

# Appendix C.7

## LTE Band n66



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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 n66 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	1712.5	Edge_1RB_Left	22.97	/	/	28.1	/	/	<=30	Pass
		Edge_1RB_Right	23.09	/	/	28.22	/	/	<=30	Pass
		Outer_Full	23.06	/	/	28.19	/	/	<=30	Pass
		Inner_Full	23.14	/	/	28.27	/	/	<=30	Pass
		Inner_1RB_Left	23.01	/	/	28.14	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	28.28	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.00	/	/	28.13	/	/	<=30	Pass
		Edge_1RB_Right	23.10	/	/	28.23	/	/	<=30	Pass
		Outer_Full	23.06	/	/	28.19	/	/	<=30	Pass
		Inner_Full	23.04	/	/	28.17	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	28.27	/	/	<=30	Pass
		Inner_1RB_Right	23.06	/	/	28.19	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	23.19	/	/	28.32	/	/	<=30	Pass
		Edge_1RB_Right	23.32	/	/	28.45	/	/	<=30	Pass
		Outer_Full	23.30	/	/	28.43	/	/	<=30	Pass
		Inner_Full	23.26	/	/	28.39	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	28.35	/	/	<=30	Pass
		Inner_1RB_Right	23.21	/	/	28.34	/	/	<=30	Pass
DFT-s-OFDM QPSK	1712.5	Edge_1RB_Left	22.96	/	/	28.09	/	/	<=30	Pass
		Edge_1RB_Right	23.08	/	/	28.21	/	/	<=30	Pass
		Outer_Full	23.09	/	/	28.22	/	/	<=30	Pass
		Inner_Full	23.24	/	/	28.37	/	/	<=30	Pass
		Inner_1RB_Left	23.12	/	/	28.25	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	28.27	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.13	/	/	28.26	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	28.17	/	/	<=30	Pass
		Outer_Full	23.05	/	/	28.18	/	/	<=30	Pass
		Inner_Full	23.08	/	/	28.21	/	/	<=30	Pass
		Inner_1RB_Left	23.08	/	/	28.21	/	/	<=30	Pass



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	1777.5	Inner_1RB_Right	23.15	/	/	28.28	/	/	<=30	Pass
		Edge_1RB_Left	23.26	/	/	28.39	/	/	<=30	Pass
		Edge_1RB_Right	23.23	/	/	28.36	/	/	<=30	Pass
		Outer_Full	23.28	/	/	28.41	/	/	<=30	Pass
		Inner_Full	23.32	/	/	28.45	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	28.38	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	28.41	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1712.5	Edge_1RB_Left	21.88	/	/	27.01	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	27.24	/	/	<=30	Pass
		Outer_Full	22.14	/	/	27.27	/	/	<=30	Pass
		Inner_Full	23.21	/	/	28.34	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	28.16	/	/	<=30	Pass
		Inner_1RB_Right	23.13	/	/	28.26	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.07	/	/	27.2	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	27.21	/	/	<=30	Pass
		Outer_Full	22.08	/	/	27.21	/	/	<=30	Pass
		Inner_Full	23.12	/	/	28.25	/	/	<=30	Pass
		Inner_1RB_Left	23.04	/	/	28.17	/	/	<=30	Pass
		Inner_1RB_Right	23.05	/	/	28.18	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	22.31	/	/	27.44	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	27.43	/	/	<=30	Pass
		Outer_Full	22.26	/	/	27.39	/	/	<=30	Pass
		Inner_Full	23.20	/	/	28.33	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	28.33	/	/	<=30	Pass
		Inner_1RB_Right	23.13	/	/	28.26	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1712.5	Edge_1RB_Left	21.43	/	/	26.56	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	26.64	/	/	<=30	Pass
		Outer_Full	21.58	/	/	26.71	/	/	<=30	Pass
		Inner_Full	21.60	/	/	26.73	/	/	<=30	Pass
		Inner_1RB_Left	21.57	/	/	26.7	/	/	<=30	Pass
		Inner_1RB_Right	21.43	/	/	26.56	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.69	/	/	26.82	/	/	<=30	Pass
		Edge_1RB_Right	21.45	/	/	26.58	/	/	<=30	Pass
		Outer_Full	21.63	/	/	26.76	/	/	<=30	Pass
		Inner_Full	21.59	/	/	26.72	/	/	<=30	Pass
		Inner_1RB_Left	21.63	/	/	26.76	/	/	<=30	Pass
		Inner_1RB_Right	21.62	/	/	26.75	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	21.64	/	/	26.77	/	/	<=30	Pass



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		Edge_1RB_Right	21.65	/	/	26.78	/	/	<=30	Pass
		Outer_Full	21.71	/	/	26.84	/	/	<=30	Pass
		Inner_Full	21.80	/	/	26.93	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	26.65	/	/	<=30	Pass
		Inner_1RB_Right	21.64	/	/	26.77	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1712.5	Edge_1RB_Left	19.41	/	/	24.54	/	/	<=30	Pass
		Edge_1RB_Right	19.65	/	/	24.78	/	/	<=30	Pass
		Outer_Full	19.60	/	/	24.73	/	/	<=30	Pass
		Inner_Full	19.59	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Left	19.52	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Right	19.54	/	/	24.67	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.46	/	/	24.59	/	/	<=30	Pass
		Edge_1RB_Right	19.62	/	/	24.75	/	/	<=30	Pass
		Outer_Full	19.62	/	/	24.75	/	/	<=30	Pass
		Inner_Full	19.63	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	19.66	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Right	19.38	/	/	24.51	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	19.59	/	/	24.72	/	/	<=30	Pass
		Edge_1RB_Right	19.87	/	/	25	/	/	<=30	Pass
		Outer_Full	19.86	/	/	24.99	/	/	<=30	Pass
		Inner_Full	19.79	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Left	19.62	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Right	19.55	/	/	24.68	/	/	<=30	Pass
CP-OFDM QPSK	1712.5	Edge_1RB_Left	20.95	/	/	26.08	/	/	<=30	Pass
		Edge_1RB_Right	21.12	/	/	26.25	/	/	<=30	Pass
		Outer_Full	21.22	/	/	26.35	/	/	<=30	Pass
		Inner_Full	22.76	/	/	27.89	/	/	<=30	Pass
		Inner_1RB_Left	22.56	/	/	27.69	/	/	<=30	Pass
		Inner_1RB_Right	22.58	/	/	27.71	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.18	/	/	26.31	/	/	<=30	Pass
		Edge_1RB_Right	21.18	/	/	26.31	/	/	<=30	Pass
		Outer_Full	21.12	/	/	26.25	/	/	<=30	Pass
		Inner_Full	22.76	/	/	27.89	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	27.74	/	/	<=30	Pass
		Inner_1RB_Right	22.62	/	/	27.75	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	21.26	/	/	26.39	/	/	<=30	Pass
		Edge_1RB_Right	21.30	/	/	26.43	/	/	<=30	Pass
		Outer_Full	21.28	/	/	26.41	/	/	<=30	Pass



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CP-OFDM 16 QAM		Inner_Full	22.80	/	/	27.93	/	/	<=30	Pass
		Inner_1RB_Left	22.70	/	/	27.83	/	/	<=30	Pass
		Inner_1RB_Right	22.89	/	/	28.02	/	/	<=30	Pass
	1712.5	Edge_1RB_Left	21.29	/	/	26.42	/	/	<=30	Pass
		Edge_1RB_Right	21.05	/	/	26.18	/	/	<=30	Pass
		Outer_Full	21.10	/	/	26.23	/	/	<=30	Pass
		Inner_Full	22.05	/	/	27.18	/	/	<=30	Pass
		Inner_1RB_Left	22.10	/	/	27.23	/	/	<=30	Pass
		Inner_1RB_Right	22.00	/	/	27.13	/	/	<=30	Pass
		Edge_1RB_Left	21.07	/	/	26.2	/	/	<=30	Pass
	1745	Edge_1RB_Right	20.99	/	/	26.12	/	/	<=30	Pass
		Outer_Full	21.04	/	/	26.17	/	/	<=30	Pass
		Inner_Full	22.09	/	/	27.22	/	/	<=30	Pass
		Inner_1RB_Left	22.23	/	/	27.36	/	/	<=30	Pass
		Inner_1RB_Right	22.29	/	/	27.42	/	/	<=30	Pass
		Edge_1RB_Left	21.25	/	/	26.38	/	/	<=30	Pass
	1777.5	Edge_1RB_Right	21.21	/	/	26.34	/	/	<=30	Pass
		Outer_Full	21.39	/	/	26.52	/	/	<=30	Pass
		Inner_Full	22.34	/	/	27.47	/	/	<=30	Pass
		Inner_1RB_Left	22.35	/	/	27.48	/	/	<=30	Pass
		Inner_1RB_Right	22.08	/	/	27.21	/	/	<=30	Pass
		Edge_1RB_Left	20.57	/	/	25.7	/	/	<=30	Pass
CP-OFDM 64 QAM	1712.5	Edge_1RB_Right	20.62	/	/	25.75	/	/	<=30	Pass
		Outer_Full	20.56	/	/	25.69	/	/	<=30	Pass
		Inner_Full	20.58	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Left	20.36	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Right	20.93	/	/	26.06	/	/	<=30	Pass
		Edge_1RB_Left	20.29	/	/	25.42	/	/	<=30	Pass
	1745	Edge_1RB_Right	20.46	/	/	25.59	/	/	<=30	Pass
		Outer_Full	20.60	/	/	25.73	/	/	<=30	Pass
		Inner_Full	20.66	/	/	25.79	/	/	<=30	Pass
		Inner_1RB_Left	20.74	/	/	25.87	/	/	<=30	Pass
		Inner_1RB_Right	20.44	/	/	25.57	/	/	<=30	Pass
		Edge_1RB_Left	20.74	/	/	25.87	/	/	<=30	Pass
	1777.5	Edge_1RB_Right	20.90	/	/	26.03	/	/	<=30	Pass
		Outer_Full	20.82	/	/	25.95	/	/	<=30	Pass
		Inner_Full	20.80	/	/	25.93	/	/	<=30	Pass
		Inner_1RB_Left	20.91	/	/	26.04	/	/	<=30	Pass



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		Inner_1RB_Right	20.84	/	/	25.97	/	/	<=30	Pass
CP-OFDM 256 QAM	1712.5	Edge_1RB_Left	17.57	/	/	22.7	/	/	<=30	Pass
		Edge_1RB_Right	17.70	/	/	22.83	/	/	<=30	Pass
		Outer_Full	17.59	/	/	22.72	/	/	<=30	Pass
		Inner_Full	17.59	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Left	17.71	/	/	22.84	/	/	<=30	Pass
		Inner_1RB_Right	17.66	/	/	22.79	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.73	/	/	22.86	/	/	<=30	Pass
		Edge_1RB_Right	17.48	/	/	22.61	/	/	<=30	Pass
		Outer_Full	17.63	/	/	22.76	/	/	<=30	Pass
		Inner_Full	17.67	/	/	22.8	/	/	<=30	Pass
		Inner_1RB_Left	17.65	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Right	17.66	/	/	22.79	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	17.50	/	/	22.63	/	/	<=30	Pass
		Edge_1RB_Right	18.05	/	/	23.18	/	/	<=30	Pass
		Outer_Full	17.80	/	/	22.93	/	/	<=30	Pass
		Inner_Full	17.90	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Left	17.92	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	17.63	/	/	22.76	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: 5.13dBi;

Note2: EIRP=Conducted Power+Antenna Gain

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

5G NR n66 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	1715	Edge_1RB_Left	23.06	/	/	28.19	/	/	<=30	Pass
		Edge_1RB_Right	23.31	/	/	28.44	/	/	<=30	Pass
		Outer_Full	23.16	/	/	28.29	/	/	<=30	Pass
		Inner_Full	23.28	/	/	28.41	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	28.24	/	/	<=30	Pass
		Inner_1RB_Right	23.29	/	/	28.42	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.10	/	/	28.23	/	/	<=30	Pass
		Edge_1RB_Right	23.11	/	/	28.24	/	/	<=30	Pass
		Outer_Full	23.00	/	/	28.13	/	/	<=30	Pass
		Inner_Full	23.02	/	/	28.15	/	/	<=30	Pass
		Inner_1RB_Left	23.09	/	/	28.22	/	/	<=30	Pass



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	1775	Inner_1RB_Right	23.14	/	/	28.27	/	/	<=30	Pass
		Edge_1RB_Left	23.29	/	/	28.42	/	/	<=30	Pass
		Edge_1RB_Right	23.27	/	/	28.4	/	/	<=30	Pass
		Outer_Full	23.33	/	/	28.46	/	/	<=30	Pass
		Inner_Full	23.33	/	/	28.46	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	28.43	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	28.52	/	/	<=30	Pass
DFT-s-OFDM QPSK	1715	Edge_1RB_Left	23.05	/	/	28.18	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	28.42	/	/	<=30	Pass
		Outer_Full	23.11	/	/	28.24	/	/	<=30	Pass
		Inner_Full	23.29	/	/	28.42	/	/	<=30	Pass
		Inner_1RB_Left	23.12	/	/	28.25	/	/	<=30	Pass
		Inner_1RB_Right	23.23	/	/	28.36	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.08	/	/	28.21	/	/	<=30	Pass
		Edge_1RB_Right	23.12	/	/	28.25	/	/	<=30	Pass
		Outer_Full	23.04	/	/	28.17	/	/	<=30	Pass
		Inner_Full	23.11	/	/	28.24	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	28.24	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	28.28	/	/	<=30	Pass
	1775	Edge_1RB_Left	23.22	/	/	28.35	/	/	<=30	Pass
		Edge_1RB_Right	23.10	/	/	28.23	/	/	<=30	Pass
		Outer_Full	23.35	/	/	28.48	/	/	<=30	Pass
		Inner_Full	23.32	/	/	28.45	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	28.44	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	28.52	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1715	Edge_1RB_Left	22.29	/	/	27.42	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	27.3	/	/	<=30	Pass
		Outer_Full	22.15	/	/	27.28	/	/	<=30	Pass
		Inner_Full	23.20	/	/	28.33	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	28.27	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	28.41	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.00	/	/	27.13	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	27.14	/	/	<=30	Pass
		Outer_Full	22.14	/	/	27.27	/	/	<=30	Pass
		Inner_Full	23.10	/	/	28.23	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	28.24	/	/	<=30	Pass
		Inner_1RB_Right	22.91	/	/	28.04	/	/	<=30	Pass
	1775	Edge_1RB_Left	22.13	/	/	27.26	/	/	<=30	Pass



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		Edge_1RB_Right	22.20	/	/	27.33	/	/	<=30	Pass
		Outer_Full	22.28	/	/	27.41	/	/	<=30	Pass
		Inner_Full	23.24	/	/	28.37	/	/	<=30	Pass
		Inner_1RB_Left	23.29	/	/	28.42	/	/	<=30	Pass
		Inner_1RB_Right	22.89	/	/	28.02	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1715	Edge_1RB_Left	21.70	/	/	26.83	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	26.73	/	/	<=30	Pass
		Outer_Full	21.74	/	/	26.87	/	/	<=30	Pass
		Inner_Full	21.67	/	/	26.8	/	/	<=30	Pass
		Inner_1RB_Left	21.70	/	/	26.83	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	27	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.69	/	/	26.82	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	27.07	/	/	<=30	Pass
		Outer_Full	21.60	/	/	26.73	/	/	<=30	Pass
		Inner_Full	21.66	/	/	26.79	/	/	<=30	Pass
		Inner_1RB_Left	21.74	/	/	26.87	/	/	<=30	Pass
		Inner_1RB_Right	21.64	/	/	26.77	/	/	<=30	Pass
	1775	Edge_1RB_Left	21.63	/	/	26.76	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	27.23	/	/	<=30	Pass
		Outer_Full	21.76	/	/	26.89	/	/	<=30	Pass
		Inner_Full	21.82	/	/	26.95	/	/	<=30	Pass
		Inner_1RB_Left	22.02	/	/	27.15	/	/	<=30	Pass
		Inner_1RB_Right	21.59	/	/	26.72	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1715	Edge_1RB_Left	19.78	/	/	24.91	/	/	<=30	Pass
		Edge_1RB_Right	19.88	/	/	25.01	/	/	<=30	Pass
		Outer_Full	19.72	/	/	24.85	/	/	<=30	Pass
		Inner_Full	19.76	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Left	19.34	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Right	19.97	/	/	25.1	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.50	/	/	24.63	/	/	<=30	Pass
		Edge_1RB_Right	19.51	/	/	24.64	/	/	<=30	Pass
		Outer_Full	19.60	/	/	24.73	/	/	<=30	Pass
		Inner_Full	19.59	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Left	19.47	/	/	24.6	/	/	<=30	Pass
		Inner_1RB_Right	19.44	/	/	24.57	/	/	<=30	Pass
	1775	Edge_1RB_Left	19.74	/	/	24.87	/	/	<=30	Pass
		Edge_1RB_Right	19.84	/	/	24.97	/	/	<=30	Pass
		Outer_Full	19.85	/	/	24.98	/	/	<=30	Pass



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CP-OFDM QPSK		Inner_Full	19.90	/	/	25.03	/	/	<=30	Pass
		Inner_1RB_Left	19.92	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Right	19.92	/	/	25.05	/	/	<=30	Pass
	1715	Edge_1RB_Left	21.06	/	/	26.19	/	/	<=30	Pass
		Edge_1RB_Right	21.29	/	/	26.42	/	/	<=30	Pass
		Outer_Full	21.24	/	/	26.37	/	/	<=30	Pass
		Inner_Full	22.70	/	/	27.83	/	/	<=30	Pass
		Inner_1RB_Left	22.60	/	/	27.73	/	/	<=30	Pass
		Inner_1RB_Right	22.75	/	/	27.88	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.04	/	/	26.17	/	/	<=30	Pass
		Edge_1RB_Right	21.10	/	/	26.23	/	/	<=30	Pass
		Outer_Full	21.12	/	/	26.25	/	/	<=30	Pass
		Inner_Full	22.57	/	/	27.7	/	/	<=30	Pass
		Inner_1RB_Left	22.40	/	/	27.53	/	/	<=30	Pass
		Inner_1RB_Right	22.63	/	/	27.76	/	/	<=30	Pass
	1775	Edge_1RB_Left	21.22	/	/	26.35	/	/	<=30	Pass
		Edge_1RB_Right	21.28	/	/	26.41	/	/	<=30	Pass
		Outer_Full	21.34	/	/	26.47	/	/	<=30	Pass
		Inner_Full	22.83	/	/	27.96	/	/	<=30	Pass
		Inner_1RB_Left	22.73	/	/	27.86	/	/	<=30	Pass
		Inner_1RB_Right	22.82	/	/	27.95	/	/	<=30	Pass
CP-OFDM 16 QAM	1715	Edge_1RB_Left	21.01	/	/	26.14	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	26.47	/	/	<=30	Pass
		Outer_Full	21.20	/	/	26.33	/	/	<=30	Pass
		Inner_Full	22.17	/	/	27.3	/	/	<=30	Pass
		Inner_1RB_Left	21.95	/	/	27.08	/	/	<=30	Pass
		Inner_1RB_Right	21.99	/	/	27.12	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.06	/	/	26.19	/	/	<=30	Pass
		Edge_1RB_Right	21.14	/	/	26.27	/	/	<=30	Pass
		Outer_Full	21.08	/	/	26.21	/	/	<=30	Pass
		Inner_Full	21.97	/	/	27.1	/	/	<=30	Pass
		Inner_1RB_Left	21.98	/	/	27.11	/	/	<=30	Pass
		Inner_1RB_Right	22.03	/	/	27.16	/	/	<=30	Pass
	1775	Edge_1RB_Left	21.20	/	/	26.33	/	/	<=30	Pass
		Edge_1RB_Right	21.26	/	/	26.39	/	/	<=30	Pass
		Outer_Full	21.43	/	/	26.56	/	/	<=30	Pass
		Inner_Full	22.30	/	/	27.43	/	/	<=30	Pass
		Inner_1RB_Left	22.43	/	/	27.56	/	/	<=30	Pass



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		Inner_1RB_Right	22.07	/	/	27.2	/	/	<=30	Pass
CP-OFDM 64 QAM	1715	Edge_1RB_Left	20.17	/	/	25.3	/	/	<=30	Pass
		Edge_1RB_Right	20.97	/	/	26.1	/	/	<=30	Pass
		Outer_Full	20.68	/	/	25.81	/	/	<=30	Pass
		Inner_Full	20.74	/	/	25.87	/	/	<=30	Pass
		Inner_1RB_Left	20.67	/	/	25.8	/	/	<=30	Pass
		Inner_1RB_Right	20.70	/	/	25.83	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.64	/	/	25.77	/	/	<=30	Pass
		Edge_1RB_Right	20.70	/	/	25.83	/	/	<=30	Pass
		Outer_Full	20.59	/	/	25.72	/	/	<=30	Pass
		Inner_Full	20.66	/	/	25.79	/	/	<=30	Pass
		Inner_1RB_Left	20.73	/	/	25.86	/	/	<=30	Pass
		Inner_1RB_Right	20.62	/	/	25.75	/	/	<=30	Pass
	1775	Edge_1RB_Left	20.81	/	/	25.94	/	/	<=30	Pass
		Edge_1RB_Right	20.62	/	/	25.75	/	/	<=30	Pass
		Outer_Full	20.93	/	/	26.06	/	/	<=30	Pass
		Inner_Full	20.81	/	/	25.94	/	/	<=30	Pass
		Inner_1RB_Left	21.10	/	/	26.23	/	/	<=30	Pass
		Inner_1RB_Right	20.82	/	/	25.95	/	/	<=30	Pass
CP-OFDM 256 QAM	1715	Edge_1RB_Left	17.63	/	/	22.76	/	/	<=30	Pass
		Edge_1RB_Right	18.00	/	/	23.13	/	/	<=30	Pass
		Outer_Full	17.74	/	/	22.87	/	/	<=30	Pass
		Inner_Full	17.69	/	/	22.82	/	/	<=30	Pass
		Inner_1RB_Left	17.66	/	/	22.79	/	/	<=30	Pass
		Inner_1RB_Right	17.80	/	/	22.93	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.81	/	/	22.94	/	/	<=30	Pass
		Edge_1RB_Right	17.53	/	/	22.66	/	/	<=30	Pass
		Outer_Full	17.59	/	/	22.72	/	/	<=30	Pass
		Inner_Full	17.59	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Left	17.74	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Right	17.47	/	/	22.6	/	/	<=30	Pass
	1775	Edge_1RB_Left	17.93	/	/	23.06	/	/	<=30	Pass
		Edge_1RB_Right	17.85	/	/	22.98	/	/	<=30	Pass
		Outer_Full	17.83	/	/	22.96	/	/	<=30	Pass
		Inner_Full	17.83	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Left	17.76	/	/	22.89	/	/	<=30	Pass
		Inner_1RB_Right	17.89	/	/	23.02	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: 5.13dBi;



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Note2: EIRP=Conducted Power+Antenna Gain

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

5G NR n66 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	1717.5	Edge_1RB_Left	23.11	/	/	28.24	/	/	<=30	Pass
		Edge_1RB_Right	23.45	/	/	28.58	/	/	<=30	Pass
		Outer_Full	23.37	/	/	28.5	/	/	<=30	Pass
		Inner_Full	23.34	/	/	28.47	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	28.33	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	28.54	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.24	/	/	28.37	/	/	<=30	Pass
		Edge_1RB_Right	23.25	/	/	28.38	/	/	<=30	Pass
		Outer_Full	23.31	/	/	28.44	/	/	<=30	Pass
		Inner_Full	23.24	/	/	28.37	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	28.46	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	28.37	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	23.22	/	/	28.35	/	/	<=30	Pass
		Edge_1RB_Right	23.26	/	/	28.39	/	/	<=30	Pass
		Outer_Full	23.36	/	/	28.49	/	/	<=30	Pass
		Inner_Full	23.37	/	/	28.5	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	28.37	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	28.48	/	/	<=30	Pass
DFT-s-OFDM QPSK	1717.5	Edge_1RB_Left	23.24	/	/	28.37	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	28.62	/	/	<=30	Pass
		Outer_Full	23.36	/	/	28.49	/	/	<=30	Pass
		Inner_Full	23.31	/	/	28.44	/	/	<=30	Pass
		Inner_1RB_Left	23.26	/	/	28.39	/	/	<=30	Pass
		Inner_1RB_Right	23.50	/	/	28.63	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.27	/	/	28.4	/	/	<=30	Pass
		Edge_1RB_Right	23.27	/	/	28.4	/	/	<=30	Pass
		Outer_Full	23.28	/	/	28.41	/	/	<=30	Pass
		Inner_Full	23.24	/	/	28.37	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	28.44	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	28.38	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	23.51	/	/	28.64	/	/	<=30	Pass



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		Edge_1RB_Right	23.33	/	/	28.46	/	/	<=30	Pass
		Outer_Full	23.35	/	/	28.48	/	/	<=30	Pass
		Inner_Full	23.38	/	/	28.51	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	28.44	/	/	<=30	Pass
		Inner_1RB_Right	23.34	/	/	28.47	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1717.5	Edge_1RB_Left	22.34	/	/	27.47	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	27.33	/	/	<=30	Pass
		Outer_Full	22.39	/	/	27.52	/	/	<=30	Pass
		Inner_Full	23.37	/	/	28.5	/	/	<=30	Pass
		Inner_1RB_Left	23.16	/	/	28.29	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	28.33	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.07	/	/	27.2	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	27.44	/	/	<=30	Pass
		Outer_Full	22.38	/	/	27.51	/	/	<=30	Pass
		Inner_Full	23.31	/	/	28.44	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	28.33	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	28.49	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	22.42	/	/	27.55	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	27.47	/	/	<=30	Pass
		Outer_Full	22.40	/	/	27.53	/	/	<=30	Pass
		Inner_Full	23.38	/	/	28.51	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	28.37	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	28.57	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1717.5	Edge_1RB_Left	21.69	/	/	26.82	/	/	<=30	Pass
		Edge_1RB_Right	21.53	/	/	26.66	/	/	<=30	Pass
		Outer_Full	21.89	/	/	27.02	/	/	<=30	Pass
		Inner_Full	21.86	/	/	26.99	/	/	<=30	Pass
		Inner_1RB_Left	21.54	/	/	26.67	/	/	<=30	Pass
		Inner_1RB_Right	22.07	/	/	27.2	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.69	/	/	26.82	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	26.79	/	/	<=30	Pass
		Outer_Full	21.70	/	/	26.83	/	/	<=30	Pass
		Inner_Full	21.62	/	/	26.75	/	/	<=30	Pass
		Inner_1RB_Left	21.71	/	/	26.84	/	/	<=30	Pass
		Inner_1RB_Right	21.83	/	/	26.96	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	21.77	/	/	26.9	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	27.14	/	/	<=30	Pass
		Outer_Full	21.90	/	/	27.03	/	/	<=30	Pass



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DFT-s-OFDM 256 QAM		Inner_Full	21.97	/	/	27.1	/	/	<=30	Pass
		Inner_1RB_Left	21.89	/	/	27.02	/	/	<=30	Pass
		Inner_1RB_Right	22.11	/	/	27.24	/	/	<=30	Pass
	1717.5	Edge_1RB_Left	19.76	/	/	24.89	/	/	<=30	Pass
		Edge_1RB_Right	20.19	/	/	25.32	/	/	<=30	Pass
		Outer_Full	19.86	/	/	24.99	/	/	<=30	Pass
		Inner_Full	19.86	/	/	24.99	/	/	<=30	Pass
		Inner_1RB_Left	19.73	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Right	20.11	/	/	25.24	/	/	<=30	Pass
		Edge_1RB_Left	19.71	/	/	24.84	/	/	<=30	Pass
	1745	Edge_1RB_Right	19.72	/	/	24.85	/	/	<=30	Pass
		Outer_Full	19.84	/	/	24.97	/	/	<=30	Pass
		Inner_Full	19.75	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Left	19.73	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Right	19.87	/	/	25	/	/	<=30	Pass
		Edge_1RB_Left	19.87	/	/	25	/	/	<=30	Pass
	1772.5	Edge_1RB_Right	20.04	/	/	25.17	/	/	<=30	Pass
		Outer_Full	19.90	/	/	25.03	/	/	<=30	Pass
		Inner_Full	19.88	/	/	25.01	/	/	<=30	Pass
		Inner_1RB_Left	19.88	/	/	25.01	/	/	<=30	Pass
		Inner_1RB_Right	19.83	/	/	24.96	/	/	<=30	Pass
CP-OFDM QPSK	1717.5	Edge_1RB_Left	21.19	/	/	26.32	/	/	<=30	Pass
		Edge_1RB_Right	21.43	/	/	26.56	/	/	<=30	Pass
		Outer_Full	21.43	/	/	26.56	/	/	<=30	Pass
		Inner_Full	22.85	/	/	27.98	/	/	<=30	Pass
		Inner_1RB_Left	22.62	/	/	27.75	/	/	<=30	Pass
		Inner_1RB_Right	22.85	/	/	27.98	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.07	/	/	26.2	/	/	<=30	Pass
		Edge_1RB_Right	21.27	/	/	26.4	/	/	<=30	Pass
		Outer_Full	21.28	/	/	26.41	/	/	<=30	Pass
		Inner_Full	22.66	/	/	27.79	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	27.87	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	27.86	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	21.31	/	/	26.44	/	/	<=30	Pass
		Edge_1RB_Right	21.33	/	/	26.46	/	/	<=30	Pass
		Outer_Full	21.37	/	/	26.5	/	/	<=30	Pass
		Inner_Full	22.85	/	/	27.98	/	/	<=30	Pass
		Inner_1RB_Left	22.68	/	/	27.81	/	/	<=30	Pass



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		Inner_1RB_Right	22.73	/	/	27.86	/	/	<=30	Pass
CP-OFDM 16 QAM	1717.5	Edge_1RB_Left	21.38	/	/	26.51	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	26.65	/	/	<=30	Pass
		Outer_Full	21.38	/	/	26.51	/	/	<=30	Pass
		Inner_Full	22.29	/	/	27.42	/	/	<=30	Pass
		Inner_1RB_Left	22.20	/	/	27.33	/	/	<=30	Pass
		Inner_1RB_Right	22.34	/	/	27.47	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.34	/	/	26.47	/	/	<=30	Pass
		Edge_1RB_Right	21.58	/	/	26.71	/	/	<=30	Pass
		Outer_Full	21.29	/	/	26.42	/	/	<=30	Pass
		Inner_Full	22.28	/	/	27.41	/	/	<=30	Pass
		Inner_1RB_Left	22.21	/	/	27.34	/	/	<=30	Pass
		Inner_1RB_Right	22.21	/	/	27.34	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	21.30	/	/	26.43	/	/	<=30	Pass
		Edge_1RB_Right	21.14	/	/	26.27	/	/	<=30	Pass
		Outer_Full	21.39	/	/	26.52	/	/	<=30	Pass
		Inner_Full	22.45	/	/	27.58	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	27.74	/	/	<=30	Pass
		Inner_1RB_Right	22.67	/	/	27.8	/	/	<=30	Pass
CP-OFDM 64 QAM	1717.5	Edge_1RB_Left	20.34	/	/	25.47	/	/	<=30	Pass
		Edge_1RB_Right	20.84	/	/	25.97	/	/	<=30	Pass
		Outer_Full	20.89	/	/	26.02	/	/	<=30	Pass
		Inner_Full	20.89	/	/	26.02	/	/	<=30	Pass
		Inner_1RB_Left	20.74	/	/	25.87	/	/	<=30	Pass
		Inner_1RB_Right	21.06	/	/	26.19	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.70	/	/	25.83	/	/	<=30	Pass
		Edge_1RB_Right	20.91	/	/	26.04	/	/	<=30	Pass
		Outer_Full	20.80	/	/	25.93	/	/	<=30	Pass
		Inner_Full	20.68	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Left	21.09	/	/	26.22	/	/	<=30	Pass
		Inner_1RB_Right	20.91	/	/	26.04	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	21.20	/	/	26.33	/	/	<=30	Pass
		Edge_1RB_Right	20.88	/	/	26.01	/	/	<=30	Pass
		Outer_Full	20.89	/	/	26.02	/	/	<=30	Pass
		Inner_Full	20.92	/	/	26.05	/	/	<=30	Pass
		Inner_1RB_Left	21.13	/	/	26.26	/	/	<=30	Pass
		Inner_1RB_Right	21.13	/	/	26.26	/	/	<=30	Pass
CP-OFDM 256 QAM	1717.5	Edge_1RB_Left	17.85	/	/	22.98	/	/	<=30	Pass



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		Edge_1RB_Right	18.09	/	/	23.22	/	/	<=30	Pass
		Outer_Full	17.84	/	/	22.97	/	/	<=30	Pass
		Inner_Full	17.82	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Left	17.60	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Right	18.18	/	/	23.31	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.97	/	/	23.1	/	/	<=30	Pass
		Edge_1RB_Right	17.74	/	/	22.87	/	/	<=30	Pass
		Outer_Full	17.82	/	/	22.95	/	/	<=30	Pass
		Inner_Full	17.81	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Left	17.96	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Right	17.77	/	/	22.9	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	17.77	/	/	22.9	/	/	<=30	Pass
		Edge_1RB_Right	18.05	/	/	23.18	/	/	<=30	Pass
		Outer_Full	17.88	/	/	23.01	/	/	<=30	Pass
		Inner_Full	17.88	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Left	17.69	/	/	22.82	/	/	<=30	Pass
		Inner_1RB_Right	17.90	/	/	23.03	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 5.13dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

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

5G NR n66 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	1720	Edge_1RB_Left	23.20	/	/	28.44	/	/	<=30	Pass
		Edge_1RB_Right	23.40	/	/	28.64	/	/	<=30	Pass
		Outer_Full	23.30	/	/	28.54	/	/	<=30	Pass
		Inner_Full	23.33	/	/	28.57	/	/	<=30	Pass
		Inner_1RB_Left	23.26	/	/	28.50	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	28.61	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.28	/	/	28.52	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	28.53	/	/	<=30	Pass
		Outer_Full	23.28	/	/	28.52	/	/	<=30	Pass
		Inner_Full	23.30	/	/	28.54	/	/	<=30	Pass
		Inner_1RB_Left	23.37	/	/	28.61	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	28.49	/	/	<=30	Pass
	1770	Edge_1RB_Left	23.33	/	/	28.57	/	/	<=30	Pass



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		Edge_1RB_Right	23.28	/	/	28.52	/	/	<=30	Pass
		Outer_Full	23.39	/	/	28.63	/	/	<=30	Pass
		Inner_Full	23.36	/	/	28.60	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	28.57	/	/	<=30	Pass
		Inner_1RB_Right	23.34	/	/	28.58	/	/	<=30	Pass
DFT-s-OFDM QPSK	1720	Edge_1RB_Left	23.20	/	/	28.44	/	/	<=30	Pass
		Edge_1RB_Right	23.36	/	/	28.60	/	/	<=30	Pass
		Outer_Full	23.28	/	/	28.52	/	/	<=30	Pass
		Inner_Full	23.37	/	/	28.61	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	28.44	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	28.60	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.33	/	/	28.57	/	/	<=30	Pass
		Edge_1RB_Right	23.33	/	/	28.57	/	/	<=30	Pass
		Outer_Full	23.31	/	/	28.55	/	/	<=30	Pass
		Inner_Full	23.29	/	/	28.53	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	28.62	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	28.57	/	/	<=30	Pass
	1770	Edge_1RB_Left	23.28	/	/	28.52	/	/	<=30	Pass
		Edge_1RB_Right	23.36	/	/	28.60	/	/	<=30	Pass
		Outer_Full	23.37	/	/	28.61	/	/	<=30	Pass
		Inner_Full	23.39	/	/	28.63	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	28.49	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	28.59	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1720	Edge_1RB_Left	22.22	/	/	27.46	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	27.69	/	/	<=30	Pass
		Outer_Full	22.33	/	/	27.57	/	/	<=30	Pass
		Inner_Full	23.35	/	/	28.59	/	/	<=30	Pass
		Inner_1RB_Left	23.12	/	/	28.36	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	28.78	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.33	/	/	27.57	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	27.54	/	/	<=30	Pass
		Outer_Full	22.32	/	/	27.56	/	/	<=30	Pass
		Inner_Full	23.31	/	/	28.55	/	/	<=30	Pass
		Inner_1RB_Left	23.07	/	/	28.31	/	/	<=30	Pass
		Inner_1RB_Right	23.13	/	/	28.37	/	/	<=30	Pass
	1770	Edge_1RB_Left	22.29	/	/	27.53	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	27.51	/	/	<=30	Pass
		Outer_Full	22.41	/	/	27.65	/	/	<=30	Pass



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DFT-s-OFDM 64 QAM		Inner_Full	23.46	/	/	28.70	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	28.57	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	28.67	/	/	<=30	Pass
	1720	Edge_1RB_Left	21.50	/	/	26.74	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	27.14	/	/	<=30	Pass
		Outer_Full	21.86	/	/	27.10	/	/	<=30	Pass
		Inner_Full	21.83	/	/	27.07	/	/	<=30	Pass
		Inner_1RB_Left	21.65	/	/	26.89	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	27.11	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.93	/	/	27.17	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	26.93	/	/	<=30	Pass
		Outer_Full	21.69	/	/	26.93	/	/	<=30	Pass
		Inner_Full	21.75	/	/	26.99	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	26.97	/	/	<=30	Pass
		Inner_1RB_Right	21.80	/	/	27.04	/	/	<=30	Pass
	1770	Edge_1RB_Left	21.74	/	/	26.98	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	26.95	/	/	<=30	Pass
		Outer_Full	21.88	/	/	27.12	/	/	<=30	Pass
		Inner_Full	21.88	/	/	27.12	/	/	<=30	Pass
		Inner_1RB_Left	21.72	/	/	26.96	/	/	<=30	Pass
		Inner_1RB_Right	21.83	/	/	27.07	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1720	Edge_1RB_Left	19.86	/	/	25.10	/	/	<=30	Pass
		Edge_1RB_Right	20.13	/	/	25.37	/	/	<=30	Pass
		Outer_Full	19.89	/	/	25.13	/	/	<=30	Pass
		Inner_Full	19.83	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Left	19.73	/	/	24.97	/	/	<=30	Pass
		Inner_1RB_Right	19.81	/	/	25.05	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.87	/	/	25.11	/	/	<=30	Pass
		Edge_1RB_Right	19.88	/	/	25.12	/	/	<=30	Pass
		Outer_Full	19.80	/	/	25.04	/	/	<=30	Pass
		Inner_Full	19.70	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Left	19.90	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Right	19.93	/	/	25.17	/	/	<=30	Pass
	1770	Edge_1RB_Left	19.66	/	/	24.90	/	/	<=30	Pass
		Edge_1RB_Right	19.90	/	/	25.14	/	/	<=30	Pass
		Outer_Full	19.94	/	/	25.18	/	/	<=30	Pass
		Inner_Full	19.96	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Left	19.92	/	/	25.16	/	/	<=30	Pass



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		Inner_1RB_Right	19.95	/	/	25.19	/	/	<=30	Pass
CP-OFDM QPSK	1720	Edge_1RB_Left	21.33	/	/	26.57	/	/	<=30	Pass
		Edge_1RB_Right	21.46	/	/	26.70	/	/	<=30	Pass
		Outer_Full	21.31	/	/	26.55	/	/	<=30	Pass
		Inner_Full	22.91	/	/	28.15	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	27.88	/	/	<=30	Pass
		Inner_1RB_Right	22.82	/	/	28.06	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.30	/	/	26.54	/	/	<=30	Pass
		Edge_1RB_Right	21.38	/	/	26.62	/	/	<=30	Pass
		Outer_Full	21.22	/	/	26.46	/	/	<=30	Pass
		Inner_Full	22.78	/	/	28.02	/	/	<=30	Pass
		Inner_1RB_Left	22.83	/	/	28.07	/	/	<=30	Pass
		Inner_1RB_Right	22.61	/	/	27.85	/	/	<=30	Pass
	1770	Edge_1RB_Left	21.44	/	/	26.68	/	/	<=30	Pass
		Edge_1RB_Right	21.23	/	/	26.47	/	/	<=30	Pass
		Outer_Full	21.39	/	/	26.63	/	/	<=30	Pass
		Inner_Full	22.86	/	/	28.10	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	27.98	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	27.97	/	/	<=30	Pass
CP-OFDM 16 QAM	1720	Edge_1RB_Left	21.24	/	/	26.48	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	26.68	/	/	<=30	Pass
		Outer_Full	21.35	/	/	26.59	/	/	<=30	Pass
		Inner_Full	22.33	/	/	27.57	/	/	<=30	Pass
		Inner_1RB_Left	22.41	/	/	27.65	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	27.90	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.30	/	/	26.54	/	/	<=30	Pass
		Edge_1RB_Right	21.82	/	/	27.06	/	/	<=30	Pass
		Outer_Full	21.31	/	/	26.55	/	/	<=30	Pass
		Inner_Full	22.29	/	/	27.53	/	/	<=30	Pass
		Inner_1RB_Left	22.19	/	/	27.43	/	/	<=30	Pass
		Inner_1RB_Right	22.25	/	/	27.49	/	/	<=30	Pass
	1770	Edge_1RB_Left	21.80	/	/	27.04	/	/	<=30	Pass
		Edge_1RB_Right	21.10	/	/	26.34	/	/	<=30	Pass
		Outer_Full	21.39	/	/	26.63	/	/	<=30	Pass
		Inner_Full	22.39	/	/	27.63	/	/	<=30	Pass
		Inner_1RB_Left	22.44	/	/	27.68	/	/	<=30	Pass
		Inner_1RB_Right	22.35	/	/	27.59	/	/	<=30	Pass
CP-OFDM 64 QAM	1720	Edge_1RB_Left	20.91	/	/	26.15	/	/	<=30	Pass



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		Edge_1RB_Right	20.96	/	/	26.20	/	/	<=30	Pass	
		Outer_Full	20.82	/	/	26.06	/	/	<=30	Pass	
		Inner_Full	20.83	/	/	26.07	/	/	<=30	Pass	
		Inner_1RB_Left	20.77	/	/	26.01	/	/	<=30	Pass	
		Inner_1RB_Right	20.85	/	/	26.09	/	/	<=30	Pass	
	1745	Edge_1RB_Left	20.73	/	/	25.97	/	/	<=30	Pass	
		Edge_1RB_Right	20.97	/	/	26.21	/	/	<=30	Pass	
		Outer_Full	20.74	/	/	25.98	/	/	<=30	Pass	
		Inner_Full	20.72	/	/	25.96	/	/	<=30	Pass	
		Inner_1RB_Left	20.84	/	/	26.08	/	/	<=30	Pass	
	1770	Inner_1RB_Right	20.82	/	/	26.06	/	/	<=30	Pass	
		Edge_1RB_Left	20.82	/	/	26.06	/	/	<=30	Pass	
		Edge_1RB_Right	20.85	/	/	26.09	/	/	<=30	Pass	
		Outer_Full	20.92	/	/	26.16	/	/	<=30	Pass	
		Inner_Full	20.95	/	/	26.19	/	/	<=30	Pass	
	CP-OFDM 256 QAM	1720	Inner_1RB_Left	20.64	/	/	25.88	/	/	<=30	Pass
			Inner_1RB_Right	20.83	/	/	26.07	/	/	<=30	Pass
			Edge_1RB_Left	17.77	/	/	23.01	/	/	<=30	Pass
Edge_1RB_Right			17.87	/	/	23.11	/	/	<=30	Pass	
Outer_Full			17.83	/	/	23.07	/	/	<=30	Pass	
Inner_Full			17.87	/	/	23.11	/	/	<=30	Pass	
1745		Inner_1RB_Left	17.87	/	/	23.11	/	/	<=30	Pass	
		Inner_1RB_Right	17.87	/	/	23.11	/	/	<=30	Pass	
		Edge_1RB_Left	17.93	/	/	23.17	/	/	<=30	Pass	
		Edge_1RB_Right	18.00	/	/	23.24	/	/	<=30	Pass	
		Outer_Full	17.88	/	/	23.12	/	/	<=30	Pass	
		Inner_Full	17.75	/	/	22.99	/	/	<=30	Pass	
1770		Inner_1RB_Left	17.98	/	/	23.22	/	/	<=30	Pass	
		Inner_1RB_Right	17.71	/	/	22.95	/	/	<=30	Pass	
		Edge_1RB_Left	17.85	/	/	23.09	/	/	<=30	Pass	
		Edge_1RB_Right	17.98	/	/	23.22	/	/	<=30	Pass	
		Outer_Full	17.92	/	/	23.16	/	/	<=30	Pass	
		Inner_Full	17.91	/	/	23.15	/	/	<=30	Pass	
	Inner_1RB_Left	17.87	/	/	23.11	/	/	<=30	Pass		
	Inner_1RB_Right	17.75	/	/	22.99	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: 5.13dBi;											
Note2: EIRP=Conducted Power+Antenna Gain											



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### 1.1.5 15k\_SISO\_30MHz\_NTNV\_EIRP

5G NR n66 SCS=15kHz SISO 30MHz NTV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1725	Edge_1RB_Left	23.19	/	/	28.32	/	/	<=30	Pass
		Edge_1RB_Right	23.15	/	/	28.28	/	/	<=30	Pass
		Outer_Full	23.35	/	/	28.48	/	/	<=30	Pass
		Inner_Full	23.41	/	/	28.54	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	28.24	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	28.28	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.36	/	/	28.49	/	/	<=30	Pass
		Edge_1RB_Right	23.42	/	/	28.55	/	/	<=30	Pass
		Outer_Full	23.38	/	/	28.51	/	/	<=30	Pass
		Inner_Full	23.31	/	/	28.44	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	28.45	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	28.41	/	/	<=30	Pass
	1765	Edge_1RB_Left	23.11	/	/	28.24	/	/	<=30	Pass
		Edge_1RB_Right	23.41	/	/	28.54	/	/	<=30	Pass
		Outer_Full	23.46	/	/	28.59	/	/	<=30	Pass
		Inner_Full	23.47	/	/	28.6	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	28.37	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	28.51	/	/	<=30	Pass
DFT-s-OFDM QPSK	1725	Edge_1RB_Left	23.13	/	/	28.26	/	/	<=30	Pass
		Edge_1RB_Right	23.24	/	/	28.37	/	/	<=30	Pass
		Outer_Full	23.45	/	/	28.58	/	/	<=30	Pass
		Inner_Full	23.50	/	/	28.63	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	28.38	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	28.44	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.39	/	/	28.52	/	/	<=30	Pass
		Edge_1RB_Right	23.46	/	/	28.59	/	/	<=30	Pass
		Outer_Full	23.37	/	/	28.5	/	/	<=30	Pass
		Inner_Full	23.35	/	/	28.48	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	28.51	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	28.44	/	/	<=30	Pass
	1765	Edge_1RB_Left	23.11	/	/	28.24	/	/	<=30	Pass
		Edge_1RB_Right	23.31	/	/	28.44	/	/	<=30	Pass
		Outer_Full	23.42	/	/	28.55	/	/	<=30	Pass



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DFT-s-OFDM 16 QAM		Inner_Full	23.47	/	/	28.6	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	28.31	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	28.56	/	/	<=30	Pass
	1725	Edge_1RB_Left	22.01	/	/	27.14	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	27.33	/	/	<=30	Pass
		Outer_Full	22.39	/	/	27.52	/	/	<=30	Pass
		Inner_Full	23.43	/	/	28.56	/	/	<=30	Pass
		Inner_1RB_Left	23.01	/	/	28.14	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	28.45	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.38	/	/	27.51	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	27.21	/	/	<=30	Pass
		Outer_Full	22.32	/	/	27.45	/	/	<=30	Pass
		Inner_Full	23.21	/	/	28.34	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	28.51	/	/	<=30	Pass
		Inner_1RB_Right	23.18	/	/	28.31	/	/	<=30	Pass
	1765	Edge_1RB_Left	22.07	/	/	27.2	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	27.35	/	/	<=30	Pass
		Outer_Full	22.51	/	/	27.64	/	/	<=30	Pass
		Inner_Full	23.56	/	/	28.69	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	28.37	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	28.51	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1725	Edge_1RB_Left	21.61	/	/	26.74	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	26.82	/	/	<=30	Pass
		Outer_Full	21.90	/	/	27.03	/	/	<=30	Pass
		Inner_Full	21.92	/	/	27.05	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	26.74	/	/	<=30	Pass
		Inner_1RB_Right	21.61	/	/	26.74	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.57	/	/	26.7	/	/	<=30	Pass
		Edge_1RB_Right	21.85	/	/	26.98	/	/	<=30	Pass
		Outer_Full	21.85	/	/	26.98	/	/	<=30	Pass
		Inner_Full	21.78	/	/	26.91	/	/	<=30	Pass
		Inner_1RB_Left	21.82	/	/	26.95	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	27	/	/	<=30	Pass
	1765	Edge_1RB_Left	21.87	/	/	27	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	26.9	/	/	<=30	Pass
		Outer_Full	22.05	/	/	27.18	/	/	<=30	Pass
		Inner_Full	22.02	/	/	27.15	/	/	<=30	Pass
		Inner_1RB_Left	21.66	/	/	26.79	/	/	<=30	Pass



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		Inner_1RB_Right	21.99	/	/	27.12	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1725	Edge_1RB_Left	19.60	/	/	24.73	/	/	<=30	Pass
		Edge_1RB_Right	19.88	/	/	25.01	/	/	<=30	Pass
		Outer_Full	19.91	/	/	25.04	/	/	<=30	Pass
		Inner_Full	19.97	/	/	25.1	/	/	<=30	Pass
		Inner_1RB_Left	19.80	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Right	19.98	/	/	25.11	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.96	/	/	25.09	/	/	<=30	Pass
		Edge_1RB_Right	19.92	/	/	25.05	/	/	<=30	Pass
		Outer_Full	19.92	/	/	25.05	/	/	<=30	Pass
		Inner_Full	19.78	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Left	20.16	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Right	19.95	/	/	25.08	/	/	<=30	Pass
	1765	Edge_1RB_Left	19.93	/	/	25.06	/	/	<=30	Pass
		Edge_1RB_Right	20.06	/	/	25.19	/	/	<=30	Pass
		Outer_Full	20.02	/	/	25.15	/	/	<=30	Pass
		Inner_Full	19.95	/	/	25.08	/	/	<=30	Pass
		Inner_1RB_Left	19.61	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Right	20.09	/	/	25.22	/	/	<=30	Pass
CP-OFDM QPSK	1725	Edge_1RB_Left	21.17	/	/	26.3	/	/	<=30	Pass
		Edge_1RB_Right	21.40	/	/	26.53	/	/	<=30	Pass
		Outer_Full	21.52	/	/	26.65	/	/	<=30	Pass
		Inner_Full	22.90	/	/	28.03	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	27.92	/	/	<=30	Pass
		Inner_1RB_Right	23.18	/	/	28.31	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.30	/	/	26.43	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	26.63	/	/	<=30	Pass
		Outer_Full	21.40	/	/	26.53	/	/	<=30	Pass
		Inner_Full	22.77	/	/	27.9	/	/	<=30	Pass
		Inner_1RB_Left	22.85	/	/	27.98	/	/	<=30	Pass
		Inner_1RB_Right	22.86	/	/	27.99	/	/	<=30	Pass
	1765	Edge_1RB_Left	21.17	/	/	26.3	/	/	<=30	Pass
		Edge_1RB_Right	21.53	/	/	26.66	/	/	<=30	Pass
		Outer_Full	21.49	/	/	26.62	/	/	<=30	Pass
		Inner_Full	22.90	/	/	28.03	/	/	<=30	Pass
		Inner_1RB_Left	22.73	/	/	27.86	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	28.08	/	/	<=30	Pass
CP-OFDM 16 QAM	1725	Edge_1RB_Left	21.40	/	/	26.53	/	/	<=30	Pass



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		Edge_1RB_Right	21.23	/	/	26.36	/	/	<=30	Pass
		Outer_Full	21.37	/	/	26.5	/	/	<=30	Pass
		Inner_Full	22.42	/	/	27.55	/	/	<=30	Pass
		Inner_1RB_Left	22.28	/	/	27.41	/	/	<=30	Pass
		Inner_1RB_Right	22.29	/	/	27.42	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.39	/	/	26.52	/	/	<=30	Pass
		Edge_1RB_Right	21.35	/	/	26.48	/	/	<=30	Pass
		Outer_Full	21.36	/	/	26.49	/	/	<=30	Pass
		Inner_Full	22.28	/	/	27.41	/	/	<=30	Pass
		Inner_1RB_Left	22.06	/	/	27.19	/	/	<=30	Pass
		Inner_1RB_Right	22.27	/	/	27.4	/	/	<=30	Pass
	1765	Edge_1RB_Left	21.40	/	/	26.53	/	/	<=30	Pass
		Edge_1RB_Right	21.28	/	/	26.41	/	/	<=30	Pass
		Outer_Full	21.43	/	/	26.56	/	/	<=30	Pass
		Inner_Full	22.46	/	/	27.59	/	/	<=30	Pass
		Inner_1RB_Left	22.21	/	/	27.34	/	/	<=30	Pass
		Inner_1RB_Right	22.19	/	/	27.32	/	/	<=30	Pass
CP-OFDM 64 QAM	1725	Edge_1RB_Left	20.84	/	/	25.97	/	/	<=30	Pass
		Edge_1RB_Right	20.87	/	/	26	/	/	<=30	Pass
		Outer_Full	20.91	/	/	26.04	/	/	<=30	Pass
		Inner_Full	20.91	/	/	26.04	/	/	<=30	Pass
		Inner_1RB_Left	20.62	/	/	25.75	/	/	<=30	Pass
		Inner_1RB_Right	21.03	/	/	26.16	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.97	/	/	26.1	/	/	<=30	Pass
		Edge_1RB_Right	21.41	/	/	26.54	/	/	<=30	Pass
		Outer_Full	20.84	/	/	25.97	/	/	<=30	Pass
		Inner_Full	20.79	/	/	25.92	/	/	<=30	Pass
		Inner_1RB_Left	20.57	/	/	25.7	/	/	<=30	Pass
		Inner_1RB_Right	20.97	/	/	26.1	/	/	<=30	Pass
	1765	Edge_1RB_Left	20.75	/	/	25.88	/	/	<=30	Pass
		Edge_1RB_Right	20.97	/	/	26.1	/	/	<=30	Pass
		Outer_Full	20.98	/	/	26.11	/	/	<=30	Pass
		Inner_Full	21.04	/	/	26.17	/	/	<=30	Pass
		Inner_1RB_Left	20.87	/	/	26	/	/	<=30	Pass
		Inner_1RB_Right	20.99	/	/	26.12	/	/	<=30	Pass
CP-OFDM 256 QAM	1725	Edge_1RB_Left	17.72	/	/	22.85	/	/	<=30	Pass
		Edge_1RB_Right	17.97	/	/	23.1	/	/	<=30	Pass
		Outer_Full	17.89	/	/	23.02	/	/	<=30	Pass



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		Inner_Full	17.94	/	/	23.07	/	/	<=30	Pass
		Inner_1RB_Left	17.68	/	/	22.81	/	/	<=30	Pass
		Inner_1RB_Right	17.87	/	/	23	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.91	/	/	23.04	/	/	<=30	Pass
		Edge_1RB_Right	18.20	/	/	23.33	/	/	<=30	Pass
		Outer_Full	17.79	/	/	22.92	/	/	<=30	Pass
		Inner_Full	17.78	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Left	18.00	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	17.96	/	/	23.09	/	/	<=30	Pass
	1765	Edge_1RB_Left	17.84	/	/	22.97	/	/	<=30	Pass
		Edge_1RB_Right	17.89	/	/	23.02	/	/	<=30	Pass
		Outer_Full	18.03	/	/	23.16	/	/	<=30	Pass
		Inner_Full	17.95	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Left	17.86	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Right	18.20	/	/	23.33	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: 5.13dBi;  
Note2: EIRP=Conducted Power+Antenna Gain

### 1.1.6 15k\_SISO\_40MHz\_NTNV\_EIRP

5G NR n66 SCS=15kHz 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	1730	Edge_1RB_Left	23.11	/	/	28.24	/	/	<=30	Pass
		Edge_1RB_Right	23.10	/	/	28.23	/	/	<=30	Pass
		Outer_Full	23.32	/	/	28.45	/	/	<=30	Pass
		Inner_Full	23.49	/	/	28.62	/	/	<=30	Pass
		Inner_1RB_Left	23.17	/	/	28.3	/	/	<=30	Pass
		Inner_1RB_Right	23.09	/	/	28.22	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.43	/	/	28.56	/	/	<=30	Pass
		Edge_1RB_Right	23.34	/	/	28.47	/	/	<=30	Pass
		Outer_Full	23.38	/	/	28.51	/	/	<=30	Pass
		Inner_Full	23.36	/	/	28.49	/	/	<=30	Pass
		Inner_1RB_Left	23.37	/	/	28.5	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	28.55	/	/	<=30	Pass
	1760	Edge_1RB_Left	23.09	/	/	28.22	/	/	<=30	Pass
		Edge_1RB_Right	23.30	/	/	28.43	/	/	<=30	Pass
		Outer_Full	23.27	/	/	28.4	/	/	<=30	Pass



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DFT-s-OFDM QPSK		Inner_Full	23.36	/	/	28.49	/	/	<=30	Pass
		Inner_1RB_Left	23.15	/	/	28.28	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	28.51	/	/	<=30	Pass
	1730	Edge_1RB_Left	23.13	/	/	28.26	/	/	<=30	Pass
		Edge_1RB_Right	23.15	/	/	28.28	/	/	<=30	Pass
		Outer_Full	23.33	/	/	28.46	/	/	<=30	Pass
		Inner_Full	23.38	/	/	28.51	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	28.27	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	28.27	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.26	/	/	28.39	/	/	<=30	Pass
		Edge_1RB_Right	23.45	/	/	28.58	/	/	<=30	Pass
		Outer_Full	23.41	/	/	28.54	/	/	<=30	Pass
		Inner_Full	23.36	/	/	28.49	/	/	<=30	Pass
		Inner_1RB_Left	23.43	/	/	28.56	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	28.5	/	/	<=30	Pass
	1760	Edge_1RB_Left	23.04	/	/	28.17	/	/	<=30	Pass
		Edge_1RB_Right	23.27	/	/	28.4	/	/	<=30	Pass
		Outer_Full	23.36	/	/	28.49	/	/	<=30	Pass
		Inner_Full	23.39	/	/	28.52	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	28.43	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	28.49	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1730	Edge_1RB_Left	22.01	/	/	27.14	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	27.3	/	/	<=30	Pass
		Outer_Full	22.37	/	/	27.5	/	/	<=30	Pass
		Inner_Full	23.48	/	/	28.61	/	/	<=30	Pass
		Inner_1RB_Left	23.05	/	/	28.18	/	/	<=30	Pass
		Inner_1RB_Right	23.12	/	/	28.25	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.03	/	/	27.16	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	27.6	/	/	<=30	Pass
		Outer_Full	22.40	/	/	27.53	/	/	<=30	Pass
		Inner_Full	23.23	/	/	28.36	/	/	<=30	Pass
		Inner_1RB_Left	23.15	/	/	28.28	/	/	<=30	Pass
		Inner_1RB_Right	23.17	/	/	28.3	/	/	<=30	Pass
	1760	Edge_1RB_Left	22.03	/	/	27.16	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	27.39	/	/	<=30	Pass
		Outer_Full	22.42	/	/	27.55	/	/	<=30	Pass
		Inner_Full	23.41	/	/	28.54	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	28.31	/	/	<=30	Pass



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		Inner_1RB_Right	23.25	/	/	28.38	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1730	Edge_1RB_Left	21.83	/	/	26.96	/	/	<=30	Pass
		Edge_1RB_Right	21.54	/	/	26.67	/	/	<=30	Pass
		Outer_Full	21.92	/	/	27.05	/	/	<=30	Pass
		Inner_Full	21.93	/	/	27.06	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	26.86	/	/	<=30	Pass
		Inner_1RB_Right	21.73	/	/	26.86	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.95	/	/	27.08	/	/	<=30	Pass
		Edge_1RB_Right	21.92	/	/	27.05	/	/	<=30	Pass
		Outer_Full	21.89	/	/	27.02	/	/	<=30	Pass
		Inner_Full	21.73	/	/	26.86	/	/	<=30	Pass
		Inner_1RB_Left	21.72	/	/	26.85	/	/	<=30	Pass
		Inner_1RB_Right	22.03	/	/	27.16	/	/	<=30	Pass
	1760	Edge_1RB_Left	21.78	/	/	26.91	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	26.83	/	/	<=30	Pass
		Outer_Full	21.95	/	/	27.08	/	/	<=30	Pass
		Inner_Full	21.84	/	/	26.97	/	/	<=30	Pass
		Inner_1RB_Left	21.69	/	/	26.82	/	/	<=30	Pass
		Inner_1RB_Right	21.85	/	/	26.98	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1730	Edge_1RB_Left	19.91	/	/	25.04	/	/	<=30	Pass
		Edge_1RB_Right	19.88	/	/	25.01	/	/	<=30	Pass
		Outer_Full	19.93	/	/	25.06	/	/	<=30	Pass
		Inner_Full	19.92	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Left	19.46	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	20.05	/	/	25.18	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.82	/	/	24.95	/	/	<=30	Pass
		Edge_1RB_Right	19.99	/	/	25.12	/	/	<=30	Pass
		Outer_Full	19.89	/	/	25.02	/	/	<=30	Pass
		Inner_Full	19.77	/	/	24.9	/	/	<=30	Pass
		Inner_1RB_Left	20.00	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Right	20.00	/	/	25.13	/	/	<=30	Pass
	1760	Edge_1RB_Left	19.78	/	/	24.91	/	/	<=30	Pass
		Edge_1RB_Right	19.83	/	/	24.96	/	/	<=30	Pass
		Outer_Full	19.91	/	/	25.04	/	/	<=30	Pass
		Inner_Full	19.83	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Left	19.57	/	/	24.7	/	/	<=30	Pass
		Inner_1RB_Right	20.13	/	/	25.26	/	/	<=30	Pass
CP-OFDM QPSK	1730	Edge_1RB_Left	21.14	/	/	26.27	/	/	<=30	Pass



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		Edge_1RB_Right	21.09	/	/	26.22	/	/	<=30	Pass
		Outer_Full	21.42	/	/	26.55	/	/	<=30	Pass
		Inner_Full	22.88	/	/	28.01	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	27.64	/	/	<=30	Pass
		Inner_1RB_Right	22.64	/	/	27.77	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.34	/	/	26.47	/	/	<=30	Pass
		Edge_1RB_Right	21.39	/	/	26.52	/	/	<=30	Pass
		Outer_Full	21.47	/	/	26.6	/	/	<=30	Pass
		Inner_Full	22.78	/	/	27.91	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	27.93	/	/	<=30	Pass
		Inner_1RB_Right	22.91	/	/	28.04	/	/	<=30	Pass
	1760	Edge_1RB_Left	21.04	/	/	26.17	/	/	<=30	Pass
		Edge_1RB_Right	21.32	/	/	26.45	/	/	<=30	Pass
		Outer_Full	21.42	/	/	26.55	/	/	<=30	Pass
		Inner_Full	22.84	/	/	27.97	/	/	<=30	Pass
		Inner_1RB_Left	22.70	/	/	27.83	/	/	<=30	Pass
		Inner_1RB_Right	23.00	/	/	28.13	/	/	<=30	Pass
CP-OFDM 16 QAM	1730	Edge_1RB_Left	21.02	/	/	26.15	/	/	<=30	Pass
		Edge_1RB_Right	21.20	/	/	26.33	/	/	<=30	Pass
		Outer_Full	21.32	/	/	26.45	/	/	<=30	Pass
		Inner_Full	22.41	/	/	27.54	/	/	<=30	Pass
		Inner_1RB_Left	21.97	/	/	27.1	/	/	<=30	Pass
		Inner_1RB_Right	22.30	/	/	27.43	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.54	/	/	26.67	/	/	<=30	Pass
		Edge_1RB_Right	21.65	/	/	26.78	/	/	<=30	Pass
		Outer_Full	21.41	/	/	26.54	/	/	<=30	Pass
		Inner_Full	22.29	/	/	27.42	/	/	<=30	Pass
		Inner_1RB_Left	22.27	/	/	27.4	/	/	<=30	Pass
		Inner_1RB_Right	22.63	/	/	27.76	/	/	<=30	Pass
	1760	Edge_1RB_Left	21.23	/	/	26.36	/	/	<=30	Pass
		Edge_1RB_Right	21.02	/	/	26.15	/	/	<=30	Pass
		Outer_Full	21.38	/	/	26.51	/	/	<=30	Pass
		Inner_Full	22.38	/	/	27.51	/	/	<=30	Pass
		Inner_1RB_Left	22.16	/	/	27.29	/	/	<=30	Pass
		Inner_1RB_Right	22.46	/	/	27.59	/	/	<=30	Pass
CP-OFDM 64 QAM	1730	Edge_1RB_Left	20.82	/	/	25.95	/	/	<=30	Pass
		Edge_1RB_Right	20.88	/	/	26.01	/	/	<=30	Pass
		Outer_Full	20.85	/	/	25.98	/	/	<=30	Pass



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		Inner_Full	20.91	/	/	26.04	/	/	<=30	Pass
		Inner_1RB_Left	20.57	/	/	25.7	/	/	<=30	Pass
		Inner_1RB_Right	20.87	/	/	26	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.89	/	/	26.02	/	/	<=30	Pass
		Edge_1RB_Right	20.97	/	/	26.1	/	/	<=30	Pass
		Outer_Full	20.87	/	/	26	/	/	<=30	Pass
		Inner_Full	20.76	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Left	21.09	/	/	26.22	/	/	<=30	Pass
		Inner_1RB_Right	20.81	/	/	25.94	/	/	<=30	Pass
	1760	Edge_1RB_Left	20.98	/	/	26.11	/	/	<=30	Pass
		Edge_1RB_Right	21.06	/	/	26.19	/	/	<=30	Pass
		Outer_Full	20.85	/	/	25.98	/	/	<=30	Pass
		Inner_Full	20.89	/	/	26.02	/	/	<=30	Pass
		Inner_1RB_Left	20.77	/	/	25.9	/	/	<=30	Pass
		Inner_1RB_Right	20.82	/	/	25.95	/	/	<=30	Pass
CP-OFDM 256 QAM	1730	Edge_1RB_Left	17.63	/	/	22.76	/	/	<=30	Pass
		Edge_1RB_Right	17.93	/	/	23.06	/	/	<=30	Pass
		Outer_Full	17.86	/	/	22.99	/	/	<=30	Pass
		Inner_Full	17.91	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Left	17.59	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Right	17.97	/	/	23.1	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.88	/	/	23.01	/	/	<=30	Pass
		Edge_1RB_Right	17.95	/	/	23.08	/	/	<=30	Pass
		Outer_Full	17.91	/	/	23.04	/	/	<=30	Pass
		Inner_Full	17.88	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Left	17.98	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	18.03	/	/	23.16	/	/	<=30	Pass
	1760	Edge_1RB_Left	17.96	/	/	23.09	/	/	<=30	Pass
		Edge_1RB_Right	17.78	/	/	22.91	/	/	<=30	Pass
		Outer_Full	17.93	/	/	23.06	/	/	<=30	Pass
		Inner_Full	17.89	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Left	17.62	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Right	17.97	/	/	23.1	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 5.13dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										





### 2. Frequency Stability

#### 2.1 Test Result

##### 2.1.1 15k\_SISO\_40MHz

5G NR n66 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	1745	Outer_Full	20	LV	-8.20	-0.0047	>=-2.5 & <=2.5	Pass
				HV	-10.60	-0.0061	>=-2.5 & <=2.5	Pass
			-30	NV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-0.50	-0.0003	>=-2.5 & <=2.5	Pass
			-10	NV	-5.30	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-2.50	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-6.90	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-6.10	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-4.60	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	-3.80	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-1.40	-0.0008	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-5.80	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-2.90	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-5.90	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-3.60	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-5.90	-0.0034	>=-2.5 & <=2.5	Pass
			20	NV	-8.70	-0.0050	>=-2.5 & <=2.5	Pass
			30	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	2.50	0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	20	LV	-3.60	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-4.10	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-9.50	-0.0054	>=-2.5 & <=2.5	Pass
			-20	NV	-3.00	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-4.60	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-1.60	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass



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			20	NV	-10.60	-0.0061	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	-4.90	-0.0028	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	-8.40	-0.0048	$\geq -2.5$ & $\leq 2.5$	Pass
			50	NV	-1.60	-0.0009	$\geq -2.5$ & $\leq 2.5$	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	20	LV	-3.20	-0.0018	$\geq -2.5$ & $\leq 2.5$	Pass
				HV	-4.10	-0.0023	$\geq -2.5$ & $\leq 2.5$	Pass
			-30	NV	-3.00	-0.0017	$\geq -2.5$ & $\leq 2.5$	Pass
			-20	NV	-8.00	-0.0046	$\geq -2.5$ & $\leq 2.5$	Pass
			-10	NV	-6.80	-0.0039	$\geq -2.5$ & $\leq 2.5$	Pass
			0	NV	-7.90	-0.0045	$\geq -2.5$ & $\leq 2.5$	Pass
			10	NV	-4.40	-0.0025	$\geq -2.5$ & $\leq 2.5$	Pass
			20	NV	-2.60	-0.0015	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	-3.60	-0.0021	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	-2.60	-0.0015	$\geq -2.5$ & $\leq 2.5$	Pass
			50	NV	-6.20	-0.0036	$\geq -2.5$ & $\leq 2.5$	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	20	LV	-2.90	-0.0017	$\geq -2.5$ & $\leq 2.5$	Pass
				HV	-3.50	-0.0020	$\geq -2.5$ & $\leq 2.5$	Pass
			-30	NV	-2.40	-0.0014	$\geq -2.5$ & $\leq 2.5$	Pass
			-20	NV	-5.20	-0.0030	$\geq -2.5$ & $\leq 2.5$	Pass
			-10	NV	1.10	0.0006	$\geq -2.5$ & $\leq 2.5$	Pass
			0	NV	-3.30	-0.0019	$\geq -2.5$ & $\leq 2.5$	Pass
			10	NV	-4.20	-0.0024	$\geq -2.5$ & $\leq 2.5$	Pass
			20	NV	-3.50	-0.0020	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	-7.20	-0.0041	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	-5.30	-0.0030	$\geq -2.5$ & $\leq 2.5$	Pass
CP-OFDM QPSK	1745	Outer_Full	20	LV	-3.20	-0.0018	$\geq -2.5$ & $\leq 2.5$	Pass
				HV	-7.30	-0.0042	$\geq -2.5$ & $\leq 2.5$	Pass
			-30	NV	-9.80	-0.0056	$\geq -2.5$ & $\leq 2.5$	Pass
			-20	NV	-5.70	-0.0033	$\geq -2.5$ & $\leq 2.5$	Pass
			-10	NV	-3.90	-0.0022	$\geq -2.5$ & $\leq 2.5$	Pass
			0	NV	-1.80	-0.0010	$\geq -2.5$ & $\leq 2.5$	Pass
			10	NV	-9.80	-0.0056	$\geq -2.5$ & $\leq 2.5$	Pass
			20	NV	-10.80	-0.0062	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	-3.80	-0.0022	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	-4.10	-0.0023	$\geq -2.5$ & $\leq 2.5$	Pass
CP-OFDM 16 QAM	1745	Outer_Full	20	LV	-6.00	-0.0034	$\geq -2.5$ & $\leq 2.5$	Pass



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				HV	-5.10	-0.0029	$\geq -2.5$ & $\leq 2.5$	Pass
			-30	NV	2.40	0.0014	$\geq -2.5$ & $\leq 2.5$	Pass
			-20	NV	-3.20	-0.0018	$\geq -2.5$ & $\leq 2.5$	Pass
			-10	NV	-6.90	-0.0040	$\geq -2.5$ & $\leq 2.5$	Pass
			0	NV	-6.00	-0.0034	$\geq -2.5$ & $\leq 2.5$	Pass
			10	NV	-6.60	-0.0038	$\geq -2.5$ & $\leq 2.5$	Pass
			20	NV	-3.60	-0.0021	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	-2.80	-0.0016	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	-5.10	-0.0029	$\geq -2.5$ & $\leq 2.5$	Pass
			50	NV	-4.20	-0.0024	$\geq -2.5$ & $\leq 2.5$	Pass
CP-OFDM 64 QAM	1745	Outer_Full	20	LV	-5.00	-0.0029	$\geq -2.5$ & $\leq 2.5$	Pass
				HV	-5.30	-0.0030	$\geq -2.5$ & $\leq 2.5$	Pass
			-30	NV	-3.90	-0.0022	$\geq -2.5$ & $\leq 2.5$	Pass
			-20	NV	-5.90	-0.0034	$\geq -2.5$ & $\leq 2.5$	Pass
			-10	NV	-8.80	-0.0050	$\geq -2.5$ & $\leq 2.5$	Pass
			0	NV	-4.40	-0.0025	$\geq -2.5$ & $\leq 2.5$	Pass
			10	NV	-5.70	-0.0033	$\geq -2.5$ & $\leq 2.5$	Pass
			20	NV	-3.90	-0.0022	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	-5.30	-0.0030	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	-4.00	-0.0023	$\geq -2.5$ & $\leq 2.5$	Pass
CP-OFDM 256 QAM	1745	Outer_Full	20	LV	-6.80	-0.0039	$\geq -2.5$ & $\leq 2.5$	Pass
				HV	-6.20	-0.0036	$\geq -2.5$ & $\leq 2.5$	Pass
			-30	NV	-8.00	-0.0046	$\geq -2.5$ & $\leq 2.5$	Pass
			-20	NV	-8.40	-0.0048	$\geq -2.5$ & $\leq 2.5$	Pass
			-10	NV	-5.80	-0.0033	$\geq -2.5$ & $\leq 2.5$	Pass
			0	NV	-1.70	-0.0010	$\geq -2.5$ & $\leq 2.5$	Pass
			10	NV	-4.60	-0.0026	$\geq -2.5$ & $\leq 2.5$	Pass
			20	NV	-5.40	-0.0031	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	-7.10	-0.0041	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	-4.90	-0.0028	$\geq -2.5$ & $\leq 2.5$	Pass
			50	NV	-6.70	-0.0038	$\geq -2.5$ & $\leq 2.5$	Pass

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result



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

5G NR n66 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	1712.5	Outer_Full	4.57	5.27	/	Pass
	1745	Outer_Full	4.57	5.32	/	Pass
	1777.5	Outer_Full	4.57	5.25	/	Pass
DFT-s-OFDM QPSK	1712.5	Outer_Full	4.57	5.41	/	Pass
	1745	Outer_Full	4.60	5.36	/	Pass
	1777.5	Outer_Full	4.56	5.39	/	Pass
DFT-s-OFDM 16 QAM	1712.5	Outer_Full	4.58	5.31	/	Pass
	1745	Outer_Full	4.57	5.40	/	Pass
	1777.5	Outer_Full	4.58	5.29	/	Pass
DFT-s-OFDM 64 QAM	1712.5	Outer_Full	4.57	5.42	/	Pass
	1745	Outer_Full	4.56	5.42	/	Pass
	1777.5	Outer_Full	4.58	5.41	/	Pass
DFT-s-OFDM 256 QAM	1712.5	Outer_Full	4.59	5.34	/	Pass
	1745	Outer_Full	4.58	5.37	/	Pass
	1777.5	Outer_Full	4.57	5.44	/	Pass
CP-OFDM QPSK	1712.5	Outer_Full	4.57	5.38	/	Pass
	1745	Outer_Full	4.57	5.41	/	Pass
	1777.5	Outer_Full	4.55	5.38	/	Pass
CP-OFDM 16 QAM	1712.5	Outer_Full	4.56	5.42	/	Pass
	1745	Outer_Full	4.51	5.20	/	Pass
	1777.5	Outer_Full	4.56	5.34	/	Pass
CP-OFDM 64 QAM	1712.5	Outer_Full	4.59	5.32	/	Pass
	1745	Outer_Full	4.57	5.41	/	Pass
	1777.5	Outer_Full	4.57	5.36	/	Pass
CP-OFDM 256 QAM	1712.5	Outer_Full	4.58	5.33	/	Pass
	1745	Outer_Full	4.56	5.36	/	Pass
	1777.5	Outer_Full	4.56	5.40	/	Pass

### 3.1.2 15k\_SISO\_10MHz\_NTNV

5G NR n66 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict



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DFT-s-OFDM PI/2 BPSK	1715	Outer_Full	9.08	9.94	/	Pass
	1745	Outer_Full	9.10	9.96	/	Pass
	1775	Outer_Full	9.08	10.05	/	Pass
DFT-s-OFDM QPSK	1715	Outer_Full	9.06	10.02	/	Pass
	1745	Outer_Full	9.09	10.04	/	Pass
	1775	Outer_Full	9.06	10.09	/	Pass
DFT-s-OFDM 16 QAM	1715	Outer_Full	9.08	10.11	/	Pass
	1745	Outer_Full	9.07	10.06	/	Pass
	1775	Outer_Full	9.07	10.11	/	Pass
DFT-s-OFDM 64 QAM	1715	Outer_Full	9.07	9.99	/	Pass
	1745	Outer_Full	9.08	10.10	/	Pass
	1775	Outer_Full	9.10	10.05	/	Pass
DFT-s-OFDM 256 QAM	1715	Outer_Full	9.05	9.75	/	Pass
	1745	Outer_Full	9.10	10.07	/	Pass
	1775	Outer_Full	9.07	10.12	/	Pass
CP-OFDM QPSK	1715	Outer_Full	9.39	10.42	/	Pass
	1745	Outer_Full	9.43	10.39	/	Pass
	1775	Outer_Full	9.41	10.48	/	Pass
CP-OFDM 16 QAM	1715	Outer_Full	9.41	10.39	/	Pass
	1745	Outer_Full	9.42	10.38	/	Pass
	1775	Outer_Full	9.42	10.47	/	Pass
CP-OFDM 64 QAM	1715	Outer_Full	9.41	10.56	/	Pass
	1745	Outer_Full	9.41	10.43	/	Pass
	1775	Outer_Full	9.40	10.46	/	Pass
CP-OFDM 256 QAM	1715	Outer_Full	9.39	10.40	/	Pass
	1745	Outer_Full	9.39	10.34	/	Pass
	1775	Outer_Full	9.41	10.30	/	Pass

### 3.1.3 15k\_SISO\_15MHz\_NTNV

5G NR n66 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1717.5	Outer_Full	13.64	14.77	/	Pass
	1745	Outer_Full	13.60	14.85	/	Pass
	1772.5	Outer_Full	13.61	14.79	/	Pass
DFT-s-OFDM QPSK	1717.5	Outer_Full	13.60	14.92	/	Pass
	1745	Outer_Full	13.66	14.73	/	Pass



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	1772.5	Outer_Full	13.57	14.86	/	Pass
DFT-s-OFDM 16 QAM	1717.5	Outer_Full	13.63	14.89	/	Pass
	1745	Outer_Full	13.57	14.86	/	Pass
	1772.5	Outer_Full	13.58	14.77	/	Pass
DFT-s-OFDM 64 QAM	1717.5	Outer_Full	13.60	14.96	/	Pass
	1745	Outer_Full	13.60	14.90	/	Pass
	1772.5	Outer_Full	13.58	14.78	/	Pass
DFT-s-OFDM 256 QAM	1717.5	Outer_Full	13.58	14.82	/	Pass
	1745	Outer_Full	13.58	14.85	/	Pass
	1772.5	Outer_Full	13.58	14.81	/	Pass
CP-OFDM QPSK	1717.5	Outer_Full	14.27	15.47	/	Pass
	1745	Outer_Full	14.26	15.49	/	Pass
	1772.5	Outer_Full	14.26	15.53	/	Pass
CP-OFDM 16 QAM	1717.5	Outer_Full	14.31	15.58	/	Pass
	1745	Outer_Full	14.28	15.54	/	Pass
	1772.5	Outer_Full	14.27	15.55	/	Pass
CP-OFDM 64 QAM	1717.5	Outer_Full	14.28	15.51	/	Pass
	1745	Outer_Full	14.32	15.58	/	Pass
	1772.5	Outer_Full	14.27	15.51	/	Pass
CP-OFDM 256 QAM	1717.5	Outer_Full	14.23	15.49	/	Pass
	1745	Outer_Full	14.26	15.48	/	Pass
	1772.5	Outer_Full	14.27	15.42	/	Pass

### 3.1.4 15k\_SISO\_20MHz\_NTNV

5G NR n66 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1720	Outer_Full	18.12	19.53	/	Pass
	1745	Outer_Full	18.12	19.53	/	Pass
	1770	Outer_Full	18.11	19.46	/	Pass
DFT-s-OFDM QPSK	1720	Outer_Full	18.23	19.46	/	Pass
	1745	Outer_Full	18.12	19.60	/	Pass
	1770	Outer_Full	18.09	19.47	/	Pass
DFT-s-OFDM 16 QAM	1720	Outer_Full	18.10	19.57	/	Pass
	1745	Outer_Full	18.12	19.66	/	Pass
	1770	Outer_Full	18.08	19.59	/	Pass
DFT-s-OFDM 64 QAM	1720	Outer_Full	18.11	19.61	/	Pass



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DFT-s-OFDM 256 QAM	1745	Outer_Full	18.10	19.55	/	Pass
	1770	Outer_Full	18.04	19.54	/	Pass
	1720	Outer_Full	17.91	19.07	/	Pass
	1745	Outer_Full	18.04	19.24	/	Pass
	1770	Outer_Full	18.07	19.66	/	Pass
CP-OFDM QPSK	1720	Outer_Full	19.09	20.55	/	Pass
	1745	Outer_Full	19.17	21.50	/	Pass
	1770	Outer_Full	19.11	20.69	/	Pass
CP-OFDM 16 QAM	1720	Outer_Full	19.16	21.16	/	Pass
	1745	Outer_Full	19.17	21.32	/	Pass
	1770	Outer_Full	19.11	20.70	/	Pass
CP-OFDM 64 QAM	1720	Outer_Full	19.15	20.92	/	Pass
	1745	Outer_Full	19.17	21.29	/	Pass
	1770	Outer_Full	19.08	20.68	/	Pass
CP-OFDM 256 QAM	1720	Outer_Full	19.15	20.62	/	Pass
	1745	Outer_Full	19.12	20.60	/	Pass
	1770	Outer_Full	19.14	20.57	/	Pass

### 3.1.5 15k\_SISO\_30MHz\_NTNV

5G NR n66 SCS=15kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1725	Outer_Full	28.89	30.72	/	Pass
	1745	Outer_Full	28.91	30.83	/	Pass
	1765	Outer_Full	28.84	30.81	/	Pass
DFT-s-OFDM QPSK	1725	Outer_Full	29.14	30.88	/	Pass
	1745	Outer_Full	28.90	30.87	/	Pass
	1765	Outer_Full	28.81	30.93	/	Pass
DFT-s-OFDM 16 QAM	1725	Outer_Full	28.90	30.83	/	Pass
	1745	Outer_Full	28.88	30.98	/	Pass
	1765	Outer_Full	28.88	30.79	/	Pass
DFT-s-OFDM 64 QAM	1725	Outer_Full	28.87	30.85	/	Pass
	1745	Outer_Full	28.88	30.89	/	Pass
	1765	Outer_Full	28.85	30.85	/	Pass
DFT-s-OFDM 256 QAM	1725	Outer_Full	28.84	30.80	/	Pass
	1745	Outer_Full	28.83	30.27	/	Pass
	1765	Outer_Full	28.86	30.78	/	Pass



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CP-OFDM QPSK	1725	Outer_Full	28.81	32.57	/	Pass
	1745	Outer_Full	28.93	30.80	/	Pass
	1765	Outer_Full	28.78	30.77	/	Pass
CP-OFDM 16 QAM	1725	Outer_Full	28.84	32.01	/	Pass
	1745	Outer_Full	28.95	33.73	/	Pass
	1765	Outer_Full	28.81	33.20	/	Pass
CP-OFDM 64 QAM	1725	Outer_Full	28.82	32.37	/	Pass
	1745	Outer_Full	28.92	33.74	/	Pass
	1765	Outer_Full	28.84	32.92	/	Pass
CP-OFDM 256 QAM	1725	Outer_Full	28.79	30.85	/	Pass
	1745	Outer_Full	28.91	30.89	/	Pass
	1765	Outer_Full	28.75	30.82	/	Pass

## 3.1.6 15k\_SISO\_40MHz\_NTNV

5G NR n66 SCS=15kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1730	Outer_Full	39.31	41.44	/	Pass
	1745	Outer_Full	38.95	41.39	/	Pass
	1760	Outer_Full	38.95	41.39	/	Pass
DFT-s-OFDM QPSK	1730	Outer_Full	38.86	41.54	/	Pass
	1745	Outer_Full	38.95	41.56	/	Pass
	1760	Outer_Full	38.89	41.55	/	Pass
DFT-s-OFDM 16 QAM	1730	Outer_Full	38.84	41.42	/	Pass
	1745	Outer_Full	39.02	41.53	/	Pass
	1760	Outer_Full	38.80	41.47	/	Pass
DFT-s-OFDM 64 QAM	1730	Outer_Full	38.87	41.46	/	Pass
	1745	Outer_Full	38.94	41.51	/	Pass
	1760	Outer_Full	38.89	41.52	/	Pass
DFT-s-OFDM 256 QAM	1730	Outer_Full	38.86	41.56	/	Pass
	1745	Outer_Full	38.91	41.55	/	Pass
	1760	Outer_Full	38.87	41.51	/	Pass
CP-OFDM QPSK	1730	Outer_Full	38.87	41.51	/	Pass
	1745	Outer_Full	38.96	41.61	/	Pass
	1760	Outer_Full	38.90	41.58	/	Pass
CP-OFDM 16 QAM	1730	Outer_Full	38.87	41.55	/	Pass
	1745	Outer_Full	38.91	41.60	/	Pass



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	1760	Outer_Full	39.23	41.24	/	Pass
CP-OFDM 64 QAM	1730	Outer_Full	38.87	41.54	/	Pass
	1745	Outer_Full	38.95	41.55	/	Pass
	1760	Outer_Full	38.83	41.58	/	Pass
CP-OFDM 256 QAM	1730	Outer_Full	38.82	41.44	/	Pass
	1745	Outer_Full	39.01	41.47	/	Pass
	1760	Outer_Full	38.84	41.40	/	Pass



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