

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_10M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2501.01	Edge_1RB_Left	22.65	/	/	22.55	/	/	<=33	Pass
		Edge_1RB_Right	22.84	/	/	22.74	/	/	<=33	Pass
		Outer_Full	25.11	/	/	25.01	/	/	<=33	Pass
		Inner_Full	26.09	/	/	25.99	/	/	<=33	Pass
		Inner_1RB_Left	26.11	/	/	26.01	/	/	<=33	Pass
		Inner_1RB_Right	26.30	/	/	26.20	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.82	/	/	22.72	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	22.80	/	/	<=33	Pass
		Outer_Full	25.25	/	/	25.15	/	/	<=33	Pass
		Inner_Full	26.23	/	/	26.13	/	/	<=33	Pass
		Inner_1RB_Left	26.32	/	/	26.22	/	/	<=33	Pass
		Inner_1RB_Right	26.33	/	/	26.23	/	/	<=33	Pass
	2685	Edge_1RB_Left	22.81	/	/	22.71	/	/	<=33	Pass
		Edge_1RB_Right	22.84	/	/	22.74	/	/	<=33	Pass
		Outer_Full	25.22	/	/	25.12	/	/	<=33	Pass
		Inner_Full	26.27	/	/	26.17	/	/	<=33	Pass
		Inner_1RB_Left	26.33	/	/	26.23	/	/	<=33	Pass
		Inner_1RB_Right	26.32	/	/	26.22	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2501.01	Edge_1RB_Left	22.75	/	/	22.65	/	/	<=33	Pass
		Edge_1RB_Right	22.84	/	/	22.74	/	/	<=33	Pass
		Outer_Full	24.20	/	/	24.10	/	/	<=33	Pass
		Inner_Full	25.17	/	/	25.07	/	/	<=33	Pass
		Inner_1RB_Left	25.19	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Right	25.18	/	/	25.08	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.78	/	/	22.68	/	/	<=33	Pass
		Edge_1RB_Right	22.91	/	/	22.81	/	/	<=33	Pass
		Outer_Full	24.39	/	/	24.29	/	/	<=33	Pass
		Inner_Full	25.25	/	/	25.15	/	/	<=33	Pass
		Inner_1RB_Left	25.37	/	/	25.27	/	/	<=33	Pass
		Inner_1RB_Right	25.17	/	/	25.07	/	/	<=33	Pass
	2685	Edge_1RB_Left	22.96	/	/	22.86	/	/	<=33	Pass
		Edge_1RB_Right	22.79	/	/	22.69	/	/	<=33	Pass
		Outer_Full	24.35	/	/	24.25	/	/	<=33	Pass
		Inner_Full	25.29	/	/	25.19	/	/	<=33	Pass
		Inner_1RB_Left	25.30	/	/	25.20	/	/	<=33	Pass
		Inner_1RB_Right	25.28	/	/	25.18	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2501.01	Edge_1RB_Left	22.66	/	/	22.56	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	22.60	/	/	<=33	Pass
		Outer_Full	23.71	/	/	23.61	/	/	<=33	Pass
		Inner_Full	23.67	/	/	23.57	/	/	<=33	Pass
		Inner_1RB_Left	23.59	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Right	23.65	/	/	23.55	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.72	/	/	22.62	/	/	<=33	Pass
		Edge_1RB_Right	22.76	/	/	22.66	/	/	<=33	Pass
		Outer_Full	23.86	/	/	23.76	/	/	<=33	Pass
		Inner_Full	23.80	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Left	23.70	/	/	23.60	/	/	<=33	Pass

	2685	Inner_1RB_Right	23.83	/	/	23.73	/	/	<=33	Pass
		Edge_1RB_Left	22.85	/	/	22.75	/	/	<=33	Pass
		Edge_1RB_Right	22.68	/	/	22.58	/	/	<=33	Pass
		Outer_Full	23.87	/	/	23.77	/	/	<=33	Pass
		Inner_Full	23.80	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Left	23.76	/	/	23.66	/	/	<=33	Pass
		Inner_1RB_Right	23.65	/	/	23.55	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2501.01	Edge_1RB_Left	21.76	/	/	21.66	/	/	<=33	Pass
		Edge_1RB_Right	21.81	/	/	21.71	/	/	<=33	Pass
		Outer_Full	21.75	/	/	21.65	/	/	<=33	Pass
		Inner_Full	21.88	/	/	21.78	/	/	<=33	Pass
		Inner_1RB_Left	21.72	/	/	21.62	/	/	<=33	Pass
		Inner_1RB_Right	21.82	/	/	21.72	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.83	/	/	21.73	/	/	<=33	Pass
		Edge_1RB_Right	21.87	/	/	21.77	/	/	<=33	Pass
		Outer_Full	21.88	/	/	21.78	/	/	<=33	Pass
		Inner_Full	21.91	/	/	21.81	/	/	<=33	Pass
		Inner_1RB_Left	21.79	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Right	21.85	/	/	21.75	/	/	<=33	Pass
	2685	Edge_1RB_Left	21.78	/	/	21.68	/	/	<=33	Pass
		Edge_1RB_Right	21.81	/	/	21.71	/	/	<=33	Pass
		Outer_Full	21.77	/	/	21.67	/	/	<=33	Pass
		Inner_Full	21.85	/	/	21.75	/	/	<=33	Pass
		Inner_1RB_Left	21.79	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Right	21.73	/	/	21.63	/	/	<=33	Pass
CP-OFDM QPSK	2501.01	Edge_1RB_Left	22.65	/	/	22.55	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	22.68	/	/	<=33	Pass
		Outer_Full	23.24	/	/	23.14	/	/	<=33	Pass
		Inner_Full	24.60	/	/	24.50	/	/	<=33	Pass
		Inner_1RB_Left	24.53	/	/	24.43	/	/	<=33	Pass
		Inner_1RB_Right	24.61	/	/	24.51	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.76	/	/	22.66	/	/	<=33	Pass
		Edge_1RB_Right	22.88	/	/	22.78	/	/	<=33	Pass
		Outer_Full	23.36	/	/	23.26	/	/	<=33	Pass
		Inner_Full	24.73	/	/	24.63	/	/	<=33	Pass
		Inner_1RB_Left	24.69	/	/	24.59	/	/	<=33	Pass
		Inner_1RB_Right	24.75	/	/	24.65	/	/	<=33	Pass
	2685	Edge_1RB_Left	22.80	/	/	22.70	/	/	<=33	Pass
		Edge_1RB_Right	22.73	/	/	22.63	/	/	<=33	Pass
		Outer_Full	23.35	/	/	23.25	/	/	<=33	Pass
		Inner_Full	24.77	/	/	24.67	/	/	<=33	Pass
		Inner_1RB_Left	24.76	/	/	24.66	/	/	<=33	Pass
		Inner_1RB_Right	24.68	/	/	24.58	/	/	<=33	Pass
CP-OFDM 16 QAM	2501.01	Edge_1RB_Left	22.65	/	/	22.55	/	/	<=33	Pass
		Edge_1RB_Right	22.87	/	/	22.77	/	/	<=33	Pass
		Outer_Full	23.18	/	/	23.08	/	/	<=33	Pass
		Inner_Full	24.19	/	/	24.09	/	/	<=33	Pass
		Inner_1RB_Left	24.04	/	/	23.94	/	/	<=33	Pass
		Inner_1RB_Right	23.81	/	/	23.71	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.71	/	/	22.61	/	/	<=33	Pass
		Edge_1RB_Right	22.87	/	/	22.77	/	/	<=33	Pass
		Outer_Full	23.36	/	/	23.26	/	/	<=33	Pass
		Inner_Full	24.30	/	/	24.20	/	/	<=33	Pass
		Inner_1RB_Left	24.07	/	/	23.97	/	/	<=33	Pass
		Inner_1RB_Right	24.29	/	/	24.19	/	/	<=33	Pass
	2685	Edge_1RB_Left	22.89	/	/	22.79	/	/	<=33	Pass
		Edge_1RB_Right	22.85	/	/	22.75	/	/	<=33	Pass
		Outer_Full	23.38	/	/	23.28	/	/	<=33	Pass
		Inner_Full	24.27	/	/	24.17	/	/	<=33	Pass

		Inner_1RB_Left	24.33	/	/	24.23	/	/	<=33	Pass	
		Inner_1RB_Right	24.11	/	/	24.01	/	/	<=33	Pass	
CP-OFDM 64 QAM	2501.01	Edge_1RB_Left	22.68	/	/	22.58	/	/	<=33	Pass	
		Edge_1RB_Right	22.60	/	/	22.50	/	/	<=33	Pass	
		Outer_Full	22.78	/	/	22.68	/	/	<=33	Pass	
		Inner_Full	22.81	/	/	22.71	/	/	<=33	Pass	
		Inner_1RB_Left	22.74	/	/	22.64	/	/	<=33	Pass	
		Inner_1RB_Right	23.01	/	/	22.91	/	/	<=33	Pass	
		Edge_1RB_Left	22.72	/	/	22.62	/	/	<=33	Pass	
		Edge_1RB_Right	22.86	/	/	22.76	/	/	<=33	Pass	
	2592.99	Outer_Full	22.89	/	/	22.79	/	/	<=33	Pass	
		Inner_Full	22.81	/	/	22.71	/	/	<=33	Pass	
		Inner_1RB_Left	22.78	/	/	22.68	/	/	<=33	Pass	
		Inner_1RB_Right	22.71	/	/	22.61	/	/	<=33	Pass	
		Edge_1RB_Left	22.76	/	/	22.66	/	/	<=33	Pass	
		Edge_1RB_Right	22.56	/	/	22.46	/	/	<=33	Pass	
	2685	Outer_Full	22.85	/	/	22.75	/	/	<=33	Pass	
		Inner_Full	22.87	/	/	22.77	/	/	<=33	Pass	
		Inner_1RB_Left	22.65	/	/	22.55	/	/	<=33	Pass	
		Inner_1RB_Right	22.75	/	/	22.65	/	/	<=33	Pass	
Edge_1RB_Left		19.61	/	/	19.51	/	/	<=33	Pass		
Edge_1RB_Right		19.68	/	/	19.58	/	/	<=33	Pass		
CP-OFDM 256 QAM	2501.01	Outer_Full	19.75	/	/	19.65	/	/	<=33	Pass	
		Inner_Full	19.89	/	/	19.79	/	/	<=33	Pass	
		Inner_1RB_Left	19.48	/	/	19.38	/	/	<=33	Pass	
		Inner_1RB_Right	19.64	/	/	19.54	/	/	<=33	Pass	
		Edge_1RB_Left	19.70	/	/	19.60	/	/	<=33	Pass	
		Edge_1RB_Right	19.76	/	/	19.66	/	/	<=33	Pass	
	2592.99	Outer_Full	19.87	/	/	19.77	/	/	<=33	Pass	
		Inner_Full	19.94	/	/	19.84	/	/	<=33	Pass	
		Inner_1RB_Left	19.65	/	/	19.55	/	/	<=33	Pass	
		Inner_1RB_Right	19.71	/	/	19.61	/	/	<=33	Pass	
		Edge_1RB_Left	19.72	/	/	19.62	/	/	<=33	Pass	
		Edge_1RB_Right	19.68	/	/	19.58	/	/	<=33	Pass	
	2685	Outer_Full	19.74	/	/	19.64	/	/	<=33	Pass	
		Inner_Full	19.89	/	/	19.79	/	/	<=33	Pass	
		Inner_1RB_Left	19.70	/	/	19.60	/	/	<=33	Pass	
		Inner_1RB_Right	19.63	/	/	19.53	/	/	<=33	Pass	
		Note1: Antenna Gain: Ant5: -0.10dBi;									
		Note2: EIRP=Conducted Power+Antenna Gain									

1.1.2 30_S_15M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2503.5	Edge_1RB_Left	22.74	/	/	22.64	/	/	<=33	Pass
		Edge_1RB_Right	22.83	/	/	22.73	/	/	<=33	Pass
		Outer_Full	25.09	/	/	24.99	/	/	<=33	Pass
		Inner_Full	26.07	/	/	25.97	/	/	<=33	Pass
		Inner_1RB_Left	26.19	/	/	26.09	/	/	<=33	Pass
		Inner_1RB_Right	26.23	/	/	26.13	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.86	/	/	22.76	/	/	<=33	Pass
		Edge_1RB_Right	22.94	/	/	22.84	/	/	<=33	Pass
		Outer_Full	25.20	/	/	25.10	/	/	<=33	Pass
		Inner_Full	26.14	/	/	26.04	/	/	<=33	Pass
		Inner_1RB_Left	26.17	/	/	26.07	/	/	<=33	Pass
		Inner_1RB_Right	26.24	/	/	26.14	/	/	<=33	Pass

	2682.48	Edge_1RB_Left	23.06	/	/	22.96	/	/	<=33	Pass
		Edge_1RB_Right	22.91	/	/	22.81	/	/	<=33	Pass
		Outer_Full	25.37	/	/	25.27	/	/	<=33	Pass
		Inner_Full	26.35	/	/	26.25	/	/	<=33	Pass
		Inner_1RB_Left	26.44	/	/	26.34	/	/	<=33	Pass
		Inner_1RB_Right	26.35	/	/	26.25	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2503.5	Edge_1RB_Left	22.72	/	/	22.62	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	22.67	/	/	<=33	Pass
		Outer_Full	24.13	/	/	24.03	/	/	<=33	Pass
		Inner_Full	25.19	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Left	25.01	/	/	24.91	/	/	<=33	Pass
		Inner_1RB_Right	25.05	/	/	24.95	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.79	/	/	22.69	/	/	<=33	Pass
		Edge_1RB_Right	22.88	/	/	22.78	/	/	<=33	Pass
		Outer_Full	24.21	/	/	24.11	/	/	<=33	Pass
		Inner_Full	25.25	/	/	25.15	/	/	<=33	Pass
		Inner_1RB_Left	25.23	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Right	25.32	/	/	25.22	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	23.02	/	/	22.92	/	/	<=33	Pass
		Edge_1RB_Right	22.84	/	/	22.74	/	/	<=33	Pass
		Outer_Full	24.41	/	/	24.31	/	/	<=33	Pass
		Inner_Full	25.42	/	/	25.32	/	/	<=33	Pass
		Inner_1RB_Left	25.40	/	/	25.30	/	/	<=33	Pass
		Inner_1RB_Right	25.35	/	/	25.25	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2503.5	Edge_1RB_Left	22.63	/	/	22.53	/	/	<=33	Pass
		Edge_1RB_Right	22.62	/	/	22.52	/	/	<=33	Pass
		Outer_Full	23.70	/	/	23.60	/	/	<=33	Pass
		Inner_Full	23.84	/	/	23.74	/	/	<=33	Pass
		Inner_1RB_Left	23.48	/	/	23.38	/	/	<=33	Pass
		Inner_1RB_Right	23.60	/	/	23.50	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.68	/	/	22.58	/	/	<=33	Pass
		Edge_1RB_Right	22.83	/	/	22.73	/	/	<=33	Pass
		Outer_Full	23.74	/	/	23.64	/	/	<=33	Pass
		Inner_Full	23.88	/	/	23.78	/	/	<=33	Pass
		Inner_1RB_Left	23.65	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Right	23.63	/	/	23.53	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	22.97	/	/	22.87	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	22.72	/	/	<=33	Pass
		Outer_Full	23.98	/	/	23.88	/	/	<=33	Pass
		Inner_Full	24.08	/	/	23.98	/	/	<=33	Pass
		Inner_1RB_Left	23.94	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Right	23.76	/	/	23.66	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2503.5	Edge_1RB_Left	21.76	/	/	21.66	/	/	<=33	Pass
		Edge_1RB_Right	21.86	/	/	21.76	/	/	<=33	Pass
		Outer_Full	21.76	/	/	21.66	/	/	<=33	Pass
		Inner_Full	21.77	/	/	21.67	/	/	<=33	Pass
		Inner_1RB_Left	21.81	/	/	21.71	/	/	<=33	Pass
		Inner_1RB_Right	21.81	/	/	21.71	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.76	/	/	21.66	/	/	<=33	Pass
		Edge_1RB_Right	21.83	/	/	21.73	/	/	<=33	Pass
		Outer_Full	21.72	/	/	21.62	/	/	<=33	Pass
		Inner_Full	21.79	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Left	21.76	/	/	21.66	/	/	<=33	Pass
		Inner_1RB_Right	21.84	/	/	21.74	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	21.96	/	/	21.86	/	/	<=33	Pass
		Edge_1RB_Right	21.99	/	/	21.89	/	/	<=33	Pass
		Outer_Full	21.92	/	/	21.82	/	/	<=33	Pass
		Inner_Full	21.96	/	/	21.86	/	/	<=33	Pass
		Inner_1RB_Left	21.92	/	/	21.82	/	/	<=33	Pass
		Inner_1RB_Right	21.92	/	/	21.82	/	/	<=33	Pass

		Inner_1RB_Right	21.94	/	/	21.84	/	/	<=33	Pass
CP-OFDM QPSK	2503.5	Edge_1RB_Left	22.70	/	/	22.60	/	/	<=33	Pass
		Edge_1RB_Right	22.72	/	/	22.62	/	/	<=33	Pass
		Outer_Full	23.13	/	/	23.03	/	/	<=33	Pass
		Inner_Full	24.63	/	/	24.53	/	/	<=33	Pass
		Inner_1RB_Left	24.41	/	/	24.31	/	/	<=33	Pass
		Inner_1RB_Right	24.51	/	/	24.41	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.70	/	/	22.60	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	22.67	/	/	<=33	Pass
		Outer_Full	23.17	/	/	23.07	/	/	<=33	Pass
		Inner_Full	24.72	/	/	24.62	/	/	<=33	Pass
		Inner_1RB_Left	24.58	/	/	24.48	/	/	<=33	Pass
		Inner_1RB_Right	24.72	/	/	24.62	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	22.94	/	/	22.84	/	/	<=33	Pass
		Edge_1RB_Right	22.87	/	/	22.77	/	/	<=33	Pass
		Outer_Full	23.41	/	/	23.31	/	/	<=33	Pass
		Inner_Full	24.89	/	/	24.79	/	/	<=33	Pass
		Inner_1RB_Left	24.80	/	/	24.70	/	/	<=33	Pass
		Inner_1RB_Right	24.74	/	/	24.64	/	/	<=33	Pass
CP-OFDM 16 QAM	2503.5	Edge_1RB_Left	22.88	/	/	22.78	/	/	<=33	Pass
		Edge_1RB_Right	22.93	/	/	22.83	/	/	<=33	Pass
		Outer_Full	23.18	/	/	23.08	/	/	<=33	Pass
		Inner_Full	24.18	/	/	24.08	/	/	<=33	Pass
		Inner_1RB_Left	24.16	/	/	24.06	/	/	<=33	Pass
		Inner_1RB_Right	24.11	/	/	24.01	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.72	/	/	22.62	/	/	<=33	Pass
		Edge_1RB_Right	22.91	/	/	22.81	/	/	<=33	Pass
		Outer_Full	23.21	/	/	23.11	/	/	<=33	Pass
		Inner_Full	24.23	/	/	24.13	/	/	<=33	Pass
		Inner_1RB_Left	24.24	/	/	24.14	/	/	<=33	Pass
		Inner_1RB_Right	24.35	/	/	24.25	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	23.10	/	/	23.00	/	/	<=33	Pass
		Edge_1RB_Right	22.98	/	/	22.88	/	/	<=33	Pass
		Outer_Full	23.43	/	/	23.33	/	/	<=33	Pass
		Inner_Full	24.45	/	/	24.35	/	/	<=33	Pass
		Inner_1RB_Left	24.31	/	/	24.21	/	/	<=33	Pass
		Inner_1RB_Right	24.26	/	/	24.16	/	/	<=33	Pass
CP-OFDM 64 QAM	2503.5	Edge_1RB_Left	22.52	/	/	22.42	/	/	<=33	Pass
		Edge_1RB_Right	22.76	/	/	22.66	/	/	<=33	Pass
		Outer_Full	22.84	/	/	22.74	/	/	<=33	Pass
		Inner_Full	22.87	/	/	22.77	/	/	<=33	Pass
		Inner_1RB_Left	22.67	/	/	22.57	/	/	<=33	Pass
		Inner_1RB_Right	22.78	/	/	22.68	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.67	/	/	22.57	/	/	<=33	Pass
		Edge_1RB_Right	22.74	/	/	22.64	/	/	<=33	Pass
		Outer_Full	22.85	/	/	22.75	/	/	<=33	Pass
		Inner_Full	22.81	/	/	22.71	/	/	<=33	Pass
		Inner_1RB_Left	22.76	/	/	22.66	/	/	<=33	Pass
		Inner_1RB_Right	22.74	/	/	22.64	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	23.03	/	/	22.93	/	/	<=33	Pass
		Edge_1RB_Right	22.74	/	/	22.64	/	/	<=33	Pass
		Outer_Full	22.98	/	/	22.88	/	/	<=33	Pass
		Inner_Full	23.01	/	/	22.91	/	/	<=33	Pass
		Inner_1RB_Left	22.85	/	/	22.75	/	/	<=33	Pass
		Inner_1RB_Right	22.77	/	/	22.67	/	/	<=33	Pass
CP-OFDM 256 QAM	2503.5	Edge_1RB_Left	19.56	/	/	19.46	/	/	<=33	Pass
		Edge_1RB_Right	19.68	/	/	19.58	/	/	<=33	Pass
		Outer_Full	19.83	/	/	19.73	/	/	<=33	Pass
		Inner_Full	19.83	/	/	19.73	/	/	<=33	Pass

		Inner_1RB_Left	19.63	/	/	19.53	/	/	<=33	Pass
		Inner_1RB_Right	19.69	/	/	19.59	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.63	/	/	19.53	/	/	<=33	Pass
		Edge_1RB_Right	19.74	/	/	19.64	/	/	<=33	Pass
		Outer_Full	19.81	/	/	19.71	/	/	<=33	Pass
		Inner_Full	19.84	/	/	19.74	/	/	<=33	Pass
		Inner_1RB_Left	19.64	/	/	19.54	/	/	<=33	Pass
		Inner_1RB_Right	19.71	/	/	19.61	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	19.88	/	/	19.78	/	/	<=33	Pass
		Edge_1RB_Right	19.73	/	/	19.63	/	/	<=33	Pass
		Outer_Full	19.96	/	/	19.86	/	/	<=33	Pass
		Inner_Full	19.95	/	/	19.85	/	/	<=33	Pass
		Inner_1RB_Left	19.82	/	/	19.72	/	/	<=33	Pass
		Inner_1RB_Right	19.80	/	/	19.70	/	/	<=33	Pass
Note1: Antenna Gain: Ant5: -0.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30_S_20M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2506.02	Edge_1RB_Left	22.57	/	/	22.47	/	/	<=33	Pass
		Edge_1RB_Right	22.65	/	/	22.55	/	/	<=33	Pass
		Outer_Full	25.00	/	/	24.90	/	/	<=33	Pass
		Inner_Full	26.01	/	/	25.91	/	/	<=33	Pass
		Inner_1RB_Left	25.94	/	/	25.84	/	/	<=33	Pass
		Inner_1RB_Right	26.02	/	/	25.92	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.77	/	/	22.67	/	/	<=33	Pass
		Edge_1RB_Right	22.86	/	/	22.76	/	/	<=33	Pass
		Outer_Full	25.21	/	/	25.11	/	/	<=33	Pass
		Inner_Full	26.20	/	/	26.10	/	/	<=33	Pass
		Inner_1RB_Left	26.16	/	/	26.06	/	/	<=33	Pass
		Inner_1RB_Right	26.27	/	/	26.17	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	22.99	/	/	22.89	/	/	<=33	Pass
		Edge_1RB_Right	22.94	/	/	22.84	/	/	<=33	Pass
		Outer_Full	25.42	/	/	25.32	/	/	<=33	Pass
		Inner_Full	26.42	/	/	26.32	/	/	<=33	Pass
		Inner_1RB_Left	26.41	/	/	26.31	/	/	<=33	Pass
		Inner_1RB_Right	26.41	/	/	26.31	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2506.02	Edge_1RB_Left	22.59	/	/	22.49	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	22.59	/	/	<=33	Pass
		Outer_Full	24.04	/	/	23.94	/	/	<=33	Pass
		Inner_Full	25.12	/	/	25.02	/	/	<=33	Pass
		Inner_1RB_Left	24.85	/	/	24.75	/	/	<=33	Pass
		Inner_1RB_Right	24.96	/	/	24.86	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.78	/	/	22.68	/	/	<=33	Pass
		Edge_1RB_Right	22.80	/	/	22.70	/	/	<=33	Pass
		Outer_Full	24.19	/	/	24.09	/	/	<=33	Pass
		Inner_Full	25.27	/	/	25.17	/	/	<=33	Pass
		Inner_1RB_Left	25.12	/	/	25.02	/	/	<=33	Pass
		Inner_1RB_Right	25.19	/	/	25.09	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	22.97	/	/	22.87	/	/	<=33	Pass
		Edge_1RB_Right	23.02	/	/	22.92	/	/	<=33	Pass
		Outer_Full	24.47	/	/	24.37	/	/	<=33	Pass
		Inner_Full	25.50	/	/	25.40	/	/	<=33	Pass
		Inner_1RB_Left	25.42	/	/	25.32	/	/	<=33	Pass
		Inner_1RB_Right	25.38	/	/	25.28	/	/	<=33	Pass

DFT-s-OFDM 64 QAM	2506.02	Edge_1RB_Left	22.56	/	/	22.46	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	22.51	/	/	<=33	Pass
		Outer_Full	23.56	/	/	23.46	/	/	<=33	Pass
		Inner_Full	23.62	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Left	23.36	/	/	23.26	/	/	<=33	Pass
		Inner_1RB_Right	23.42	/	/	23.32	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.70	/	/	22.60	/	/	<=33	Pass
		Edge_1RB_Right	22.89	/	/	22.79	/	/	<=33	Pass
		Outer_Full	23.76	/	/	23.66	/	/	<=33	Pass
		Inner_Full	23.82	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Left	23.53	/	/	23.43	/	/	<=33	Pass
		Inner_1RB_Right	23.70	/	/	23.60	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	22.89	/	/	22.79	/	/	<=33	Pass
		Edge_1RB_Right	22.85	/	/	22.75	/	/	<=33	Pass
		Outer_Full	24.01	/	/	23.91	/	/	<=33	Pass
		Inner_Full	24.01	/	/	23.91	/	/	<=33	Pass
		Inner_1RB_Left	23.90	/	/	23.80	/	/	<=33	Pass
		Inner_1RB_Right	23.84	/	/	23.74	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2506.02	Edge_1RB_Left	21.55	/	/	21.45	/	/	<=33	Pass
		Edge_1RB_Right	21.67	/	/	21.57	/	/	<=33	Pass
		Outer_Full	21.69	/	/	21.59	/	/	<=33	Pass
		Inner_Full	21.65	/	/	21.55	/	/	<=33	Pass
		Inner_1RB_Left	21.50	/	/	21.40	/	/	<=33	Pass
		Inner_1RB_Right	21.69	/	/	21.59	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.71	/	/	21.61	/	/	<=33	Pass
		Edge_1RB_Right	21.86	/	/	21.76	/	/	<=33	Pass
		Outer_Full	21.76	/	/	21.66	/	/	<=33	Pass
		Inner_Full	21.80	/	/	21.70	/	/	<=33	Pass
		Inner_1RB_Left	21.68	/	/	21.58	/	/	<=33	Pass
		Inner_1RB_Right	21.91	/	/	21.81	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	21.95	/	/	21.85	/	/	<=33	Pass
		Edge_1RB_Right	21.93	/	/	21.83	/	/	<=33	Pass
		Outer_Full	22.00	/	/	21.90	/	/	<=33	Pass
		Inner_Full	21.96	/	/	21.86	/	/	<=33	Pass
		Inner_1RB_Left	21.88	/	/	21.78	/	/	<=33	Pass
		Inner_1RB_Right	21.96	/	/	21.86	/	/	<=33	Pass
CP-OFDM QPSK	2506.02	Edge_1RB_Left	22.50	/	/	22.40	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	22.53	/	/	<=33	Pass
		Outer_Full	23.01	/	/	22.91	/	/	<=33	Pass
		Inner_Full	24.53	/	/	24.43	/	/	<=33	Pass
		Inner_1RB_Left	24.20	/	/	24.10	/	/	<=33	Pass
		Inner_1RB_Right	24.42	/	/	24.32	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.64	/	/	22.54	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	22.65	/	/	<=33	Pass
		Outer_Full	23.21	/	/	23.11	/	/	<=33	Pass
		Inner_Full	24.73	/	/	24.63	/	/	<=33	Pass
		Inner_1RB_Left	24.57	/	/	24.47	/	/	<=33	Pass
		Inner_1RB_Right	24.76	/	/	24.66	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	22.88	/	/	22.78	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	22.72	/	/	<=33	Pass
		Outer_Full	23.40	/	/	23.30	/	/	<=33	Pass
		Inner_Full	24.94	/	/	24.84	/	/	<=33	Pass
		Inner_1RB_Left	24.79	/	/	24.69	/	/	<=33	Pass
		Inner_1RB_Right	24.80	/	/	24.70	/	/	<=33	Pass
CP-OFDM 16 QAM	2506.02	Edge_1RB_Left	22.53	/	/	22.43	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	22.51	/	/	<=33	Pass
		Outer_Full	23.06	/	/	22.96	/	/	<=33	Pass
		Inner_Full	24.15	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Left	23.79	/	/	23.69	/	/	<=33	Pass

		Inner_1RB_Right	24.13	/	/	24.03	/	/	<=33	Pass		
		Edge_1RB_Left	22.76	/	/	22.66	/	/	<=33	Pass		
		Edge_1RB_Right	22.92	/	/	22.82	/	/	<=33	Pass		
		Outer_Full	23.26	/	/	23.16	/	/	<=33	Pass		
		Inner_Full	24.32	/	/	24.22	/	/	<=33	Pass		
		Inner_1RB_Left	24.18	/	/	24.08	/	/	<=33	Pass		
		Inner_1RB_Right	24.10	/	/	24.00	/	/	<=33	Pass		
		Edge_1RB_Left	22.92	/	/	22.82	/	/	<=33	Pass		
		Edge_1RB_Right	22.93	/	/	22.83	/	/	<=33	Pass		
		Outer_Full	23.51	/	/	23.41	/	/	<=33	Pass		
		Inner_Full	24.54	/	/	24.44	/	/	<=33	Pass		
		Inner_1RB_Left	24.48	/	/	24.38	/	/	<=33	Pass		
		Inner_1RB_Right	24.33	/	/	24.23	/	/	<=33	Pass		
		Edge_1RB_Left	22.66	/	/	22.56	/	/	<=33	Pass		
Edge_1RB_Right	22.68	/	/	22.58	/	/	<=33	Pass				
CP-OFDM 64 QAM	2506.02	Outer_Full	22.69	/	/	22.59	/	/	<=33	Pass		
		Inner_Full	22.66	/	/	22.56	/	/	<=33	Pass		
		Inner_1RB_Left	22.64	/	/	22.54	/	/	<=33	Pass		
		Inner_1RB_Right	22.54	/	/	22.44	/	/	<=33	Pass		
		Edge_1RB_Left	22.67	/	/	22.57	/	/	<=33	Pass		
		Edge_1RB_Right	22.67	/	/	22.57	/	/	<=33	Pass		
	2592.99	Outer_Full	22.83	/	/	22.73	/	/	<=33	Pass		
		Inner_Full	22.85	/	/	22.75	/	/	<=33	Pass		
		Inner_1RB_Left	22.69	/	/	22.59	/	/	<=33	Pass		
		Inner_1RB_Right	22.72	/	/	22.62	/	/	<=33	Pass		
		Edge_1RB_Left	22.91	/	/	22.81	/	/	<=33	Pass		
		Edge_1RB_Right	22.89	/	/	22.79	/	/	<=33	Pass		
	2679.99	Outer_Full	23.05	/	/	22.95	/	/	<=33	Pass		
		Inner_Full	23.02	/	/	22.92	/	/	<=33	Pass		
		Inner_1RB_Left	22.87	/	/	22.77	/	/	<=33	Pass		
		Inner_1RB_Right	22.92	/	/	22.82	/	/	<=33	Pass		
		Edge_1RB_Left	19.44	/	/	19.34	/	/	<=33	Pass		
		Edge_1RB_Right	19.57	/	/	19.47	/	/	<=33	Pass		
CP-OFDM 256 QAM	2506.02	Outer_Full	19.68	/	/	19.58	/	/	<=33	Pass		
		Inner_Full	19.72	/	/	19.62	/	/	<=33	Pass		
		Inner_1RB_Left	19.46	/	/	19.36	/	/	<=33	Pass		
		Inner_1RB_Right	19.55	/	/	19.45	/	/	<=33	Pass		
		Edge_1RB_Left	19.53	/	/	19.43	/	/	<=33	Pass		
		Edge_1RB_Right	19.74	/	/	19.64	/	/	<=33	Pass		
	2592.99	Outer_Full	19.82	/	/	19.72	/	/	<=33	Pass		
		Inner_Full	19.78	/	/	19.68	/	/	<=33	Pass		
		Inner_1RB_Left	19.60	/	/	19.50	/	/	<=33	Pass		
		Inner_1RB_Right	19.68	/	/	19.58	/	/	<=33	Pass		
		Edge_1RB_Left	19.79	/	/	19.69	/	/	<=33	Pass		
		Edge_1RB_Right	19.79	/	/	19.69	/	/	<=33	Pass		
	2679.99	Outer_Full	20.03	/	/	19.93	/	/	<=33	Pass		
		Inner_Full	19.96	/	/	19.86	/	/	<=33	Pass		
		Inner_1RB_Left	19.82	/	/	19.72	/	/	<=33	Pass		
		Inner_1RB_Right	19.81	/	/	19.71	/	/	<=33	Pass		
		Note1: Antenna Gain: Ant5: -0.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30_S_30M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2511	Edge_1RB_Left	22.66	/	/	22.56	/	/	<=33	Pass

		Edge_1RB_Right	22.45	/	/	22.35	/	/	<=33	Pass
		Outer_Full	25.02	/	/	24.92	/	/	<=33	Pass
		Inner_Full	26.03	/	/	25.93	/	/	<=33	Pass
		Inner_1RB_Left	26.07	/	/	25.97	/	/	<=33	Pass
		Inner_1RB_Right	25.87	/	/	25.77	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.51	/	/	22.41	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	22.65	/	/	<=33	Pass
		Outer_Full	25.07	/	/	24.97	/	/	<=33	Pass
		Inner_Full	26.06	/	/	25.96	/	/	<=33	Pass
		Inner_1RB_Left	26.06	/	/	25.96	/	/	<=33	Pass
		Inner_1RB_Right	26.27	/	/	26.17	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	22.89	/	/	22.79	/	/	<=33	Pass
		Edge_1RB_Right	22.85	/	/	22.75	/	/	<=33	Pass
		Outer_Full	25.37	/	/	25.27	/	/	<=33	Pass
		Inner_Full	26.30	/	/	26.20	/	/	<=33	Pass
		Inner_1RB_Left	26.32	/	/	26.22	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2511	Inner_1RB_Right	26.44	/	/	26.34	/	/	<=33	Pass
		Edge_1RB_Left	22.52	/	/	22.42	/	/	<=33	Pass
		Edge_1RB_Right	22.42	/	/	22.32	/	/	<=33	Pass
		Outer_Full	24.07	/	/	23.97	/	/	<=33	Pass
		Inner_Full	25.09	/	/	24.99	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	24.91	/	/	24.81	/	/	<=33	Pass
		Inner_1RB_Right	24.85	/	/	24.75	/	/	<=33	Pass
		Edge_1RB_Left	22.61	/	/	22.51	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	22.61	/	/	<=33	Pass
		Outer_Full	24.12	/	/	24.02	/	/	<=33	Pass
	2674.98	Inner_Full	25.11	/	/	25.01	/	/	<=33	Pass
		Inner_1RB_Left	25.10	/	/	25.00	/	/	<=33	Pass
		Inner_1RB_Right	25.26	/	/	25.16	/	/	<=33	Pass
		Edge_1RB_Left	22.86	/	/	22.76	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	22.68	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2511	Outer_Full	24.37	/	/	24.27	/	/	<=33	Pass
		Inner_Full	25.40	/	/	25.30	/	/	<=33	Pass
		Inner_1RB_Left	25.33	/	/	25.23	/	/	<=33	Pass
		Inner_1RB_Right	25.39	/	/	25.29	/	/	<=33	Pass
		Edge_1RB_Left	22.50	/	/	22.40	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	22.34	/	/	22.24	/	/	<=33	Pass
		Outer_Full	23.66	/	/	23.56	/	/	<=33	Pass
		Inner_Full	23.65	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Left	23.51	/	/	23.41	/	/	<=33	Pass
		Inner_1RB_Right	23.33	/	/	23.23	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	22.54	/	/	22.44	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	22.60	/	/	<=33	Pass
		Outer_Full	23.70	/	/	23.60	/	/	<=33	Pass
		Inner_Full	23.71	/	/	23.61	/	/	<=33	Pass
		Inner_1RB_Left	23.44	/	/	23.34	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2511	Inner_1RB_Right	23.62	/	/	23.52	/	/	<=33	Pass
		Edge_1RB_Left	22.79	/	/	22.69	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	22.65	/	/	<=33	Pass
		Outer_Full	23.93	/	/	23.83	/	/	<=33	Pass
		Inner_Full	23.96	/	/	23.86	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	23.78	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Right	23.90	/	/	23.80	/	/	<=33	Pass
		Edge_1RB_Left	21.58	/	/	21.48	/	/	<=33	Pass
		Edge_1RB_Right	21.41	/	/	21.31	/	/	<=33	Pass
		Outer_Full	21.58	/	/	21.48	/	/	<=33	Pass
	2511	Inner_Full	21.61	/	/	21.51	/	/	<=33	Pass
		Inner_1RB_Left	21.50	/	/	21.40	/	/	<=33	Pass
		Inner_1RB_Right	21.49	/	/	21.39	/	/	<=33	Pass

	2592.99	Edge_1RB_Left	21.55	/	/	21.45	/	/	<=33	Pass
		Edge_1RB_Right	21.72	/	/	21.62	/	/	<=33	Pass
		Outer_Full	21.67	/	/	21.57	/	/	<=33	Pass
		Inner_Full	21.68	/	/	21.58	/	/	<=33	Pass
		Inner_1RB_Left	21.49	/	/	21.39	/	/	<=33	Pass
		Inner_1RB_Right	21.82	/	/	21.72	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	21.75	/	/	21.65	/	/	<=33	Pass
		Edge_1RB_Right	21.86	/	/	21.76	/	/	<=33	Pass
		Outer_Full	21.93	/	/	21.83	/	/	<=33	Pass
		Inner_Full	21.93	/	/	21.83	/	/	<=33	Pass
		Inner_1RB_Left	21.82	/	/	21.72	/	/	<=33	Pass
		Inner_1RB_Right	21.85	/	/	21.75	/	/	<=33	Pass
CP-OFDM QPSK	2511	Edge_1RB_Left	22.45	/	/	22.35	/	/	<=33	Pass
		Edge_1RB_Right	22.36	/	/	22.26	/	/	<=33	Pass
		Outer_Full	23.08	/	/	22.98	/	/	<=33	Pass
		Inner_Full	24.60	/	/	24.50	/	/	<=33	Pass
		Inner_1RB_Left	24.34	/	/	24.24	/	/	<=33	Pass
		Inner_1RB_Right	24.27	/	/	24.17	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.53	/	/	22.43	/	/	<=33	Pass
		Edge_1RB_Right	22.67	/	/	22.57	/	/	<=33	Pass
		Outer_Full	23.16	/	/	23.06	/	/	<=33	Pass
		Inner_Full	24.70	/	/	24.60	/	/	<=33	Pass
		Inner_1RB_Left	24.57	/	/	24.47	/	/	<=33	Pass
		Inner_1RB_Right	24.64	/	/	24.54	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	22.80	/	/	22.70	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	22.72	/	/	<=33	Pass
		Outer_Full	23.45	/	/	23.35	/	/	<=33	Pass
		Inner_Full	24.92	/	/	24.82	/	/	<=33	Pass
		Inner_1RB_Left	24.77	/	/	24.67	/	/	<=33	Pass
		Inner_1RB_Right	24.83	/	/	24.73	/	/	<=33	Pass
CP-OFDM 16 QAM	2511	Edge_1RB_Left	22.52	/	/	22.42	/	/	<=33	Pass
		Edge_1RB_Right	22.42	/	/	22.32	/	/	<=33	Pass
		Outer_Full	23.06	/	/	22.96	/	/	<=33	Pass
		Inner_Full	24.12	/	/	24.02	/	/	<=33	Pass
		Inner_1RB_Left	23.94	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Right	23.94	/	/	23.84	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.48	/	/	22.38	/	/	<=33	Pass
		Edge_1RB_Right	22.73	/	/	22.63	/	/	<=33	Pass
		Outer_Full	23.15	/	/	23.05	/	/	<=33	Pass
		Inner_Full	24.17	/	/	24.07	/	/	<=33	Pass
		Inner_1RB_Left	23.97	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Right	24.17	/	/	24.07	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	22.76	/	/	22.66	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	22.67	/	/	<=33	Pass
		Outer_Full	23.46	/	/	23.36	/	/	<=33	Pass
		Inner_Full	24.43	/	/	24.33	/	/	<=33	Pass
		Inner_1RB_Left	24.34	/	/	24.24	/	/	<=33	Pass
		Inner_1RB_Right	24.25	/	/	24.15	/	/	<=33	Pass
CP-OFDM 64 QAM	2511	Edge_1RB_Left	22.63	/	/	22.53	/	/	<=33	Pass
		Edge_1RB_Right	22.37	/	/	22.27	/	/	<=33	Pass
		Outer_Full	22.64	/	/	22.54	/	/	<=33	Pass
		Inner_Full	22.69	/	/	22.59	/	/	<=33	Pass
		Inner_1RB_Left	22.39	/	/	22.29	/	/	<=33	Pass
		Inner_1RB_Right	22.30	/	/	22.20	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.49	/	/	22.39	/	/	<=33	Pass
		Edge_1RB_Right	22.60	/	/	22.50	/	/	<=33	Pass
		Outer_Full	22.72	/	/	22.62	/	/	<=33	Pass
		Inner_Full	22.81	/	/	22.71	/	/	<=33	Pass
		Inner_1RB_Left	22.66	/	/	22.56	/	/	<=33	Pass

	2674.98	Inner_1RB_Right	22.74	/	/	22.64	/	/	<=33	Pass
		Edge_1RB_Left	22.85	/	/	22.75	/	/	<=33	Pass
		Edge_1RB_Right	22.68	/	/	22.58	/	/	<=33	Pass
		Outer_Full	22.98	/	/	22.88	/	/	<=33	Pass
		Inner_Full	23.02	/	/	22.92	/	/	<=33	Pass
		Inner_1RB_Left	22.86	/	/	22.76	/	/	<=33	Pass
		Inner_1RB_Right	22.74	/	/	22.64	/	/	<=33	Pass
CP-OFDM 256 QAM	2511	Edge_1RB_Left	19.36	/	/	19.26	/	/	<=33	Pass
		Edge_1RB_Right	19.31	/	/	19.21	/	/	<=33	Pass
		Outer_Full	19.63	/	/	19.53	/	/	<=33	Pass
		Inner_Full	19.71	/	/	19.61	/	/	<=33	Pass
		Inner_1RB_Left	19.34	/	/	19.24	/	/	<=33	Pass
		Inner_1RB_Right	19.28	/	/	19.18	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.41	/	/	19.31	/	/	<=33	Pass
		Edge_1RB_Right	19.57	/	/	19.47	/	/	<=33	Pass
		Outer_Full	19.70	/	/	19.60	/	/	<=33	Pass
		Inner_Full	19.74	/	/	19.64	/	/	<=33	Pass
		Inner_1RB_Left	19.44	/	/	19.34	/	/	<=33	Pass
		Inner_1RB_Right	19.58	/	/	19.48	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	19.78	/	/	19.68	/	/	<=33	Pass
		Edge_1RB_Right	19.68	/	/	19.58	/	/	<=33	Pass
		Outer_Full	19.97	/	/	19.87	/	/	<=33	Pass
		Inner_Full	20.03	/	/	19.93	/	/	<=33	Pass
		Inner_1RB_Left	19.72	/	/	19.62	/	/	<=33	Pass
Inner_1RB_Right		19.66	/	/	19.56	/	/	<=33	Pass	
Note1: Antenna Gain: Ant5: -0.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30_S_40M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2516.01	Edge_1RB_Left	22.39	/	/	22.29	/	/	<=33	Pass
		Edge_1RB_Right	22.44	/	/	22.34	/	/	<=33	Pass
		Outer_Full	24.92	/	/	24.82	/	/	<=33	Pass
		Inner_Full	25.94	/	/	25.84	/	/	<=33	Pass
		Inner_1RB_Left	26.06	/	/	25.96	/	/	<=33	Pass
		Inner_1RB_Right	25.89	/	/	25.79	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.49	/	/	22.39	/	/	<=33	Pass
		Edge_1RB_Right	22.80	/	/	22.70	/	/	<=33	Pass
		Outer_Full	25.07	/	/	24.97	/	/	<=33	Pass
		Inner_Full	26.08	/	/	25.98	/	/	<=33	Pass
		Inner_1RB_Left	26.02	/	/	25.92	/	/	<=33	Pass
		Inner_1RB_Right	26.27	/	/	26.17	/	/	<=33	Pass
	2670	Edge_1RB_Left	22.81	/	/	22.71	/	/	<=33	Pass
		Edge_1RB_Right	22.83	/	/	22.73	/	/	<=33	Pass
		Outer_Full	25.30	/	/	25.20	/	/	<=33	Pass
		Inner_Full	26.28	/	/	26.18	/	/	<=33	Pass
		Inner_1RB_Left	26.25	/	/	26.15	/	/	<=33	Pass
		Inner_1RB_Right	26.35	/	/	26.25	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2516.01	Edge_1RB_Left	22.47	/	/	22.37	/	/	<=33	Pass
		Edge_1RB_Right	22.45	/	/	22.35	/	/	<=33	Pass
		Outer_Full	23.93	/	/	23.83	/	/	<=33	Pass
		Inner_Full	24.98	/	/	24.88	/	/	<=33	Pass
		Inner_1RB_Left	24.73	/	/	24.63	/	/	<=33	Pass
		Inner_1RB_Right	24.84	/	/	24.74	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.46	/	/	22.36	/	/	<=33	Pass

		Edge_1RB_Right	22.77	/	/	22.67	/	/	<=33	Pass
		Outer_Full	24.14	/	/	24.04	/	/	<=33	Pass
		Inner_Full	25.14	/	/	25.04	/	/	<=33	Pass
		Inner_1RB_Left	24.87	/	/	24.77	/	/	<=33	Pass
		Inner_1RB_Right	25.13	/	/	25.03	/	/	<=33	Pass
	2670	Edge_1RB_Left	22.76	/	/	22.66	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	22.67	/	/	<=33	Pass
		Outer_Full	24.33	/	/	24.23	/	/	<=33	Pass
		Inner_Full	25.31	/	/	25.21	/	/	<=33	Pass
		Inner_1RB_Left	25.22	/	/	25.12	/	/	<=33	Pass
		Inner_1RB_Right	25.34	/	/	25.24	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2516.01	Edge_1RB_Left	22.31	/	/	22.21	/	/	<=33	Pass
		Edge_1RB_Right	22.27	/	/	22.17	/	/	<=33	Pass
		Outer_Full	23.50	/	/	23.40	/	/	<=33	Pass
		Inner_Full	23.59	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Left	23.35	/	/	23.25	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	23.32	/	/	23.22	/	/	<=33	Pass
		Edge_1RB_Left	22.35	/	/	22.25	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	22.53	/	/	<=33	Pass
		Outer_Full	23.73	/	/	23.63	/	/	<=33	Pass
		Inner_Full	23.73	/	/	23.63	/	/	<=33	Pass
	2670	Inner_1RB_Left	23.30	/	/	23.20	/	/	<=33	Pass
		Inner_1RB_Right	23.71	/	/	23.61	/	/	<=33	Pass
		Edge_1RB_Left	22.63	/	/	22.53	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	22.67	/	/	<=33	Pass
		Outer_Full	23.89	/	/	23.79	/	/	<=33	Pass
		Inner_Full	23.91	/	/	23.81	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2516.01	Inner_1RB_Left	23.70	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Right	23.79	/	/	23.69	/	/	<=33	Pass
		Edge_1RB_Left	21.38	/	/	21.28	/	/	<=33	Pass
		Edge_1RB_Right	21.46	/	/	21.36	/	/	<=33	Pass
		Outer_Full	21.45	/	/	21.35	/	/	<=33	Pass
	2592.99	Inner_Full	21.49	/	/	21.39	/	/	<=33	Pass
		Inner_1RB_Left	21.43	/	/	21.33	/	/	<=33	Pass
		Inner_1RB_Right	21.35	/	/	21.25	/	/	<=33	Pass
		Edge_1RB_Left	21.40	/	/	21.30	/	/	<=33	Pass
		Edge_1RB_Right	21.72	/	/	21.62	/	/	<=33	Pass
	2670	Outer_Full	21.62	/	/	21.52	/	/	<=33	Pass
		Inner_Full	21.69	/	/	21.59	/	/	<=33	Pass
		Inner_1RB_Left	21.34	/	/	21.24	/	/	<=33	Pass
		Inner_1RB_Right	21.73	/	/	21.63	/	/	<=33	Pass
		Edge_1RB_Left	21.71	/	/	21.61	/	/	<=33	Pass
		Edge_1RB_Right	21.72	/	/	21.62	/	/	<=33	Pass
CP-OFDM QPSK	2516.01	Outer_Full	21.89	/	/	21.79	/	/	<=33	Pass
		Inner_Full	21.90	/	/	21.80	/	/	<=33	Pass
		Inner_1RB_Left	21.67	/	/	21.57	/	/	<=33	Pass
		Inner_1RB_Right	21.77	/	/	21.67	/	/	<=33	Pass
		Edge_1RB_Left	22.41	/	/	22.31	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	22.36	/	/	22.26	/	/	<=33	Pass
		Outer_Full	22.95	/	/	22.85	/	/	<=33	Pass
		Inner_Full	24.46	/	/	24.36	/	/	<=33	Pass
		Inner_1RB_Left	24.20	/	/	24.10	/	/	<=33	Pass
		Inner_1RB_Right	24.28	/	/	24.18	/	/	<=33	Pass
		Edge_1RB_Left	22.36	/	/	22.26	/	/	<=33	Pass
		Edge_1RB_Right	22.67	/	/	22.57	/	/	<=33	Pass
		Outer_Full	23.18	/	/	23.08	/	/	<=33	Pass
		Inner_Full	24.61	/	/	24.51	/	/	<=33	Pass
		Inner_1RB_Left	24.33	/	/	24.23	/	/	<=33	Pass
		Inner_1RB_Right	24.64	/	/	24.54	/	/	<=33	Pass

	2670	Edge_1RB_Left	22.64	/	/	22.54	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	22.72	/	/	<=33	Pass
		Outer_Full	23.36	/	/	23.26	/	/	<=33	Pass
		Inner_Full	24.77	/	/	24.67	/	/	<=33	Pass
		Inner_1RB_Left	24.55	/	/	24.45	/	/	<=33	Pass
		Inner_1RB_Right	24.77	/	/	24.67	/	/	<=33	Pass
CP-OFDM 16 QAM	2516.01	Edge_1RB_Left	22.45	/	/	22.35	/	/	<=33	Pass
		Edge_1RB_Right	22.41	/	/	22.31	/	/	<=33	Pass
		Outer_Full	23.01	/	/	22.91	/	/	<=33	Pass
		Inner_Full	24.00	/	/	23.90	/	/	<=33	Pass
		Inner_1RB_Left	23.68	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Right	23.82	/	/	23.72	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.37	/	/	22.27	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	22.67	/	/	<=33	Pass
		Outer_Full	23.17	/	/	23.07	/	/	<=33	Pass
		Inner_Full	24.17	/	/	24.07	/	/	<=33	Pass
		Inner_1RB_Left	23.96	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Right	24.26	/	/	24.16	/	/	<=33	Pass
	2670	Edge_1RB_Left	22.71	/	/	22.61	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	22.60	/	/	<=33	Pass
		Outer_Full	23.35	/	/	23.25	/	/	<=33	Pass
		Inner_Full	24.33	/	/	24.23	/	/	<=33	Pass
		Inner_1RB_Left	24.26	/	/	24.16	/	/	<=33	Pass
		Inner_1RB_Right	24.37	/	/	24.27	/	/	<=33	Pass
CP-OFDM 64 QAM	2516.01	Edge_1RB_Left	22.24	/	/	22.14	/	/	<=33	Pass
		Edge_1RB_Right	22.43	/	/	22.33	/	/	<=33	Pass
		Outer_Full	22.45	/	/	22.35	/	/	<=33	Pass
		Inner_Full	22.54	/	/	22.44	/	/	<=33	Pass
		Inner_1RB_Left	22.37	/	/	22.27	/	/	<=33	Pass
		Inner_1RB_Right	22.39	/	/	22.29	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.40	/	/	22.30	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	22.67	/	/	<=33	Pass
		Outer_Full	22.70	/	/	22.60	/	/	<=33	Pass
		Inner_Full	22.75	/	/	22.65	/	/	<=33	Pass
		Inner_1RB_Left	22.41	/	/	22.31	/	/	<=33	Pass
		Inner_1RB_Right	22.57	/	/	22.47	/	/	<=33	Pass
	2670	Edge_1RB_Left	22.73	/	/	22.63	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	22.53	/	/	<=33	Pass
		Outer_Full	22.90	/	/	22.80	/	/	<=33	Pass
		Inner_Full	22.87	/	/	22.77	/	/	<=33	Pass
		Inner_1RB_Left	22.68	/	/	22.58	/	/	<=33	Pass
		Inner_1RB_Right	22.74	/	/	22.64	/	/	<=33	Pass
CP-OFDM 256 QAM	2516.01	Edge_1RB_Left	19.39	/	/	19.29	/	/	<=33	Pass
		Edge_1RB_Right	19.38	/	/	19.28	/	/	<=33	Pass
		Outer_Full	19.59	/	/	19.49	/	/	<=33	Pass
		Inner_Full	19.56	/	/	19.46	/	/	<=33	Pass
		Inner_1RB_Left	19.39	/	/	19.29	/	/	<=33	Pass
		Inner_1RB_Right	19.29	/	/	19.19	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.30	/	/	19.20	/	/	<=33	Pass
		Edge_1RB_Right	19.58	/	/	19.48	/	/	<=33	Pass
		Outer_Full	19.66	/	/	19.56	/	/	<=33	Pass
		Inner_Full	19.72	/	/	19.62	/	/	<=33	Pass
		Inner_1RB_Left	19.36	/	/	19.26	/	/	<=33	Pass
		Inner_1RB_Right	19.63	/	/	19.53	/	/	<=33	Pass
	2670	Edge_1RB_Left	19.66	/	/	19.56	/	/	<=33	Pass
		Edge_1RB_Right	19.75	/	/	19.65	/	/	<=33	Pass
		Outer_Full	19.90	/	/	19.80	/	/	<=33	Pass
		Inner_Full	19.94	/	/	19.84	/	/	<=33	Pass
		Inner_1RB_Left	19.62	/	/	19.52	/	/	<=33	Pass

		Inner_1RB_Right	19.67	/	/	19.57	/	/	<=33	Pass
Note1: Antenna Gain: Ant5: -0.10dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30_S_50M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2521.02	Edge_1RB_Left	22.54	/	/	22.44	/	/	<=33	Pass
		Edge_1RB_Right	22.62	/	/	22.52	/	/	<=33	Pass
		Outer_Full	24.95	/	/	24.85	/	/	<=33	Pass
		Inner_Full	25.98	/	/	25.88	/	/	<=33	Pass
		Inner_1RB_Left	25.99	/	/	25.89	/	/	<=33	Pass
		Inner_1RB_Right	25.99	/	/	25.89	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.37	/	/	22.27	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	22.68	/	/	<=33	Pass
		Outer_Full	25.12	/	/	25.02	/	/	<=33	Pass
		Inner_Full	26.09	/	/	25.99	/	/	<=33	Pass
		Inner_1RB_Left	25.82	/	/	25.72	/	/	<=33	Pass
		Inner_1RB_Right	26.10	/	/	26.00	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.86	/	/	22.76	/	/	<=33	Pass
		Edge_1RB_Right	22.73	/	/	22.63	/	/	<=33	Pass
		Outer_Full	25.33	/	/	25.23	/	/	<=33	Pass
		Inner_Full	26.28	/	/	26.18	/	/	<=33	Pass
		Inner_1RB_Left	26.31	/	/	26.21	/	/	<=33	Pass
		Inner_1RB_Right	26.21	/	/	26.11	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2521.02	Edge_1RB_Left	22.51	/	/	22.41	/	/	<=33	Pass
		Edge_1RB_Right	22.54	/	/	22.44	/	/	<=33	Pass
		Outer_Full	24.04	/	/	23.94	/	/	<=33	Pass
		Inner_Full	25.02	/	/	24.92	/	/	<=33	Pass
		Inner_1RB_Left	24.89	/	/	24.79	/	/	<=33	Pass
		Inner_1RB_Right	25.01	/	/	24.91	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.34	/	/	22.24	/	/	<=33	Pass
		Edge_1RB_Right	22.73	/	/	22.63	/	/	<=33	Pass
		Outer_Full	24.12	/	/	24.02	/	/	<=33	Pass
		Inner_Full	25.20	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Left	24.83	/	/	24.73	/	/	<=33	Pass
		Inner_1RB_Right	25.14	/	/	25.04	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.98	/	/	22.88	/	/	<=33	Pass
		Edge_1RB_Right	22.64	/	/	22.54	/	/	<=33	Pass
		Outer_Full	24.40	/	/	24.30	/	/	<=33	Pass
		Inner_Full	25.35	/	/	25.25	/	/	<=33	Pass
		Inner_1RB_Left	25.23	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Right	25.25	/	/	25.15	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2521.02	Edge_1RB_Left	22.45	/	/	22.35	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	22.41	/	/	<=33	Pass
		Outer_Full	23.60	/	/	23.50	/	/	<=33	Pass
		Inner_Full	23.62	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Left	23.37	/	/	23.27	/	/	<=33	Pass
		Inner_1RB_Right	23.42	/	/	23.32	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.30	/	/	22.20	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	22.53	/	/	<=33	Pass
		Outer_Full	23.72	/	/	23.62	/	/	<=33	Pass
		Inner_Full	23.78	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Left	23.38	/	/	23.28	/	/	<=33	Pass
		Inner_1RB_Right	23.70	/	/	23.60	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.77	/	/	22.67	/	/	<=33	Pass

		Edge_1RB_Right	22.59	/	/	22.49	/	/	<=33	Pass
		Outer_Full	24.00	/	/	23.90	/	/	<=33	Pass
		Inner_Full	23.95	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Left	23.77	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Right	23.64	/	/	23.54	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2521.02	Edge_1RB_Left	21.56	/	/	21.46	/	/	<=33	Pass
		Edge_1RB_Right	21.52	/	/	21.42	/	/	<=33	Pass
		Outer_Full	21.60	/	/	21.50	/	/	<=33	Pass
		Inner_Full	21.58	/	/	21.48	/	/	<=33	Pass
		Inner_1RB_Left	21.51	/	/	21.41	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	21.55	/	/	21.45	/	/	<=33	Pass
		Edge_1RB_Left	21.37	/	/	21.27	/	/	<=33	Pass
		Edge_1RB_Right	21.74	/	/	21.64	/	/	<=33	Pass
		Outer_Full	21.70	/	/	21.60	/	/	<=33	Pass
		Inner_Full	21.76	/	/	21.66	/	/	<=33	Pass
	2664.99	Inner_1RB_Left	21.29	/	/	21.19	/	/	<=33	Pass
		Inner_1RB_Right	21.72	/	/	21.62	/	/	<=33	Pass
		Edge_1RB_Left	21.74	/	/	21.64	/	/	<=33	Pass
		Edge_1RB_Right	21.70	/	/	21.60	/	/	<=33	Pass
		Outer_Full	21.92	/	/	21.82	/	/	<=33	Pass
CP-OFDM QPSK	2521.02	Inner_Full	21.92	/	/	21.82	/	/	<=33	Pass
		Inner_1RB_Left	21.75	/	/	21.65	/	/	<=33	Pass
		Inner_1RB_Right	21.67	/	/	21.57	/	/	<=33	Pass
		Edge_1RB_Left	22.45	/	/	22.35	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	22.43	/	/	<=33	Pass
	2592.99	Outer_Full	22.99	/	/	22.89	/	/	<=33	Pass
		Inner_Full	24.54	/	/	24.44	/	/	<=33	Pass
		Inner_1RB_Left	24.35	/	/	24.25	/	/	<=33	Pass
		Inner_1RB_Right	24.48	/	/	24.38	/	/	<=33	Pass
		Edge_1RB_Left	22.27	/	/	22.17	/	/	<=33	Pass
	2664.99	Edge_1RB_Right	22.63	/	/	22.53	/	/	<=33	Pass
		Outer_Full	23.08	/	/	22.98	/	/	<=33	Pass
		Inner_Full	24.65	/	/	24.55	/	/	<=33	Pass
		Inner_1RB_Left	24.20	/	/	24.10	/	/	<=33	Pass
		Inner_1RB_Right	24.64	/	/	24.54	/	/	<=33	Pass
CP-OFDM 16 QAM	2521.02	Edge_1RB_Left	22.71	/	/	22.61	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	22.53	/	/	<=33	Pass
		Outer_Full	23.27	/	/	23.17	/	/	<=33	Pass
		Inner_Full	24.81	/	/	24.71	/	/	<=33	Pass
		Inner_1RB_Left	24.64	/	/	24.54	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	24.59	/	/	24.49	/	/	<=33	Pass
		Edge_1RB_Left	22.60	/	/	22.50	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	22.43	/	/	<=33	Pass
		Outer_Full	23.05	/	/	22.95	/	/	<=33	Pass
		Inner_Full	24.02	/	/	23.92	/	/	<=33	Pass
	2664.99	Inner_1RB_Left	23.92	/	/	23.82	/	/	<=33	Pass
		Inner_1RB_Right	23.96	/	/	23.86	/	/	<=33	Pass
		Edge_1RB_Left	22.29	/	/	22.19	/	/	<=33	Pass
		Edge_1RB_Right	22.66	/	/	22.56	/	/	<=33	Pass
		Outer_Full	23.14	/	/	23.04	/	/	<=33	Pass
	2521.02	Inner_Full	24.19	/	/	24.09	/	/	<=33	Pass
		Inner_1RB_Left	23.77	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Right	24.22	/	/	24.12	/	/	<=33	Pass
		Edge_1RB_Left	22.87	/	/	22.77	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	22.60	/	/	<=33	Pass
	2592.99	Outer_Full	23.34	/	/	23.24	/	/	<=33	Pass
		Inner_Full	24.35	/	/	24.25	/	/	<=33	Pass
		Inner_1RB_Left	24.32	/	/	24.22	/	/	<=33	Pass
		Inner_1RB_Right	24.21	/	/	24.11	/	/	<=33	Pass
		Edge_1RB_Left	22.59	/	/	22.49	/	/	<=33	Pass
	2664.99	Outer_Full	24.00	/	/	23.90	/	/	<=33	Pass
		Inner_Full	23.95	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Left	23.77	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Right	23.64	/	/	23.54	/	/	<=33	Pass
		Edge_1RB_Left	21.56	/	/	21.46	/	/	<=33	Pass

CP-OFDM 64 QAM	2521.02	Edge_1RB_Left	22.49	/	/	22.39	/	/	<=33	Pass
		Edge_1RB_Right	22.54	/	/	22.44	/	/	<=33	Pass
		Outer_Full	22.60	/	/	22.50	/	/	<=33	Pass
		Inner_Full	22.57	/	/	22.47	/	/	<=33	Pass
		Inner_1RB_Left	22.35	/	/	22.25	/	/	<=33	Pass
		Inner_1RB_Right	22.43	/	/	22.33	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.20	/	/	22.10	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	22.59	/	/	<=33	Pass
		Outer_Full	22.67	/	/	22.57	/	/	<=33	Pass
		Inner_Full	22.76	/	/	22.66	/	/	<=33	Pass
		Inner_1RB_Left	22.18	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Right	22.47	/	/	22.37	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.69	/	/	22.59	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	22.43	/	/	<=33	Pass
		Outer_Full	22.95	/	/	22.85	/	/	<=33	Pass
		Inner_Full	22.96	/	/	22.86	/	/	<=33	Pass
		Inner_1RB_Left	22.64	/	/	22.54	/	/	<=33	Pass
		Inner_1RB_Right	22.71	/	/	22.61	/	/	<=33	Pass
CP-OFDM 256 QAM	2521.02	Edge_1RB_Left	19.41	/	/	19.31	/	/	<=33	Pass
		Edge_1RB_Right	19.53	/	/	19.43	/	/	<=33	Pass
		Outer_Full	19.57	/	/	19.47	/	/	<=33	Pass
		Inner_Full	19.60	/	/	19.50	/	/	<=33	Pass
		Inner_1RB_Left	19.39	/	/	19.29	/	/	<=33	Pass
		Inner_1RB_Right	19.45	/	/	19.35	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.21	/	/	19.11	/	/	<=33	Pass
		Edge_1RB_Right	19.61	/	/	19.51	/	/	<=33	Pass
		Outer_Full	19.70	/	/	19.60	/	/	<=33	Pass
		Inner_Full	19.79	/	/	19.69	/	/	<=33	Pass
		Inner_1RB_Left	19.31	/	/	19.21	/	/	<=33	Pass
		Inner_1RB_Right	19.65	/	/	19.55	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	19.67	/	/	19.57	/	/	<=33	Pass
		Edge_1RB_Right	19.55	/	/	19.45	/	/	<=33	Pass
		Outer_Full	19.93	/	/	19.83	/	/	<=33	Pass
		Inner_Full	19.96	/	/	19.86	/	/	<=33	Pass
		Inner_1RB_Left	19.68	/	/	19.58	/	/	<=33	Pass
		Inner_1RB_Right	19.67	/	/	19.57	/	/	<=33	Pass
Note1: Antenna Gain: Ant5: -0.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30_S_60M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2526	Edge_1RB_Left	22.48	/	/	22.38	/	/	<=33	Pass
		Edge_1RB_Right	22.64	/	/	22.54	/	/	<=33	Pass
		Outer_Full	24.93	/	/	24.83	/	/	<=33	Pass
		Inner_Full	25.89	/	/	25.79	/	/	<=33	Pass
		Inner_1RB_Left	25.89	/	/	25.79	/	/	<=33	Pass
		Inner_1RB_Right	26.01	/	/	25.91	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.45	/	/	22.35	/	/	<=33	Pass
		Edge_1RB_Right	22.83	/	/	22.73	/	/	<=33	Pass
		Outer_Full	25.03	/	/	24.93	/	/	<=33	Pass
		Inner_Full	26.03	/	/	25.93	/	/	<=33	Pass
		Inner_1RB_Left	25.97	/	/	25.87	/	/	<=33	Pass
		Inner_1RB_Right	26.29	/	/	26.19	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.82	/	/	22.72	/	/	<=33	Pass
		Edge_1RB_Right	22.86	/	/	22.76	/	/	<=33	Pass

		Outer_Full	25.27	/	/	25.17	/	/	<=33	Pass
		Inner_Full	26.16	/	/	26.06	/	/	<=33	Pass
		Inner_1RB_Left	26.28	/	/	26.18	/	/	<=33	Pass
		Inner_1RB_Right	26.35	/	/	26.25	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2526	Edge_1RB_Left	22.40	/	/	22.30	/	/	<=33	Pass
		Edge_1RB_Right	22.59	/	/	22.49	/	/	<=33	Pass
		Outer_Full	23.94	/	/	23.84	/	/	<=33	Pass
		Inner_Full	24.94	/	/	24.84	/	/	<=33	Pass
		Inner_1RB_Left	24.94	/	/	24.84	/	/	<=33	Pass
		Inner_1RB_Right	25.03	/	/	24.93	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.48	/	/	22.38	/	/	<=33	Pass
		Edge_1RB_Right	22.96	/	/	22.86	/	/	<=33	Pass
		Outer_Full	24.10	/	/	24.00	/	/	<=33	Pass
		Inner_Full	25.15	/	/	25.05	/	/	<=33	Pass
		Inner_1RB_Left	24.93	/	/	24.83	/	/	<=33	Pass
		Inner_1RB_Right	25.18	/	/	25.08	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.74	/	/	22.64	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	22.60	/	/	<=33	Pass
		Outer_Full	24.27	/	/	24.17	/	/	<=33	Pass
		Inner_Full	25.23	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Left	25.14	/	/	25.04	/	/	<=33	Pass
		Inner_1RB_Right	25.23	/	/	25.13	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2526	Edge_1RB_Left	22.46	/	/	22.36	/	/	<=33	Pass
		Edge_1RB_Right	22.57	/	/	22.47	/	/	<=33	Pass
		Outer_Full	23.49	/	/	23.39	/	/	<=33	Pass
		Inner_Full	23.49	/	/	23.39	/	/	<=33	Pass
		Inner_1RB_Left	23.35	/	/	23.25	/	/	<=33	Pass
		Inner_1RB_Right	23.45	/	/	23.35	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.39	/	/	22.29	/	/	<=33	Pass
		Edge_1RB_Right	22.73	/	/	22.63	/	/	<=33	Pass
		Outer_Full	23.64	/	/	23.54	/	/	<=33	Pass
		Inner_Full	23.85	/	/	23.75	/	/	<=33	Pass
		Inner_1RB_Left	23.41	/	/	23.31	/	/	<=33	Pass
		Inner_1RB_Right	23.69	/	/	23.59	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.68	/	/	22.58	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	22.59	/	/	<=33	Pass
		Outer_Full	23.78	/	/	23.68	/	/	<=33	Pass
		Inner_Full	23.84	/	/	23.74	/	/	<=33	Pass
		Inner_1RB_Left	23.69	/	/	23.59	/	/	<=33	Pass
		Inner_1RB_Right	23.86	/	/	23.76	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2526	Edge_1RB_Left	21.42	/	/	21.32	/	/	<=33	Pass
		Edge_1RB_Right	21.55	/	/	21.45	/	/	<=33	Pass
		Outer_Full	21.52	/	/	21.42	/	/	<=33	Pass
		Inner_Full	21.52	/	/	21.42	/	/	<=33	Pass
		Inner_1RB_Left	21.38	/	/	21.28	/	/	<=33	Pass
		Inner_1RB_Right	21.57	/	/	21.47	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.35	/	/	21.25	/	/	<=33	Pass
		Edge_1RB_Right	21.81	/	/	21.71	/	/	<=33	Pass
		Outer_Full	21.64	/	/	21.54	/	/	<=33	Pass
		Inner_Full	21.75	/	/	21.65	/	/	<=33	Pass
		Inner_1RB_Left	21.31	/	/	21.21	/	/	<=33	Pass
		Inner_1RB_Right	21.81	/	/	21.71	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	21.71	/	/	21.61	/	/	<=33	Pass
		Edge_1RB_Right	21.75	/	/	21.65	/	/	<=33	Pass
		Outer_Full	21.86	/	/	21.76	/	/	<=33	Pass
		Inner_Full	21.81	/	/	21.71	/	/	<=33	Pass
		Inner_1RB_Left	21.75	/	/	21.65	/	/	<=33	Pass
		Inner_1RB_Right	21.78	/	/	21.68	/	/	<=33	Pass
CP-OFDM QPSK	2526	Edge_1RB_Left	22.35	/	/	22.25	/	/	<=33	Pass

		Edge_1RB_Right	22.50	/	/	22.40	/	/	<=33	Pass
		Outer_Full	22.93	/	/	22.83	/	/	<=33	Pass
		Inner_Full	24.33	/	/	24.23	/	/	<=33	Pass
		Inner_1RB_Left	24.28	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Right	24.42	/	/	24.32	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.25	/	/	22.15	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	22.68	/	/	<=33	Pass
		Outer_Full	23.11	/	/	23.01	/	/	<=33	Pass
		Inner_Full	24.60	/	/	24.50	/	/	<=33	Pass
		Inner_1RB_Left	24.32	/	/	24.22	/	/	<=33	Pass
	2659.98	Inner_1RB_Right	24.73	/	/	24.63	/	/	<=33	Pass
		Edge_1RB_Left	22.69	/	/	22.59	/	/	<=33	Pass
		Edge_1RB_Right	22.67	/	/	22.57	/	/	<=33	Pass
		Outer_Full	23.22	/	/	23.12	/	/	<=33	Pass
		Inner_Full	24.70	/	/	24.60	/	/	<=33	Pass
CP-OFDM 16 QAM	2526	Inner_1RB_Left	24.64	/	/	24.54	/	/	<=33	Pass
		Inner_1RB_Right	24.79	/	/	24.69	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.37	/	/	22.27	/	/	<=33	Pass
		Edge_1RB_Right	22.57	/	/	22.47	/	/	<=33	Pass
		Outer_Full	22.93	/	/	22.83	/	/	<=33	Pass
	2659.98	Inner_Full	23.93	/	/	23.83	/	/	<=33	Pass
		Inner_1RB_Left	23.75	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Right	23.95	/	/	23.85	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.40	/	/	22.30	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	22.61	/	/	<=33	Pass
		Outer_Full	23.12	/	/	23.02	/	/	<=33	Pass
		Inner_Full	24.21	/	/	24.11	/	/	<=33	Pass
		Inner_1RB_Left	23.89	/	/	23.79	/	/	<=33	Pass
CP-OFDM 64 QAM	2526	Inner_1RB_Right	24.14	/	/	24.04	/	/	<=33	Pass
		Edge_1RB_Left	22.73	/	/	22.63	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	22.60	/	/	<=33	Pass
		Outer_Full	23.21	/	/	23.11	/	/	<=33	Pass
		Inner_Full	24.27	/	/	24.17	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	24.02	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Right	24.14	/	/	24.04	/	/	<=33	Pass
		Edge_1RB_Left	22.26	/	/	22.16	/	/	<=33	Pass
		Edge_1RB_Right	22.52	/	/	22.42	/	/	<=33	Pass
		Outer_Full	22.50	/	/	22.40	/	/	<=33	Pass
	2659.98	Inner_Full	22.49	/	/	22.39	/	/	<=33	Pass
		Inner_1RB_Left	22.27	/	/	22.17	/	/	<=33	Pass
		Inner_1RB_Right	22.56	/	/	22.46	/	/	<=33	Pass
		Edge_1RB_Left	22.34	/	/	22.24	/	/	<=33	Pass
		Edge_1RB_Right	22.56	/	/	22.46	/	/	<=33	Pass
CP-OFDM 256 QAM	2526	Outer_Full	22.67	/	/	22.57	/	/	<=33	Pass
		Inner_Full	22.75	/	/	22.65	/	/	<=33	Pass
		Inner_1RB_Left	22.39	/	/	22.29	/	/	<=33	Pass
		Inner_1RB_Right	22.66	/	/	22.56	/	/	<=33	Pass
		Edge_1RB_Left	22.57	/	/	22.47	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	22.62	/	/	22.52	/	/	<=33	Pass
		Outer_Full	22.84	/	/	22.74	/	/	<=33	Pass
		Inner_Full	22.85	/	/	22.75	/	/	<=33	Pass
		Inner_1RB_Left	22.68	/	/	22.58	/	/	<=33	Pass
		Inner_1RB_Right	22.75	/	/	22.65	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	19.28	/	/	19.18	/	/	<=33	Pass
		Edge_1RB_Right	19.50	/	/	19.40	/	/	<=33	Pass
		Outer_Full	19.53	/	/	19.43	/	/	<=33	Pass
		Inner_Full	19.47	/	/	19.37	/	/	<=33	Pass
		Inner_1RB_Left	19.29	/	/	19.19	/	/	<=33	Pass
	2526	Inner_1RB_Right	19.50	/	/	19.40	/	/	<=33	Pass

	2592.99	Edge_1RB_Left	19.20	/	/	19.10	/	/	<=33	Pass
		Edge_1RB_Right	19.66	/	/	19.56	/	/	<=33	Pass
		Outer_Full	19.74	/	/	19.64	/	/	<=33	Pass
		Inner_Full	19.70	/	/	19.60	/	/	<=33	Pass
		Inner_1RB_Left	19.27	/	/	19.17	/	/	<=33	Pass
		Inner_1RB_Right	19.67	/	/	19.57	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	19.59	/	/	19.49	/	/	<=33	Pass
		Edge_1RB_Right	19.60	/	/	19.50	/	/	<=33	Pass
		Outer_Full	19.81	/	/	19.71	/	/	<=33	Pass
		Inner_Full	19.83	/	/	19.73	/	/	<=33	Pass
		Inner_1RB_Left	19.58	/	/	19.48	/	/	<=33	Pass
		Inner_1RB_Right	19.66	/	/	19.56	/	/	<=33	Pass
Note1: Antenna Gain: Ant5: -0.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30_S_70M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2531.01	Edge_1RB_Left	22.72	/	/	22.62	/	/	<=33	Pass
		Edge_1RB_Right	22.56	/	/	22.46	/	/	<=33	Pass
		Outer_Full	25.03	/	/	24.93	/	/	<=33	Pass
		Inner_Full	26.03	/	/	25.93	/	/	<=33	Pass
		Inner_1RB_Left	26.04	/	/	25.94	/	/	<=33	Pass
		Inner_1RB_Right	25.95	/	/	25.85	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.69	/	/	22.59	/	/	<=33	Pass
		Edge_1RB_Right	22.83	/	/	22.73	/	/	<=33	Pass
		Outer_Full	25.14	/	/	25.04	/	/	<=33	Pass
		Inner_Full	26.17	/	/	26.07	/	/	<=33	Pass
		Inner_1RB_Left	26.08	/	/	25.98	/	/	<=33	Pass
		Inner_1RB_Right	26.35	/	/	26.25	/	/	<=33	Pass
	2655	Edge_1RB_Left	22.87	/	/	22.77	/	/	<=33	Pass
		Edge_1RB_Right	23.02	/	/	22.92	/	/	<=33	Pass
		Outer_Full	25.29	/	/	25.19	/	/	<=33	Pass
		Inner_Full	26.16	/	/	26.06	/	/	<=33	Pass
		Inner_1RB_Left	26.28	/	/	26.18	/	/	<=33	Pass
		Inner_1RB_Right	26.30	/	/	26.20	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2531.01	Edge_1RB_Left	22.61	/	/	22.51	/	/	<=33	Pass
		Edge_1RB_Right	22.45	/	/	22.35	/	/	<=33	Pass
		Outer_Full	24.02	/	/	23.92	/	/	<=33	Pass
		Inner_Full	25.06	/	/	24.96	/	/	<=33	Pass
		Inner_1RB_Left	24.98	/	/	24.88	/	/	<=33	Pass
		Inner_1RB_Right	24.88	/	/	24.78	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.60	/	/	22.50	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	22.72	/	/	<=33	Pass
		Outer_Full	24.15	/	/	24.05	/	/	<=33	Pass
		Inner_Full	25.23	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Left	24.99	/	/	24.89	/	/	<=33	Pass
		Inner_1RB_Right	25.22	/	/	25.12	/	/	<=33	Pass
	2655	Edge_1RB_Left	22.85	/	/	22.75	/	/	<=33	Pass
		Edge_1RB_Right	22.91	/	/	22.81	/	/	<=33	Pass
		Outer_Full	24.44	/	/	24.34	/	/	<=33	Pass
		Inner_Full	25.30	/	/	25.20	/	/	<=33	Pass
		Inner_1RB_Left	25.29	/	/	25.19	/	/	<=33	Pass
		Inner_1RB_Right	25.33	/	/	25.23	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2531.01	Edge_1RB_Left	22.60	/	/	22.50	/	/	<=33	Pass
		Edge_1RB_Right	22.49	/	/	22.39	/	/	<=33	Pass

		Outer_Full	23.59	/	/	23.49	/	/	<=33	Pass
		Inner_Full	23.57	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	23.48	/	/	23.38	/	/	<=33	Pass
		Inner_1RB_Right	23.39	/	/	23.29	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.54	/	/	22.44	/	/	<=33	Pass
		Edge_1RB_Right	22.62	/	/	22.52	/	/	<=33	Pass
		Outer_Full	23.71	/	/	23.61	/	/	<=33	Pass
		Inner_Full	23.75	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Left	23.45	/	/	23.35	/	/	<=33	Pass
		Inner_1RB_Right	23.74	/	/	23.64	/	/	<=33	Pass
		Edge_1RB_Left	22.89	/	/	22.79	/	/	<=33	Pass
		Edge_1RB_Right	22.99	/	/	22.89	/	/	<=33	Pass
	2655	Outer_Full	23.91	/	/	23.81	/	/	<=33	Pass
		Inner_Full	23.80	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Left	23.81	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Right	23.83	/	/	23.73	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2531.01	Edge_1RB_Left	21.64	/	/	21.54	/	/	<=33	Pass
		Edge_1RB_Right	21.43	/	/	21.33	/	/	<=33	Pass
		Outer_Full	21.62	/	/	21.52	/	/	<=33	Pass
		Inner_Full	21.65	/	/	21.55	/	/	<=33	Pass
		Inner_1RB_Left	21.57	/	/	21.47	/	/	<=33	Pass
		Inner_1RB_Right	21.46	/	/	21.36	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.60	/	/	21.50	/	/	<=33	Pass
		Edge_1RB_Right	21.81	/	/	21.71	/	/	<=33	Pass
		Outer_Full	21.70	/	/	21.60	/	/	<=33	Pass
		Inner_Full	21.76	/	/	21.66	/	/	<=33	Pass
		Inner_1RB_Left	21.62	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Right	21.80	/	/	21.70	/	/	<=33	Pass
	2655	Edge_1RB_Left	21.91	/	/	21.81	/	/	<=33	Pass
		Edge_1RB_Right	21.99	/	/	21.89	/	/	<=33	Pass
		Outer_Full	21.95	/	/	21.85	/	/	<=33	Pass
		Inner_Full	21.91	/	/	21.81	/	/	<=33	Pass
CP-OFDM QPSK	2531.01	Inner_1RB_Left	21.90	/	/	21.80	/	/	<=33	Pass
		Inner_1RB_Right	22.04	/	/	21.94	/	/	<=33	Pass
		Edge_1RB_Left	22.59	/	/	22.49	/	/	<=33	Pass
		Edge_1RB_Right	22.48	/	/	22.38	/	/	<=33	Pass
	2592.99	Outer_Full	23.02	/	/	22.92	/	/	<=33	Pass
		Inner_Full	24.51	/	/	24.41	/	/	<=33	Pass
		Inner_1RB_Left	24.39	/	/	24.29	/	/	<=33	Pass
		Inner_1RB_Right	24.34	/	/	24.24	/	/	<=33	Pass
		Edge_1RB_Left	22.62	/	/	22.52	/	/	<=33	Pass
		Edge_1RB_Right	22.76	/	/	22.66	/	/	<=33	Pass
	2655	Outer_Full	23.16	/	/	23.06	/	/	<=33	Pass
		Inner_Full	24.67	/	/	24.57	/	/	<=33	Pass
		Inner_1RB_Left	24.39	/	/	24.29	/	/	<=33	Pass
		Inner_1RB_Right	24.72	/	/	24.62	/	/	<=33	Pass
CP-OFDM 16 QAM	2531.01	Edge_1RB_Left	22.77	/	/	22.67	/	/	<=33	Pass
		Edge_1RB_Right	22.96	/	/	22.86	/	/	<=33	Pass
		Outer_Full	23.37	/	/	23.27	/	/	<=33	Pass
		Inner_Full	24.70	/	/	24.60	/	/	<=33	Pass
		Inner_1RB_Left	24.77	/	/	24.67	/	/	<=33	Pass
		Inner_1RB_Right	24.83	/	/	24.73	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.72	/	/	22.62	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	22.51	/	/	<=33	Pass
		Outer_Full	23.08	/	/	22.98	/	/	<=33	Pass
		Inner_Full	24.05	/	/	23.95	/	/	<=33	Pass
		Inner_1RB_Left	24.11	/	/	24.01	/	/	<=33	Pass
		Inner_1RB_Right	23.95	/	/	23.85	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.62	/	/	22.52	/	/	<=33	Pass

		Edge_1RB_Right	22.80	/	/	22.70	/	/	<=33	Pass
		Outer_Full	23.15	/	/	23.05	/	/	<=33	Pass
		Inner_Full	24.22	/	/	24.12	/	/	<=33	Pass
		Inner_1RB_Left	24.13	/	/	24.03	/	/	<=33	Pass
		Inner_1RB_Right	24.38	/	/	24.28	/	/	<=33	Pass
	2655	Edge_1RB_Left	22.83	/	/	22.73	/	/	<=33	Pass
		Edge_1RB_Right	23.02	/	/	22.92	/	/	<=33	Pass
		Outer_Full	23.43	/	/	23.33	/	/	<=33	Pass
		Inner_Full	24.28	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Left	24.53	/	/	24.43	/	/	<=33	Pass
		Inner_1RB_Right	24.53	/	/	24.43	/	/	<=33	Pass
CP-OFDM 64 QAM	2531.01	Edge_1RB_Left	22.56	/	/	22.46	/	/	<=33	Pass
		Edge_1RB_Right	22.43	/	/	22.33	/	/	<=33	Pass
		Outer_Full	22.68	/	/	22.58	/	/	<=33	Pass
		Inner_Full	22.64	/	/	22.54	/	/	<=33	Pass
		Inner_1RB_Left	22.42	/	/	22.32	/	/	<=33	Pass
		Inner_1RB_Right	22.46	/	/	22.36	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.60	/	/	22.50	/	/	<=33	Pass
		Edge_1RB_Right	22.79	/	/	22.69	/	/	<=33	Pass
		Outer_Full	22.74	/	/	22.64	/	/	<=33	Pass
		Inner_Full	22.81	/	/	22.71	/	/	<=33	Pass
		Inner_1RB_Left	22.57	/	/	22.47	/	/	<=33	Pass
		Inner_1RB_Right	22.70	/	/	22.60	/	/	<=33	Pass
	2655	Edge_1RB_Left	22.84	/	/	22.74	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	22.68	/	/	<=33	Pass
		Outer_Full	22.97	/	/	22.87	/	/	<=33	Pass
		Inner_Full	22.96	/	/	22.86	/	/	<=33	Pass
		Inner_1RB_Left	22.69	/	/	22.59	/	/	<=33	Pass
		Inner_1RB_Right	22.81	/	/	22.71	/	/	<=33	Pass
CP-OFDM 256 QAM	2531.01	Edge_1RB_Left	19.58	/	/	19.48	/	/	<=33	Pass
		Edge_1RB_Right	19.45	/	/	19.35	/	/	<=33	Pass
		Outer_Full	19.67	/	/	19.57	/	/	<=33	Pass
		Inner_Full	19.63	/	/	19.53	/	/	<=33	Pass
		Inner_1RB_Left	19.51	/	/	19.41	/	/	<=33	Pass
		Inner_1RB_Right	19.46	/	/	19.36	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.51	/	/	19.41	/	/	<=33	Pass
		Edge_1RB_Right	19.63	/	/	19.53	/	/	<=33	Pass
		Outer_Full	19.72	/	/	19.62	/	/	<=33	Pass
		Inner_Full	19.78	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Left	19.53	/	/	19.43	/	/	<=33	Pass
		Inner_1RB_Right	19.76	/	/	19.66	/	/	<=33	Pass
	2655	Edge_1RB_Left	19.74	/	/	19.64	/	/	<=33	Pass
		Edge_1RB_Right	19.91	/	/	19.81	/	/	<=33	Pass
		Outer_Full	19.99	/	/	19.89	/	/	<=33	Pass
		Inner_Full	19.95	/	/	19.85	/	/	<=33	Pass
		Inner_1RB_Left	19.73	/	/	19.63	/	/	<=33	Pass
		Inner_1RB_Right	19.86	/	/	19.76	/	/	<=33	Pass
Note1: Antenna Gain: Ant5: -0.10dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30_S_80M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2536.02	Edge_1RB_Left	22.65	/	/	22.55	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	22.65	/	/	<=33	Pass
		Outer_Full	24.96	/	/	24.86	/	/	<=33	Pass

		Inner_Full	25.96	/	/	25.86	/	/	<=33	Pass
		Inner_1RB_Left	25.95	/	/	25.85	/	/	<=33	Pass
		Inner_1RB_Right	26.02	/	/	25.92	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.78	/	/	22.68	/	/	<=33	Pass
		Edge_1RB_Right	22.92	/	/	22.82	/	/	<=33	Pass
		Outer_Full	25.19	/	/	25.09	/	/	<=33	Pass
		Inner_Full	26.23	/	/	26.13	/	/	<=33	Pass
		Inner_1RB_Left	26.19	/	/	26.09	/	/	<=33	Pass
		Inner_1RB_Right	26.41	/	/	26.31	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	23.00	/	/	22.90	/	/	<=33	Pass
		Edge_1RB_Right	23.01	/	/	22.91	/	/	<=33	Pass
		Outer_Full	25.44	/	/	25.34	/	/	<=33	Pass
		Inner_Full	26.33	/	/	26.23	/	/	<=33	Pass
		Inner_1RB_Left	26.40	/	/	26.30	/	/	<=33	Pass
		Inner_1RB_Right	26.49	/	/	26.39	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2536.02	Edge_1RB_Left	22.58	/	/	22.48	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	22.65	/	/	<=33	Pass
		Outer_Full	24.07	/	/	23.97	/	/	<=33	Pass
		Inner_Full	25.04	/	/	24.94	/	/	<=33	Pass
		Inner_1RB_Left	24.89	/	/	24.79	/	/	<=33	Pass
		Inner_1RB_Right	25.05	/	/	24.95	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.71	/	/	22.61	/	/	<=33	Pass
		Edge_1RB_Right	22.91	/	/	22.81	/	/	<=33	Pass
		Outer_Full	24.17	/	/	24.07	/	/	<=33	Pass
		Inner_Full	25.25	/	/	25.15	/	/	<=33	Pass
		Inner_1RB_Left	25.13	/	/	25.03	/	/	<=33	Pass
		Inner_1RB_Right	25.27	/	/	25.17	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.93	/	/	22.83	/	/	<=33	Pass
		Edge_1RB_Right	23.01	/	/	22.91	/	/	<=33	Pass
		Outer_Full	24.48	/	/	24.38	/	/	<=33	Pass
		Inner_Full	25.38	/	/	25.28	/	/	<=33	Pass
		Inner_1RB_Left	25.31	/	/	25.21	/	/	<=33	Pass
		Inner_1RB_Right	25.29	/	/	25.19	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2536.02	Edge_1RB_Left	22.55	/	/	22.45	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	22.53	/	/	<=33	Pass
		Outer_Full	23.60	/	/	23.50	/	/	<=33	Pass
		Inner_Full	23.54	/	/	23.44	/	/	<=33	Pass
		Inner_1RB_Left	23.55	/	/	23.45	/	/	<=33	Pass
		Inner_1RB_Right	23.55	/	/	23.45	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.64	/	/	22.54	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	22.68	/	/	<=33	Pass
		Outer_Full	23.72	/	/	23.62	/	/	<=33	Pass
		Inner_Full	23.82	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Left	23.61	/	/	23.51	/	/	<=33	Pass
		Inner_1RB_Right	23.68	/	/	23.58	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.95	/	/	22.85	/	/	<=33	Pass
		Edge_1RB_Right	23.00	/	/	22.90	/	/	<=33	Pass
		Outer_Full	24.01	/	/	23.91	/	/	<=33	Pass
		Inner_Full	23.95	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Left	23.91	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Right	23.83	/	/	23.73	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2536.02	Edge_1RB_Left	21.66	/	/	21.56	/	/	<=33	Pass
		Edge_1RB_Right	21.65	/	/	21.55	/	/	<=33	Pass
		Outer_Full	21.61	/	/	21.51	/	/	<=33	Pass
		Inner_Full	21.58	/	/	21.48	/	/	<=33	Pass
		Inner_1RB_Left	21.62	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Right	21.64	/	/	21.54	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.70	/	/	21.60	/	/	<=33	Pass
		Edge_1RB_Right	21.90	/	/	21.80	/	/	<=33	Pass

		Outer_Full	21.75	/	/	21.65	/	/	<=33	Pass
		Inner_Full	21.82	/	/	21.72	/	/	<=33	Pass
		Inner_1RB_Left	21.71	/	/	21.61	/	/	<=33	Pass
		Inner_1RB_Right	21.88	/	/	21.78	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	21.92	/	/	21.82	/	/	<=33	Pass
		Edge_1RB_Right	21.92	/	/	21.82	/	/	<=33	Pass
		Outer_Full	22.02	/	/	21.92	/	/	<=33	Pass
		Inner_Full	22.03	/	/	21.93	/	/	<=33	Pass
		Inner_1RB_Left	21.90	/	/	21.80	/	/	<=33	Pass
		Inner_1RB_Right	22.01	/	/	21.91	/	/	<=33	Pass
		Edge_1RB_Left	22.55	/	/	22.45	/	/	<=33	Pass
		Edge_1RB_Right	22.65	/	/	22.55	/	/	<=33	Pass
CP-OFDM QPSK	2536.02	Outer_Full	23.06	/	/	22.96	/	/	<=33	Pass
		Inner_Full	24.46	/	/	24.36	/	/	<=33	Pass
		Inner_1RB_Left	24.31	/	/	24.21	/	/	<=33	Pass
		Inner_1RB_Right	24.48	/	/	24.38	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.71	/	/	22.61	/	/	<=33	Pass
		Edge_1RB_Right	22.86	/	/	22.76	/	/	<=33	Pass
		Outer_Full	23.22	/	/	23.12	/	/	<=33	Pass
		Inner_Full	24.70	/	/	24.60	/	/	<=33	Pass
		Inner_1RB_Left	24.56	/	/	24.46	/	/	<=33	Pass
		Inner_1RB_Right	24.76	/	/	24.66	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.88	/	/	22.78	/	/	<=33	Pass
		Edge_1RB_Right	22.94	/	/	22.84	/	/	<=33	Pass
		Outer_Full	23.50	/	/	23.40	/	/	<=33	Pass
		Inner_Full	24.83	/	/	24.73	/	/	<=33	Pass
		Inner_1RB_Left	24.63	/	/	24.53	/	/	<=33	Pass
		Inner_1RB_Right	24.72	/	/	24.62	/	/	<=33	Pass
CP-OFDM 16 QAM	2536.02	Edge_1RB_Left	22.53	/	/	22.43	/	/	<=33	Pass
		Edge_1RB_Right	22.72	/	/	22.62	/	/	<=33	Pass
		Outer_Full	23.07	/	/	22.97	/	/	<=33	Pass
		Inner_Full	24.01	/	/	23.91	/	/	<=33	Pass
		Inner_1RB_Left	23.82	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Right	24.15	/	/	24.05	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.70	/	/	22.60	/	/	<=33	Pass
		Edge_1RB_Right	22.94	/	/	22.84	/	/	<=33	Pass
		Outer_Full	23.18	/	/	23.08	/	/	<=33	Pass
		Inner_Full	24.26	/	/	24.16	/	/	<=33	Pass
		Inner_1RB_Left	24.24	/	/	24.14	/	/	<=33	Pass
		Inner_1RB_Right	24.24	/	/	24.14	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.91	/	/	22.81	/	/	<=33	Pass
		Edge_1RB_Right	23.00	/	/	22.90	/	/	<=33	Pass
		Outer_Full	23.47	/	/	23.37	/	/	<=33	Pass
		Inner_Full	24.41	/	/	24.31	/	/	<=33	Pass
		Inner_1RB_Left	24.45	/	/	24.35	/	/	<=33	Pass
		Inner_1RB_Right	24.34	/	/	24.24	/	/	<=33	Pass
CP-OFDM 64 QAM	2536.02	Edge_1RB_Left	22.44	/	/	22.34	/	/	<=33	Pass
		Edge_1RB_Right	22.55	/	/	22.45	/	/	<=33	Pass
		Outer_Full	22.61	/	/	22.51	/	/	<=33	Pass
		Inner_Full	22.60	/	/	22.50	/	/	<=33	Pass
		Inner_1RB_Left	22.40	/	/	22.30	/	/	<=33	Pass
		Inner_1RB_Right	22.65	/	/	22.55	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.63	/	/	22.53	/	/	<=33	Pass
		Edge_1RB_Right	22.85	/	/	22.75	/	/	<=33	Pass
		Outer_Full	22.75	/	/	22.65	/	/	<=33	Pass
		Inner_Full	22.85	/	/	22.75	/	/	<=33	Pass
		Inner_1RB_Left	22.68	/	/	22.58	/	/	<=33	Pass
		Inner_1RB_Right	22.75	/	/	22.65	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.88	/	/	22.78	/	/	<=33	Pass

		Edge_1RB_Right	22.91	/	/	22.81	/	/	<=33	Pass
		Outer_Full	23.10	/	/	23.00	/	/	<=33	Pass
		Inner_Full	23.05	/	/	22.95	/	/	<=33	Pass
		Inner_1RB_Left	22.93	/	/	22.83	/	/	<=33	Pass
		Inner_1RB_Right	22.93	/	/	22.83	/	/	<=33	Pass
CP-OFDM 256 QAM	2536.02	Edge_1RB_Left	19.50	/	/	19.40	/	/	<=33	Pass
		Edge_1RB_Right	19.60	/	/	19.50	/	/	<=33	Pass
		Outer_Full	19.63	/	/	19.53	/	/	<=33	Pass
		Inner_Full	19.60	/	/	19.50	/	/	<=33	Pass
		Inner_1RB_Left	19.43	/	/	19.33	/	/	<=33	Pass
	Inner_1RB_Right	19.52	/	/	19.42	/	/	<=33	Pass	
	2592.99	Edge_1RB_Left	19.64	/	/	19.54	/	/	<=33	Pass
		Edge_1RB_Right	19.77	/	/	19.67	/	/	<=33	Pass
		Outer_Full	19.79	/	/	19.69	/	/	<=33	Pass
		Inner_Full	19.85	/	/	19.75	/	/	<=33	Pass
		Inner_1RB_Left	19.64	/	/	19.54	/	/	<=33	Pass
		Inner_1RB_Right	19.73	/	/	19.63	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	19.77	/	/	19.67	/	/	<=33	Pass
		Edge_1RB_Right	19.83	/	/	19.73	/	/	<=33	Pass
		Outer_Full	20.06	/	/	19.96	/	/	<=33	Pass
		Inner_Full	20.04	/	/	19.94	/	/	<=33	Pass
		Inner_1RB_Left	19.86	/	/	19.76	/	/	<=33	Pass
		Inner_1RB_Right	19.80	/	/	19.70	/	/	<=33	Pass
Note1: Antenna Gain: Ant5: -0.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30_S_90M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 90MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2541	Edge 1RB Left	22.65	/	/	22.55	/	/	<=33	Pass
		Edge 1RB Right	22.68	/	/	22.58	/	/	<=33	Pass
		Outer Full	25.05	/	/	24.95	/	/	<=33	Pass
		Inner Full	26.04	/	/	25.94	/	/	<=33	Pass
		Inner 1RB Left	25.98	/	/	25.88	/	/	<=33	Pass
		Inner 1RB Right	26.13	/	/	26.03	/	/	<=33	Pass
	2592.99	Edge 1RB Left	22.76	/	/	22.66	/	/	<=33	Pass
		Edge 1RB Right	22.95	/	/	22.85	/	/	<=33	Pass
		Outer Full	25.15	/	/	25.05	/	/	<=33	Pass
		Inner Full	26.20	/	/	26.10	/	/	<=33	Pass
		Inner 1RB Left	26.11	/	/	26.01	/	/	<=33	Pass
		Inner 1RB Right	26.35	/	/	26.25	/	/	<=33	Pass
	2644.98	Edge 1RB Left	22.86	/	/	22.76	/	/	<=33	Pass
		Edge 1RB Right	22.78	/	/	22.68	/	/	<=33	Pass
		Outer Full	25.45	/	/	25.35	/	/	<=33	Pass
		Inner Full	26.34	/	/	26.24	/	/	<=33	Pass
		Inner 1RB Left	26.33	/	/	26.23	/	/	<=33	Pass
		Inner 1RB Right	26.25	/	/	26.15	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2541	Edge 1RB Left	22.71	/	/	22.61	/	/	<=33	Pass
		Edge 1RB Right	22.63	/	/	22.53	/	/	<=33	Pass
		Outer Full	24.08	/	/	23.98	/	/	<=33	Pass
		Inner Full	25.07	/	/	24.97	/	/	<=33	Pass
		Inner 1RB Left	24.92	/	/	24.82	/	/	<=33	Pass
		Inner 1RB Right	25.07	/	/	24.97	/	/	<=33	Pass
	2592.99	Edge 1RB Left	22.72	/	/	22.62	/	/	<=33	Pass
		Edge 1RB Right	22.84	/	/	22.74	/	/	<=33	Pass
		Outer Full	24.20	/	/	24.10	/	/	<=33	Pass