



Appendix A.37

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_20M_NTNV_EIRP

5G NR n78a 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	3710.01	Edge_1RB_Left	22.70	/	/	22.65	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	23.00	/	/	<=30	Pass
		Outer_Full	25.88	/	/	25.83	/	/	<=30	Pass
		Inner_Full	26.46	/	/	26.41	/	/	<=30	Pass
		Inner_1RB_Left	26.24	/	/	26.19	/	/	<=30	Pass
	3750	Inner_1RB_Right	26.50	/	/	26.45	/	/	<=30	Pass
		Edge_1RB_Left	22.89	/	/	22.84	/	/	<=30	Pass
		Edge_1RB_Right	23.16	/	/	23.11	/	/	<=30	Pass
		Outer_Full	25.98	/	/	25.93	/	/	<=30	Pass
		Inner_Full	26.62	/	/	26.57	/	/	<=30	Pass
	3789.99	Inner_1RB_Left	26.41	/	/	26.36	/	/	<=30	Pass
		Inner_1RB_Right	26.66	/	/	26.61	/	/	<=30	Pass
		Edge_1RB_Left	23.08	/	/	23.03	/	/	<=30	Pass
		Edge_1RB_Right	23.24	/	/	23.19	/	/	<=30	Pass
		Outer_Full	26.27	/	/	26.22	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Inner_Full	26.81	/	/	26.76	/	/	<=30	Pass
		Inner_1RB_Left	26.66	/	/	26.61	/	/	<=30	Pass
		Inner_1RB_Right	26.78	/	/	26.73	/	/	<=30	Pass
		Edge_1RB_Left	22.69	/	/	22.64	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	23.02	/	/	<=30	Pass
	3750	Outer_Full	25.44	/	/	25.39	/	/	<=30	Pass
		Inner_Full	26.44	/	/	26.39	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	26.04	/	/	<=30	Pass
		Inner_1RB_Right	26.58	/	/	26.53	/	/	<=30	Pass
		Edge_1RB_Left	22.79	/	/	22.74	/	/	<=30	Pass
	3789.99	Edge_1RB_Right	22.97	/	/	22.92	/	/	<=30	Pass
		Outer_Full	25.48	/	/	25.43	/	/	<=30	Pass
		Inner_Full	26.51	/	/	26.46	/	/	<=30	Pass
		Inner_1RB_Left	26.33	/	/	26.28	/	/	<=30	Pass
		Inner_1RB_Right	26.66	/	/	26.61	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	23.08	/	/	23.03	/	/	<=30	Pass
		Edge_1RB_Right	23.22	/	/	23.17	/	/	<=30	Pass
		Outer_Full	25.86	/	/	25.81	/	/	<=30	Pass
		Inner_Full	26.81	/	/	26.76	/	/	<=30	Pass
		Inner_1RB_Left	26.56	/	/	26.51	/	/	<=30	Pass
		Inner_1RB_Right	26.78	/	/	26.73	/	/	<=30	Pass
		Edge_1RB_Left	22.63	/	/	22.58	/	/	<=30	Pass
	3710.01	Edge_1RB_Right	22.97	/	/	22.92	/	/	<=30	Pass
		Outer_Full	24.40	/	/	24.35	/	/	<=30	Pass
		Inner_Full	25.41	/	/	25.36	/	/	<=30	Pass

		Inner 1RB Left	25.16	/	/	25.11	/	/	<=30	Pass
		Inner 1RB Right	25.45	/	/	25.40	/	/	<=30	Pass
	3750	Edge 1RB Left	22.72	/	/	22.67	/	/	<=30	Pass
		Edge 1RB Right	22.96	/	/	22.91	/	/	<=30	Pass
		Outer Full	24.55	/	/	24.50	/	/	<=30	Pass
		Inner Full	25.60	/	/	25.55	/	/	<=30	Pass
		Inner 1RB Left	25.11	/	/	25.06	/	/	<=30	Pass
		Inner 1RB Right	25.59	/	/	25.54	/	/	<=30	Pass
	3789.99	Edge 1RB Left	22.88	/	/	22.83	/	/	<=30	Pass
		Edge 1RB Right	23.27	/	/	23.22	/	/	<=30	Pass
		Outer Full	24.83	/	/	24.78	/	/	<=30	Pass
		Inner Full	25.85	/	/	25.80	/	/	<=30	Pass
		Inner 1RB Left	25.50	/	/	25.45	/	/	<=30	Pass
		Inner 1RB Right	25.59	/	/	25.54	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge 1RB Left	22.78	/	/	22.73	/	/	<=30	Pass
		Edge 1RB Right	22.99	/	/	22.94	/	/	<=30	Pass
		Outer Full	23.89	/	/	23.84	/	/	<=30	Pass
		Inner Full	23.91	/	/	23.86	/	/	<=30	Pass
		Inner 1RB Left	23.72	/	/	23.67	/	/	<=30	Pass
		Inner 1RB Right	24.16	/	/	24.11	/	/	<=30	Pass
	3750	Edge 1RB Left	22.83	/	/	22.78	/	/	<=30	Pass
		Edge 1RB Right	23.21	/	/	23.16	/	/	<=30	Pass
		Outer Full	24.05	/	/	24.00	/	/	<=30	Pass
		Inner Full	24.01	/	/	23.96	/	/	<=30	Pass
		Inner 1RB Left	23.94	/	/	23.89	/	/	<=30	Pass
		Inner 1RB Right	24.08	/	/	24.03	/	/	<=30	Pass
	3789.99	Edge 1RB Left	23.31	/	/	23.26	/	/	<=30	Pass
		Edge 1RB Right	23.46	/	/	23.41	/	/	<=30	Pass
		Outer Full	24.33	/	/	24.28	/	/	<=30	Pass
		Inner Full	24.41	/	/	24.36	/	/	<=30	Pass
		Inner 1RB Left	24.12	/	/	24.07	/	/	<=30	Pass
		Inner 1RB Right	24.44	/	/	24.39	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge 1RB Left	21.71	/	/	21.66	/	/	<=30	Pass
		Edge 1RB Right	22.04	/	/	21.99	/	/	<=30	Pass
		Outer Full	21.95	/	/	21.90	/	/	<=30	Pass
		Inner Full	21.90	/	/	21.85	/	/	<=30	Pass
		Inner 1RB Left	21.74	/	/	21.69	/	/	<=30	Pass
		Inner 1RB Right	22.02	/	/	21.97	/	/	<=30	Pass
	3750	Edge 1RB Left	21.89	/	/	21.84	/	/	<=30	Pass
		Edge 1RB Right	22.18	/	/	22.13	/	/	<=30	Pass
		Outer Full	22.03	/	/	21.98	/	/	<=30	Pass
		Inner Full	22.08	/	/	22.03	/	/	<=30	Pass
		Inner 1RB Left	21.82	/	/	21.77	/	/	<=30	Pass
		Inner 1RB Right	22.12	/	/	22.07	/	/	<=30	Pass
	3789.99	Edge 1RB Left	22.21	/	/	22.16	/	/	<=30	Pass
		Edge 1RB Right	22.27	/	/	22.22	/	/	<=30	Pass
		Outer Full	22.37	/	/	22.32	/	/	<=30	Pass
		Inner Full	22.39	/	/	22.34	/	/	<=30	Pass
		Inner 1RB Left	22.17	/	/	22.12	/	/	<=30	Pass
		Inner 1RB Right	22.25	/	/	22.20	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge 1RB Left	22.77	/	/	22.72	/	/	<=30	Pass
		Edge 1RB Right	23.05	/	/	23.00	/	/	<=30	Pass
		Outer Full	23.33	/	/	23.28	/	/	<=30	Pass

		Inner Full	24.93	/	/	24.88	/	/	<=30	Pass
		Inner 1RB Left	24.77	/	/	24.72	/	/	<=30	Pass
		Inner 1RB Right	25.00	/	/	24.95	/	/	<=30	Pass
	3750	Edge 1RB Left	22.89	/	/	22.84	/	/	<=30	Pass
		Edge 1RB Right	23.31	/	/	23.26	/	/	<=30	Pass
		Outer Full	23.58	/	/	23.53	/	/	<=30	Pass
		Inner Full	25.06	/	/	25.01	/	/	<=30	Pass
		Inner 1RB Left	24.98	/	/	24.93	/	/	<=30	Pass
		Inner 1RB Right	25.41	/	/	25.36	/	/	<=30	Pass
	3789.99	Edge 1RB Left	23.16	/	/	23.11	/	/	<=30	Pass
		Edge 1RB Right	23.34	/	/	23.29	/	/	<=30	Pass
		Outer Full	23.84	/	/	23.79	/	/	<=30	Pass
		Inner Full	25.41	/	/	25.36	/	/	<=30	Pass
		Inner 1RB Left	25.32	/	/	25.27	/	/	<=30	Pass
		Inner 1RB Right	25.39	/	/	25.34	/	/	<=30	Pass
CP-OFDM 16 QAM	3710.01	Edge 1RB Left	22.70	/	/	22.65	/	/	<=30	Pass
		Edge 1RB Right	23.10	/	/	23.05	/	/	<=30	Pass
		Outer Full	23.42	/	/	23.37	/	/	<=30	Pass
		Inner Full	24.41	/	/	24.36	/	/	<=30	Pass
		Inner 1RB Left	24.16	/	/	24.11	/	/	<=30	Pass
		Inner 1RB Right	24.35	/	/	24.30	/	/	<=30	Pass
	3750	Edge 1RB Left	22.68	/	/	22.63	/	/	<=30	Pass
		Edge 1RB Right	23.02	/	/	22.97	/	/	<=30	Pass
		Outer Full	23.55	/	/	23.50	/	/	<=30	Pass
		Inner Full	24.58	/	/	24.53	/	/	<=30	Pass
		Inner 1RB Left	24.16	/	/	24.11	/	/	<=30	Pass
		Inner 1RB Right	24.61	/	/	24.56	/	/	<=30	Pass
	3789.99	Edge 1RB Left	23.02	/	/	22.97	/	/	<=30	Pass
		Edge 1RB Right	23.25	/	/	23.20	/	/	<=30	Pass
		Outer Full	23.88	/	/	23.83	/	/	<=30	Pass
		Inner Full	24.85	/	/	24.80	/	/	<=30	Pass
		Inner 1RB Left	24.47	/	/	24.42	/	/	<=30	Pass
		Inner 1RB Right	24.69	/	/	24.64	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge 1RB Left	22.69	/	/	22.64	/	/	<=30	Pass
		Edge 1RB Right	23.19	/	/	23.14	/	/	<=30	Pass
		Outer Full	22.84	/	/	22.79	/	/	<=30	Pass
		Inner Full	22.89	/	/	22.84	/	/	<=30	Pass
		Inner 1RB Left	22.77	/	/	22.72	/	/	<=30	Pass
		Inner 1RB Right	23.16	/	/	23.11	/	/	<=30	Pass
	3750	Edge 1RB Left	22.93	/	/	22.88	/	/	<=30	Pass
		Edge 1RB Right	23.24	/	/	23.19	/	/	<=30	Pass
		Outer Full	23.05	/	/	23.00	/	/	<=30	Pass
		Inner Full	23.02	/	/	22.97	/	/	<=30	Pass
		Inner 1RB Left	22.94	/	/	22.89	/	/	<=30	Pass
		Inner 1RB Right	23.29	/	/	23.24	/	/	<=30	Pass
	3789.99	Edge 1RB Left	23.36	/	/	23.31	/	/	<=30	Pass
		Edge 1RB Right	23.46	/	/	23.41	/	/	<=30	Pass
		Outer Full	23.30	/	/	23.25	/	/	<=30	Pass
		Inner Full	23.37	/	/	23.32	/	/	<=30	Pass
		Inner 1RB Left	23.30	/	/	23.25	/	/	<=30	Pass
		Inner 1RB Right	23.45	/	/	23.40	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge 1RB Left	19.69	/	/	19.64	/	/	<=30	Pass
		Edge 1RB Right	20.02	/	/	19.97	/	/	<=30	Pass

		Outer_Full	19.74	/	/	19.69	/	/	<=30	Pass
		Inner_Full	19.92	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Left	19.71	/	/	19.66	/	/	<=30	Pass
		Inner_1RB_Right	20.00	/	/	19.95	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.85	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	20.16	/	/	20.11	/	/	<=30	Pass
		Outer_Full	20.01	/	/	19.96	/	/	<=30	Pass
		Inner_Full	20.18	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Left	19.87	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Right	20.14	/	/	20.09	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	20.16	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	20.37	/	/	20.32	/	/	<=30	Pass
		Outer_Full	20.22	/	/	20.17	/	/	<=30	Pass
		Inner_Full	20.39	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Left	20.28	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Right	20.40	/	/	20.35	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: -0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30_S_30M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 30MHz 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	3715.02	Edge_1RB_Left	22.59	/	/	22.54	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	22.84	/	/	<=30	Pass
		Outer_Full	25.97	/	/	25.92	/	/	<=30	Pass
		Inner_Full	26.48	/	/	26.43	/	/	<=30	Pass
		Inner_1RB_Left	26.07	/	/	26.02	/	/	<=30	Pass
		Inner_1RB_Right	26.56	/	/	26.51	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.97	/	/	22.92	/	/	<=30	Pass
		Edge_1RB_Right	23.26	/	/	23.21	/	/	<=30	Pass
		Outer_Full	26.06	/	/	26.01	/	/	<=30	Pass
		Inner_Full	26.46	/	/	26.41	/	/	<=30	Pass
		Inner_1RB_Left	26.38	/	/	26.33	/	/	<=30	Pass
		Inner_1RB_Right	26.71	/	/	26.66	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	23.19	/	/	23.14	/	/	<=30	Pass
		Edge_1RB_Right	23.11	/	/	23.06	/	/	<=30	Pass
		Outer_Full	26.19	/	/	26.14	/	/	<=30	Pass
		Inner_Full	26.66	/	/	26.61	/	/	<=30	Pass
		Inner_1RB_Left	26.63	/	/	26.58	/	/	<=30	Pass
		Inner_1RB_Right	26.71	/	/	26.66	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	22.47	/	/	22.42	/	/	<=30	Pass
		Edge_1RB_Right	23.00	/	/	22.95	/	/	<=30	Pass
		Outer_Full	25.48	/	/	25.43	/	/	<=30	Pass
		Inner_Full	26.50	/	/	26.45	/	/	<=30	Pass
		Inner_1RB_Left	26.11	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Right	26.44	/	/	26.39	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.85	/	/	22.80	/	/	<=30	Pass
		Edge_1RB_Right	23.09	/	/	23.04	/	/	<=30	Pass
		Outer_Full	25.63	/	/	25.58	/	/	<=30	Pass

		Inner Full	26.43	/	/	26.38	/	/	<=30	Pass
		Inner 1RB Left	26.29	/	/	26.24	/	/	<=30	Pass
		Inner 1RB Right	26.64	/	/	26.59	/	/	<=30	Pass
	3784.98	Edge 1RB Left	23.20	/	/	23.15	/	/	<=30	Pass
		Edge 1RB Right	23.19	/	/	23.14	/	/	<=30	Pass
		Outer Full	25.68	/	/	25.63	/	/	<=30	Pass
		Inner Full	26.64	/	/	26.59	/	/	<=30	Pass
		Inner 1RB Left	26.62	/	/	26.57	/	/	<=30	Pass
		Inner 1RB Right	26.70	/	/	26.65	/	/	<=30	Pass
		Edge 1RB Left	22.59	/	/	22.54	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge 1RB Right	22.91	/	/	22.86	/	/	<=30	Pass
		Outer Full	24.48	/	/	24.43	/	/	<=30	Pass
		Inner Full	25.47	/	/	25.42	/	/	<=30	Pass
		Inner 1RB Left	24.96	/	/	24.91	/	/	<=30	Pass
		Inner 1RB Right	25.33	/	/	25.28	/	/	<=30	Pass
		Edge 1RB Left	22.89	/	/	22.84	/	/	<=30	Pass
	3750	Edge 1RB Right	23.13	/	/	23.08	/	/	<=30	Pass
		Outer Full	24.58	/	/	24.53	/	/	<=30	Pass
		Inner Full	25.42	/	/	25.37	/	/	<=30	Pass
		Inner 1RB Left	25.33	/	/	25.28	/	/	<=30	Pass
		Inner 1RB Right	25.54	/	/	25.49	/	/	<=30	Pass
		Edge 1RB Left	23.08	/	/	23.03	/	/	<=30	Pass
	3784.98	Edge 1RB Right	23.03	/	/	22.98	/	/	<=30	Pass
		Outer Full	24.63	/	/	24.58	/	/	<=30	Pass
		Inner Full	25.62	/	/	25.57	/	/	<=30	Pass
		Inner 1RB Left	25.54	/	/	25.49	/	/	<=30	Pass
		Inner 1RB Right	25.54	/	/	25.49	/	/	<=30	Pass
		Edge 1RB Left	22.72	/	/	22.67	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Edge 1RB Right	23.09	/	/	23.04	/	/	<=30	Pass
		Outer Full	24.09	/	/	24.04	/	/	<=30	Pass
		Inner Full	24.00	/	/	23.95	/	/	<=30	Pass
		Inner 1RB Left	23.78	/	/	23.73	/	/	<=30	Pass
		Inner 1RB Right	24.05	/	/	24.00	/	/	<=30	Pass
		Edge 1RB Left	22.97	/	/	22.92	/	/	<=30	Pass
	3750	Edge 1RB Right	23.21	/	/	23.16	/	/	<=30	Pass
		Outer Full	24.11	/	/	24.06	/	/	<=30	Pass
		Inner Full	24.09	/	/	24.04	/	/	<=30	Pass
		Inner 1RB Left	23.93	/	/	23.88	/	/	<=30	Pass
		Inner 1RB Right	24.32	/	/	24.27	/	/	<=30	Pass
		Edge 1RB Left	23.31	/	/	23.26	/	/	<=30	Pass
	3784.98	Edge 1RB Right	23.22	/	/	23.17	/	/	<=30	Pass
		Outer Full	24.17	/	/	24.12	/	/	<=30	Pass
		Inner Full	24.20	/	/	24.15	/	/	<=30	Pass
		Inner 1RB Left	24.22	/	/	24.17	/	/	<=30	Pass
		Inner 1RB Right	24.14	/	/	24.09	/	/	<=30	Pass
		Edge 1RB Left	21.55	/	/	21.50	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Edge 1RB Right	22.05	/	/	22.00	/	/	<=30	Pass
		Outer Full	21.94	/	/	21.89	/	/	<=30	Pass
		Inner Full	21.98	/	/	21.93	/	/	<=30	Pass
		Inner 1RB Left	21.75	/	/	21.70	/	/	<=30	Pass
		Inner 1RB Right	21.99	/	/	21.94	/	/	<=30	Pass
		Edge 1RB Left	21.97	/	/	21.92	/	/	<=30	Pass
	3750	Edge 1RB Right	22.25	/	/	22.20	/	/	<=30	Pass

		Outer_Full	21.94	/	/	21.89	/	/	<=30	Pass
		Inner_Full	21.94	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Left	21.89	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Right	22.18	/	/	22.13	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	22.24	/	/	22.19	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	22.04	/	/	<=30	Pass
		Outer_Full	22.25	/	/	22.20	/	/	<=30	Pass
		Inner_Full	22.18	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Left	22.15	/	/	22.10	/	/	<=30	Pass
		Inner_1RB_Right	22.04	/	/	21.99	/	/	<=30	Pass
		Edge_1RB_Left	22.58	/	/	22.53	/	/	<=30	Pass
		Edge_1RB_Right	23.10	/	/	23.05	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Outer_Full	23.41	/	/	23.36	/	/	<=30	Pass
		Inner_Full	25.04	/	/	24.99	/	/	<=30	Pass
		Inner_1RB_Left	24.70	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Right	24.93	/	/	24.88	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.00	/	/	22.95	/	/	<=30	Pass
		Edge_1RB_Right	23.25	/	/	23.20	/	/	<=30	Pass
		Outer_Full	23.59	/	/	23.54	/	/	<=30	Pass
		Inner_Full	25.08	/	/	25.03	/	/	<=30	Pass
		Inner_1RB_Left	24.95	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Right	25.19	/	/	25.14	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	23.32	/	/	23.27	/	/	<=30	Pass
		Edge_1RB_Right	23.38	/	/	23.33	/	/	<=30	Pass
		Outer_Full	23.76	/	/	23.71	/	/	<=30	Pass
		Inner_Full	25.22	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	25.15	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	25.24	/	/	25.19	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge_1RB_Left	22.67	/	/	22.62	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	23.00	/	/	<=30	Pass
		Outer_Full	23.60	/	/	23.55	/	/	<=30	Pass
		Inner_Full	24.49	/	/	24.44	/	/	<=30	Pass
	3750	Inner_1RB_Left	23.99	/	/	23.94	/	/	<=30	Pass
		Inner_1RB_Right	24.49	/	/	24.44	/	/	<=30	Pass
		Edge_1RB_Left	22.91	/	/	22.86	/	/	<=30	Pass
		Edge_1RB_Right	23.20	/	/	23.15	/	/	<=30	Pass
	3784.98	Outer_Full	23.65	/	/	23.60	/	/	<=30	Pass
		Inner_Full	24.53	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Left	24.27	/	/	24.22	/	/	<=30	Pass
		Inner_1RB_Right	24.48	/	/	24.43	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.02	Edge_1RB_Left	23.19	/	/	23.14	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	22.99	/	/	<=30	Pass
		Outer_Full	23.76	/	/	23.71	/	/	<=30	Pass
		Inner_Full	24.63	/	/	24.58	/	/	<=30	Pass
	3750	Inner_1RB_Left	24.60	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Right	24.47	/	/	24.42	/	/	<=30	Pass
		Edge_1RB_Left	22.73	/	/	22.68	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	22.97	/	/	<=30	Pass
	3784.98	Outer_Full	23.00	/	/	22.95	/	/	<=30	Pass
		Inner_Full	23.02	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Right	23.12	/	/	23.07	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.00	/	/	22.95	/	/	<=30	Pass

CP-OFDM 256 QAM		Edge 1RB Right	23.26	/	/	23.21	/	/	<=30	Pass
		Outer Full	23.15	/	/	23.10	/	/	<=30	Pass
		Inner Full	23.07	/	/	23.02	/	/	<=30	Pass
		Inner 1RB Left	23.03	/	/	22.98	/	/	<=30	Pass
		Inner 1RB Right	23.28	/	/	23.23	/	/	<=30	Pass
	3784.98	Edge 1RB Left	23.25	/	/	23.20	/	/	<=30	Pass
		Edge 1RB Right	23.35	/	/	23.30	/	/	<=30	Pass
		Outer Full	23.23	/	/	23.18	/	/	<=30	Pass
		Inner Full	23.17	/	/	23.12	/	/	<=30	Pass
		Inner 1RB Left	23.26	/	/	23.21	/	/	<=30	Pass
		Inner 1RB Right	23.24	/	/	23.19	/	/	<=30	Pass
		Edge 1RB Left	19.59	/	/	19.54	/	/	<=30	Pass
		Edge 1RB Right	19.99	/	/	19.94	/	/	<=30	Pass
		Outer Full	19.99	/	/	19.94	/	/	<=30	Pass
		Inner Full	20.09	/	/	20.04	/	/	<=30	Pass
		Inner 1RB Left	19.62	/	/	19.57	/	/	<=30	Pass
		Inner 1RB Right	19.99	/	/	19.94	/	/	<=30	Pass
	3750	Edge 1RB Left	19.81	/	/	19.76	/	/	<=30	Pass
		Edge 1RB Right	20.22	/	/	20.17	/	/	<=30	Pass
		Outer Full	20.05	/	/	20.00	/	/	<=30	Pass
		Inner Full	20.00	/	/	19.95	/	/	<=30	Pass
		Inner 1RB Left	19.90	/	/	19.85	/	/	<=30	Pass
		Inner 1RB Right	20.18	/	/	20.13	/	/	<=30	Pass
	3784.98	Edge 1RB Left	20.25	/	/	20.20	/	/	<=30	Pass
		Edge 1RB Right	20.25	/	/	20.20	/	/	<=30	Pass
		Outer Full	20.25	/	/	20.20	/	/	<=30	Pass
		Inner Full	20.22	/	/	20.17	/	/	<=30	Pass
		Inner 1RB Left	20.26	/	/	20.21	/	/	<=30	Pass
		Inner 1RB Right	20.19	/	/	20.14	/	/	<=30	Pass

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

1.1.3 30_S_40M_NTNV_EIRP

5G NR n78a 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	3720	Edge 1RB Left	22.86	/	/	22.81	/	/	<=30	Pass
		Edge 1RB Right	22.98	/	/	22.93	/	/	<=30	Pass
		Outer Full	26.00	/	/	25.95	/	/	<=30	Pass
		Inner Full	26.52	/	/	26.47	/	/	<=30	Pass
		Inner 1RB Left	26.29	/	/	26.24	/	/	<=30	Pass
		Inner 1RB Right	26.48	/	/	26.43	/	/	<=30	Pass
	3750	Edge 1RB Left	23.14	/	/	23.09	/	/	<=30	Pass
		Edge 1RB Right	23.23	/	/	23.18	/	/	<=30	Pass
		Outer Full	26.12	/	/	26.07	/	/	<=30	Pass
		Inner Full	26.57	/	/	26.52	/	/	<=30	Pass
		Inner 1RB Left	26.44	/	/	26.39	/	/	<=30	Pass
		Inner 1RB Right	26.74	/	/	26.69	/	/	<=30	Pass
	3780	Edge 1RB Left	23.36	/	/	23.31	/	/	<=30	Pass
		Edge 1RB Right	23.40	/	/	23.35	/	/	<=30	Pass

DFT-s-OFDM QPSK		Outer_Full	26.25	/	/	26.20	/	/	<=30	Pass
		Inner_Full	26.65	/	/	26.60	/	/	<=30	Pass
		Inner_1RB_Left	26.76	/	/	26.71	/	/	<=30	Pass
		Inner_1RB_Right	26.90	/	/	26.85	/	/	<=30	Pass
	3720	Edge_1RB_Left	22.82	/	/	22.77	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	22.90	/	/	<=30	Pass
		Outer_Full	25.53	/	/	25.48	/	/	<=30	Pass
		Inner_Full	26.62	/	/	26.57	/	/	<=30	Pass
	3750	Inner_1RB_Left	26.23	/	/	26.18	/	/	<=30	Pass
		Inner_1RB_Right	26.47	/	/	26.42	/	/	<=30	Pass
		Edge_1RB_Left	23.15	/	/	23.10	/	/	<=30	Pass
		Edge_1RB_Right	23.21	/	/	23.16	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	25.58	/	/	25.53	/	/	<=30	Pass
		Inner_Full	26.47	/	/	26.42	/	/	<=30	Pass
		Inner_1RB_Left	26.46	/	/	26.41	/	/	<=30	Pass
		Inner_1RB_Right	26.68	/	/	26.63	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.27	/	/	23.22	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	23.44	/	/	<=30	Pass
		Outer_Full	25.74	/	/	25.69	/	/	<=30	Pass
		Inner_Full	26.67	/	/	26.62	/	/	<=30	Pass
	3780	Inner_1RB_Left	26.72	/	/	26.67	/	/	<=30	Pass
		Inner_1RB_Right	26.92	/	/	26.87	/	/	<=30	Pass
		Edge_1RB_Left	22.65	/	/	22.60	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	22.75	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	24.46	/	/	24.41	/	/	<=30	Pass
		Inner_Full	25.66	/	/	25.61	/	/	<=30	Pass
		Inner_1RB_Left	25.09	/	/	25.04	/	/	<=30	Pass
		Inner_1RB_Right	25.22	/	/	25.17	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.82	/	/	22.77	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	22.99	/	/	<=30	Pass
		Outer_Full	24.56	/	/	24.51	/	/	<=30	Pass
		Inner_Full	25.54	/	/	25.49	/	/	<=30	Pass
	3780	Inner_1RB_Left	25.34	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Right	25.52	/	/	25.47	/	/	<=30	Pass
		Edge_1RB_Left	23.14	/	/	23.09	/	/	<=30	Pass
		Edge_1RB_Right	23.18	/	/	23.13	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	24.76	/	/	24.71	/	/	<=30	Pass
		Inner_Full	25.66	/	/	25.61	/	/	<=30	Pass
		Inner_1RB_Left	25.56	/	/	25.51	/	/	<=30	Pass
		Inner_1RB_Right	25.74	/	/	25.69	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.81	/	/	22.76	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	22.90	/	/	<=30	Pass
		Outer_Full	24.06	/	/	24.01	/	/	<=30	Pass
		Inner_Full	24.09	/	/	24.04	/	/	<=30	Pass
	3780	Inner_1RB_Left	23.80	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	23.93	/	/	<=30	Pass
		Edge_1RB_Left	23.09	/	/	23.04	/	/	<=30	Pass
		Edge_1RB_Right	23.37	/	/	23.32	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	24.18	/	/	24.13	/	/	<=30	Pass
		Inner_Full	24.07	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Left	24.04	/	/	23.99	/	/	<=30	Pass
		Inner_1RB_Right	24.29	/	/	24.24	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.32	/	/	23.27	/	/	<=30	Pass
		Edge_1RB_Right	23.32	/	/	23.27	/	/	<=30	Pass
		Outer_Full	24.18	/	/	24.13	/	/	<=30	Pass
		Inner_Full	24.07	/	/	24.02	/	/	<=30	Pass
	3780	Inner_1RB_Left	24.04	/	/	23.99	/	/	<=30	Pass
		Inner_1RB_Right	24.29	/	/	24.24	/	/	<=30	Pass
		Edge_1RB_Left	23.32	/	/	23.27	/	/	<=30	Pass
		Edge_1RB_Right	23.32	/	/	23.27	/	/	<=30	Pass

		Edge 1RB Right	23.44	/	/	23.39	/	/	<=30	Pass
		Outer Full	24.23	/	/	24.18	/	/	<=30	Pass
		Inner Full	24.17	/	/	24.12	/	/	<=30	Pass
		Inner 1RB Left	24.23	/	/	24.18	/	/	<=30	Pass
		Inner 1RB Right	24.46	/	/	24.41	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Edge 1RB Left	21.66	/	/	21.61	/	/	<=30	Pass
		Edge 1RB Right	21.97	/	/	21.92	/	/	<=30	Pass
		Outer Full	21.91	/	/	21.86	/	/	<=30	Pass
		Inner Full	22.05	/	/	22.00	/	/	<=30	Pass
		Inner 1RB Left	21.77	/	/	21.72	/	/	<=30	Pass
	3750	Inner 1RB Right	22.01	/	/	21.96	/	/	<=30	Pass
		Edge 1RB Left	21.98	/	/	21.93	/	/	<=30	Pass
		Edge 1RB Right	22.19	/	/	22.14	/	/	<=30	Pass
		Outer Full	22.06	/	/	22.01	/	/	<=30	Pass
		Inner Full	22.01	/	/	21.96	/	/	<=30	Pass
	3780	Inner 1RB Left	22.08	/	/	22.03	/	/	<=30	Pass
		Inner 1RB Right	22.20	/	/	22.15	/	/	<=30	Pass
		Edge 1RB Left	22.25	/	/	22.20	/	/	<=30	Pass
		Edge 1RB Right	22.41	/	/	22.36	/	/	<=30	Pass
		Outer Full	22.29	/	/	22.24	/	/	<=30	Pass
CP-OFDM QPSK	3720	Inner Full	22.24	/	/	22.19	/	/	<=30	Pass
		Inner 1RB Left	22.19	/	/	22.14	/	/	<=30	Pass
		Inner 1RB Right	22.37	/	/	22.32	/	/	<=30	Pass
	3750	Edge 1RB Left	22.92	/	/	22.87	/	/	<=30	Pass
		Edge 1RB Right	23.01	/	/	22.96	/	/	<=30	Pass
		Outer Full	23.45	/	/	23.40	/	/	<=30	Pass
		Inner Full	25.10	/	/	25.05	/	/	<=30	Pass
		Inner 1RB Left	24.81	/	/	24.76	/	/	<=30	Pass
	3780	Inner 1RB Right	25.05	/	/	25.00	/	/	<=30	Pass
		Edge 1RB Left	23.08	/	/	23.03	/	/	<=30	Pass
		Edge 1RB Right	23.24	/	/	23.19	/	/	<=30	Pass
		Outer Full	23.57	/	/	23.52	/	/	<=30	Pass
		Inner Full	25.06	/	/	25.01	/	/	<=30	Pass
CP-OFDM 16 QAM	3720	Inner 1RB Left	25.10	/	/	25.05	/	/	<=30	Pass
		Inner 1RB Right	25.28	/	/	25.23	/	/	<=30	Pass
		Edge 1RB Left	23.51	/	/	23.46	/	/	<=30	Pass
		Edge 1RB Right	23.41	/	/	23.36	/	/	<=30	Pass
		Outer Full	23.74	/	/	23.69	/	/	<=30	Pass
	3750	Inner Full	25.20	/	/	25.15	/	/	<=30	Pass
		Inner 1RB Left	25.42	/	/	25.37	/	/	<=30	Pass
		Inner 1RB Right	25.55	/	/	25.50	/	/	<=30	Pass
		Edge 1RB Left	22.73	/	/	22.68	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	22.74	/	/	<=30	Pass
	3780	Outer Full	23.43	/	/	23.38	/	/	<=30	Pass
		Inner Full	24.58	/	/	24.53	/	/	<=30	Pass
		Inner 1RB Left	24.07	/	/	24.02	/	/	<=30	Pass
		Inner 1RB Right	24.36	/	/	24.31	/	/	<=30	Pass
		Edge 1RB Left	22.88	/	/	22.83	/	/	<=30	Pass
	3750	Edge 1RB Right	23.13	/	/	23.08	/	/	<=30	Pass
		Outer Full	23.48	/	/	23.43	/	/	<=30	Pass
		Inner Full	24.60	/	/	24.55	/	/	<=30	Pass
		Inner 1RB Left	24.48	/	/	24.43	/	/	<=30	Pass
		Inner 1RB Right	24.67	/	/	24.62	/	/	<=30	Pass

	3780	Edge_1RB_Left	23.13	/	/	23.08	/	/	<=30	Pass
		Edge_1RB_Right	23.14	/	/	23.09	/	/	<=30	Pass
		Outer_Full	23.66	/	/	23.61	/	/	<=30	Pass
		Inner_Full	24.64	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Left	24.54	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	24.67	/	/	24.62	/	/	<=30	Pass
CP-OFDM 64 QAM	3720	Edge_1RB_Left	22.84	/	/	22.79	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	22.97	/	/	<=30	Pass
		Outer_Full	23.01	/	/	22.96	/	/	<=30	Pass
		Inner_Full	23.10	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Left	22.85	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Right	23.07	/	/	23.02	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.95	/	/	22.90	/	/	<=30	Pass
		Edge_1RB_Right	23.24	/	/	23.19	/	/	<=30	Pass
		Outer_Full	23.09	/	/	23.04	/	/	<=30	Pass
		Inner_Full	23.03	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Left	23.09	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	23.29	/	/	23.24	/	/	<=30	Pass
	3780	Edge_1RB_Left	23.21	/	/	23.16	/	/	<=30	Pass
		Edge_1RB_Right	23.35	/	/	23.30	/	/	<=30	Pass
		Outer_Full	23.18	/	/	23.13	/	/	<=30	Pass
		Inner_Full	23.20	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	23.40	/	/	<=30	Pass
CP-OFDM 256 QAM	3720	Edge_1RB_Left	19.73	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	20.05	/	/	20.00	/	/	<=30	Pass
		Outer_Full	19.97	/	/	19.92	/	/	<=30	Pass
		Inner_Full	20.07	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Left	19.71	/	/	19.66	/	/	<=30	Pass
		Inner_1RB_Right	19.96	/	/	19.91	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.04	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	20.24	/	/	20.19	/	/	<=30	Pass
		Outer_Full	20.12	/	/	20.07	/	/	<=30	Pass
		Inner_Full	20.05	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Left	20.12	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Right	20.25	/	/	20.20	/	/	<=30	Pass
	3780	Edge_1RB_Left	20.36	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Right	20.44	/	/	20.39	/	/	<=30	Pass
		Outer_Full	20.22	/	/	20.17	/	/	<=30	Pass
		Inner_Full	20.29	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Left	20.29	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Right	20.40	/	/	20.35	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: -0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30_S_50M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2	3725.01	Edge_1RB_Left	22.43	/	/	22.38	/	/	<=30	Pass

BPSK		Edge 1RB Right	22.70	/	/	22.65	/	/	<=30	Pass
		Outer Full	25.64	/	/	25.59	/	/	<=30	Pass
		Inner Full	26.24	/	/	26.19	/	/	<=30	Pass
		Inner 1RB Left	25.78	/	/	25.73	/	/	<=30	Pass
	3750	Inner 1RB Right	26.22	/	/	26.17	/	/	<=30	Pass
		Edge 1RB Left	22.84	/	/	22.79	/	/	<=30	Pass
		Edge 1RB Right	22.73	/	/	22.68	/	/	<=30	Pass
		Outer Full	25.80	/	/	25.75	/	/	<=30	Pass
	3774.99	Inner Full	26.32	/	/	26.27	/	/	<=30	Pass
		Inner 1RB Left	26.18	/	/	26.13	/	/	<=30	Pass
		Inner 1RB Right	26.29	/	/	26.24	/	/	<=30	Pass
		Edge 1RB Left	22.77	/	/	22.72	/	/	<=30	Pass
		Edge 1RB Right	22.85	/	/	22.80	/	/	<=30	Pass
		Outer Full	26.01	/	/	25.96	/	/	<=30	Pass
		Inner Full	26.34	/	/	26.29	/	/	<=30	Pass
		Inner 1RB Left	26.32	/	/	26.27	/	/	<=30	Pass
		Inner 1RB Right	26.35	/	/	26.30	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge 1RB Left	22.36	/	/	22.31	/	/	<=30	Pass
		Edge 1RB Right	22.80	/	/	22.75	/	/	<=30	Pass
		Outer Full	25.14	/	/	25.09	/	/	<=30	Pass
		Inner Full	26.28	/	/	26.23	/	/	<=30	Pass
	3750	Inner 1RB Left	25.72	/	/	25.67	/	/	<=30	Pass
		Inner 1RB Right	26.27	/	/	26.22	/	/	<=30	Pass
		Edge 1RB Left	22.76	/	/	22.71	/	/	<=30	Pass
		Edge 1RB Right	22.76	/	/	22.71	/	/	<=30	Pass
	3774.99	Outer Full	25.38	/	/	25.33	/	/	<=30	Pass
		Inner Full	26.38	/	/	26.33	/	/	<=30	Pass
		Inner 1RB Left	26.15	/	/	26.10	/	/	<=30	Pass
		Inner 1RB Right	26.20	/	/	26.15	/	/	<=30	Pass
		Edge 1RB Left	22.91	/	/	22.86	/	/	<=30	Pass
		Edge 1RB Right	22.75	/	/	22.70	/	/	<=30	Pass
		Outer Full	25.50	/	/	25.45	/	/	<=30	Pass
		Inner Full	26.46	/	/	26.41	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Inner 1RB Left	26.37	/	/	26.32	/	/	<=30	Pass
		Inner 1RB Right	26.26	/	/	26.21	/	/	<=30	Pass
		Edge 1RB Left	22.23	/	/	22.18	/	/	<=30	Pass
		Edge 1RB Right	22.73	/	/	22.68	/	/	<=30	Pass
	3750	Outer Full	24.10	/	/	24.05	/	/	<=30	Pass
		Inner Full	25.28	/	/	25.23	/	/	<=30	Pass
		Inner 1RB Left	24.78	/	/	24.73	/	/	<=30	Pass
		Inner 1RB Right	25.19	/	/	25.14	/	/	<=30	Pass
	3774.99	Edge 1RB Left	22.68	/	/	22.63	/	/	<=30	Pass
		Edge 1RB Right	22.58	/	/	22.53	/	/	<=30	Pass
		Outer Full	24.34	/	/	24.29	/	/	<=30	Pass
		Inner Full	25.34	/	/	25.29	/	/	<=30	Pass
		Inner 1RB Left	25.05	/	/	25.00	/	/	<=30	Pass
		Inner 1RB Right	25.17	/	/	25.12	/	/	<=30	Pass
		Edge 1RB Left	22.83	/	/	22.78	/	/	<=30	Pass
		Edge 1RB Right	22.81	/	/	22.76	/	/	<=30	Pass
		Outer Full	24.47	/	/	24.42	/	/	<=30	Pass
		Inner Full	25.47	/	/	25.42	/	/	<=30	Pass
		Inner 1RB Left	25.23	/	/	25.18	/	/	<=30	Pass
		Inner 1RB Right	25.21	/	/	25.16	/	/	<=30	Pass

DFT-s-OFDM 64 QAM	3725.01	Edge_1RB_Left	22.38	/	/	22.33	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	22.92	/	/	<=30	Pass
		Outer_Full	23.62	/	/	23.57	/	/	<=30	Pass
		Inner_Full	23.87	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	23.96	/	/	23.91	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.81	/	/	22.76	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	22.63	/	/	<=30	Pass
		Outer_Full	23.82	/	/	23.77	/	/	<=30	Pass
		Inner_Full	23.88	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Right	23.65	/	/	23.60	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	23.00	/	/	22.95	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	22.86	/	/	<=30	Pass
		Outer_Full	24.03	/	/	23.98	/	/	<=30	Pass
		Inner_Full	23.98	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Left	23.93	/	/	23.88	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	23.84	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge_1RB_Left	21.34	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	21.79	/	/	<=30	Pass
		Outer_Full	21.75	/	/	21.70	/	/	<=30	Pass
		Inner_Full	21.80	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Left	21.28	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Right	21.63	/	/	21.58	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.72	/	/	21.67	/	/	<=30	Pass
		Edge_1RB_Right	21.65	/	/	21.60	/	/	<=30	Pass
		Outer_Full	21.81	/	/	21.76	/	/	<=30	Pass
		Inner_Full	21.78	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Left	21.83	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Right	21.74	/	/	21.69	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	21.79	/	/	21.74	/	/	<=30	Pass
		Edge_1RB_Right	21.85	/	/	21.80	/	/	<=30	Pass
		Outer_Full	21.94	/	/	21.89	/	/	<=30	Pass
		Inner_Full	21.96	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Left	21.95	/	/	21.90	/	/	<=30	Pass
		Inner_1RB_Right	21.79	/	/	21.74	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge_1RB_Left	22.45	/	/	22.40	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	22.85	/	/	<=30	Pass
		Outer_Full	23.23	/	/	23.18	/	/	<=30	Pass
		Inner_Full	24.78	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Left	24.36	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Right	24.83	/	/	24.78	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.84	/	/	22.79	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	22.71	/	/	<=30	Pass
		Outer_Full	23.27	/	/	23.22	/	/	<=30	Pass
		Inner_Full	24.91	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Left	24.93	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Right	24.85	/	/	24.80	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.92	/	/	22.87	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	22.91	/	/	<=30	Pass
		Outer_Full	23.45	/	/	23.40	/	/	<=30	Pass
		Inner_Full	24.94	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Left	24.97	/	/	24.92	/	/	<=30	Pass

		Inner 1RB Right	24.93	/	/	24.88	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Edge 1RB Left	22.19	/	/	22.14	/	/	<=30	Pass
		Edge 1RB Right	22.73	/	/	22.68	/	/	<=30	Pass
		Outer Full	23.17	/	/	23.12	/	/	<=30	Pass
		Inner Full	24.30	/	/	24.25	/	/	<=30	Pass
		Inner 1RB Left	23.72	/	/	23.67	/	/	<=30	Pass
		Inner 1RB Right	24.18	/	/	24.13	/	/	<=30	Pass
	3750	Edge 1RB Left	22.65	/	/	22.60	/	/	<=30	Pass
		Edge 1RB Right	22.60	/	/	22.55	/	/	<=30	Pass
		Outer Full	23.24	/	/	23.19	/	/	<=30	Pass
		Inner Full	24.35	/	/	24.30	/	/	<=30	Pass
		Inner 1RB Left	24.10	/	/	24.05	/	/	<=30	Pass
		Inner 1RB Right	24.18	/	/	24.13	/	/	<=30	Pass
	3774.99	Edge 1RB Left	22.81	/	/	22.76	/	/	<=30	Pass
		Edge 1RB Right	22.80	/	/	22.75	/	/	<=30	Pass
		Outer Full	23.42	/	/	23.37	/	/	<=30	Pass
		Inner Full	24.44	/	/	24.39	/	/	<=30	Pass
		Inner 1RB Left	24.26	/	/	24.21	/	/	<=30	Pass
		Inner 1RB Right	24.32	/	/	24.27	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Edge 1RB Left	22.41	/	/	22.36	/	/	<=30	Pass
		Edge 1RB Right	22.91	/	/	22.86	/	/	<=30	Pass
		Outer Full	22.62	/	/	22.57	/	/	<=30	Pass
		Inner Full	22.70	/	/	22.65	/	/	<=30	Pass
		Inner 1RB Left	22.32	/	/	22.27	/	/	<=30	Pass
		Inner 1RB Right	22.92	/	/	22.87	/	/	<=30	Pass
	3750	Edge 1RB Left	22.78	/	/	22.73	/	/	<=30	Pass
		Edge 1RB Right	22.74	/	/	22.69	/	/	<=30	Pass
		Outer Full	22.83	/	/	22.78	/	/	<=30	Pass
		Inner Full	22.90	/	/	22.85	/	/	<=30	Pass
		Inner 1RB Left	22.67	/	/	22.62	/	/	<=30	Pass
		Inner 1RB Right	22.73	/	/	22.68	/	/	<=30	Pass
	3774.99	Edge 1RB Left	23.09	/	/	23.04	/	/	<=30	Pass
		Edge 1RB Right	22.91	/	/	22.86	/	/	<=30	Pass
		Outer Full	22.89	/	/	22.84	/	/	<=30	Pass
		Inner Full	22.98	/	/	22.93	/	/	<=30	Pass
		Inner 1RB Left	23.03	/	/	22.98	/	/	<=30	Pass
		Inner 1RB Right	22.98	/	/	22.93	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Edge 1RB Left	19.40	/	/	19.35	/	/	<=30	Pass
		Edge 1RB Right	19.77	/	/	19.72	/	/	<=30	Pass
		Outer Full	19.70	/	/	19.65	/	/	<=30	Pass
		Inner Full	19.75	/	/	19.70	/	/	<=30	Pass
		Inner 1RB Left	19.38	/	/	19.33	/	/	<=30	Pass
		Inner 1RB Right	19.75	/	/	19.70	/	/	<=30	Pass
	3750	Edge 1RB Left	19.74	/	/	19.69	/	/	<=30	Pass
		Edge 1RB Right	19.77	/	/	19.72	/	/	<=30	Pass
		Outer Full	19.88	/	/	19.83	/	/	<=30	Pass
		Inner Full	19.85	/	/	19.80	/	/	<=30	Pass
		Inner 1RB Left	19.79	/	/	19.74	/	/	<=30	Pass
		Inner 1RB Right	19.75	/	/	19.70	/	/	<=30	Pass
	3774.99	Edge 1RB Left	19.97	/	/	19.92	/	/	<=30	Pass
		Edge 1RB Right	19.89	/	/	19.84	/	/	<=30	Pass
		Outer Full	19.91	/	/	19.86	/	/	<=30	Pass
		Inner Full	19.86	/	/	19.81	/	/	<=30	Pass

		Inner_1RB_Left	20.03	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Right	19.94	/	/	19.89	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: -0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30_S_60M_NTNV_EIRP

5G NR n78a 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	3730.02	Edge_1RB_Left	22.37	/	/	22.32	/	/	<=30	Pass
		Edge_1RB_Right	23.10	/	/	23.05	/	/	<=30	Pass
		Outer_Full	25.81	/	/	25.76	/	/	<=30	Pass
		Inner_Full	26.26	/	/	26.21	/	/	<=30	Pass
		Inner_1RB_Left	25.93	/	/	25.88	/	/	<=30	Pass
		Inner_1RB_Right	26.33	/	/	26.28	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.82	/	/	22.77	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	22.82	/	/	<=30	Pass
		Outer_Full	25.88	/	/	25.83	/	/	<=30	Pass
		Inner_Full	26.29	/	/	26.24	/	/	<=30	Pass
		Inner_1RB_Left	26.26	/	/	26.21	/	/	<=30	Pass
		Inner_1RB_Right	26.28	/	/	26.23	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.59	/	/	22.54	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	22.99	/	/	<=30	Pass
		Outer_Full	26.01	/	/	25.96	/	/	<=30	Pass
		Inner_Full	26.51	/	/	26.46	/	/	<=30	Pass
		Inner_1RB_Left	26.03	/	/	25.98	/	/	<=30	Pass
		Inner_1RB_Right	26.46	/	/	26.41	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Edge_1RB_Left	22.23	/	/	22.18	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	22.82	/	/	<=30	Pass
		Outer_Full	25.26	/	/	25.21	/	/	<=30	Pass
		Inner_Full	26.21	/	/	26.16	/	/	<=30	Pass
		Inner_1RB_Left	25.87	/	/	25.82	/	/	<=30	Pass
		Inner_1RB_Right	26.38	/	/	26.33	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.75	/	/	22.70	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	22.69	/	/	<=30	Pass
		Outer_Full	25.35	/	/	25.30	/	/	<=30	Pass
		Inner_Full	26.27	/	/	26.22	/	/	<=30	Pass
		Inner_1RB_Left	26.23	/	/	26.18	/	/	<=30	Pass
		Inner_1RB_Right	26.27	/	/	26.22	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.57	/	/	22.52	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	22.90	/	/	<=30	Pass
		Outer_Full	25.44	/	/	25.39	/	/	<=30	Pass
		Inner_Full	26.43	/	/	26.38	/	/	<=30	Pass
		Inner_1RB_Left	26.01	/	/	25.96	/	/	<=30	Pass
		Inner_1RB_Right	26.50	/	/	26.45	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge_1RB_Left	22.25	/	/	22.20	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	22.80	/	/	<=30	Pass
		Outer_Full	24.35	/	/	24.30	/	/	<=30	Pass
		Inner_Full	25.28	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	24.72	/	/	<=30	Pass

	3750	Inner 1RB Right	25.33	/	/	25.28	/	/	<=30	Pass
		Edge 1RB Left	22.68	/	/	22.63	/	/	<=30	Pass
		Edge 1RB Right	22.85	/	/	22.80	/	/	<=30	Pass
		Outer Full	24.40	/	/	24.35	/	/	<=30	Pass
		Inner Full	25.38	/	/	25.33	/	/	<=30	Pass
		Inner 1RB Left	25.23	/	/	25.18	/	/	<=30	Pass
		Inner 1RB Right	25.41	/	/	25.36	/	/	<=30	Pass
	3769.98	Edge 1RB Left	22.60	/	/	22.55	/	/	<=30	Pass
		Edge 1RB Right	22.87	/	/	22.82	/	/	<=30	Pass
		Outer Full	24.55	/	/	24.50	/	/	<=30	Pass
		Inner Full	25.48	/	/	25.43	/	/	<=30	Pass
		Inner 1RB Left	25.00	/	/	24.95	/	/	<=30	Pass
		Inner 1RB Right	25.43	/	/	25.38	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Edge 1RB Left	22.40	/	/	22.35	/	/	<=30	Pass
		Edge 1RB Right	22.95	/	/	22.90	/	/	<=30	Pass
		Outer Full	23.73	/	/	23.68	/	/	<=30	Pass
		Inner Full	23.80	/	/	23.75	/	/	<=30	Pass
		Inner 1RB Left	23.44	/	/	23.39	/	/	<=30	Pass
		Inner 1RB Right	23.93	/	/	23.88	/	/	<=30	Pass
	3750	Edge 1RB Left	22.85	/	/	22.80	/	/	<=30	Pass
		Edge 1RB Right	22.99	/	/	22.94	/	/	<=30	Pass
		Outer Full	23.85	/	/	23.80	/	/	<=30	Pass
		Inner Full	23.92	/	/	23.87	/	/	<=30	Pass
		Inner 1RB Left	23.82	/	/	23.77	/	/	<=30	Pass
		Inner 1RB Right	23.96	/	/	23.91	/	/	<=30	Pass
	3769.98	Edge 1RB Left	22.72	/	/	22.67	/	/	<=30	Pass
		Edge 1RB Right	23.03	/	/	22.98	/	/	<=30	Pass
		Outer Full	23.89	/	/	23.84	/	/	<=30	Pass
		Inner Full	23.94	/	/	23.89	/	/	<=30	Pass
		Inner 1RB Left	23.64	/	/	23.59	/	/	<=30	Pass
		Inner 1RB Right	24.06	/	/	24.01	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Edge 1RB Left	21.31	/	/	21.26	/	/	<=30	Pass
		Edge 1RB Right	21.92	/	/	21.87	/	/	<=30	Pass
		Outer Full	21.74	/	/	21.69	/	/	<=30	Pass
		Inner Full	21.81	/	/	21.76	/	/	<=30	Pass
		Inner 1RB Left	21.28	/	/	21.23	/	/	<=30	Pass
		Inner 1RB Right	21.88	/	/	21.83	/	/	<=30	Pass
	3750	Edge 1RB Left	21.67	/	/	21.62	/	/	<=30	Pass
		Edge 1RB Right	21.87	/	/	21.82	/	/	<=30	Pass
		Outer Full	21.76	/	/	21.71	/	/	<=30	Pass
		Inner Full	21.90	/	/	21.85	/	/	<=30	Pass
		Inner 1RB Left	21.73	/	/	21.68	/	/	<=30	Pass
		Inner 1RB Right	21.85	/	/	21.80	/	/	<=30	Pass
	3769.98	Edge 1RB Left	21.62	/	/	21.57	/	/	<=30	Pass
		Edge 1RB Right	21.97	/	/	21.92	/	/	<=30	Pass
		Outer Full	22.03	/	/	21.98	/	/	<=30	Pass
		Inner Full	21.95	/	/	21.90	/	/	<=30	Pass
		Inner 1RB Left	21.66	/	/	21.61	/	/	<=30	Pass
		Inner 1RB Right	22.14	/	/	22.09	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Edge 1RB Left	22.40	/	/	22.35	/	/	<=30	Pass
		Edge 1RB Right	22.94	/	/	22.89	/	/	<=30	Pass
		Outer Full	23.24	/	/	23.19	/	/	<=30	Pass
		Inner Full	24.81	/	/	24.76	/	/	<=30	Pass

		Inner_1RB_Left	24.39	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Right	24.90	/	/	24.85	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.92	/	/	22.87	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	22.92	/	/	<=30	Pass
		Outer_Full	23.34	/	/	23.29	/	/	<=30	Pass
		Inner_Full	24.84	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Right	24.87	/	/	24.82	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.65	/	/	22.60	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	22.97	/	/	<=30	Pass
		Outer_Full	23.41	/	/	23.36	/	/	<=30	Pass
		Inner_Full	24.99	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Left	24.65	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Right	24.93	/	/	24.88	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge_1RB_Left	22.44	/	/	22.39	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	23.00	/	/	<=30	Pass
		Outer_Full	23.29	/	/	23.24	/	/	<=30	Pass
		Inner_Full	24.30	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Right	24.36	/	/	24.31	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.76	/	/	22.71	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	22.69	/	/	<=30	Pass
		Outer_Full	23.40	/	/	23.35	/	/	<=30	Pass
		Inner_Full	24.40	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Right	24.19	/	/	24.14	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.60	/	/	22.55	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	22.96	/	/	<=30	Pass
		Outer_Full	23.46	/	/	23.41	/	/	<=30	Pass
		Inner_Full	24.51	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Left	24.02	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Right	24.35	/	/	24.30	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Edge_1RB_Left	22.46	/	/	22.41	/	/	<=30	Pass
		Edge_1RB_Right	23.11	/	/	23.06	/	/	<=30	Pass
		Outer_Full	22.78	/	/	22.73	/	/	<=30	Pass
		Inner_Full	22.84	/	/	22.79	/	/	<=30	Pass
		Inner_1RB_Left	22.58	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	22.91	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.79	/	/	22.74	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	22.82	/	/	<=30	Pass
		Outer_Full	22.91	/	/	22.86	/	/	<=30	Pass
		Inner_Full	22.89	/	/	22.84	/	/	<=30	Pass
		Inner_1RB_Left	22.83	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Right	22.79	/	/	22.74	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.63	/	/	22.58	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	22.97	/	/	<=30	Pass
		Outer_Full	23.00	/	/	22.95	/	/	<=30	Pass
		Inner_Full	23.00	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Left	22.65	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Right	23.06	/	/	23.01	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Edge_1RB_Left	19.41	/	/	19.36	/	/	<=30	Pass
		Edge_1RB_Right	19.92	/	/	19.87	/	/	<=30	Pass
		Outer_Full	19.82	/	/	19.77	/	/	<=30	Pass

		Inner_Full	19.73	/	/	19.68	/	/	<=30	Pass
		Inner_1RB_Left	19.41	/	/	19.36	/	/	<=30	Pass
		Inner_1RB_Right	19.92	/	/	19.87	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.83	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	19.91	/	/	19.86	/	/	<=30	Pass
		Outer_Full	19.76	/	/	19.71	/	/	<=30	Pass
		Inner_Full	19.76	/	/	19.71	/	/	<=30	Pass
		Inner_1RB_Left	19.91	/	/	19.86	/	/	<=30	Pass
		Inner_1RB_Right	19.76	/	/	19.71	/	/	<=30	Pass
		3769.98	Edge_1RB_Left	19.64	/	/	19.59	/	/	<=30
	Edge_1RB_Right		20.08	/	/	20.03	/	/	<=30	Pass
	Outer_Full		20.01	/	/	19.96	/	/	<=30	Pass
	Inner_Full		19.92	/	/	19.87	/	/	<=30	Pass
	Inner_1RB_Left		19.51	/	/	19.46	/	/	<=30	Pass
	Inner_1RB_Right		20.05	/	/	20.00	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: -0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30_S_70M_NTNV_EIRP

5G NR n78a 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	3735	Edge 1RB Left	22.30	/	/	22.25	/	/	<=30	Pass
		Edge 1RB Right	22.88	/	/	22.83	/	/	<=30	Pass
		Outer Full	25.76	/	/	25.71	/	/	<=30	Pass
		Inner Full	26.23	/	/	26.18	/	/	<=30	Pass
		Inner 1RB Left	25.84	/	/	25.79	/	/	<=30	Pass
		Inner 1RB Right	26.48	/	/	26.43	/	/	<=30	Pass
	3750	Edge 1RB Left	22.81	/	/	22.76	/	/	<=30	Pass
		Edge 1RB Right	22.83	/	/	22.78	/	/	<=30	Pass
		Outer Full	25.79	/	/	25.74	/	/	<=30	Pass
		Inner Full	26.29	/	/	26.24	/	/	<=30	Pass
		Inner 1RB Left	26.24	/	/	26.19	/	/	<=30	Pass
		Inner 1RB Right	26.35	/	/	26.30	/	/	<=30	Pass
	3765	Edge 1RB Left	22.61	/	/	22.56	/	/	<=30	Pass
		Edge 1RB Right	23.09	/	/	23.04	/	/	<=30	Pass
		Outer Full	25.93	/	/	25.88	/	/	<=30	Pass
		Inner Full	26.49	/	/	26.44	/	/	<=30	Pass
		Inner 1RB Left	26.14	/	/	26.09	/	/	<=30	Pass
		Inner 1RB Right	26.56	/	/	26.51	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Edge 1RB Left	22.28	/	/	22.23	/	/	<=30	Pass
		Edge 1RB Right	22.80	/	/	22.75	/	/	<=30	Pass
		Outer Full	25.27	/	/	25.22	/	/	<=30	Pass
		Inner Full	26.31	/	/	26.26	/	/	<=30	Pass
		Inner 1RB Left	25.84	/	/	25.79	/	/	<=30	Pass
		Inner 1RB Right	26.37	/	/	26.32	/	/	<=30	Pass
	3750	Edge 1RB Left	22.81	/	/	22.76	/	/	<=30	Pass
		Edge 1RB Right	22.86	/	/	22.81	/	/	<=30	Pass
		Outer Full	25.31	/	/	25.26	/	/	<=30	Pass
		Inner Full	26.33	/	/	26.28	/	/	<=30	Pass

		Inner_1RB_Left	26.22	/	/	26.17	/	/	<=30	Pass
		Inner_1RB_Right	26.37	/	/	26.32	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.50	/	/	22.45	/	/	<=30	Pass
		Edge_1RB_Right	23.03	/	/	22.98	/	/	<=30	Pass
		Outer_Full	25.48	/	/	25.43	/	/	<=30	Pass
		Inner_Full	26.39	/	/	26.34	/	/	<=30	Pass
		Inner_1RB_Left	26.01	/	/	25.96	/	/	<=30	Pass
		Inner_1RB_Right	26.53	/	/	26.48	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge_1RB_Left	22.26	/	/	22.21	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	22.65	/	/	<=30	Pass
		Outer_Full	24.28	/	/	24.23	/	/	<=30	Pass
		Inner_Full	25.23	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Right	25.22	/	/	25.17	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.69	/	/	22.64	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	22.62	/	/	<=30	Pass
		Outer_Full	24.35	/	/	24.30	/	/	<=30	Pass
		Inner_Full	25.23	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Left	25.12	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Right	25.23	/	/	25.18	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.40	/	/	22.35	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	22.96	/	/	<=30	Pass
		Outer_Full	24.37	/	/	24.32	/	/	<=30	Pass
		Inner_Full	25.43	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Left	25.09	/	/	25.04	/	/	<=30	Pass
		Inner_1RB_Right	25.61	/	/	25.56	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge_1RB_Left	22.32	/	/	22.27	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	22.81	/	/	<=30	Pass
		Outer_Full	23.89	/	/	23.84	/	/	<=30	Pass
		Inner_Full	23.83	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Right	23.92	/	/	23.87	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.81	/	/	22.76	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	22.86	/	/	<=30	Pass
		Outer_Full	23.83	/	/	23.78	/	/	<=30	Pass
		Inner_Full	23.85	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Left	23.70	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Right	23.95	/	/	23.90	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.60	/	/	22.55	/	/	<=30	Pass
		Edge_1RB_Right	23.10	/	/	23.05	/	/	<=30	Pass
		Outer_Full	23.91	/	/	23.86	/	/	<=30	Pass
		Inner_Full	24.00	/	/	23.95	/	/	<=30	Pass
		Inner_1RB_Left	23.58	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Right	24.03	/	/	23.98	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Edge_1RB_Left	21.27	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	21.83	/	/	21.78	/	/	<=30	Pass
		Outer_Full	21.76	/	/	21.71	/	/	<=30	Pass
		Inner_Full	21.69	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Left	21.27	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Right	22.00	/	/	21.95	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.75	/	/	21.70	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	21.88	/	/	<=30	Pass
		Outer_Full	21.83	/	/	21.78	/	/	<=30	Pass

		Inner Full	21.86	/	/	21.81	/	/	<=30	Pass
		Inner 1RB Left	21.75	/	/	21.70	/	/	<=30	Pass
		Inner 1RB Right	21.93	/	/	21.88	/	/	<=30	Pass
	3765	Edge 1RB Left	21.46	/	/	21.41	/	/	<=30	Pass
		Edge 1RB Right	22.15	/	/	22.10	/	/	<=30	Pass
		Outer Full	22.00	/	/	21.95	/	/	<=30	Pass
		Inner Full	21.89	/	/	21.84	/	/	<=30	Pass
		Inner 1RB Left	21.55	/	/	21.50	/	/	<=30	Pass
		Inner 1RB Right	22.08	/	/	22.03	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge 1RB Left	22.41	/	/	22.36	/	/	<=30	Pass
		Edge 1RB Right	22.90	/	/	22.85	/	/	<=30	Pass
		Outer Full	23.28	/	/	23.23	/	/	<=30	Pass
		Inner Full	24.81	/	/	24.76	/	/	<=30	Pass
		Inner 1RB Left	24.51	/	/	24.46	/	/	<=30	Pass
		Inner 1RB Right	25.01	/	/	24.96	/	/	<=30	Pass
	3750	Edge 1RB Left	22.80	/	/	22.75	/	/	<=30	Pass
		Edge 1RB Right	22.95	/	/	22.90	/	/	<=30	Pass
		Outer Full	23.43	/	/	23.38	/	/	<=30	Pass
		Inner Full	24.80	/	/	24.75	/	/	<=30	Pass
		Inner 1RB Left	24.87	/	/	24.82	/	/	<=30	Pass
		Inner 1RB Right	24.98	/	/	24.93	/	/	<=30	Pass
	3765	Edge 1RB Left	22.66	/	/	22.61	/	/	<=30	Pass
		Edge 1RB Right	23.15	/	/	23.10	/	/	<=30	Pass
		Outer Full	23.33	/	/	23.28	/	/	<=30	Pass
		Inner Full	24.90	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Left	24.76	/	/	24.71	/	/	<=30	Pass
		Inner 1RB Right	25.25	/	/	25.20	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge 1RB Left	22.26	/	/	22.21	/	/	<=30	Pass
		Edge 1RB Right	22.75	/	/	22.70	/	/	<=30	Pass
		Outer Full	23.29	/	/	23.24	/	/	<=30	Pass
		Inner Full	24.27	/	/	24.22	/	/	<=30	Pass
		Inner 1RB Left	23.84	/	/	23.79	/	/	<=30	Pass
		Inner 1RB Right	24.30	/	/	24.25	/	/	<=30	Pass
	3750	Edge 1RB Left	22.63	/	/	22.58	/	/	<=30	Pass
		Edge 1RB Right	22.69	/	/	22.64	/	/	<=30	Pass
		Outer Full	23.36	/	/	23.31	/	/	<=30	Pass
		Inner Full	24.29	/	/	24.24	/	/	<=30	Pass
		Inner 1RB Left	24.08	/	/	24.03	/	/	<=30	Pass
		Inner 1RB Right	24.27	/	/	24.22	/	/	<=30	Pass
	3765	Edge 1RB Left	22.41	/	/	22.36	/	/	<=30	Pass
		Edge 1RB Right	23.01	/	/	22.96	/	/	<=30	Pass
		Outer Full	23.41	/	/	23.36	/	/	<=30	Pass
		Inner Full	24.48	/	/	24.43	/	/	<=30	Pass
		Inner 1RB Left	24.01	/	/	23.96	/	/	<=30	Pass
		Inner 1RB Right	24.54	/	/	24.49	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge 1RB Left	22.42	/	/	22.37	/	/	<=30	Pass
		Edge 1RB Right	22.85	/	/	22.80	/	/	<=30	Pass
		Outer Full	22.83	/	/	22.78	/	/	<=30	Pass
		Inner Full	22.91	/	/	22.86	/	/	<=30	Pass
		Inner 1RB Left	22.38	/	/	22.33	/	/	<=30	Pass
		Inner 1RB Right	22.91	/	/	22.86	/	/	<=30	Pass
	3750	Edge 1RB Left	22.76	/	/	22.71	/	/	<=30	Pass
		Edge 1RB Right	22.95	/	/	22.90	/	/	<=30	Pass

		Outer_Full	22.88	/	/	22.83	/	/	<=30	Pass
		Inner_Full	22.88	/	/	22.83	/	/	<=30	Pass
CP-OFDM 256 QAM	3765	Inner_1RB_Left	22.83	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Right	22.90	/	/	22.85	/	/	<=30	Pass
		Edge_1RB_Left	22.55	/	/	22.50	/	/	<=30	Pass
		Edge_1RB_Right	23.14	/	/	23.09	/	/	<=30	Pass
	3735	Outer_Full	22.94	/	/	22.89	/	/	<=30	Pass
		Inner_Full	22.97	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Left	22.65	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	23.09	/	/	<=30	Pass
		Edge_1RB_Left	19.36	/	/	19.31	/	/	<=30	Pass
		Edge_1RB_Right	19.97	/	/	19.92	/	/	<=30	Pass
		Outer_Full	19.85	/	/	19.80	/	/	<=30	Pass
		Inner_Full	19.86	/	/	19.81	/	/	<=30	Pass
	3750	Inner_1RB_Left	19.39	/	/	19.34	/	/	<=30	Pass
		Inner_1RB_Right	20.06	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Left	19.72	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	19.85	/	/	19.80	/	/	<=30	Pass
		Outer_Full	19.88	/	/	19.83	/	/	<=30	Pass
		Inner_Full	19.91	/	/	19.86	/	/	<=30	Pass
		Inner_1RB_Left	19.74	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Right	19.86	/	/	19.81	/	/	<=30	Pass
	3765	Edge_1RB_Left	19.57	/	/	19.52	/	/	<=30	Pass
		Edge_1RB_Right	20.18	/	/	20.13	/	/	<=30	Pass
		Outer_Full	20.04	/	/	19.99	/	/	<=30	Pass
		Inner_Full	20.02	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Left	19.67	/	/	19.62	/	/	<=30	Pass
		Inner_1RB_Right	20.17	/	/	20.12	/	/	<=30	Pass

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

1.1.7 30_S_80M_NTNV_EIRP

5G NR n78a 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	3740.01	Edge_1RB_Left	22.39	/	/	22.34	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	22.77	/	/	<=30	Pass
		Outer_Full	25.80	/	/	25.75	/	/	<=30	Pass
		Inner_Full	26.33	/	/	26.28	/	/	<=30	Pass
		Inner_1RB_Left	25.91	/	/	25.86	/	/	<=30	Pass
		Inner_1RB_Right	26.37	/	/	26.32	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.56	/	/	22.51	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	22.93	/	/	<=30	Pass
		Outer_Full	25.94	/	/	25.89	/	/	<=30	Pass
		Inner_Full	26.28	/	/	26.23	/	/	<=30	Pass
		Inner_1RB_Left	26.16	/	/	26.11	/	/	<=30	Pass
		Inner_1RB_Right	26.50	/	/	26.45	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.77	/	/	22.72	/	/	<=30	Pass
		Edge_1RB_Right	23.06	/	/	23.01	/	/	<=30	Pass
		Outer_Full	25.84	/	/	25.79	/	/	<=30	Pass

DFT-s-OFDM QPSK		Inner Full	26.43	/	/	26.38	/	/	<=30	Pass
		Inner 1RB Left	26.39	/	/	26.34	/	/	<=30	Pass
		Inner 1RB Right	26.55	/	/	26.50	/	/	<=30	Pass
	3740.01	Edge 1RB Left	22.47	/	/	22.42	/	/	<=30	Pass
		Edge 1RB Right	22.82	/	/	22.77	/	/	<=30	Pass
		Outer Full	25.33	/	/	25.28	/	/	<=30	Pass
		Inner Full	26.35	/	/	26.30	/	/	<=30	Pass
		Inner 1RB Left	25.94	/	/	25.89	/	/	<=30	Pass
		Inner 1RB Right	26.19	/	/	26.14	/	/	<=30	Pass
	3750	Edge 1RB Left	22.64	/	/	22.59	/	/	<=30	Pass
		Edge 1RB Right	23.17	/	/	23.12	/	/	<=30	Pass
		Outer Full	25.34	/	/	25.29	/	/	<=30	Pass
		Inner Full	26.26	/	/	26.21	/	/	<=30	Pass
		Inner 1RB Left	26.13	/	/	26.08	/	/	<=30	Pass
		Inner 1RB Right	26.44	/	/	26.39	/	/	<=30	Pass
	3759.99	Edge 1RB Left	22.79	/	/	22.74	/	/	<=30	Pass
		Edge 1RB Right	22.97	/	/	22.92	/	/	<=30	Pass
		Outer Full	25.46	/	/	25.41	/	/	<=30	Pass
		Inner Full	26.43	/	/	26.38	/	/	<=30	Pass
		Inner 1RB Left	26.27	/	/	26.22	/	/	<=30	Pass
		Inner 1RB Right	26.49	/	/	26.44	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge 1RB Left	22.27	/	/	22.22	/	/	<=30	Pass
		Edge 1RB Right	22.81	/	/	22.76	/	/	<=30	Pass
		Outer Full	24.31	/	/	24.26	/	/	<=30	Pass
		Inner Full	25.30	/	/	25.25	/	/	<=30	Pass
		Inner 1RB Left	24.81	/	/	24.76	/	/	<=30	Pass
		Inner 1RB Right	25.19	/	/	25.14	/	/	<=30	Pass
	3750	Edge 1RB Left	22.57	/	/	22.52	/	/	<=30	Pass
		Edge 1RB Right	22.91	/	/	22.86	/	/	<=30	Pass
		Outer Full	24.35	/	/	24.30	/	/	<=30	Pass
		Inner Full	25.34	/	/	25.29	/	/	<=30	Pass
		Inner 1RB Left	24.95	/	/	24.90	/	/	<=30	Pass
		Inner 1RB Right	25.35	/	/	25.30	/	/	<=30	Pass
	3759.99	Edge 1RB Left	22.59	/	/	22.54	/	/	<=30	Pass
		Edge 1RB Right	22.80	/	/	22.75	/	/	<=30	Pass
		Outer Full	24.41	/	/	24.36	/	/	<=30	Pass
		Inner Full	25.50	/	/	25.45	/	/	<=30	Pass
		Inner 1RB Left	25.07	/	/	25.02	/	/	<=30	Pass
		Inner 1RB Right	25.36	/	/	25.31	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Edge 1RB Left	22.50	/	/	22.45	/	/	<=30	Pass
		Edge 1RB Right	22.82	/	/	22.77	/	/	<=30	Pass
		Outer Full	23.80	/	/	23.75	/	/	<=30	Pass
		Inner Full	23.84	/	/	23.79	/	/	<=30	Pass
		Inner 1RB Left	23.43	/	/	23.38	/	/	<=30	Pass
		Inner 1RB Right	23.83	/	/	23.78	/	/	<=30	Pass
	3750	Edge 1RB Left	22.63	/	/	22.58	/	/	<=30	Pass
		Edge 1RB Right	23.00	/	/	22.95	/	/	<=30	Pass
		Outer Full	23.88	/	/	23.83	/	/	<=30	Pass
		Inner Full	23.85	/	/	23.80	/	/	<=30	Pass
		Inner 1RB Left	23.65	/	/	23.60	/	/	<=30	Pass
		Inner 1RB Right	24.01	/	/	23.96	/	/	<=30	Pass
	3759.99	Edge 1RB Left	22.84	/	/	22.79	/	/	<=30	Pass
		Edge 1RB Right	23.01	/	/	22.96	/	/	<=30	Pass

DFT-s-OFDM 256 QAM	3740.01	Outer_Full	23.98	/	/	23.93	/	/	<=30	Pass
		Inner_Full	23.90	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Right	24.02	/	/	23.97	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.35	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	21.65	/	/	<=30	Pass
		Outer_Full	21.75	/	/	21.70	/	/	<=30	Pass
		Inner_Full	21.79	/	/	21.74	/	/	<=30	Pass
	3759.99	Inner_1RB_Left	21.50	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Right	21.69	/	/	21.64	/	/	<=30	Pass
		Edge_1RB_Left	21.61	/	/	21.56	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	21.91	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Outer_Full	21.81	/	/	21.76	/	/	<=30	Pass
		Inner_Full	21.78	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Right	21.96	/	/	21.91	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.72	/	/	21.67	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	21.95	/	/	<=30	Pass
		Outer_Full	22.02	/	/	21.97	/	/	<=30	Pass
		Inner_Full	22.02	/	/	21.97	/	/	<=30	Pass
	3759.99	Inner_1RB_Left	21.79	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Right	21.95	/	/	21.90	/	/	<=30	Pass
		Edge_1RB_Left	22.44	/	/	22.39	/	/	<=30	Pass
		Edge_1RB_Right	23.00	/	/	22.95	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Outer_Full	23.30	/	/	23.25	/	/	<=30	Pass
		Inner_Full	24.87	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Left	24.56	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Right	24.89	/	/	24.84	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.71	/	/	22.66	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	23.02	/	/	<=30	Pass
		Outer_Full	23.43	/	/	23.38	/	/	<=30	Pass
		Inner_Full	24.76	/	/	24.71	/	/	<=30	Pass
	3759.99	Inner_1RB_Left	24.70	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Right	25.02	/	/	24.97	/	/	<=30	Pass
		Edge_1RB_Left	22.94	/	/	22.89	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	22.92	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Outer_Full	23.40	/	/	23.35	/	/	<=30	Pass
		Inner_Full	24.98	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Left	24.93	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Right	25.13	/	/	25.08	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.33	/	/	22.28	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	22.66	/	/	<=30	Pass
		Outer_Full	23.31	/	/	23.26	/	/	<=30	Pass
		Inner_Full	24.29	/	/	24.24	/	/	<=30	Pass
	3759.99	Inner_1RB_Left	23.78	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Right	24.03	/	/	23.98	/	/	<=30	Pass
		Edge_1RB_Left	22.50	/	/	22.45	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	22.86	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Outer_Full	23.38	/	/	23.33	/	/	<=30	Pass
		Inner_Full	24.25	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Left	24.05	/	/	24.00	/	/	<=30	Pass
		Inner_1RB_Right	24.31	/	/	24.26	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.71	/	/	22.66	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	22.66	/	/	<=30	Pass
		Outer_Full	23.31	/	/	23.26	/	/	<=30	Pass
		Inner_Full	24.29	/	/	24.24	/	/	<=30	Pass
	3759.99	Inner_1RB_Left	23.78	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Right	24.03	/	/	23.98	/	/	<=30	Pass
		Edge_1RB_Left	22.50	/	/	22.45	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	22.86	/	/	<=30	Pass

		Edge_1RB_Right	22.93	/	/	22.88	/	/	<=30	Pass	
		Outer_Full	23.44	/	/	23.39	/	/	<=30	Pass	
		Inner_Full	24.40	/	/	24.35	/	/	<=30	Pass	
		Inner_1RB_Left	24.15	/	/	24.10	/	/	<=30	Pass	
		Inner_1RB_Right	24.31	/	/	24.26	/	/	<=30	Pass	
CP-OFDM 64 QAM	3740.01	Edge_1RB_Left	22.44	/	/	22.39	/	/	<=30	Pass	
		Edge_1RB_Right	22.83	/	/	22.78	/	/	<=30	Pass	
		Outer_Full	22.76	/	/	22.71	/	/	<=30	Pass	
		Inner_Full	22.70	/	/	22.65	/	/	<=30	Pass	
		Inner_1RB_Left	22.49	/	/	22.44	/	/	<=30	Pass	
	3750	Inner_1RB_Right	22.80	/	/	22.75	/	/	<=30	Pass	
		Edge_1RB_Left	22.75	/	/	22.70	/	/	<=30	Pass	
		Edge_1RB_Right	22.92	/	/	22.87	/	/	<=30	Pass	
		Outer_Full	22.81	/	/	22.76	/	/	<=30	Pass	
		Inner_Full	22.80	/	/	22.75	/	/	<=30	Pass	
		Inner_1RB_Left	22.67	/	/	22.62	/	/	<=30	Pass	
		Inner_1RB_Right	23.08	/	/	23.03	/	/	<=30	Pass	
	3759.99	Edge_1RB_Left	22.77	/	/	22.72	/	/	<=30	Pass	
		Edge_1RB_Right	22.97	/	/	22.92	/	/	<=30	Pass	
		Outer_Full	23.03	/	/	22.98	/	/	<=30	Pass	
		Inner_Full	22.85	/	/	22.80	/	/	<=30	Pass	
		Inner_1RB_Left	22.89	/	/	22.84	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3740.01	Inner_1RB_Right	23.01	/	/	22.96	/	/	<=30	Pass
			Edge_1RB_Left	19.38	/	/	19.33	/	/	<=30	Pass
			Edge_1RB_Right	19.91	/	/	19.86	/	/	<=30	Pass
Outer_Full			19.87	/	/	19.82	/	/	<=30	Pass	
Inner_Full			19.86	/	/	19.81	/	/	<=30	Pass	
Inner_1RB_Left			19.46	/	/	19.41	/	/	<=30	Pass	
3750		Inner_1RB_Right	19.79	/	/	19.74	/	/	<=30	Pass	
		Edge_1RB_Left	19.63	/	/	19.58	/	/	<=30	Pass	
		Edge_1RB_Right	20.11	/	/	20.06	/	/	<=30	Pass	
		Outer_Full	19.88	/	/	19.83	/	/	<=30	Pass	
		Inner_Full	19.82	/	/	19.77	/	/	<=30	Pass	
		Inner_1RB_Left	19.73	/	/	19.68	/	/	<=30	Pass	
		Inner_1RB_Right	20.09	/	/	20.04	/	/	<=30	Pass	
3759.99		Edge_1RB_Left	19.85	/	/	19.80	/	/	<=30	Pass	
		Edge_1RB_Right	20.00	/	/	19.95	/	/	<=30	Pass	
	Outer_Full	19.95	/	/	19.90	/	/	<=30	Pass		
	Inner_Full	20.01	/	/	19.96	/	/	<=30	Pass		
	Inner_1RB_Left	19.88	/	/	19.83	/	/	<=30	Pass		
Inner_1RB_Right	20.03	/	/	19.98	/	/	<=30	Pass			
Note1: Antenna Gain: Ant6: -0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.8 30_S_90M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 90MHz 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	3745.02	Edge 1RB Left	22.21	/	/	22.16	/	/	<=30	Pass
		Edge 1RB Right	23.25	/	/	23.20	/	/	<=30	Pass

		Outer_Full	25.86	/	/	25.81	/	/	<=30	Pass
		Inner_Full	26.28	/	/	26.23	/	/	<=30	Pass
		Inner_1RB_Left	25.79	/	/	25.74	/	/	<=30	Pass
		Inner_1RB_Right	26.73	/	/	26.68	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.56	/	/	22.51	/	/	<=30	Pass
		Edge_1RB_Right	23.08	/	/	23.03	/	/	<=30	Pass
		Outer_Full	25.81	/	/	25.76	/	/	<=30	Pass
		Inner_Full	26.26	/	/	26.21	/	/	<=30	Pass
	3754.98	Inner_1RB_Left	25.97	/	/	25.92	/	/	<=30	Pass
		Inner_1RB_Right	26.62	/	/	26.57	/	/	<=30	Pass
		Edge_1RB_Left	22.66	/	/	22.61	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	22.84	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Outer_Full	25.95	/	/	25.90	/	/	<=30	Pass
		Inner_Full	26.25	/	/	26.20	/	/	<=30	Pass
		Inner_1RB_Left	26.32	/	/	26.27	/	/	<=30	Pass
		Inner_1RB_Right	26.42	/	/	26.37	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.15	/	/	22.10	/	/	<=30	Pass
		Edge_1RB_Right	23.18	/	/	23.13	/	/	<=30	Pass
		Outer_Full	25.27	/	/	25.22	/	/	<=30	Pass
		Inner_Full	26.34	/	/	26.29	/	/	<=30	Pass
	3754.98	Inner_1RB_Left	25.86	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Right	26.64	/	/	26.59	/	/	<=30	Pass
		Edge_1RB_Left	22.50	/	/	22.45	/	/	<=30	Pass
		Edge_1RB_Right	23.12	/	/	23.07	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Outer_Full	25.26	/	/	25.21	/	/	<=30	Pass
		Inner_Full	26.29	/	/	26.24	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	25.93	/	/	<=30	Pass
		Inner_1RB_Right	26.55	/	/	26.50	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.72	/	/	22.67	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	22.85	/	/	<=30	Pass
		Outer_Full	25.30	/	/	25.25	/	/	<=30	Pass
		Inner_Full	26.33	/	/	26.28	/	/	<=30	Pass
	3754.98	Inner_1RB_Left	26.27	/	/	26.22	/	/	<=30	Pass
		Inner_1RB_Right	26.42	/	/	26.37	/	/	<=30	Pass
	3745.02	Edge_1RB_Left	22.10	/	/	22.05	/	/	<=30	Pass
		Edge_1RB_Right	23.16	/	/	23.11	/	/	<=30	Pass
		Outer_Full	24.31	/	/	24.26	/	/	<=30	Pass
		Inner_Full	25.38	/	/	25.33	/	/	<=30	Pass
	3750	Inner_1RB_Left	24.56	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Right	25.63	/	/	25.58	/	/	<=30	Pass
		Edge_1RB_Left	22.38	/	/	22.33	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	22.99	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Outer_Full	24.33	/	/	24.28	/	/	<=30	Pass
		Inner_Full	25.36	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Left	24.88	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Right	25.55	/	/	25.50	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.61	/	/	22.56	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	22.70	/	/	<=30	Pass
		Outer_Full	24.52	/	/	24.47	/	/	<=30	Pass
		Inner_Full	25.38	/	/	25.33	/	/	<=30	Pass
	3754.98	Inner_1RB_Left	25.15	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	25.26	/	/	25.21	/	/	<=30	Pass
		Edge_1RB_Left	22.25	/	/	22.20	/	/	<=30	Pass

		Edge 1RB Right	23.22	/	/	23.17	/	/	<=30	Pass
		Outer Full	23.79	/	/	23.74	/	/	<=30	Pass
		Inner Full	23.86	/	/	23.81	/	/	<=30	Pass
		Inner 1RB Left	23.33	/	/	23.28	/	/	<=30	Pass
	3750	Inner 1RB Right	24.33	/	/	24.28	/	/	<=30	Pass
		Edge 1RB Left	22.55	/	/	22.50	/	/	<=30	Pass
		Edge 1RB Right	23.17	/	/	23.12	/	/	<=30	Pass
		Outer Full	23.78	/	/	23.73	/	/	<=30	Pass
	3754.98	Inner Full	23.90	/	/	23.85	/	/	<=30	Pass
		Inner 1RB Left	23.51	/	/	23.46	/	/	<=30	Pass
		Inner 1RB Right	24.20	/	/	24.15	/	/	<=30	Pass
		Edge 1RB Left	22.80	/	/	22.75	/	/	<=30	Pass
	3754.98	Edge 1RB Right	22.96	/	/	22.91	/	/	<=30	Pass
		Outer Full	23.75	/	/	23.70	/	/	<=30	Pass
		Inner Full	23.94	/	/	23.89	/	/	<=30	Pass
		Inner 1RB Left	23.81	/	/	23.76	/	/	<=30	Pass
		Inner 1RB Right	23.88	/	/	23.83	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Edge 1RB Left	21.19	/	/	21.14	/	/	<=30	Pass
		Edge 1RB Right	22.20	/	/	22.15	/	/	<=30	Pass
		Outer Full	21.80	/	/	21.75	/	/	<=30	Pass
		Inner Full	21.79	/	/	21.74	/	/	<=30	Pass
	3750	Inner 1RB Left	21.18	/	/	21.13	/	/	<=30	Pass
		Inner 1RB Right	22.16	/	/	22.11	/	/	<=30	Pass
		Edge 1RB Left	21.38	/	/	21.33	/	/	<=30	Pass
		Edge 1RB Right	22.07	/	/	22.02	/	/	<=30	Pass
	3754.98	Outer Full	21.87	/	/	21.82	/	/	<=30	Pass
		Inner Full	21.76	/	/	21.71	/	/	<=30	Pass
		Inner 1RB Left	21.46	/	/	21.41	/	/	<=30	Pass
		Inner 1RB Right	22.24	/	/	22.19	/	/	<=30	Pass
	3754.98	Edge 1RB Left	21.67	/	/	21.62	/	/	<=30	Pass
		Edge 1RB Right	21.89	/	/	21.84	/	/	<=30	Pass
		Outer Full	21.93	/	/	21.88	/	/	<=30	Pass
		Inner Full	21.77	/	/	21.72	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Inner 1RB Left	21.69	/	/	21.64	/	/	<=30	Pass
		Inner 1RB Right	21.99	/	/	21.94	/	/	<=30	Pass
	3750	Edge 1RB Left	22.38	/	/	22.33	/	/	<=30	Pass
		Edge 1RB Right	23.37	/	/	23.32	/	/	<=30	Pass
		Outer Full	23.27	/	/	23.22	/	/	<=30	Pass
		Inner Full	24.79	/	/	24.74	/	/	<=30	Pass
	3754.98	Inner 1RB Left	24.39	/	/	24.34	/	/	<=30	Pass
		Inner 1RB Right	25.20	/	/	25.15	/	/	<=30	Pass
	3750	Edge 1RB Left	22.69	/	/	22.64	/	/	<=30	Pass
		Edge 1RB Right	23.19	/	/	23.14	/	/	<=30	Pass
		Outer Full	23.37	/	/	23.32	/	/	<=30	Pass
		Inner Full	24.82	/	/	24.77	/	/	<=30	Pass
	3754.98	Inner 1RB Left	24.66	/	/	24.61	/	/	<=30	Pass
		Inner 1RB Right	25.11	/	/	25.06	/	/	<=30	Pass
	3750	Edge 1RB Left	22.77	/	/	22.72	/	/	<=30	Pass
		Edge 1RB Right	22.97	/	/	22.92	/	/	<=30	Pass
		Outer Full	23.42	/	/	23.37	/	/	<=30	Pass
		Inner Full	24.84	/	/	24.79	/	/	<=30	Pass
	3754.98	Inner 1RB Left	24.87	/	/	24.82	/	/	<=30	Pass
		Inner 1RB Right	24.93	/	/	24.88	/	/	<=30	Pass

CP-OFDM 16 QAM	3745.02	Edge_1RB_Left	22.17	/	/	22.12	/	/	<=30	Pass
		Edge_1RB_Right	23.09	/	/	23.04	/	/	<=30	Pass
		Outer_Full	23.32	/	/	23.27	/	/	<=30	Pass
		Inner_Full	24.38	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Left	23.63	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Right	24.63	/	/	24.58	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.31	/	/	22.26	/	/	<=30	Pass
		Edge_1RB_Right	23.03	/	/	22.98	/	/	<=30	Pass
		Outer_Full	23.35	/	/	23.30	/	/	<=30	Pass
		Inner_Full	24.35	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Left	23.87	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Right	24.39	/	/	24.34	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.63	/	/	22.58	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	22.67	/	/	<=30	Pass
		Outer_Full	23.33	/	/	23.28	/	/	<=30	Pass
		Inner_Full	24.31	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Left	24.09	/	/	24.04	/	/	<=30	Pass
		Inner_1RB_Right	24.16	/	/	24.11	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Edge_1RB_Left	22.30	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Right	23.26	/	/	23.21	/	/	<=30	Pass
		Outer_Full	22.86	/	/	22.81	/	/	<=30	Pass
		Inner_Full	22.84	/	/	22.79	/	/	<=30	Pass
		Inner_1RB_Left	22.17	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	23.25	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.51	/	/	22.46	/	/	<=30	Pass
		Edge_1RB_Right	23.22	/	/	23.17	/	/	<=30	Pass
		Outer_Full	22.85	/	/	22.80	/	/	<=30	Pass
		Inner_Full	22.78	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Right	23.18	/	/	23.13	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.69	/	/	22.64	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	22.93	/	/	<=30	Pass
		Outer_Full	22.83	/	/	22.78	/	/	<=30	Pass
		Inner_Full	22.79	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Right	22.90	/	/	22.85	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Edge_1RB_Left	19.33	/	/	19.28	/	/	<=30	Pass
		Edge_1RB_Right	20.24	/	/	20.19	/	/	<=30	Pass
		Outer_Full	19.82	/	/	19.77	/	/	<=30	Pass
		Inner_Full	19.86	/	/	19.81	/	/	<=30	Pass
		Inner_1RB_Left	19.25	/	/	19.20	/	/	<=30	Pass
		Inner_1RB_Right	20.23	/	/	20.18	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.54	/	/	19.49	/	/	<=30	Pass
		Edge_1RB_Right	20.09	/	/	20.04	/	/	<=30	Pass
		Outer_Full	19.83	/	/	19.78	/	/	<=30	Pass
		Inner_Full	19.77	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Left	19.50	/	/	19.45	/	/	<=30	Pass
		Inner_1RB_Right	20.12	/	/	20.07	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	19.81	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	19.92	/	/	19.87	/	/	<=30	Pass
		Outer_Full	19.99	/	/	19.94	/	/	<=30	Pass
		Inner_Full	19.89	/	/	19.84	/	/	<=30	Pass
		Inner_1RB_Left	19.81	/	/	19.76	/	/	<=30	Pass



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		Inner 1RB Right	20.00	/	/	19.95	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: -0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30_S_100M_NTNV_EIRP

5G NR n78a 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	3750	Edge 1RB Left	22.44	/	/	22.39	/	/	<=30	Pass
		Edge 1RB Right	22.97	/	/	22.92	/	/	<=30	Pass
		Outer Full	25.85	/	/	25.80	/	/	<=30	Pass
		Inner Full	26.34	/	/	26.29	/	/	<=30	Pass
		Inner 1RB Left	25.92	/	/	25.87	/	/	<=30	Pass
		Inner 1RB Right	26.53	/	/	26.48	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge 1RB Left	22.23	/	/	22.18	/	/	<=30	Pass
		Edge 1RB Right	23.08	/	/	23.03	/	/	<=30	Pass
		Outer Full	25.39	/	/	25.34	/	/	<=30	Pass
		Inner Full	26.32	/	/	26.27	/	/	<=30	Pass
		Inner 1RB Left	25.83	/	/	25.78	/	/	<=30	Pass
		Inner 1RB Right	26.60	/	/	26.55	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge 1RB Left	22.11	/	/	22.06	/	/	<=30	Pass
		Edge 1RB Right	22.87	/	/	22.82	/	/	<=30	Pass
		Outer Full	24.35	/	/	24.30	/	/	<=30	Pass
		Inner Full	25.31	/	/	25.26	/	/	<=30	Pass
		Inner 1RB Left	24.59	/	/	24.54	/	/	<=30	Pass
		Inner 1RB Right	25.35	/	/	25.30	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge 1RB Left	22.37	/	/	22.32	/	/	<=30	Pass
		Edge 1RB Right	23.05	/	/	23.00	/	/	<=30	Pass
		Outer Full	23.85	/	/	23.80	/	/	<=30	Pass
		Inner Full	23.81	/	/	23.76	/	/	<=30	Pass
		Inner 1RB Left	23.26	/	/	23.21	/	/	<=30	Pass
		Inner 1RB Right	24.13	/	/	24.08	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge 1RB Left	21.19	/	/	21.14	/	/	<=30	Pass
		Edge 1RB Right	22.06	/	/	22.01	/	/	<=30	Pass
		Outer Full	21.87	/	/	21.82	/	/	<=30	Pass
		Inner Full	21.89	/	/	21.84	/	/	<=30	Pass
		Inner 1RB Left	21.34	/	/	21.29	/	/	<=30	Pass
		Inner 1RB Right	22.13	/	/	22.08	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge 1RB Left	22.55	/	/	22.50	/	/	<=30	Pass
		Edge 1RB Right	23.22	/	/	23.17	/	/	<=30	Pass
		Outer Full	23.29	/	/	23.24	/	/	<=30	Pass
		Inner Full	24.86	/	/	24.81	/	/	<=30	Pass
		Inner 1RB Left	24.47	/	/	24.42	/	/	<=30	Pass
		Inner 1RB Right	25.17	/	/	25.12	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge 1RB Left	22.34	/	/	22.29	/	/	<=30	Pass
		Edge 1RB Right	23.09	/	/	23.04	/	/	<=30	Pass
		Outer Full	23.40	/	/	23.35	/	/	<=30	Pass
		Inner Full	24.32	/	/	24.27	/	/	<=30	Pass
		Inner 1RB Left	23.93	/	/	23.88	/	/	<=30	Pass
		Inner 1RB Right	24.65	/	/	24.60	/	/	<=30	Pass



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CP-OFDM 64 QAM	3750	Edge_1RB_Left	22.53	/	/	22.48	/	/	<=30	Pass
		Edge_1RB_Right	23.22	/	/	23.17	/	/	<=30	Pass
		Outer_Full	22.86	/	/	22.81	/	/	<=30	Pass
		Inner_Full	22.85	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Left	22.43	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	23.10	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Edge_1RB_Left	19.36	/	/	19.31	/	/	<=30	Pass
		Edge_1RB_Right	20.30	/	/	20.25	/	/	<=30	Pass
		Outer_Full	19.88	/	/	19.83	/	/	<=30	Pass
		Inner_Full	19.84	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Left	19.37	/	/	19.32	/	/	<=30	Pass
		Inner_1RB_Right	20.07	/	/	20.02	/	/	<=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 n78a 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	3750	Outer_Full	20	LV	7.90	0.0021	>=-2.5 & <=2.5	Pass
				HV	-12.10	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-13.10	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-15.70	-0.0042	>=-2.5 & <=2.5	Pass
			10	NV	-7.60	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-17.90	-0.0048	>=-2.5 & <=2.5	Pass
			30	NV	-11.10	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-14.10	-0.0038	>=-2.5 & <=2.5	Pass
			50	NV	10.90	0.0029	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_S_20M_NTNV

5G NR n78a 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	3750	Outer_Full	17.86	18.86	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	17.82	18.75	/	Pass



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DFT-s-OFDM 16 QAM	3750	Outer_Full	17.85	19.20	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	17.94	18.43	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	17.81	18.66	/	Pass
CP-OFDM QPSK	3750	Outer_Full	18.17	18.90	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	18.30	19.06	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	18.13	19.23	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	18.25	19.05	/	Pass

3.1.2 30_S_30M_NTNV

5G NR n78a 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	3750	Outer_Full	26.74	28.39	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	26.62	27.80	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	26.59	27.83	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	26.64	28.07	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	26.71	28.29	/	Pass
CP-OFDM QPSK	3750	Outer_Full	28.11	30.31	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	27.91	28.98	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	28.16	30.32	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	27.87	29.03	/	Pass

3.1.3 30_S_40M_NTNV

5G NR n78a 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	3750	Outer_Full	35.90	38.18	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	36.16	37.98	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	35.96	38.04	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	35.75	38.00	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	35.90	38.29	/	Pass
CP-OFDM QPSK	3750	Outer_Full	37.93	40.52	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	38.11	40.36	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	37.86	40.22	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	37.92	40.35	/	Pass

3.1.4 30_S_50M_NTNV

5G NR n78a 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	3750	Outer_Full	45.96	48.41	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	45.77	48.21	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	45.87	48.09	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	45.76	48.12	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	45.51	48.27	/	Pass



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CP-OFDM QPSK	3750	Outer_Full	47.62	50.14	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	47.50	49.88	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	47.41	49.99	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	47.70	50.10	/	Pass

3.1.5 30_S_60M_NTNV

5G NR n78a 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	3750	Outer_Full	57.93	60.32	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	57.79	60.40	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	58.07	60.40	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	57.91	60.49	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	57.88	60.46	/	Pass
CP-OFDM QPSK	3750	Outer_Full	57.90	60.45	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	57.86	60.43	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	57.97	60.54	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	57.67	60.28	/	Pass

3.1.6 30_S_70M_NTNV

5G NR n78a 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	3750	Outer_Full	64.26	66.92	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	64.14	66.99	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	64.42	66.93	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	64.16	66.96	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	64.16	67.19	/	Pass
CP-OFDM QPSK	3750	Outer_Full	67.60	69.95	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	67.67	70.17	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	67.63	70.14	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	67.28	70.16	/	Pass

3.1.7 30_S_80M_NTNV

5G NR n78a 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	3750	Outer_Full	76.91	79.87	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	77.39	79.90	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	77.25	79.95	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	77.03	79.98	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	76.87	79.70	/	Pass
CP-OFDM QPSK	3750	Outer_Full	77.24	80.12	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	77.76	80.25	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	77.15	80.18	/	Pass



CP-OFDM 256 QAM	3750	Outer_Full	77.43	80.13	/	Pass
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3.1.8 30_S_90M_NTNV

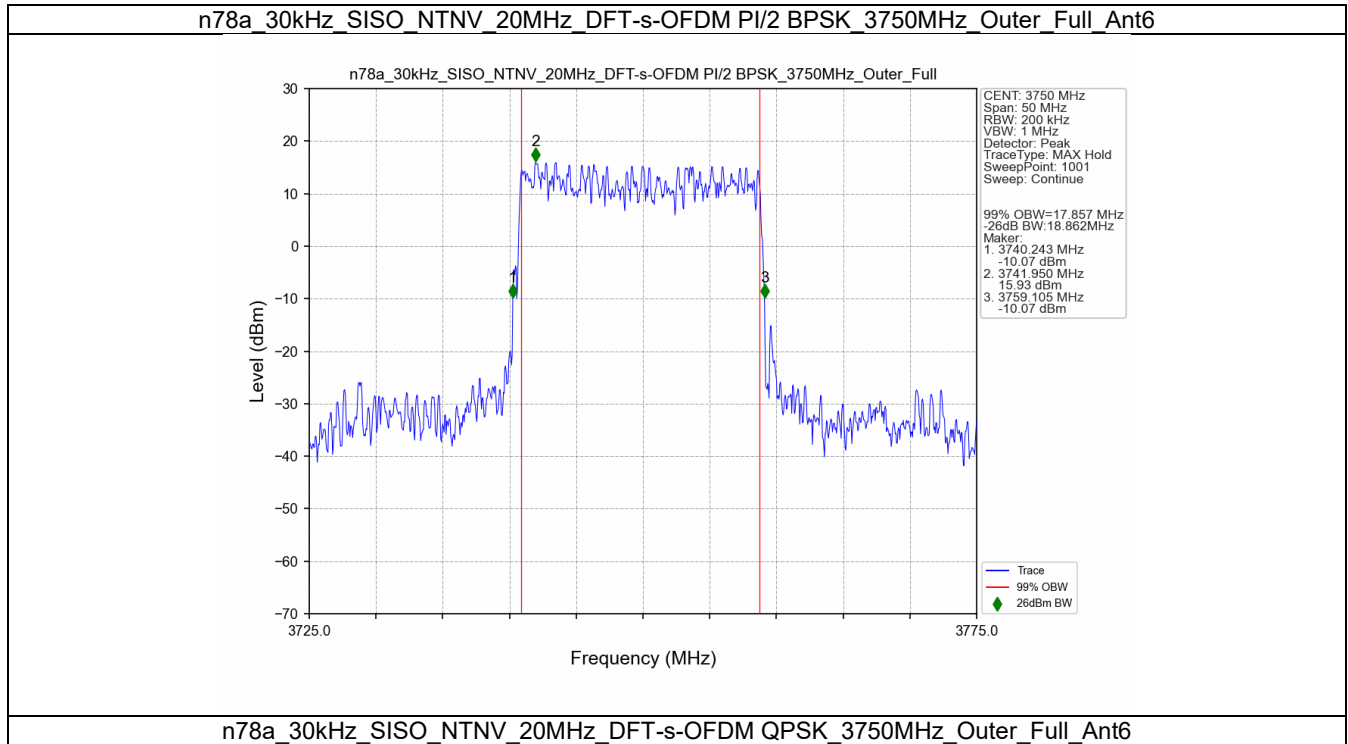
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Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	86.58	90.04	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	86.53	89.72	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	86.78	89.76	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	86.79	89.81	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	86.85	89.43	/	Pass
CP-OFDM QPSK	3750	Outer_Full	87.64	90.66	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	87.50	90.38	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	87.53	90.43	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	87.48	90.78	/	Pass

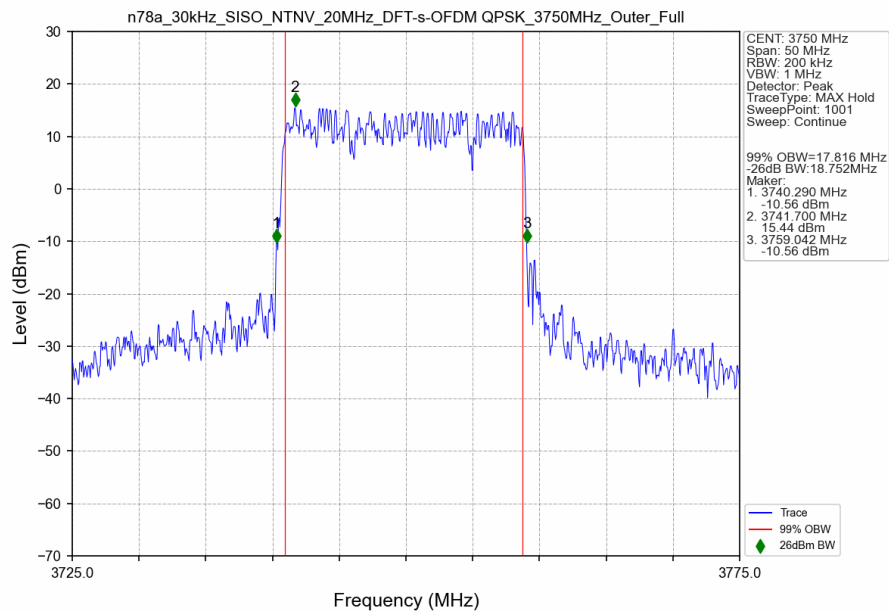
3.1.9 30_S_100M_NTNV

5G NR n78a 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	3750	Outer_Full	96.41	99.36	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	96.25	99.46	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	96.15	99.37	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	96.10	99.53	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	96.39	99.55	/	Pass
CP-OFDM QPSK	3750	Outer_Full	97.30	100.56	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	97.33	100.45	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	97.77	100.57	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	97.22	100.47	/	Pass

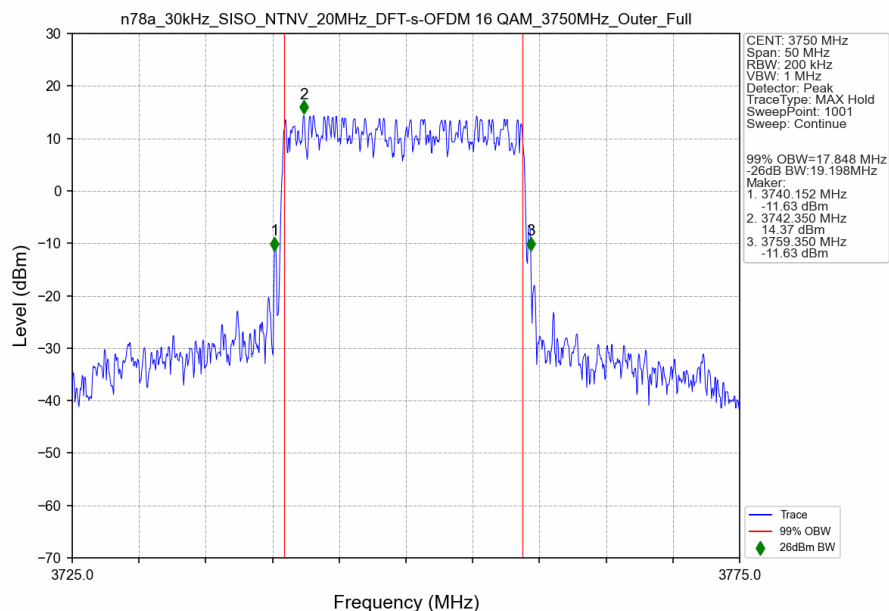
3.2 Test Graph

3.2.1 30_S_20M_NTNV

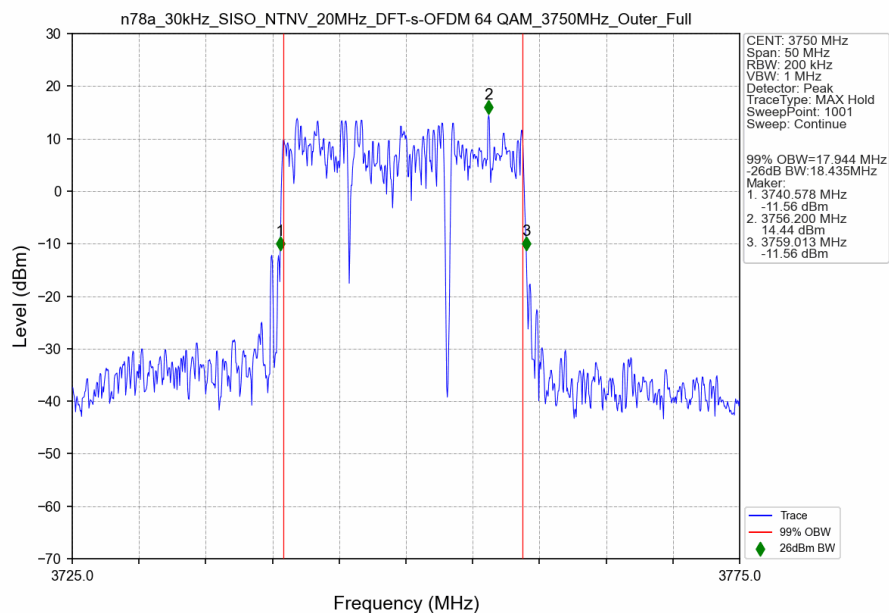




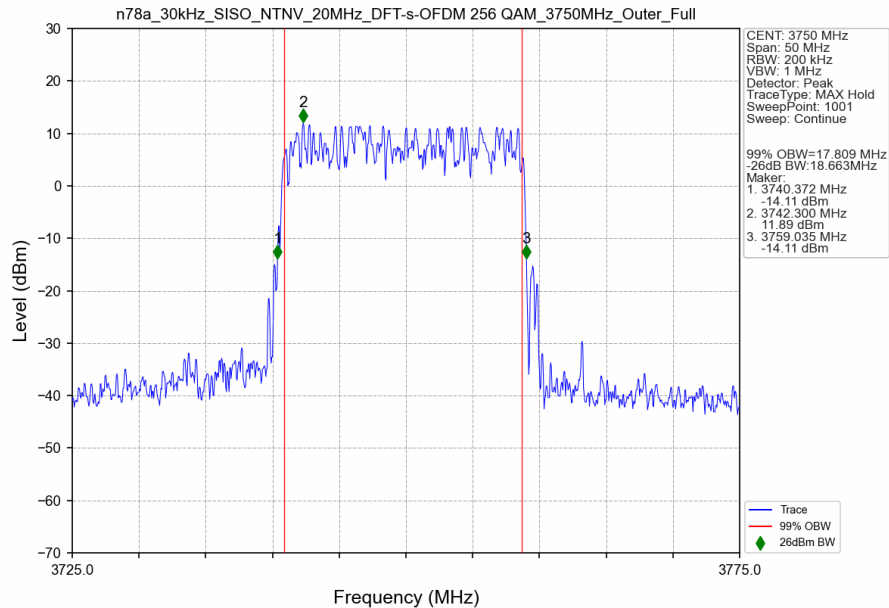
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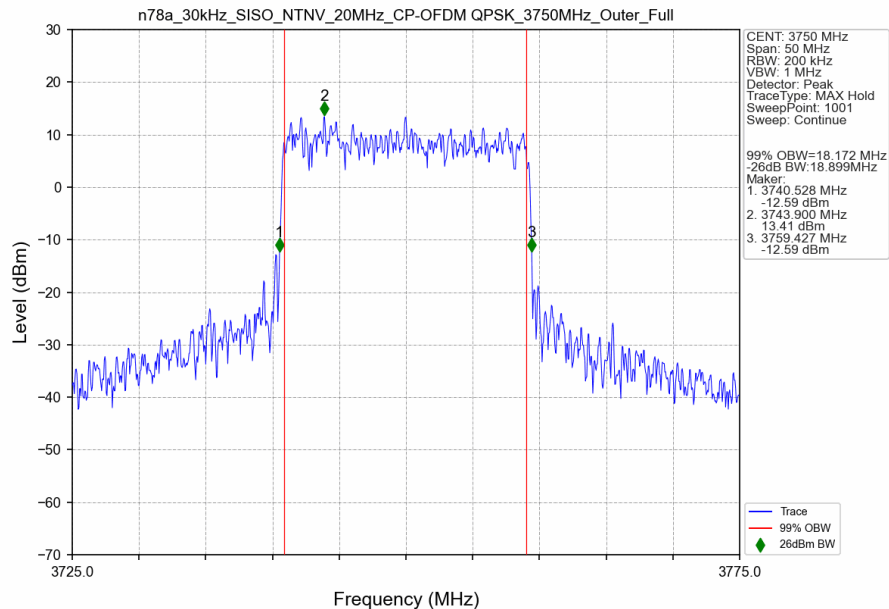
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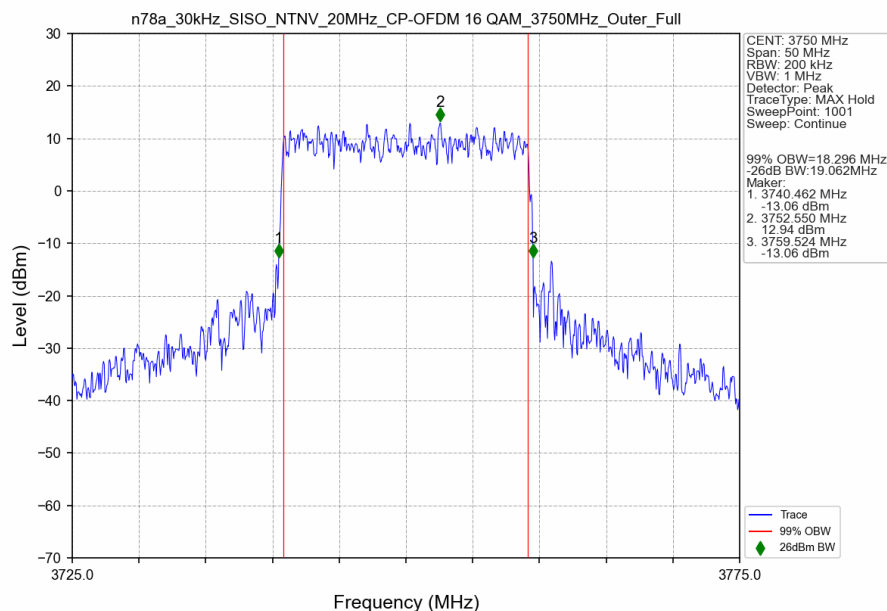
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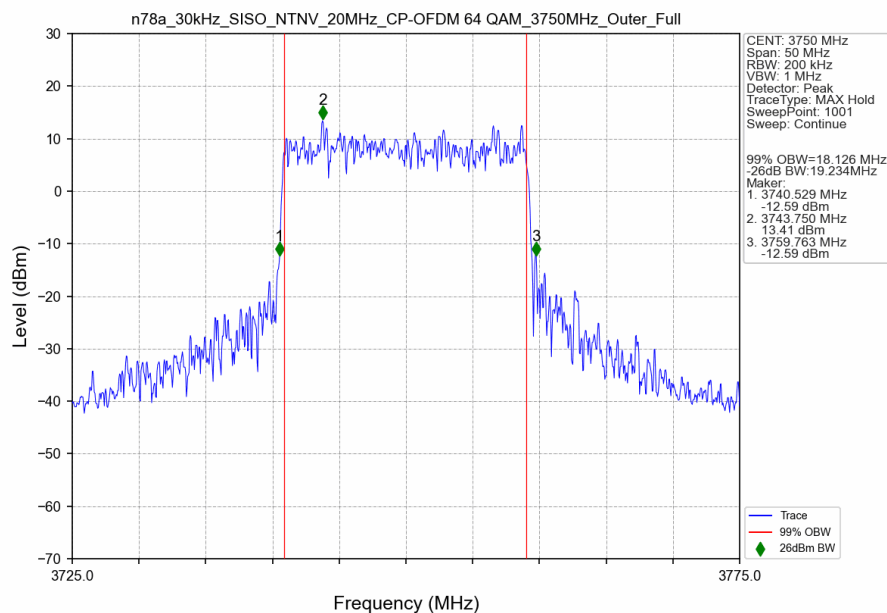
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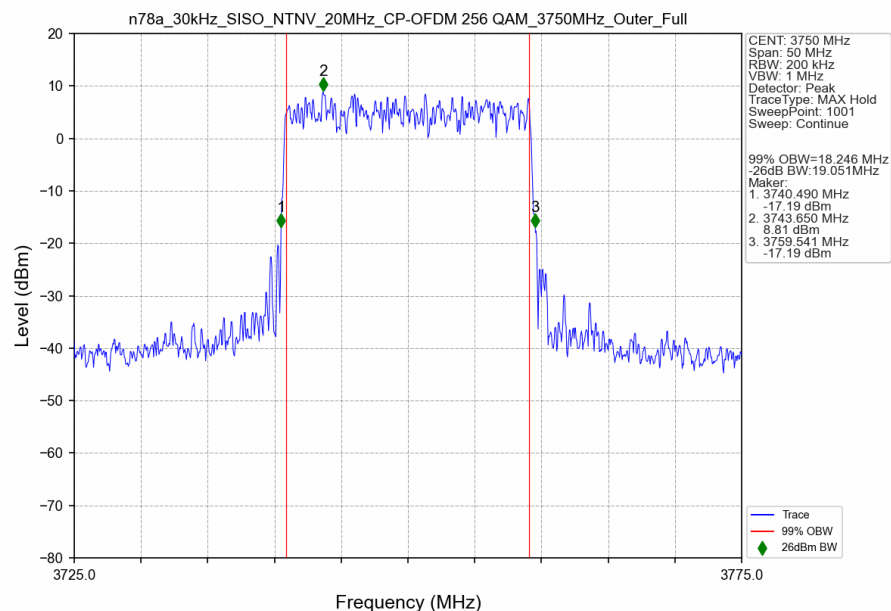
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n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 3750MHz_Outer_Full_Ant6



n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant6



3.2.2 30_S_30M_NTNV

