

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_10MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2501.01	Outer_Full	25.00	/	/	27.60	/	/	<=33	Pass
		Inner_Full	26.75	/	/	29.35	/	/	<=33	Pass
		Inner_1RB_Left	24.76	/	/	27.36	/	/	<=33	Pass
		Inner_1RB_Right	26.50	/	/	29.10	/	/	<=33	Pass
	2592.99	Outer_Full	24.82	/	/	27.42	/	/	<=33	Pass
		Inner_Full	26.41	/	/	29.01	/	/	<=33	Pass
		Inner_1RB_Left	26.39	/	/	28.99	/	/	<=33	Pass
		Inner_1RB_Right	26.33	/	/	28.93	/	/	<=33	Pass
	2685	Outer_Full	24.85	/	/	27.45	/	/	<=33	Pass
		Inner_Full	26.37	/	/	28.97	/	/	<=33	Pass
		Inner_1RB_Left	26.30	/	/	28.90	/	/	<=33	Pass
		Inner_1RB_Right	26.33	/	/	28.93	/	/	<=33	Pass
DFT-s-OFDM QPSK	2501.01	Outer_Full	24.45	/	/	27.05	/	/	<=33	Pass
		Inner_Full	26.54	/	/	29.14	/	/	<=33	Pass
		Inner_1RB_Left	26.15	/	/	28.75	/	/	<=33	Pass
		Inner_1RB_Right	26.59	/	/	29.19	/	/	<=33	Pass
	2592.99	Outer_Full	24.47	/	/	27.07	/	/	<=33	Pass
		Inner_Full	26.36	/	/	28.96	/	/	<=33	Pass
		Inner_1RB_Left	26.12	/	/	28.72	/	/	<=33	Pass
		Inner_1RB_Right	26.28	/	/	28.88	/	/	<=33	Pass
	2685	Outer_Full	24.43	/	/	27.03	/	/	<=33	Pass
		Inner_Full	26.37	/	/	28.97	/	/	<=33	Pass
		Inner_1RB_Left	26.38	/	/	28.98	/	/	<=33	Pass
		Inner_1RB_Right	26.34	/	/	28.94	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2501.01	Outer_Full	23.57	/	/	26.17	/	/	<=33	Pass
		Inner_Full	25.67	/	/	28.27	/	/	<=33	Pass
		Inner_1RB_Left	25.46	/	/	28.06	/	/	<=33	Pass
		Inner_1RB_Right	25.61	/	/	28.21	/	/	<=33	Pass
	2592.99	Outer_Full	23.34	/	/	25.94	/	/	<=33	Pass
		Inner_Full	25.38	/	/	27.98	/	/	<=33	Pass
		Inner_1RB_Left	25.60	/	/	28.20	/	/	<=33	Pass
		Inner_1RB_Right	25.62	/	/	28.22	/	/	<=33	Pass
	2685	Outer_Full	23.39	/	/	25.99	/	/	<=33	Pass
		Inner_Full	25.47	/	/	28.07	/	/	<=33	Pass
		Inner_1RB_Left	25.53	/	/	28.13	/	/	<=33	Pass
		Inner_1RB_Right	25.64	/	/	28.24	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2501.01	Outer_Full	23.04	/	/	25.64	/	/	<=33	Pass
		Inner_Full	23.56	/	/	26.16	/	/	<=33	Pass
		Inner_1RB_Left	23.53	/	/	26.13	/	/	<=33	Pass
		Inner_1RB_Right	23.68	/	/	26.28	/	/	<=33	Pass
	2592.99	Outer_Full	22.83	/	/	25.43	/	/	<=33	Pass
		Inner_Full	23.32	/	/	25.92	/	/	<=33	Pass
		Inner_1RB_Left	23.42	/	/	26.02	/	/	<=33	Pass
		Inner_1RB_Right	23.21	/	/	25.81	/	/	<=33	Pass
	2685	Outer_Full	22.74	/	/	25.34	/	/	<=33	Pass
		Inner_Full	23.40	/	/	26.00	/	/	<=33	Pass
		Inner_1RB_Left	23.37	/	/	25.97	/	/	<=33	Pass
		Inner_1RB_Right	23.56	/	/	26.16	/	/	<=33	Pass
DFT-s-OFDM 256	2501.01	Outer_Full	20.86	/	/	23.46	/	/	<=33	Pass

QAM		Inner_Full	21.03	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Left	21.30	/	/	23.90	/	/	<=33	Pass
		Inner_1RB_Right	21.29	/	/	23.89	/	/	<=33	Pass
	2592.99	Outer_Full	20.72	/	/	23.32	/	/	<=33	Pass
		Inner_Full	20.77	/	/	23.37	/	/	<=33	Pass
		Inner_1RB_Left	20.91	/	/	23.51	/	/	<=33	Pass
		Inner_1RB_Right	20.87	/	/	23.47	/	/	<=33	Pass
	2685	Outer_Full	20.79	/	/	23.39	/	/	<=33	Pass
		Inner_Full	20.86	/	/	23.46	/	/	<=33	Pass
		Inner_1RB_Left	21.03	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Right	21.14	/	/	23.74	/	/	<=33	Pass
CP-OFDM QPSK	2501.01	Outer_Full	22.55	/	/	25.15	/	/	<=33	Pass
		Inner_Full	25.10	/	/	27.70	/	/	<=33	Pass
		Inner_1RB_Left	24.88	/	/	27.48	/	/	<=33	Pass
		Inner_1RB_Right	25.04	/	/	27.64	/	/	<=33	Pass
	2592.99	Outer_Full	22.31	/	/	24.91	/	/	<=33	Pass
		Inner_Full	24.86	/	/	27.46	/	/	<=33	Pass
		Inner_1RB_Left	24.77	/	/	27.37	/	/	<=33	Pass
		Inner_1RB_Right	24.85	/	/	27.45	/	/	<=33	Pass
	2685	Outer_Full	22.36	/	/	24.96	/	/	<=33	Pass
		Inner_Full	24.88	/	/	27.48	/	/	<=33	Pass
		Inner_1RB_Left	24.81	/	/	27.41	/	/	<=33	Pass
		Inner_1RB_Right	24.87	/	/	27.47	/	/	<=33	Pass
CP-OFDM 16 QAM	2501.01	Outer_Full	22.54	/	/	25.14	/	/	<=33	Pass
		Inner_Full	24.49	/	/	27.09	/	/	<=33	Pass
		Inner_1RB_Left	24.55	/	/	27.15	/	/	<=33	Pass
		Inner_1RB_Right	24.74	/	/	27.34	/	/	<=33	Pass
	2592.99	Outer_Full	22.36	/	/	24.96	/	/	<=33	Pass
		Inner_Full	24.36	/	/	26.96	/	/	<=33	Pass
		Inner_1RB_Left	24.73	/	/	27.33	/	/	<=33	Pass
		Inner_1RB_Right	24.61	/	/	27.21	/	/	<=33	Pass
	2685	Outer_Full	22.47	/	/	25.07	/	/	<=33	Pass
		Inner_Full	24.46	/	/	27.06	/	/	<=33	Pass
		Inner_1RB_Left	24.85	/	/	27.45	/	/	<=33	Pass
		Inner_1RB_Right	24.76	/	/	27.36	/	/	<=33	Pass
CP-OFDM 64 QAM	2501.01	Outer_Full	21.95	/	/	24.55	/	/	<=33	Pass
		Inner_Full	22.59	/	/	25.19	/	/	<=33	Pass
		Inner_1RB_Left	22.48	/	/	25.08	/	/	<=33	Pass
		Inner_1RB_Right	22.64	/	/	25.24	/	/	<=33	Pass
	2592.99	Outer_Full	21.86	/	/	24.46	/	/	<=33	Pass
		Inner_Full	22.49	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Left	22.42	/	/	25.02	/	/	<=33	Pass
		Inner_1RB_Right	22.31	/	/	24.91	/	/	<=33	Pass
	2685	Outer_Full	21.93	/	/	24.53	/	/	<=33	Pass
		Inner_Full	22.46	/	/	25.06	/	/	<=33	Pass
		Inner_1RB_Left	22.31	/	/	24.91	/	/	<=33	Pass
		Inner_1RB_Right	22.21	/	/	24.81	/	/	<=33	Pass
CP-OFDM 256 QAM	2501.01	Outer_Full	18.86	/	/	21.46	/	/	<=33	Pass
		Inner_Full	19.02	/	/	21.62	/	/	<=33	Pass
		Inner_1RB_Left	19.05	/	/	21.65	/	/	<=33	Pass
		Inner_1RB_Right	19.07	/	/	21.67	/	/	<=33	Pass
	2592.99	Outer_Full	18.76	/	/	21.36	/	/	<=33	Pass
		Inner_Full	18.77	/	/	21.37	/	/	<=33	Pass
		Inner_1RB_Left	18.89	/	/	21.49	/	/	<=33	Pass
		Inner_1RB_Right	18.94	/	/	21.54	/	/	<=33	Pass
	2685	Outer_Full	18.76	/	/	21.36	/	/	<=33	Pass
		Inner_Full	18.83	/	/	21.43	/	/	<=33	Pass
		Inner_1RB_Left	18.92	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Right	19.02	/	/	21.62	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 2.60dBi; Ant2: 2.60dBi;
 Note2: EIRP=Conducted Power+Antenna Gain

1.1.2 30k_SISO_15MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2503.5	Outer_Full	25.06	/	/	27.66	/	/	<=33	Pass
		Inner_Full	26.54	/	/	29.14	/	/	<=33	Pass
		Inner_1RB_Left	26.49	/	/	29.09	/	/	<=33	Pass
		Inner_1RB_Right	26.56	/	/	29.16	/	/	<=33	Pass
	2592.99	Outer_Full	24.96	/	/	27.56	/	/	<=33	Pass
		Inner_Full	26.41	/	/	29.01	/	/	<=33	Pass
		Inner_1RB_Left	26.44	/	/	29.04	/	/	<=33	Pass
		Inner_1RB_Right	26.39	/	/	28.99	/	/	<=33	Pass
	2682.48	Outer_Full	24.96	/	/	27.56	/	/	<=33	Pass
		Inner_Full	26.39	/	/	28.99	/	/	<=33	Pass
		Inner_1RB_Left	26.19	/	/	28.79	/	/	<=33	Pass
		Inner_1RB_Right	26.49	/	/	29.09	/	/	<=33	Pass
DFT-s-OFDM QPSK	2503.5	Outer_Full	24.62	/	/	27.22	/	/	<=33	Pass
		Inner_Full	26.48	/	/	29.08	/	/	<=33	Pass
		Inner_1RB_Left	26.37	/	/	28.97	/	/	<=33	Pass
		Inner_1RB_Right	26.49	/	/	29.09	/	/	<=33	Pass
	2592.99	Outer_Full	24.56	/	/	27.16	/	/	<=33	Pass
		Inner_Full	26.40	/	/	29.00	/	/	<=33	Pass
		Inner_1RB_Left	26.20	/	/	28.80	/	/	<=33	Pass
		Inner_1RB_Right	26.33	/	/	28.93	/	/	<=33	Pass
	2682.48	Outer_Full	24.41	/	/	27.01	/	/	<=33	Pass
		Inner_Full	26.32	/	/	28.92	/	/	<=33	Pass
		Inner_1RB_Left	26.26	/	/	28.86	/	/	<=33	Pass
		Inner_1RB_Right	26.40	/	/	29.00	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2503.5	Outer_Full	23.58	/	/	26.18	/	/	<=33	Pass
		Inner_Full	25.58	/	/	28.18	/	/	<=33	Pass
		Inner_1RB_Left	25.64	/	/	28.24	/	/	<=33	Pass
		Inner_1RB_Right	25.65	/	/	28.25	/	/	<=33	Pass
	2592.99	Outer_Full	23.45	/	/	26.05	/	/	<=33	Pass
		Inner_Full	25.41	/	/	28.01	/	/	<=33	Pass
		Inner_1RB_Left	25.72	/	/	28.32	/	/	<=33	Pass
		Inner_1RB_Right	25.72	/	/	28.32	/	/	<=33	Pass
	2682.48	Outer_Full	23.46	/	/	26.06	/	/	<=33	Pass
		Inner_Full	25.44	/	/	28.04	/	/	<=33	Pass
		Inner_1RB_Left	25.61	/	/	28.21	/	/	<=33	Pass
		Inner_1RB_Right	25.73	/	/	28.33	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2503.5	Outer_Full	23.17	/	/	25.77	/	/	<=33	Pass
		Inner_Full	23.62	/	/	26.22	/	/	<=33	Pass
		Inner_1RB_Left	23.43	/	/	26.03	/	/	<=33	Pass
		Inner_1RB_Right	23.58	/	/	26.18	/	/	<=33	Pass
	2592.99	Outer_Full	22.82	/	/	25.42	/	/	<=33	Pass
		Inner_Full	23.40	/	/	26.00	/	/	<=33	Pass
		Inner_1RB_Left	23.36	/	/	25.96	/	/	<=33	Pass
		Inner_1RB_Right	23.52	/	/	26.12	/	/	<=33	Pass
	2682.48	Outer_Full	22.90	/	/	25.50	/	/	<=33	Pass
		Inner_Full	23.49	/	/	26.09	/	/	<=33	Pass
		Inner_1RB_Left	23.46	/	/	26.06	/	/	<=33	Pass
		Inner_1RB_Right	23.55	/	/	26.15	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2503.5	Outer_Full	21.04	/	/	23.64	/	/	<=33	Pass
		Inner_Full	21.06	/	/	23.66	/	/	<=33	Pass

		Inner_1RB_Left	21.17	/	/	23.77	/	/	<=33	Pass
		Inner_1RB_Right	21.10	/	/	23.70	/	/	<=33	Pass
	2592.99	Outer_Full	20.91	/	/	23.51	/	/	<=33	Pass
		Inner_Full	20.83	/	/	23.43	/	/	<=33	Pass
		Inner_1RB_Left	21.03	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Right	21.18	/	/	23.78	/	/	<=33	Pass
	2682.48	Outer_Full	20.89	/	/	23.49	/	/	<=33	Pass
		Inner_Full	20.94	/	/	23.54	/	/	<=33	Pass
		Inner_1RB_Left	21.00	/	/	23.60	/	/	<=33	Pass
Inner_1RB_Right		21.05	/	/	23.65	/	/	<=33	Pass	
CP-OFDM QPSK	2503.5	Outer_Full	22.47	/	/	25.07	/	/	<=33	Pass
		Inner_Full	25.05	/	/	27.65	/	/	<=33	Pass
		Inner_1RB_Left	25.00	/	/	27.60	/	/	<=33	Pass
		Inner_1RB_Right	25.05	/	/	27.65	/	/	<=33	Pass
	2592.99	Outer_Full	22.39	/	/	24.99	/	/	<=33	Pass
		Inner_Full	24.88	/	/	27.48	/	/	<=33	Pass
		Inner_1RB_Left	24.91	/	/	27.51	/	/	<=33	Pass
		Inner_1RB_Right	24.93	/	/	27.53	/	/	<=33	Pass
	2682.48	Outer_Full	22.40	/	/	25.00	/	/	<=33	Pass
		Inner_Full	24.92	/	/	27.52	/	/	<=33	Pass
		Inner_1RB_Left	24.79	/	/	27.39	/	/	<=33	Pass
		Inner_1RB_Right	24.83	/	/	27.43	/	/	<=33	Pass
CP-OFDM 16 QAM	2503.5	Outer_Full	22.56	/	/	25.16	/	/	<=33	Pass
		Inner_Full	24.49	/	/	27.09	/	/	<=33	Pass
		Inner_1RB_Left	24.59	/	/	27.19	/	/	<=33	Pass
		Inner_1RB_Right	24.62	/	/	27.22	/	/	<=33	Pass
	2592.99	Outer_Full	22.44	/	/	25.04	/	/	<=33	Pass
		Inner_Full	24.42	/	/	27.02	/	/	<=33	Pass
		Inner_1RB_Left	24.62	/	/	27.22	/	/	<=33	Pass
		Inner_1RB_Right	24.79	/	/	27.39	/	/	<=33	Pass
	2682.48	Outer_Full	22.40	/	/	25.00	/	/	<=33	Pass
		Inner_Full	24.37	/	/	26.97	/	/	<=33	Pass
		Inner_1RB_Left	24.67	/	/	27.27	/	/	<=33	Pass
		Inner_1RB_Right	24.76	/	/	27.36	/	/	<=33	Pass
CP-OFDM 64 QAM	2503.5	Outer_Full	22.07	/	/	24.67	/	/	<=33	Pass
		Inner_Full	22.57	/	/	25.17	/	/	<=33	Pass
		Inner_1RB_Left	22.49	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Right	22.51	/	/	25.11	/	/	<=33	Pass
	2592.99	Outer_Full	21.88	/	/	24.48	/	/	<=33	Pass
		Inner_Full	22.37	/	/	24.97	/	/	<=33	Pass
		Inner_1RB_Left	22.30	/	/	24.90	/	/	<=33	Pass
		Inner_1RB_Right	22.33	/	/	24.93	/	/	<=33	Pass
	2682.48	Outer_Full	21.95	/	/	24.55	/	/	<=33	Pass
		Inner_Full	22.38	/	/	24.98	/	/	<=33	Pass
		Inner_1RB_Left	22.24	/	/	24.84	/	/	<=33	Pass
		Inner_1RB_Right	22.19	/	/	24.79	/	/	<=33	Pass
CP-OFDM 256 QAM	2503.5	Outer_Full	18.97	/	/	21.57	/	/	<=33	Pass
		Inner_Full	18.94	/	/	21.54	/	/	<=33	Pass
		Inner_1RB_Left	18.98	/	/	21.58	/	/	<=33	Pass
		Inner_1RB_Right	19.06	/	/	21.66	/	/	<=33	Pass
	2592.99	Outer_Full	18.91	/	/	21.51	/	/	<=33	Pass
		Inner_Full	18.84	/	/	21.44	/	/	<=33	Pass
		Inner_1RB_Left	18.80	/	/	21.40	/	/	<=33	Pass
		Inner_1RB_Right	18.96	/	/	21.56	/	/	<=33	Pass
	2682.48	Outer_Full	18.89	/	/	21.49	/	/	<=33	Pass
		Inner_Full	18.94	/	/	21.54	/	/	<=33	Pass
		Inner_1RB_Left	19.03	/	/	21.63	/	/	<=33	Pass
		Inner_1RB_Right	18.87	/	/	21.47	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 2.60dBi; Ant2: 2.60dBi;										

Note2: EIRP=Conducted Power+Antenna Gain
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1.1.3 30k_SISO_20MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2506.02	Outer_Full	25.00	/	/	27.60	/	/	<=33	Pass
		Inner_Full	26.57	/	/	29.17	/	/	<=33	Pass
		Inner_1RB_Left	26.43	/	/	29.03	/	/	<=33	Pass
		Inner_1RB_Right	26.52	/	/	29.12	/	/	<=33	Pass
	2592.99	Outer_Full	24.97	/	/	27.57	/	/	<=33	Pass
		Inner_Full	26.43	/	/	29.03	/	/	<=33	Pass
		Inner_1RB_Left	26.40	/	/	29.00	/	/	<=33	Pass
		Inner_1RB_Right	26.44	/	/	29.04	/	/	<=33	Pass
	2679.99	Outer_Full	24.99	/	/	27.59	/	/	<=33	Pass
		Inner_Full	26.43	/	/	29.03	/	/	<=33	Pass
		Inner_1RB_Left	26.52	/	/	29.12	/	/	<=33	Pass
		Inner_1RB_Right	26.49	/	/	29.09	/	/	<=33	Pass
DFT-s-OFDM QPSK	2506.02	Outer_Full	24.61	/	/	27.21	/	/	<=33	Pass
		Inner_Full	26.57	/	/	29.17	/	/	<=33	Pass
		Inner_1RB_Left	26.31	/	/	28.91	/	/	<=33	Pass
		Inner_1RB_Right	26.35	/	/	28.95	/	/	<=33	Pass
	2592.99	Outer_Full	25.23	/	/	27.83	/	/	<=33	Pass
		Inner_Full	26.43	/	/	29.03	/	/	<=33	Pass
		Inner_1RB_Left	26.28	/	/	28.88	/	/	<=33	Pass
		Inner_1RB_Right	26.31	/	/	28.91	/	/	<=33	Pass
	2679.99	Outer_Full	25.01	/	/	27.61	/	/	<=33	Pass
		Inner_Full	26.19	/	/	28.79	/	/	<=33	Pass
		Inner_1RB_Left	26.29	/	/	28.89	/	/	<=33	Pass
		Inner_1RB_Right	26.21	/	/	28.81	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2506.02	Outer_Full	24.38	/	/	26.98	/	/	<=33	Pass
		Inner_Full	25.61	/	/	28.21	/	/	<=33	Pass
		Inner_1RB_Left	25.77	/	/	28.37	/	/	<=33	Pass
		Inner_1RB_Right	25.63	/	/	28.23	/	/	<=33	Pass
	2592.99	Outer_Full	24.33	/	/	26.93	/	/	<=33	Pass
		Inner_Full	25.46	/	/	28.06	/	/	<=33	Pass
		Inner_1RB_Left	25.63	/	/	28.23	/	/	<=33	Pass
		Inner_1RB_Right	25.73	/	/	28.33	/	/	<=33	Pass
	2679.99	Outer_Full	24.27	/	/	26.87	/	/	<=33	Pass
		Inner_Full	25.41	/	/	28.01	/	/	<=33	Pass
		Inner_1RB_Left	25.66	/	/	28.26	/	/	<=33	Pass
		Inner_1RB_Right	25.75	/	/	28.35	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2506.02	Outer_Full	23.14	/	/	25.74	/	/	<=33	Pass
		Inner_Full	23.59	/	/	26.19	/	/	<=33	Pass
		Inner_1RB_Left	23.51	/	/	26.11	/	/	<=33	Pass
		Inner_1RB_Right	23.58	/	/	26.18	/	/	<=33	Pass
	2592.99	Outer_Full	22.90	/	/	25.50	/	/	<=33	Pass
		Inner_Full	23.44	/	/	26.04	/	/	<=33	Pass
		Inner_1RB_Left	23.44	/	/	26.04	/	/	<=33	Pass
		Inner_1RB_Right	23.59	/	/	26.19	/	/	<=33	Pass
	2679.99	Outer_Full	23.00	/	/	25.60	/	/	<=33	Pass
		Inner_Full	23.41	/	/	26.01	/	/	<=33	Pass
		Inner_1RB_Left	23.46	/	/	26.06	/	/	<=33	Pass
		Inner_1RB_Right	23.42	/	/	26.02	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2506.02	Outer_Full	21.06	/	/	23.66	/	/	<=33	Pass
		Inner_Full	21.06	/	/	23.66	/	/	<=33	Pass

		Inner_1RB_Left	21.15	/	/	23.75	/	/	<=33	Pass
		Inner_1RB_Right	21.18	/	/	23.78	/	/	<=33	Pass
	2592.99	Outer_Full	20.93	/	/	23.53	/	/	<=33	Pass
		Inner_Full	20.81	/	/	23.41	/	/	<=33	Pass
		Inner_1RB_Left	21.15	/	/	23.75	/	/	<=33	Pass
		Inner_1RB_Right	21.05	/	/	23.65	/	/	<=33	Pass
	2679.99	Outer_Full	20.78	/	/	23.38	/	/	<=33	Pass
		Inner_Full	20.85	/	/	23.45	/	/	<=33	Pass
		Inner_1RB_Left	21.06	/	/	23.66	/	/	<=33	Pass
		Inner_1RB_Right	21.12	/	/	23.72	/	/	<=33	Pass
CP-OFDM QPSK	2506.02	Outer_Full	24.17	/	/	26.77	/	/	<=33	Pass
		Inner_Full	25.12	/	/	27.72	/	/	<=33	Pass
		Inner_1RB_Left	24.97	/	/	27.57	/	/	<=33	Pass
		Inner_1RB_Right	24.98	/	/	27.58	/	/	<=33	Pass
	2592.99	Outer_Full	23.92	/	/	26.52	/	/	<=33	Pass
		Inner_Full	24.91	/	/	27.51	/	/	<=33	Pass
		Inner_1RB_Left	24.80	/	/	27.40	/	/	<=33	Pass
		Inner_1RB_Right	24.82	/	/	27.42	/	/	<=33	Pass
	2679.99	Outer_Full	23.91	/	/	26.51	/	/	<=33	Pass
		Inner_Full	24.92	/	/	27.52	/	/	<=33	Pass
		Inner_1RB_Left	25.00	/	/	27.60	/	/	<=33	Pass
		Inner_1RB_Right	24.94	/	/	27.54	/	/	<=33	Pass
CP-OFDM 16 QAM	2506.02	Outer_Full	23.96	/	/	26.56	/	/	<=33	Pass
		Inner_Full	24.64	/	/	27.24	/	/	<=33	Pass
		Inner_1RB_Left	24.67	/	/	27.27	/	/	<=33	Pass
		Inner_1RB_Right	24.75	/	/	27.35	/	/	<=33	Pass
	2592.99	Outer_Full	24.02	/	/	26.62	/	/	<=33	Pass
		Inner_Full	24.59	/	/	27.19	/	/	<=33	Pass
		Inner_1RB_Left	24.69	/	/	27.29	/	/	<=33	Pass
		Inner_1RB_Right	24.70	/	/	27.30	/	/	<=33	Pass
	2679.99	Outer_Full	23.94	/	/	26.54	/	/	<=33	Pass
		Inner_Full	24.47	/	/	27.07	/	/	<=33	Pass
		Inner_1RB_Left	24.74	/	/	27.34	/	/	<=33	Pass
		Inner_1RB_Right	24.98	/	/	27.58	/	/	<=33	Pass
CP-OFDM 64 QAM	2506.02	Outer_Full	22.05	/	/	24.65	/	/	<=33	Pass
		Inner_Full	22.64	/	/	25.24	/	/	<=33	Pass
		Inner_1RB_Left	22.45	/	/	25.05	/	/	<=33	Pass
		Inner_1RB_Right	22.47	/	/	25.07	/	/	<=33	Pass
	2592.99	Outer_Full	21.88	/	/	24.48	/	/	<=33	Pass
		Inner_Full	22.37	/	/	24.97	/	/	<=33	Pass
		Inner_1RB_Left	22.34	/	/	24.94	/	/	<=33	Pass
		Inner_1RB_Right	22.38	/	/	24.98	/	/	<=33	Pass
	2679.99	Outer_Full	21.95	/	/	24.55	/	/	<=33	Pass
		Inner_Full	22.51	/	/	25.11	/	/	<=33	Pass
		Inner_1RB_Left	22.47	/	/	25.07	/	/	<=33	Pass
		Inner_1RB_Right	22.43	/	/	25.03	/	/	<=33	Pass
CP-OFDM 256 QAM	2506.02	Outer_Full	19.11	/	/	21.71	/	/	<=33	Pass
		Inner_Full	18.97	/	/	21.57	/	/	<=33	Pass
		Inner_1RB_Left	19.20	/	/	21.80	/	/	<=33	Pass
		Inner_1RB_Right	19.13	/	/	21.73	/	/	<=33	Pass
	2592.99	Outer_Full	18.90	/	/	21.50	/	/	<=33	Pass
		Inner_Full	18.76	/	/	21.36	/	/	<=33	Pass
		Inner_1RB_Left	18.98	/	/	21.58	/	/	<=33	Pass
		Inner_1RB_Right	19.03	/	/	21.63	/	/	<=33	Pass
	2679.99	Outer_Full	18.94	/	/	21.54	/	/	<=33	Pass
		Inner_Full	18.89	/	/	21.49	/	/	<=33	Pass
		Inner_1RB_Left	19.03	/	/	21.63	/	/	<=33	Pass
		Inner_1RB_Right	19.00	/	/	21.60	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 2.60dBi; Ant2: 2.60dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.4 30k_SISO_30MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2511	Outer_Full	25.00	/	/	27.60	/	/	<=33	Pass
		Inner_Full	26.61	/	/	29.21	/	/	<=33	Pass
		Inner_1RB_Left	26.40	/	/	29.00	/	/	<=33	Pass
		Inner_1RB_Right	26.40	/	/	29.00	/	/	<=33	Pass
	2592.99	Outer_Full	24.98	/	/	27.58	/	/	<=33	Pass
		Inner_Full	26.45	/	/	29.05	/	/	<=33	Pass
		Inner_1RB_Left	26.38	/	/	28.98	/	/	<=33	Pass
		Inner_1RB_Right	26.49	/	/	29.09	/	/	<=33	Pass
	2674.98	Outer_Full	24.96	/	/	27.56	/	/	<=33	Pass
		Inner_Full	26.45	/	/	29.05	/	/	<=33	Pass
		Inner_1RB_Left	26.37	/	/	28.97	/	/	<=33	Pass
		Inner_1RB_Right	26.46	/	/	29.06	/	/	<=33	Pass
DFT-s-OFDM QPSK	2511	Outer_Full	24.54	/	/	27.14	/	/	<=33	Pass
		Inner_Full	26.65	/	/	29.25	/	/	<=33	Pass
		Inner_1RB_Left	26.39	/	/	28.99	/	/	<=33	Pass
		Inner_1RB_Right	26.30	/	/	28.90	/	/	<=33	Pass
	2592.99	Outer_Full	24.47	/	/	27.07	/	/	<=33	Pass
		Inner_Full	26.46	/	/	29.06	/	/	<=33	Pass
		Inner_1RB_Left	26.36	/	/	28.96	/	/	<=33	Pass
		Inner_1RB_Right	26.51	/	/	29.11	/	/	<=33	Pass
	2674.98	Outer_Full	24.45	/	/	27.05	/	/	<=33	Pass
		Inner_Full	26.50	/	/	29.10	/	/	<=33	Pass
		Inner_1RB_Left	26.33	/	/	28.93	/	/	<=33	Pass
		Inner_1RB_Right	26.42	/	/	29.02	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2511	Outer_Full	23.44	/	/	26.04	/	/	<=33	Pass
		Inner_Full	25.63	/	/	28.23	/	/	<=33	Pass
		Inner_1RB_Left	25.68	/	/	28.28	/	/	<=33	Pass
		Inner_1RB_Right	25.52	/	/	28.12	/	/	<=33	Pass
	2592.99	Outer_Full	23.42	/	/	26.02	/	/	<=33	Pass
		Inner_Full	25.55	/	/	28.15	/	/	<=33	Pass
		Inner_1RB_Left	25.84	/	/	28.44	/	/	<=33	Pass
		Inner_1RB_Right	25.68	/	/	28.28	/	/	<=33	Pass
	2674.98	Outer_Full	23.47	/	/	26.07	/	/	<=33	Pass
		Inner_Full	25.46	/	/	28.06	/	/	<=33	Pass
		Inner_1RB_Left	25.78	/	/	28.38	/	/	<=33	Pass
		Inner_1RB_Right	25.71	/	/	28.31	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2511	Outer_Full	22.94	/	/	25.54	/	/	<=33	Pass
		Inner_Full	23.61	/	/	26.21	/	/	<=33	Pass
		Inner_1RB_Left	23.55	/	/	26.15	/	/	<=33	Pass
		Inner_1RB_Right	23.41	/	/	26.01	/	/	<=33	Pass
	2592.99	Outer_Full	22.96	/	/	25.56	/	/	<=33	Pass
		Inner_Full	23.43	/	/	26.03	/	/	<=33	Pass
		Inner_1RB_Left	23.39	/	/	25.99	/	/	<=33	Pass
		Inner_1RB_Right	23.45	/	/	26.05	/	/	<=33	Pass
	2674.98	Outer_Full	22.95	/	/	25.55	/	/	<=33	Pass
		Inner_Full	23.54	/	/	26.14	/	/	<=33	Pass
		Inner_1RB_Left	23.45	/	/	26.05	/	/	<=33	Pass
		Inner_1RB_Right	23.58	/	/	26.18	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2511	Outer_Full	20.99	/	/	23.59	/	/	<=33	Pass
		Inner_Full	21.10	/	/	23.70	/	/	<=33	Pass

		Inner_1RB_Left	21.07	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Right	21.06	/	/	23.66	/	/	<=33	Pass
	2592.99	Outer_Full	21.01	/	/	23.61	/	/	<=33	Pass
		Inner_Full	20.95	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Left	21.00	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Right	21.05	/	/	23.65	/	/	<=33	Pass
	2674.98	Outer_Full	20.98	/	/	23.58	/	/	<=33	Pass
		Inner_Full	20.98	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Left	21.07	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Right	21.14	/	/	23.74	/	/	<=33	Pass
CP-OFDM QPSK	2511	Outer_Full	22.47	/	/	25.07	/	/	<=33	Pass
		Inner_Full	25.10	/	/	27.70	/	/	<=33	Pass
		Inner_1RB_Left	25.34	/	/	27.94	/	/	<=33	Pass
		Inner_1RB_Right	24.91	/	/	27.51	/	/	<=33	Pass
	2592.99	Outer_Full	22.45	/	/	25.05	/	/	<=33	Pass
		Inner_Full	24.95	/	/	27.55	/	/	<=33	Pass
		Inner_1RB_Left	24.79	/	/	27.39	/	/	<=33	Pass
		Inner_1RB_Right	25.03	/	/	27.63	/	/	<=33	Pass
	2674.98	Outer_Full	22.53	/	/	25.13	/	/	<=33	Pass
		Inner_Full	25.01	/	/	27.61	/	/	<=33	Pass
		Inner_1RB_Left	24.90	/	/	27.50	/	/	<=33	Pass
		Inner_1RB_Right	24.88	/	/	27.48	/	/	<=33	Pass
CP-OFDM 16 QAM	2511	Outer_Full	22.50	/	/	25.10	/	/	<=33	Pass
		Inner_Full	24.63	/	/	27.23	/	/	<=33	Pass
		Inner_1RB_Left	24.45	/	/	27.05	/	/	<=33	Pass
		Inner_1RB_Right	24.66	/	/	27.26	/	/	<=33	Pass
	2592.99	Outer_Full	22.51	/	/	25.11	/	/	<=33	Pass
		Inner_Full	24.39	/	/	26.99	/	/	<=33	Pass
		Inner_1RB_Left	24.54	/	/	27.14	/	/	<=33	Pass
		Inner_1RB_Right	24.56	/	/	27.16	/	/	<=33	Pass
	2674.98	Outer_Full	22.45	/	/	25.05	/	/	<=33	Pass
		Inner_Full	24.55	/	/	27.15	/	/	<=33	Pass
		Inner_1RB_Left	24.66	/	/	27.26	/	/	<=33	Pass
		Inner_1RB_Right	24.69	/	/	27.29	/	/	<=33	Pass
CP-OFDM 64 QAM	2511	Outer_Full	22.12	/	/	24.72	/	/	<=33	Pass
		Inner_Full	22.68	/	/	25.28	/	/	<=33	Pass
		Inner_1RB_Left	22.52	/	/	25.12	/	/	<=33	Pass
		Inner_1RB_Right	22.40	/	/	25.00	/	/	<=33	Pass
	2592.99	Outer_Full	21.97	/	/	24.57	/	/	<=33	Pass
		Inner_Full	22.37	/	/	24.97	/	/	<=33	Pass
		Inner_1RB_Left	22.37	/	/	24.97	/	/	<=33	Pass
		Inner_1RB_Right	22.40	/	/	25.00	/	/	<=33	Pass
	2674.98	Outer_Full	21.97	/	/	24.57	/	/	<=33	Pass
		Inner_Full	22.48	/	/	25.08	/	/	<=33	Pass
		Inner_1RB_Left	22.49	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Right	22.55	/	/	25.15	/	/	<=33	Pass
CP-OFDM 256 QAM	2511	Outer_Full	18.91	/	/	21.51	/	/	<=33	Pass
		Inner_Full	18.90	/	/	21.50	/	/	<=33	Pass
		Inner_1RB_Left	19.07	/	/	21.67	/	/	<=33	Pass
		Inner_1RB_Right	19.22	/	/	21.82	/	/	<=33	Pass
	2592.99	Outer_Full	18.89	/	/	21.49	/	/	<=33	Pass
		Inner_Full	18.88	/	/	21.48	/	/	<=33	Pass
		Inner_1RB_Left	19.04	/	/	21.64	/	/	<=33	Pass
		Inner_1RB_Right	19.17	/	/	21.77	/	/	<=33	Pass
	2674.98	Outer_Full	18.92	/	/	21.52	/	/	<=33	Pass
		Inner_Full	18.92	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Left	19.11	/	/	21.71	/	/	<=33	Pass
		Inner_1RB_Right	19.12	/	/	21.72	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 2.60dBi; Ant2: 2.60dBi;

Note2: EIRP=Conducted Power+Antenna Gain
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1.1.5 30k_SISO_40MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2516.01	Outer_Full	24.97	/	/	27.57	/	/	<=33	Pass
		Inner_Full	26.52	/	/	29.12	/	/	<=33	Pass
		Inner_1RB_Left	26.44	/	/	29.04	/	/	<=33	Pass
		Inner_1RB_Right	26.56	/	/	29.16	/	/	<=33	Pass
	2592.99	Outer_Full	24.92	/	/	27.52	/	/	<=33	Pass
		Inner_Full	26.45	/	/	29.05	/	/	<=33	Pass
		Inner_1RB_Left	26.37	/	/	28.97	/	/	<=33	Pass
		Inner_1RB_Right	26.57	/	/	29.17	/	/	<=33	Pass
	2670	Outer_Full	24.95	/	/	27.55	/	/	<=33	Pass
		Inner_Full	26.45	/	/	29.05	/	/	<=33	Pass
		Inner_1RB_Left	26.38	/	/	28.98	/	/	<=33	Pass
		Inner_1RB_Right	26.50	/	/	29.10	/	/	<=33	Pass
DFT-s-OFDM QPSK	2516.01	Outer_Full	24.53	/	/	27.13	/	/	<=33	Pass
		Inner_Full	26.54	/	/	29.14	/	/	<=33	Pass
		Inner_1RB_Left	26.36	/	/	28.96	/	/	<=33	Pass
		Inner_1RB_Right	26.63	/	/	29.23	/	/	<=33	Pass
	2592.99	Outer_Full	24.52	/	/	27.12	/	/	<=33	Pass
		Inner_Full	26.43	/	/	29.03	/	/	<=33	Pass
		Inner_1RB_Left	26.22	/	/	28.82	/	/	<=33	Pass
		Inner_1RB_Right	26.36	/	/	28.96	/	/	<=33	Pass
	2670	Outer_Full	24.50	/	/	27.10	/	/	<=33	Pass
		Inner_Full	26.39	/	/	28.99	/	/	<=33	Pass
		Inner_1RB_Left	26.41	/	/	29.01	/	/	<=33	Pass
		Inner_1RB_Right	26.44	/	/	29.04	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2516.01	Outer_Full	23.53	/	/	26.13	/	/	<=33	Pass
		Inner_Full	25.53	/	/	28.13	/	/	<=33	Pass
		Inner_1RB_Left	25.59	/	/	28.19	/	/	<=33	Pass
		Inner_1RB_Right	25.68	/	/	28.28	/	/	<=33	Pass
	2592.99	Outer_Full	23.54	/	/	26.14	/	/	<=33	Pass
		Inner_Full	25.49	/	/	28.09	/	/	<=33	Pass
		Inner_1RB_Left	25.66	/	/	28.26	/	/	<=33	Pass
		Inner_1RB_Right	25.89	/	/	28.49	/	/	<=33	Pass
	2670	Outer_Full	23.50	/	/	26.10	/	/	<=33	Pass
		Inner_Full	25.51	/	/	28.11	/	/	<=33	Pass
		Inner_1RB_Left	25.33	/	/	27.93	/	/	<=33	Pass
		Inner_1RB_Right	25.49	/	/	28.09	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2516.01	Outer_Full	23.03	/	/	25.63	/	/	<=33	Pass
		Inner_Full	23.56	/	/	26.16	/	/	<=33	Pass
		Inner_1RB_Left	23.54	/	/	26.14	/	/	<=33	Pass
		Inner_1RB_Right	23.62	/	/	26.22	/	/	<=33	Pass
	2592.99	Outer_Full	22.97	/	/	25.57	/	/	<=33	Pass
		Inner_Full	23.50	/	/	26.10	/	/	<=33	Pass
		Inner_1RB_Left	23.44	/	/	26.04	/	/	<=33	Pass
		Inner_1RB_Right	23.63	/	/	26.23	/	/	<=33	Pass
	2670	Outer_Full	22.98	/	/	25.58	/	/	<=33	Pass
		Inner_Full	23.50	/	/	26.10	/	/	<=33	Pass
		Inner_1RB_Left	23.41	/	/	26.01	/	/	<=33	Pass
		Inner_1RB_Right	23.58	/	/	26.18	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2516.01	Outer_Full	21.00	/	/	23.60	/	/	<=33	Pass
		Inner_Full	20.93	/	/	23.53	/	/	<=33	Pass

		Inner_1RB_Left	21.19	/	/	23.79	/	/	<=33	Pass
		Inner_1RB_Right	21.26	/	/	23.86	/	/	<=33	Pass
	2592.99	Outer_Full	20.92	/	/	23.52	/	/	<=33	Pass
		Inner_Full	20.97	/	/	23.57	/	/	<=33	Pass
		Inner_1RB_Left	21.01	/	/	23.61	/	/	<=33	Pass
		Inner_1RB_Right	21.28	/	/	23.88	/	/	<=33	Pass
	2670	Outer_Full	21.02	/	/	23.62	/	/	<=33	Pass
		Inner_Full	21.07	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Left	21.16	/	/	23.76	/	/	<=33	Pass
		Inner_1RB_Right	21.33	/	/	23.93	/	/	<=33	Pass
CP-OFDM QPSK	2516.01	Outer_Full	22.52	/	/	25.12	/	/	<=33	Pass
		Inner_Full	25.13	/	/	27.73	/	/	<=33	Pass
		Inner_1RB_Left	25.20	/	/	27.80	/	/	<=33	Pass
		Inner_1RB_Right	25.16	/	/	27.76	/	/	<=33	Pass
	2592.99	Outer_Full	22.44	/	/	25.04	/	/	<=33	Pass
		Inner_Full	25.00	/	/	27.60	/	/	<=33	Pass
		Inner_1RB_Left	25.06	/	/	27.66	/	/	<=33	Pass
		Inner_1RB_Right	25.13	/	/	27.73	/	/	<=33	Pass
	2670	Outer_Full	22.54	/	/	25.14	/	/	<=33	Pass
		Inner_Full	24.95	/	/	27.55	/	/	<=33	Pass
		Inner_1RB_Left	25.06	/	/	27.66	/	/	<=33	Pass
		Inner_1RB_Right	25.04	/	/	27.64	/	/	<=33	Pass
CP-OFDM 16 QAM	2516.01	Outer_Full	22.44	/	/	25.04	/	/	<=33	Pass
		Inner_Full	24.56	/	/	27.16	/	/	<=33	Pass
		Inner_1RB_Left	24.68	/	/	27.28	/	/	<=33	Pass
		Inner_1RB_Right	24.82	/	/	27.42	/	/	<=33	Pass
	2592.99	Outer_Full	22.56	/	/	25.16	/	/	<=33	Pass
		Inner_Full	24.49	/	/	27.09	/	/	<=33	Pass
		Inner_1RB_Left	24.55	/	/	27.15	/	/	<=33	Pass
		Inner_1RB_Right	24.78	/	/	27.38	/	/	<=33	Pass
	2670	Outer_Full	22.50	/	/	25.10	/	/	<=33	Pass
		Inner_Full	24.45	/	/	27.05	/	/	<=33	Pass
		Inner_1RB_Left	24.37	/	/	26.97	/	/	<=33	Pass
		Inner_1RB_Right	24.42	/	/	27.02	/	/	<=33	Pass
CP-OFDM 64 QAM	2516.01	Outer_Full	22.07	/	/	24.67	/	/	<=33	Pass
		Inner_Full	22.47	/	/	25.07	/	/	<=33	Pass
		Inner_1RB_Left	22.46	/	/	25.06	/	/	<=33	Pass
		Inner_1RB_Right	22.47	/	/	25.07	/	/	<=33	Pass
	2592.99	Outer_Full	21.97	/	/	24.57	/	/	<=33	Pass
		Inner_Full	22.43	/	/	25.03	/	/	<=33	Pass
		Inner_1RB_Left	22.41	/	/	25.01	/	/	<=33	Pass
		Inner_1RB_Right	22.61	/	/	25.21	/	/	<=33	Pass
	2670	Outer_Full	21.91	/	/	24.51	/	/	<=33	Pass
		Inner_Full	22.38	/	/	24.98	/	/	<=33	Pass
		Inner_1RB_Left	22.43	/	/	25.03	/	/	<=33	Pass
		Inner_1RB_Right	22.56	/	/	25.16	/	/	<=33	Pass
CP-OFDM 256 QAM	2516.01	Outer_Full	19.10	/	/	21.70	/	/	<=33	Pass
		Inner_Full	18.91	/	/	21.51	/	/	<=33	Pass
		Inner_1RB_Left	19.21	/	/	21.81	/	/	<=33	Pass
		Inner_1RB_Right	19.16	/	/	21.76	/	/	<=33	Pass
	2592.99	Outer_Full	18.95	/	/	21.55	/	/	<=33	Pass
		Inner_Full	18.89	/	/	21.49	/	/	<=33	Pass
		Inner_1RB_Left	19.18	/	/	21.78	/	/	<=33	Pass
		Inner_1RB_Right	19.31	/	/	21.91	/	/	<=33	Pass
	2670	Outer_Full	18.96	/	/	21.56	/	/	<=33	Pass
		Inner_Full	18.96	/	/	21.56	/	/	<=33	Pass
		Inner_1RB_Left	19.09	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Right	19.30	/	/	21.90	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 2.60dBi; Ant2: 2.60dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.6 30k_SISO_50MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2521.02	Outer_Full	25.02	/	/	27.62	/	/	<=33	Pass
		Inner_Full	26.48	/	/	29.08	/	/	<=33	Pass
		Inner_1RB_Left	26.49	/	/	29.09	/	/	<=33	Pass
		Inner_1RB_Right	26.47	/	/	29.07	/	/	<=33	Pass
	2592.99	Outer_Full	25.01	/	/	27.61	/	/	<=33	Pass
		Inner_Full	26.46	/	/	29.06	/	/	<=33	Pass
		Inner_1RB_Left	26.37	/	/	28.97	/	/	<=33	Pass
		Inner_1RB_Right	26.43	/	/	29.03	/	/	<=33	Pass
	2664.99	Outer_Full	24.96	/	/	27.56	/	/	<=33	Pass
		Inner_Full	26.50	/	/	29.10	/	/	<=33	Pass
		Inner_1RB_Left	26.31	/	/	28.91	/	/	<=33	Pass
		Inner_1RB_Right	26.51	/	/	29.11	/	/	<=33	Pass
DFT-s-OFDM QPSK	2521.02	Outer_Full	24.64	/	/	27.24	/	/	<=33	Pass
		Inner_Full	26.59	/	/	29.19	/	/	<=33	Pass
		Inner_1RB_Left	26.56	/	/	29.16	/	/	<=33	Pass
		Inner_1RB_Right	26.58	/	/	29.18	/	/	<=33	Pass
	2592.99	Outer_Full	24.46	/	/	27.06	/	/	<=33	Pass
		Inner_Full	26.54	/	/	29.14	/	/	<=33	Pass
		Inner_1RB_Left	26.48	/	/	29.08	/	/	<=33	Pass
		Inner_1RB_Right	26.52	/	/	29.12	/	/	<=33	Pass
	2664.99	Outer_Full	24.45	/	/	27.05	/	/	<=33	Pass
		Inner_Full	26.55	/	/	29.15	/	/	<=33	Pass
		Inner_1RB_Left	26.30	/	/	28.90	/	/	<=33	Pass
		Inner_1RB_Right	26.37	/	/	28.97	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2521.02	Outer_Full	23.63	/	/	26.23	/	/	<=33	Pass
		Inner_Full	25.60	/	/	28.20	/	/	<=33	Pass
		Inner_1RB_Left	25.95	/	/	28.55	/	/	<=33	Pass
		Inner_1RB_Right	25.48	/	/	28.08	/	/	<=33	Pass
	2592.99	Outer_Full	23.53	/	/	26.13	/	/	<=33	Pass
		Inner_Full	25.52	/	/	28.12	/	/	<=33	Pass
		Inner_1RB_Left	25.38	/	/	27.98	/	/	<=33	Pass
		Inner_1RB_Right	25.60	/	/	28.20	/	/	<=33	Pass
	2664.99	Outer_Full	23.40	/	/	26.00	/	/	<=33	Pass
		Inner_Full	25.55	/	/	28.15	/	/	<=33	Pass
		Inner_1RB_Left	25.65	/	/	28.25	/	/	<=33	Pass
		Inner_1RB_Right	25.58	/	/	28.18	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2521.02	Outer_Full	23.07	/	/	25.67	/	/	<=33	Pass
		Inner_Full	23.55	/	/	26.15	/	/	<=33	Pass
		Inner_1RB_Left	23.47	/	/	26.07	/	/	<=33	Pass
		Inner_1RB_Right	23.29	/	/	25.89	/	/	<=33	Pass
	2592.99	Outer_Full	23.02	/	/	25.62	/	/	<=33	Pass
		Inner_Full	23.50	/	/	26.10	/	/	<=33	Pass
		Inner_1RB_Left	23.49	/	/	26.09	/	/	<=33	Pass
		Inner_1RB_Right	23.57	/	/	26.17	/	/	<=33	Pass
	2664.99	Outer_Full	22.94	/	/	25.54	/	/	<=33	Pass
		Inner_Full	23.55	/	/	26.15	/	/	<=33	Pass
		Inner_1RB_Left	23.35	/	/	25.95	/	/	<=33	Pass
		Inner_1RB_Right	23.51	/	/	26.11	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2521.02	Outer_Full	21.01	/	/	23.61	/	/	<=33	Pass
		Inner_Full	21.06	/	/	23.66	/	/	<=33	Pass

		Inner_1RB_Left	21.23	/	/	23.83	/	/	<=33	Pass
		Inner_1RB_Right	21.19	/	/	23.79	/	/	<=33	Pass
	2592.99	Outer_Full	20.97	/	/	23.57	/	/	<=33	Pass
		Inner_Full	21.00	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Left	21.11	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Right	21.28	/	/	23.88	/	/	<=33	Pass
	2664.99	Outer_Full	20.88	/	/	23.48	/	/	<=33	Pass
		Inner_Full	21.05	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Left	20.96	/	/	23.56	/	/	<=33	Pass
		Inner_1RB_Right	21.14	/	/	23.74	/	/	<=33	Pass
CP-OFDM QPSK	2521.02	Outer_Full	22.56	/	/	25.16	/	/	<=33	Pass
		Inner_Full	25.01	/	/	27.61	/	/	<=33	Pass
		Inner_1RB_Left	25.15	/	/	27.75	/	/	<=33	Pass
		Inner_1RB_Right	25.18	/	/	27.78	/	/	<=33	Pass
	2592.99	Outer_Full	22.47	/	/	25.07	/	/	<=33	Pass
		Inner_Full	24.97	/	/	27.57	/	/	<=33	Pass
		Inner_1RB_Left	24.80	/	/	27.40	/	/	<=33	Pass
		Inner_1RB_Right	25.10	/	/	27.70	/	/	<=33	Pass
	2664.99	Outer_Full	22.41	/	/	25.01	/	/	<=33	Pass
		Inner_Full	24.99	/	/	27.59	/	/	<=33	Pass
		Inner_1RB_Left	24.95	/	/	27.55	/	/	<=33	Pass
		Inner_1RB_Right	24.99	/	/	27.59	/	/	<=33	Pass
CP-OFDM 16 QAM	2521.02	Outer_Full	22.50	/	/	25.10	/	/	<=33	Pass
		Inner_Full	24.53	/	/	27.13	/	/	<=33	Pass
		Inner_1RB_Left	24.67	/	/	27.27	/	/	<=33	Pass
		Inner_1RB_Right	24.51	/	/	27.11	/	/	<=33	Pass
	2592.99	Outer_Full	22.48	/	/	25.08	/	/	<=33	Pass
		Inner_Full	24.56	/	/	27.16	/	/	<=33	Pass
		Inner_1RB_Left	24.26	/	/	26.86	/	/	<=33	Pass
		Inner_1RB_Right	24.71	/	/	27.31	/	/	<=33	Pass
	2664.99	Outer_Full	22.44	/	/	25.04	/	/	<=33	Pass
		Inner_Full	24.59	/	/	27.19	/	/	<=33	Pass
		Inner_1RB_Left	24.54	/	/	27.14	/	/	<=33	Pass
		Inner_1RB_Right	24.75	/	/	27.35	/	/	<=33	Pass
CP-OFDM 64 QAM	2521.02	Outer_Full	21.98	/	/	24.58	/	/	<=33	Pass
		Inner_Full	22.55	/	/	25.15	/	/	<=33	Pass
		Inner_1RB_Left	22.68	/	/	25.28	/	/	<=33	Pass
		Inner_1RB_Right	22.61	/	/	25.21	/	/	<=33	Pass
	2592.99	Outer_Full	21.96	/	/	24.56	/	/	<=33	Pass
		Inner_Full	22.49	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Left	22.44	/	/	25.04	/	/	<=33	Pass
		Inner_1RB_Right	22.60	/	/	25.20	/	/	<=33	Pass
	2664.99	Outer_Full	21.89	/	/	24.49	/	/	<=33	Pass
		Inner_Full	22.50	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Left	22.37	/	/	24.97	/	/	<=33	Pass
		Inner_1RB_Right	22.53	/	/	25.13	/	/	<=33	Pass
CP-OFDM 256 QAM	2521.02	Outer_Full	18.99	/	/	21.59	/	/	<=33	Pass
		Inner_Full	18.95	/	/	21.55	/	/	<=33	Pass
		Inner_1RB_Left	19.23	/	/	21.83	/	/	<=33	Pass
		Inner_1RB_Right	19.23	/	/	21.83	/	/	<=33	Pass
	2592.99	Outer_Full	18.92	/	/	21.52	/	/	<=33	Pass
		Inner_Full	18.92	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Left	19.02	/	/	21.62	/	/	<=33	Pass
		Inner_1RB_Right	19.29	/	/	21.89	/	/	<=33	Pass
	2664.99	Outer_Full	18.87	/	/	21.47	/	/	<=33	Pass
		Inner_Full	18.96	/	/	21.56	/	/	<=33	Pass
		Inner_1RB_Left	19.09	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Right	19.32	/	/	21.92	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 2.60dBi; Ant2: 2.60dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.7 30k_SISO_60MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2526	Outer_Full	24.99	/	/	27.59	/	/	<=33	Pass
		Inner_Full	26.57	/	/	29.17	/	/	<=33	Pass
		Inner_1RB_Left	26.44	/	/	29.04	/	/	<=33	Pass
		Inner_1RB_Right	26.37	/	/	28.97	/	/	<=33	Pass
	2592.99	Outer_Full	24.99	/	/	27.59	/	/	<=33	Pass
		Inner_Full	26.57	/	/	29.17	/	/	<=33	Pass
		Inner_1RB_Left	26.25	/	/	28.85	/	/	<=33	Pass
		Inner_1RB_Right	26.47	/	/	29.07	/	/	<=33	Pass
	2659.98	Outer_Full	24.88	/	/	27.48	/	/	<=33	Pass
		Inner_Full	26.58	/	/	29.18	/	/	<=33	Pass
		Inner_1RB_Left	26.11	/	/	28.71	/	/	<=33	Pass
		Inner_1RB_Right	26.57	/	/	29.17	/	/	<=33	Pass
DFT-s-OFDM QPSK	2526	Outer_Full	24.49	/	/	27.09	/	/	<=33	Pass
		Inner_Full	26.60	/	/	29.20	/	/	<=33	Pass
		Inner_1RB_Left	26.42	/	/	29.02	/	/	<=33	Pass
		Inner_1RB_Right	26.33	/	/	28.93	/	/	<=33	Pass
	2592.99	Outer_Full	24.48	/	/	27.08	/	/	<=33	Pass
		Inner_Full	26.49	/	/	29.09	/	/	<=33	Pass
		Inner_1RB_Left	26.24	/	/	28.84	/	/	<=33	Pass
		Inner_1RB_Right	26.30	/	/	28.90	/	/	<=33	Pass
	2659.98	Outer_Full	24.42	/	/	27.02	/	/	<=33	Pass
		Inner_Full	26.61	/	/	29.21	/	/	<=33	Pass
		Inner_1RB_Left	26.15	/	/	28.75	/	/	<=33	Pass
		Inner_1RB_Right	26.58	/	/	29.18	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2526	Outer_Full	23.55	/	/	26.15	/	/	<=33	Pass
		Inner_Full	25.58	/	/	28.18	/	/	<=33	Pass
		Inner_1RB_Left	25.38	/	/	27.98	/	/	<=33	Pass
		Inner_1RB_Right	25.51	/	/	28.11	/	/	<=33	Pass
	2592.99	Outer_Full	23.32	/	/	25.92	/	/	<=33	Pass
		Inner_Full	25.44	/	/	28.04	/	/	<=33	Pass
		Inner_1RB_Left	25.26	/	/	27.86	/	/	<=33	Pass
		Inner_1RB_Right	25.72	/	/	28.32	/	/	<=33	Pass
	2659.98	Outer_Full	23.43	/	/	26.03	/	/	<=33	Pass
		Inner_Full	25.60	/	/	28.20	/	/	<=33	Pass
		Inner_1RB_Left	25.17	/	/	27.77	/	/	<=33	Pass
		Inner_1RB_Right	25.44	/	/	28.04	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2526	Outer_Full	23.08	/	/	25.68	/	/	<=33	Pass
		Inner_Full	23.59	/	/	26.19	/	/	<=33	Pass
		Inner_1RB_Left	23.38	/	/	25.98	/	/	<=33	Pass
		Inner_1RB_Right	23.43	/	/	26.03	/	/	<=33	Pass
	2592.99	Outer_Full	22.93	/	/	25.53	/	/	<=33	Pass
		Inner_Full	23.53	/	/	26.13	/	/	<=33	Pass
		Inner_1RB_Left	23.29	/	/	25.89	/	/	<=33	Pass
		Inner_1RB_Right	23.52	/	/	26.12	/	/	<=33	Pass
	2659.98	Outer_Full	22.91	/	/	25.51	/	/	<=33	Pass
		Inner_Full	23.55	/	/	26.15	/	/	<=33	Pass
		Inner_1RB_Left	23.19	/	/	25.79	/	/	<=33	Pass
		Inner_1RB_Right	23.57	/	/	26.17	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2526	Outer_Full	20.98	/	/	23.58	/	/	<=33	Pass
		Inner_Full	21.06	/	/	23.66	/	/	<=33	Pass

		Inner_1RB_Left	21.22	/	/	23.82	/	/	<=33	Pass
		Inner_1RB_Right	21.00	/	/	23.60	/	/	<=33	Pass
	2592.99	Outer_Full	20.91	/	/	23.51	/	/	<=33	Pass
		Inner_Full	20.95	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Left	20.89	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Right	21.09	/	/	23.69	/	/	<=33	Pass
	2659.98	Outer_Full	20.94	/	/	23.54	/	/	<=33	Pass
		Inner_Full	21.06	/	/	23.66	/	/	<=33	Pass
		Inner_1RB_Left	20.98	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Right	21.30	/	/	23.90	/	/	<=33	Pass
CP-OFDM QPSK	2526	Outer_Full	22.47	/	/	25.07	/	/	<=33	Pass
		Inner_Full	25.08	/	/	27.68	/	/	<=33	Pass
		Inner_1RB_Left	25.13	/	/	27.73	/	/	<=33	Pass
		Inner_1RB_Right	24.96	/	/	27.56	/	/	<=33	Pass
	2592.99	Outer_Full	22.45	/	/	25.05	/	/	<=33	Pass
		Inner_Full	25.02	/	/	27.62	/	/	<=33	Pass
		Inner_1RB_Left	24.93	/	/	27.53	/	/	<=33	Pass
		Inner_1RB_Right	24.79	/	/	27.39	/	/	<=33	Pass
	2659.98	Outer_Full	22.42	/	/	25.02	/	/	<=33	Pass
		Inner_Full	25.03	/	/	27.63	/	/	<=33	Pass
		Inner_1RB_Left	24.77	/	/	27.37	/	/	<=33	Pass
		Inner_1RB_Right	25.06	/	/	27.66	/	/	<=33	Pass
CP-OFDM 16 QAM	2526	Outer_Full	22.55	/	/	25.15	/	/	<=33	Pass
		Inner_Full	24.55	/	/	27.15	/	/	<=33	Pass
		Inner_1RB_Left	24.51	/	/	27.11	/	/	<=33	Pass
		Inner_1RB_Right	24.63	/	/	27.23	/	/	<=33	Pass
	2592.99	Outer_Full	22.36	/	/	24.96	/	/	<=33	Pass
		Inner_Full	24.49	/	/	27.09	/	/	<=33	Pass
		Inner_1RB_Left	24.30	/	/	26.90	/	/	<=33	Pass
		Inner_1RB_Right	24.55	/	/	27.15	/	/	<=33	Pass
	2659.98	Outer_Full	22.47	/	/	25.07	/	/	<=33	Pass
		Inner_Full	24.54	/	/	27.14	/	/	<=33	Pass
		Inner_1RB_Left	24.15	/	/	26.75	/	/	<=33	Pass
		Inner_1RB_Right	24.54	/	/	27.14	/	/	<=33	Pass
CP-OFDM 64 QAM	2526	Outer_Full	22.04	/	/	24.64	/	/	<=33	Pass
		Inner_Full	22.54	/	/	25.14	/	/	<=33	Pass
		Inner_1RB_Left	22.55	/	/	25.15	/	/	<=33	Pass
		Inner_1RB_Right	22.52	/	/	25.12	/	/	<=33	Pass
	2592.99	Outer_Full	21.92	/	/	24.52	/	/	<=33	Pass
		Inner_Full	22.51	/	/	25.11	/	/	<=33	Pass
		Inner_1RB_Left	22.20	/	/	24.80	/	/	<=33	Pass
		Inner_1RB_Right	22.43	/	/	25.03	/	/	<=33	Pass
	2659.98	Outer_Full	21.97	/	/	24.57	/	/	<=33	Pass
		Inner_Full	22.62	/	/	25.22	/	/	<=33	Pass
		Inner_1RB_Left	22.22	/	/	24.82	/	/	<=33	Pass
		Inner_1RB_Right	22.60	/	/	25.20	/	/	<=33	Pass
CP-OFDM 256 QAM	2526	Outer_Full	18.96	/	/	21.56	/	/	<=33	Pass
		Inner_Full	19.00	/	/	21.60	/	/	<=33	Pass
		Inner_1RB_Left	19.13	/	/	21.73	/	/	<=33	Pass
		Inner_1RB_Right	19.07	/	/	21.67	/	/	<=33	Pass
	2592.99	Outer_Full	18.89	/	/	21.49	/	/	<=33	Pass
		Inner_Full	18.94	/	/	21.54	/	/	<=33	Pass
		Inner_1RB_Left	18.97	/	/	21.57	/	/	<=33	Pass
		Inner_1RB_Right	19.17	/	/	21.77	/	/	<=33	Pass
	2659.98	Outer_Full	18.87	/	/	21.47	/	/	<=33	Pass
		Inner_Full	19.02	/	/	21.62	/	/	<=33	Pass
		Inner_1RB_Left	18.95	/	/	21.55	/	/	<=33	Pass
		Inner_1RB_Right	19.24	/	/	21.84	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 2.60dBi; Ant2: 2.60dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.8 30k_SISO_80MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2536.02	Outer_Full	25.03	/	/	27.63	/	/	<=33	Pass
		Inner_Full	26.44	/	/	29.04	/	/	<=33	Pass
		Inner_1RB_Left	26.42	/	/	29.02	/	/	<=33	Pass
		Inner_1RB_Right	26.63	/	/	29.23	/	/	<=33	Pass
	2592.99	Outer_Full	24.93	/	/	27.53	/	/	<=33	Pass
		Inner_Full	26.53	/	/	29.13	/	/	<=33	Pass
		Inner_1RB_Left	26.15	/	/	28.75	/	/	<=33	Pass
		Inner_1RB_Right	26.50	/	/	29.10	/	/	<=33	Pass
	2649.99	Outer_Full	24.91	/	/	27.51	/	/	<=33	Pass
		Inner_Full	26.51	/	/	29.11	/	/	<=33	Pass
		Inner_1RB_Left	26.16	/	/	28.76	/	/	<=33	Pass
		Inner_1RB_Right	26.58	/	/	29.18	/	/	<=33	Pass
DFT-s-OFDM QPSK	2536.02	Outer_Full	24.52	/	/	27.12	/	/	<=33	Pass
		Inner_Full	26.54	/	/	29.14	/	/	<=33	Pass
		Inner_1RB_Left	26.29	/	/	28.89	/	/	<=33	Pass
		Inner_1RB_Right	26.56	/	/	29.16	/	/	<=33	Pass
	2592.99	Outer_Full	24.46	/	/	27.06	/	/	<=33	Pass
		Inner_Full	26.45	/	/	29.05	/	/	<=33	Pass
		Inner_1RB_Left	25.94	/	/	28.54	/	/	<=33	Pass
		Inner_1RB_Right	26.62	/	/	29.22	/	/	<=33	Pass
	2649.99	Outer_Full	24.57	/	/	27.17	/	/	<=33	Pass
		Inner_Full	26.43	/	/	29.03	/	/	<=33	Pass
		Inner_1RB_Left	26.11	/	/	28.71	/	/	<=33	Pass
		Inner_1RB_Right	26.44	/	/	29.04	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2536.02	Outer_Full	23.52	/	/	26.12	/	/	<=33	Pass
		Inner_Full	25.54	/	/	28.14	/	/	<=33	Pass
		Inner_1RB_Left	25.42	/	/	28.02	/	/	<=33	Pass
		Inner_1RB_Right	25.67	/	/	28.27	/	/	<=33	Pass
	2592.99	Outer_Full	23.47	/	/	26.07	/	/	<=33	Pass
		Inner_Full	25.50	/	/	28.10	/	/	<=33	Pass
		Inner_1RB_Left	25.39	/	/	27.99	/	/	<=33	Pass
		Inner_1RB_Right	25.84	/	/	28.44	/	/	<=33	Pass
	2649.99	Outer_Full	23.36	/	/	25.96	/	/	<=33	Pass
		Inner_Full	25.42	/	/	28.02	/	/	<=33	Pass
		Inner_1RB_Left	25.01	/	/	27.61	/	/	<=33	Pass
		Inner_1RB_Right	25.47	/	/	28.07	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2536.02	Outer_Full	23.02	/	/	25.62	/	/	<=33	Pass
		Inner_Full	23.47	/	/	26.07	/	/	<=33	Pass
		Inner_1RB_Left	23.45	/	/	26.05	/	/	<=33	Pass
		Inner_1RB_Right	23.59	/	/	26.19	/	/	<=33	Pass
	2592.99	Outer_Full	22.97	/	/	25.57	/	/	<=33	Pass
		Inner_Full	23.46	/	/	26.06	/	/	<=33	Pass
		Inner_1RB_Left	23.15	/	/	25.75	/	/	<=33	Pass
		Inner_1RB_Right	23.61	/	/	26.21	/	/	<=33	Pass
	2649.99	Outer_Full	22.82	/	/	25.42	/	/	<=33	Pass
		Inner_Full	23.44	/	/	26.04	/	/	<=33	Pass
		Inner_1RB_Left	22.97	/	/	25.57	/	/	<=33	Pass
		Inner_1RB_Right	23.49	/	/	26.09	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2536.02	Outer_Full	20.99	/	/	23.59	/	/	<=33	Pass
		Inner_Full	20.94	/	/	23.54	/	/	<=33	Pass

		Inner_1RB_Left	21.05	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Right	21.27	/	/	23.87	/	/	<=33	Pass
	2592.99	Outer_Full	20.97	/	/	23.57	/	/	<=33	Pass
		Inner_Full	20.91	/	/	23.51	/	/	<=33	Pass
		Inner_1RB_Left	20.72	/	/	23.32	/	/	<=33	Pass
		Inner_1RB_Right	21.33	/	/	23.93	/	/	<=33	Pass
	2649.99	Outer_Full	20.83	/	/	23.43	/	/	<=33	Pass
		Inner_Full	20.87	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	20.60	/	/	23.20	/	/	<=33	Pass
		Inner_1RB_Right	21.10	/	/	23.70	/	/	<=33	Pass
CP-OFDM QPSK	2536.02	Outer_Full	22.43	/	/	25.03	/	/	<=33	Pass
		Inner_Full	24.97	/	/	27.57	/	/	<=33	Pass
		Inner_1RB_Left	25.32	/	/	27.92	/	/	<=33	Pass
		Inner_1RB_Right	24.89	/	/	27.49	/	/	<=33	Pass
	2592.99	Outer_Full	22.30	/	/	24.90	/	/	<=33	Pass
		Inner_Full	25.00	/	/	27.60	/	/	<=33	Pass
		Inner_1RB_Left	24.67	/	/	27.27	/	/	<=33	Pass
		Inner_1RB_Right	25.48	/	/	28.08	/	/	<=33	Pass
	2649.99	Outer_Full	22.39	/	/	24.99	/	/	<=33	Pass
		Inner_Full	25.01	/	/	27.61	/	/	<=33	Pass
		Inner_1RB_Left	24.48	/	/	27.08	/	/	<=33	Pass
		Inner_1RB_Right	24.94	/	/	27.54	/	/	<=33	Pass
CP-OFDM 16 QAM	2536.02	Outer_Full	22.44	/	/	25.04	/	/	<=33	Pass
		Inner_Full	24.54	/	/	27.14	/	/	<=33	Pass
		Inner_1RB_Left	24.37	/	/	26.97	/	/	<=33	Pass
		Inner_1RB_Right	24.66	/	/	27.26	/	/	<=33	Pass
	2592.99	Outer_Full	22.40	/	/	25.00	/	/	<=33	Pass
		Inner_Full	24.51	/	/	27.11	/	/	<=33	Pass
		Inner_1RB_Left	24.16	/	/	26.76	/	/	<=33	Pass
		Inner_1RB_Right	24.82	/	/	27.42	/	/	<=33	Pass
	2649.99	Outer_Full	22.36	/	/	24.96	/	/	<=33	Pass
		Inner_Full	24.48	/	/	27.08	/	/	<=33	Pass
		Inner_1RB_Left	24.25	/	/	26.85	/	/	<=33	Pass
		Inner_1RB_Right	24.71	/	/	27.31	/	/	<=33	Pass
CP-OFDM 64 QAM	2536.02	Outer_Full	21.87	/	/	24.47	/	/	<=33	Pass
		Inner_Full	22.53	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Left	22.48	/	/	25.08	/	/	<=33	Pass
		Inner_1RB_Right	22.55	/	/	25.15	/	/	<=33	Pass
	2592.99	Outer_Full	22.00	/	/	24.60	/	/	<=33	Pass
		Inner_Full	22.39	/	/	24.99	/	/	<=33	Pass
		Inner_1RB_Left	22.25	/	/	24.85	/	/	<=33	Pass
		Inner_1RB_Right	22.53	/	/	25.13	/	/	<=33	Pass
	2649.99	Outer_Full	21.89	/	/	24.49	/	/	<=33	Pass
		Inner_Full	22.46	/	/	25.06	/	/	<=33	Pass
		Inner_1RB_Left	22.10	/	/	24.70	/	/	<=33	Pass
		Inner_1RB_Right	22.59	/	/	25.19	/	/	<=33	Pass
CP-OFDM 256 QAM	2536.02	Outer_Full	18.87	/	/	21.47	/	/	<=33	Pass
		Inner_Full	18.85	/	/	21.45	/	/	<=33	Pass
		Inner_1RB_Left	19.04	/	/	21.64	/	/	<=33	Pass
		Inner_1RB_Right	19.12	/	/	21.72	/	/	<=33	Pass
	2592.99	Outer_Full	18.91	/	/	21.51	/	/	<=33	Pass
		Inner_Full	18.90	/	/	21.50	/	/	<=33	Pass
		Inner_1RB_Left	18.71	/	/	21.31	/	/	<=33	Pass
		Inner_1RB_Right	19.26	/	/	21.86	/	/	<=33	Pass
	2649.99	Outer_Full	18.75	/	/	21.35	/	/	<=33	Pass
		Inner_Full	18.80	/	/	21.40	/	/	<=33	Pass
		Inner_1RB_Left	18.71	/	/	21.31	/	/	<=33	Pass
		Inner_1RB_Right	19.16	/	/	21.76	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 2.60dBi; Ant2: 2.60dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.9 30k_SISO_90MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2541	Outer_Full	24.83	/	/	27.43	/	/	<=33	Pass
		Inner_Full	26.41	/	/	29.01	/	/	<=33	Pass
		Inner_1RB_Left	26.34	/	/	28.94	/	/	<=33	Pass
		Inner_1RB_Right	26.61	/	/	29.21	/	/	<=33	Pass
	2592.99	Outer_Full	24.93	/	/	27.53	/	/	<=33	Pass
		Inner_Full	26.43	/	/	29.03	/	/	<=33	Pass
		Inner_1RB_Left	26.05	/	/	28.65	/	/	<=33	Pass
		Inner_1RB_Right	26.63	/	/	29.23	/	/	<=33	Pass
	2644.98	Outer_Full	24.84	/	/	27.44	/	/	<=33	Pass
		Inner_Full	26.49	/	/	29.09	/	/	<=33	Pass
		Inner_1RB_Left	25.98	/	/	28.58	/	/	<=33	Pass
		Inner_1RB_Right	26.47	/	/	29.07	/	/	<=33	Pass
DFT-s-OFDM QPSK	2541	Outer_Full	24.47	/	/	27.07	/	/	<=33	Pass
		Inner_Full	26.53	/	/	29.13	/	/	<=33	Pass
		Inner_1RB_Left	26.18	/	/	28.78	/	/	<=33	Pass
		Inner_1RB_Right	26.53	/	/	29.13	/	/	<=33	Pass
	2592.99	Outer_Full	24.49	/	/	27.09	/	/	<=33	Pass
		Inner_Full	26.47	/	/	29.07	/	/	<=33	Pass
		Inner_1RB_Left	26.05	/	/	28.65	/	/	<=33	Pass
		Inner_1RB_Right	26.64	/	/	29.24	/	/	<=33	Pass
	2644.98	Outer_Full	24.39	/	/	26.99	/	/	<=33	Pass
		Inner_Full	26.49	/	/	29.09	/	/	<=33	Pass
		Inner_1RB_Left	25.93	/	/	28.53	/	/	<=33	Pass
		Inner_1RB_Right	26.46	/	/	29.06	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2541	Outer_Full	23.47	/	/	26.07	/	/	<=33	Pass
		Inner_Full	25.50	/	/	28.10	/	/	<=33	Pass
		Inner_1RB_Left	25.68	/	/	28.28	/	/	<=33	Pass
		Inner_1RB_Right	25.60	/	/	28.20	/	/	<=33	Pass
	2592.99	Outer_Full	23.43	/	/	26.03	/	/	<=33	Pass
		Inner_Full	25.45	/	/	28.05	/	/	<=33	Pass
		Inner_1RB_Left	25.04	/	/	27.64	/	/	<=33	Pass
		Inner_1RB_Right	25.61	/	/	28.21	/	/	<=33	Pass
	2644.98	Outer_Full	23.44	/	/	26.04	/	/	<=33	Pass
		Inner_Full	25.54	/	/	28.14	/	/	<=33	Pass
		Inner_1RB_Left	25.03	/	/	27.63	/	/	<=33	Pass
		Inner_1RB_Right	25.51	/	/	28.11	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2541	Outer_Full	22.98	/	/	25.58	/	/	<=33	Pass
		Inner_Full	23.45	/	/	26.05	/	/	<=33	Pass
		Inner_1RB_Left	23.35	/	/	25.95	/	/	<=33	Pass
		Inner_1RB_Right	23.48	/	/	26.08	/	/	<=33	Pass
	2592.99	Outer_Full	22.95	/	/	25.55	/	/	<=33	Pass
		Inner_Full	23.42	/	/	26.02	/	/	<=33	Pass
		Inner_1RB_Left	23.04	/	/	25.64	/	/	<=33	Pass
		Inner_1RB_Right	23.63	/	/	26.23	/	/	<=33	Pass
	2644.98	Outer_Full	22.94	/	/	25.54	/	/	<=33	Pass
		Inner_Full	23.51	/	/	26.11	/	/	<=33	Pass
		Inner_1RB_Left	23.04	/	/	25.64	/	/	<=33	Pass
		Inner_1RB_Right	23.61	/	/	26.21	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2541	Outer_Full	20.94	/	/	23.54	/	/	<=33	Pass
		Inner_Full	20.93	/	/	23.53	/	/	<=33	Pass

		Inner_1RB_Left	21.06	/	/	23.66	/	/	<=33	Pass
		Inner_1RB_Right	21.26	/	/	23.86	/	/	<=33	Pass
	2592.99	Outer_Full	20.96	/	/	23.56	/	/	<=33	Pass
		Inner_Full	20.88	/	/	23.48	/	/	<=33	Pass
		Inner_1RB_Left	20.74	/	/	23.34	/	/	<=33	Pass
		Inner_1RB_Right	21.40	/	/	24.00	/	/	<=33	Pass
	2644.98	Outer_Full	20.90	/	/	23.50	/	/	<=33	Pass
		Inner_Full	20.93	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Left	20.72	/	/	23.32	/	/	<=33	Pass
		Inner_1RB_Right	21.26	/	/	23.86	/	/	<=33	Pass
CP-OFDM QPSK	2541	Outer_Full	22.44	/	/	25.04	/	/	<=33	Pass
		Inner_Full	25.03	/	/	27.63	/	/	<=33	Pass
		Inner_1RB_Left	24.82	/	/	27.42	/	/	<=33	Pass
		Inner_1RB_Right	24.93	/	/	27.53	/	/	<=33	Pass
	2592.99	Outer_Full	22.43	/	/	25.03	/	/	<=33	Pass
		Inner_Full	24.98	/	/	27.58	/	/	<=33	Pass
		Inner_1RB_Left	24.83	/	/	27.43	/	/	<=33	Pass
		Inner_1RB_Right	25.20	/	/	27.80	/	/	<=33	Pass
	2644.98	Outer_Full	22.38	/	/	24.98	/	/	<=33	Pass
		Inner_Full	25.05	/	/	27.65	/	/	<=33	Pass
		Inner_1RB_Left	24.50	/	/	27.10	/	/	<=33	Pass
		Inner_1RB_Right	25.06	/	/	27.66	/	/	<=33	Pass
CP-OFDM 16 QAM	2541	Outer_Full	22.47	/	/	25.07	/	/	<=33	Pass
		Inner_Full	24.55	/	/	27.15	/	/	<=33	Pass
		Inner_1RB_Left	24.18	/	/	26.78	/	/	<=33	Pass
		Inner_1RB_Right	24.50	/	/	27.10	/	/	<=33	Pass
	2592.99	Outer_Full	22.46	/	/	25.06	/	/	<=33	Pass
		Inner_Full	24.47	/	/	27.07	/	/	<=33	Pass
		Inner_1RB_Left	23.94	/	/	26.54	/	/	<=33	Pass
		Inner_1RB_Right	24.63	/	/	27.23	/	/	<=33	Pass
	2644.98	Outer_Full	22.42	/	/	25.02	/	/	<=33	Pass
		Inner_Full	24.58	/	/	27.18	/	/	<=33	Pass
		Inner_1RB_Left	24.09	/	/	26.69	/	/	<=33	Pass
		Inner_1RB_Right	24.52	/	/	27.12	/	/	<=33	Pass
CP-OFDM 64 QAM	2541	Outer_Full	21.94	/	/	24.54	/	/	<=33	Pass
		Inner_Full	22.46	/	/	25.06	/	/	<=33	Pass
		Inner_1RB_Left	22.41	/	/	25.01	/	/	<=33	Pass
		Inner_1RB_Right	22.72	/	/	25.32	/	/	<=33	Pass
	2592.99	Outer_Full	21.91	/	/	24.51	/	/	<=33	Pass
		Inner_Full	22.46	/	/	25.06	/	/	<=33	Pass
		Inner_1RB_Left	22.01	/	/	24.61	/	/	<=33	Pass
		Inner_1RB_Right	22.60	/	/	25.20	/	/	<=33	Pass
	2644.98	Outer_Full	21.89	/	/	24.49	/	/	<=33	Pass
		Inner_Full	22.42	/	/	25.02	/	/	<=33	Pass
		Inner_1RB_Left	22.06	/	/	24.66	/	/	<=33	Pass
		Inner_1RB_Right	22.57	/	/	25.17	/	/	<=33	Pass
CP-OFDM 256 QAM	2541	Outer_Full	18.92	/	/	21.52	/	/	<=33	Pass
		Inner_Full	18.84	/	/	21.44	/	/	<=33	Pass
		Inner_1RB_Left	19.01	/	/	21.61	/	/	<=33	Pass
		Inner_1RB_Right	19.33	/	/	21.93	/	/	<=33	Pass
	2592.99	Outer_Full	18.86	/	/	21.46	/	/	<=33	Pass
		Inner_Full	18.84	/	/	21.44	/	/	<=33	Pass
		Inner_1RB_Left	18.74	/	/	21.34	/	/	<=33	Pass
		Inner_1RB_Right	19.34	/	/	21.94	/	/	<=33	Pass
	2644.98	Outer_Full	18.82	/	/	21.42	/	/	<=33	Pass
		Inner_Full	18.86	/	/	21.46	/	/	<=33	Pass
		Inner_1RB_Left	18.71	/	/	21.31	/	/	<=33	Pass
		Inner_1RB_Right	19.19	/	/	21.79	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 2.60dBi; Ant2: 2.60dBi;