

# Appendix C.7

## NR 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	22.54	/	/	25.53	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	25.46	/	/	<=30	Pass
		Outer_Full	22.52	/	/	25.51	/	/	<=30	Pass
		Inner_Full	22.61	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	25.48	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.55	/	/	25.54	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	25.40	/	/	<=30	Pass
		Outer_Full	22.48	/	/	25.47	/	/	<=30	Pass
		Inner_Full	22.50	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Left	22.49	/	/	25.48	/	/	<=30	Pass
		Inner_1RB_Right	22.41	/	/	25.40	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	22.37	/	/	25.36	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	25.40	/	/	<=30	Pass
		Outer_Full	22.34	/	/	25.33	/	/	<=30	Pass
		Inner_Full	22.44	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Left	22.35	/	/	25.34	/	/	<=30	Pass
		Inner_1RB_Right	22.45	/	/	25.44	/	/	<=30	Pass
DFT-s-OFDM QPSK	1712.5	Edge_1RB_Left	22.37	/	/	25.36	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	25.44	/	/	<=30	Pass
		Outer_Full	22.58	/	/	25.57	/	/	<=30	Pass
		Inner_Full	22.58	/	/	25.57	/	/	<=30	Pass
		Inner_1RB_Left	22.58	/	/	25.57	/	/	<=30	Pass
		Inner_1RB_Right	22.53	/	/	25.52	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.45	/	/	25.44	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	25.45	/	/	<=30	Pass
		Outer_Full	22.54	/	/	25.53	/	/	<=30	Pass
		Inner_Full	22.46	/	/	25.45	/	/	<=30	Pass
		Inner_1RB_Left	22.56	/	/	25.55	/	/	<=30	Pass



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	1777.5	Inner_1RB_Right	22.43	/	/	25.42	/	/	<=30	Pass
		Edge_1RB_Left	22.24	/	/	25.23	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	25.38	/	/	<=30	Pass
		Outer_Full	22.40	/	/	25.39	/	/	<=30	Pass
		Inner_Full	22.44	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Left	22.29	/	/	25.28	/	/	<=30	Pass
		Inner_1RB_Right	22.39	/	/	25.38	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1712.5	Edge_1RB_Left	21.60	/	/	24.59	/	/	<=30	Pass
		Edge_1RB_Right	21.45	/	/	24.44	/	/	<=30	Pass
		Outer_Full	21.49	/	/	24.48	/	/	<=30	Pass
		Inner_Full	22.49	/	/	25.48	/	/	<=30	Pass
		Inner_1RB_Left	22.36	/	/	25.35	/	/	<=30	Pass
		Inner_1RB_Right	22.69	/	/	25.68	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.55	/	/	24.54	/	/	<=30	Pass
		Edge_1RB_Right	21.23	/	/	24.22	/	/	<=30	Pass
		Outer_Full	21.44	/	/	24.43	/	/	<=30	Pass
		Inner_Full	22.49	/	/	25.48	/	/	<=30	Pass
		Inner_1RB_Left	22.43	/	/	25.42	/	/	<=30	Pass
		Inner_1RB_Right	22.38	/	/	25.37	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	21.36	/	/	24.35	/	/	<=30	Pass
		Edge_1RB_Right	21.40	/	/	24.39	/	/	<=30	Pass
		Outer_Full	21.31	/	/	24.30	/	/	<=30	Pass
		Inner_Full	22.44	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Left	22.25	/	/	25.24	/	/	<=30	Pass
		Inner_1RB_Right	22.36	/	/	25.35	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1712.5	Edge_1RB_Left	20.89	/	/	23.88	/	/	<=30	Pass
		Edge_1RB_Right	20.94	/	/	23.93	/	/	<=30	Pass
		Outer_Full	20.92	/	/	23.91	/	/	<=30	Pass
		Inner_Full	21.01	/	/	24.00	/	/	<=30	Pass
		Inner_1RB_Left	20.83	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Right	21.02	/	/	24.01	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.91	/	/	23.90	/	/	<=30	Pass
		Edge_1RB_Right	20.86	/	/	23.85	/	/	<=30	Pass
		Outer_Full	20.93	/	/	23.92	/	/	<=30	Pass
		Inner_Full	20.90	/	/	23.89	/	/	<=30	Pass
		Inner_1RB_Left	21.07	/	/	24.06	/	/	<=30	Pass
		Inner_1RB_Right	20.88	/	/	23.87	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	20.75	/	/	23.74	/	/	<=30	Pass



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		Edge_1RB_Right	20.80	/	/	23.79	/	/	<=30	Pass
		Outer_Full	20.88	/	/	23.87	/	/	<=30	Pass
		Inner_Full	20.90	/	/	23.89	/	/	<=30	Pass
		Inner_1RB_Left	20.75	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Right	20.97	/	/	23.96	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1712.5	Edge_1RB_Left	18.93	/	/	21.92	/	/	<=30	Pass
		Edge_1RB_Right	18.96	/	/	21.95	/	/	<=30	Pass
		Outer_Full	19.06	/	/	22.05	/	/	<=30	Pass
		Inner_Full	18.87	/	/	21.86	/	/	<=30	Pass
		Inner_1RB_Left	19.15	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Right	19.03	/	/	22.02	/	/	<=30	Pass
	1745	Edge_1RB_Left	18.93	/	/	21.92	/	/	<=30	Pass
		Edge_1RB_Right	18.86	/	/	21.85	/	/	<=30	Pass
		Outer_Full	18.86	/	/	21.85	/	/	<=30	Pass
		Inner_Full	18.86	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Left	19.03	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Right	19.01	/	/	22.00	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	18.72	/	/	21.71	/	/	<=30	Pass
		Edge_1RB_Right	18.78	/	/	21.77	/	/	<=30	Pass
		Outer_Full	18.90	/	/	21.89	/	/	<=30	Pass
		Inner_Full	18.86	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Left	18.83	/	/	21.82	/	/	<=30	Pass
		Inner_1RB_Right	18.89	/	/	21.88	/	/	<=30	Pass
CP-OFDM QPSK	1712.5	Edge_1RB_Left	20.64	/	/	23.63	/	/	<=30	Pass
		Edge_1RB_Right	20.43	/	/	23.42	/	/	<=30	Pass
		Outer_Full	20.58	/	/	23.57	/	/	<=30	Pass
		Inner_Full	22.15	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Left	22.05	/	/	25.04	/	/	<=30	Pass
		Inner_1RB_Right	21.97	/	/	24.96	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.56	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	20.44	/	/	23.43	/	/	<=30	Pass
		Outer_Full	20.43	/	/	23.42	/	/	<=30	Pass
		Inner_Full	22.06	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Left	21.90	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Right	21.80	/	/	24.79	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	20.24	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Right	20.40	/	/	23.39	/	/	<=30	Pass
		Outer_Full	20.41	/	/	23.40	/	/	<=30	Pass



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CP-OFDM 16 QAM		Inner_Full	21.85	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	24.86	/	/	<=30	Pass
	1712.5	Edge_1RB_Left	20.16	/	/	23.15	/	/	<=30	Pass
		Edge_1RB_Right	20.45	/	/	23.44	/	/	<=30	Pass
		Outer_Full	20.58	/	/	23.57	/	/	<=30	Pass
		Inner_Full	21.64	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Left	21.27	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Right	21.48	/	/	24.47	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.62	/	/	23.61	/	/	<=30	Pass
		Edge_1RB_Right	20.59	/	/	23.58	/	/	<=30	Pass
		Outer_Full	20.49	/	/	23.48	/	/	<=30	Pass
		Inner_Full	21.66	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Right	21.39	/	/	24.38	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	20.05	/	/	23.04	/	/	<=30	Pass
		Edge_1RB_Right	20.61	/	/	23.60	/	/	<=30	Pass
		Outer_Full	20.39	/	/	23.38	/	/	<=30	Pass
		Inner_Full	21.39	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Left	21.20	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Right	21.56	/	/	24.55	/	/	<=30	Pass
CP-OFDM 64 QAM	1712.5	Edge_1RB_Left	20.07	/	/	23.06	/	/	<=30	Pass
		Edge_1RB_Right	20.13	/	/	23.12	/	/	<=30	Pass
		Outer_Full	20.11	/	/	23.10	/	/	<=30	Pass
		Inner_Full	19.95	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Left	19.98	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Right	20.23	/	/	23.22	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.11	/	/	23.10	/	/	<=30	Pass
		Edge_1RB_Right	19.90	/	/	22.89	/	/	<=30	Pass
		Outer_Full	19.94	/	/	22.93	/	/	<=30	Pass
		Inner_Full	19.89	/	/	22.88	/	/	<=30	Pass
		Inner_1RB_Left	20.05	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	20.09	/	/	23.08	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	19.79	/	/	22.78	/	/	<=30	Pass
		Edge_1RB_Right	19.90	/	/	22.89	/	/	<=30	Pass
		Outer_Full	19.86	/	/	22.85	/	/	<=30	Pass
		Inner_Full	19.86	/	/	22.85	/	/	<=30	Pass
		Inner_1RB_Left	19.85	/	/	22.84	/	/	<=30	Pass



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		Inner_1RB_Right	20.04	/	/	23.03	/	/	<=30	Pass
CP-OFDM 256 QAM	1712.5	Edge_1RB_Left	17.19	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	17.04	/	/	20.03	/	/	<=30	Pass
		Outer_Full	17.06	/	/	20.05	/	/	<=30	Pass
		Inner_Full	17.16	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Left	17.18	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Right	17.30	/	/	20.29	/	/	<=30	Pass
	1745	Edge_1RB_Left	16.96	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	16.82	/	/	19.81	/	/	<=30	Pass
		Outer_Full	17.07	/	/	20.06	/	/	<=30	Pass
		Inner_Full	17.02	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Left	17.07	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Right	16.91	/	/	19.90	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	16.64	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	16.90	/	/	19.89	/	/	<=30	Pass
		Outer_Full	16.89	/	/	19.88	/	/	<=30	Pass
		Inner_Full	16.91	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Left	17.01	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Right	16.89	/	/	19.88	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: 2.99dBi;

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	22.68	/	/	25.67	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	25.61	/	/	<=30	Pass
		Outer_Full	22.59	/	/	25.58	/	/	<=30	Pass
		Inner_Full	22.60	/	/	25.59	/	/	<=30	Pass
		Inner_1RB_Left	22.73	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Right	22.54	/	/	25.53	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.50	/	/	25.49	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	25.34	/	/	<=30	Pass
		Outer_Full	22.52	/	/	25.51	/	/	<=30	Pass
		Inner_Full	22.50	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	25.60	/	/	<=30	Pass



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	1775	Inner_1RB_Right	22.36	/	/	25.35	/	/	<=30	Pass
		Edge_1RB_Left	22.31	/	/	25.30	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	25.45	/	/	<=30	Pass
		Outer_Full	22.36	/	/	25.35	/	/	<=30	Pass
		Inner_Full	22.37	/	/	25.36	/	/	<=30	Pass
		Inner_1RB_Left	22.28	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	25.48	/	/	<=30	Pass
DFT-s-OFDM QPSK	1715	Edge_1RB_Left	22.43	/	/	25.42	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	25.48	/	/	<=30	Pass
		Outer_Full	22.67	/	/	25.66	/	/	<=30	Pass
		Inner_Full	22.62	/	/	25.61	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Right	22.62	/	/	25.61	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.63	/	/	25.62	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	25.23	/	/	<=30	Pass
		Outer_Full	22.57	/	/	25.56	/	/	<=30	Pass
		Inner_Full	22.57	/	/	25.56	/	/	<=30	Pass
		Inner_1RB_Left	22.65	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Right	22.35	/	/	25.34	/	/	<=30	Pass
	1775	Edge_1RB_Left	22.18	/	/	25.17	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	25.29	/	/	<=30	Pass
		Outer_Full	22.34	/	/	25.33	/	/	<=30	Pass
		Inner_Full	22.41	/	/	25.40	/	/	<=30	Pass
		Inner_1RB_Left	22.21	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Right	22.38	/	/	25.37	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1715	Edge_1RB_Left	21.64	/	/	24.63	/	/	<=30	Pass
		Edge_1RB_Right	21.35	/	/	24.34	/	/	<=30	Pass
		Outer_Full	21.59	/	/	24.58	/	/	<=30	Pass
		Inner_Full	22.55	/	/	25.54	/	/	<=30	Pass
		Inner_1RB_Left	22.58	/	/	25.57	/	/	<=30	Pass
		Inner_1RB_Right	22.74	/	/	25.73	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.67	/	/	24.66	/	/	<=30	Pass
		Edge_1RB_Right	21.35	/	/	24.34	/	/	<=30	Pass
		Outer_Full	21.46	/	/	24.45	/	/	<=30	Pass
		Inner_Full	22.43	/	/	25.42	/	/	<=30	Pass
		Inner_1RB_Left	22.68	/	/	25.67	/	/	<=30	Pass
		Inner_1RB_Right	22.38	/	/	25.37	/	/	<=30	Pass
	1775	Edge_1RB_Left	21.31	/	/	24.30	/	/	<=30	Pass



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DFT-s-OFDM 64 QAM		Edge_1RB_Right	21.40	/	/	24.39	/	/	<=30	Pass
		Outer_Full	21.41	/	/	24.40	/	/	<=30	Pass
		Inner_Full	22.40	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Left	22.57	/	/	25.56	/	/	<=30	Pass
		Inner_1RB_Right	22.43	/	/	25.42	/	/	<=30	Pass
	1715	Edge_1RB_Left	20.95	/	/	23.94	/	/	<=30	Pass
		Edge_1RB_Right	21.22	/	/	24.21	/	/	<=30	Pass
		Outer_Full	21.03	/	/	24.02	/	/	<=30	Pass
		Inner_Full	21.10	/	/	24.09	/	/	<=30	Pass
		Inner_1RB_Left	21.06	/	/	24.05	/	/	<=30	Pass
		Inner_1RB_Right	21.03	/	/	24.02	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.81	/	/	23.80	/	/	<=30	Pass
		Edge_1RB_Right	20.86	/	/	23.85	/	/	<=30	Pass
		Outer_Full	21.00	/	/	23.99	/	/	<=30	Pass
		Inner_Full	20.94	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Left	21.34	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Right	20.92	/	/	23.91	/	/	<=30	Pass
DFT-s-OFDM 256 QAM		Edge_1RB_Left	20.84	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	20.97	/	/	23.96	/	/	<=30	Pass
		Outer_Full	20.89	/	/	23.88	/	/	<=30	Pass
		Inner_Full	20.90	/	/	23.89	/	/	<=30	Pass
		Inner_1RB_Left	20.93	/	/	23.92	/	/	<=30	Pass
		Inner_1RB_Right	20.97	/	/	23.96	/	/	<=30	Pass
	1715	Edge_1RB_Left	19.06	/	/	22.05	/	/	<=30	Pass
		Edge_1RB_Right	19.02	/	/	22.01	/	/	<=30	Pass
		Outer_Full	19.15	/	/	22.14	/	/	<=30	Pass
		Inner_Full	19.14	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Left	19.20	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Right	19.15	/	/	22.14	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.12	/	/	22.11	/	/	<=30	Pass
		Edge_1RB_Right	18.91	/	/	21.90	/	/	<=30	Pass
		Outer_Full	18.97	/	/	21.96	/	/	<=30	Pass
		Inner_Full	19.00	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Left	19.04	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Right	18.91	/	/	21.90	/	/	<=30	Pass
	1775	Edge_1RB_Left	18.80	/	/	21.79	/	/	<=30	Pass
		Edge_1RB_Right	19.30	/	/	22.29	/	/	<=30	Pass
		Outer_Full	18.88	/	/	21.87	/	/	<=30	Pass



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CP-OFDM QPSK		Inner_Full	18.87	/	/	21.86	/	/	<=30	Pass
		Inner_1RB_Left	18.49	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Right	19.00	/	/	21.99	/	/	<=30	Pass
	1715	Edge_1RB_Left	20.37	/	/	23.36	/	/	<=30	Pass
		Edge_1RB_Right	20.56	/	/	23.55	/	/	<=30	Pass
		Outer_Full	20.63	/	/	23.62	/	/	<=30	Pass
		Inner_Full	22.17	/	/	25.16	/	/	<=30	Pass
		Inner_1RB_Left	22.19	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Right	21.98	/	/	24.97	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.48	/	/	23.47	/	/	<=30	Pass
		Edge_1RB_Right	20.25	/	/	23.24	/	/	<=30	Pass
		Outer_Full	20.62	/	/	23.61	/	/	<=30	Pass
		Inner_Full	22.01	/	/	25.00	/	/	<=30	Pass
		Inner_1RB_Left	22.13	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Right	21.76	/	/	24.75	/	/	<=30	Pass
	1775	Edge_1RB_Left	20.18	/	/	23.17	/	/	<=30	Pass
		Edge_1RB_Right	20.37	/	/	23.36	/	/	<=30	Pass
		Outer_Full	20.38	/	/	23.37	/	/	<=30	Pass
		Inner_Full	21.85	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Left	22.06	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Right	21.91	/	/	24.90	/	/	<=30	Pass
CP-OFDM 16 QAM	1715	Edge_1RB_Left	20.66	/	/	23.65	/	/	<=30	Pass
		Edge_1RB_Right	20.44	/	/	23.43	/	/	<=30	Pass
		Outer_Full	20.64	/	/	23.63	/	/	<=30	Pass
		Inner_Full	21.67	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Right	21.51	/	/	24.50	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.47	/	/	23.46	/	/	<=30	Pass
		Edge_1RB_Right	20.51	/	/	23.50	/	/	<=30	Pass
		Outer_Full	20.55	/	/	23.54	/	/	<=30	Pass
		Inner_Full	21.58	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Right	21.32	/	/	24.31	/	/	<=30	Pass
	1775	Edge_1RB_Left	20.47	/	/	23.46	/	/	<=30	Pass
		Edge_1RB_Right	20.37	/	/	23.36	/	/	<=30	Pass
		Outer_Full	20.38	/	/	23.37	/	/	<=30	Pass
		Inner_Full	21.38	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Left	21.12	/	/	24.11	/	/	<=30	Pass



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		Inner_1RB_Right	21.48	/	/	24.47	/	/	<=30	Pass
CP-OFDM 64 QAM	1715	Edge_1RB_Left	19.77	/	/	22.76	/	/	<=30	Pass
		Edge_1RB_Right	20.07	/	/	23.06	/	/	<=30	Pass
		Outer_Full	20.18	/	/	23.17	/	/	<=30	Pass
		Inner_Full	20.10	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	20.11	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Right	20.03	/	/	23.02	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.06	/	/	23.05	/	/	<=30	Pass
		Edge_1RB_Right	19.48	/	/	22.47	/	/	<=30	Pass
		Outer_Full	20.00	/	/	22.99	/	/	<=30	Pass
		Inner_Full	19.97	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Left	20.06	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	19.67	/	/	22.66	/	/	<=30	Pass
	1775	Edge_1RB_Left	19.68	/	/	22.67	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	22.88	/	/	<=30	Pass
		Outer_Full	19.90	/	/	22.89	/	/	<=30	Pass
		Inner_Full	19.85	/	/	22.84	/	/	<=30	Pass
		Inner_1RB_Left	19.81	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Right	20.01	/	/	23.00	/	/	<=30	Pass
CP-OFDM 256 QAM	1715	Edge_1RB_Left	16.80	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	17.07	/	/	20.06	/	/	<=30	Pass
		Outer_Full	17.19	/	/	20.18	/	/	<=30	Pass
		Inner_Full	17.22	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Left	17.11	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Right	17.18	/	/	20.17	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.01	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	16.81	/	/	19.80	/	/	<=30	Pass
		Outer_Full	17.03	/	/	20.02	/	/	<=30	Pass
		Inner_Full	17.02	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Left	17.11	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Right	16.74	/	/	19.73	/	/	<=30	Pass
	1775	Edge_1RB_Left	16.91	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	17.04	/	/	20.03	/	/	<=30	Pass
		Outer_Full	16.83	/	/	19.82	/	/	<=30	Pass
		Inner_Full	16.87	/	/	19.86	/	/	<=30	Pass
		Inner_1RB_Left	16.90	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Right	16.95	/	/	19.94	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: 2.99dBi;



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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	22.68	/	/	25.67	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	25.74	/	/	<=30	Pass
		Outer_Full	22.74	/	/	25.73	/	/	<=30	Pass
		Inner_Full	22.67	/	/	25.66	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	25.72	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.82	/	/	25.81	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	25.38	/	/	<=30	Pass
		Outer_Full	22.62	/	/	25.61	/	/	<=30	Pass
		Inner_Full	22.64	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Left	22.73	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Right	22.37	/	/	25.36	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	22.13	/	/	25.12	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	25.51	/	/	<=30	Pass
		Outer_Full	22.34	/	/	25.33	/	/	<=30	Pass
		Inner_Full	22.30	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Left	22.13	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Right	22.48	/	/	25.47	/	/	<=30	Pass
DFT-s-OFDM QPSK	1717.5	Edge_1RB_Left	22.68	/	/	25.67	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	25.74	/	/	<=30	Pass
		Outer_Full	22.77	/	/	25.76	/	/	<=30	Pass
		Inner_Full	22.79	/	/	25.78	/	/	<=30	Pass
		Inner_1RB_Left	22.71	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Right	22.72	/	/	25.71	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.77	/	/	25.76	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	25.26	/	/	<=30	Pass
		Outer_Full	22.68	/	/	25.67	/	/	<=30	Pass
		Inner_Full	22.59	/	/	25.58	/	/	<=30	Pass
		Inner_1RB_Left	22.83	/	/	25.82	/	/	<=30	Pass
		Inner_1RB_Right	22.39	/	/	25.38	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	22.15	/	/	25.14	/	/	<=30	Pass



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Shenzhen Branch

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		Edge_1RB_Right	22.41	/	/	25.40	/	/	<=30	Pass
		Outer_Full	22.30	/	/	25.29	/	/	<=30	Pass
		Inner_Full	22.33	/	/	25.32	/	/	<=30	Pass
		Inner_1RB_Left	22.13	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Right	22.48	/	/	25.47	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1717.5	Edge_1RB_Left	21.74	/	/	24.73	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	24.65	/	/	<=30	Pass
		Outer_Full	21.69	/	/	24.68	/	/	<=30	Pass
		Inner_Full	22.65	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Left	22.60	/	/	25.59	/	/	<=30	Pass
		Inner_1RB_Right	22.80	/	/	25.79	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.77	/	/	24.76	/	/	<=30	Pass
		Edge_1RB_Right	21.29	/	/	24.28	/	/	<=30	Pass
		Outer_Full	21.63	/	/	24.62	/	/	<=30	Pass
		Inner_Full	22.65	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Left	22.63	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Right	22.14	/	/	25.13	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	21.35	/	/	24.34	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	24.67	/	/	<=30	Pass
		Outer_Full	21.36	/	/	24.35	/	/	<=30	Pass
		Inner_Full	22.36	/	/	25.35	/	/	<=30	Pass
		Inner_1RB_Left	22.23	/	/	25.22	/	/	<=30	Pass
		Inner_1RB_Right	22.43	/	/	25.42	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1717.5	Edge_1RB_Left	21.45	/	/	24.44	/	/	<=30	Pass
		Edge_1RB_Right	21.01	/	/	24.00	/	/	<=30	Pass
		Outer_Full	21.22	/	/	24.21	/	/	<=30	Pass
		Inner_Full	21.21	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Left	21.21	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Right	21.12	/	/	24.11	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.35	/	/	24.34	/	/	<=30	Pass
		Edge_1RB_Right	20.75	/	/	23.74	/	/	<=30	Pass
		Outer_Full	21.18	/	/	24.17	/	/	<=30	Pass
		Inner_Full	21.22	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Left	21.34	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Right	20.88	/	/	23.87	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	20.81	/	/	23.80	/	/	<=30	Pass
		Edge_1RB_Right	20.99	/	/	23.98	/	/	<=30	Pass
		Outer_Full	20.87	/	/	23.86	/	/	<=30	Pass





DFT-s-OFDM 256 QAM		Inner_Full	20.82	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Left	20.77	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Right	20.94	/	/	23.93	/	/	<=30	Pass
	1717.5	Edge_1RB_Left	18.90	/	/	21.89	/	/	<=30	Pass
		Edge_1RB_Right	19.26	/	/	22.25	/	/	<=30	Pass
		Outer_Full	19.14	/	/	22.13	/	/	<=30	Pass
		Inner_Full	19.17	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Left	19.25	/	/	22.24	/	/	<=30	Pass
		Inner_1RB_Right	19.20	/	/	22.19	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.21	/	/	22.20	/	/	<=30	Pass
		Edge_1RB_Right	18.88	/	/	21.87	/	/	<=30	Pass
		Outer_Full	19.13	/	/	22.12	/	/	<=30	Pass
		Inner_Full	19.08	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Left	19.40	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Right	18.91	/	/	21.90	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	18.43	/	/	21.42	/	/	<=30	Pass
		Edge_1RB_Right	18.94	/	/	21.93	/	/	<=30	Pass
		Outer_Full	18.88	/	/	21.87	/	/	<=30	Pass
		Inner_Full	18.78	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	18.58	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Right	19.19	/	/	22.18	/	/	<=30	Pass
CP-OFDM QPSK	1717.5	Edge_1RB_Left	20.72	/	/	23.71	/	/	<=30	Pass
		Edge_1RB_Right	20.74	/	/	23.73	/	/	<=30	Pass
		Outer_Full	20.73	/	/	23.72	/	/	<=30	Pass
		Inner_Full	22.28	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Left	22.11	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	22.21	/	/	25.20	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.96	/	/	23.95	/	/	<=30	Pass
		Edge_1RB_Right	20.26	/	/	23.25	/	/	<=30	Pass
		Outer_Full	20.60	/	/	23.59	/	/	<=30	Pass
		Inner_Full	22.13	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Left	22.28	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Right	21.82	/	/	24.81	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	20.10	/	/	23.09	/	/	<=30	Pass
		Edge_1RB_Right	20.49	/	/	23.48	/	/	<=30	Pass
		Outer_Full	20.36	/	/	23.35	/	/	<=30	Pass
		Inner_Full	21.86	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	24.61	/	/	<=30	Pass



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		Inner_1RB_Right	21.93	/	/	24.92	/	/	<=30	Pass
CP-OFDM 16 QAM	1717.5	Edge_1RB_Left	20.64	/	/	23.63	/	/	<=30	Pass
		Edge_1RB_Right	20.87	/	/	23.86	/	/	<=30	Pass
		Outer_Full	20.76	/	/	23.75	/	/	<=30	Pass
		Inner_Full	21.64	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Left	21.78	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Right	21.73	/	/	24.72	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.85	/	/	23.84	/	/	<=30	Pass
		Edge_1RB_Right	20.45	/	/	23.44	/	/	<=30	Pass
		Outer_Full	20.64	/	/	23.63	/	/	<=30	Pass
		Inner_Full	21.59	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Left	21.87	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Right	21.08	/	/	24.07	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	20.16	/	/	23.15	/	/	<=30	Pass
		Edge_1RB_Right	20.34	/	/	23.33	/	/	<=30	Pass
		Outer_Full	20.38	/	/	23.37	/	/	<=30	Pass
		Inner_Full	21.35	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Left	21.23	/	/	24.22	/	/	<=30	Pass
		Inner_1RB_Right	21.44	/	/	24.43	/	/	<=30	Pass
CP-OFDM 64 QAM	1717.5	Edge_1RB_Left	20.14	/	/	23.13	/	/	<=30	Pass
		Edge_1RB_Right	20.56	/	/	23.55	/	/	<=30	Pass
		Outer_Full	20.27	/	/	23.26	/	/	<=30	Pass
		Inner_Full	20.19	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Left	20.36	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Right	20.27	/	/	23.26	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.39	/	/	23.38	/	/	<=30	Pass
		Edge_1RB_Right	19.99	/	/	22.98	/	/	<=30	Pass
		Outer_Full	20.21	/	/	23.20	/	/	<=30	Pass
		Inner_Full	20.16	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Left	20.48	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	19.80	/	/	22.79	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	19.76	/	/	22.75	/	/	<=30	Pass
		Edge_1RB_Right	20.09	/	/	23.08	/	/	<=30	Pass
		Outer_Full	19.90	/	/	22.89	/	/	<=30	Pass
		Inner_Full	19.89	/	/	22.88	/	/	<=30	Pass
		Inner_1RB_Left	19.79	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Right	19.94	/	/	22.93	/	/	<=30	Pass
CP-OFDM 256 QAM	1717.5	Edge_1RB_Left	17.36	/	/	20.35	/	/	<=30	Pass



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		Edge_1RB_Right	17.62	/	/	20.61	/	/	<=30	Pass
		Outer_Full	17.29	/	/	20.28	/	/	<=30	Pass
		Inner_Full	17.24	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Left	17.39	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Right	17.44	/	/	20.43	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.35	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	16.81	/	/	19.80	/	/	<=30	Pass
		Outer_Full	17.17	/	/	20.16	/	/	<=30	Pass
		Inner_Full	17.17	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Left	17.30	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Right	16.83	/	/	19.82	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	16.96	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	17.13	/	/	20.12	/	/	<=30	Pass
		Outer_Full	16.87	/	/	19.86	/	/	<=30	Pass
		Inner_Full	16.82	/	/	19.81	/	/	<=30	Pass
		Inner_1RB_Left	16.72	/	/	19.71	/	/	<=30	Pass
		Inner_1RB_Right	17.53	/	/	20.52	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.99dBi;										
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	22.72	/	/	25.71	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	25.74	/	/	<=30	Pass
		Outer_Full	22.77	/	/	25.76	/	/	<=30	Pass
		Inner_Full	22.74	/	/	25.73	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Right	22.75	/	/	25.74	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.83	/	/	25.82	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	25.33	/	/	<=30	Pass
		Outer_Full	22.64	/	/	25.63	/	/	<=30	Pass
		Inner_Full	22.65	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Left	22.86	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Right	22.32	/	/	25.31	/	/	<=30	Pass
	1770	Edge_1RB_Left	22.14	/	/	25.13	/	/	<=30	Pass



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		Edge_1RB_Right	22.49	/	/	25.48	/	/	<=30	Pass
		Outer_Full	22.27	/	/	25.26	/	/	<=30	Pass
		Inner_Full	22.39	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Left	22.12	/	/	25.11	/	/	<=30	Pass
		Inner_1RB_Right	22.44	/	/	25.43	/	/	<=30	Pass
DFT-s-OFDM QPSK	1720	Edge_1RB_Left	22.64	/	/	25.63	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	25.72	/	/	<=30	Pass
		Outer_Full	22.83	/	/	25.82	/	/	<=30	Pass
		Inner_Full	22.73	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	25.72	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.91	/	/	25.90	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	25.28	/	/	<=30	Pass
		Outer_Full	22.70	/	/	25.69	/	/	<=30	Pass
		Inner_Full	22.70	/	/	25.69	/	/	<=30	Pass
		Inner_1RB_Left	22.84	/	/	25.83	/	/	<=30	Pass
		Inner_1RB_Right	22.27	/	/	25.26	/	/	<=30	Pass
	1770	Edge_1RB_Left	22.09	/	/	25.08	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	25.49	/	/	<=30	Pass
		Outer_Full	22.37	/	/	25.36	/	/	<=30	Pass
		Inner_Full	22.40	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Left	22.09	/	/	25.08	/	/	<=30	Pass
		Inner_1RB_Right	22.50	/	/	25.49	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1720	Edge_1RB_Left	21.54	/	/	24.53	/	/	<=30	Pass
		Edge_1RB_Right	21.43	/	/	24.42	/	/	<=30	Pass
		Outer_Full	21.69	/	/	24.68	/	/	<=30	Pass
		Inner_Full	22.66	/	/	25.65	/	/	<=30	Pass
		Inner_1RB_Left	22.82	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	25.72	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.75	/	/	24.74	/	/	<=30	Pass
		Edge_1RB_Right	21.26	/	/	24.25	/	/	<=30	Pass
		Outer_Full	21.72	/	/	24.71	/	/	<=30	Pass
		Inner_Full	22.69	/	/	25.68	/	/	<=30	Pass
		Inner_1RB_Left	22.82	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Right	22.35	/	/	25.34	/	/	<=30	Pass
	1770	Edge_1RB_Left	21.16	/	/	24.15	/	/	<=30	Pass
		Edge_1RB_Right	21.58	/	/	24.57	/	/	<=30	Pass
		Outer_Full	21.31	/	/	24.30	/	/	<=30	Pass



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DFT-s-OFDM 64 QAM		Inner_Full	22.41	/	/	25.40	/	/	<=30	Pass
		Inner_1RB_Left	22.36	/	/	25.35	/	/	<=30	Pass
		Inner_1RB_Right	22.42	/	/	25.41	/	/	<=30	Pass
	1720	Edge_1RB_Left	21.36	/	/	24.35	/	/	<=30	Pass
		Edge_1RB_Right	21.18	/	/	24.17	/	/	<=30	Pass
		Outer_Full	21.19	/	/	24.18	/	/	<=30	Pass
		Inner_Full	21.18	/	/	24.17	/	/	<=30	Pass
		Inner_1RB_Left	21.19	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Right	21.39	/	/	24.38	/	/	<=30	Pass
		Edge_1RB_Left	21.32	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Right	20.67	/	/	23.66	/	/	<=30	Pass
	1745	Outer_Full	21.21	/	/	24.20	/	/	<=30	Pass
		Inner_Full	21.17	/	/	24.16	/	/	<=30	Pass
		Inner_1RB_Left	21.17	/	/	24.16	/	/	<=30	Pass
		Inner_1RB_Right	20.80	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Left	20.73	/	/	23.72	/	/	<=30	Pass
		Edge_1RB_Right	20.93	/	/	23.92	/	/	<=30	Pass
	1770	Outer_Full	20.85	/	/	23.84	/	/	<=30	Pass
		Inner_Full	20.88	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Left	20.61	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Right	21.07	/	/	24.06	/	/	<=30	Pass
		Edge_1RB_Left	19.34	/	/	22.33	/	/	<=30	Pass
		Edge_1RB_Right	19.37	/	/	22.36	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1720	Outer_Full	19.27	/	/	22.26	/	/	<=30	Pass
		Inner_Full	19.22	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Left	19.36	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Right	19.30	/	/	22.29	/	/	<=30	Pass
		Edge_1RB_Left	19.38	/	/	22.37	/	/	<=30	Pass
		Edge_1RB_Right	18.88	/	/	21.87	/	/	<=30	Pass
	1745	Outer_Full	19.11	/	/	22.10	/	/	<=30	Pass
		Inner_Full	19.16	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Left	19.29	/	/	22.28	/	/	<=30	Pass
		Inner_1RB_Right	18.86	/	/	21.85	/	/	<=30	Pass
		Edge_1RB_Left	18.73	/	/	21.72	/	/	<=30	Pass
		Edge_1RB_Right	19.00	/	/	21.99	/	/	<=30	Pass
	1770	Outer_Full	18.77	/	/	21.76	/	/	<=30	Pass
		Inner_Full	18.81	/	/	21.80	/	/	<=30	Pass
		Inner_1RB_Left	18.70	/	/	21.69	/	/	<=30	Pass



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		Inner_1RB_Right	18.92	/	/	21.91	/	/	<=30	Pass
CP-OFDM QPSK	1720	Edge_1RB_Left	20.77	/	/	23.76	/	/	<=30	Pass
		Edge_1RB_Right	20.67	/	/	23.66	/	/	<=30	Pass
		Outer_Full	20.80	/	/	23.79	/	/	<=30	Pass
		Inner_Full	22.19	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Left	22.25	/	/	25.24	/	/	<=30	Pass
		Inner_1RB_Right	22.07	/	/	25.06	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.71	/	/	23.70	/	/	<=30	Pass
		Edge_1RB_Right	20.26	/	/	23.25	/	/	<=30	Pass
		Outer_Full	20.65	/	/	23.64	/	/	<=30	Pass
		Inner_Full	22.19	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Left	22.32	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Right	21.75	/	/	24.74	/	/	<=30	Pass
	1770	Edge_1RB_Left	20.09	/	/	23.08	/	/	<=30	Pass
		Edge_1RB_Right	20.63	/	/	23.62	/	/	<=30	Pass
		Outer_Full	20.34	/	/	23.33	/	/	<=30	Pass
		Inner_Full	21.82	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Right	21.86	/	/	24.85	/	/	<=30	Pass
CP-OFDM 16 QAM	1720	Edge_1RB_Left	20.66	/	/	23.65	/	/	<=30	Pass
		Edge_1RB_Right	21.00	/	/	23.99	/	/	<=30	Pass
		Outer_Full	20.76	/	/	23.75	/	/	<=30	Pass
		Inner_Full	21.61	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Left	21.66	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Right	21.81	/	/	24.80	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.86	/	/	23.85	/	/	<=30	Pass
		Edge_1RB_Right	20.47	/	/	23.46	/	/	<=30	Pass
		Outer_Full	20.64	/	/	23.63	/	/	<=30	Pass
		Inner_Full	21.60	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Left	21.57	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Right	21.19	/	/	24.18	/	/	<=30	Pass
	1770	Edge_1RB_Left	19.95	/	/	22.94	/	/	<=30	Pass
		Edge_1RB_Right	20.62	/	/	23.61	/	/	<=30	Pass
		Outer_Full	20.30	/	/	23.29	/	/	<=30	Pass
		Inner_Full	21.26	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Left	21.06	/	/	24.05	/	/	<=30	Pass
		Inner_1RB_Right	21.34	/	/	24.33	/	/	<=30	Pass
CP-OFDM 64 QAM	1720	Edge_1RB_Left	20.23	/	/	23.22	/	/	<=30	Pass



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		Edge_1RB_Right	20.42	/	/	23.41	/	/	<=30	Pass	
		Outer_Full	20.33	/	/	23.32	/	/	<=30	Pass	
		Inner_Full	20.16	/	/	23.15	/	/	<=30	Pass	
		Inner_1RB_Left	20.51	/	/	23.50	/	/	<=30	Pass	
		Inner_1RB_Right	20.25	/	/	23.24	/	/	<=30	Pass	
	1745	Edge_1RB_Left	20.30	/	/	23.29	/	/	<=30	Pass	
		Edge_1RB_Right	19.67	/	/	22.66	/	/	<=30	Pass	
		Outer_Full	20.12	/	/	23.11	/	/	<=30	Pass	
		Inner_Full	20.14	/	/	23.13	/	/	<=30	Pass	
		Inner_1RB_Left	20.48	/	/	23.47	/	/	<=30	Pass	
	1770	Inner_1RB_Right	19.97	/	/	22.96	/	/	<=30	Pass	
		Edge_1RB_Left	19.74	/	/	22.73	/	/	<=30	Pass	
		Edge_1RB_Right	20.21	/	/	23.20	/	/	<=30	Pass	
		Outer_Full	19.81	/	/	22.80	/	/	<=30	Pass	
		Inner_Full	19.78	/	/	22.77	/	/	<=30	Pass	
	CP-OFDM 256 QAM	1720	Inner_1RB_Left	19.60	/	/	22.59	/	/	<=30	Pass
			Inner_1RB_Right	20.09	/	/	23.08	/	/	<=30	Pass
			Edge_1RB_Left	17.26	/	/	20.25	/	/	<=30	Pass
Edge_1RB_Right			17.28	/	/	20.27	/	/	<=30	Pass	
Outer_Full			17.27	/	/	20.26	/	/	<=30	Pass	
Inner_Full			17.24	/	/	20.23	/	/	<=30	Pass	
1745		Inner_1RB_Left	17.43	/	/	20.42	/	/	<=30	Pass	
		Inner_1RB_Right	17.21	/	/	20.20	/	/	<=30	Pass	
		Edge_1RB_Left	17.44	/	/	20.43	/	/	<=30	Pass	
		Edge_1RB_Right	17.10	/	/	20.09	/	/	<=30	Pass	
		Outer_Full	17.20	/	/	20.19	/	/	<=30	Pass	
		Inner_Full	17.21	/	/	20.20	/	/	<=30	Pass	
1770		Inner_1RB_Left	17.47	/	/	20.46	/	/	<=30	Pass	
		Inner_1RB_Right	16.69	/	/	19.68	/	/	<=30	Pass	
		Edge_1RB_Left	16.75	/	/	19.74	/	/	<=30	Pass	
		Edge_1RB_Right	16.95	/	/	19.94	/	/	<=30	Pass	
		Outer_Full	16.80	/	/	19.79	/	/	<=30	Pass	
		Inner_Full	16.79	/	/	19.78	/	/	<=30	Pass	
	Inner_1RB_Left	16.52	/	/	19.51	/	/	<=30	Pass		
	Inner_1RB_Right	16.86	/	/	19.85	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1:2.99dBi;											
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	22.73	/	/	25.72	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	25.77	/	/	<=30	Pass
		Outer_Full	22.86	/	/	25.85	/	/	<=30	Pass
		Inner_Full	22.84	/	/	25.83	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	25.78	/	/	<=30	Pass
		Inner_1RB_Right	22.79	/	/	25.78	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.80	/	/	25.79	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	25.26	/	/	<=30	Pass
		Outer_Full	22.67	/	/	25.66	/	/	<=30	Pass
		Inner_Full	22.66	/	/	25.65	/	/	<=30	Pass
		Inner_1RB_Left	22.78	/	/	25.77	/	/	<=30	Pass
		Inner_1RB_Right	22.16	/	/	25.15	/	/	<=30	Pass
	1765	Edge_1RB_Left	22.46	/	/	25.45	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	25.52	/	/	<=30	Pass
		Outer_Full	22.37	/	/	25.36	/	/	<=30	Pass
		Inner_Full	22.32	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Left	22.46	/	/	25.45	/	/	<=30	Pass
		Inner_1RB_Right	22.51	/	/	25.50	/	/	<=30	Pass
DFT-s-OFDM QPSK	1725	Edge_1RB_Left	22.68	/	/	25.67	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	25.71	/	/	<=30	Pass
		Outer_Full	22.80	/	/	25.79	/	/	<=30	Pass
		Inner_Full	22.81	/	/	25.80	/	/	<=30	Pass
		Inner_1RB_Left	22.77	/	/	25.76	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	25.72	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.76	/	/	25.75	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	25.22	/	/	<=30	Pass
		Outer_Full	22.66	/	/	25.65	/	/	<=30	Pass
		Inner_Full	22.66	/	/	25.65	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	25.73	/	/	<=30	Pass
		Inner_1RB_Right	22.23	/	/	25.22	/	/	<=30	Pass
	1765	Edge_1RB_Left	22.32	/	/	25.31	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	25.47	/	/	<=30	Pass
		Outer_Full	22.41	/	/	25.40	/	/	<=30	Pass



DFT-s-OFDM 16 QAM		Inner_Full	22.32	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Right	22.60	/	/	25.59	/	/	<=30	Pass
	1725	Edge_1RB_Left	21.70	/	/	24.69	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	24.67	/	/	<=30	Pass
		Outer_Full	21.75	/	/	24.74	/	/	<=30	Pass
		Inner_Full	22.77	/	/	25.76	/	/	<=30	Pass
		Inner_1RB_Left	22.65	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Right	22.65	/	/	25.64	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.71	/	/	24.70	/	/	<=30	Pass
		Edge_1RB_Right	21.17	/	/	24.16	/	/	<=30	Pass
		Outer_Full	21.70	/	/	24.69	/	/	<=30	Pass
		Inner_Full	22.72	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Left	22.50	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Right	22.03	/	/	25.02	/	/	<=30	Pass
	1765	Edge_1RB_Left	21.40	/	/	24.39	/	/	<=30	Pass
		Edge_1RB_Right	21.53	/	/	24.52	/	/	<=30	Pass
		Outer_Full	21.36	/	/	24.35	/	/	<=30	Pass
		Inner_Full	22.33	/	/	25.32	/	/	<=30	Pass
		Inner_1RB_Left	22.34	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	25.48	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1725	Edge_1RB_Left	21.14	/	/	24.13	/	/	<=30	Pass
		Edge_1RB_Right	21.19	/	/	24.18	/	/	<=30	Pass
		Outer_Full	21.38	/	/	24.37	/	/	<=30	Pass
		Inner_Full	21.32	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Left	21.23	/	/	24.22	/	/	<=30	Pass
		Inner_1RB_Right	21.29	/	/	24.28	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.03	/	/	24.02	/	/	<=30	Pass
		Edge_1RB_Right	20.67	/	/	23.66	/	/	<=30	Pass
		Outer_Full	21.17	/	/	24.16	/	/	<=30	Pass
		Inner_Full	21.20	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Left	21.08	/	/	24.07	/	/	<=30	Pass
		Inner_1RB_Right	20.82	/	/	23.81	/	/	<=30	Pass
	1765	Edge_1RB_Left	20.93	/	/	23.92	/	/	<=30	Pass
		Edge_1RB_Right	21.02	/	/	24.01	/	/	<=30	Pass
		Outer_Full	20.92	/	/	23.91	/	/	<=30	Pass
		Inner_Full	20.79	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Left	20.85	/	/	23.84	/	/	<=30	Pass



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		Inner_1RB_Right	20.86	/	/	23.85	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1725	Edge_1RB_Left	19.30	/	/	22.29	/	/	<=30	Pass
		Edge_1RB_Right	19.40	/	/	22.39	/	/	<=30	Pass
		Outer_Full	19.35	/	/	22.34	/	/	<=30	Pass
		Inner_Full	19.30	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Left	19.14	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Right	19.50	/	/	22.49	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.31	/	/	22.30	/	/	<=30	Pass
		Edge_1RB_Right	18.87	/	/	21.86	/	/	<=30	Pass
		Outer_Full	19.19	/	/	22.18	/	/	<=30	Pass
		Inner_Full	19.17	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Left	19.46	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Right	18.71	/	/	21.70	/	/	<=30	Pass
	1765	Edge_1RB_Left	18.92	/	/	21.91	/	/	<=30	Pass
		Edge_1RB_Right	19.15	/	/	22.14	/	/	<=30	Pass
		Outer_Full	18.91	/	/	21.90	/	/	<=30	Pass
		Inner_Full	18.77	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Left	19.00	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Right	19.35	/	/	22.34	/	/	<=30	Pass
CP-OFDM QPSK	1725	Edge_1RB_Left	20.76	/	/	23.75	/	/	<=30	Pass
		Edge_1RB_Right	20.84	/	/	23.83	/	/	<=30	Pass
		Outer_Full	20.88	/	/	23.87	/	/	<=30	Pass
		Inner_Full	22.32	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Left	22.22	/	/	25.21	/	/	<=30	Pass
		Inner_1RB_Right	22.25	/	/	25.24	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.70	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	20.34	/	/	23.33	/	/	<=30	Pass
		Outer_Full	20.71	/	/	23.70	/	/	<=30	Pass
		Inner_Full	22.15	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Left	22.30	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Right	21.79	/	/	24.78	/	/	<=30	Pass
	1765	Edge_1RB_Left	20.38	/	/	23.37	/	/	<=30	Pass
		Edge_1RB_Right	20.56	/	/	23.55	/	/	<=30	Pass
		Outer_Full	20.45	/	/	23.44	/	/	<=30	Pass
		Inner_Full	21.88	/	/	24.87	/	/	<=30	Pass
		Inner_1RB_Left	22.08	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Right	22.05	/	/	25.04	/	/	<=30	Pass
CP-OFDM 16 QAM	1725	Edge_1RB_Left	20.71	/	/	23.70	/	/	<=30	Pass



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		Edge_1RB_Right	20.62	/	/	23.61	/	/	<=30	Pass
		Outer_Full	20.88	/	/	23.87	/	/	<=30	Pass
		Inner_Full	21.85	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Left	21.88	/	/	24.87	/	/	<=30	Pass
		Inner_1RB_Right	21.71	/	/	24.70	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.72	/	/	23.71	/	/	<=30	Pass
		Edge_1RB_Right	20.17	/	/	23.16	/	/	<=30	Pass
		Outer_Full	20.68	/	/	23.67	/	/	<=30	Pass
		Inner_Full	21.68	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Right	21.22	/	/	24.21	/	/	<=30	Pass
	1765	Edge_1RB_Left	20.57	/	/	23.56	/	/	<=30	Pass
		Edge_1RB_Right	20.31	/	/	23.30	/	/	<=30	Pass
		Outer_Full	20.36	/	/	23.35	/	/	<=30	Pass
		Inner_Full	21.32	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Left	21.43	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Right	21.59	/	/	24.58	/	/	<=30	Pass
CP-OFDM 64 QAM	1725	Edge_1RB_Left	20.37	/	/	23.36	/	/	<=30	Pass
		Edge_1RB_Right	20.20	/	/	23.19	/	/	<=30	Pass
		Outer_Full	20.42	/	/	23.41	/	/	<=30	Pass
		Inner_Full	20.33	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	20.51	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Right	20.22	/	/	23.21	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.13	/	/	23.12	/	/	<=30	Pass
		Edge_1RB_Right	19.79	/	/	22.78	/	/	<=30	Pass
		Outer_Full	20.21	/	/	23.20	/	/	<=30	Pass
		Inner_Full	20.16	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Left	20.21	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	19.86	/	/	22.85	/	/	<=30	Pass
	1765	Edge_1RB_Left	19.87	/	/	22.86	/	/	<=30	Pass
		Edge_1RB_Right	20.48	/	/	23.47	/	/	<=30	Pass
		Outer_Full	19.91	/	/	22.90	/	/	<=30	Pass
		Inner_Full	19.81	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Left	19.73	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Right	20.26	/	/	23.25	/	/	<=30	Pass
CP-OFDM 256 QAM	1725	Edge_1RB_Left	17.29	/	/	20.28	/	/	<=30	Pass
		Edge_1RB_Right	17.36	/	/	20.35	/	/	<=30	Pass
		Outer_Full	17.32	/	/	20.31	/	/	<=30	Pass



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		Inner_Full	17.40	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	16.99	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Right	17.76	/	/	20.75	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.35	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	16.94	/	/	19.93	/	/	<=30	Pass
		Outer_Full	17.17	/	/	20.16	/	/	<=30	Pass
		Inner_Full	17.19	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Left	17.35	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Right	16.92	/	/	19.91	/	/	<=30	Pass
	1765	Edge_1RB_Left	17.01	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	17.04	/	/	20.03	/	/	<=30	Pass
		Outer_Full	16.92	/	/	19.91	/	/	<=30	Pass
		Inner_Full	16.86	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Left	16.66	/	/	19.65	/	/	<=30	Pass
		Inner_1RB_Right	17.54	/	/	20.53	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.99dBi;										
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	22.70	/	/	25.69	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	25.32	/	/	<=30	Pass
		Outer_Full	22.73	/	/	25.72	/	/	<=30	Pass
		Inner_Full	22.77	/	/	25.76	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	25.68	/	/	<=30	Pass
		Inner_1RB_Right	22.41	/	/	25.40	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.69	/	/	25.68	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	25.24	/	/	<=30	Pass
		Outer_Full	22.58	/	/	25.57	/	/	<=30	Pass
		Inner_Full	22.63	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	25.68	/	/	<=30	Pass
		Inner_1RB_Right	22.32	/	/	25.31	/	/	<=30	Pass
	1760	Edge_1RB_Left	22.61	/	/	25.60	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	25.46	/	/	<=30	Pass
		Outer_Full	22.31	/	/	25.30	/	/	<=30	Pass



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DFT-s-OFDM QPSK		Inner_Full	22.27	/	/	25.26	/	/	<=30	Pass
		Inner_1RB_Left	22.68	/	/	25.67	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	25.48	/	/	<=30	Pass
	1730	Edge_1RB_Left	22.66	/	/	25.65	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	25.34	/	/	<=30	Pass
		Outer_Full	22.75	/	/	25.74	/	/	<=30	Pass
		Inner_Full	22.78	/	/	25.77	/	/	<=30	Pass
		Inner_1RB_Left	22.71	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Right	22.32	/	/	25.31	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.56	/	/	25.55	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	25.20	/	/	<=30	Pass
		Outer_Full	22.66	/	/	25.65	/	/	<=30	Pass
		Inner_Full	22.68	/	/	25.67	/	/	<=30	Pass
		Inner_1RB_Left	22.71	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Right	22.19	/	/	25.18	/	/	<=30	Pass
	1760	Edge_1RB_Left	22.60	/	/	25.59	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	25.48	/	/	<=30	Pass
		Outer_Full	22.38	/	/	25.37	/	/	<=30	Pass
		Inner_Full	22.24	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Left	22.81	/	/	25.80	/	/	<=30	Pass
		Inner_1RB_Right	22.51	/	/	25.50	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1730	Edge_1RB_Left	21.75	/	/	24.74	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	24.59	/	/	<=30	Pass
		Outer_Full	21.75	/	/	24.74	/	/	<=30	Pass
		Inner_Full	22.79	/	/	25.78	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	25.79	/	/	<=30	Pass
		Inner_1RB_Right	22.28	/	/	25.27	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.58	/	/	24.57	/	/	<=30	Pass
		Edge_1RB_Right	21.27	/	/	24.26	/	/	<=30	Pass
		Outer_Full	21.61	/	/	24.60	/	/	<=30	Pass
		Inner_Full	22.63	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Left	22.48	/	/	25.47	/	/	<=30	Pass
		Inner_1RB_Right	22.16	/	/	25.15	/	/	<=30	Pass
	1760	Edge_1RB_Left	21.67	/	/	24.66	/	/	<=30	Pass
		Edge_1RB_Right	21.29	/	/	24.28	/	/	<=30	Pass
		Outer_Full	21.46	/	/	24.45	/	/	<=30	Pass
		Inner_Full	22.32	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Left	22.39	/	/	25.38	/	/	<=30	Pass



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		Inner_1RB_Right	22.48	/	/	25.47	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1730	Edge_1RB_Left	21.15	/	/	24.14	/	/	<=30	Pass
		Edge_1RB_Right	21.13	/	/	24.12	/	/	<=30	Pass
		Outer_Full	21.21	/	/	24.20	/	/	<=30	Pass
		Inner_Full	21.29	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Left	21.42	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Right	20.94	/	/	23.93	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.15	/	/	24.14	/	/	<=30	Pass
		Edge_1RB_Right	20.72	/	/	23.71	/	/	<=30	Pass
		Outer_Full	21.12	/	/	24.11	/	/	<=30	Pass
		Inner_Full	21.07	/	/	24.06	/	/	<=30	Pass
		Inner_1RB_Left	21.32	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Right	20.85	/	/	23.84	/	/	<=30	Pass
	1760	Edge_1RB_Left	21.24	/	/	24.23	/	/	<=30	Pass
		Edge_1RB_Right	20.89	/	/	23.88	/	/	<=30	Pass
		Outer_Full	20.90	/	/	23.89	/	/	<=30	Pass
		Inner_Full	20.79	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Left	21.39	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Right	20.83	/	/	23.82	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1730	Edge_1RB_Left	19.31	/	/	22.30	/	/	<=30	Pass
		Edge_1RB_Right	19.06	/	/	22.05	/	/	<=30	Pass
		Outer_Full	19.27	/	/	22.26	/	/	<=30	Pass
		Inner_Full	19.24	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Left	19.22	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Right	19.06	/	/	22.05	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.13	/	/	22.12	/	/	<=30	Pass
		Edge_1RB_Right	18.91	/	/	21.90	/	/	<=30	Pass
		Outer_Full	19.11	/	/	22.10	/	/	<=30	Pass
		Inner_Full	19.14	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Left	19.20	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Right	18.73	/	/	21.72	/	/	<=30	Pass
	1760	Edge_1RB_Left	19.34	/	/	22.33	/	/	<=30	Pass
		Edge_1RB_Right	19.07	/	/	22.06	/	/	<=30	Pass
		Outer_Full	18.87	/	/	21.86	/	/	<=30	Pass
		Inner_Full	18.73	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Left	19.24	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Right	19.19	/	/	22.18	/	/	<=30	Pass
CP-OFDM QPSK	1730	Edge_1RB_Left	20.64	/	/	23.63	/	/	<=30	Pass



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		Edge_1RB_Right	20.48	/	/	23.47	/	/	<=30	Pass
		Outer_Full	20.71	/	/	23.70	/	/	<=30	Pass
		Inner_Full	22.27	/	/	25.26	/	/	<=30	Pass
		Inner_1RB_Left	22.11	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	22.08	/	/	25.07	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.66	/	/	23.65	/	/	<=30	Pass
		Edge_1RB_Right	20.27	/	/	23.26	/	/	<=30	Pass
		Outer_Full	20.70	/	/	23.69	/	/	<=30	Pass
		Inner_Full	22.15	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Left	22.27	/	/	25.26	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	24.77	/	/	<=30	Pass
	1760	Edge_1RB_Left	20.68	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	20.42	/	/	23.41	/	/	<=30	Pass
		Outer_Full	20.39	/	/	23.38	/	/	<=30	Pass
		Inner_Full	21.77	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	22.19	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Right	22.01	/	/	25.00	/	/	<=30	Pass
CP-OFDM 16 QAM	1730	Edge_1RB_Left	20.78	/	/	23.77	/	/	<=30	Pass
		Edge_1RB_Right	20.40	/	/	23.39	/	/	<=30	Pass
		Outer_Full	20.72	/	/	23.71	/	/	<=30	Pass
		Inner_Full	21.80	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Left	21.76	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Right	21.41	/	/	24.40	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.81	/	/	23.80	/	/	<=30	Pass
		Edge_1RB_Right	20.18	/	/	23.17	/	/	<=30	Pass
		Outer_Full	20.65	/	/	23.64	/	/	<=30	Pass
		Inner_Full	21.66	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Right	21.10	/	/	24.09	/	/	<=30	Pass
	1760	Edge_1RB_Left	20.80	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	20.15	/	/	23.14	/	/	<=30	Pass
		Outer_Full	20.39	/	/	23.38	/	/	<=30	Pass
		Inner_Full	21.24	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Left	21.90	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Right	22.34	/	/	25.33	/	/	<=30	Pass
CP-OFDM 64 QAM	1730	Edge_1RB_Left	20.37	/	/	23.36	/	/	<=30	Pass
		Edge_1RB_Right	20.01	/	/	23.00	/	/	<=30	Pass
		Outer_Full	20.28	/	/	23.27	/	/	<=30	Pass



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		Inner_Full	20.25	/	/	23.24	/	/	<=30	Pass	
		Inner_1RB_Left	20.33	/	/	23.32	/	/	<=30	Pass	
		Inner_1RB_Right	19.78	/	/	22.77	/	/	<=30	Pass	
	1745	Edge_1RB_Left	20.37	/	/	23.36	/	/	<=30	Pass	
		Edge_1RB_Right	19.67	/	/	22.66	/	/	<=30	Pass	
		Outer_Full	20.18	/	/	23.17	/	/	<=30	Pass	
		Inner_Full	20.20	/	/	23.19	/	/	<=30	Pass	
		Inner_1RB_Left	20.57	/	/	23.56	/	/	<=30	Pass	
		Inner_1RB_Right	19.90	/	/	22.89	/	/	<=30	Pass	
	1760	Edge_1RB_Left	20.34	/	/	23.33	/	/	<=30	Pass	
		Edge_1RB_Right	19.83	/	/	22.82	/	/	<=30	Pass	
		Outer_Full	19.90	/	/	22.89	/	/	<=30	Pass	
		Inner_Full	19.78	/	/	22.77	/	/	<=30	Pass	
		Inner_1RB_Left	20.10	/	/	23.09	/	/	<=30	Pass	
		Inner_1RB_Right	20.10	/	/	23.09	/	/	<=30	Pass	
	CP-OFDM 256 QAM	1730	Edge_1RB_Left	17.46	/	/	20.45	/	/	<=30	Pass
			Edge_1RB_Right	17.06	/	/	20.05	/	/	<=30	Pass
			Outer_Full	17.24	/	/	20.23	/	/	<=30	Pass
Inner_Full			17.27	/	/	20.26	/	/	<=30	Pass	
Inner_1RB_Left			17.49	/	/	20.48	/	/	<=30	Pass	
Inner_1RB_Right			17.10	/	/	20.09	/	/	<=30	Pass	
1745		Edge_1RB_Left	17.17	/	/	20.16	/	/	<=30	Pass	
		Edge_1RB_Right	16.93	/	/	19.92	/	/	<=30	Pass	
		Outer_Full	17.20	/	/	20.19	/	/	<=30	Pass	
		Inner_Full	17.15	/	/	20.14	/	/	<=30	Pass	
		Inner_1RB_Left	16.99	/	/	19.98	/	/	<=30	Pass	
		Inner_1RB_Right	16.97	/	/	19.96	/	/	<=30	Pass	
1760		Edge_1RB_Left	17.24	/	/	20.23	/	/	<=30	Pass	
		Edge_1RB_Right	17.20	/	/	20.19	/	/	<=30	Pass	
		Outer_Full	16.91	/	/	19.90	/	/	<=30	Pass	
		Inner_Full	16.82	/	/	19.81	/	/	<=30	Pass	
		Inner_1RB_Left	17.29	/	/	20.28	/	/	<=30	Pass	
		Inner_1RB_Right	17.42	/	/	20.41	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: 2.99dBi;											
Note2: EIRP=Conducted Power+Antenna Gain											

## 2. Frequency Stability



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### 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	-5.50	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-3.50	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-4.90	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-6.70	-0.0038	>=-2.5 & <=2.5	Pass
			20	NV	-3.30	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-3.50	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-7.30	-0.0042	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-12.80	-0.0073	>=-2.5 & <=2.5	Pass
				HV	-3.40	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-3.90	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-5.30	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-7.50	-0.0043	>=-2.5 & <=2.5	Pass
			40	NV	-1.70	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	20	LV	-3.20	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-3.90	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-4.30	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	0.70	0.0004	>=-2.5 & <=2.5	Pass
			30	NV	-5.10	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-6.20	-0.0036	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	20	LV	-6.30	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-2.30	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-6.20	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-2.10	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-7.60	-0.0044	>=-2.5 & <=2.5	Pass
			30	NV	-6.60	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0035	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	20	LV	-6.30	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass



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			10	NV	-0.60	-0.0003	$\geq -2.5$ & $\leq 2.5$	Pass
			20	NV	-9.70	-0.0056	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	-6.00	-0.0034	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	-5.60	-0.0032	$\geq -2.5$ & $\leq 2.5$	Pass
CP-OFDM QPSK	1745	Outer_Full	20	LV	-4.20	-0.0024	$\geq -2.5$ & $\leq 2.5$	Pass
				HV	-2.80	-0.0016	$\geq -2.5$ & $\leq 2.5$	Pass
			0	NV	-4.30	-0.0025	$\geq -2.5$ & $\leq 2.5$	Pass
			10	NV	-4.50	-0.0026	$\geq -2.5$ & $\leq 2.5$	Pass
			20	NV	-3.60	-0.0021	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	-3.30	-0.0019	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	-9.60	-0.0055	$\geq -2.5$ & $\leq 2.5$	Pass
CP-OFDM 16 QAM	1745	Outer_Full	20	LV	-3.90	-0.0022	$\geq -2.5$ & $\leq 2.5$	Pass
				HV	-7.60	-0.0044	$\geq -2.5$ & $\leq 2.5$	Pass
			0	NV	-9.70	-0.0056	$\geq -2.5$ & $\leq 2.5$	Pass
			10	NV	-3.70	-0.0021	$\geq -2.5$ & $\leq 2.5$	Pass
			20	NV	-1.70	-0.0010	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	-6.80	-0.0039	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	-3.80	-0.0022	$\geq -2.5$ & $\leq 2.5$	Pass
CP-OFDM 64 QAM	1745	Outer_Full	20	LV	-4.60	-0.0026	$\geq -2.5$ & $\leq 2.5$	Pass
				HV	-4.00	-0.0023	$\geq -2.5$ & $\leq 2.5$	Pass
			0	NV	-8.20	-0.0047	$\geq -2.5$ & $\leq 2.5$	Pass
			10	NV	-9.80	-0.0056	$\geq -2.5$ & $\leq 2.5$	Pass
			20	NV	-2.80	-0.0016	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	-3.40	-0.0019	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	-5.60	-0.0032	$\geq -2.5$ & $\leq 2.5$	Pass
CP-OFDM 256 QAM	1745	Outer_Full	20	LV	-8.60	-0.0049	$\geq -2.5$ & $\leq 2.5$	Pass
				HV	-6.20	-0.0036	$\geq -2.5$ & $\leq 2.5$	Pass
			0	NV	-9.80	-0.0056	$\geq -2.5$ & $\leq 2.5$	Pass
			10	NV	-4.90	-0.0028	$\geq -2.5$ & $\leq 2.5$	Pass
			20	NV	-5.80	-0.0033	$\geq -2.5$ & $\leq 2.5$	Pass
			30	NV	-2.60	-0.0015	$\geq -2.5$ & $\leq 2.5$	Pass
			40	NV	-7.60	-0.0044	$\geq -2.5$ & $\leq 2.5$	Pass



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### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 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	4.58	5.31	/	Pass
	1745	Outer_Full	4.59	5.29	/	Pass
	1777.5	Outer_Full	4.58	5.31	/	Pass
DFT-s-OFDM QPSK	1712.5	Outer_Full	4.57	5.31	/	Pass
	1745	Outer_Full	4.57	5.31	/	Pass
	1777.5	Outer_Full	4.58	5.38	/	Pass
DFT-s-OFDM 16 QAM	1712.5	Outer_Full	4.58	5.30	/	Pass
	1745	Outer_Full	4.57	5.39	/	Pass
	1777.5	Outer_Full	4.57	5.32	/	Pass
DFT-s-OFDM 64 QAM	1712.5	Outer_Full	4.57	5.33	/	Pass
	1745	Outer_Full	4.58	5.33	/	Pass
	1777.5	Outer_Full	4.58	5.35	/	Pass
DFT-s-OFDM 256 QAM	1712.5	Outer_Full	4.59	5.43	/	Pass
	1745	Outer_Full	4.56	5.32	/	Pass
	1777.5	Outer_Full	4.58	5.45	/	Pass
CP-OFDM QPSK	1712.5	Outer_Full	4.56	5.44	/	Pass
	1745	Outer_Full	4.57	5.31	/	Pass
	1777.5	Outer_Full	4.56	5.41	/	Pass
CP-OFDM 16 QAM	1712.5	Outer_Full	4.57	5.36	/	Pass
	1745	Outer_Full	4.57	5.27	/	Pass
	1777.5	Outer_Full	4.56	5.32	/	Pass
CP-OFDM 64 QAM	1712.5	Outer_Full	4.56	5.29	/	Pass
	1745	Outer_Full	4.57	5.36	/	Pass
	1777.5	Outer_Full	4.57	5.34	/	Pass
CP-OFDM 256 QAM	1712.5	Outer_Full	4.59	5.31	/	Pass
	1745	Outer_Full	4.55	5.30	/	Pass
	1777.5	Outer_Full	4.58	5.42	/	Pass

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



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5G NR n66 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1715	Outer_Full	9.08	9.96	/	Pass
	1745	Outer_Full	9.08	9.96	/	Pass
	1775	Outer_Full	9.08	10.00	/	Pass
DFT-s-OFDM QPSK	1715	Outer_Full	9.05	10.14	/	Pass
	1745	Outer_Full	9.07	10.05	/	Pass
	1775	Outer_Full	9.05	10.05	/	Pass
DFT-s-OFDM 16 QAM	1715	Outer_Full	9.10	10.12	/	Pass
	1745	Outer_Full	9.07	9.99	/	Pass
	1775	Outer_Full	9.07	10.12	/	Pass
DFT-s-OFDM 64 QAM	1715	Outer_Full	9.08	10.02	/	Pass
	1745	Outer_Full	9.08	10.06	/	Pass
	1775	Outer_Full	9.06	10.06	/	Pass
DFT-s-OFDM 256 QAM	1715	Outer_Full	9.08	10.15	/	Pass
	1745	Outer_Full	9.07	10.03	/	Pass
	1775	Outer_Full	9.07	10.02	/	Pass
CP-OFDM QPSK	1715	Outer_Full	9.39	10.50	/	Pass
	1745	Outer_Full	9.40	10.39	/	Pass
	1775	Outer_Full	9.39	10.48	/	Pass
CP-OFDM 16 QAM	1715	Outer_Full	9.39	10.44	/	Pass
	1745	Outer_Full	9.40	10.35	/	Pass
	1775	Outer_Full	9.43	10.35	/	Pass
CP-OFDM 64 QAM	1715	Outer_Full	9.42	10.42	/	Pass
	1745	Outer_Full	9.41	10.41	/	Pass
	1775	Outer_Full	9.40	10.37	/	Pass
CP-OFDM 256 QAM	1715	Outer_Full	9.40	10.38	/	Pass
	1745	Outer_Full	9.43	10.40	/	Pass
	1775	Outer_Full	9.43	10.35	/	Pass

### 3.1.3 15k\_SISO\_15MHz\_NTN

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	13.62	14.82	/	Pass
	1745	Outer_Full	13.60	14.81	/	Pass



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	1772.5	Outer_Full	13.60	14.81	/	Pass
DFT-s-OFDM QPSK	1717.5	Outer_Full	13.57	14.92	/	Pass
	1745	Outer_Full	13.60	14.96	/	Pass
	1772.5	Outer_Full	13.60	14.88	/	Pass
DFT-s-OFDM 16 QAM	1717.5	Outer_Full	13.62	14.79	/	Pass
	1745	Outer_Full	13.61	14.84	/	Pass
	1772.5	Outer_Full	13.60	14.86	/	Pass
DFT-s-OFDM 64 QAM	1717.5	Outer_Full	13.56	14.88	/	Pass
	1745	Outer_Full	13.62	14.82	/	Pass
	1772.5	Outer_Full	13.60	14.74	/	Pass
DFT-s-OFDM 256 QAM	1717.5	Outer_Full	13.60	14.90	/	Pass
	1745	Outer_Full	13.59	14.90	/	Pass
	1772.5	Outer_Full	13.63	14.76	/	Pass
CP-OFDM QPSK	1717.5	Outer_Full	14.29	15.65	/	Pass
	1745	Outer_Full	14.31	15.52	/	Pass
	1772.5	Outer_Full	14.29	15.52	/	Pass
CP-OFDM 16 QAM	1717.5	Outer_Full	14.26	15.67	/	Pass
	1745	Outer_Full	14.29	15.50	/	Pass
	1772.5	Outer_Full	14.28	15.60	/	Pass
CP-OFDM 64 QAM	1717.5	Outer_Full	14.27	15.55	/	Pass
	1745	Outer_Full	14.30	15.51	/	Pass
	1772.5	Outer_Full	14.33	15.45	/	Pass
CP-OFDM 256 QAM	1717.5	Outer_Full	14.25	15.54	/	Pass
	1745	Outer_Full	14.28	15.48	/	Pass
	1772.5	Outer_Full	14.30	15.45	/	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	18.11	19.63	/	Pass
	1745	Outer_Full	18.12	19.48	/	Pass
	1770	Outer_Full	18.13	19.53	/	Pass
DFT-s-OFDM QPSK	1720	Outer_Full	18.10	19.58	/	Pass
	1745	Outer_Full	18.11	19.68	/	Pass
	1770	Outer_Full	18.11	19.45	/	Pass
DFT-s-OFDM 16 QAM	1720	Outer_Full	18.09	19.56	/	Pass



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DFT-s-OFDM 64 QAM	1745	Outer_Full	18.18	19.56	/	Pass
	1770	Outer_Full	18.11	19.61	/	Pass
	1720	Outer_Full	18.06	19.59	/	Pass
	1745	Outer_Full	18.13	19.50	/	Pass
	1770	Outer_Full	18.04	19.55	/	Pass
DFT-s-OFDM 256 QAM	1720	Outer_Full	18.09	19.48	/	Pass
	1745	Outer_Full	18.08	19.64	/	Pass
	1770	Outer_Full	18.03	19.39	/	Pass
CP-OFDM QPSK	1720	Outer_Full	19.12	20.57	/	Pass
	1745	Outer_Full	19.16	21.16	/	Pass
	1770	Outer_Full	19.13	20.73	/	Pass
CP-OFDM 16 QAM	1720	Outer_Full	19.14	20.69	/	Pass
	1745	Outer_Full	19.15	20.85	/	Pass
	1770	Outer_Full	19.15	20.68	/	Pass
CP-OFDM 64 QAM	1720	Outer_Full	19.13	20.63	/	Pass
	1745	Outer_Full	19.20	20.68	/	Pass
	1770	Outer_Full	19.11	20.59	/	Pass
CP-OFDM 256 QAM	1720	Outer_Full	19.14	20.59	/	Pass
	1745	Outer_Full	19.16	20.62	/	Pass
	1770	Outer_Full	19.11	20.59	/	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	28.80	30.78	/	Pass
	1745	Outer_Full	28.95	30.89	/	Pass
	1765	Outer_Full	28.78	30.70	/	Pass
DFT-s-OFDM QPSK	1725	Outer_Full	28.83	30.81	/	Pass
	1745	Outer_Full	28.95	30.88	/	Pass
	1765	Outer_Full	28.78	30.80	/	Pass
DFT-s-OFDM 16 QAM	1725	Outer_Full	28.79	30.77	/	Pass
	1745	Outer_Full	28.92	30.89	/	Pass
	1765	Outer_Full	28.77	30.71	/	Pass
DFT-s-OFDM 64 QAM	1725	Outer_Full	28.88	30.73	/	Pass
	1745	Outer_Full	28.95	30.87	/	Pass
	1765	Outer_Full	28.80	30.81	/	Pass



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DFT-s-OFDM 256 QAM	1725	Outer_Full	28.72	30.76	/	Pass
	1745	Outer_Full	28.99	30.89	/	Pass
	1765	Outer_Full	28.77	30.78	/	Pass
CP-OFDM QPSK	1725	Outer_Full	29.05	30.76	/	Pass
	1745	Outer_Full	28.93	31.54	/	Pass
	1765	Outer_Full	28.78	30.90	/	Pass
CP-OFDM 16 QAM	1725	Outer_Full	28.82	33.61	/	Pass
	1745	Outer_Full	28.96	32.71	/	Pass
	1765	Outer_Full	28.79	32.15	/	Pass
CP-OFDM 64 QAM	1725	Outer_Full	28.79	33.54	/	Pass
	1745	Outer_Full	28.94	33.70	/	Pass
	1765	Outer_Full	28.81	32.99	/	Pass
CP-OFDM 256 QAM	1725	Outer_Full	28.98	30.61	/	Pass
	1745	Outer_Full	28.89	30.87	/	Pass
	1765	Outer_Full	28.76	30.83	/	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	38.79	41.42	/	Pass
	1745	Outer_Full	38.95	41.48	/	Pass
	1760	Outer_Full	38.80	41.45	/	Pass
DFT-s-OFDM QPSK	1730	Outer_Full	38.77	41.53	/	Pass
	1745	Outer_Full	38.96	41.59	/	Pass
	1760	Outer_Full	38.82	41.53	/	Pass
DFT-s-OFDM 16 QAM	1730	Outer_Full	38.80	41.48	/	Pass
	1745	Outer_Full	39.01	41.57	/	Pass
	1760	Outer_Full	38.84	41.40	/	Pass
DFT-s-OFDM 64 QAM	1730	Outer_Full	38.83	41.45	/	Pass
	1745	Outer_Full	38.97	41.59	/	Pass
	1760	Outer_Full	38.82	41.54	/	Pass
DFT-s-OFDM 256 QAM	1730	Outer_Full	38.79	41.50	/	Pass
	1745	Outer_Full	38.91	41.55	/	Pass
	1760	Outer_Full	38.86	41.48	/	Pass
CP-OFDM QPSK	1730	Outer_Full	38.75	41.45	/	Pass
	1745	Outer_Full	38.98	41.54	/	Pass



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	1760	Outer_Full	38.80	41.62	/	Pass
CP-OFDM 16 QAM	1730	Outer_Full	38.76	41.44	/	Pass
	1745	Outer_Full	39.03	41.56	/	Pass
	1760	Outer_Full	38.88	41.45	/	Pass
CP-OFDM 64 QAM	1730	Outer_Full	38.84	41.60	/	Pass
	1745	Outer_Full	38.91	41.69	/	Pass
	1760	Outer_Full	38.83	41.48	/	Pass
CP-OFDM 256 QAM	1730	Outer_Full	38.92	44.18	/	Pass
	1745	Outer_Full	38.92	41.53	/	Pass
	1760	Outer_Full	38.82	41.49	/	Pass



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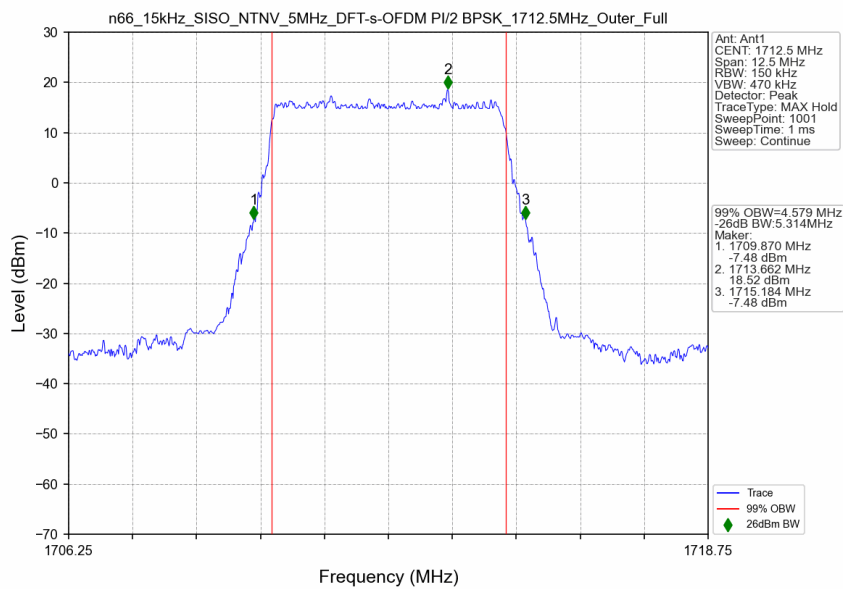
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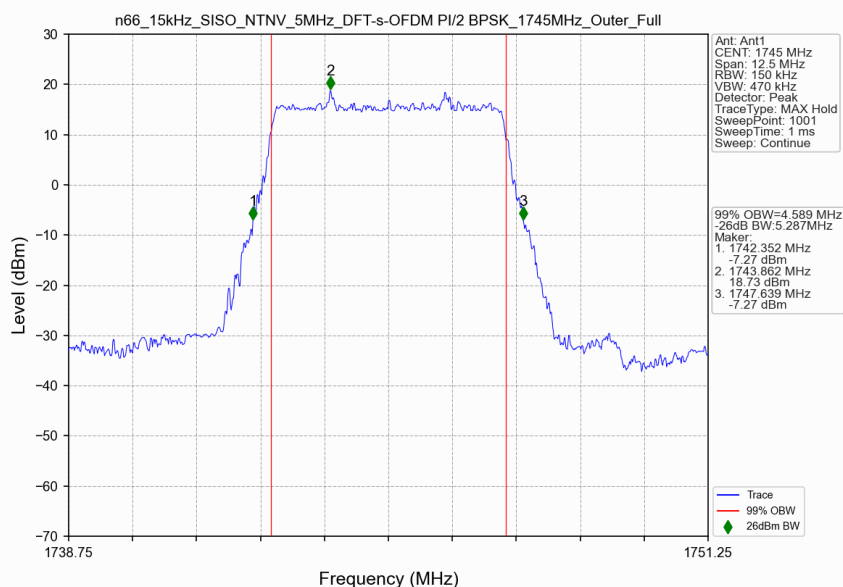
### 3.2 Test Graph

#### 3.2.1 15k\_SISO\_5MHz\_NTNV

n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1712.5MHz\_Outer\_Full



n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1745MHz\_Outer\_Full



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