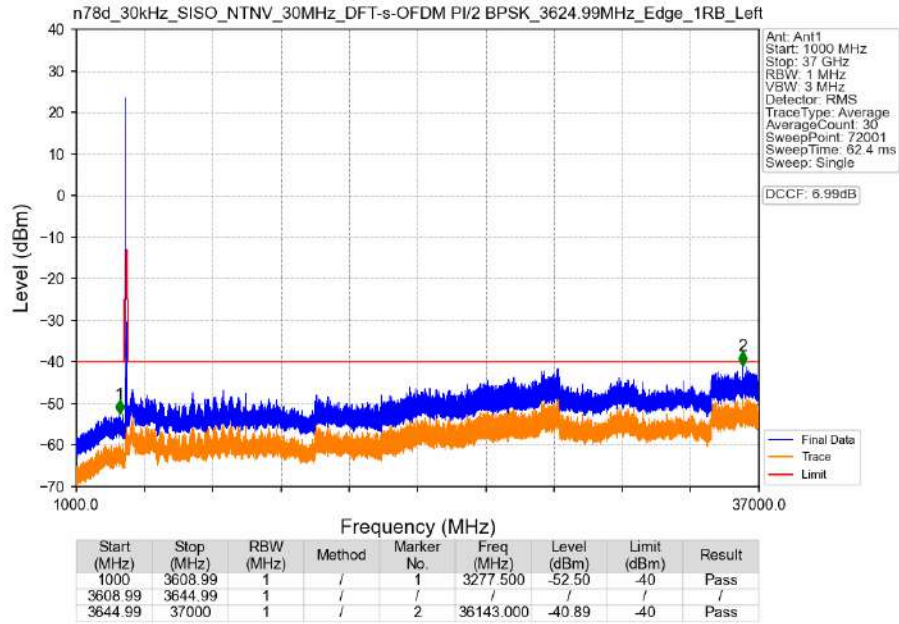
n78d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3565.02MHz_Inner_1RB_Left



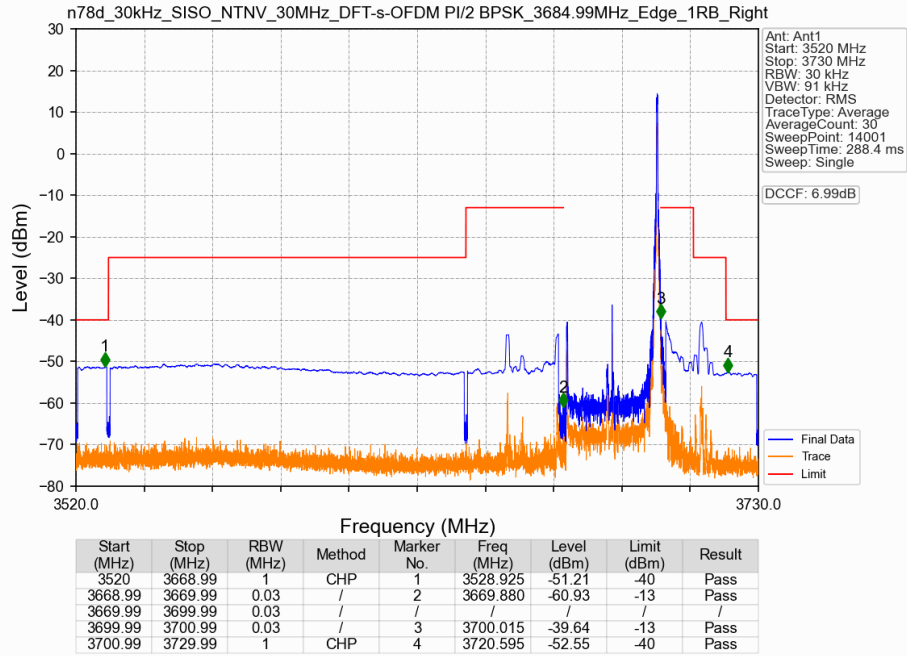
n78d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3624.99MHz_Edge_1RB_Left



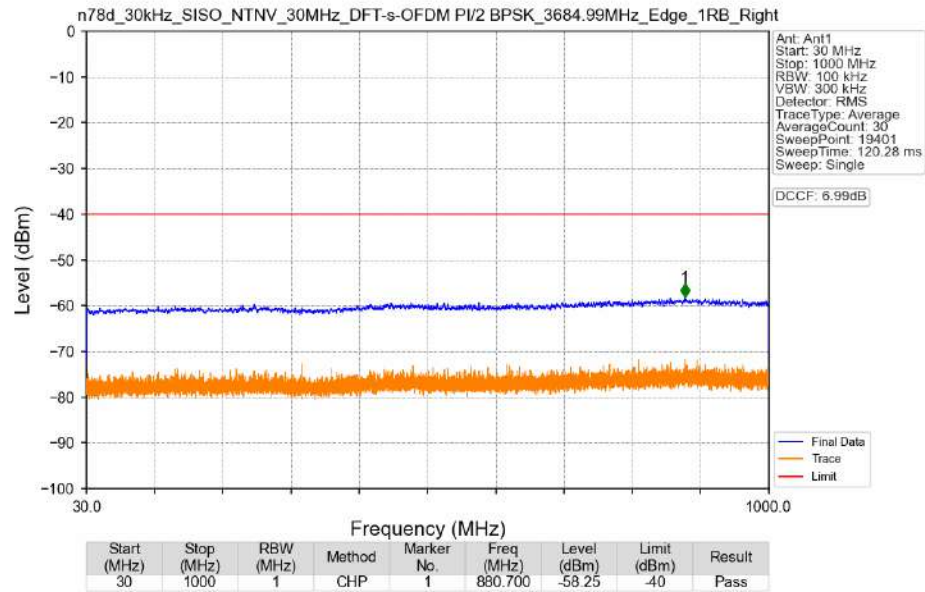
n78d 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3624.99MHz Edge 1RB Left



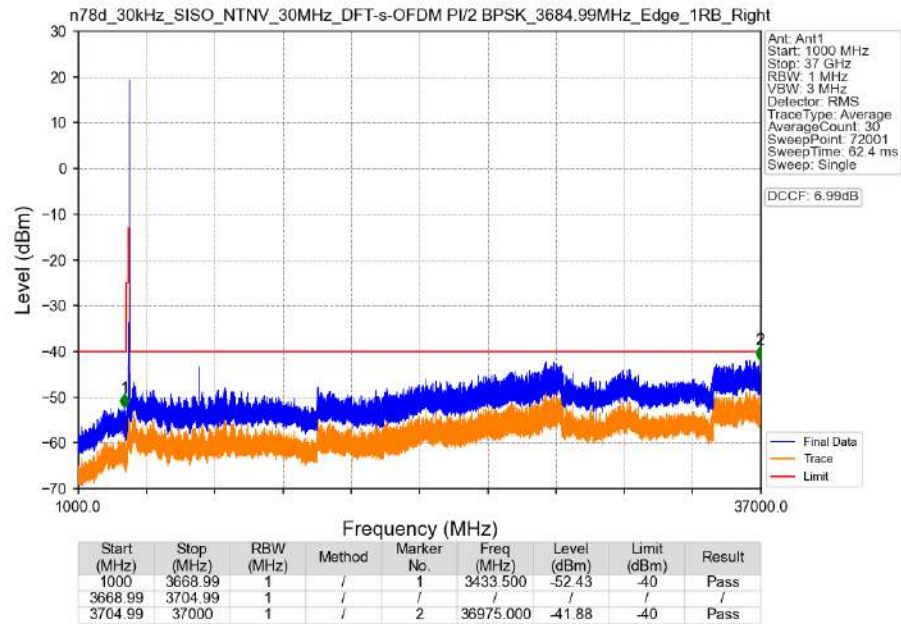
n78d 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3684.99MHz Edge 1RB Right



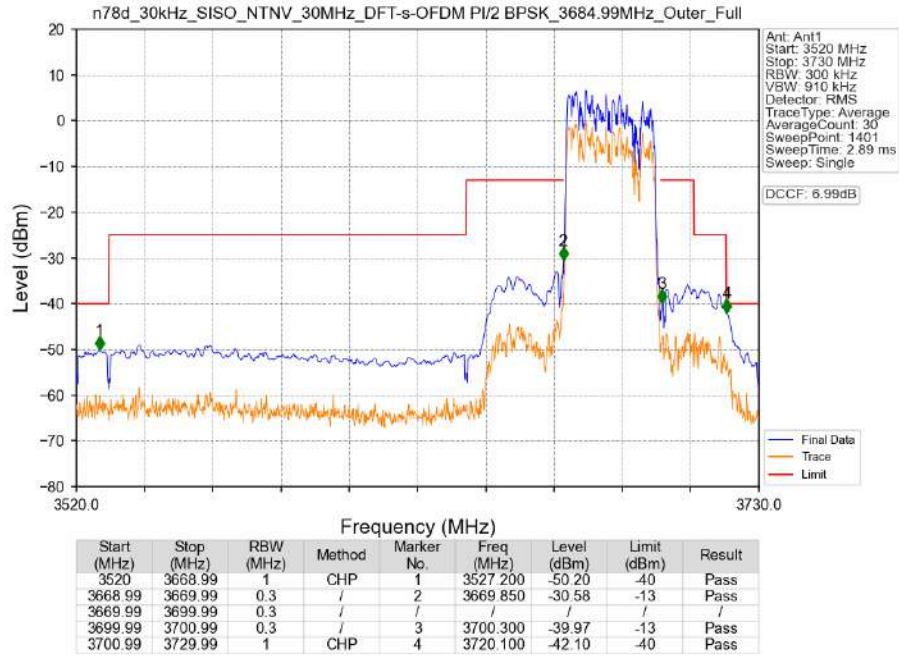
n78d 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3684.99MHz Edge 1RB Right



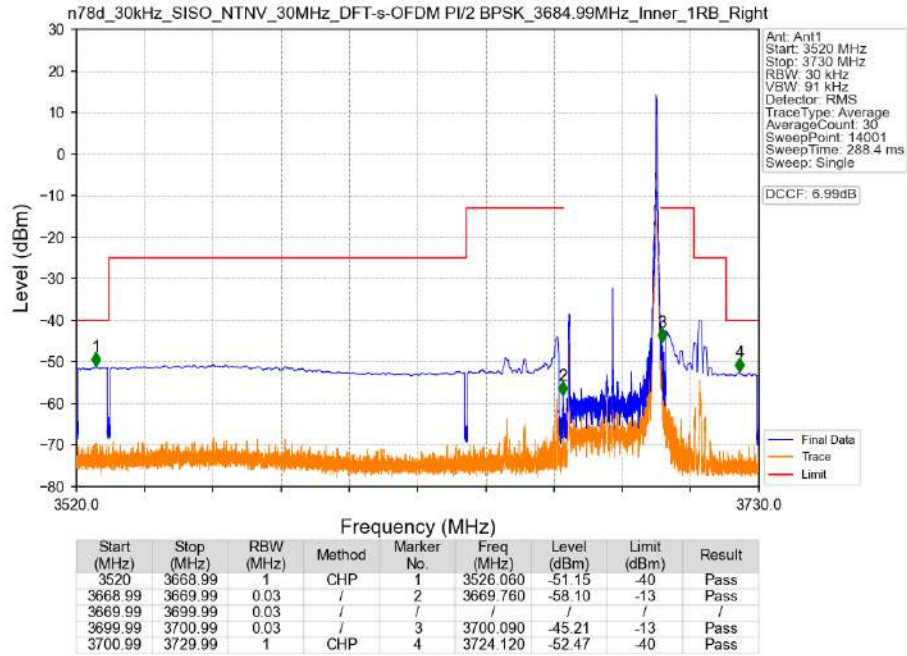
n78d 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3684.99MHz Edge 1RB Right



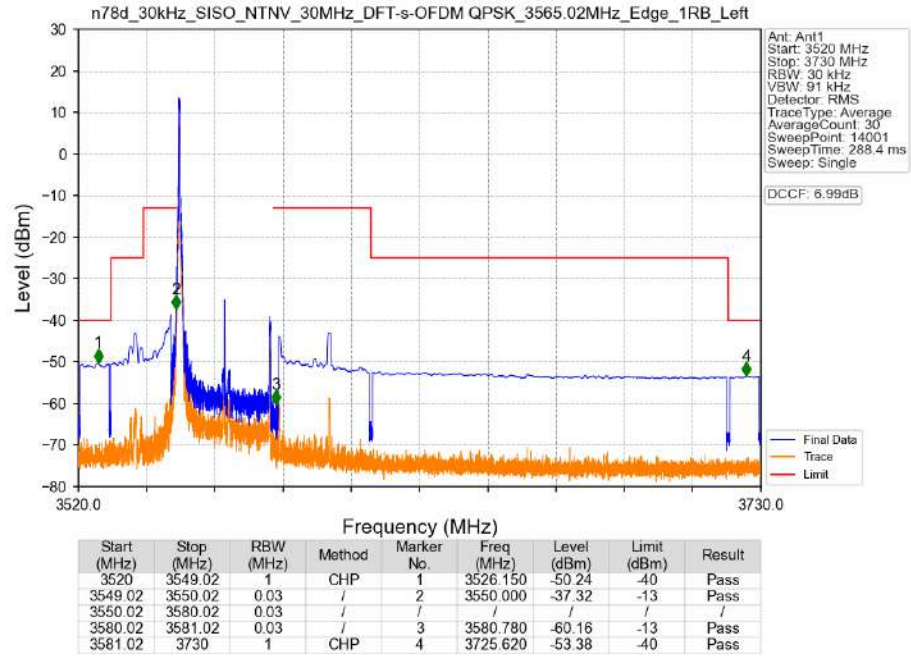
n78d 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3684.99MHz Outer Full



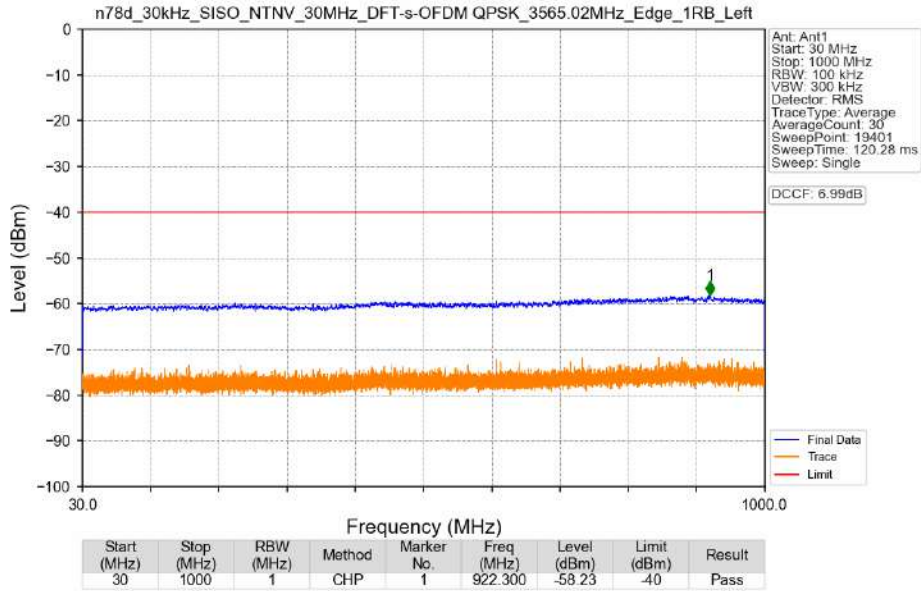
n78d 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3684.99MHz Inner 1RB Right



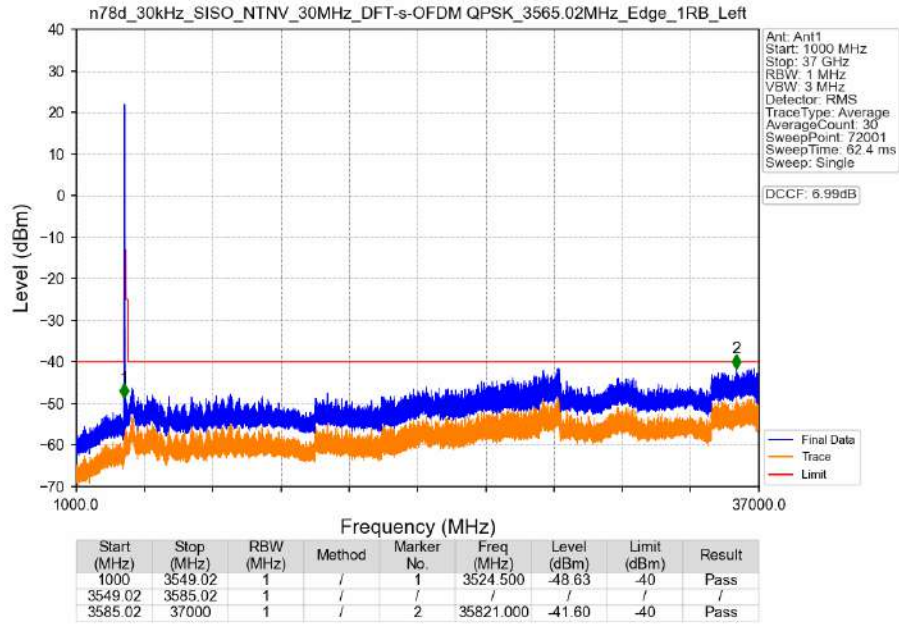
n78d 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3565.02MHz Edge 1RB Left



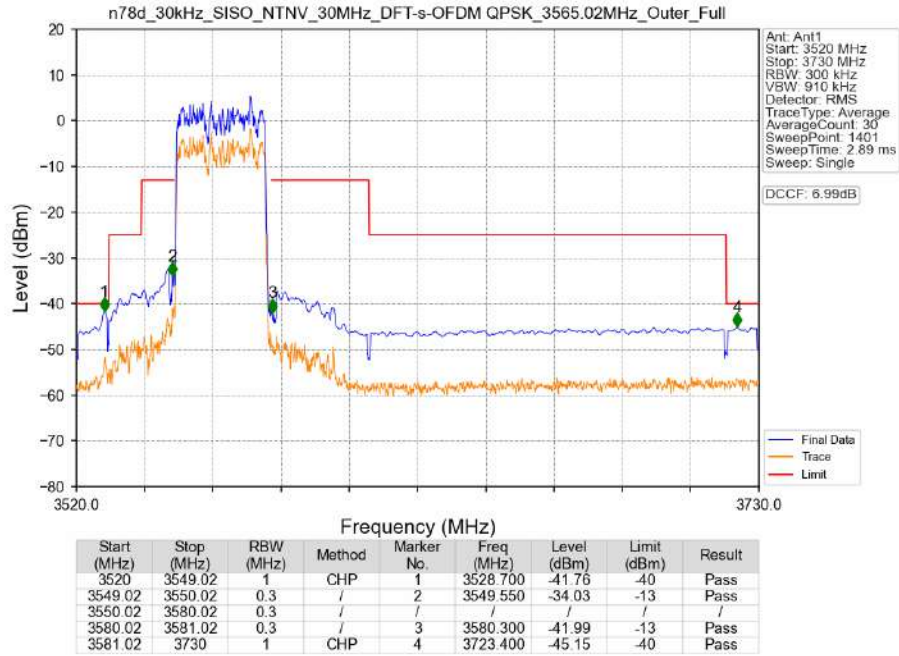
n78d 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3565.02MHz Edge 1RB Left



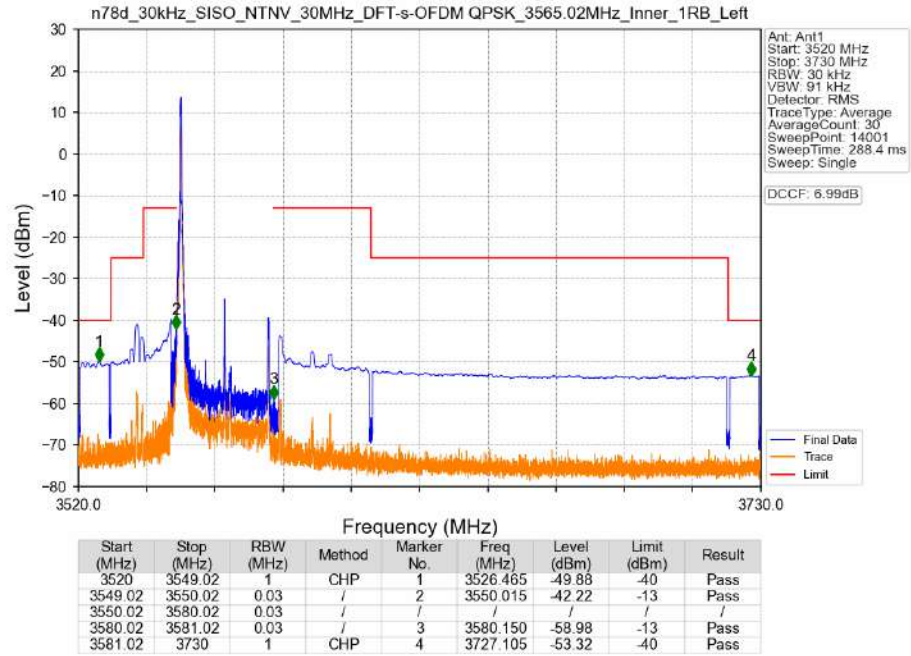
n78d 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3565.02MHz Edge 1RB Left



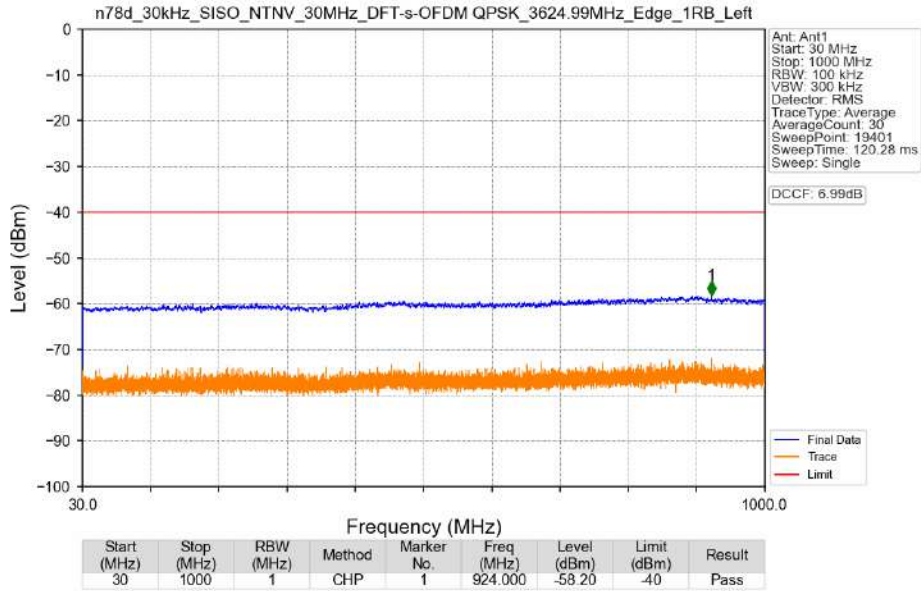
n78d 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3565.02MHz Outer Full



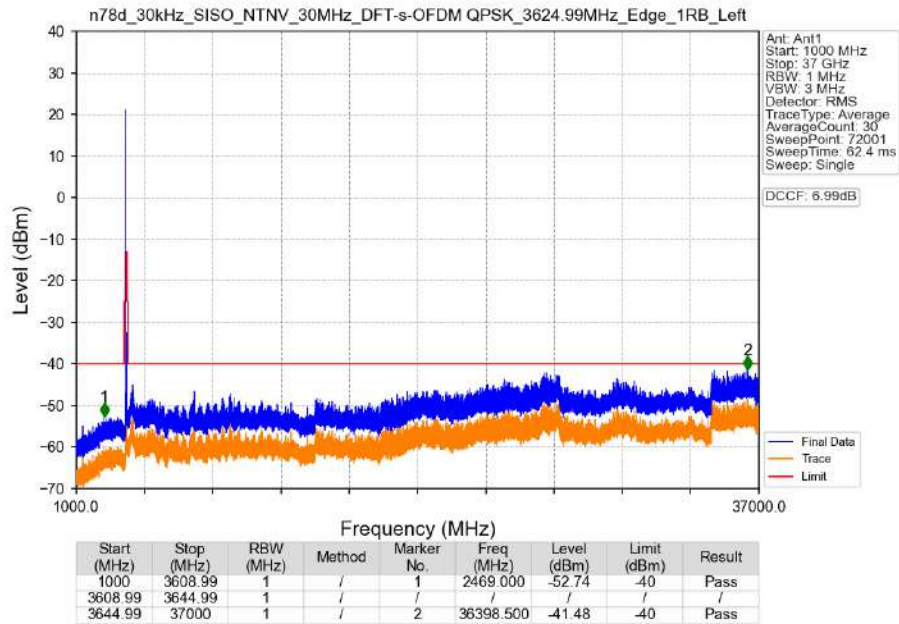
n78d 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3565.02MHz Inner 1RB Left



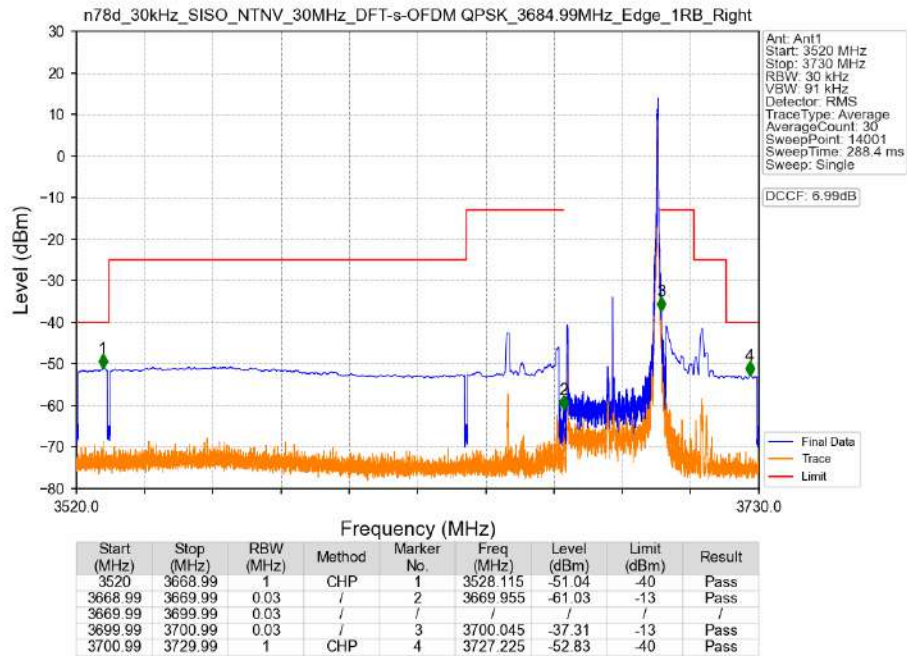
n78d 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3624.99MHz Edge 1RB Left



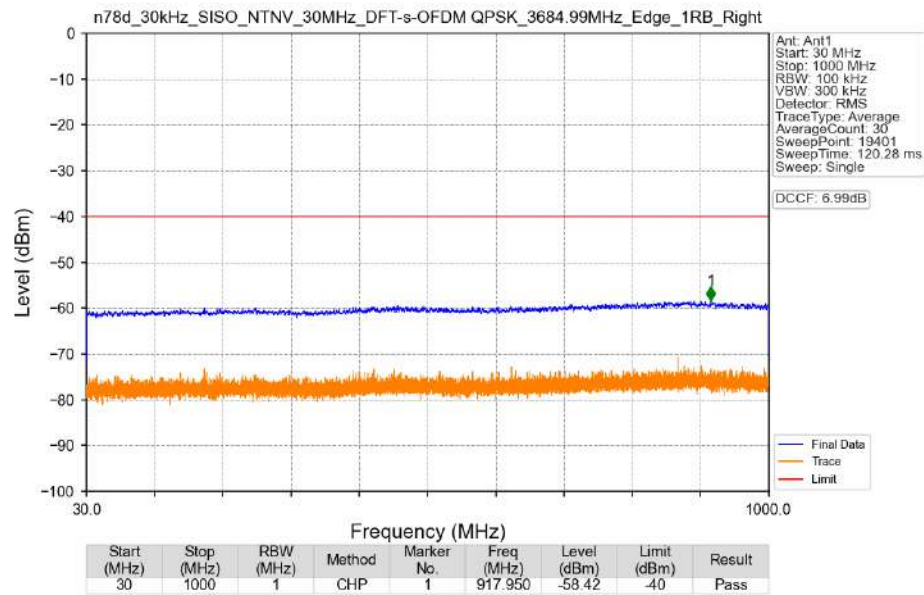
n78d 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3624.99MHz Edge 1RB Left



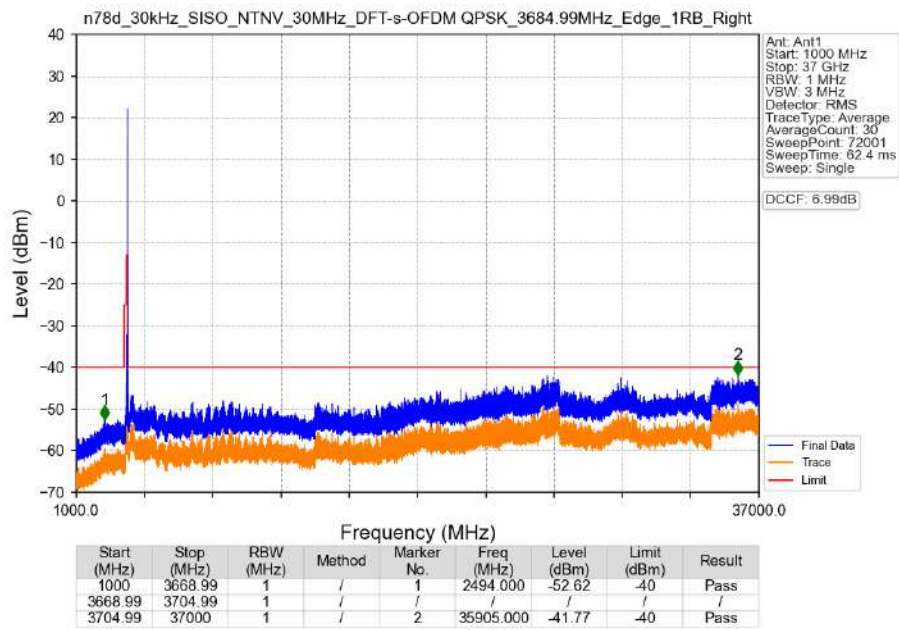
n78d 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3684.99MHz Edge 1RB Right



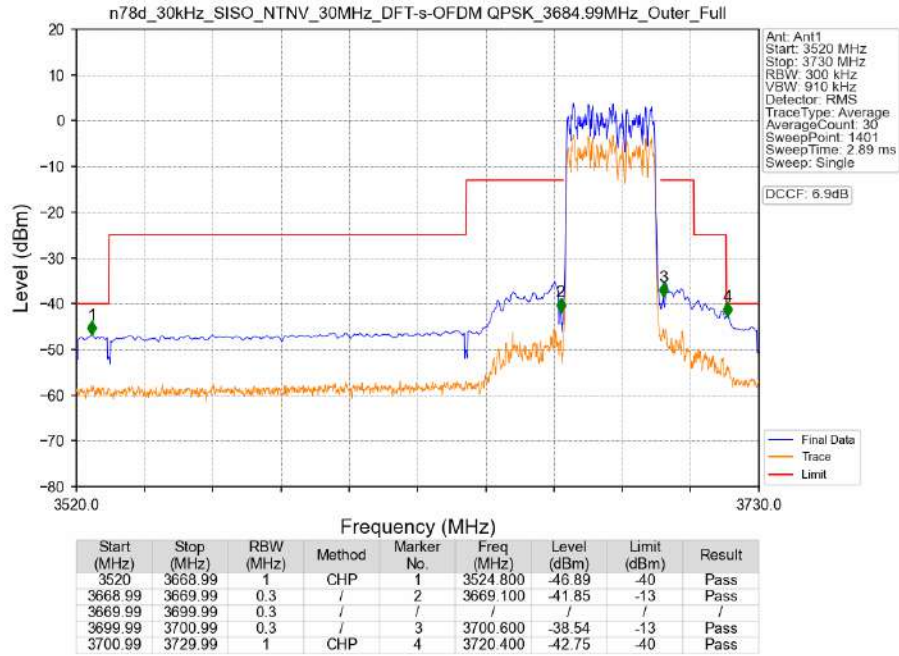
n78d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3684.99MHz_Edge_1RB_Right



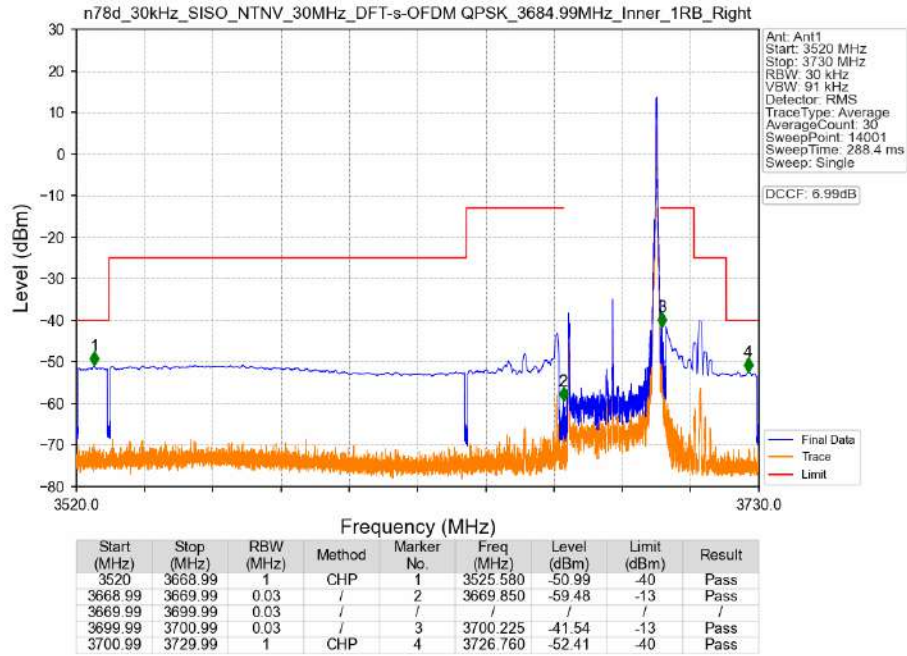
n78d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3684.99MHz_Edge_1RB_Right



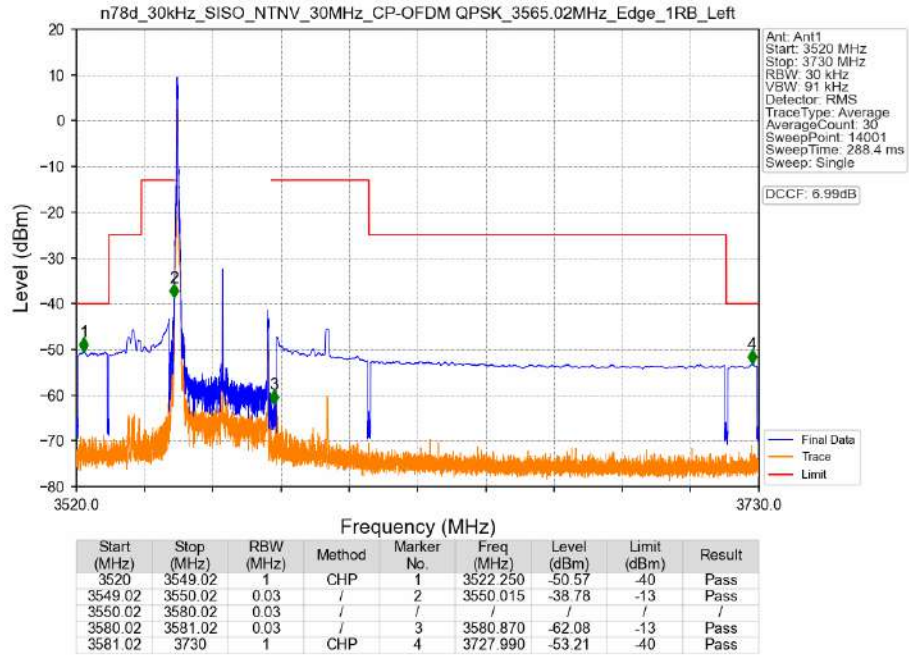
n78d 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3684.99MHz Outer Full



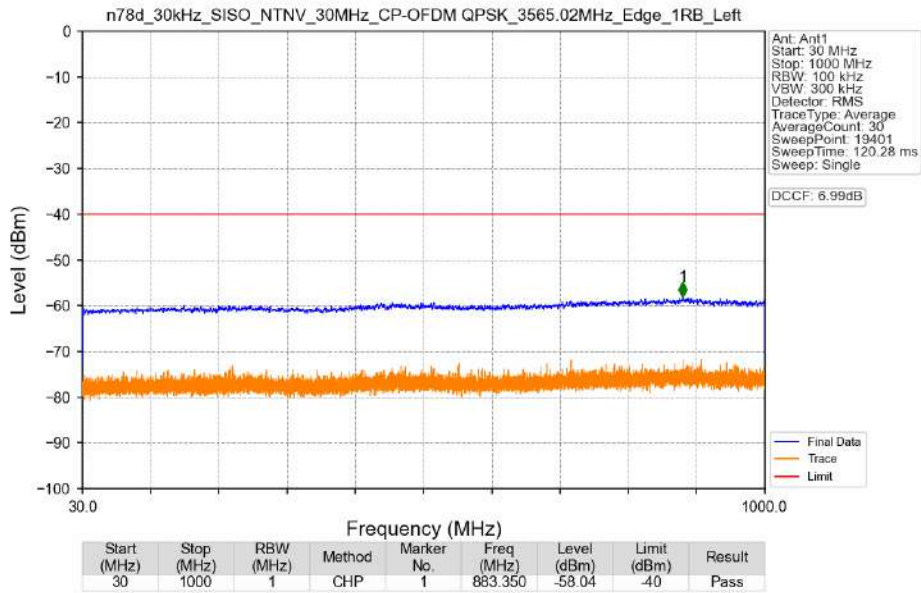
n78d 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3684.99MHz Inner 1RB Right



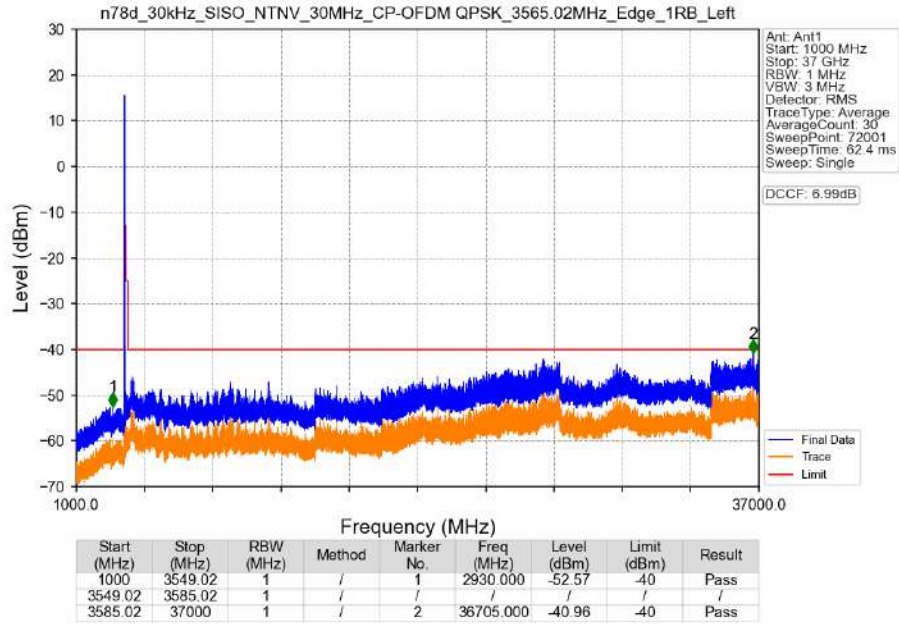
n78d 30kHz SISO NTN 30MHz CP-OFDM QPSK 3565.02MHz Edge 1RB Left



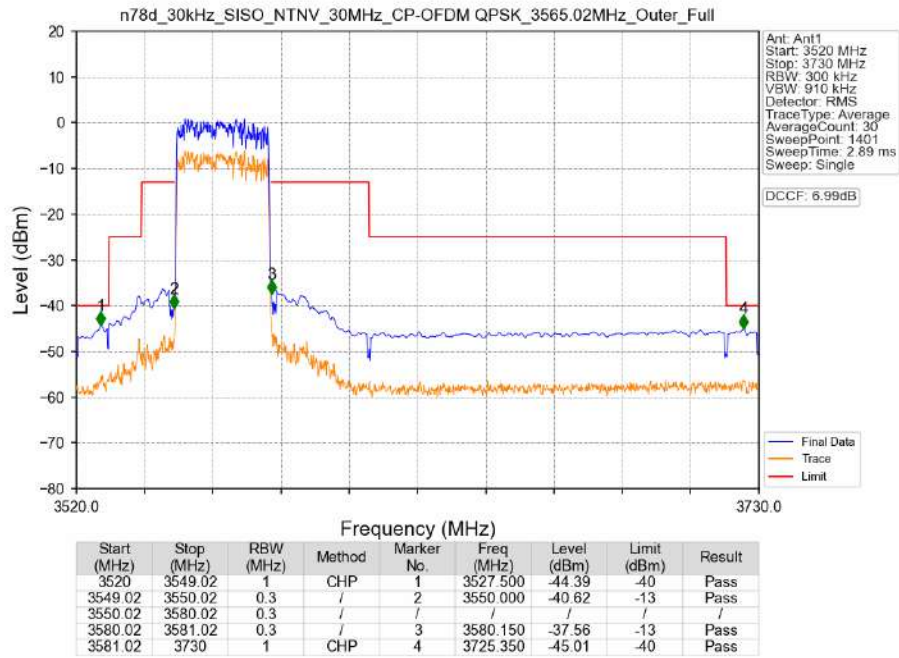
n78d 30kHz SISO NTN 30MHz CP-OFDM QPSK 3565.02MHz Edge 1RB Left



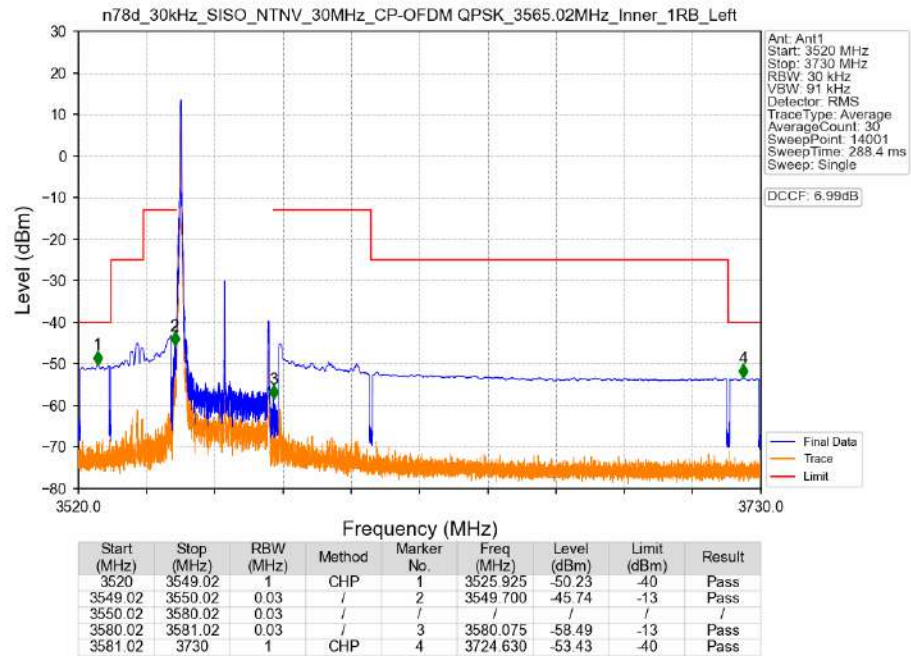
n78d 30kHz SISO NTN 30MHz CP-OFDM QPSK 3565.02MHz Edge 1RB Left



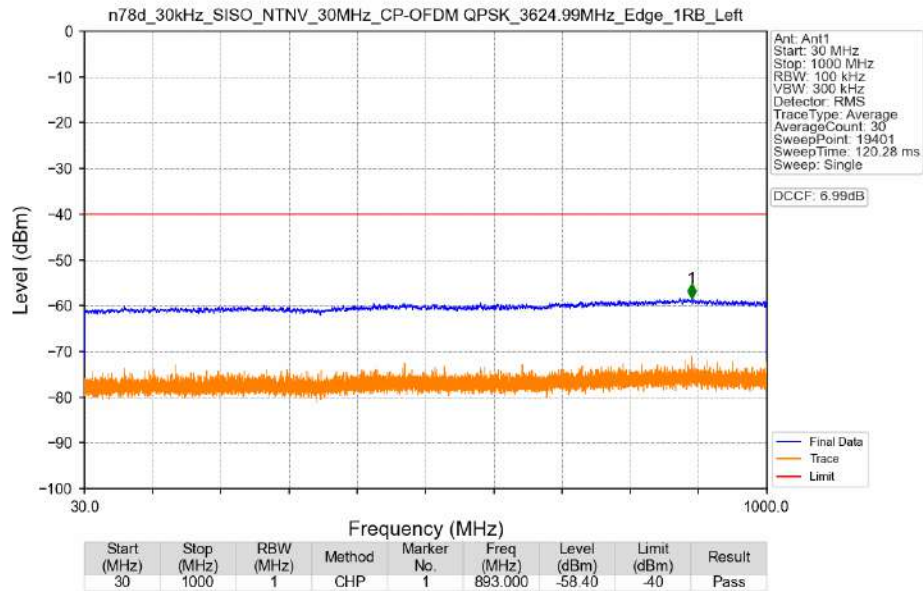
n78d 30kHz SISO NTN 30MHz CP-OFDM QPSK 3565.02MHz Outer Full



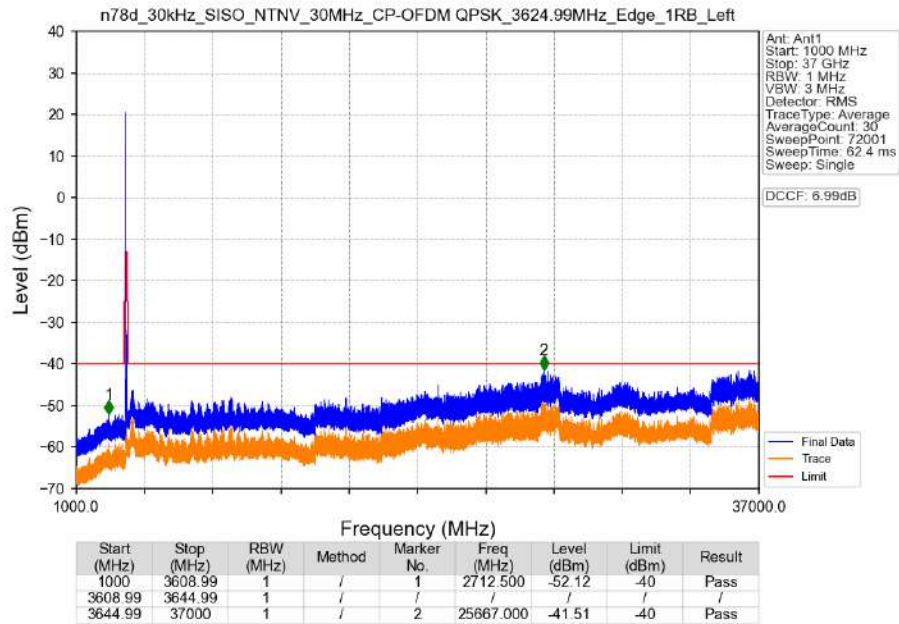
n78d 30kHz SISO NTN 30MHz CP-OFDM QPSK 3565.02MHz Inner 1RB Left



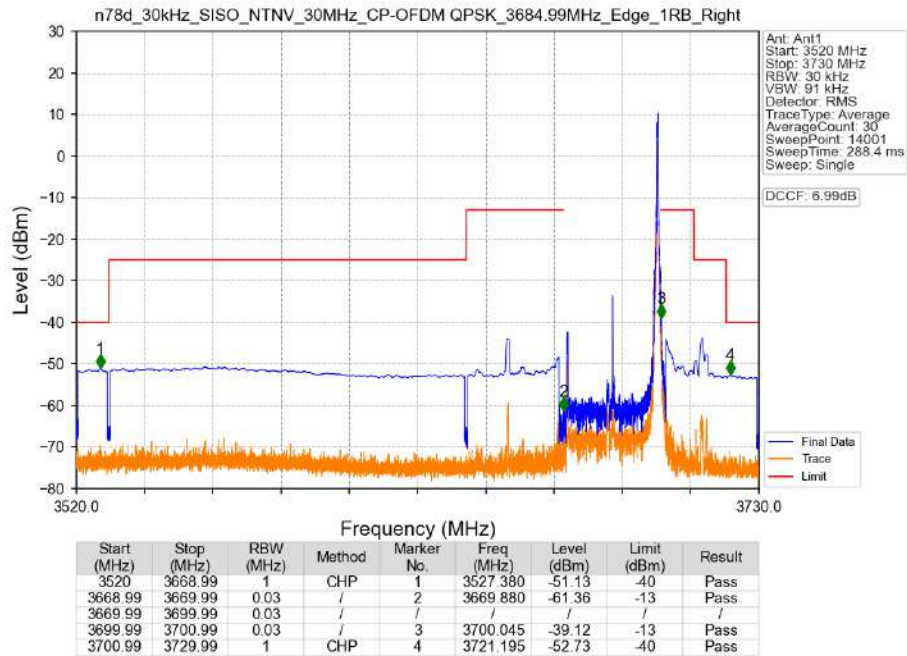
n78d 30kHz SISO NTN 30MHz CP-OFDM QPSK 3624.99MHz Edge 1RB Left



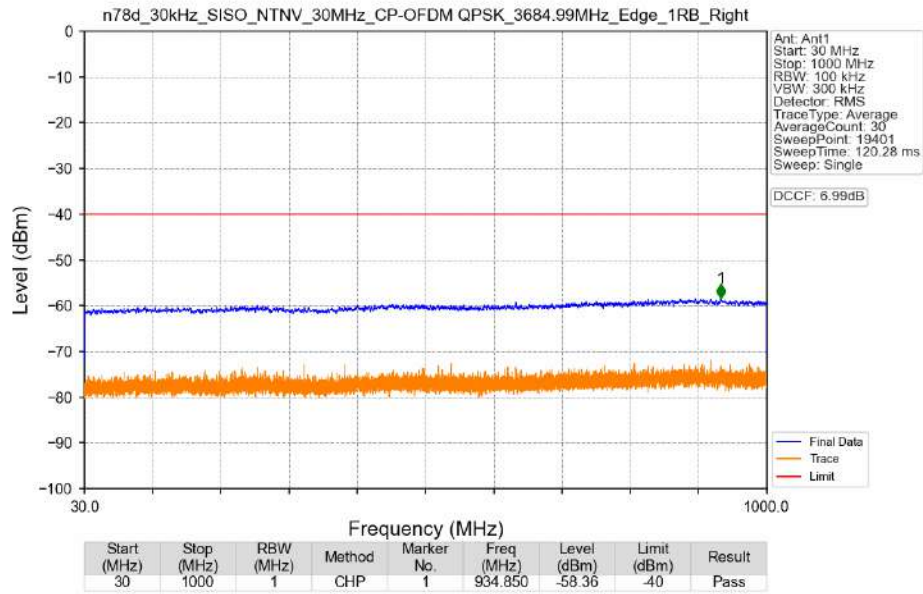
n78d 30kHz SISO NTN 30MHz CP-OFDM QPSK 3624.99MHz Edge 1RB Left



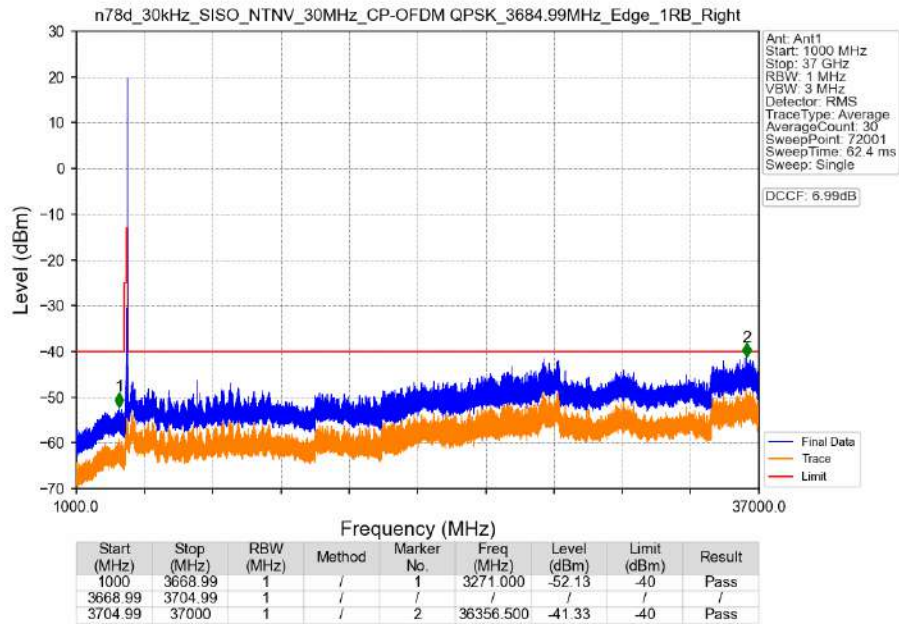
n78d 30kHz SISO NTN 30MHz CP-OFDM QPSK 3684.99MHz Edge 1RB Right



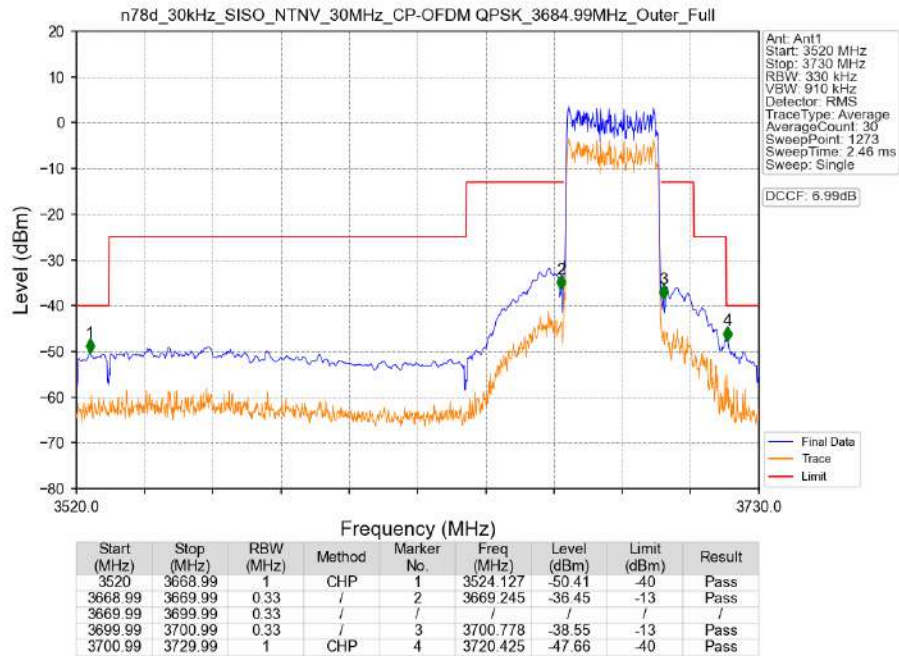
n78d 30kHz SISO NTN 30MHz CP-OFDM QPSK 3684.99MHz Edge 1RB Right



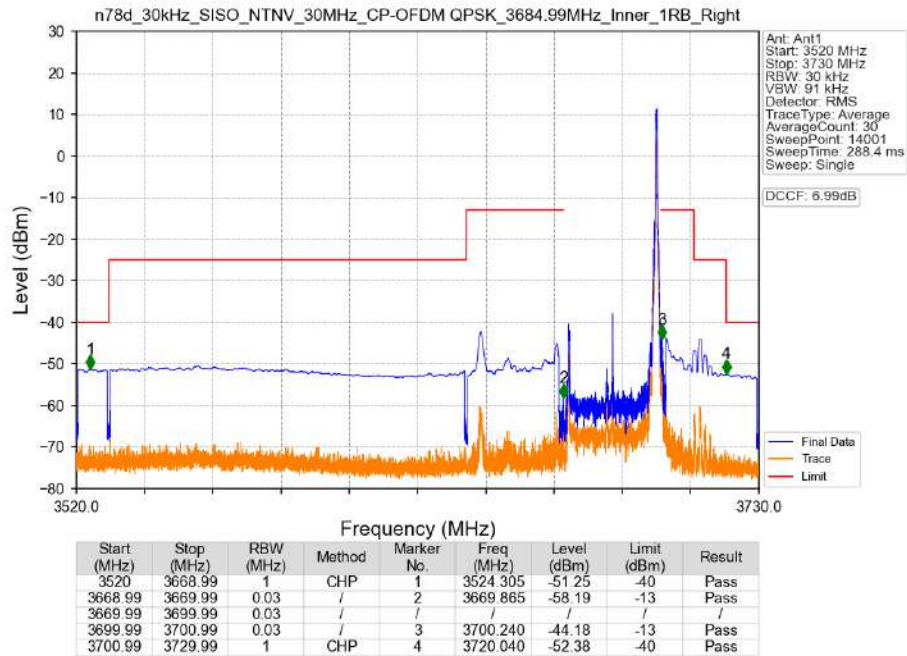
n78d 30kHz SISO NTN 30MHz CP-OFDM QPSK 3684.99MHz Edge 1RB Right



n78d 30kHz SISO NTN 30MHz CP-OFDM QPSK 3684.99MHz Outer Full



n78d 30kHz SISO NTN 30MHz CP-OFDM QPSK 3684.99MHz Inner 1RB Right



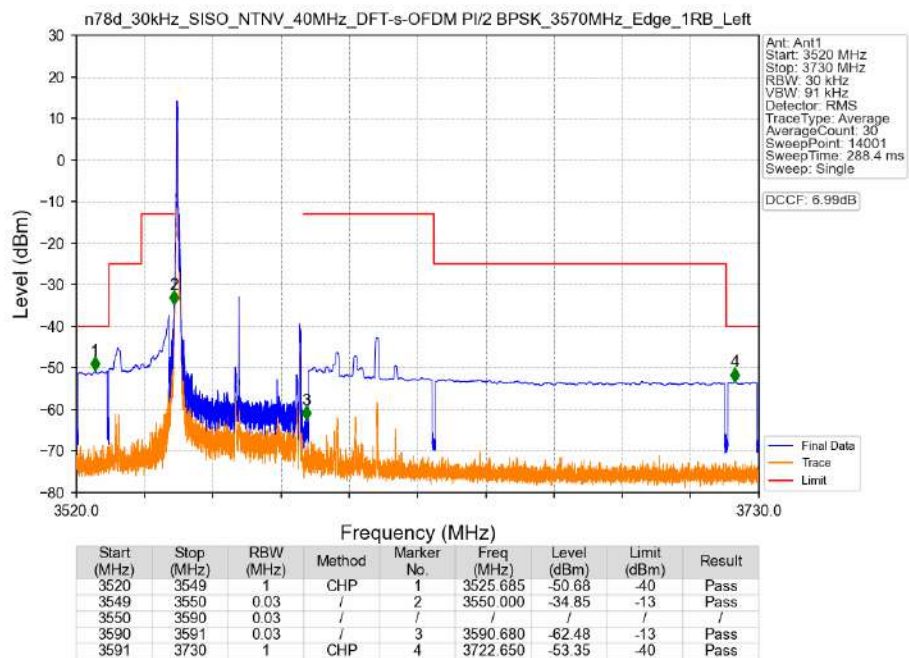
5.3 30k_SISO_40MHz_NTNV

5.3.1 Test Result

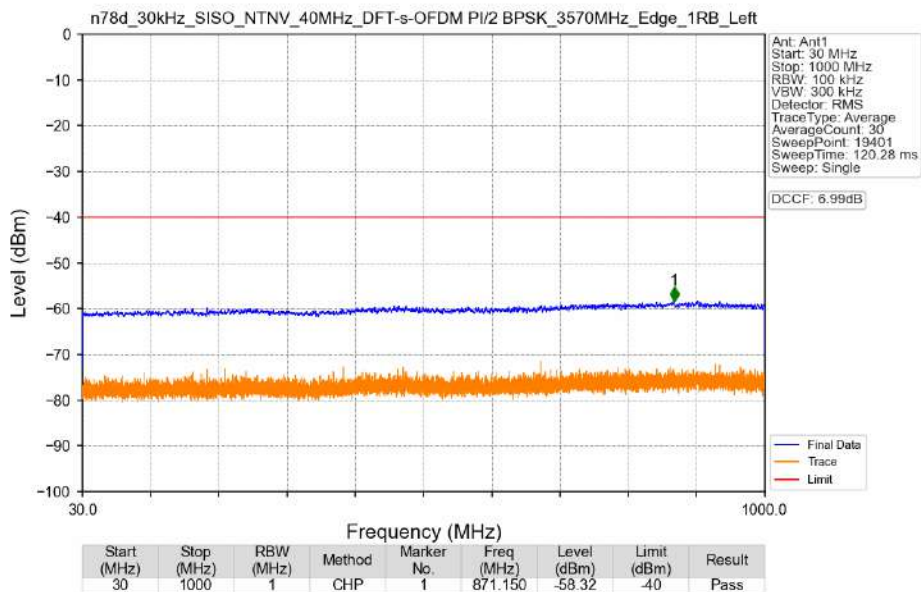
5G NR n78d SCS=30kHz SISO 40MHz NTN									
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict		
			Ant1	Ant2	Sum	Limit			
DFT-s-OFDM PI/2 BPSK	3570	Edge_1RB_Left	Refer To Test Graph				Pass		
		Outer_Full	Refer To Test Graph				Pass		
		Inner_1RB_Left	Refer To Test Graph				Pass		
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass		
		3679.98	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	3570	Edge_1RB_Left	Refer To Test Graph				Pass
				Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left	Refer To Test Graph				Pass				
3624.99	Edge_1RB_Left		Refer To Test Graph				Pass		
	3679.98		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		3570	Edge_1RB_Left	Refer To Test Graph				Pass
				Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left		Refer To Test Graph				Pass			
3624.99		Edge_1RB_Left	Refer To Test Graph				Pass		
		3679.98	Edge_1RB_Right	Refer To Test Graph				Pass	
			Outer_Full	Refer To Test Graph				Pass	
			Inner_1RB_Right	Refer To Test Graph				Pass	

1.3.2 Test Graph

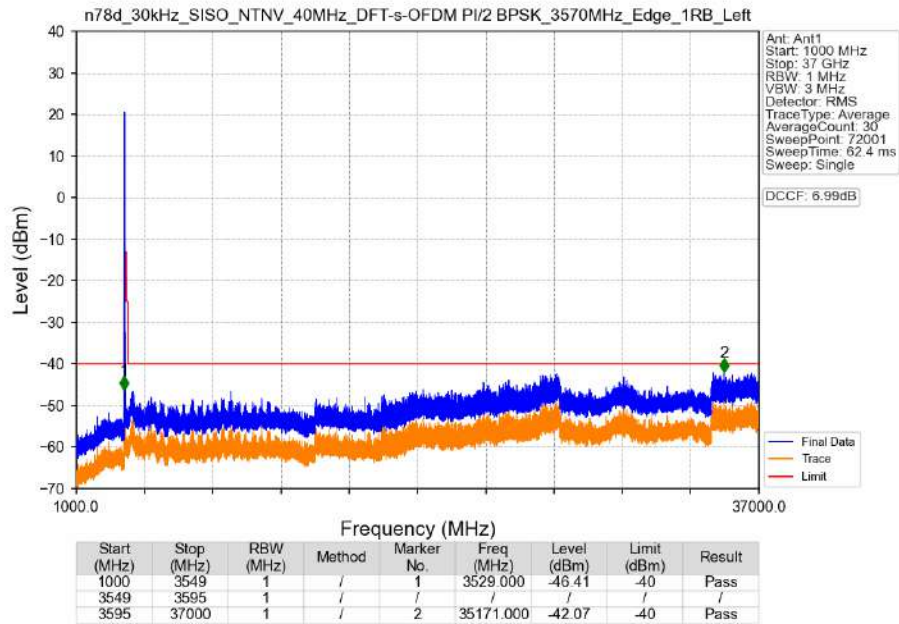
n78d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3570MHz_Edge_1RB_Left



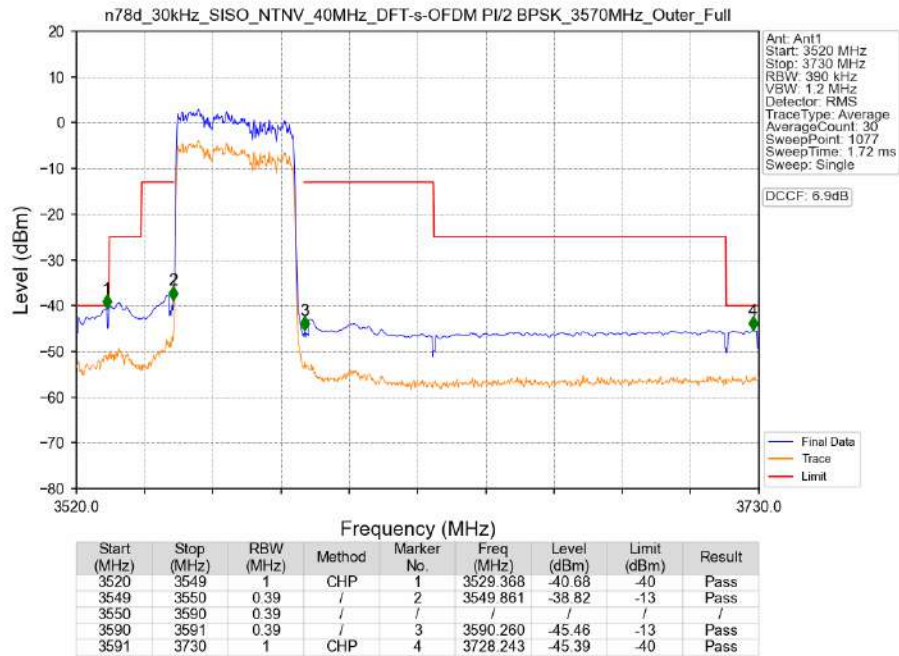
n78d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3570MHz_Edge_1RB_Left



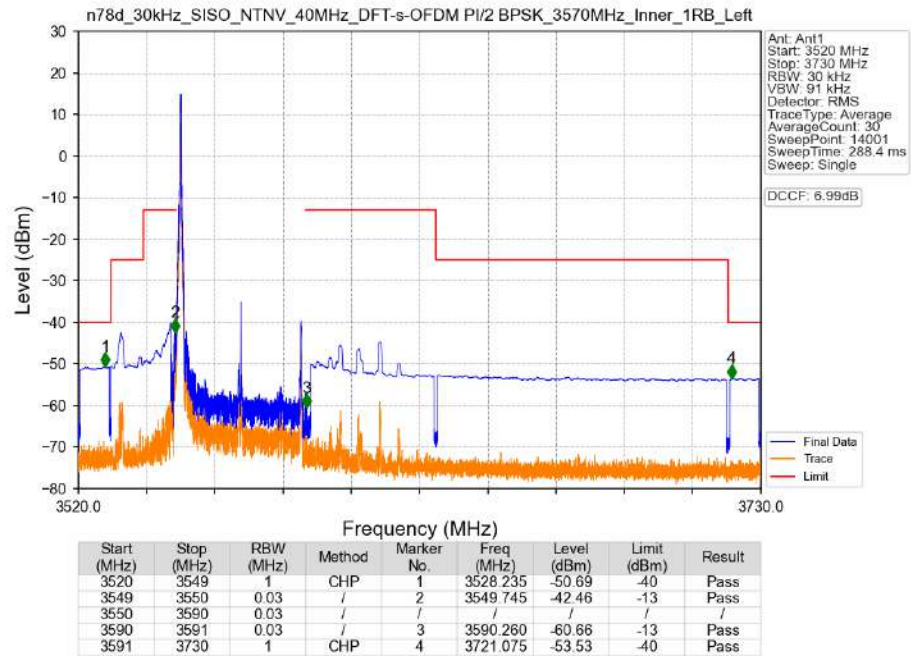
n78d 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3570MHz Edge 1RB Left



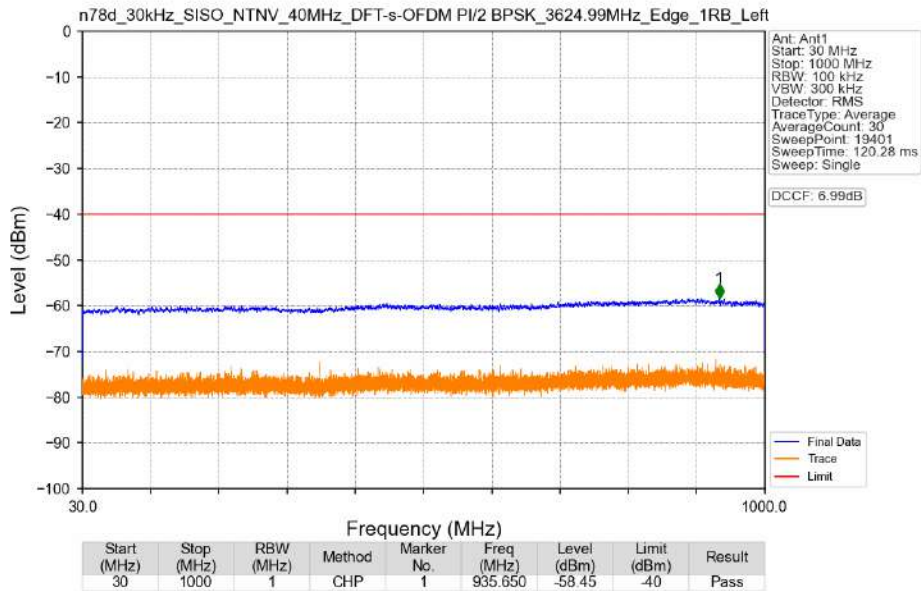
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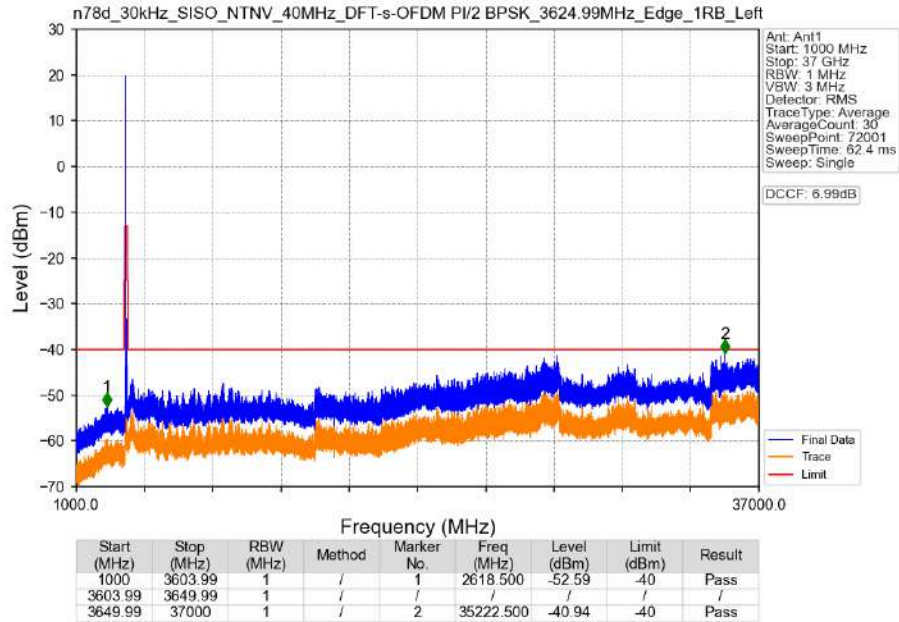
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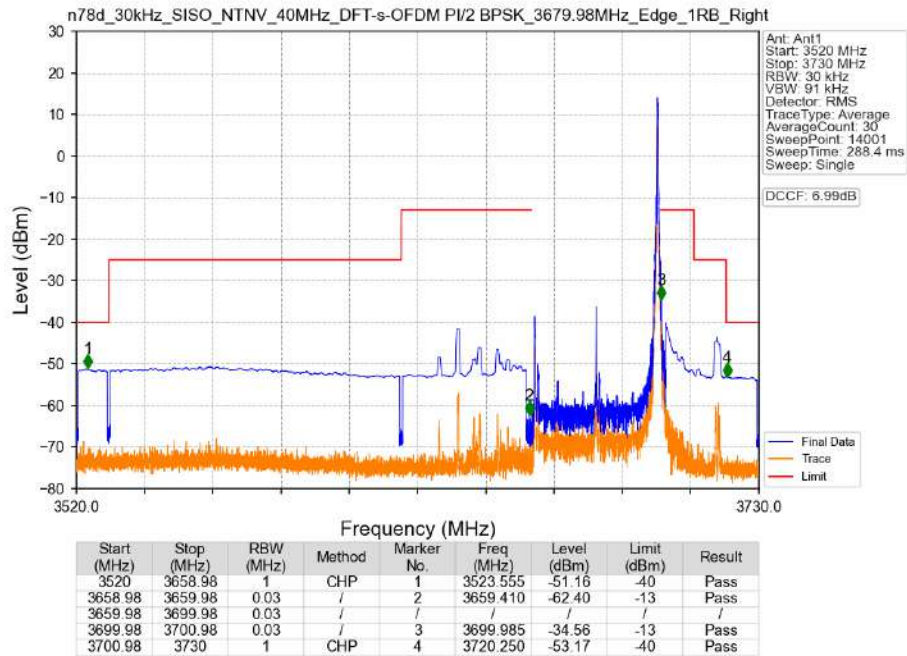
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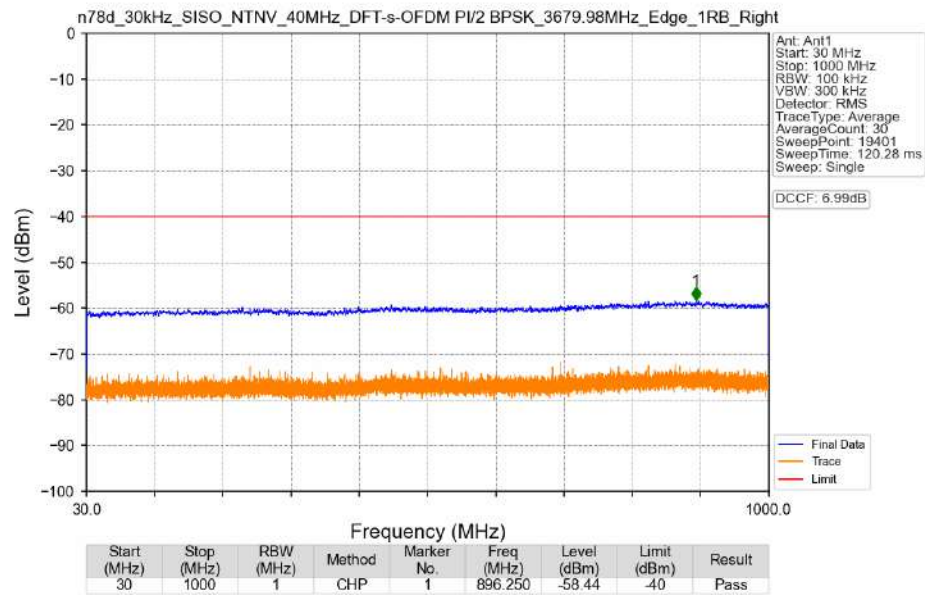
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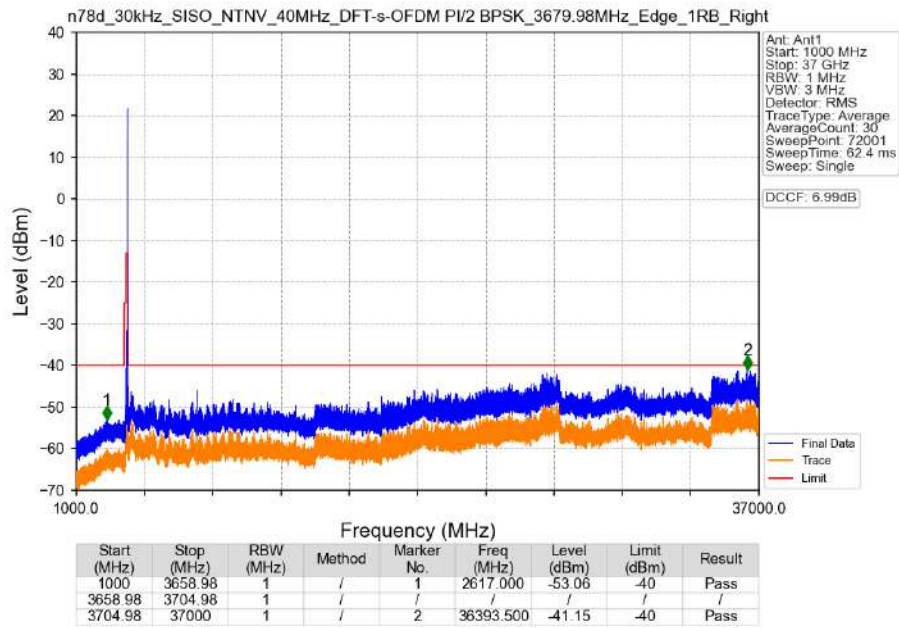
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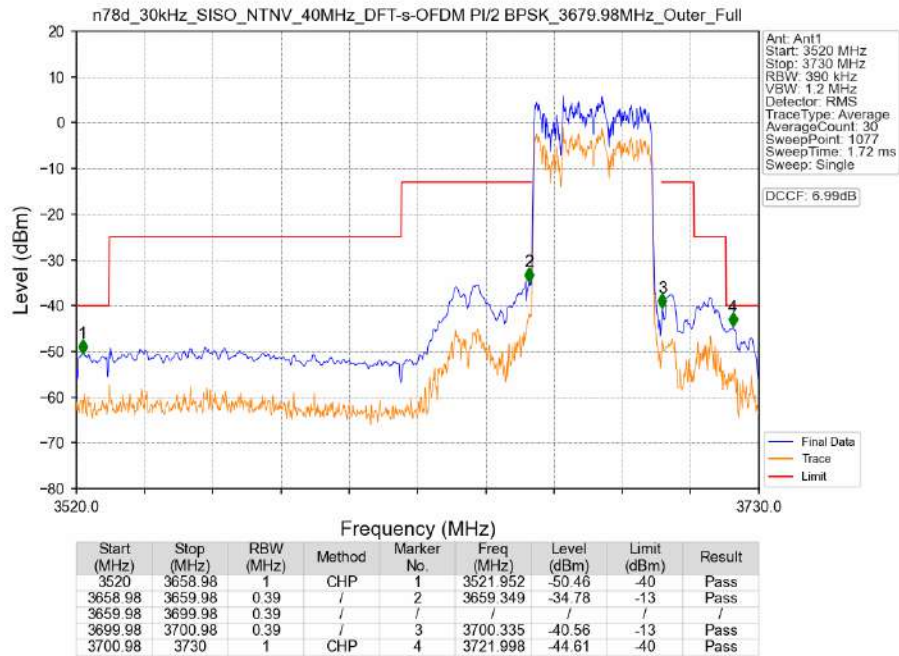
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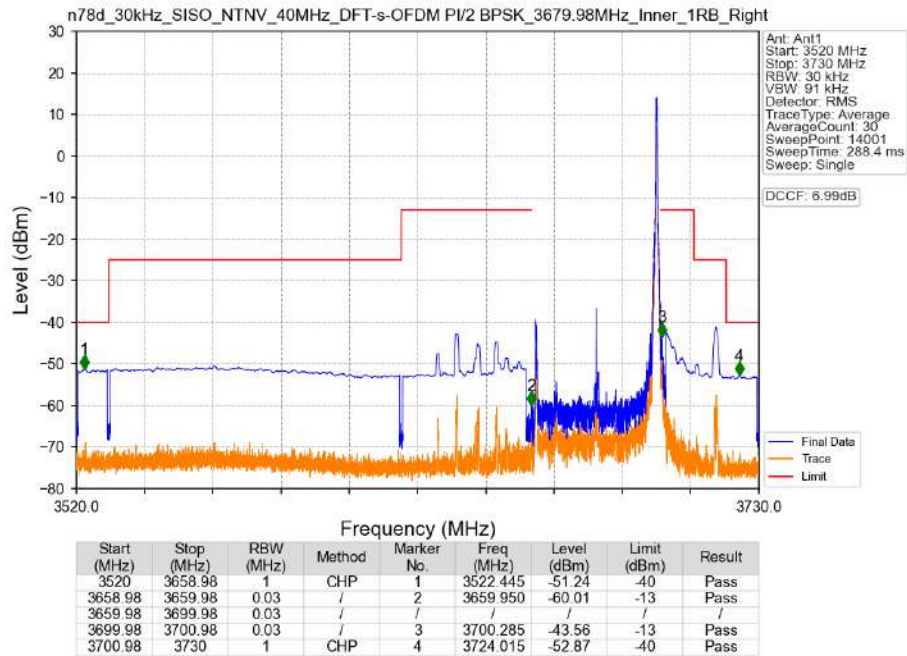
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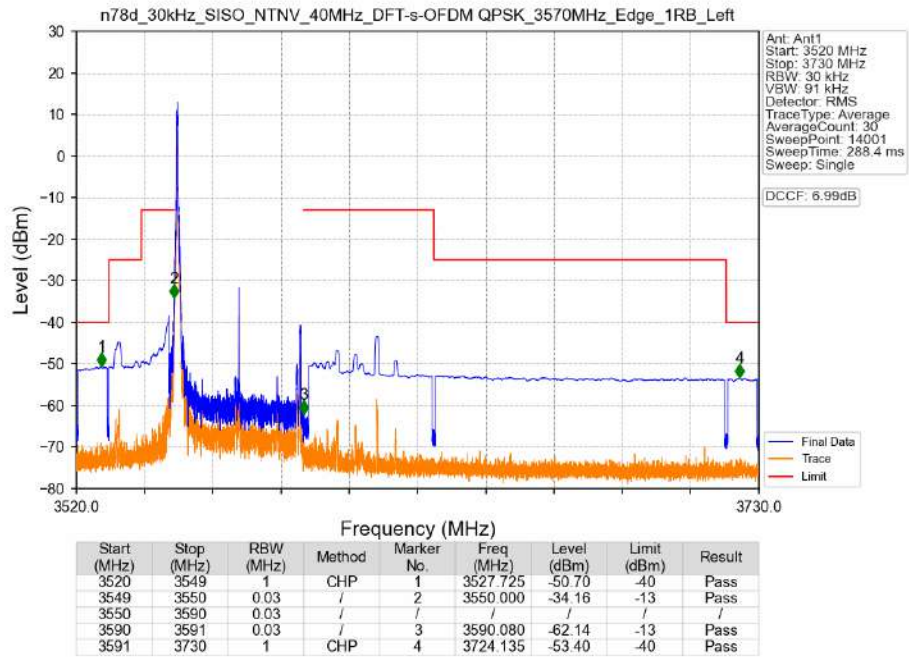
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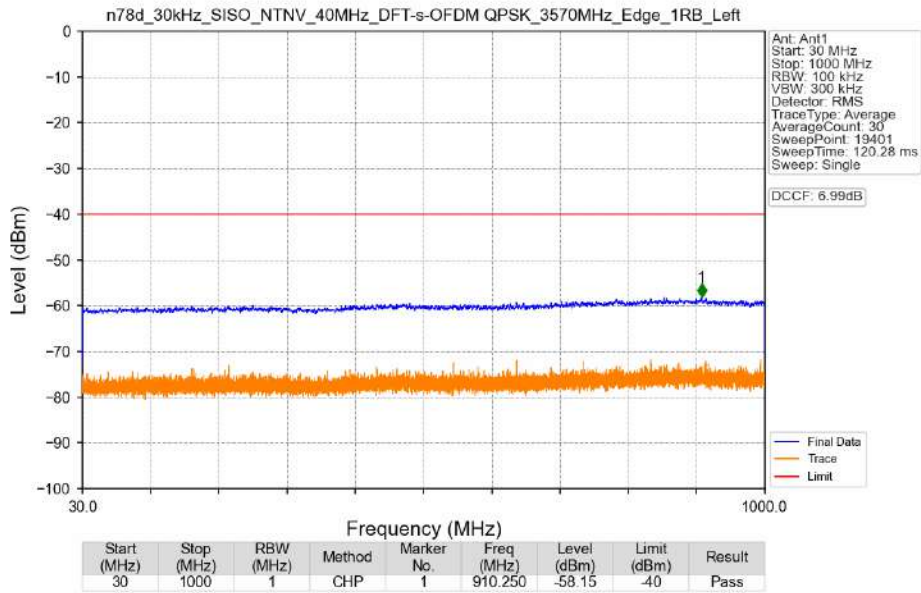
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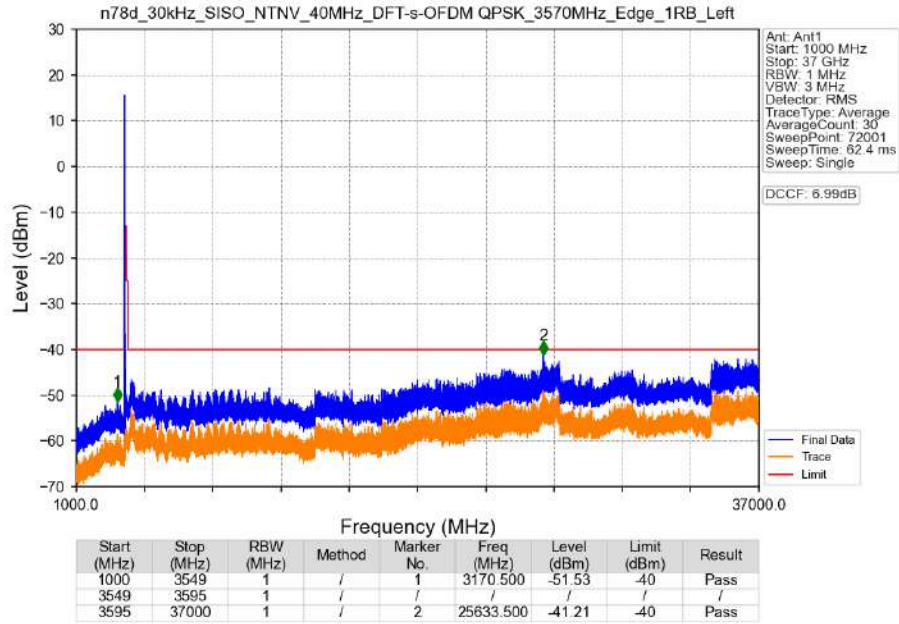
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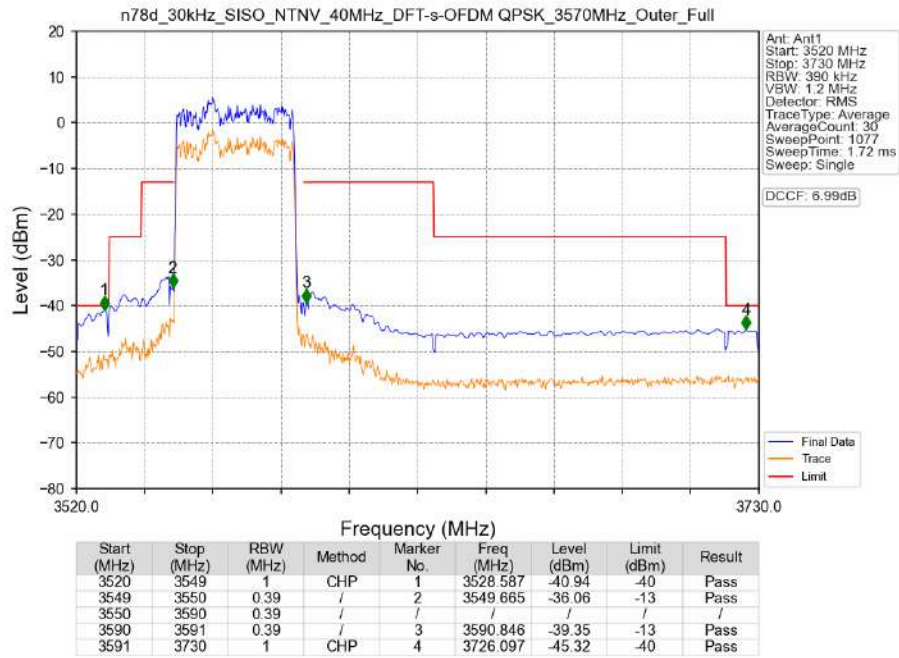
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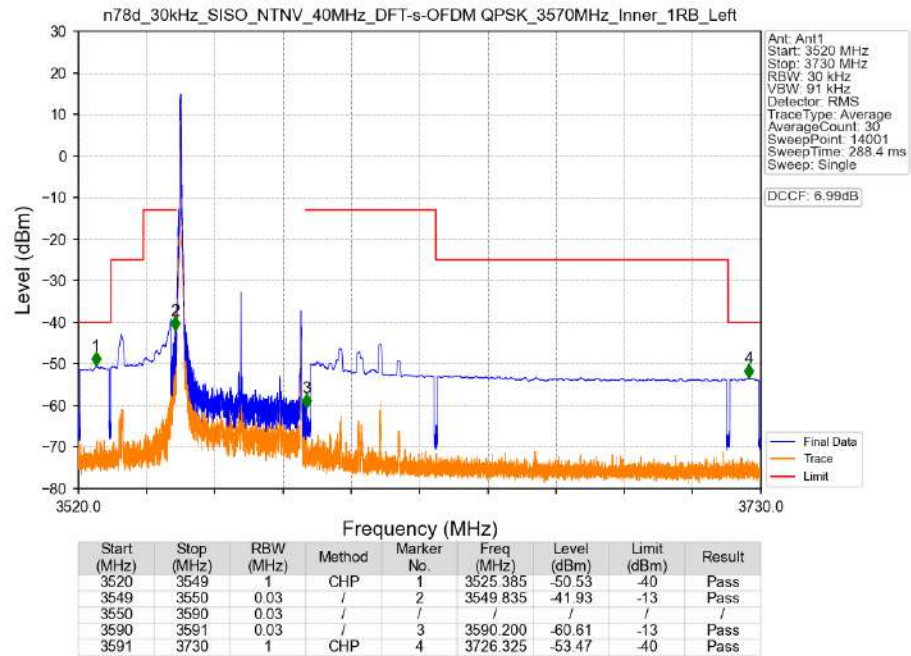
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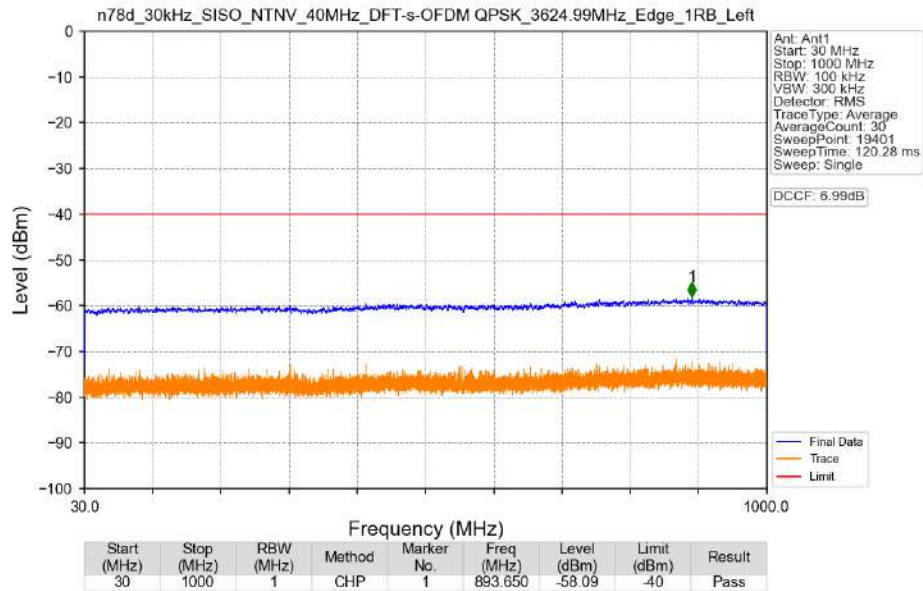
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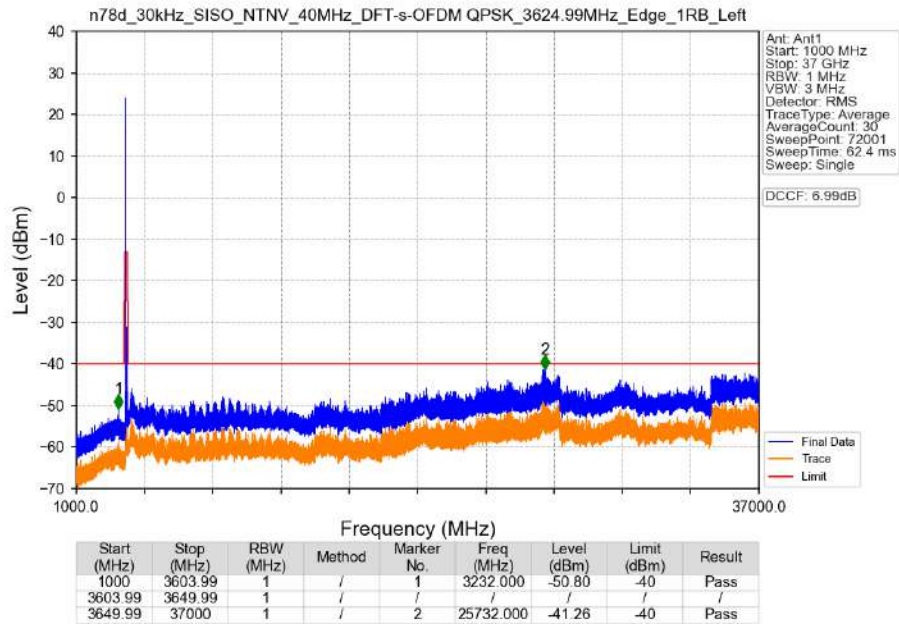
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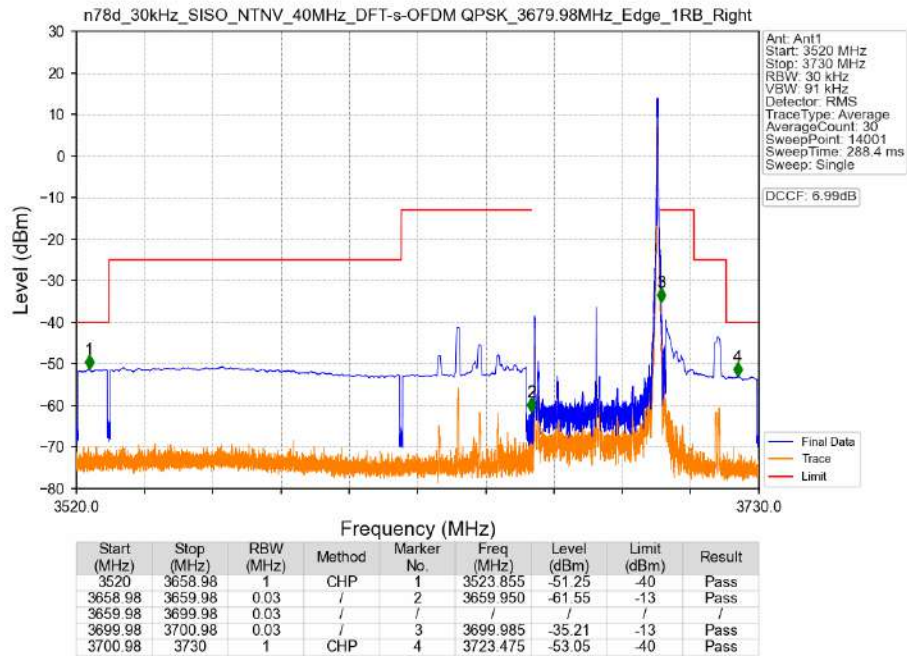
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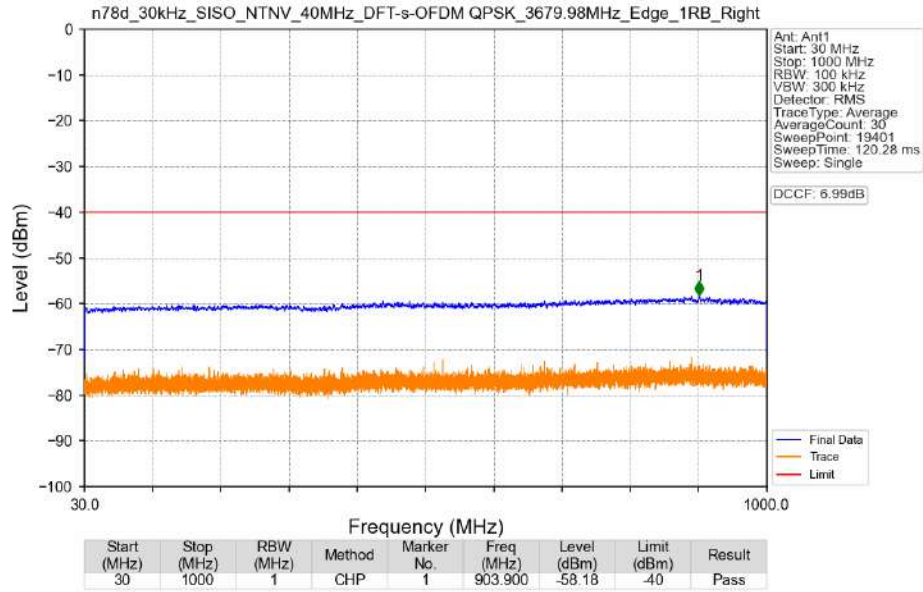
n78d 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3624.99MHz Edge 1RB Left



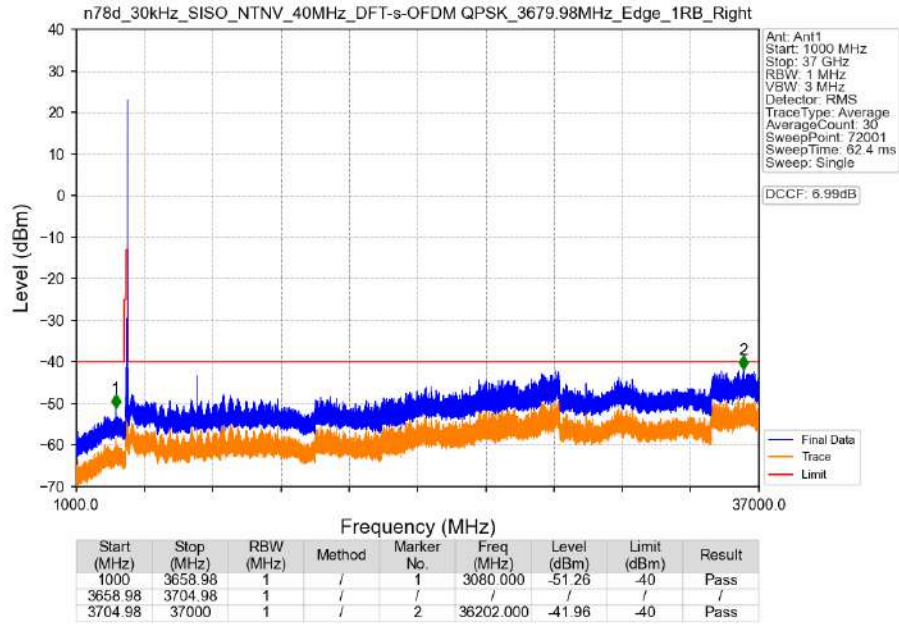
n78d 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3679.98MHz Edge 1RB Right



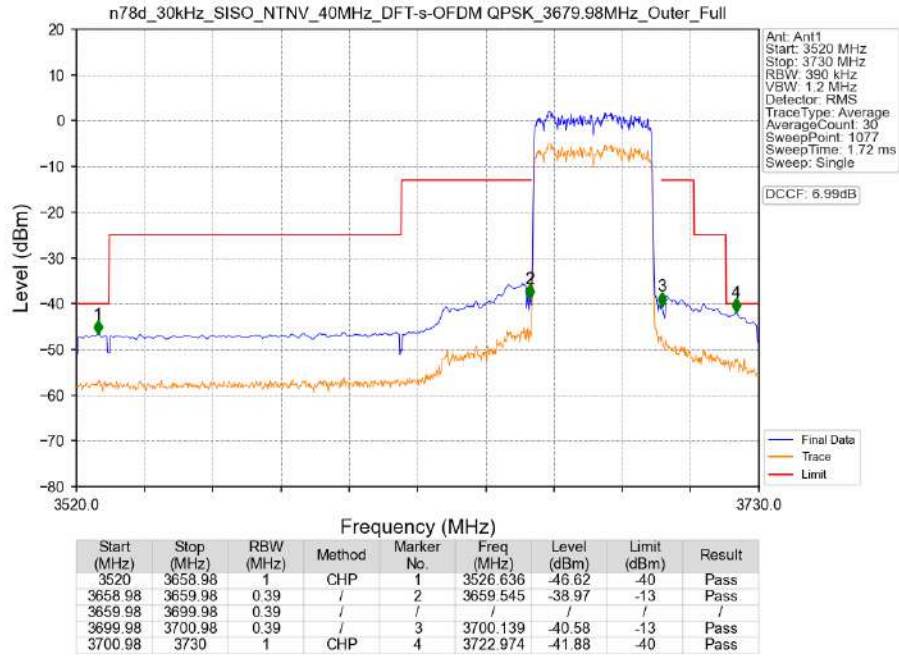
n78d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3679.98MHz_Edge_1RB_Right



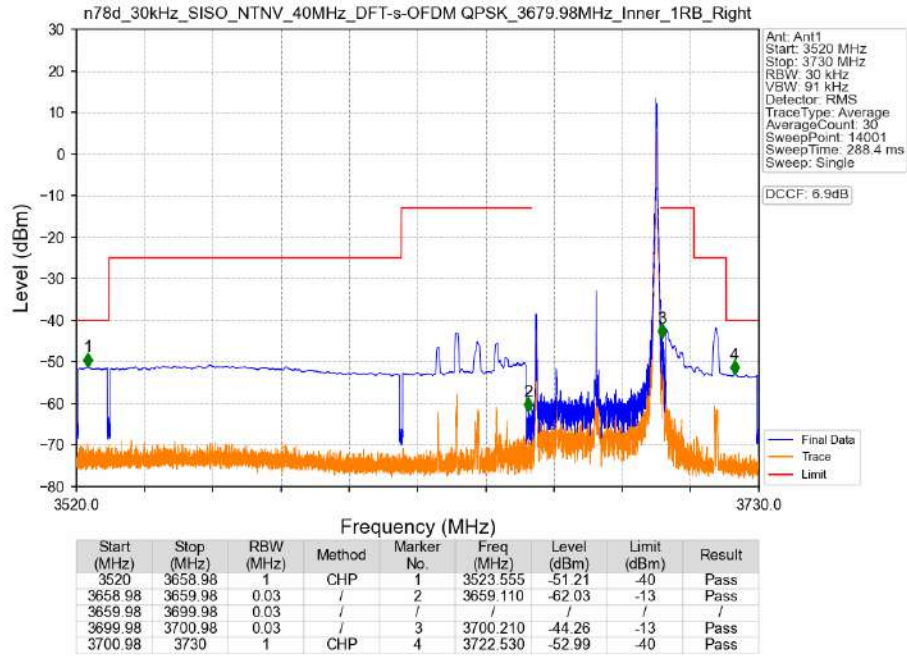
n78d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3679.98MHz_Edge_1RB_Right



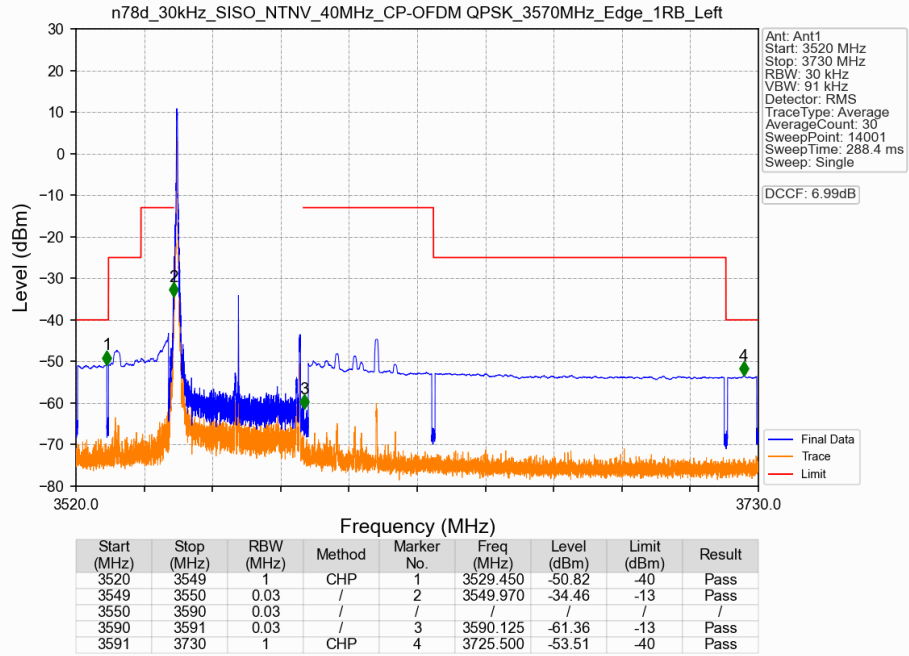
n78d 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3679.98MHz Outer Full



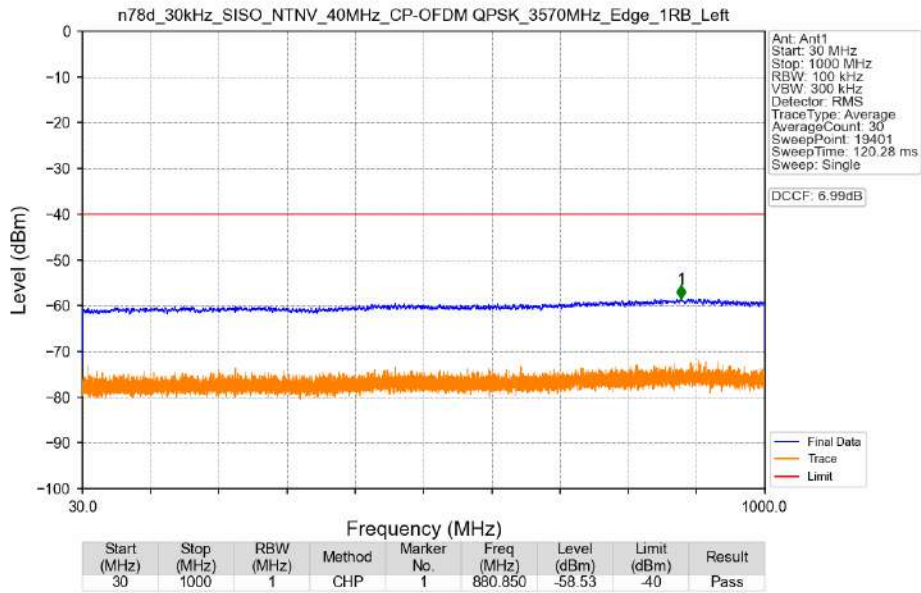
n78d 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3679.98MHz Inner 1RB Right



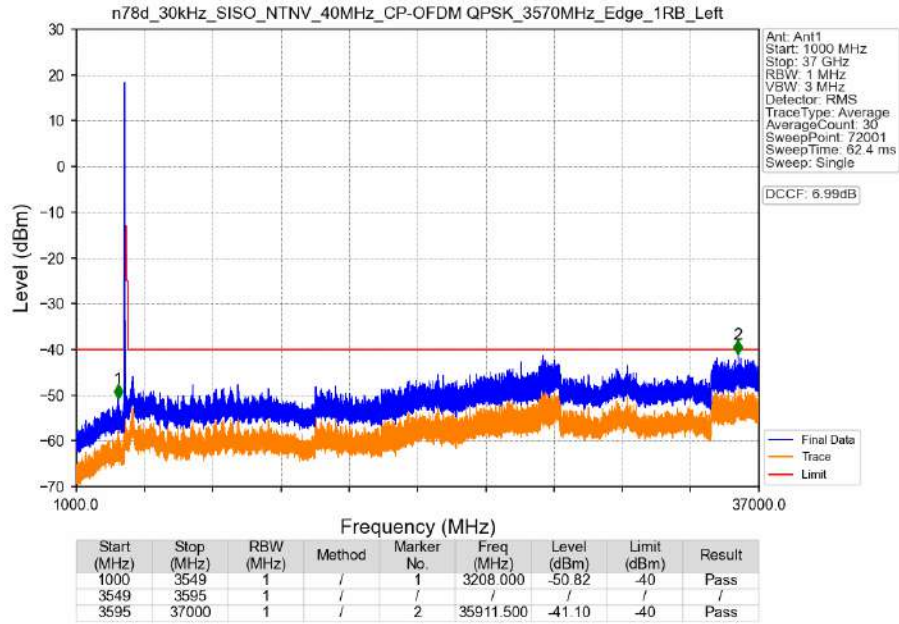
n78d 30kHz SISO NTN 40MHz CP-OFDM QPSK 3570MHz Edge 1RB Left



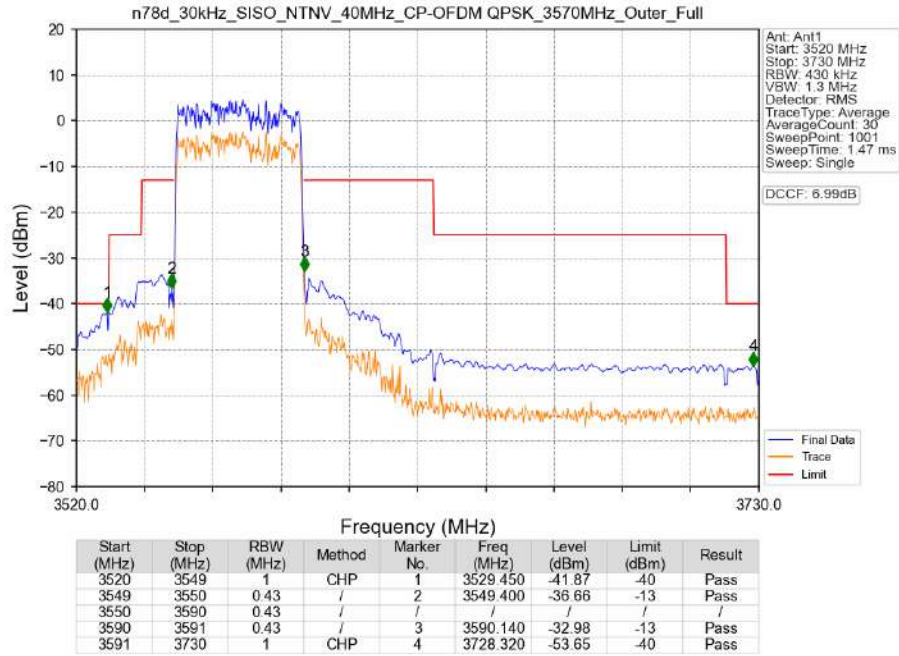
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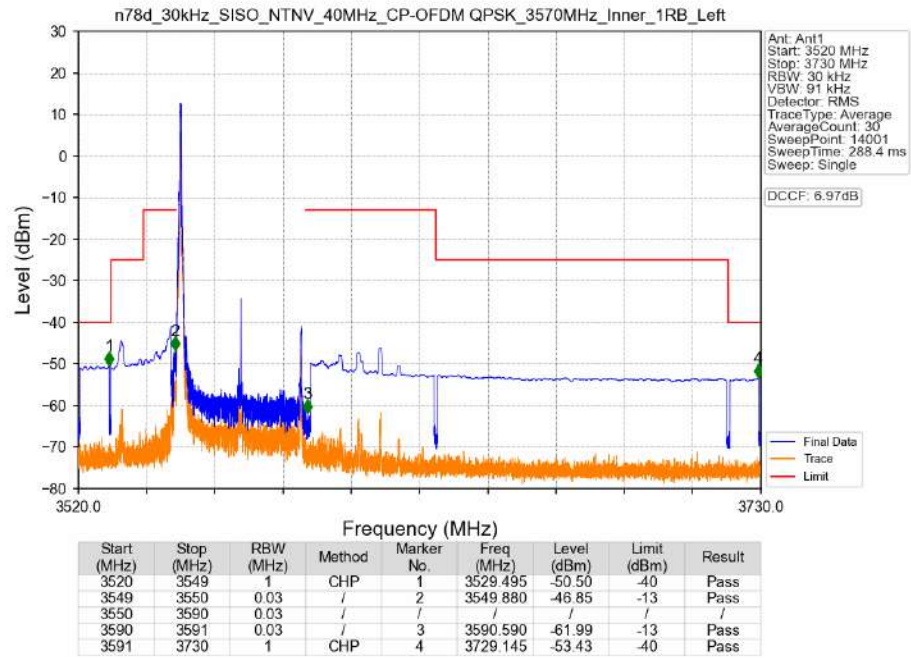
n78d 30kHz SISO NTN 40MHz CP-OFDM QPSK 3570MHz Edge 1RB Left



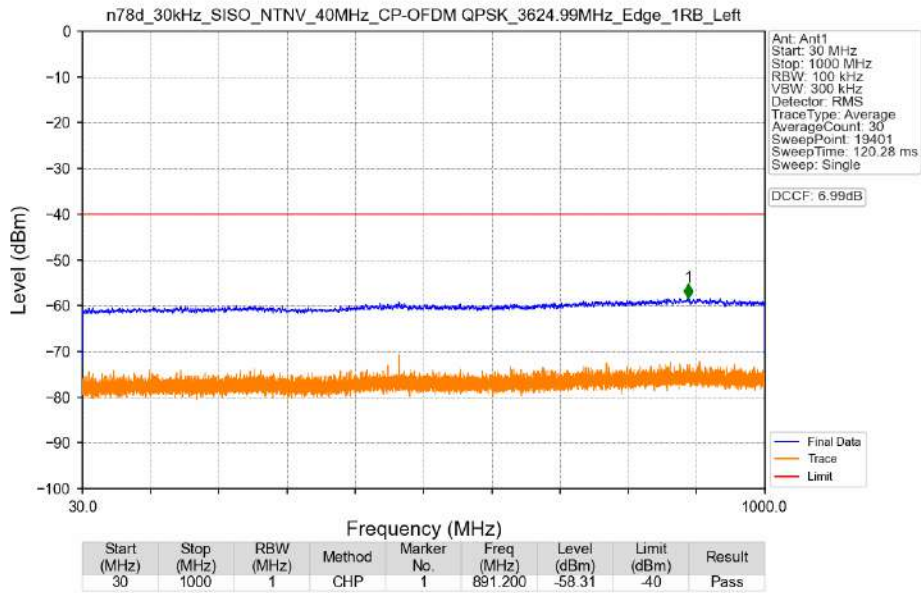
n78d 30kHz SISO NTN 40MHz CP-OFDM QPSK 3570MHz Outer Full



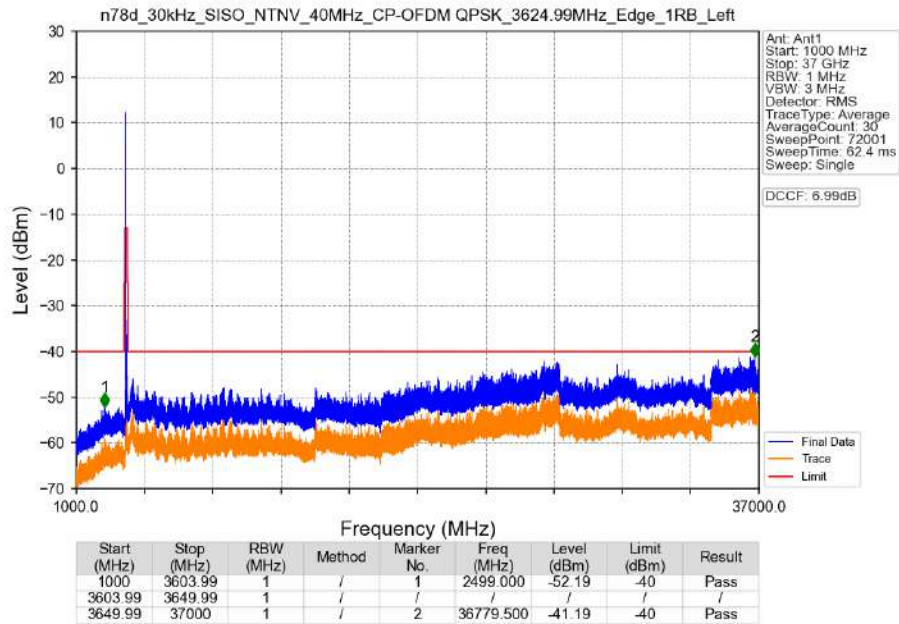
n78d 30kHz SISO NTN 40MHz CP-OFDM QPSK 3570MHz Inner 1RB Left



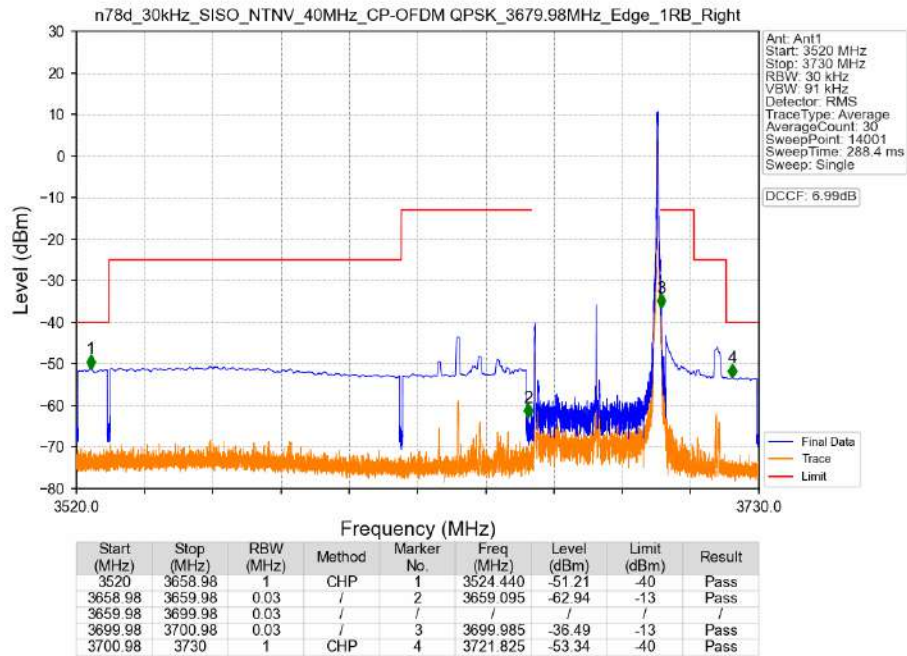
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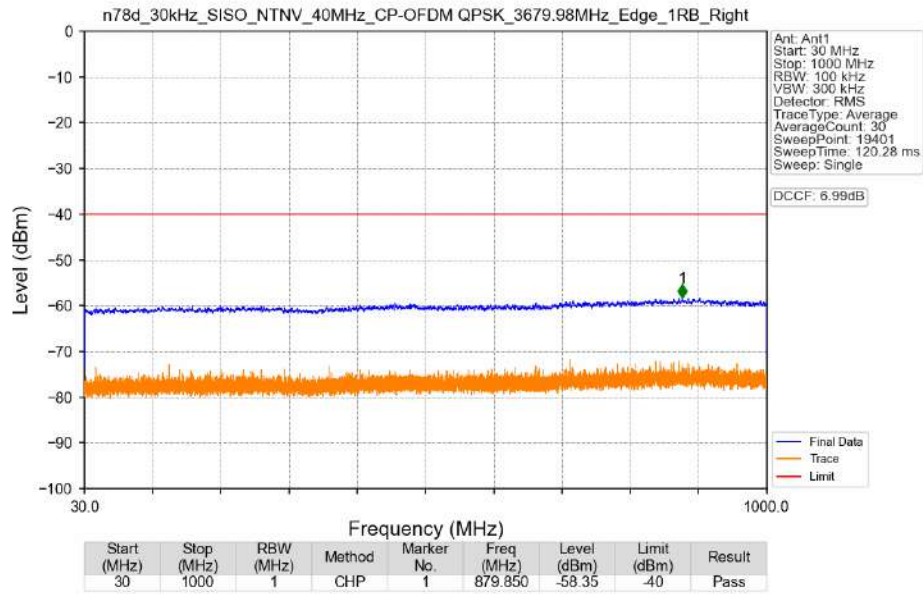
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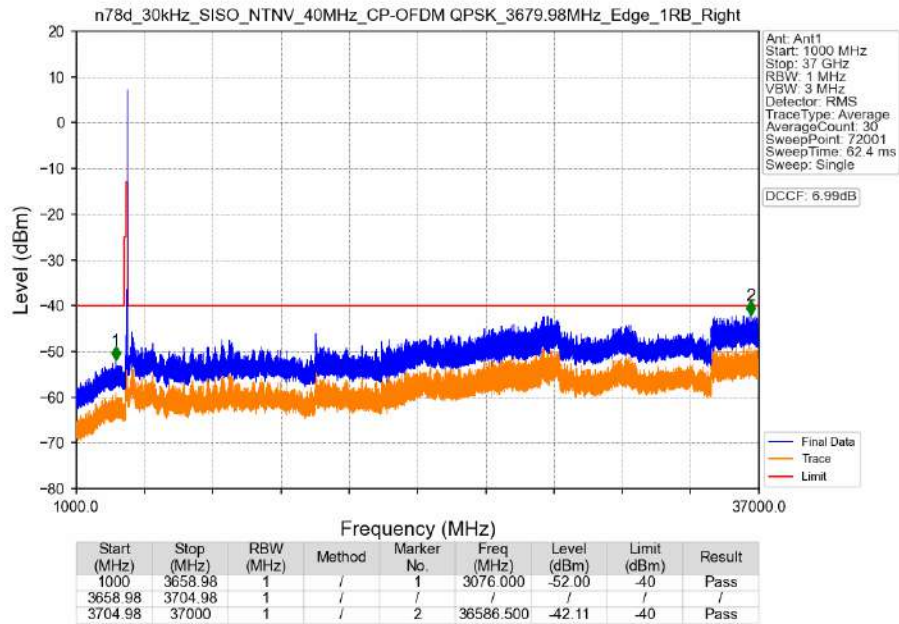
n78d 30kHz SISO NTN 40MHz CP-OFDM QPSK 3679.98MHz Edge 1RB Right



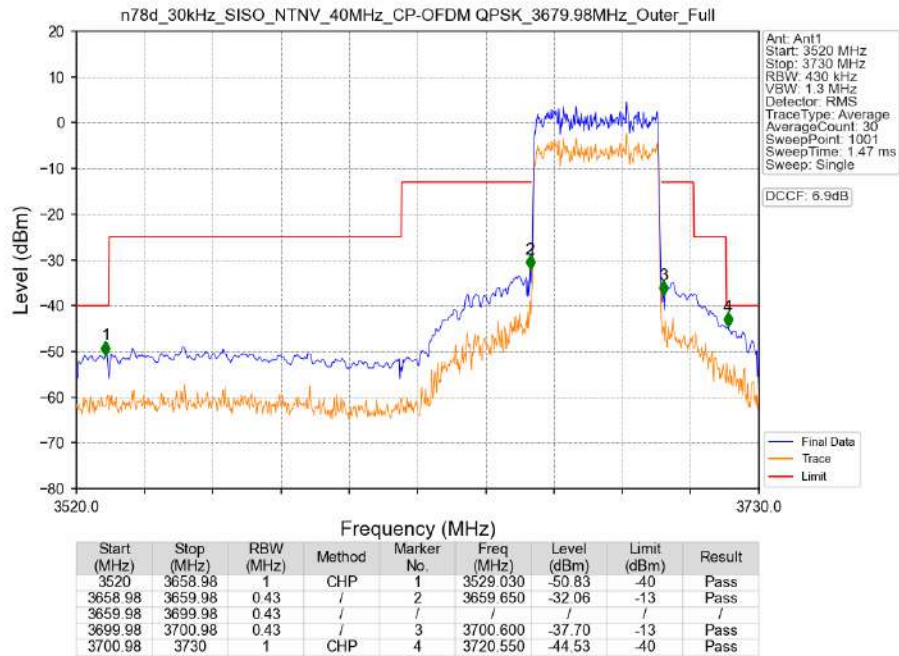
n78d 30kHz SISO NTV 40MHz CP-OFDM QPSK 3679.98MHz Edge 1RB Right



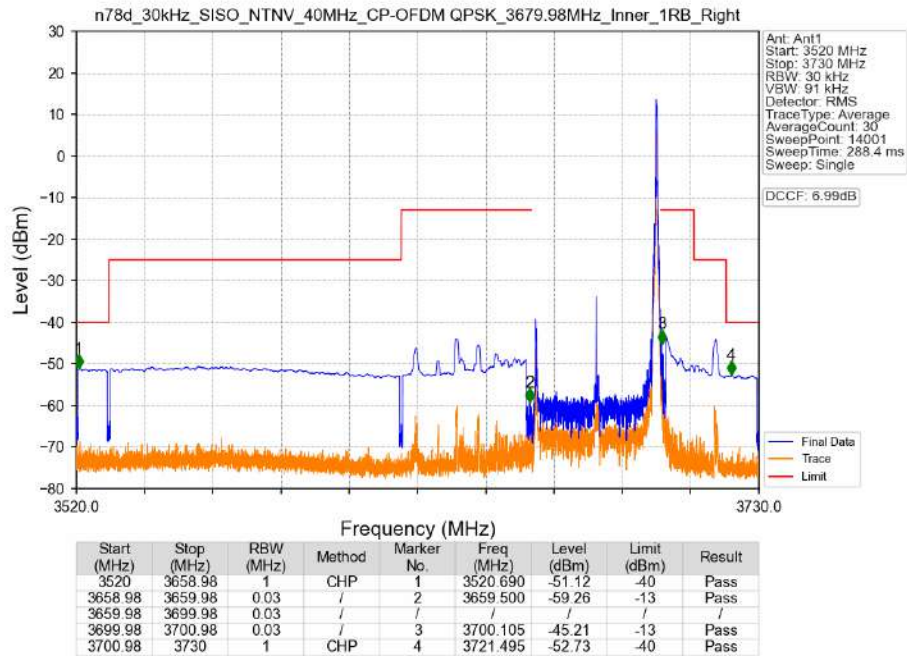
n78d 30kHz SISO NTV 40MHz CP-OFDM QPSK 3679.98MHz Edge 1RB Right



n78d 30kHz SISO NTN 40MHz CP-OFDM QPSK 3679.98MHz Outer Full



n78d 30kHz SISO NTN 40MHz CP-OFDM QPSK 3679.98MHz Inner 1RB Right



5.4 30k_SISO_50MHz_NTNV

5.4.1 Test Result

5G NR n78d SCS=30kHz SISO 50MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant1	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3575.01	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass	
		3675	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	3575.01	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left			Refer To Test Graph				Pass	
3624.99		Edge_1RB_Left	Refer To Test Graph				Pass	
		3675	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		3575.01	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	Inner_1RB_Left		Refer To Test Graph				Pass	
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass	
		3675	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	Inner_1RB_Right		Refer To Test Graph				Pass	