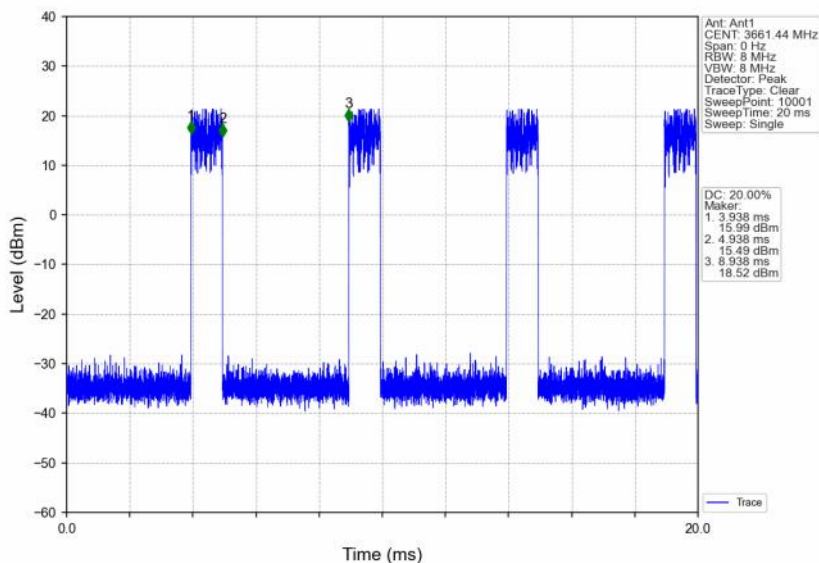
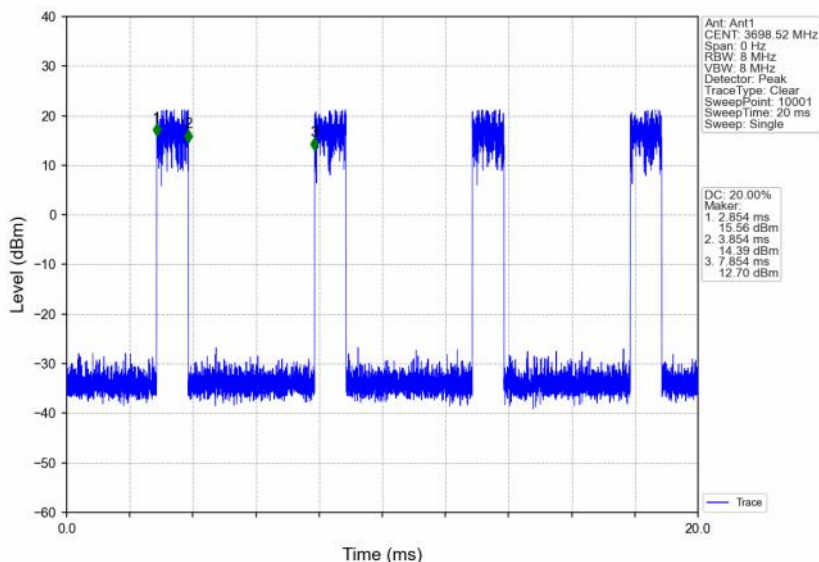


n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_3679.98MHz_Inner_1RB_Left



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_3679.98MHz_Inner_1RB_Right

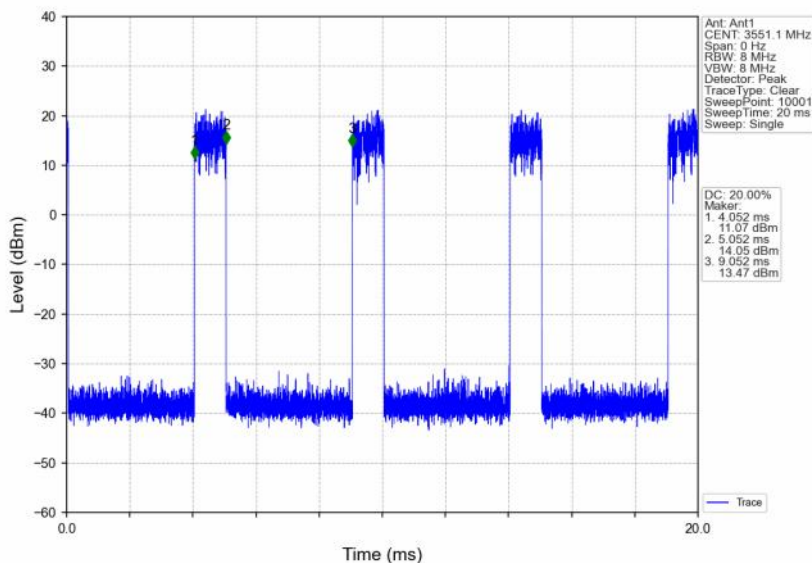


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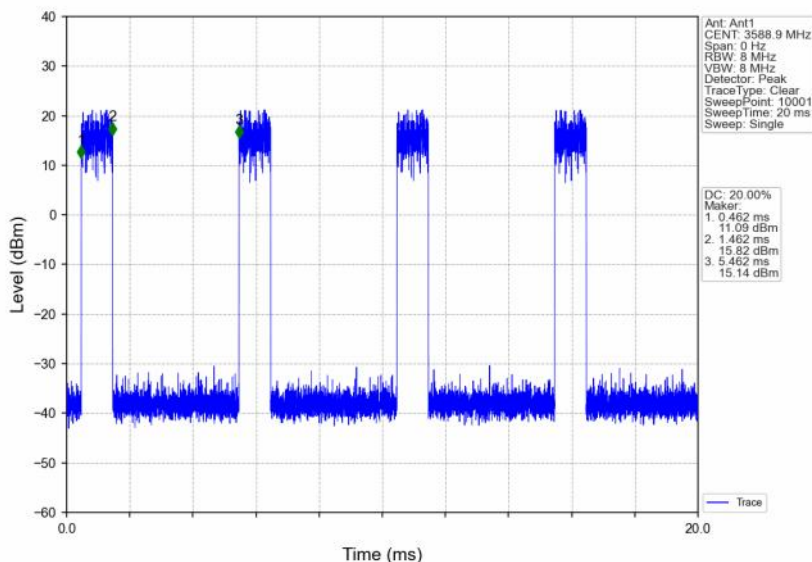
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n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3570MHz_Edge_1RB_Left



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3570MHz_Edge_1RB_Right

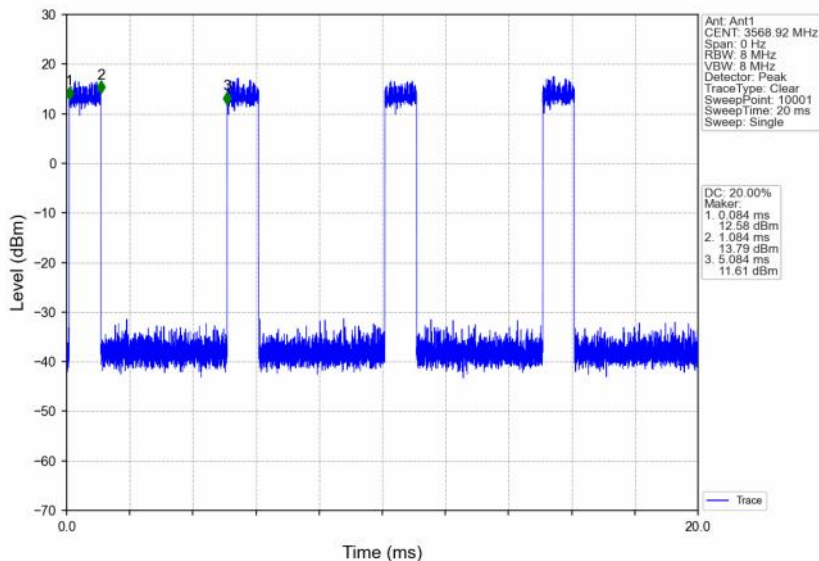


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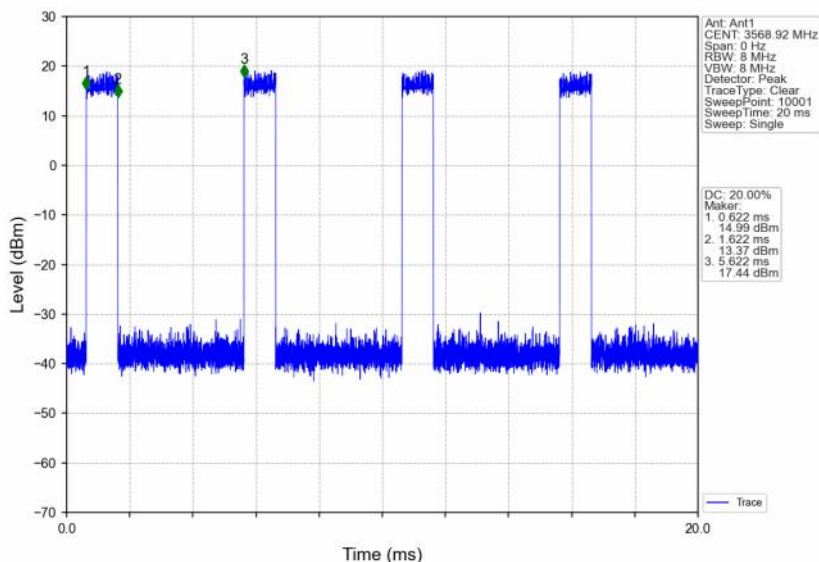
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n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3570MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3570MHz_Inner_Full

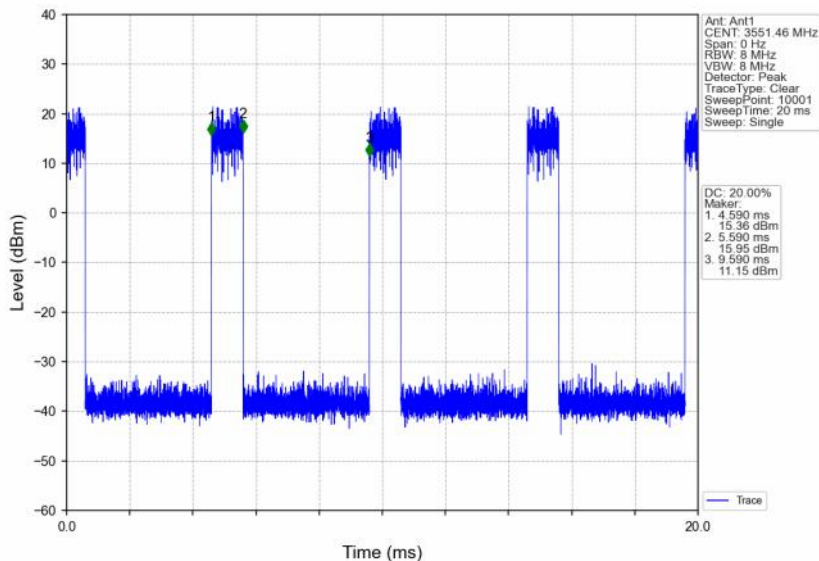


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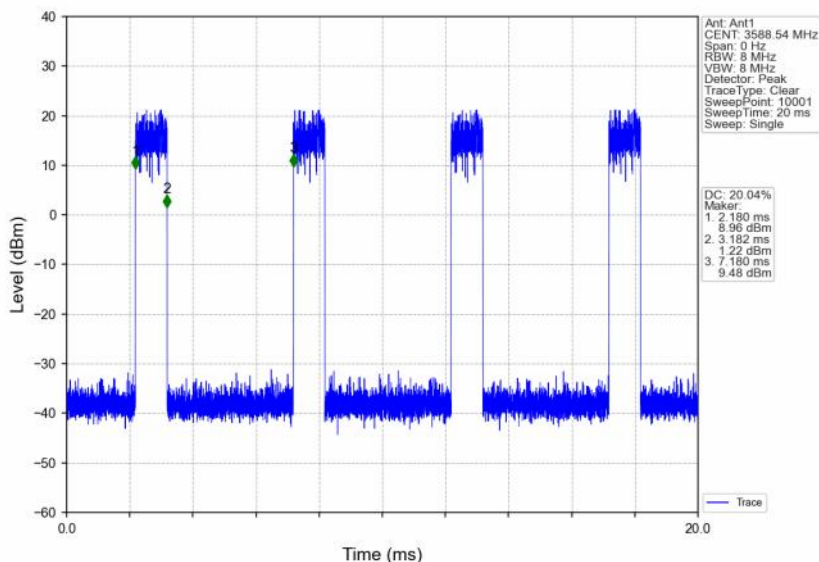
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n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3570MHz_Inner_1RB_Left



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3570MHz_Inner_1RB_Right

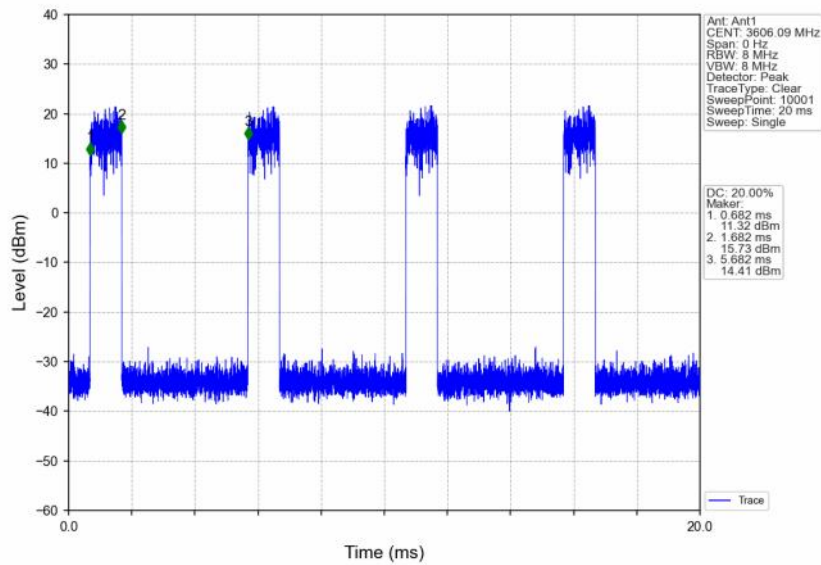


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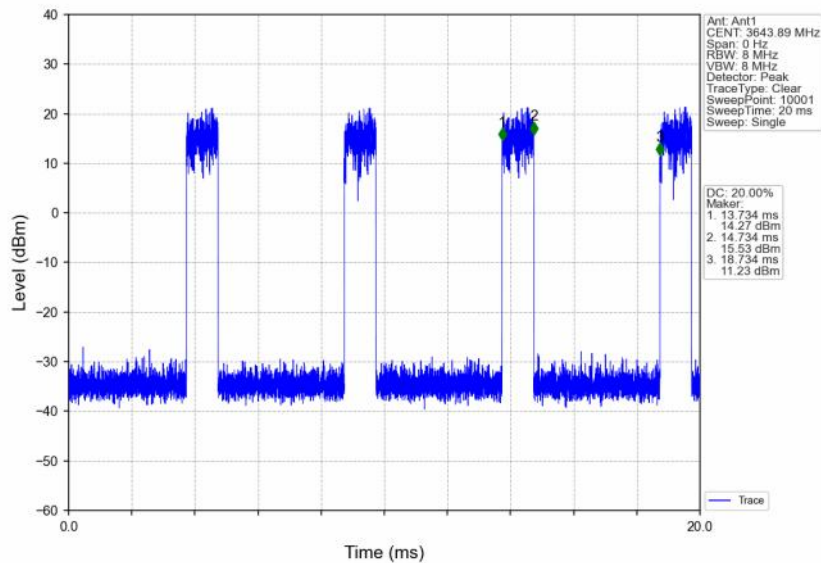
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n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Edge_1RB_Left



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Edge_1RB_Right

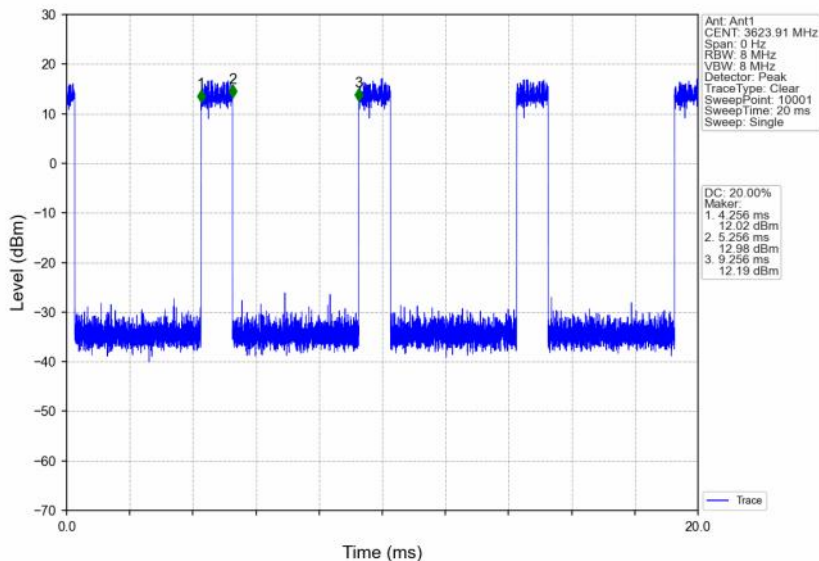


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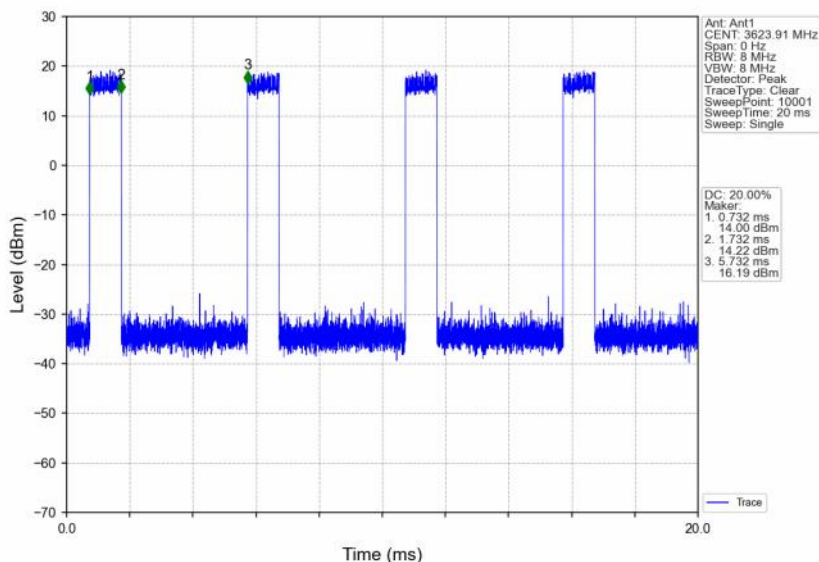
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n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Inner_Full

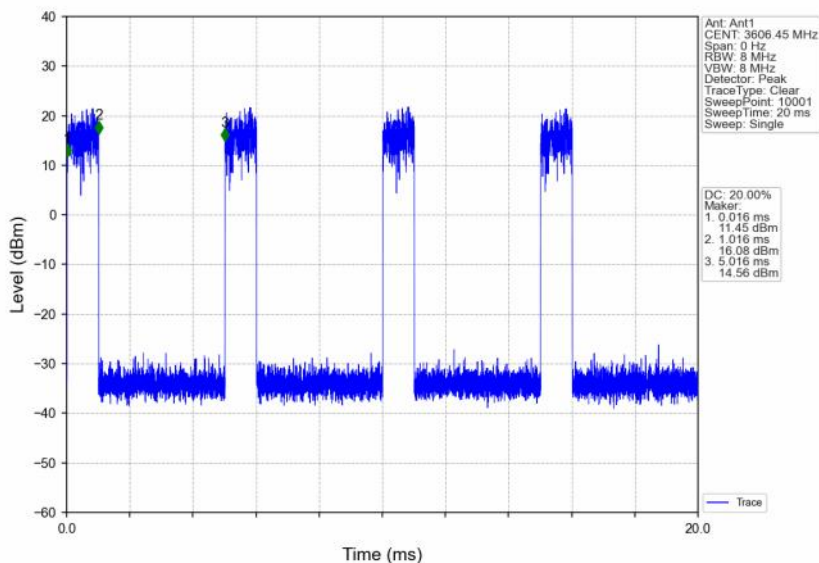


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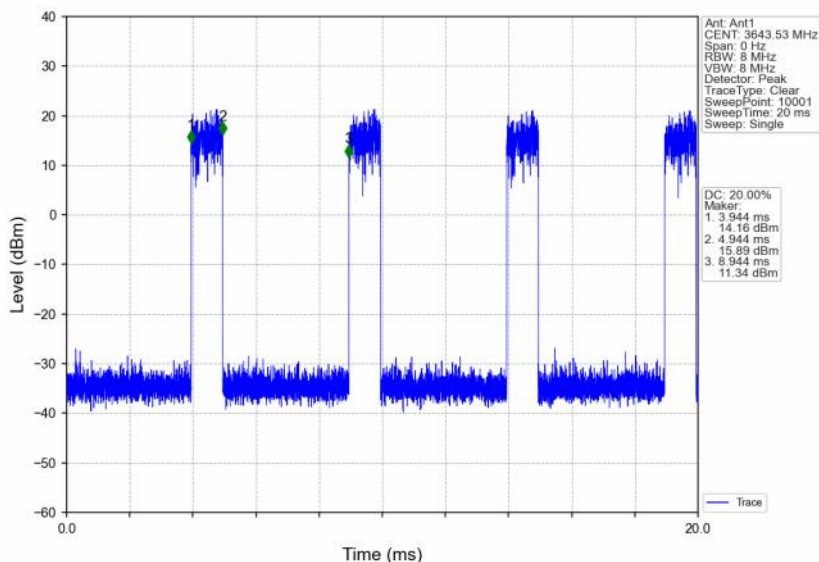
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n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Inner_1RB_Left



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Inner_1RB_Right

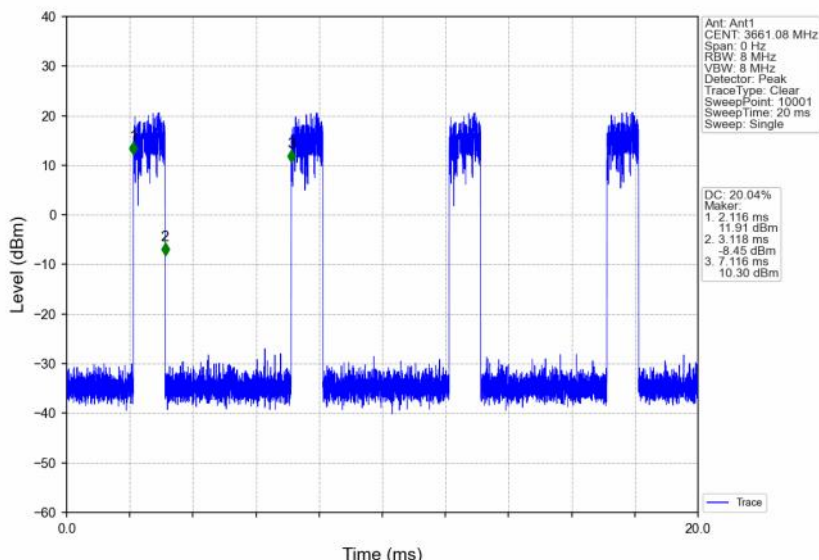


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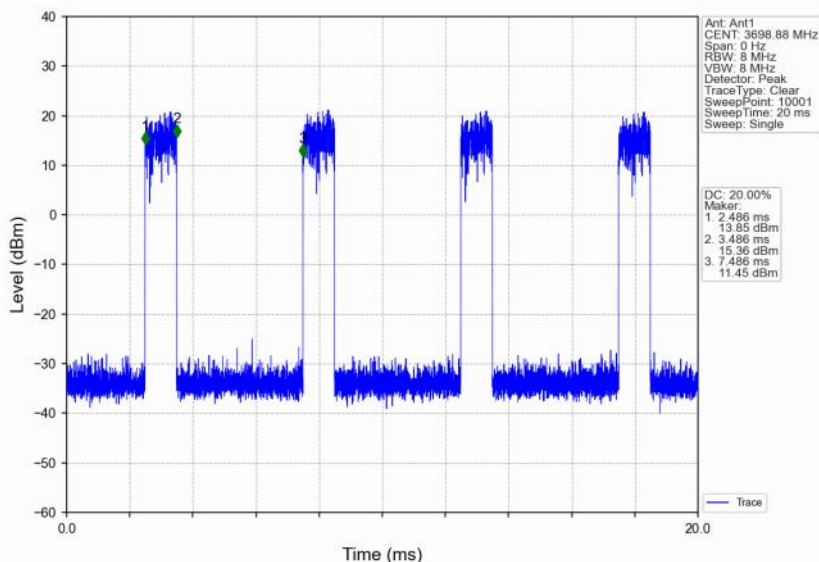
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n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3679.98MHz_Edge_1RB_Left



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3679.98MHz_Edge_1RB_Right

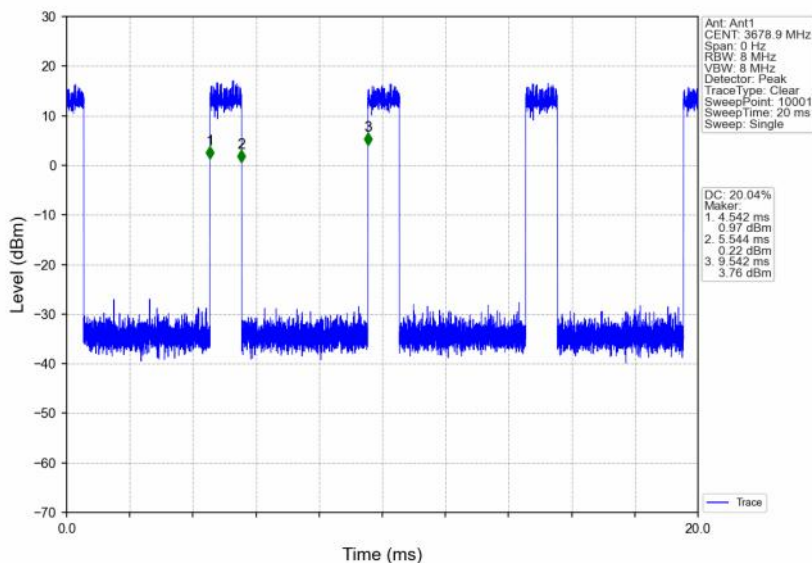


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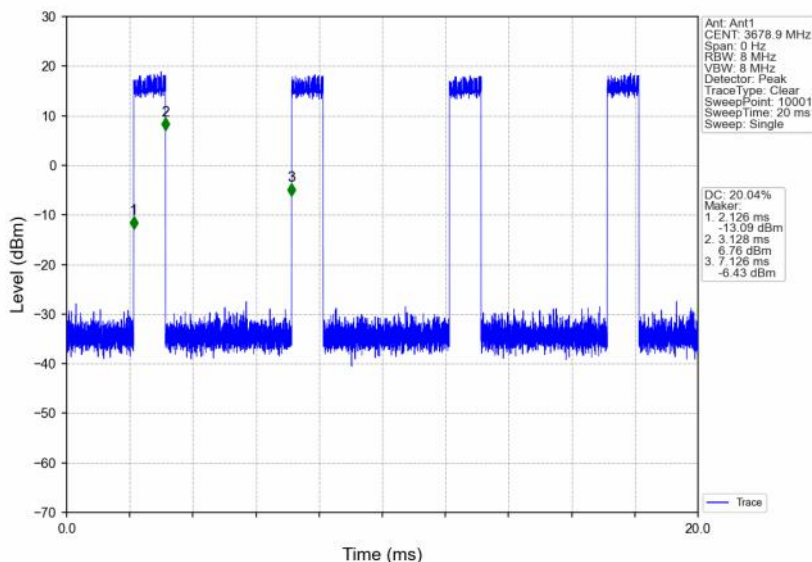
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n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3679.98MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3679.98MHz_Inner_Full

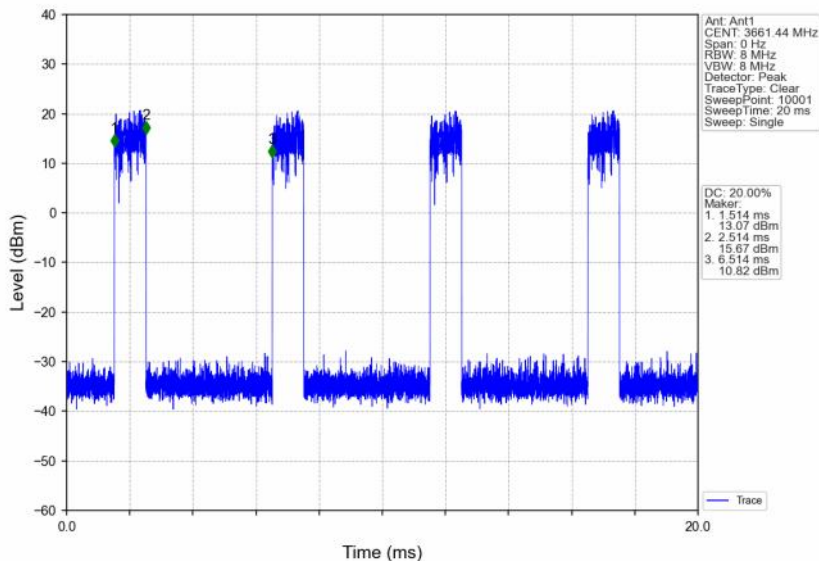


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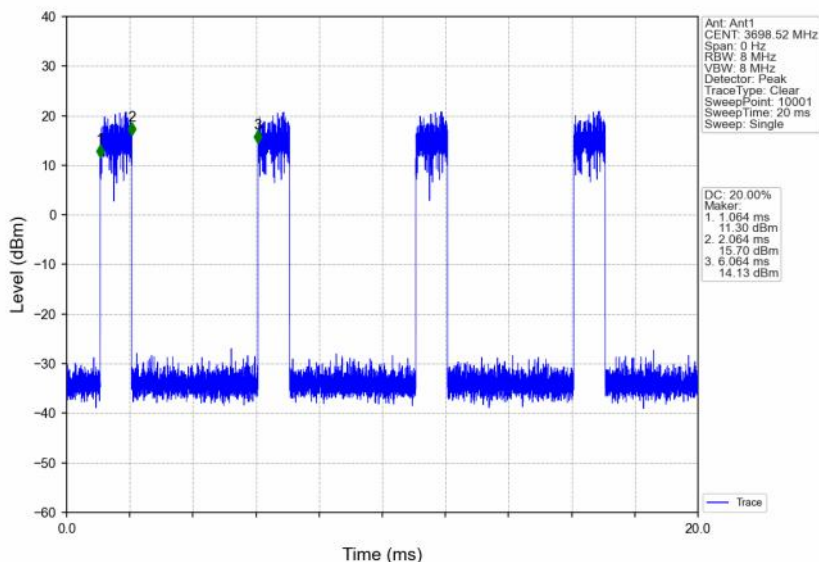
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n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3679.98MHz_Inner_1RB_Left



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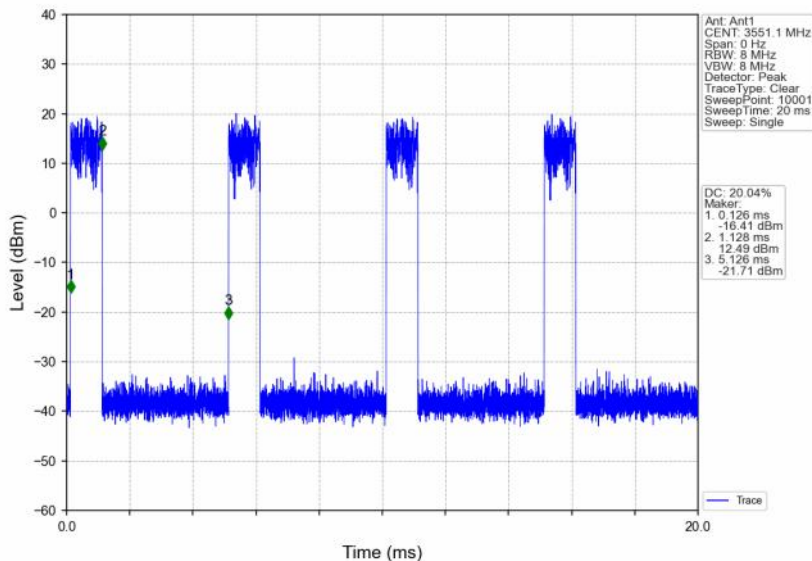


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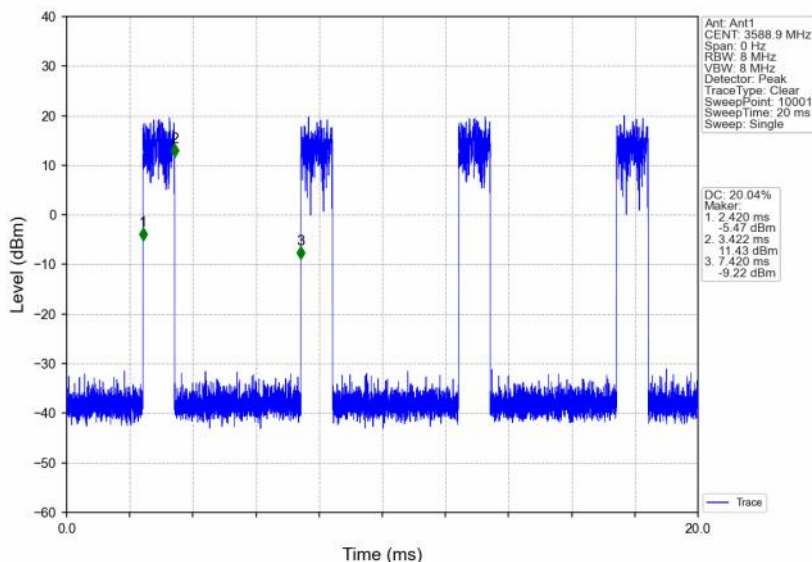
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n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_3570MHz_Edge_1RB_Left



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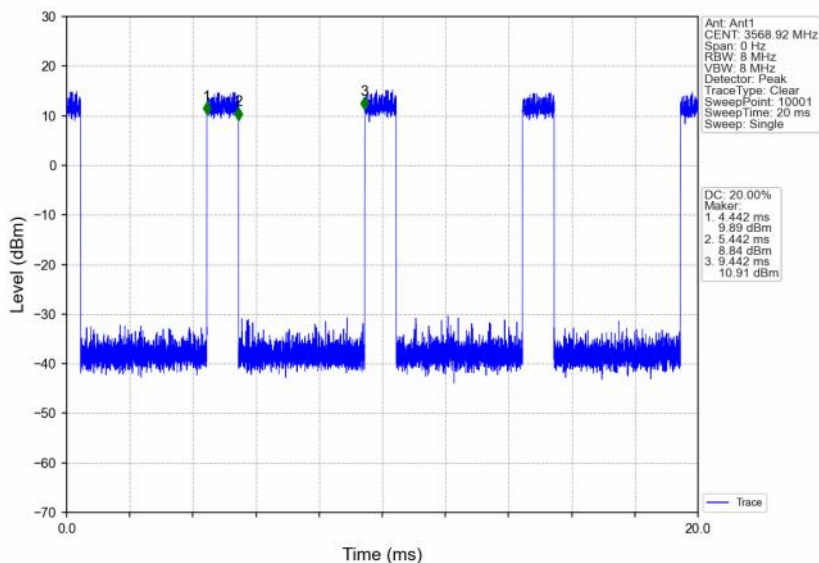


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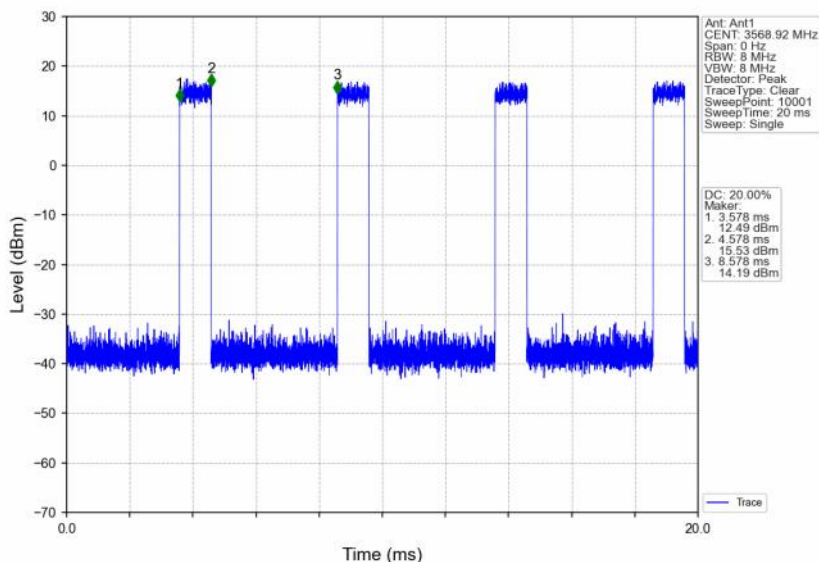
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n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3570MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3570MHz_Inner_Full

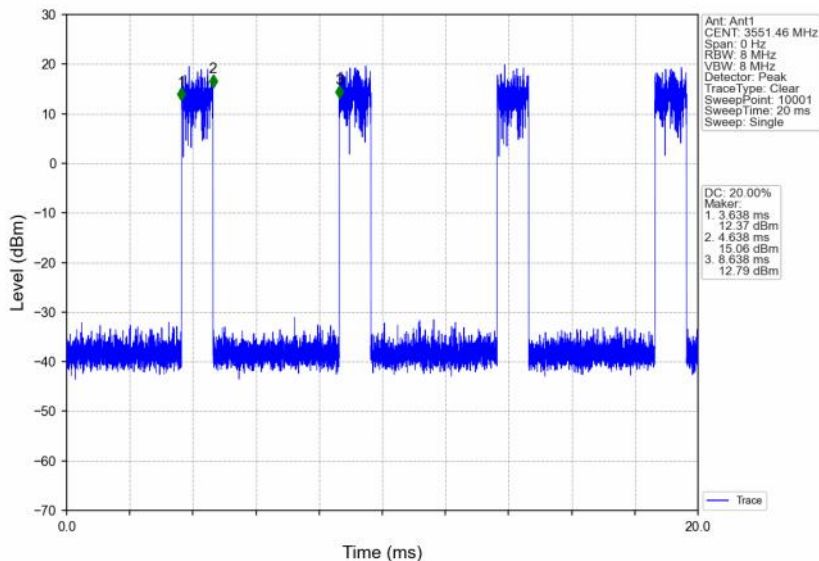


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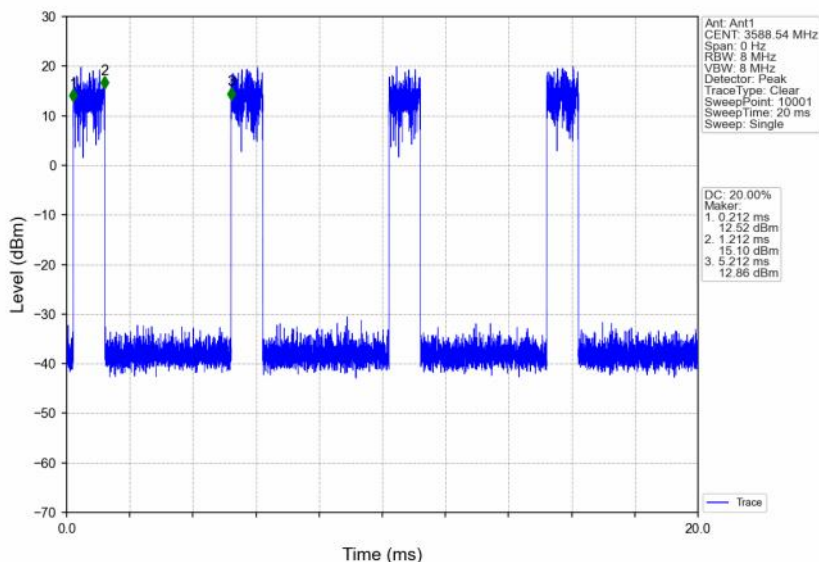
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n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3570MHz_Inner_1RB_Left



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3570MHz_Inner_1RB_Right

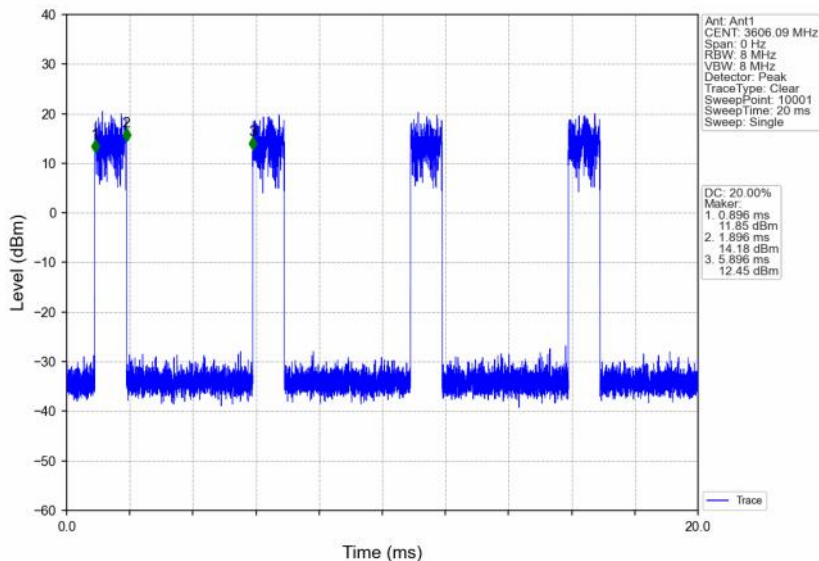


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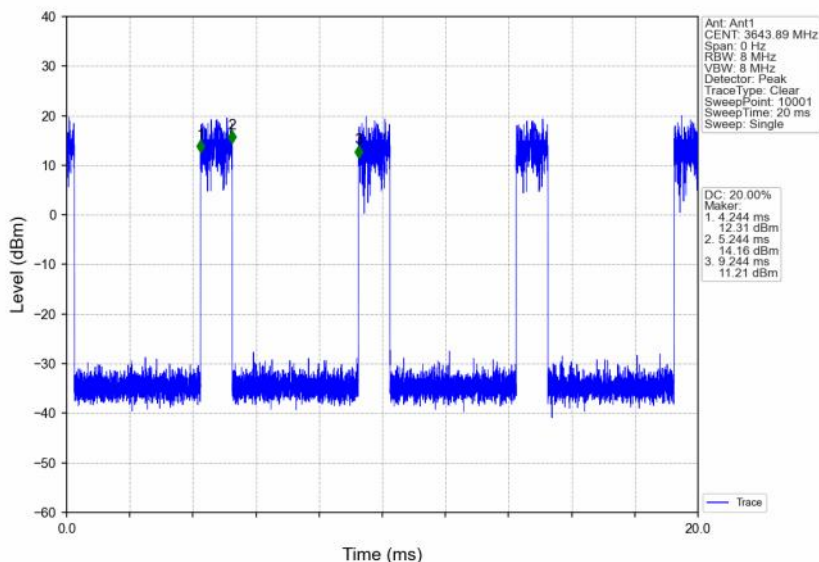
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n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Edge_1RB_Left



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Edge_1RB_Right

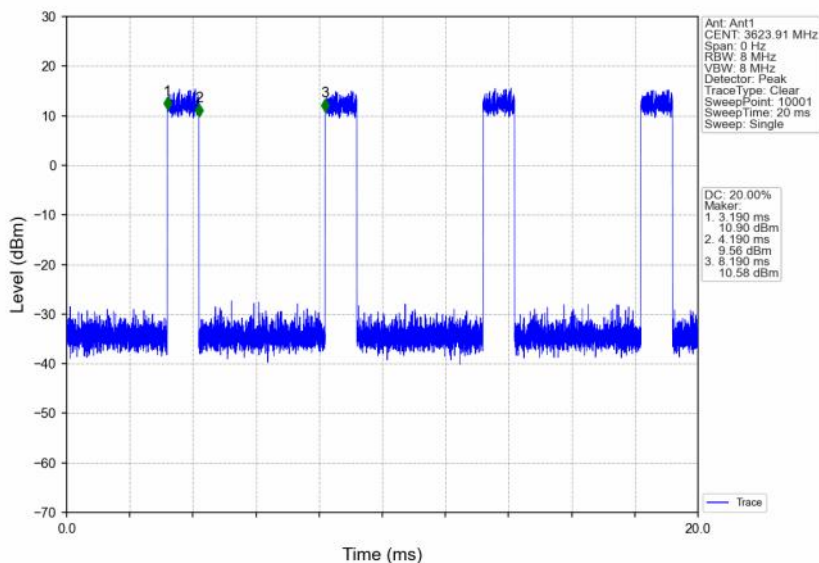


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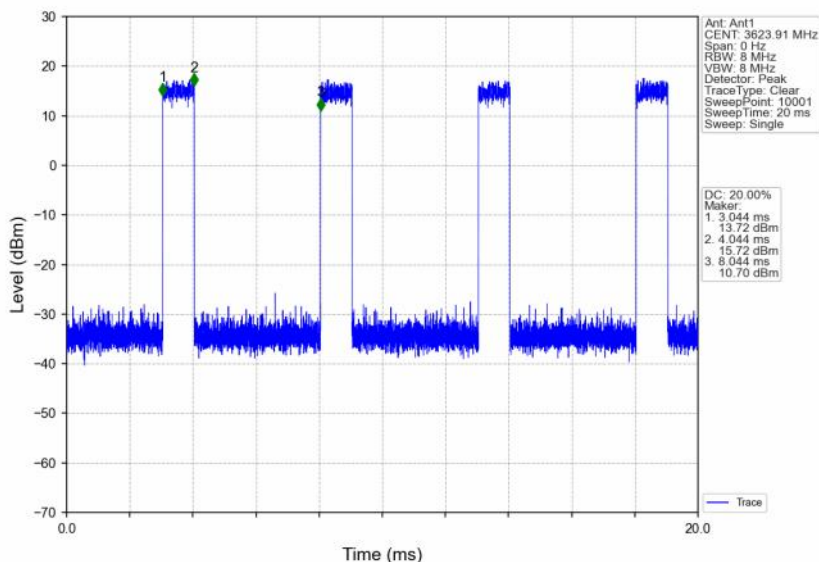
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n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full



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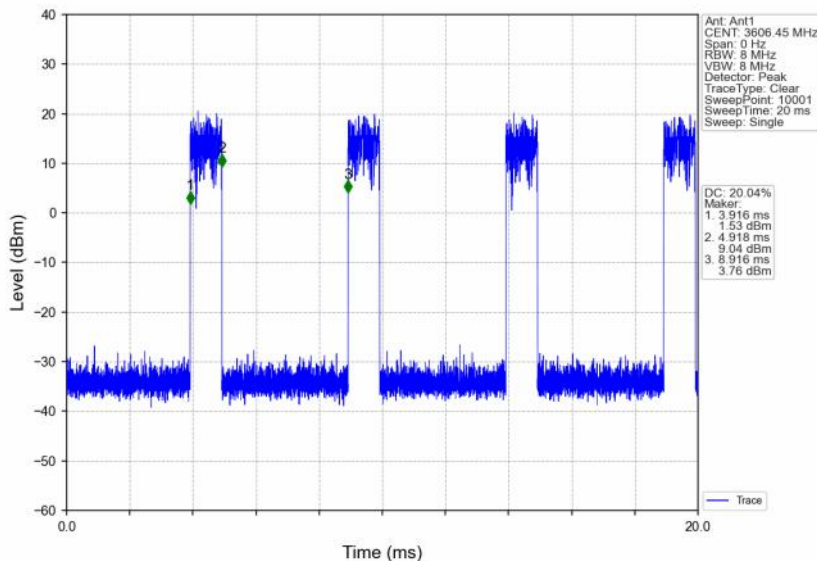


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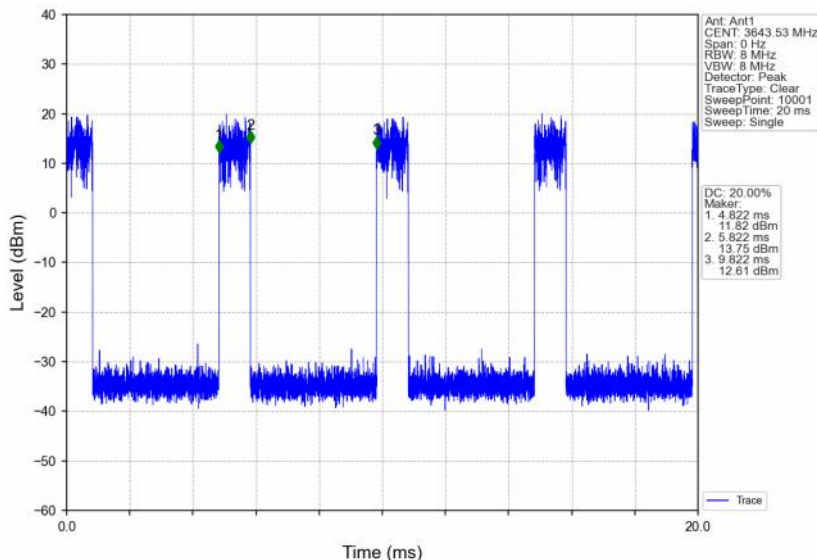
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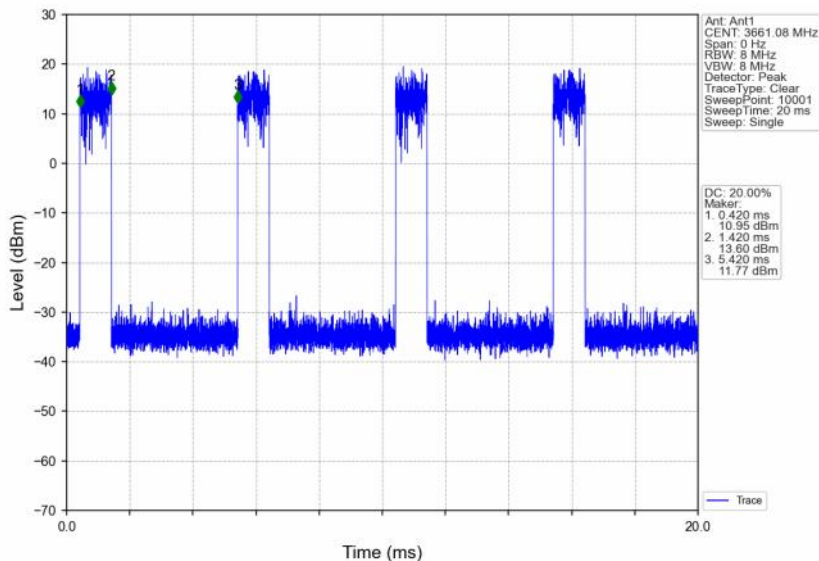


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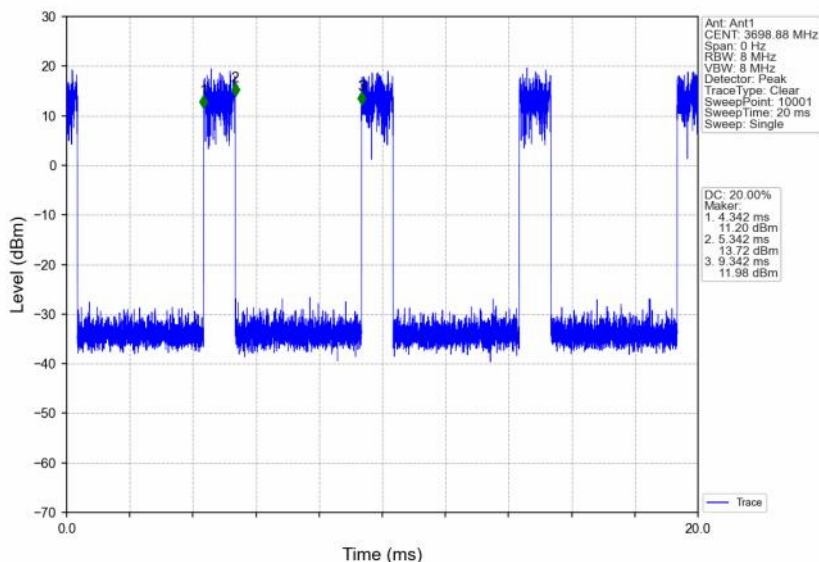
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n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3679.98MHz_Edge_1RB_Left



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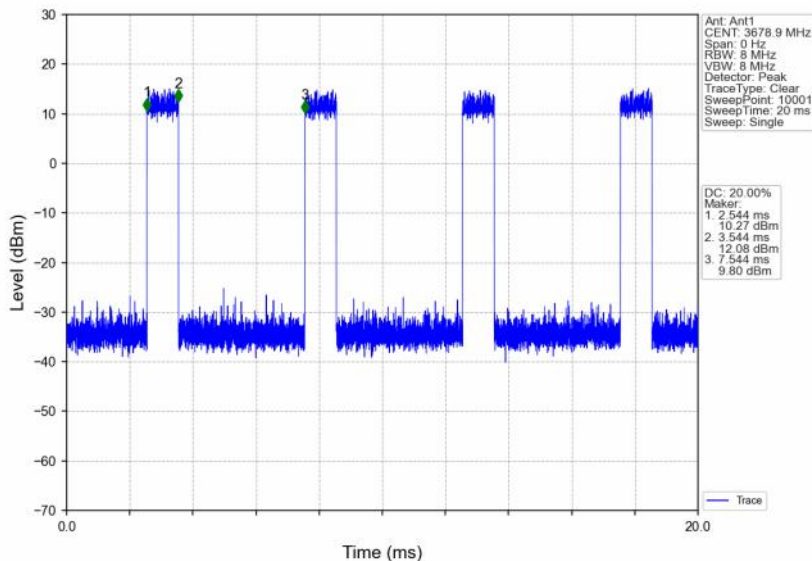


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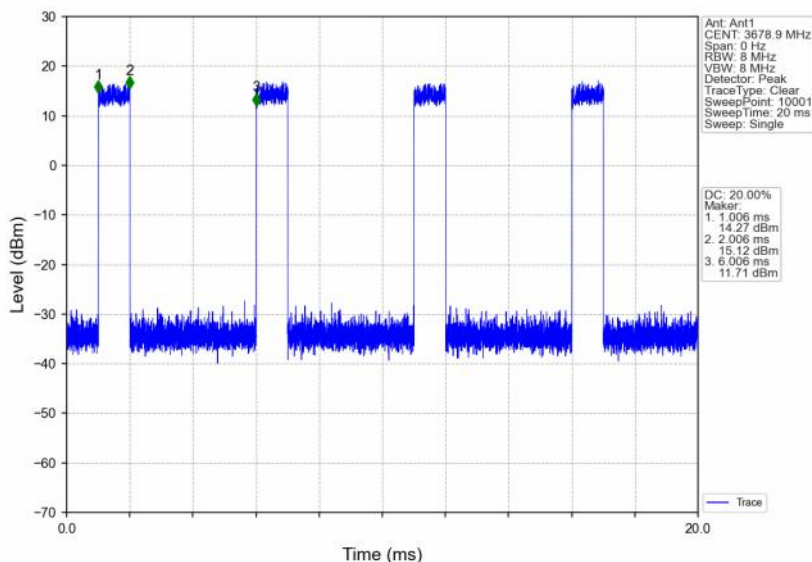
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n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3679.98MHz_Outer_Full



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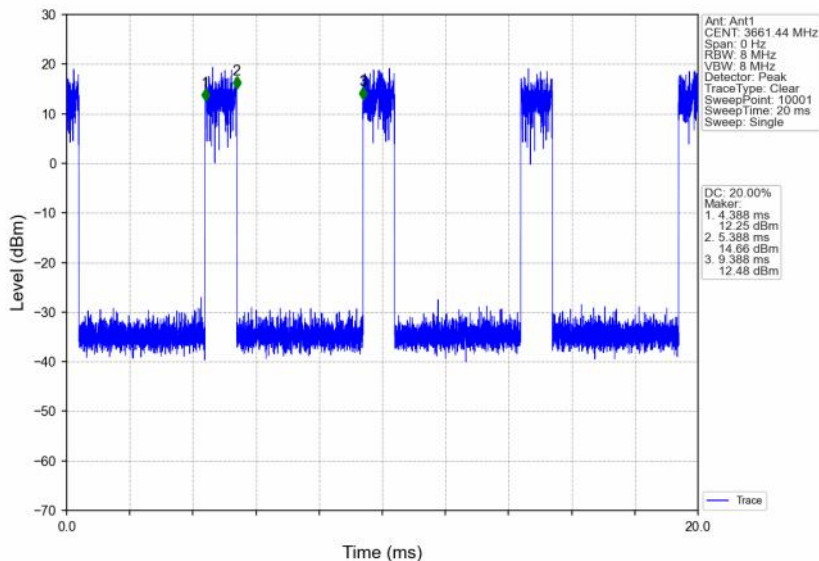


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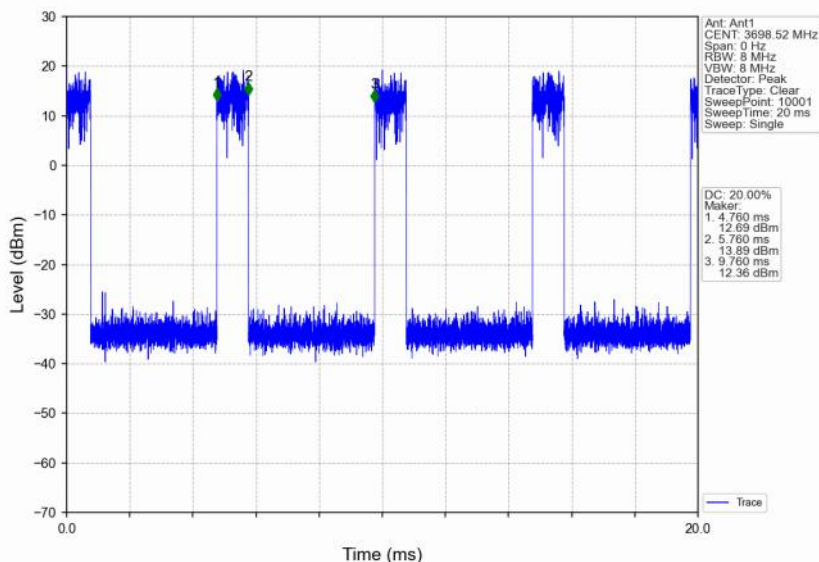
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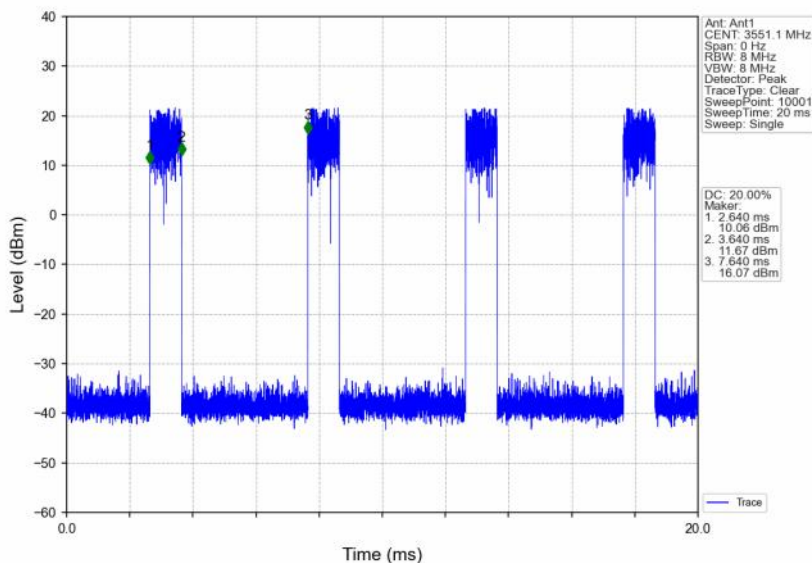


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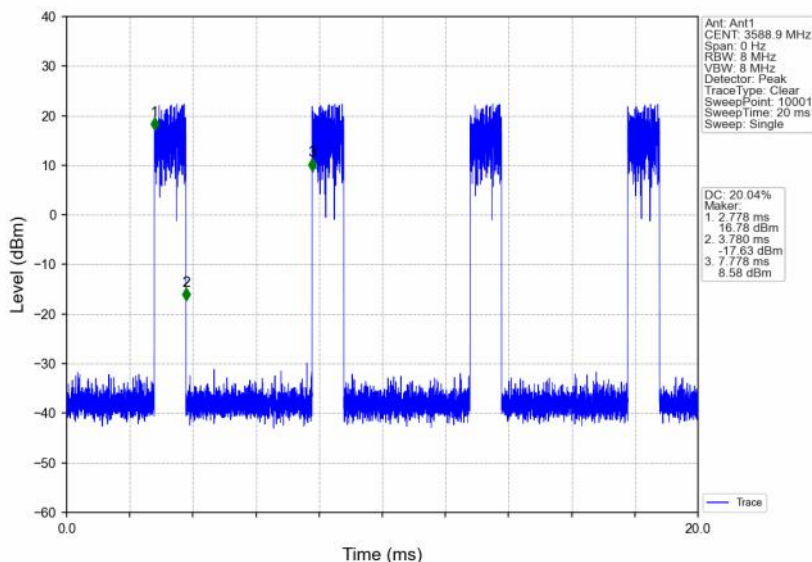
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3570MHz_Edge_1RB_Left



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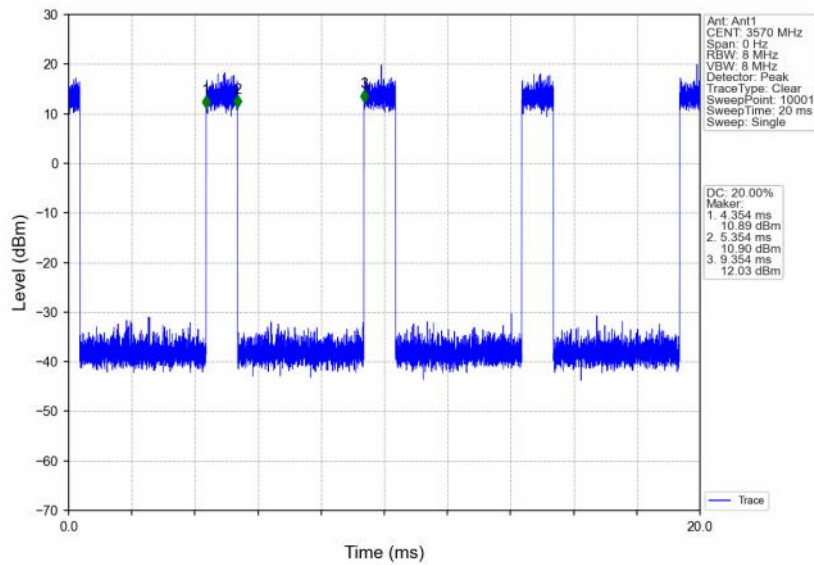


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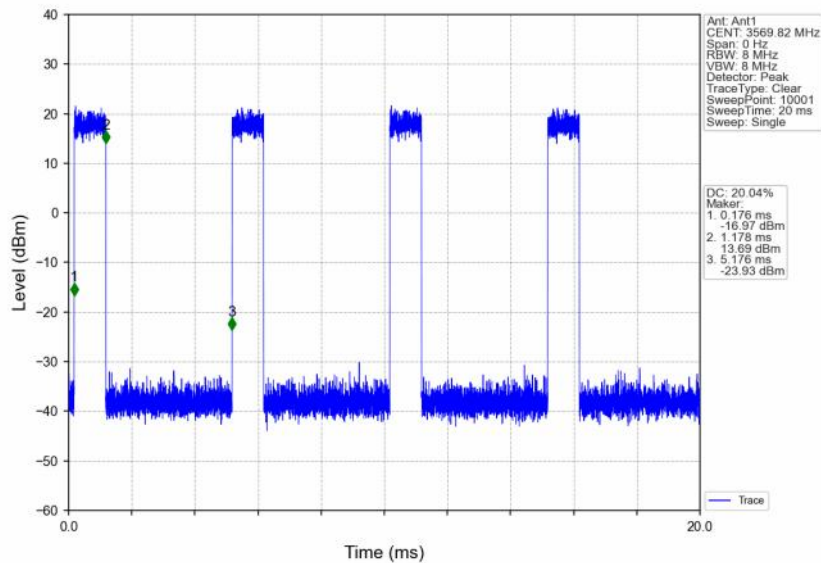
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3570MHz_Outer_Full



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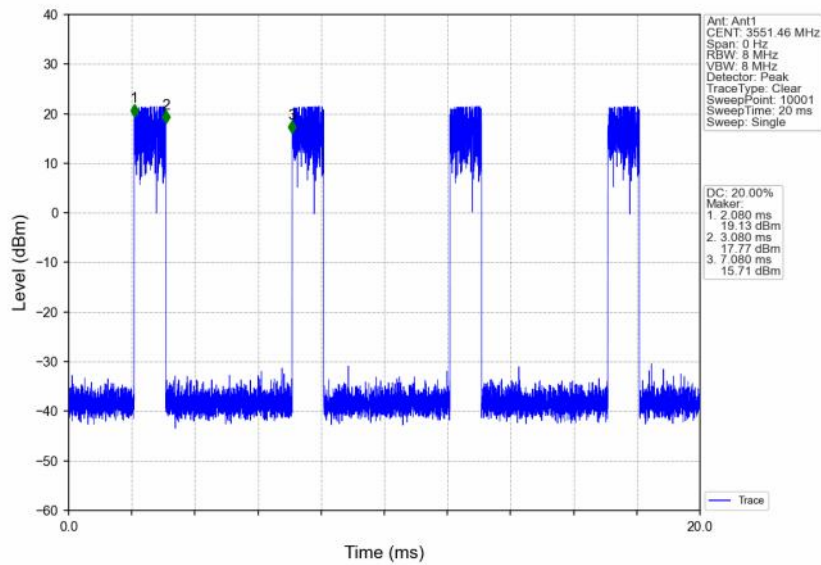


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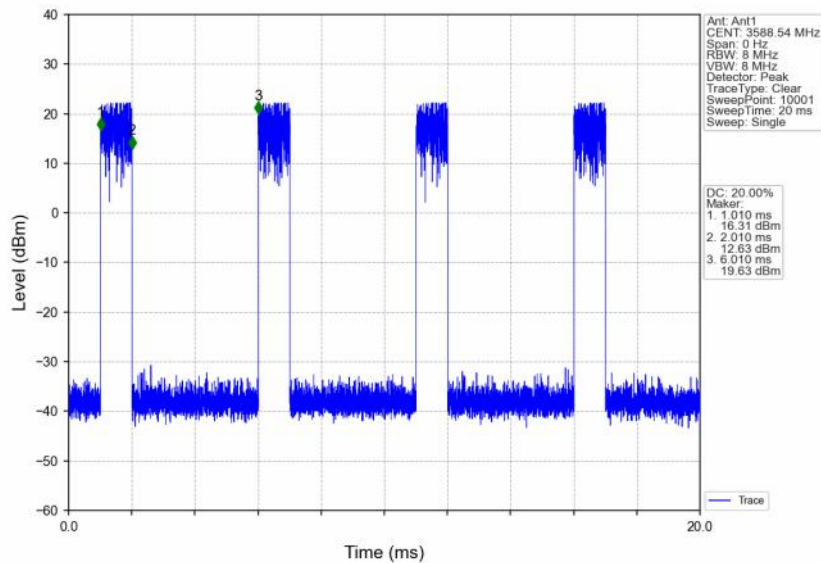
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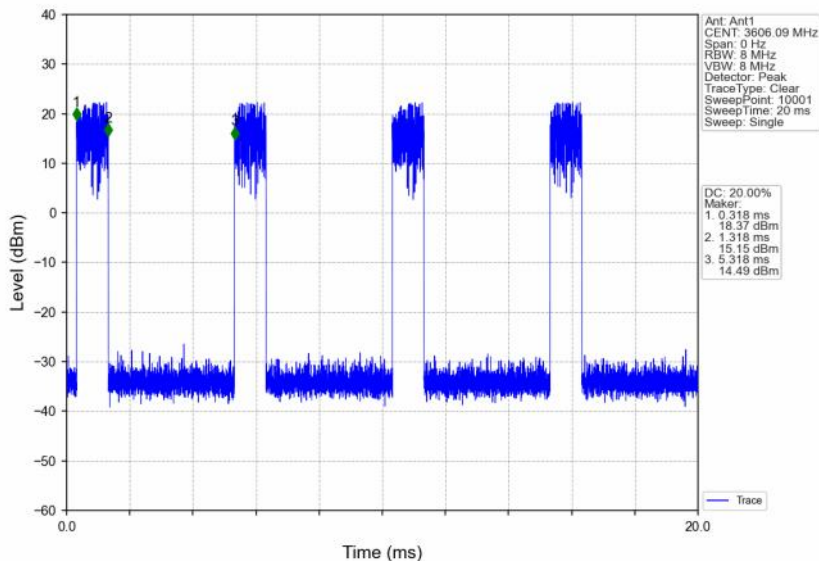


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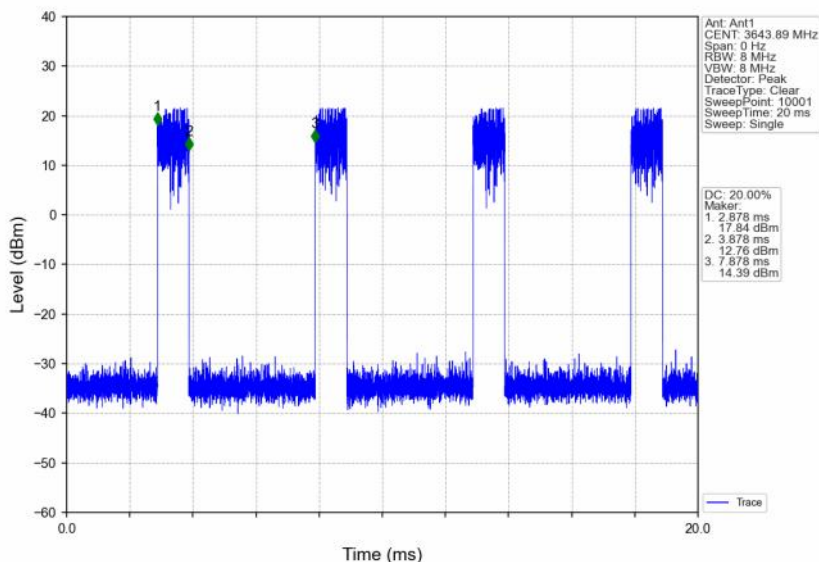
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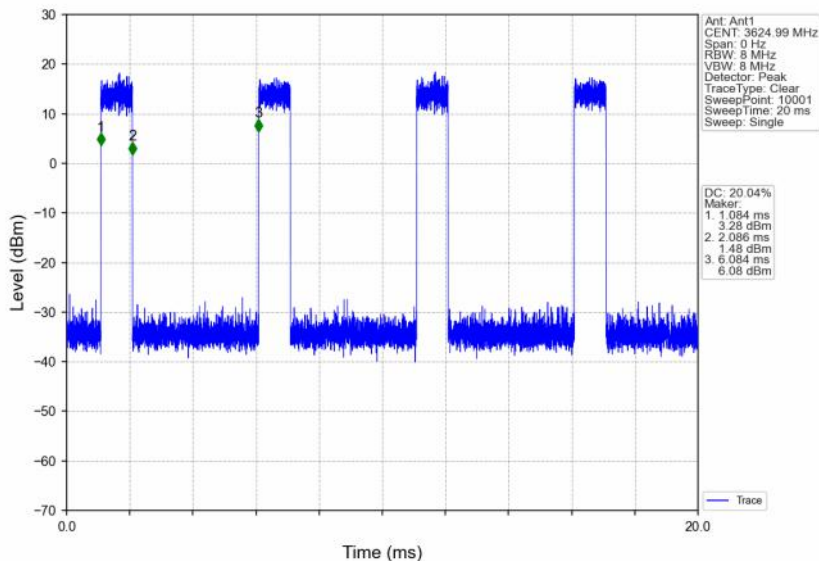


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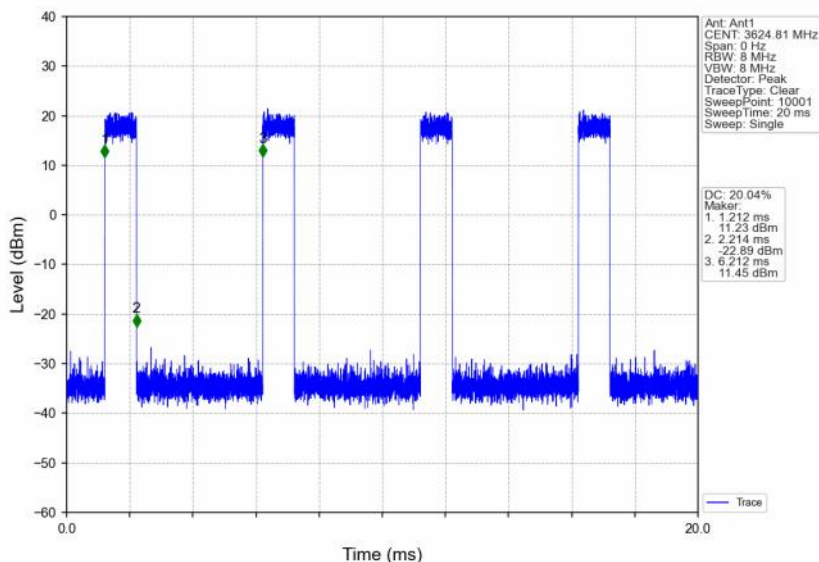
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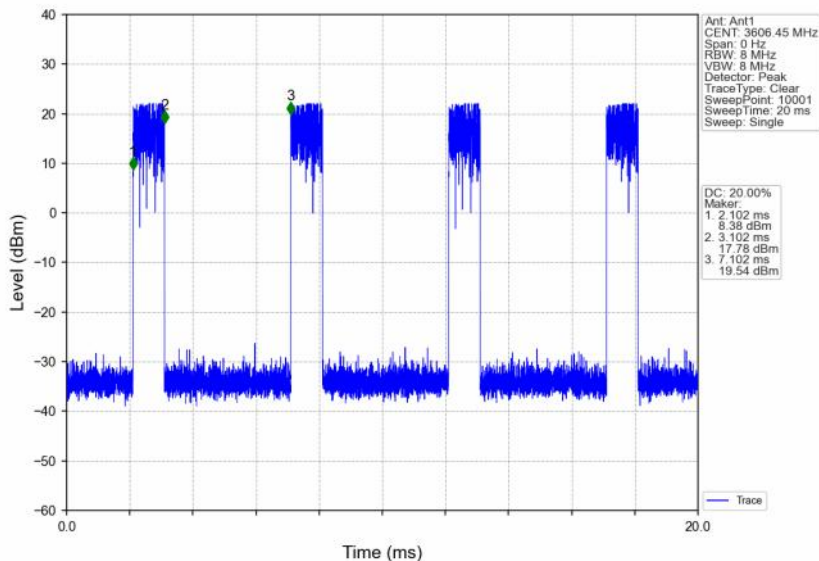


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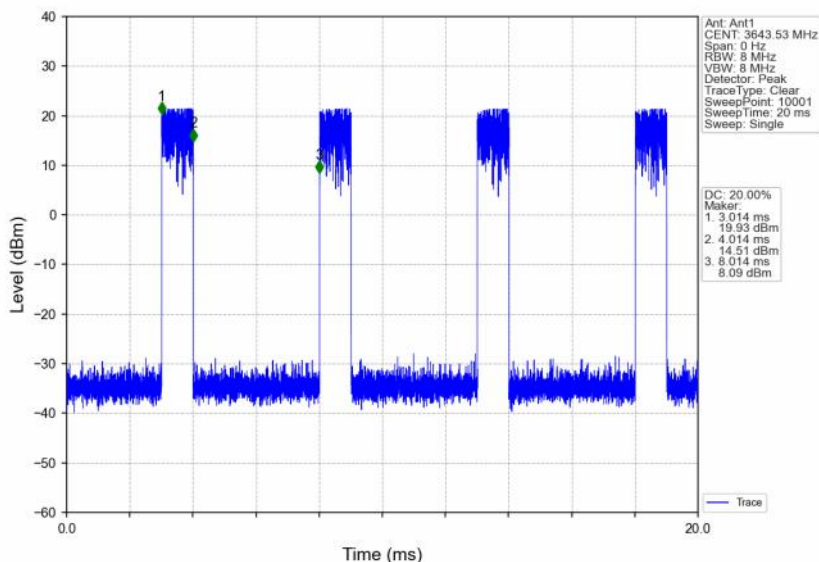
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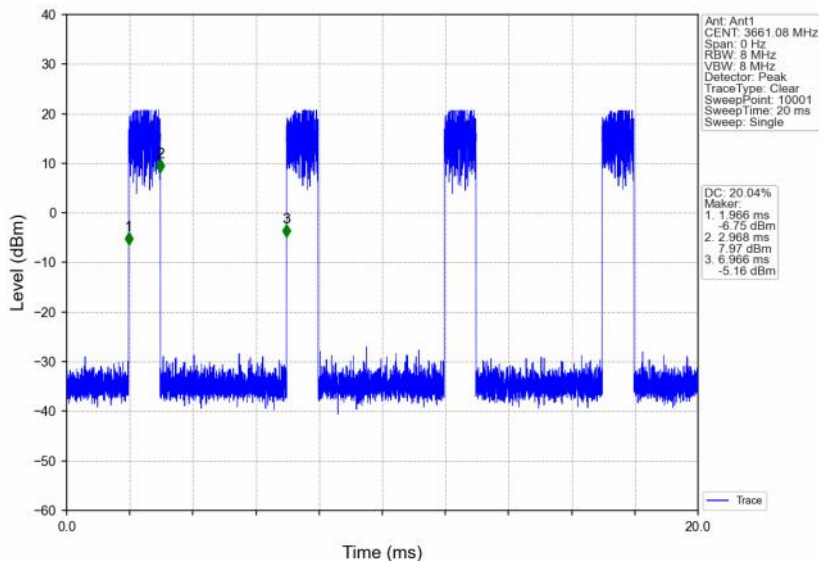


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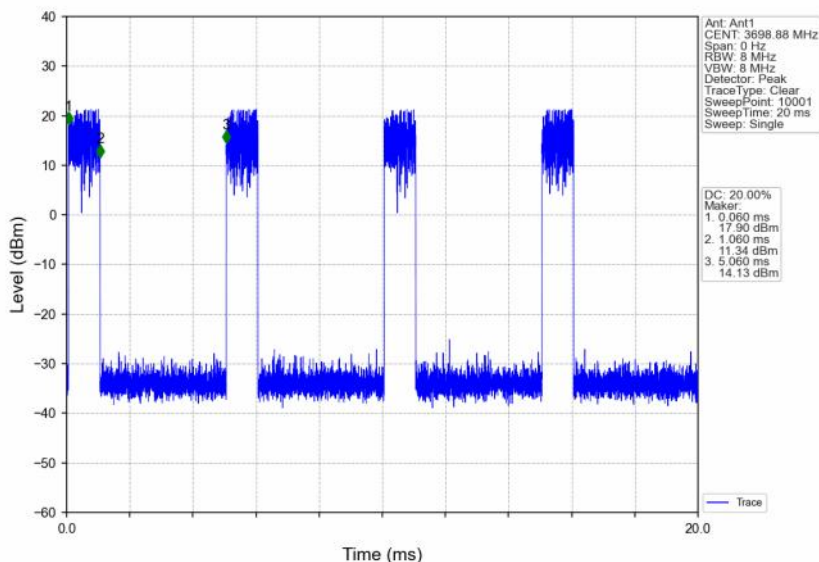
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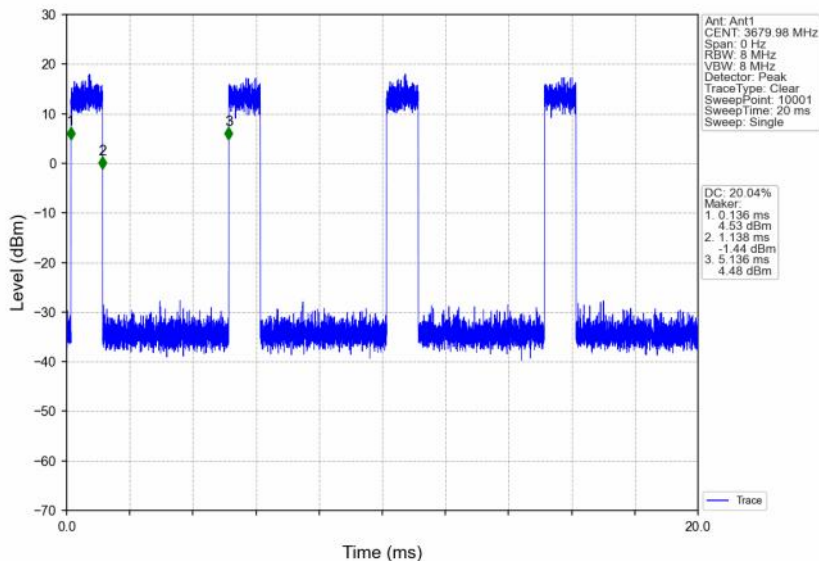


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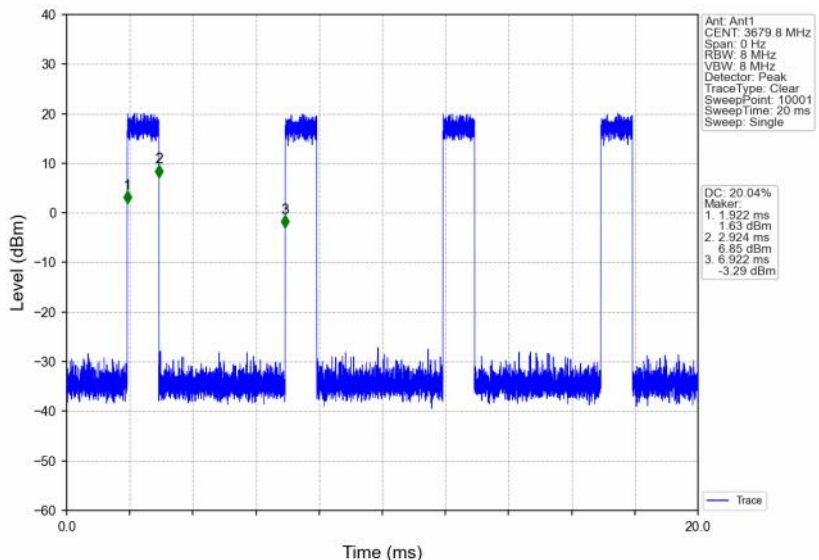
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3679.98MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3679.98MHz_Inner_Full

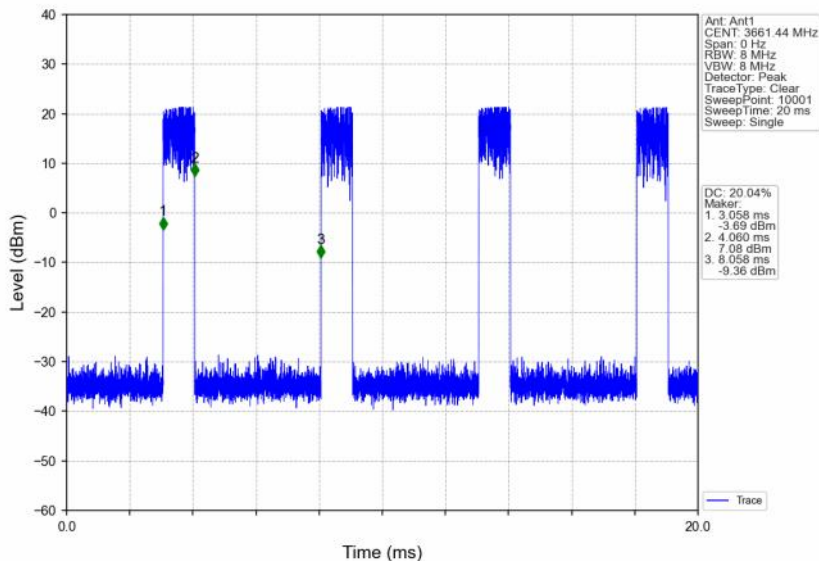


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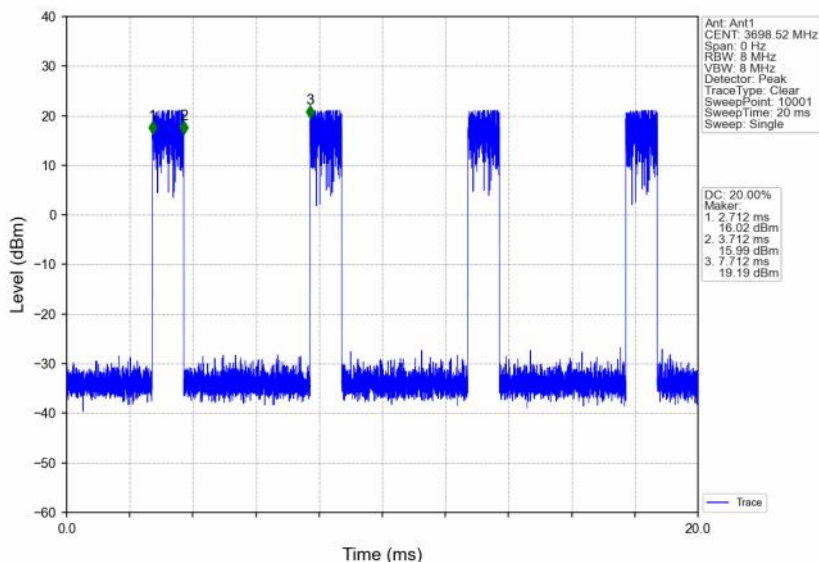
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3679.98MHz_Inner_1RB_Left



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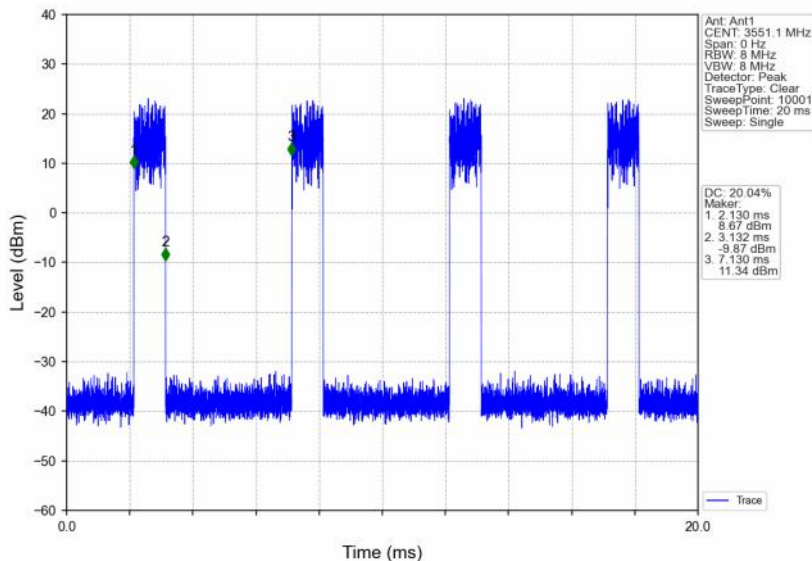


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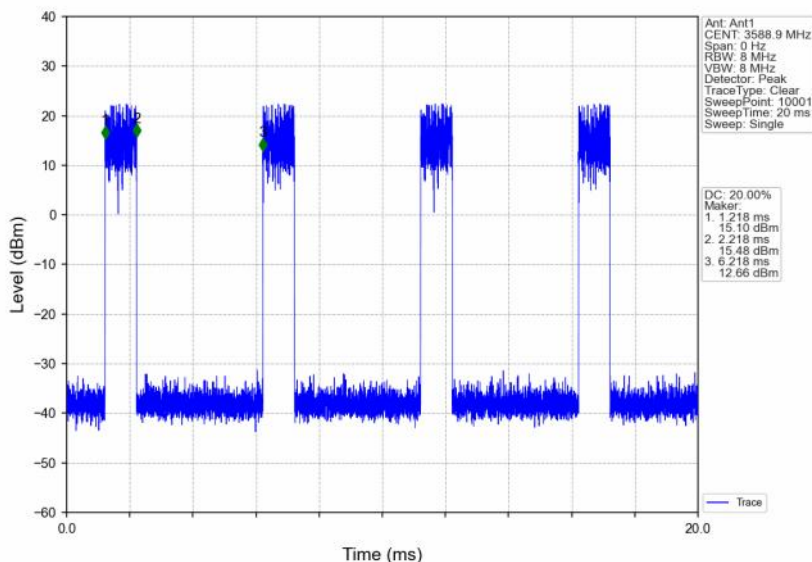
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3570MHz_Edge_1RB_Left



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3570MHz_Edge_1RB_Right

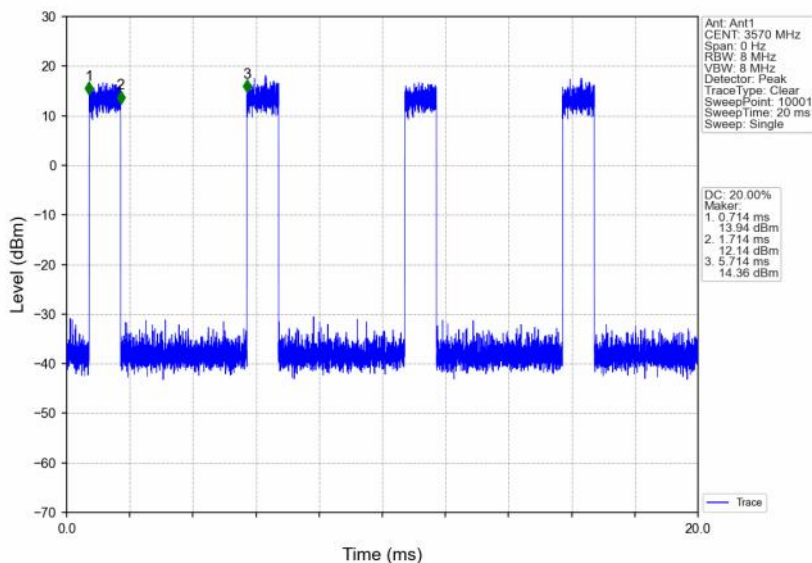


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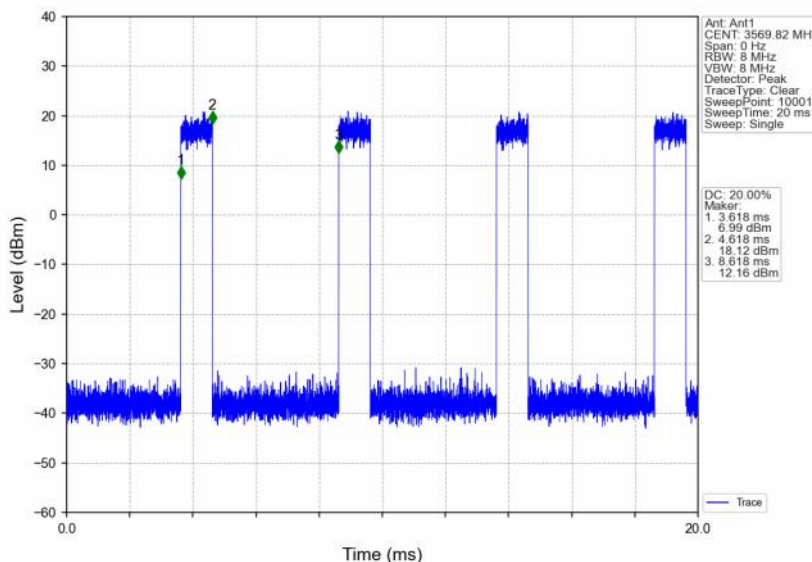
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_16 QAM_3570MHz_Outer_Full



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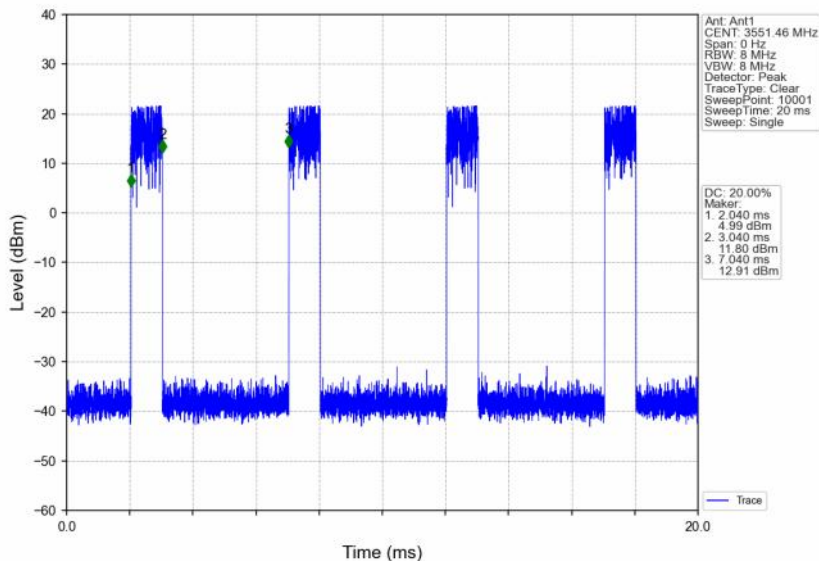


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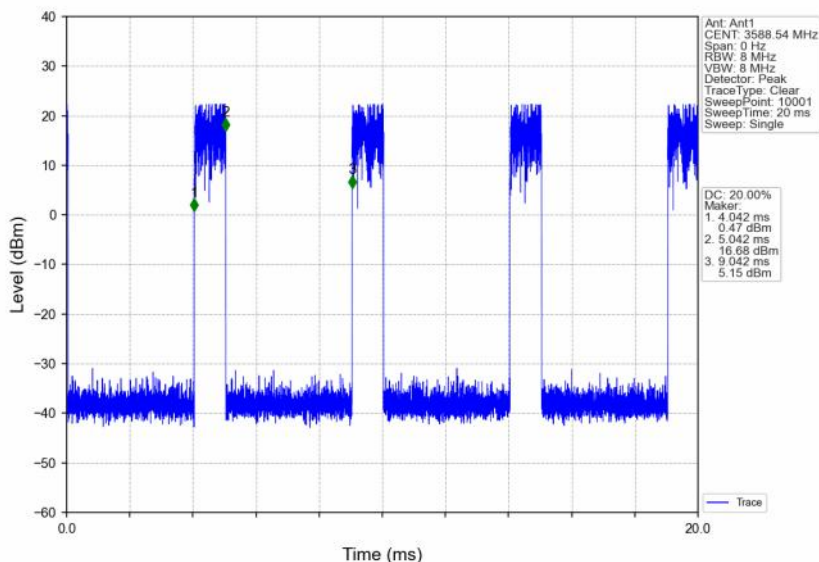
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n48_30kHz_SISO_NTV_40MHz_CP-OFDM 16 QAM_3570MHz_Inner_1RB_Left



n48_30kHz_SISO_NTV_40MHz_CP-OFDM 16 QAM_3570MHz_Inner_1RB_Right

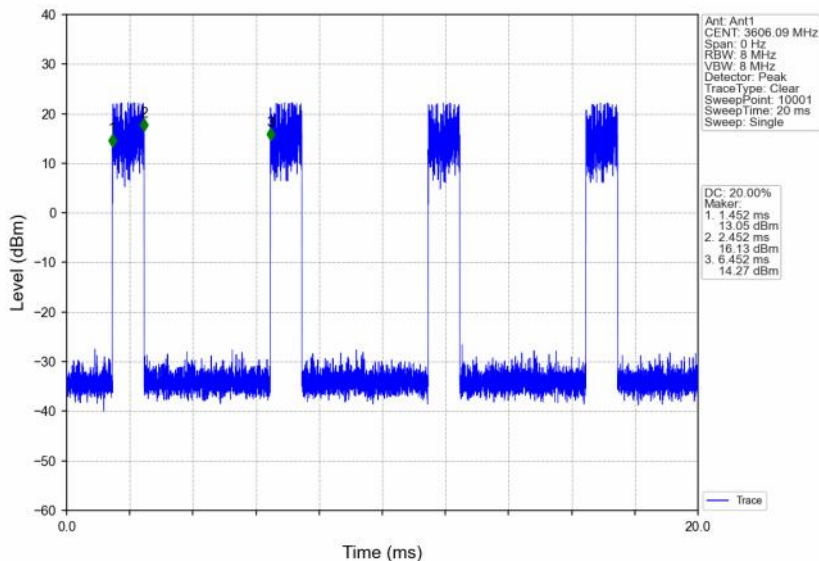


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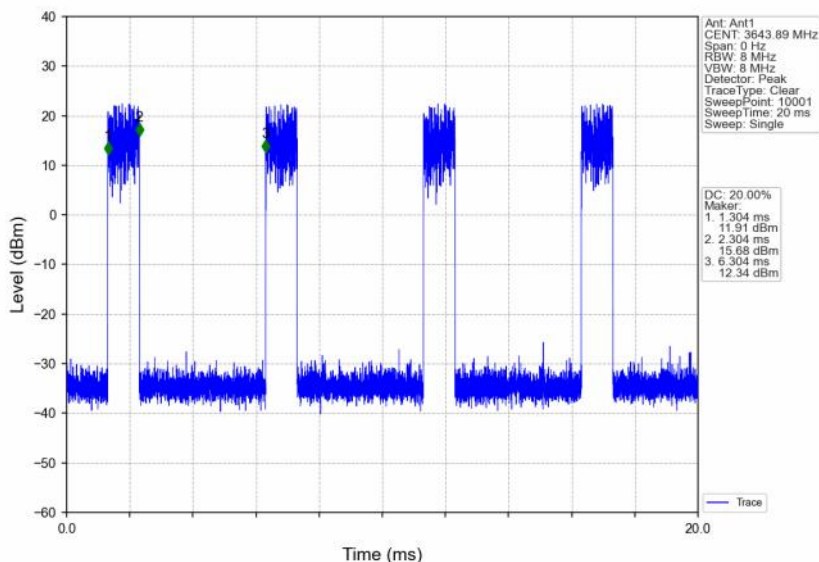
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3624.99MHz_Edge_1RB_Left



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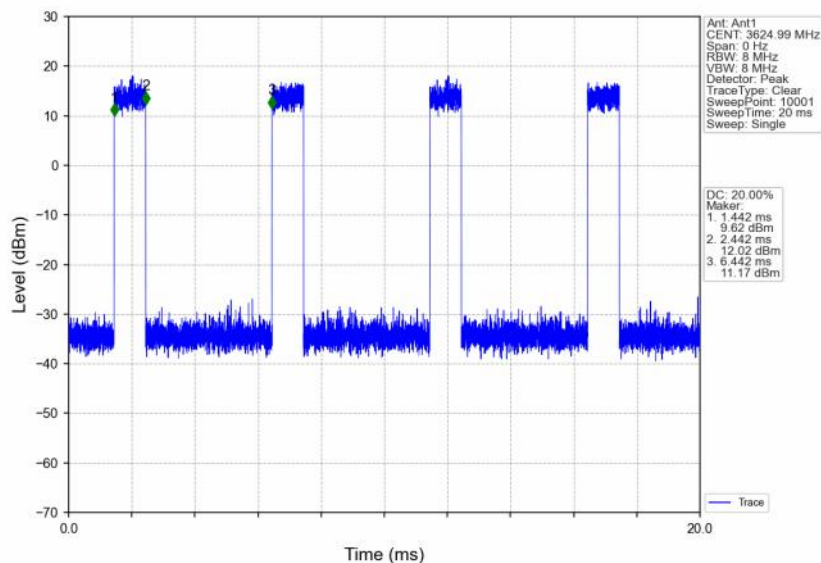


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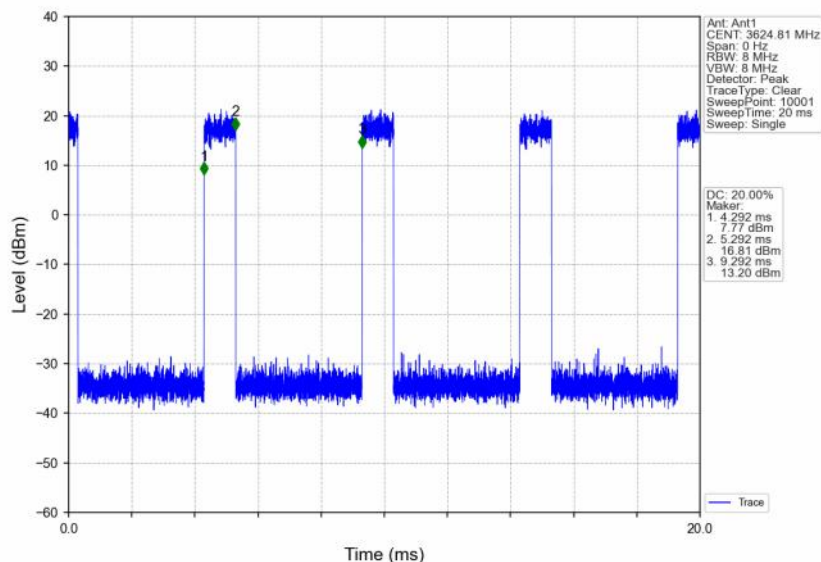
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3624.99MHz_Inner_Full

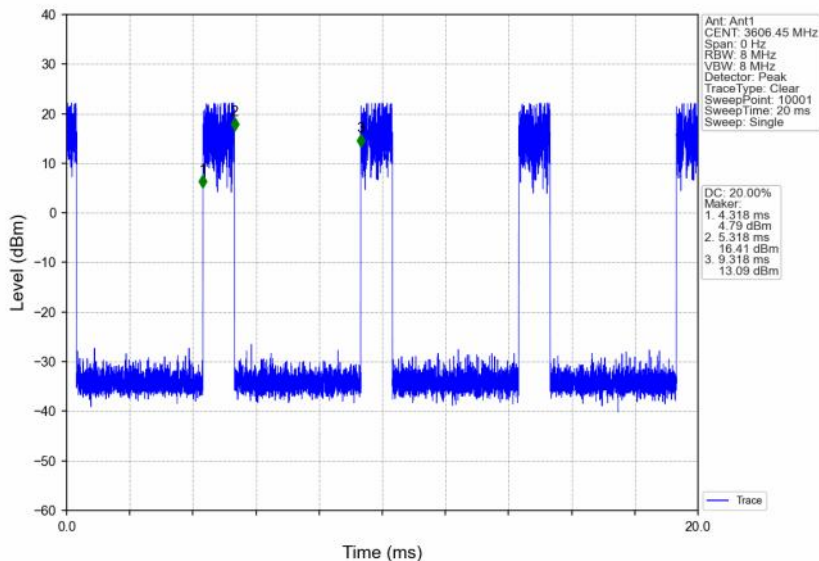


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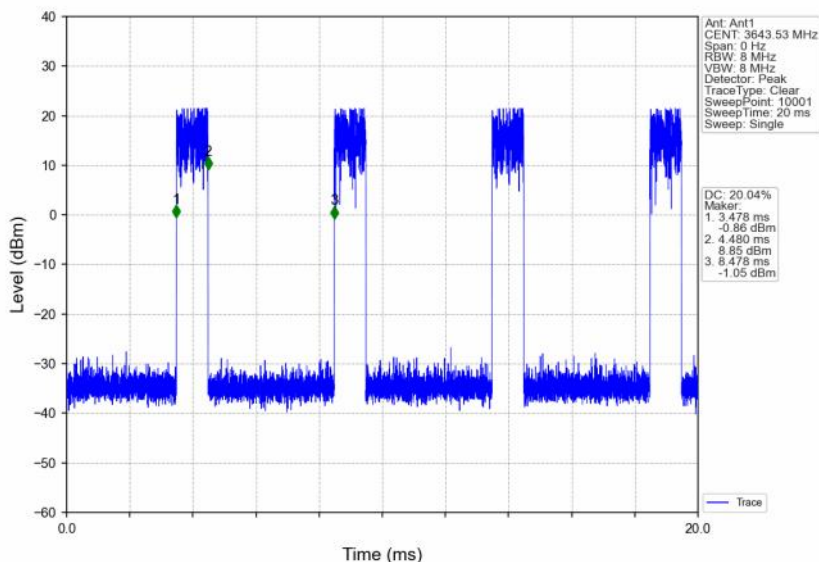
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3624.99MHz_Inner_1RB_Left



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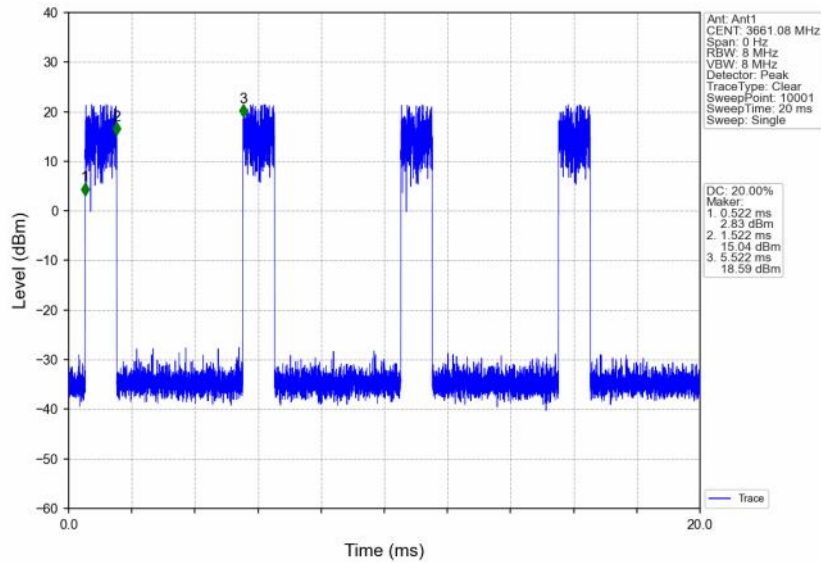


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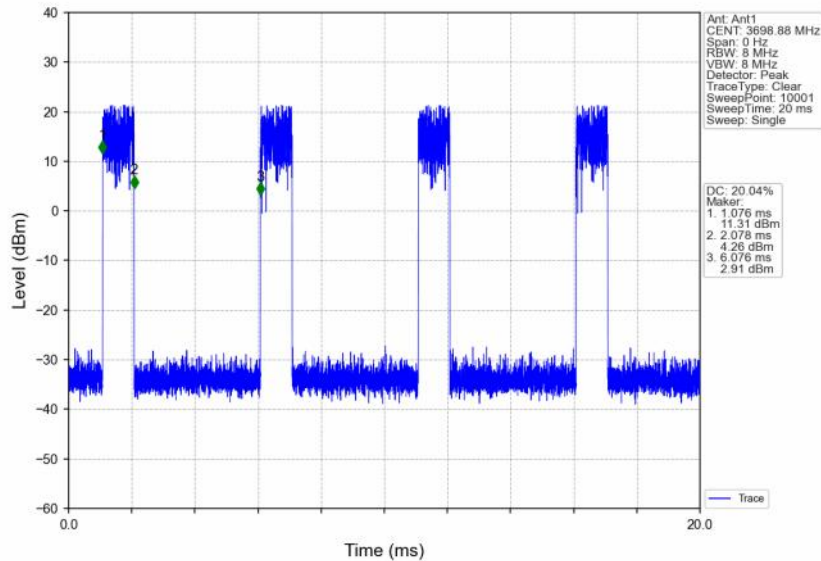
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3679.98MHz_Edge_1RB_Left



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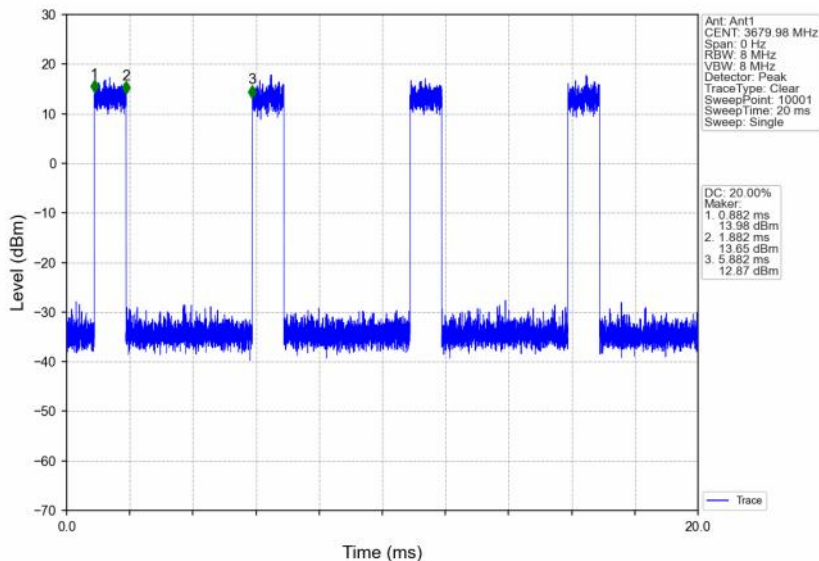


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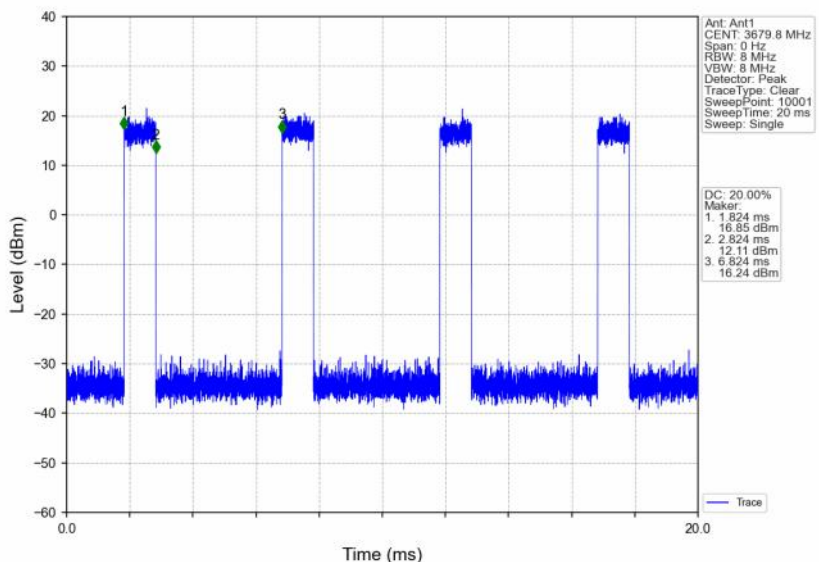
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3679.98MHz_Outer_Full



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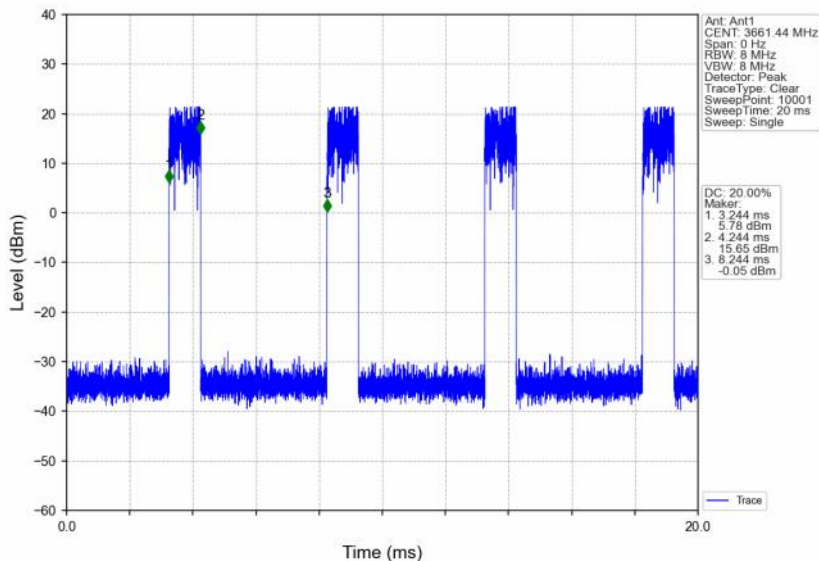


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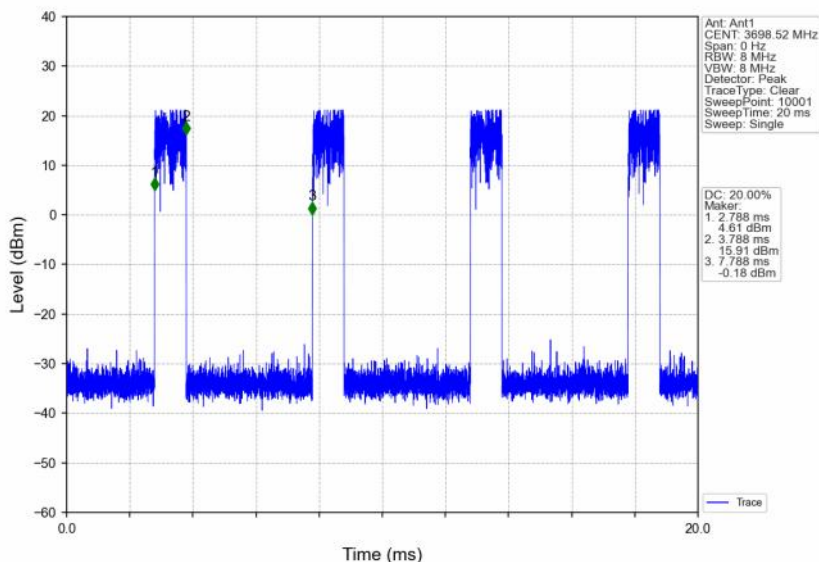
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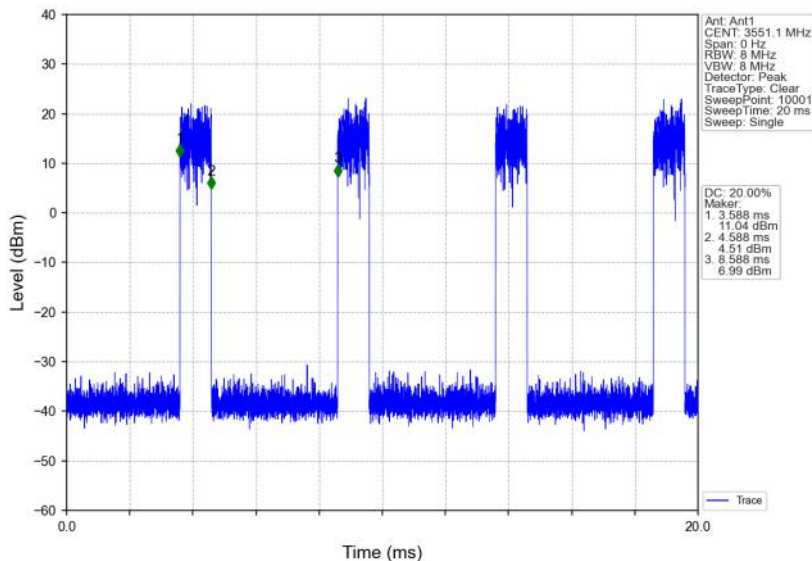


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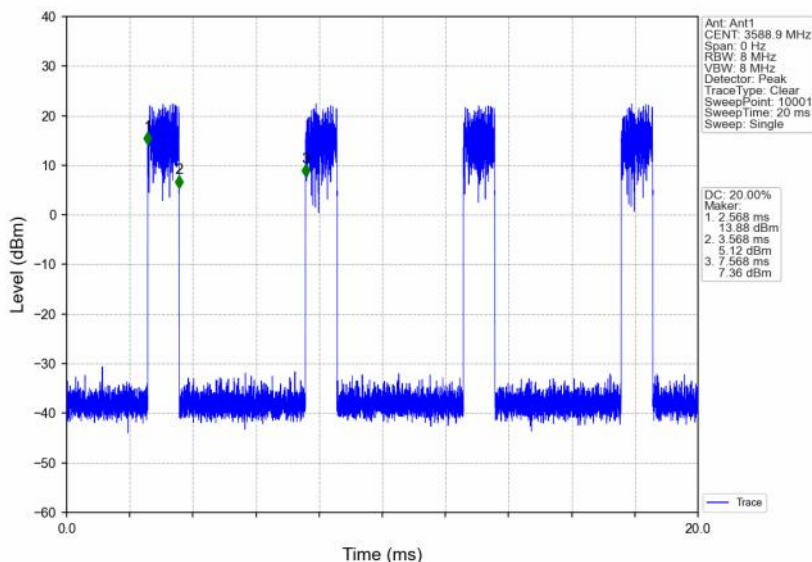
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3570MHz_Edge_1RB_Left



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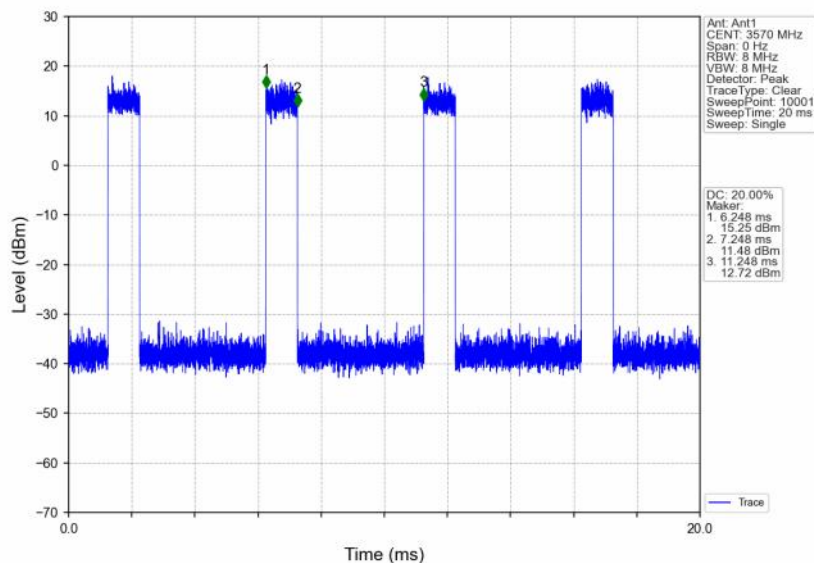


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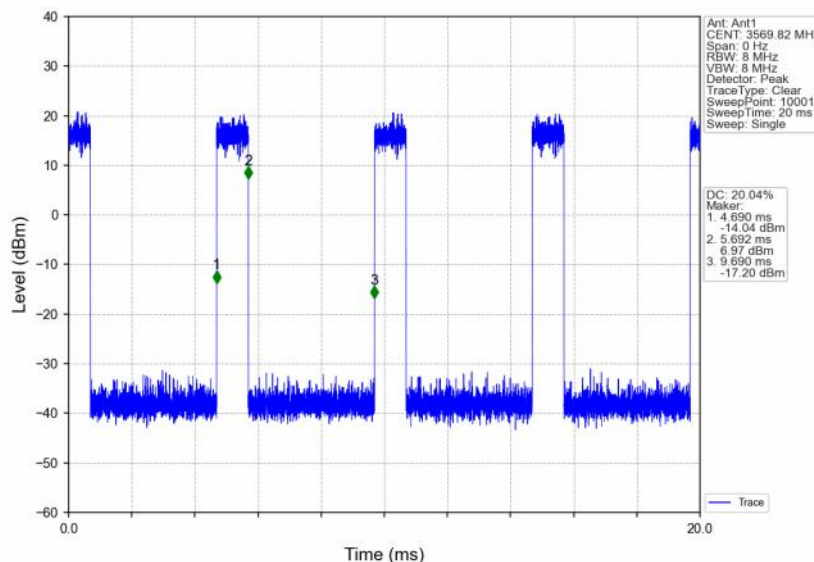
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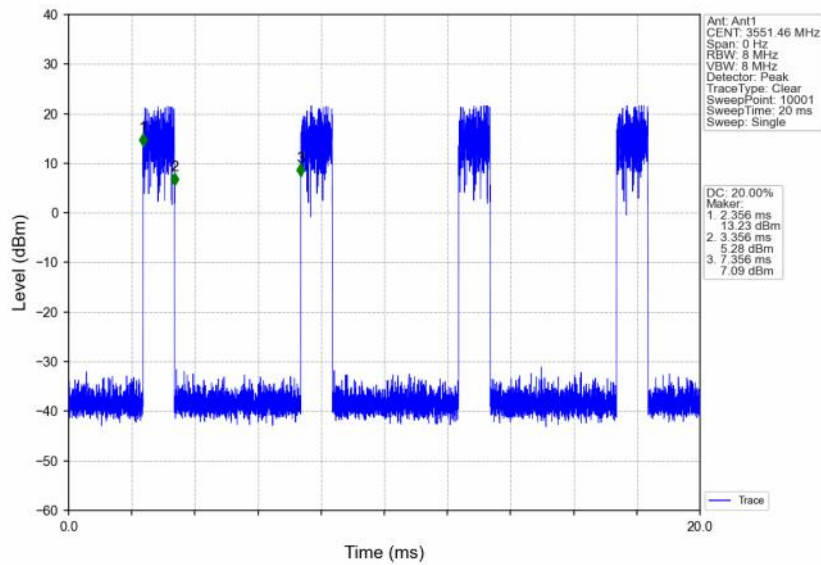


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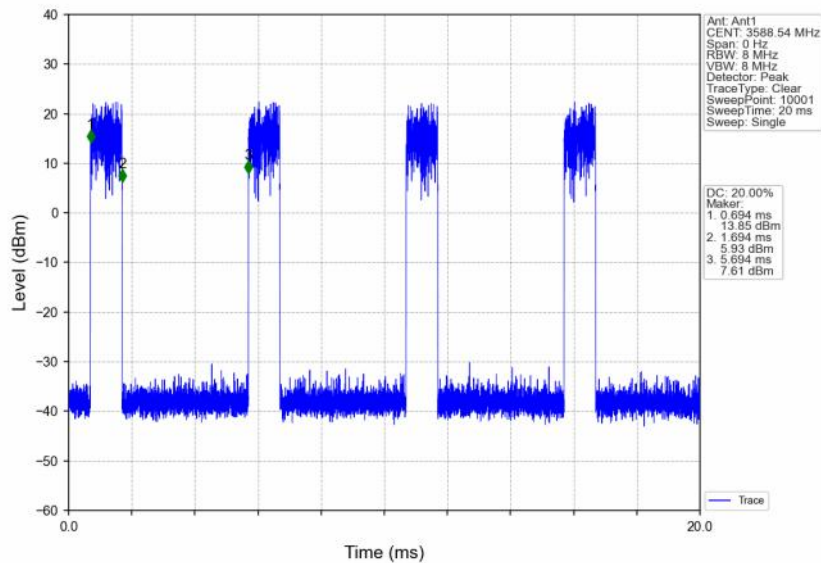
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3570MHz_Inner_1RB_Left



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3570MHz_Inner_1RB_Right

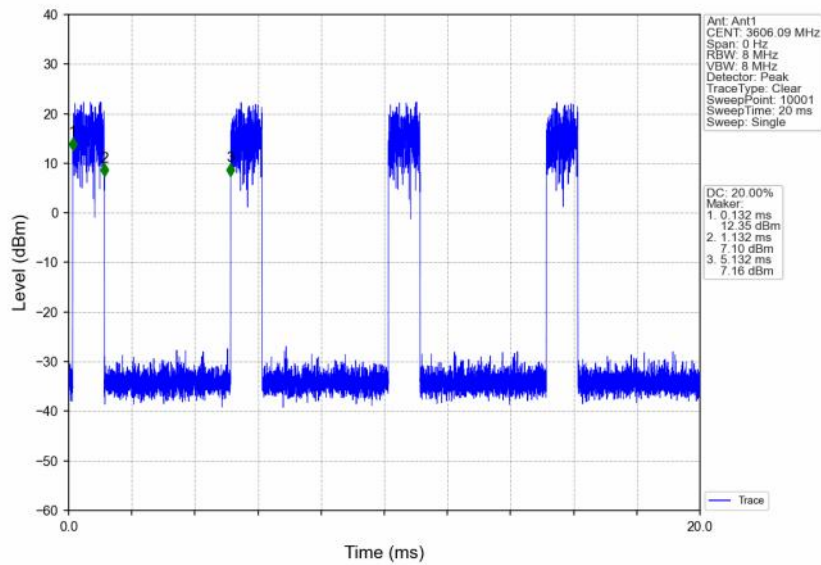


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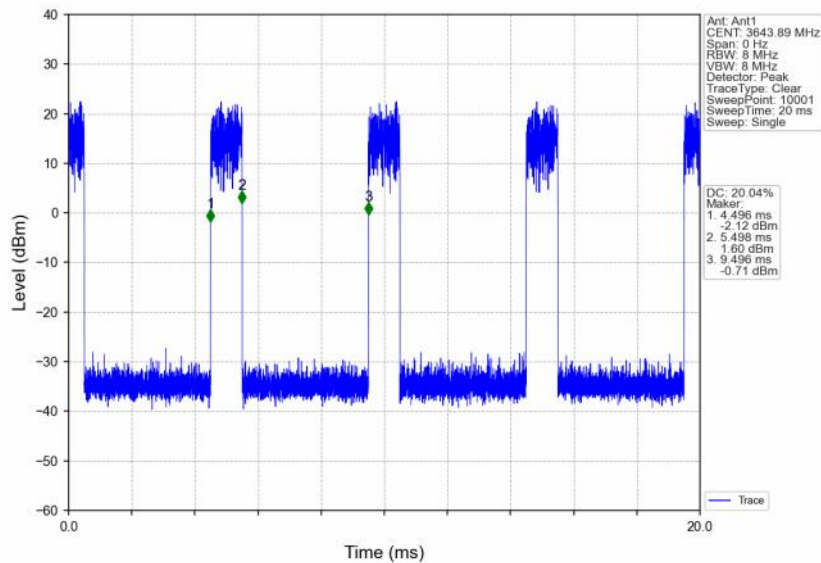
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Edge_1RB_Left



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Edge_1RB_Right

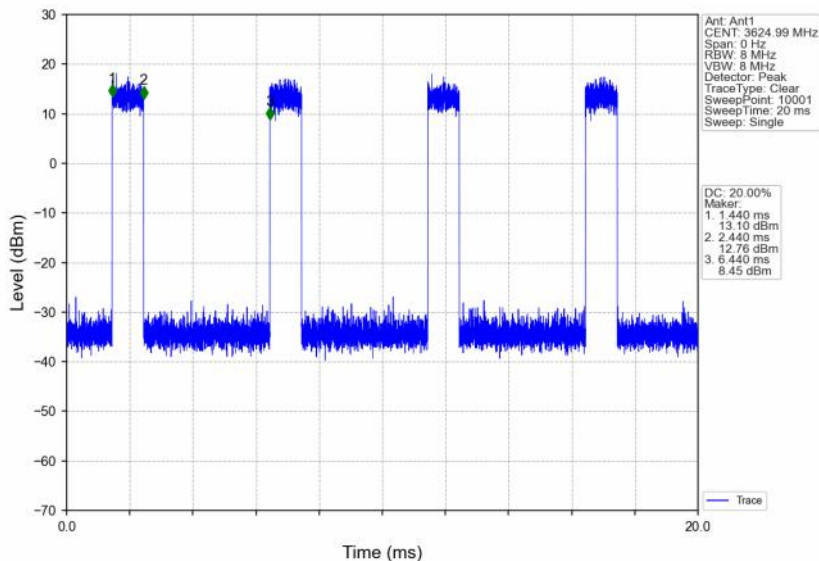


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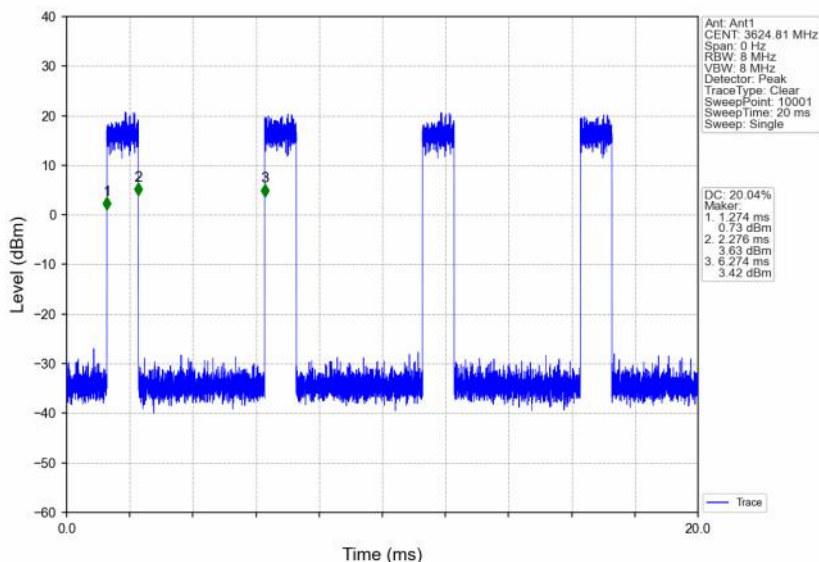
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Inner_Full

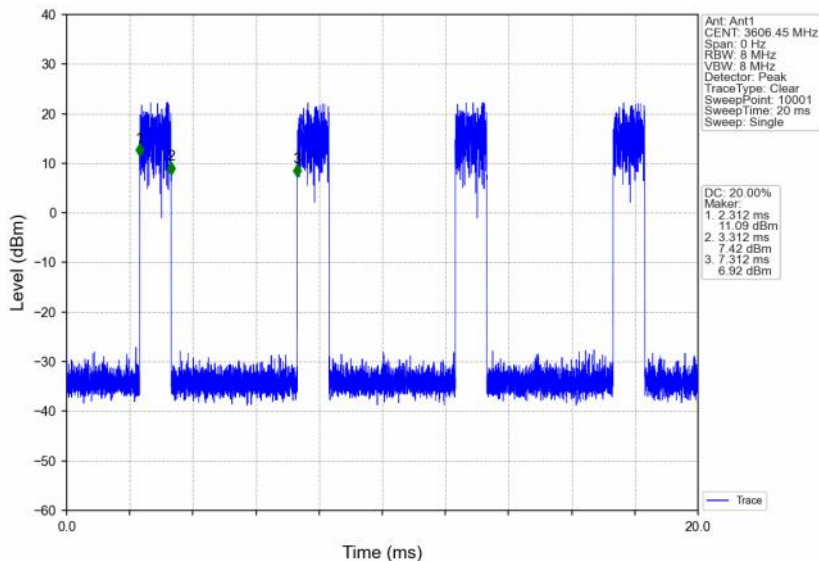


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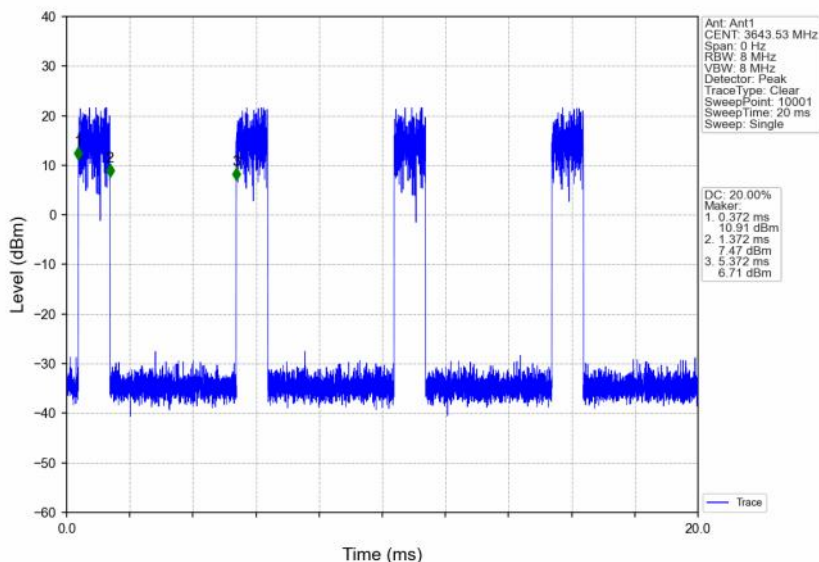
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Inner_1RB_Left



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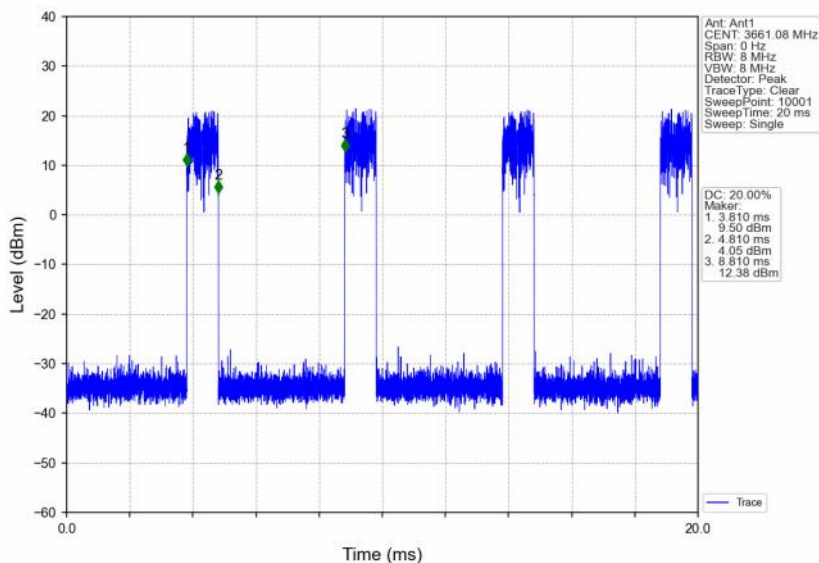


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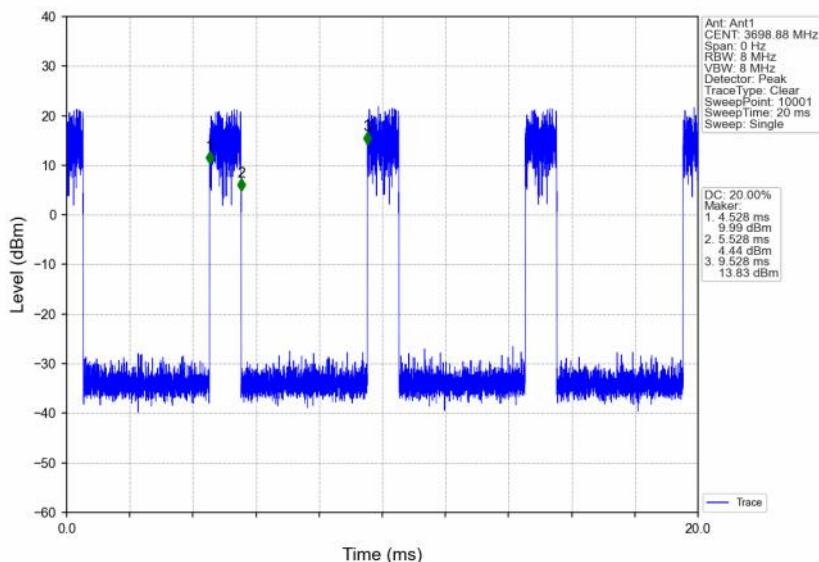
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Edge_1RB_Left



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Edge_1RB_Right

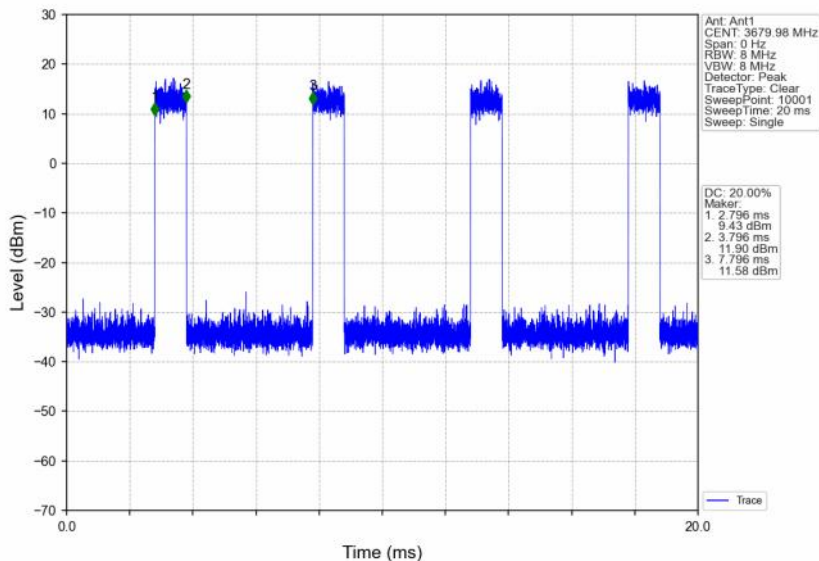


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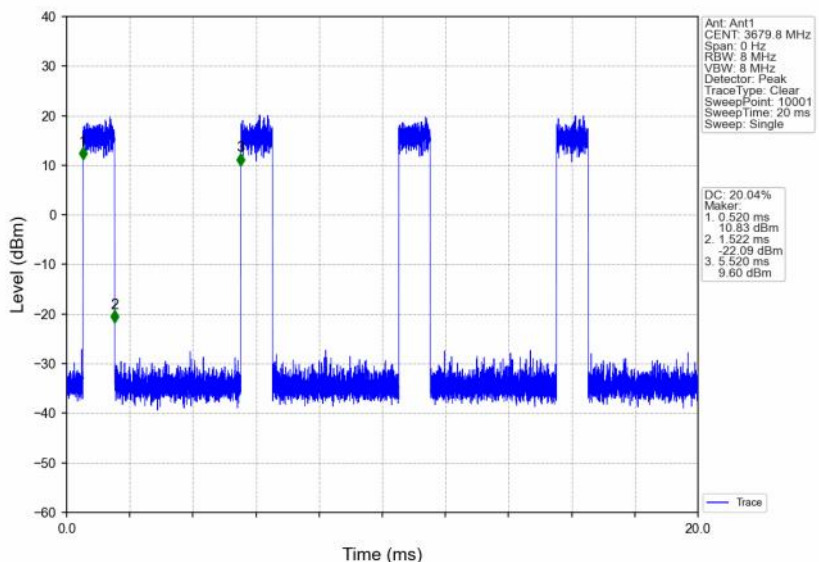
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Inner_Full

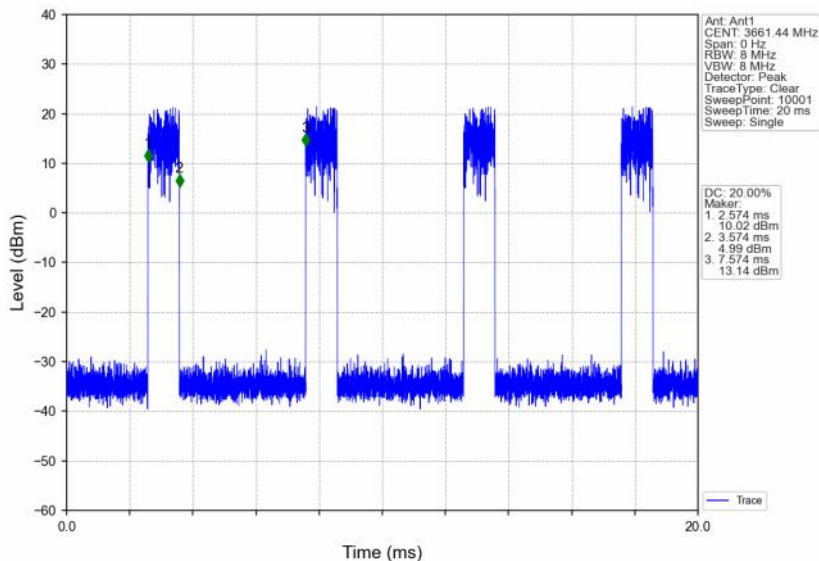


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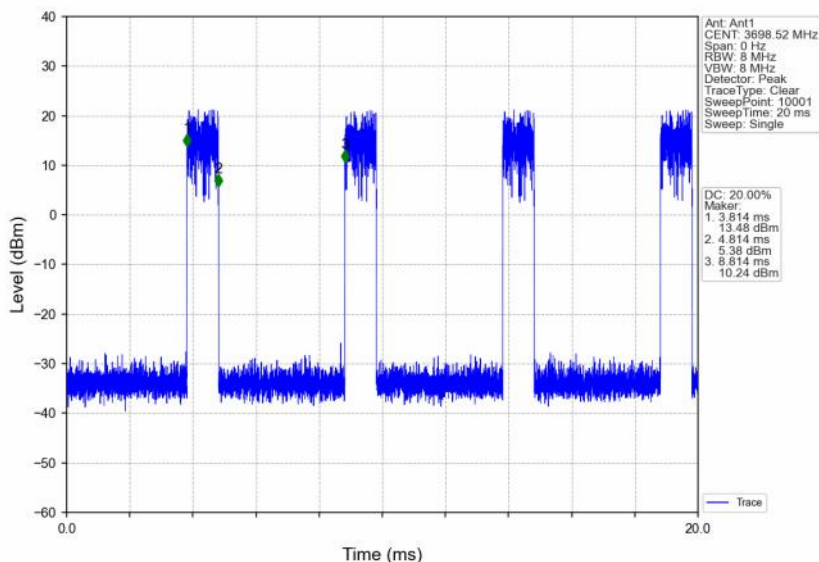
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Inner_1RB_Left



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Inner_1RB_Right

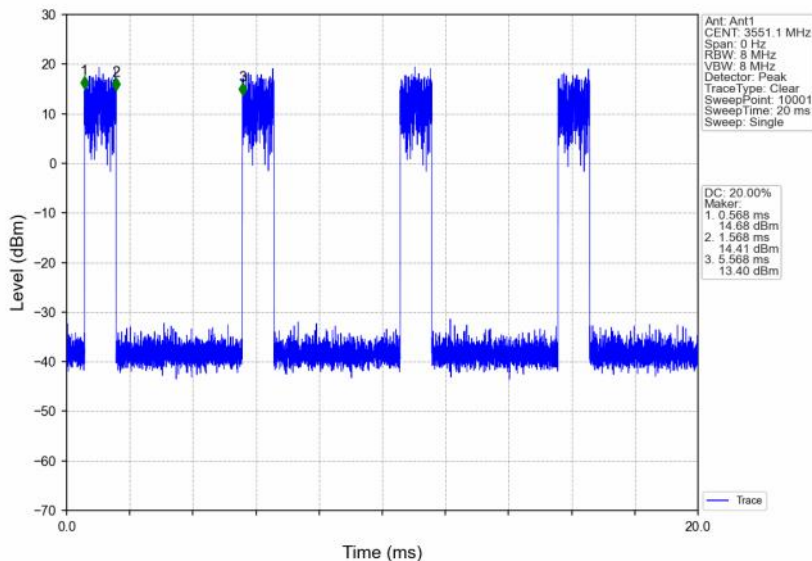


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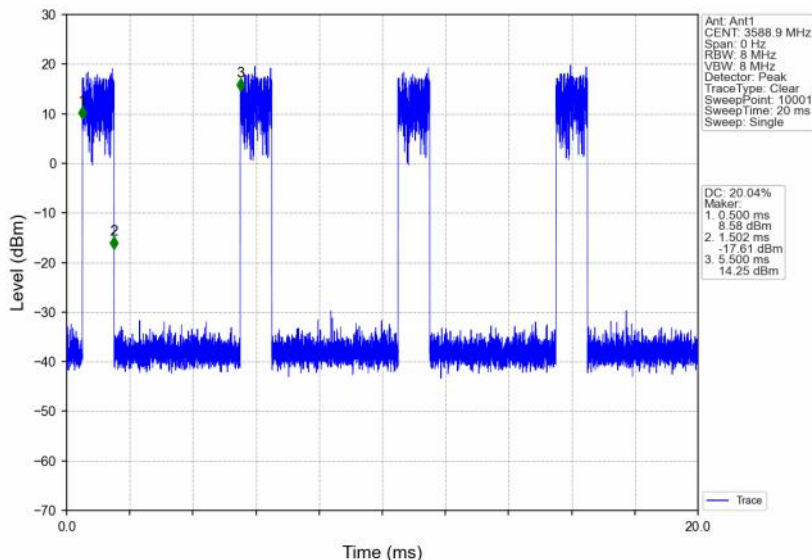
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Edge_1RB_Left



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Edge_1RB_Right

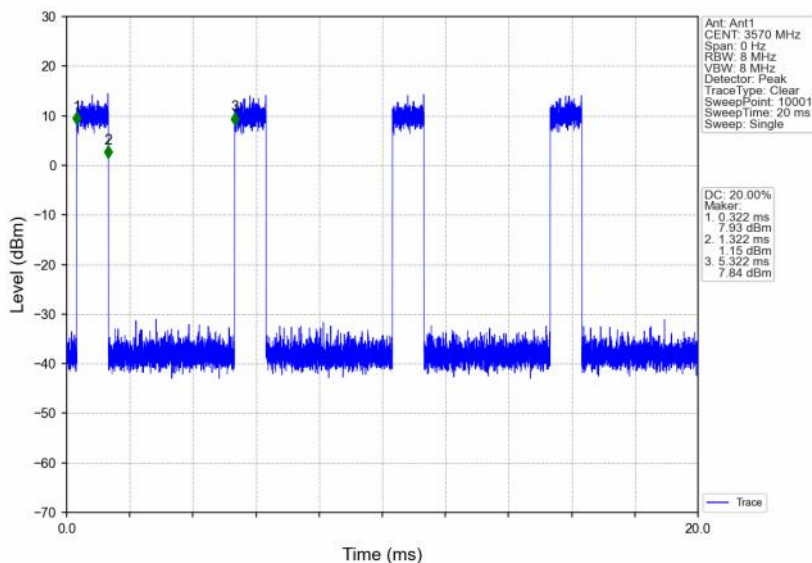


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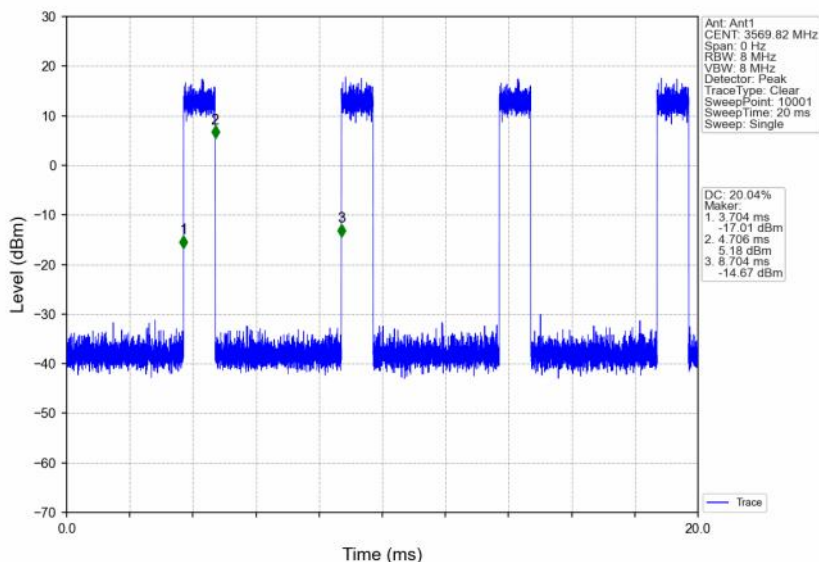
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Outer_Full



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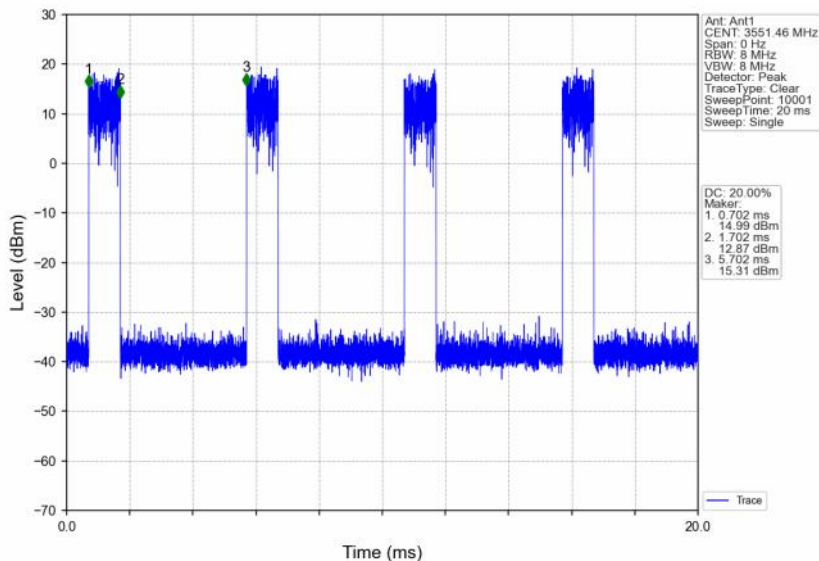


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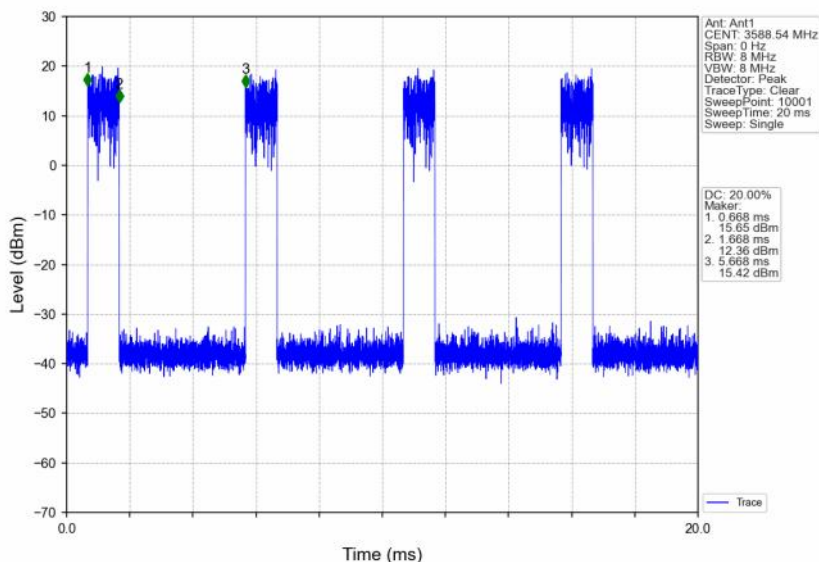
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Inner_1RB_Left



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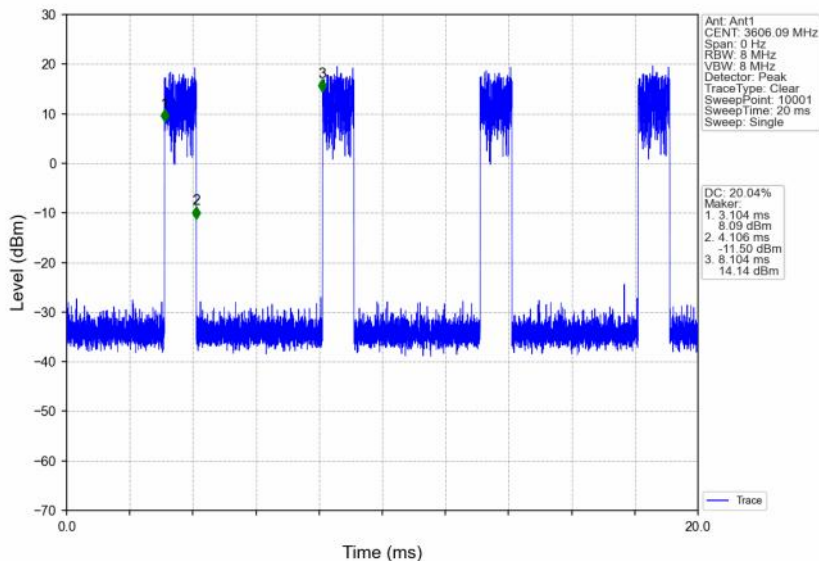


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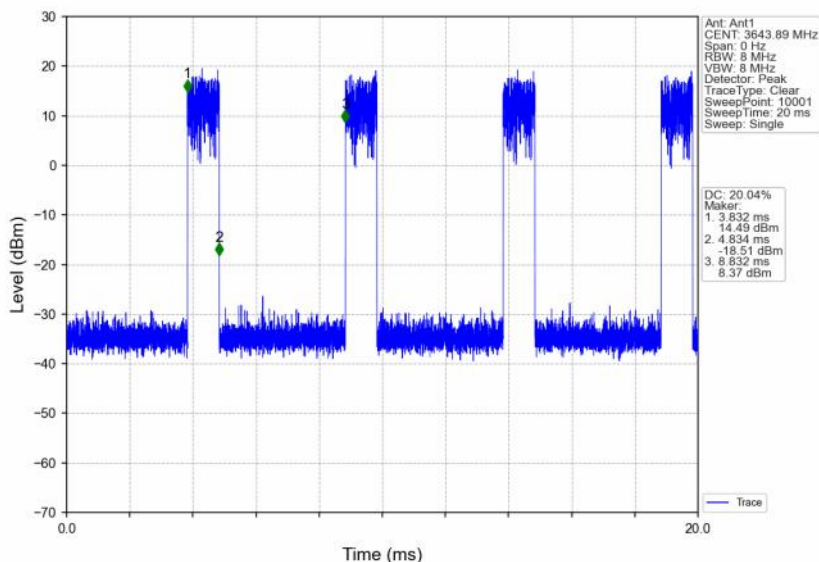
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Edge_1RB_Left



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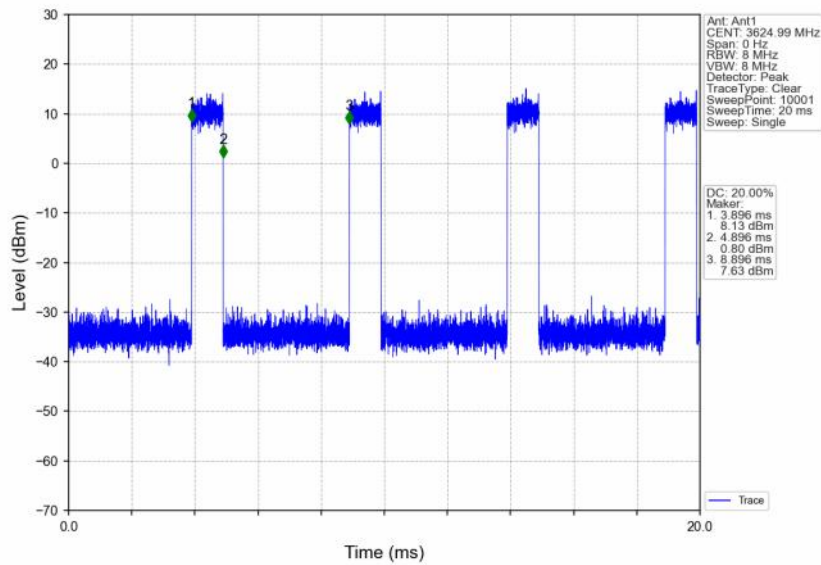


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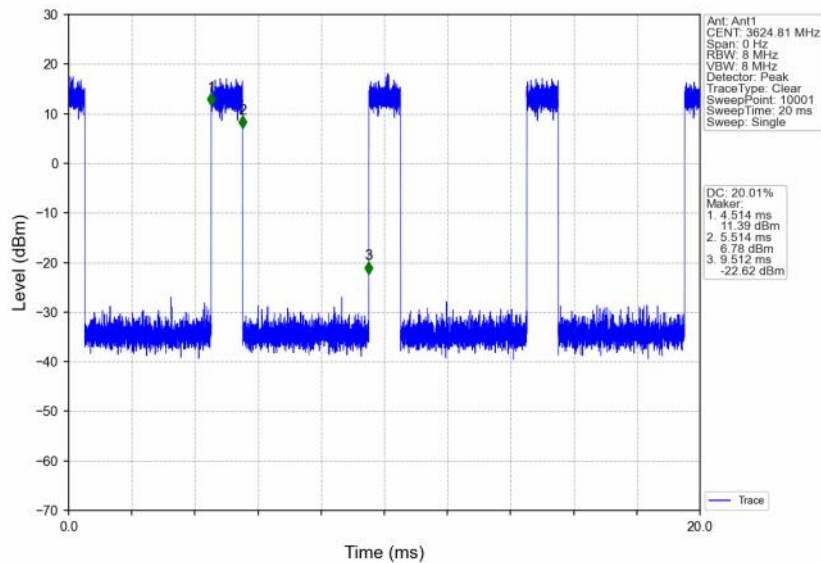
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Inner_Full

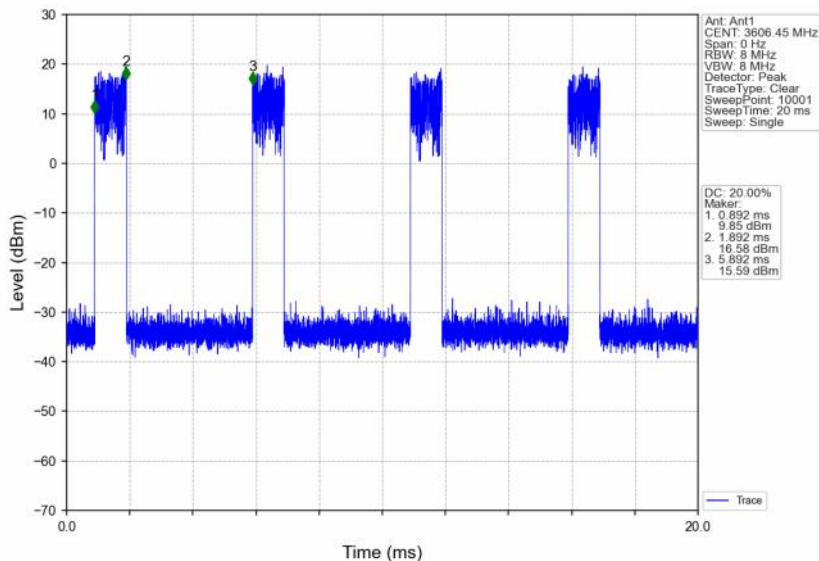


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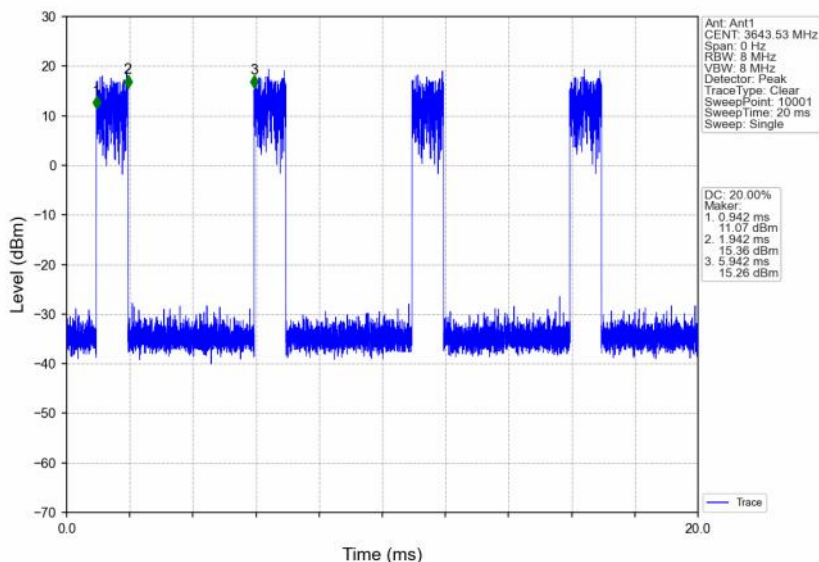
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3624.99MHz_Inner_1RB_Left



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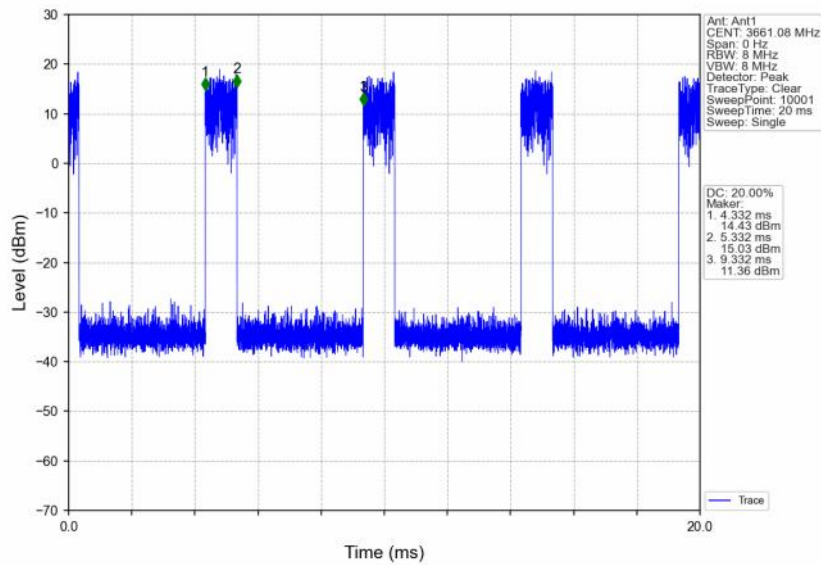


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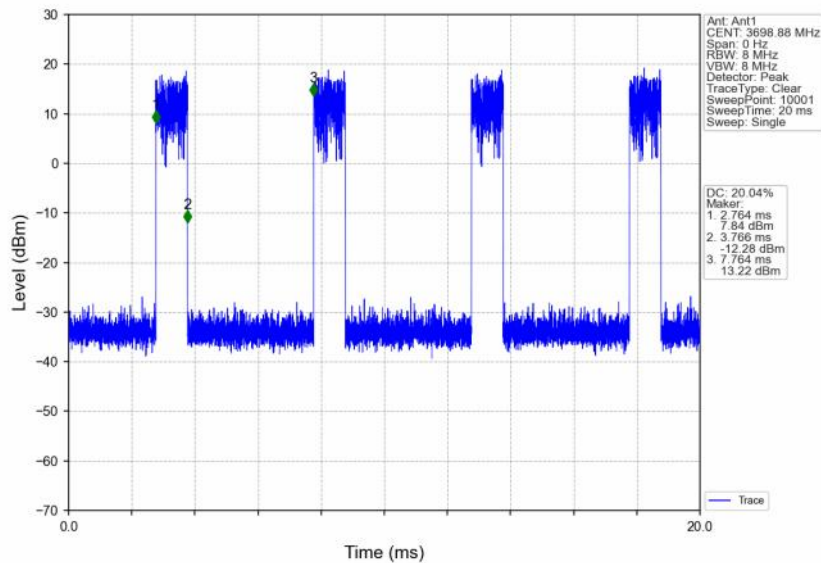
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3679.98MHz_Edge_1RB_Left



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3679.98MHz_Edge_1RB_Right

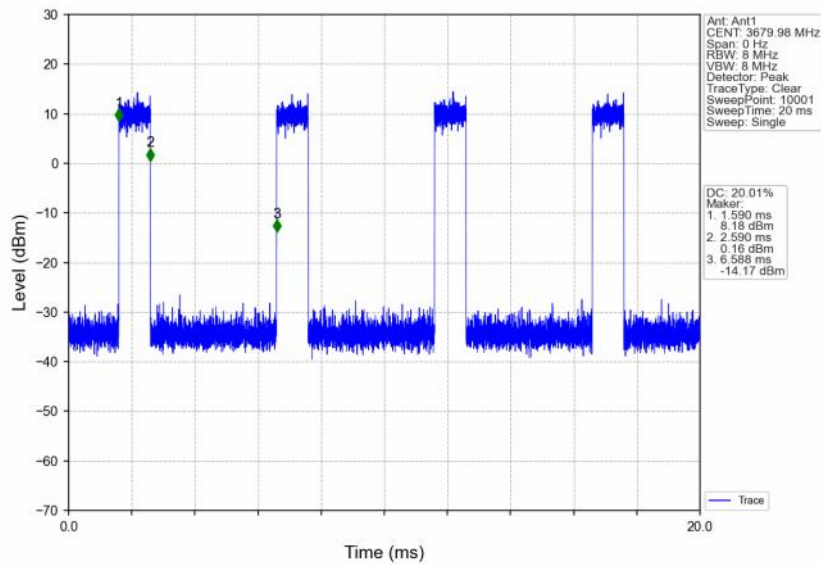


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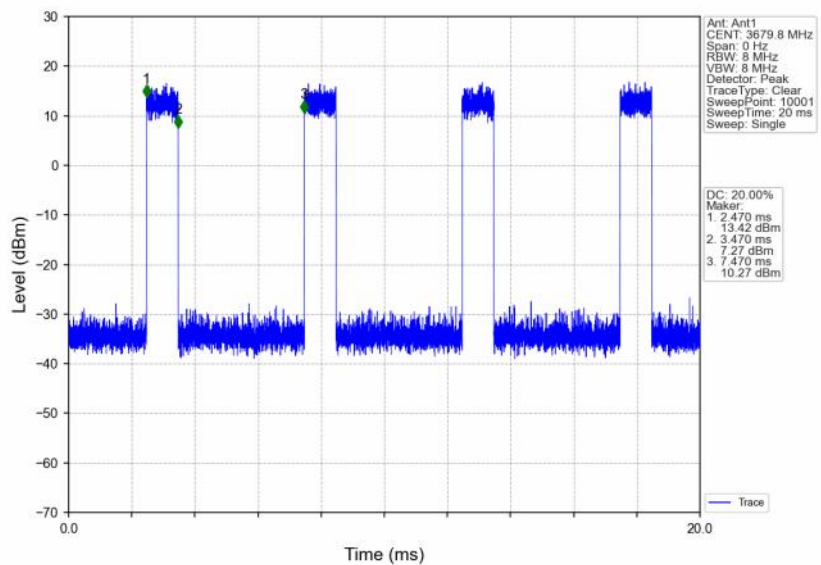
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3679.98MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3679.98MHz_Inner_Full

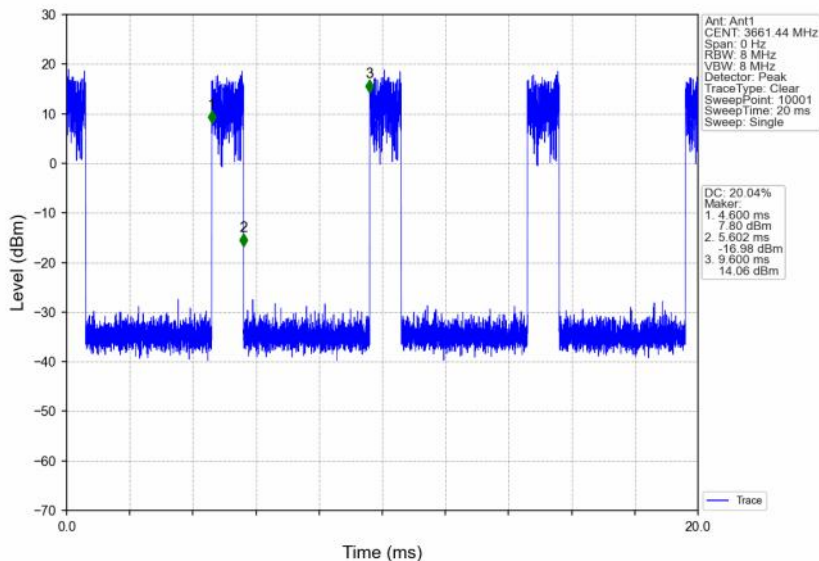


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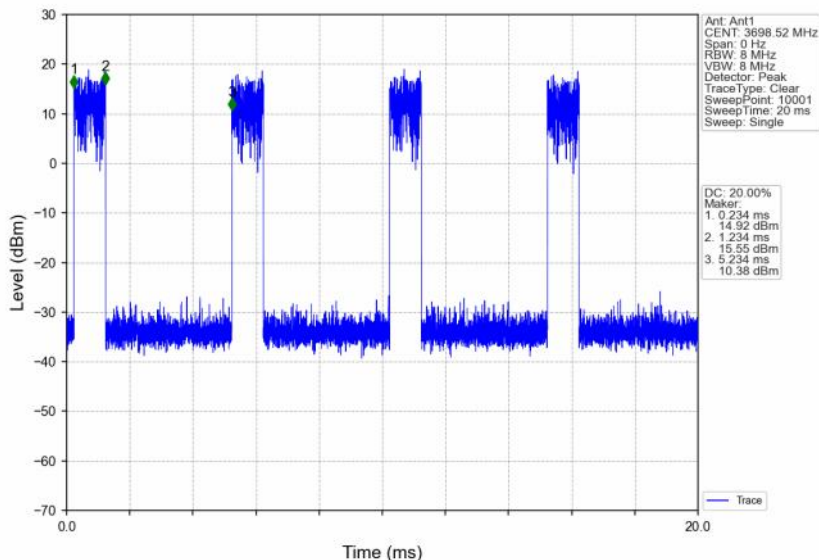
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3679.98MHz_Inner_1RB_Left



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3679.98MHz_Inner_1RB_Right



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2. Effective (Isotropic) Radiated Power Output Data

2.1 30k_SISO_10MHz_NTNV_EIRP

2.1.1 Test Result

5G NR n48 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Edge_1RB_Left	15.74	/	/	18.84	/	/	<=23	Pass
		Edge_1RB_Right	15.68	/	/	18.78	/	/	<=23	Pass
		Outer_Full	15.79	/	/	18.89	/	/	<=23	Pass
		Inner_Full	16.21	/	/	19.31	/	/	<=23	Pass
		Inner_1RB_Left	16.14	/	/	19.24	/	/	<=23	Pass
	Inner_1RB_Right	16.21	/	/	19.31	/	/	<=23	Pass	
	3624.99	Edge_1RB_Left	16.14	/	/	19.24	/	/	<=23	Pass
		Edge_1RB_Right	15.97	/	/	19.07	/	/	<=23	Pass
		Outer_Full	16.05	/	/	19.15	/	/	<=23	Pass
		Inner_Full	16.51	/	/	19.61	/	/	<=23	Pass
		Inner_1RB_Left	16.54	/	/	19.64	/	/	<=23	Pass
	Inner_1RB_Right	16.49	/	/	19.59	/	/	<=23	Pass	
	3694.98	Edge_1RB_Left	15.45	/	/	18.55	/	/	<=23	Pass
		Edge_1RB_Right	15.35	/	/	18.45	/	/	<=23	Pass
		Outer_Full	15.36	/	/	18.46	/	/	<=23	Pass
Inner_Full		15.99	/	/	19.09	/	/	<=23	Pass	
Inner_1RB_Left		15.84	/	/	18.94	/	/	<=23	Pass	
Inner_1RB_Right	15.97	/	/	19.07	/	/	<=23	Pass		
DFT-s-OFDM QPSK	3555	Edge_1RB_Left	15.19	/	/	18.29	/	/	<=23	Pass
		Edge_1RB_Right	15.22	/	/	18.32	/	/	<=23	Pass
		Outer_Full	15.26	/	/	18.36	/	/	<=23	Pass
		Inner_Full	16.18	/	/	19.28	/	/	<=23	Pass
		Inner_1RB_Left	16.11	/	/	19.21	/	/	<=23	Pass
	Inner_1RB_Right	16.17	/	/	19.27	/	/	<=23	Pass	
	3624.99	Edge_1RB_Left	15.57	/	/	18.67	/	/	<=23	Pass
		Edge_1RB_Right	15.32	/	/	18.42	/	/	<=23	Pass
		Outer_Full	15.56	/	/	18.66	/	/	<=23	Pass
		Inner_Full	16.41	/	/	19.51	/	/	<=23	Pass
		Inner_1RB_Left	16.61	/	/	19.71	/	/	<=23	Pass
	Inner_1RB_Right	16.47	/	/	19.57	/	/	<=23	Pass	
	3694.98	Edge_1RB_Left	14.77	/	/	17.87	/	/	<=23	Pass
		Edge_1RB_Right	14.81	/	/	17.91	/	/	<=23	Pass
		Outer_Full	14.99	/	/	18.09	/	/	<=23	Pass
Inner_Full		16.00	/	/	19.10	/	/	<=23	Pass	
Inner_1RB_Left		15.89	/	/	18.99	/	/	<=23	Pass	
Inner_1RB_Right	15.92	/	/	19.02	/	/	<=23	Pass		
DFT-s-OFDM 16 QAM	3555	Edge_1RB_Left	14.12	/	/	17.22	/	/	<=23	Pass
		Edge_1RB_Right	14.25	/	/	17.35	/	/	<=23	Pass
		Outer_Full	14.31	/	/	17.41	/	/	<=23	Pass
		Inner_Full	15.22	/	/	18.32	/	/	<=23	Pass
		Inner_1RB_Left	15.25	/	/	18.35	/	/	<=23	Pass



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	3624.99	Inner_1RB_Right	15.35	/	/	18.45	/	/	<=23	Pass
		Edge_1RB_Left	14.53	/	/	17.63	/	/	<=23	Pass
		Edge_1RB_Right	14.44	/	/	17.54	/	/	<=23	Pass
		Outer_Full	14.56	/	/	17.66	/	/	<=23	Pass
		Inner_Full	15.54	/	/	18.64	/	/	<=23	Pass
		Inner_1RB_Left	15.63	/	/	18.73	/	/	<=23	Pass
	3694.98	Inner_1RB_Right	15.72	/	/	18.82	/	/	<=23	Pass
		Edge_1RB_Left	13.85	/	/	16.95	/	/	<=23	Pass
		Edge_1RB_Right	13.99	/	/	17.09	/	/	<=23	Pass
		Outer_Full	13.87	/	/	16.97	/	/	<=23	Pass
		Inner_Full	14.95	/	/	18.05	/	/	<=23	Pass
		Inner_1RB_Left	15.06	/	/	18.16	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3555	Inner_1RB_Right	14.96	/	/	18.06	/	/	<=23	Pass
		Edge_1RB_Left	13.50	/	/	16.60	/	/	<=23	Pass
		Edge_1RB_Right	13.73	/	/	16.83	/	/	<=23	Pass
		Outer_Full	13.66	/	/	16.76	/	/	<=23	Pass
		Inner_Full	13.69	/	/	16.79	/	/	<=23	Pass
		Inner_1RB_Left	13.55	/	/	16.65	/	/	<=23	Pass
	3624.99	Inner_1RB_Right	13.69	/	/	16.79	/	/	<=23	Pass
		Edge_1RB_Left	14.07	/	/	17.17	/	/	<=23	Pass
		Edge_1RB_Right	13.88	/	/	16.98	/	/	<=23	Pass
		Outer_Full	14.00	/	/	17.10	/	/	<=23	Pass
		Inner_Full	14.09	/	/	17.19	/	/	<=23	Pass
		Inner_1RB_Left	14.14	/	/	17.24	/	/	<=23	Pass
	3694.98	Inner_1RB_Right	14.07	/	/	17.17	/	/	<=23	Pass
		Edge_1RB_Left	13.41	/	/	16.51	/	/	<=23	Pass
		Edge_1RB_Right	13.27	/	/	16.37	/	/	<=23	Pass
		Outer_Full	13.46	/	/	16.56	/	/	<=23	Pass
		Inner_Full	13.36	/	/	16.46	/	/	<=23	Pass
		Inner_1RB_Left	13.43	/	/	16.53	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3555	Inner_1RB_Right	13.24	/	/	16.34	/	/	<=23	Pass
		Edge_1RB_Left	11.89	/	/	14.99	/	/	<=23	Pass
		Edge_1RB_Right	11.89	/	/	14.99	/	/	<=23	Pass
		Outer_Full	11.92	/	/	15.02	/	/	<=23	Pass
		Inner_Full	11.91	/	/	15.01	/	/	<=23	Pass
		Inner_1RB_Left	11.85	/	/	14.95	/	/	<=23	Pass
	3624.99	Inner_1RB_Right	11.96	/	/	15.06	/	/	<=23	Pass
		Edge_1RB_Left	12.24	/	/	15.34	/	/	<=23	Pass
		Edge_1RB_Right	12.27	/	/	15.37	/	/	<=23	Pass
		Outer_Full	12.43	/	/	15.53	/	/	<=23	Pass
		Inner_Full	12.31	/	/	15.41	/	/	<=23	Pass
		Inner_1RB_Left	12.28	/	/	15.38	/	/	<=23	Pass
	3694.98	Inner_1RB_Right	12.30	/	/	15.40	/	/	<=23	Pass
		Edge_1RB_Left	11.47	/	/	14.57	/	/	<=23	Pass
		Edge_1RB_Right	11.49	/	/	14.59	/	/	<=23	Pass
		Outer_Full	11.66	/	/	14.76	/	/	<=23	Pass
		Inner_Full	11.75	/	/	14.85	/	/	<=23	Pass
		Inner_1RB_Left	11.46	/	/	14.56	/	/	<=23	Pass
CP-OFDM QPSK	3555	Inner_1RB_Right	11.52	/	/	14.62	/	/	<=23	Pass
		Edge_1RB_Left	13.44	/	/	16.54	/	/	<=23	Pass
		Edge_1RB_Right	13.52	/	/	16.62	/	/	<=23	Pass
		Outer_Full	13.46	/	/	16.56	/	/	<=23	Pass
		Inner_Full	14.60	/	/	17.70	/	/	<=23	Pass
		Inner_1RB_Left	14.70	/	/	17.80	/	/	<=23	Pass



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	3624.99	Inner_1RB_Right	14.61	/	/	17.71	/	/	<=23	Pass
		Edge_1RB_Left	13.97	/	/	17.07	/	/	<=23	Pass
		Edge_1RB_Right	13.87	/	/	16.97	/	/	<=23	Pass
		Outer_Full	13.96	/	/	17.06	/	/	<=23	Pass
		Inner_Full	15.03	/	/	18.13	/	/	<=23	Pass
		Inner_1RB_Left	15.06	/	/	18.16	/	/	<=23	Pass
		Inner_1RB_Right	14.96	/	/	18.06	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	13.28	/	/	16.38	/	/	<=23	Pass
		Edge_1RB_Right	13.25	/	/	16.35	/	/	<=23	Pass
		Outer_Full	13.17	/	/	16.27	/	/	<=23	Pass
		Inner_Full	14.45	/	/	17.55	/	/	<=23	Pass
		Inner_1RB_Left	14.50	/	/	17.60	/	/	<=23	Pass
		Inner_1RB_Right	14.41	/	/	17.51	/	/	<=23	Pass
		CP-OFDM 16 QAM	3555	Edge_1RB_Left	13.64	/	/	16.74	/	/
Edge_1RB_Right	13.59			/	/	16.69	/	/	<=23	Pass
Outer_Full	13.50			/	/	16.60	/	/	<=23	Pass
Inner_Full	14.28			/	/	17.38	/	/	<=23	Pass
Inner_1RB_Left	14.05			/	/	17.15	/	/	<=23	Pass
Inner_1RB_Right	14.10			/	/	17.20	/	/	<=23	Pass
3624.99	Edge_1RB_Left		14.01	/	/	17.11	/	/	<=23	Pass
	Edge_1RB_Right		13.87	/	/	16.97	/	/	<=23	Pass
	Outer_Full		13.73	/	/	16.83	/	/	<=23	Pass
	Inner_Full		14.59	/	/	17.69	/	/	<=23	Pass
	Inner_1RB_Left		14.52	/	/	17.62	/	/	<=23	Pass
	Inner_1RB_Right		14.43	/	/	17.53	/	/	<=23	Pass
3694.98	Edge_1RB_Left		13.19	/	/	16.29	/	/	<=23	Pass
	Edge_1RB_Right		13.12	/	/	16.22	/	/	<=23	Pass
	Outer_Full		13.15	/	/	16.25	/	/	<=23	Pass
	Inner_Full		13.92	/	/	17.02	/	/	<=23	Pass
	Inner_1RB_Left		13.90	/	/	17.00	/	/	<=23	Pass
	Inner_1RB_Right		13.85	/	/	16.95	/	/	<=23	Pass
CP-OFDM 64 QAM	3555	Edge_1RB_Left	13.14	/	/	16.24	/	/	<=23	Pass
		Edge_1RB_Right	13.15	/	/	16.25	/	/	<=23	Pass
		Outer_Full	13.06	/	/	16.16	/	/	<=23	Pass
		Inner_Full	13.08	/	/	16.18	/	/	<=23	Pass
		Inner_1RB_Left	13.08	/	/	16.18	/	/	<=23	Pass
		Inner_1RB_Right	13.08	/	/	16.18	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	13.38	/	/	16.48	/	/	<=23	Pass
		Edge_1RB_Right	13.44	/	/	16.54	/	/	<=23	Pass
		Outer_Full	13.41	/	/	16.51	/	/	<=23	Pass
		Inner_Full	13.36	/	/	16.46	/	/	<=23	Pass
		Inner_1RB_Left	13.38	/	/	16.48	/	/	<=23	Pass
		Inner_1RB_Right	13.33	/	/	16.43	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	12.76	/	/	15.86	/	/	<=23	Pass
		Edge_1RB_Right	12.92	/	/	16.02	/	/	<=23	Pass
		Outer_Full	12.69	/	/	15.79	/	/	<=23	Pass
		Inner_Full	12.78	/	/	15.88	/	/	<=23	Pass
		Inner_1RB_Left	12.94	/	/	16.04	/	/	<=23	Pass
		Inner_1RB_Right	12.76	/	/	15.86	/	/	<=23	Pass
CP-OFDM 256 QAM	3555	Edge_1RB_Left	9.98	/	/	13.08	/	/	<=23	Pass
		Edge_1RB_Right	9.83	/	/	12.93	/	/	<=23	Pass
		Outer_Full	9.89	/	/	12.99	/	/	<=23	Pass
		Inner_Full	10.01	/	/	13.11	/	/	<=23	Pass
		Inner_1RB_Left	9.73	/	/	12.83	/	/	<=23	Pass



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	3624.99	Inner_1RB_Right	9.96	/	/	13.06	/	/	<=23	Pass
		Edge_1RB_Left	10.27	/	/	13.37	/	/	<=23	Pass
		Edge_1RB_Right	10.23	/	/	13.33	/	/	<=23	Pass
		Outer_Full	10.36	/	/	13.46	/	/	<=23	Pass
		Inner_Full	10.27	/	/	13.37	/	/	<=23	Pass
		Inner_1RB_Left	10.27	/	/	13.37	/	/	<=23	Pass
		Inner_1RB_Right	10.39	/	/	13.49	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	9.54	/	/	12.64	/	/	<=23	Pass
		Edge_1RB_Right	9.55	/	/	12.65	/	/	<=23	Pass
		Outer_Full	9.78	/	/	12.88	/	/	<=23	Pass
		Inner_Full	9.71	/	/	12.81	/	/	<=23	Pass
		Inner_1RB_Left	9.64	/	/	12.74	/	/	<=23	Pass
		Inner_1RB_Right	9.66	/	/	12.76	/	/	<=23	Pass

Note1: Antenna Gain: Ant1: 3.10dBi;
Note2: EIRP=Conducted Power+Antenna Gain

2.2 30k_SISO_10MHz_NTNV_EIRP/10MHz

2.2.1 Test Result

5G NR n48 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Edge_1RB_Left	15.66	/	/	18.76	/	/	<=23	Pass
		Edge_1RB_Right	16.00	/	/	19.10	/	/	<=23	Pass
		Outer_Full	16.06	/	/	19.16	/	/	<=23	Pass
		Inner_Full	16.62	/	/	19.72	/	/	<=23	Pass
		Inner_1RB_Left	16.10	/	/	19.20	/	/	<=23	Pass
		Inner_1RB_Right	17.09	/	/	20.19	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	16.44	/	/	19.54	/	/	<=23	Pass
		Edge_1RB_Right	14.25	/	/	17.35	/	/	<=23	Pass
		Outer_Full	17.22	/	/	20.32	/	/	<=23	Pass
		Inner_Full	16.73	/	/	19.83	/	/	<=23	Pass
		Inner_1RB_Left	15.57	/	/	18.67	/	/	<=23	Pass
		Inner_1RB_Right	17.38	/	/	20.48	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	14.93	/	/	18.03	/	/	<=23	Pass
		Edge_1RB_Right	14.65	/	/	17.75	/	/	<=23	Pass
		Outer_Full	16.81	/	/	19.91	/	/	<=23	Pass
		Inner_Full	17.55	/	/	20.65	/	/	<=23	Pass
		Inner_1RB_Left	18.76	/	/	21.86	/	/	<=23	Pass
		Inner_1RB_Right	17.64	/	/	20.74	/	/	<=23	Pass
DFT-s-OFDM QPSK	3555	Edge_1RB_Left	16.86	/	/	19.96	/	/	<=23	Pass
		Edge_1RB_Right	15.18	/	/	18.28	/	/	<=23	Pass
		Outer_Full	15.93	/	/	19.03	/	/	<=23	Pass
		Inner_Full	15.85	/	/	18.95	/	/	<=23	Pass
		Inner_1RB_Left	15.97	/	/	19.07	/	/	<=23	Pass
		Inner_1RB_Right	17.68	/	/	20.78	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	16.28	/	/	19.38	/	/	<=23	Pass
		Edge_1RB_Right	14.71	/	/	17.81	/	/	<=23	Pass
		Outer_Full	16.54	/	/	19.64	/	/	<=23	Pass
		Inner_Full	18.45	/	/	21.55	/	/	<=23	Pass
		Inner_1RB_Left	17.07	/	/	20.17	/	/	<=23	Pass



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	3694.98	Inner_1RB_Right	15.40	/	/	18.50	/	/	<=23	Pass
		Edge_1RB_Left	15.41	/	/	18.51	/	/	<=23	Pass
		Edge_1RB_Right	16.53	/	/	19.63	/	/	<=23	Pass
		Outer_Full	15.09	/	/	18.19	/	/	<=23	Pass
		Inner_Full	16.12	/	/	19.22	/	/	<=23	Pass
		Inner_1RB_Left	17.28	/	/	20.38	/	/	<=23	Pass
		Inner_1RB_Right	16.94	/	/	20.04	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3555	Edge_1RB_Left	14.62	/	/	17.72	/	/	<=23	Pass
		Edge_1RB_Right	14.63	/	/	17.73	/	/	<=23	Pass
		Outer_Full	14.50	/	/	17.60	/	/	<=23	Pass
		Inner_Full	14.69	/	/	17.79	/	/	<=23	Pass
		Inner_1RB_Left	14.45	/	/	17.55	/	/	<=23	Pass
		Inner_1RB_Right	16.21	/	/	19.31	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	15.33	/	/	18.43	/	/	<=23	Pass
		Edge_1RB_Right	15.32	/	/	18.42	/	/	<=23	Pass
		Outer_Full	16.04	/	/	19.14	/	/	<=23	Pass
		Inner_Full	16.91	/	/	20.01	/	/	<=23	Pass
		Inner_1RB_Left	15.24	/	/	18.34	/	/	<=23	Pass
		Inner_1RB_Right	15.36	/	/	18.46	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	15.29	/	/	18.39	/	/	<=23	Pass
		Edge_1RB_Right	15.10	/	/	18.20	/	/	<=23	Pass
		Outer_Full	14.73	/	/	17.83	/	/	<=23	Pass
		Inner_Full	14.15	/	/	17.25	/	/	<=23	Pass
		Inner_1RB_Left	15.63	/	/	18.73	/	/	<=23	Pass
		Inner_1RB_Right	15.78	/	/	18.88	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3555	Edge_1RB_Left	15.09	/	/	18.19	/	/	<=23	Pass
		Edge_1RB_Right	14.96	/	/	18.06	/	/	<=23	Pass
		Outer_Full	13.66	/	/	16.76	/	/	<=23	Pass
		Inner_Full	14.10	/	/	17.20	/	/	<=23	Pass
		Inner_1RB_Left	13.25	/	/	16.35	/	/	<=23	Pass
		Inner_1RB_Right	13.99	/	/	17.09	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	14.96	/	/	18.06	/	/	<=23	Pass
		Edge_1RB_Right	14.32	/	/	17.42	/	/	<=23	Pass
		Outer_Full	15.28	/	/	18.38	/	/	<=23	Pass
		Inner_Full	16.06	/	/	19.16	/	/	<=23	Pass
		Inner_1RB_Left	14.59	/	/	17.69	/	/	<=23	Pass
		Inner_1RB_Right	15.78	/	/	18.88	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	14.47	/	/	17.57	/	/	<=23	Pass
		Edge_1RB_Right	14.53	/	/	17.63	/	/	<=23	Pass
		Outer_Full	14.35	/	/	17.45	/	/	<=23	Pass
		Inner_Full	14.95	/	/	18.05	/	/	<=23	Pass
		Inner_1RB_Left	14.60	/	/	17.70	/	/	<=23	Pass
		Inner_1RB_Right	14.67	/	/	17.77	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3555	Edge_1RB_Left	12.31	/	/	15.41	/	/	<=23	Pass
		Edge_1RB_Right	13.14	/	/	16.24	/	/	<=23	Pass
		Outer_Full	13.22	/	/	16.32	/	/	<=23	Pass
		Inner_Full	12.52	/	/	15.62	/	/	<=23	Pass
		Inner_1RB_Left	12.13	/	/	15.23	/	/	<=23	Pass
		Inner_1RB_Right	11.90	/	/	15.00	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	12.36	/	/	15.46	/	/	<=23	Pass
		Edge_1RB_Right	12.90	/	/	16.00	/	/	<=23	Pass
		Outer_Full	13.26	/	/	16.36	/	/	<=23	Pass
		Inner_Full	14.50	/	/	17.60	/	/	<=23	Pass
		Inner_1RB_Left	12.61	/	/	15.71	/	/	<=23	Pass



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	3694.98	Inner_1RB_Right	14.22	/	/	17.32	/	/	<=23	Pass	
		Edge_1RB_Left	13.55	/	/	16.65	/	/	<=23	Pass	
		Edge_1RB_Right	12.55	/	/	15.65	/	/	<=23	Pass	
		Outer_Full	12.16	/	/	15.26	/	/	<=23	Pass	
		Inner_Full	12.73	/	/	15.83	/	/	<=23	Pass	
		Inner_1RB_Left	12.67	/	/	15.77	/	/	<=23	Pass	
		Inner_1RB_Right	14.47	/	/	17.57	/	/	<=23	Pass	
CP-OFDM QPSK	3555	Edge_1RB_Left	15.31	/	/	18.41	/	/	<=23	Pass	
		Edge_1RB_Right	13.92	/	/	17.02	/	/	<=23	Pass	
		Outer_Full	13.77	/	/	16.87	/	/	<=23	Pass	
		Inner_Full	14.15	/	/	17.25	/	/	<=23	Pass	
		Inner_1RB_Left	14.59	/	/	17.69	/	/	<=23	Pass	
		Inner_1RB_Right	13.19	/	/	16.29	/	/	<=23	Pass	
	3624.99	Edge_1RB_Left	16.02	/	/	19.12	/	/	<=23	Pass	
		Edge_1RB_Right	15.86	/	/	18.96	/	/	<=23	Pass	
		Outer_Full	15.95	/	/	19.05	/	/	<=23	Pass	
		Inner_Full	15.94	/	/	19.04	/	/	<=23	Pass	
		Inner_1RB_Left	14.85	/	/	17.95	/	/	<=23	Pass	
		Inner_1RB_Right	15.90	/	/	19.00	/	/	<=23	Pass	
	3694.98	Edge_1RB_Left	15.26	/	/	18.36	/	/	<=23	Pass	
		Edge_1RB_Right	13.92	/	/	17.02	/	/	<=23	Pass	
		Outer_Full	12.50	/	/	15.60	/	/	<=23	Pass	
		Inner_Full	15.05	/	/	18.15	/	/	<=23	Pass	
		Inner_1RB_Left	16.54	/	/	19.64	/	/	<=23	Pass	
		Inner_1RB_Right	16.43	/	/	19.53	/	/	<=23	Pass	
	CP-OFDM 16 QAM	3555	Edge_1RB_Left	14.60	/	/	17.70	/	/	<=23	Pass
			Edge_1RB_Right	13.89	/	/	16.99	/	/	<=23	Pass
			Outer_Full	14.78	/	/	17.88	/	/	<=23	Pass
Inner_Full			13.25	/	/	16.35	/	/	<=23	Pass	
Inner_1RB_Left			14.84	/	/	17.94	/	/	<=23	Pass	
Inner_1RB_Right			14.76	/	/	17.86	/	/	<=23	Pass	
3624.99		Edge_1RB_Left	15.23	/	/	18.33	/	/	<=23	Pass	
		Edge_1RB_Right	14.61	/	/	17.71	/	/	<=23	Pass	
		Outer_Full	13.87	/	/	16.97	/	/	<=23	Pass	
		Inner_Full	15.47	/	/	18.57	/	/	<=23	Pass	
		Inner_1RB_Left	15.80	/	/	18.90	/	/	<=23	Pass	
		Inner_1RB_Right	15.49	/	/	18.59	/	/	<=23	Pass	
3694.98		Edge_1RB_Left	12.98	/	/	16.08	/	/	<=23	Pass	
		Edge_1RB_Right	14.47	/	/	17.57	/	/	<=23	Pass	
		Outer_Full	14.59	/	/	17.69	/	/	<=23	Pass	
		Inner_Full	13.98	/	/	17.08	/	/	<=23	Pass	
		Inner_1RB_Left	14.72	/	/	17.82	/	/	<=23	Pass	
		Inner_1RB_Right	14.29	/	/	17.39	/	/	<=23	Pass	
CP-OFDM 64 QAM	3555	Edge_1RB_Left	12.82	/	/	15.92	/	/	<=23	Pass	
		Edge_1RB_Right	14.13	/	/	17.23	/	/	<=23	Pass	
		Outer_Full	12.85	/	/	15.95	/	/	<=23	Pass	
		Inner_Full	13.40	/	/	16.50	/	/	<=23	Pass	
		Inner_1RB_Left	13.53	/	/	16.63	/	/	<=23	Pass	
		Inner_1RB_Right	13.87	/	/	16.97	/	/	<=23	Pass	
	3624.99	Edge_1RB_Left	14.82	/	/	17.92	/	/	<=23	Pass	
		Edge_1RB_Right	14.49	/	/	17.59	/	/	<=23	Pass	
		Outer_Full	14.42	/	/	17.52	/	/	<=23	Pass	
		Inner_Full	14.40	/	/	17.50	/	/	<=23	Pass	
		Inner_1RB_Left	15.09	/	/	18.19	/	/	<=23	Pass	



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CP-OFDM 256 QAM	3694.98	Inner_1RB_Right	13.23	/	/	16.33	/	/	<=23	Pass
		Edge_1RB_Left	14.43	/	/	17.53	/	/	<=23	Pass
		Edge_1RB_Right	13.07	/	/	16.17	/	/	<=23	Pass
		Outer_Full	14.20	/	/	17.30	/	/	<=23	Pass
		Inner_Full	15.01	/	/	18.11	/	/	<=23	Pass
		Inner_1RB_Left	13.67	/	/	16.77	/	/	<=23	Pass
		Inner_1RB_Right	13.68	/	/	16.78	/	/	<=23	Pass
	3555	Edge_1RB_Left	11.02	/	/	14.12	/	/	<=23	Pass
		Edge_1RB_Right	10.12	/	/	13.22	/	/	<=23	Pass
		Outer_Full	10.45	/	/	13.55	/	/	<=23	Pass
		Inner_Full	9.66	/	/	12.76	/	/	<=23	Pass
		Inner_1RB_Left	11.35	/	/	14.45	/	/	<=23	Pass
		Inner_1RB_Right	11.39	/	/	14.49	/	/	<=23	Pass
		3624.99	Edge_1RB_Left	11.53	/	/	14.63	/	/	<=23
	Edge_1RB_Right		12.65	/	/	15.75	/	/	<=23	Pass
	Outer_Full		12.06	/	/	15.16	/	/	<=23	Pass
	Inner_Full		10.81	/	/	13.91	/	/	<=23	Pass
	Inner_1RB_Left		10.98	/	/	14.08	/	/	<=23	Pass
	Inner_1RB_Right		11.11	/	/	14.21	/	/	<=23	Pass
	3694.98		Edge_1RB_Left	10.39	/	/	13.49	/	/	<=23
		Edge_1RB_Right	10.42	/	/	13.52	/	/	<=23	Pass
		Outer_Full	9.70	/	/	12.80	/	/	<=23	Pass
		Inner_Full	11.64	/	/	14.74	/	/	<=23	Pass
		Inner_1RB_Left	12.26	/	/	15.36	/	/	<=23	Pass
Inner_1RB_Right		11.17	/	/	14.27	/	/	<=23	Pass	

Note1: Antenna Gain: Ant1: 3.10dBi;
Note2: EIRP=Conducted Power+Antenna Gain

2.3 30k_SISO_20MHz_NTNV_EIRP

2.3.1 Test Result

5G NR n48 SCS=30kHz SISO 20MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1RB_Left	16.07	/	/	19.17	/	/	<=23	Pass
		Edge_1RB_Right	16.13	/	/	19.23	/	/	<=23	Pass
		Outer_Full	15.99	/	/	19.09	/	/	<=23	Pass
		Inner_Full	16.54	/	/	19.64	/	/	<=23	Pass
		Inner_1RB_Left	16.53	/	/	19.63	/	/	<=23	Pass
		Inner_1RB_Right	16.53	/	/	19.63	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	16.28	/	/	19.38	/	/	<=23	Pass
		Edge_1RB_Right	16.20	/	/	19.30	/	/	<=23	Pass
		Outer_Full	16.40	/	/	19.50	/	/	<=23	Pass
		Inner_Full	16.85	/	/	19.95	/	/	<=23	Pass
		Inner_1RB_Left	16.89	/	/	19.99	/	/	<=23	Pass
		Inner_1RB_Right	16.68	/	/	19.78	/	/	<=23	Pass
	3690	Edge_1RB_Left	15.53	/	/	18.63	/	/	<=23	Pass
		Edge_1RB_Right	15.59	/	/	18.69	/	/	<=23	Pass
		Outer_Full	15.63	/	/	18.73	/	/	<=23	Pass
		Inner_Full	15.94	/	/	19.04	/	/	<=23	Pass
		Inner_1RB_Left	16.11	/	/	19.21	/	/	<=23	Pass



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DFT-s-OFDM QPSK	3560.01	Inner_1RB_Right	16.00	/	/	19.10	/	/	<=23	Pass
		Edge_1RB_Left	15.46	/	/	18.56	/	/	<=23	Pass
		Edge_1RB_Right	15.51	/	/	18.61	/	/	<=23	Pass
		Outer_Full	15.41	/	/	18.51	/	/	<=23	Pass
		Inner_Full	16.49	/	/	19.59	/	/	<=23	Pass
		Inner_1RB_Left	16.55	/	/	19.65	/	/	<=23	Pass
	3624.99	Inner_1RB_Right	16.57	/	/	19.67	/	/	<=23	Pass
		Edge_1RB_Left	15.74	/	/	18.84	/	/	<=23	Pass
		Edge_1RB_Right	15.59	/	/	18.69	/	/	<=23	Pass
		Outer_Full	15.79	/	/	18.89	/	/	<=23	Pass
		Inner_Full	16.88	/	/	19.98	/	/	<=23	Pass
		Inner_1RB_Left	17.02	/	/	20.12	/	/	<=23	Pass
	3690	Inner_1RB_Right	16.66	/	/	19.76	/	/	<=23	Pass
		Edge_1RB_Left	14.89	/	/	17.99	/	/	<=23	Pass
		Edge_1RB_Right	14.95	/	/	18.05	/	/	<=23	Pass
		Outer_Full	14.95	/	/	18.05	/	/	<=23	Pass
		Inner_Full	16.13	/	/	19.23	/	/	<=23	Pass
		Inner_1RB_Left	15.98	/	/	19.08	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3560.01	Inner_1RB_Right	16.11	/	/	19.21	/	/	<=23	Pass
		Edge_1RB_Left	14.37	/	/	17.47	/	/	<=23	Pass
		Edge_1RB_Right	14.53	/	/	17.63	/	/	<=23	Pass
		Outer_Full	14.45	/	/	17.55	/	/	<=23	Pass
		Inner_Full	15.60	/	/	18.70	/	/	<=23	Pass
		Inner_1RB_Left	15.52	/	/	18.62	/	/	<=23	Pass
	3624.99	Inner_1RB_Right	15.73	/	/	18.83	/	/	<=23	Pass
		Edge_1RB_Left	14.78	/	/	17.88	/	/	<=23	Pass
		Edge_1RB_Right	14.73	/	/	17.83	/	/	<=23	Pass
		Outer_Full	14.87	/	/	17.97	/	/	<=23	Pass
		Inner_Full	15.84	/	/	18.94	/	/	<=23	Pass
		Inner_1RB_Left	15.84	/	/	18.94	/	/	<=23	Pass
	3690	Inner_1RB_Right	15.86	/	/	18.96	/	/	<=23	Pass
		Edge_1RB_Left	13.89	/	/	16.99	/	/	<=23	Pass
		Edge_1RB_Right	13.94	/	/	17.04	/	/	<=23	Pass
		Outer_Full	13.99	/	/	17.09	/	/	<=23	Pass
		Inner_Full	15.06	/	/	18.16	/	/	<=23	Pass
		Inner_1RB_Left	14.92	/	/	18.02	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3560.01	Inner_1RB_Right	15.04	/	/	18.14	/	/	<=23	Pass
		Edge_1RB_Left	14.00	/	/	17.10	/	/	<=23	Pass
		Edge_1RB_Right	14.09	/	/	17.19	/	/	<=23	Pass
		Outer_Full	14.01	/	/	17.11	/	/	<=23	Pass
		Inner_Full	13.85	/	/	16.95	/	/	<=23	Pass
		Inner_1RB_Left	13.93	/	/	17.03	/	/	<=23	Pass
	3624.99	Inner_1RB_Right	14.20	/	/	17.30	/	/	<=23	Pass
		Edge_1RB_Left	14.39	/	/	17.49	/	/	<=23	Pass
		Edge_1RB_Right	14.13	/	/	17.23	/	/	<=23	Pass
		Outer_Full	14.15	/	/	17.25	/	/	<=23	Pass
		Inner_Full	14.18	/	/	17.28	/	/	<=23	Pass
		Inner_1RB_Left	14.31	/	/	17.41	/	/	<=23	Pass
	3690	Inner_1RB_Right	14.06	/	/	17.16	/	/	<=23	Pass
		Edge_1RB_Left	13.34	/	/	16.44	/	/	<=23	Pass
		Edge_1RB_Right	13.54	/	/	16.64	/	/	<=23	Pass
		Outer_Full	13.43	/	/	16.53	/	/	<=23	Pass
		Inner_Full	13.54	/	/	16.64	/	/	<=23	Pass
		Inner_1RB_Left	13.39	/	/	16.49	/	/	<=23	Pass



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DFT-s-OFDM 256 QAM	3560.01	Inner_1RB_Right	13.54	/	/	16.64	/	/	<=23	Pass
		Edge_1RB_Left	12.20	/	/	15.30	/	/	<=23	Pass
		Edge_1RB_Right	12.21	/	/	15.31	/	/	<=23	Pass
		Outer_Full	12.31	/	/	15.41	/	/	<=23	Pass
		Inner_Full	12.21	/	/	15.31	/	/	<=23	Pass
		Inner_1RB_Left	11.94	/	/	15.04	/	/	<=23	Pass
	3624.99	Inner_1RB_Right	12.16	/	/	15.26	/	/	<=23	Pass
		Edge_1RB_Left	12.53	/	/	15.63	/	/	<=23	Pass
		Edge_1RB_Right	12.34	/	/	15.44	/	/	<=23	Pass
		Outer_Full	12.57	/	/	15.67	/	/	<=23	Pass
		Inner_Full	12.58	/	/	15.68	/	/	<=23	Pass
		Inner_1RB_Left	12.59	/	/	15.69	/	/	<=23	Pass
	3690	Inner_1RB_Right	12.47	/	/	15.57	/	/	<=23	Pass
		Edge_1RB_Left	11.46	/	/	14.56	/	/	<=23	Pass
		Edge_1RB_Right	11.56	/	/	14.66	/	/	<=23	Pass
		Outer_Full	11.77	/	/	14.87	/	/	<=23	Pass
		Inner_Full	11.71	/	/	14.81	/	/	<=23	Pass
		Inner_1RB_Left	11.49	/	/	14.59	/	/	<=23	Pass
CP-OFDM QPSK	3560.01	Inner_1RB_Right	11.67	/	/	14.77	/	/	<=23	Pass
		Edge_1RB_Left	13.87	/	/	16.97	/	/	<=23	Pass
		Edge_1RB_Right	13.94	/	/	17.04	/	/	<=23	Pass
		Outer_Full	13.83	/	/	16.93	/	/	<=23	Pass
		Inner_Full	15.09	/	/	18.19	/	/	<=23	Pass
		Inner_1RB_Left	15.03	/	/	18.13	/	/	<=23	Pass
	3624.99	Inner_1RB_Right	15.08	/	/	18.18	/	/	<=23	Pass
		Edge_1RB_Left	14.19	/	/	17.29	/	/	<=23	Pass
		Edge_1RB_Right	14.07	/	/	17.17	/	/	<=23	Pass
		Outer_Full	14.24	/	/	17.34	/	/	<=23	Pass
		Inner_Full	15.37	/	/	18.47	/	/	<=23	Pass
		Inner_1RB_Left	15.33	/	/	18.43	/	/	<=23	Pass
	3690	Inner_1RB_Right	15.28	/	/	18.38	/	/	<=23	Pass
		Edge_1RB_Left	13.30	/	/	16.40	/	/	<=23	Pass
		Edge_1RB_Right	13.31	/	/	16.41	/	/	<=23	Pass
		Outer_Full	13.19	/	/	16.29	/	/	<=23	Pass
		Inner_Full	14.53	/	/	17.63	/	/	<=23	Pass
		Inner_1RB_Left	14.50	/	/	17.60	/	/	<=23	Pass
CP-OFDM 16 QAM	3560.01	Inner_1RB_Right	14.64	/	/	17.74	/	/	<=23	Pass
		Edge_1RB_Left	13.79	/	/	16.89	/	/	<=23	Pass
		Edge_1RB_Right	13.91	/	/	17.01	/	/	<=23	Pass
		Outer_Full	13.87	/	/	16.97	/	/	<=23	Pass
		Inner_Full	14.66	/	/	17.76	/	/	<=23	Pass
		Inner_1RB_Left	14.46	/	/	17.56	/	/	<=23	Pass
	3624.99	Inner_1RB_Right	14.59	/	/	17.69	/	/	<=23	Pass
		Edge_1RB_Left	14.05	/	/	17.15	/	/	<=23	Pass
		Edge_1RB_Right	13.96	/	/	17.06	/	/	<=23	Pass
		Outer_Full	14.16	/	/	17.26	/	/	<=23	Pass
		Inner_Full	14.88	/	/	17.98	/	/	<=23	Pass
		Inner_1RB_Left	14.62	/	/	17.72	/	/	<=23	Pass
	3690	Inner_1RB_Right	14.47	/	/	17.57	/	/	<=23	Pass
		Edge_1RB_Left	13.07	/	/	16.17	/	/	<=23	Pass
		Edge_1RB_Right	13.21	/	/	16.31	/	/	<=23	Pass
		Outer_Full	13.27	/	/	16.37	/	/	<=23	Pass
		Inner_Full	14.10	/	/	17.20	/	/	<=23	Pass
		Inner_1RB_Left	13.75	/	/	16.85	/	/	<=23	Pass



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CP-OFDM 64 QAM	3560.01	Inner_1RB_Right	13.82	/	/	16.92	/	/	<=23	Pass
		Edge_1RB_Left	13.46	/	/	16.56	/	/	<=23	Pass
		Edge_1RB_Right	13.55	/	/	16.65	/	/	<=23	Pass
		Outer_Full	13.33	/	/	16.43	/	/	<=23	Pass
		Inner_Full	13.24	/	/	16.34	/	/	<=23	Pass
		Inner_1RB_Left	13.50	/	/	16.60	/	/	<=23	Pass
	3624.99	Inner_1RB_Right	13.46	/	/	16.56	/	/	<=23	Pass
		Edge_1RB_Left	13.69	/	/	16.79	/	/	<=23	Pass
		Edge_1RB_Right	13.58	/	/	16.68	/	/	<=23	Pass
		Outer_Full	13.55	/	/	16.65	/	/	<=23	Pass
		Inner_Full	13.78	/	/	16.88	/	/	<=23	Pass
		Inner_1RB_Left	13.68	/	/	16.78	/	/	<=23	Pass
	3690	Inner_1RB_Right	13.75	/	/	16.85	/	/	<=23	Pass
		Edge_1RB_Left	12.75	/	/	15.85	/	/	<=23	Pass
		Edge_1RB_Right	12.85	/	/	15.95	/	/	<=23	Pass
		Outer_Full	12.65	/	/	15.75	/	/	<=23	Pass
		Inner_Full	12.64	/	/	15.74	/	/	<=23	Pass
		Inner_1RB_Left	12.84	/	/	15.94	/	/	<=23	Pass
CP-OFDM 256 QAM	3560.01	Inner_1RB_Right	12.94	/	/	16.04	/	/	<=23	Pass
		Edge_1RB_Left	10.12	/	/	13.22	/	/	<=23	Pass
		Edge_1RB_Right	10.32	/	/	13.42	/	/	<=23	Pass
		Outer_Full	10.25	/	/	13.35	/	/	<=23	Pass
		Inner_Full	10.36	/	/	13.46	/	/	<=23	Pass
		Inner_1RB_Left	10.21	/	/	13.31	/	/	<=23	Pass
	3624.99	Inner_1RB_Right	10.12	/	/	13.22	/	/	<=23	Pass
		Edge_1RB_Left	10.57	/	/	13.67	/	/	<=23	Pass
		Edge_1RB_Right	10.36	/	/	13.46	/	/	<=23	Pass
		Outer_Full	10.61	/	/	13.71	/	/	<=23	Pass
		Inner_Full	10.58	/	/	13.68	/	/	<=23	Pass
		Inner_1RB_Left	10.52	/	/	13.62	/	/	<=23	Pass
	3690	Inner_1RB_Right	10.40	/	/	13.50	/	/	<=23	Pass
		Edge_1RB_Left	9.61	/	/	12.71	/	/	<=23	Pass
		Edge_1RB_Right	9.70	/	/	12.80	/	/	<=23	Pass
		Outer_Full	9.66	/	/	12.76	/	/	<=23	Pass
		Inner_Full	9.62	/	/	12.72	/	/	<=23	Pass
		Inner_1RB_Left	9.67	/	/	12.77	/	/	<=23	Pass
		Inner_1RB_Right	9.63	/	/	12.73	/	/	<=23	Pass

Note1: Antenna Gain: Ant1: 3.10dBi;
Note2: EIRP=Conducted Power+Antenna Gain

2.4 30k_SISO_20MHz_NTNV_EIRP/10MHz

2.4.1 Test Result

5G NR n48 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1RB_Left	15.82	/	/	18.92	/	/	<=23	Pass
		Edge_1RB_Right	16.93	/	/	20.03	/	/	<=23	Pass
		Outer_Full	13.42	/	/	16.52	/	/	<=23	Pass
		Inner_Full	16.35	/	/	19.45	/	/	<=23	Pass
		Inner_1RB_Left	17.78	/	/	20.88	/	/	<=23	Pass



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	3624.99	Inner_1RB_Right	16.48	/	/	19.58	/	/	<=23	Pass
		Edge_1RB_Left	16.17	/	/	19.27	/	/	<=23	Pass
		Edge_1RB_Right	17.03	/	/	20.13	/	/	<=23	Pass
		Outer_Full	15.97	/	/	19.07	/	/	<=23	Pass
		Inner_Full	18.69	/	/	21.79	/	/	<=23	Pass
		Inner_1RB_Left	18.30	/	/	21.40	/	/	<=23	Pass
		Inner_1RB_Right	16.60	/	/	19.70	/	/	<=23	Pass
	3690	Edge_1RB_Left	17.70	/	/	20.80	/	/	<=23	Pass
		Edge_1RB_Right	18.31	/	/	21.41	/	/	<=23	Pass
		Outer_Full	14.21	/	/	17.31	/	/	<=23	Pass
		Inner_Full	16.77	/	/	19.87	/	/	<=23	Pass
		Inner_1RB_Left	16.70	/	/	19.80	/	/	<=23	Pass
		Inner_1RB_Right	16.06	/	/	19.16	/	/	<=23	Pass
		DFT-s-OFDM QPSK	3560.01	Edge_1RB_Left	15.54	/	/	18.64	/	/
Edge_1RB_Right	14.65			/	/	17.75	/	/	<=23	Pass
Outer_Full	13.97			/	/	17.07	/	/	<=23	Pass
Inner_Full	17.27			/	/	20.37	/	/	<=23	Pass
Inner_1RB_Left	17.78			/	/	20.88	/	/	<=23	Pass
Inner_1RB_Right	16.30			/	/	19.40	/	/	<=23	Pass
3624.99	Edge_1RB_Left		15.91	/	/	19.01	/	/	<=23	Pass
	Edge_1RB_Right		14.68	/	/	17.78	/	/	<=23	Pass
	Outer_Full		15.04	/	/	18.14	/	/	<=23	Pass
	Inner_Full		16.98	/	/	20.08	/	/	<=23	Pass
	Inner_1RB_Left		18.50	/	/	21.60	/	/	<=23	Pass
	Inner_1RB_Right		17.52	/	/	20.62	/	/	<=23	Pass
3690	Edge_1RB_Left		16.79	/	/	19.89	/	/	<=23	Pass
	Edge_1RB_Right		15.34	/	/	18.44	/	/	<=23	Pass
	Outer_Full	13.57	/	/	16.67	/	/	<=23	Pass	
	Inner_Full	17.21	/	/	20.31	/	/	<=23	Pass	
	Inner_1RB_Left	17.11	/	/	20.21	/	/	<=23	Pass	
	Inner_1RB_Right	16.35	/	/	19.45	/	/	<=23	Pass	
DFT-s-OFDM 16 QAM	3560.01	Edge_1RB_Left	14.42	/	/	17.52	/	/	<=23	Pass
		Edge_1RB_Right	14.43	/	/	17.53	/	/	<=23	Pass
		Outer_Full	12.18	/	/	15.28	/	/	<=23	Pass
		Inner_Full	16.16	/	/	19.26	/	/	<=23	Pass
		Inner_1RB_Left	15.98	/	/	19.08	/	/	<=23	Pass
		Inner_1RB_Right	13.57	/	/	16.67	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	16.30	/	/	19.40	/	/	<=23	Pass
		Edge_1RB_Right	17.04	/	/	20.14	/	/	<=23	Pass
		Outer_Full	12.57	/	/	15.67	/	/	<=23	Pass
		Inner_Full	16.68	/	/	19.78	/	/	<=23	Pass
		Inner_1RB_Left	16.74	/	/	19.84	/	/	<=23	Pass
		Inner_1RB_Right	16.71	/	/	19.81	/	/	<=23	Pass
	3690	Edge_1RB_Left	12.83	/	/	15.93	/	/	<=23	Pass
		Edge_1RB_Right	15.29	/	/	18.39	/	/	<=23	Pass
Outer_Full		12.08	/	/	15.18	/	/	<=23	Pass	
Inner_Full		17.99	/	/	21.09	/	/	<=23	Pass	
Inner_1RB_Left		16.84	/	/	19.94	/	/	<=23	Pass	
Inner_1RB_Right		17.31	/	/	20.41	/	/	<=23	Pass	
DFT-s-OFDM 64 QAM	3560.01	Edge_1RB_Left	13.87	/	/	16.97	/	/	<=23	Pass
		Edge_1RB_Right	13.40	/	/	16.50	/	/	<=23	Pass
		Outer_Full	11.36	/	/	14.46	/	/	<=23	Pass
		Inner_Full	14.77	/	/	17.87	/	/	<=23	Pass
		Inner_1RB_Left	13.78	/	/	16.88	/	/	<=23	Pass



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	3624.99	Inner_1RB_Right	14.30	/	/	17.40	/	/	<=23	Pass
		Edge_1RB_Left	15.06	/	/	18.16	/	/	<=23	Pass
		Edge_1RB_Right	16.46	/	/	19.56	/	/	<=23	Pass
		Outer_Full	13.78	/	/	16.88	/	/	<=23	Pass
		Inner_Full	15.94	/	/	19.04	/	/	<=23	Pass
		Inner_1RB_Left	14.10	/	/	17.20	/	/	<=23	Pass
		Inner_1RB_Right	14.97	/	/	18.07	/	/	<=23	Pass
	3690	Edge_1RB_Left	13.92	/	/	17.02	/	/	<=23	Pass
		Edge_1RB_Right	14.88	/	/	17.98	/	/	<=23	Pass
		Outer_Full	12.39	/	/	15.49	/	/	<=23	Pass
		Inner_Full	14.51	/	/	17.61	/	/	<=23	Pass
		Inner_1RB_Left	16.56	/	/	19.66	/	/	<=23	Pass
		Inner_1RB_Right	13.67	/	/	16.77	/	/	<=23	Pass
		DFT-s-OFDM 256 QAM	3560.01	Edge_1RB_Left	12.72	/	/	15.82	/	/
Edge_1RB_Right	12.86			/	/	15.96	/	/	<=23	Pass
Outer_Full	10.51			/	/	13.61	/	/	<=23	Pass
Inner_Full	13.13			/	/	16.23	/	/	<=23	Pass
Inner_1RB_Left	12.06			/	/	15.16	/	/	<=23	Pass
Inner_1RB_Right	12.67			/	/	15.77	/	/	<=23	Pass
3624.99	Edge_1RB_Left		13.93	/	/	17.03	/	/	<=23	Pass
	Edge_1RB_Right		12.55	/	/	15.65	/	/	<=23	Pass
	Outer_Full		10.18	/	/	13.28	/	/	<=23	Pass
	Inner_Full		13.59	/	/	16.69	/	/	<=23	Pass
	Inner_1RB_Left		14.58	/	/	17.68	/	/	<=23	Pass
	Inner_1RB_Right		14.07	/	/	17.17	/	/	<=23	Pass
3690	Edge_1RB_Left		12.36	/	/	15.46	/	/	<=23	Pass
	Edge_1RB_Right		12.79	/	/	15.89	/	/	<=23	Pass
	Outer_Full		11.58	/	/	14.68	/	/	<=23	Pass
	Inner_Full		13.52	/	/	16.62	/	/	<=23	Pass
	Inner_1RB_Left		12.95	/	/	16.05	/	/	<=23	Pass
	Inner_1RB_Right		12.11	/	/	15.21	/	/	<=23	Pass
CP-OFDM QPSK	3560.01	Edge_1RB_Left	14.85	/	/	17.95	/	/	<=23	Pass
		Edge_1RB_Right	14.92	/	/	18.02	/	/	<=23	Pass
		Outer_Full	11.07	/	/	14.17	/	/	<=23	Pass
		Inner_Full	15.47	/	/	18.57	/	/	<=23	Pass
		Inner_1RB_Left	15.20	/	/	18.30	/	/	<=23	Pass
		Inner_1RB_Right	15.46	/	/	18.56	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	15.51	/	/	18.61	/	/	<=23	Pass
		Edge_1RB_Right	15.88	/	/	18.98	/	/	<=23	Pass
		Outer_Full	13.25	/	/	16.35	/	/	<=23	Pass
		Inner_Full	16.80	/	/	19.90	/	/	<=23	Pass
		Inner_1RB_Left	17.25	/	/	20.35	/	/	<=23	Pass
		Inner_1RB_Right	17.08	/	/	20.18	/	/	<=23	Pass
	3690	Edge_1RB_Left	12.40	/	/	15.50	/	/	<=23	Pass
		Edge_1RB_Right	15.48	/	/	18.58	/	/	<=23	Pass
		Outer_Full	12.27	/	/	15.37	/	/	<=23	Pass
		Inner_Full	15.74	/	/	18.84	/	/	<=23	Pass
		Inner_1RB_Left	15.48	/	/	18.58	/	/	<=23	Pass
		Inner_1RB_Right	14.91	/	/	18.01	/	/	<=23	Pass
CP-OFDM 16 QAM	3560.01	Edge_1RB_Left	13.66	/	/	16.76	/	/	<=23	Pass
		Edge_1RB_Right	14.70	/	/	17.80	/	/	<=23	Pass
		Outer_Full	12.79	/	/	15.89	/	/	<=23	Pass
		Inner_Full	14.28	/	/	17.38	/	/	<=23	Pass
		Inner_1RB_Left	14.55	/	/	17.65	/	/	<=23	Pass



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	3624.99	Inner_1RB_Right	15.36	/	/	18.46	/	/	<=23	Pass
		Edge_1RB_Left	14.69	/	/	17.79	/	/	<=23	Pass
		Edge_1RB_Right	15.36	/	/	18.46	/	/	<=23	Pass
		Outer_Full	11.74	/	/	14.84	/	/	<=23	Pass
		Inner_Full	17.31	/	/	20.41	/	/	<=23	Pass
		Inner_1RB_Left	15.89	/	/	18.99	/	/	<=23	Pass
		Inner_1RB_Right	15.97	/	/	19.07	/	/	<=23	Pass
	3690	Edge_1RB_Left	15.08	/	/	18.18	/	/	<=23	Pass
		Edge_1RB_Right	14.59	/	/	17.69	/	/	<=23	Pass
		Outer_Full	12.47	/	/	15.57	/	/	<=23	Pass
		Inner_Full	16.76	/	/	19.86	/	/	<=23	Pass
		Inner_1RB_Left	15.54	/	/	18.64	/	/	<=23	Pass
		Inner_1RB_Right	15.97	/	/	19.07	/	/	<=23	Pass
		CP-OFDM 64 QAM	3560.01	Edge_1RB_Left	13.53	/	/	16.63	/	/
Edge_1RB_Right	13.59			/	/	16.69	/	/	<=23	Pass
Outer_Full	10.18			/	/	13.28	/	/	<=23	Pass
Inner_Full	14.14			/	/	17.24	/	/	<=23	Pass
Inner_1RB_Left	12.95			/	/	16.05	/	/	<=23	Pass
Inner_1RB_Right	13.60			/	/	16.70	/	/	<=23	Pass
3624.99	Edge_1RB_Left		15.18	/	/	18.28	/	/	<=23	Pass
	Edge_1RB_Right		13.65	/	/	16.75	/	/	<=23	Pass
	Outer_Full		12.80	/	/	15.90	/	/	<=23	Pass
	Inner_Full		15.23	/	/	18.33	/	/	<=23	Pass
	Inner_1RB_Left		14.85	/	/	17.95	/	/	<=23	Pass
	Inner_1RB_Right		15.18	/	/	18.28	/	/	<=23	Pass
3690	Edge_1RB_Left		15.18	/	/	18.28	/	/	<=23	Pass
	Edge_1RB_Right		13.45	/	/	16.55	/	/	<=23	Pass
	Outer_Full	11.25	/	/	14.35	/	/	<=23	Pass	
	Inner_Full	14.64	/	/	17.74	/	/	<=23	Pass	
	Inner_1RB_Left	15.30	/	/	18.40	/	/	<=23	Pass	
	Inner_1RB_Right	15.39	/	/	18.49	/	/	<=23	Pass	
CP-OFDM 256 QAM	3560.01	Edge_1RB_Left	10.20	/	/	13.30	/	/	<=23	Pass
		Edge_1RB_Right	10.51	/	/	13.61	/	/	<=23	Pass
		Outer_Full	8.03	/	/	11.13	/	/	<=23	Pass
		Inner_Full	10.07	/	/	13.17	/	/	<=23	Pass
		Inner_1RB_Left	9.60	/	/	12.70	/	/	<=23	Pass
		Inner_1RB_Right	10.91	/	/	14.01	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	11.30	/	/	14.40	/	/	<=23	Pass
		Edge_1RB_Right	12.58	/	/	15.68	/	/	<=23	Pass
		Outer_Full	9.08	/	/	12.18	/	/	<=23	Pass
		Inner_Full	11.35	/	/	14.45	/	/	<=23	Pass
		Inner_1RB_Left	12.16	/	/	15.26	/	/	<=23	Pass
		Inner_1RB_Right	10.50	/	/	13.60	/	/	<=23	Pass
	3690	Edge_1RB_Left	11.89	/	/	14.99	/	/	<=23	Pass
		Edge_1RB_Right	11.13	/	/	14.23	/	/	<=23	Pass
Outer_Full		7.92	/	/	11.02	/	/	<=23	Pass	
Inner_Full		11.42	/	/	14.52	/	/	<=23	Pass	
Inner_1RB_Left		11.62	/	/	14.72	/	/	<=23	Pass	
Inner_1RB_Right		10.99	/	/	14.09	/	/	<=23	Pass	

Note1: Antenna Gain: Ant1: 3.10dBi;
 Note2: EIRP=Conducted Power+Antenna Gain

2.5 30k_SISO_30MHz_NTNV_EIRP



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2.5.1 Test Result

5G NR n48 SCS=30kHz SISO 30MHz NTV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3565.02	Edge_1RB_Left	15.92	/	/	19.02	/	/	<=23	Pass
		Edge_1RB_Right	15.95	/	/	19.05	/	/	<=23	Pass
		Outer_Full	16.07	/	/	19.17	/	/	<=23	Pass
		Inner_Full	16.50	/	/	19.60	/	/	<=23	Pass
		Inner_1RB_Left	16.40	/	/	19.50	/	/	<=23	Pass
		Inner_1RB_Right	16.63	/	/	19.73	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	16.39	/	/	19.49	/	/	<=23	Pass
		Edge_1RB_Right	16.09	/	/	19.19	/	/	<=23	Pass
		Outer_Full	16.22	/	/	19.32	/	/	<=23	Pass
		Inner_Full	16.85	/	/	19.95	/	/	<=23	Pass
		Inner_1RB_Left	16.93	/	/	20.03	/	/	<=23	Pass
		Inner_1RB_Right	16.47	/	/	19.57	/	/	<=23	Pass
	3684.99	Edge_1RB_Left	15.68	/	/	18.78	/	/	<=23	Pass
		Edge_1RB_Right	15.71	/	/	18.81	/	/	<=23	Pass
		Outer_Full	15.72	/	/	18.82	/	/	<=23	Pass
		Inner_Full	15.99	/	/	19.09	/	/	<=23	Pass
		Inner_1RB_Left	16.18	/	/	19.28	/	/	<=23	Pass
		Inner_1RB_Right	16.22	/	/	19.32	/	/	<=23	Pass
DFT-s-OFDM QPSK	3565.02	Edge_1RB_Left	15.37	/	/	18.47	/	/	<=23	Pass
		Edge_1RB_Right	15.54	/	/	18.64	/	/	<=23	Pass
		Outer_Full	15.55	/	/	18.65	/	/	<=23	Pass
		Inner_Full	16.44	/	/	19.54	/	/	<=23	Pass
		Inner_1RB_Left	16.43	/	/	19.53	/	/	<=23	Pass
		Inner_1RB_Right	16.53	/	/	19.63	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	15.99	/	/	19.09	/	/	<=23	Pass
		Edge_1RB_Right	15.54	/	/	18.64	/	/	<=23	Pass
		Outer_Full	15.71	/	/	18.81	/	/	<=23	Pass
		Inner_Full	16.74	/	/	19.84	/	/	<=23	Pass
		Inner_1RB_Left	16.78	/	/	19.88	/	/	<=23	Pass
		Inner_1RB_Right	16.59	/	/	19.69	/	/	<=23	Pass
	3684.99	Edge_1RB_Left	15.22	/	/	18.32	/	/	<=23	Pass
		Edge_1RB_Right	15.05	/	/	18.15	/	/	<=23	Pass
		Outer_Full	15.12	/	/	18.22	/	/	<=23	Pass
		Inner_Full	16.03	/	/	19.13	/	/	<=23	Pass
		Inner_1RB_Left	16.12	/	/	19.22	/	/	<=23	Pass
		Inner_1RB_Right	16.02	/	/	19.12	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3565.02	Edge_1RB_Left	14.41	/	/	17.51	/	/	<=23	Pass
		Edge_1RB_Right	14.71	/	/	17.81	/	/	<=23	Pass
		Outer_Full	14.48	/	/	17.58	/	/	<=23	Pass
		Inner_Full	15.39	/	/	18.49	/	/	<=23	Pass
		Inner_1RB_Left	15.64	/	/	18.74	/	/	<=23	Pass
		Inner_1RB_Right	15.66	/	/	18.76	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	14.89	/	/	17.99	/	/	<=23	Pass
		Edge_1RB_Right	14.58	/	/	17.68	/	/	<=23	Pass
		Outer_Full	14.85	/	/	17.95	/	/	<=23	Pass
		Inner_Full	15.75	/	/	18.85	/	/	<=23	Pass
		Inner_1RB_Left	16.05	/	/	19.15	/	/	<=23	Pass
		Inner_1RB_Right	15.47	/	/	18.57	/	/	<=23	Pass
	3684.99	Edge_1RB_Left	14.16	/	/	17.26	/	/	<=23	Pass



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		Edge_1RB_Right	14.17	/	/	17.27	/	/	<=23	Pass
		Outer_Full	14.13	/	/	17.23	/	/	<=23	Pass
		Inner_Full	15.02	/	/	18.12	/	/	<=23	Pass
		Inner_1RB_Left	15.22	/	/	18.32	/	/	<=23	Pass
		Inner_1RB_Right	15.14	/	/	18.24	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3565.02	Edge_1RB_Left	14.00	/	/	17.10	/	/	<=23	Pass
		Edge_1RB_Right	14.19	/	/	17.29	/	/	<=23	Pass
		Outer_Full	14.01	/	/	17.11	/	/	<=23	Pass
		Inner_Full	13.84	/	/	16.94	/	/	<=23	Pass
		Inner_1RB_Left	14.21	/	/	17.31	/	/	<=23	Pass
	3624.99	Inner_1RB_Right	14.15	/	/	17.25	/	/	<=23	Pass
		Edge_1RB_Left	14.19	/	/	17.29	/	/	<=23	Pass
		Edge_1RB_Right	14.04	/	/	17.14	/	/	<=23	Pass
		Outer_Full	14.37	/	/	17.47	/	/	<=23	Pass
		Inner_Full	14.17	/	/	17.27	/	/	<=23	Pass
	3684.99	Inner_1RB_Left	14.25	/	/	17.35	/	/	<=23	Pass
		Inner_1RB_Right	13.92	/	/	17.02	/	/	<=23	Pass
		Edge_1RB_Left	13.68	/	/	16.78	/	/	<=23	Pass
		Edge_1RB_Right	13.56	/	/	16.66	/	/	<=23	Pass
		Outer_Full	13.64	/	/	16.74	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3565.02	Inner_Full	13.49	/	/	16.59	/	/	<=23	Pass
		Inner_1RB_Left	13.67	/	/	16.77	/	/	<=23	Pass
		Inner_1RB_Right	13.85	/	/	16.95	/	/	<=23	Pass
		Edge_1RB_Left	12.13	/	/	15.23	/	/	<=23	Pass
		Edge_1RB_Right	12.12	/	/	15.22	/	/	<=23	Pass
	3624.99	Outer_Full	12.17	/	/	15.27	/	/	<=23	Pass
		Inner_Full	12.23	/	/	15.33	/	/	<=23	Pass
		Inner_1RB_Left	12.05	/	/	15.15	/	/	<=23	Pass
		Inner_1RB_Right	12.12	/	/	15.22	/	/	<=23	Pass
		Edge_1RB_Left	12.56	/	/	15.66	/	/	<=23	Pass
	3684.99	Edge_1RB_Right	12.15	/	/	15.25	/	/	<=23	Pass
		Outer_Full	12.63	/	/	15.73	/	/	<=23	Pass
		Inner_Full	12.64	/	/	15.74	/	/	<=23	Pass
		Inner_1RB_Left	12.69	/	/	15.79	/	/	<=23	Pass
		Inner_1RB_Right	12.19	/	/	15.29	/	/	<=23	Pass
CP-OFDM QPSK	3565.02	Edge_1RB_Left	11.86	/	/	14.96	/	/	<=23	Pass
		Edge_1RB_Right	11.84	/	/	14.94	/	/	<=23	Pass
		Outer_Full	11.78	/	/	14.88	/	/	<=23	Pass
		Inner_Full	11.83	/	/	14.93	/	/	<=23	Pass
		Inner_1RB_Left	11.81	/	/	14.91	/	/	<=23	Pass
3624.99	Inner_1RB_Right	11.77	/	/	14.87	/	/	<=23	Pass	
	Edge_1RB_Left	13.80	/	/	16.90	/	/	<=23	Pass	
	Edge_1RB_Right	14.02	/	/	17.12	/	/	<=23	Pass	
	Outer_Full	13.70	/	/	16.80	/	/	<=23	Pass	
	Inner_Full	15.04	/	/	18.14	/	/	<=23	Pass	
	Inner_1RB_Left	15.03	/	/	18.13	/	/	<=23	Pass	
	Inner_1RB_Right	15.05	/	/	18.15	/	/	<=23	Pass	
	Edge_1RB_Left	14.34	/	/	17.44	/	/	<=23	Pass	
	Edge_1RB_Right	13.90	/	/	17.00	/	/	<=23	Pass	
	Outer_Full	14.18	/	/	17.28	/	/	<=23	Pass	
3684.99	Inner_Full	15.35	/	/	18.45	/	/	<=23	Pass	
	Inner_1RB_Left	15.49	/	/	18.59	/	/	<=23	Pass	
		Inner_1RB_Right	15.06	/	/	18.16	/	/	<=23	Pass
		Edge_1RB_Left	13.42	/	/	16.52	/	/	<=23	Pass



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		Edge_1RB_Right	13.40	/	/	16.50	/	/	<=23	Pass
		Outer_Full	13.40	/	/	16.50	/	/	<=23	Pass
		Inner_Full	14.65	/	/	17.75	/	/	<=23	Pass
		Inner_1RB_Left	14.73	/	/	17.83	/	/	<=23	Pass
		Inner_1RB_Right	14.67	/	/	17.77	/	/	<=23	Pass
CP-OFDM 16 QAM	3565.02	Edge_1RB_Left	13.70	/	/	16.80	/	/	<=23	Pass
		Edge_1RB_Right	13.69	/	/	16.79	/	/	<=23	Pass
		Outer_Full	13.68	/	/	16.78	/	/	<=23	Pass
		Inner_Full	14.42	/	/	17.52	/	/	<=23	Pass
		Inner_1RB_Left	14.61	/	/	17.71	/	/	<=23	Pass
	3624.99	Inner_1RB_Right	14.44	/	/	17.54	/	/	<=23	Pass
		Edge_1RB_Left	14.07	/	/	17.17	/	/	<=23	Pass
		Edge_1RB_Right	13.76	/	/	16.86	/	/	<=23	Pass
		Outer_Full	14.15	/	/	17.25	/	/	<=23	Pass
		Inner_Full	14.72	/	/	17.82	/	/	<=23	Pass
	3684.99	Inner_1RB_Left	14.94	/	/	18.04	/	/	<=23	Pass
		Inner_1RB_Right	14.71	/	/	17.81	/	/	<=23	Pass
		Edge_1RB_Left	13.39	/	/	16.49	/	/	<=23	Pass
		Edge_1RB_Right	13.47	/	/	16.57	/	/	<=23	Pass
		Outer_Full	13.35	/	/	16.45	/	/	<=23	Pass
CP-OFDM 64 QAM	3565.02	Inner_Full	14.14	/	/	17.24	/	/	<=23	Pass
		Inner_1RB_Left	14.35	/	/	17.45	/	/	<=23	Pass
		Inner_1RB_Right	14.06	/	/	17.16	/	/	<=23	Pass
		Edge_1RB_Left	13.17	/	/	16.27	/	/	<=23	Pass
		Edge_1RB_Right	13.42	/	/	16.52	/	/	<=23	Pass
	3624.99	Outer_Full	13.18	/	/	16.28	/	/	<=23	Pass
		Inner_Full	13.20	/	/	16.30	/	/	<=23	Pass
		Inner_1RB_Left	13.45	/	/	16.55	/	/	<=23	Pass
		Inner_1RB_Right	13.33	/	/	16.43	/	/	<=23	Pass
		Edge_1RB_Left	13.71	/	/	16.81	/	/	<=23	Pass
	3684.99	Edge_1RB_Right	13.38	/	/	16.48	/	/	<=23	Pass
		Outer_Full	13.65	/	/	16.75	/	/	<=23	Pass
		Inner_Full	13.68	/	/	16.78	/	/	<=23	Pass
		Inner_1RB_Left	13.77	/	/	16.87	/	/	<=23	Pass
		Inner_1RB_Right	13.53	/	/	16.63	/	/	<=23	Pass
3624.99	Edge_1RB_Left	12.97	/	/	16.07	/	/	<=23	Pass	
	Edge_1RB_Right	13.05	/	/	16.15	/	/	<=23	Pass	
	Outer_Full	12.94	/	/	16.04	/	/	<=23	Pass	
	Inner_Full	12.94	/	/	16.04	/	/	<=23	Pass	
	Inner_1RB_Left	13.06	/	/	16.16	/	/	<=23	Pass	
CP-OFDM 256 QAM	3565.02	Inner_1RB_Right	12.98	/	/	16.08	/	/	<=23	Pass
		Edge_1RB_Left	10.25	/	/	13.35	/	/	<=23	Pass
		Edge_1RB_Right	10.37	/	/	13.47	/	/	<=23	Pass
		Outer_Full	10.20	/	/	13.30	/	/	<=23	Pass
		Inner_Full	10.13	/	/	13.23	/	/	<=23	Pass
	3624.99	Inner_1RB_Left	10.22	/	/	13.32	/	/	<=23	Pass
		Inner_1RB_Right	10.28	/	/	13.38	/	/	<=23	Pass
		Edge_1RB_Left	10.69	/	/	13.79	/	/	<=23	Pass
		Edge_1RB_Right	10.30	/	/	13.40	/	/	<=23	Pass
		Outer_Full	10.57	/	/	13.67	/	/	<=23	Pass
	3684.99	Inner_Full	10.50	/	/	13.60	/	/	<=23	Pass
		Inner_1RB_Left	10.87	/	/	13.97	/	/	<=23	Pass
		Inner_1RB_Right	10.27	/	/	13.37	/	/	<=23	Pass
		Edge_1RB_Left	9.94	/	/	13.04	/	/	<=23	Pass



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	Edge_1RB_Right	9.87	/	/	12.97	/	/	<=23	Pass
	Outer_Full	9.83	/	/	12.93	/	/	<=23	Pass
	Inner_Full	9.70	/	/	12.80	/	/	<=23	Pass
	Inner_1RB_Left	9.95	/	/	13.05	/	/	<=23	Pass
	Inner_1RB_Right	9.89	/	/	12.99	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: 3.10dBi; Note2: EIRP=Conducted Power+Antenna Gain									

2.6 30k_SISO_30MHz_NTNV_EIRP/10MHz

2.6.1 Test Result

5G NR n48 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3565.02	Edge_1RB_Left	16.58	/	/	19.68	/	/	<=23	Pass
		Edge_1RB_Right	17.10	/	/	20.20	/	/	<=23	Pass
		Outer_Full	13.69	/	/	16.79	/	/	<=23	Pass
		Inner_Full	17.56	/	/	20.66	/	/	<=23	Pass
		Inner_1RB_Left	15.99	/	/	19.09	/	/	<=23	Pass
	Inner_1RB_Right	18.03	/	/	21.13	/	/	<=23	Pass	
	3624.99	Edge_1RB_Left	18.46	/	/	21.56	/	/	<=23	Pass
		Edge_1RB_Right	17.12	/	/	20.22	/	/	<=23	Pass
		Outer_Full	13.32	/	/	16.42	/	/	<=23	Pass
		Inner_Full	17.62	/	/	20.72	/	/	<=23	Pass
		Inner_1RB_Left	17.60	/	/	20.70	/	/	<=23	Pass
	Inner_1RB_Right	17.10	/	/	20.20	/	/	<=23	Pass	
	3684.99	Edge_1RB_Left	17.12	/	/	20.22	/	/	<=23	Pass
		Edge_1RB_Right	18.09	/	/	21.19	/	/	<=23	Pass
		Outer_Full	13.34	/	/	16.44	/	/	<=23	Pass
Inner_Full		16.70	/	/	19.80	/	/	<=23	Pass	
Inner_1RB_Left		17.14	/	/	20.24	/	/	<=23	Pass	
Inner_1RB_Right	16.69	/	/	19.79	/	/	<=23	Pass		
DFT-s-OFDM QPSK	3565.02	Edge_1RB_Left	16.91	/	/	20.01	/	/	<=23	Pass
		Edge_1RB_Right	16.03	/	/	19.13	/	/	<=23	Pass
		Outer_Full	13.25	/	/	16.35	/	/	<=23	Pass
		Inner_Full	16.94	/	/	20.04	/	/	<=23	Pass
		Inner_1RB_Left	17.67	/	/	20.77	/	/	<=23	Pass
	Inner_1RB_Right	18.38	/	/	21.48	/	/	<=23	Pass	
	3624.99	Edge_1RB_Left	17.08	/	/	20.18	/	/	<=23	Pass
		Edge_1RB_Right	16.23	/	/	19.33	/	/	<=23	Pass
		Outer_Full	12.49	/	/	15.59	/	/	<=23	Pass
		Inner_Full	17.76	/	/	20.86	/	/	<=23	Pass
		Inner_1RB_Left	18.74	/	/	21.84	/	/	<=23	Pass
	Inner_1RB_Right	19.44	/	/	22.54	/	/	<=23	Pass	
	3684.99	Edge_1RB_Left	16.62	/	/	19.72	/	/	<=23	Pass
		Edge_1RB_Right	17.10	/	/	20.20	/	/	<=23	Pass
		Outer_Full	12.40	/	/	15.50	/	/	<=23	Pass
Inner_Full		16.14	/	/	19.24	/	/	<=23	Pass	
Inner_1RB_Left		15.91	/	/	19.01	/	/	<=23	Pass	
Inner_1RB_Right	17.22	/	/	20.32	/	/	<=23	Pass		
DFT-s-OFDM 16 QAM	3565.02	Edge_1RB_Left	15.50	/	/	18.60	/	/	<=23	Pass



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		Edge_1RB_Right	15.97	/	/	19.07	/	/	<=23	Pass				
		Outer_Full	12.61	/	/	15.71	/	/	<=23	Pass				
		Inner_Full	15.52	/	/	18.62	/	/	<=23	Pass				
		Inner_1RB_Left	15.88	/	/	18.98	/	/	<=23	Pass				
	3624.99		Inner_1RB_Right	15.24	/	/	18.34	/	/	<=23	Pass			
			Edge_1RB_Left	16.96	/	/	20.06	/	/	<=23	Pass			
		3684.99		Edge_1RB_Right	16.18	/	/	19.28	/	/	<=23	Pass		
				Outer_Full	10.96	/	/	14.06	/	/	<=23	Pass		
			3624.99		Inner_Full	15.53	/	/	18.63	/	/	<=23	Pass	
					Inner_1RB_Left	16.58	/	/	19.68	/	/	<=23	Pass	
	DFT-s-OFDM 64 QAM	3565.02		Inner_1RB_Right	15.57	/	/	18.67	/	/	<=23	Pass		
				Edge_1RB_Left	14.57	/	/	17.67	/	/	<=23	Pass		
			3624.99		Edge_1RB_Right	17.01	/	/	20.11	/	/	<=23	Pass	
					Outer_Full	12.45	/	/	15.55	/	/	<=23	Pass	
				3684.99		Inner_Full	15.12	/	/	18.22	/	/	<=23	Pass
						Inner_1RB_Left	17.50	/	/	20.60	/	/	<=23	Pass
DFT-s-OFDM 256 QAM		3565.02		Inner_1RB_Right	16.21	/	/	19.31	/	/	<=23	Pass		
				Edge_1RB_Left	14.28	/	/	17.38	/	/	<=23	Pass		
			3624.99		Edge_1RB_Right	14.87	/	/	17.97	/	/	<=23	Pass	
					Outer_Full	10.89	/	/	13.99	/	/	<=23	Pass	
				3684.99		Inner_Full	15.14	/	/	18.24	/	/	<=23	Pass
						Inner_1RB_Left	15.69	/	/	18.79	/	/	<=23	Pass
		CP-OFDM QPSK	3565.02		Inner_1RB_Right	14.91	/	/	18.01	/	/	<=23	Pass	
					Edge_1RB_Left	15.08	/	/	18.18	/	/	<=23	Pass	
				3624.99		Edge_1RB_Right	15.28	/	/	18.38	/	/	<=23	Pass
						Outer_Full	12.37	/	/	15.47	/	/	<=23	Pass
3684.99					Inner_Full	14.25	/	/	17.35	/	/	<=23	Pass	
					Inner_1RB_Left	15.99	/	/	19.09	/	/	<=23	Pass	
DFT-s-OFDM 256 QAM	3565.02			Inner_1RB_Right	15.59	/	/	18.69	/	/	<=23	Pass		
				Edge_1RB_Left	14.12	/	/	17.22	/	/	<=23	Pass		
			3624.99		Edge_1RB_Right	13.59	/	/	16.69	/	/	<=23	Pass	
					Outer_Full	10.89	/	/	13.99	/	/	<=23	Pass	
		3684.99			Inner_Full	14.76	/	/	17.86	/	/	<=23	Pass	
					Inner_1RB_Left	16.61	/	/	19.71	/	/	<=23	Pass	
	CP-OFDM QPSK	3565.02		Inner_1RB_Right	15.54	/	/	18.64	/	/	<=23	Pass		
				Edge_1RB_Left	12.52	/	/	15.62	/	/	<=23	Pass		
			3624.99		Edge_1RB_Right	15.18	/	/	18.28	/	/	<=23	Pass	
					Outer_Full	9.98	/	/	13.08	/	/	<=23	Pass	
3684.99					Inner_Full	12.38	/	/	15.48	/	/	<=23	Pass	
					Inner_1RB_Left	12.57	/	/	15.67	/	/	<=23	Pass	
CP-OFDM QPSK		3565.02		Inner_1RB_Right	13.06	/	/	16.16	/	/	<=23	Pass		
				Edge_1RB_Left	12.74	/	/	15.84	/	/	<=23	Pass		
			3624.99		Edge_1RB_Right	12.09	/	/	15.19	/	/	<=23	Pass	
					Outer_Full	9.86	/	/	12.96	/	/	<=23	Pass	
	3684.99				Inner_Full	11.37	/	/	14.47	/	/	<=23	Pass	
					Inner_1RB_Left	14.33	/	/	17.43	/	/	<=23	Pass	
	CP-OFDM QPSK	3565.02		Inner_1RB_Right	12.66	/	/	15.76	/	/	<=23	Pass		
				Edge_1RB_Left	13.32	/	/	16.42	/	/	<=23	Pass		
			3624.99		Edge_1RB_Right	13.48	/	/	16.58	/	/	<=23	Pass	
					Outer_Full	9.67	/	/	12.77	/	/	<=23	Pass	
3684.99					Inner_Full	13.32	/	/	16.42	/	/	<=23	Pass	
					Inner_1RB_Left	11.25	/	/	14.35	/	/	<=23	Pass	
3624.99			Inner_1RB_Right	14.24	/	/	17.34	/	/	<=23	Pass			
			Edge_1RB_Left	14.47	/	/	17.57	/	/	<=23	Pass			



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		Edge_1RB_Right	16.09	/	/	19.19	/	/	<=23	Pass
		Outer_Full	10.13	/	/	13.23	/	/	<=23	Pass
		Inner_Full	15.88	/	/	18.98	/	/	<=23	Pass
		Inner_1RB_Left	15.99	/	/	19.09	/	/	<=23	Pass
		Inner_1RB_Right	16.16	/	/	19.26	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.72	/	/	20.82	/	/	<=23	Pass
		Edge_1RB_Right	15.53	/	/	18.63	/	/	<=23	Pass
		Outer_Full	11.20	/	/	14.30	/	/	<=23	Pass
		Inner_Full	14.99	/	/	18.09	/	/	<=23	Pass
		Inner_1RB_Left	17.48	/	/	20.58	/	/	<=23	Pass
	3684.99	Inner_1RB_Right	16.75	/	/	19.85	/	/	<=23	Pass
		Edge_1RB_Left	14.33	/	/	17.43	/	/	<=23	Pass
		Edge_1RB_Right	15.26	/	/	18.36	/	/	<=23	Pass
		Outer_Full	10.10	/	/	13.20	/	/	<=23	Pass
		Inner_Full	15.44	/	/	18.54	/	/	<=23	Pass
CP-OFDM 16 QAM	3565.02	Inner_1RB_Left	15.49	/	/	18.59	/	/	<=23	Pass
		Inner_1RB_Right	15.22	/	/	18.32	/	/	<=23	Pass
		Edge_1RB_Left	13.49	/	/	16.59	/	/	<=23	Pass
		Edge_1RB_Right	14.25	/	/	17.35	/	/	<=23	Pass
		Outer_Full	11.20	/	/	14.30	/	/	<=23	Pass
	3624.99	Inner_Full	14.84	/	/	17.94	/	/	<=23	Pass
		Inner_1RB_Left	15.05	/	/	18.15	/	/	<=23	Pass
		Inner_1RB_Right	17.53	/	/	20.63	/	/	<=23	Pass
		Edge_1RB_Left	17.11	/	/	20.21	/	/	<=23	Pass
		Edge_1RB_Right	15.12	/	/	18.22	/	/	<=23	Pass
	3684.99	Outer_Full	9.94	/	/	13.04	/	/	<=23	Pass
		Inner_Full	15.22	/	/	18.32	/	/	<=23	Pass
		Inner_1RB_Left	17.36	/	/	20.46	/	/	<=23	Pass
		Inner_1RB_Right	14.88	/	/	17.98	/	/	<=23	Pass
		Edge_1RB_Left	13.21	/	/	16.31	/	/	<=23	Pass
CP-OFDM 64 QAM	3565.02	Edge_1RB_Right	15.49	/	/	18.59	/	/	<=23	Pass
		Outer_Full	11.08	/	/	14.18	/	/	<=23	Pass
		Inner_Full	13.98	/	/	17.08	/	/	<=23	Pass
		Inner_1RB_Left	15.26	/	/	18.36	/	/	<=23	Pass
		Inner_1RB_Right	17.57	/	/	20.67	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	15.66	/	/	18.76	/	/	<=23	Pass
		Edge_1RB_Right	14.75	/	/	17.85	/	/	<=23	Pass
		Outer_Full	6.79	/	/	9.89	/	/	<=23	Pass
		Inner_Full	12.65	/	/	15.75	/	/	<=23	Pass
		Inner_1RB_Left	13.23	/	/	16.33	/	/	<=23	Pass
	3684.99	Inner_1RB_Right	14.31	/	/	17.41	/	/	<=23	Pass
		Edge_1RB_Left	14.30	/	/	17.40	/	/	<=23	Pass
		Edge_1RB_Right	12.72	/	/	15.82	/	/	<=23	Pass
		Outer_Full	9.99	/	/	13.09	/	/	<=23	Pass
		Inner_Full	12.62	/	/	15.72	/	/	<=23	Pass
CP-OFDM 256 QAM	3565.02	Inner_1RB_Left	16.04	/	/	19.14	/	/	<=23	Pass
		Inner_1RB_Right	13.96	/	/	17.06	/	/	<=23	Pass
		Edge_1RB_Left	14.64	/	/	17.74	/	/	<=23	Pass
		Edge_1RB_Right	14.64	/	/	17.74	/	/	<=23	Pass
		Outer_Full	9.35	/	/	12.45	/	/	<=23	Pass
		Inner_Full	12.00	/	/	15.10	/	/	<=23	Pass
		Inner_1RB_Left	14.12	/	/	17.22	/	/	<=23	Pass
		Inner_1RB_Right	15.49	/	/	18.59	/	/	<=23	Pass
		Edge_1RB_Left	12.04	/	/	15.14	/	/	<=23	Pass



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		Edge_1RB_Right	12.65	/	/	15.75	/	/	<=23	Pass	
		Outer_Full	7.65	/	/	10.75	/	/	<=23	Pass	
		Inner_Full	8.85	/	/	11.95	/	/	<=23	Pass	
		Inner_1RB_Left	11.02	/	/	14.12	/	/	<=23	Pass	
		Inner_1RB_Right	13.02	/	/	16.12	/	/	<=23	Pass	
	3624.99	Edge_1RB_Left	13.10	/	/	16.20	/	/	<=23	Pass	
		Edge_1RB_Right	10.25	/	/	13.35	/	/	<=23	Pass	
		Outer_Full	6.90	/	/	10.00	/	/	<=23	Pass	
		Inner_Full	10.26	/	/	13.36	/	/	<=23	Pass	
		Inner_1RB_Left	13.66	/	/	16.76	/	/	<=23	Pass	
	3684.99	Inner_1RB_Right	11.03	/	/	14.13	/	/	<=23	Pass	
		Edge_1RB_Left	11.49	/	/	14.59	/	/	<=23	Pass	
		Edge_1RB_Right	11.79	/	/	14.89	/	/	<=23	Pass	
		Outer_Full	6.90	/	/	10.00	/	/	<=23	Pass	
		Inner_Full	9.51	/	/	12.61	/	/	<=23	Pass	
			Inner_1RB_Left	11.40	/	/	14.50	/	/	<=23	Pass
			Inner_1RB_Right	11.57	/	/	14.67	/	/	<=23	Pass

Note1: Antenna Gain: Ant1: 3.10dBi;
 Note2: EIRP=Conducted Power+Antenna Gain

2.7 30k_SISO_40MHz_NTNV_EIRP

2.7.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz NTN											
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict	
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3570	Edge_1RB_Left	16.10	/	/	19.20	/	/	<=23	Pass	
		Edge_1RB_Right	16.36	/	/	19.46	/	/	<=23	Pass	
		Outer_Full	16.08	/	/	19.18	/	/	<=23	Pass	
		Inner_Full	16.56	/	/	19.66	/	/	<=23	Pass	
		Inner_1RB_Left	16.64	/	/	19.74	/	/	<=23	Pass	
	3624.99	Inner_1RB_Right	16.85	/	/	19.95	/	/	<=23	Pass	
		Edge_1RB_Left	16.38	/	/	19.48	/	/	<=23	Pass	
		Edge_1RB_Right	15.96	/	/	19.06	/	/	<=23	Pass	
		Outer_Full	16.27	/	/	19.37	/	/	<=23	Pass	
		Inner_Full	16.74	/	/	19.84	/	/	<=23	Pass	
	3679.98	Inner_1RB_Left	16.88	/	/	19.98	/	/	<=23	Pass	
		Inner_1RB_Right	16.53	/	/	19.63	/	/	<=23	Pass	
		Edge_1RB_Left	15.57	/	/	18.67	/	/	<=23	Pass	
		Edge_1RB_Right	15.64	/	/	18.74	/	/	<=23	Pass	
		Outer_Full	15.50	/	/	18.60	/	/	<=23	Pass	
	DFT-s-OFDM QPSK	3570	Inner_Full	16.14	/	/	19.24	/	/	<=23	Pass
			Inner_1RB_Left	16.17	/	/	19.27	/	/	<=23	Pass
			Inner_1RB_Right	16.22	/	/	19.32	/	/	<=23	Pass
Edge_1RB_Left			15.62	/	/	18.72	/	/	<=23	Pass	
Edge_1RB_Right			15.84	/	/	18.94	/	/	<=23	Pass	
3624.99		Outer_Full	15.51	/	/	18.61	/	/	<=23	Pass	
		Inner_Full	16.73	/	/	19.83	/	/	<=23	Pass	
		Inner_1RB_Left	16.64	/	/	19.74	/	/	<=23	Pass	
		Inner_1RB_Right	16.87	/	/	19.97	/	/	<=23	Pass	
		Edge_1RB_Left	15.95	/	/	19.05	/	/	<=23	Pass	



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		Edge_1RB_Right	15.55	/	/	18.65	/	/	<=23	Pass
		Outer_Full	15.90	/	/	19.00	/	/	<=23	Pass
		Inner_Full	16.71	/	/	19.81	/	/	<=23	Pass
		Inner_1RB_Left	16.96	/	/	20.06	/	/	<=23	Pass
		Inner_1RB_Right	16.58	/	/	19.68	/	/	<=23	Pass
		Edge_1RB_Left	15.05	/	/	18.15	/	/	<=23	Pass
	3679.98	Edge_1RB_Right	15.14	/	/	18.24	/	/	<=23	Pass
		Outer_Full	15.05	/	/	18.15	/	/	<=23	Pass
		Inner_Full	16.02	/	/	19.12	/	/	<=23	Pass
		Inner_1RB_Left	16.01	/	/	19.11	/	/	<=23	Pass
		Inner_1RB_Right	16.20	/	/	19.30	/	/	<=23	Pass
		Edge_1RB_Left	14.62	/	/	17.72	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3570	Edge_1RB_Right	14.74	/	/	17.84	/	/	<=23	Pass
		Outer_Full	14.54	/	/	17.64	/	/	<=23	Pass
		Inner_Full	15.68	/	/	18.78	/	/	<=23	Pass
		Inner_1RB_Left	15.70	/	/	18.80	/	/	<=23	Pass
		Inner_1RB_Right	15.80	/	/	18.90	/	/	<=23	Pass
		Edge_1RB_Left	14.82	/	/	17.92	/	/	<=23	Pass
	3624.99	Edge_1RB_Right	14.54	/	/	17.64	/	/	<=23	Pass
		Outer_Full	14.68	/	/	17.78	/	/	<=23	Pass
		Inner_Full	15.97	/	/	19.07	/	/	<=23	Pass
		Inner_1RB_Left	15.91	/	/	19.01	/	/	<=23	Pass
		Inner_1RB_Right	15.65	/	/	18.75	/	/	<=23	Pass
		Edge_1RB_Left	14.04	/	/	17.14	/	/	<=23	Pass
3679.98	Edge_1RB_Right	14.11	/	/	17.21	/	/	<=23	Pass	
	Outer_Full	14.13	/	/	17.23	/	/	<=23	Pass	
	Inner_Full	15.04	/	/	18.14	/	/	<=23	Pass	
	Inner_1RB_Left	15.00	/	/	18.10	/	/	<=23	Pass	
	Inner_1RB_Right	15.13	/	/	18.23	/	/	<=23	Pass	
	Edge_1RB_Left	13.94	/	/	17.04	/	/	<=23	Pass	
DFT-s-OFDM 64 QAM	3570	Edge_1RB_Right	14.37	/	/	17.47	/	/	<=23	Pass
		Outer_Full	14.08	/	/	17.18	/	/	<=23	Pass
		Inner_Full	14.16	/	/	17.26	/	/	<=23	Pass
		Inner_1RB_Left	14.31	/	/	17.41	/	/	<=23	Pass
		Inner_1RB_Right	14.39	/	/	17.49	/	/	<=23	Pass
		Edge_1RB_Left	14.25	/	/	17.35	/	/	<=23	Pass
	3624.99	Edge_1RB_Right	13.90	/	/	17.00	/	/	<=23	Pass
		Outer_Full	14.31	/	/	17.41	/	/	<=23	Pass
		Inner_Full	14.19	/	/	17.29	/	/	<=23	Pass
		Inner_1RB_Left	14.33	/	/	17.43	/	/	<=23	Pass
		Inner_1RB_Right	14.02	/	/	17.12	/	/	<=23	Pass
		Edge_1RB_Left	13.65	/	/	16.75	/	/	<=23	Pass
3679.98	Edge_1RB_Right	13.70	/	/	16.80	/	/	<=23	Pass	
	Outer_Full	13.39	/	/	16.49	/	/	<=23	Pass	
	Inner_Full	13.36	/	/	16.46	/	/	<=23	Pass	
	Inner_1RB_Left	13.50	/	/	16.60	/	/	<=23	Pass	
	Inner_1RB_Right	13.63	/	/	16.73	/	/	<=23	Pass	
	Edge_1RB_Left	12.22	/	/	15.32	/	/	<=23	Pass	
DFT-s-OFDM 256 QAM	3570	Edge_1RB_Right	12.23	/	/	15.33	/	/	<=23	Pass
		Outer_Full	12.29	/	/	15.39	/	/	<=23	Pass
		Inner_Full	12.33	/	/	15.43	/	/	<=23	Pass
		Inner_1RB_Left	12.14	/	/	15.24	/	/	<=23	Pass
		Inner_1RB_Right	12.37	/	/	15.47	/	/	<=23	Pass
		Edge_1RB_Left	12.69	/	/	15.79	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	12.69	/	/	15.79	/	/	<=23	Pass



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		Edge_1RB_Right	12.22	/	/	15.32	/	/	<=23	Pass		
		Outer_Full	12.60	/	/	15.70	/	/	<=23	Pass		
		Inner_Full	12.72	/	/	15.82	/	/	<=23	Pass		
		Inner_1RB_Left	12.63	/	/	15.73	/	/	<=23	Pass		
		Inner_1RB_Right	12.18	/	/	15.28	/	/	<=23	Pass		
		3679.98	Edge_1RB_Left	11.78	/	/	14.88	/	/	<=23	Pass	
			Edge_1RB_Right	11.71	/	/	14.81	/	/	<=23	Pass	
			Outer_Full	11.79	/	/	14.89	/	/	<=23	Pass	
			Inner_Full	11.77	/	/	14.87	/	/	<=23	Pass	
			Inner_1RB_Left	11.78	/	/	14.88	/	/	<=23	Pass	
			Inner_1RB_Right	11.65	/	/	14.75	/	/	<=23	Pass	
		CP-OFDM QPSK	3570	Edge_1RB_Left	13.80	/	/	16.90	/	/	<=23	Pass
				Edge_1RB_Right	14.16	/	/	17.26	/	/	<=23	Pass
				Outer_Full	13.94	/	/	17.04	/	/	<=23	Pass
Inner_Full	15.17			/	/	18.27	/	/	<=23	Pass		
Inner_1RB_Left	15.24			/	/	18.34	/	/	<=23	Pass		
Inner_1RB_Right	15.24			/	/	18.34	/	/	<=23	Pass		
3624.99	Edge_1RB_Left		14.22	/	/	17.32	/	/	<=23	Pass		
	Edge_1RB_Right		13.88	/	/	16.98	/	/	<=23	Pass		
	Outer_Full		14.14	/	/	17.24	/	/	<=23	Pass		
	Inner_Full		15.25	/	/	18.35	/	/	<=23	Pass		
	Inner_1RB_Left		15.34	/	/	18.44	/	/	<=23	Pass		
	Inner_1RB_Right		15.18	/	/	18.28	/	/	<=23	Pass		
3679.98	Edge_1RB_Left		13.40	/	/	16.50	/	/	<=23	Pass		
	Edge_1RB_Right		13.43	/	/	16.53	/	/	<=23	Pass		
	Outer_Full	13.40	/	/	16.50	/	/	<=23	Pass			
	Inner_Full	14.62	/	/	17.72	/	/	<=23	Pass			
	Inner_1RB_Left	14.55	/	/	17.65	/	/	<=23	Pass			
	Inner_1RB_Right	14.64	/	/	17.74	/	/	<=23	Pass			
CP-OFDM 16 QAM	3570	Edge_1RB_Left	13.70	/	/	16.80	/	/	<=23	Pass		
		Edge_1RB_Right	14.36	/	/	17.46	/	/	<=23	Pass		
		Outer_Full	13.86	/	/	16.96	/	/	<=23	Pass		
		Inner_Full	14.52	/	/	17.62	/	/	<=23	Pass		
		Inner_1RB_Left	14.49	/	/	17.59	/	/	<=23	Pass		
		Inner_1RB_Right	14.70	/	/	17.80	/	/	<=23	Pass		
	3624.99	Edge_1RB_Left	14.06	/	/	17.16	/	/	<=23	Pass		
		Edge_1RB_Right	13.81	/	/	16.91	/	/	<=23	Pass		
		Outer_Full	14.12	/	/	17.22	/	/	<=23	Pass		
		Inner_Full	14.89	/	/	17.99	/	/	<=23	Pass		
		Inner_1RB_Left	14.80	/	/	17.90	/	/	<=23	Pass		
		Inner_1RB_Right	14.55	/	/	17.65	/	/	<=23	Pass		
	3679.98	Edge_1RB_Left	13.45	/	/	16.55	/	/	<=23	Pass		
		Edge_1RB_Right	13.59	/	/	16.69	/	/	<=23	Pass		
Outer_Full		13.34	/	/	16.44	/	/	<=23	Pass			
Inner_Full		13.84	/	/	16.94	/	/	<=23	Pass			
Inner_1RB_Left		14.08	/	/	17.18	/	/	<=23	Pass			
Inner_1RB_Right		14.15	/	/	17.25	/	/	<=23	Pass			
CP-OFDM 64 QAM	3570	Edge_1RB_Left	13.35	/	/	16.45	/	/	<=23	Pass		
		Edge_1RB_Right	13.71	/	/	16.81	/	/	<=23	Pass		
		Outer_Full	13.42	/	/	16.52	/	/	<=23	Pass		
		Inner_Full	13.35	/	/	16.45	/	/	<=23	Pass		
		Inner_1RB_Left	13.42	/	/	16.52	/	/	<=23	Pass		
		Inner_1RB_Right	13.74	/	/	16.84	/	/	<=23	Pass		
	3624.99	Edge_1RB_Left	13.72	/	/	16.82	/	/	<=23	Pass		



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CP-OFDM 256 QAM	3679.98	Edge_1RB_Right	13.59	/	/	16.69	/	/	<=23	Pass	
		Outer_Full	13.61	/	/	16.71	/	/	<=23	Pass	
		Inner_Full	13.73	/	/	16.83	/	/	<=23	Pass	
		Inner_1RB_Left	13.89	/	/	16.99	/	/	<=23	Pass	
		Inner_1RB_Right	13.65	/	/	16.75	/	/	<=23	Pass	
	3679.98	Edge_1RB_Left	13.07	/	/	16.17	/	/	<=23	Pass	
		Edge_1RB_Right	13.05	/	/	16.15	/	/	<=23	Pass	
		Outer_Full	12.82	/	/	15.92	/	/	<=23	Pass	
		Inner_Full	12.82	/	/	15.92	/	/	<=23	Pass	
		Inner_1RB_Left	13.11	/	/	16.21	/	/	<=23	Pass	
	CP-OFDM 256 QAM	3570	Edge_1RB_Left	10.38	/	/	13.48	/	/	<=23	Pass
			Edge_1RB_Right	10.58	/	/	13.68	/	/	<=23	Pass
			Outer_Full	10.37	/	/	13.47	/	/	<=23	Pass
			Inner_Full	10.24	/	/	13.34	/	/	<=23	Pass
Inner_1RB_Left			10.31	/	/	13.41	/	/	<=23	Pass	
3624.99		Inner_1RB_Right	10.52	/	/	13.62	/	/	<=23	Pass	
		Edge_1RB_Left	10.60	/	/	13.70	/	/	<=23	Pass	
		Edge_1RB_Right	10.30	/	/	13.40	/	/	<=23	Pass	
		Outer_Full	10.50	/	/	13.60	/	/	<=23	Pass	
		Inner_Full	10.54	/	/	13.64	/	/	<=23	Pass	
3679.98		Inner_1RB_Left	10.74	/	/	13.84	/	/	<=23	Pass	
		Inner_1RB_Right	10.32	/	/	13.42	/	/	<=23	Pass	
		Edge_1RB_Left	9.79	/	/	12.89	/	/	<=23	Pass	
		Edge_1RB_Right	9.91	/	/	13.01	/	/	<=23	Pass	
	Outer_Full	9.93	/	/	13.03	/	/	<=23	Pass		
3679.98	Inner_Full	9.80	/	/	12.90	/	/	<=23	Pass		
	Inner_1RB_Left	9.96	/	/	13.06	/	/	<=23	Pass		
	Inner_1RB_Right	9.90	/	/	13.00	/	/	<=23	Pass		

Note1: Antenna Gain: Ant1: 3.10dBi;
Note2: EIRP=Conducted Power+Antenna Gain

2.8 30k_SISO_40MHz_NTNV_EIRP/10MHz

2.8.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Edge_1RB_Left	16.56	/	/	19.66	/	/	<=23	Pass
		Edge_1RB_Right	16.03	/	/	19.13	/	/	<=23	Pass
		Outer_Full	10.55	/	/	13.65	/	/	<=23	Pass
		Inner_Full	13.61	/	/	16.71	/	/	<=23	Pass
		Inner_1RB_Left	16.65	/	/	19.75	/	/	<=23	Pass
	3624.99	Inner_1RB_Right	17.64	/	/	20.74	/	/	<=23	Pass
		Edge_1RB_Left	17.41	/	/	20.51	/	/	<=23	Pass
		Edge_1RB_Right	16.88	/	/	19.98	/	/	<=23	Pass
		Outer_Full	10.12	/	/	13.22	/	/	<=23	Pass
		Inner_Full	13.95	/	/	17.05	/	/	<=23	Pass
	3679.98	Inner_1RB_Left	16.82	/	/	19.92	/	/	<=23	Pass
		Inner_1RB_Right	17.42	/	/	20.52	/	/	<=23	Pass
		Edge_1RB_Left	16.29	/	/	19.39	/	/	<=23	Pass



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		Edge_1RB_Right	15.74	/	/	18.84	/	/	<=23	Pass
		Outer_Full	11.61	/	/	14.71	/	/	<=23	Pass
		Inner_Full	15.55	/	/	18.65	/	/	<=23	Pass
		Inner_1RB_Left	17.01	/	/	20.11	/	/	<=23	Pass
		Inner_1RB_Right	16.87	/	/	19.97	/	/	<=23	Pass
DFT-s-OFDM QPSK	3570	Edge_1RB_Left	15.41	/	/	18.51	/	/	<=23	Pass
		Edge_1RB_Right	17.09	/	/	20.19	/	/	<=23	Pass
		Outer_Full	11.59	/	/	14.69	/	/	<=23	Pass
		Inner_Full	16.42	/	/	19.52	/	/	<=23	Pass
		Inner_1RB_Left	19.11	/	/	22.21	/	/	<=23	Pass
		Inner_1RB_Right	18.12	/	/	21.22	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.14	/	/	21.24	/	/	<=23	Pass
		Edge_1RB_Right	16.90	/	/	20.00	/	/	<=23	Pass
		Outer_Full	11.60	/	/	14.70	/	/	<=23	Pass
		Inner_Full	14.47	/	/	17.57	/	/	<=23	Pass
		Inner_1RB_Left	18.64	/	/	21.74	/	/	<=23	Pass
		Inner_1RB_Right	16.97	/	/	20.07	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	15.67	/	/	18.77	/	/	<=23	Pass
		Edge_1RB_Right	18.14	/	/	21.24	/	/	<=23	Pass
		Outer_Full	10.81	/	/	13.91	/	/	<=23	Pass
		Inner_Full	14.49	/	/	17.59	/	/	<=23	Pass
		Inner_1RB_Left	17.73	/	/	20.83	/	/	<=23	Pass
		Inner_1RB_Right	16.83	/	/	19.93	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3570	Edge_1RB_Left	14.22	/	/	17.32	/	/	<=23	Pass
		Edge_1RB_Right	17.75	/	/	20.85	/	/	<=23	Pass
		Outer_Full	9.21	/	/	12.31	/	/	<=23	Pass
		Inner_Full	15.08	/	/	18.18	/	/	<=23	Pass
		Inner_1RB_Left	17.86	/	/	20.96	/	/	<=23	Pass
		Inner_1RB_Right	17.48	/	/	20.58	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	16.53	/	/	19.63	/	/	<=23	Pass
		Edge_1RB_Right	16.28	/	/	19.38	/	/	<=23	Pass
		Outer_Full	8.74	/	/	11.84	/	/	<=23	Pass
		Inner_Full	13.32	/	/	16.42	/	/	<=23	Pass
		Inner_1RB_Left	15.85	/	/	18.95	/	/	<=23	Pass
		Inner_1RB_Right	14.36	/	/	17.46	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	15.69	/	/	18.79	/	/	<=23	Pass
		Edge_1RB_Right	15.64	/	/	18.74	/	/	<=23	Pass
		Outer_Full	10.12	/	/	13.22	/	/	<=23	Pass
		Inner_Full	12.86	/	/	15.96	/	/	<=23	Pass
		Inner_1RB_Left	16.89	/	/	19.99	/	/	<=23	Pass
		Inner_1RB_Right	17.69	/	/	20.79	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3570	Edge_1RB_Left	14.59	/	/	17.69	/	/	<=23	Pass
		Edge_1RB_Right	16.04	/	/	19.14	/	/	<=23	Pass
		Outer_Full	10.23	/	/	13.33	/	/	<=23	Pass
		Inner_Full	12.28	/	/	15.38	/	/	<=23	Pass
		Inner_1RB_Left	14.79	/	/	17.89	/	/	<=23	Pass
		Inner_1RB_Right	15.36	/	/	18.46	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	14.41	/	/	17.51	/	/	<=23	Pass
		Edge_1RB_Right	15.85	/	/	18.95	/	/	<=23	Pass
		Outer_Full	9.76	/	/	12.86	/	/	<=23	Pass
		Inner_Full	11.46	/	/	14.56	/	/	<=23	Pass
		Inner_1RB_Left	15.22	/	/	18.32	/	/	<=23	Pass
		Inner_1RB_Right	16.35	/	/	19.45	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	15.65	/	/	18.75	/	/	<=23	Pass



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		Edge_1RB_Right	14.05	/	/	17.15	/	/	<=23	Pass
		Outer_Full	8.97	/	/	12.07	/	/	<=23	Pass
		Inner_Full	11.64	/	/	14.74	/	/	<=23	Pass
		Inner_1RB_Left	14.44	/	/	17.54	/	/	<=23	Pass
		Inner_1RB_Right	15.08	/	/	18.18	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3570	Edge_1RB_Left	12.65	/	/	15.75	/	/	<=23	Pass
		Edge_1RB_Right	12.40	/	/	15.50	/	/	<=23	Pass
		Outer_Full	8.37	/	/	11.47	/	/	<=23	Pass
		Inner_Full	11.95	/	/	15.05	/	/	<=23	Pass
		Inner_1RB_Left	14.06	/	/	17.16	/	/	<=23	Pass
		Inner_1RB_Right	14.93	/	/	18.03	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	13.91	/	/	17.01	/	/	<=23	Pass
		Edge_1RB_Right	13.96	/	/	17.06	/	/	<=23	Pass
		Outer_Full	7.48	/	/	10.58	/	/	<=23	Pass
		Inner_Full	11.81	/	/	14.91	/	/	<=23	Pass
		Inner_1RB_Left	13.86	/	/	16.96	/	/	<=23	Pass
		Inner_1RB_Right	13.28	/	/	16.38	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	13.84	/	/	16.94	/	/	<=23	Pass
		Edge_1RB_Right	13.95	/	/	17.05	/	/	<=23	Pass
		Outer_Full	8.04	/	/	11.14	/	/	<=23	Pass
		Inner_Full	10.81	/	/	13.91	/	/	<=23	Pass
		Inner_1RB_Left	13.98	/	/	17.08	/	/	<=23	Pass
		Inner_1RB_Right	14.12	/	/	17.22	/	/	<=23	Pass
CP-OFDM QPSK	3570	Edge_1RB_Left	15.75	/	/	18.85	/	/	<=23	Pass
		Edge_1RB_Right	15.50	/	/	18.60	/	/	<=23	Pass
		Outer_Full	8.94	/	/	12.04	/	/	<=23	Pass
		Inner_Full	14.57	/	/	17.67	/	/	<=23	Pass
		Inner_1RB_Left	16.34	/	/	19.44	/	/	<=23	Pass
		Inner_1RB_Right	17.84	/	/	20.94	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	13.83	/	/	16.93	/	/	<=23	Pass
		Edge_1RB_Right	13.06	/	/	16.16	/	/	<=23	Pass
		Outer_Full	9.48	/	/	12.58	/	/	<=23	Pass
		Inner_Full	14.12	/	/	17.22	/	/	<=23	Pass
		Inner_1RB_Left	16.02	/	/	19.12	/	/	<=23	Pass
		Inner_1RB_Right	16.75	/	/	19.85	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	14.45	/	/	17.55	/	/	<=23	Pass
		Edge_1RB_Right	13.27	/	/	16.37	/	/	<=23	Pass
		Outer_Full	9.32	/	/	12.42	/	/	<=23	Pass
		Inner_Full	12.91	/	/	16.01	/	/	<=23	Pass
		Inner_1RB_Left	15.37	/	/	18.47	/	/	<=23	Pass
		Inner_1RB_Right	17.16	/	/	20.26	/	/	<=23	Pass
CP-OFDM 16 QAM	3570	Edge_1RB_Left	16.49	/	/	19.59	/	/	<=23	Pass
		Edge_1RB_Right	14.31	/	/	17.41	/	/	<=23	Pass
		Outer_Full	8.82	/	/	11.92	/	/	<=23	Pass
		Inner_Full	13.43	/	/	16.53	/	/	<=23	Pass
		Inner_1RB_Left	16.74	/	/	19.84	/	/	<=23	Pass
		Inner_1RB_Right	15.66	/	/	18.76	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	15.87	/	/	18.97	/	/	<=23	Pass
		Edge_1RB_Right	16.09	/	/	19.19	/	/	<=23	Pass
		Outer_Full	10.15	/	/	13.25	/	/	<=23	Pass
		Inner_Full	13.99	/	/	17.09	/	/	<=23	Pass
		Inner_1RB_Left	15.80	/	/	18.90	/	/	<=23	Pass
		Inner_1RB_Right	17.39	/	/	20.49	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	14.88	/	/	17.98	/	/	<=23	Pass



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		Edge_1RB_Right	13.31	/	/	16.41	/	/	<=23	Pass
		Outer_Full	8.09	/	/	11.19	/	/	<=23	Pass
		Inner_Full	12.32	/	/	15.42	/	/	<=23	Pass
		Inner_1RB_Left	14.32	/	/	17.42	/	/	<=23	Pass
		Inner_1RB_Right	15.81	/	/	18.91	/	/	<=23	Pass
CP-OFDM 64 QAM	3570	Edge_1RB_Left	16.56	/	/	19.66	/	/	<=23	Pass
		Edge_1RB_Right	16.42	/	/	19.52	/	/	<=23	Pass
		Outer_Full	9.86	/	/	12.96	/	/	<=23	Pass
		Inner_Full	12.20	/	/	15.30	/	/	<=23	Pass
		Inner_1RB_Left	14.36	/	/	17.46	/	/	<=23	Pass
		Inner_1RB_Right	15.45	/	/	18.55	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	16.74	/	/	19.84	/	/	<=23	Pass
		Edge_1RB_Right	14.76	/	/	17.86	/	/	<=23	Pass
		Outer_Full	9.61	/	/	12.71	/	/	<=23	Pass
		Inner_Full	11.84	/	/	14.94	/	/	<=23	Pass
		Inner_1RB_Left	14.08	/	/	17.18	/	/	<=23	Pass
		Inner_1RB_Right	15.62	/	/	18.72	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	15.52	/	/	18.62	/	/	<=23	Pass
		Edge_1RB_Right	14.37	/	/	17.47	/	/	<=23	Pass
		Outer_Full	8.46	/	/	11.56	/	/	<=23	Pass
		Inner_Full	11.71	/	/	14.81	/	/	<=23	Pass
		Inner_1RB_Left	15.82	/	/	18.92	/	/	<=23	Pass
		Inner_1RB_Right	15.48	/	/	18.58	/	/	<=23	Pass
CP-OFDM 256 QAM	3570	Edge_1RB_Left	10.12	/	/	13.22	/	/	<=23	Pass
		Edge_1RB_Right	12.98	/	/	16.08	/	/	<=23	Pass
		Outer_Full	6.28	/	/	9.38	/	/	<=23	Pass
		Inner_Full	8.39	/	/	11.49	/	/	<=23	Pass
		Inner_1RB_Left	13.54	/	/	16.64	/	/	<=23	Pass
		Inner_1RB_Right	12.98	/	/	16.08	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	11.19	/	/	14.29	/	/	<=23	Pass
		Edge_1RB_Right	11.23	/	/	14.33	/	/	<=23	Pass
		Outer_Full	7.19	/	/	10.29	/	/	<=23	Pass
		Inner_Full	8.69	/	/	11.79	/	/	<=23	Pass
		Inner_1RB_Left	13.08	/	/	16.18	/	/	<=23	Pass
		Inner_1RB_Right	9.43	/	/	12.53	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	11.84	/	/	14.94	/	/	<=23	Pass
		Edge_1RB_Right	11.82	/	/	14.92	/	/	<=23	Pass
		Outer_Full	4.93	/	/	8.03	/	/	<=23	Pass
		Inner_Full	8.00	/	/	11.10	/	/	<=23	Pass
		Inner_1RB_Left	12.70	/	/	15.80	/	/	<=23	Pass
		Inner_1RB_Right	11.19	/	/	14.29	/	/	<=23	Pass

Note1: Antenna Gain: Ant1: 3.10dBi;
 Note2: EIRP=Conducted Power+Antenna Gain

3. Frequency Stability

3.1 30k_SISO_10MHz

3.1.1 Test Result

5G NR n48 SCS=30kHz SISO 10MHz



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Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	12.30	0.0034	>=-2.5 & <=2.5	Pass
				HV	8.90	0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	8.40	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-11.90	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	12.90	0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-13.80	-0.0038	>=-2.5 & <=2.5	Pass
			20	NV	2.20	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	6.20	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	10.90	0.0030	>=-2.5 & <=2.5	Pass
50	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	9.50	0.0026	>=-2.5 & <=2.5	Pass
				HV	10.20	0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	5.70	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	5.10	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	5.90	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	6.50	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	5.40	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	6.10	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	4.30	0.0012	>=-2.5 & <=2.5	Pass
50	NV	8.20	0.0023	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	11.90	0.0033	>=-2.5 & <=2.5	Pass
				HV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	11.30	0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	1.70	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	6.10	0.0017	>=-2.5 & <=2.5	Pass
			0	NV	9.80	0.0027	>=-2.5 & <=2.5	Pass
			10	NV	6.00	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	4.10	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	4.90	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-12.70	-0.0035	>=-2.5 & <=2.5	Pass
50	NV	9.60	0.0026	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	14.60	0.0040	>=-2.5 & <=2.5	Pass
				HV	5.30	0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	6.10	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	11.70	0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-13.40	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	18.00	0.0050	>=-2.5 & <=2.5	Pass
			30	NV	7.20	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	13.00	0.0036	>=-2.5 & <=2.5	Pass
50	NV	14.60	0.0040	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	10.00	0.0028	>=-2.5 & <=2.5	Pass
				HV	14.70	0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	19.10	0.0053	>=-2.5 & <=2.5	Pass
			-10	NV	-15.30	-0.0042	>=-2.5 & <=2.5	Pass
			0	NV	-16.80	-0.0046	>=-2.5 & <=2.5	Pass
			10	NV	6.20	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	12.40	0.0034	>=-2.5 & <=2.5	Pass



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			30	NV	-9.80	-0.0027	>=-2.5 & <=2.5	Pass			
			40	NV	5.70	0.0016	>=-2.5 & <=2.5	Pass			
			50	NV	21.10	0.0058	>=-2.5 & <=2.5	Pass			
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass			
				HV	11.60	0.0032	>=-2.5 & <=2.5	Pass			
						-30	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
						-20	NV	1.50	0.0004	>=-2.5 & <=2.5	Pass
						-10	NV	-1.70	-0.0005	>=-2.5 & <=2.5	Pass
						0	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
						10	NV	5.10	0.0014	>=-2.5 & <=2.5	Pass
						20	NV	11.10	0.0031	>=-2.5 & <=2.5	Pass
						30	NV	9.00	0.0025	>=-2.5 & <=2.5	Pass
						40	NV	9.50	0.0026	>=-2.5 & <=2.5	Pass
						50	NV	7.40	0.0020	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	3.10	0.0009	>=-2.5 & <=2.5	Pass			
				HV	10.60	0.0029	>=-2.5 & <=2.5	Pass			
						-30	NV	15.90	0.0044	>=-2.5 & <=2.5	Pass
						-20	NV	2.70	0.0007	>=-2.5 & <=2.5	Pass
						-10	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
						0	NV	12.60	0.0035	>=-2.5 & <=2.5	Pass
						10	NV	16.60	0.0046	>=-2.5 & <=2.5	Pass
						20	NV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass
						30	NV	5.90	0.0016	>=-2.5 & <=2.5	Pass
						40	NV	13.10	0.0036	>=-2.5 & <=2.5	Pass
						50	NV	11.60	0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	5.00	0.0014	>=-2.5 & <=2.5	Pass			
				HV	-13.10	-0.0036	>=-2.5 & <=2.5	Pass			
						-30	NV	4.90	0.0014	>=-2.5 & <=2.5	Pass
						-20	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
						-10	NV	15.80	0.0044	>=-2.5 & <=2.5	Pass
						0	NV	5.80	0.0016	>=-2.5 & <=2.5	Pass
						10	NV	2.80	0.0008	>=-2.5 & <=2.5	Pass
						20	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
						30	NV	11.00	0.0030	>=-2.5 & <=2.5	Pass
						40	NV	-9.90	-0.0027	>=-2.5 & <=2.5	Pass
						50	NV	7.70	0.0021	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	11.70	0.0032	>=-2.5 & <=2.5	Pass			
				HV	20.30	0.0056	>=-2.5 & <=2.5	Pass			
						-30	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
						-20	NV	26.20	0.0072	>=-2.5 & <=2.5	Pass
						-10	NV	12.40	0.0034	>=-2.5 & <=2.5	Pass
						0	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
						10	NV	10.30	0.0028	>=-2.5 & <=2.5	Pass
						20	NV	3.00	0.0008	>=-2.5 & <=2.5	Pass
						30	NV	-1.40	-0.0004	>=-2.5 & <=2.5	Pass
						40	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
						50	NV	5.30	0.0015	>=-2.5 & <=2.5	Pass

3.2 30k_SISO_20MHz

3.2.1 Test Result



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5G NR n48 SCS=30kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
				HV	4.50	0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-12.10	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	2.30	0.0006	>=-2.5 & <=2.5	Pass
			10	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	4.60	0.0013	>=-2.5 & <=2.5	Pass
			40	NV	14.70	0.0041	>=-2.5 & <=2.5	Pass
50	NV	3.00	0.0008	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-10.20	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-12.60	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	5.40	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-12.40	-0.0034	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	8.10	0.0022	>=-2.5 & <=2.5	Pass
50	NV	-20.70	-0.0057	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-16.10	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	-11.90	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	8.20	0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	16.00	0.0044	>=-2.5 & <=2.5	Pass
			10	NV	6.00	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-13.80	-0.0038	>=-2.5 & <=2.5	Pass
			30	NV	4.80	0.0013	>=-2.5 & <=2.5	Pass
			40	NV	6.60	0.0018	>=-2.5 & <=2.5	Pass
50	NV	-19.90	-0.0055	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	6.10	0.0017	>=-2.5 & <=2.5	Pass
				HV	-19.50	-0.0054	>=-2.5 & <=2.5	Pass
			-30	NV	5.80	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	7.30	0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	11.90	0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-9.10	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	10.70	0.0030	>=-2.5 & <=2.5	Pass
			20	NV	6.00	0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-16.40	-0.0045	>=-2.5 & <=2.5	Pass
			40	NV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
50	NV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-5.30	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-18.80	-0.0052	>=-2.5 & <=2.5	Pass
			-30	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	10.50	0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-11.70	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	8.70	0.0024	>=-2.5 & <=2.5	Pass
10	NV	-1.50	-0.0004	>=-2.5 & <=2.5	Pass			



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			20	NV	-17.10	-0.0047	>=-2.5 & <=2.5	Pass			
			30	NV	-22.10	-0.0061	>=-2.5 & <=2.5	Pass			
			40	NV	3.50	0.0010	>=-2.5 & <=2.5	Pass			
			50	NV	6.40	0.0018	>=-2.5 & <=2.5	Pass			
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	2.40	0.0007	>=-2.5 & <=2.5	Pass			
				HV	-0.90	-0.0002	>=-2.5 & <=2.5	Pass			
						-30	NV	-1.70	-0.0005	>=-2.5 & <=2.5	Pass
						-20	NV	7.30	0.0020	>=-2.5 & <=2.5	Pass
						-10	NV	-14.20	-0.0039	>=-2.5 & <=2.5	Pass
						0	NV	-15.70	-0.0043	>=-2.5 & <=2.5	Pass
						10	NV	-11.50	-0.0032	>=-2.5 & <=2.5	Pass
						20	NV	-11.90	-0.0033	>=-2.5 & <=2.5	Pass
						30	NV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
						40	NV	10.00	0.0028	>=-2.5 & <=2.5	Pass
			50	NV	1.40	0.0004	>=-2.5 & <=2.5	Pass			
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-8.30	-0.0023	>=-2.5 & <=2.5	Pass			
				HV	-9.90	-0.0027	>=-2.5 & <=2.5	Pass			
						-30	NV	-1.40	-0.0004	>=-2.5 & <=2.5	Pass
						-20	NV	-15.00	-0.0041	>=-2.5 & <=2.5	Pass
						-10	NV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass
						0	NV	5.50	0.0015	>=-2.5 & <=2.5	Pass
						10	NV	-10.70	-0.0030	>=-2.5 & <=2.5	Pass
						20	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
						30	NV	-19.80	-0.0055	>=-2.5 & <=2.5	Pass
						40	NV	0.80	0.0002	>=-2.5 & <=2.5	Pass
			50	NV	15.10	0.0042	>=-2.5 & <=2.5	Pass			
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	9.60	0.0026	>=-2.5 & <=2.5	Pass			
				HV	-12.30	-0.0034	>=-2.5 & <=2.5	Pass			
						-30	NV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
						-20	NV	3.00	0.0008	>=-2.5 & <=2.5	Pass
						-10	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
						0	NV	-18.10	-0.0050	>=-2.5 & <=2.5	Pass
						10	NV	-9.80	-0.0027	>=-2.5 & <=2.5	Pass
						20	NV	13.20	0.0036	>=-2.5 & <=2.5	Pass
						30	NV	2.00	0.0006	>=-2.5 & <=2.5	Pass
						40	NV	-9.90	-0.0027	>=-2.5 & <=2.5	Pass
			50	NV	13.30	0.0037	>=-2.5 & <=2.5	Pass			
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	5.90	0.0016	>=-2.5 & <=2.5	Pass			
				HV	-10.70	-0.0030	>=-2.5 & <=2.5	Pass			
						-30	NV	-22.40	-0.0062	>=-2.5 & <=2.5	Pass
						-20	NV	-16.10	-0.0044	>=-2.5 & <=2.5	Pass
						-10	NV	3.10	0.0009	>=-2.5 & <=2.5	Pass
						0	NV	1.70	0.0005	>=-2.5 & <=2.5	Pass
						10	NV	-10.10	-0.0028	>=-2.5 & <=2.5	Pass
						20	NV	-1.60	-0.0004	>=-2.5 & <=2.5	Pass
						30	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
						40	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	7.80	0.0022	>=-2.5 & <=2.5	Pass			

3.3 30k_SISO_30MHz

3.3.1 Test Result



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5G NR n48 SCS=30kHz SISO 30MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	4.40	0.0012	>=-2.5 & <=2.5	Pass
				HV	-17.20	-0.0047	>=-2.5 & <=2.5	Pass
			-30	NV	-8.80	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-11.10	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	8.10	0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-8.00	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-11.00	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	4.00	0.0011	>=-2.5 & <=2.5	Pass
50	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-20.10	-0.0055	>=-2.5 & <=2.5	Pass
			-20	NV	-9.50	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	7.50	0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-2.30	-0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-16.40	-0.0045	>=-2.5 & <=2.5	Pass
50	NV	-11.30	-0.0031	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	4.00	0.0011	>=-2.5 & <=2.5	Pass
				HV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	8.90	0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-10.40	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-12.90	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-25.90	-0.0071	>=-2.5 & <=2.5	Pass
			20	NV	16.80	0.0046	>=-2.5 & <=2.5	Pass
			30	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-8.60	-0.0024	>=-2.5 & <=2.5	Pass
50	NV	-3.10	-0.0009	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	2.40	0.0007	>=-2.5 & <=2.5	Pass
				HV	-1.60	-0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	-4.30	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	3.70	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	6.80	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	5.80	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-8.30	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-15.20	-0.0042	>=-2.5 & <=2.5	Pass
50	NV	3.80	0.0010	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	5.70	0.0016	>=-2.5 & <=2.5	Pass
				HV	-10.40	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-10.10	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-5.80	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	1.10	0.0003	>=-2.5 & <=2.5	Pass
10	NV	12.40	0.0034	>=-2.5 & <=2.5	Pass			



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			20	NV	-16.10	-0.0044	>=-2.5 & <=2.5	Pass			
			30	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass			
			40	NV	-6.50	-0.0018	>=-2.5 & <=2.5	Pass			
			50	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass			
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-2.80	-0.0008	>=-2.5 & <=2.5	Pass			
				HV	8.90	0.0025	>=-2.5 & <=2.5	Pass			
						-30	NV	8.80	0.0024	>=-2.5 & <=2.5	Pass
						-20	NV	-14.10	-0.0039	>=-2.5 & <=2.5	Pass
						-10	NV	-9.30	-0.0026	>=-2.5 & <=2.5	Pass
						0	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
						10	NV	3.90	0.0011	>=-2.5 & <=2.5	Pass
						20	NV	-1.60	-0.0004	>=-2.5 & <=2.5	Pass
						30	NV	8.80	0.0024	>=-2.5 & <=2.5	Pass
						40	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass			
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-15.80	-0.0044	>=-2.5 & <=2.5	Pass			
				HV	13.70	0.0038	>=-2.5 & <=2.5	Pass			
						-30	NV	-13.90	-0.0038	>=-2.5 & <=2.5	Pass
						-20	NV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
						-10	NV	3.10	0.0009	>=-2.5 & <=2.5	Pass
						0	NV	15.60	0.0043	>=-2.5 & <=2.5	Pass
						10	NV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
						20	NV	2.20	0.0006	>=-2.5 & <=2.5	Pass
						30	NV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass
						40	NV	14.40	0.0040	>=-2.5 & <=2.5	Pass
			50	NV	-8.70	-0.0024	>=-2.5 & <=2.5	Pass			
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-8.40	-0.0023	>=-2.5 & <=2.5	Pass			
				HV	-7.10	-0.0020	>=-2.5 & <=2.5	Pass			
						-30	NV	-7.90	-0.0022	>=-2.5 & <=2.5	Pass
						-20	NV	-15.00	-0.0041	>=-2.5 & <=2.5	Pass
						-10	NV	8.90	0.0025	>=-2.5 & <=2.5	Pass
						0	NV	-1.10	-0.0003	>=-2.5 & <=2.5	Pass
						10	NV	5.10	0.0014	>=-2.5 & <=2.5	Pass
						20	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
						30	NV	-14.00	-0.0039	>=-2.5 & <=2.5	Pass
						40	NV	-14.80	-0.0041	>=-2.5 & <=2.5	Pass
			50	NV	-11.50	-0.0032	>=-2.5 & <=2.5	Pass			
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-2.70	-0.0007	>=-2.5 & <=2.5	Pass			
				HV	-1.60	-0.0004	>=-2.5 & <=2.5	Pass			
						-30	NV	8.30	0.0023	>=-2.5 & <=2.5	Pass
						-20	NV	-9.90	-0.0027	>=-2.5 & <=2.5	Pass
						-10	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
						0	NV	-1.30	-0.0004	>=-2.5 & <=2.5	Pass
						10	NV	-2.20	-0.0006	>=-2.5 & <=2.5	Pass
						20	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
						30	NV	4.90	0.0014	>=-2.5 & <=2.5	Pass
						40	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-14.70	-0.0041	>=-2.5 & <=2.5	Pass			

3.4 30k_SISO_40MHz

3.4.1 Test Result



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5G NR n48 SCS=30kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	25.60	0.0071	>=-2.5 & <=2.5	Pass
				HV	12.20	0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	3.90	0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-13.10	-0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	-9.10	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	3.90	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-1.80	-0.0005	>=-2.5 & <=2.5	Pass
50	NV	12.20	0.0034	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	2.20	0.0006	>=-2.5 & <=2.5	Pass
				HV	-13.00	-0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	12.20	0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	24.90	0.0069	>=-2.5 & <=2.5	Pass
			-10	NV	9.20	0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-8.60	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	5.30	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-1.90	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	13.70	0.0038	>=-2.5 & <=2.5	Pass
50	NV	2.40	0.0007	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	10.60	0.0029	>=-2.5 & <=2.5	Pass
				HV	-6.10	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	17.40	0.0048	>=-2.5 & <=2.5	Pass
			-20	NV	7.80	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	2.30	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	3.80	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-9.90	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	8.90	0.0025	>=-2.5 & <=2.5	Pass
			30	NV	4.40	0.0012	>=-2.5 & <=2.5	Pass
			40	NV	8.40	0.0023	>=-2.5 & <=2.5	Pass
50	NV	8.40	0.0023	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-14.10	-0.0039	>=-2.5 & <=2.5	Pass
				HV	4.20	0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	10.20	0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-9.50	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	5.70	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	14.20	0.0039	>=-2.5 & <=2.5	Pass
			30	NV	4.80	0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
50	NV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	1.60	0.0004	>=-2.5 & <=2.5	Pass
				HV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
10	NV	15.50	0.0043	>=-2.5 & <=2.5	Pass			



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			20	NV	-8.60	-0.0024	>=-2.5 & <=2.5	Pass			
			30	NV	10.60	0.0029	>=-2.5 & <=2.5	Pass			
			40	NV	16.20	0.0045	>=-2.5 & <=2.5	Pass			
			50	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass			
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	12.90	0.0036	>=-2.5 & <=2.5	Pass			
				HV	1.50	0.0004	>=-2.5 & <=2.5	Pass			
						-30	NV	-12.20	-0.0034	>=-2.5 & <=2.5	Pass
						-20	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
						-10	NV	5.40	0.0015	>=-2.5 & <=2.5	Pass
						0	NV	-10.00	-0.0028	>=-2.5 & <=2.5	Pass
						10	NV	11.10	0.0031	>=-2.5 & <=2.5	Pass
						20	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
						30	NV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
						40	NV	9.50	0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass			
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass			
				HV	6.10	0.0017	>=-2.5 & <=2.5	Pass			
						-30	NV	10.80	0.0030	>=-2.5 & <=2.5	Pass
						-20	NV	7.30	0.0020	>=-2.5 & <=2.5	Pass
						-10	NV	-16.70	-0.0046	>=-2.5 & <=2.5	Pass
						0	NV	10.00	0.0028	>=-2.5 & <=2.5	Pass
						10	NV	14.50	0.0040	>=-2.5 & <=2.5	Pass
						20	NV	13.20	0.0036	>=-2.5 & <=2.5	Pass
						30	NV	9.10	0.0025	>=-2.5 & <=2.5	Pass
						40	NV	2.80	0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-8.60	-0.0024	>=-2.5 & <=2.5	Pass			
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-7.60	-0.0021	>=-2.5 & <=2.5	Pass			
				HV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass			
						-30	NV	-16.70	-0.0046	>=-2.5 & <=2.5	Pass
						-20	NV	13.80	0.0038	>=-2.5 & <=2.5	Pass
						-10	NV	14.30	0.0039	>=-2.5 & <=2.5	Pass
						0	NV	3.90	0.0011	>=-2.5 & <=2.5	Pass
						10	NV	7.60	0.0021	>=-2.5 & <=2.5	Pass
						20	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
						30	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
						40	NV	3.40	0.0009	>=-2.5 & <=2.5	Pass
			50	NV	7.10	0.0020	>=-2.5 & <=2.5	Pass			
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	6.90	0.0019	>=-2.5 & <=2.5	Pass			
				HV	-0.90	-0.0002	>=-2.5 & <=2.5	Pass			
						-30	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
						-20	NV	7.80	0.0022	>=-2.5 & <=2.5	Pass
						-10	NV	8.60	0.0024	>=-2.5 & <=2.5	Pass
						0	NV	9.10	0.0025	>=-2.5 & <=2.5	Pass
						10	NV	5.10	0.0014	>=-2.5 & <=2.5	Pass
						20	NV	-16.70	-0.0046	>=-2.5 & <=2.5	Pass
						30	NV	-5.30	-0.0015	>=-2.5 & <=2.5	Pass
						40	NV	9.30	0.0026	>=-2.5 & <=2.5	Pass
			50	NV	6.20	0.0017	>=-2.5 & <=2.5	Pass			

4. Modulation Characteristics

4.1 30k_SISO_40MHz_NTNV



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4.1.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	Refer To Test Graph			?
DFT-s-OFDM QPSK	3624.99	Outer_Full	Refer To Test Graph			?
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	Refer To Test Graph			?
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	Refer To Test Graph			?
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	Refer To Test Graph			?
CP-OFDM QPSK	3624.99	Outer_Full	Refer To Test Graph			?
CP-OFDM 16 QAM	3624.99	Outer_Full	Refer To Test Graph			?
CP-OFDM 64 QAM	3624.99	Outer_Full	Refer To Test Graph			?
CP-OFDM 256 QAM	3624.99	Outer_Full	Refer To Test Graph			?



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4.1.2 Test Graph

n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full



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n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full



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n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full



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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full



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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full



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5. 99% & 26dB Bandwidth

5.1 30k_SISO_10MHz_NTNV

5.1.1 Test Result

5G NR n48 SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3555	Outer_Full	8.75	10.24	/	Pass
	3624.99	Outer_Full	8.64	9.97	/	Pass
	3694.98	Outer_Full	8.62	9.89	/	Pass
DFT-s-OFDM QPSK	3555	Outer_Full	8.76	10.33	/	Pass
	3624.99	Outer_Full	8.69	9.38	/	Pass
	3694.98	Outer_Full	8.74	9.87	/	Pass
DFT-s-OFDM 16 QAM	3555	Outer_Full	8.70	10.24	/	Pass
	3624.99	Outer_Full	8.64	9.86	/	Pass
	3694.98	Outer_Full	8.68	10.02	/	Pass
DFT-s-OFDM 64 QAM	3555	Outer_Full	8.72	10.31	/	Pass
	3624.99	Outer_Full	8.68	9.91	/	Pass
	3694.98	Outer_Full	8.65	9.97	/	Pass
DFT-s-OFDM 256 QAM	3555	Outer_Full	8.75	10.21	/	Pass
	3624.99	Outer_Full	8.64	9.40	/	Pass
	3694.98	Outer_Full	8.68	9.82	/	Pass
CP-OFDM QPSK	3555	Outer_Full	8.70	10.24	/	Pass
	3624.99	Outer_Full	8.70	9.65	/	Pass
	3694.98	Outer_Full	8.65	9.70	/	Pass
CP-OFDM 16 QAM	3555	Outer_Full	8.81	10.23	/	Pass
	3624.99	Outer_Full	8.69	9.66	/	Pass
	3694.98	Outer_Full	8.65	9.49	/	Pass
CP-OFDM 64 QAM	3555	Outer_Full	8.75	10.15	/	Pass
	3624.99	Outer_Full	8.68	9.73	/	Pass
	3694.98	Outer_Full	8.73	9.72	/	Pass
CP-OFDM 256 QAM	3555	Outer_Full	8.73	10.29	/	Pass
	3624.99	Outer_Full	8.75	9.59	/	Pass
	3694.98	Outer_Full	8.63	10.01	/	Pass

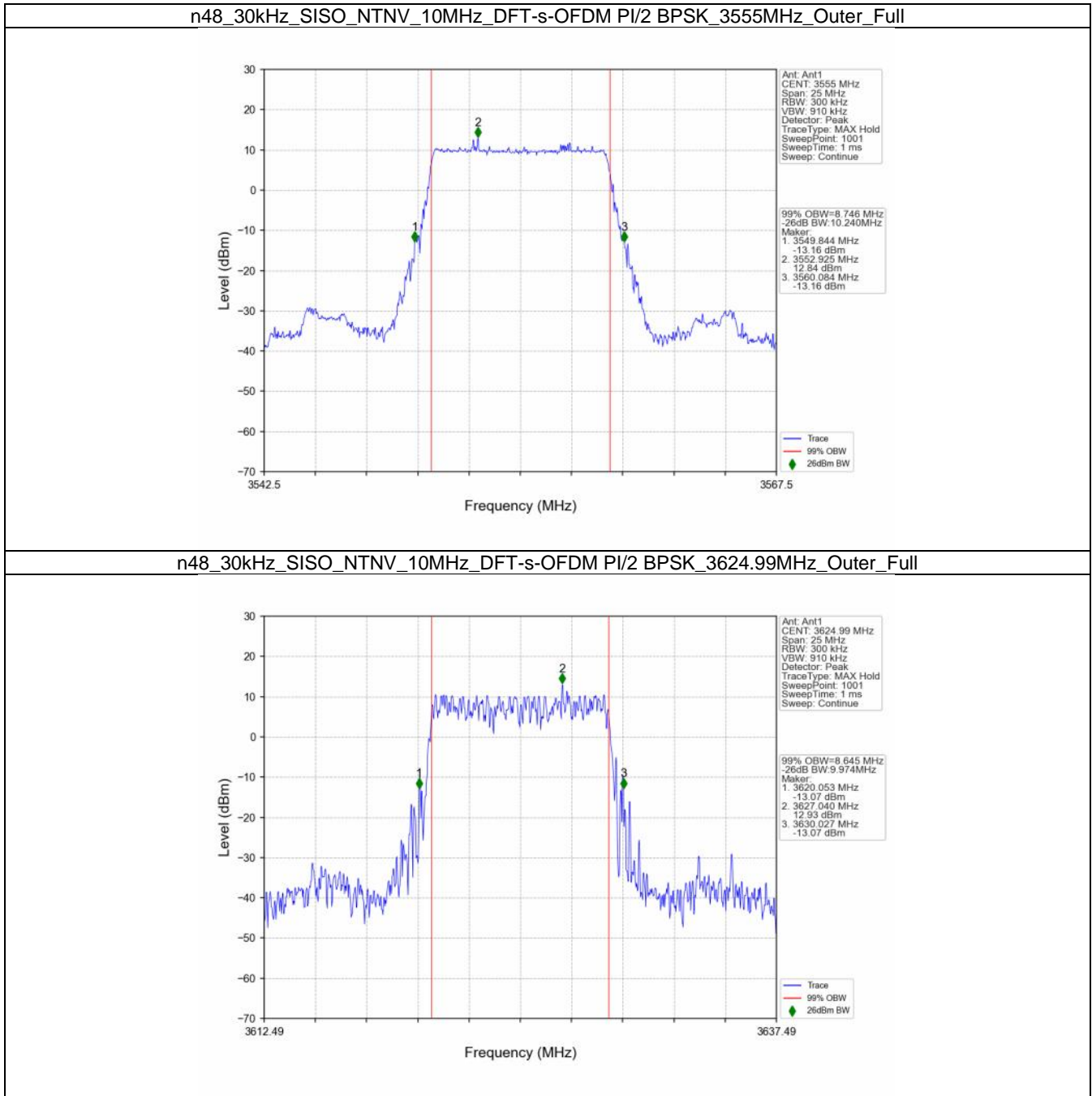


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5.1.2 Test Graph

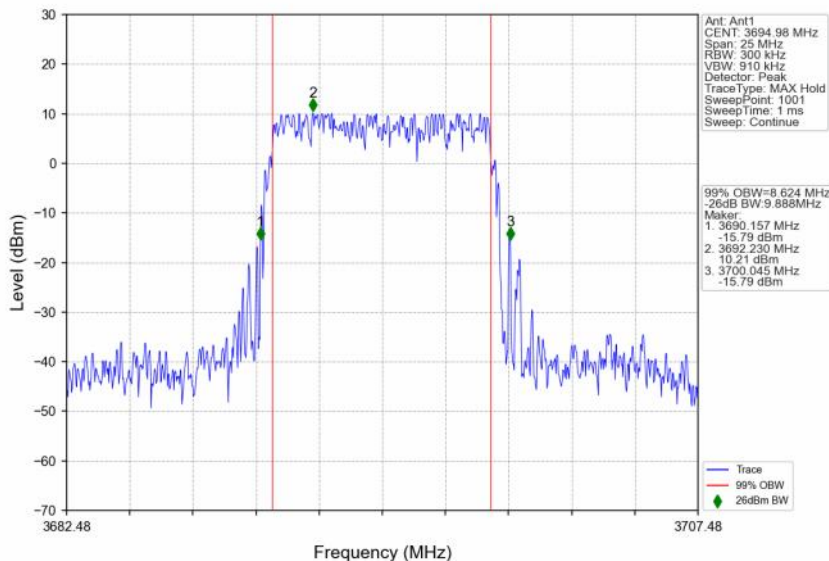


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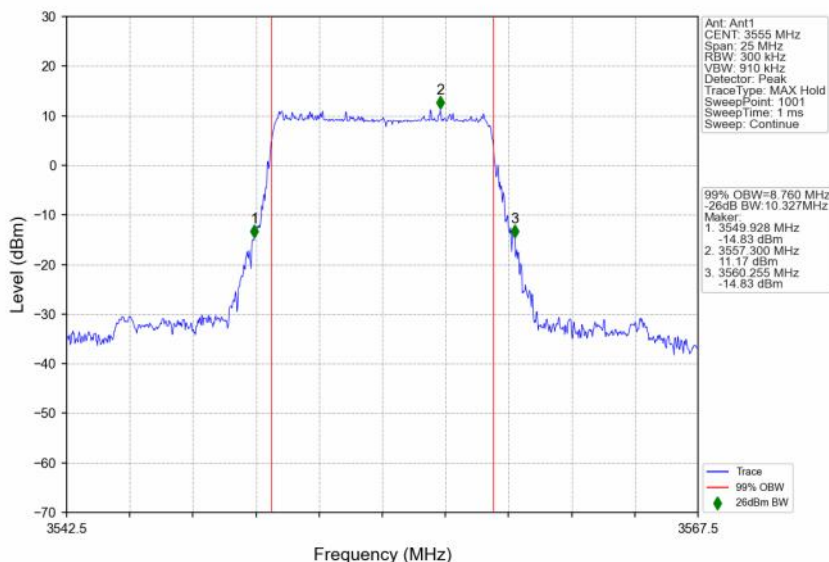
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n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3694.98MHz_Outer_Full



n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3555MHz_Outer_Full

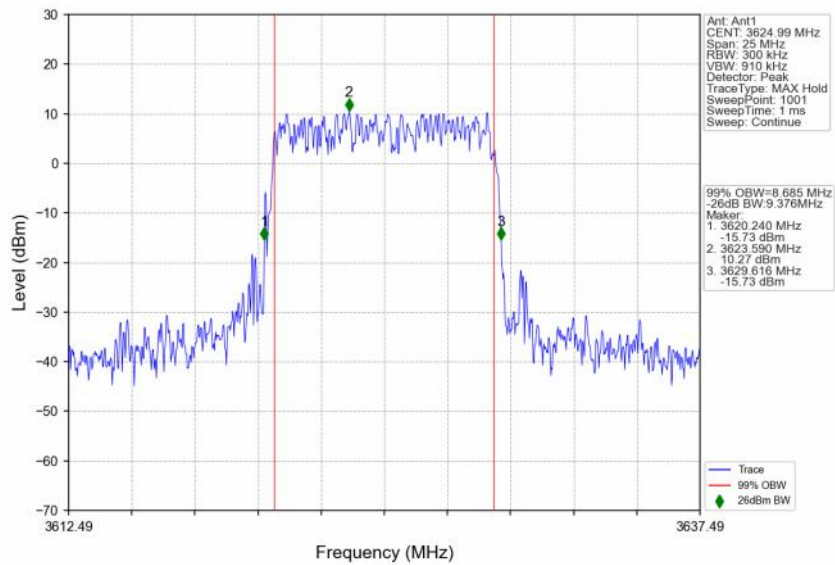


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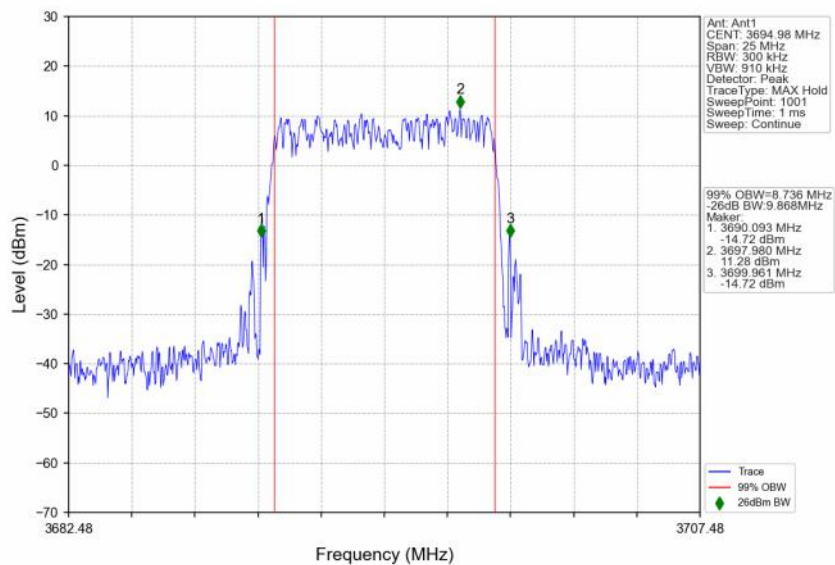
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n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3694.98MHz_Outer_Full

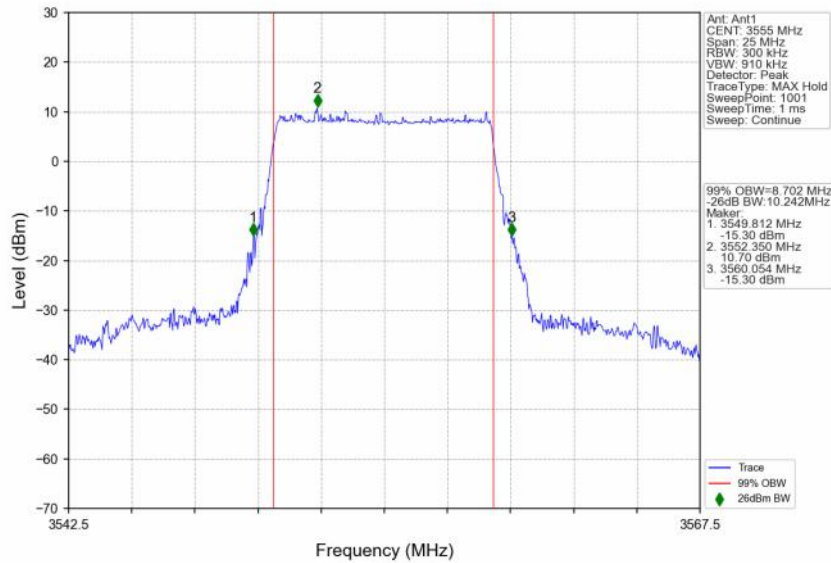


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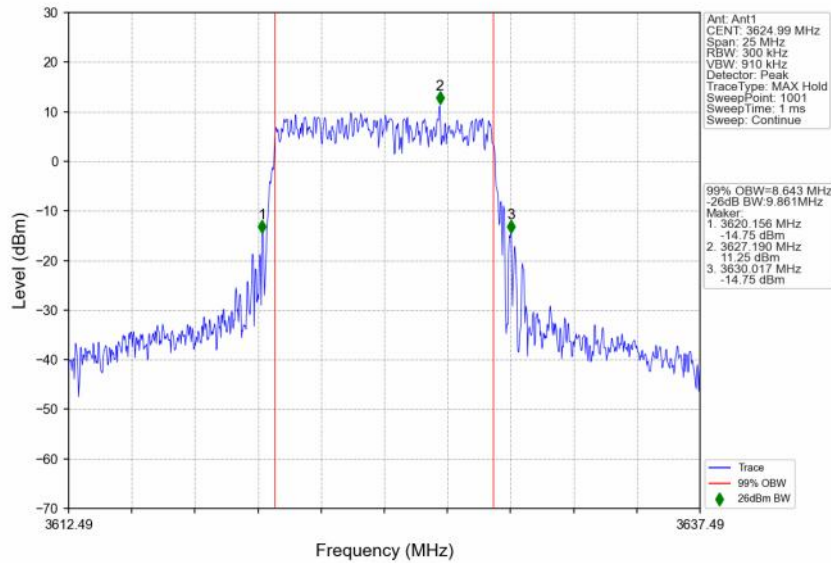
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n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3555MHz_Outer_Full



n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3624.99MHz_Outer_Full

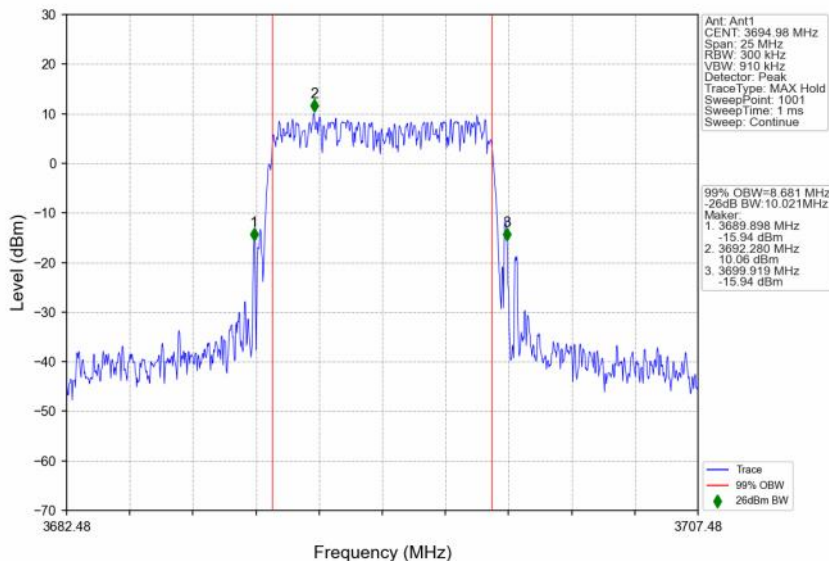


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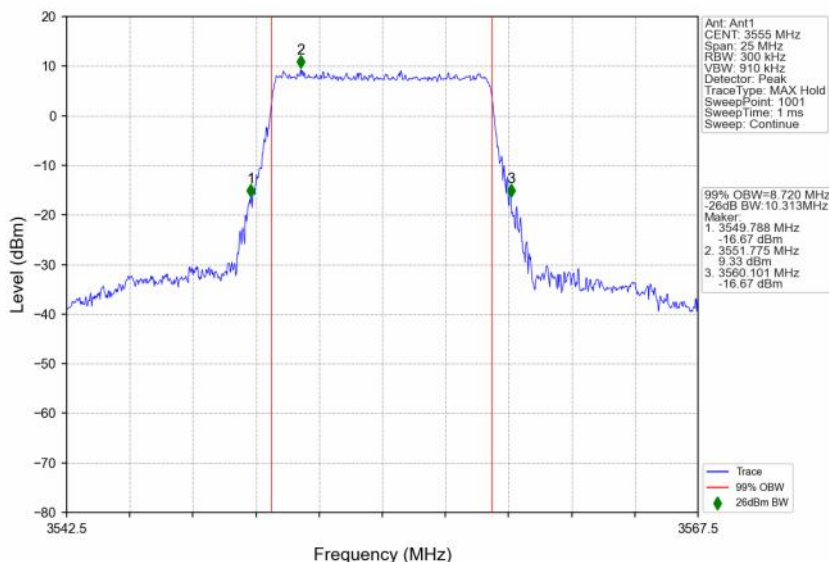
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n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_3694.98MHz_Outer_Full



n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_3555MHz_Outer_Full

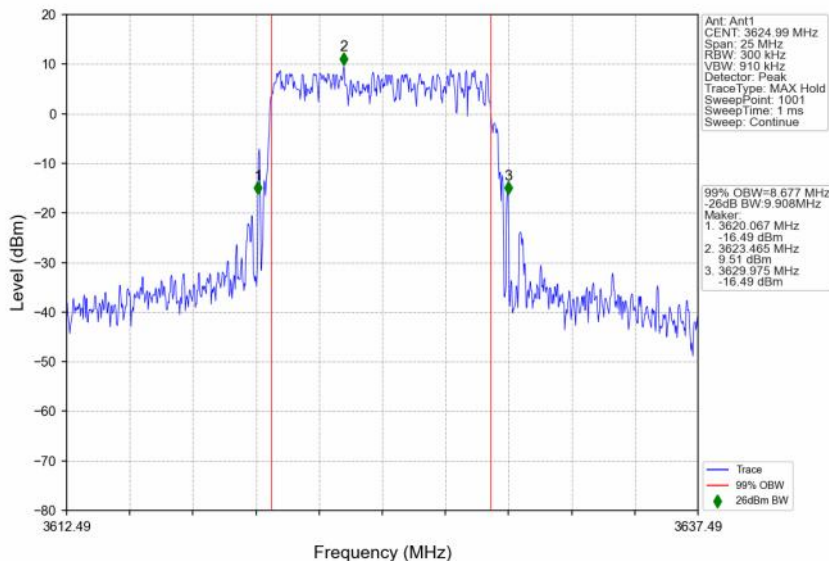


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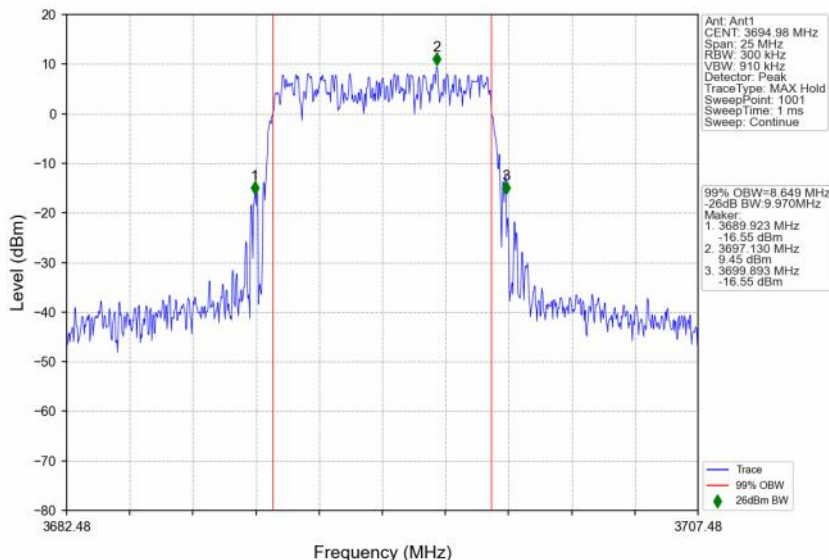
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n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3694.98MHz_Outer_Full

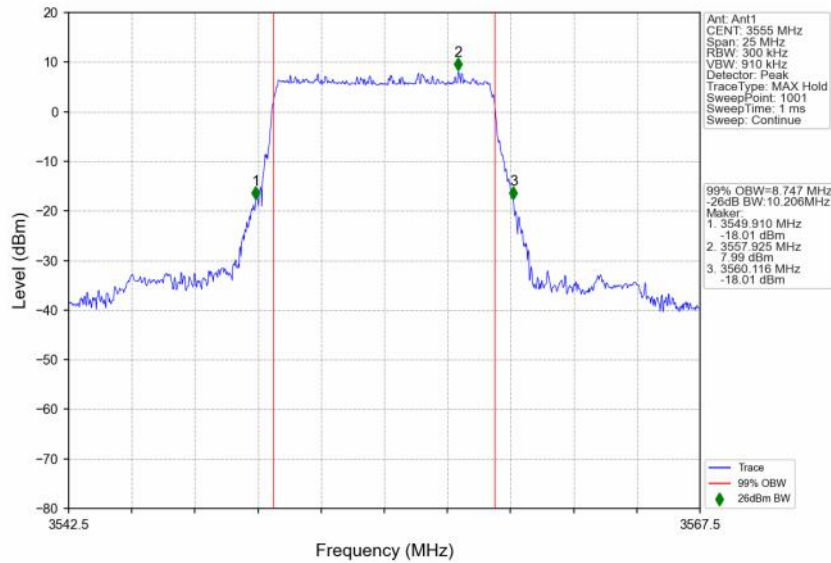


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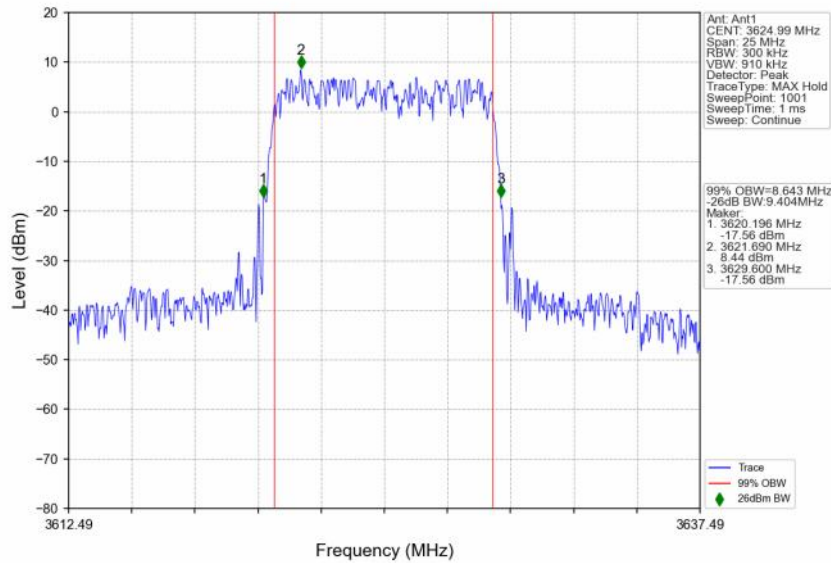
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n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_3555MHz_Outer_Full



n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full

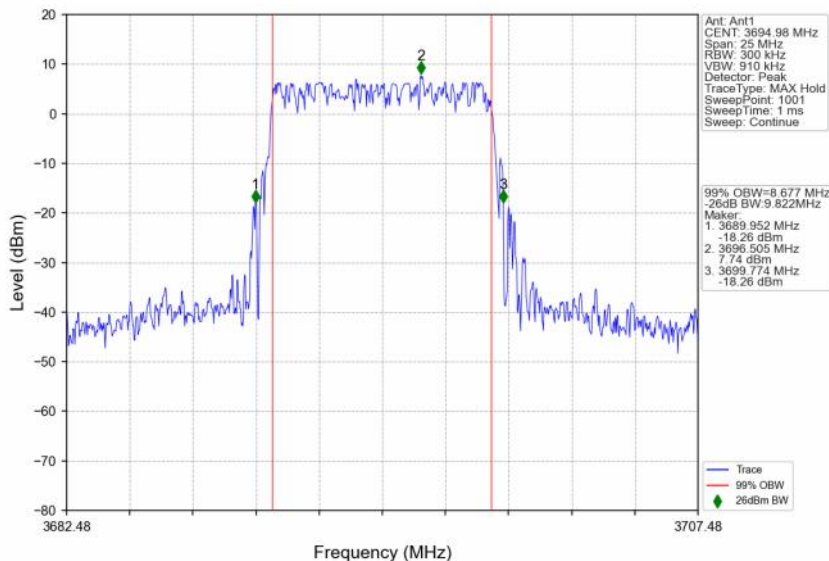


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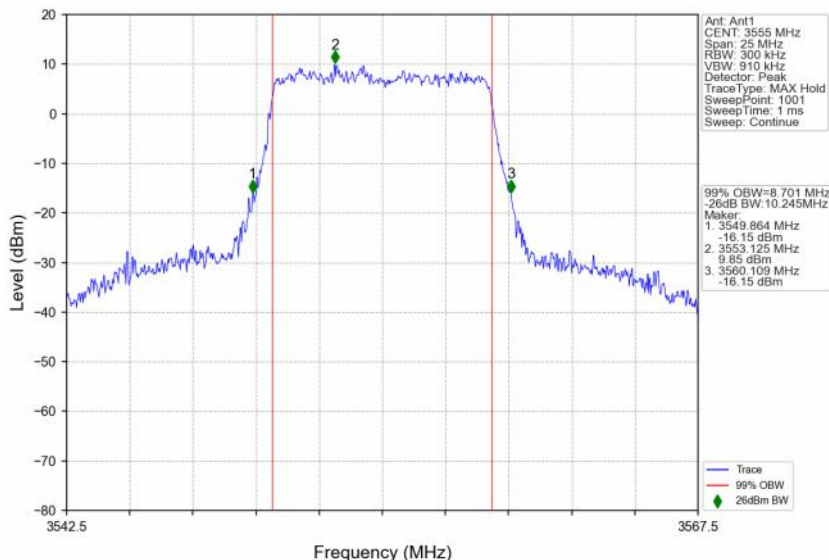
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n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_3694.98MHz_Outer_Full



n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Outer_Full

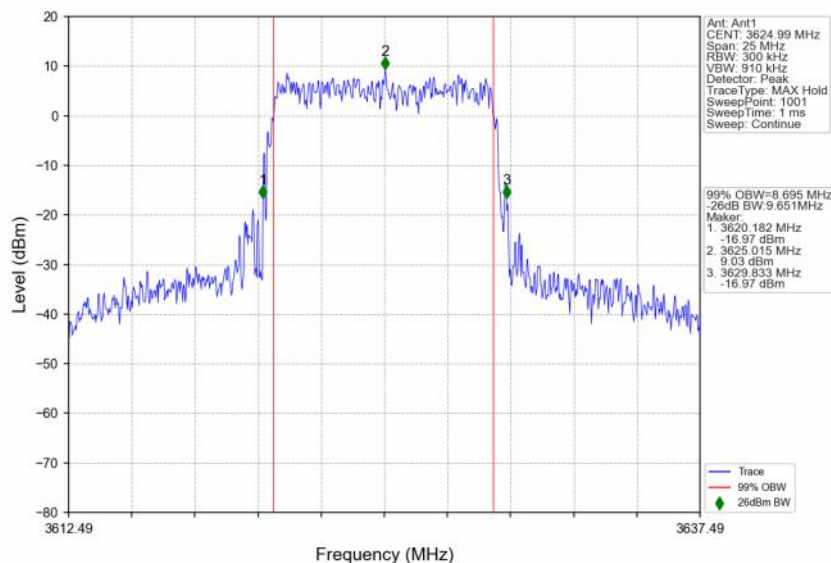


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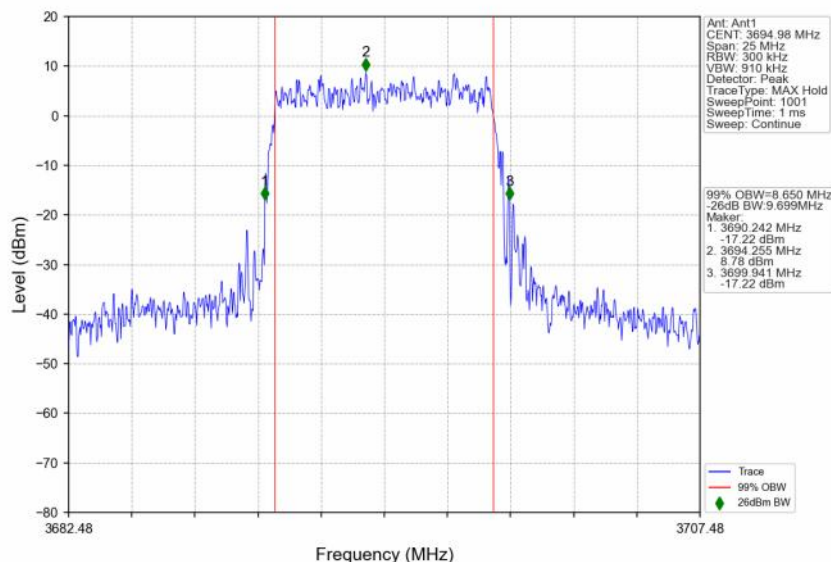
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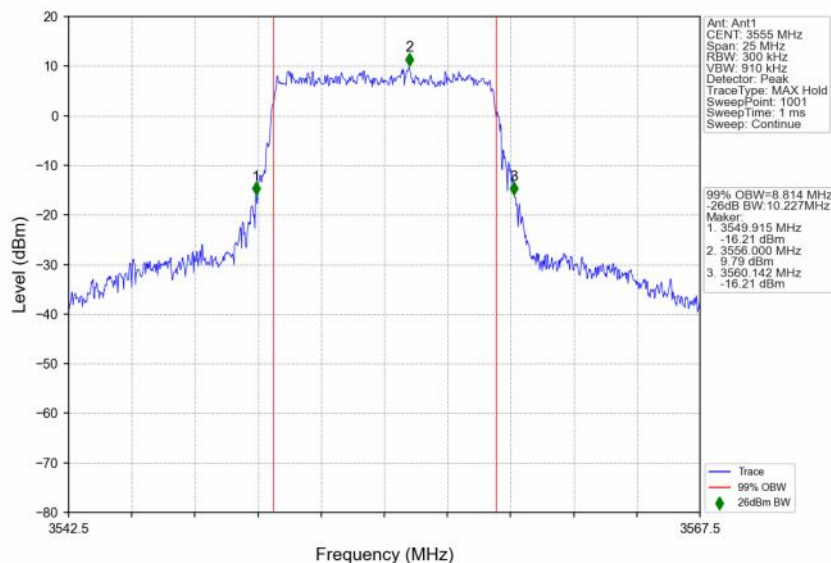


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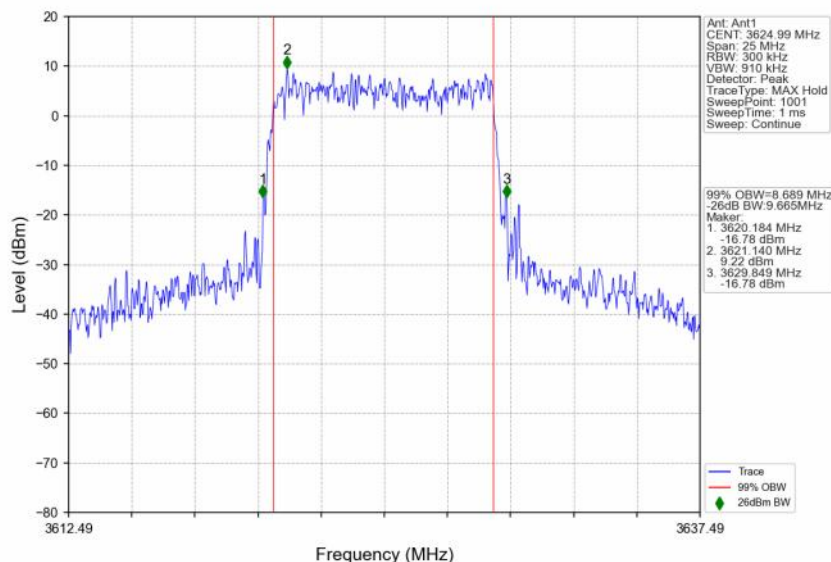
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n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full

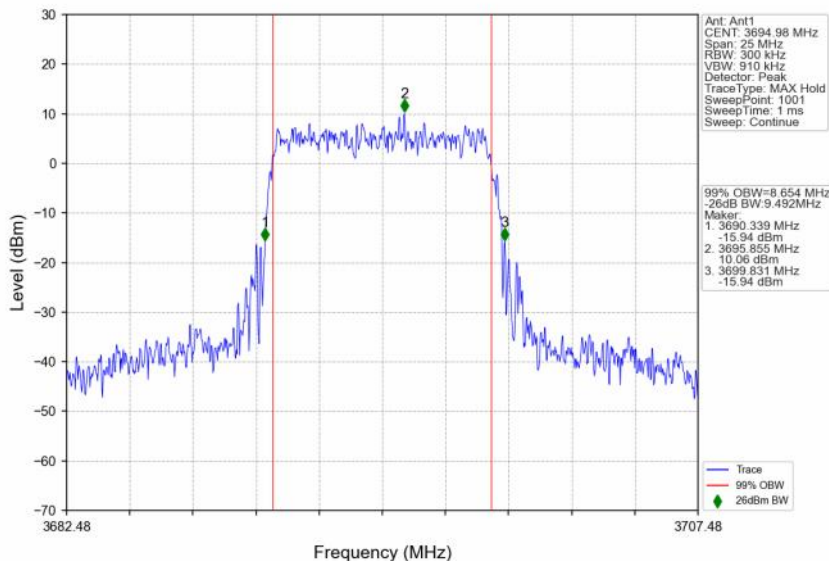


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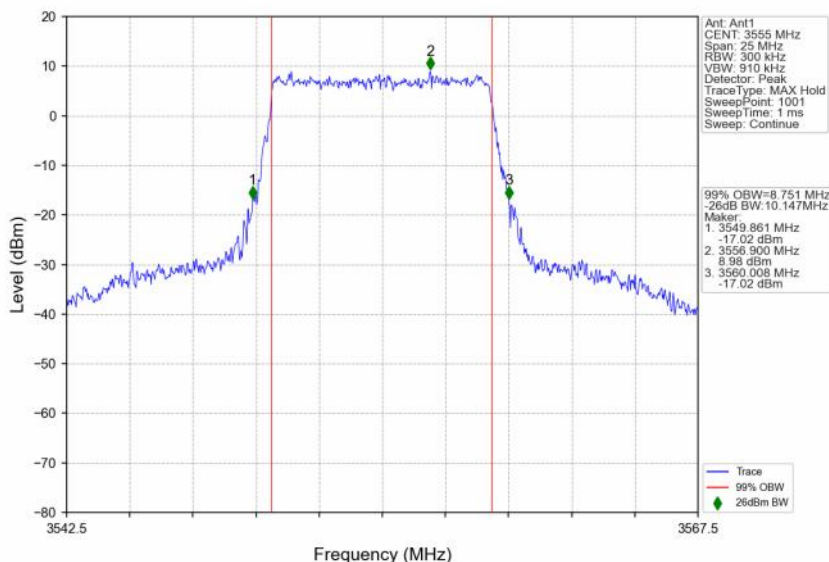
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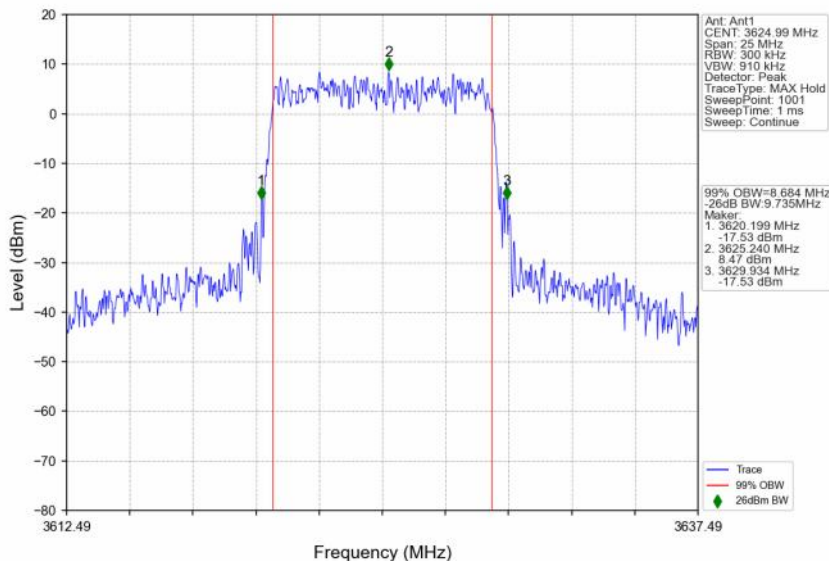


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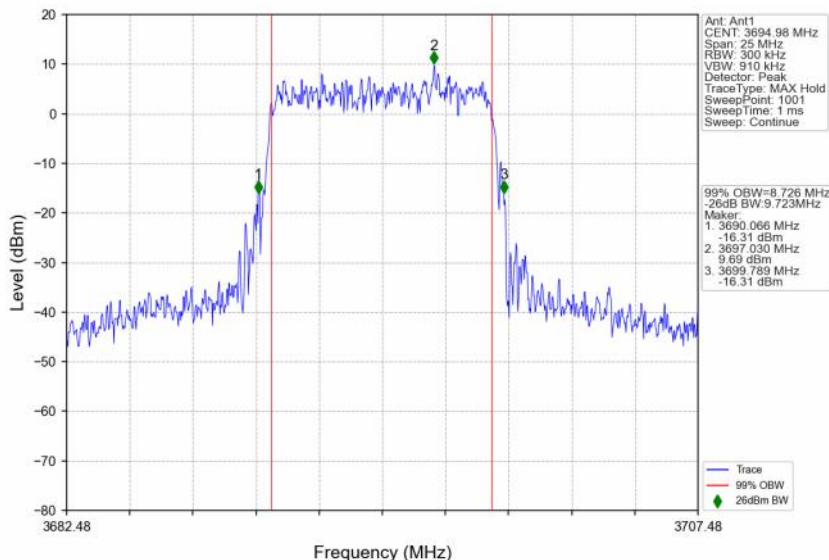
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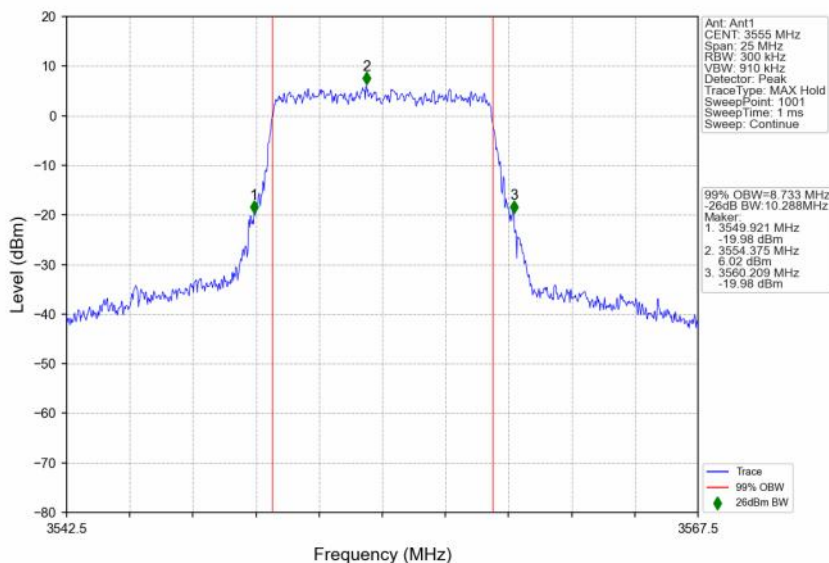


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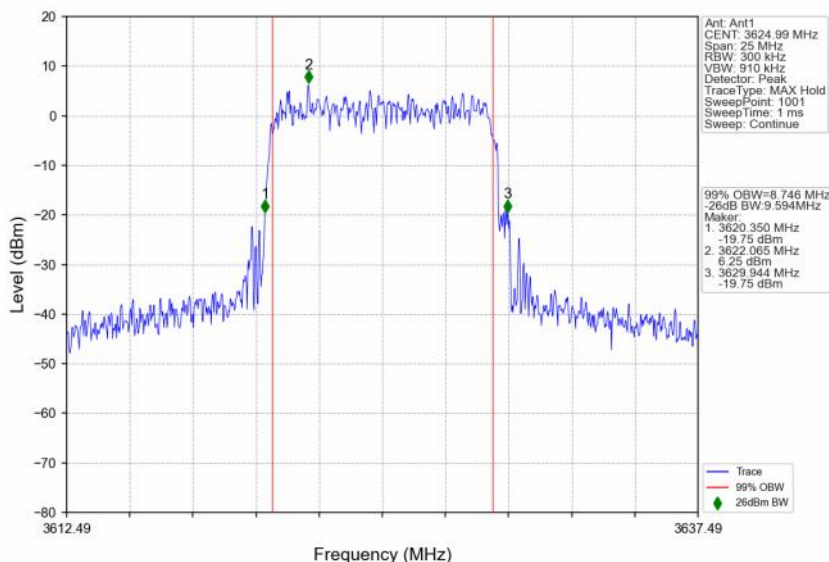
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n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full

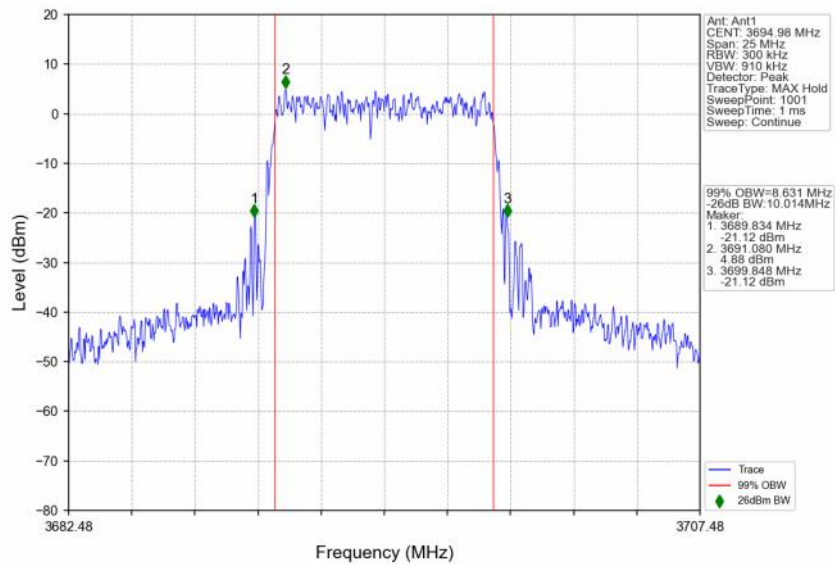


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n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_3694.98MHz_Outer_Full



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5.2 30k_SISO_20MHz_NTNV

5.2.1 Test Result

5G NR n48 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3560.01	Outer_Full	18.09	19.83	/	Pass
	3624.99	Outer_Full	18.06	19.39	/	Pass
	3690	Outer_Full	18.00	19.35	/	Pass
DFT-s-OFDM QPSK	3560.01	Outer_Full	18.09	19.97	/	Pass
	3624.99	Outer_Full	18.15	19.23	/	Pass
	3690	Outer_Full	18.10	19.36	/	Pass
DFT-s-OFDM 16 QAM	3560.01	Outer_Full	18.12	19.95	/	Pass
	3624.99	Outer_Full	18.11	19.39	/	Pass
	3690	Outer_Full	18.09	19.77	/	Pass
DFT-s-OFDM 64 QAM	3560.01	Outer_Full	18.11	20.13	/	Pass
	3624.99	Outer_Full	18.00	19.30	/	Pass
	3690	Outer_Full	17.99	19.57	/	Pass
DFT-s-OFDM 256 QAM	3560.01	Outer_Full	18.12	20.03	/	Pass
	3624.99	Outer_Full	18.01	19.81	/	Pass
	3690	Outer_Full	18.06	19.25	/	Pass
CP-OFDM QPSK	3560.01	Outer_Full	18.42	20.81	/	Pass
	3624.99	Outer_Full	18.35	19.88	/	Pass
	3690	Outer_Full	18.25	19.87	/	Pass
CP-OFDM 16 QAM	3560.01	Outer_Full	18.47	20.30	/	Pass
	3624.99	Outer_Full	18.54	19.87	/	Pass
	3690	Outer_Full	18.34	20.18	/	Pass
CP-OFDM 64 QAM	3560.01	Outer_Full	18.43	20.47	/	Pass
	3624.99	Outer_Full	18.44	19.61	/	Pass
	3690	Outer_Full	18.38	19.87	/	Pass
CP-OFDM 256 QAM	3560.01	Outer_Full	18.42	20.41	/	Pass
	3624.99	Outer_Full	18.27	20.35	/	Pass
	3690	Outer_Full	18.25	19.69	/	Pass

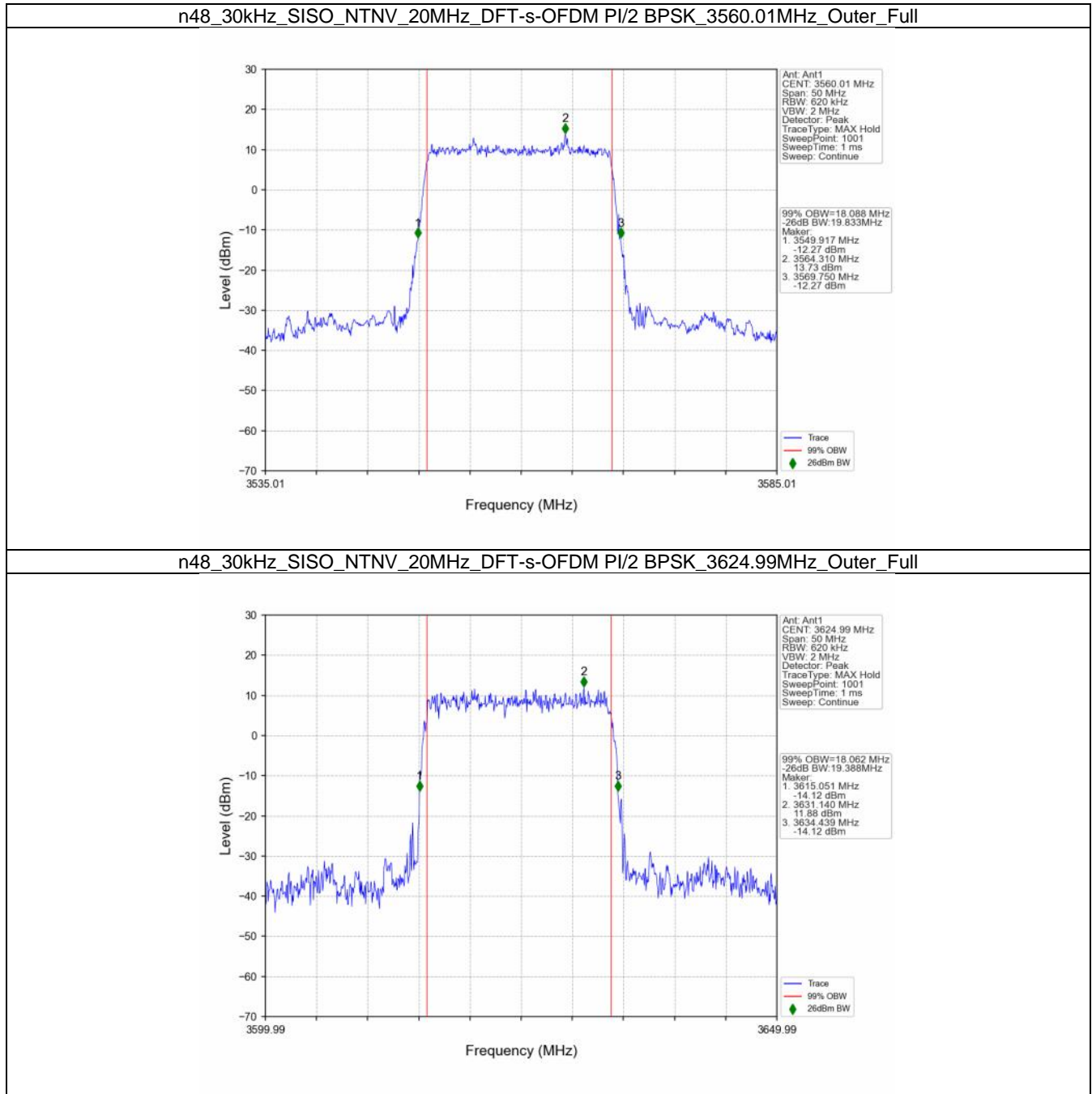


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5.2.2 Test Graph

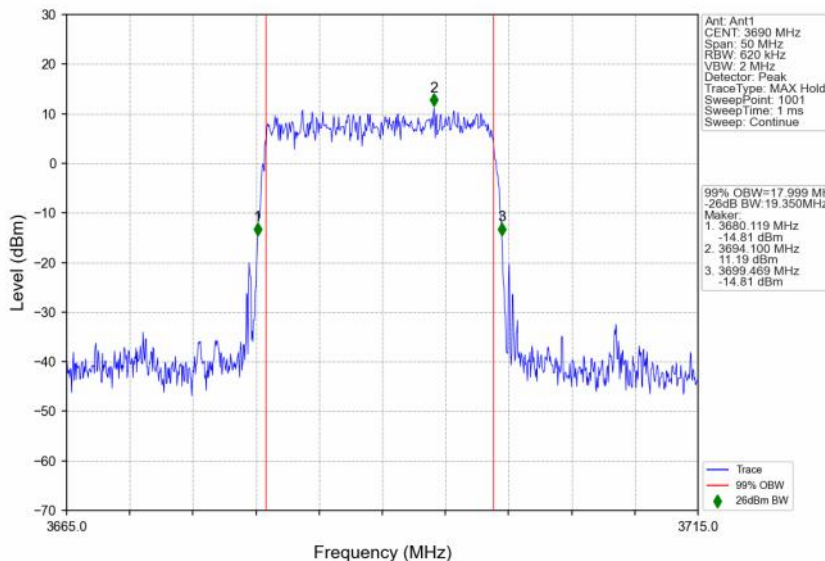


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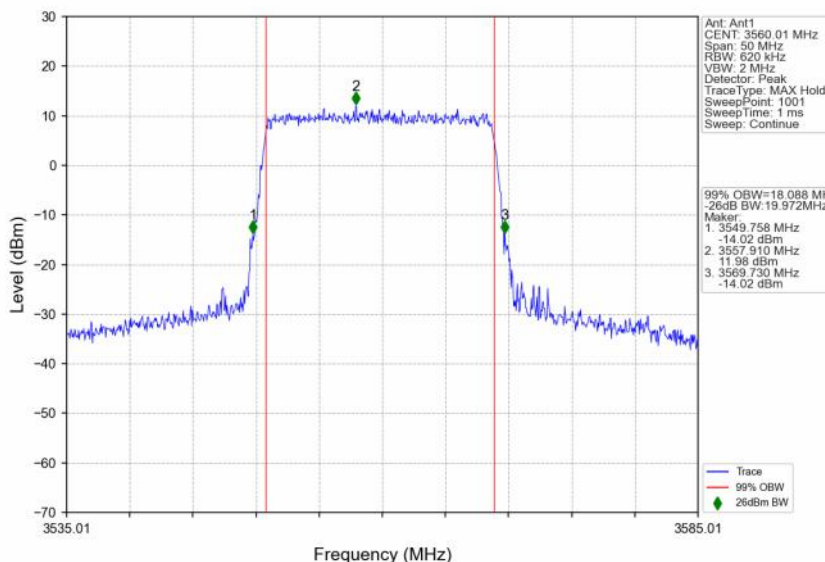
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n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3690MHz_Outer_Full



n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3560.01MHz_Outer_Full

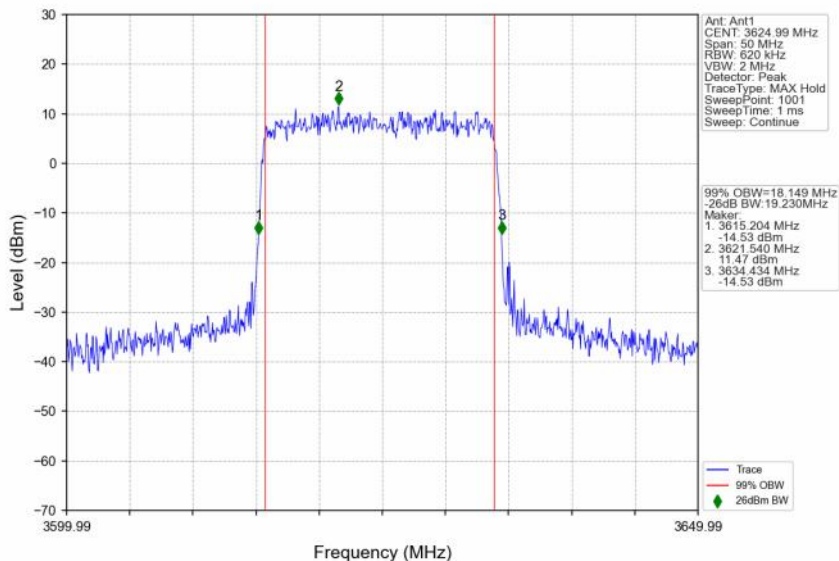


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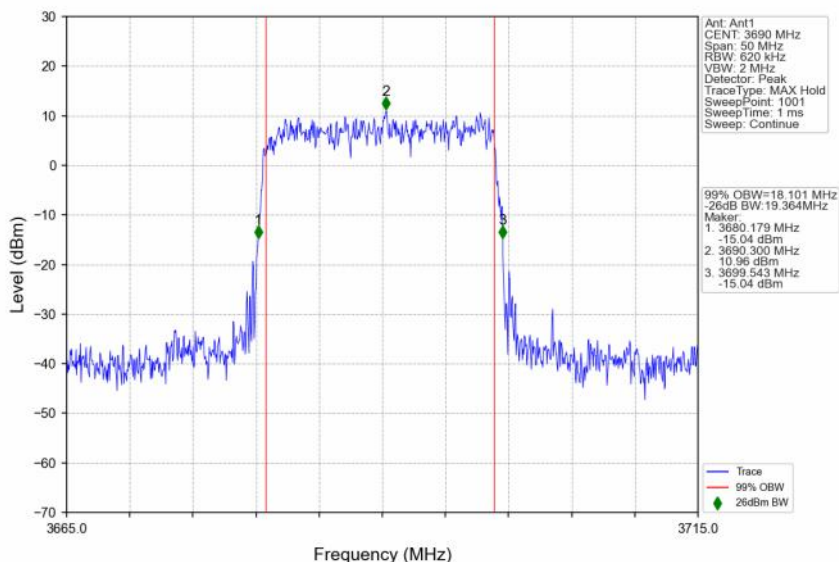
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n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3690MHz_Outer_Full

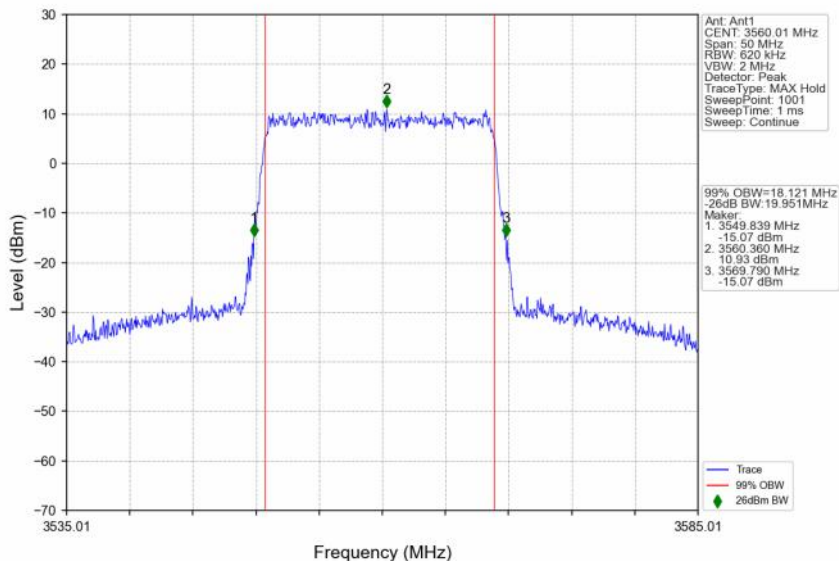


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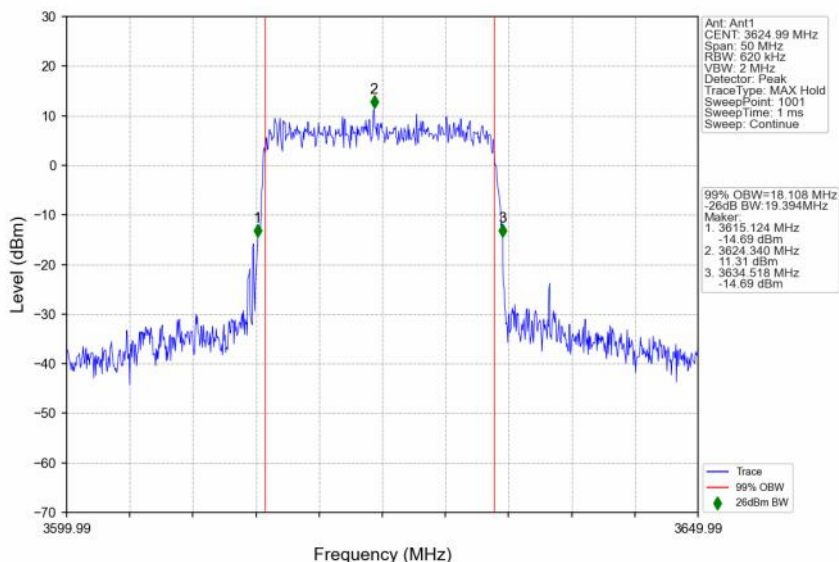
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n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3624.99MHz_Outer_Full

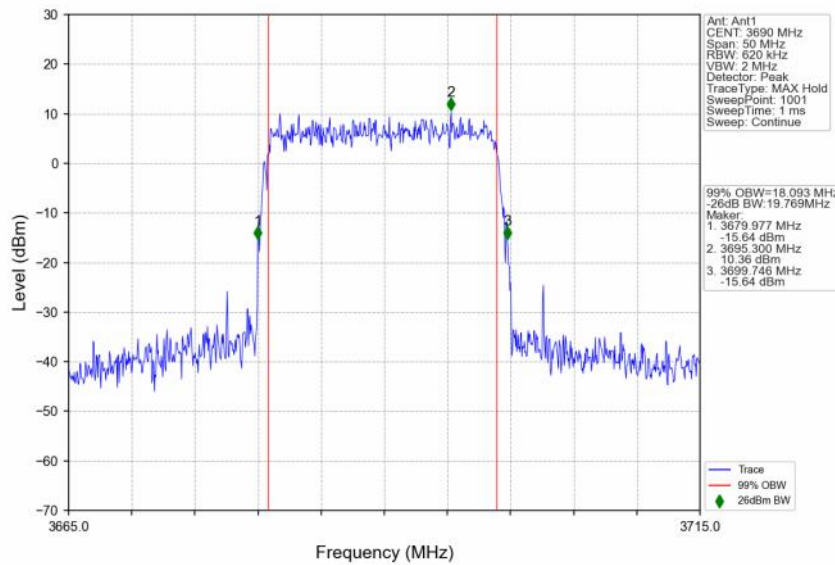


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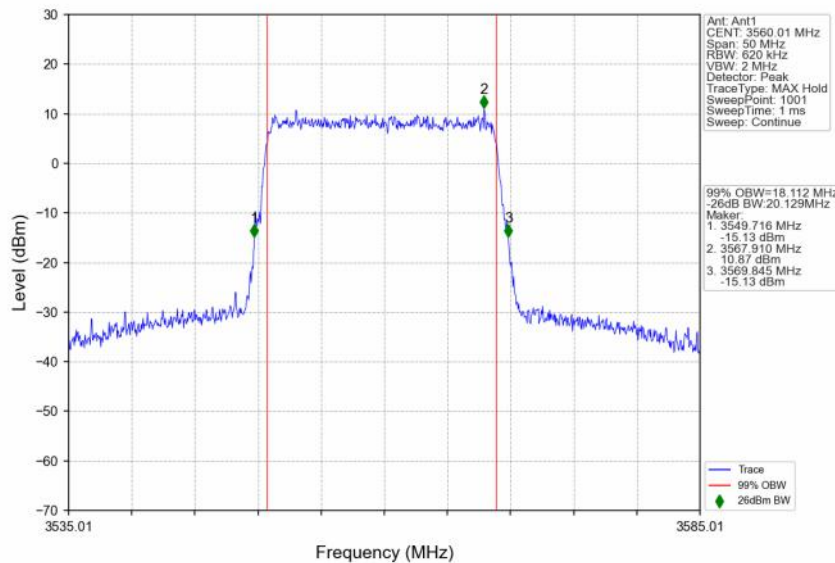
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n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3560.01MHz_Outer_Full

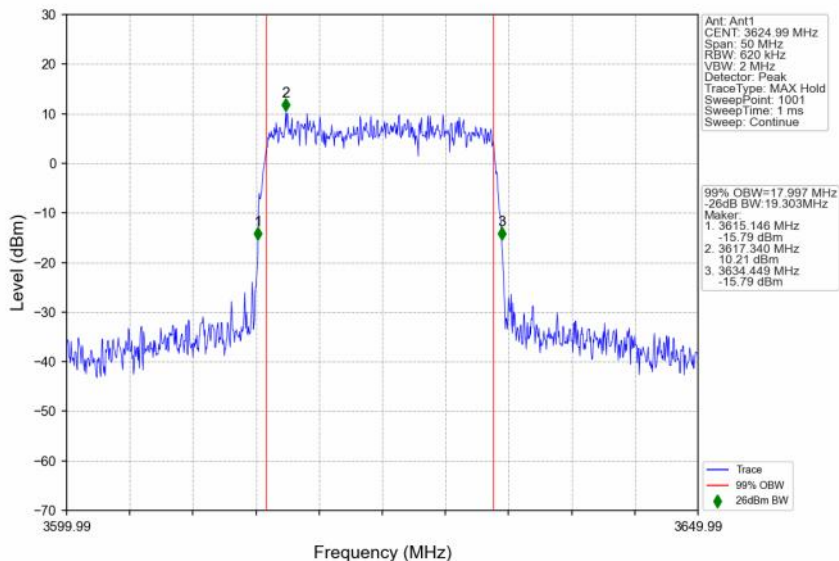


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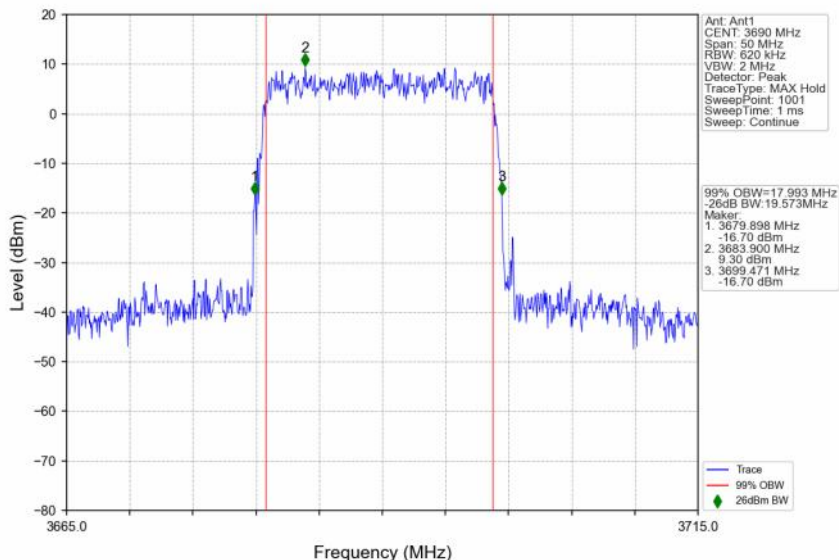
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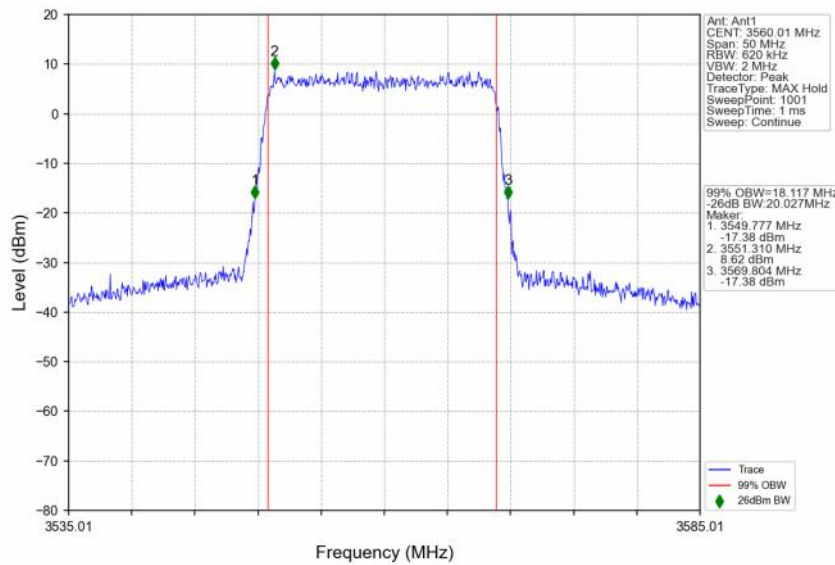


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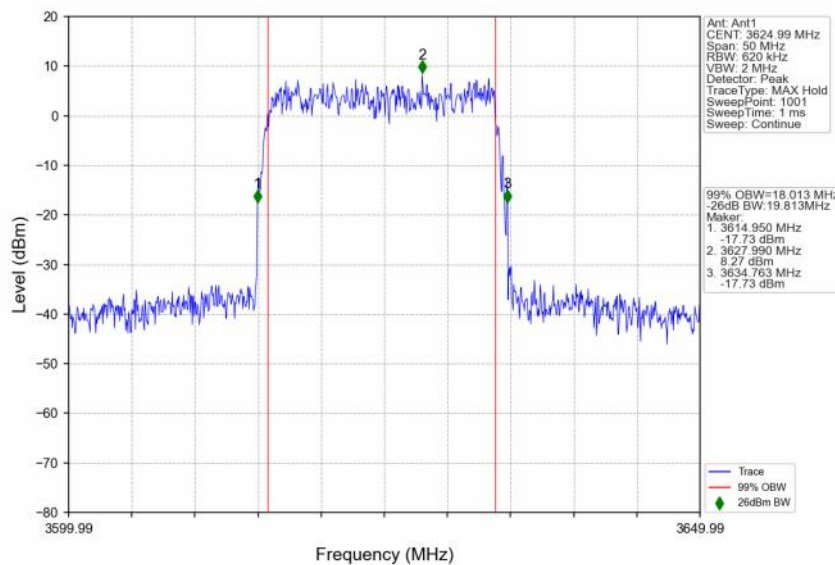
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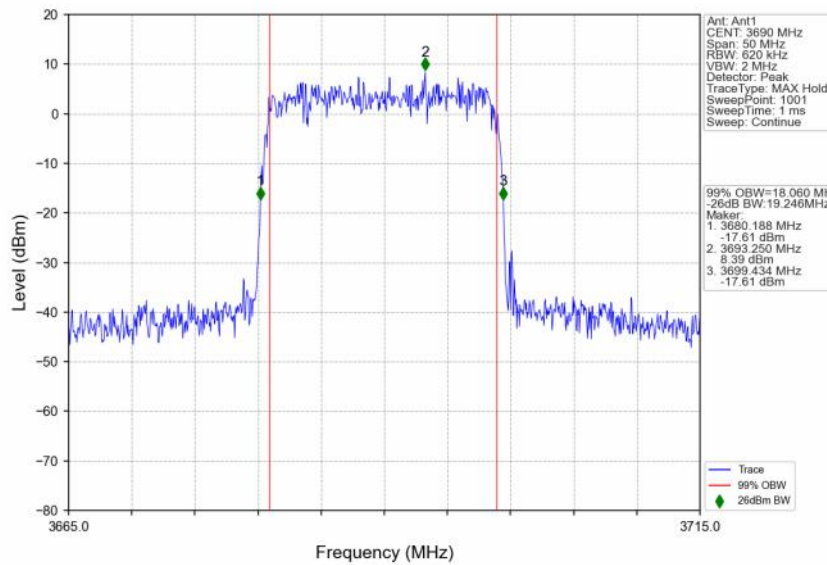


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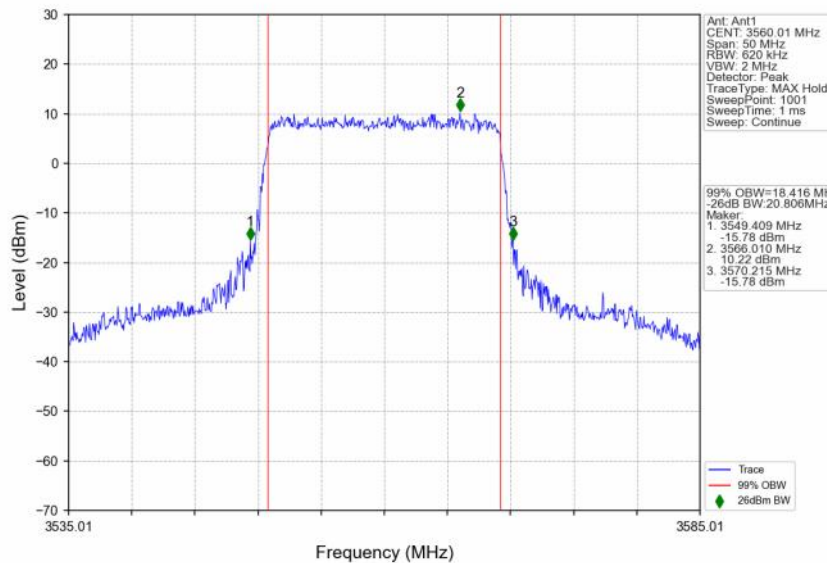
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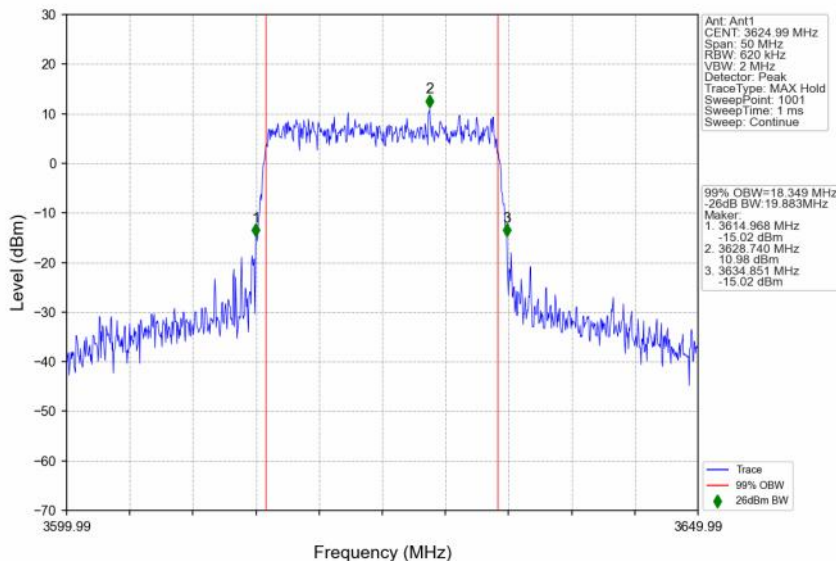


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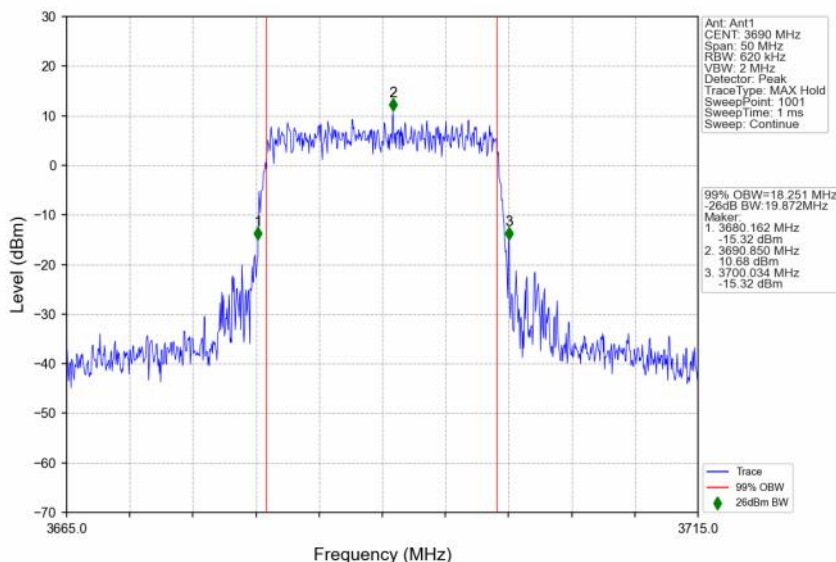
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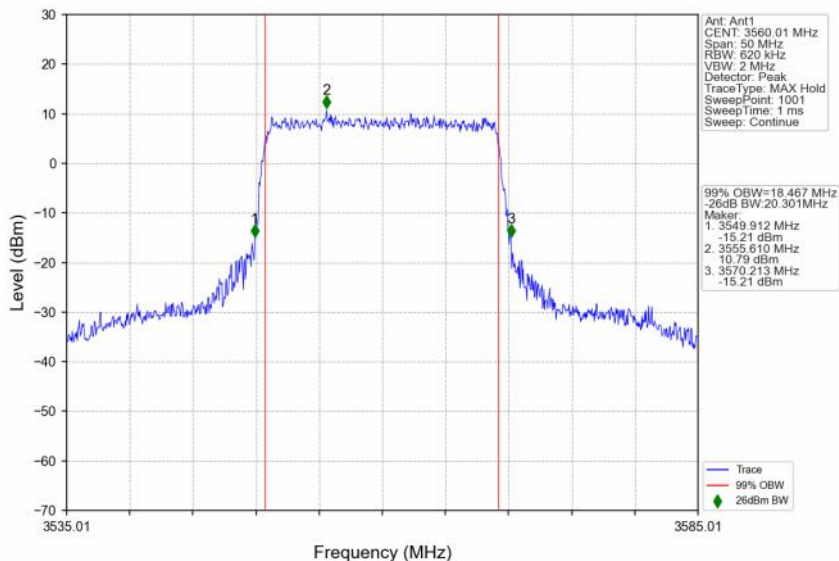


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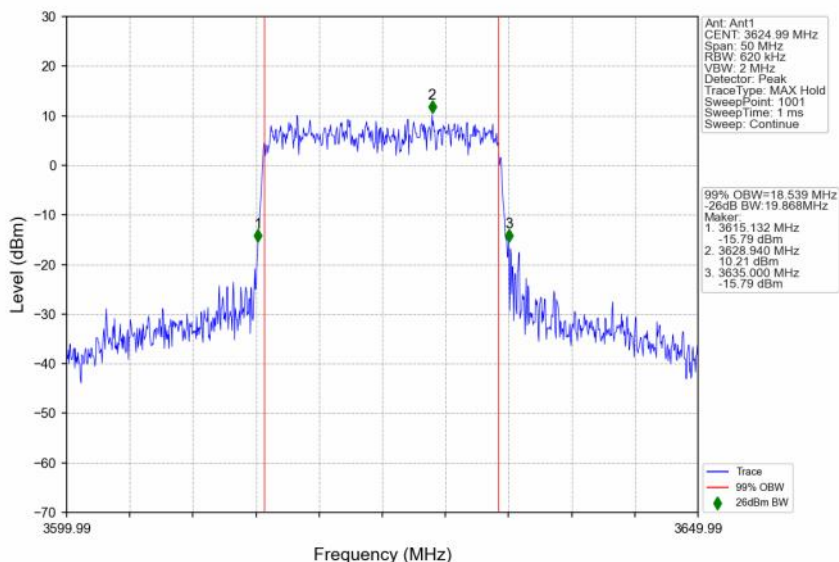
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n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full

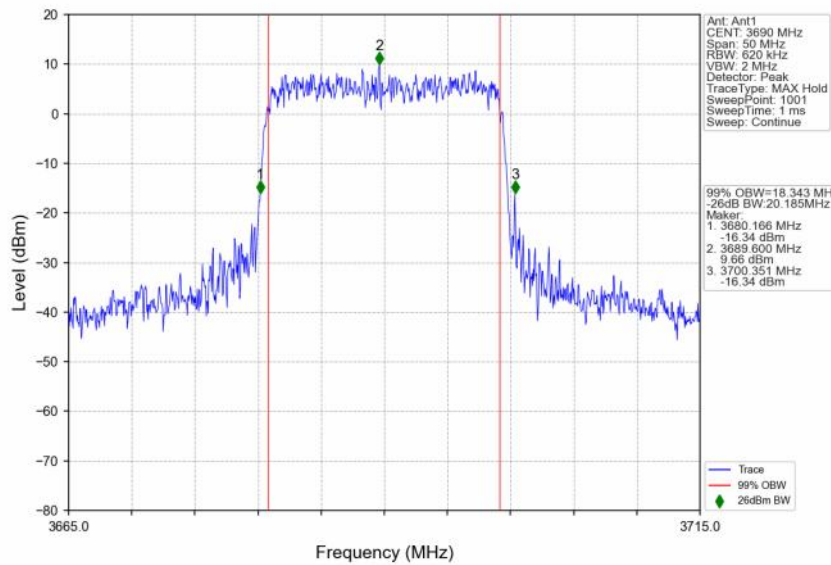


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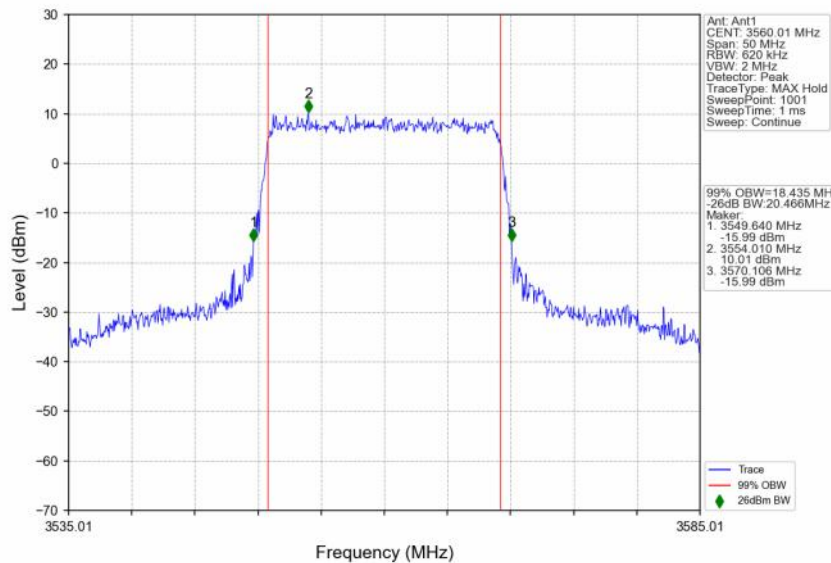
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n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3690MHz_Outer_Full



n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3560.01MHz_Outer_Full

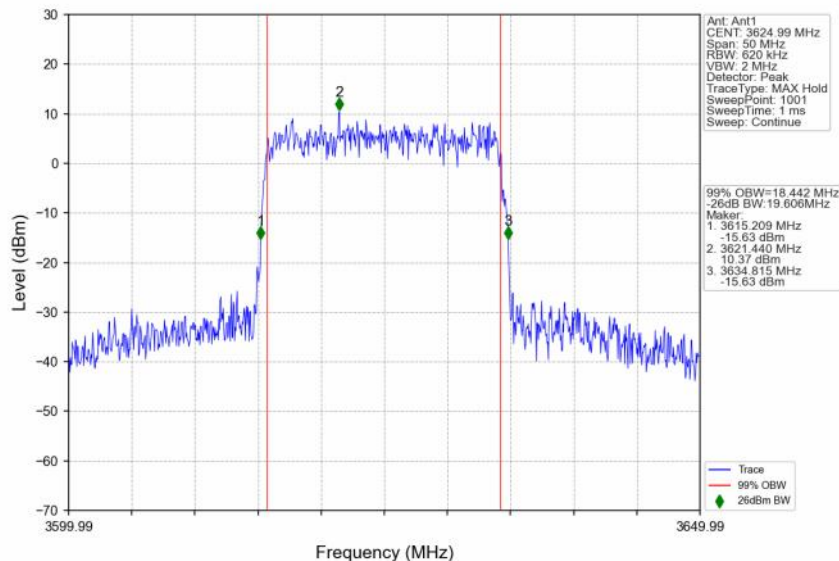


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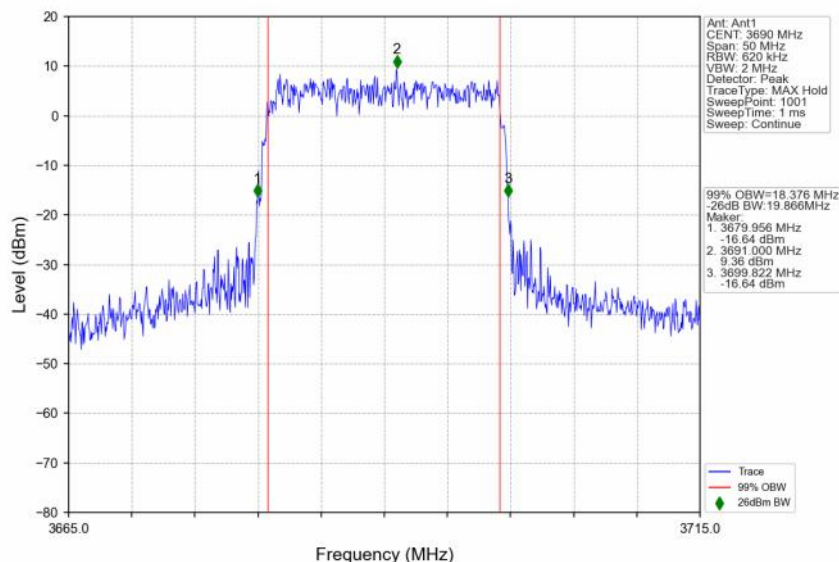
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n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3690MHz_Outer_Full

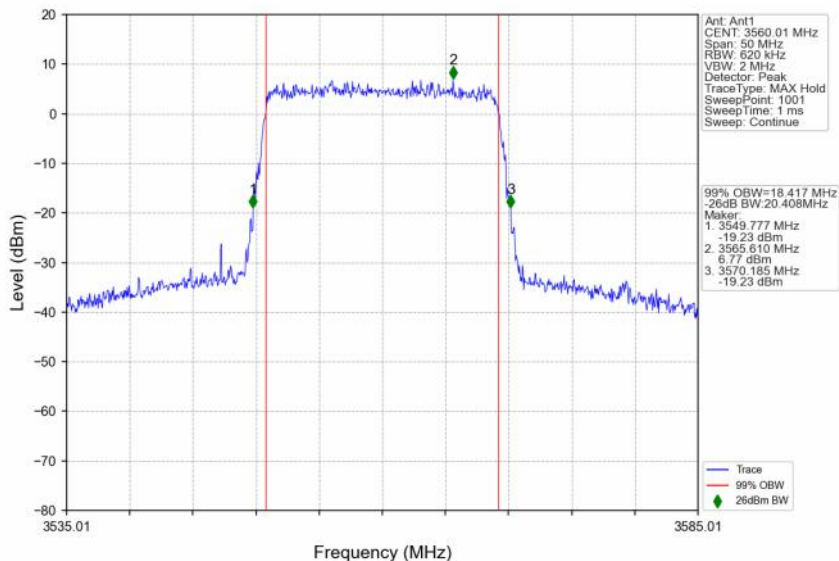


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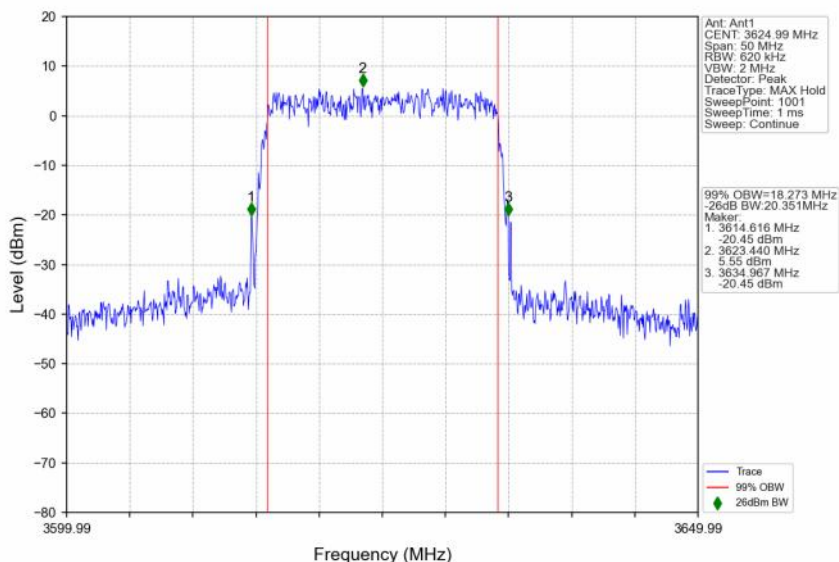
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n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3560.01MHz_Outer_Full



n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full

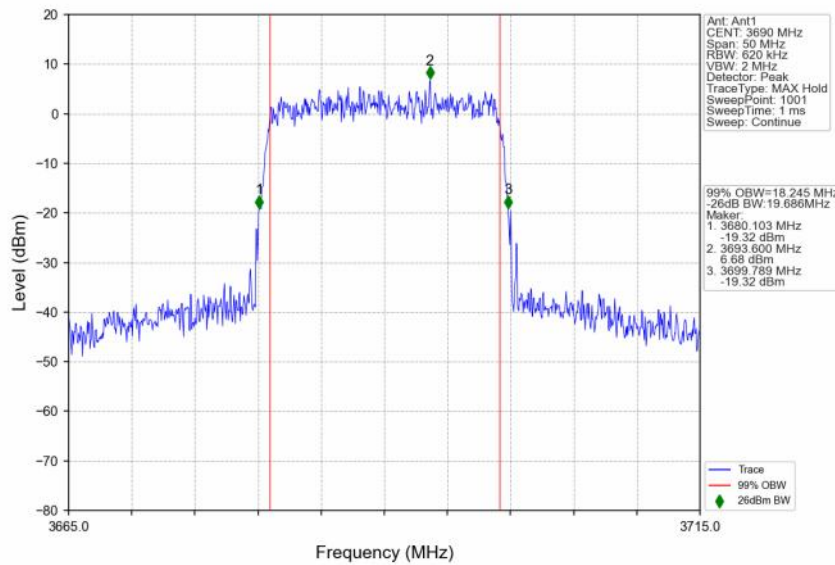


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n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3690MHz_Outer_Full



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