

Appendix A.38

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_20M_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3460.02	Edge_1RB_Left	23.01	/	/	22.96	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	22.33	/	/	<=30	Pass
		Outer_Full	25.75	/	/	25.70	/	/	<=30	Pass
		Inner_Full	26.29	/	/	26.24	/	/	<=30	Pass
		Inner_1RB_Left	26.53	/	/	26.48	/	/	<=30	Pass
		Inner_1RB_Right	25.79	/	/	25.74	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.80	/	/	22.75	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	22.40	/	/	<=30	Pass
		Outer_Full	25.66	/	/	25.61	/	/	<=30	Pass
		Inner_Full	26.16	/	/	26.11	/	/	<=30	Pass
		Inner_1RB_Left	26.32	/	/	26.27	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	25.75	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.33	/	/	22.28	/	/	<=30	Pass
		Edge_1RB_Right	21.92	/	/	21.87	/	/	<=30	Pass
		Outer_Full	25.22	/	/	25.17	/	/	<=30	Pass
		Inner_Full	25.65	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Left	25.89	/	/	25.84	/	/	<=30	Pass
		Inner_1RB_Right	25.32	/	/	25.27	/	/	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Edge_1RB_Left	23.18	/	/	23.13	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	22.32	/	/	<=30	Pass
		Outer_Full	25.22	/	/	25.17	/	/	<=30	Pass
		Inner_Full	26.22	/	/	26.17	/	/	<=30	Pass
		Inner_1RB_Left	26.57	/	/	26.52	/	/	<=30	Pass
		Inner_1RB_Right	25.79	/	/	25.74	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.78	/	/	22.73	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	22.32	/	/	<=30	Pass
		Outer_Full	25.27	/	/	25.22	/	/	<=30	Pass
		Inner_Full	26.14	/	/	26.09	/	/	<=30	Pass
		Inner_1RB_Left	26.24	/	/	26.19	/	/	<=30	Pass
		Inner_1RB_Right	25.87	/	/	25.82	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.50	/	/	22.45	/	/	<=30	Pass
		Edge_1RB_Right	21.81	/	/	21.76	/	/	<=30	Pass
		Outer_Full	24.69	/	/	24.64	/	/	<=30	Pass
		Inner_Full	25.70	/	/	25.65	/	/	<=30	Pass
		Inner_1RB_Left	25.87	/	/	25.82	/	/	<=30	Pass
		Inner_1RB_Right	25.41	/	/	25.36	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Edge_1RB_Left	23.12	/	/	23.07	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	22.19	/	/	<=30	Pass
		Outer_Full	24.33	/	/	24.28	/	/	<=30	Pass
		Inner_Full	25.34	/	/	25.29	/	/	<=30	Pass

		Inner_1RB_Left	25.52	/	/	25.47	/	/	<=30	Pass
		Inner_1RB_Right	24.76	/	/	24.71	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.81	/	/	22.76	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	22.20	/	/	<=30	Pass
		Outer_Full	24.24	/	/	24.19	/	/	<=30	Pass
		Inner_Full	25.22	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	25.24	/	/	25.19	/	/	<=30	Pass
		Inner_1RB_Right	24.75	/	/	24.70	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.38	/	/	22.33	/	/	<=30	Pass
		Edge_1RB_Right	21.88	/	/	21.83	/	/	<=30	Pass
		Outer_Full	23.69	/	/	23.64	/	/	<=30	Pass
		Inner_Full	24.69	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Left	24.78	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	24.27	/	/	24.22	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Edge_1RB_Left	23.24	/	/	23.19	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	22.47	/	/	<=30	Pass
		Outer_Full	23.80	/	/	23.75	/	/	<=30	Pass
		Inner_Full	23.73	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Left	24.13	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	23.37	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.93	/	/	22.88	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	22.32	/	/	<=30	Pass
		Outer_Full	23.66	/	/	23.61	/	/	<=30	Pass
		Inner_Full	23.78	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Left	23.92	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	23.32	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.48	/	/	22.43	/	/	<=30	Pass
		Edge_1RB_Right	22.06	/	/	22.01	/	/	<=30	Pass
		Outer_Full	23.20	/	/	23.15	/	/	<=30	Pass
		Inner_Full	23.18	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Right	22.99	/	/	22.94	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Edge_1RB_Left	22.19	/	/	22.14	/	/	<=30	Pass
		Edge_1RB_Right	21.25	/	/	21.20	/	/	<=30	Pass
		Outer_Full	21.77	/	/	21.72	/	/	<=30	Pass
		Inner_Full	21.85	/	/	21.80	/	/	<=30	Pass
		Inner_1RB_Left	22.13	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Right	21.32	/	/	21.27	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.80	/	/	21.75	/	/	<=30	Pass
		Edge_1RB_Right	21.35	/	/	21.30	/	/	<=30	Pass
		Outer_Full	21.56	/	/	21.51	/	/	<=30	Pass
		Inner_Full	21.70	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Left	21.84	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Right	21.24	/	/	21.19	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.35	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	21.00	/	/	20.95	/	/	<=30	Pass
		Outer_Full	21.19	/	/	21.14	/	/	<=30	Pass
		Inner_Full	21.10	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Left	21.44	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Right	21.00	/	/	20.95	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Edge_1RB_Left	23.23	/	/	23.18	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	22.45	/	/	<=30	Pass
		Outer_Full	23.37	/	/	23.32	/	/	<=30	Pass

		Inner Full	24.71	/	/	24.66	/	/	<=30	Pass
		Inner 1RB Left	25.27	/	/	25.22	/	/	<=30	Pass
		Inner 1RB Right	24.50	/	/	24.45	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.96	/	/	22.91	/	/	<=30	Pass
		Edge 1RB Right	22.40	/	/	22.35	/	/	<=30	Pass
		Outer Full	23.11	/	/	23.06	/	/	<=30	Pass
		Inner Full	24.64	/	/	24.59	/	/	<=30	Pass
		Inner 1RB Left	24.90	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Right	24.38	/	/	24.33	/	/	<=30	Pass
	3540	Edge 1RB Left	22.48	/	/	22.43	/	/	<=30	Pass
		Edge 1RB Right	22.05	/	/	22.00	/	/	<=30	Pass
		Outer Full	22.70	/	/	22.65	/	/	<=30	Pass
		Inner Full	24.13	/	/	24.08	/	/	<=30	Pass
		Inner 1RB Left	24.55	/	/	24.50	/	/	<=30	Pass
		Inner 1RB Right	24.05	/	/	24.00	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.02	Edge 1RB Left	23.16	/	/	23.11	/	/	<=30	Pass
		Edge 1RB Right	22.42	/	/	22.37	/	/	<=30	Pass
		Outer Full	23.37	/	/	23.32	/	/	<=30	Pass
		Inner Full	24.24	/	/	24.19	/	/	<=30	Pass
		Inner 1RB Left	24.58	/	/	24.53	/	/	<=30	Pass
		Inner 1RB Right	23.74	/	/	23.69	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.77	/	/	22.72	/	/	<=30	Pass
		Edge 1RB Right	22.44	/	/	22.39	/	/	<=30	Pass
		Outer Full	23.10	/	/	23.05	/	/	<=30	Pass
		Inner Full	24.11	/	/	24.06	/	/	<=30	Pass
		Inner 1RB Left	24.25	/	/	24.20	/	/	<=30	Pass
		Inner 1RB Right	23.75	/	/	23.70	/	/	<=30	Pass
	3540	Edge 1RB Left	22.49	/	/	22.44	/	/	<=30	Pass
		Edge 1RB Right	22.01	/	/	21.96	/	/	<=30	Pass
		Outer Full	22.59	/	/	22.54	/	/	<=30	Pass
		Inner Full	23.67	/	/	23.62	/	/	<=30	Pass
		Inner 1RB Left	23.84	/	/	23.79	/	/	<=30	Pass
		Inner 1RB Right	23.39	/	/	23.34	/	/	<=30	Pass
CP-OFDM 64 QAM	3460.02	Edge 1RB Left	23.28	/	/	23.23	/	/	<=30	Pass
		Edge 1RB Right	22.41	/	/	22.36	/	/	<=30	Pass
		Outer Full	22.83	/	/	22.78	/	/	<=30	Pass
		Inner Full	22.82	/	/	22.77	/	/	<=30	Pass
		Inner 1RB Left	23.22	/	/	23.17	/	/	<=30	Pass
		Inner 1RB Right	22.55	/	/	22.50	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.78	/	/	22.73	/	/	<=30	Pass
		Edge 1RB Right	22.54	/	/	22.49	/	/	<=30	Pass
		Outer Full	22.55	/	/	22.50	/	/	<=30	Pass
		Inner Full	22.68	/	/	22.63	/	/	<=30	Pass
		Inner 1RB Left	22.95	/	/	22.90	/	/	<=30	Pass
		Inner 1RB Right	22.45	/	/	22.40	/	/	<=30	Pass
	3540	Edge 1RB Left	22.56	/	/	22.51	/	/	<=30	Pass
		Edge 1RB Right	21.92	/	/	21.87	/	/	<=30	Pass
		Outer Full	22.08	/	/	22.03	/	/	<=30	Pass
		Inner Full	22.25	/	/	22.20	/	/	<=30	Pass
		Inner 1RB Left	22.56	/	/	22.51	/	/	<=30	Pass
		Inner 1RB Right	22.04	/	/	21.99	/	/	<=30	Pass
CP-OFDM 256 QAM	3460.02	Edge 1RB Left	20.17	/	/	20.12	/	/	<=30	Pass
		Edge 1RB Right	19.39	/	/	19.34	/	/	<=30	Pass

		Outer_Full	19.86	/	/	19.81	/	/	<=30	Pass
		Inner_Full	19.90	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Left	20.16	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Right	19.49	/	/	19.44	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.70	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	19.37	/	/	19.32	/	/	<=30	Pass
		Outer_Full	19.54	/	/	19.49	/	/	<=30	Pass
		Inner_Full	19.74	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Left	19.84	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Right	19.37	/	/	19.32	/	/	<=30	Pass
	3540	Edge_1RB_Left	19.43	/	/	19.38	/	/	<=30	Pass
		Edge_1RB_Right	18.85	/	/	18.80	/	/	<=30	Pass
		Outer_Full	19.09	/	/	19.04	/	/	<=30	Pass
		Inner_Full	19.27	/	/	19.22	/	/	<=30	Pass
		Inner_1RB_Left	19.43	/	/	19.38	/	/	<=30	Pass
		Inner_1RB_Right	18.99	/	/	18.94	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: -0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30_S_30M_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 30MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3465	Edge_1RB_Left	23.02	/	/	22.97	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	22.58	/	/	<=30	Pass
		Outer_Full	25.52	/	/	25.47	/	/	<=30	Pass
		Inner_Full	25.95	/	/	25.90	/	/	<=30	Pass
		Inner_1RB_Left	26.46	/	/	26.41	/	/	<=30	Pass
		Inner_1RB_Right	26.13	/	/	26.08	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.87	/	/	22.82	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	22.43	/	/	<=30	Pass
		Outer_Full	25.58	/	/	25.53	/	/	<=30	Pass
		Inner_Full	26.12	/	/	26.07	/	/	<=30	Pass
		Inner_1RB_Left	26.50	/	/	26.45	/	/	<=30	Pass
		Inner_1RB_Right	25.96	/	/	25.91	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.73	/	/	22.68	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	21.89	/	/	<=30	Pass
		Outer_Full	25.48	/	/	25.43	/	/	<=30	Pass
		Inner_Full	25.98	/	/	25.93	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	26.17	/	/	<=30	Pass
		Inner_1RB_Right	25.39	/	/	25.34	/	/	<=30	Pass
DFT-s-OFDM QPSK	3465	Edge_1RB_Left	22.99	/	/	22.94	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	22.43	/	/	<=30	Pass
		Outer_Full	25.10	/	/	25.05	/	/	<=30	Pass
		Inner_Full	25.93	/	/	25.88	/	/	<=30	Pass
		Inner_1RB_Left	26.51	/	/	26.46	/	/	<=30	Pass
		Inner_1RB_Right	26.05	/	/	26.00	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.91	/	/	22.86	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	22.37	/	/	<=30	Pass
		Outer_Full	25.21	/	/	25.16	/	/	<=30	Pass

		Inner Full	26.22	/	/	26.17	/	/	<=30	Pass
		Inner 1RB Left	26.42	/	/	26.37	/	/	<=30	Pass
		Inner 1RB Right	25.97	/	/	25.92	/	/	<=30	Pass
	3534.99	Edge 1RB Left	22.86	/	/	22.81	/	/	<=30	Pass
		Edge 1RB Right	22.04	/	/	21.99	/	/	<=30	Pass
		Outer Full	24.96	/	/	24.91	/	/	<=30	Pass
		Inner Full	25.94	/	/	25.89	/	/	<=30	Pass
		Inner 1RB Left	26.21	/	/	26.16	/	/	<=30	Pass
		Inner 1RB Right	25.35	/	/	25.30	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Edge 1RB Left	22.94	/	/	22.89	/	/	<=30	Pass
		Edge 1RB Right	22.58	/	/	22.53	/	/	<=30	Pass
		Outer Full	24.10	/	/	24.05	/	/	<=30	Pass
		Inner Full	25.01	/	/	24.96	/	/	<=30	Pass
		Inner 1RB Left	25.31	/	/	25.26	/	/	<=30	Pass
		Inner 1RB Right	24.89	/	/	24.84	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.88	/	/	22.83	/	/	<=30	Pass
		Edge 1RB Right	22.39	/	/	22.34	/	/	<=30	Pass
		Outer Full	24.23	/	/	24.18	/	/	<=30	Pass
		Inner Full	25.18	/	/	25.13	/	/	<=30	Pass
		Inner 1RB Left	25.40	/	/	25.35	/	/	<=30	Pass
		Inner 1RB Right	24.90	/	/	24.85	/	/	<=30	Pass
	3534.99	Edge 1RB Left	22.71	/	/	22.66	/	/	<=30	Pass
		Edge 1RB Right	21.92	/	/	21.87	/	/	<=30	Pass
		Outer Full	23.94	/	/	23.89	/	/	<=30	Pass
		Inner Full	24.98	/	/	24.93	/	/	<=30	Pass
		Inner 1RB Left	25.08	/	/	25.03	/	/	<=30	Pass
		Inner 1RB Right	24.28	/	/	24.23	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Edge 1RB Left	23.15	/	/	23.10	/	/	<=30	Pass
		Edge 1RB Right	22.65	/	/	22.60	/	/	<=30	Pass
		Outer Full	23.66	/	/	23.61	/	/	<=30	Pass
		Inner Full	23.52	/	/	23.47	/	/	<=30	Pass
		Inner 1RB Left	24.03	/	/	23.98	/	/	<=30	Pass
		Inner 1RB Right	23.52	/	/	23.47	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.07	/	/	23.02	/	/	<=30	Pass
		Edge 1RB Right	22.61	/	/	22.56	/	/	<=30	Pass
		Outer Full	23.62	/	/	23.57	/	/	<=30	Pass
		Inner Full	23.73	/	/	23.68	/	/	<=30	Pass
		Inner 1RB Left	24.07	/	/	24.02	/	/	<=30	Pass
		Inner 1RB Right	23.53	/	/	23.48	/	/	<=30	Pass
	3534.99	Edge 1RB Left	22.80	/	/	22.75	/	/	<=30	Pass
		Edge 1RB Right	22.05	/	/	22.00	/	/	<=30	Pass
		Outer Full	23.42	/	/	23.37	/	/	<=30	Pass
		Inner Full	23.54	/	/	23.49	/	/	<=30	Pass
		Inner 1RB Left	23.68	/	/	23.63	/	/	<=30	Pass
		Inner 1RB Right	22.96	/	/	22.91	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3465	Edge 1RB Left	22.11	/	/	22.06	/	/	<=30	Pass
		Edge 1RB Right	21.55	/	/	21.50	/	/	<=30	Pass
		Outer Full	21.53	/	/	21.48	/	/	<=30	Pass
		Inner Full	21.42	/	/	21.37	/	/	<=30	Pass
		Inner 1RB Left	22.05	/	/	22.00	/	/	<=30	Pass
		Inner 1RB Right	21.62	/	/	21.57	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.02	/	/	21.97	/	/	<=30	Pass
		Edge 1RB Right	21.39	/	/	21.34	/	/	<=30	Pass

		Outer_Full	21.62	/	/	21.57	/	/	<=30	Pass
		Inner_Full	21.65	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Left	21.98	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Right	21.45	/	/	21.40	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	21.68	/	/	21.63	/	/	<=30	Pass
		Edge_1RB_Right	20.89	/	/	20.84	/	/	<=30	Pass
		Outer_Full	21.51	/	/	21.46	/	/	<=30	Pass
		Inner_Full	21.45	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Left	21.83	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Right	20.97	/	/	20.92	/	/	<=30	Pass
		Edge_1RB_Left	23.05	/	/	23.00	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	22.69	/	/	<=30	Pass
CP-OFDM QPSK	3465	Outer_Full	23.15	/	/	23.10	/	/	<=30	Pass
		Inner_Full	24.50	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Left	25.09	/	/	25.04	/	/	<=30	Pass
		Inner_1RB_Right	24.62	/	/	24.57	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.03	/	/	22.98	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	22.58	/	/	<=30	Pass
		Outer_Full	23.27	/	/	23.22	/	/	<=30	Pass
		Inner_Full	24.69	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Left	25.07	/	/	25.02	/	/	<=30	Pass
		Inner_1RB_Right	24.64	/	/	24.59	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.85	/	/	22.80	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	21.98	/	/	<=30	Pass
		Outer_Full	22.98	/	/	22.93	/	/	<=30	Pass
		Inner_Full	24.47	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Left	24.81	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	23.93	/	/	<=30	Pass
CP-OFDM 16 QAM	3465	Edge_1RB_Left	23.04	/	/	22.99	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	22.56	/	/	<=30	Pass
		Outer_Full	23.13	/	/	23.08	/	/	<=30	Pass
		Inner_Full	23.96	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Left	24.37	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Right	23.96	/	/	23.91	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.01	/	/	22.96	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	22.42	/	/	<=30	Pass
		Outer_Full	23.23	/	/	23.18	/	/	<=30	Pass
		Inner_Full	24.13	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Left	24.36	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	23.83	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.71	/	/	22.66	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	21.95	/	/	<=30	Pass
		Outer_Full	22.98	/	/	22.93	/	/	<=30	Pass
		Inner_Full	23.98	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Left	24.21	/	/	24.16	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	23.37	/	/	<=30	Pass
CP-OFDM 64 QAM	3465	Edge_1RB_Left	23.13	/	/	23.08	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	22.67	/	/	<=30	Pass
		Outer_Full	22.67	/	/	22.62	/	/	<=30	Pass
		Inner_Full	22.43	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Left	23.10	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	22.61	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.06	/	/	23.01	/	/	<=30	Pass

CP-OFDM 256 QAM		Edge 1RB Right	22.46	/	/	22.41	/	/	<=30	Pass
		Outer Full	22.67	/	/	22.62	/	/	<=30	Pass
		Inner Full	22.66	/	/	22.61	/	/	<=30	Pass
		Inner 1RB Left	23.08	/	/	23.03	/	/	<=30	Pass
		Inner 1RB Right	22.49	/	/	22.44	/	/	<=30	Pass
	3534.99	Edge 1RB Left	22.83	/	/	22.78	/	/	<=30	Pass
		Edge 1RB Right	21.94	/	/	21.89	/	/	<=30	Pass
		Outer Full	22.38	/	/	22.33	/	/	<=30	Pass
		Inner Full	22.49	/	/	22.44	/	/	<=30	Pass
		Inner 1RB Left	22.90	/	/	22.85	/	/	<=30	Pass
		Inner 1RB Right	22.06	/	/	22.01	/	/	<=30	Pass
	3465	Edge 1RB Left	20.08	/	/	20.03	/	/	<=30	Pass
		Edge 1RB Right	19.62	/	/	19.57	/	/	<=30	Pass
		Outer Full	19.61	/	/	19.56	/	/	<=30	Pass
		Inner Full	19.44	/	/	19.39	/	/	<=30	Pass
		Inner 1RB Left	20.02	/	/	19.97	/	/	<=30	Pass
		Inner 1RB Right	19.65	/	/	19.60	/	/	<=30	Pass
	3500.01	Edge 1RB Left	19.90	/	/	19.85	/	/	<=30	Pass
		Edge 1RB Right	19.45	/	/	19.40	/	/	<=30	Pass
		Outer Full	19.67	/	/	19.62	/	/	<=30	Pass
		Inner Full	19.69	/	/	19.64	/	/	<=30	Pass
		Inner 1RB Left	19.94	/	/	19.89	/	/	<=30	Pass
	3534.99	Inner 1RB Right	19.45	/	/	19.40	/	/	<=30	Pass
		Edge 1RB Left	19.87	/	/	19.82	/	/	<=30	Pass
		Edge 1RB Right	18.94	/	/	18.89	/	/	<=30	Pass
		Outer Full	19.44	/	/	19.39	/	/	<=30	Pass
		Inner Full	19.46	/	/	19.41	/	/	<=30	Pass
		Inner 1RB Left	19.83	/	/	19.78	/	/	<=30	Pass
		Inner 1RB Right	19.00	/	/	18.95	/	/	<=30	Pass

Note1: Antenna Gain: Ant6: -0.05dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.3 30_S_40M_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Edge 1RB Left	23.23	/	/	23.18	/	/	<=30	Pass
		Edge 1RB Right	22.94	/	/	22.89	/	/	<=30	Pass
		Outer Full	25.75	/	/	25.70	/	/	<=30	Pass
		Inner Full	26.00	/	/	25.95	/	/	<=30	Pass
		Inner 1RB Left	26.75	/	/	26.70	/	/	<=30	Pass
		Inner 1RB Right	26.55	/	/	26.50	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.85	/	/	22.80	/	/	<=30	Pass
		Edge 1RB Right	22.50	/	/	22.45	/	/	<=30	Pass
		Outer Full	25.72	/	/	25.67	/	/	<=30	Pass
		Inner Full	26.15	/	/	26.10	/	/	<=30	Pass
		Inner 1RB Left	26.34	/	/	26.29	/	/	<=30	Pass
		Inner 1RB Right	26.07	/	/	26.02	/	/	<=30	Pass
	3529.98	Edge 1RB Left	22.46	/	/	22.41	/	/	<=30	Pass
		Edge 1RB Right	21.93	/	/	21.88	/	/	<=30	Pass

DFT-s-OFDM QPSK		Outer_Full	25.41	/	/	25.36	/	/	<=30	Pass
		Inner_Full	25.98	/	/	25.93	/	/	<=30	Pass
		Inner_1RB_Left	26.05	/	/	26.00	/	/	<=30	Pass
		Inner_1RB_Right	25.52	/	/	25.47	/	/	<=30	Pass
	3470.01	Edge_1RB_Left	23.22	/	/	23.17	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	22.86	/	/	<=30	Pass
		Outer_Full	25.23	/	/	25.18	/	/	<=30	Pass
		Inner_Full	26.01	/	/	25.96	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	26.68	/	/	26.63	/	/	<=30	Pass
		Inner_1RB_Right	26.37	/	/	26.32	/	/	<=30	Pass
		Edge_1RB_Left	22.87	/	/	22.82	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	22.48	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3529.98	Outer_Full	25.17	/	/	25.12	/	/	<=30	Pass
		Inner_Full	26.17	/	/	26.12	/	/	<=30	Pass
		Inner_1RB_Left	26.29	/	/	26.24	/	/	<=30	Pass
		Inner_1RB_Right	26.03	/	/	25.98	/	/	<=30	Pass
	3470.01	Edge_1RB_Left	22.44	/	/	22.39	/	/	<=30	Pass
		Edge_1RB_Right	21.95	/	/	21.90	/	/	<=30	Pass
		Outer_Full	24.98	/	/	24.93	/	/	<=30	Pass
		Inner_Full	26.06	/	/	26.01	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	25.99	/	/	25.94	/	/	<=30	Pass
		Inner_1RB_Right	25.40	/	/	25.35	/	/	<=30	Pass
		Edge_1RB_Left	23.17	/	/	23.12	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	22.91	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3529.98	Outer_Full	24.25	/	/	24.20	/	/	<=30	Pass
		Inner_Full	25.06	/	/	25.01	/	/	<=30	Pass
		Inner_1RB_Left	25.59	/	/	25.54	/	/	<=30	Pass
		Inner_1RB_Right	25.36	/	/	25.31	/	/	<=30	Pass
	3470.01	Edge_1RB_Left	22.81	/	/	22.76	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	22.50	/	/	<=30	Pass
		Outer_Full	24.22	/	/	24.17	/	/	<=30	Pass
		Inner_Full	25.18	/	/	25.13	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	25.28	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Right	24.88	/	/	24.83	/	/	<=30	Pass
		Edge_1RB_Left	22.40	/	/	22.35	/	/	<=30	Pass
		Edge_1RB_Right	21.80	/	/	21.75	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3529.98	Outer_Full	24.03	/	/	23.98	/	/	<=30	Pass
		Inner_Full	25.08	/	/	25.03	/	/	<=30	Pass
		Inner_1RB_Left	24.85	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Right	24.25	/	/	24.20	/	/	<=30	Pass
	3470.01	Edge_1RB_Left	23.28	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	22.92	/	/	<=30	Pass
		Outer_Full	23.77	/	/	23.72	/	/	<=30	Pass
		Inner_Full	23.57	/	/	23.52	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	24.24	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Right	23.95	/	/	23.90	/	/	<=30	Pass
		Edge_1RB_Left	22.86	/	/	22.81	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	22.51	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3529.98	Outer_Full	23.82	/	/	23.77	/	/	<=30	Pass
		Inner_Full	23.74	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	23.65	/	/	<=30	Pass
	3470.01	Edge_1RB_Left	22.55	/	/	22.50	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	22.50	/	/	<=30	Pass
		Outer_Full	23.82	/	/	23.77	/	/	<=30	Pass
		Inner_Full	23.74	/	/	23.69	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	23.84	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	23.65	/	/	<=30	Pass
		Edge_1RB_Left	22.55	/	/	22.50	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	22.50	/	/	<=30	Pass

DFT-s-OFDM 256 QAM	3470.01	Edge 1RB Right	22.06	/	/	22.01	/	/	<=30	Pass
		Outer Full	23.54	/	/	23.49	/	/	<=30	Pass
		Inner Full	23.54	/	/	23.49	/	/	<=30	Pass
		Inner 1RB Left	23.55	/	/	23.50	/	/	<=30	Pass
		Inner 1RB Right	23.01	/	/	22.96	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.23	/	/	22.18	/	/	<=30	Pass
		Edge 1RB Right	21.82	/	/	21.77	/	/	<=30	Pass
		Outer Full	21.83	/	/	21.78	/	/	<=30	Pass
		Inner Full	21.55	/	/	21.50	/	/	<=30	Pass
		Inner 1RB Left	22.16	/	/	22.11	/	/	<=30	Pass
	3529.98	Inner 1RB Right	22.00	/	/	21.95	/	/	<=30	Pass
		Edge 1RB Left	21.82	/	/	21.77	/	/	<=30	Pass
		Edge 1RB Right	21.50	/	/	21.45	/	/	<=30	Pass
		Outer Full	21.76	/	/	21.71	/	/	<=30	Pass
		Inner Full	21.60	/	/	21.55	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Inner 1RB Left	21.92	/	/	21.87	/	/	<=30	Pass
		Inner 1RB Right	21.65	/	/	21.60	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.39	/	/	21.34	/	/	<=30	Pass
		Edge 1RB Right	20.98	/	/	20.93	/	/	<=30	Pass
		Outer Full	21.45	/	/	21.40	/	/	<=30	Pass
		Inner Full	21.51	/	/	21.46	/	/	<=30	Pass
		Inner 1RB Left	21.40	/	/	21.35	/	/	<=30	Pass
	3529.98	Inner 1RB Right	21.04	/	/	20.99	/	/	<=30	Pass
		Edge 1RB Left	23.33	/	/	23.28	/	/	<=30	Pass
		Edge 1RB Right	23.08	/	/	23.03	/	/	<=30	Pass
		Outer Full	23.30	/	/	23.25	/	/	<=30	Pass
		Inner Full	24.57	/	/	24.52	/	/	<=30	Pass
	3500.01	Inner 1RB Left	25.26	/	/	25.21	/	/	<=30	Pass
		Inner 1RB Right	25.03	/	/	24.98	/	/	<=30	Pass
		Edge 1RB Left	22.90	/	/	22.85	/	/	<=30	Pass
		Edge 1RB Right	22.72	/	/	22.67	/	/	<=30	Pass
		Outer Full	23.28	/	/	23.23	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Inner Full	24.74	/	/	24.69	/	/	<=30	Pass
		Inner 1RB Left	24.94	/	/	24.89	/	/	<=30	Pass
		Inner 1RB Right	24.77	/	/	24.72	/	/	<=30	Pass
	3529.98	Edge 1RB Left	22.62	/	/	22.57	/	/	<=30	Pass
		Edge 1RB Right	22.13	/	/	22.08	/	/	<=30	Pass
		Outer Full	22.96	/	/	22.91	/	/	<=30	Pass
		Inner Full	24.51	/	/	24.46	/	/	<=30	Pass
		Inner 1RB Left	24.69	/	/	24.64	/	/	<=30	Pass
	3500.01	Inner 1RB Right	24.09	/	/	24.04	/	/	<=30	Pass
		Edge 1RB Left	23.03	/	/	22.98	/	/	<=30	Pass
		Edge 1RB Right	22.90	/	/	22.85	/	/	<=30	Pass
		Outer Full	23.34	/	/	23.29	/	/	<=30	Pass
		Inner Full	24.02	/	/	23.97	/	/	<=30	Pass
	3529.98	Inner 1RB Left	24.54	/	/	24.49	/	/	<=30	Pass
		Inner 1RB Right	24.37	/	/	24.32	/	/	<=30	Pass
		Edge 1RB Left	22.63	/	/	22.58	/	/	<=30	Pass
		Edge 1RB Right	22.45	/	/	22.40	/	/	<=30	Pass
		Outer Full	23.25	/	/	23.20	/	/	<=30	Pass
	3500.01	Inner Full	24.20	/	/	24.15	/	/	<=30	Pass
		Inner 1RB Left	24.27	/	/	24.22	/	/	<=30	Pass
		Inner 1RB Right	23.90	/	/	23.85	/	/	<=30	Pass

	3529.98	Edge_1RB_Left	22.43	/	/	22.38	/	/	<=30	Pass
		Edge_1RB_Right	21.81	/	/	21.76	/	/	<=30	Pass
		Outer_Full	22.88	/	/	22.83	/	/	<=30	Pass
		Inner_Full	24.02	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	23.39	/	/	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge_1RB_Left	23.24	/	/	23.19	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	22.84	/	/	<=30	Pass
		Outer_Full	22.86	/	/	22.81	/	/	<=30	Pass
		Inner_Full	22.57	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Right	22.98	/	/	22.93	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.88	/	/	22.83	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	22.53	/	/	<=30	Pass
		Outer_Full	22.81	/	/	22.76	/	/	<=30	Pass
		Inner_Full	22.71	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Left	22.83	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Right	22.62	/	/	22.57	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.51	/	/	22.46	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	22.00	/	/	<=30	Pass
		Outer_Full	22.49	/	/	22.44	/	/	<=30	Pass
		Inner_Full	22.61	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	22.58	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Right	22.02	/	/	21.97	/	/	<=30	Pass
CP-OFDM 256 QAM	3470.01	Edge_1RB_Left	20.32	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Right	19.96	/	/	19.91	/	/	<=30	Pass
		Outer_Full	19.83	/	/	19.78	/	/	<=30	Pass
		Inner_Full	19.64	/	/	19.59	/	/	<=30	Pass
		Inner_1RB_Left	20.21	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Right	19.96	/	/	19.91	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.83	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	19.63	/	/	19.58	/	/	<=30	Pass
		Outer_Full	19.69	/	/	19.64	/	/	<=30	Pass
		Inner_Full	19.73	/	/	19.68	/	/	<=30	Pass
		Inner_1RB_Left	20.01	/	/	19.96	/	/	<=30	Pass
		Inner_1RB_Right	19.65	/	/	19.60	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	19.65	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	19.07	/	/	19.02	/	/	<=30	Pass
		Outer_Full	19.39	/	/	19.34	/	/	<=30	Pass
		Inner_Full	19.68	/	/	19.63	/	/	<=30	Pass
		Inner_1RB_Left	19.63	/	/	19.58	/	/	<=30	Pass
		Inner_1RB_Right	19.11	/	/	19.06	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: -0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30_S_50M_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 50MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2	3475.02	Edge_1RB_Left	22.95	/	/	22.90	/	/	<=30	Pass

BPSK		Edge 1RB Right	22.41	/	/	22.36	/	/	<=30	Pass
		Outer Full	25.49	/	/	25.44	/	/	<=30	Pass
		Inner Full	25.88	/	/	25.83	/	/	<=30	Pass
		Inner 1RB Left	26.27	/	/	26.22	/	/	<=30	Pass
	3500.01	Inner 1RB Right	25.89	/	/	25.84	/	/	<=30	Pass
		Edge 1RB Left	22.33	/	/	22.28	/	/	<=30	Pass
		Edge 1RB Right	22.28	/	/	22.23	/	/	<=30	Pass
		Outer Full	25.47	/	/	25.42	/	/	<=30	Pass
	3525	Inner Full	26.03	/	/	25.98	/	/	<=30	Pass
		Inner 1RB Left	25.89	/	/	25.84	/	/	<=30	Pass
		Inner 1RB Right	25.89	/	/	25.84	/	/	<=30	Pass
		Edge 1RB Left	22.19	/	/	22.14	/	/	<=30	Pass
		Edge 1RB Right	21.70	/	/	21.65	/	/	<=30	Pass
		Outer Full	25.07	/	/	25.02	/	/	<=30	Pass
		Inner Full	25.78	/	/	25.73	/	/	<=30	Pass
		Inner 1RB Left	25.70	/	/	25.65	/	/	<=30	Pass
		Inner 1RB Right	25.25	/	/	25.20	/	/	<=30	Pass
DFT-s-OFDM QPSK	3475.02	Edge 1RB Left	22.87	/	/	22.82	/	/	<=30	Pass
		Edge 1RB Right	22.42	/	/	22.37	/	/	<=30	Pass
		Outer Full	25.00	/	/	24.95	/	/	<=30	Pass
		Inner Full	25.86	/	/	25.81	/	/	<=30	Pass
	3500.01	Inner 1RB Left	26.33	/	/	26.28	/	/	<=30	Pass
		Inner 1RB Right	25.82	/	/	25.77	/	/	<=30	Pass
		Edge 1RB Left	22.30	/	/	22.25	/	/	<=30	Pass
		Edge 1RB Right	22.43	/	/	22.38	/	/	<=30	Pass
	3525	Outer Full	24.99	/	/	24.94	/	/	<=30	Pass
		Inner Full	26.04	/	/	25.99	/	/	<=30	Pass
		Inner 1RB Left	25.79	/	/	25.74	/	/	<=30	Pass
		Inner 1RB Right	25.83	/	/	25.78	/	/	<=30	Pass
		Edge 1RB Left	22.22	/	/	22.17	/	/	<=30	Pass
		Edge 1RB Right	21.66	/	/	21.61	/	/	<=30	Pass
		Outer Full	24.66	/	/	24.61	/	/	<=30	Pass
		Inner Full	25.80	/	/	25.75	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Inner 1RB Left	25.69	/	/	25.64	/	/	<=30	Pass
		Inner 1RB Right	25.15	/	/	25.10	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.78	/	/	22.73	/	/	<=30	Pass
		Edge 1RB Right	22.43	/	/	22.38	/	/	<=30	Pass
		Outer Full	24.05	/	/	24.00	/	/	<=30	Pass
		Inner Full	24.77	/	/	24.72	/	/	<=30	Pass
	3525	Inner 1RB Left	25.14	/	/	25.09	/	/	<=30	Pass
		Inner 1RB Right	24.72	/	/	24.67	/	/	<=30	Pass
		Edge 1RB Left	22.32	/	/	22.27	/	/	<=30	Pass
		Edge 1RB Right	22.24	/	/	22.19	/	/	<=30	Pass
		Outer Full	24.02	/	/	23.97	/	/	<=30	Pass
		Inner Full	24.90	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Left	24.77	/	/	24.72	/	/	<=30	Pass
		Inner 1RB Right	24.81	/	/	24.76	/	/	<=30	Pass
		Edge 1RB Left	22.19	/	/	22.14	/	/	<=30	Pass
		Edge 1RB Right	21.75	/	/	21.70	/	/	<=30	Pass
		Outer Full	23.69	/	/	23.64	/	/	<=30	Pass
		Inner Full	24.85	/	/	24.80	/	/	<=30	Pass
		Inner 1RB Left	24.60	/	/	24.55	/	/	<=30	Pass
		Inner 1RB Right	24.04	/	/	23.99	/	/	<=30	Pass

DFT-s-OFDM 64 QAM	3475.02	Edge_1RB_Left	22.91	/	/	22.86	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	22.42	/	/	<=30	Pass
		Outer_Full	23.54	/	/	23.49	/	/	<=30	Pass
		Inner_Full	23.38	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Left	23.90	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	23.38	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.42	/	/	22.37	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	22.47	/	/	<=30	Pass
		Outer_Full	23.43	/	/	23.38	/	/	<=30	Pass
		Inner_Full	23.52	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	23.43	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.29	/	/	22.24	/	/	<=30	Pass
		Edge_1RB_Right	21.78	/	/	21.73	/	/	<=30	Pass
		Outer_Full	23.21	/	/	23.16	/	/	<=30	Pass
		Inner_Full	23.35	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Right	22.75	/	/	22.70	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.02	Edge_1RB_Left	21.81	/	/	21.76	/	/	<=30	Pass
		Edge_1RB_Right	21.37	/	/	21.32	/	/	<=30	Pass
		Outer_Full	21.50	/	/	21.45	/	/	<=30	Pass
		Inner_Full	21.32	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Left	21.86	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Right	21.36	/	/	21.31	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.30	/	/	21.25	/	/	<=30	Pass
		Edge_1RB_Right	21.47	/	/	21.42	/	/	<=30	Pass
		Outer_Full	21.36	/	/	21.31	/	/	<=30	Pass
		Inner_Full	21.51	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Left	21.37	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Right	21.34	/	/	21.29	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.32	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	20.69	/	/	20.64	/	/	<=30	Pass
		Outer_Full	21.13	/	/	21.08	/	/	<=30	Pass
		Inner_Full	21.32	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Left	21.26	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Right	20.64	/	/	20.59	/	/	<=30	Pass
CP-OFDM QPSK	3475.02	Edge_1RB_Left	22.94	/	/	22.89	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	22.43	/	/	<=30	Pass
		Outer_Full	23.06	/	/	23.01	/	/	<=30	Pass
		Inner_Full	24.38	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Left	24.94	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Right	24.44	/	/	24.39	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.39	/	/	22.34	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	22.43	/	/	<=30	Pass
		Outer_Full	23.06	/	/	23.01	/	/	<=30	Pass
		Inner_Full	24.42	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Left	24.43	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Right	24.43	/	/	24.38	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.32	/	/	22.27	/	/	<=30	Pass
		Edge_1RB_Right	21.85	/	/	21.80	/	/	<=30	Pass
		Outer_Full	22.68	/	/	22.63	/	/	<=30	Pass
		Inner_Full	24.30	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Left	24.30	/	/	24.25	/	/	<=30	Pass

		Inner 1RB Right	23.76	/	/	23.71	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.02	Edge 1RB Left	22.78	/	/	22.73	/	/	<=30	Pass
		Edge 1RB Right	22.36	/	/	22.31	/	/	<=30	Pass
		Outer Full	23.03	/	/	22.98	/	/	<=30	Pass
		Inner Full	23.91	/	/	23.86	/	/	<=30	Pass
		Inner 1RB Left	24.30	/	/	24.25	/	/	<=30	Pass
		Inner 1RB Right	23.77	/	/	23.72	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.34	/	/	22.29	/	/	<=30	Pass
		Edge 1RB Right	22.34	/	/	22.29	/	/	<=30	Pass
		Outer Full	22.99	/	/	22.94	/	/	<=30	Pass
		Inner Full	23.96	/	/	23.91	/	/	<=30	Pass
		Inner 1RB Left	23.72	/	/	23.67	/	/	<=30	Pass
		Inner 1RB Right	23.81	/	/	23.76	/	/	<=30	Pass
	3525	Edge 1RB Left	22.09	/	/	22.04	/	/	<=30	Pass
		Edge 1RB Right	21.73	/	/	21.68	/	/	<=30	Pass
		Outer Full	22.62	/	/	22.57	/	/	<=30	Pass
		Inner Full	23.78	/	/	23.73	/	/	<=30	Pass
		Inner 1RB Left	23.59	/	/	23.54	/	/	<=30	Pass
		Inner 1RB Right	23.16	/	/	23.11	/	/	<=30	Pass
CP-OFDM 64 QAM	3475.02	Edge 1RB Left	22.98	/	/	22.93	/	/	<=30	Pass
		Edge 1RB Right	22.48	/	/	22.43	/	/	<=30	Pass
		Outer Full	22.58	/	/	22.53	/	/	<=30	Pass
		Inner Full	22.40	/	/	22.35	/	/	<=30	Pass
		Inner 1RB Left	22.98	/	/	22.93	/	/	<=30	Pass
		Inner 1RB Right	22.60	/	/	22.55	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.33	/	/	22.28	/	/	<=30	Pass
		Edge 1RB Right	22.54	/	/	22.49	/	/	<=30	Pass
		Outer Full	22.46	/	/	22.41	/	/	<=30	Pass
		Inner Full	22.53	/	/	22.48	/	/	<=30	Pass
		Inner 1RB Left	22.57	/	/	22.52	/	/	<=30	Pass
		Inner 1RB Right	22.51	/	/	22.46	/	/	<=30	Pass
	3525	Edge 1RB Left	22.34	/	/	22.29	/	/	<=30	Pass
		Edge 1RB Right	21.79	/	/	21.74	/	/	<=30	Pass
		Outer Full	22.17	/	/	22.12	/	/	<=30	Pass
		Inner Full	22.38	/	/	22.33	/	/	<=30	Pass
		Inner 1RB Left	22.30	/	/	22.25	/	/	<=30	Pass
		Inner 1RB Right	21.83	/	/	21.78	/	/	<=30	Pass
CP-OFDM 256 QAM	3475.02	Edge 1RB Left	19.87	/	/	19.82	/	/	<=30	Pass
		Edge 1RB Right	19.38	/	/	19.33	/	/	<=30	Pass
		Outer Full	19.53	/	/	19.48	/	/	<=30	Pass
		Inner Full	19.33	/	/	19.28	/	/	<=30	Pass
		Inner 1RB Left	19.89	/	/	19.84	/	/	<=30	Pass
		Inner 1RB Right	19.36	/	/	19.31	/	/	<=30	Pass
	3500.01	Edge 1RB Left	19.41	/	/	19.36	/	/	<=30	Pass
		Edge 1RB Right	19.55	/	/	19.50	/	/	<=30	Pass
		Outer Full	19.47	/	/	19.42	/	/	<=30	Pass
		Inner Full	19.41	/	/	19.36	/	/	<=30	Pass
		Inner 1RB Left	19.47	/	/	19.42	/	/	<=30	Pass
		Inner 1RB Right	19.42	/	/	19.37	/	/	<=30	Pass
	3525	Edge 1RB Left	19.28	/	/	19.23	/	/	<=30	Pass
		Edge 1RB Right	18.80	/	/	18.75	/	/	<=30	Pass
		Outer Full	19.08	/	/	19.03	/	/	<=30	Pass
		Inner Full	19.37	/	/	19.32	/	/	<=30	Pass



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		Inner_1RB_Left	19.25	/	/	19.20	/	/	<=30	Pass
		Inner_1RB_Right	18.75	/	/	18.70	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: -0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30_S_60M_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3480	Edge_1RB_Left	22.93	/	/	22.88	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	22.09	/	/	<=30	Pass
		Outer_Full	25.54	/	/	25.49	/	/	<=30	Pass
		Inner_Full	25.96	/	/	25.91	/	/	<=30	Pass
		Inner_1RB_Left	26.40	/	/	26.35	/	/	<=30	Pass
		Inner_1RB_Right	25.62	/	/	25.57	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.16	/	/	22.11	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	22.10	/	/	<=30	Pass
		Outer_Full	25.42	/	/	25.37	/	/	<=30	Pass
		Inner_Full	26.03	/	/	25.98	/	/	<=30	Pass
		Inner_1RB_Left	25.76	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Right	25.93	/	/	25.88	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.62	/	/	22.57	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	21.66	/	/	<=30	Pass
		Outer_Full	25.22	/	/	25.17	/	/	<=30	Pass
		Inner_Full	25.90	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Left	26.11	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Right	25.18	/	/	25.13	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Edge_1RB_Left	22.93	/	/	22.88	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	22.03	/	/	<=30	Pass
		Outer_Full	24.96	/	/	24.91	/	/	<=30	Pass
		Inner_Full	25.90	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Left	26.36	/	/	26.31	/	/	<=30	Pass
		Inner_1RB_Right	25.54	/	/	25.49	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.23	/	/	22.18	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	22.06	/	/	<=30	Pass
		Outer_Full	24.92	/	/	24.87	/	/	<=30	Pass
		Inner_Full	26.01	/	/	25.96	/	/	<=30	Pass
		Inner_1RB_Left	25.65	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Right	25.78	/	/	25.73	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.70	/	/	22.65	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	21.65	/	/	<=30	Pass
		Outer_Full	24.76	/	/	24.71	/	/	<=30	Pass
		Inner_Full	25.81	/	/	25.76	/	/	<=30	Pass
		Inner_1RB_Left	26.10	/	/	26.05	/	/	<=30	Pass
		Inner_1RB_Right	25.05	/	/	25.00	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Edge_1RB_Left	22.92	/	/	22.87	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	22.08	/	/	<=30	Pass
		Outer_Full	23.94	/	/	23.89	/	/	<=30	Pass
		Inner_Full	25.03	/	/	24.98	/	/	<=30	Pass
		Inner_1RB_Left	25.24	/	/	25.19	/	/	<=30	Pass

	3500.01	Inner 1RB Right	24.45	/	/	24.40	/	/	<=30	Pass
		Edge 1RB Left	22.17	/	/	22.12	/	/	<=30	Pass
		Edge 1RB Right	22.18	/	/	22.13	/	/	<=30	Pass
		Outer Full	24.00	/	/	23.95	/	/	<=30	Pass
		Inner Full	24.98	/	/	24.93	/	/	<=30	Pass
		Inner 1RB Left	24.57	/	/	24.52	/	/	<=30	Pass
		Inner 1RB Right	24.65	/	/	24.60	/	/	<=30	Pass
	3519.99	Edge 1RB Left	22.67	/	/	22.62	/	/	<=30	Pass
		Edge 1RB Right	21.50	/	/	21.45	/	/	<=30	Pass
		Outer Full	23.82	/	/	23.77	/	/	<=30	Pass
		Inner Full	24.82	/	/	24.77	/	/	<=30	Pass
		Inner 1RB Left	25.05	/	/	25.00	/	/	<=30	Pass
		Inner 1RB Right	23.96	/	/	23.91	/	/	<=30	Pass
		Inner 1RB Right	23.96	/	/	23.91	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Edge 1RB Left	23.01	/	/	22.96	/	/	<=30	Pass
		Edge 1RB Right	22.15	/	/	22.10	/	/	<=30	Pass
		Outer Full	23.49	/	/	23.44	/	/	<=30	Pass
		Inner Full	23.47	/	/	23.42	/	/	<=30	Pass
		Inner 1RB Left	24.09	/	/	24.04	/	/	<=30	Pass
		Inner 1RB Right	23.14	/	/	23.09	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.26	/	/	22.21	/	/	<=30	Pass
		Edge 1RB Right	22.32	/	/	22.27	/	/	<=30	Pass
		Outer Full	23.43	/	/	23.38	/	/	<=30	Pass
		Inner Full	23.45	/	/	23.40	/	/	<=30	Pass
		Inner 1RB Left	23.23	/	/	23.18	/	/	<=30	Pass
		Inner 1RB Right	23.29	/	/	23.24	/	/	<=30	Pass
	3519.99	Edge 1RB Left	22.75	/	/	22.70	/	/	<=30	Pass
		Edge 1RB Right	21.67	/	/	21.62	/	/	<=30	Pass
		Outer Full	23.17	/	/	23.12	/	/	<=30	Pass
		Inner Full	23.34	/	/	23.29	/	/	<=30	Pass
		Inner 1RB Left	23.68	/	/	23.63	/	/	<=30	Pass
		Inner 1RB Right	22.64	/	/	22.59	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Edge 1RB Left	21.82	/	/	21.77	/	/	<=30	Pass
		Edge 1RB Right	21.12	/	/	21.07	/	/	<=30	Pass
		Outer Full	21.47	/	/	21.42	/	/	<=30	Pass
		Inner Full	21.56	/	/	21.51	/	/	<=30	Pass
		Inner 1RB Left	21.95	/	/	21.90	/	/	<=30	Pass
		Inner 1RB Right	21.03	/	/	20.98	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.20	/	/	21.15	/	/	<=30	Pass
		Edge 1RB Right	21.33	/	/	21.28	/	/	<=30	Pass
		Outer Full	21.51	/	/	21.46	/	/	<=30	Pass
		Inner Full	21.43	/	/	21.38	/	/	<=30	Pass
		Inner 1RB Left	21.11	/	/	21.06	/	/	<=30	Pass
		Inner 1RB Right	21.28	/	/	21.23	/	/	<=30	Pass
	3519.99	Edge 1RB Left	21.60	/	/	21.55	/	/	<=30	Pass
		Edge 1RB Right	20.63	/	/	20.58	/	/	<=30	Pass
		Outer Full	21.23	/	/	21.18	/	/	<=30	Pass
		Inner Full	21.28	/	/	21.23	/	/	<=30	Pass
		Inner 1RB Left	21.59	/	/	21.54	/	/	<=30	Pass
		Inner 1RB Right	20.56	/	/	20.51	/	/	<=30	Pass
CP-OFDM QPSK	3480	Edge 1RB Left	23.20	/	/	23.15	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	22.06	/	/	<=30	Pass
		Outer Full	22.95	/	/	22.90	/	/	<=30	Pass
		Inner Full	24.46	/	/	24.41	/	/	<=30	Pass

		Inner_1RB_Left	25.08	/	/	25.03	/	/	<=30	Pass
		Inner_1RB_Right	24.11	/	/	24.06	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.36	/	/	22.31	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	22.27	/	/	<=30	Pass
		Outer_Full	23.00	/	/	22.95	/	/	<=30	Pass
		Inner_Full	24.52	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Left	24.28	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Right	24.29	/	/	24.24	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.71	/	/	22.66	/	/	<=30	Pass
		Edge_1RB_Right	21.88	/	/	21.83	/	/	<=30	Pass
		Outer_Full	22.78	/	/	22.73	/	/	<=30	Pass
		Inner_Full	24.29	/	/	24.24	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	23.67	/	/	<=30	Pass
CP-OFDM 16 QAM	3480	Edge_1RB_Left	23.05	/	/	23.00	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	22.00	/	/	<=30	Pass
		Outer_Full	23.03	/	/	22.98	/	/	<=30	Pass
		Inner_Full	23.97	/	/	23.92	/	/	<=30	Pass
		Inner_1RB_Left	24.36	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	23.48	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.18	/	/	22.13	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	22.27	/	/	<=30	Pass
		Outer_Full	23.06	/	/	23.01	/	/	<=30	Pass
		Inner_Full	23.88	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Left	23.63	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	23.69	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.50	/	/	22.45	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	21.47	/	/	<=30	Pass
		Outer_Full	22.77	/	/	22.72	/	/	<=30	Pass
		Inner_Full	23.86	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Left	24.13	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Right	23.18	/	/	23.13	/	/	<=30	Pass
CP-OFDM 64 QAM	3480	Edge_1RB_Left	23.12	/	/	23.07	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	22.16	/	/	<=30	Pass
		Outer_Full	22.60	/	/	22.55	/	/	<=30	Pass
		Inner_Full	22.51	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Left	23.15	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Right	22.13	/	/	22.08	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.24	/	/	22.19	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	22.33	/	/	<=30	Pass
		Outer_Full	22.48	/	/	22.43	/	/	<=30	Pass
		Inner_Full	22.51	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Left	22.27	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Right	22.40	/	/	22.35	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.65	/	/	22.60	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	21.85	/	/	<=30	Pass
		Outer_Full	22.27	/	/	22.22	/	/	<=30	Pass
		Inner_Full	22.35	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Left	22.87	/	/	22.82	/	/	<=30	Pass
		Inner_1RB_Right	21.70	/	/	21.65	/	/	<=30	Pass
CP-OFDM 256 QAM	3480	Edge_1RB_Left	20.04	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	19.15	/	/	19.10	/	/	<=30	Pass
		Outer_Full	19.68	/	/	19.63	/	/	<=30	Pass

		Inner_Full	19.52	/	/	19.47	/	/	<=30	Pass
		Inner_1RB_Left	20.01	/	/	19.96	/	/	<=30	Pass
		Inner_1RB_Right	19.18	/	/	19.13	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.25	/	/	19.20	/	/	<=30	Pass
		Edge_1RB_Right	19.29	/	/	19.24	/	/	<=30	Pass
		Outer_Full	19.58	/	/	19.53	/	/	<=30	Pass
		Inner_Full	19.50	/	/	19.45	/	/	<=30	Pass
		Inner_1RB_Left	19.30	/	/	19.25	/	/	<=30	Pass
		Inner_1RB_Right	19.43	/	/	19.38	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	19.62	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	18.77	/	/	18.72	/	/	<=30	Pass
		Outer_Full	19.36	/	/	19.31	/	/	<=30	Pass
		Inner_Full	19.32	/	/	19.27	/	/	<=30	Pass
		Inner_1RB_Left	19.58	/	/	19.53	/	/	<=30	Pass
		Inner_1RB_Right	18.71	/	/	18.66	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: -0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30_S_70M_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3485.01	Edge 1RB Left	22.93	/	/	22.88	/	/	<=30	Pass
		Edge 1RB Right	22.38	/	/	22.33	/	/	<=30	Pass
		Outer Full	25.48	/	/	25.43	/	/	<=30	Pass
		Inner Full	25.89	/	/	25.84	/	/	<=30	Pass
		Inner 1RB Left	26.34	/	/	26.29	/	/	<=30	Pass
		Inner 1RB Right	25.81	/	/	25.76	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.27	/	/	22.22	/	/	<=30	Pass
		Edge 1RB Right	22.09	/	/	22.04	/	/	<=30	Pass
		Outer Full	25.43	/	/	25.38	/	/	<=30	Pass
		Inner Full	25.97	/	/	25.92	/	/	<=30	Pass
		Inner 1RB Left	25.77	/	/	25.72	/	/	<=30	Pass
		Inner 1RB Right	25.58	/	/	25.53	/	/	<=30	Pass
	3514.98	Edge 1RB Left	22.67	/	/	22.62	/	/	<=30	Pass
		Edge 1RB Right	21.53	/	/	21.48	/	/	<=30	Pass
		Outer Full	25.44	/	/	25.39	/	/	<=30	Pass
		Inner Full	25.89	/	/	25.84	/	/	<=30	Pass
		Inner 1RB Left	26.22	/	/	26.17	/	/	<=30	Pass
		Inner 1RB Right	25.17	/	/	25.12	/	/	<=30	Pass
DFT-s-OFDM QPSK	3485.01	Edge 1RB Left	22.78	/	/	22.73	/	/	<=30	Pass
		Edge 1RB Right	22.35	/	/	22.30	/	/	<=30	Pass
		Outer Full	24.99	/	/	24.94	/	/	<=30	Pass
		Inner Full	25.93	/	/	25.88	/	/	<=30	Pass
		Inner 1RB Left	26.34	/	/	26.29	/	/	<=30	Pass
		Inner 1RB Right	25.78	/	/	25.73	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.32	/	/	22.27	/	/	<=30	Pass
		Edge 1RB Right	22.09	/	/	22.04	/	/	<=30	Pass
		Outer Full	24.85	/	/	24.80	/	/	<=30	Pass
		Inner Full	25.93	/	/	25.88	/	/	<=30	Pass

	3514.98	Inner_1RB_Left	25.77	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Right	25.66	/	/	25.61	/	/	<=30	Pass
		Edge_1RB_Left	22.64	/	/	22.59	/	/	<=30	Pass
		Edge_1RB_Right	21.56	/	/	21.51	/	/	<=30	Pass
		Outer_Full	24.88	/	/	24.83	/	/	<=30	Pass
		Inner_Full	25.86	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Left	26.19	/	/	26.14	/	/	<=30	Pass
		Inner_1RB_Right	25.11	/	/	25.06	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Edge_1RB_Left	22.77	/	/	22.72	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	22.19	/	/	<=30	Pass
		Outer_Full	23.91	/	/	23.86	/	/	<=30	Pass
		Inner_Full	24.95	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Left	25.24	/	/	25.19	/	/	<=30	Pass
		Inner_1RB_Right	24.86	/	/	24.81	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.20	/	/	22.15	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	21.88	/	/	<=30	Pass
		Outer_Full	23.96	/	/	23.91	/	/	<=30	Pass
		Inner_Full	24.98	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Left	24.65	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Right	24.52	/	/	24.47	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.57	/	/	22.52	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	21.54	/	/	<=30	Pass
		Outer_Full	23.85	/	/	23.80	/	/	<=30	Pass
		Inner_Full	24.89	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Left	25.01	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	23.89	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Edge_1RB_Left	22.91	/	/	22.86	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	22.38	/	/	<=30	Pass
		Outer_Full	23.45	/	/	23.40	/	/	<=30	Pass
		Inner_Full	23.56	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	23.28	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.34	/	/	22.29	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	22.09	/	/	<=30	Pass
		Outer_Full	23.40	/	/	23.35	/	/	<=30	Pass
		Inner_Full	23.43	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	23.20	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.75	/	/	22.70	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	21.62	/	/	<=30	Pass
		Outer_Full	23.36	/	/	23.31	/	/	<=30	Pass
		Inner_Full	23.43	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Right	22.75	/	/	22.70	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Edge_1RB_Left	21.81	/	/	21.76	/	/	<=30	Pass
		Edge_1RB_Right	21.18	/	/	21.13	/	/	<=30	Pass
		Outer_Full	21.45	/	/	21.40	/	/	<=30	Pass
		Inner_Full	21.34	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Left	21.82	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Right	21.35	/	/	21.30	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.18	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	21.12	/	/	21.07	/	/	<=30	Pass
		Outer_Full	21.48	/	/	21.43	/	/	<=30	Pass

		Inner Full	21.43	/	/	21.38	/	/	<=30	Pass
		Inner 1RB Left	21.24	/	/	21.19	/	/	<=30	Pass
		Inner 1RB Right	21.18	/	/	21.13	/	/	<=30	Pass
	3514.98	Edge 1RB Left	21.68	/	/	21.63	/	/	<=30	Pass
		Edge 1RB Right	20.53	/	/	20.48	/	/	<=30	Pass
		Outer Full	21.42	/	/	21.37	/	/	<=30	Pass
		Inner Full	21.40	/	/	21.35	/	/	<=30	Pass
		Inner 1RB Left	21.68	/	/	21.63	/	/	<=30	Pass
		Inner 1RB Right	20.54	/	/	20.49	/	/	<=30	Pass
CP-OFDM QPSK	3485.01	Edge 1RB Left	22.96	/	/	22.91	/	/	<=30	Pass
		Edge 1RB Right	22.43	/	/	22.38	/	/	<=30	Pass
		Outer Full	22.94	/	/	22.89	/	/	<=30	Pass
		Inner Full	24.38	/	/	24.33	/	/	<=30	Pass
		Inner 1RB Left	24.94	/	/	24.89	/	/	<=30	Pass
		Inner 1RB Right	24.48	/	/	24.43	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.30	/	/	22.25	/	/	<=30	Pass
		Edge 1RB Right	22.17	/	/	22.12	/	/	<=30	Pass
		Outer Full	22.81	/	/	22.76	/	/	<=30	Pass
		Inner Full	24.44	/	/	24.39	/	/	<=30	Pass
		Inner 1RB Left	24.40	/	/	24.35	/	/	<=30	Pass
		Inner 1RB Right	24.29	/	/	24.24	/	/	<=30	Pass
	3514.98	Edge 1RB Left	22.65	/	/	22.60	/	/	<=30	Pass
		Edge 1RB Right	21.62	/	/	21.57	/	/	<=30	Pass
		Outer Full	22.87	/	/	22.82	/	/	<=30	Pass
		Inner Full	24.47	/	/	24.42	/	/	<=30	Pass
		Inner 1RB Left	24.81	/	/	24.76	/	/	<=30	Pass
		Inner 1RB Right	23.69	/	/	23.64	/	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Edge 1RB Left	22.64	/	/	22.59	/	/	<=30	Pass
		Edge 1RB Right	22.24	/	/	22.19	/	/	<=30	Pass
		Outer Full	22.88	/	/	22.83	/	/	<=30	Pass
		Inner Full	23.88	/	/	23.83	/	/	<=30	Pass
		Inner 1RB Left	24.31	/	/	24.26	/	/	<=30	Pass
		Inner 1RB Right	23.70	/	/	23.65	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.12	/	/	22.07	/	/	<=30	Pass
		Edge 1RB Right	21.97	/	/	21.92	/	/	<=30	Pass
		Outer Full	22.91	/	/	22.86	/	/	<=30	Pass
		Inner Full	23.93	/	/	23.88	/	/	<=30	Pass
		Inner 1RB Left	23.65	/	/	23.60	/	/	<=30	Pass
		Inner 1RB Right	23.63	/	/	23.58	/	/	<=30	Pass
	3514.98	Edge 1RB Left	22.69	/	/	22.64	/	/	<=30	Pass
		Edge 1RB Right	21.65	/	/	21.60	/	/	<=30	Pass
		Outer Full	22.87	/	/	22.82	/	/	<=30	Pass
		Inner Full	23.98	/	/	23.93	/	/	<=30	Pass
		Inner 1RB Left	24.03	/	/	23.98	/	/	<=30	Pass
		Inner 1RB Right	22.99	/	/	22.94	/	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge 1RB Left	22.91	/	/	22.86	/	/	<=30	Pass
		Edge 1RB Right	22.31	/	/	22.26	/	/	<=30	Pass
		Outer Full	22.46	/	/	22.41	/	/	<=30	Pass
		Inner Full	22.40	/	/	22.35	/	/	<=30	Pass
		Inner 1RB Left	22.91	/	/	22.86	/	/	<=30	Pass
		Inner 1RB Right	22.36	/	/	22.31	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.25	/	/	22.20	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	22.06	/	/	<=30	Pass

		Outer_Full	22.43	/	/	22.38	/	/	<=30	Pass
		Inner_Full	22.48	/	/	22.43	/	/	<=30	Pass
CP-OFDM 256 QAM	3514.98	Inner_1RB_Left	22.34	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Right	22.28	/	/	22.23	/	/	<=30	Pass
		Edge_1RB_Left	22.68	/	/	22.63	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	21.67	/	/	<=30	Pass
		Outer_Full	22.45	/	/	22.40	/	/	<=30	Pass
		Inner_Full	22.44	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Left	22.76	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	21.69	/	/	21.64	/	/	<=30	Pass
	3485.01	Edge_1RB_Left	19.92	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	19.44	/	/	19.39	/	/	<=30	Pass
		Outer_Full	19.38	/	/	19.33	/	/	<=30	Pass
		Inner_Full	19.47	/	/	19.42	/	/	<=30	Pass
		Inner_1RB_Left	19.97	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Right	19.41	/	/	19.36	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.43	/	/	19.38	/	/	<=30	Pass
		Edge_1RB_Right	19.04	/	/	18.99	/	/	<=30	Pass
		Outer_Full	19.42	/	/	19.37	/	/	<=30	Pass
		Inner_Full	19.37	/	/	19.32	/	/	<=30	Pass
		Inner_1RB_Left	19.39	/	/	19.34	/	/	<=30	Pass
		Inner_1RB_Right	19.18	/	/	19.13	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	19.72	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	18.59	/	/	18.54	/	/	<=30	Pass
		Outer_Full	19.38	/	/	19.33	/	/	<=30	Pass
		Inner_Full	19.51	/	/	19.46	/	/	<=30	Pass
		Inner_1RB_Left	19.71	/	/	19.66	/	/	<=30	Pass
		Inner_1RB_Right	18.69	/	/	18.64	/	/	<=30	Pass

Note1: Antenna Gain: Ant6: -0.05dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.7 30_S_80M_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3490.02	Edge_1RB_Left	22.95	/	/	22.90	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	22.30	/	/	<=30	Pass
		Outer_Full	25.43	/	/	25.38	/	/	<=30	Pass
		Inner_Full	25.91	/	/	25.86	/	/	<=30	Pass
		Inner_1RB_Left	26.44	/	/	26.39	/	/	<=30	Pass
		Inner_1RB_Right	25.89	/	/	25.84	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.38	/	/	22.33	/	/	<=30	Pass
		Edge_1RB_Right	21.78	/	/	21.73	/	/	<=30	Pass
		Outer_Full	25.30	/	/	25.25	/	/	<=30	Pass
		Inner_Full	25.89	/	/	25.84	/	/	<=30	Pass
		Inner_1RB_Left	25.92	/	/	25.87	/	/	<=30	Pass
		Inner_1RB_Right	25.41	/	/	25.36	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.10	/	/	22.05	/	/	<=30	Pass
		Edge_1RB_Right	21.61	/	/	21.56	/	/	<=30	Pass
		Outer_Full	25.44	/	/	25.39	/	/	<=30	Pass

		Inner Full	25.90	/	/	25.85	/	/	<=30	Pass
		Inner 1RB Left	25.61	/	/	25.56	/	/	<=30	Pass
		Inner 1RB Right	25.15	/	/	25.10	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Edge 1RB Left	22.88	/	/	22.83	/	/	<=30	Pass
		Edge 1RB Right	22.35	/	/	22.30	/	/	<=30	Pass
		Outer Full	24.96	/	/	24.91	/	/	<=30	Pass
		Inner Full	25.99	/	/	25.94	/	/	<=30	Pass
		Inner 1RB Left	26.37	/	/	26.32	/	/	<=30	Pass
		Inner 1RB Right	25.83	/	/	25.78	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.28	/	/	22.23	/	/	<=30	Pass
		Edge 1RB Right	21.80	/	/	21.75	/	/	<=30	Pass
		Outer Full	24.82	/	/	24.77	/	/	<=30	Pass
		Inner Full	25.91	/	/	25.86	/	/	<=30	Pass
		Inner 1RB Left	25.88	/	/	25.83	/	/	<=30	Pass
		Inner 1RB Right	25.42	/	/	25.37	/	/	<=30	Pass
	3510	Edge 1RB Left	22.15	/	/	22.10	/	/	<=30	Pass
		Edge 1RB Right	21.73	/	/	21.68	/	/	<=30	Pass
		Outer Full	24.80	/	/	24.75	/	/	<=30	Pass
		Inner Full	25.99	/	/	25.94	/	/	<=30	Pass
		Inner 1RB Left	25.63	/	/	25.58	/	/	<=30	Pass
		Inner 1RB Right	25.15	/	/	25.10	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Edge 1RB Left	22.66	/	/	22.61	/	/	<=30	Pass
		Edge 1RB Right	22.24	/	/	22.19	/	/	<=30	Pass
		Outer Full	23.96	/	/	23.91	/	/	<=30	Pass
		Inner Full	24.98	/	/	24.93	/	/	<=30	Pass
		Inner 1RB Left	25.32	/	/	25.27	/	/	<=30	Pass
		Inner 1RB Right	24.72	/	/	24.67	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.22	/	/	22.17	/	/	<=30	Pass
		Edge 1RB Right	21.77	/	/	21.72	/	/	<=30	Pass
		Outer Full	23.94	/	/	23.89	/	/	<=30	Pass
		Inner Full	24.83	/	/	24.78	/	/	<=30	Pass
		Inner 1RB Left	24.74	/	/	24.69	/	/	<=30	Pass
		Inner 1RB Right	24.20	/	/	24.15	/	/	<=30	Pass
	3510	Edge 1RB Left	22.01	/	/	21.96	/	/	<=30	Pass
		Edge 1RB Right	21.56	/	/	21.51	/	/	<=30	Pass
		Outer Full	23.88	/	/	23.83	/	/	<=30	Pass
		Inner Full	24.84	/	/	24.79	/	/	<=30	Pass
		Inner 1RB Left	24.54	/	/	24.49	/	/	<=30	Pass
		Inner 1RB Right	23.98	/	/	23.93	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Edge 1RB Left	22.91	/	/	22.86	/	/	<=30	Pass
		Edge 1RB Right	22.41	/	/	22.36	/	/	<=30	Pass
		Outer Full	23.42	/	/	23.37	/	/	<=30	Pass
		Inner Full	23.50	/	/	23.45	/	/	<=30	Pass
		Inner 1RB Left	24.00	/	/	23.95	/	/	<=30	Pass
		Inner 1RB Right	23.45	/	/	23.40	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.40	/	/	22.35	/	/	<=30	Pass
		Edge 1RB Right	21.80	/	/	21.75	/	/	<=30	Pass
		Outer Full	23.36	/	/	23.31	/	/	<=30	Pass
		Inner Full	23.46	/	/	23.41	/	/	<=30	Pass
		Inner 1RB Left	23.40	/	/	23.35	/	/	<=30	Pass
		Inner 1RB Right	22.85	/	/	22.80	/	/	<=30	Pass
	3510	Edge 1RB Left	22.16	/	/	22.11	/	/	<=30	Pass
		Edge 1RB Right	21.69	/	/	21.64	/	/	<=30	Pass

DFT-s-OFDM 256 QAM	3490.02	Outer_Full	23.37	/	/	23.32	/	/	<=30	Pass
		Inner_Full	23.42	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Left	23.08	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Right	22.69	/	/	22.64	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.86	/	/	21.81	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	21.29	/	/	<=30	Pass
		Outer_Full	21.53	/	/	21.48	/	/	<=30	Pass
		Inner_Full	21.51	/	/	21.46	/	/	<=30	Pass
	3510	Inner_1RB_Left	21.96	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Right	21.28	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Left	21.36	/	/	21.31	/	/	<=30	Pass
		Edge_1RB_Right	20.91	/	/	20.86	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Outer_Full	21.34	/	/	21.29	/	/	<=30	Pass
		Inner_Full	21.50	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Left	21.45	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Right	20.80	/	/	20.75	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.13	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	20.73	/	/	20.68	/	/	<=30	Pass
		Outer_Full	21.46	/	/	21.41	/	/	<=30	Pass
		Inner_Full	21.44	/	/	21.39	/	/	<=30	Pass
	3510	Inner_1RB_Left	21.17	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Right	20.63	/	/	20.58	/	/	<=30	Pass
		Edge_1RB_Left	23.00	/	/	22.95	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	22.35	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Outer_Full	23.01	/	/	22.96	/	/	<=30	Pass
		Inner_Full	24.53	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Left	25.06	/	/	25.01	/	/	<=30	Pass
		Inner_1RB_Right	24.42	/	/	24.37	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.52	/	/	22.47	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	21.95	/	/	<=30	Pass
		Outer_Full	22.94	/	/	22.89	/	/	<=30	Pass
		Inner_Full	24.46	/	/	24.41	/	/	<=30	Pass
	3510	Inner_1RB_Left	24.51	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	23.93	/	/	<=30	Pass
		Edge_1RB_Left	22.19	/	/	22.14	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	21.63	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Outer_Full	22.90	/	/	22.85	/	/	<=30	Pass
		Inner_Full	23.02	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Left	23.96	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Right	24.30	/	/	24.25	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.73	/	/	23.68	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	22.29	/	/	<=30	Pass
		Outer_Full	21.78	/	/	21.73	/	/	<=30	Pass
		Inner_Full	22.90	/	/	22.85	/	/	<=30	Pass
	3510	Inner_1RB_Left	23.98	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	23.72	/	/	<=30	Pass
		Edge_1RB_Left	23.32	/	/	23.27	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	22.04	/	/	<=30	Pass

		Edge_1RB_Right	21.51	/	/	21.46	/	/	<=30	Pass	
		Outer_Full	22.84	/	/	22.79	/	/	<=30	Pass	
		Inner_Full	23.93	/	/	23.88	/	/	<=30	Pass	
		Inner_1RB_Left	23.59	/	/	23.54	/	/	<=30	Pass	
		Inner_1RB_Right	23.04	/	/	22.99	/	/	<=30	Pass	
CP-OFDM 64 QAM	3490.02	Edge_1RB_Left	23.03	/	/	22.98	/	/	<=30	Pass	
		Edge_1RB_Right	22.50	/	/	22.45	/	/	<=30	Pass	
		Outer_Full	22.55	/	/	22.50	/	/	<=30	Pass	
		Inner_Full	22.36	/	/	22.31	/	/	<=30	Pass	
		Inner_1RB_Left	23.00	/	/	22.95	/	/	<=30	Pass	
		Inner_1RB_Right	22.45	/	/	22.40	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	22.51	/	/	22.46	/	/	<=30	Pass	
		Edge_1RB_Right	21.92	/	/	21.87	/	/	<=30	Pass	
		Outer_Full	22.44	/	/	22.39	/	/	<=30	Pass	
		Inner_Full	22.36	/	/	22.31	/	/	<=30	Pass	
		Inner_1RB_Left	22.49	/	/	22.44	/	/	<=30	Pass	
		Inner_1RB_Right	21.89	/	/	21.84	/	/	<=30	Pass	
	3510	Edge_1RB_Left	22.22	/	/	22.17	/	/	<=30	Pass	
		Edge_1RB_Right	21.70	/	/	21.65	/	/	<=30	Pass	
		Outer_Full	22.40	/	/	22.35	/	/	<=30	Pass	
		Inner_Full	22.37	/	/	22.32	/	/	<=30	Pass	
		Inner_1RB_Left	22.17	/	/	22.12	/	/	<=30	Pass	
		Inner_1RB_Right	21.64	/	/	21.59	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	19.96	/	/	19.91	/	/	<=30	Pass
			Edge_1RB_Right	19.37	/	/	19.32	/	/	<=30	Pass
			Outer_Full	19.48	/	/	19.43	/	/	<=30	Pass
			Inner_Full	19.61	/	/	19.56	/	/	<=30	Pass
Inner_1RB_Left			20.05	/	/	20.00	/	/	<=30	Pass	
Inner_1RB_Right			19.45	/	/	19.40	/	/	<=30	Pass	
3500.01		Edge_1RB_Left	19.51	/	/	19.46	/	/	<=30	Pass	
		Edge_1RB_Right	18.80	/	/	18.75	/	/	<=30	Pass	
		Outer_Full	19.49	/	/	19.44	/	/	<=30	Pass	
		Inner_Full	19.46	/	/	19.41	/	/	<=30	Pass	
		Inner_1RB_Left	19.45	/	/	19.40	/	/	<=30	Pass	
		Inner_1RB_Right	18.97	/	/	18.92	/	/	<=30	Pass	
3510		Edge_1RB_Left	19.17	/	/	19.12	/	/	<=30	Pass	
		Edge_1RB_Right	18.75	/	/	18.70	/	/	<=30	Pass	
		Outer_Full	19.39	/	/	19.34	/	/	<=30	Pass	
		Inner_Full	19.41	/	/	19.36	/	/	<=30	Pass	
		Inner_1RB_Left	19.20	/	/	19.15	/	/	<=30	Pass	
		Inner_1RB_Right	18.66	/	/	18.61	/	/	<=30	Pass	
Note1: Antenna Gain: Ant6: -0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.8 30_S_90M_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 90MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3495	Edge 1RB Left	22.85	/	/	22.80	/	/	<=30	Pass
		Edge 1RB Right	22.01	/	/	21.96	/	/	<=30	Pass

		Outer_Full	25.43	/	/	25.38	/	/	<=30	Pass
		Inner_Full	25.90	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Left	26.34	/	/	26.29	/	/	<=30	Pass
		Inner_1RB_Right	25.53	/	/	25.48	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.74	/	/	22.69	/	/	<=30	Pass
		Edge_1RB_Right	21.75	/	/	21.70	/	/	<=30	Pass
		Outer_Full	25.31	/	/	25.26	/	/	<=30	Pass
		Inner_Full	25.96	/	/	25.91	/	/	<=30	Pass
	3504.99	Inner_1RB_Left	26.27	/	/	26.22	/	/	<=30	Pass
		Inner_1RB_Right	25.30	/	/	25.25	/	/	<=30	Pass
		Edge_1RB_Left	22.48	/	/	22.43	/	/	<=30	Pass
		Edge_1RB_Right	21.62	/	/	21.57	/	/	<=30	Pass
DFT-s-OFDM QPSK	3495	Outer_Full	25.39	/	/	25.34	/	/	<=30	Pass
		Inner_Full	26.07	/	/	26.02	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	25.91	/	/	<=30	Pass
		Inner_1RB_Right	25.05	/	/	25.00	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.89	/	/	22.84	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	22.00	/	/	<=30	Pass
		Outer_Full	24.92	/	/	24.87	/	/	<=30	Pass
		Inner_Full	25.97	/	/	25.92	/	/	<=30	Pass
	3504.99	Inner_1RB_Left	26.34	/	/	26.29	/	/	<=30	Pass
		Inner_1RB_Right	25.51	/	/	25.46	/	/	<=30	Pass
		Edge_1RB_Left	22.73	/	/	22.68	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	21.66	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Outer_Full	24.88	/	/	24.83	/	/	<=30	Pass
		Inner_Full	25.90	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Left	26.24	/	/	26.19	/	/	<=30	Pass
		Inner_1RB_Right	25.26	/	/	25.21	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.44	/	/	22.39	/	/	<=30	Pass
		Edge_1RB_Right	21.61	/	/	21.56	/	/	<=30	Pass
		Outer_Full	24.89	/	/	24.84	/	/	<=30	Pass
		Inner_Full	26.05	/	/	26.00	/	/	<=30	Pass
	3504.99	Inner_1RB_Left	25.95	/	/	25.90	/	/	<=30	Pass
		Inner_1RB_Right	25.09	/	/	25.04	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge_1RB_Left	22.71	/	/	22.66	/	/	<=30	Pass
		Edge_1RB_Right	21.82	/	/	21.77	/	/	<=30	Pass
		Outer_Full	23.96	/	/	23.91	/	/	<=30	Pass
		Inner_Full	24.97	/	/	24.92	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	25.27	/	/	25.22	/	/	<=30	Pass
		Inner_1RB_Right	24.47	/	/	24.42	/	/	<=30	Pass
		Edge_1RB_Left	22.49	/	/	22.44	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	21.63	/	/	<=30	Pass
	3504.99	Outer_Full	23.87	/	/	23.82	/	/	<=30	Pass
		Inner_Full	25.01	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Left	25.15	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	24.21	/	/	24.16	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge_1RB_Left	22.43	/	/	22.38	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	21.47	/	/	<=30	Pass
		Outer_Full	23.86	/	/	23.81	/	/	<=30	Pass
		Inner_Full	25.12	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Left	24.98	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Right	24.00	/	/	23.95	/	/	<=30	Pass
		Edge_1RB_Left	22.89	/	/	22.84	/	/	<=30	Pass

		Edge 1RB Right	22.04	/	/	21.99	/	/	<=30	Pass
		Outer Full	23.47	/	/	23.42	/	/	<=30	Pass
		Inner Full	23.49	/	/	23.44	/	/	<=30	Pass
		Inner 1RB Left	23.86	/	/	23.81	/	/	<=30	Pass
	3500.01	Inner 1RB Right	23.13	/	/	23.08	/	/	<=30	Pass
		Edge 1RB Left	22.59	/	/	22.54	/	/	<=30	Pass
		Edge 1RB Right	21.92	/	/	21.87	/	/	<=30	Pass
		Outer Full	23.36	/	/	23.31	/	/	<=30	Pass
	3504.99	Inner Full	23.44	/	/	23.39	/	/	<=30	Pass
		Inner 1RB Left	23.75	/	/	23.70	/	/	<=30	Pass
		Inner 1RB Right	22.77	/	/	22.72	/	/	<=30	Pass
		Edge 1RB Left	22.51	/	/	22.46	/	/	<=30	Pass
		Edge 1RB Right	21.63	/	/	21.58	/	/	<=30	Pass
		Outer Full	23.44	/	/	23.39	/	/	<=30	Pass
		Inner Full	23.63	/	/	23.58	/	/	<=30	Pass
		Inner 1RB Left	23.50	/	/	23.45	/	/	<=30	Pass
		Inner 1RB Right	22.58	/	/	22.53	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Edge 1RB Left	21.83	/	/	21.78	/	/	<=30	Pass
		Edge 1RB Right	20.99	/	/	20.94	/	/	<=30	Pass
		Outer Full	21.47	/	/	21.42	/	/	<=30	Pass
		Inner Full	21.45	/	/	21.40	/	/	<=30	Pass
	3500.01	Inner 1RB Left	21.91	/	/	21.86	/	/	<=30	Pass
		Inner 1RB Right	21.07	/	/	21.02	/	/	<=30	Pass
		Edge 1RB Left	21.76	/	/	21.71	/	/	<=30	Pass
		Edge 1RB Right	20.77	/	/	20.72	/	/	<=30	Pass
	3504.99	Outer Full	21.32	/	/	21.27	/	/	<=30	Pass
		Inner Full	21.47	/	/	21.42	/	/	<=30	Pass
		Inner 1RB Left	21.59	/	/	21.54	/	/	<=30	Pass
		Inner 1RB Right	20.68	/	/	20.63	/	/	<=30	Pass
		Edge 1RB Left	21.55	/	/	21.50	/	/	<=30	Pass
		Edge 1RB Right	20.60	/	/	20.55	/	/	<=30	Pass
		Outer Full	21.38	/	/	21.33	/	/	<=30	Pass
		Inner Full	21.59	/	/	21.54	/	/	<=30	Pass
CP-OFDM QPSK	3495	Inner 1RB Left	21.55	/	/	21.50	/	/	<=30	Pass
		Inner 1RB Right	20.65	/	/	20.60	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.97	/	/	22.92	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	22.06	/	/	<=30	Pass
		Outer Full	22.91	/	/	22.86	/	/	<=30	Pass
		Inner Full	24.42	/	/	24.37	/	/	<=30	Pass
	3504.99	Inner 1RB Left	25.01	/	/	24.96	/	/	<=30	Pass
		Inner 1RB Right	24.11	/	/	24.06	/	/	<=30	Pass
		Edge 1RB Left	22.91	/	/	22.86	/	/	<=30	Pass
		Edge 1RB Right	21.96	/	/	21.91	/	/	<=30	Pass
		Outer Full	22.85	/	/	22.80	/	/	<=30	Pass
		Inner Full	24.48	/	/	24.43	/	/	<=30	Pass
		Inner 1RB Left	24.80	/	/	24.75	/	/	<=30	Pass
		Inner 1RB Right	23.81	/	/	23.76	/	/	<=30	Pass
		Edge 1RB Left	22.60	/	/	22.55	/	/	<=30	Pass
		Edge 1RB Right	21.73	/	/	21.68	/	/	<=30	Pass
		Outer Full	22.83	/	/	22.78	/	/	<=30	Pass
		Inner Full	24.53	/	/	24.48	/	/	<=30	Pass
		Inner 1RB Left	24.57	/	/	24.52	/	/	<=30	Pass
		Inner 1RB Right	23.66	/	/	23.61	/	/	<=30	Pass

CP-OFDM 16 QAM	3495	Edge_1RB_Left	22.77	/	/	22.72	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	21.91	/	/	<=30	Pass
		Outer_Full	22.97	/	/	22.92	/	/	<=30	Pass
		Inner_Full	24.00	/	/	23.95	/	/	<=30	Pass
		Inner_1RB_Left	24.33	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	23.38	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.69	/	/	22.64	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	21.64	/	/	<=30	Pass
		Outer_Full	22.89	/	/	22.84	/	/	<=30	Pass
		Inner_Full	24.04	/	/	23.99	/	/	<=30	Pass
		Inner_1RB_Left	24.08	/	/	24.03	/	/	<=30	Pass
		Inner_1RB_Right	23.18	/	/	23.13	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.35	/	/	22.30	/	/	<=30	Pass
		Edge_1RB_Right	21.55	/	/	21.50	/	/	<=30	Pass
		Outer_Full	22.94	/	/	22.89	/	/	<=30	Pass
		Inner_Full	24.10	/	/	24.05	/	/	<=30	Pass
		Inner_1RB_Left	23.87	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Right	22.99	/	/	22.94	/	/	<=30	Pass
CP-OFDM 64 QAM	3495	Edge_1RB_Left	22.95	/	/	22.90	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	22.04	/	/	<=30	Pass
		Outer_Full	22.41	/	/	22.36	/	/	<=30	Pass
		Inner_Full	22.48	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Left	22.90	/	/	22.85	/	/	<=30	Pass
		Inner_1RB_Right	22.19	/	/	22.14	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.86	/	/	22.81	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	21.82	/	/	<=30	Pass
		Outer_Full	22.43	/	/	22.38	/	/	<=30	Pass
		Inner_Full	22.45	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	22.76	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	21.82	/	/	21.77	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.55	/	/	22.50	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	21.64	/	/	<=30	Pass
		Outer_Full	22.30	/	/	22.25	/	/	<=30	Pass
		Inner_Full	22.53	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	22.59	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Right	21.61	/	/	21.56	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Edge_1RB_Left	19.92	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	19.03	/	/	18.98	/	/	<=30	Pass
		Outer_Full	19.49	/	/	19.44	/	/	<=30	Pass
		Inner_Full	19.48	/	/	19.43	/	/	<=30	Pass
		Inner_1RB_Left	19.87	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Right	19.16	/	/	19.11	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.72	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	18.88	/	/	18.83	/	/	<=30	Pass
		Outer_Full	19.40	/	/	19.35	/	/	<=30	Pass
		Inner_Full	19.50	/	/	19.45	/	/	<=30	Pass
		Inner_1RB_Left	19.89	/	/	19.84	/	/	<=30	Pass
		Inner_1RB_Right	18.78	/	/	18.73	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	19.48	/	/	19.43	/	/	<=30	Pass
		Edge_1RB_Right	18.61	/	/	18.56	/	/	<=30	Pass
		Outer_Full	19.36	/	/	19.31	/	/	<=30	Pass
		Inner_Full	19.54	/	/	19.49	/	/	<=30	Pass
		Inner_1RB_Left	19.48	/	/	19.43	/	/	<=30	Pass



		Inner_1RB_Right	18.54	/	/	18.49	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: -0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30_S_100M_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge_1RB_Left	22.87	/	/	22.82	/	/	<=30	Pass
		Edge_1RB_Right	21.81	/	/	21.76	/	/	<=30	Pass
		Outer_Full	25.32	/	/	25.27	/	/	<=30	Pass
		Inner_Full	25.97	/	/	25.92	/	/	<=30	Pass
		Inner_1RB_Left	26.33	/	/	26.28	/	/	<=30	Pass
		Inner_1RB_Right	25.19	/	/	25.14	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge_1RB_Left	22.98	/	/	22.93	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	21.67	/	/	<=30	Pass
		Outer_Full	24.92	/	/	24.87	/	/	<=30	Pass
		Inner_Full	25.94	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Left	26.38	/	/	26.33	/	/	<=30	Pass
		Inner_1RB_Right	25.21	/	/	25.16	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge_1RB_Left	22.76	/	/	22.71	/	/	<=30	Pass
		Edge_1RB_Right	21.62	/	/	21.57	/	/	<=30	Pass
		Outer_Full	23.97	/	/	23.92	/	/	<=30	Pass
		Inner_Full	24.93	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Left	25.28	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Right	24.05	/	/	24.00	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge_1RB_Left	22.89	/	/	22.84	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	21.63	/	/	<=30	Pass
		Outer_Full	23.28	/	/	23.23	/	/	<=30	Pass
		Inner_Full	23.43	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	23.99	/	/	23.94	/	/	<=30	Pass
		Inner_1RB_Right	22.72	/	/	22.67	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge_1RB_Left	21.84	/	/	21.79	/	/	<=30	Pass
		Edge_1RB_Right	20.72	/	/	20.67	/	/	<=30	Pass
		Outer_Full	21.39	/	/	21.34	/	/	<=30	Pass
		Inner_Full	21.48	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Left	21.98	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Right	20.73	/	/	20.68	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	22.92	/	/	22.87	/	/	<=30	Pass
		Edge_1RB_Right	21.85	/	/	21.80	/	/	<=30	Pass
		Outer_Full	22.89	/	/	22.84	/	/	<=30	Pass
		Inner_Full	24.49	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Left	25.04	/	/	24.99	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	23.81	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	22.77	/	/	22.72	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	21.55	/	/	<=30	Pass
		Outer_Full	22.85	/	/	22.80	/	/	<=30	Pass
		Inner_Full	23.95	/	/	23.90	/	/	<=30	Pass
		Inner_1RB_Left	24.35	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Right	23.07	/	/	23.02	/	/	<=30	Pass



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CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	22.93	/	/	22.88	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	21.67	/	/	<=30	Pass
		Outer_Full	22.45	/	/	22.40	/	/	<=30	Pass
		Inner_Full	22.51	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Left	22.97	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Right	21.72	/	/	21.67	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	19.86	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	18.80	/	/	18.75	/	/	<=30	Pass
		Outer_Full	19.36	/	/	19.31	/	/	<=30	Pass
		Inner_Full	19.46	/	/	19.41	/	/	<=30	Pass
		Inner_1RB_Left	19.87	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Right	18.75	/	/	18.70	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: -0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30_S_100M

5G NR n78e 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 QPSK	3500.01	Outer_Full	20	LV	4.40	0.0013	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-2.40	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	5.40	0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-18.70	-0.0053	>=-2.5 & <=2.5	Pass
			0	NV	-2.40	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	11.00	0.0031	>=-2.5 & <=2.5	Pass
			30	NV	5.50	0.0016	>=-2.5 & <=2.5	Pass
			40	NV	9.30	0.0027	>=-2.5 & <=2.5	Pass
			50	NV	-3.00	-0.0009	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_S_20M_NTNV

5G NR n78e SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	17.81	19.20	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	17.84	19.36	/	Pass

DFT-s-OFDM 16 QAM	3500.01	Outer_Full	17.88	19.42	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	17.88	19.61	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	17.81	19.34	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	18.27	19.72	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	18.23	19.88	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	18.23	19.52	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	18.23	19.89	/	Pass

3.1.2 30_S_30M_NTNV

5G NR n78e SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	26.80	28.38	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	26.83	28.63	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	26.84	28.74	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	26.83	28.47	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	26.84	28.54	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	27.93	29.75	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	27.95	29.42	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	27.86	29.41	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	27.85	29.54	/	Pass

3.1.3 30_S_40M_NTNV

5G NR n78e SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	36.04	38.71	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	35.98	38.58	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	36.07	38.66	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	36.02	38.57	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	36.08	38.81	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	38.00	40.95	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	38.14	40.75	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	38.14	40.92	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	38.27	40.79	/	Pass

3.1.4 30_S_50M_NTNV

5G NR n78e SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	45.92	48.54	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	46.08	48.64	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	46.03	48.82	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	45.86	50.46	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	45.99	50.33	/	Pass



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CP-OFDM QPSK	3500.01	Outer_Full	47.74	50.22	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	47.63	50.77	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	47.74	52.49	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	47.72	50.21	/	Pass

3.1.5 30_S_60M_NTNV

5G NR n78e SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	58.10	60.79	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	58.31	63.77	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	57.96	60.76	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	58.07	60.87	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	57.95	60.82	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	57.89	60.81	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	57.97	60.71	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	58.00	60.71	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	57.97	60.90	/	Pass

3.1.6 30_S_70M_NTNV

5G NR n78e SCS=30kHz SISO 70MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	64.51	67.69	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	64.34	67.02	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	64.17	67.23	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	64.39	67.18	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	64.25	67.25	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	67.53	70.66	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	67.54	70.67	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	67.37	70.33	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	67.46	70.48	/	Pass

3.1.7 30_S_80M_NTNV

5G NR n78e SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	76.82	79.95	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	77.14	80.09	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	76.72	79.99	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	77.13	80.07	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	76.81	79.93	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	77.39	80.16	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	77.22	80.19	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	77.45	80.31	/	Pass



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CP-OFDM 256 QAM	3500.01	Outer_Full	77.22	80.27	/	Pass
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3.1.8 30_S_90M_NTNV

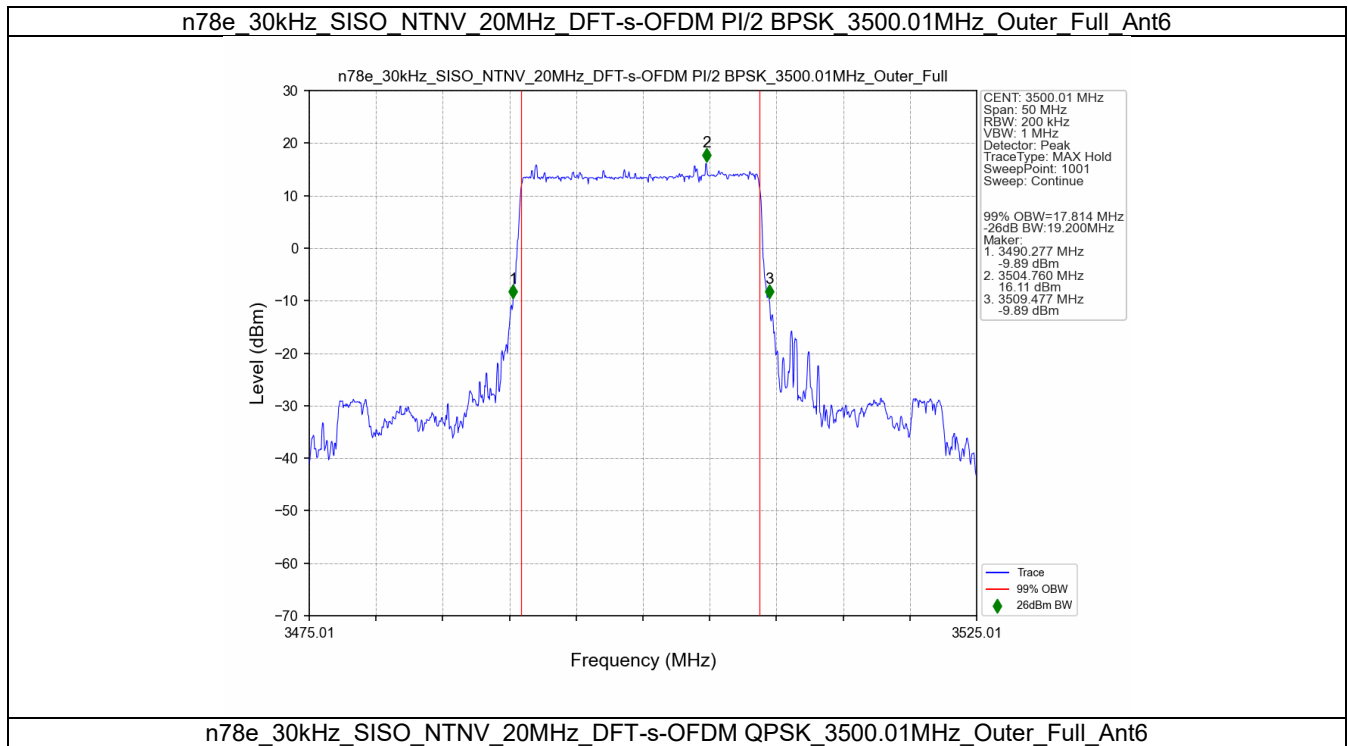
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Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	86.52	89.62	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	86.57	89.65	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	86.97	89.69	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	86.75	89.79	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	86.53	89.80	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	87.39	90.42	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	87.46	90.26	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	87.12	90.37	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	87.15	90.33	/	Pass

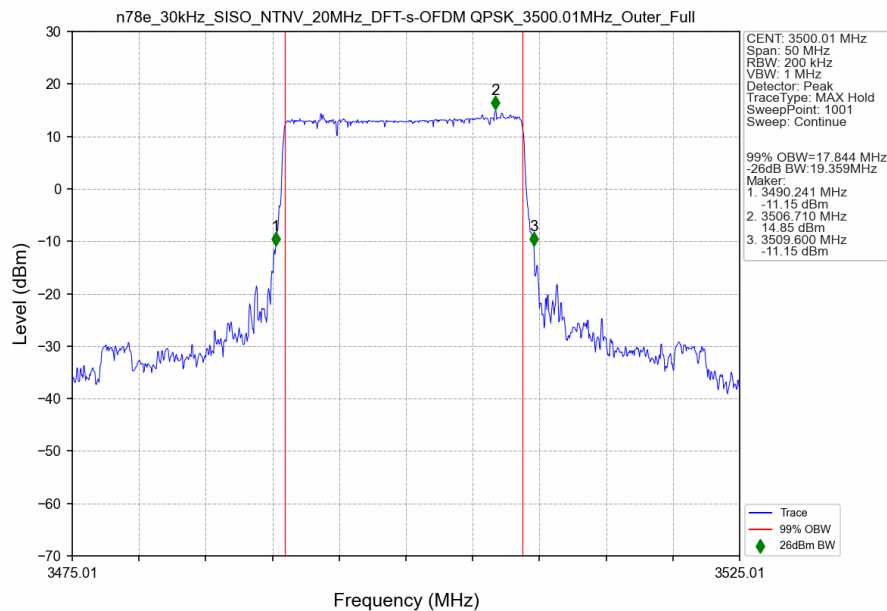
3.1.9 30_S_100M_NTNV

5G NR n78e SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	95.90	99.48	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	96.05	99.42	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	95.92	99.30	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	95.96	99.33	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	96.35	99.77	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	97.19	100.39	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	97.15	100.41	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	97.07	100.57	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	96.98	100.53	/	Pass

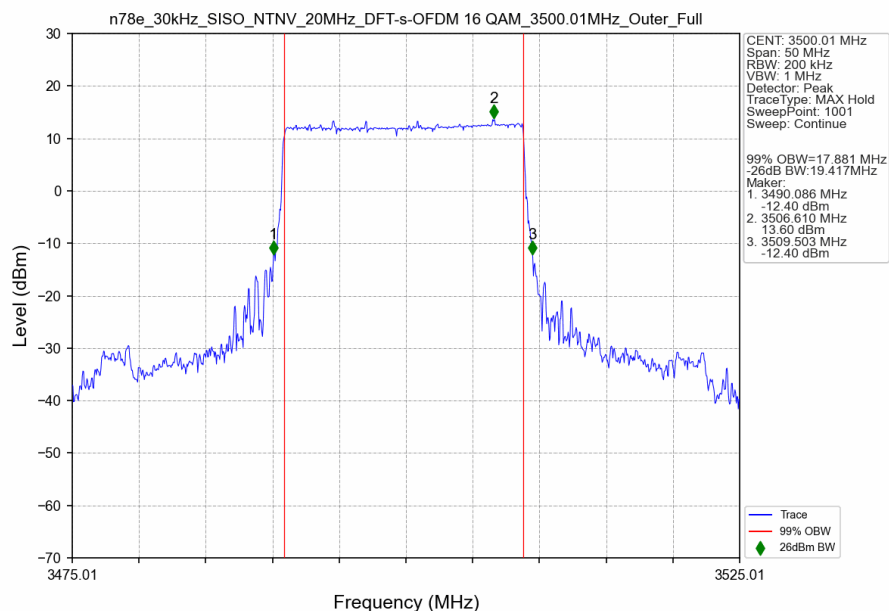
3.2 Test Graph

3.2.1 30_S_20M_NTNV

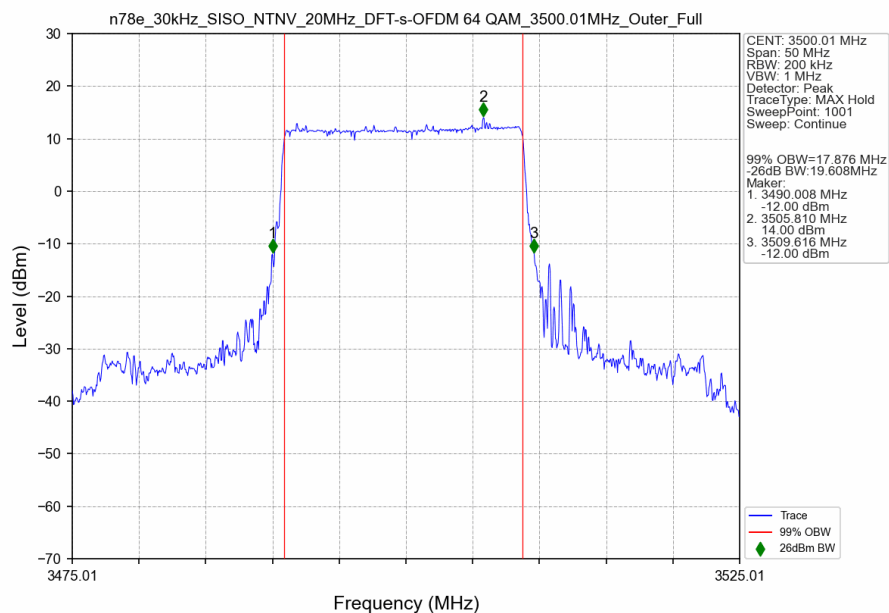




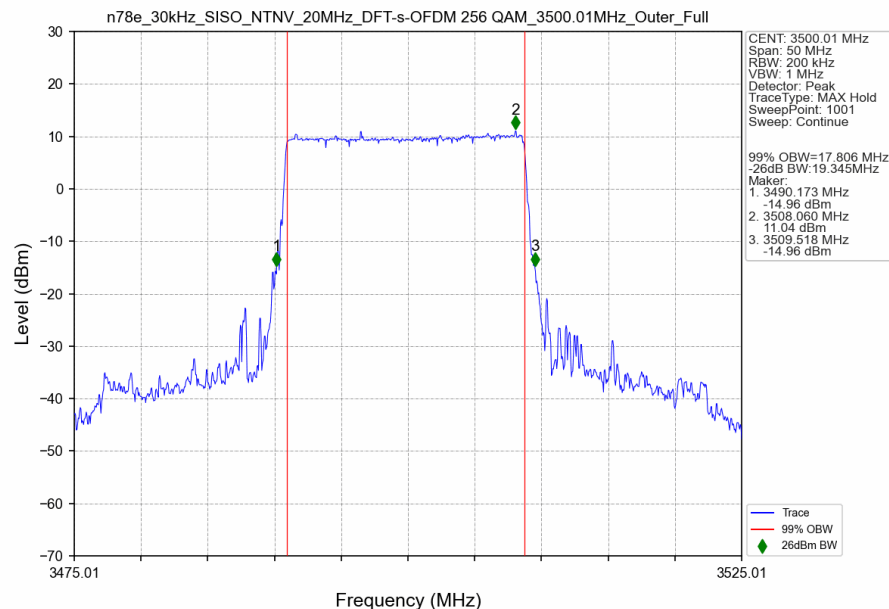
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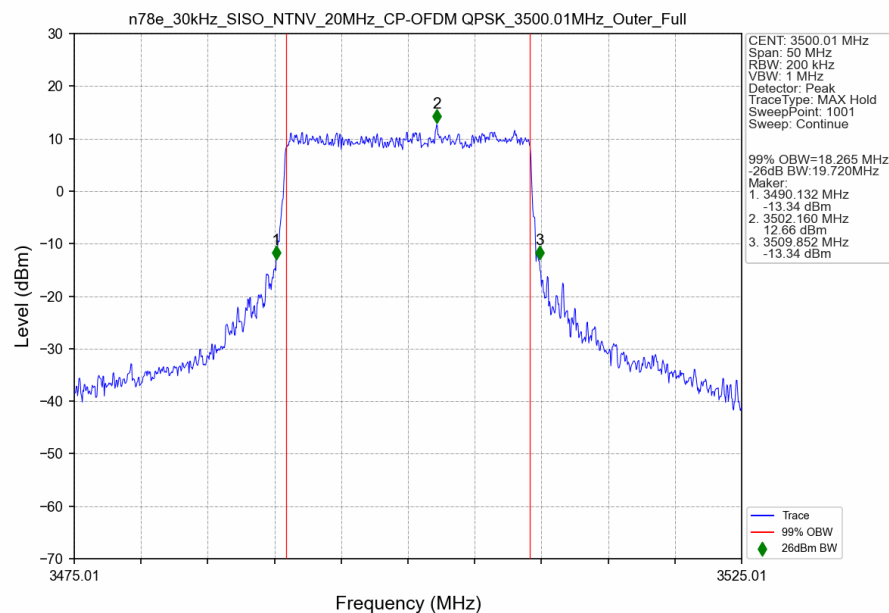
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n78e_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant6



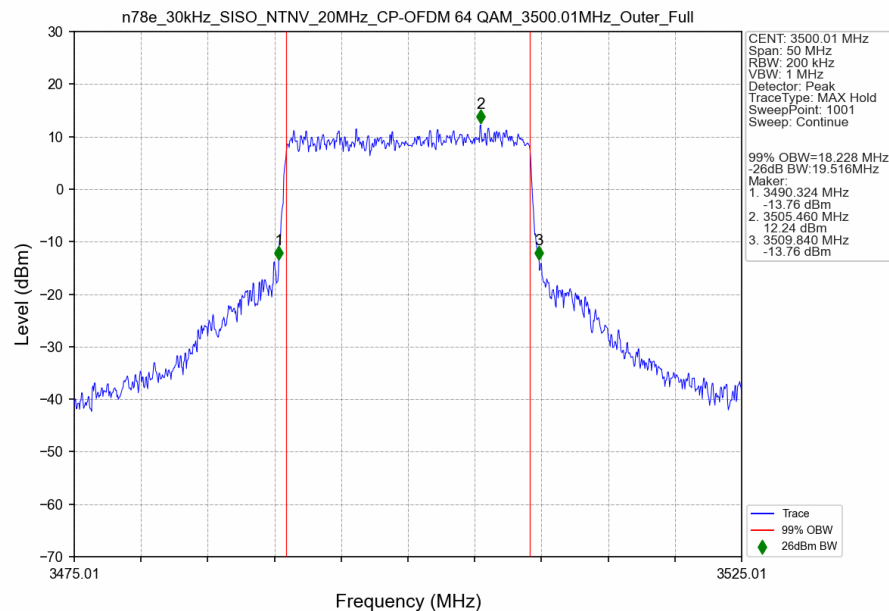
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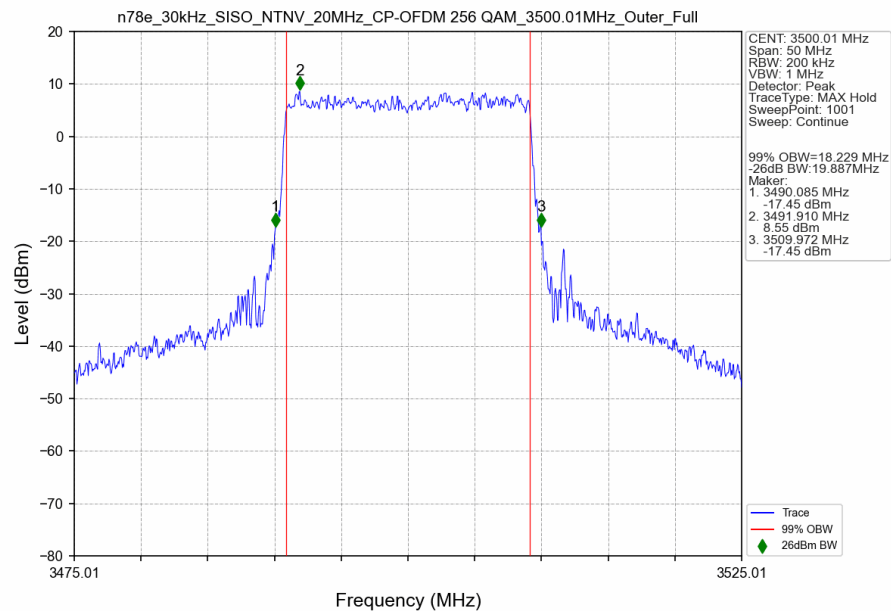
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n78e_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 3500.01MHz_Outer_Full_Ant6



n78e_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant6



3.2.2 30_S_30M_NTNV

