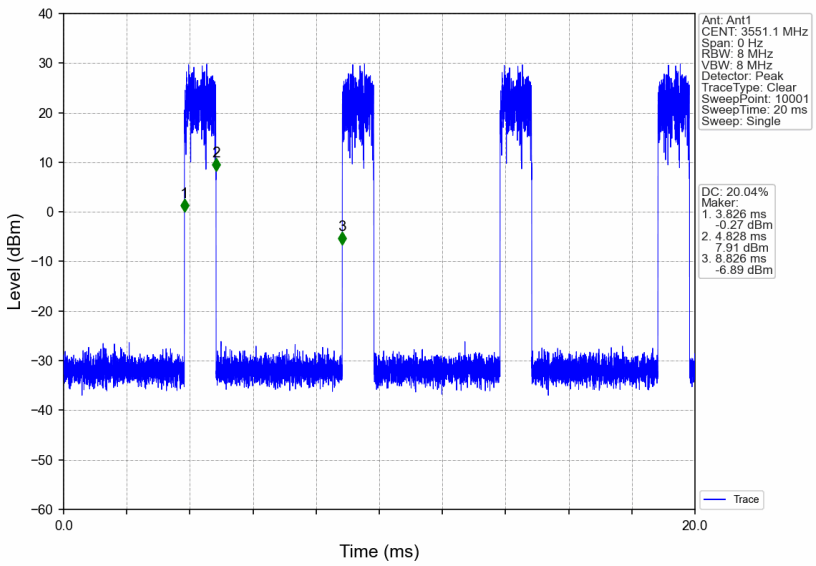
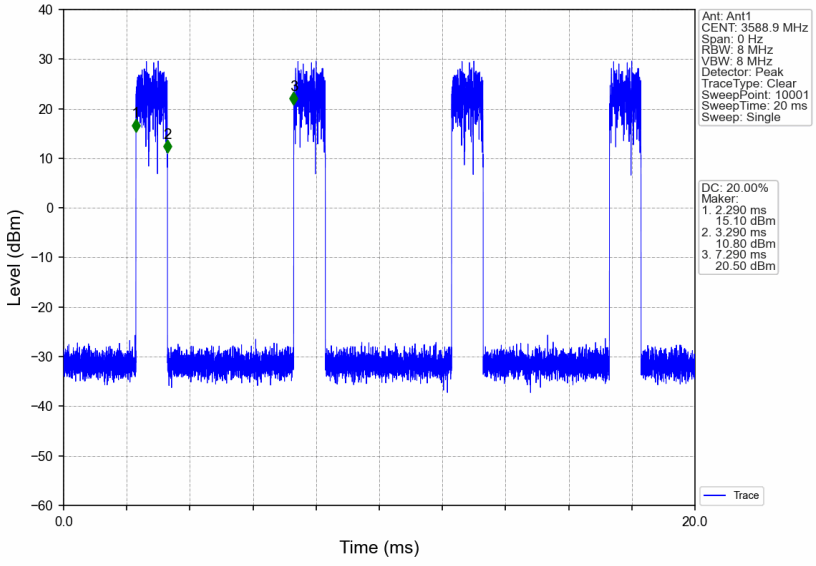
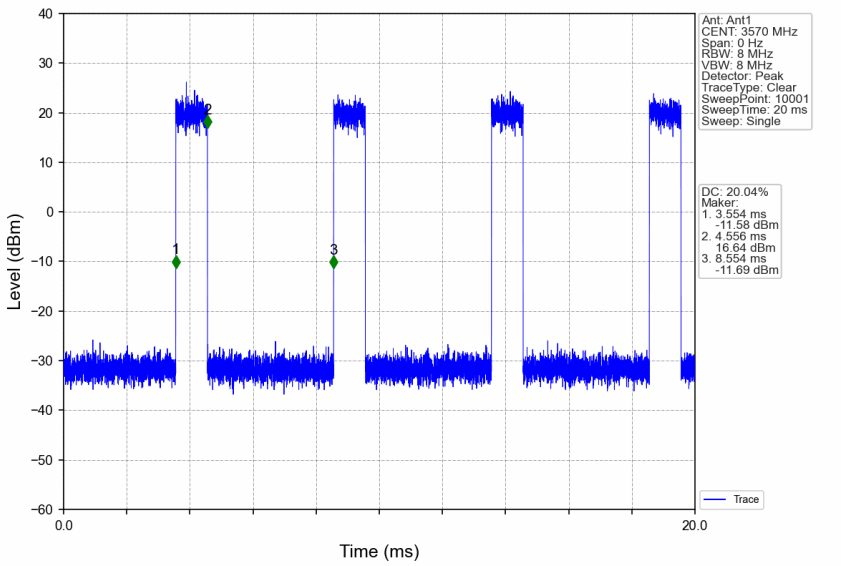
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3570MHz_Edge_1RB_Left



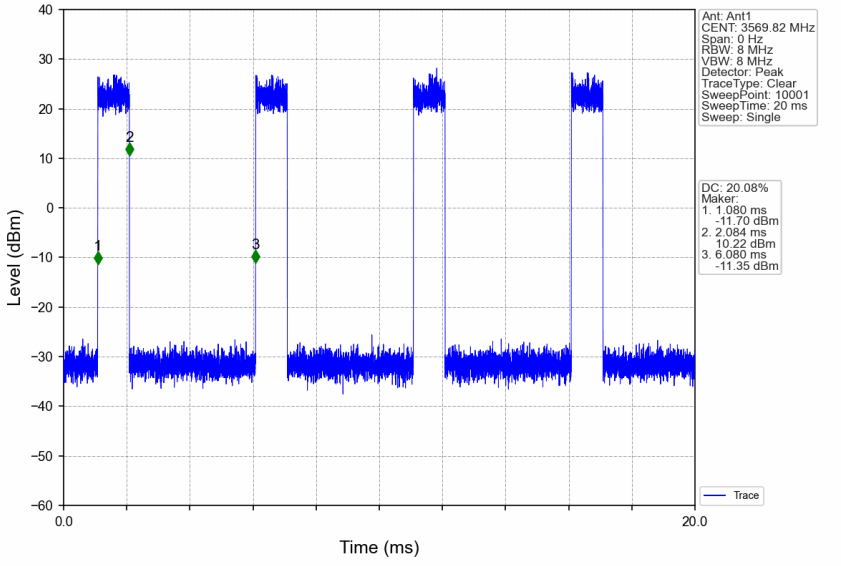
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3570MHz_Edge_1RB_Right



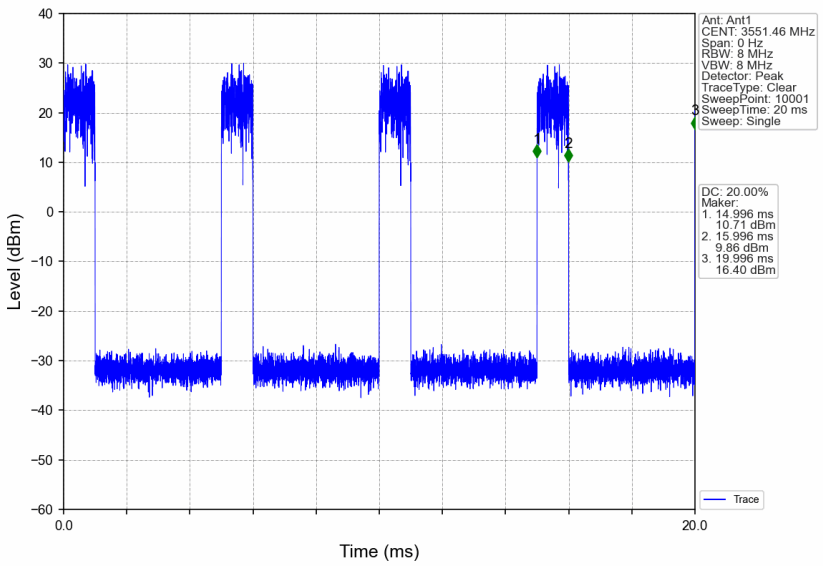
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3570MHz_Outer_Full



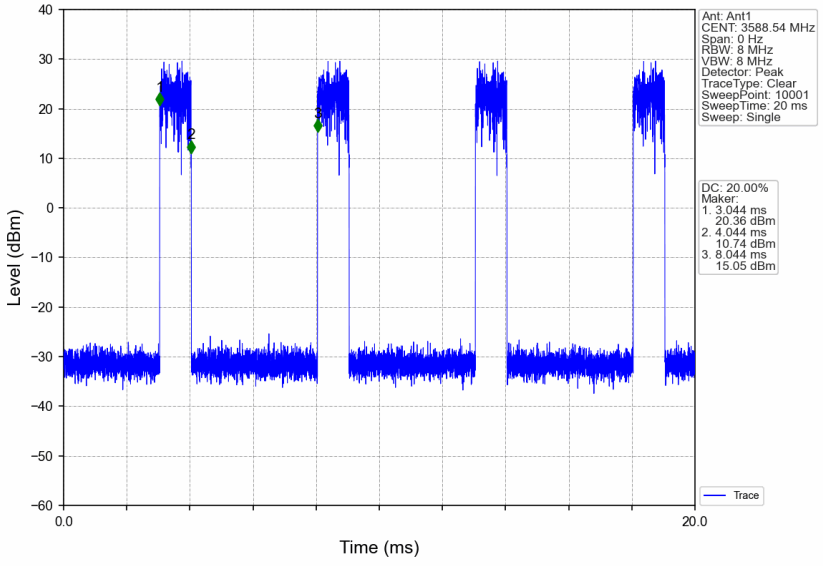
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3570MHz_Inner_Full



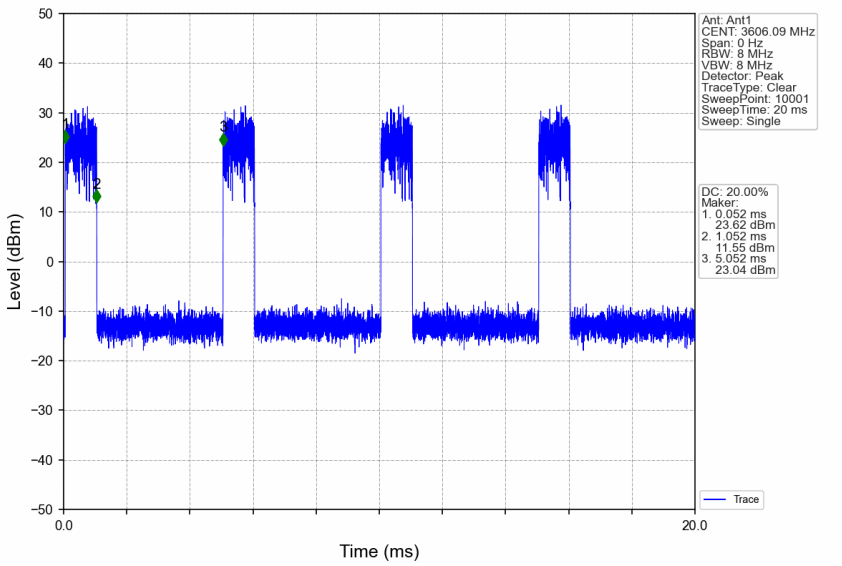
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3570MHz_Inner_1RB_Left



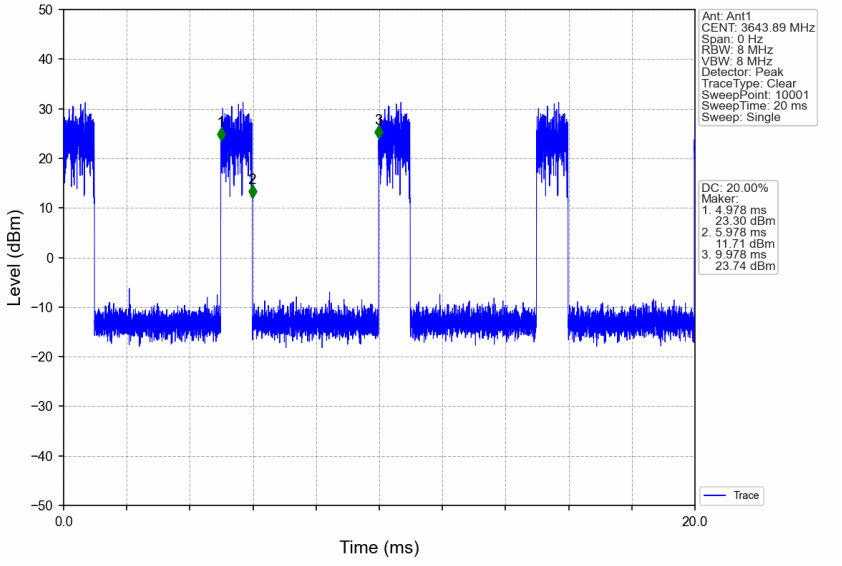
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3570MHz_Inner_1RB_Right



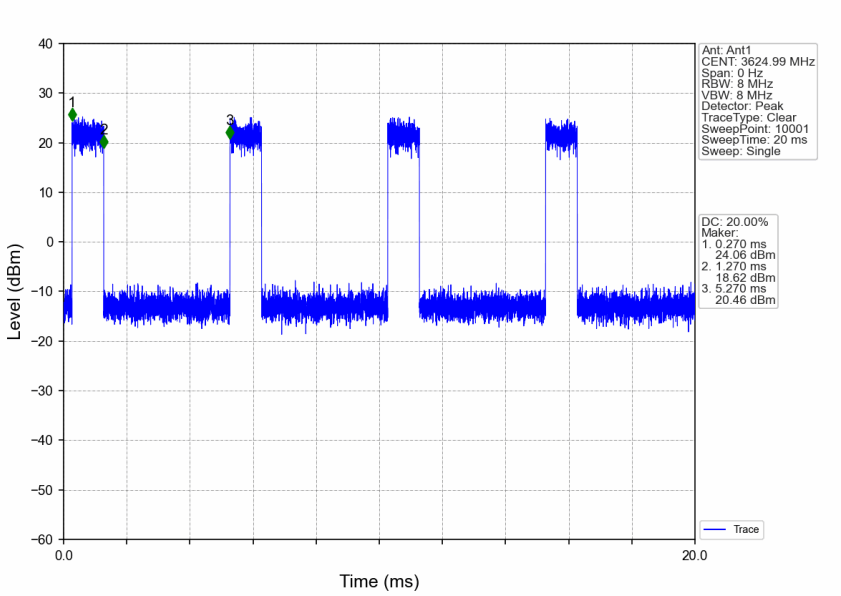
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Edge_1RB_Left



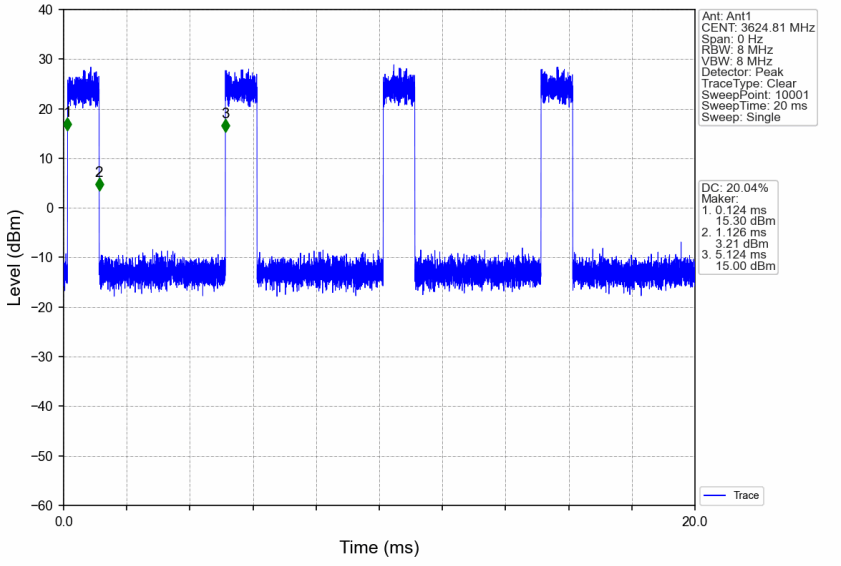
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Edge_1RB_Right



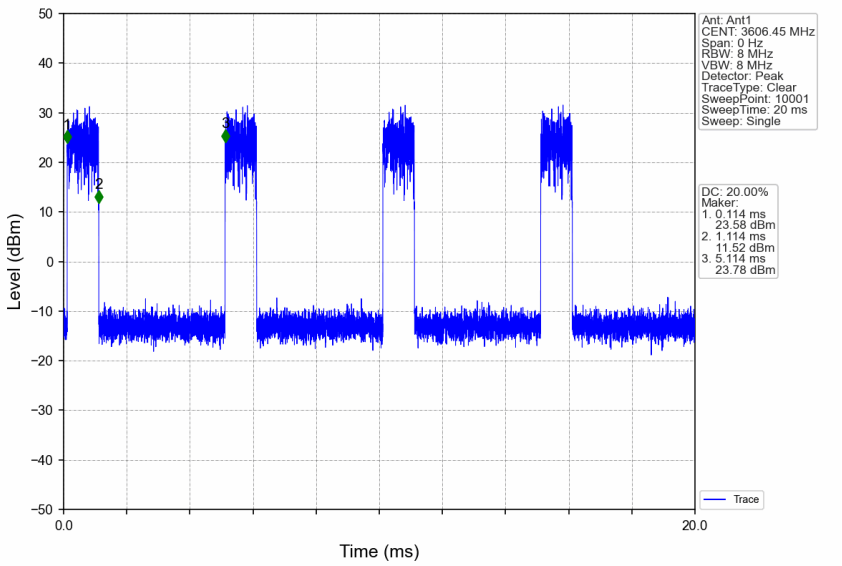
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full



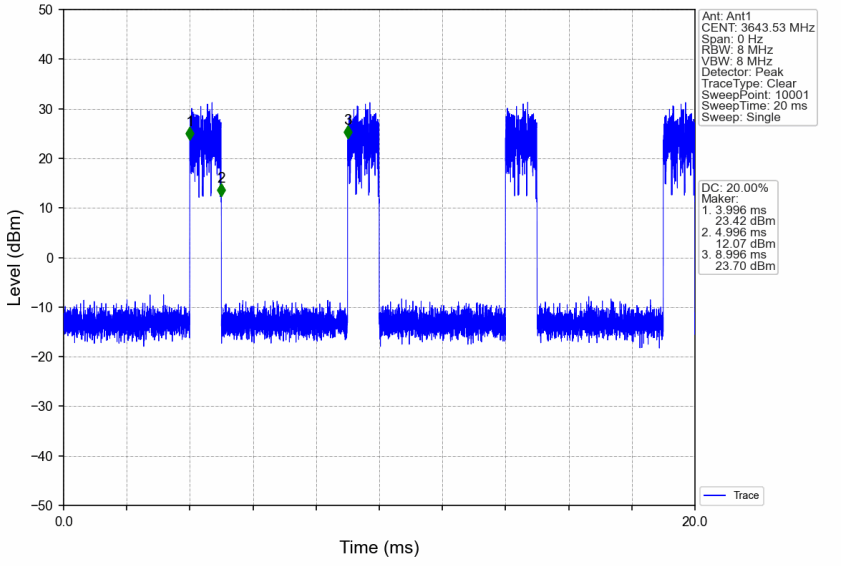
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Inner_Full



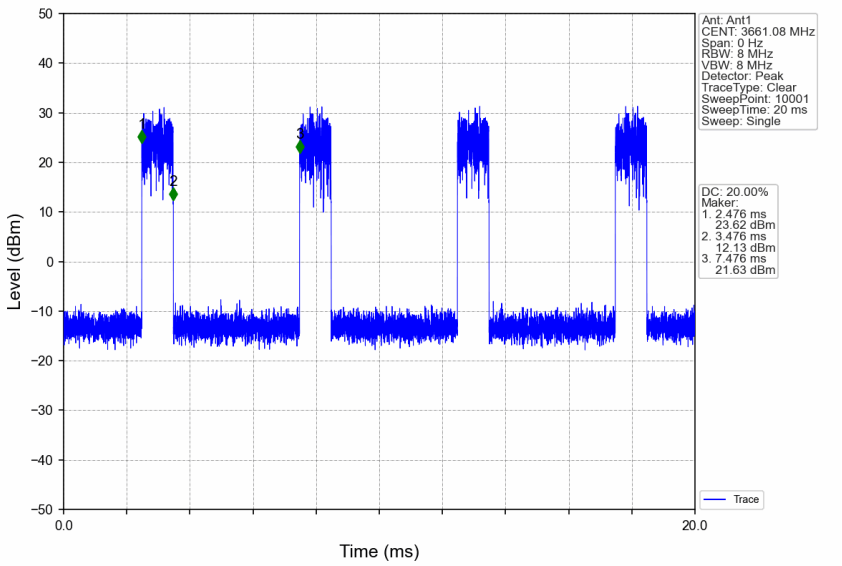
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Inner_1RB_Left



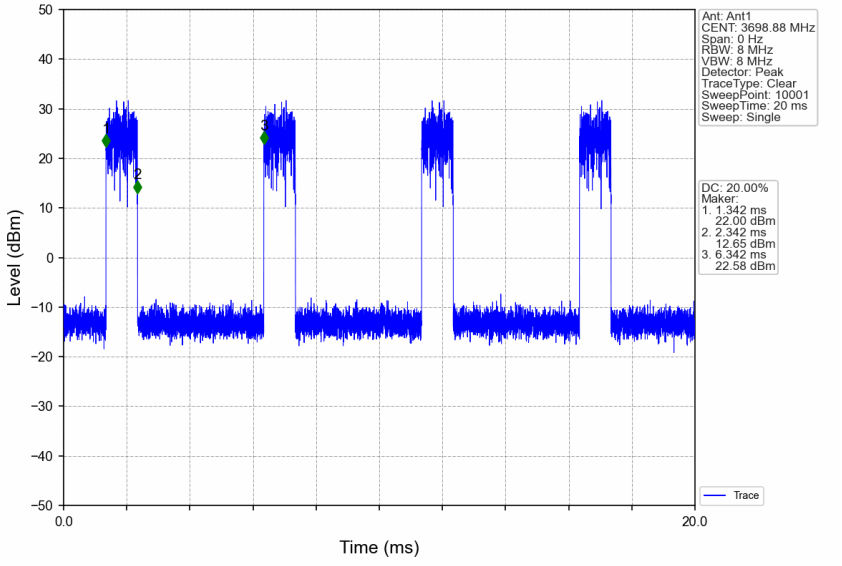
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Inner_1RB_Right



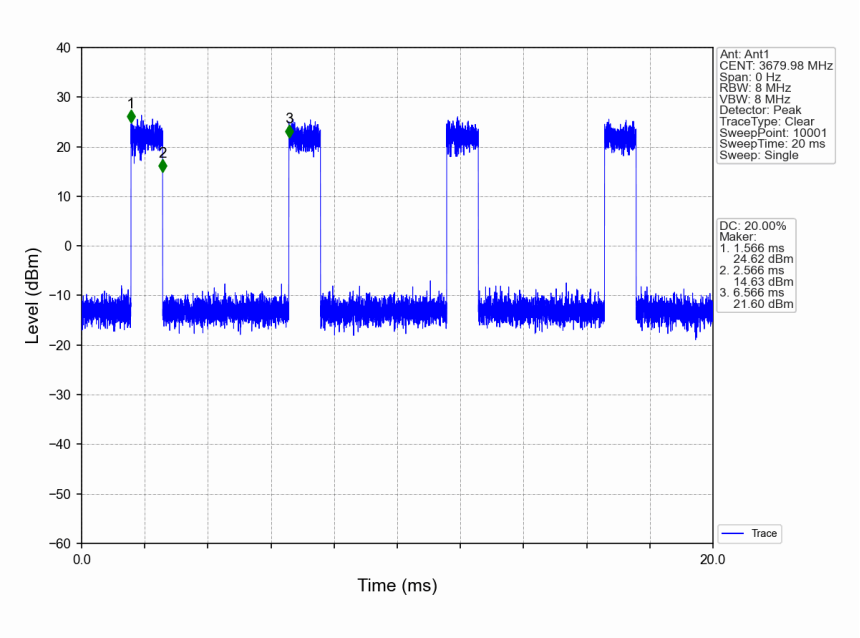
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Edge_1RB_Left



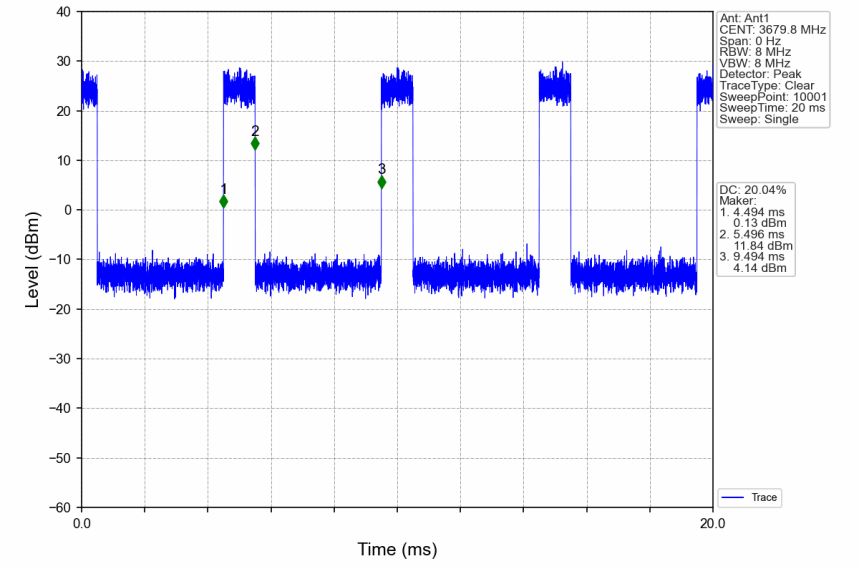
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Edge_1RB_Right



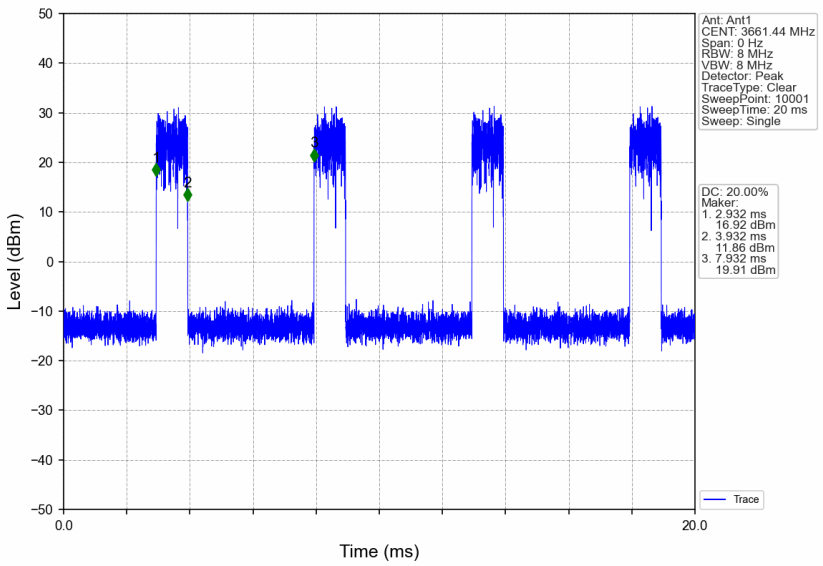
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Outer_Full



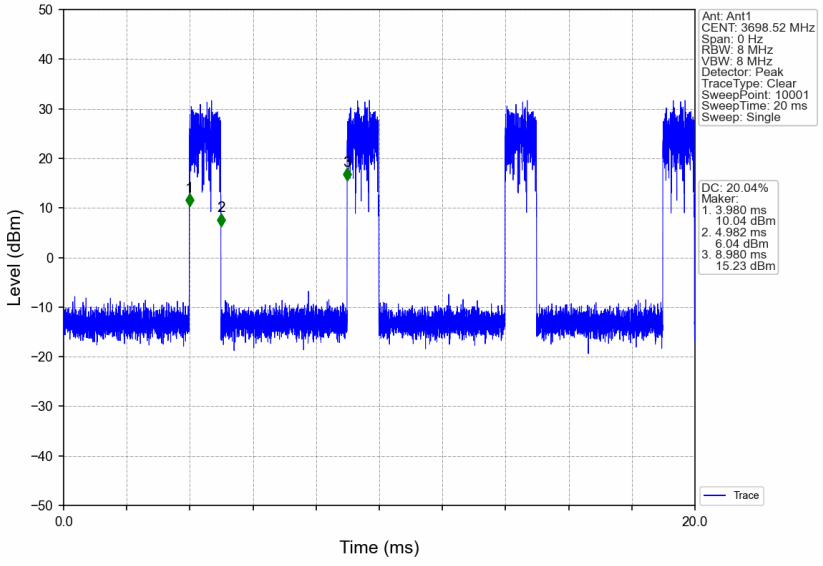
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Inner_Full



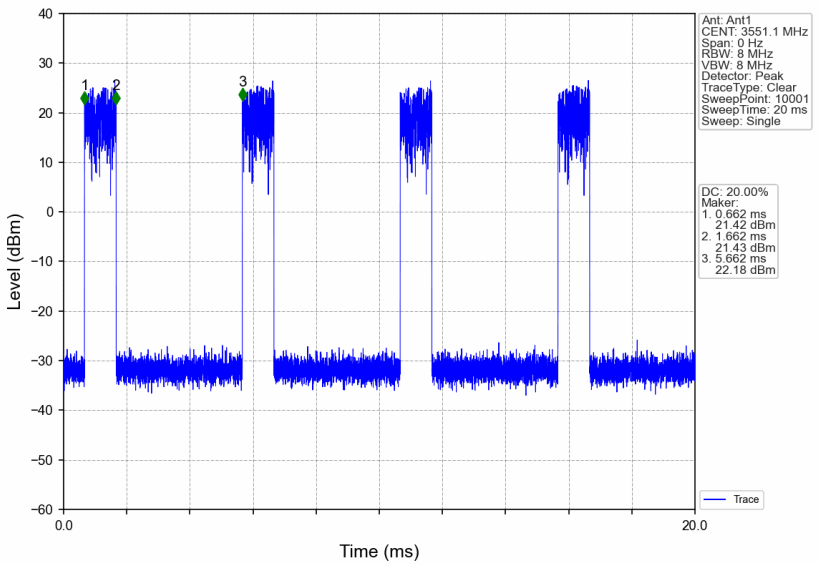
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Inner_1RB_Left



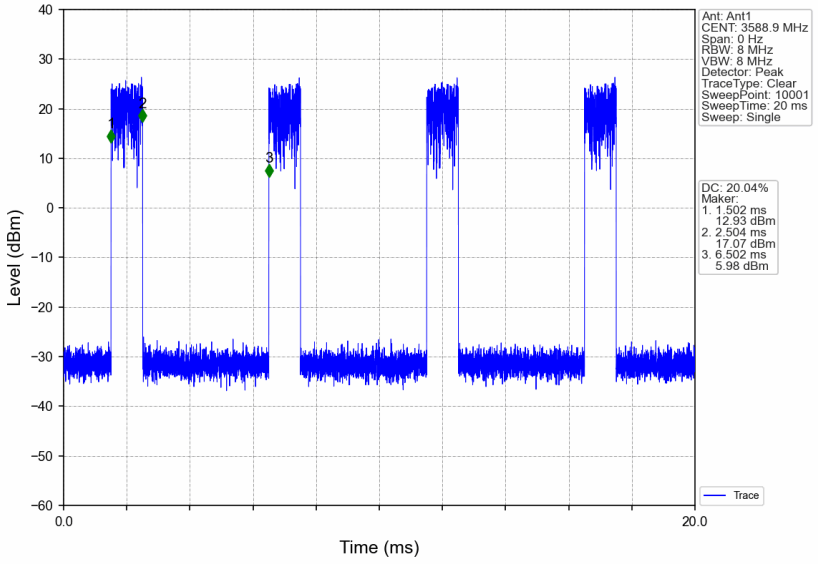
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Inner_1RB_Right



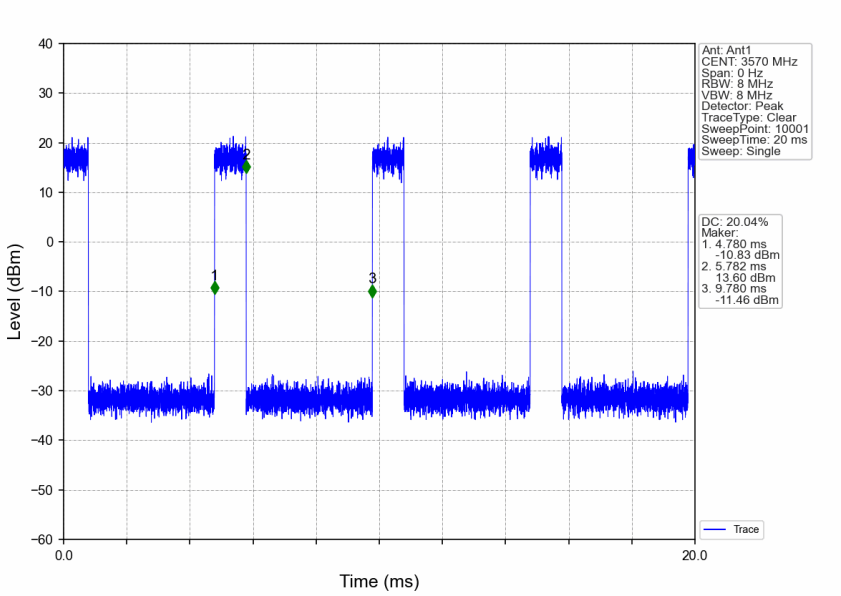
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Edge_1RB_Left



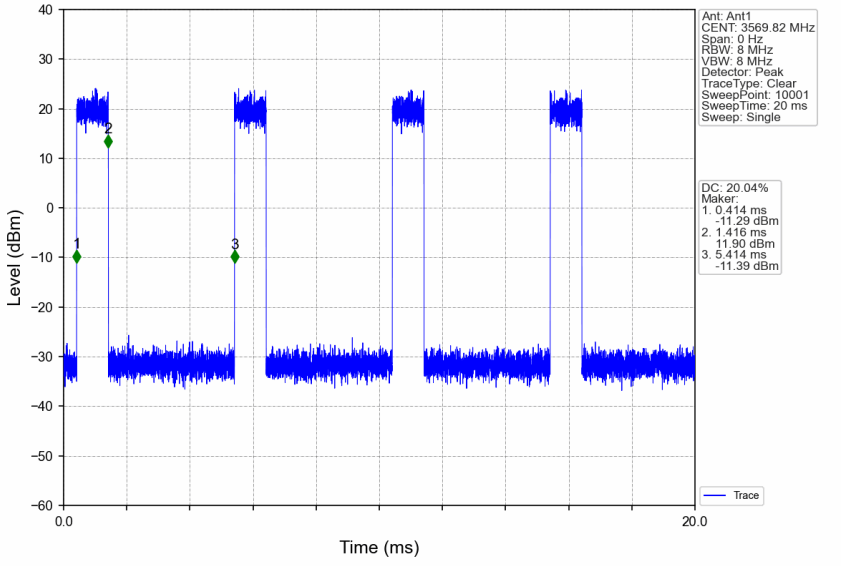
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Edge_1RB_Right



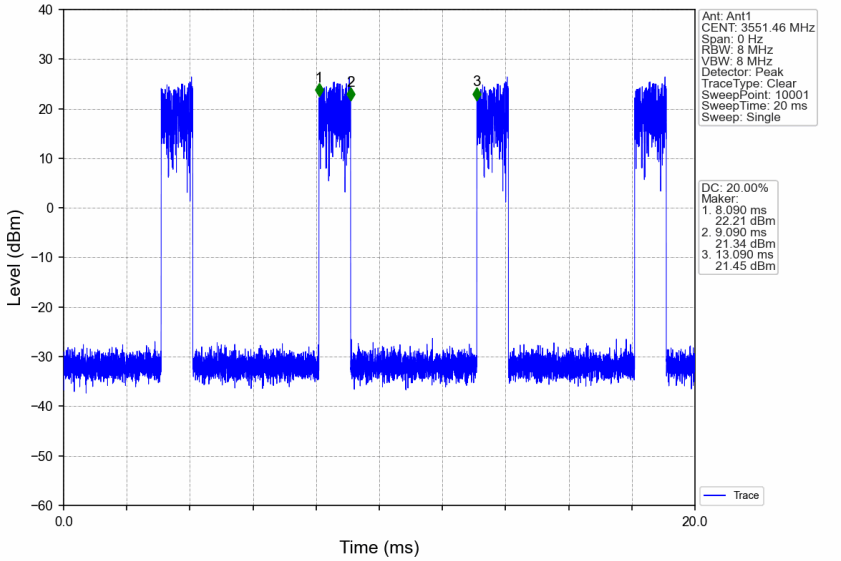
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Outer_Full



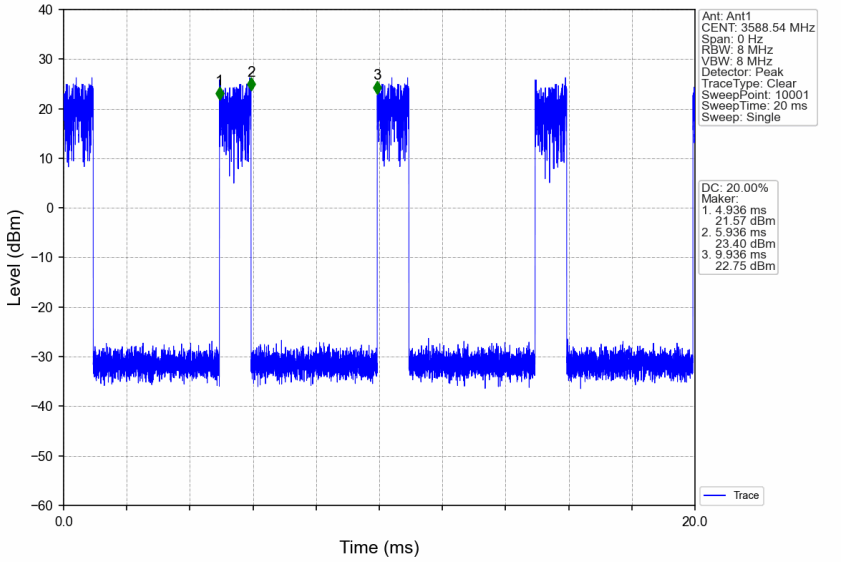
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Inner_Full



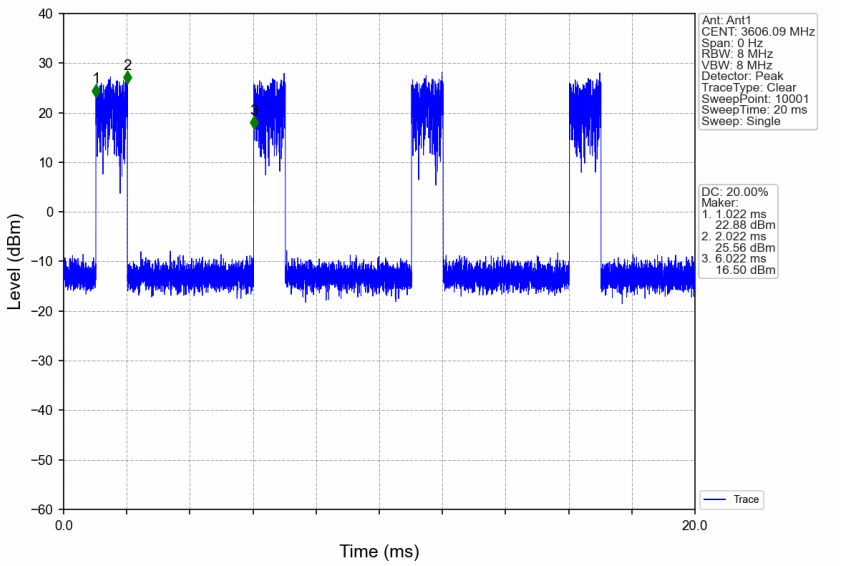
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Inner_1RB_Left



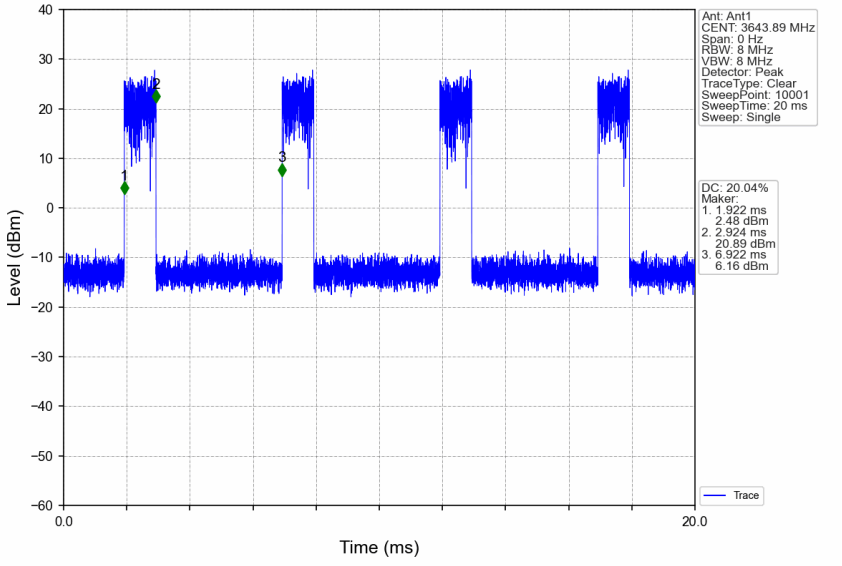
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Inner_1RB_Right



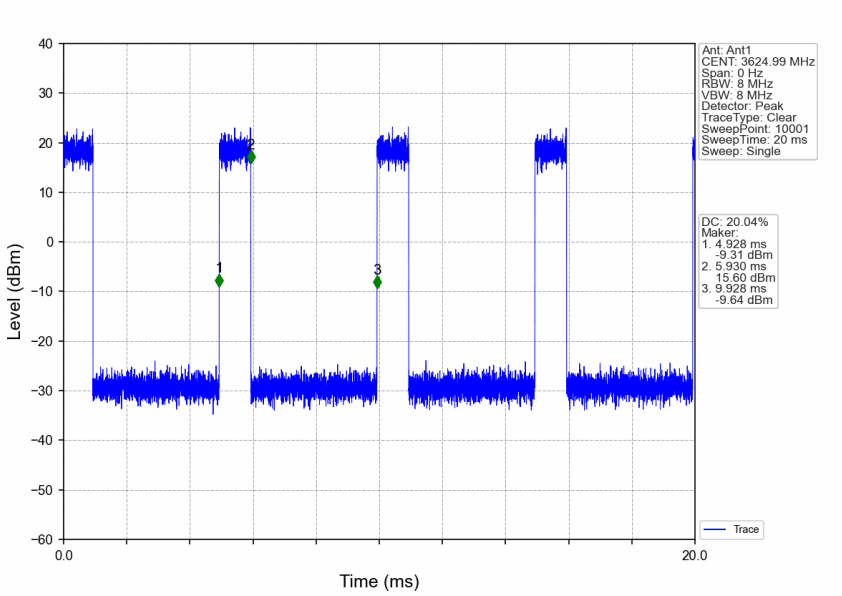
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Edge_1RB_Left



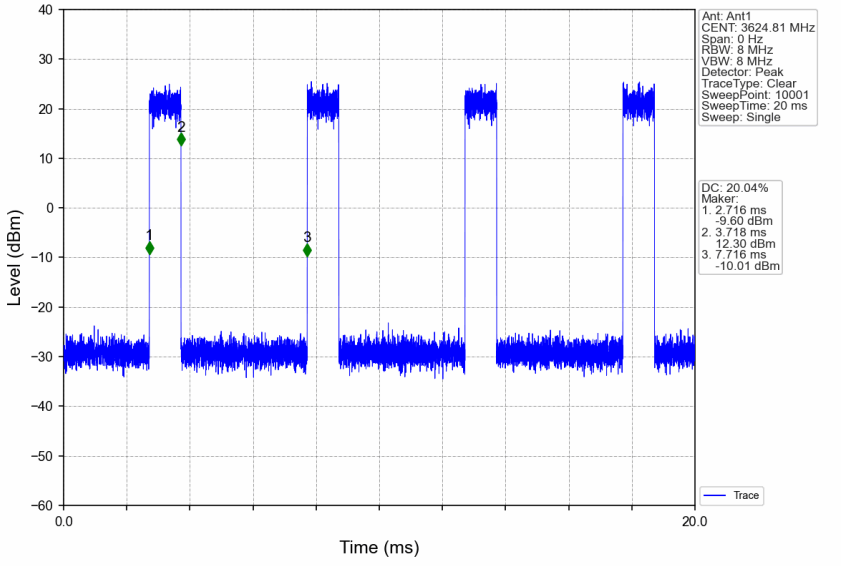
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Edge_1RB_Right



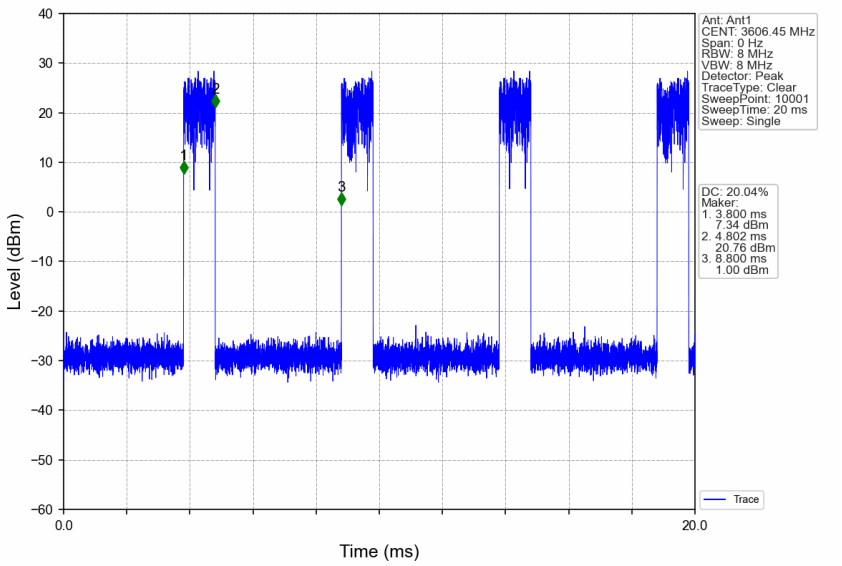
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full



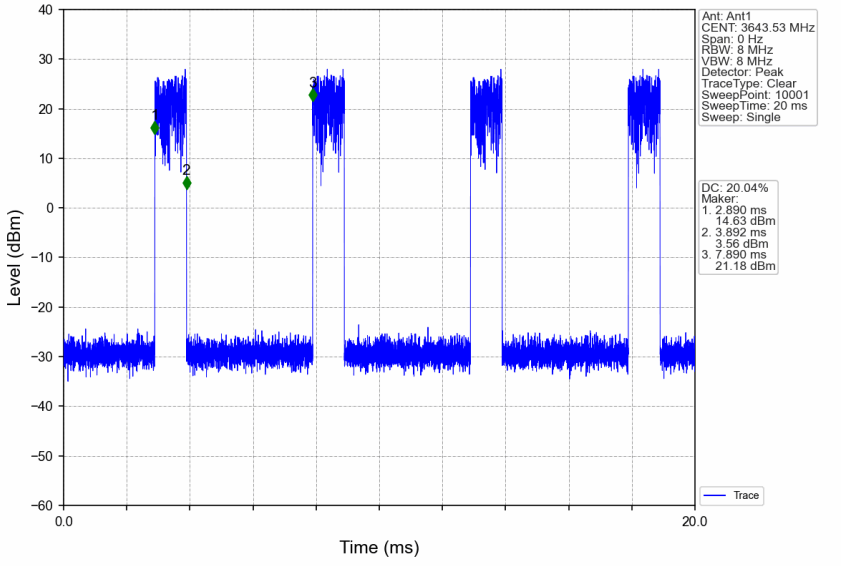
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Inner_Full



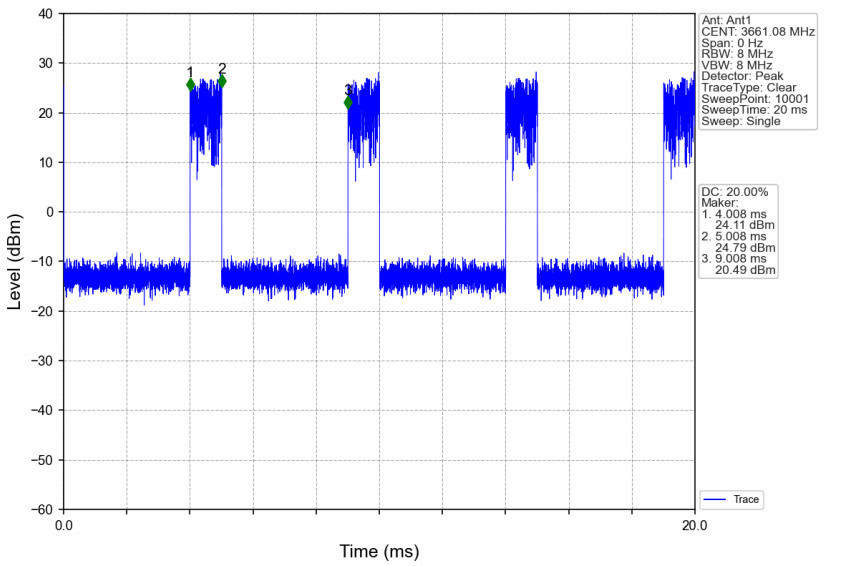
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Inner_1RB_Left



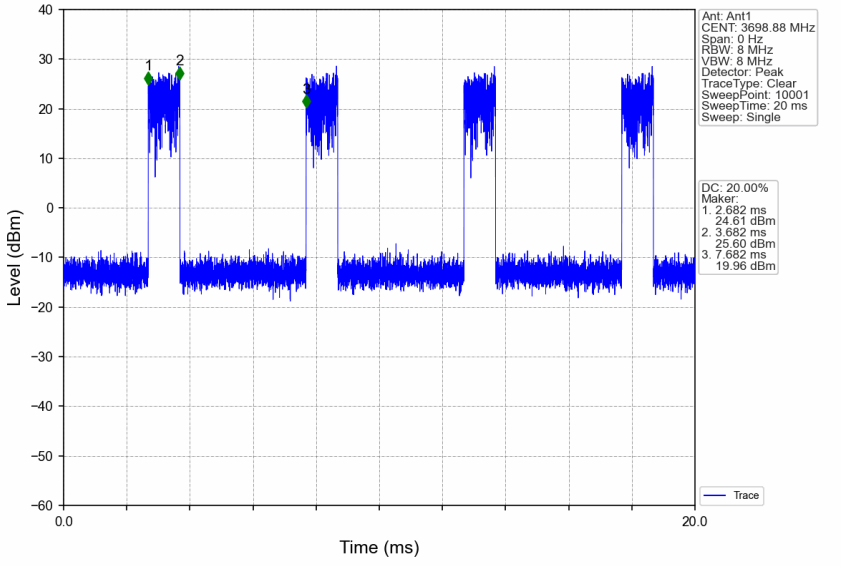
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Inner_1RB_Right



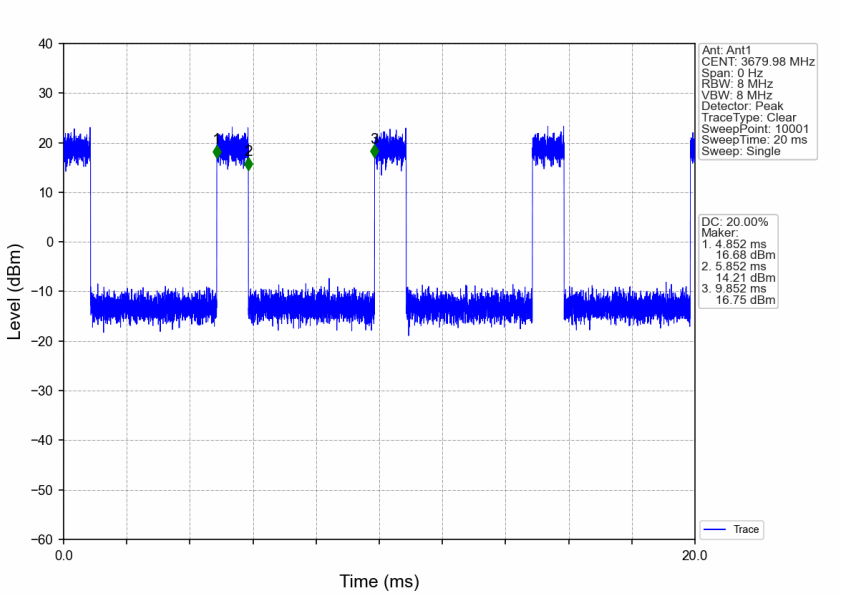
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3679.98MHz_Edge_1RB_Left



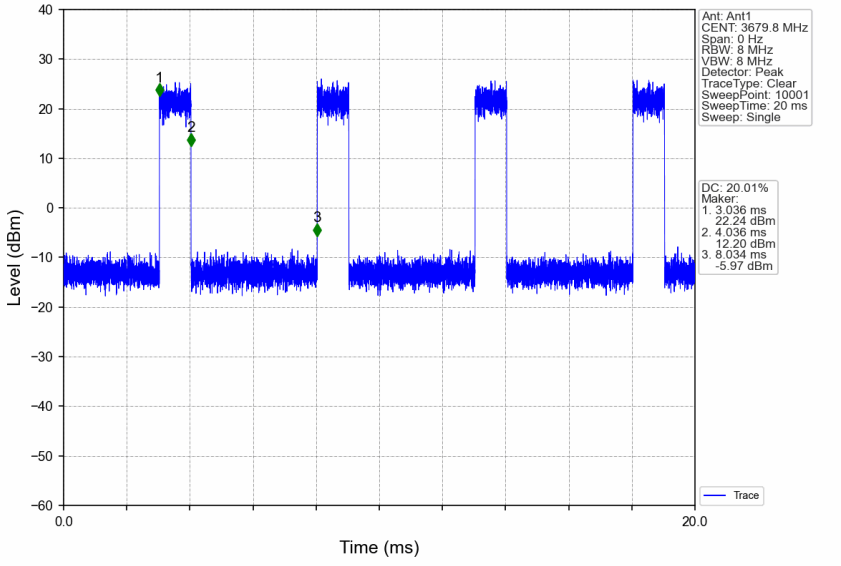
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3679.98MHz_Edge_1RB_Right



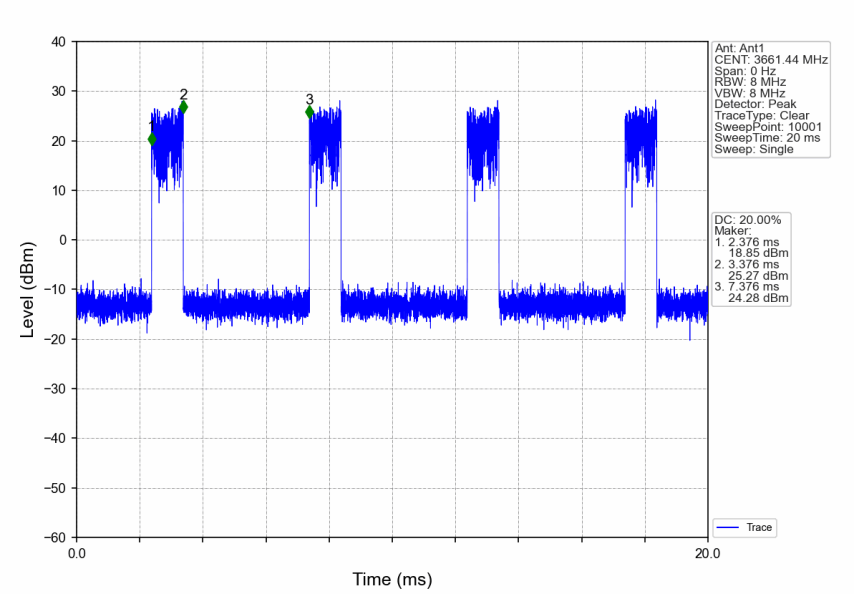
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3679.98MHz_Outer_Full



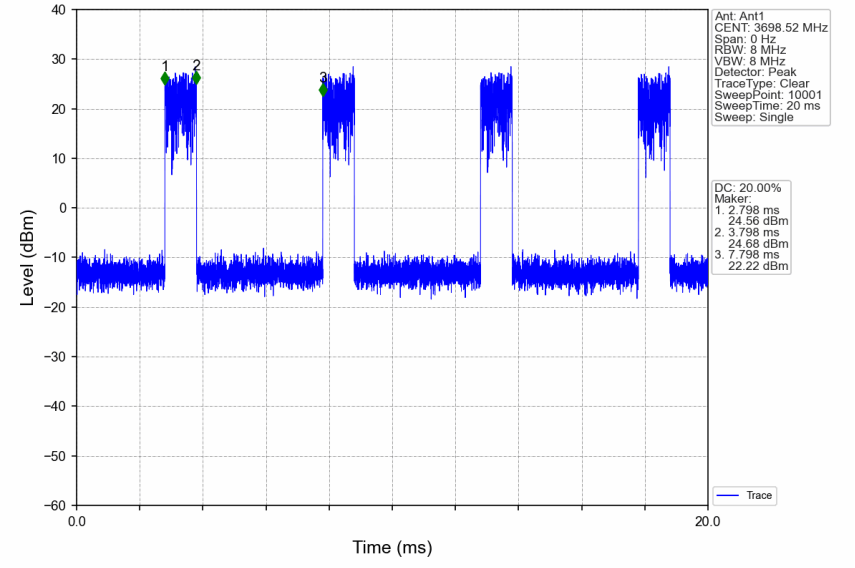
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3679.98MHz_Inner_Full



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



2. Effective (Isotropic) Radiated Power Output Data

2.1 30k_SISO_20MHz_NTNV_EIRP

2.1.1 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	21.54	/	/	22.83	/	/	<=23	Pass
		Edge_1RB_Right	21.44	/	/	22.73	/	/	<=23	Pass
		Outer_Full	21.42	/	/	22.71	/	/	<=23	Pass
		Inner_Full	21.08	/	/	22.37	/	/	<=23	Pass
		Inner_1RB_Left	21.36	/	/	22.65	/	/	<=23	Pass
		Inner_1RB_Right	21.30	/	/	22.59	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.97	/	/	22.26	/	/	<=23	Pass
		Edge_1RB_Right	21.28	/	/	22.57	/	/	<=23	Pass
		Outer_Full	21.01	/	/	22.30	/	/	<=23	Pass
		Inner_Full	21.31	/	/	22.60	/	/	<=23	Pass
		Inner_1RB_Left	21.24	/	/	22.53	/	/	<=23	Pass
		Inner_1RB_Right	21.55	/	/	22.84	/	/	<=23	Pass
	3690	Edge_1RB_Left	21.03	/	/	22.32	/	/	<=23	Pass
		Edge_1RB_Right	21.34	/	/	22.63	/	/	<=23	Pass
		Outer_Full	21.54	/	/	22.83	/	/	<=23	Pass
		Inner_Full	21.56	/	/	22.85	/	/	<=23	Pass
		Inner_1RB_Left	21.55	/	/	22.84	/	/	<=23	Pass
		Inner_1RB_Right	21.63	/	/	22.92	/	/	<=23	Pass
DFT-s-OFDM QPSK	3560.01	Edge_1RB_Left	21.19	/	/	22.48	/	/	<=23	Pass
		Edge_1RB_Right	21.51	/	/	22.80	/	/	<=23	Pass
		Outer_Full	21.03	/	/	22.32	/	/	<=23	Pass
		Inner_Full	21.08	/	/	22.37	/	/	<=23	Pass
		Inner_1RB_Left	20.99	/	/	22.28	/	/	<=23	Pass
		Inner_1RB_Right	21.15	/	/	22.44	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.56	/	/	22.85	/	/	<=23	Pass
		Edge_1RB_Right	21.32	/	/	22.61	/	/	<=23	Pass
		Outer_Full	21.01	/	/	22.30	/	/	<=23	Pass
		Inner_Full	21.08	/	/	22.37	/	/	<=23	Pass
		Inner_1RB_Left	21.38	/	/	22.67	/	/	<=23	Pass
		Inner_1RB_Right	21.48	/	/	22.77	/	/	<=23	Pass
	3690	Edge_1RB_Left	21.55	/	/	22.84	/	/	<=23	Pass
		Edge_1RB_Right	21.14	/	/	22.43	/	/	<=23	Pass
		Outer_Full	20.99	/	/	22.28	/	/	<=23	Pass
		Inner_Full	21.18	/	/	22.47	/	/	<=23	Pass
		Inner_1RB_Left	20.91	/	/	22.20	/	/	<=23	Pass
		Inner_1RB_Right	21.19	/	/	22.48	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3560.01	Edge_1RB_Left	21.17	/	/	22.46	/	/	<=23	Pass
		Edge_1RB_Right	21.15	/	/	22.44	/	/	<=23	Pass
		Outer_Full	21.46	/	/	22.75	/	/	<=23	Pass
		Inner_Full	20.89	/	/	22.18	/	/	<=23	Pass
		Inner_1RB_Left	21.29	/	/	22.58	/	/	<=23	Pass
		Inner_1RB_Right	21.17	/	/	22.46	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.48	/	/	22.77	/	/	<=23	Pass
		Edge_1RB_Right	21.36	/	/	22.65	/	/	<=23	Pass
		Outer_Full	21.10	/	/	22.39	/	/	<=23	Pass

		Inner_Full	20.81	/	/	22.10	/	/	<=23	Pass
		Inner_1RB_Left	20.91	/	/	22.20	/	/	<=23	Pass
		Inner_1RB_Right	20.81	/	/	22.10	/	/	<=23	Pass
	3690	Edge_1RB_Left	21.07	/	/	22.36	/	/	<=23	Pass
		Edge_1RB_Right	21.39	/	/	22.68	/	/	<=23	Pass
		Outer_Full	21.23	/	/	22.52	/	/	<=23	Pass
		Inner_Full	20.82	/	/	22.11	/	/	<=23	Pass
		Inner_1RB_Left	20.82	/	/	22.11	/	/	<=23	Pass
		Inner_1RB_Right	20.85	/	/	22.14	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3560.01	Edge_1RB_Left	21.19	/	/	22.48	/	/	<=23	Pass
		Edge_1RB_Right	20.93	/	/	22.22	/	/	<=23	Pass
		Outer_Full	21.39	/	/	22.68	/	/	<=23	Pass
		Inner_Full	21.26	/	/	22.55	/	/	<=23	Pass
		Inner_1RB_Left	20.83	/	/	22.12	/	/	<=23	Pass
		Inner_1RB_Right	20.71	/	/	22.00	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.81	/	/	22.10	/	/	<=23	Pass
		Edge_1RB_Right	21.21	/	/	22.50	/	/	<=23	Pass
		Outer_Full	21.19	/	/	22.48	/	/	<=23	Pass
		Inner_Full	21.13	/	/	22.42	/	/	<=23	Pass
		Inner_1RB_Left	20.83	/	/	22.12	/	/	<=23	Pass
		Inner_1RB_Right	20.75	/	/	22.04	/	/	<=23	Pass
	3690	Edge_1RB_Left	20.98	/	/	22.27	/	/	<=23	Pass
		Edge_1RB_Right	20.80	/	/	22.09	/	/	<=23	Pass
		Outer_Full	20.90	/	/	22.19	/	/	<=23	Pass
		Inner_Full	20.91	/	/	22.20	/	/	<=23	Pass
		Inner_1RB_Left	20.73	/	/	22.02	/	/	<=23	Pass
		Inner_1RB_Right	21.43	/	/	22.72	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3560.01	Edge_1RB_Left	19.80	/	/	21.09	/	/	<=23	Pass
		Edge_1RB_Right	20.11	/	/	21.40	/	/	<=23	Pass
		Outer_Full	20.30	/	/	21.59	/	/	<=23	Pass
		Inner_Full	19.73	/	/	21.02	/	/	<=23	Pass
		Inner_1RB_Left	19.76	/	/	21.05	/	/	<=23	Pass
		Inner_1RB_Right	20.17	/	/	21.46	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.23	/	/	21.52	/	/	<=23	Pass
		Edge_1RB_Right	20.02	/	/	21.31	/	/	<=23	Pass
		Outer_Full	19.97	/	/	21.26	/	/	<=23	Pass
		Inner_Full	19.67	/	/	20.96	/	/	<=23	Pass
		Inner_1RB_Left	19.99	/	/	21.28	/	/	<=23	Pass
		Inner_1RB_Right	19.89	/	/	21.18	/	/	<=23	Pass
	3690	Edge_1RB_Left	19.78	/	/	21.07	/	/	<=23	Pass
		Edge_1RB_Right	19.62	/	/	20.91	/	/	<=23	Pass
		Outer_Full	19.92	/	/	21.21	/	/	<=23	Pass
		Inner_Full	19.81	/	/	21.10	/	/	<=23	Pass
		Inner_1RB_Left	19.83	/	/	21.12	/	/	<=23	Pass
		Inner_1RB_Right	19.65	/	/	20.94	/	/	<=23	Pass
CP-OFDM QPSK	3560.01	Edge_1RB_Left	21.35	/	/	22.64	/	/	<=23	Pass
		Edge_1RB_Right	20.92	/	/	22.21	/	/	<=23	Pass
		Outer_Full	21.56	/	/	22.85	/	/	<=23	Pass
		Inner_Full	21.03	/	/	22.32	/	/	<=23	Pass
		Inner_1RB_Left	20.94	/	/	22.23	/	/	<=23	Pass
		Inner_1RB_Right	21.36	/	/	22.65	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.26	/	/	22.55	/	/	<=23	Pass
		Edge_1RB_Right	21.54	/	/	22.83	/	/	<=23	Pass
		Outer_Full	21.56	/	/	22.85	/	/	<=23	Pass
		Inner_Full	21.20	/	/	22.49	/	/	<=23	Pass
		Inner_1RB_Left	21.37	/	/	22.66	/	/	<=23	Pass
		Inner_1RB_Right	21.36	/	/	22.65	/	/	<=23	Pass
	3690	Edge_1RB_Left	20.97	/	/	22.26	/	/	<=23	Pass

		Edge_1RB_Right	21.59	/	/	22.88	/	/	<=23	Pass
		Outer_Full	21.42	/	/	22.71	/	/	<=23	Pass
		Inner_Full	21.61	/	/	22.90	/	/	<=23	Pass
		Inner_1RB_Left	21.07	/	/	22.36	/	/	<=23	Pass
		Inner_1RB_Right	21.63	/	/	22.92	/	/	<=23	Pass
CP-OFDM 16 QAM	3560.01	Edge_1RB_Left	21.18	/	/	22.47	/	/	<=23	Pass
		Edge_1RB_Right	21.16	/	/	22.45	/	/	<=23	Pass
		Outer_Full	21.26	/	/	22.55	/	/	<=23	Pass
		Inner_Full	21.35	/	/	22.64	/	/	<=23	Pass
		Inner_1RB_Left	21.33	/	/	22.62	/	/	<=23	Pass
		Inner_1RB_Right	21.47	/	/	22.76	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.43	/	/	22.72	/	/	<=23	Pass
		Edge_1RB_Right	21.21	/	/	22.50	/	/	<=23	Pass
		Outer_Full	20.88	/	/	22.17	/	/	<=23	Pass
		Inner_Full	21.18	/	/	22.47	/	/	<=23	Pass
		Inner_1RB_Left	21.06	/	/	22.35	/	/	<=23	Pass
		Inner_1RB_Right	21.17	/	/	22.46	/	/	<=23	Pass
	3690	Edge_1RB_Left	21.33	/	/	22.62	/	/	<=23	Pass
		Edge_1RB_Right	21.34	/	/	22.63	/	/	<=23	Pass
		Outer_Full	21.38	/	/	22.67	/	/	<=23	Pass
		Inner_Full	21.49	/	/	22.78	/	/	<=23	Pass
		Inner_1RB_Left	20.90	/	/	22.19	/	/	<=23	Pass
		Inner_1RB_Right	21.34	/	/	22.63	/	/	<=23	Pass
CP-OFDM 64 QAM	3560.01	Edge_1RB_Left	20.98	/	/	22.27	/	/	<=23	Pass
		Edge_1RB_Right	21.02	/	/	22.31	/	/	<=23	Pass
		Outer_Full	20.92	/	/	22.21	/	/	<=23	Pass
		Inner_Full	20.67	/	/	21.96	/	/	<=23	Pass
		Inner_1RB_Left	21.14	/	/	22.43	/	/	<=23	Pass
		Inner_1RB_Right	20.89	/	/	22.18	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.13	/	/	22.42	/	/	<=23	Pass
		Edge_1RB_Right	20.57	/	/	21.86	/	/	<=23	Pass
		Outer_Full	20.99	/	/	22.28	/	/	<=23	Pass
		Inner_Full	20.86	/	/	22.15	/	/	<=23	Pass
		Inner_1RB_Left	20.87	/	/	22.16	/	/	<=23	Pass
		Inner_1RB_Right	20.59	/	/	21.88	/	/	<=23	Pass
	3690	Edge_1RB_Left	21.19	/	/	22.48	/	/	<=23	Pass
		Edge_1RB_Right	20.95	/	/	22.24	/	/	<=23	Pass
		Outer_Full	21.04	/	/	22.33	/	/	<=23	Pass
		Inner_Full	21.11	/	/	22.40	/	/	<=23	Pass
		Inner_1RB_Left	21.20	/	/	22.49	/	/	<=23	Pass
		Inner_1RB_Right	20.79	/	/	22.08	/	/	<=23	Pass
CP-OFDM 256 QAM	3560.01	Edge_1RB_Left	18.02	/	/	19.31	/	/	<=23	Pass
		Edge_1RB_Right	18.08	/	/	19.37	/	/	<=23	Pass
		Outer_Full	17.81	/	/	19.10	/	/	<=23	Pass
		Inner_Full	18.43	/	/	19.72	/	/	<=23	Pass
		Inner_1RB_Left	18.41	/	/	19.70	/	/	<=23	Pass
		Inner_1RB_Right	18.24	/	/	19.53	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.84	/	/	19.13	/	/	<=23	Pass
		Edge_1RB_Right	18.37	/	/	19.66	/	/	<=23	Pass
		Outer_Full	18.15	/	/	19.44	/	/	<=23	Pass
		Inner_Full	17.79	/	/	19.08	/	/	<=23	Pass
		Inner_1RB_Left	17.94	/	/	19.23	/	/	<=23	Pass
		Inner_1RB_Right	18.20	/	/	19.49	/	/	<=23	Pass
	3690	Edge_1RB_Left	17.93	/	/	19.22	/	/	<=23	Pass
		Edge_1RB_Right	18.25	/	/	19.54	/	/	<=23	Pass
		Outer_Full	18.33	/	/	19.62	/	/	<=23	Pass
		Inner_Full	18.25	/	/	19.54	/	/	<=23	Pass
		Inner_1RB_Left	17.95	/	/	19.24	/	/	<=23	Pass

		Inner_1RB_Right	18.02	/	/	19.31	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: 1.29dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2.2 30k_SISO_20MHz_NTNV_EIRP/10MHz

2.2.1 Test Result

5G NR n48 SCS=30kHz SISO 20MHz NTNV										
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	20.98	/	/	22.27	/	/	<=23	Pass
		Edge_1RB_Right	21.43	/	/	22.72	/	/	<=23	Pass
		Outer_Full	18.49	/	/	19.78	/	/	<=23	Pass
		Inner_Full	21.19	/	/	22.48	/	/	<=23	Pass
		Inner_1RB_Left	21.58	/	/	22.87	/	/	<=23	Pass
		Inner_1RB_Right	21.27	/	/	22.56	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.96	/	/	22.25	/	/	<=23	Pass
		Edge_1RB_Right	21.48	/	/	22.77	/	/	<=23	Pass
		Outer_Full	18.01	/	/	19.30	/	/	<=23	Pass
		Inner_Full	21.24	/	/	22.53	/	/	<=23	Pass
		Inner_1RB_Left	21.18	/	/	22.47	/	/	<=23	Pass
		Inner_1RB_Right	21.47	/	/	22.76	/	/	<=23	Pass
	3690	Edge_1RB_Left	21.31	/	/	22.60	/	/	<=23	Pass
		Edge_1RB_Right	21.06	/	/	22.35	/	/	<=23	Pass
		Outer_Full	18.75	/	/	20.04	/	/	<=23	Pass
		Inner_Full	21.52	/	/	22.81	/	/	<=23	Pass
		Inner_1RB_Left	21.39	/	/	22.68	/	/	<=23	Pass
		Inner_1RB_Right	21.56	/	/	22.85	/	/	<=23	Pass
DFT-s-OFDM QPSK	3560.01	Edge_1RB_Left	21.23	/	/	22.52	/	/	<=23	Pass
		Edge_1RB_Right	20.97	/	/	22.26	/	/	<=23	Pass
		Outer_Full	17.88	/	/	19.17	/	/	<=23	Pass
		Inner_Full	21.53	/	/	22.82	/	/	<=23	Pass
		Inner_1RB_Left	21.50	/	/	22.79	/	/	<=23	Pass
		Inner_1RB_Right	20.96	/	/	22.25	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.12	/	/	22.41	/	/	<=23	Pass
		Edge_1RB_Right	21.55	/	/	22.84	/	/	<=23	Pass
		Outer_Full	18.48	/	/	19.77	/	/	<=23	Pass
		Inner_Full	21.16	/	/	22.45	/	/	<=23	Pass
		Inner_1RB_Left	20.91	/	/	22.20	/	/	<=23	Pass
		Inner_1RB_Right	20.99	/	/	22.28	/	/	<=23	Pass
	3690	Edge_1RB_Left	21.27	/	/	22.56	/	/	<=23	Pass
		Edge_1RB_Right	21.49	/	/	22.78	/	/	<=23	Pass
		Outer_Full	18.55	/	/	19.84	/	/	<=23	Pass
		Inner_Full	21.15	/	/	22.44	/	/	<=23	Pass
		Inner_1RB_Left	21.30	/	/	22.59	/	/	<=23	Pass
		Inner_1RB_Right	20.91	/	/	22.20	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3560.01	Edge_1RB_Left	21.29	/	/	22.58	/	/	<=23	Pass
		Edge_1RB_Right	21.28	/	/	22.57	/	/	<=23	Pass
		Outer_Full	17.70	/	/	18.99	/	/	<=23	Pass
		Inner_Full	21.09	/	/	22.38	/	/	<=23	Pass
		Inner_1RB_Left	20.83	/	/	22.12	/	/	<=23	Pass
		Inner_1RB_Right	21.52	/	/	22.81	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.35	/	/	22.64	/	/	<=23	Pass
		Edge_1RB_Right	20.89	/	/	22.18	/	/	<=23	Pass

		Outer_Full	17.74	/	/	19.03	/	/	<=23	Pass
		Inner_Full	21.20	/	/	22.49	/	/	<=23	Pass
		Inner_1RB_Left	20.89	/	/	22.18	/	/	<=23	Pass
		Inner_1RB_Right	21.53	/	/	22.82	/	/	<=23	Pass
	3690	Edge_1RB_Left	21.23	/	/	22.52	/	/	<=23	Pass
		Edge_1RB_Right	20.98	/	/	22.27	/	/	<=23	Pass
		Outer_Full	17.98	/	/	19.27	/	/	<=23	Pass
		Inner_Full	20.83	/	/	22.12	/	/	<=23	Pass
		Inner_1RB_Left	21.27	/	/	22.56	/	/	<=23	Pass
		Inner_1RB_Right	21.20	/	/	22.49	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3560.01	Edge_1RB_Left	21.27	/	/	22.56	/	/	<=23	Pass
		Edge_1RB_Right	20.77	/	/	22.06	/	/	<=23	Pass
		Outer_Full	18.14	/	/	19.43	/	/	<=23	Pass
		Inner_Full	21.16	/	/	22.45	/	/	<=23	Pass
		Inner_1RB_Left	20.86	/	/	22.15	/	/	<=23	Pass
		Inner_1RB_Right	20.77	/	/	22.06	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.91	/	/	22.20	/	/	<=23	Pass
		Edge_1RB_Right	21.06	/	/	22.35	/	/	<=23	Pass
		Outer_Full	17.78	/	/	19.07	/	/	<=23	Pass
		Inner_Full	21.09	/	/	22.38	/	/	<=23	Pass
		Inner_1RB_Left	21.42	/	/	22.71	/	/	<=23	Pass
		Inner_1RB_Right	20.99	/	/	22.28	/	/	<=23	Pass
	3690	Edge_1RB_Left	20.99	/	/	22.28	/	/	<=23	Pass
		Edge_1RB_Right	20.87	/	/	22.16	/	/	<=23	Pass
		Outer_Full	18.41	/	/	19.70	/	/	<=23	Pass
		Inner_Full	21.17	/	/	22.46	/	/	<=23	Pass
		Inner_1RB_Left	20.73	/	/	22.02	/	/	<=23	Pass
		Inner_1RB_Right	21.35	/	/	22.64	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3560.01	Edge_1RB_Left	20.22	/	/	21.51	/	/	<=23	Pass
		Edge_1RB_Right	19.66	/	/	20.95	/	/	<=23	Pass
		Outer_Full	17.24	/	/	18.53	/	/	<=23	Pass
		Inner_Full	19.84	/	/	21.13	/	/	<=23	Pass
		Inner_1RB_Left	19.97	/	/	21.26	/	/	<=23	Pass
		Inner_1RB_Right	20.03	/	/	21.32	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	19.79	/	/	21.08	/	/	<=23	Pass
		Edge_1RB_Right	20.07	/	/	21.36	/	/	<=23	Pass
		Outer_Full	17.30	/	/	18.59	/	/	<=23	Pass
		Inner_Full	20.22	/	/	21.51	/	/	<=23	Pass
		Inner_1RB_Left	20.31	/	/	21.60	/	/	<=23	Pass
		Inner_1RB_Right	20.30	/	/	21.59	/	/	<=23	Pass
	3690	Edge_1RB_Left	19.68	/	/	20.97	/	/	<=23	Pass
		Edge_1RB_Right	20.17	/	/	21.46	/	/	<=23	Pass
		Outer_Full	16.64	/	/	17.93	/	/	<=23	Pass
		Inner_Full	20.21	/	/	21.50	/	/	<=23	Pass
		Inner_1RB_Left	20.23	/	/	21.52	/	/	<=23	Pass
		Inner_1RB_Right	20.13	/	/	21.42	/	/	<=23	Pass
CP-OFDM QPSK	3560.01	Edge_1RB_Left	21.41	/	/	22.70	/	/	<=23	Pass
		Edge_1RB_Right	21.65	/	/	22.94	/	/	<=23	Pass
		Outer_Full	18.00	/	/	19.29	/	/	<=23	Pass
		Inner_Full	21.39	/	/	22.68	/	/	<=23	Pass
		Inner_1RB_Left	21.53	/	/	22.82	/	/	<=23	Pass
		Inner_1RB_Right	21.51	/	/	22.80	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.37	/	/	22.66	/	/	<=23	Pass
		Edge_1RB_Right	20.97	/	/	22.26	/	/	<=23	Pass
		Outer_Full	18.55	/	/	19.84	/	/	<=23	Pass
		Inner_Full	21.10	/	/	22.39	/	/	<=23	Pass
		Inner_1RB_Left	21.28	/	/	22.57	/	/	<=23	Pass
		Inner_1RB_Right	21.15	/	/	22.44	/	/	<=23	Pass

	3690	Edge_1RB_Left	21.13	/	/	22.42	/	/	<=23	Pass
		Edge_1RB_Right	21.19	/	/	22.48	/	/	<=23	Pass
		Outer_Full	18.37	/	/	19.66	/	/	<=23	Pass
		Inner_Full	21.50	/	/	22.79	/	/	<=23	Pass
		Inner_1RB_Left	20.94	/	/	22.23	/	/	<=23	Pass
		Inner_1RB_Right	21.23	/	/	22.52	/	/	<=23	Pass
CP-OFDM 16 QAM	3560.01	Edge_1RB_Left	21.48	/	/	22.77	/	/	<=23	Pass
		Edge_1RB_Right	21.33	/	/	22.62	/	/	<=23	Pass
		Outer_Full	18.32	/	/	19.61	/	/	<=23	Pass
		Inner_Full	20.93	/	/	22.22	/	/	<=23	Pass
		Inner_1RB_Left	21.37	/	/	22.66	/	/	<=23	Pass
		Inner_1RB_Right	21.32	/	/	22.61	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.38	/	/	22.67	/	/	<=23	Pass
		Edge_1RB_Right	21.27	/	/	22.56	/	/	<=23	Pass
		Outer_Full	18.43	/	/	19.72	/	/	<=23	Pass
		Inner_Full	20.83	/	/	22.12	/	/	<=23	Pass
		Inner_1RB_Left	21.44	/	/	22.73	/	/	<=23	Pass
		Inner_1RB_Right	21.09	/	/	22.38	/	/	<=23	Pass
	3690	Edge_1RB_Left	21.36	/	/	22.65	/	/	<=23	Pass
		Edge_1RB_Right	21.38	/	/	22.67	/	/	<=23	Pass
		Outer_Full	18.48	/	/	19.77	/	/	<=23	Pass
		Inner_Full	21.40	/	/	22.69	/	/	<=23	Pass
		Inner_1RB_Left	21.33	/	/	22.62	/	/	<=23	Pass
		Inner_1RB_Right	20.88	/	/	22.17	/	/	<=23	Pass
CP-OFDM 64 QAM	3560.01	Edge_1RB_Left	20.57	/	/	21.86	/	/	<=23	Pass
		Edge_1RB_Right	21.24	/	/	22.53	/	/	<=23	Pass
		Outer_Full	17.73	/	/	19.02	/	/	<=23	Pass
		Inner_Full	20.77	/	/	22.06	/	/	<=23	Pass
		Inner_1RB_Left	21.09	/	/	22.38	/	/	<=23	Pass
		Inner_1RB_Right	20.66	/	/	21.95	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.24	/	/	22.53	/	/	<=23	Pass
		Edge_1RB_Right	20.59	/	/	21.88	/	/	<=23	Pass
		Outer_Full	17.87	/	/	19.16	/	/	<=23	Pass
		Inner_Full	20.82	/	/	22.11	/	/	<=23	Pass
		Inner_1RB_Left	21.19	/	/	22.48	/	/	<=23	Pass
		Inner_1RB_Right	21.15	/	/	22.44	/	/	<=23	Pass
	3690	Edge_1RB_Left	21.11	/	/	22.40	/	/	<=23	Pass
		Edge_1RB_Right	20.59	/	/	21.88	/	/	<=23	Pass
		Outer_Full	17.63	/	/	18.92	/	/	<=23	Pass
		Inner_Full	21.16	/	/	22.45	/	/	<=23	Pass
		Inner_1RB_Left	20.84	/	/	22.13	/	/	<=23	Pass
		Inner_1RB_Right	21.20	/	/	22.49	/	/	<=23	Pass
CP-OFDM 256 QAM	3560.01	Edge_1RB_Left	17.71	/	/	19.00	/	/	<=23	Pass
		Edge_1RB_Right	17.99	/	/	19.28	/	/	<=23	Pass
		Outer_Full	14.83	/	/	16.12	/	/	<=23	Pass
		Inner_Full	17.82	/	/	19.11	/	/	<=23	Pass
		Inner_1RB_Left	18.26	/	/	19.55	/	/	<=23	Pass
		Inner_1RB_Right	17.95	/	/	19.24	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.90	/	/	19.19	/	/	<=23	Pass
		Edge_1RB_Right	18.01	/	/	19.30	/	/	<=23	Pass
		Outer_Full	15.26	/	/	16.55	/	/	<=23	Pass
		Inner_Full	18.43	/	/	19.72	/	/	<=23	Pass
		Inner_1RB_Left	18.27	/	/	19.56	/	/	<=23	Pass
		Inner_1RB_Right	17.74	/	/	19.03	/	/	<=23	Pass
	3690	Edge_1RB_Left	18.10	/	/	19.39	/	/	<=23	Pass
		Edge_1RB_Right	18.00	/	/	19.29	/	/	<=23	Pass
		Outer_Full	14.56	/	/	15.85	/	/	<=23	Pass
		Inner_Full	17.91	/	/	19.20	/	/	<=23	Pass

		Inner_1RB_Left	17.88	/	/	19.17	/	/	<=23	Pass
		Inner_1RB_Right	17.89	/	/	19.18	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: 1.29dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2.3 30k_SISO_40MHz_NTNV_EIRP

2.3.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz 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	3570	Edge_1RB_Left	21.15	/	/	22.44	/	/	<=23	Pass
		Edge_1RB_Right	21.29	/	/	22.58	/	/	<=23	Pass
		Outer_Full	21.49	/	/	22.78	/	/	<=23	Pass
		Inner_Full	21.24	/	/	22.53	/	/	<=23	Pass
		Inner_1RB_Left	21.46	/	/	22.75	/	/	<=23	Pass
		Inner_1RB_Right	21.61	/	/	22.90	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.14	/	/	22.43	/	/	<=23	Pass
		Edge_1RB_Right	21.45	/	/	22.74	/	/	<=23	Pass
		Outer_Full	21.16	/	/	22.45	/	/	<=23	Pass
		Inner_Full	21.54	/	/	22.83	/	/	<=23	Pass
		Inner_1RB_Left	20.97	/	/	22.26	/	/	<=23	Pass
		Inner_1RB_Right	21.61	/	/	22.90	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	21.25	/	/	22.54	/	/	<=23	Pass
		Edge_1RB_Right	21.02	/	/	22.31	/	/	<=23	Pass
		Outer_Full	21.17	/	/	22.46	/	/	<=23	Pass
		Inner_Full	20.92	/	/	22.21	/	/	<=23	Pass
		Inner_1RB_Left	21.25	/	/	22.54	/	/	<=23	Pass
		Inner_1RB_Right	21.58	/	/	22.87	/	/	<=23	Pass
DFT-s-OFDM QPSK	3570	Edge_1RB_Left	20.90	/	/	22.19	/	/	<=23	Pass
		Edge_1RB_Right	21.21	/	/	22.50	/	/	<=23	Pass
		Outer_Full	21.20	/	/	22.49	/	/	<=23	Pass
		Inner_Full	21.31	/	/	22.60	/	/	<=23	Pass
		Inner_1RB_Left	21.37	/	/	22.66	/	/	<=23	Pass
		Inner_1RB_Right	21.53	/	/	22.82	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.55	/	/	22.84	/	/	<=23	Pass
		Edge_1RB_Right	20.98	/	/	22.27	/	/	<=23	Pass
		Outer_Full	21.06	/	/	22.35	/	/	<=23	Pass
		Inner_Full	20.94	/	/	22.23	/	/	<=23	Pass
		Inner_1RB_Left	21.20	/	/	22.49	/	/	<=23	Pass
		Inner_1RB_Right	21.53	/	/	22.82	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	21.04	/	/	22.33	/	/	<=23	Pass
		Edge_1RB_Right	21.05	/	/	22.34	/	/	<=23	Pass
		Outer_Full	21.26	/	/	22.55	/	/	<=23	Pass
		Inner_Full	21.62	/	/	22.91	/	/	<=23	Pass
		Inner_1RB_Left	21.08	/	/	22.37	/	/	<=23	Pass
		Inner_1RB_Right	21.03	/	/	22.32	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3570	Edge_1RB_Left	21.23	/	/	22.52	/	/	<=23	Pass
		Edge_1RB_Right	21.01	/	/	22.30	/	/	<=23	Pass
		Outer_Full	20.85	/	/	22.14	/	/	<=23	Pass
		Inner_Full	21.02	/	/	22.31	/	/	<=23	Pass
		Inner_1RB_Left	21.22	/	/	22.51	/	/	<=23	Pass
		Inner_1RB_Right	20.91	/	/	22.20	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.41	/	/	22.70	/	/	<=23	Pass

		Edge_1RB_Right	21.46	/	/	22.75	/	/	<=23	Pass
		Outer_Full	20.88	/	/	22.17	/	/	<=23	Pass
		Inner_Full	21.32	/	/	22.61	/	/	<=23	Pass
		Inner_1RB_Left	20.87	/	/	22.16	/	/	<=23	Pass
		Inner_1RB_Right	21.47	/	/	22.76	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	21.19	/	/	22.48	/	/	<=23	Pass
		Edge_1RB_Right	21.07	/	/	22.36	/	/	<=23	Pass
		Outer_Full	21.13	/	/	22.42	/	/	<=23	Pass
		Inner_Full	21.23	/	/	22.52	/	/	<=23	Pass
		Inner_1RB_Left	21.33	/	/	22.62	/	/	<=23	Pass
		Inner_1RB_Right	20.93	/	/	22.22	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3570	Edge_1RB_Left	21.07	/	/	22.36	/	/	<=23	Pass
		Edge_1RB_Right	21.19	/	/	22.48	/	/	<=23	Pass
		Outer_Full	20.98	/	/	22.27	/	/	<=23	Pass
		Inner_Full	21.17	/	/	22.46	/	/	<=23	Pass
		Inner_1RB_Left	21.04	/	/	22.33	/	/	<=23	Pass
		Inner_1RB_Right	21.05	/	/	22.34	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.23	/	/	22.52	/	/	<=23	Pass
		Edge_1RB_Right	20.96	/	/	22.25	/	/	<=23	Pass
		Outer_Full	21.25	/	/	22.54	/	/	<=23	Pass
		Inner_Full	20.96	/	/	22.25	/	/	<=23	Pass
		Inner_1RB_Left	20.97	/	/	22.26	/	/	<=23	Pass
		Inner_1RB_Right	21.14	/	/	22.43	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	21.25	/	/	22.54	/	/	<=23	Pass
		Edge_1RB_Right	21.30	/	/	22.59	/	/	<=23	Pass
		Outer_Full	21.13	/	/	22.42	/	/	<=23	Pass
		Inner_Full	20.83	/	/	22.12	/	/	<=23	Pass
		Inner_1RB_Left	20.93	/	/	22.22	/	/	<=23	Pass
		Inner_1RB_Right	21.08	/	/	22.37	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3570	Edge_1RB_Left	19.96	/	/	21.25	/	/	<=23	Pass
		Edge_1RB_Right	20.01	/	/	21.30	/	/	<=23	Pass
		Outer_Full	19.82	/	/	21.11	/	/	<=23	Pass
		Inner_Full	20.07	/	/	21.36	/	/	<=23	Pass
		Inner_1RB_Left	19.99	/	/	21.28	/	/	<=23	Pass
		Inner_1RB_Right	19.97	/	/	21.26	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.18	/	/	21.47	/	/	<=23	Pass
		Edge_1RB_Right	20.24	/	/	21.53	/	/	<=23	Pass
		Outer_Full	19.79	/	/	21.08	/	/	<=23	Pass
		Inner_Full	20.10	/	/	21.39	/	/	<=23	Pass
		Inner_1RB_Left	20.31	/	/	21.60	/	/	<=23	Pass
		Inner_1RB_Right	19.98	/	/	21.27	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	19.68	/	/	20.97	/	/	<=23	Pass
		Edge_1RB_Right	19.77	/	/	21.06	/	/	<=23	Pass
		Outer_Full	19.90	/	/	21.19	/	/	<=23	Pass
		Inner_Full	20.15	/	/	21.44	/	/	<=23	Pass
		Inner_1RB_Left	20.00	/	/	21.29	/	/	<=23	Pass
		Inner_1RB_Right	19.65	/	/	20.94	/	/	<=23	Pass
CP-OFDM QPSK	3570	Edge_1RB_Left	20.99	/	/	22.28	/	/	<=23	Pass
		Edge_1RB_Right	21.60	/	/	22.89	/	/	<=23	Pass
		Outer_Full	20.97	/	/	22.26	/	/	<=23	Pass
		Inner_Full	21.64	/	/	22.93	/	/	<=23	Pass
		Inner_1RB_Left	21.24	/	/	22.53	/	/	<=23	Pass
		Inner_1RB_Right	21.39	/	/	22.68	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.10	/	/	22.39	/	/	<=23	Pass
		Edge_1RB_Right	21.37	/	/	22.66	/	/	<=23	Pass
		Outer_Full	21.36	/	/	22.65	/	/	<=23	Pass
		Inner_Full	20.95	/	/	22.24	/	/	<=23	Pass
		Inner_1RB_Left	21.28	/	/	22.57	/	/	<=23	Pass

		Inner_1RB_Right	21.21	/	/	22.50	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	21.32	/	/	22.61	/	/	<=23	Pass
		Edge_1RB_Right	21.16	/	/	22.45	/	/	<=23	Pass
		Outer_Full	21.13	/	/	22.42	/	/	<=23	Pass
		Inner_Full	21.46	/	/	22.75	/	/	<=23	Pass
		Inner_1RB_Left	21.12	/	/	22.41	/	/	<=23	Pass
		Inner_1RB_Right	21.11	/	/	22.40	/	/	<=23	Pass
CP-OFDM 16 QAM	3570	Edge_1RB_Left	21.08	/	/	22.37	/	/	<=23	Pass
		Edge_1RB_Right	21.11	/	/	22.40	/	/	<=23	Pass
		Outer_Full	21.28	/	/	22.57	/	/	<=23	Pass
		Inner_Full	21.54	/	/	22.83	/	/	<=23	Pass
		Inner_1RB_Left	21.36	/	/	22.65	/	/	<=23	Pass
		Inner_1RB_Right	20.86	/	/	22.15	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.51	/	/	22.80	/	/	<=23	Pass
		Edge_1RB_Right	21.36	/	/	22.65	/	/	<=23	Pass
		Outer_Full	21.46	/	/	22.75	/	/	<=23	Pass
		Inner_Full	20.89	/	/	22.18	/	/	<=23	Pass
		Inner_1RB_Left	21.24	/	/	22.53	/	/	<=23	Pass
		Inner_1RB_Right	21.03	/	/	22.32	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	21.23	/	/	22.52	/	/	<=23	Pass
		Edge_1RB_Right	21.19	/	/	22.48	/	/	<=23	Pass
		Outer_Full	21.42	/	/	22.71	/	/	<=23	Pass
		Inner_Full	21.53	/	/	22.82	/	/	<=23	Pass
		Inner_1RB_Left	21.15	/	/	22.44	/	/	<=23	Pass
		Inner_1RB_Right	21.25	/	/	22.54	/	/	<=23	Pass
CP-OFDM 64 QAM	3570	Edge_1RB_Left	20.61	/	/	21.90	/	/	<=23	Pass
		Edge_1RB_Right	20.82	/	/	22.11	/	/	<=23	Pass
		Outer_Full	21.16	/	/	22.45	/	/	<=23	Pass
		Inner_Full	20.90	/	/	22.19	/	/	<=23	Pass
		Inner_1RB_Left	20.50	/	/	21.79	/	/	<=23	Pass
		Inner_1RB_Right	20.95	/	/	22.24	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.86	/	/	22.15	/	/	<=23	Pass
		Edge_1RB_Right	21.05	/	/	22.34	/	/	<=23	Pass
		Outer_Full	21.03	/	/	22.32	/	/	<=23	Pass
		Inner_Full	21.14	/	/	22.43	/	/	<=23	Pass
		Inner_1RB_Left	21.13	/	/	22.42	/	/	<=23	Pass
		Inner_1RB_Right	20.66	/	/	21.95	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	20.57	/	/	21.86	/	/	<=23	Pass
		Edge_1RB_Right	21.17	/	/	22.46	/	/	<=23	Pass
		Outer_Full	20.96	/	/	22.25	/	/	<=23	Pass
		Inner_Full	20.52	/	/	21.81	/	/	<=23	Pass
		Inner_1RB_Left	20.63	/	/	21.92	/	/	<=23	Pass
		Inner_1RB_Right	20.82	/	/	22.11	/	/	<=23	Pass
CP-OFDM 256 QAM	3570	Edge_1RB_Left	18.12	/	/	19.41	/	/	<=23	Pass
		Edge_1RB_Right	18.11	/	/	19.40	/	/	<=23	Pass
		Outer_Full	18.29	/	/	19.58	/	/	<=23	Pass
		Inner_Full	18.10	/	/	19.39	/	/	<=23	Pass
		Inner_1RB_Left	17.92	/	/	19.21	/	/	<=23	Pass
		Inner_1RB_Right	18.30	/	/	19.59	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.42	/	/	19.71	/	/	<=23	Pass
		Edge_1RB_Right	18.31	/	/	19.60	/	/	<=23	Pass
		Outer_Full	18.23	/	/	19.52	/	/	<=23	Pass
		Inner_Full	18.34	/	/	19.63	/	/	<=23	Pass
		Inner_1RB_Left	18.30	/	/	19.59	/	/	<=23	Pass
		Inner_1RB_Right	18.22	/	/	19.51	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	17.72	/	/	19.01	/	/	<=23	Pass
		Edge_1RB_Right	17.97	/	/	19.26	/	/	<=23	Pass
		Outer_Full	18.10	/	/	19.39	/	/	<=23	Pass

		Inner_Full	17.87	/	/	19.16	/	/	<=23	Pass
		Inner_1RB_Left	18.23	/	/	19.52	/	/	<=23	Pass
		Inner_1RB_Right	17.99	/	/	19.28	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: 1.29dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2.4 30k_SISO_40MHz_NTNV_EIRP/10MHz

2.4.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz NTNV										
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	21.05	/	/	22.34	/	/	<=23	Pass
		Edge_1RB_Right	21.29	/	/	22.58	/	/	<=23	Pass
		Outer_Full	15.69	/	/	16.98	/	/	<=23	Pass
		Inner_Full	18.23	/	/	19.52	/	/	<=23	Pass
		Inner_1RB_Left	21.34	/	/	22.63	/	/	<=23	Pass
		Inner_1RB_Right	21.36	/	/	22.65	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.30	/	/	22.59	/	/	<=23	Pass
		Edge_1RB_Right	21.36	/	/	22.65	/	/	<=23	Pass
		Outer_Full	15.11	/	/	16.40	/	/	<=23	Pass
		Inner_Full	18.61	/	/	19.90	/	/	<=23	Pass
		Inner_1RB_Left	21.58	/	/	22.87	/	/	<=23	Pass
		Inner_1RB_Right	21.56	/	/	22.85	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	20.98	/	/	22.27	/	/	<=23	Pass
		Edge_1RB_Right	21.01	/	/	22.30	/	/	<=23	Pass
		Outer_Full	15.21	/	/	16.50	/	/	<=23	Pass
		Inner_Full	18.25	/	/	19.54	/	/	<=23	Pass
		Inner_1RB_Left	21.65	/	/	22.94	/	/	<=23	Pass
		Inner_1RB_Right	21.65	/	/	22.94	/	/	<=23	Pass
DFT-s-OFDM QPSK	3570	Edge_1RB_Left	21.21	/	/	22.50	/	/	<=23	Pass
		Edge_1RB_Right	20.97	/	/	22.26	/	/	<=23	Pass
		Outer_Full	14.96	/	/	16.25	/	/	<=23	Pass
		Inner_Full	18.32	/	/	19.61	/	/	<=23	Pass
		Inner_1RB_Left	21.15	/	/	22.44	/	/	<=23	Pass
		Inner_1RB_Right	20.91	/	/	22.20	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.08	/	/	22.37	/	/	<=23	Pass
		Edge_1RB_Right	21.24	/	/	22.53	/	/	<=23	Pass
		Outer_Full	15.08	/	/	16.37	/	/	<=23	Pass
		Inner_Full	18.00	/	/	19.29	/	/	<=23	Pass
		Inner_1RB_Left	21.51	/	/	22.80	/	/	<=23	Pass
		Inner_1RB_Right	21.49	/	/	22.78	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	21.32	/	/	22.61	/	/	<=23	Pass
		Edge_1RB_Right	21.38	/	/	22.67	/	/	<=23	Pass
		Outer_Full	15.30	/	/	16.59	/	/	<=23	Pass
		Inner_Full	17.82	/	/	19.11	/	/	<=23	Pass
		Inner_1RB_Left	21.46	/	/	22.75	/	/	<=23	Pass
		Inner_1RB_Right	21.47	/	/	22.76	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3570	Edge_1RB_Left	21.23	/	/	22.52	/	/	<=23	Pass
		Edge_1RB_Right	20.86	/	/	22.15	/	/	<=23	Pass
		Outer_Full	15.47	/	/	16.76	/	/	<=23	Pass
		Inner_Full	18.65	/	/	19.94	/	/	<=23	Pass
		Inner_1RB_Left	21.43	/	/	22.72	/	/	<=23	Pass
		Inner_1RB_Right	21.53	/	/	22.82	/	/	<=23	Pass

	3624.99	Edge_1RB_Left	21.13	/	/	22.42	/	/	<=23	Pass
		Edge_1RB_Right	21.00	/	/	22.29	/	/	<=23	Pass
		Outer_Full	15.04	/	/	16.33	/	/	<=23	Pass
		Inner_Full	18.11	/	/	19.40	/	/	<=23	Pass
		Inner_1RB_Left	21.40	/	/	22.69	/	/	<=23	Pass
		Inner_1RB_Right	21.09	/	/	22.38	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	21.21	/	/	22.50	/	/	<=23	Pass
		Edge_1RB_Right	21.06	/	/	22.35	/	/	<=23	Pass
		Outer_Full	15.34	/	/	16.63	/	/	<=23	Pass
		Inner_Full	18.63	/	/	19.92	/	/	<=23	Pass
		Inner_1RB_Left	21.28	/	/	22.57	/	/	<=23	Pass
		Inner_1RB_Right	21.06	/	/	22.35	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3570	Edge_1RB_Left	21.41	/	/	22.70	/	/	<=23	Pass
		Edge_1RB_Right	20.82	/	/	22.11	/	/	<=23	Pass
		Outer_Full	15.12	/	/	16.41	/	/	<=23	Pass
		Inner_Full	18.49	/	/	19.78	/	/	<=23	Pass
		Inner_1RB_Left	21.11	/	/	22.40	/	/	<=23	Pass
		Inner_1RB_Right	20.73	/	/	22.02	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.10	/	/	22.39	/	/	<=23	Pass
		Edge_1RB_Right	21.03	/	/	22.32	/	/	<=23	Pass
		Outer_Full	14.71	/	/	16.00	/	/	<=23	Pass
		Inner_Full	17.59	/	/	18.88	/	/	<=23	Pass
		Inner_1RB_Left	21.08	/	/	22.37	/	/	<=23	Pass
		Inner_1RB_Right	20.78	/	/	22.07	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	21.25	/	/	22.54	/	/	<=23	Pass
		Edge_1RB_Right	21.29	/	/	22.58	/	/	<=23	Pass
		Outer_Full	15.16	/	/	16.45	/	/	<=23	Pass
		Inner_Full	17.56	/	/	18.85	/	/	<=23	Pass
		Inner_1RB_Left	21.41	/	/	22.70	/	/	<=23	Pass
		Inner_1RB_Right	20.91	/	/	22.20	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3570	Edge_1RB_Left	20.30	/	/	21.59	/	/	<=23	Pass
		Edge_1RB_Right	19.74	/	/	21.03	/	/	<=23	Pass
		Outer_Full	13.84	/	/	15.13	/	/	<=23	Pass
		Inner_Full	17.00	/	/	18.29	/	/	<=23	Pass
		Inner_1RB_Left	20.31	/	/	21.60	/	/	<=23	Pass
		Inner_1RB_Right	20.24	/	/	21.53	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.03	/	/	21.32	/	/	<=23	Pass
		Edge_1RB_Right	20.19	/	/	21.48	/	/	<=23	Pass
		Outer_Full	14.14	/	/	15.43	/	/	<=23	Pass
		Inner_Full	17.14	/	/	18.43	/	/	<=23	Pass
		Inner_1RB_Left	19.64	/	/	20.93	/	/	<=23	Pass
		Inner_1RB_Right	19.66	/	/	20.95	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	20.26	/	/	21.55	/	/	<=23	Pass
		Edge_1RB_Right	19.98	/	/	21.27	/	/	<=23	Pass
		Outer_Full	14.34	/	/	15.63	/	/	<=23	Pass
		Inner_Full	16.83	/	/	18.12	/	/	<=23	Pass
		Inner_1RB_Left	20.19	/	/	21.48	/	/	<=23	Pass
		Inner_1RB_Right	19.65	/	/	20.94	/	/	<=23	Pass
CP-OFDM QPSK	3570	Edge_1RB_Left	21.00	/	/	22.29	/	/	<=23	Pass
		Edge_1RB_Right	20.93	/	/	22.22	/	/	<=23	Pass
		Outer_Full	15.22	/	/	16.51	/	/	<=23	Pass
		Inner_Full	18.45	/	/	19.74	/	/	<=23	Pass
		Inner_1RB_Left	21.55	/	/	22.84	/	/	<=23	Pass
		Inner_1RB_Right	21.51	/	/	22.80	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.39	/	/	22.68	/	/	<=23	Pass
		Edge_1RB_Right	21.27	/	/	22.56	/	/	<=23	Pass
		Outer_Full	15.09	/	/	16.38	/	/	<=23	Pass
		Inner_Full	18.37	/	/	19.66	/	/	<=23	Pass

		Inner_1RB_Left	21.51	/	/	22.80	/	/	<=23	Pass
		Inner_1RB_Right	20.91	/	/	22.20	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	21.24	/	/	22.53	/	/	<=23	Pass
		Edge_1RB_Right	21.07	/	/	22.36	/	/	<=23	Pass
		Outer_Full	15.52	/	/	16.81	/	/	<=23	Pass
		Inner_Full	18.25	/	/	19.54	/	/	<=23	Pass
		Inner_1RB_Left	20.91	/	/	22.20	/	/	<=23	Pass
		Inner_1RB_Right	20.96	/	/	22.25	/	/	<=23	Pass
CP-OFDM 16 QAM	3570	Edge_1RB_Left	21.24	/	/	22.53	/	/	<=23	Pass
		Edge_1RB_Right	20.86	/	/	22.15	/	/	<=23	Pass
		Outer_Full	14.91	/	/	16.20	/	/	<=23	Pass
		Inner_Full	18.50	/	/	19.79	/	/	<=23	Pass
		Inner_1RB_Left	21.24	/	/	22.53	/	/	<=23	Pass
		Inner_1RB_Right	21.11	/	/	22.40	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.19	/	/	22.48	/	/	<=23	Pass
		Edge_1RB_Right	21.02	/	/	22.31	/	/	<=23	Pass
		Outer_Full	14.95	/	/	16.24	/	/	<=23	Pass
		Inner_Full	17.55	/	/	18.84	/	/	<=23	Pass
		Inner_1RB_Left	21.05	/	/	22.34	/	/	<=23	Pass
		Inner_1RB_Right	21.02	/	/	22.31	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	21.39	/	/	22.68	/	/	<=23	Pass
		Edge_1RB_Right	20.84	/	/	22.13	/	/	<=23	Pass
		Outer_Full	15.02	/	/	16.31	/	/	<=23	Pass
		Inner_Full	18.24	/	/	19.53	/	/	<=23	Pass
		Inner_1RB_Left	21.39	/	/	22.68	/	/	<=23	Pass
		Inner_1RB_Right	21.30	/	/	22.59	/	/	<=23	Pass
CP-OFDM 64 QAM	3570	Edge_1RB_Left	20.74	/	/	22.03	/	/	<=23	Pass
		Edge_1RB_Right	21.21	/	/	22.50	/	/	<=23	Pass
		Outer_Full	14.61	/	/	15.90	/	/	<=23	Pass
		Inner_Full	17.81	/	/	19.10	/	/	<=23	Pass
		Inner_1RB_Left	20.52	/	/	21.81	/	/	<=23	Pass
		Inner_1RB_Right	20.79	/	/	22.08	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.80	/	/	22.09	/	/	<=23	Pass
		Edge_1RB_Right	21.24	/	/	22.53	/	/	<=23	Pass
		Outer_Full	15.14	/	/	16.43	/	/	<=23	Pass
		Inner_Full	17.68	/	/	18.97	/	/	<=23	Pass
		Inner_1RB_Left	20.80	/	/	22.09	/	/	<=23	Pass
		Inner_1RB_Right	20.94	/	/	22.23	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	20.95	/	/	22.24	/	/	<=23	Pass
		Edge_1RB_Right	20.69	/	/	21.98	/	/	<=23	Pass
		Outer_Full	14.92	/	/	16.21	/	/	<=23	Pass
		Inner_Full	17.96	/	/	19.25	/	/	<=23	Pass
		Inner_1RB_Left	20.97	/	/	22.26	/	/	<=23	Pass
		Inner_1RB_Right	20.67	/	/	21.96	/	/	<=23	Pass
CP-OFDM 256 QAM	3570	Edge_1RB_Left	17.83	/	/	19.12	/	/	<=23	Pass
		Edge_1RB_Right	18.32	/	/	19.61	/	/	<=23	Pass
		Outer_Full	12.00	/	/	13.29	/	/	<=23	Pass
		Inner_Full	14.95	/	/	16.24	/	/	<=23	Pass
		Inner_1RB_Left	17.78	/	/	19.07	/	/	<=23	Pass
		Inner_1RB_Right	18.19	/	/	19.48	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.16	/	/	19.45	/	/	<=23	Pass
		Edge_1RB_Right	18.27	/	/	19.56	/	/	<=23	Pass
		Outer_Full	12.10	/	/	13.39	/	/	<=23	Pass
		Inner_Full	14.87	/	/	16.16	/	/	<=23	Pass
		Inner_1RB_Left	17.97	/	/	19.26	/	/	<=23	Pass
		Inner_1RB_Right	17.78	/	/	19.07	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	18.15	/	/	19.44	/	/	<=23	Pass
		Edge_1RB_Right	18.12	/	/	19.41	/	/	<=23	Pass

		Outer_Full	11.73	/	/	13.02	/	/	<=23	Pass
		Inner_Full	15.22	/	/	16.51	/	/	<=23	Pass
		Inner_1RB_Left	17.90	/	/	19.19	/	/	<=23	Pass
		Inner_1RB_Right	17.98	/	/	19.27	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: 1.29dBi; Note2: EIRP=Conducted Power+Antenna Gain										

3. Frequency Stability

3.1 30k_SISO_20MHz

3.1.1 Test Result

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	7.60	0.0021	>=-2.5 & <=2.5	Pass
				HV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-5.00	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-12.60	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	14.50	0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-22.60	-0.0062	>=-2.5 & <=2.5	Pass
			20	NV	-8.00	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-12.60	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-8.30	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-10.30	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-29.90	-0.0082	>=-2.5 & <=2.5	Pass
			-30	NV	-26.10	-0.0072	>=-2.5 & <=2.5	Pass
			-20	NV	-18.90	-0.0052	>=-2.5 & <=2.5	Pass
			-10	NV	-11.50	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-24.80	-0.0068	>=-2.5 & <=2.5	Pass
			10	NV	-28.00	-0.0077	>=-2.5 & <=2.5	Pass
			20	NV	11.50	0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	17.60	0.0049	>=-2.5 & <=2.5	Pass
			50	NV	-13.30	-0.0037	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-20.90	-0.0058	>=-2.5 & <=2.5	Pass
				HV	-35.80	-0.0099	>=-2.5 & <=2.5	Pass
			-30	NV	-25.10	-0.0069	>=-2.5 & <=2.5	Pass
			-20	NV	-15.20	-0.0042	>=-2.5 & <=2.5	Pass
			-10	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-18.50	-0.0051	>=-2.5 & <=2.5	Pass
			10	NV	-13.10	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	7.40	0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-31.60	-0.0087	>=-2.5 & <=2.5	Pass
			40	NV	-21.90	-0.0060	>=-2.5 & <=2.5	Pass
			50	NV	6.70	0.0018	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-19.80	-0.0055	>=-2.5 & <=2.5	Pass
				HV	12.60	0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-8.40	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-15.80	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	44.50	0.0123	>=-2.5 & <=2.5	Pass
			0	NV	-22.30	-0.0062	>=-2.5 & <=2.5	Pass

			10	NV	-7.60	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-14.40	-0.0040	>=-2.5 & <=2.5	Pass
			30	NV	-25.90	-0.0071	>=-2.5 & <=2.5	Pass
			40	NV	10.00	0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-13.80	-0.0038	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	6.00	0.0017	>=-2.5 & <=2.5	Pass
				HV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-4.30	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-1.60	-0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	10.30	0.0028	>=-2.5 & <=2.5	Pass
			0	NV	-13.00	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-10.70	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-17.20	-0.0047	>=-2.5 & <=2.5	Pass
			30	NV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	5.50	0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-19.80	-0.0055	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-22.80	-0.0063	>=-2.5 & <=2.5	Pass
				HV	-49.30	-0.0136	>=-2.5 & <=2.5	Pass
			-30	NV	-21.10	-0.0058	>=-2.5 & <=2.5	Pass
			-20	NV	14.30	0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-26.40	-0.0073	>=-2.5 & <=2.5	Pass
			10	NV	4.60	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-10.00	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-10.00	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-15.00	-0.0041	>=-2.5 & <=2.5	Pass
			50	NV	-19.20	-0.0053	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-2.80	-0.0008	>=-2.5 & <=2.5	Pass
				HV	-25.00	-0.0069	>=-2.5 & <=2.5	Pass
			-30	NV	-31.90	-0.0088	>=-2.5 & <=2.5	Pass
			-20	NV	3.30	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-17.60	-0.0049	>=-2.5 & <=2.5	Pass
			10	NV	-7.90	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	18.70	0.0052	>=-2.5 & <=2.5	Pass
			30	NV	-12.40	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-32.70	-0.0090	>=-2.5 & <=2.5	Pass
			50	NV	-12.40	-0.0034	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-13.00	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-38.40	-0.0106	>=-2.5 & <=2.5	Pass
			-30	NV	-26.80	-0.0074	>=-2.5 & <=2.5	Pass
			-20	NV	-10.60	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-21.40	-0.0059	>=-2.5 & <=2.5	Pass
			0	NV	-24.60	-0.0068	>=-2.5 & <=2.5	Pass
			10	NV	-15.70	-0.0043	>=-2.5 & <=2.5	Pass
			20	NV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	6.10	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-22.40	-0.0062	>=-2.5 & <=2.5	Pass
			50	NV	17.10	0.0047	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-8.70	-0.0024	>=-2.5 & <=2.5	Pass
				HV	-12.80	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-36.00	-0.0099	>=-2.5 & <=2.5	Pass
			-20	NV	-13.80	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-3.10	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-9.80	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-1.90	-0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-15.50	-0.0043	>=-2.5 & <=2.5	Pass
			30	NV	-22.30	-0.0062	>=-2.5 & <=2.5	Pass

			40	NV	-17.90	-0.0049	>=-2.5 & <=2.5	Pass
			50	NV	-8.70	-0.0024	>=-2.5 & <=2.5	Pass

3.2 30k_SISO_40MHz

3.2.1 Test Result

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	-13.10	-0.0036	>=-2.5 & <=2.5	Pass
				HV	3.70	0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-21.30	-0.0059	>=-2.5 & <=2.5	Pass
			-20	NV	-21.50	-0.0059	>=-2.5 & <=2.5	Pass
			-10	NV	-13.10	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-14.20	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-22.20	-0.0061	>=-2.5 & <=2.5	Pass
			20	NV	-18.70	-0.0052	>=-2.5 & <=2.5	Pass
			30	NV	-11.80	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-29.40	-0.0081	>=-2.5 & <=2.5	Pass
			50	NV	-21.80	-0.0060	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-16.70	-0.0046	>=-2.5 & <=2.5	Pass
				HV	-17.30	-0.0048	>=-2.5 & <=2.5	Pass
			-30	NV	-25.20	-0.0070	>=-2.5 & <=2.5	Pass
			-20	NV	-13.30	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-14.80	-0.0041	>=-2.5 & <=2.5	Pass
			0	NV	-16.90	-0.0047	>=-2.5 & <=2.5	Pass
			10	NV	-769.70	-0.2123	>=-2.5 & <=2.5	Pass
			20	NV	-10.40	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-19.20	-0.0053	>=-2.5 & <=2.5	Pass
			40	NV	5.10	0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-20.10	-0.0055	>=-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	-17.10	-0.0047	>=-2.5 & <=2.5	Pass
			-30	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-13.70	-0.0038	>=-2.5 & <=2.5	Pass
			20	NV	-12.80	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-19.20	-0.0053	>=-2.5 & <=2.5	Pass
			40	NV	8.50	0.0023	>=-2.5 & <=2.5	Pass
			50	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-23.40	-0.0065	>=-2.5 & <=2.5	Pass
				HV	12.10	0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	1.90	0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	17.60	0.0049	>=-2.5 & <=2.5	Pass
			-10	NV	-21.50	-0.0059	>=-2.5 & <=2.5	Pass
			0	NV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-13.60	-0.0038	>=-2.5 & <=2.5	Pass
			20	NV	-10.80	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-12.90	-0.0036	>=-2.5 & <=2.5	Pass
			40	NV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-5.00	-0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-20.20	-0.0056	>=-2.5 & <=2.5	Pass

				HV	-21.40	-0.0059	>=-2.5 & <=2.5	Pass
			-30	NV	-9.80	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-23.90	-0.0066	>=-2.5 & <=2.5	Pass
			0	NV	3.20	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-10.90	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-12.80	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-18.90	-0.0052	>=-2.5 & <=2.5	Pass
			40	NV	-12.10	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-20.80	-0.0057	>=-2.5 & <=2.5	Pass
			-30	NV	-23.20	-0.0064	>=-2.5 & <=2.5	Pass
			-20	NV	-13.50	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-17.60	-0.0049	>=-2.5 & <=2.5	Pass
			0	NV	-14.10	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-26.10	-0.0072	>=-2.5 & <=2.5	Pass
			20	NV	-9.30	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-10.60	-0.0029	>=-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	11.60	0.0032	>=-2.5 & <=2.5	Pass
				HV	7.50	0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-12.00	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-1.80	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-15.60	-0.0043	>=-2.5 & <=2.5	Pass
			0	NV	-12.30	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			20	NV	3.20	0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-11.60	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-22.30	-0.0062	>=-2.5 & <=2.5	Pass
			50	NV	-22.20	-0.0061	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-19.40	-0.0054	>=-2.5 & <=2.5	Pass
			-30	NV	-9.10	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-7.20	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-14.30	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-18.20	-0.0050	>=-2.5 & <=2.5	Pass
			30	NV	-26.80	-0.0074	>=-2.5 & <=2.5	Pass
			40	NV	-11.20	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-16.50	-0.0046	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-17.10	-0.0047	>=-2.5 & <=2.5	Pass
				HV	-11.60	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-10.40	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-11.90	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-13.00	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-10.60	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-5.00	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-25.00	-0.0069	>=-2.5 & <=2.5	Pass
			40	NV	-16.50	-0.0046	>=-2.5 & <=2.5	Pass
			50	NV	2.00	0.0006	>=-2.5 & <=2.5	Pass

4. 99% & 26dB Bandwidth

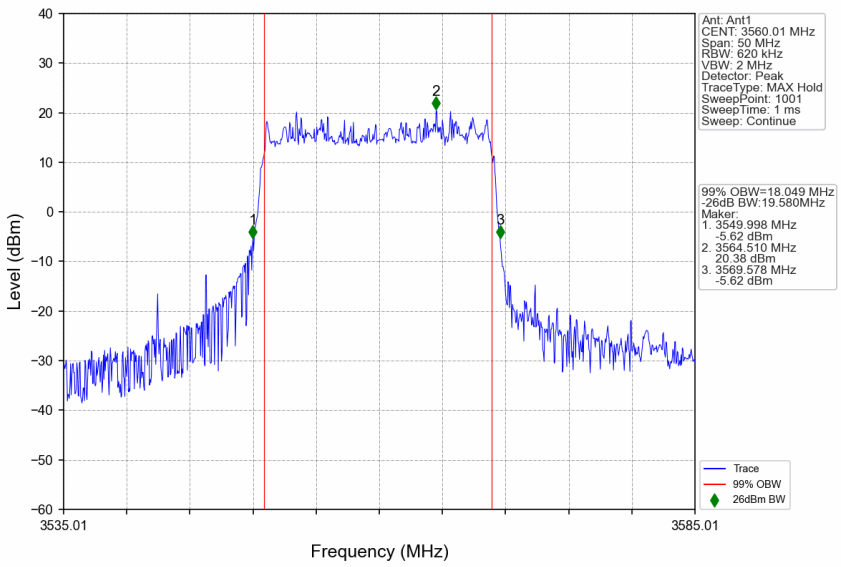
4.1 30k_SISO_20MHz_NTNV

4.1.1 Test Result

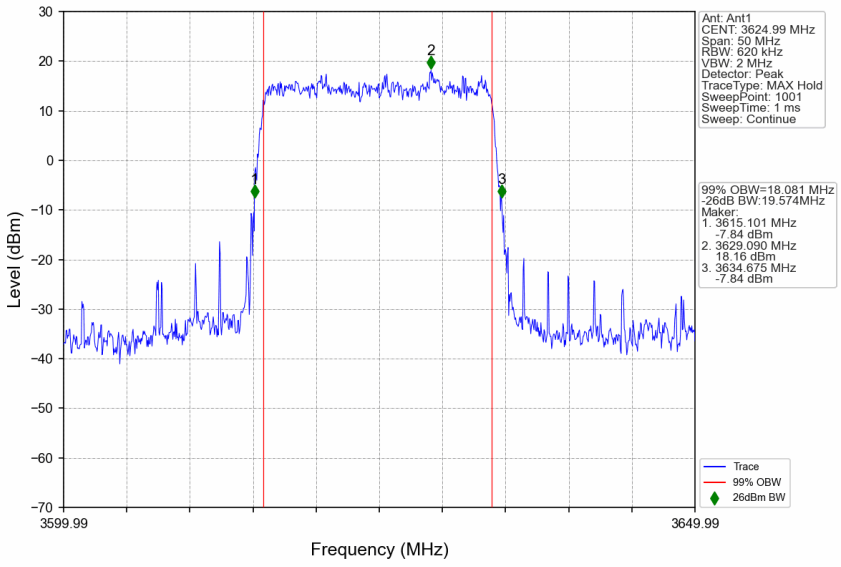
5G NR n48 SCS=30kHz SISO 20MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3560.01	Outer_Full	18.05	19.58	/	Pass
	3624.99	Outer_Full	18.08	19.57	/	Pass
	3690	Outer_Full	18.13	19.79	/	Pass
DFT-s-OFDM QPSK	3560.01	Outer_Full	18.12	19.88	/	Pass
	3624.99	Outer_Full	18.08	19.42	/	Pass
	3690	Outer_Full	18.11	19.45	/	Pass
DFT-s-OFDM 16 QAM	3560.01	Outer_Full	18.12	19.93	/	Pass
	3624.99	Outer_Full	18.12	19.67	/	Pass
	3690	Outer_Full	18.14	19.64	/	Pass
DFT-s-OFDM 64 QAM	3560.01	Outer_Full	18.06	19.65	/	Pass
	3624.99	Outer_Full	18.11	19.59	/	Pass
	3690	Outer_Full	18.10	19.43	/	Pass
DFT-s-OFDM 256 QAM	3560.01	Outer_Full	18.05	19.43	/	Pass
	3624.99	Outer_Full	18.15	19.60	/	Pass
	3690	Outer_Full	18.12	19.46	/	Pass
CP-OFDM QPSK	3560.01	Outer_Full	18.39	20.02	/	Pass
	3624.99	Outer_Full	18.31	19.94	/	Pass
	3690	Outer_Full	18.33	19.82	/	Pass
CP-OFDM 16 QAM	3560.01	Outer_Full	18.36	19.75	/	Pass
	3624.99	Outer_Full	18.46	19.93	/	Pass
	3690	Outer_Full	18.40	19.94	/	Pass
CP-OFDM 64 QAM	3560.01	Outer_Full	18.43	21.51	/	Pass
	3624.99	Outer_Full	18.34	20.43	/	Pass
	3690	Outer_Full	18.30	20.70	/	Pass
CP-OFDM 256 QAM	3560.01	Outer_Full	18.40	19.69	/	Pass
	3624.99	Outer_Full	18.35	19.95	/	Pass
	3690	Outer_Full	18.38	19.70	/	Pass

4.1.2 Test Graph

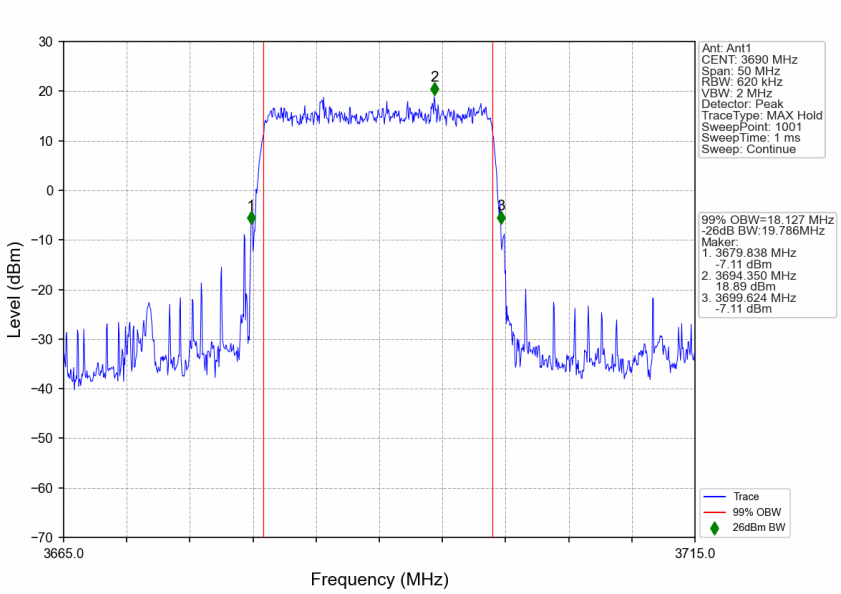
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3560.01MHz_Outer_Full



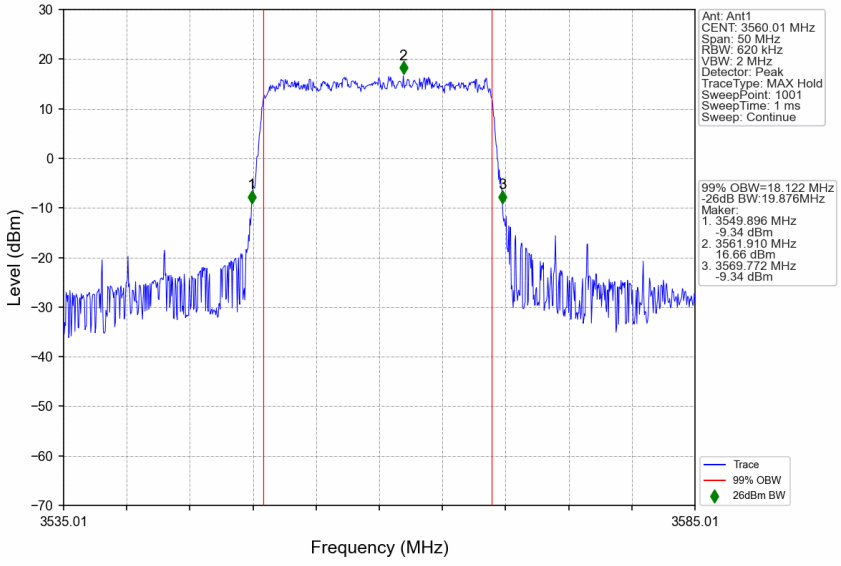
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full



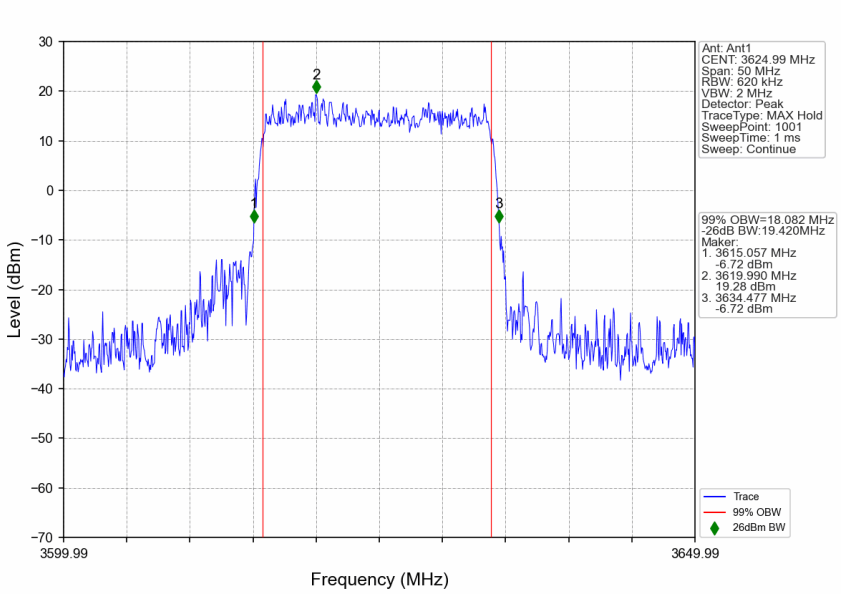
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3690MHz_Outer_Full



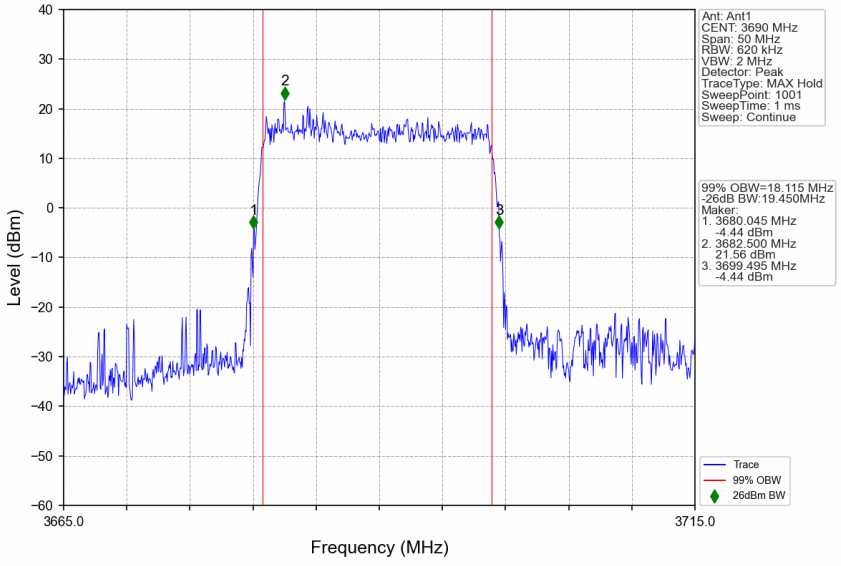
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3560.01MHz_Outer_Full



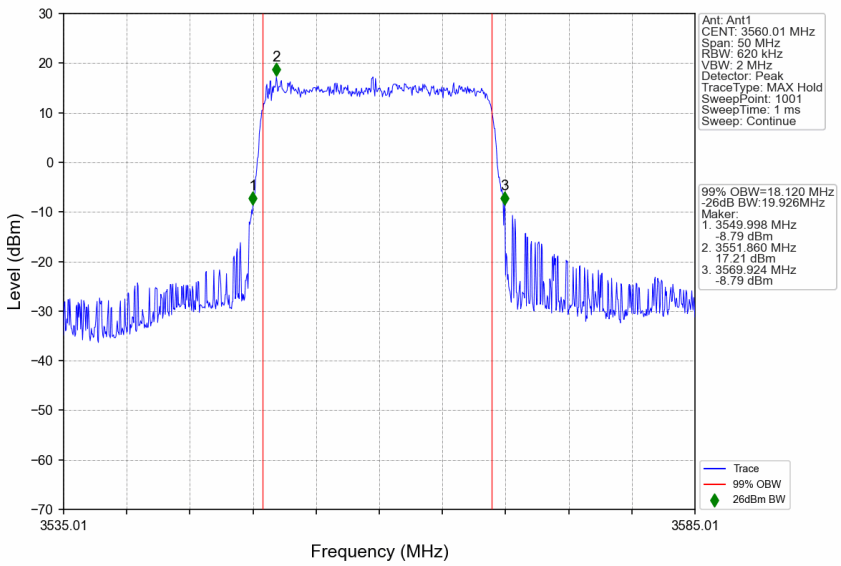
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full



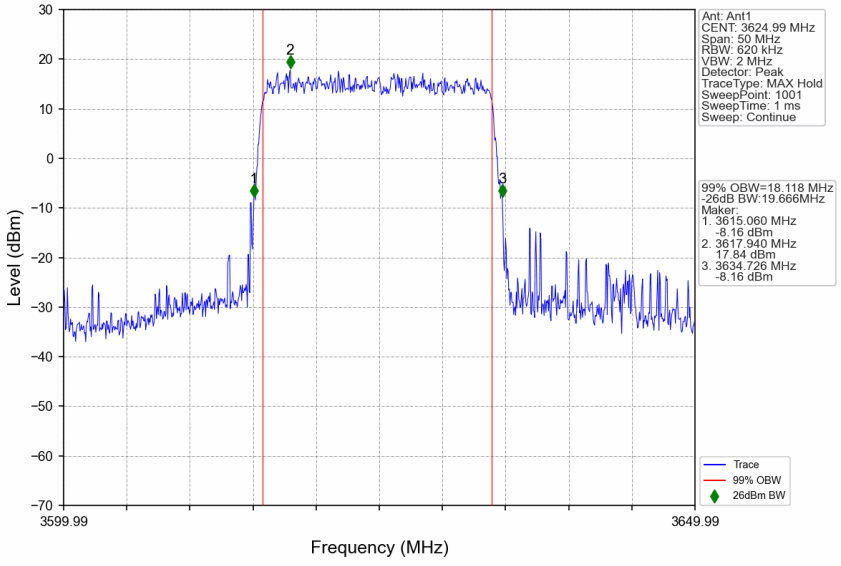
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Outer_Full



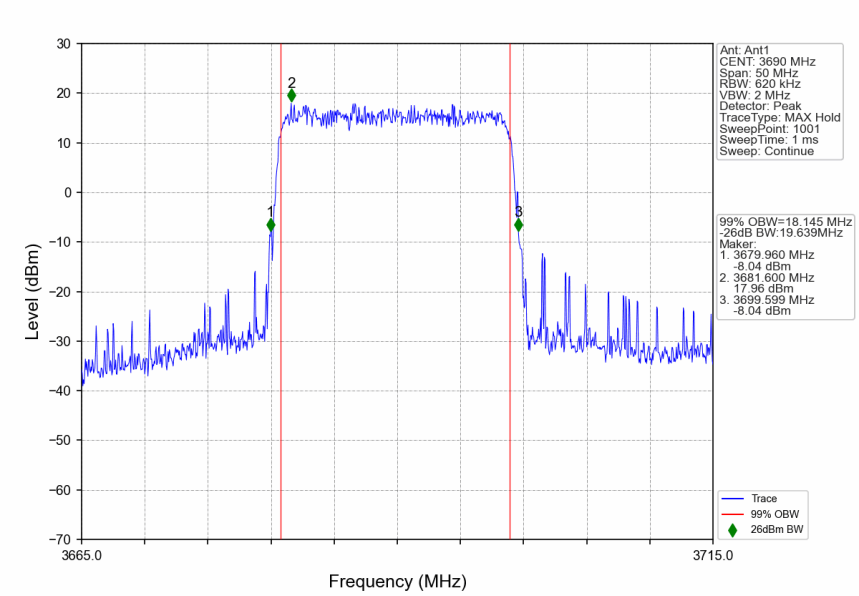
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3560.01MHz_Outer_Full



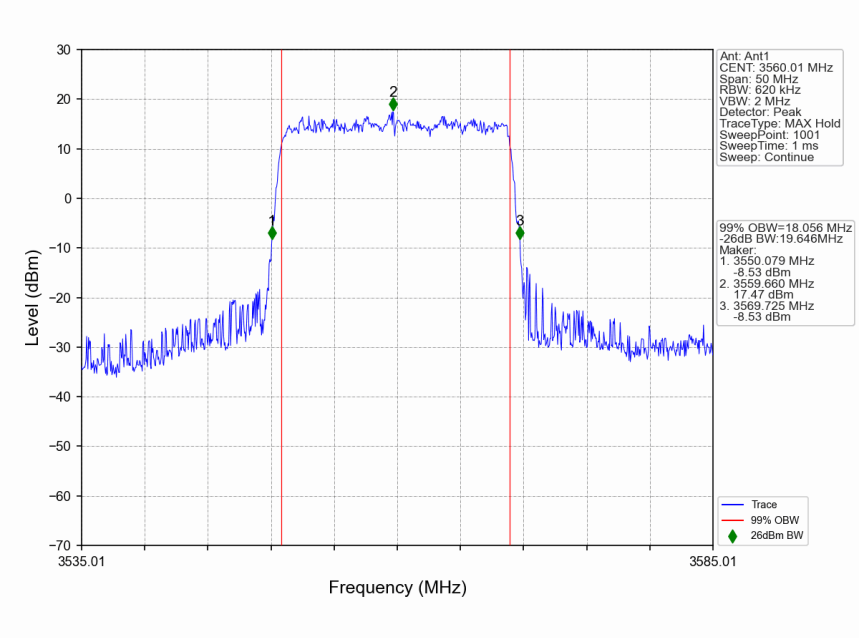
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full



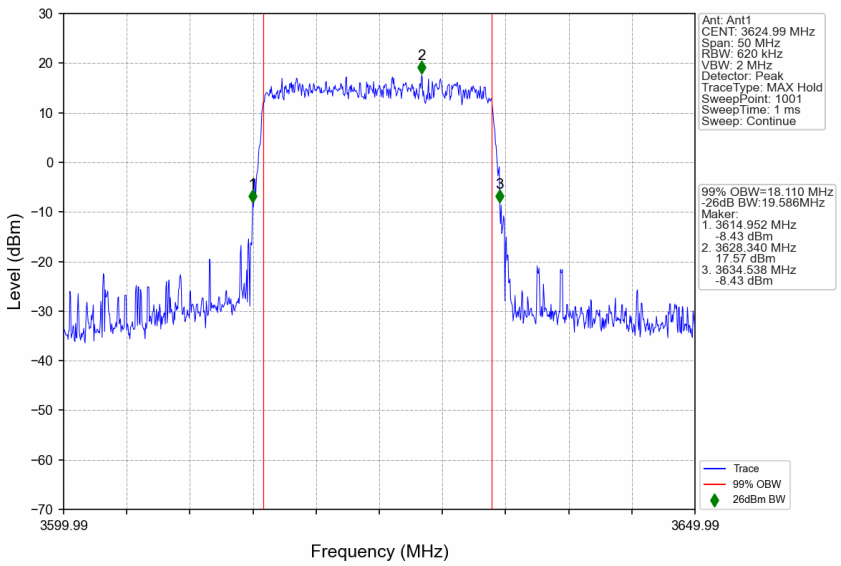
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3690MHz_Outer_Full



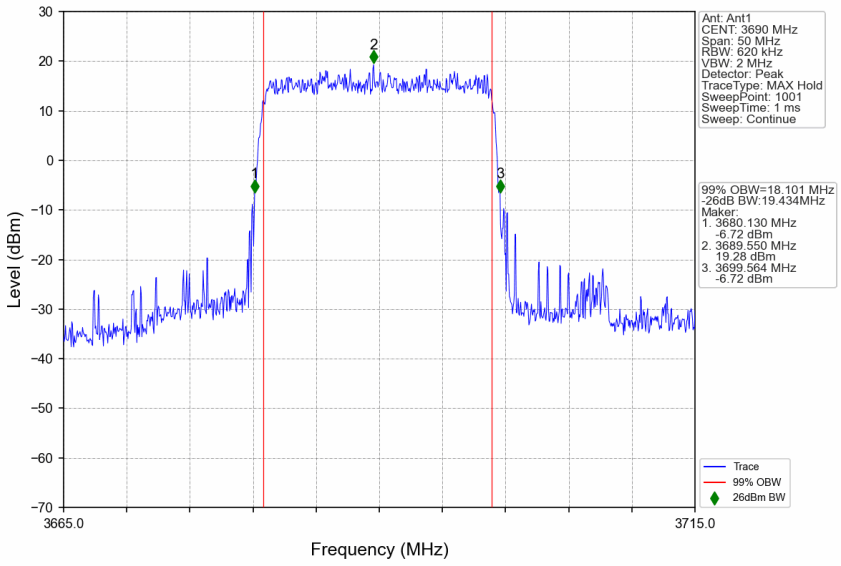
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3560.01MHz_Outer_Full



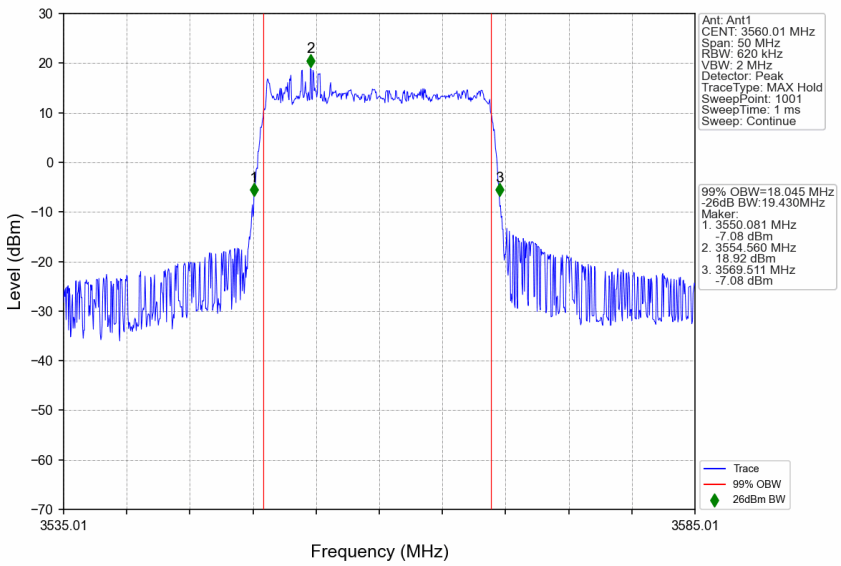
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full



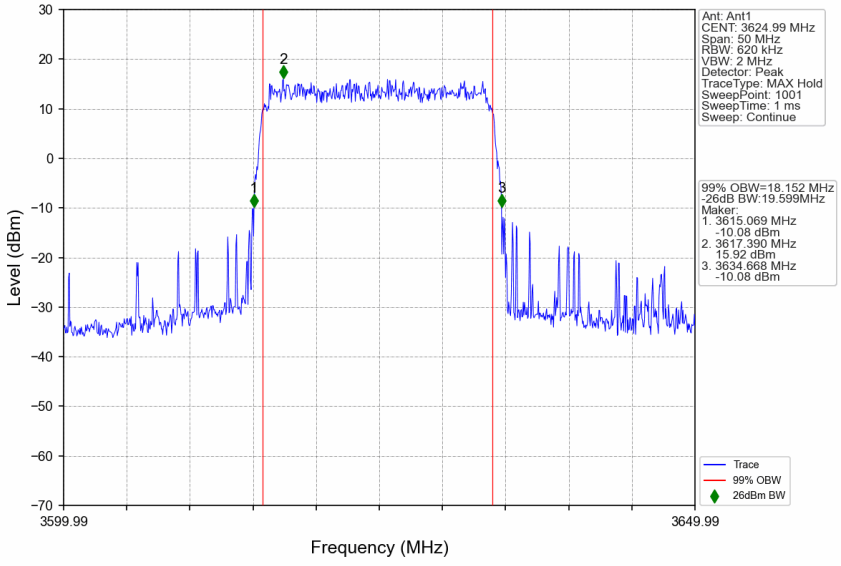
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3690MHz_Outer_Full



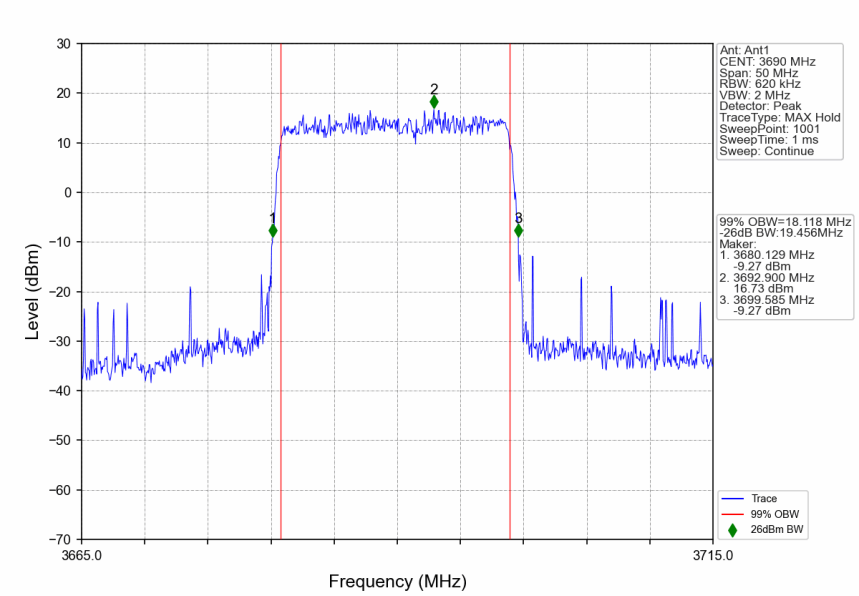
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3560.01MHz_Outer_Full



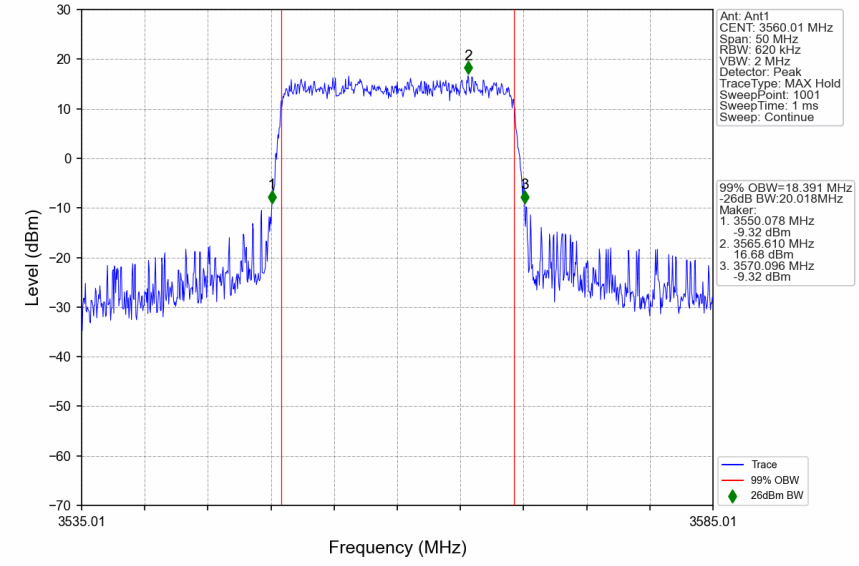
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full



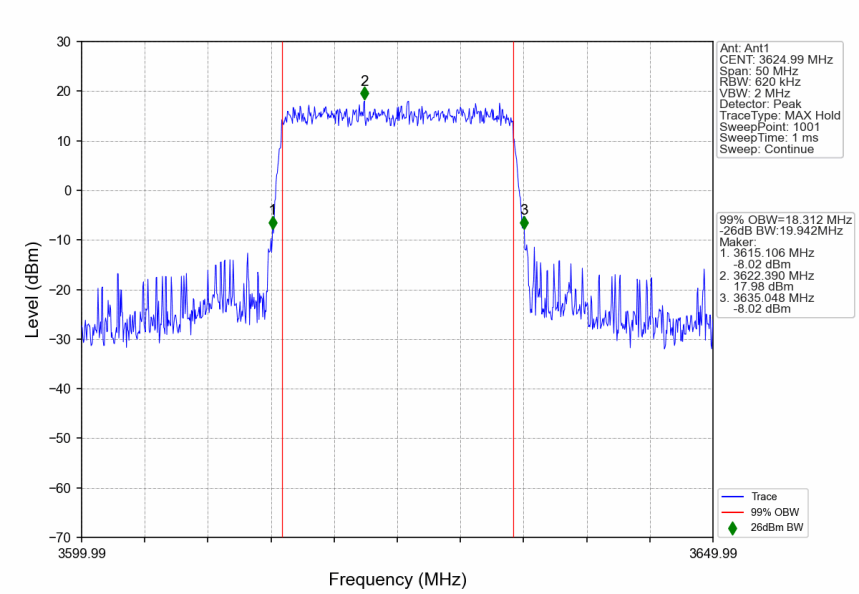
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3690MHz_Outer_Full



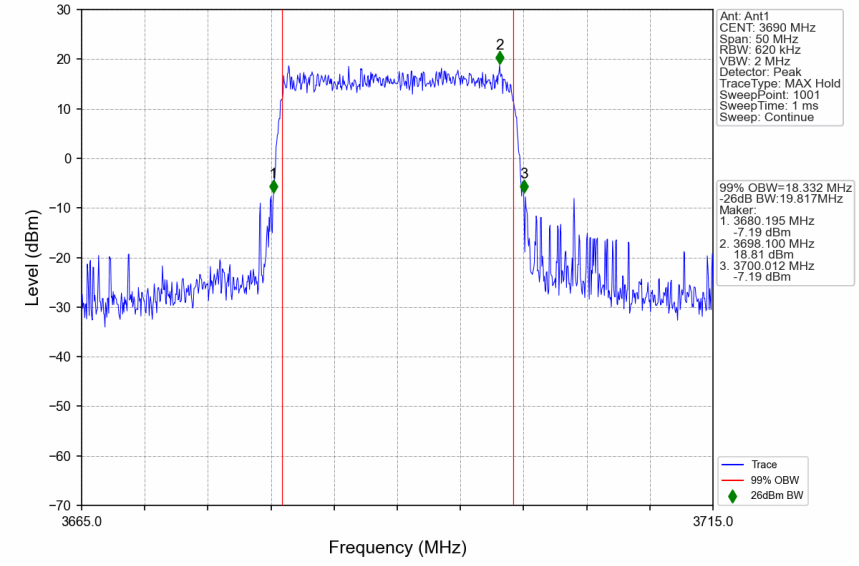
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3560.01MHz_Outer_Full



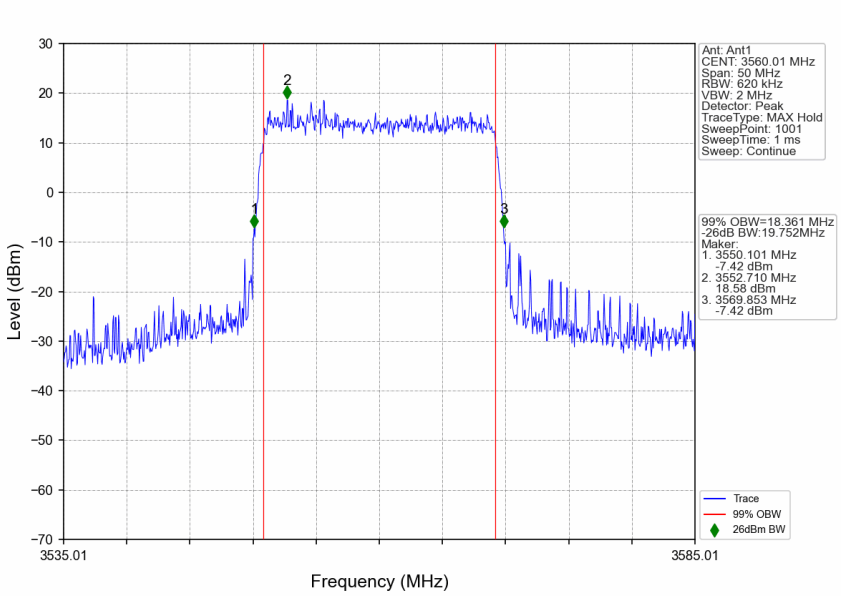
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full



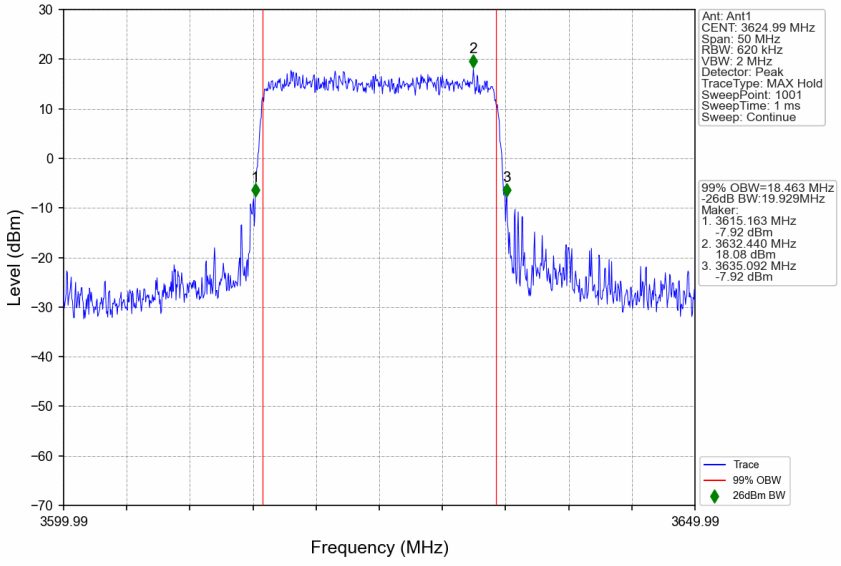
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3690MHz_Outer_Full



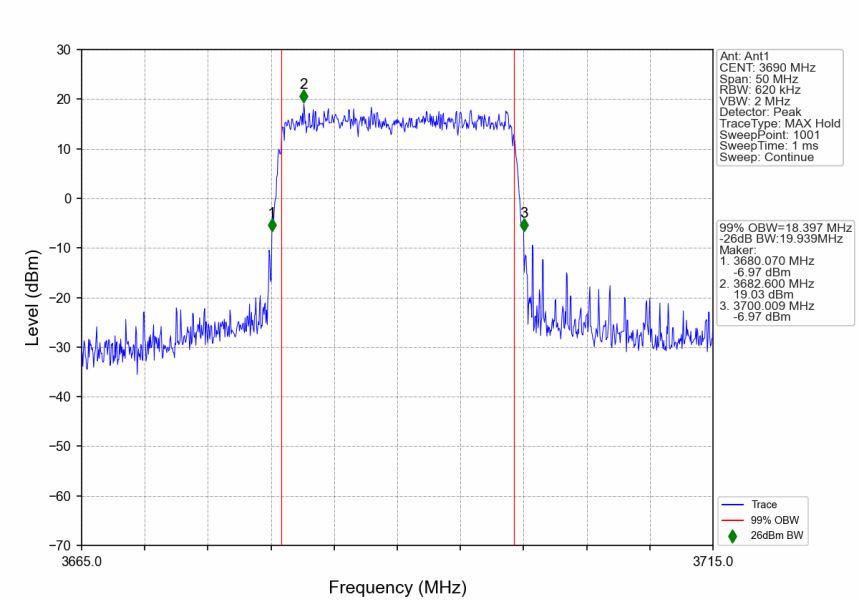
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3560.01MHz_Outer_Full



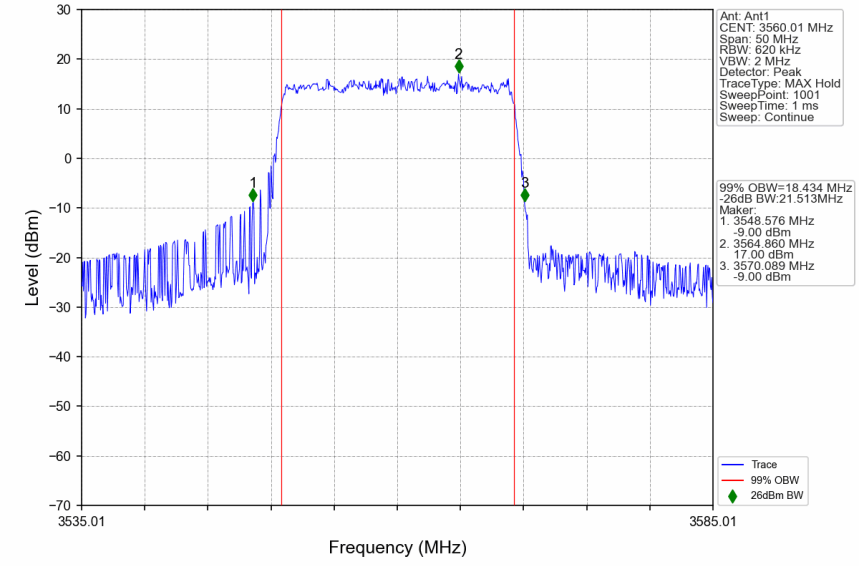
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full



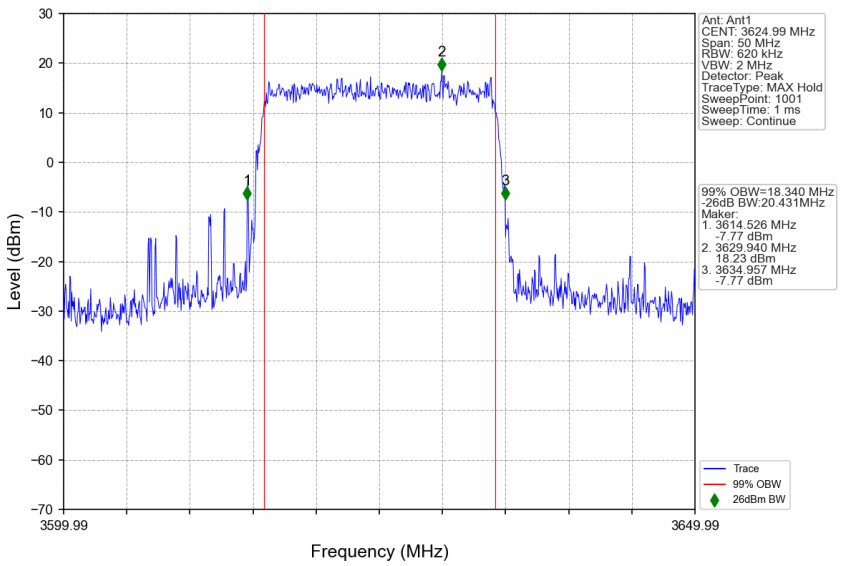
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3690MHz_Outer_Full



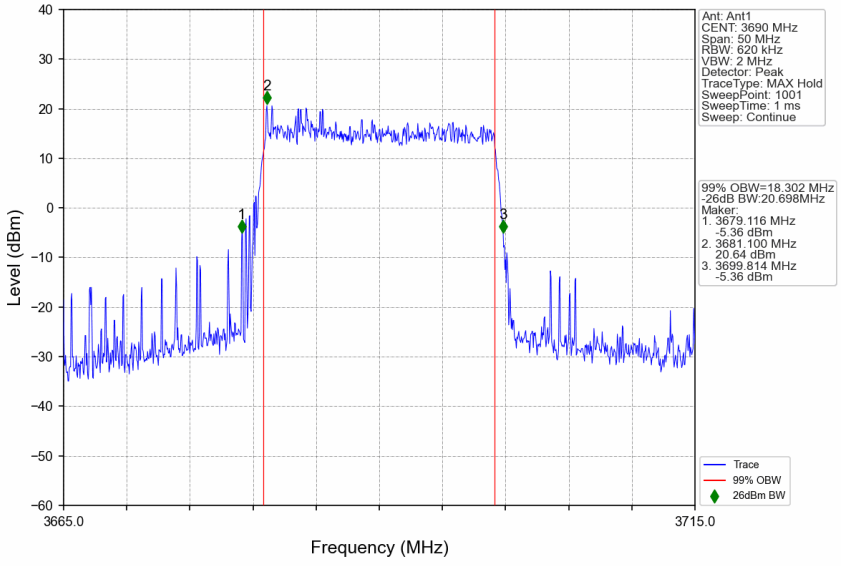
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3560.01MHz_Outer_Full



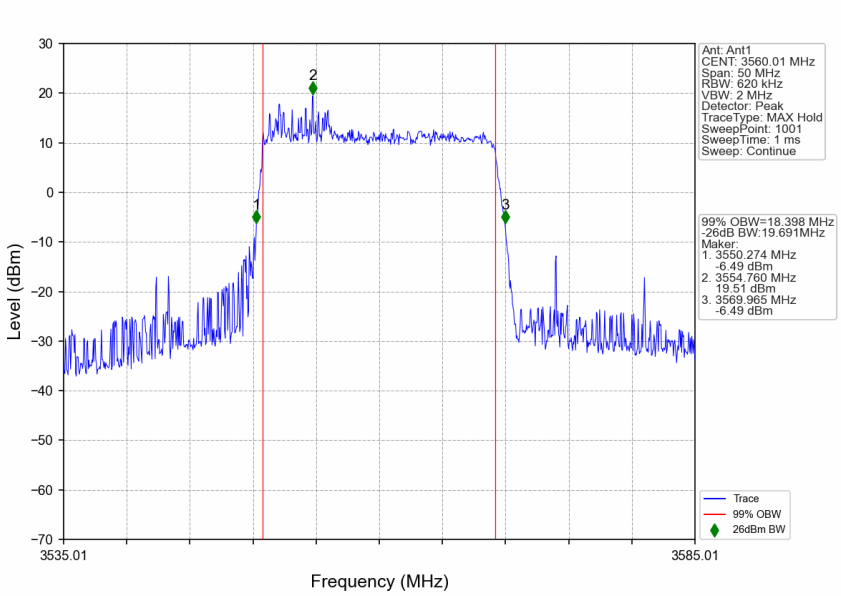
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3690MHz_Outer_Full



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