Appendix D

1. Effective (Isotropic) Radiated Power Output Data

1.1 30k_SISO_20MHz_NTNV_EIRP

1.1.1 Test Result

5G NR n78(3450-3550MHz) 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	3460.02	Edge_1RB_Left	23.05	/	/	24.11	/	/	<=30	Pass
		Edge_1RB_Right	23.16	/	/	24.22	/	/	<=30	Pass
		Outer_Full	23.56	/	/	24.62	/	/	<=30	Pass
		Inner_Full	23.47	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	24.70	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.17	/	/	24.23	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	24.11	/	/	<=30	Pass
		Outer_Full	23.53	/	/	24.59	/	/	<=30	Pass
		Inner_Full	23.54	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Left	23.63	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Right	23.58	/	/	24.64	/	/	<=30	Pass
	3540	Edge_1RB_Left	23.33	/	/	24.39	/	/	<=30	Pass
		Edge_1RB_Right	23.25	/	/	24.31	/	/	<=30	Pass
		Outer_Full	23.76	/	/	24.82	/	/	<=30	Pass
		Inner_Full	23.74	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	24.80	/	/	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Edge_1RB_Left	23.02	/	/	24.08	/	/	<=30	Pass
		Edge_1RB_Right	23.12	/	/	24.18	/	/	<=30	Pass
		Outer_Full	23.50	/	/	24.56	/	/	<=30	Pass
		Inner_Full	23.47	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	24.65	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.10	/	/	24.16	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	24.13	/	/	<=30	Pass
		Outer_Full	23.54	/	/	24.60	/	/	<=30	Pass
		Inner_Full	23.51	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	24.59	/	/	<=30	Pass
	3540	Edge_1RB_Left	23.30	/	/	24.36	/	/	<=30	Pass
		Edge_1RB_Right	23.25	/	/	24.31	/	/	<=30	Pass
		Outer_Full	23.80	/	/	24.86	/	/	<=30	Pass
		Inner_Full	23.73	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Left	23.75	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	24.82	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Edge_1RB_Left	23.14	/	/	24.20	/	/	<=30	Pass
		Edge_1RB_Right	23.23	/	/	24.29	/	/	<=30	Pass
		Outer_Full	23.55	/	/	24.61	/	/	<=30	Pass
		Inner_Full	23.60	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	23.69	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	24.79	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.27	/	/	24.33	/	/	<=30	Pass
		Edge_1RB_Right	23.16	/	/	24.22	/	/	<=30	Pass

		Outer_Full	23.60	/	/	24.66	/	/	<=30	Pass
		Inner_Full	23.60	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	23.80	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	24.70	/	/	<=30	Pass
	3540	Edge_1RB_Left	23.32	/	/	24.38	/	/	<=30	Pass
		Edge_1RB_Right	23.26	/	/	24.32	/	/	<=30	Pass
		Outer_Full	23.79	/	/	24.85	/	/	<=30	Pass
		Inner_Full	23.79	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Left	23.78	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Right	23.69	/	/	24.75	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Edge_1RB_Left	23.04	/	/	24.10	/	/	<=30	Pass
		Edge_1RB_Right	23.18	/	/	24.24	/	/	<=30	Pass
		Outer_Full	23.53	/	/	24.59	/	/	<=30	Pass
		Inner_Full	23.50	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	23.67	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	24.80	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.12	/	/	24.18	/	/	<=30	Pass
		Edge_1RB_Right	23.12	/	/	24.18	/	/	<=30	Pass
		Outer_Full	23.54	/	/	24.60	/	/	<=30	Pass
		Inner_Full	23.48	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	24.74	/	/	<=30	Pass
	3540	Edge_1RB_Left	23.25	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Right	23.22	/	/	24.28	/	/	<=30	Pass
		Outer_Full	23.82	/	/	24.88	/	/	<=30	Pass
		Inner_Full	23.75	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Left	23.90	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Right	23.79	/	/	24.85	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Edge_1RB_Left	21.94	/	/	23.00	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	23.18	/	/	<=30	Pass
		Outer_Full	22.00	/	/	23.06	/	/	<=30	Pass
		Inner_Full	21.95	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Left	21.96	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Right	22.09	/	/	23.15	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.08	/	/	23.14	/	/	<=30	Pass
		Edge_1RB_Right	22.06	/	/	23.12	/	/	<=30	Pass
		Outer_Full	22.11	/	/	23.17	/	/	<=30	Pass
		Inner_Full	21.98	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Left	22.09	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Right	22.00	/	/	23.06	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.23	/	/	23.29	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	23.25	/	/	<=30	Pass
		Outer_Full	22.34	/	/	23.40	/	/	<=30	Pass
		Inner_Full	22.26	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	22.28	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Right	22.21	/	/	23.27	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Edge_1RB_Left	23.06	/	/	24.12	/	/	<=30	Pass
		Edge_1RB_Right	23.20	/	/	24.26	/	/	<=30	Pass
		Outer_Full	23.52	/	/	24.58	/	/	<=30	Pass
		Inner_Full	23.46	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	24.76	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.16	/	/	24.22	/	/	<=30	Pass
		Edge_1RB_Right	23.18	/	/	24.24	/	/	<=30	Pass
		Outer_Full	23.55	/	/	24.61	/	/	<=30	Pass
		Inner_Full	23.55	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	24.79	/	/	<=30	Pass

	3540	Edge_1RB_Left	23.35	/	/	24.41	/	/	<=30	Pass
		Edge_1RB_Right	23.34	/	/	24.40	/	/	<=30	Pass
		Outer_Full	23.80	/	/	24.86	/	/	<=30	Pass
		Inner_Full	23.78	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	24.87	/	/	<=30	Pass
		Inner_1RB_Right	23.83	/	/	24.89	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.02	Edge_1RB_Left	23.13	/	/	24.19	/	/	<=30	Pass
		Edge_1RB_Right	23.28	/	/	24.34	/	/	<=30	Pass
		Outer_Full	23.55	/	/	24.61	/	/	<=30	Pass
		Inner_Full	23.62	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	24.81	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.22	/	/	24.28	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	24.10	/	/	<=30	Pass
		Outer_Full	23.57	/	/	24.63	/	/	<=30	Pass
		Inner_Full	23.57	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Left	23.65	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Right	23.56	/	/	24.62	/	/	<=30	Pass
	3540	Edge_1RB_Left	23.34	/	/	24.40	/	/	<=30	Pass
		Edge_1RB_Right	23.28	/	/	24.34	/	/	<=30	Pass
		Outer_Full	23.83	/	/	24.89	/	/	<=30	Pass
		Inner_Full	23.87	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	24.82	/	/	<=30	Pass
CP-OFDM 64 QAM	3460.02	Edge_1RB_Left	23.15	/	/	24.21	/	/	<=30	Pass
		Edge_1RB_Right	23.28	/	/	24.34	/	/	<=30	Pass
		Outer_Full	23.03	/	/	24.09	/	/	<=30	Pass
		Inner_Full	23.02	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Left	23.17	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Right	23.27	/	/	24.33	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.21	/	/	24.27	/	/	<=30	Pass
		Edge_1RB_Right	23.22	/	/	24.28	/	/	<=30	Pass
		Outer_Full	23.07	/	/	24.13	/	/	<=30	Pass
		Inner_Full	23.06	/	/	24.12	/	/	<=30	Pass
		Inner_1RB_Left	23.26	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	24.25	/	/	<=30	Pass
	3540	Edge_1RB_Left	23.35	/	/	24.41	/	/	<=30	Pass
		Edge_1RB_Right	23.37	/	/	24.43	/	/	<=30	Pass
		Outer_Full	23.24	/	/	24.30	/	/	<=30	Pass
		Inner_Full	23.28	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	24.38	/	/	<=30	Pass
CP-OFDM 256 QAM	3460.02	Edge_1RB_Left	20.02	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	20.29	/	/	21.35	/	/	<=30	Pass
		Outer_Full	19.99	/	/	21.05	/	/	<=30	Pass
		Inner_Full	20.00	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Left	19.95	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Right	20.07	/	/	21.13	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.21	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	20.13	/	/	21.19	/	/	<=30	Pass
		Outer_Full	20.03	/	/	21.09	/	/	<=30	Pass
		Inner_Full	20.06	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Left	20.05	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Right	20.02	/	/	21.08	/	/	<=30	Pass
	3540	Edge_1RB_Left	20.32	/	/	21.38	/	/	<=30	Pass
		Edge_1RB_Right	20.31	/	/	21.37	/	/	<=30	Pass
		Outer_Full	20.25	/	/	21.31	/	/	<=30	Pass
		Inner_Full	20.22	/	/	21.28	/	/	<=30	Pass

		Inner_1RB_Left	20.42	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Right	20.30	/	/	21.36	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.06dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.2 30k_SISO_30MHz_NTNV_EIRP

1.2.1 Test Result

5G NR n78(3450-3550MHz) SCS=30kHz SISO 30MHz 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	3465	Edge_1RB_Left	23.19	/	/	24.25	/	/	<=30	Pass
		Edge_1RB_Right	23.45	/	/	24.51	/	/	<=30	Pass
		Outer_Full	23.81	/	/	24.87	/	/	<=30	Pass
		Inner_Full	23.72	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Left	23.69	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Right	23.95	/	/	25.01	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.50	/	/	24.56	/	/	<=30	Pass
		Edge_1RB_Right	23.45	/	/	24.51	/	/	<=30	Pass
		Outer_Full	23.89	/	/	24.95	/	/	<=30	Pass
		Inner_Full	23.82	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Left	24.04	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	23.91	/	/	24.97	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	23.61	/	/	24.67	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	24.63	/	/	<=30	Pass
		Outer_Full	24.13	/	/	25.19	/	/	<=30	Pass
		Inner_Full	24.14	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Left	24.03	/	/	25.09	/	/	<=30	Pass
		Inner_1RB_Right	24.06	/	/	25.12	/	/	<=30	Pass
DFT-s-OFDM QPSK	3465	Edge_1RB_Left	23.17	/	/	24.23	/	/	<=30	Pass
		Edge_1RB_Right	23.42	/	/	24.48	/	/	<=30	Pass
		Outer_Full	23.77	/	/	24.83	/	/	<=30	Pass
		Inner_Full	23.77	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Right	23.96	/	/	25.02	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.45	/	/	24.51	/	/	<=30	Pass
		Edge_1RB_Right	23.44	/	/	24.50	/	/	<=30	Pass
		Outer_Full	23.92	/	/	24.98	/	/	<=30	Pass
		Inner_Full	23.88	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	25.00	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	25.00	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	23.61	/	/	24.67	/	/	<=30	Pass
		Edge_1RB_Right	23.50	/	/	24.56	/	/	<=30	Pass
		Outer_Full	24.12	/	/	25.18	/	/	<=30	Pass
		Inner_Full	24.09	/	/	25.15	/	/	<=30	Pass
		Inner_1RB_Left	24.05	/	/	25.11	/	/	<=30	Pass
		Inner_1RB_Right	24.07	/	/	25.13	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Edge_1RB_Left	23.31	/	/	24.37	/	/	<=30	Pass
		Edge_1RB_Right	23.50	/	/	24.56	/	/	<=30	Pass
		Outer_Full	23.76	/	/	24.82	/	/	<=30	Pass
		Inner_Full	23.74	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Right	23.90	/	/	24.96	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.62	/	/	24.68	/	/	<=30	Pass

		Edge_1RB_Right	23.45	/	/	24.51	/	/	<=30	Pass
		Outer_Full	23.88	/	/	24.94	/	/	<=30	Pass
		Inner_Full	23.85	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Left	24.14	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Right	23.96	/	/	25.02	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	23.70	/	/	24.76	/	/	<=30	Pass
		Edge_1RB_Right	23.66	/	/	24.72	/	/	<=30	Pass
		Outer_Full	24.15	/	/	25.21	/	/	<=30	Pass
		Inner_Full	24.11	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	24.19	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Right	24.15	/	/	25.21	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Edge_1RB_Left	23.31	/	/	24.37	/	/	<=30	Pass
		Edge_1RB_Right	23.58	/	/	24.64	/	/	<=30	Pass
		Outer_Full	23.77	/	/	24.83	/	/	<=30	Pass
		Inner_Full	23.74	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Left	23.80	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Right	24.00	/	/	25.06	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.59	/	/	24.65	/	/	<=30	Pass
		Edge_1RB_Right	23.51	/	/	24.57	/	/	<=30	Pass
		Outer_Full	23.94	/	/	25.00	/	/	<=30	Pass
		Inner_Full	23.88	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Left	24.14	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Right	24.09	/	/	25.15	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	23.63	/	/	24.69	/	/	<=30	Pass
		Edge_1RB_Right	23.68	/	/	24.74	/	/	<=30	Pass
		Outer_Full	24.09	/	/	25.15	/	/	<=30	Pass
		Inner_Full	24.15	/	/	25.21	/	/	<=30	Pass
		Inner_1RB_Left	24.20	/	/	25.26	/	/	<=30	Pass
		Inner_1RB_Right	24.21	/	/	25.27	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3465	Edge_1RB_Left	22.15	/	/	23.21	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	23.49	/	/	<=30	Pass
		Outer_Full	22.24	/	/	23.30	/	/	<=30	Pass
		Inner_Full	22.21	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Left	22.20	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Right	22.48	/	/	23.54	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.43	/	/	23.49	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	23.43	/	/	<=30	Pass
		Outer_Full	22.35	/	/	23.41	/	/	<=30	Pass
		Inner_Full	22.38	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Left	22.43	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Right	22.37	/	/	23.43	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.61	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	23.54	/	/	<=30	Pass
		Outer_Full	22.66	/	/	23.72	/	/	<=30	Pass
		Inner_Full	22.70	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	22.58	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Right	22.58	/	/	23.64	/	/	<=30	Pass
CP-OFDM QPSK	3465	Edge_1RB_Left	23.28	/	/	24.34	/	/	<=30	Pass
		Edge_1RB_Right	23.47	/	/	24.53	/	/	<=30	Pass
		Outer_Full	23.86	/	/	24.92	/	/	<=30	Pass
		Inner_Full	23.76	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Left	23.85	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Right	24.03	/	/	25.09	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.55	/	/	24.61	/	/	<=30	Pass
		Edge_1RB_Right	23.52	/	/	24.58	/	/	<=30	Pass
		Outer_Full	23.90	/	/	24.96	/	/	<=30	Pass
		Inner_Full	23.84	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Left	24.02	/	/	25.08	/	/	<=30	Pass

		Inner_1RB_Right	24.04	/	/	25.10	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	23.62	/	/	24.68	/	/	<=30	Pass
		Edge_1RB_Right	23.62	/	/	24.68	/	/	<=30	Pass
		Outer_Full	24.11	/	/	25.17	/	/	<=30	Pass
		Inner_Full	24.12	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Left	24.18	/	/	25.24	/	/	<=30	Pass
		Inner_1RB_Right	24.10	/	/	25.16	/	/	<=30	Pass
CP-OFDM 16 QAM	3465	Edge_1RB_Left	23.26	/	/	24.32	/	/	<=30	Pass
		Edge_1RB_Right	23.54	/	/	24.60	/	/	<=30	Pass
		Outer_Full	23.81	/	/	24.87	/	/	<=30	Pass
		Inner_Full	23.77	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Right	24.07	/	/	25.13	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.51	/	/	24.57	/	/	<=30	Pass
		Edge_1RB_Right	23.46	/	/	24.52	/	/	<=30	Pass
		Outer_Full	23.93	/	/	24.99	/	/	<=30	Pass
		Inner_Full	23.91	/	/	24.97	/	/	<=30	Pass
		Inner_1RB_Left	24.04	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	23.85	/	/	24.91	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	23.51	/	/	24.57	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	24.63	/	/	<=30	Pass
		Outer_Full	24.08	/	/	25.14	/	/	<=30	Pass
		Inner_Full	24.22	/	/	25.28	/	/	<=30	Pass
		Inner_1RB_Left	24.20	/	/	25.26	/	/	<=30	Pass
		Inner_1RB_Right	24.07	/	/	25.13	/	/	<=30	Pass
CP-OFDM 64 QAM	3465	Edge_1RB_Left	23.43	/	/	24.49	/	/	<=30	Pass
		Edge_1RB_Right	23.61	/	/	24.67	/	/	<=30	Pass
		Outer_Full	23.26	/	/	24.32	/	/	<=30	Pass
		Inner_Full	23.27	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Left	23.43	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	23.66	/	/	24.72	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.72	/	/	24.78	/	/	<=30	Pass
		Edge_1RB_Right	23.59	/	/	24.65	/	/	<=30	Pass
		Outer_Full	23.41	/	/	24.47	/	/	<=30	Pass
		Inner_Full	23.32	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	24.63	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	23.82	/	/	24.88	/	/	<=30	Pass
		Edge_1RB_Right	23.80	/	/	24.86	/	/	<=30	Pass
		Outer_Full	23.62	/	/	24.68	/	/	<=30	Pass
		Inner_Full	23.75	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Left	23.74	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Right	23.78	/	/	24.84	/	/	<=30	Pass
CP-OFDM 256 QAM	3465	Edge_1RB_Left	20.16	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	20.46	/	/	21.52	/	/	<=30	Pass
		Outer_Full	20.28	/	/	21.34	/	/	<=30	Pass
		Inner_Full	20.20	/	/	21.26	/	/	<=30	Pass
		Inner_1RB_Left	20.30	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Right	20.50	/	/	21.56	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.68	/	/	21.74	/	/	<=30	Pass
		Edge_1RB_Right	20.48	/	/	21.54	/	/	<=30	Pass
		Outer_Full	20.35	/	/	21.41	/	/	<=30	Pass
		Inner_Full	20.31	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	20.45	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Right	20.31	/	/	21.37	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	20.55	/	/	21.61	/	/	<=30	Pass
		Edge_1RB_Right	20.61	/	/	21.67	/	/	<=30	Pass
		Outer_Full	20.65	/	/	21.71	/	/	<=30	Pass

		Inner_Full	20.58	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Left	20.59	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Right	20.49	/	/	21.55	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.06dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.3 30k_SISO_40MHz_NTNV_EIRP

1.3.1 Test Result

5G NR n78(3450-3550MHz) 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	3470.01	Edge_1RB_Left	23.42	/	/	24.48	/	/	<=30	Pass
		Edge_1RB_Right	23.55	/	/	24.61	/	/	<=30	Pass
		Outer_Full	23.96	/	/	25.02	/	/	<=30	Pass
		Inner_Full	23.99	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Left	23.91	/	/	24.97	/	/	<=30	Pass
		Inner_1RB_Right	24.03	/	/	25.09	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.61	/	/	24.67	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	24.63	/	/	<=30	Pass
		Outer_Full	23.96	/	/	25.02	/	/	<=30	Pass
		Inner_Full	23.84	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Left	24.12	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Right	24.07	/	/	25.13	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	23.46	/	/	24.52	/	/	<=30	Pass
		Edge_1RB_Right	23.51	/	/	24.57	/	/	<=30	Pass
		Outer_Full	24.15	/	/	25.21	/	/	<=30	Pass
		Inner_Full	24.09	/	/	25.15	/	/	<=30	Pass
		Inner_1RB_Left	24.00	/	/	25.06	/	/	<=30	Pass
		Inner_1RB_Right	24.06	/	/	25.12	/	/	<=30	Pass
DFT-s-OFDM QPSK	3470.01	Edge_1RB_Left	23.33	/	/	24.39	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	24.55	/	/	<=30	Pass
		Outer_Full	23.94	/	/	25.00	/	/	<=30	Pass
		Inner_Full	23.93	/	/	24.99	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Right	24.09	/	/	25.15	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.66	/	/	24.72	/	/	<=30	Pass
		Edge_1RB_Right	23.53	/	/	24.59	/	/	<=30	Pass
		Outer_Full	24.00	/	/	25.06	/	/	<=30	Pass
		Inner_Full	23.94	/	/	25.00	/	/	<=30	Pass
		Inner_1RB_Left	24.11	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Right	23.97	/	/	25.03	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	23.44	/	/	24.50	/	/	<=30	Pass
		Edge_1RB_Right	23.55	/	/	24.61	/	/	<=30	Pass
		Outer_Full	24.15	/	/	25.21	/	/	<=30	Pass
		Inner_Full	24.13	/	/	25.19	/	/	<=30	Pass
		Inner_1RB_Left	24.00	/	/	25.06	/	/	<=30	Pass
		Inner_1RB_Right	24.01	/	/	25.07	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Edge_1RB_Left	23.42	/	/	24.48	/	/	<=30	Pass
		Edge_1RB_Right	23.52	/	/	24.58	/	/	<=30	Pass
		Outer_Full	23.93	/	/	24.99	/	/	<=30	Pass
		Inner_Full	23.92	/	/	24.98	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Right	24.06	/	/	25.12	/	/	<=30	Pass

	3500.01	Edge_1RB_Left	23.71	/	/	24.77	/	/	<=30	Pass
		Edge_1RB_Right	23.55	/	/	24.61	/	/	<=30	Pass
		Outer_Full	24.02	/	/	25.08	/	/	<=30	Pass
		Inner_Full	23.89	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Left	24.20	/	/	25.26	/	/	<=30	Pass
		Inner_1RB_Right	24.01	/	/	25.07	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	23.61	/	/	24.67	/	/	<=30	Pass
		Edge_1RB_Right	23.60	/	/	24.66	/	/	<=30	Pass
		Outer_Full	24.02	/	/	25.08	/	/	<=30	Pass
		Inner_Full	24.17	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Left	24.05	/	/	25.11	/	/	<=30	Pass
		Inner_1RB_Right	24.09	/	/	25.15	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Edge_1RB_Left	23.45	/	/	24.51	/	/	<=30	Pass
		Edge_1RB_Right	23.56	/	/	24.62	/	/	<=30	Pass
		Outer_Full	23.98	/	/	25.04	/	/	<=30	Pass
		Inner_Full	23.91	/	/	24.97	/	/	<=30	Pass
		Inner_1RB_Left	23.87	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Right	23.95	/	/	25.01	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.70	/	/	24.76	/	/	<=30	Pass
		Edge_1RB_Right	23.53	/	/	24.59	/	/	<=30	Pass
		Outer_Full	24.01	/	/	25.07	/	/	<=30	Pass
		Inner_Full	23.91	/	/	24.97	/	/	<=30	Pass
		Inner_1RB_Left	24.23	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Right	24.13	/	/	25.19	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	23.51	/	/	24.57	/	/	<=30	Pass
		Edge_1RB_Right	23.56	/	/	24.62	/	/	<=30	Pass
		Outer_Full	24.07	/	/	25.13	/	/	<=30	Pass
		Inner_Full	24.13	/	/	25.19	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Right	24.01	/	/	25.07	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Edge_1RB_Left	22.35	/	/	23.41	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	23.54	/	/	<=30	Pass
		Outer_Full	22.47	/	/	23.53	/	/	<=30	Pass
		Inner_Full	22.48	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Left	22.30	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Right	22.32	/	/	23.38	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.62	/	/	23.68	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	23.51	/	/	<=30	Pass
		Outer_Full	22.47	/	/	23.53	/	/	<=30	Pass
		Inner_Full	22.44	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Right	22.52	/	/	23.58	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.49	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	23.57	/	/	<=30	Pass
		Outer_Full	22.59	/	/	23.65	/	/	<=30	Pass
		Inner_Full	22.63	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Right	22.48	/	/	23.54	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Edge_1RB_Left	23.40	/	/	24.46	/	/	<=30	Pass
		Edge_1RB_Right	23.51	/	/	24.57	/	/	<=30	Pass
		Outer_Full	24.00	/	/	25.06	/	/	<=30	Pass
		Inner_Full	23.92	/	/	24.98	/	/	<=30	Pass
		Inner_1RB_Left	23.85	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Right	24.01	/	/	25.07	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.65	/	/	24.71	/	/	<=30	Pass
		Edge_1RB_Right	23.60	/	/	24.66	/	/	<=30	Pass
		Outer_Full	24.00	/	/	25.06	/	/	<=30	Pass
		Inner_Full	23.89	/	/	24.95	/	/	<=30	Pass

		Inner_1RB_Left	24.32	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Right	24.07	/	/	25.13	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	23.50	/	/	24.56	/	/	<=30	Pass
		Edge_1RB_Right	23.58	/	/	24.64	/	/	<=30	Pass
		Outer_Full	24.09	/	/	25.15	/	/	<=30	Pass
		Inner_Full	24.08	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Left	24.14	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Right	24.03	/	/	25.09	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Edge_1RB_Left	23.44	/	/	24.50	/	/	<=30	Pass
		Edge_1RB_Right	23.56	/	/	24.62	/	/	<=30	Pass
		Outer_Full	23.94	/	/	25.00	/	/	<=30	Pass
		Inner_Full	23.90	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	25.00	/	/	<=30	Pass
		Inner_1RB_Right	24.08	/	/	25.14	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.71	/	/	24.77	/	/	<=30	Pass
		Edge_1RB_Right	23.54	/	/	24.60	/	/	<=30	Pass
		Outer_Full	23.95	/	/	25.01	/	/	<=30	Pass
		Inner_Full	23.90	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Left	24.22	/	/	25.28	/	/	<=30	Pass
		Inner_1RB_Right	24.07	/	/	25.13	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	23.55	/	/	24.61	/	/	<=30	Pass
		Edge_1RB_Right	23.55	/	/	24.61	/	/	<=30	Pass
		Outer_Full	24.14	/	/	25.20	/	/	<=30	Pass
		Inner_Full	24.11	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	24.13	/	/	25.19	/	/	<=30	Pass
		Inner_1RB_Right	24.09	/	/	25.15	/	/	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge_1RB_Left	23.43	/	/	24.49	/	/	<=30	Pass
		Edge_1RB_Right	23.54	/	/	24.60	/	/	<=30	Pass
		Outer_Full	23.43	/	/	24.49	/	/	<=30	Pass
		Inner_Full	23.40	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	24.63	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.80	/	/	24.86	/	/	<=30	Pass
		Edge_1RB_Right	23.63	/	/	24.69	/	/	<=30	Pass
		Outer_Full	23.47	/	/	24.53	/	/	<=30	Pass
		Inner_Full	23.45	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Right	23.65	/	/	24.71	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	23.70	/	/	24.76	/	/	<=30	Pass
		Edge_1RB_Right	23.62	/	/	24.68	/	/	<=30	Pass
		Outer_Full	23.49	/	/	24.55	/	/	<=30	Pass
		Inner_Full	23.53	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Right	23.62	/	/	24.68	/	/	<=30	Pass
CP-OFDM 256 QAM	3470.01	Edge_1RB_Left	20.35	/	/	21.41	/	/	<=30	Pass
		Edge_1RB_Right	20.48	/	/	21.54	/	/	<=30	Pass
		Outer_Full	20.46	/	/	21.52	/	/	<=30	Pass
		Inner_Full	20.43	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Left	20.36	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Right	20.51	/	/	21.57	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.64	/	/	21.70	/	/	<=30	Pass
		Edge_1RB_Right	20.57	/	/	21.63	/	/	<=30	Pass
		Outer_Full	20.48	/	/	21.54	/	/	<=30	Pass
		Inner_Full	20.45	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Left	20.68	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Right	20.58	/	/	21.64	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	20.48	/	/	21.54	/	/	<=30	Pass
		Edge_1RB_Right	20.50	/	/	21.56	/	/	<=30	Pass

		Outer_Full	20.62	/	/	21.68	/	/	<=30	Pass
		Inner_Full	20.66	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Left	20.54	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Right	20.61	/	/	21.67	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.06dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.4 30k_SISO_50MHz_NTNV_EIRP

1.4.1 Test Result

5G NR n78(3450-3550MHz) SCS=30kHz SISO 50MHz 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	3475.02	Edge_1RB_Left	22.92	/	/	23.98	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	23.99	/	/	<=30	Pass
		Outer_Full	23.51	/	/	24.57	/	/	<=30	Pass
		Inner_Full	23.61	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	24.51	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.24	/	/	24.30	/	/	<=30	Pass
		Edge_1RB_Right	23.08	/	/	24.14	/	/	<=30	Pass
		Outer_Full	23.63	/	/	24.69	/	/	<=30	Pass
		Inner_Full	23.59	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	23.71	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	24.79	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.96	/	/	24.02	/	/	<=30	Pass
		Edge_1RB_Right	23.06	/	/	24.12	/	/	<=30	Pass
		Outer_Full	23.57	/	/	24.63	/	/	<=30	Pass
		Inner_Full	23.62	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	24.55	/	/	<=30	Pass
DFT-s-OFDM QPSK	3475.02	Edge_1RB_Left	22.98	/	/	24.04	/	/	<=30	Pass
		Edge_1RB_Right	23.00	/	/	24.06	/	/	<=30	Pass
		Outer_Full	23.55	/	/	24.61	/	/	<=30	Pass
		Inner_Full	23.57	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Right	23.40	/	/	24.46	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.23	/	/	24.29	/	/	<=30	Pass
		Edge_1RB_Right	23.06	/	/	24.12	/	/	<=30	Pass
		Outer_Full	23.61	/	/	24.67	/	/	<=30	Pass
		Inner_Full	23.56	/	/	24.62	/	/	<=30	Pass
		Inner_1RB_Left	23.73	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	24.61	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.93	/	/	23.99	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	24.04	/	/	<=30	Pass
		Outer_Full	23.54	/	/	24.60	/	/	<=30	Pass
		Inner_Full	23.59	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	23.43	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	23.50	/	/	24.56	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Edge_1RB_Left	22.90	/	/	23.96	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	23.94	/	/	<=30	Pass
		Outer_Full	23.55	/	/	24.61	/	/	<=30	Pass
		Inner_Full	23.58	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	24.52	/	/	<=30	Pass

		Inner_1RB_Right	23.46	/	/	24.52	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.34	/	/	24.40	/	/	<=30	Pass
		Edge_1RB_Right	23.23	/	/	24.29	/	/	<=30	Pass
		Outer_Full	23.59	/	/	24.65	/	/	<=30	Pass
		Inner_Full	23.57	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	24.78	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.90	/	/	23.96	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	24.03	/	/	<=30	Pass
		Outer_Full	23.51	/	/	24.57	/	/	<=30	Pass
		Inner_Full	23.48	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Left	23.49	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	24.60	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Edge_1RB_Left	22.83	/	/	23.89	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	23.85	/	/	<=30	Pass
		Outer_Full	23.50	/	/	24.56	/	/	<=30	Pass
		Inner_Full	23.60	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	24.58	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.08	/	/	24.14	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	23.98	/	/	<=30	Pass
		Outer_Full	23.61	/	/	24.67	/	/	<=30	Pass
		Inner_Full	23.59	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	24.69	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.83	/	/	23.89	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	23.88	/	/	<=30	Pass
		Outer_Full	23.49	/	/	24.55	/	/	<=30	Pass
		Inner_Full	23.57	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	23.61	/	/	24.67	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.02	Edge_1RB_Left	21.88	/	/	22.94	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	22.93	/	/	<=30	Pass
		Outer_Full	22.07	/	/	23.13	/	/	<=30	Pass
		Inner_Full	22.07	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Left	21.91	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Right	21.93	/	/	22.99	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.12	/	/	23.18	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	23.06	/	/	<=30	Pass
		Outer_Full	22.11	/	/	23.17	/	/	<=30	Pass
		Inner_Full	22.04	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Left	22.14	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	22.00	/	/	23.06	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.88	/	/	22.94	/	/	<=30	Pass
		Edge_1RB_Right	21.91	/	/	22.97	/	/	<=30	Pass
		Outer_Full	22.09	/	/	23.15	/	/	<=30	Pass
		Inner_Full	22.00	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Left	21.88	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Right	21.96	/	/	23.02	/	/	<=30	Pass
CP-OFDM QPSK	3475.02	Edge_1RB_Left	22.94	/	/	24.00	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	23.95	/	/	<=30	Pass
		Outer_Full	23.52	/	/	24.58	/	/	<=30	Pass
		Inner_Full	23.56	/	/	24.62	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	24.59	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.14	/	/	24.20	/	/	<=30	Pass
		Edge_1RB_Right	23.12	/	/	24.18	/	/	<=30	Pass
		Outer_Full	23.60	/	/	24.66	/	/	<=30	Pass

		Inner_Full	23.59	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Right	23.65	/	/	24.71	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.97	/	/	24.03	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	24.04	/	/	<=30	Pass
		Outer_Full	23.59	/	/	24.65	/	/	<=30	Pass
		Inner_Full	23.65	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	24.61	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.02	Edge_1RB_Left	22.84	/	/	23.90	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	23.93	/	/	<=30	Pass
		Outer_Full	23.55	/	/	24.61	/	/	<=30	Pass
		Inner_Full	23.60	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	24.54	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.27	/	/	24.33	/	/	<=30	Pass
		Edge_1RB_Right	23.21	/	/	24.27	/	/	<=30	Pass
		Outer_Full	23.63	/	/	24.69	/	/	<=30	Pass
		Inner_Full	23.59	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	24.74	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.89	/	/	23.95	/	/	<=30	Pass
		Edge_1RB_Right	23.08	/	/	24.14	/	/	<=30	Pass
		Outer_Full	23.58	/	/	24.64	/	/	<=30	Pass
		Inner_Full	23.58	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Left	23.48	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	24.49	/	/	<=30	Pass
CP-OFDM 64 QAM	3475.02	Edge_1RB_Left	22.92	/	/	23.98	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	24.03	/	/	<=30	Pass
		Outer_Full	23.11	/	/	24.17	/	/	<=30	Pass
		Inner_Full	23.11	/	/	24.17	/	/	<=30	Pass
		Inner_1RB_Left	22.98	/	/	24.04	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	24.02	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.17	/	/	24.23	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	24.10	/	/	<=30	Pass
		Outer_Full	23.16	/	/	24.22	/	/	<=30	Pass
		Inner_Full	23.08	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Right	23.04	/	/	24.10	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.83	/	/	23.89	/	/	<=30	Pass
		Edge_1RB_Right	23.00	/	/	24.06	/	/	<=30	Pass
		Outer_Full	22.96	/	/	24.02	/	/	<=30	Pass
		Inner_Full	23.12	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Left	22.92	/	/	23.98	/	/	<=30	Pass
		Inner_1RB_Right	22.99	/	/	24.05	/	/	<=30	Pass
CP-OFDM 256 QAM	3475.02	Edge_1RB_Left	19.96	/	/	21.02	/	/	<=30	Pass
		Edge_1RB_Right	19.96	/	/	21.02	/	/	<=30	Pass
		Outer_Full	20.00	/	/	21.06	/	/	<=30	Pass
		Inner_Full	20.09	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Left	20.00	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	19.93	/	/	20.99	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.23	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	20.13	/	/	21.19	/	/	<=30	Pass
		Outer_Full	20.12	/	/	21.18	/	/	<=30	Pass
		Inner_Full	20.05	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Left	20.32	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Right	20.12	/	/	21.18	/	/	<=30	Pass
	3525	Edge_1RB_Left	19.88	/	/	20.94	/	/	<=30	Pass

		Edge_1RB_Right	19.93	/	/	20.99	/	/	<=30	Pass
		Outer_Full	19.95	/	/	21.01	/	/	<=30	Pass
		Inner_Full	19.99	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Left	19.89	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	20.01	/	/	21.07	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.06dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.5 30k_SISO_60MHz_NTNV_EIRP

1.5.1 Test Result

5G NR n78(3450-3550MHz) SCS=30kHz SISO 60MHz 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	3480	Edge_1RB_Left	22.68	/	/	23.74	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	23.72	/	/	<=30	Pass
		Outer_Full	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_Full	23.31	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	24.24	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	24.20	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.83	/	/	23.89	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	23.93	/	/	<=30	Pass
		Outer_Full	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_Full	23.20	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Right	23.34	/	/	24.40	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.79	/	/	23.85	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	23.84	/	/	<=30	Pass
		Outer_Full	23.29	/	/	24.35	/	/	<=30	Pass
		Inner_Full	23.34	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Right	23.16	/	/	24.22	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Edge_1RB_Left	22.66	/	/	23.72	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	23.62	/	/	<=30	Pass
		Outer_Full	23.27	/	/	24.33	/	/	<=30	Pass
		Inner_Full	23.34	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Right	23.07	/	/	24.13	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.77	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	23.94	/	/	<=30	Pass
		Outer_Full	23.33	/	/	24.39	/	/	<=30	Pass
		Inner_Full	23.21	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	24.36	/	/	<=30	Pass
		Inner_1RB_Right	23.34	/	/	24.40	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.76	/	/	23.82	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	23.86	/	/	<=30	Pass
		Outer_Full	23.30	/	/	24.36	/	/	<=30	Pass
		Inner_Full	23.31	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Left	23.26	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	24.36	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Edge_1RB_Left	22.75	/	/	23.81	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	23.80	/	/	<=30	Pass
		Outer_Full	23.20	/	/	24.26	/	/	<=30	Pass
		Inner_Full	23.30	/	/	24.36	/	/	<=30	Pass

		Inner_1RB_Left	23.24	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	24.31	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.96	/	/	24.02	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	23.96	/	/	<=30	Pass
		Outer_Full	23.28	/	/	24.34	/	/	<=30	Pass
		Inner_Full	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	24.57	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.84	/	/	23.90	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	23.79	/	/	<=30	Pass
		Outer_Full	23.32	/	/	24.38	/	/	<=30	Pass
		Inner_Full	23.26	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Left	23.34	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	24.34	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Edge_1RB_Left	22.80	/	/	23.86	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	23.80	/	/	<=30	Pass
		Outer_Full	23.28	/	/	24.34	/	/	<=30	Pass
		Inner_Full	23.31	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	24.25	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.94	/	/	24.00	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	24.07	/	/	<=30	Pass
		Outer_Full	23.29	/	/	24.35	/	/	<=30	Pass
		Inner_Full	23.24	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Left	23.34	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	24.50	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.77	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	23.79	/	/	<=30	Pass
		Outer_Full	23.29	/	/	24.35	/	/	<=30	Pass
		Inner_Full	23.36	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	24.36	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	24.26	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Edge_1RB_Left	21.63	/	/	22.69	/	/	<=30	Pass
		Edge_1RB_Right	21.63	/	/	22.69	/	/	<=30	Pass
		Outer_Full	21.74	/	/	22.80	/	/	<=30	Pass
		Inner_Full	21.87	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Right	21.62	/	/	22.68	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.77	/	/	22.83	/	/	<=30	Pass
		Edge_1RB_Right	21.83	/	/	22.89	/	/	<=30	Pass
		Outer_Full	21.79	/	/	22.85	/	/	<=30	Pass
		Inner_Full	21.73	/	/	22.79	/	/	<=30	Pass
		Inner_1RB_Left	21.76	/	/	22.82	/	/	<=30	Pass
		Inner_1RB_Right	21.82	/	/	22.88	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.76	/	/	22.82	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	22.76	/	/	<=30	Pass
		Outer_Full	21.74	/	/	22.80	/	/	<=30	Pass
		Inner_Full	21.81	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Left	21.72	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Right	21.55	/	/	22.61	/	/	<=30	Pass
CP-OFDM QPSK	3480	Edge_1RB_Left	22.74	/	/	23.80	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	23.70	/	/	<=30	Pass
		Outer_Full	23.30	/	/	24.36	/	/	<=30	Pass
		Inner_Full	23.29	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Left	23.28	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Right	23.21	/	/	24.27	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.83	/	/	23.89	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	24.04	/	/	<=30	Pass

		Outer_Full	23.36	/	/	24.42	/	/	<=30	Pass
		Inner_Full	23.24	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Left	23.37	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	24.42	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.80	/	/	23.86	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	23.88	/	/	<=30	Pass
		Outer_Full	23.34	/	/	24.40	/	/	<=30	Pass
		Inner_Full	23.28	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Left	23.40	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	24.32	/	/	<=30	Pass
CP-OFDM 16 QAM	3480	Edge_1RB_Left	22.69	/	/	23.75	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	23.73	/	/	<=30	Pass
		Outer_Full	23.22	/	/	24.28	/	/	<=30	Pass
		Inner_Full	23.36	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Right	23.23	/	/	24.29	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.85	/	/	23.91	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	23.92	/	/	<=30	Pass
		Outer_Full	23.26	/	/	24.32	/	/	<=30	Pass
		Inner_Full	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Right	23.40	/	/	24.46	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.77	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	23.77	/	/	<=30	Pass
		Outer_Full	23.27	/	/	24.33	/	/	<=30	Pass
		Inner_Full	23.31	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Left	23.35	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	24.30	/	/	<=30	Pass
CP-OFDM 64 QAM	3480	Edge_1RB_Left	22.85	/	/	23.91	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	23.96	/	/	<=30	Pass
		Outer_Full	22.79	/	/	23.85	/	/	<=30	Pass
		Inner_Full	22.85	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Left	22.90	/	/	23.96	/	/	<=30	Pass
		Inner_1RB_Right	22.81	/	/	23.87	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.03	/	/	24.09	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	24.05	/	/	<=30	Pass
		Outer_Full	22.89	/	/	23.95	/	/	<=30	Pass
		Inner_Full	22.77	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Left	23.04	/	/	24.10	/	/	<=30	Pass
		Inner_1RB_Right	22.99	/	/	24.05	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	23.01	/	/	24.07	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	24.00	/	/	<=30	Pass
		Outer_Full	22.82	/	/	23.88	/	/	<=30	Pass
		Inner_Full	22.82	/	/	23.88	/	/	<=30	Pass
		Inner_1RB_Left	22.95	/	/	24.01	/	/	<=30	Pass
		Inner_1RB_Right	22.86	/	/	23.92	/	/	<=30	Pass
CP-OFDM 256 QAM	3480	Edge_1RB_Left	19.66	/	/	20.72	/	/	<=30	Pass
		Edge_1RB_Right	19.65	/	/	20.71	/	/	<=30	Pass
		Outer_Full	19.83	/	/	20.89	/	/	<=30	Pass
		Inner_Full	19.82	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Left	19.70	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Right	19.60	/	/	20.66	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.92	/	/	20.98	/	/	<=30	Pass
		Edge_1RB_Right	19.97	/	/	21.03	/	/	<=30	Pass
		Outer_Full	19.76	/	/	20.82	/	/	<=30	Pass
		Inner_Full	19.77	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Left	19.94	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Right	19.91	/	/	20.97	/	/	<=30	Pass

	3519.99	Edge_1RB_Left	19.84	/	/	20.90	/	/	<=30	Pass
		Edge_1RB_Right	19.77	/	/	20.83	/	/	<=30	Pass
		Outer_Full	19.79	/	/	20.85	/	/	<=30	Pass
		Inner_Full	19.82	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Left	19.73	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Right	19.66	/	/	20.72	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.06dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.6 30k_SISO_70MHz_NTNV_EIRP

1.6.1 Test Result

5G NR n78(3450-3550MHz) SCS=30kHz SISO 70MHz 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	3485.01	Edge_1RB_Left	22.53	/	/	23.59	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	23.84	/	/	<=30	Pass
		Outer_Full	23.13	/	/	24.19	/	/	<=30	Pass
		Inner_Full	23.16	/	/	24.22	/	/	<=30	Pass
		Inner_1RB_Left	23.02	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	24.34	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.71	/	/	23.77	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	23.86	/	/	<=30	Pass
		Outer_Full	23.35	/	/	24.41	/	/	<=30	Pass
		Inner_Full	23.27	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	24.38	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.88	/	/	23.94	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	23.76	/	/	<=30	Pass
		Outer_Full	23.42	/	/	24.48	/	/	<=30	Pass
		Inner_Full	23.35	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Left	23.40	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	24.39	/	/	<=30	Pass
DFT-s-OFDM QPSK	3485.01	Edge_1RB_Left	22.49	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	23.83	/	/	<=30	Pass
		Outer_Full	23.11	/	/	24.17	/	/	<=30	Pass
		Inner_Full	23.20	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Left	23.05	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	24.34	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.72	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	23.84	/	/	<=30	Pass
		Outer_Full	23.32	/	/	24.38	/	/	<=30	Pass
		Inner_Full	23.22	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Left	23.23	/	/	24.29	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	24.41	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.83	/	/	23.89	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	23.72	/	/	<=30	Pass
		Outer_Full	23.41	/	/	24.47	/	/	<=30	Pass
		Inner_Full	23.37	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Left	23.36	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	24.30	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Edge_1RB_Left	22.63	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	23.81	/	/	<=30	Pass
		Outer_Full	23.15	/	/	24.21	/	/	<=30	Pass

		Inner_Full	23.20	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	24.17	/	/	<=30	Pass
		Inner_1RB_Right	23.27	/	/	24.33	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.75	/	/	23.81	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	23.99	/	/	<=30	Pass
		Outer_Full	23.28	/	/	24.34	/	/	<=30	Pass
		Inner_Full	23.24	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	24.52	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.96	/	/	24.02	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	23.87	/	/	<=30	Pass
		Outer_Full	23.47	/	/	24.53	/	/	<=30	Pass
		Inner_Full	23.35	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	24.44	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Edge_1RB_Left	22.68	/	/	23.74	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	23.84	/	/	<=30	Pass
		Outer_Full	23.17	/	/	24.23	/	/	<=30	Pass
		Inner_Full	23.21	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Left	23.12	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Right	23.17	/	/	24.23	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.88	/	/	23.94	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	24.03	/	/	<=30	Pass
		Outer_Full	23.37	/	/	24.43	/	/	<=30	Pass
		Inner_Full	23.23	/	/	24.29	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	24.44	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	23.06	/	/	24.12	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	23.96	/	/	<=30	Pass
		Outer_Full	23.47	/	/	24.53	/	/	<=30	Pass
		Inner_Full	23.31	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Left	23.45	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	24.38	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Edge_1RB_Left	21.55	/	/	22.61	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	22.74	/	/	<=30	Pass
		Outer_Full	21.67	/	/	22.73	/	/	<=30	Pass
		Inner_Full	21.72	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Left	21.55	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	21.73	/	/	22.79	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.65	/	/	22.71	/	/	<=30	Pass
		Edge_1RB_Right	21.74	/	/	22.80	/	/	<=30	Pass
		Outer_Full	21.79	/	/	22.85	/	/	<=30	Pass
		Inner_Full	21.74	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Left	21.64	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Right	21.75	/	/	22.81	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.83	/	/	22.89	/	/	<=30	Pass
		Edge_1RB_Right	21.76	/	/	22.82	/	/	<=30	Pass
		Outer_Full	21.88	/	/	22.94	/	/	<=30	Pass
		Inner_Full	21.90	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Left	21.87	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Right	21.76	/	/	22.82	/	/	<=30	Pass
CP-OFDM QPSK	3485.01	Edge_1RB_Left	22.57	/	/	23.63	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	23.89	/	/	<=30	Pass
		Outer_Full	23.15	/	/	24.21	/	/	<=30	Pass
		Inner_Full	23.21	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Left	23.12	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	24.34	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.74	/	/	23.80	/	/	<=30	Pass

		Edge_1RB_Right	22.85	/	/	23.91	/	/	<=30	Pass
		Outer_Full	23.27	/	/	24.33	/	/	<=30	Pass
		Inner_Full	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	24.58	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.92	/	/	23.98	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	23.85	/	/	<=30	Pass
		Outer_Full	23.41	/	/	24.47	/	/	<=30	Pass
		Inner_Full	23.41	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	24.26	/	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Edge_1RB_Left	22.65	/	/	23.71	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	23.89	/	/	<=30	Pass
		Outer_Full	23.13	/	/	24.19	/	/	<=30	Pass
		Inner_Full	23.17	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Left	23.12	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	24.42	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.75	/	/	23.81	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	23.89	/	/	<=30	Pass
		Outer_Full	23.29	/	/	24.35	/	/	<=30	Pass
		Inner_Full	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Left	23.29	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	24.49	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.90	/	/	23.96	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	23.80	/	/	<=30	Pass
		Outer_Full	23.41	/	/	24.47	/	/	<=30	Pass
		Inner_Full	23.40	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	24.36	/	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge_1RB_Left	22.75	/	/	23.81	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	24.02	/	/	<=30	Pass
		Outer_Full	22.69	/	/	23.75	/	/	<=30	Pass
		Inner_Full	22.66	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Left	22.76	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Right	22.87	/	/	23.93	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.97	/	/	24.03	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	24.13	/	/	<=30	Pass
		Outer_Full	22.82	/	/	23.88	/	/	<=30	Pass
		Inner_Full	22.76	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Left	22.98	/	/	24.04	/	/	<=30	Pass
		Inner_1RB_Right	23.09	/	/	24.15	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	23.06	/	/	24.12	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	24.01	/	/	<=30	Pass
		Outer_Full	22.97	/	/	24.03	/	/	<=30	Pass
		Inner_Full	22.86	/	/	23.92	/	/	<=30	Pass
		Inner_1RB_Left	23.15	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	24.01	/	/	<=30	Pass
CP-OFDM 256 QAM	3485.01	Edge_1RB_Left	19.53	/	/	20.59	/	/	<=30	Pass
		Edge_1RB_Right	19.74	/	/	20.80	/	/	<=30	Pass
		Outer_Full	19.58	/	/	20.64	/	/	<=30	Pass
		Inner_Full	19.67	/	/	20.73	/	/	<=30	Pass
		Inner_1RB_Left	19.59	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Right	19.77	/	/	20.83	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.73	/	/	20.79	/	/	<=30	Pass
		Edge_1RB_Right	19.88	/	/	20.94	/	/	<=30	Pass
		Outer_Full	19.82	/	/	20.88	/	/	<=30	Pass
		Inner_Full	19.75	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Left	19.76	/	/	20.82	/	/	<=30	Pass

		Inner_1RB_Right	19.97	/	/	21.03	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	19.90	/	/	20.96	/	/	<=30	Pass
		Edge_1RB_Right	19.75	/	/	20.81	/	/	<=30	Pass
		Outer_Full	19.86	/	/	20.92	/	/	<=30	Pass
		Inner_Full	19.86	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Left	19.92	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Right	19.80	/	/	20.86	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.06dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.7 30k_SISO_80MHz_NTNV_EIRP

1.7.1 Test Result

5G NR n78(3450-3550MHz) SCS=30kHz SISO 80MHz 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	3490.02	Edge_1RB_Left	22.64	/	/	23.70	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	23.99	/	/	<=30	Pass
		Outer_Full	23.30	/	/	24.36	/	/	<=30	Pass
		Inner_Full	23.32	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Left	23.15	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	24.38	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.69	/	/	23.75	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	23.91	/	/	<=30	Pass
		Outer_Full	23.32	/	/	24.38	/	/	<=30	Pass
		Inner_Full	23.21	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Left	23.17	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	24.42	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.79	/	/	23.85	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	23.81	/	/	<=30	Pass
		Outer_Full	23.31	/	/	24.37	/	/	<=30	Pass
		Inner_Full	23.22	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Left	23.28	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	24.30	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Edge_1RB_Left	22.63	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	23.94	/	/	<=30	Pass
		Outer_Full	23.23	/	/	24.29	/	/	<=30	Pass
		Inner_Full	23.29	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Left	23.07	/	/	24.13	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	24.45	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.68	/	/	23.74	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	23.83	/	/	<=30	Pass
		Outer_Full	23.27	/	/	24.33	/	/	<=30	Pass
		Inner_Full	23.23	/	/	24.29	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	24.34	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.73	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	23.73	/	/	<=30	Pass
		Outer_Full	23.30	/	/	24.36	/	/	<=30	Pass
		Inner_Full	23.23	/	/	24.29	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Right	23.16	/	/	24.22	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Edge_1RB_Left	22.62	/	/	23.68	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	23.83	/	/	<=30	Pass

		Outer_Full	23.31	/	/	24.37	/	/	<=30	Pass
		Inner_Full	23.24	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Left	23.12	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	24.36	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.67	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	23.78	/	/	<=30	Pass
		Outer_Full	23.33	/	/	24.39	/	/	<=30	Pass
		Inner_Full	23.24	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Left	23.21	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	24.36	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.75	/	/	23.81	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	23.78	/	/	<=30	Pass
		Outer_Full	23.36	/	/	24.42	/	/	<=30	Pass
		Inner_Full	23.12	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Left	23.34	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Right	23.27	/	/	24.33	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Edge_1RB_Left	22.48	/	/	23.54	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	23.71	/	/	<=30	Pass
		Outer_Full	23.26	/	/	24.32	/	/	<=30	Pass
		Inner_Full	23.28	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Left	23.17	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	24.38	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.54	/	/	23.60	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	23.74	/	/	<=30	Pass
		Outer_Full	23.30	/	/	24.36	/	/	<=30	Pass
		Inner_Full	23.22	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Left	23.17	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	24.37	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.68	/	/	23.74	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	23.70	/	/	<=30	Pass
		Outer_Full	23.34	/	/	24.40	/	/	<=30	Pass
		Inner_Full	23.13	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	24.31	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Edge_1RB_Left	21.61	/	/	22.67	/	/	<=30	Pass
		Edge_1RB_Right	21.76	/	/	22.82	/	/	<=30	Pass
		Outer_Full	21.77	/	/	22.83	/	/	<=30	Pass
		Inner_Full	21.78	/	/	22.84	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	22.67	/	/	<=30	Pass
		Inner_1RB_Right	21.85	/	/	22.91	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.57	/	/	22.63	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	22.73	/	/	<=30	Pass
		Outer_Full	21.81	/	/	22.87	/	/	<=30	Pass
		Inner_Full	21.71	/	/	22.77	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Right	21.68	/	/	22.74	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.74	/	/	22.80	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	22.73	/	/	<=30	Pass
		Outer_Full	21.86	/	/	22.92	/	/	<=30	Pass
		Inner_Full	21.77	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Left	21.71	/	/	22.77	/	/	<=30	Pass
		Inner_1RB_Right	21.68	/	/	22.74	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Edge_1RB_Left	22.68	/	/	23.74	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	24.04	/	/	<=30	Pass
		Outer_Full	23.27	/	/	24.33	/	/	<=30	Pass
		Inner_Full	23.26	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Left	23.17	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	24.48	/	/	<=30	Pass

	3500.01	Edge_1RB_Left	22.64	/	/	23.70	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	23.75	/	/	<=30	Pass
		Outer_Full	23.30	/	/	24.36	/	/	<=30	Pass
		Inner_Full	23.21	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Left	23.19	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	24.37	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.76	/	/	23.82	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	23.97	/	/	<=30	Pass
		Outer_Full	23.31	/	/	24.37	/	/	<=30	Pass
		Inner_Full	23.28	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	24.44	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Edge_1RB_Left	22.60	/	/	23.66	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	23.80	/	/	<=30	Pass
		Outer_Full	23.30	/	/	24.36	/	/	<=30	Pass
		Inner_Full	23.27	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	24.36	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	24.45	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.72	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	23.96	/	/	<=30	Pass
		Outer_Full	23.34	/	/	24.40	/	/	<=30	Pass
		Inner_Full	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Left	23.21	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	24.31	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.86	/	/	23.92	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	23.94	/	/	<=30	Pass
		Outer_Full	23.33	/	/	24.39	/	/	<=30	Pass
		Inner_Full	23.24	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	24.39	/	/	<=30	Pass
CP-OFDM 64 QAM	3490.02	Edge_1RB_Left	22.68	/	/	23.74	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	23.87	/	/	<=30	Pass
		Outer_Full	22.78	/	/	23.84	/	/	<=30	Pass
		Inner_Full	22.75	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Left	22.63	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Right	22.83	/	/	23.89	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.65	/	/	23.71	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	23.85	/	/	<=30	Pass
		Outer_Full	22.78	/	/	23.84	/	/	<=30	Pass
		Inner_Full	22.72	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Right	22.82	/	/	23.88	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.95	/	/	24.01	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	23.99	/	/	<=30	Pass
		Outer_Full	22.83	/	/	23.89	/	/	<=30	Pass
		Inner_Full	22.78	/	/	23.84	/	/	<=30	Pass
		Inner_1RB_Left	22.96	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Right	22.94	/	/	24.00	/	/	<=30	Pass
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	19.62	/	/	20.68	/	/	<=30	Pass
		Edge_1RB_Right	19.80	/	/	20.86	/	/	<=30	Pass
		Outer_Full	19.69	/	/	20.75	/	/	<=30	Pass
		Inner_Full	19.79	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	19.55	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Right	19.70	/	/	20.76	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.63	/	/	20.69	/	/	<=30	Pass
		Edge_1RB_Right	19.73	/	/	20.79	/	/	<=30	Pass
		Outer_Full	19.84	/	/	20.90	/	/	<=30	Pass
		Inner_Full	19.77	/	/	20.83	/	/	<=30	Pass

		Inner_1RB_Left	19.72	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Right	19.72	/	/	20.78	/	/	<=30	Pass
	3510	Edge_1RB_Left	19.76	/	/	20.82	/	/	<=30	Pass
		Edge_1RB_Right	19.66	/	/	20.72	/	/	<=30	Pass
		Outer_Full	19.83	/	/	20.89	/	/	<=30	Pass
		Inner_Full	19.75	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Left	19.71	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Right	19.71	/	/	20.77	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.06dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.8 30k_SISO_90MHz_NTNV_EIRP

1.8.1 Test Result

5G NR n78(3450-3550MHz) SCS=30kHz SISO 90MHz 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	3495	Edge_1RB_Left	22.62	/	/	23.68	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	23.82	/	/	<=30	Pass
		Outer_Full	23.20	/	/	24.26	/	/	<=30	Pass
		Inner_Full	23.12	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	24.17	/	/	<=30	Pass
		Inner_1RB_Right	23.23	/	/	24.29	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.63	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	23.71	/	/	<=30	Pass
		Outer_Full	23.24	/	/	24.30	/	/	<=30	Pass
		Inner_Full	23.24	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	24.26	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.74	/	/	23.80	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	23.67	/	/	<=30	Pass
		Outer_Full	23.29	/	/	24.35	/	/	<=30	Pass
		Inner_Full	23.28	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Left	23.23	/	/	24.29	/	/	<=30	Pass
		Inner_1RB_Right	23.09	/	/	24.15	/	/	<=30	Pass
DFT-s-OFDM QPSK	3495	Edge_1RB_Left	22.60	/	/	23.66	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	23.85	/	/	<=30	Pass
		Outer_Full	23.16	/	/	24.22	/	/	<=30	Pass
		Inner_Full	23.07	/	/	24.13	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	24.17	/	/	<=30	Pass
		Inner_1RB_Right	23.23	/	/	24.29	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.68	/	/	23.74	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	23.72	/	/	<=30	Pass
		Outer_Full	23.30	/	/	24.36	/	/	<=30	Pass
		Inner_Full	23.17	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Left	23.09	/	/	24.15	/	/	<=30	Pass
		Inner_1RB_Right	23.18	/	/	24.24	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.67	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	23.65	/	/	<=30	Pass
		Outer_Full	23.30	/	/	24.36	/	/	<=30	Pass
		Inner_Full	23.27	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Left	23.17	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Right	23.04	/	/	24.10	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Edge_1RB_Left	22.59	/	/	23.65	/	/	<=30	Pass

		Edge_1RB_Right	22.79	/	/	23.85	/	/	<=30	Pass
		Outer_Full	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_Full	23.12	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	24.24	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	24.39	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.72	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	23.77	/	/	<=30	Pass
		Outer_Full	23.24	/	/	24.30	/	/	<=30	Pass
		Inner_Full	23.21	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Left	23.19	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Right	23.23	/	/	24.29	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.76	/	/	23.82	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	23.71	/	/	<=30	Pass
		Outer_Full	23.36	/	/	24.42	/	/	<=30	Pass
		Inner_Full	23.34	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	23.21	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	24.20	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge_1RB_Left	22.63	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	23.82	/	/	<=30	Pass
		Outer_Full	23.26	/	/	24.32	/	/	<=30	Pass
		Inner_Full	23.11	/	/	24.17	/	/	<=30	Pass
		Inner_1RB_Left	23.12	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	24.31	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.62	/	/	23.68	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	23.72	/	/	<=30	Pass
		Outer_Full	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_Full	23.19	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Left	23.17	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	24.25	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.70	/	/	23.76	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	23.58	/	/	<=30	Pass
		Outer_Full	23.32	/	/	24.38	/	/	<=30	Pass
		Inner_Full	23.33	/	/	24.39	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Right	23.04	/	/	24.10	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Edge_1RB_Left	21.59	/	/	22.65	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	22.78	/	/	<=30	Pass
		Outer_Full	21.63	/	/	22.69	/	/	<=30	Pass
		Inner_Full	21.63	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Right	21.73	/	/	22.79	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.61	/	/	22.67	/	/	<=30	Pass
		Edge_1RB_Right	21.62	/	/	22.68	/	/	<=30	Pass
		Outer_Full	21.76	/	/	22.82	/	/	<=30	Pass
		Inner_Full	21.69	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Right	21.59	/	/	22.65	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.65	/	/	22.71	/	/	<=30	Pass
		Edge_1RB_Right	21.53	/	/	22.59	/	/	<=30	Pass
		Outer_Full	21.82	/	/	22.88	/	/	<=30	Pass
		Inner_Full	21.80	/	/	22.86	/	/	<=30	Pass
		Inner_1RB_Left	21.64	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Right	21.50	/	/	22.56	/	/	<=30	Pass
CP-OFDM QPSK	3495	Edge_1RB_Left	22.64	/	/	23.70	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	23.89	/	/	<=30	Pass
		Outer_Full	23.18	/	/	24.24	/	/	<=30	Pass
		Inner_Full	23.15	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	24.31	/	/	<=30	Pass

		Inner_1RB_Right	23.34	/	/	24.40	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.65	/	/	23.71	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	23.78	/	/	<=30	Pass
		Outer_Full	23.29	/	/	24.35	/	/	<=30	Pass
		Inner_Full	23.24	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Left	23.23	/	/	24.29	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	24.25	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.73	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	23.67	/	/	<=30	Pass
		Outer_Full	23.32	/	/	24.38	/	/	<=30	Pass
		Inner_Full	23.29	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Right	23.10	/	/	24.16	/	/	<=30	Pass
CP-OFDM 16 QAM	3495	Edge_1RB_Left	22.65	/	/	23.71	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	23.90	/	/	<=30	Pass
		Outer_Full	23.20	/	/	24.26	/	/	<=30	Pass
		Inner_Full	23.09	/	/	24.15	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	24.37	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.70	/	/	23.76	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	23.79	/	/	<=30	Pass
		Outer_Full	23.19	/	/	24.25	/	/	<=30	Pass
		Inner_Full	23.20	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Left	23.17	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Right	23.17	/	/	24.23	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.76	/	/	23.82	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	23.69	/	/	<=30	Pass
		Outer_Full	23.29	/	/	24.35	/	/	<=30	Pass
		Inner_Full	23.26	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Right	23.09	/	/	24.15	/	/	<=30	Pass
CP-OFDM 64 QAM	3495	Edge_1RB_Left	22.68	/	/	23.74	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	23.89	/	/	<=30	Pass
		Outer_Full	22.70	/	/	23.76	/	/	<=30	Pass
		Inner_Full	22.60	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	22.66	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Right	22.79	/	/	23.85	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.79	/	/	23.85	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	23.89	/	/	<=30	Pass
		Outer_Full	22.71	/	/	23.77	/	/	<=30	Pass
		Inner_Full	22.70	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	22.84	/	/	23.90	/	/	<=30	Pass
		Inner_1RB_Right	22.80	/	/	23.86	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.83	/	/	23.89	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	23.80	/	/	<=30	Pass
		Outer_Full	22.83	/	/	23.89	/	/	<=30	Pass
		Inner_Full	22.78	/	/	23.84	/	/	<=30	Pass
		Inner_1RB_Left	22.85	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	23.79	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Edge_1RB_Left	19.65	/	/	20.71	/	/	<=30	Pass
		Edge_1RB_Right	19.82	/	/	20.88	/	/	<=30	Pass
		Outer_Full	19.64	/	/	20.70	/	/	<=30	Pass
		Inner_Full	19.60	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Left	19.55	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Right	19.70	/	/	20.76	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.66	/	/	20.72	/	/	<=30	Pass
		Edge_1RB_Right	19.60	/	/	20.66	/	/	<=30	Pass
		Outer_Full	19.71	/	/	20.77	/	/	<=30	Pass

		Inner_Full	20.35	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Left	19.56	/	/	20.62	/	/	<=30	Pass
		Inner_1RB_Right	19.69	/	/	20.75	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	19.71	/	/	20.77	/	/	<=30	Pass
		Edge_1RB_Right	19.62	/	/	20.68	/	/	<=30	Pass
		Outer_Full	19.82	/	/	20.88	/	/	<=30	Pass
		Inner_Full	19.79	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	19.83	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Right	19.64	/	/	20.70	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.06dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.9 30k_SISO_100MHz_NTNV_EIRP

1.9.1 Test Result

5G NR n78(3450-3550MHz) SCS=30kHz SISO 100MHz 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	3500.01	Edge_1RB_Left	22.64	/	/	23.70	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	23.65	/	/	<=30	Pass
		Outer_Full	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_Full	23.17	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Left	23.08	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Right	23.09	/	/	24.15	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.67	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	23.69	/	/	<=30	Pass
		Outer_Full	23.27	/	/	24.33	/	/	<=30	Pass
		Inner_Full	23.20	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	24.26	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	22.74	/	/	23.80	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	23.76	/	/	<=30	Pass
		Outer_Full	23.29	/	/	24.35	/	/	<=30	Pass
		Inner_Full	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	24.26	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge_1RB_Left	22.64	/	/	23.70	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	23.67	/	/	<=30	Pass
		Outer_Full	23.20	/	/	24.26	/	/	<=30	Pass
		Inner_Full	23.23	/	/	24.29	/	/	<=30	Pass
		Inner_1RB_Left	23.08	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Right	23.08	/	/	24.14	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.71	/	/	23.77	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	23.70	/	/	<=30	Pass
		Outer_Full	23.29	/	/	24.35	/	/	<=30	Pass
		Inner_Full	23.20	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	24.20	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	22.69	/	/	23.75	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	23.75	/	/	<=30	Pass
		Outer_Full	23.24	/	/	24.30	/	/	<=30	Pass
		Inner_Full	23.24	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	24.26	/	/	<=30	Pass

DFT-s-OFDM 16 QAM	3500.01	Edge_1RB_Left	22.64	/	/	23.70	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	23.68	/	/	<=30	Pass
		Outer_Full	23.31	/	/	24.37	/	/	<=30	Pass
		Inner_Full	23.15	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	24.17	/	/	<=30	Pass
		Inner_1RB_Right	23.09	/	/	24.15	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.85	/	/	23.91	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	23.93	/	/	<=30	Pass
		Outer_Full	23.28	/	/	24.34	/	/	<=30	Pass
		Inner_Full	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	24.39	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	24.37	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	22.82	/	/	23.88	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	23.84	/	/	<=30	Pass
		Outer_Full	23.31	/	/	24.37	/	/	<=30	Pass
		Inner_Full	23.27	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Left	23.35	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	24.39	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge_1RB_Left	22.59	/	/	23.65	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	23.66	/	/	<=30	Pass
		Outer_Full	23.24	/	/	24.30	/	/	<=30	Pass
		Inner_Full	23.21	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Left	23.21	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Right	23.22	/	/	24.28	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.77	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	23.78	/	/	<=30	Pass
		Outer_Full	23.38	/	/	24.44	/	/	<=30	Pass
		Inner_Full	23.26	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Left	23.29	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	24.36	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	22.74	/	/	23.80	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	23.77	/	/	<=30	Pass
		Outer_Full	23.28	/	/	24.34	/	/	<=30	Pass
		Inner_Full	23.31	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Left	23.29	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	24.36	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge_1RB_Left	21.60	/	/	22.66	/	/	<=30	Pass
		Edge_1RB_Right	21.62	/	/	22.68	/	/	<=30	Pass
		Outer_Full	21.73	/	/	22.79	/	/	<=30	Pass
		Inner_Full	21.73	/	/	22.79	/	/	<=30	Pass
		Inner_1RB_Left	21.53	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Right	21.55	/	/	22.61	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.65	/	/	22.71	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	22.66	/	/	<=30	Pass
		Outer_Full	21.69	/	/	22.75	/	/	<=30	Pass
		Inner_Full	21.74	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Left	21.65	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	21.62	/	/	22.68	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	21.65	/	/	22.71	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	22.73	/	/	<=30	Pass
		Outer_Full	21.79	/	/	22.85	/	/	<=30	Pass
		Inner_Full	21.75	/	/	22.81	/	/	<=30	Pass
		Inner_1RB_Left	21.64	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Right	21.58	/	/	22.64	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	22.61	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	23.74	/	/	<=30	Pass
		Outer_Full	23.22	/	/	24.28	/	/	<=30	Pass
		Inner_Full	23.22	/	/	24.28	/	/	<=30	Pass

		Inner_1RB_Left	23.13	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Right	23.08	/	/	24.14	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.67	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	23.74	/	/	<=30	Pass
		Outer_Full	23.27	/	/	24.33	/	/	<=30	Pass
		Inner_Full	23.28	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Right	23.09	/	/	24.15	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	22.74	/	/	23.80	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	23.67	/	/	<=30	Pass
		Outer_Full	23.28	/	/	24.34	/	/	<=30	Pass
		Inner_Full	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	24.31	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	22.67	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	23.67	/	/	<=30	Pass
		Outer_Full	23.19	/	/	24.25	/	/	<=30	Pass
		Inner_Full	23.18	/	/	24.24	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	24.25	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.77	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	23.82	/	/	<=30	Pass
		Outer_Full	23.30	/	/	24.36	/	/	<=30	Pass
		Inner_Full	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Right	23.27	/	/	24.33	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	22.75	/	/	23.81	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	23.65	/	/	<=30	Pass
		Outer_Full	23.26	/	/	24.32	/	/	<=30	Pass
		Inner_Full	23.25	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	24.25	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	22.77	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	23.84	/	/	<=30	Pass
		Outer_Full	22.75	/	/	23.81	/	/	<=30	Pass
		Inner_Full	22.73	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Left	22.75	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Right	22.75	/	/	23.81	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.83	/	/	23.89	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	23.86	/	/	<=30	Pass
		Outer_Full	22.76	/	/	23.82	/	/	<=30	Pass
		Inner_Full	22.74	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Right	22.79	/	/	23.85	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	22.84	/	/	23.90	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	23.83	/	/	<=30	Pass
		Outer_Full	22.77	/	/	23.83	/	/	<=30	Pass
		Inner_Full	22.71	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	23.86	/	/	<=30	Pass
		Inner_1RB_Right	22.84	/	/	23.90	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	19.67	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Right	19.63	/	/	20.69	/	/	<=30	Pass
		Outer_Full	19.73	/	/	20.79	/	/	<=30	Pass
		Inner_Full	19.72	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Left	19.64	/	/	20.70	/	/	<=30	Pass
		Inner_1RB_Right	19.68	/	/	20.74	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.62	/	/	20.68	/	/	<=30	Pass
		Edge_1RB_Right	19.64	/	/	20.70	/	/	<=30	Pass

		Outer_Full	19.75	/	/	20.81	/	/	<=30	Pass
		Inner_Full	19.77	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Left	19.59	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Right	19.60	/	/	20.66	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	19.69	/	/	20.75	/	/	<=30	Pass
		Edge_1RB_Right	19.55	/	/	20.61	/	/	<=30	Pass
		Outer_Full	19.76	/	/	20.82	/	/	<=30	Pass
		Inner_Full	19.79	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	19.57	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Right	19.63	/	/	20.69	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.06dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 30k_SISO_20MHz

2.1.1 Test Result

5G NR n78(3450-3550MHz) 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	3500.01	Outer_Full	20	LV	-33.00	-0.0094	>=-2.5 & <=2.5	Pass
				HV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-31.00	-0.0089	>=-2.5 & <=2.5	Pass
			-20	NV	-17.00	-0.0049	>=-2.5 & <=2.5	Pass
			-10	NV	-14.60	-0.0042	>=-2.5 & <=2.5	Pass
			0	NV	7.00	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-20.30	-0.0058	>=-2.5 & <=2.5	Pass
			20	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-25.10	-0.0072	>=-2.5 & <=2.5	Pass
			50	NV	-34.10	-0.0097	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-18.90	-0.0054	>=-2.5 & <=2.5	Pass
				HV	-15.00	-0.0043	>=-2.5 & <=2.5	Pass
			-30	NV	5.60	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	-16.50	-0.0047	>=-2.5 & <=2.5	Pass
			0	NV	-19.70	-0.0056	>=-2.5 & <=2.5	Pass
			10	NV	-32.70	-0.0093	>=-2.5 & <=2.5	Pass
			20	NV	-19.70	-0.0056	>=-2.5 & <=2.5	Pass
			30	NV	-8.00	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-30.40	-0.0087	>=-2.5 & <=2.5	Pass
			50	NV	-26.90	-0.0077	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3.80	0.0011	>=-2.5 & <=2.5	Pass
				HV	-13.40	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-40.10	-0.0115	>=-2.5 & <=2.5	Pass
			-20	NV	-29.40	-0.0084	>=-2.5 & <=2.5	Pass
			-10	NV	-24.80	-0.0071	>=-2.5 & <=2.5	Pass
			0	NV	-27.80	-0.0079	>=-2.5 & <=2.5	Pass
			10	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-7.90	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-21.10	-0.0060	>=-2.5 & <=2.5	Pass
			50	NV	-17.20	-0.0049	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-20.30	-0.0058	>=-2.5 & <=2.5	Pass
				HV	-24.80	-0.0071	>=-2.5 & <=2.5	Pass
			-30	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-24.80	-0.0071	>=-2.5 & <=2.5	Pass
			-10	NV	-28.70	-0.0082	>=-2.5 & <=2.5	Pass
			0	NV	-25.00	-0.0071	>=-2.5 & <=2.5	Pass
			10	NV	-26.80	-0.0077	>=-2.5 & <=2.5	Pass
			20	NV	-29.10	-0.0083	>=-2.5 & <=2.5	Pass
			30	NV	-31.00	-0.0089	>=-2.5 & <=2.5	Pass
			40	NV	-33.90	-0.0097	>=-2.5 & <=2.5	Pass
			50	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-16.50	-0.0047	>=-2.5 & <=2.5	Pass
				HV	-6.50	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-32.10	-0.0092	>=-2.5 & <=2.5	Pass
			-20	NV	-24.30	-0.0069	>=-2.5 & <=2.5	Pass
			-10	NV	-12.80	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-13.70	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-26.60	-0.0076	>=-2.5 & <=2.5	Pass
			20	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-19.80	-0.0057	>=-2.5 & <=2.5	Pass
			40	NV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	-24.30	-0.0069	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-23.10	-0.0066	>=-2.5 & <=2.5	Pass
			-20	NV	-27.60	-0.0079	>=-2.5 & <=2.5	Pass
			-10	NV	-20.00	-0.0057	>=-2.5 & <=2.5	Pass
			0	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-26.50	-0.0076	>=-2.5 & <=2.5	Pass
			30	NV	-27.10	-0.0077	>=-2.5 & <=2.5	Pass
			40	NV	-23.00	-0.0066	>=-2.5 & <=2.5	Pass
			50	NV	-36.80	-0.0105	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-16.00	-0.0046	>=-2.5 & <=2.5	Pass
			-30	NV	-1.60	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-28.30	-0.0081	>=-2.5 & <=2.5	Pass
			-10	NV	-16.90	-0.0048	>=-2.5 & <=2.5	Pass
			0	NV	-32.40	-0.0093	>=-2.5 & <=2.5	Pass
			10	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-39.30	-0.0112	>=-2.5 & <=2.5	Pass
			40	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-17.30	-0.0049	>=-2.5 & <=2.5	Pass
			-30	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-41.00	-0.0117	>=-2.5 & <=2.5	Pass
			-10	NV	-20.00	-0.0057	>=-2.5 & <=2.5	Pass
			0	NV	-20.60	-0.0059	>=-2.5 & <=2.5	Pass
			10	NV	-17.20	-0.0049	>=-2.5 & <=2.5	Pass
			20	NV	-15.50	-0.0044	>=-2.5 & <=2.5	Pass
			30	NV	-20.10	-0.0057	>=-2.5 & <=2.5	Pass
			40	NV	-26.70	-0.0076	>=-2.5 & <=2.5	Pass
			50	NV	-25.00	-0.0071	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-38.80	-0.0111	>=-2.5 & <=2.5	Pass
				HV	-21.20	-0.0061	>=-2.5 & <=2.5	Pass
			-30	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass

			-20	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-30.00	-0.0086	>=-2.5 & <=2.5	Pass
			0	NV	-15.50	-0.0044	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-20.80	-0.0059	>=-2.5 & <=2.5	Pass
			30	NV	-16.30	-0.0047	>=-2.5 & <=2.5	Pass
			40	NV	-27.20	-0.0078	>=-2.5 & <=2.5	Pass
			50	NV	-18.10	-0.0052	>=-2.5 & <=2.5	Pass

2.2 30k_SISO_30MHz

2.2.1 Test Result

5G NR n78(3450-3550MHz) 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	3500.01	Outer_Full	20	LV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-13.40	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-17.90	-0.0051	>=-2.5 & <=2.5	Pass
			-20	NV	-5.00	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-28.90	-0.0083	>=-2.5 & <=2.5	Pass
			0	NV	-31.80	-0.0091	>=-2.5 & <=2.5	Pass
			10	NV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-25.30	-0.0072	>=-2.5 & <=2.5	Pass
			30	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-21.90	-0.0063	>=-2.5 & <=2.5	Pass
			50	NV	-23.50	-0.0067	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-22.50	-0.0064	>=-2.5 & <=2.5	Pass
				HV	-18.40	-0.0053	>=-2.5 & <=2.5	Pass
			-30	NV	-33.90	-0.0097	>=-2.5 & <=2.5	Pass
			-20	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-23.70	-0.0068	>=-2.5 & <=2.5	Pass
			0	NV	-26.40	-0.0075	>=-2.5 & <=2.5	Pass
			10	NV	-22.40	-0.0064	>=-2.5 & <=2.5	Pass
			20	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-14.50	-0.0041	>=-2.5 & <=2.5	Pass
			40	NV	-17.40	-0.0050	>=-2.5 & <=2.5	Pass
			50	NV	-16.70	-0.0048	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-30.50	-0.0087	>=-2.5 & <=2.5	Pass
				HV	-37.40	-0.0107	>=-2.5 & <=2.5	Pass
			-30	NV	-26.30	-0.0075	>=-2.5 & <=2.5	Pass
			-20	NV	-15.50	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-7.00	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-32.70	-0.0093	>=-2.5 & <=2.5	Pass
			10	NV	-24.20	-0.0069	>=-2.5 & <=2.5	Pass
			20	NV	-30.60	-0.0087	>=-2.5 & <=2.5	Pass
			30	NV	14.90	0.0043	>=-2.5 & <=2.5	Pass
			40	NV	-16.00	-0.0046	>=-2.5 & <=2.5	Pass
			50	NV	-16.00	-0.0046	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-15.60	-0.0045	>=-2.5 & <=2.5	Pass
				HV	-37.60	-0.0107	>=-2.5 & <=2.5	Pass
			-30	NV	-14.50	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-14.80	-0.0042	>=-2.5 & <=2.5	Pass
			-10	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-21.70	-0.0062	>=-2.5 & <=2.5	Pass

			10	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-24.60	-0.0070	>=-2.5 & <=2.5	Pass
			30	NV	-20.30	-0.0058	>=-2.5 & <=2.5	Pass
			40	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	-22.30	-0.0064	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-13.20	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-23.20	-0.0066	>=-2.5 & <=2.5	Pass
			-30	NV	-25.70	-0.0073	>=-2.5 & <=2.5	Pass
			-20	NV	-20.20	-0.0058	>=-2.5 & <=2.5	Pass
			-10	NV	-19.60	-0.0056	>=-2.5 & <=2.5	Pass
			0	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-14.40	-0.0041	>=-2.5 & <=2.5	Pass
			20	NV	-14.20	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	-15.30	-0.0044	>=-2.5 & <=2.5	Pass
			40	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			50	NV	-31.10	-0.0089	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-20.20	-0.0058	>=-2.5 & <=2.5	Pass
				HV	-16.10	-0.0046	>=-2.5 & <=2.5	Pass
			-30	NV	-26.20	-0.0075	>=-2.5 & <=2.5	Pass
			-20	NV	-18.20	-0.0052	>=-2.5 & <=2.5	Pass
			-10	NV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-33.20	-0.0095	>=-2.5 & <=2.5	Pass
			10	NV	-16.70	-0.0048	>=-2.5 & <=2.5	Pass
			20	NV	-29.40	-0.0084	>=-2.5 & <=2.5	Pass
			30	NV	-33.70	-0.0096	>=-2.5 & <=2.5	Pass
			40	NV	-18.00	-0.0051	>=-2.5 & <=2.5	Pass
			50	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-34.70	-0.0099	>=-2.5 & <=2.5	Pass
				HV	-36.20	-0.0103	>=-2.5 & <=2.5	Pass
			-30	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-24.20	-0.0069	>=-2.5 & <=2.5	Pass
			-10	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-17.30	-0.0049	>=-2.5 & <=2.5	Pass
			10	NV	-32.80	-0.0094	>=-2.5 & <=2.5	Pass
			20	NV	-33.10	-0.0095	>=-2.5 & <=2.5	Pass
			30	NV	-28.50	-0.0081	>=-2.5 & <=2.5	Pass
			40	NV	-16.20	-0.0046	>=-2.5 & <=2.5	Pass
			50	NV	-28.00	-0.0080	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-23.40	-0.0067	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-17.50	-0.0050	>=-2.5 & <=2.5	Pass
			-20	NV	-19.90	-0.0057	>=-2.5 & <=2.5	Pass
			-10	NV	-23.50	-0.0067	>=-2.5 & <=2.5	Pass
			0	NV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-30.10	-0.0086	>=-2.5 & <=2.5	Pass
			30	NV	-34.40	-0.0098	>=-2.5 & <=2.5	Pass
			40	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-20.90	-0.0060	>=-2.5 & <=2.5	Pass
				HV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-15.20	-0.0043	>=-2.5 & <=2.5	Pass
			-10	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-29.20	-0.0083	>=-2.5 & <=2.5	Pass
			10	NV	-19.00	-0.0054	>=-2.5 & <=2.5	Pass
			20	NV	-27.00	-0.0077	>=-2.5 & <=2.5	Pass
			30	NV	-20.30	-0.0058	>=-2.5 & <=2.5	Pass

			40	NV	-13.20	-0.0038	>=-2.5 & <=2.5	Pass
			50	NV	-23.40	-0.0067	>=-2.5 & <=2.5	Pass

2.3 30k_SISO_40MHz

2.3.1 Test Result

5G NR n78(3450-3550MHz) 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	3500.01	Outer_Full	20	LV	-28.70	-0.0082	>=-2.5 & <=2.5	Pass
				HV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-26.90	-0.0077	>=-2.5 & <=2.5	Pass
			-20	NV	-26.60	-0.0076	>=-2.5 & <=2.5	Pass
			-10	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-24.00	-0.0069	>=-2.5 & <=2.5	Pass
			10	NV	-20.70	-0.0059	>=-2.5 & <=2.5	Pass
			20	NV	-23.00	-0.0066	>=-2.5 & <=2.5	Pass
			30	NV	-19.70	-0.0056	>=-2.5 & <=2.5	Pass
			40	NV	4.50	0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-28.50	-0.0081	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-34.50	-0.0099	>=-2.5 & <=2.5	Pass
				HV	-32.80	-0.0094	>=-2.5 & <=2.5	Pass
			-30	NV	-20.40	-0.0058	>=-2.5 & <=2.5	Pass
			-20	NV	-29.10	-0.0083	>=-2.5 & <=2.5	Pass
			-10	NV	-15.20	-0.0043	>=-2.5 & <=2.5	Pass
			0	NV	-24.00	-0.0069	>=-2.5 & <=2.5	Pass
			10	NV	-23.20	-0.0066	>=-2.5 & <=2.5	Pass
			20	NV	-27.20	-0.0078	>=-2.5 & <=2.5	Pass
			30	NV	-35.30	-0.0101	>=-2.5 & <=2.5	Pass
			40	NV	-31.80	-0.0091	>=-2.5 & <=2.5	Pass
			50	NV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-22.80	-0.0065	>=-2.5 & <=2.5	Pass
			-20	NV	-23.80	-0.0068	>=-2.5 & <=2.5	Pass
			-10	NV	-29.00	-0.0083	>=-2.5 & <=2.5	Pass
			0	NV	-27.40	-0.0078	>=-2.5 & <=2.5	Pass
			10	NV	-14.80	-0.0042	>=-2.5 & <=2.5	Pass
			20	NV	-21.10	-0.0060	>=-2.5 & <=2.5	Pass
			30	NV	-20.60	-0.0059	>=-2.5 & <=2.5	Pass
			40	NV	-20.60	-0.0059	>=-2.5 & <=2.5	Pass
			50	NV	-23.90	-0.0068	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-22.50	-0.0064	>=-2.5 & <=2.5	Pass
				HV	-32.70	-0.0093	>=-2.5 & <=2.5	Pass
			-30	NV	-18.10	-0.0052	>=-2.5 & <=2.5	Pass
			-20	NV	-34.50	-0.0099	>=-2.5 & <=2.5	Pass
			-10	NV	-22.10	-0.0063	>=-2.5 & <=2.5	Pass
			0	NV	-29.00	-0.0083	>=-2.5 & <=2.5	Pass
			10	NV	-15.10	-0.0043	>=-2.5 & <=2.5	Pass
			20	NV	-13.50	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	-33.10	-0.0095	>=-2.5 & <=2.5	Pass
			40	NV	-22.60	-0.0065	>=-2.5 & <=2.5	Pass
			50	NV	-20.90	-0.0060	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-15.30	-0.0044	>=-2.5 & <=2.5	Pass

				HV	-18.80	-0.0054	>=-2.5 & <=2.5	Pass
			-30	NV	-27.20	-0.0078	>=-2.5 & <=2.5	Pass
			-20	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-30.20	-0.0086	>=-2.5 & <=2.5	Pass
			10	NV	-16.80	-0.0048	>=-2.5 & <=2.5	Pass
			20	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-16.40	-0.0047	>=-2.5 & <=2.5	Pass
			40	NV	-30.70	-0.0088	>=-2.5 & <=2.5	Pass
			50	NV	-35.10	-0.0100	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-14.90	-0.0043	>=-2.5 & <=2.5	Pass
				HV	-16.30	-0.0047	>=-2.5 & <=2.5	Pass
			-30	NV	-31.70	-0.0091	>=-2.5 & <=2.5	Pass
			-20	NV	-15.60	-0.0045	>=-2.5 & <=2.5	Pass
			-10	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-23.40	-0.0067	>=-2.5 & <=2.5	Pass
			10	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-28.50	-0.0081	>=-2.5 & <=2.5	Pass
			30	NV	-35.10	-0.0100	>=-2.5 & <=2.5	Pass
			40	NV	-33.70	-0.0096	>=-2.5 & <=2.5	Pass
			50	NV	-24.20	-0.0069	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-28.20	-0.0081	>=-2.5 & <=2.5	Pass
				HV	-20.20	-0.0058	>=-2.5 & <=2.5	Pass
			-30	NV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	-19.50	-0.0056	>=-2.5 & <=2.5	Pass
			-10	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-24.50	-0.0070	>=-2.5 & <=2.5	Pass
			20	NV	-14.80	-0.0042	>=-2.5 & <=2.5	Pass
			30	NV	-37.80	-0.0108	>=-2.5 & <=2.5	Pass
			40	NV	-18.80	-0.0054	>=-2.5 & <=2.5	Pass
			50	NV	-31.80	-0.0091	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-17.30	-0.0049	>=-2.5 & <=2.5	Pass
				HV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-14.60	-0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-21.90	-0.0063	>=-2.5 & <=2.5	Pass
			0	NV	-21.50	-0.0061	>=-2.5 & <=2.5	Pass
			10	NV	-5.80	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-26.10	-0.0075	>=-2.5 & <=2.5	Pass
			30	NV	-24.50	-0.0070	>=-2.5 & <=2.5	Pass
			40	NV	-35.00	-0.0100	>=-2.5 & <=2.5	Pass
			50	NV	-6.10	-0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-24.80	-0.0071	>=-2.5 & <=2.5	Pass
			-30	NV	-36.10	-0.0103	>=-2.5 & <=2.5	Pass
			-20	NV	-28.90	-0.0083	>=-2.5 & <=2.5	Pass
			-10	NV	-14.60	-0.0042	>=-2.5 & <=2.5	Pass
			0	NV	-21.20	-0.0061	>=-2.5 & <=2.5	Pass
			10	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	-17.30	-0.0049	>=-2.5 & <=2.5	Pass
			40	NV	-16.50	-0.0047	>=-2.5 & <=2.5	Pass
			50	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass

2.4 30k_SISO_50MHz

2.4.1 Test Result

5G NR n78(3450-3550MHz) SCS=30kHz SISO 50MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	-29.40	-0.0084	>=-2.5 & <=2.5	Pass
				HV	-19.20	-0.0055	>=-2.5 & <=2.5	Pass
			-30	NV	-22.40	-0.0064	>=-2.5 & <=2.5	Pass
			-20	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-6.90	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-28.90	-0.0083	>=-2.5 & <=2.5	Pass
			10	NV	-21.10	-0.0060	>=-2.5 & <=2.5	Pass
			20	NV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-18.10	-0.0052	>=-2.5 & <=2.5	Pass
			40	NV	-7.60	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-23.10	-0.0066	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-17.20	-0.0049	>=-2.5 & <=2.5	Pass
				HV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-21.80	-0.0062	>=-2.5 & <=2.5	Pass
			-10	NV	-27.60	-0.0079	>=-2.5 & <=2.5	Pass
			0	NV	-18.50	-0.0053	>=-2.5 & <=2.5	Pass
			10	NV	-35.70	-0.0102	>=-2.5 & <=2.5	Pass
			20	NV	-27.10	-0.0077	>=-2.5 & <=2.5	Pass
			30	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-36.80	-0.0105	>=-2.5 & <=2.5	Pass
			50	NV	-36.90	-0.0105	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	8.40	0.0024	>=-2.5 & <=2.5	Pass
				HV	-21.40	-0.0061	>=-2.5 & <=2.5	Pass
			-30	NV	-32.20	-0.0092	>=-2.5 & <=2.5	Pass
			-20	NV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
			0	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-16.10	-0.0046	>=-2.5 & <=2.5	Pass
			20	NV	-18.60	-0.0053	>=-2.5 & <=2.5	Pass
			30	NV	-14.90	-0.0043	>=-2.5 & <=2.5	Pass
			40	NV	-16.10	-0.0046	>=-2.5 & <=2.5	Pass
			50	NV	-24.30	-0.0069	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-3.70	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	14.10	0.0040	>=-2.5 & <=2.5	Pass
			-20	NV	-16.10	-0.0046	>=-2.5 & <=2.5	Pass
			-10	NV	-30.80	-0.0088	>=-2.5 & <=2.5	Pass
			0	NV	14.10	0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-37.00	-0.0106	>=-2.5 & <=2.5	Pass
			20	NV	-21.50	-0.0061	>=-2.5 & <=2.5	Pass
			30	NV	-25.00	-0.0071	>=-2.5 & <=2.5	Pass
			40	NV	-21.50	-0.0061	>=-2.5 & <=2.5	Pass
			50	NV	-20.70	-0.0059	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-15.90	-0.0045	>=-2.5 & <=2.5	Pass
				HV	-13.20	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass
			-20	NV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-20.00	-0.0057	>=-2.5 & <=2.5	Pass
			0	NV	-32.00	-0.0091	>=-2.5 & <=2.5	Pass
			10	NV	-21.40	-0.0061	>=-2.5 & <=2.5	Pass
			20	NV	-33.10	-0.0095	>=-2.5 & <=2.5	Pass

			30	NV	-20.80	-0.0059	>=-2.5 & <=2.5	Pass
			40	NV	-21.60	-0.0062	>=-2.5 & <=2.5	Pass
			50	NV	-27.50	-0.0079	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-13.40	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-19.00	-0.0054	>=-2.5 & <=2.5	Pass
			-30	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-38.50	-0.0110	>=-2.5 & <=2.5	Pass
			-10	NV	-25.50	-0.0073	>=-2.5 & <=2.5	Pass
			0	NV	-16.80	-0.0048	>=-2.5 & <=2.5	Pass
			10	NV	-17.70	-0.0051	>=-2.5 & <=2.5	Pass
			20	NV	-26.20	-0.0075	>=-2.5 & <=2.5	Pass
			30	NV	-28.80	-0.0082	>=-2.5 & <=2.5	Pass
			40	NV	-3.10	-0.0009	>=-2.5 & <=2.5	Pass
			50	NV	-13.50	-0.0039	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-38.10	-0.0109	>=-2.5 & <=2.5	Pass
				HV	-28.80	-0.0082	>=-2.5 & <=2.5	Pass
			-30	NV	-23.60	-0.0067	>=-2.5 & <=2.5	Pass
			-20	NV	-29.50	-0.0084	>=-2.5 & <=2.5	Pass
			-10	NV	-20.10	-0.0057	>=-2.5 & <=2.5	Pass
			0	NV	-25.60	-0.0073	>=-2.5 & <=2.5	Pass
			10	NV	-15.20	-0.0043	>=-2.5 & <=2.5	Pass
			20	NV	-30.20	-0.0086	>=-2.5 & <=2.5	Pass
			30	NV	-18.80	-0.0054	>=-2.5 & <=2.5	Pass
			40	NV	-23.20	-0.0066	>=-2.5 & <=2.5	Pass
			50	NV	-28.20	-0.0081	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-19.50	-0.0056	>=-2.5 & <=2.5	Pass
				HV	-28.20	-0.0081	>=-2.5 & <=2.5	Pass
			-30	NV	-32.30	-0.0092	>=-2.5 & <=2.5	Pass
			-20	NV	-18.30	-0.0052	>=-2.5 & <=2.5	Pass
			-10	NV	-20.40	-0.0058	>=-2.5 & <=2.5	Pass
			0	NV	-19.90	-0.0057	>=-2.5 & <=2.5	Pass
			10	NV	-21.80	-0.0062	>=-2.5 & <=2.5	Pass
			20	NV	-20.40	-0.0058	>=-2.5 & <=2.5	Pass
			30	NV	-17.60	-0.0050	>=-2.5 & <=2.5	Pass
			40	NV	-24.90	-0.0071	>=-2.5 & <=2.5	Pass
			50	NV	-20.70	-0.0059	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-20.60	-0.0059	>=-2.5 & <=2.5	Pass
				HV	-20.50	-0.0059	>=-2.5 & <=2.5	Pass
			-30	NV	-18.90	-0.0054	>=-2.5 & <=2.5	Pass
			-20	NV	-27.00	-0.0077	>=-2.5 & <=2.5	Pass
			-10	NV	-22.20	-0.0063	>=-2.5 & <=2.5	Pass
			0	NV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			10	NV	-25.30	-0.0072	>=-2.5 & <=2.5	Pass
			20	NV	-29.30	-0.0084	>=-2.5 & <=2.5	Pass
			30	NV	-20.70	-0.0059	>=-2.5 & <=2.5	Pass
			40	NV	-20.70	-0.0059	>=-2.5 & <=2.5	Pass
			50	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass

2.5 30k_SISO_60MHz

2.5.1 Test Result

5G NR n78(3450-3550MHz) SCS=30kHz SISO 60MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	

DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	2.20	0.0006	>=-2.5 & <=2.5	Pass
				HV	-35.90	-0.0103	>=-2.5 & <=2.5	Pass
			-30	NV	-22.50	-0.0064	>=-2.5 & <=2.5	Pass
			-20	NV	-15.40	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			0	NV	-23.90	-0.0068	>=-2.5 & <=2.5	Pass
			10	NV	-16.30	-0.0047	>=-2.5 & <=2.5	Pass
			20	NV	-8.60	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-18.80	-0.0054	>=-2.5 & <=2.5	Pass
			50	NV	-22.20	-0.0063	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-21.30	-0.0061	>=-2.5 & <=2.5	Pass
				HV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-20.80	-0.0059	>=-2.5 & <=2.5	Pass
			-10	NV	-28.80	-0.0082	>=-2.5 & <=2.5	Pass
			0	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-23.70	-0.0068	>=-2.5 & <=2.5	Pass
			30	NV	-15.10	-0.0043	>=-2.5 & <=2.5	Pass
			40	NV	-6.90	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-5.20	-0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-5.50	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-14.40	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-18.60	-0.0053	>=-2.5 & <=2.5	Pass
			-20	NV	-22.40	-0.0064	>=-2.5 & <=2.5	Pass
			-10	NV	-30.40	-0.0087	>=-2.5 & <=2.5	Pass
			0	NV	7.90	0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-25.50	-0.0073	>=-2.5 & <=2.5	Pass
			20	NV	-22.30	-0.0064	>=-2.5 & <=2.5	Pass
			30	NV	-4.30	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-15.60	-0.0045	>=-2.5 & <=2.5	Pass
			50	NV	-19.70	-0.0056	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-22.00	-0.0063	>=-2.5 & <=2.5	Pass
				HV	-40.40	-0.0115	>=-2.5 & <=2.5	Pass
			-30	NV	-12.70	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	8.30	0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-17.60	-0.0050	>=-2.5 & <=2.5	Pass
			20	NV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-19.90	-0.0057	>=-2.5 & <=2.5	Pass
			50	NV	-22.70	-0.0065	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-18.70	-0.0053	>=-2.5 & <=2.5	Pass
				HV	-16.80	-0.0048	>=-2.5 & <=2.5	Pass
			-30	NV	-25.30	-0.0072	>=-2.5 & <=2.5	Pass
			-20	NV	-1.70	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-28.40	-0.0081	>=-2.5 & <=2.5	Pass
			0	NV	-16.90	-0.0048	>=-2.5 & <=2.5	Pass
			10	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-28.50	-0.0081	>=-2.5 & <=2.5	Pass
			40	NV	-17.10	-0.0049	>=-2.5 & <=2.5	Pass
			50	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-20.80	-0.0059	>=-2.5 & <=2.5	Pass
				HV	-12.70	-0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	-30.90	-0.0088	>=-2.5 & <=2.5	Pass

			-20	NV	-31.40	-0.0090	>=-2.5 & <=2.5	Pass
			-10	NV	-22.20	-0.0063	>=-2.5 & <=2.5	Pass
			0	NV	-1.60	-0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-20.80	-0.0059	>=-2.5 & <=2.5	Pass
			20	NV	-23.60	-0.0067	>=-2.5 & <=2.5	Pass
			30	NV	-39.00	-0.0111	>=-2.5 & <=2.5	Pass
			40	NV	-22.30	-0.0064	>=-2.5 & <=2.5	Pass
			50	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-18.70	-0.0053	>=-2.5 & <=2.5	Pass
				HV	-16.10	-0.0046	>=-2.5 & <=2.5	Pass
			-30	NV	-15.80	-0.0045	>=-2.5 & <=2.5	Pass
			-20	NV	-25.90	-0.0074	>=-2.5 & <=2.5	Pass
			-10	NV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-23.10	-0.0066	>=-2.5 & <=2.5	Pass
			10	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-20.00	-0.0057	>=-2.5 & <=2.5	Pass
			30	NV	-21.60	-0.0062	>=-2.5 & <=2.5	Pass
			40	NV	-19.90	-0.0057	>=-2.5 & <=2.5	Pass
			50	NV	-28.00	-0.0080	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-6.30	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-22.30	-0.0064	>=-2.5 & <=2.5	Pass
			-30	NV	-24.20	-0.0069	>=-2.5 & <=2.5	Pass
			-20	NV	-1.60	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-27.00	-0.0077	>=-2.5 & <=2.5	Pass
			0	NV	-14.90	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-19.60	-0.0056	>=-2.5 & <=2.5	Pass
			20	NV	-23.30	-0.0067	>=-2.5 & <=2.5	Pass
			30	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-15.10	-0.0043	>=-2.5 & <=2.5	Pass
			50	NV	-17.90	-0.0051	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-26.60	-0.0076	>=-2.5 & <=2.5	Pass
				HV	-30.50	-0.0087	>=-2.5 & <=2.5	Pass
			-30	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-18.50	-0.0053	>=-2.5 & <=2.5	Pass
			-10	NV	-15.50	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-29.60	-0.0085	>=-2.5 & <=2.5	Pass
			10	NV	-29.30	-0.0084	>=-2.5 & <=2.5	Pass
			20	NV	-20.30	-0.0058	>=-2.5 & <=2.5	Pass
			30	NV	-24.30	-0.0069	>=-2.5 & <=2.5	Pass
			40	NV	-16.70	-0.0048	>=-2.5 & <=2.5	Pass
			50	NV	-21.90	-0.0063	>=-2.5 & <=2.5	Pass

2.6 30k_SISO_70MHz

2.6.1 Test Result

5G NR n78(3450-3550MHz) SCS=30kHz SISO 70MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	-23.30	-0.0067	>=-2.5 & <=2.5	Pass
				HV	-17.40	-0.0050	>=-2.5 & <=2.5	Pass
			-30	NV	-22.90	-0.0065	>=-2.5 & <=2.5	Pass
			-20	NV	-25.00	-0.0071	>=-2.5 & <=2.5	Pass
			-10	NV	-15.10	-0.0043	>=-2.5 & <=2.5	Pass
			0	NV	-27.50	-0.0079	>=-2.5 & <=2.5	Pass

			10	NV	-4.10	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			30	NV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
			40	NV	-32.60	-0.0093	>=-2.5 & <=2.5	Pass
			50	NV	-21.70	-0.0062	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-31.60	-0.0090	>=-2.5 & <=2.5	Pass
				HV	-24.40	-0.0070	>=-2.5 & <=2.5	Pass
			-30	NV	-25.60	-0.0073	>=-2.5 & <=2.5	Pass
			-20	NV	-21.10	-0.0060	>=-2.5 & <=2.5	Pass
			-10	NV	-23.20	-0.0066	>=-2.5 & <=2.5	Pass
			0	NV	-5.30	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-24.30	-0.0069	>=-2.5 & <=2.5	Pass
			20	NV	-23.00	-0.0066	>=-2.5 & <=2.5	Pass
			30	NV	-18.20	-0.0052	>=-2.5 & <=2.5	Pass
			40	NV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-15.80	-0.0045	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-17.60	-0.0050	>=-2.5 & <=2.5	Pass
				HV	-6.50	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	14.00	0.0040	>=-2.5 & <=2.5	Pass
			-20	NV	-15.80	-0.0045	>=-2.5 & <=2.5	Pass
			-10	NV	-20.80	-0.0059	>=-2.5 & <=2.5	Pass
			0	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-8.10	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-17.80	-0.0051	>=-2.5 & <=2.5	Pass
			30	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-20.60	-0.0059	>=-2.5 & <=2.5	Pass
			50	NV	-27.40	-0.0078	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-30.30	-0.0087	>=-2.5 & <=2.5	Pass
				HV	-17.60	-0.0050	>=-2.5 & <=2.5	Pass
			-30	NV	-20.50	-0.0059	>=-2.5 & <=2.5	Pass
			-20	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-18.10	-0.0052	>=-2.5 & <=2.5	Pass
			10	NV	-20.90	-0.0060	>=-2.5 & <=2.5	Pass
			20	NV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-30.00	-0.0086	>=-2.5 & <=2.5	Pass
			40	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-18.50	-0.0053	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-27.70	-0.0079	>=-2.5 & <=2.5	Pass
				HV	-3.90	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-24.50	-0.0070	>=-2.5 & <=2.5	Pass
			-20	NV	-16.90	-0.0048	>=-2.5 & <=2.5	Pass
			-10	NV	-34.40	-0.0098	>=-2.5 & <=2.5	Pass
			0	NV	-21.60	-0.0062	>=-2.5 & <=2.5	Pass
			10	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-22.30	-0.0064	>=-2.5 & <=2.5	Pass
			30	NV	-27.00	-0.0077	>=-2.5 & <=2.5	Pass
			40	NV	8.20	0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-20.00	-0.0057	>=-2.5 & <=2.5	Pass
				HV	-26.80	-0.0077	>=-2.5 & <=2.5	Pass
			-30	NV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-16.40	-0.0047	>=-2.5 & <=2.5	Pass
			-10	NV	-20.40	-0.0058	>=-2.5 & <=2.5	Pass
			0	NV	-27.10	-0.0077	>=-2.5 & <=2.5	Pass
			10	NV	-18.80	-0.0054	>=-2.5 & <=2.5	Pass
			20	NV	-7.10	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-32.10	-0.0092	>=-2.5 & <=2.5	Pass

			40	NV	-36.80	-0.0105	>=-2.5 & <=2.5	Pass
			50	NV	-22.10	-0.0063	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass
			-30	NV	-18.20	-0.0052	>=-2.5 & <=2.5	Pass
			-20	NV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-15.20	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-42.80	-0.0122	>=-2.5 & <=2.5	Pass
			20	NV	-21.60	-0.0062	>=-2.5 & <=2.5	Pass
			30	NV	-14.90	-0.0043	>=-2.5 & <=2.5	Pass
			40	NV	-16.70	-0.0048	>=-2.5 & <=2.5	Pass
			50	NV	-4.80	-0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-21.00	-0.0060	>=-2.5 & <=2.5	Pass
				HV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-22.70	-0.0065	>=-2.5 & <=2.5	Pass
			-20	NV	-20.30	-0.0058	>=-2.5 & <=2.5	Pass
			-10	NV	-1.10	-0.0003	>=-2.5 & <=2.5	Pass
			0	NV	-31.90	-0.0091	>=-2.5 & <=2.5	Pass
			10	NV	-7.60	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-18.80	-0.0054	>=-2.5 & <=2.5	Pass
			30	NV	-3.80	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-18.00	-0.0051	>=-2.5 & <=2.5	Pass
				HV	-30.20	-0.0086	>=-2.5 & <=2.5	Pass
			-30	NV	8.60	0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-21.10	-0.0060	>=-2.5 & <=2.5	Pass
			10	NV	-13.40	-0.0038	>=-2.5 & <=2.5	Pass
			20	NV	-24.50	-0.0070	>=-2.5 & <=2.5	Pass
			30	NV	-31.70	-0.0091	>=-2.5 & <=2.5	Pass
			40	NV	-22.30	-0.0064	>=-2.5 & <=2.5	Pass
			50	NV	-29.50	-0.0084	>=-2.5 & <=2.5	Pass

2.7 30k_SISO_80MHz

2.7.1 Test Result

5G NR n78(3450-3550MHz) SCS=30kHz SISO 80MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	-16.10	-0.0046	>=-2.5 & <=2.5	Pass
				HV	-21.90	-0.0063	>=-2.5 & <=2.5	Pass
			-30	NV	-17.80	-0.0051	>=-2.5 & <=2.5	Pass
			-20	NV	-27.40	-0.0078	>=-2.5 & <=2.5	Pass
			-10	NV	-6.60	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-29.50	-0.0084	>=-2.5 & <=2.5	Pass
			10	NV	9.20	0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-28.00	-0.0080	>=-2.5 & <=2.5	Pass
			40	NV	-22.30	-0.0064	>=-2.5 & <=2.5	Pass
			50	NV	-6.50	-0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-36.90	-0.0105	>=-2.5 & <=2.5	Pass

				HV	-42.70	-0.0122	>=-2.5 & <=2.5	Pass
			-30	NV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	-24.80	-0.0071	>=-2.5 & <=2.5	Pass
			-10	NV	-35.50	-0.0101	>=-2.5 & <=2.5	Pass
			0	NV	-18.30	-0.0052	>=-2.5 & <=2.5	Pass
			10	NV	14.30	0.0041	>=-2.5 & <=2.5	Pass
			20	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-27.20	-0.0078	>=-2.5 & <=2.5	Pass
			50	NV	-24.60	-0.0070	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-24.50	-0.0070	>=-2.5 & <=2.5	Pass
				HV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass
			-30	NV	-18.30	-0.0052	>=-2.5 & <=2.5	Pass
			-20	NV	-24.60	-0.0070	>=-2.5 & <=2.5	Pass
			-10	NV	-24.40	-0.0070	>=-2.5 & <=2.5	Pass
			0	NV	-22.40	-0.0064	>=-2.5 & <=2.5	Pass
			10	NV	-21.30	-0.0061	>=-2.5 & <=2.5	Pass
			20	NV	-24.70	-0.0071	>=-2.5 & <=2.5	Pass
			30	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-4.80	-0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-16.80	-0.0048	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	7.80	0.0022	>=-2.5 & <=2.5	Pass
				HV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-27.30	-0.0078	>=-2.5 & <=2.5	Pass
			-20	NV	-13.70	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-36.30	-0.0104	>=-2.5 & <=2.5	Pass
			0	NV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-0.90	-0.0003	>=-2.5 & <=2.5	Pass
			20	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-23.60	-0.0067	>=-2.5 & <=2.5	Pass
			50	NV	-25.90	-0.0074	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-25.10	-0.0072	>=-2.5 & <=2.5	Pass
				HV	-19.30	-0.0055	>=-2.5 & <=2.5	Pass
			-30	NV	-1.60	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	1.50	0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-28.50	-0.0081	>=-2.5 & <=2.5	Pass
			10	NV	-18.00	-0.0051	>=-2.5 & <=2.5	Pass
			20	NV	-27.30	-0.0078	>=-2.5 & <=2.5	Pass
			30	NV	-29.70	-0.0085	>=-2.5 & <=2.5	Pass
			40	NV	-24.00	-0.0069	>=-2.5 & <=2.5	Pass
			50	NV	-23.20	-0.0066	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-38.20	-0.0109	>=-2.5 & <=2.5	Pass
				HV	7.70	0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-17.60	-0.0050	>=-2.5 & <=2.5	Pass
			-20	NV	-18.30	-0.0052	>=-2.5 & <=2.5	Pass
			-10	NV	5.30	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-30.60	-0.0087	>=-2.5 & <=2.5	Pass
			10	NV	-31.30	-0.0089	>=-2.5 & <=2.5	Pass
			20	NV	-40.20	-0.0115	>=-2.5 & <=2.5	Pass
			30	NV	-24.40	-0.0070	>=-2.5 & <=2.5	Pass
			40	NV	-1.80	-0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-17.60	-0.0050	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-41.40	-0.0118	>=-2.5 & <=2.5	Pass
				HV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass

			-10	NV	-17.00	-0.0049	>=-2.5 & <=2.5	Pass
			0	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-19.60	-0.0056	>=-2.5 & <=2.5	Pass
			20	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-25.10	-0.0072	>=-2.5 & <=2.5	Pass
			40	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-15.90	-0.0045	>=-2.5 & <=2.5	Pass
				HV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-31.30	-0.0089	>=-2.5 & <=2.5	Pass
			-20	NV	-31.70	-0.0091	>=-2.5 & <=2.5	Pass
			-10	NV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-14.50	-0.0041	>=-2.5 & <=2.5	Pass
			10	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-16.60	-0.0047	>=-2.5 & <=2.5	Pass
			30	NV	-34.20	-0.0098	>=-2.5 & <=2.5	Pass
			40	NV	-23.50	-0.0067	>=-2.5 & <=2.5	Pass
			50	NV	-15.20	-0.0043	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-39.00	-0.0111	>=-2.5 & <=2.5	Pass
				HV	-16.40	-0.0047	>=-2.5 & <=2.5	Pass
			-30	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-5.00	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-21.80	-0.0062	>=-2.5 & <=2.5	Pass
			10	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	7.40	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-7.40	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-40.30	-0.0115	>=-2.5 & <=2.5	Pass

2.8 30k_SISO_90MHz

2.8.1 Test Result

5G NR n78(3450-3550MHz) SCS=30kHz SISO 90MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	17.70	0.0051	>=-2.5 & <=2.5	Pass
				HV	-21.00	-0.0060	>=-2.5 & <=2.5	Pass
			-30	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-22.30	-0.0064	>=-2.5 & <=2.5	Pass
			-10	NV	-36.20	-0.0103	>=-2.5 & <=2.5	Pass
			0	NV	-15.30	-0.0044	>=-2.5 & <=2.5	Pass
			10	NV	-24.50	-0.0070	>=-2.5 & <=2.5	Pass
			20	NV	-25.40	-0.0073	>=-2.5 & <=2.5	Pass
			30	NV	-24.30	-0.0069	>=-2.5 & <=2.5	Pass
			40	NV	-16.50	-0.0047	>=-2.5 & <=2.5	Pass
			50	NV	-30.90	-0.0088	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-24.00	-0.0069	>=-2.5 & <=2.5	Pass
			-20	NV	-34.50	-0.0099	>=-2.5 & <=2.5	Pass
			-10	NV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-30.00	-0.0086	>=-2.5 & <=2.5	Pass
			10	NV	-31.50	-0.0090	>=-2.5 & <=2.5	Pass

			20	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-15.70	-0.0045	>=-2.5 & <=2.5	Pass
			40	NV	-20.60	-0.0059	>=-2.5 & <=2.5	Pass
			50	NV	-16.20	-0.0046	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass
				HV	-31.00	-0.0089	>=-2.5 & <=2.5	Pass
			-30	NV	-19.90	-0.0057	>=-2.5 & <=2.5	Pass
			-20	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-25.70	-0.0073	>=-2.5 & <=2.5	Pass
			0	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-16.60	-0.0047	>=-2.5 & <=2.5	Pass
			20	NV	-26.20	-0.0075	>=-2.5 & <=2.5	Pass
			30	NV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-35.90	-0.0103	>=-2.5 & <=2.5	Pass
			50	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-16.10	-0.0046	>=-2.5 & <=2.5	Pass
				HV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-40.50	-0.0116	>=-2.5 & <=2.5	Pass
			-20	NV	-15.70	-0.0045	>=-2.5 & <=2.5	Pass
			-10	NV	-28.00	-0.0080	>=-2.5 & <=2.5	Pass
			0	NV	-3.80	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-36.60	-0.0105	>=-2.5 & <=2.5	Pass
			20	NV	-16.40	-0.0047	>=-2.5 & <=2.5	Pass
			30	NV	6.90	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-32.60	-0.0093	>=-2.5 & <=2.5	Pass
			50	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-24.80	-0.0071	>=-2.5 & <=2.5	Pass
				HV	-27.00	-0.0077	>=-2.5 & <=2.5	Pass
			-30	NV	-23.80	-0.0068	>=-2.5 & <=2.5	Pass
			-20	NV	-21.60	-0.0062	>=-2.5 & <=2.5	Pass
			-10	NV	-34.70	-0.0099	>=-2.5 & <=2.5	Pass
			0	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-38.70	-0.0111	>=-2.5 & <=2.5	Pass
			30	NV	-4.30	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-14.90	-0.0043	>=-2.5 & <=2.5	Pass
			50	NV	-15.10	-0.0043	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-13.40	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-16.90	-0.0048	>=-2.5 & <=2.5	Pass
			-20	NV	3.00	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			0	NV	-20.50	-0.0059	>=-2.5 & <=2.5	Pass
			10	NV	-15.40	-0.0044	>=-2.5 & <=2.5	Pass
			20	NV	-22.20	-0.0063	>=-2.5 & <=2.5	Pass
			30	NV	-25.00	-0.0071	>=-2.5 & <=2.5	Pass
			40	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-17.40	-0.0050	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-14.10	-0.0040	>=-2.5 & <=2.5	Pass
				HV	-32.50	-0.0093	>=-2.5 & <=2.5	Pass
			-30	NV	-25.10	-0.0072	>=-2.5 & <=2.5	Pass
			-20	NV	-33.40	-0.0095	>=-2.5 & <=2.5	Pass
			-10	NV	-22.20	-0.0063	>=-2.5 & <=2.5	Pass
			0	NV	-27.90	-0.0080	>=-2.5 & <=2.5	Pass
			10	NV	-13.50	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-13.50	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-18.20	-0.0052	>=-2.5 & <=2.5	Pass

			50	NV	-15.00	-0.0043	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-29.40	-0.0084	>=-2.5 & <=2.5	Pass
			-20	NV	-6.30	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-21.80	-0.0062	>=-2.5 & <=2.5	Pass
			0	NV	-29.40	-0.0084	>=-2.5 & <=2.5	Pass
			10	NV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
			20	NV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-22.70	-0.0065	>=-2.5 & <=2.5	Pass
			40	NV	-18.10	-0.0052	>=-2.5 & <=2.5	Pass
			50	NV	4.50	0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-38.90	-0.0111	>=-2.5 & <=2.5	Pass
				HV	-16.40	-0.0047	>=-2.5 & <=2.5	Pass
			-30	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-31.60	-0.0090	>=-2.5 & <=2.5	Pass
			20	NV	-13.20	-0.0038	>=-2.5 & <=2.5	Pass
			30	NV	-28.00	-0.0080	>=-2.5 & <=2.5	Pass
			40	NV	-27.30	-0.0078	>=-2.5 & <=2.5	Pass
			50	NV	-13.50	-0.0039	>=-2.5 & <=2.5	Pass

2.9 30k_SISO_100MHz

2.9.1 Test Result

5G NR n78(3450-3550MHz) SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	-20.20	-0.0058	>=-2.5 & <=2.5	Pass
				HV	-25.90	-0.0074	>=-2.5 & <=2.5	Pass
			-30	NV	-26.90	-0.0077	>=-2.5 & <=2.5	Pass
			-20	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			-10	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-14.70	-0.0042	>=-2.5 & <=2.5	Pass
			20	NV	-34.90	-0.0100	>=-2.5 & <=2.5	Pass
			30	NV	-20.90	-0.0060	>=-2.5 & <=2.5	Pass
			40	NV	-19.30	-0.0055	>=-2.5 & <=2.5	Pass
			50	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-20.60	-0.0059	>=-2.5 & <=2.5	Pass
			-30	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-20.90	-0.0060	>=-2.5 & <=2.5	Pass
			-10	NV	-25.70	-0.0073	>=-2.5 & <=2.5	Pass
			0	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-25.40	-0.0073	>=-2.5 & <=2.5	Pass
			20	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-17.20	-0.0049	>=-2.5 & <=2.5	Pass
			40	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-24.60	-0.0070	>=-2.5 & <=2.5	Pass
				HV	-33.10	-0.0095	>=-2.5 & <=2.5	Pass

			-30	NV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-19.20	-0.0055	>=-2.5 & <=2.5	Pass
			0	NV	-17.50	-0.0050	>=-2.5 & <=2.5	Pass
			10	NV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-22.70	-0.0065	>=-2.5 & <=2.5	Pass
			30	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-15.10	-0.0043	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-14.60	-0.0042	>=-2.5 & <=2.5	Pass
			-30	NV	-22.90	-0.0065	>=-2.5 & <=2.5	Pass
			-20	NV	-15.70	-0.0045	>=-2.5 & <=2.5	Pass
			-10	NV	-18.20	-0.0052	>=-2.5 & <=2.5	Pass
			0	NV	-22.50	-0.0064	>=-2.5 & <=2.5	Pass
			10	NV	-20.30	-0.0058	>=-2.5 & <=2.5	Pass
			20	NV	-3.00	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-27.20	-0.0078	>=-2.5 & <=2.5	Pass
			50	NV	-34.10	-0.0097	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-18.30	-0.0052	>=-2.5 & <=2.5	Pass
			-30	NV	-19.10	-0.0055	>=-2.5 & <=2.5	Pass
			-20	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-26.40	-0.0075	>=-2.5 & <=2.5	Pass
			0	NV	-19.60	-0.0056	>=-2.5 & <=2.5	Pass
			10	NV	-15.40	-0.0044	>=-2.5 & <=2.5	Pass
			20	NV	-21.60	-0.0062	>=-2.5 & <=2.5	Pass
			30	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-7.40	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-8.00	-0.0023	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-20.10	-0.0057	>=-2.5 & <=2.5	Pass
				HV	-24.60	-0.0070	>=-2.5 & <=2.5	Pass
			-30	NV	-17.50	-0.0050	>=-2.5 & <=2.5	Pass
			-20	NV	-8.10	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-17.00	-0.0049	>=-2.5 & <=2.5	Pass
			10	NV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-19.50	-0.0056	>=-2.5 & <=2.5	Pass
			40	NV	-15.10	-0.0043	>=-2.5 & <=2.5	Pass
			50	NV	-18.10	-0.0052	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-6.70	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-16.20	-0.0046	>=-2.5 & <=2.5	Pass
			-30	NV	-20.60	-0.0059	>=-2.5 & <=2.5	Pass
			-20	NV	-27.40	-0.0078	>=-2.5 & <=2.5	Pass
			-10	NV	-34.00	-0.0097	>=-2.5 & <=2.5	Pass
			0	NV	-28.10	-0.0080	>=-2.5 & <=2.5	Pass
			10	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-24.80	-0.0071	>=-2.5 & <=2.5	Pass
			30	NV	-17.50	-0.0050	>=-2.5 & <=2.5	Pass
			40	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-18.10	-0.0052	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-22.10	-0.0063	>=-2.5 & <=2.5	Pass
				HV	-20.10	-0.0057	>=-2.5 & <=2.5	Pass
			-30	NV	-16.80	-0.0048	>=-2.5 & <=2.5	Pass
			-20	NV	-21.20	-0.0061	>=-2.5 & <=2.5	Pass
			-10	NV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass

			0	NV	-27.60	-0.0079	>=-2.5 & <=2.5	Pass
			10	NV	-20.00	-0.0057	>=-2.5 & <=2.5	Pass
			20	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-23.20	-0.0066	>=-2.5 & <=2.5	Pass
			40	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-24.10	-0.0069	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-14.10	-0.0040	>=-2.5 & <=2.5	Pass
				HV	-24.80	-0.0071	>=-2.5 & <=2.5	Pass
			-30	NV	-14.70	-0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	-25.20	-0.0072	>=-2.5 & <=2.5	Pass
			-10	NV	-15.70	-0.0045	>=-2.5 & <=2.5	Pass
			0	NV	-24.60	-0.0070	>=-2.5 & <=2.5	Pass
			10	NV	-14.60	-0.0042	>=-2.5 & <=2.5	Pass
			20	NV	-18.10	-0.0052	>=-2.5 & <=2.5	Pass
			30	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-5.80	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-17.20	-0.0049	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

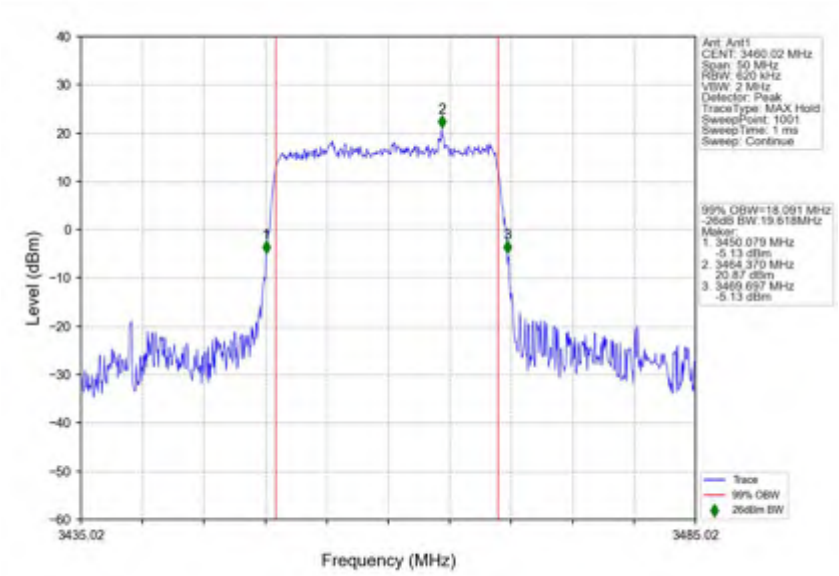
3.1 30k_SISO_20MHz_NTNV

3.1.1 Test Result

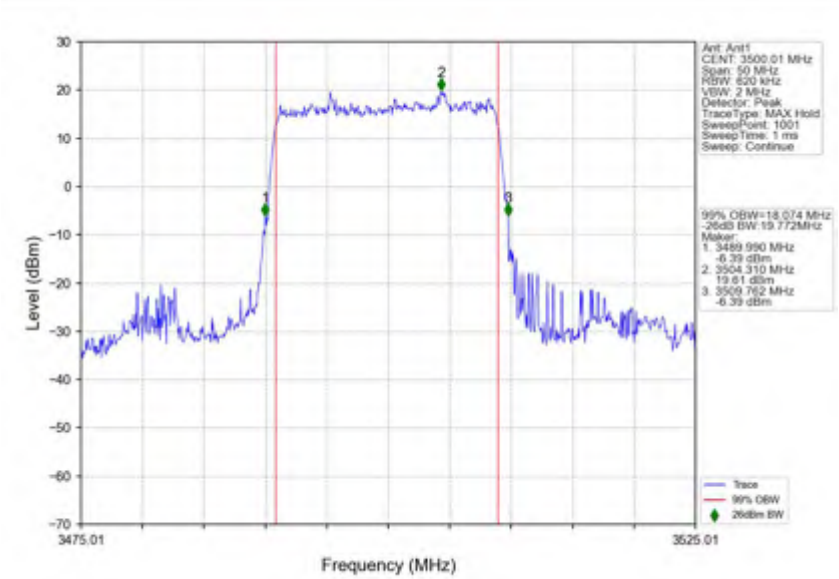
5G NR n78(3450-3550MHz) SCS=30kHz SISO 20MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3460.02	Outer_Full	18.09	19.62	/	Pass
	3500.01	Outer_Full	18.07	19.77	/	Pass
	3540	Outer_Full	18.09	19.64	/	Pass
DFT-s-OFDM QPSK	3460.02	Outer_Full	18.06	19.68	/	Pass
	3500.01	Outer_Full	18.12	19.89	/	Pass
	3540	Outer_Full	18.11	19.68	/	Pass
DFT-s-OFDM 16 QAM	3460.02	Outer_Full	18.11	19.57	/	Pass
	3500.01	Outer_Full	18.10	19.74	/	Pass
	3540	Outer_Full	18.15	19.83	/	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer_Full	18.07	19.69	/	Pass
	3500.01	Outer_Full	18.06	19.62	/	Pass
	3540	Outer_Full	18.09	19.66	/	Pass
DFT-s-OFDM 256 QAM	3460.02	Outer_Full	18.05	19.71	/	Pass
	3500.01	Outer_Full	18.07	19.68	/	Pass
	3540	Outer_Full	18.24	19.77	/	Pass
CP-OFDM QPSK	3460.02	Outer_Full	18.33	19.62	/	Pass
	3500.01	Outer_Full	18.39	19.65	/	Pass
	3540	Outer_Full	18.38	19.72	/	Pass
CP-OFDM 16 QAM	3460.02	Outer_Full	18.40	20.07	/	Pass
	3500.01	Outer_Full	18.34	20.00	/	Pass
	3540	Outer_Full	18.50	19.82	/	Pass
CP-OFDM 64 QAM	3460.02	Outer_Full	18.46	20.17	/	Pass
	3500.01	Outer_Full	18.40	20.07	/	Pass
	3540	Outer_Full	18.43	20.11	/	Pass
CP-OFDM 256 QAM	3460.02	Outer_Full	18.32	19.79	/	Pass
	3500.01	Outer_Full	18.43	20.04	/	Pass
	3540	Outer_Full	18.42	20.17	/	Pass

3.1.2 Test Graph

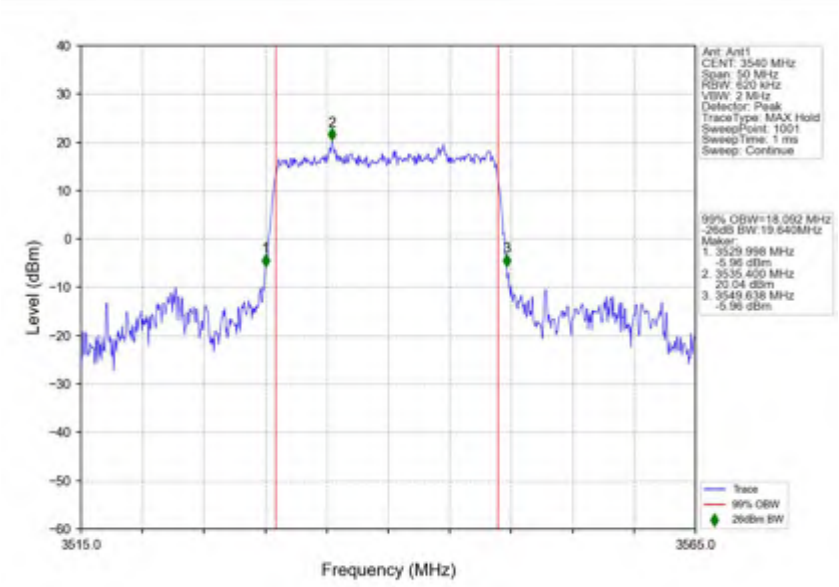
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3460.02MHz_Outer_Full



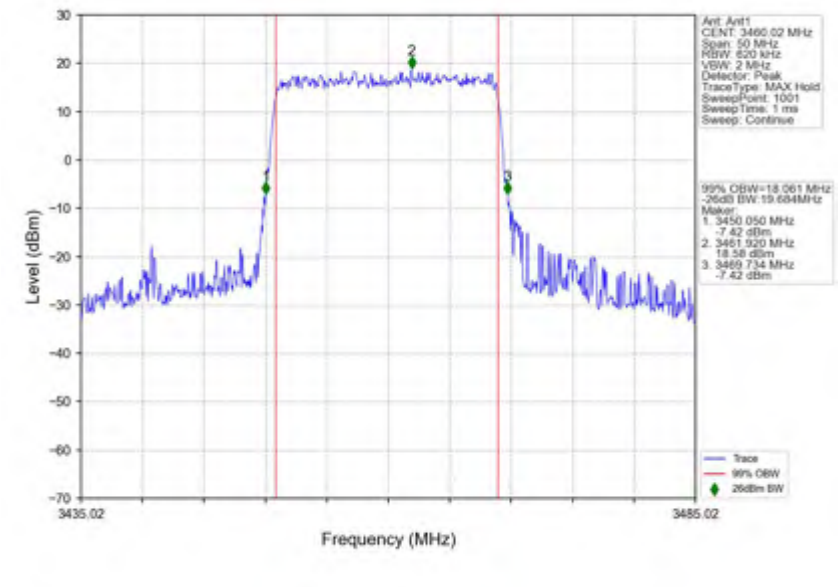
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full



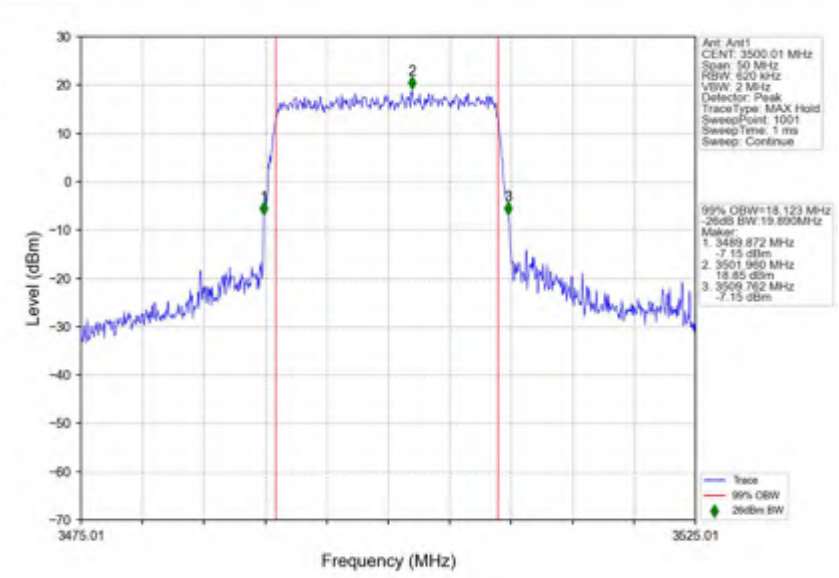
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3540MHz_Outer_Full



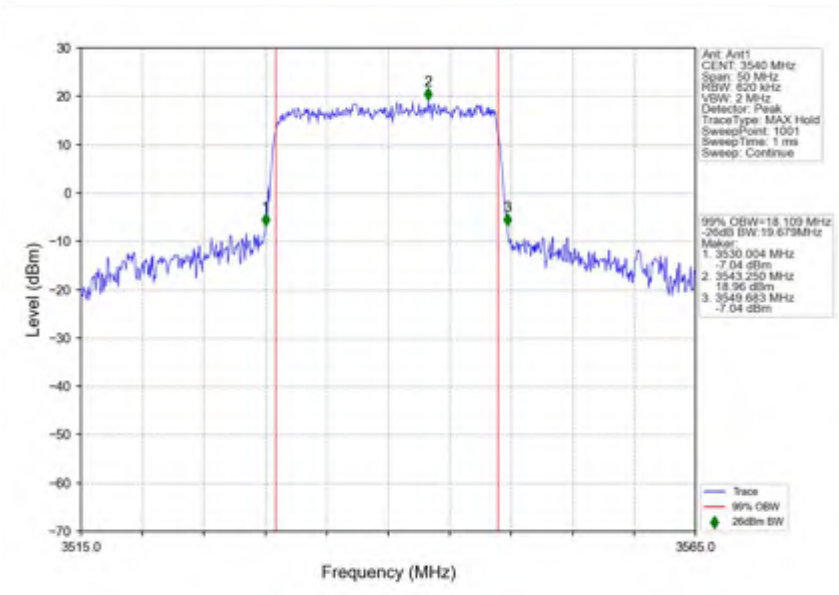
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3460.02MHz_Outer_Full



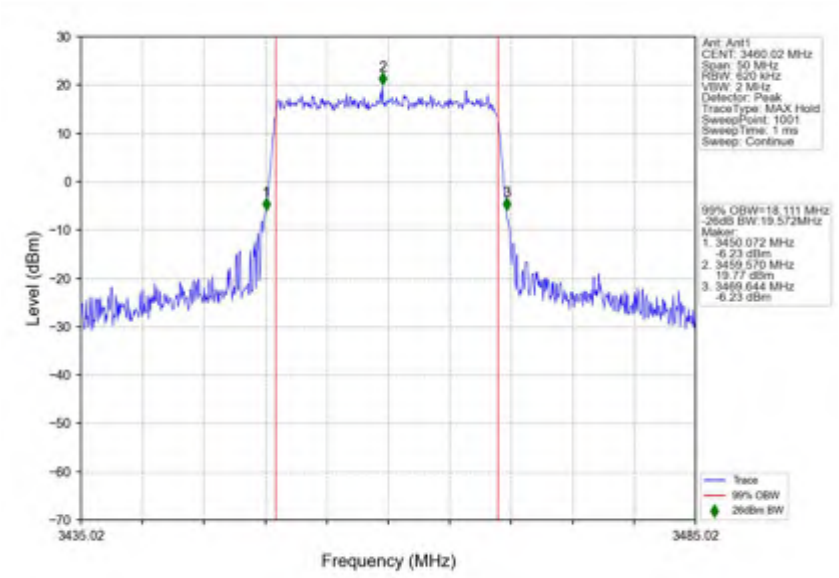
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full



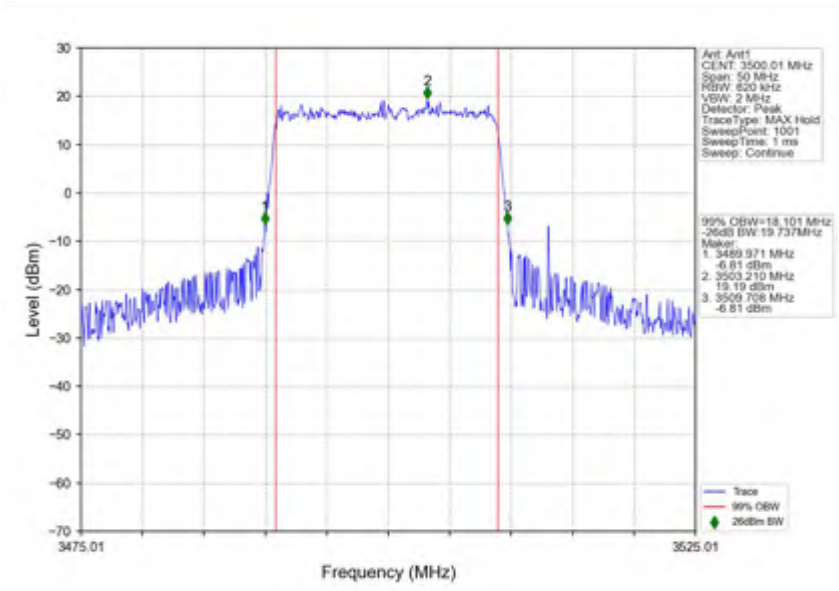
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3540MHz_Outer_Full



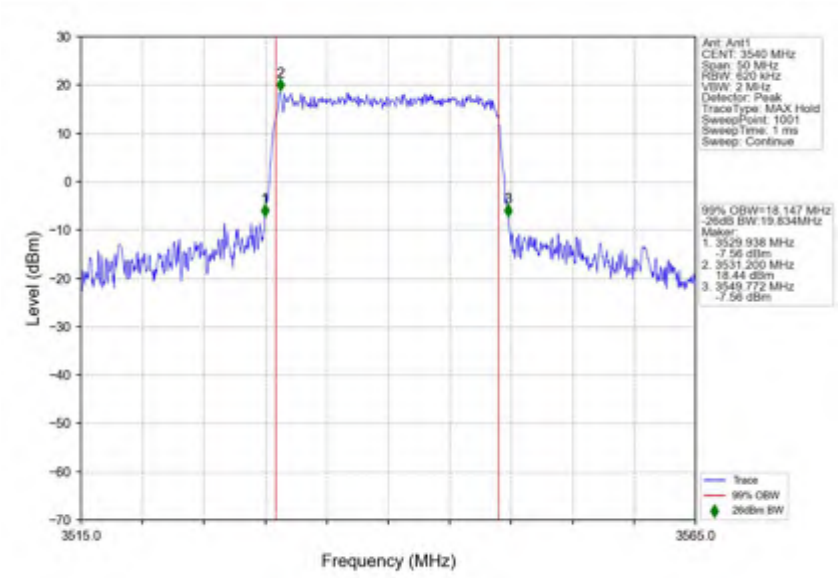
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3460.02MHz_Outer_Full



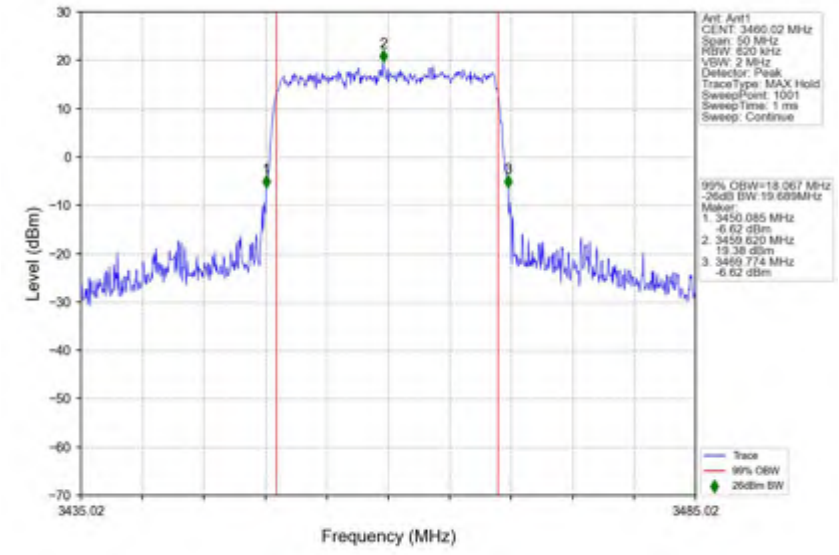
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full



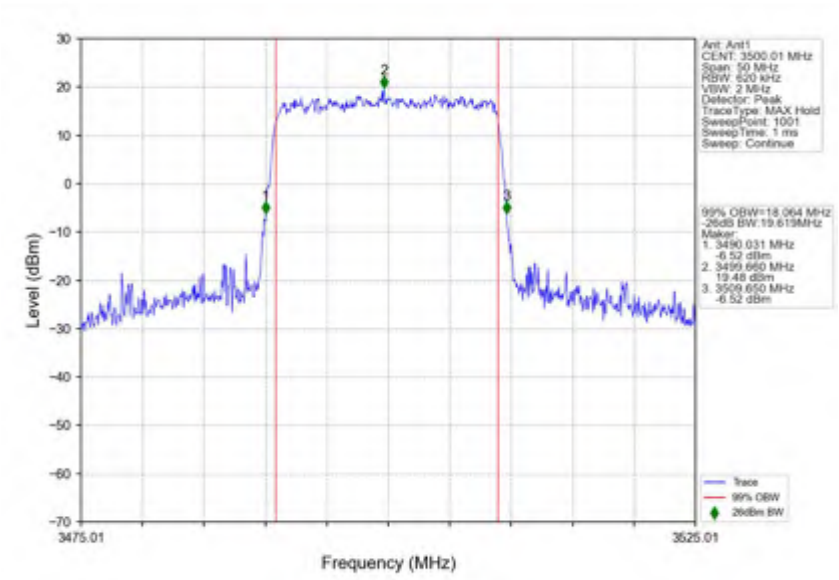
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3540MHz_Outer_Full



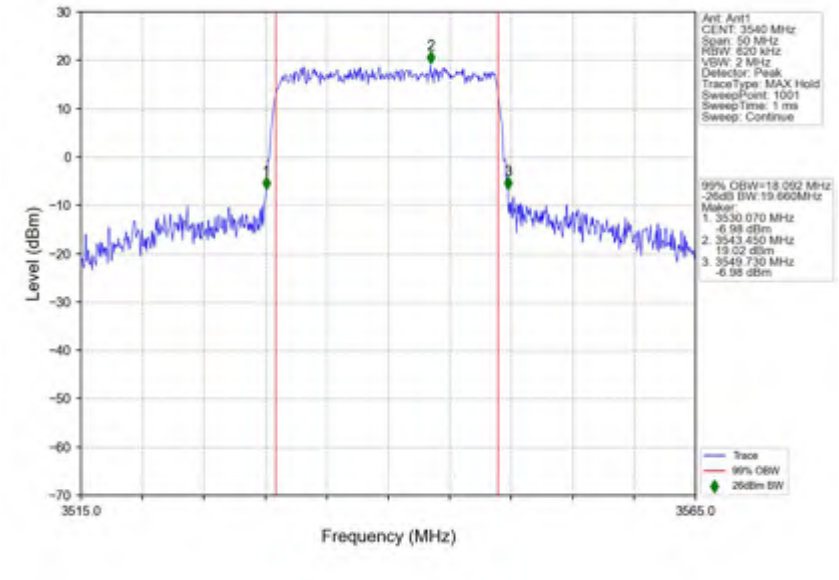
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3460.02MHz_Outer_Full



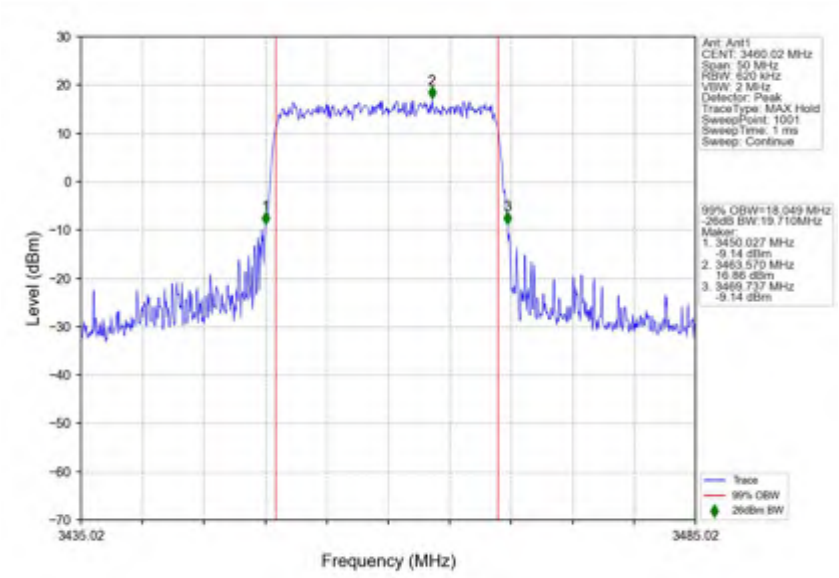
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full



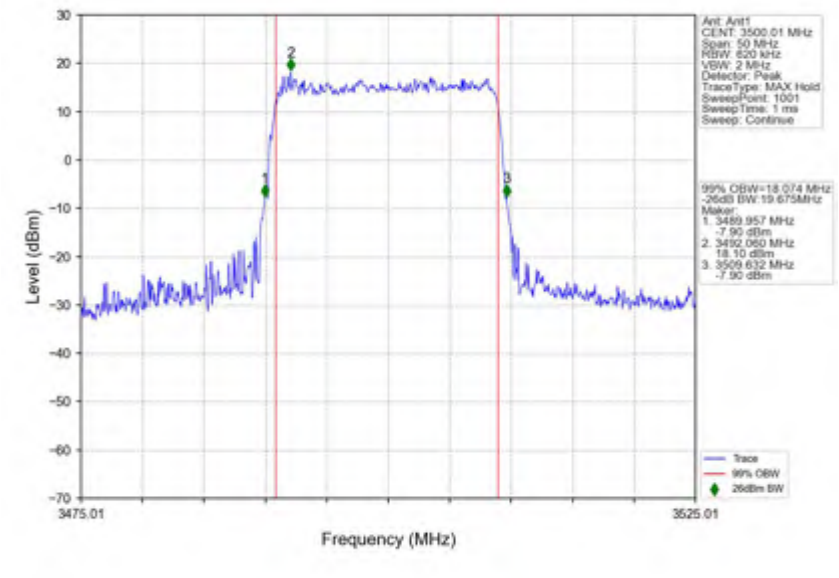
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3540MHz_Outer_Full



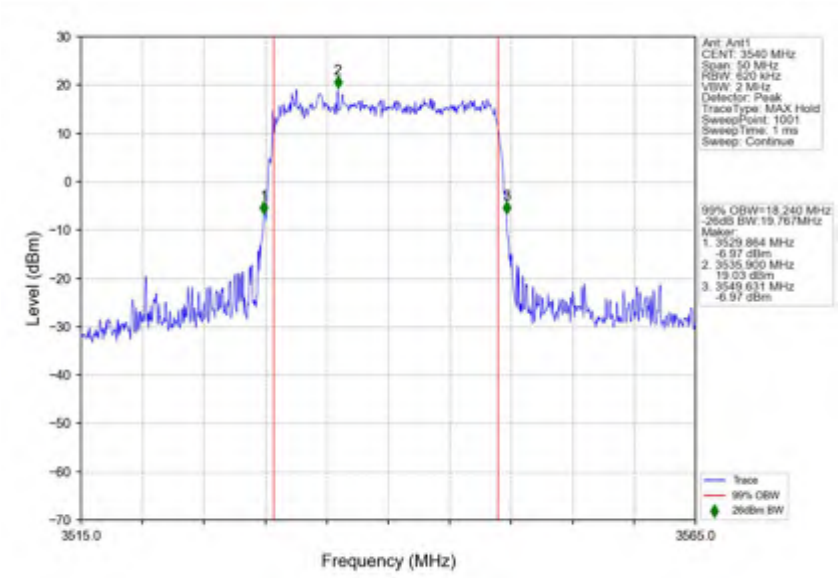
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3460.02MHz_Outer_Full



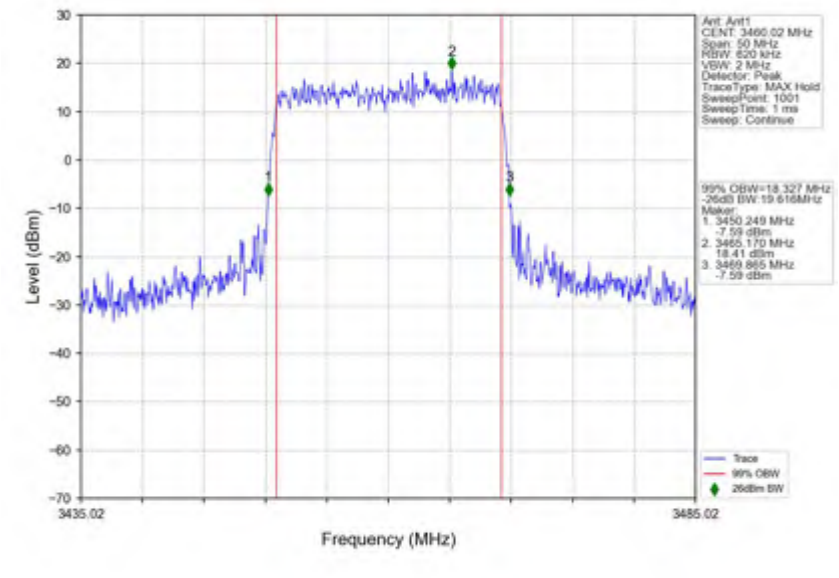
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3500.01MHz_Outer_Full



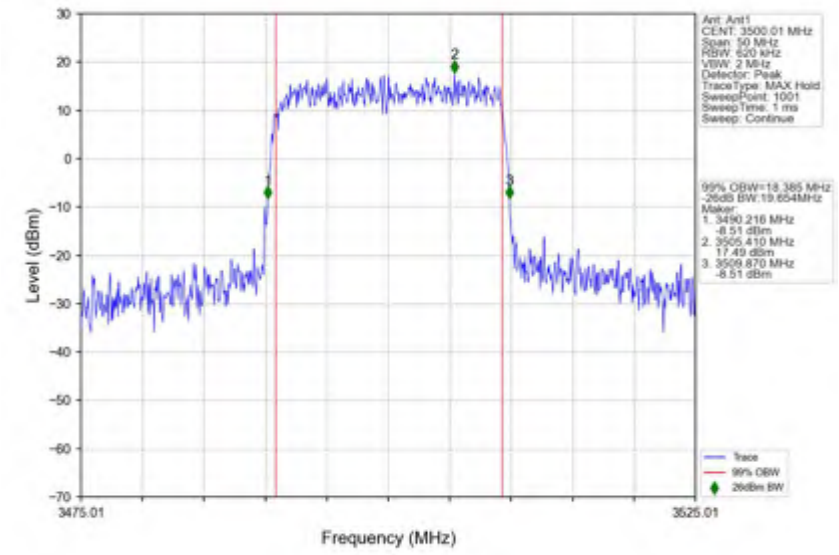
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3540MHz_Outer_Full



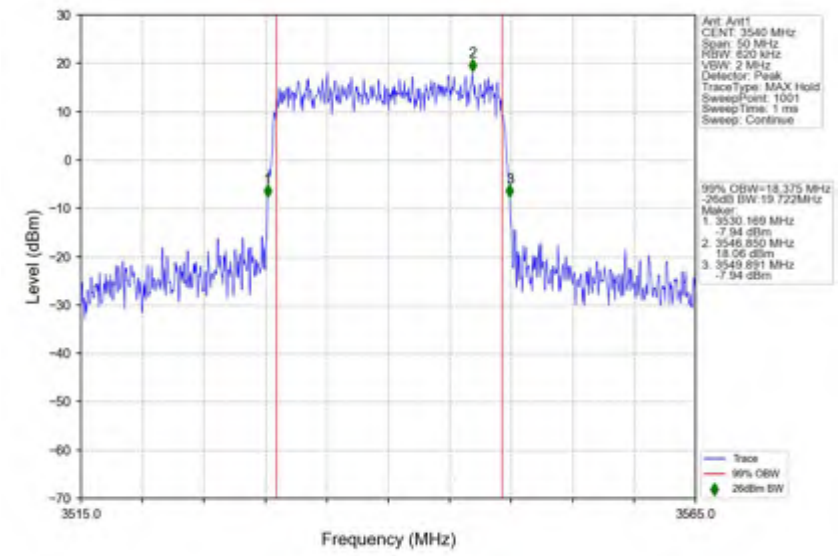
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3460.02MHz_Outer_Full



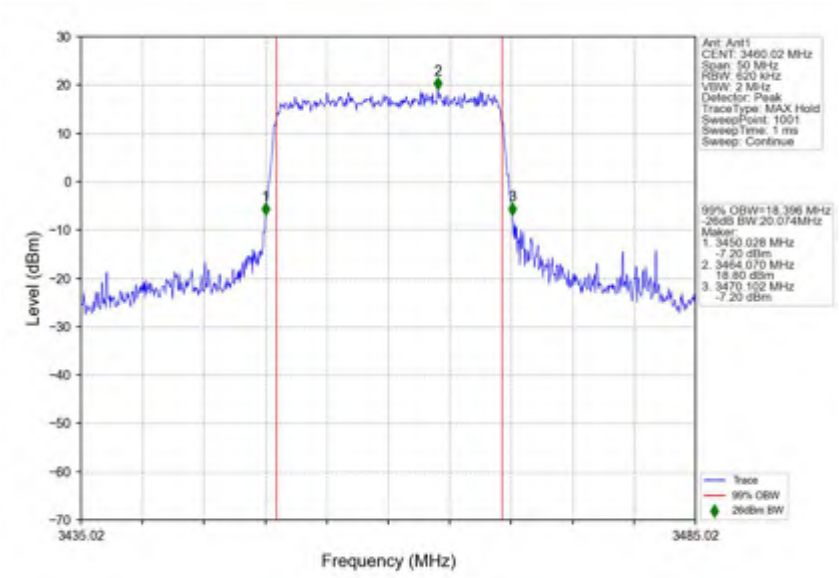
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full



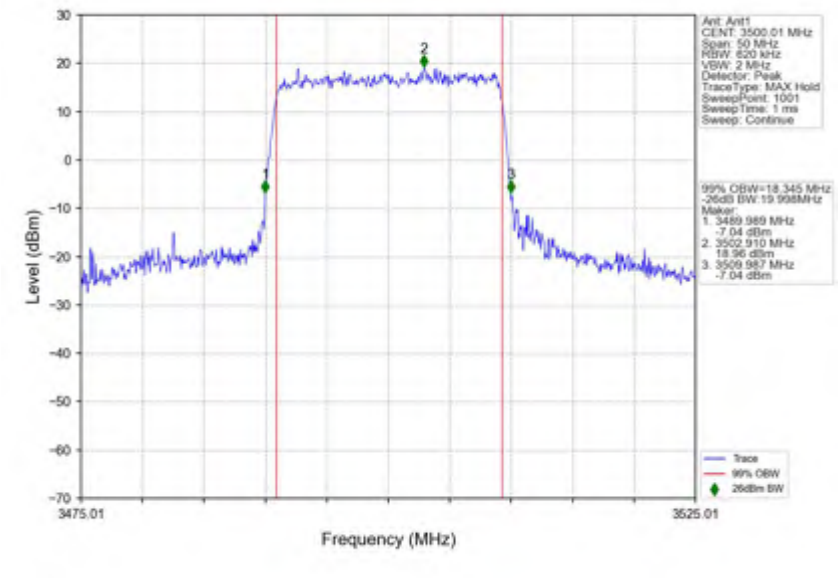
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Outer_Full



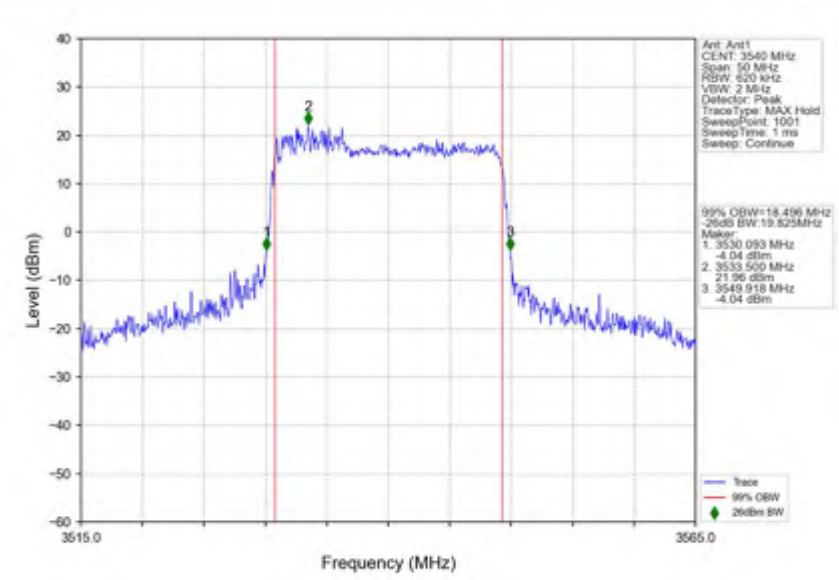
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3460.02MHz_Outer_Full



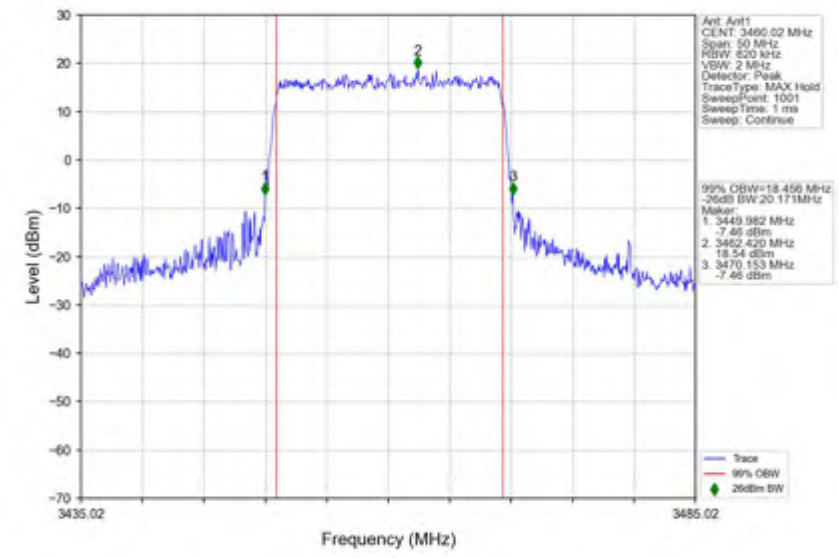
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full



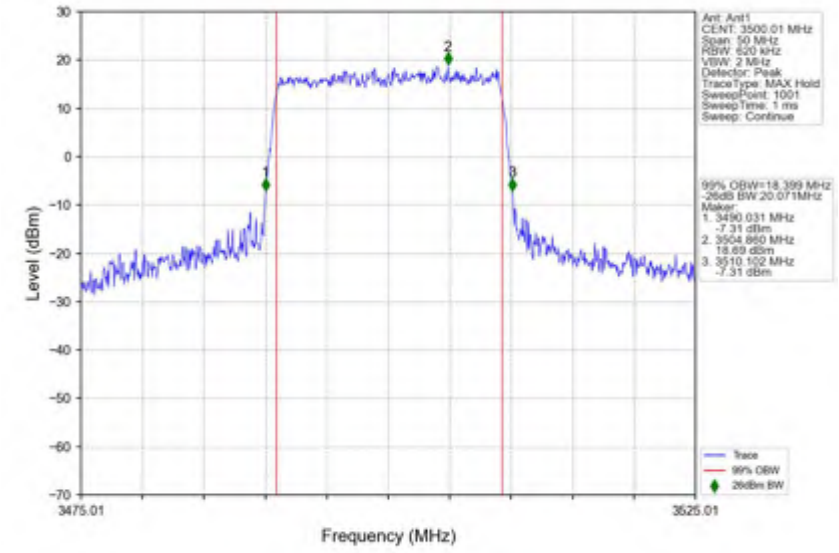
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3540MHz_Outer_Full



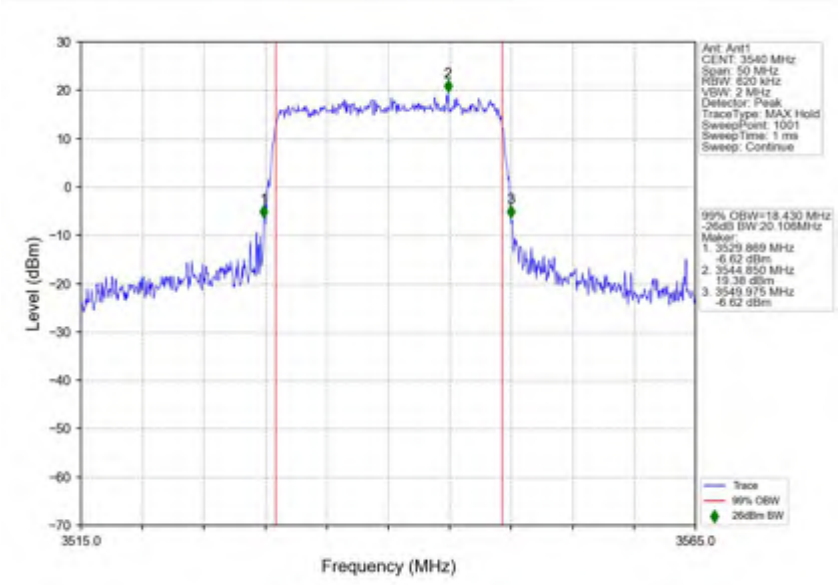
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3460.02MHz_Outer_Full



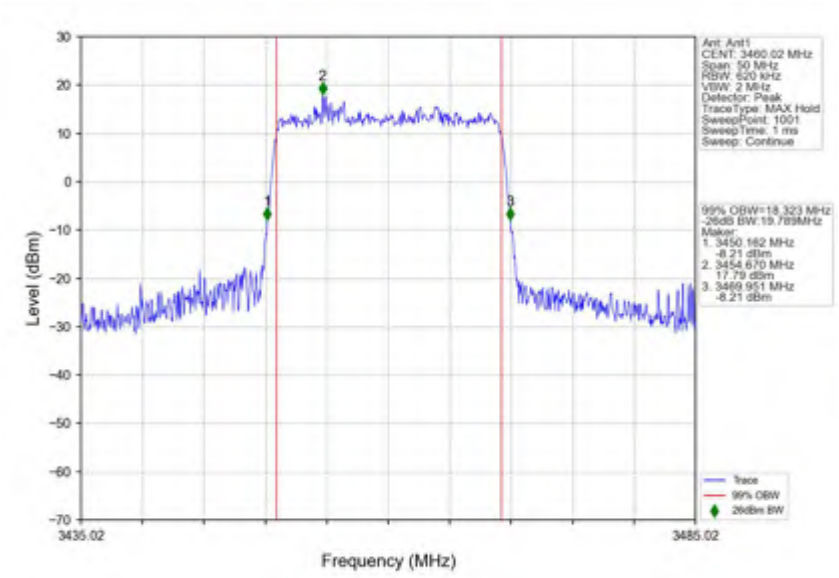
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full



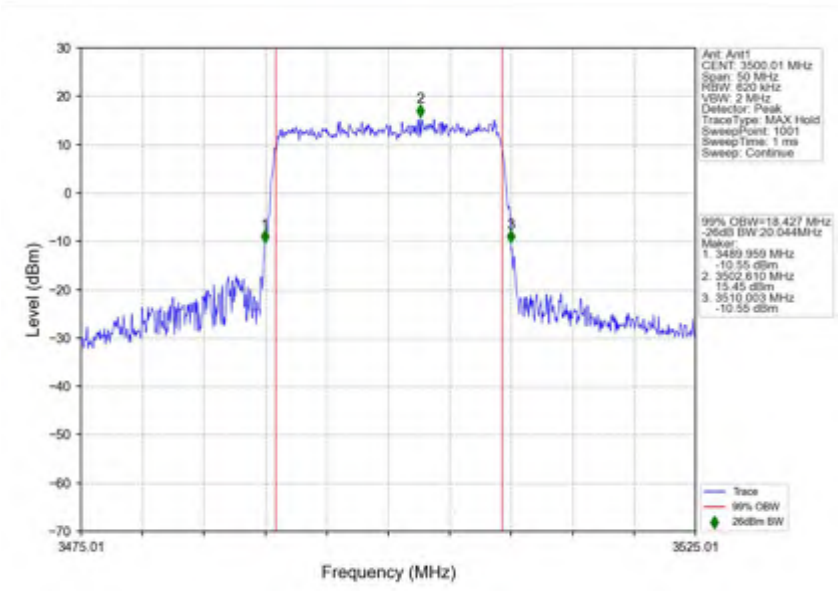
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3540MHz_Outer_Full



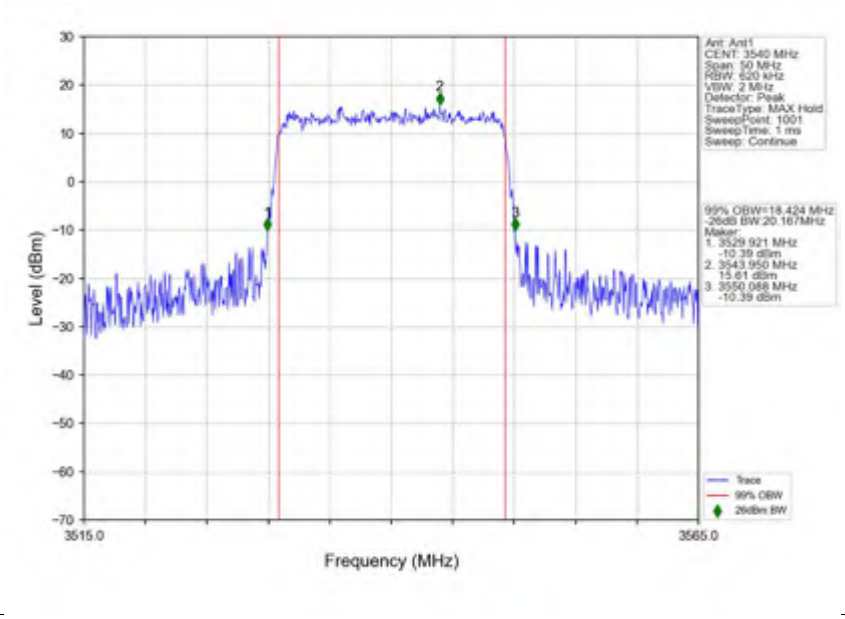
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3460.02MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3540MHz_Outer_Full



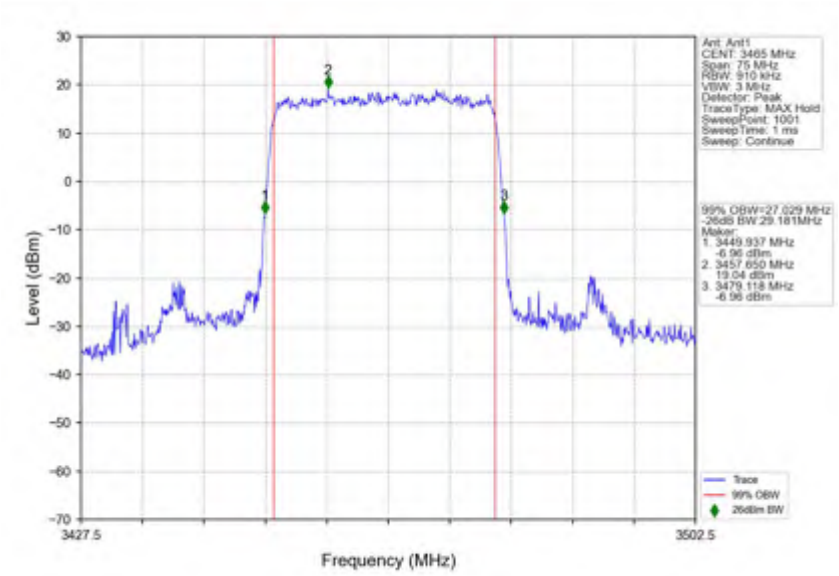
3.2 30k_SISO_30MHz_NTNV

3.2.1 Test Result

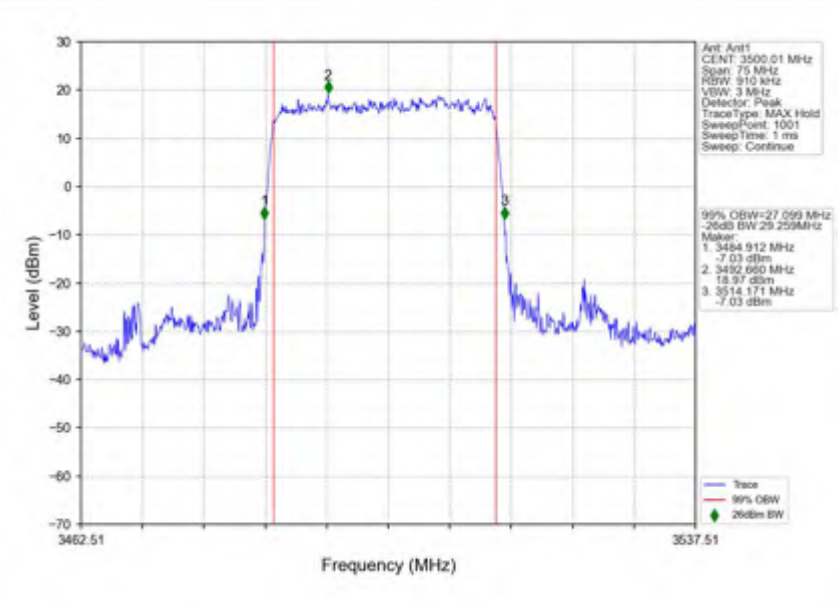
5G NR n78(3450-3550MHz) SCS=30kHz SISO 30MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3465	Outer_Full	27.03	29.18	/	Pass
	3500.01	Outer_Full	27.10	29.26	/	Pass
	3534.99	Outer_Full	27.06	29.09	/	Pass
DFT-s-OFDM QPSK	3465	Outer_Full	27.07	29.15	/	Pass
	3500.01	Outer_Full	27.07	29.35	/	Pass
	3534.99	Outer_Full	27.07	29.36	/	Pass
DFT-s-OFDM 16 QAM	3465	Outer_Full	27.13	29.30	/	Pass
	3500.01	Outer_Full	27.11	29.31	/	Pass
	3534.99	Outer_Full	27.10	29.20	/	Pass
DFT-s-OFDM 64 QAM	3465	Outer_Full	27.12	29.22	/	Pass
	3500.01	Outer_Full	27.10	29.36	/	Pass
	3534.99	Outer_Full	27.15	29.30	/	Pass
DFT-s-OFDM 256 QAM	3465	Outer_Full	27.09	28.86	/	Pass
	3500.01	Outer_Full	27.05	28.95	/	Pass
	3534.99	Outer_Full	27.05	28.94	/	Pass
CP-OFDM QPSK	3465	Outer_Full	28.12	29.90	/	Pass
	3500.01	Outer_Full	28.27	30.14	/	Pass
	3534.99	Outer_Full	28.23	32.05	/	Pass
CP-OFDM 16 QAM	3465	Outer_Full	28.07	30.25	/	Pass
	3500.01	Outer_Full	28.16	30.18	/	Pass
	3534.99	Outer_Full	28.09	30.28	/	Pass
CP-OFDM 64 QAM	3465	Outer_Full	28.07	30.14	/	Pass
	3500.01	Outer_Full	28.11	30.24	/	Pass
	3534.99	Outer_Full	28.09	30.29	/	Pass
CP-OFDM 256 QAM	3465	Outer_Full	28.03	30.08	/	Pass
	3500.01	Outer_Full	28.16	30.02	/	Pass
	3534.99	Outer_Full	28.10	30.25	/	Pass

3.2.2 Test Graph

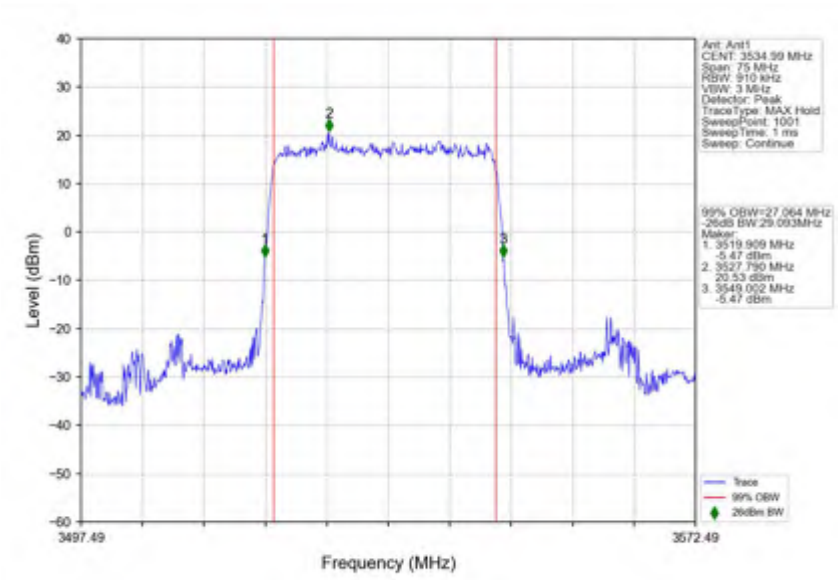
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3465MHz_Outer_Full



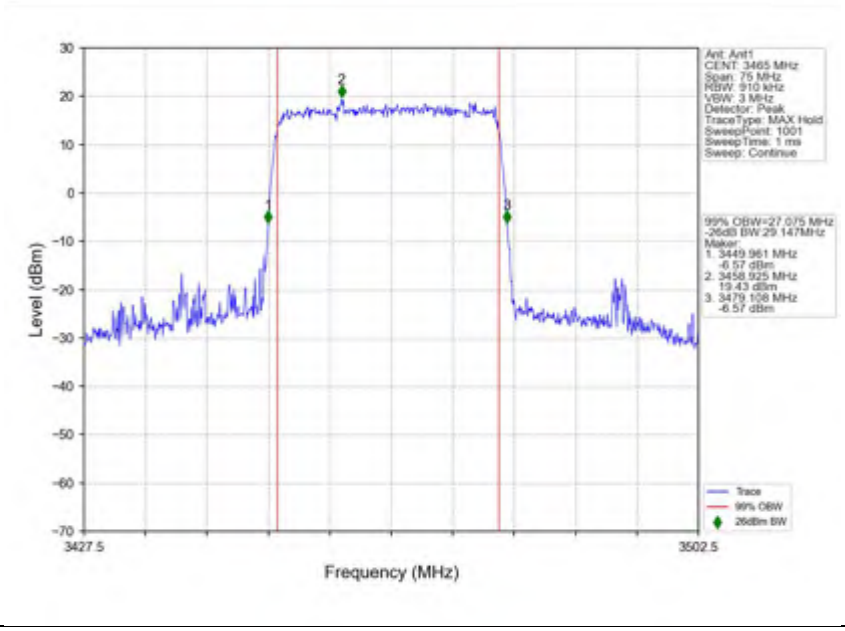
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full



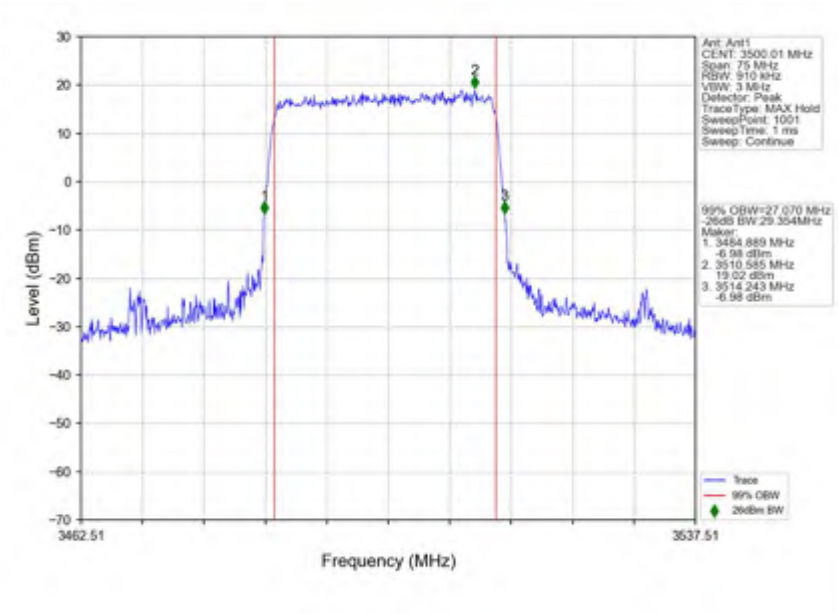
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3534.99MHz_Outer_Full



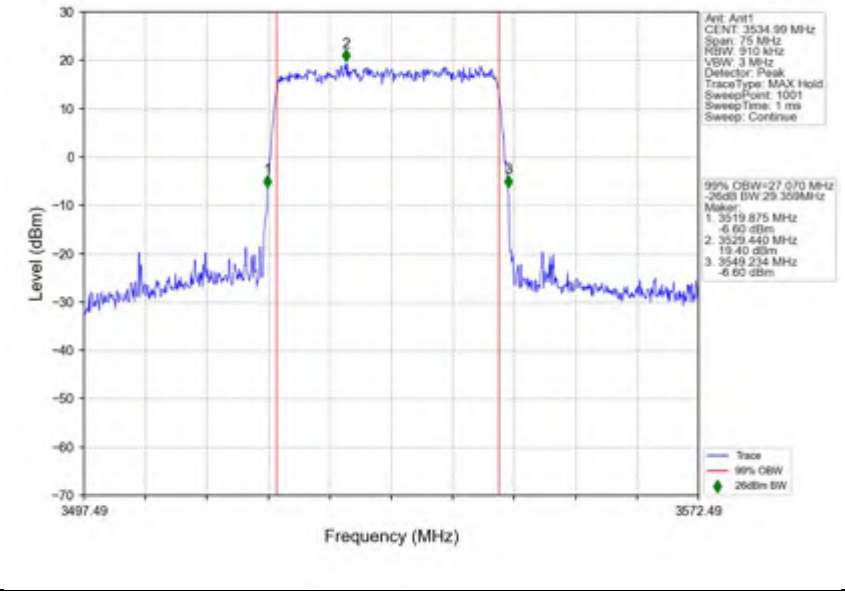
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3465MHz_Outer_Full



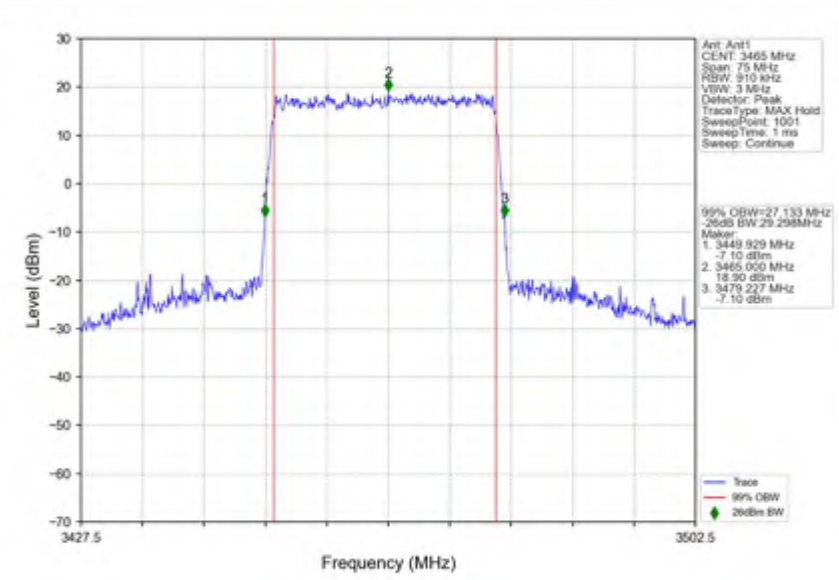
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full



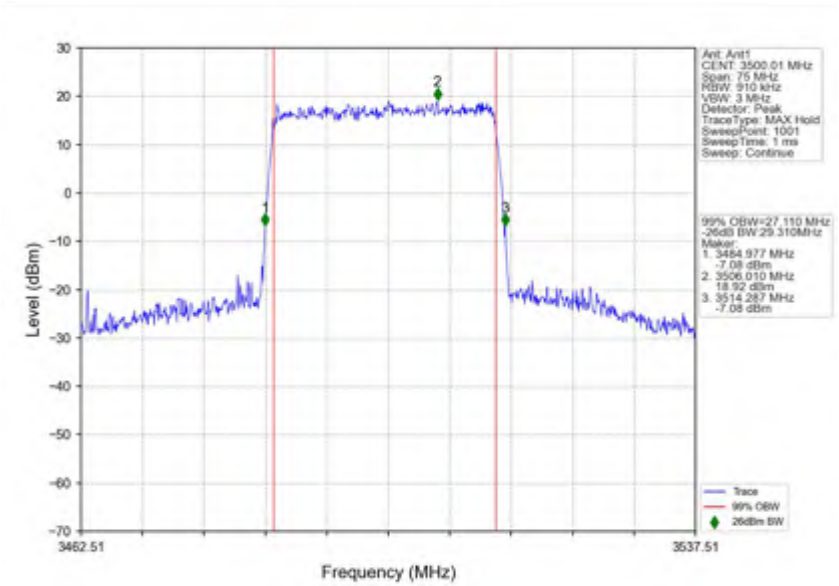
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3534.99MHz_Outer_Full



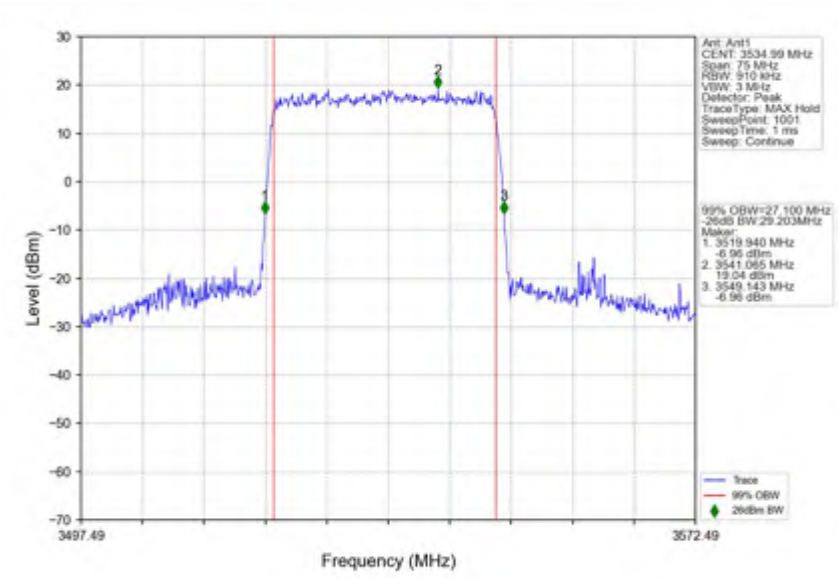
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3465MHz_Outer_Full



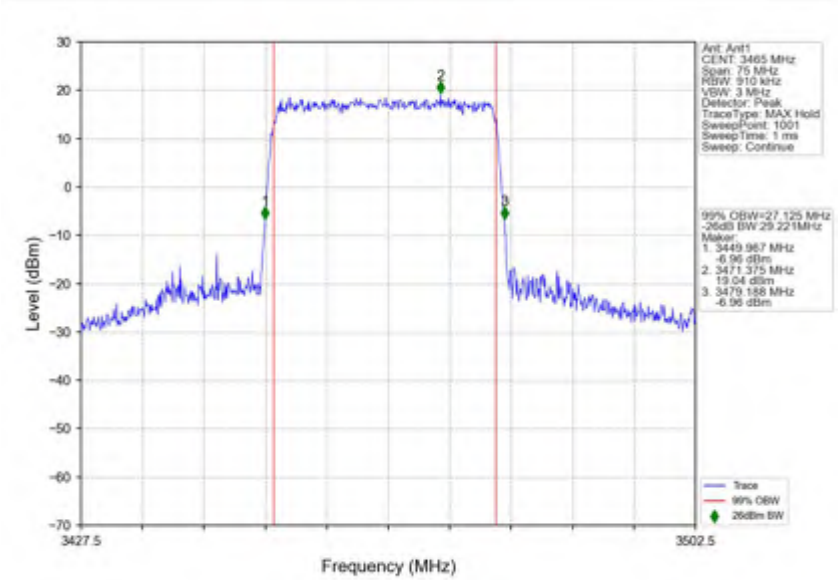
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full



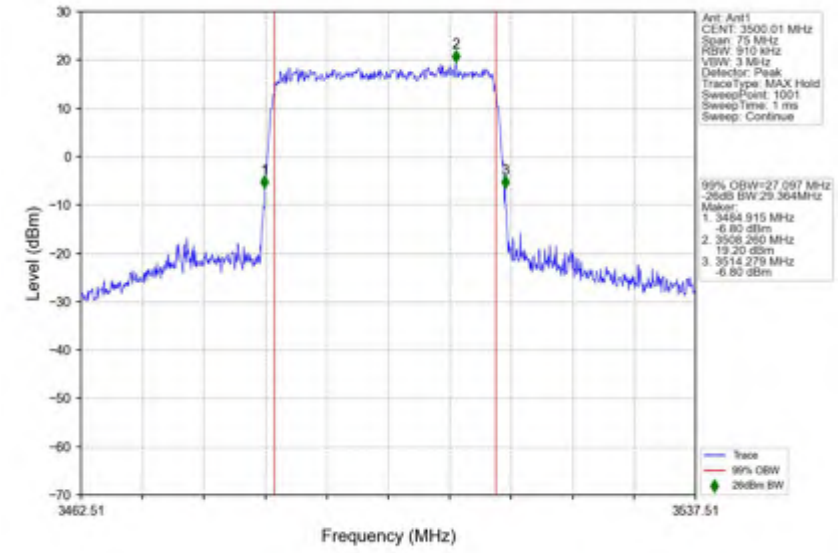
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3534.99MHz_Outer_Full



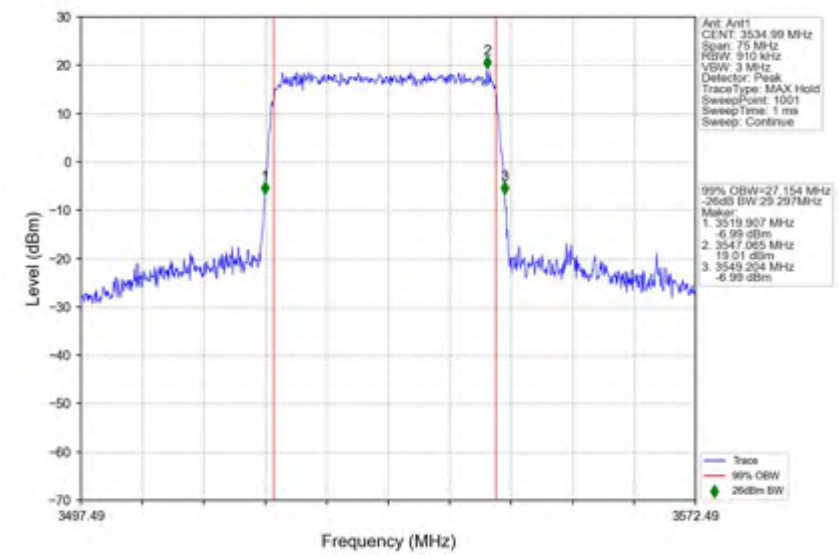
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3465MHz_Outer_Full



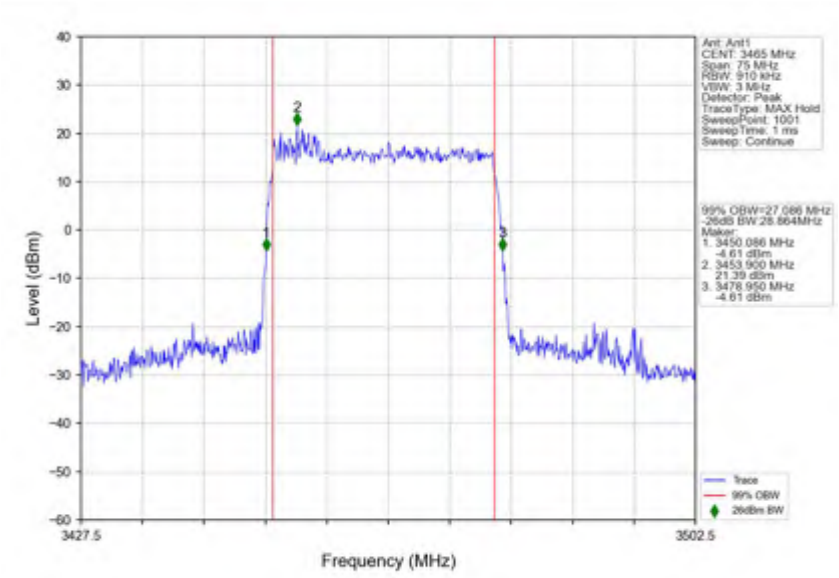
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full



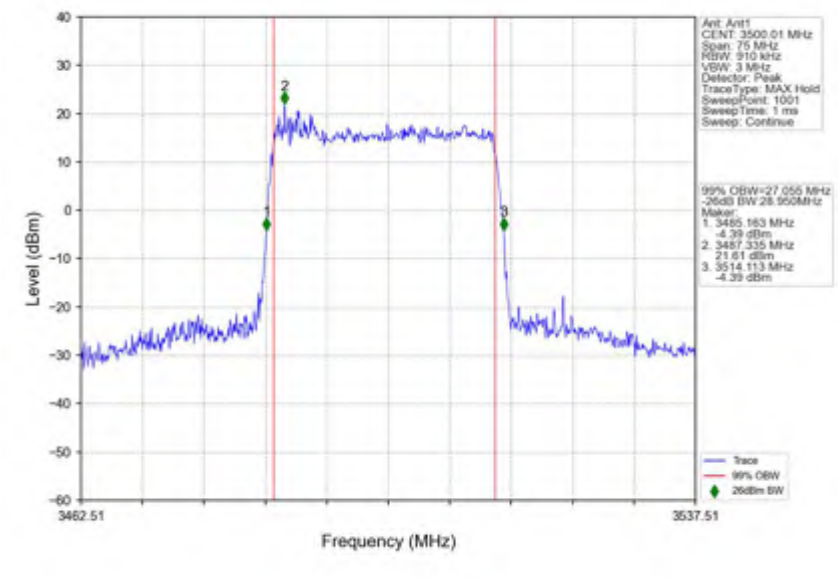
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3534.99MHz_Outer_Full



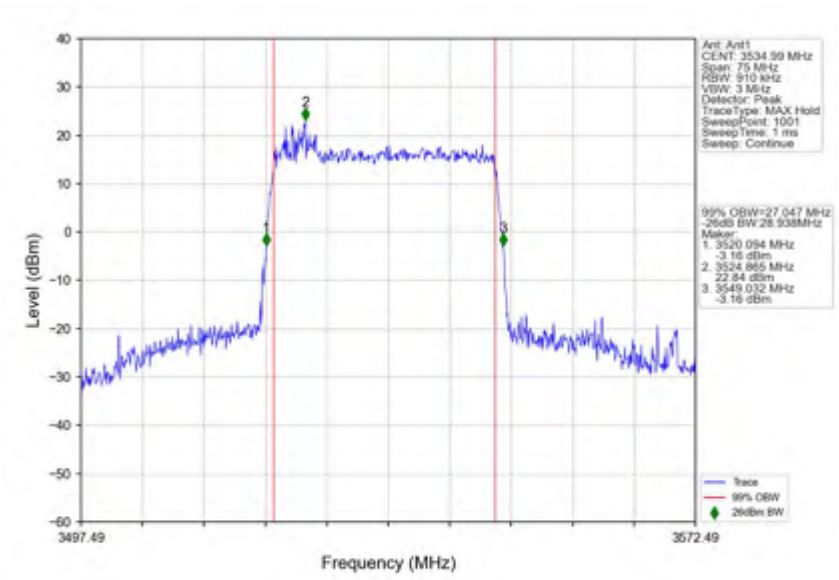
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3465MHz_Outer_Full



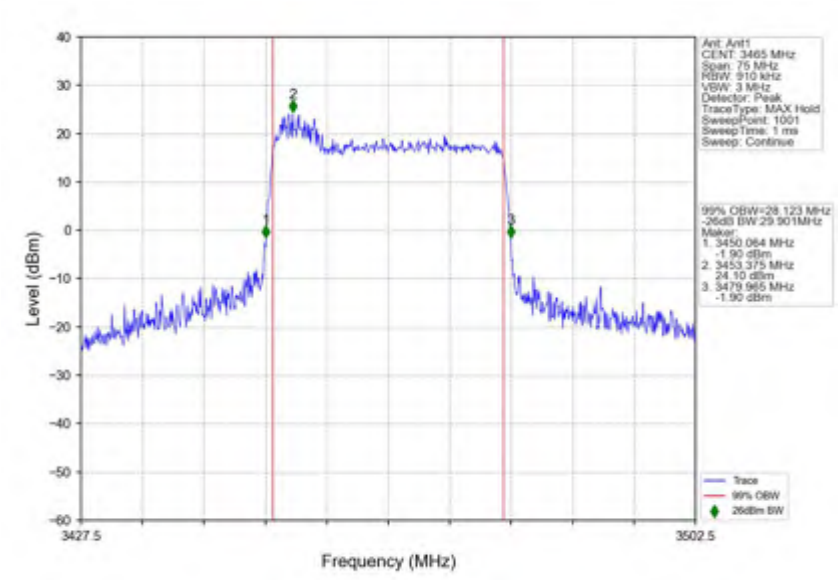
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3500.01MHz_Outer_Full



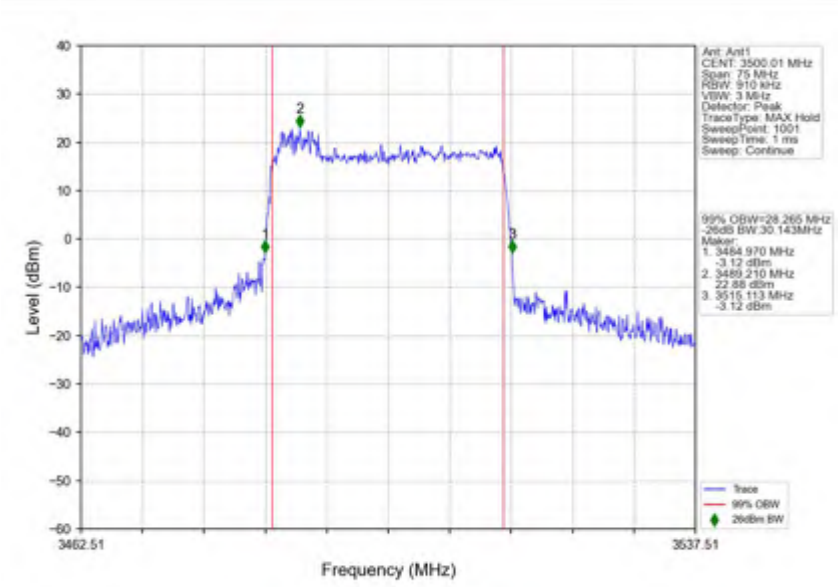
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3534.99MHz_Outer_Full



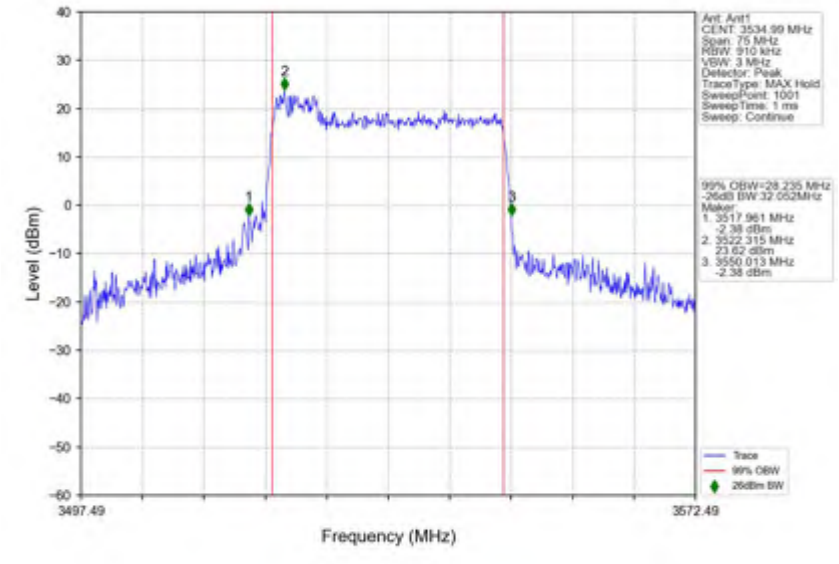
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3465MHz_Outer_Full



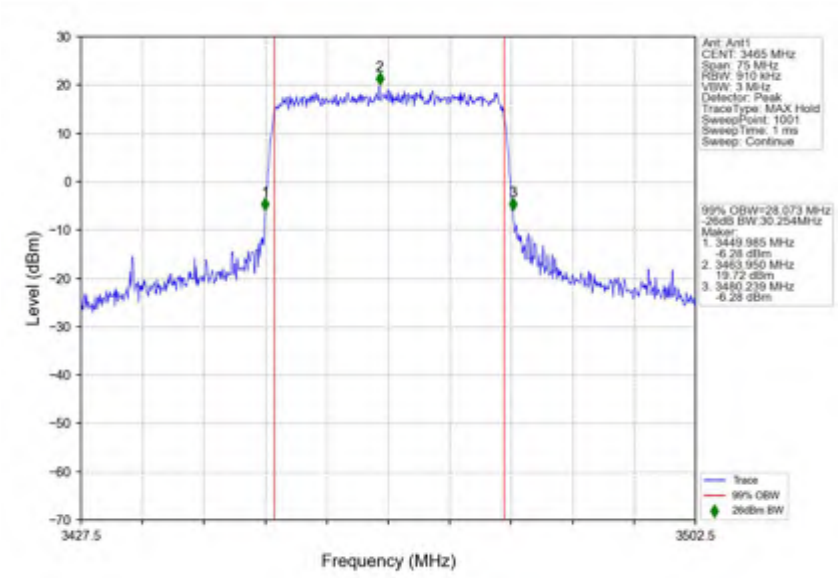
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full



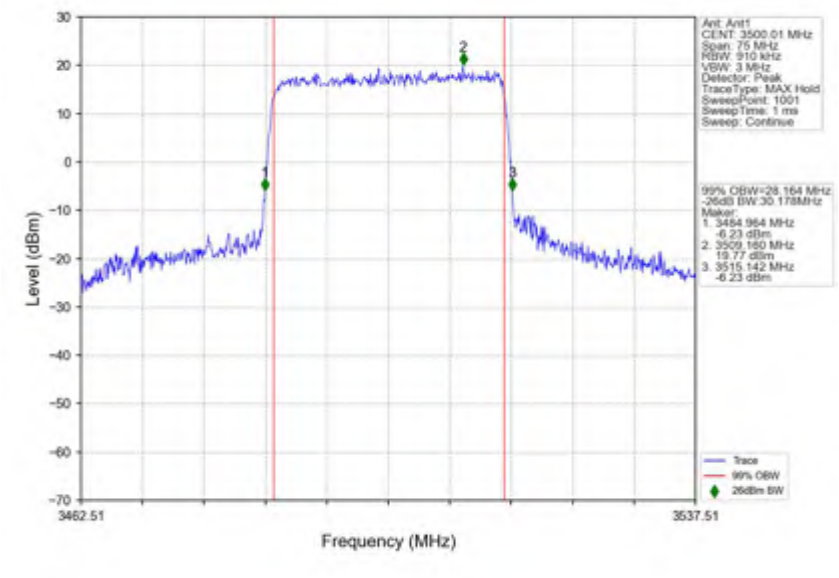
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3534.99MHz_Outer_Full



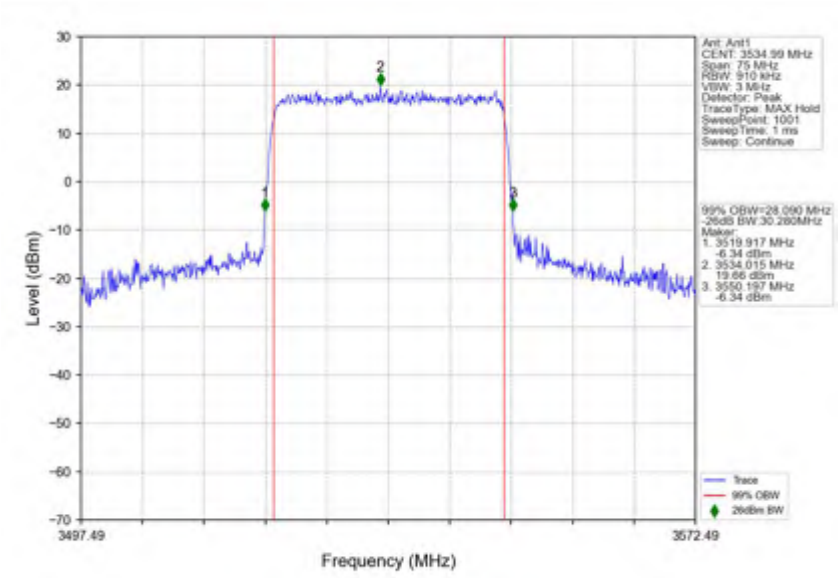
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_3465MHz_Outer_Full



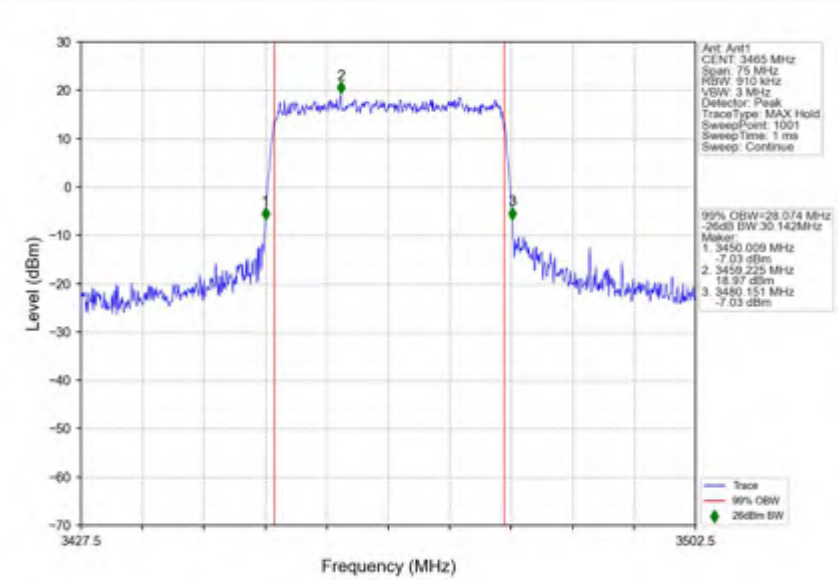
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full



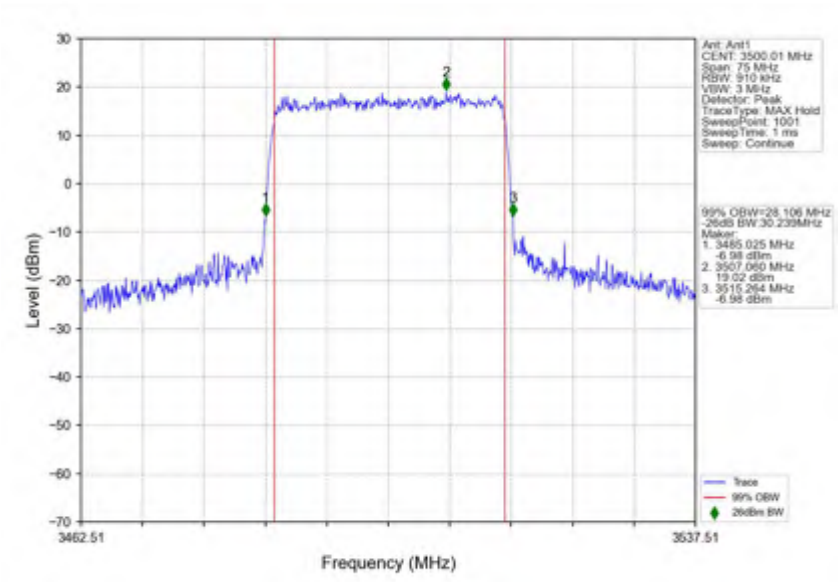
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_3534.99MHz_Outer_Full



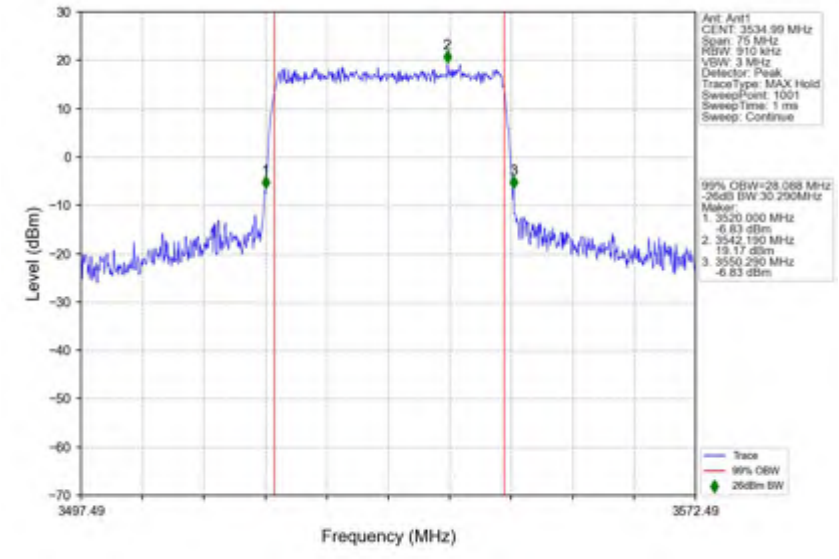
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3465MHz_Outer_Full



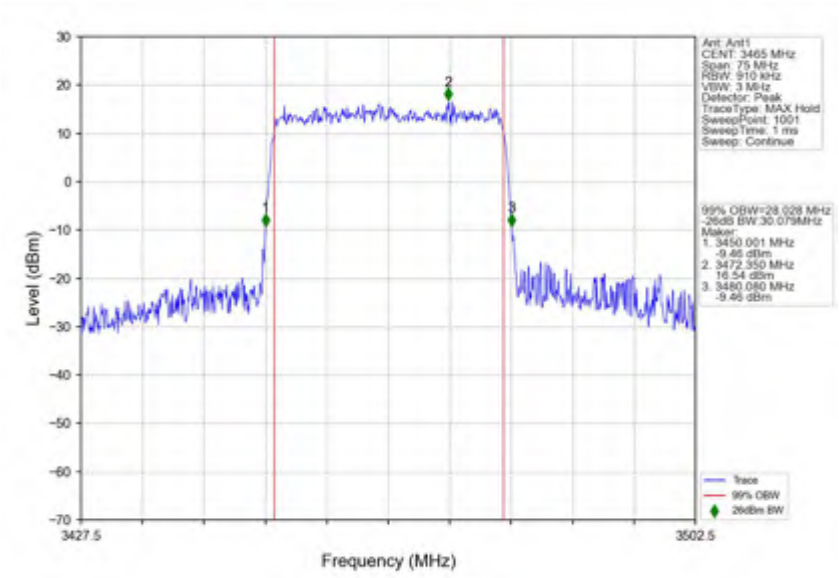
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full



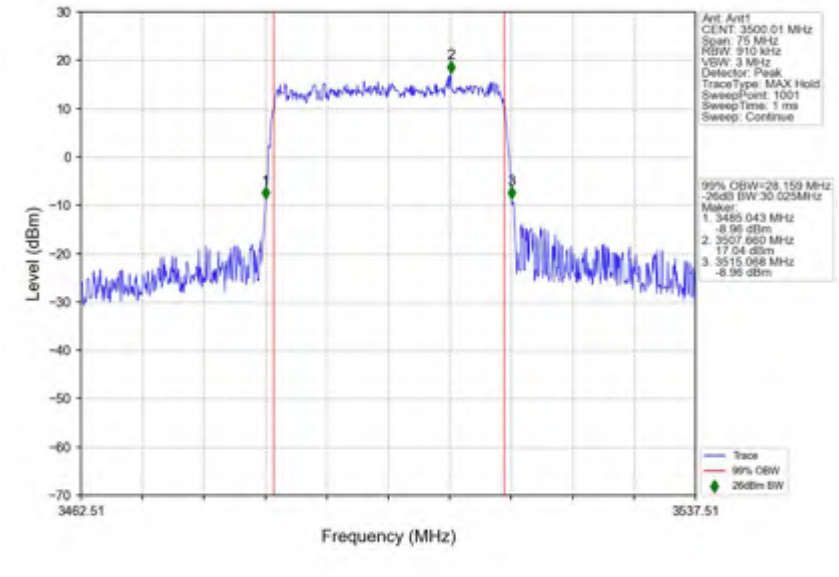
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3534.99MHz_Outer_Full



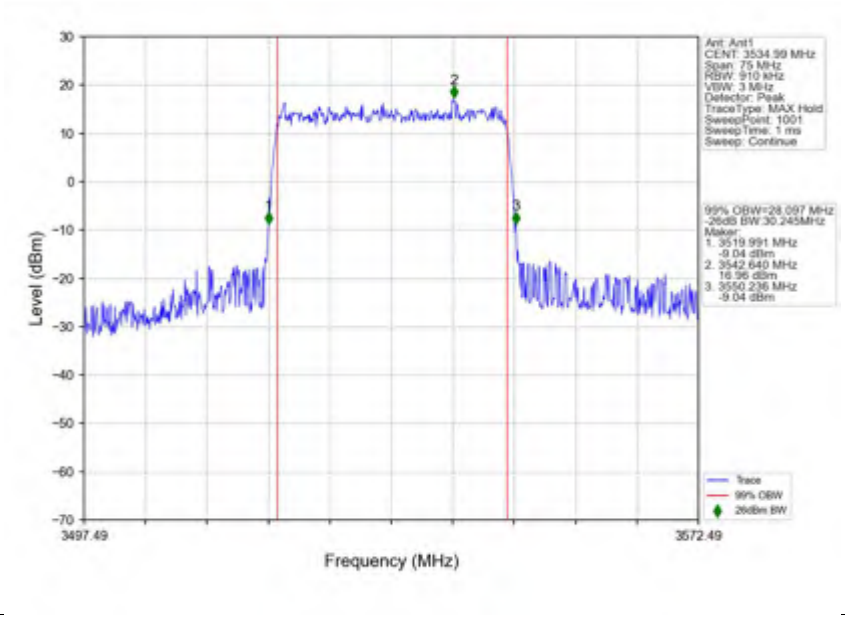
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3465MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3534.99MHz_Outer_Full



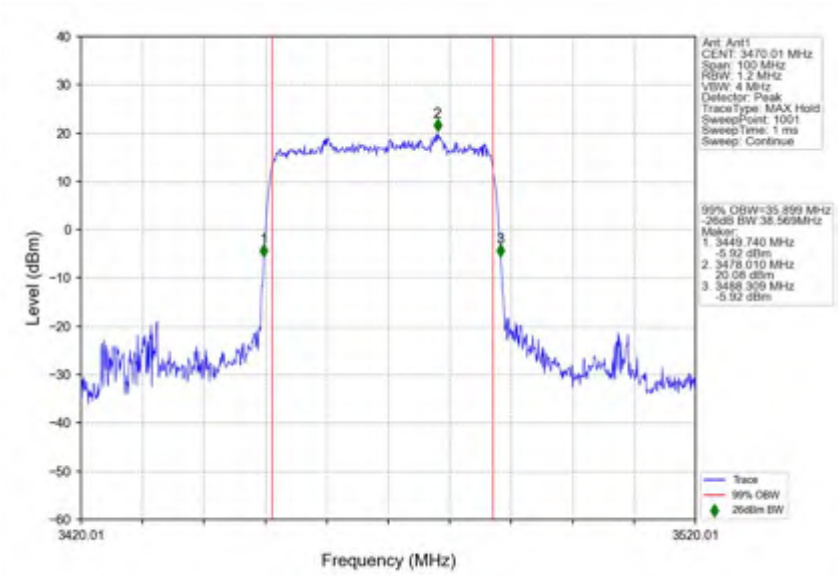
3.3 30k_SISO_40MHz_NTNV

3.3.1 Test Result

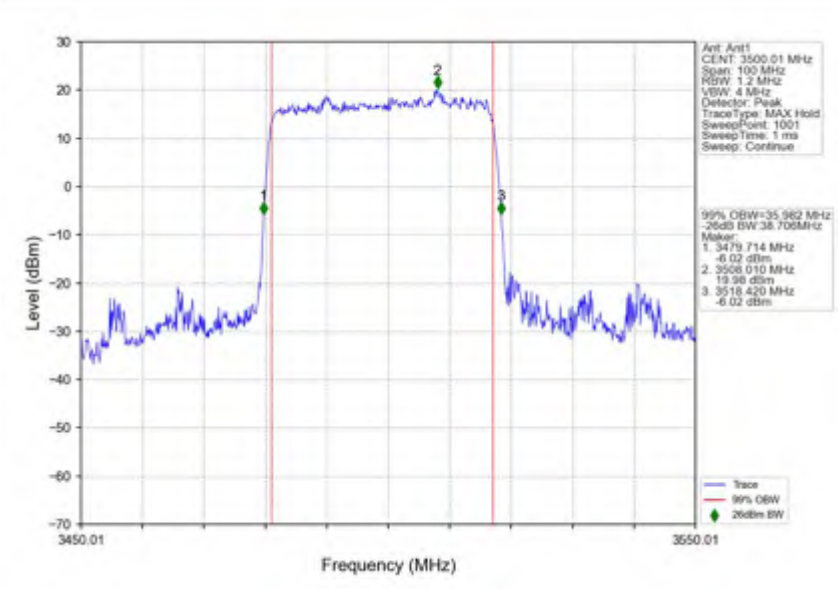
5G NR n78(3450-3550MHz) SCS=30kHz SISO 40MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3470.01	Outer_Full	35.90	38.57	/	Pass
	3500.01	Outer_Full	35.98	38.71	/	Pass
	3529.98	Outer_Full	35.91	38.73	/	Pass
DFT-s-OFDM QPSK	3470.01	Outer_Full	36.02	38.65	/	Pass
	3500.01	Outer_Full	36.06	38.67	/	Pass
	3529.98	Outer_Full	36.46	38.98	/	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer_Full	36.06	38.70	/	Pass
	3500.01	Outer_Full	36.04	38.72	/	Pass
	3529.98	Outer_Full	35.98	38.62	/	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	36.03	38.63	/	Pass
	3500.01	Outer_Full	35.94	38.61	/	Pass
	3529.98	Outer_Full	36.01	38.66	/	Pass
DFT-s-OFDM 256 QAM	3470.01	Outer_Full	36.05	38.34	/	Pass
	3500.01	Outer_Full	36.05	38.48	/	Pass
	3529.98	Outer_Full	36.09	38.75	/	Pass
CP-OFDM QPSK	3470.01	Outer_Full	38.32	40.58	/	Pass
	3500.01	Outer_Full	38.30	40.55	/	Pass
	3529.98	Outer_Full	38.11	40.76	/	Pass
CP-OFDM 16 QAM	3470.01	Outer_Full	38.01	40.73	/	Pass
	3500.01	Outer_Full	38.14	40.80	/	Pass
	3529.98	Outer_Full	38.05	40.81	/	Pass
CP-OFDM 64 QAM	3470.01	Outer_Full	38.20	40.94	/	Pass
	3500.01	Outer_Full	38.09	40.79	/	Pass
	3529.98	Outer_Full	38.14	40.82	/	Pass
CP-OFDM 256 QAM	3470.01	Outer_Full	38.43	40.19	/	Pass
	3500.01	Outer_Full	38.20	40.59	/	Pass
	3529.98	Outer_Full	38.45	40.20	/	Pass

3.3.2 Test Graph

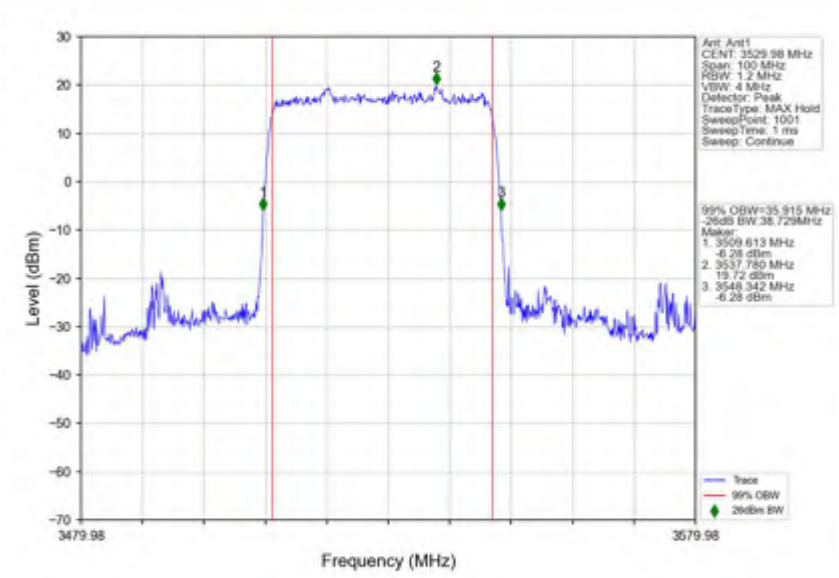
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3470.01MHz_Outer_Full



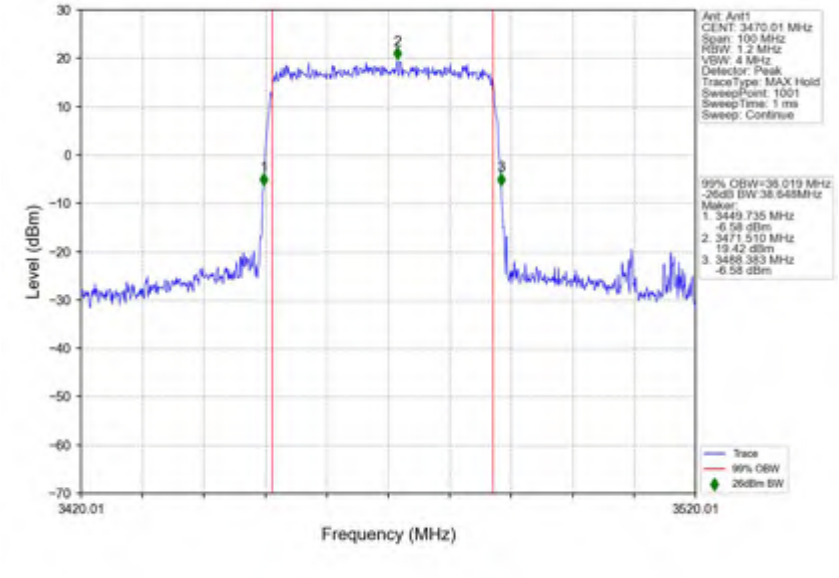
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full



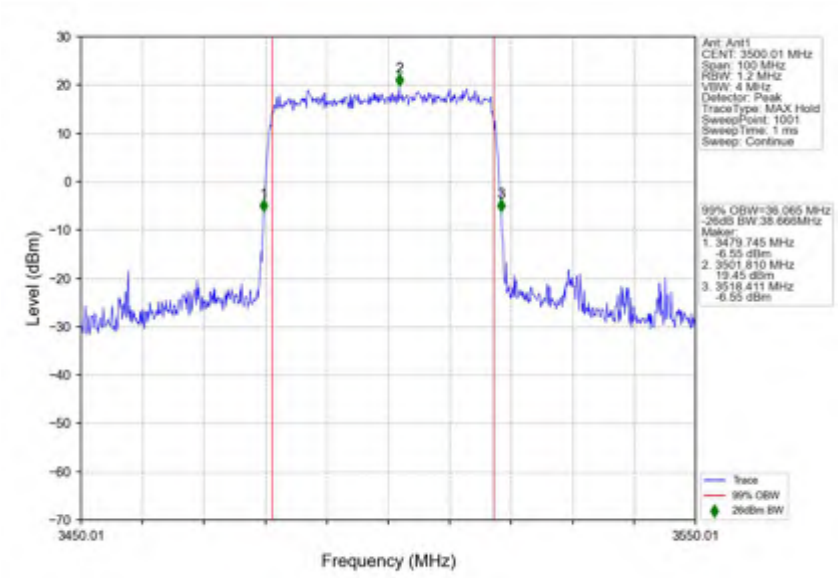
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3529.98MHz_Outer_Full



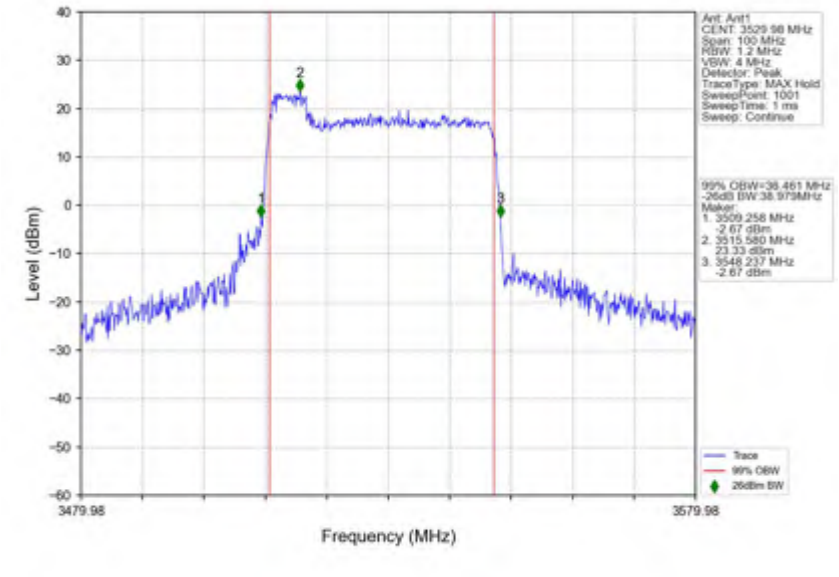
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3470.01MHz_Outer_Full



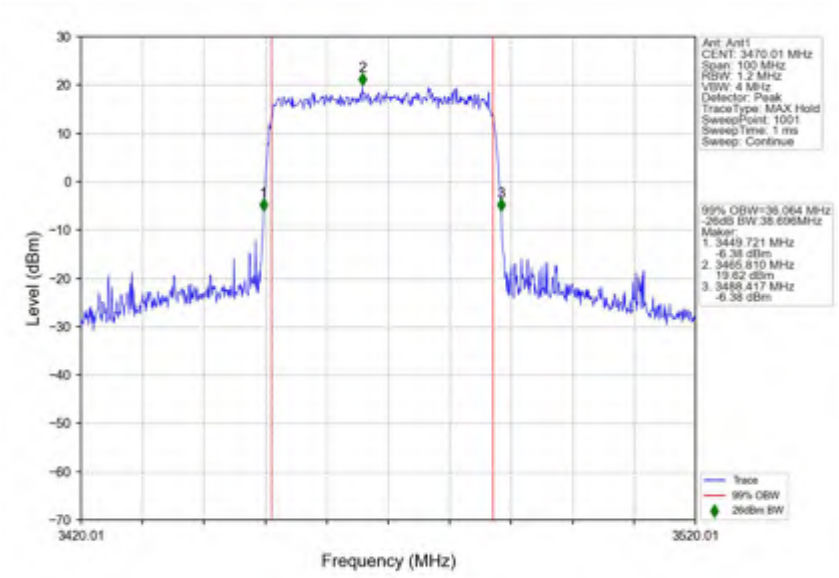
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full



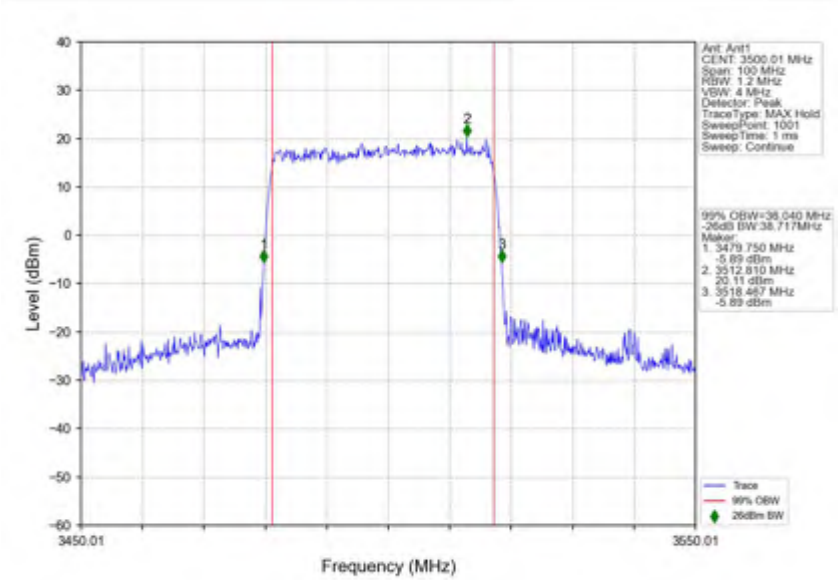
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3529.98MHz_Outer_Full



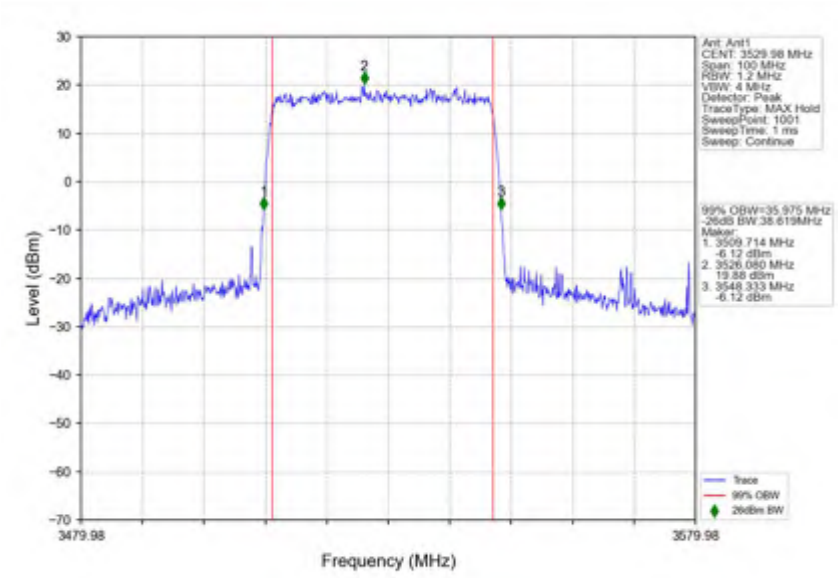
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_3470.01MHz_Outer_Full



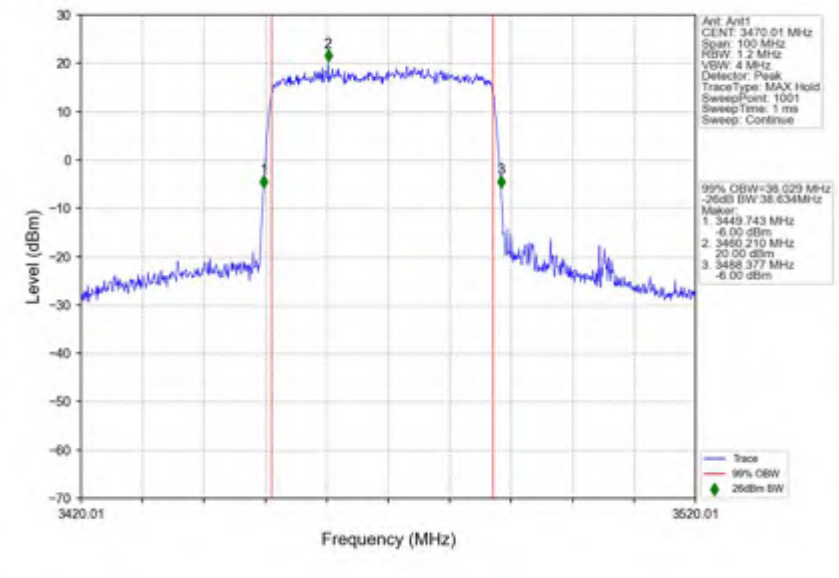
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full



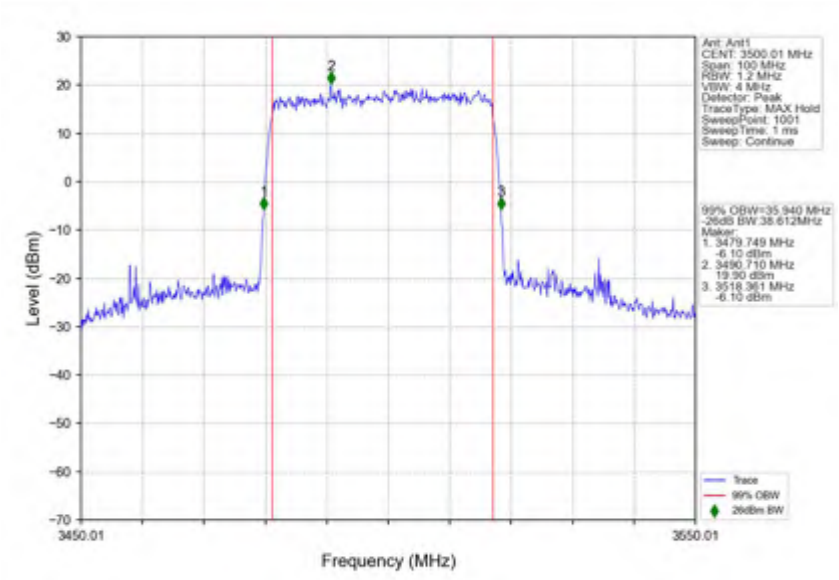
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_3529.98MHz_Outer_Full



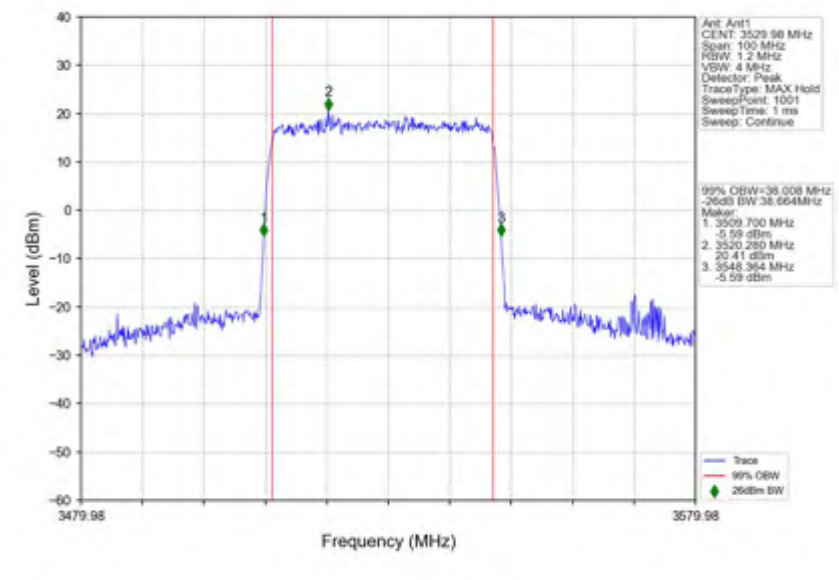
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3470.01MHz_Outer_Full



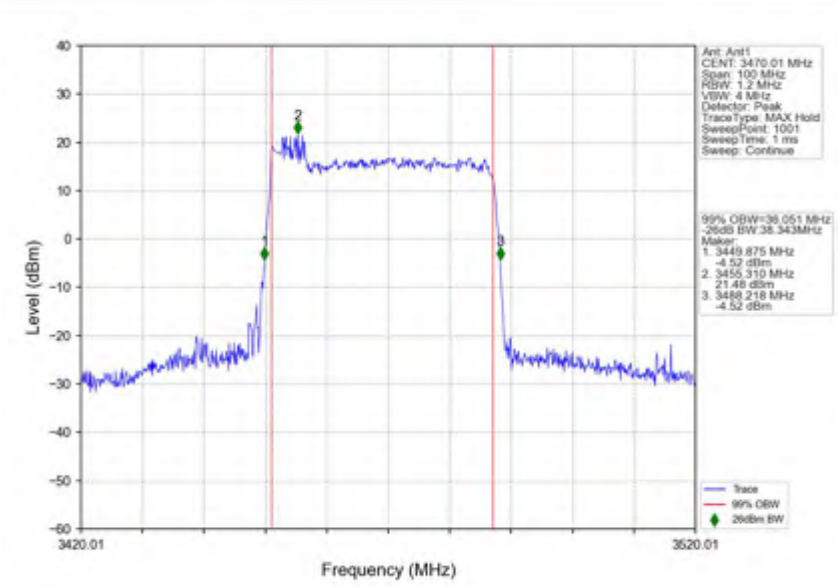
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full



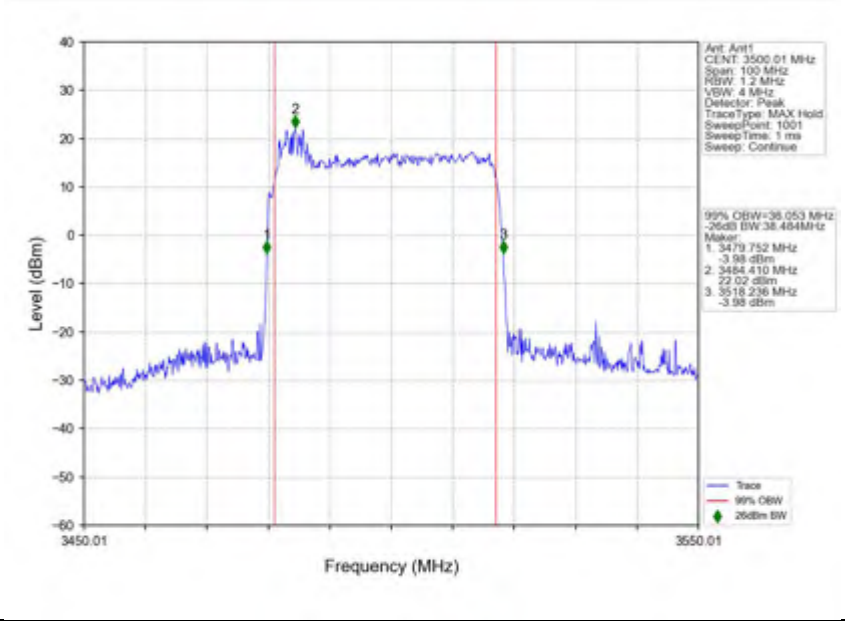
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3529.98MHz_Outer_Full



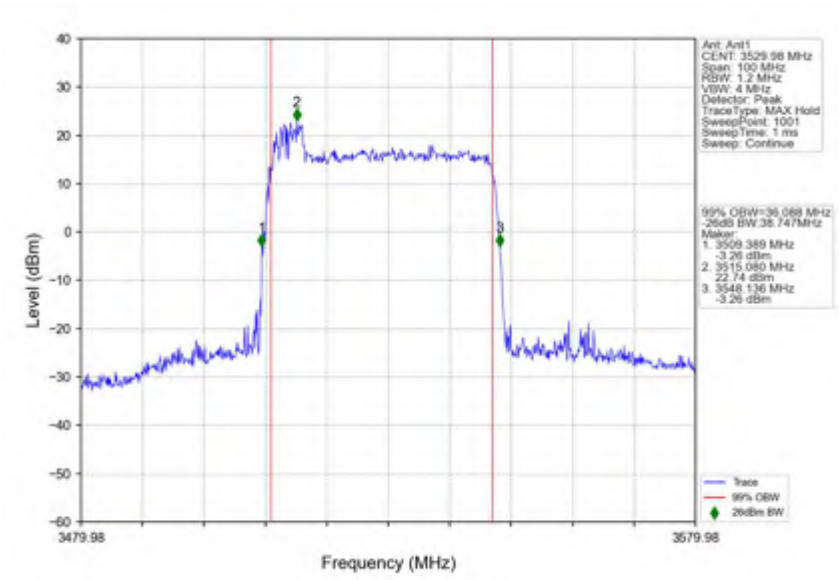
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3470.01MHz_Outer_Full



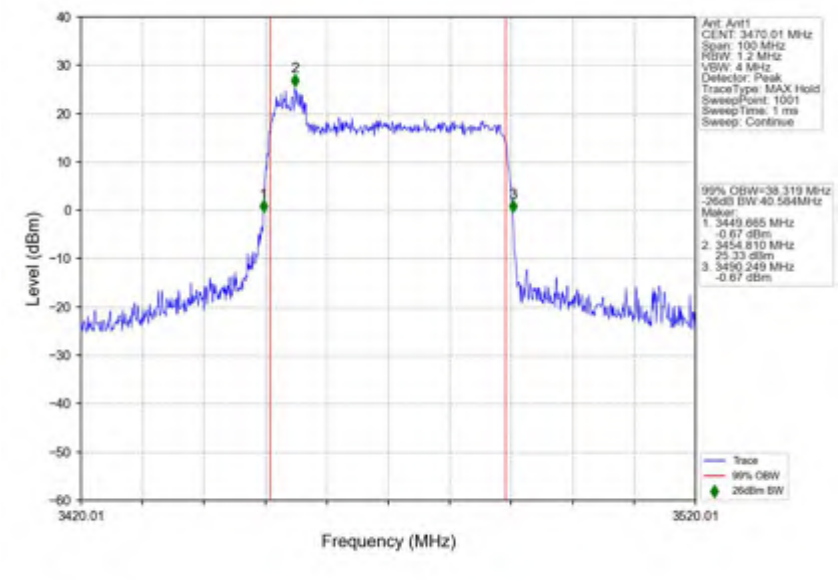
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3500.01MHz_Outer_Full



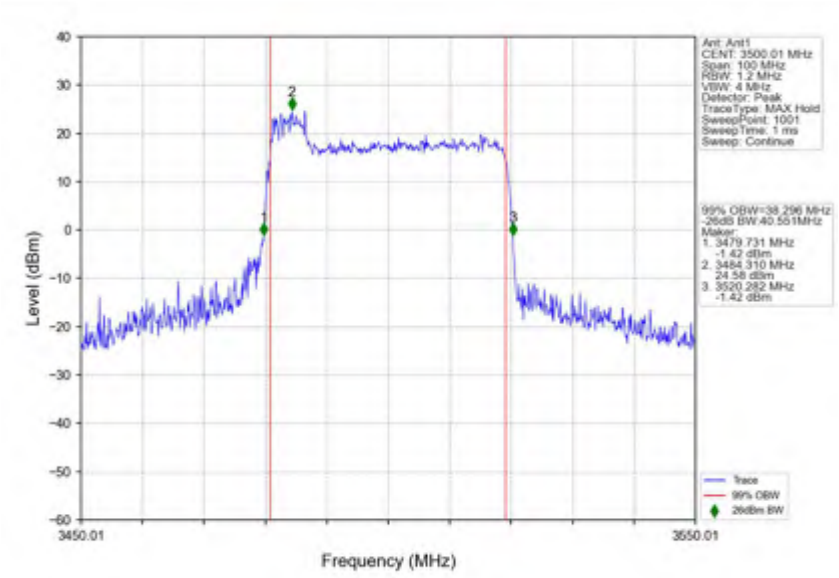
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3529.98MHz_Outer_Full



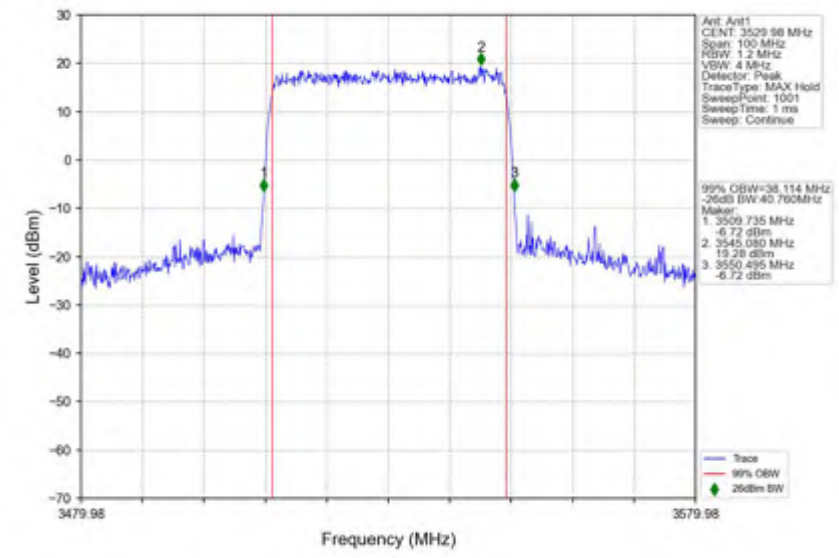
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3470.01MHz_Outer_Full



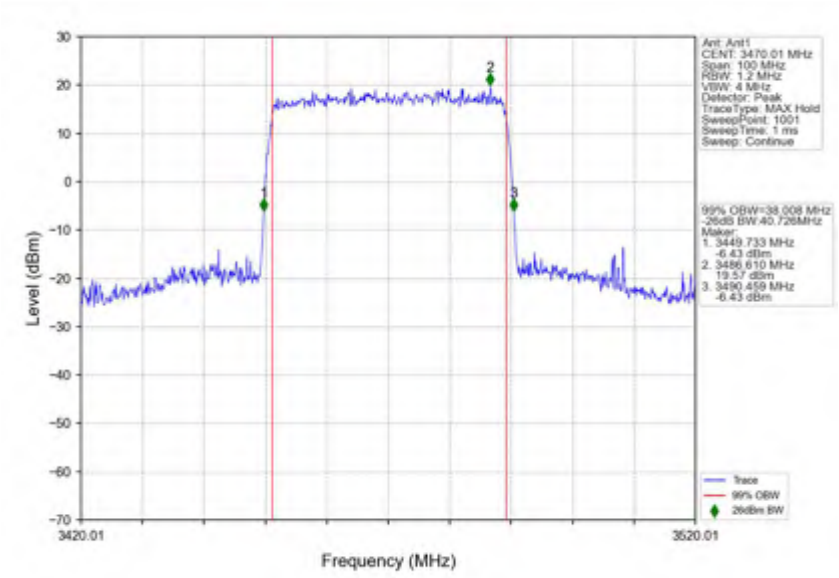
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full



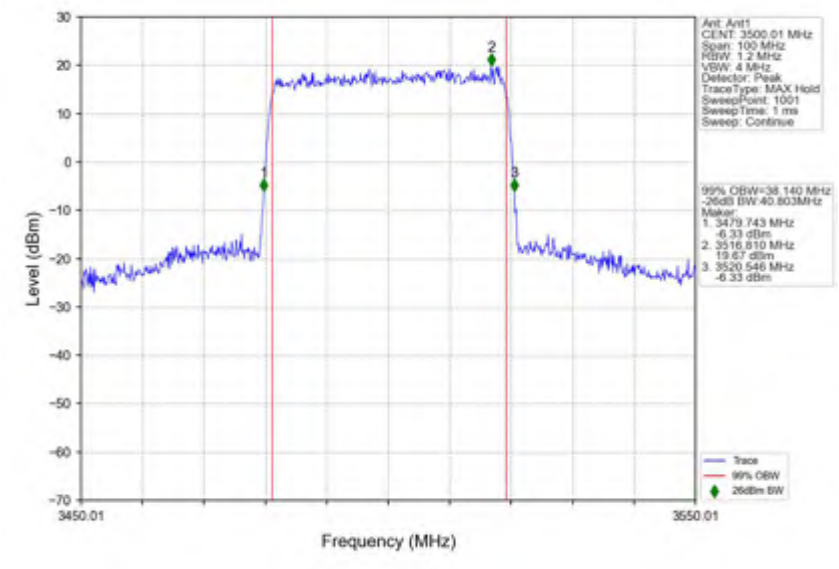
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3529.98MHz_Outer_Full



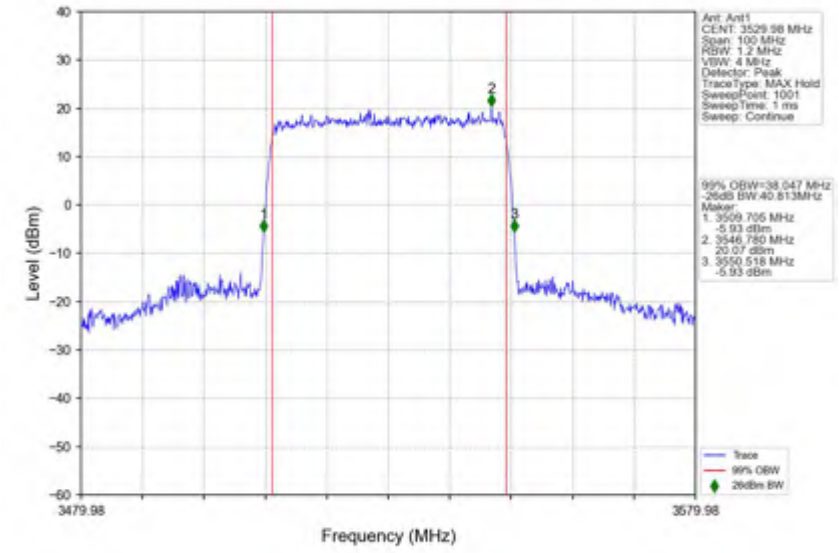
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3470.01MHz_Outer_Full



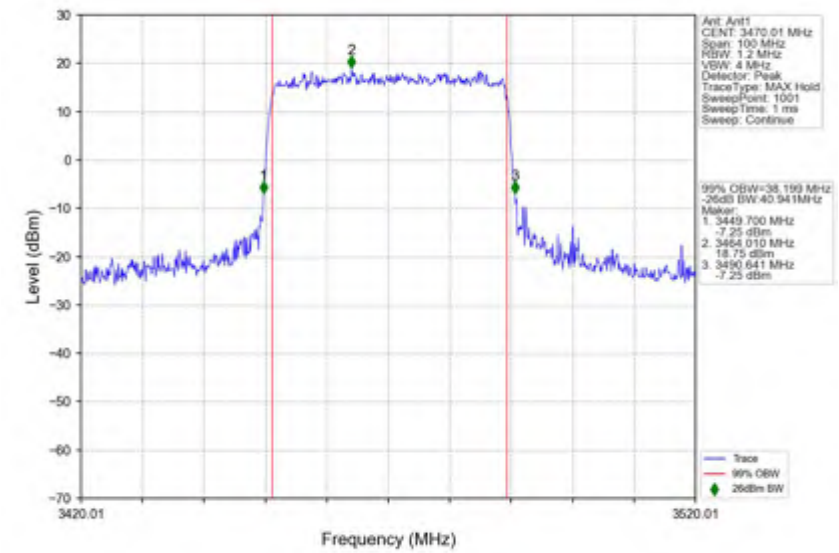
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full



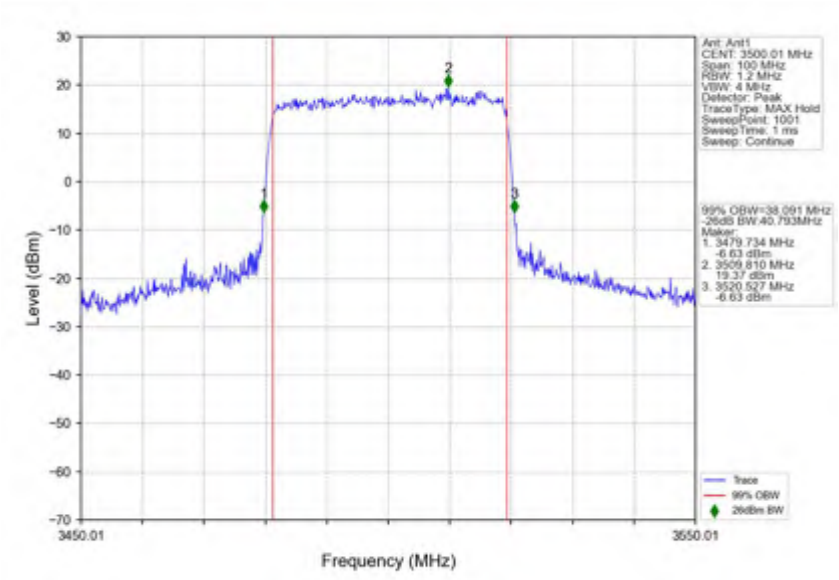
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3529.98MHz_Outer_Full



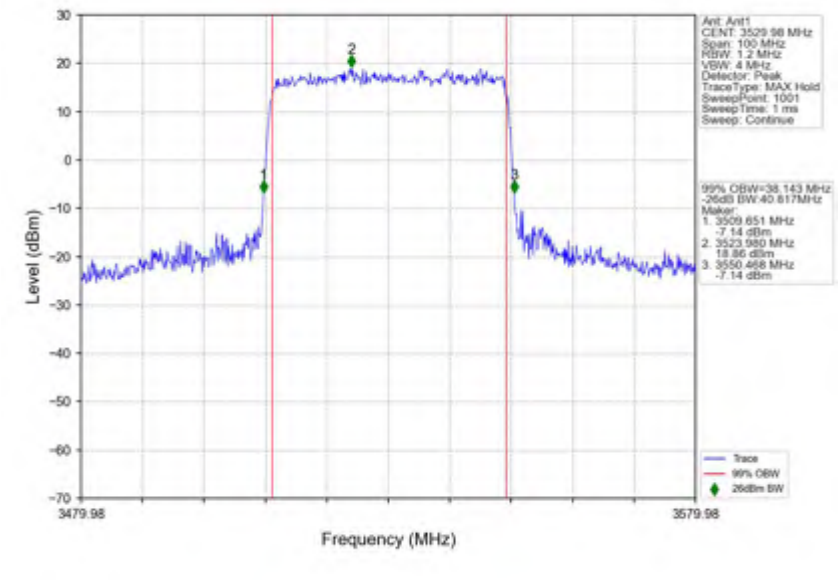
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3470.01MHz_Outer_Full



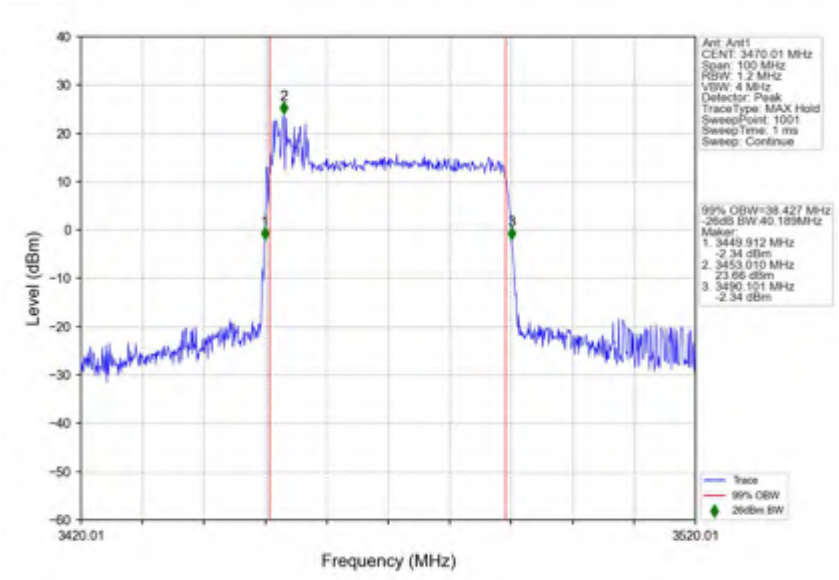
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full



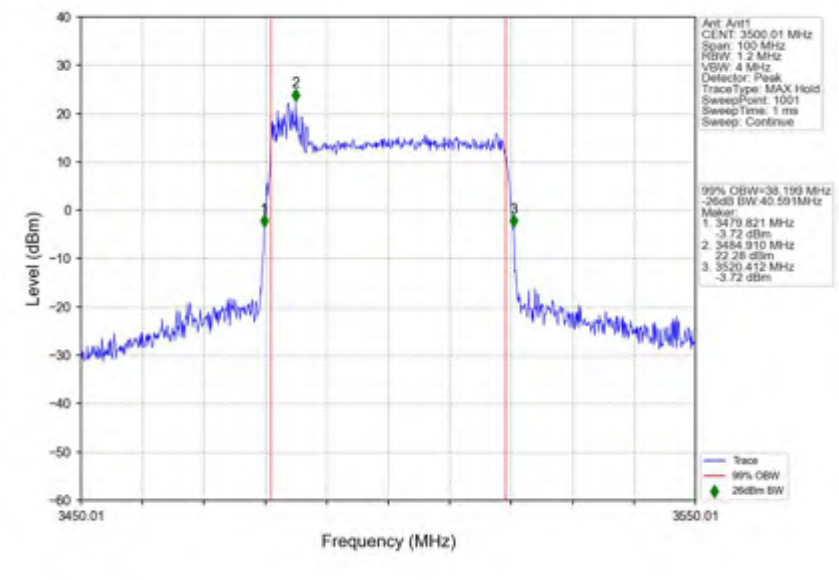
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3529.98MHz_Outer_Full



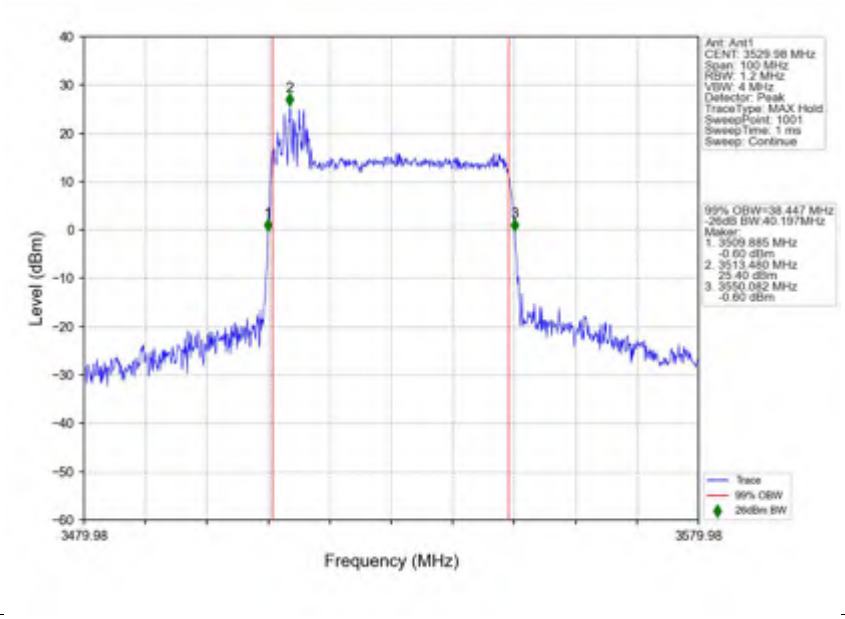
n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3470.01MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3529.98MHz_Outer_Full



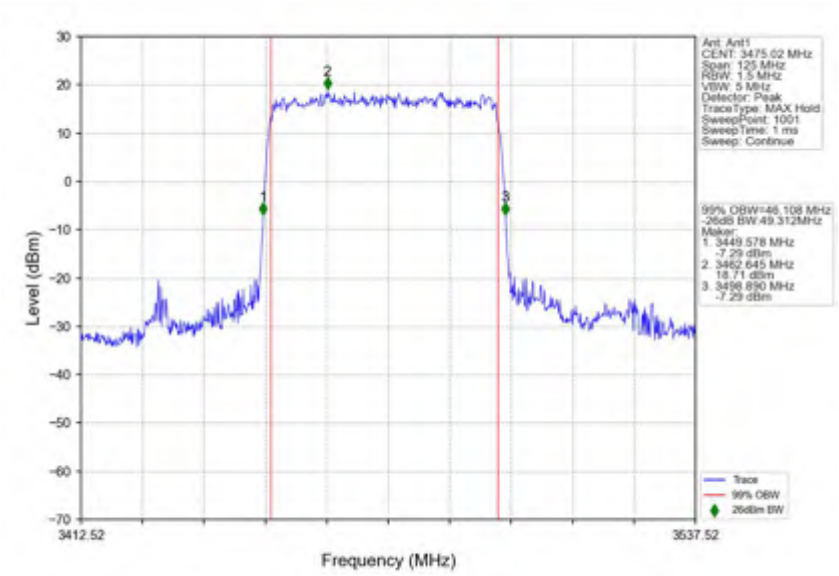
3.4 30k_SISO_50MHz_NTNV

3.4.1 Test Result

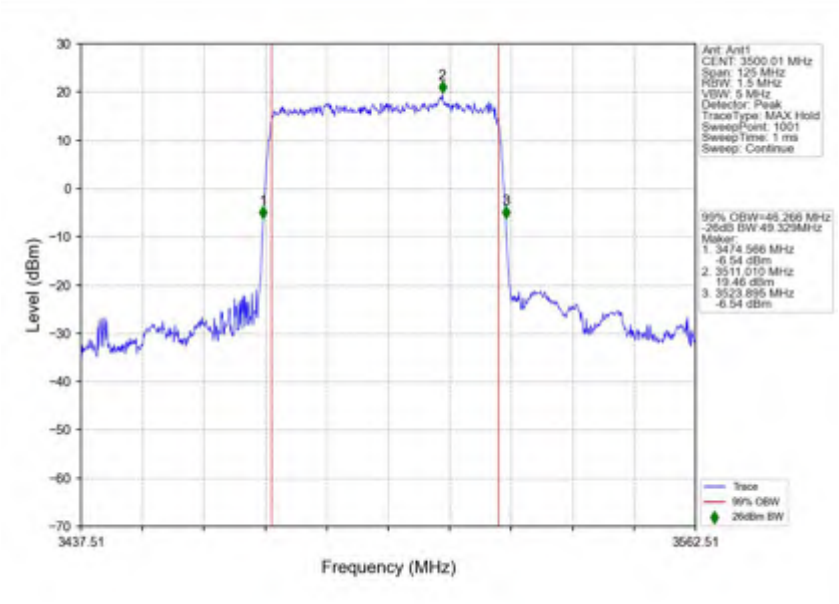
5G NR n78(3450-3550MHz) SCS=30kHz SISO 50MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3475.02	Outer_Full	46.11	49.31	/	Pass
	3500.01	Outer_Full	46.27	49.33	/	Pass
	3525	Outer_Full	46.16	49.30	/	Pass
DFT-s-OFDM QPSK	3475.02	Outer_Full	46.09	49.33	/	Pass
	3500.01	Outer_Full	46.06	49.39	/	Pass
	3525	Outer_Full	46.07	49.35	/	Pass
DFT-s-OFDM 16 QAM	3475.02	Outer_Full	46.10	49.45	/	Pass
	3500.01	Outer_Full	46.40	49.45	/	Pass
	3525	Outer_Full	46.26	49.40	/	Pass
DFT-s-OFDM 64 QAM	3475.02	Outer_Full	46.01	49.30	/	Pass
	3500.01	Outer_Full	46.14	49.38	/	Pass
	3525	Outer_Full	45.98	49.34	/	Pass
DFT-s-OFDM 256 QAM	3475.02	Outer_Full	46.08	49.35	/	Pass
	3500.01	Outer_Full	45.90	48.69	/	Pass
	3525	Outer_Full	46.52	48.97	/	Pass
CP-OFDM QPSK	3475.02	Outer_Full	48.14	50.59	/	Pass
	3500.01	Outer_Full	47.57	50.34	/	Pass
	3525	Outer_Full	47.89	51.06	/	Pass
CP-OFDM 16 QAM	3475.02	Outer_Full	48.24	50.85	/	Pass
	3500.01	Outer_Full	47.85	51.00	/	Pass
	3525	Outer_Full	47.85	50.59	/	Pass
CP-OFDM 64 QAM	3475.02	Outer_Full	47.81	51.14	/	Pass
	3500.01	Outer_Full	47.83	51.12	/	Pass
	3525	Outer_Full	47.83	51.27	/	Pass
CP-OFDM 256 QAM	3475.02	Outer_Full	47.78	51.16	/	Pass
	3500.01	Outer_Full	47.78	51.13	/	Pass
	3525	Outer_Full	48.15	50.44	/	Pass

3.4.2 Test Graph

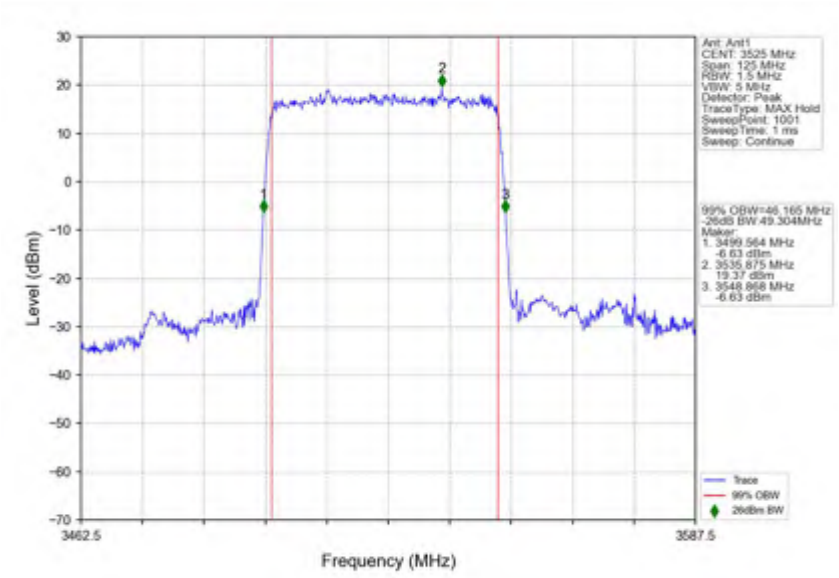
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3475.02MHz_Outer_Full



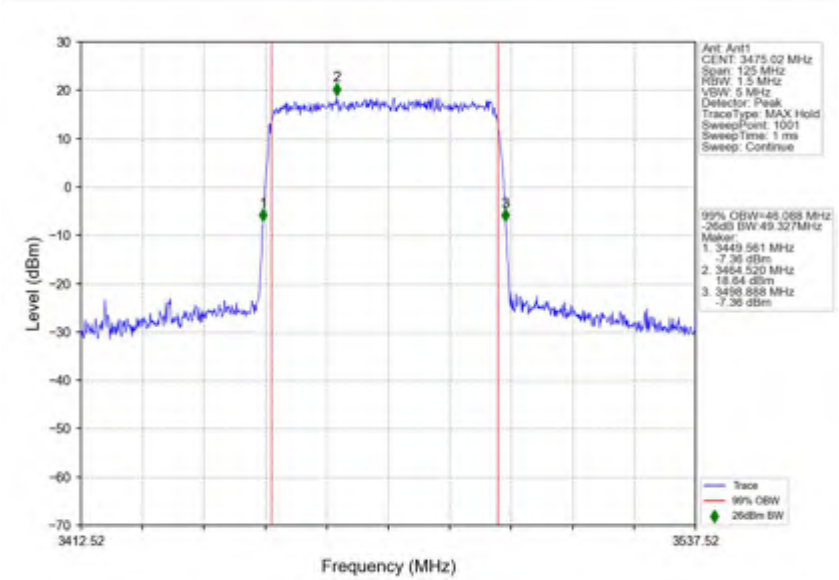
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full



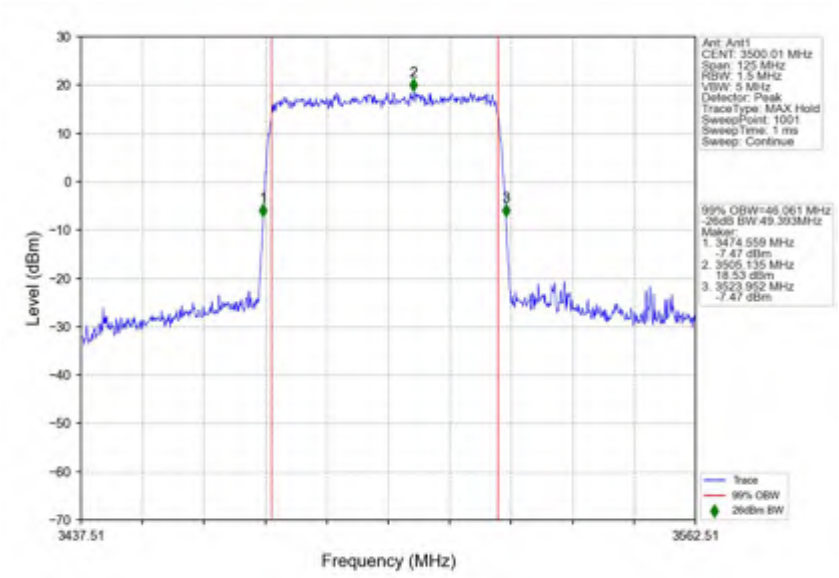
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3525MHz_Outer_Full



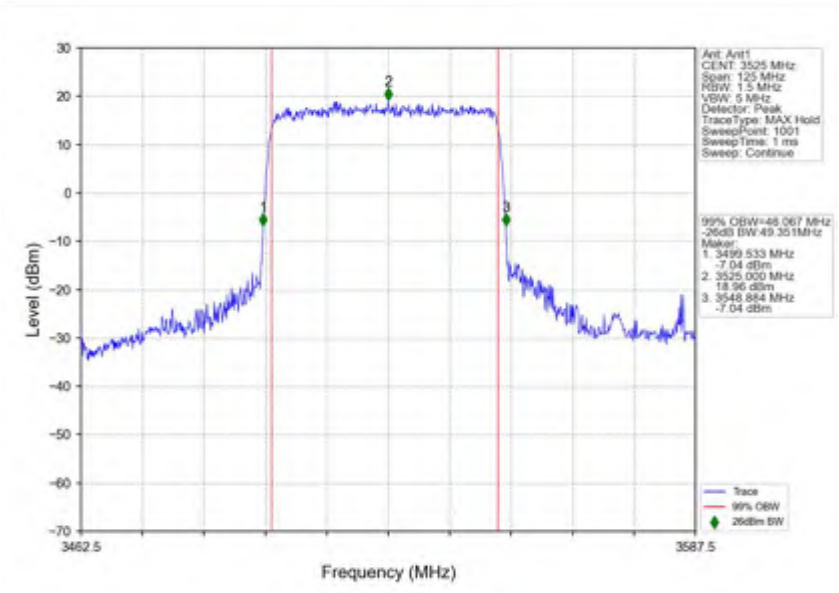
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3475.02MHz_Outer_Full



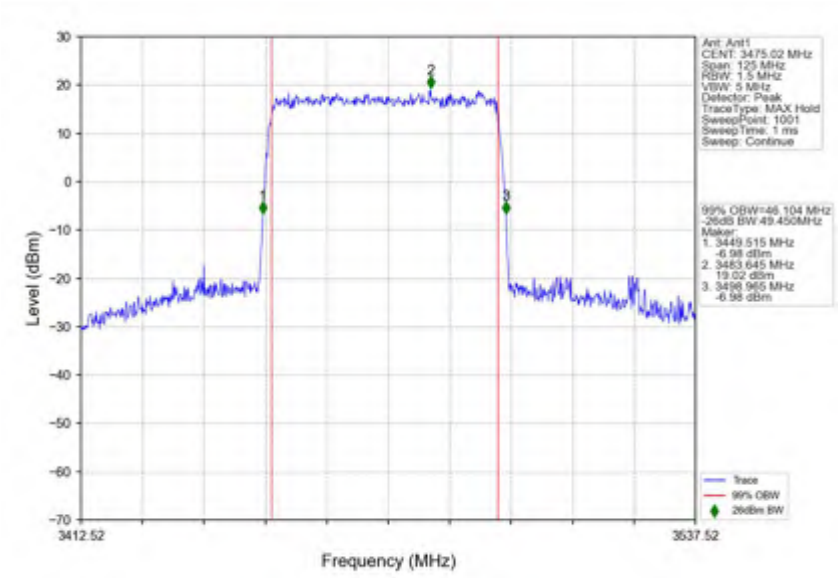
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full



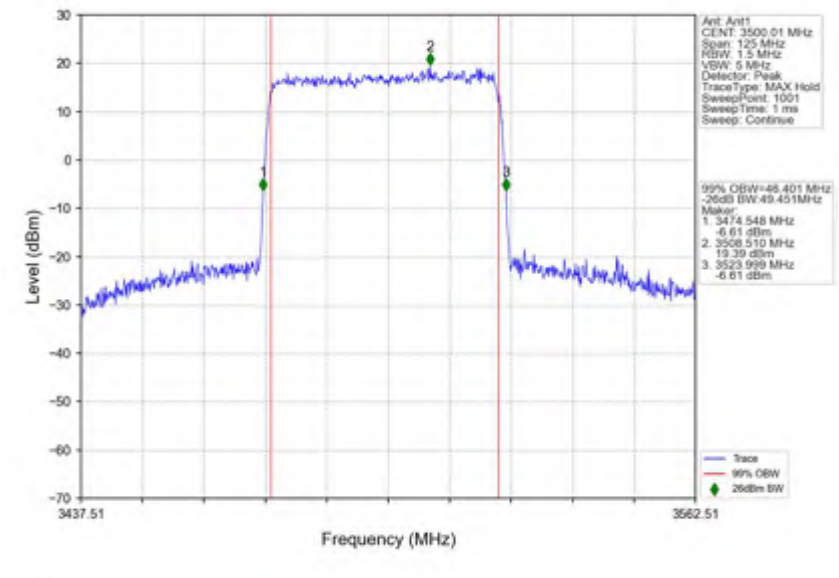
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3525MHz_Outer_Full



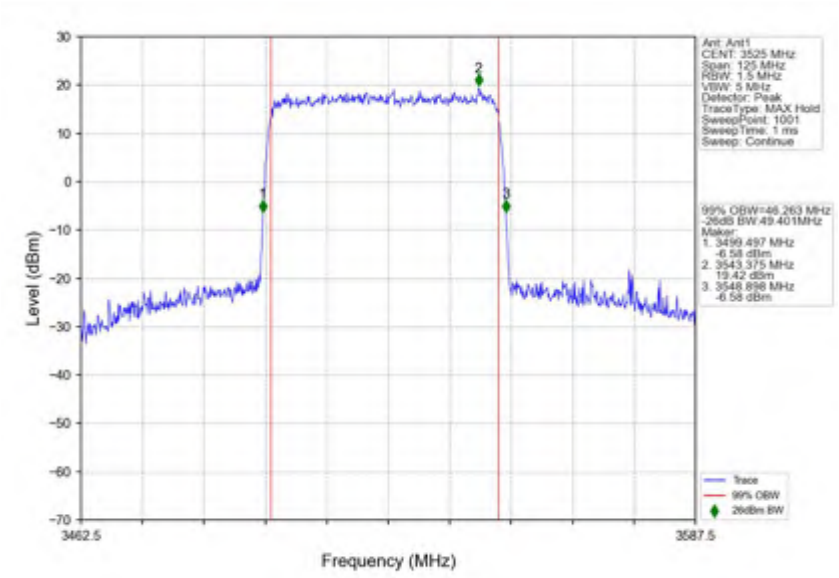
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM_3475.02MHz_Outer_Full



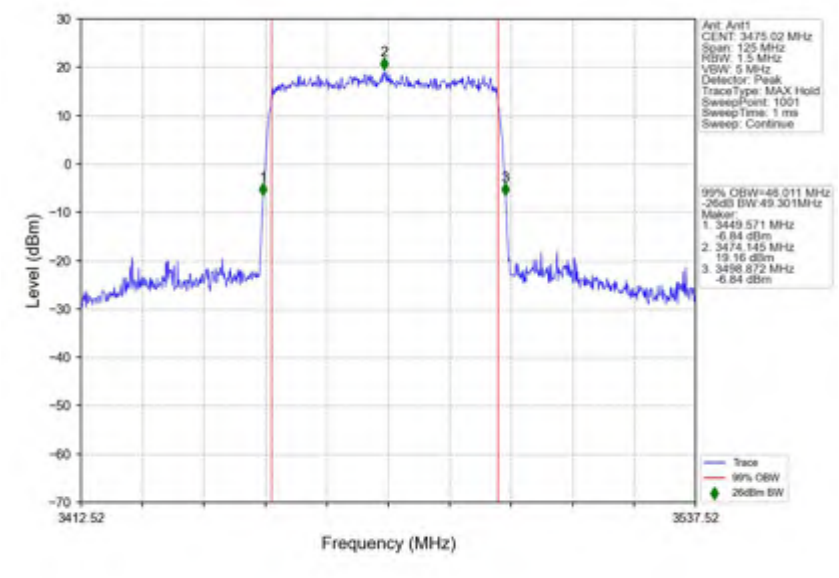
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full



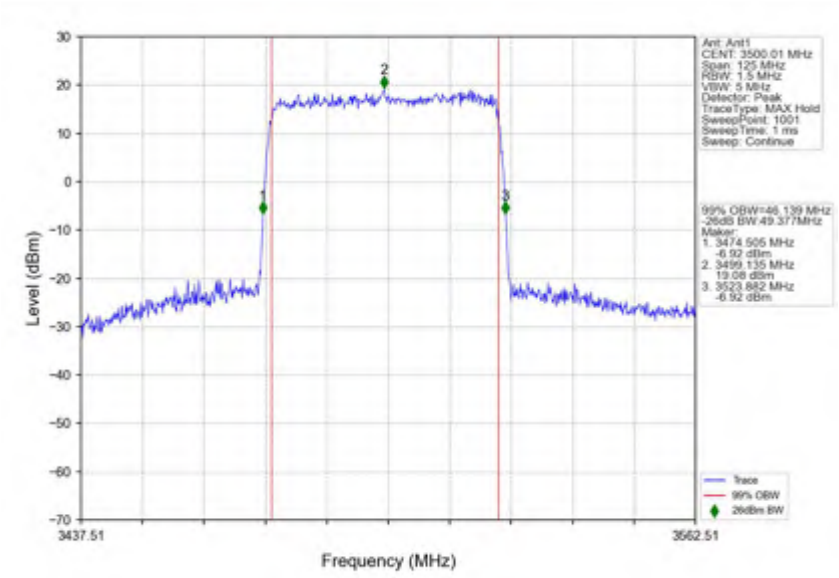
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM_3525MHz_Outer_Full



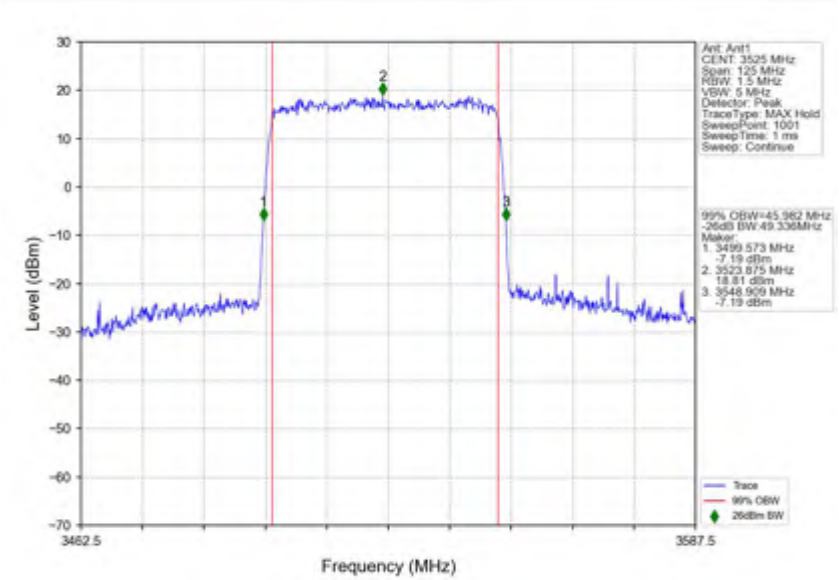
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM_3475.02MHz_Outer_Full



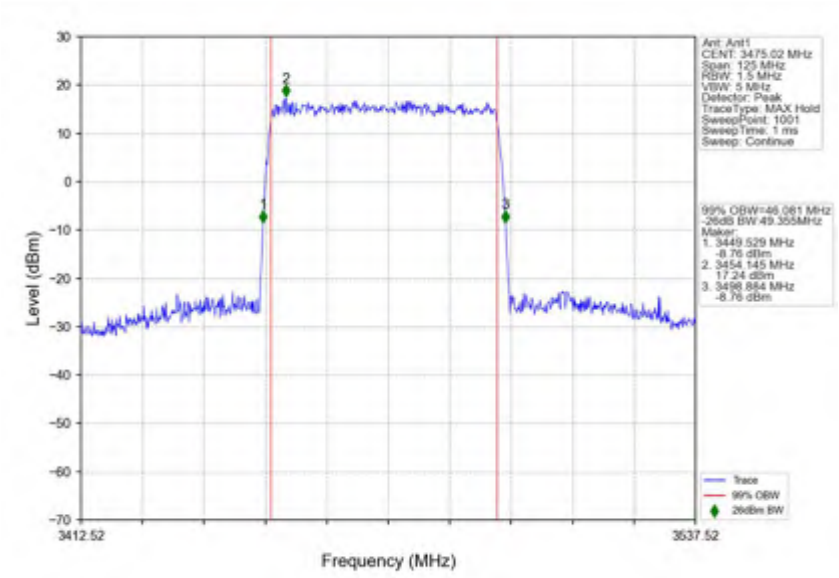
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full



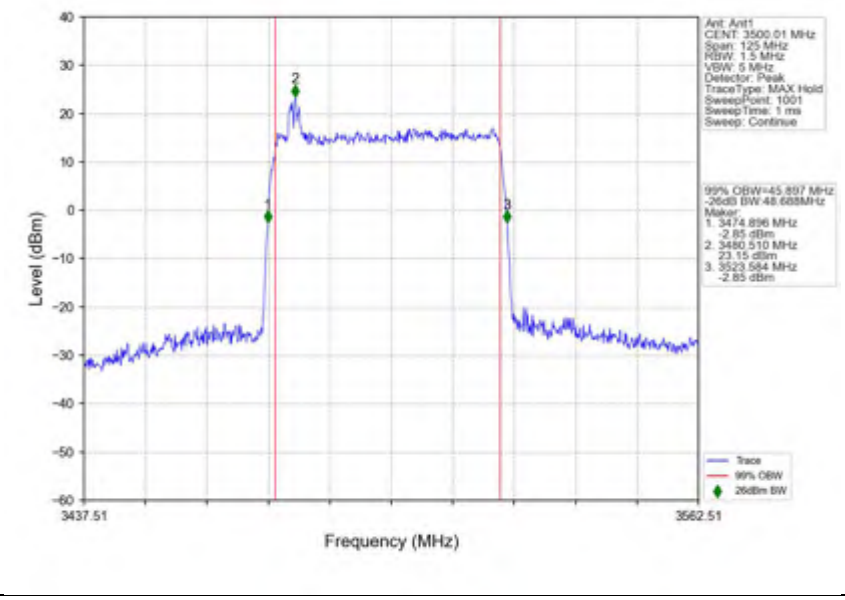
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM_3525MHz_Outer_Full



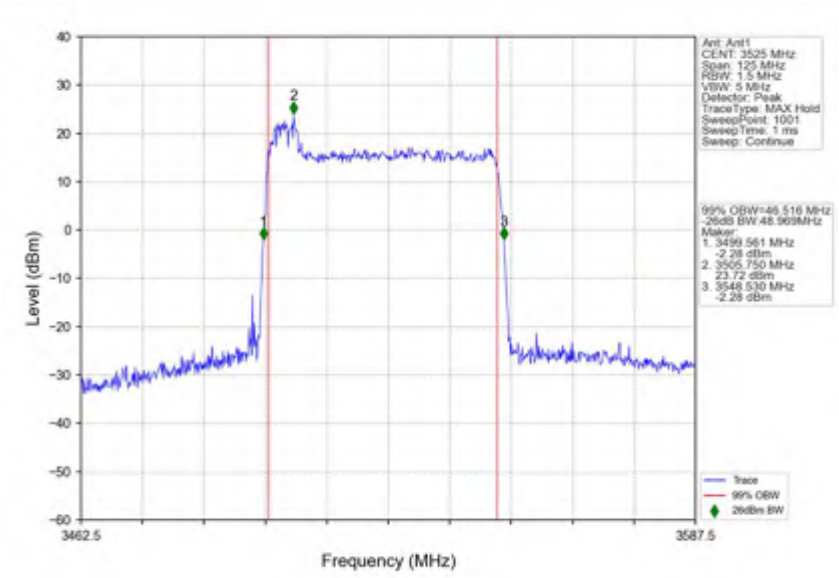
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 256 QAM_3475.02MHz_Outer_Full



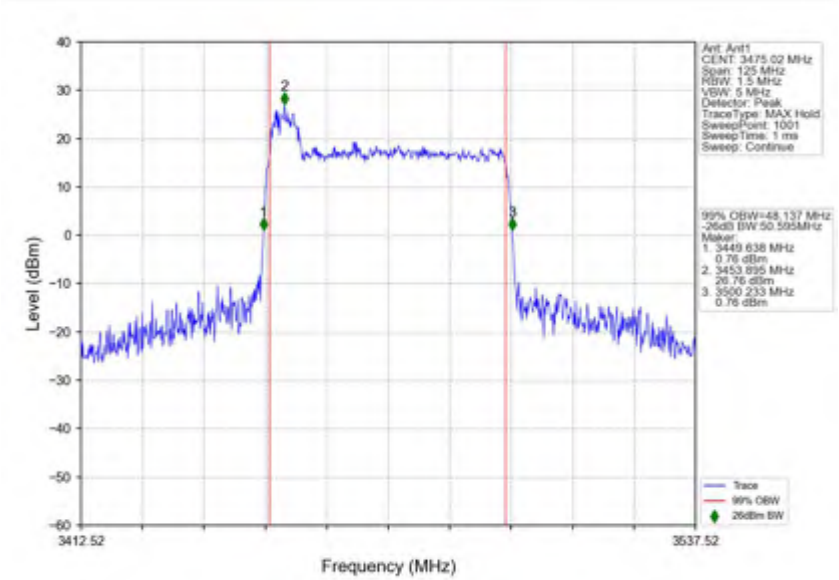
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 256 QAM_3500.01MHz_Outer_Full



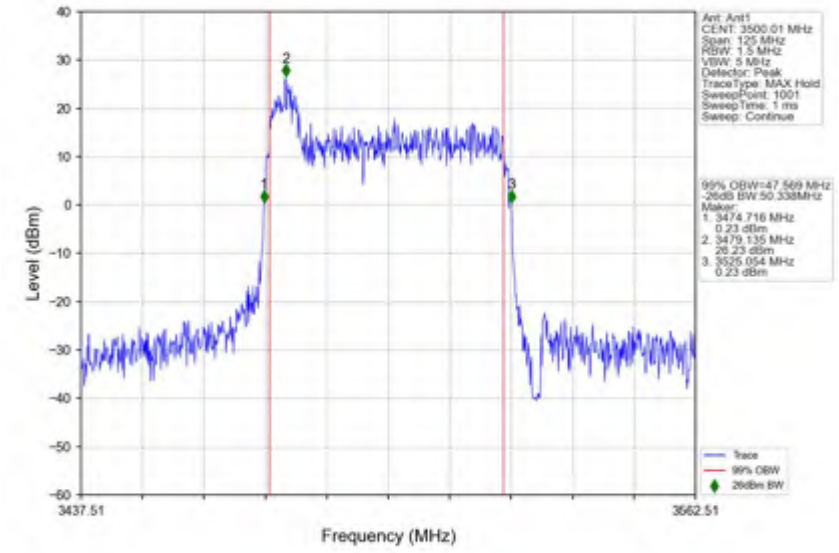
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 256 QAM_3525MHz_Outer_Full



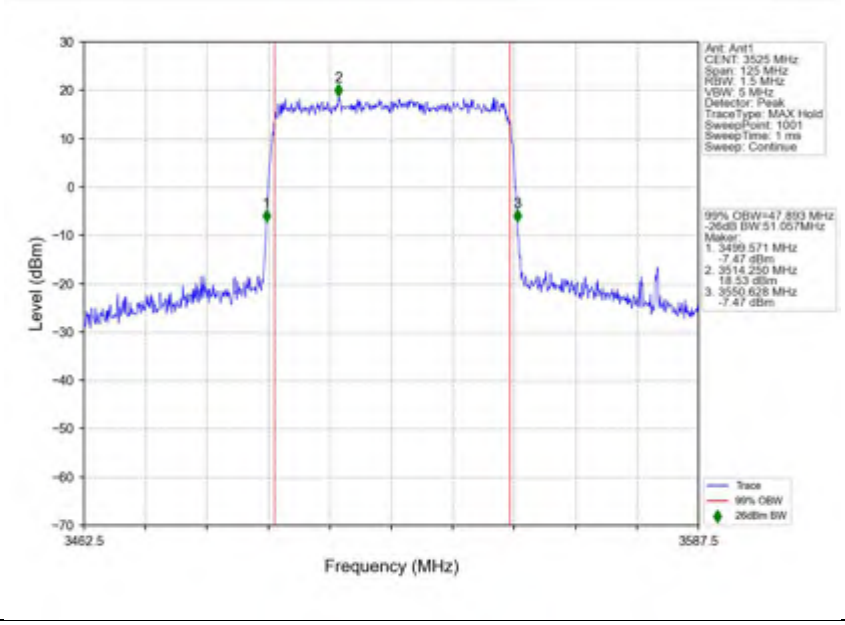
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_3475.02MHz_Outer_Full



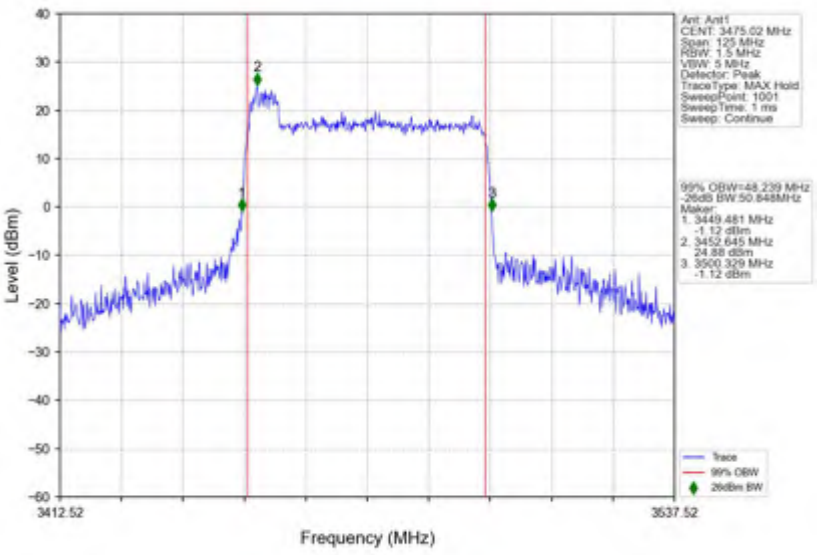
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full



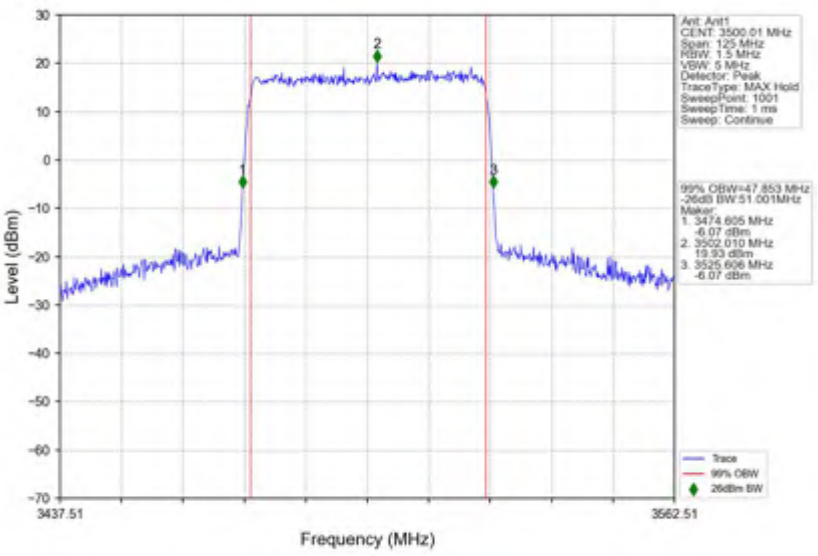
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_3525MHz_Outer_Full



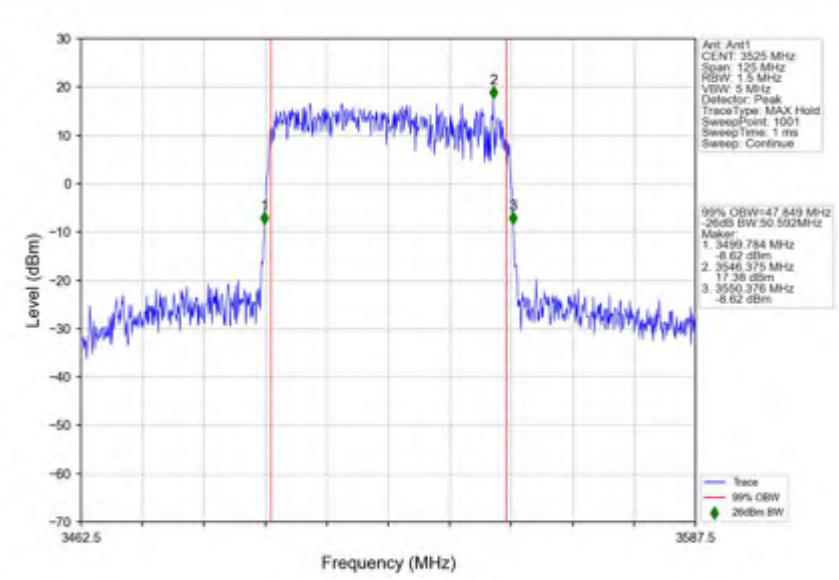
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM_3475.02MHz_Outer_Full



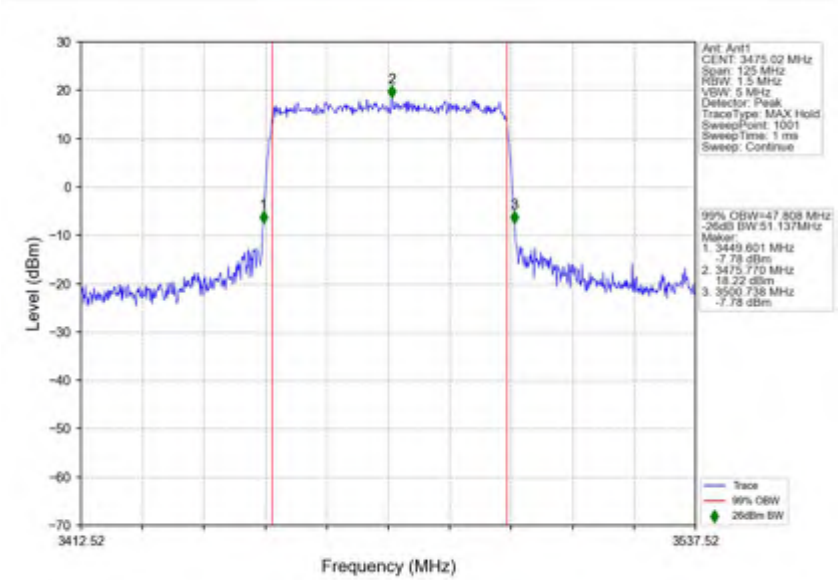
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full



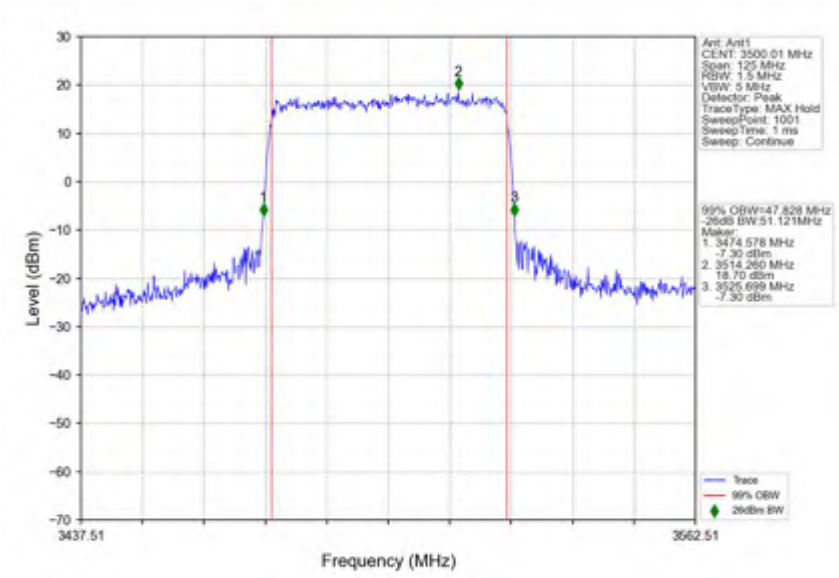
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM_3525MHz_Outer_Full



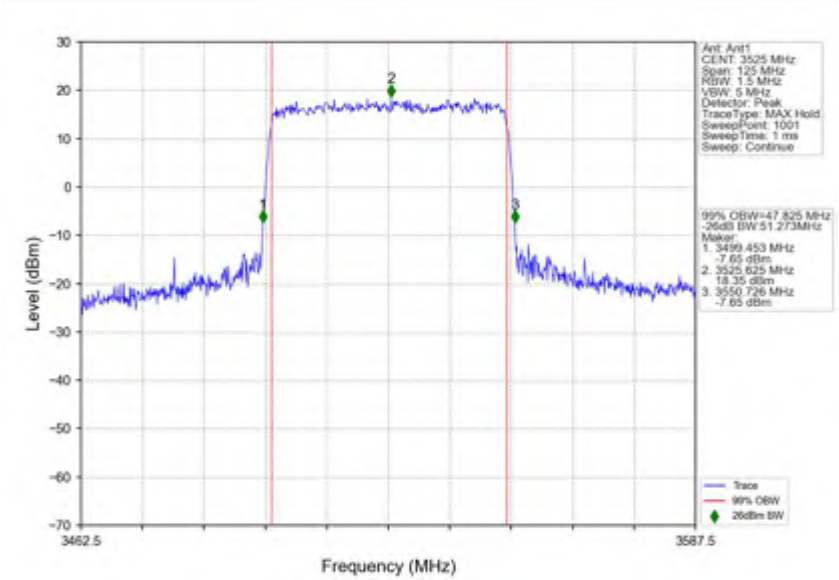
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM_3475.02MHz_Outer_Full



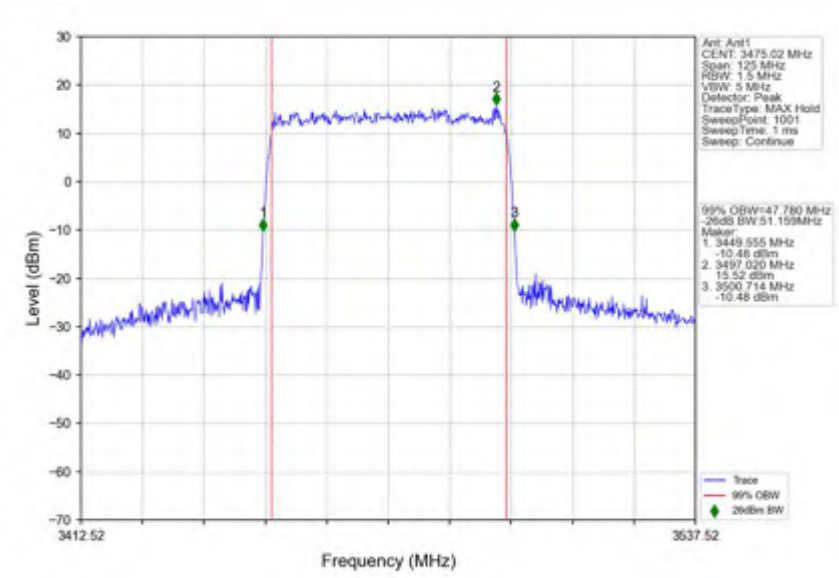
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full



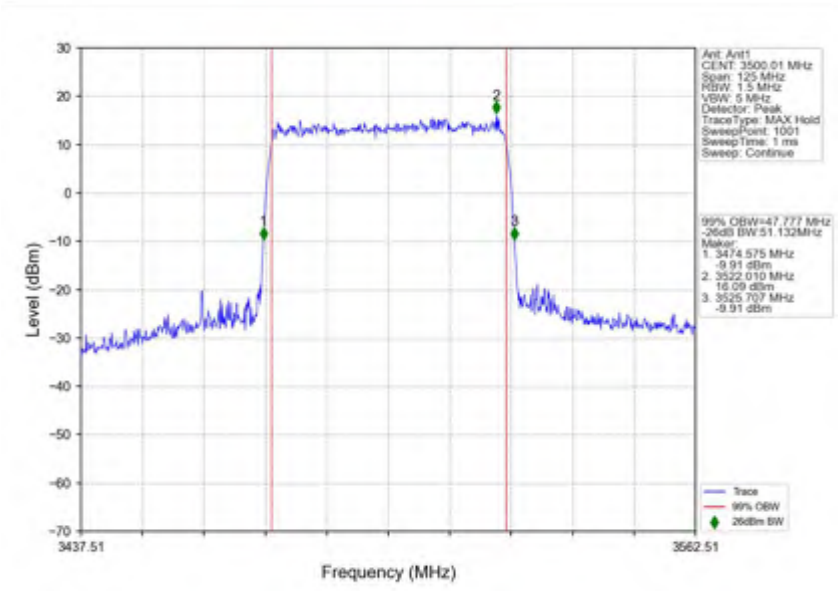
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM_3525MHz_Outer_Full



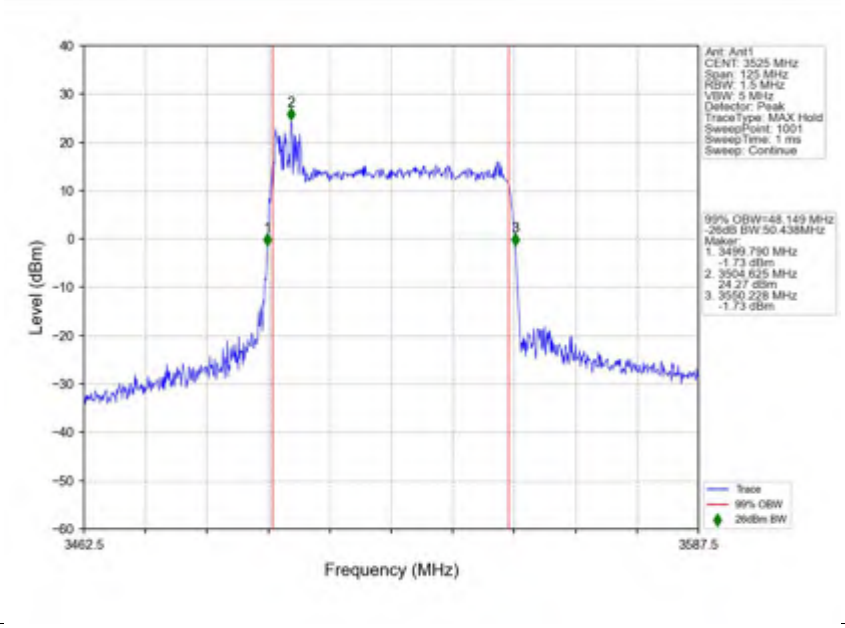
n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM 256 QAM_3475.02MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM 256 QAM_3525MHz_Outer_Full



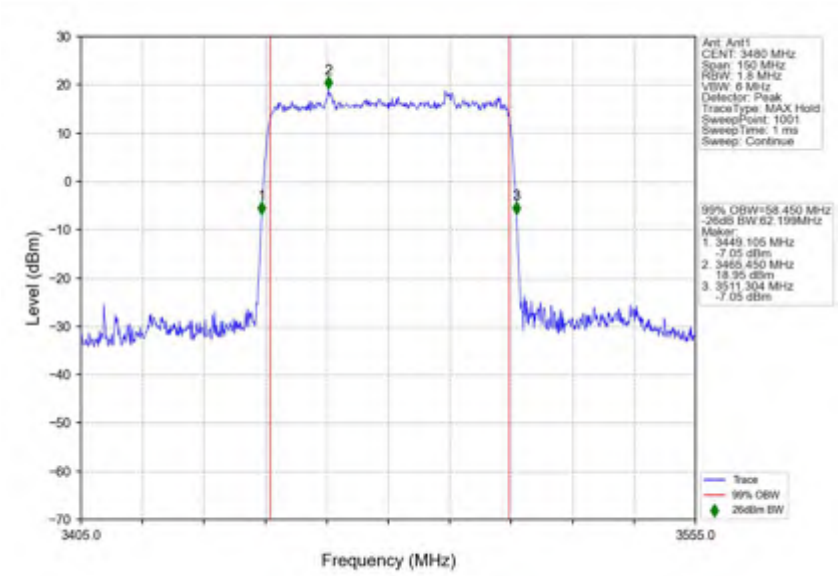
3.5 30k_SISO_60MHz_NTNV

3.5.1 Test Result

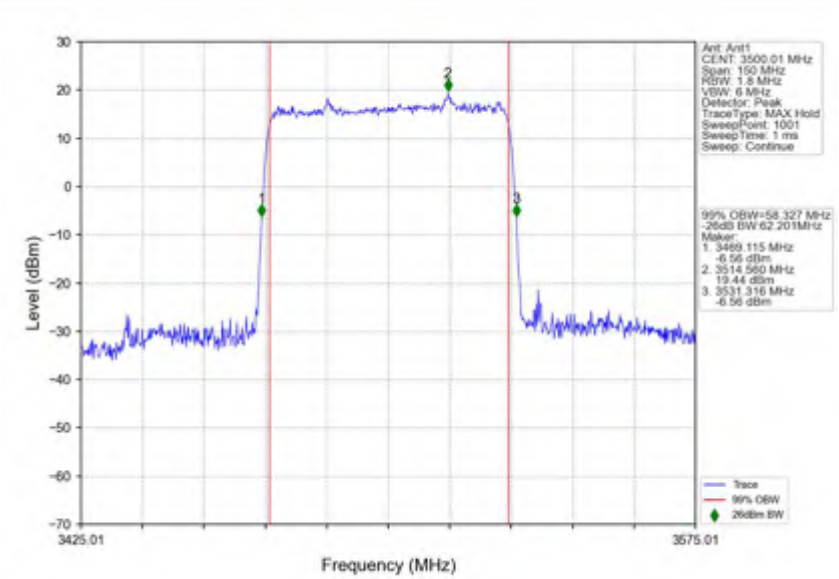
5G NR n78(3450-3550MHz) SCS=30kHz SISO 60MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3480	Outer_Full	58.45	62.20	/	Pass
	3500.01	Outer_Full	58.33	62.20	/	Pass
	3519.99	Outer_Full	58.18	62.19	/	Pass
DFT-s-OFDM QPSK	3480	Outer_Full	58.39	62.30	/	Pass
	3500.01	Outer_Full	58.48	62.24	/	Pass
	3519.99	Outer_Full	58.21	62.26	/	Pass
DFT-s-OFDM 16 QAM	3480	Outer_Full	58.23	62.45	/	Pass
	3500.01	Outer_Full	58.26	62.45	/	Pass
	3519.99	Outer_Full	58.20	62.27	/	Pass
DFT-s-OFDM 64 QAM	3480	Outer_Full	58.38	62.29	/	Pass
	3500.01	Outer_Full	58.26	62.35	/	Pass
	3519.99	Outer_Full	58.22	62.27	/	Pass
DFT-s-OFDM 256 QAM	3480	Outer_Full	58.15	62.18	/	Pass
	3500.01	Outer_Full	58.20	62.19	/	Pass
	3519.99	Outer_Full	58.14	62.07	/	Pass
CP-OFDM QPSK	3480	Outer_Full	58.86	62.03	/	Pass
	3500.01	Outer_Full	58.41	61.80	/	Pass
	3519.99	Outer_Full	58.18	62.17	/	Pass
CP-OFDM 16 QAM	3480	Outer_Full	58.31	62.41	/	Pass
	3500.01	Outer_Full	58.22	62.40	/	Pass
	3519.99	Outer_Full	58.33	62.26	/	Pass
CP-OFDM 64 QAM	3480	Outer_Full	58.27	62.30	/	Pass
	3500.01	Outer_Full	58.27	62.21	/	Pass
	3519.99	Outer_Full	58.26	62.21	/	Pass
CP-OFDM 256 QAM	3480	Outer_Full	58.59	61.59	/	Pass
	3500.01	Outer_Full	58.59	61.15	/	Pass
	3519.99	Outer_Full	58.05	62.21	/	Pass

3.5.2 Test Graph

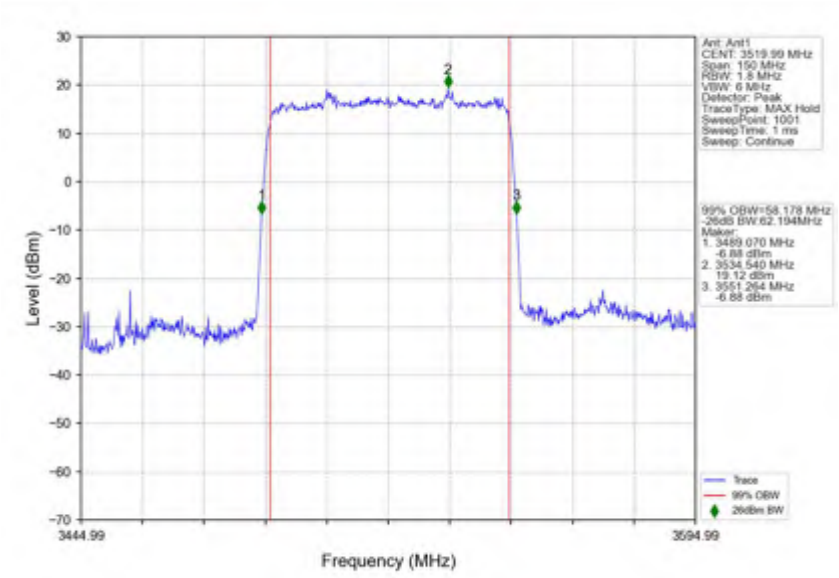
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3480MHz_Outer_Full



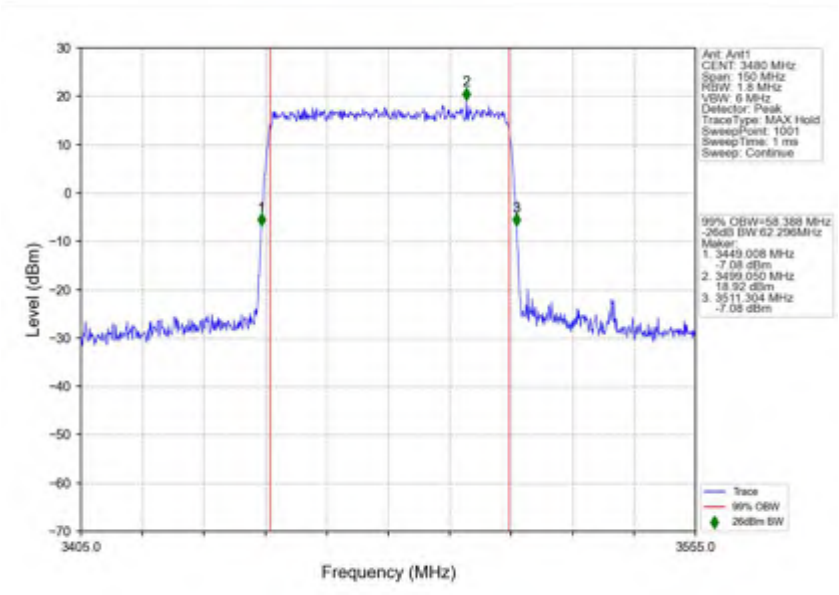
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full



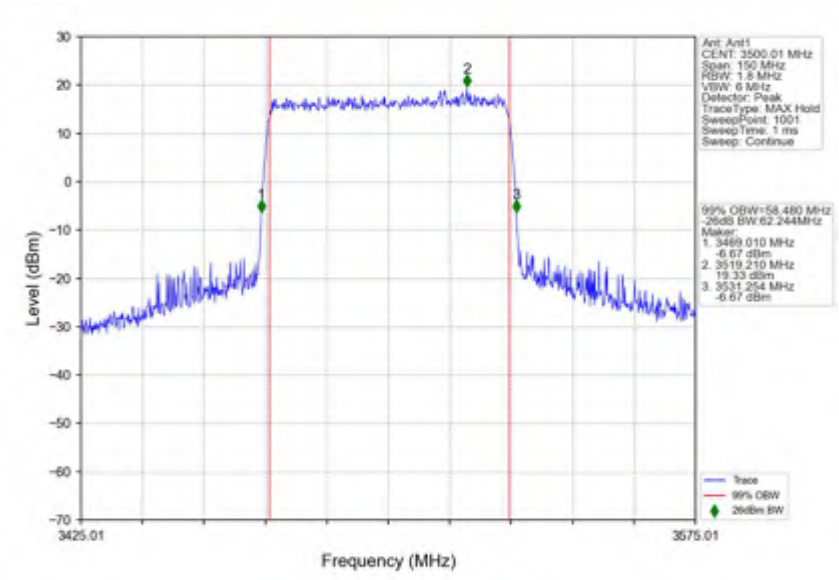
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3519.99MHz_Outer_Full



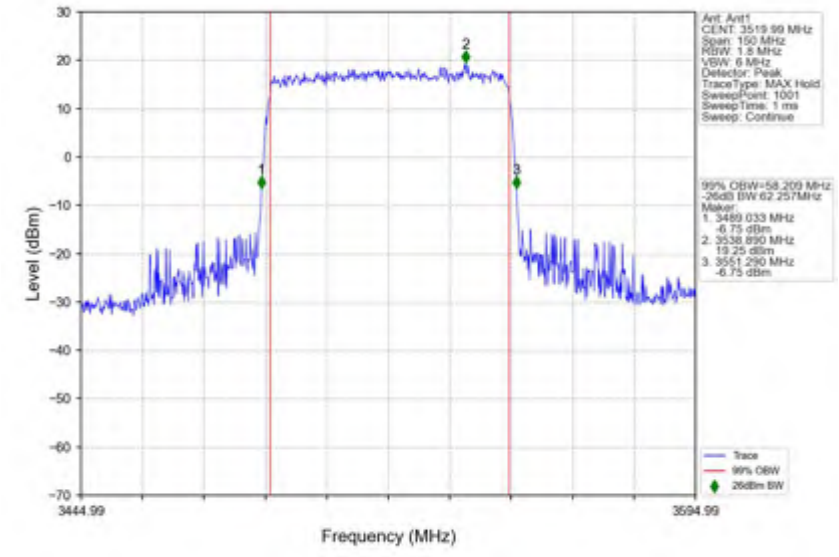
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3480MHz_Outer_Full



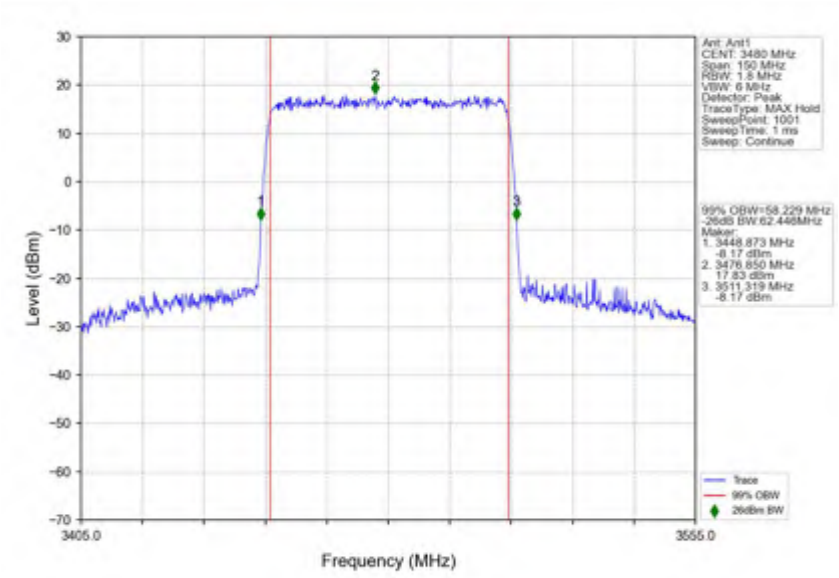
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full



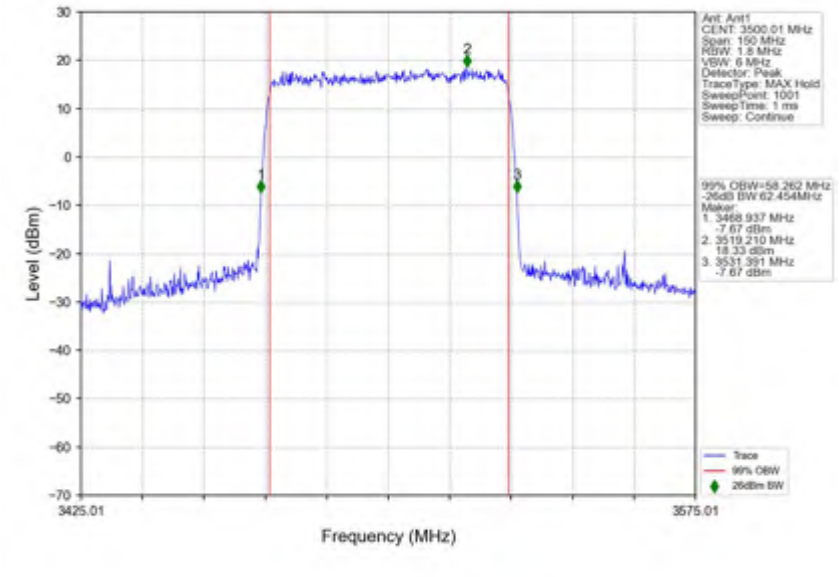
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3519.99MHz_Outer_Full



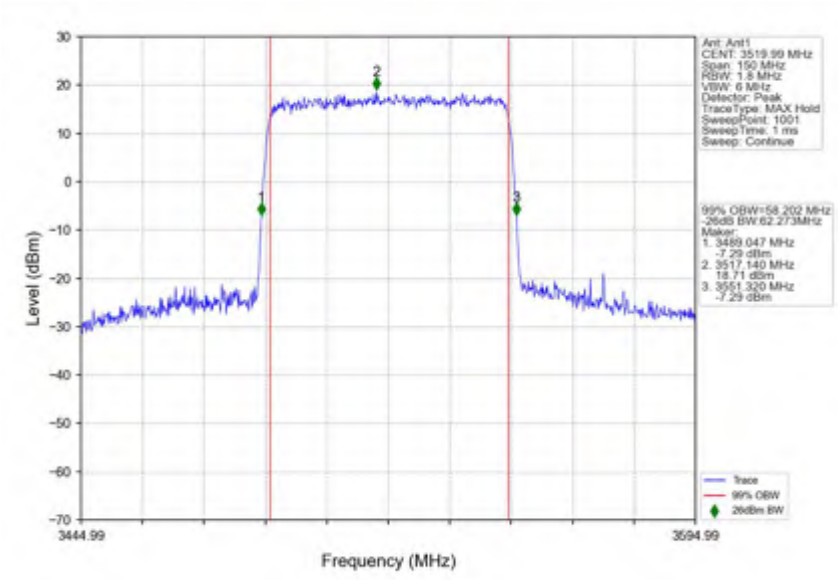
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 16 QAM_3480MHz_Outer_Full



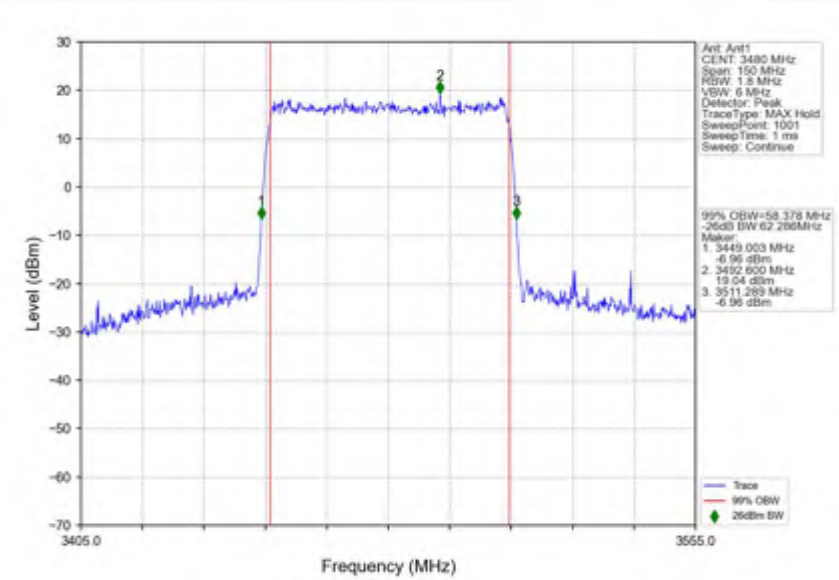
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full



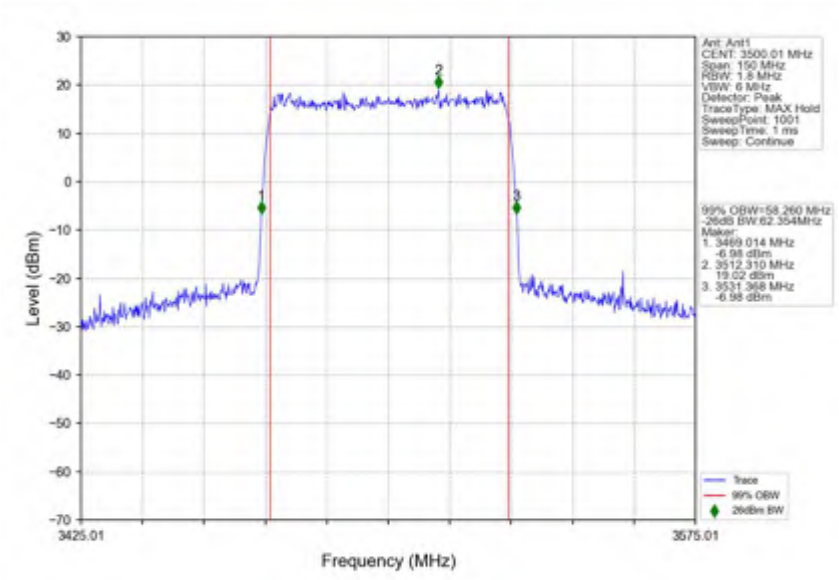
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 16 QAM_3519.99MHz_Outer_Full



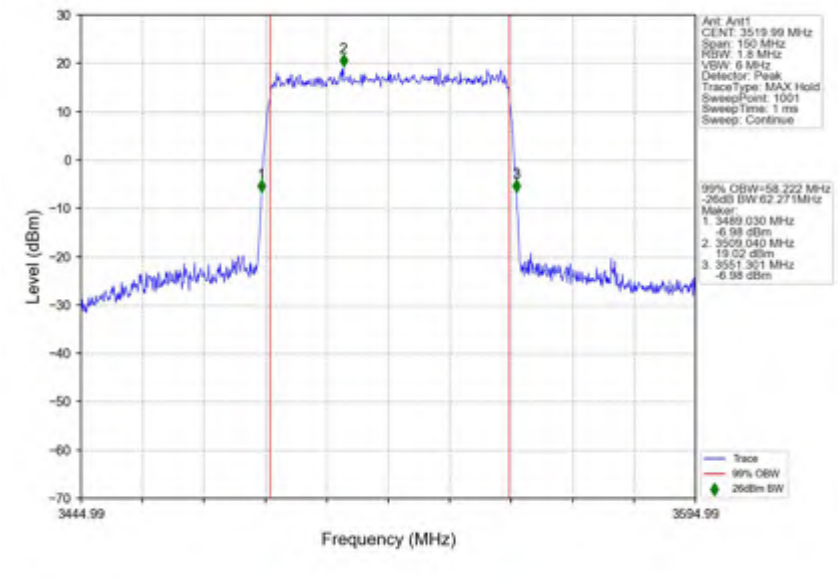
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 64 QAM_3480MHz_Outer_Full



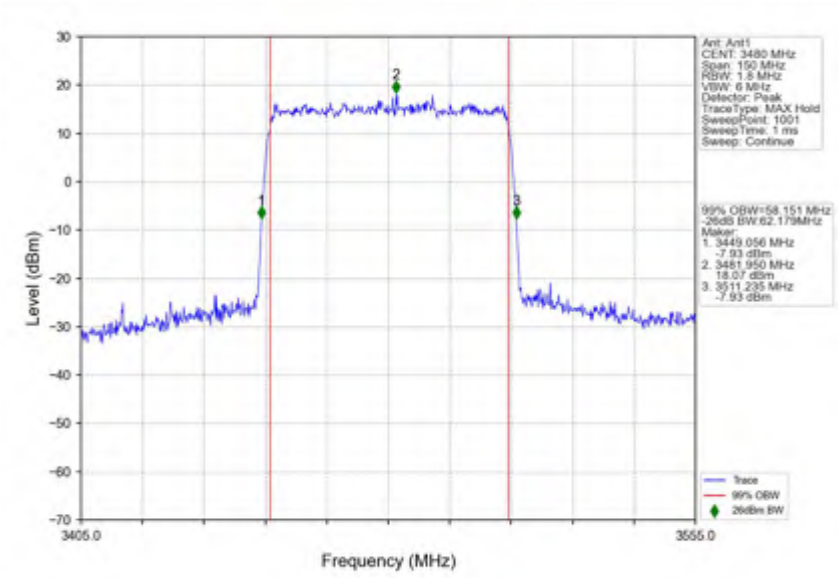
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full



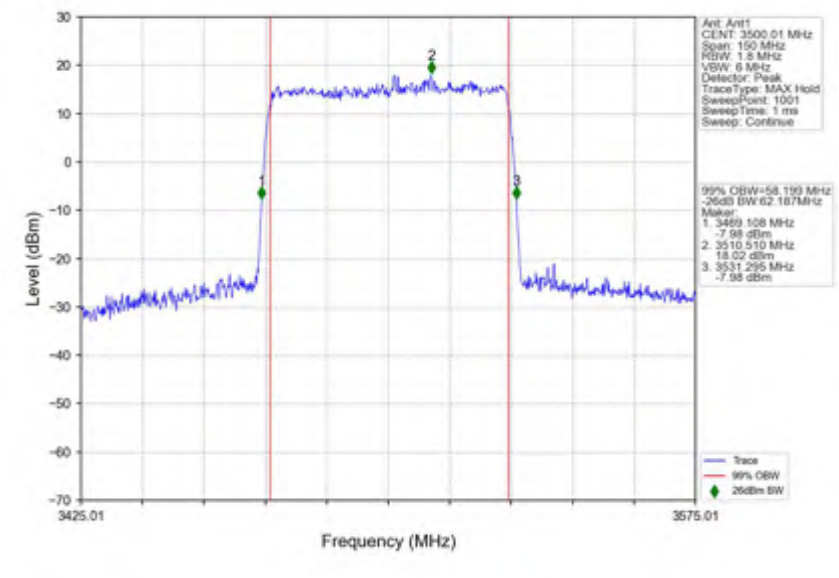
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 64 QAM_3519.99MHz_Outer_Full



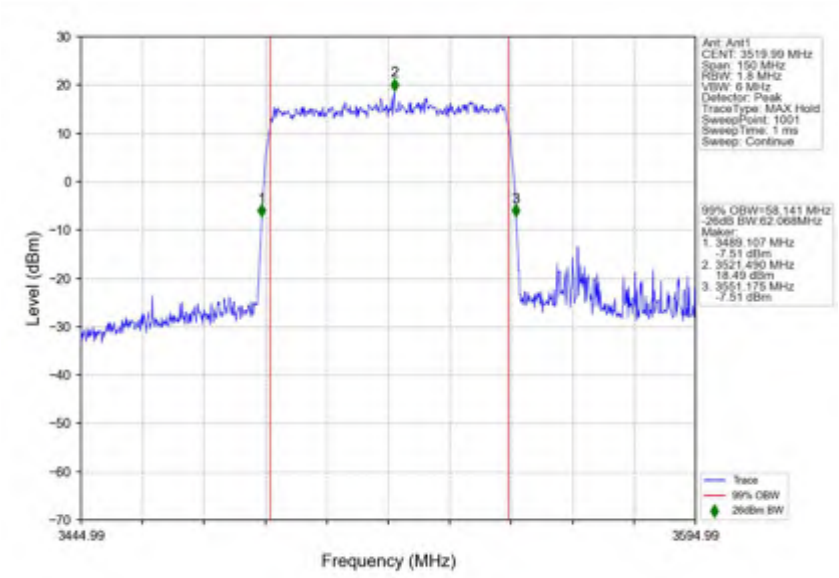
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 256 QAM_3480MHz_Outer_Full



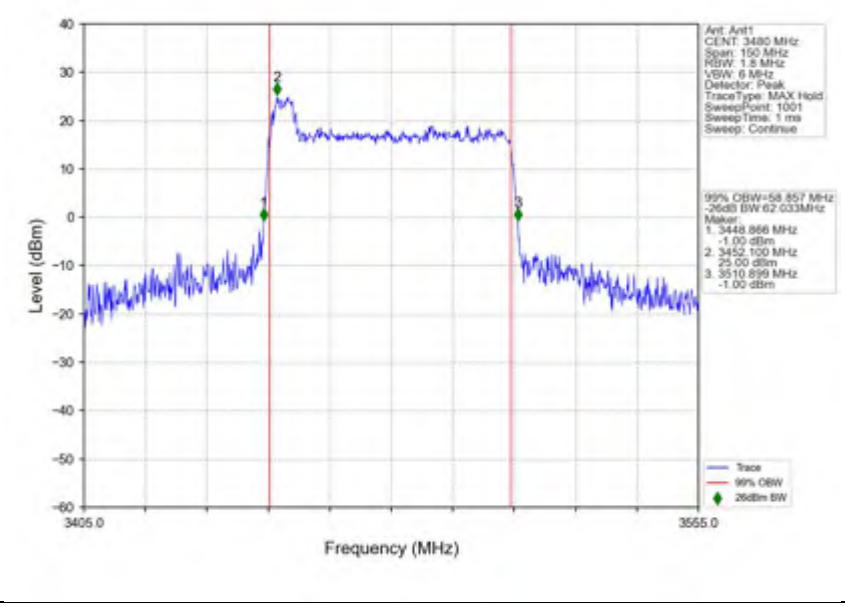
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 256 QAM_3500.01MHz_Outer_Full



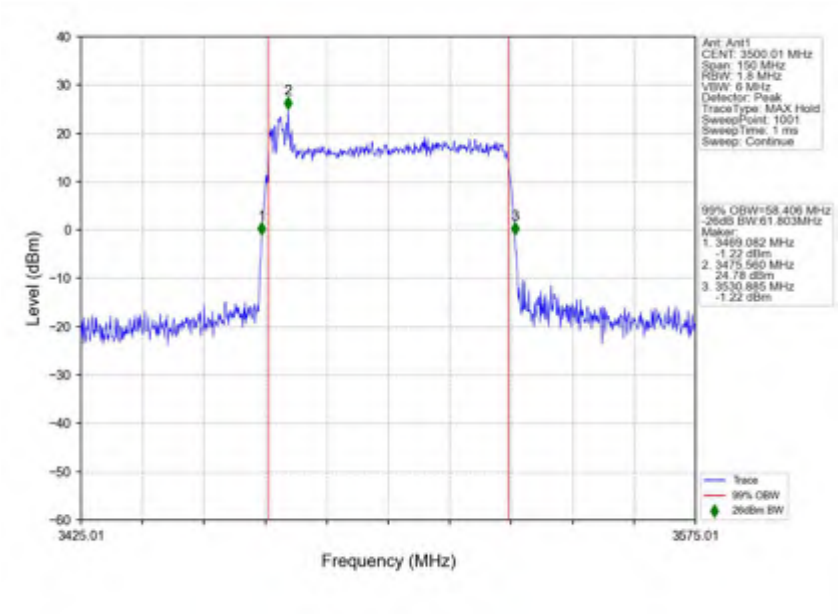
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 256 QAM_3519.99MHz_Outer_Full



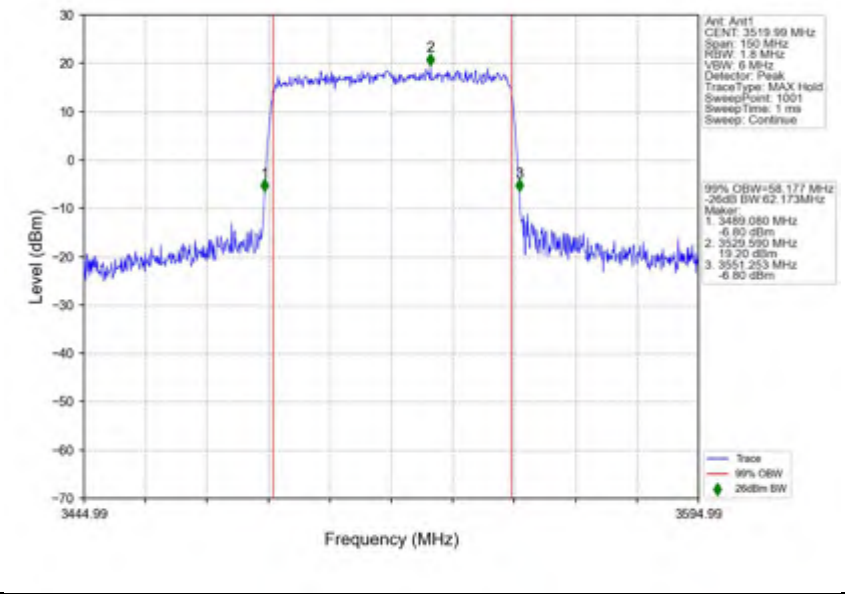
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_3480MHz_Outer_Full



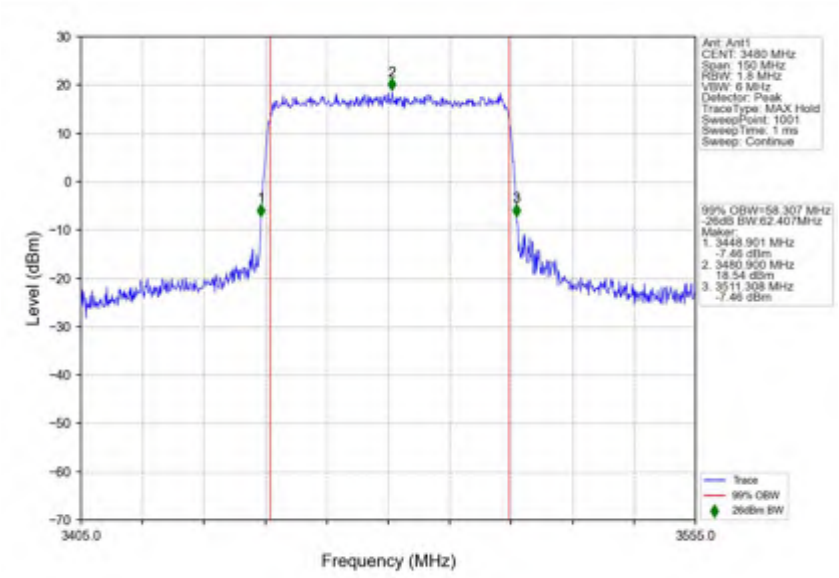
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full



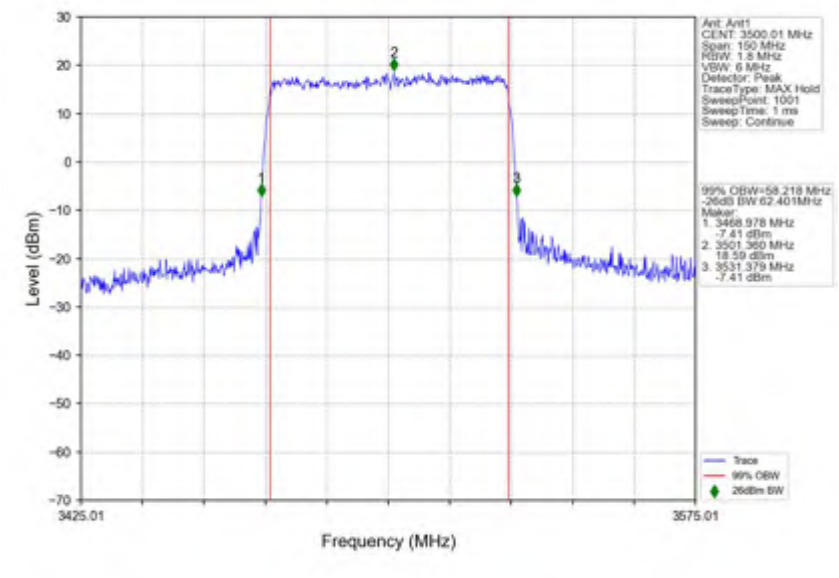
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_3519.99MHz_Outer_Full



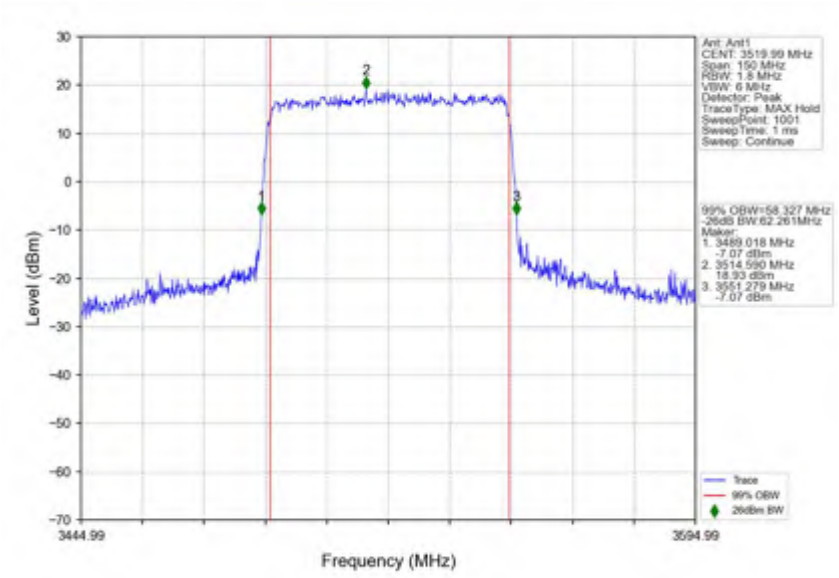
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM_3480MHz_Outer_Full



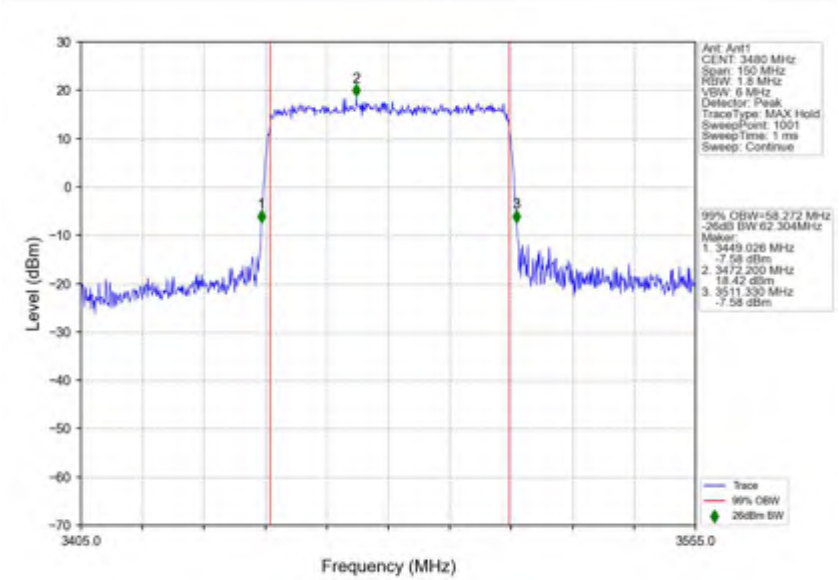
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full



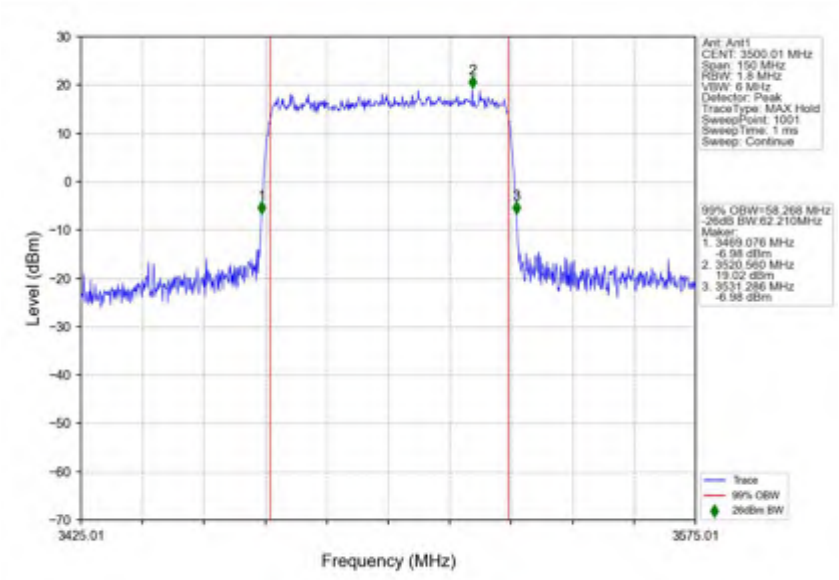
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM_3519.99MHz_Outer_Full



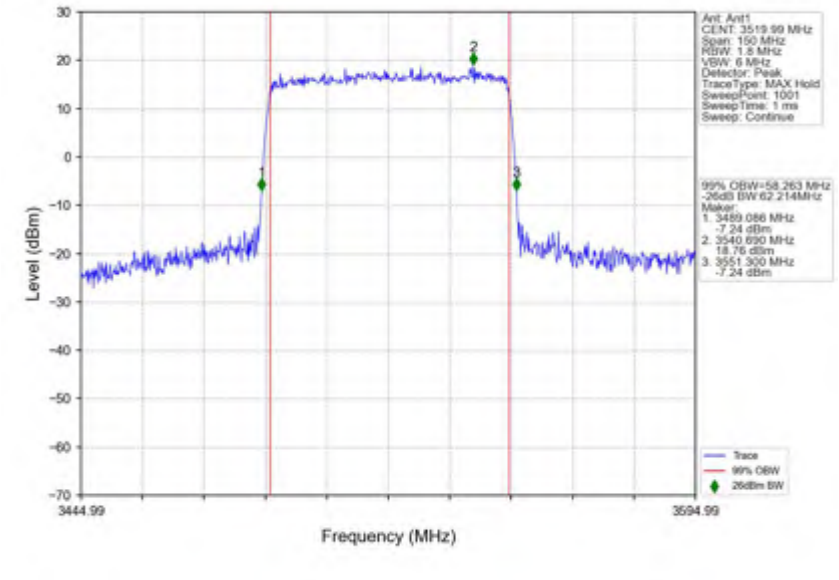
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM_3480MHz_Outer_Full



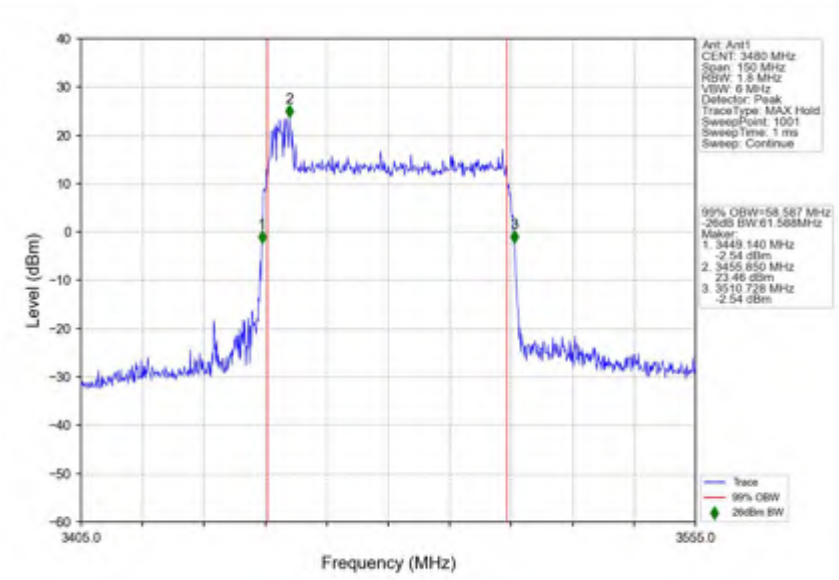
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full



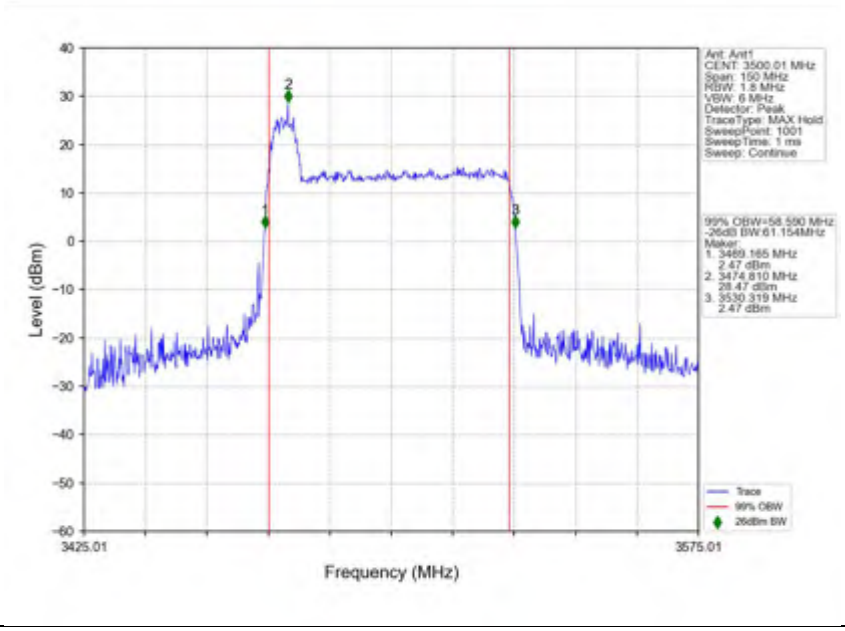
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM_3519.99MHz_Outer_Full



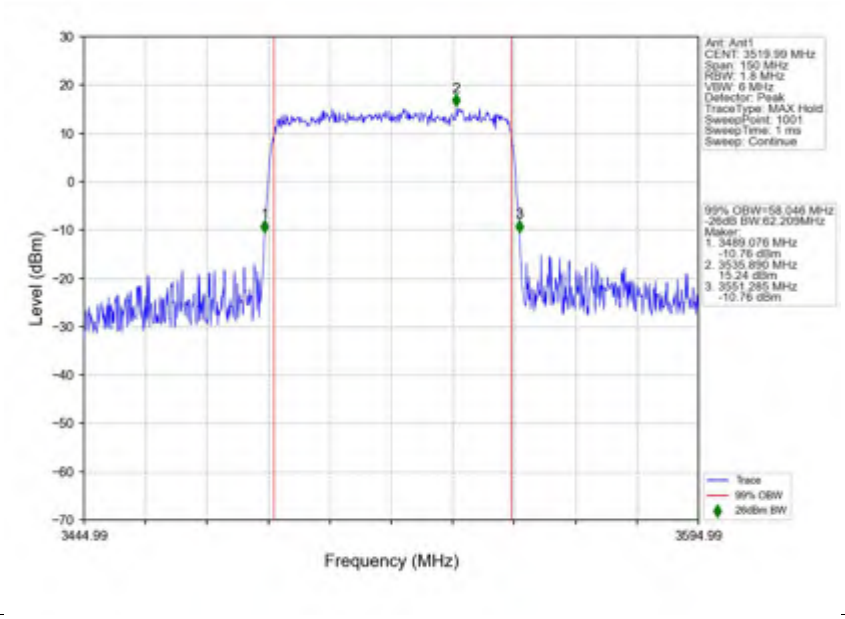
n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM_3480MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM_3519.99MHz_Outer_Full



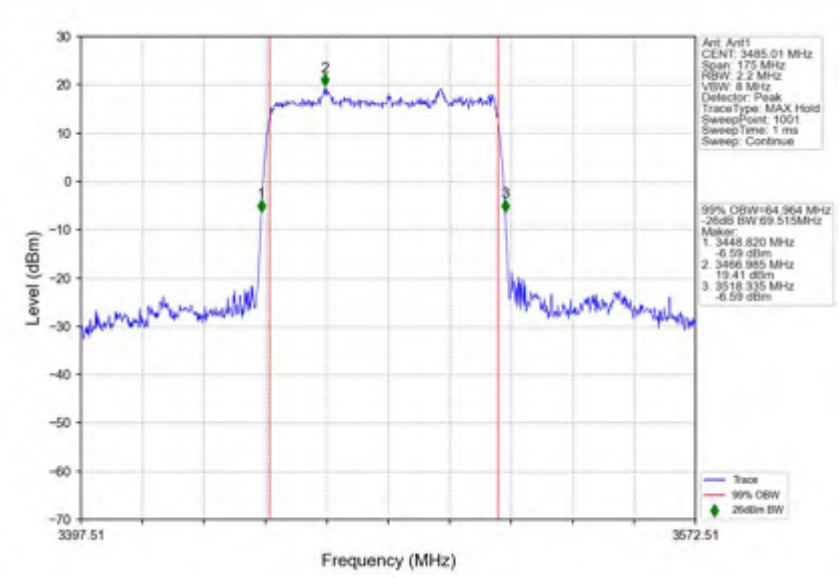
3.6 30k_SISO_70MHz_NTNV

3.6.1 Test Result

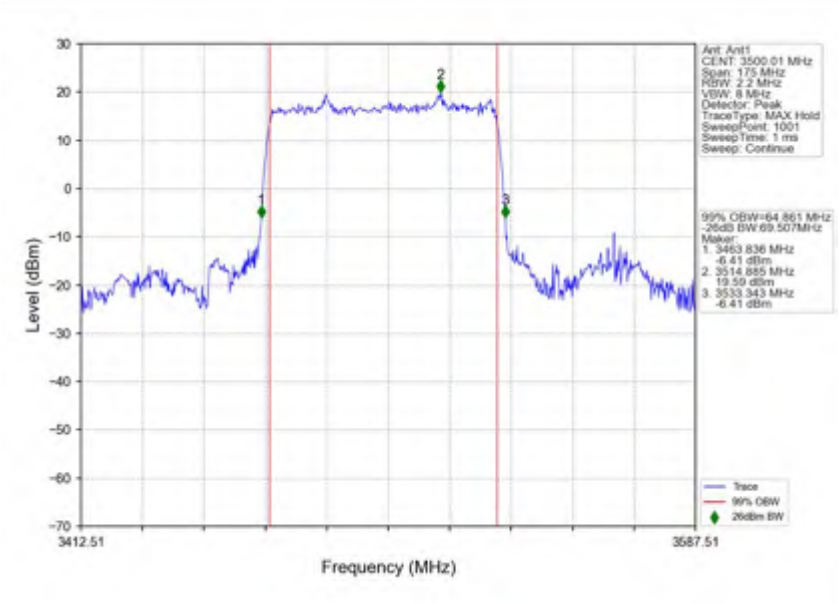
5G NR n78(3450-3550MHz) SCS=30kHz SISO 70MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3485.01	Outer_Full	64.96	69.52	/	Pass
	3500.01	Outer_Full	64.86	69.51	/	Pass
	3514.98	Outer_Full	64.78	69.25	/	Pass
DFT-s-OFDM QPSK	3485.01	Outer_Full	65.02	69.72	/	Pass
	3500.01	Outer_Full	65.11	69.72	/	Pass
	3514.98	Outer_Full	64.79	69.57	/	Pass
DFT-s-OFDM 16 QAM	3485.01	Outer_Full	65.27	69.64	/	Pass
	3500.01	Outer_Full	65.14	69.65	/	Pass
	3514.98	Outer_Full	64.94	69.25	/	Pass
DFT-s-OFDM 64 QAM	3485.01	Outer_Full	65.06	69.66	/	Pass
	3500.01	Outer_Full	64.98	69.56	/	Pass
	3514.98	Outer_Full	65.12	69.46	/	Pass
DFT-s-OFDM 256 QAM	3485.01	Outer_Full	65.12	68.73	/	Pass
	3500.01	Outer_Full	64.83	69.53	/	Pass
	3514.98	Outer_Full	64.84	68.94	/	Pass
CP-OFDM QPSK	3485.01	Outer_Full	68.64	72.17	/	Pass
	3500.01	Outer_Full	68.64	72.44	/	Pass
	3514.98	Outer_Full	68.02	72.72	/	Pass
CP-OFDM 16 QAM	3485.01	Outer_Full	68.05	72.94	/	Pass
	3500.01	Outer_Full	68.24	72.73	/	Pass
	3514.98	Outer_Full	68.08	72.52	/	Pass
CP-OFDM 64 QAM	3485.01	Outer_Full	68.31	72.80	/	Pass
	3500.01	Outer_Full	68.07	72.87	/	Pass
	3514.98	Outer_Full	67.98	72.49	/	Pass
CP-OFDM 256 QAM	3485.01	Outer_Full	67.93	72.72	/	Pass
	3500.01	Outer_Full	68.64	71.68	/	Pass
	3514.98	Outer_Full	68.68	72.13	/	Pass

3.6.2 Test Graph

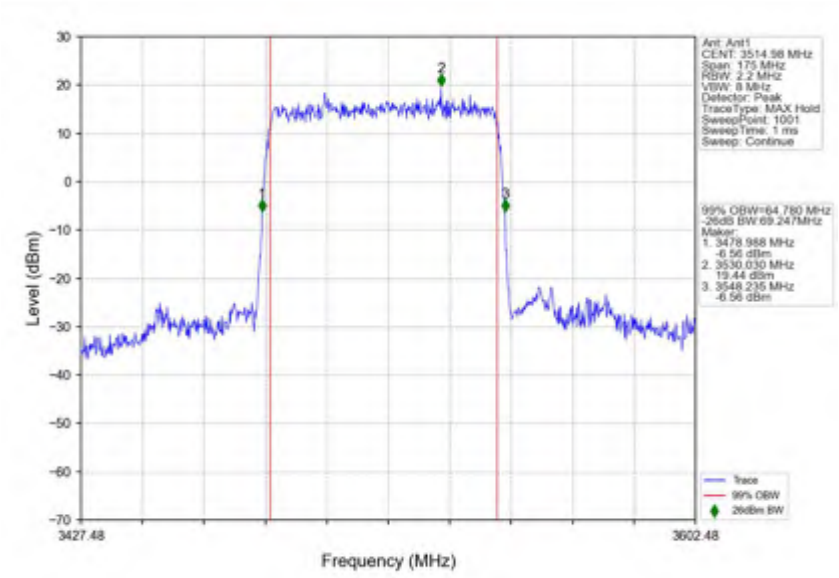
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3485.01MHz_Outer_Full



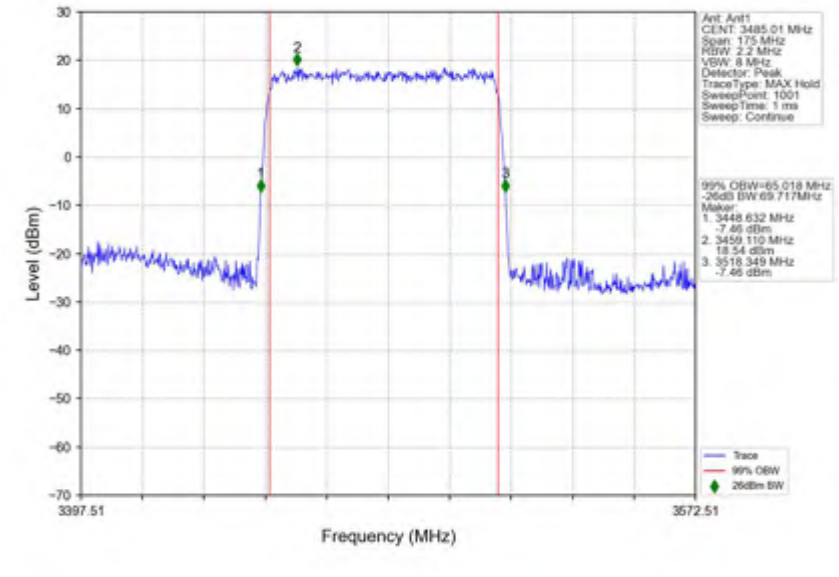
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full



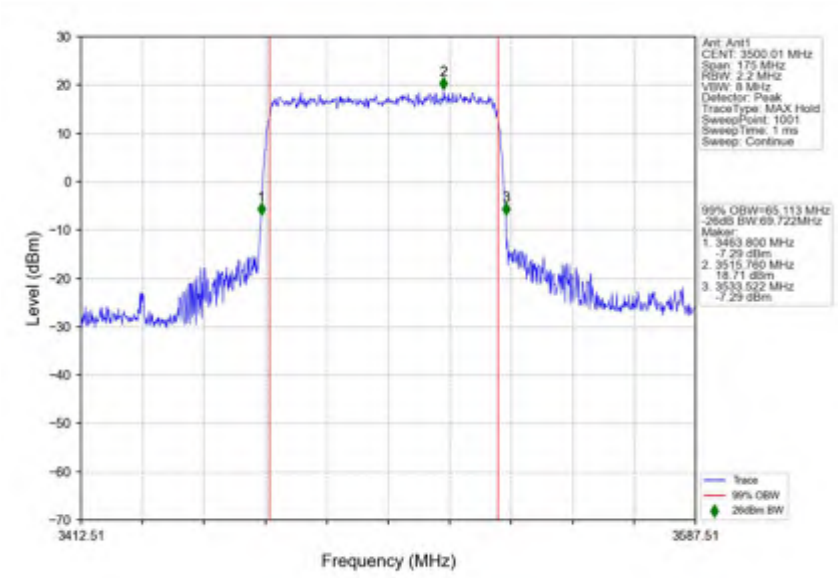
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3514.98MHz_Outer_Full



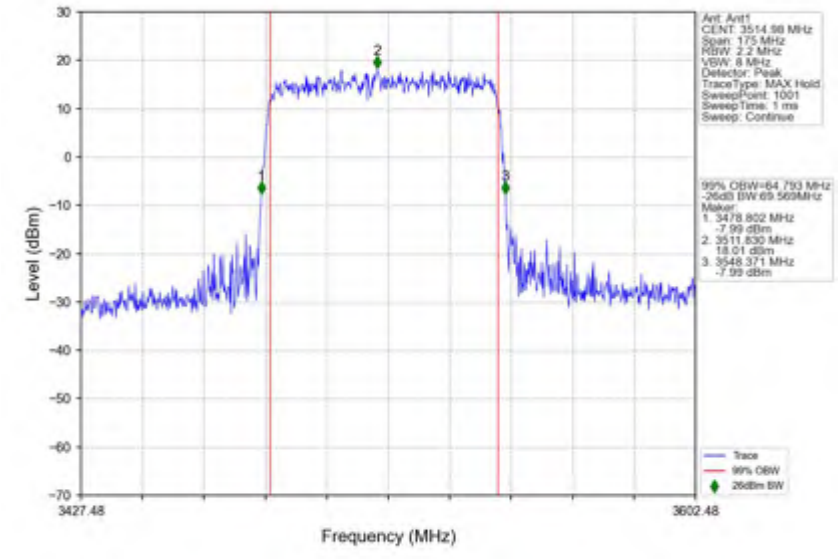
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM QPSK_3485.01MHz_Outer_Full



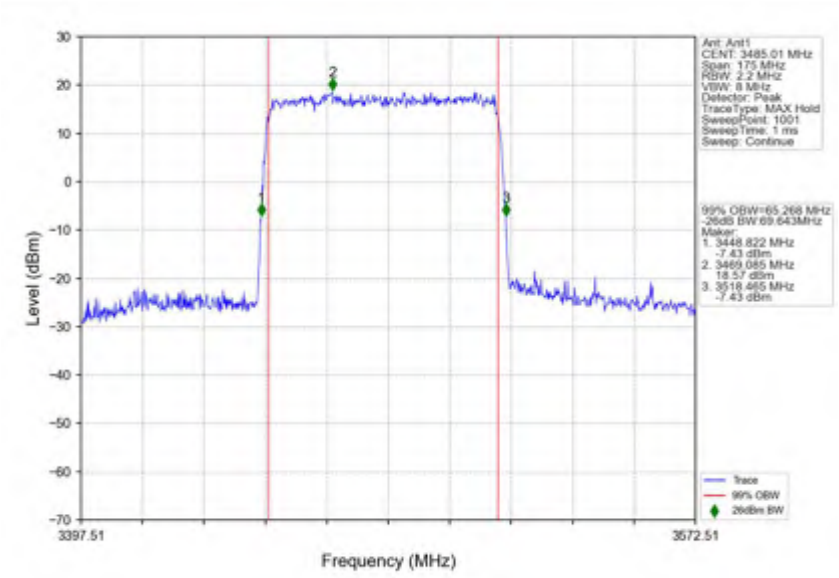
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full



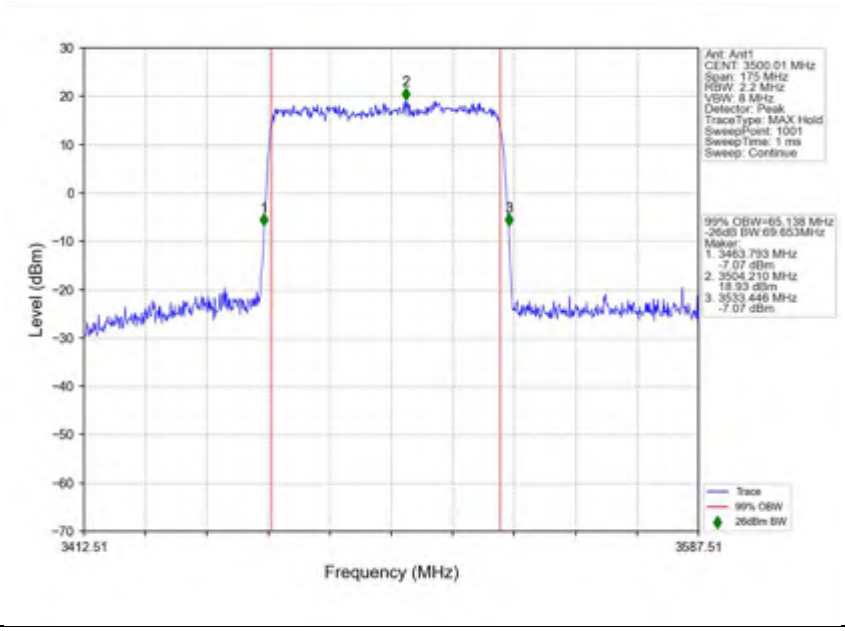
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM QPSK_3514.98MHz_Outer_Full



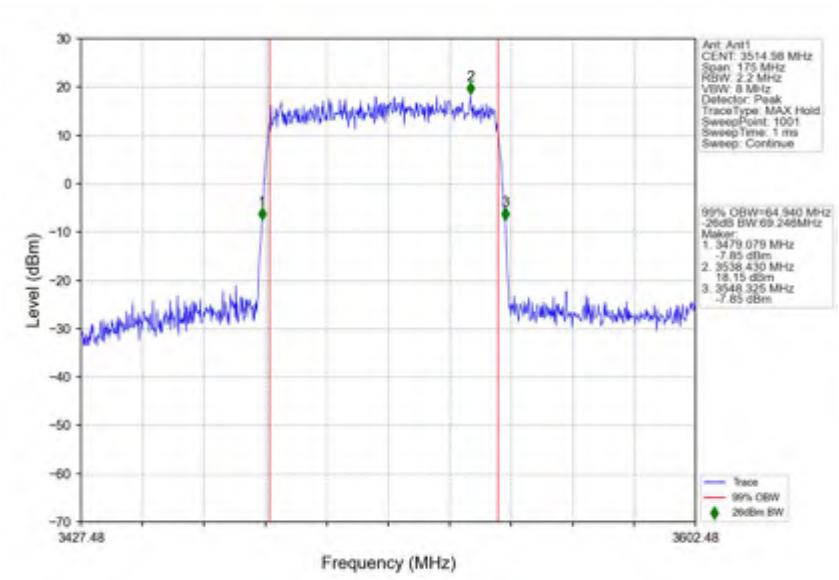
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 16 QAM_3485.01MHz_Outer_Full



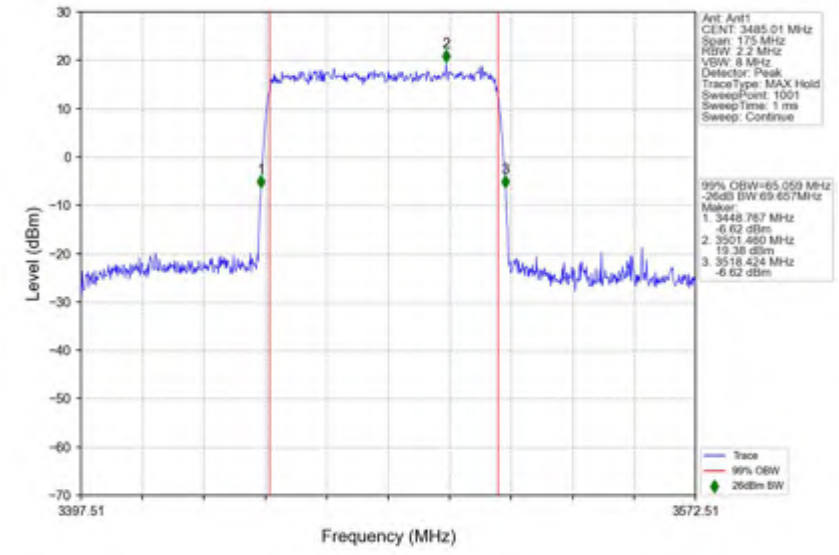
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full



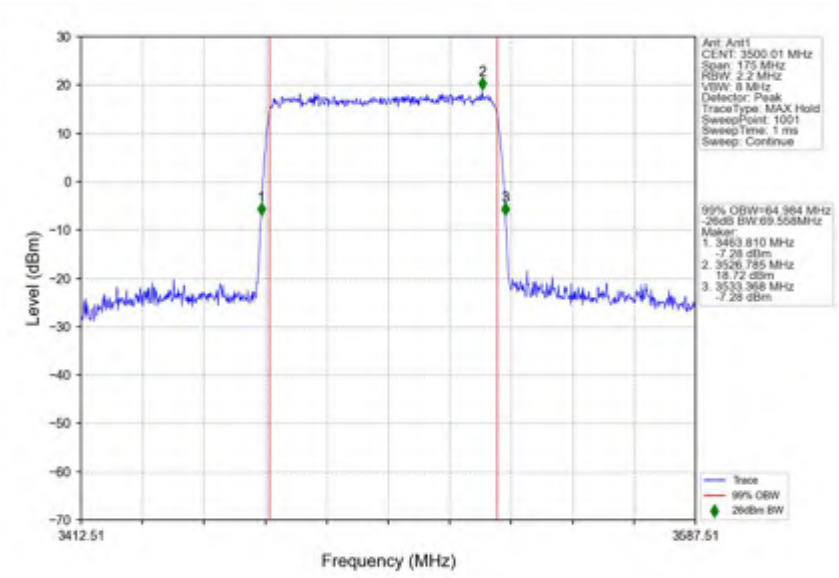
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 16 QAM_3514.98MHz_Outer_Full



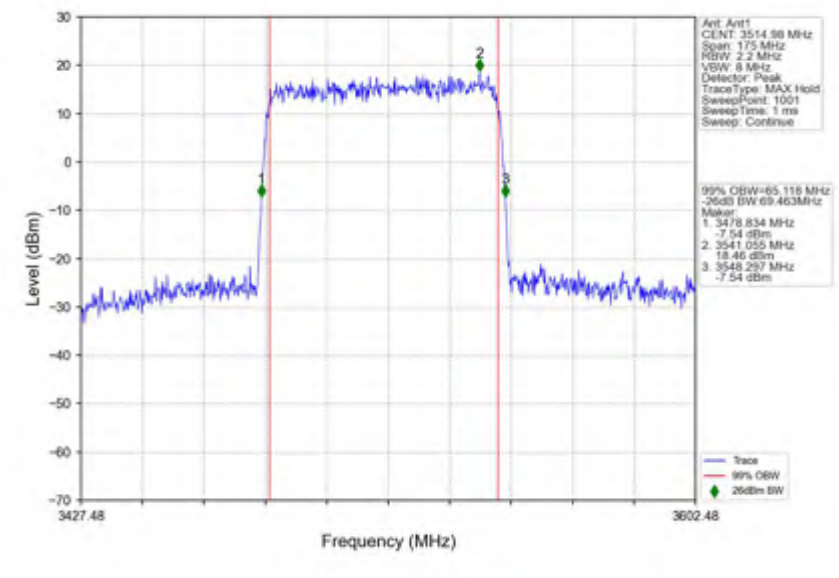
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 64 QAM_3485.01MHz_Outer_Full



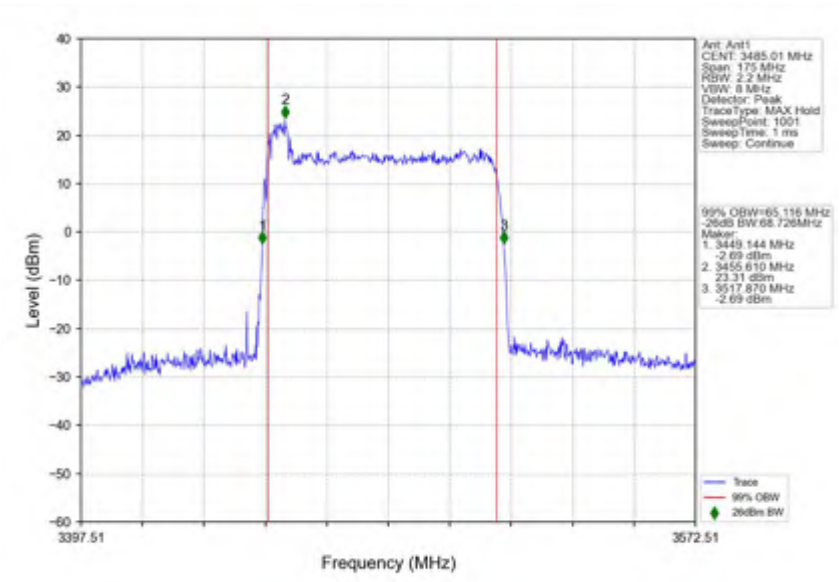
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full



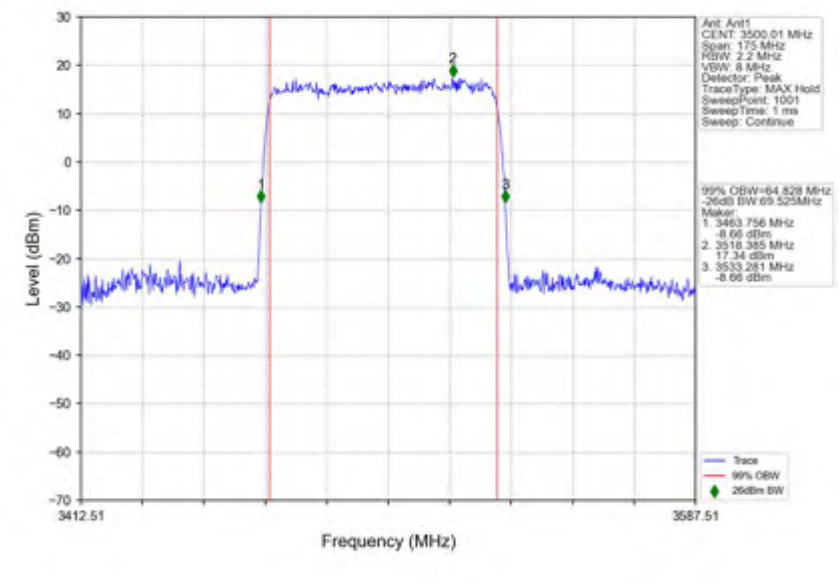
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 64 QAM_3514.98MHz_Outer_Full



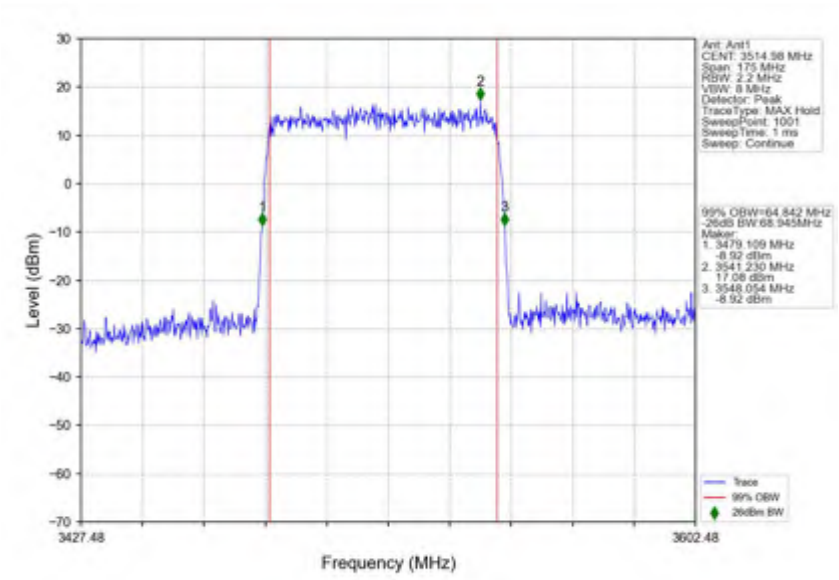
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 256 QAM_3485.01MHz_Outer_Full



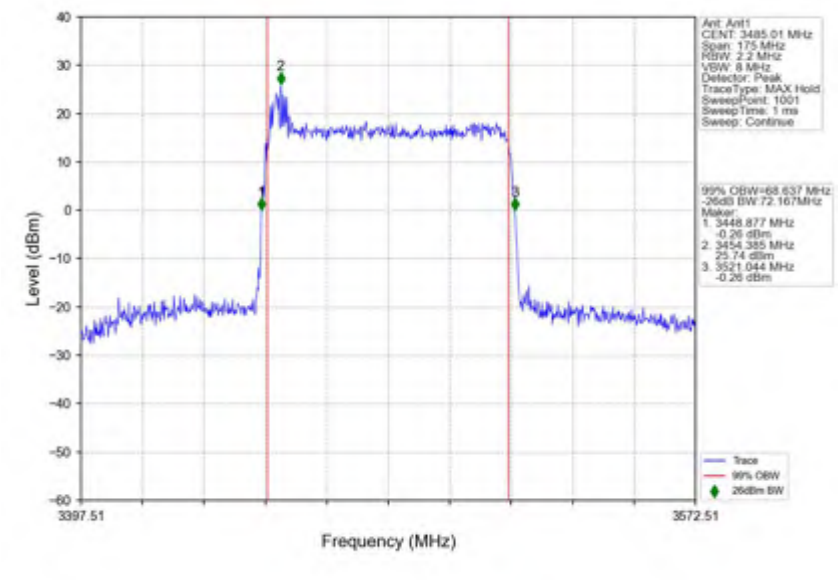
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 256 QAM_3500.01MHz_Outer_Full



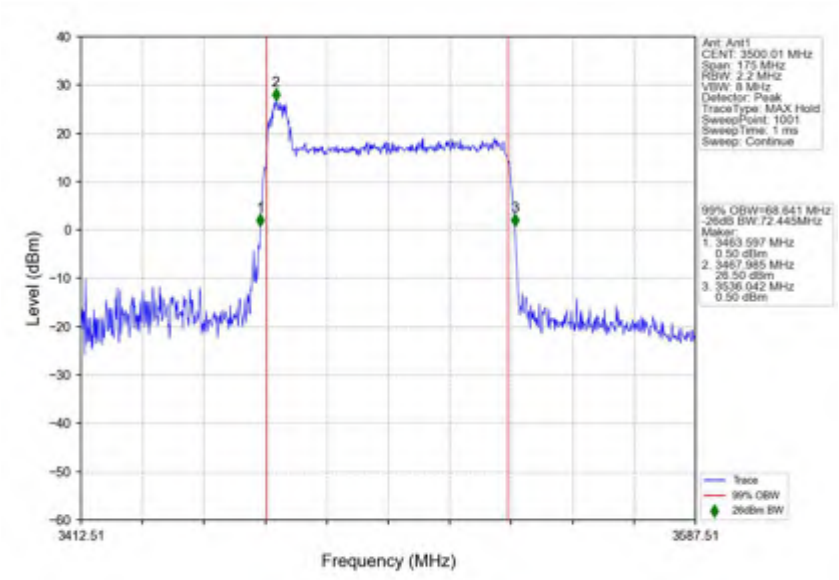
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 256 QAM_3514.98MHz_Outer_Full



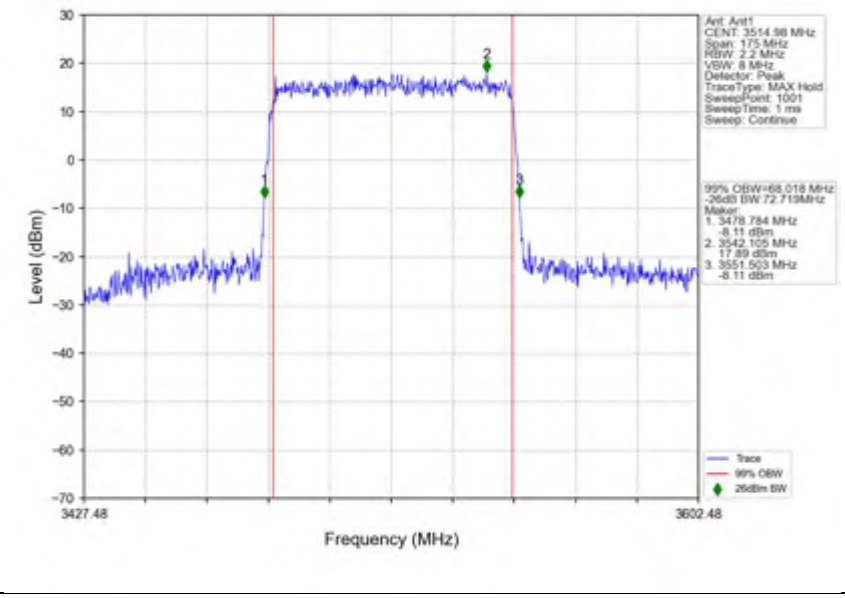
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3485.01MHz_Outer_Full



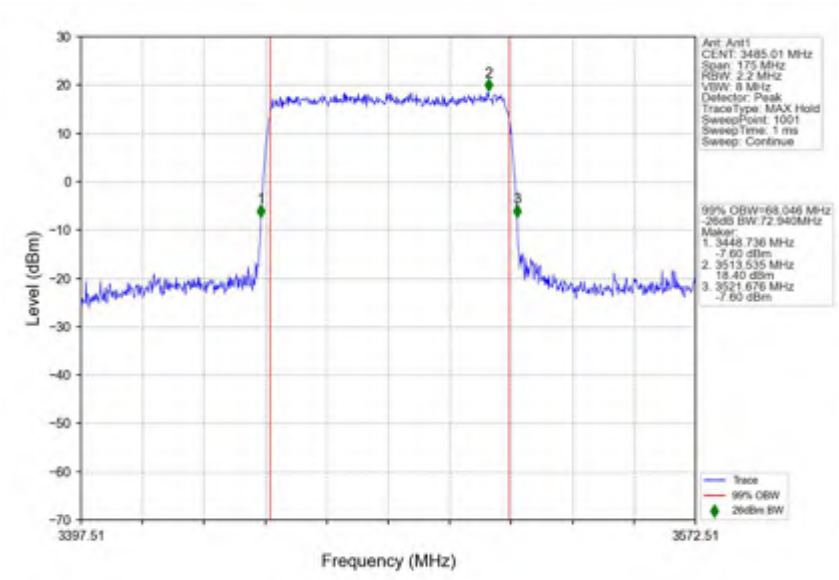
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full



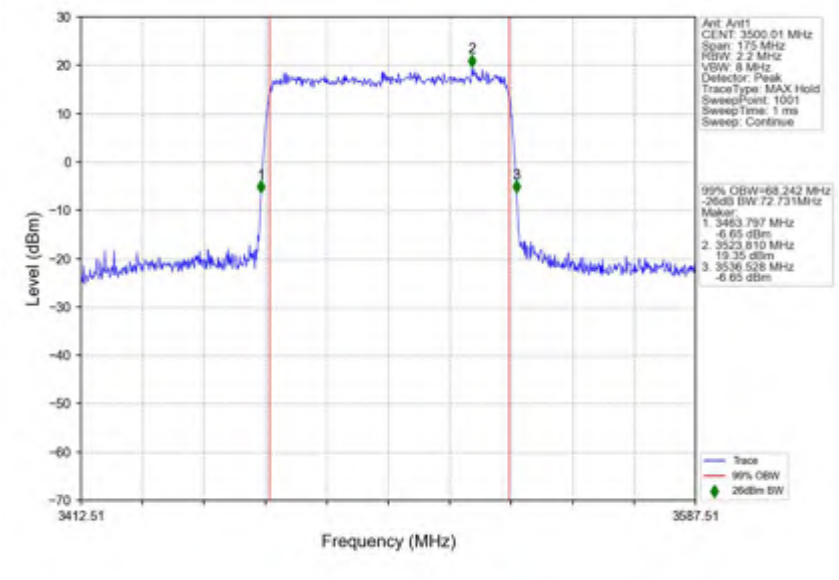
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3514.98MHz_Outer_Full



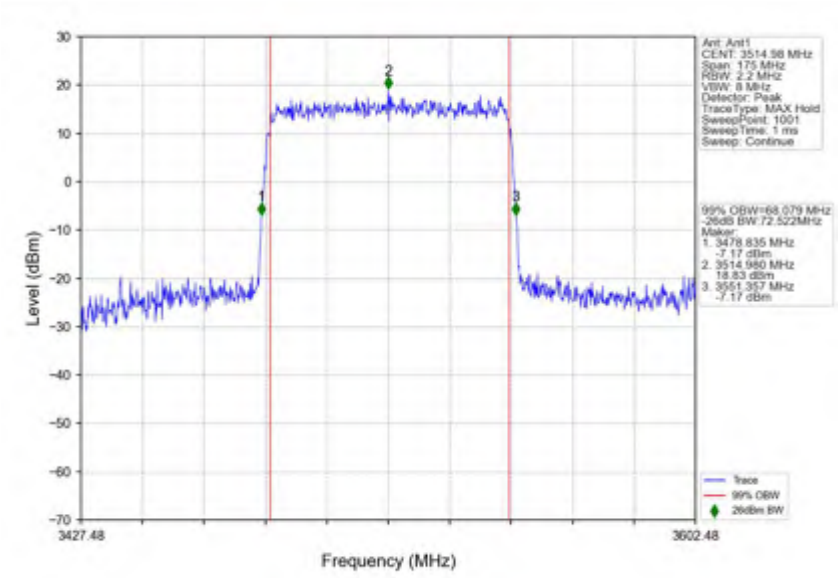
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 QAM_3485.01MHz_Outer_Full



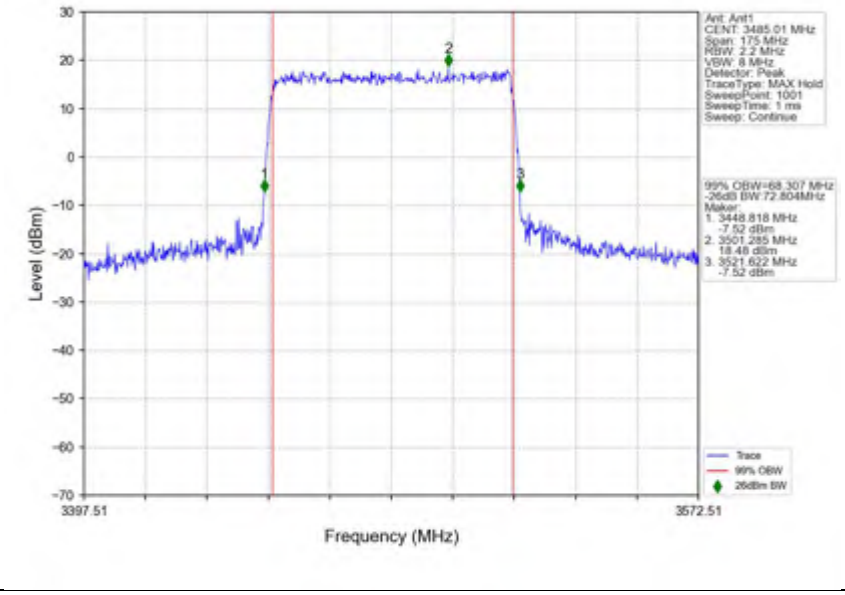
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full



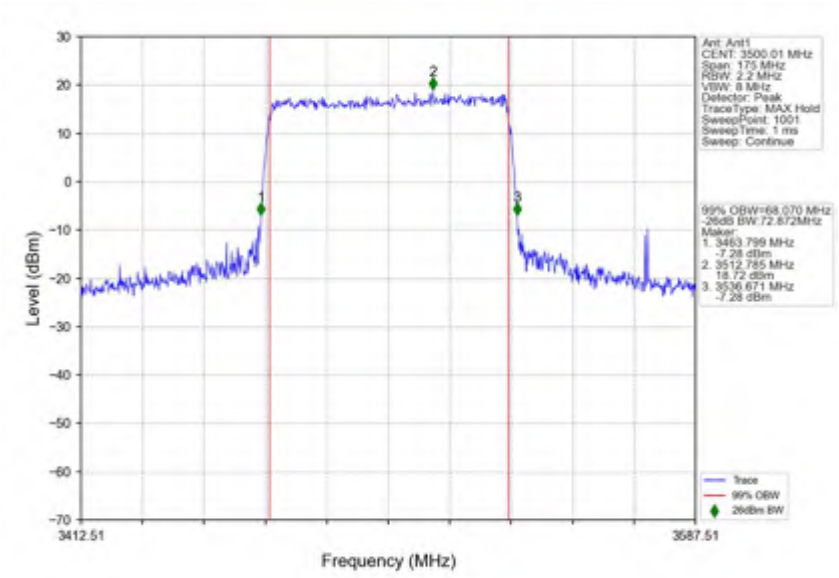
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 QAM_3514.98MHz_Outer_Full



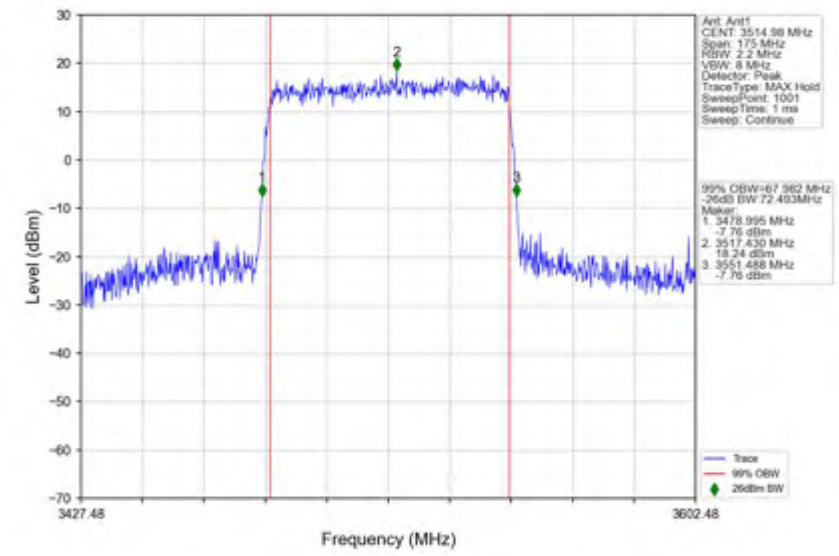
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM_3485.01MHz_Outer_Full



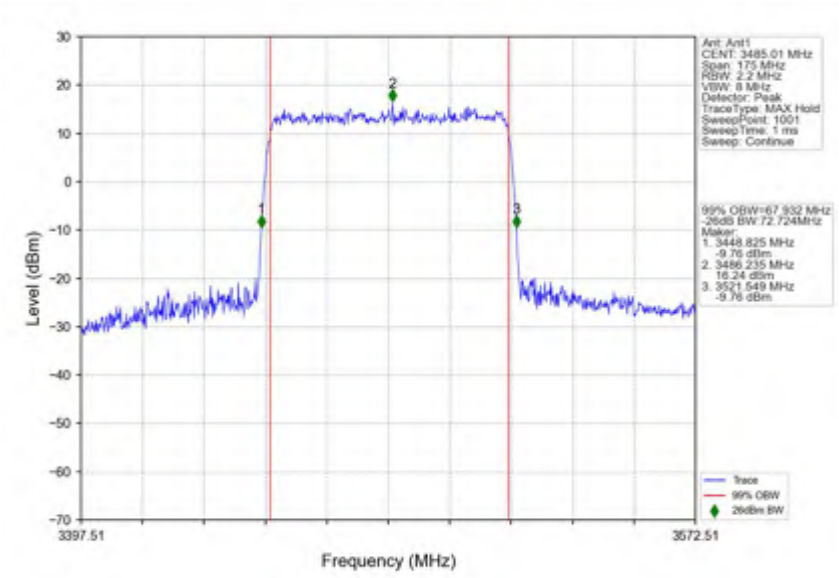
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full



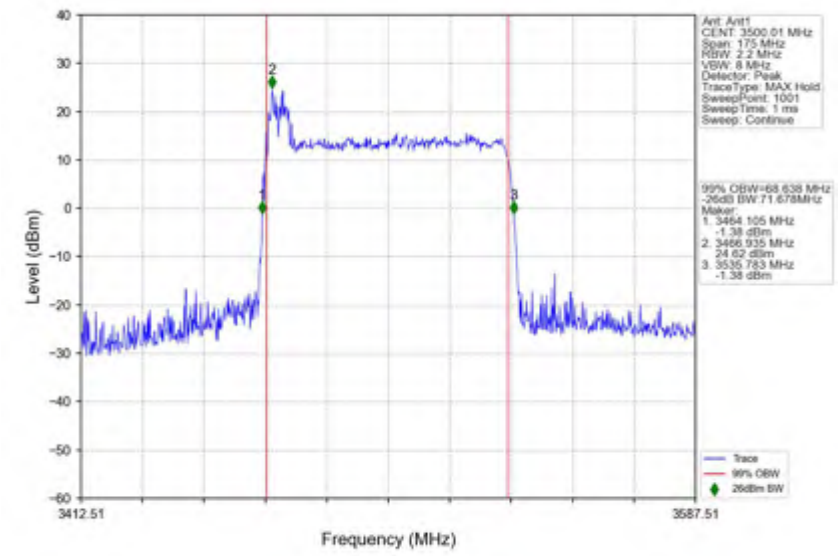
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM_3514.98MHz_Outer_Full



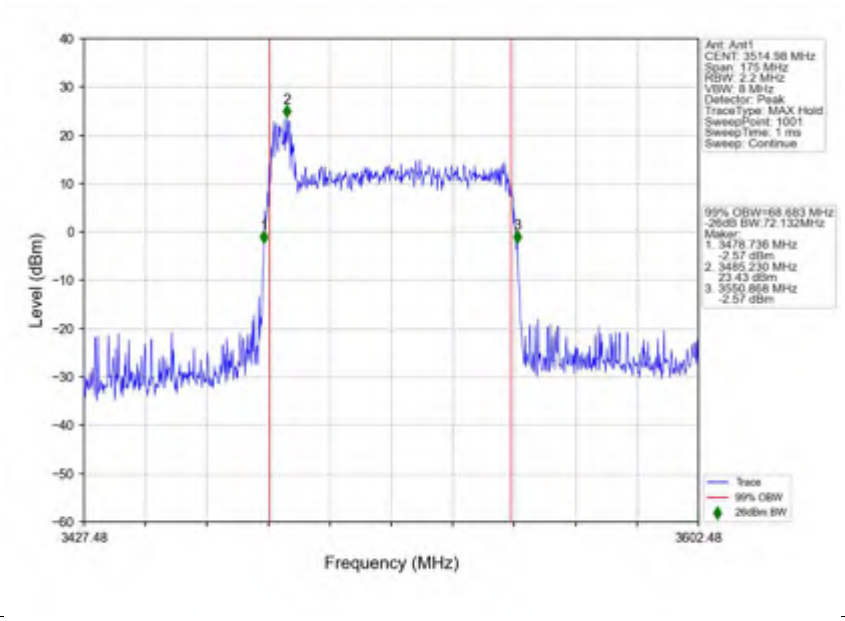
n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM 256 QAM_3485.01MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM 256 QAM_3514.98MHz_Outer_Full



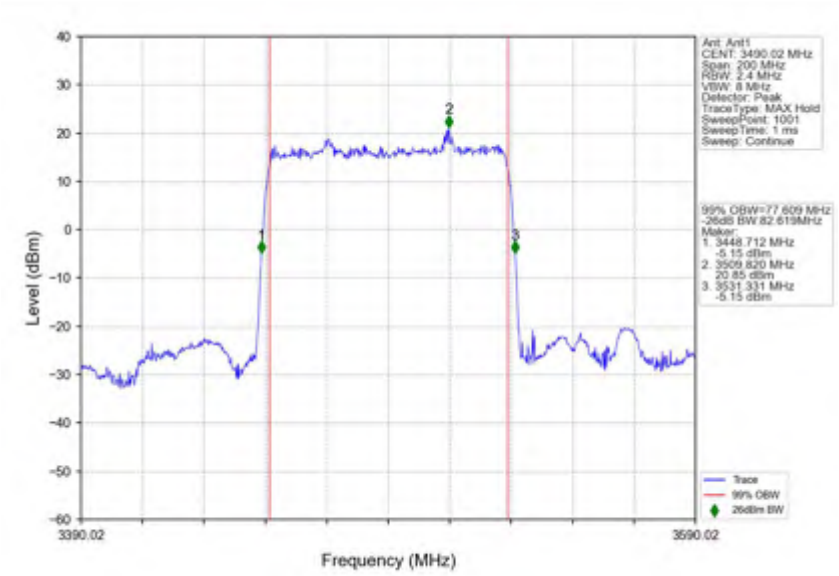
3.7 30k_SISO_80MHz_NTNV

3.7.1 Test Result

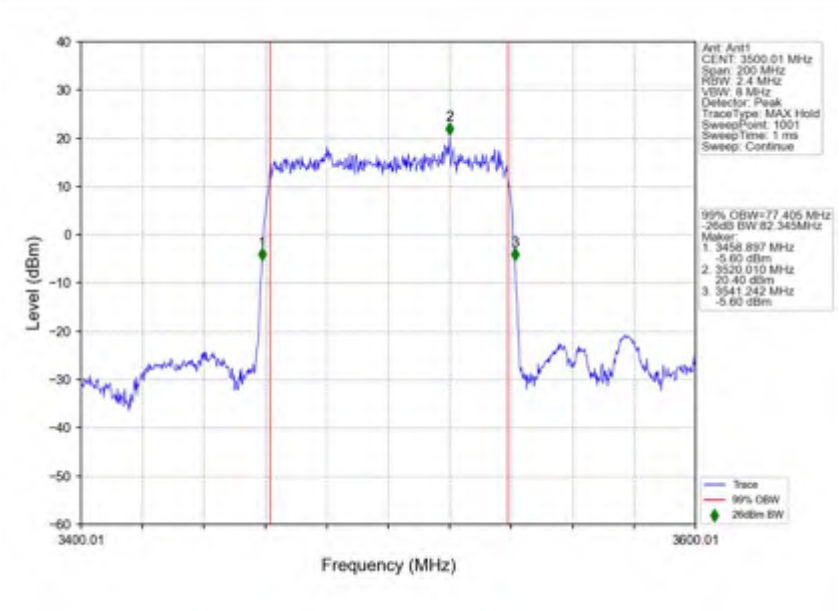
5G NR n78(3450-3550MHz) SCS=30kHz SISO 80MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3490.02	Outer_Full	77.61	82.62	/	Pass
	3500.01	Outer_Full	77.41	82.34	/	Pass
	3510	Outer_Full	77.28	82.55	/	Pass
DFT-s-OFDM QPSK	3490.02	Outer_Full	77.73	83.00	/	Pass
	3500.01	Outer_Full	77.59	82.75	/	Pass
	3510	Outer_Full	77.95	82.75	/	Pass
DFT-s-OFDM 16 QAM	3490.02	Outer_Full	78.14	83.25	/	Pass
	3500.01	Outer_Full	77.90	82.62	/	Pass
	3510	Outer_Full	77.74	83.11	/	Pass
DFT-s-OFDM 64 QAM	3490.02	Outer_Full	77.77	82.85	/	Pass
	3500.01	Outer_Full	77.68	83.11	/	Pass
	3510	Outer_Full	77.74	82.84	/	Pass
DFT-s-OFDM 256 QAM	3490.02	Outer_Full	78.22	82.53	/	Pass
	3500.01	Outer_Full	77.52	82.88	/	Pass
	3510	Outer_Full	77.52	82.82	/	Pass
CP-OFDM QPSK	3490.02	Outer_Full	77.92	83.39	/	Pass
	3500.01	Outer_Full	78.75	81.85	/	Pass
	3510	Outer_Full	78.61	82.32	/	Pass
CP-OFDM 16 QAM	3490.02	Outer_Full	78.02	83.39	/	Pass
	3500.01	Outer_Full	78.36	82.41	/	Pass
	3510	Outer_Full	78.07	83.33	/	Pass
CP-OFDM 64 QAM	3490.02	Outer_Full	77.93	83.45	/	Pass
	3500.01	Outer_Full	78.04	83.34	/	Pass
	3510	Outer_Full	77.98	83.47	/	Pass
CP-OFDM 256 QAM	3490.02	Outer_Full	78.01	83.27	/	Pass
	3500.01	Outer_Full	78.08	83.50	/	Pass
	3510	Outer_Full	77.93	83.15	/	Pass

3.7.2 Test Graph

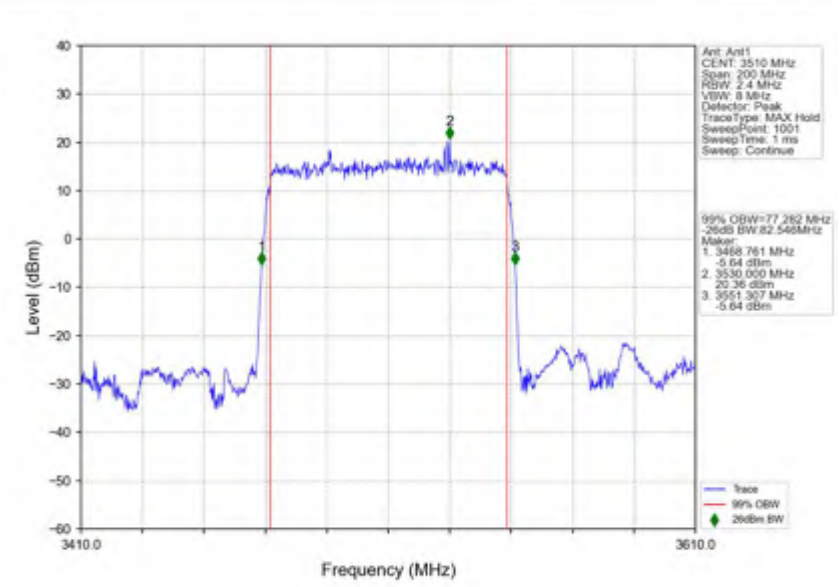
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3490.02MHz_Outer_Full



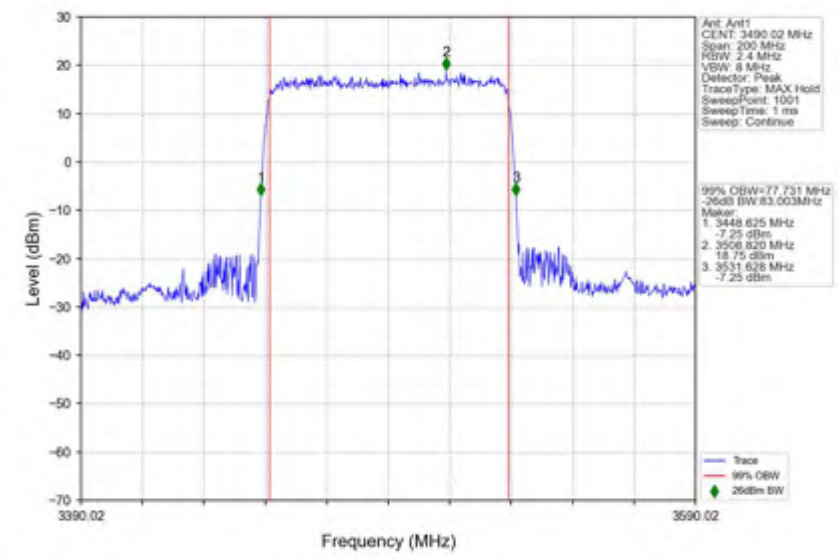
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full



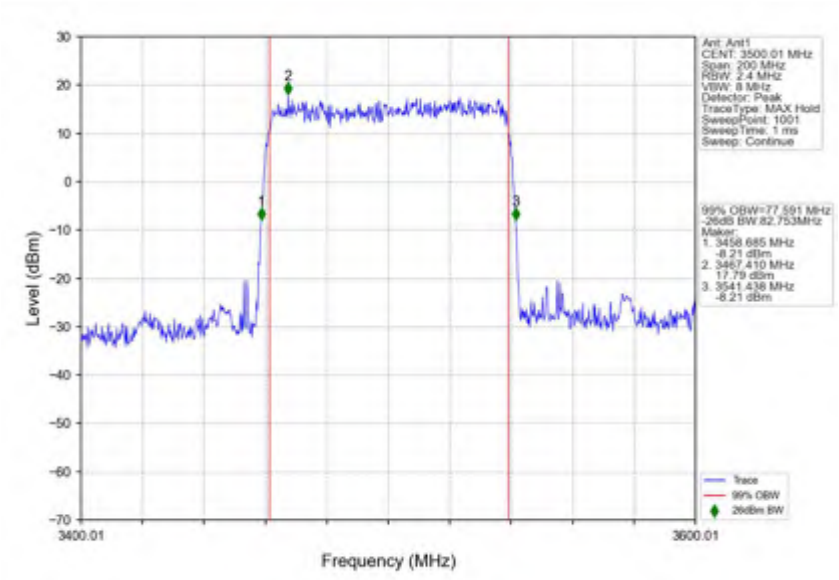
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3510MHz_Outer_Full



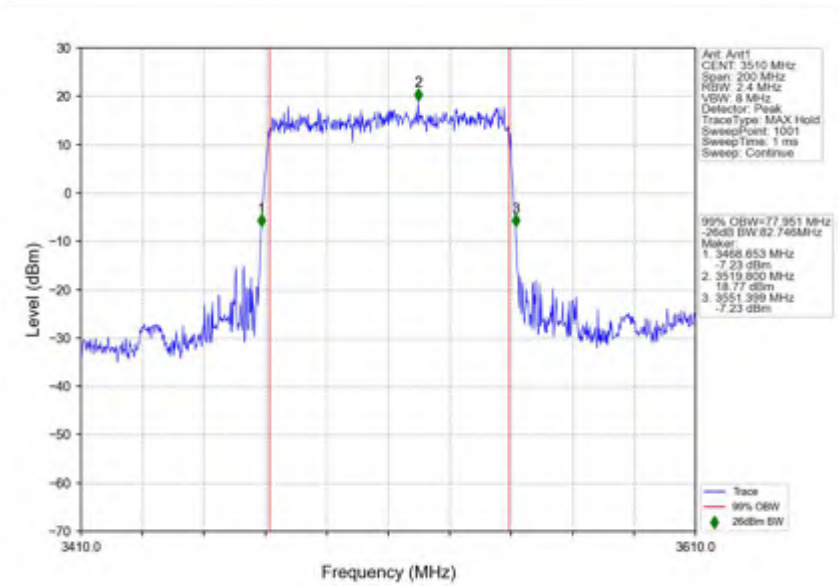
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3490.02MHz_Outer_Full



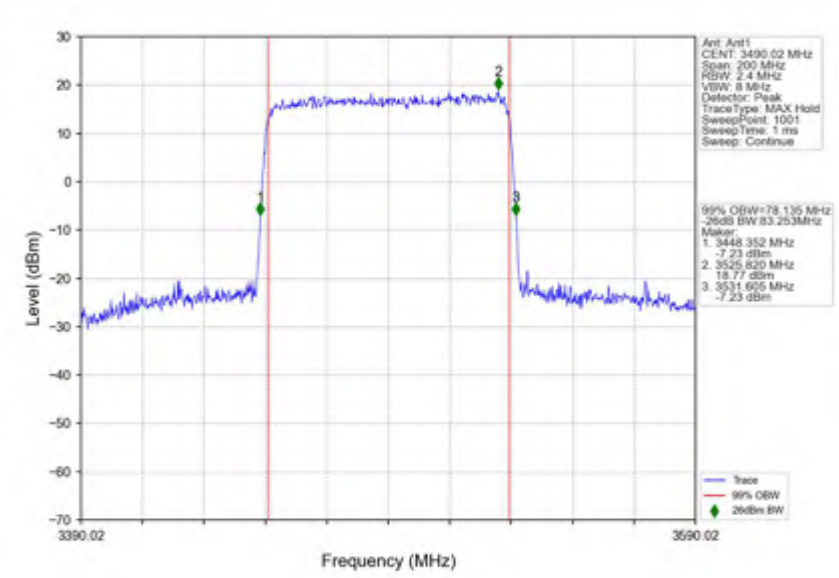
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full



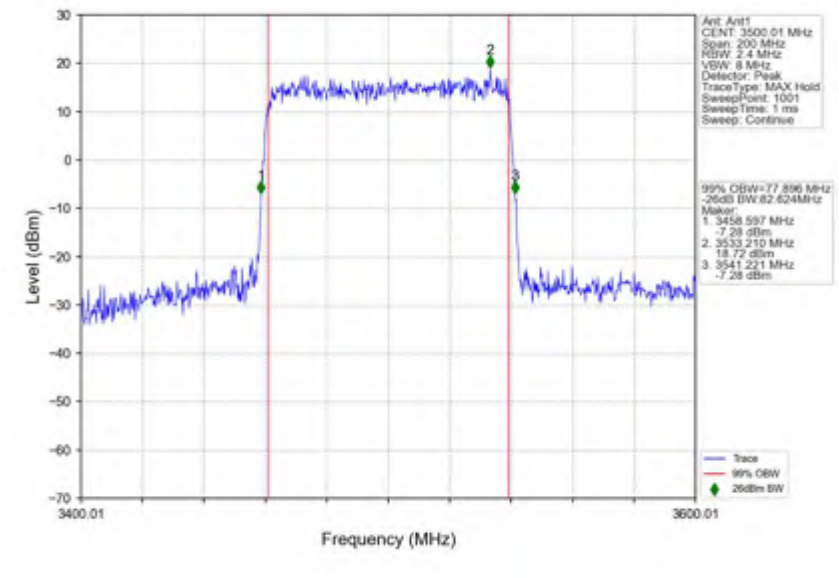
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3510MHz_Outer_Full



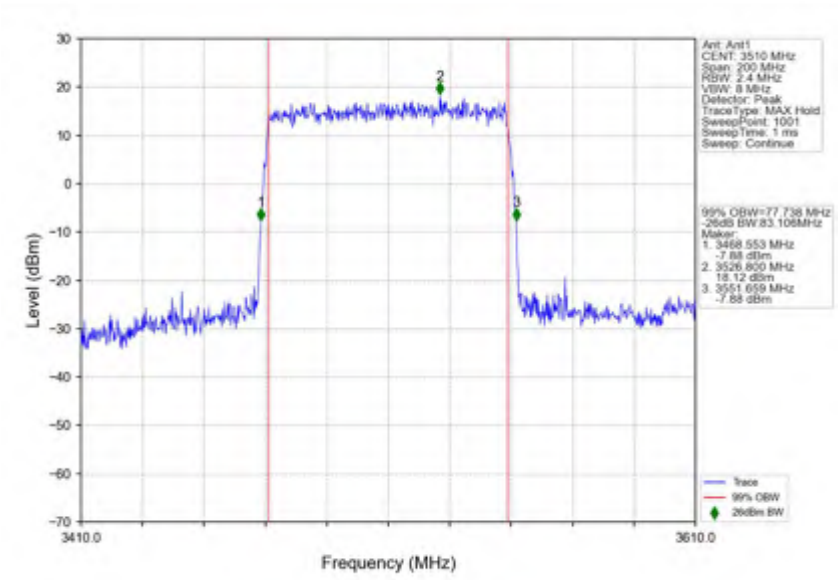
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 16 QAM_3490.02MHz_Outer_Full



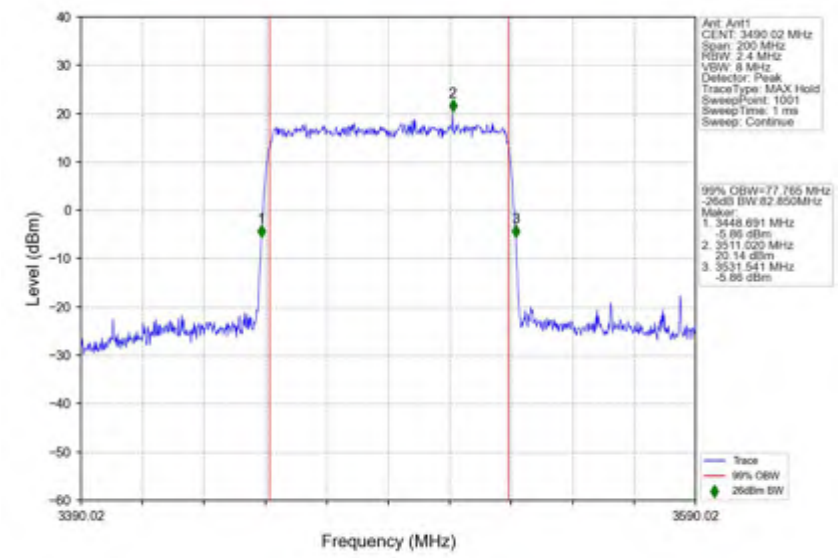
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full



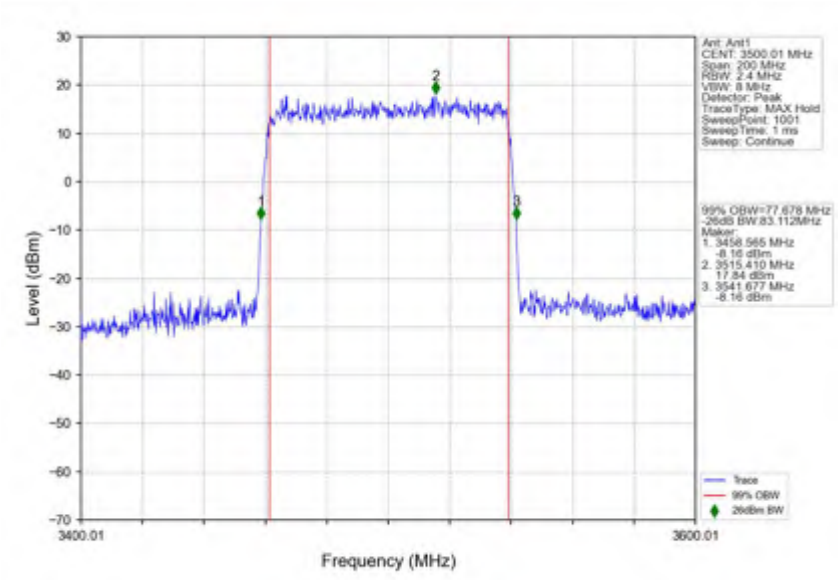
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 16 QAM_3510MHz_Outer_Full



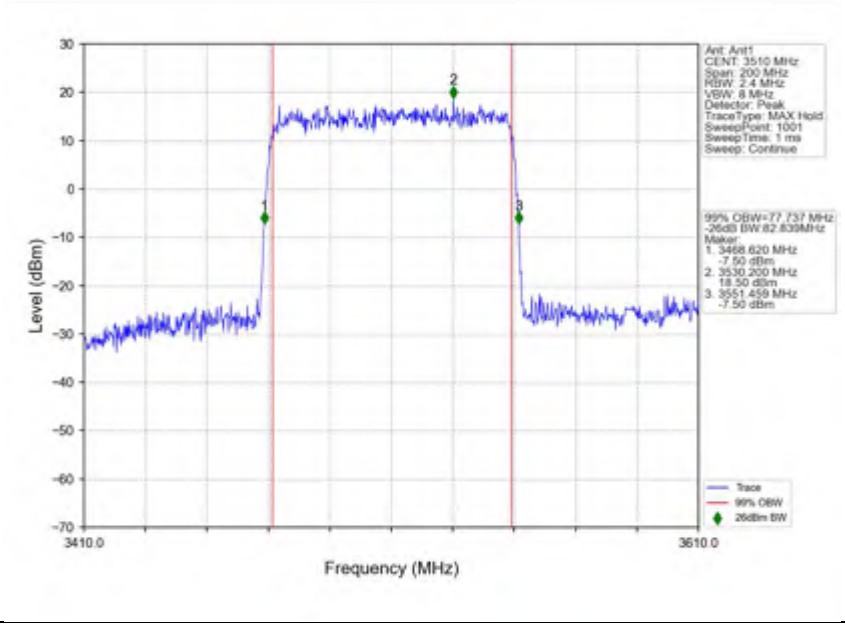
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3490.02MHz_Outer_Full



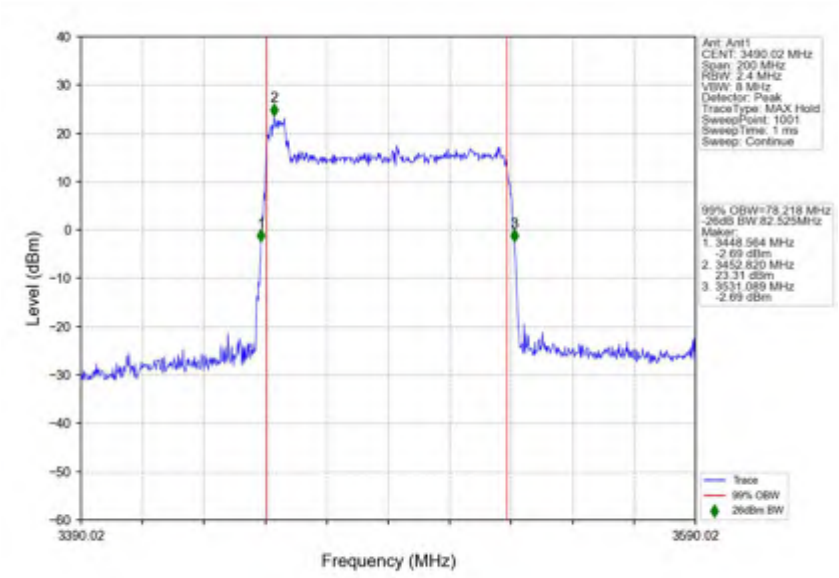
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full



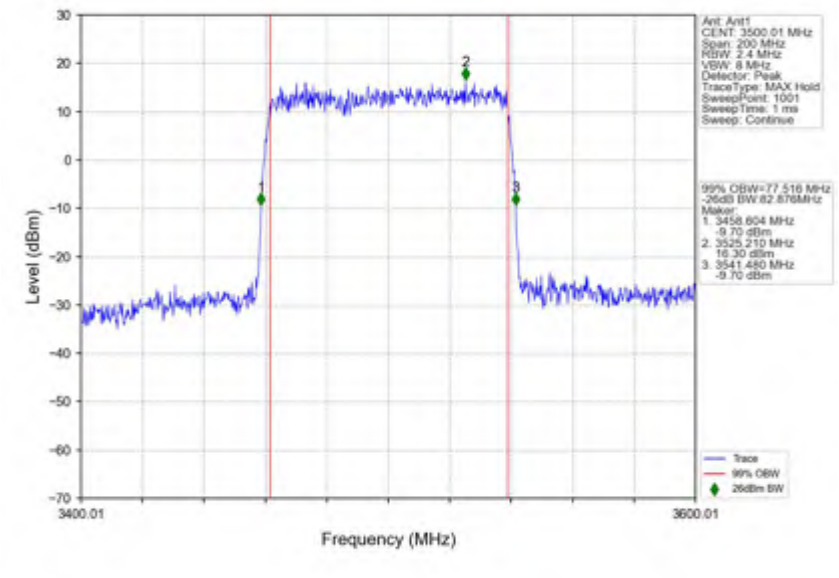
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3510MHz_Outer_Full



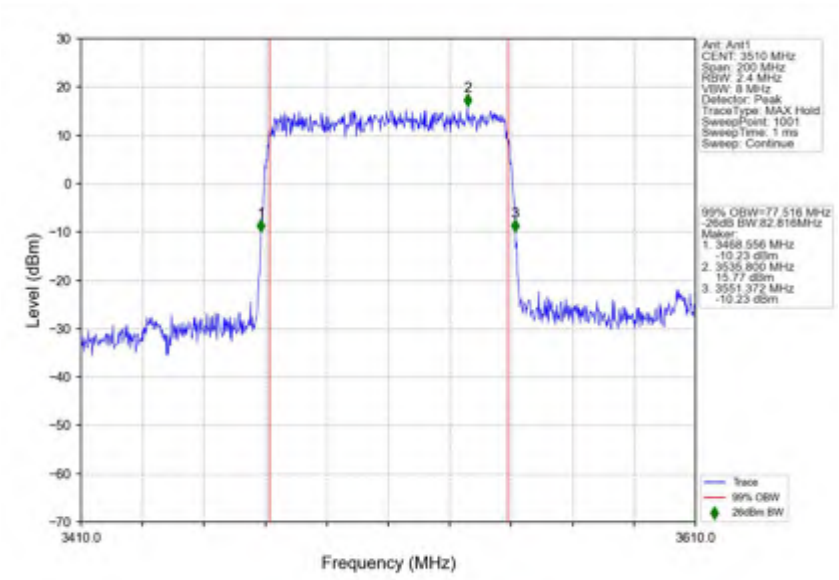
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 256 QAM_3490.02MHz_Outer_Full



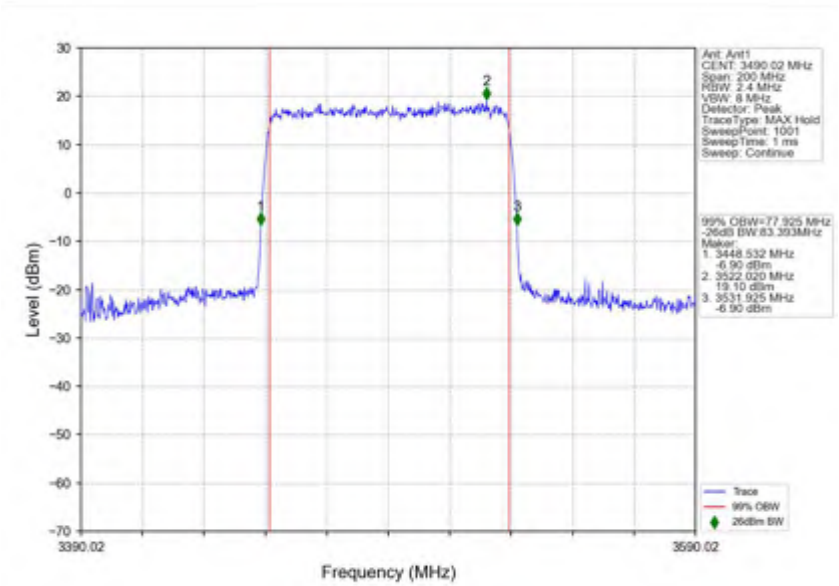
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 256 QAM_3500.01MHz_Outer_Full



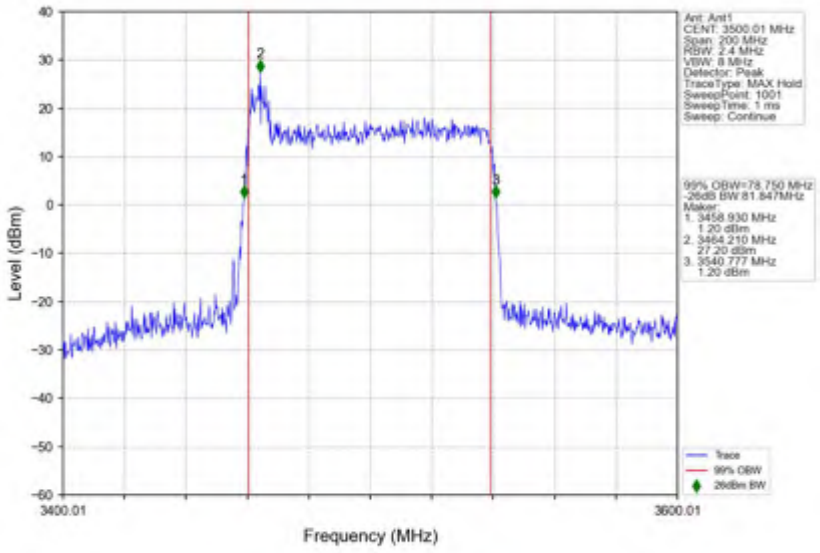
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 256 QAM_3510MHz_Outer_Full



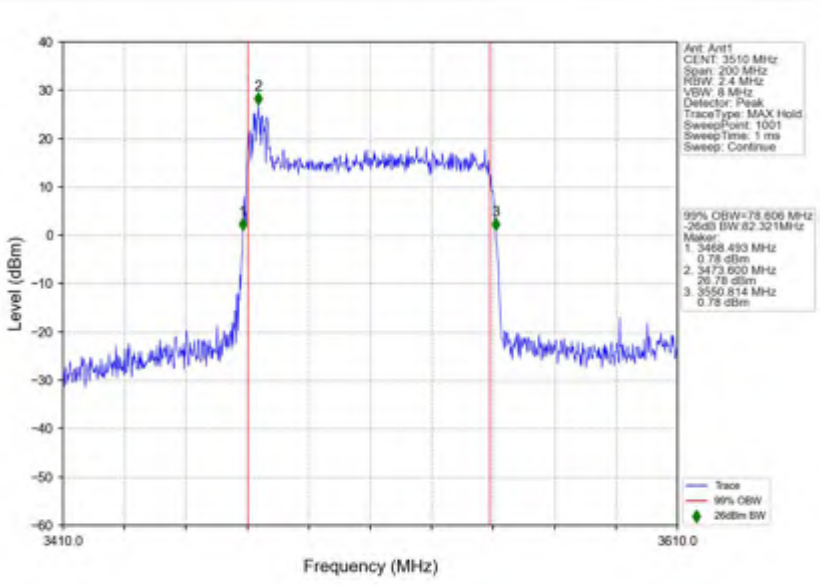
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3490.02MHz_Outer_Full



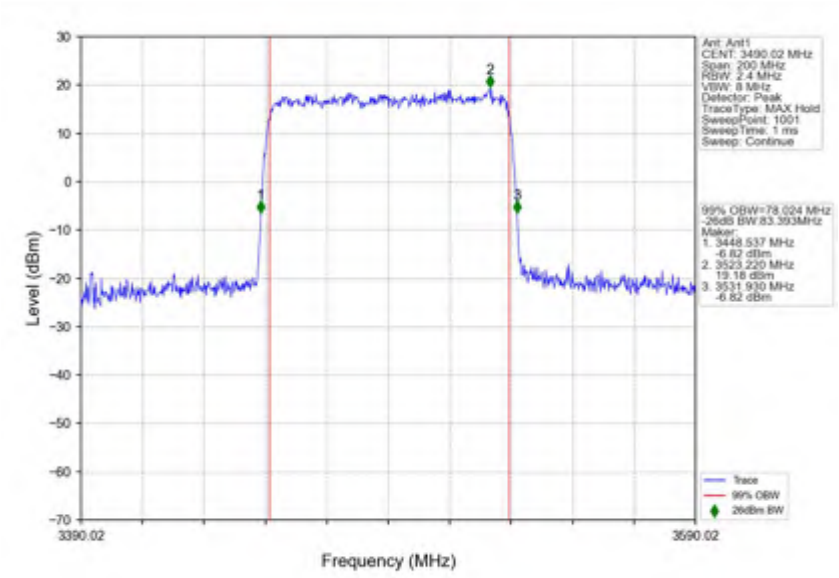
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full



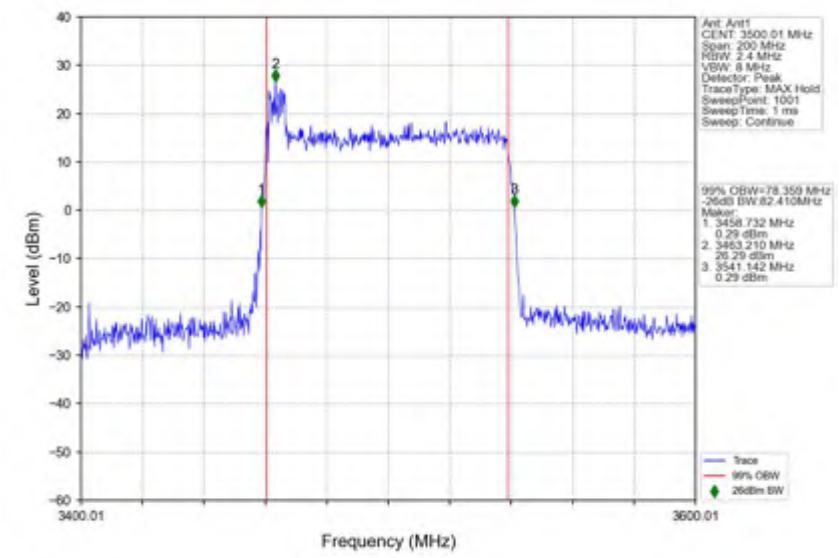
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3510MHz_Outer_Full



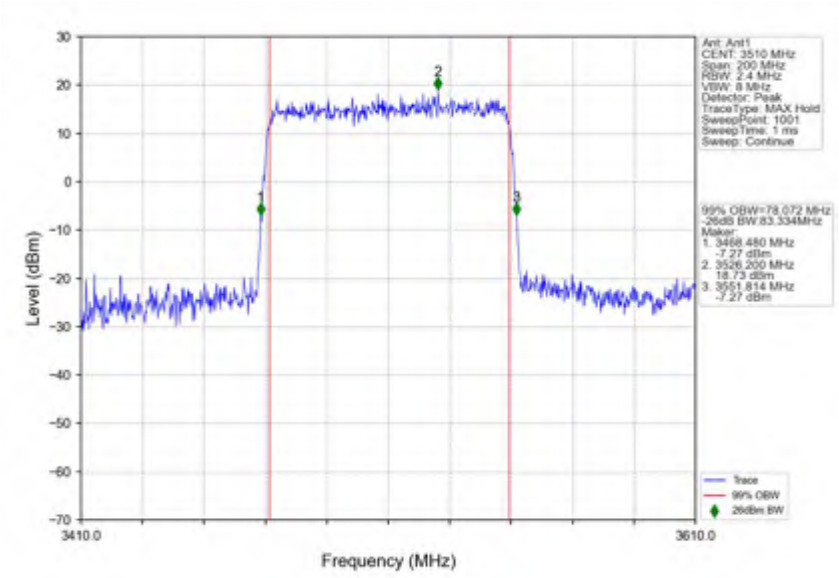
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM_3490.02MHz_Outer_Full



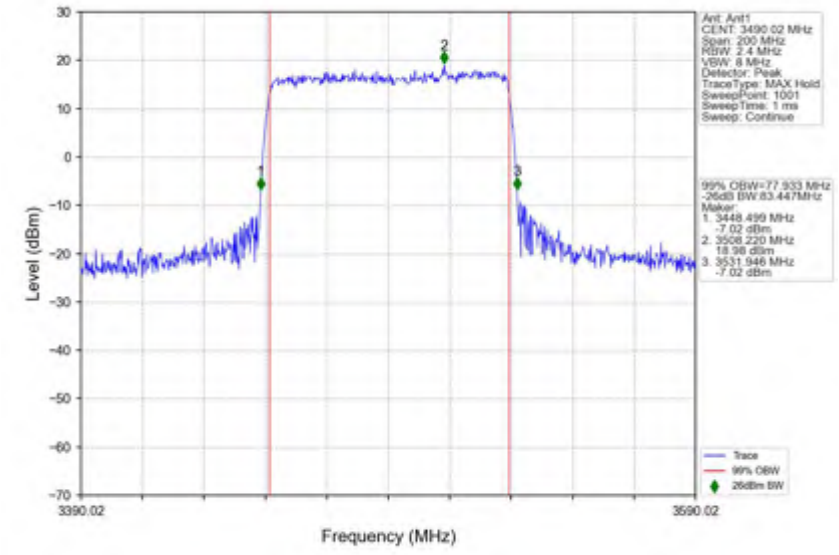
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full



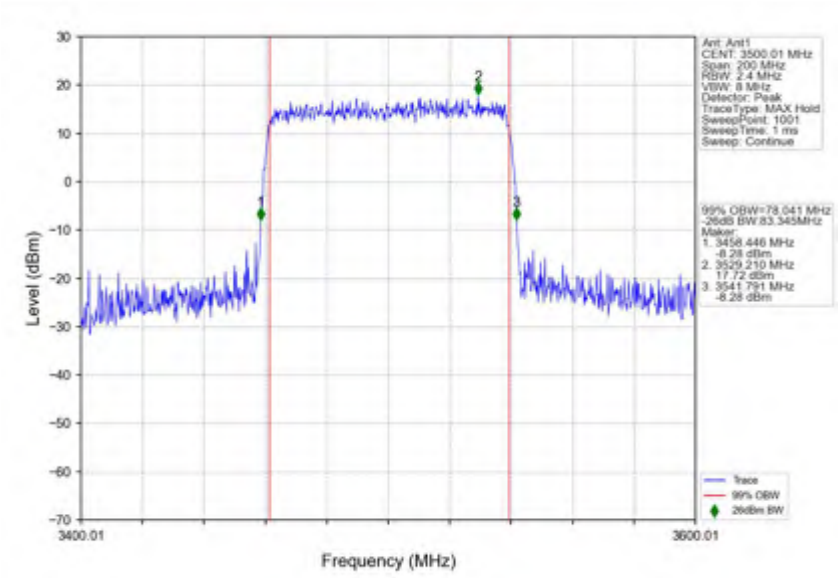
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM_3510MHz_Outer_Full



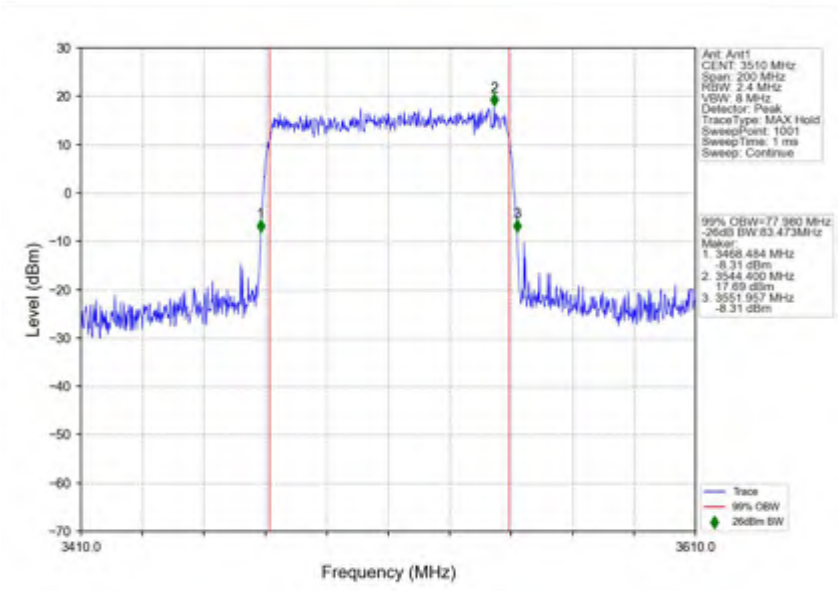
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3490.02MHz_Outer_Full



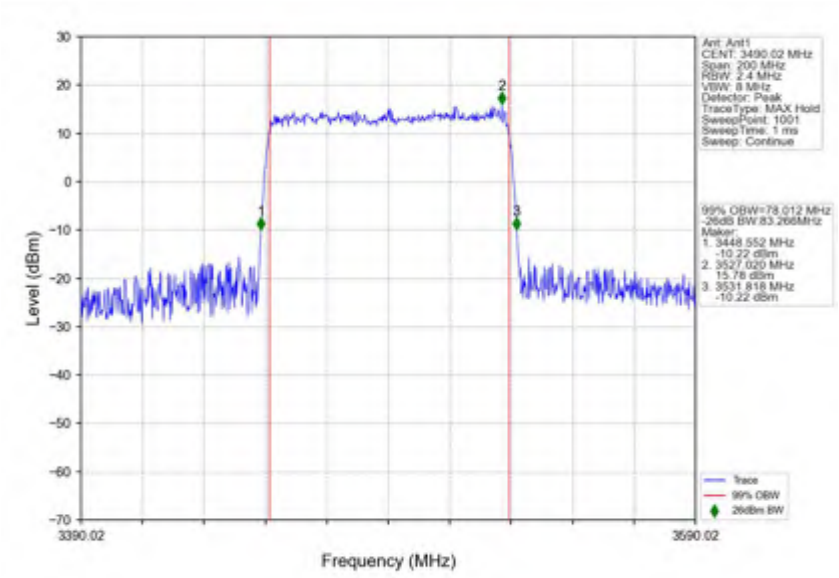
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full



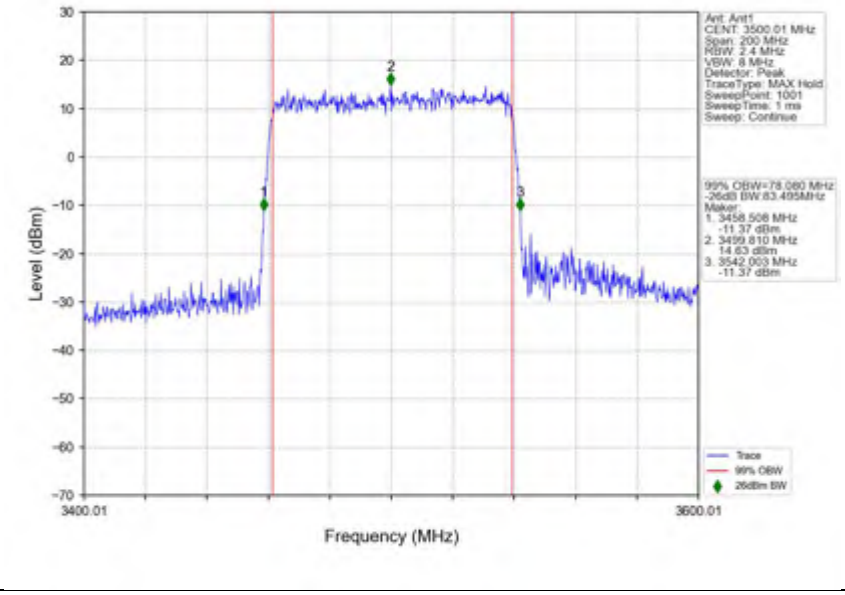
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3510MHz_Outer_Full



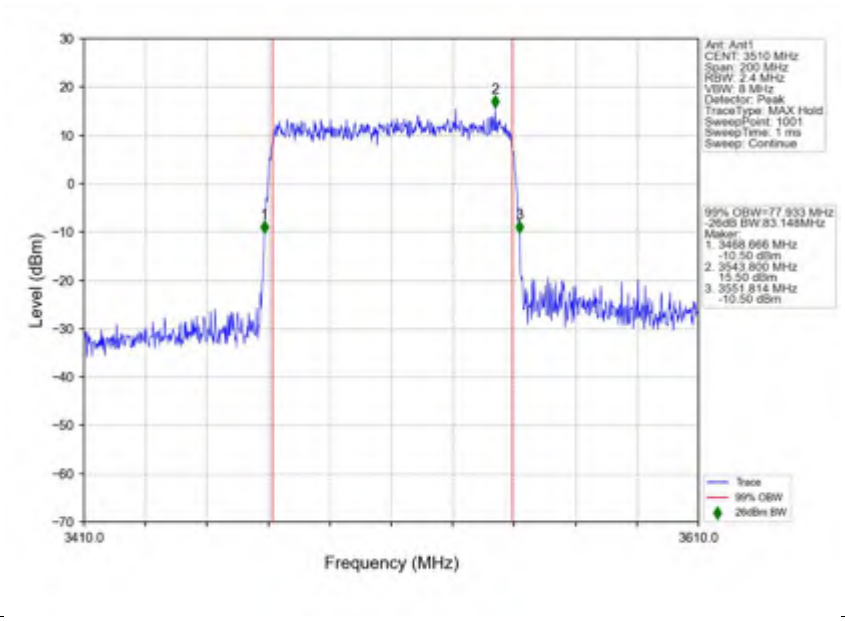
n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM_3490.02MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM_3510MHz_Outer_Full



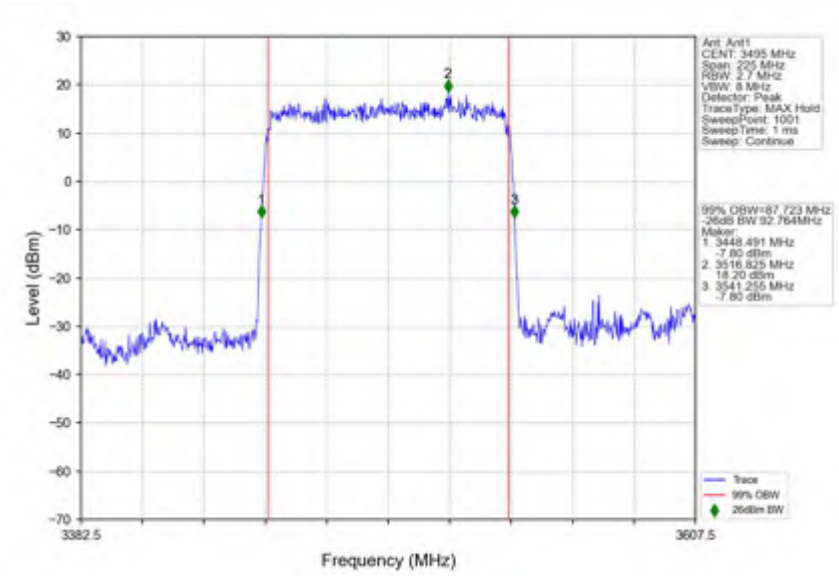
3.8 30k_SISO_90MHz_NTNV

3.8.1 Test Result

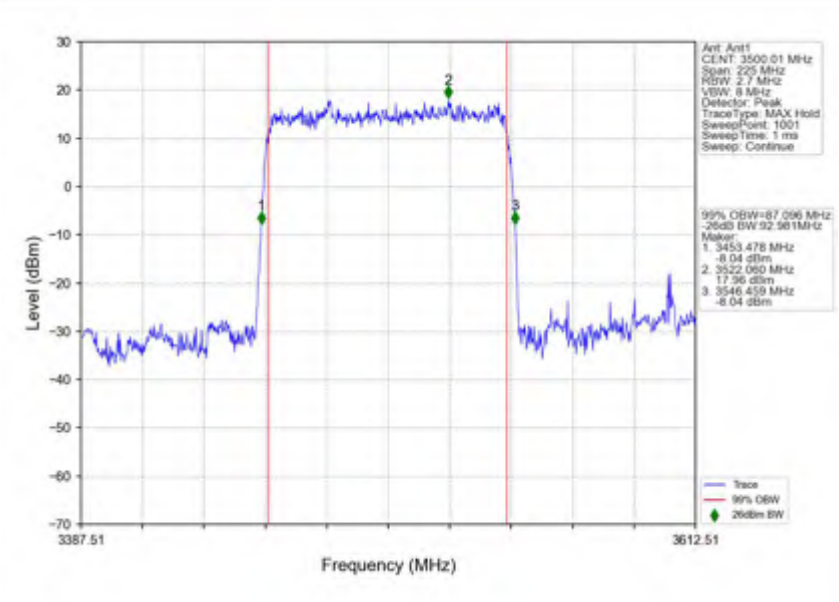
5G NR n78(3450-3550MHz) SCS=30kHz SISO 90MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3495	Outer_Full	87.72	92.76	/	Pass
	3500.01	Outer_Full	87.10	92.98	/	Pass
	3504.99	Outer_Full	87.25	92.97	/	Pass
DFT-s-OFDM QPSK	3495	Outer_Full	87.47	93.13	/	Pass
	3500.01	Outer_Full	87.52	92.84	/	Pass
	3504.99	Outer_Full	87.11	92.77	/	Pass
DFT-s-OFDM 16 QAM	3495	Outer_Full	87.37	92.86	/	Pass
	3500.01	Outer_Full	87.22	93.09	/	Pass
	3504.99	Outer_Full	87.41	93.00	/	Pass
DFT-s-OFDM 64 QAM	3495	Outer_Full	87.57	93.23	/	Pass
	3500.01	Outer_Full	87.27	93.21	/	Pass
	3504.99	Outer_Full	87.36	93.52	/	Pass
DFT-s-OFDM 256 QAM	3495	Outer_Full	86.93	93.25	/	Pass
	3500.01	Outer_Full	87.16	92.88	/	Pass
	3504.99	Outer_Full	87.40	92.97	/	Pass
CP-OFDM QPSK	3495	Outer_Full	87.98	93.61	/	Pass
	3500.01	Outer_Full	89.05	92.58	/	Pass
	3504.99	Outer_Full	88.77	93.48	/	Pass
CP-OFDM 16 QAM	3495	Outer_Full	88.04	93.78	/	Pass
	3500.01	Outer_Full	88.00	93.81	/	Pass
	3504.99	Outer_Full	87.73	93.90	/	Pass
CP-OFDM 64 QAM	3495	Outer_Full	87.87	93.85	/	Pass
	3500.01	Outer_Full	87.87	93.72	/	Pass
	3504.99	Outer_Full	87.89	93.75	/	Pass
CP-OFDM 256 QAM	3495	Outer_Full	88.42	93.40	/	Pass
	3500.01	Outer_Full	87.75	93.17	/	Pass
	3504.99	Outer_Full	88.12	93.57	/	Pass

3.8.2 Test Graph

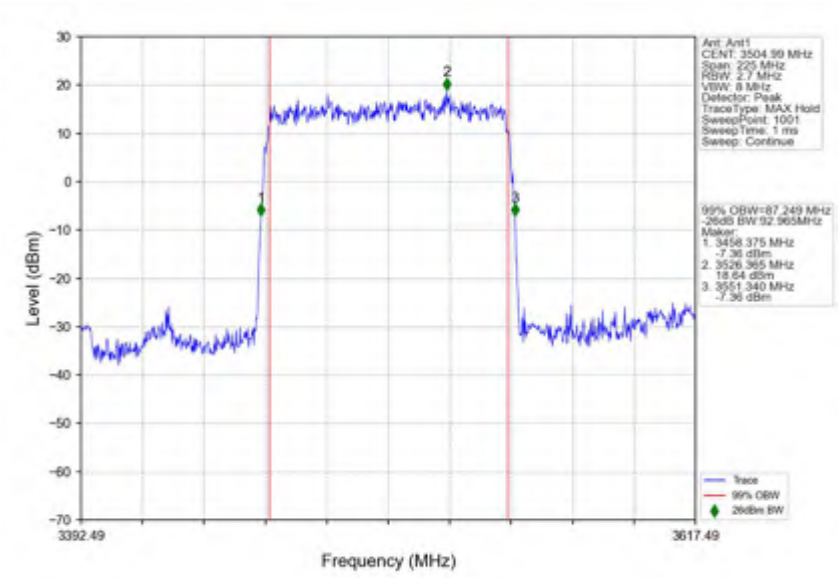
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3495MHz_Outer_Full



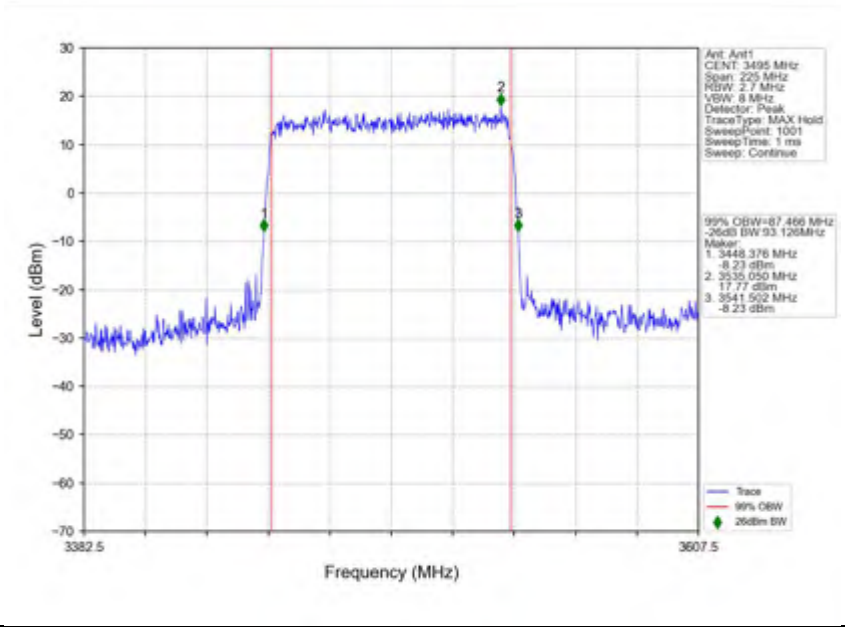
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full



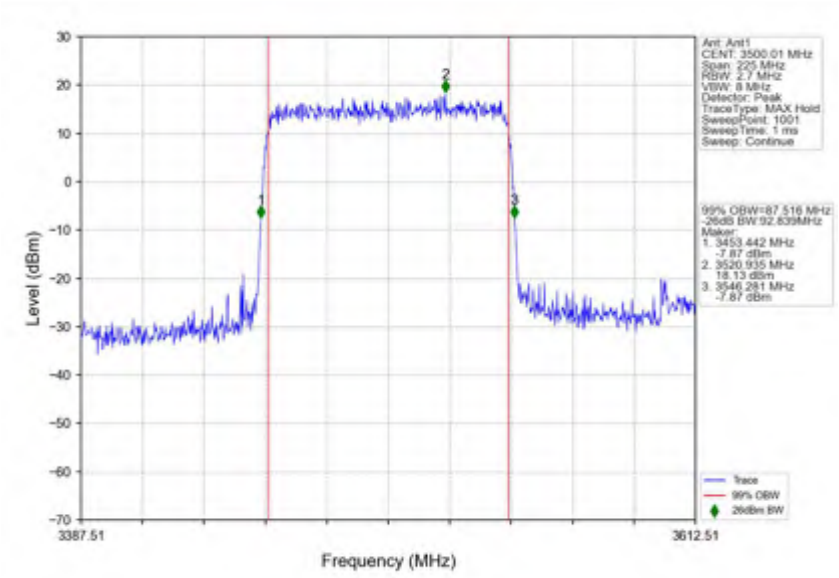
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3504.99MHz_Outer_Full



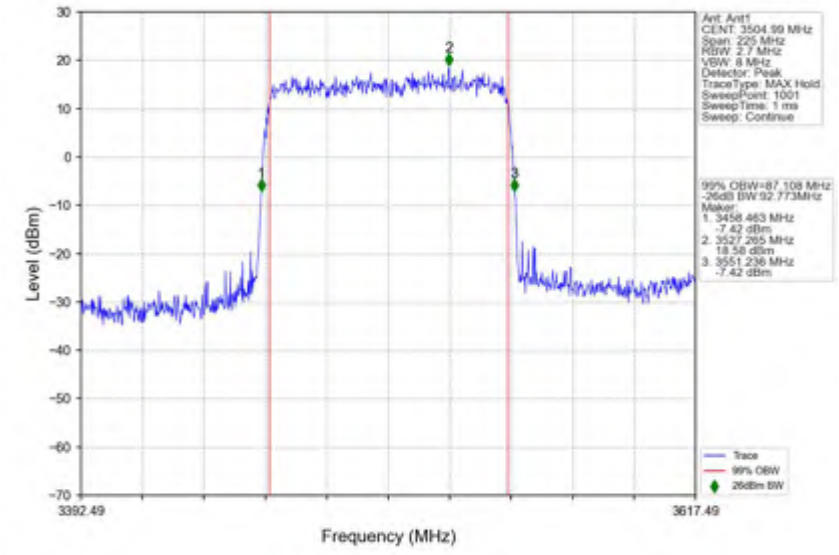
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3495MHz_Outer_Full



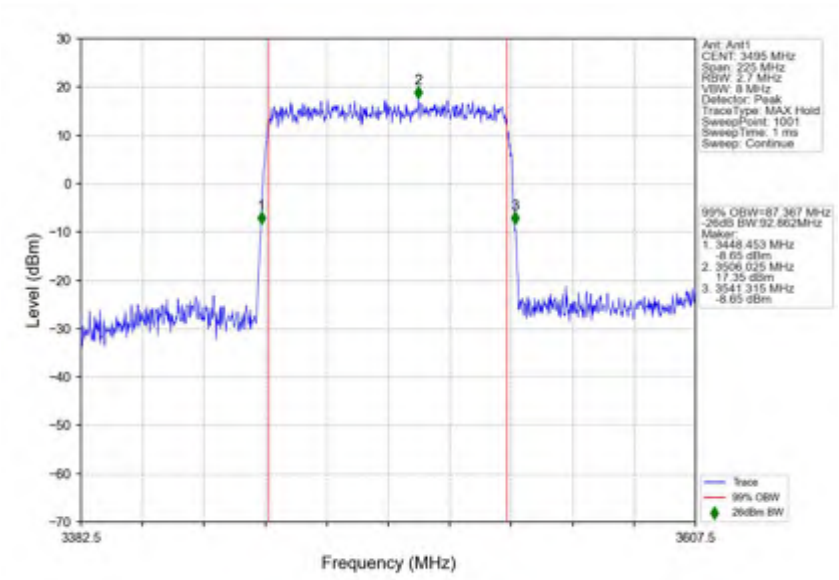
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full



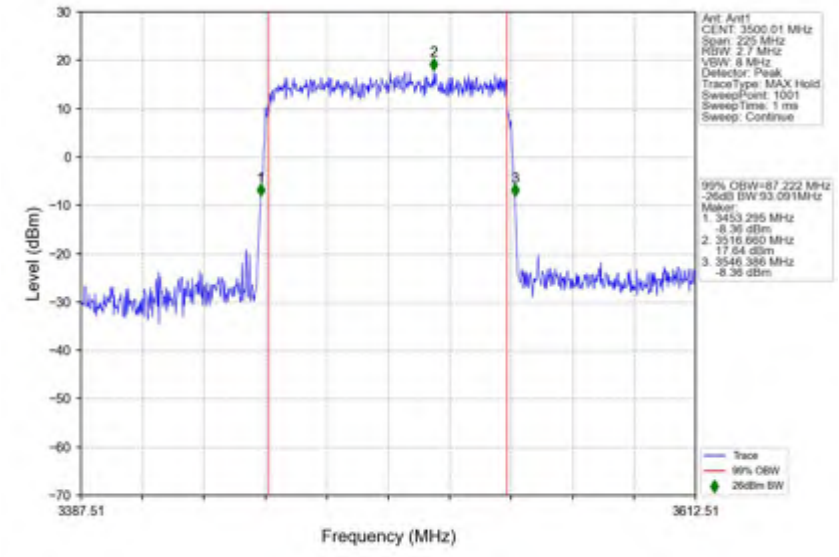
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3504.99MHz_Outer_Full



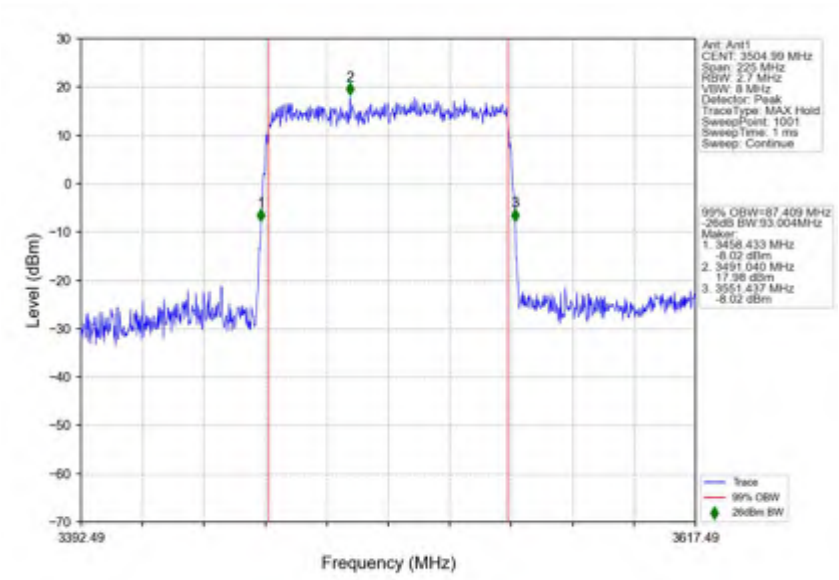
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 16 QAM_3495MHz_Outer_Full



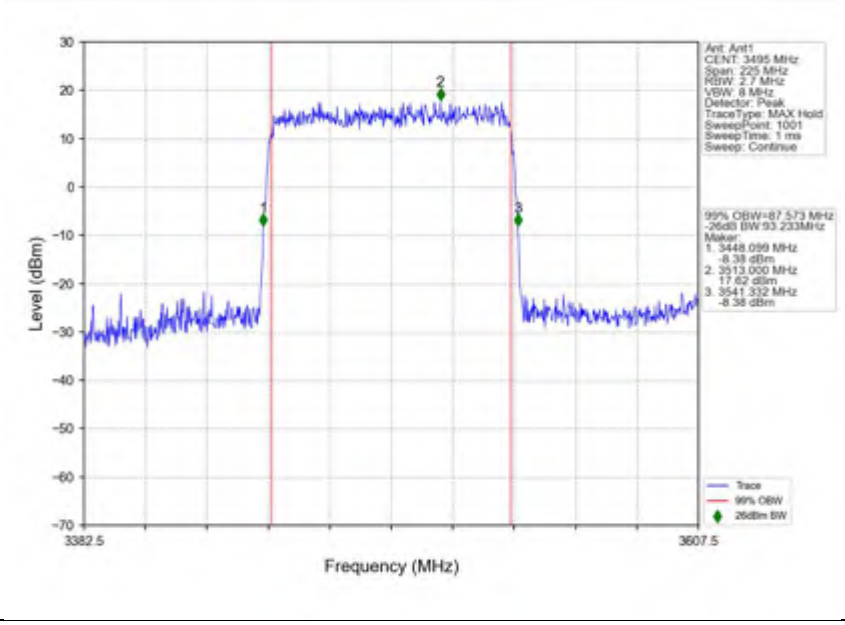
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full



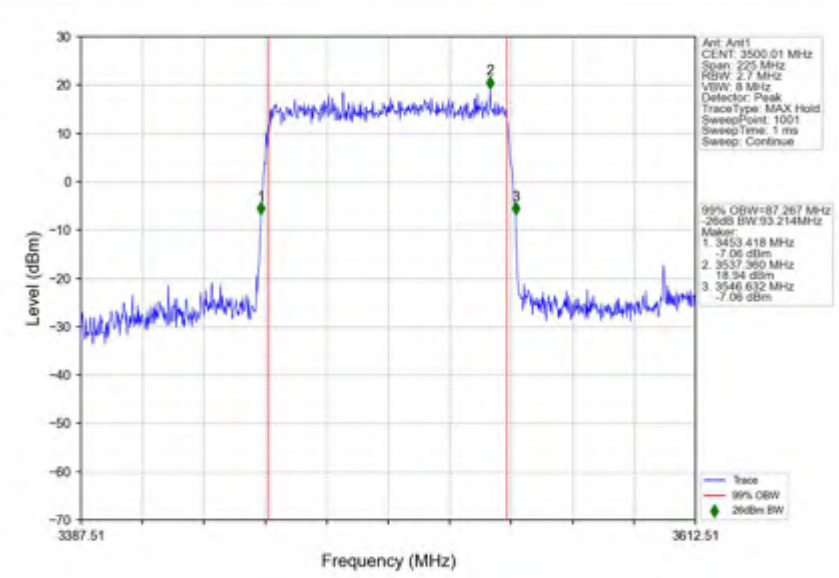
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 16 QAM_3504.99MHz_Outer_Full



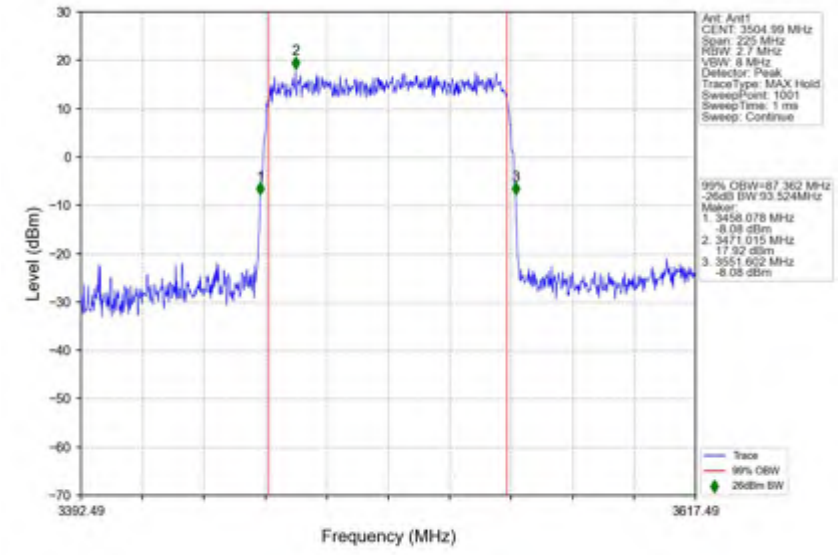
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM_3495MHz_Outer_Full



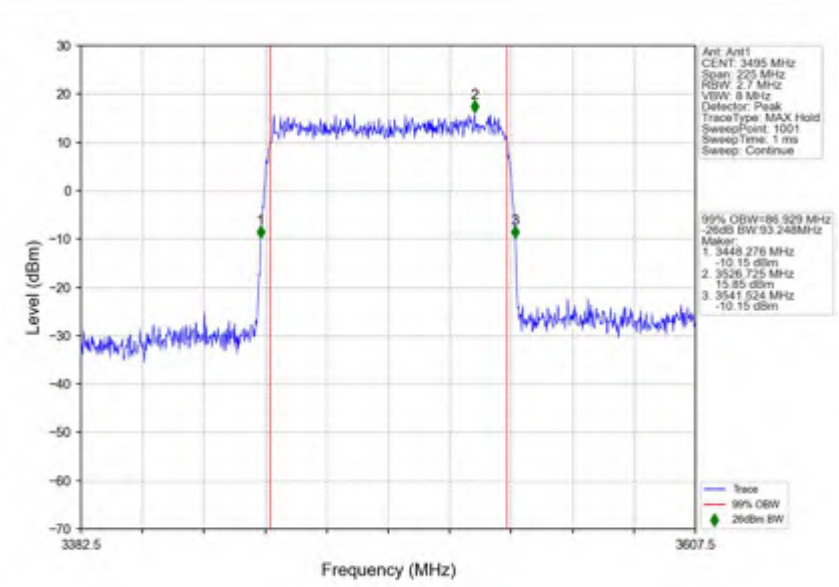
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full



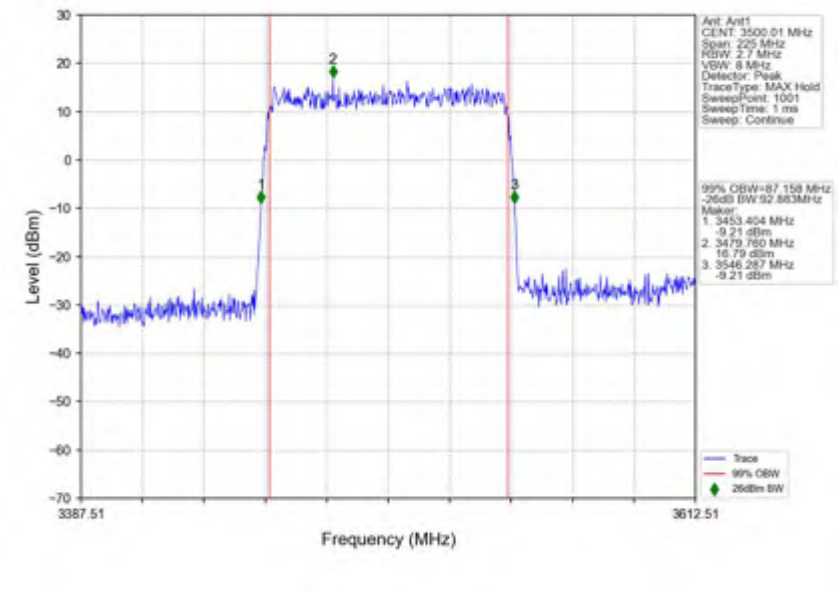
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM_3504.99MHz_Outer_Full



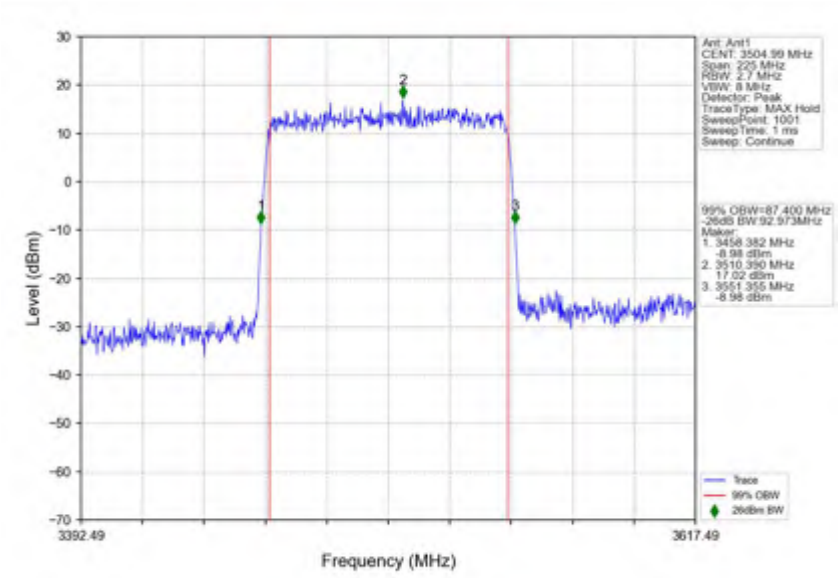
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 256 QAM_3495MHz_Outer_Full



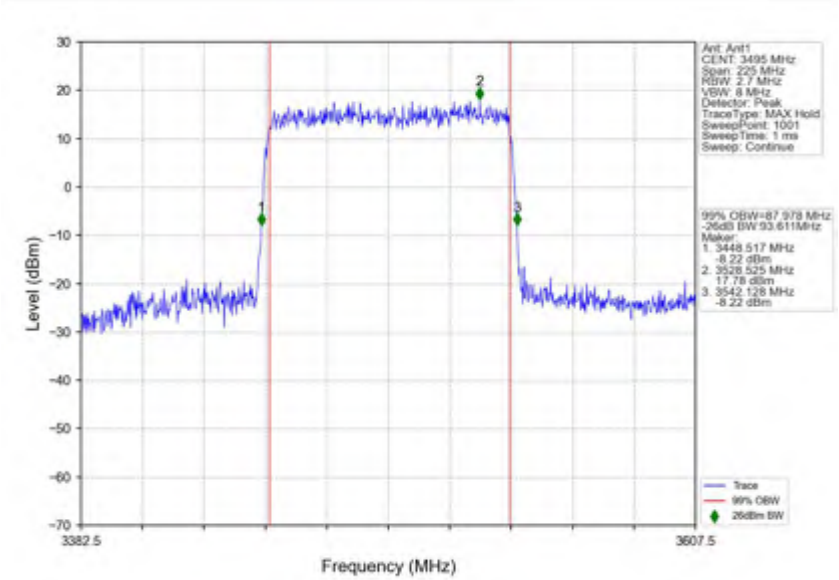
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 256 QAM_3500.01MHz_Outer_Full



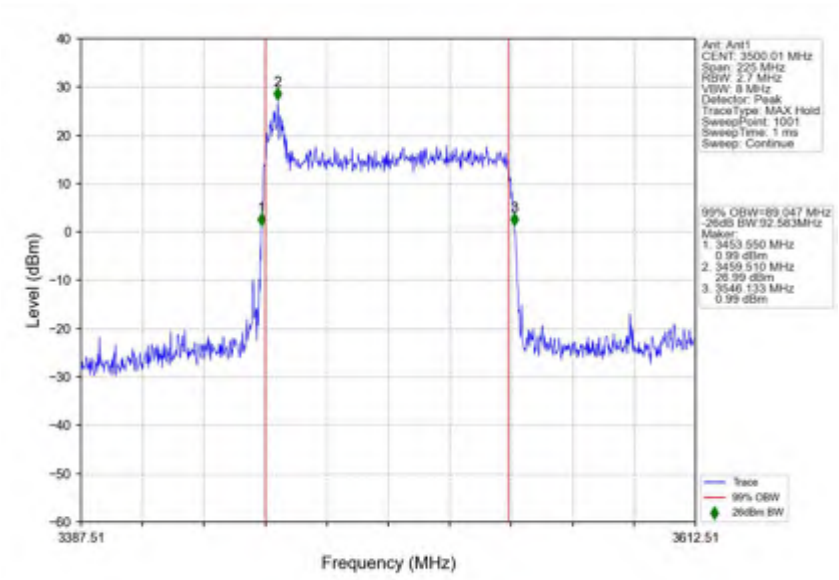
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 256 QAM_3504.99MHz_Outer_Full



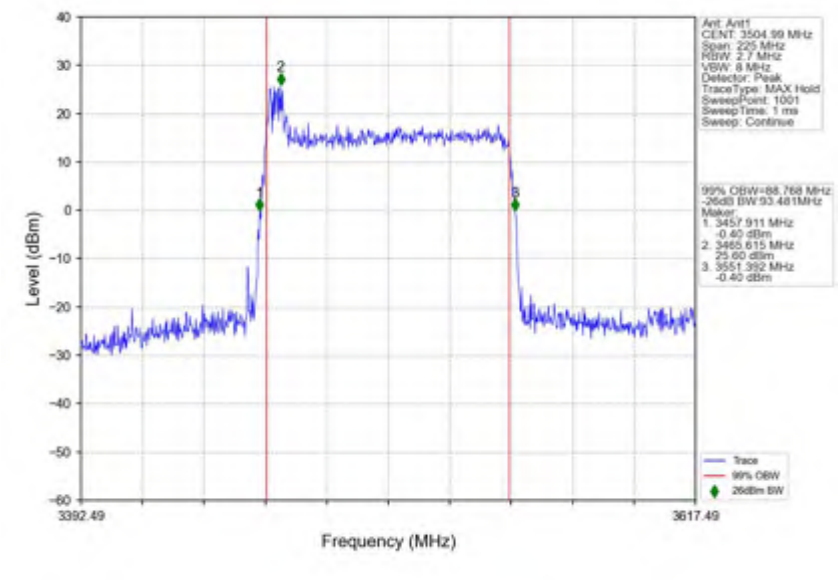
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3495MHz_Outer_Full



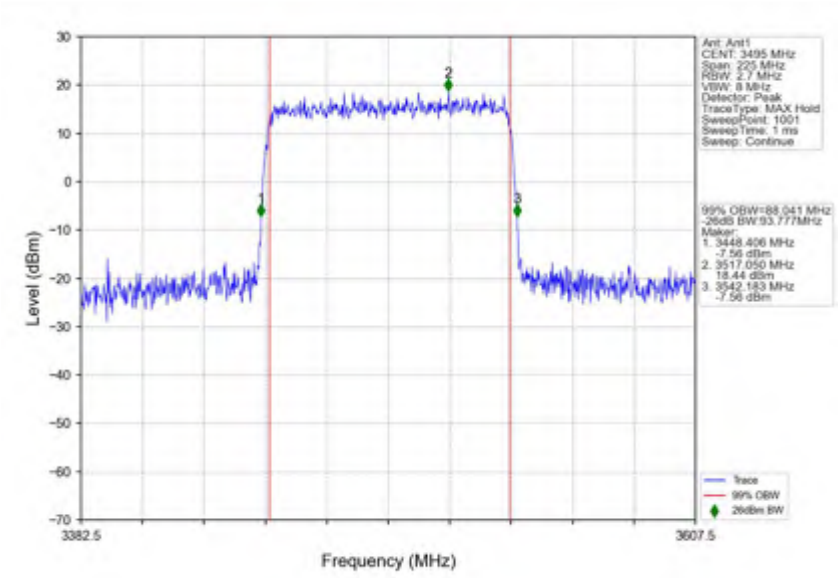
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full



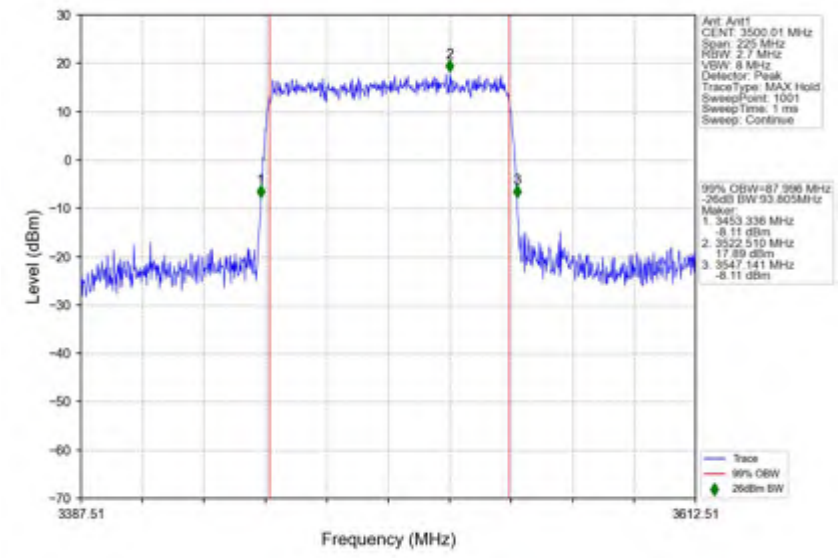
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3504.99MHz_Outer_Full



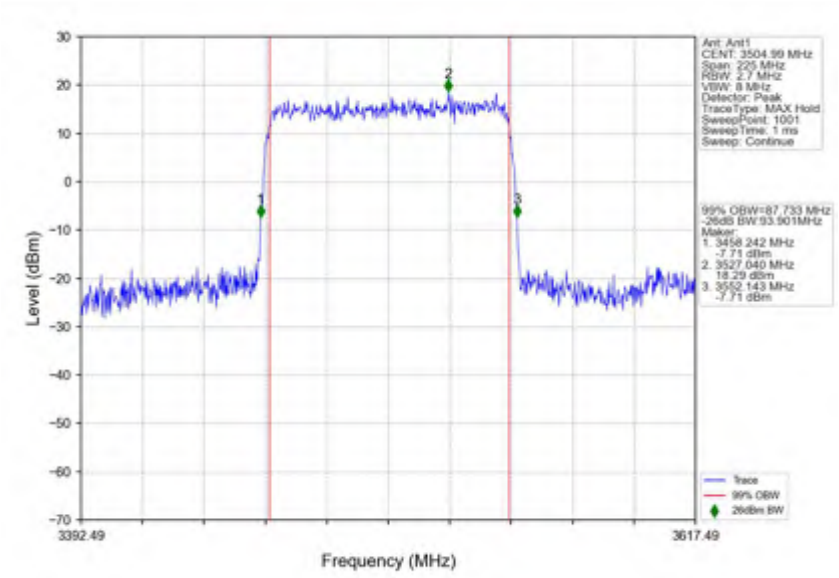
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM_3495MHz_Outer_Full



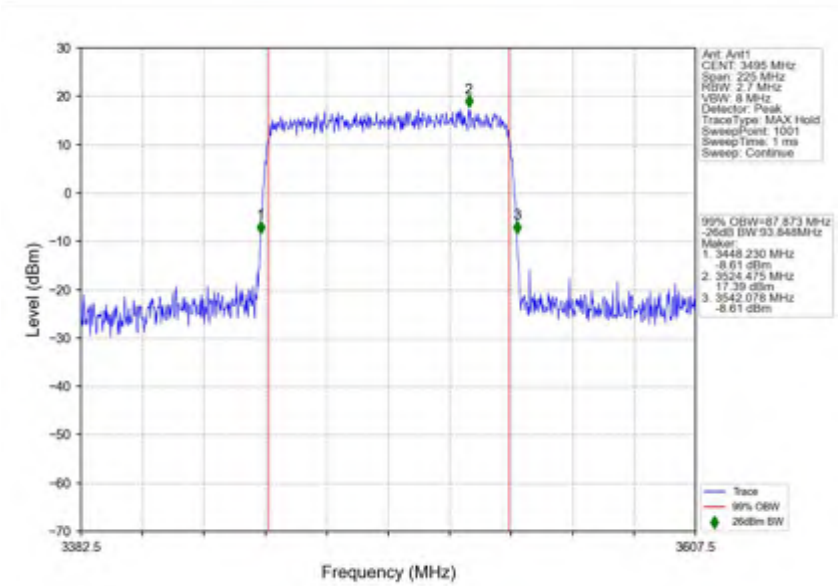
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full



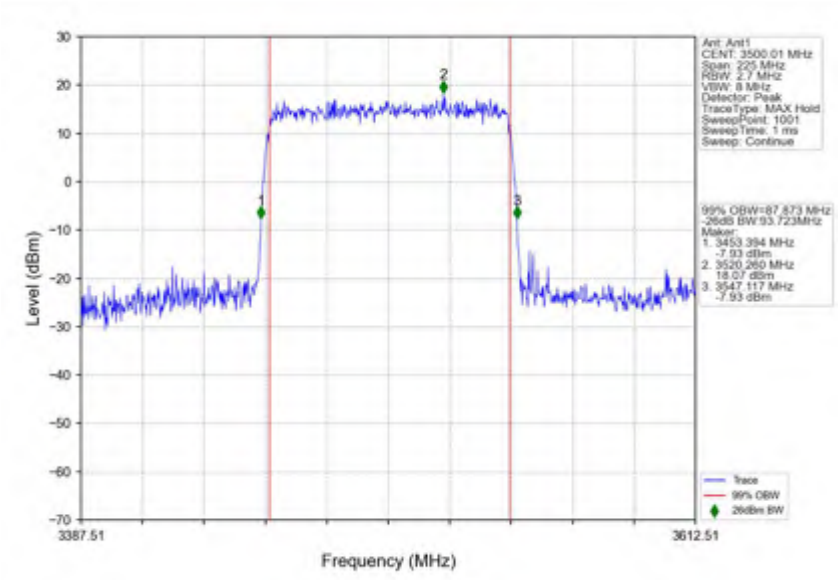
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM_3504.99MHz_Outer_Full



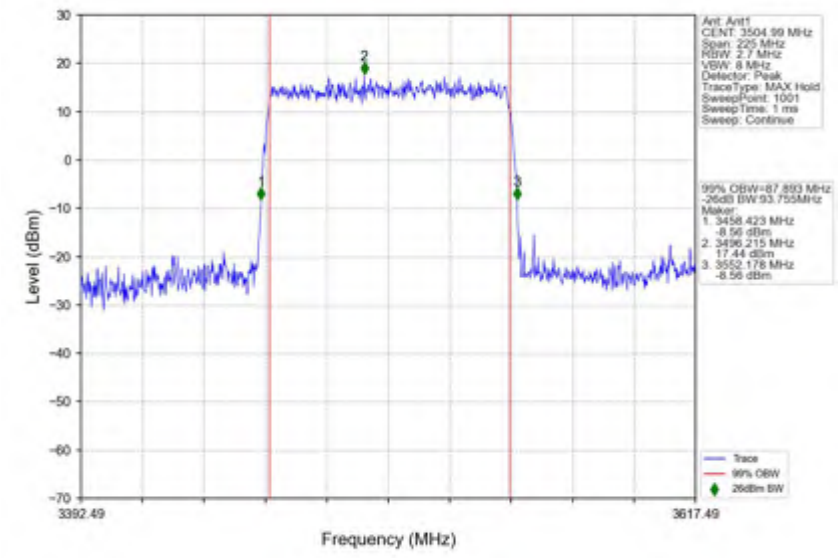
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3495MHz_Outer_Full



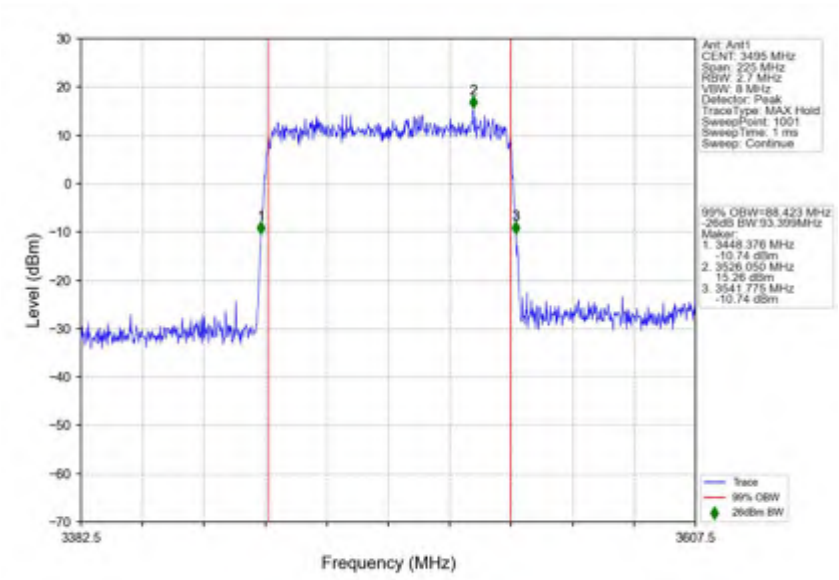
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full



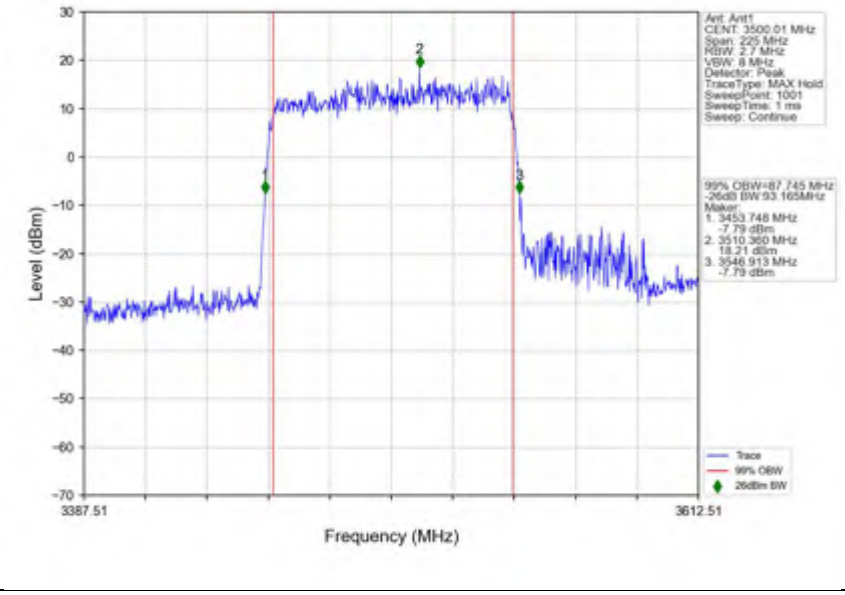
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3504.99MHz_Outer_Full



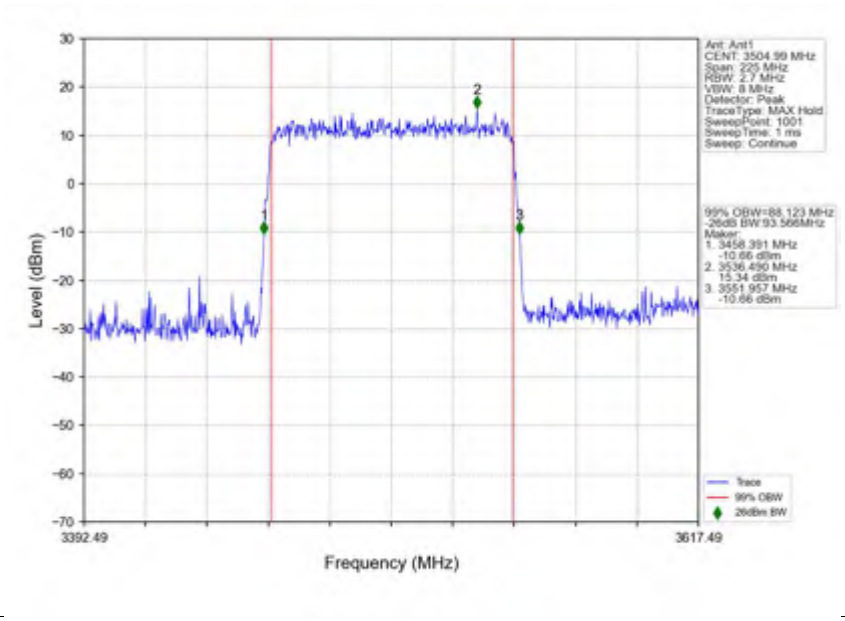
n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM_3495MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM_3504.99MHz_Outer_Full



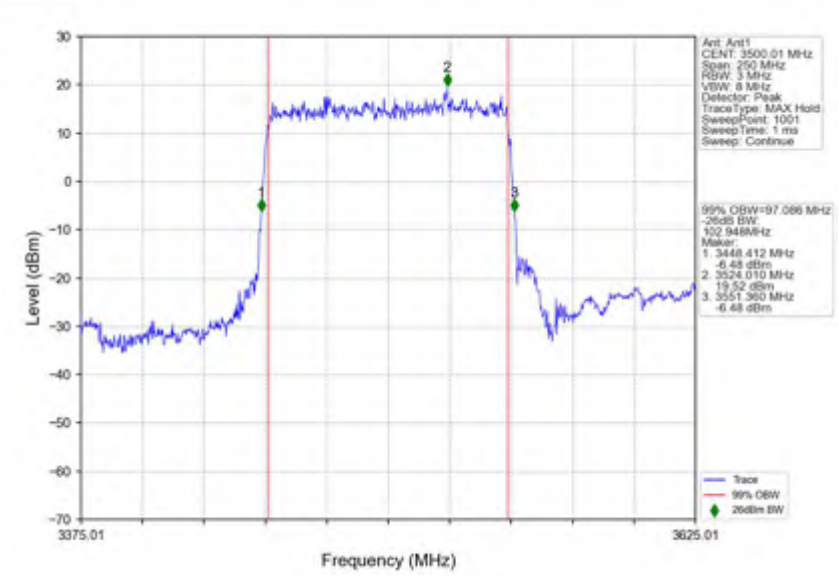
3.9 30k_SISO_100MHz_NTNV

3.9.1 Test Result

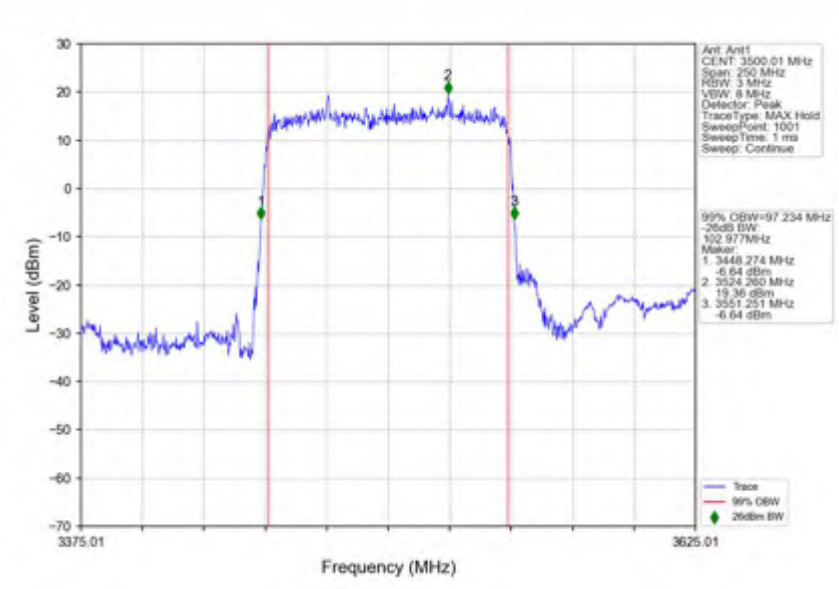
5G NR n78(3450-3550MHz) SCS=30kHz SISO 100MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	97.09	102.95	/	Pass
	3500.01	Outer_Full	97.23	102.98	/	Pass
	3499.98	Outer_Full	97.23	103.10	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	97.05	103.45	/	Pass
	3500.01	Outer_Full	96.86	103.31	/	Pass
	3499.98	Outer_Full	97.07	103.70	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	97.15	103.36	/	Pass
	3500.01	Outer_Full	96.90	103.40	/	Pass
	3499.98	Outer_Full	97.06	103.40	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	97.03	103.38	/	Pass
	3500.01	Outer_Full	97.22	103.25	/	Pass
	3499.98	Outer_Full	97.41	103.59	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	98.47	103.31	/	Pass
	3500.01	Outer_Full	97.19	103.65	/	Pass
	3499.98	Outer_Full	97.19	103.51	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	97.24	104.56	/	Pass
	3500.01	Outer_Full	98.10	104.56	/	Pass
	3499.98	Outer_Full	98.59	104.39	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	98.32	104.49	/	Pass
	3500.01	Outer_Full	99.25	104.44	/	Pass
	3499.98	Outer_Full	97.67	104.43	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	98.14	104.37	/	Pass
	3500.01	Outer_Full	98.05	104.48	/	Pass
	3499.98	Outer_Full	97.94	104.07	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	98.05	104.31	/	Pass
	3500.01	Outer_Full	98.65	104.78	/	Pass
	3499.98	Outer_Full	97.87	104.34	/	Pass

3.9.2 Test Graph

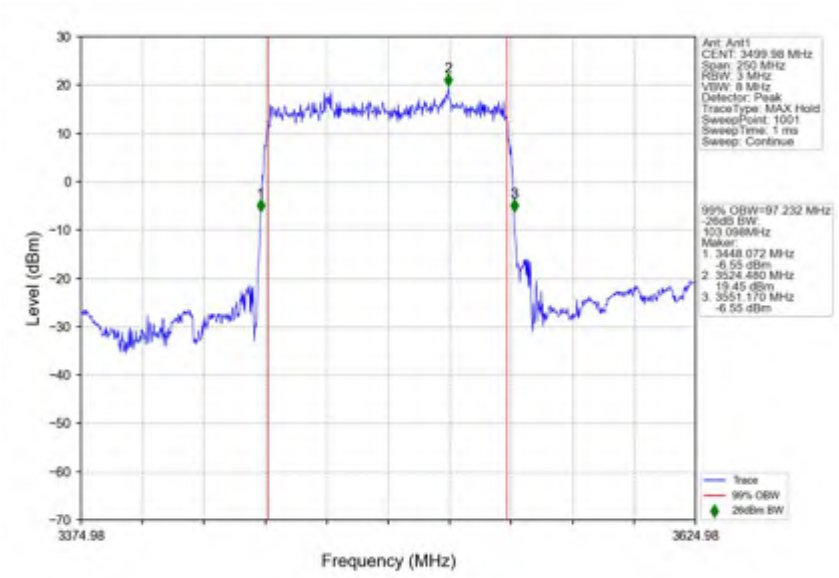
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full



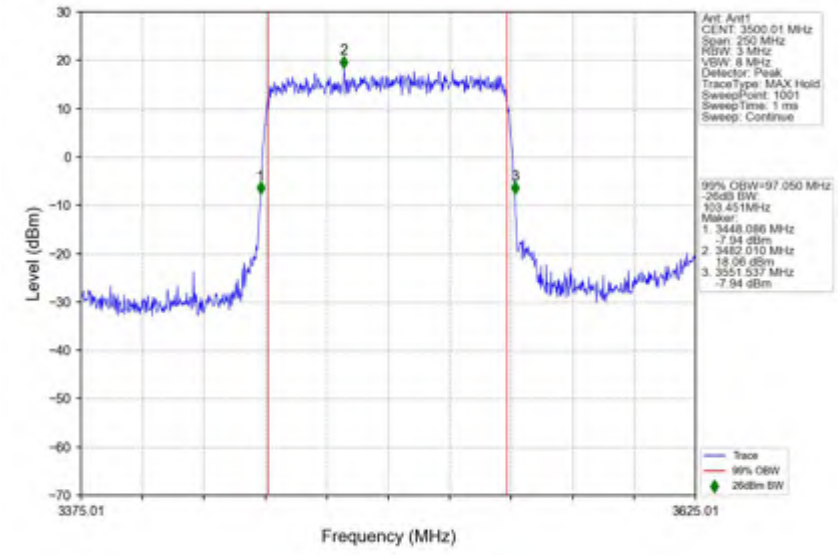
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full



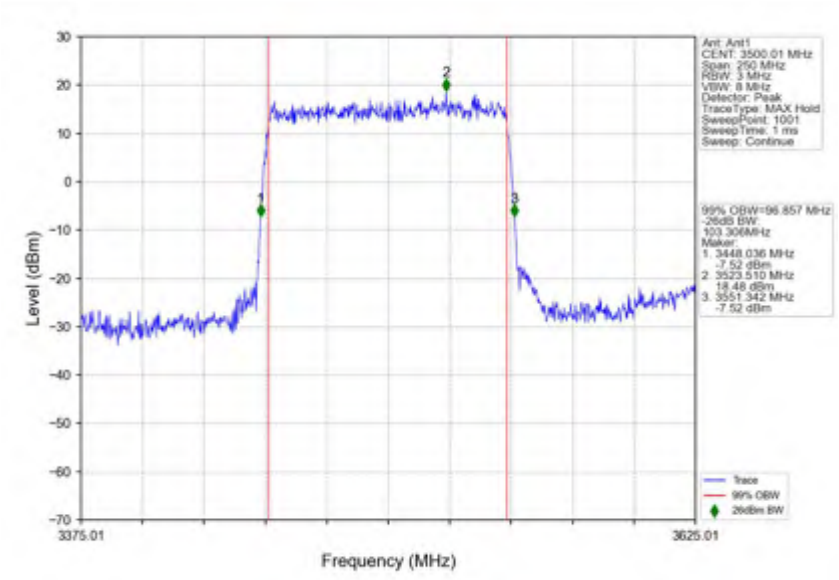
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3499.98MHz_Outer_Full



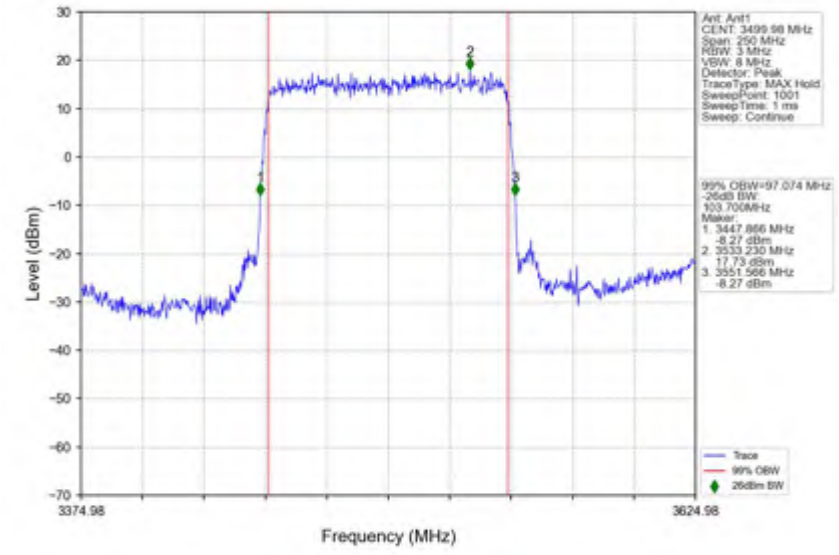
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full



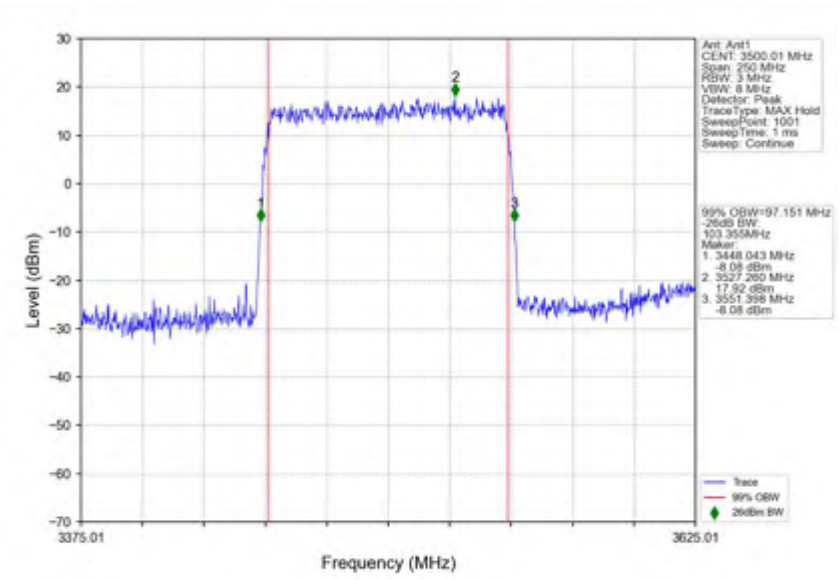
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full



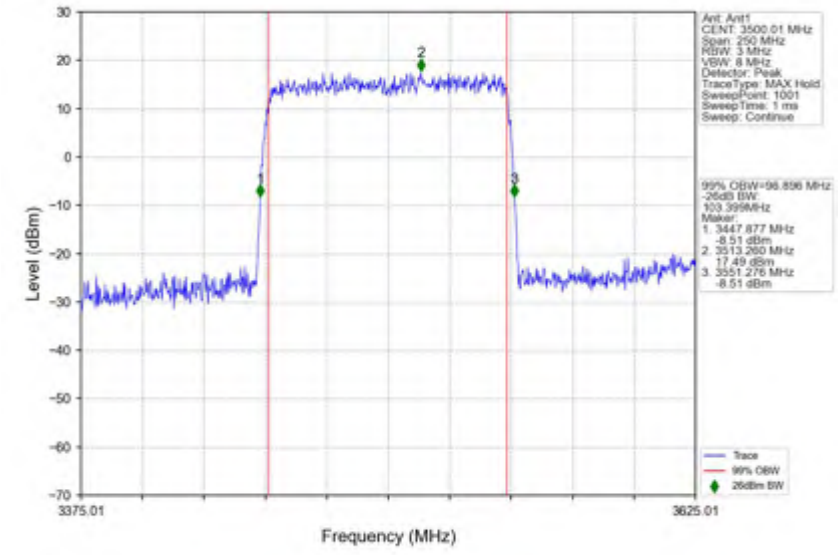
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3499.98MHz_Outer_Full



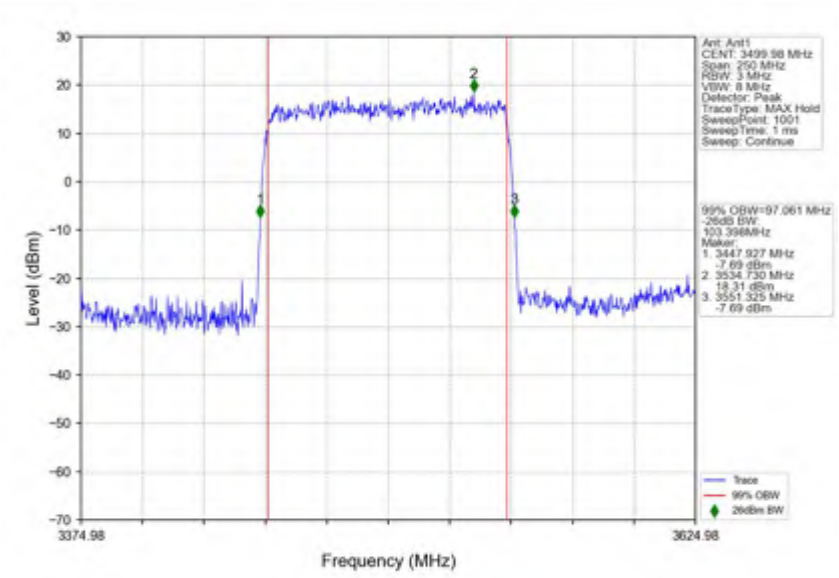
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full



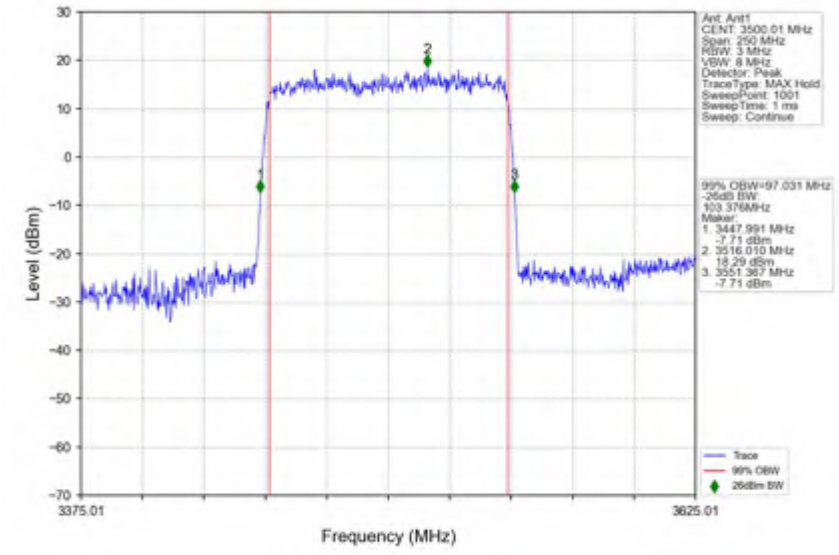
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full



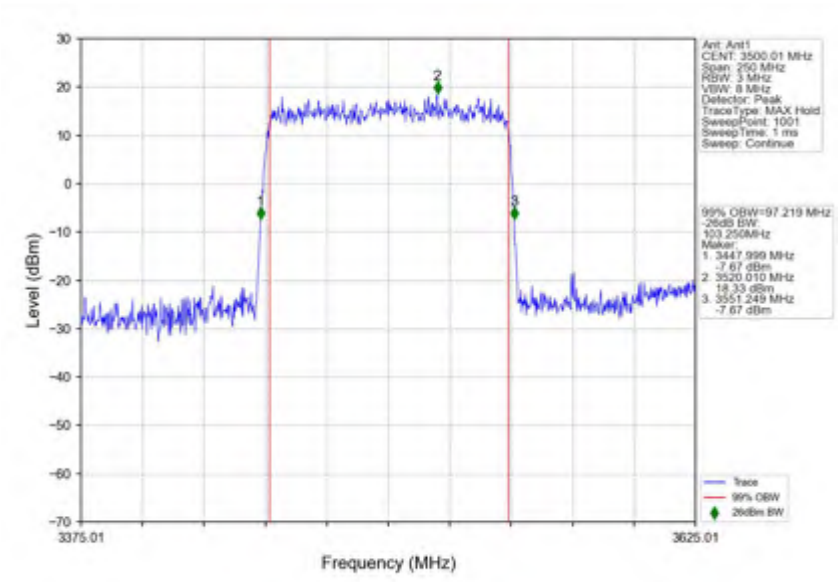
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_3499.98MHz_Outer_Full



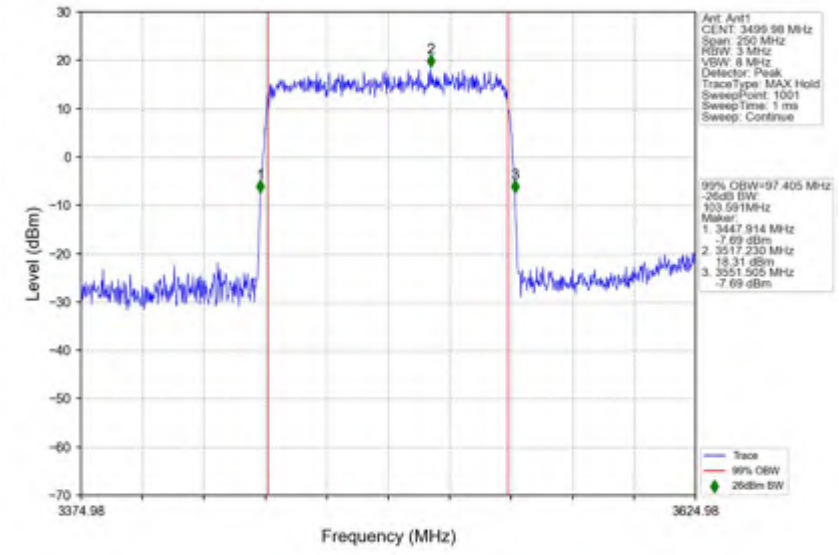
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full



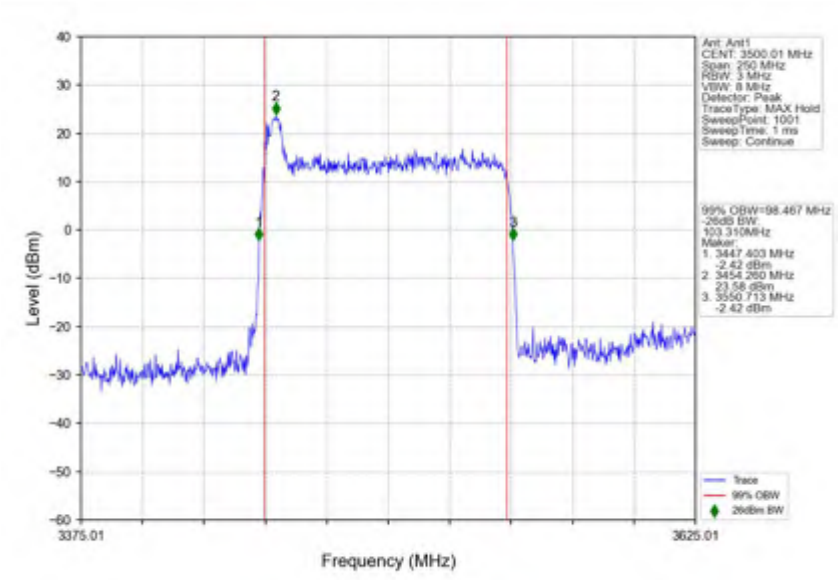
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full



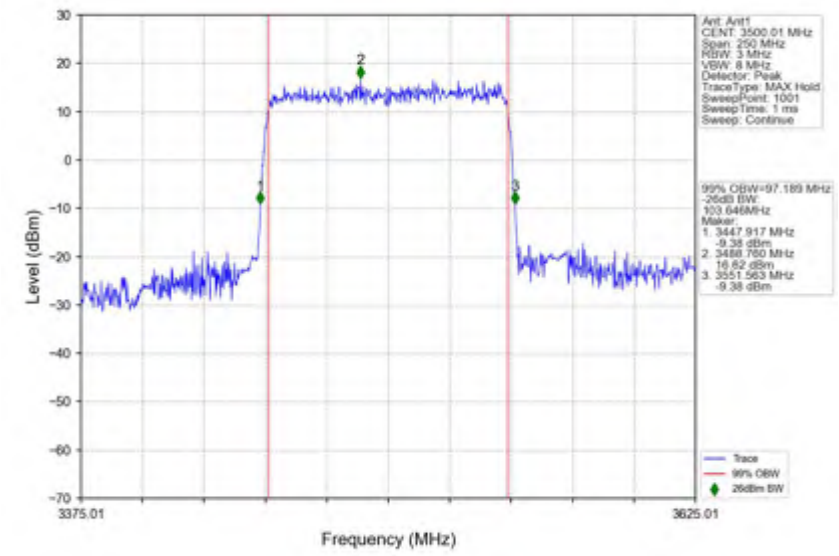
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_3499.98MHz_Outer_Full



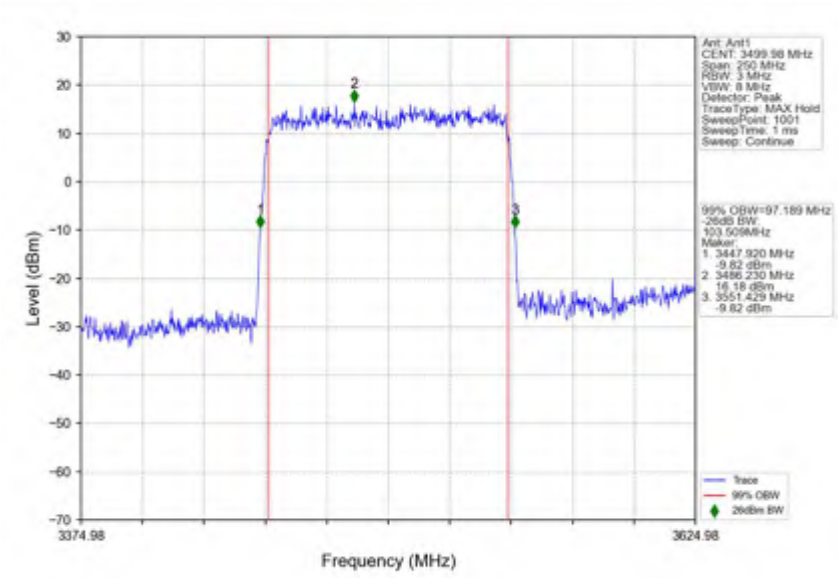
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 256 QAM_3500.01MHz_Outer_Full



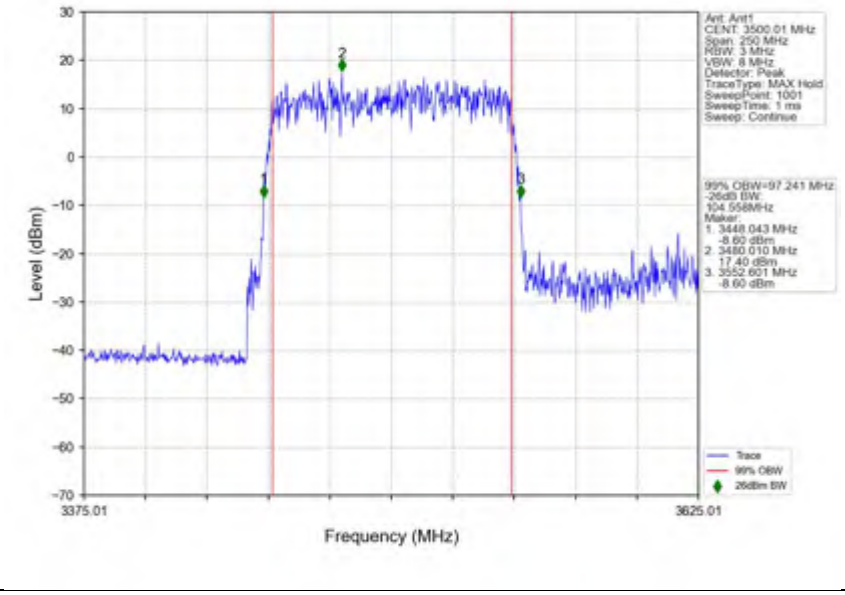
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 256 QAM_3500.01MHz_Outer_Full



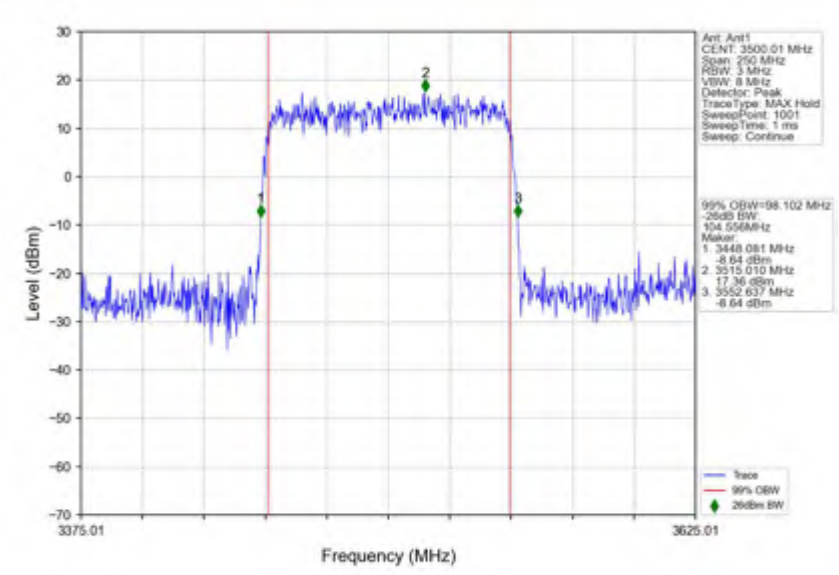
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 256 QAM_3499.98MHz_Outer_Full



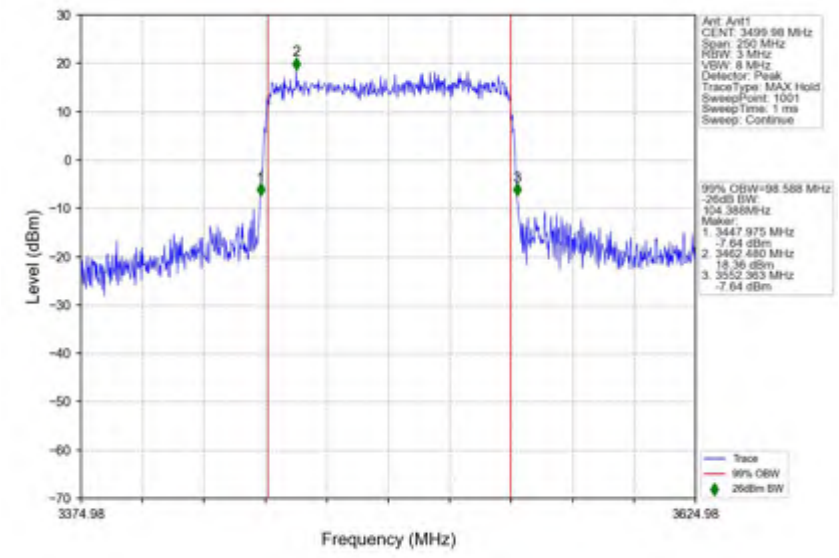
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full



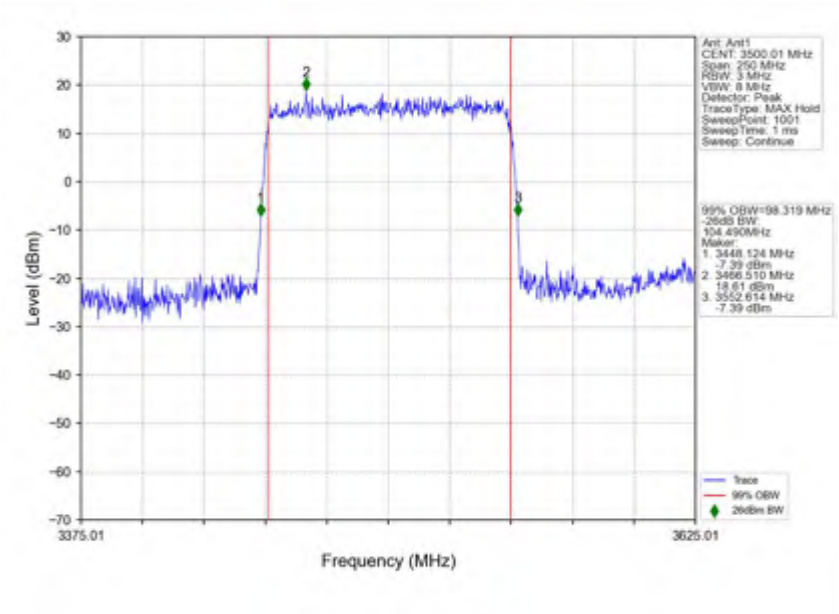
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full



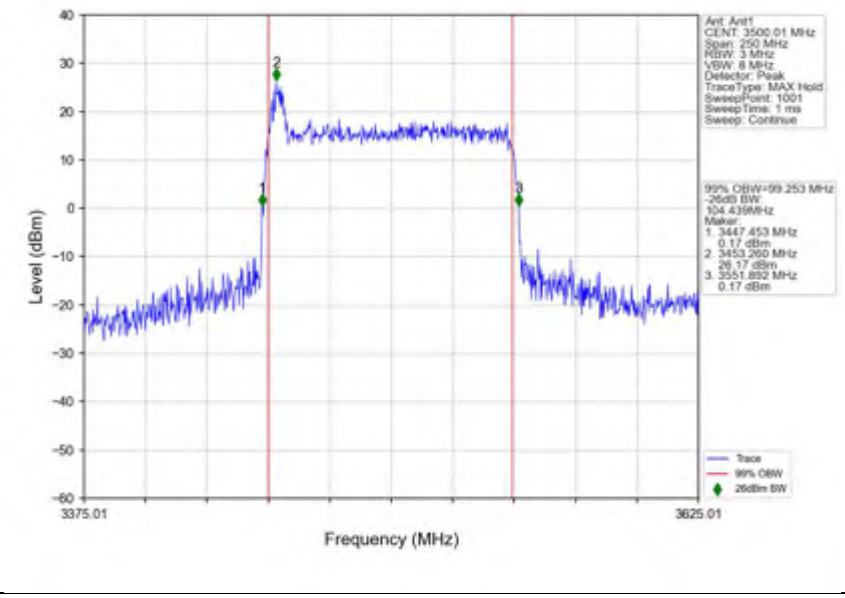
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3499.98MHz_Outer_Full



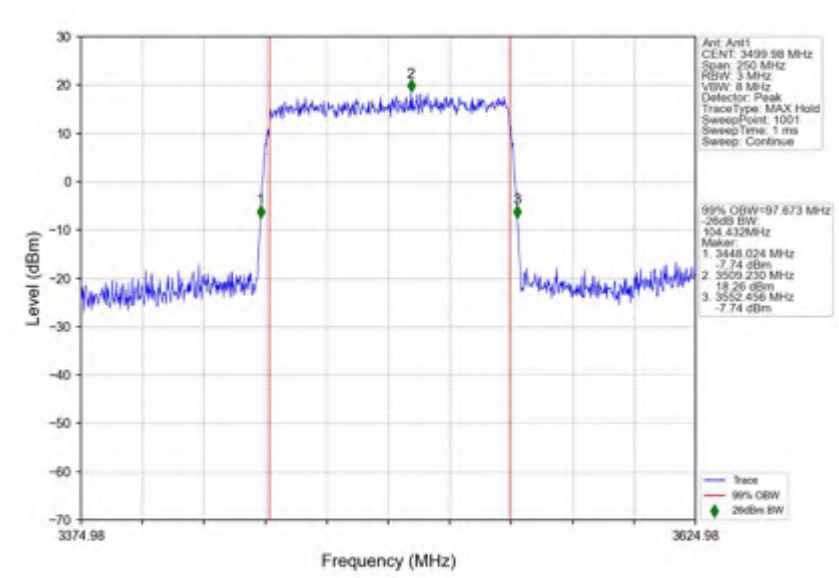
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full



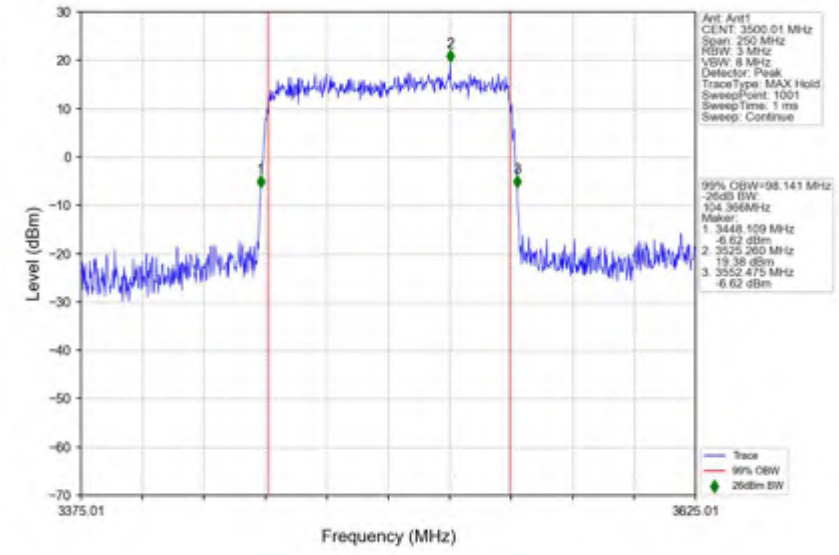
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full



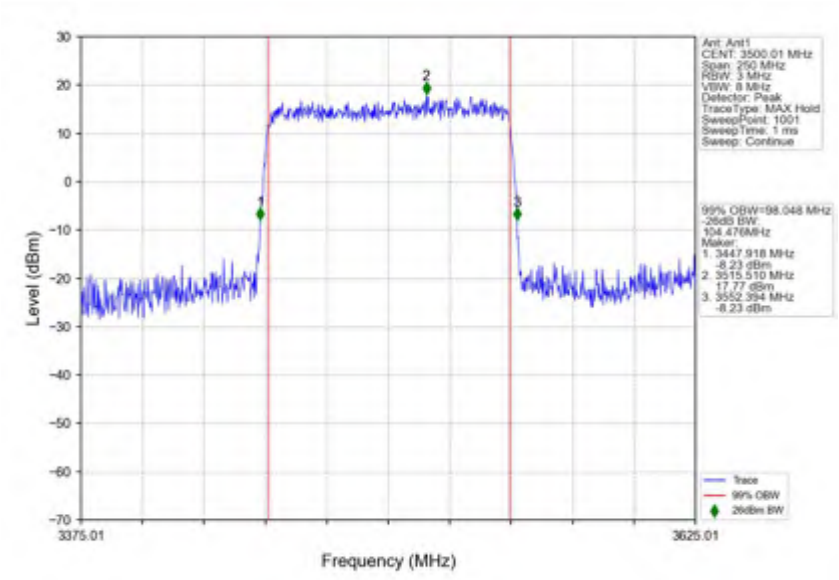
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3499.98MHz_Outer_Full



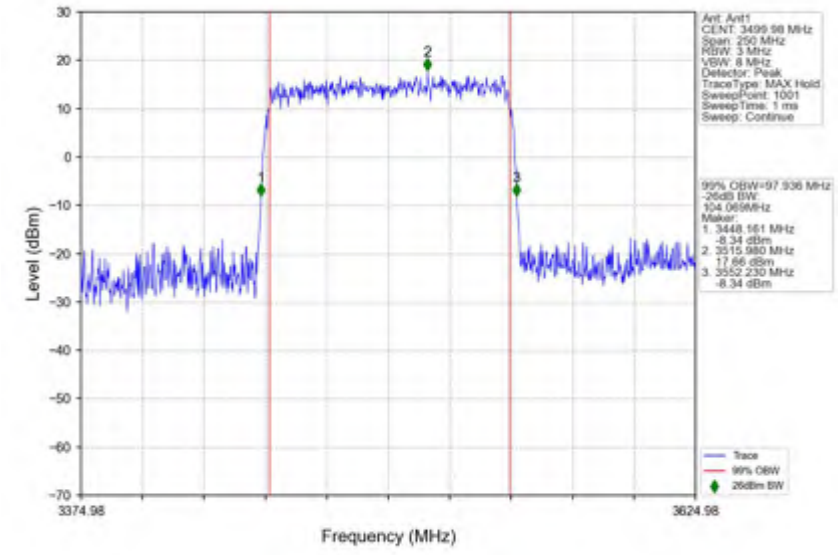
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full



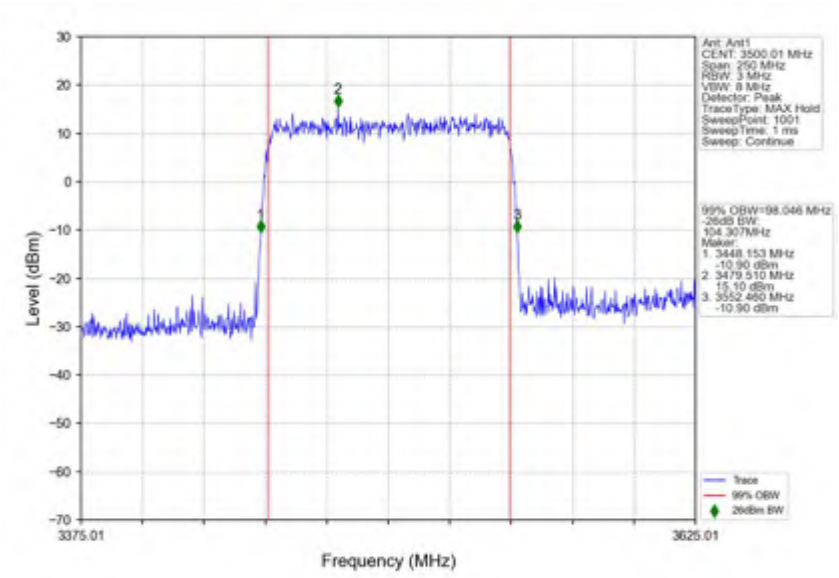
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full



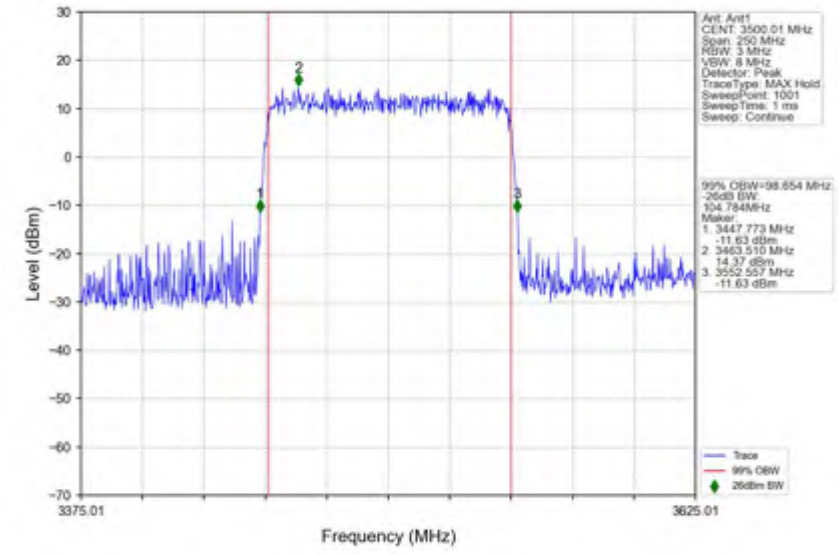
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3499.98MHz_Outer_Full



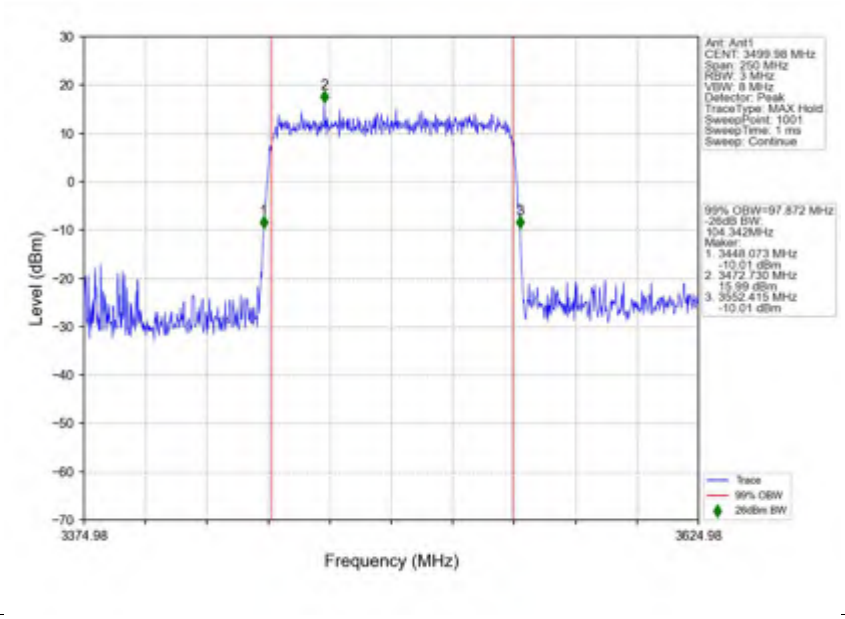
n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3499.98MHz_Outer_Full



4. Peak-Average Ratio

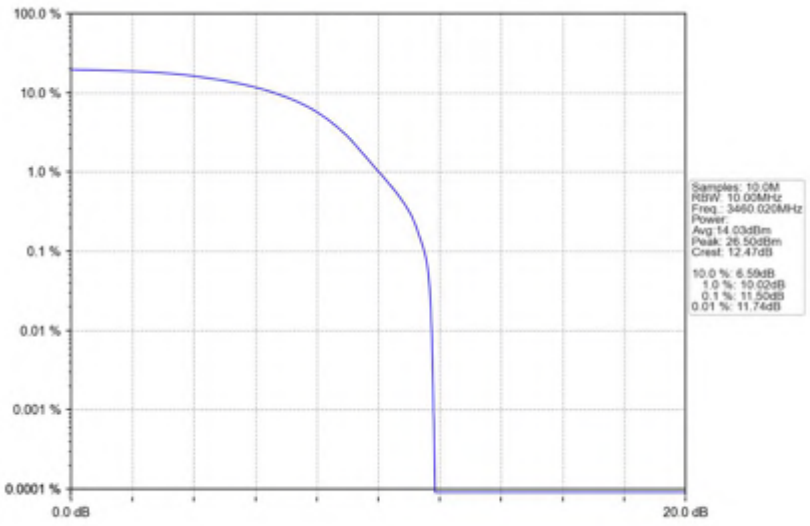
4.1 30k_SISO_20MHz_NTNV

4.1.1 Test Result

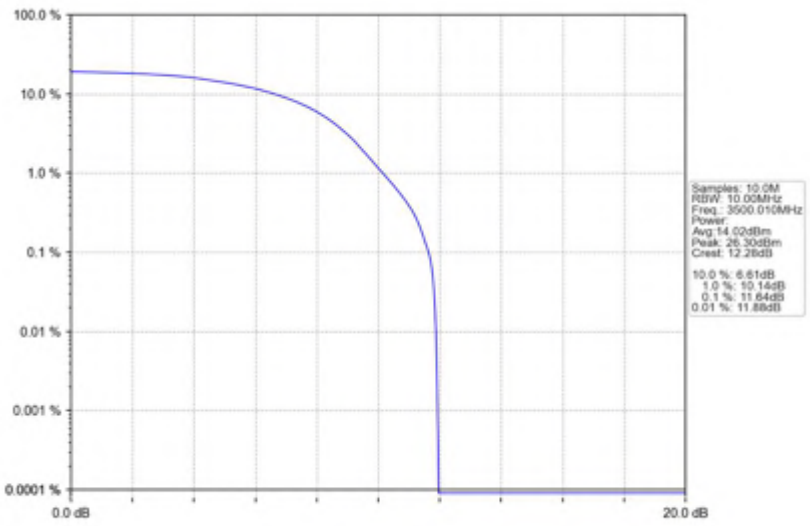
5G NR n78(3450-3550MHz) SCS=30kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3460.02	Outer_Full	11.50	/	/	<=13	Pass
	3500.01	Outer_Full	11.64	/	/	<=13	Pass
	3540	Outer_Full	11.09	/	/	<=13	Pass
DFT-s-OFDM QPSK	3460.02	Outer_Full	12.14	/	/	<=13	Pass
	3500.01	Outer_Full	12.18	/	/	<=13	Pass
	3540	Outer_Full	12.09	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3460.02	Outer_Full	12.93	/	/	<=13	Pass
	3500.01	Outer_Full	12.99	/	/	<=13	Pass
	3540	Outer_Full	10.36	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer_Full	10.72	/	/	<=13	Pass
	3500.01	Outer_Full	10.88	/	/	<=13	Pass
	3540	Outer_Full	10.37	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3460.02	Outer_Full	10.61	/	/	<=13	Pass
	3500.01	Outer_Full	10.42	/	/	<=13	Pass
	3540	Outer_Full	10.62	/	/	<=13	Pass
CP-OFDM QPSK	3460.02	Outer_Full	11.68	/	/	<=13	Pass
	3500.01	Outer_Full	11.71	/	/	<=13	Pass
	3540	Outer_Full	11.76	/	/	<=13	Pass
CP-OFDM 16 QAM	3460.02	Outer_Full	11.64	/	/	<=13	Pass
	3500.01	Outer_Full	11.65	/	/	<=13	Pass
	3540	Outer_Full	11.61	/	/	<=13	Pass
CP-OFDM 64 QAM	3460.02	Outer_Full	11.50	/	/	<=13	Pass
	3500.01	Outer_Full	11.74	/	/	<=13	Pass
	3540	Outer_Full	11.58	/	/	<=13	Pass
CP-OFDM 256 QAM	3460.02	Outer_Full	11.78	/	/	<=13	Pass
	3500.01	Outer_Full	11.70	/	/	<=13	Pass
	3540	Outer_Full	11.94	/	/	<=13	Pass

4.1.2 Test Graph

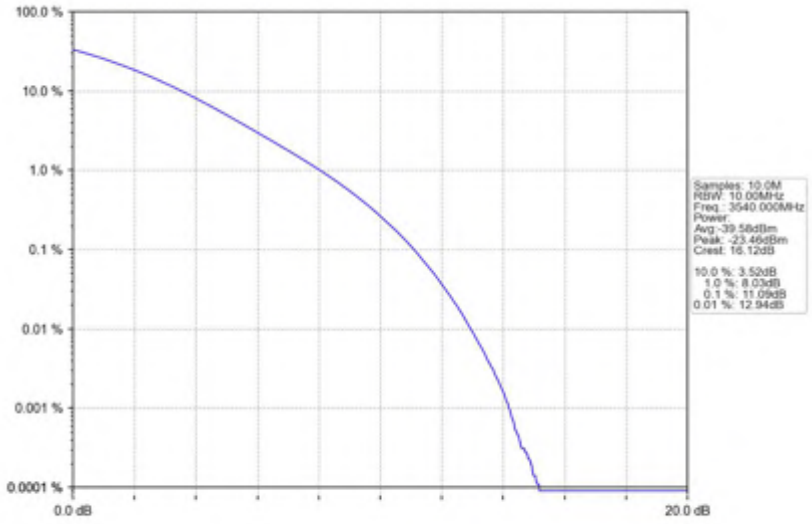
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3460.02MHz_Outer_Full



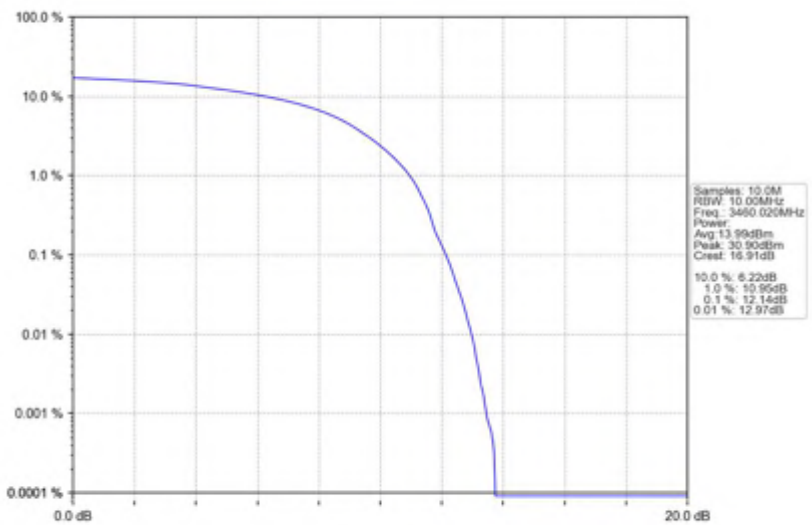
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full



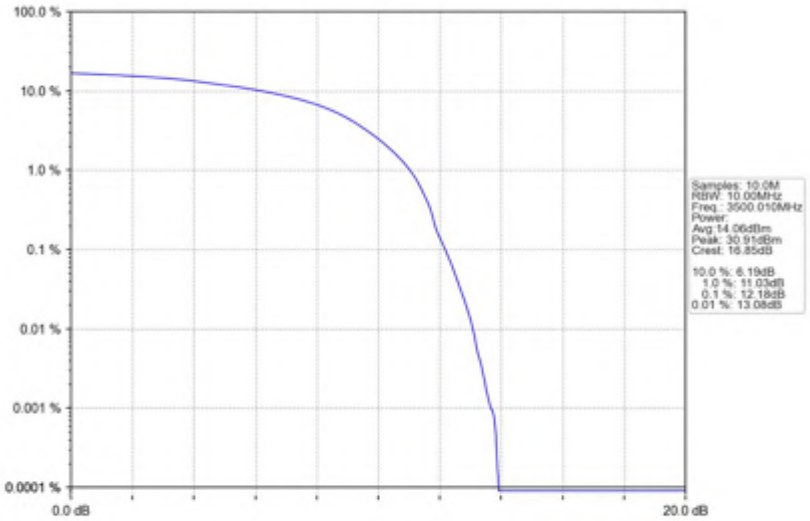
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3540MHz_Outer_Full



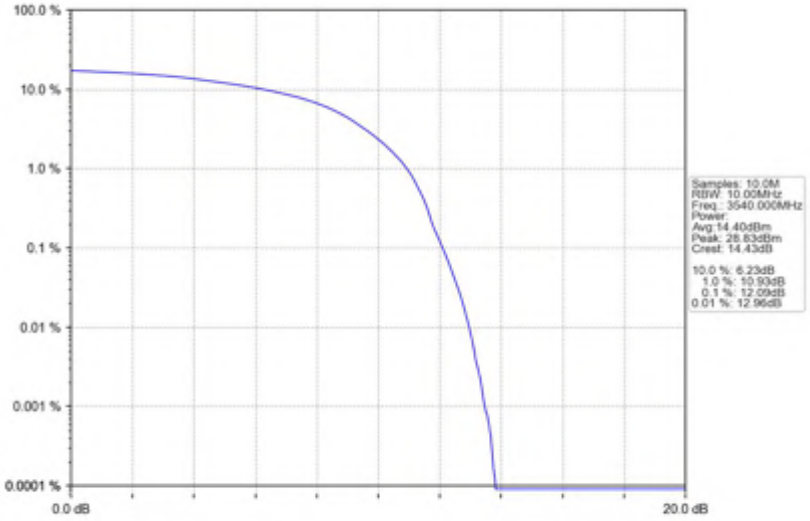
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3460.02MHz_Outer_Full



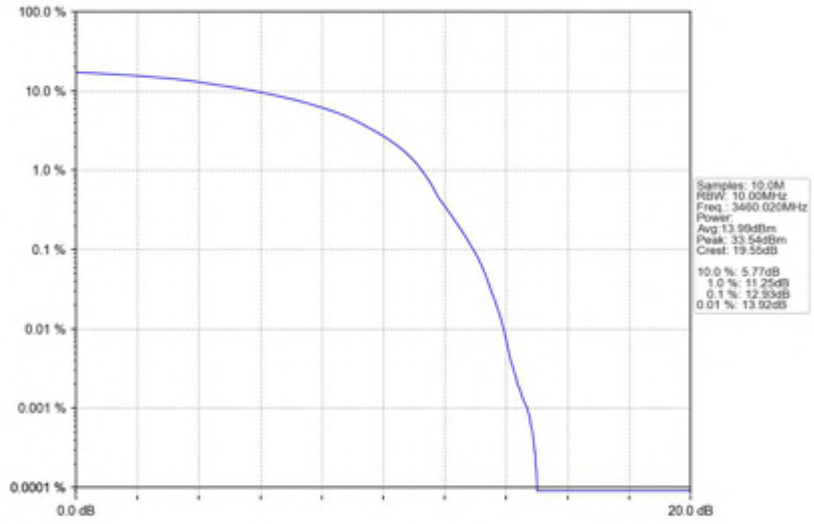
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full



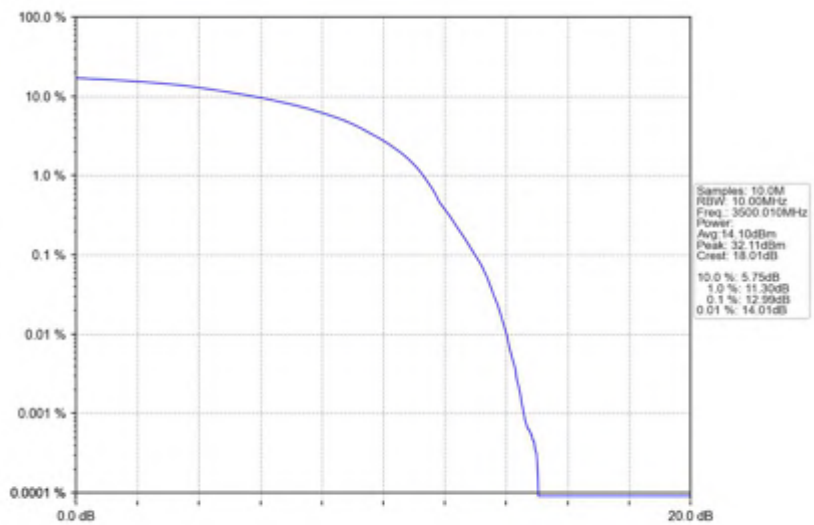
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3540MHz_Outer_Full



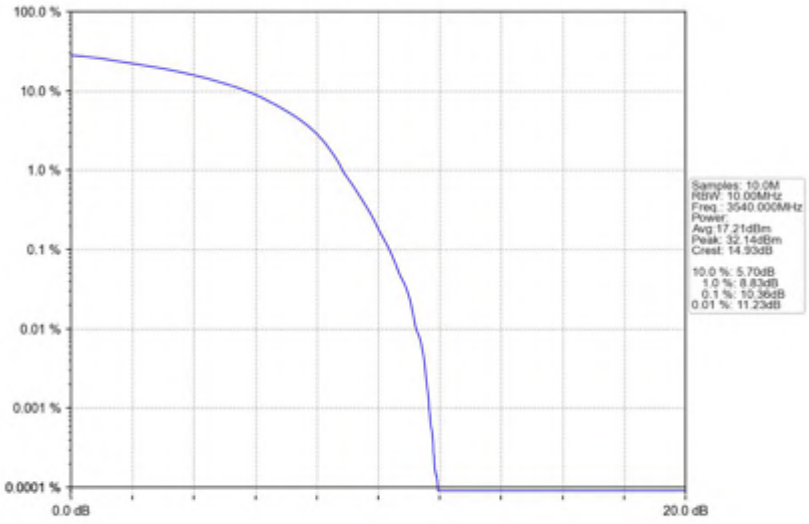
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3460.02MHz_Outer_Full



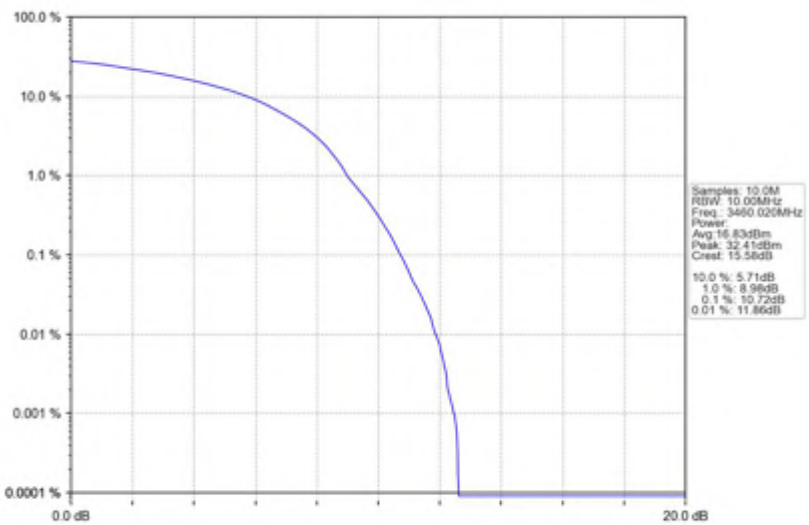
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full



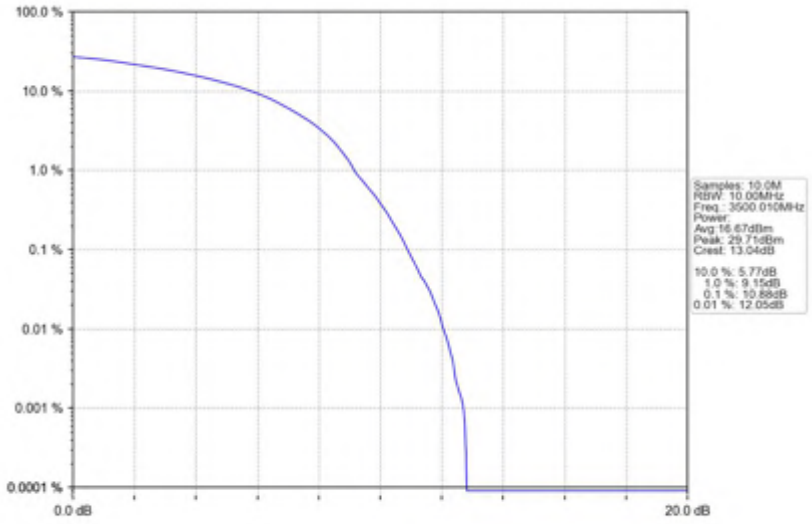
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3540MHz_Outer_Full



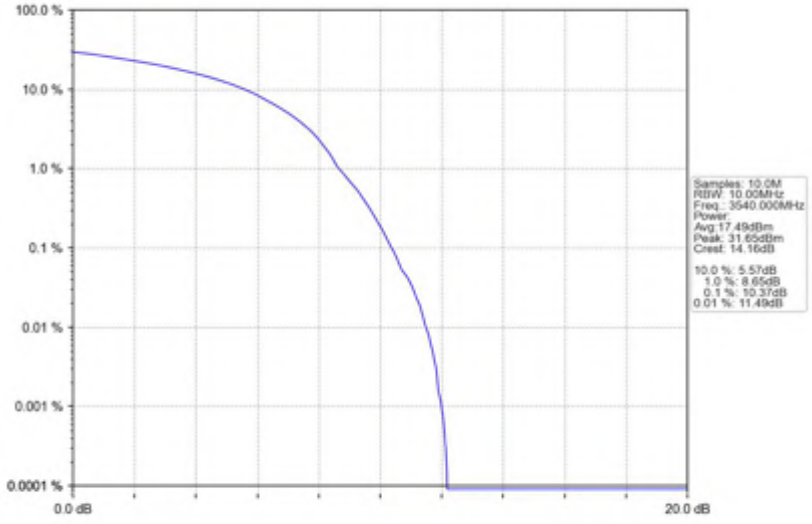
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3460.02MHz_Outer_Full



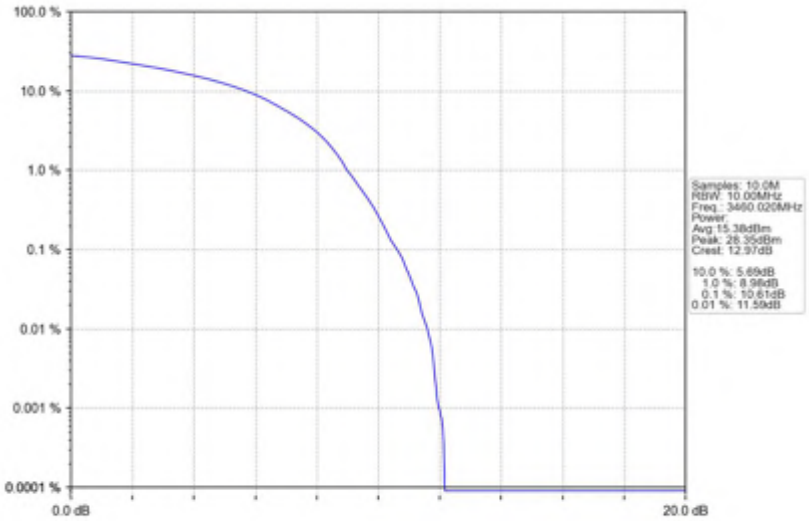
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full



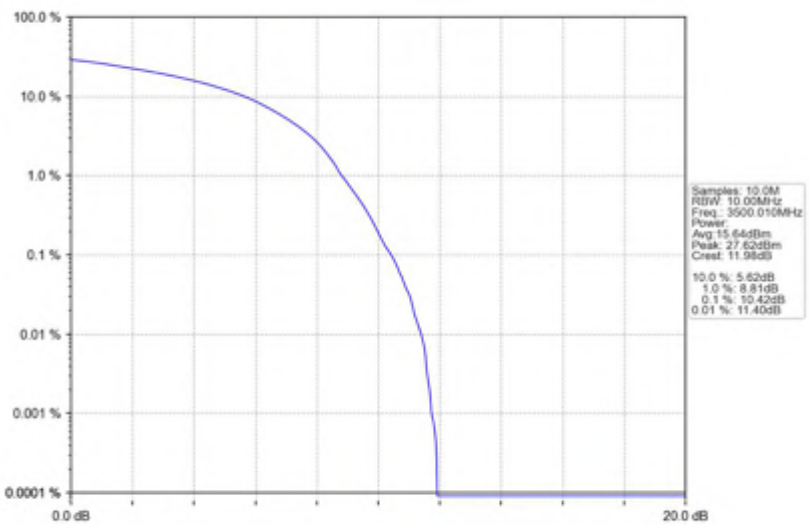
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3540MHz_Outer_Full



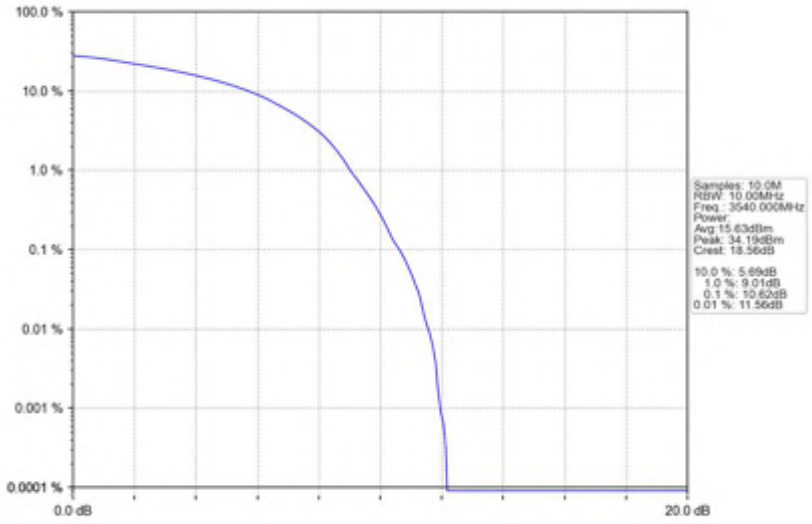
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3460.02MHz_Outer_Full



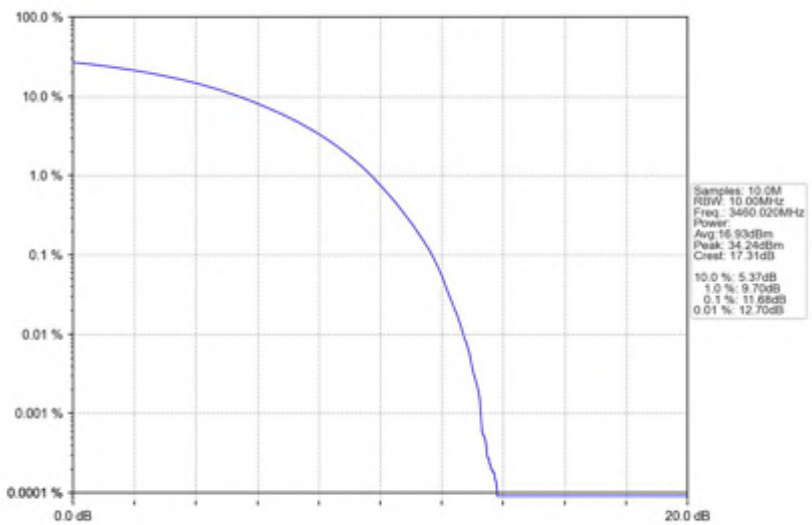
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3500.01MHz_Outer_Full



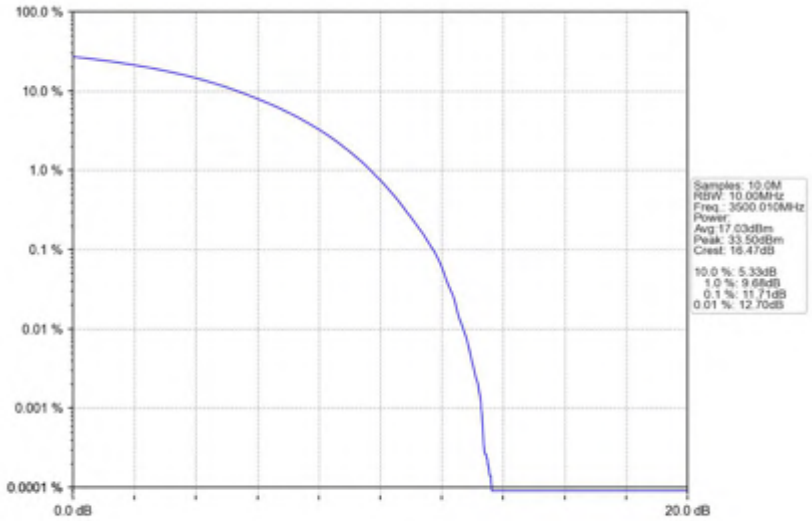
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3540MHz_Outer_Full



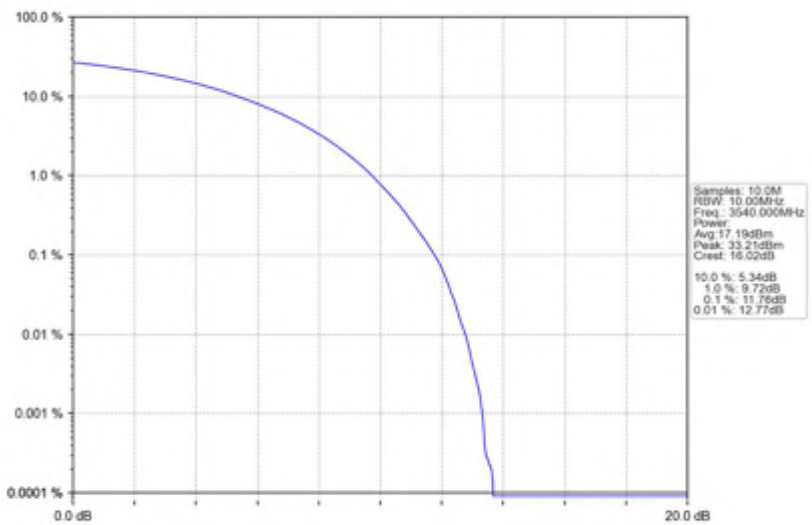
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3460.02MHz_Outer_Full



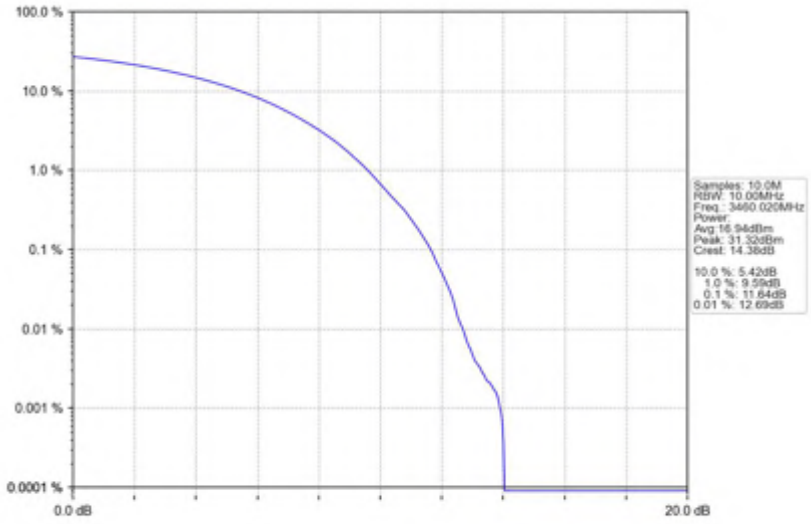
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full



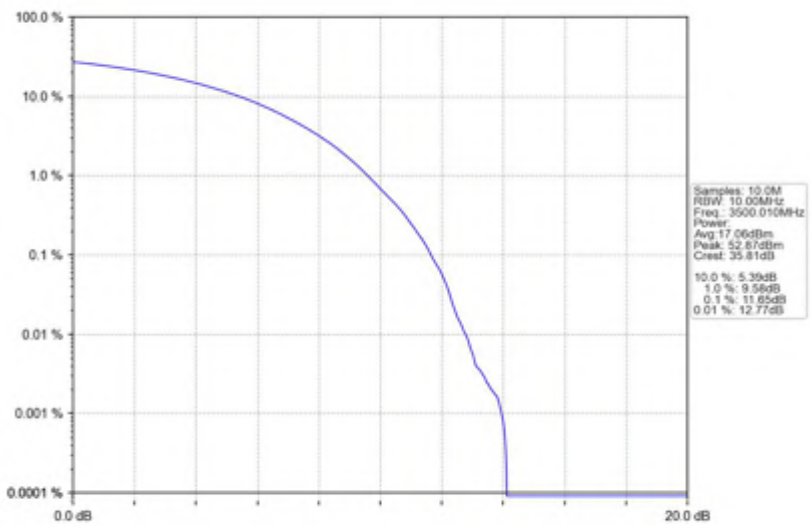
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Outer_Full



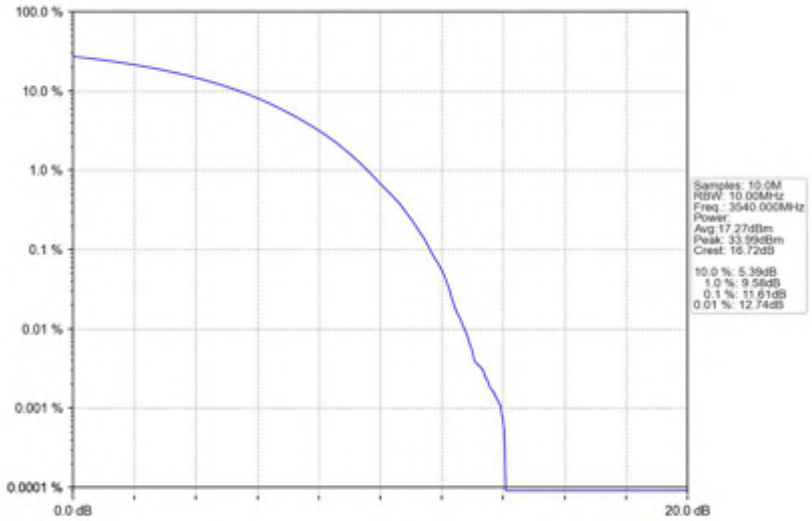
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3460.02MHz_Outer_Full



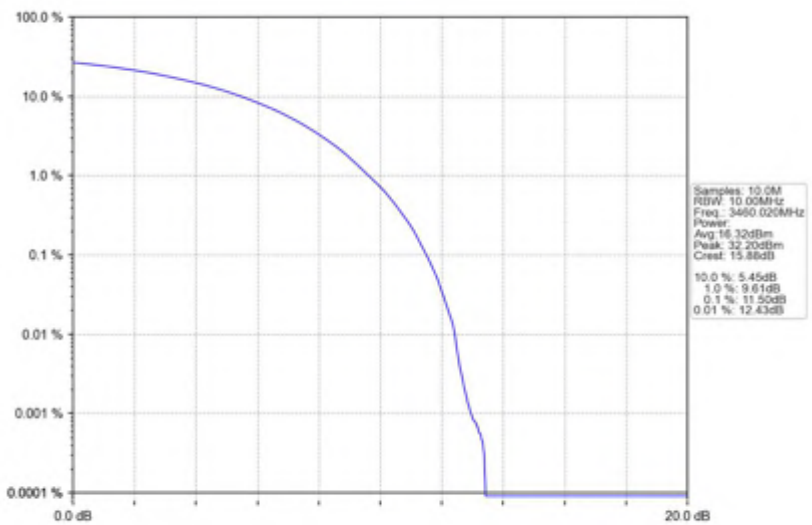
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full



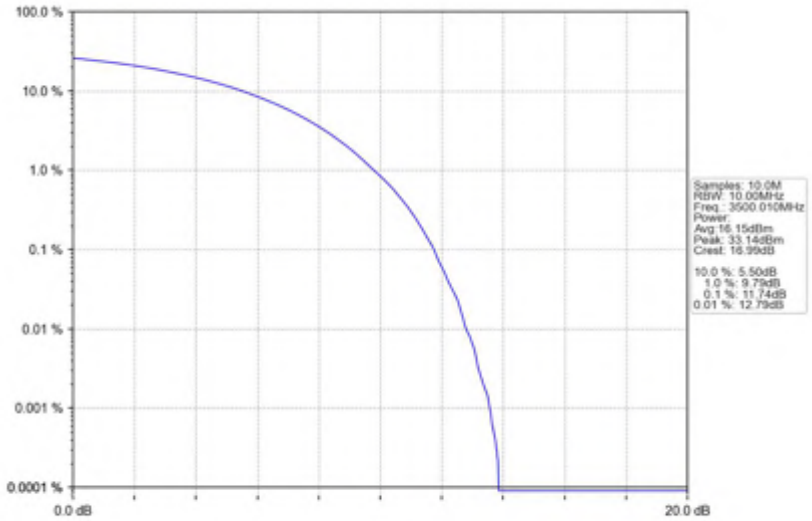
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3540MHz_Outer_Full



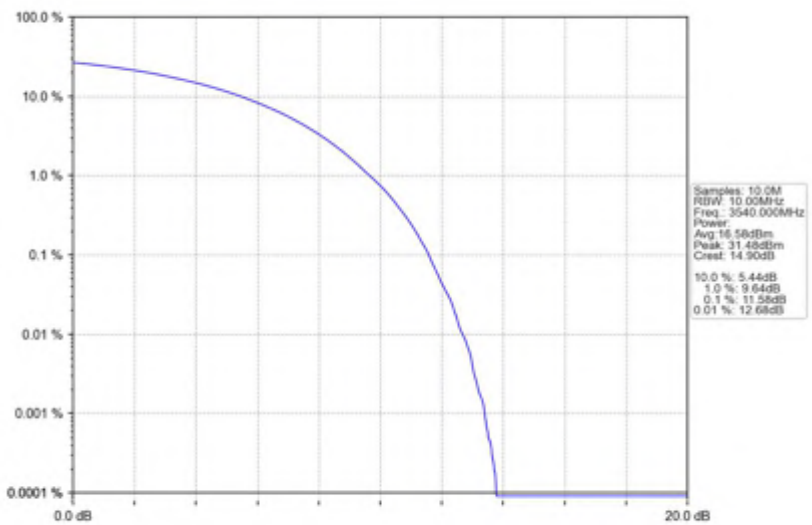
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3460.02MHz_Outer_Full



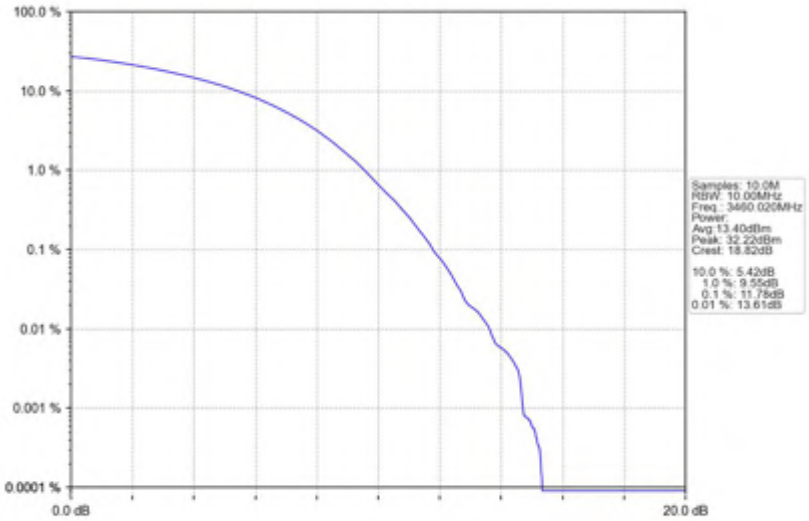
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full



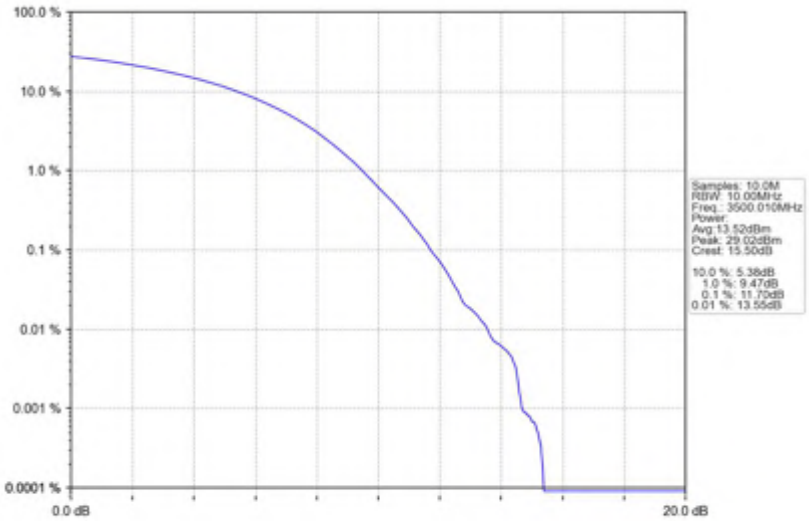
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3540MHz_Outer_Full



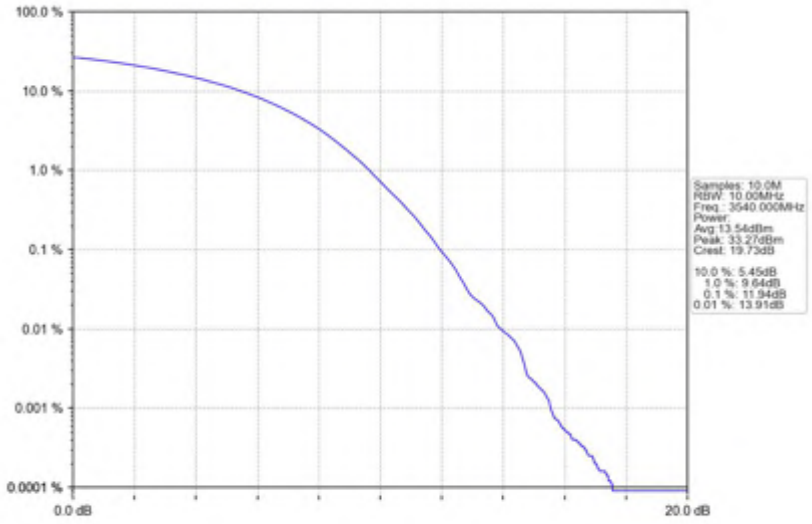
n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3460.02MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3540MHz_Outer_Full



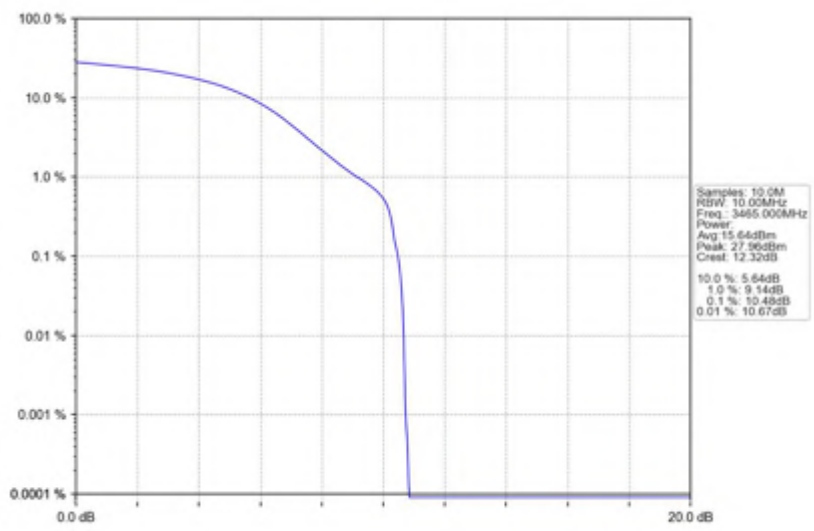
4.2 30k_SISO_30MHz_NTNV

4.2.1 Test Result

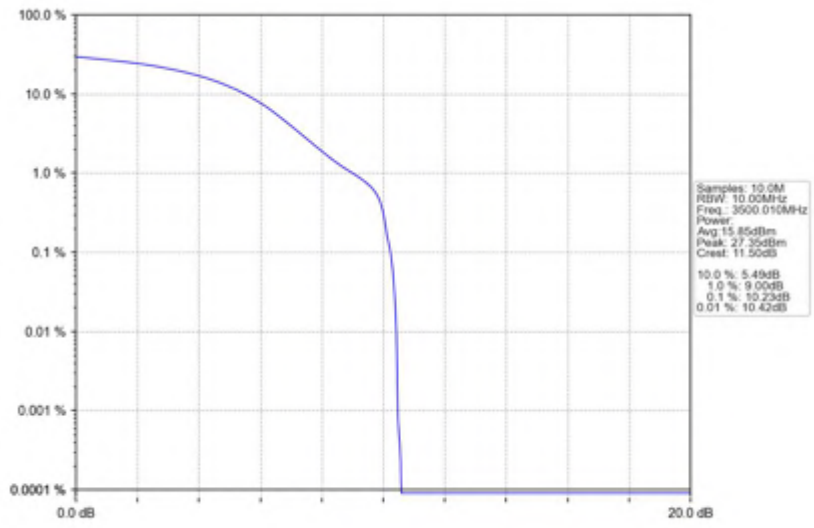
5G NR n78(3450-3550MHz) SCS=30kHz SISO 30MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3465	Outer_Full	10.48	/	/	<=13	Pass
	3500.01	Outer_Full	10.23	/	/	<=13	Pass
	3534.99	Outer_Full	10.47	/	/	<=13	Pass
DFT-s-OFDM QPSK	3465	Outer_Full	10.54	/	/	<=13	Pass
	3500.01	Outer_Full	10.66	/	/	<=13	Pass
	3534.99	Outer_Full	10.53	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3465	Outer_Full	10.81	/	/	<=13	Pass
	3500.01	Outer_Full	10.83	/	/	<=13	Pass
	3534.99	Outer_Full	10.93	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3465	Outer_Full	10.79	/	/	<=13	Pass
	3500.01	Outer_Full	10.84	/	/	<=13	Pass
	3534.99	Outer_Full	10.84	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3465	Outer_Full	11.15	/	/	<=13	Pass
	3500.01	Outer_Full	11.07	/	/	<=13	Pass
	3534.99	Outer_Full	10.78	/	/	<=13	Pass
CP-OFDM QPSK	3465	Outer_Full	11.74	/	/	<=13	Pass
	3500.01	Outer_Full	11.85	/	/	<=13	Pass
	3534.99	Outer_Full	11.71	/	/	<=13	Pass
CP-OFDM 16 QAM	3465	Outer_Full	11.54	/	/	<=13	Pass
	3500.01	Outer_Full	11.84	/	/	<=13	Pass
	3534.99	Outer_Full	11.72	/	/	<=13	Pass
CP-OFDM 64 QAM	3465	Outer_Full	11.64	/	/	<=13	Pass
	3500.01	Outer_Full	11.76	/	/	<=13	Pass
	3534.99	Outer_Full	11.66	/	/	<=13	Pass
CP-OFDM 256 QAM	3465	Outer_Full	11.96	/	/	<=13	Pass
	3500.01	Outer_Full	11.73	/	/	<=13	Pass
	3534.99	Outer_Full	11.74	/	/	<=13	Pass

4.2.2 Test Graph

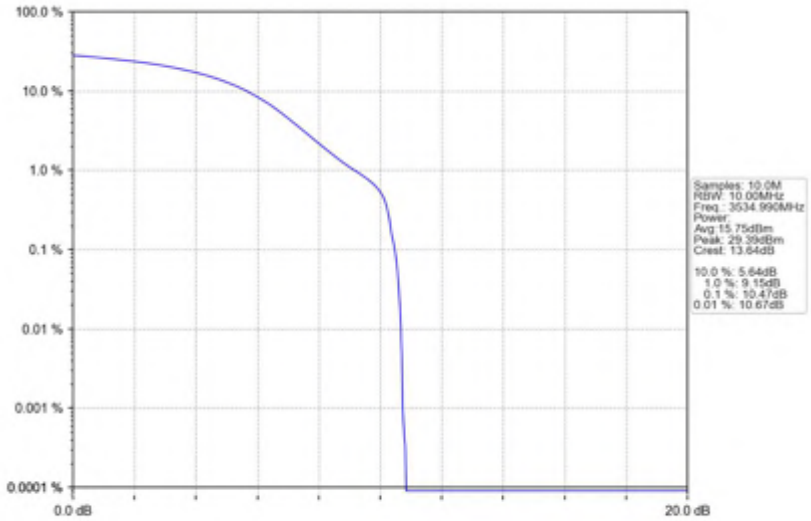
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3465MHz_Outer_Full



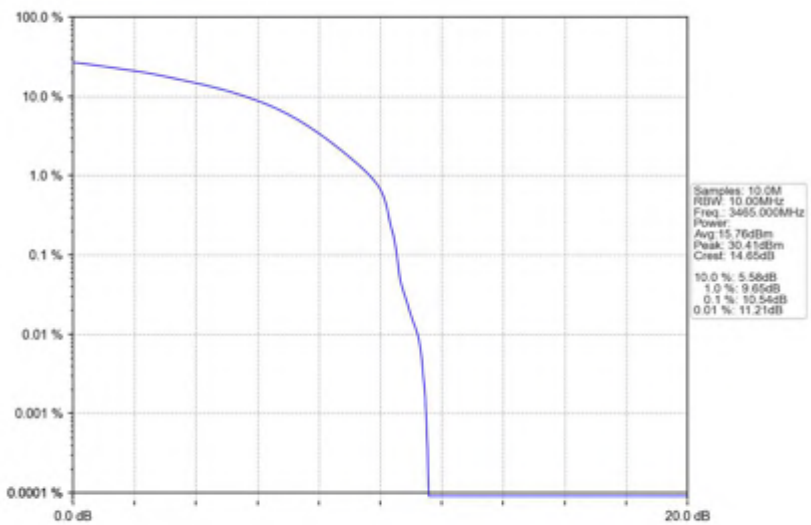
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full



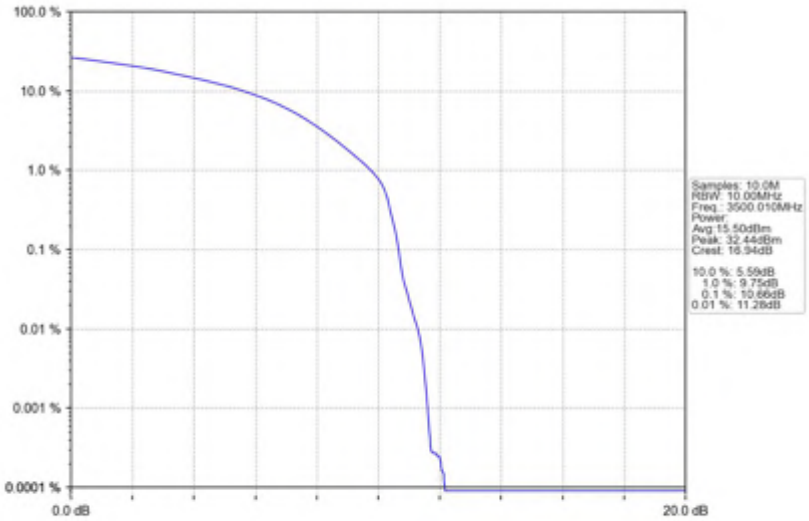
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3534.99MHz_Outer_Full



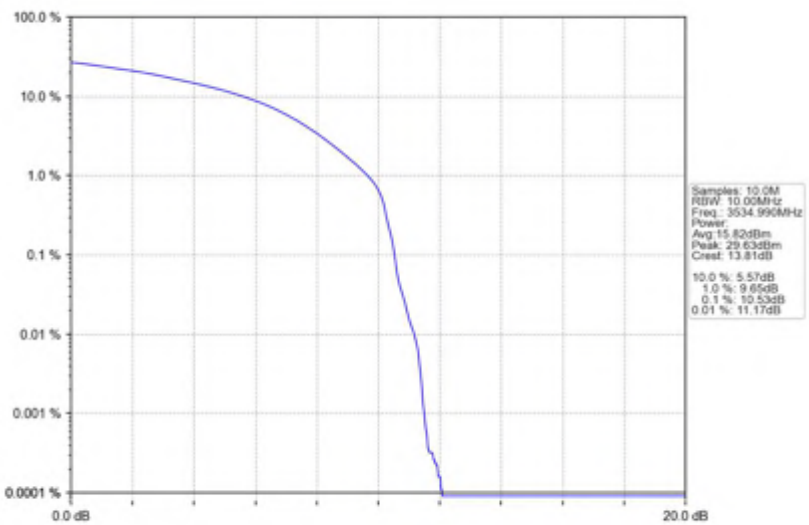
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3465MHz_Outer_Full



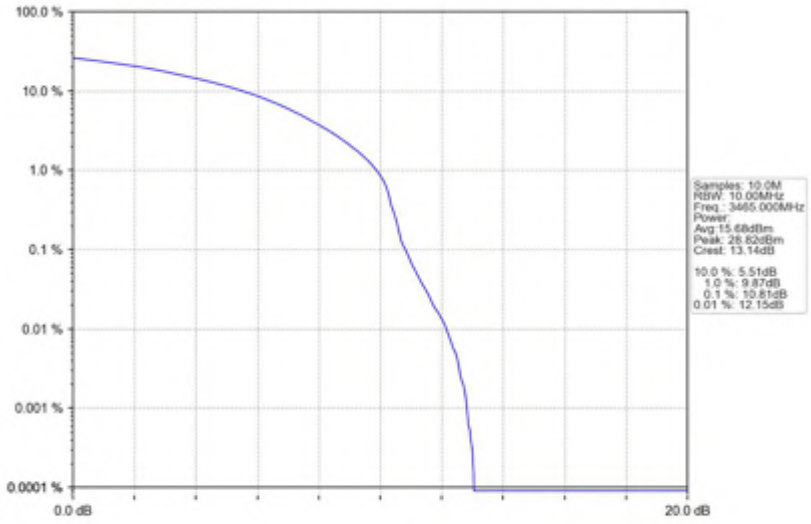
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full



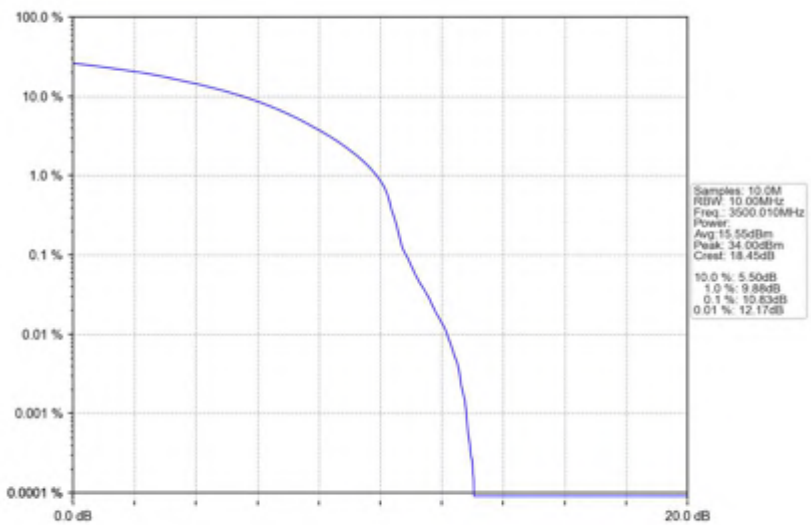
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3534.99MHz_Outer_Full



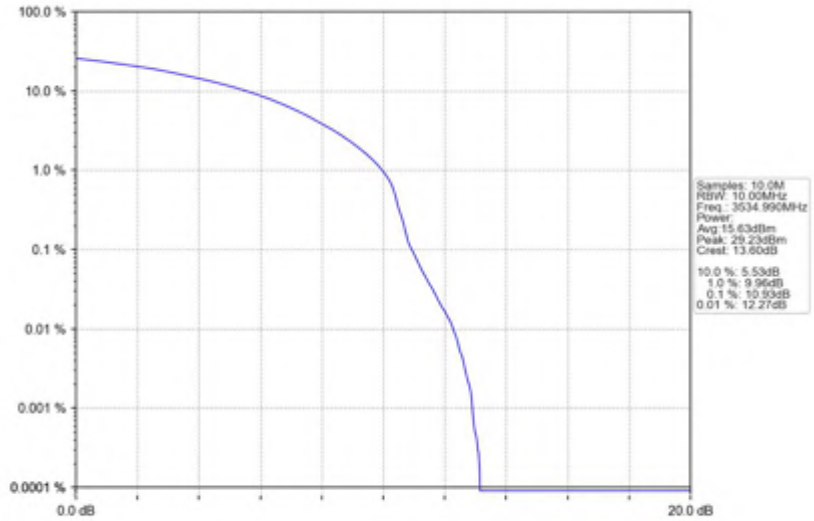
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3465MHz_Outer_Full



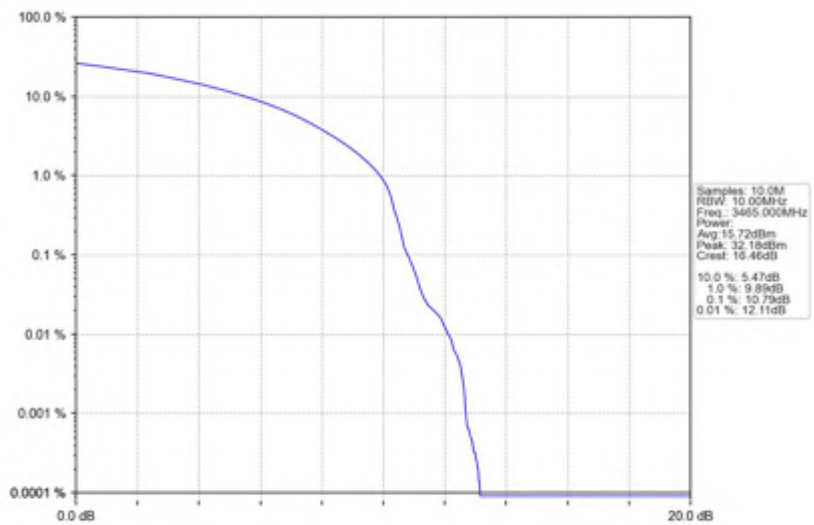
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full



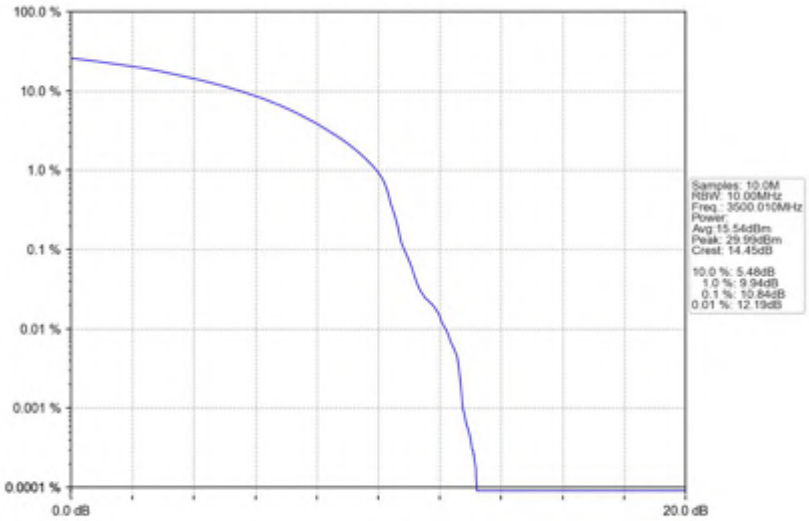
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3534.99MHz_Outer_Full



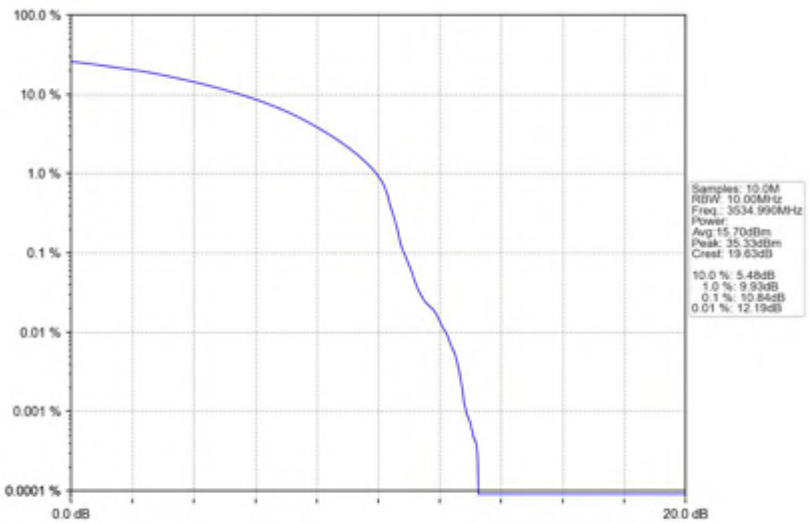
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3465MHz_Outer_Full



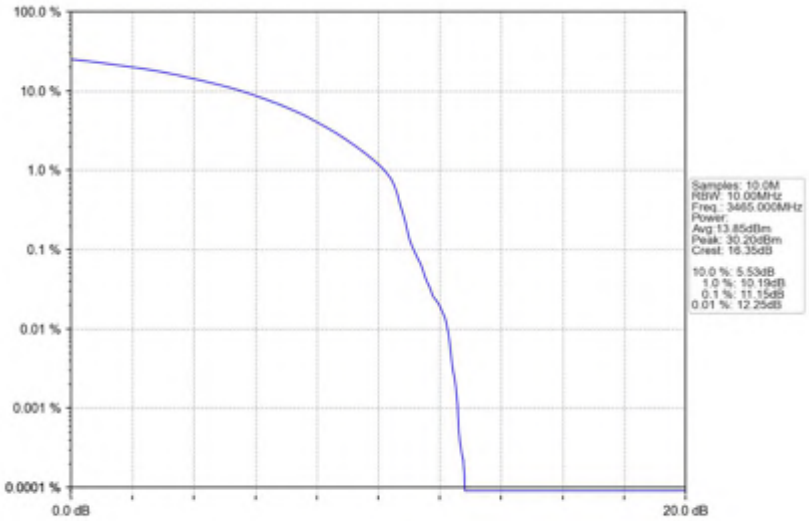
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full



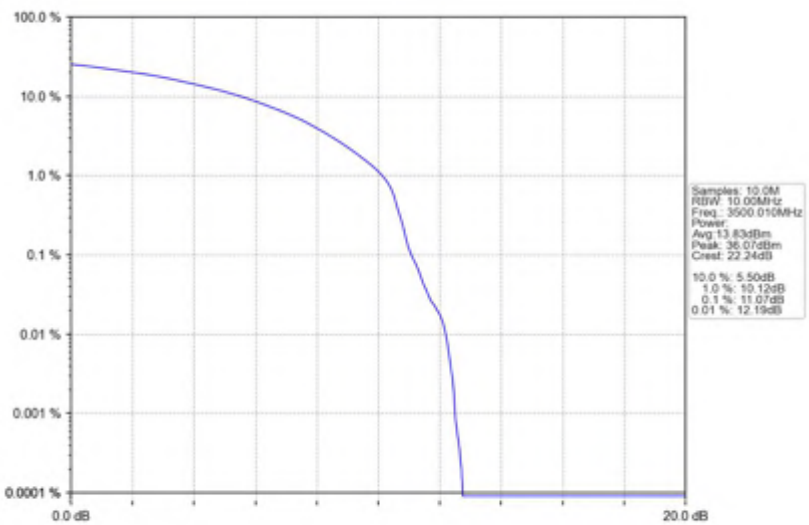
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3534.99MHz_Outer_Full



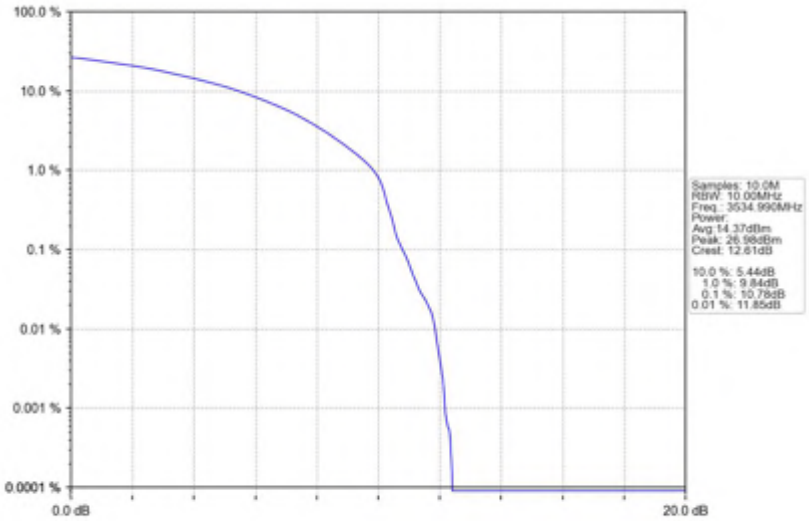
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3465MHz_Outer_Full



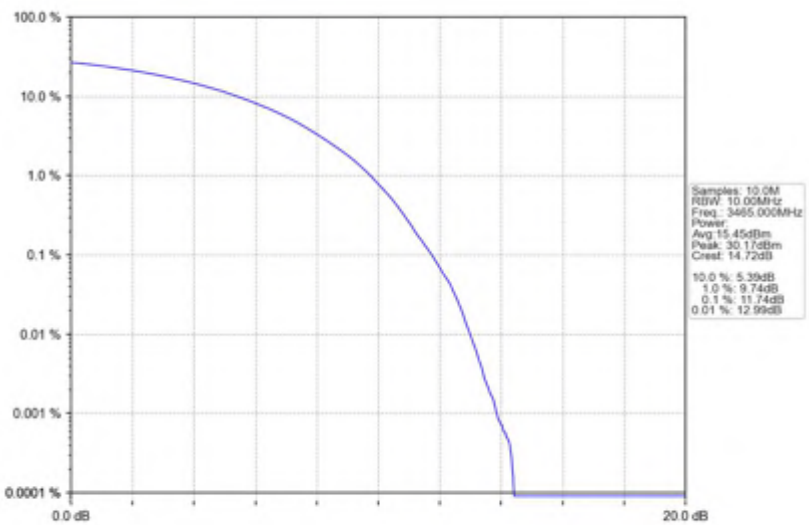
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3500.01MHz_Outer_Full



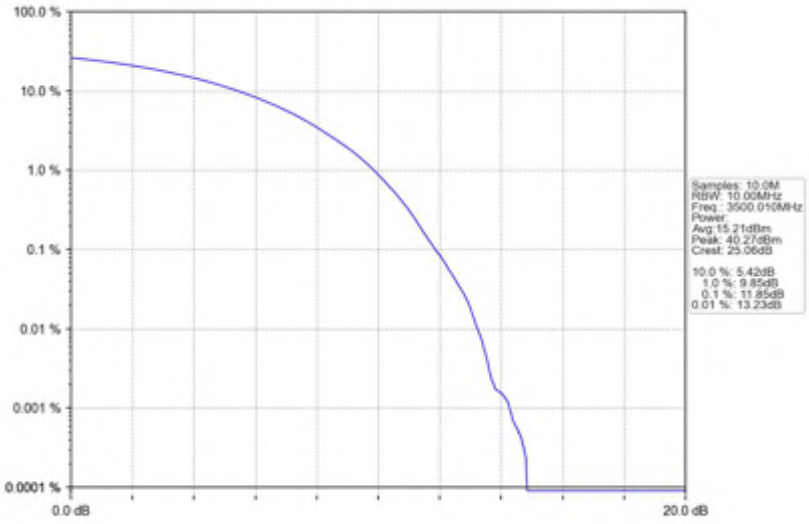
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3534.99MHz_Outer_Full



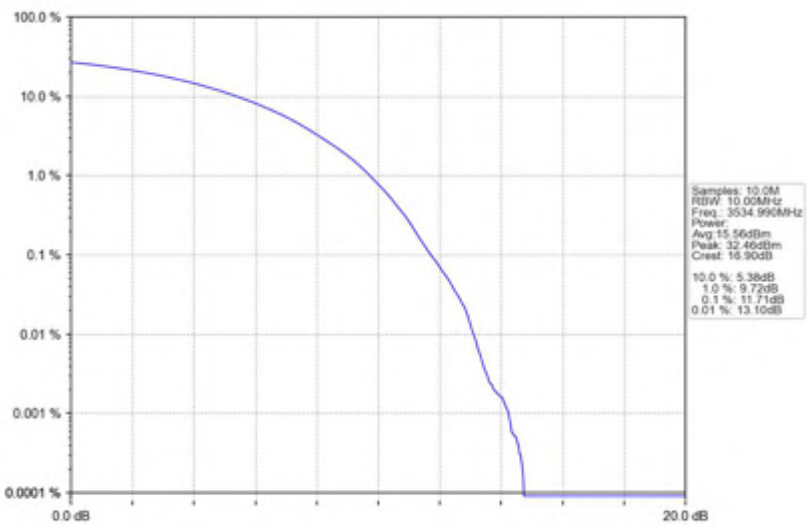
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3465MHz_Outer_Full



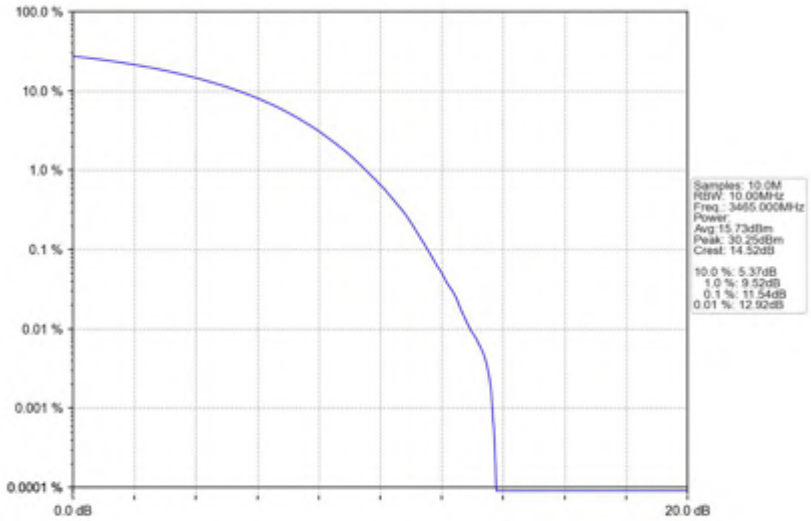
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full



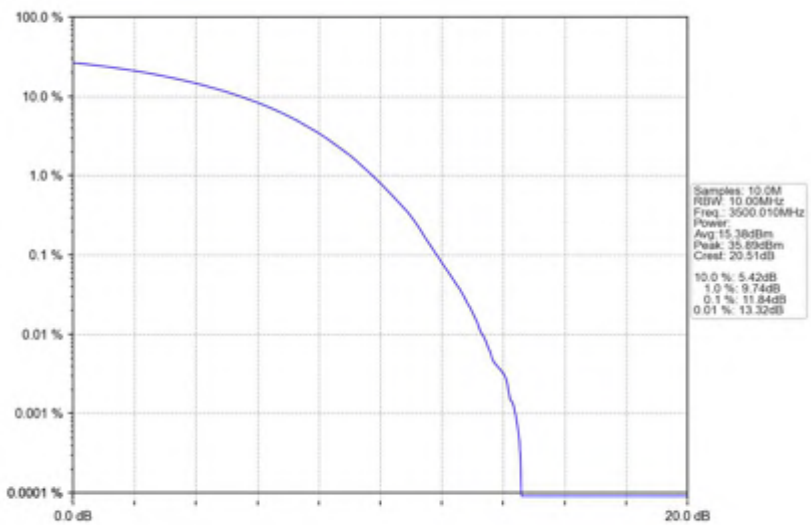
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3534.99MHz_Outer_Full



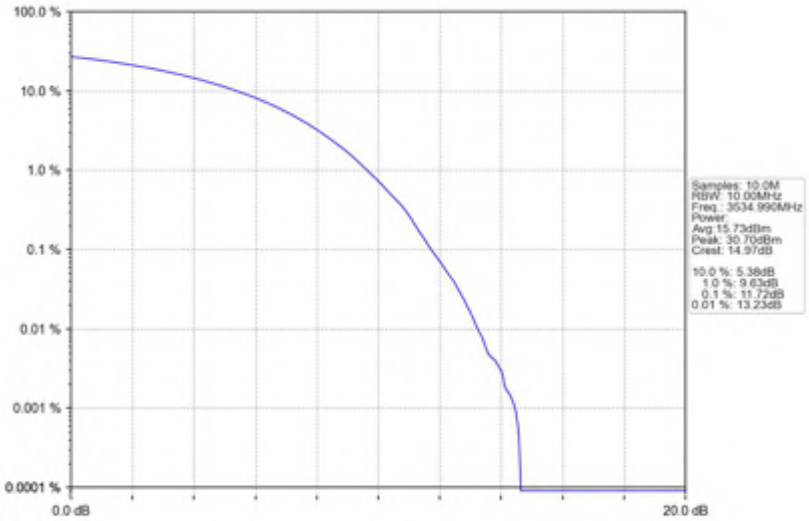
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_3465MHz_Outer_Full



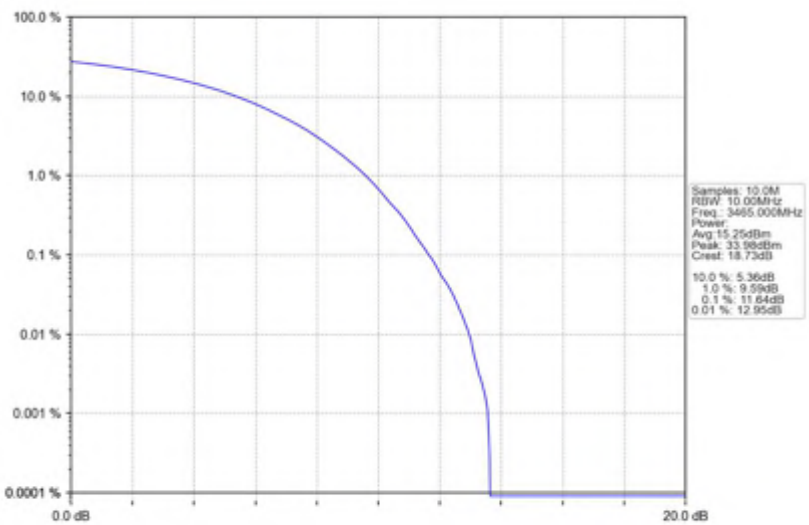
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_3534.99MHz_Outer_Full

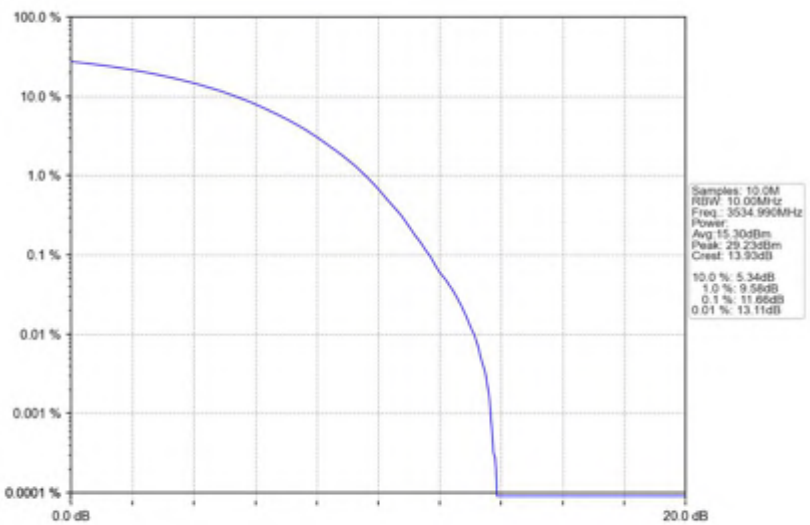


n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3465MHz_Outer_Full

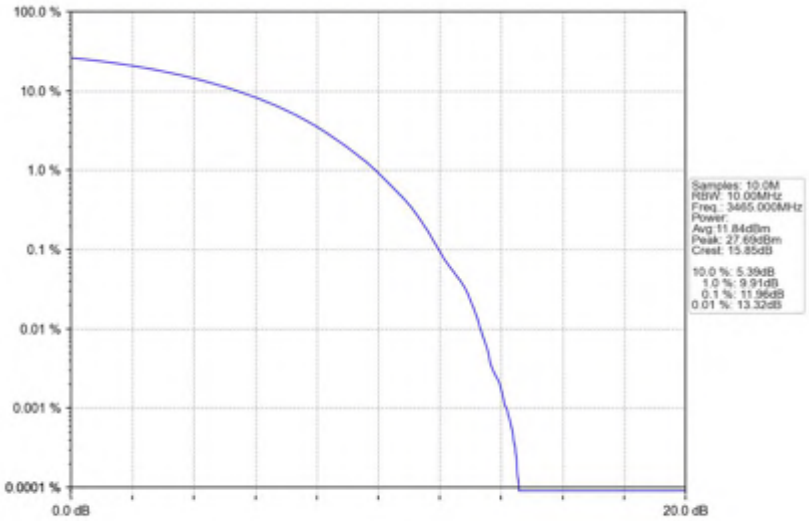


n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full

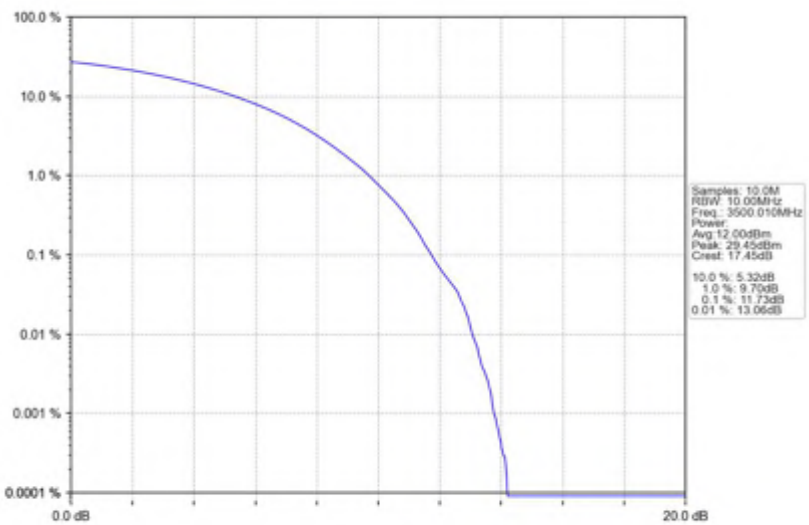
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3534.99MHz_Outer_Full



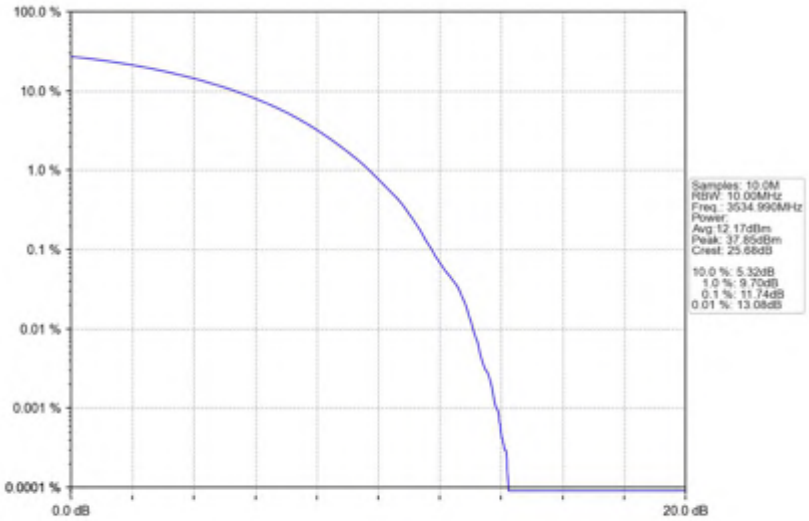
n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3465MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3534.99MHz_Outer_Full



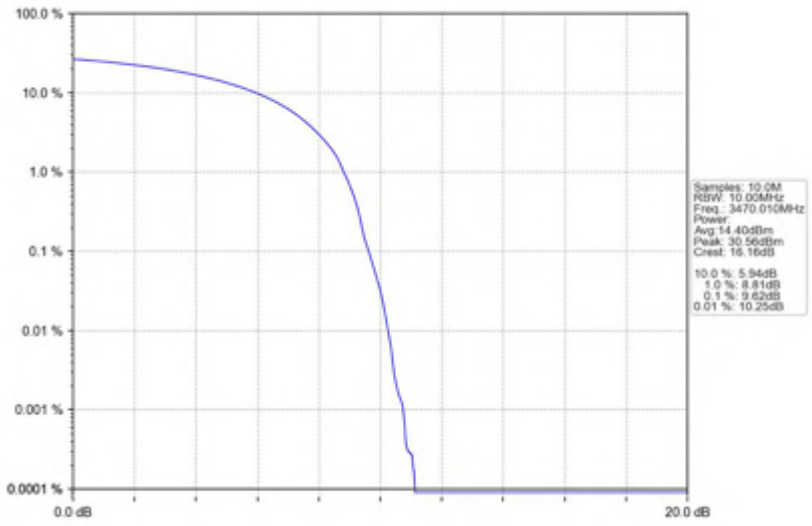
4.3 30k_SISO_40MHz_NTNV

4.3.1 Test Result

5G NR n78(3450-3550MHz) SCS=30kHz SISO 40MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Outer_Full	9.62	/	/	<=13	Pass
	3500.01	Outer_Full	12.08	/	/	<=13	Pass
	3529.98	Outer_Full	11.92	/	/	<=13	Pass
DFT-s-OFDM QPSK	3470.01	Outer_Full	12.92	/	/	<=13	Pass
	3500.01	Outer_Full	11.01	/	/	<=13	Pass
	3529.98	Outer_Full	10.46	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer_Full	10.74	/	/	<=13	Pass
	3500.01	Outer_Full	11.06	/	/	<=13	Pass
	3529.98	Outer_Full	10.93	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	11.14	/	/	<=13	Pass
	3500.01	Outer_Full	11.14	/	/	<=13	Pass
	3529.98	Outer_Full	11.05	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3470.01	Outer_Full	11.12	/	/	<=13	Pass
	3500.01	Outer_Full	11.00	/	/	<=13	Pass
	3529.98	Outer_Full	11.00	/	/	<=13	Pass
CP-OFDM QPSK	3470.01	Outer_Full	11.54	/	/	<=13	Pass
	3500.01	Outer_Full	11.47	/	/	<=13	Pass
	3529.98	Outer_Full	11.65	/	/	<=13	Pass
CP-OFDM 16 QAM	3470.01	Outer_Full	11.74	/	/	<=13	Pass
	3500.01	Outer_Full	11.71	/	/	<=13	Pass
	3529.98	Outer_Full	11.65	/	/	<=13	Pass
CP-OFDM 64 QAM	3470.01	Outer_Full	11.89	/	/	<=13	Pass
	3500.01	Outer_Full	11.83	/	/	<=13	Pass
	3529.98	Outer_Full	11.87	/	/	<=13	Pass
CP-OFDM 256 QAM	3470.01	Outer_Full	11.33	/	/	<=13	Pass
	3500.01	Outer_Full	11.49	/	/	<=13	Pass
	3529.98	Outer_Full	11.77	/	/	<=13	Pass

4.3.2 Test Graph

n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3470.01MHz_Outer_Full



n78(3450-3550MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full