

# Appendix C.4

## NR Band 25



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Wireless Laboratory

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### 1. Effective (Isotropic) Radiated Power Output Data

#### 1.1 Test Result

##### 1.1.1 15k\_SISO\_5MHz\_NTNV\_EIRP

5G NR n25 SCS=15kHz SISO 5MHz 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	1852.5	Edge_1RB_Left	21.86	/	/	25.94	/	/	<=33	Pass
		Edge_1RB_Right	21.78	/	/	25.86	/	/	<=33	Pass
		Outer_Full	21.84	/	/	25.92	/	/	<=33	Pass
		Inner_Full	22.26	/	/	26.34	/	/	<=33	Pass
		Inner_1RB_Left	22.43	/	/	26.51	/	/	<=33	Pass
		Inner_1RB_Right	22.29	/	/	26.37	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.81	/	/	25.89	/	/	<=33	Pass
		Edge_1RB_Right	21.91	/	/	25.99	/	/	<=33	Pass
		Outer_Full	21.96	/	/	26.04	/	/	<=33	Pass
		Inner_Full	22.36	/	/	26.44	/	/	<=33	Pass
		Inner_1RB_Left	22.35	/	/	26.43	/	/	<=33	Pass
		Inner_1RB_Right	22.45	/	/	26.53	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	21.96	/	/	26.04	/	/	<=33	Pass
		Edge_1RB_Right	22.02	/	/	26.10	/	/	<=33	Pass
		Outer_Full	22.03	/	/	26.11	/	/	<=33	Pass
		Inner_Full	22.46	/	/	26.54	/	/	<=33	Pass
		Inner_1RB_Left	22.50	/	/	26.58	/	/	<=33	Pass
		Inner_1RB_Right	22.49	/	/	26.57	/	/	<=33	Pass
DFT-s-OFDM QPSK	1852.5	Edge_1RB_Left	21.39	/	/	25.47	/	/	<=33	Pass
		Edge_1RB_Right	21.32	/	/	25.40	/	/	<=33	Pass
		Outer_Full	21.37	/	/	25.45	/	/	<=33	Pass
		Inner_Full	22.34	/	/	26.42	/	/	<=33	Pass
		Inner_1RB_Left	22.49	/	/	26.57	/	/	<=33	Pass
		Inner_1RB_Right	22.31	/	/	26.39	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.30	/	/	25.38	/	/	<=33	Pass
		Edge_1RB_Right	21.46	/	/	25.54	/	/	<=33	Pass
		Outer_Full	21.34	/	/	25.42	/	/	<=33	Pass
		Inner_Full	22.37	/	/	26.45	/	/	<=33	Pass
		Inner_1RB_Left	22.32	/	/	26.40	/	/	<=33	Pass



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	1912.5	Inner_1RB_Right	22.50	/	/	26.58	/	/	<=33	Pass
		Edge_1RB_Left	21.46	/	/	25.54	/	/	<=33	Pass
		Edge_1RB_Right	21.40	/	/	25.48	/	/	<=33	Pass
		Outer_Full	21.46	/	/	25.54	/	/	<=33	Pass
		Inner_Full	22.47	/	/	26.55	/	/	<=33	Pass
		Inner_1RB_Left	22.46	/	/	26.54	/	/	<=33	Pass
		Inner_1RB_Right	22.47	/	/	26.55	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1852.5	Edge_1RB_Left	20.35	/	/	24.43	/	/	<=33	Pass
		Edge_1RB_Right	20.32	/	/	24.40	/	/	<=33	Pass
		Outer_Full	20.42	/	/	24.50	/	/	<=33	Pass
		Inner_Full	21.39	/	/	25.47	/	/	<=33	Pass
		Inner_1RB_Left	21.53	/	/	25.61	/	/	<=33	Pass
		Inner_1RB_Right	21.10	/	/	25.18	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.50	/	/	24.58	/	/	<=33	Pass
		Edge_1RB_Right	20.41	/	/	24.49	/	/	<=33	Pass
		Outer_Full	20.42	/	/	24.50	/	/	<=33	Pass
		Inner_Full	21.43	/	/	25.51	/	/	<=33	Pass
		Inner_1RB_Left	21.08	/	/	25.16	/	/	<=33	Pass
		Inner_1RB_Right	21.34	/	/	25.42	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	20.45	/	/	24.53	/	/	<=33	Pass
		Edge_1RB_Right	20.53	/	/	24.61	/	/	<=33	Pass
		Outer_Full	20.55	/	/	24.63	/	/	<=33	Pass
		Inner_Full	21.58	/	/	25.66	/	/	<=33	Pass
		Inner_1RB_Left	21.59	/	/	25.67	/	/	<=33	Pass
		Inner_1RB_Right	21.56	/	/	25.64	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1852.5	Edge_1RB_Left	19.79	/	/	23.87	/	/	<=33	Pass
		Edge_1RB_Right	20.07	/	/	24.15	/	/	<=33	Pass
		Outer_Full	19.86	/	/	23.94	/	/	<=33	Pass
		Inner_Full	19.88	/	/	23.96	/	/	<=33	Pass
		Inner_1RB_Left	19.85	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Right	19.97	/	/	24.05	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.85	/	/	23.93	/	/	<=33	Pass
		Edge_1RB_Right	19.93	/	/	24.01	/	/	<=33	Pass
		Outer_Full	19.90	/	/	23.98	/	/	<=33	Pass
		Inner_Full	19.98	/	/	24.06	/	/	<=33	Pass
		Inner_1RB_Left	19.94	/	/	24.02	/	/	<=33	Pass
		Inner_1RB_Right	19.87	/	/	23.95	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	19.87	/	/	23.95	/	/	<=33	Pass



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		Edge_1RB_Right	20.07	/	/	24.15	/	/	<=33	Pass
		Outer_Full	20.11	/	/	24.19	/	/	<=33	Pass
		Inner_Full	20.07	/	/	24.15	/	/	<=33	Pass
		Inner_1RB_Left	20.09	/	/	24.17	/	/	<=33	Pass
		Inner_1RB_Right	20.06	/	/	24.14	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1852.5	Edge_1RB_Left	18.05	/	/	22.13	/	/	<=33	Pass
		Edge_1RB_Right	17.89	/	/	21.97	/	/	<=33	Pass
		Outer_Full	17.87	/	/	21.95	/	/	<=33	Pass
		Inner_Full	17.90	/	/	21.98	/	/	<=33	Pass
		Inner_1RB_Left	18.06	/	/	22.14	/	/	<=33	Pass
		Inner_1RB_Right	17.95	/	/	22.03	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	17.71	/	/	21.79	/	/	<=33	Pass
		Edge_1RB_Right	17.91	/	/	21.99	/	/	<=33	Pass
		Outer_Full	17.87	/	/	21.95	/	/	<=33	Pass
		Inner_Full	17.84	/	/	21.92	/	/	<=33	Pass
		Inner_1RB_Left	17.89	/	/	21.97	/	/	<=33	Pass
		Inner_1RB_Right	17.91	/	/	21.99	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	18.01	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	18.07	/	/	22.15	/	/	<=33	Pass
		Outer_Full	17.97	/	/	22.05	/	/	<=33	Pass
		Inner_Full	18.05	/	/	22.13	/	/	<=33	Pass
		Inner_1RB_Left	17.85	/	/	21.93	/	/	<=33	Pass
		Inner_1RB_Right	18.14	/	/	22.22	/	/	<=33	Pass
CP-OFDM QPSK	1852.5	Edge_1RB_Left	19.43	/	/	23.51	/	/	<=33	Pass
		Edge_1RB_Right	19.12	/	/	23.20	/	/	<=33	Pass
		Outer_Full	19.33	/	/	23.41	/	/	<=33	Pass
		Inner_Full	20.81	/	/	24.89	/	/	<=33	Pass
		Inner_1RB_Left	20.91	/	/	24.99	/	/	<=33	Pass
		Inner_1RB_Right	20.79	/	/	24.87	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.40	/	/	23.48	/	/	<=33	Pass
		Edge_1RB_Right	19.51	/	/	23.59	/	/	<=33	Pass
		Outer_Full	19.40	/	/	23.48	/	/	<=33	Pass
		Inner_Full	20.82	/	/	24.90	/	/	<=33	Pass
		Inner_1RB_Left	20.91	/	/	24.99	/	/	<=33	Pass
		Inner_1RB_Right	20.93	/	/	25.01	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	19.49	/	/	23.57	/	/	<=33	Pass
		Edge_1RB_Right	19.42	/	/	23.50	/	/	<=33	Pass
		Outer_Full	19.57	/	/	23.65	/	/	<=33	Pass



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CP-OFDM 16 QAM		Inner_Full	21.05	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Left	20.86	/	/	24.94	/	/	<=33	Pass
		Inner_1RB_Right	20.83	/	/	24.91	/	/	<=33	Pass
	1852.5	Edge_1RB_Left	19.36	/	/	23.44	/	/	<=33	Pass
		Edge_1RB_Right	19.31	/	/	23.39	/	/	<=33	Pass
		Outer_Full	19.45	/	/	23.53	/	/	<=33	Pass
		Inner_Full	20.30	/	/	24.38	/	/	<=33	Pass
		Inner_1RB_Left	20.42	/	/	24.50	/	/	<=33	Pass
		Inner_1RB_Right	20.32	/	/	24.40	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.65	/	/	23.73	/	/	<=33	Pass
		Edge_1RB_Right	19.46	/	/	23.54	/	/	<=33	Pass
		Outer_Full	19.42	/	/	23.50	/	/	<=33	Pass
		Inner_Full	20.28	/	/	24.36	/	/	<=33	Pass
		Inner_1RB_Left	20.44	/	/	24.52	/	/	<=33	Pass
		Inner_1RB_Right	20.26	/	/	24.34	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	19.56	/	/	23.64	/	/	<=33	Pass
		Edge_1RB_Right	19.54	/	/	23.62	/	/	<=33	Pass
		Outer_Full	19.49	/	/	23.57	/	/	<=33	Pass
		Inner_Full	20.58	/	/	24.66	/	/	<=33	Pass
		Inner_1RB_Left	20.39	/	/	24.47	/	/	<=33	Pass
		Inner_1RB_Right	20.52	/	/	24.60	/	/	<=33	Pass
CP-OFDM 64 QAM	1852.5	Edge_1RB_Left	18.76	/	/	22.84	/	/	<=33	Pass
		Edge_1RB_Right	18.80	/	/	22.88	/	/	<=33	Pass
		Outer_Full	18.90	/	/	22.98	/	/	<=33	Pass
		Inner_Full	18.85	/	/	22.93	/	/	<=33	Pass
		Inner_1RB_Left	18.83	/	/	22.91	/	/	<=33	Pass
		Inner_1RB_Right	18.89	/	/	22.97	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	18.70	/	/	22.78	/	/	<=33	Pass
		Edge_1RB_Right	18.94	/	/	23.02	/	/	<=33	Pass
		Outer_Full	18.88	/	/	22.96	/	/	<=33	Pass
		Inner_Full	18.91	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Left	19.01	/	/	23.09	/	/	<=33	Pass
		Inner_1RB_Right	18.82	/	/	22.90	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	19.08	/	/	23.16	/	/	<=33	Pass
		Edge_1RB_Right	18.89	/	/	22.97	/	/	<=33	Pass
		Outer_Full	18.90	/	/	22.98	/	/	<=33	Pass
		Inner_Full	19.08	/	/	23.16	/	/	<=33	Pass
		Inner_1RB_Left	18.84	/	/	22.92	/	/	<=33	Pass



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		Inner_1RB_Right	19.20	/	/	23.28	/	/	<=33	Pass
CP-OFDM 256 QAM	1852.5	Edge_1RB_Left	16.02	/	/	20.10	/	/	<=33	Pass
		Edge_1RB_Right	15.87	/	/	19.95	/	/	<=33	Pass
		Outer_Full	15.85	/	/	19.93	/	/	<=33	Pass
		Inner_Full	15.77	/	/	19.85	/	/	<=33	Pass
		Inner_1RB_Left	16.25	/	/	20.33	/	/	<=33	Pass
		Inner_1RB_Right	15.73	/	/	19.81	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	16.02	/	/	20.10	/	/	<=33	Pass
		Edge_1RB_Right	15.86	/	/	19.94	/	/	<=33	Pass
		Outer_Full	15.89	/	/	19.97	/	/	<=33	Pass
		Inner_Full	15.81	/	/	19.89	/	/	<=33	Pass
		Inner_1RB_Left	15.77	/	/	19.85	/	/	<=33	Pass
		Inner_1RB_Right	15.84	/	/	19.92	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	16.36	/	/	20.44	/	/	<=33	Pass
		Edge_1RB_Right	16.19	/	/	20.27	/	/	<=33	Pass
		Outer_Full	15.97	/	/	20.05	/	/	<=33	Pass
		Inner_Full	16.13	/	/	20.21	/	/	<=33	Pass
		Inner_1RB_Left	15.99	/	/	20.07	/	/	<=33	Pass
		Inner_1RB_Right	16.13	/	/	20.21	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 4.08dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

### 1.1.2 15k\_SISO\_10MHz\_NTNV\_EIRP

5G NR n25 SCS=15kHz 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	1855	Edge_1RB_Left	22.01	/	/	26.09	/	/	<=33	Pass
		Edge_1RB_Right	21.67	/	/	25.75	/	/	<=33	Pass
		Outer_Full	21.92	/	/	26.00	/	/	<=33	Pass
		Inner_Full	22.45	/	/	26.53	/	/	<=33	Pass
		Inner_1RB_Left	22.54	/	/	26.62	/	/	<=33	Pass
		Inner_1RB_Right	22.15	/	/	26.23	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.71	/	/	25.79	/	/	<=33	Pass
		Edge_1RB_Right	21.94	/	/	26.02	/	/	<=33	Pass
		Outer_Full	21.95	/	/	26.03	/	/	<=33	Pass
		Inner_Full	22.39	/	/	26.47	/	/	<=33	Pass
		Inner_1RB_Left	22.26	/	/	26.34	/	/	<=33	Pass



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	1910	Inner_1RB_Right	22.42	/	/	26.50	/	/	<=33	Pass
		Edge_1RB_Left	21.95	/	/	26.03	/	/	<=33	Pass
		Edge_1RB_Right	22.08	/	/	26.16	/	/	<=33	Pass
		Outer_Full	22.02	/	/	26.10	/	/	<=33	Pass
		Inner_Full	22.47	/	/	26.55	/	/	<=33	Pass
		Inner_1RB_Left	22.51	/	/	26.59	/	/	<=33	Pass
		Inner_1RB_Right	22.46	/	/	26.54	/	/	<=33	Pass
DFT-s-OFDM QPSK	1855	Edge_1RB_Left	21.51	/	/	25.59	/	/	<=33	Pass
		Edge_1RB_Right	21.24	/	/	25.32	/	/	<=33	Pass
		Outer_Full	21.48	/	/	25.56	/	/	<=33	Pass
		Inner_Full	22.46	/	/	26.54	/	/	<=33	Pass
		Inner_1RB_Left	22.76	/	/	26.84	/	/	<=33	Pass
		Inner_1RB_Right	22.47	/	/	26.55	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.21	/	/	25.29	/	/	<=33	Pass
		Edge_1RB_Right	21.45	/	/	25.53	/	/	<=33	Pass
		Outer_Full	21.37	/	/	25.45	/	/	<=33	Pass
		Inner_Full	22.38	/	/	26.46	/	/	<=33	Pass
		Inner_1RB_Left	22.19	/	/	26.27	/	/	<=33	Pass
		Inner_1RB_Right	22.41	/	/	26.49	/	/	<=33	Pass
	1910	Edge_1RB_Left	21.44	/	/	25.52	/	/	<=33	Pass
		Edge_1RB_Right	21.51	/	/	25.59	/	/	<=33	Pass
		Outer_Full	21.59	/	/	25.67	/	/	<=33	Pass
		Inner_Full	22.54	/	/	26.62	/	/	<=33	Pass
		Inner_1RB_Left	22.48	/	/	26.56	/	/	<=33	Pass
		Inner_1RB_Right	22.49	/	/	26.57	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1855	Edge_1RB_Left	20.38	/	/	24.46	/	/	<=33	Pass
		Edge_1RB_Right	20.20	/	/	24.28	/	/	<=33	Pass
		Outer_Full	20.44	/	/	24.52	/	/	<=33	Pass
		Inner_Full	21.48	/	/	25.56	/	/	<=33	Pass
		Inner_1RB_Left	21.64	/	/	25.72	/	/	<=33	Pass
		Inner_1RB_Right	21.22	/	/	25.30	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.13	/	/	24.21	/	/	<=33	Pass
		Edge_1RB_Right	20.30	/	/	24.38	/	/	<=33	Pass
		Outer_Full	20.42	/	/	24.50	/	/	<=33	Pass
		Inner_Full	21.51	/	/	25.59	/	/	<=33	Pass
		Inner_1RB_Left	21.39	/	/	25.47	/	/	<=33	Pass
		Inner_1RB_Right	21.32	/	/	25.40	/	/	<=33	Pass
	1910	Edge_1RB_Left	20.39	/	/	24.47	/	/	<=33	Pass



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		Edge_1RB_Right	20.48	/	/	24.56	/	/	<=33	Pass
		Outer_Full	20.55	/	/	24.63	/	/	<=33	Pass
		Inner_Full	21.55	/	/	25.63	/	/	<=33	Pass
		Inner_1RB_Left	21.43	/	/	25.51	/	/	<=33	Pass
		Inner_1RB_Right	21.73	/	/	25.81	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1855	Edge_1RB_Left	20.01	/	/	24.09	/	/	<=33	Pass
		Edge_1RB_Right	19.87	/	/	23.95	/	/	<=33	Pass
		Outer_Full	19.96	/	/	24.04	/	/	<=33	Pass
		Inner_Full	20.01	/	/	24.09	/	/	<=33	Pass
		Inner_1RB_Left	20.09	/	/	24.17	/	/	<=33	Pass
		Inner_1RB_Right	19.80	/	/	23.88	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.79	/	/	23.87	/	/	<=33	Pass
		Edge_1RB_Right	19.89	/	/	23.97	/	/	<=33	Pass
		Outer_Full	19.89	/	/	23.97	/	/	<=33	Pass
		Inner_Full	19.99	/	/	24.07	/	/	<=33	Pass
		Inner_1RB_Left	19.92	/	/	24.00	/	/	<=33	Pass
		Inner_1RB_Right	19.85	/	/	23.93	/	/	<=33	Pass
	1910	Edge_1RB_Left	20.10	/	/	24.18	/	/	<=33	Pass
		Edge_1RB_Right	20.08	/	/	24.16	/	/	<=33	Pass
		Outer_Full	20.04	/	/	24.12	/	/	<=33	Pass
		Inner_Full	20.05	/	/	24.13	/	/	<=33	Pass
		Inner_1RB_Left	19.90	/	/	23.98	/	/	<=33	Pass
		Inner_1RB_Right	19.90	/	/	23.98	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1855	Edge_1RB_Left	17.96	/	/	22.04	/	/	<=33	Pass
		Edge_1RB_Right	17.52	/	/	21.60	/	/	<=33	Pass
		Outer_Full	17.89	/	/	21.97	/	/	<=33	Pass
		Inner_Full	17.92	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Left	18.10	/	/	22.18	/	/	<=33	Pass
		Inner_1RB_Right	17.71	/	/	21.79	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	17.91	/	/	21.99	/	/	<=33	Pass
		Edge_1RB_Right	17.84	/	/	21.92	/	/	<=33	Pass
		Outer_Full	17.89	/	/	21.97	/	/	<=33	Pass
		Inner_Full	17.90	/	/	21.98	/	/	<=33	Pass
		Inner_1RB_Left	17.67	/	/	21.75	/	/	<=33	Pass
		Inner_1RB_Right	17.83	/	/	21.91	/	/	<=33	Pass
	1910	Edge_1RB_Left	17.91	/	/	21.99	/	/	<=33	Pass
		Edge_1RB_Right	18.14	/	/	22.22	/	/	<=33	Pass
		Outer_Full	18.00	/	/	22.08	/	/	<=33	Pass



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CP-OFDM QPSK		Inner_Full	18.09	/	/	22.17	/	/	<=33	Pass
		Inner_1RB_Left	18.14	/	/	22.22	/	/	<=33	Pass
		Inner_1RB_Right	18.22	/	/	22.30	/	/	<=33	Pass
	1855	Edge_1RB_Left	19.72	/	/	23.80	/	/	<=33	Pass
		Edge_1RB_Right	19.22	/	/	23.30	/	/	<=33	Pass
		Outer_Full	19.46	/	/	23.54	/	/	<=33	Pass
		Inner_Full	20.96	/	/	25.04	/	/	<=33	Pass
		Inner_1RB_Left	21.05	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Right	20.67	/	/	24.75	/	/	<=33	Pass
		Edge_1RB_Left	19.20	/	/	23.28	/	/	<=33	Pass
		Edge_1RB_Right	19.46	/	/	23.54	/	/	<=33	Pass
	1882.5	Outer_Full	19.42	/	/	23.50	/	/	<=33	Pass
		Inner_Full	20.83	/	/	24.91	/	/	<=33	Pass
		Inner_1RB_Left	20.72	/	/	24.80	/	/	<=33	Pass
		Inner_1RB_Right	20.88	/	/	24.96	/	/	<=33	Pass
	1910	Edge_1RB_Left	19.53	/	/	23.61	/	/	<=33	Pass
		Edge_1RB_Right	19.68	/	/	23.76	/	/	<=33	Pass
		Outer_Full	19.53	/	/	23.61	/	/	<=33	Pass
		Inner_Full	21.03	/	/	25.11	/	/	<=33	Pass
		Inner_1RB_Left	21.04	/	/	25.12	/	/	<=33	Pass
		Inner_1RB_Right	20.94	/	/	25.02	/	/	<=33	Pass
CP-OFDM 16 QAM	1855	Edge_1RB_Left	19.43	/	/	23.51	/	/	<=33	Pass
		Edge_1RB_Right	19.19	/	/	23.27	/	/	<=33	Pass
		Outer_Full	19.47	/	/	23.55	/	/	<=33	Pass
		Inner_Full	20.41	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Left	20.70	/	/	24.78	/	/	<=33	Pass
		Inner_1RB_Right	20.32	/	/	24.40	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.34	/	/	23.42	/	/	<=33	Pass
		Edge_1RB_Right	19.28	/	/	23.36	/	/	<=33	Pass
		Outer_Full	19.46	/	/	23.54	/	/	<=33	Pass
		Inner_Full	20.40	/	/	24.48	/	/	<=33	Pass
		Inner_1RB_Left	20.20	/	/	24.28	/	/	<=33	Pass
		Inner_1RB_Right	20.49	/	/	24.57	/	/	<=33	Pass
	1910	Edge_1RB_Left	19.58	/	/	23.66	/	/	<=33	Pass
		Edge_1RB_Right	19.32	/	/	23.40	/	/	<=33	Pass
		Outer_Full	19.54	/	/	23.62	/	/	<=33	Pass
		Inner_Full	20.54	/	/	24.62	/	/	<=33	Pass
		Inner_1RB_Left	20.56	/	/	24.64	/	/	<=33	Pass



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		Inner_1RB_Right	20.45	/	/	24.53	/	/	<=33	Pass
CP-OFDM 64 QAM	1855	Edge_1RB_Left	18.93	/	/	23.01	/	/	<=33	Pass
		Edge_1RB_Right	18.78	/	/	22.86	/	/	<=33	Pass
		Outer_Full	18.93	/	/	23.01	/	/	<=33	Pass
		Inner_Full	18.97	/	/	23.05	/	/	<=33	Pass
		Inner_1RB_Left	19.13	/	/	23.21	/	/	<=33	Pass
		Inner_1RB_Right	18.88	/	/	22.96	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	18.78	/	/	22.86	/	/	<=33	Pass
		Edge_1RB_Right	18.94	/	/	23.02	/	/	<=33	Pass
		Outer_Full	18.91	/	/	22.99	/	/	<=33	Pass
		Inner_Full	19.01	/	/	23.09	/	/	<=33	Pass
		Inner_1RB_Left	18.76	/	/	22.84	/	/	<=33	Pass
		Inner_1RB_Right	19.06	/	/	23.14	/	/	<=33	Pass
	1910	Edge_1RB_Left	19.08	/	/	23.16	/	/	<=33	Pass
		Edge_1RB_Right	18.97	/	/	23.05	/	/	<=33	Pass
		Outer_Full	19.10	/	/	23.18	/	/	<=33	Pass
		Inner_Full	19.07	/	/	23.15	/	/	<=33	Pass
		Inner_1RB_Left	19.16	/	/	23.24	/	/	<=33	Pass
		Inner_1RB_Right	19.05	/	/	23.13	/	/	<=33	Pass
CP-OFDM 256 QAM	1855	Edge_1RB_Left	16.14	/	/	20.22	/	/	<=33	Pass
		Edge_1RB_Right	15.69	/	/	19.77	/	/	<=33	Pass
		Outer_Full	15.99	/	/	20.07	/	/	<=33	Pass
		Inner_Full	15.90	/	/	19.98	/	/	<=33	Pass
		Inner_1RB_Left	16.13	/	/	20.21	/	/	<=33	Pass
		Inner_1RB_Right	15.74	/	/	19.82	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	15.69	/	/	19.77	/	/	<=33	Pass
		Edge_1RB_Right	15.92	/	/	20.00	/	/	<=33	Pass
		Outer_Full	15.92	/	/	20.00	/	/	<=33	Pass
		Inner_Full	15.95	/	/	20.03	/	/	<=33	Pass
		Inner_1RB_Left	15.69	/	/	19.77	/	/	<=33	Pass
		Inner_1RB_Right	15.91	/	/	19.99	/	/	<=33	Pass
	1910	Edge_1RB_Left	15.64	/	/	19.72	/	/	<=33	Pass
		Edge_1RB_Right	16.05	/	/	20.13	/	/	<=33	Pass
		Outer_Full	16.12	/	/	20.20	/	/	<=33	Pass
		Inner_Full	16.10	/	/	20.18	/	/	<=33	Pass
		Inner_1RB_Left	16.10	/	/	20.18	/	/	<=33	Pass
		Inner_1RB_Right	15.99	/	/	20.07	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 4.08dBi;



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Note2: EIRP=Conducted Power+Antenna Gain

### 1.1.3 15k\_SISO\_15MHz\_NTNV\_EIRP

5G NR n25 SCS=15kHz 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	1857.5	Edge_1RB_Left	22.16	/	/	26.24	/	/	<=33	Pass
		Edge_1RB_Right	21.85	/	/	25.93	/	/	<=33	Pass
		Outer_Full	22.06	/	/	26.14	/	/	<=33	Pass
		Inner_Full	22.60	/	/	26.68	/	/	<=33	Pass
		Inner_1RB_Left	22.67	/	/	26.75	/	/	<=33	Pass
		Inner_1RB_Right	22.32	/	/	26.40	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.87	/	/	25.95	/	/	<=33	Pass
		Edge_1RB_Right	22.08	/	/	26.16	/	/	<=33	Pass
		Outer_Full	21.98	/	/	26.06	/	/	<=33	Pass
		Inner_Full	22.45	/	/	26.53	/	/	<=33	Pass
		Inner_1RB_Left	22.35	/	/	26.43	/	/	<=33	Pass
		Inner_1RB_Right	22.61	/	/	26.69	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	22.17	/	/	26.25	/	/	<=33	Pass
		Edge_1RB_Right	22.10	/	/	26.18	/	/	<=33	Pass
		Outer_Full	22.17	/	/	26.25	/	/	<=33	Pass
		Inner_Full	22.64	/	/	26.72	/	/	<=33	Pass
		Inner_1RB_Left	22.58	/	/	26.66	/	/	<=33	Pass
		Inner_1RB_Right	22.61	/	/	26.69	/	/	<=33	Pass
DFT-s-OFDM QPSK	1857.5	Edge_1RB_Left	21.66	/	/	25.74	/	/	<=33	Pass
		Edge_1RB_Right	21.26	/	/	25.34	/	/	<=33	Pass
		Outer_Full	21.53	/	/	25.61	/	/	<=33	Pass
		Inner_Full	22.56	/	/	26.64	/	/	<=33	Pass
		Inner_1RB_Left	22.64	/	/	26.72	/	/	<=33	Pass
		Inner_1RB_Right	22.34	/	/	26.42	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.40	/	/	25.48	/	/	<=33	Pass
		Edge_1RB_Right	21.59	/	/	25.67	/	/	<=33	Pass
		Outer_Full	21.53	/	/	25.61	/	/	<=33	Pass
		Inner_Full	22.54	/	/	26.62	/	/	<=33	Pass
		Inner_1RB_Left	22.46	/	/	26.54	/	/	<=33	Pass
		Inner_1RB_Right	22.58	/	/	26.66	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	21.57	/	/	25.65	/	/	<=33	Pass



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		Edge_1RB_Right	21.67	/	/	25.75	/	/	<=33	Pass
		Outer_Full	21.68	/	/	25.76	/	/	<=33	Pass
		Inner_Full	22.64	/	/	26.72	/	/	<=33	Pass
		Inner_1RB_Left	22.67	/	/	26.75	/	/	<=33	Pass
		Inner_1RB_Right	22.60	/	/	26.68	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1857.5	Edge_1RB_Left	20.75	/	/	24.83	/	/	<=33	Pass
		Edge_1RB_Right	20.44	/	/	24.52	/	/	<=33	Pass
		Outer_Full	20.44	/	/	24.52	/	/	<=33	Pass
		Inner_Full	21.54	/	/	25.62	/	/	<=33	Pass
		Inner_1RB_Left	21.63	/	/	25.71	/	/	<=33	Pass
		Inner_1RB_Right	21.48	/	/	25.56	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.25	/	/	24.33	/	/	<=33	Pass
		Edge_1RB_Right	20.57	/	/	24.65	/	/	<=33	Pass
		Outer_Full	20.43	/	/	24.51	/	/	<=33	Pass
		Inner_Full	21.43	/	/	25.51	/	/	<=33	Pass
		Inner_1RB_Left	21.35	/	/	25.43	/	/	<=33	Pass
		Inner_1RB_Right	21.56	/	/	25.64	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	20.52	/	/	24.60	/	/	<=33	Pass
		Edge_1RB_Right	20.79	/	/	24.87	/	/	<=33	Pass
		Outer_Full	20.75	/	/	24.83	/	/	<=33	Pass
		Inner_Full	21.62	/	/	25.70	/	/	<=33	Pass
		Inner_1RB_Left	21.67	/	/	25.75	/	/	<=33	Pass
		Inner_1RB_Right	21.62	/	/	25.70	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1857.5	Edge_1RB_Left	20.26	/	/	24.34	/	/	<=33	Pass
		Edge_1RB_Right	20.03	/	/	24.11	/	/	<=33	Pass
		Outer_Full	20.07	/	/	24.15	/	/	<=33	Pass
		Inner_Full	20.09	/	/	24.17	/	/	<=33	Pass
		Inner_1RB_Left	20.30	/	/	24.38	/	/	<=33	Pass
		Inner_1RB_Right	19.81	/	/	23.89	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.17	/	/	24.25	/	/	<=33	Pass
		Edge_1RB_Right	20.19	/	/	24.27	/	/	<=33	Pass
		Outer_Full	20.03	/	/	24.11	/	/	<=33	Pass
		Inner_Full	19.93	/	/	24.01	/	/	<=33	Pass
		Inner_1RB_Left	19.99	/	/	24.07	/	/	<=33	Pass
		Inner_1RB_Right	20.06	/	/	24.14	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	20.39	/	/	24.47	/	/	<=33	Pass
		Edge_1RB_Right	20.22	/	/	24.30	/	/	<=33	Pass
		Outer_Full	20.16	/	/	24.24	/	/	<=33	Pass



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DFT-s-OFDM 256 QAM		Inner_Full	20.14	/	/	24.22	/	/	<=33	Pass
		Inner_1RB_Left	20.07	/	/	24.15	/	/	<=33	Pass
		Inner_1RB_Right	20.19	/	/	24.27	/	/	<=33	Pass
	1857.5	Edge_1RB_Left	18.22	/	/	22.30	/	/	<=33	Pass
		Edge_1RB_Right	17.77	/	/	21.85	/	/	<=33	Pass
		Outer_Full	18.02	/	/	22.10	/	/	<=33	Pass
		Inner_Full	18.03	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Left	18.20	/	/	22.28	/	/	<=33	Pass
		Inner_1RB_Right	17.89	/	/	21.97	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	17.84	/	/	21.92	/	/	<=33	Pass
		Edge_1RB_Right	18.04	/	/	22.12	/	/	<=33	Pass
		Outer_Full	17.96	/	/	22.04	/	/	<=33	Pass
		Inner_Full	17.99	/	/	22.07	/	/	<=33	Pass
		Inner_1RB_Left	17.78	/	/	21.86	/	/	<=33	Pass
		Inner_1RB_Right	18.43	/	/	22.51	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	18.32	/	/	22.40	/	/	<=33	Pass
		Edge_1RB_Right	18.41	/	/	22.49	/	/	<=33	Pass
		Outer_Full	18.22	/	/	22.30	/	/	<=33	Pass
		Inner_Full	18.18	/	/	22.26	/	/	<=33	Pass
		Inner_1RB_Left	18.42	/	/	22.50	/	/	<=33	Pass
		Inner_1RB_Right	18.22	/	/	22.30	/	/	<=33	Pass
CP-OFDM QPSK	1857.5	Edge_1RB_Left	19.73	/	/	23.81	/	/	<=33	Pass
		Edge_1RB_Right	19.33	/	/	23.41	/	/	<=33	Pass
		Outer_Full	19.55	/	/	23.63	/	/	<=33	Pass
		Inner_Full	21.10	/	/	25.18	/	/	<=33	Pass
		Inner_1RB_Left	21.16	/	/	25.24	/	/	<=33	Pass
		Inner_1RB_Right	20.89	/	/	24.97	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.30	/	/	23.38	/	/	<=33	Pass
		Edge_1RB_Right	19.60	/	/	23.68	/	/	<=33	Pass
		Outer_Full	19.49	/	/	23.57	/	/	<=33	Pass
		Inner_Full	21.04	/	/	25.12	/	/	<=33	Pass
		Inner_1RB_Left	20.84	/	/	24.92	/	/	<=33	Pass
		Inner_1RB_Right	21.02	/	/	25.10	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	19.66	/	/	23.74	/	/	<=33	Pass
		Edge_1RB_Right	19.56	/	/	23.64	/	/	<=33	Pass
		Outer_Full	19.65	/	/	23.73	/	/	<=33	Pass
		Inner_Full	21.15	/	/	25.23	/	/	<=33	Pass
		Inner_1RB_Left	21.09	/	/	25.17	/	/	<=33	Pass



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		Inner_1RB_Right	21.19	/	/	25.27	/	/	<=33	Pass
CP-OFDM 16 QAM	1857.5	Edge_1RB_Left	19.91	/	/	23.99	/	/	<=33	Pass
		Edge_1RB_Right	19.16	/	/	23.24	/	/	<=33	Pass
		Outer_Full	19.52	/	/	23.60	/	/	<=33	Pass
		Inner_Full	20.60	/	/	24.68	/	/	<=33	Pass
		Inner_1RB_Left	20.66	/	/	24.74	/	/	<=33	Pass
		Inner_1RB_Right	20.32	/	/	24.40	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.23	/	/	23.31	/	/	<=33	Pass
		Edge_1RB_Right	19.70	/	/	23.78	/	/	<=33	Pass
		Outer_Full	19.50	/	/	23.58	/	/	<=33	Pass
		Inner_Full	20.49	/	/	24.57	/	/	<=33	Pass
		Inner_1RB_Left	20.47	/	/	24.55	/	/	<=33	Pass
		Inner_1RB_Right	20.59	/	/	24.67	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	19.48	/	/	23.56	/	/	<=33	Pass
		Edge_1RB_Right	19.67	/	/	23.75	/	/	<=33	Pass
		Outer_Full	19.64	/	/	23.72	/	/	<=33	Pass
		Inner_Full	20.70	/	/	24.78	/	/	<=33	Pass
		Inner_1RB_Left	20.72	/	/	24.80	/	/	<=33	Pass
		Inner_1RB_Right	20.47	/	/	24.55	/	/	<=33	Pass
CP-OFDM 64 QAM	1857.5	Edge_1RB_Left	19.09	/	/	23.17	/	/	<=33	Pass
		Edge_1RB_Right	18.93	/	/	23.01	/	/	<=33	Pass
		Outer_Full	19.06	/	/	23.14	/	/	<=33	Pass
		Inner_Full	19.07	/	/	23.15	/	/	<=33	Pass
		Inner_1RB_Left	18.98	/	/	23.06	/	/	<=33	Pass
		Inner_1RB_Right	19.25	/	/	23.33	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	18.79	/	/	22.87	/	/	<=33	Pass
		Edge_1RB_Right	19.20	/	/	23.28	/	/	<=33	Pass
		Outer_Full	19.00	/	/	23.08	/	/	<=33	Pass
		Inner_Full	19.01	/	/	23.09	/	/	<=33	Pass
		Inner_1RB_Left	18.86	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Right	19.17	/	/	23.25	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	19.36	/	/	23.44	/	/	<=33	Pass
		Edge_1RB_Right	19.46	/	/	23.54	/	/	<=33	Pass
		Outer_Full	19.23	/	/	23.31	/	/	<=33	Pass
		Inner_Full	19.09	/	/	23.17	/	/	<=33	Pass
		Inner_1RB_Left	19.15	/	/	23.23	/	/	<=33	Pass
		Inner_1RB_Right	19.39	/	/	23.47	/	/	<=33	Pass
CP-OFDM 256 QAM	1857.5	Edge_1RB_Left	16.40	/	/	20.48	/	/	<=33	Pass



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		Edge_1RB_Right	15.96	/	/	20.04	/	/	<=33	Pass
		Outer_Full	16.02	/	/	20.10	/	/	<=33	Pass
		Inner_Full	16.04	/	/	20.12	/	/	<=33	Pass
		Inner_1RB_Left	16.13	/	/	20.21	/	/	<=33	Pass
		Inner_1RB_Right	15.85	/	/	19.93	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	15.87	/	/	19.95	/	/	<=33	Pass
		Edge_1RB_Right	15.98	/	/	20.06	/	/	<=33	Pass
		Outer_Full	15.96	/	/	20.04	/	/	<=33	Pass
		Inner_Full	16.01	/	/	20.09	/	/	<=33	Pass
		Inner_1RB_Left	15.83	/	/	19.91	/	/	<=33	Pass
		Inner_1RB_Right	16.33	/	/	20.41	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	16.13	/	/	20.21	/	/	<=33	Pass
		Edge_1RB_Right	16.17	/	/	20.25	/	/	<=33	Pass
		Outer_Full	16.19	/	/	20.27	/	/	<=33	Pass
		Inner_Full	16.11	/	/	20.19	/	/	<=33	Pass
		Inner_1RB_Left	16.48	/	/	20.56	/	/	<=33	Pass
		Inner_1RB_Right	16.37	/	/	20.45	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 4.08dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

### 1.1.4 15k\_SISO\_20MHz\_NTNV\_EIRP

5G NR n25 SCS=15kHz 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	1860	Edge_1RB_Left	22.02	/	/	26.10	/	/	<=33	Pass
		Edge_1RB_Right	21.71	/	/	25.79	/	/	<=33	Pass
		Outer_Full	21.91	/	/	25.99	/	/	<=33	Pass
		Inner_Full	22.46	/	/	26.54	/	/	<=33	Pass
		Inner_1RB_Left	22.53	/	/	26.61	/	/	<=33	Pass
		Inner_1RB_Right	22.24	/	/	26.32	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.74	/	/	25.82	/	/	<=33	Pass
		Edge_1RB_Right	22.08	/	/	26.16	/	/	<=33	Pass
		Outer_Full	21.97	/	/	26.05	/	/	<=33	Pass
		Inner_Full	22.54	/	/	26.62	/	/	<=33	Pass
		Inner_1RB_Left	22.27	/	/	26.35	/	/	<=33	Pass
		Inner_1RB_Right	22.59	/	/	26.67	/	/	<=33	Pass
	1905	Edge_1RB_Left	22.16	/	/	26.24	/	/	<=33	Pass



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		Edge_1RB_Right	22.10	/	/	26.18	/	/	<=33	Pass
		Outer_Full	22.21	/	/	26.29	/	/	<=33	Pass
		Inner_Full	22.68	/	/	26.76	/	/	<=33	Pass
		Inner_1RB_Left	22.67	/	/	26.75	/	/	<=33	Pass
		Inner_1RB_Right	22.66	/	/	26.74	/	/	<=33	Pass
DFT-s-OFDM QPSK	1860	Edge_1RB_Left	21.48	/	/	25.56	/	/	<=33	Pass
		Edge_1RB_Right	21.20	/	/	25.28	/	/	<=33	Pass
		Outer_Full	21.48	/	/	25.56	/	/	<=33	Pass
		Inner_Full	22.46	/	/	26.54	/	/	<=33	Pass
		Inner_1RB_Left	22.58	/	/	26.66	/	/	<=33	Pass
		Inner_1RB_Right	22.30	/	/	26.38	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.29	/	/	25.37	/	/	<=33	Pass
		Edge_1RB_Right	21.49	/	/	25.57	/	/	<=33	Pass
		Outer_Full	21.47	/	/	25.55	/	/	<=33	Pass
		Inner_Full	22.49	/	/	26.57	/	/	<=33	Pass
		Inner_1RB_Left	22.26	/	/	26.34	/	/	<=33	Pass
		Inner_1RB_Right	22.60	/	/	26.68	/	/	<=33	Pass
	1905	Edge_1RB_Left	21.62	/	/	25.70	/	/	<=33	Pass
		Edge_1RB_Right	21.59	/	/	25.67	/	/	<=33	Pass
		Outer_Full	21.69	/	/	25.77	/	/	<=33	Pass
		Inner_Full	22.72	/	/	26.80	/	/	<=33	Pass
		Inner_1RB_Left	22.66	/	/	26.74	/	/	<=33	Pass
		Inner_1RB_Right	22.65	/	/	26.73	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1860	Edge_1RB_Left	20.46	/	/	24.54	/	/	<=33	Pass
		Edge_1RB_Right	20.29	/	/	24.37	/	/	<=33	Pass
		Outer_Full	20.47	/	/	24.55	/	/	<=33	Pass
		Inner_Full	21.36	/	/	25.44	/	/	<=33	Pass
		Inner_1RB_Left	21.51	/	/	25.59	/	/	<=33	Pass
		Inner_1RB_Right	21.35	/	/	25.43	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.22	/	/	24.30	/	/	<=33	Pass
		Edge_1RB_Right	20.53	/	/	24.61	/	/	<=33	Pass
		Outer_Full	20.49	/	/	24.57	/	/	<=33	Pass
		Inner_Full	21.52	/	/	25.60	/	/	<=33	Pass
		Inner_1RB_Left	21.20	/	/	25.28	/	/	<=33	Pass
		Inner_1RB_Right	21.68	/	/	25.76	/	/	<=33	Pass
	1905	Edge_1RB_Left	20.68	/	/	24.76	/	/	<=33	Pass
		Edge_1RB_Right	20.66	/	/	24.74	/	/	<=33	Pass
		Outer_Full	20.75	/	/	24.83	/	/	<=33	Pass



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DFT-s-OFDM 64 QAM		Inner_Full	21.70	/	/	25.78	/	/	<=33	Pass
		Inner_1RB_Left	21.72	/	/	25.80	/	/	<=33	Pass
		Inner_1RB_Right	21.75	/	/	25.83	/	/	<=33	Pass
	1860	Edge_1RB_Left	20.03	/	/	24.11	/	/	<=33	Pass
		Edge_1RB_Right	19.89	/	/	23.97	/	/	<=33	Pass
		Outer_Full	20.00	/	/	24.08	/	/	<=33	Pass
		Inner_Full	19.94	/	/	24.02	/	/	<=33	Pass
		Inner_1RB_Left	20.35	/	/	24.43	/	/	<=33	Pass
		Inner_1RB_Right	19.88	/	/	23.96	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.91	/	/	23.99	/	/	<=33	Pass
		Edge_1RB_Right	19.95	/	/	24.03	/	/	<=33	Pass
		Outer_Full	20.03	/	/	24.11	/	/	<=33	Pass
		Inner_Full	20.01	/	/	24.09	/	/	<=33	Pass
		Inner_1RB_Left	19.84	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Right	20.24	/	/	24.32	/	/	<=33	Pass
	1905	Edge_1RB_Left	20.29	/	/	24.37	/	/	<=33	Pass
		Edge_1RB_Right	20.37	/	/	24.45	/	/	<=33	Pass
		Outer_Full	20.23	/	/	24.31	/	/	<=33	Pass
		Inner_Full	20.20	/	/	24.28	/	/	<=33	Pass
		Inner_1RB_Left	20.16	/	/	24.24	/	/	<=33	Pass
		Inner_1RB_Right	20.13	/	/	24.21	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1860	Edge_1RB_Left	18.09	/	/	22.17	/	/	<=33	Pass
		Edge_1RB_Right	17.94	/	/	22.02	/	/	<=33	Pass
		Outer_Full	17.96	/	/	22.04	/	/	<=33	Pass
		Inner_Full	17.92	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Left	18.21	/	/	22.29	/	/	<=33	Pass
		Inner_1RB_Right	17.85	/	/	21.93	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	17.60	/	/	21.68	/	/	<=33	Pass
		Edge_1RB_Right	18.04	/	/	22.12	/	/	<=33	Pass
		Outer_Full	17.96	/	/	22.04	/	/	<=33	Pass
		Inner_Full	18.03	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Left	17.92	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	18.17	/	/	22.25	/	/	<=33	Pass
	1905	Edge_1RB_Left	18.31	/	/	22.39	/	/	<=33	Pass
		Edge_1RB_Right	18.19	/	/	22.27	/	/	<=33	Pass
		Outer_Full	18.20	/	/	22.28	/	/	<=33	Pass
		Inner_Full	18.13	/	/	22.21	/	/	<=33	Pass
		Inner_1RB_Left	18.17	/	/	22.25	/	/	<=33	Pass



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		Inner_1RB_Right	18.35	/	/	22.43	/	/	<=33	Pass
CP-OFDM QPSK	1860	Edge_1RB_Left	19.63	/	/	23.71	/	/	<=33	Pass
		Edge_1RB_Right	19.33	/	/	23.41	/	/	<=33	Pass
		Outer_Full	19.49	/	/	23.57	/	/	<=33	Pass
		Inner_Full	20.93	/	/	25.01	/	/	<=33	Pass
		Inner_1RB_Left	21.02	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Right	20.70	/	/	24.78	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.47	/	/	23.55	/	/	<=33	Pass
		Edge_1RB_Right	19.53	/	/	23.61	/	/	<=33	Pass
		Outer_Full	19.51	/	/	23.59	/	/	<=33	Pass
		Inner_Full	20.95	/	/	25.03	/	/	<=33	Pass
		Inner_1RB_Left	20.76	/	/	24.84	/	/	<=33	Pass
		Inner_1RB_Right	21.02	/	/	25.10	/	/	<=33	Pass
	1905	Edge_1RB_Left	19.68	/	/	23.76	/	/	<=33	Pass
		Edge_1RB_Right	19.60	/	/	23.68	/	/	<=33	Pass
		Outer_Full	19.77	/	/	23.85	/	/	<=33	Pass
		Inner_Full	21.25	/	/	25.33	/	/	<=33	Pass
		Inner_1RB_Left	21.14	/	/	25.22	/	/	<=33	Pass
		Inner_1RB_Right	21.05	/	/	25.13	/	/	<=33	Pass
CP-OFDM 16 QAM	1860	Edge_1RB_Left	19.83	/	/	23.91	/	/	<=33	Pass
		Edge_1RB_Right	19.52	/	/	23.60	/	/	<=33	Pass
		Outer_Full	19.48	/	/	23.56	/	/	<=33	Pass
		Inner_Full	20.46	/	/	24.54	/	/	<=33	Pass
		Inner_1RB_Left	20.82	/	/	24.90	/	/	<=33	Pass
		Inner_1RB_Right	19.96	/	/	24.04	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.53	/	/	23.61	/	/	<=33	Pass
		Edge_1RB_Right	19.57	/	/	23.65	/	/	<=33	Pass
		Outer_Full	19.51	/	/	23.59	/	/	<=33	Pass
		Inner_Full	20.50	/	/	24.58	/	/	<=33	Pass
		Inner_1RB_Left	20.43	/	/	24.51	/	/	<=33	Pass
		Inner_1RB_Right	20.85	/	/	24.93	/	/	<=33	Pass
	1905	Edge_1RB_Left	19.65	/	/	23.73	/	/	<=33	Pass
		Edge_1RB_Right	19.73	/	/	23.81	/	/	<=33	Pass
		Outer_Full	19.71	/	/	23.79	/	/	<=33	Pass
		Inner_Full	20.71	/	/	24.79	/	/	<=33	Pass
		Inner_1RB_Left	20.35	/	/	24.43	/	/	<=33	Pass
		Inner_1RB_Right	20.73	/	/	24.81	/	/	<=33	Pass
CP-OFDM 64 QAM	1860	Edge_1RB_Left	19.08	/	/	23.16	/	/	<=33	Pass



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		Edge_1RB_Right	18.77	/	/	22.85	/	/	<=33	Pass
		Outer_Full	18.92	/	/	23.00	/	/	<=33	Pass
		Inner_Full	18.94	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Left	19.25	/	/	23.33	/	/	<=33	Pass
		Inner_1RB_Right	18.89	/	/	22.97	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	18.74	/	/	22.82	/	/	<=33	Pass
		Edge_1RB_Right	19.14	/	/	23.22	/	/	<=33	Pass
		Outer_Full	18.95	/	/	23.03	/	/	<=33	Pass
		Inner_Full	18.97	/	/	23.05	/	/	<=33	Pass
		Inner_1RB_Left	18.83	/	/	22.91	/	/	<=33	Pass
		Inner_1RB_Right	19.08	/	/	23.16	/	/	<=33	Pass
	1905	Edge_1RB_Left	19.73	/	/	23.81	/	/	<=33	Pass
		Edge_1RB_Right	19.34	/	/	23.42	/	/	<=33	Pass
		Outer_Full	19.21	/	/	23.29	/	/	<=33	Pass
		Inner_Full	19.25	/	/	23.33	/	/	<=33	Pass
		Inner_1RB_Left	19.29	/	/	23.37	/	/	<=33	Pass
		Inner_1RB_Right	19.12	/	/	23.20	/	/	<=33	Pass
	CP-OFDM 256 QAM	1860	Edge_1RB_Left	16.07	/	/	20.15	/	/	<=33
Edge_1RB_Right			15.88	/	/	19.96	/	/	<=33	Pass
Outer_Full			15.94	/	/	20.02	/	/	<=33	Pass
Inner_Full			15.89	/	/	19.97	/	/	<=33	Pass
Inner_1RB_Left			16.06	/	/	20.14	/	/	<=33	Pass
Inner_1RB_Right			16.05	/	/	20.13	/	/	<=33	Pass
1882.5		Edge_1RB_Left	15.50	/	/	19.58	/	/	<=33	Pass
		Edge_1RB_Right	16.33	/	/	20.41	/	/	<=33	Pass
		Outer_Full	16.01	/	/	20.09	/	/	<=33	Pass
		Inner_Full	15.96	/	/	20.04	/	/	<=33	Pass
		Inner_1RB_Left	15.68	/	/	19.76	/	/	<=33	Pass
		Inner_1RB_Right	16.10	/	/	20.18	/	/	<=33	Pass
1905		Edge_1RB_Left	16.04	/	/	20.12	/	/	<=33	Pass
		Edge_1RB_Right	16.21	/	/	20.29	/	/	<=33	Pass
		Outer_Full	16.22	/	/	20.30	/	/	<=33	Pass
		Inner_Full	16.26	/	/	20.34	/	/	<=33	Pass
		Inner_1RB_Left	16.26	/	/	20.34	/	/	<=33	Pass
		Inner_1RB_Right	16.09	/	/	20.17	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 4.08dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										



### 1.1.5 15k\_SISO\_25MHz\_NTNV\_EIRP

5G NR n25 SCS=15kHz SISO 25MHz 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	1862.5	Edge_1RB_Left	22.29	/	/	26.37	/	/	<=33	Pass
		Edge_1RB_Right	22.05	/	/	26.13	/	/	<=33	Pass
		Outer_Full	22.07	/	/	26.15	/	/	<=33	Pass
		Inner_Full	22.57	/	/	26.65	/	/	<=33	Pass
		Inner_1RB_Left	22.71	/	/	26.79	/	/	<=33	Pass
		Inner_1RB_Right	22.50	/	/	26.58	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.94	/	/	26.02	/	/	<=33	Pass
		Edge_1RB_Right	22.28	/	/	26.36	/	/	<=33	Pass
		Outer_Full	22.14	/	/	26.22	/	/	<=33	Pass
		Inner_Full	22.70	/	/	26.78	/	/	<=33	Pass
		Inner_1RB_Left	22.38	/	/	26.46	/	/	<=33	Pass
		Inner_1RB_Right	22.80	/	/	26.88	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	22.30	/	/	26.38	/	/	<=33	Pass
		Edge_1RB_Right	22.23	/	/	26.31	/	/	<=33	Pass
		Outer_Full	22.37	/	/	26.45	/	/	<=33	Pass
		Inner_Full	22.85	/	/	26.93	/	/	<=33	Pass
		Inner_1RB_Left	22.76	/	/	26.84	/	/	<=33	Pass
		Inner_1RB_Right	22.73	/	/	26.81	/	/	<=33	Pass
DFT-s-OFDM QPSK	1862.5	Edge_1RB_Left	21.70	/	/	25.78	/	/	<=33	Pass
		Edge_1RB_Right	21.47	/	/	25.55	/	/	<=33	Pass
		Outer_Full	21.53	/	/	25.61	/	/	<=33	Pass
		Inner_Full	22.58	/	/	26.66	/	/	<=33	Pass
		Inner_1RB_Left	22.83	/	/	26.91	/	/	<=33	Pass
		Inner_1RB_Right	22.54	/	/	26.62	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.41	/	/	25.49	/	/	<=33	Pass
		Edge_1RB_Right	21.78	/	/	25.86	/	/	<=33	Pass
		Outer_Full	21.67	/	/	25.75	/	/	<=33	Pass
		Inner_Full	22.73	/	/	26.81	/	/	<=33	Pass
		Inner_1RB_Left	22.43	/	/	26.51	/	/	<=33	Pass
		Inner_1RB_Right	22.81	/	/	26.89	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	21.71	/	/	25.79	/	/	<=33	Pass
		Edge_1RB_Right	21.73	/	/	25.81	/	/	<=33	Pass
		Outer_Full	21.80	/	/	25.88	/	/	<=33	Pass



DFT-s-OFDM 16 QAM		Inner_Full	22.82	/	/	26.90	/	/	<=33	Pass
		Inner_1RB_Left	22.76	/	/	26.84	/	/	<=33	Pass
		Inner_1RB_Right	22.77	/	/	26.85	/	/	<=33	Pass
	1862.5	Edge_1RB_Left	20.55	/	/	24.63	/	/	<=33	Pass
		Edge_1RB_Right	20.73	/	/	24.81	/	/	<=33	Pass
		Outer_Full	20.67	/	/	24.75	/	/	<=33	Pass
		Inner_Full	21.56	/	/	25.64	/	/	<=33	Pass
		Inner_1RB_Left	21.70	/	/	25.78	/	/	<=33	Pass
		Inner_1RB_Right	21.32	/	/	25.40	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.34	/	/	24.42	/	/	<=33	Pass
		Edge_1RB_Right	20.56	/	/	24.64	/	/	<=33	Pass
		Outer_Full	20.66	/	/	24.74	/	/	<=33	Pass
		Inner_Full	21.73	/	/	25.81	/	/	<=33	Pass
		Inner_1RB_Left	21.36	/	/	25.44	/	/	<=33	Pass
		Inner_1RB_Right	21.53	/	/	25.61	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	20.68	/	/	24.76	/	/	<=33	Pass
		Edge_1RB_Right	20.79	/	/	24.87	/	/	<=33	Pass
		Outer_Full	20.86	/	/	24.94	/	/	<=33	Pass
		Inner_Full	21.86	/	/	25.94	/	/	<=33	Pass
		Inner_1RB_Left	21.97	/	/	26.05	/	/	<=33	Pass
		Inner_1RB_Right	21.85	/	/	25.93	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1862.5	Edge_1RB_Left	20.39	/	/	24.47	/	/	<=33	Pass
		Edge_1RB_Right	20.03	/	/	24.11	/	/	<=33	Pass
		Outer_Full	20.12	/	/	24.20	/	/	<=33	Pass
		Inner_Full	20.06	/	/	24.14	/	/	<=33	Pass
		Inner_1RB_Left	20.24	/	/	24.32	/	/	<=33	Pass
		Inner_1RB_Right	20.19	/	/	24.27	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.99	/	/	24.07	/	/	<=33	Pass
		Edge_1RB_Right	20.46	/	/	24.54	/	/	<=33	Pass
		Outer_Full	20.22	/	/	24.30	/	/	<=33	Pass
		Inner_Full	20.19	/	/	24.27	/	/	<=33	Pass
		Inner_1RB_Left	19.99	/	/	24.07	/	/	<=33	Pass
		Inner_1RB_Right	20.39	/	/	24.47	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	20.29	/	/	24.37	/	/	<=33	Pass
		Edge_1RB_Right	20.40	/	/	24.48	/	/	<=33	Pass
		Outer_Full	20.34	/	/	24.42	/	/	<=33	Pass
		Inner_Full	20.32	/	/	24.40	/	/	<=33	Pass
		Inner_1RB_Left	20.05	/	/	24.13	/	/	<=33	Pass



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		Inner_1RB_Right	20.21	/	/	24.29	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1862.5	Edge_1RB_Left	18.38	/	/	22.46	/	/	<=33	Pass
		Edge_1RB_Right	18.01	/	/	22.09	/	/	<=33	Pass
		Outer_Full	18.10	/	/	22.18	/	/	<=33	Pass
		Inner_Full	18.02	/	/	22.10	/	/	<=33	Pass
		Inner_1RB_Left	18.35	/	/	22.43	/	/	<=33	Pass
		Inner_1RB_Right	18.16	/	/	22.24	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	18.02	/	/	22.10	/	/	<=33	Pass
		Edge_1RB_Right	18.21	/	/	22.29	/	/	<=33	Pass
		Outer_Full	18.22	/	/	22.30	/	/	<=33	Pass
		Inner_Full	18.17	/	/	22.25	/	/	<=33	Pass
		Inner_1RB_Left	18.23	/	/	22.31	/	/	<=33	Pass
		Inner_1RB_Right	18.38	/	/	22.46	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	18.46	/	/	22.54	/	/	<=33	Pass
		Edge_1RB_Right	18.44	/	/	22.52	/	/	<=33	Pass
		Outer_Full	18.29	/	/	22.37	/	/	<=33	Pass
		Inner_Full	18.28	/	/	22.36	/	/	<=33	Pass
		Inner_1RB_Left	18.30	/	/	22.38	/	/	<=33	Pass
		Inner_1RB_Right	18.37	/	/	22.45	/	/	<=33	Pass
CP-OFDM QPSK	1862.5	Edge_1RB_Left	19.69	/	/	23.77	/	/	<=33	Pass
		Edge_1RB_Right	19.56	/	/	23.64	/	/	<=33	Pass
		Outer_Full	19.59	/	/	23.67	/	/	<=33	Pass
		Inner_Full	21.10	/	/	25.18	/	/	<=33	Pass
		Inner_1RB_Left	21.31	/	/	25.39	/	/	<=33	Pass
		Inner_1RB_Right	20.93	/	/	25.01	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.49	/	/	23.57	/	/	<=33	Pass
		Edge_1RB_Right	19.76	/	/	23.84	/	/	<=33	Pass
		Outer_Full	19.76	/	/	23.84	/	/	<=33	Pass
		Inner_Full	21.28	/	/	25.36	/	/	<=33	Pass
		Inner_1RB_Left	20.98	/	/	25.06	/	/	<=33	Pass
		Inner_1RB_Right	21.26	/	/	25.34	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	19.84	/	/	23.92	/	/	<=33	Pass
		Edge_1RB_Right	19.72	/	/	23.80	/	/	<=33	Pass
		Outer_Full	19.87	/	/	23.95	/	/	<=33	Pass
		Inner_Full	21.33	/	/	25.41	/	/	<=33	Pass
		Inner_1RB_Left	21.28	/	/	25.36	/	/	<=33	Pass
		Inner_1RB_Right	21.54	/	/	25.62	/	/	<=33	Pass
CP-OFDM 16 QAM	1862.5	Edge_1RB_Left	19.95	/	/	24.03	/	/	<=33	Pass



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		Edge_1RB_Right	19.67	/	/	23.75	/	/	<=33	Pass
		Outer_Full	19.63	/	/	23.71	/	/	<=33	Pass
		Inner_Full	20.51	/	/	24.59	/	/	<=33	Pass
		Inner_1RB_Left	20.80	/	/	24.88	/	/	<=33	Pass
		Inner_1RB_Right	20.49	/	/	24.57	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.32	/	/	23.40	/	/	<=33	Pass
		Edge_1RB_Right	19.52	/	/	23.60	/	/	<=33	Pass
		Outer_Full	19.68	/	/	23.76	/	/	<=33	Pass
		Inner_Full	20.65	/	/	24.73	/	/	<=33	Pass
		Inner_1RB_Left	20.41	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Right	20.85	/	/	24.93	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	19.71	/	/	23.79	/	/	<=33	Pass
		Edge_1RB_Right	19.74	/	/	23.82	/	/	<=33	Pass
		Outer_Full	19.78	/	/	23.86	/	/	<=33	Pass
		Inner_Full	20.78	/	/	24.86	/	/	<=33	Pass
		Inner_1RB_Left	21.11	/	/	25.19	/	/	<=33	Pass
		Inner_1RB_Right	21.10	/	/	25.18	/	/	<=33	Pass
CP-OFDM 64 QAM	1862.5	Edge_1RB_Left	19.25	/	/	23.33	/	/	<=33	Pass
		Edge_1RB_Right	19.19	/	/	23.27	/	/	<=33	Pass
		Outer_Full	19.14	/	/	23.22	/	/	<=33	Pass
		Inner_Full	19.08	/	/	23.16	/	/	<=33	Pass
		Inner_1RB_Left	19.30	/	/	23.38	/	/	<=33	Pass
		Inner_1RB_Right	18.92	/	/	23.00	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	18.97	/	/	23.05	/	/	<=33	Pass
		Edge_1RB_Right	19.49	/	/	23.57	/	/	<=33	Pass
		Outer_Full	19.19	/	/	23.27	/	/	<=33	Pass
		Inner_Full	19.24	/	/	23.32	/	/	<=33	Pass
		Inner_1RB_Left	19.04	/	/	23.12	/	/	<=33	Pass
		Inner_1RB_Right	19.43	/	/	23.51	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	19.31	/	/	23.39	/	/	<=33	Pass
		Edge_1RB_Right	19.44	/	/	23.52	/	/	<=33	Pass
		Outer_Full	19.31	/	/	23.39	/	/	<=33	Pass
		Inner_Full	19.34	/	/	23.42	/	/	<=33	Pass
		Inner_1RB_Left	19.32	/	/	23.40	/	/	<=33	Pass
		Inner_1RB_Right	19.54	/	/	23.62	/	/	<=33	Pass
CP-OFDM 256 QAM	1862.5	Edge_1RB_Left	16.39	/	/	20.47	/	/	<=33	Pass
		Edge_1RB_Right	15.91	/	/	19.99	/	/	<=33	Pass
		Outer_Full	16.08	/	/	20.16	/	/	<=33	Pass



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		Inner_Full	16.11	/	/	20.19	/	/	<=33	Pass
		Inner_1RB_Left	16.51	/	/	20.59	/	/	<=33	Pass
		Inner_1RB_Right	16.05	/	/	20.13	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	16.31	/	/	20.39	/	/	<=33	Pass
		Edge_1RB_Right	16.67	/	/	20.75	/	/	<=33	Pass
		Outer_Full	16.22	/	/	20.30	/	/	<=33	Pass
		Inner_Full	16.17	/	/	20.25	/	/	<=33	Pass
		Inner_1RB_Left	15.79	/	/	19.87	/	/	<=33	Pass
		Inner_1RB_Right	16.15	/	/	20.23	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	16.72	/	/	20.80	/	/	<=33	Pass
		Edge_1RB_Right	16.39	/	/	20.47	/	/	<=33	Pass
		Outer_Full	16.30	/	/	20.38	/	/	<=33	Pass
		Inner_Full	16.29	/	/	20.37	/	/	<=33	Pass
		Inner_1RB_Left	16.40	/	/	20.48	/	/	<=33	Pass
		Inner_1RB_Right	16.59	/	/	20.67	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 4.08dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

### 1.1.6 15k\_SISO\_30MHz\_NTNV\_EIRP

5G NR n25 SCS=15kHz 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	1865	Edge_1RB_Left	22.02	/	/	26.10	/	/	<=33	Pass
		Edge_1RB_Right	21.91	/	/	25.99	/	/	<=33	Pass
		Outer_Full	22.00	/	/	26.08	/	/	<=33	Pass
		Inner_Full	22.37	/	/	26.45	/	/	<=33	Pass
		Inner_1RB_Left	22.53	/	/	26.61	/	/	<=33	Pass
		Inner_1RB_Right	22.49	/	/	26.57	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.71	/	/	25.79	/	/	<=33	Pass
		Edge_1RB_Right	22.14	/	/	26.22	/	/	<=33	Pass
		Outer_Full	22.01	/	/	26.09	/	/	<=33	Pass
		Inner_Full	22.45	/	/	26.53	/	/	<=33	Pass
		Inner_1RB_Left	22.22	/	/	26.30	/	/	<=33	Pass
		Inner_1RB_Right	22.70	/	/	26.78	/	/	<=33	Pass
	1900	Edge_1RB_Left	22.18	/	/	26.26	/	/	<=33	Pass
		Edge_1RB_Right	22.23	/	/	26.31	/	/	<=33	Pass
		Outer_Full	22.30	/	/	26.38	/	/	<=33	Pass



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DFT-s-OFDM QPSK		Inner_Full	22.74	/	/	26.82	/	/	<=33	Pass
		Inner_1RB_Left	22.65	/	/	26.73	/	/	<=33	Pass
		Inner_1RB_Right	22.70	/	/	26.78	/	/	<=33	Pass
	1865	Edge_1RB_Left	21.63	/	/	25.71	/	/	<=33	Pass
		Edge_1RB_Right	21.44	/	/	25.52	/	/	<=33	Pass
		Outer_Full	21.52	/	/	25.60	/	/	<=33	Pass
		Inner_Full	22.46	/	/	26.54	/	/	<=33	Pass
		Inner_1RB_Left	22.58	/	/	26.66	/	/	<=33	Pass
		Inner_1RB_Right	22.52	/	/	26.60	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.19	/	/	25.27	/	/	<=33	Pass
		Edge_1RB_Right	21.69	/	/	25.77	/	/	<=33	Pass
		Outer_Full	21.56	/	/	25.64	/	/	<=33	Pass
		Inner_Full	22.52	/	/	26.60	/	/	<=33	Pass
		Inner_1RB_Left	22.18	/	/	26.26	/	/	<=33	Pass
		Inner_1RB_Right	22.65	/	/	26.73	/	/	<=33	Pass
	1900	Edge_1RB_Left	21.59	/	/	25.67	/	/	<=33	Pass
		Edge_1RB_Right	21.76	/	/	25.84	/	/	<=33	Pass
		Outer_Full	21.80	/	/	25.88	/	/	<=33	Pass
		Inner_Full	22.79	/	/	26.87	/	/	<=33	Pass
		Inner_1RB_Left	22.53	/	/	26.61	/	/	<=33	Pass
		Inner_1RB_Right	22.69	/	/	26.77	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1865	Edge_1RB_Left	20.52	/	/	24.60	/	/	<=33	Pass
		Edge_1RB_Right	20.39	/	/	24.47	/	/	<=33	Pass
		Outer_Full	20.53	/	/	24.61	/	/	<=33	Pass
		Inner_Full	21.43	/	/	25.51	/	/	<=33	Pass
		Inner_1RB_Left	21.69	/	/	25.77	/	/	<=33	Pass
		Inner_1RB_Right	21.66	/	/	25.74	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.01	/	/	24.09	/	/	<=33	Pass
		Edge_1RB_Right	20.73	/	/	24.81	/	/	<=33	Pass
		Outer_Full	20.48	/	/	24.56	/	/	<=33	Pass
		Inner_Full	21.50	/	/	25.58	/	/	<=33	Pass
		Inner_1RB_Left	21.13	/	/	25.21	/	/	<=33	Pass
		Inner_1RB_Right	21.60	/	/	25.68	/	/	<=33	Pass
	1900	Edge_1RB_Left	20.67	/	/	24.75	/	/	<=33	Pass
		Edge_1RB_Right	20.72	/	/	24.80	/	/	<=33	Pass
		Outer_Full	20.75	/	/	24.83	/	/	<=33	Pass
		Inner_Full	21.80	/	/	25.88	/	/	<=33	Pass
		Inner_1RB_Left	21.60	/	/	25.68	/	/	<=33	Pass



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		Inner_1RB_Right	21.52	/	/	25.60	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1865	Edge_1RB_Left	20.04	/	/	24.12	/	/	<=33	Pass
		Edge_1RB_Right	19.93	/	/	24.01	/	/	<=33	Pass
		Outer_Full	20.04	/	/	24.12	/	/	<=33	Pass
		Inner_Full	19.95	/	/	24.03	/	/	<=33	Pass
		Inner_1RB_Left	20.21	/	/	24.29	/	/	<=33	Pass
		Inner_1RB_Right	20.03	/	/	24.11	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.69	/	/	23.77	/	/	<=33	Pass
		Edge_1RB_Right	20.34	/	/	24.42	/	/	<=33	Pass
		Outer_Full	20.01	/	/	24.09	/	/	<=33	Pass
		Inner_Full	20.03	/	/	24.11	/	/	<=33	Pass
		Inner_1RB_Left	19.65	/	/	23.73	/	/	<=33	Pass
		Inner_1RB_Right	20.24	/	/	24.32	/	/	<=33	Pass
	1900	Edge_1RB_Left	19.82	/	/	23.90	/	/	<=33	Pass
		Edge_1RB_Right	20.17	/	/	24.25	/	/	<=33	Pass
		Outer_Full	20.26	/	/	24.34	/	/	<=33	Pass
		Inner_Full	20.22	/	/	24.30	/	/	<=33	Pass
		Inner_1RB_Left	20.05	/	/	24.13	/	/	<=33	Pass
		Inner_1RB_Right	20.25	/	/	24.33	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1865	Edge_1RB_Left	18.29	/	/	22.37	/	/	<=33	Pass
		Edge_1RB_Right	17.83	/	/	21.91	/	/	<=33	Pass
		Outer_Full	17.94	/	/	22.02	/	/	<=33	Pass
		Inner_Full	17.89	/	/	21.97	/	/	<=33	Pass
		Inner_1RB_Left	18.32	/	/	22.40	/	/	<=33	Pass
		Inner_1RB_Right	18.18	/	/	22.26	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	17.71	/	/	21.79	/	/	<=33	Pass
		Edge_1RB_Right	18.24	/	/	22.32	/	/	<=33	Pass
		Outer_Full	17.96	/	/	22.04	/	/	<=33	Pass
		Inner_Full	18.08	/	/	22.16	/	/	<=33	Pass
		Inner_1RB_Left	17.92	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	18.28	/	/	22.36	/	/	<=33	Pass
	1900	Edge_1RB_Left	18.42	/	/	22.50	/	/	<=33	Pass
		Edge_1RB_Right	18.35	/	/	22.43	/	/	<=33	Pass
		Outer_Full	18.29	/	/	22.37	/	/	<=33	Pass
		Inner_Full	18.28	/	/	22.36	/	/	<=33	Pass
		Inner_1RB_Left	18.07	/	/	22.15	/	/	<=33	Pass
		Inner_1RB_Right	18.31	/	/	22.39	/	/	<=33	Pass
CP-OFDM QPSK	1865	Edge_1RB_Left	19.89	/	/	23.97	/	/	<=33	Pass



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		Edge_1RB_Right	19.54	/	/	23.62	/	/	<=33	Pass
		Outer_Full	19.48	/	/	23.56	/	/	<=33	Pass
		Inner_Full	20.89	/	/	24.97	/	/	<=33	Pass
		Inner_1RB_Left	20.97	/	/	25.05	/	/	<=33	Pass
		Inner_1RB_Right	20.91	/	/	24.99	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	18.97	/	/	23.05	/	/	<=33	Pass
		Edge_1RB_Right	19.75	/	/	23.83	/	/	<=33	Pass
		Outer_Full	19.49	/	/	23.57	/	/	<=33	Pass
		Inner_Full	21.04	/	/	25.12	/	/	<=33	Pass
		Inner_1RB_Left	20.64	/	/	24.72	/	/	<=33	Pass
		Inner_1RB_Right	21.16	/	/	25.24	/	/	<=33	Pass
	1900	Edge_1RB_Left	19.76	/	/	23.84	/	/	<=33	Pass
		Edge_1RB_Right	19.65	/	/	23.73	/	/	<=33	Pass
		Outer_Full	19.74	/	/	23.82	/	/	<=33	Pass
		Inner_Full	21.29	/	/	25.37	/	/	<=33	Pass
		Inner_1RB_Left	21.09	/	/	25.17	/	/	<=33	Pass
		Inner_1RB_Right	21.16	/	/	25.24	/	/	<=33	Pass
CP-OFDM 16 QAM	1865	Edge_1RB_Left	19.50	/	/	23.58	/	/	<=33	Pass
		Edge_1RB_Right	19.32	/	/	23.40	/	/	<=33	Pass
		Outer_Full	19.56	/	/	23.64	/	/	<=33	Pass
		Inner_Full	20.40	/	/	24.48	/	/	<=33	Pass
		Inner_1RB_Left	20.54	/	/	24.62	/	/	<=33	Pass
		Inner_1RB_Right	20.96	/	/	25.04	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.21	/	/	23.29	/	/	<=33	Pass
		Edge_1RB_Right	19.84	/	/	23.92	/	/	<=33	Pass
		Outer_Full	19.52	/	/	23.60	/	/	<=33	Pass
		Inner_Full	20.45	/	/	24.53	/	/	<=33	Pass
		Inner_1RB_Left	20.41	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Right	20.98	/	/	25.06	/	/	<=33	Pass
	1900	Edge_1RB_Left	19.76	/	/	23.84	/	/	<=33	Pass
		Edge_1RB_Right	19.70	/	/	23.78	/	/	<=33	Pass
		Outer_Full	19.82	/	/	23.90	/	/	<=33	Pass
		Inner_Full	20.78	/	/	24.86	/	/	<=33	Pass
		Inner_1RB_Left	20.56	/	/	24.64	/	/	<=33	Pass
		Inner_1RB_Right	20.76	/	/	24.84	/	/	<=33	Pass
CP-OFDM 64 QAM	1865	Edge_1RB_Left	19.01	/	/	23.09	/	/	<=33	Pass
		Edge_1RB_Right	18.76	/	/	22.84	/	/	<=33	Pass
		Outer_Full	19.01	/	/	23.09	/	/	<=33	Pass



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		Inner_Full	18.96	/	/	23.04	/	/	<=33	Pass	
		Inner_1RB_Left	18.99	/	/	23.07	/	/	<=33	Pass	
		Inner_1RB_Right	18.92	/	/	23.00	/	/	<=33	Pass	
	1882.5	Edge_1RB_Left	18.78	/	/	22.86	/	/	<=33	Pass	
		Edge_1RB_Right	19.24	/	/	23.32	/	/	<=33	Pass	
		Outer_Full	18.98	/	/	23.06	/	/	<=33	Pass	
		Inner_Full	19.01	/	/	23.09	/	/	<=33	Pass	
		Inner_1RB_Left	18.81	/	/	22.89	/	/	<=33	Pass	
		Inner_1RB_Right	19.06	/	/	23.14	/	/	<=33	Pass	
	1900	Edge_1RB_Left	19.37	/	/	23.45	/	/	<=33	Pass	
		Edge_1RB_Right	19.30	/	/	23.38	/	/	<=33	Pass	
		Outer_Full	19.28	/	/	23.36	/	/	<=33	Pass	
		Inner_Full	19.37	/	/	23.45	/	/	<=33	Pass	
		Inner_1RB_Left	19.23	/	/	23.31	/	/	<=33	Pass	
		Inner_1RB_Right	19.26	/	/	23.34	/	/	<=33	Pass	
	CP-OFDM 256 QAM	1865	Edge_1RB_Left	16.30	/	/	20.38	/	/	<=33	Pass
			Edge_1RB_Right	15.92	/	/	20.00	/	/	<=33	Pass
			Outer_Full	15.95	/	/	20.03	/	/	<=33	Pass
Inner_Full			15.94	/	/	20.02	/	/	<=33	Pass	
Inner_1RB_Left			16.19	/	/	20.27	/	/	<=33	Pass	
Inner_1RB_Right			16.22	/	/	20.30	/	/	<=33	Pass	
1882.5		Edge_1RB_Left	15.96	/	/	20.04	/	/	<=33	Pass	
		Edge_1RB_Right	16.33	/	/	20.41	/	/	<=33	Pass	
		Outer_Full	16.07	/	/	20.15	/	/	<=33	Pass	
		Inner_Full	16.13	/	/	20.21	/	/	<=33	Pass	
		Inner_1RB_Left	15.82	/	/	19.90	/	/	<=33	Pass	
		Inner_1RB_Right	16.53	/	/	20.61	/	/	<=33	Pass	
1900		Edge_1RB_Left	16.59	/	/	20.67	/	/	<=33	Pass	
		Edge_1RB_Right	16.32	/	/	20.40	/	/	<=33	Pass	
		Outer_Full	16.29	/	/	20.37	/	/	<=33	Pass	
		Inner_Full	16.33	/	/	20.41	/	/	<=33	Pass	
		Inner_1RB_Left	16.44	/	/	20.52	/	/	<=33	Pass	
		Inner_1RB_Right	16.56	/	/	20.64	/	/	<=33	Pass	
Note1: Antenna Gain: Ant1: 4.08dBi;											
Note2: EIRP=Conducted Power+Antenna Gain											

### 1.1.7 15k\_SISO\_40MHz\_NTNV\_EIRP



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5G NR n25 SCS=15kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB	Conducted Power(dBm)			EIRP(dBm)				Verdict
		Allocation	Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1870	Edge_1RB_Left	21.97	/	/	26.05	/	/	<=33	Pass
		Edge_1RB_Right	22.13	/	/	26.21	/	/	<=33	Pass
		Outer_Full	21.99	/	/	26.07	/	/	<=33	Pass
		Inner_Full	22.38	/	/	26.46	/	/	<=33	Pass
		Inner_1RB_Left	22.53	/	/	26.61	/	/	<=33	Pass
		Inner_1RB_Right	22.57	/	/	26.65	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.80	/	/	25.88	/	/	<=33	Pass
		Edge_1RB_Right	21.82	/	/	25.90	/	/	<=33	Pass
		Outer_Full	21.63	/	/	25.71	/	/	<=33	Pass
		Inner_Full	22.09	/	/	26.17	/	/	<=33	Pass
		Inner_1RB_Left	21.95	/	/	26.03	/	/	<=33	Pass
		Inner_1RB_Right	22.38	/	/	26.46	/	/	<=33	Pass
	1895	Edge_1RB_Left	21.76	/	/	25.84	/	/	<=33	Pass
		Edge_1RB_Right	22.06	/	/	26.14	/	/	<=33	Pass
		Outer_Full	22.16	/	/	26.24	/	/	<=33	Pass
		Inner_Full	22.65	/	/	26.73	/	/	<=33	Pass
		Inner_1RB_Left	22.30	/	/	26.38	/	/	<=33	Pass
		Inner_1RB_Right	22.54	/	/	26.62	/	/	<=33	Pass
DFT-s-OFDM QPSK	1870	Edge_1RB_Left	21.52	/	/	25.60	/	/	<=33	Pass
		Edge_1RB_Right	21.68	/	/	25.76	/	/	<=33	Pass
		Outer_Full	21.46	/	/	25.54	/	/	<=33	Pass
		Inner_Full	22.41	/	/	26.49	/	/	<=33	Pass
		Inner_1RB_Left	22.51	/	/	26.59	/	/	<=33	Pass
		Inner_1RB_Right	22.63	/	/	26.71	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.14	/	/	25.22	/	/	<=33	Pass
		Edge_1RB_Right	21.41	/	/	25.49	/	/	<=33	Pass
		Outer_Full	21.39	/	/	25.47	/	/	<=33	Pass
		Inner_Full	22.47	/	/	26.55	/	/	<=33	Pass
		Inner_1RB_Left	22.10	/	/	26.18	/	/	<=33	Pass
		Inner_1RB_Right	22.52	/	/	26.60	/	/	<=33	Pass
	1895	Edge_1RB_Left	21.26	/	/	25.34	/	/	<=33	Pass
		Edge_1RB_Right	21.50	/	/	25.58	/	/	<=33	Pass
		Outer_Full	21.53	/	/	25.61	/	/	<=33	Pass
		Inner_Full	22.54	/	/	26.62	/	/	<=33	Pass
		Inner_1RB_Left	22.21	/	/	26.29	/	/	<=33	Pass



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		Inner_1RB_Right	22.42	/	/	26.50	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1870	Edge_1RB_Left	20.43	/	/	24.51	/	/	<=33	Pass
		Edge_1RB_Right	20.58	/	/	24.66	/	/	<=33	Pass
		Outer_Full	20.51	/	/	24.59	/	/	<=33	Pass
		Inner_Full	21.38	/	/	25.46	/	/	<=33	Pass
		Inner_1RB_Left	21.46	/	/	25.54	/	/	<=33	Pass
		Inner_1RB_Right	21.73	/	/	25.81	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.04	/	/	24.12	/	/	<=33	Pass
		Edge_1RB_Right	20.49	/	/	24.57	/	/	<=33	Pass
		Outer_Full	20.51	/	/	24.59	/	/	<=33	Pass
		Inner_Full	21.48	/	/	25.56	/	/	<=33	Pass
		Inner_1RB_Left	21.12	/	/	25.20	/	/	<=33	Pass
		Inner_1RB_Right	21.24	/	/	25.32	/	/	<=33	Pass
	1895	Edge_1RB_Left	20.03	/	/	24.11	/	/	<=33	Pass
		Edge_1RB_Right	20.61	/	/	24.69	/	/	<=33	Pass
		Outer_Full	20.66	/	/	24.74	/	/	<=33	Pass
		Inner_Full	21.58	/	/	25.66	/	/	<=33	Pass
		Inner_1RB_Left	21.21	/	/	25.29	/	/	<=33	Pass
		Inner_1RB_Right	21.49	/	/	25.57	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1870	Edge_1RB_Left	20.40	/	/	24.48	/	/	<=33	Pass
		Edge_1RB_Right	20.45	/	/	24.53	/	/	<=33	Pass
		Outer_Full	19.99	/	/	24.07	/	/	<=33	Pass
		Inner_Full	19.86	/	/	23.94	/	/	<=33	Pass
		Inner_1RB_Left	19.97	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Right	20.33	/	/	24.41	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.77	/	/	23.85	/	/	<=33	Pass
		Edge_1RB_Right	20.03	/	/	24.11	/	/	<=33	Pass
		Outer_Full	20.00	/	/	24.08	/	/	<=33	Pass
		Inner_Full	20.02	/	/	24.10	/	/	<=33	Pass
		Inner_1RB_Left	19.62	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Right	20.10	/	/	24.18	/	/	<=33	Pass
	1895	Edge_1RB_Left	19.81	/	/	23.89	/	/	<=33	Pass
		Edge_1RB_Right	20.10	/	/	24.18	/	/	<=33	Pass
		Outer_Full	20.01	/	/	24.09	/	/	<=33	Pass
		Inner_Full	20.13	/	/	24.21	/	/	<=33	Pass
		Inner_1RB_Left	19.93	/	/	24.01	/	/	<=33	Pass
		Inner_1RB_Right	19.93	/	/	24.01	/	/	<=33	Pass
DFT-s-OFDM 256	1870	Edge_1RB_Left	18.11	/	/	22.19	/	/	<=33	Pass



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QAM		Edge_1RB_Right	18.55	/	/	22.63	/	/	<=33	Pass
		Outer_Full	17.93	/	/	22.01	/	/	<=33	Pass
		Inner_Full	17.81	/	/	21.89	/	/	<=33	Pass
		Inner_1RB_Left	18.03	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Right	18.64	/	/	22.72	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	17.80	/	/	21.88	/	/	<=33	Pass
		Edge_1RB_Right	18.06	/	/	22.14	/	/	<=33	Pass
		Outer_Full	17.99	/	/	22.07	/	/	<=33	Pass
		Inner_Full	17.98	/	/	22.06	/	/	<=33	Pass
		Inner_1RB_Left	17.73	/	/	21.81	/	/	<=33	Pass
	1895	Inner_1RB_Right	18.07	/	/	22.15	/	/	<=33	Pass
		Edge_1RB_Left	17.89	/	/	21.97	/	/	<=33	Pass
		Edge_1RB_Right	18.32	/	/	22.40	/	/	<=33	Pass
		Outer_Full	18.02	/	/	22.10	/	/	<=33	Pass
		Inner_Full	18.05	/	/	22.13	/	/	<=33	Pass
		Inner_1RB_Left	17.86	/	/	21.94	/	/	<=33	Pass
		Inner_1RB_Right	18.21	/	/	22.29	/	/	<=33	Pass
CP-OFDM QPSK	1870	Edge_1RB_Left	19.52	/	/	23.60	/	/	<=33	Pass
		Edge_1RB_Right	19.70	/	/	23.78	/	/	<=33	Pass
		Outer_Full	19.51	/	/	23.59	/	/	<=33	Pass
		Inner_Full	20.85	/	/	24.93	/	/	<=33	Pass
		Inner_1RB_Left	21.02	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Right	21.33	/	/	25.41	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.12	/	/	23.20	/	/	<=33	Pass
		Edge_1RB_Right	19.42	/	/	23.50	/	/	<=33	Pass
		Outer_Full	19.38	/	/	23.46	/	/	<=33	Pass
		Inner_Full	20.88	/	/	24.96	/	/	<=33	Pass
		Inner_1RB_Left	20.62	/	/	24.70	/	/	<=33	Pass
		Inner_1RB_Right	21.05	/	/	25.13	/	/	<=33	Pass
	1895	Edge_1RB_Left	19.16	/	/	23.24	/	/	<=33	Pass
		Edge_1RB_Right	19.63	/	/	23.71	/	/	<=33	Pass
		Outer_Full	19.62	/	/	23.70	/	/	<=33	Pass
		Inner_Full	21.10	/	/	25.18	/	/	<=33	Pass
		Inner_1RB_Left	20.62	/	/	24.70	/	/	<=33	Pass
		Inner_1RB_Right	21.05	/	/	25.13	/	/	<=33	Pass
CP-OFDM 16 QAM	1870	Edge_1RB_Left	19.55	/	/	23.63	/	/	<=33	Pass
		Edge_1RB_Right	19.52	/	/	23.60	/	/	<=33	Pass
		Outer_Full	19.42	/	/	23.50	/	/	<=33	Pass



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		Inner_Full	20.41	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Left	20.63	/	/	24.71	/	/	<=33	Pass
		Inner_1RB_Right	20.76	/	/	24.84	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.39	/	/	23.47	/	/	<=33	Pass
		Edge_1RB_Right	19.41	/	/	23.49	/	/	<=33	Pass
		Outer_Full	19.47	/	/	23.55	/	/	<=33	Pass
		Inner_Full	20.44	/	/	24.52	/	/	<=33	Pass
		Inner_1RB_Left	20.20	/	/	24.28	/	/	<=33	Pass
		Inner_1RB_Right	20.58	/	/	24.66	/	/	<=33	Pass
	1895	Edge_1RB_Left	19.36	/	/	23.44	/	/	<=33	Pass
		Edge_1RB_Right	19.66	/	/	23.74	/	/	<=33	Pass
		Outer_Full	19.54	/	/	23.62	/	/	<=33	Pass
		Inner_Full	20.61	/	/	24.69	/	/	<=33	Pass
		Inner_1RB_Left	20.13	/	/	24.21	/	/	<=33	Pass
		Inner_1RB_Right	20.54	/	/	24.62	/	/	<=33	Pass
CP-OFDM 64 QAM	1870	Edge_1RB_Left	19.31	/	/	23.39	/	/	<=33	Pass
		Edge_1RB_Right	19.12	/	/	23.20	/	/	<=33	Pass
		Outer_Full	19.07	/	/	23.15	/	/	<=33	Pass
		Inner_Full	18.88	/	/	22.96	/	/	<=33	Pass
		Inner_1RB_Left	19.00	/	/	23.08	/	/	<=33	Pass
		Inner_1RB_Right	19.19	/	/	23.27	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	18.86	/	/	22.94	/	/	<=33	Pass
		Edge_1RB_Right	19.04	/	/	23.12	/	/	<=33	Pass
		Outer_Full	18.95	/	/	23.03	/	/	<=33	Pass
		Inner_Full	18.95	/	/	23.03	/	/	<=33	Pass
		Inner_1RB_Left	18.64	/	/	22.72	/	/	<=33	Pass
		Inner_1RB_Right	19.05	/	/	23.13	/	/	<=33	Pass
	1895	Edge_1RB_Left	18.60	/	/	22.68	/	/	<=33	Pass
		Edge_1RB_Right	19.36	/	/	23.44	/	/	<=33	Pass
		Outer_Full	19.07	/	/	23.15	/	/	<=33	Pass
		Inner_Full	19.01	/	/	23.09	/	/	<=33	Pass
		Inner_1RB_Left	18.59	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Right	19.11	/	/	23.19	/	/	<=33	Pass
CP-OFDM 256 QAM	1870	Edge_1RB_Left	16.28	/	/	20.36	/	/	<=33	Pass
		Edge_1RB_Right	16.61	/	/	20.69	/	/	<=33	Pass
		Outer_Full	16.07	/	/	20.15	/	/	<=33	Pass
		Inner_Full	15.83	/	/	19.91	/	/	<=33	Pass
		Inner_1RB_Left	16.34	/	/	20.42	/	/	<=33	Pass



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		Inner_1RB_Right	16.24	/	/	20.32	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	16.19	/	/	20.27	/	/	<=33	Pass
		Edge_1RB_Right	16.11	/	/	20.19	/	/	<=33	Pass
		Outer_Full	16.03	/	/	20.11	/	/	<=33	Pass
		Inner_Full	15.97	/	/	20.05	/	/	<=33	Pass
		Inner_1RB_Left	15.79	/	/	19.87	/	/	<=33	Pass
		Inner_1RB_Right	16.31	/	/	20.39	/	/	<=33	Pass
		1895	Edge_1RB_Left	15.74	/	/	19.82	/	/	<=33
	Edge_1RB_Right		16.46	/	/	20.54	/	/	<=33	Pass
	Outer_Full		15.99	/	/	20.07	/	/	<=33	Pass
	Inner_Full		16.11	/	/	20.19	/	/	<=33	Pass
	Inner_1RB_Left		15.96	/	/	20.04	/	/	<=33	Pass
	Inner_1RB_Right		16.29	/	/	20.37	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 4.08dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 15k\_SISO\_40MHz

5G NR n25 SCS=15kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	1882.5	Outer_Full	20	LV	6.40	0.0034	>=-2.5 & <=2.5	Pass
				HV	7.00	0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-7.80	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	-2.70	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-3.90	-0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	1882.5	Outer_Full	20	LV	15.60	0.0083	>=-2.5 & <=2.5	Pass
				HV	8.80	0.0047	>=-2.5 & <=2.5	Pass
			0	NV	3.30	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	6.70	0.0036	>=-2.5 & <=2.5	Pass



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			30	NV	-1.60	-0.0008	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	-4.20	-0.0022	$\geq -2.5$ & $\leq 2.5$	Pass
DFT-s-OFDM 16 QAM	1882.5	Outer_Full	20	LV	4.70	0.0025	$\geq -2.5$ & $\leq 2.5$	Pass
				HV	2.70	0.0014	$\geq -2.5$ & $\leq 2.5$	Pass
			0	NV	6.60	0.0035	$\geq -2.5$ & $\leq 2.5$	Pass
			10	NV	6.00	0.0032	$\geq -2.5$ & $\leq 2.5$	Pass
			20	NV	6.00	0.0032	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	5.20	0.0028	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	-6.60	-0.0035	$\geq -2.5$ & $\leq 2.5$	Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	20	LV	-2.40	-0.0013	$\geq -2.5$ & $\leq 2.5$	Pass
				HV	-1.40	-0.0007	$\geq -2.5$ & $\leq 2.5$	Pass
			0	NV	0.80	0.0004	$\geq -2.5$ & $\leq 2.5$	Pass
			10	NV	2.80	0.0015	$\geq -2.5$ & $\leq 2.5$	Pass
			20	NV	3.20	0.0017	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	-2.40	-0.0013	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	2.60	0.0014	$\geq -2.5$ & $\leq 2.5$	Pass
DFT-s-OFDM 256 QAM	1882.5	Outer_Full	20	LV	-7.30	-0.0039	$\geq -2.5$ & $\leq 2.5$	Pass
				HV	1.40	0.0007	$\geq -2.5$ & $\leq 2.5$	Pass
			0	NV	2.20	0.0012	$\geq -2.5$ & $\leq 2.5$	Pass
			10	NV	-1.00	-0.0005	$\geq -2.5$ & $\leq 2.5$	Pass
			20	NV	6.40	0.0034	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	0.70	0.0004	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	3.40	0.0018	$\geq -2.5$ & $\leq 2.5$	Pass
CP-OFDM QPSK	1882.5	Outer_Full	20	LV	-1.60	-0.0008	$\geq -2.5$ & $\leq 2.5$	Pass
				HV	3.40	0.0018	$\geq -2.5$ & $\leq 2.5$	Pass
			0	NV	6.10	0.0032	$\geq -2.5$ & $\leq 2.5$	Pass
			10	NV	5.90	0.0031	$\geq -2.5$ & $\leq 2.5$	Pass
			20	NV	-1.10	-0.0006	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	6.20	0.0033	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	-3.00	-0.0016	$\geq -2.5$ & $\leq 2.5$	Pass
CP-OFDM 16 QAM	1882.5	Outer_Full	20	LV	2.90	0.0015	$\geq -2.5$ & $\leq 2.5$	Pass
				HV	-5.70	-0.0030	$\geq -2.5$ & $\leq 2.5$	Pass
			0	NV	-0.80	-0.0004	$\geq -2.5$ & $\leq 2.5$	Pass
			10	NV	-2.20	-0.0012	$\geq -2.5$ & $\leq 2.5$	Pass
			20	NV	-3.70	-0.0020	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	1.40	0.0007	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	1.20	0.0006	$\geq -2.5$ & $\leq 2.5$	Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	20	LV	-3.00	-0.0016	$\geq -2.5$ & $\leq 2.5$	Pass



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				HV	1.60	0.0008	$\geq -2.5$ & $\leq 2.5$	Pass
			0	NV	-1.30	-0.0007	$\geq -2.5$ & $\leq 2.5$	Pass
			10	NV	1.60	0.0008	$\geq -2.5$ & $\leq 2.5$	Pass
			20	NV	-3.80	-0.0020	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	-1.30	-0.0007	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	1.30	0.0007	$\geq -2.5$ & $\leq 2.5$	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	20	LV	5.30	0.0028	$\geq -2.5$ & $\leq 2.5$	Pass
				HV	1.80	0.0010	$\geq -2.5$ & $\leq 2.5$	Pass
			0	NV	1.20	0.0006	$\geq -2.5$ & $\leq 2.5$	Pass
			10	NV	3.30	0.0018	$\geq -2.5$ & $\leq 2.5$	Pass
			20	NV	-6.30	-0.0033	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	-3.90	-0.0021	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	-4.00	-0.0021	$\geq -2.5$ & $\leq 2.5$	Pass

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 15k\_SISO\_5MHz\_NTNV

5G NR n25 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1852.5	Outer_Full	4.58	5.33	/	Pass
	1882.5	Outer_Full	4.57	5.40	/	Pass
	1912.5	Outer_Full	4.54	5.22	/	Pass
DFT-s-OFDM QPSK	1852.5	Outer_Full	4.58	5.40	/	Pass
	1882.5	Outer_Full	4.58	5.29	/	Pass
	1912.5	Outer_Full	4.57	5.31	/	Pass
DFT-s-OFDM 16 QAM	1852.5	Outer_Full	4.56	5.36	/	Pass
	1882.5	Outer_Full	4.57	5.32	/	Pass
	1912.5	Outer_Full	4.57	5.35	/	Pass
DFT-s-OFDM 64 QAM	1852.5	Outer_Full	4.57	5.42	/	Pass
	1882.5	Outer_Full	4.58	5.41	/	Pass
	1912.5	Outer_Full	4.59	5.34	/	Pass
DFT-s-OFDM 256 QAM	1852.5	Outer_Full	4.56	5.44	/	Pass
	1882.5	Outer_Full	4.58	5.34	/	Pass
	1912.5	Outer_Full	4.58	5.40	/	Pass



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