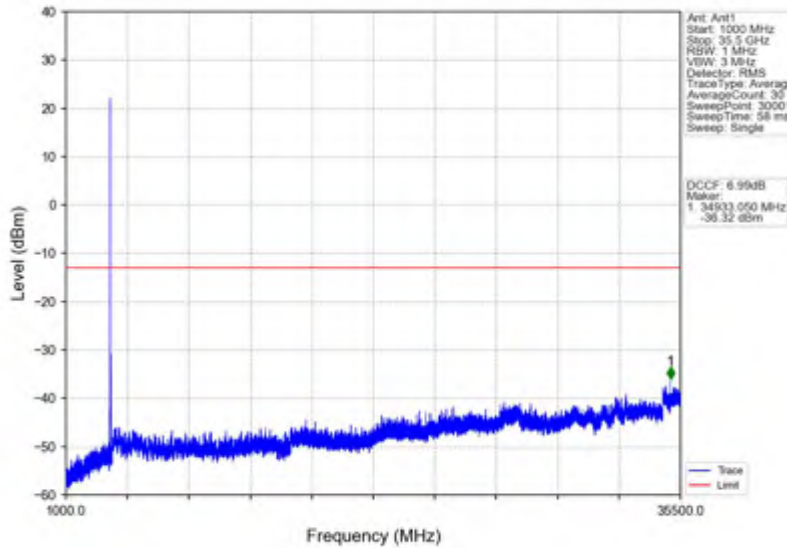
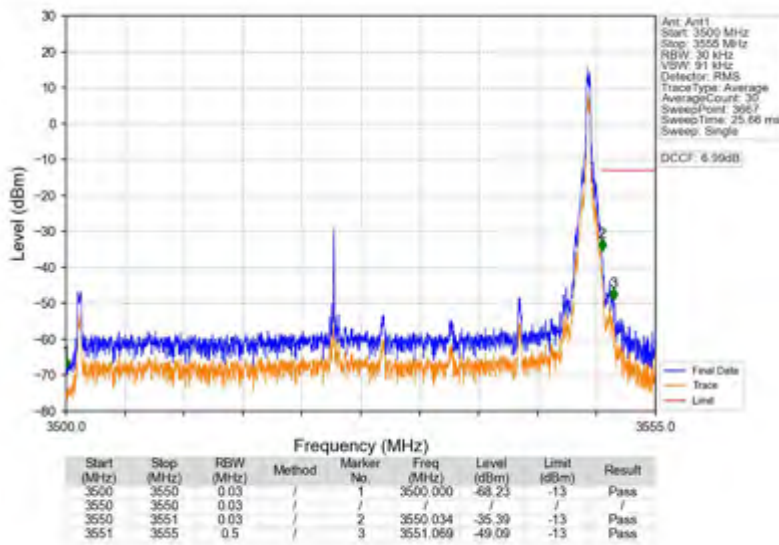


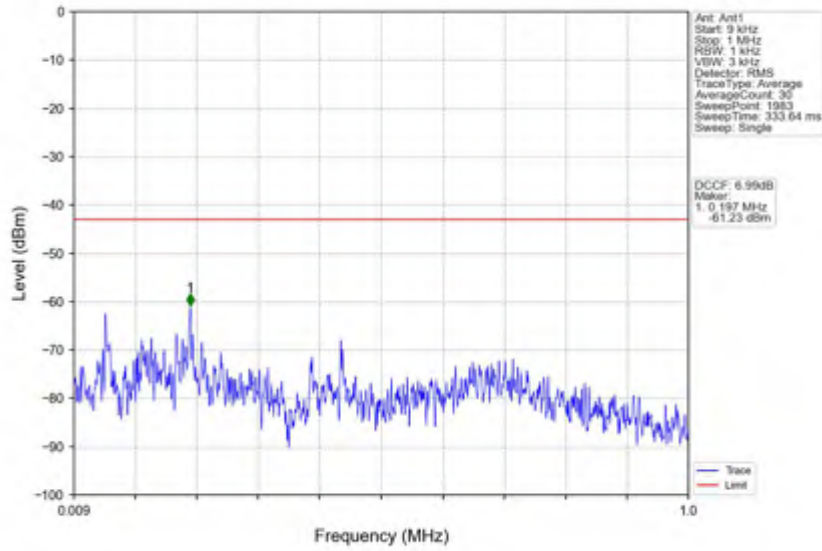
n78(3450-3550MHz) 30kHz SISO_NTNV_50MHz DFT-s-OFDM PI/2 BPSK 3500.01MHz Edge 1RB Left



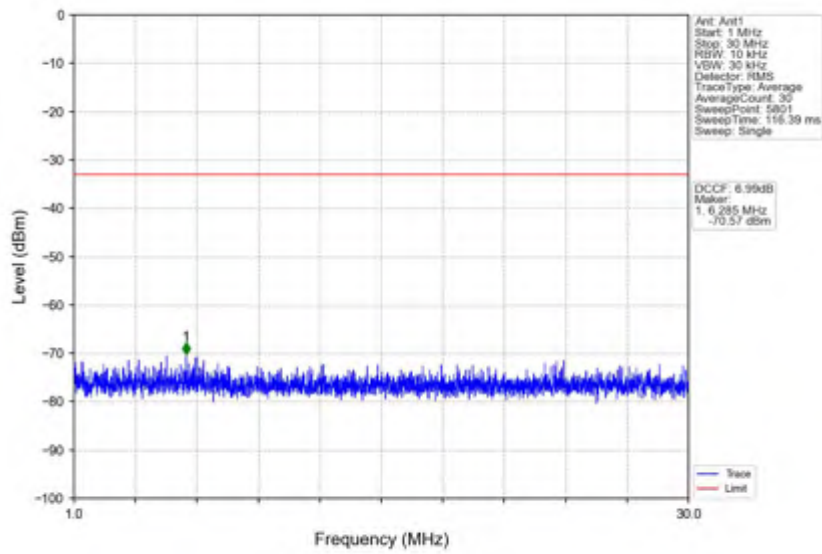
n78(3450-3550MHz) 30kHz SISO_NTNV_50MHz DFT-s-OFDM PI/2 BPSK 3525MHz Edge 1RB Right



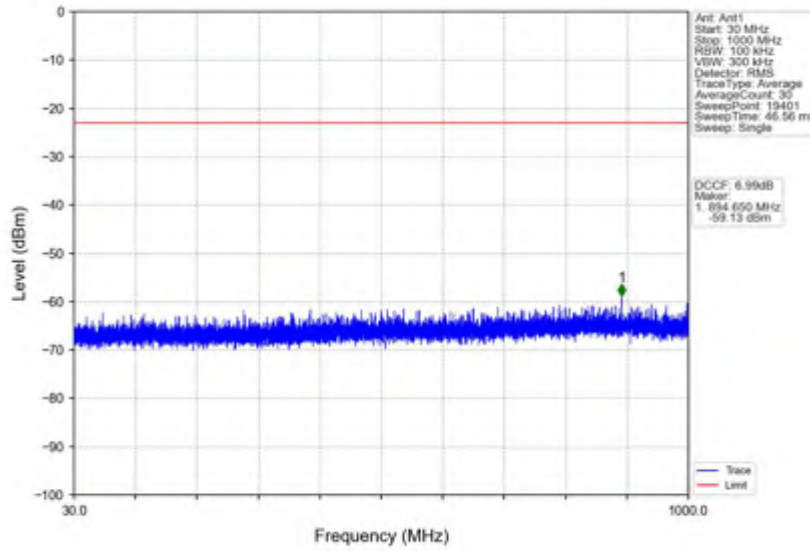
n78(3450-3550MHz) 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3525MHz Edge 1RB Right



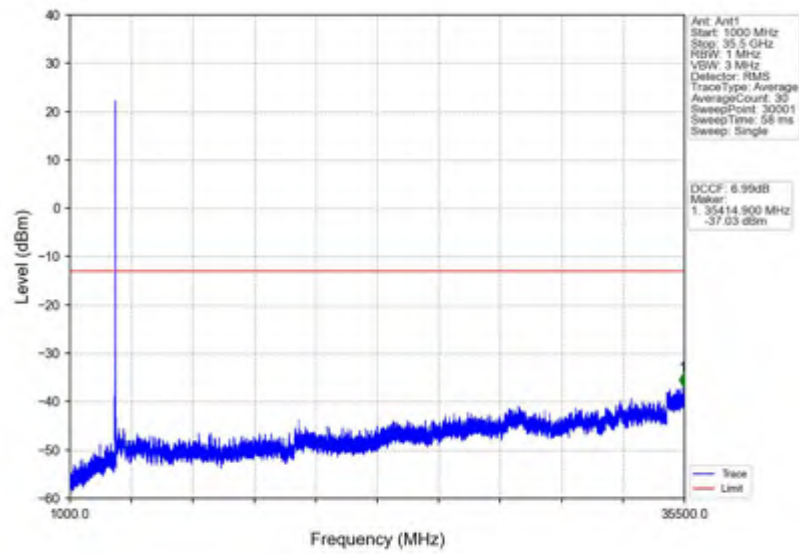
n78(3450-3550MHz) 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3525MHz Edge 1RB Right



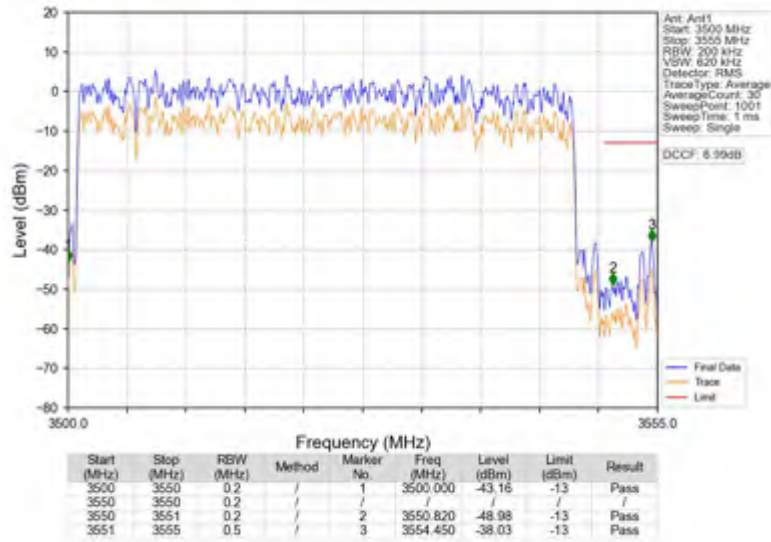
n78(3450-3550MHz) 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3525MHz Edge 1RB Right



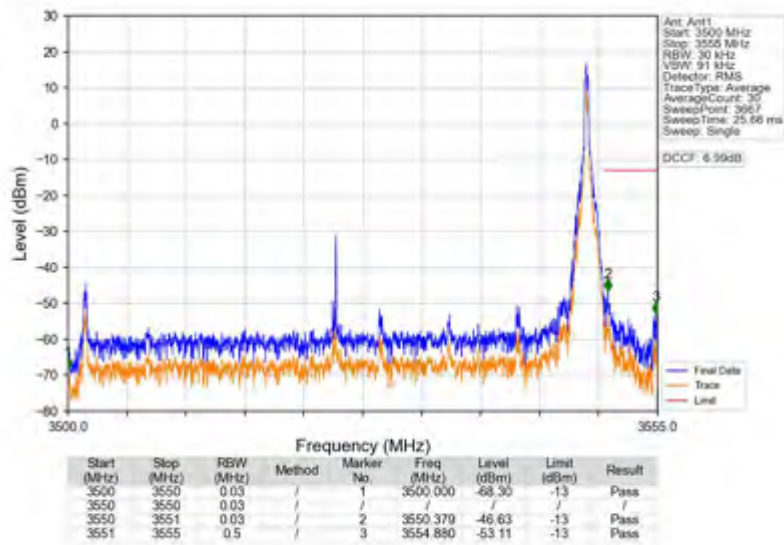
n78(3450-3550MHz) 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3525MHz Edge 1RB Right



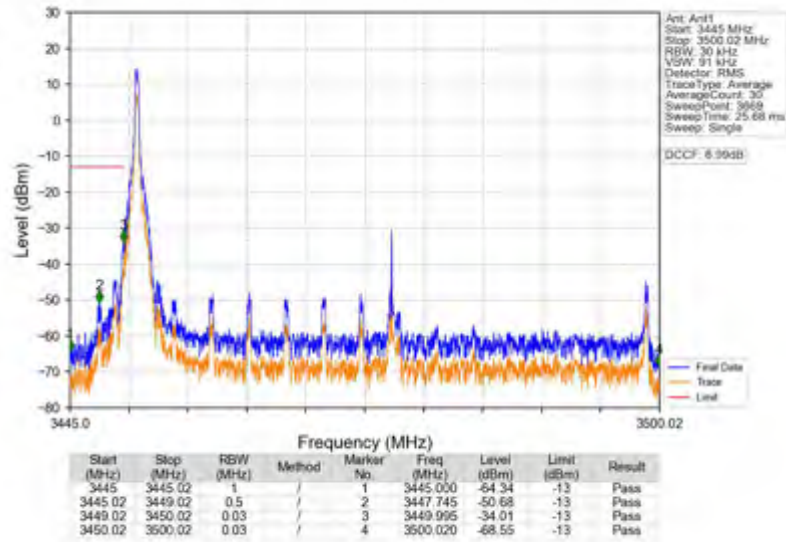
n78(3450-3550MHz) 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3525MHz Outer Full



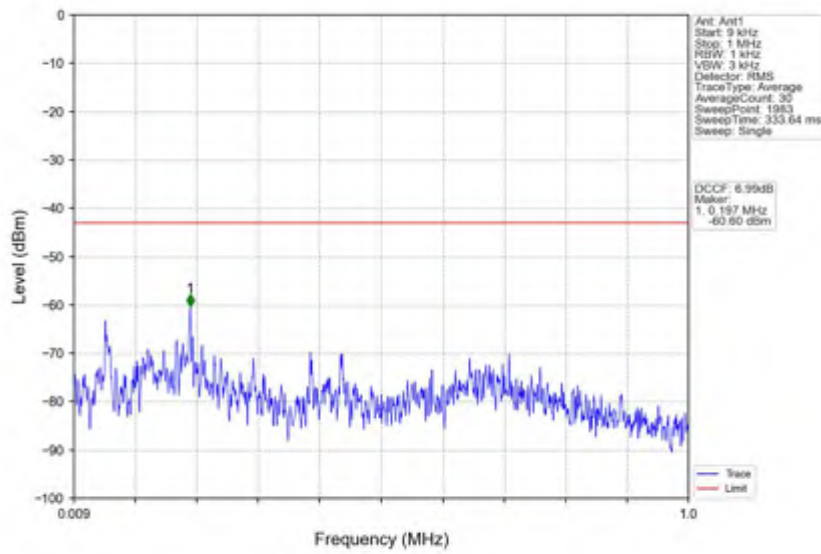
n78(3450-3550MHz) 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3525MHz Inner 1RB Right



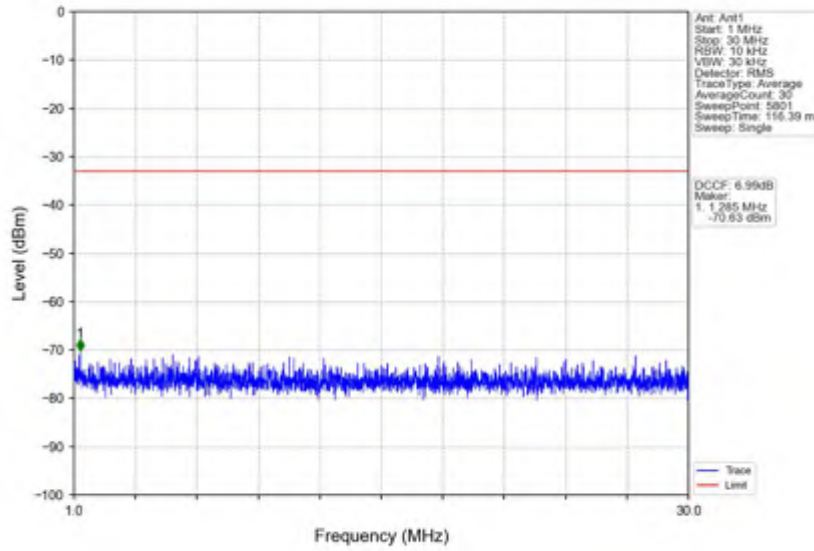
n78(3450-3550MHz) 30kHz SISO NTVN 50MHz DFT-s-OFDM QPSK 3475.02MHz Edge 1RB Left



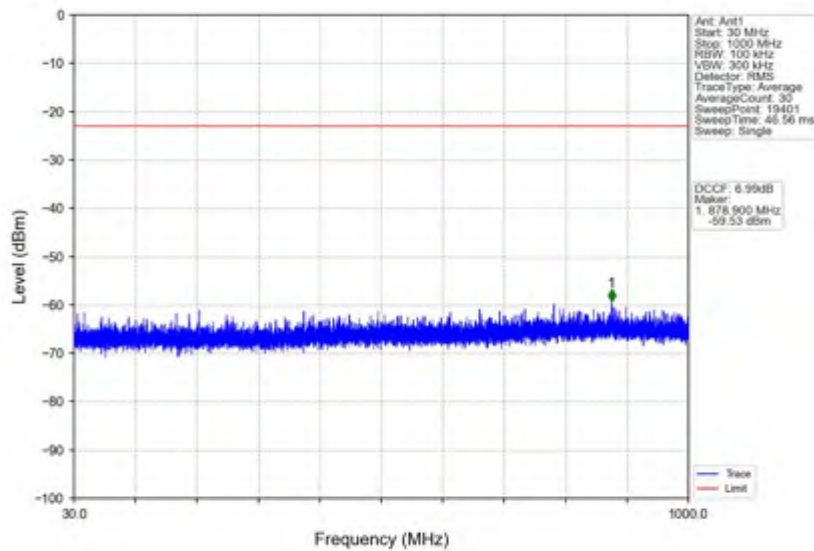
n78(3450-3550MHz) 30kHz SISO NTVN 50MHz DFT-s-OFDM QPSK 3475.02MHz Edge 1RB Left



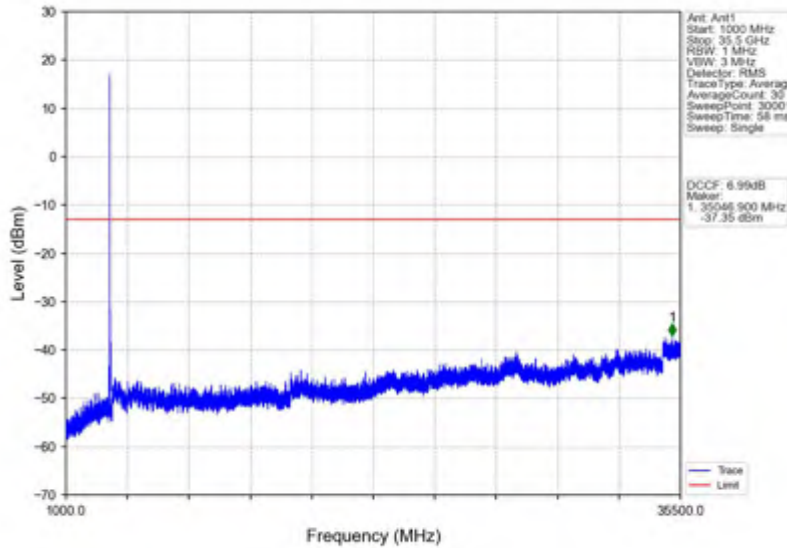
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3475.02MHz_Edge_1RB_Left



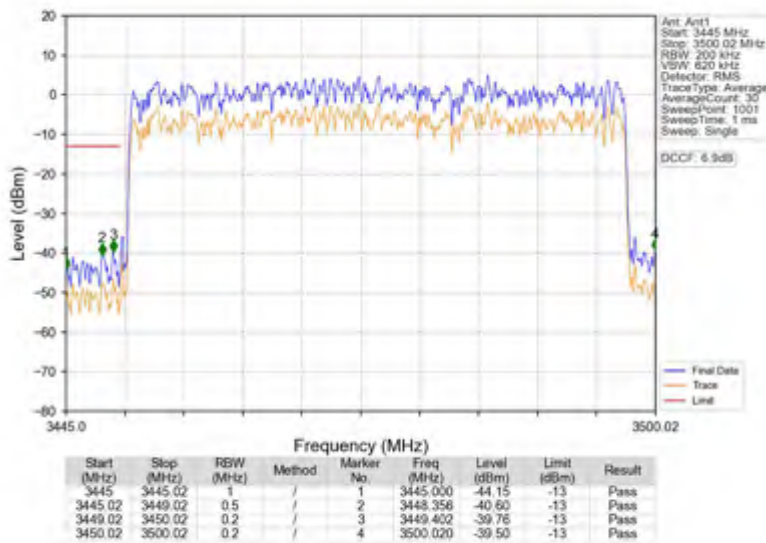
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3475.02MHz_Edge_1RB_Left



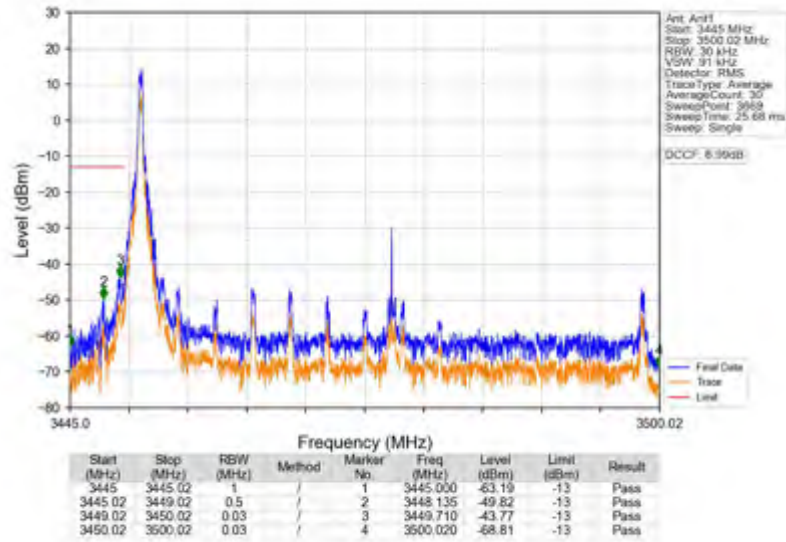
n78(3450-3550MHz) 30kHz SISO NTVN 50MHz DFT-s-OFDM QPSK 3475.02MHz Edge 1RB Left



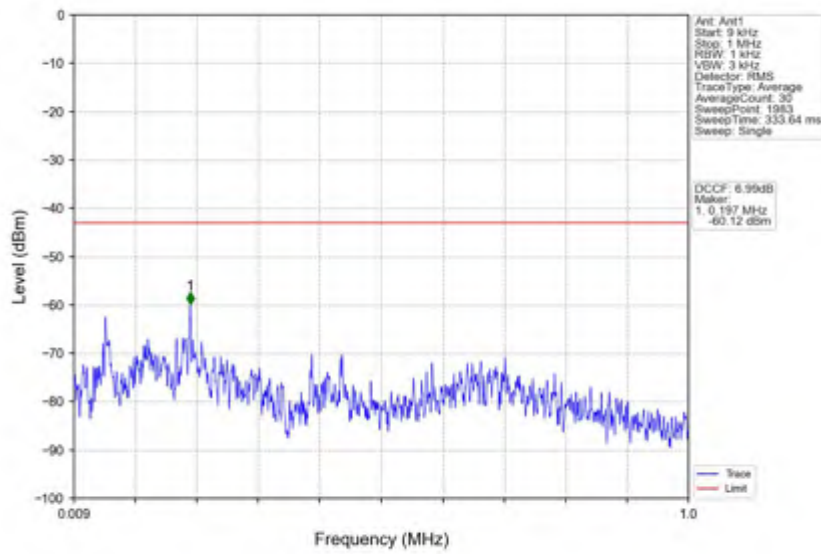
n78(3450-3550MHz) 30kHz SISO NTVN 50MHz DFT-s-OFDM QPSK 3475.02MHz Outer Full



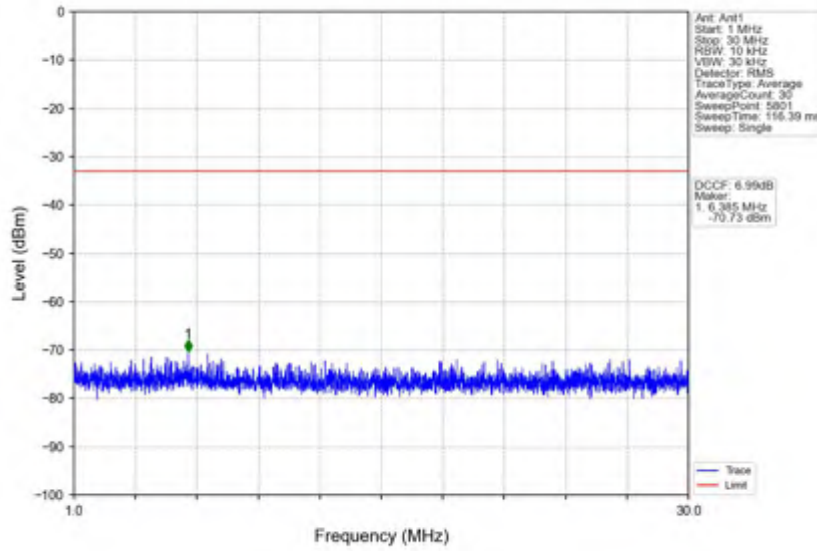
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3475.02MHz_Inner_1RB_Left



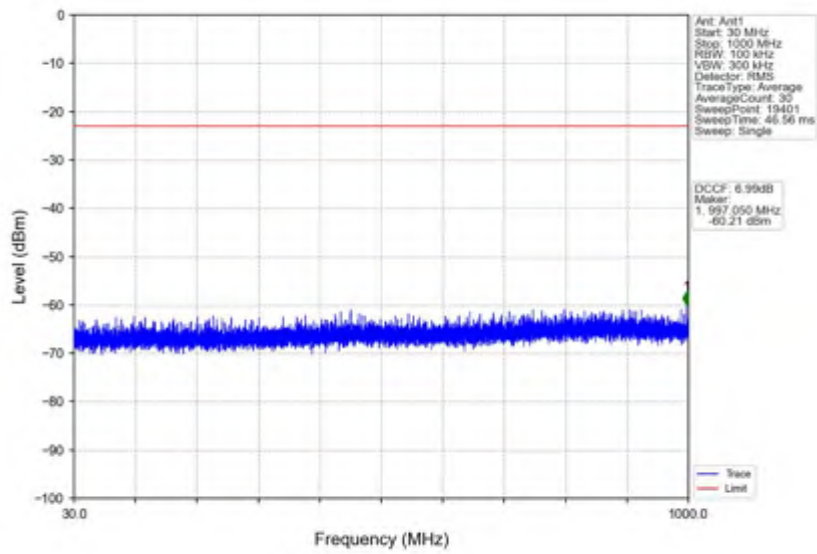
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



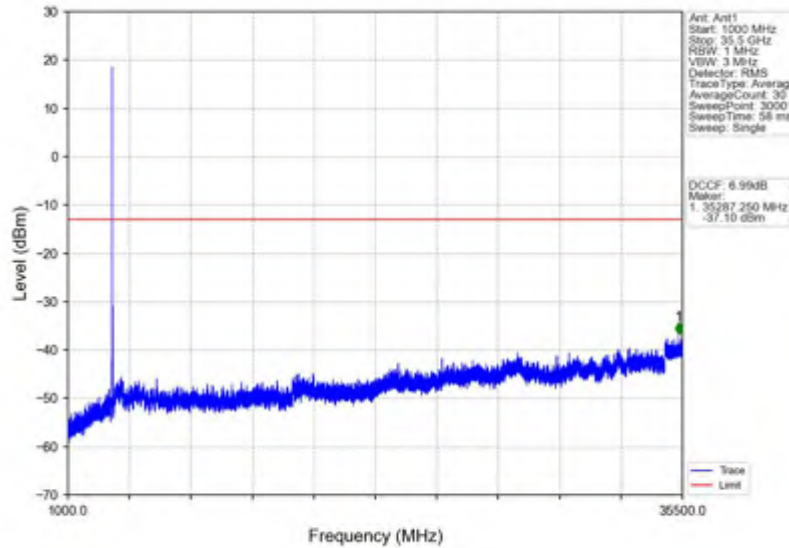
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



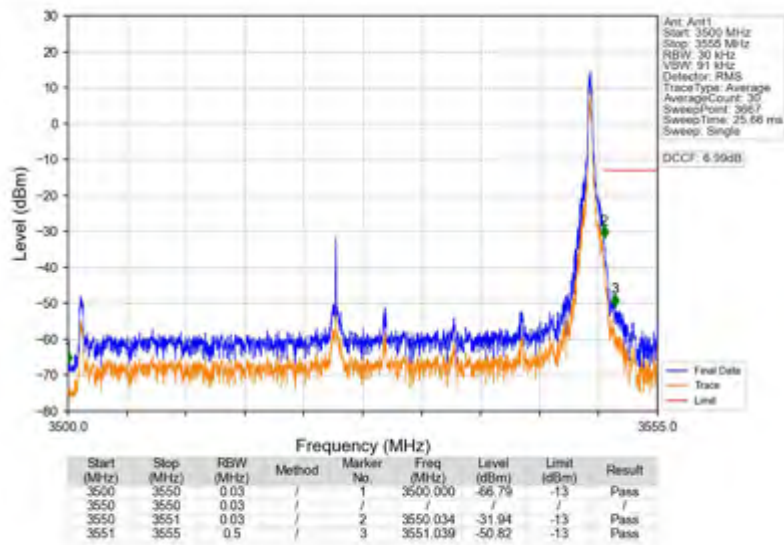
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



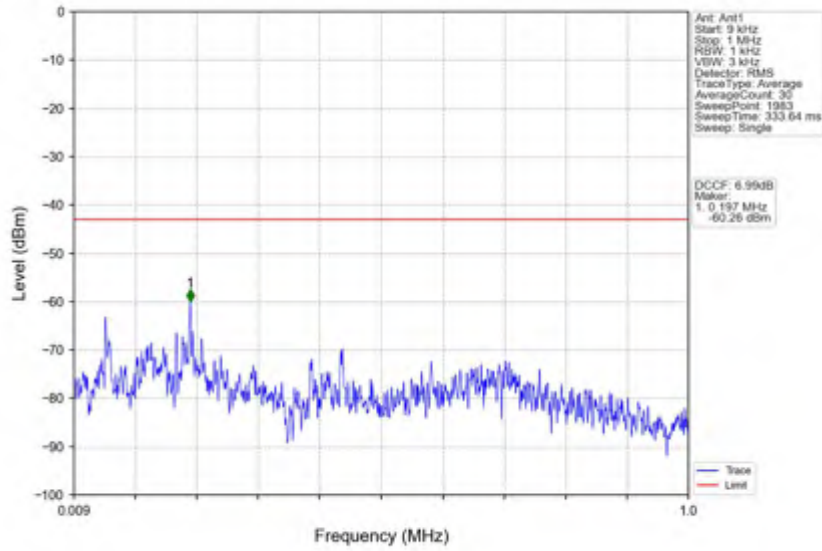
n78(3450-3550MHz) 30kHz SISO NTVN 50MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



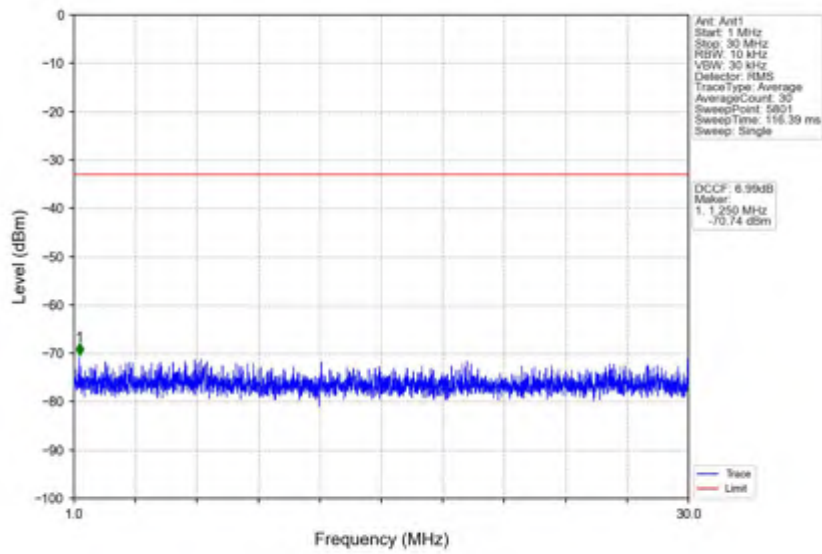
n78(3450-3550MHz) 30kHz SISO NTVN 50MHz DFT-s-OFDM QPSK 3525MHz Edge 1RB Right



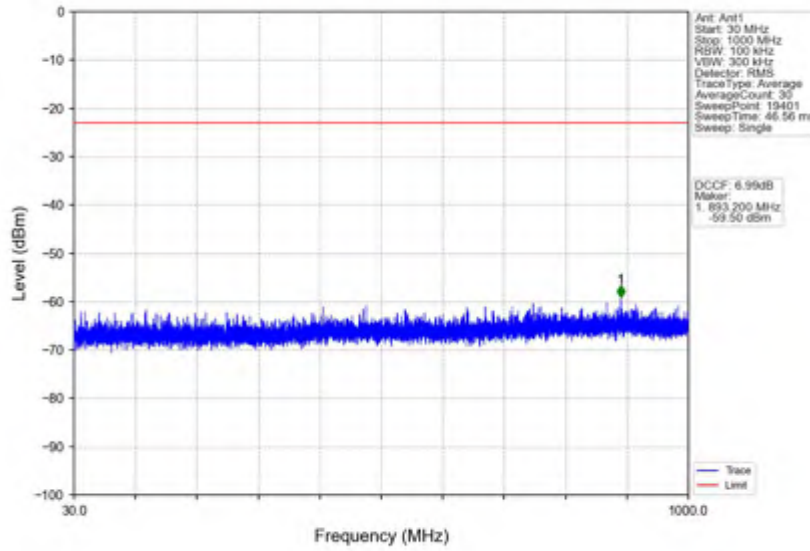
n78(3450-3550MHz) 30kHz SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3525MHz_Edge_1RB_Right



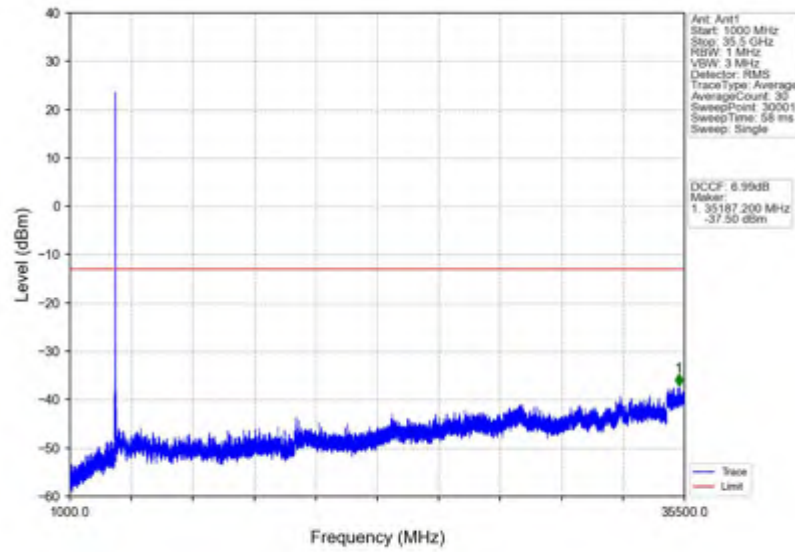
n78(3450-3550MHz) 30kHz SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3525MHz_Edge_1RB_Right



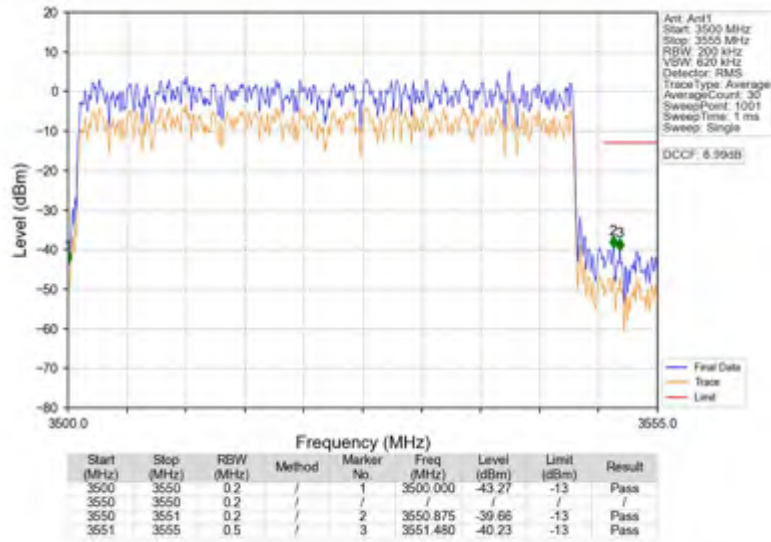
n78(3450-3550MHz) 30kHz SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3525MHz_Edge_1RB_Right



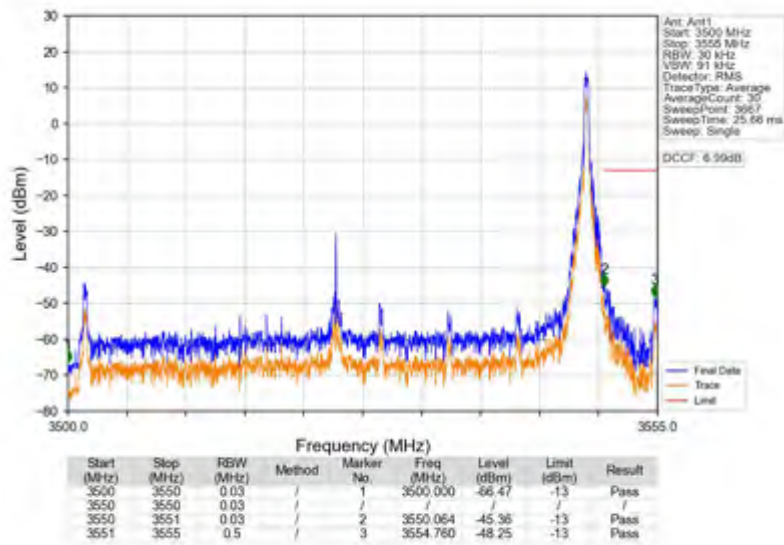
n78(3450-3550MHz) 30kHz SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3525MHz_Edge_1RB_Right



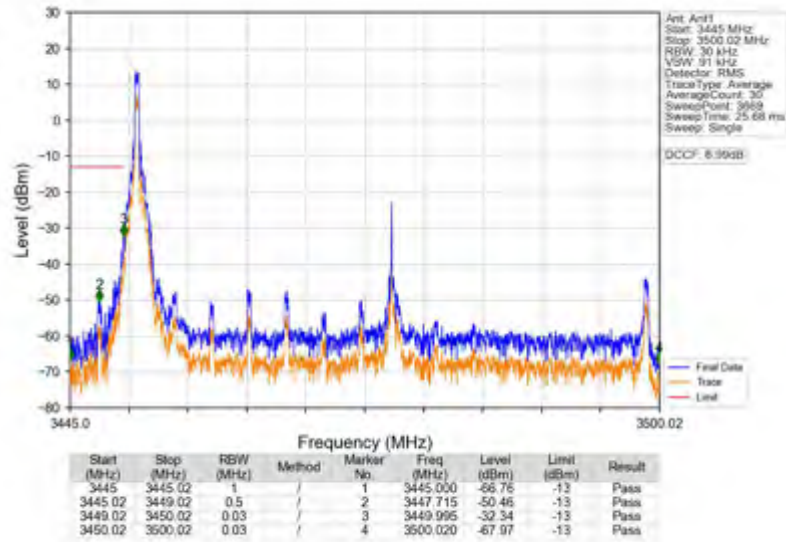
n78(3450-3550MHz) 30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3525MHz_Outer_Full



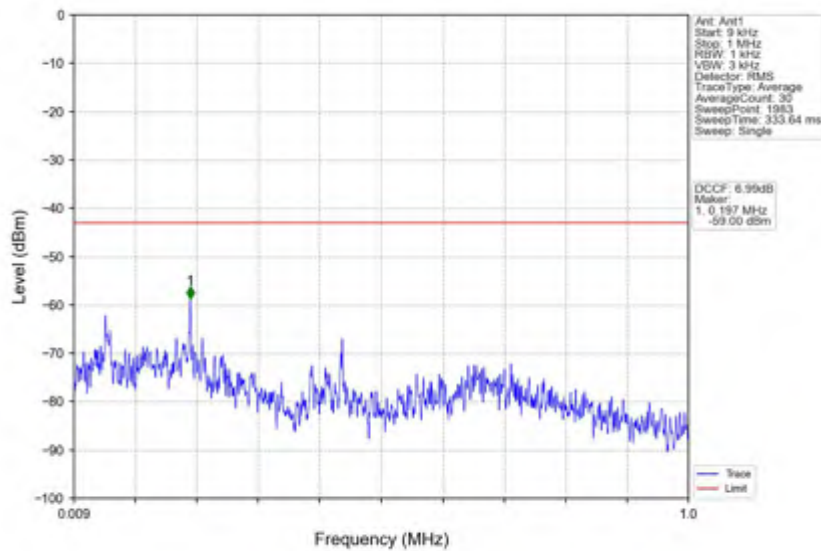
n78(3450-3550MHz) 30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3525MHz_Inner_1RB_Right



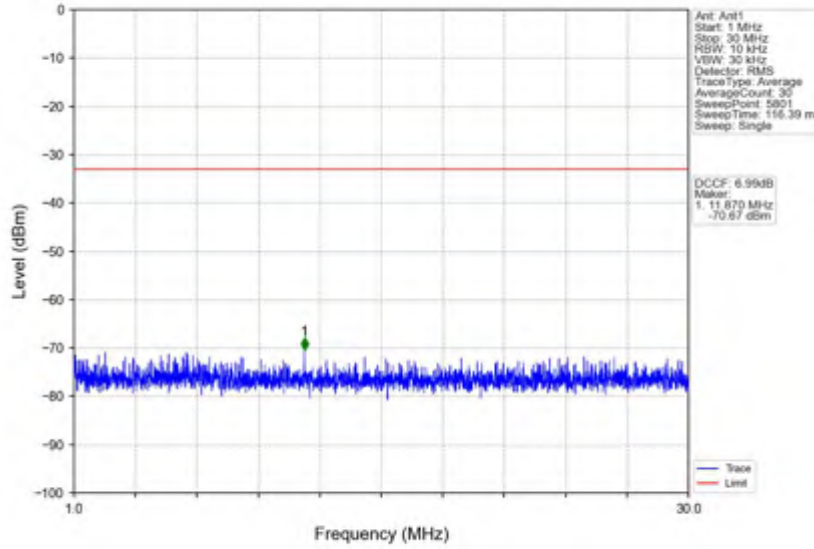
n78(3450-3550MHz) 30kHz SISO NTN 50MHz CP-OFDM QPSK 3475.02MHz Edge 1RB Left



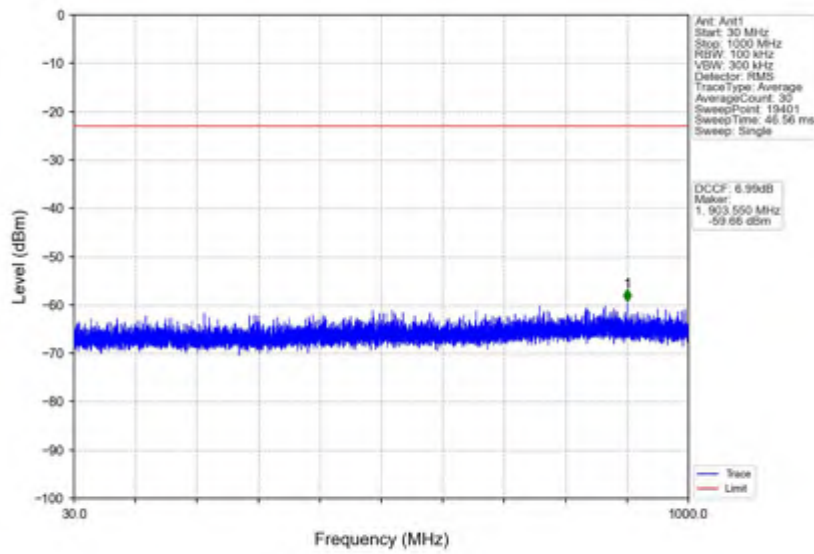
n78(3450-3550MHz) 30kHz SISO NTN 50MHz CP-OFDM QPSK 3475.02MHz Edge 1RB Left



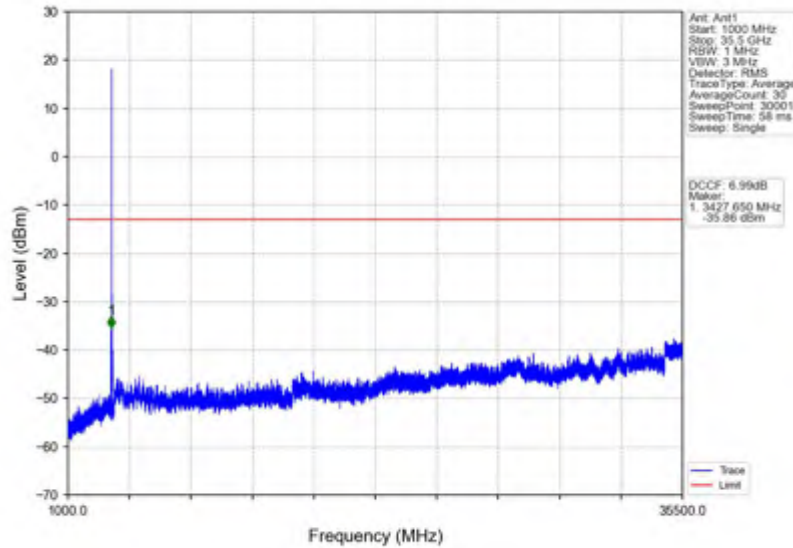
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3475.02MHz_Edge_1RB_Left



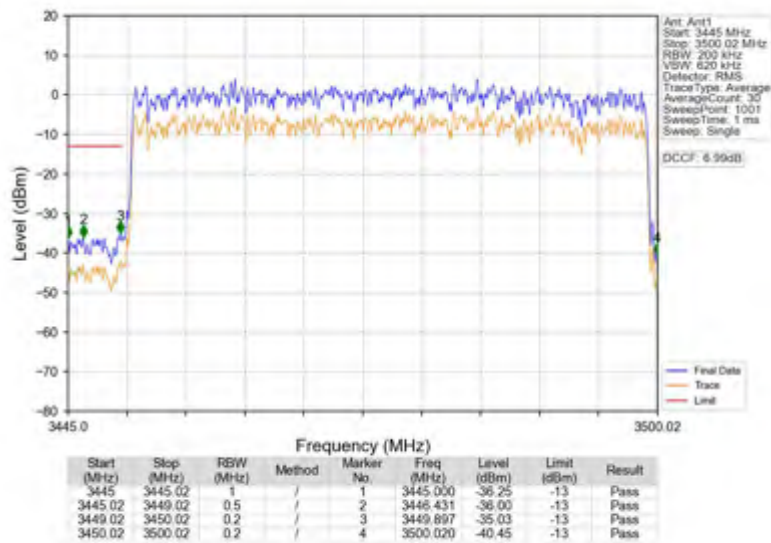
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3475.02MHz_Edge_1RB_Left



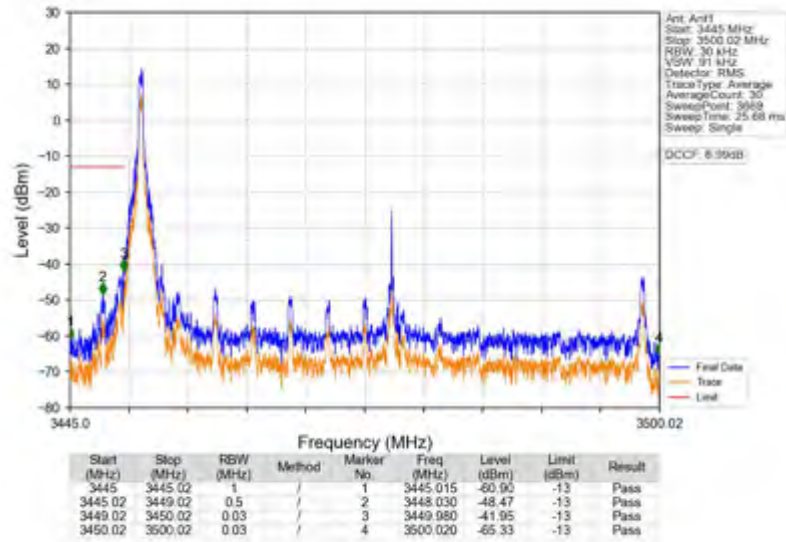
n78(3450-3550MHz) 30kHz SISO NTN 50MHz CP-OFDM QPSK 3475.02MHz Edge 1RB Left



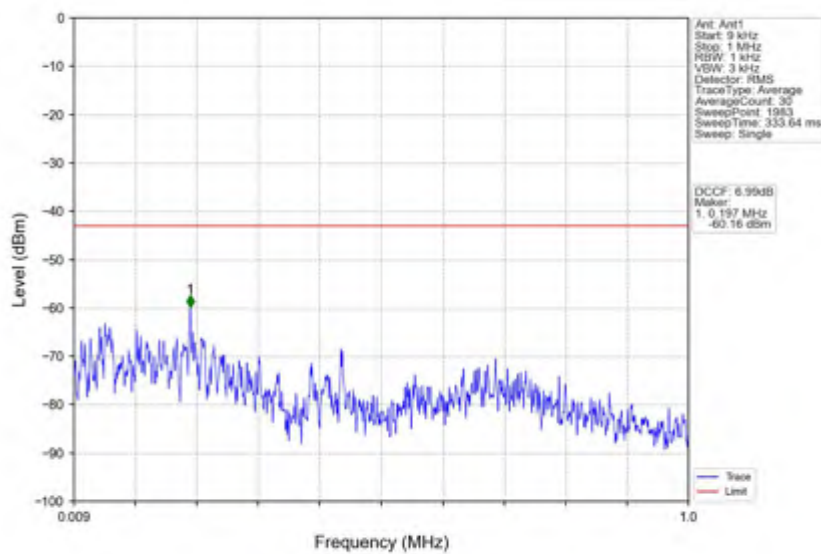
n78(3450-3550MHz) 30kHz SISO NTN 50MHz CP-OFDM QPSK 3475.02MHz Outer_Full



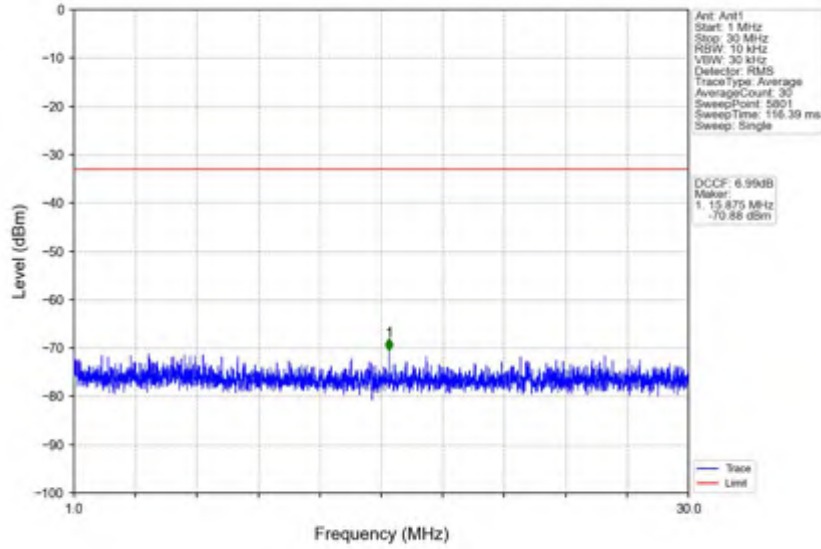
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3475.02MHz_Inner_1RB_Left



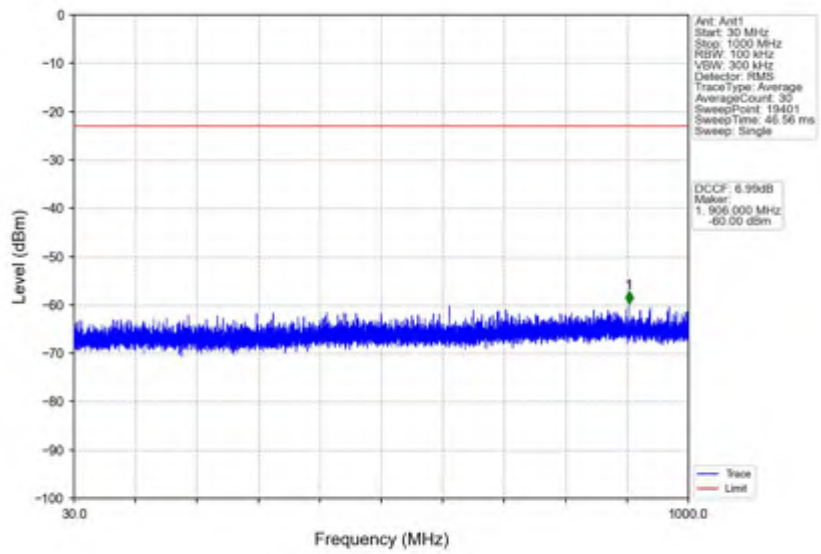
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



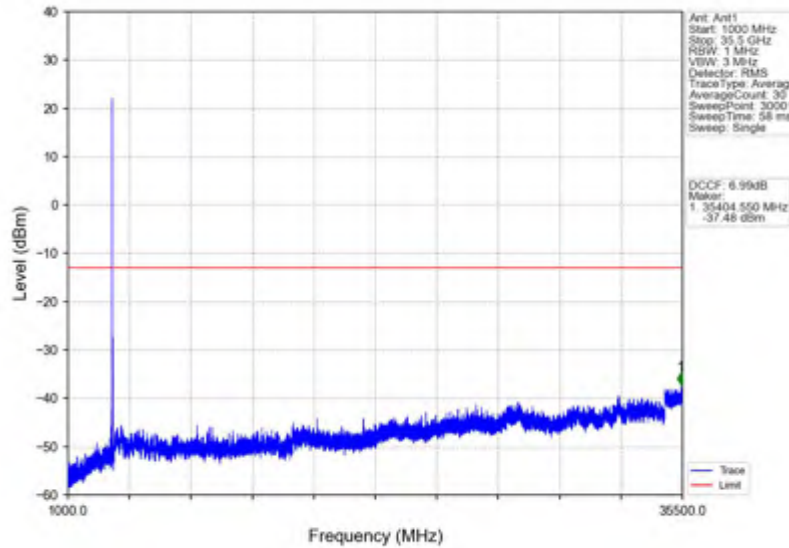
n78(3450-3550MHz) 30kHz SISO NTN 50MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left



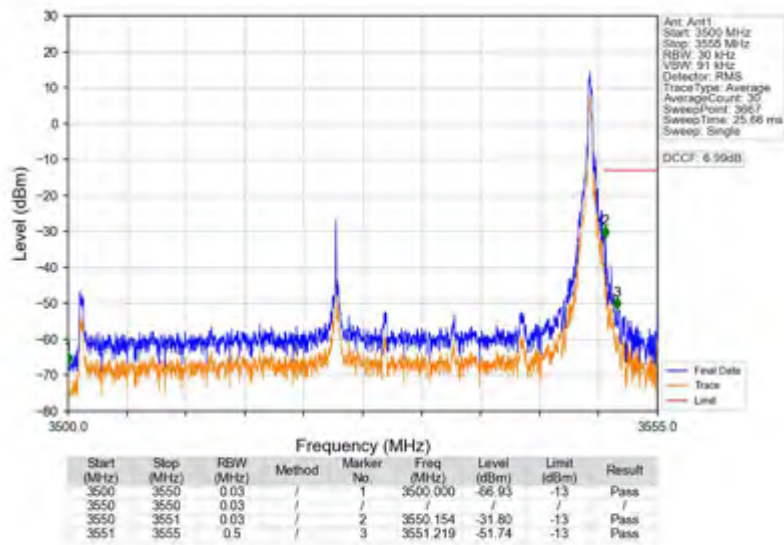
n78(3450-3550MHz) 30kHz SISO NTN 50MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left



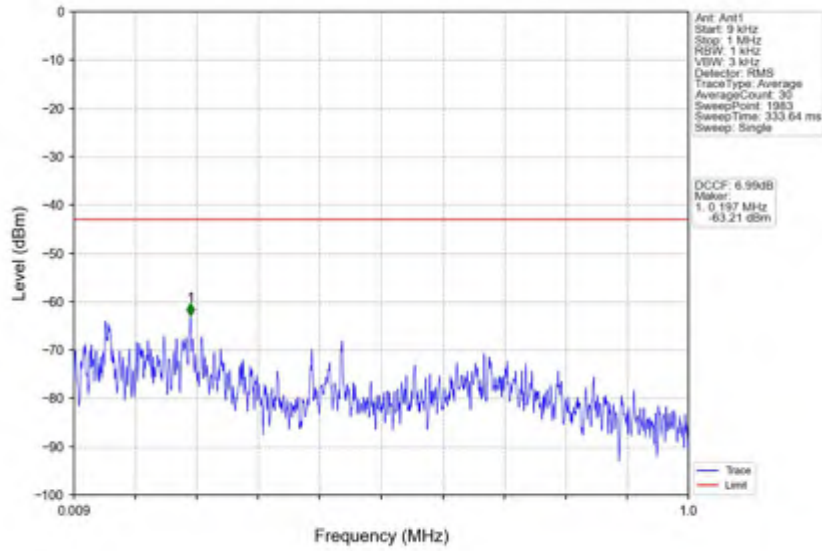
n78(3450-3550MHz) 30kHz SISO NTN 50MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left



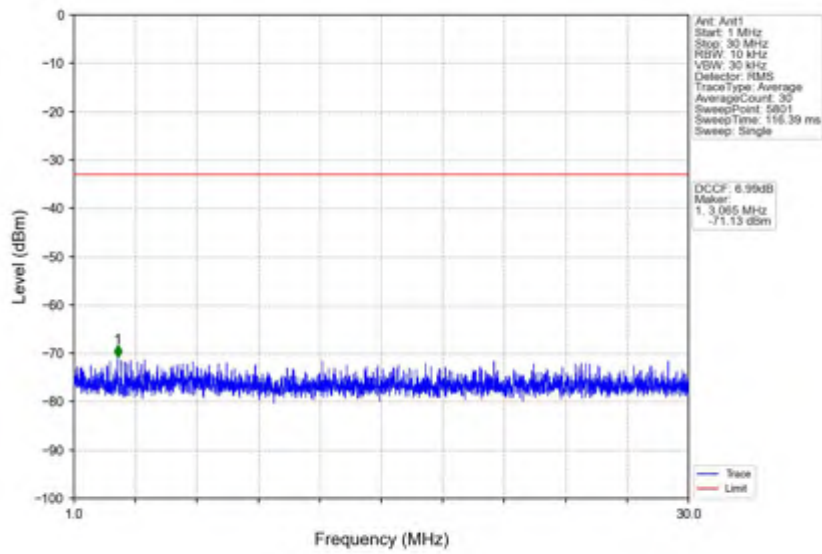
n78(3450-3550MHz) 30kHz SISO NTN 50MHz CP-OFDM QPSK 3525MHz Edge 1RB Right



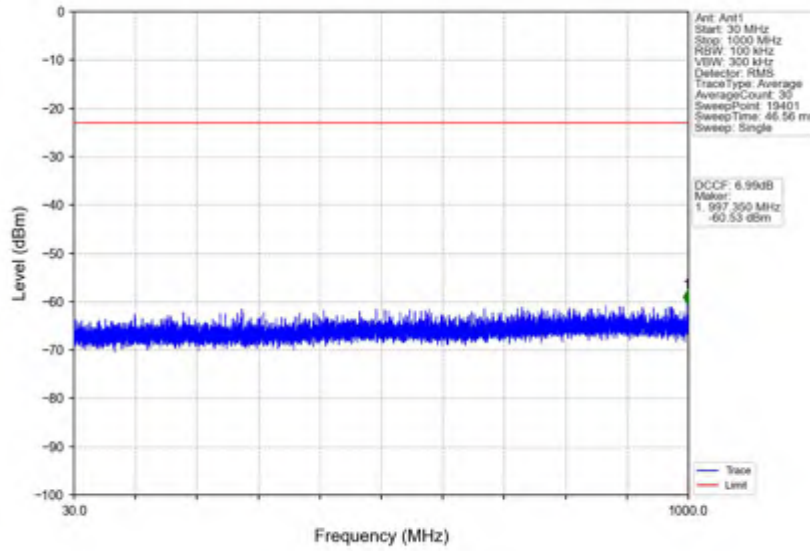
n78(3450-3550MHz) 30kHz SISO_NTNV_50MHz_CP-OFDM QPSK_3525MHz_Edge_1RB_Right



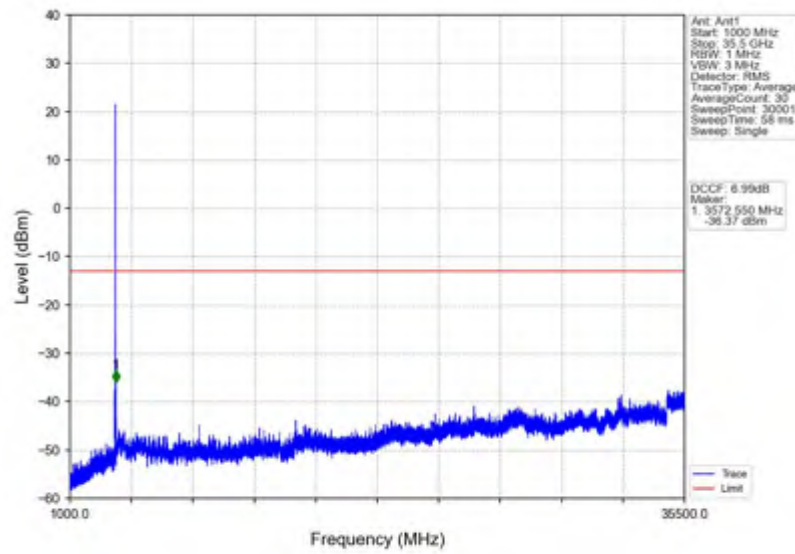
n78(3450-3550MHz) 30kHz SISO_NTNV_50MHz_CP-OFDM QPSK_3525MHz_Edge_1RB_Right



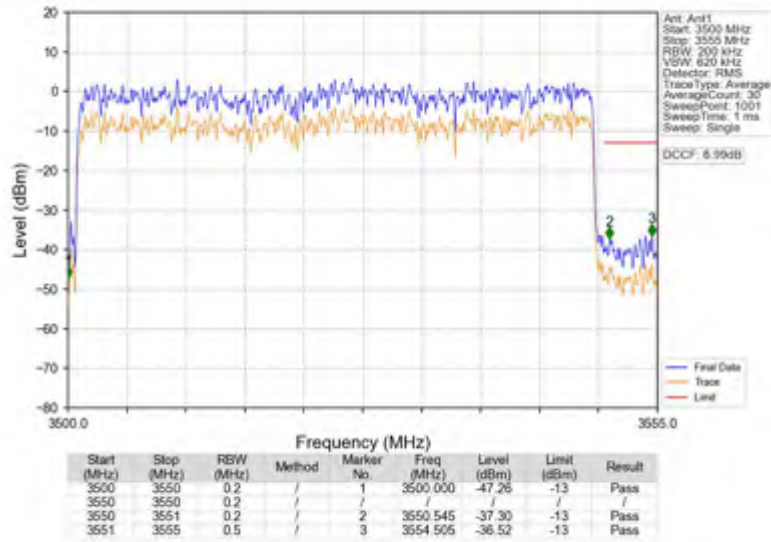
n78(3450-3550MHz) 30kHz SISO_NTNV_50MHz_CP-OFDM QPSK_3525MHz_Edge_1RB_Right



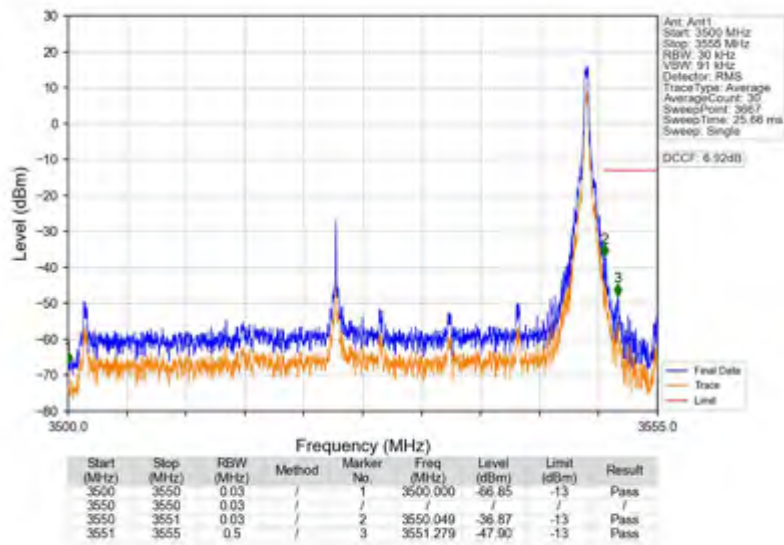
n78(3450-3550MHz) 30kHz SISO_NTNV_50MHz_CP-OFDM QPSK_3525MHz_Edge_1RB_Right



n78(3450-3550MHz) 30kHz_SISO_NTV_50MHz_CP-OFDM_QPSK_3525MHz_Outer_Full



n78(3450-3550MHz) 30kHz_SISO_NTV_50MHz_CP-OFDM_QPSK_3525MHz_Inner_1RB_Right





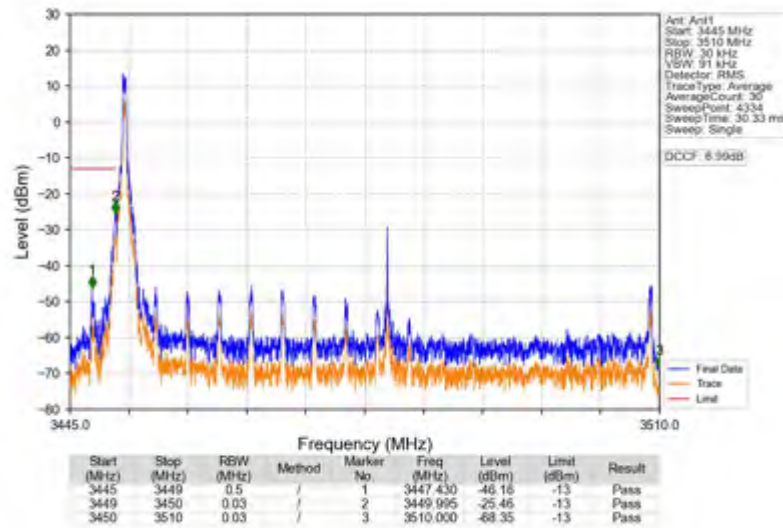
5.5 30k_SISO_60MHz_NTNV

5.5.1 Test Result

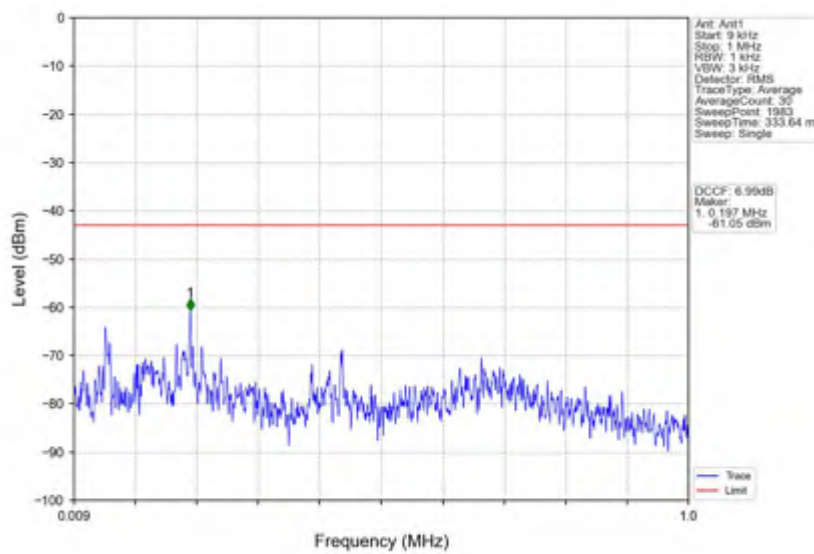
5G NR n78(3450-3550MHz) SCS=30kHz SISO 60MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict	
			Ant1	Ant2	Sum		Limit
DFT-s-OFDM PI/2 BPSK	3480	Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Left	Refer To Test Graph			Pass	
	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
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
CP-OFDM QPSK	3480	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	
	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	

5.5.2 Test Graph

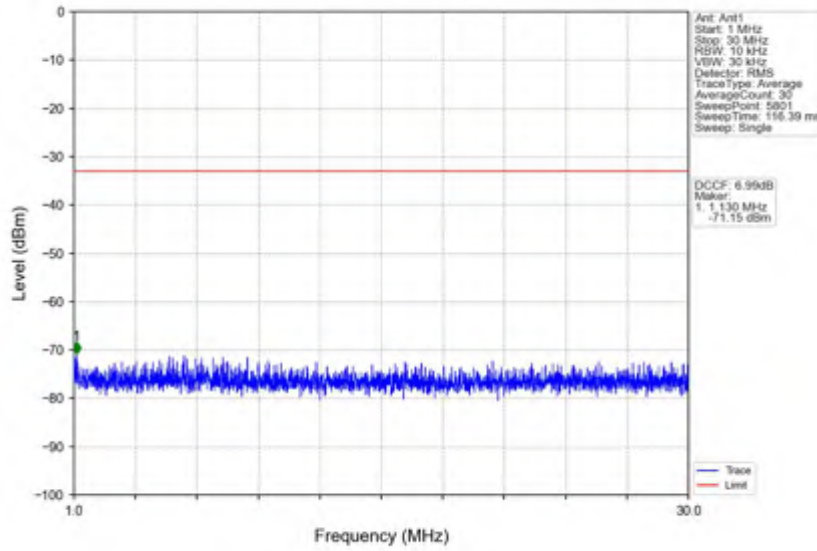
n78(3450-3550MHz) 30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3480MHz_Edge_1RB_Left



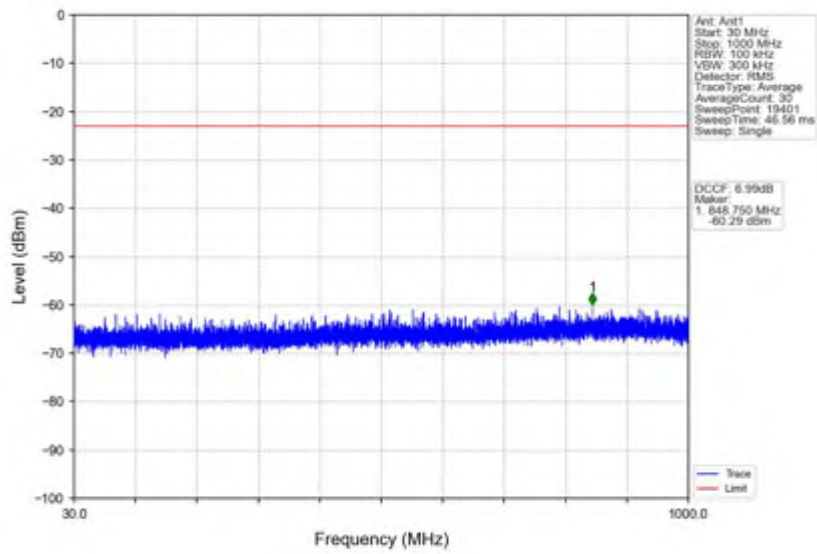
n78(3450-3550MHz) 30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3480MHz_Edge_1RB_Left



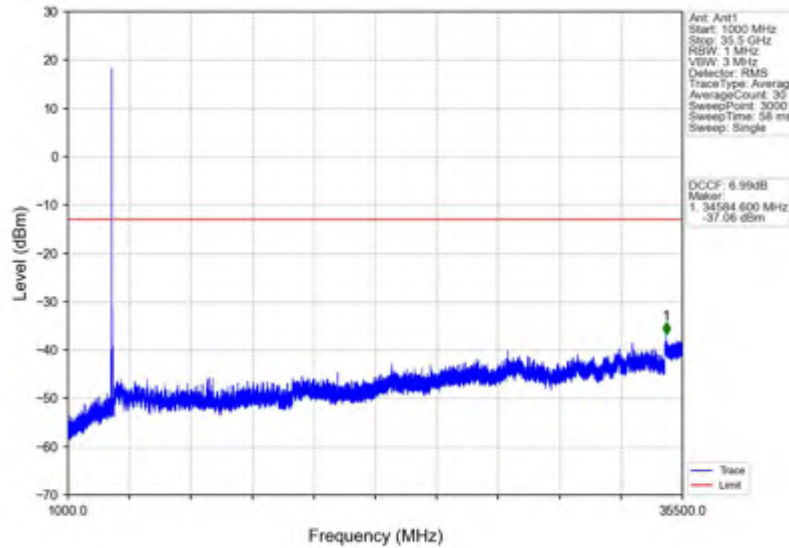
n78(3450-3550MHz) 30kHz SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3480MHz_Edge_1RB_Left



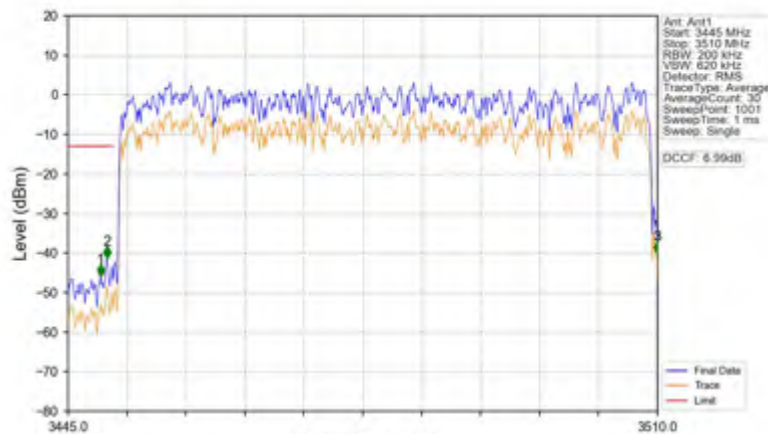
n78(3450-3550MHz) 30kHz SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3480MHz_Edge_1RB_Left



n78(3450-3550MHz) 30kHz SISO_NTNV_60MHz DFT-s-OFDM PI/2 BPSK_3480MHz Edge 1RB Left

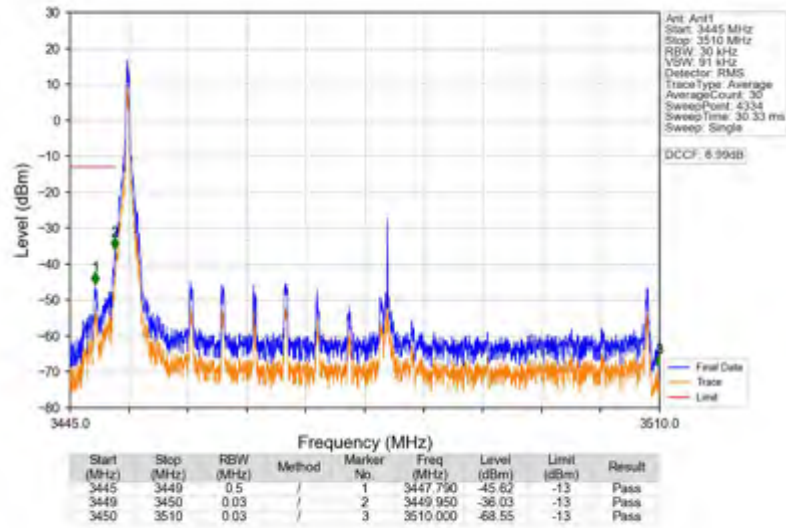


n78(3450-3550MHz) 30kHz SISO_NTNV_60MHz DFT-s-OFDM PI/2 BPSK_3480MHz_Outer_Full

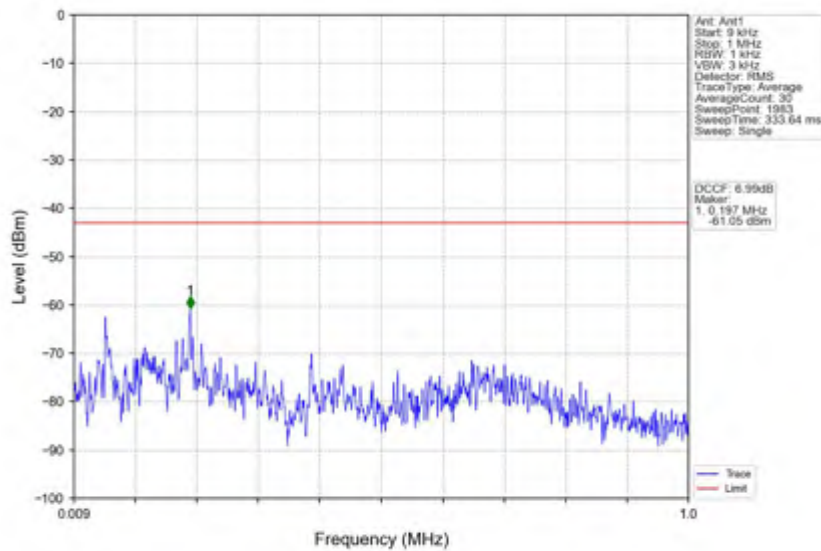


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	0.5	/	1	3448.575	-45.95	-13	Pass
3449	3450	0.2	/	2	3449.290	-41.36	-13	Pass
3450	3510	0.2	/	3	3510.000	-40.20	-13	Pass

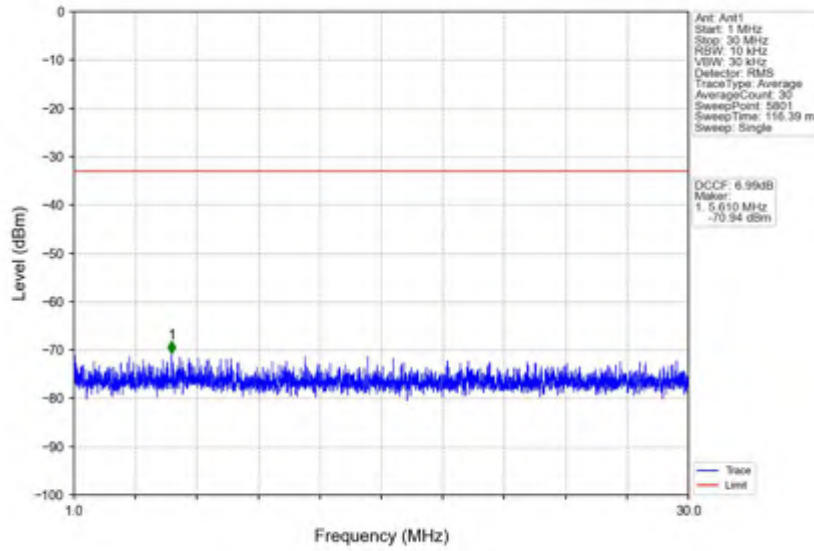
n78(3450-3550MHz) 30kHz SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK 3480MHz Inner 1RB Left



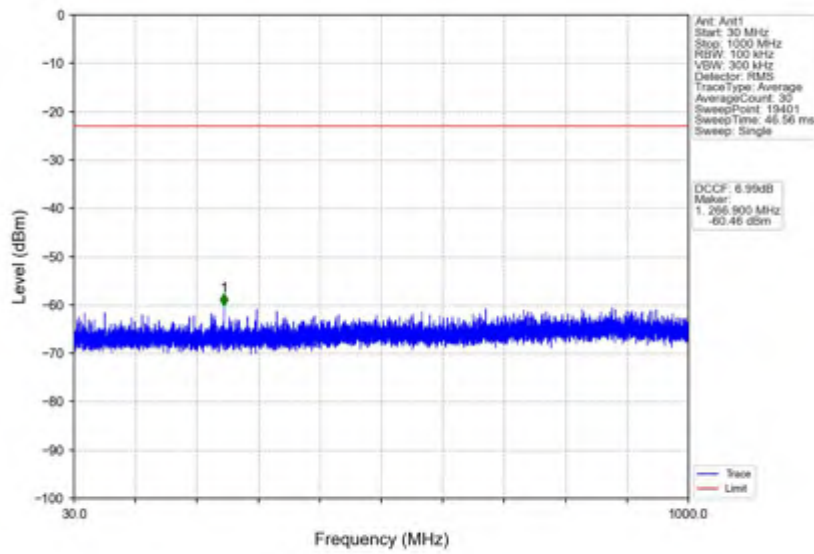
n78(3450-3550MHz) 30kHz SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



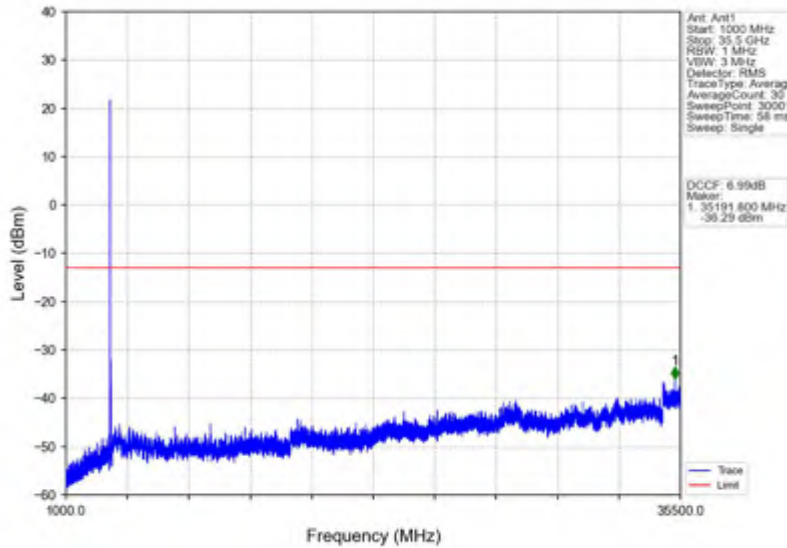
n78(3450-3550MHz) 30kHz SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



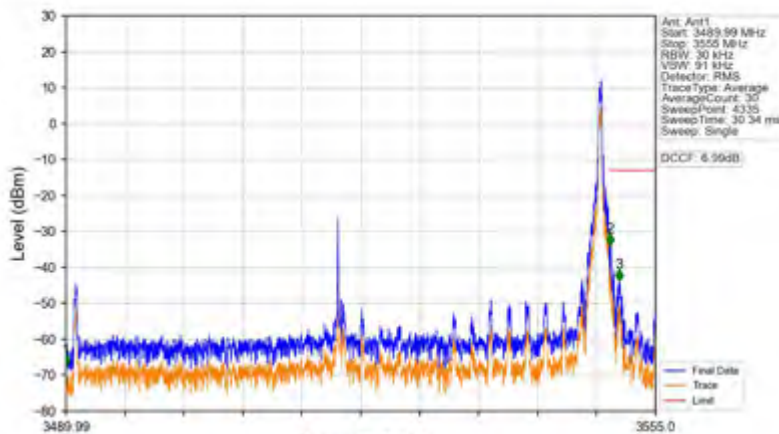
n78(3450-3550MHz) 30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



n78(3450-3550MHz) 30kHz SISO_NTNV_60MHz DFT-s-OFDM PI/2 BPSK 3500.01MHz Edge 1RB Left

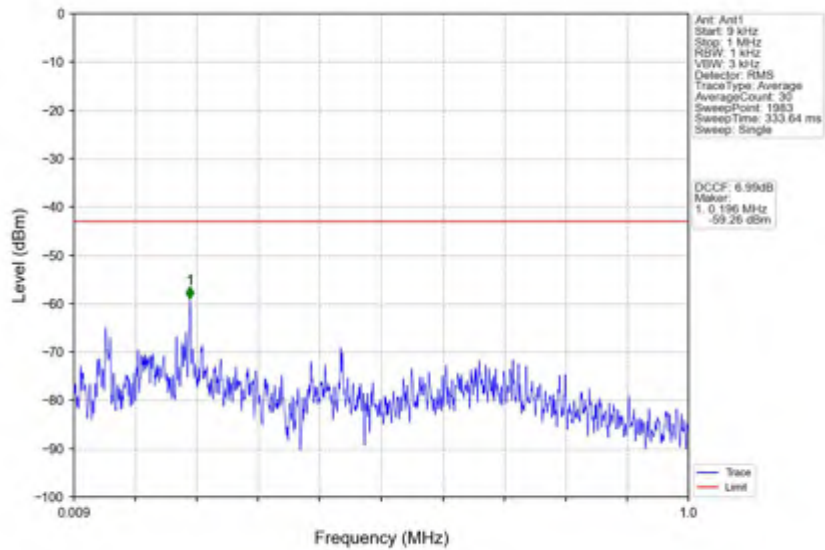


n78(3450-3550MHz) 30kHz SISO_NTNV_60MHz DFT-s-OFDM PI/2 BPSK 3519.99MHz_Edge_1RB_Right

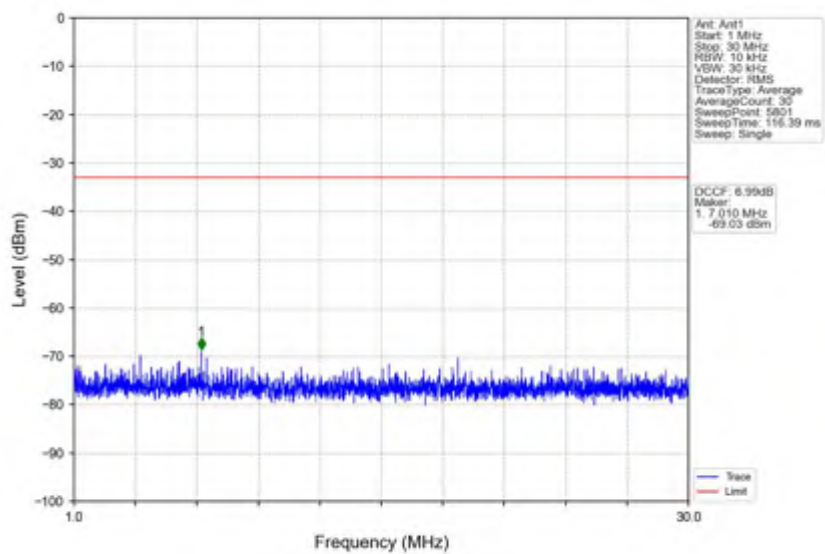


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3489.99	3549.99	0.03	/	1	3489.990	-67.58	-13	Pass
3549.99	3550.99	0.03	/	2	3550.020	-33.98	-13	Pass
3549.99	3554.99	0.5	/	3	3551.010	-43.85	-13	Pass

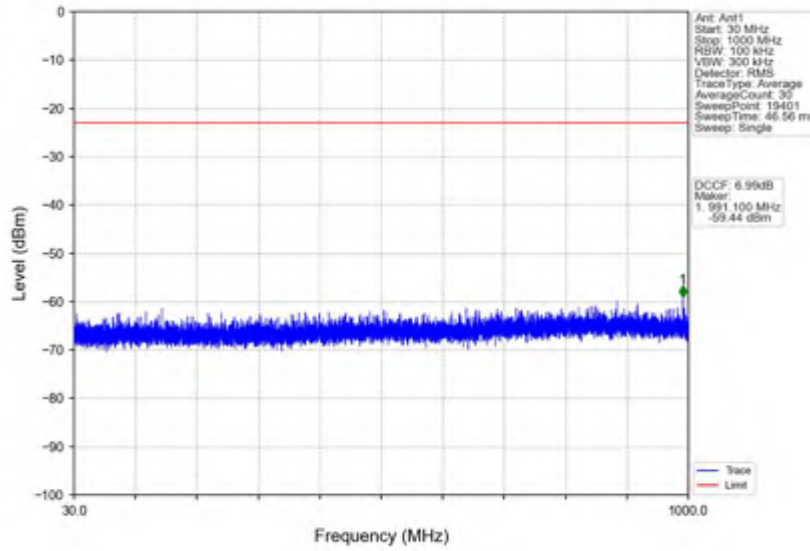
n78(3450-3550MHz) 30kHz SISO NTV 60MHz DFT-s-OFDM PI/2 BPSK 3519.99MHz_Edge 1RB Right



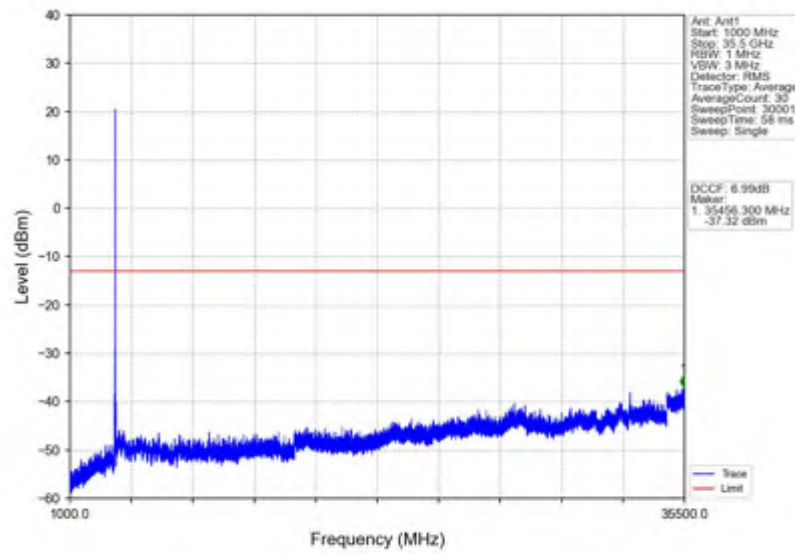
n78(3450-3550MHz) 30kHz SISO NTV 60MHz DFT-s-OFDM PI/2 BPSK 3519.99MHz_Edge 1RB Right



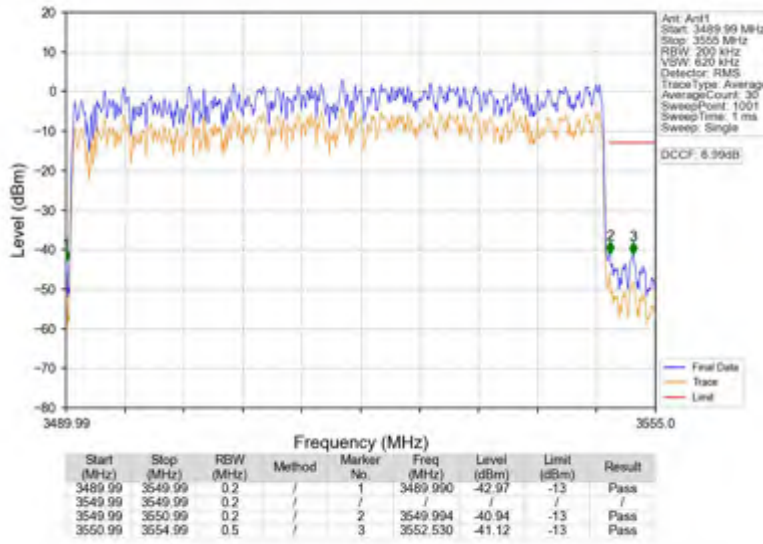
n78(3450-3550MHz) 30kHz SISO NTVN 60MHz DFT-s-OFDM PI/2 BPSK 3519.99MHz_Edge 1RB_Right



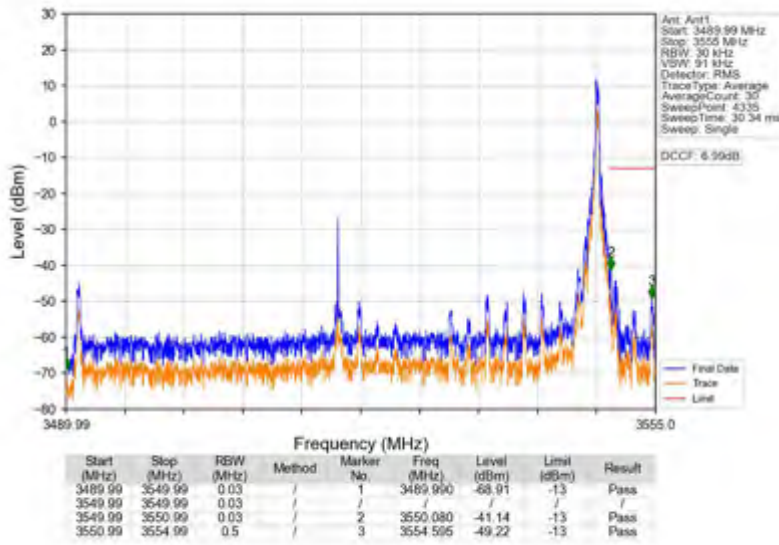
n78(3450-3550MHz) 30kHz SISO NTVN 60MHz DFT-s-OFDM PI/2 BPSK 3519.99MHz_Edge 1RB_Right



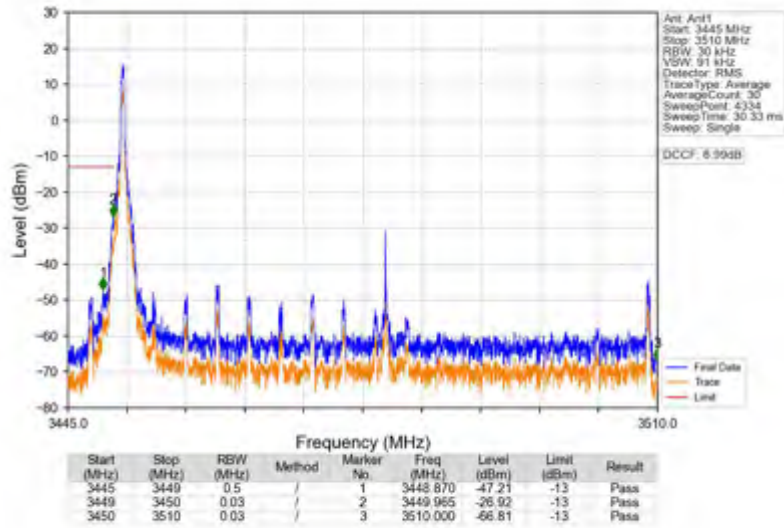
n78(3450-3550MHz) 30kHz SISO NTV 60MHz DFT-s-OFDM PI/2 BPSK 3519.99MHz Outer Full



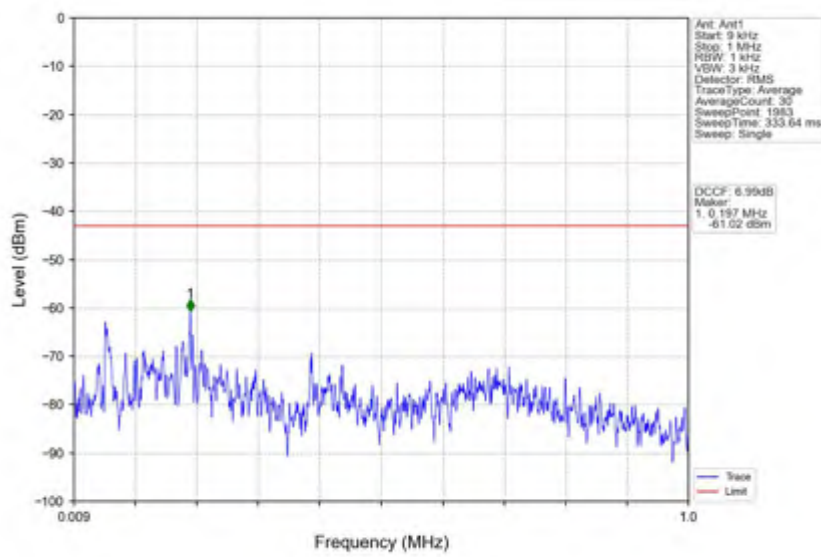
n78(3450-3550MHz) 30kHz SISO NTV 60MHz DFT-s-OFDM PI/2 BPSK 3519.99MHz Inner 1RB Right



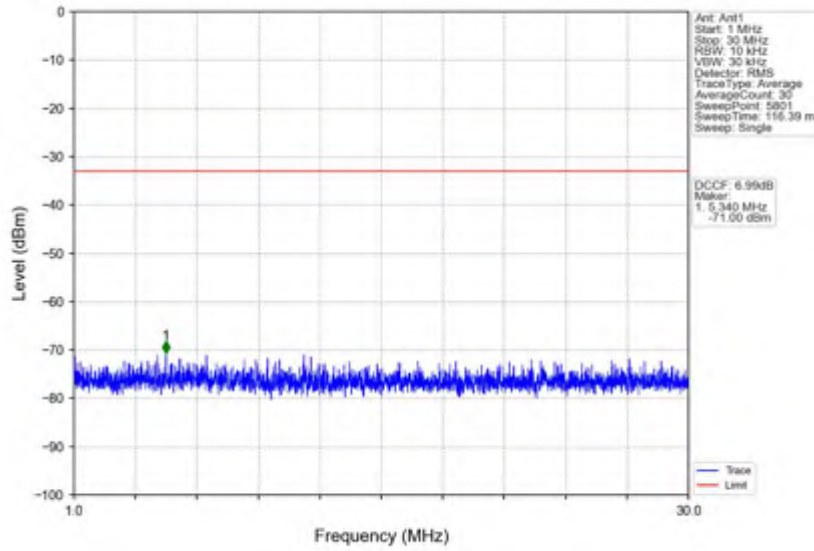
n78(3450-3550MHz) 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3480MHz Edge 1RB Left



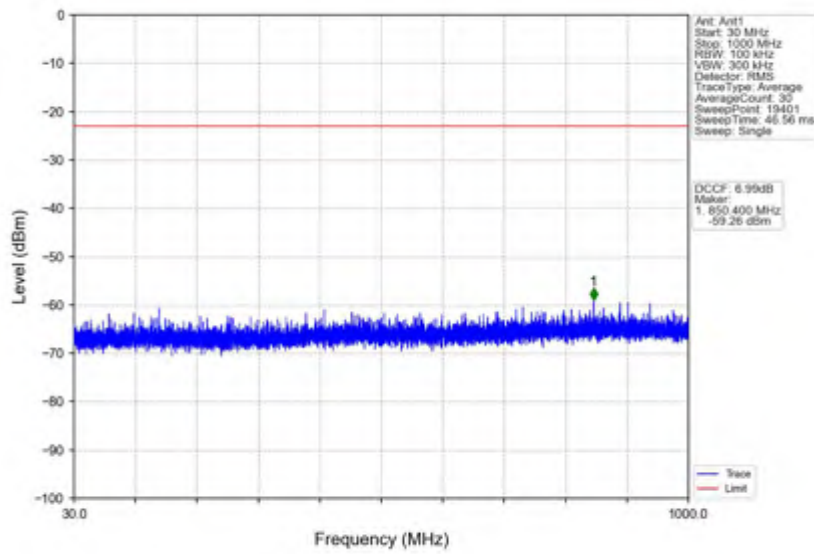
n78(3450-3550MHz) 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3480MHz Edge 1RB Left



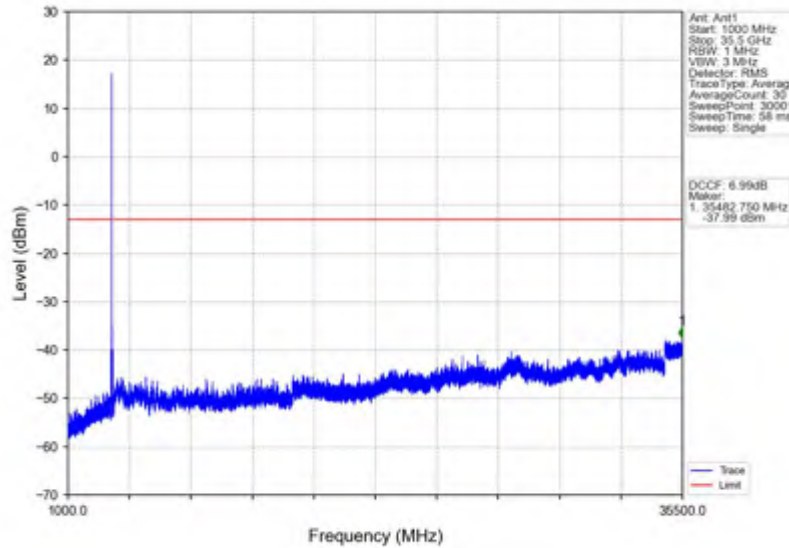
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3480MHz_Edge_1RB_Left



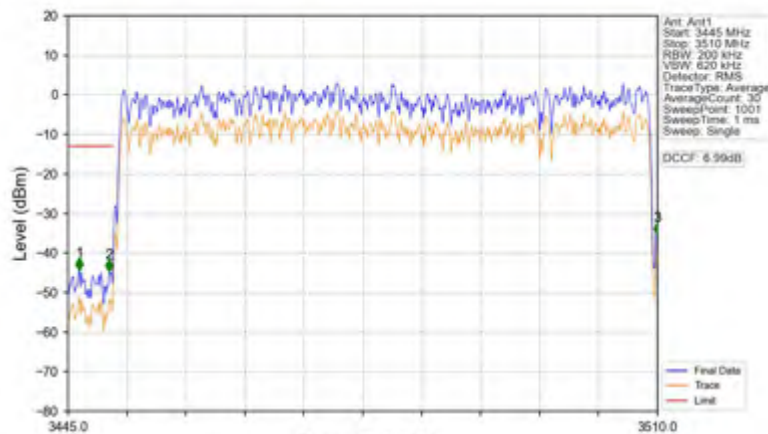
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3480MHz_Edge_1RB_Left



n78(3450-3550MHz) 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3480MHz Edge 1RB Left

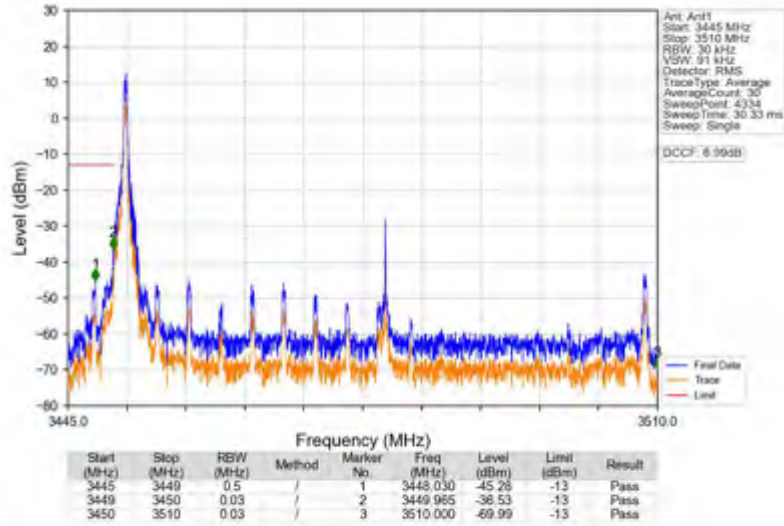


n78(3450-3550MHz) 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3480MHz Outer_Full

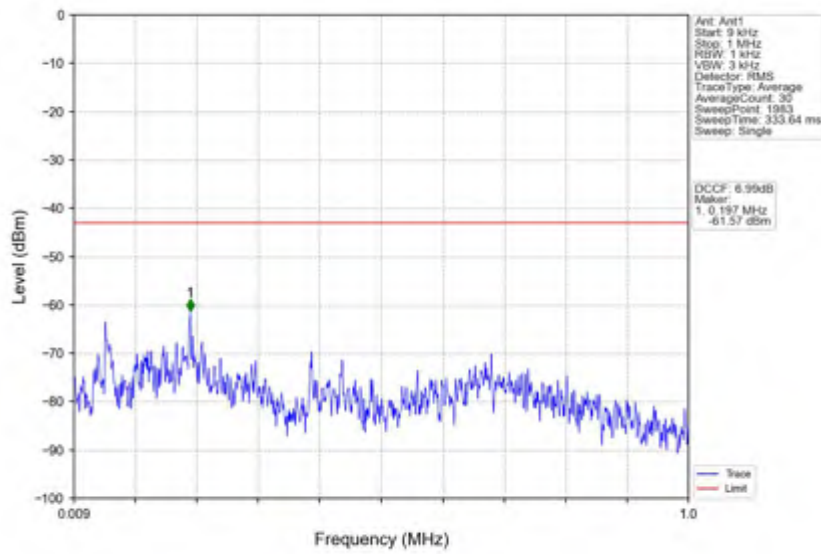


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	0.5	/	1	3446.235	-44.37	-13	Pass
3449	3450	0.2	/	2	3449.550	-44.74	-13	Pass
3450	3510	0.2	/	3	3510.000	-35.43	-13	Pass

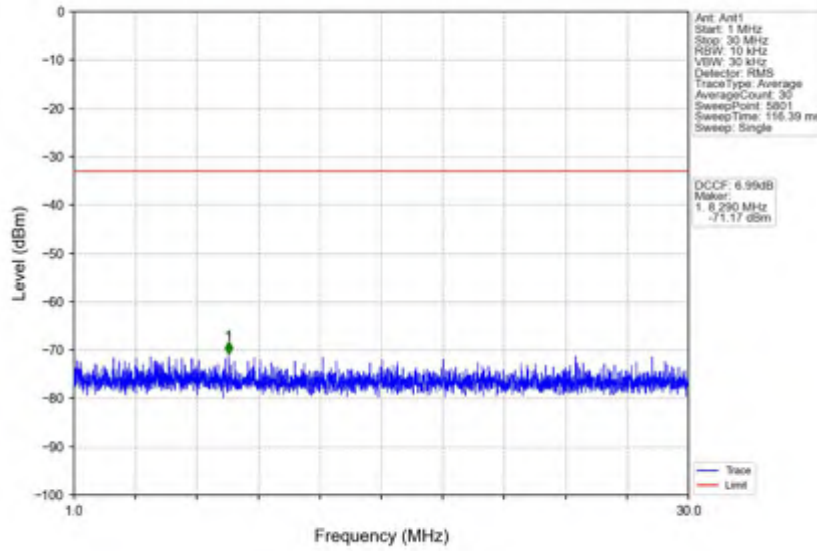
n78(3450-3550MHz) 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3480MHz Inner 1RB Left



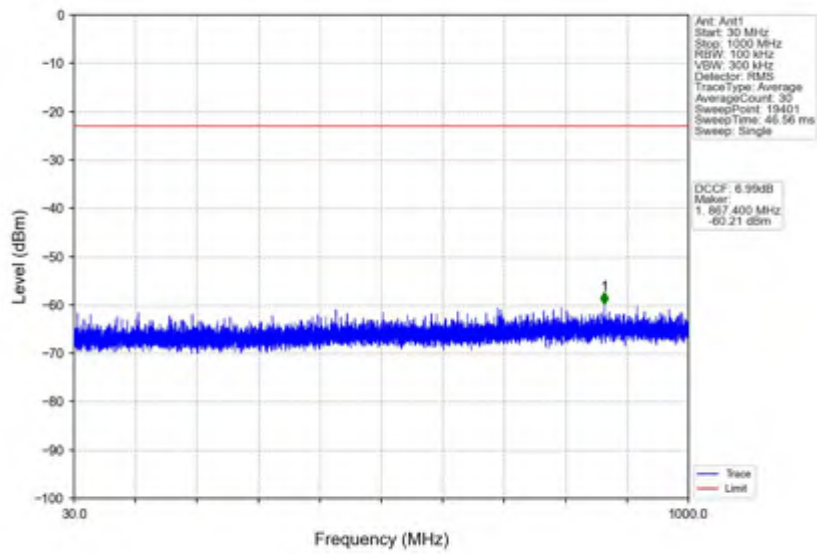
n78(3450-3550MHz) 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



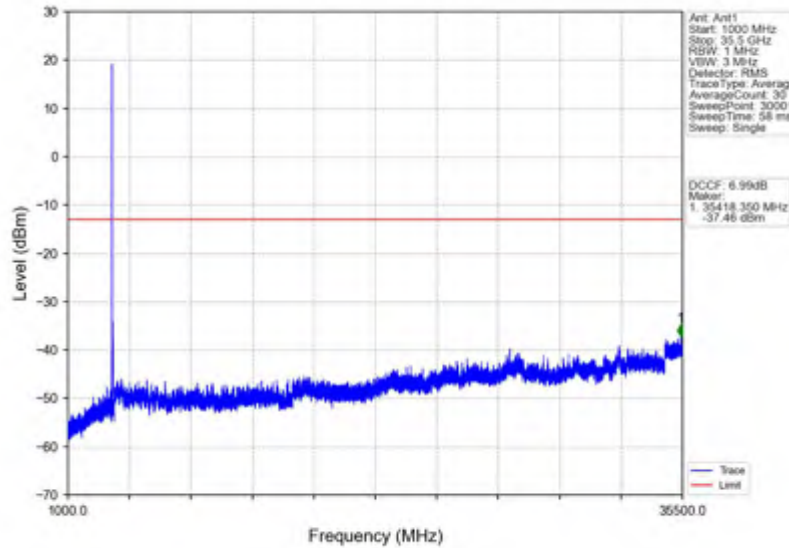
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



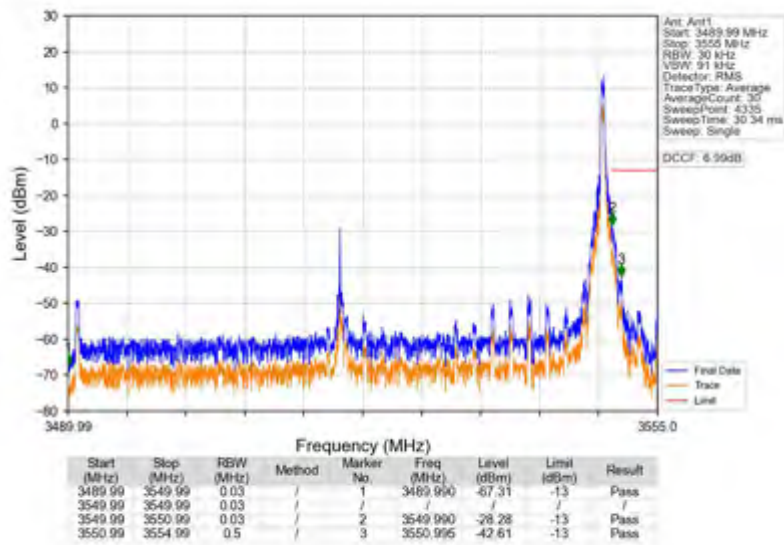
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



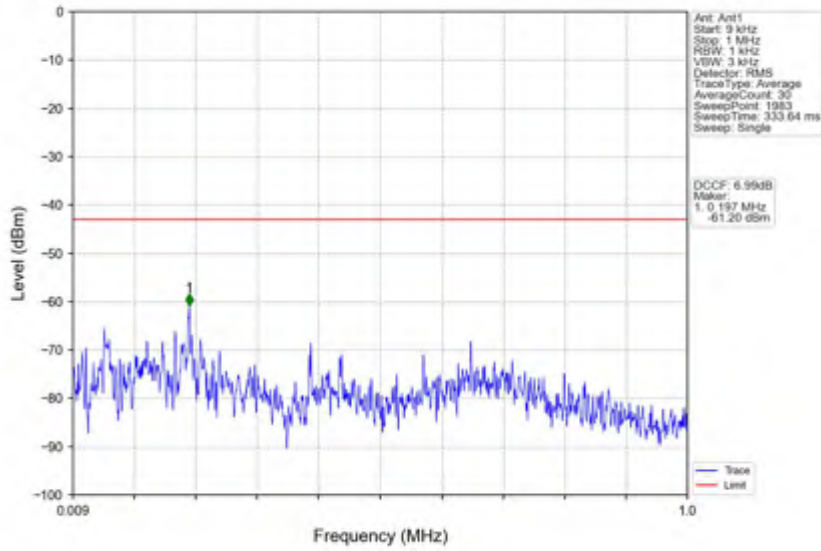
n78(3450-3550MHz) 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



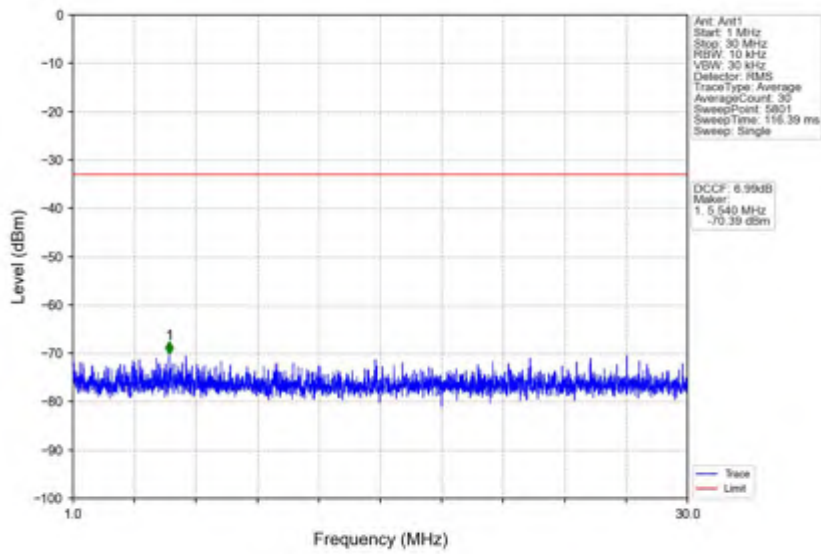
n78(3450-3550MHz) 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3519.99MHz Edge 1RB Right



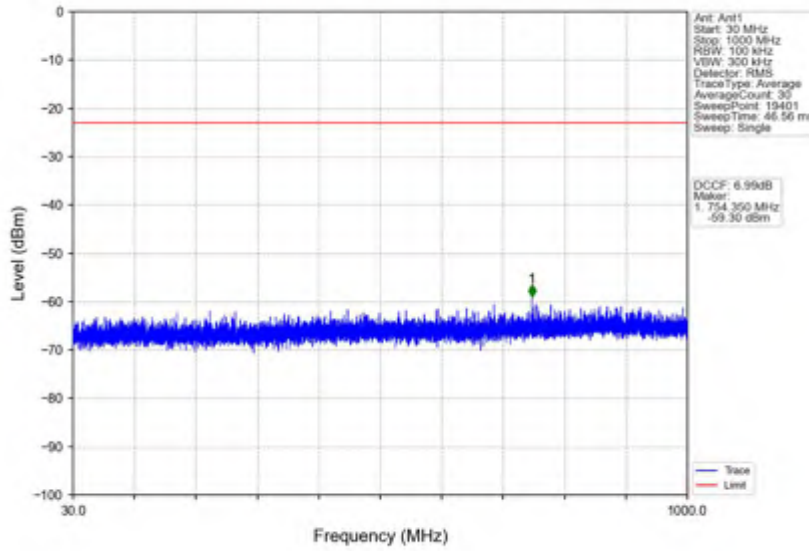
n78(3450-3550MHz) 30kHz SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3519.99MHz_Edge_1RB_Right



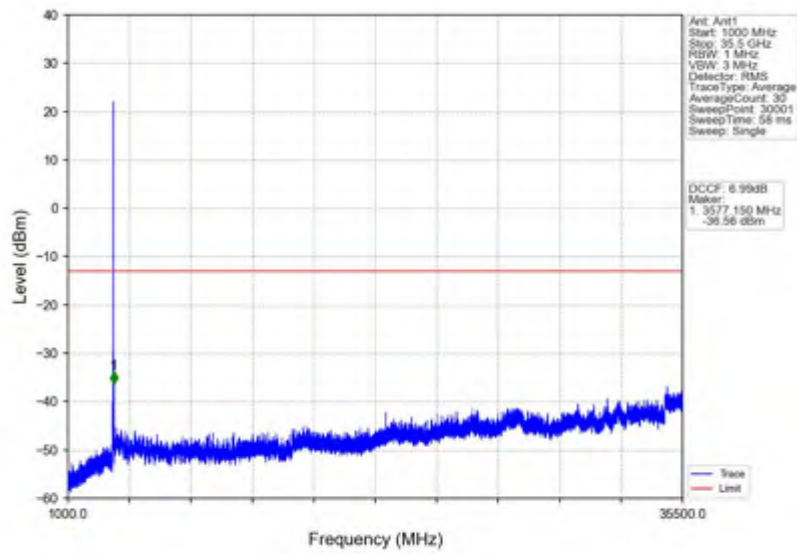
n78(3450-3550MHz) 30kHz SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3519.99MHz_Edge_1RB_Right



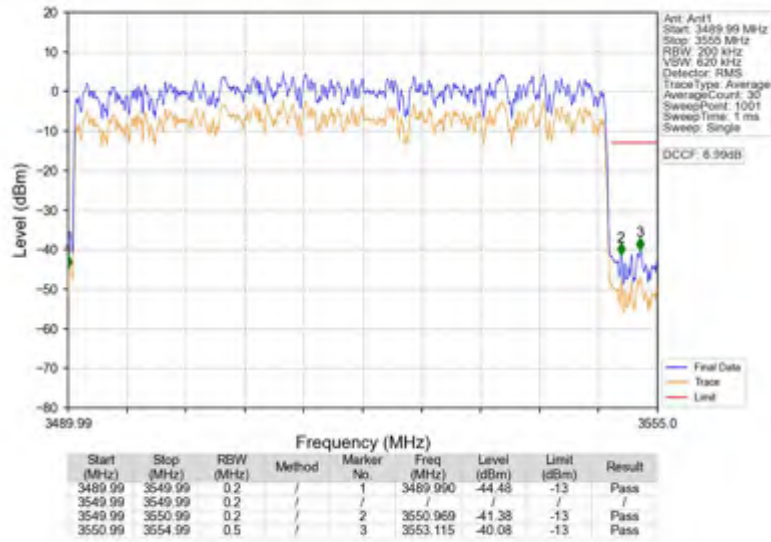
n78(3450-3550MHz) 30kHz SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3519.99MHz_Edge_1RB_Right



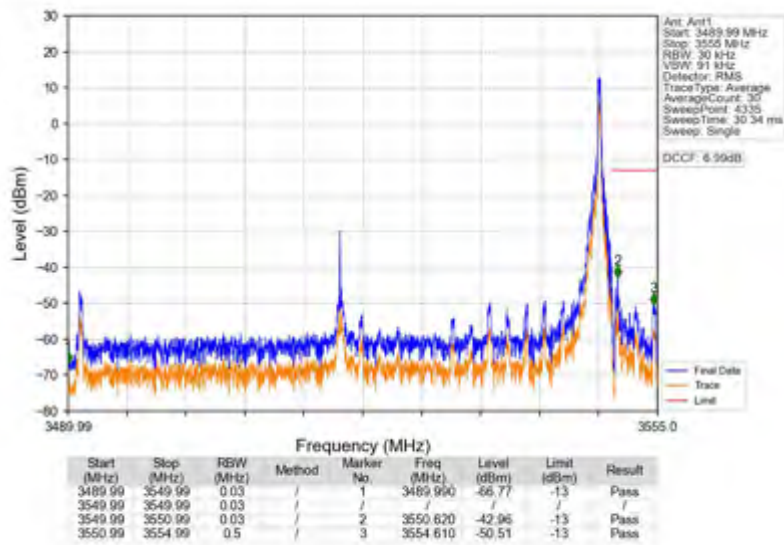
n78(3450-3550MHz) 30kHz SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3519.99MHz_Edge_1RB_Right



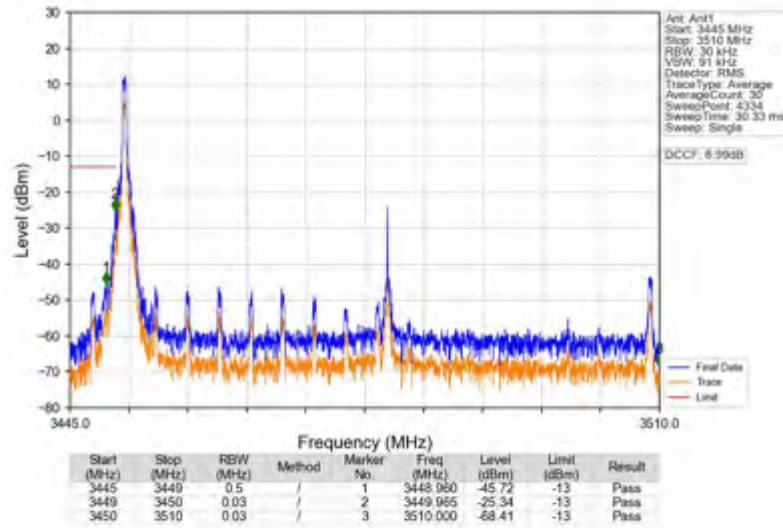
n78(3450-3550MHz) 30kHz SISO NTV 60MHz DFT-s-OFDM QPSK 3519.99MHz Outer Full



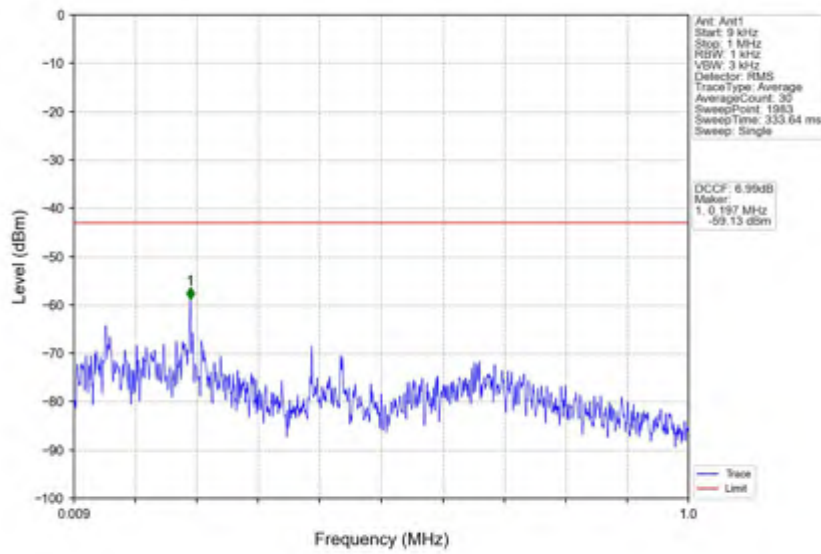
n78(3450-3550MHz) 30kHz SISO NTV 60MHz DFT-s-OFDM QPSK 3519.99MHz Inner 1RB Right



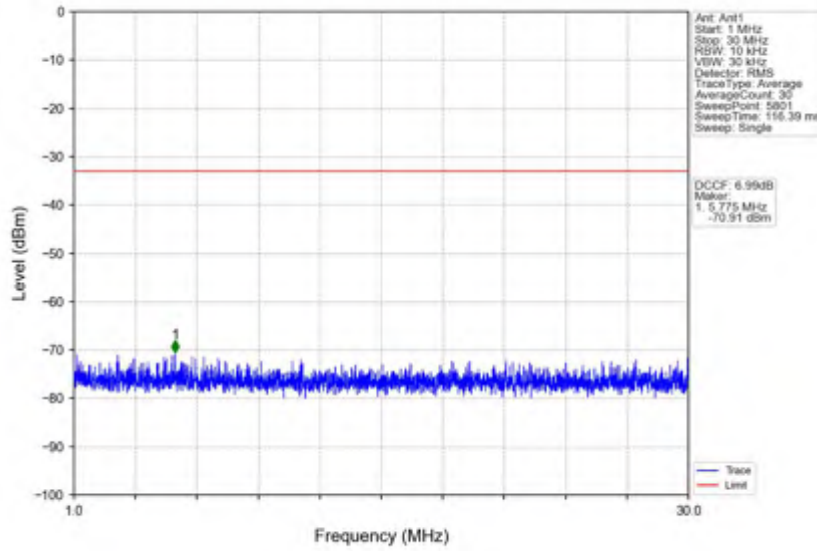
n78(3450-3550MHz) 30kHz SISO NTVN 60MHz CP-OFDM QPSK 3480MHz Edge 1RB Left



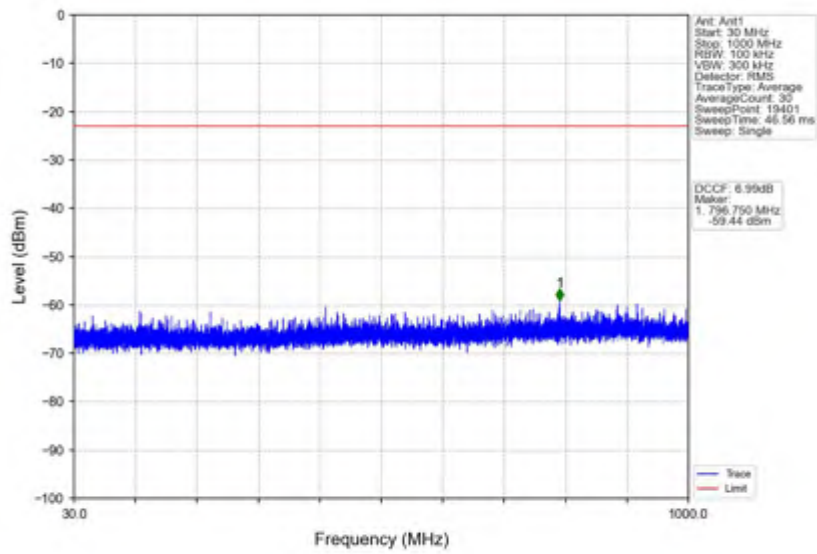
n78(3450-3550MHz) 30kHz SISO NTVN 60MHz CP-OFDM QPSK 3480MHz Edge 1RB Left



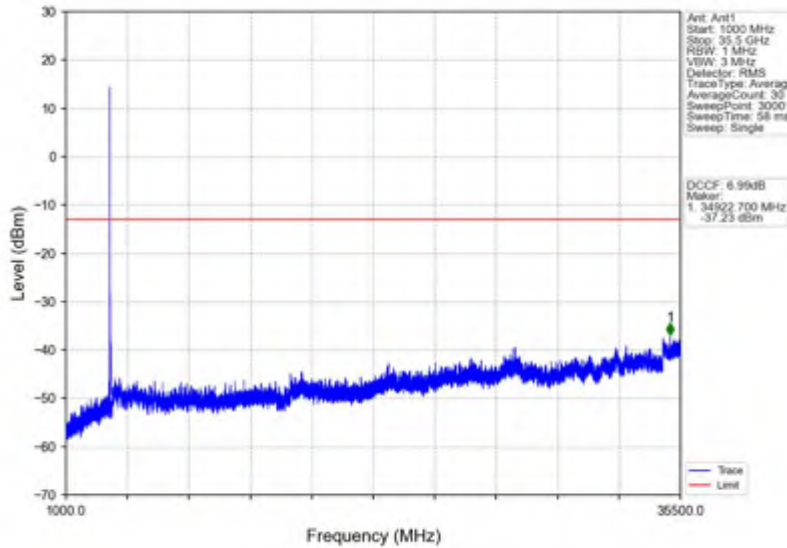
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Edge_1RB_Left



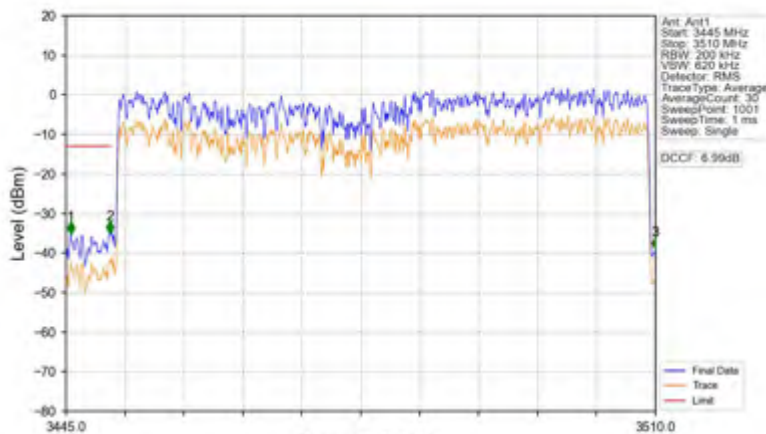
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Edge_1RB_Left



n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Edge_1RB_Left

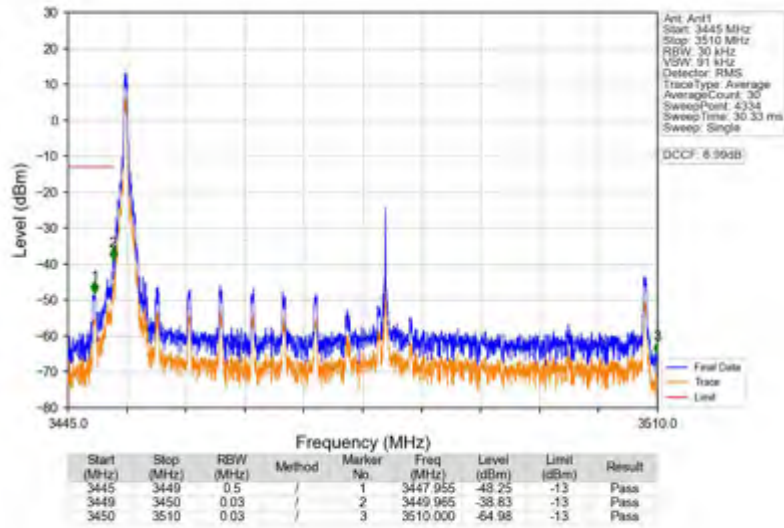


n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Outer_Full

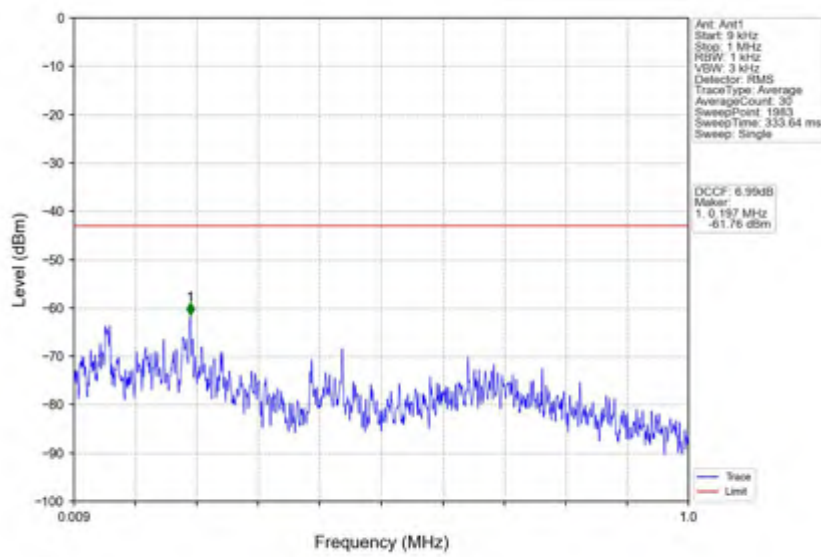


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	0.5	/	1	3445.520	-35.15	-13	Pass
3449	3450	0.2	/	2	3449.875	-35.04	-13	Pass
3450	3510	0.2	/	3	3510.000	-39.13	-13	Pass

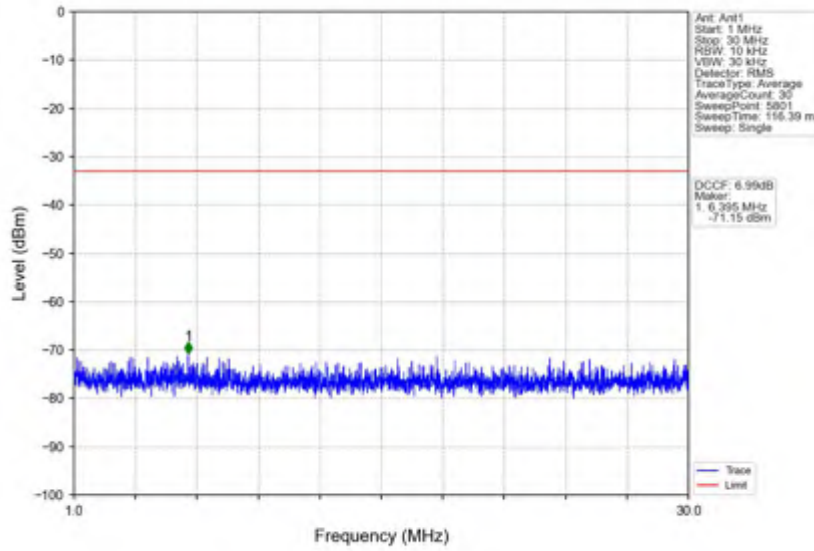
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Inner_1RB_Left



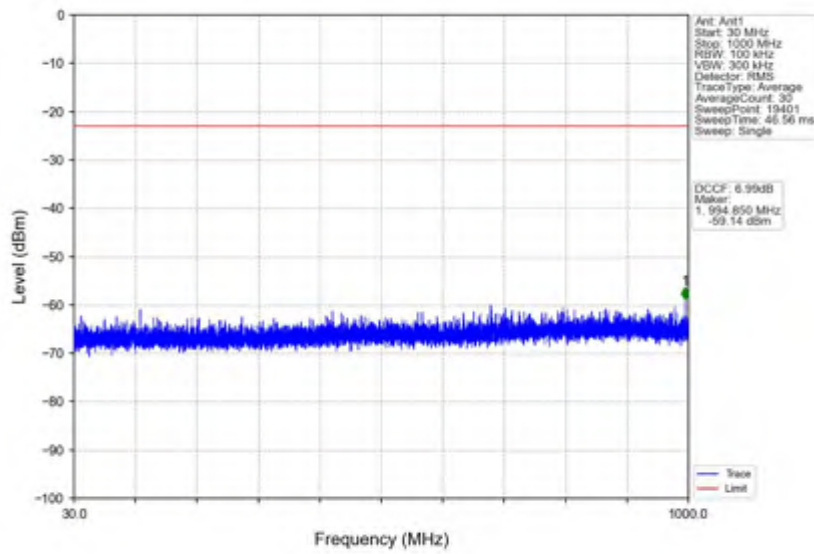
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



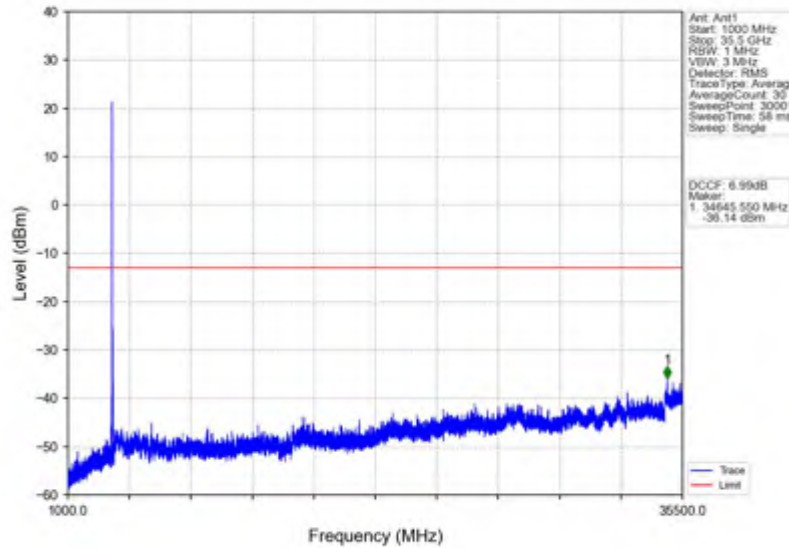
n78(3450-3550MHz) 30kHz SISO NTN 60MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left



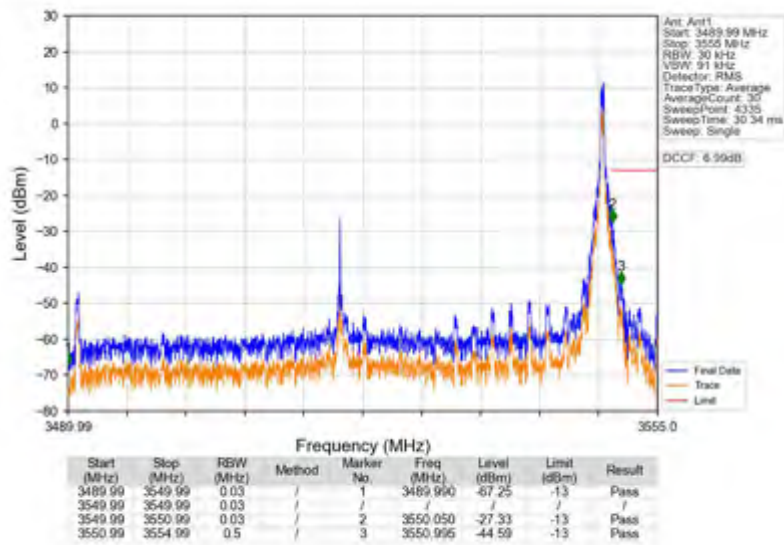
n78(3450-3550MHz) 30kHz SISO NTN 60MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left



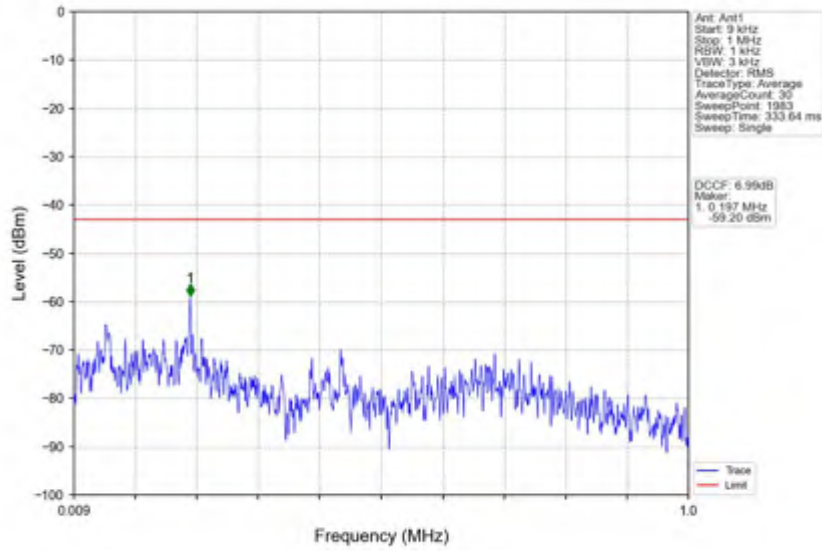
n78(3450-3550MHz) 30kHz SISO NTN 60MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left



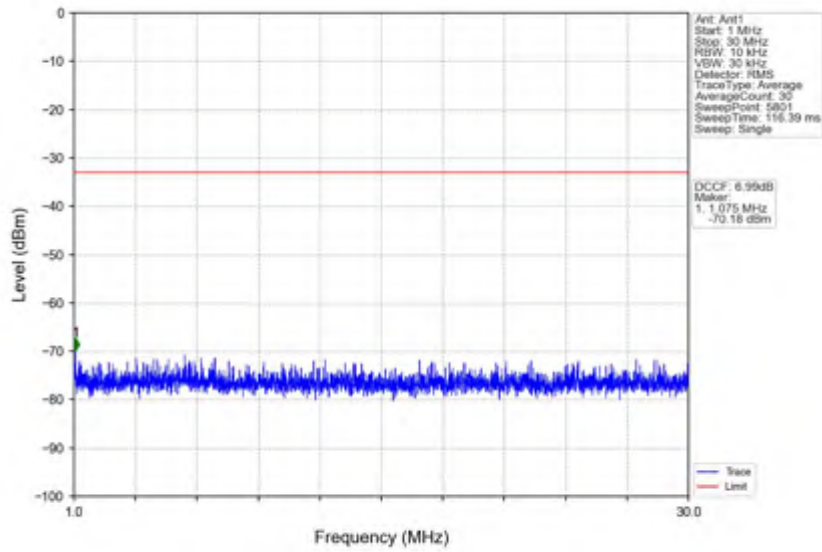
n78(3450-3550MHz) 30kHz SISO NTN 60MHz CP-OFDM QPSK 3519.99MHz Edge 1RB Right



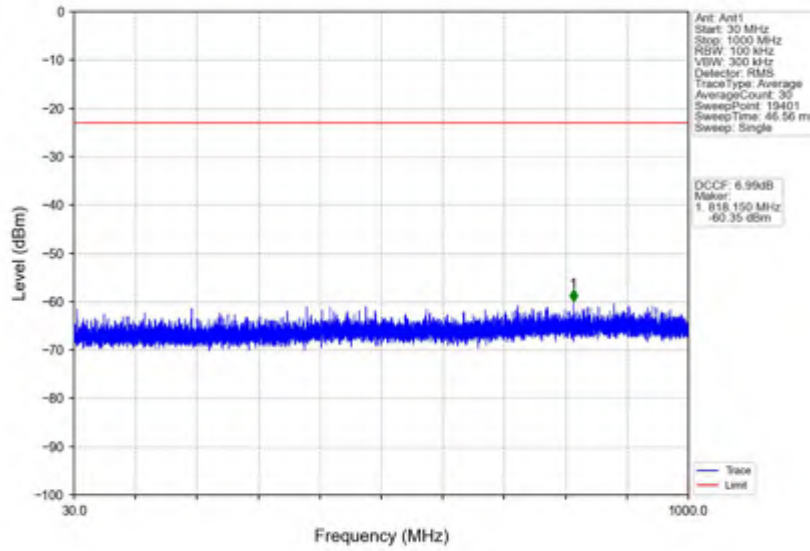
n78(3450-3550MHz) 30kHz SISO_NTNV_60MHz_CP-OFDM QPSK_3519.99MHz_Edge_1RB_Right



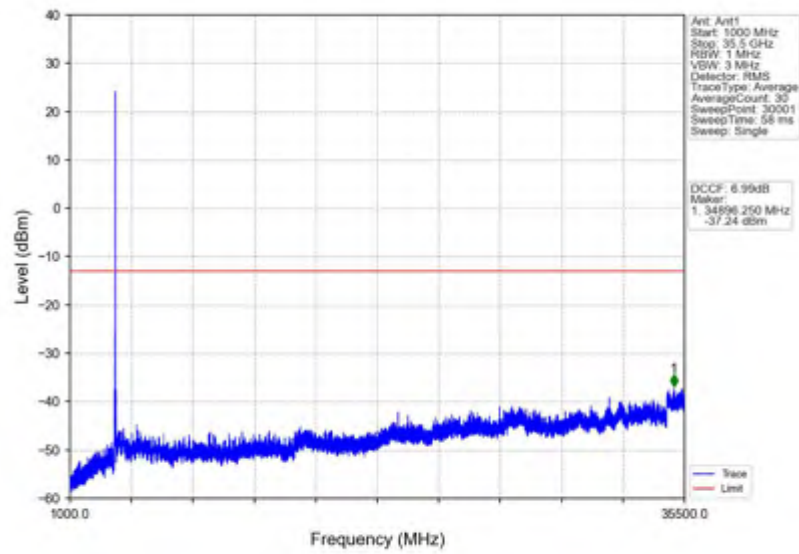
n78(3450-3550MHz) 30kHz SISO_NTNV_60MHz_CP-OFDM QPSK_3519.99MHz_Edge_1RB_Right



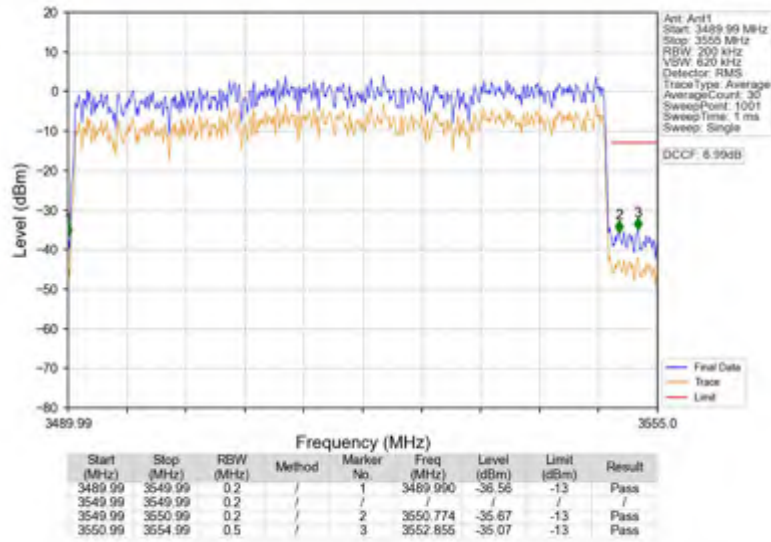
n78(3450-3550MHz) 30kHz SISO_NTNV_60MHz_CP-OFDM QPSK_3519.99MHz_Edge_1RB_Right



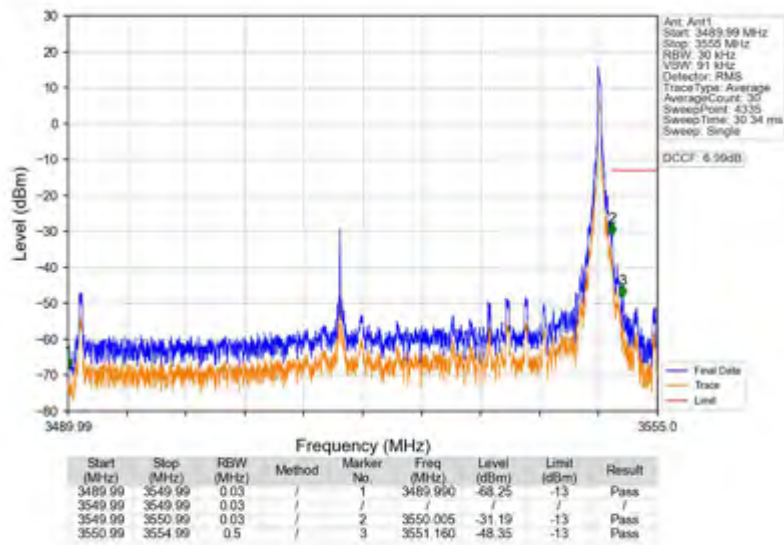
n78(3450-3550MHz) 30kHz SISO_NTNV_60MHz_CP-OFDM QPSK_3519.99MHz_Edge_1RB_Right



n78(3450-3550MHz) 30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Outer_Full



n78(3450-3550MHz) 30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Inner_1RB_Right



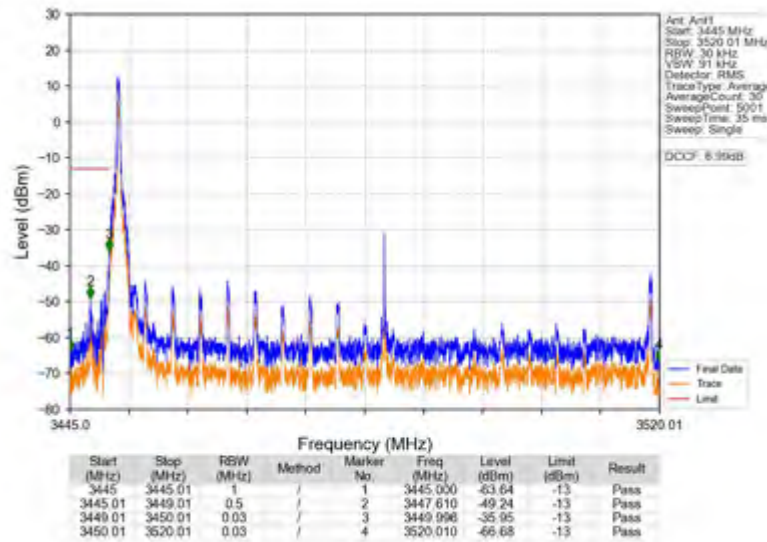
5.6 30k_SISO_70MHz_NTNV

5.6.1 Test Result

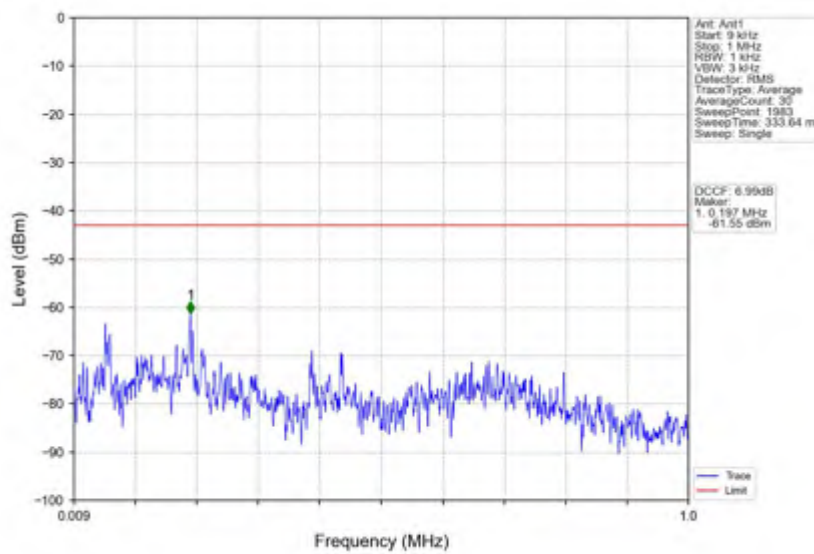
5G NR n78(3450-3550MHz) SCS=30kHz SISO 70MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict	
			Ant1	Ant2	Sum		Limit
DFT-s-OFDM PI/2 BPSK	3485.01	Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Left	Refer To Test Graph			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
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
CP-OFDM QPSK	3485.01	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	
		3514.98	Edge_1RB_Left	Refer To Test Graph			Pass
			Edge_1RB_Right	Refer To Test Graph			Pass
3514.98	Outer_Full	Refer To Test Graph			Pass		
	3514.98	Inner_1RB_Right	Refer To Test Graph			Pass	
		Inner_1RB_Right	Refer To Test Graph			Pass	

5.6.2 Test Graph

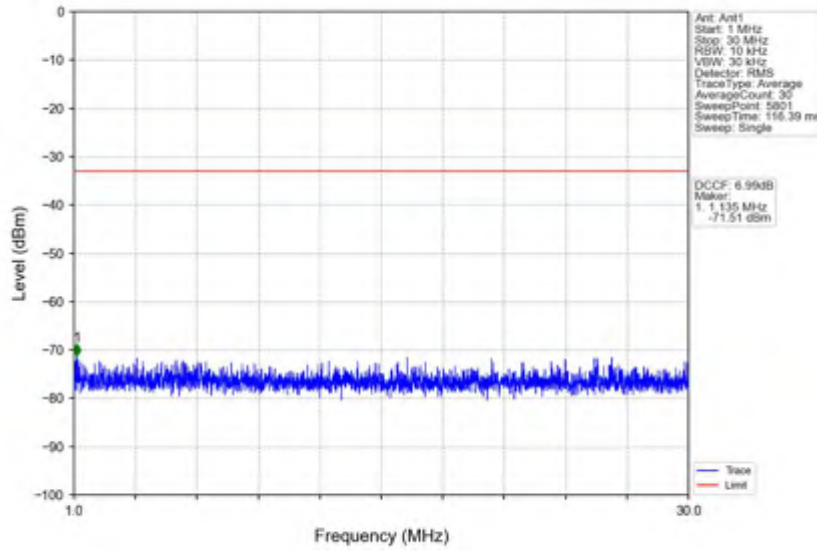
n78(3450-3550MHz) 30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3485.01MHz_Edge_1RB_Left



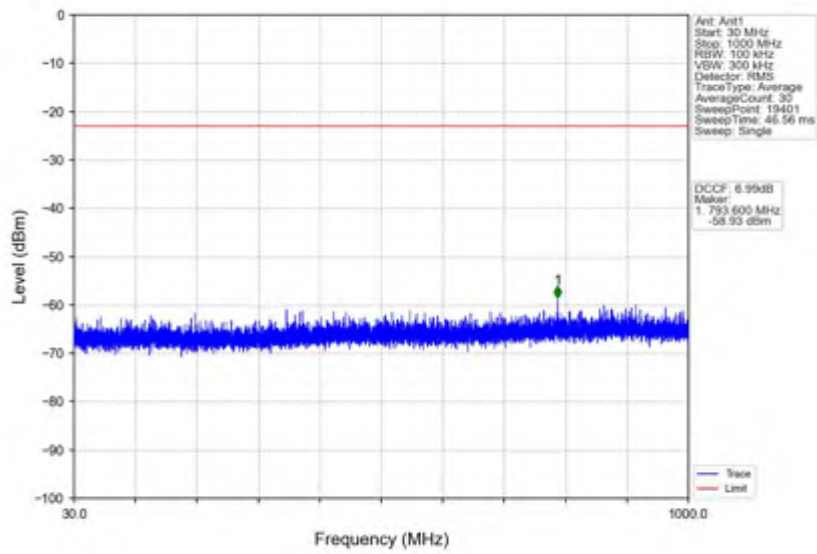
n78(3450-3550MHz) 30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3485.01MHz_Edge_1RB_Left



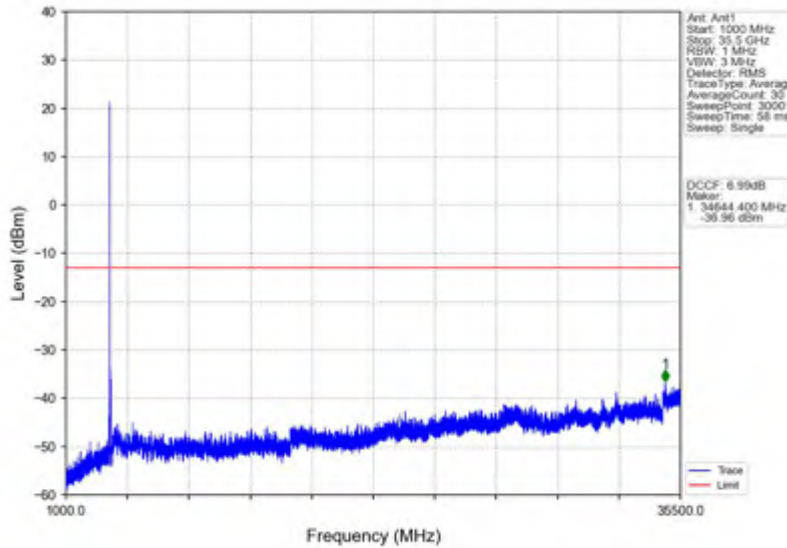
n78(3450-3550MHz) 30kHz SISO_NTNV_70MHz DFT-s-OFDM PI/2 BPSK_3485.01MHz_Edge_1RB_Left



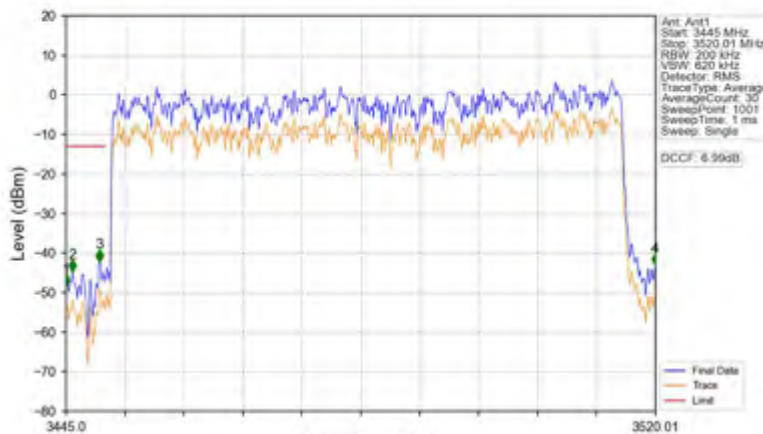
n78(3450-3550MHz) 30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3485.01MHz_Edge_1RB_Left



n78(3450-3550MHz) 30kHz SISO_NTNV_70MHz DFT-s-OFDM PI/2 BPSK 3485.01MHz Edge 1RB Left

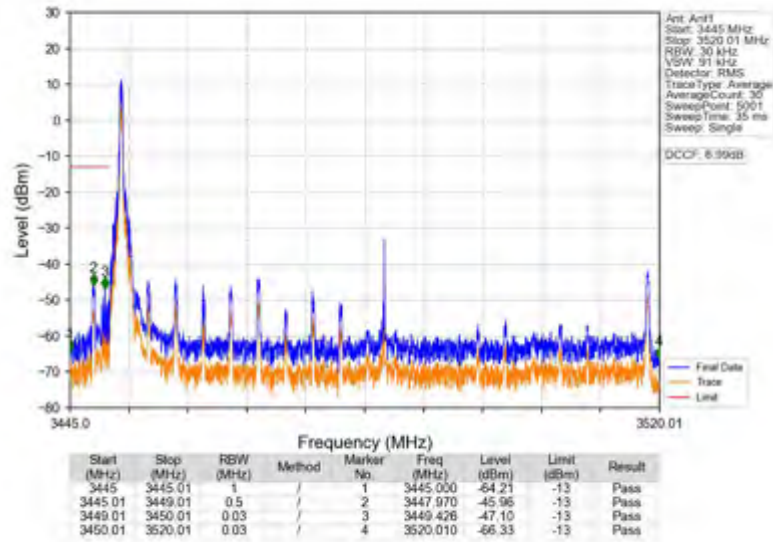


n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3485.01MHz_Outer_Full

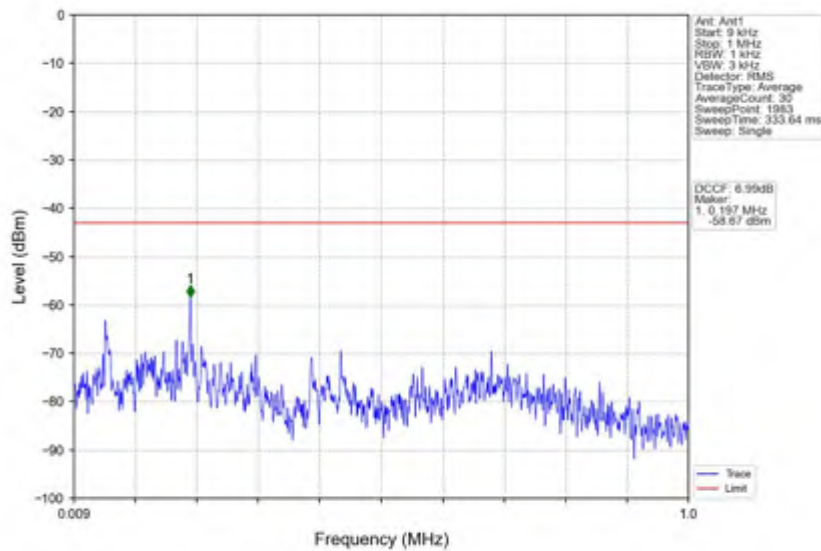


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.01	1	/	1	3445.000	-48.49	-13	Pass
3445.01	3449.01	0.5	/	2	3445.825	-44.77	-13	Pass
3449.01	3450.01	0.2	/	3	3449.276	-42.17	-13	Pass
3450.01	3520.01	0.2	/	4	3520.010	-43.11	-13	Pass

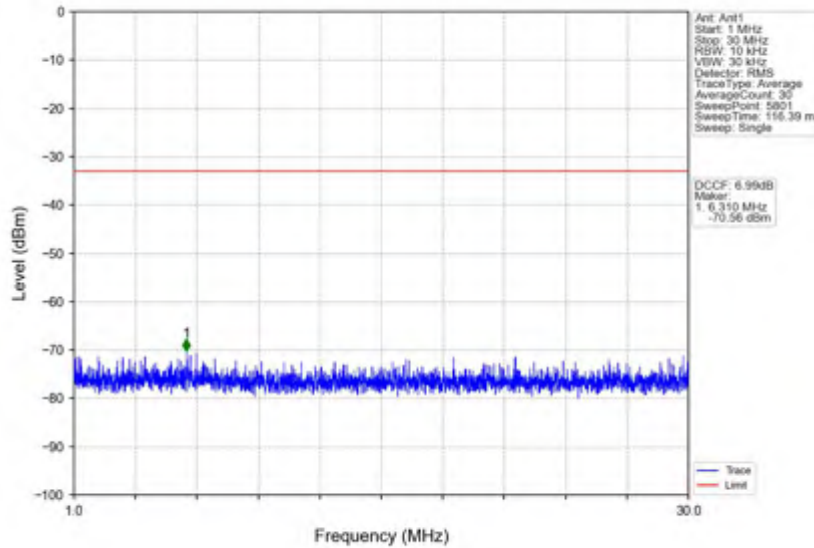
n78(3450-3550MHz) 30kHz SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK 3485.01MHz Inner 1RB Left



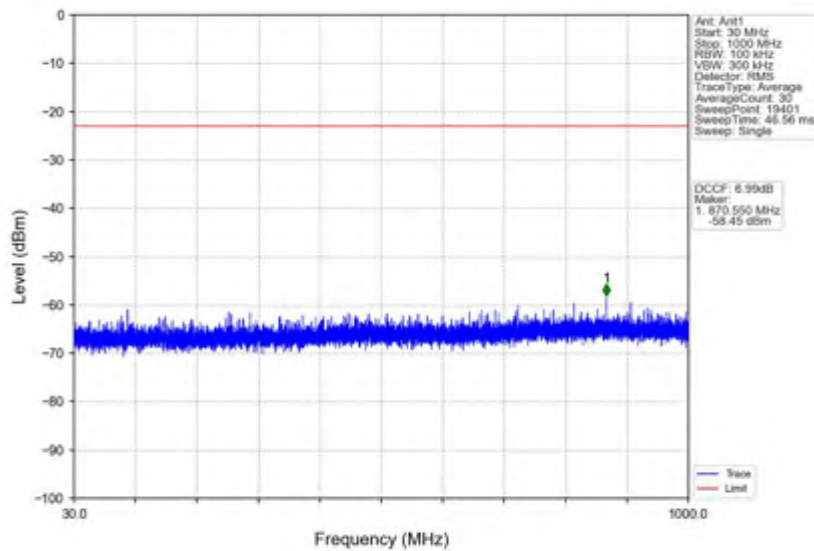
n78(3450-3550MHz) 30kHz SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge 1RB Left



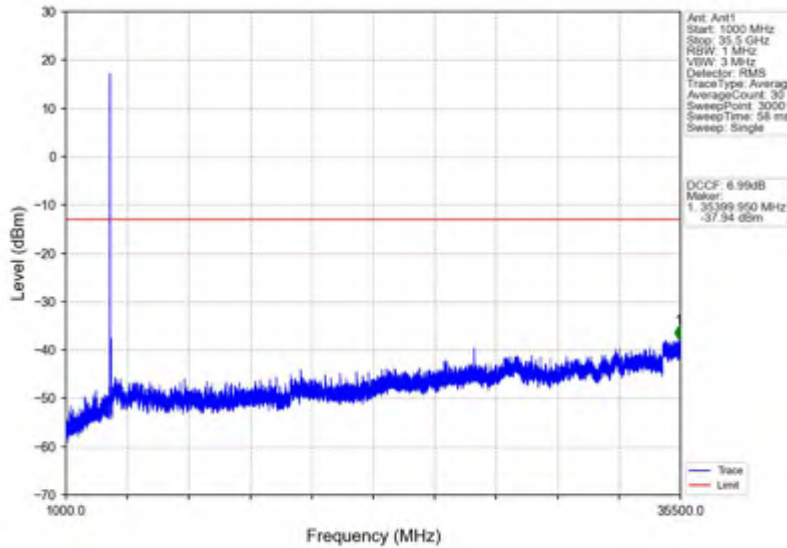
n78(3450-3550MHz) 30kHz SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



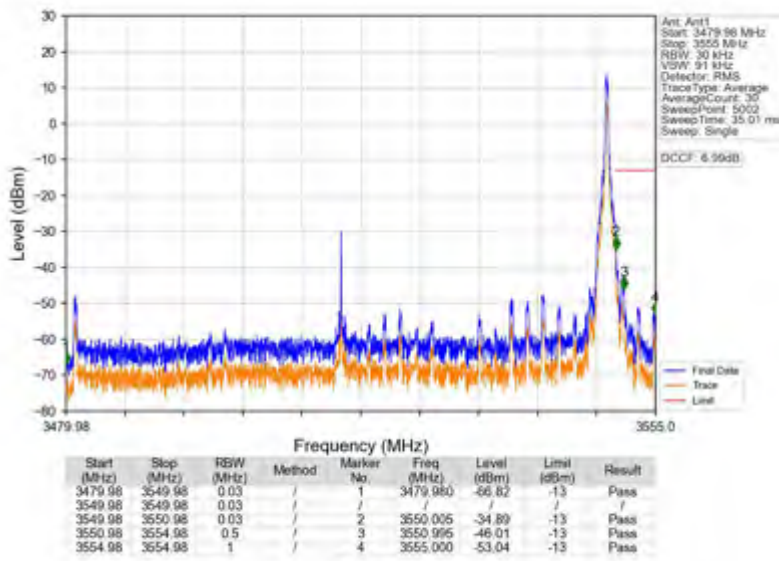
n78(3450-3550MHz) 30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



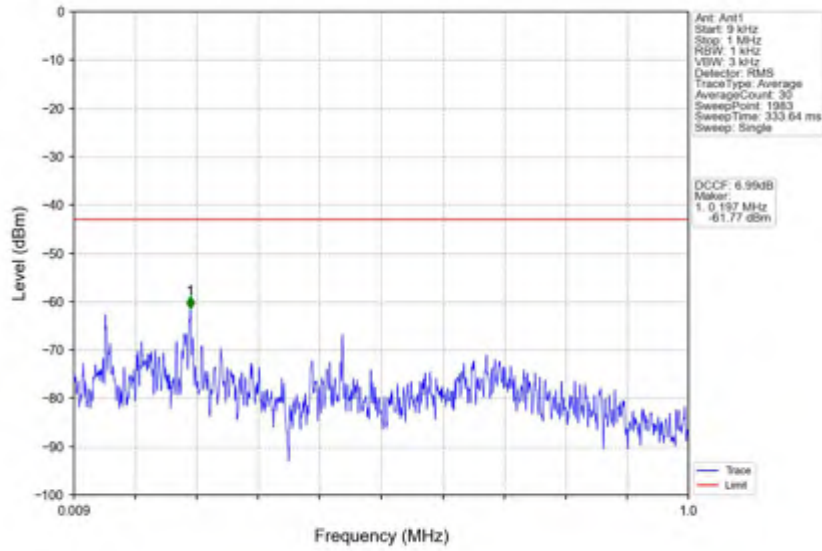
n78(3450-3550MHz) 30kHz SISO_NTNV_70MHz DFT-s-OFDM PI/2 BPSK 3500.01MHz Edge 1RB Left



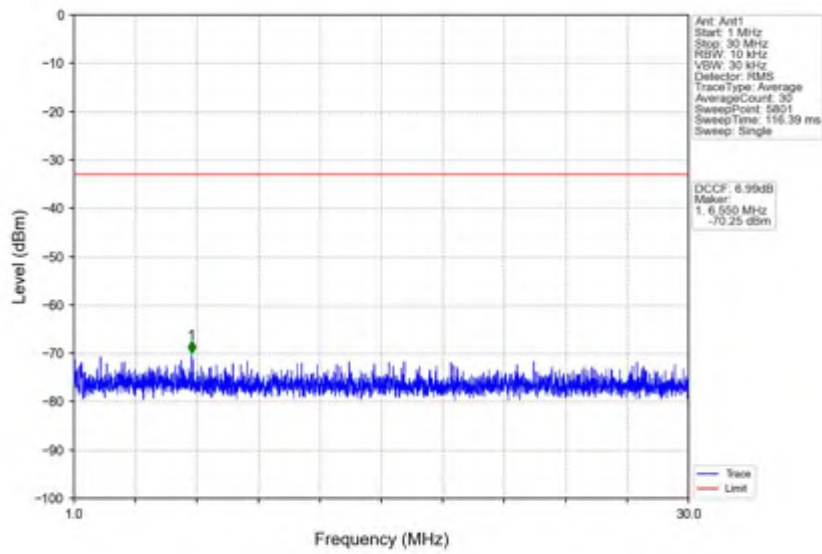
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3514.98MHz_Edge_1RB_Right



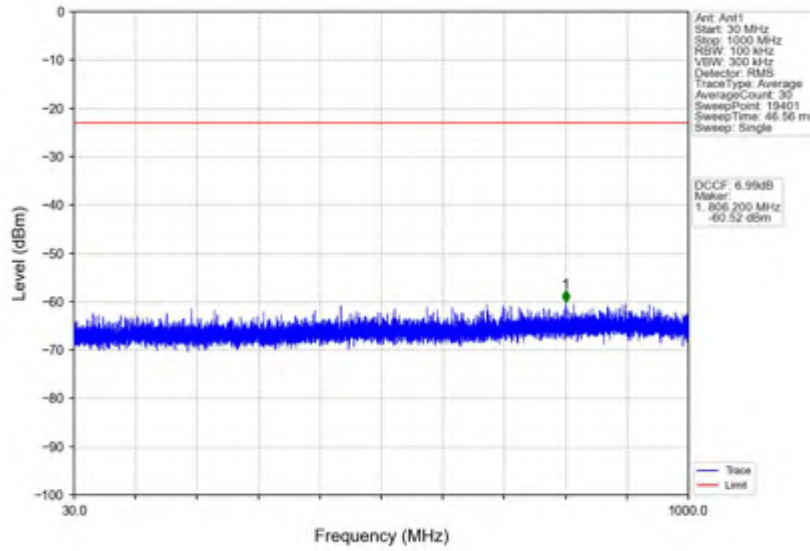
n78(3450-3550MHz) 30kHz SISO NTVN 70MHz DFT-s-OFDM PI/2 BPSK 3514.98MHz_Edge 1RB Right



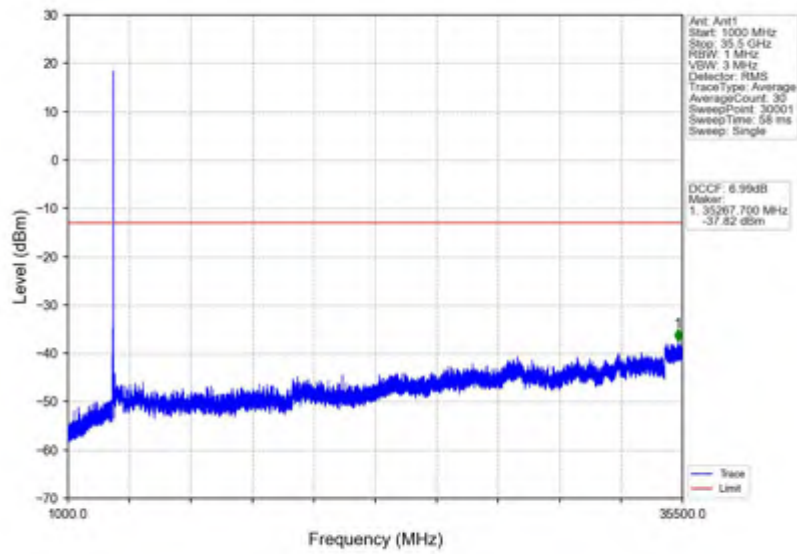
n78(3450-3550MHz) 30kHz SISO NTVN 70MHz DFT-s-OFDM PI/2 BPSK 3514.98MHz_Edge 1RB Right



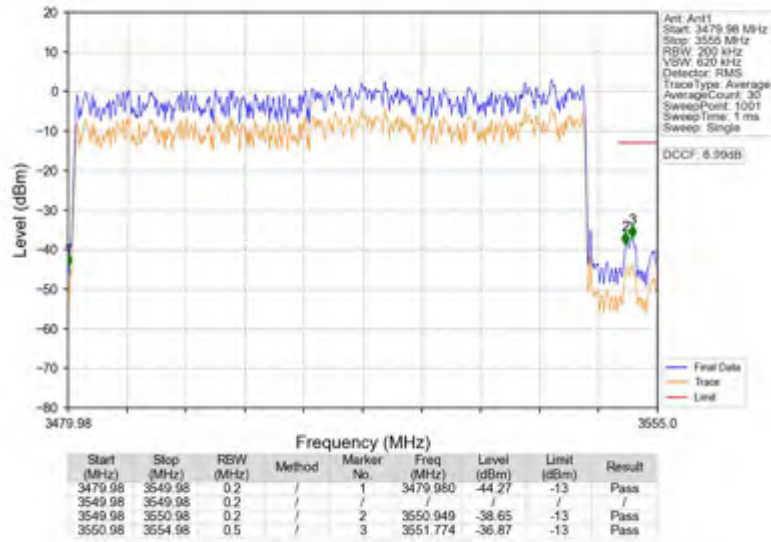
n78(3450-3550MHz) 30kHz SISO NTVN 70MHz DFT-s-OFDM PI/2 BPSK 3514.98MHz Edge 1RB Right



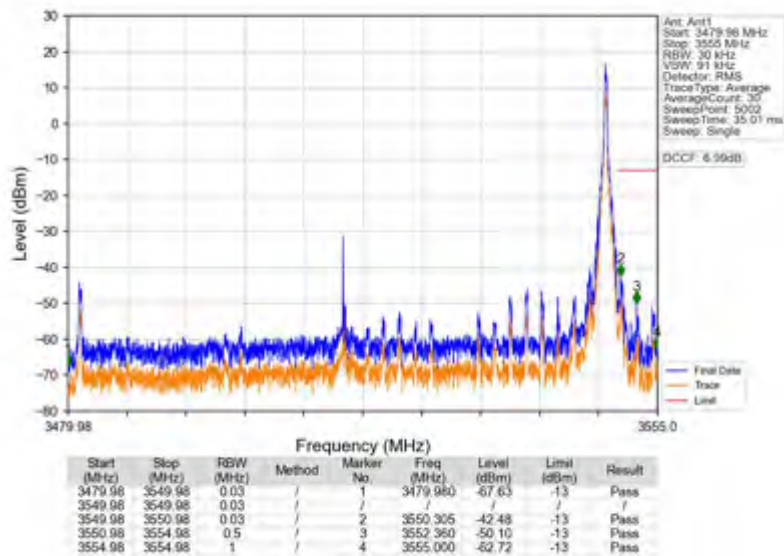
n78(3450-3550MHz) 30kHz SISO NTVN 70MHz DFT-s-OFDM PI/2 BPSK 3514.98MHz Edge 1RB Right



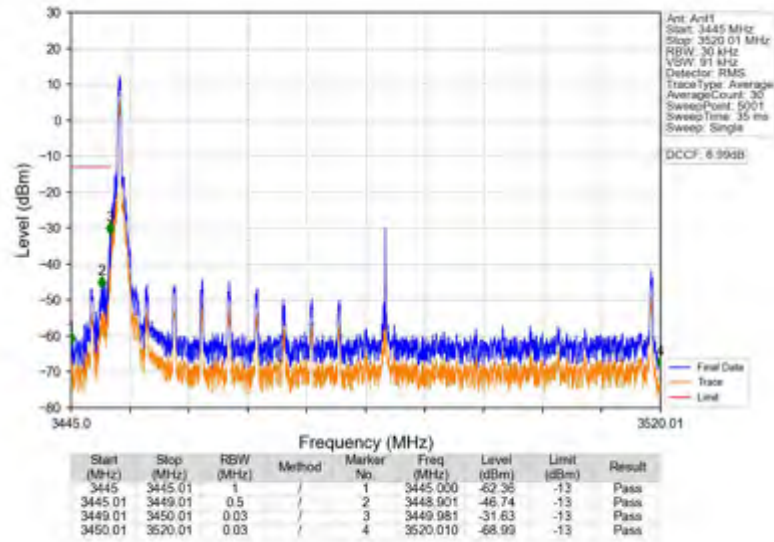
n78(3450-3550MHz) 30kHz SISO NTV 70MHz DFT-s-OFDM PI/2 BPSK 3514.98MHz Outer Full



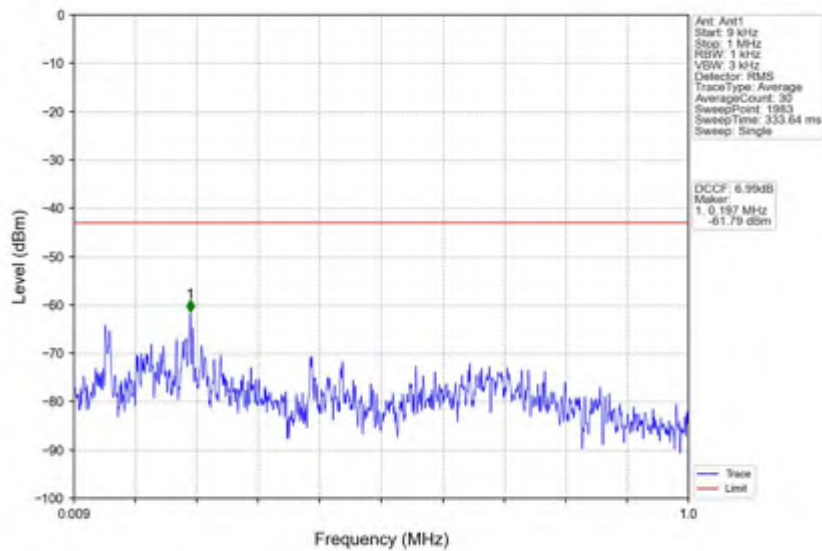
n78(3450-3550MHz) 30kHz SISO NTV 70MHz DFT-s-OFDM PI/2 BPSK 3514.98MHz Inner_1RB_Right



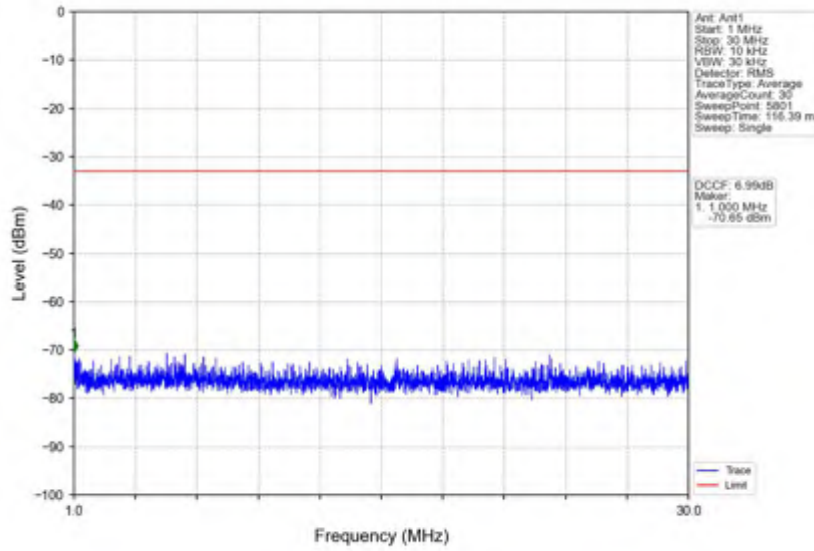
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3485.01MHz_Edge_1RB_Left



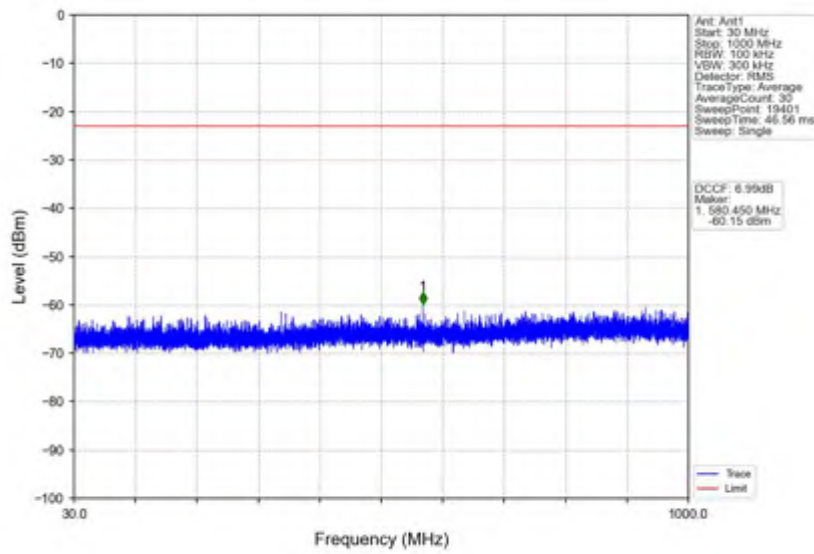
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3485.01MHz_Edge_1RB_Left



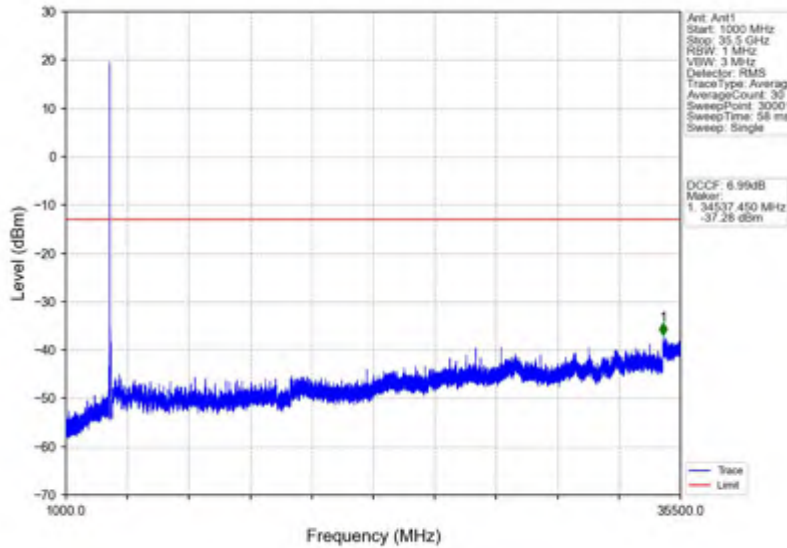
n78(3450-3550MHz) 30kHz SISO NTVN 70MHz DFT-s-OFDM QPSK 3485.01MHz Edge 1RB Left



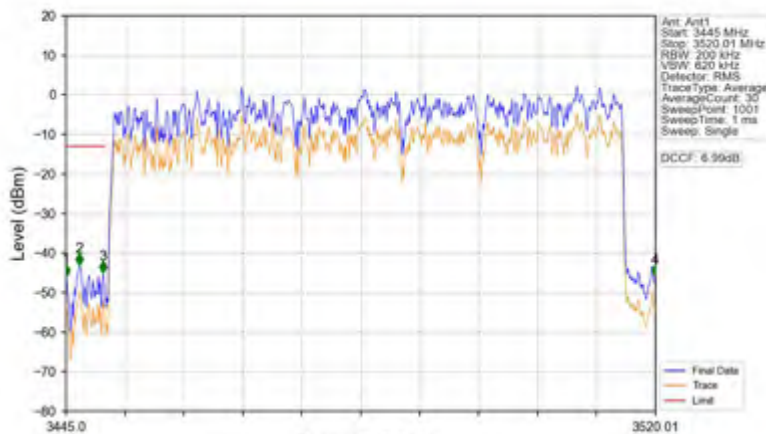
n78(3450-3550MHz) 30kHz SISO NTVN 70MHz DFT-s-OFDM QPSK 3485.01MHz Edge 1RB Left



n78(3450-3550MHz) 30kHz SISO NTVN 70MHz DFT-s-OFDM QPSK 3485.01MHz Edge 1RB Left

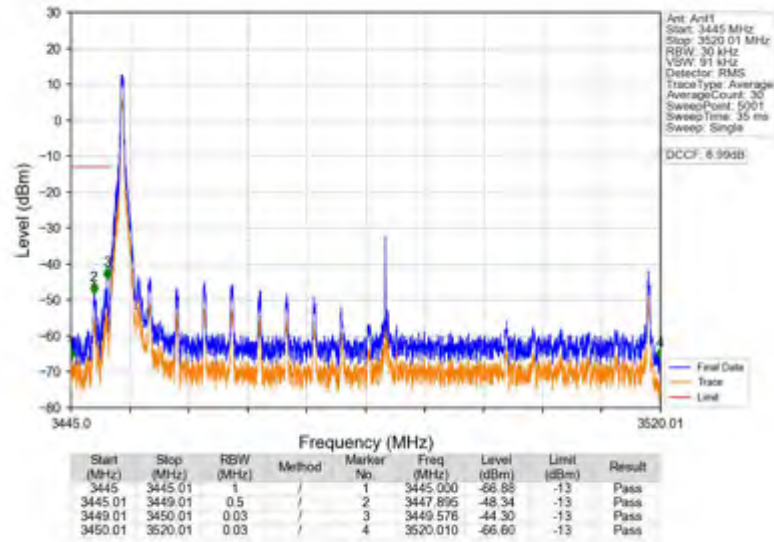


n78(3450-3550MHz) 30kHz SISO NTVN 70MHz DFT-s-OFDM QPSK 3485.01MHz Outer Full

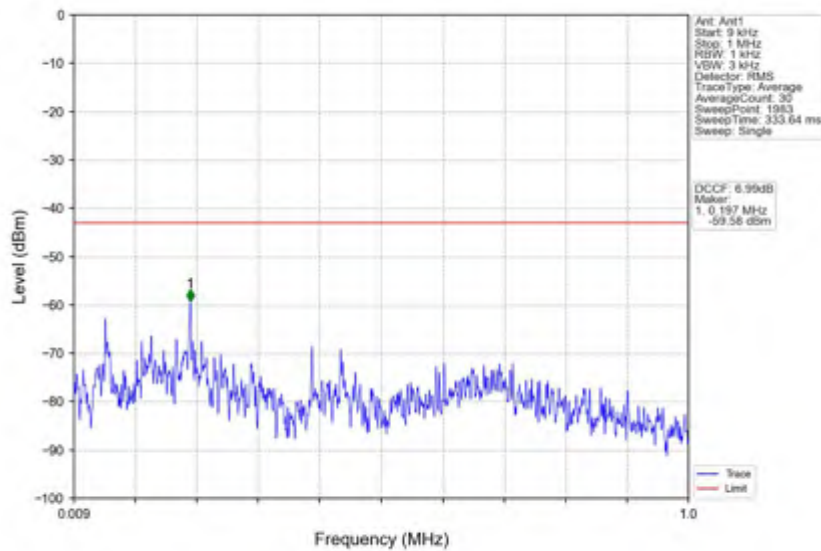


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.01	1	/	1	3445.000	-45.89	-13	Pass
3445.01	3449.01	0.5	/	2	3446.725	-43.12	-13	Pass
3449.01	3450.01	0.2	/	3	3449.726	-45.07	-13	Pass
3450.01	3520.01	0.2	/	4	3520.010	-45.99	-13	Pass

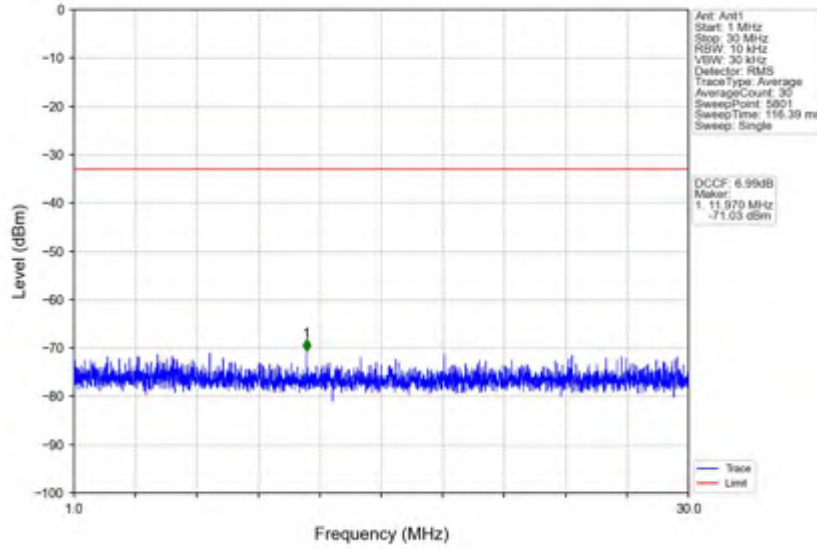
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3485.01MHz_Inner_1RB_Left



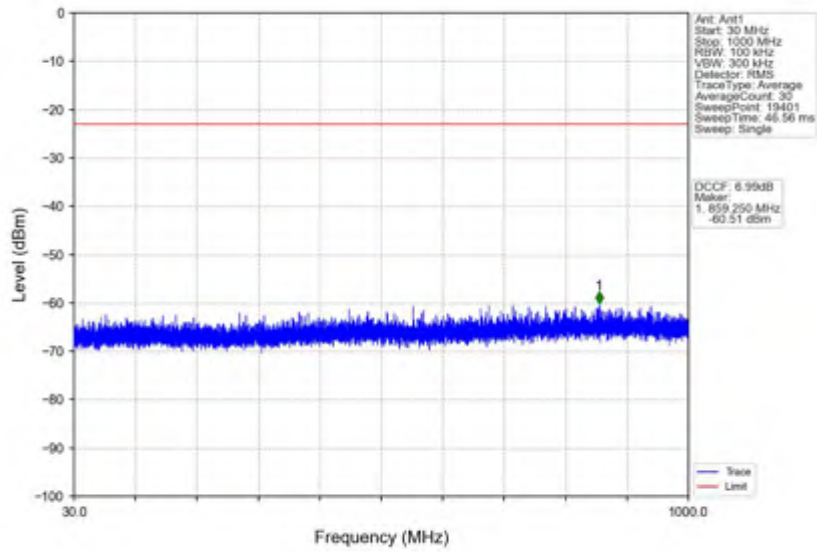
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



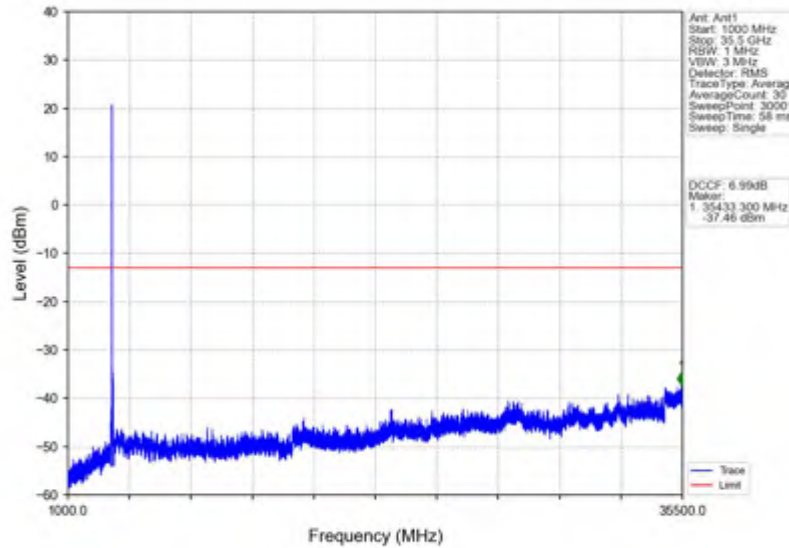
n78(3450-3550MHz) 30kHz SISO NTVN 70MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



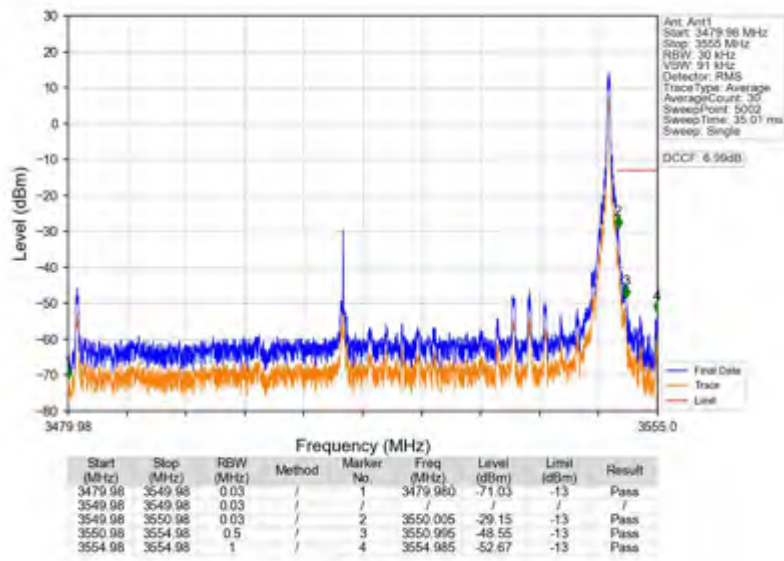
n78(3450-3550MHz) 30kHz SISO NTVN 70MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



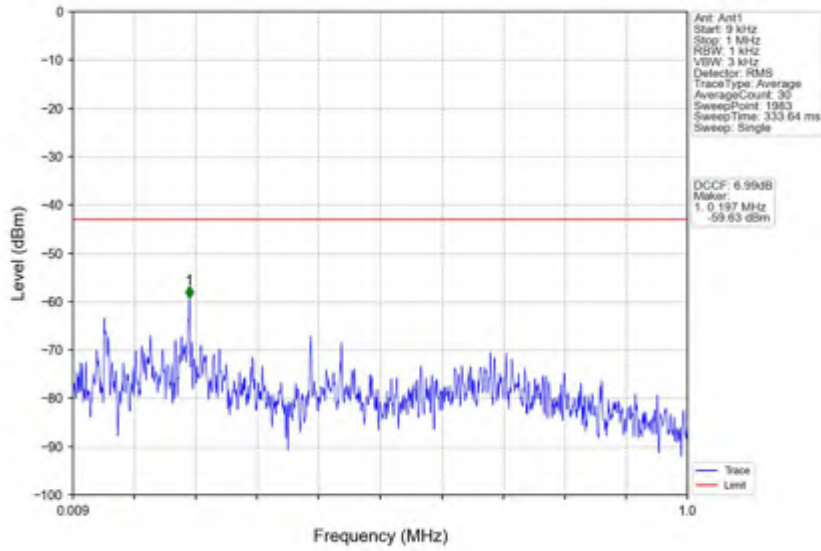
n78(3450-3550MHz) 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



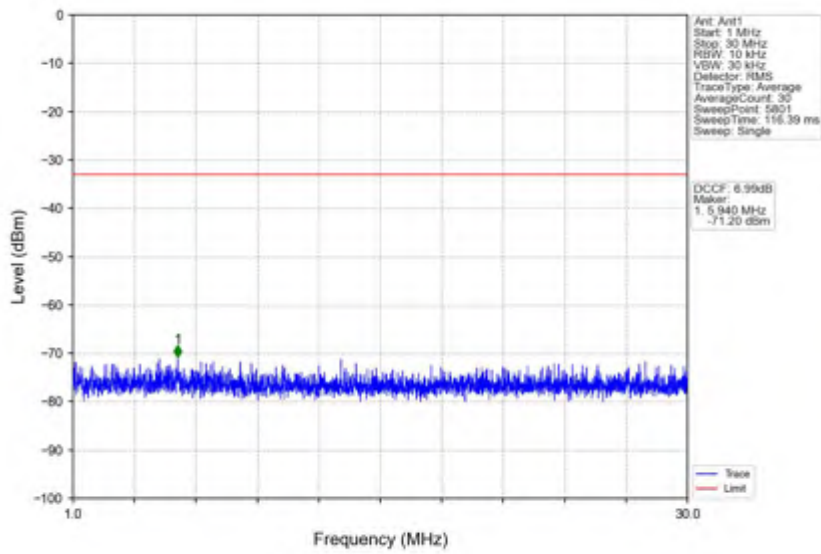
n78(3450-3550MHz) 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3514.98MHz Edge 1RB Right



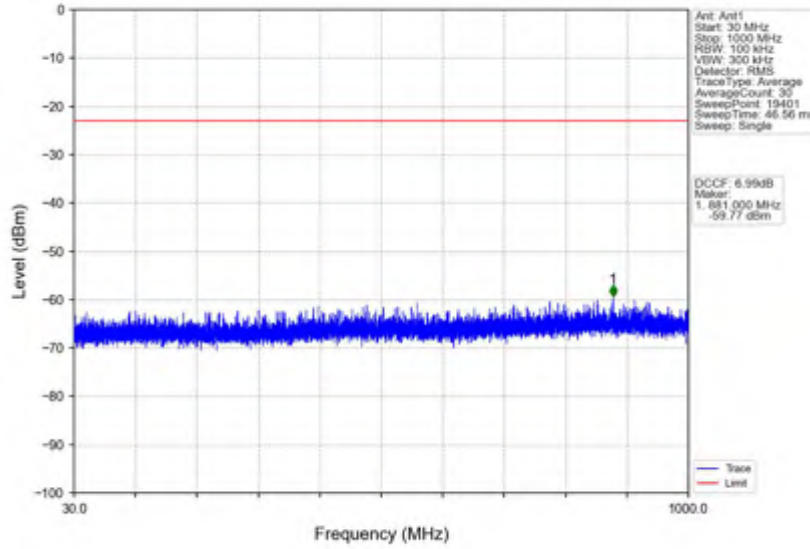
n78(3450-3550MHz) 30kHz SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3514.98MHz_Edge_1RB_Right



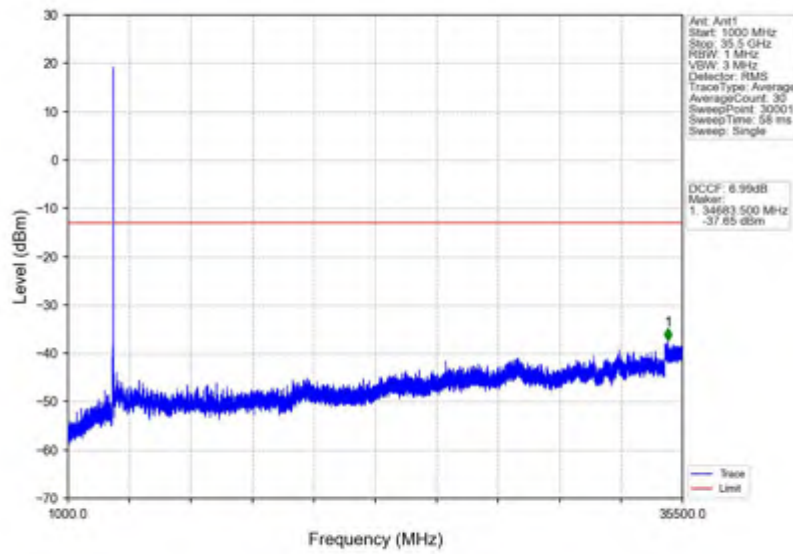
n78(3450-3550MHz) 30kHz SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3514.98MHz_Edge_1RB_Right



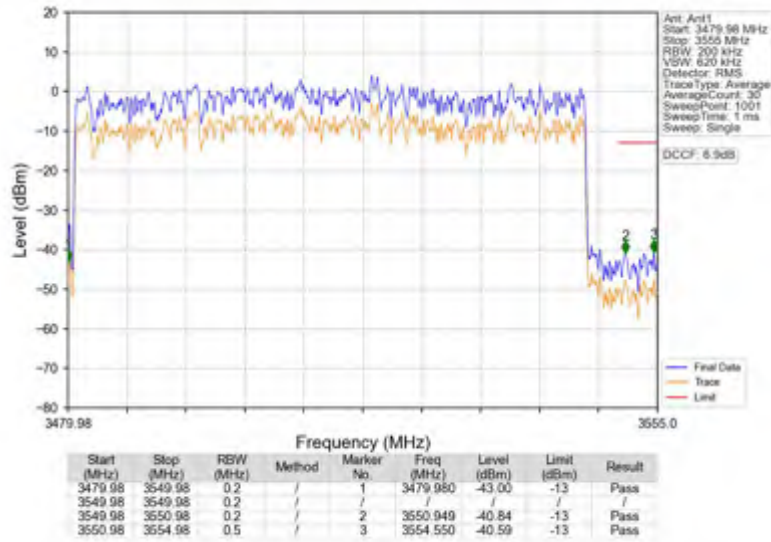
n78(3450-3550MHz) 30kHz SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3514.98MHz_Edge_1RB_Right



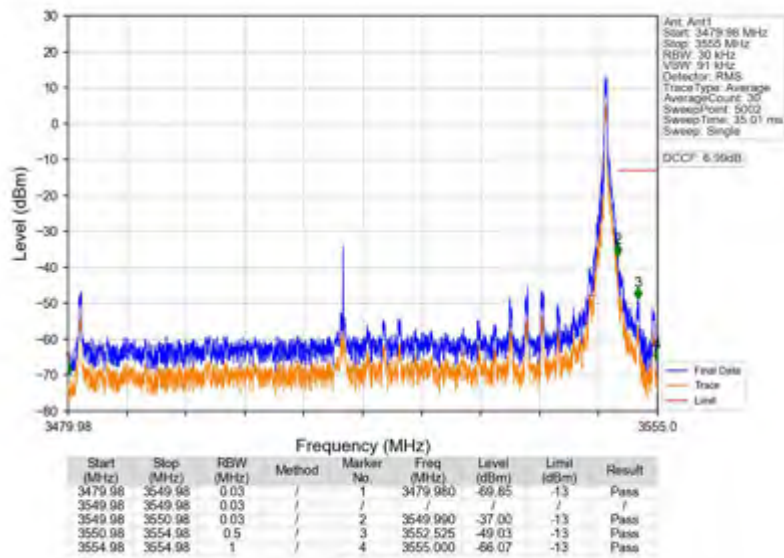
n78(3450-3550MHz) 30kHz SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3514.98MHz_Edge_1RB_Right



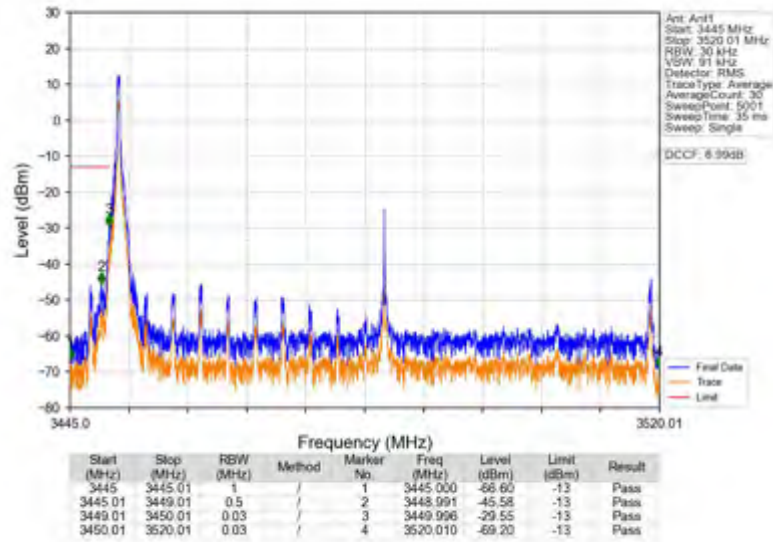
n78(3450-3550MHz) 30kHz SISO NTV 70MHz DFT-s-OFDM QPSK 3514.98MHz Outer Full



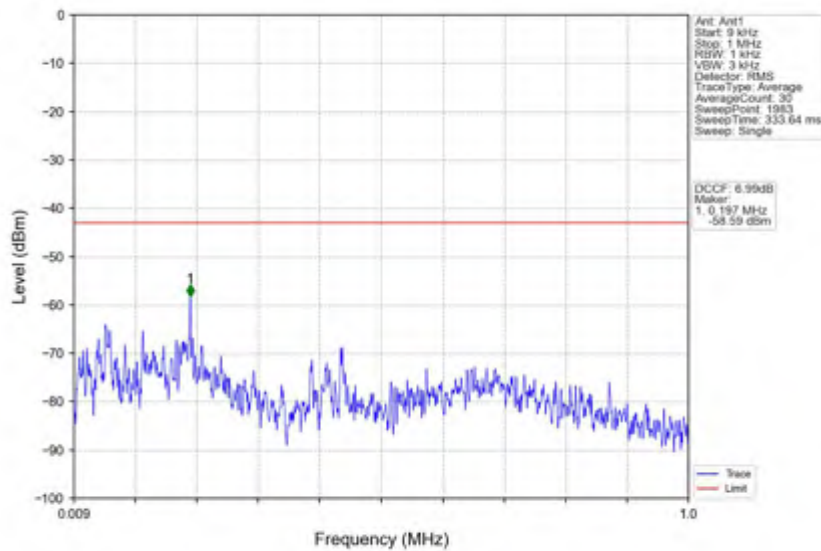
n78(3450-3550MHz) 30kHz SISO NTV 70MHz DFT-s-OFDM QPSK 3514.98MHz Inner 1RB Right



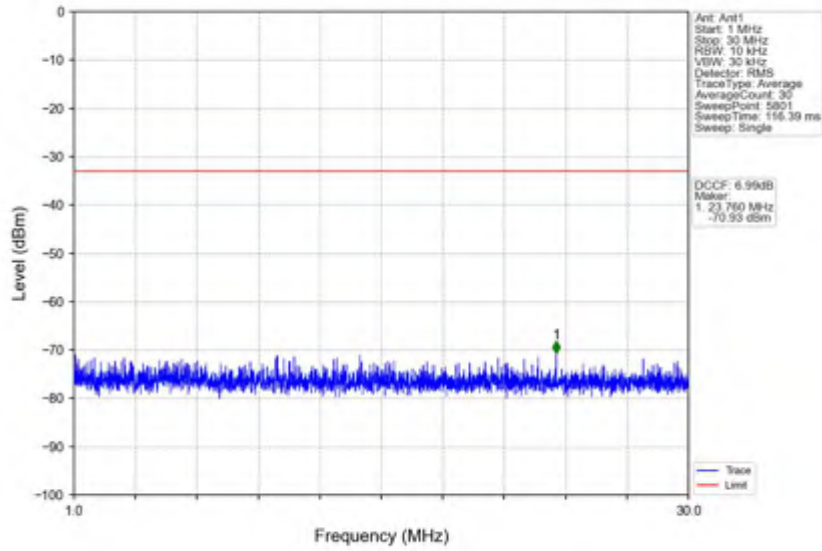
n78(3450-3550MHz) 30kHz SISO NTN 70MHz CP-OFDM QPSK 3485.01MHz Edge 1RB Left



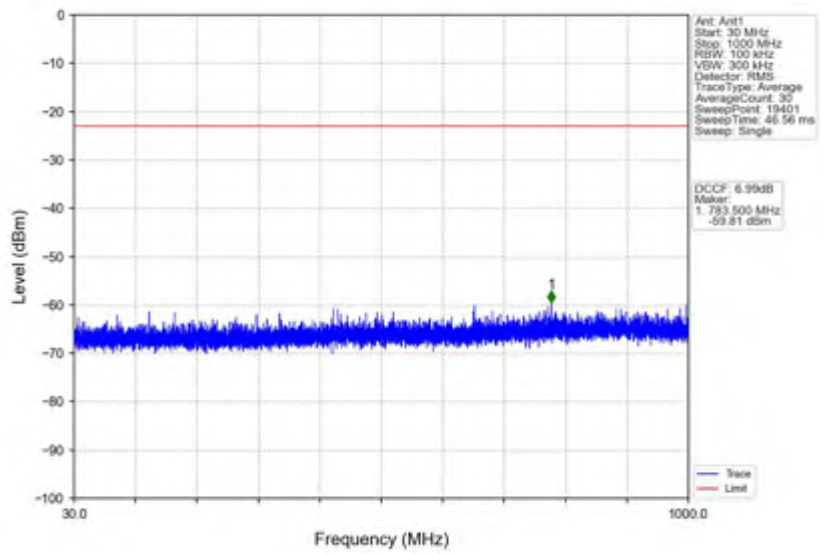
n78(3450-3550MHz) 30kHz SISO NTN 70MHz CP-OFDM QPSK 3485.01MHz Edge 1RB Left



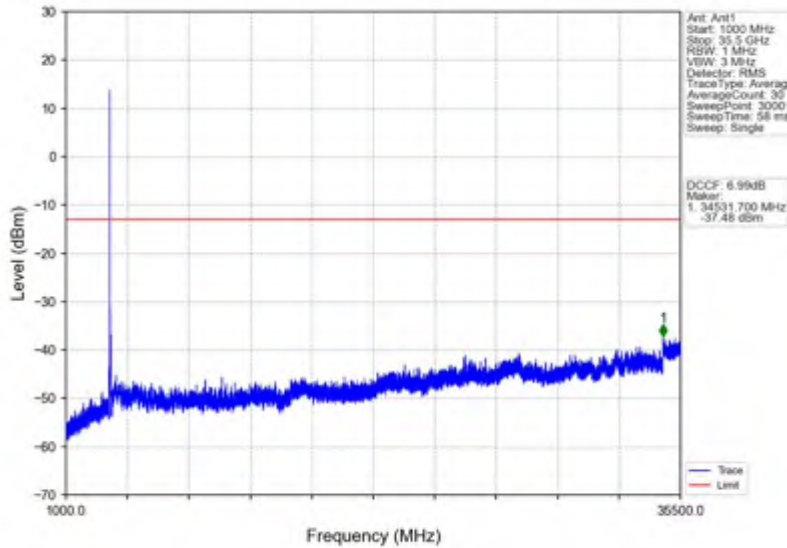
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3485.01MHz_Edge_1RB_Left



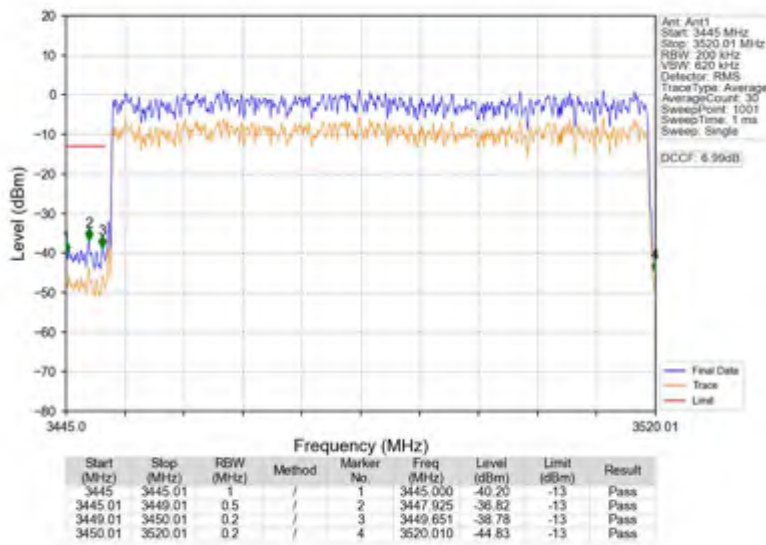
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3485.01MHz_Edge_1RB_Left



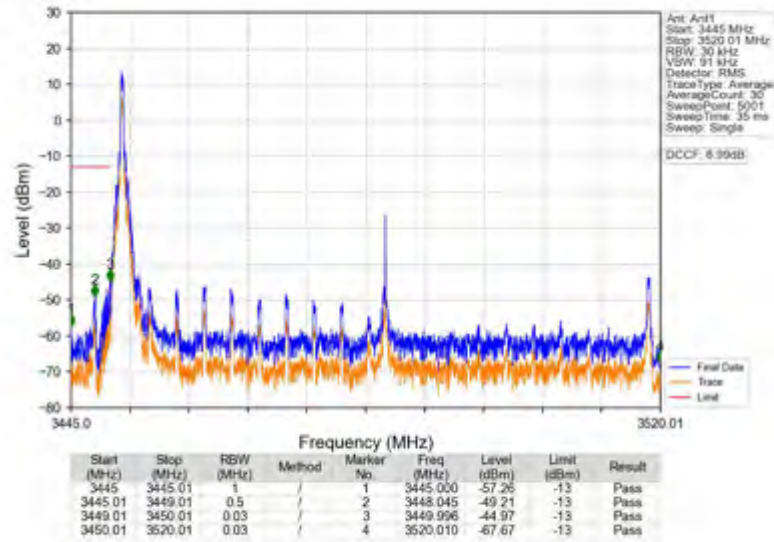
n78(3450-3550MHz) 30kHz SISO NTN 70MHz CP-OFDM QPSK 3485.01MHz Edge 1RB Left



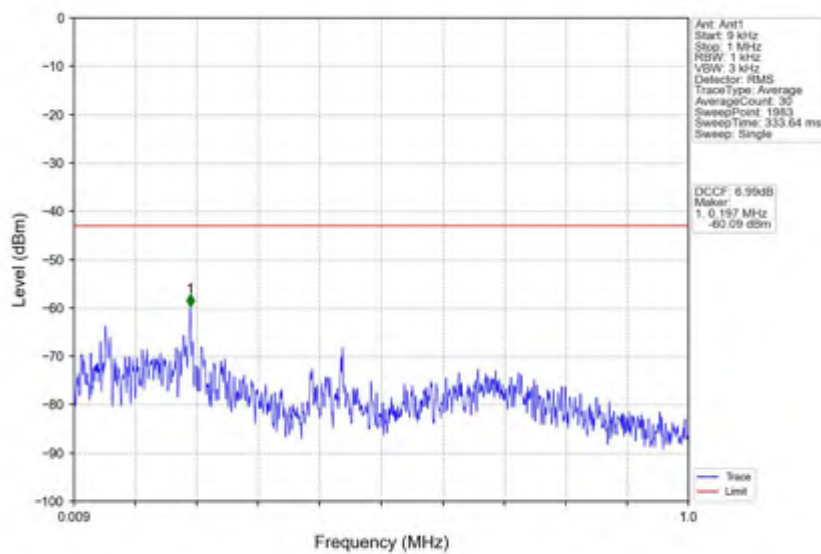
n78(3450-3550MHz) 30kHz SISO NTN 70MHz CP-OFDM QPSK 3485.01MHz Outer_Full



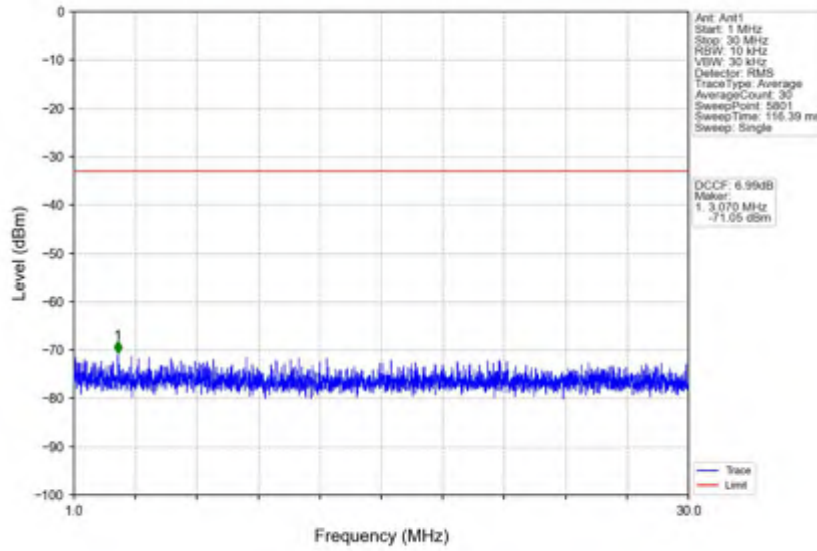
n78(3450-3550MHz) 30kHz SISO NTN_V 70MHz CP-OFDM QPSK 3485.01MHz Inner 1RB Left



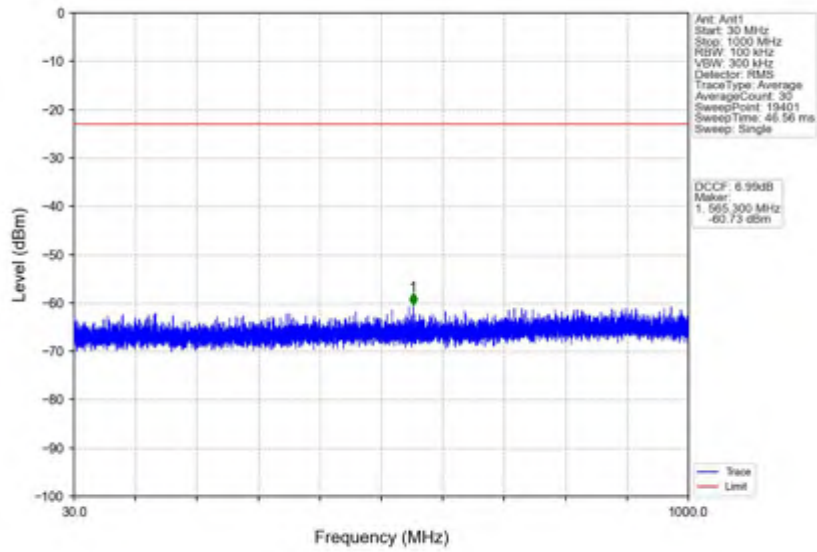
n78(3450-3550MHz) 30kHz SISO NTN_V 70MHz CP-OFDM QPSK 3500.01MHz_Edge 1RB_Left



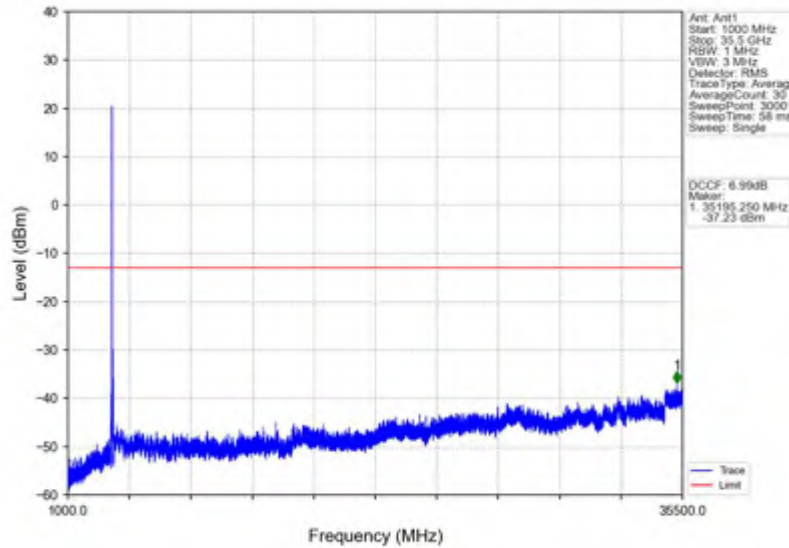
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



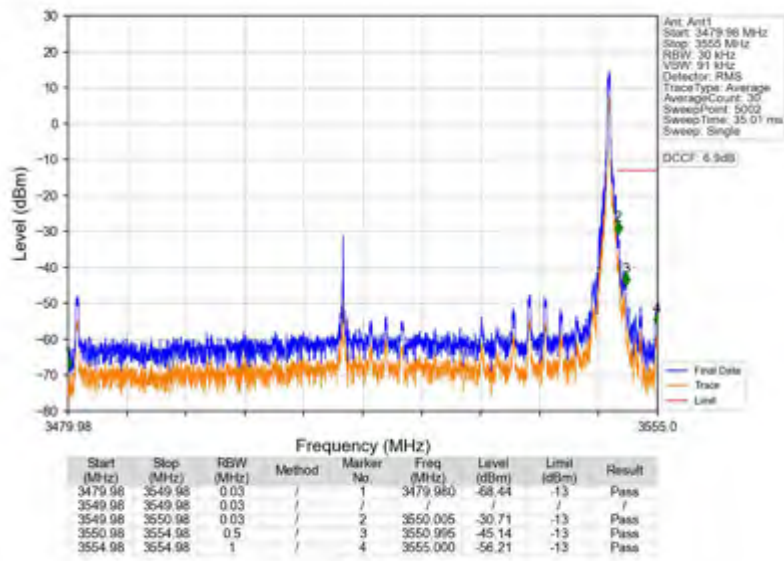
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



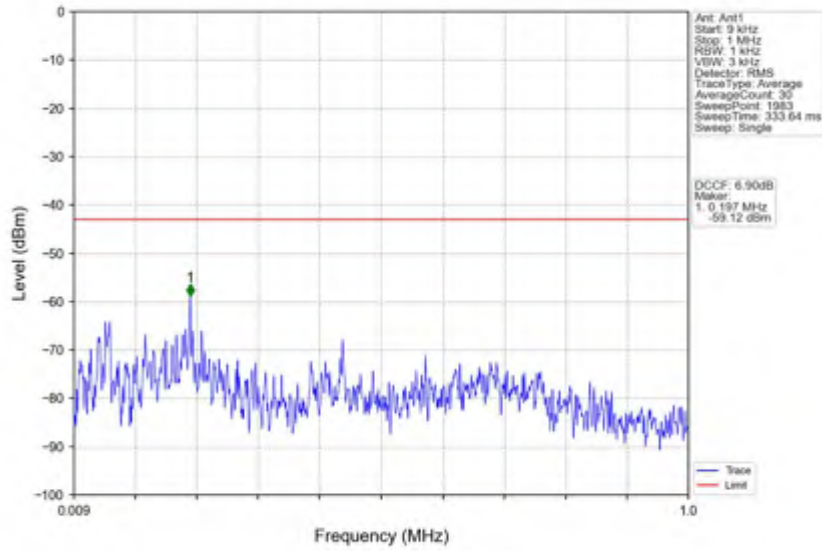
n78(3450-3550MHz) 30kHz SISO NTN 70MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left



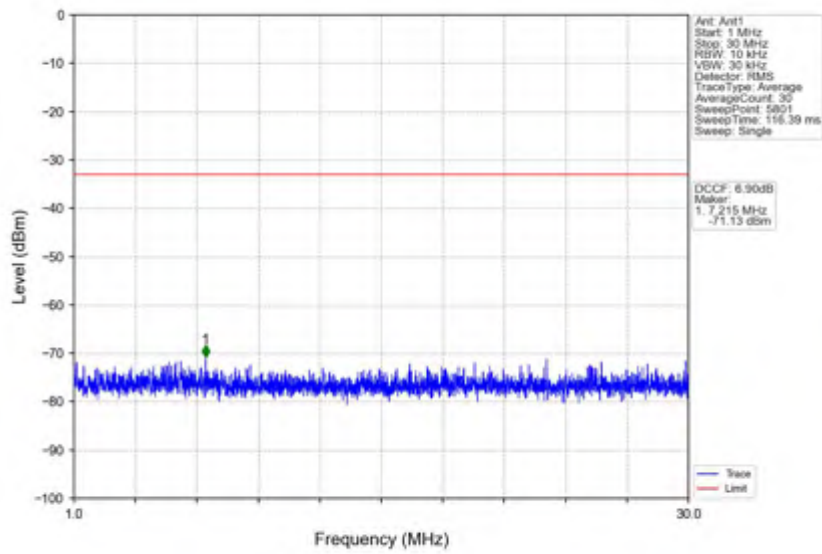
n78(3450-3550MHz) 30kHz SISO NTN 70MHz CP-OFDM QPSK 3514.98MHz Edge 1RB Right



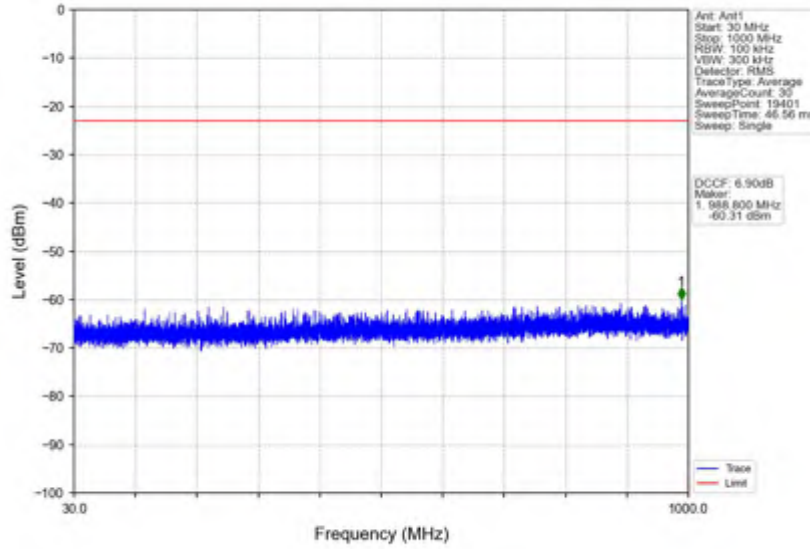
n78(3450-3550MHz) 30kHz SISO_NTNV_70MHz_CP-OFDM QPSK_3514.98MHz_Edge_1RB_Right



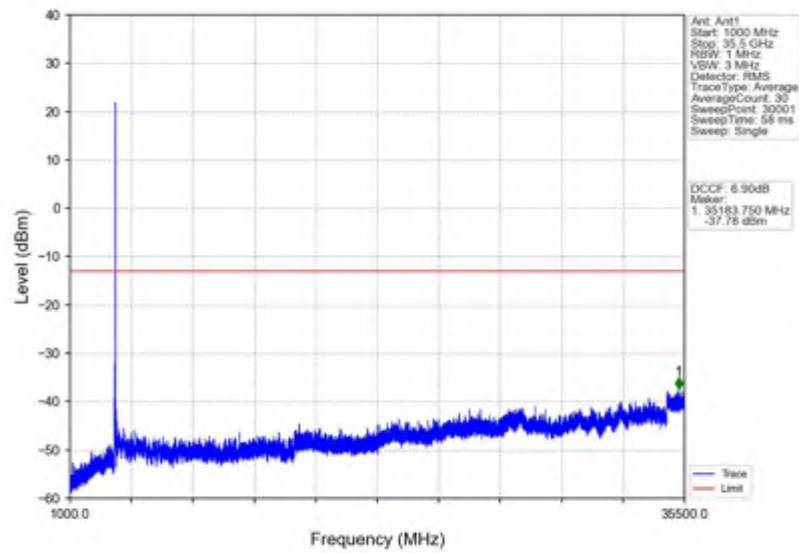
n78(3450-3550MHz) 30kHz SISO_NTNV_70MHz_CP-OFDM QPSK_3514.98MHz_Edge_1RB_Right



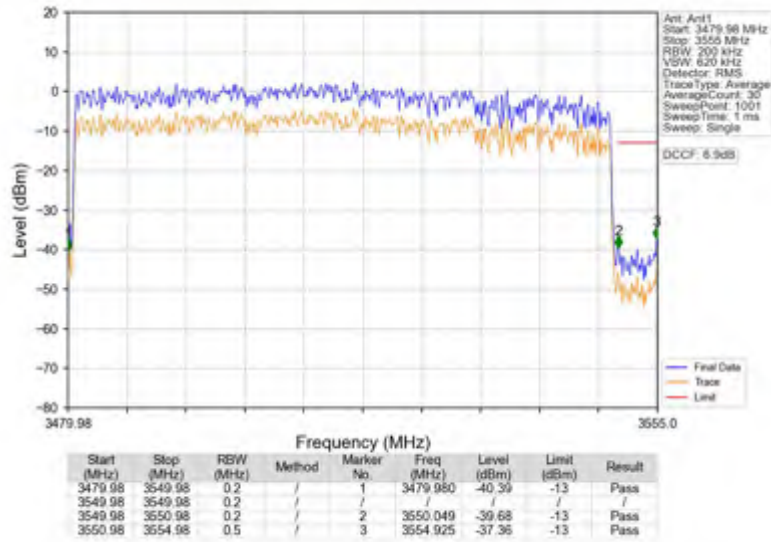
n78(3450-3550MHz) 30kHz SISO_NTNV_70MHz_CP-OFDM QPSK_3514.98MHz_Edge_1RB_Right



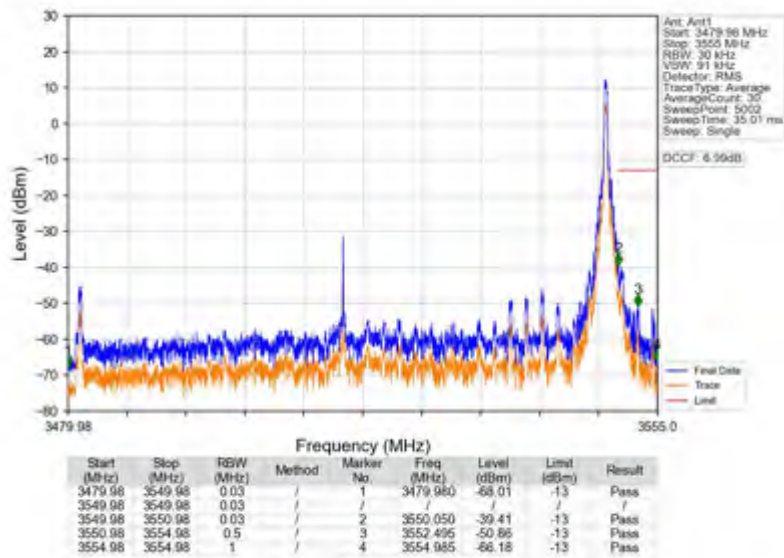
n78(3450-3550MHz) 30kHz SISO_NTNV_70MHz_CP-OFDM QPSK_3514.98MHz_Edge_1RB_Right



n78(3450-3550MHz) 30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3514.98MHz_Outer_Full



n78(3450-3550MHz) 30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3514.98MHz_Inner_1RB_Right



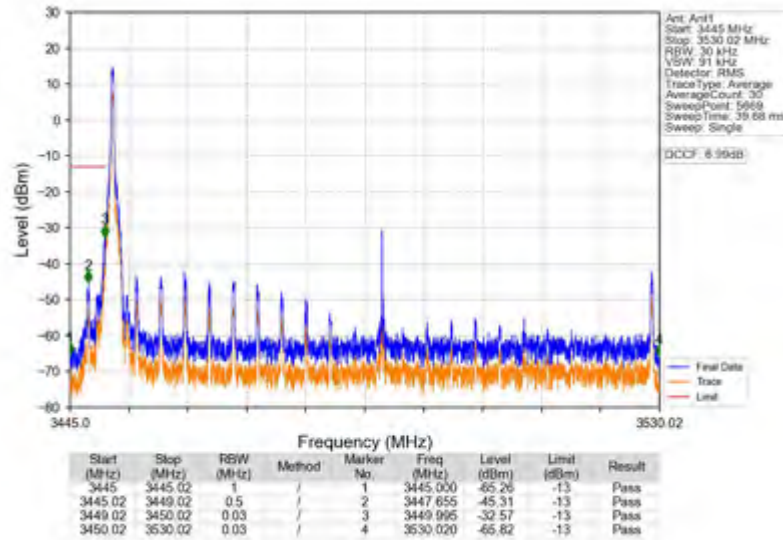
5.7 30k_SISO_80MHz_NTNV

5.7.1 Test Result

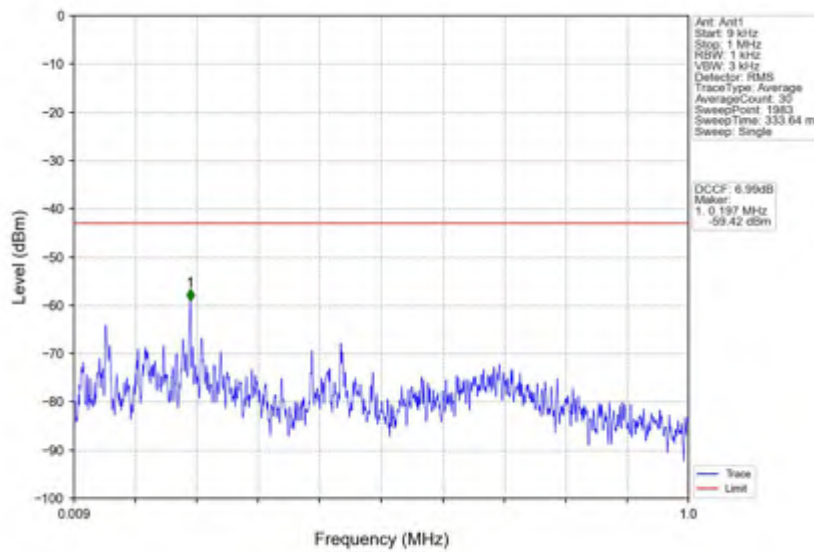
5G NR n78(3450-3550MHz) SCS=30kHz SISO 80MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict	
			Ant1	Ant2	Sum		Limit
DFT-s-OFDM PI/2 BPSK	3490.02	Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Left	Refer To Test Graph			Pass	
	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
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
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	

5.7.2 Test Graph

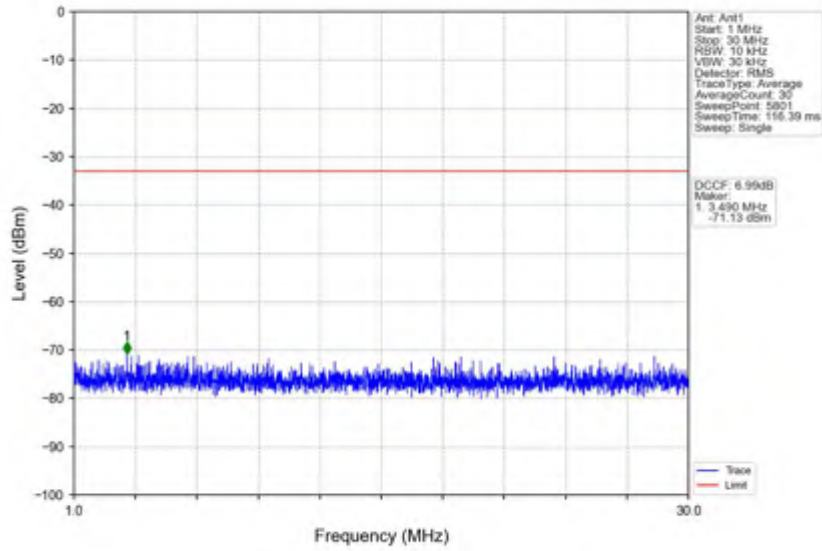
n78(3450-3550MHz) 30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3490.02MHz_Edge_1RB_Left



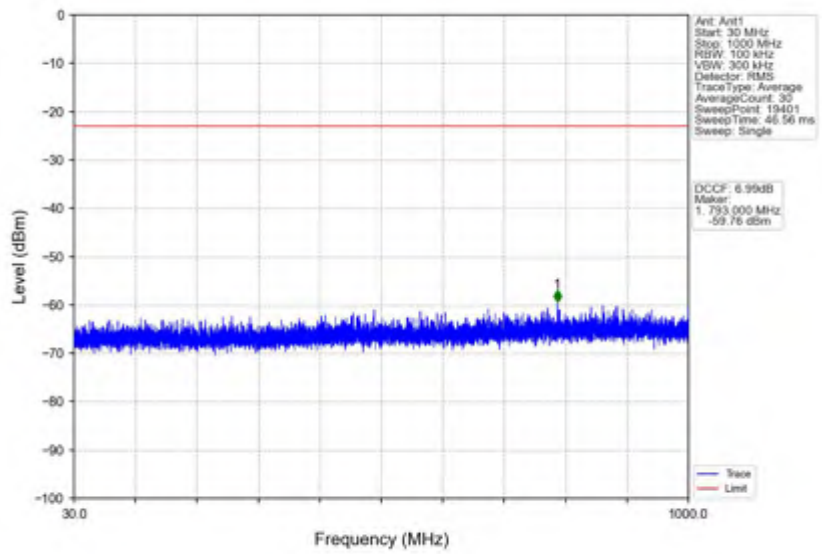
n78(3450-3550MHz) 30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3490.02MHz_Edge_1RB_Left



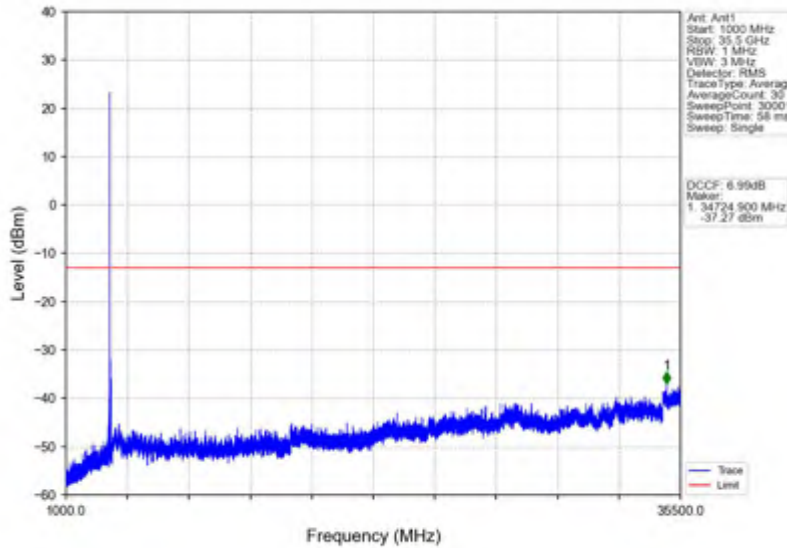
n78(3450-3550MHz) 30kHz SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3490.02MHz_Edge_1RB_Left



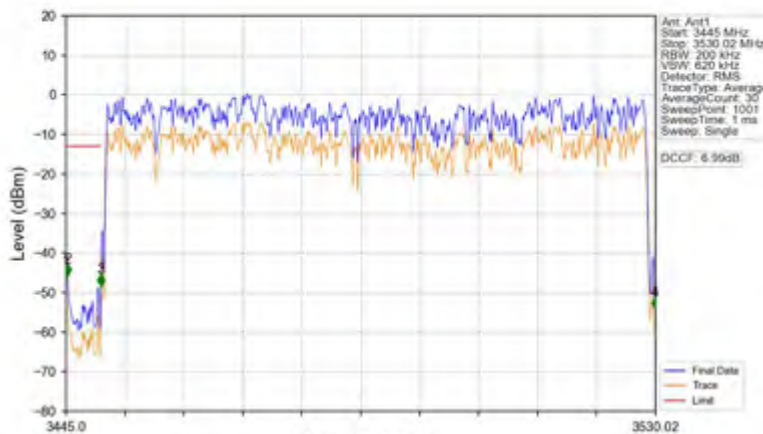
n78(3450-3550MHz) 30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3490.02MHz_Edge_1RB_Left



n78(3450-3550MHz) 30kHz SISO_NTNV_80MHz DFT-s-OFDM PI/2 BPSK 3490.02MHz Edge 1RB Left

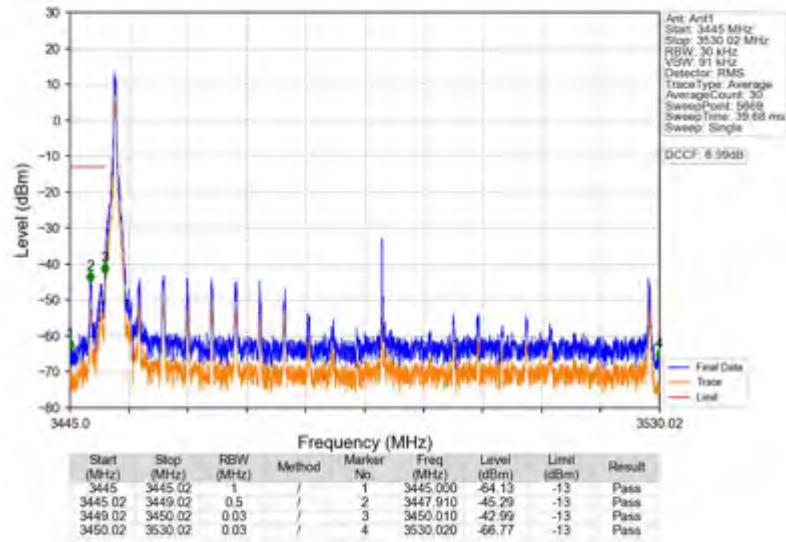


n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3490.02MHz_Outer_Full

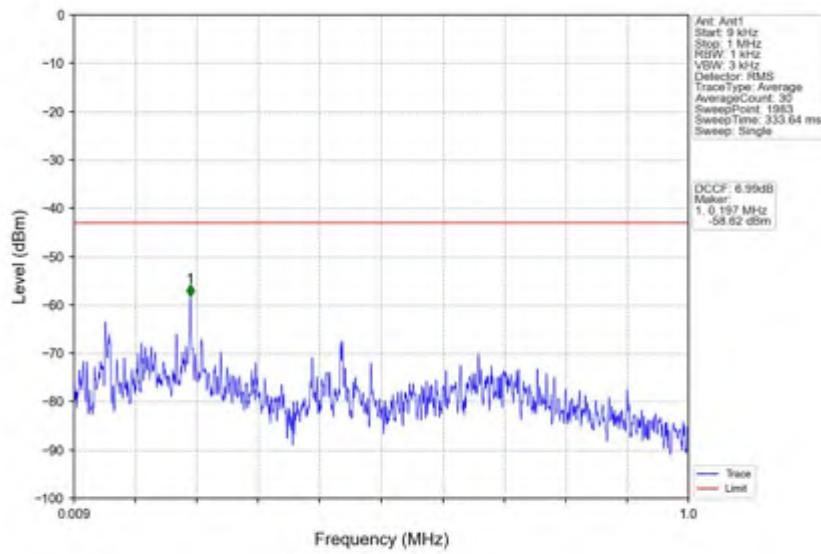


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.02	1	/	1	3445.000	-46.39	-13	Pass
3445.02	3449.02	0.5	/	2	3445.170	-45.75	-13	Pass
3449.02	3450.02	0.2	/	3	3450.016	-48.45	-13	Pass
3450.02	3530.02	0.2	/	4	3530.020	-54.24	-13	Pass

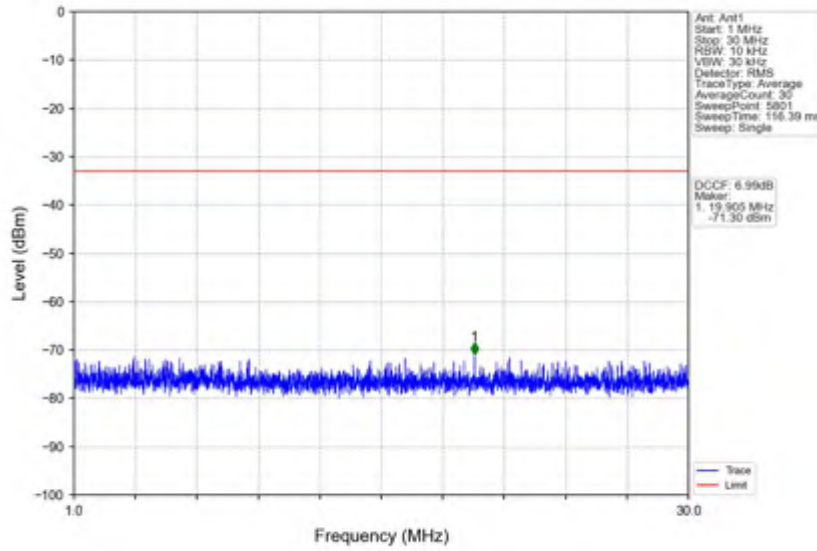
n78(3450-3550MHz) 30kHz SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3490.02MHz_Inner_1RB_Left



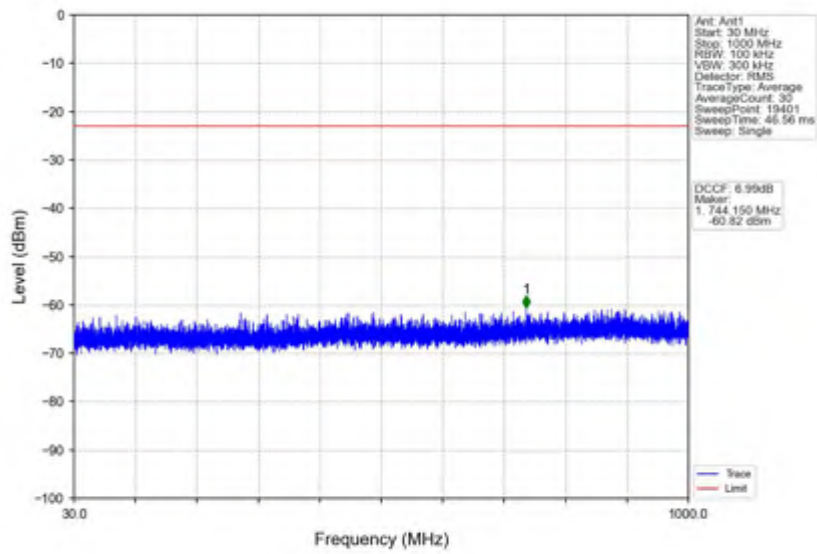
n78(3450-3550MHz) 30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



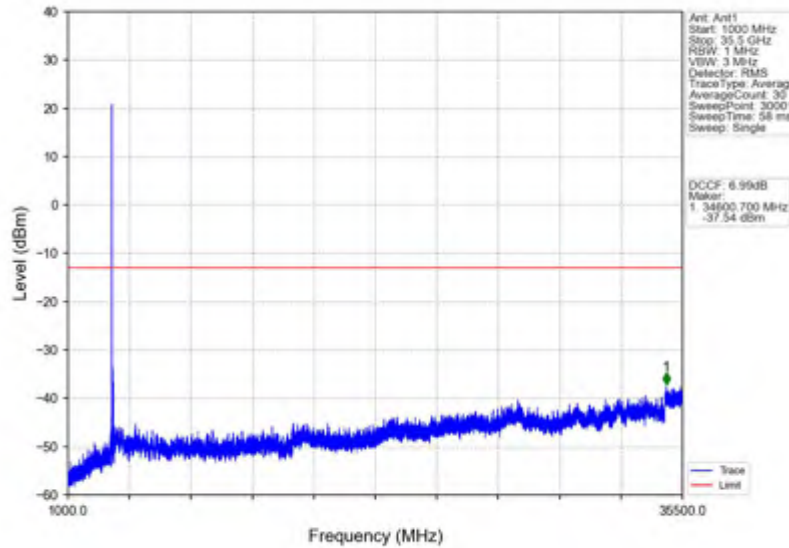
n78(3450-3550MHz) 30kHz SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



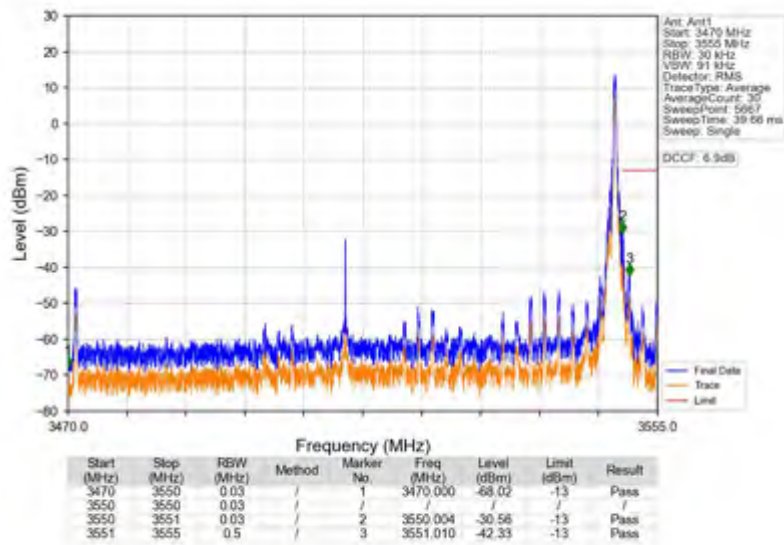
n78(3450-3550MHz) 30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



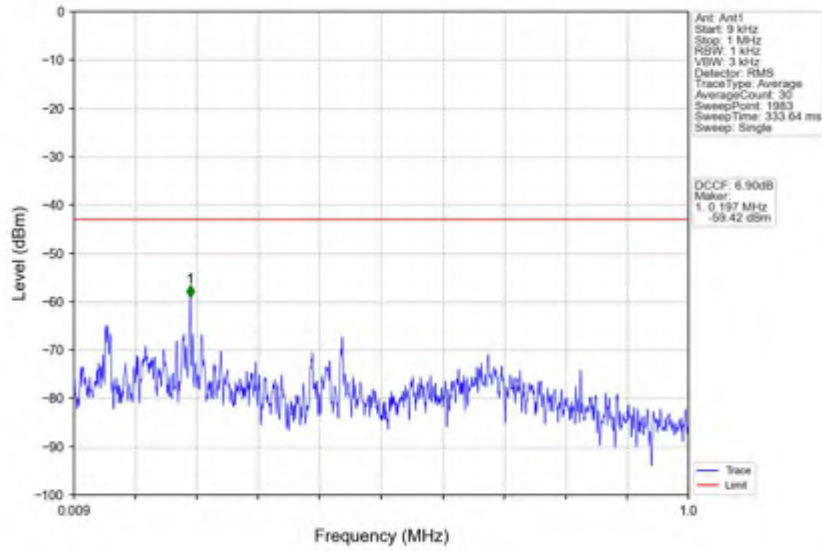
n78(3450-3550MHz) 30kHz SISO_NTNV_80MHz DFT-s-OFDM PI/2 BPSK 3500.01MHz Edge 1RB Left



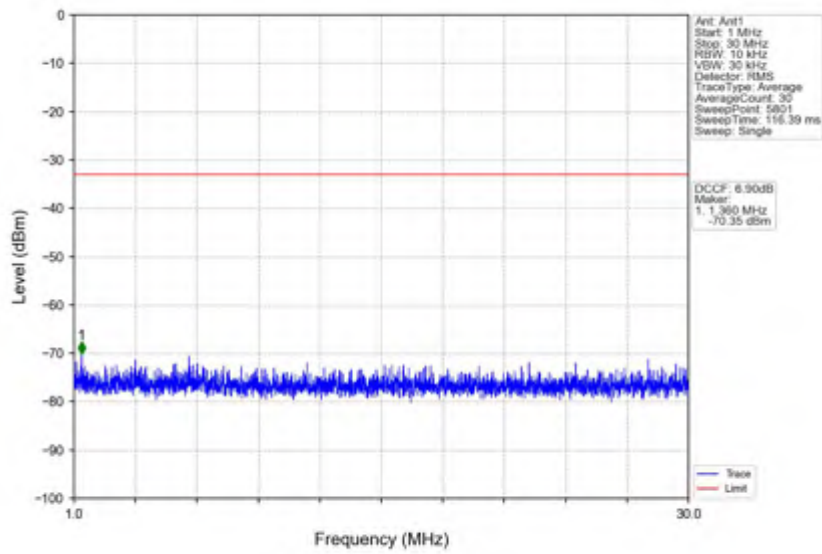
n78(3450-3550MHz) 30kHz SISO_NTNV_80MHz DFT-s-OFDM PI/2 BPSK 3510MHz Edge 1RB Right



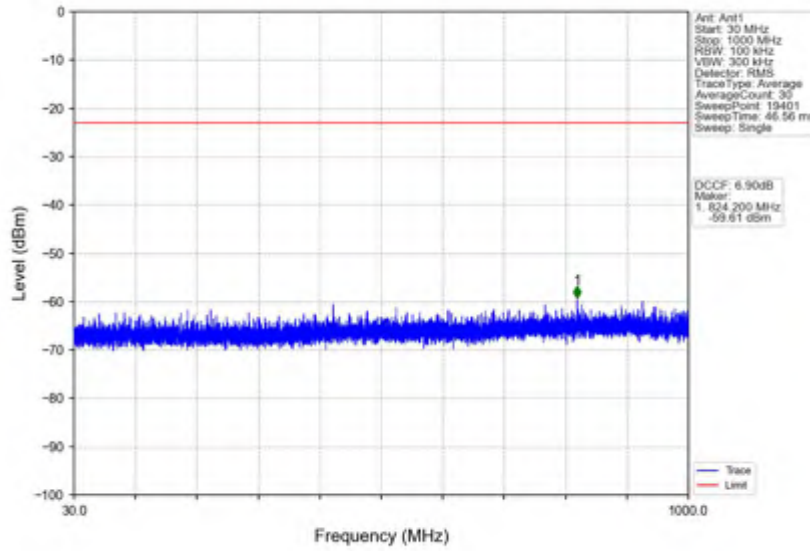
n78(3450-3550MHz) 30kHz SISO NTN 80MHz DFT-s-OFDM PI/2 BPSK 3510MHz Edge 1RB Right



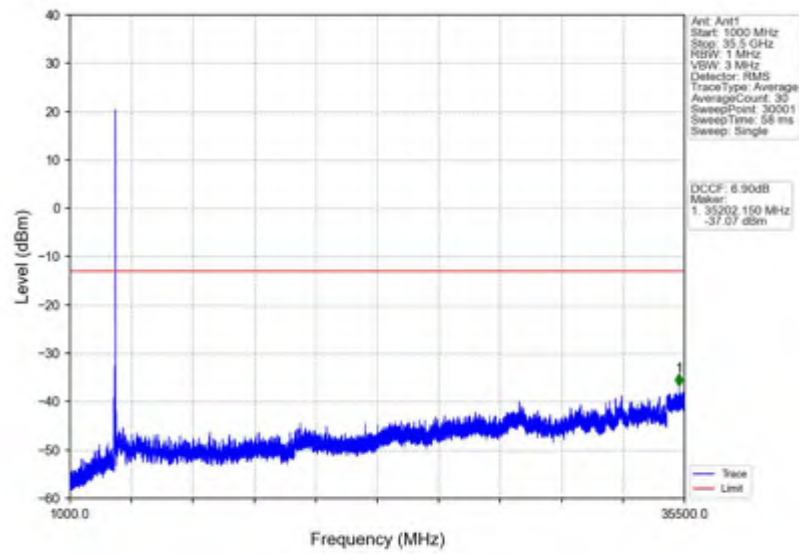
n78(3450-3550MHz) 30kHz SISO NTN 80MHz DFT-s-OFDM PI/2 BPSK 3510MHz Edge 1RB Right



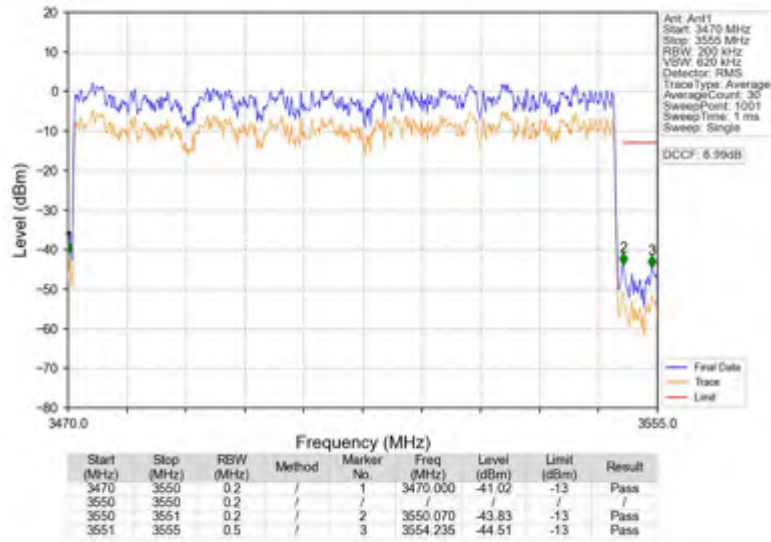
n78(3450-3550MHz) 30kHz SISO NTN 80MHz DFT-s-OFDM PI/2 BPSK 3510MHz Edge 1RB Right



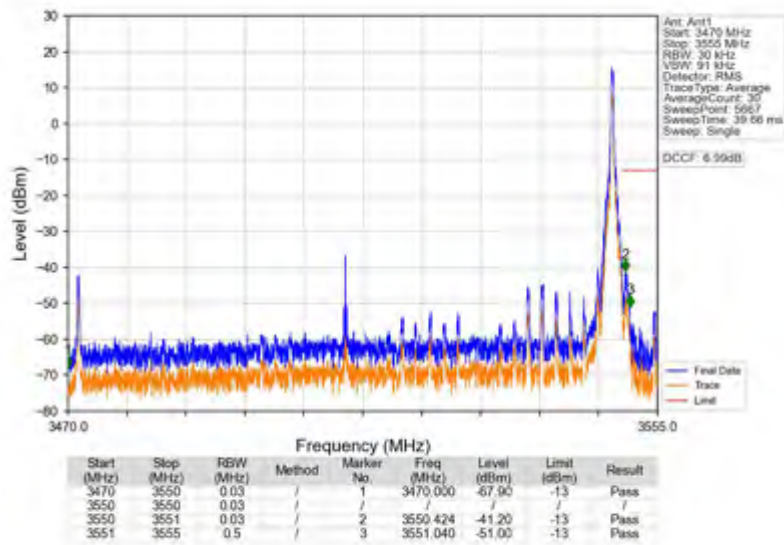
n78(3450-3550MHz) 30kHz SISO NTN 80MHz DFT-s-OFDM PI/2 BPSK 3510MHz Edge 1RB Right



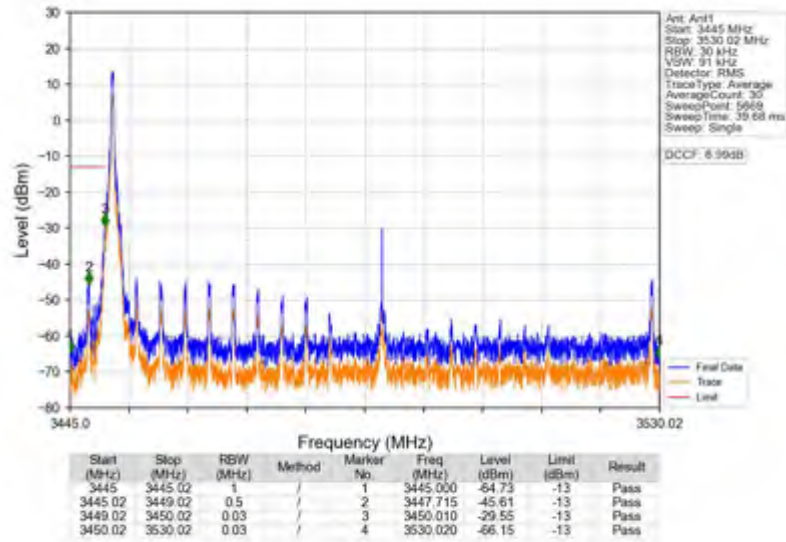
n78(3450-3550MHz) 30kHz SISO NTN 80MHz DFT-s-OFDM PI/2 BPSK 3510MHz Outer Full



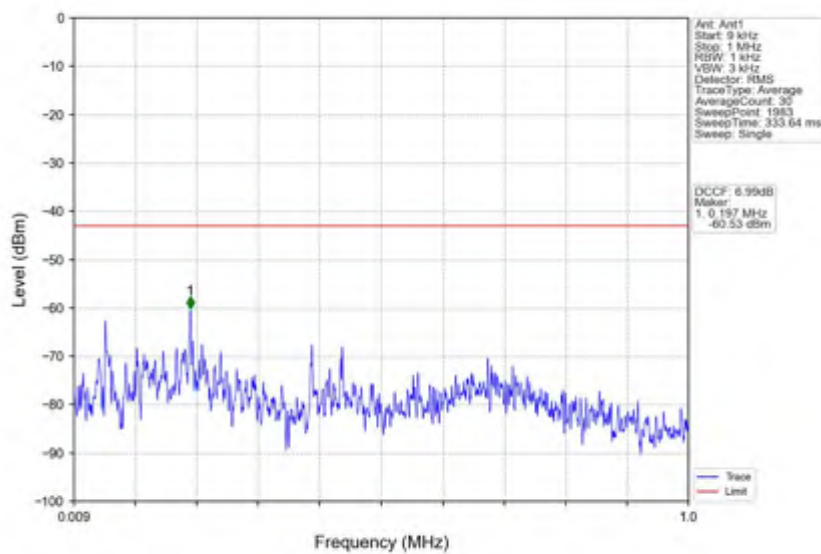
n78(3450-3550MHz) 30kHz SISO NTN 80MHz DFT-s-OFDM PI/2 BPSK 3510MHz Inner 1RB Right



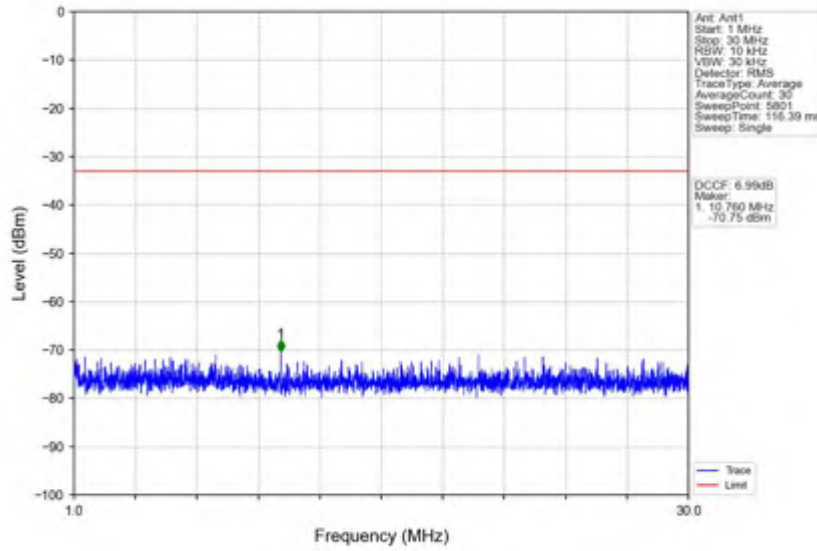
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3490.02MHz_Edge_1RB_Left



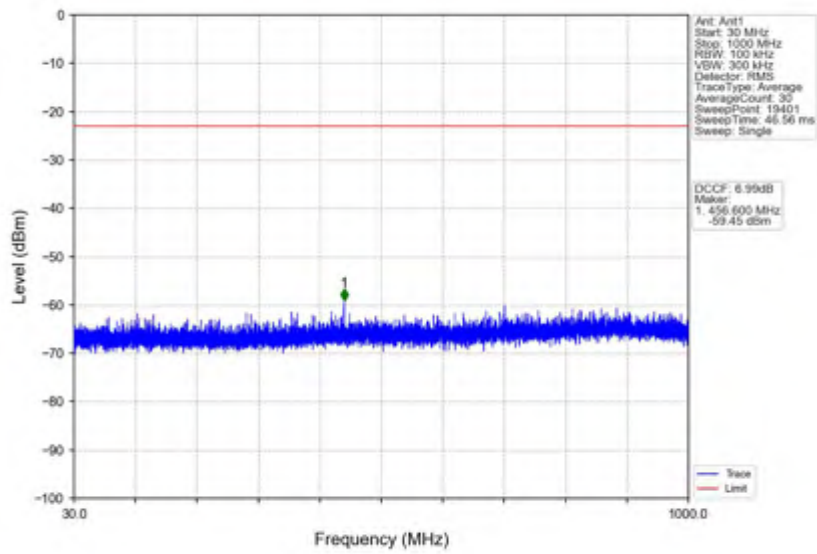
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3490.02MHz_Edge_1RB_Left



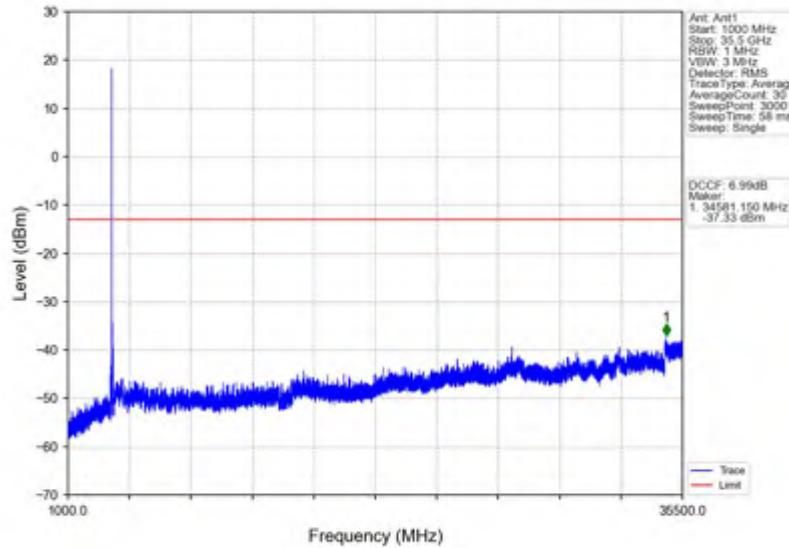
n78(3450-3550MHz) 30kHz SISO NTVN 80MHz DFT-s-OFDM QPSK 3490.02MHz Edge 1RB Left



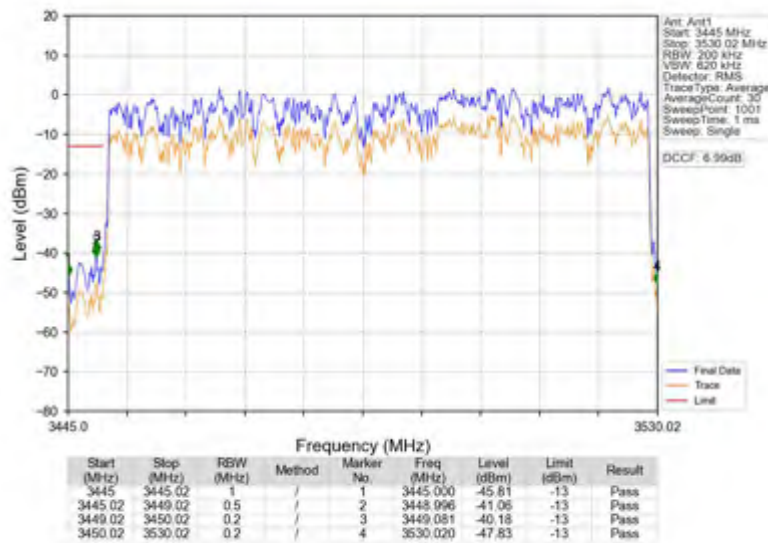
n78(3450-3550MHz) 30kHz SISO NTVN 80MHz DFT-s-OFDM QPSK 3490.02MHz Edge 1RB Left



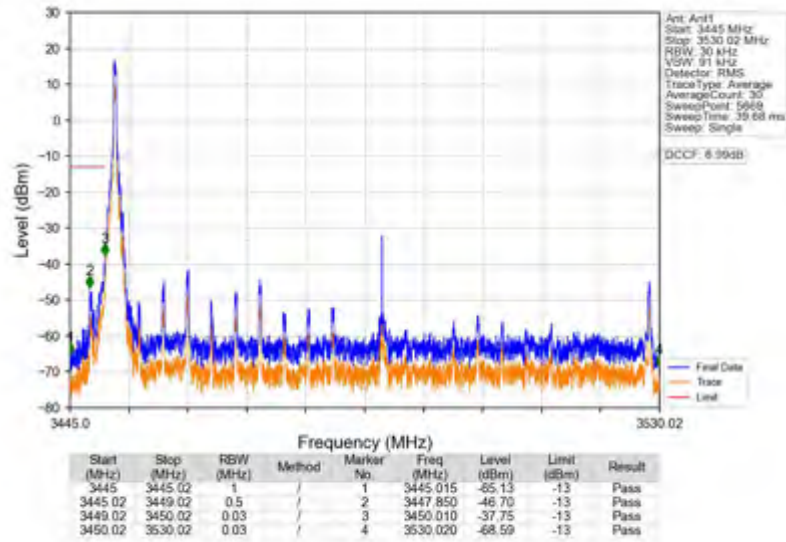
n78(3450-3550MHz) 30kHz SISO NTVN 80MHz DFT-s-OFDM QPSK 3490.02MHz Edge 1RB Left



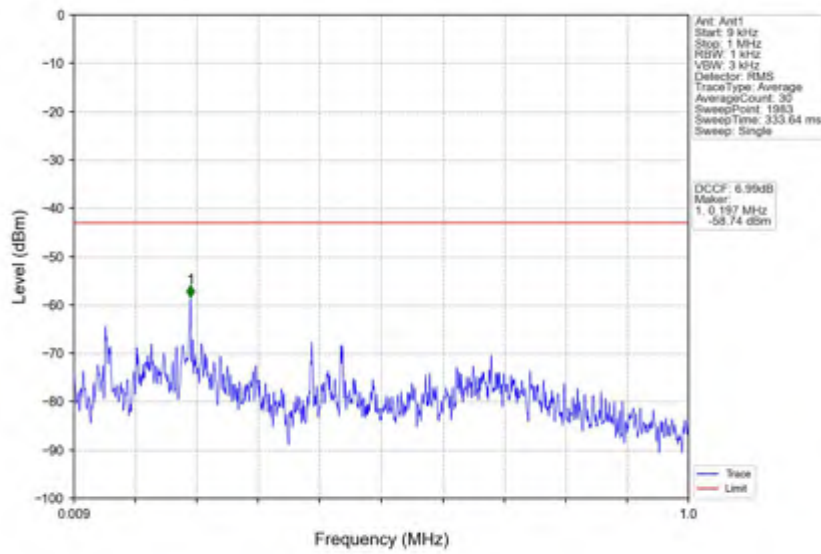
n78(3450-3550MHz) 30kHz SISO NTVN 80MHz DFT-s-OFDM QPSK 3490.02MHz Outer Full



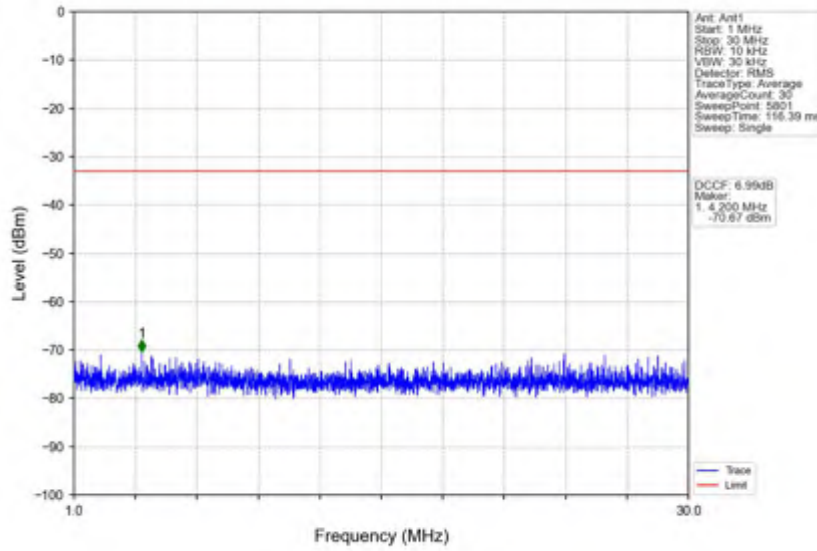
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3490.02MHz_Inner_1RB_Left



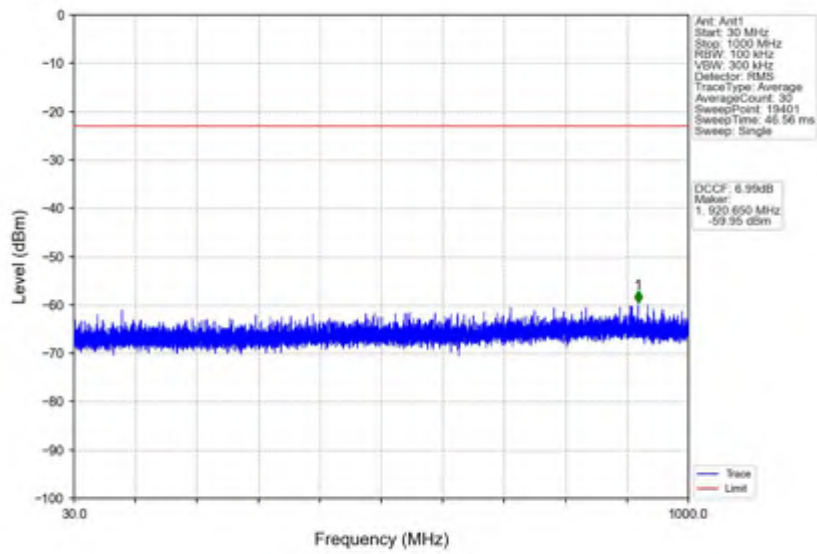
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



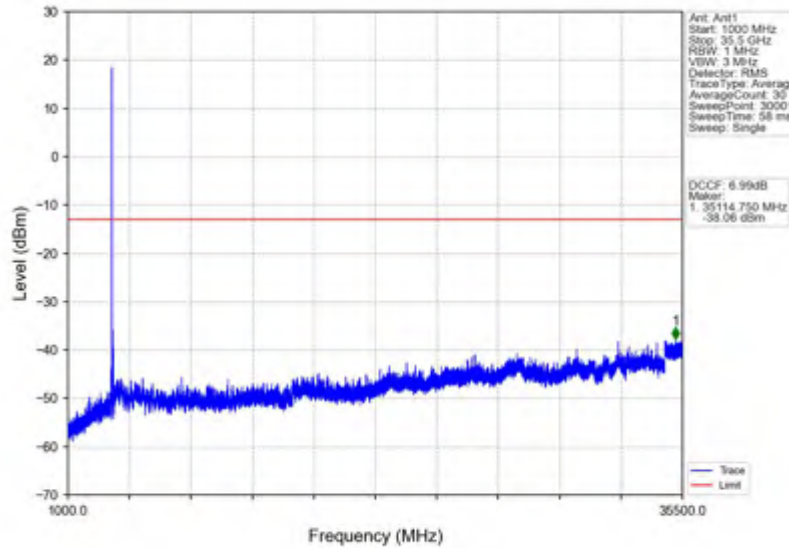
n78(3450-3550MHz) 30kHz SISO NTVN 80MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



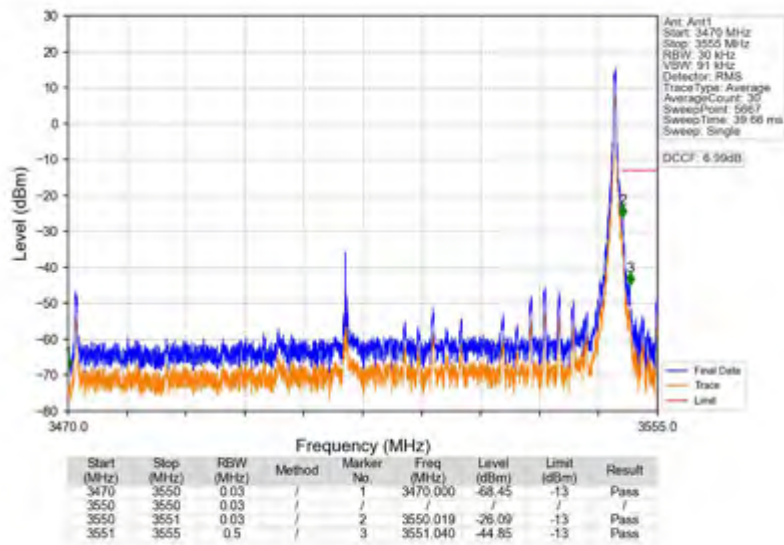
n78(3450-3550MHz) 30kHz SISO NTVN 80MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



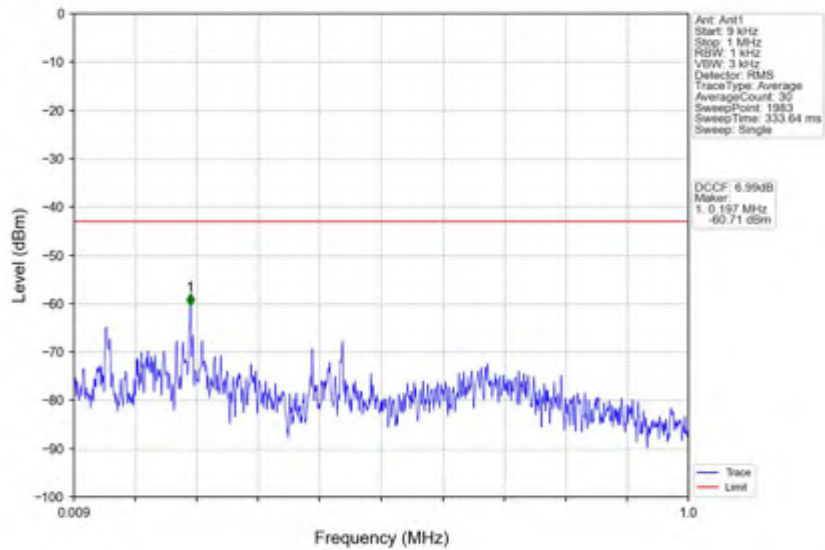
n78(3450-3550MHz) 30kHz SISO NTVN 80MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



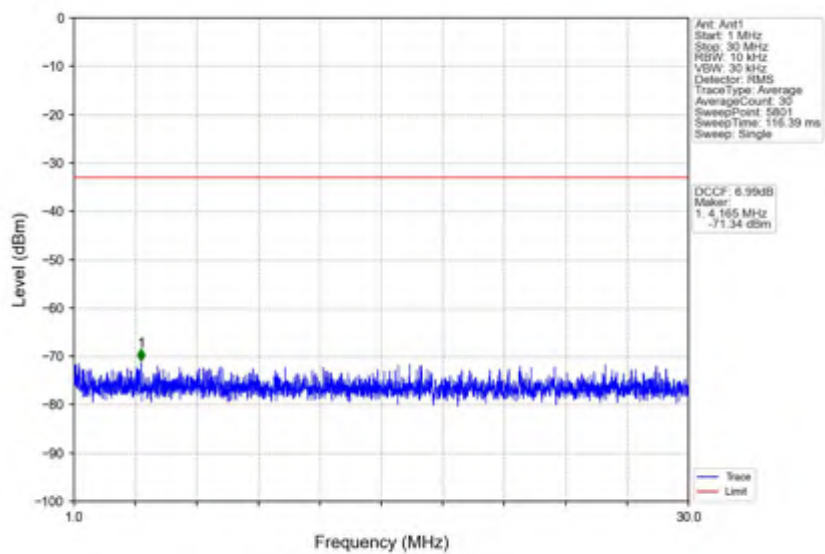
n78(3450-3550MHz) 30kHz SISO NTVN 80MHz DFT-s-OFDM QPSK 3510MHz Edge 1RB Right



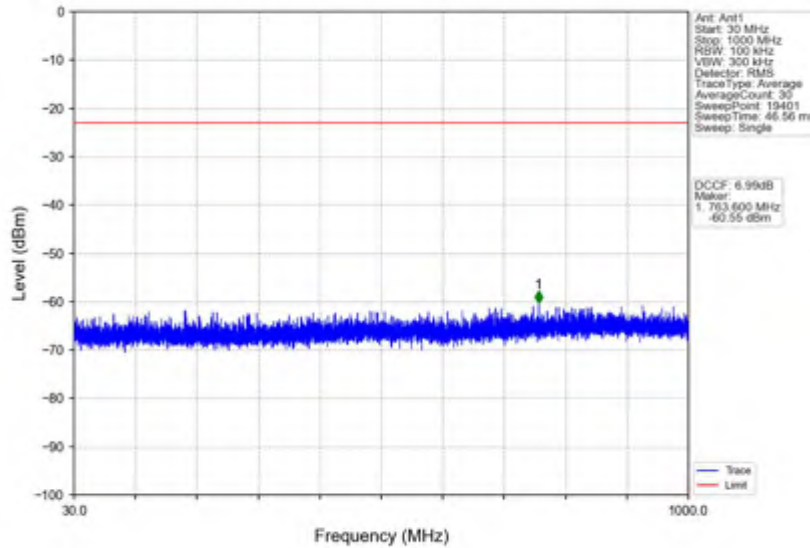
n78(3450-3550MHz) 30kHz SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3510MHz_Edge_1RB_Right



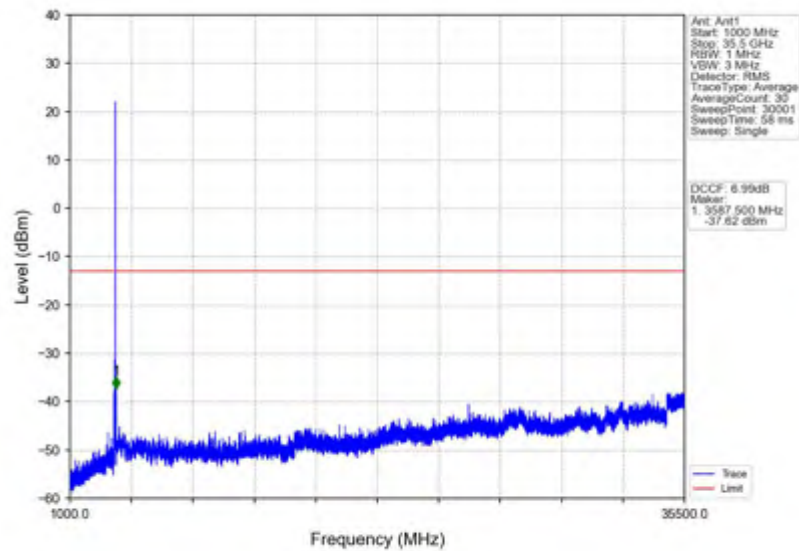
n78(3450-3550MHz) 30kHz SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3510MHz_Edge_1RB_Right



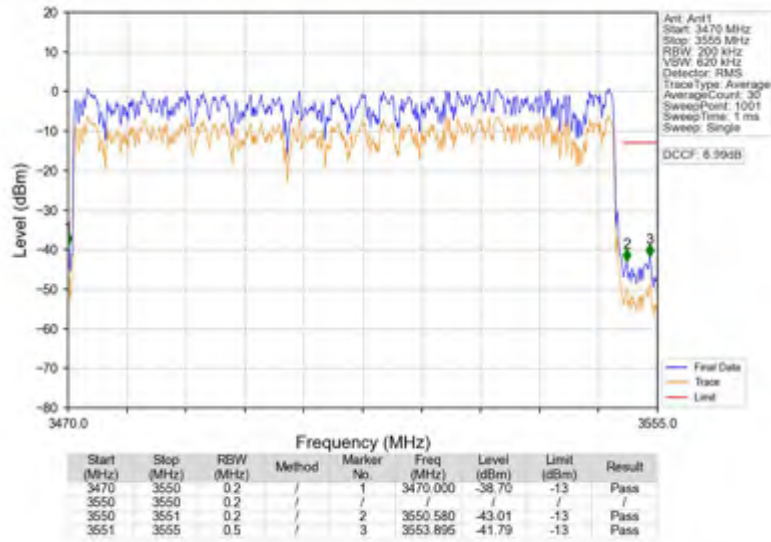
n78(3450-3550MHz) 30kHz SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3510MHz_Edge_1RB_Right



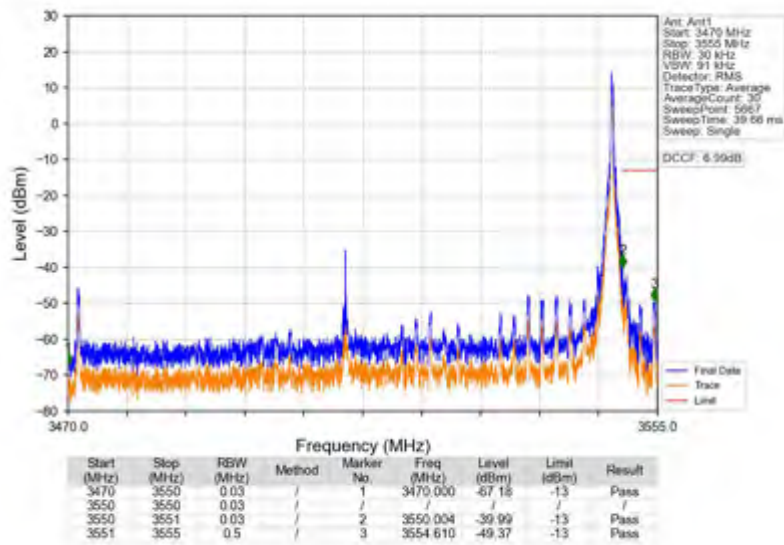
n78(3450-3550MHz) 30kHz SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3510MHz_Edge_1RB_Right



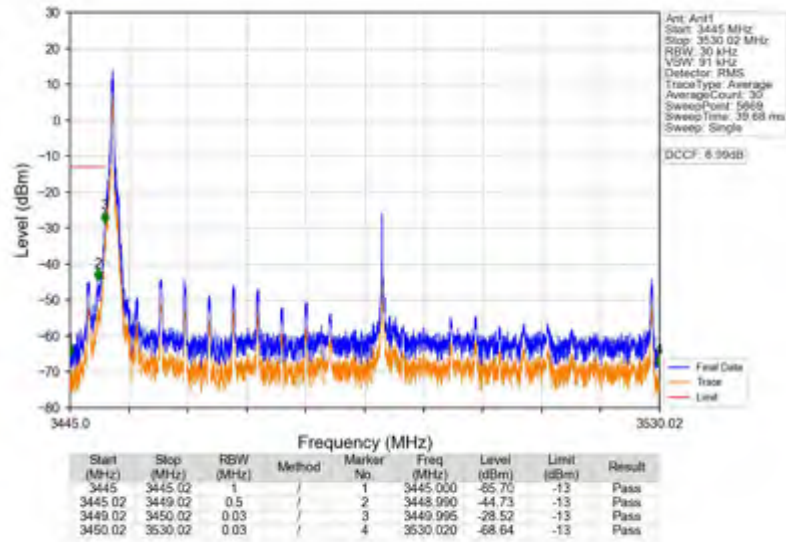
n78(3450-3550MHz) 30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3510MHz_Outer_Full



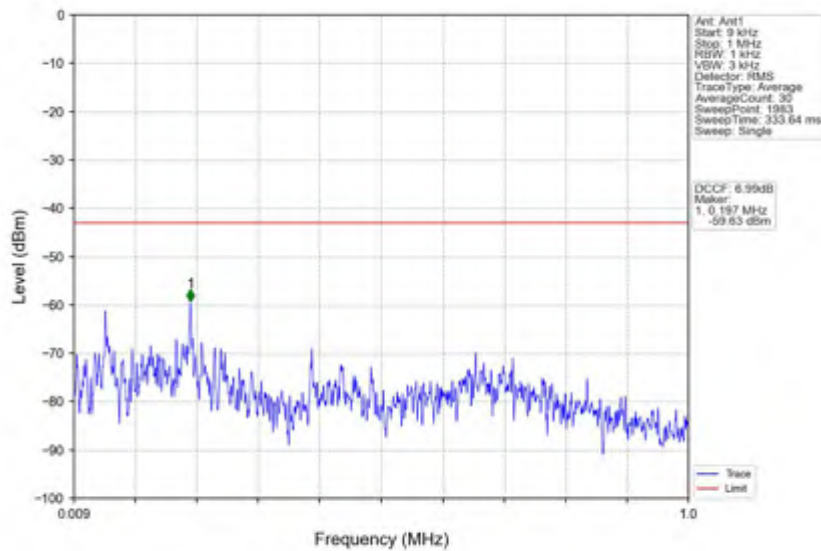
n78(3450-3550MHz) 30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3510MHz_Inner_1RB_Right



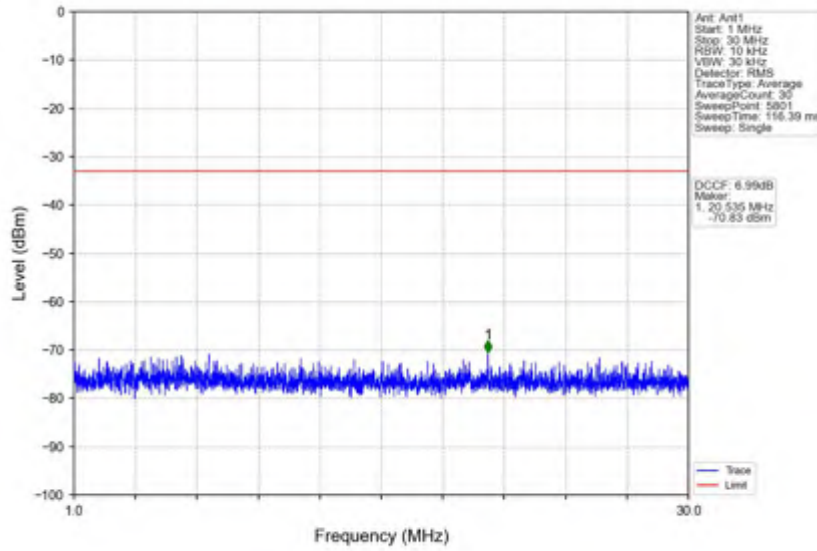
n78(3450-3550MHz) 30kHz SISO NTN 80MHz CP-OFDM QPSK 3490.02MHz Edge 1RB Left



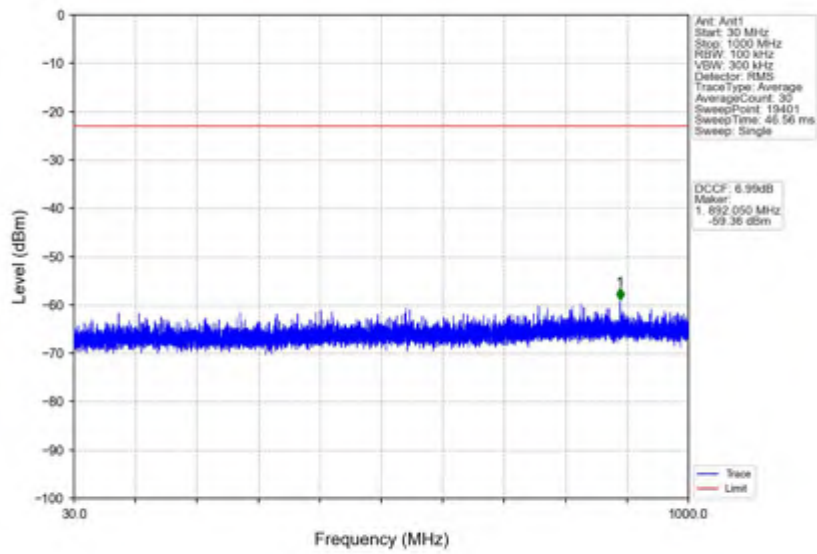
n78(3450-3550MHz) 30kHz SISO NTN 80MHz CP-OFDM QPSK 3490.02MHz Edge 1RB Left



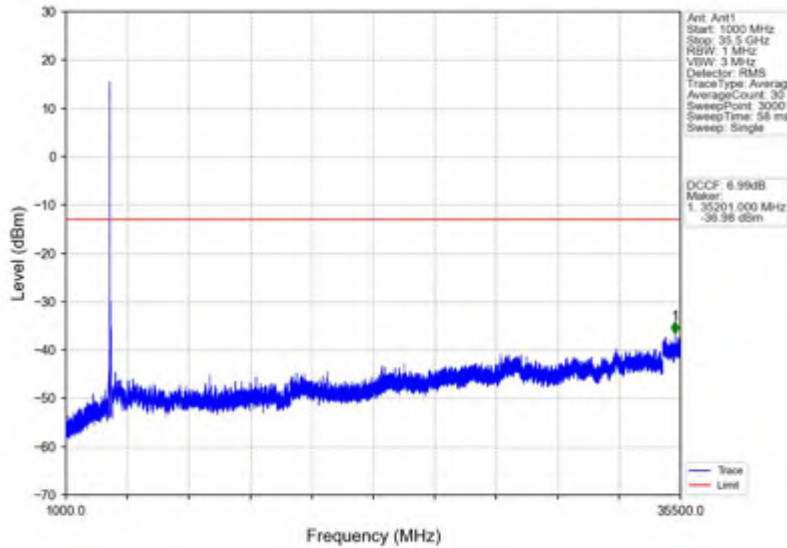
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3490.02MHz_Edge_1RB_Left



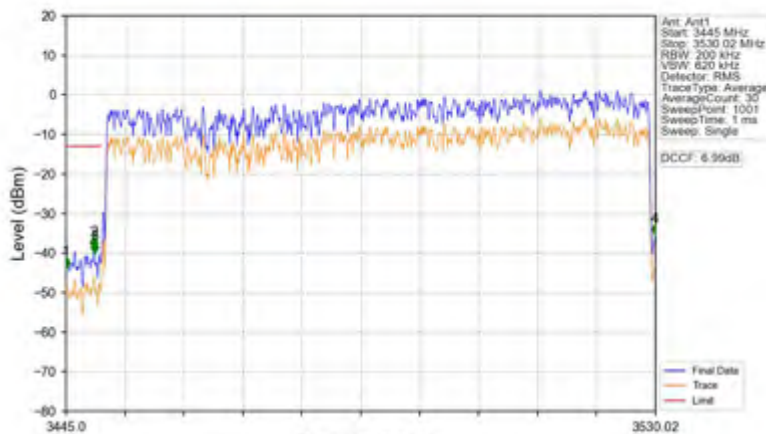
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3490.02MHz_Edge_1RB_Left



n78(3450-3550MHz) 30kHz SISO NTN 80MHz CP-OFDM QPSK 3490.02MHz Edge 1RB Left

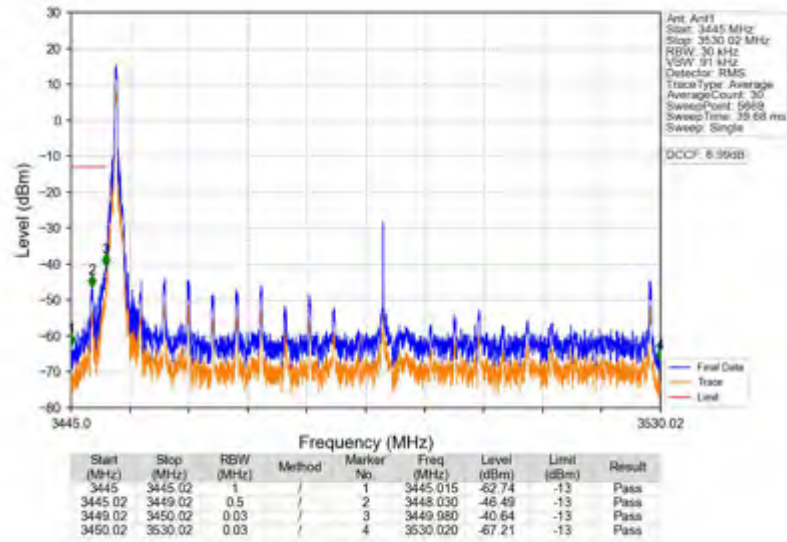


n78(3450-3550MHz) 30kHz SISO NTN 80MHz CP-OFDM QPSK 3490.02MHz Outer_Full

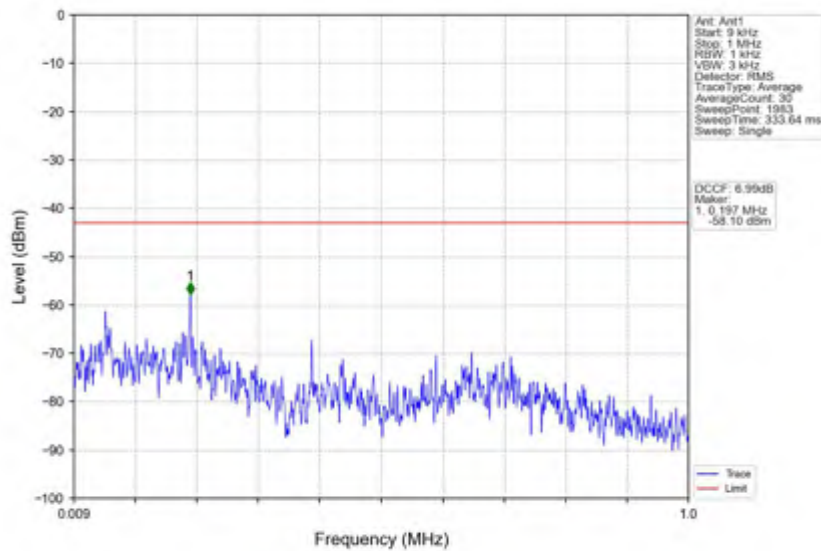


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.02	1	/	1	3445.000	-43.96	-13	Pass
3445.02	3449.02	0.5	/	2	3448.096	-38.92	-13	Pass
3449.02	3450.02	0.2	/	3	3449.081	-40.06	-13	Pass
3450.02	3530.02	0.2	/	4	3530.020	-35.55	-13	Pass

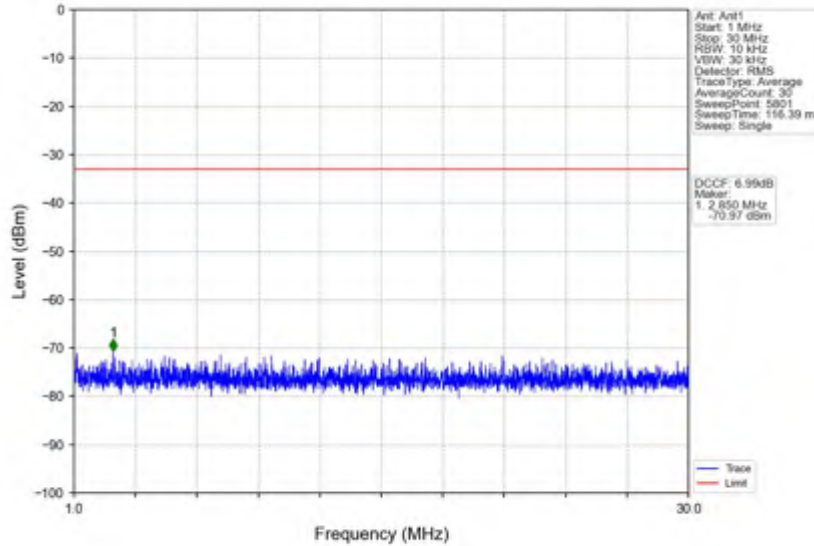
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3490.02MHz_Inner_1RB_Left



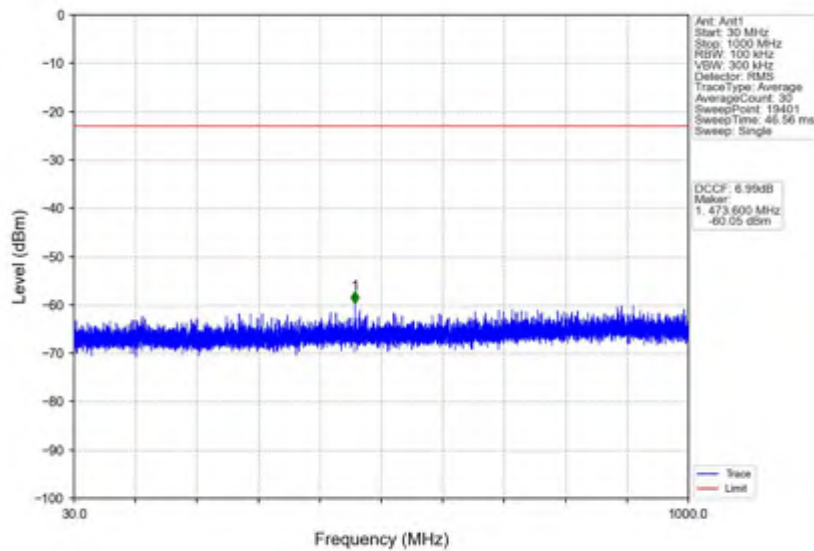
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



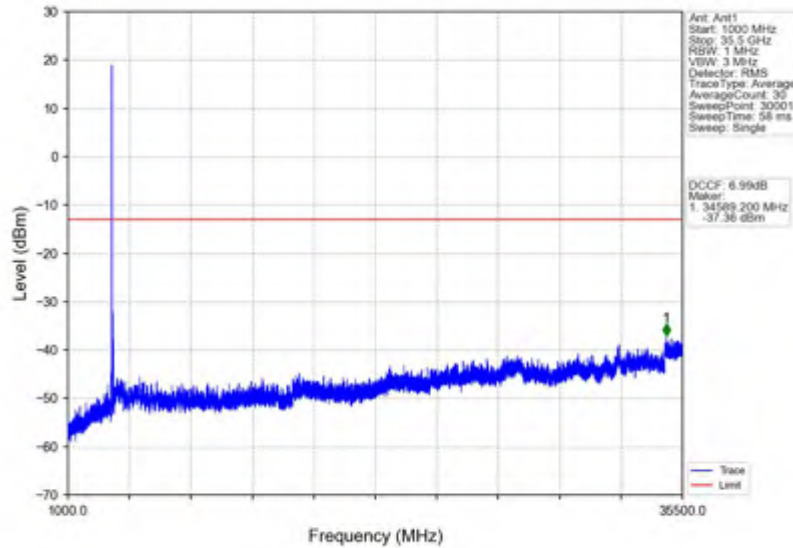
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



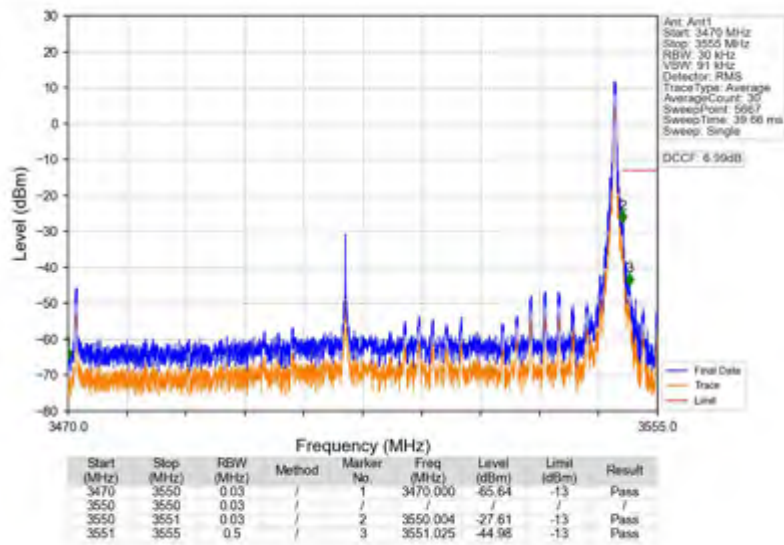
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



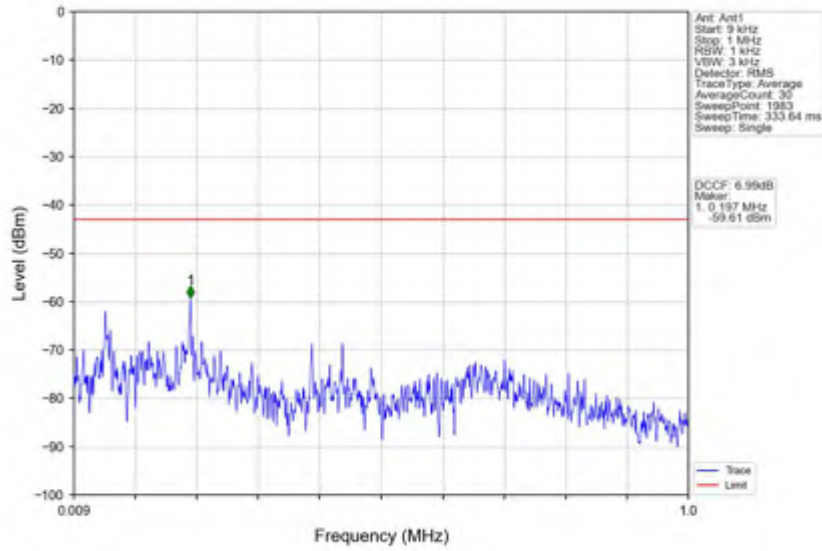
n78(3450-3550MHz) 30kHz SISO NTN 80MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left



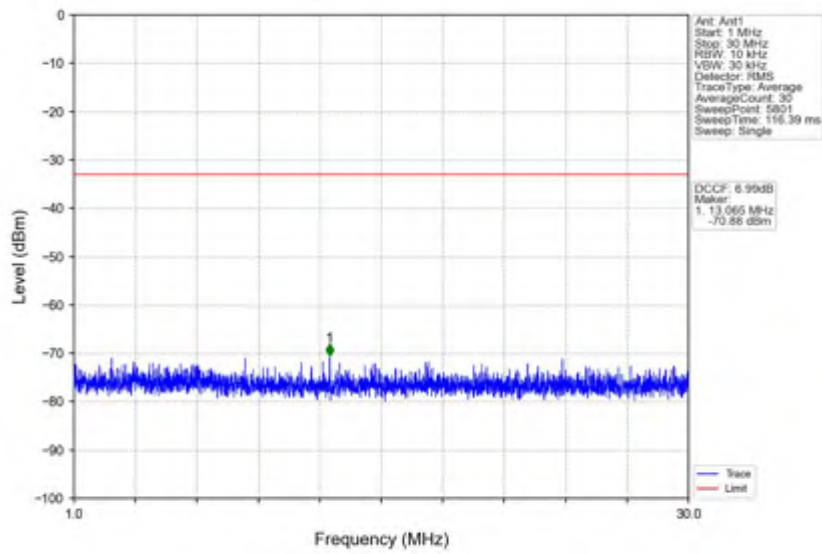
n78(3450-3550MHz) 30kHz SISO NTN 80MHz CP-OFDM QPSK 3510MHz Edge 1RB Right



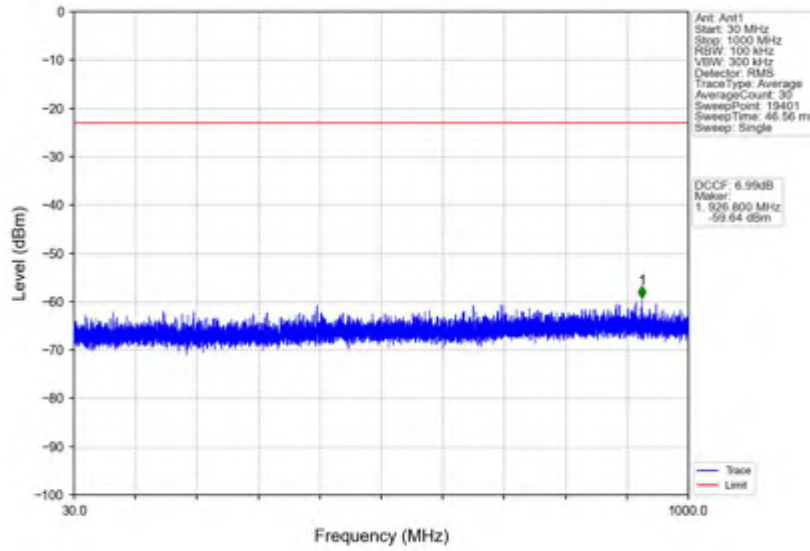
n78(3450-3550MHz) 30kHz SISO_NTNV_80MHz_CP-OFDM QPSK_3510MHz_Edge_1RB_Right



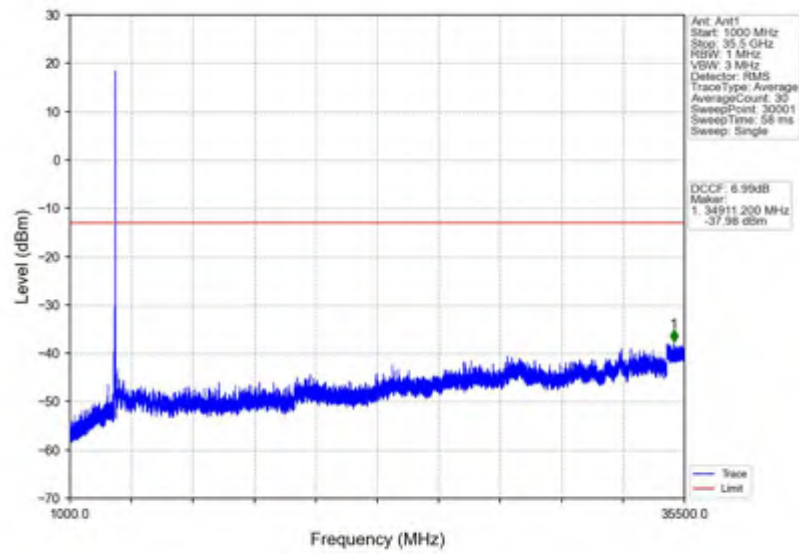
n78(3450-3550MHz) 30kHz SISO_NTNV_80MHz_CP-OFDM QPSK_3510MHz_Edge_1RB_Right



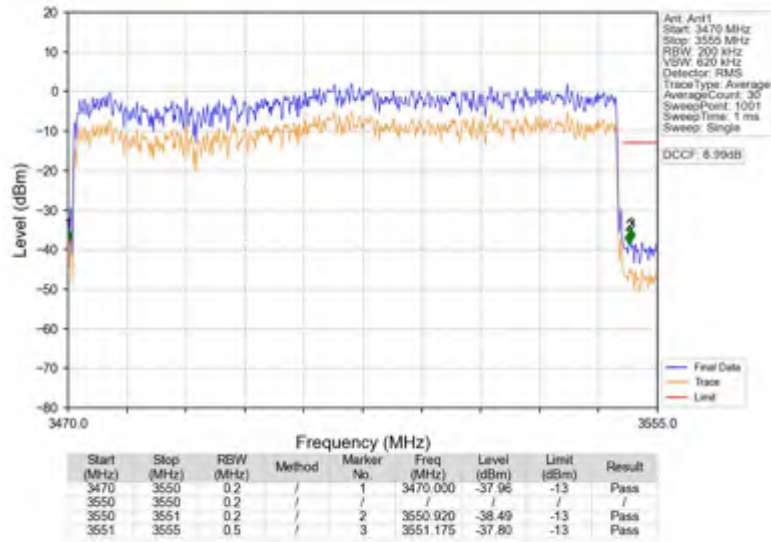
n78(3450-3550MHz) 30kHz SISO_NTNV_80MHz_CP-OFDM QPSK 3510MHz Edge_1RB_Right



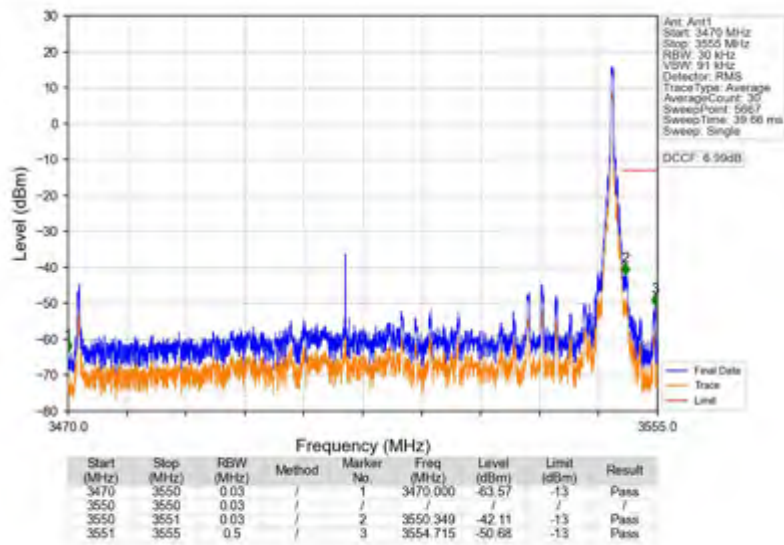
n78(3450-3550MHz) 30kHz SISO_NTNV_80MHz_CP-OFDM QPSK 3510MHz Edge_1RB_Right



n78(3450-3550MHz) 30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3510MHz_Outer_Full



n78(3450-3550MHz) 30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3510MHz_Inner_1RB_Right



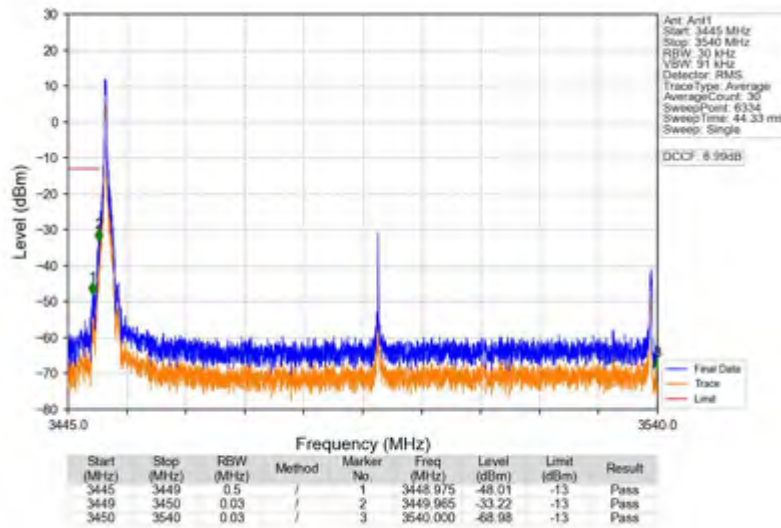
5.8 30k_SISO_90MHz_NTNV

5.8.1 Test Result

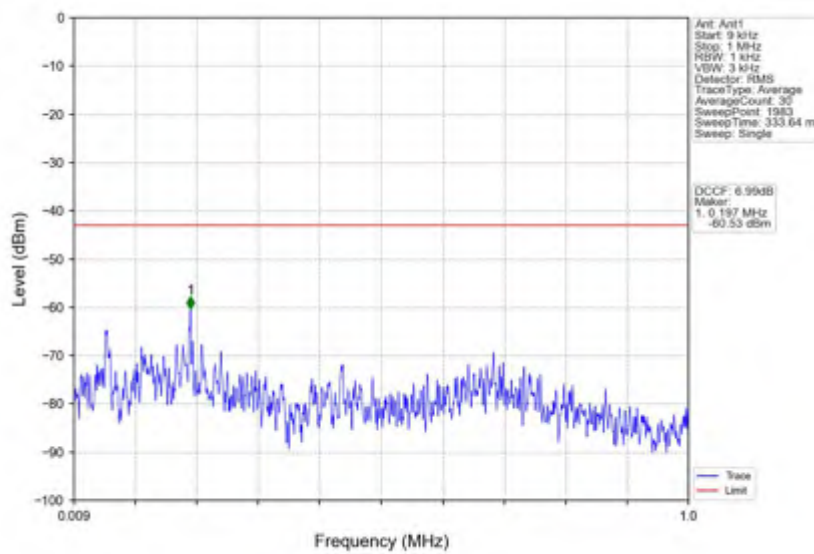
5G NR n78(3450-3550MHz) SCS=30kHz SISO 90MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict	
			Ant1	Ant2	Sum		Limit
DFT-s-OFDM PI/2 BPSK	3495	Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Left	Refer To Test Graph			Pass	
	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
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
CP-OFDM QPSK	3495	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	
	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	

5.8.2 Test Graph

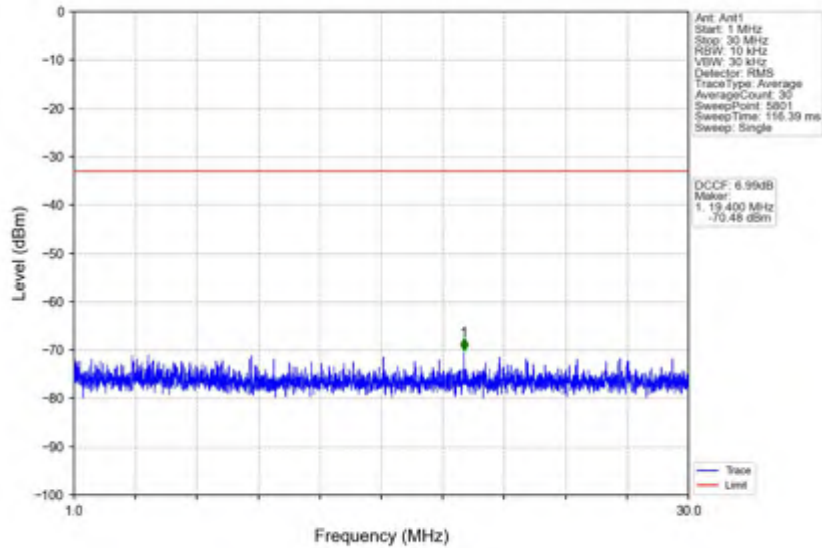
n78(3450-3550MHz) 30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3495MHz_Edge_1RB_Left



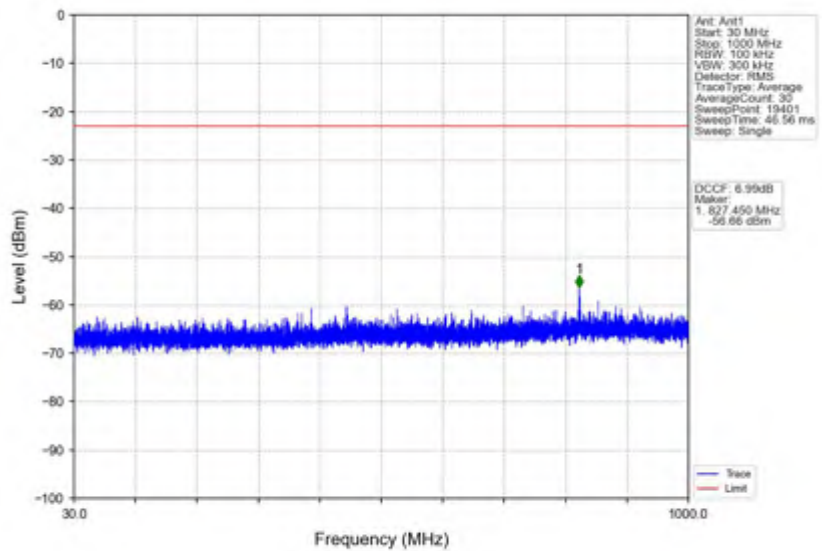
n78(3450-3550MHz) 30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3495MHz_Edge_1RB_Left



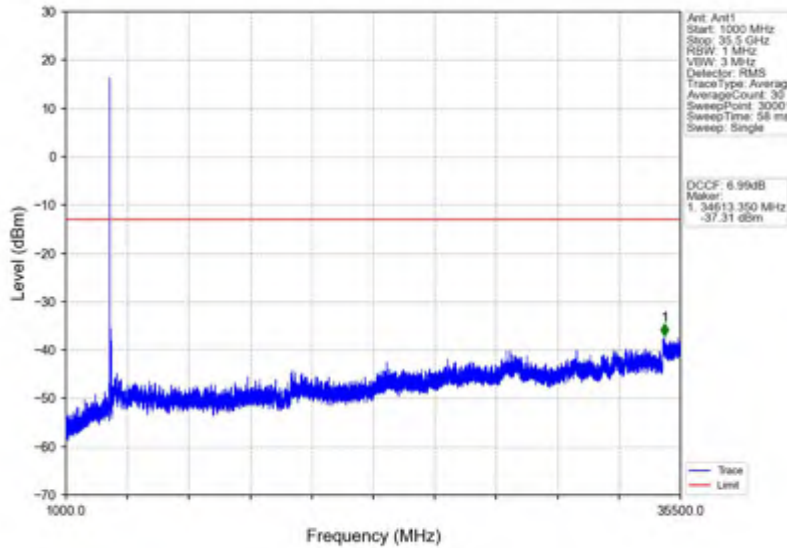
n78(3450-3550MHz) 30kHz SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3495MHz_Edge_1RB_Left



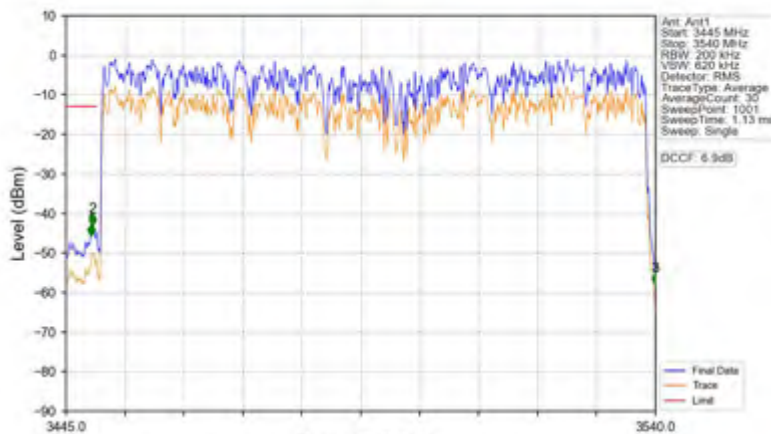
n78(3450-3550MHz) 30kHz SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3495MHz_Edge_1RB_Left



n78(3450-3550MHz) 30kHz SISO_NTNV_90MHz DFT-s-OFDM PI/2 BPSK 3495MHz Edge 1RB Left

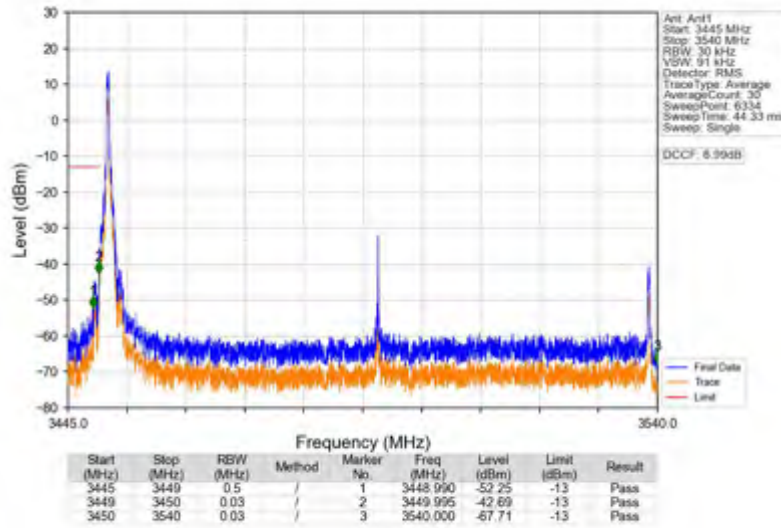


n78(3450-3550MHz) 30kHz SISO_NTNV_90MHz DFT-s-OFDM PI/2 BPSK 3495MHz Outer_Full

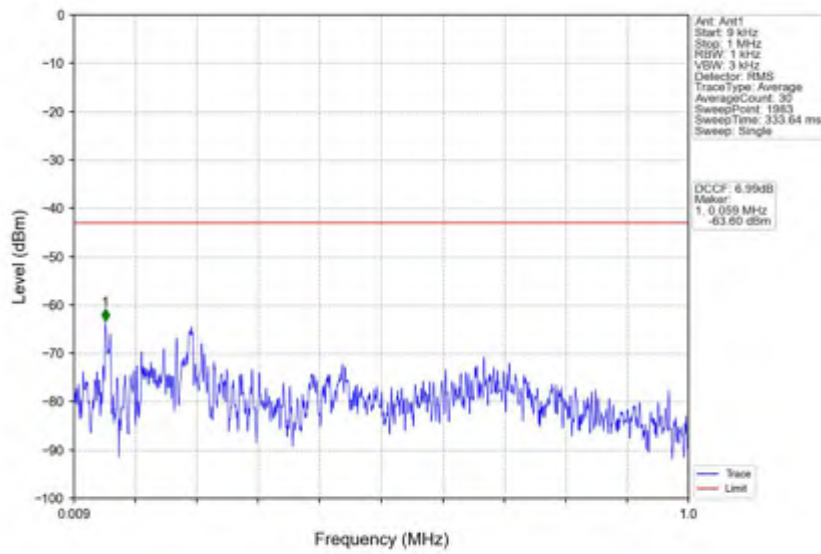


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	0.5	/	1	3448.990	-45.79	-13	Pass
3449	3450	0.2	/	2	3449.275	-43.08	-13	Pass
3450	3540	0.2	/	3	3540.000	-58.08	-13	Pass

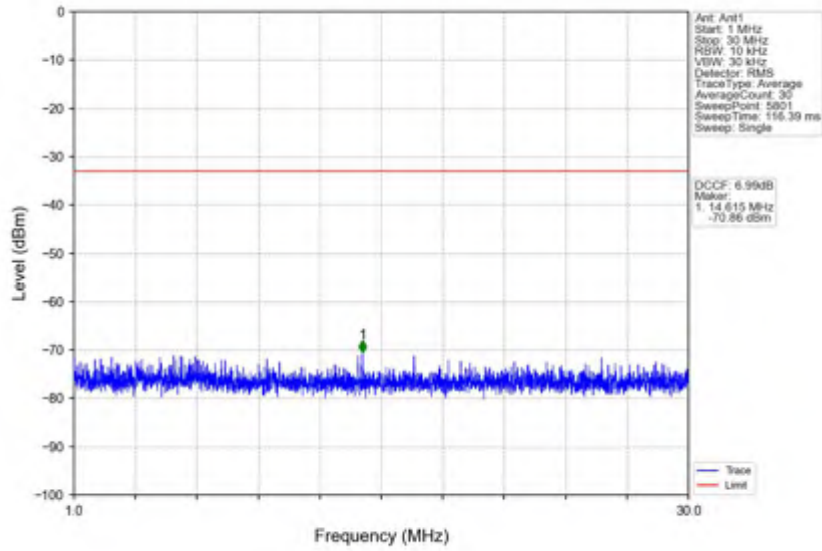
n78(3450-3550MHz) 30kHz SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK 3495MHz Inner 1RB Left



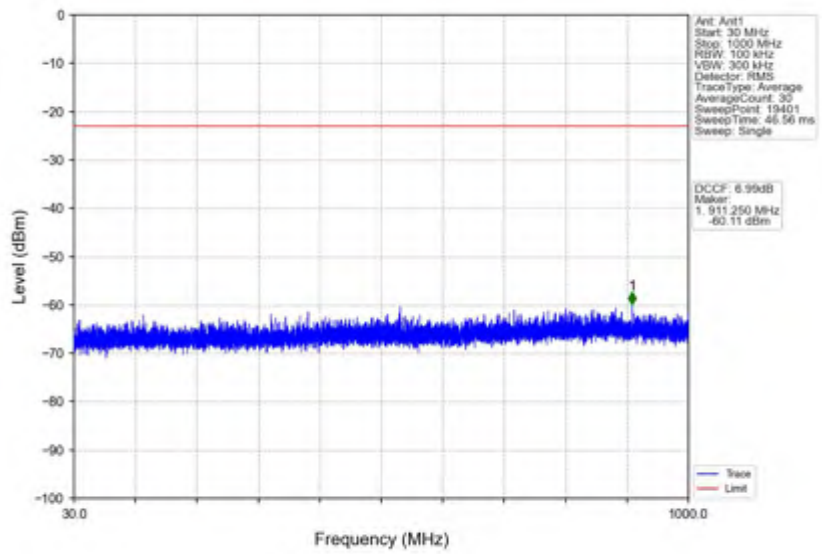
n78(3450-3550MHz) 30kHz SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



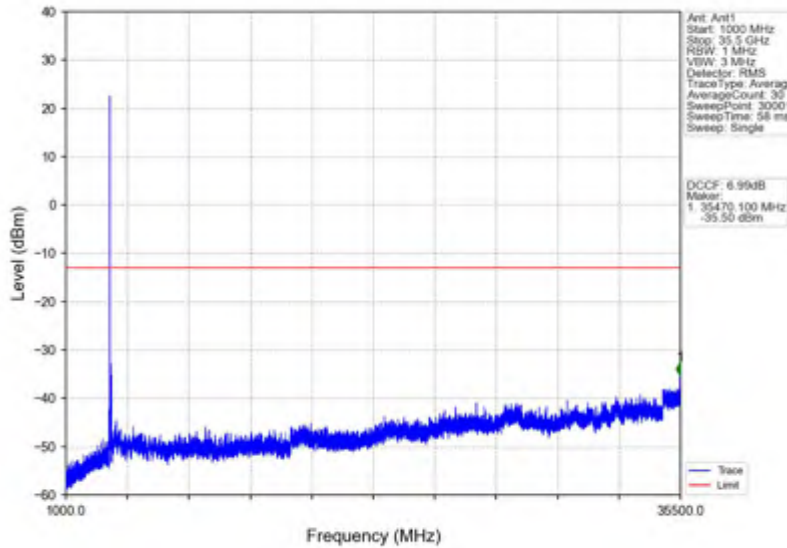
n78(3450-3550MHz) 30kHz SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



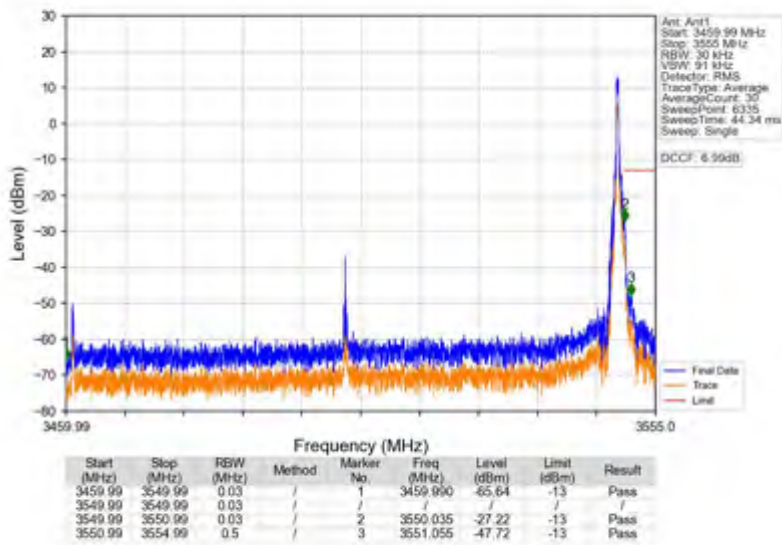
n78(3450-3550MHz) 30kHz SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



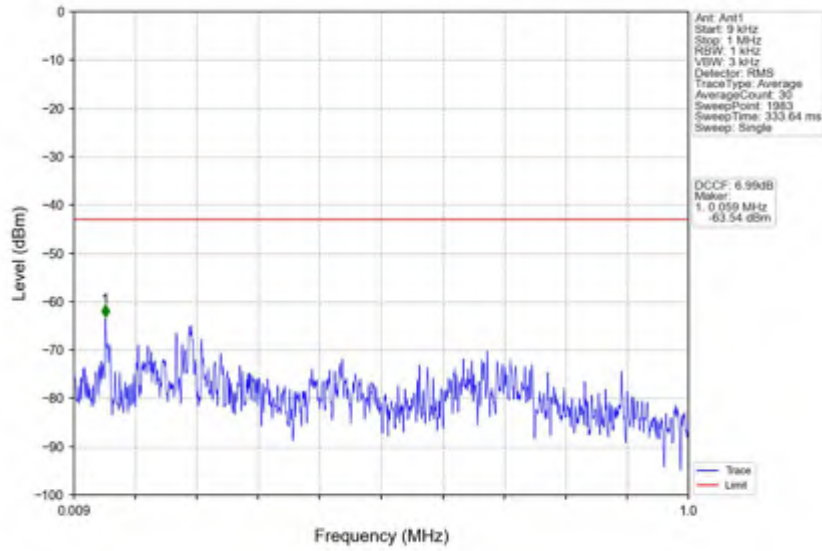
n78(3450-3550MHz) 30kHz SISO_NTNV_90MHz DFT-s-OFDM PI/2 BPSK 3500.01MHz Edge 1RB Left



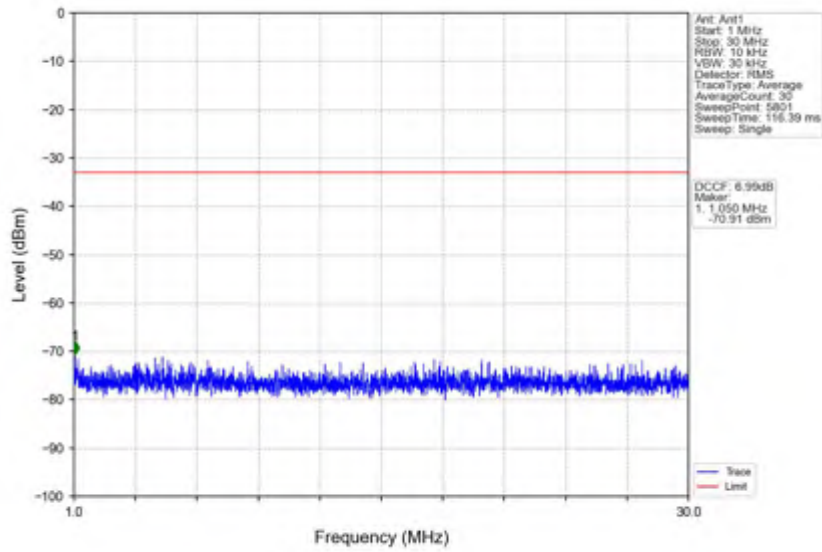
n78(3450-3550MHz) 30kHz SISO_NTNV_90MHz DFT-s-OFDM PI/2 BPSK 3504.99MHz_Edge_1RB_Right



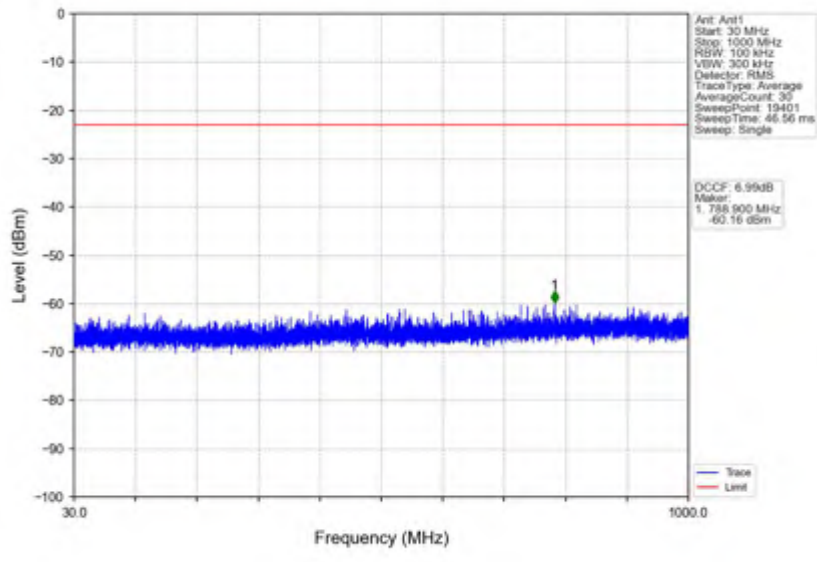
n78(3450-3550MHz) 30kHz SISO NTV 90MHz DFT-s-OFDM PI/2 BPSK 3504.99MHz_Edge 1RB Right



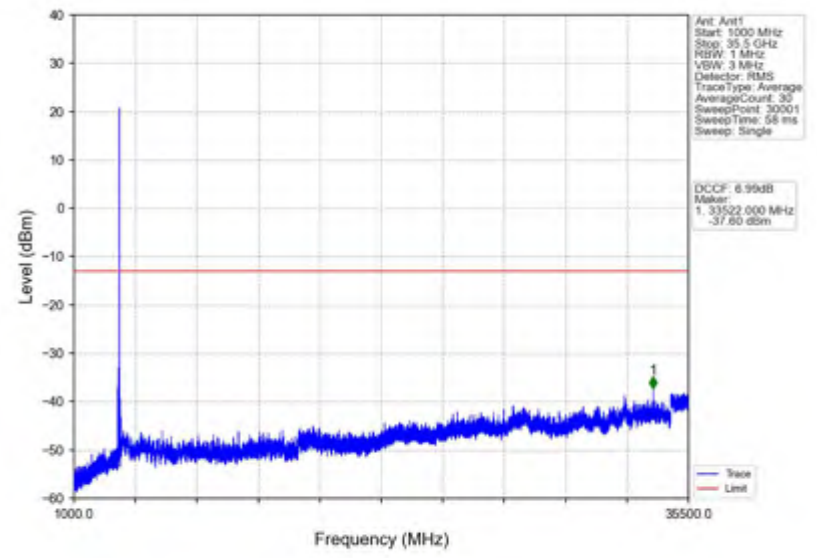
n78(3450-3550MHz) 30kHz SISO NTV 90MHz DFT-s-OFDM PI/2 BPSK 3504.99MHz_Edge 1RB Right



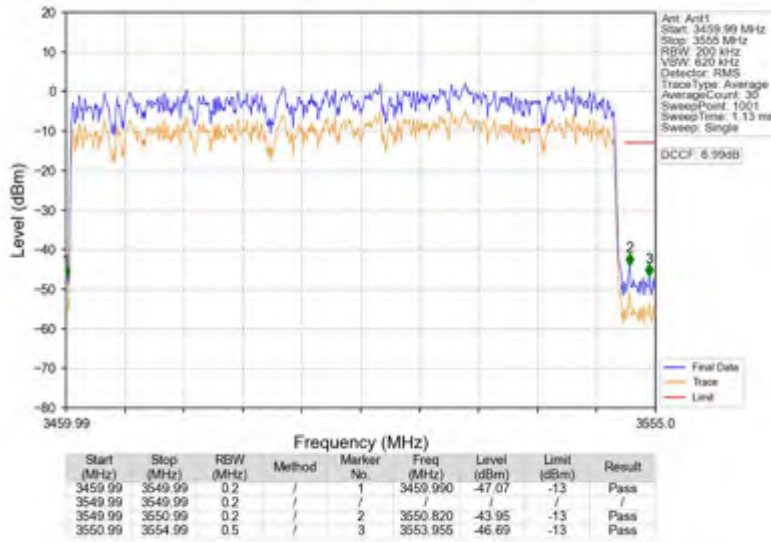
n78(3450-3550MHz) 30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3504.99MHz_Edge_1RB_Right



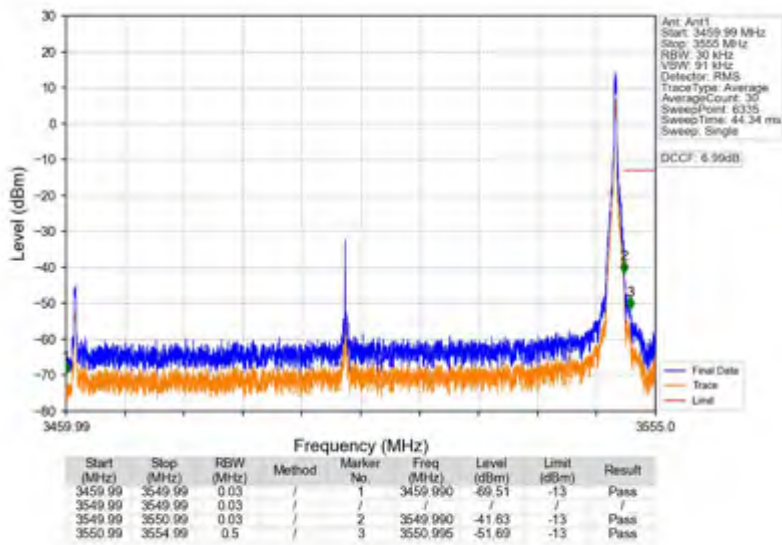
n78(3450-3550MHz) 30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3504.99MHz_Edge_1RB_Right



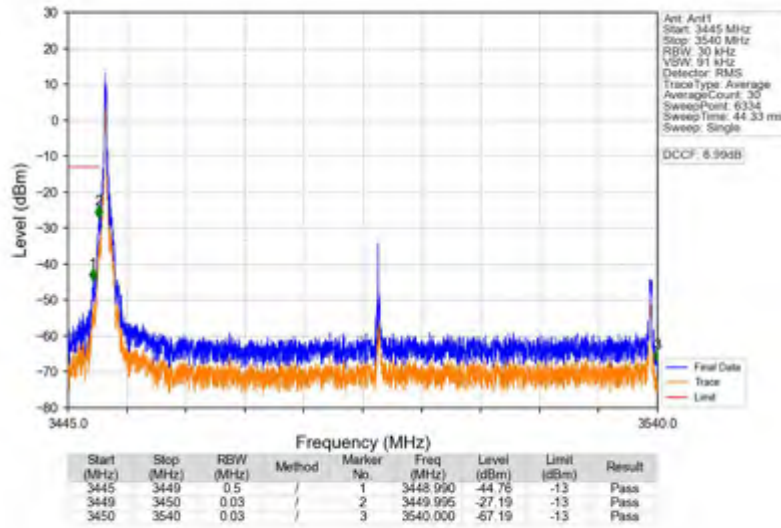
n78(3450-3550MHz) 30kHz SISO NTV 90MHz DFT-s-OFDM PI/2 BPSK 3504.99MHz Outer Full



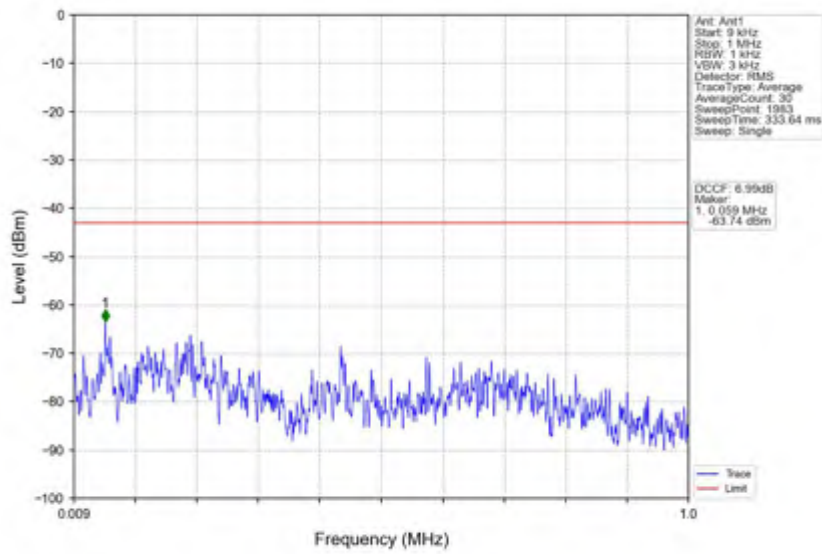
n78(3450-3550MHz) 30kHz SISO NTV 90MHz DFT-s-OFDM PI/2 BPSK 3504.99MHz Inner 1RB Right



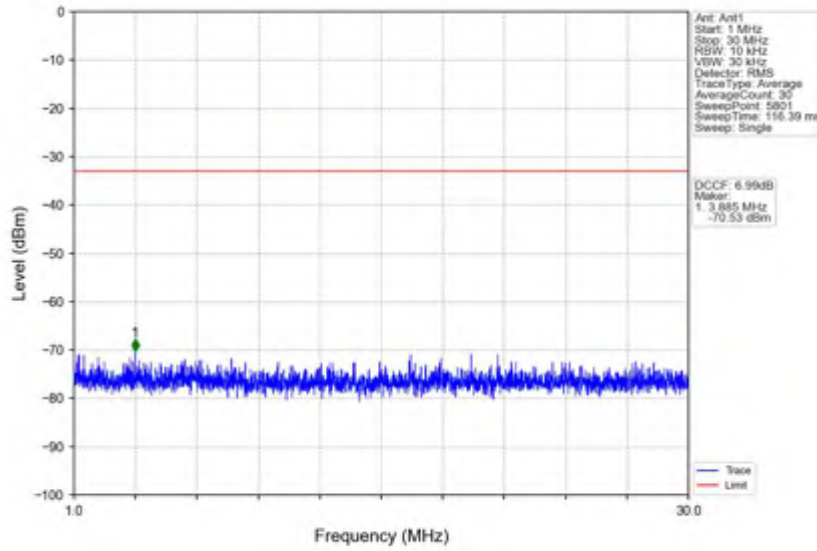
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3495MHz_Edge_1RB_Left



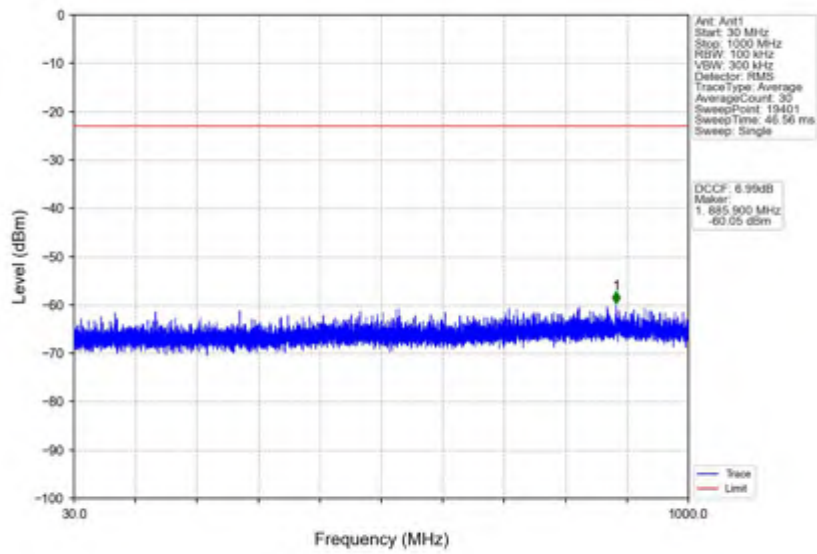
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3495MHz_Edge_1RB_Left



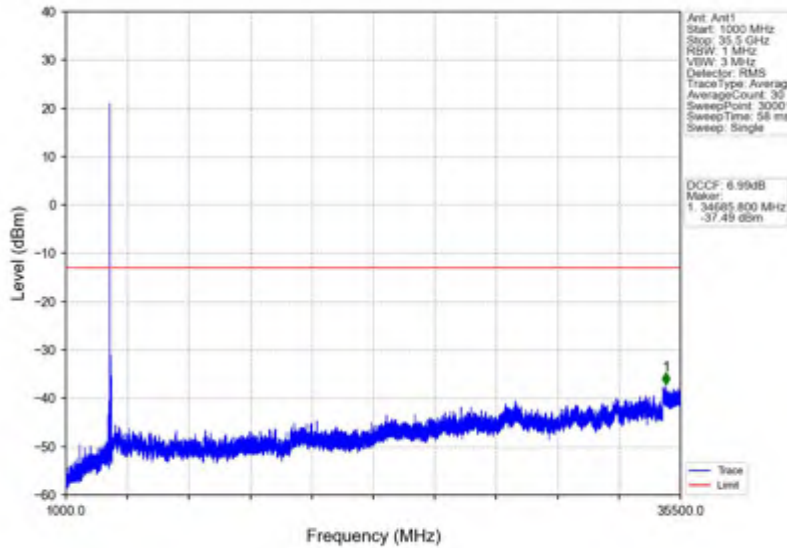
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3495MHz_Edge_1RB_Left



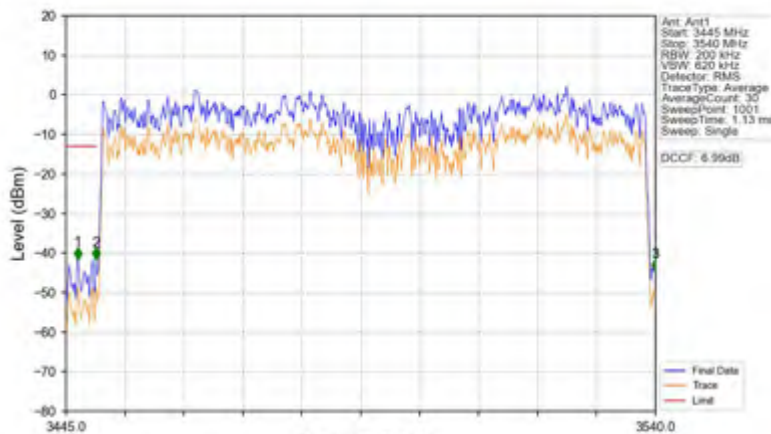
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3495MHz_Edge_1RB_Left



n78(3450-3550MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 3495MHz Edge 1RB Left

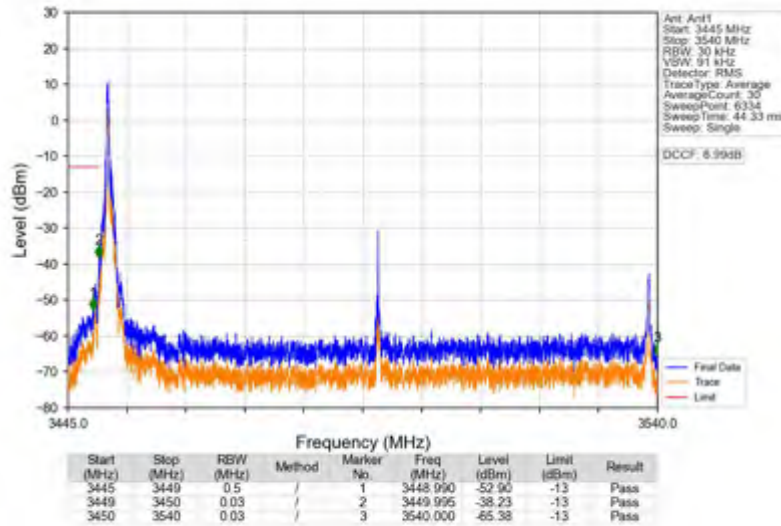


n78(3450-3550MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 3495MHz Outer_Full

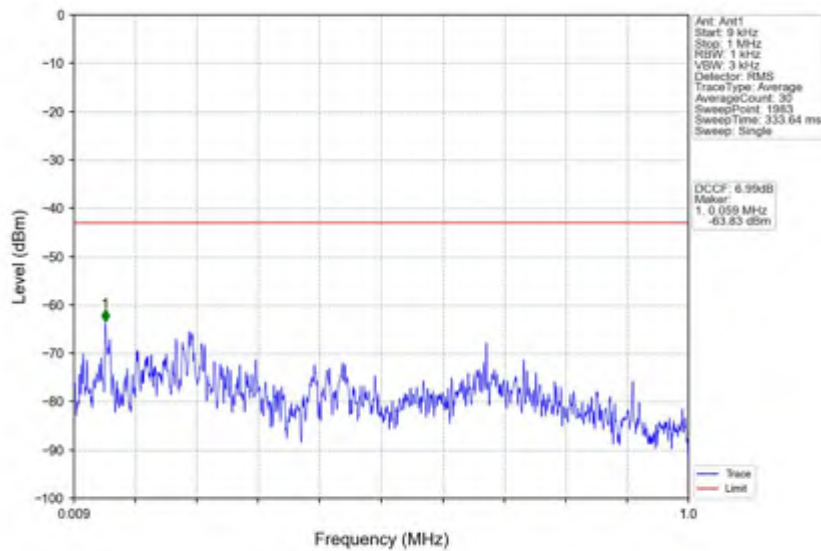


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	0.5	/	1	3446.900	-41.67	-13	Pass
3449	3450	0.2	/	2	3449.845	-41.72	-13	Pass
3450	3540	0.2	/	3	3540.000	-44.51	-13	Pass

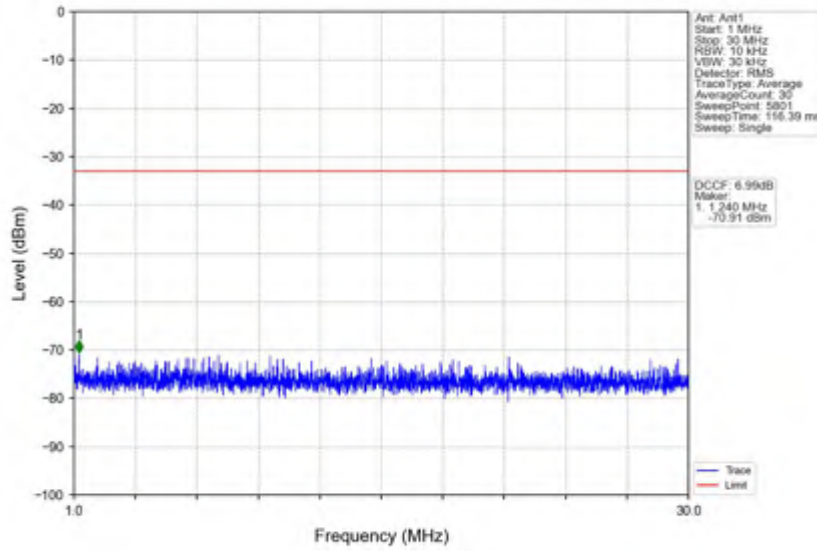
n78(3450-3550MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 3495MHz Inner 1RB Left



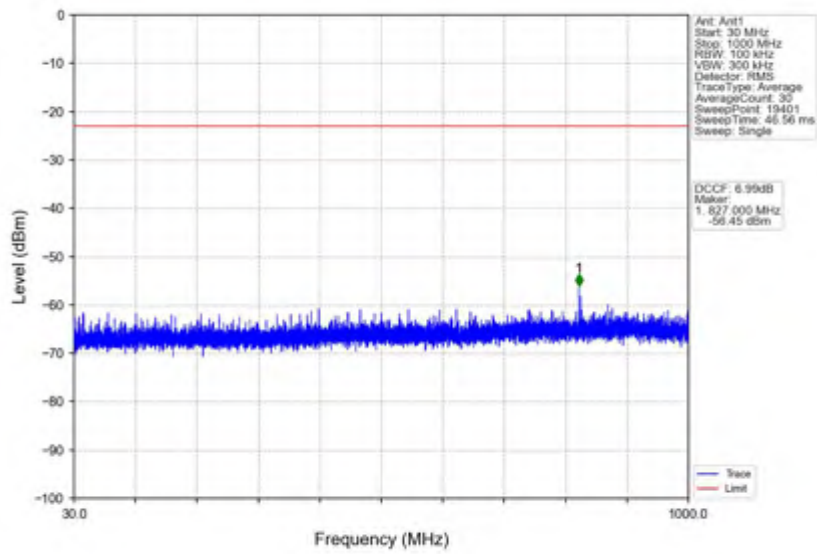
n78(3450-3550MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



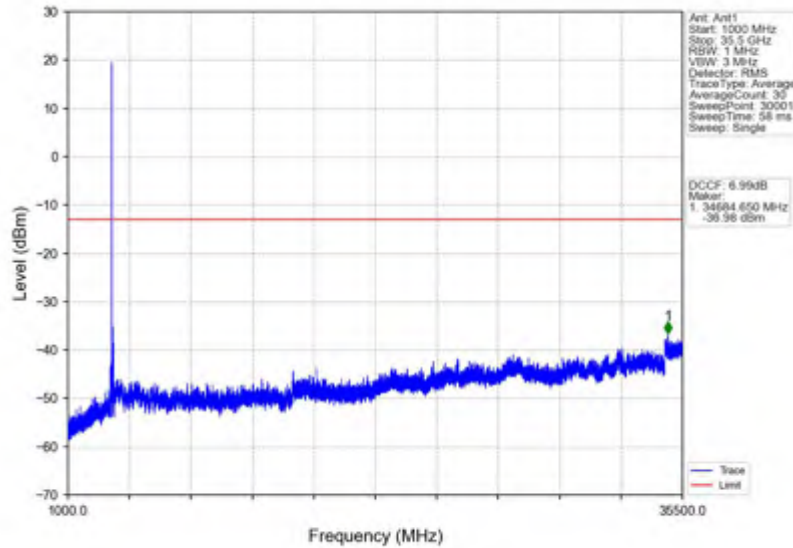
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



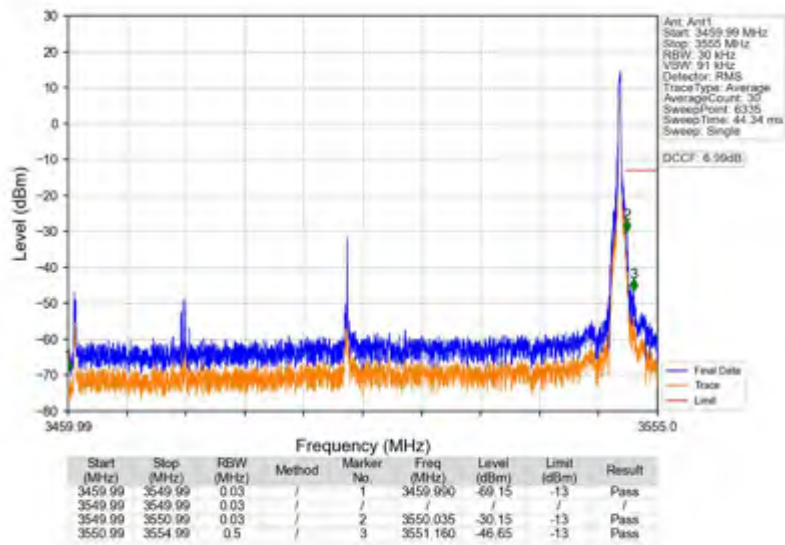
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



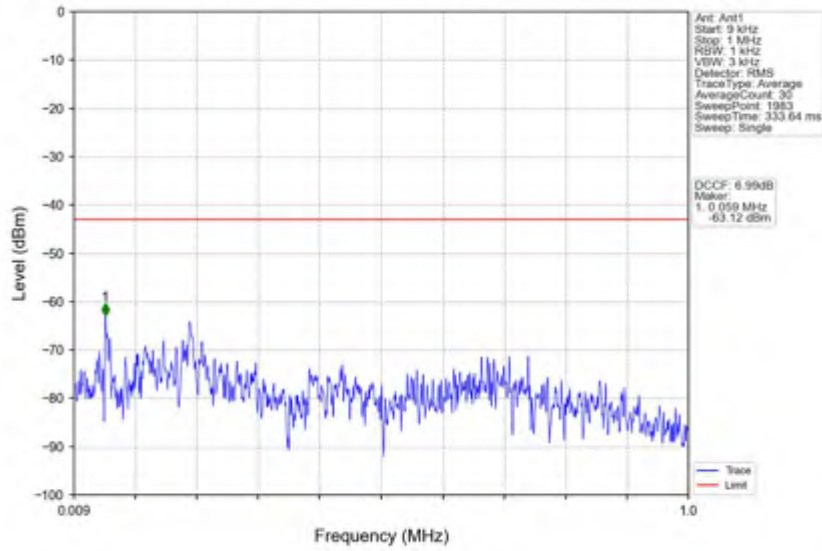
n78(3450-3550MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



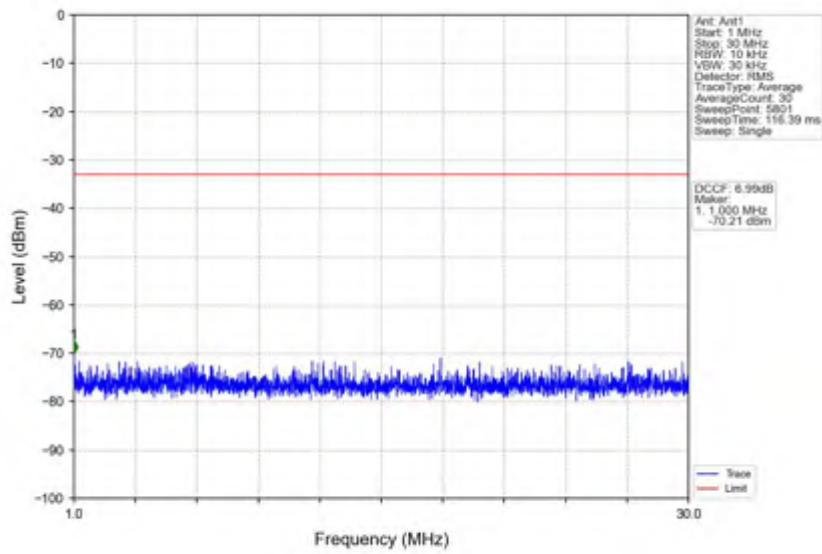
n78(3450-3550MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 3504.99MHz Edge 1RB Right



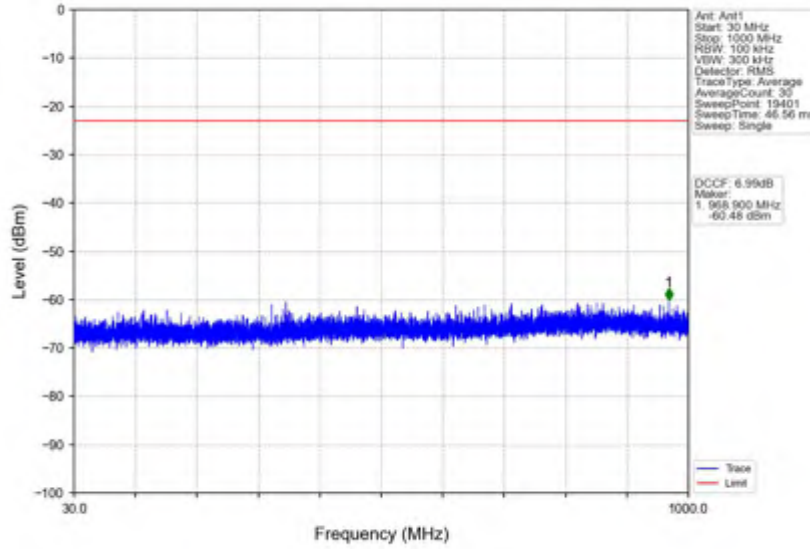
n78(3450-3550MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 3504.99MHz Edge 1RB Right



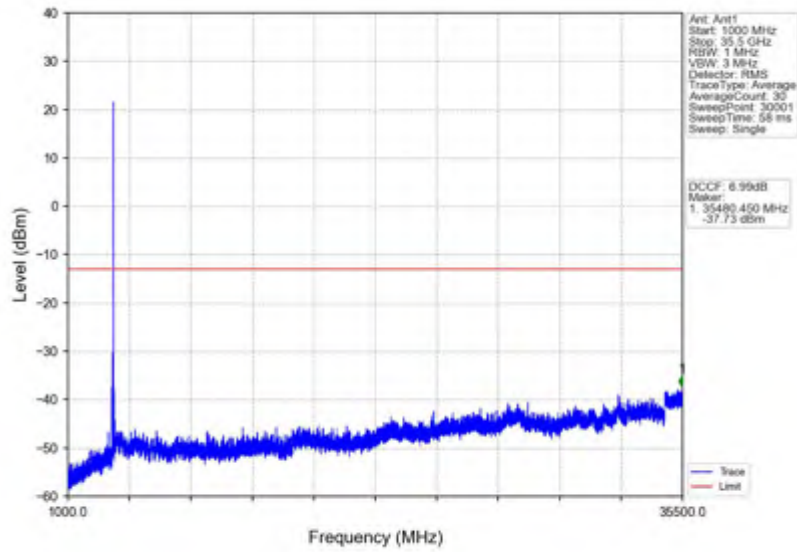
n78(3450-3550MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 3504.99MHz Edge 1RB Right



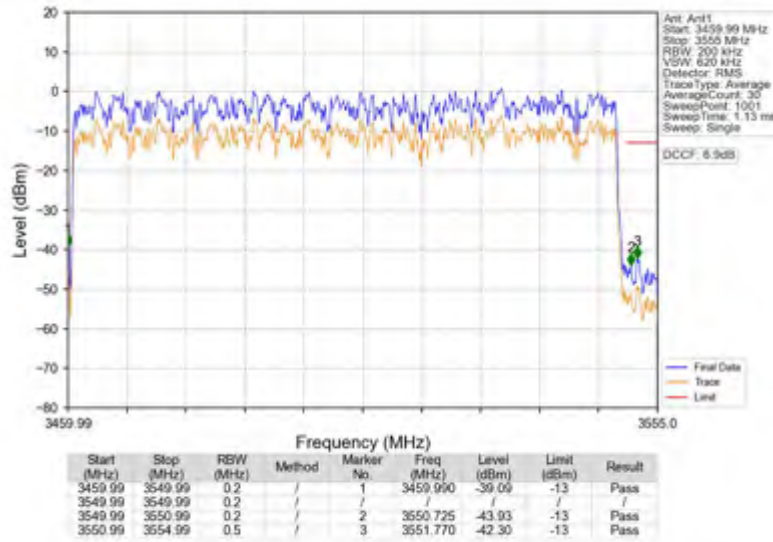
n78(3450-3550MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 3504.99MHz Edge 1RB Right



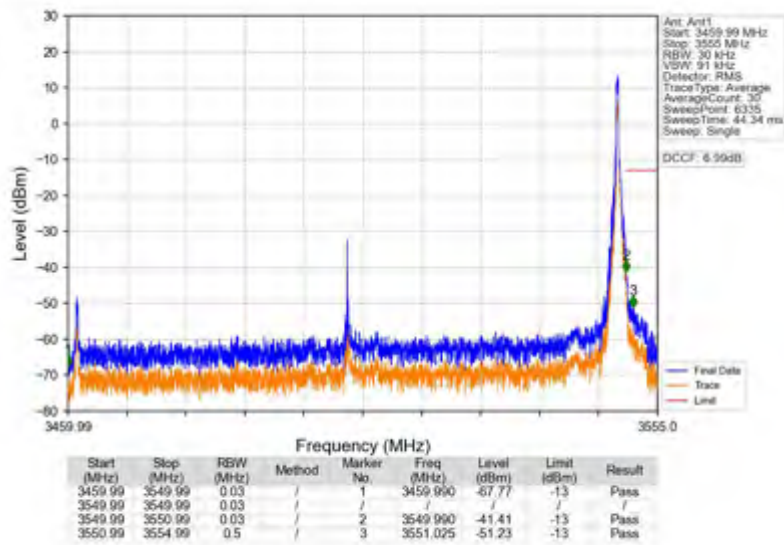
n78(3450-3550MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 3504.99MHz Edge 1RB Right



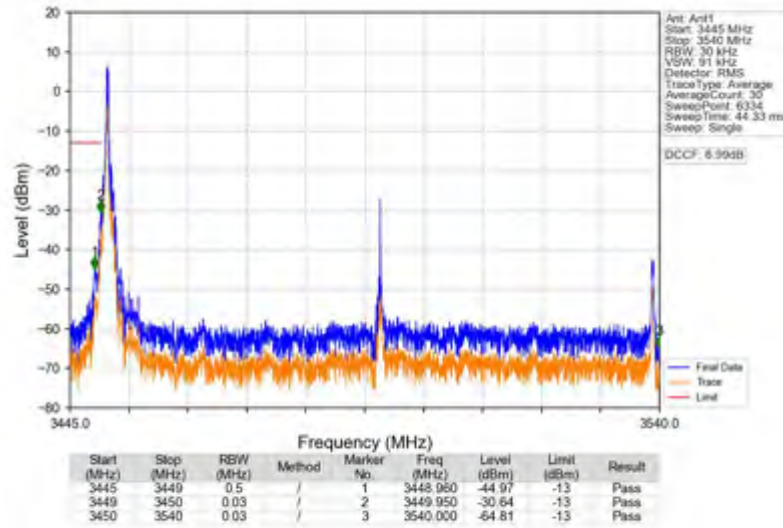
n78(3450-3550MHz) 30kHz SISO NTV 90MHz DFT-s-OFDM QPSK 3504.99MHz Outer Full



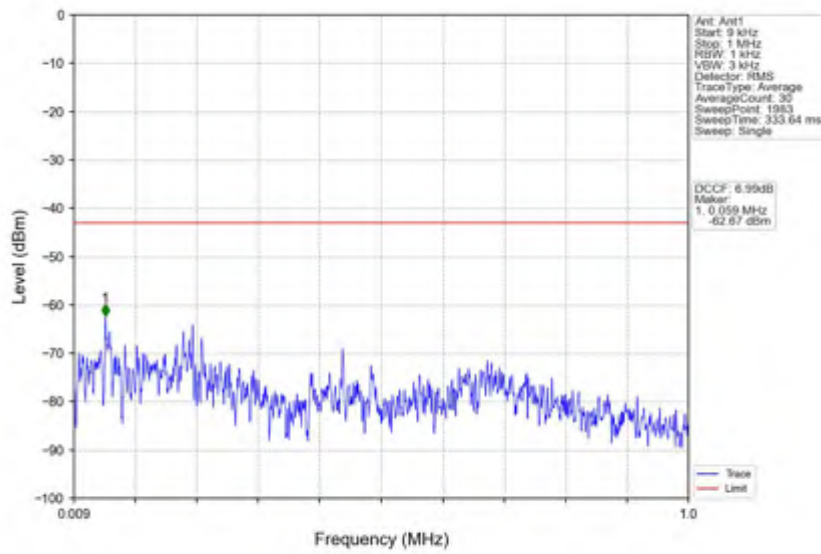
n78(3450-3550MHz) 30kHz SISO NTV 90MHz DFT-s-OFDM QPSK 3504.99MHz Inner 1RB Right



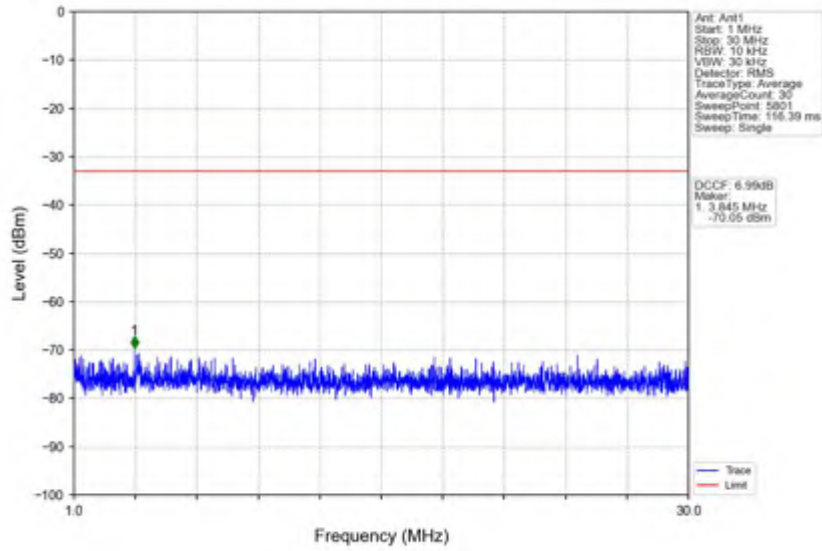
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3495MHz_Edge_1RB_Left



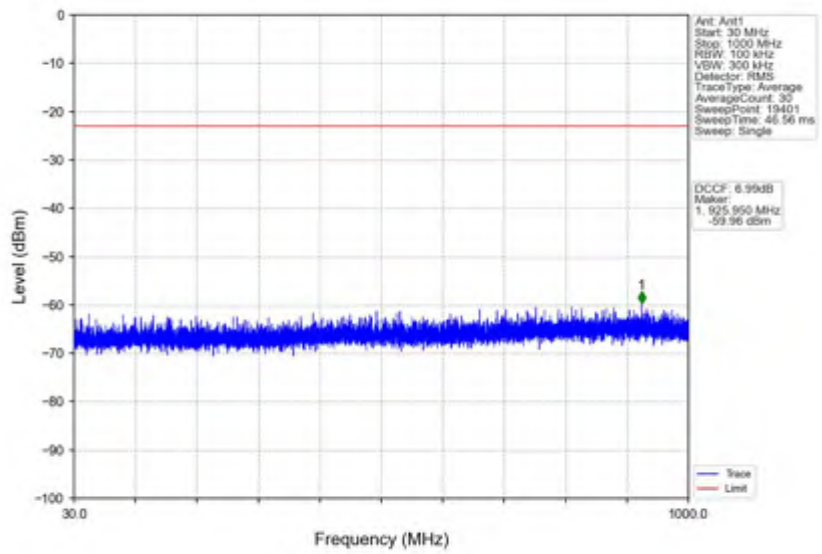
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3495MHz_Edge_1RB_Left



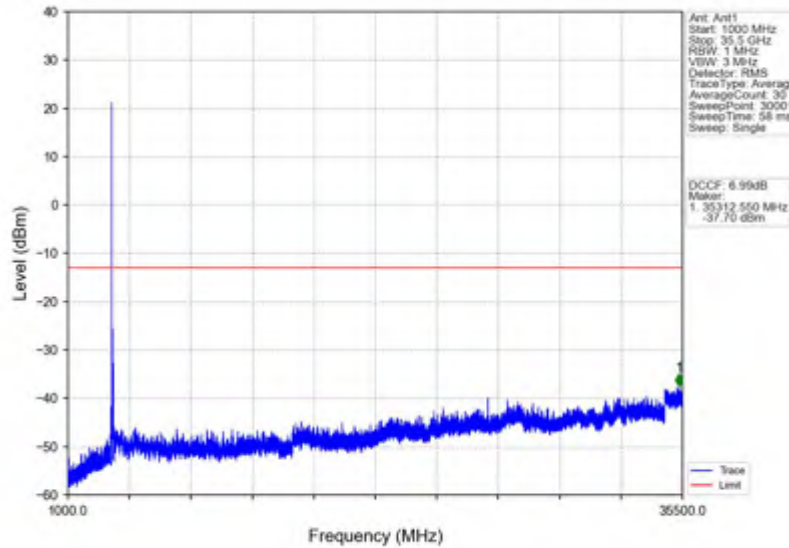
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3495MHz_Edge_1RB_Left



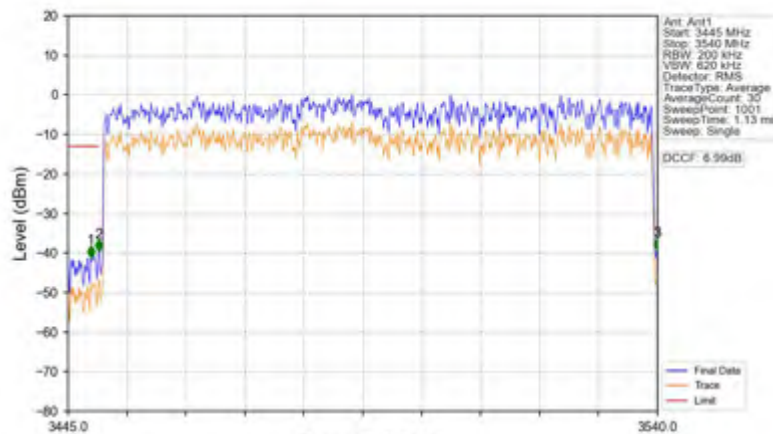
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3495MHz_Edge_1RB_Left



n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3495MHz_Edge_1RB_Left

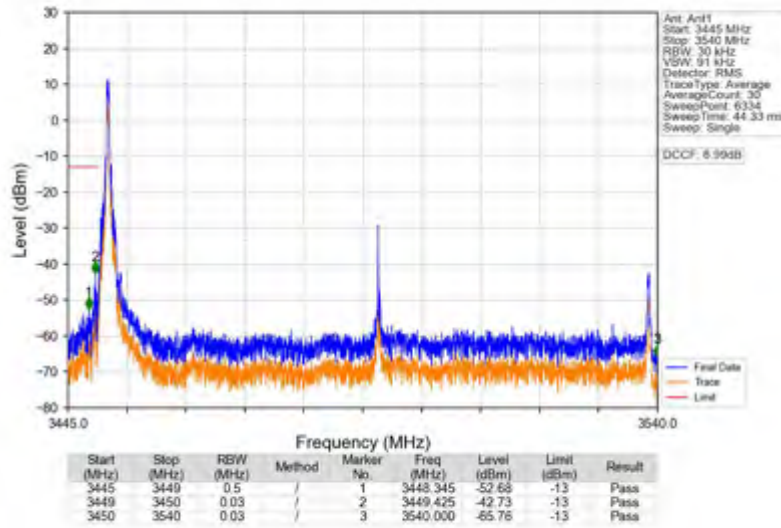


n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3495MHz_Outer_Full

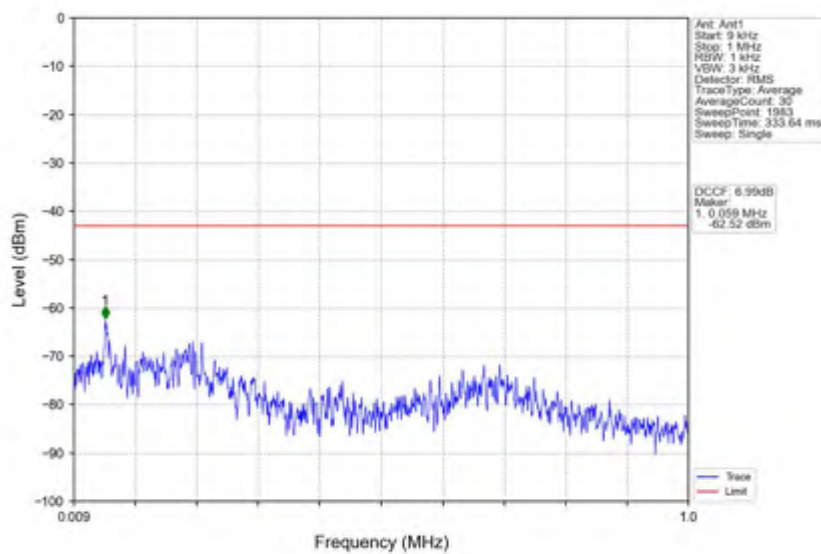


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	0.5	/	1	3448.705	-41.14	-13	Pass
3449	3450	0.2	/	2	3449.040	-39.59	-13	Pass
3450	3540	0.2	/	3	3540.000	-39.25	-13	Pass

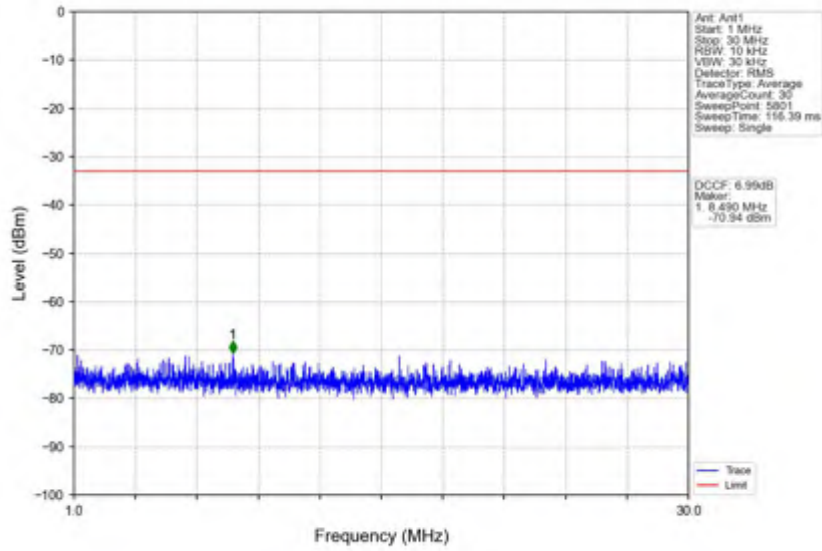
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3495MHz_Inner_1RB_Left



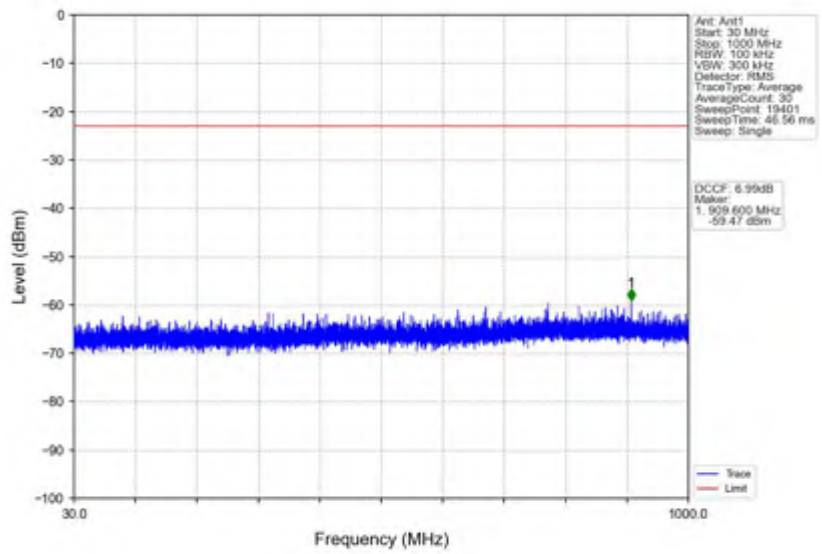
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



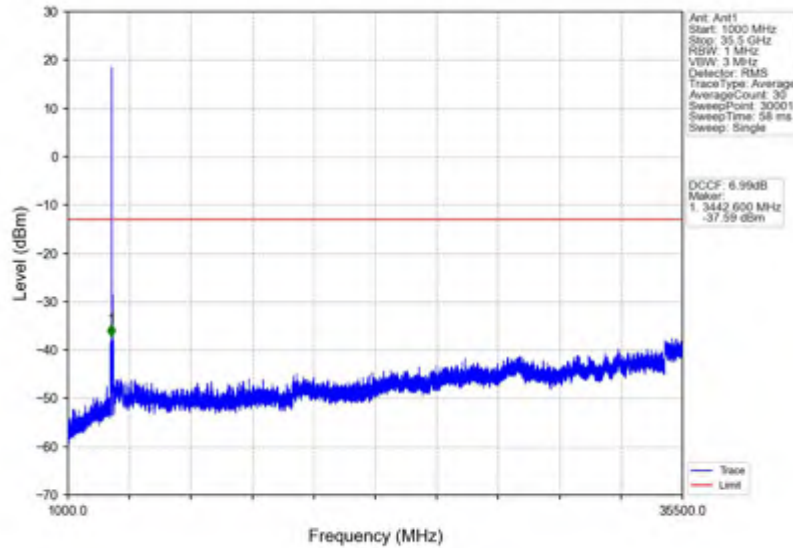
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



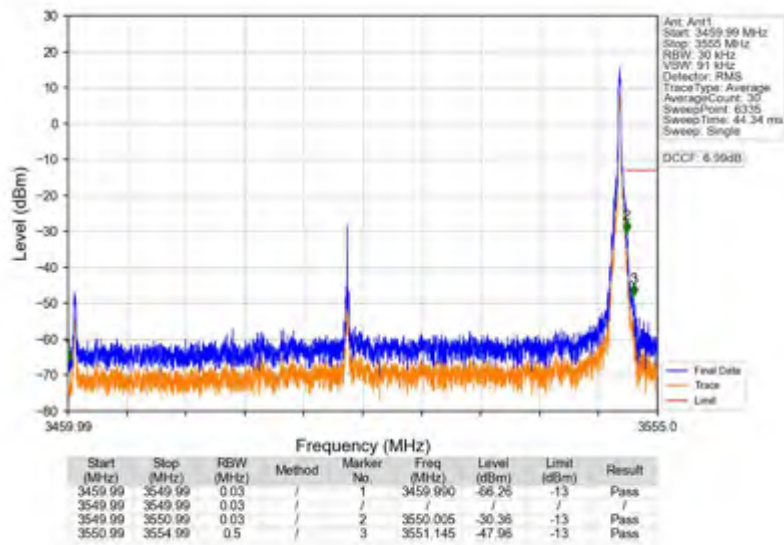
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



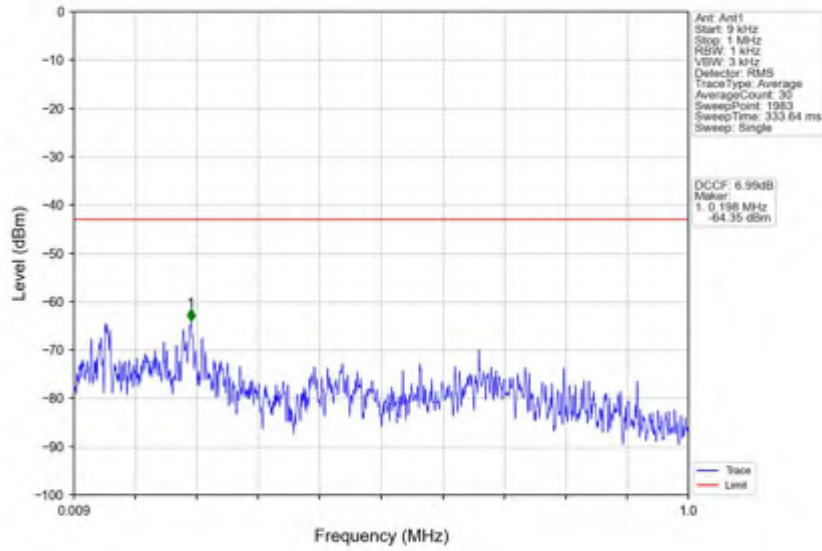
n78(3450-3550MHz) 30kHz SISO NTN 90MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left



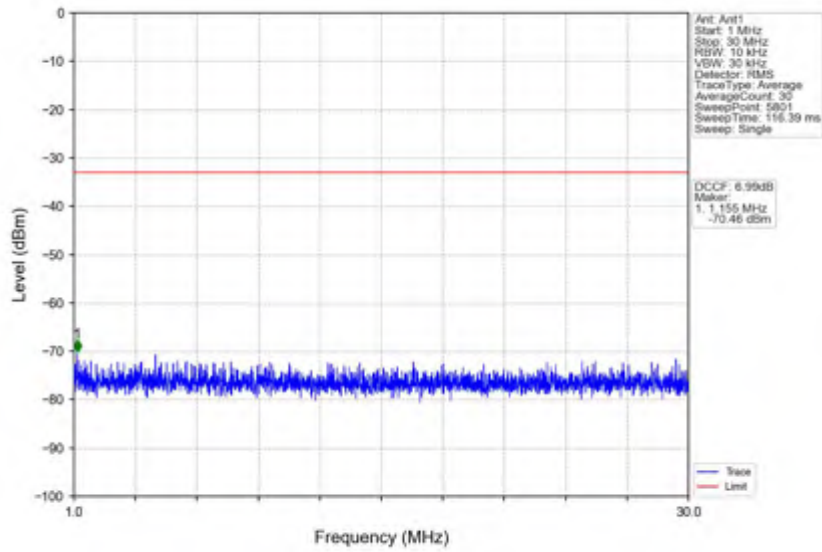
n78(3450-3550MHz) 30kHz SISO NTN 90MHz CP-OFDM QPSK 3504.99MHz Edge 1RB Right



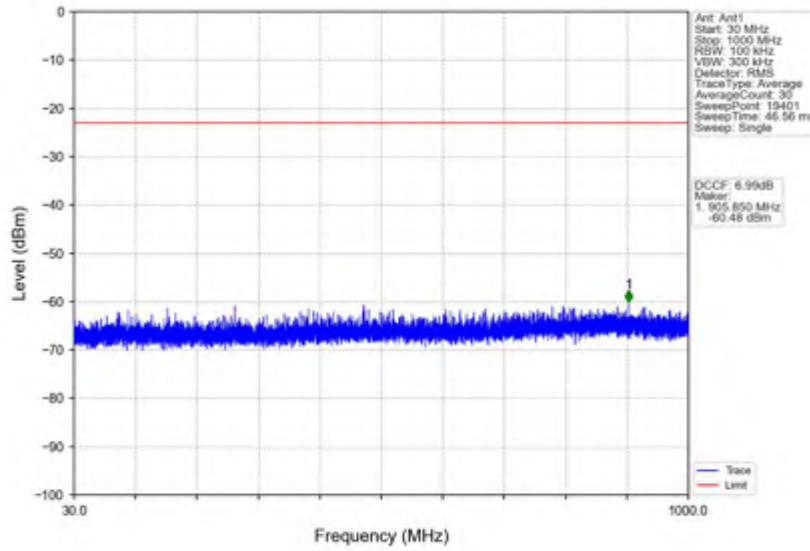
n78(3450-3550MHz) 30kHz SISO_NTNV_90MHz_CP-OFDM QPSK_3504.99MHz_Edge_1RB_Right



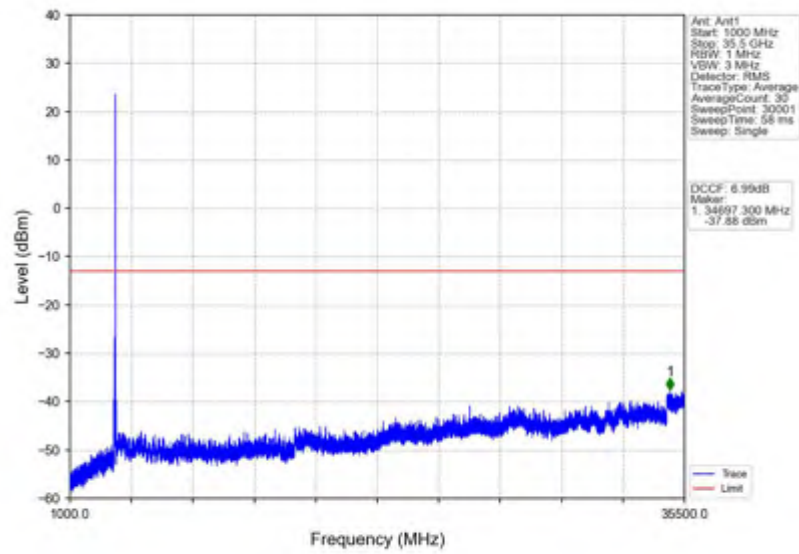
n78(3450-3550MHz) 30kHz SISO_NTNV_90MHz_CP-OFDM QPSK_3504.99MHz_Edge_1RB_Right



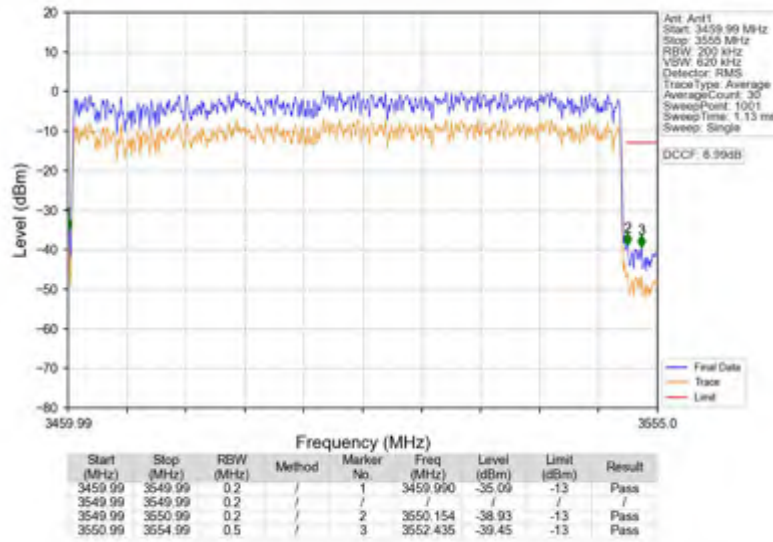
n78(3450-3550MHz) 30kHz SISO_NTNV_90MHz_CP-OFDM QPSK_3504.99MHz_Edge_1RB_Right



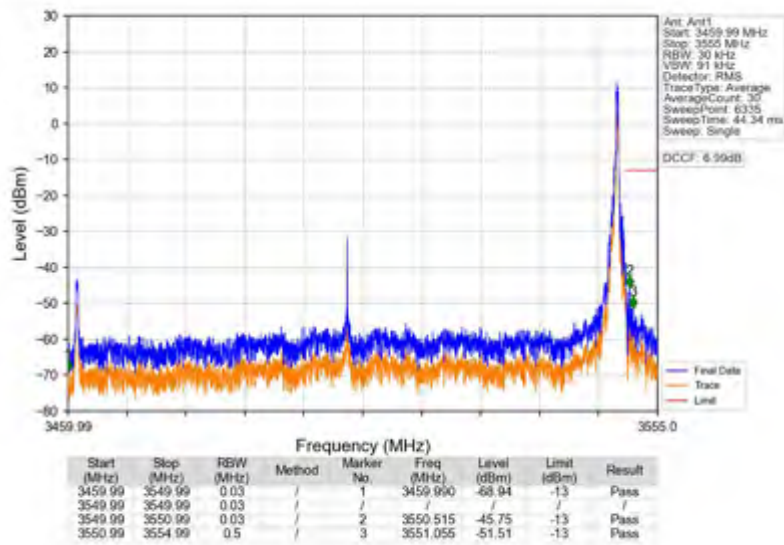
n78(3450-3550MHz) 30kHz SISO_NTNV_90MHz_CP-OFDM QPSK_3504.99MHz_Edge_1RB_Right



n78(3450-3550MHz) 30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3504.99MHz_Outer_Full



n78(3450-3550MHz) 30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3504.99MHz_Inner_1RB_Right



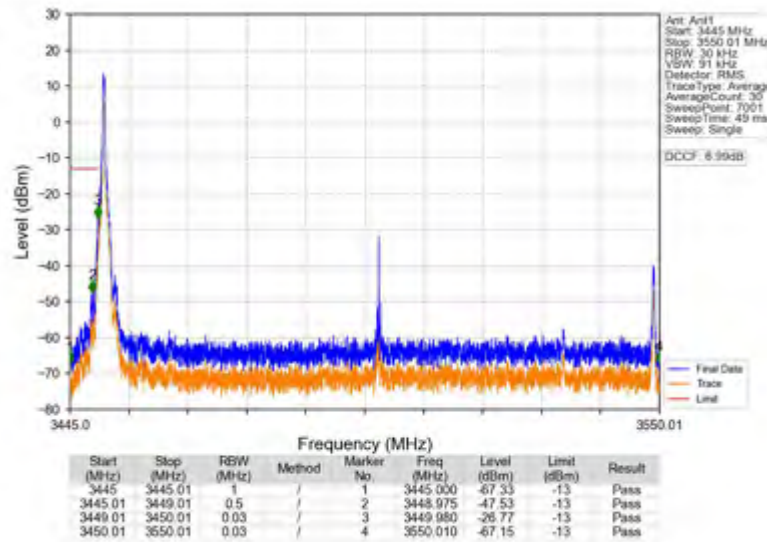
5.9 30k_SISO_100MHz_NTNV

5.9.1 Test Result

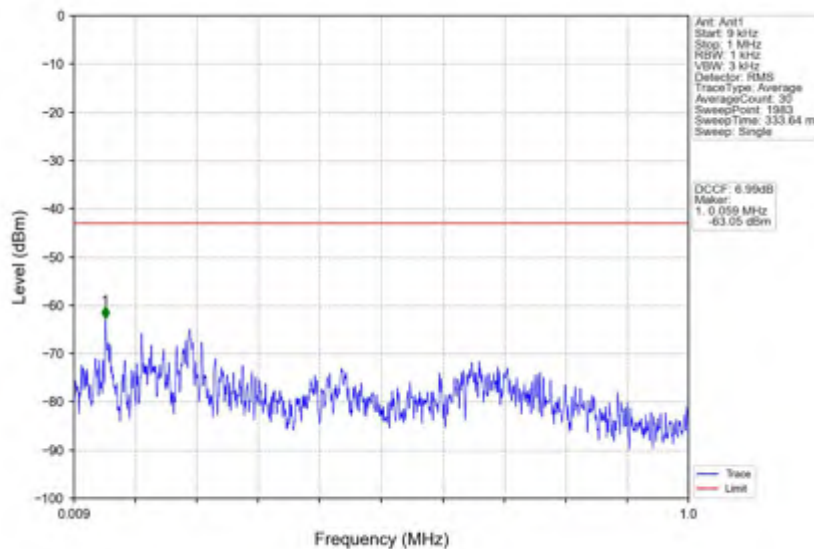
5G NR n78(3450-3550MHz) SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3499.98	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	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
	3499.98	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
CP-OFDM QPSK	3500.01	Inner_1RB_Right	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
	3499.98	Inner_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass

5.9.2 Test Graph

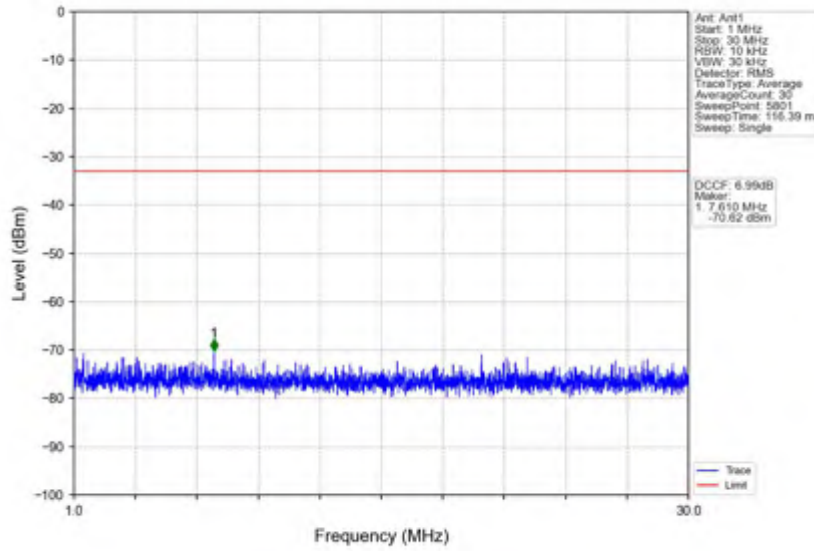
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



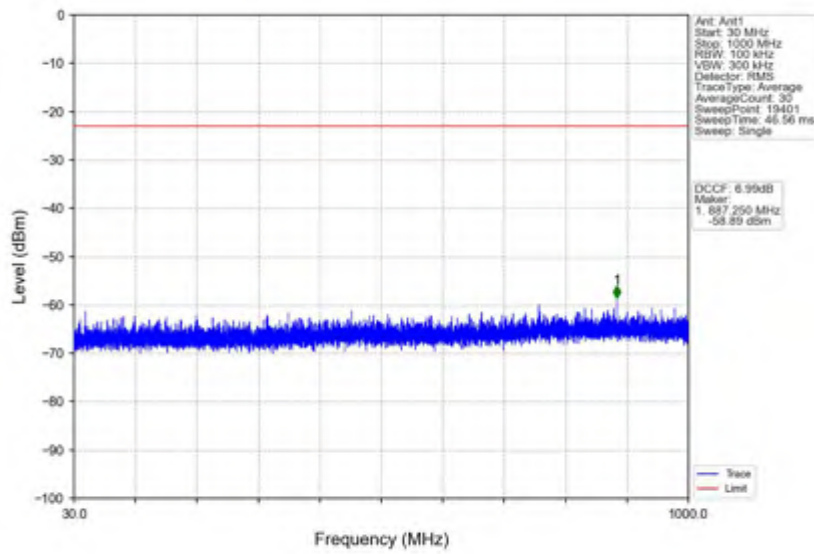
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



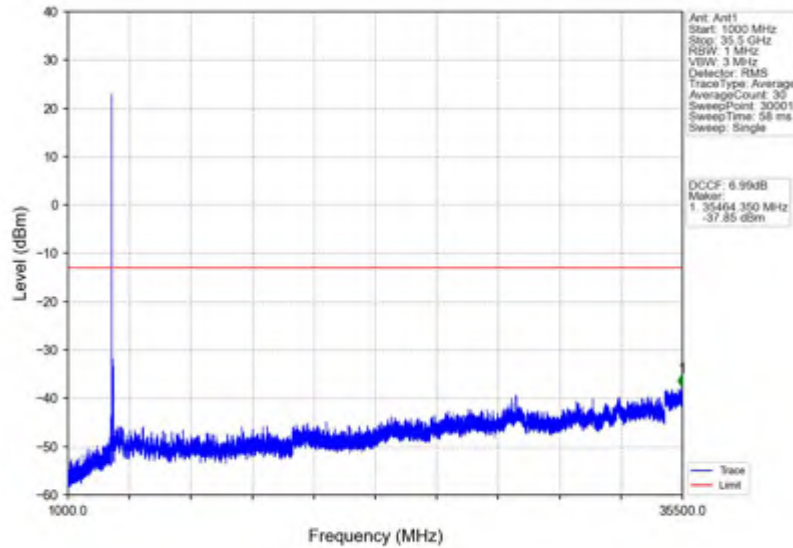
n78(3450-3550MHz) 30kHz SISO NTV 100MHz DFT-s-OFDM PI/2 BPSK 3500.01MHz Edge 1RB Left



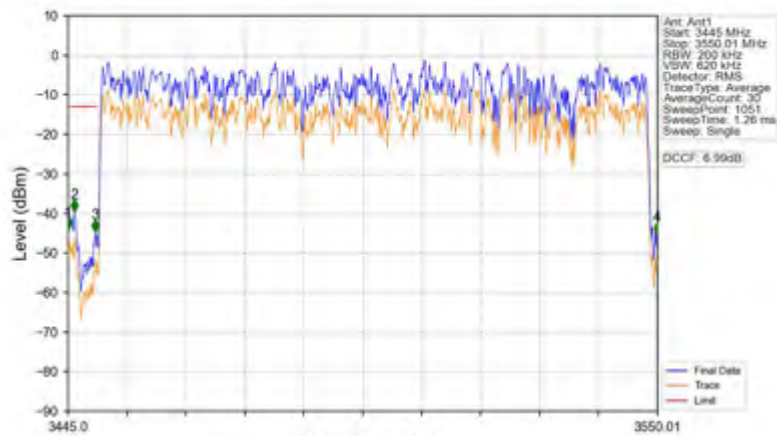
n78(3450-3550MHz) 30kHz SISO NTV 100MHz DFT-s-OFDM PI/2 BPSK 3500.01MHz Edge 1RB Left



n78(3450-3550MHz) 30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Edge_1RB_Left

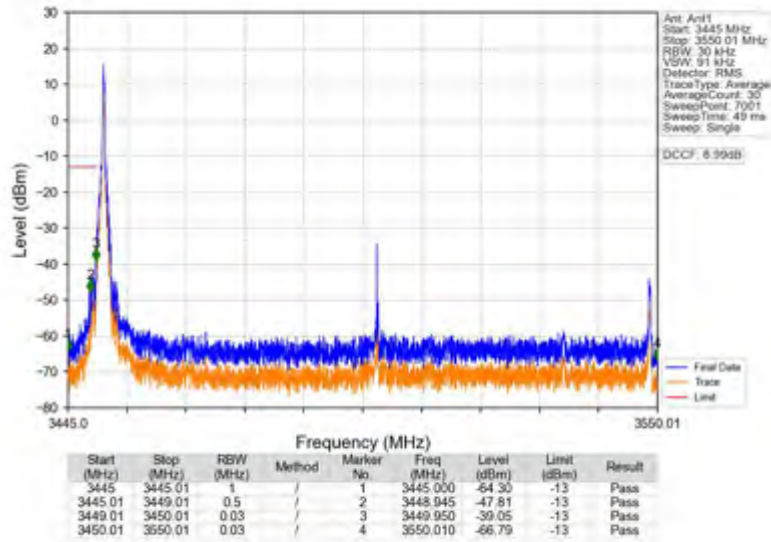


n78(3450-3550MHz) 30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Outer_Full

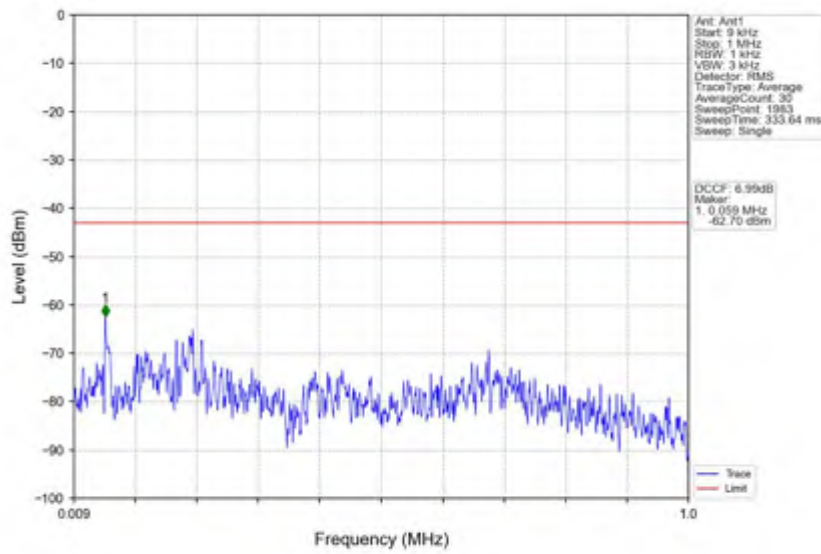


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.01	1	/	1	3445.000	-44.13	-13	Pass
3445.01	3449.01	0.5	/	2	3448.100	-39.57	-13	Pass
3449.01	3450.01	0.2	/	3	3449.900	-44.66	-13	Pass
3450.01	3550.01	0.2	/	4	3550.010	-45.19	-13	Pass

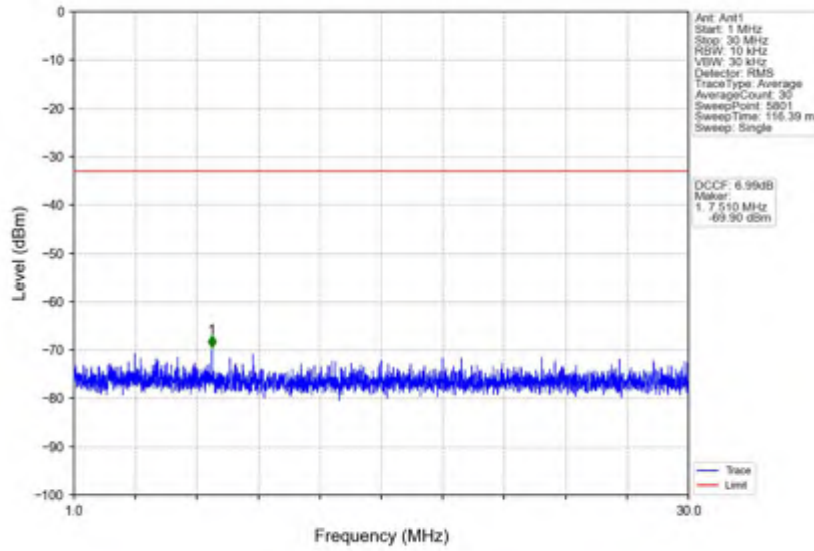
n78(3450-3550MHz) 30kHz SISO NTV 100MHz DFT-s-OFDM PI/2 BPSK 3500.01MHz Inner 1RB Left



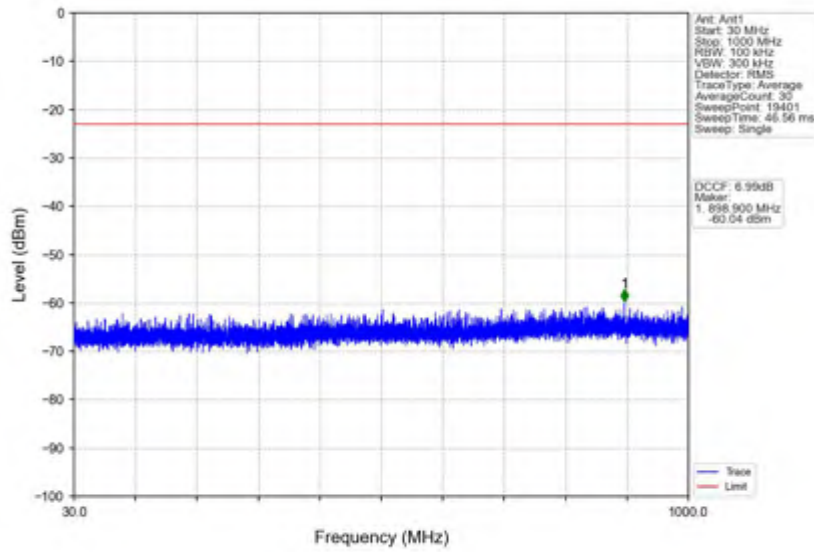
n78(3450-3550MHz) 30kHz SISO NTV 100MHz DFT-s-OFDM PI/2 BPSK 3500.01MHz Edge 1RB Left



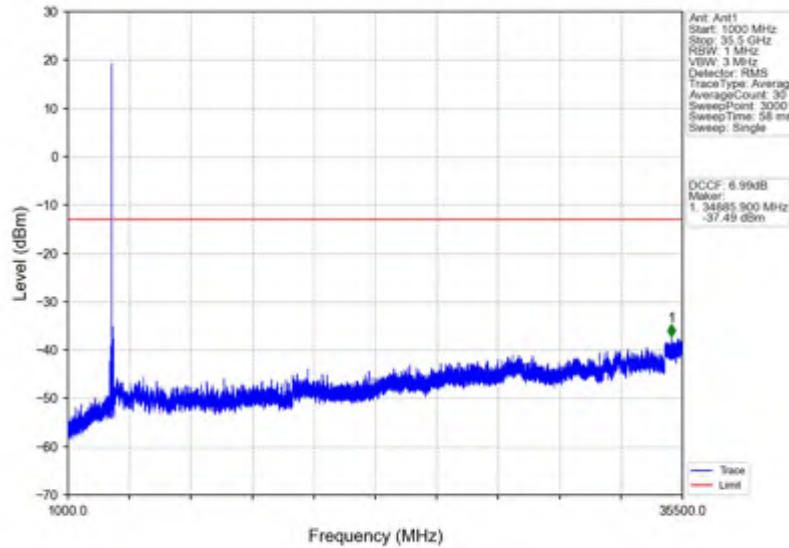
n78(3450-3550MHz) 30kHz SISO NTVN 100MHz DFT-s-OFDM PI/2 BPSK 3500.01MHz Edge 1RB Left



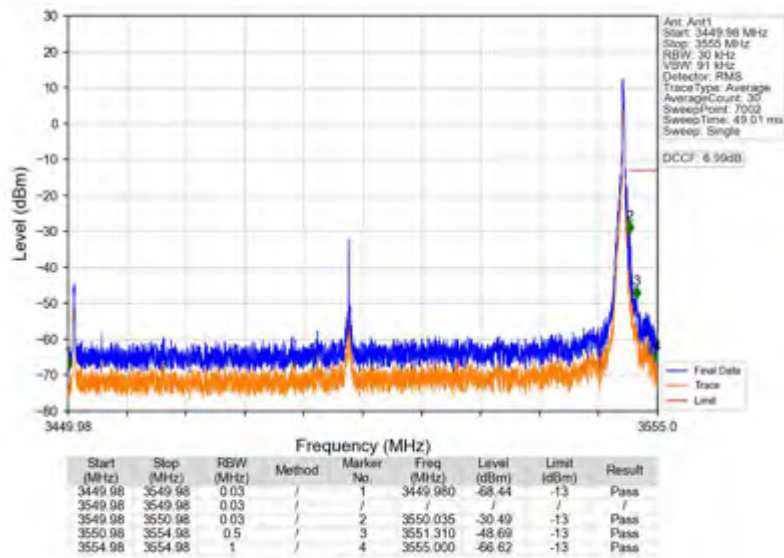
n78(3450-3550MHz) 30kHz SISO NTVN 100MHz DFT-s-OFDM PI/2 BPSK 3500.01MHz Edge 1RB Left



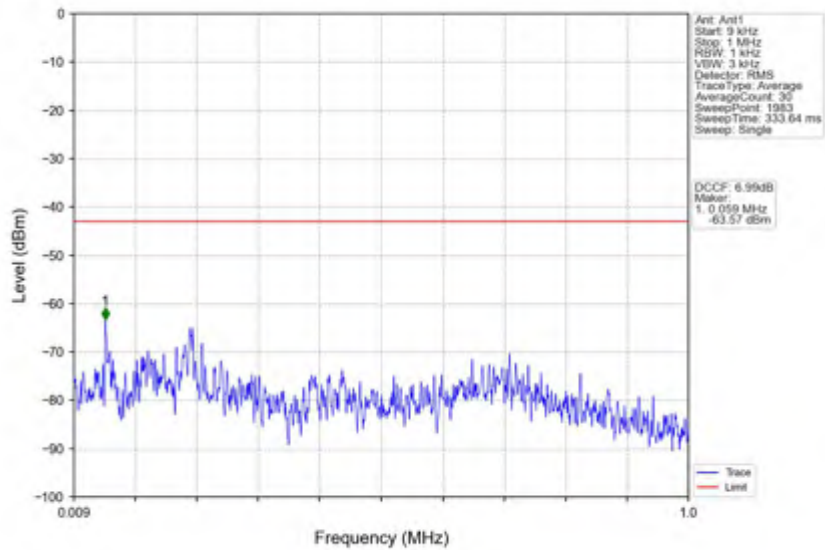
n78(3450-3550MHz) 30kHz SISO NTV 100MHz DFT-s-OFDM PI/2 BPSK 3500.01MHz Edge 1RB Left



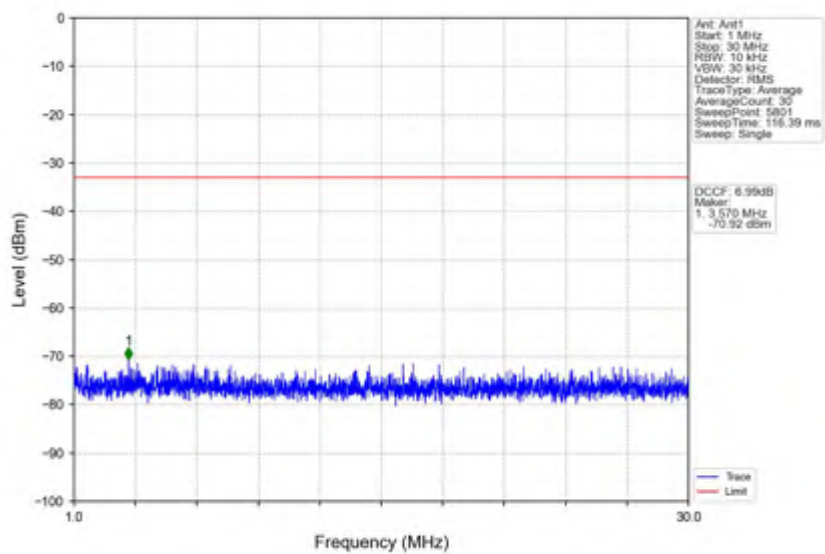
n78(3450-3550MHz) 30kHz SISO NTV 100MHz DFT-s-OFDM PI/2 BPSK 3499.98MHz Edge 1RB Right



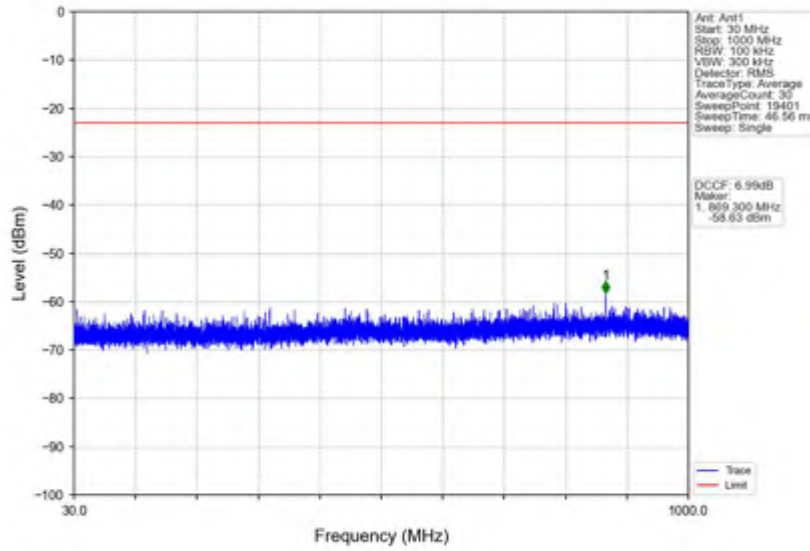
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3499.98MHz_Edge_1RB_Right



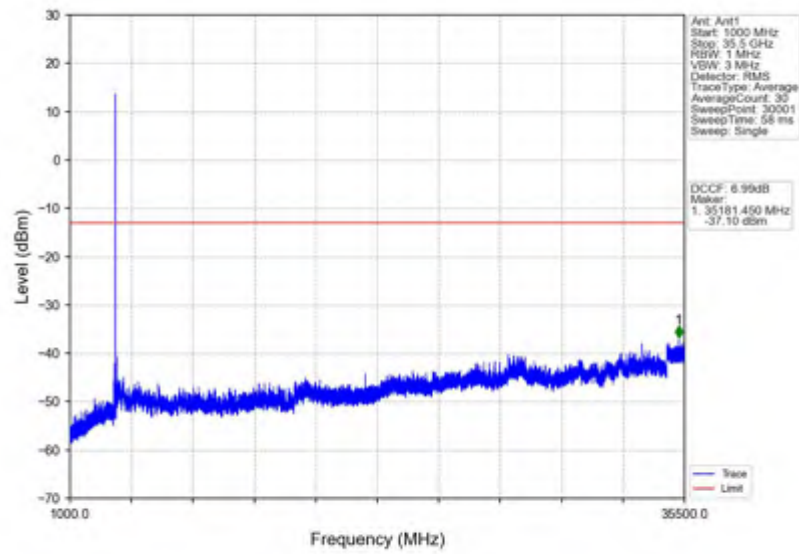
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3499.98MHz_Edge_1RB_Right



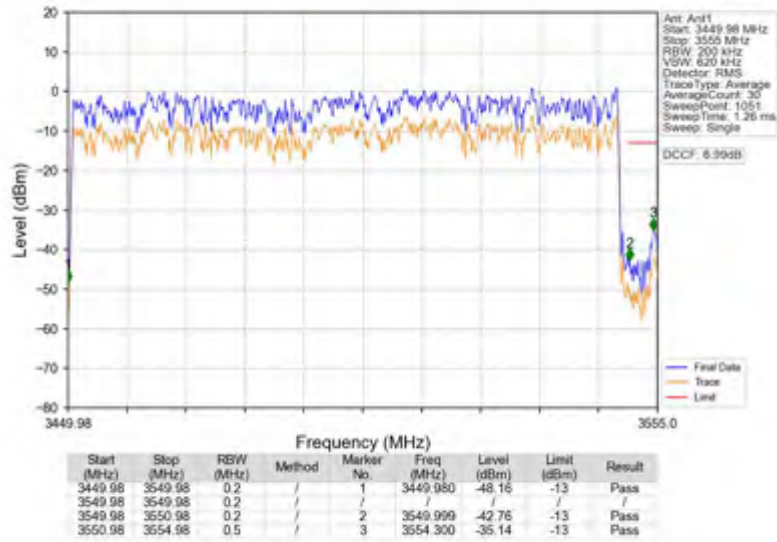
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3499.98MHz_Edge_1RB_Right



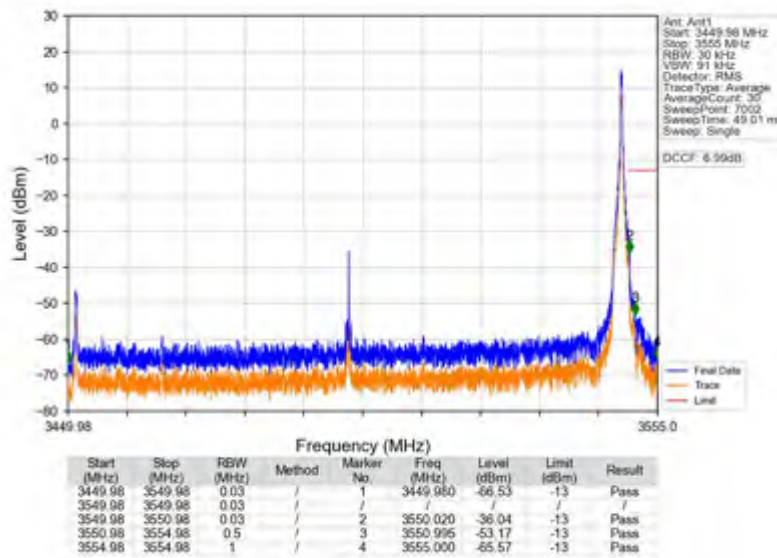
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3499.98MHz_Edge_1RB_Right



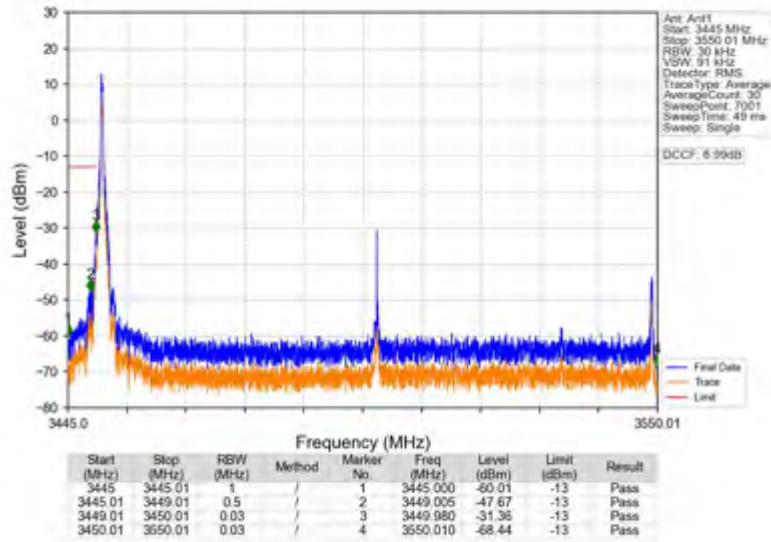
n78(3450-3550MHz) 30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3499.98MHz_Outer_Full



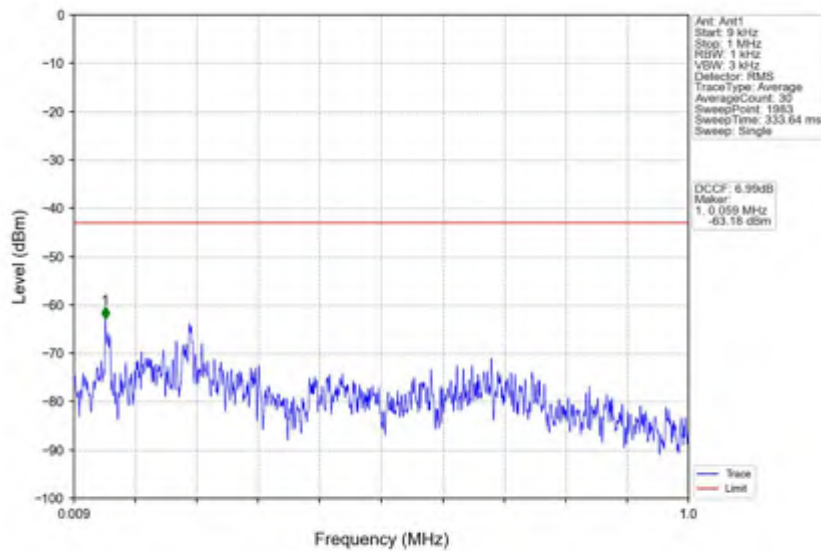
n78(3450-3550MHz) 30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3499.98MHz_Inner_1RB_Right



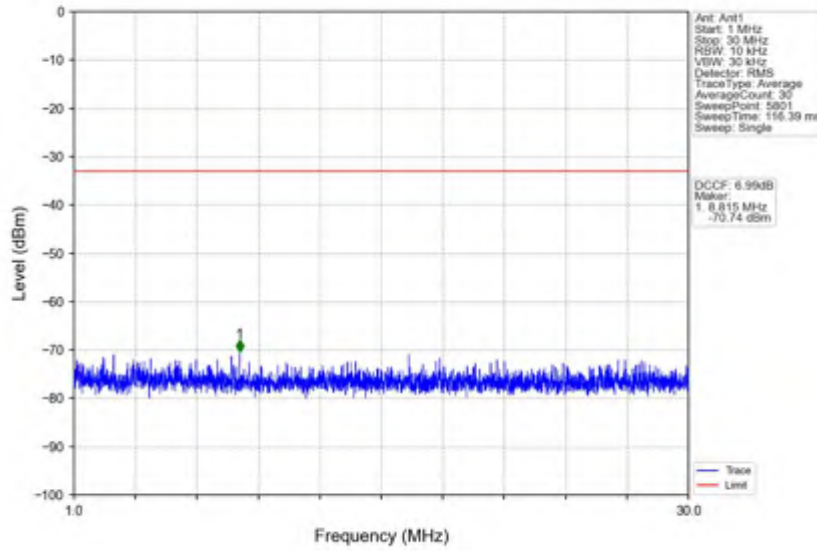
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



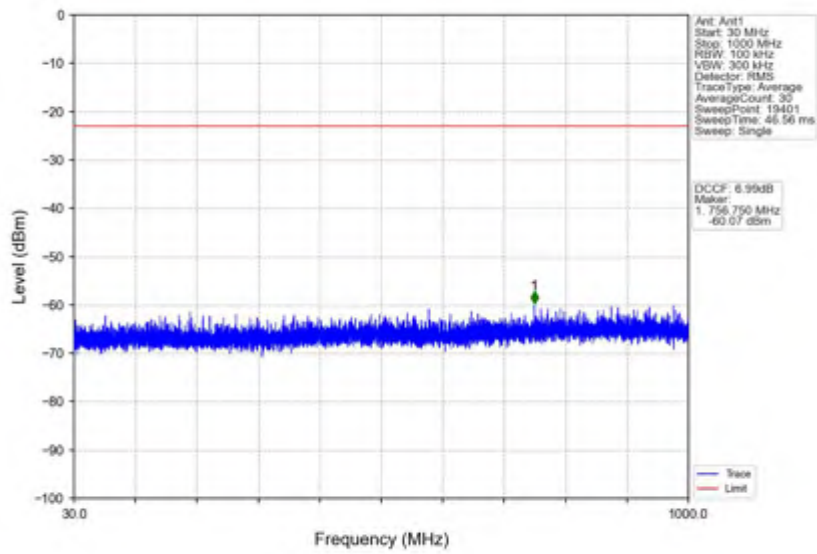
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



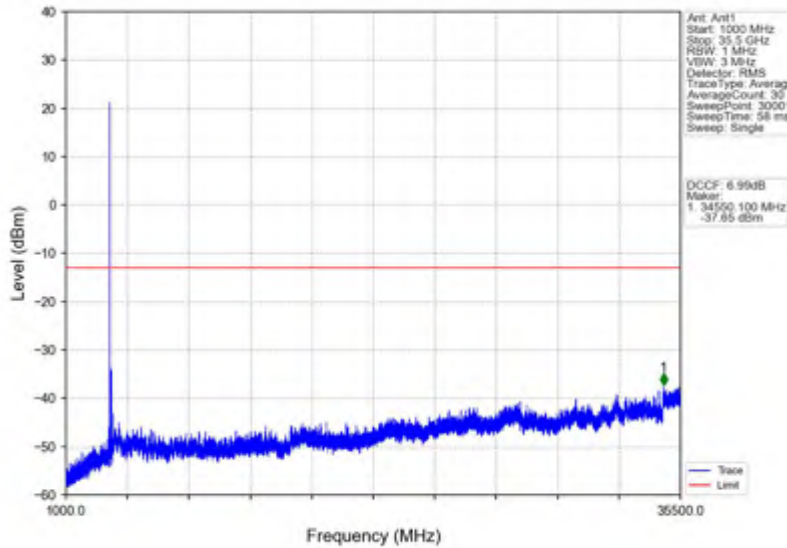
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



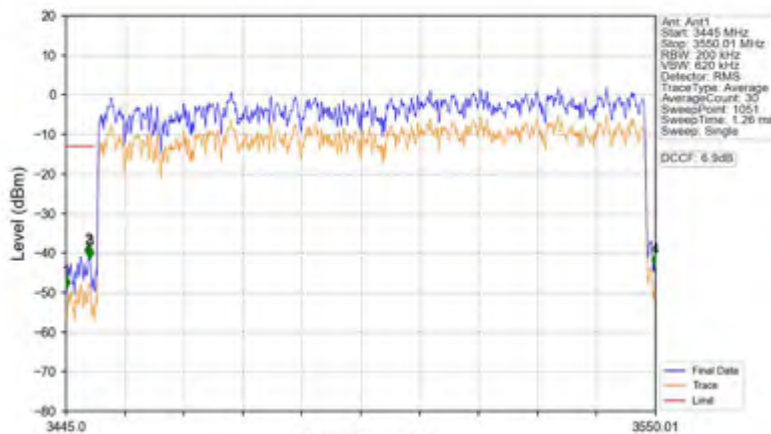
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left

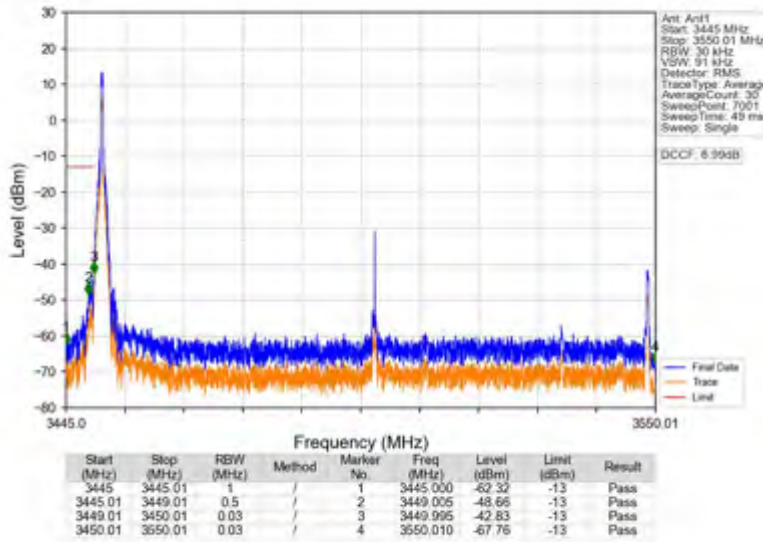


n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Outer_Full

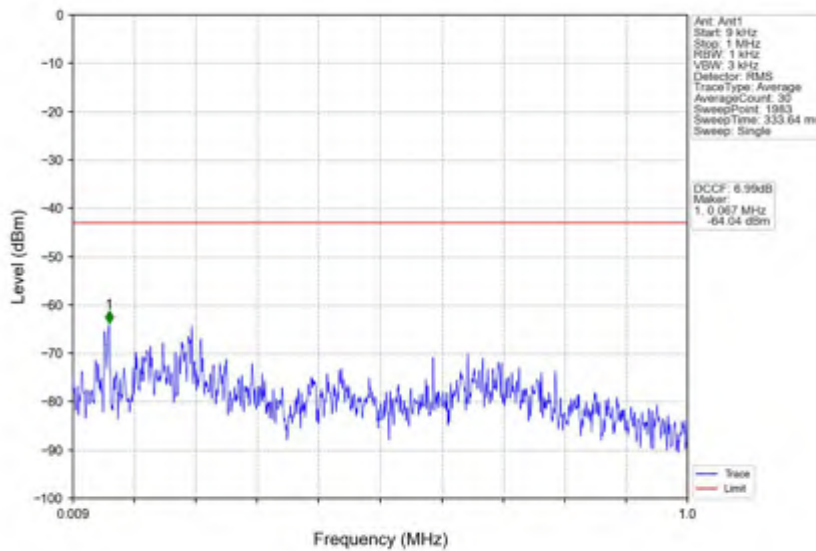


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.01	1	/	1	3445.000	-48.89	-13	Pass
3445.01	3449.01	0.5	/	2	3449.000	-40.88	-13	Pass
3449.01	3450.01	0.2	/	3	3449.200	-41.45	-13	Pass
3450.01	3550.01	0.2	/	4	3550.010	-43.38	-13	Pass

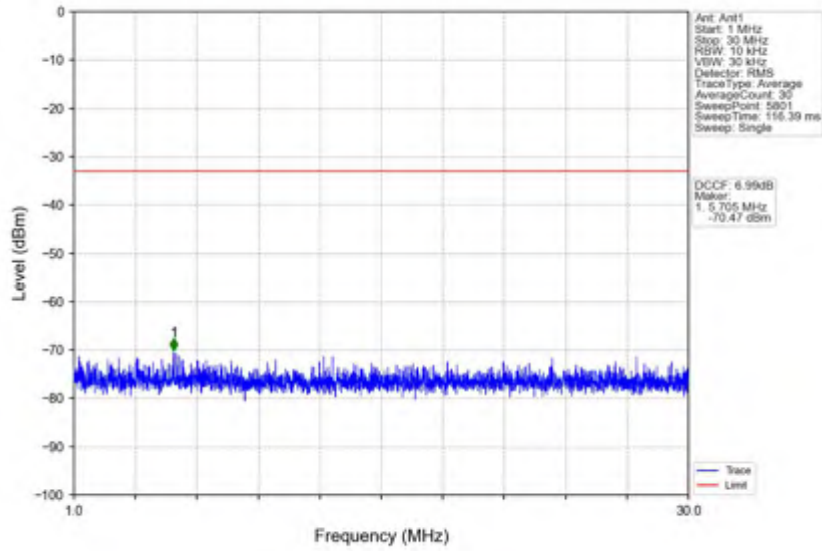
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Inner_1RB_Left



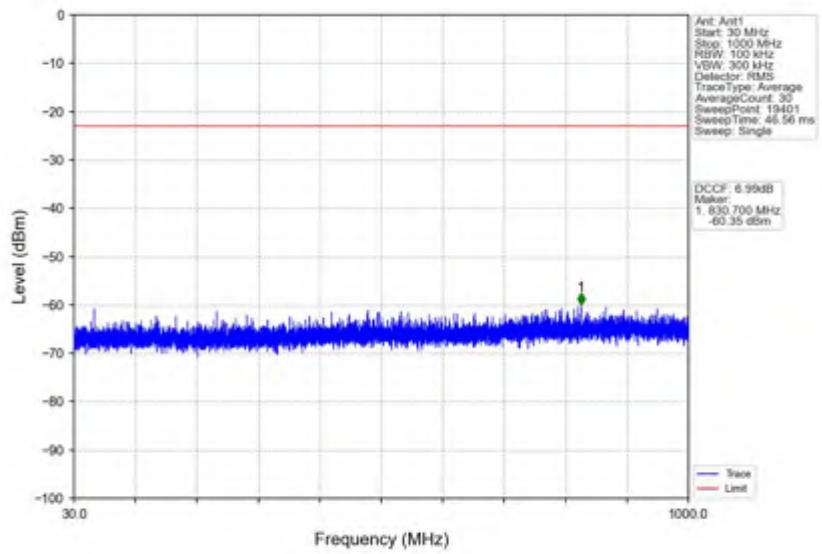
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



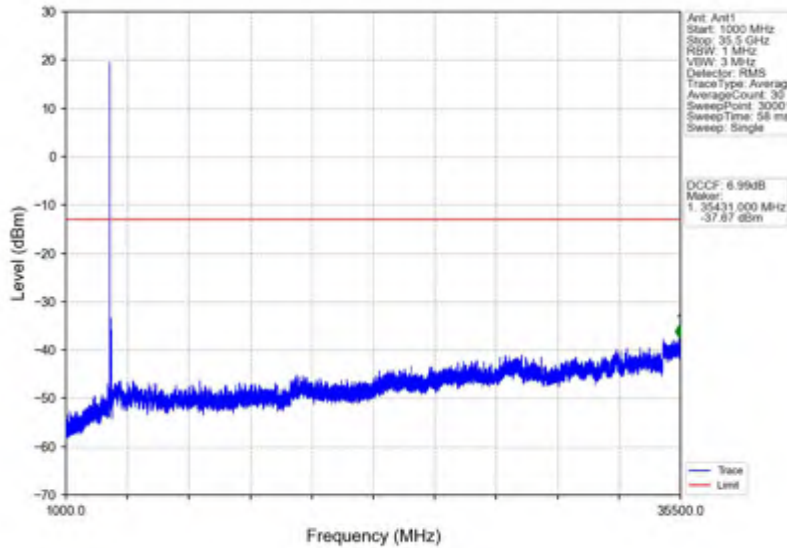
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



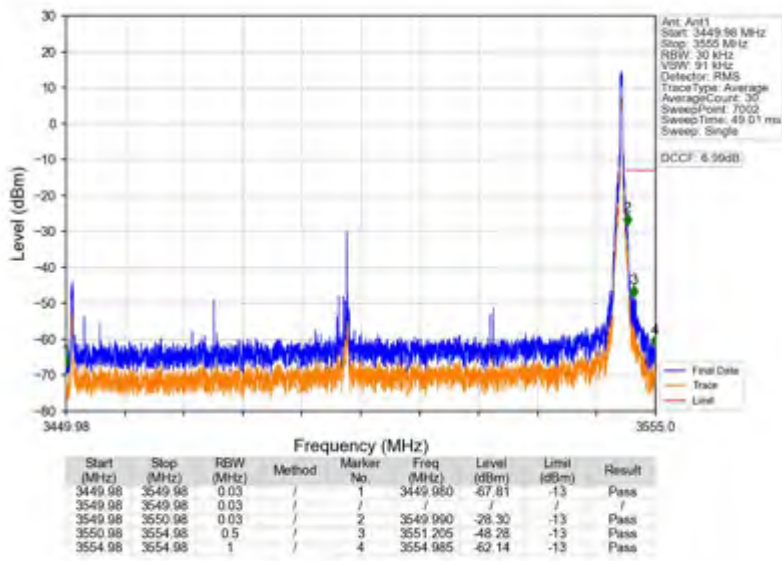
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



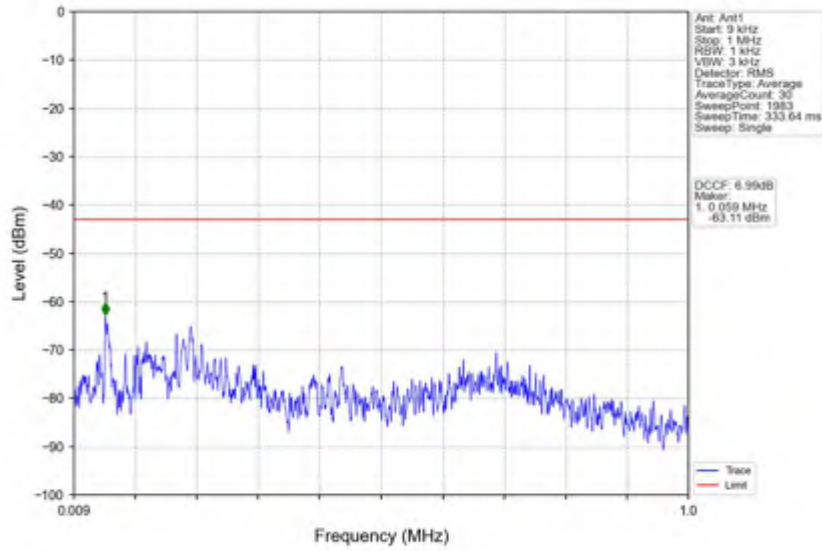
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_DFT-s-OFDM QPSK 3500.01MHz_Edge_1RB_Left



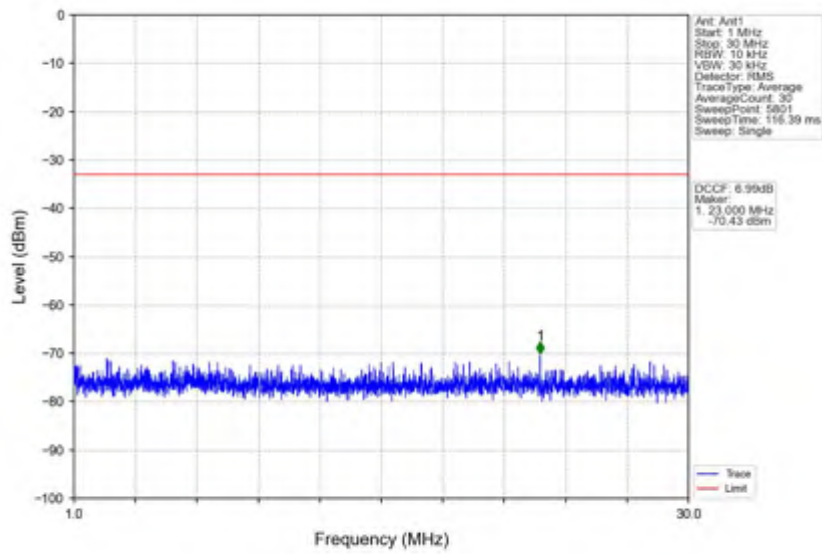
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_DFT-s-OFDM QPSK 3499.98MHz_Edge_1RB_Right



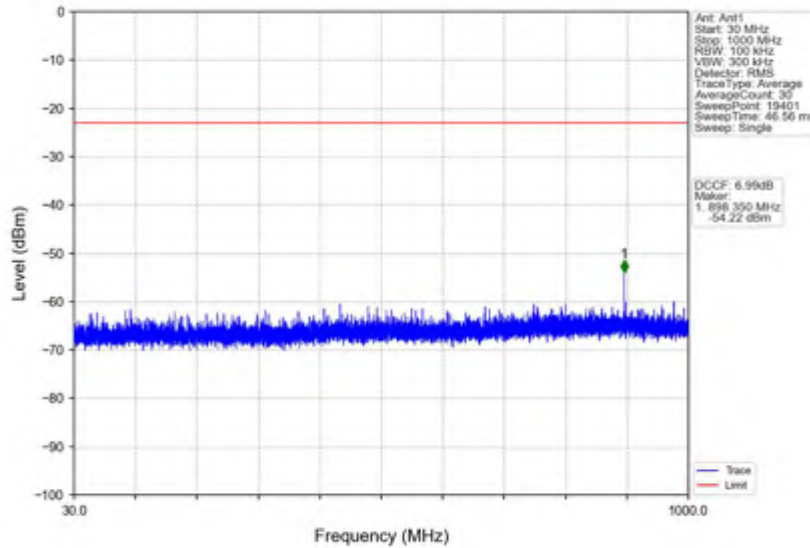
n78(3450-3550MHz) 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3499.98MHz Edge 1RB Right



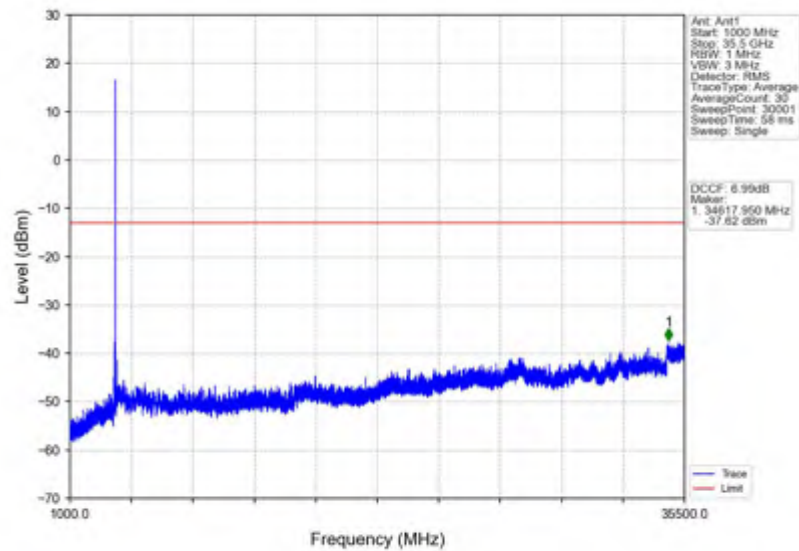
n78(3450-3550MHz) 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3499.98MHz Edge 1RB Right



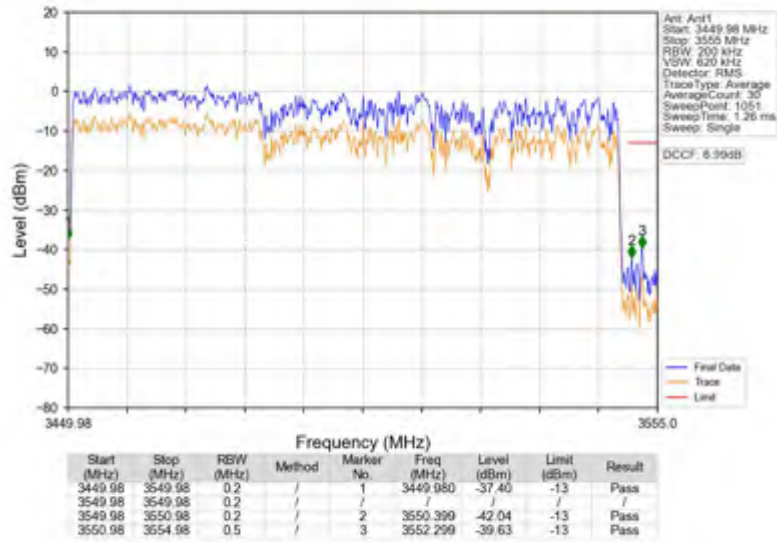
n78(3450-3550MHz) 30kHz SISO NTNv 100MHz DFT-s-OFDM QPSK 3499.98MHz Edge 1RB Right



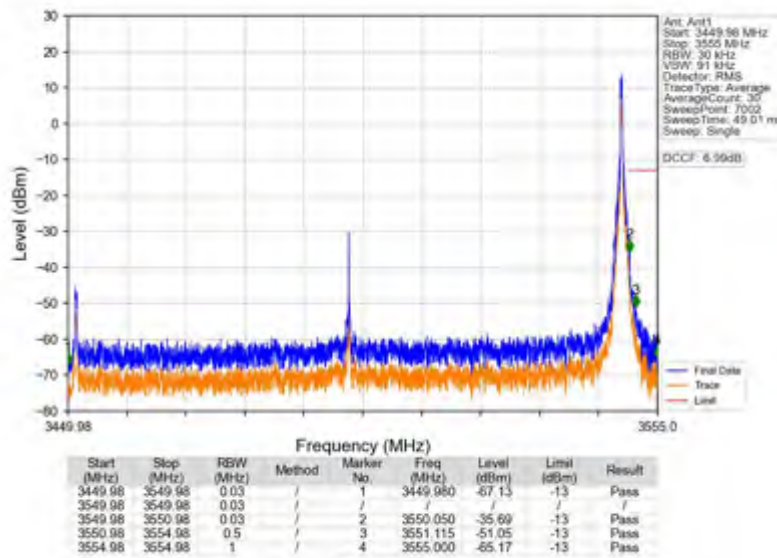
n78(3450-3550MHz) 30kHz SISO NTNv 100MHz DFT-s-OFDM QPSK 3499.98MHz Edge 1RB Right



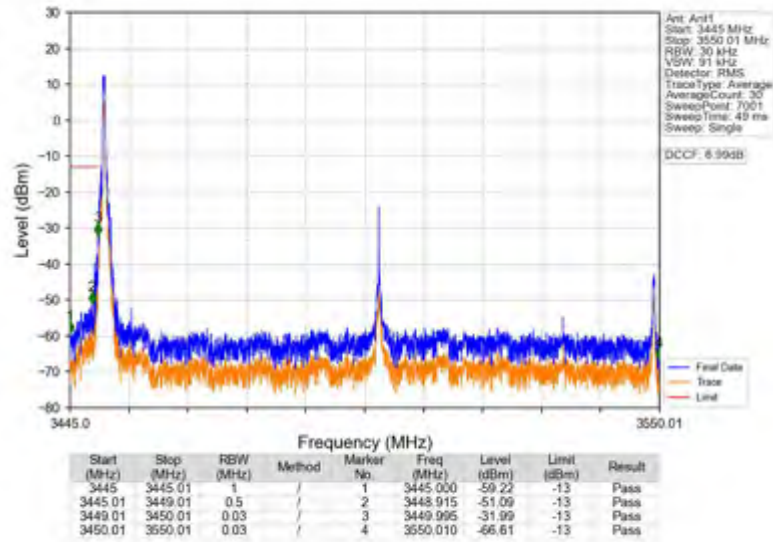
n78(3450-3550MHz) 30kHz SISO NTN_V 100MHz_DFT-s-OFDM QPSK 3499.98MHz Outer Full



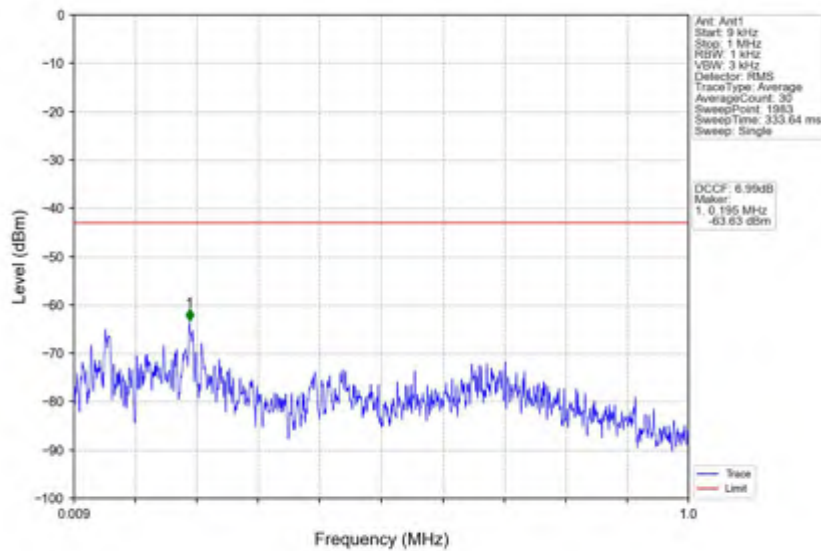
n78(3450-3550MHz) 30kHz SISO NTN_V 100MHz_DFT-s-OFDM QPSK 3499.98MHz Inner 1RB_Right



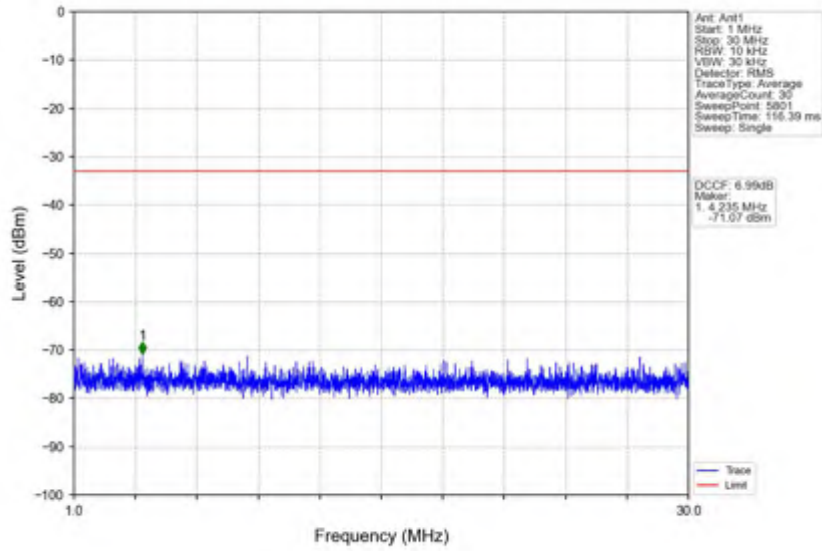
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



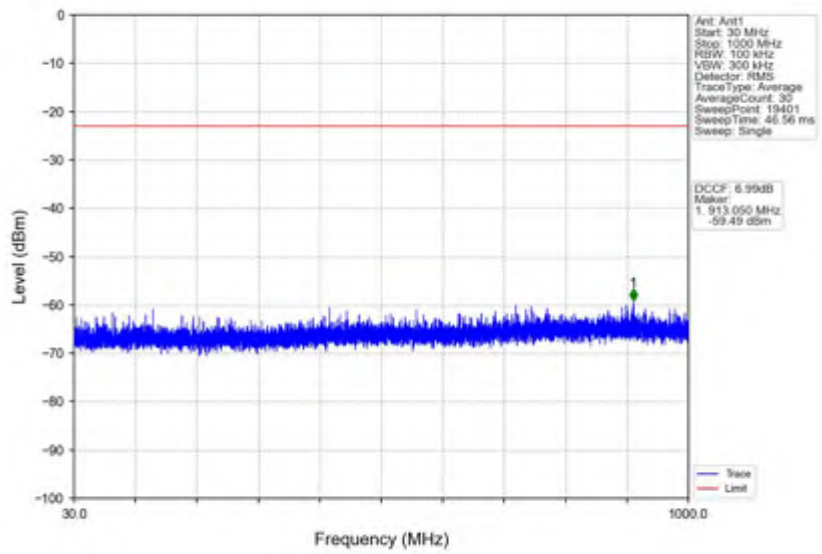
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



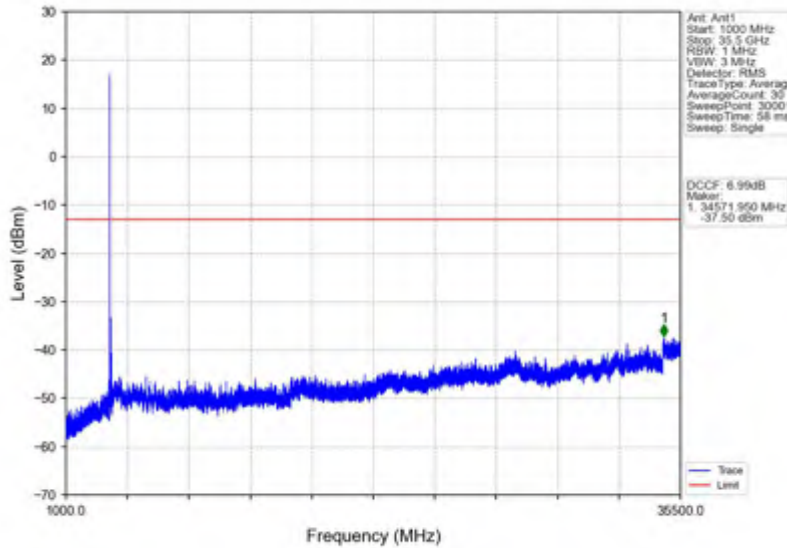
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_CP-OFDM QPSK_3500.01MHz_Edge_1RB_Left



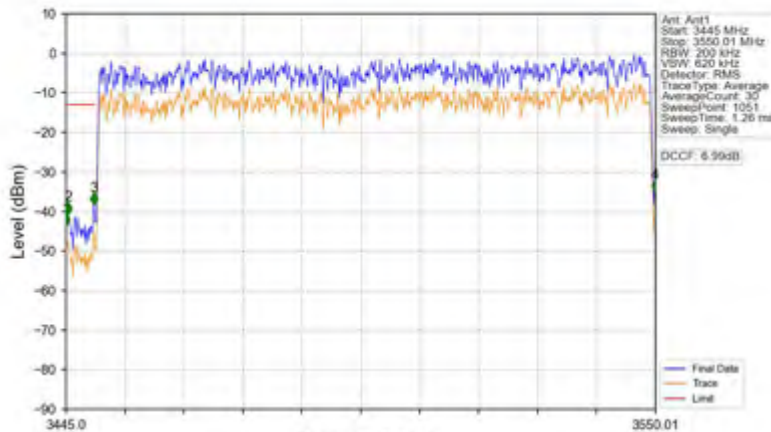
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_CP-OFDM QPSK_3500.01MHz_Edge_1RB_Left



n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz CP-OFDM QPSK_3500.01MHz Edge 1RB Left

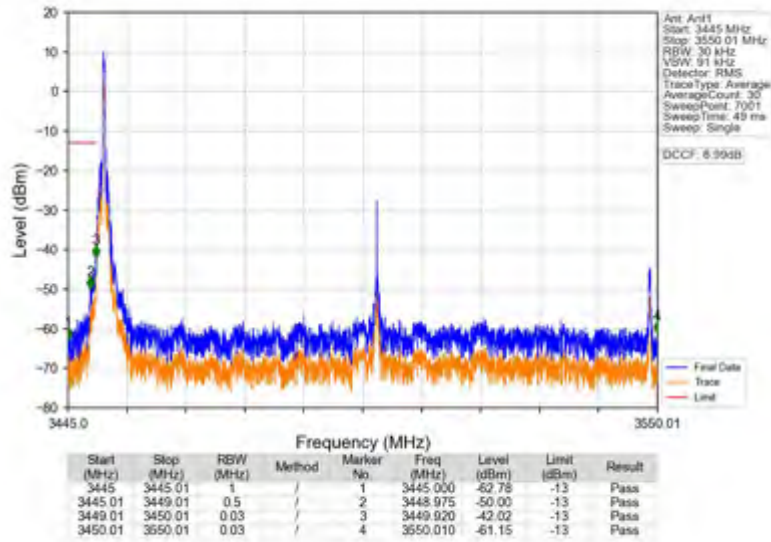


n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz CP-OFDM QPSK_3500.01MHz_Outer_Full

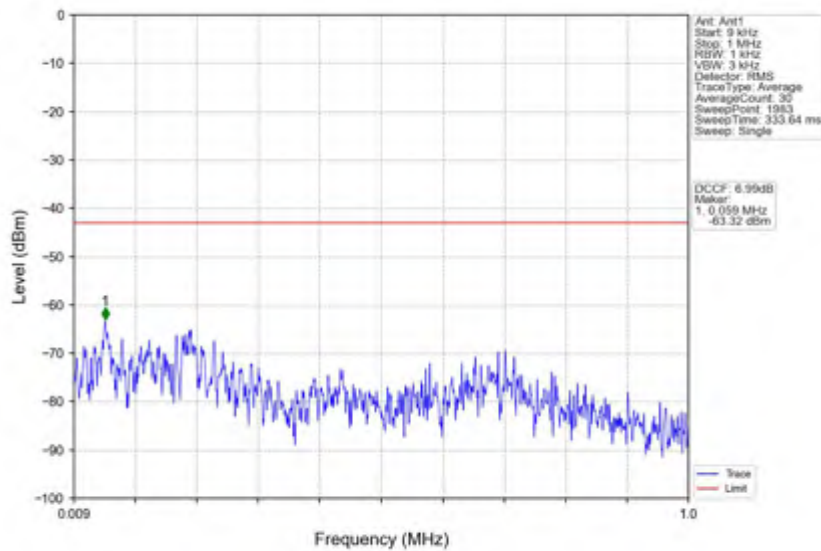


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.01	1	/	1	3445.000	-43.57	-13	Pass
3445.01	3449.01	0.5	/	2	3445.400	-40.73	-13	Pass
3449.01	3450.01	0.2	/	3	3450.000	-38.40	-13	Pass
3450.01	3550.01	0.2	/	4	3550.010	-34.95	-13	Pass

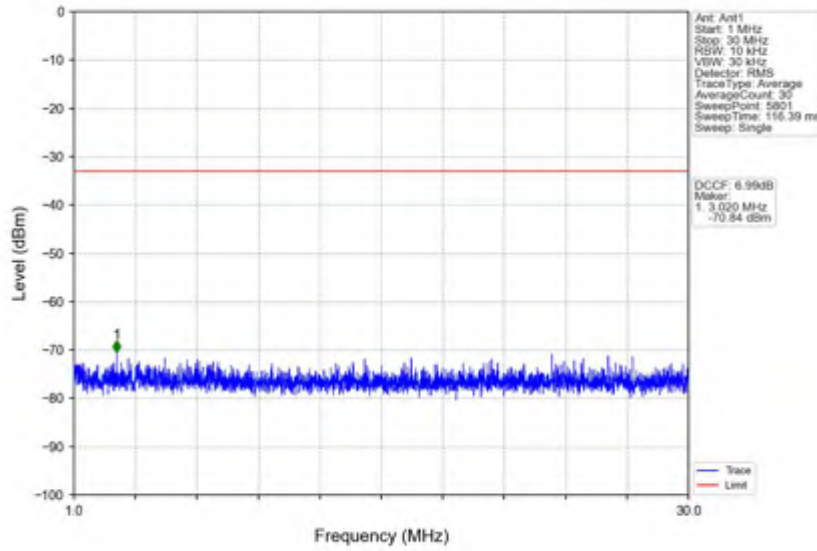
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Inner_1RB_Left



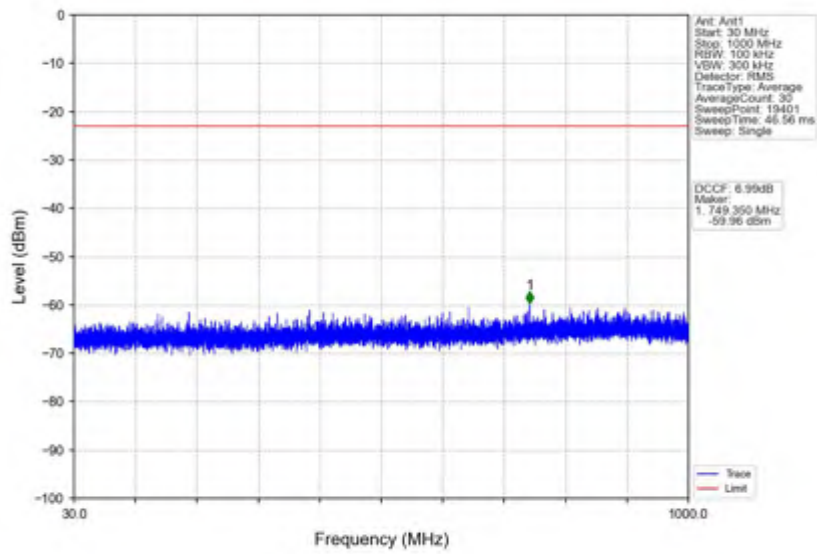
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



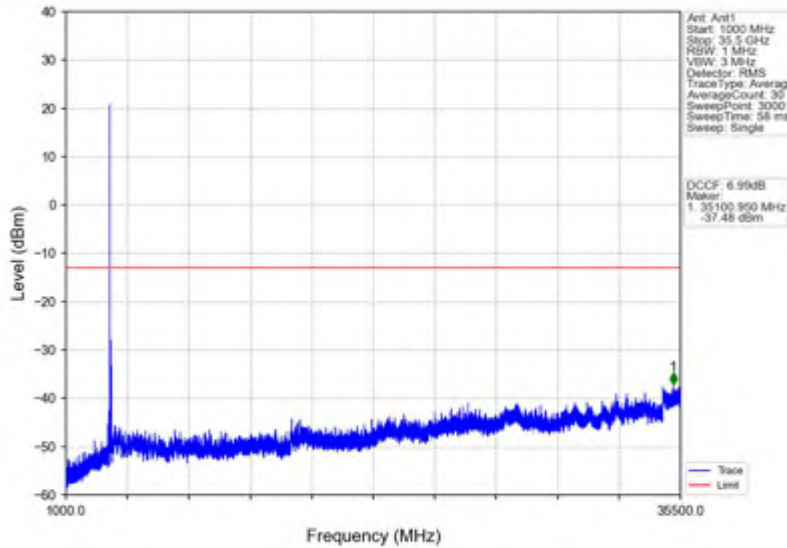
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_CP-OFDM QPSK_3500.01MHz_Edge_1RB_Left



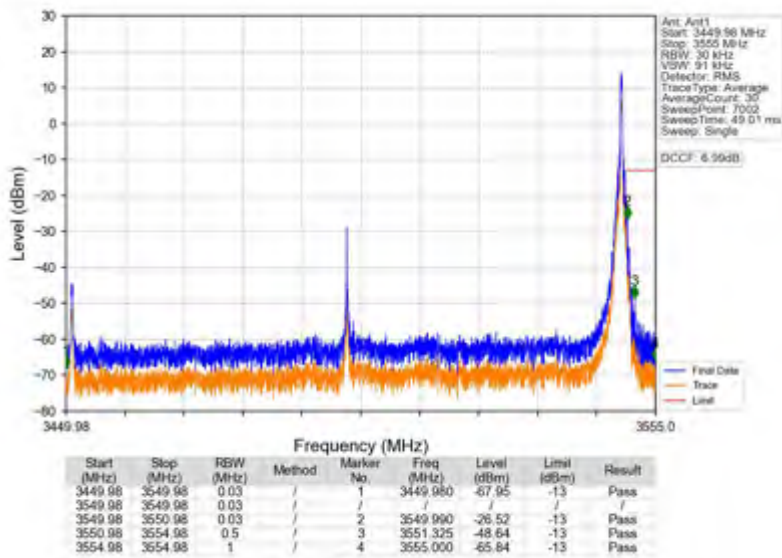
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_CP-OFDM QPSK_3500.01MHz_Edge_1RB_Left



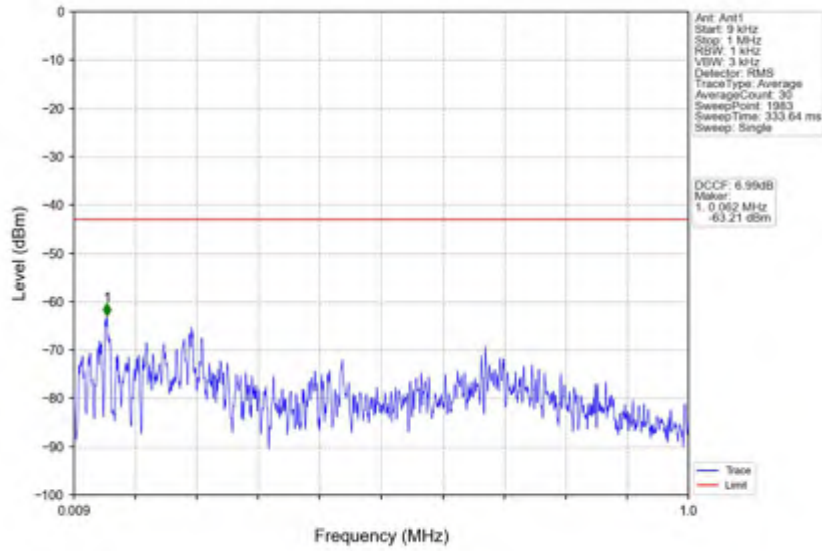
n78(3450-3550MHz) 30kHz SISO_NTNV_100MHz_CP-OFDM QPSK 3500.01MHz Edge 1RB Left



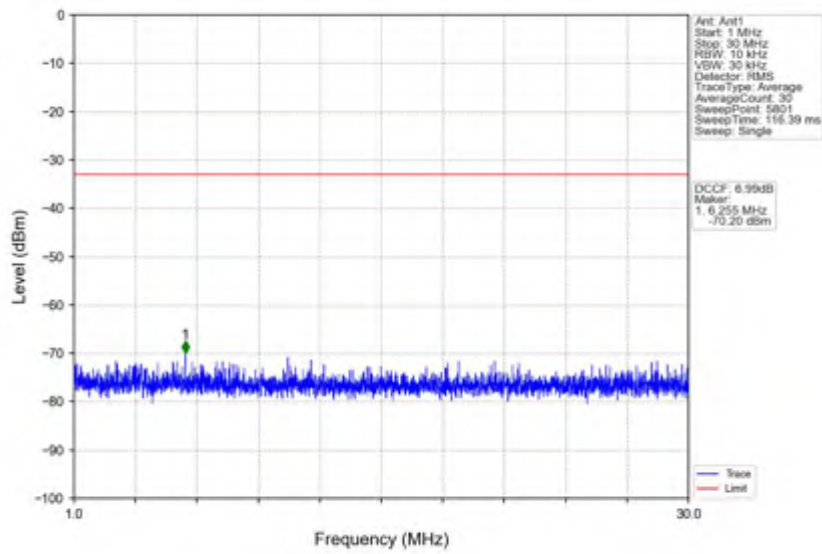
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3499.98MHz_Edge_1RB_Right



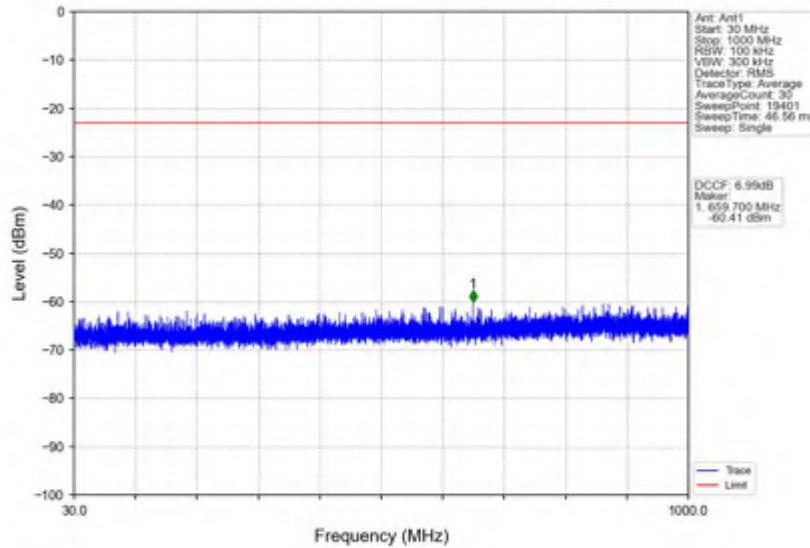
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3499.98MHz_Edge_1RB_Right



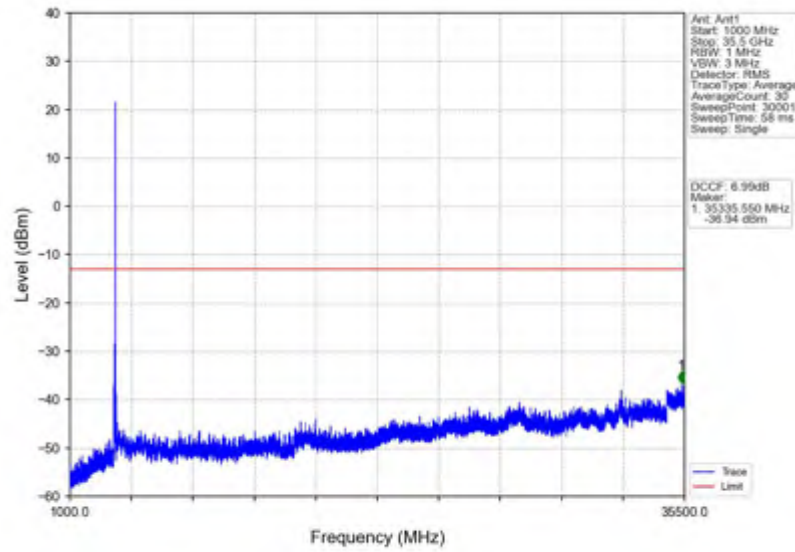
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3499.98MHz_Edge_1RB_Right



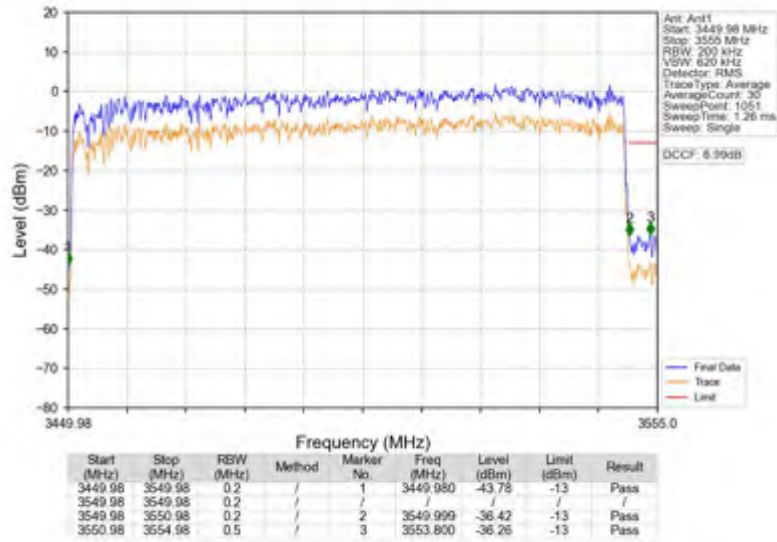
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3499.98MHz_Edge_1RB_Right



n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3499.98MHz_Edge_1RB_Right



n78(3450-3550MHz) 30kHz SISO NTV 100MHz CP-OFDM QPSK 3499.98MHz Outer Full



n78(3450-3550MHz)_30kHz_SISO_NTV_100MHz_CP-OFDM_QPSK_3499.98MHz_Inner_1RB_Right

