Appendix C

1. Effective (Isotropic) Radiated Power Output Data

1.1 30k_SISO_20MHz_NTNV_EIRP

1.1.1 Test Result

5G NR n78(3700-3800MHz) 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	3710.01	Edge_1RB_Left	23.49	/	/	24.78	/	/	<=30	Pass
		Edge_1RB_Right	23.43	/	/	24.72	/	/	<=30	Pass
		Outer_Full	23.96	/	/	25.25	/	/	<=30	Pass
		Inner_Full	23.96	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Left	23.92	/	/	25.21	/	/	<=30	Pass
		Inner_1RB_Right	23.97	/	/	25.26	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.36	/	/	24.65	/	/	<=30	Pass
		Edge_1RB_Right	23.33	/	/	24.62	/	/	<=30	Pass
		Outer_Full	23.78	/	/	25.07	/	/	<=30	Pass
		Inner_Full	23.71	/	/	25.00	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Right	23.79	/	/	25.08	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	23.41	/	/	24.70	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	24.78	/	/	<=30	Pass
		Outer_Full	23.86	/	/	25.15	/	/	<=30	Pass
		Inner_Full	23.88	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	25.23	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	23.35	/	/	24.64	/	/	<=30	Pass
		Edge_1RB_Right	23.41	/	/	24.70	/	/	<=30	Pass
		Outer_Full	23.98	/	/	25.27	/	/	<=30	Pass
		Inner_Full	23.93	/	/	25.22	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	25.15	/	/	<=30	Pass
		Inner_1RB_Right	23.90	/	/	25.19	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.39	/	/	24.68	/	/	<=30	Pass
		Edge_1RB_Right	23.38	/	/	24.67	/	/	<=30	Pass
		Outer_Full	23.79	/	/	25.08	/	/	<=30	Pass
		Inner_Full	23.69	/	/	24.98	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	25.15	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	23.41	/	/	24.70	/	/	<=30	Pass
		Edge_1RB_Right	23.46	/	/	24.75	/	/	<=30	Pass
		Outer_Full	23.94	/	/	25.23	/	/	<=30	Pass
		Inner_Full	23.84	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Left	23.87	/	/	25.16	/	/	<=30	Pass
		Inner_1RB_Right	23.91	/	/	25.20	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	23.50	/	/	24.79	/	/	<=30	Pass
		Edge_1RB_Right	23.56	/	/	24.85	/	/	<=30	Pass
		Outer_Full	24.01	/	/	25.30	/	/	<=30	Pass
		Inner_Full	23.99	/	/	25.28	/	/	<=30	Pass
		Inner_1RB_Left	24.04	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Right	24.10	/	/	25.39	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.37	/	/	24.66	/	/	<=30	Pass
		Edge_1RB_Right	23.39	/	/	24.68	/	/	<=30	Pass

		Outer_Full	23.74	/	/	25.03	/	/	<=30	Pass
		Inner_Full	23.77	/	/	25.06	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	25.15	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	25.17	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	23.53	/	/	24.82	/	/	<=30	Pass
		Edge_1RB_Right	23.59	/	/	24.88	/	/	<=30	Pass
		Outer_Full	23.89	/	/	25.18	/	/	<=30	Pass
		Inner_Full	23.94	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Left	24.03	/	/	25.32	/	/	<=30	Pass
		Inner_1RB_Right	24.04	/	/	25.33	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge_1RB_Left	23.46	/	/	24.75	/	/	<=30	Pass
		Edge_1RB_Right	23.50	/	/	24.79	/	/	<=30	Pass
		Outer_Full	23.96	/	/	25.25	/	/	<=30	Pass
		Inner_Full	23.98	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Right	24.11	/	/	25.40	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.34	/	/	24.63	/	/	<=30	Pass
		Edge_1RB_Right	23.36	/	/	24.65	/	/	<=30	Pass
		Outer_Full	23.74	/	/	25.03	/	/	<=30	Pass
		Inner_Full	23.74	/	/	25.03	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Right	23.80	/	/	25.09	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	23.43	/	/	24.72	/	/	<=30	Pass
		Edge_1RB_Right	23.47	/	/	24.76	/	/	<=30	Pass
		Outer_Full	23.85	/	/	25.14	/	/	<=30	Pass
		Inner_Full	23.82	/	/	25.11	/	/	<=30	Pass
		Inner_1RB_Left	23.99	/	/	25.28	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	25.27	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge_1RB_Left	22.31	/	/	23.60	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	23.71	/	/	<=30	Pass
		Outer_Full	22.53	/	/	23.82	/	/	<=30	Pass
		Inner_Full	22.40	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Left	22.33	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Right	22.39	/	/	23.68	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.32	/	/	23.61	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	23.61	/	/	<=30	Pass
		Outer_Full	22.38	/	/	23.67	/	/	<=30	Pass
		Inner_Full	22.21	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Left	22.36	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Right	22.35	/	/	23.64	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.36	/	/	23.65	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	23.66	/	/	<=30	Pass
		Outer_Full	22.40	/	/	23.69	/	/	<=30	Pass
		Inner_Full	22.30	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Left	22.40	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Right	22.40	/	/	23.69	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge_1RB_Left	23.61	/	/	24.90	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	24.86	/	/	<=30	Pass
		Outer_Full	24.00	/	/	25.29	/	/	<=30	Pass
		Inner_Full	23.98	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Left	24.00	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Right	24.20	/	/	25.49	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.44	/	/	24.73	/	/	<=30	Pass
		Edge_1RB_Right	23.42	/	/	24.71	/	/	<=30	Pass
		Outer_Full	23.75	/	/	25.04	/	/	<=30	Pass
		Inner_Full	23.74	/	/	25.03	/	/	<=30	Pass
		Inner_1RB_Left	23.98	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Right	23.90	/	/	25.19	/	/	<=30	Pass

	3789.99	Edge_1RB_Left	23.41	/	/	24.70	/	/	<=30	Pass
		Edge_1RB_Right	23.51	/	/	24.80	/	/	<=30	Pass
		Outer_Full	23.89	/	/	25.18	/	/	<=30	Pass
		Inner_Full	23.85	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Left	23.98	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Right	24.00	/	/	25.29	/	/	<=30	Pass
CP-OFDM 16 QAM	3710.01	Edge_1RB_Left	23.50	/	/	24.79	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	24.86	/	/	<=30	Pass
		Outer_Full	23.94	/	/	25.23	/	/	<=30	Pass
		Inner_Full	24.04	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Left	24.00	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Right	24.03	/	/	25.32	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.47	/	/	24.76	/	/	<=30	Pass
		Edge_1RB_Right	23.47	/	/	24.76	/	/	<=30	Pass
		Outer_Full	23.76	/	/	25.05	/	/	<=30	Pass
		Inner_Full	23.80	/	/	25.09	/	/	<=30	Pass
		Inner_1RB_Left	23.98	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	25.23	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	23.48	/	/	24.77	/	/	<=30	Pass
		Edge_1RB_Right	23.51	/	/	24.80	/	/	<=30	Pass
		Outer_Full	23.87	/	/	25.16	/	/	<=30	Pass
		Inner_Full	23.94	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Right	24.02	/	/	25.31	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	23.61	/	/	24.90	/	/	<=30	Pass
		Edge_1RB_Right	23.61	/	/	24.90	/	/	<=30	Pass
		Outer_Full	23.43	/	/	24.72	/	/	<=30	Pass
		Inner_Full	23.48	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Left	23.57	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Right	23.58	/	/	24.87	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.52	/	/	24.81	/	/	<=30	Pass
		Edge_1RB_Right	23.51	/	/	24.80	/	/	<=30	Pass
		Outer_Full	23.11	/	/	24.40	/	/	<=30	Pass
		Inner_Full	23.25	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Left	23.50	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	24.78	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	23.58	/	/	24.87	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	24.86	/	/	<=30	Pass
		Outer_Full	23.28	/	/	24.57	/	/	<=30	Pass
		Inner_Full	23.33	/	/	24.62	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	24.80	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge_1RB_Left	20.37	/	/	21.66	/	/	<=30	Pass
		Edge_1RB_Right	20.45	/	/	21.74	/	/	<=30	Pass
		Outer_Full	20.48	/	/	21.77	/	/	<=30	Pass
		Inner_Full	20.39	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Left	20.46	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Right	20.52	/	/	21.81	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.43	/	/	21.72	/	/	<=30	Pass
		Edge_1RB_Right	20.41	/	/	21.70	/	/	<=30	Pass
		Outer_Full	20.23	/	/	21.52	/	/	<=30	Pass
		Inner_Full	20.20	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Left	20.34	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	20.36	/	/	21.65	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	20.47	/	/	21.76	/	/	<=30	Pass
		Edge_1RB_Right	20.58	/	/	21.87	/	/	<=30	Pass
		Outer_Full	20.34	/	/	21.63	/	/	<=30	Pass
		Inner_Full	20.37	/	/	21.66	/	/	<=30	Pass

		Inner_1RB_Left	20.38	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Right	20.43	/	/	21.72	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.29dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.2 30k_SISO_30MHz_NTNV_EIRP

1.2.1 Test Result

5G NR n78(3700-3800MHz) 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	3715.02	Edge_1RB_Left	23.68	/	/	24.97	/	/	<=30	Pass
		Edge_1RB_Right	23.70	/	/	24.99	/	/	<=30	Pass
		Outer_Full	24.17	/	/	25.46	/	/	<=30	Pass
		Inner_Full	24.10	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Left	24.17	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Right	24.18	/	/	25.47	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.59	/	/	24.88	/	/	<=30	Pass
		Edge_1RB_Right	23.54	/	/	24.83	/	/	<=30	Pass
		Outer_Full	23.95	/	/	25.24	/	/	<=30	Pass
		Inner_Full	23.80	/	/	25.09	/	/	<=30	Pass
		Inner_1RB_Left	24.12	/	/	25.41	/	/	<=30	Pass
		Inner_1RB_Right	24.04	/	/	25.33	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	23.74	/	/	25.03	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	24.86	/	/	<=30	Pass
		Outer_Full	24.06	/	/	25.35	/	/	<=30	Pass
		Inner_Full	24.05	/	/	25.34	/	/	<=30	Pass
		Inner_1RB_Left	24.30	/	/	25.59	/	/	<=30	Pass
		Inner_1RB_Right	24.01	/	/	25.30	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	23.54	/	/	24.83	/	/	<=30	Pass
		Edge_1RB_Right	23.66	/	/	24.95	/	/	<=30	Pass
		Outer_Full	24.14	/	/	25.43	/	/	<=30	Pass
		Inner_Full	24.14	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Left	24.04	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Right	24.16	/	/	25.45	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.62	/	/	24.91	/	/	<=30	Pass
		Edge_1RB_Right	23.56	/	/	24.85	/	/	<=30	Pass
		Outer_Full	23.92	/	/	25.21	/	/	<=30	Pass
		Inner_Full	23.83	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Left	24.10	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Right	24.01	/	/	25.30	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	23.79	/	/	25.08	/	/	<=30	Pass
		Edge_1RB_Right	23.59	/	/	24.88	/	/	<=30	Pass
		Outer_Full	24.10	/	/	25.39	/	/	<=30	Pass
		Inner_Full	24.06	/	/	25.35	/	/	<=30	Pass
		Inner_1RB_Left	24.27	/	/	25.56	/	/	<=30	Pass
		Inner_1RB_Right	24.10	/	/	25.39	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge_1RB_Left	23.57	/	/	24.86	/	/	<=30	Pass
		Edge_1RB_Right	23.73	/	/	25.02	/	/	<=30	Pass
		Outer_Full	24.16	/	/	25.45	/	/	<=30	Pass
		Inner_Full	24.10	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Left	24.16	/	/	25.45	/	/	<=30	Pass
		Inner_1RB_Right	24.31	/	/	25.60	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.71	/	/	25.00	/	/	<=30	Pass

		Edge_1RB_Right	23.60	/	/	24.89	/	/	<=30	Pass
		Outer_Full	23.91	/	/	25.20	/	/	<=30	Pass
		Inner_Full	23.91	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Left	24.25	/	/	25.54	/	/	<=30	Pass
		Inner_1RB_Right	24.16	/	/	25.45	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	23.88	/	/	25.17	/	/	<=30	Pass
		Edge_1RB_Right	23.53	/	/	24.82	/	/	<=30	Pass
		Outer_Full	24.09	/	/	25.38	/	/	<=30	Pass
		Inner_Full	23.98	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	25.27	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Edge_1RB_Left	23.62	/	/	24.91	/	/	<=30	Pass
		Edge_1RB_Right	23.77	/	/	25.06	/	/	<=30	Pass
		Outer_Full	24.22	/	/	25.51	/	/	<=30	Pass
		Inner_Full	24.10	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Right	24.15	/	/	25.44	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.68	/	/	24.97	/	/	<=30	Pass
		Edge_1RB_Right	23.63	/	/	24.92	/	/	<=30	Pass
		Outer_Full	23.99	/	/	25.28	/	/	<=30	Pass
		Inner_Full	23.89	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Left	24.04	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Right	24.01	/	/	25.30	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	23.94	/	/	25.23	/	/	<=30	Pass
		Edge_1RB_Right	23.59	/	/	24.88	/	/	<=30	Pass
		Outer_Full	24.09	/	/	25.38	/	/	<=30	Pass
		Inner_Full	24.04	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Left	24.37	/	/	25.66	/	/	<=30	Pass
		Inner_1RB_Right	24.06	/	/	25.35	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Edge_1RB_Left	22.63	/	/	23.92	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	23.93	/	/	<=30	Pass
		Outer_Full	22.59	/	/	23.88	/	/	<=30	Pass
		Inner_Full	22.66	/	/	23.95	/	/	<=30	Pass
		Inner_1RB_Left	22.55	/	/	23.84	/	/	<=30	Pass
		Inner_1RB_Right	22.67	/	/	23.96	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.56	/	/	23.85	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	23.80	/	/	<=30	Pass
		Outer_Full	22.34	/	/	23.63	/	/	<=30	Pass
		Inner_Full	22.36	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Right	22.52	/	/	23.81	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	22.73	/	/	24.02	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	23.77	/	/	<=30	Pass
		Outer_Full	22.52	/	/	23.81	/	/	<=30	Pass
		Inner_Full	22.48	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Left	22.77	/	/	24.06	/	/	<=30	Pass
		Inner_1RB_Right	22.51	/	/	23.80	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Edge_1RB_Left	23.73	/	/	25.02	/	/	<=30	Pass
		Edge_1RB_Right	23.72	/	/	25.01	/	/	<=30	Pass
		Outer_Full	24.15	/	/	25.44	/	/	<=30	Pass
		Inner_Full	24.14	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Left	24.13	/	/	25.42	/	/	<=30	Pass
		Inner_1RB_Right	24.25	/	/	25.54	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.64	/	/	24.93	/	/	<=30	Pass
		Edge_1RB_Right	23.61	/	/	24.90	/	/	<=30	Pass
		Outer_Full	23.93	/	/	25.22	/	/	<=30	Pass
		Inner_Full	23.91	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Left	24.16	/	/	25.45	/	/	<=30	Pass

		Inner_1RB_Right	24.10	/	/	25.39	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	23.83	/	/	25.12	/	/	<=30	Pass
		Edge_1RB_Right	23.62	/	/	24.91	/	/	<=30	Pass
		Outer_Full	24.10	/	/	25.39	/	/	<=30	Pass
		Inner_Full	24.02	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Left	24.36	/	/	25.65	/	/	<=30	Pass
		Inner_1RB_Right	24.14	/	/	25.43	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge_1RB_Left	23.66	/	/	24.95	/	/	<=30	Pass
		Edge_1RB_Right	23.80	/	/	25.09	/	/	<=30	Pass
		Outer_Full	24.16	/	/	25.45	/	/	<=30	Pass
		Inner_Full	24.15	/	/	25.44	/	/	<=30	Pass
		Inner_1RB_Left	24.11	/	/	25.40	/	/	<=30	Pass
		Inner_1RB_Right	24.25	/	/	25.54	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.62	/	/	24.91	/	/	<=30	Pass
		Edge_1RB_Right	23.46	/	/	24.75	/	/	<=30	Pass
		Outer_Full	23.93	/	/	25.22	/	/	<=30	Pass
		Inner_Full	23.90	/	/	25.19	/	/	<=30	Pass
		Inner_1RB_Left	24.18	/	/	25.47	/	/	<=30	Pass
		Inner_1RB_Right	24.12	/	/	25.41	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	23.79	/	/	25.08	/	/	<=30	Pass
		Edge_1RB_Right	23.59	/	/	24.88	/	/	<=30	Pass
		Outer_Full	24.13	/	/	25.42	/	/	<=30	Pass
		Inner_Full	24.08	/	/	25.37	/	/	<=30	Pass
		Inner_1RB_Left	24.31	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Right	24.01	/	/	25.30	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.02	Edge_1RB_Left	23.87	/	/	25.16	/	/	<=30	Pass
		Edge_1RB_Right	23.86	/	/	25.15	/	/	<=30	Pass
		Outer_Full	23.62	/	/	24.91	/	/	<=30	Pass
		Inner_Full	23.65	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	25.18	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.85	/	/	25.14	/	/	<=30	Pass
		Edge_1RB_Right	23.69	/	/	24.98	/	/	<=30	Pass
		Outer_Full	23.42	/	/	24.71	/	/	<=30	Pass
		Inner_Full	23.34	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	25.00	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	24.02	/	/	25.31	/	/	<=30	Pass
		Edge_1RB_Right	23.76	/	/	25.05	/	/	<=30	Pass
		Outer_Full	23.65	/	/	24.94	/	/	<=30	Pass
		Inner_Full	23.56	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Right	23.79	/	/	25.08	/	/	<=30	Pass
CP-OFDM 256 QAM	3715.02	Edge_1RB_Left	20.61	/	/	21.90	/	/	<=30	Pass
		Edge_1RB_Right	20.63	/	/	21.92	/	/	<=30	Pass
		Outer_Full	20.69	/	/	21.98	/	/	<=30	Pass
		Inner_Full	20.66	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Left	20.62	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Right	20.67	/	/	21.96	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.56	/	/	21.85	/	/	<=30	Pass
		Edge_1RB_Right	20.47	/	/	21.76	/	/	<=30	Pass
		Outer_Full	20.40	/	/	21.69	/	/	<=30	Pass
		Inner_Full	20.33	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Left	20.58	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Right	20.49	/	/	21.78	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	20.92	/	/	22.21	/	/	<=30	Pass
		Edge_1RB_Right	20.55	/	/	21.84	/	/	<=30	Pass
		Outer_Full	20.61	/	/	21.90	/	/	<=30	Pass

		Inner_Full	20.48	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	20.74	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Right	20.56	/	/	21.85	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.29dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.3 30k_SISO_40MHz_NTNV_EIRP

1.3.1 Test Result

5G NR n78(3700-3800MHz) 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	3720	Edge_1RB_Left	23.64	/	/	24.93	/	/	<=30	Pass
		Edge_1RB_Right	23.59	/	/	24.88	/	/	<=30	Pass
		Outer_Full	24.13	/	/	25.42	/	/	<=30	Pass
		Inner_Full	24.10	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Left	24.14	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Right	24.07	/	/	25.36	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.71	/	/	25.00	/	/	<=30	Pass
		Edge_1RB_Right	23.65	/	/	24.94	/	/	<=30	Pass
		Outer_Full	23.99	/	/	25.28	/	/	<=30	Pass
		Inner_Full	23.86	/	/	25.15	/	/	<=30	Pass
		Inner_1RB_Left	24.21	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Right	24.12	/	/	25.41	/	/	<=30	Pass
	3780	Edge_1RB_Left	23.69	/	/	24.98	/	/	<=30	Pass
		Edge_1RB_Right	23.68	/	/	24.97	/	/	<=30	Pass
		Outer_Full	24.03	/	/	25.32	/	/	<=30	Pass
		Inner_Full	23.94	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Left	24.05	/	/	25.34	/	/	<=30	Pass
		Inner_1RB_Right	24.13	/	/	25.42	/	/	<=30	Pass
DFT-s-OFDM QPSK	3720	Edge_1RB_Left	23.67	/	/	24.96	/	/	<=30	Pass
		Edge_1RB_Right	23.55	/	/	24.84	/	/	<=30	Pass
		Outer_Full	24.16	/	/	25.45	/	/	<=30	Pass
		Inner_Full	24.09	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Left	24.17	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Right	24.03	/	/	25.32	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.67	/	/	24.96	/	/	<=30	Pass
		Edge_1RB_Right	23.63	/	/	24.92	/	/	<=30	Pass
		Outer_Full	24.03	/	/	25.32	/	/	<=30	Pass
		Inner_Full	23.90	/	/	25.19	/	/	<=30	Pass
		Inner_1RB_Left	24.14	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Right	24.12	/	/	25.41	/	/	<=30	Pass
	3780	Edge_1RB_Left	23.65	/	/	24.94	/	/	<=30	Pass
		Edge_1RB_Right	23.63	/	/	24.92	/	/	<=30	Pass
		Outer_Full	24.01	/	/	25.30	/	/	<=30	Pass
		Inner_Full	23.98	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Left	24.03	/	/	25.32	/	/	<=30	Pass
		Inner_1RB_Right	24.08	/	/	25.37	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Edge_1RB_Left	23.81	/	/	25.10	/	/	<=30	Pass
		Edge_1RB_Right	23.68	/	/	24.97	/	/	<=30	Pass
		Outer_Full	24.16	/	/	25.45	/	/	<=30	Pass
		Inner_Full	24.11	/	/	25.40	/	/	<=30	Pass
		Inner_1RB_Left	24.37	/	/	25.66	/	/	<=30	Pass
		Inner_1RB_Right	24.26	/	/	25.55	/	/	<=30	Pass

	3750	Edge_1RB_Left	23.71	/	/	25.00	/	/	<=30	Pass
		Edge_1RB_Right	23.70	/	/	24.99	/	/	<=30	Pass
		Outer_Full	23.98	/	/	25.27	/	/	<=30	Pass
		Inner_Full	23.84	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Left	24.21	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Right	24.17	/	/	25.46	/	/	<=30	Pass
	3780	Edge_1RB_Left	23.61	/	/	24.90	/	/	<=30	Pass
		Edge_1RB_Right	23.74	/	/	25.03	/	/	<=30	Pass
		Outer_Full	24.05	/	/	25.34	/	/	<=30	Pass
		Inner_Full	24.00	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Left	24.12	/	/	25.41	/	/	<=30	Pass
		Inner_1RB_Right	24.20	/	/	25.49	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Edge_1RB_Left	23.74	/	/	25.03	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	24.86	/	/	<=30	Pass
		Outer_Full	24.17	/	/	25.46	/	/	<=30	Pass
		Inner_Full	24.11	/	/	25.40	/	/	<=30	Pass
		Inner_1RB_Left	24.31	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Right	24.23	/	/	25.52	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.65	/	/	24.94	/	/	<=30	Pass
		Edge_1RB_Right	23.70	/	/	24.99	/	/	<=30	Pass
		Outer_Full	24.02	/	/	25.31	/	/	<=30	Pass
		Inner_Full	23.88	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	24.20	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Right	24.15	/	/	25.44	/	/	<=30	Pass
	3780	Edge_1RB_Left	23.65	/	/	24.94	/	/	<=30	Pass
		Edge_1RB_Right	23.74	/	/	25.03	/	/	<=30	Pass
		Outer_Full	24.06	/	/	25.35	/	/	<=30	Pass
		Inner_Full	23.98	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Left	24.07	/	/	25.36	/	/	<=30	Pass
		Inner_1RB_Right	24.15	/	/	25.44	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Edge_1RB_Left	22.70	/	/	23.99	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	23.85	/	/	<=30	Pass
		Outer_Full	22.65	/	/	23.94	/	/	<=30	Pass
		Inner_Full	22.62	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Left	22.62	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Right	22.50	/	/	23.79	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.65	/	/	23.94	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	23.92	/	/	<=30	Pass
		Outer_Full	22.44	/	/	23.73	/	/	<=30	Pass
		Inner_Full	22.43	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	23.88	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.50	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	23.94	/	/	<=30	Pass
		Outer_Full	22.57	/	/	23.86	/	/	<=30	Pass
		Inner_Full	22.53	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	23.90	/	/	<=30	Pass
		Inner_1RB_Right	22.61	/	/	23.90	/	/	<=30	Pass
CP-OFDM QPSK	3720	Edge_1RB_Left	23.72	/	/	25.01	/	/	<=30	Pass
		Edge_1RB_Right	23.53	/	/	24.82	/	/	<=30	Pass
		Outer_Full	24.17	/	/	25.46	/	/	<=30	Pass
		Inner_Full	24.12	/	/	25.41	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Right	24.05	/	/	25.34	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.68	/	/	24.97	/	/	<=30	Pass
		Edge_1RB_Right	23.73	/	/	25.02	/	/	<=30	Pass
		Outer_Full	24.02	/	/	25.31	/	/	<=30	Pass
		Inner_Full	23.87	/	/	25.16	/	/	<=30	Pass

		Inner_1RB_Left	24.22	/	/	25.51	/	/	<=30	Pass
		Inner_1RB_Right	24.23	/	/	25.52	/	/	<=30	Pass
	3780	Edge_1RB_Left	23.74	/	/	25.03	/	/	<=30	Pass
		Edge_1RB_Right	23.74	/	/	25.03	/	/	<=30	Pass
		Outer_Full	24.07	/	/	25.36	/	/	<=30	Pass
		Inner_Full	23.96	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Left	24.10	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Right	24.16	/	/	25.45	/	/	<=30	Pass
CP-OFDM 16 QAM	3720	Edge_1RB_Left	23.71	/	/	25.00	/	/	<=30	Pass
		Edge_1RB_Right	23.52	/	/	24.81	/	/	<=30	Pass
		Outer_Full	24.14	/	/	25.43	/	/	<=30	Pass
		Inner_Full	24.09	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Left	24.21	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Right	24.08	/	/	25.37	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.69	/	/	24.98	/	/	<=30	Pass
		Edge_1RB_Right	23.65	/	/	24.94	/	/	<=30	Pass
		Outer_Full	23.99	/	/	25.28	/	/	<=30	Pass
		Inner_Full	23.88	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	24.20	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Right	24.19	/	/	25.48	/	/	<=30	Pass
	3780	Edge_1RB_Left	23.73	/	/	25.02	/	/	<=30	Pass
		Edge_1RB_Right	23.80	/	/	25.09	/	/	<=30	Pass
		Outer_Full	24.04	/	/	25.33	/	/	<=30	Pass
		Inner_Full	24.00	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Left	24.25	/	/	25.54	/	/	<=30	Pass
		Inner_1RB_Right	24.24	/	/	25.53	/	/	<=30	Pass
CP-OFDM 64 QAM	3720	Edge_1RB_Left	23.77	/	/	25.06	/	/	<=30	Pass
		Edge_1RB_Right	23.64	/	/	24.93	/	/	<=30	Pass
		Outer_Full	23.62	/	/	24.91	/	/	<=30	Pass
		Inner_Full	23.62	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	24.93	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.78	/	/	25.07	/	/	<=30	Pass
		Edge_1RB_Right	23.75	/	/	25.04	/	/	<=30	Pass
		Outer_Full	23.46	/	/	24.75	/	/	<=30	Pass
		Inner_Full	23.40	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	25.06	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	24.93	/	/	<=30	Pass
	3780	Edge_1RB_Left	23.79	/	/	25.08	/	/	<=30	Pass
		Edge_1RB_Right	23.89	/	/	25.18	/	/	<=30	Pass
		Outer_Full	23.53	/	/	24.82	/	/	<=30	Pass
		Inner_Full	23.51	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Left	23.78	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	25.17	/	/	<=30	Pass
CP-OFDM 256 QAM	3720	Edge_1RB_Left	20.73	/	/	22.02	/	/	<=30	Pass
		Edge_1RB_Right	20.59	/	/	21.88	/	/	<=30	Pass
		Outer_Full	20.68	/	/	21.97	/	/	<=30	Pass
		Inner_Full	20.64	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Left	20.72	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Right	20.54	/	/	21.83	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.78	/	/	22.07	/	/	<=30	Pass
		Edge_1RB_Right	20.66	/	/	21.95	/	/	<=30	Pass
		Outer_Full	20.51	/	/	21.80	/	/	<=30	Pass
		Inner_Full	20.38	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Left	20.72	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Right	20.68	/	/	21.97	/	/	<=30	Pass
	3780	Edge_1RB_Left	20.71	/	/	22.00	/	/	<=30	Pass
		Edge_1RB_Right	20.72	/	/	22.01	/	/	<=30	Pass

		Outer_Full	20.49	/	/	21.78	/	/	<=30	Pass
		Inner_Full	20.48	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	20.62	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Right	20.64	/	/	21.93	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.29dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.4 30k_SISO_50MHz_NTNV_EIRP

1.4.1 Test Result

5G NR n78(3700-3800MHz) 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	3725.01	Edge_1RB_Left	23.28	/	/	24.57	/	/	<=30	Pass
		Edge_1RB_Right	23.13	/	/	24.42	/	/	<=30	Pass
		Outer_Full	23.72	/	/	25.01	/	/	<=30	Pass
		Inner_Full	23.82	/	/	25.11	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	24.92	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.41	/	/	24.70	/	/	<=30	Pass
		Edge_1RB_Right	23.28	/	/	24.57	/	/	<=30	Pass
		Outer_Full	23.81	/	/	25.10	/	/	<=30	Pass
		Inner_Full	23.68	/	/	24.97	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	25.02	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	23.32	/	/	24.61	/	/	<=30	Pass
		Edge_1RB_Right	23.19	/	/	24.48	/	/	<=30	Pass
		Outer_Full	23.81	/	/	25.10	/	/	<=30	Pass
		Inner_Full	23.84	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	23.66	/	/	24.95	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge_1RB_Left	23.26	/	/	24.55	/	/	<=30	Pass
		Edge_1RB_Right	23.17	/	/	24.46	/	/	<=30	Pass
		Outer_Full	23.72	/	/	25.01	/	/	<=30	Pass
		Inner_Full	23.80	/	/	25.09	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	24.88	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.48	/	/	24.77	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	24.58	/	/	<=30	Pass
		Outer_Full	23.74	/	/	25.03	/	/	<=30	Pass
		Inner_Full	23.69	/	/	24.98	/	/	<=30	Pass
		Inner_1RB_Left	23.96	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	25.05	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	23.29	/	/	24.58	/	/	<=30	Pass
		Edge_1RB_Right	23.18	/	/	24.47	/	/	<=30	Pass
		Outer_Full	23.85	/	/	25.14	/	/	<=30	Pass
		Inner_Full	23.87	/	/	25.16	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	25.00	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge_1RB_Left	23.36	/	/	24.65	/	/	<=30	Pass
		Edge_1RB_Right	23.15	/	/	24.44	/	/	<=30	Pass
		Outer_Full	23.70	/	/	24.99	/	/	<=30	Pass
		Inner_Full	23.77	/	/	25.06	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	25.10	/	/	<=30	Pass

		Inner_1RB_Right	23.60	/	/	24.89	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.47	/	/	24.76	/	/	<=30	Pass
		Edge_1RB_Right	23.32	/	/	24.61	/	/	<=30	Pass
		Outer_Full	23.77	/	/	25.06	/	/	<=30	Pass
		Inner_Full	23.61	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Left	23.96	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	25.05	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	23.48	/	/	24.77	/	/	<=30	Pass
		Edge_1RB_Right	23.31	/	/	24.60	/	/	<=30	Pass
		Outer_Full	23.92	/	/	25.21	/	/	<=30	Pass
		Inner_Full	23.85	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Left	23.85	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Right	23.81	/	/	25.10	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Edge_1RB_Left	23.29	/	/	24.58	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	24.27	/	/	<=30	Pass
		Outer_Full	23.70	/	/	24.99	/	/	<=30	Pass
		Inner_Full	23.86	/	/	25.15	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	25.00	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.40	/	/	24.69	/	/	<=30	Pass
		Edge_1RB_Right	23.24	/	/	24.53	/	/	<=30	Pass
		Outer_Full	23.67	/	/	24.96	/	/	<=30	Pass
		Inner_Full	23.70	/	/	24.99	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Right	23.85	/	/	25.14	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	23.39	/	/	24.68	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	24.58	/	/	<=30	Pass
		Outer_Full	23.74	/	/	25.03	/	/	<=30	Pass
		Inner_Full	23.89	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	25.06	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge_1RB_Left	22.32	/	/	23.61	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	23.29	/	/	<=30	Pass
		Outer_Full	22.21	/	/	23.50	/	/	<=30	Pass
		Inner_Full	22.24	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Left	22.26	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	22.02	/	/	23.31	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.41	/	/	23.70	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	23.51	/	/	<=30	Pass
		Outer_Full	22.23	/	/	23.52	/	/	<=30	Pass
		Inner_Full	22.15	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Left	22.34	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Right	22.21	/	/	23.50	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.18	/	/	23.47	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	23.39	/	/	<=30	Pass
		Outer_Full	22.30	/	/	23.59	/	/	<=30	Pass
		Inner_Full	22.34	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	22.23	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	22.12	/	/	23.41	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge_1RB_Left	23.31	/	/	24.60	/	/	<=30	Pass
		Edge_1RB_Right	23.17	/	/	24.46	/	/	<=30	Pass
		Outer_Full	23.70	/	/	24.99	/	/	<=30	Pass
		Inner_Full	23.80	/	/	25.09	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Right	23.66	/	/	24.95	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.52	/	/	24.81	/	/	<=30	Pass
		Edge_1RB_Right	23.37	/	/	24.66	/	/	<=30	Pass
		Outer_Full	23.77	/	/	25.06	/	/	<=30	Pass

		Inner_Full	23.71	/	/	25.00	/	/	<=30	Pass
		Inner_1RB_Left	24.06	/	/	25.35	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	25.18	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	23.37	/	/	24.66	/	/	<=30	Pass
		Edge_1RB_Right	23.21	/	/	24.50	/	/	<=30	Pass
		Outer_Full	23.75	/	/	25.04	/	/	<=30	Pass
		Inner_Full	23.80	/	/	25.09	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	23.69	/	/	24.98	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Edge_1RB_Left	23.42	/	/	24.71	/	/	<=30	Pass
		Edge_1RB_Right	23.21	/	/	24.50	/	/	<=30	Pass
		Outer_Full	23.78	/	/	25.07	/	/	<=30	Pass
		Inner_Full	23.78	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Left	23.91	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	25.04	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.59	/	/	24.88	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	24.58	/	/	<=30	Pass
		Outer_Full	23.68	/	/	24.97	/	/	<=30	Pass
		Inner_Full	23.60	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Left	24.09	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Right	23.90	/	/	25.19	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	23.34	/	/	24.63	/	/	<=30	Pass
		Edge_1RB_Right	23.18	/	/	24.47	/	/	<=30	Pass
		Outer_Full	23.81	/	/	25.10	/	/	<=30	Pass
		Inner_Full	23.87	/	/	25.16	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	23.69	/	/	24.98	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Edge_1RB_Left	23.56	/	/	24.85	/	/	<=30	Pass
		Edge_1RB_Right	23.33	/	/	24.62	/	/	<=30	Pass
		Outer_Full	23.29	/	/	24.58	/	/	<=30	Pass
		Inner_Full	23.27	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	24.64	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.66	/	/	24.95	/	/	<=30	Pass
		Edge_1RB_Right	23.42	/	/	24.71	/	/	<=30	Pass
		Outer_Full	23.24	/	/	24.53	/	/	<=30	Pass
		Inner_Full	23.17	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	24.72	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	23.34	/	/	24.63	/	/	<=30	Pass
		Edge_1RB_Right	23.21	/	/	24.50	/	/	<=30	Pass
		Outer_Full	23.32	/	/	24.61	/	/	<=30	Pass
		Inner_Full	23.38	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	24.62	/	/	<=30	Pass
		Inner_1RB_Right	23.29	/	/	24.58	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Edge_1RB_Left	20.34	/	/	21.63	/	/	<=30	Pass
		Edge_1RB_Right	20.24	/	/	21.53	/	/	<=30	Pass
		Outer_Full	20.19	/	/	21.48	/	/	<=30	Pass
		Inner_Full	20.29	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Left	20.33	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Right	20.17	/	/	21.46	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.51	/	/	21.80	/	/	<=30	Pass
		Edge_1RB_Right	20.32	/	/	21.61	/	/	<=30	Pass
		Outer_Full	20.25	/	/	21.54	/	/	<=30	Pass
		Inner_Full	20.21	/	/	21.50	/	/	<=30	Pass
		Inner_1RB_Left	20.43	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Right	20.27	/	/	21.56	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	20.34	/	/	21.63	/	/	<=30	Pass

		Edge_1RB_Right	20.26	/	/	21.55	/	/	<=30	Pass
		Outer_Full	20.21	/	/	21.50	/	/	<=30	Pass
		Inner_Full	20.31	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Left	20.34	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	20.22	/	/	21.51	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.29dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.5 30k_SISO_60MHz_NTNV_EIRP

1.5.1 Test Result

5G NR n78(3700-3800MHz) 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	3730.02	Edge_1RB_Left	22.99	/	/	24.28	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	24.12	/	/	<=30	Pass
		Outer_Full	23.39	/	/	24.68	/	/	<=30	Pass
		Inner_Full	23.45	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	23.43	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Right	23.27	/	/	24.56	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.01	/	/	24.30	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	24.23	/	/	<=30	Pass
		Outer_Full	23.47	/	/	24.76	/	/	<=30	Pass
		Inner_Full	23.39	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	24.74	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.82	/	/	24.11	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	24.27	/	/	<=30	Pass
		Outer_Full	23.42	/	/	24.71	/	/	<=30	Pass
		Inner_Full	23.40	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	24.73	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Edge_1RB_Left	22.98	/	/	24.27	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	24.16	/	/	<=30	Pass
		Outer_Full	23.41	/	/	24.70	/	/	<=30	Pass
		Inner_Full	23.44	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	24.61	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.12	/	/	24.41	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	24.27	/	/	<=30	Pass
		Outer_Full	23.48	/	/	24.77	/	/	<=30	Pass
		Inner_Full	23.38	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	24.74	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.82	/	/	24.11	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	24.22	/	/	<=30	Pass
		Outer_Full	23.35	/	/	24.64	/	/	<=30	Pass
		Inner_Full	23.42	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	24.71	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge_1RB_Left	23.10	/	/	24.39	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	24.33	/	/	<=30	Pass
		Outer_Full	23.51	/	/	24.80	/	/	<=30	Pass
		Inner_Full	23.48	/	/	24.77	/	/	<=30	Pass

		Inner_1RB_Left	23.60	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	24.81	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.30	/	/	24.59	/	/	<=30	Pass
		Edge_1RB_Right	23.16	/	/	24.45	/	/	<=30	Pass
		Outer_Full	23.47	/	/	24.76	/	/	<=30	Pass
		Inner_Full	23.35	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	24.86	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.99	/	/	24.28	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	24.36	/	/	<=30	Pass
		Outer_Full	23.38	/	/	24.67	/	/	<=30	Pass
		Inner_Full	23.45	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	24.86	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Edge_1RB_Left	23.09	/	/	24.38	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	24.26	/	/	<=30	Pass
		Outer_Full	23.52	/	/	24.81	/	/	<=30	Pass
		Inner_Full	23.49	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Left	23.50	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	24.67	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.08	/	/	24.37	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	24.27	/	/	<=30	Pass
		Outer_Full	23.36	/	/	24.65	/	/	<=30	Pass
		Inner_Full	23.35	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Left	23.68	/	/	24.97	/	/	<=30	Pass
		Inner_1RB_Right	23.62	/	/	24.91	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.90	/	/	24.19	/	/	<=30	Pass
		Edge_1RB_Right	23.03	/	/	24.32	/	/	<=30	Pass
		Outer_Full	23.41	/	/	24.70	/	/	<=30	Pass
		Inner_Full	23.41	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Left	23.36	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	24.73	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Edge_1RB_Left	21.94	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Right	21.81	/	/	23.10	/	/	<=30	Pass
		Outer_Full	21.99	/	/	23.28	/	/	<=30	Pass
		Inner_Full	22.02	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Left	21.97	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Right	21.82	/	/	23.11	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.98	/	/	23.27	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	23.16	/	/	<=30	Pass
		Outer_Full	21.97	/	/	23.26	/	/	<=30	Pass
		Inner_Full	21.90	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	22.07	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Right	21.95	/	/	23.24	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	21.84	/	/	23.13	/	/	<=30	Pass
		Edge_1RB_Right	21.89	/	/	23.18	/	/	<=30	Pass
		Outer_Full	21.95	/	/	23.24	/	/	<=30	Pass
		Inner_Full	21.96	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Right	21.90	/	/	23.19	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Edge_1RB_Left	22.97	/	/	24.26	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	24.13	/	/	<=30	Pass
		Outer_Full	23.42	/	/	24.71	/	/	<=30	Pass
		Inner_Full	23.47	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	24.62	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.11	/	/	24.40	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	24.31	/	/	<=30	Pass

		Outer_Full	23.53	/	/	24.82	/	/	<=30	Pass
		Inner_Full	23.37	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	23.49	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	24.80	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.81	/	/	24.10	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	24.28	/	/	<=30	Pass
		Outer_Full	23.35	/	/	24.64	/	/	<=30	Pass
		Inner_Full	23.42	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	24.75	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge_1RB_Left	22.98	/	/	24.27	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	24.14	/	/	<=30	Pass
		Outer_Full	23.44	/	/	24.73	/	/	<=30	Pass
		Inner_Full	23.48	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Left	23.58	/	/	24.87	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	24.71	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.09	/	/	24.38	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	24.25	/	/	<=30	Pass
		Outer_Full	23.49	/	/	24.78	/	/	<=30	Pass
		Inner_Full	23.39	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Left	23.68	/	/	24.97	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	24.80	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.91	/	/	24.20	/	/	<=30	Pass
		Edge_1RB_Right	23.03	/	/	24.32	/	/	<=30	Pass
		Outer_Full	23.42	/	/	24.71	/	/	<=30	Pass
		Inner_Full	23.49	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Left	23.42	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	24.73	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Edge_1RB_Left	23.19	/	/	24.48	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	24.31	/	/	<=30	Pass
		Outer_Full	22.89	/	/	24.18	/	/	<=30	Pass
		Inner_Full	23.03	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Right	23.01	/	/	24.30	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.25	/	/	24.54	/	/	<=30	Pass
		Edge_1RB_Right	23.16	/	/	24.45	/	/	<=30	Pass
		Outer_Full	22.86	/	/	24.15	/	/	<=30	Pass
		Inner_Full	22.96	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Left	23.23	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Right	23.16	/	/	24.45	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	23.02	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Right	23.08	/	/	24.37	/	/	<=30	Pass
		Outer_Full	22.85	/	/	24.14	/	/	<=30	Pass
		Inner_Full	22.89	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Left	22.99	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Right	23.06	/	/	24.35	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Edge_1RB_Left	20.03	/	/	21.32	/	/	<=30	Pass
		Edge_1RB_Right	19.93	/	/	21.22	/	/	<=30	Pass
		Outer_Full	19.93	/	/	21.22	/	/	<=30	Pass
		Inner_Full	19.96	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Left	19.91	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Right	19.83	/	/	21.12	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.00	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	19.94	/	/	21.23	/	/	<=30	Pass
		Outer_Full	19.99	/	/	21.28	/	/	<=30	Pass
		Inner_Full	19.93	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Left	20.12	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Right	20.02	/	/	21.31	/	/	<=30	Pass

	3769.98	Edge_1RB_Left	19.94	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	20.04	/	/	21.33	/	/	<=30	Pass
		Outer_Full	19.83	/	/	21.12	/	/	<=30	Pass
		Inner_Full	19.90	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Left	19.79	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Right	19.90	/	/	21.19	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.29dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.6 30k_SISO_70MHz_NTNV_EIRP

1.6.1 Test Result

5G NR n78(3700-3800MHz) 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	3735	Edge_1RB_Left	22.81	/	/	24.10	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	24.30	/	/	<=30	Pass
		Outer_Full	23.29	/	/	24.58	/	/	<=30	Pass
		Inner_Full	23.29	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Left	23.26	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	24.84	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.00	/	/	24.29	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	24.12	/	/	<=30	Pass
		Outer_Full	23.37	/	/	24.66	/	/	<=30	Pass
		Inner_Full	23.27	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	24.64	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.81	/	/	24.10	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	24.34	/	/	<=30	Pass
		Outer_Full	23.30	/	/	24.59	/	/	<=30	Pass
		Inner_Full	23.28	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Left	23.37	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	24.86	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Edge_1RB_Left	22.79	/	/	24.08	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	24.30	/	/	<=30	Pass
		Outer_Full	23.30	/	/	24.59	/	/	<=30	Pass
		Inner_Full	23.31	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Left	23.21	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Right	23.50	/	/	24.79	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.93	/	/	24.22	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	24.15	/	/	<=30	Pass
		Outer_Full	23.45	/	/	24.74	/	/	<=30	Pass
		Inner_Full	23.30	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	24.64	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.87	/	/	24.16	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	24.33	/	/	<=30	Pass
		Outer_Full	23.27	/	/	24.56	/	/	<=30	Pass
		Inner_Full	23.32	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	24.83	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge_1RB_Left	22.74	/	/	24.03	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	24.36	/	/	<=30	Pass
		Outer_Full	23.37	/	/	24.66	/	/	<=30	Pass

		Inner_Full	23.27	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	23.35	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Right	23.65	/	/	24.94	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.94	/	/	24.23	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	24.18	/	/	<=30	Pass
		Outer_Full	23.43	/	/	24.72	/	/	<=30	Pass
		Inner_Full	23.27	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	24.77	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.97	/	/	24.26	/	/	<=30	Pass
		Edge_1RB_Right	23.24	/	/	24.53	/	/	<=30	Pass
		Outer_Full	23.36	/	/	24.65	/	/	<=30	Pass
		Inner_Full	23.23	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Left	23.34	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	24.99	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge_1RB_Left	22.84	/	/	24.13	/	/	<=30	Pass
		Edge_1RB_Right	23.13	/	/	24.42	/	/	<=30	Pass
		Outer_Full	23.32	/	/	24.61	/	/	<=30	Pass
		Inner_Full	23.29	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	24.77	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.99	/	/	24.28	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	24.23	/	/	<=30	Pass
		Outer_Full	23.38	/	/	24.67	/	/	<=30	Pass
		Inner_Full	23.29	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	24.61	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.82	/	/	24.11	/	/	<=30	Pass
		Edge_1RB_Right	23.12	/	/	24.41	/	/	<=30	Pass
		Outer_Full	23.37	/	/	24.66	/	/	<=30	Pass
		Inner_Full	23.28	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	24.83	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Edge_1RB_Left	21.77	/	/	23.06	/	/	<=30	Pass
		Edge_1RB_Right	21.95	/	/	23.24	/	/	<=30	Pass
		Outer_Full	21.86	/	/	23.15	/	/	<=30	Pass
		Inner_Full	21.91	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	22.01	/	/	23.30	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.91	/	/	23.20	/	/	<=30	Pass
		Edge_1RB_Right	21.79	/	/	23.08	/	/	<=30	Pass
		Outer_Full	21.92	/	/	23.21	/	/	<=30	Pass
		Inner_Full	21.81	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Left	21.93	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Right	21.90	/	/	23.19	/	/	<=30	Pass
	3765	Edge_1RB_Left	21.76	/	/	23.05	/	/	<=30	Pass
		Edge_1RB_Right	22.07	/	/	23.36	/	/	<=30	Pass
		Outer_Full	21.81	/	/	23.10	/	/	<=30	Pass
		Inner_Full	21.77	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Left	21.76	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	22.04	/	/	23.33	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge_1RB_Left	22.88	/	/	24.17	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	24.31	/	/	<=30	Pass
		Outer_Full	23.35	/	/	24.64	/	/	<=30	Pass
		Inner_Full	23.39	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Left	23.36	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	24.88	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.91	/	/	24.20	/	/	<=30	Pass

		Edge_1RB_Right	22.84	/	/	24.13	/	/	<=30	Pass
		Outer_Full	23.43	/	/	24.72	/	/	<=30	Pass
		Inner_Full	23.32	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Left	23.50	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	24.70	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.86	/	/	24.15	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	24.33	/	/	<=30	Pass
		Outer_Full	23.28	/	/	24.57	/	/	<=30	Pass
		Inner_Full	23.32	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Right	23.58	/	/	24.87	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge_1RB_Left	22.82	/	/	24.11	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	24.25	/	/	<=30	Pass
		Outer_Full	23.54	/	/	24.83	/	/	<=30	Pass
		Inner_Full	23.32	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Left	23.42	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	24.86	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.05	/	/	24.34	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	24.23	/	/	<=30	Pass
		Outer_Full	23.41	/	/	24.70	/	/	<=30	Pass
		Inner_Full	23.34	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	24.75	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.93	/	/	24.22	/	/	<=30	Pass
		Edge_1RB_Right	23.09	/	/	24.38	/	/	<=30	Pass
		Outer_Full	23.27	/	/	24.56	/	/	<=30	Pass
		Inner_Full	23.27	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	24.84	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge_1RB_Left	22.81	/	/	24.10	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	24.26	/	/	<=30	Pass
		Outer_Full	22.90	/	/	24.19	/	/	<=30	Pass
		Inner_Full	22.78	/	/	24.07	/	/	<=30	Pass
		Inner_1RB_Left	22.89	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Right	22.97	/	/	24.26	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.18	/	/	24.47	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	24.33	/	/	<=30	Pass
		Outer_Full	22.94	/	/	24.23	/	/	<=30	Pass
		Inner_Full	22.84	/	/	24.13	/	/	<=30	Pass
		Inner_1RB_Left	23.09	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Right	23.05	/	/	24.34	/	/	<=30	Pass
	3765	Edge_1RB_Left	23.06	/	/	24.35	/	/	<=30	Pass
		Edge_1RB_Right	23.22	/	/	24.51	/	/	<=30	Pass
		Outer_Full	22.85	/	/	24.14	/	/	<=30	Pass
		Inner_Full	22.80	/	/	24.09	/	/	<=30	Pass
		Inner_1RB_Left	22.97	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Right	23.22	/	/	24.51	/	/	<=30	Pass
CP-OFDM 256 QAM	3735	Edge_1RB_Left	19.84	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	20.05	/	/	21.34	/	/	<=30	Pass
		Outer_Full	19.79	/	/	21.08	/	/	<=30	Pass
		Inner_Full	19.79	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Left	19.82	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Right	19.98	/	/	21.27	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.99	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	21.18	/	/	<=30	Pass
		Outer_Full	19.97	/	/	21.26	/	/	<=30	Pass
		Inner_Full	19.86	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Left	19.96	/	/	21.25	/	/	<=30	Pass

		Inner_1RB_Right	19.90	/	/	21.19	/	/	<=30	Pass
	3765	Edge_1RB_Left	19.85	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	20.15	/	/	21.44	/	/	<=30	Pass
		Outer_Full	19.85	/	/	21.14	/	/	<=30	Pass
		Inner_Full	19.78	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	19.84	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Right	20.03	/	/	21.32	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.29dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.7 30k_SISO_80MHz_NTNV_EIRP

1.7.1 Test Result

5G NR n78(3700-3800MHz) 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	3740.01	Edge_1RB_Left	22.93	/	/	24.22	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	24.18	/	/	<=30	Pass
		Outer_Full	23.44	/	/	24.73	/	/	<=30	Pass
		Inner_Full	23.39	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Right	23.40	/	/	24.69	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.04	/	/	24.33	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	24.17	/	/	<=30	Pass
		Outer_Full	23.42	/	/	24.71	/	/	<=30	Pass
		Inner_Full	23.33	/	/	24.62	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	24.66	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	23.02	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	24.26	/	/	<=30	Pass
		Outer_Full	23.44	/	/	24.73	/	/	<=30	Pass
		Inner_Full	23.45	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	24.75	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge_1RB_Left	23.02	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	24.16	/	/	<=30	Pass
		Outer_Full	23.43	/	/	24.72	/	/	<=30	Pass
		Inner_Full	23.43	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Right	23.40	/	/	24.69	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.03	/	/	24.32	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	24.16	/	/	<=30	Pass
		Outer_Full	23.40	/	/	24.69	/	/	<=30	Pass
		Inner_Full	23.35	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	24.65	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	23.01	/	/	24.30	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	24.28	/	/	<=30	Pass
		Outer_Full	23.42	/	/	24.71	/	/	<=30	Pass
		Inner_Full	23.41	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Left	23.50	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	24.71	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge_1RB_Left	23.08	/	/	24.37	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	24.30	/	/	<=30	Pass

		Outer_Full	23.48	/	/	24.77	/	/	<=30	Pass
		Inner_Full	23.44	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	24.81	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.14	/	/	24.43	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	24.31	/	/	<=30	Pass
		Outer_Full	23.43	/	/	24.72	/	/	<=30	Pass
		Inner_Full	23.37	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	25.01	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	24.82	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	23.04	/	/	24.33	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	24.22	/	/	<=30	Pass
		Outer_Full	23.46	/	/	24.75	/	/	<=30	Pass
		Inner_Full	23.39	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	24.70	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Edge_1RB_Left	22.95	/	/	24.24	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	24.21	/	/	<=30	Pass
		Outer_Full	23.48	/	/	24.77	/	/	<=30	Pass
		Inner_Full	23.46	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Left	23.56	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	24.78	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.06	/	/	24.35	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	24.27	/	/	<=30	Pass
		Outer_Full	23.46	/	/	24.75	/	/	<=30	Pass
		Inner_Full	23.34	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Right	23.56	/	/	24.85	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.96	/	/	24.25	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	24.21	/	/	<=30	Pass
		Outer_Full	23.41	/	/	24.70	/	/	<=30	Pass
		Inner_Full	23.40	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	24.71	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Edge_1RB_Left	21.88	/	/	23.17	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	23.13	/	/	<=30	Pass
		Outer_Full	21.98	/	/	23.27	/	/	<=30	Pass
		Inner_Full	21.94	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Left	21.85	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Right	21.88	/	/	23.17	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.99	/	/	23.28	/	/	<=30	Pass
		Edge_1RB_Right	21.85	/	/	23.14	/	/	<=30	Pass
		Outer_Full	21.97	/	/	23.26	/	/	<=30	Pass
		Inner_Full	21.86	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Left	21.95	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	21.84	/	/	23.13	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.00	/	/	23.29	/	/	<=30	Pass
		Edge_1RB_Right	21.88	/	/	23.17	/	/	<=30	Pass
		Outer_Full	21.95	/	/	23.24	/	/	<=30	Pass
		Inner_Full	21.87	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Left	21.96	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	21.91	/	/	23.20	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Edge_1RB_Left	23.01	/	/	24.30	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	24.24	/	/	<=30	Pass
		Outer_Full	23.46	/	/	24.75	/	/	<=30	Pass
		Inner_Full	23.40	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	24.78	/	/	<=30	Pass

	3750	Edge_1RB_Left	23.10	/	/	24.39	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	24.25	/	/	<=30	Pass
		Outer_Full	23.42	/	/	24.71	/	/	<=30	Pass
		Inner_Full	23.37	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	23.63	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	24.73	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	23.10	/	/	24.39	/	/	<=30	Pass
		Edge_1RB_Right	23.03	/	/	24.32	/	/	<=30	Pass
		Outer_Full	23.44	/	/	24.73	/	/	<=30	Pass
		Inner_Full	23.44	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	24.93	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Edge_1RB_Left	22.97	/	/	24.26	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	24.24	/	/	<=30	Pass
		Outer_Full	23.46	/	/	24.75	/	/	<=30	Pass
		Inner_Full	23.37	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	24.73	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.94	/	/	24.23	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	24.08	/	/	<=30	Pass
		Outer_Full	23.45	/	/	24.74	/	/	<=30	Pass
		Inner_Full	23.37	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	23.63	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	24.78	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	23.06	/	/	24.35	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	24.28	/	/	<=30	Pass
		Outer_Full	23.43	/	/	24.72	/	/	<=30	Pass
		Inner_Full	23.33	/	/	24.62	/	/	<=30	Pass
		Inner_1RB_Left	23.67	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	24.80	/	/	<=30	Pass
CP-OFDM 64 QAM	3740.01	Edge_1RB_Left	23.13	/	/	24.42	/	/	<=30	Pass
		Edge_1RB_Right	23.09	/	/	24.38	/	/	<=30	Pass
		Outer_Full	23.01	/	/	24.30	/	/	<=30	Pass
		Inner_Full	22.91	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Left	23.12	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Right	23.11	/	/	24.40	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.96	/	/	24.25	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	24.16	/	/	<=30	Pass
		Outer_Full	22.92	/	/	24.21	/	/	<=30	Pass
		Inner_Full	22.92	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Left	23.04	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Right	22.88	/	/	24.17	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	23.11	/	/	24.40	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	24.36	/	/	<=30	Pass
		Outer_Full	22.96	/	/	24.25	/	/	<=30	Pass
		Inner_Full	22.93	/	/	24.22	/	/	<=30	Pass
		Inner_1RB_Left	23.17	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Right	23.06	/	/	24.35	/	/	<=30	Pass
CP-OFDM 256 QAM	3740.01	Edge_1RB_Left	19.89	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	19.86	/	/	21.15	/	/	<=30	Pass
		Outer_Full	19.95	/	/	21.24	/	/	<=30	Pass
		Inner_Full	19.88	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Left	19.86	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Right	19.88	/	/	21.17	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.98	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	19.86	/	/	21.15	/	/	<=30	Pass
		Outer_Full	19.90	/	/	21.19	/	/	<=30	Pass
		Inner_Full	19.82	/	/	21.11	/	/	<=30	Pass

		Inner_1RB_Left	19.98	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Right	19.85	/	/	21.14	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	20.03	/	/	21.32	/	/	<=30	Pass
		Edge_1RB_Right	20.06	/	/	21.35	/	/	<=30	Pass
		Outer_Full	19.88	/	/	21.17	/	/	<=30	Pass
		Inner_Full	19.90	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Left	19.97	/	/	21.26	/	/	<=30	Pass
		Inner_1RB_Right	19.88	/	/	21.17	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.29dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.8 30k_SISO_90MHz_NTNV_EIRP

1.8.1 Test Result

5G NR n78(3700-3800MHz) 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	3745.02	Edge_1RB_Left	23.00	/	/	24.29	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	24.23	/	/	<=30	Pass
		Outer_Full	23.44	/	/	24.73	/	/	<=30	Pass
		Inner_Full	23.38	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Right	23.50	/	/	24.79	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.01	/	/	24.30	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	24.13	/	/	<=30	Pass
		Outer_Full	23.49	/	/	24.78	/	/	<=30	Pass
		Inner_Full	23.45	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	23.48	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	24.66	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	23.14	/	/	24.43	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	24.12	/	/	<=30	Pass
		Outer_Full	23.43	/	/	24.72	/	/	<=30	Pass
		Inner_Full	23.41	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Left	23.60	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	24.59	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Edge_1RB_Left	23.02	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	24.25	/	/	<=30	Pass
		Outer_Full	23.48	/	/	24.77	/	/	<=30	Pass
		Inner_Full	23.39	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	24.83	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.99	/	/	24.28	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	24.23	/	/	<=30	Pass
		Outer_Full	23.46	/	/	24.75	/	/	<=30	Pass
		Inner_Full	23.40	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Left	23.49	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	24.70	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	23.16	/	/	24.45	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	24.06	/	/	<=30	Pass
		Outer_Full	23.43	/	/	24.72	/	/	<=30	Pass
		Inner_Full	23.44	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Left	23.62	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	24.55	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Edge_1RB_Left	23.01	/	/	24.30	/	/	<=30	Pass

		Edge_1RB_Right	23.11	/	/	24.40	/	/	<=30	Pass
		Outer_Full	23.51	/	/	24.80	/	/	<=30	Pass
		Inner_Full	23.36	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	24.93	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.08	/	/	24.37	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	24.28	/	/	<=30	Pass
		Outer_Full	23.39	/	/	24.68	/	/	<=30	Pass
		Inner_Full	23.37	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	23.63	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	24.81	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	23.15	/	/	24.44	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	24.07	/	/	<=30	Pass
		Outer_Full	23.47	/	/	24.76	/	/	<=30	Pass
		Inner_Full	23.43	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	24.59	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Edge_1RB_Left	22.97	/	/	24.26	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	24.34	/	/	<=30	Pass
		Outer_Full	23.47	/	/	24.76	/	/	<=30	Pass
		Inner_Full	23.42	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	24.92	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.01	/	/	24.30	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	24.22	/	/	<=30	Pass
		Outer_Full	23.46	/	/	24.75	/	/	<=30	Pass
		Inner_Full	23.37	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	23.63	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	24.80	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	23.11	/	/	24.40	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	24.07	/	/	<=30	Pass
		Outer_Full	23.46	/	/	24.75	/	/	<=30	Pass
		Inner_Full	23.47	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Right	23.29	/	/	24.58	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Edge_1RB_Left	21.87	/	/	23.16	/	/	<=30	Pass
		Edge_1RB_Right	21.98	/	/	23.27	/	/	<=30	Pass
		Outer_Full	21.95	/	/	23.24	/	/	<=30	Pass
		Inner_Full	21.90	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	21.84	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	21.99	/	/	23.28	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.93	/	/	23.22	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	23.16	/	/	<=30	Pass
		Outer_Full	21.91	/	/	23.20	/	/	<=30	Pass
		Inner_Full	21.97	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Left	21.95	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	21.84	/	/	23.13	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.05	/	/	23.34	/	/	<=30	Pass
		Edge_1RB_Right	21.74	/	/	23.03	/	/	<=30	Pass
		Outer_Full	21.92	/	/	23.21	/	/	<=30	Pass
		Inner_Full	21.96	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Left	22.08	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Right	21.75	/	/	23.04	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Edge_1RB_Left	22.97	/	/	24.26	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	24.30	/	/	<=30	Pass
		Outer_Full	23.47	/	/	24.76	/	/	<=30	Pass
		Inner_Full	23.36	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	24.76	/	/	<=30	Pass

		Inner_1RB_Right	23.53	/	/	24.82	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.02	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	24.23	/	/	<=30	Pass
		Outer_Full	23.38	/	/	24.67	/	/	<=30	Pass
		Inner_Full	23.34	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	24.72	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	23.10	/	/	24.39	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	24.13	/	/	<=30	Pass
		Outer_Full	23.43	/	/	24.72	/	/	<=30	Pass
		Inner_Full	23.36	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	24.70	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Edge_1RB_Left	23.05	/	/	24.34	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	24.30	/	/	<=30	Pass
		Outer_Full	23.43	/	/	24.72	/	/	<=30	Pass
		Inner_Full	23.37	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Right	23.58	/	/	24.87	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.10	/	/	24.39	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	24.21	/	/	<=30	Pass
		Outer_Full	23.41	/	/	24.70	/	/	<=30	Pass
		Inner_Full	23.38	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Left	23.56	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	24.70	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	23.20	/	/	24.49	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	24.17	/	/	<=30	Pass
		Outer_Full	23.46	/	/	24.75	/	/	<=30	Pass
		Inner_Full	23.37	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Right	23.40	/	/	24.69	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Edge_1RB_Left	23.12	/	/	24.41	/	/	<=30	Pass
		Edge_1RB_Right	23.13	/	/	24.42	/	/	<=30	Pass
		Outer_Full	23.01	/	/	24.30	/	/	<=30	Pass
		Inner_Full	22.92	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Left	23.10	/	/	24.39	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	24.44	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.16	/	/	24.45	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	24.34	/	/	<=30	Pass
		Outer_Full	22.94	/	/	24.23	/	/	<=30	Pass
		Inner_Full	22.92	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Left	23.19	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Right	23.08	/	/	24.37	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	23.30	/	/	24.59	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	24.26	/	/	<=30	Pass
		Outer_Full	22.99	/	/	24.28	/	/	<=30	Pass
		Inner_Full	22.89	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Left	23.35	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Right	22.99	/	/	24.28	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Edge_1RB_Left	19.95	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	20.03	/	/	21.32	/	/	<=30	Pass
		Outer_Full	19.97	/	/	21.26	/	/	<=30	Pass
		Inner_Full	19.87	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Left	19.99	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Right	20.04	/	/	21.33	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.99	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	19.92	/	/	21.21	/	/	<=30	Pass
		Outer_Full	19.88	/	/	21.17	/	/	<=30	Pass

		Inner_Full	19.85	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Left	19.93	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Right	19.80	/	/	21.09	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	20.08	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Right	19.77	/	/	21.06	/	/	<=30	Pass
		Outer_Full	19.94	/	/	21.23	/	/	<=30	Pass
		Inner_Full	19.87	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Left	20.17	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Right	19.83	/	/	21.12	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.29dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.9 30k_SISO_100MHz_NTNV_EIRP

1.9.1 Test Result

5G NR n78(3700-3800MHz) 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	3750	Edge_1RB_Left	23.02	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	24.21	/	/	<=30	Pass
		Outer_Full	23.46	/	/	24.75	/	/	<=30	Pass
		Inner_Full	23.48	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Left	23.50	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	24.75	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.07	/	/	24.36	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	24.23	/	/	<=30	Pass
		Outer_Full	23.49	/	/	24.78	/	/	<=30	Pass
		Inner_Full	23.45	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	23.43	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	24.74	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.08	/	/	24.37	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	24.24	/	/	<=30	Pass
		Outer_Full	23.44	/	/	24.73	/	/	<=30	Pass
		Inner_Full	23.44	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	24.77	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	23.05	/	/	24.34	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	24.26	/	/	<=30	Pass
		Outer_Full	23.40	/	/	24.69	/	/	<=30	Pass
		Inner_Full	23.47	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	23.43	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	24.71	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.02	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	24.26	/	/	<=30	Pass
		Outer_Full	23.39	/	/	24.68	/	/	<=30	Pass
		Inner_Full	23.49	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	24.73	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.03	/	/	24.32	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	24.24	/	/	<=30	Pass
		Outer_Full	23.53	/	/	24.82	/	/	<=30	Pass
		Inner_Full	23.36	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	24.71	/	/	<=30	Pass

DFT-s-OFDM 16 QAM	3750	Edge_1RB_Left	22.98	/	/	24.27	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	24.28	/	/	<=30	Pass
		Outer_Full	23.48	/	/	24.77	/	/	<=30	Pass
		Inner_Full	23.36	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	24.74	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.14	/	/	24.43	/	/	<=30	Pass
		Edge_1RB_Right	23.11	/	/	24.40	/	/	<=30	Pass
		Outer_Full	23.34	/	/	24.63	/	/	<=30	Pass
		Inner_Full	23.37	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	23.62	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	24.92	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.11	/	/	24.40	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	24.33	/	/	<=30	Pass
		Outer_Full	23.54	/	/	24.83	/	/	<=30	Pass
		Inner_Full	23.41	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	24.84	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge_1RB_Left	22.95	/	/	24.24	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	24.23	/	/	<=30	Pass
		Outer_Full	23.42	/	/	24.71	/	/	<=30	Pass
		Inner_Full	23.37	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	23.48	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	24.82	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.97	/	/	24.26	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	24.28	/	/	<=30	Pass
		Outer_Full	23.47	/	/	24.76	/	/	<=30	Pass
		Inner_Full	23.36	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	24.83	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.05	/	/	24.34	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	24.23	/	/	<=30	Pass
		Outer_Full	23.51	/	/	24.80	/	/	<=30	Pass
		Inner_Full	23.46	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Left	23.63	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Right	23.58	/	/	24.87	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge_1RB_Left	21.90	/	/	23.19	/	/	<=30	Pass
		Edge_1RB_Right	21.91	/	/	23.20	/	/	<=30	Pass
		Outer_Full	21.93	/	/	23.22	/	/	<=30	Pass
		Inner_Full	21.94	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Left	21.95	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	21.88	/	/	23.17	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.92	/	/	23.21	/	/	<=30	Pass
		Edge_1RB_Right	21.95	/	/	23.24	/	/	<=30	Pass
		Outer_Full	21.92	/	/	23.21	/	/	<=30	Pass
		Inner_Full	21.90	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	21.88	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Right	21.89	/	/	23.18	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.94	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Right	21.89	/	/	23.18	/	/	<=30	Pass
		Outer_Full	21.99	/	/	23.28	/	/	<=30	Pass
		Inner_Full	21.93	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Left	21.94	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Right	21.91	/	/	23.20	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	23.07	/	/	24.36	/	/	<=30	Pass
		Edge_1RB_Right	23.03	/	/	24.32	/	/	<=30	Pass
		Outer_Full	23.51	/	/	24.80	/	/	<=30	Pass
		Inner_Full	23.42	/	/	24.71	/	/	<=30	Pass

		Inner_1RB_Left	23.57	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Right	23.47	/	/	24.76	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.04	/	/	24.33	/	/	<=30	Pass
		Edge_1RB_Right	23.06	/	/	24.35	/	/	<=30	Pass
		Outer_Full	23.46	/	/	24.75	/	/	<=30	Pass
		Inner_Full	23.41	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Right	23.56	/	/	24.85	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.98	/	/	24.27	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	24.28	/	/	<=30	Pass
		Outer_Full	23.48	/	/	24.77	/	/	<=30	Pass
		Inner_Full	23.39	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Left	23.49	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	24.78	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge_1RB_Left	23.11	/	/	24.40	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	24.33	/	/	<=30	Pass
		Outer_Full	23.50	/	/	24.79	/	/	<=30	Pass
		Inner_Full	23.38	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Left	23.68	/	/	24.97	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	24.82	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.15	/	/	24.44	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	24.31	/	/	<=30	Pass
		Outer_Full	23.39	/	/	24.68	/	/	<=30	Pass
		Inner_Full	23.38	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Left	23.69	/	/	24.98	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	24.84	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.16	/	/	24.45	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	24.31	/	/	<=30	Pass
		Outer_Full	23.49	/	/	24.78	/	/	<=30	Pass
		Inner_Full	23.36	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	23.65	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	24.80	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Edge_1RB_Left	23.13	/	/	24.42	/	/	<=30	Pass
		Edge_1RB_Right	23.14	/	/	24.43	/	/	<=30	Pass
		Outer_Full	22.96	/	/	24.25	/	/	<=30	Pass
		Inner_Full	22.88	/	/	24.17	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Right	23.08	/	/	24.37	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.06	/	/	24.35	/	/	<=30	Pass
		Edge_1RB_Right	23.13	/	/	24.42	/	/	<=30	Pass
		Outer_Full	22.96	/	/	24.25	/	/	<=30	Pass
		Inner_Full	22.87	/	/	24.16	/	/	<=30	Pass
		Inner_1RB_Left	23.15	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Right	23.08	/	/	24.37	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.11	/	/	24.40	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	24.36	/	/	<=30	Pass
		Outer_Full	23.02	/	/	24.31	/	/	<=30	Pass
		Inner_Full	22.90	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Right	23.07	/	/	24.36	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Edge_1RB_Left	19.98	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	19.97	/	/	21.26	/	/	<=30	Pass
		Outer_Full	19.97	/	/	21.26	/	/	<=30	Pass
		Inner_Full	19.87	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Left	19.96	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Right	19.94	/	/	21.23	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.97	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	20.13	/	/	21.42	/	/	<=30	Pass

		Outer_Full	20.03	/	/	21.32	/	/	<=30	Pass
		Inner_Full	19.86	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Left	19.96	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Right	19.86	/	/	21.15	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.08	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Right	20.07	/	/	21.36	/	/	<=30	Pass
		Outer_Full	19.96	/	/	21.25	/	/	<=30	Pass
		Inner_Full	19.94	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Left	20.02	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Right	19.91	/	/	21.20	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.29dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 30k_SISO_20MHz

2.1.1 Test Result

5G NR n78(3700-3800MHz) 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	3750	Outer_Full	20	LV	-31.60	-0.0084	>=-2.5 & <=2.5	Pass
				HV	-35.20	-0.0094	>=-2.5 & <=2.5	Pass
			-30	NV	-38.40	-0.0102	>=-2.5 & <=2.5	Pass
			-20	NV	-31.40	-0.0084	>=-2.5 & <=2.5	Pass
			-10	NV	-12.40	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-23.50	-0.0063	>=-2.5 & <=2.5	Pass
			10	NV	-33.60	-0.0090	>=-2.5 & <=2.5	Pass
			20	NV	-28.10	-0.0075	>=-2.5 & <=2.5	Pass
			30	NV	-33.40	-0.0089	>=-2.5 & <=2.5	Pass
			40	NV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-32.90	-0.0088	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-20.50	-0.0055	>=-2.5 & <=2.5	Pass
				HV	-18.30	-0.0049	>=-2.5 & <=2.5	Pass
			-30	NV	-14.10	-0.0038	>=-2.5 & <=2.5	Pass
			-20	NV	-36.20	-0.0097	>=-2.5 & <=2.5	Pass
			-10	NV	-38.70	-0.0103	>=-2.5 & <=2.5	Pass
			0	NV	-17.60	-0.0047	>=-2.5 & <=2.5	Pass
			10	NV	-41.90	-0.0112	>=-2.5 & <=2.5	Pass
			20	NV	-24.30	-0.0065	>=-2.5 & <=2.5	Pass
			30	NV	-14.10	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-19.80	-0.0053	>=-2.5 & <=2.5	Pass
			50	NV	-13.70	-0.0037	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-35.20	-0.0094	>=-2.5 & <=2.5	Pass
				HV	-25.50	-0.0068	>=-2.5 & <=2.5	Pass
			-30	NV	-41.80	-0.0111	>=-2.5 & <=2.5	Pass
			-20	NV	14.10	0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-26.50	-0.0071	>=-2.5 & <=2.5	Pass
			0	NV	-13.90	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-29.30	-0.0078	>=-2.5 & <=2.5	Pass
			20	NV	-39.00	-0.0104	>=-2.5 & <=2.5	Pass
			30	NV	-17.70	-0.0047	>=-2.5 & <=2.5	Pass
			40	NV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			50	NV	-43.30	-0.0115	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-22.40	-0.0060	>=-2.5 & <=2.5	Pass
				HV	-41.50	-0.0111	>=-2.5 & <=2.5	Pass
			-30	NV	-11.10	-0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	-28.90	-0.0077	>=-2.5 & <=2.5	Pass
			-10	NV	-42.50	-0.0113	>=-2.5 & <=2.5	Pass
			0	NV	-31.40	-0.0084	>=-2.5 & <=2.5	Pass
			10	NV	-24.10	-0.0064	>=-2.5 & <=2.5	Pass
			20	NV	-16.30	-0.0043	>=-2.5 & <=2.5	Pass
			30	NV	-24.30	-0.0065	>=-2.5 & <=2.5	Pass
			40	NV	-29.00	-0.0077	>=-2.5 & <=2.5	Pass
			50	NV	-24.20	-0.0065	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-38.80	-0.0103	>=-2.5 & <=2.5	Pass
				HV	-19.50	-0.0052	>=-2.5 & <=2.5	Pass
			-30	NV	-23.80	-0.0063	>=-2.5 & <=2.5	Pass
			-20	NV	-16.50	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-28.40	-0.0076	>=-2.5 & <=2.5	Pass
			0	NV	-13.90	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-46.10	-0.0123	>=-2.5 & <=2.5	Pass
			20	NV	-28.00	-0.0075	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-1.40	-0.0004	>=-2.5 & <=2.5	Pass
			50	NV	-28.10	-0.0075	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-18.60	-0.0050	>=-2.5 & <=2.5	Pass
				HV	-12.20	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-37.10	-0.0099	>=-2.5 & <=2.5	Pass
			-10	NV	-10.10	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-30.30	-0.0081	>=-2.5 & <=2.5	Pass
			10	NV	-23.40	-0.0062	>=-2.5 & <=2.5	Pass
			20	NV	-30.70	-0.0082	>=-2.5 & <=2.5	Pass
			30	NV	-11.10	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-26.10	-0.0070	>=-2.5 & <=2.5	Pass
			50	NV	-21.00	-0.0056	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-27.30	-0.0073	>=-2.5 & <=2.5	Pass
				HV	-11.20	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-9.40	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-24.20	-0.0065	>=-2.5 & <=2.5	Pass
			-10	NV	-35.00	-0.0093	>=-2.5 & <=2.5	Pass
			0	NV	-32.80	-0.0087	>=-2.5 & <=2.5	Pass
			10	NV	-18.70	-0.0050	>=-2.5 & <=2.5	Pass
			20	NV	-38.20	-0.0102	>=-2.5 & <=2.5	Pass
			30	NV	-18.40	-0.0049	>=-2.5 & <=2.5	Pass
			40	NV	-20.50	-0.0055	>=-2.5 & <=2.5	Pass
			50	NV	-26.30	-0.0070	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-8.80	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-31.70	-0.0085	>=-2.5 & <=2.5	Pass
			-30	NV	-40.80	-0.0109	>=-2.5 & <=2.5	Pass
			-20	NV	-12.40	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-23.20	-0.0062	>=-2.5 & <=2.5	Pass
			0	NV	-20.70	-0.0055	>=-2.5 & <=2.5	Pass
			10	NV	-13.60	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-25.00	-0.0067	>=-2.5 & <=2.5	Pass
			40	NV	-26.20	-0.0070	>=-2.5 & <=2.5	Pass
			50	NV	-18.20	-0.0049	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-25.30	-0.0067	>=-2.5 & <=2.5	Pass
				HV	-29.30	-0.0078	>=-2.5 & <=2.5	Pass
			-30	NV	-30.30	-0.0081	>=-2.5 & <=2.5	Pass

			-20	NV	-20.00	-0.0053	>=-2.5 & <=2.5	Pass
			-10	NV	-25.50	-0.0068	>=-2.5 & <=2.5	Pass
			0	NV	-13.00	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-27.20	-0.0073	>=-2.5 & <=2.5	Pass
			20	NV	-12.90	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-11.10	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-22.40	-0.0060	>=-2.5 & <=2.5	Pass

2.2 30k_SISO_30MHz

2.2.1 Test Result

5G NR n78(3700-3800MHz) 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	3750	Outer_Full	20	LV	-26.00	-0.0069	>=-2.5 & <=2.5	Pass
				HV	-34.40	-0.0092	>=-2.5 & <=2.5	Pass
			-30	NV	-22.50	-0.0060	>=-2.5 & <=2.5	Pass
			-20	NV	-18.00	-0.0048	>=-2.5 & <=2.5	Pass
			-10	NV	-20.90	-0.0056	>=-2.5 & <=2.5	Pass
			0	NV	-21.40	-0.0057	>=-2.5 & <=2.5	Pass
			10	NV	-29.10	-0.0078	>=-2.5 & <=2.5	Pass
			20	NV	-32.10	-0.0086	>=-2.5 & <=2.5	Pass
			30	NV	-28.00	-0.0075	>=-2.5 & <=2.5	Pass
			40	NV	-11.80	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-18.60	-0.0050	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-3.50	-0.0009	>=-2.5 & <=2.5	Pass
				HV	-13.80	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-14.60	-0.0039	>=-2.5 & <=2.5	Pass
			-20	NV	-6.80	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-21.60	-0.0058	>=-2.5 & <=2.5	Pass
			0	NV	-27.40	-0.0073	>=-2.5 & <=2.5	Pass
			10	NV	-28.10	-0.0075	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-27.80	-0.0074	>=-2.5 & <=2.5	Pass
			40	NV	-20.80	-0.0055	>=-2.5 & <=2.5	Pass
			50	NV	-28.20	-0.0075	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-19.30	-0.0051	>=-2.5 & <=2.5	Pass
				HV	-11.90	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-25.20	-0.0067	>=-2.5 & <=2.5	Pass
			-20	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-21.10	-0.0056	>=-2.5 & <=2.5	Pass
			0	NV	1.70	0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-13.20	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-12.80	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-11.90	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-18.70	-0.0050	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-20.40	-0.0054	>=-2.5 & <=2.5	Pass
				HV	4.60	0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-23.70	-0.0063	>=-2.5 & <=2.5	Pass
			-20	NV	-30.60	-0.0082	>=-2.5 & <=2.5	Pass
			-10	NV	-18.80	-0.0050	>=-2.5 & <=2.5	Pass
			0	NV	-21.20	-0.0057	>=-2.5 & <=2.5	Pass

			10	NV	-40.60	-0.0108	>=-2.5 & <=2.5	Pass
			20	NV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-13.10	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-36.80	-0.0098	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-16.90	-0.0045	>=-2.5 & <=2.5	Pass
				HV	-11.30	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-25.10	-0.0067	>=-2.5 & <=2.5	Pass
			-20	NV	-29.40	-0.0078	>=-2.5 & <=2.5	Pass
			-10	NV	-33.40	-0.0089	>=-2.5 & <=2.5	Pass
			0	NV	-16.80	-0.0045	>=-2.5 & <=2.5	Pass
			10	NV	-29.60	-0.0079	>=-2.5 & <=2.5	Pass
			20	NV	-23.70	-0.0063	>=-2.5 & <=2.5	Pass
			30	NV	-14.40	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-34.60	-0.0092	>=-2.5 & <=2.5	Pass
			50	NV	-12.40	-0.0033	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-14.10	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-50.20	-0.0134	>=-2.5 & <=2.5	Pass
			-30	NV	-36.00	-0.0096	>=-2.5 & <=2.5	Pass
			-20	NV	-28.00	-0.0075	>=-2.5 & <=2.5	Pass
			-10	NV	-21.80	-0.0058	>=-2.5 & <=2.5	Pass
			0	NV	-23.20	-0.0062	>=-2.5 & <=2.5	Pass
			10	NV	-7.80	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-40.30	-0.0107	>=-2.5 & <=2.5	Pass
			30	NV	-10.30	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-22.80	-0.0061	>=-2.5 & <=2.5	Pass
			50	NV	-11.90	-0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-17.40	-0.0046	>=-2.5 & <=2.5	Pass
				HV	-13.30	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-26.60	-0.0071	>=-2.5 & <=2.5	Pass
			-20	NV	-23.90	-0.0064	>=-2.5 & <=2.5	Pass
			-10	NV	-37.70	-0.0101	>=-2.5 & <=2.5	Pass
			0	NV	-18.00	-0.0048	>=-2.5 & <=2.5	Pass
			10	NV	-12.70	-0.0034	>=-2.5 & <=2.5	Pass
			20	NV	-32.20	-0.0086	>=-2.5 & <=2.5	Pass
			30	NV	-14.10	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-34.30	-0.0091	>=-2.5 & <=2.5	Pass
			50	NV	-33.90	-0.0090	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-28.10	-0.0075	>=-2.5 & <=2.5	Pass
				HV	-35.60	-0.0095	>=-2.5 & <=2.5	Pass
			-30	NV	-27.70	-0.0074	>=-2.5 & <=2.5	Pass
			-20	NV	-27.40	-0.0073	>=-2.5 & <=2.5	Pass
			-10	NV	-9.00	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-18.70	-0.0050	>=-2.5 & <=2.5	Pass
			20	NV	-12.30	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-10.70	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-12.40	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-25.40	-0.0068	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-11.40	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-36.00	-0.0096	>=-2.5 & <=2.5	Pass
			-30	NV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-10.50	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-33.30	-0.0089	>=-2.5 & <=2.5	Pass
			0	NV	-2.30	-0.0006	>=-2.5 & <=2.5	Pass
			10	NV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-14.40	-0.0038	>=-2.5 & <=2.5	Pass
			30	NV	-22.20	-0.0059	>=-2.5 & <=2.5	Pass

			40	NV	-14.50	-0.0039	>=-2.5 & <=2.5	Pass
			50	NV	-33.20	-0.0089	>=-2.5 & <=2.5	Pass

2.3 30k_SISO_40MHz

2.3.1 Test Result

5G NR n78(3700-3800MHz) 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	3750	Outer_Full	20	LV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-22.20	-0.0059	>=-2.5 & <=2.5	Pass
			-30	NV	-11.60	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-27.10	-0.0072	>=-2.5 & <=2.5	Pass
			-10	NV	-22.60	-0.0060	>=-2.5 & <=2.5	Pass
			0	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-6.50	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-28.60	-0.0076	>=-2.5 & <=2.5	Pass
			30	NV	-43.60	-0.0116	>=-2.5 & <=2.5	Pass
			40	NV	-33.50	-0.0089	>=-2.5 & <=2.5	Pass
			50	NV	-26.90	-0.0072	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-25.10	-0.0067	>=-2.5 & <=2.5	Pass
				HV	-30.60	-0.0082	>=-2.5 & <=2.5	Pass
			-30	NV	-18.80	-0.0050	>=-2.5 & <=2.5	Pass
			-20	NV	-36.00	-0.0096	>=-2.5 & <=2.5	Pass
			-10	NV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-11.00	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-7.20	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-40.50	-0.0108	>=-2.5 & <=2.5	Pass
			30	NV	-25.30	-0.0067	>=-2.5 & <=2.5	Pass
			40	NV	-7.60	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-37.80	-0.0101	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-22.80	-0.0061	>=-2.5 & <=2.5	Pass
				HV	-34.30	-0.0091	>=-2.5 & <=2.5	Pass
			-30	NV	-21.00	-0.0056	>=-2.5 & <=2.5	Pass
			-20	NV	-24.40	-0.0065	>=-2.5 & <=2.5	Pass
			-10	NV	-29.60	-0.0079	>=-2.5 & <=2.5	Pass
			0	NV	-20.50	-0.0055	>=-2.5 & <=2.5	Pass
			10	NV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-3.10	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-15.10	-0.0040	>=-2.5 & <=2.5	Pass
			40	NV	-18.10	-0.0048	>=-2.5 & <=2.5	Pass
			50	NV	-22.70	-0.0061	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-29.60	-0.0079	>=-2.5 & <=2.5	Pass
				HV	-12.50	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-6.50	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-8.80	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-29.70	-0.0079	>=-2.5 & <=2.5	Pass
			0	NV	-13.80	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-42.80	-0.0114	>=-2.5 & <=2.5	Pass
			20	NV	-41.70	-0.0111	>=-2.5 & <=2.5	Pass
			30	NV	-9.10	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-14.50	-0.0039	>=-2.5 & <=2.5	Pass
			50	NV	-23.00	-0.0061	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass

				HV	-25.30	-0.0067	>=-2.5 & <=2.5	Pass
			-30	NV	-14.50	-0.0039	>=-2.5 & <=2.5	Pass
			-20	NV	-11.10	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-41.60	-0.0111	>=-2.5 & <=2.5	Pass
			10	NV	27.00	0.0072	>=-2.5 & <=2.5	Pass
			20	NV	-31.60	-0.0084	>=-2.5 & <=2.5	Pass
			30	NV	-24.10	-0.0064	>=-2.5 & <=2.5	Pass
			40	NV	-38.80	-0.0103	>=-2.5 & <=2.5	Pass
			50	NV	-13.00	-0.0035	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-26.90	-0.0072	>=-2.5 & <=2.5	Pass
				HV	-37.60	-0.0100	>=-2.5 & <=2.5	Pass
			-30	NV	-48.30	-0.0129	>=-2.5 & <=2.5	Pass
			-20	NV	-31.20	-0.0083	>=-2.5 & <=2.5	Pass
			-10	NV	24.00	0.0064	>=-2.5 & <=2.5	Pass
			0	NV	-16.20	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-17.40	-0.0046	>=-2.5 & <=2.5	Pass
			20	NV	-17.20	-0.0046	>=-2.5 & <=2.5	Pass
			30	NV	-18.60	-0.0050	>=-2.5 & <=2.5	Pass
			40	NV	-38.00	-0.0101	>=-2.5 & <=2.5	Pass
			50	NV	-17.00	-0.0045	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-47.70	-0.0127	>=-2.5 & <=2.5	Pass
				HV	-17.60	-0.0047	>=-2.5 & <=2.5	Pass
			-30	NV	-8.60	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-19.40	-0.0052	>=-2.5 & <=2.5	Pass
			-10	NV	-28.00	-0.0075	>=-2.5 & <=2.5	Pass
			0	NV	-15.10	-0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-13.30	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-10.00	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-10.10	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-10.20	-0.0027	>=-2.5 & <=2.5	Pass
			50	NV	-28.40	-0.0076	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-30.50	-0.0081	>=-2.5 & <=2.5	Pass
				HV	2.10	0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	-35.70	-0.0095	>=-2.5 & <=2.5	Pass
			-20	NV	-14.00	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-17.90	-0.0048	>=-2.5 & <=2.5	Pass
			0	NV	-25.50	-0.0068	>=-2.5 & <=2.5	Pass
			10	NV	-31.40	-0.0084	>=-2.5 & <=2.5	Pass
			20	NV	-45.30	-0.0121	>=-2.5 & <=2.5	Pass
			30	NV	-11.40	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-29.40	-0.0078	>=-2.5 & <=2.5	Pass
			50	NV	-31.80	-0.0085	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-34.90	-0.0093	>=-2.5 & <=2.5	Pass
				HV	-27.40	-0.0073	>=-2.5 & <=2.5	Pass
			-30	NV	-28.50	-0.0076	>=-2.5 & <=2.5	Pass
			-20	NV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-25.70	-0.0069	>=-2.5 & <=2.5	Pass
			0	NV	-47.30	-0.0126	>=-2.5 & <=2.5	Pass
			10	NV	-23.90	-0.0064	>=-2.5 & <=2.5	Pass
			20	NV	-19.60	-0.0052	>=-2.5 & <=2.5	Pass
			30	NV	-22.20	-0.0059	>=-2.5 & <=2.5	Pass
			40	NV	-27.60	-0.0074	>=-2.5 & <=2.5	Pass
			50	NV	-56.20	-0.0150	>=-2.5 & <=2.5	Pass

2.4 30k_SISO_50MHz

2.4.1 Test Result

5G NR n78(3700-3800MHz) 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	3750	Outer_Full	20	LV	-28.30	-0.0075	>=-2.5 & <=2.5	Pass
				HV	-32.70	-0.0087	>=-2.5 & <=2.5	Pass
			-30	NV	-37.70	-0.0101	>=-2.5 & <=2.5	Pass
			-20	NV	-19.60	-0.0052	>=-2.5 & <=2.5	Pass
			-10	NV	-11.40	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	13.50	0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-15.00	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-20.70	-0.0055	>=-2.5 & <=2.5	Pass
			30	NV	-33.50	-0.0089	>=-2.5 & <=2.5	Pass
			40	NV	-18.20	-0.0049	>=-2.5 & <=2.5	Pass
			50	NV	-19.70	-0.0053	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-27.00	-0.0072	>=-2.5 & <=2.5	Pass
				HV	-25.90	-0.0069	>=-2.5 & <=2.5	Pass
			-30	NV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-21.90	-0.0058	>=-2.5 & <=2.5	Pass
			-10	NV	-11.40	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-21.00	-0.0056	>=-2.5 & <=2.5	Pass
			10	NV	4.90	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-24.30	-0.0065	>=-2.5 & <=2.5	Pass
			30	NV	-22.90	-0.0061	>=-2.5 & <=2.5	Pass
			40	NV	-31.50	-0.0084	>=-2.5 & <=2.5	Pass
			50	NV	-17.60	-0.0047	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-36.40	-0.0097	>=-2.5 & <=2.5	Pass
				HV	-19.20	-0.0051	>=-2.5 & <=2.5	Pass
			-30	NV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-45.70	-0.0122	>=-2.5 & <=2.5	Pass
			-10	NV	-8.30	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-18.30	-0.0049	>=-2.5 & <=2.5	Pass
			10	NV	-1.80	-0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-32.70	-0.0087	>=-2.5 & <=2.5	Pass
			30	NV	-21.10	-0.0056	>=-2.5 & <=2.5	Pass
			40	NV	-21.80	-0.0058	>=-2.5 & <=2.5	Pass
			50	NV	-27.60	-0.0074	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-14.70	-0.0039	>=-2.5 & <=2.5	Pass
				HV	-36.30	-0.0097	>=-2.5 & <=2.5	Pass
			-30	NV	-5.80	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-9.70	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-14.50	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-16.50	-0.0044	>=-2.5 & <=2.5	Pass
			10	NV	-5.30	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-19.30	-0.0051	>=-2.5 & <=2.5	Pass
			30	NV	-16.30	-0.0043	>=-2.5 & <=2.5	Pass
			40	NV	-7.30	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-9.40	-0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-45.30	-0.0121	>=-2.5 & <=2.5	Pass
			-30	NV	-13.50	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	-21.00	-0.0056	>=-2.5 & <=2.5	Pass
			-10	NV	-18.90	-0.0050	>=-2.5 & <=2.5	Pass
			0	NV	-10.00	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-17.40	-0.0046	>=-2.5 & <=2.5	Pass
			20	NV	-44.80	-0.0119	>=-2.5 & <=2.5	Pass

			30	NV	-14.80	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-24.10	-0.0064	>=-2.5 & <=2.5	Pass
			50	NV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-40.20	-0.0107	>=-2.5 & <=2.5	Pass
				HV	-25.60	-0.0068	>=-2.5 & <=2.5	Pass
			-30	NV	-25.80	-0.0069	>=-2.5 & <=2.5	Pass
			-20	NV	-10.20	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-43.90	-0.0117	>=-2.5 & <=2.5	Pass
			0	NV	-23.20	-0.0062	>=-2.5 & <=2.5	Pass
			10	NV	-23.50	-0.0063	>=-2.5 & <=2.5	Pass
			20	NV	-14.30	-0.0038	>=-2.5 & <=2.5	Pass
			30	NV	-23.70	-0.0063	>=-2.5 & <=2.5	Pass
			40	NV	-9.00	-0.0024	>=-2.5 & <=2.5	Pass
			50	NV	-20.40	-0.0054	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-54.40	-0.0145	>=-2.5 & <=2.5	Pass
				HV	-22.80	-0.0061	>=-2.5 & <=2.5	Pass
			-30	NV	-29.50	-0.0079	>=-2.5 & <=2.5	Pass
			-20	NV	-27.60	-0.0074	>=-2.5 & <=2.5	Pass
			-10	NV	-16.00	-0.0043	>=-2.5 & <=2.5	Pass
			0	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-13.90	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-25.90	-0.0069	>=-2.5 & <=2.5	Pass
			30	NV	-40.20	-0.0107	>=-2.5 & <=2.5	Pass
			40	NV	-10.20	-0.0027	>=-2.5 & <=2.5	Pass
			50	NV	-35.10	-0.0094	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-24.10	-0.0064	>=-2.5 & <=2.5	Pass
				HV	-13.50	-0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	-22.50	-0.0060	>=-2.5 & <=2.5	Pass
			-20	NV	-9.80	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-14.50	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-8.60	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-13.50	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-17.00	-0.0045	>=-2.5 & <=2.5	Pass
			30	NV	-29.90	-0.0080	>=-2.5 & <=2.5	Pass
			40	NV	-33.50	-0.0089	>=-2.5 & <=2.5	Pass
			50	NV	-13.40	-0.0036	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-30.00	-0.0080	>=-2.5 & <=2.5	Pass
				HV	-13.60	-0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	-13.00	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-13.00	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-6.50	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	12.80	0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-13.80	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-31.30	-0.0083	>=-2.5 & <=2.5	Pass
			30	NV	12.70	0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-43.10	-0.0115	>=-2.5 & <=2.5	Pass
			50	NV	-4.90	-0.0013	>=-2.5 & <=2.5	Pass

2.5 30k_SISO_60MHz

2.5.1 Test Result

5G NR n78(3700-3800MHz) 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	3750	Outer_Full	20	LV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-13.50	-0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-21.90	-0.0058	>=-2.5 & <=2.5	Pass
			-10	NV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-35.60	-0.0095	>=-2.5 & <=2.5	Pass
			10	NV	-7.80	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-16.40	-0.0044	>=-2.5 & <=2.5	Pass
			30	NV	-9.40	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-16.30	-0.0043	>=-2.5 & <=2.5	Pass
			50	NV	-25.10	-0.0067	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-16.50	-0.0044	>=-2.5 & <=2.5	Pass
				HV	-37.90	-0.0101	>=-2.5 & <=2.5	Pass
			-30	NV	-17.40	-0.0046	>=-2.5 & <=2.5	Pass
			-20	NV	-27.80	-0.0074	>=-2.5 & <=2.5	Pass
			-10	NV	-28.40	-0.0076	>=-2.5 & <=2.5	Pass
			0	NV	-11.20	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-13.20	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-9.10	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-11.90	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-11.80	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-25.20	-0.0067	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-11.20	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-40.20	-0.0107	>=-2.5 & <=2.5	Pass
			-30	NV	-27.00	-0.0072	>=-2.5 & <=2.5	Pass
			-20	NV	-18.10	-0.0048	>=-2.5 & <=2.5	Pass
			-10	NV	-13.00	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-11.50	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-26.40	-0.0070	>=-2.5 & <=2.5	Pass
			20	NV	-27.10	-0.0072	>=-2.5 & <=2.5	Pass
			30	NV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-9.90	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-26.70	-0.0071	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-30.10	-0.0080	>=-2.5 & <=2.5	Pass
				HV	-16.30	-0.0043	>=-2.5 & <=2.5	Pass
			-30	NV	-24.60	-0.0066	>=-2.5 & <=2.5	Pass
			-20	NV	-23.90	-0.0064	>=-2.5 & <=2.5	Pass
			-10	NV	-24.50	-0.0065	>=-2.5 & <=2.5	Pass
			0	NV	-26.90	-0.0072	>=-2.5 & <=2.5	Pass
			10	NV	-12.40	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-37.90	-0.0101	>=-2.5 & <=2.5	Pass
			40	NV	-20.00	-0.0053	>=-2.5 & <=2.5	Pass
			50	NV	-26.20	-0.0070	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-26.90	-0.0072	>=-2.5 & <=2.5	Pass
				HV	-21.60	-0.0058	>=-2.5 & <=2.5	Pass
			-30	NV	-13.10	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-25.20	-0.0067	>=-2.5 & <=2.5	Pass
			-10	NV	-18.70	-0.0050	>=-2.5 & <=2.5	Pass
			0	NV	-22.30	-0.0059	>=-2.5 & <=2.5	Pass
			10	NV	-27.00	-0.0072	>=-2.5 & <=2.5	Pass
			20	NV	-22.40	-0.0060	>=-2.5 & <=2.5	Pass
			30	NV	-27.40	-0.0073	>=-2.5 & <=2.5	Pass
			40	NV	-24.80	-0.0066	>=-2.5 & <=2.5	Pass
			50	NV	-27.80	-0.0074	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-9.90	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-14.90	-0.0040	>=-2.5 & <=2.5	Pass
			-30	NV	-31.30	-0.0083	>=-2.5 & <=2.5	Pass

			-20	NV	-24.60	-0.0066	>=-2.5 & <=2.5	Pass
			-10	NV	-12.90	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-13.20	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-26.30	-0.0070	>=-2.5 & <=2.5	Pass
			20	NV	-14.90	-0.0040	>=-2.5 & <=2.5	Pass
			30	NV	-13.70	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-16.20	-0.0043	>=-2.5 & <=2.5	Pass
			50	NV	-30.80	-0.0082	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-18.60	-0.0050	>=-2.5 & <=2.5	Pass
				HV	-25.70	-0.0069	>=-2.5 & <=2.5	Pass
			-30	NV	-20.70	-0.0055	>=-2.5 & <=2.5	Pass
			-20	NV	9.10	0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-18.90	-0.0050	>=-2.5 & <=2.5	Pass
			0	NV	-28.20	-0.0075	>=-2.5 & <=2.5	Pass
			10	NV	-23.20	-0.0062	>=-2.5 & <=2.5	Pass
			20	NV	-9.50	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-32.20	-0.0086	>=-2.5 & <=2.5	Pass
			40	NV	-29.30	-0.0078	>=-2.5 & <=2.5	Pass
			50	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-9.80	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-38.40	-0.0102	>=-2.5 & <=2.5	Pass
			-30	NV	-23.10	-0.0062	>=-2.5 & <=2.5	Pass
			-20	NV	-15.00	-0.0040	>=-2.5 & <=2.5	Pass
			-10	NV	-24.80	-0.0066	>=-2.5 & <=2.5	Pass
			0	NV	-33.00	-0.0088	>=-2.5 & <=2.5	Pass
			10	NV	-22.00	-0.0059	>=-2.5 & <=2.5	Pass
			20	NV	-12.30	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-22.10	-0.0059	>=-2.5 & <=2.5	Pass
			40	NV	-28.00	-0.0075	>=-2.5 & <=2.5	Pass
			50	NV	-17.70	-0.0047	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	6.10	0.0016	>=-2.5 & <=2.5	Pass
				HV	11.10	0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-34.00	-0.0091	>=-2.5 & <=2.5	Pass
			-20	NV	-18.60	-0.0050	>=-2.5 & <=2.5	Pass
			-10	NV	-28.40	-0.0076	>=-2.5 & <=2.5	Pass
			0	NV	-28.40	-0.0076	>=-2.5 & <=2.5	Pass
			10	NV	-26.00	-0.0069	>=-2.5 & <=2.5	Pass
			20	NV	-15.50	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	-34.10	-0.0091	>=-2.5 & <=2.5	Pass
			40	NV	-8.40	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-17.30	-0.0046	>=-2.5 & <=2.5	Pass

2.6 30k_SISO_70MHz

2.6.1 Test Result

5G NR n78(3700-3800MHz) 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	3750	Outer_Full	20	LV	-14.30	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-26.80	-0.0071	>=-2.5 & <=2.5	Pass
			-30	NV	-42.70	-0.0114	>=-2.5 & <=2.5	Pass
			-20	NV	-25.00	-0.0067	>=-2.5 & <=2.5	Pass
			-10	NV	-36.00	-0.0096	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass

			10	NV	-30.50	-0.0081	>=-2.5 & <=2.5	Pass
			20	NV	-26.10	-0.0070	>=-2.5 & <=2.5	Pass
			30	NV	-24.20	-0.0065	>=-2.5 & <=2.5	Pass
			40	NV	-7.10	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-45.10	-0.0120	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-8.70	-0.0023	>=-2.5 & <=2.5	Pass
				HV	15.40	0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-21.20	-0.0057	>=-2.5 & <=2.5	Pass
			-10	NV	-11.70	-0.0031	>=-2.5 & <=2.5	Pass
			0	NV	-13.50	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-38.30	-0.0102	>=-2.5 & <=2.5	Pass
			20	NV	-9.40	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-25.80	-0.0069	>=-2.5 & <=2.5	Pass
			40	NV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-9.40	-0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-27.30	-0.0073	>=-2.5 & <=2.5	Pass
				HV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-26.30	-0.0070	>=-2.5 & <=2.5	Pass
			-20	NV	-11.10	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-27.50	-0.0073	>=-2.5 & <=2.5	Pass
			0	NV	-14.20	-0.0038	>=-2.5 & <=2.5	Pass
			10	NV	20.70	0.0055	>=-2.5 & <=2.5	Pass
			20	NV	-21.10	-0.0056	>=-2.5 & <=2.5	Pass
			30	NV	-41.20	-0.0110	>=-2.5 & <=2.5	Pass
			40	NV	-10.50	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-25.00	-0.0067	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-14.00	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-13.20	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-35.70	-0.0095	>=-2.5 & <=2.5	Pass
			-10	NV	-7.30	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-33.80	-0.0090	>=-2.5 & <=2.5	Pass
			10	NV	-35.40	-0.0094	>=-2.5 & <=2.5	Pass
			20	NV	-16.30	-0.0043	>=-2.5 & <=2.5	Pass
			30	NV	-11.30	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-12.90	-0.0034	>=-2.5 & <=2.5	Pass
			50	NV	-12.60	-0.0034	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-22.80	-0.0061	>=-2.5 & <=2.5	Pass
				HV	-17.40	-0.0046	>=-2.5 & <=2.5	Pass
			-30	NV	-36.10	-0.0096	>=-2.5 & <=2.5	Pass
			-20	NV	-24.20	-0.0065	>=-2.5 & <=2.5	Pass
			-10	NV	-7.30	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-10.10	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-27.90	-0.0074	>=-2.5 & <=2.5	Pass
			20	NV	-32.30	-0.0086	>=-2.5 & <=2.5	Pass
			30	NV	8.20	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-10.50	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-11.20	-0.0030	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-20.00	-0.0053	>=-2.5 & <=2.5	Pass
				HV	-7.30	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-19.00	-0.0051	>=-2.5 & <=2.5	Pass
			-20	NV	-29.30	-0.0078	>=-2.5 & <=2.5	Pass
			-10	NV	-19.60	-0.0052	>=-2.5 & <=2.5	Pass
			0	NV	-12.90	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-18.70	-0.0050	>=-2.5 & <=2.5	Pass
			20	NV	-20.30	-0.0054	>=-2.5 & <=2.5	Pass
			30	NV	-36.20	-0.0097	>=-2.5 & <=2.5	Pass

			40	NV	-34.90	-0.0093	>=-2.5 & <=2.5	Pass
			50	NV	3.50	0.0009	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-10.60	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-18.60	-0.0050	>=-2.5 & <=2.5	Pass
			-30	NV	-12.80	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-39.10	-0.0104	>=-2.5 & <=2.5	Pass
			-10	NV	-23.30	-0.0062	>=-2.5 & <=2.5	Pass
			0	NV	-17.30	-0.0046	>=-2.5 & <=2.5	Pass
			10	NV	-15.00	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-22.70	-0.0061	>=-2.5 & <=2.5	Pass
			30	NV	-19.90	-0.0053	>=-2.5 & <=2.5	Pass
			40	NV	-26.50	-0.0071	>=-2.5 & <=2.5	Pass
			50	NV	-26.40	-0.0070	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	4.50	0.0012	>=-2.5 & <=2.5	Pass
				HV	-22.90	-0.0061	>=-2.5 & <=2.5	Pass
			-30	NV	-23.40	-0.0062	>=-2.5 & <=2.5	Pass
			-20	NV	-44.10	-0.0118	>=-2.5 & <=2.5	Pass
			-10	NV	-16.00	-0.0043	>=-2.5 & <=2.5	Pass
			0	NV	-39.30	-0.0105	>=-2.5 & <=2.5	Pass
			10	NV	-8.80	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-12.60	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-24.00	-0.0064	>=-2.5 & <=2.5	Pass
			40	NV	-22.40	-0.0060	>=-2.5 & <=2.5	Pass
			50	NV	-28.00	-0.0075	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-28.60	-0.0076	>=-2.5 & <=2.5	Pass
				HV	-30.90	-0.0082	>=-2.5 & <=2.5	Pass
			-30	NV	-21.80	-0.0058	>=-2.5 & <=2.5	Pass
			-20	NV	-8.70	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-21.20	-0.0057	>=-2.5 & <=2.5	Pass
			0	NV	-24.30	-0.0065	>=-2.5 & <=2.5	Pass
			10	NV	-15.50	-0.0041	>=-2.5 & <=2.5	Pass
			20	NV	-34.90	-0.0093	>=-2.5 & <=2.5	Pass
			30	NV	-38.90	-0.0104	>=-2.5 & <=2.5	Pass
			40	NV	-15.20	-0.0041	>=-2.5 & <=2.5	Pass
			50	NV	-18.10	-0.0048	>=-2.5 & <=2.5	Pass

2.7 30k_SISO_80MHz

2.7.1 Test Result

5G NR n78(3700-3800MHz) 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	3750	Outer_Full	20	LV	-24.70	-0.0066	>=-2.5 & <=2.5	Pass
				HV	12.20	0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-16.10	-0.0043	>=-2.5 & <=2.5	Pass
			-20	NV	-19.20	-0.0051	>=-2.5 & <=2.5	Pass
			-10	NV	-24.00	-0.0064	>=-2.5 & <=2.5	Pass
			0	NV	-24.60	-0.0066	>=-2.5 & <=2.5	Pass
			10	NV	4.60	0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-10.80	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-9.90	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-20.70	-0.0055	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-40.70	-0.0109	>=-2.5 & <=2.5	Pass

				HV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-32.40	-0.0086	>=-2.5 & <=2.5	Pass
			-20	NV	-20.50	-0.0055	>=-2.5 & <=2.5	Pass
			-10	NV	-34.30	-0.0091	>=-2.5 & <=2.5	Pass
			0	NV	-10.10	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-13.10	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-17.30	-0.0046	>=-2.5 & <=2.5	Pass
			40	NV	-25.70	-0.0069	>=-2.5 & <=2.5	Pass
			50	NV	-8.70	-0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-25.30	-0.0067	>=-2.5 & <=2.5	Pass
				HV	-11.60	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-23.20	-0.0062	>=-2.5 & <=2.5	Pass
			-20	NV	-27.30	-0.0073	>=-2.5 & <=2.5	Pass
			-10	NV	-22.90	-0.0061	>=-2.5 & <=2.5	Pass
			0	NV	20.70	0.0055	>=-2.5 & <=2.5	Pass
			10	NV	-23.90	-0.0064	>=-2.5 & <=2.5	Pass
			20	NV	5.90	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-34.90	-0.0093	>=-2.5 & <=2.5	Pass
			40	NV	-30.70	-0.0082	>=-2.5 & <=2.5	Pass
			50	NV	-33.50	-0.0089	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-29.30	-0.0078	>=-2.5 & <=2.5	Pass
				HV	-16.20	-0.0043	>=-2.5 & <=2.5	Pass
			-30	NV	-18.10	-0.0048	>=-2.5 & <=2.5	Pass
			-20	NV	25.30	0.0067	>=-2.5 & <=2.5	Pass
			-10	NV	-18.30	-0.0049	>=-2.5 & <=2.5	Pass
			0	NV	-30.90	-0.0082	>=-2.5 & <=2.5	Pass
			10	NV	-11.50	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-19.50	-0.0052	>=-2.5 & <=2.5	Pass
			30	NV	-23.40	-0.0062	>=-2.5 & <=2.5	Pass
			40	NV	-19.90	-0.0053	>=-2.5 & <=2.5	Pass
			50	NV	-36.40	-0.0097	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-43.50	-0.0116	>=-2.5 & <=2.5	Pass
				HV	-8.30	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-37.60	-0.0100	>=-2.5 & <=2.5	Pass
			-10	NV	-28.80	-0.0077	>=-2.5 & <=2.5	Pass
			0	NV	-17.00	-0.0045	>=-2.5 & <=2.5	Pass
			10	NV	-9.10	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-14.90	-0.0040	>=-2.5 & <=2.5	Pass
			30	NV	-28.30	-0.0075	>=-2.5 & <=2.5	Pass
			40	NV	-22.30	-0.0059	>=-2.5 & <=2.5	Pass
			50	NV	-21.60	-0.0058	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-29.50	-0.0079	>=-2.5 & <=2.5	Pass
				HV	-8.70	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-15.30	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-17.60	-0.0047	>=-2.5 & <=2.5	Pass
			-10	NV	-40.50	-0.0108	>=-2.5 & <=2.5	Pass
			0	NV	-20.30	-0.0054	>=-2.5 & <=2.5	Pass
			10	NV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-10.70	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-12.90	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-12.10	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-18.60	-0.0050	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-26.00	-0.0069	>=-2.5 & <=2.5	Pass
				HV	-52.20	-0.0139	>=-2.5 & <=2.5	Pass
			-30	NV	-17.00	-0.0045	>=-2.5 & <=2.5	Pass
			-20	NV	-18.40	-0.0049	>=-2.5 & <=2.5	Pass

			-10	NV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-14.40	-0.0038	>=-2.5 & <=2.5	Pass
			10	NV	-23.90	-0.0064	>=-2.5 & <=2.5	Pass
			20	NV	-18.90	-0.0050	>=-2.5 & <=2.5	Pass
			30	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-24.40	-0.0065	>=-2.5 & <=2.5	Pass
			50	NV	-4.30	-0.0011	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-28.70	-0.0077	>=-2.5 & <=2.5	Pass
				HV	-15.20	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-36.20	-0.0097	>=-2.5 & <=2.5	Pass
			-20	NV	-20.30	-0.0054	>=-2.5 & <=2.5	Pass
			-10	NV	-11.60	-0.0031	>=-2.5 & <=2.5	Pass
			0	NV	-21.70	-0.0058	>=-2.5 & <=2.5	Pass
			10	NV	-21.80	-0.0058	>=-2.5 & <=2.5	Pass
			20	NV	-23.00	-0.0061	>=-2.5 & <=2.5	Pass
			30	NV	-29.40	-0.0078	>=-2.5 & <=2.5	Pass
			40	NV	20.80	0.0055	>=-2.5 & <=2.5	Pass
			50	NV	-16.90	-0.0045	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-23.40	-0.0062	>=-2.5 & <=2.5	Pass
				HV	-31.50	-0.0084	>=-2.5 & <=2.5	Pass
			-30	NV	-30.00	-0.0080	>=-2.5 & <=2.5	Pass
			-20	NV	-21.00	-0.0056	>=-2.5 & <=2.5	Pass
			-10	NV	-42.10	-0.0112	>=-2.5 & <=2.5	Pass
			0	NV	-38.80	-0.0103	>=-2.5 & <=2.5	Pass
			10	NV	-20.80	-0.0055	>=-2.5 & <=2.5	Pass
			20	NV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-14.30	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-28.00	-0.0075	>=-2.5 & <=2.5	Pass
			50	NV	-35.50	-0.0095	>=-2.5 & <=2.5	Pass

2.8 30k_SISO_90MHz

2.8.1 Test Result

5G NR n78(3700-3800MHz) 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	3750	Outer_Full	20	LV	-21.90	-0.0058	>=-2.5 & <=2.5	Pass
				HV	-19.90	-0.0053	>=-2.5 & <=2.5	Pass
			-30	NV	-45.30	-0.0121	>=-2.5 & <=2.5	Pass
			-20	NV	-9.30	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-11.50	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-28.90	-0.0077	>=-2.5 & <=2.5	Pass
			20	NV	-21.50	-0.0057	>=-2.5 & <=2.5	Pass
			30	NV	-8.30	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-19.70	-0.0053	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-25.70	-0.0069	>=-2.5 & <=2.5	Pass
				HV	-21.30	-0.0057	>=-2.5 & <=2.5	Pass
			-30	NV	-29.40	-0.0078	>=-2.5 & <=2.5	Pass
			-20	NV	-11.00	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-17.80	-0.0047	>=-2.5 & <=2.5	Pass
			0	NV	-15.70	-0.0042	>=-2.5 & <=2.5	Pass
			10	NV	-21.20	-0.0057	>=-2.5 & <=2.5	Pass

			20	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-19.50	-0.0052	>=-2.5 & <=2.5	Pass
			40	NV	-3.10	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-21.60	-0.0058	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-16.40	-0.0044	>=-2.5 & <=2.5	Pass
				HV	-16.10	-0.0043	>=-2.5 & <=2.5	Pass
			-30	NV	-14.80	-0.0039	>=-2.5 & <=2.5	Pass
			-20	NV	-16.50	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-27.30	-0.0073	>=-2.5 & <=2.5	Pass
			0	NV	-17.10	-0.0046	>=-2.5 & <=2.5	Pass
			10	NV	-27.50	-0.0073	>=-2.5 & <=2.5	Pass
			20	NV	-28.30	-0.0075	>=-2.5 & <=2.5	Pass
			30	NV	17.90	0.0048	>=-2.5 & <=2.5	Pass
			40	NV	-12.20	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-22.90	-0.0061	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-18.90	-0.0050	>=-2.5 & <=2.5	Pass
				HV	-28.00	-0.0075	>=-2.5 & <=2.5	Pass
			-30	NV	-31.40	-0.0084	>=-2.5 & <=2.5	Pass
			-20	NV	-17.40	-0.0046	>=-2.5 & <=2.5	Pass
			-10	NV	-27.90	-0.0074	>=-2.5 & <=2.5	Pass
			0	NV	-26.30	-0.0070	>=-2.5 & <=2.5	Pass
			10	NV	-28.50	-0.0076	>=-2.5 & <=2.5	Pass
			20	NV	-11.50	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-14.20	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-7.20	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-16.50	-0.0044	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-25.90	-0.0069	>=-2.5 & <=2.5	Pass
				HV	-27.90	-0.0074	>=-2.5 & <=2.5	Pass
			-30	NV	-27.60	-0.0074	>=-2.5 & <=2.5	Pass
			-20	NV	-16.00	-0.0043	>=-2.5 & <=2.5	Pass
			-10	NV	-17.70	-0.0047	>=-2.5 & <=2.5	Pass
			0	NV	-16.00	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-33.50	-0.0089	>=-2.5 & <=2.5	Pass
			20	NV	-12.20	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	10.60	0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-11.80	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-14.00	-0.0037	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-13.20	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-28.70	-0.0077	>=-2.5 & <=2.5	Pass
			-30	NV	-7.20	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-6.00	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-22.30	-0.0059	>=-2.5 & <=2.5	Pass
			0	NV	-26.80	-0.0071	>=-2.5 & <=2.5	Pass
			10	NV	-39.10	-0.0104	>=-2.5 & <=2.5	Pass
			20	NV	-40.60	-0.0108	>=-2.5 & <=2.5	Pass
			30	NV	-31.60	-0.0084	>=-2.5 & <=2.5	Pass
			40	NV	-20.70	-0.0055	>=-2.5 & <=2.5	Pass
			50	NV	-13.80	-0.0037	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-31.90	-0.0085	>=-2.5 & <=2.5	Pass
				HV	-10.10	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-24.60	-0.0066	>=-2.5 & <=2.5	Pass
			-20	NV	-12.80	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-21.20	-0.0057	>=-2.5 & <=2.5	Pass
			0	NV	-18.70	-0.0050	>=-2.5 & <=2.5	Pass
			10	NV	-24.20	-0.0065	>=-2.5 & <=2.5	Pass
			20	NV	-4.60	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-18.90	-0.0050	>=-2.5 & <=2.5	Pass
			40	NV	-16.30	-0.0043	>=-2.5 & <=2.5	Pass

			50	NV	-13.00	-0.0035	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-24.20	-0.0065	>=-2.5 & <=2.5	Pass
				HV	-11.00	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-16.30	-0.0043	>=-2.5 & <=2.5	Pass
			-20	NV	-16.10	-0.0043	>=-2.5 & <=2.5	Pass
			-10	NV	-21.10	-0.0056	>=-2.5 & <=2.5	Pass
			0	NV	-29.60	-0.0079	>=-2.5 & <=2.5	Pass
			10	NV	-23.70	-0.0063	>=-2.5 & <=2.5	Pass
			20	NV	-23.00	-0.0061	>=-2.5 & <=2.5	Pass
			30	NV	-11.90	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-18.60	-0.0050	>=-2.5 & <=2.5	Pass
			50	NV	-18.30	-0.0049	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-34.50	-0.0092	>=-2.5 & <=2.5	Pass
				HV	-15.80	-0.0042	>=-2.5 & <=2.5	Pass
			-30	NV	-22.30	-0.0059	>=-2.5 & <=2.5	Pass
			-20	NV	-9.70	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-12.20	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-29.20	-0.0078	>=-2.5 & <=2.5	Pass
			10	NV	-17.80	-0.0047	>=-2.5 & <=2.5	Pass
			20	NV	-29.60	-0.0079	>=-2.5 & <=2.5	Pass
			30	NV	-22.90	-0.0061	>=-2.5 & <=2.5	Pass
			40	NV	-27.40	-0.0073	>=-2.5 & <=2.5	Pass
			50	NV	-11.80	-0.0031	>=-2.5 & <=2.5	Pass

2.9 30k_SISO_100MHz

2.9.1 Test Result

5G NR n78(3700-3800MHz) 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	3750	Outer_Full	20	LV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-25.70	-0.0069	>=-2.5 & <=2.5	Pass
			-30	NV	-15.50	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-12.70	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-13.10	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-35.40	-0.0094	>=-2.5 & <=2.5	Pass
			20	NV	-16.20	-0.0043	>=-2.5 & <=2.5	Pass
			30	NV	-20.20	-0.0054	>=-2.5 & <=2.5	Pass
			40	NV	-10.80	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-14.30	-0.0038	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-15.00	-0.0040	>=-2.5 & <=2.5	Pass
				HV	-8.80	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-21.10	-0.0056	>=-2.5 & <=2.5	Pass
			-20	NV	-20.30	-0.0054	>=-2.5 & <=2.5	Pass
			-10	NV	-26.40	-0.0070	>=-2.5 & <=2.5	Pass
			0	NV	-20.40	-0.0054	>=-2.5 & <=2.5	Pass
			10	NV	-24.90	-0.0066	>=-2.5 & <=2.5	Pass
			20	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-30.90	-0.0082	>=-2.5 & <=2.5	Pass
			40	NV	-36.60	-0.0098	>=-2.5 & <=2.5	Pass
			50	NV	-10.40	-0.0028	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-9.00	-0.0024	>=-2.5 & <=2.5	Pass
				HV	-31.50	-0.0084	>=-2.5 & <=2.5	Pass

			-30	NV	-10.70	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-21.40	-0.0057	>=-2.5 & <=2.5	Pass
			-10	NV	-15.70	-0.0042	>=-2.5 & <=2.5	Pass
			0	NV	-11.30	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-16.20	-0.0043	>=-2.5 & <=2.5	Pass
			20	NV	-26.50	-0.0071	>=-2.5 & <=2.5	Pass
			30	NV	-17.00	-0.0045	>=-2.5 & <=2.5	Pass
			40	NV	-9.40	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-35.50	-0.0095	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-16.00	-0.0043	>=-2.5 & <=2.5	Pass
				HV	-26.70	-0.0071	>=-2.5 & <=2.5	Pass
			-30	NV	7.90	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-17.00	-0.0045	>=-2.5 & <=2.5	Pass
			-10	NV	-10.20	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-13.00	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-26.40	-0.0070	>=-2.5 & <=2.5	Pass
			20	NV	-15.50	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	-15.30	-0.0041	>=-2.5 & <=2.5	Pass
			40	NV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-20.90	-0.0056	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-15.10	-0.0040	>=-2.5 & <=2.5	Pass
				HV	-11.10	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	10.60	0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-19.70	-0.0053	>=-2.5 & <=2.5	Pass
			-10	NV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-4.20	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-18.50	-0.0049	>=-2.5 & <=2.5	Pass
			20	NV	-22.00	-0.0059	>=-2.5 & <=2.5	Pass
			30	NV	-27.50	-0.0073	>=-2.5 & <=2.5	Pass
			40	NV	-21.90	-0.0058	>=-2.5 & <=2.5	Pass
			50	NV	-10.90	-0.0029	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-21.50	-0.0057	>=-2.5 & <=2.5	Pass
				HV	-19.60	-0.0052	>=-2.5 & <=2.5	Pass
			-30	NV	-24.00	-0.0064	>=-2.5 & <=2.5	Pass
			-20	NV	-10.50	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-38.90	-0.0104	>=-2.5 & <=2.5	Pass
			0	NV	-17.70	-0.0047	>=-2.5 & <=2.5	Pass
			10	NV	-22.40	-0.0060	>=-2.5 & <=2.5	Pass
			20	NV	-16.30	-0.0043	>=-2.5 & <=2.5	Pass
			30	NV	-12.30	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-19.60	-0.0052	>=-2.5 & <=2.5	Pass
			50	NV	-28.70	-0.0077	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-20.40	-0.0054	>=-2.5 & <=2.5	Pass
				HV	-15.30	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-22.60	-0.0060	>=-2.5 & <=2.5	Pass
			-20	NV	-17.50	-0.0047	>=-2.5 & <=2.5	Pass
			-10	NV	-19.60	-0.0052	>=-2.5 & <=2.5	Pass
			0	NV	4.50	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-28.10	-0.0075	>=-2.5 & <=2.5	Pass
			20	NV	-11.80	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-26.10	-0.0070	>=-2.5 & <=2.5	Pass
			40	NV	-28.40	-0.0076	>=-2.5 & <=2.5	Pass
			50	NV	-22.00	-0.0059	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-13.80	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-31.20	-0.0083	>=-2.5 & <=2.5	Pass
			-30	NV	-23.60	-0.0063	>=-2.5 & <=2.5	Pass
			-20	NV	-15.70	-0.0042	>=-2.5 & <=2.5	Pass
			-10	NV	-27.30	-0.0073	>=-2.5 & <=2.5	Pass

			0	NV	-23.80	-0.0063	>=-2.5 & <=2.5	Pass
			10	NV	-14.30	-0.0038	>=-2.5 & <=2.5	Pass
			20	NV	-5.80	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-20.20	-0.0054	>=-2.5 & <=2.5	Pass
			40	NV	-20.60	-0.0055	>=-2.5 & <=2.5	Pass
			50	NV	-26.60	-0.0071	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-14.00	-0.0037	>=-2.5 & <=2.5	Pass
				HV	5.40	0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-17.20	-0.0046	>=-2.5 & <=2.5	Pass
			-20	NV	-22.30	-0.0059	>=-2.5 & <=2.5	Pass
			-10	NV	-2.70	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-33.60	-0.0090	>=-2.5 & <=2.5	Pass
			10	NV	-19.60	-0.0052	>=-2.5 & <=2.5	Pass
			20	NV	-21.60	-0.0058	>=-2.5 & <=2.5	Pass
			30	NV	-26.80	-0.0071	>=-2.5 & <=2.5	Pass
			40	NV	-20.10	-0.0054	>=-2.5 & <=2.5	Pass
			50	NV	-16.40	-0.0044	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

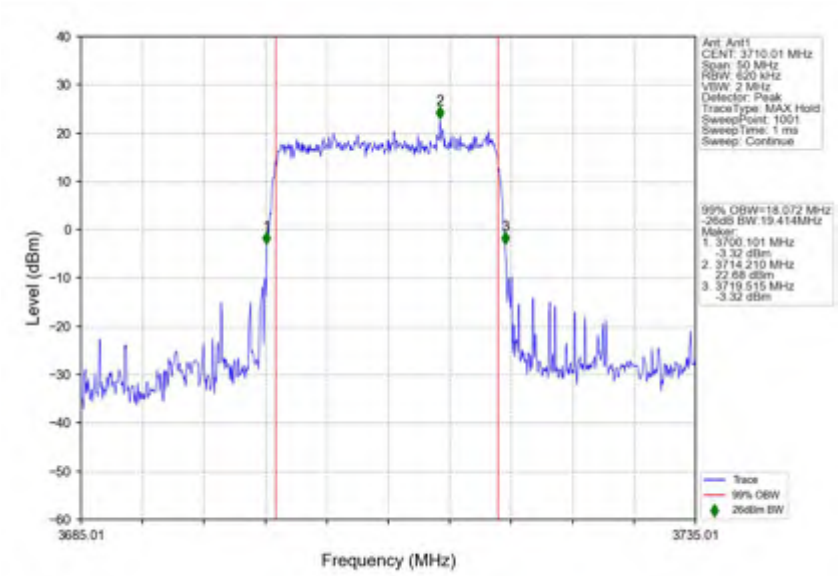
3.1 30k_SISO_20MHz_NTNV

3.1.1 Test Result

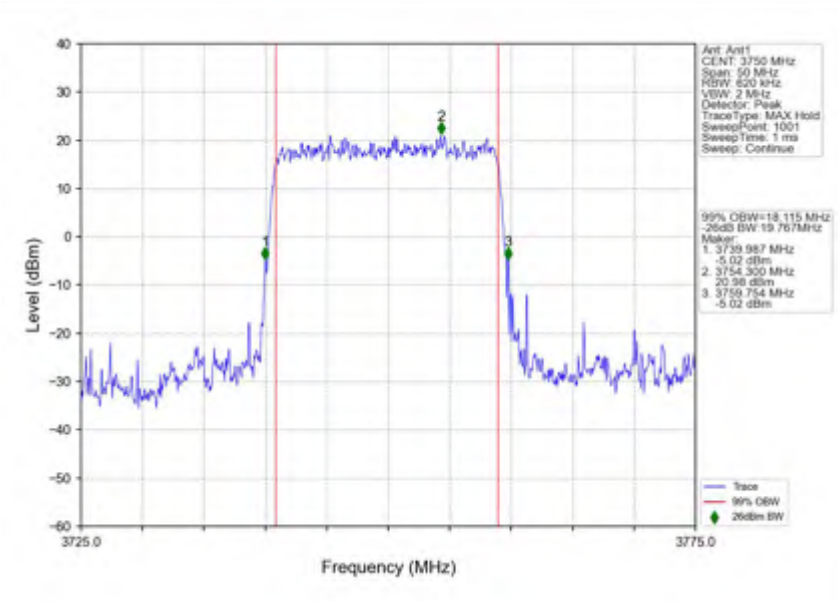
5G NR n78(3700-3800MHz) SCS=30kHz SISO 20MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3710.01	Outer_Full	18.07	19.41	/	Pass
	3750	Outer_Full	18.11	19.77	/	Pass
	3789.99	Outer_Full	18.13	19.45	/	Pass
DFT-s-OFDM QPSK	3710.01	Outer_Full	18.10	19.61	/	Pass
	3750	Outer_Full	18.10	19.99	/	Pass
	3789.99	Outer_Full	18.10	19.63	/	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer_Full	18.14	19.51	/	Pass
	3750	Outer_Full	18.08	19.58	/	Pass
	3789.99	Outer_Full	18.16	19.78	/	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	18.08	19.39	/	Pass
	3750	Outer_Full	18.04	19.47	/	Pass
	3789.99	Outer_Full	18.06	19.49	/	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer_Full	18.09	19.42	/	Pass
	3750	Outer_Full	18.18	19.31	/	Pass
	3789.99	Outer_Full	18.05	19.51	/	Pass
CP-OFDM QPSK	3710.01	Outer_Full	18.36	19.75	/	Pass
	3750	Outer_Full	18.31	19.80	/	Pass
	3789.99	Outer_Full	18.38	19.69	/	Pass
CP-OFDM 16 QAM	3710.01	Outer_Full	18.34	20.10	/	Pass
	3750	Outer_Full	18.38	19.99	/	Pass
	3789.99	Outer_Full	18.34	19.70	/	Pass
CP-OFDM 64 QAM	3710.01	Outer_Full	18.35	20.14	/	Pass
	3750	Outer_Full	18.41	19.93	/	Pass
	3789.99	Outer_Full	18.45	19.97	/	Pass
CP-OFDM 256 QAM	3710.01	Outer_Full	18.31	19.80	/	Pass
	3750	Outer_Full	18.35	19.97	/	Pass
	3789.99	Outer_Full	18.46	19.86	/	Pass

3.1.2 Test Graph

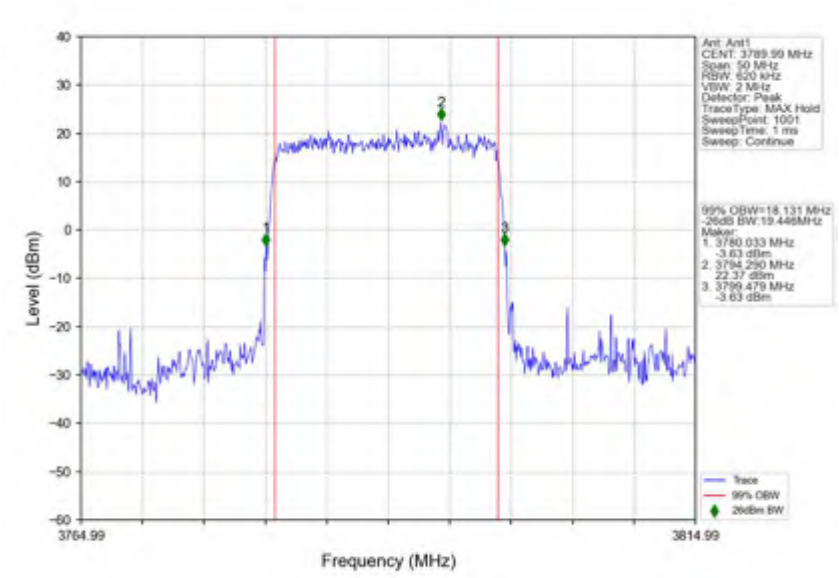
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3710.01MHz_Outer_Full



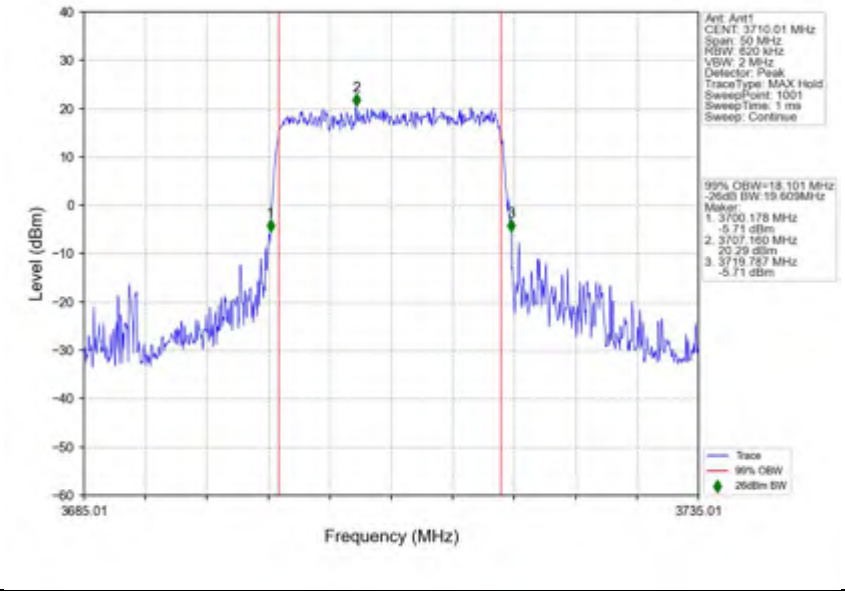
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full



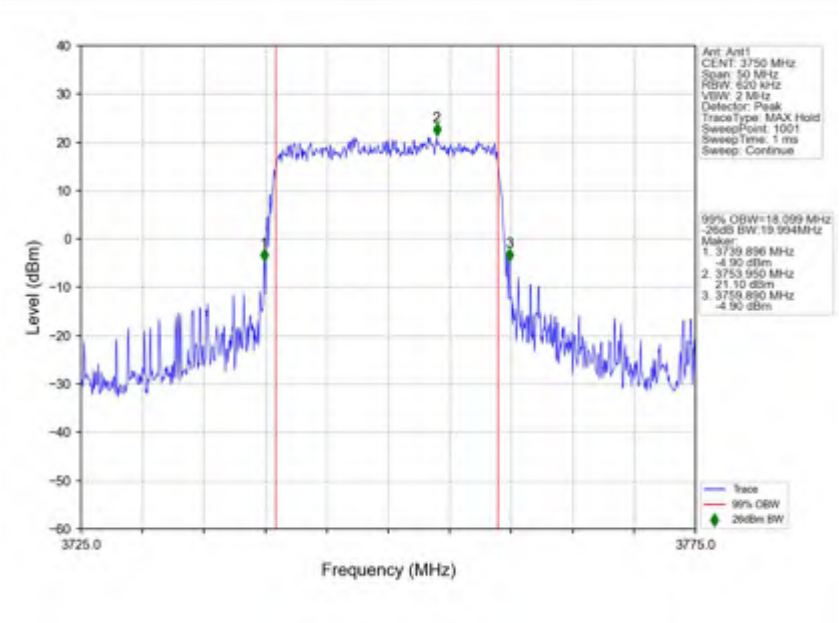
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3789.99MHz_Outer_Full



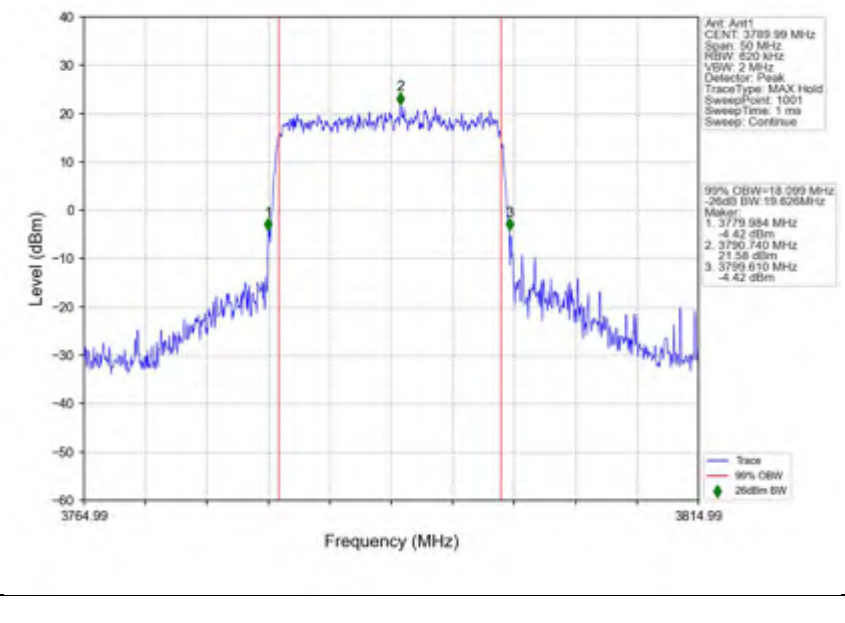
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3710.01MHz_Outer_Full



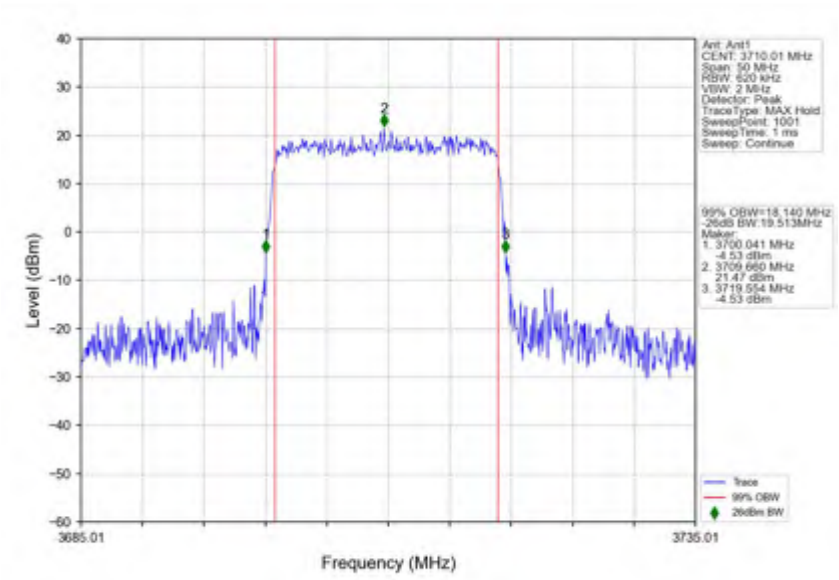
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full



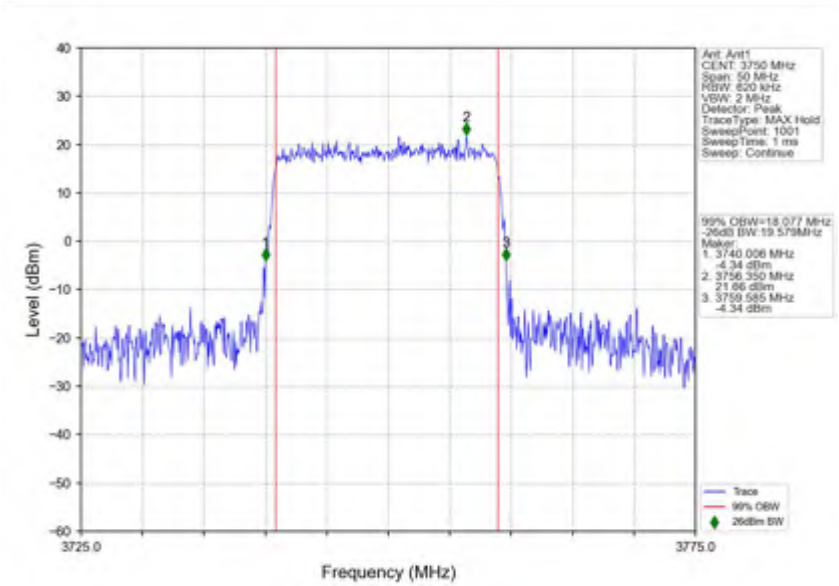
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3789.99MHz_Outer_Full



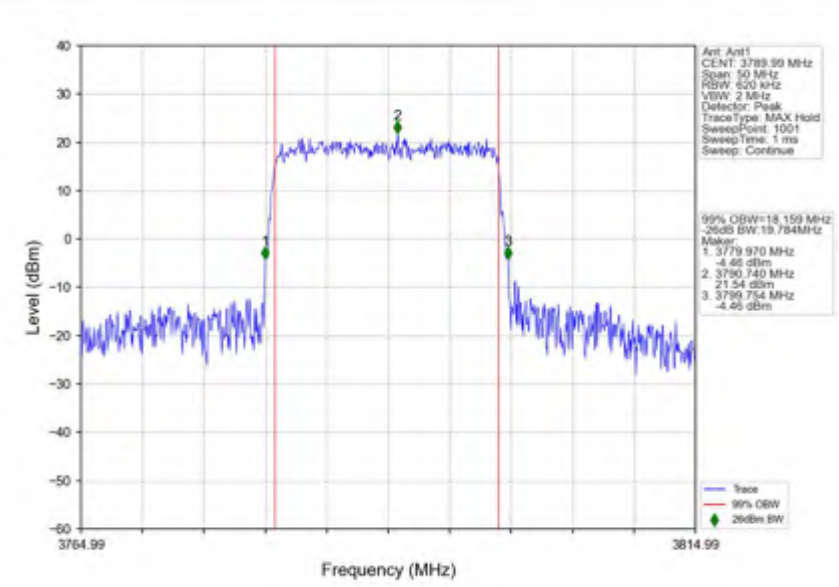
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3710.01MHz_Outer_Full



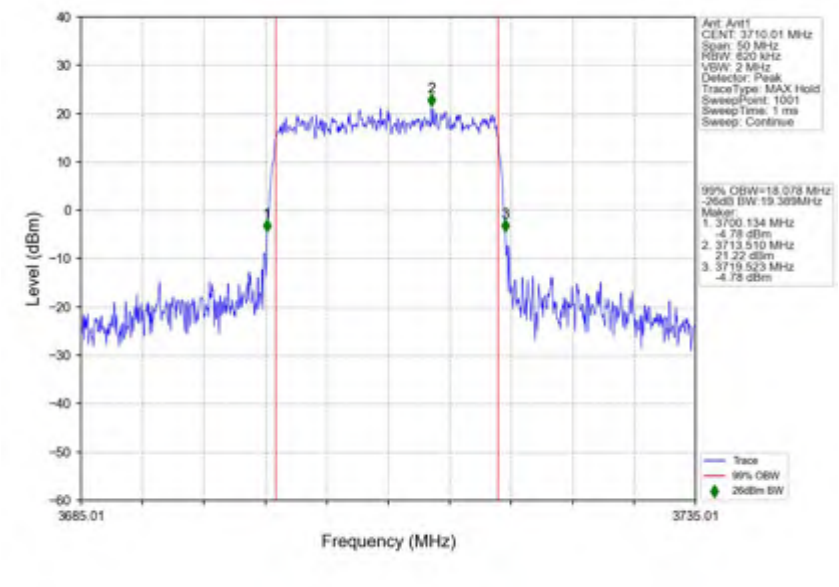
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3750MHz_Outer_Full



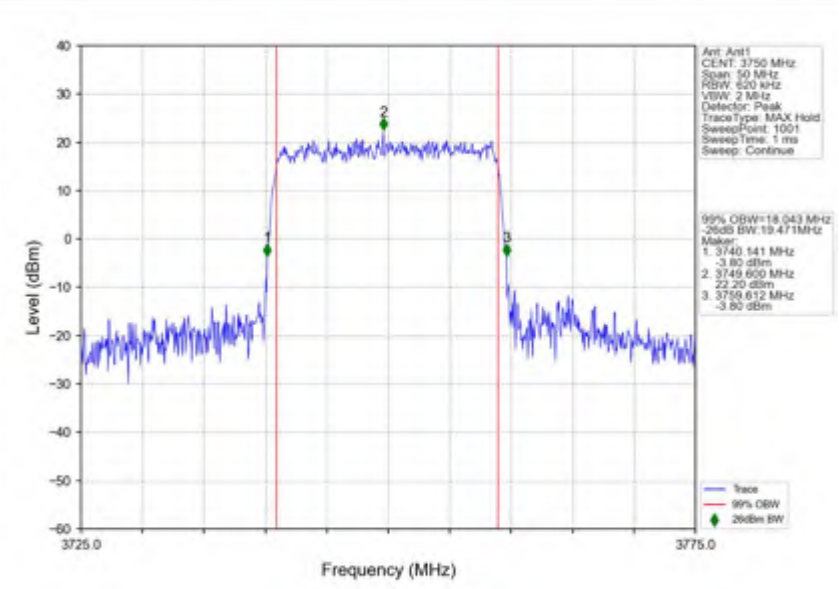
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3789.99MHz_Outer_Full



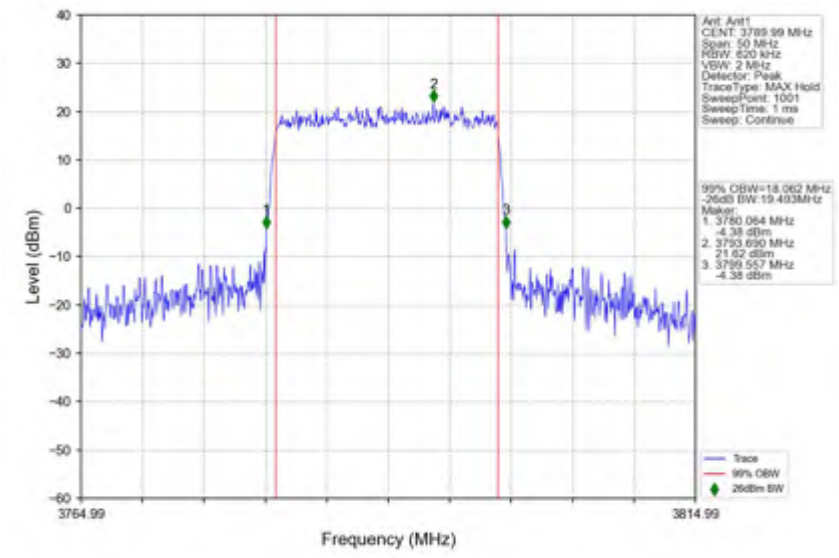
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3710.01MHz_Outer_Full



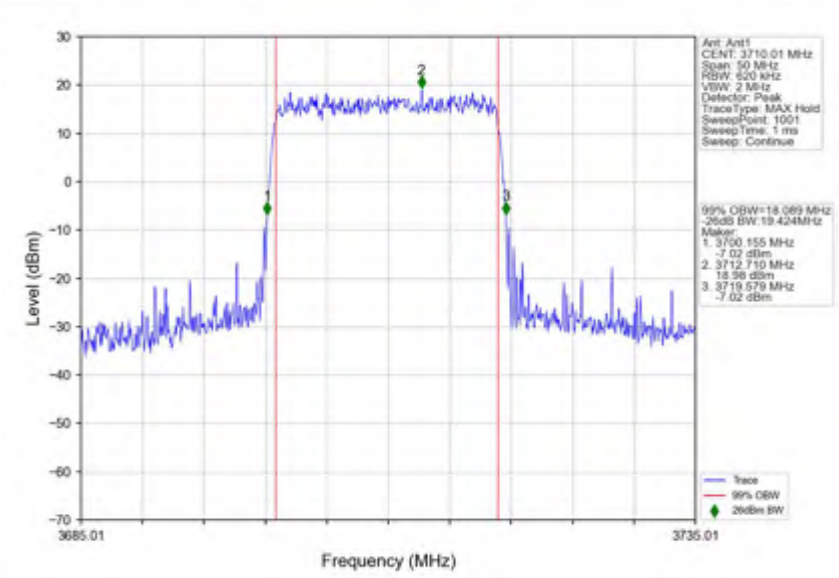
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3750MHz_Outer_Full



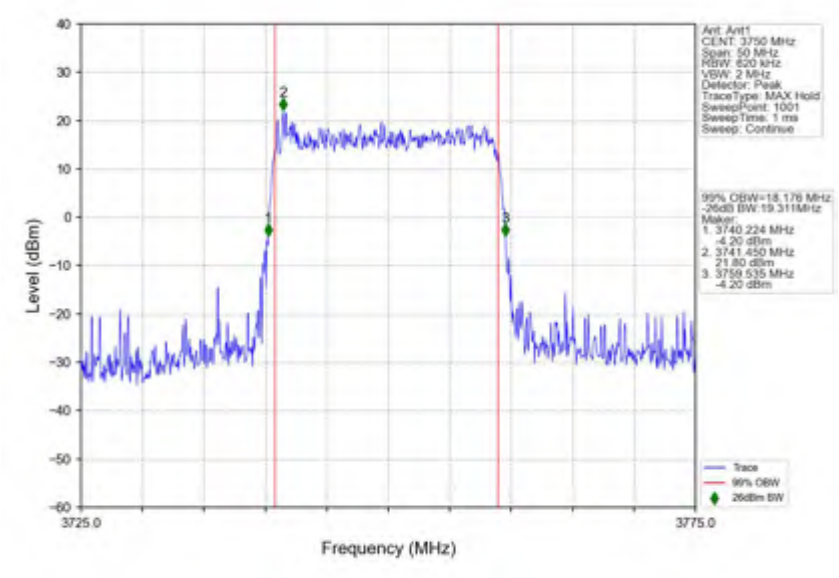
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3789.99MHz_Outer_Full



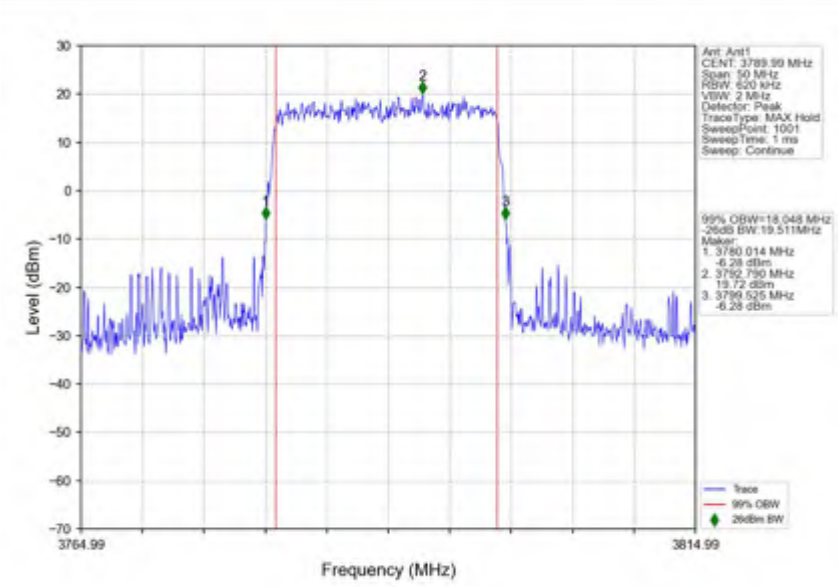
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3710.01MHz_Outer_Full



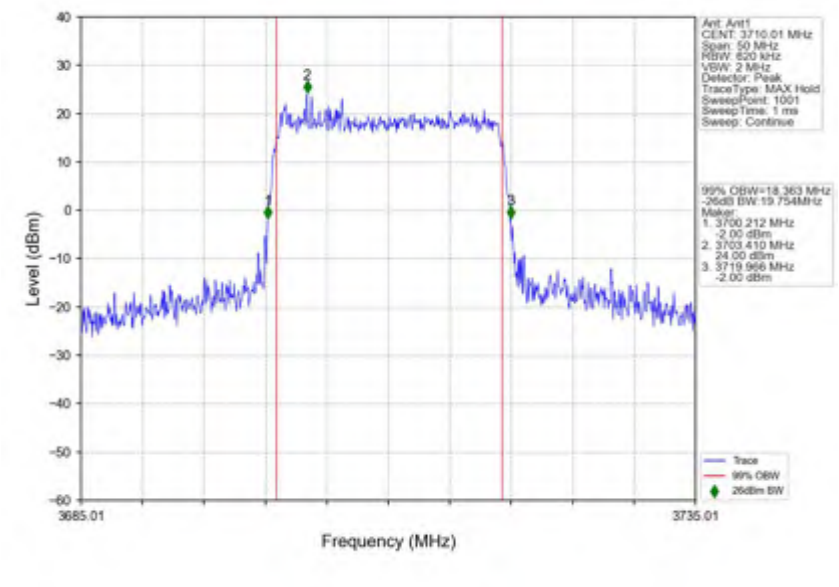
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3750MHz_Outer_Full



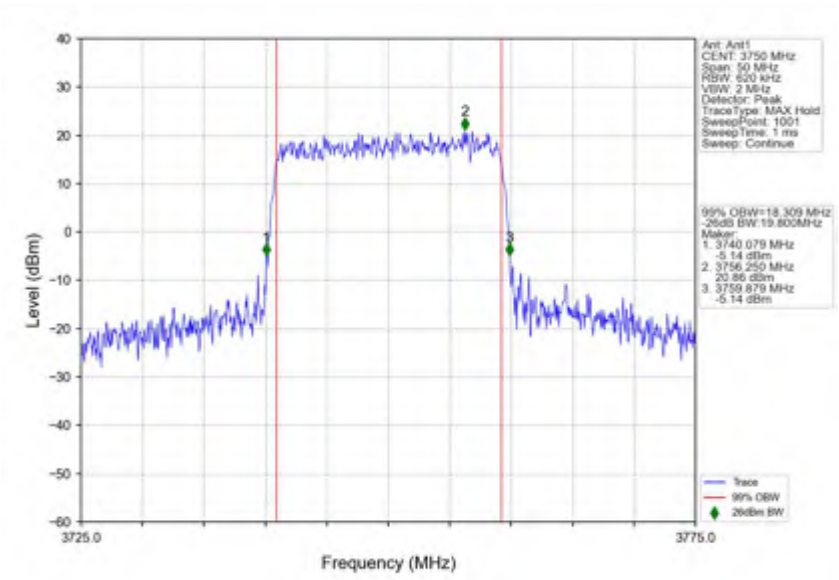
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3789.99MHz_Outer_Full



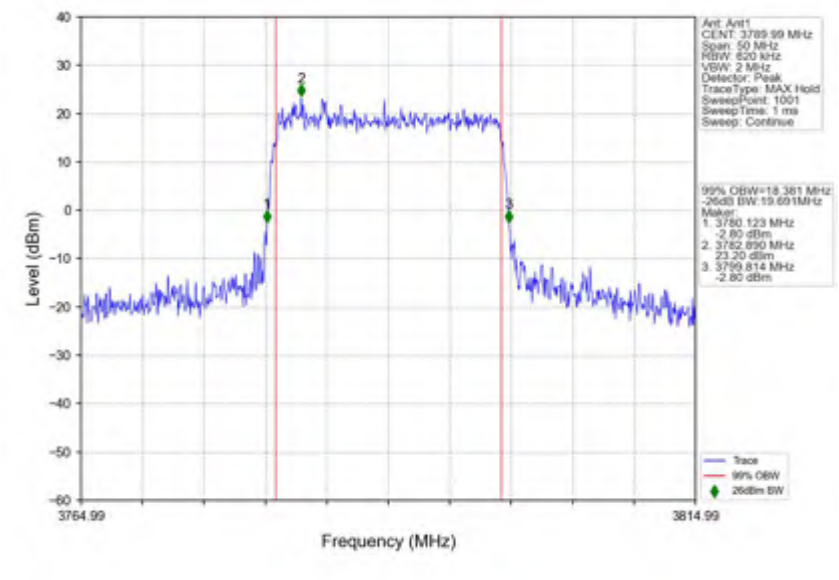
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3710.01MHz_Outer_Full



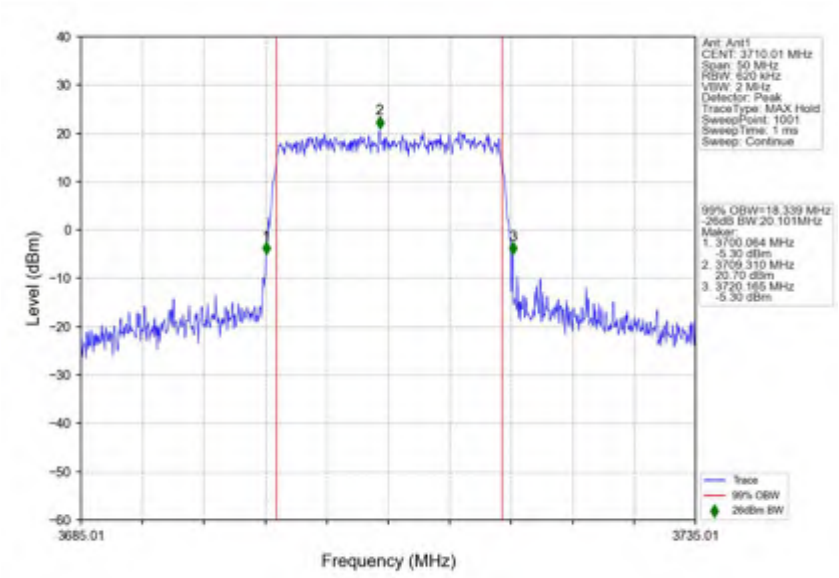
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3750MHz_Outer_Full



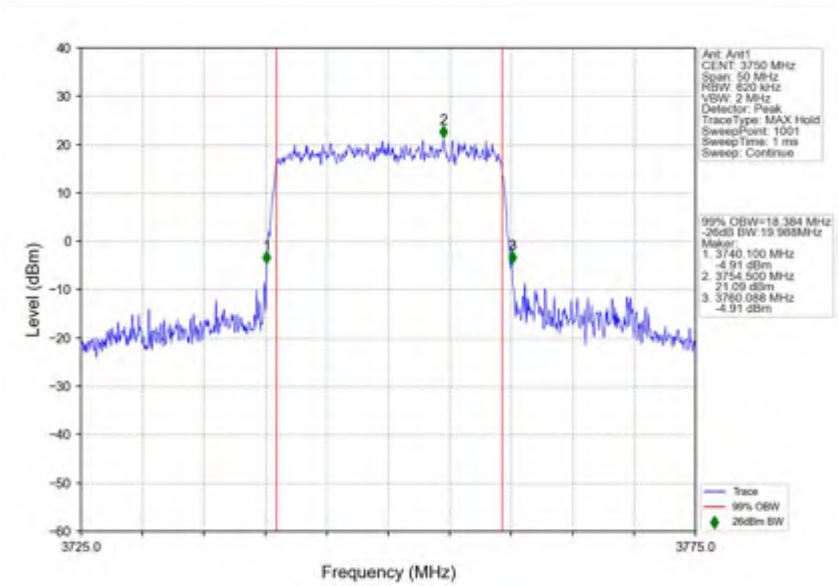
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3789.99MHz_Outer_Full



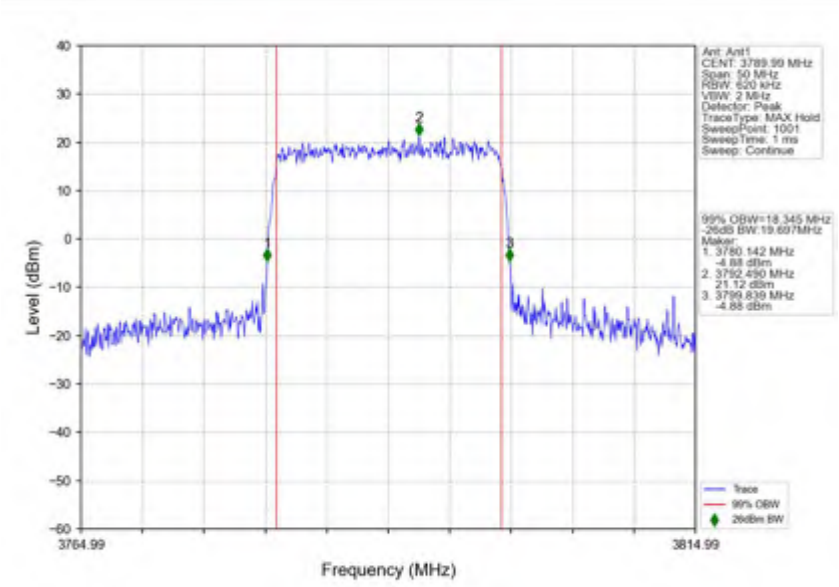
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3710.01MHz_Outer_Full



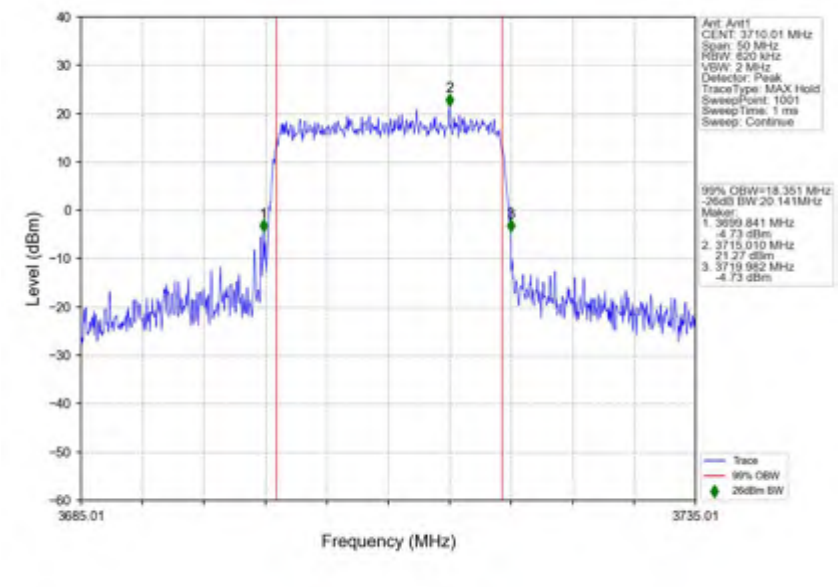
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3750MHz_Outer_Full



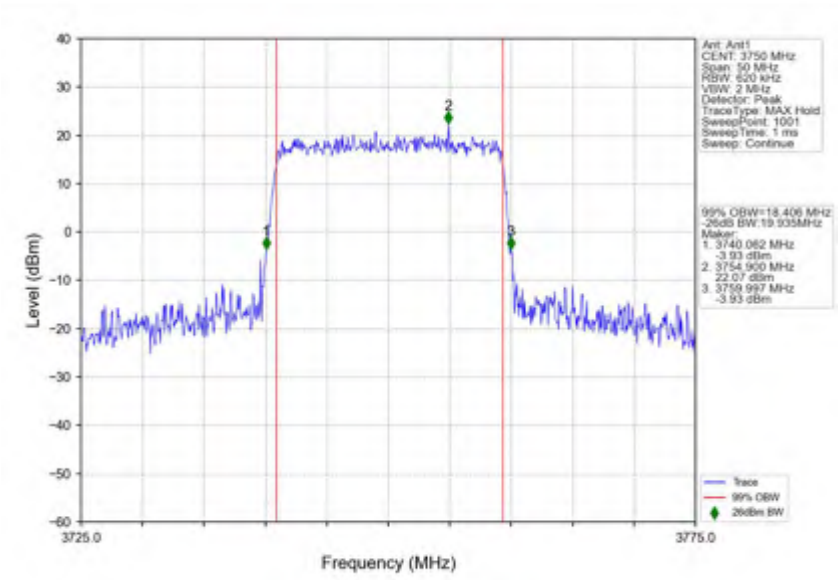
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3789.99MHz_Outer_Full



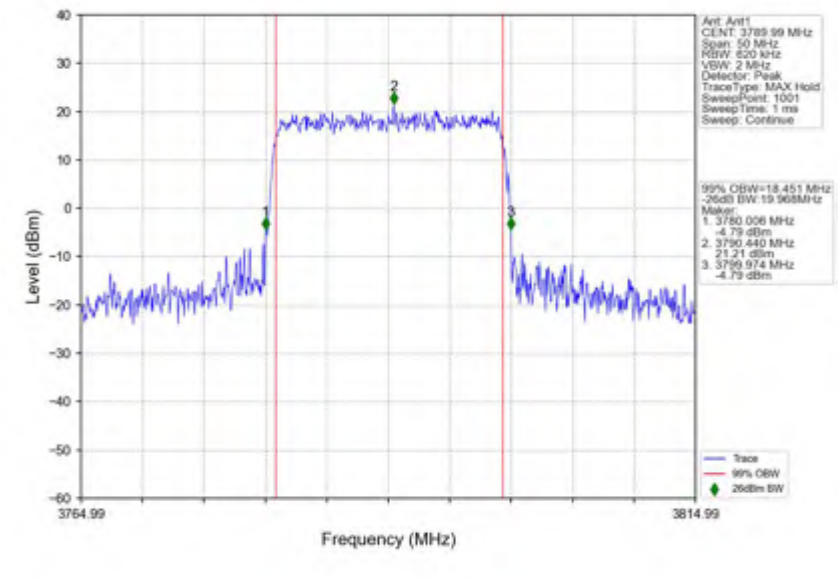
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3710.01MHz_Outer_Full



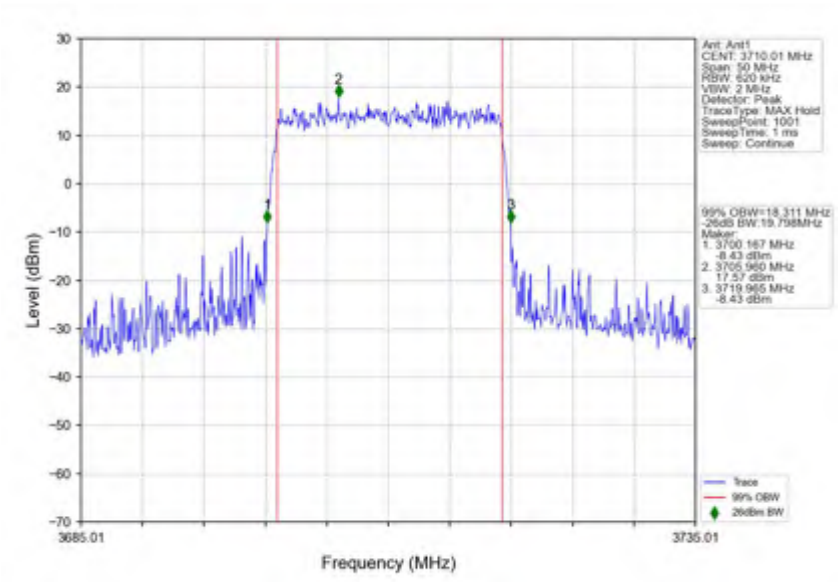
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3750MHz_Outer_Full



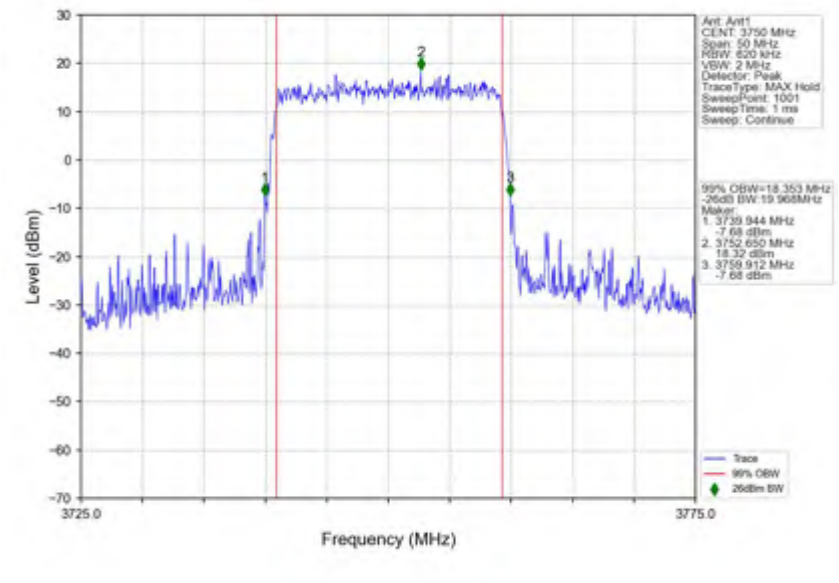
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3789.99MHz_Outer_Full



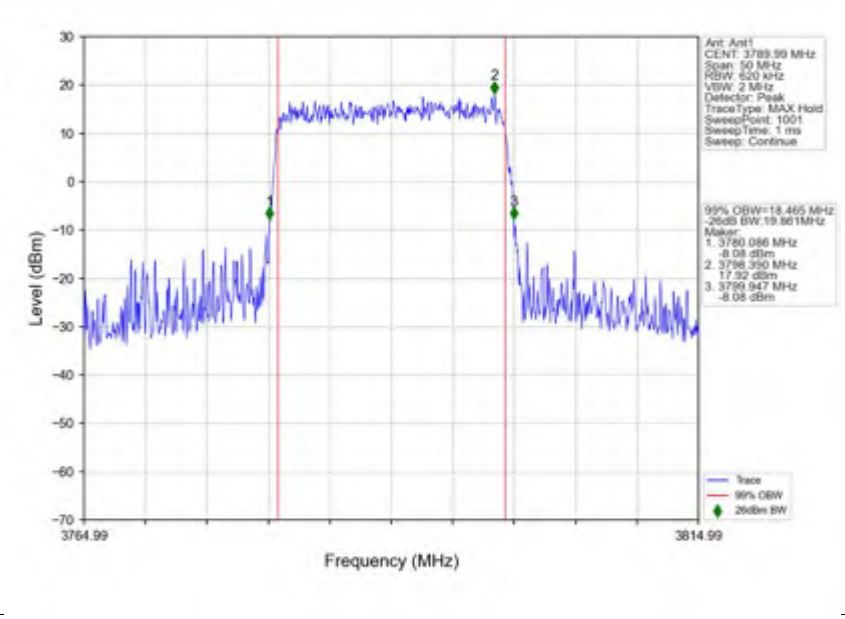
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3710.01MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3750MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3789.99MHz_Outer_Full



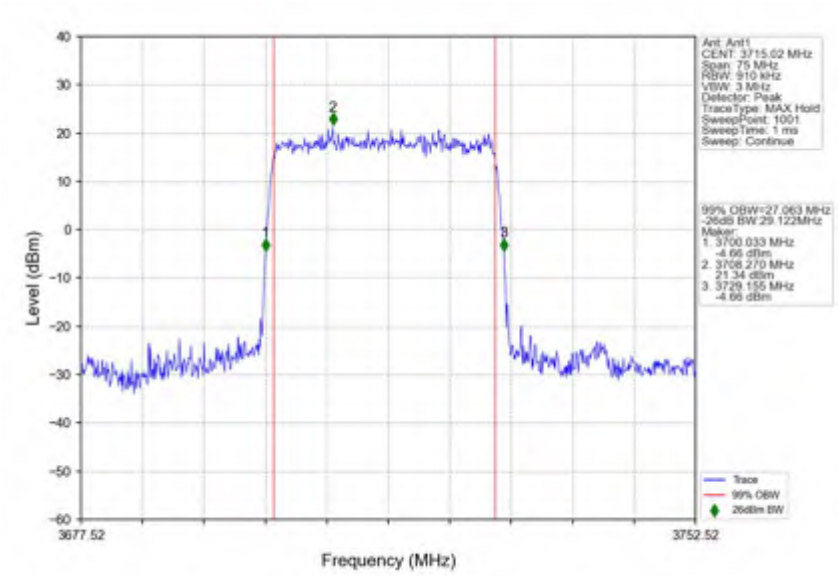
3.2 30k_SISO_30MHz_NTNV

3.2.1 Test Result

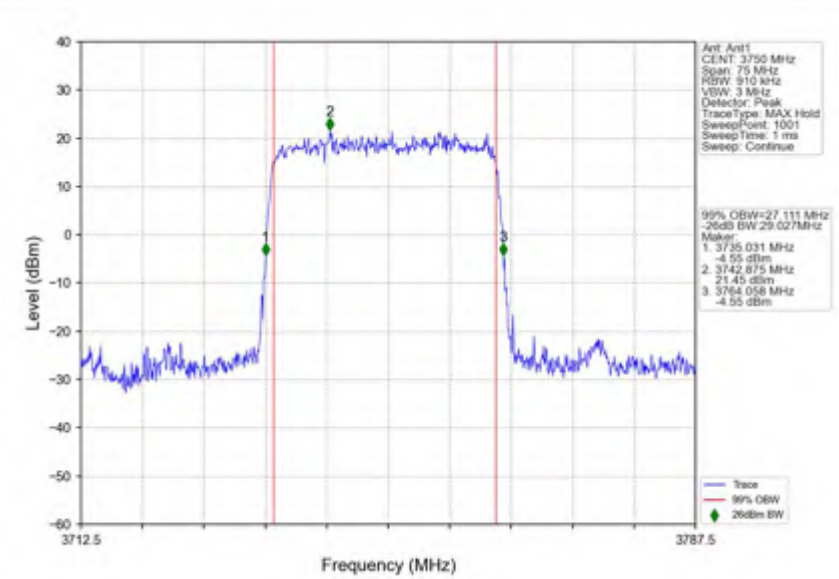
5G NR n78(3700-3800MHz) SCS=30kHz SISO 30MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3715.02	Outer_Full	27.06	29.12	/	Pass
	3750	Outer_Full	27.11	29.03	/	Pass
	3784.98	Outer_Full	27.08	28.99	/	Pass
DFT-s-OFDM QPSK	3715.02	Outer_Full	27.04	29.03	/	Pass
	3750	Outer_Full	27.16	29.03	/	Pass
	3784.98	Outer_Full	27.11	29.10	/	Pass
DFT-s-OFDM 16 QAM	3715.02	Outer_Full	27.02	29.21	/	Pass
	3750	Outer_Full	27.04	29.04	/	Pass
	3784.98	Outer_Full	27.04	29.11	/	Pass
DFT-s-OFDM 64 QAM	3715.02	Outer_Full	27.14	29.20	/	Pass
	3750	Outer_Full	27.09	29.16	/	Pass
	3784.98	Outer_Full	27.05	28.96	/	Pass
DFT-s-OFDM 256 QAM	3715.02	Outer_Full	27.08	28.87	/	Pass
	3750	Outer_Full	27.08	29.02	/	Pass
	3784.98	Outer_Full	26.99	29.05	/	Pass
CP-OFDM QPSK	3715.02	Outer_Full	28.04	29.97	/	Pass
	3750	Outer_Full	27.98	29.79	/	Pass
	3784.98	Outer_Full	28.24	29.84	/	Pass
CP-OFDM 16 QAM	3715.02	Outer_Full	28.14	30.07	/	Pass
	3750	Outer_Full	28.08	30.37	/	Pass
	3784.98	Outer_Full	28.19	30.20	/	Pass
CP-OFDM 64 QAM	3715.02	Outer_Full	28.10	30.10	/	Pass
	3750	Outer_Full	28.13	30.11	/	Pass
	3784.98	Outer_Full	28.11	30.10	/	Pass
CP-OFDM 256 QAM	3715.02	Outer_Full	28.16	35.10	/	Pass
	3750	Outer_Full	28.17	33.43	/	Pass
	3784.98	Outer_Full	28.14	35.42	/	Pass

3.2.2 Test Graph

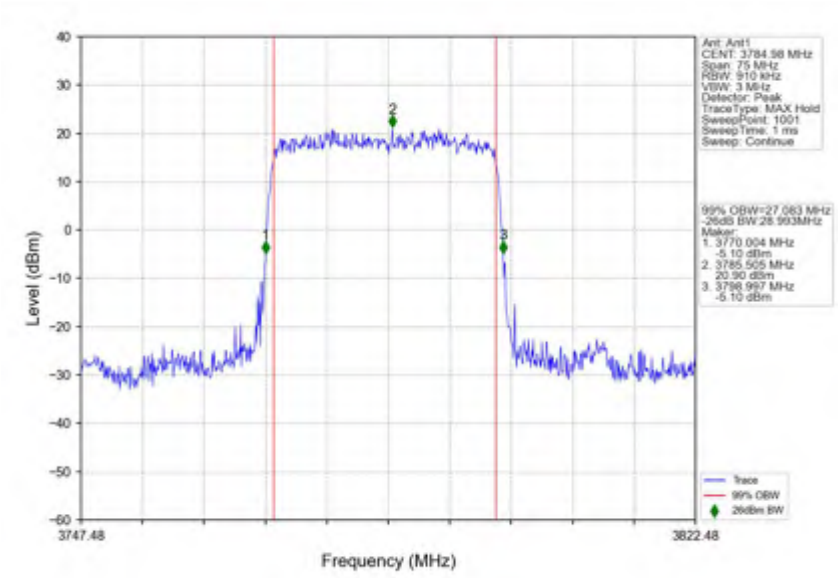
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3715.02MHz_Outer_Full



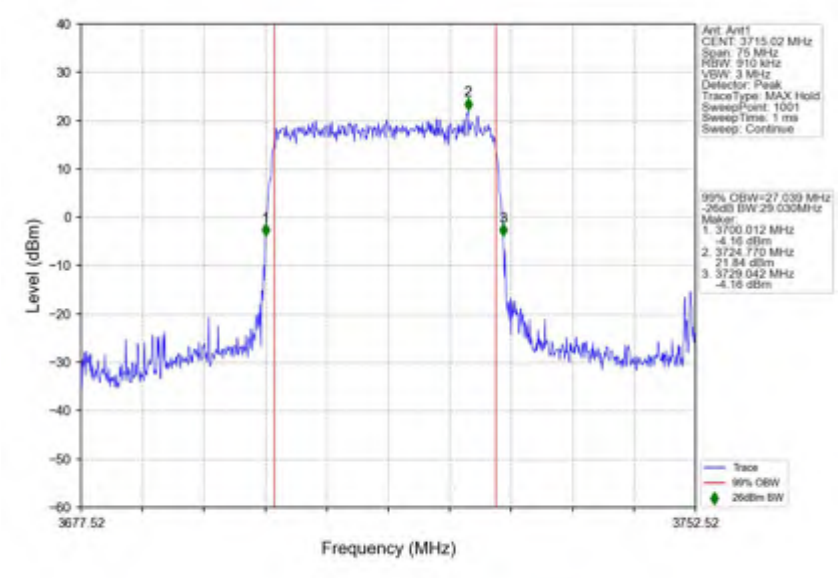
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full



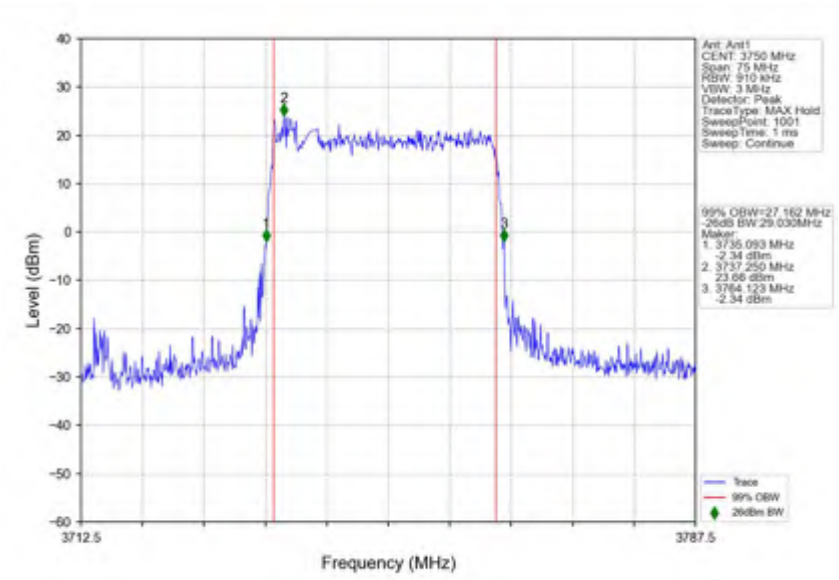
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3784.98MHz_Outer_Full



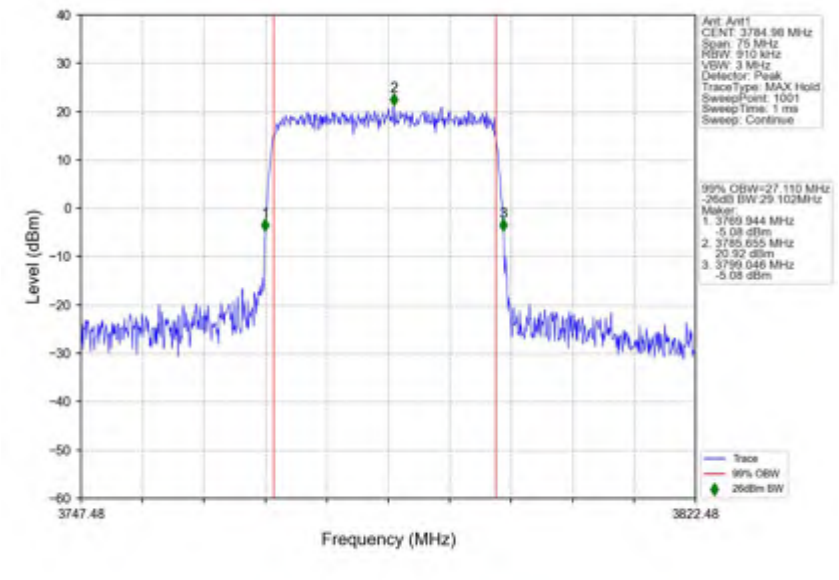
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3715.02MHz_Outer_Full



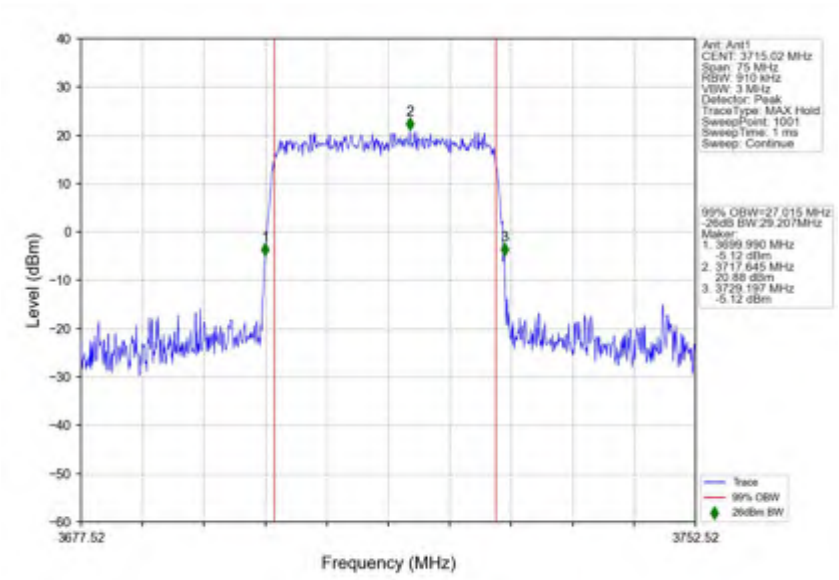
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full



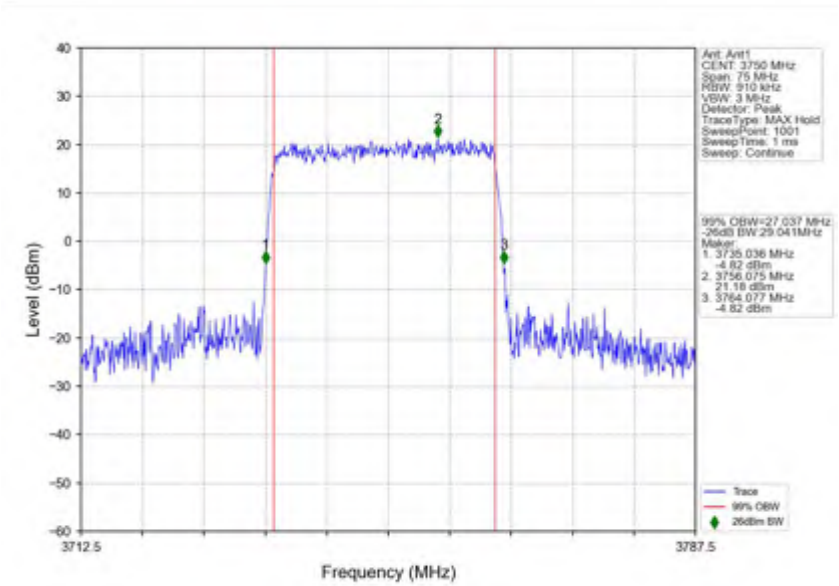
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3784.98MHz_Outer_Full



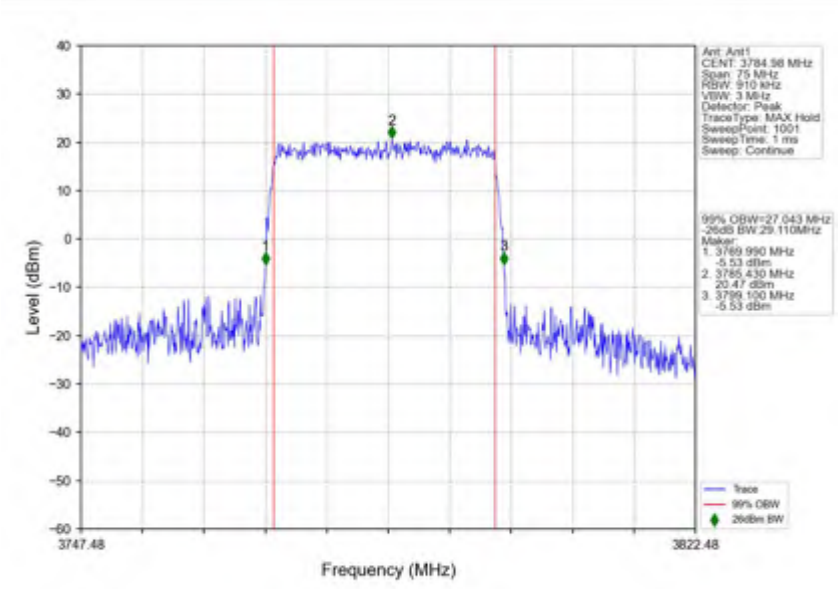
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3715.02MHz_Outer_Full



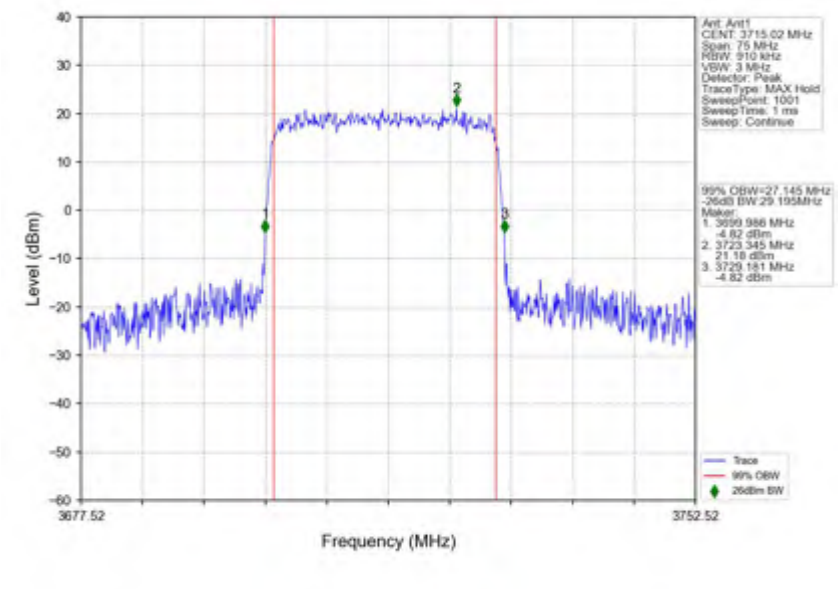
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3750MHz_Outer_Full



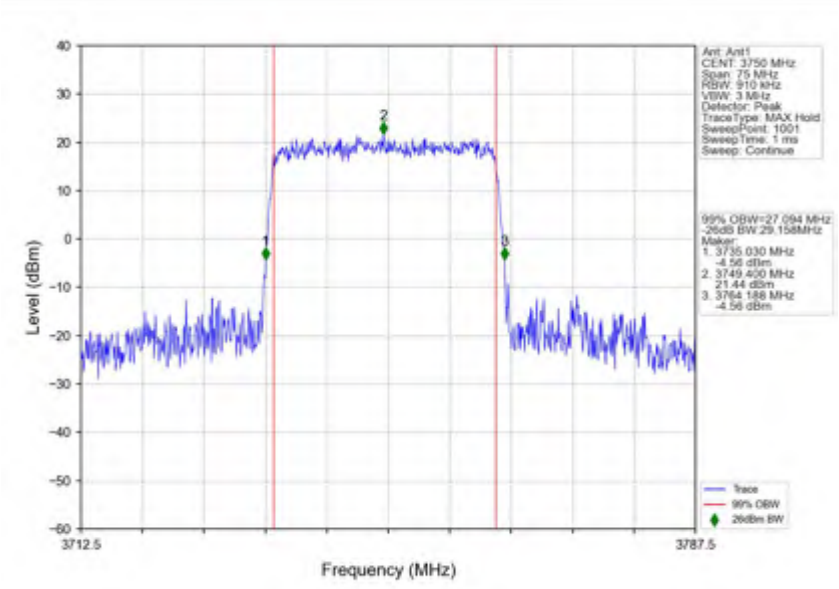
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3784.98MHz_Outer_Full



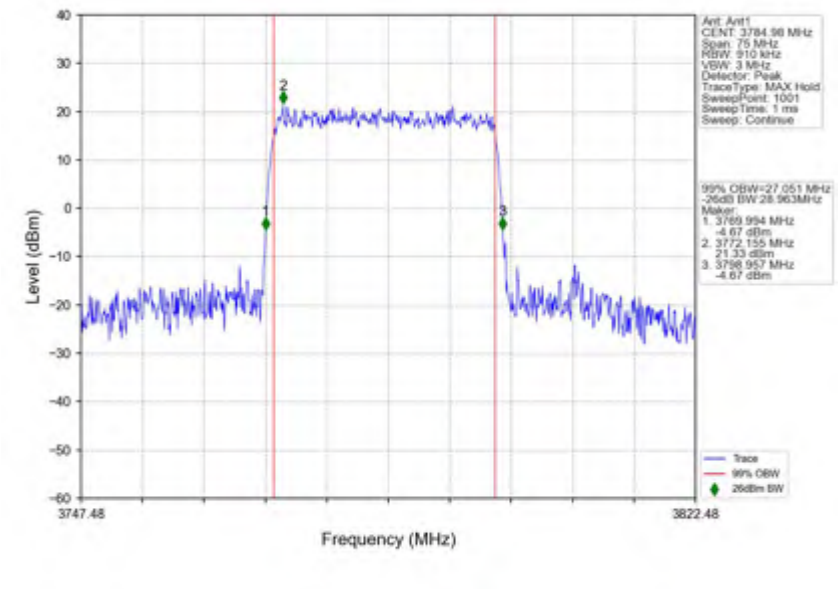
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3715.02MHz_Outer_Full



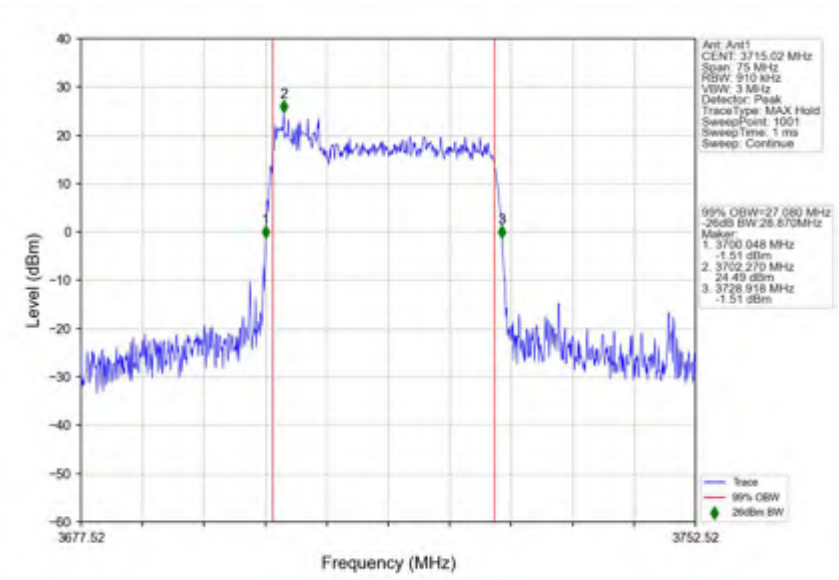
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3750MHz_Outer_Full



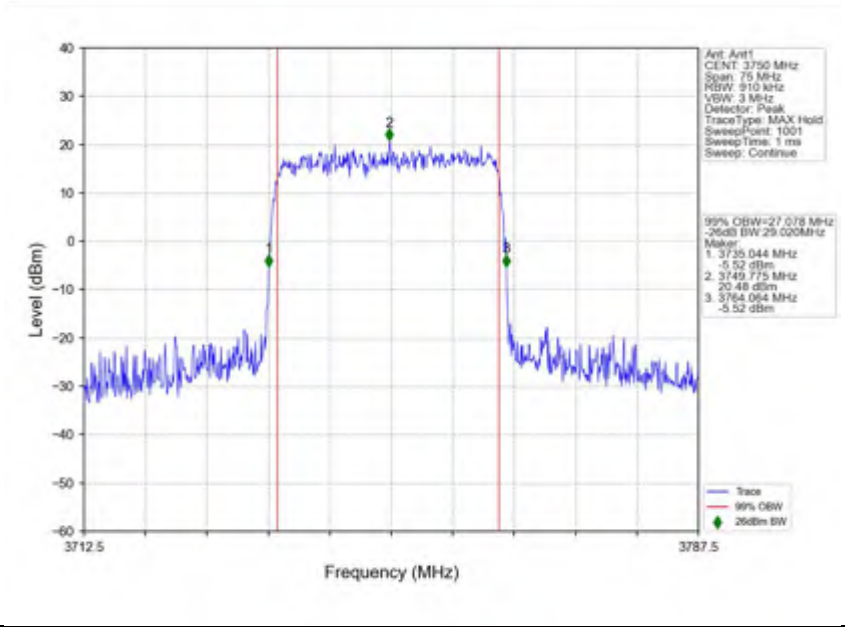
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3784.98MHz_Outer_Full



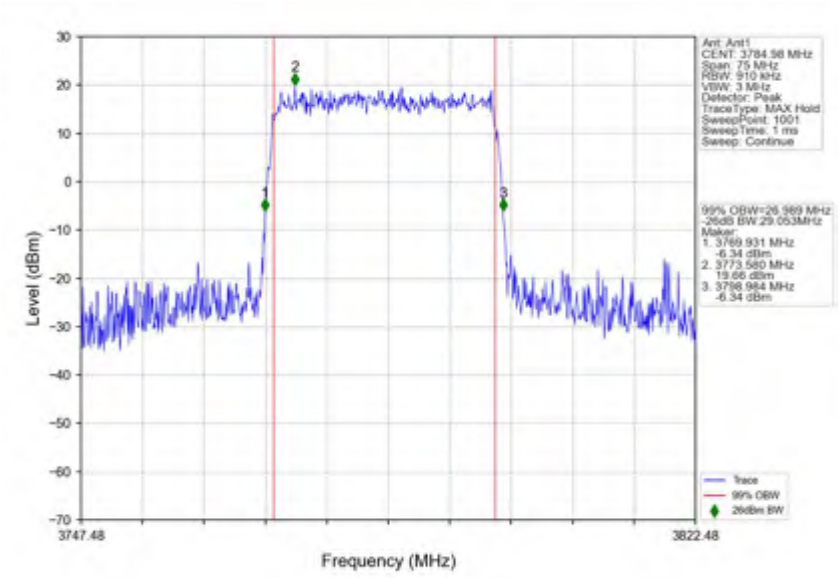
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3715.02MHz_Outer_Full



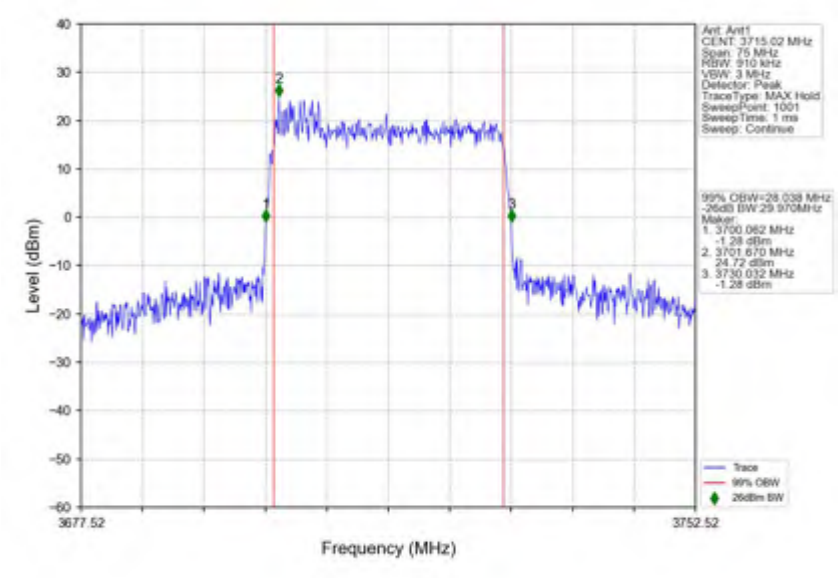
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3750MHz_Outer_Full



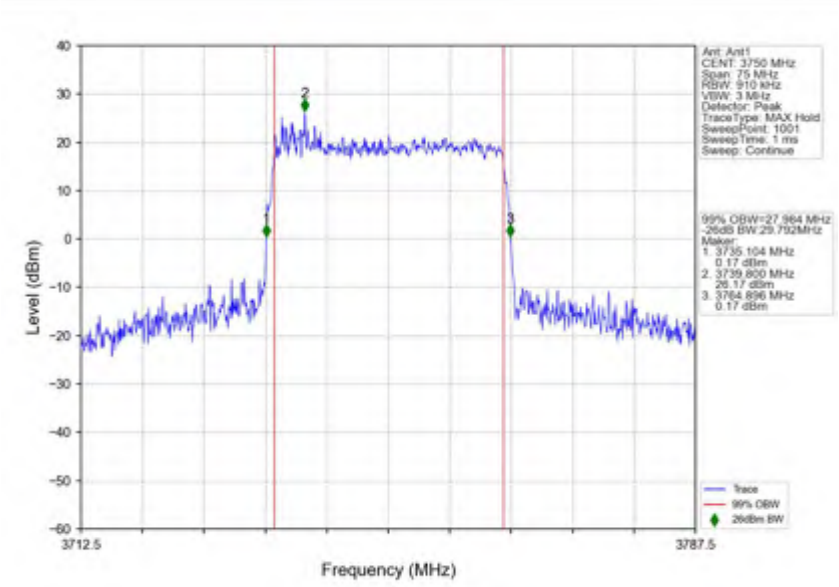
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3784.98MHz_Outer_Full



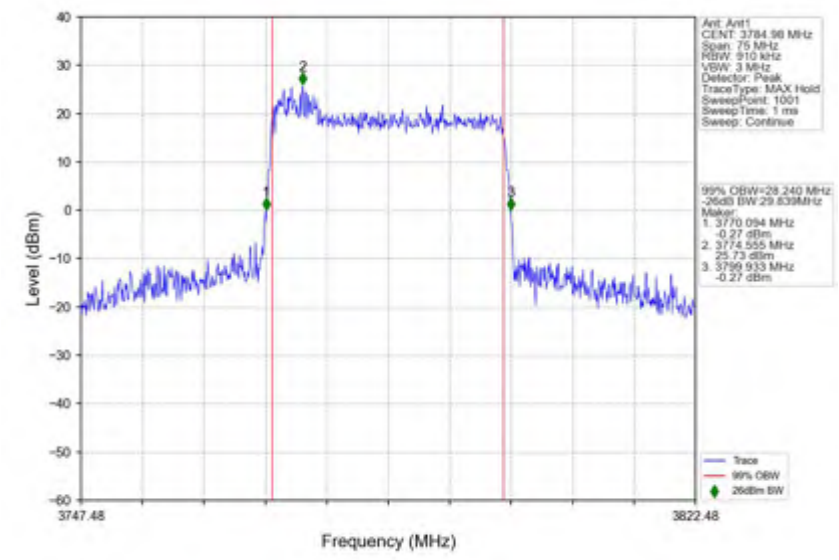
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3715.02MHz_Outer_Full



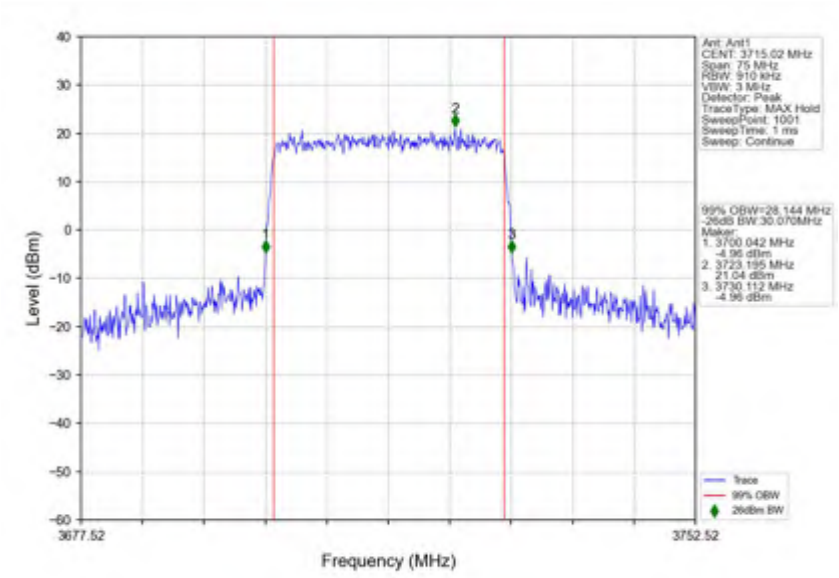
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3750MHz_Outer_Full



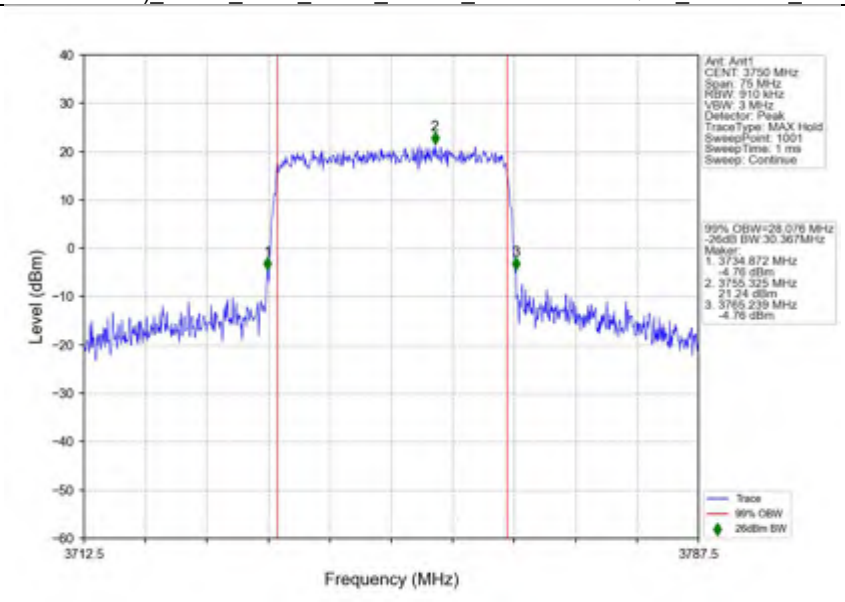
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3784.98MHz_Outer_Full



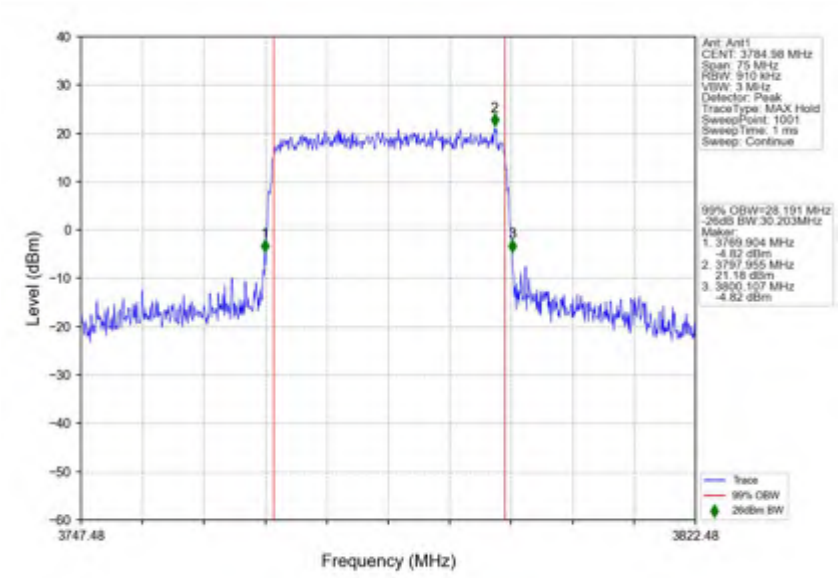
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_3715.02MHz_Outer_Full



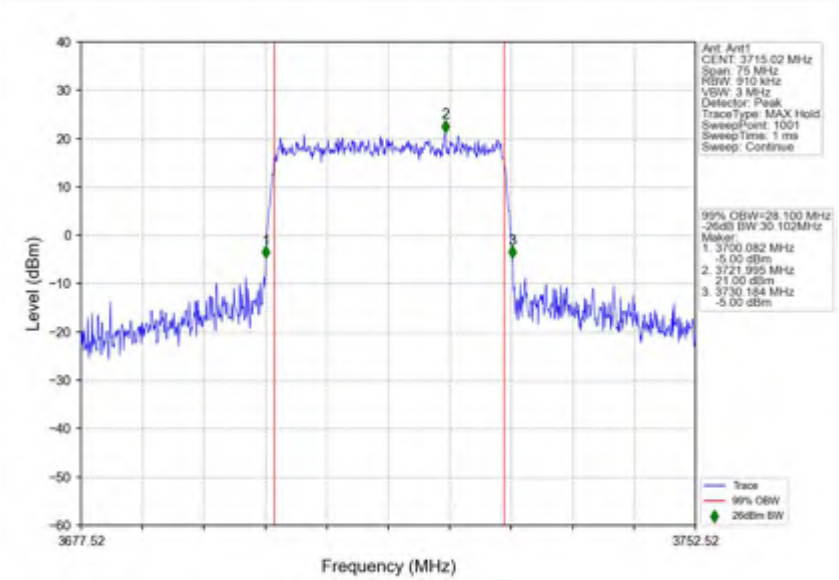
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_3750MHz_Outer_Full



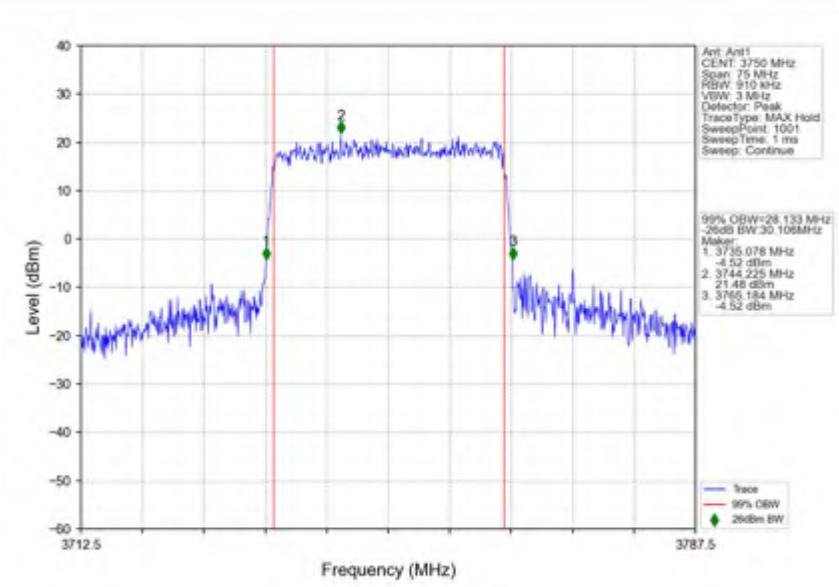
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_3784.98MHz_Outer_Full



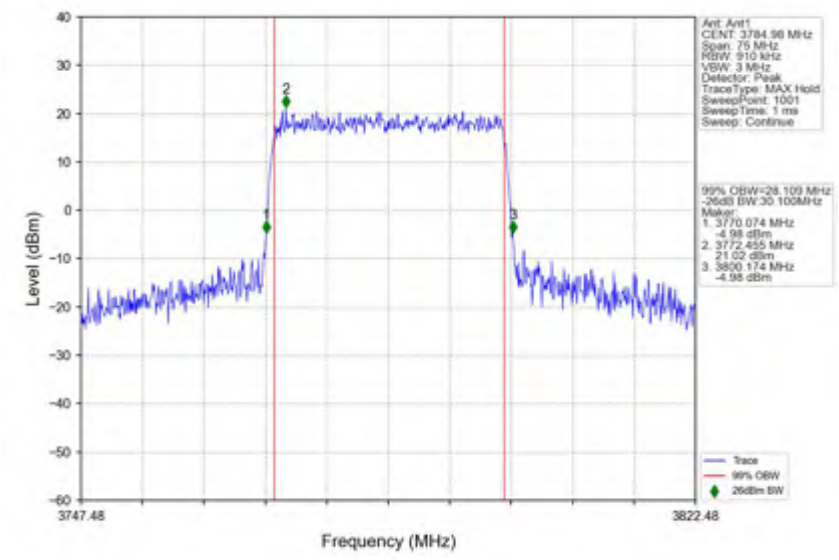
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3715.02MHz_Outer_Full



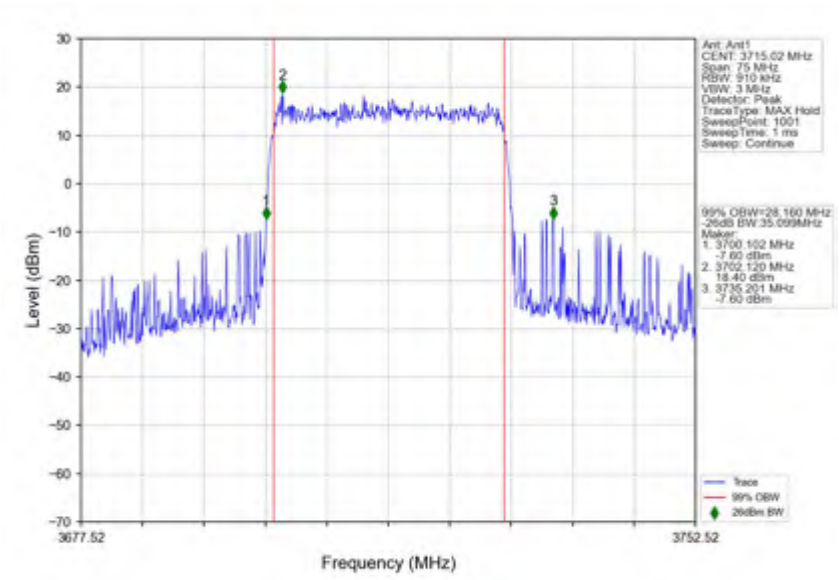
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3750MHz_Outer_Full



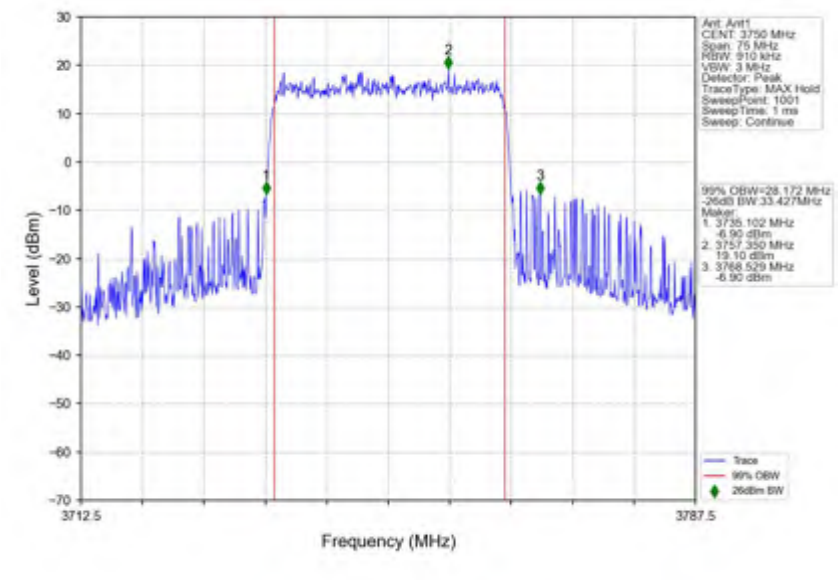
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3784.98MHz_Outer_Full



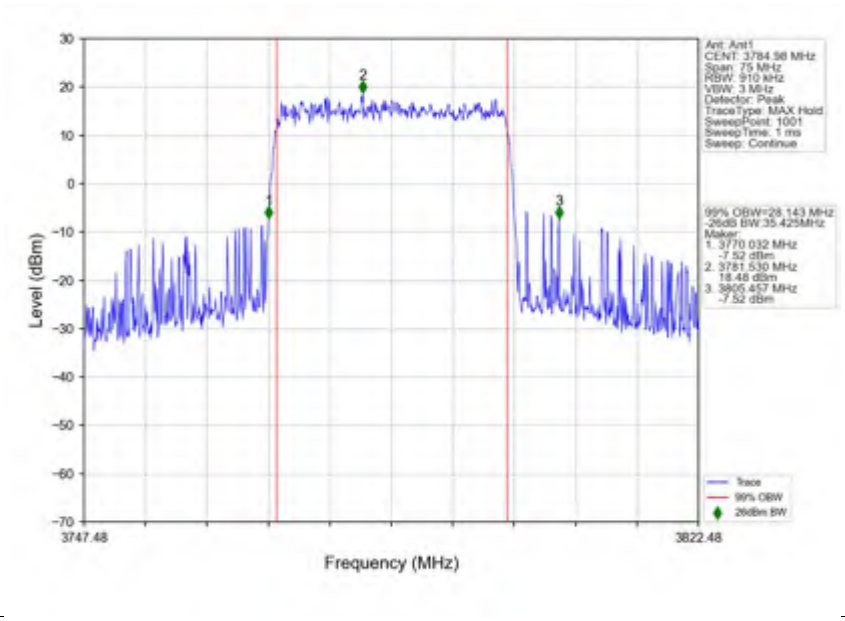
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3715.02MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3750MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3784.98MHz_Outer_Full



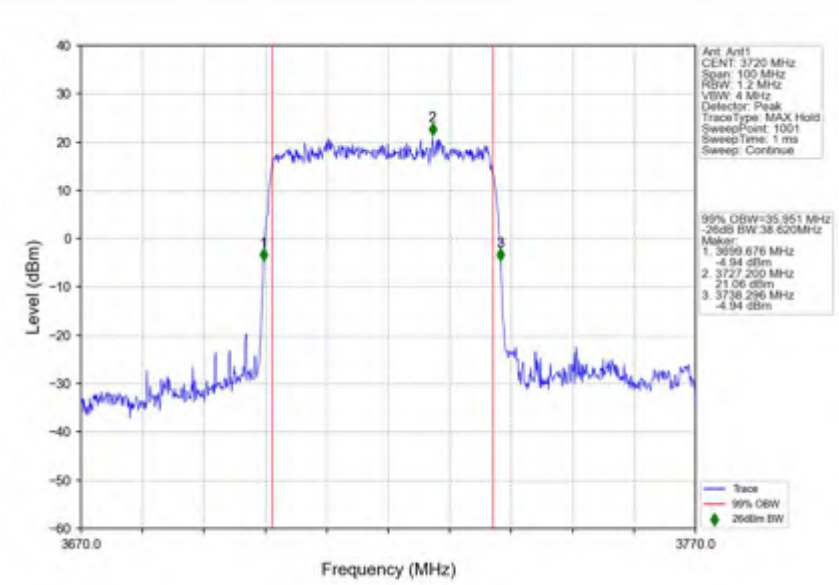
3.3 30k_SISO_40MHz_NTNV

3.3.1 Test Result

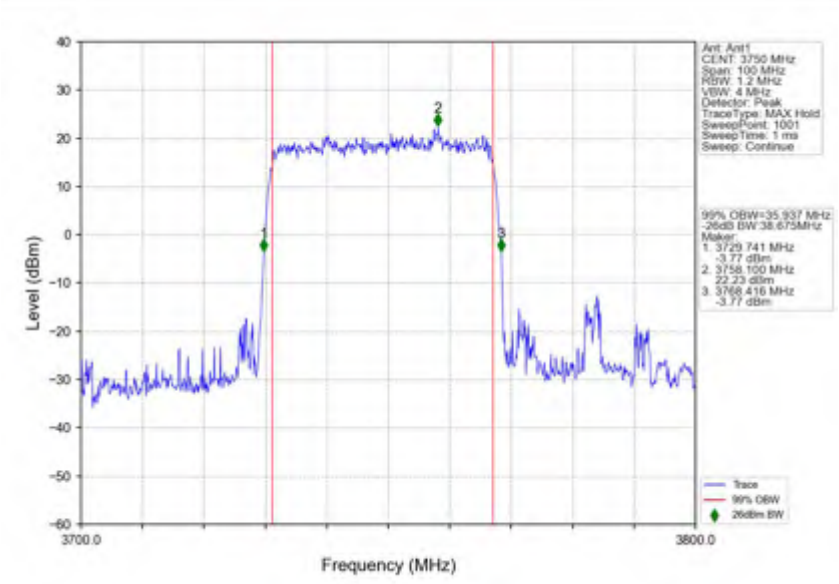
5G NR n78(3700-3800MHz) SCS=30kHz SISO 40MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3720	Outer_Full	35.95	38.62	/	Pass
	3750	Outer_Full	35.94	38.67	/	Pass
	3780	Outer_Full	35.98	38.63	/	Pass
DFT-s-OFDM QPSK	3720	Outer_Full	36.13	38.61	/	Pass
	3750	Outer_Full	35.99	38.57	/	Pass
	3780	Outer_Full	35.95	38.66	/	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	36.10	38.57	/	Pass
	3750	Outer_Full	36.03	38.59	/	Pass
	3780	Outer_Full	36.00	38.74	/	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	35.97	38.58	/	Pass
	3750	Outer_Full	36.11	38.70	/	Pass
	3780	Outer_Full	36.03	38.52	/	Pass
DFT-s-OFDM 256 QAM	3720	Outer_Full	36.02	38.50	/	Pass
	3750	Outer_Full	36.11	38.70	/	Pass
	3780	Outer_Full	36.20	38.50	/	Pass
CP-OFDM QPSK	3720	Outer_Full	38.15	40.34	/	Pass
	3750	Outer_Full	38.14	40.64	/	Pass
	3780	Outer_Full	37.99	40.82	/	Pass
CP-OFDM 16 QAM	3720	Outer_Full	38.18	40.56	/	Pass
	3750	Outer_Full	38.07	40.70	/	Pass
	3780	Outer_Full	38.17	40.57	/	Pass
CP-OFDM 64 QAM	3720	Outer_Full	38.24	40.74	/	Pass
	3750	Outer_Full	38.14	40.75	/	Pass
	3780	Outer_Full	38.05	40.76	/	Pass
CP-OFDM 256 QAM	3720	Outer_Full	38.01	40.70	/	Pass
	3750	Outer_Full	38.41	40.24	/	Pass
	3780	Outer_Full	38.27	40.14	/	Pass

3.3.2 Test Graph

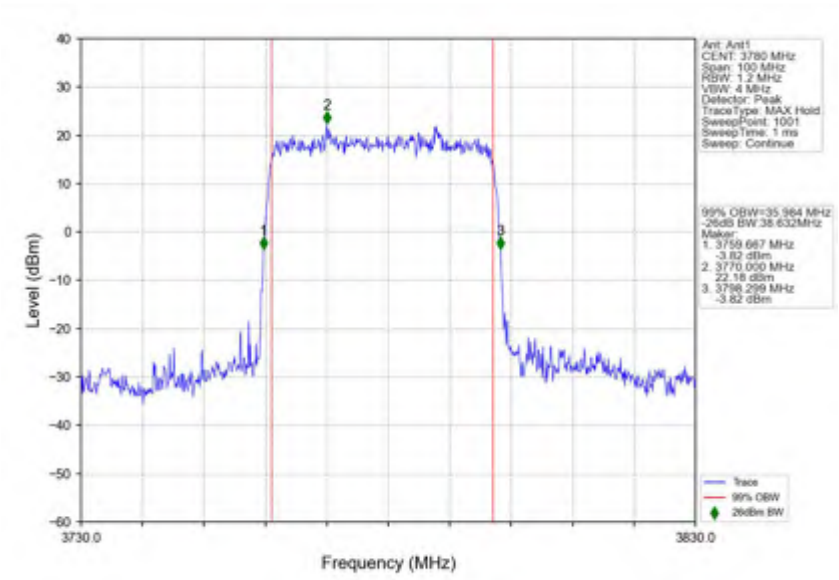
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3720MHz_Outer_Full



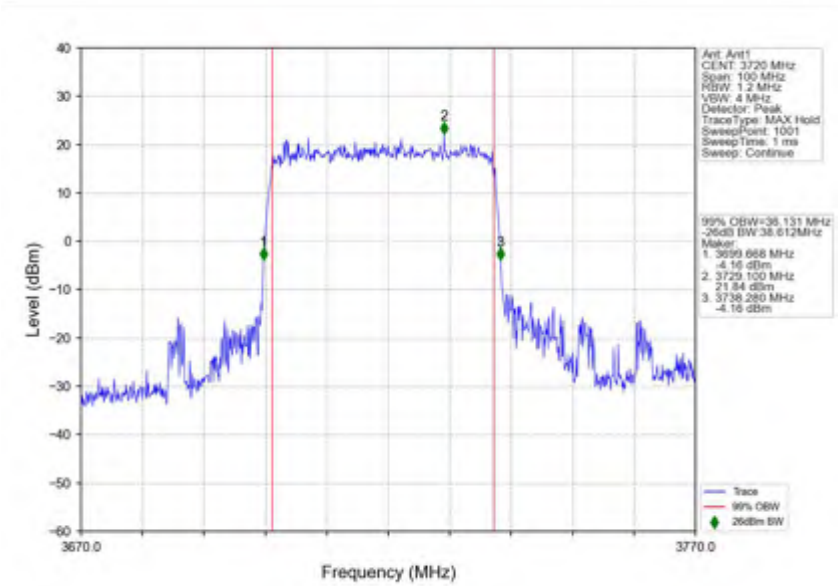
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full



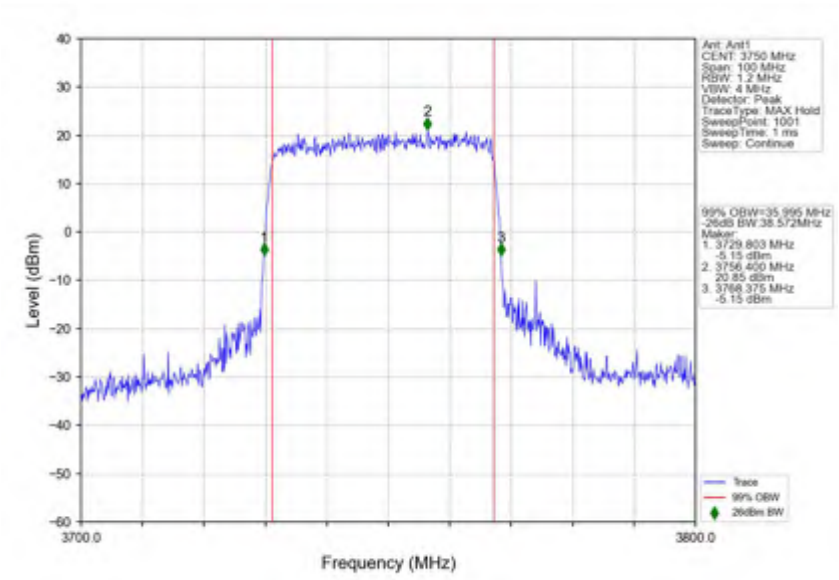
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3780MHz_Outer_Full



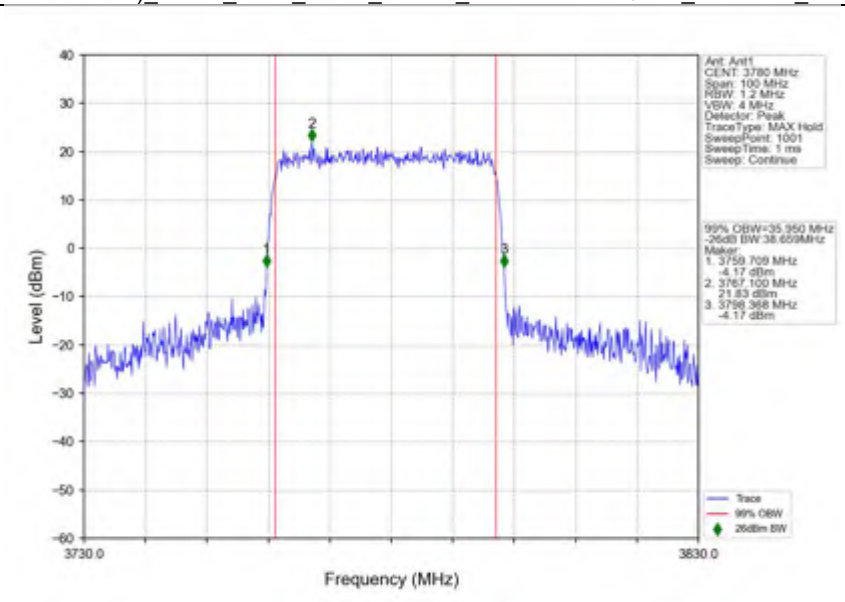
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3720MHz_Outer_Full



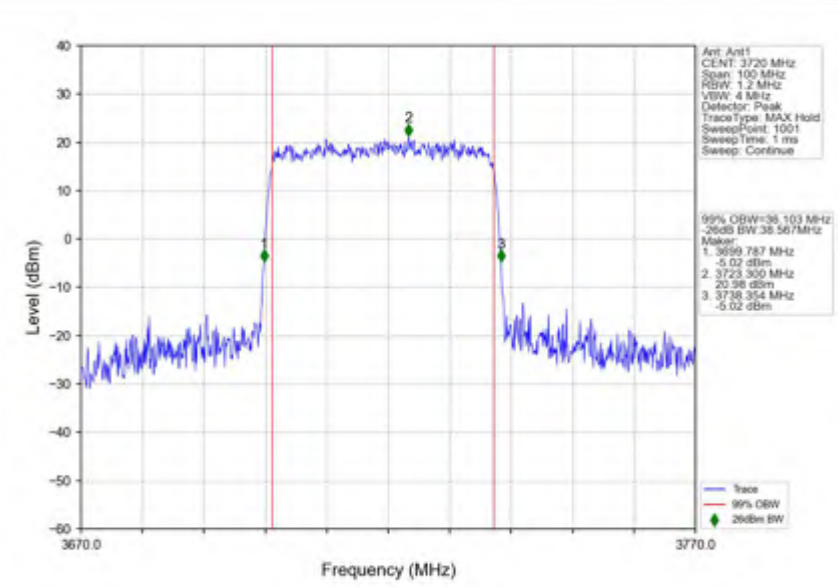
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full



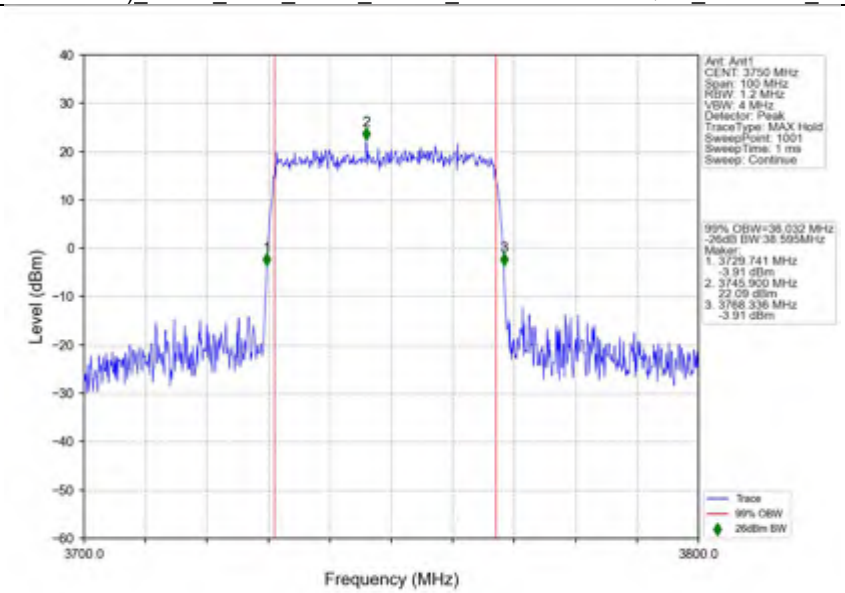
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3780MHz_Outer_Full



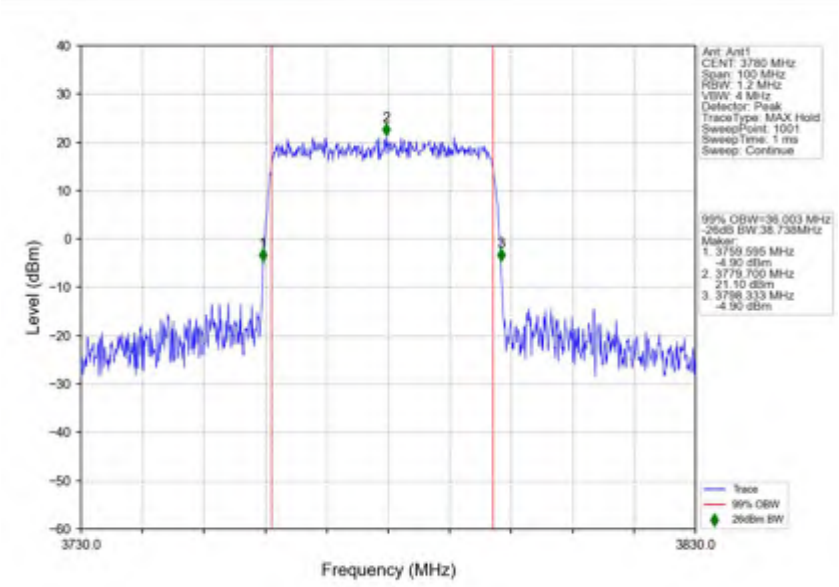
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_3720MHz_Outer_Full



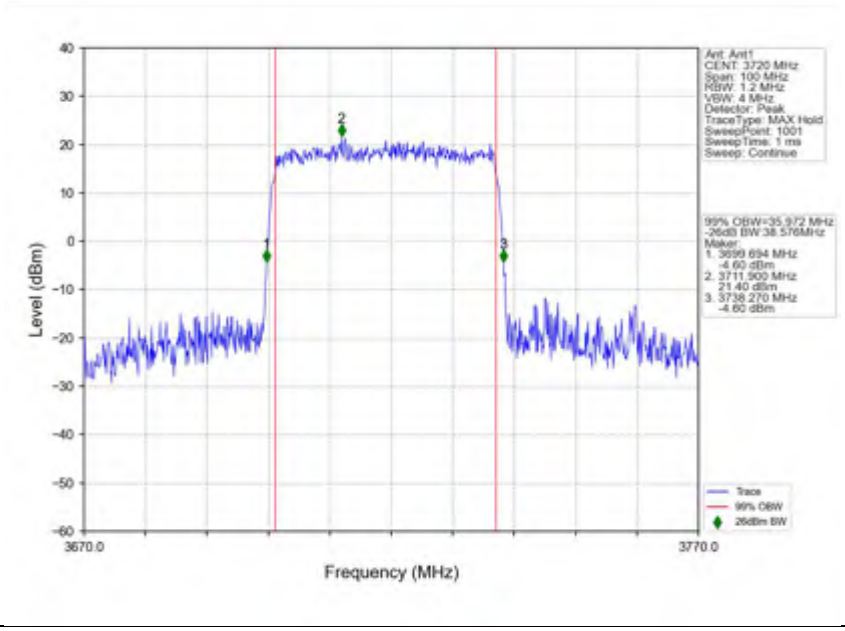
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_3750MHz_Outer_Full



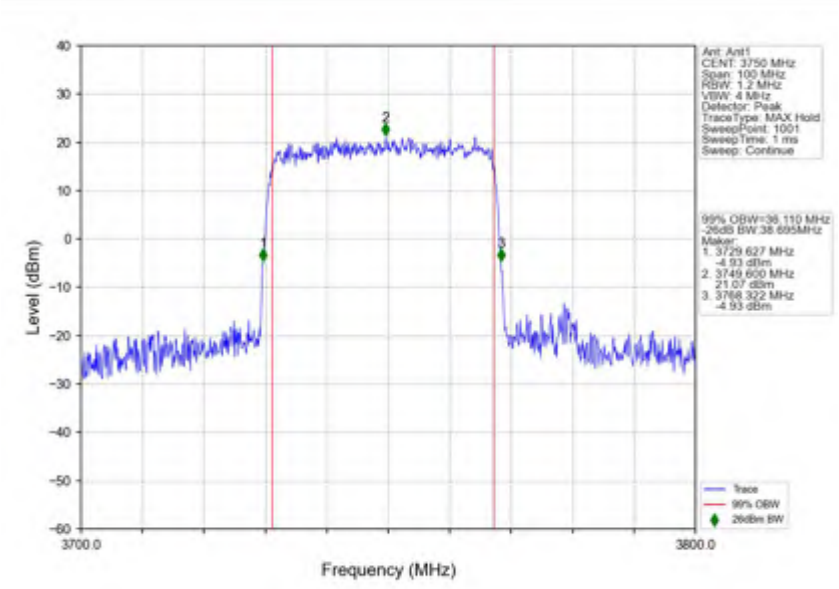
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_3780MHz_Outer_Full



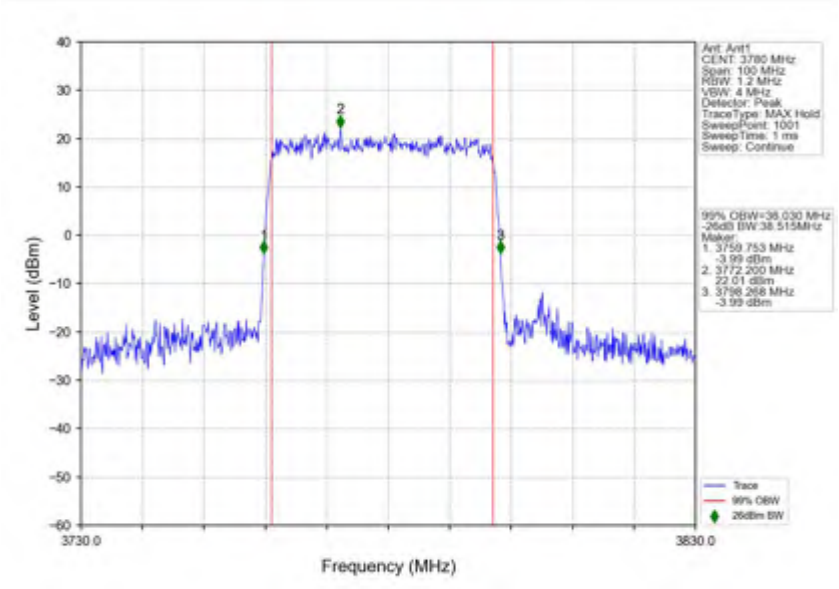
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3720MHz_Outer_Full



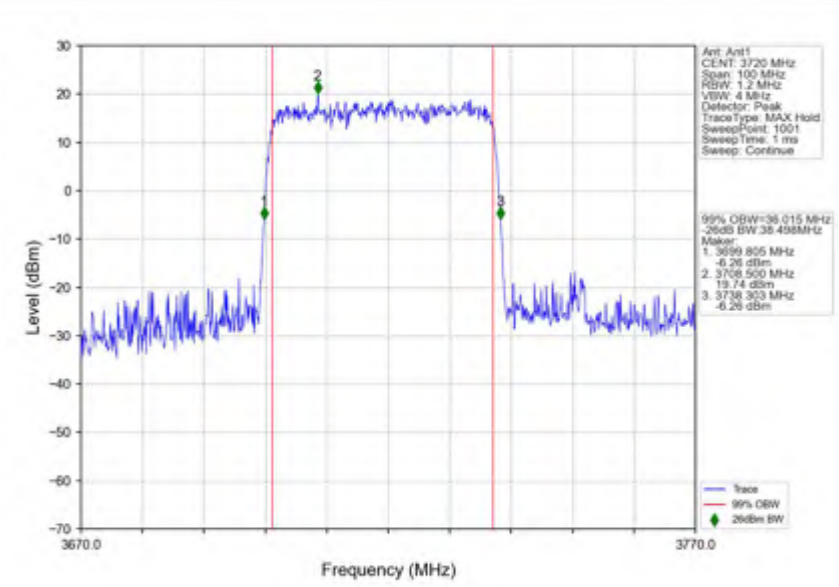
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3750MHz_Outer_Full



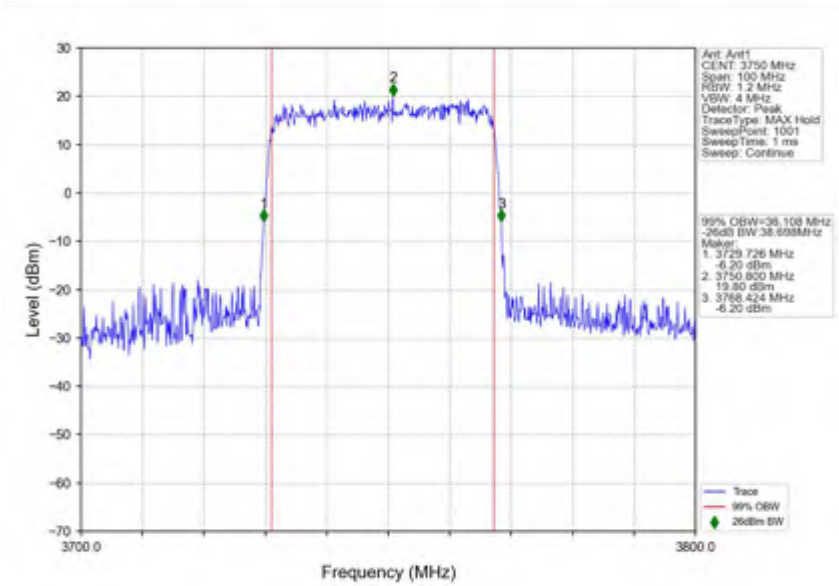
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3780MHz_Outer_Full



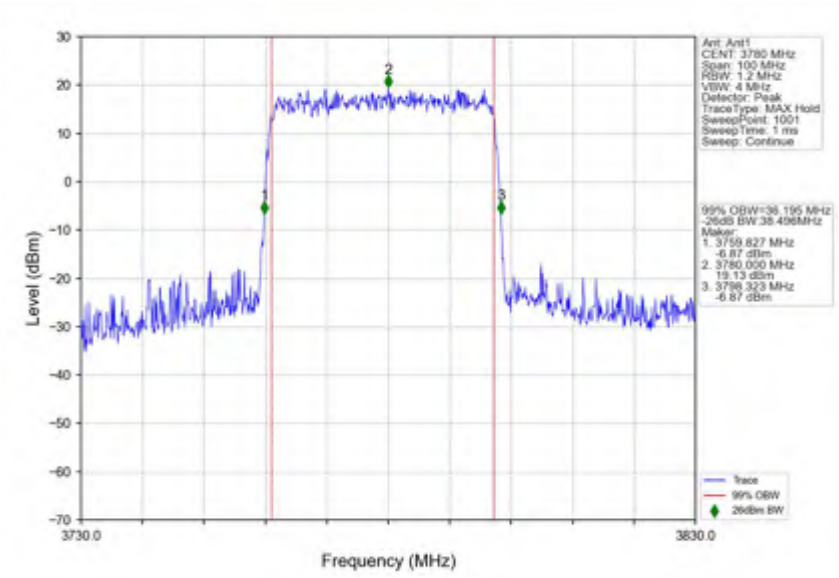
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3720MHz_Outer_Full



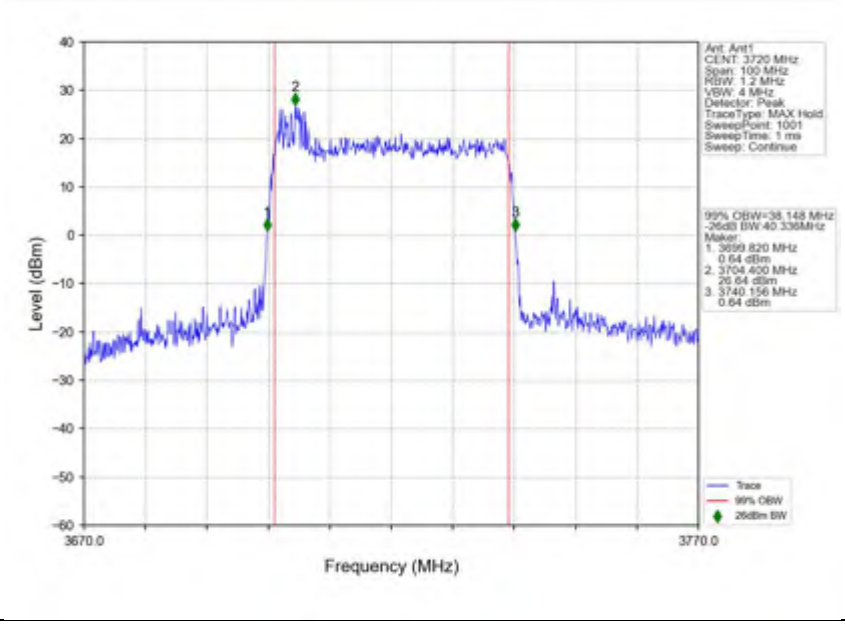
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3750MHz_Outer_Full



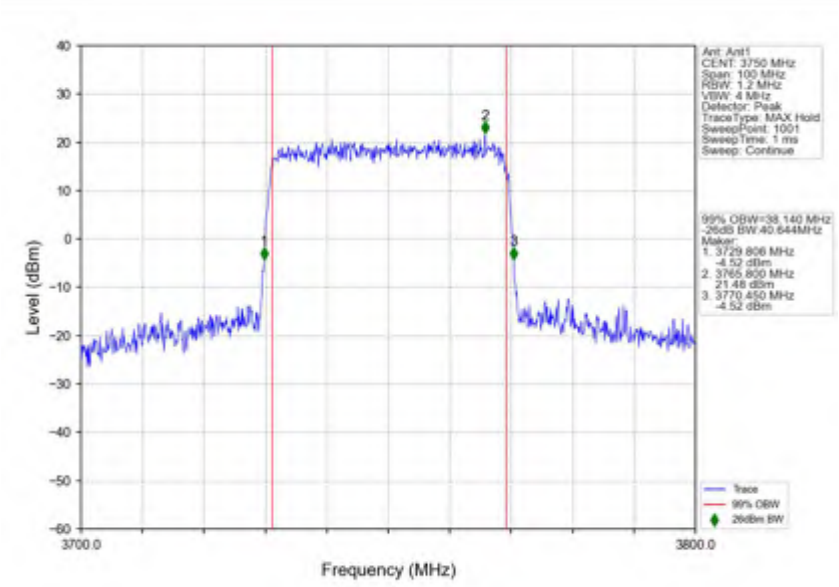
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3780MHz_Outer_Full



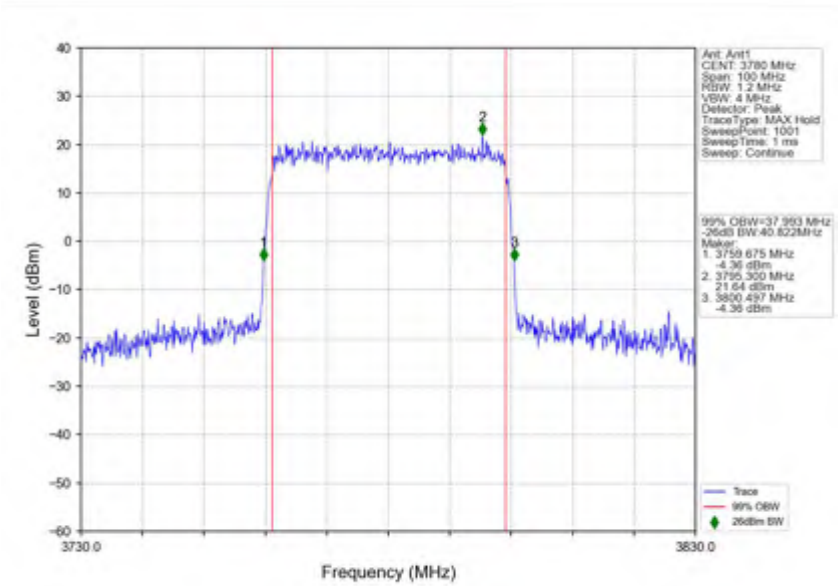
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Outer_Full



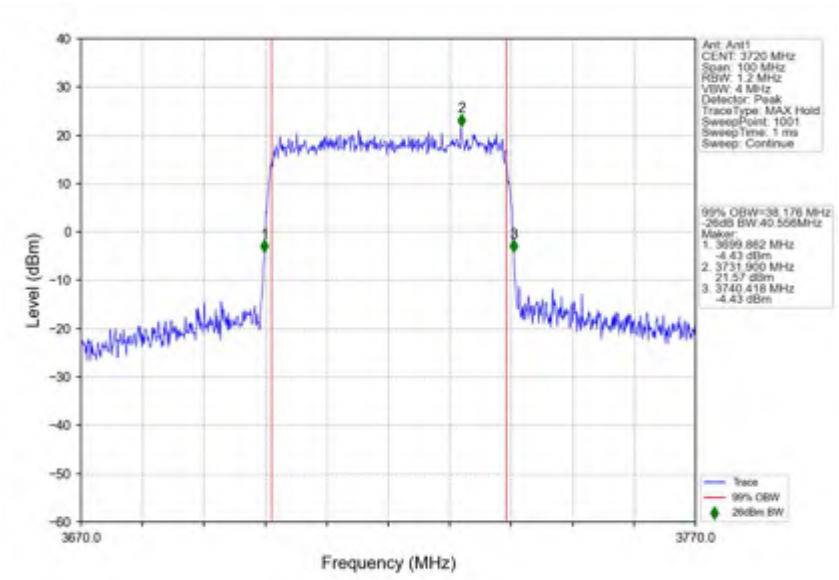
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3750MHz_Outer_Full



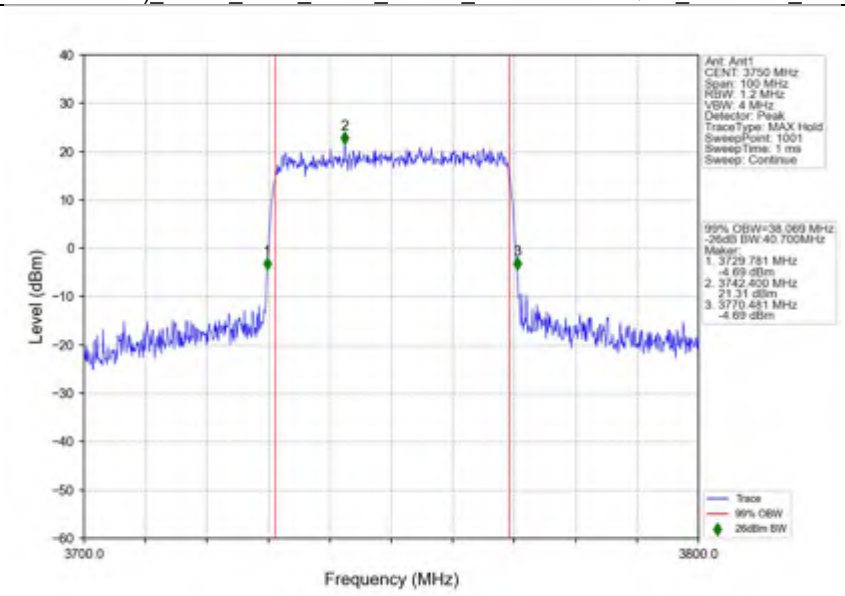
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Outer_Full



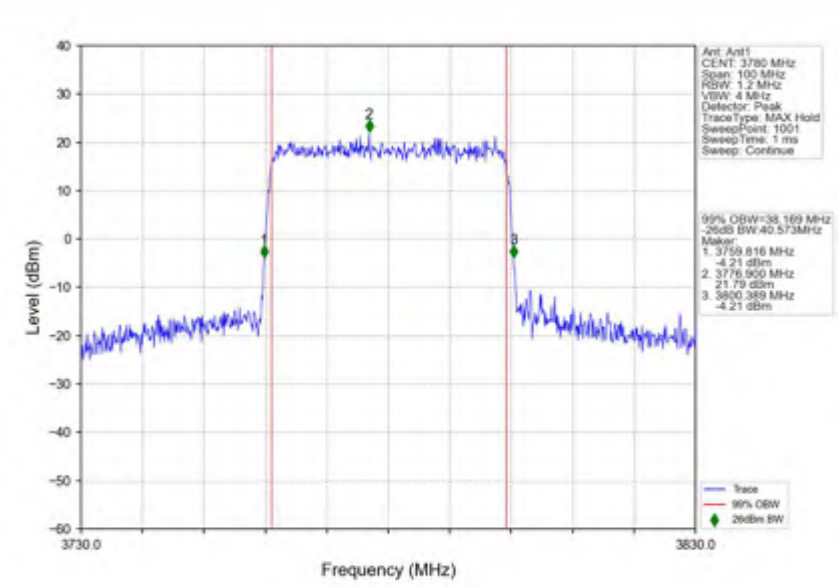
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3720MHz_Outer_Full



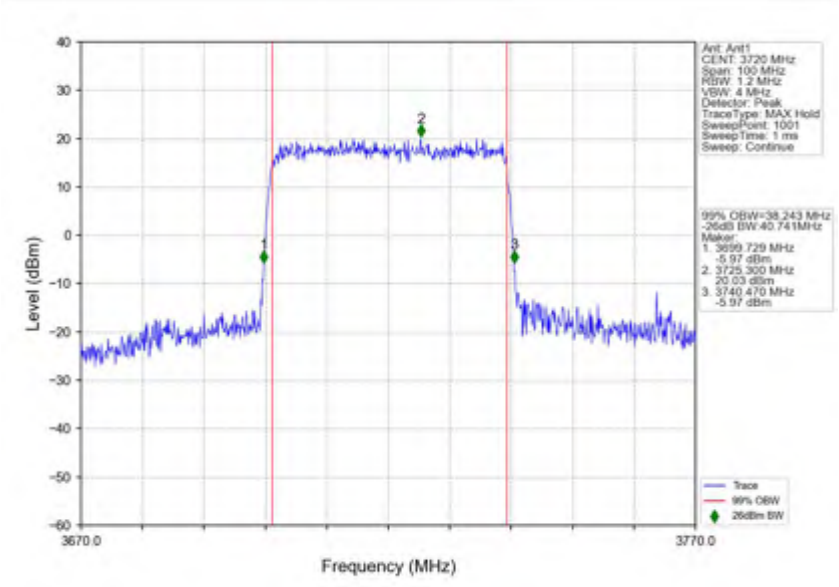
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3750MHz_Outer_Full



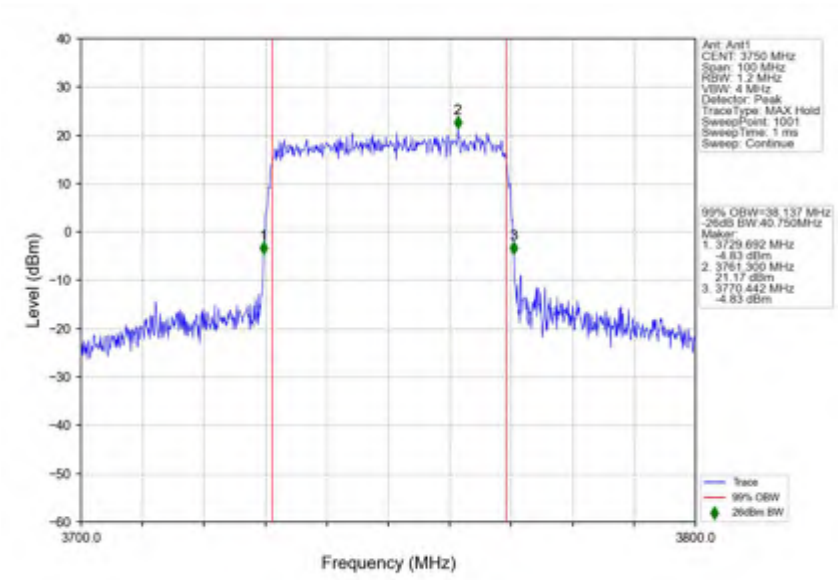
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3780MHz_Outer_Full



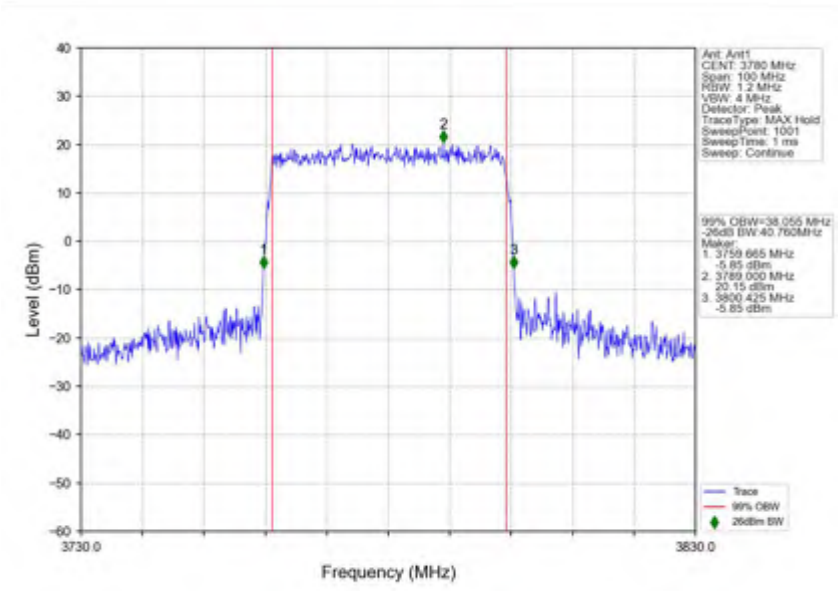
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3720MHz_Outer_Full



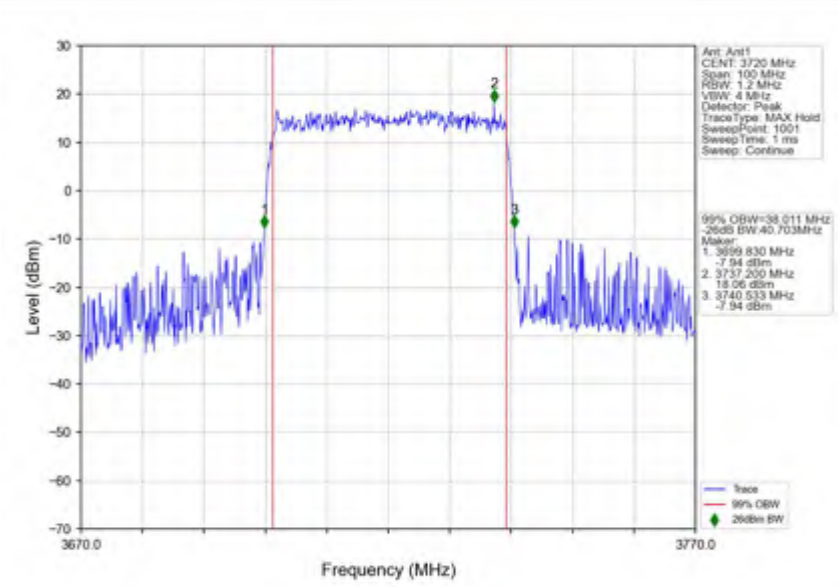
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3750MHz_Outer_Full



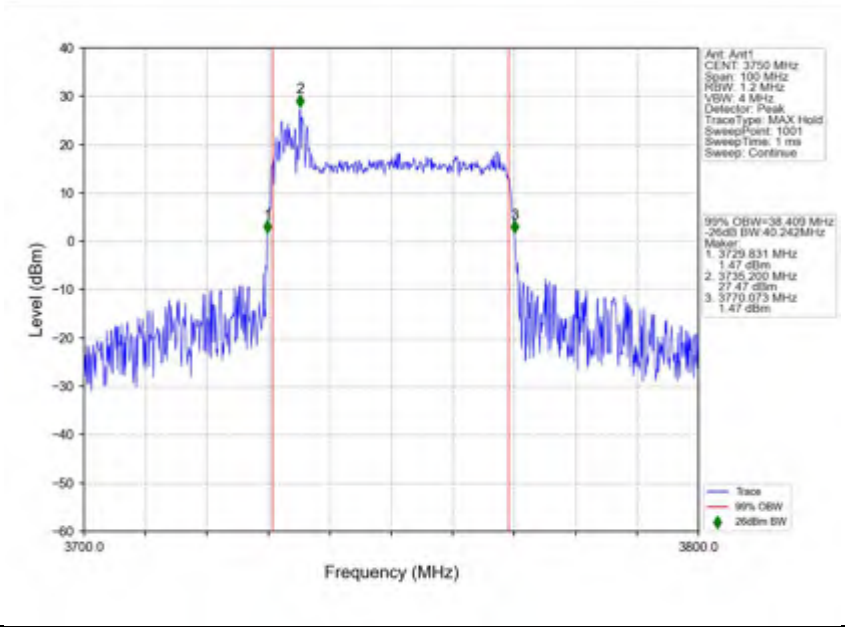
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3780MHz_Outer_Full



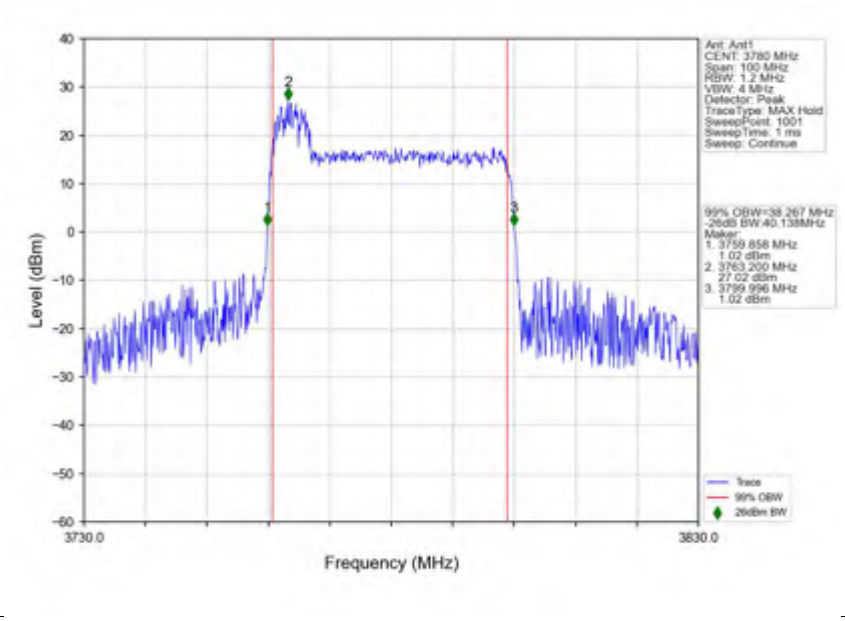
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3720MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3750MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3780MHz_Outer_Full



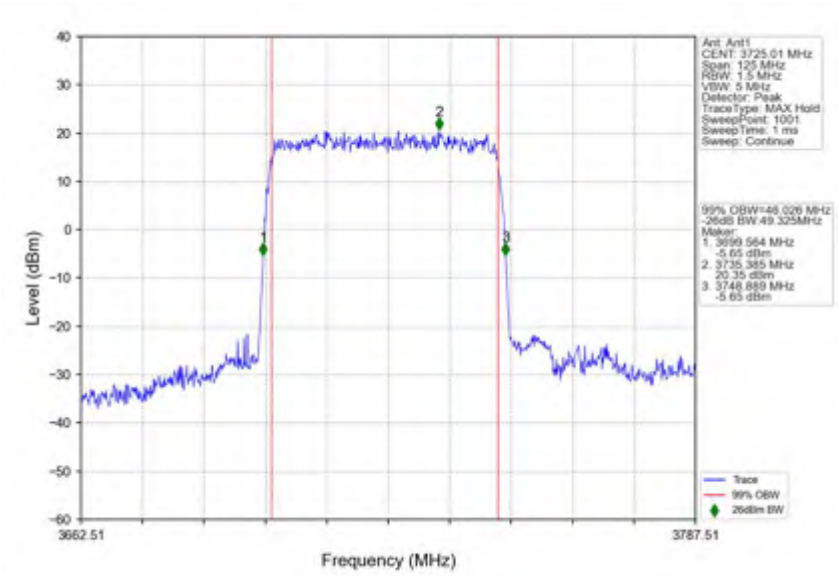
3.4 30k_SISO_50MHz_NTNV

3.4.1 Test Result

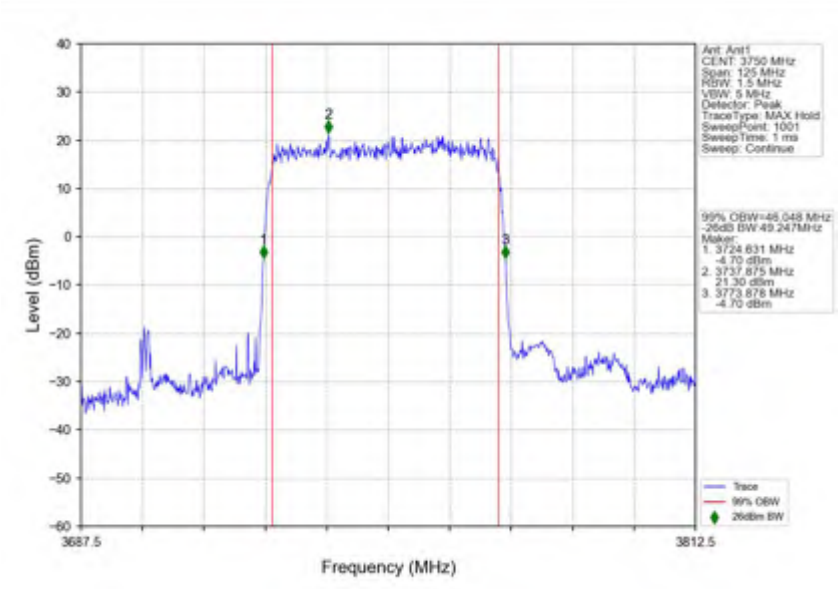
5G NR n78(3700-3800MHz) SCS=30kHz SISO 50MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3725.01	Outer_Full	46.03	49.33	/	Pass
	3750	Outer_Full	46.05	49.25	/	Pass
	3774.99	Outer_Full	46.06	49.26	/	Pass
DFT-s-OFDM QPSK	3725.01	Outer_Full	45.98	49.29	/	Pass
	3750	Outer_Full	46.09	49.26	/	Pass
	3774.99	Outer_Full	46.06	49.26	/	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer_Full	46.11	49.27	/	Pass
	3750	Outer_Full	46.11	49.18	/	Pass
	3774.99	Outer_Full	46.01	49.37	/	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer_Full	45.99	49.30	/	Pass
	3750	Outer_Full	46.02	49.23	/	Pass
	3774.99	Outer_Full	45.91	49.26	/	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer_Full	45.91	48.60	/	Pass
	3750	Outer_Full	46.00	49.10	/	Pass
	3774.99	Outer_Full	45.90	49.27	/	Pass
CP-OFDM QPSK	3725.01	Outer_Full	48.00	50.96	/	Pass
	3750	Outer_Full	48.12	50.39	/	Pass
	3774.99	Outer_Full	47.79	50.82	/	Pass
CP-OFDM 16 QAM	3725.01	Outer_Full	47.78	50.97	/	Pass
	3750	Outer_Full	47.81	50.98	/	Pass
	3774.99	Outer_Full	47.95	50.99	/	Pass
CP-OFDM 64 QAM	3725.01	Outer_Full	47.88	51.07	/	Pass
	3750	Outer_Full	47.91	51.07	/	Pass
	3774.99	Outer_Full	47.71	51.09	/	Pass
CP-OFDM 256 QAM	3725.01	Outer_Full	48.00	50.95	/	Pass
	3750	Outer_Full	47.77	51.10	/	Pass
	3774.99	Outer_Full	47.94	51.02	/	Pass

3.4.2 Test Graph

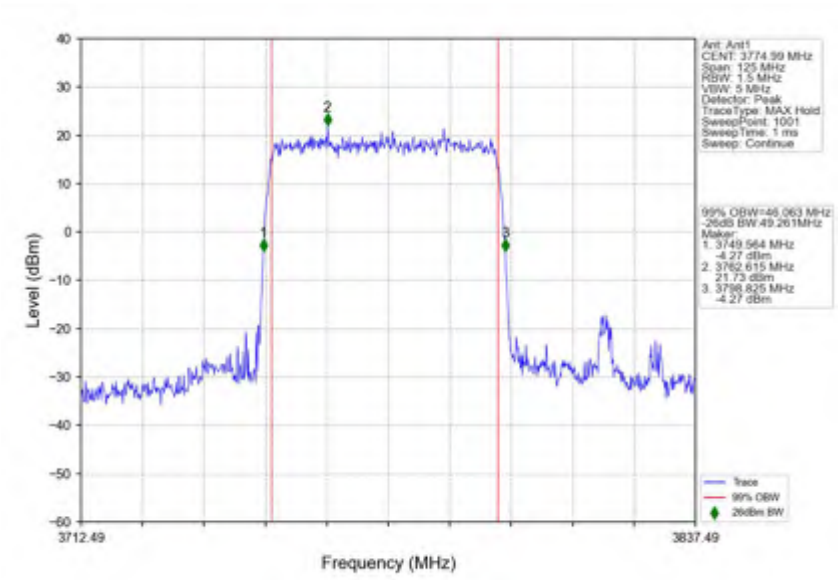
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3725.01MHz_Outer_Full



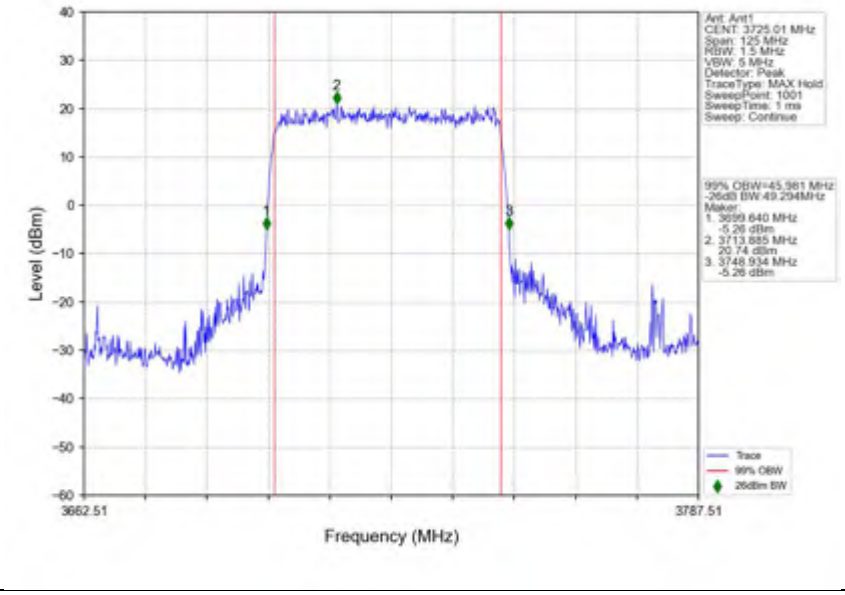
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full



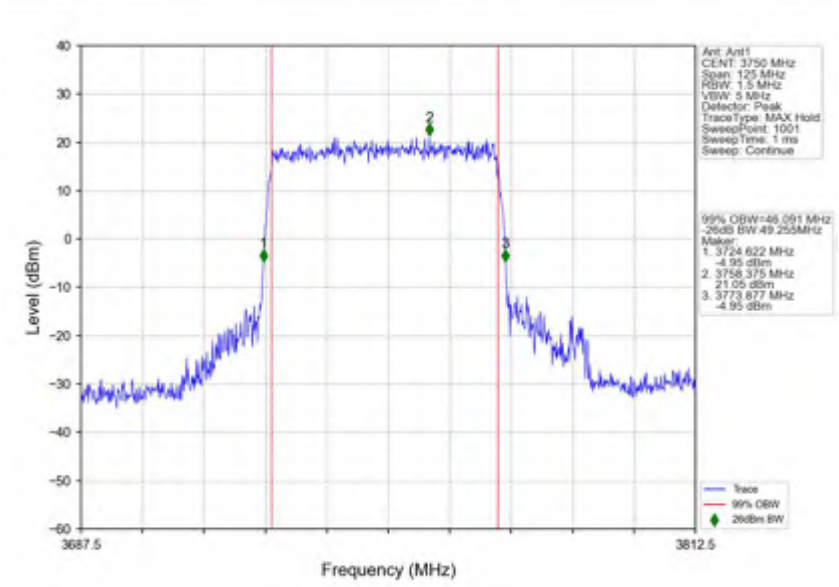
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3774.99MHz_Outer_Full



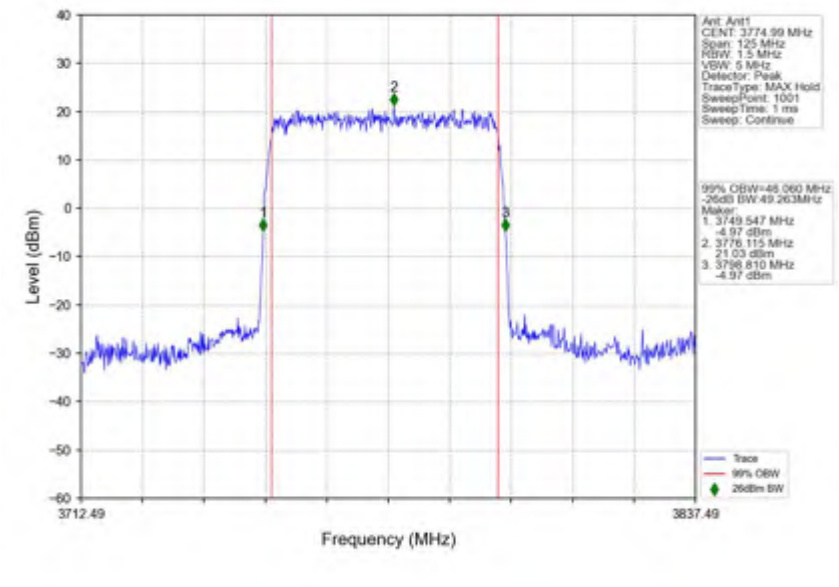
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3725.01MHz_Outer_Full



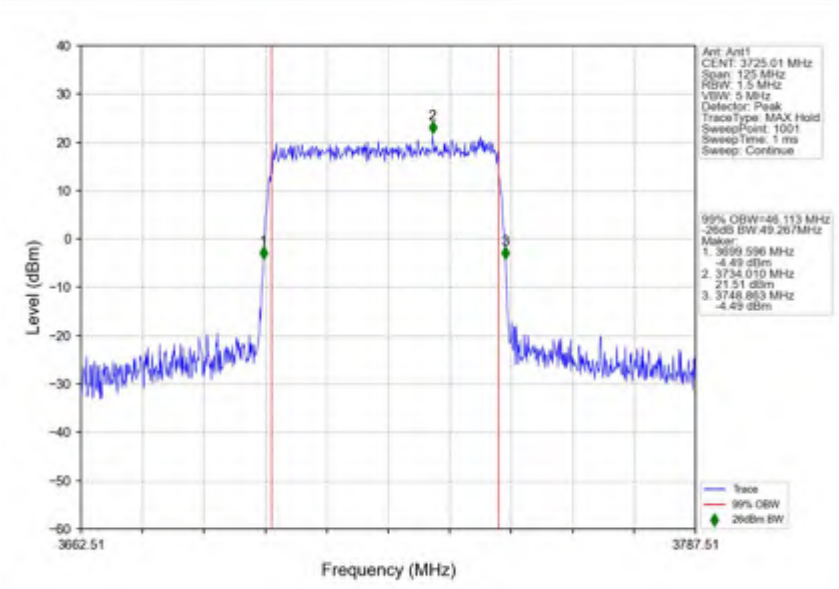
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full



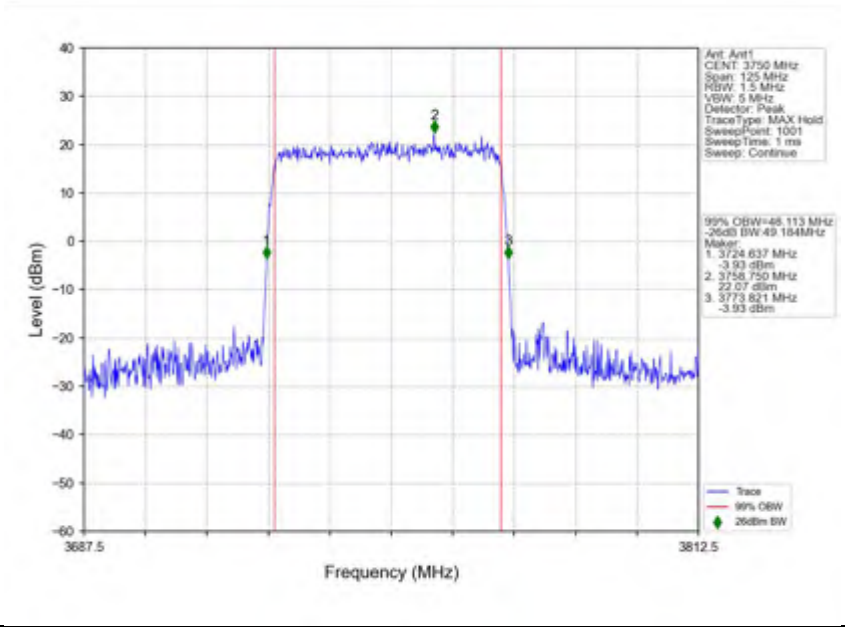
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3774.99MHz_Outer_Full



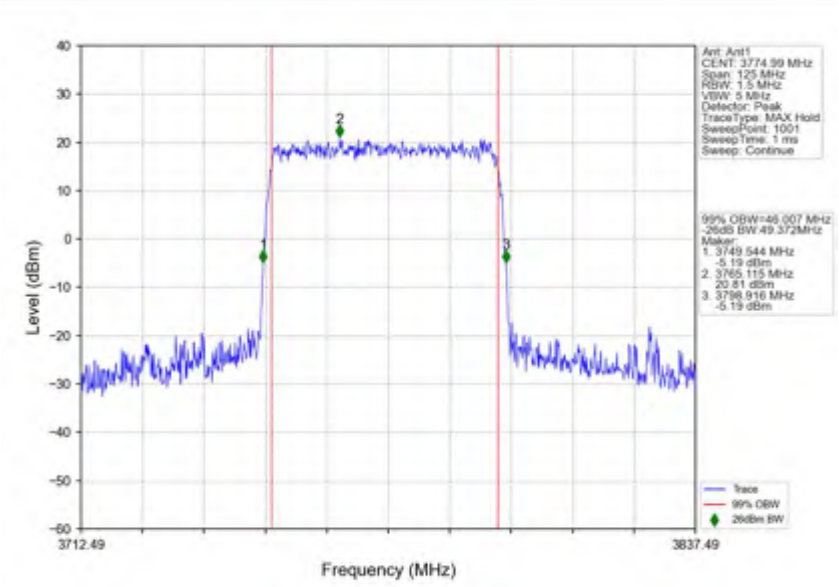
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM_3725.01MHz_Outer_Full



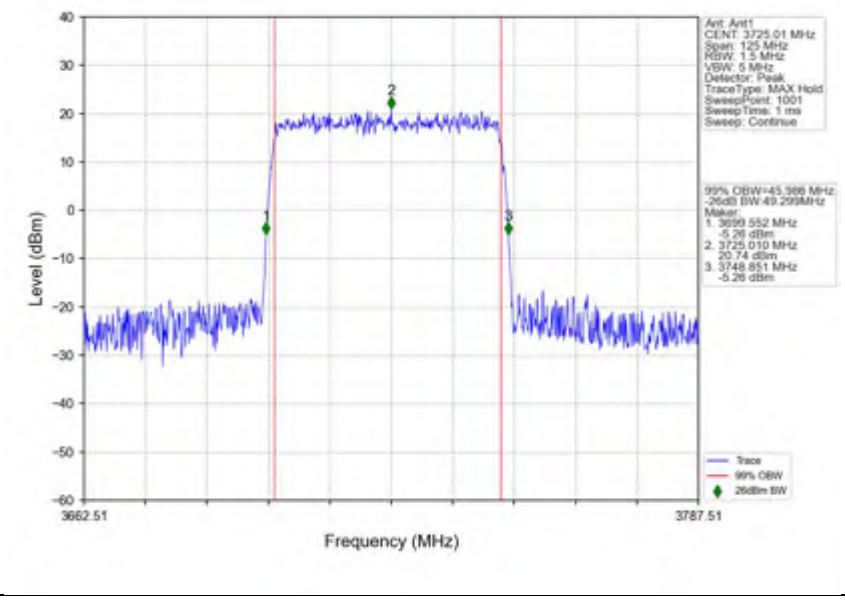
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM_3750MHz_Outer_Full



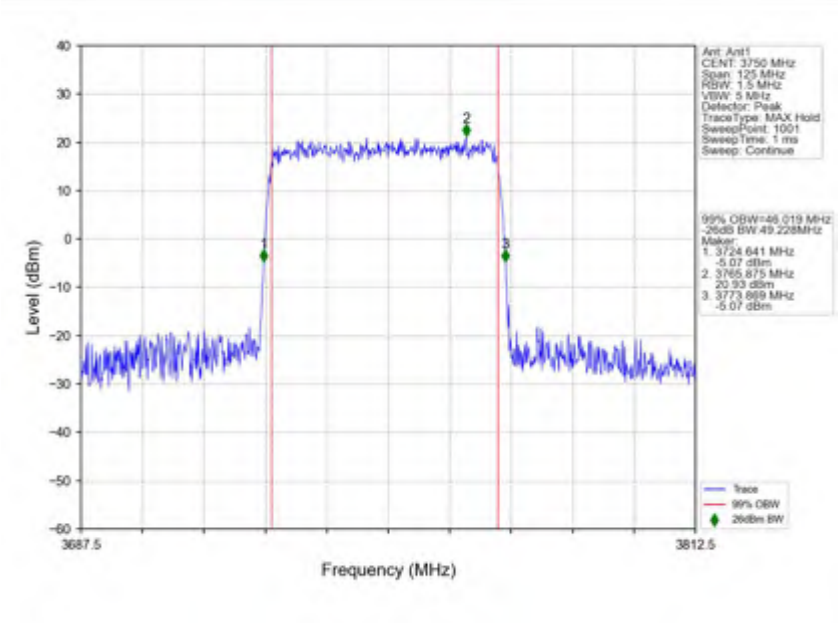
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM_3774.99MHz_Outer_Full



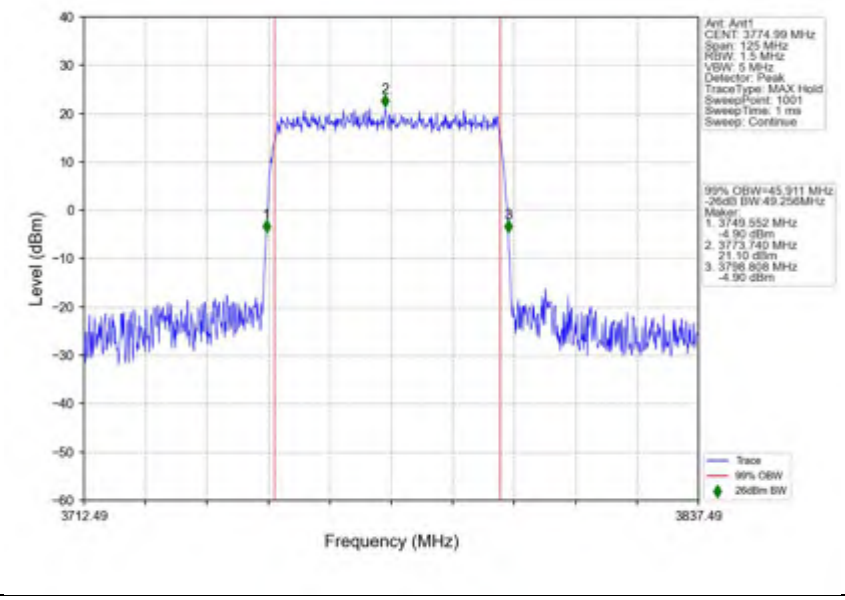
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM_3725.01MHz_Outer_Full



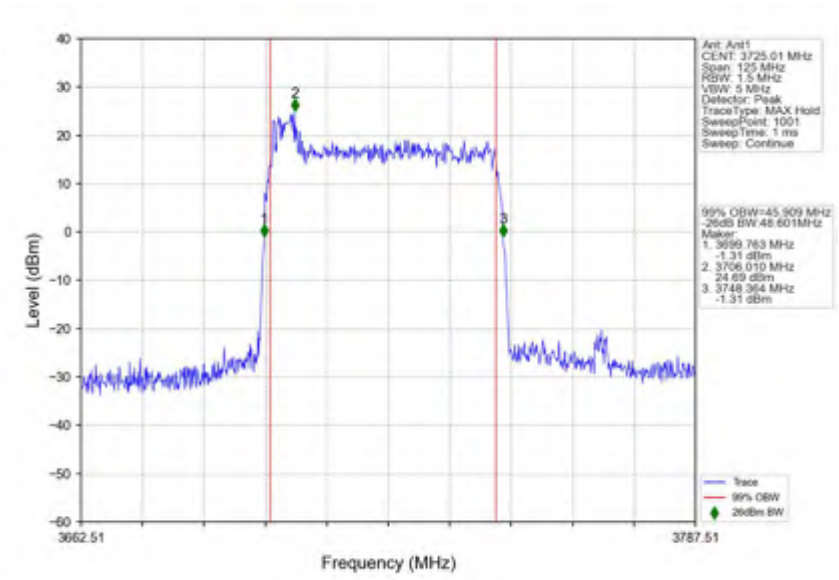
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM_3750MHz_Outer_Full



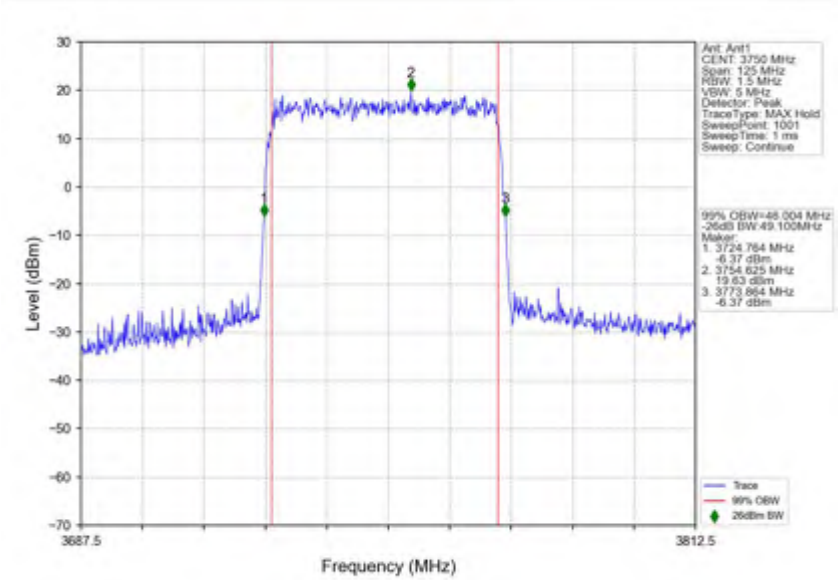
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM_3774.99MHz_Outer_Full



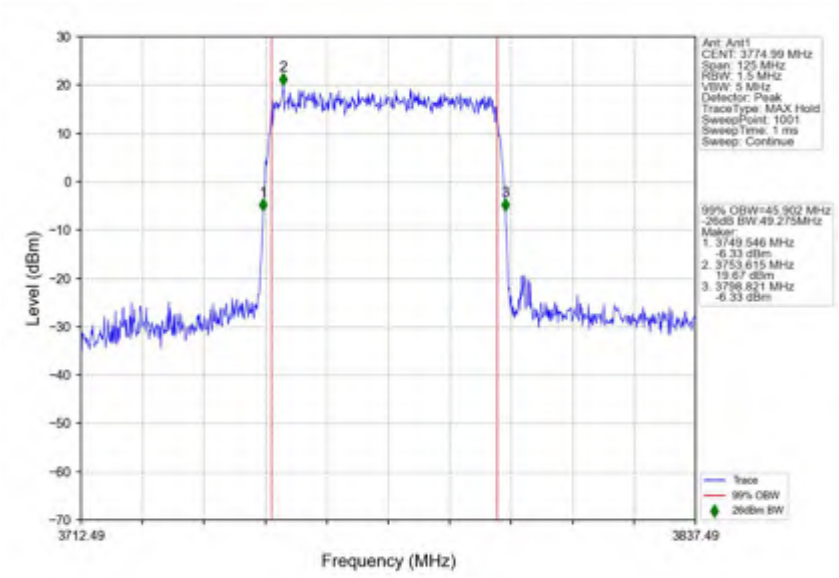
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 256 QAM_3725.01MHz_Outer_Full



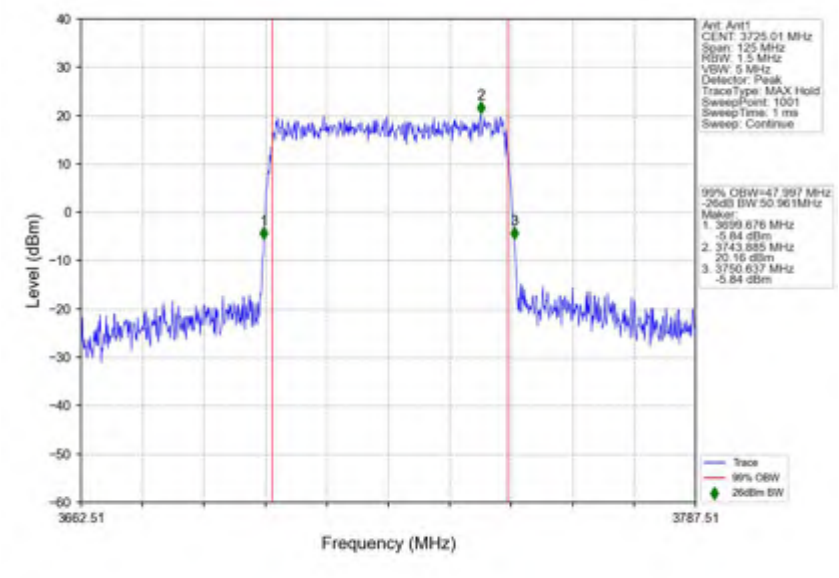
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 256 QAM_3750MHz_Outer_Full



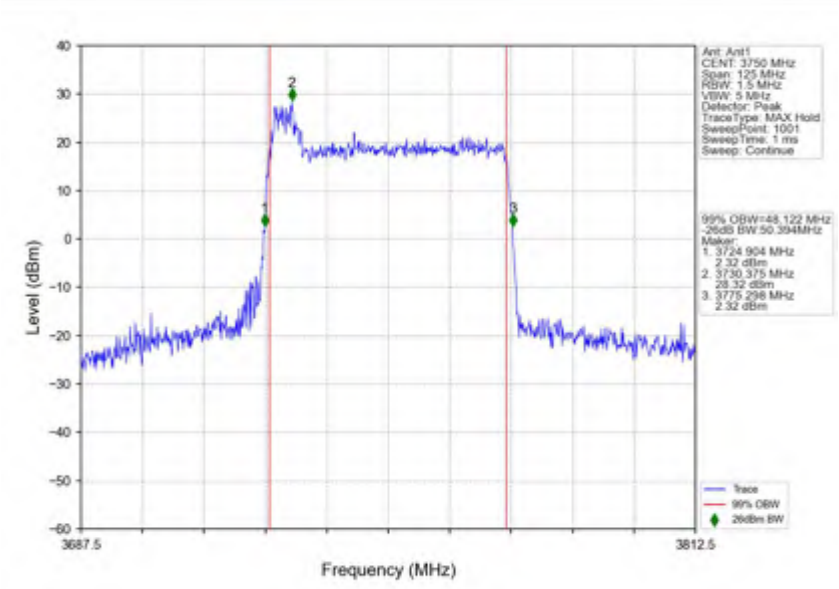
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 256 QAM_3774.99MHz_Outer_Full



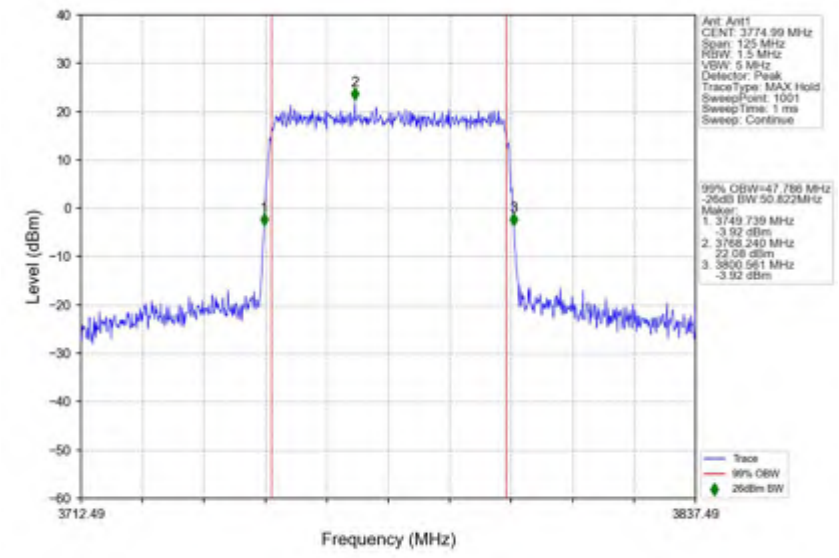
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Outer_Full



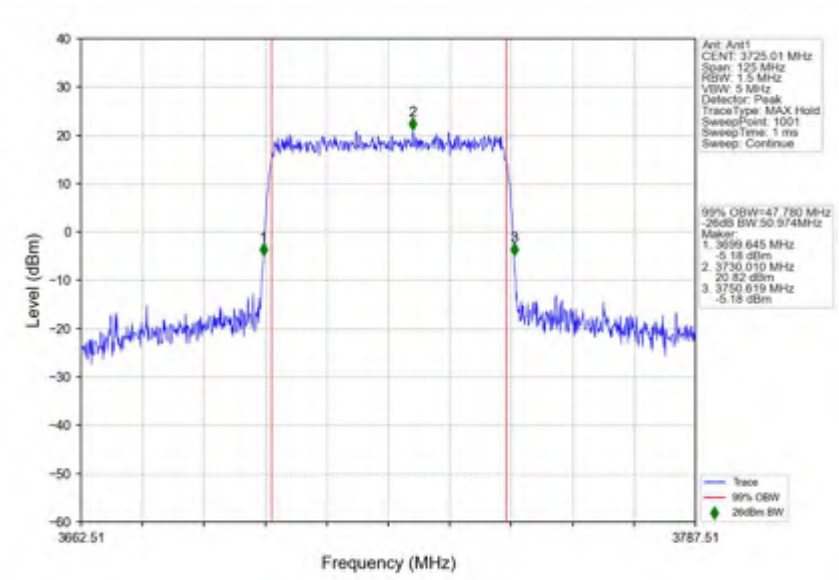
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_3750MHz_Outer_Full



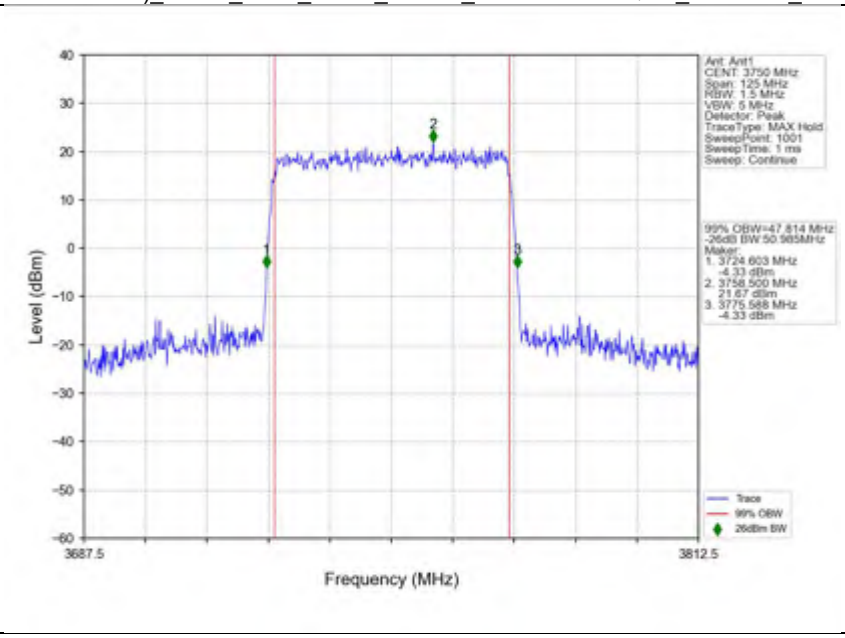
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Outer_Full



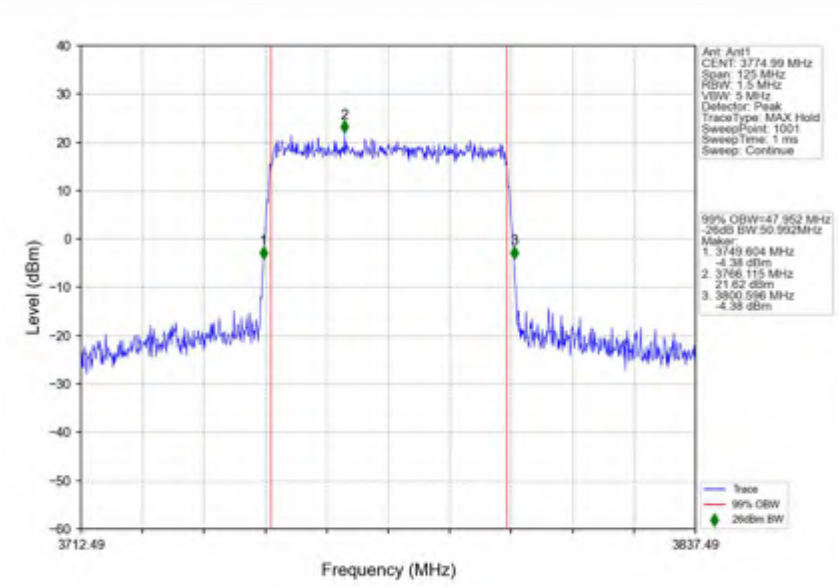
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM_3725.01MHz_Outer_Full



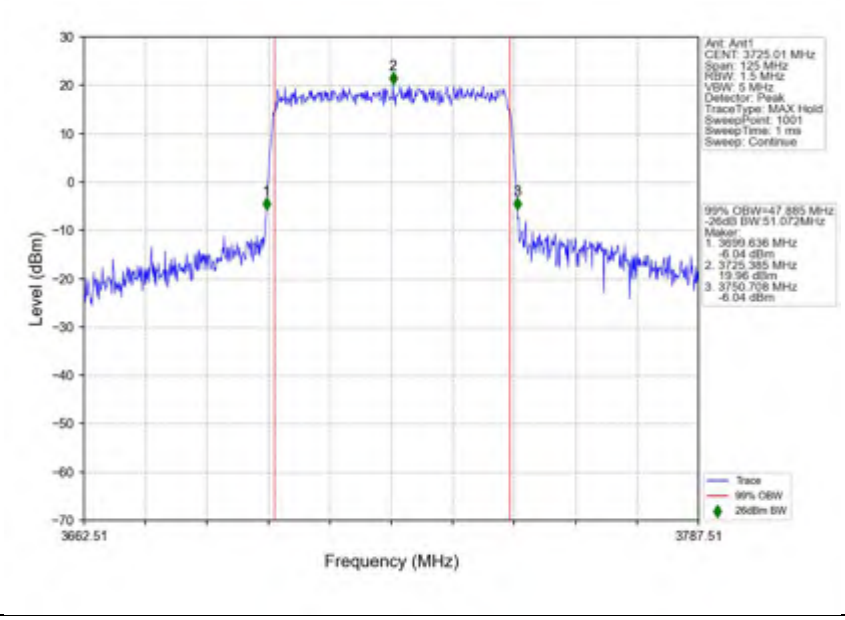
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM_3750MHz_Outer_Full



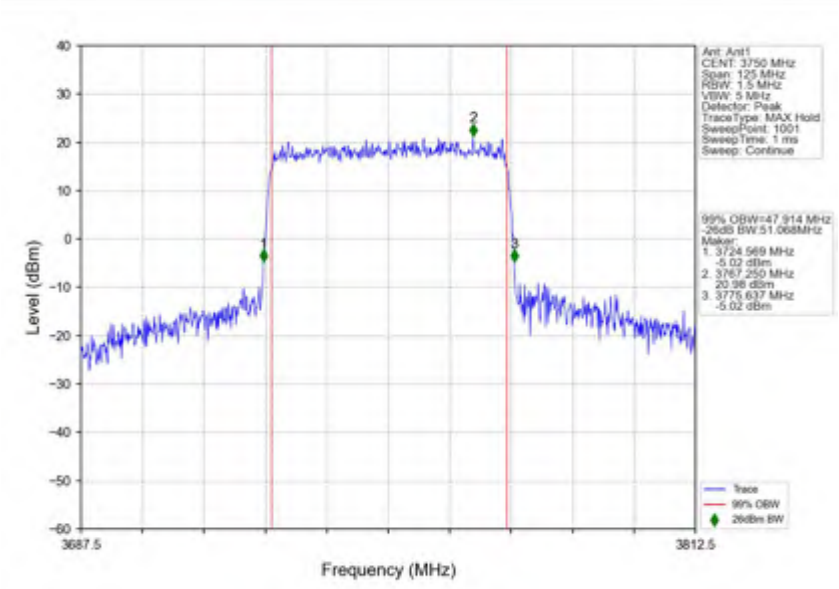
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM_3774.99MHz_Outer_Full



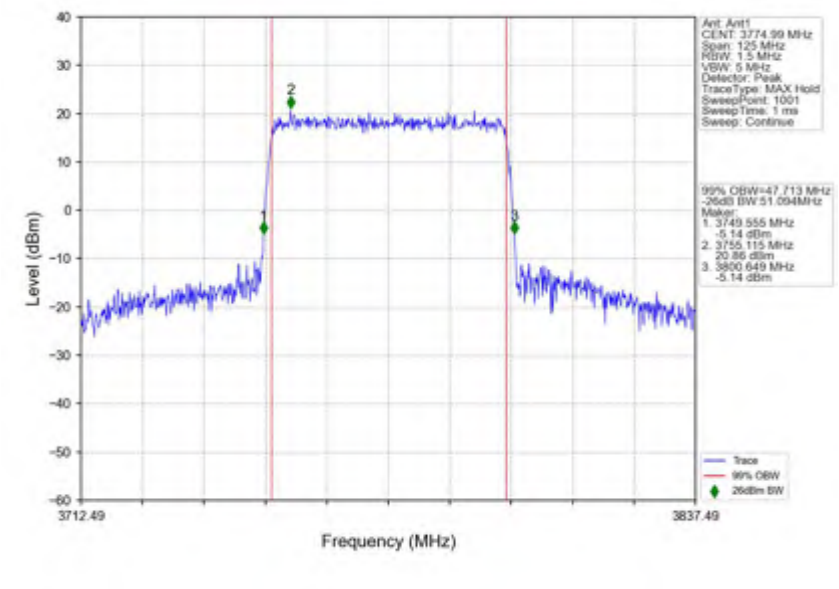
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM_3725.01MHz_Outer_Full



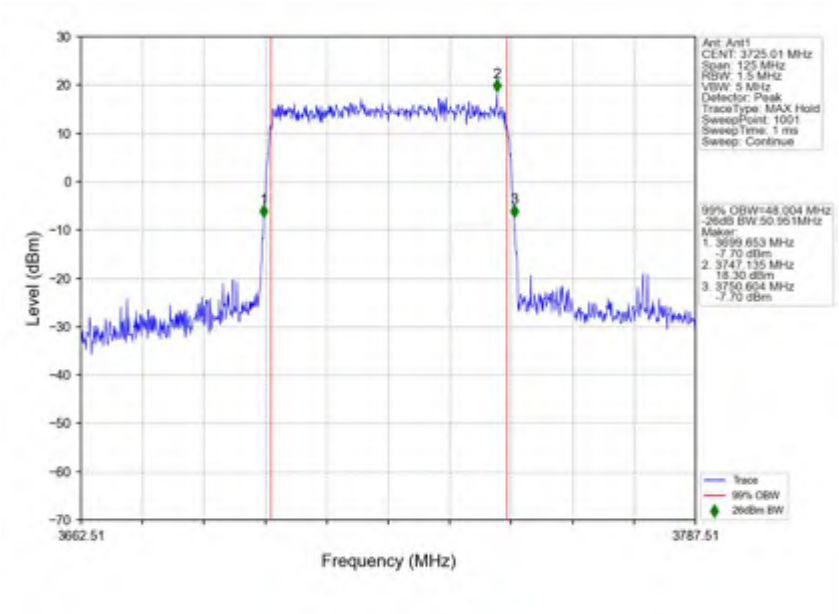
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM_3750MHz_Outer_Full



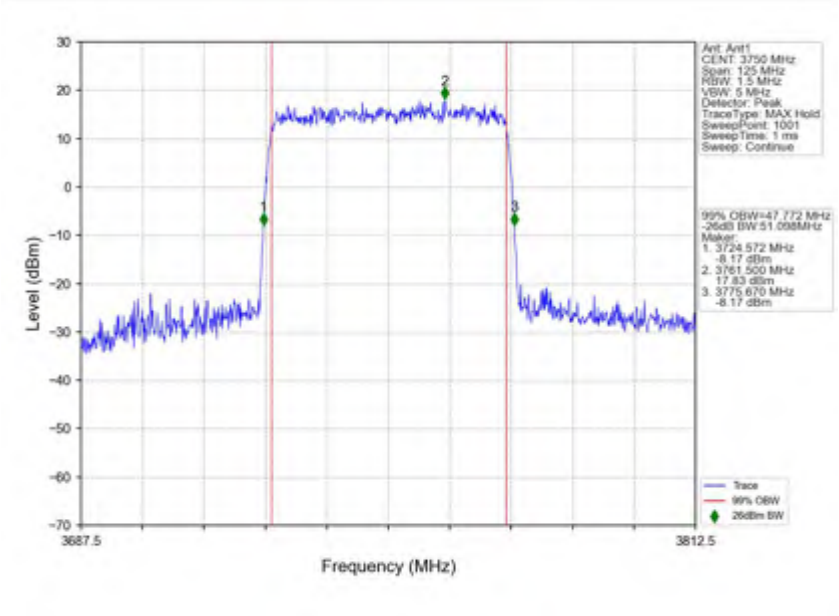
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM_3774.99MHz_Outer_Full



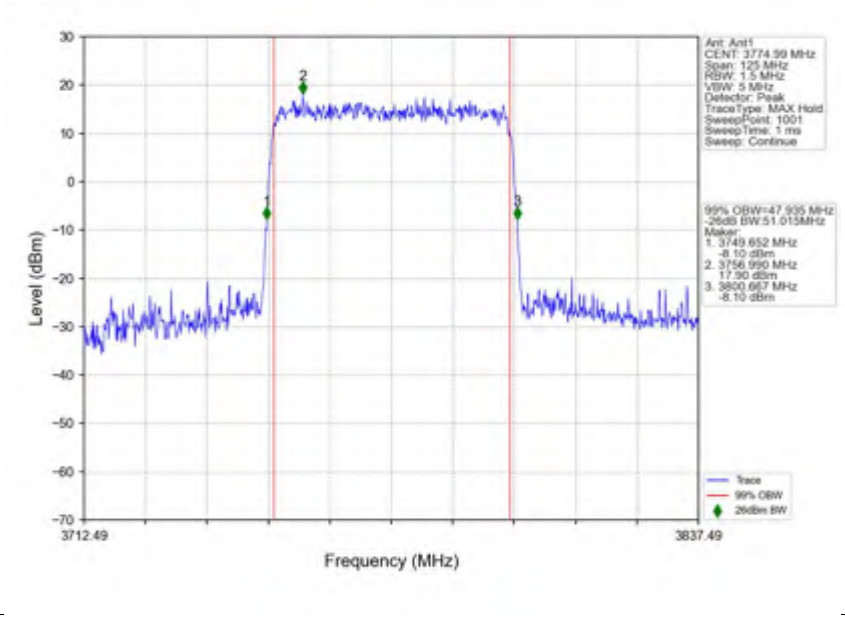
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM 256 QAM_3725.01MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM 256 QAM_3750MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM 256 QAM_3774.99MHz_Outer_Full



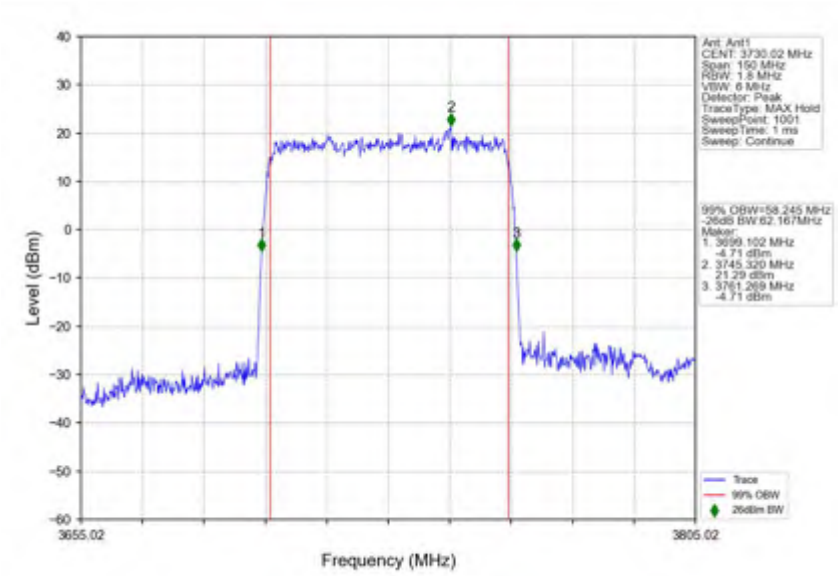
3.5 30k_SISO_60MHz_NTNV

3.5.1 Test Result

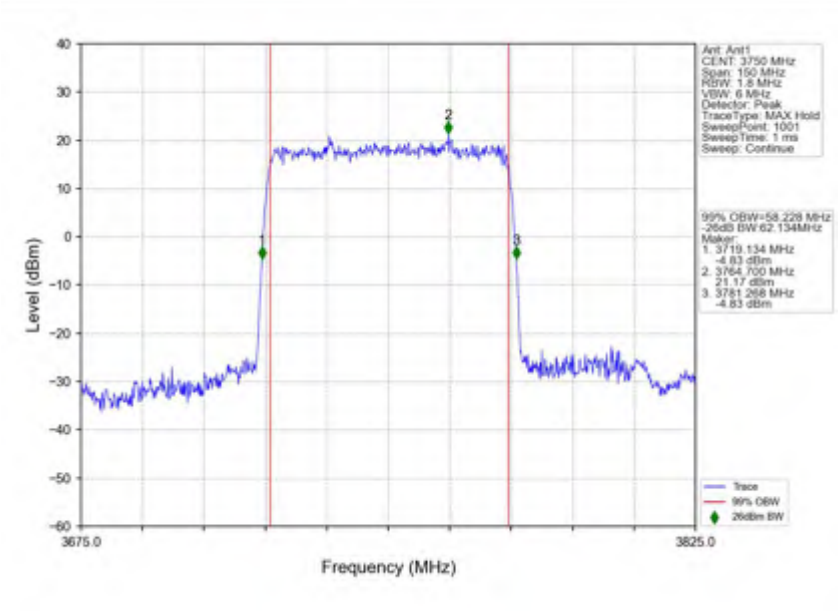
5G NR n78(3700-3800MHz) SCS=30kHz SISO 60MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3730.02	Outer_Full	58.24	62.17	/	Pass
	3750	Outer_Full	58.23	62.13	/	Pass
	3769.98	Outer_Full	58.06	62.32	/	Pass
DFT-s-OFDM QPSK	3730.02	Outer_Full	58.36	62.24	/	Pass
	3750	Outer_Full	58.26	62.08	/	Pass
	3769.98	Outer_Full	58.22	62.38	/	Pass
DFT-s-OFDM 16 QAM	3730.02	Outer_Full	58.19	62.33	/	Pass
	3750	Outer_Full	58.14	62.24	/	Pass
	3769.98	Outer_Full	58.30	62.22	/	Pass
DFT-s-OFDM 64 QAM	3730.02	Outer_Full	58.27	62.21	/	Pass
	3750	Outer_Full	58.23	62.05	/	Pass
	3769.98	Outer_Full	58.31	62.33	/	Pass
DFT-s-OFDM 256 QAM	3730.02	Outer_Full	58.17	61.91	/	Pass
	3750	Outer_Full	58.04	62.15	/	Pass
	3769.98	Outer_Full	58.22	62.20	/	Pass
CP-OFDM QPSK	3730.02	Outer_Full	58.13	62.15	/	Pass
	3750	Outer_Full	58.67	61.35	/	Pass
	3769.98	Outer_Full	58.05	62.06	/	Pass
CP-OFDM 16 QAM	3730.02	Outer_Full	58.64	61.90	/	Pass
	3750	Outer_Full	58.33	62.17	/	Pass
	3769.98	Outer_Full	58.18	62.18	/	Pass
CP-OFDM 64 QAM	3730.02	Outer_Full	58.16	62.13	/	Pass
	3750	Outer_Full	58.15	62.14	/	Pass
	3769.98	Outer_Full	58.18	62.14	/	Pass
CP-OFDM 256 QAM	3730.02	Outer_Full	58.11	62.17	/	Pass
	3750	Outer_Full	58.26	62.15	/	Pass
	3769.98	Outer_Full	58.11	62.12	/	Pass

3.5.2 Test Graph

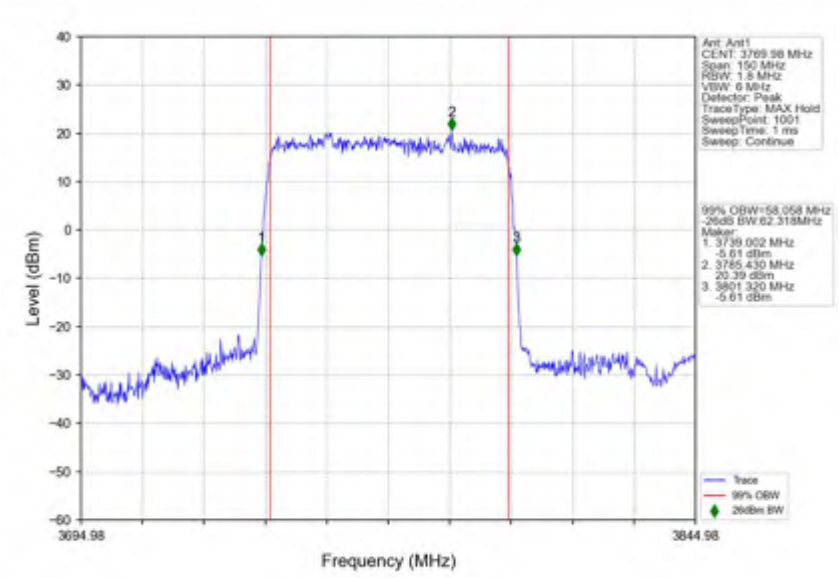
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3730.02MHz_Outer_Full



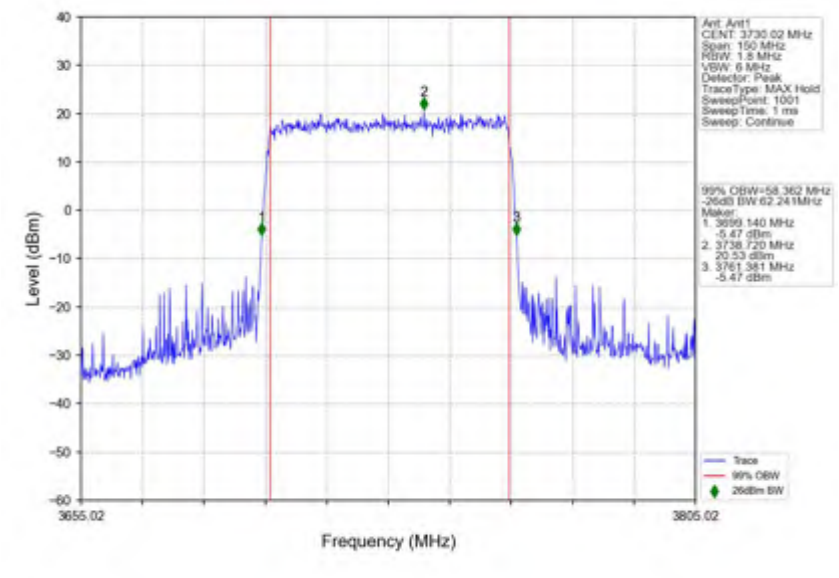
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full



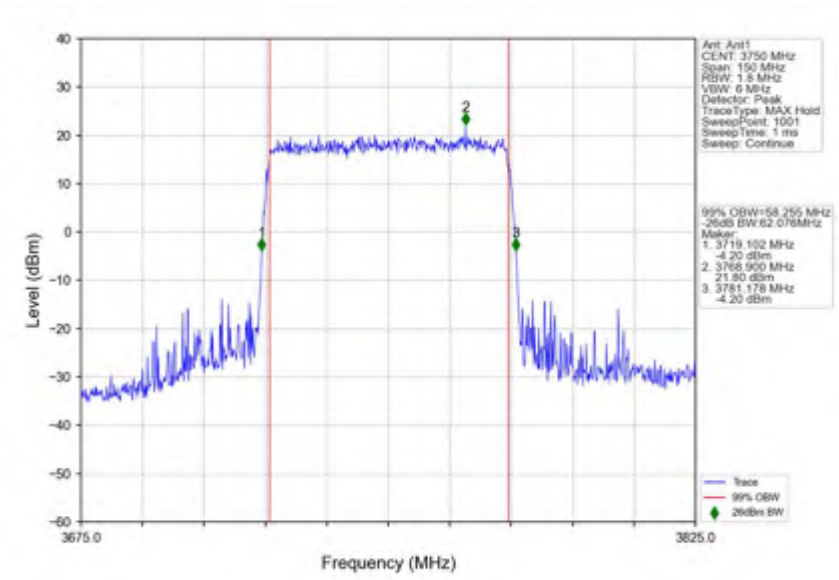
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3769.98MHz_Outer_Full



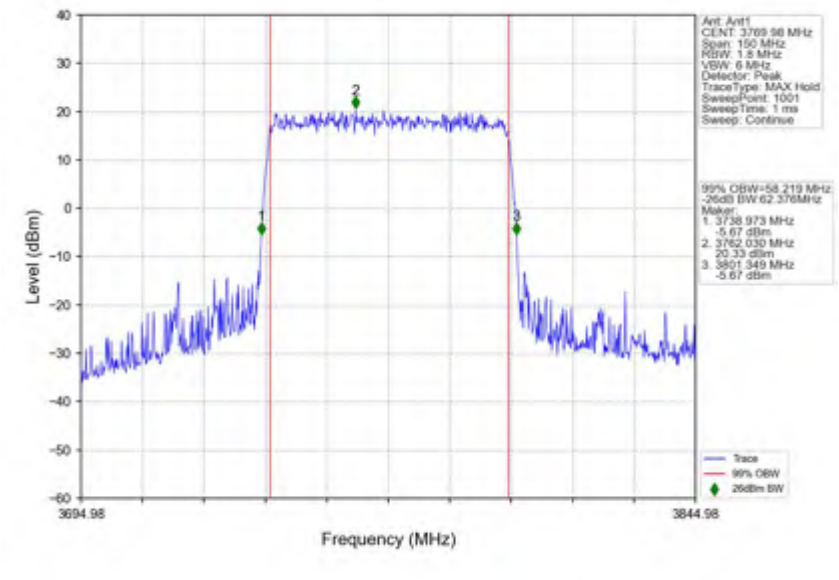
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3730.02MHz_Outer_Full



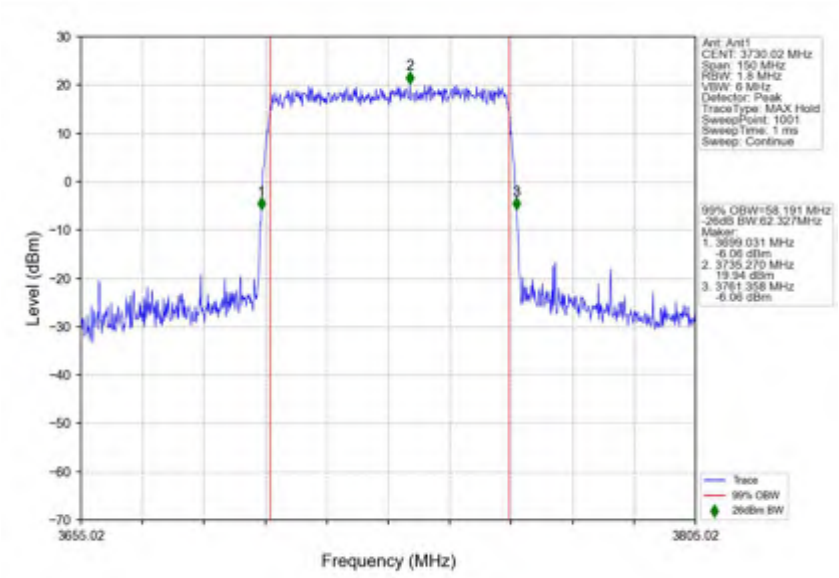
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full



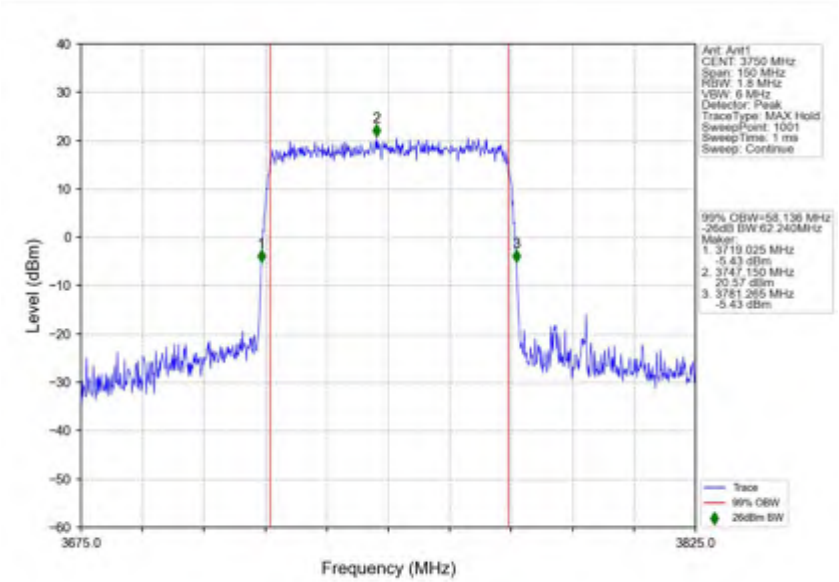
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3769.98MHz_Outer_Full



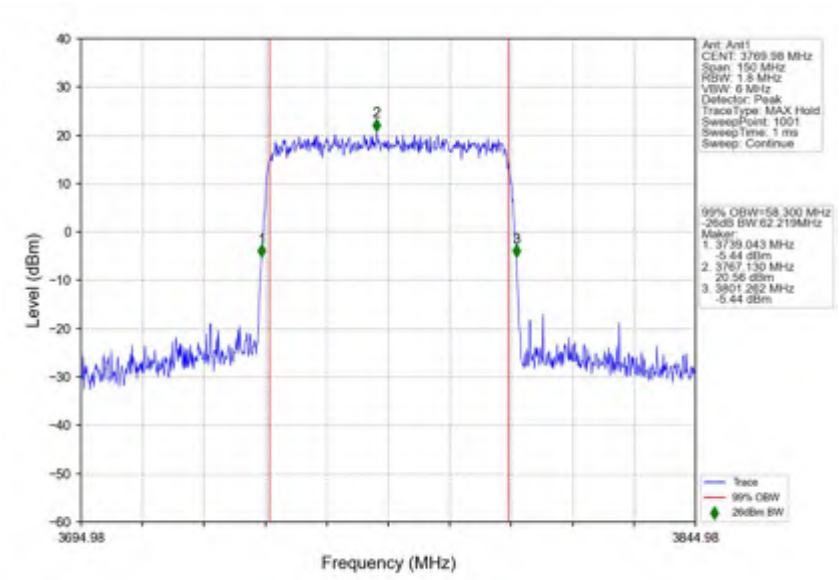
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 16 QAM_3730.02MHz_Outer_Full



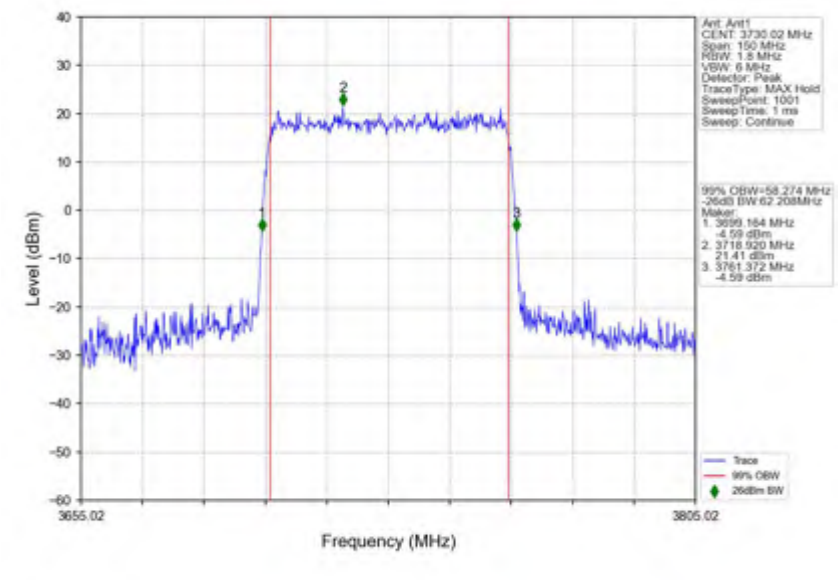
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 16 QAM_3750MHz_Outer_Full



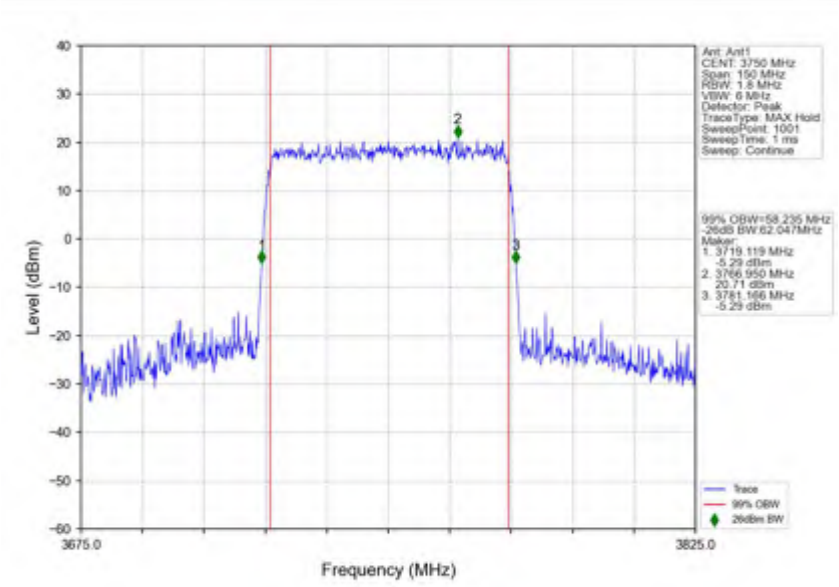
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 16 QAM_3769.98MHz_Outer_Full



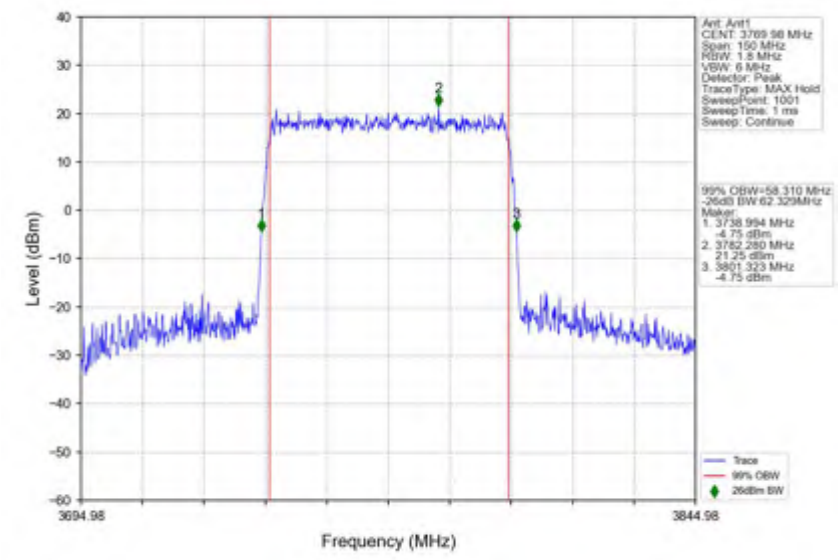
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 64 QAM_3730.02MHz_Outer_Full



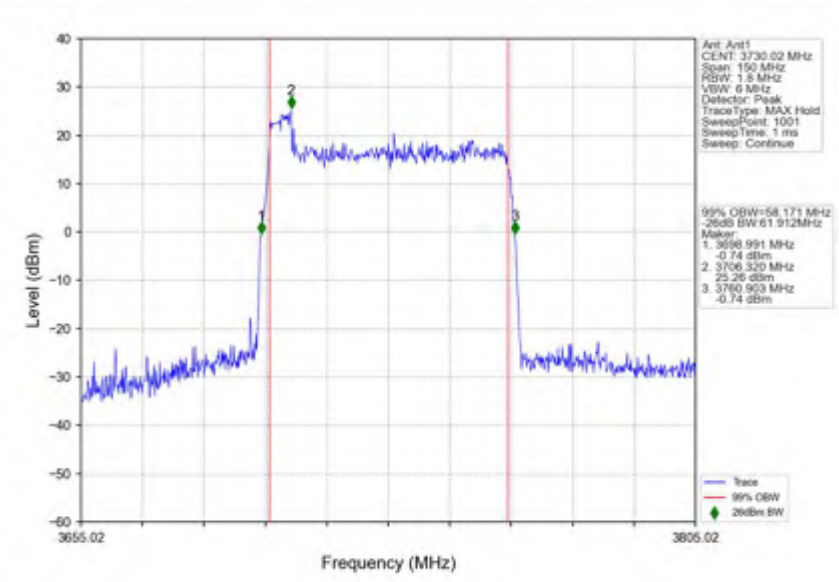
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 64 QAM_3750MHz_Outer_Full



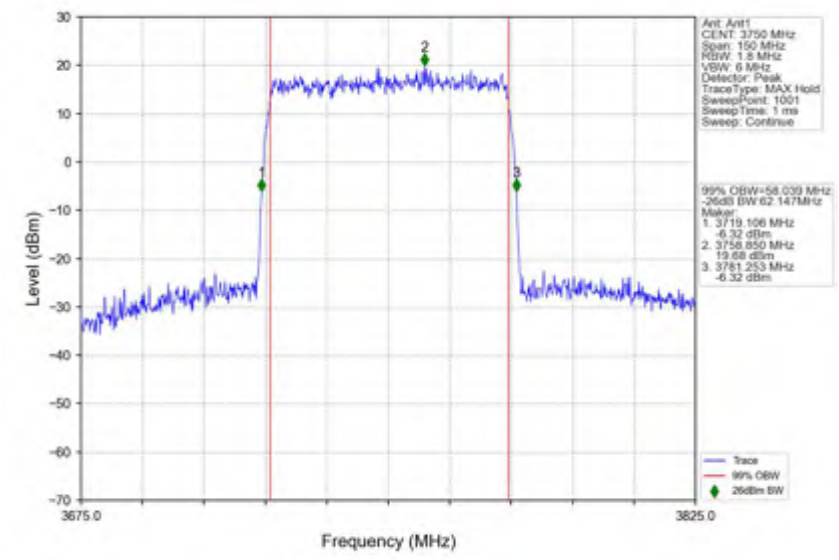
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 64 QAM_3769.98MHz_Outer_Full



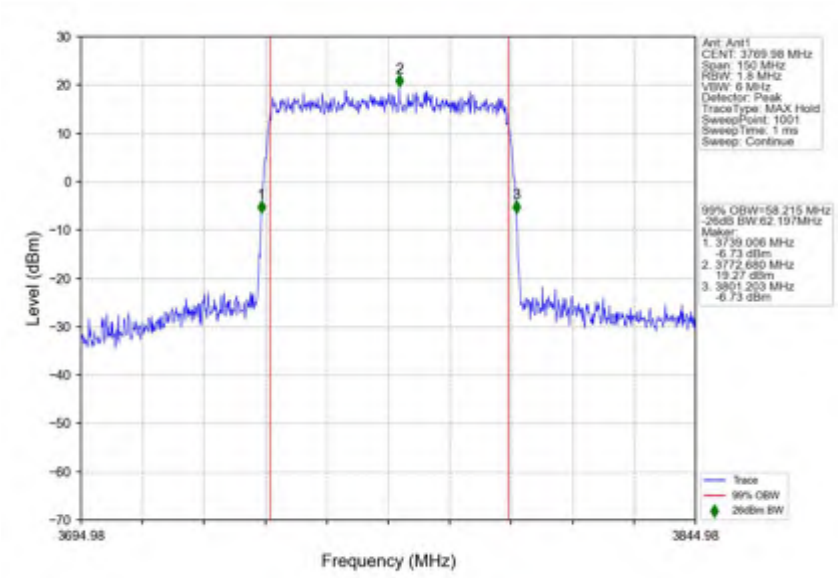
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 256 QAM_3730.02MHz_Outer_Full



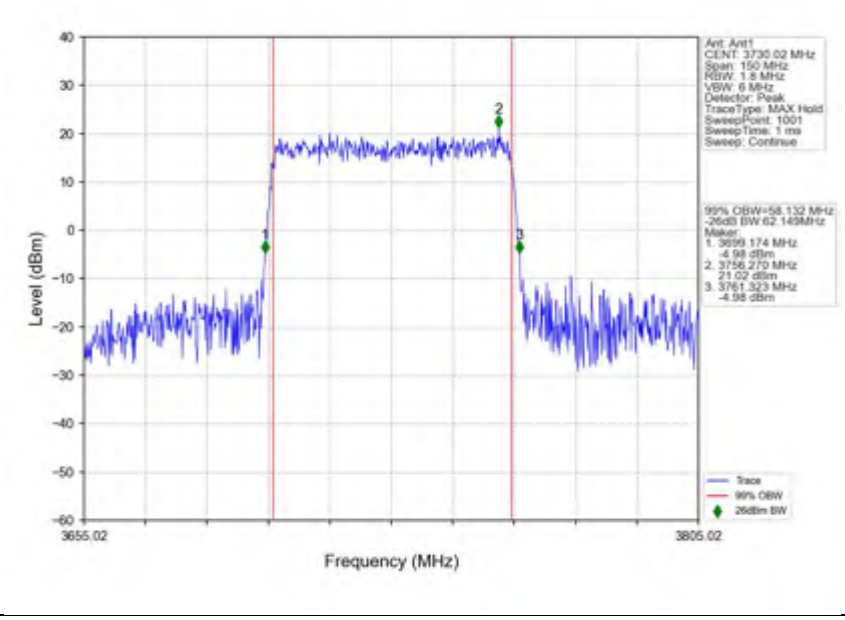
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 256 QAM_3750MHz_Outer_Full



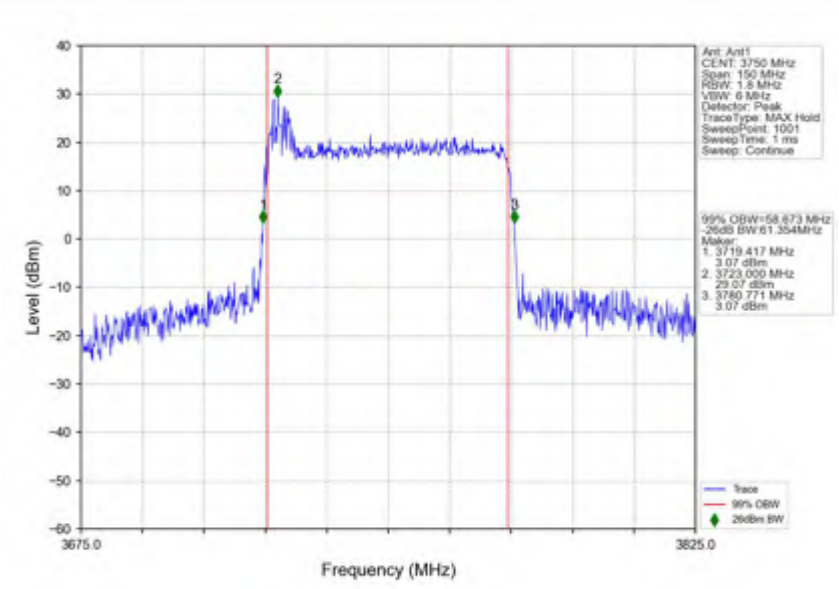
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 256 QAM_3769.98MHz_Outer_Full



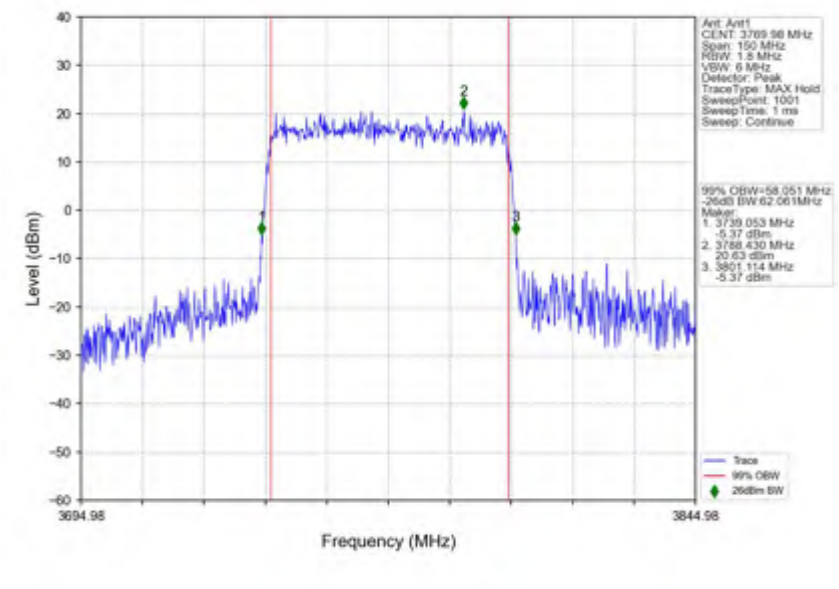
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Outer_Full



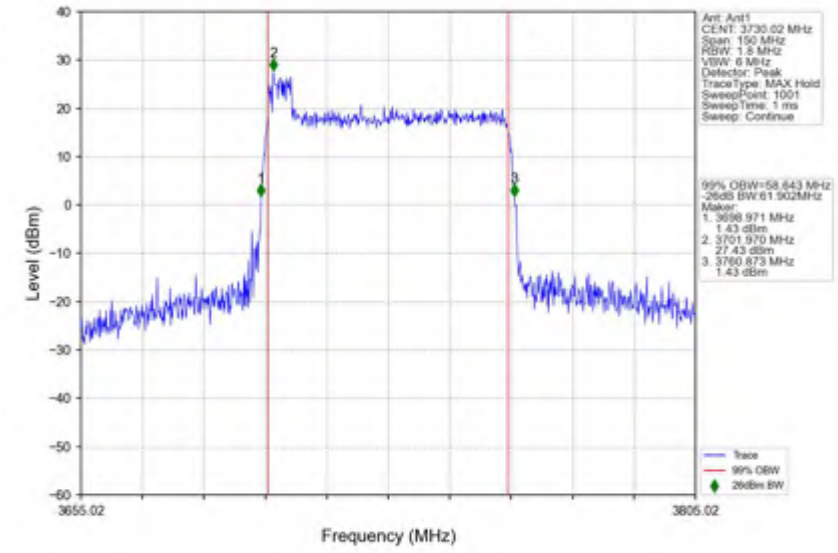
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_3750MHz_Outer_Full



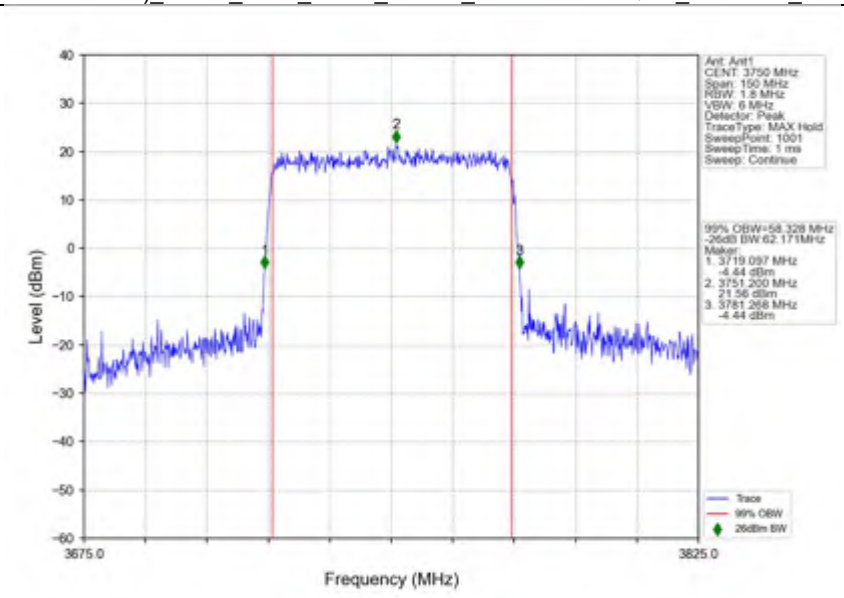
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_3769.98MHz_Outer_Full



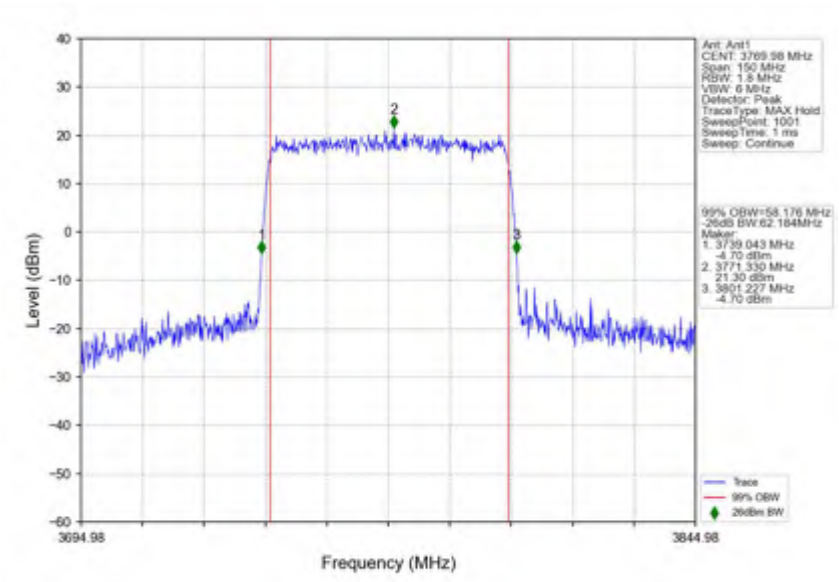
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM_3730.02MHz_Outer_Full



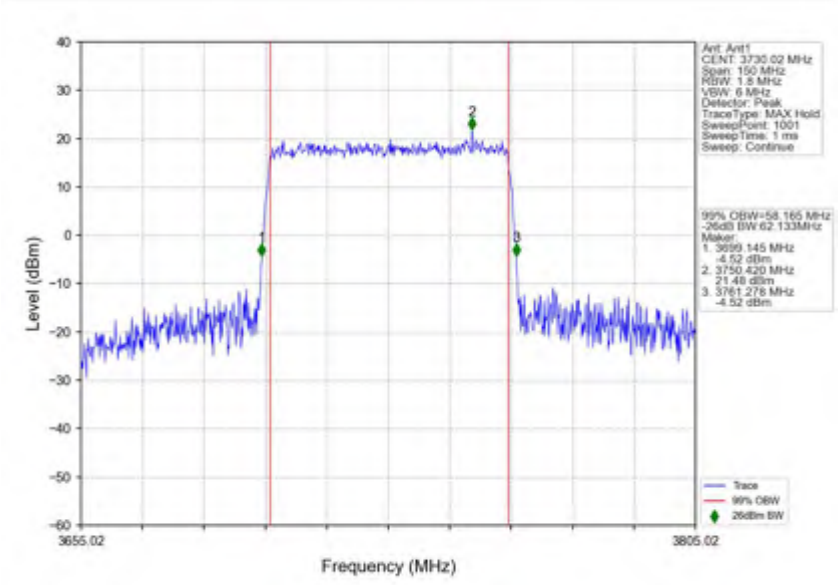
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM_3750MHz_Outer_Full



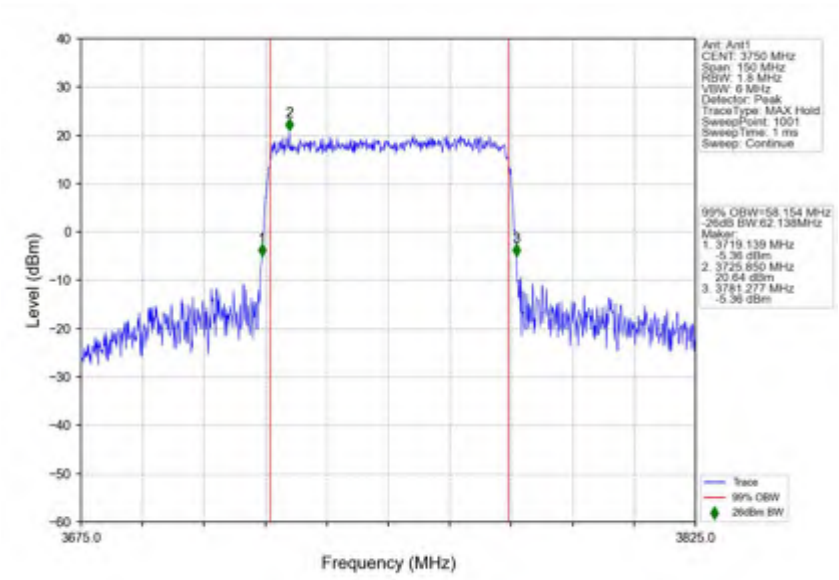
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM_3769.98MHz_Outer_Full



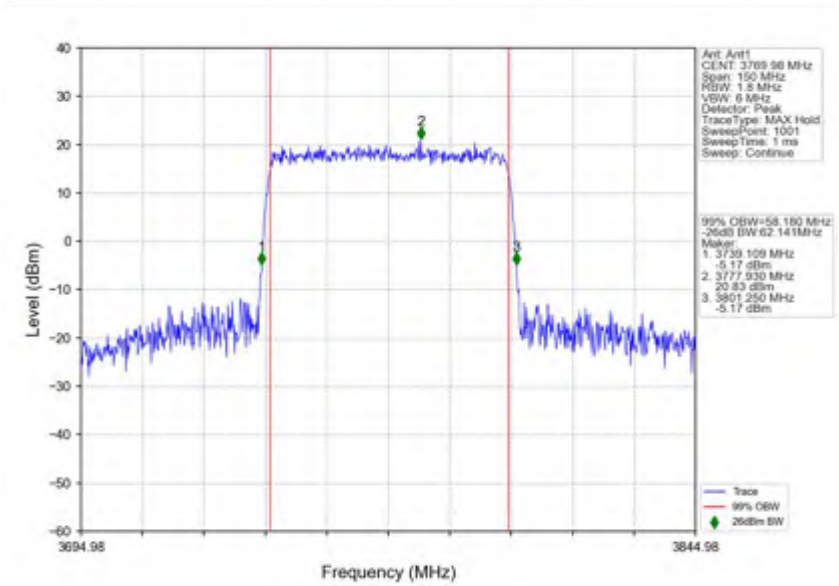
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM_3730.02MHz_Outer_Full



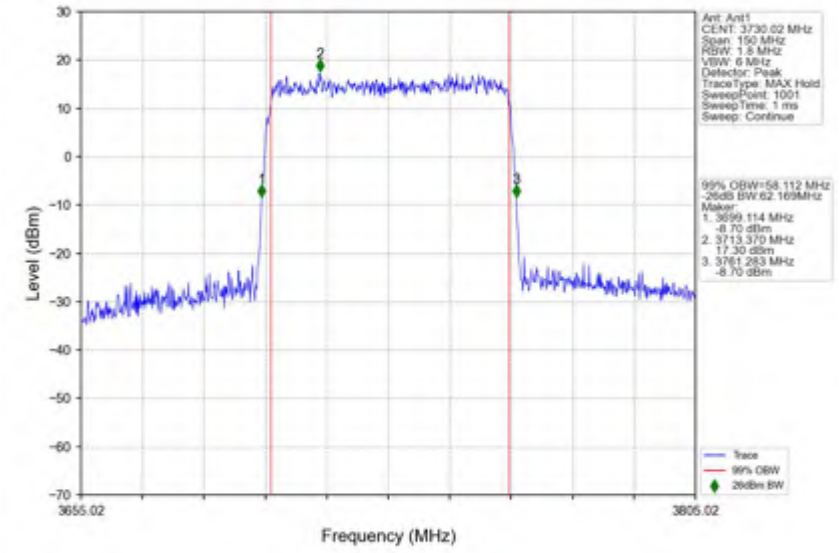
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM_3750MHz_Outer_Full



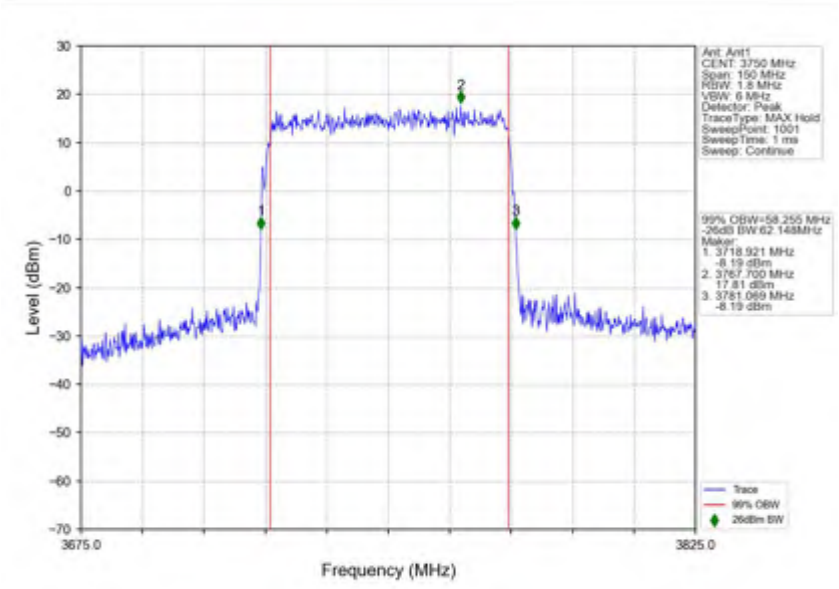
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM_3769.98MHz_Outer_Full



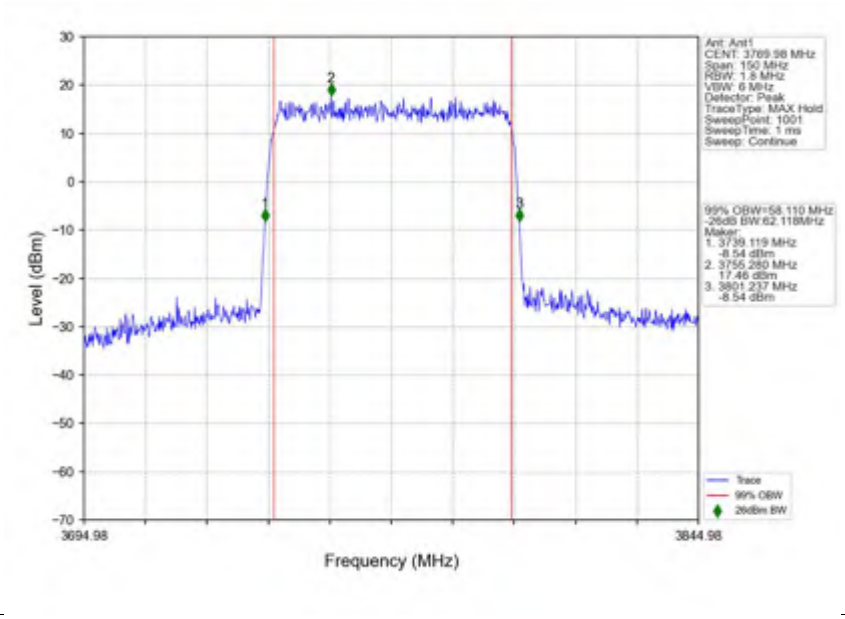
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM_3730.02MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM_3750MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM_3769.98MHz_Outer_Full



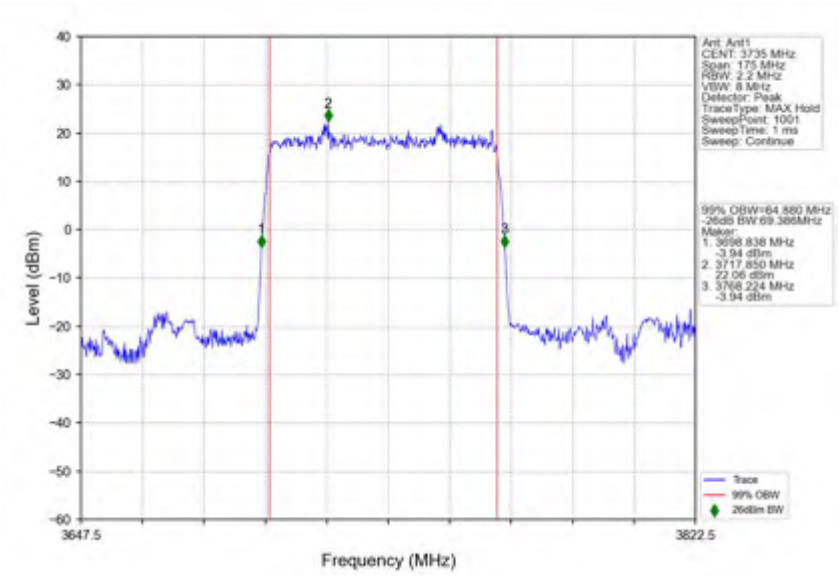
3.6 30k_SISO_70MHz_NTNV

3.6.1 Test Result

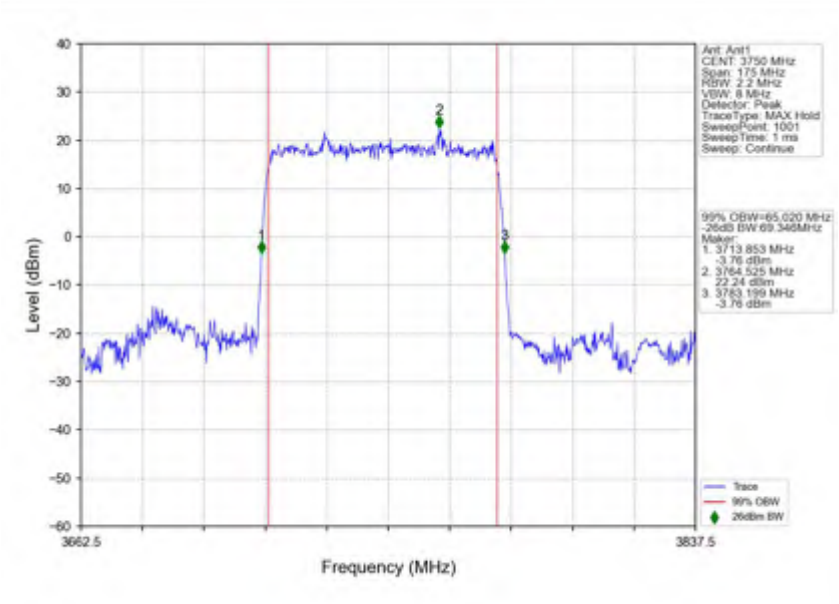
5G NR n78(3700-3800MHz) SCS=30kHz SISO 70MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3735	Outer_Full	64.88	69.39	/	Pass
	3750	Outer_Full	65.02	69.35	/	Pass
	3765	Outer_Full	64.70	69.37	/	Pass
DFT-s-OFDM QPSK	3735	Outer_Full	64.85	69.44	/	Pass
	3750	Outer_Full	64.86	69.59	/	Pass
	3765	Outer_Full	64.68	69.44	/	Pass
DFT-s-OFDM 16 QAM	3735	Outer_Full	64.89	69.44	/	Pass
	3750	Outer_Full	65.20	69.40	/	Pass
	3765	Outer_Full	65.26	69.64	/	Pass
DFT-s-OFDM 64 QAM	3735	Outer_Full	65.06	69.56	/	Pass
	3750	Outer_Full	64.93	69.60	/	Pass
	3765	Outer_Full	64.97	69.55	/	Pass
DFT-s-OFDM 256 QAM	3735	Outer_Full	64.83	69.39	/	Pass
	3750	Outer_Full	65.30	68.64	/	Pass
	3765	Outer_Full	64.94	69.52	/	Pass
CP-OFDM QPSK	3735	Outer_Full	68.41	73.95	/	Pass
	3750	Outer_Full	68.35	72.69	/	Pass
	3765	Outer_Full	68.45	71.91	/	Pass
CP-OFDM 16 QAM	3735	Outer_Full	68.04	72.56	/	Pass
	3750	Outer_Full	68.17	72.61	/	Pass
	3765	Outer_Full	68.03	72.72	/	Pass
CP-OFDM 64 QAM	3735	Outer_Full	68.15	72.69	/	Pass
	3750	Outer_Full	68.01	72.52	/	Pass
	3765	Outer_Full	68.24	72.76	/	Pass
CP-OFDM 256 QAM	3735	Outer_Full	68.06	72.56	/	Pass
	3750	Outer_Full	67.89	72.49	/	Pass
	3765	Outer_Full	67.90	72.51	/	Pass

3.6.2 Test Graph

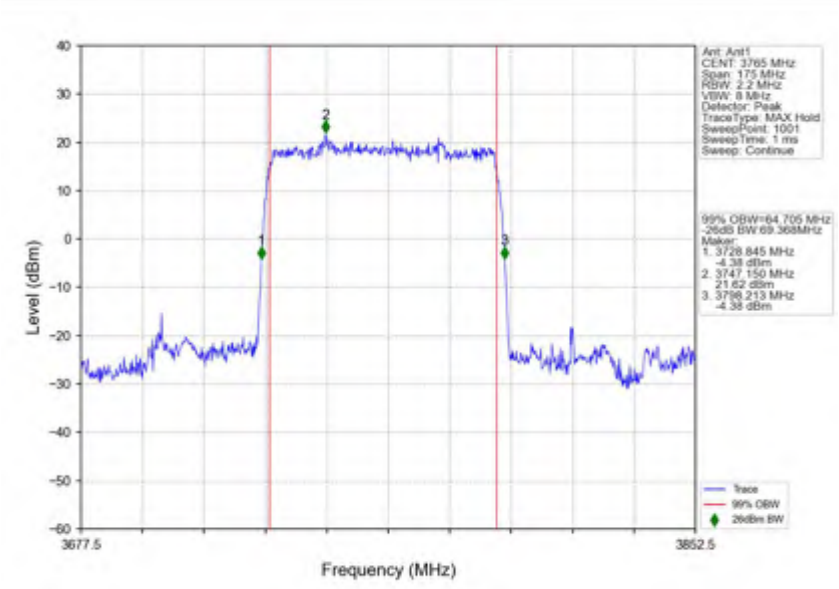
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3735MHz_Outer_Full



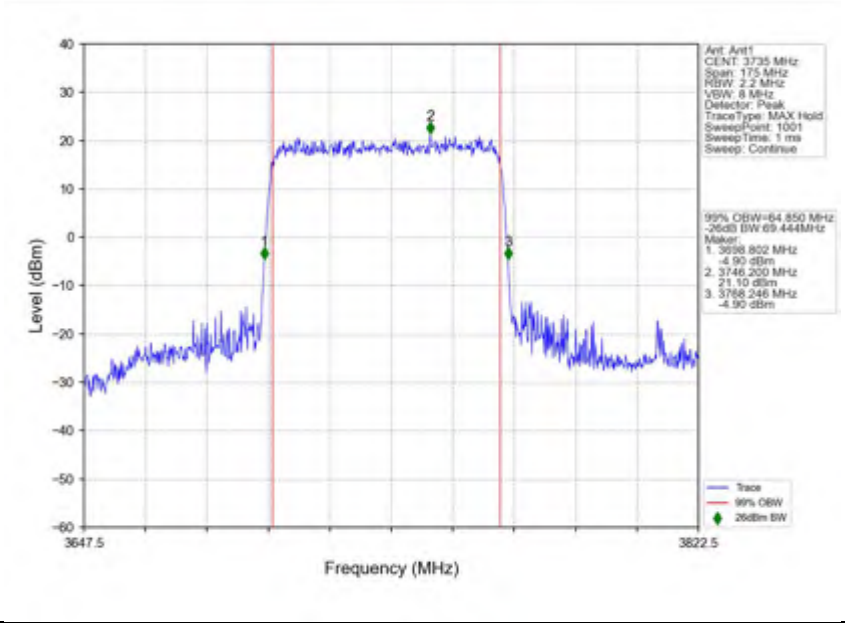
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full



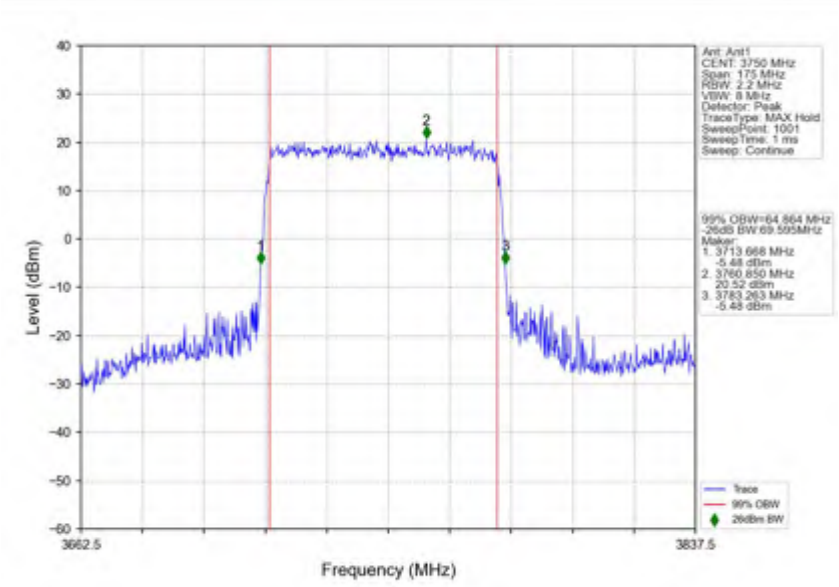
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3765MHz_Outer_Full



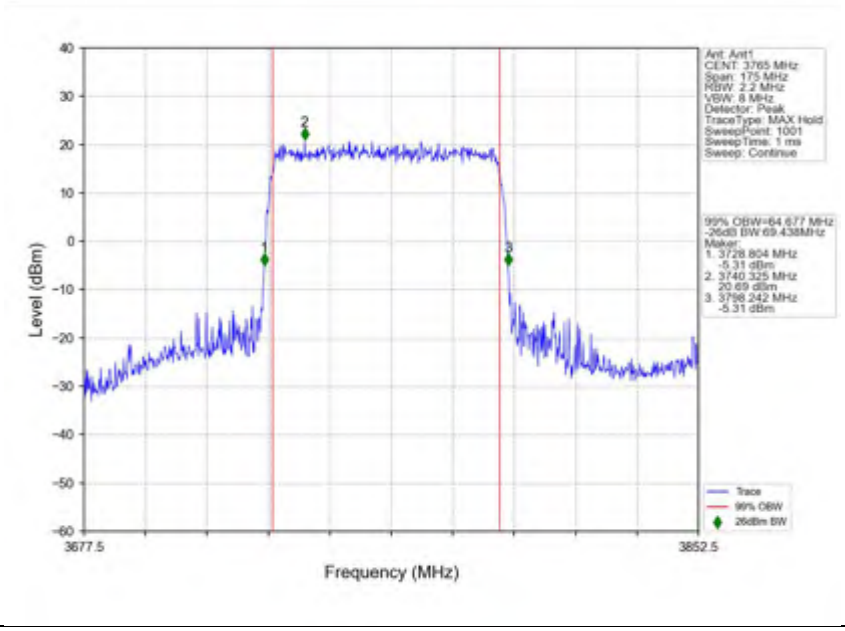
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM QPSK_3735MHz_Outer_Full



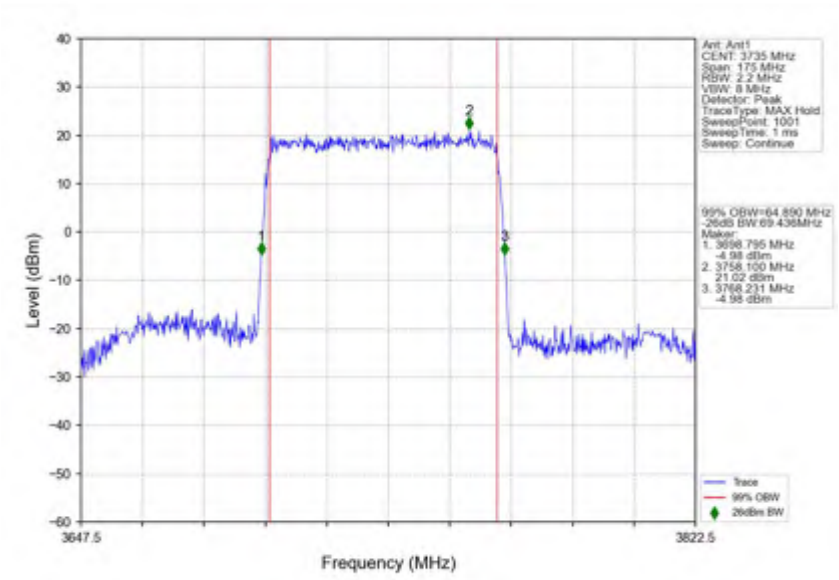
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full



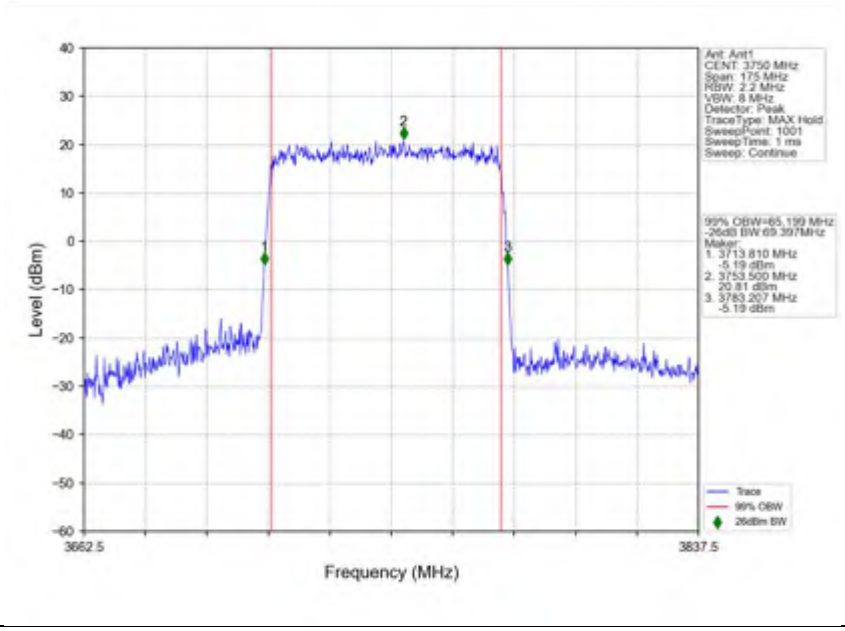
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM QPSK_3765MHz_Outer_Full



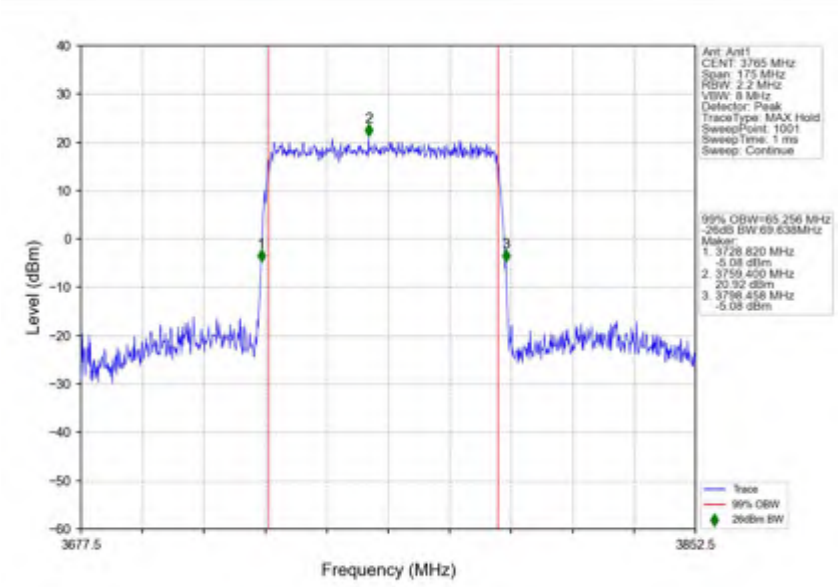
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 16 QAM_3735MHz_Outer_Full



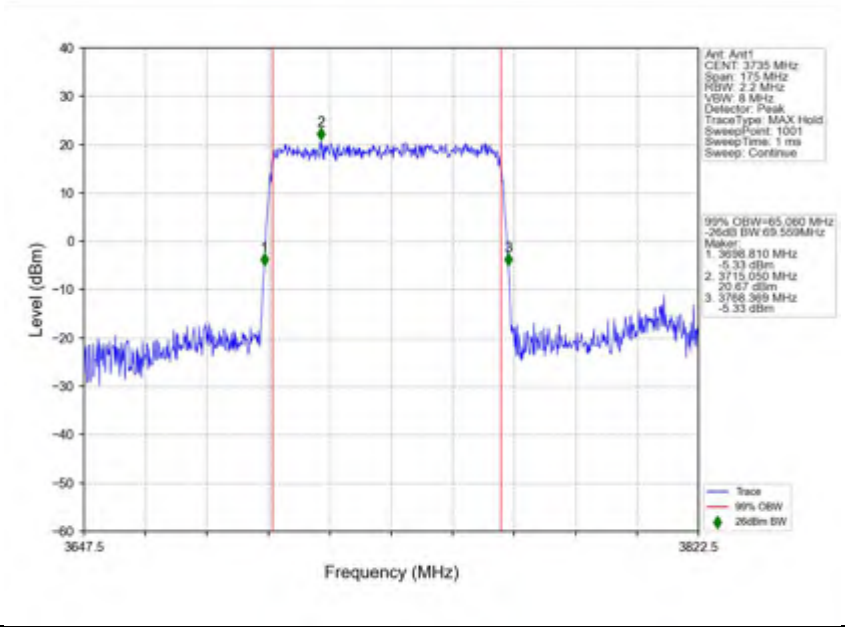
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 16 QAM_3750MHz_Outer_Full



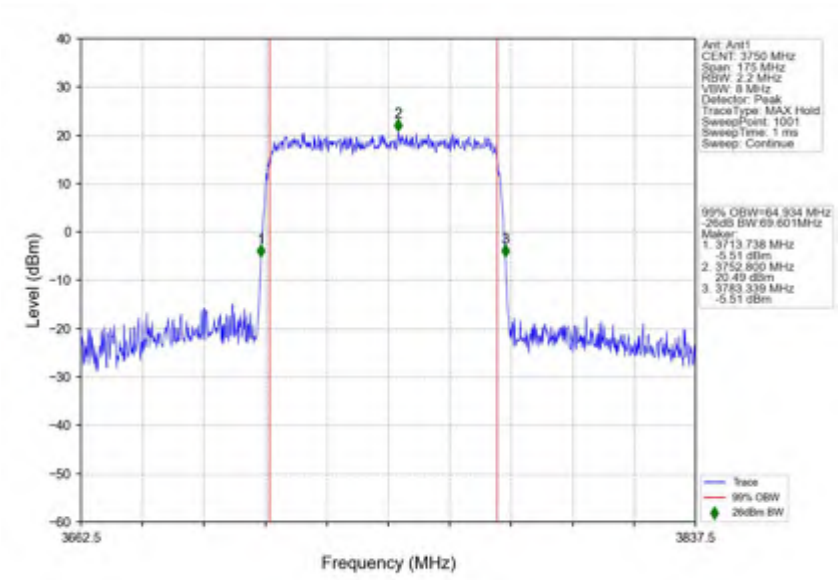
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 16 QAM_3765MHz_Outer_Full



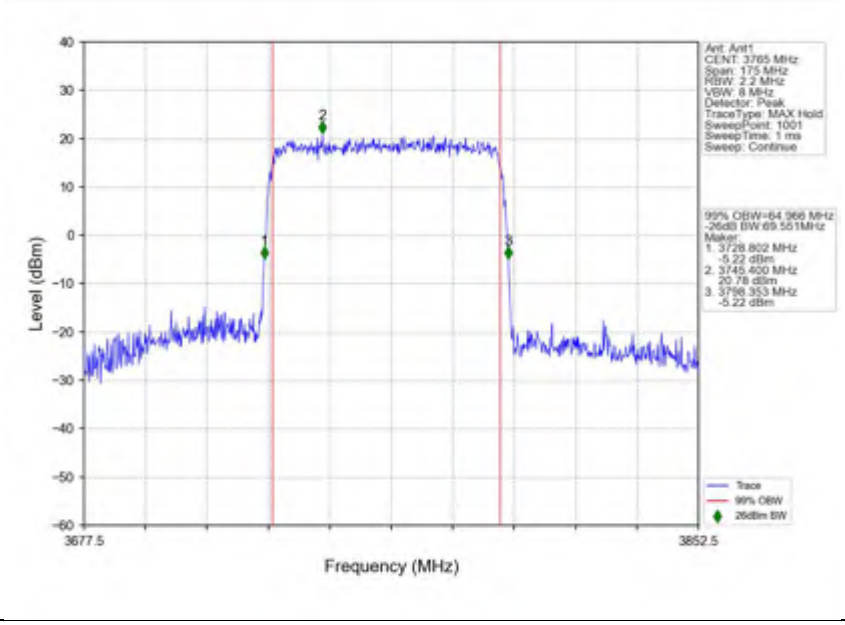
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 64 QAM_3735MHz_Outer_Full



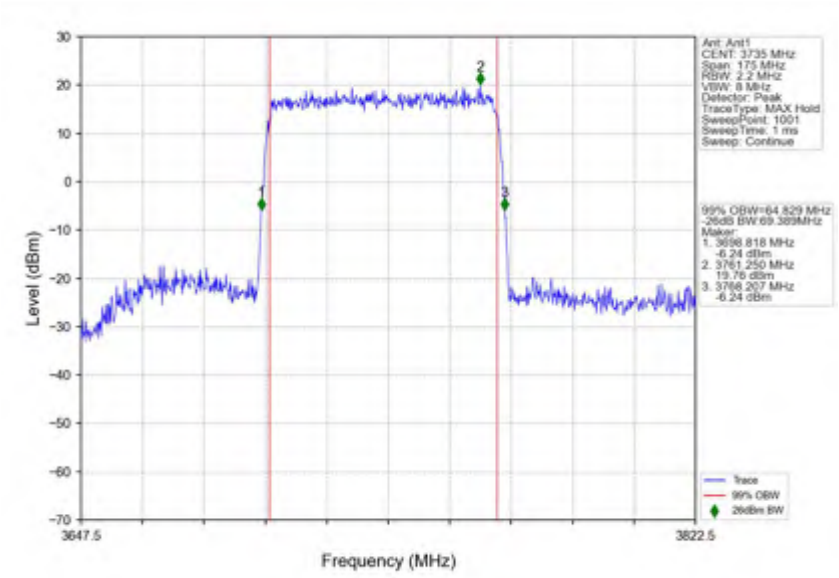
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 64 QAM_3750MHz_Outer_Full



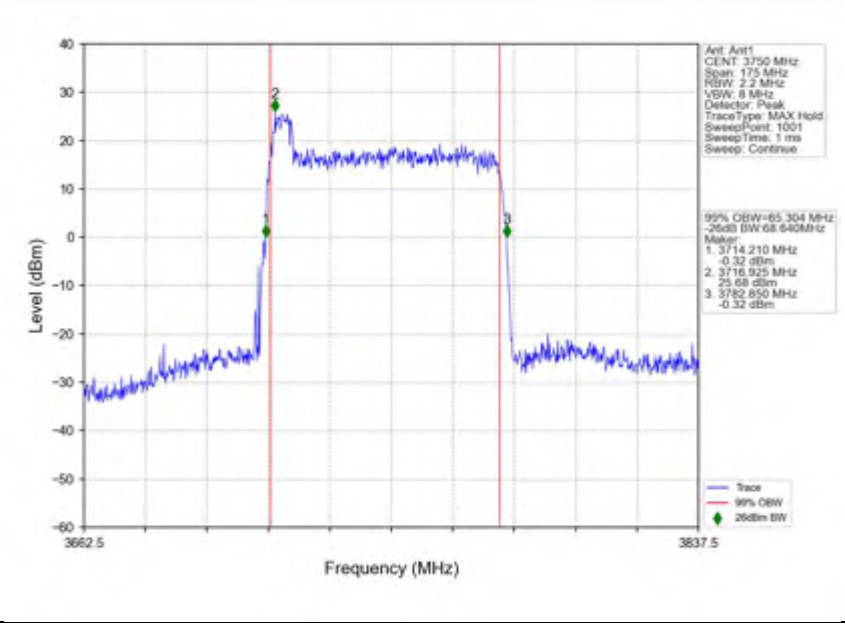
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 64 QAM_3765MHz_Outer_Full



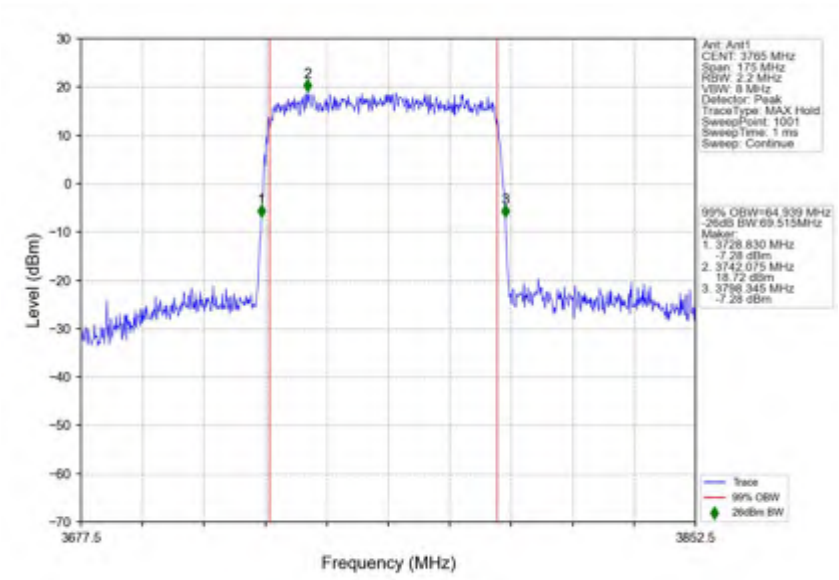
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 256 QAM_3735MHz_Outer_Full



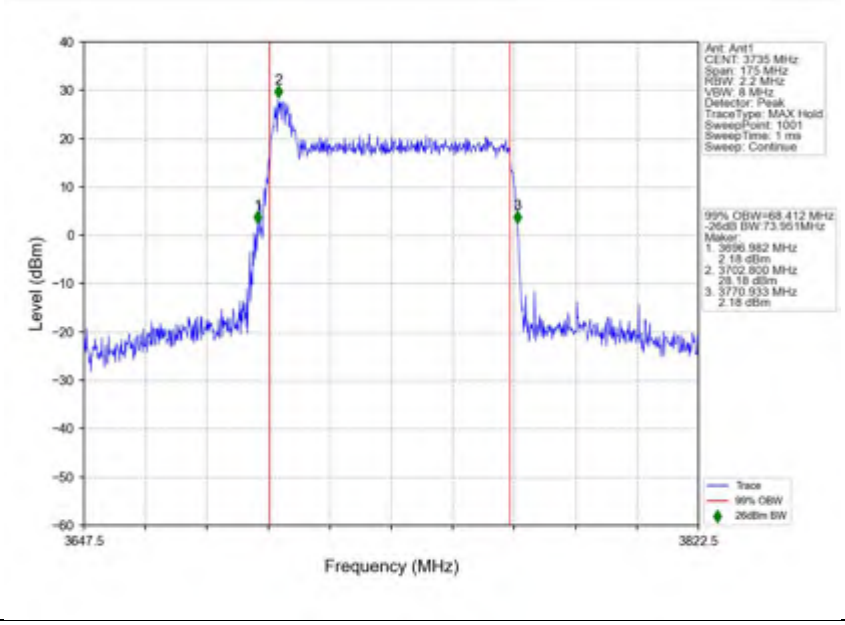
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 256 QAM_3750MHz_Outer_Full



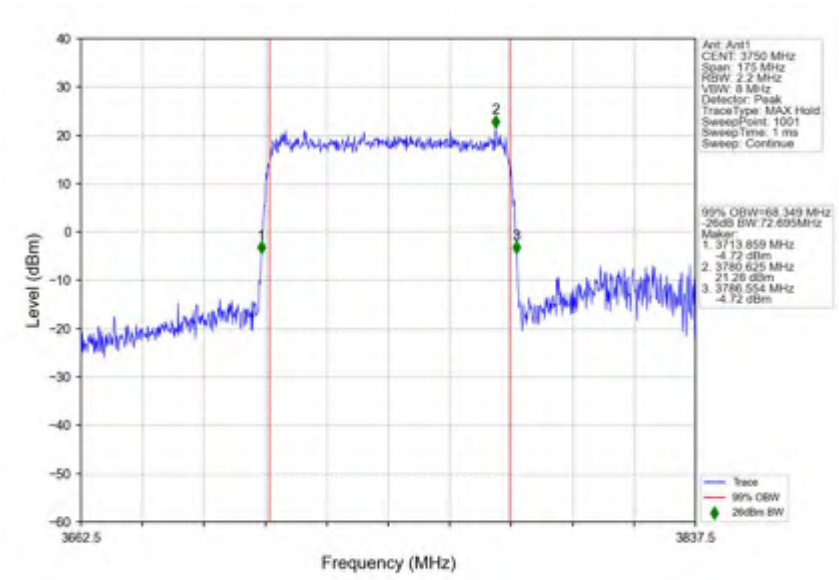
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 256 QAM_3765MHz_Outer_Full



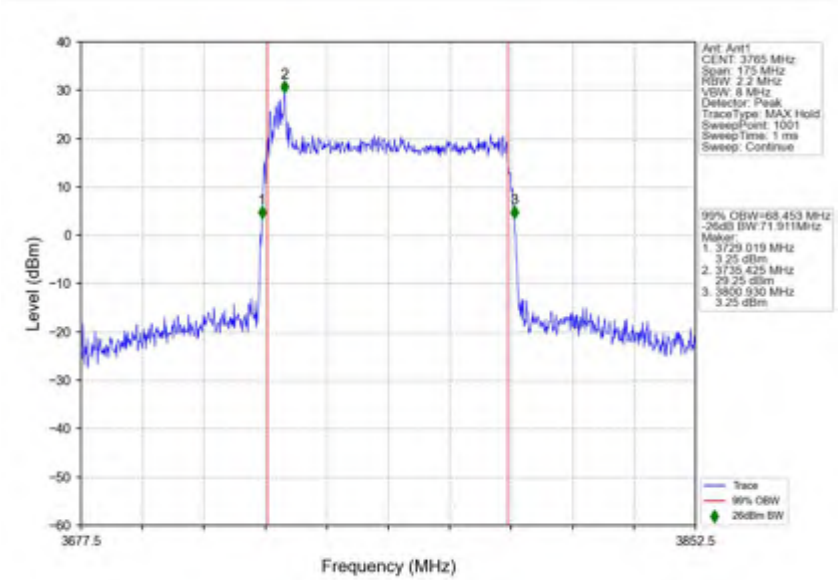
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3735MHz_Outer_Full



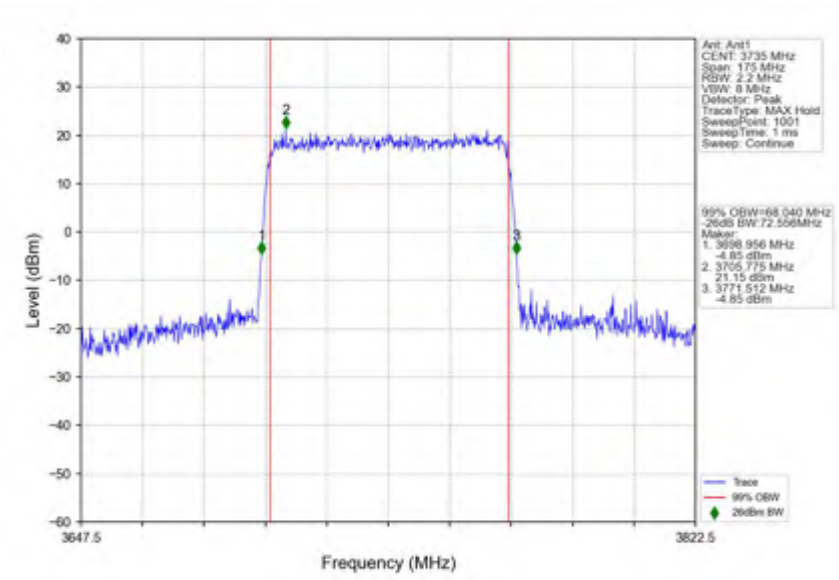
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3750MHz_Outer_Full



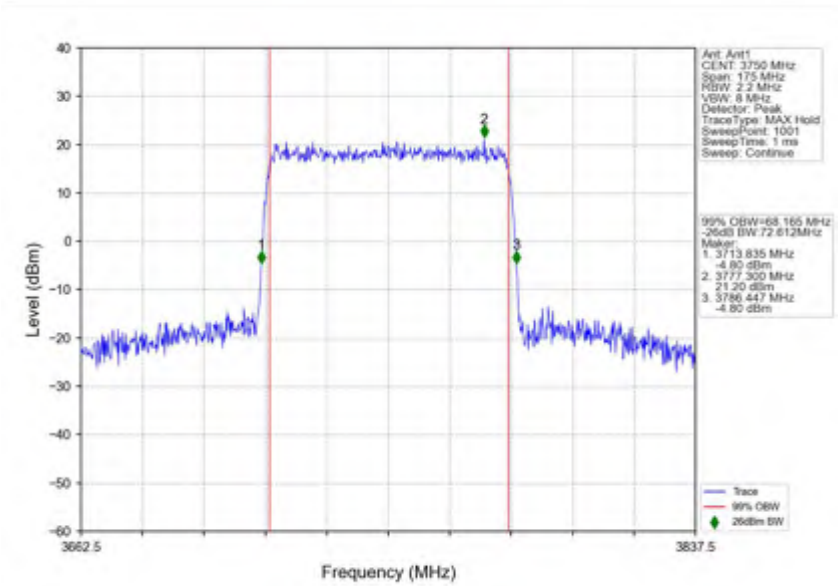
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3765MHz_Outer_Full



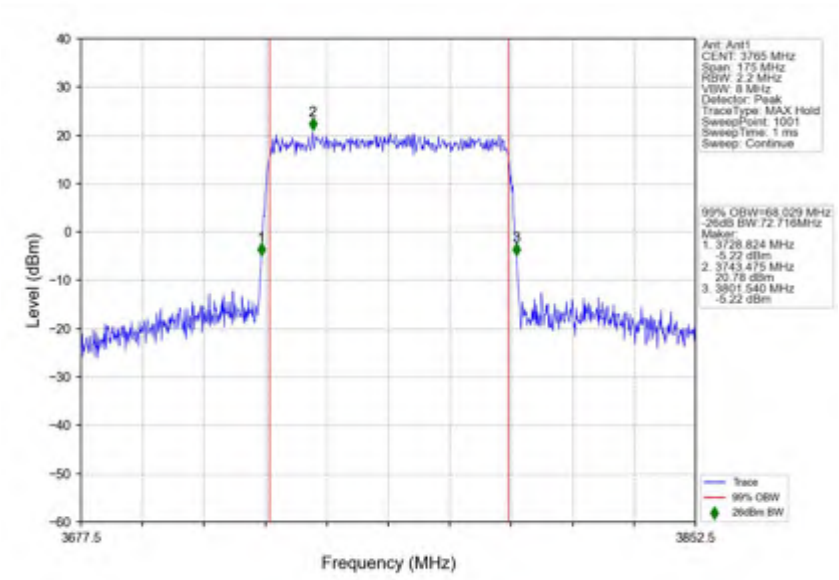
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 QAM_3735MHz_Outer_Full



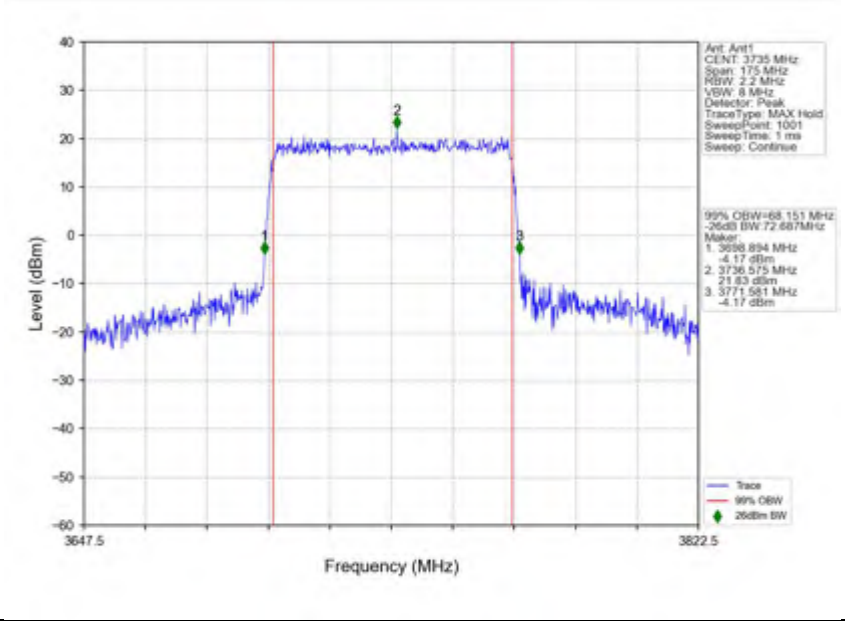
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 QAM_3750MHz_Outer_Full



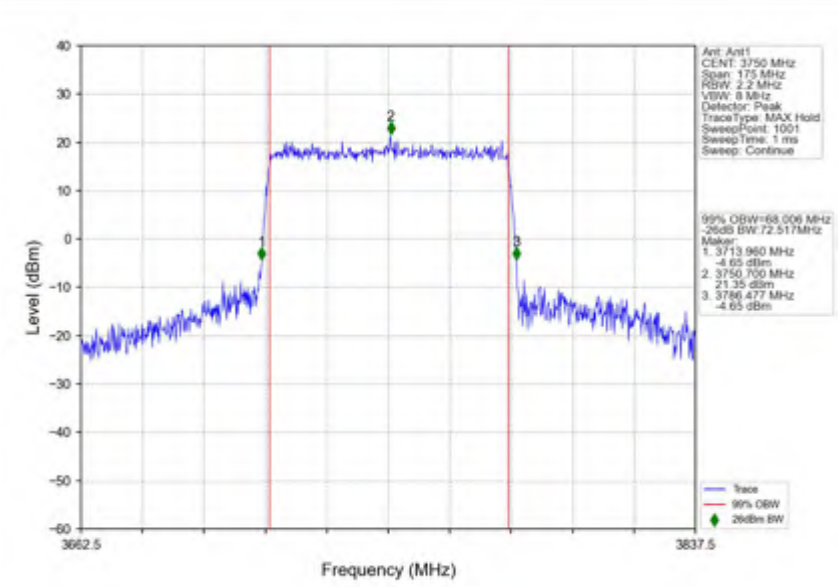
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 QAM_3765MHz_Outer_Full



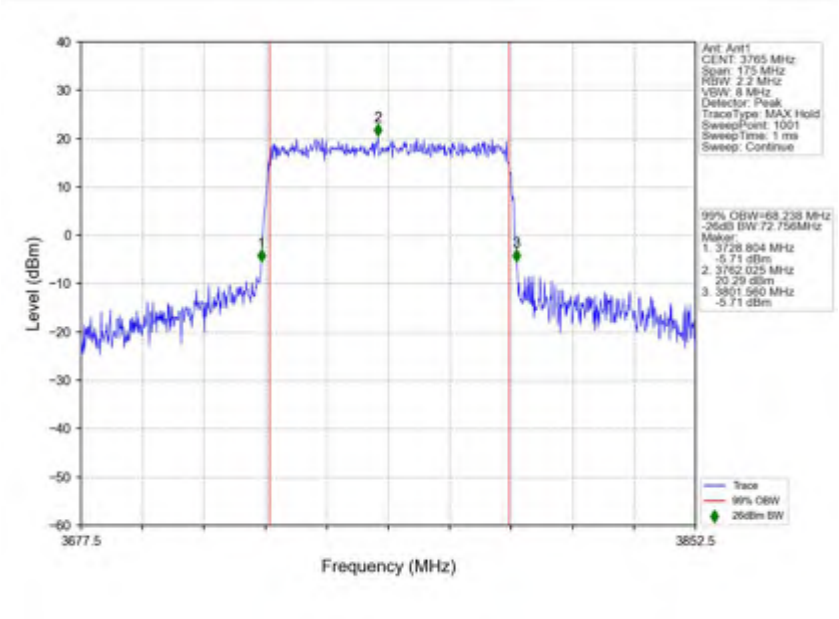
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM_3735MHz_Outer_Full



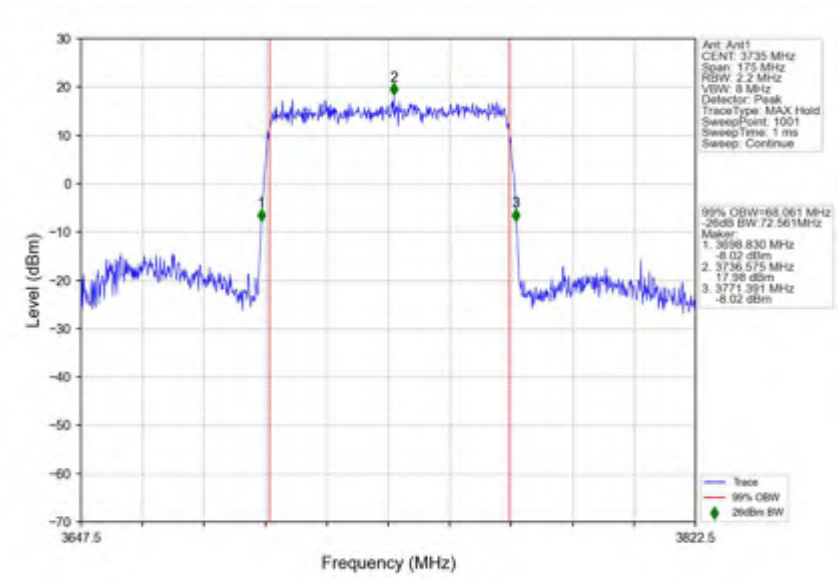
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM_3750MHz_Outer_Full



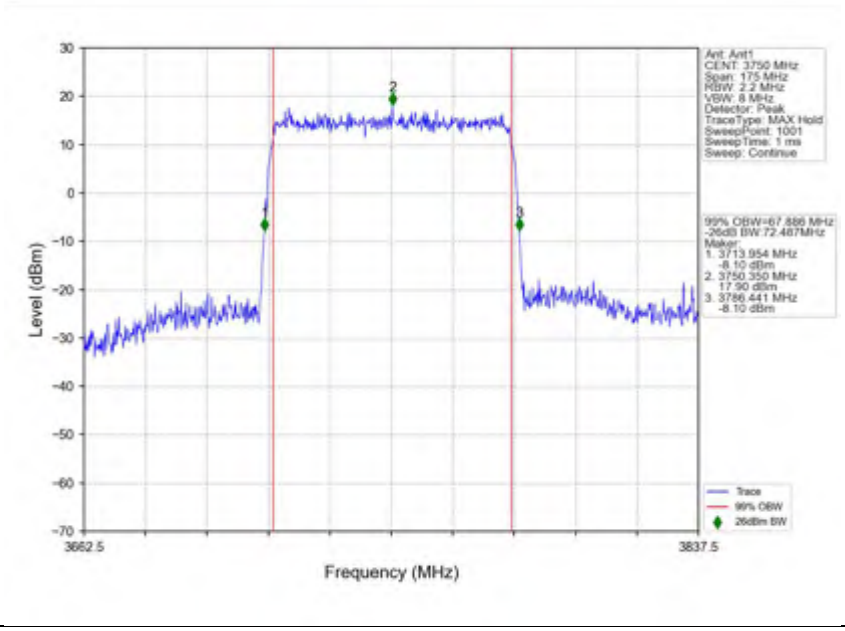
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM_3765MHz_Outer_Full



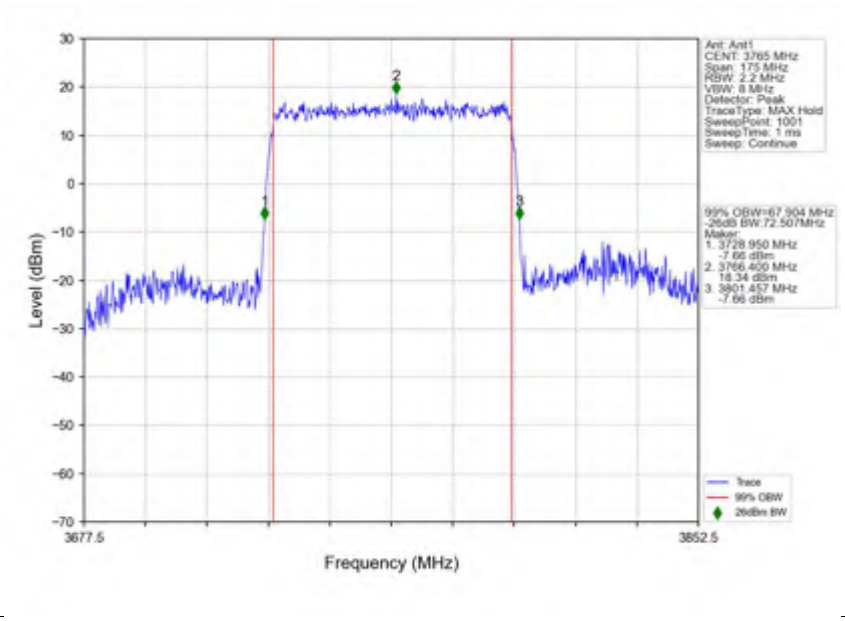
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM 256 QAM_3735MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM 256 QAM_3750MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM 256 QAM_3765MHz_Outer_Full



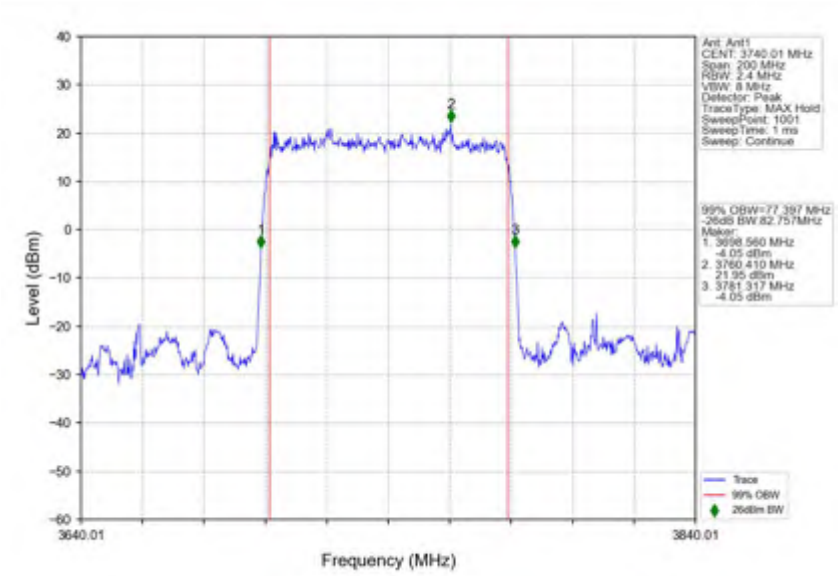
3.7 30k_SISO_80MHz_NTNV

3.7.1 Test Result

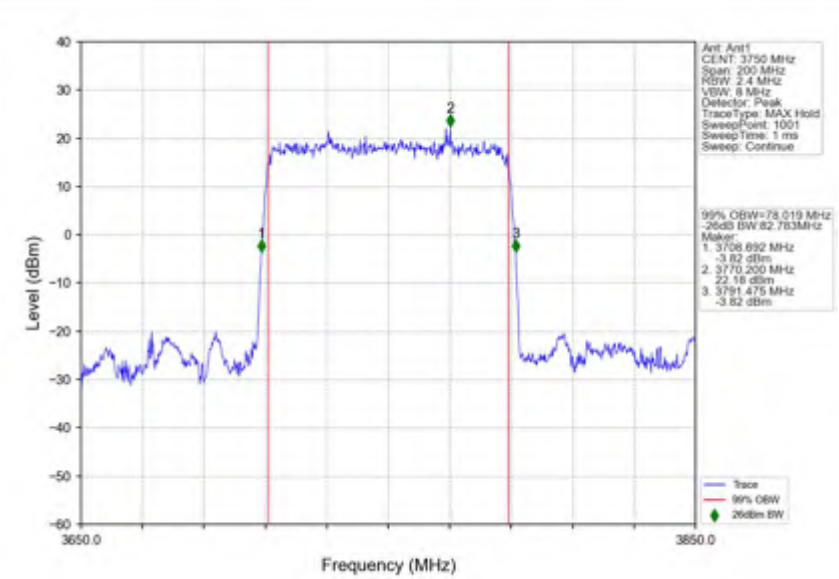
5G NR n78(3700-3800MHz) SCS=30kHz SISO 80MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3740.01	Outer_Full	77.40	82.76	/	Pass
	3750	Outer_Full	78.02	82.78	/	Pass
	3759.99	Outer_Full	77.28	82.92	/	Pass
DFT-s-OFDM QPSK	3740.01	Outer_Full	77.68	82.98	/	Pass
	3750	Outer_Full	77.74	83.11	/	Pass
	3759.99	Outer_Full	77.66	82.88	/	Pass
DFT-s-OFDM 16 QAM	3740.01	Outer_Full	77.78	83.16	/	Pass
	3750	Outer_Full	78.08	82.92	/	Pass
	3759.99	Outer_Full	77.68	82.76	/	Pass
DFT-s-OFDM 64 QAM	3740.01	Outer_Full	77.89	82.93	/	Pass
	3750	Outer_Full	77.97	82.66	/	Pass
	3759.99	Outer_Full	77.77	82.69	/	Pass
DFT-s-OFDM 256 QAM	3740.01	Outer_Full	77.65	82.84	/	Pass
	3750	Outer_Full	77.71	82.92	/	Pass
	3759.99	Outer_Full	77.72	82.62	/	Pass
CP-OFDM QPSK	3740.01	Outer_Full	78.00	83.23	/	Pass
	3750	Outer_Full	78.81	82.44	/	Pass
	3759.99	Outer_Full	78.06	83.44	/	Pass
CP-OFDM 16 QAM	3740.01	Outer_Full	77.99	83.30	/	Pass
	3750	Outer_Full	78.00	83.33	/	Pass
	3759.99	Outer_Full	78.06	83.21	/	Pass
CP-OFDM 64 QAM	3740.01	Outer_Full	78.03	83.27	/	Pass
	3750	Outer_Full	78.18	85.70	/	Pass
	3759.99	Outer_Full	78.05	83.32	/	Pass
CP-OFDM 256 QAM	3740.01	Outer_Full	78.09	83.12	/	Pass
	3750	Outer_Full	78.22	83.22	/	Pass
	3759.99	Outer_Full	78.05	83.19	/	Pass

3.7.2 Test Graph

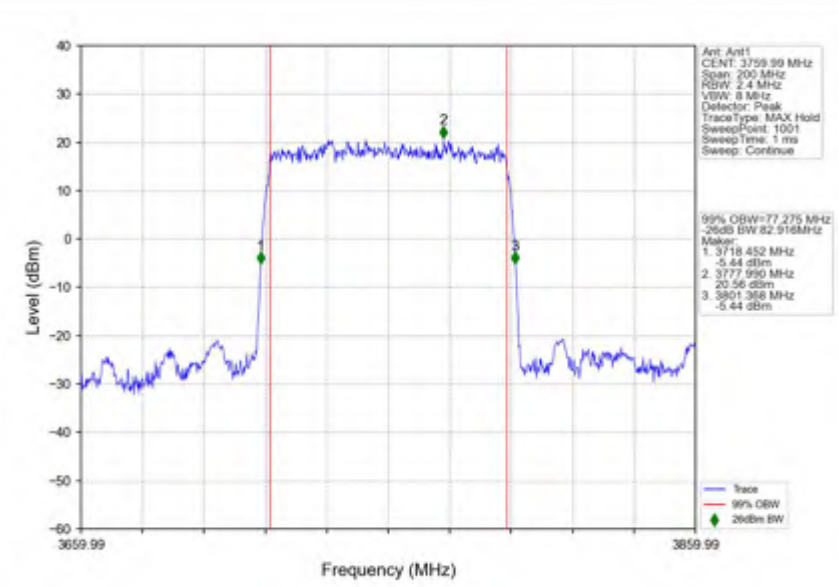
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3740.01MHz_Outer_Full



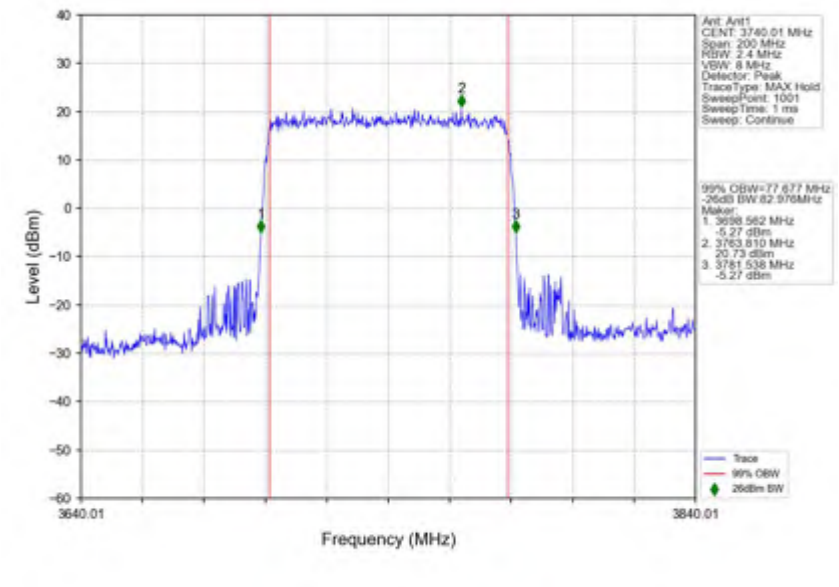
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full



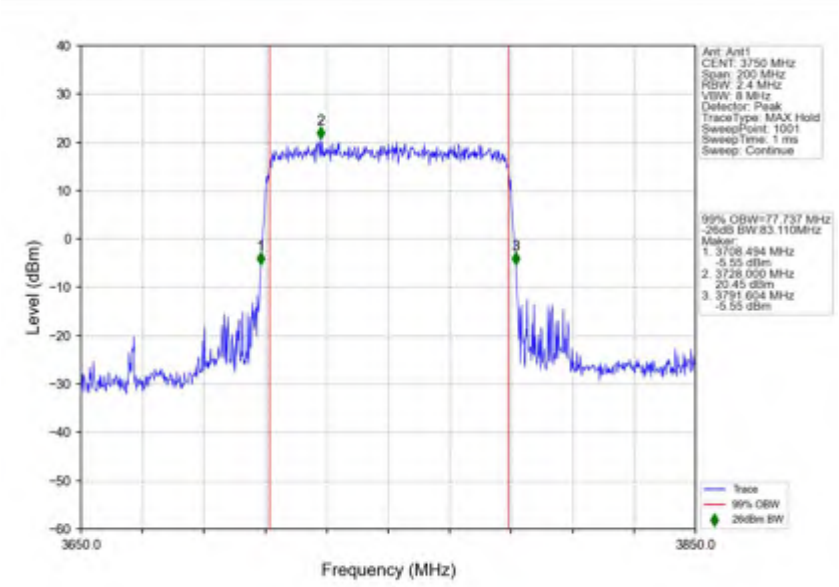
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3759.99MHz_Outer_Full



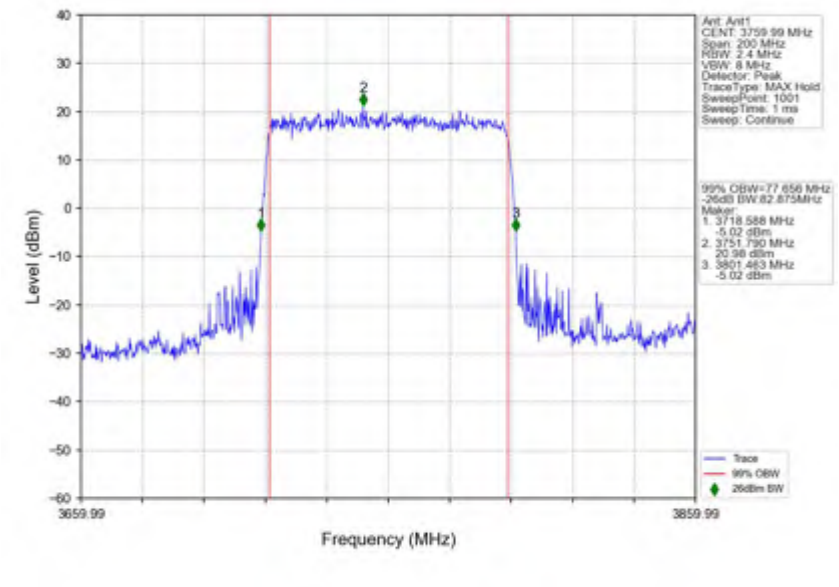
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3740.01MHz_Outer_Full



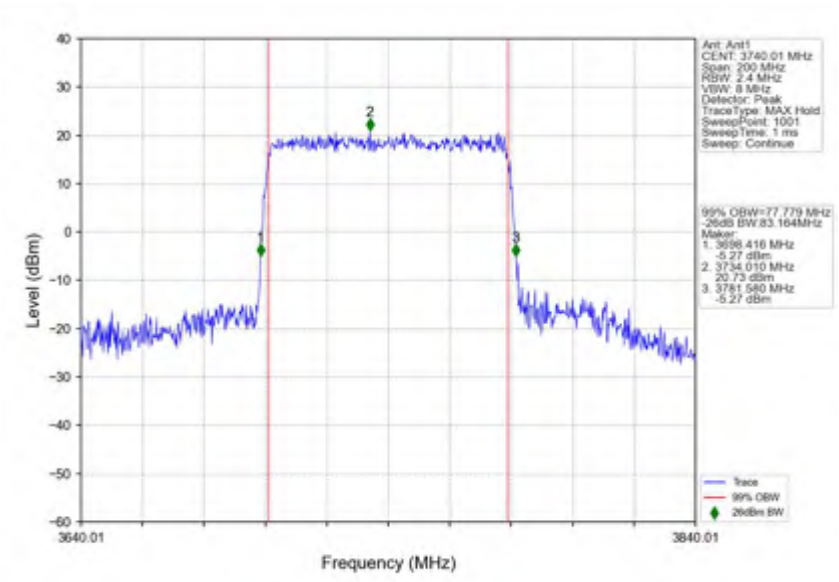
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full



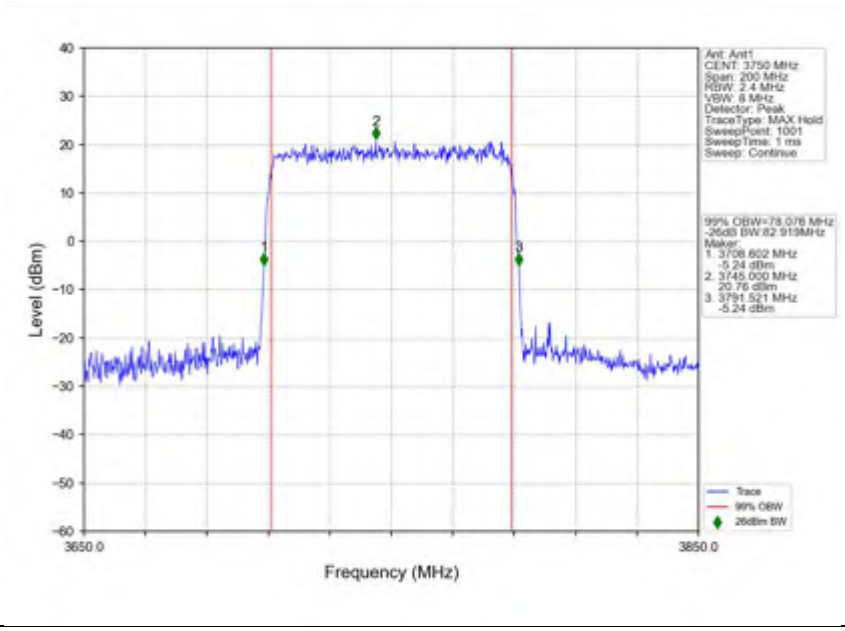
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3759.99MHz_Outer_Full



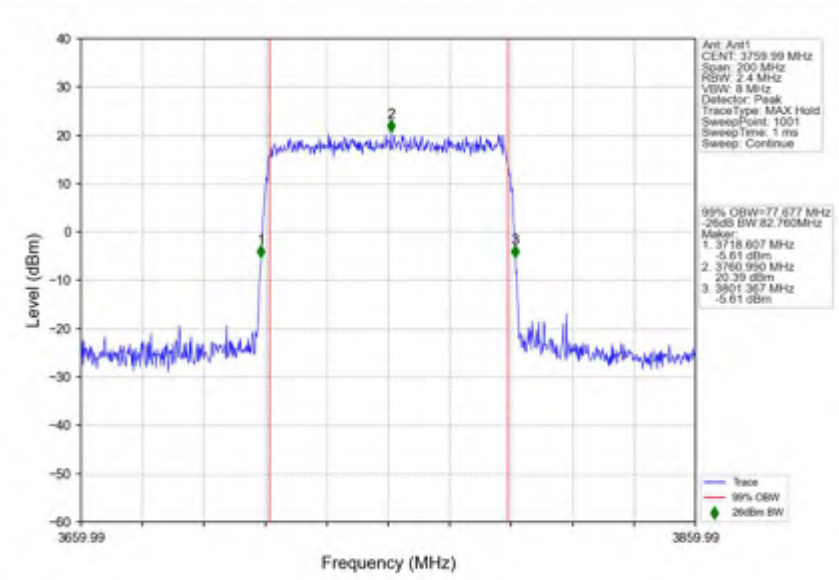
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 16 QAM_3740.01MHz_Outer_Full



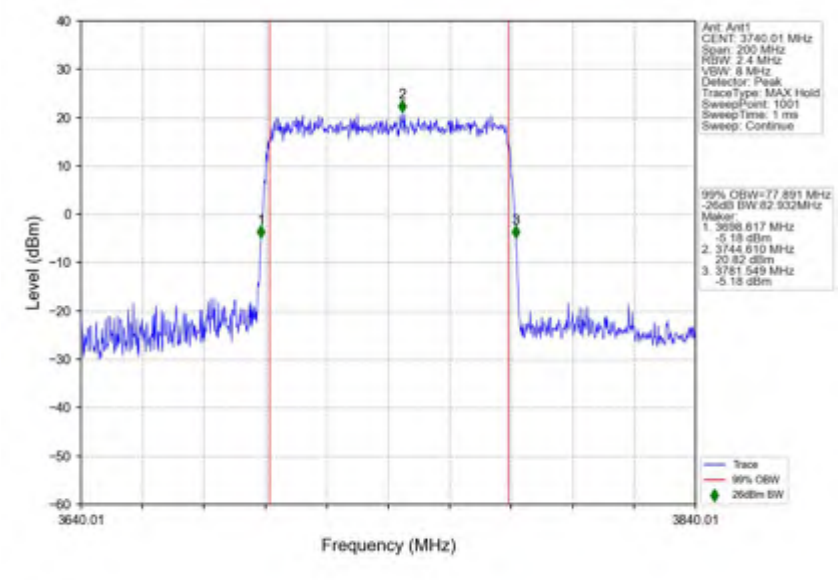
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 16 QAM_3750MHz_Outer_Full



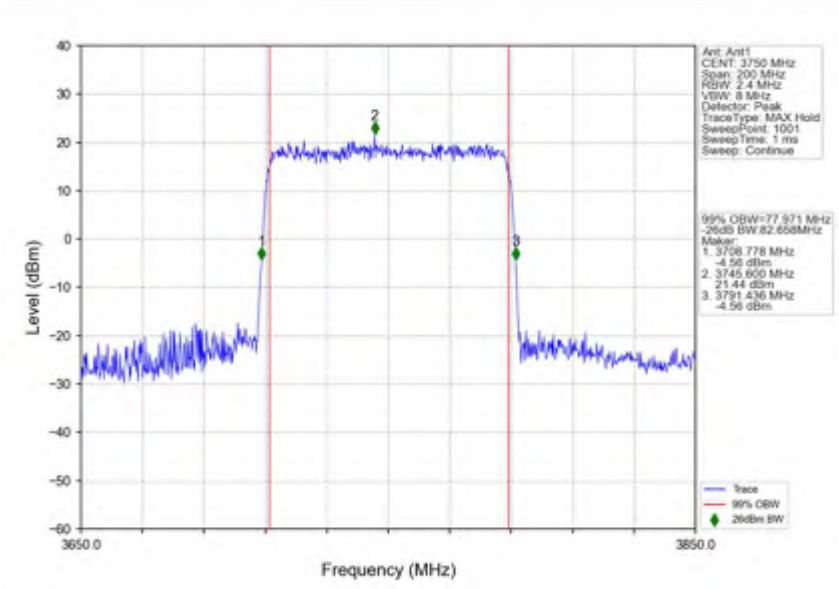
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 16 QAM_3759.99MHz_Outer_Full



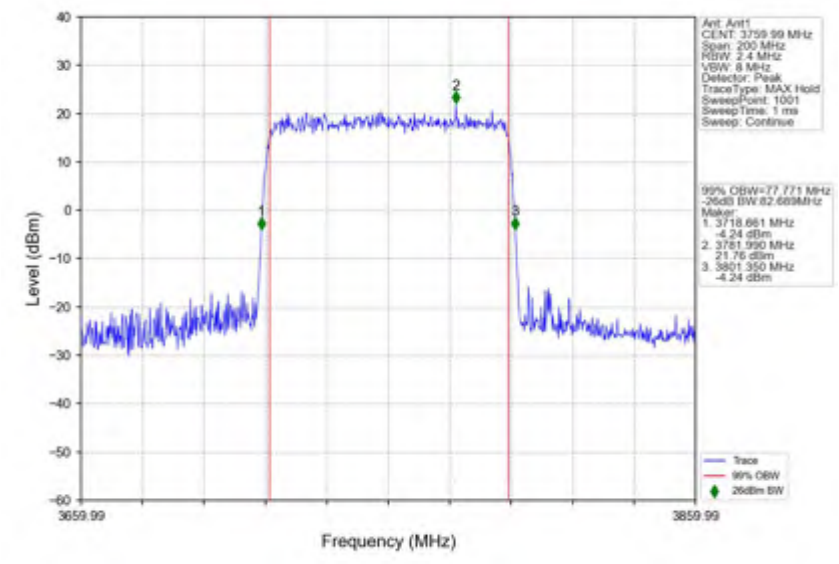
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3740.01MHz_Outer_Full



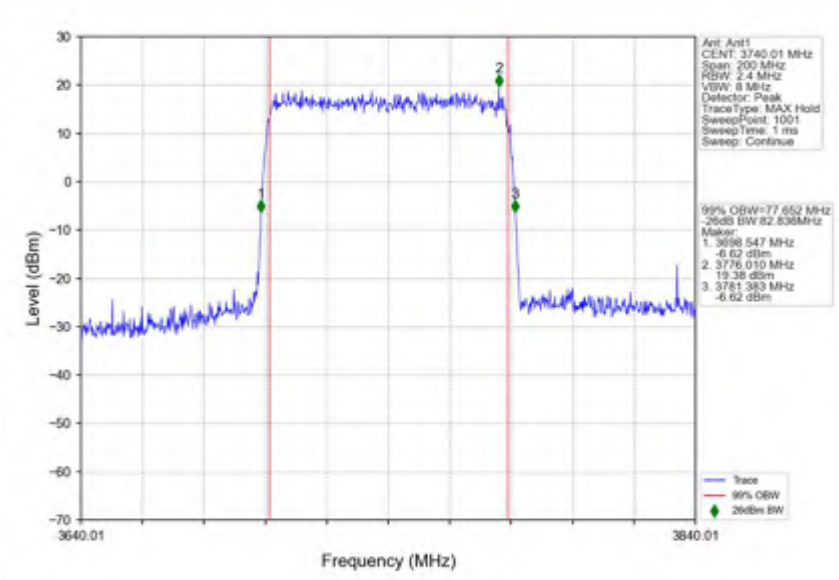
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3750MHz_Outer_Full



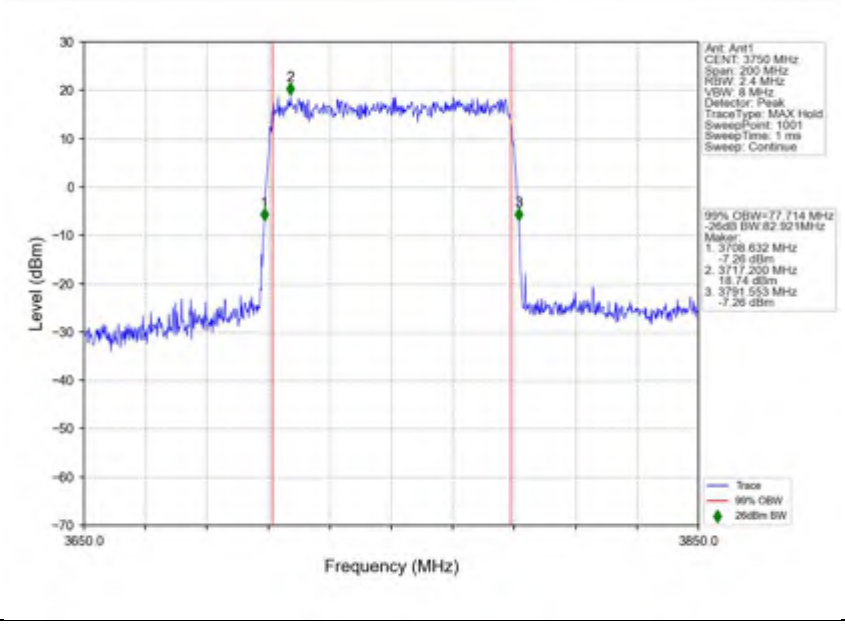
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3759.99MHz_Outer_Full



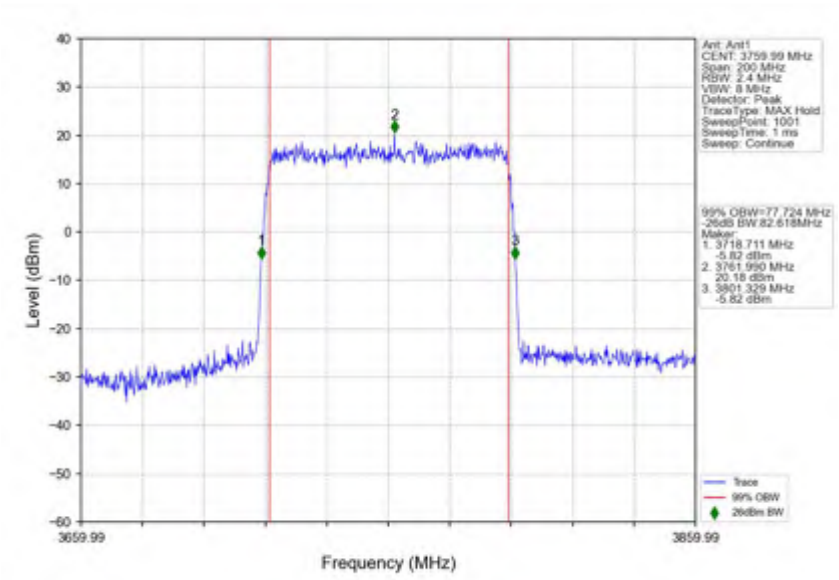
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 256 QAM_3740.01MHz_Outer_Full



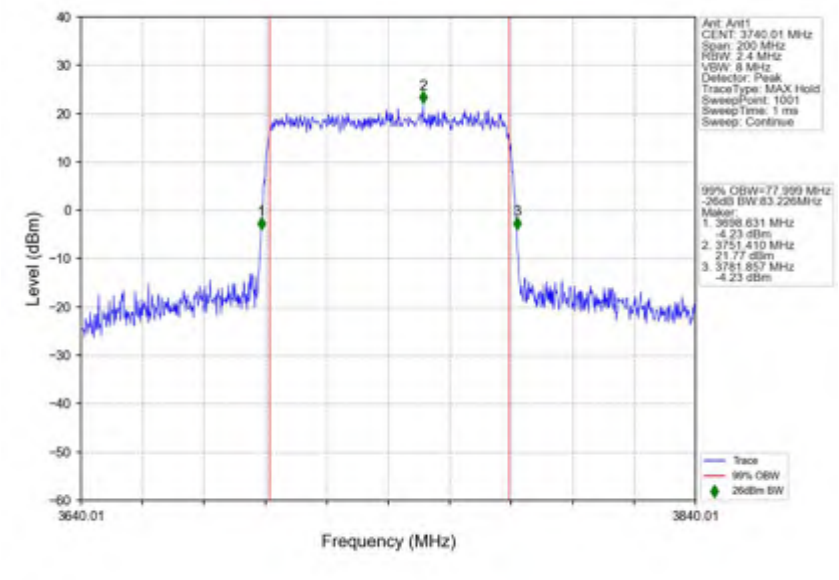
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 256 QAM_3750MHz_Outer_Full



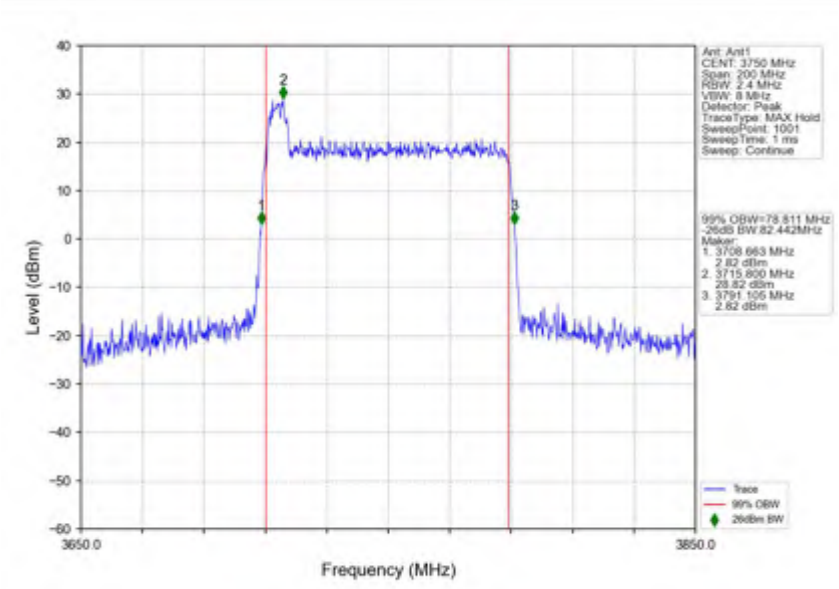
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 256 QAM_3759.99MHz_Outer_Full



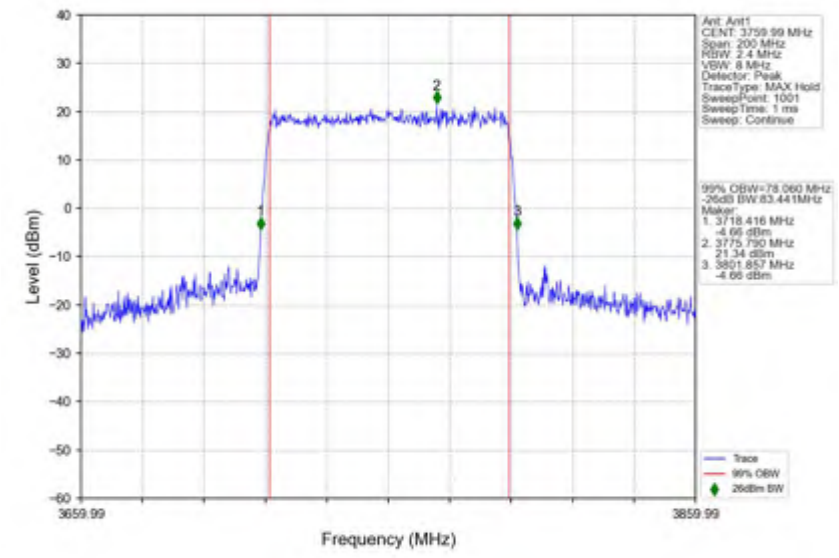
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3740.01MHz_Outer_Full



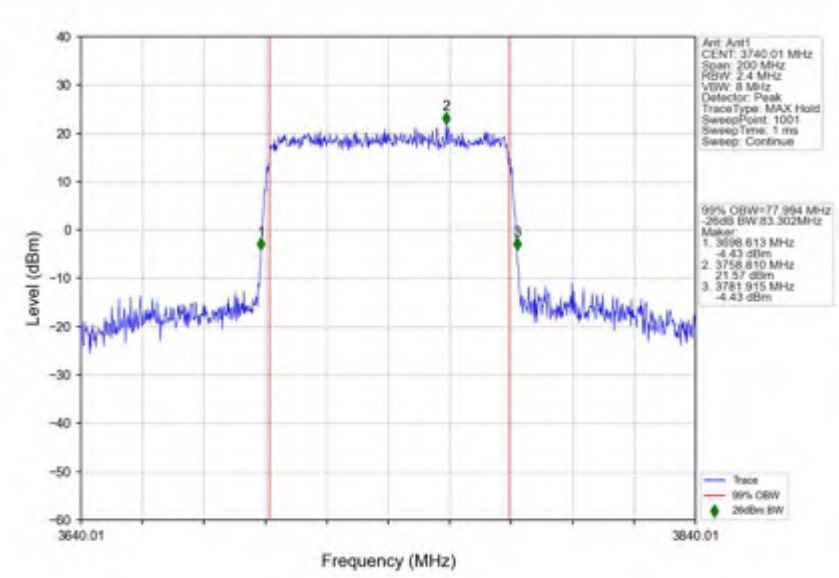
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3750MHz_Outer_Full



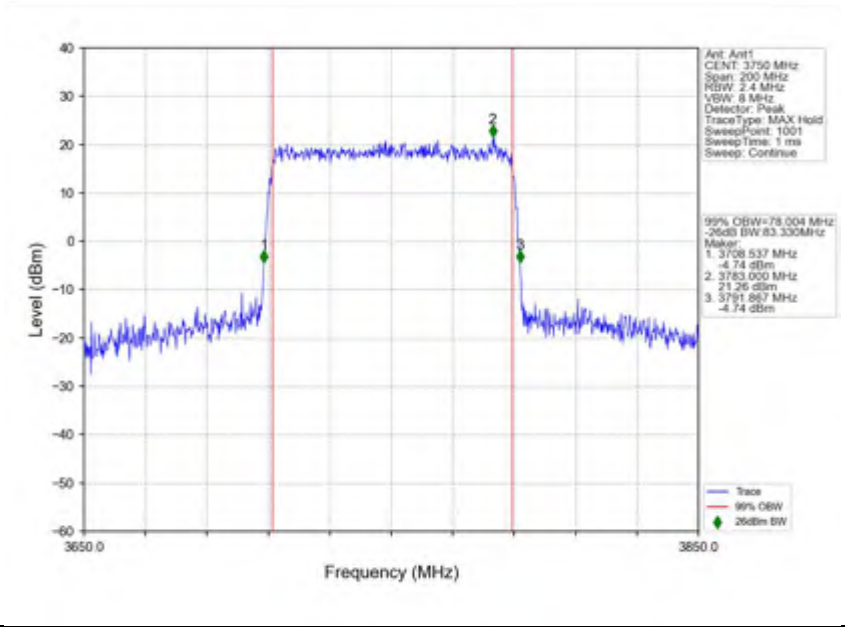
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3759.99MHz_Outer_Full



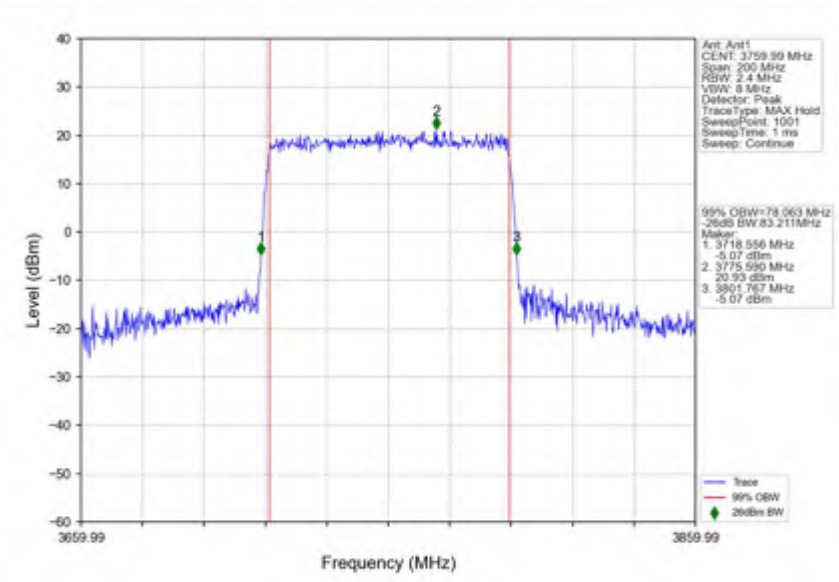
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM_3740.01MHz_Outer_Full



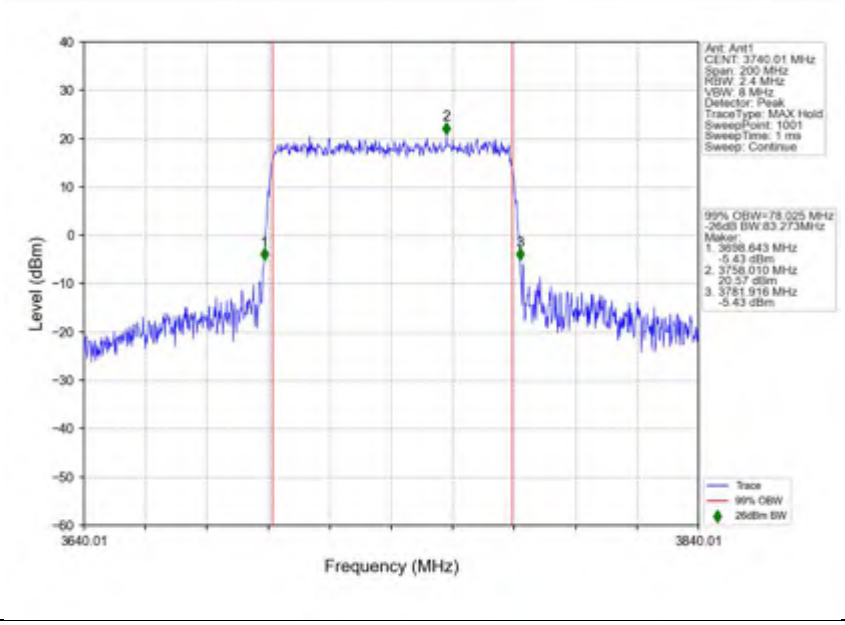
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM_3750MHz_Outer_Full



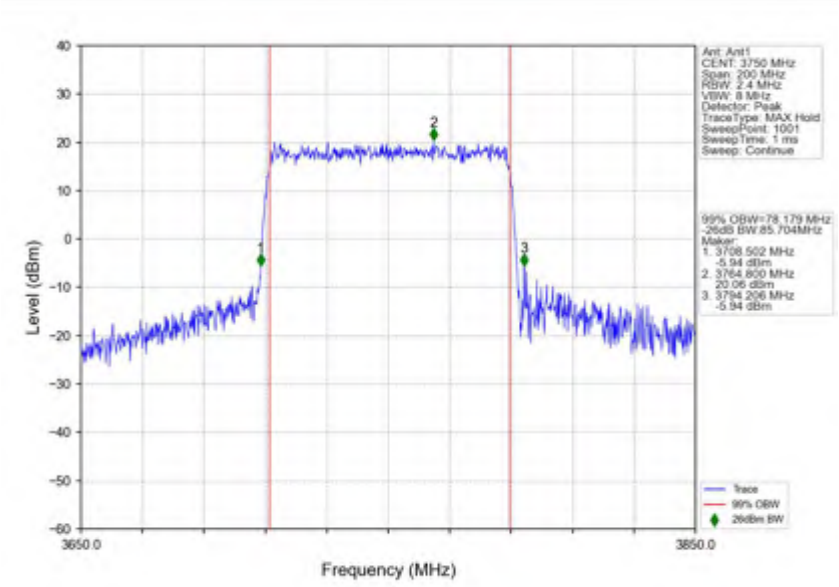
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM_3759.99MHz_Outer_Full



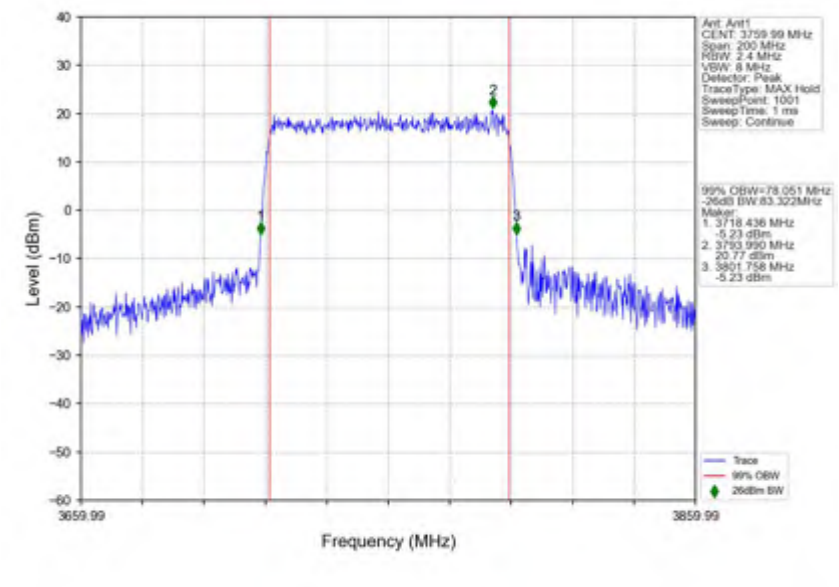
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3740.01MHz_Outer_Full



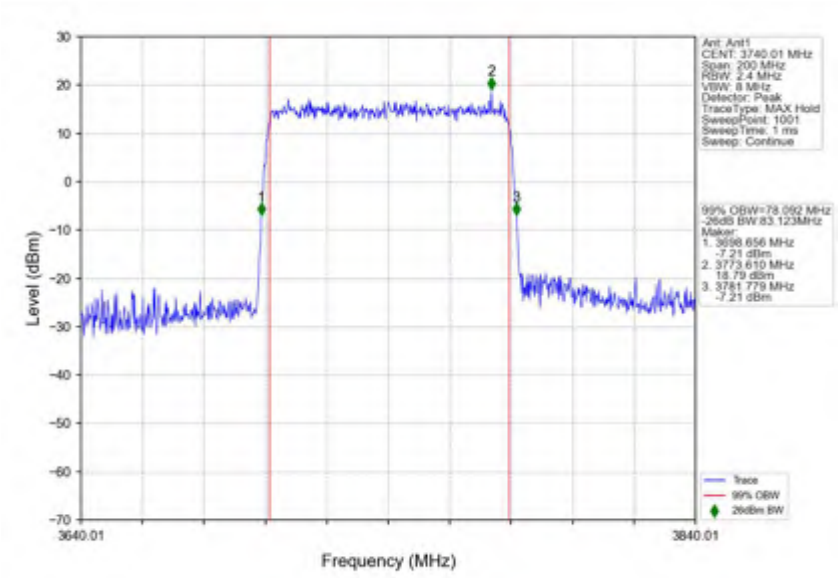
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3750MHz_Outer_Full



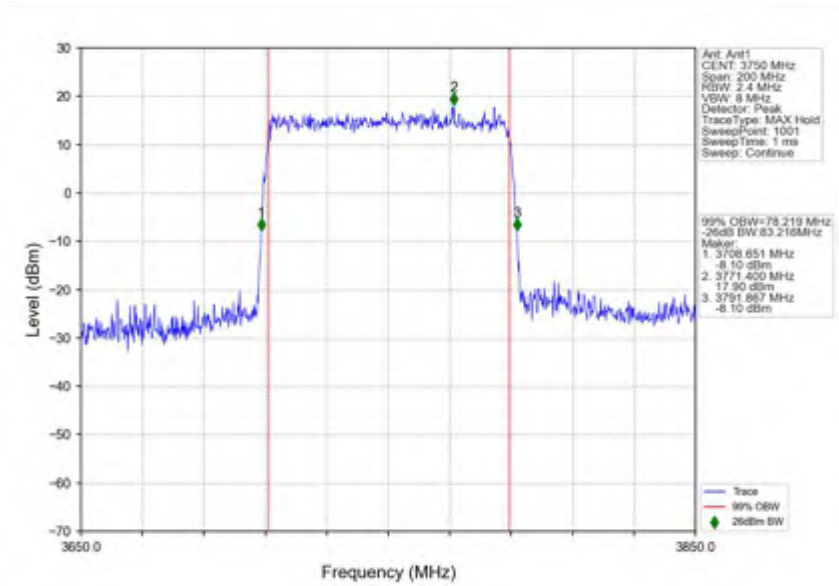
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3759.99MHz_Outer_Full



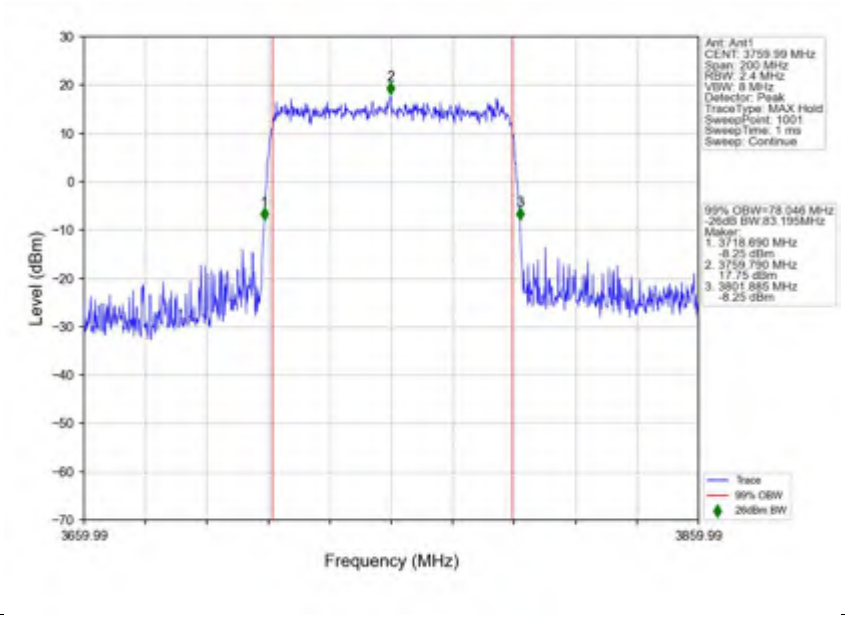
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM_3740.01MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM_3750MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM_3759.99MHz_Outer_Full



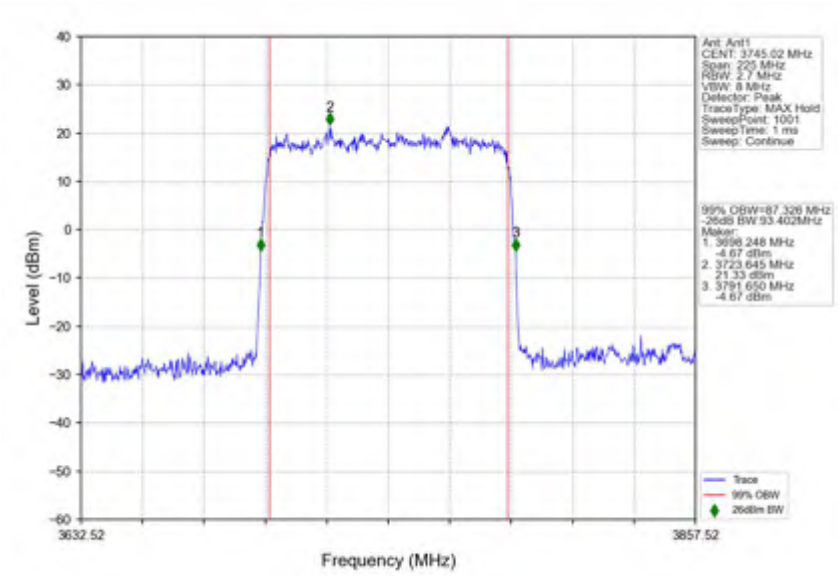
3.8 30k_SISO_90MHz_NTNV

3.8.1 Test Result

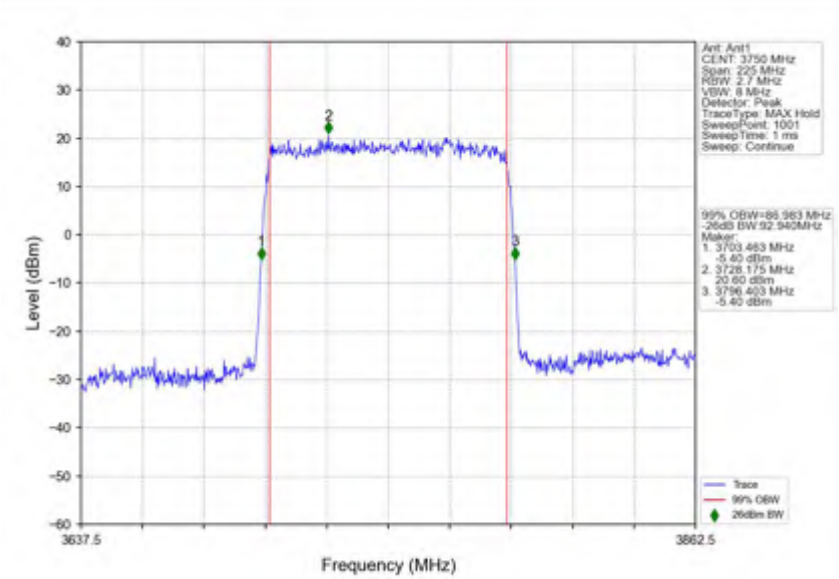
5G NR n78(3700-3800MHz) SCS=30kHz SISO 90MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3745.02	Outer_Full	87.33	93.40	/	Pass
	3750	Outer_Full	86.98	92.94	/	Pass
	3754.98	Outer_Full	87.14	93.20	/	Pass
DFT-s-OFDM QPSK	3745.02	Outer_Full	87.34	93.13	/	Pass
	3750	Outer_Full	87.23	92.98	/	Pass
	3754.98	Outer_Full	87.32	93.06	/	Pass
DFT-s-OFDM 16 QAM	3745.02	Outer_Full	87.41	93.27	/	Pass
	3750	Outer_Full	87.35	93.14	/	Pass
	3754.98	Outer_Full	87.38	93.16	/	Pass
DFT-s-OFDM 64 QAM	3745.02	Outer_Full	87.30	92.82	/	Pass
	3750	Outer_Full	87.07	92.96	/	Pass
	3754.98	Outer_Full	87.27	92.91	/	Pass
DFT-s-OFDM 256 QAM	3745.02	Outer_Full	87.11	92.74	/	Pass
	3750	Outer_Full	87.26	92.94	/	Pass
	3754.98	Outer_Full	87.06	93.08	/	Pass
CP-OFDM QPSK	3745.02	Outer_Full	88.65	93.14	/	Pass
	3750	Outer_Full	87.92	92.96	/	Pass
	3754.98	Outer_Full	88.85	92.82	/	Pass
CP-OFDM 16 QAM	3745.02	Outer_Full	87.75	93.68	/	Pass
	3750	Outer_Full	87.86	93.90	/	Pass
	3754.98	Outer_Full	88.00	94.14	/	Pass
CP-OFDM 64 QAM	3745.02	Outer_Full	88.01	93.83	/	Pass
	3750	Outer_Full	87.96	93.84	/	Pass
	3754.98	Outer_Full	88.22	93.77	/	Pass
CP-OFDM 256 QAM	3745.02	Outer_Full	88.01	93.69	/	Pass
	3750	Outer_Full	88.03	93.94	/	Pass
	3754.98	Outer_Full	87.99	94.08	/	Pass

3.8.2 Test Graph

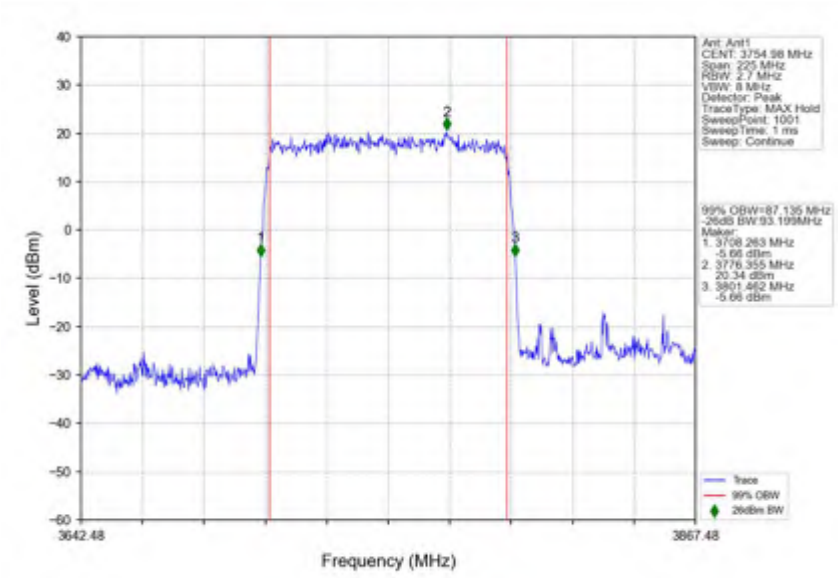
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3745.02MHz_Outer_Full



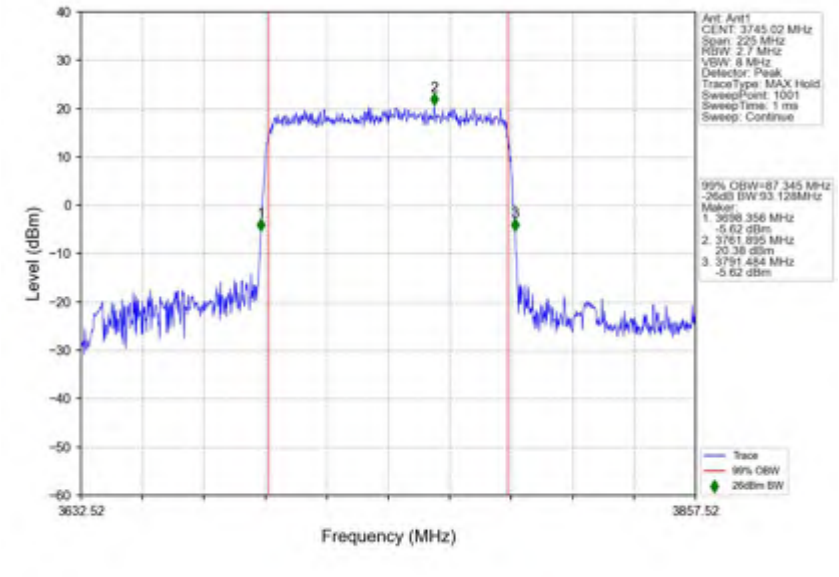
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full



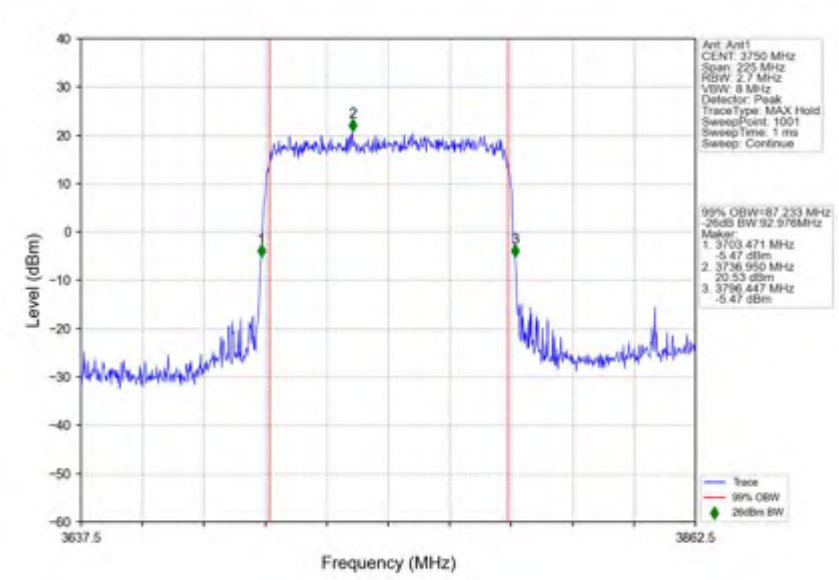
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3754.98MHz_Outer_Full



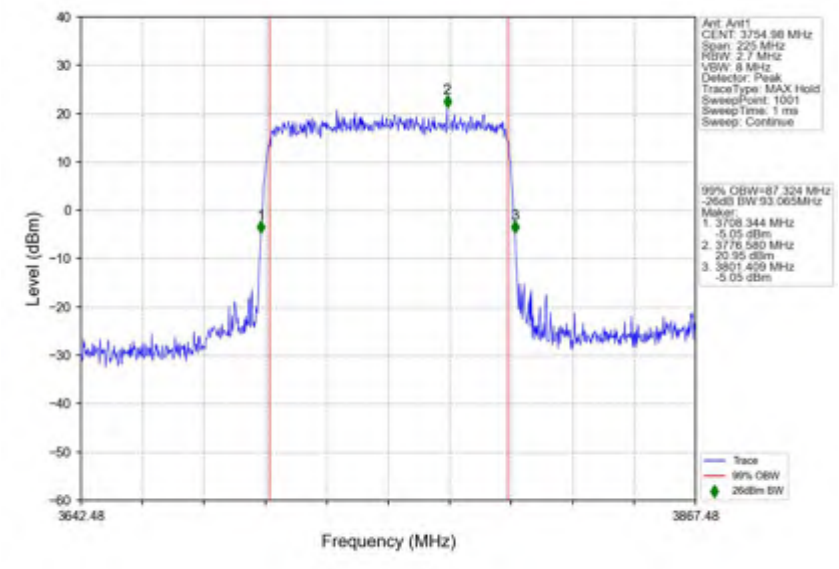
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3745.02MHz_Outer_Full



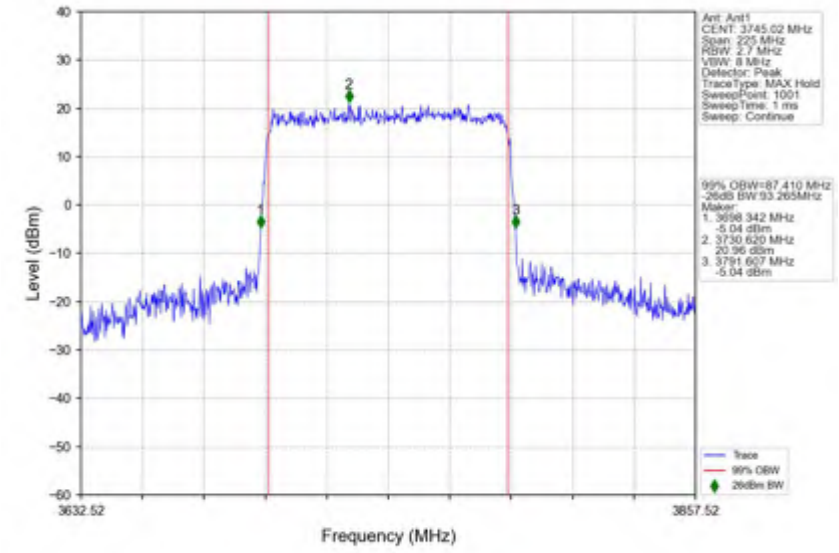
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full



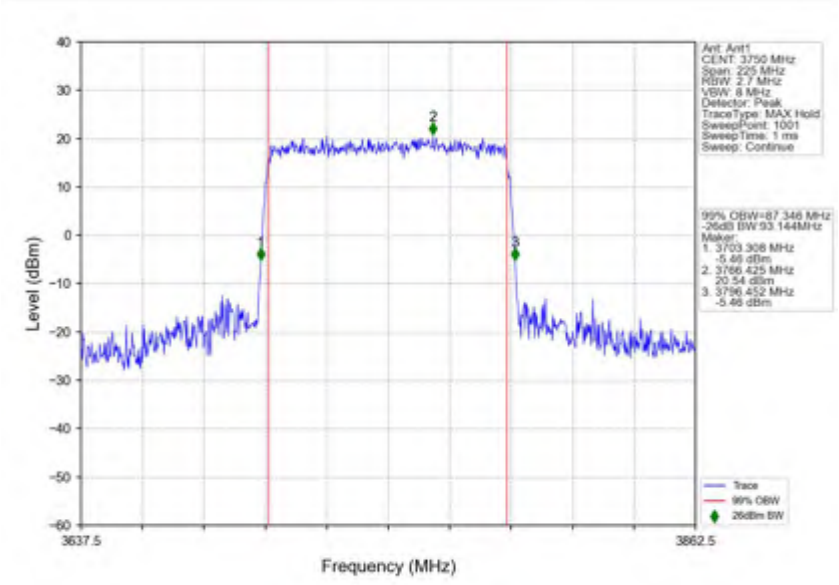
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3754.98MHz_Outer_Full



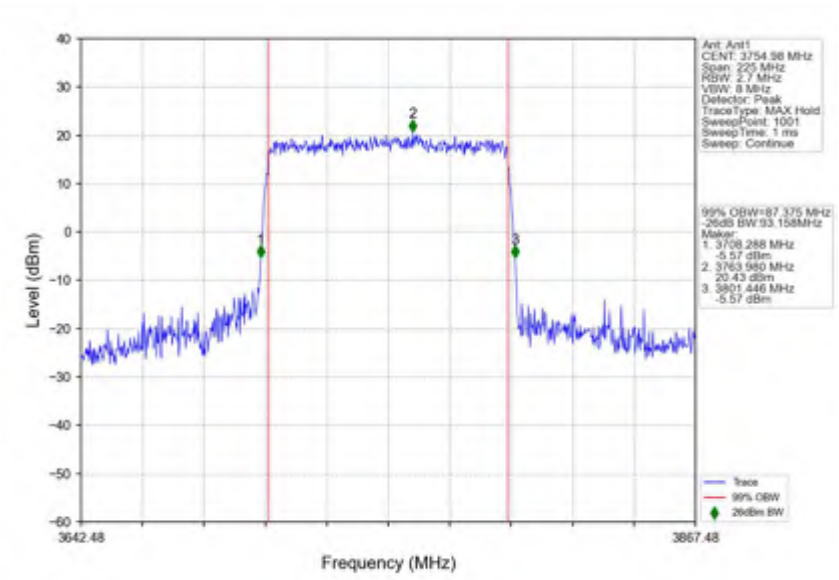
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 16 QAM_3745.02MHz_Outer_Full



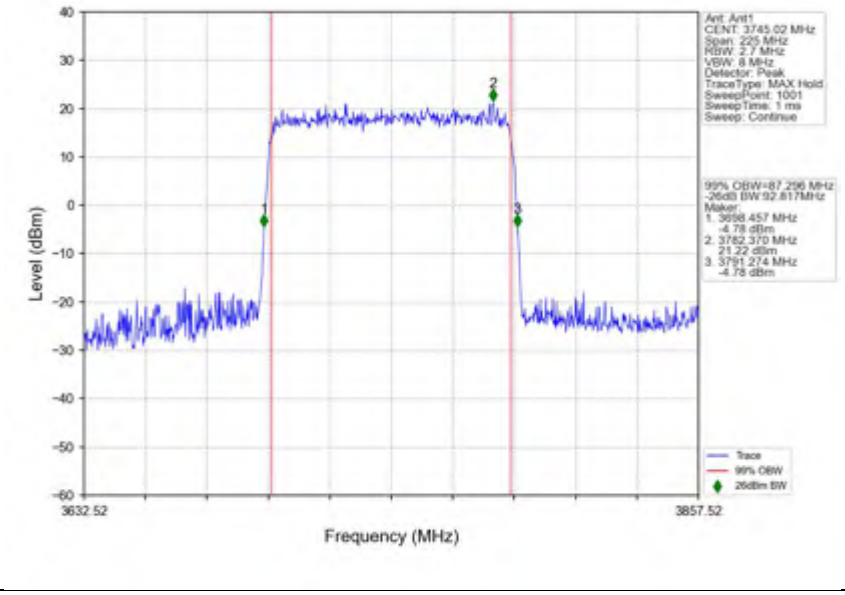
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 16 QAM_3750MHz_Outer_Full



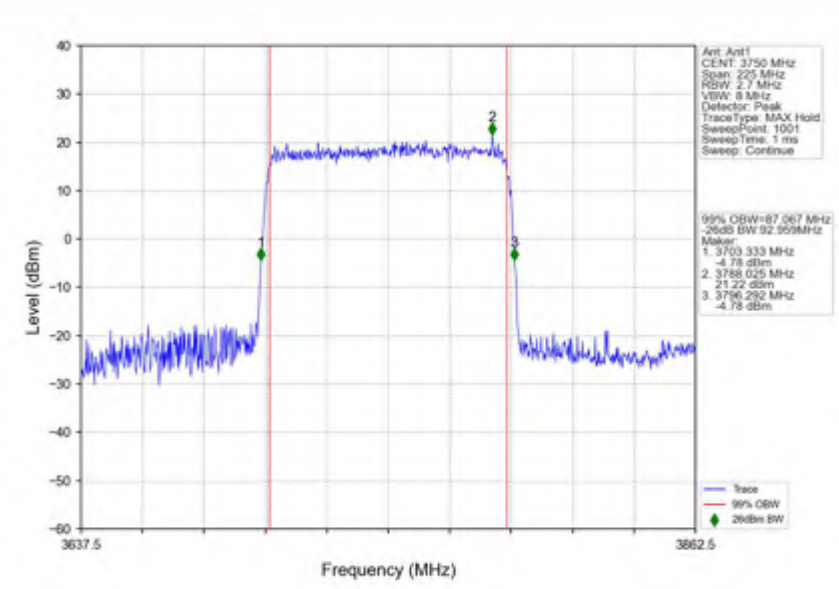
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 16 QAM_3754.98MHz_Outer_Full



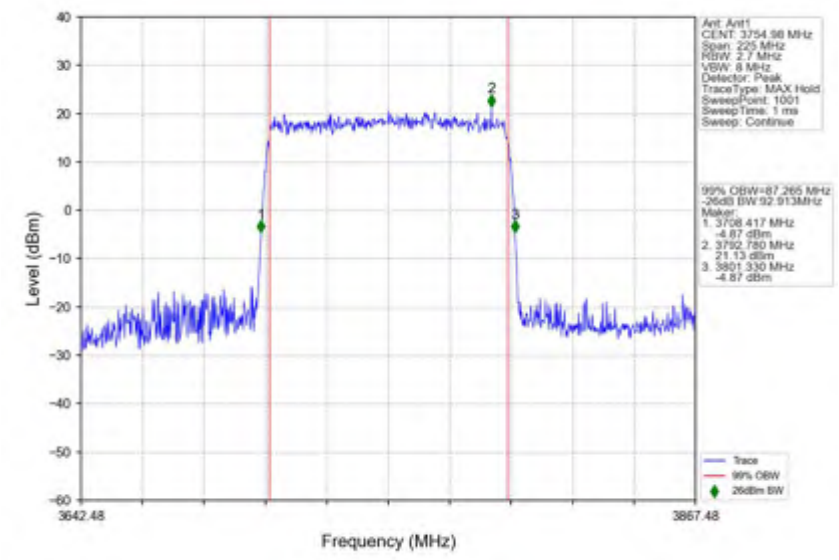
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM_3745.02MHz_Outer_Full



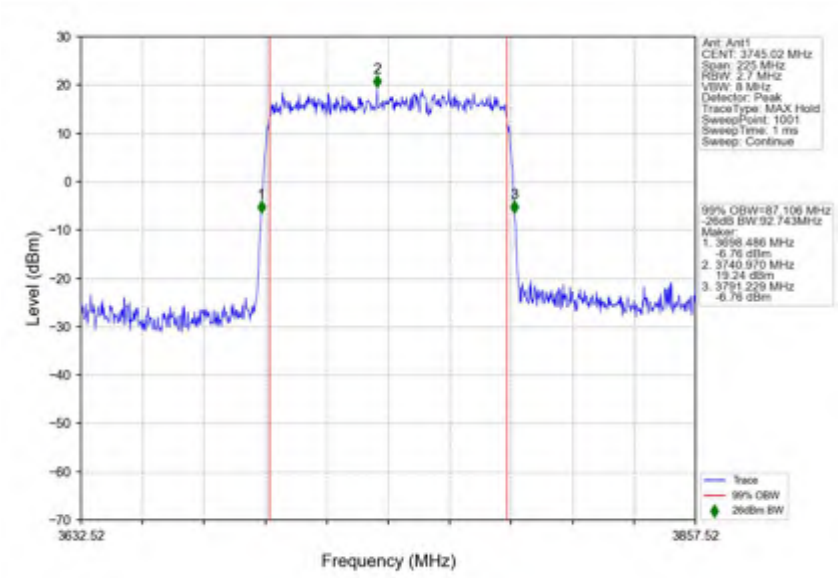
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM_3750MHz_Outer_Full



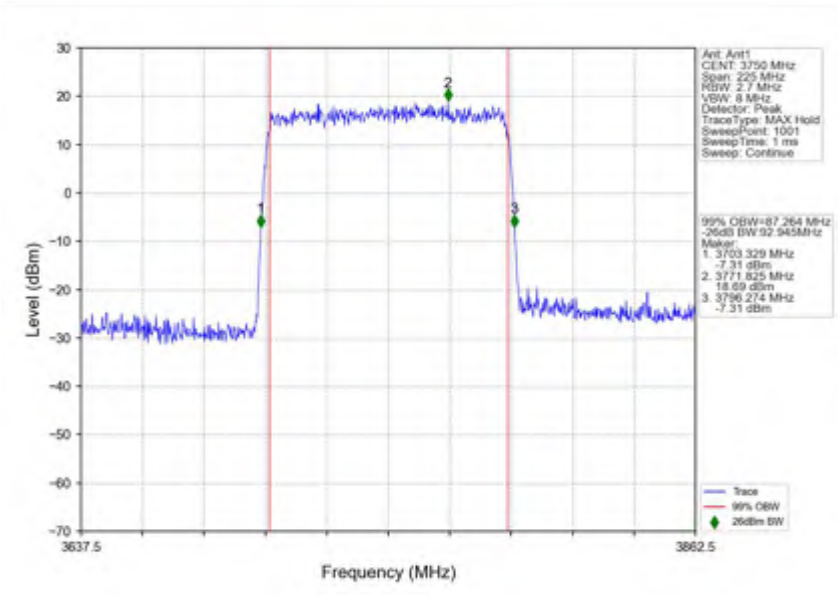
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM_3754.98MHz_Outer_Full



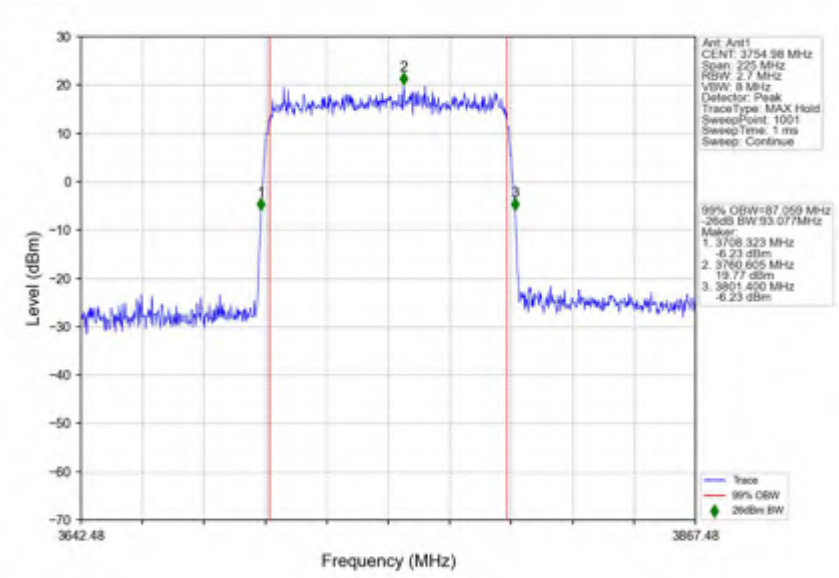
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 256 QAM_3745.02MHz_Outer_Full



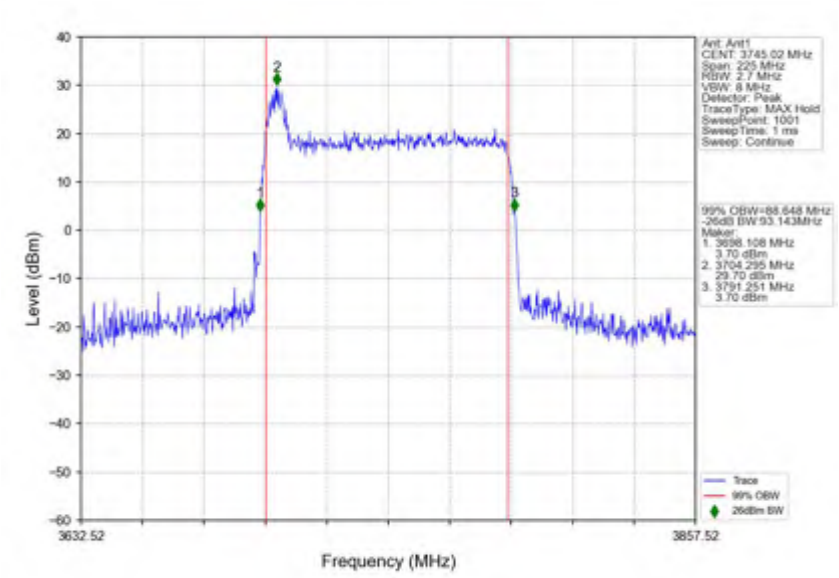
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 256 QAM_3750MHz_Outer_Full



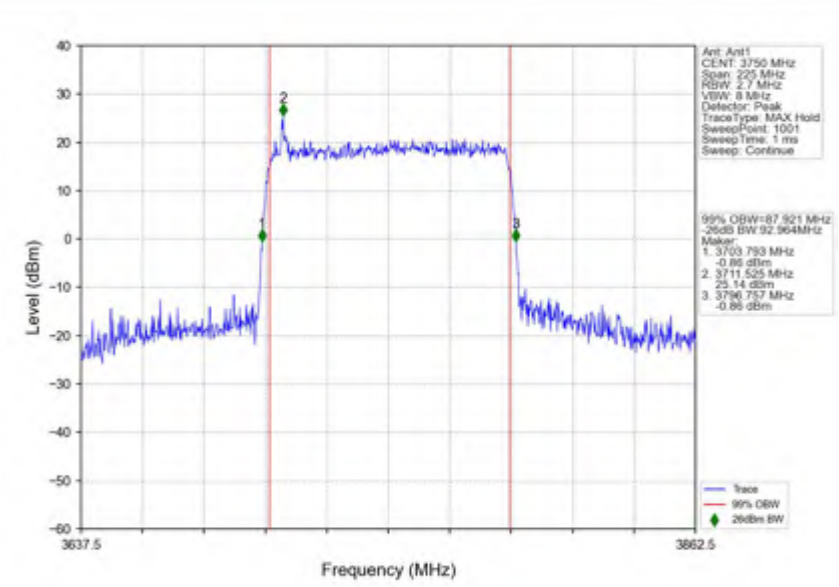
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 256 QAM_3754.98MHz_Outer_Full



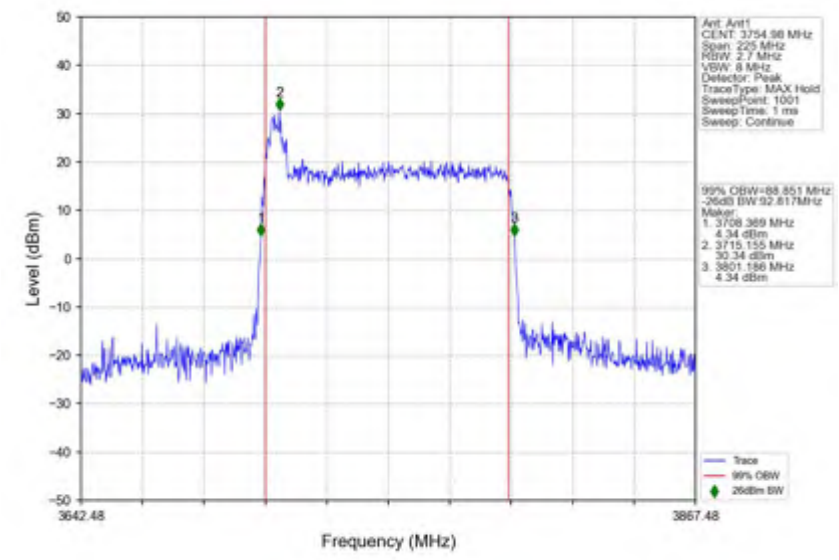
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3745.02MHz_Outer_Full



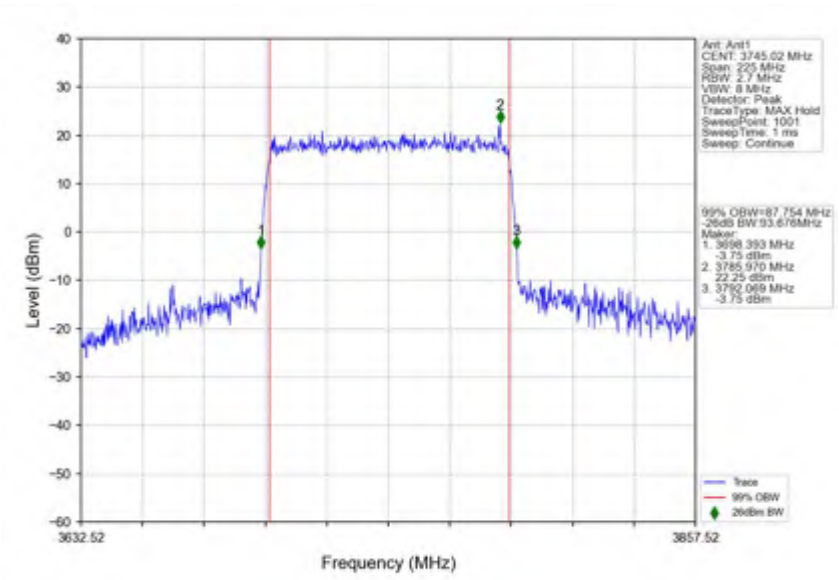
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3750MHz_Outer_Full



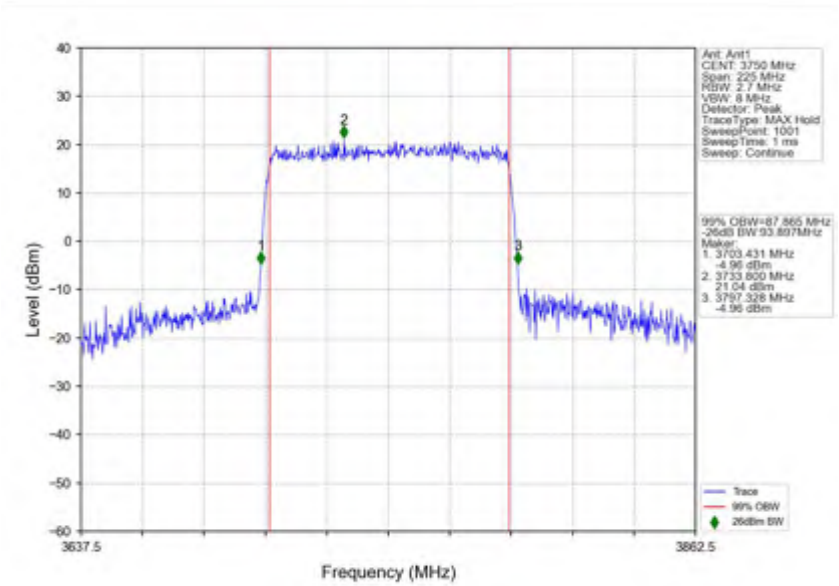
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3754.98MHz_Outer_Full



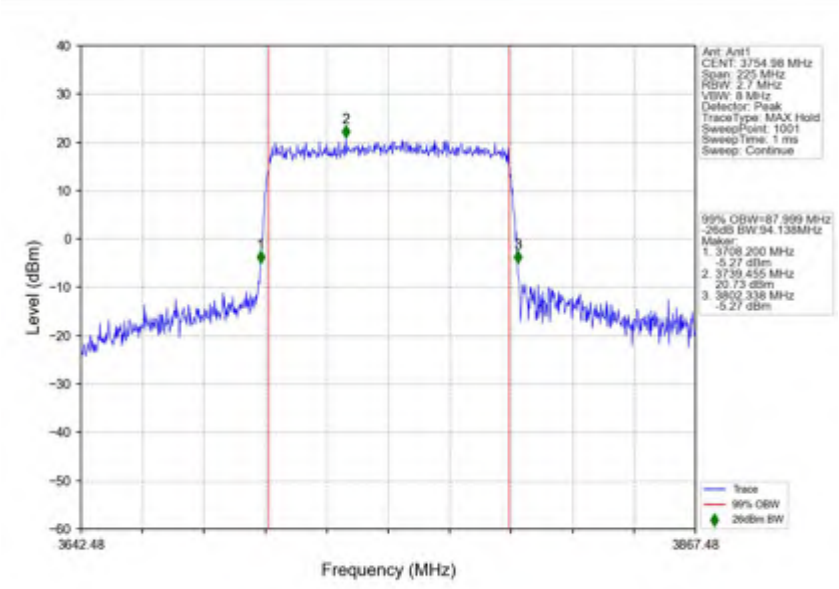
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM_3745.02MHz_Outer_Full



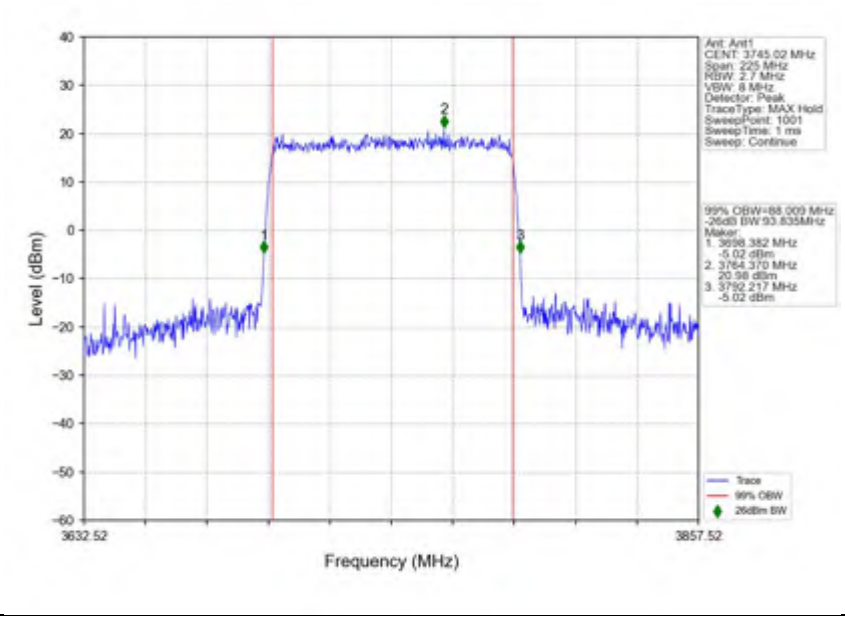
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM_3750MHz_Outer_Full



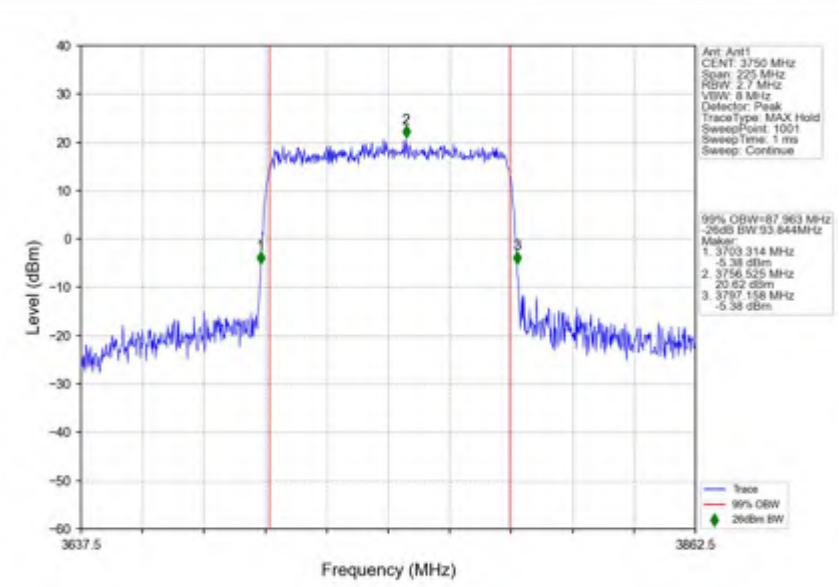
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM_3754.98MHz_Outer_Full



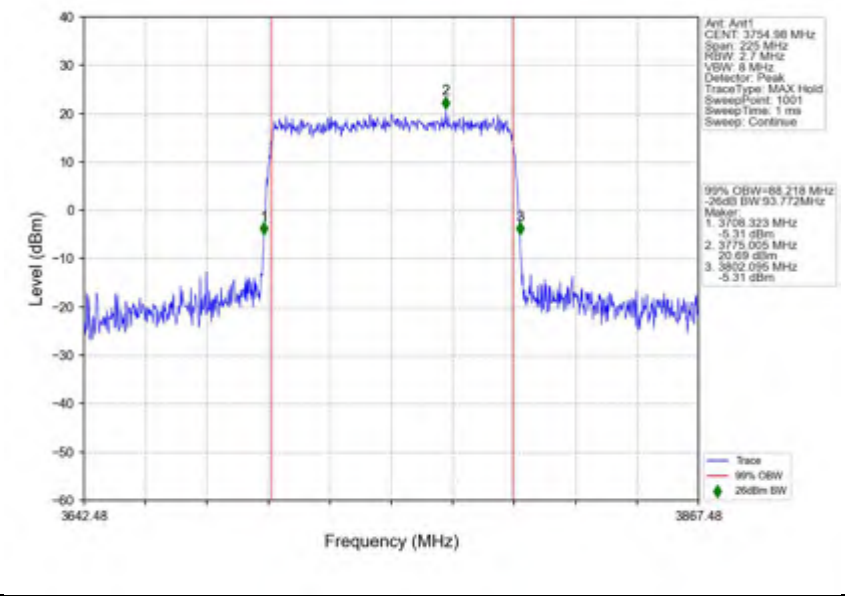
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3745.02MHz_Outer_Full



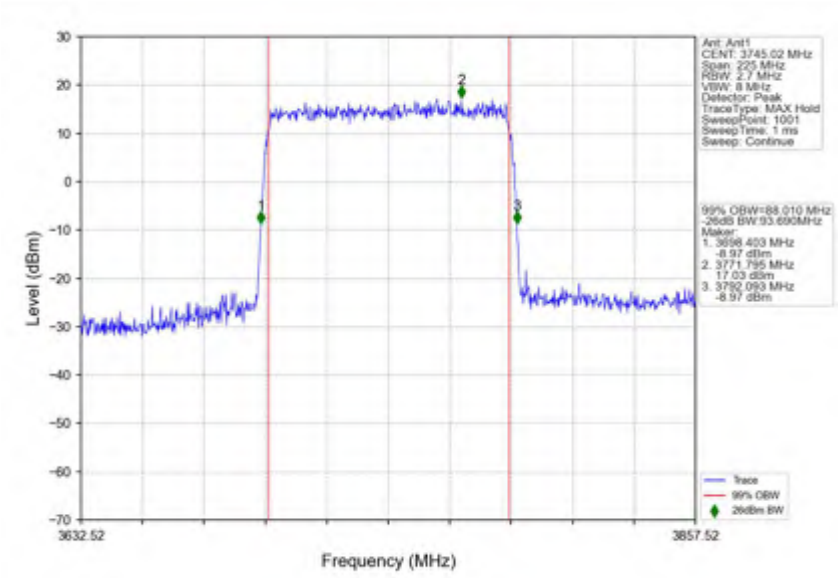
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3750MHz_Outer_Full



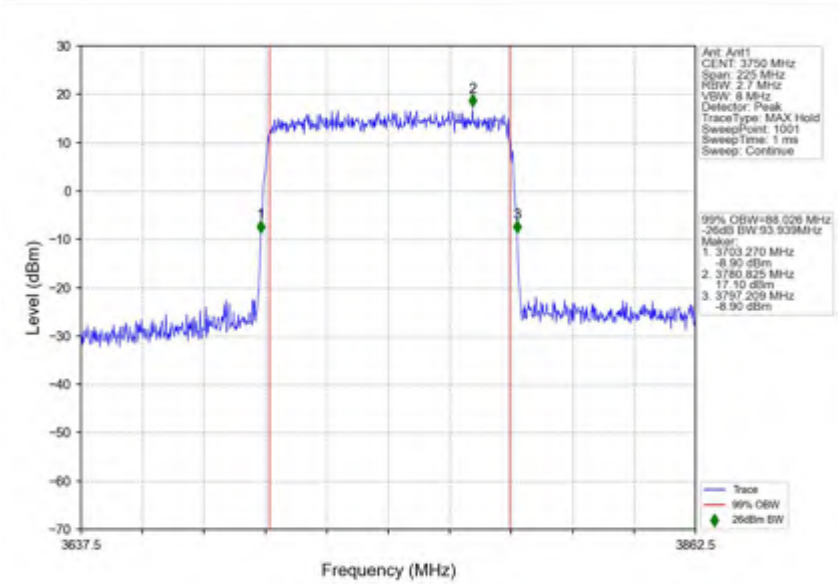
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3754.98MHz_Outer_Full



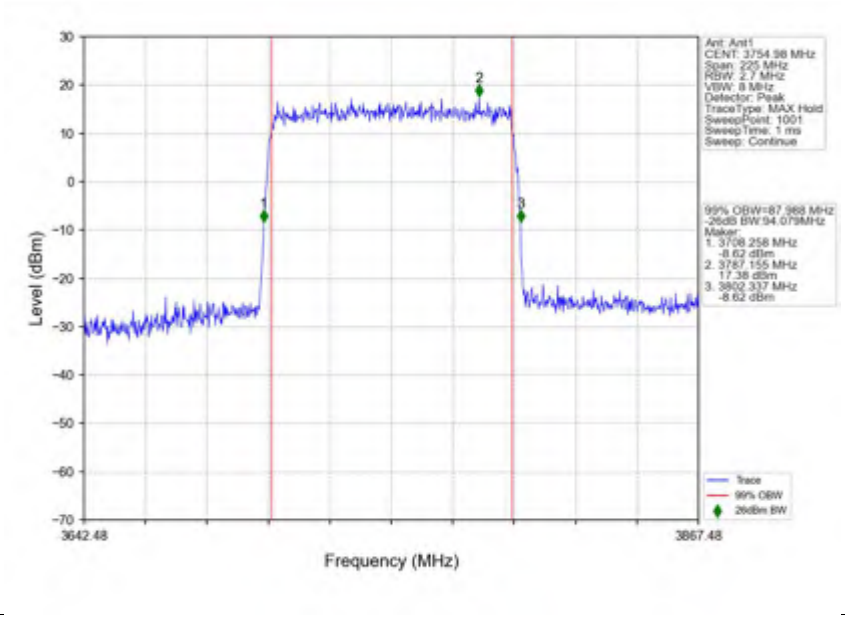
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM_3745.02MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM_3750MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM_3754.98MHz_Outer_Full



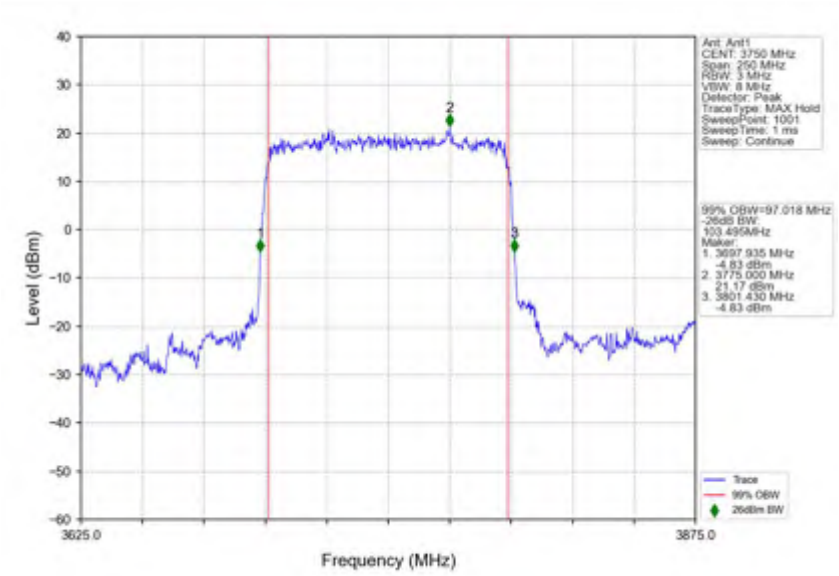
3.9 30k_SISO_100MHz_NTNV

3.9.1 Test Result

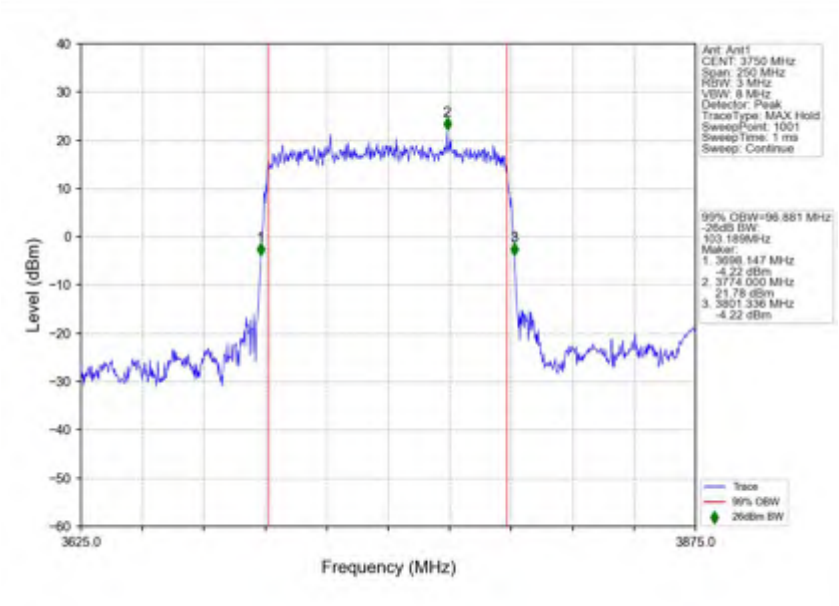
5G NR n78(3700-3800MHz) SCS=30kHz SISO 100MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	97.02	103.50	/	Pass
	3750	Outer_Full	96.88	103.19	/	Pass
	3750	Outer_Full	96.78	103.43	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	97.06	103.64	/	Pass
	3750	Outer_Full	96.98	103.52	/	Pass
	3750	Outer_Full	97.02	103.82	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	96.94	103.55	/	Pass
	3750	Outer_Full	97.16	103.65	/	Pass
	3750	Outer_Full	97.31	103.59	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	97.06	103.57	/	Pass
	3750	Outer_Full	96.95	103.70	/	Pass
	3750	Outer_Full	96.64	103.45	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	96.90	103.38	/	Pass
	3750	Outer_Full	97.05	103.38	/	Pass
	3750	Outer_Full	96.98	103.64	/	Pass
CP-OFDM QPSK	3750	Outer_Full	98.21	104.63	/	Pass
	3750	Outer_Full	97.69	104.98	/	Pass
	3750	Outer_Full	99.32	103.41	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	97.83	104.62	/	Pass
	3750	Outer_Full	97.98	104.50	/	Pass
	3750	Outer_Full	98.10	104.36	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	98.08	104.55	/	Pass
	3750	Outer_Full	98.10	104.60	/	Pass
	3750	Outer_Full	98.25	104.69	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	97.83	104.15	/	Pass
	3750	Outer_Full	97.87	104.67	/	Pass
	3750	Outer_Full	97.77	104.37	/	Pass

3.9.2 Test Graph

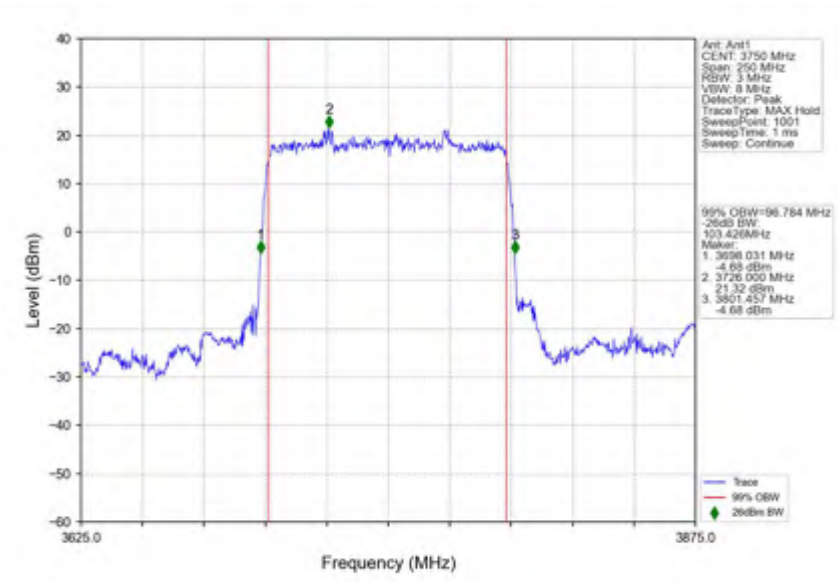
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full



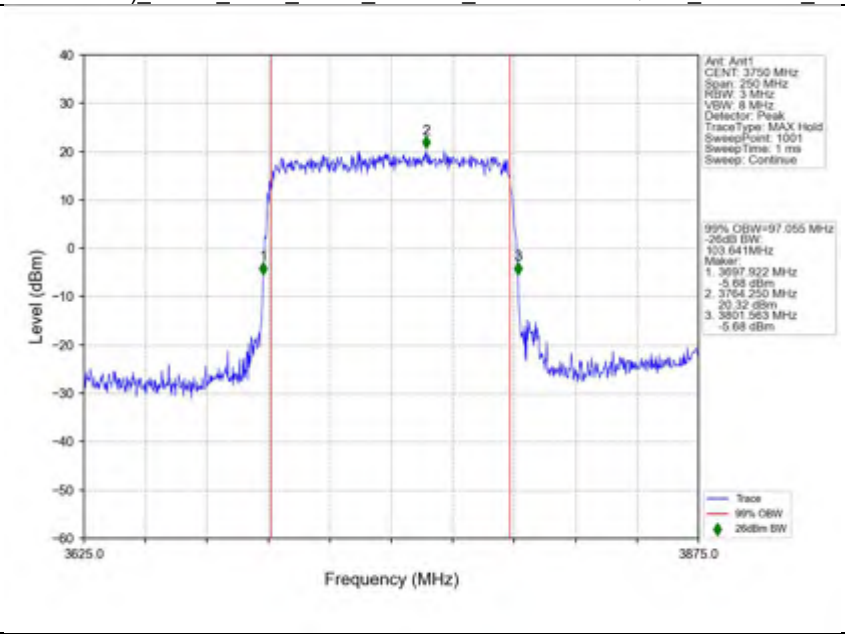
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full



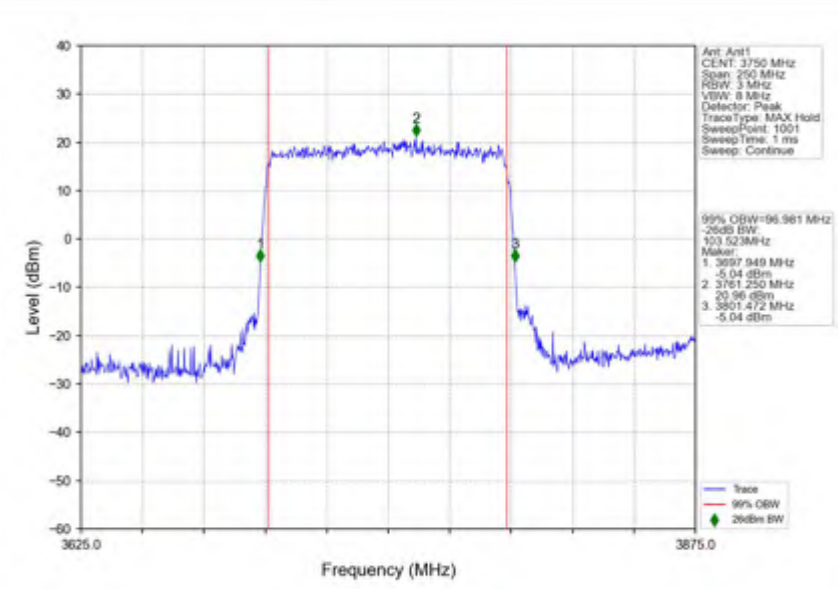
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full



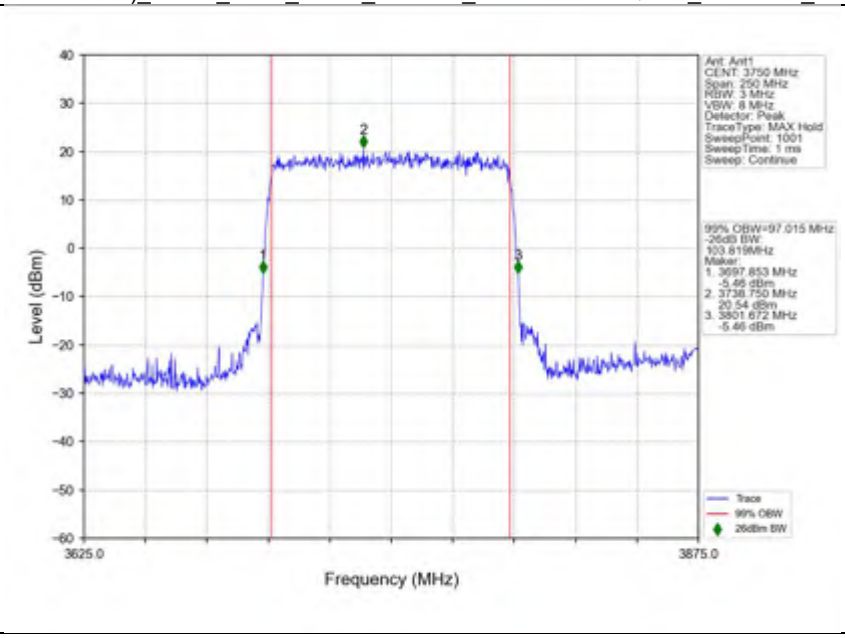
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full



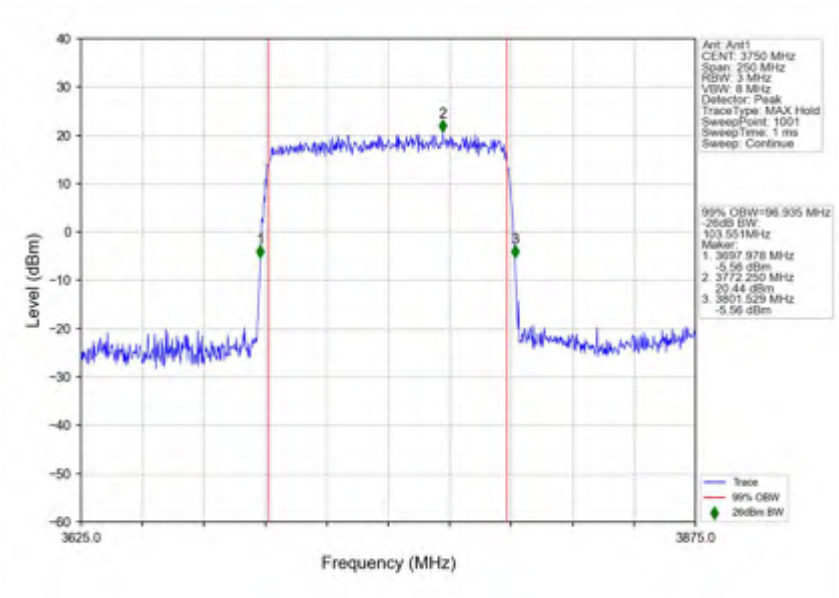
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full



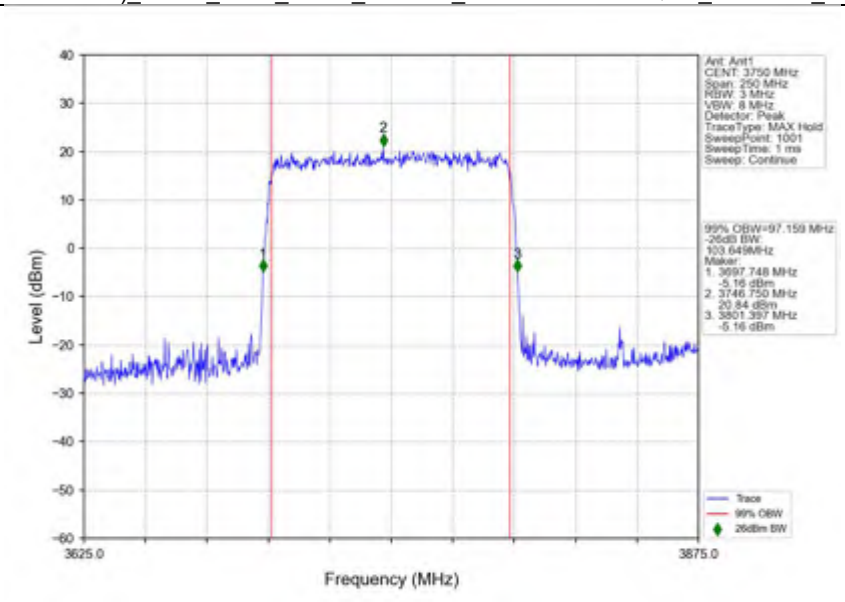
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full



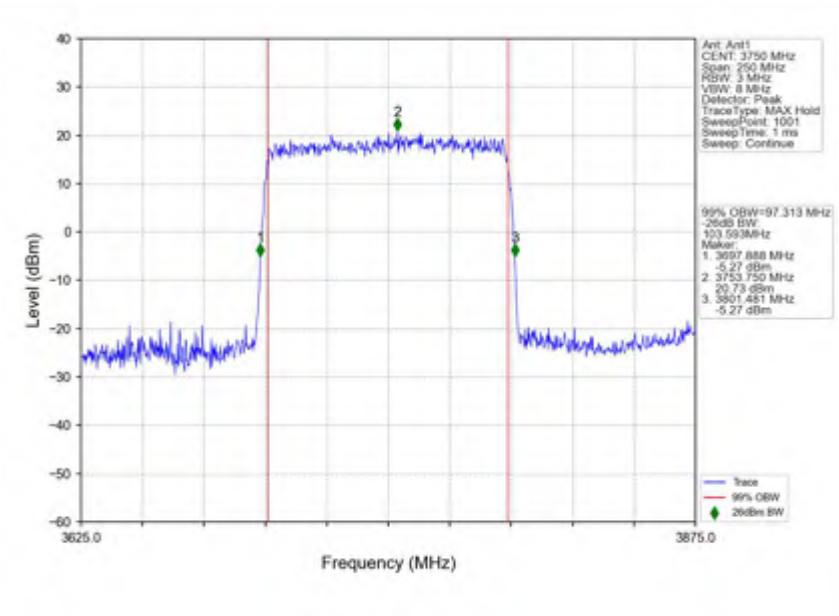
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_3750MHz_Outer_Full



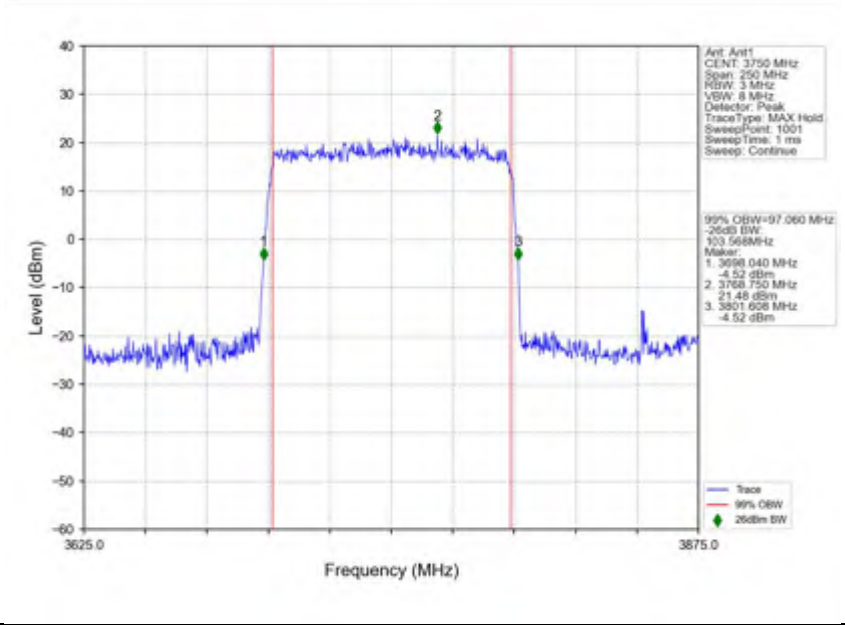
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_3750MHz_Outer_Full



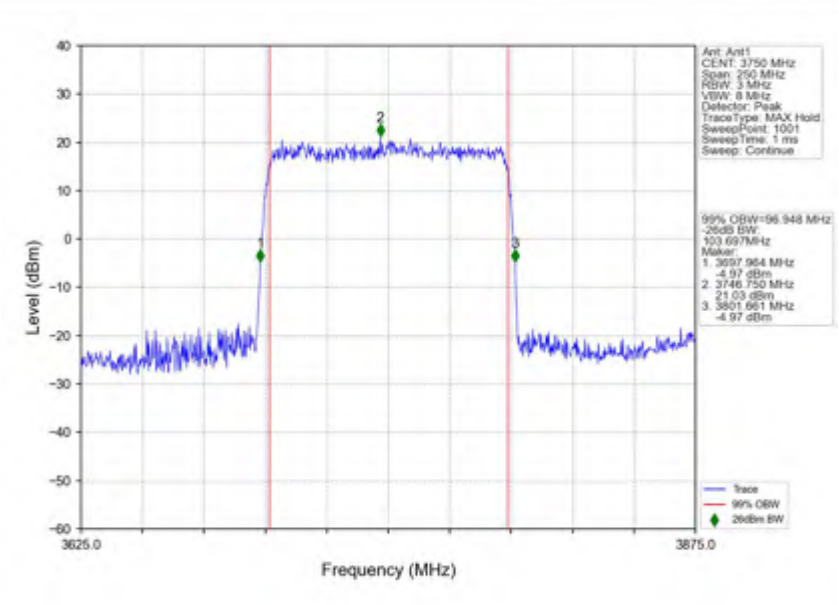
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_3750MHz_Outer_Full



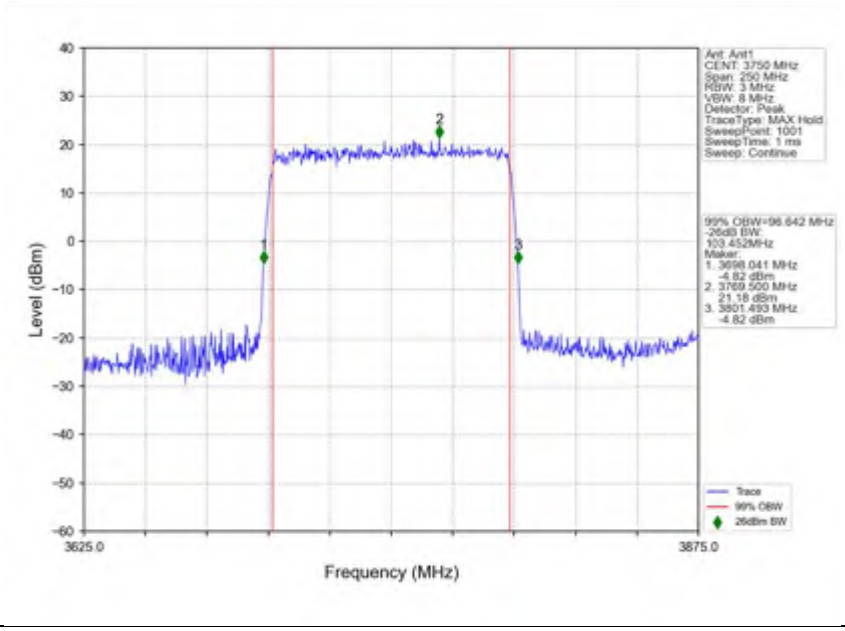
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_3750MHz_Outer_Full



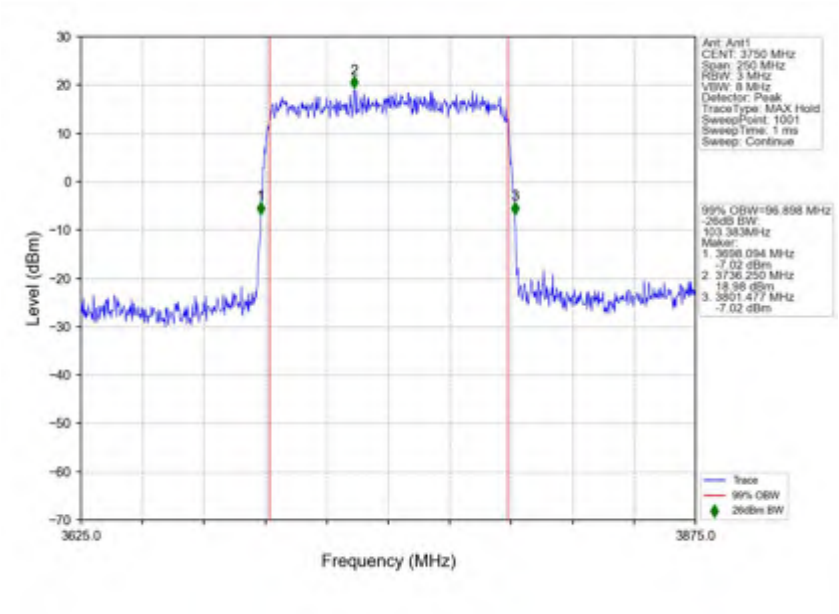
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_3750MHz_Outer_Full



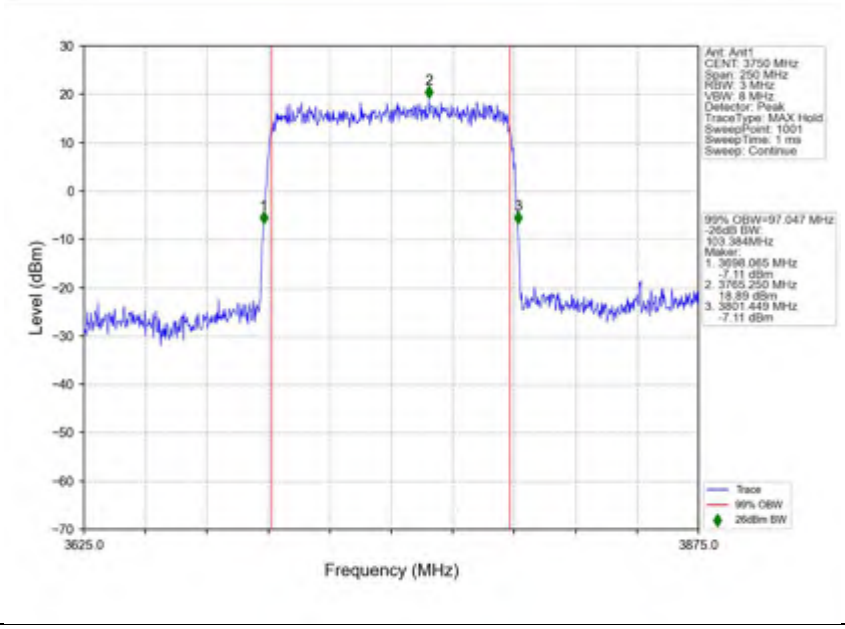
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_3750MHz_Outer_Full



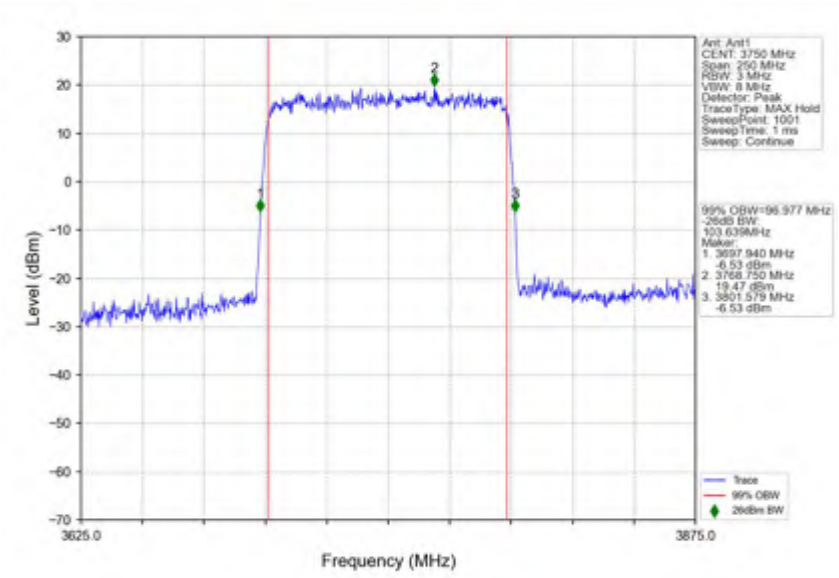
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 256 QAM_3750MHz_Outer_Full



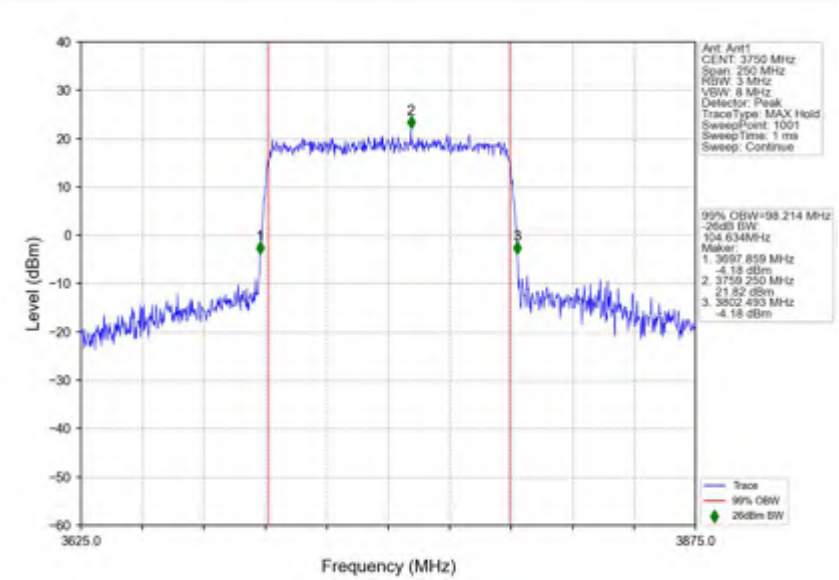
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 256 QAM_3750MHz_Outer_Full



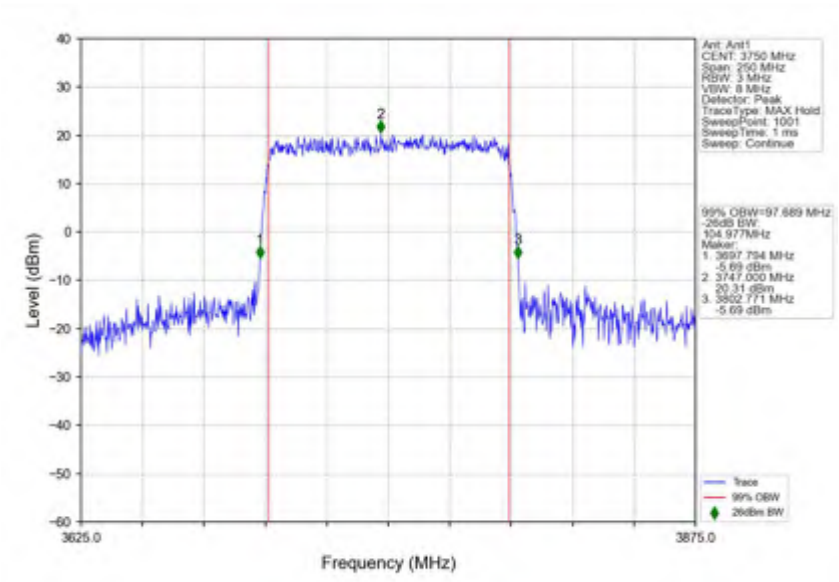
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 256 QAM_3750MHz_Outer_Full



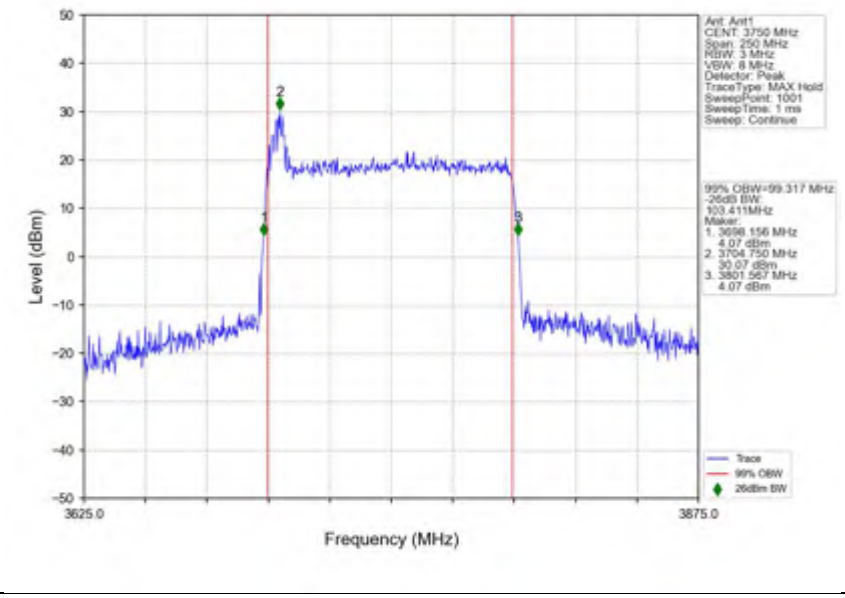
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Outer_Full



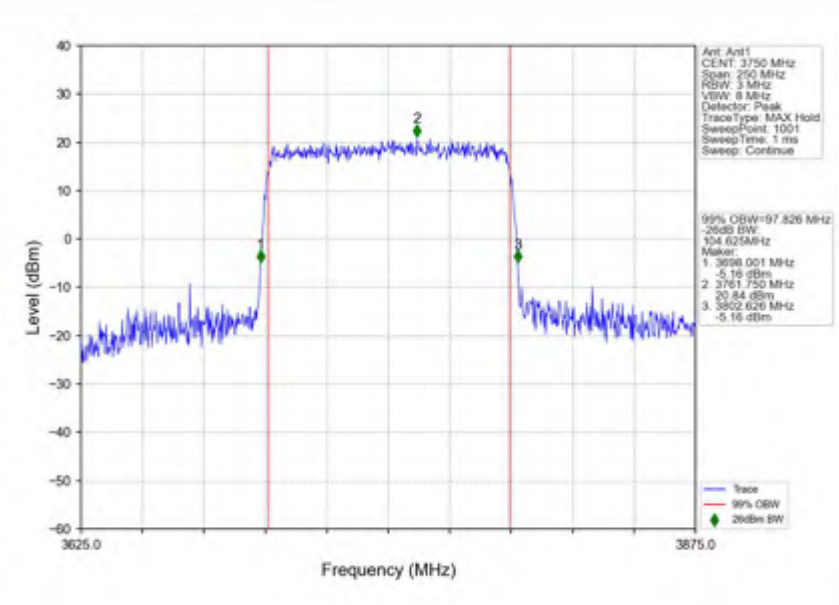
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Outer_Full



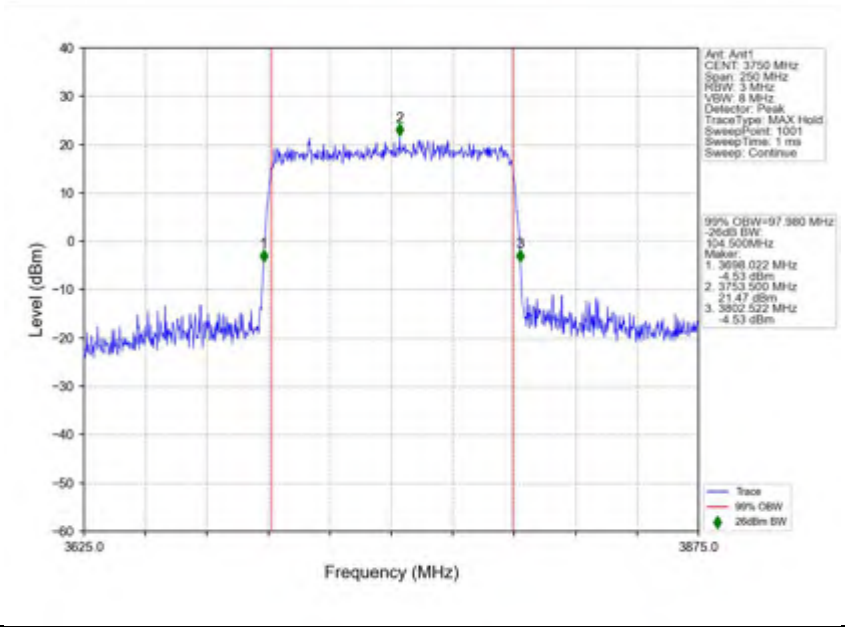
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Outer_Full



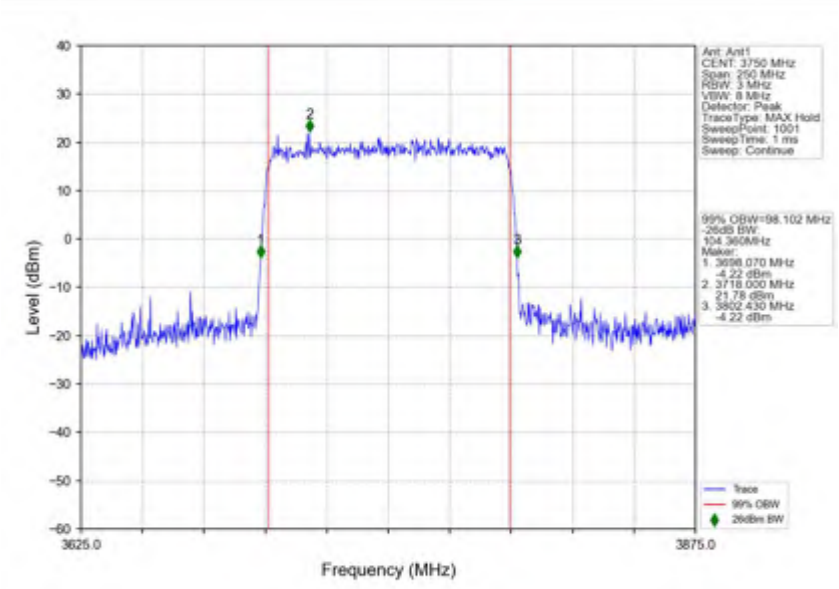
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3750MHz_Outer_Full



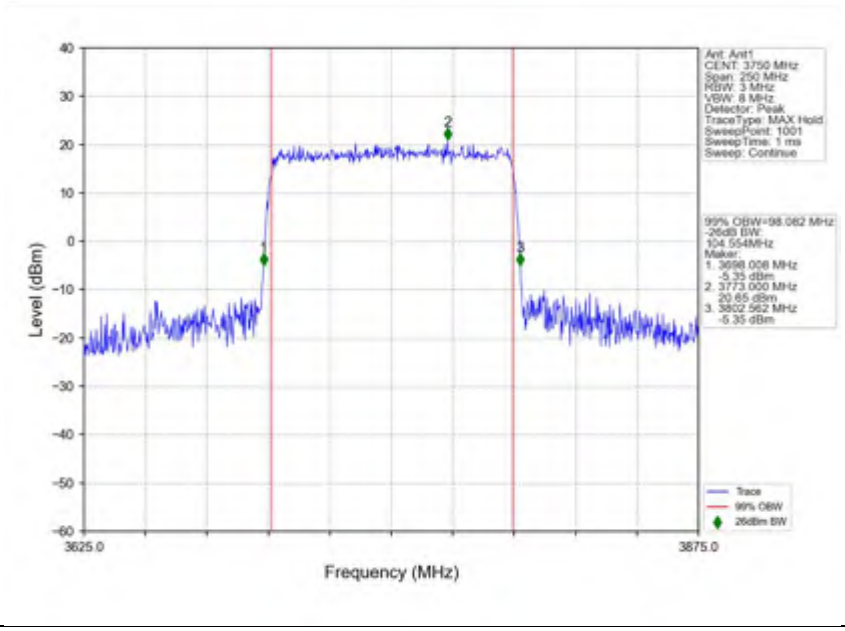
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3750MHz_Outer_Full



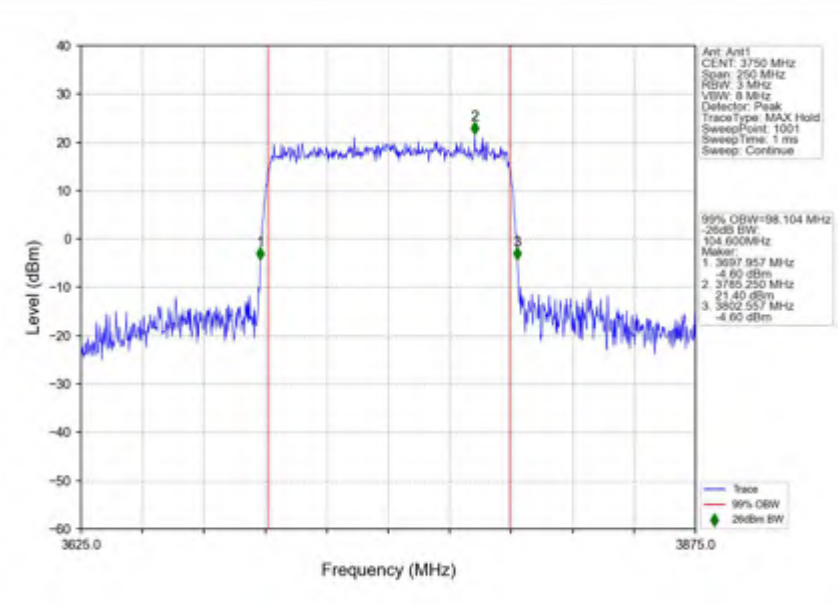
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3750MHz_Outer_Full



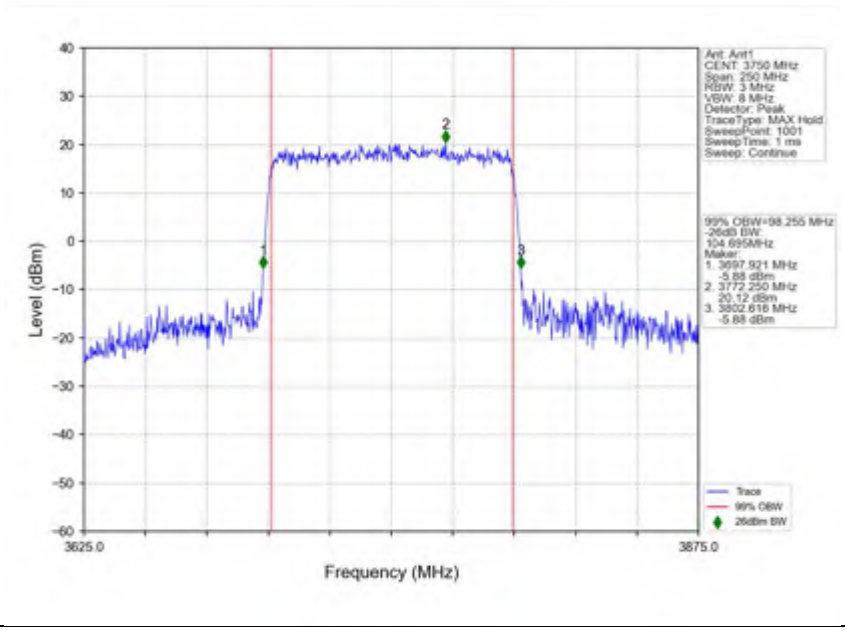
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3750MHz_Outer_Full



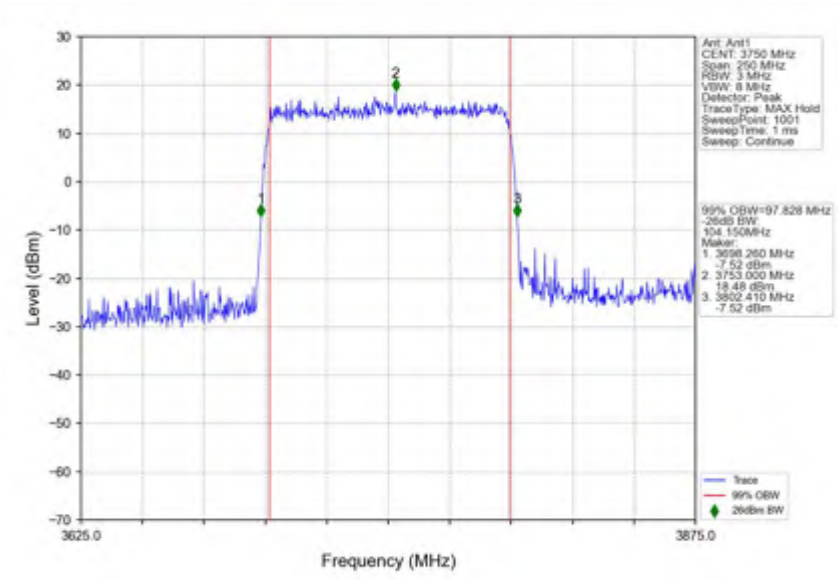
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3750MHz_Outer_Full



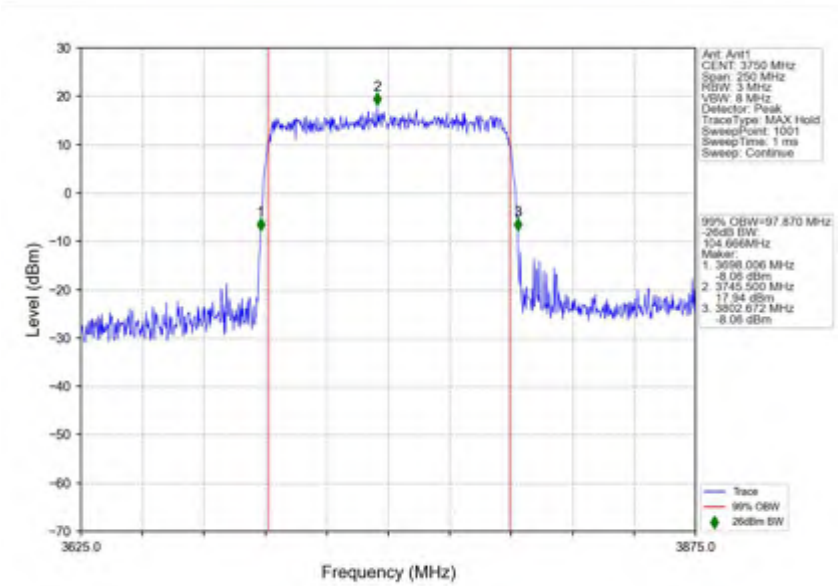
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3750MHz_Outer_Full



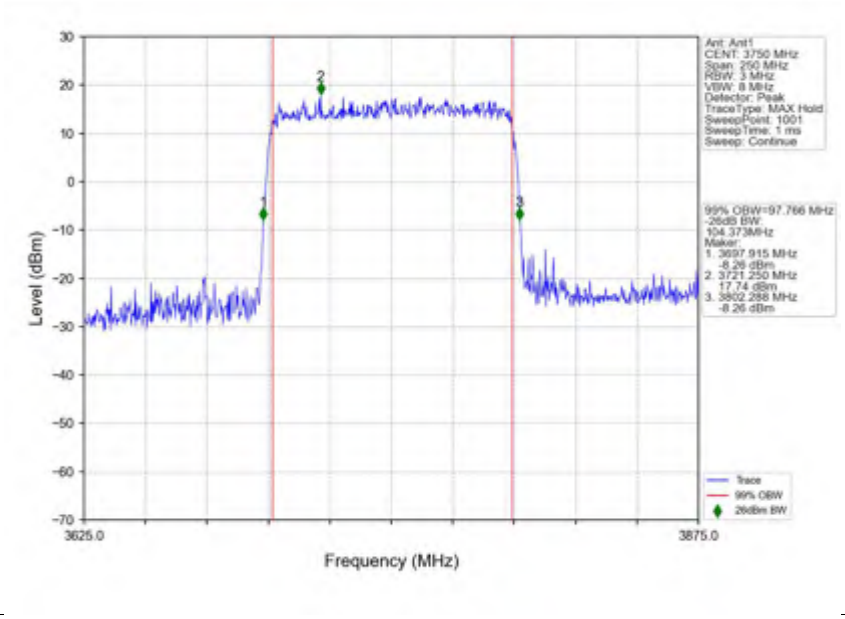
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3750MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3750MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3750MHz_Outer_Full



4. Peak-Average Ratio

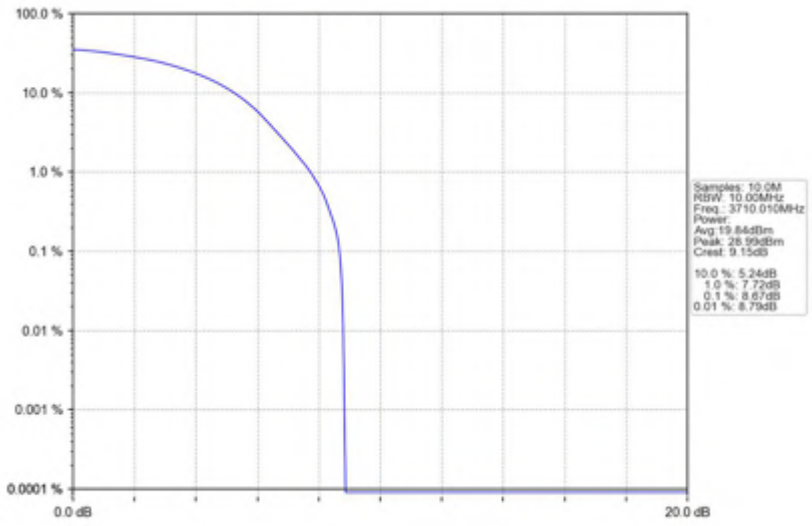
4.1 30k_SISO_20MHz_NTNV

4.1.1 Test Result

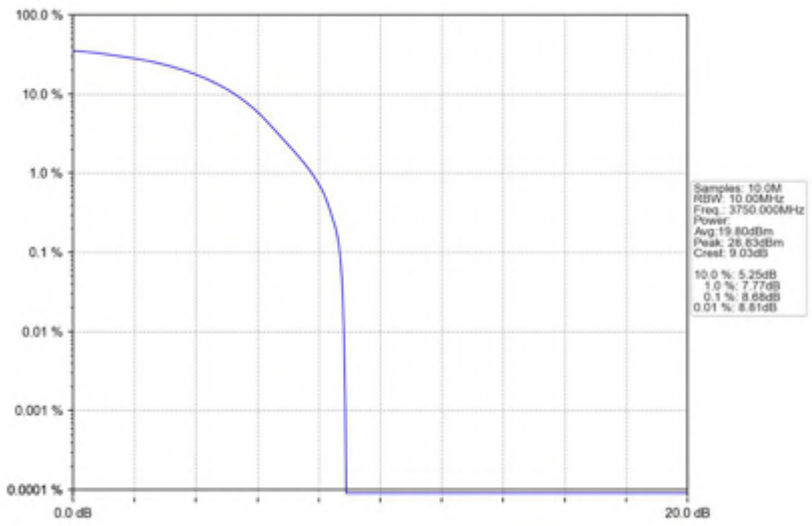
5G NR n78(3700-3800MHz) SCS=30kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Outer_Full	8.67	/	/	<=13	Pass
	3750	Outer_Full	8.68	/	/	<=13	Pass
	3789.99	Outer_Full	10.23	/	/	<=13	Pass
DFT-s-OFDM QPSK	3710.01	Outer_Full	9.89	/	/	<=13	Pass
	3750	Outer_Full	9.67	/	/	<=13	Pass
	3789.99	Outer_Full	9.75	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer_Full	10.34	/	/	<=13	Pass
	3750	Outer_Full	10.28	/	/	<=13	Pass
	3789.99	Outer_Full	10.43	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	10.64	/	/	<=13	Pass
	3750	Outer_Full	10.44	/	/	<=13	Pass
	3789.99	Outer_Full	10.52	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer_Full	12.32	/	/	<=13	Pass
	3750	Outer_Full	10.47	/	/	<=13	Pass
	3789.99	Outer_Full	12.71	/	/	<=13	Pass
CP-OFDM QPSK	3710.01	Outer_Full	11.81	/	/	<=13	Pass
	3750	Outer_Full	11.76	/	/	<=13	Pass
	3789.99	Outer_Full	11.59	/	/	<=13	Pass
CP-OFDM 16 QAM	3710.01	Outer_Full	11.91	/	/	<=13	Pass
	3750	Outer_Full	11.50	/	/	<=13	Pass
	3789.99	Outer_Full	11.58	/	/	<=13	Pass
CP-OFDM 64 QAM	3710.01	Outer_Full	11.50	/	/	<=13	Pass
	3750	Outer_Full	11.74	/	/	<=13	Pass
	3789.99	Outer_Full	11.59	/	/	<=13	Pass
CP-OFDM 256 QAM	3710.01	Outer_Full	12.50	/	/	<=13	Pass
	3750	Outer_Full	11.90	/	/	<=13	Pass
	3789.99	Outer_Full	11.86	/	/	<=13	Pass

4.1.2 Test Graph

n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3710.01MHz_Outer_Full

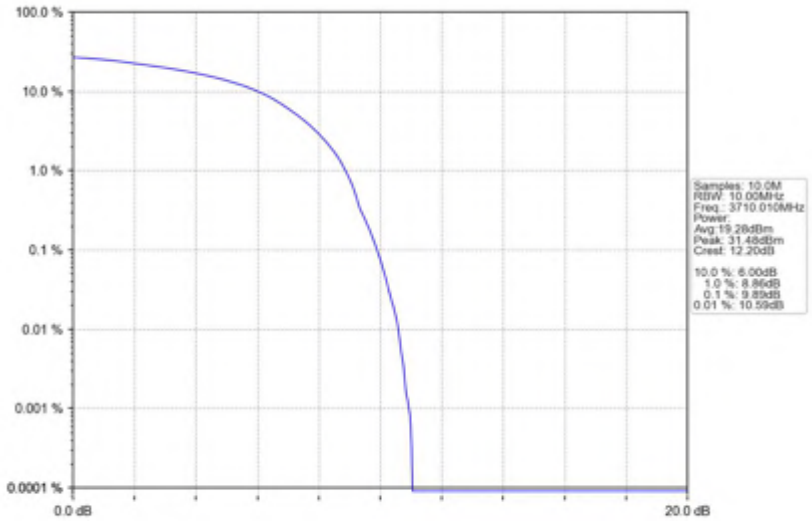


n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full

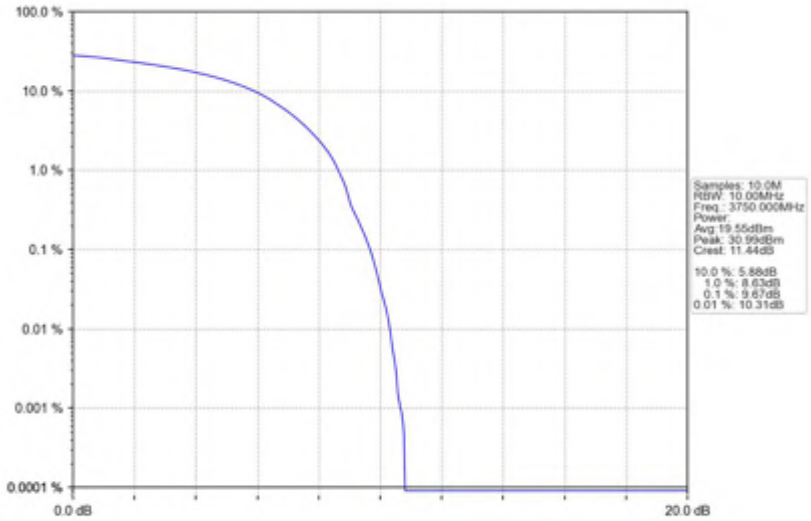


n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3789.99MHz_Outer_Full

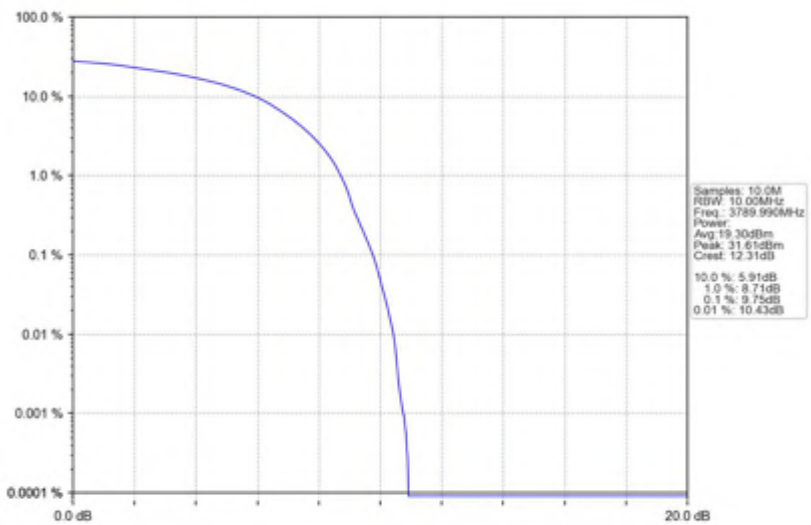
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3710.01MHz_Outer_Full



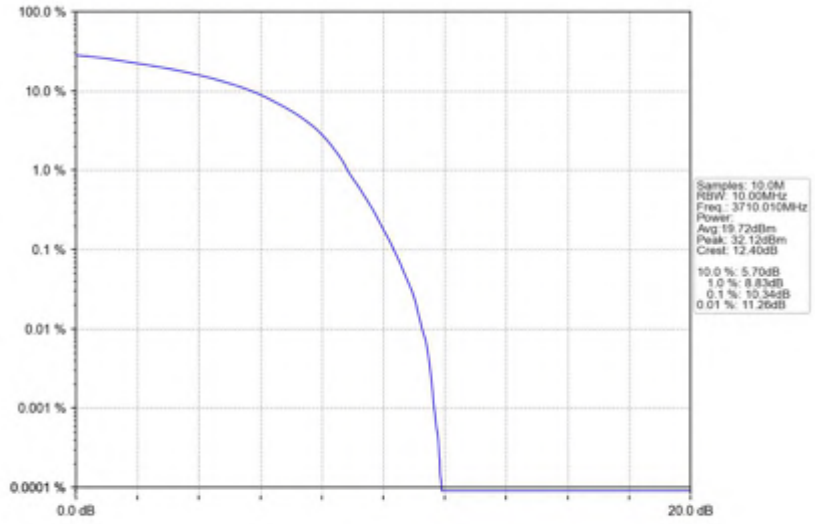
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full



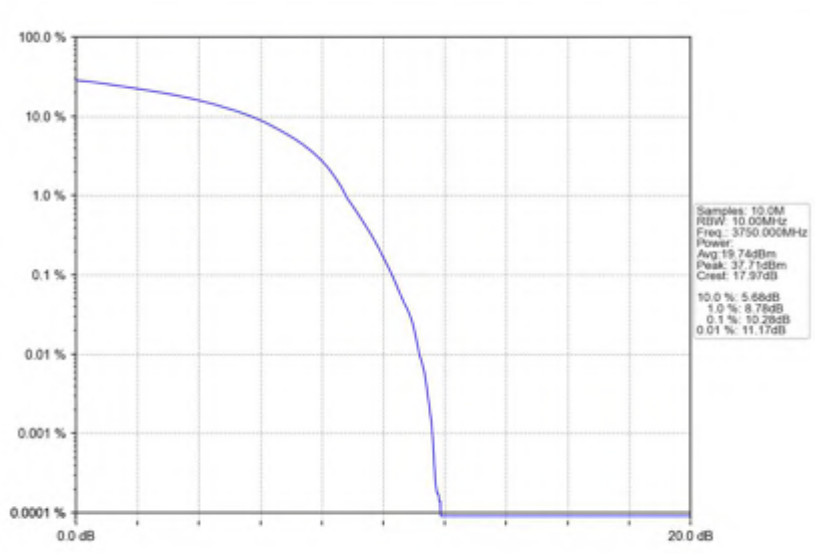
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3789.99MHz_Outer_Full



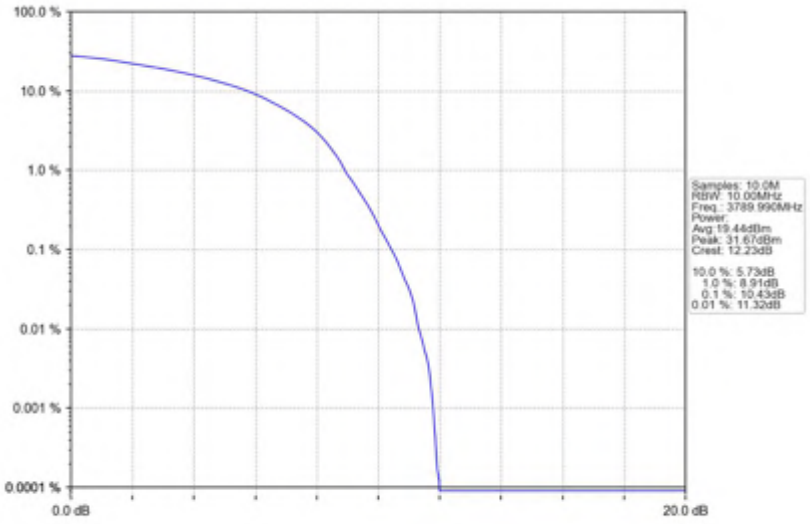
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3710.01MHz_Outer_Full



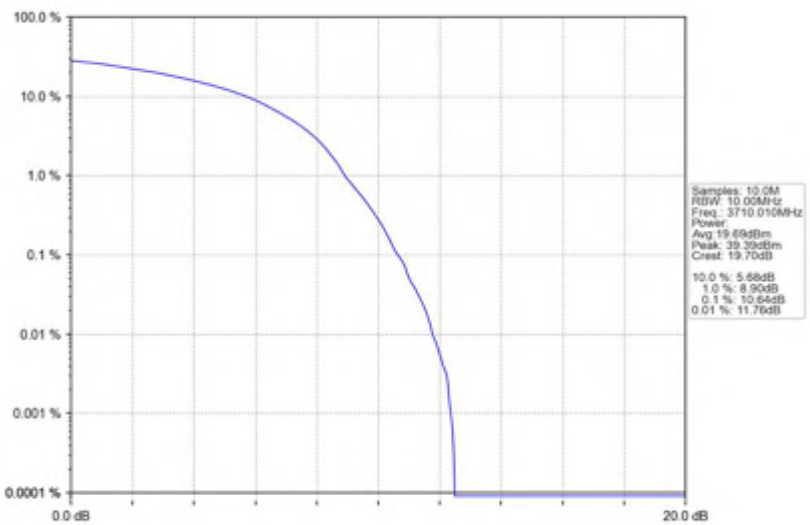
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3750MHz_Outer_Full



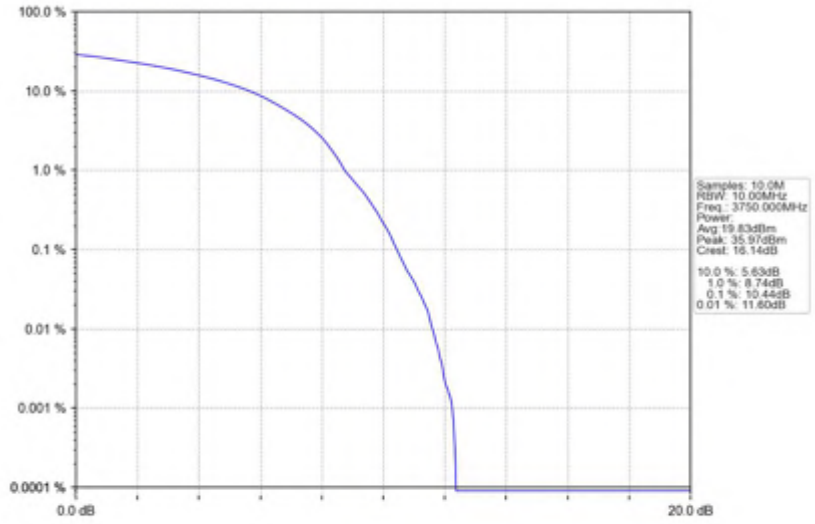
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3789.99MHz_Outer_Full



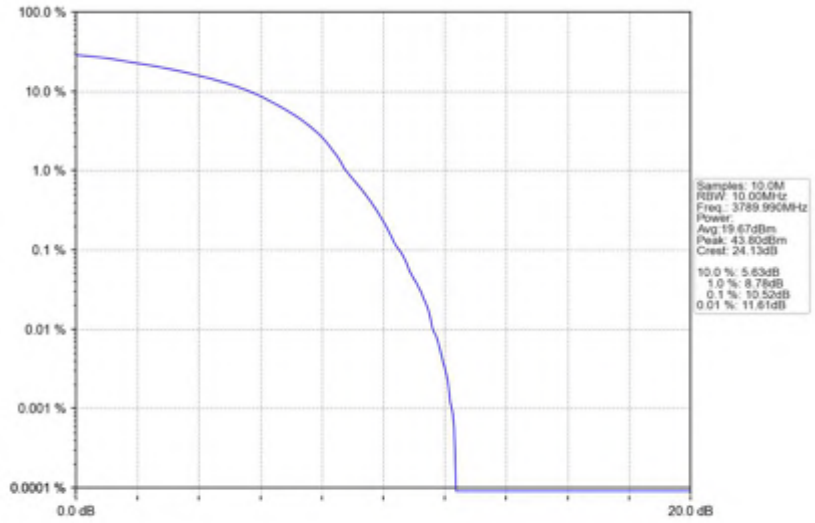
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3710.01MHz_Outer_Full



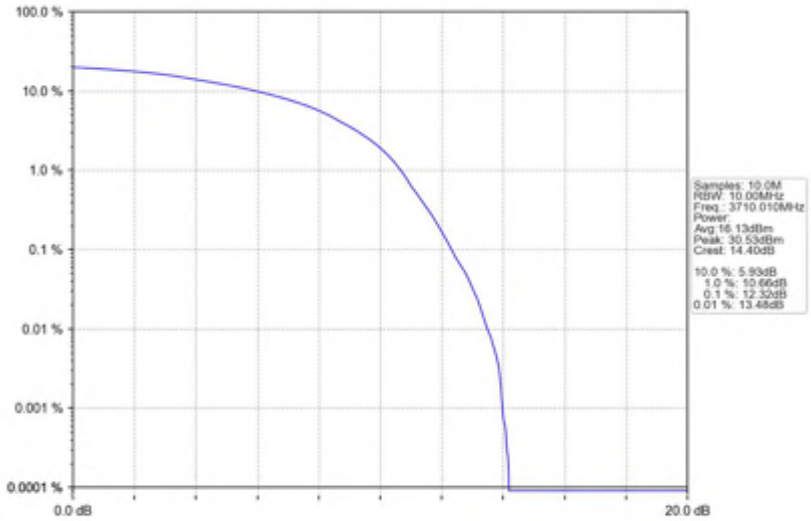
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3750MHz_Outer_Full



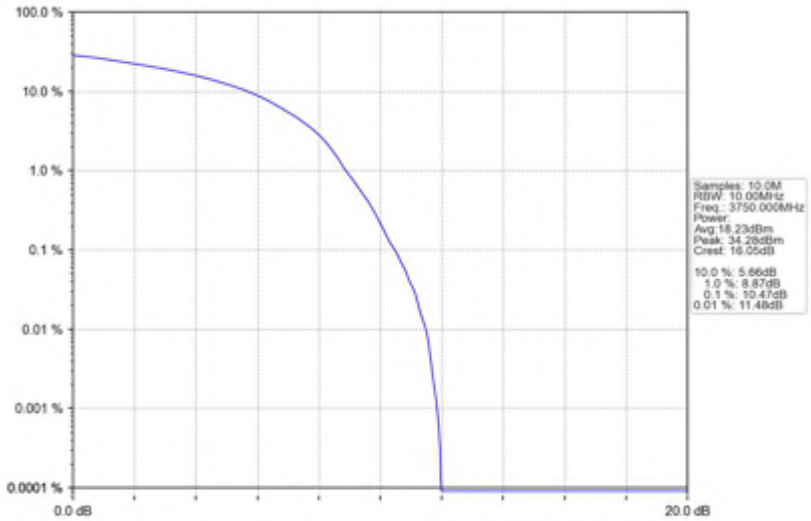
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3789.99MHz_Outer_Full



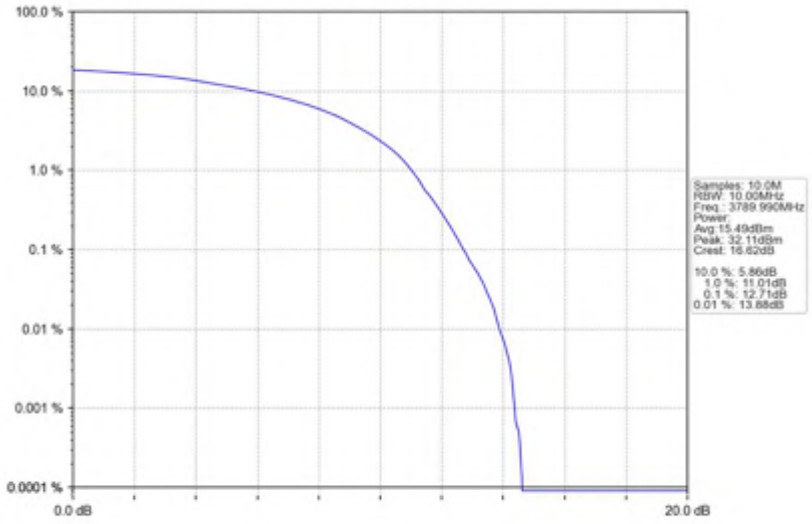
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3710.01MHz_Outer_Full



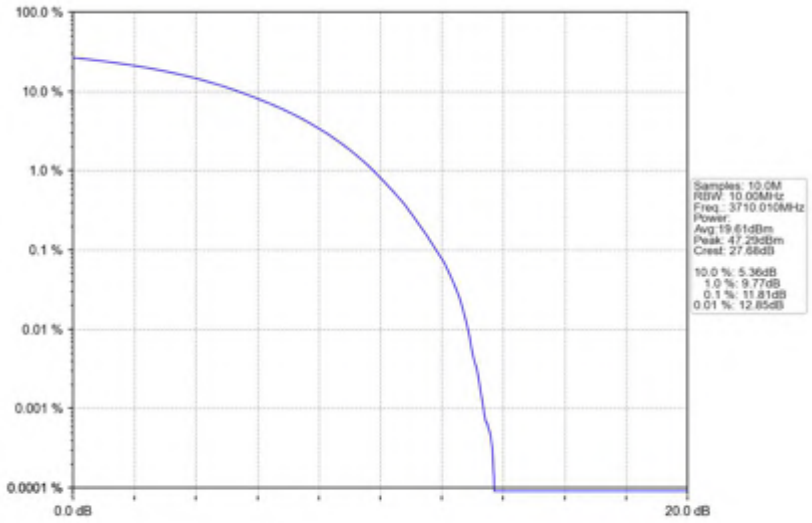
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3750MHz_Outer_Full



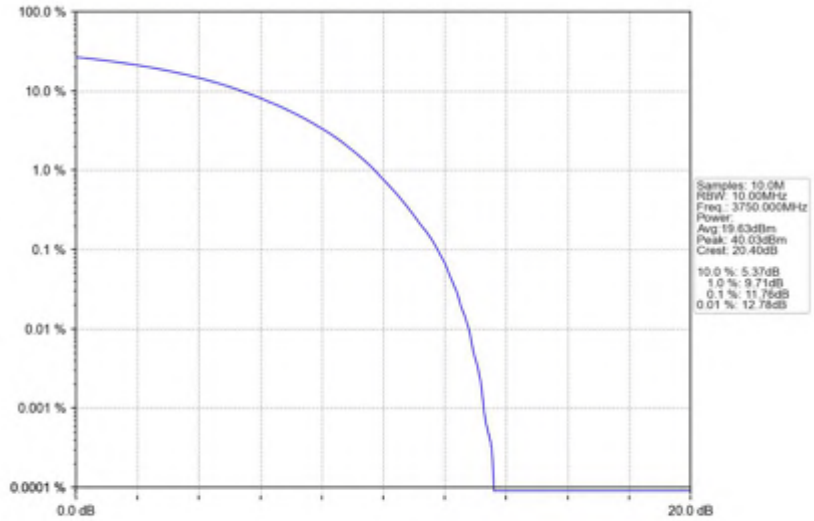
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3789.99MHz_Outer_Full



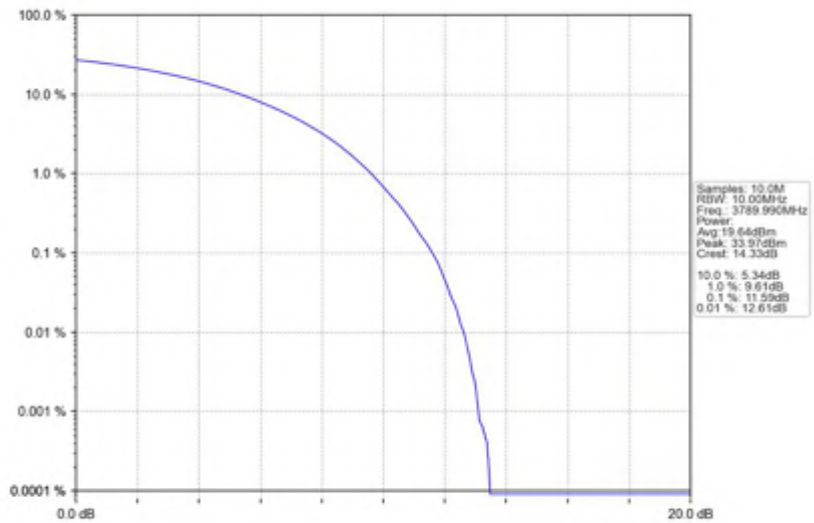
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3710.01MHz_Outer_Full



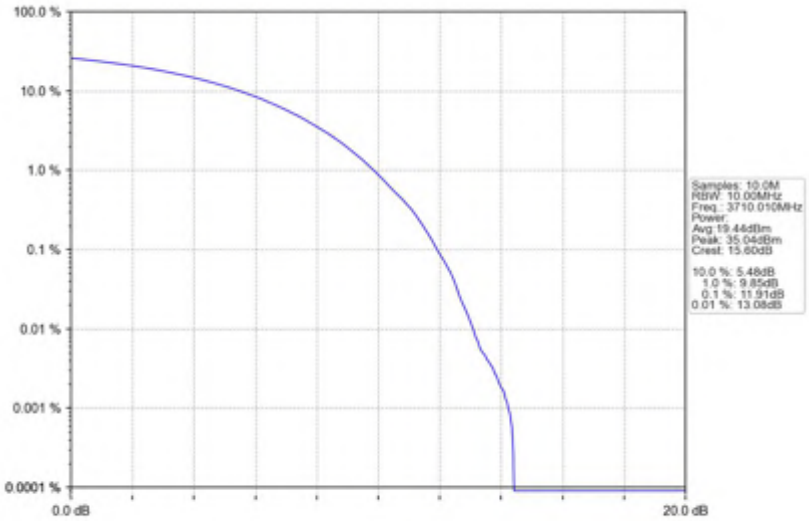
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3750MHz_Outer_Full



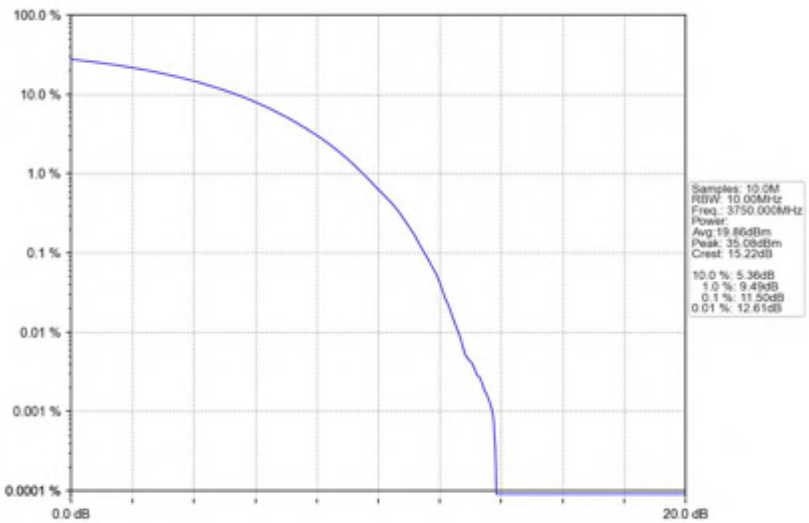
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3789.99MHz_Outer_Full



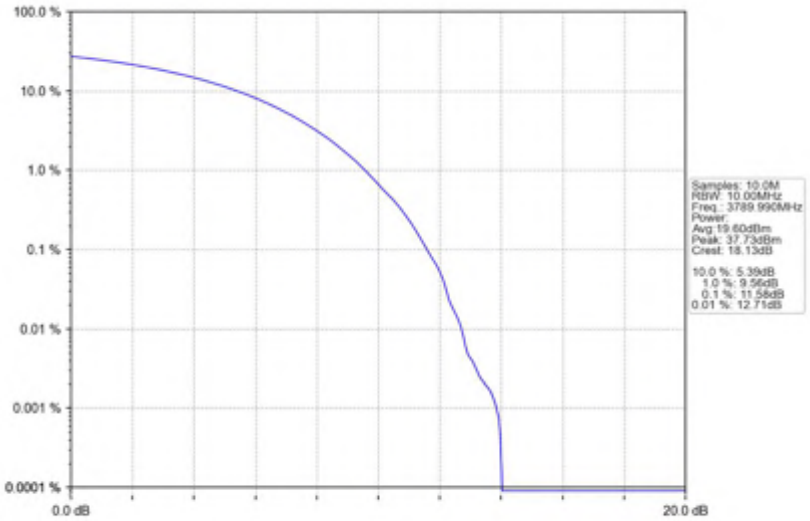
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3710.01MHz_Outer_Full



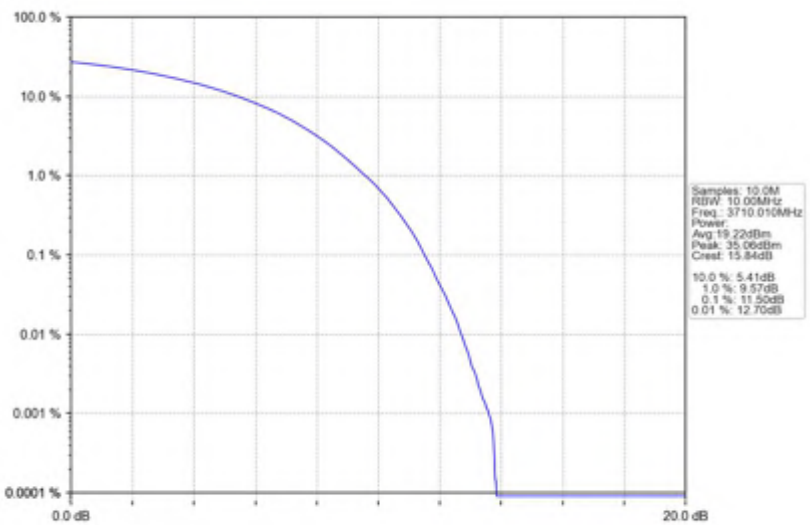
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3750MHz_Outer_Full



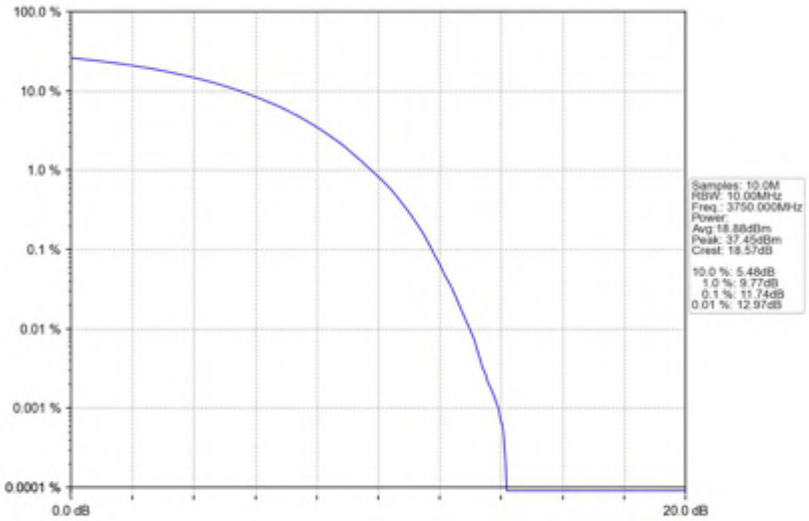
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3789.99MHz_Outer_Full



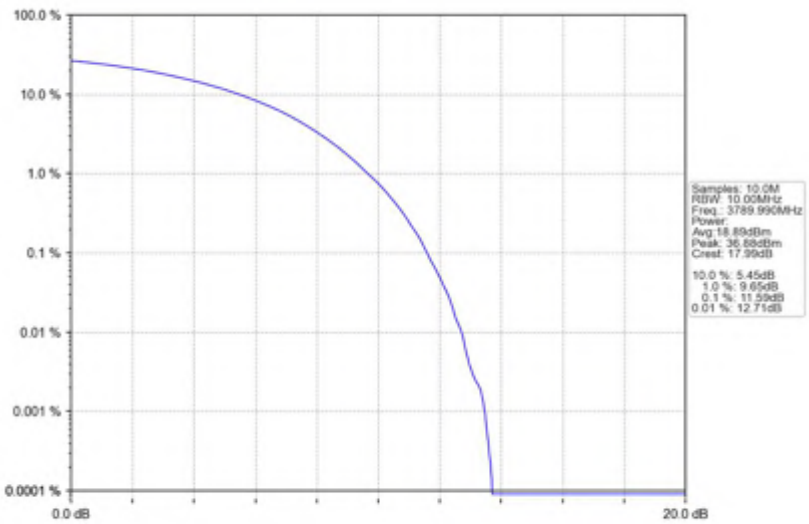
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3710.01MHz_Outer_Full



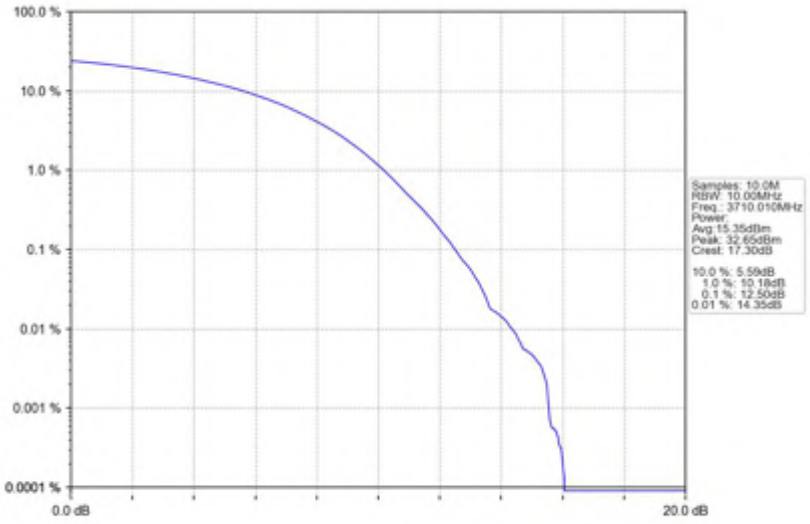
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3750MHz_Outer_Full



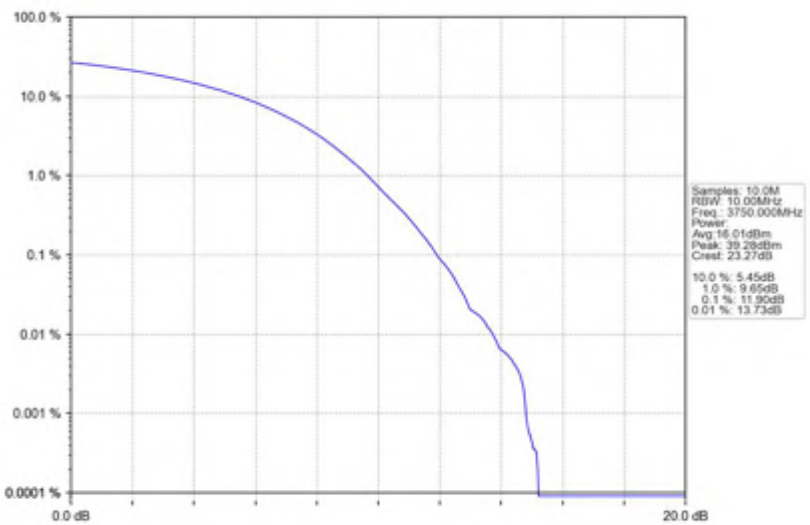
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3789.99MHz_Outer_Full



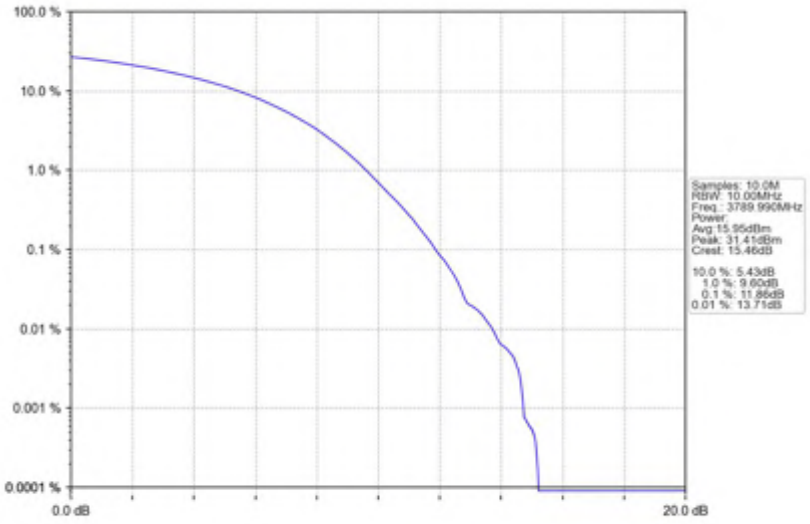
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3710.01MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3750MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3789.99MHz_Outer_Full



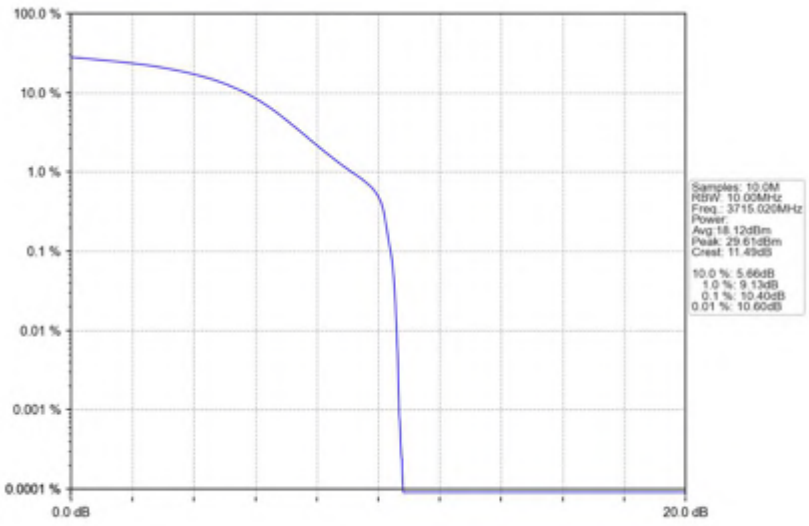
4.2 30k_SISO_30MHz_NTNV

4.2.1 Test Result

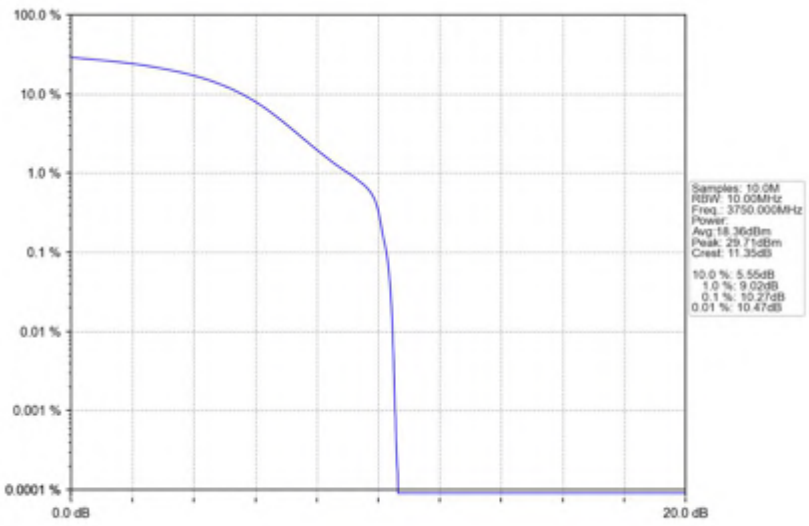
5G NR n78(3700-3800MHz) SCS=30kHz SISO 30MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3715.02	Outer_Full	10.40	/	/	<=13	Pass
	3750	Outer_Full	10.27	/	/	<=13	Pass
	3784.98	Outer_Full	10.53	/	/	<=13	Pass
DFT-s-OFDM QPSK	3715.02	Outer_Full	10.44	/	/	<=13	Pass
	3750	Outer_Full	10.58	/	/	<=13	Pass
	3784.98	Outer_Full	10.51	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3715.02	Outer_Full	10.85	/	/	<=13	Pass
	3750	Outer_Full	10.78	/	/	<=13	Pass
	3784.98	Outer_Full	10.72	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3715.02	Outer_Full	10.73	/	/	<=13	Pass
	3750	Outer_Full	10.69	/	/	<=13	Pass
	3784.98	Outer_Full	10.63	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3715.02	Outer_Full	11.18	/	/	<=13	Pass
	3750	Outer_Full	11.18	/	/	<=13	Pass
	3784.98	Outer_Full	10.75	/	/	<=13	Pass
CP-OFDM QPSK	3715.02	Outer_Full	11.69	/	/	<=13	Pass
	3750	Outer_Full	11.76	/	/	<=13	Pass
	3784.98	Outer_Full	11.83	/	/	<=13	Pass
CP-OFDM 16 QAM	3715.02	Outer_Full	11.72	/	/	<=13	Pass
	3750	Outer_Full	11.73	/	/	<=13	Pass
	3784.98	Outer_Full	11.76	/	/	<=13	Pass
CP-OFDM 64 QAM	3715.02	Outer_Full	11.46	/	/	<=13	Pass
	3750	Outer_Full	11.68	/	/	<=13	Pass
	3784.98	Outer_Full	11.71	/	/	<=13	Pass
CP-OFDM 256 QAM	3715.02	Outer_Full	11.78	/	/	<=13	Pass
	3750	Outer_Full	12.07	/	/	<=13	Pass
	3784.98	Outer_Full	11.89	/	/	<=13	Pass

4.2.2 Test Graph

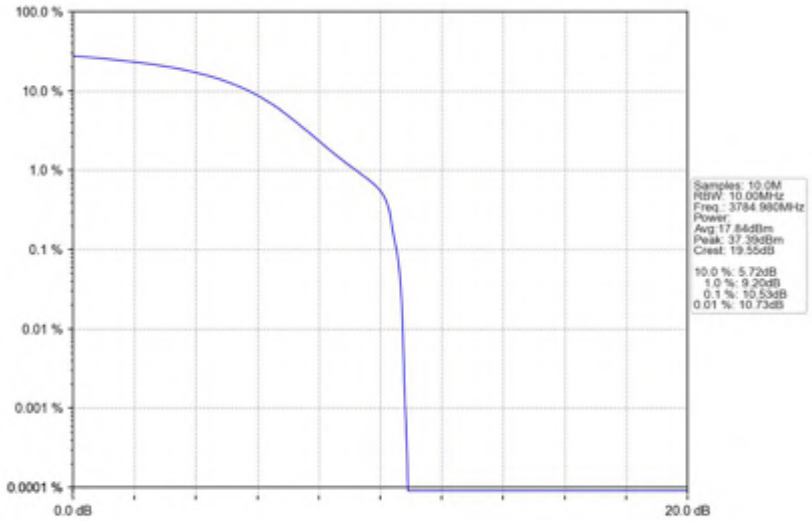
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3715.02MHz_Outer_Full



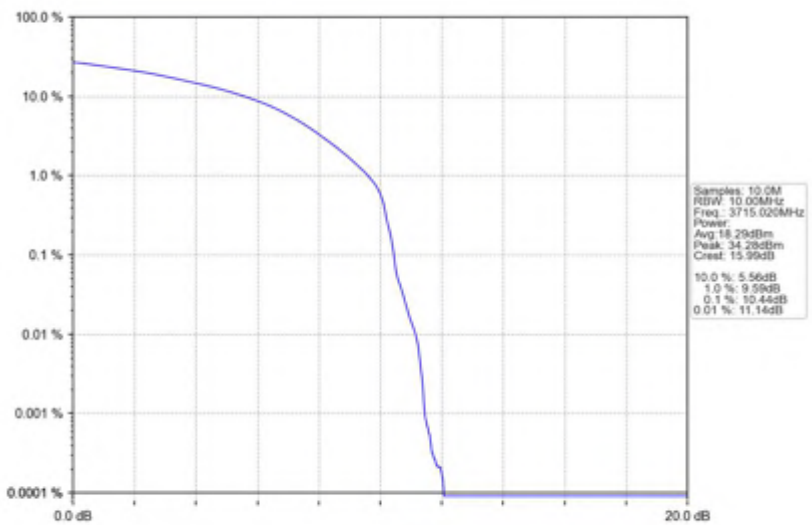
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full



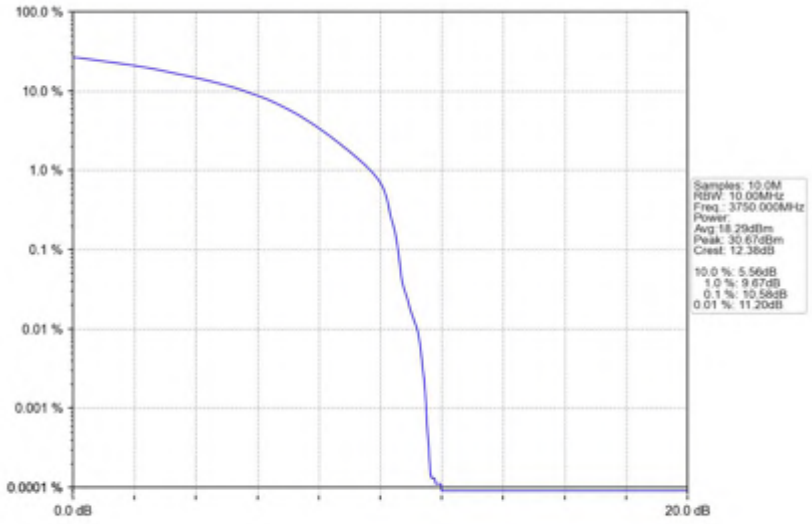
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3784.98MHz_Outer_Full



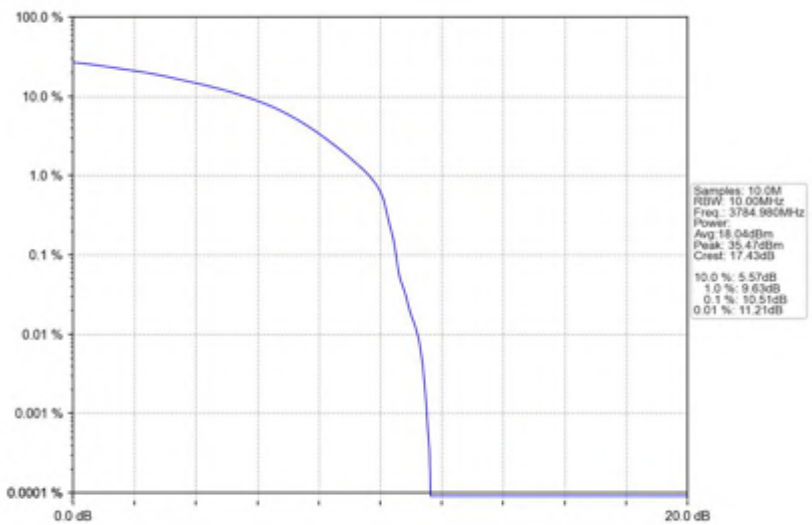
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3715.02MHz_Outer_Full



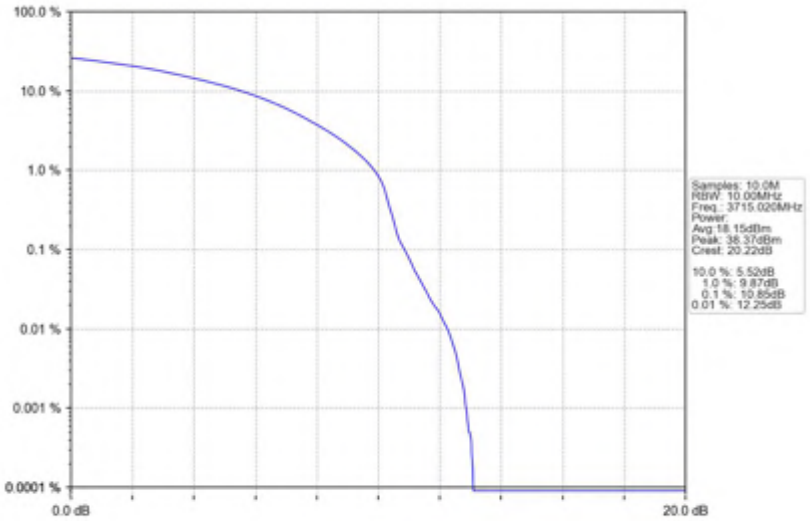
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full



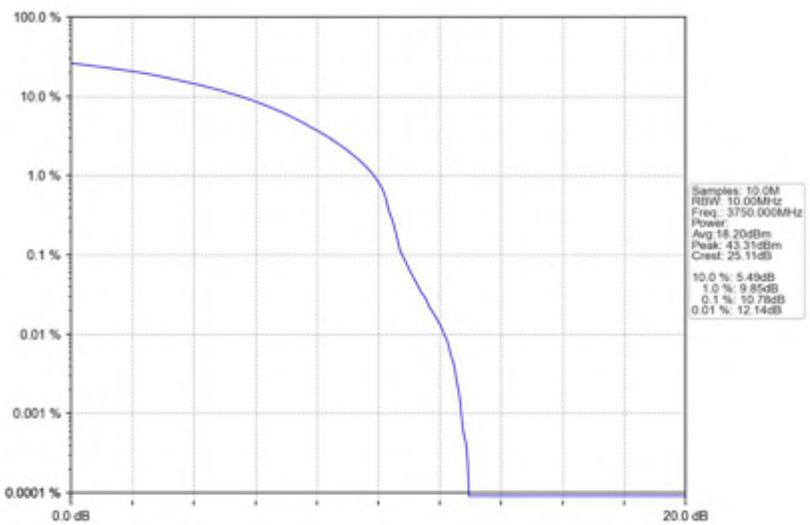
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3784.98MHz_Outer_Full



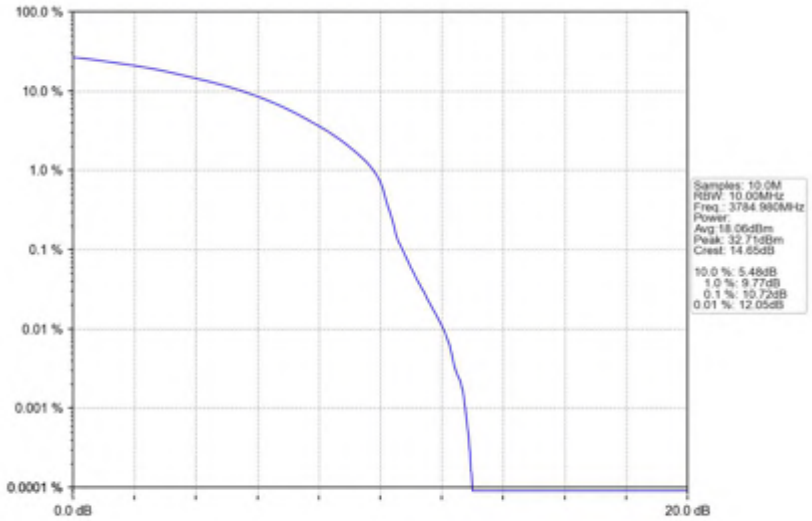
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3715.02MHz_Outer_Full



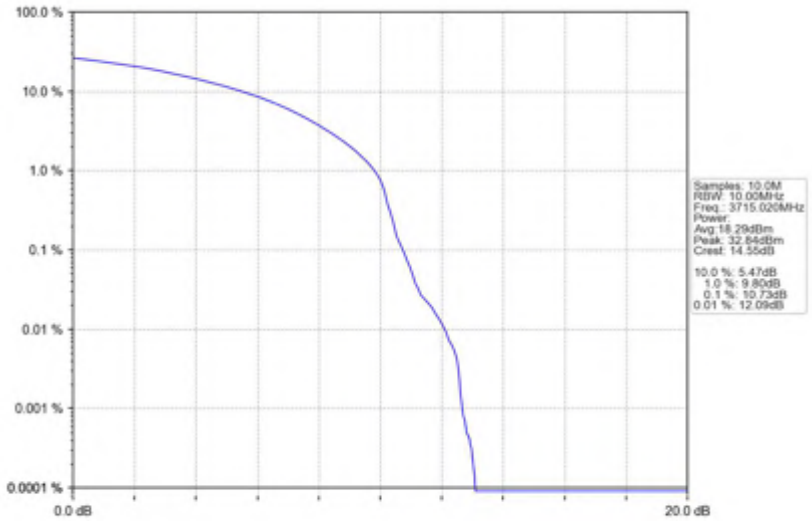
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3750MHz_Outer_Full



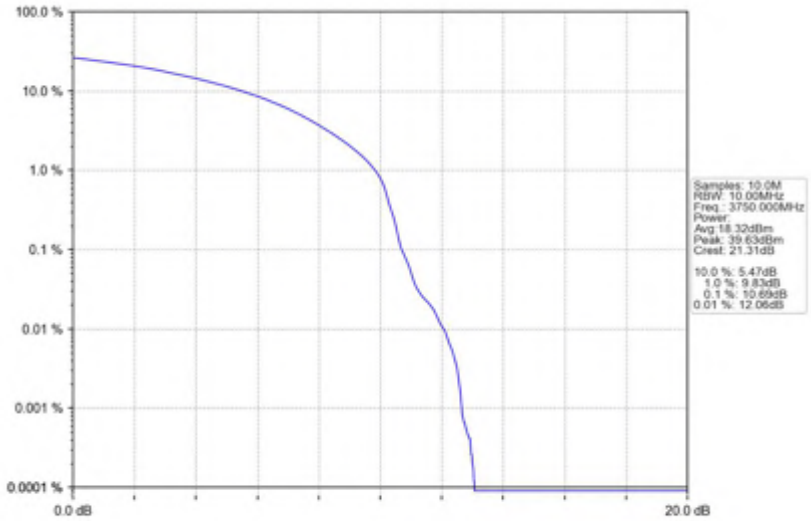
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3784.98MHz_Outer_Full



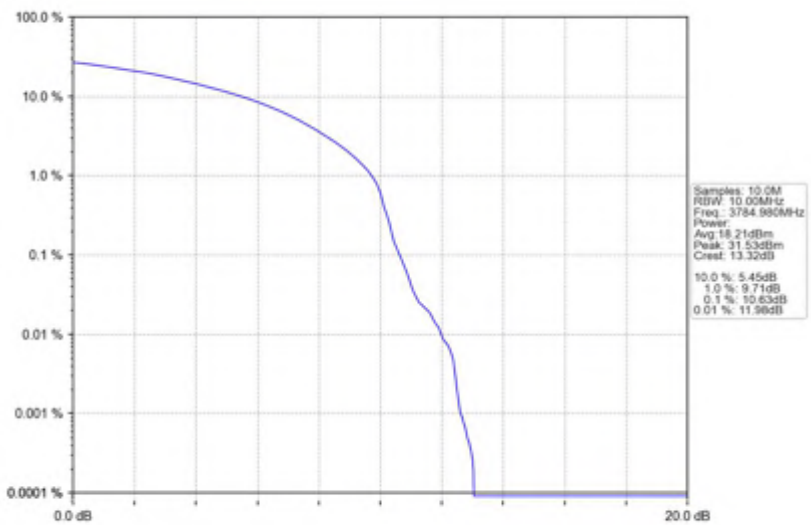
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3715.02MHz_Outer_Full



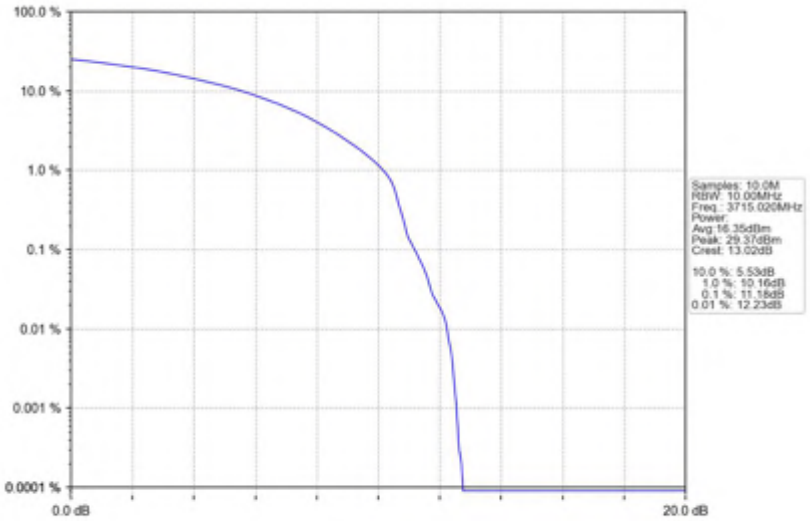
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3750MHz_Outer_Full



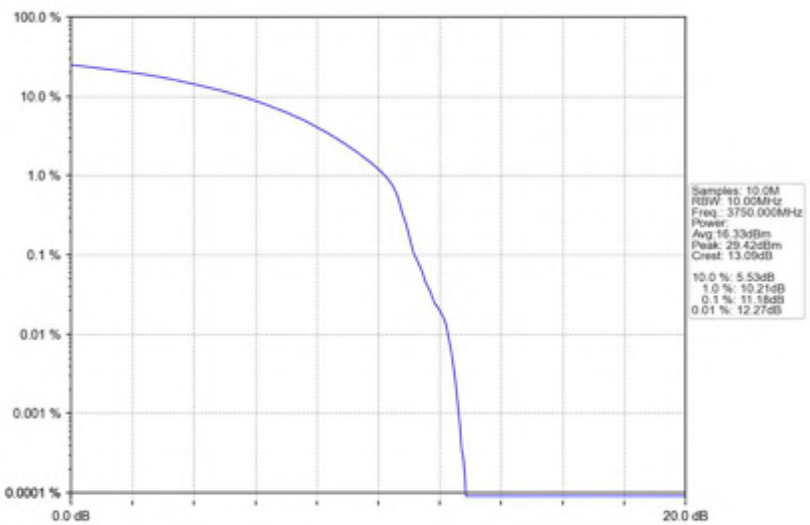
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3784.98MHz_Outer_Full



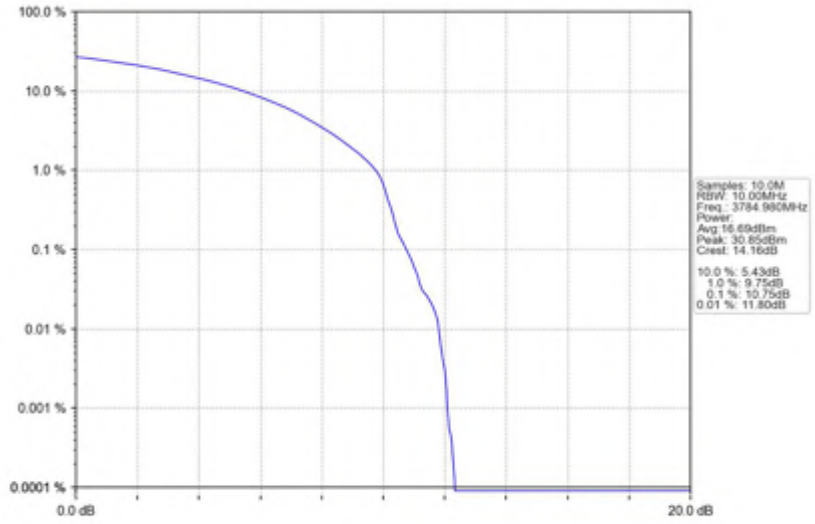
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3715.02MHz_Outer_Full



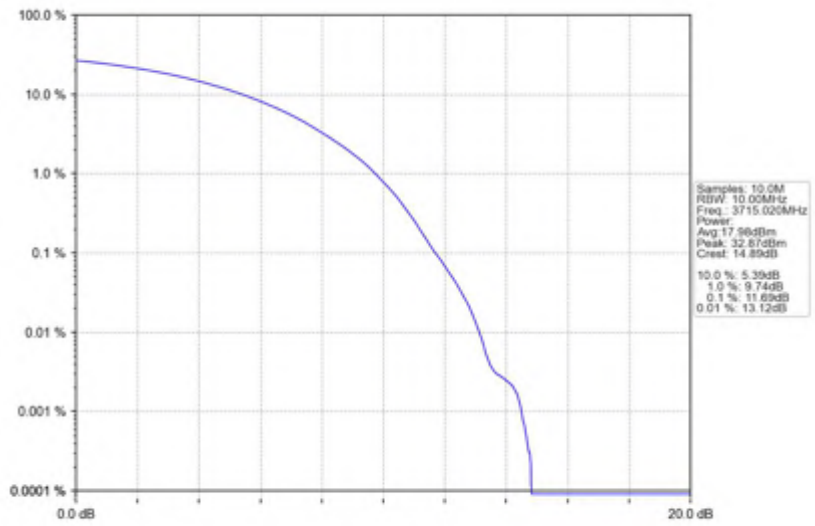
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3750MHz_Outer_Full



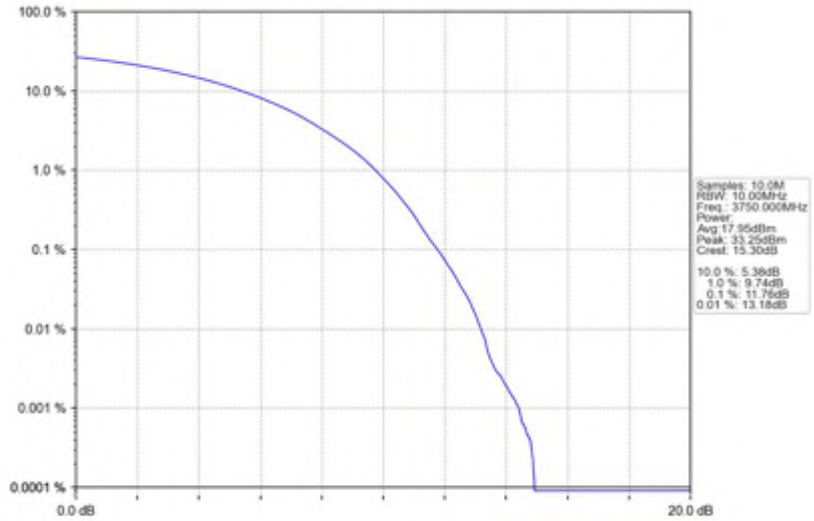
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3784.98MHz_Outer_Full



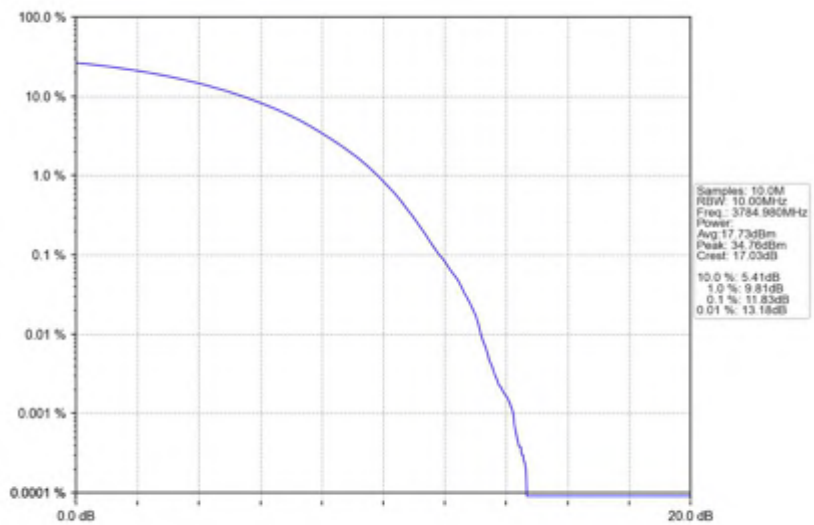
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3715.02MHz_Outer_Full



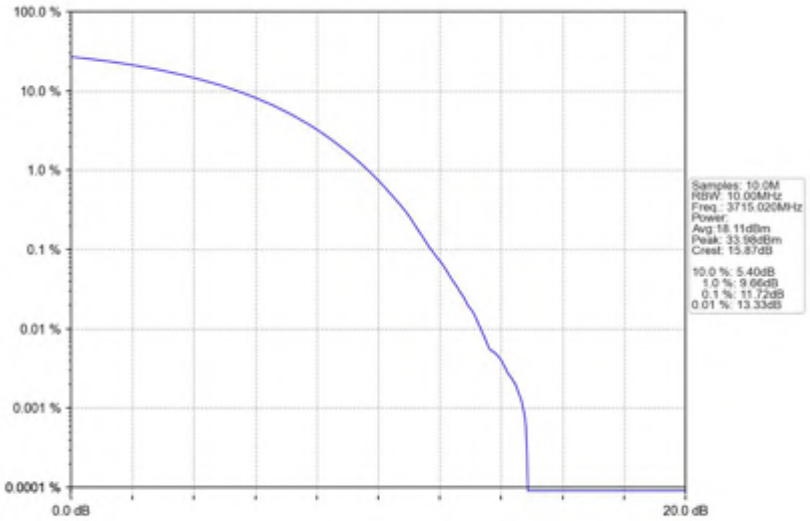
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3750MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3784.98MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_3715.02MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_3750MHz_Outer_Full