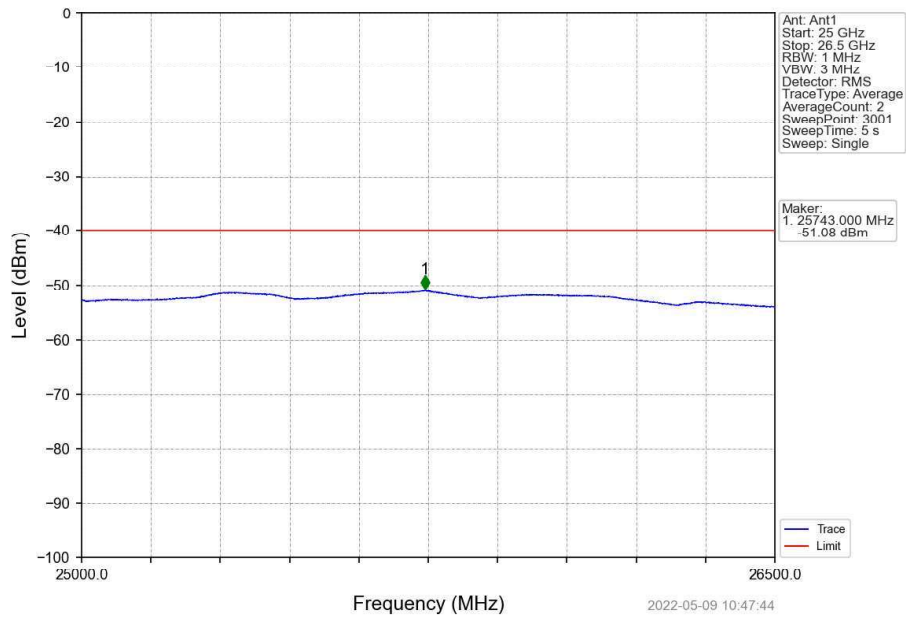
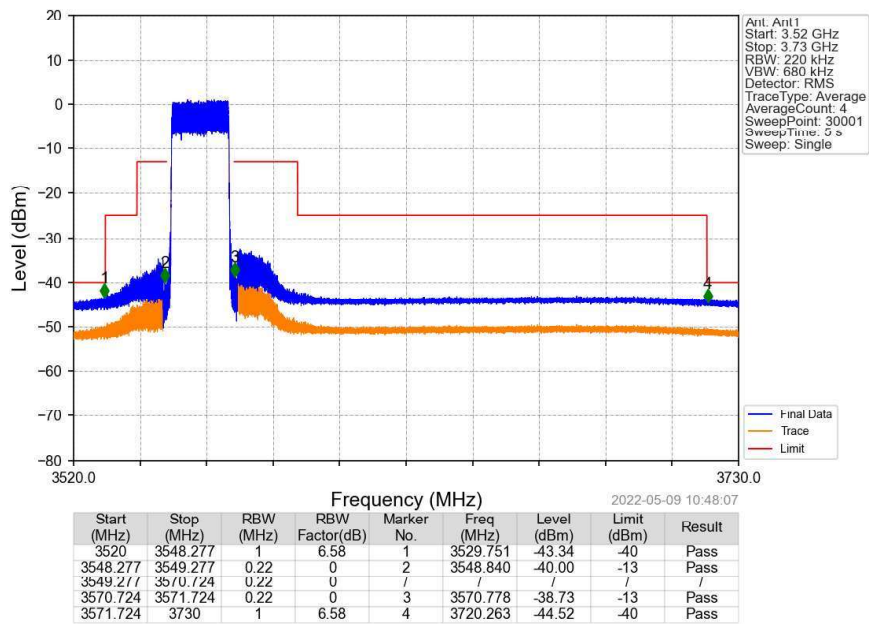


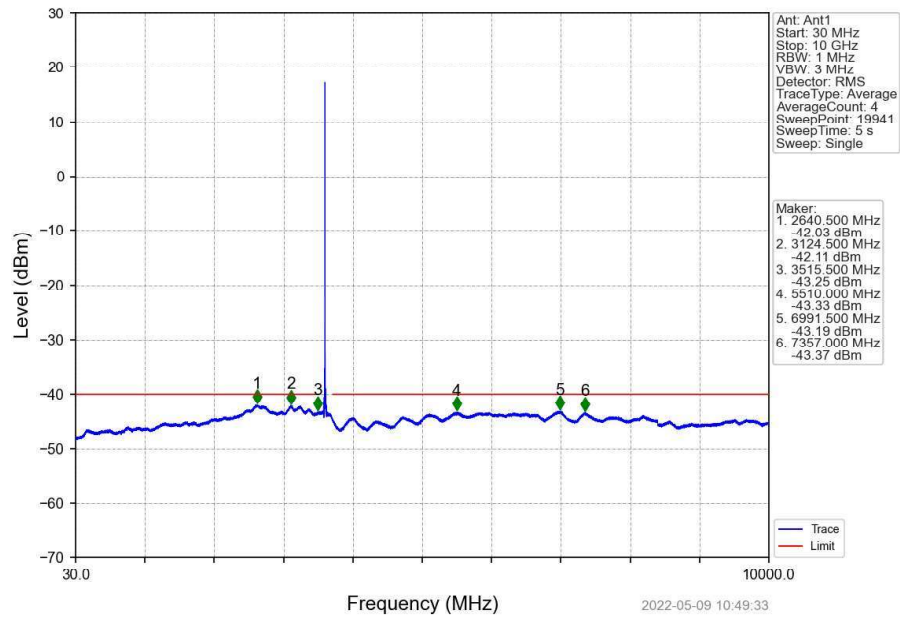
Band48_20MHz_16QAM_LCH_3560MHz_RB_1_0_NTNV



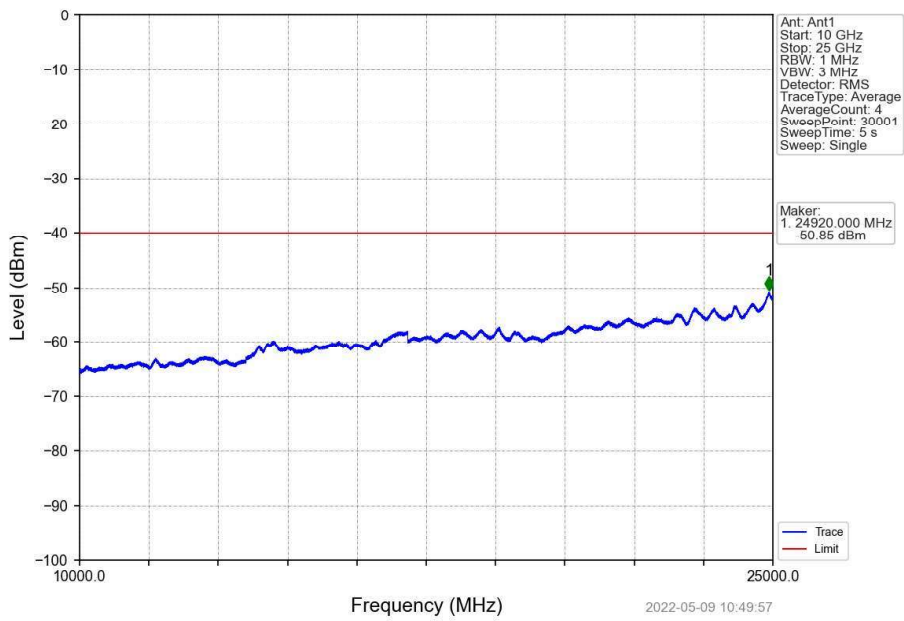
Band48_20MHz_16QAM_LCH_3560MHz_RB_100_0_NTNV



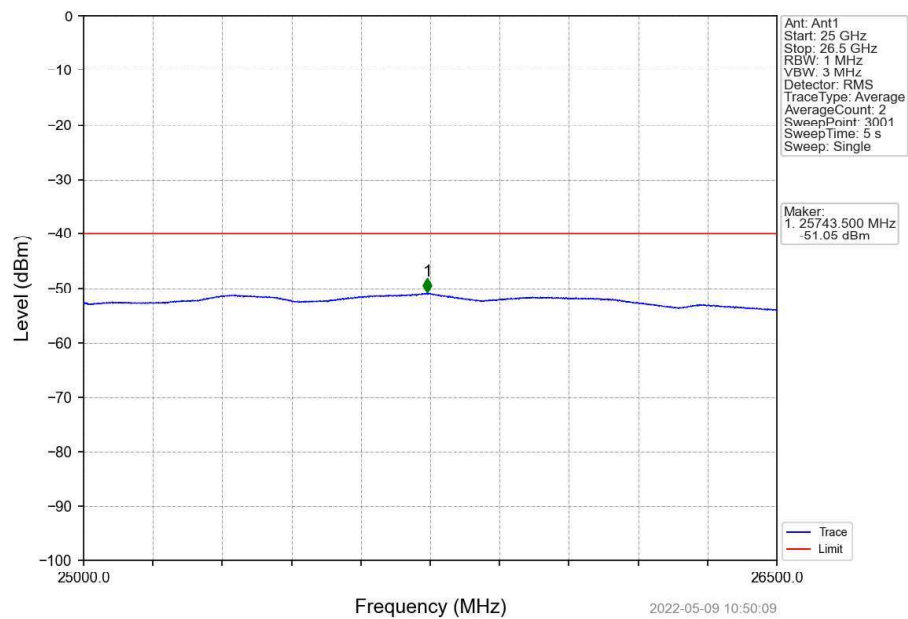
Band48_20MHz_16QAM_MCH_3625MHz_RB_1_0_NTNV



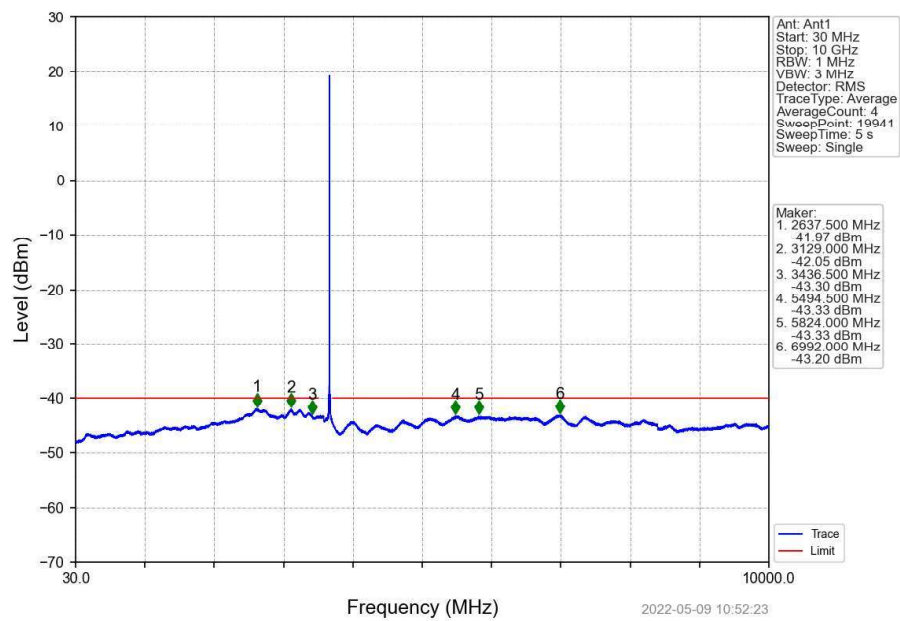
Band48_20MHz_16QAM_MCH_3625MHz_RB_1_0_NTNV



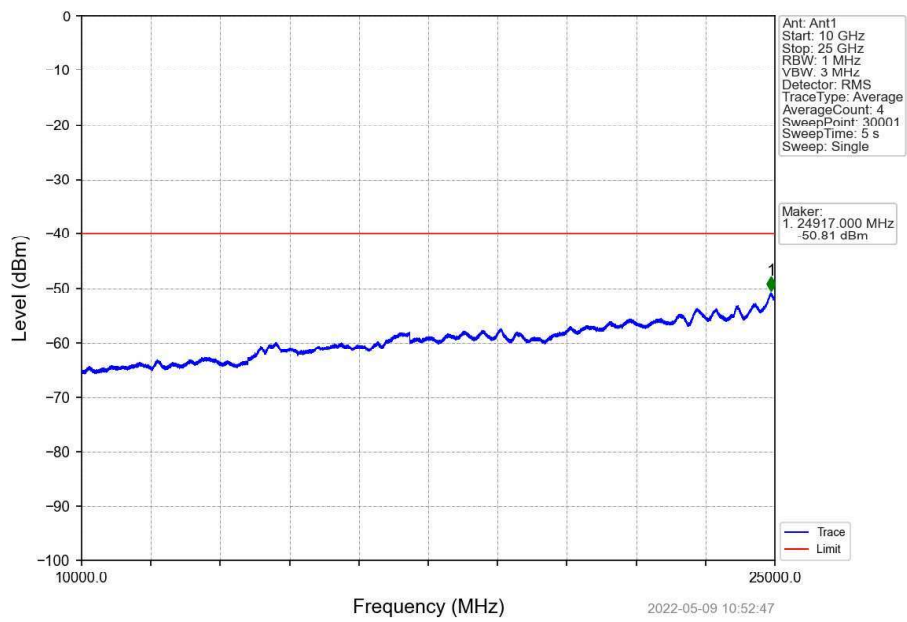
Band48_20MHz_16QAM_MCH_3625MHz_RB_1_0_NTNV



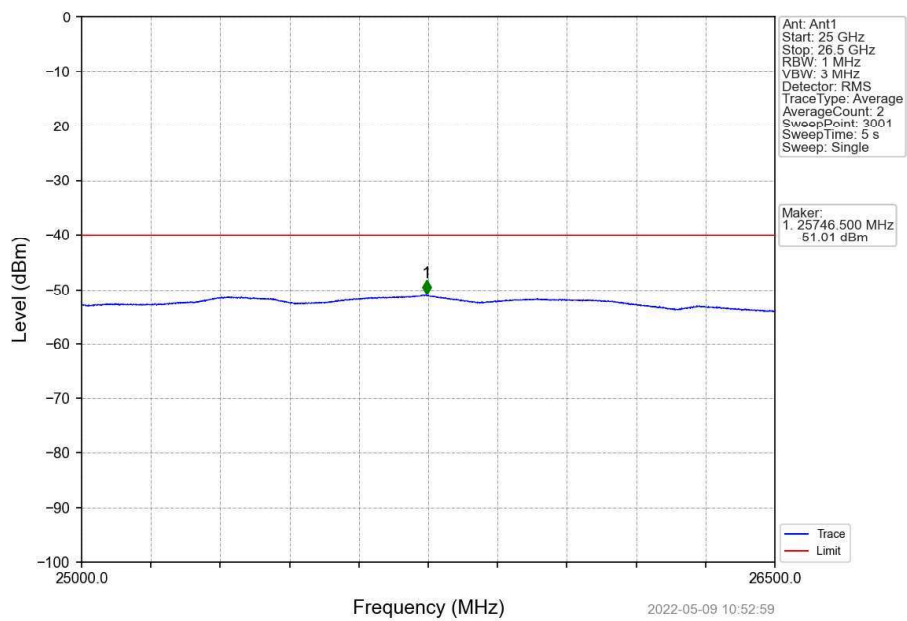
Band48_20MHz_16QAM_HCH_3690MHz_RB_1_0_NTNV



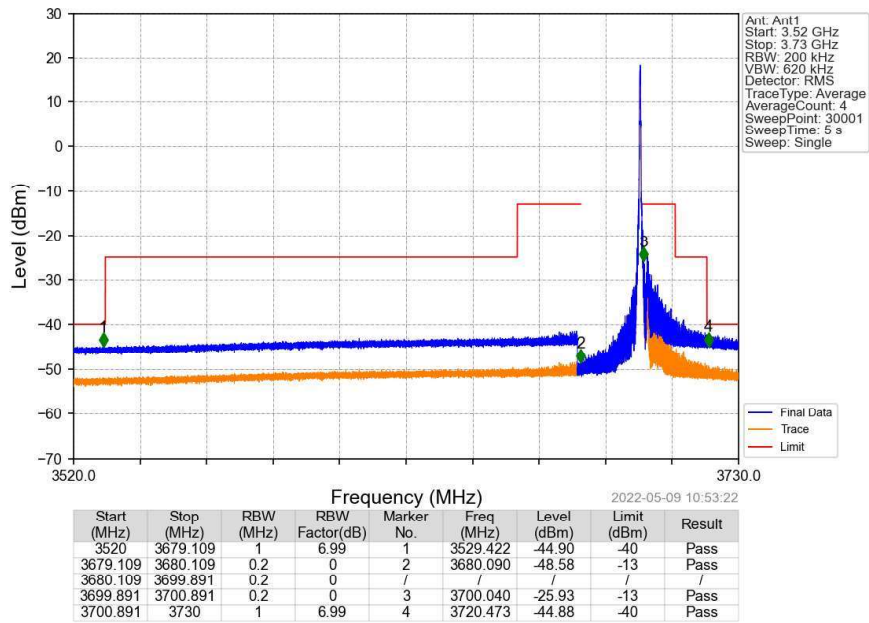
Band48_20MHz_16QAM_HCH_3690MHz_RB_1_0_NTNV



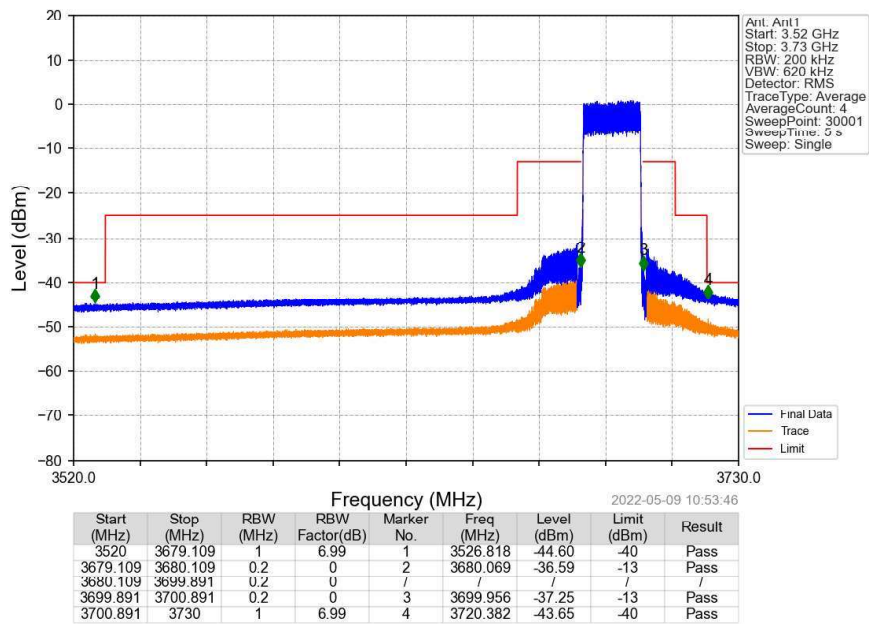
Band48_20MHz_16QAM_HCH_3690MHz_RB_1_0_NTNV



Band48_20MHz_16QAM_HCH_3690MHz_RB_1_99_NTNV



Band48_20MHz_16QAM_HCH_3690MHz_RB_100_0_NTNV



5G NR N48

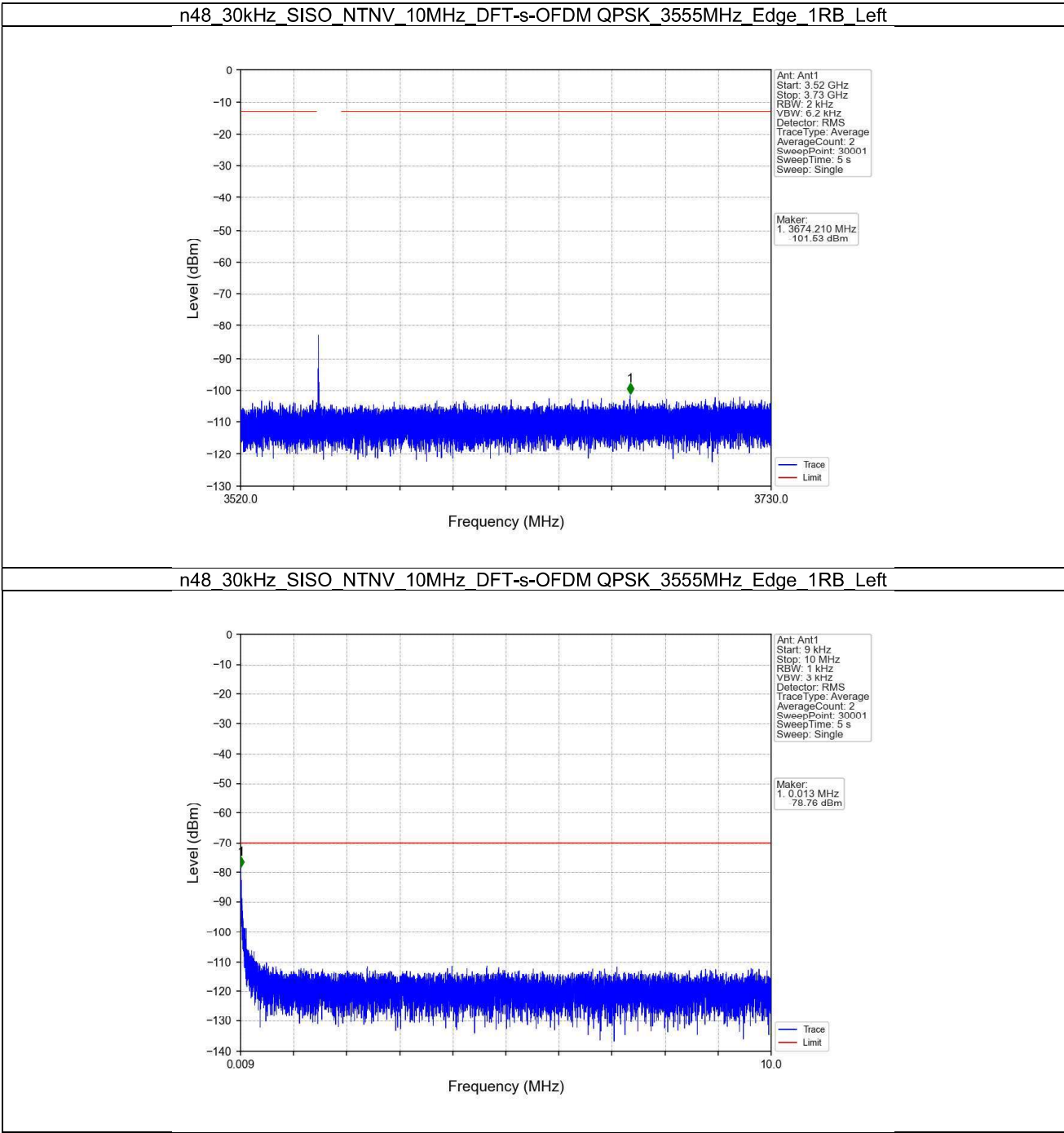
1. Spurious Emission

1.1 30k_SISO_10MHz_NTNV

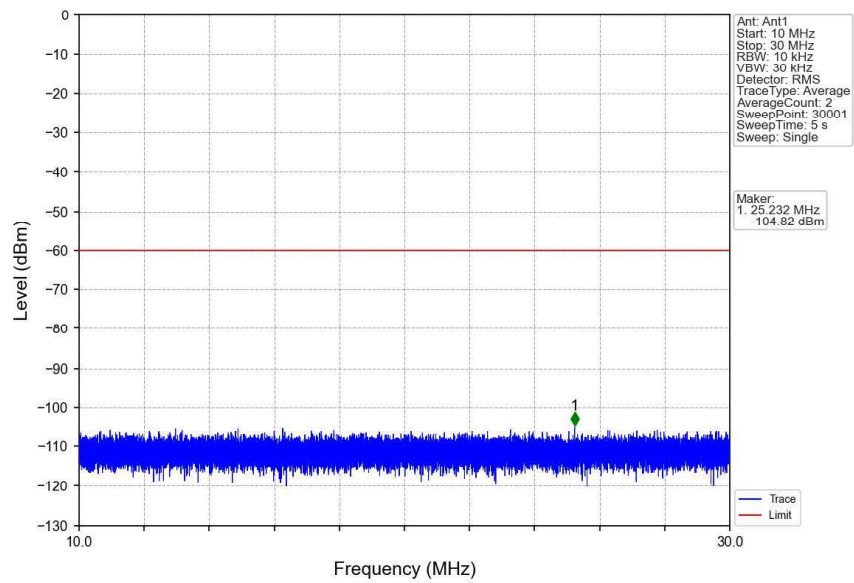
1.1.1 Test Result

5G NR n48 SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3555	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
		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	3555	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
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass

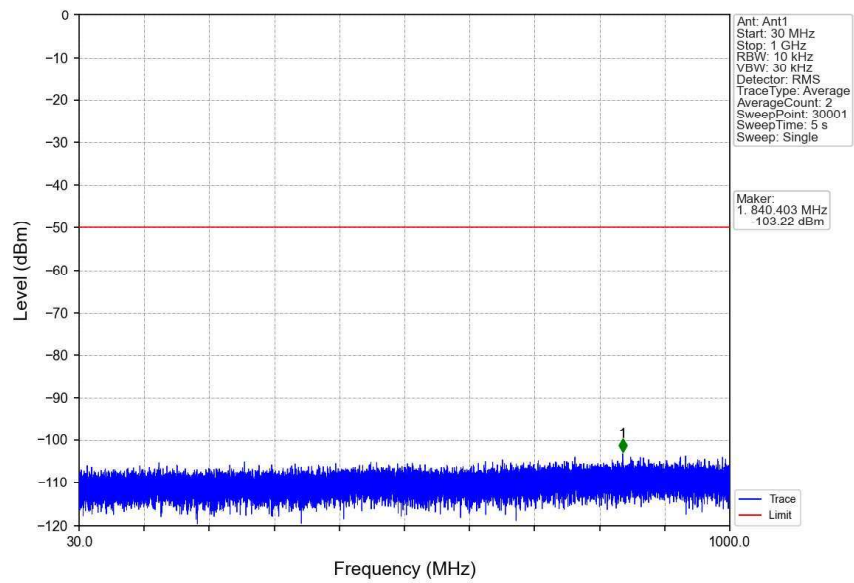
1.1.2 Test Graph



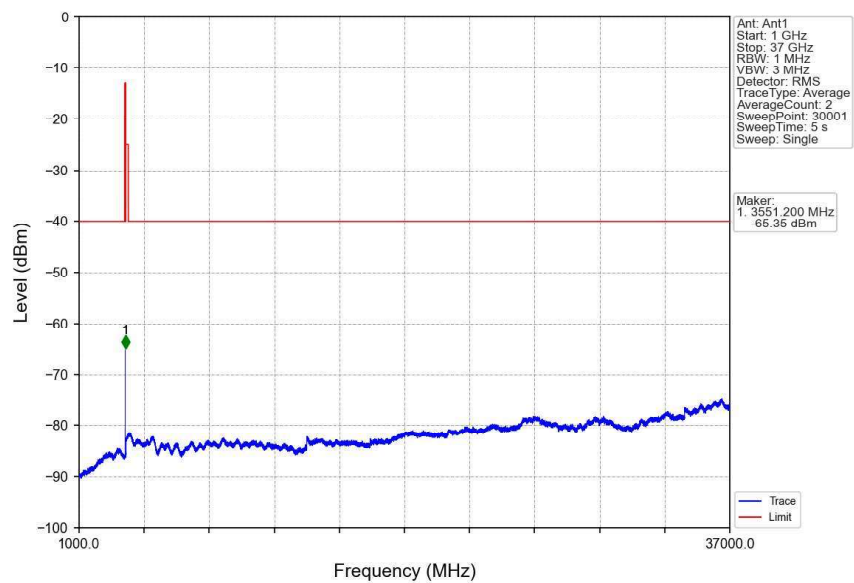
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3555MHz_Edge_1RB_Left



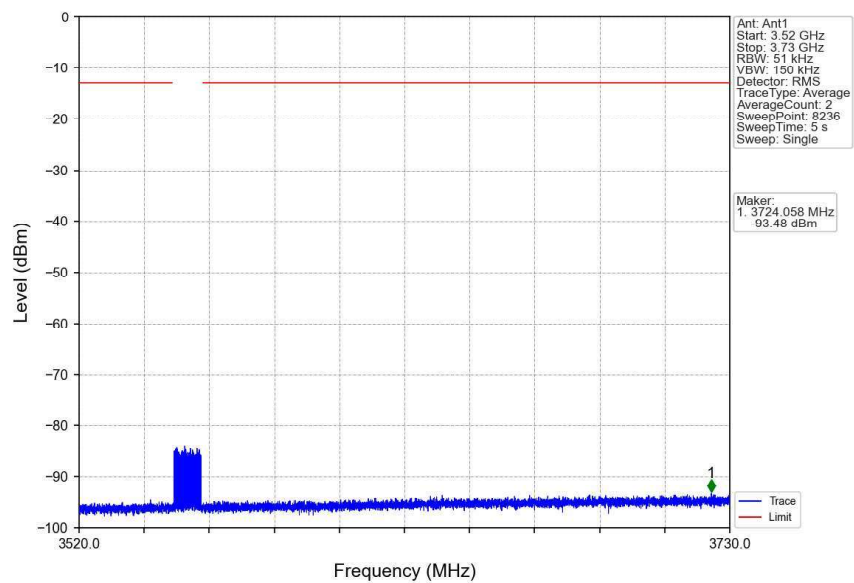
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3555MHz_Edge_1RB_Left



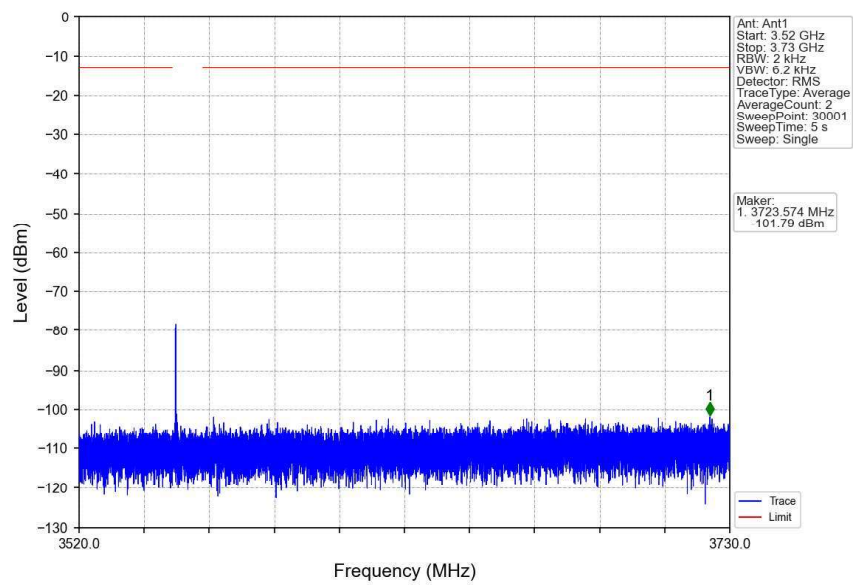
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3555MHz_Edge_1RB_Left



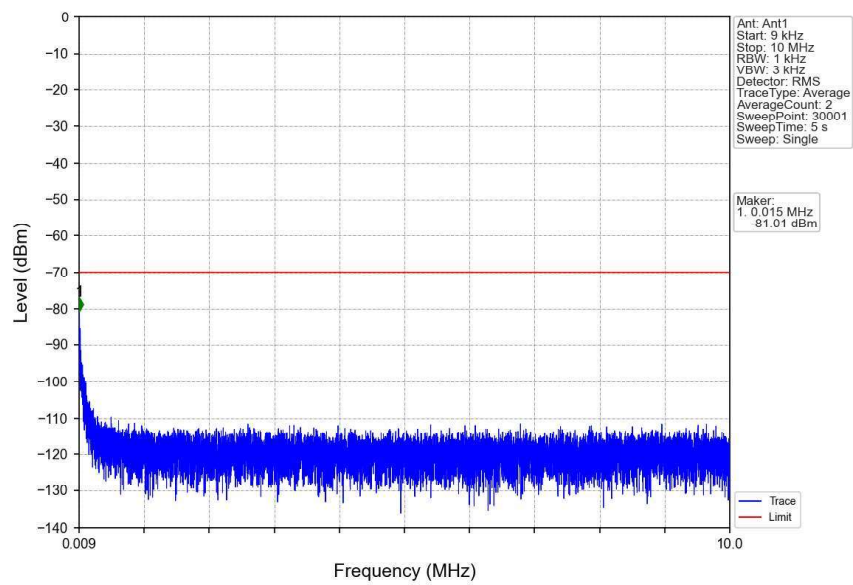
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3555MHz_Outer_Full



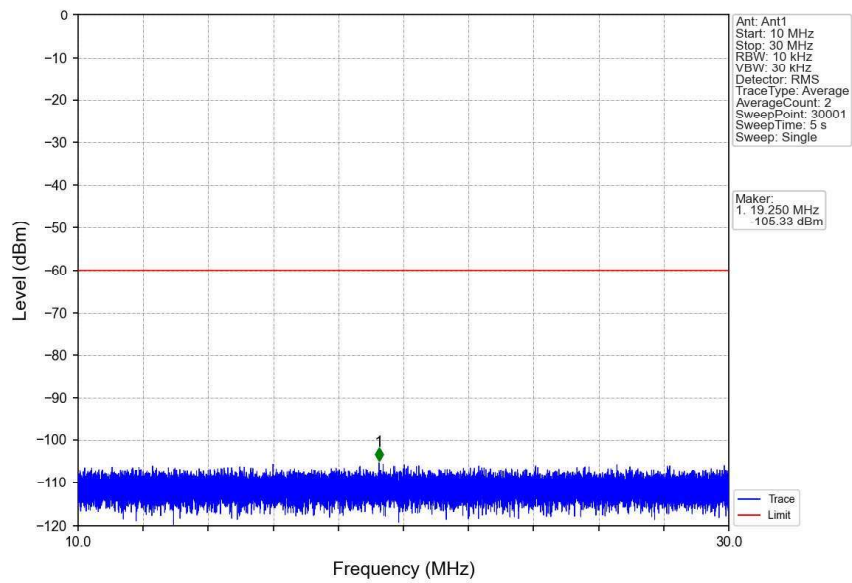
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3555MHz_Inner_1RB_Left



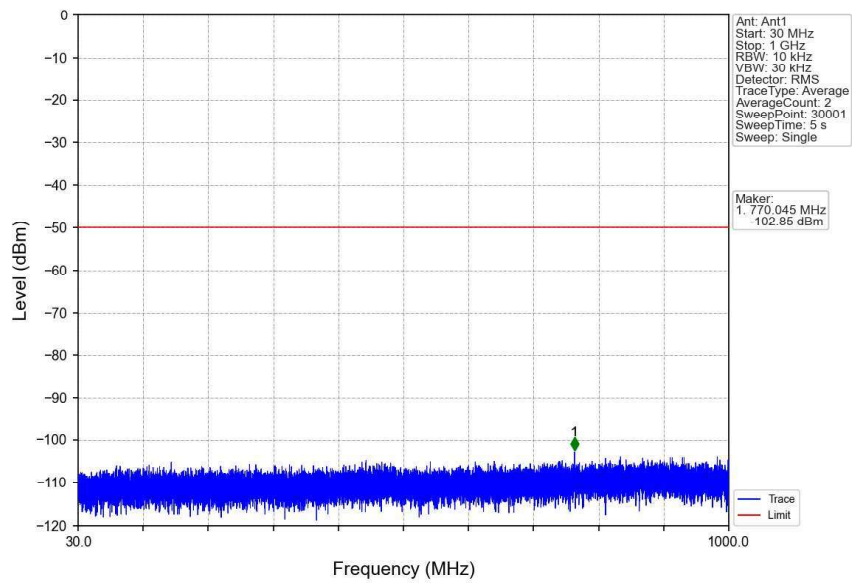
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3624.99MHz_Edge_1RB_Left



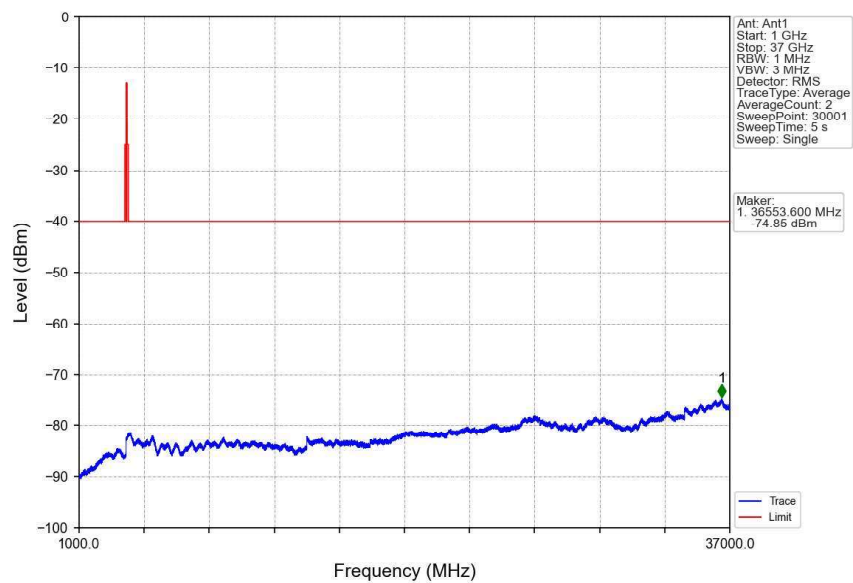
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3624.99MHz_Edge_1RB_Left



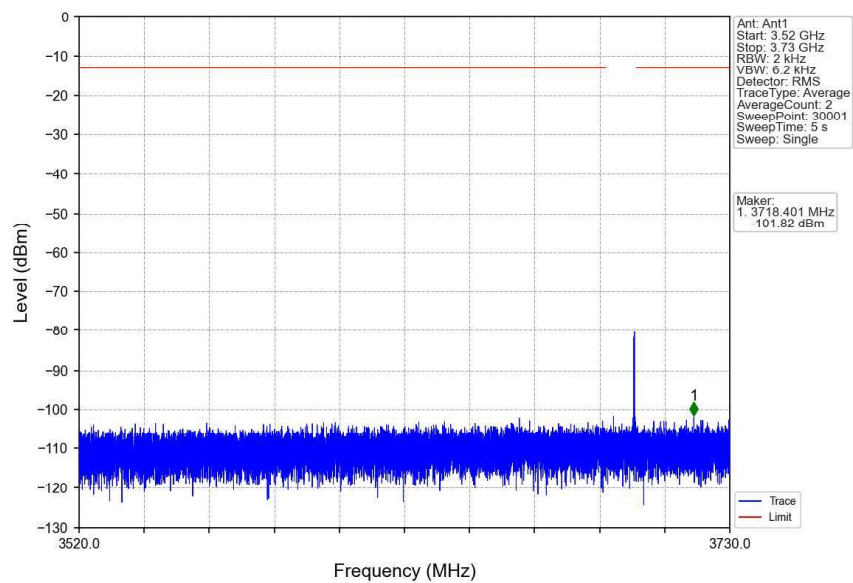
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3624.99MHz_Edge_1RB_Left



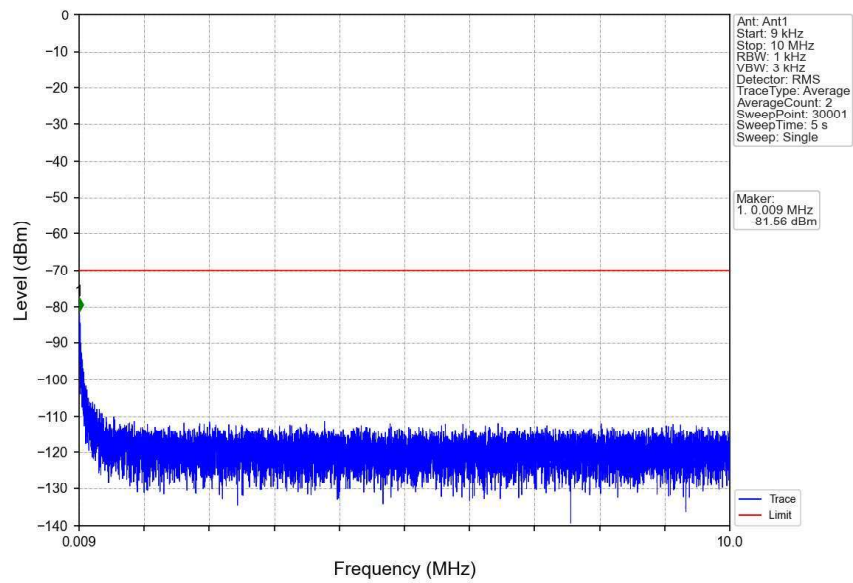
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3624.99MHz_Edge_1RB_Left



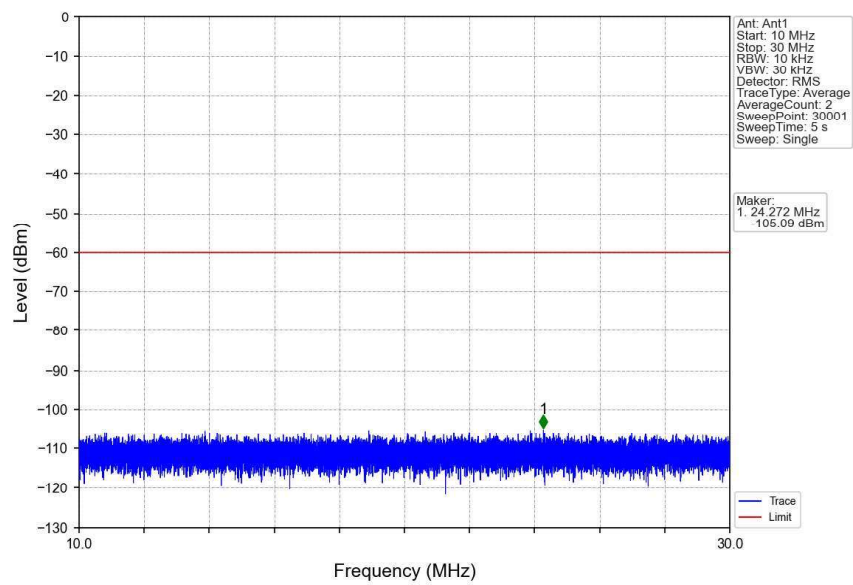
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3694.98MHz_Edge_1RB_Right



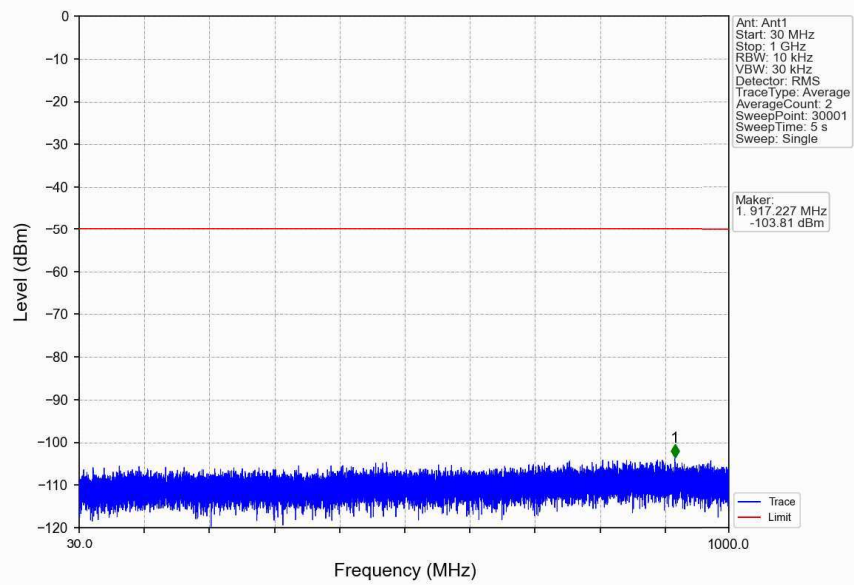
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3694.98MHz_Edge_1RB_Right



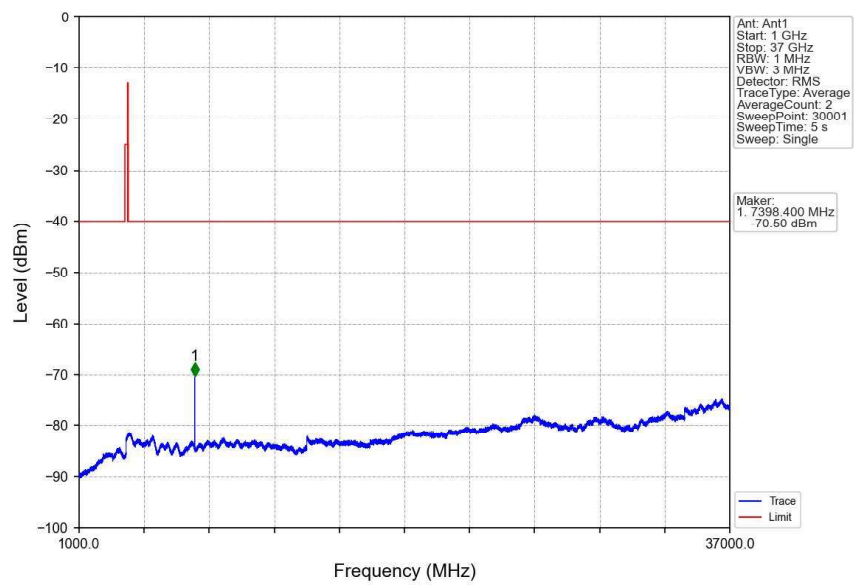
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3694.98MHz_Edge_1RB_Right



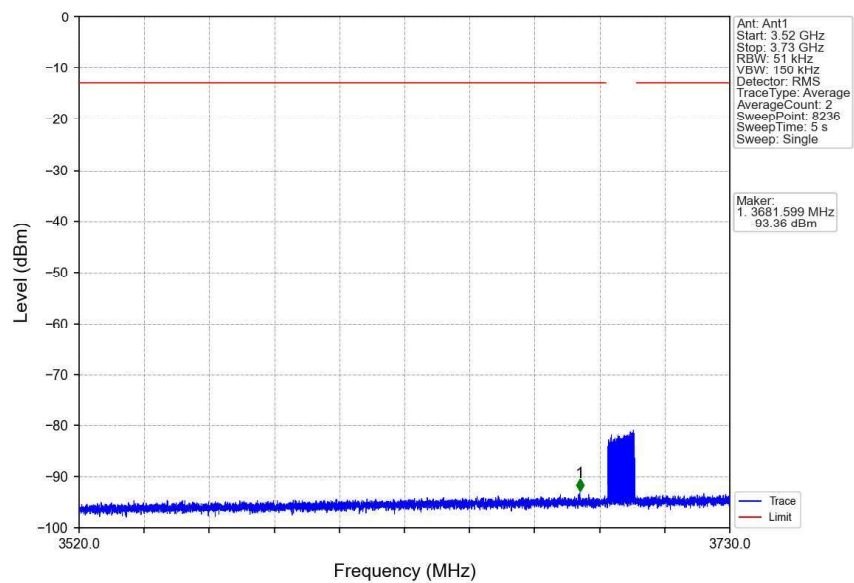
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3694.98MHz_Edge_1RB_Right



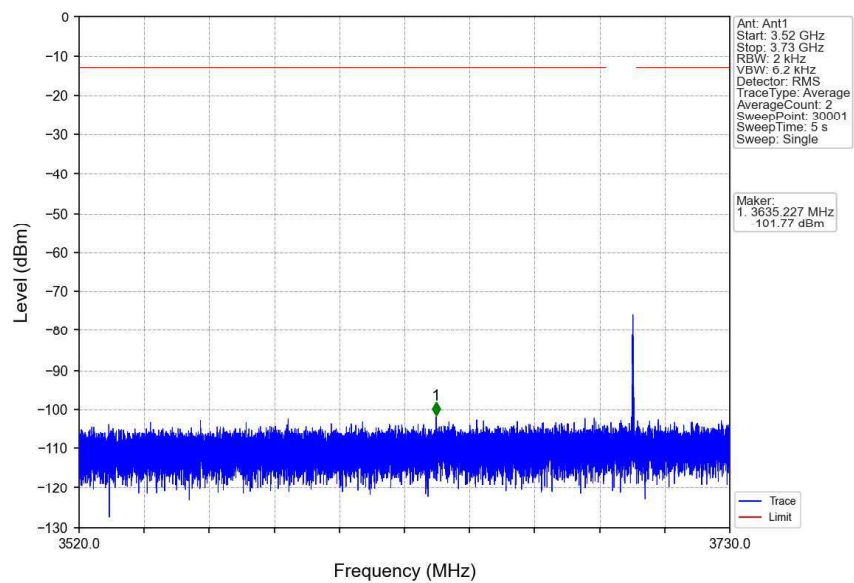
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3694.98MHz_Edge_1RB_Right



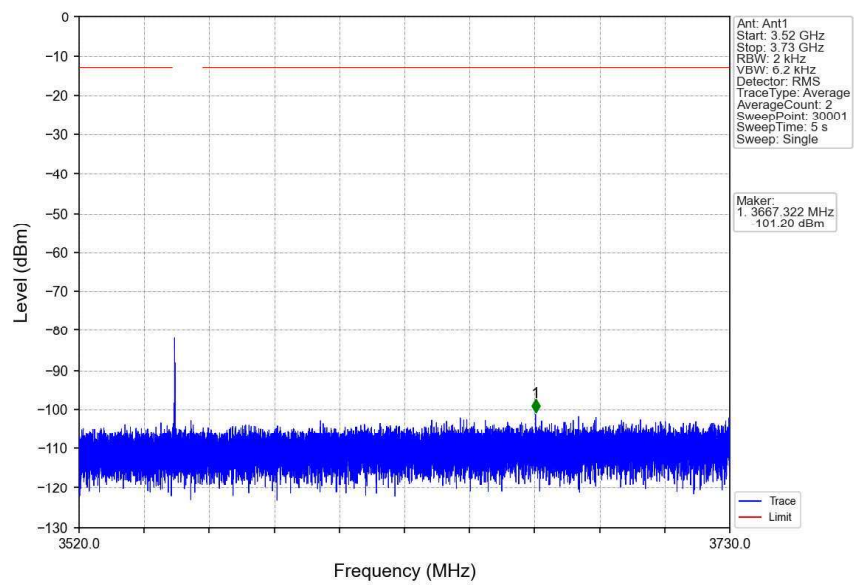
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3694.98MHz_Outer_Full



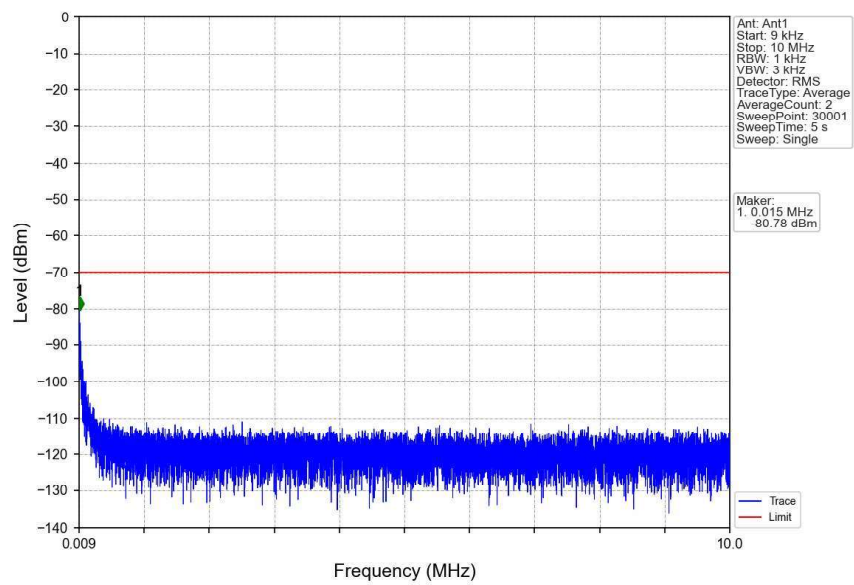
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3694.98MHz_Inner_1RB_Right



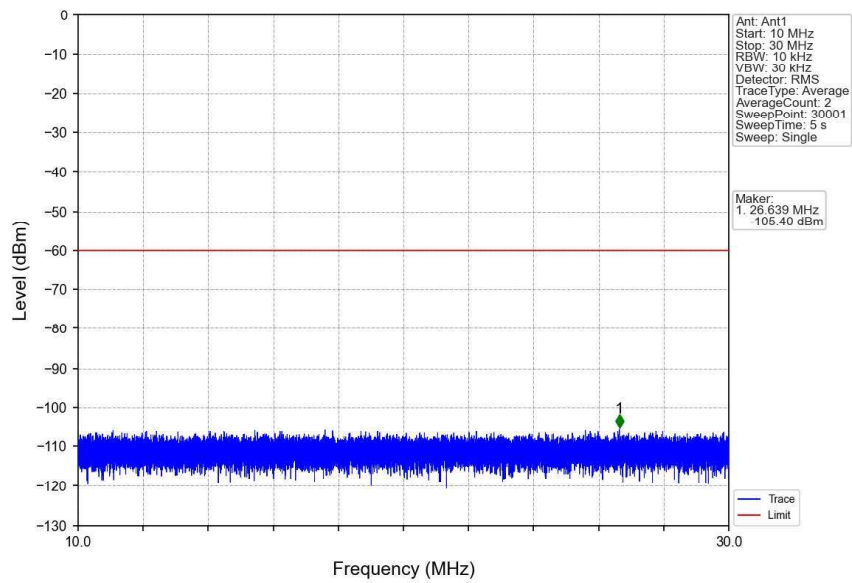
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Edge_1RB_Left



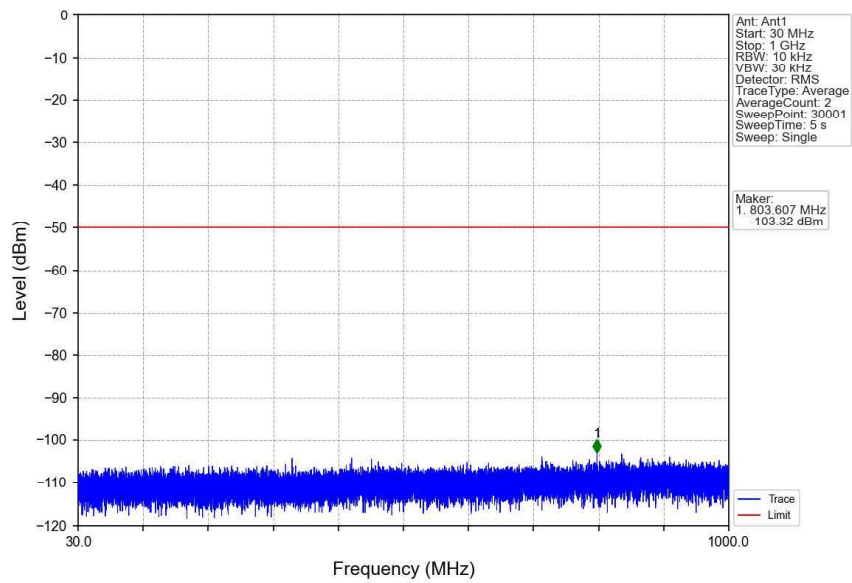
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Edge_1RB_Left



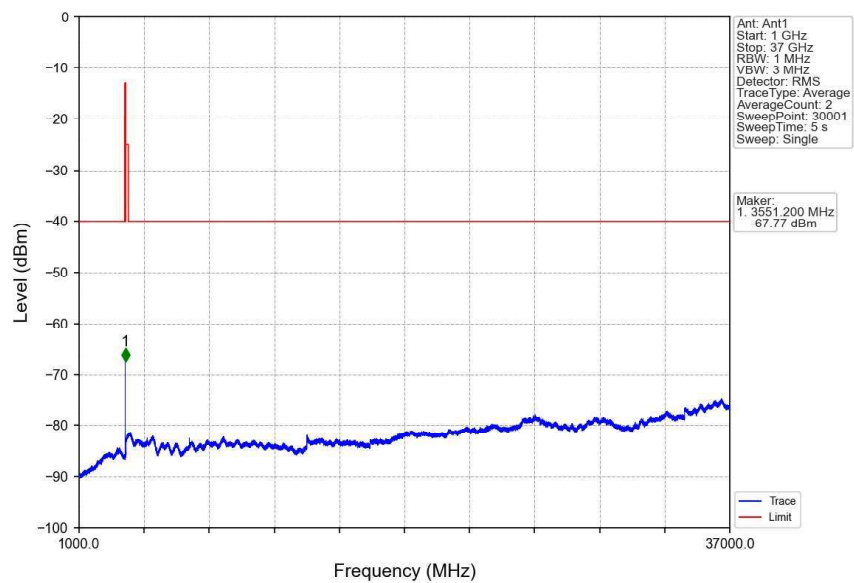
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Edge_1RB_Left



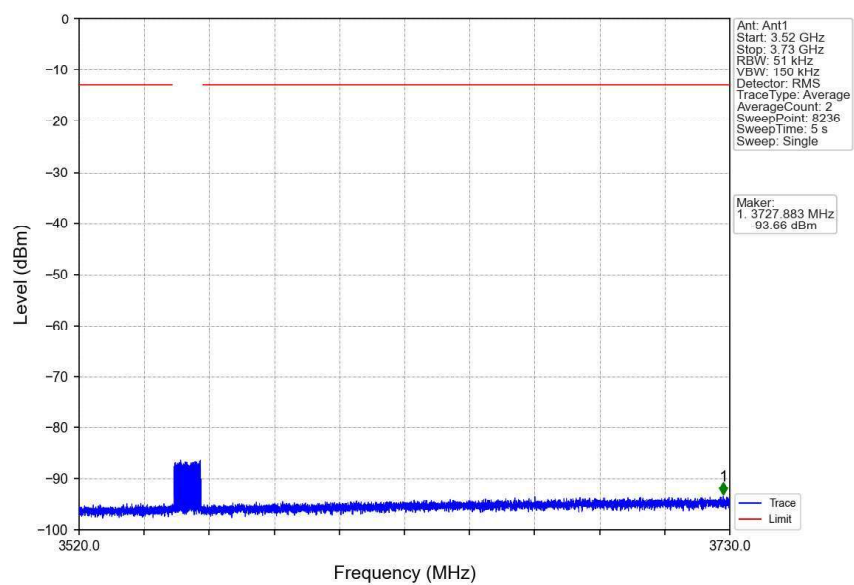
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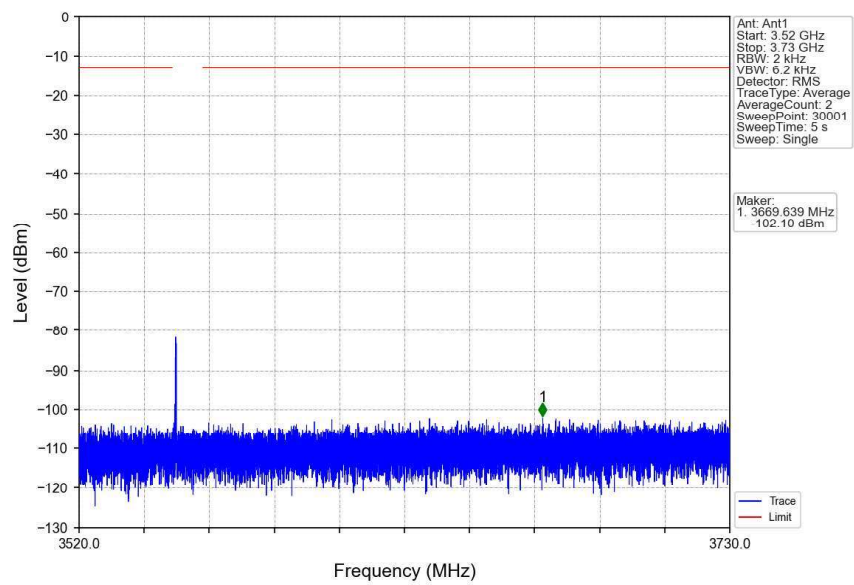
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Edge_1RB_Left



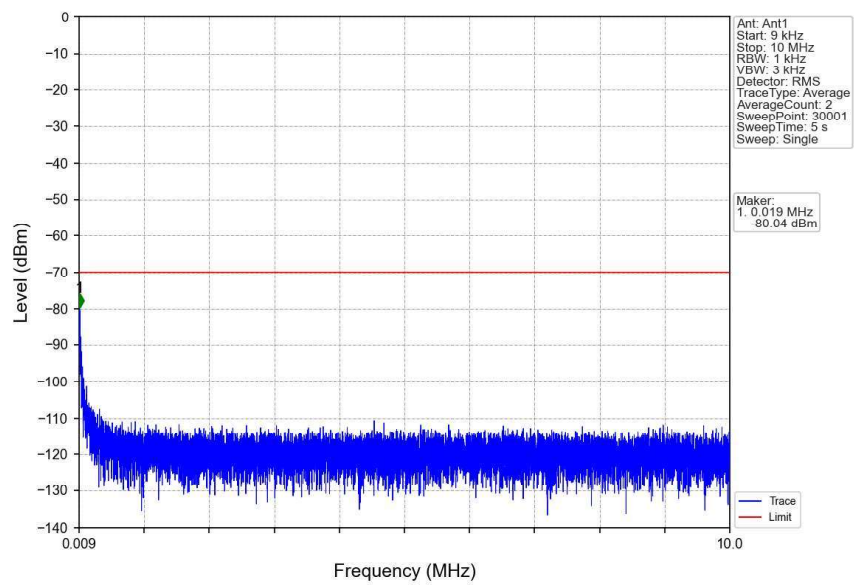
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Outer_Full



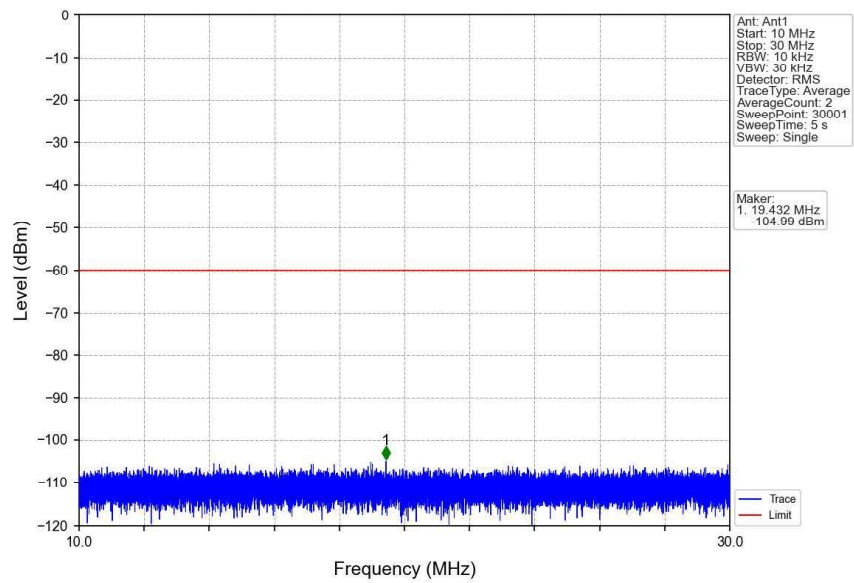
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Inner_1RB_Left



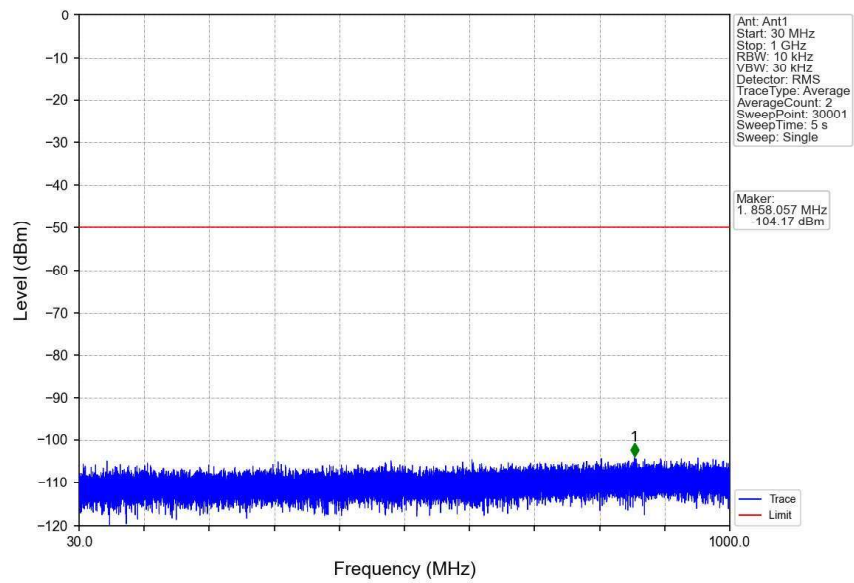
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3624.99MHz_Edge_1RB_Left



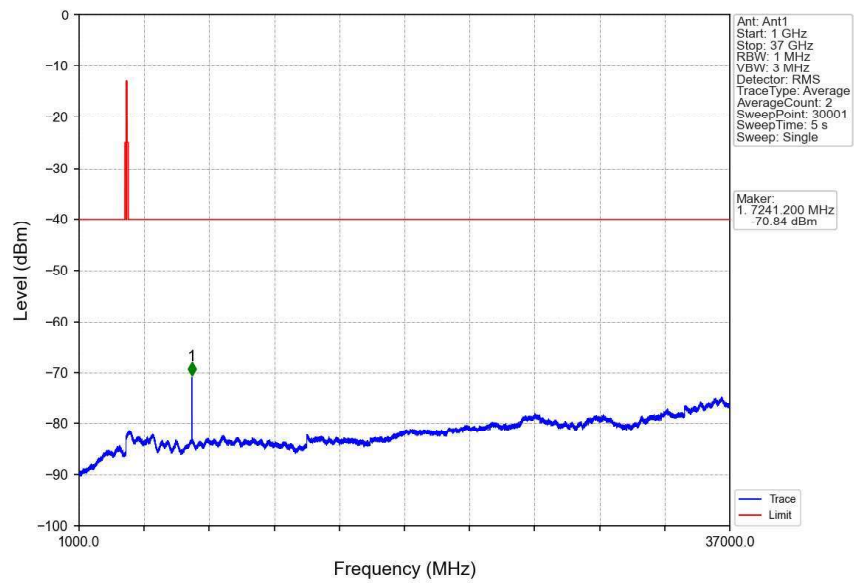
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3624.99MHz_Edge_1RB_Left



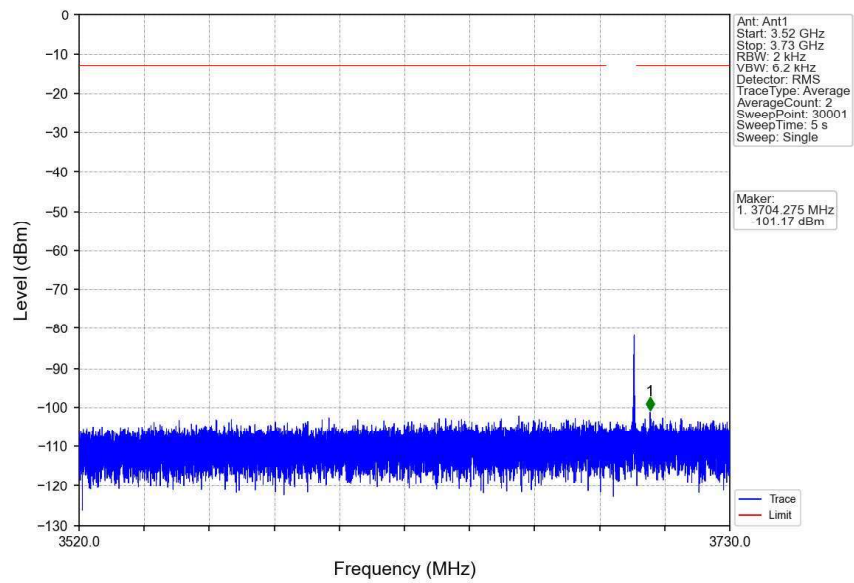
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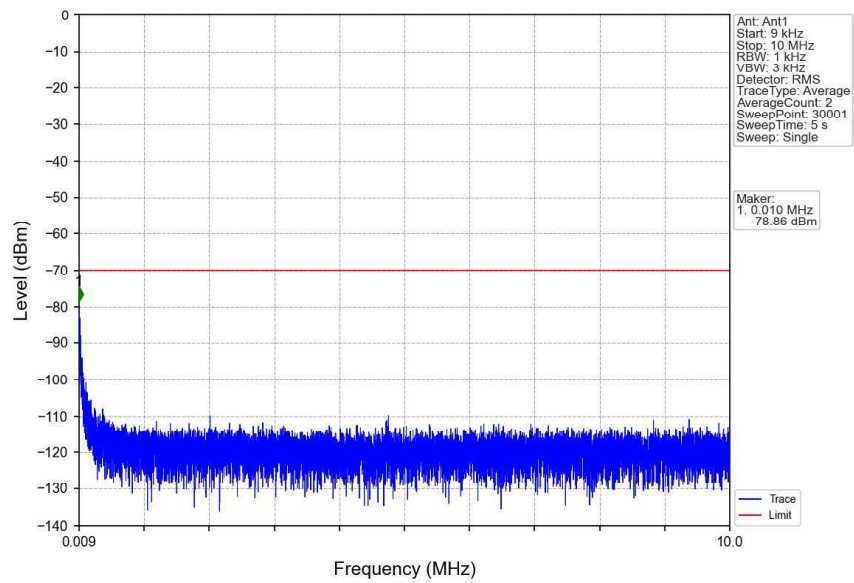
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3624.99MHz_Edge_1RB_Left



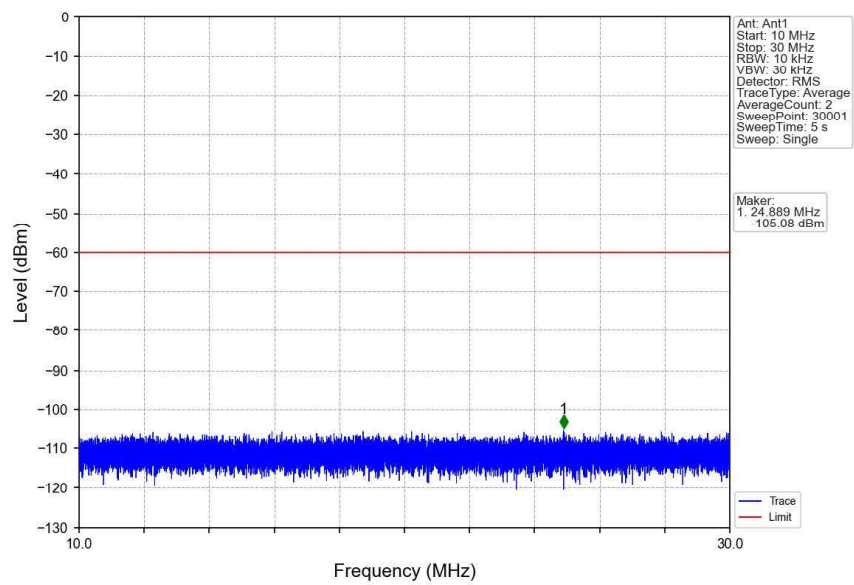
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Edge_1RB_Right



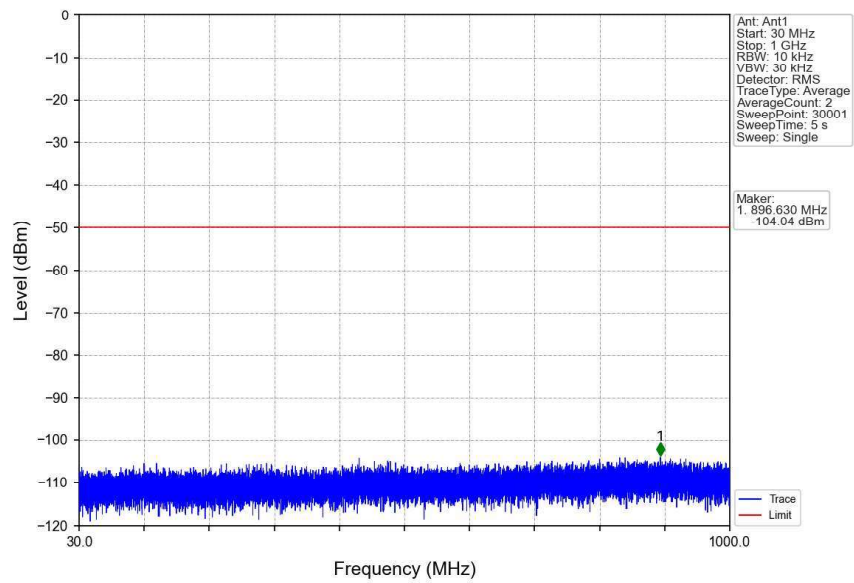
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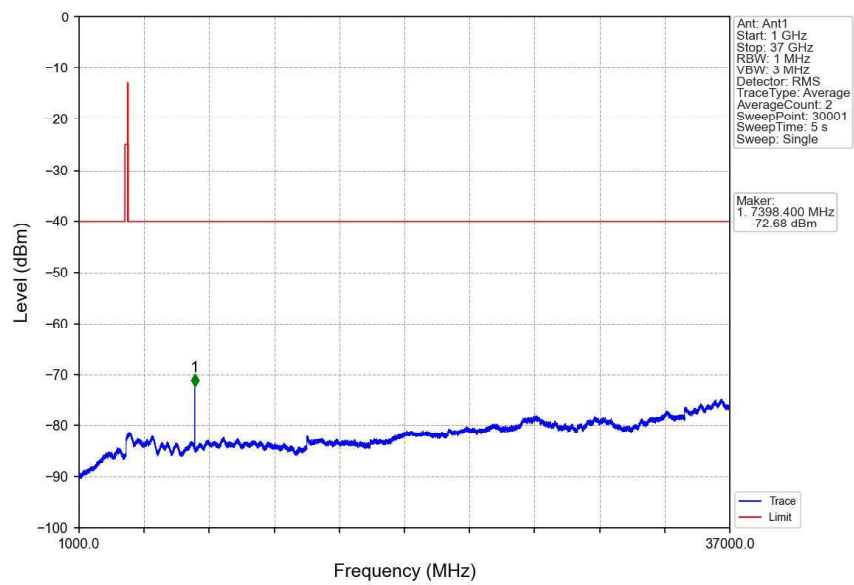
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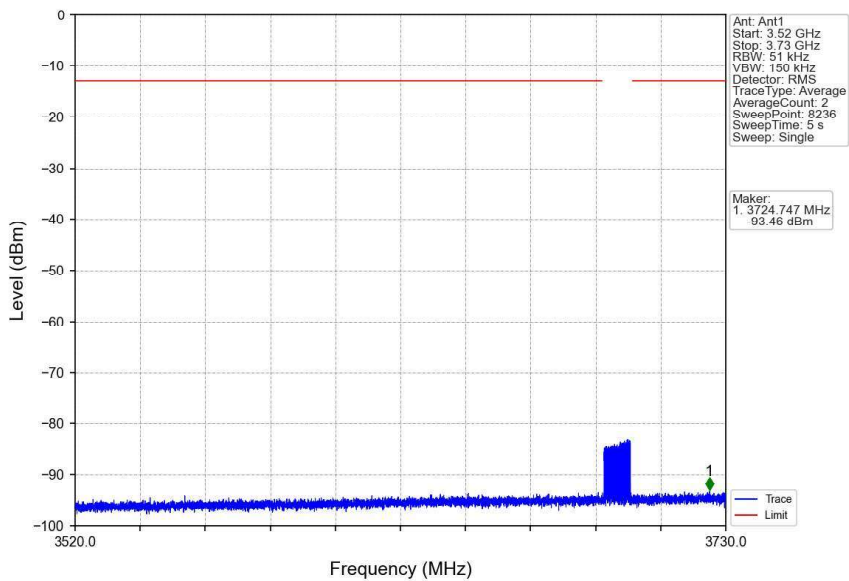
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Edge_1RB_Right



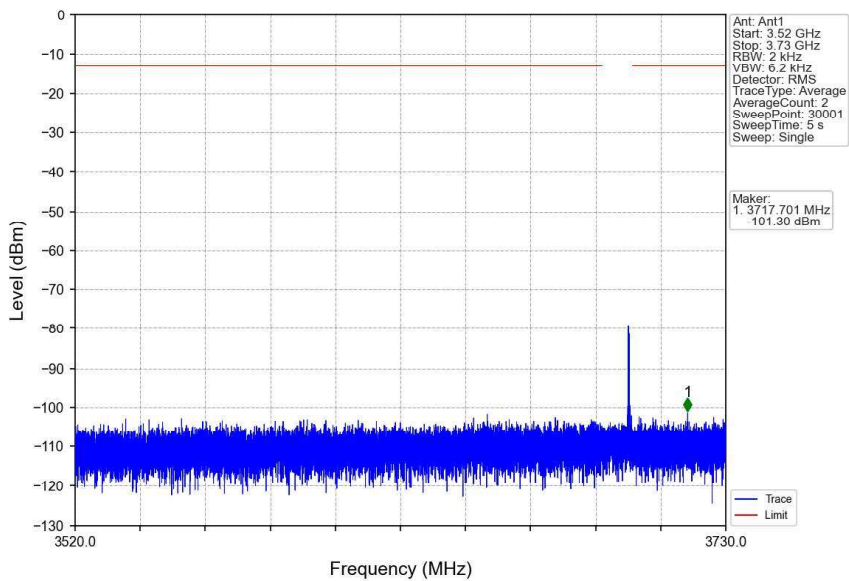
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Edge_1RB_Right



n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Outer_Full



n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Inner_1RB_Right

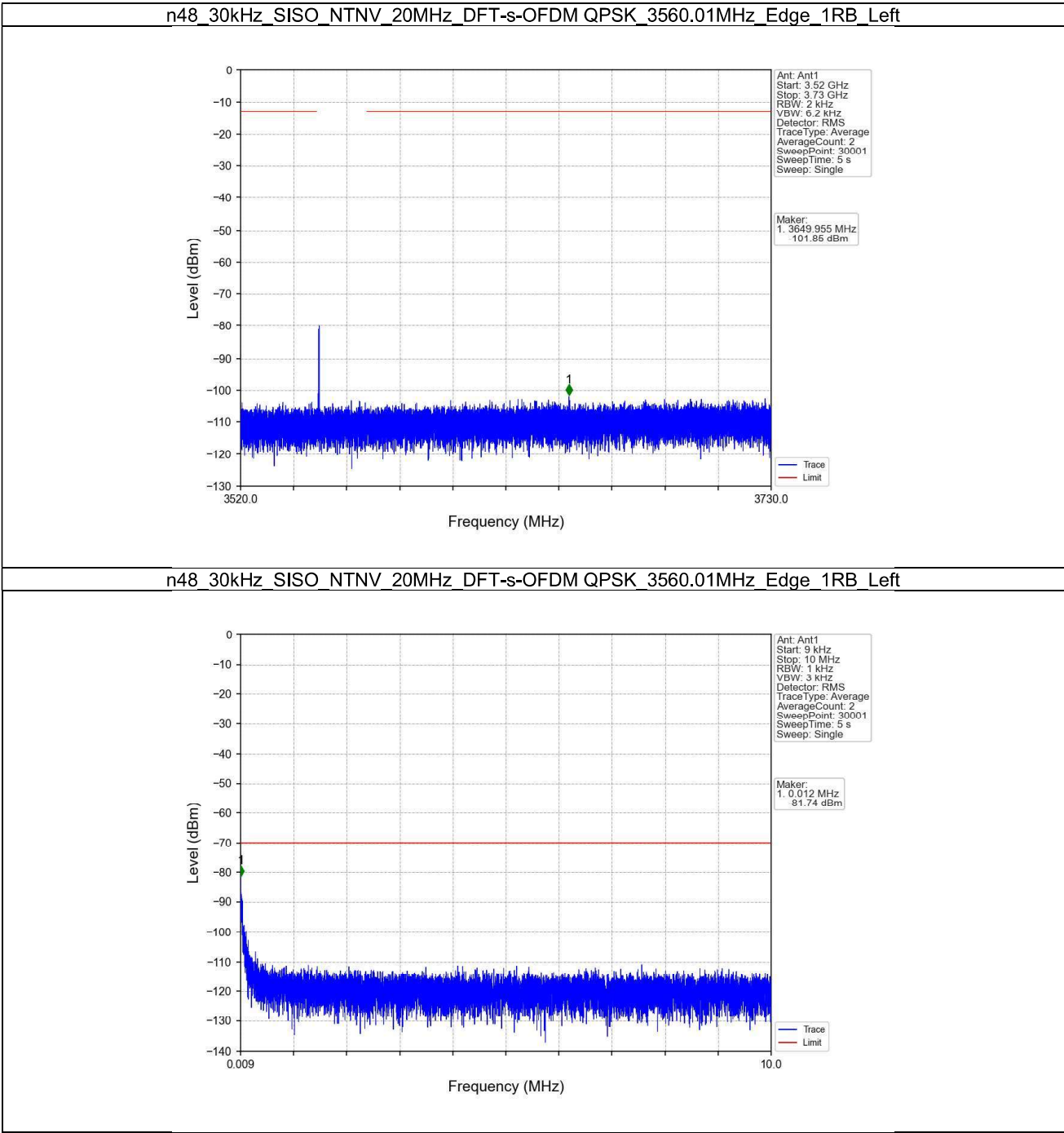


1.2 30k_SISO_20MHz_NTNV

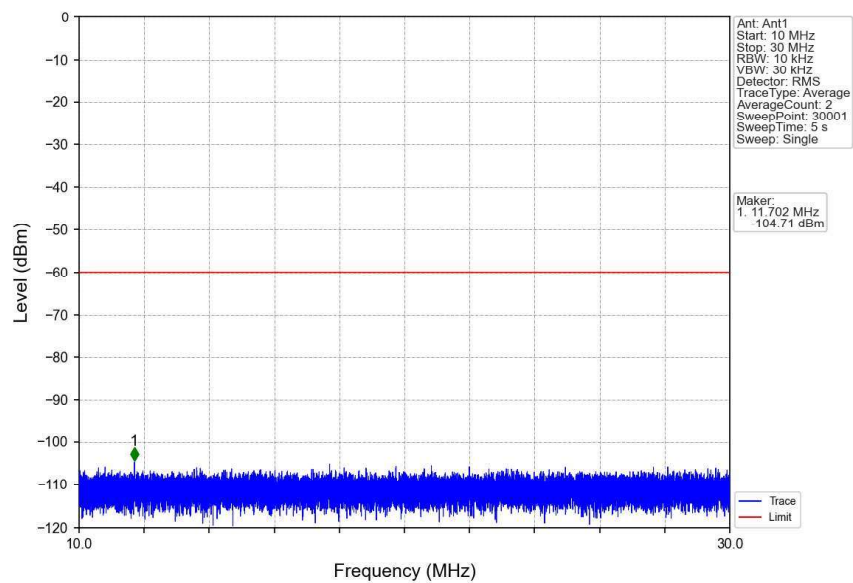
1.2.1 Test Result

5G NR n48 SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3560.01	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
		Edge_1RB_Right	Refer To Test Graph				Pass
	3690	Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	3560.01	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
		Edge_1RB_Right	Refer To Test Graph				Pass
	3690	Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass

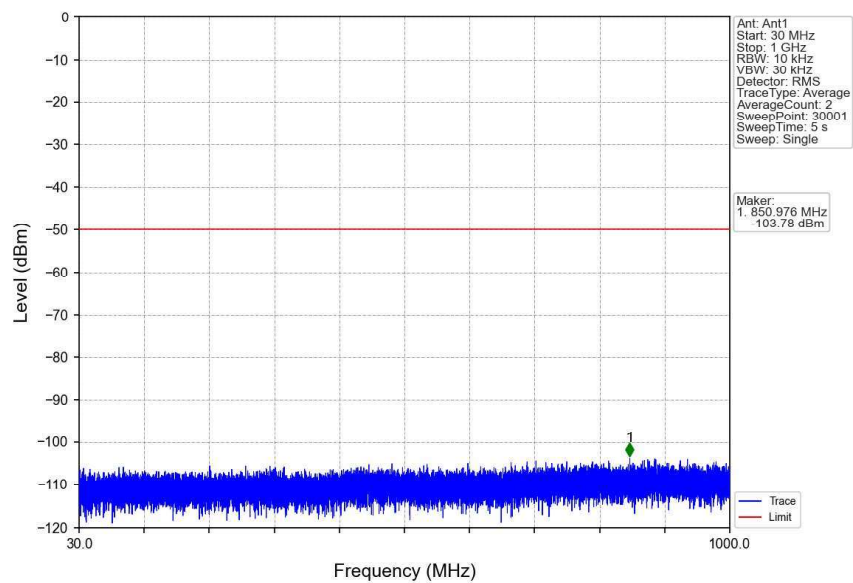
1.2.2 Test Graph



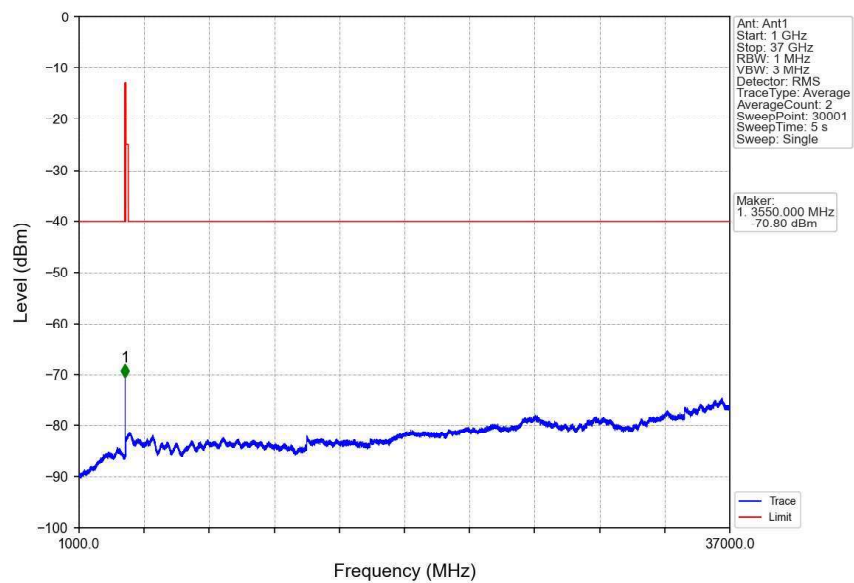
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3560.01MHz_Edge_1RB_Left



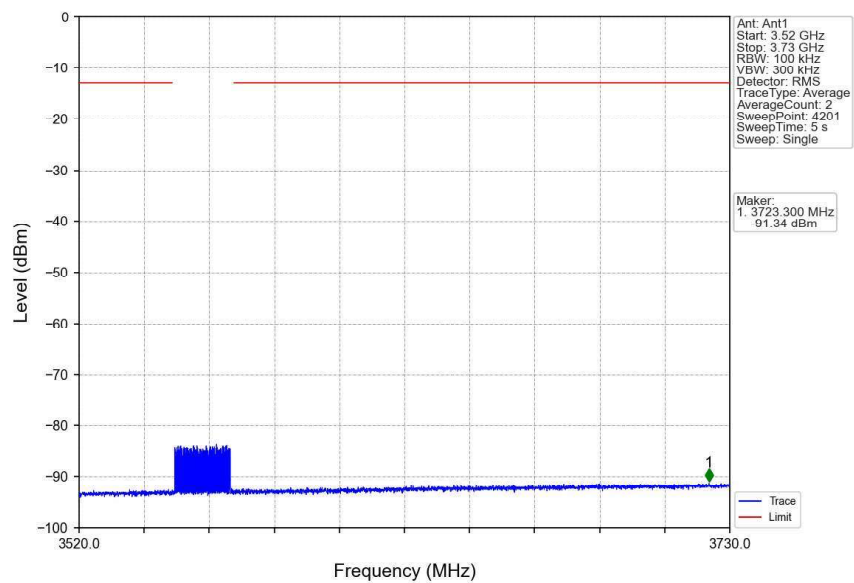
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3560.01MHz_Edge_1RB_Left



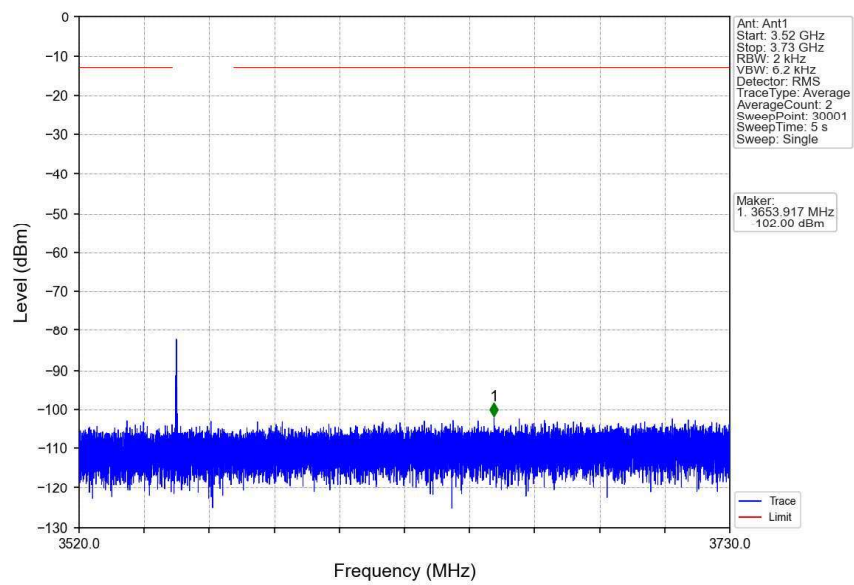
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3560.01MHz_Edge_1RB_Left



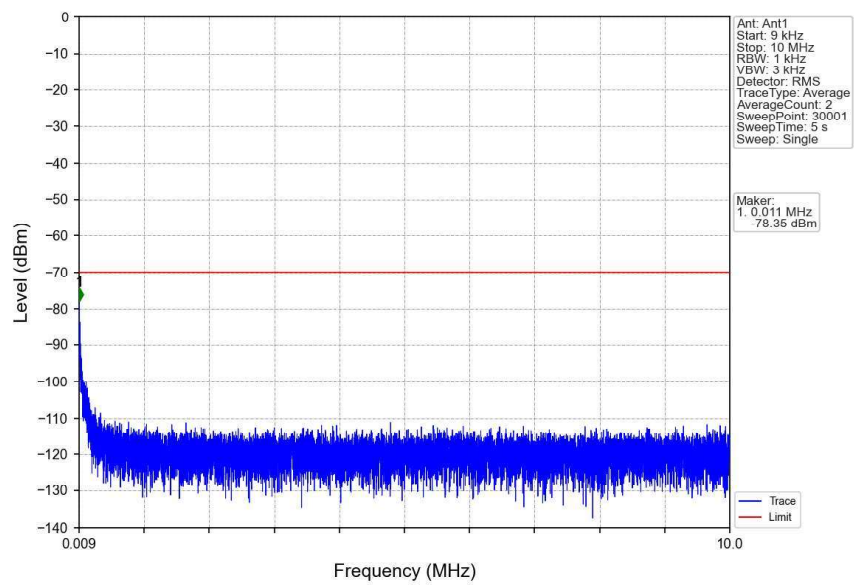
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3560.01MHz_Outer_Full



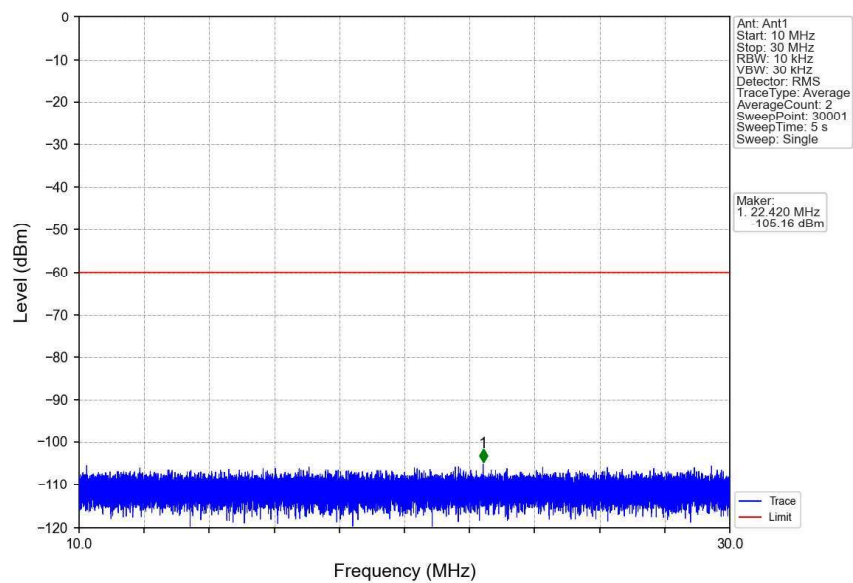
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3560.01MHz_Inner_1RB_Left



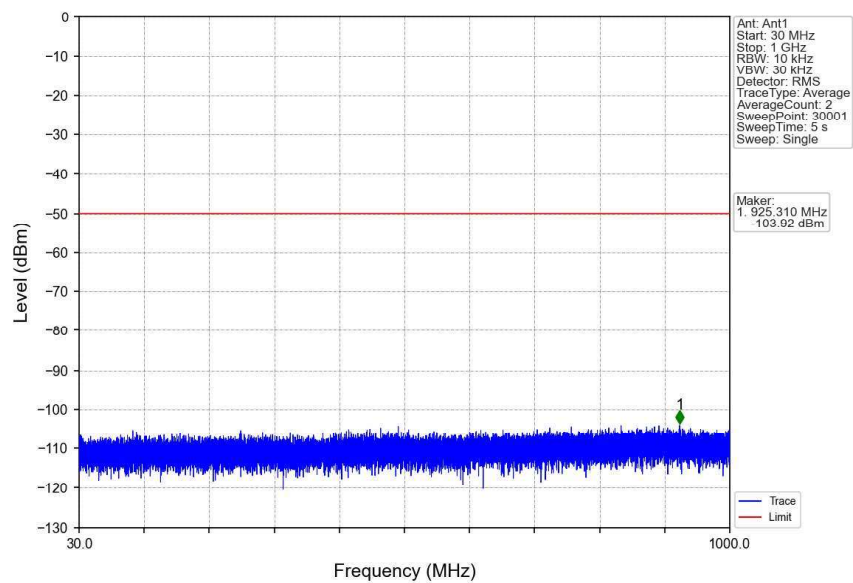
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3624.99MHz_Edge_1RB_Left



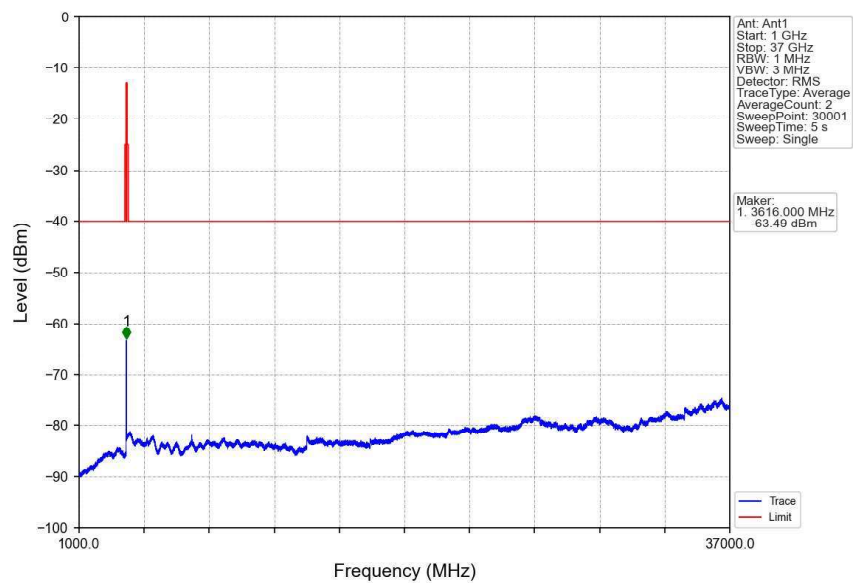
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3624.99MHz_Edge_1RB_Left



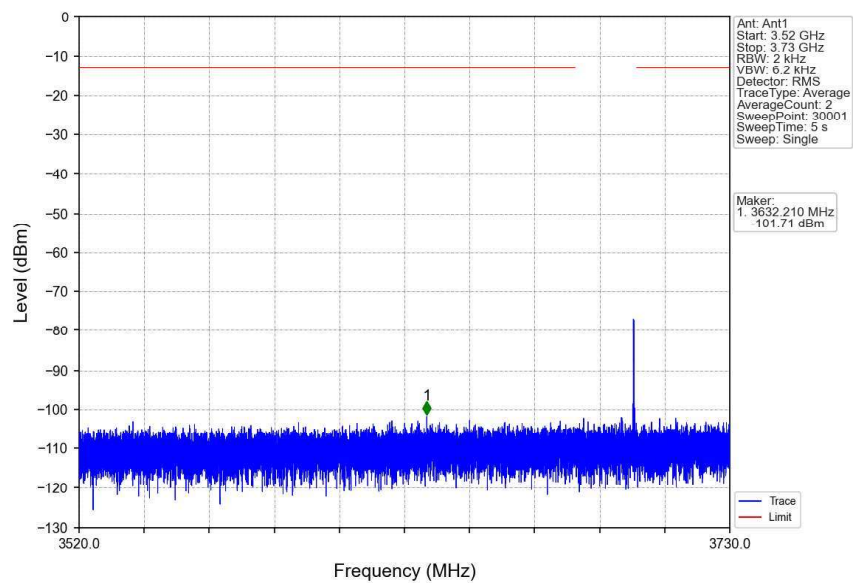
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3624.99MHz_Edge_1RB_Left



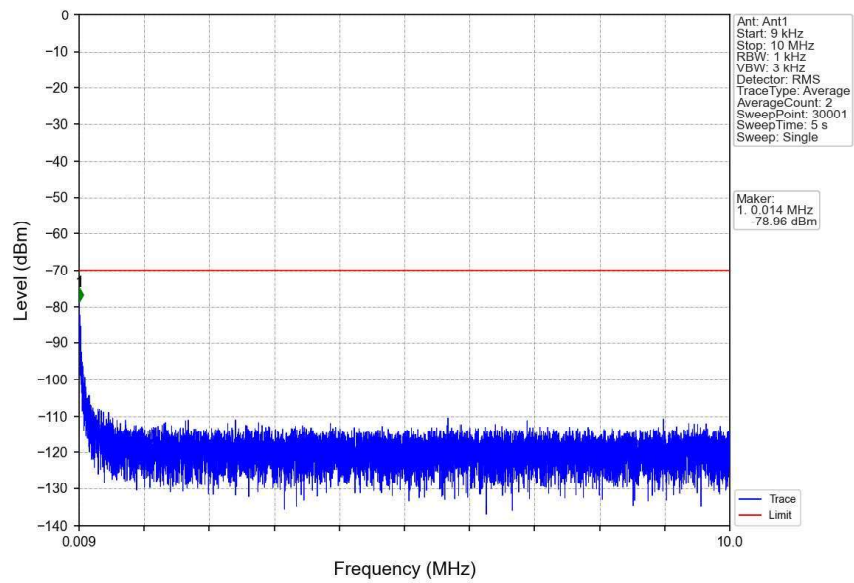
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3624.99MHz_Edge_1RB_Left



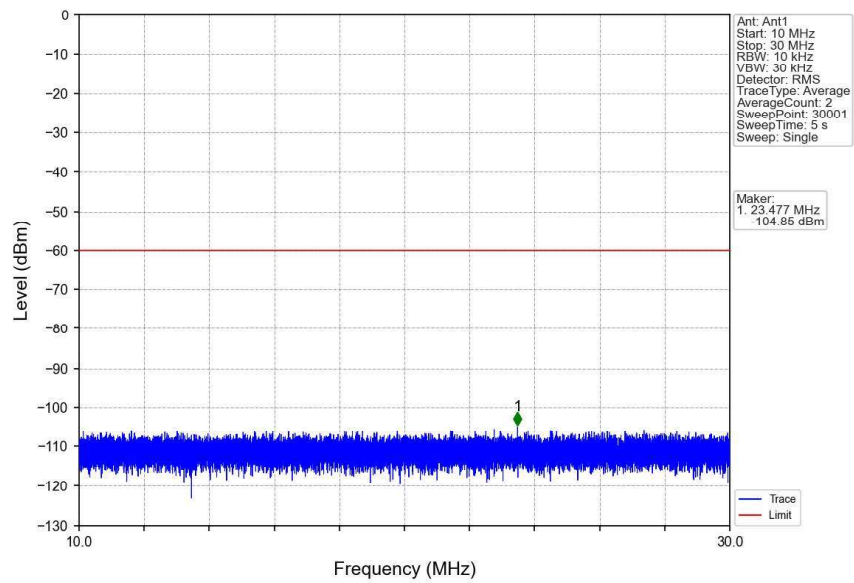
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Edge_1RB_Right



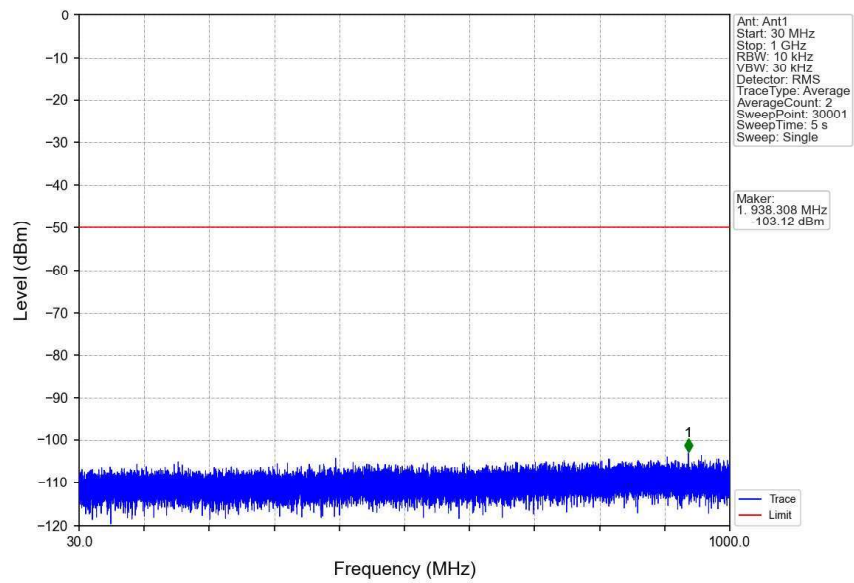
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Edge_1RB_Right



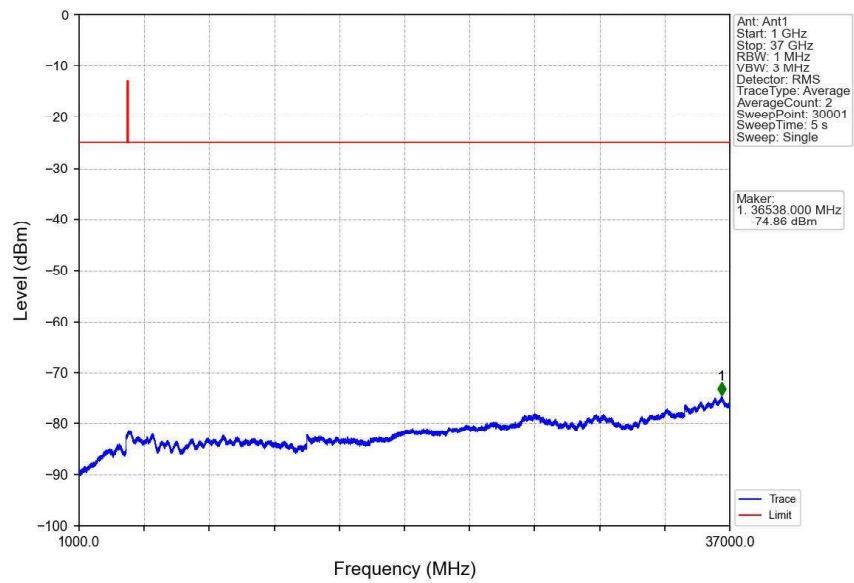
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Edge_1RB_Right



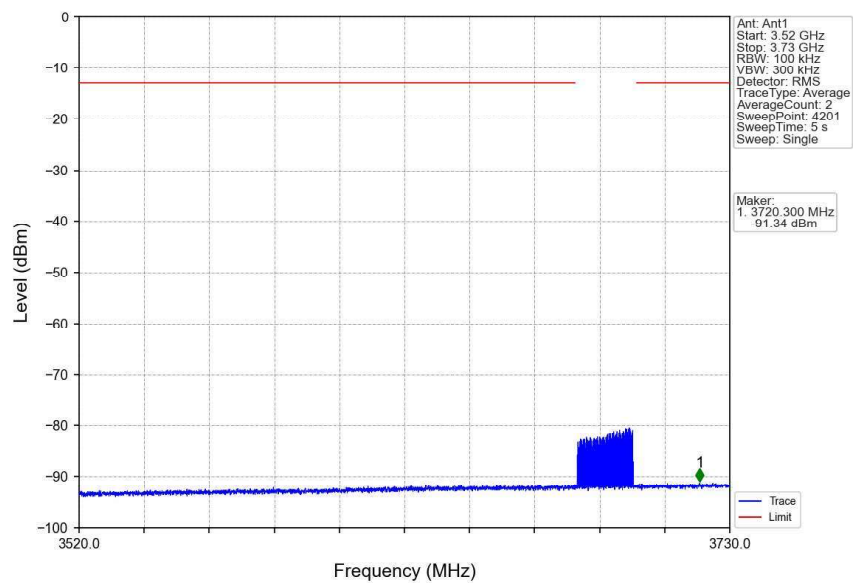
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Edge_1RB_Right



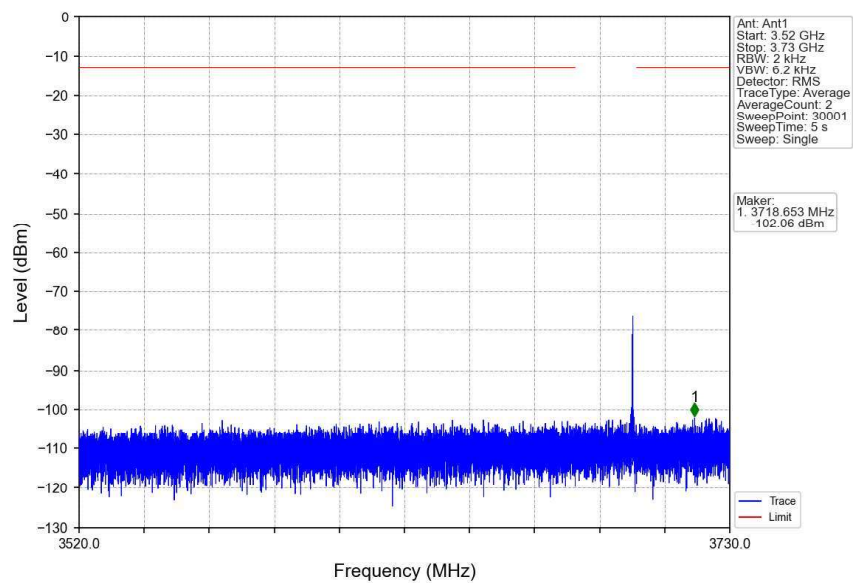
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Edge_1RB_Right



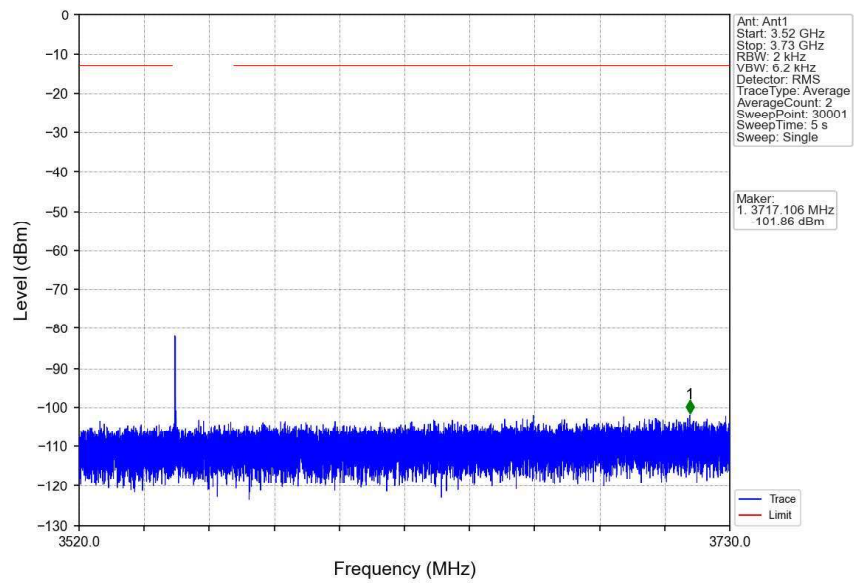
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Outer_Full



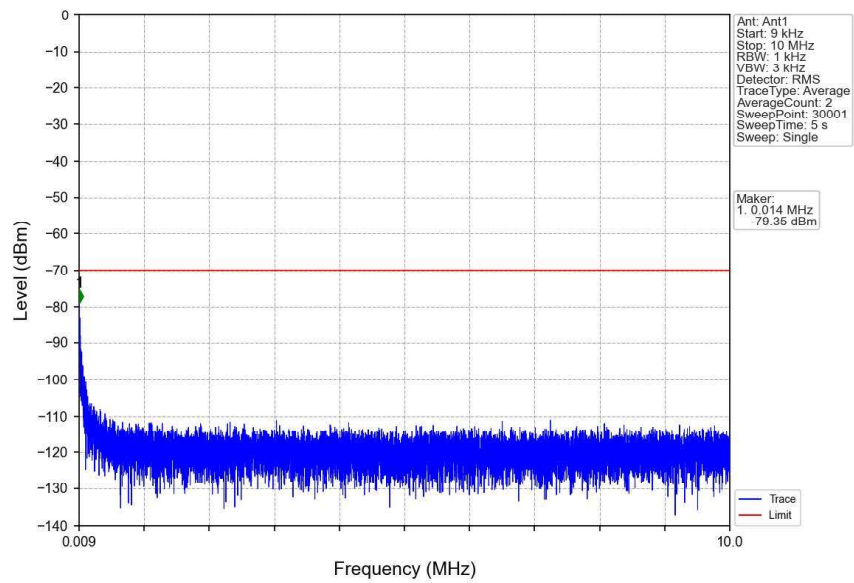
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Inner_1RB_Right



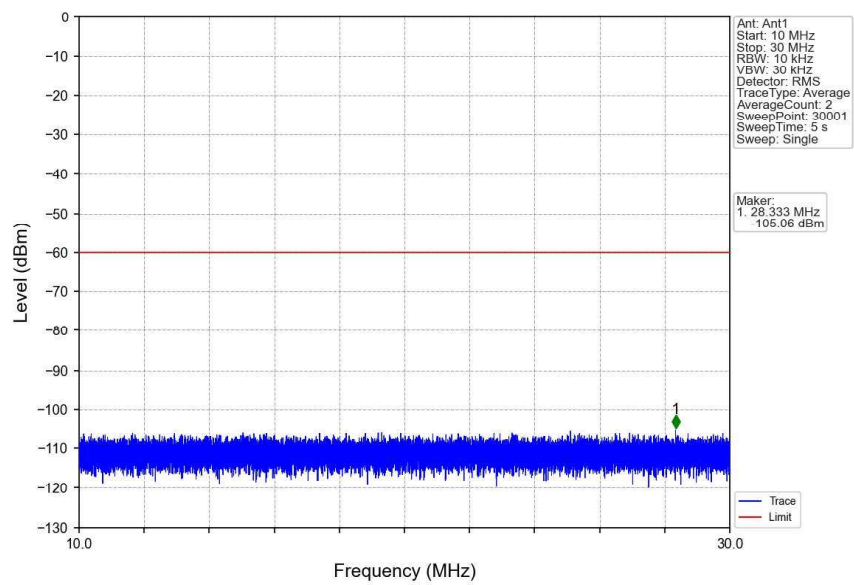
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3560.01MHz_Edge_1RB_Left



n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3560.01MHz_Edge_1RB_Left



n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3560.01MHz_Edge_1RB_Left



n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3560.01MHz_Edge_1RB_Left

