

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 30k\_SISO\_10MHz\_NTNV\_EIRP

5G NR n41 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2501.01	Edge_1RB_Left	21.86	/	/	20.54	/	/	<=33	Pass
		Edge_1RB_Right	21.91	/	/	20.59	/	/	<=33	Pass
		Outer_Full	24.75	/	/	23.43	/	/	<=33	Pass
		Inner_Full	25.30	/	/	23.98	/	/	<=33	Pass
		Inner_1RB_Left	25.16	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Right	25.20	/	/	23.88	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.89	/	/	20.57	/	/	<=33	Pass
		Edge_1RB_Right	21.94	/	/	20.62	/	/	<=33	Pass
		Outer_Full	24.75	/	/	23.43	/	/	<=33	Pass
		Inner_Full	25.18	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Left	25.25	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Right	25.27	/	/	23.95	/	/	<=33	Pass
	2685	Edge_1RB_Left	21.77	/	/	20.45	/	/	<=33	Pass
		Edge_1RB_Right	21.93	/	/	20.61	/	/	<=33	Pass
		Outer_Full	24.63	/	/	23.31	/	/	<=33	Pass
Inner_Full		25.10	/	/	23.78	/	/	<=33	Pass	
Inner_1RB_Left		25.07	/	/	23.75	/	/	<=33	Pass	
Inner_1RB_Right		25.19	/	/	23.87	/	/	<=33	Pass	
DFT-s-OFDM QPSK	2501.01	Edge_1RB_Left	21.80	/	/	20.48	/	/	<=33	Pass
		Edge_1RB_Right	21.96	/	/	20.64	/	/	<=33	Pass
		Outer_Full	24.23	/	/	22.91	/	/	<=33	Pass
		Inner_Full	25.16	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Left	25.23	/	/	23.91	/	/	<=33	Pass
		Inner_1RB_Right	25.30	/	/	23.98	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.88	/	/	20.56	/	/	<=33	Pass
		Edge_1RB_Right	21.96	/	/	20.64	/	/	<=33	Pass
		Outer_Full	24.28	/	/	22.96	/	/	<=33	Pass
		Inner_Full	25.27	/	/	23.95	/	/	<=33	Pass
		Inner_1RB_Left	25.24	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Right	25.24	/	/	23.92	/	/	<=33	Pass
	2685	Edge_1RB_Left	21.78	/	/	20.46	/	/	<=33	Pass
		Edge_1RB_Right	21.93	/	/	20.61	/	/	<=33	Pass
		Outer_Full	24.18	/	/	22.86	/	/	<=33	Pass
Inner_Full		25.21	/	/	23.89	/	/	<=33	Pass	
Inner_1RB_Left		25.00	/	/	23.68	/	/	<=33	Pass	
Inner_1RB_Right		25.16	/	/	23.84	/	/	<=33	Pass	
DFT-s-OFDM 16 QAM	2501.01	Edge_1RB_Left	21.77	/	/	20.45	/	/	<=33	Pass
		Edge_1RB_Right	21.71	/	/	20.39	/	/	<=33	Pass
		Outer_Full	23.32	/	/	22.00	/	/	<=33	Pass
		Inner_Full	24.38	/	/	23.06	/	/	<=33	Pass
		Inner_1RB_Left	24.20	/	/	22.88	/	/	<=33	Pass
		Inner_1RB_Right	24.15	/	/	22.83	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.78	/	/	20.46	/	/	<=33	Pass
		Edge_1RB_Right	21.88	/	/	20.56	/	/	<=33	Pass
		Outer_Full	23.36	/	/	22.04	/	/	<=33	Pass
		Inner_Full	24.36	/	/	23.04	/	/	<=33	Pass
		Inner_1RB_Left	24.09	/	/	22.77	/	/	<=33	Pass
		Inner_1RB_Right	24.09	/	/	22.77	/	/	<=33	Pass
2685	Edge_1RB_Left	21.61	/	/	20.29	/	/	<=33	Pass	

		Edge_1RB_Right	21.81	/	/	20.49	/	/	<=33	Pass
		Outer_Full	23.31	/	/	21.99	/	/	<=33	Pass
		Inner_Full	24.14	/	/	22.82	/	/	<=33	Pass
		Inner_1RB_Left	23.99	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Right	24.23	/	/	22.91	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2501.01	Edge_1RB_Left	22.14	/	/	20.82	/	/	<=33	Pass
		Edge_1RB_Right	22.21	/	/	20.89	/	/	<=33	Pass
		Outer_Full	22.92	/	/	21.60	/	/	<=33	Pass
		Inner_Full	23.01	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Left	23.04	/	/	21.72	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	23.04	/	/	21.72	/	/	<=33	Pass
		Edge_1RB_Left	22.05	/	/	20.73	/	/	<=33	Pass
		Edge_1RB_Right	22.22	/	/	20.90	/	/	<=33	Pass
		Outer_Full	22.96	/	/	21.64	/	/	<=33	Pass
		Inner_Full	23.05	/	/	21.73	/	/	<=33	Pass
	2685	Inner_1RB_Left	23.20	/	/	21.88	/	/	<=33	Pass
		Inner_1RB_Right	23.10	/	/	21.78	/	/	<=33	Pass
		Edge_1RB_Left	22.09	/	/	20.77	/	/	<=33	Pass
		Edge_1RB_Right	22.00	/	/	20.68	/	/	<=33	Pass
Outer_Full		22.89	/	/	21.57	/	/	<=33	Pass	
DFT-s-OFDM 256 QAM	2501.01	Inner_Full	22.86	/	/	21.54	/	/	<=33	Pass
		Inner_1RB_Left	23.03	/	/	21.71	/	/	<=33	Pass
		Inner_1RB_Right	23.06	/	/	21.74	/	/	<=33	Pass
		Edge_1RB_Left	20.73	/	/	19.41	/	/	<=33	Pass
		Edge_1RB_Right	20.73	/	/	19.41	/	/	<=33	Pass
	2592.99	Outer_Full	20.85	/	/	19.53	/	/	<=33	Pass
		Inner_Full	20.90	/	/	19.58	/	/	<=33	Pass
		Inner_1RB_Left	20.72	/	/	19.40	/	/	<=33	Pass
		Inner_1RB_Right	20.76	/	/	19.44	/	/	<=33	Pass
		Edge_1RB_Left	20.93	/	/	19.61	/	/	<=33	Pass
	2685	Edge_1RB_Right	21.01	/	/	19.69	/	/	<=33	Pass
		Outer_Full	21.07	/	/	19.75	/	/	<=33	Pass
		Inner_Full	21.19	/	/	19.87	/	/	<=33	Pass
		Inner_1RB_Left	20.94	/	/	19.62	/	/	<=33	Pass
Inner_1RB_Right		20.98	/	/	19.66	/	/	<=33	Pass	
CP-OFDM QPSK	2501.01	Edge_1RB_Left	20.53	/	/	19.21	/	/	<=33	Pass
		Edge_1RB_Right	20.83	/	/	19.51	/	/	<=33	Pass
		Outer_Full	20.80	/	/	19.48	/	/	<=33	Pass
		Inner_Full	20.89	/	/	19.57	/	/	<=33	Pass
		Inner_1RB_Left	20.53	/	/	19.21	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	20.81	/	/	19.49	/	/	<=33	Pass
		Edge_1RB_Left	21.73	/	/	20.41	/	/	<=33	Pass
		Edge_1RB_Right	21.77	/	/	20.45	/	/	<=33	Pass
		Outer_Full	22.19	/	/	20.87	/	/	<=33	Pass
		Inner_Full	23.63	/	/	22.31	/	/	<=33	Pass
	2685	Inner_1RB_Left	23.74	/	/	22.42	/	/	<=33	Pass
		Inner_1RB_Right	23.78	/	/	22.46	/	/	<=33	Pass
		Edge_1RB_Left	21.89	/	/	20.57	/	/	<=33	Pass
		Edge_1RB_Right	22.05	/	/	20.73	/	/	<=33	Pass
Outer_Full		22.28	/	/	20.96	/	/	<=33	Pass	
2592.99	Inner_Full	23.63	/	/	22.31	/	/	<=33	Pass	
	Inner_1RB_Left	23.68	/	/	22.36	/	/	<=33	Pass	
	Inner_1RB_Right	23.69	/	/	22.37	/	/	<=33	Pass	
	Edge_1RB_Left	21.84	/	/	20.52	/	/	<=33	Pass	
	Edge_1RB_Right	22.21	/	/	20.89	/	/	<=33	Pass	
2685	Outer_Full	22.15	/	/	20.83	/	/	<=33	Pass	
	Inner_Full	23.41	/	/	22.09	/	/	<=33	Pass	
	Inner_1RB_Left	23.68	/	/	22.36	/	/	<=33	Pass	
	Inner_1RB_Right	23.71	/	/	22.39	/	/	<=33	Pass	

CP-OFDM 16 QAM	2501.01	Edge_1RB_Left	21.68	/	/	20.36	/	/	<=33	Pass
		Edge_1RB_Right	21.76	/	/	20.44	/	/	<=33	Pass
		Outer_Full	22.13	/	/	20.81	/	/	<=33	Pass
		Inner_Full	23.22	/	/	21.90	/	/	<=33	Pass
		Inner_1RB_Left	22.90	/	/	21.58	/	/	<=33	Pass
		Inner_1RB_Right	23.12	/	/	21.80	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.58	/	/	20.26	/	/	<=33	Pass
		Edge_1RB_Right	21.70	/	/	20.38	/	/	<=33	Pass
		Outer_Full	22.17	/	/	20.85	/	/	<=33	Pass
		Inner_Full	23.42	/	/	22.10	/	/	<=33	Pass
		Inner_1RB_Left	22.98	/	/	21.66	/	/	<=33	Pass
		Inner_1RB_Right	23.01	/	/	21.69	/	/	<=33	Pass
	2685	Edge_1RB_Left	21.62	/	/	20.30	/	/	<=33	Pass
		Edge_1RB_Right	21.85	/	/	20.53	/	/	<=33	Pass
		Outer_Full	22.21	/	/	20.89	/	/	<=33	Pass
Inner_Full		23.15	/	/	21.83	/	/	<=33	Pass	
Inner_1RB_Left		22.90	/	/	21.58	/	/	<=33	Pass	
Inner_1RB_Right		23.10	/	/	21.78	/	/	<=33	Pass	
CP-OFDM 64 QAM	2501.01	Edge_1RB_Left	21.97	/	/	20.65	/	/	<=33	Pass
		Edge_1RB_Right	22.06	/	/	20.74	/	/	<=33	Pass
		Outer_Full	21.74	/	/	20.42	/	/	<=33	Pass
		Inner_Full	21.73	/	/	20.41	/	/	<=33	Pass
		Inner_1RB_Left	21.94	/	/	20.62	/	/	<=33	Pass
		Inner_1RB_Right	22.05	/	/	20.73	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.08	/	/	20.76	/	/	<=33	Pass
		Edge_1RB_Right	22.10	/	/	20.78	/	/	<=33	Pass
		Outer_Full	21.98	/	/	20.66	/	/	<=33	Pass
		Inner_Full	21.79	/	/	20.47	/	/	<=33	Pass
		Inner_1RB_Left	22.02	/	/	20.70	/	/	<=33	Pass
		Inner_1RB_Right	22.03	/	/	20.71	/	/	<=33	Pass
	2685	Edge_1RB_Left	21.94	/	/	20.62	/	/	<=33	Pass
		Edge_1RB_Right	22.08	/	/	20.76	/	/	<=33	Pass
		Outer_Full	21.78	/	/	20.46	/	/	<=33	Pass
Inner_Full		21.66	/	/	20.34	/	/	<=33	Pass	
Inner_1RB_Left		21.95	/	/	20.63	/	/	<=33	Pass	
Inner_1RB_Right		22.02	/	/	20.70	/	/	<=33	Pass	
CP-OFDM 256 QAM	2501.01	Edge_1RB_Left	18.98	/	/	17.66	/	/	<=33	Pass
		Edge_1RB_Right	18.98	/	/	17.66	/	/	<=33	Pass
		Outer_Full	18.82	/	/	17.50	/	/	<=33	Pass
		Inner_Full	18.85	/	/	17.53	/	/	<=33	Pass
		Inner_1RB_Left	19.00	/	/	17.68	/	/	<=33	Pass
		Inner_1RB_Right	18.97	/	/	17.65	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.11	/	/	17.79	/	/	<=33	Pass
		Edge_1RB_Right	19.19	/	/	17.87	/	/	<=33	Pass
		Outer_Full	19.03	/	/	17.71	/	/	<=33	Pass
		Inner_Full	19.08	/	/	17.76	/	/	<=33	Pass
		Inner_1RB_Left	19.13	/	/	17.81	/	/	<=33	Pass
		Inner_1RB_Right	19.18	/	/	17.86	/	/	<=33	Pass
	2685	Edge_1RB_Left	18.73	/	/	17.41	/	/	<=33	Pass
		Edge_1RB_Right	19.03	/	/	17.71	/	/	<=33	Pass
		Outer_Full	18.80	/	/	17.48	/	/	<=33	Pass
Inner_Full		18.81	/	/	17.49	/	/	<=33	Pass	
Inner_1RB_Left		18.76	/	/	17.44	/	/	<=33	Pass	
Inner_1RB_Right		19.07	/	/	17.75	/	/	<=33	Pass	
Note1: Antenna Gain: Ant6: -1.32dBi; Note2: EIRP=Conducted Power+Antenna Gain										

### 1.1.2 30k\_SISO\_15MHz\_NTNV\_EIRP

5G NR n41 SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2503.5	Edge_1RB_Left	21.81	/	/	20.49	/	/	<=33	Pass
		Edge_1RB_Right	21.87	/	/	20.55	/	/	<=33	Pass
		Outer_Full	24.80	/	/	23.48	/	/	<=33	Pass
		Inner_Full	25.23	/	/	23.91	/	/	<=33	Pass
		Inner_1RB_Left	25.21	/	/	23.89	/	/	<=33	Pass
		Inner_1RB_Right	25.24	/	/	23.92	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.84	/	/	20.52	/	/	<=33	Pass
		Edge_1RB_Right	21.98	/	/	20.66	/	/	<=33	Pass
		Outer_Full	24.79	/	/	23.47	/	/	<=33	Pass
		Inner_Full	25.24	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Left	25.22	/	/	23.90	/	/	<=33	Pass
		Inner_1RB_Right	25.25	/	/	23.93	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	21.80	/	/	20.48	/	/	<=33	Pass
		Edge_1RB_Right	22.14	/	/	20.82	/	/	<=33	Pass
		Outer_Full	24.69	/	/	23.37	/	/	<=33	Pass
		Inner_Full	25.28	/	/	23.96	/	/	<=33	Pass
		Inner_1RB_Left	25.08	/	/	23.76	/	/	<=33	Pass
		Inner_1RB_Right	25.33	/	/	24.01	/	/	<=33	Pass
DFT-s-OFDM QPSK	2503.5	Edge_1RB_Left	21.85	/	/	20.53	/	/	<=33	Pass
		Edge_1RB_Right	21.91	/	/	20.59	/	/	<=33	Pass
		Outer_Full	24.24	/	/	22.92	/	/	<=33	Pass
		Inner_Full	25.25	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Left	25.20	/	/	23.88	/	/	<=33	Pass
		Inner_1RB_Right	25.25	/	/	23.93	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.83	/	/	20.51	/	/	<=33	Pass
		Edge_1RB_Right	21.92	/	/	20.60	/	/	<=33	Pass
		Outer_Full	24.24	/	/	22.92	/	/	<=33	Pass
		Inner_Full	25.20	/	/	23.88	/	/	<=33	Pass
		Inner_1RB_Left	25.20	/	/	23.88	/	/	<=33	Pass
		Inner_1RB_Right	25.18	/	/	23.86	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	21.86	/	/	20.54	/	/	<=33	Pass
		Edge_1RB_Right	22.04	/	/	20.72	/	/	<=33	Pass
		Outer_Full	24.24	/	/	22.92	/	/	<=33	Pass
		Inner_Full	25.13	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Left	25.11	/	/	23.79	/	/	<=33	Pass
		Inner_1RB_Right	25.41	/	/	24.09	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2503.5	Edge_1RB_Left	21.72	/	/	20.40	/	/	<=33	Pass
		Edge_1RB_Right	21.71	/	/	20.39	/	/	<=33	Pass
		Outer_Full	23.32	/	/	22.00	/	/	<=33	Pass
		Inner_Full	24.32	/	/	23.00	/	/	<=33	Pass
		Inner_1RB_Left	24.05	/	/	22.73	/	/	<=33	Pass
		Inner_1RB_Right	24.19	/	/	22.87	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.67	/	/	20.35	/	/	<=33	Pass
		Edge_1RB_Right	21.87	/	/	20.55	/	/	<=33	Pass
		Outer_Full	23.37	/	/	22.05	/	/	<=33	Pass
		Inner_Full	24.32	/	/	23.00	/	/	<=33	Pass
		Inner_1RB_Left	24.12	/	/	22.80	/	/	<=33	Pass
		Inner_1RB_Right	24.20	/	/	22.88	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	21.65	/	/	20.33	/	/	<=33	Pass
		Edge_1RB_Right	21.91	/	/	20.59	/	/	<=33	Pass
		Outer_Full	23.31	/	/	21.99	/	/	<=33	Pass
		Inner_Full	24.24	/	/	22.92	/	/	<=33	Pass
		Inner_1RB_Left	24.09	/	/	22.77	/	/	<=33	Pass
		Inner_1RB_Right	24.12	/	/	22.80	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2503.5	Edge_1RB_Left	22.14	/	/	20.82	/	/	<=33	Pass
		Edge_1RB_Right	22.17	/	/	20.85	/	/	<=33	Pass

		Outer_Full	22.92	/	/	21.60	/	/	<=33	Pass
		Inner_Full	23.00	/	/	21.68	/	/	<=33	Pass
		Inner_1RB_Left	22.98	/	/	21.66	/	/	<=33	Pass
		Inner_1RB_Right	23.01	/	/	21.69	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.09	/	/	20.77	/	/	<=33	Pass
		Edge_1RB_Right	22.19	/	/	20.87	/	/	<=33	Pass
		Outer_Full	22.87	/	/	21.55	/	/	<=33	Pass
		Inner_Full	22.96	/	/	21.64	/	/	<=33	Pass
	2682.48	Inner_1RB_Left	22.89	/	/	21.57	/	/	<=33	Pass
		Inner_1RB_Right	22.99	/	/	21.67	/	/	<=33	Pass
		Edge_1RB_Left	21.93	/	/	20.61	/	/	<=33	Pass
		Edge_1RB_Right	22.22	/	/	20.90	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2503.5	Outer_Full	22.89	/	/	21.57	/	/	<=33	Pass
		Inner_Full	23.00	/	/	21.68	/	/	<=33	Pass
		Inner_1RB_Left	22.93	/	/	21.61	/	/	<=33	Pass
		Inner_1RB_Right	23.19	/	/	21.87	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.75	/	/	19.43	/	/	<=33	Pass
		Edge_1RB_Right	20.78	/	/	19.46	/	/	<=33	Pass
		Outer_Full	20.78	/	/	19.46	/	/	<=33	Pass
		Inner_Full	20.89	/	/	19.57	/	/	<=33	Pass
	2682.48	Inner_1RB_Left	20.78	/	/	19.46	/	/	<=33	Pass
		Inner_1RB_Right	20.78	/	/	19.46	/	/	<=33	Pass
		Edge_1RB_Left	20.92	/	/	19.60	/	/	<=33	Pass
		Edge_1RB_Right	21.00	/	/	19.68	/	/	<=33	Pass
CP-OFDM QPSK	2503.5	Outer_Full	20.99	/	/	19.67	/	/	<=33	Pass
		Inner_Full	21.03	/	/	19.71	/	/	<=33	Pass
		Inner_1RB_Left	20.94	/	/	19.62	/	/	<=33	Pass
		Inner_1RB_Right	20.98	/	/	19.66	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.57	/	/	19.25	/	/	<=33	Pass
		Edge_1RB_Right	21.04	/	/	19.72	/	/	<=33	Pass
		Outer_Full	20.85	/	/	19.53	/	/	<=33	Pass
		Inner_Full	20.84	/	/	19.52	/	/	<=33	Pass
	2682.48	Inner_1RB_Left	20.55	/	/	19.23	/	/	<=33	Pass
		Inner_1RB_Right	21.00	/	/	19.68	/	/	<=33	Pass
		Edge_1RB_Left	22.08	/	/	20.76	/	/	<=33	Pass
		Edge_1RB_Right	22.17	/	/	20.85	/	/	<=33	Pass
CP-OFDM 16 QAM	2503.5	Outer_Full	22.33	/	/	21.01	/	/	<=33	Pass
		Inner_Full	23.95	/	/	22.63	/	/	<=33	Pass
		Inner_1RB_Left	23.76	/	/	22.44	/	/	<=33	Pass
		Inner_1RB_Right	23.99	/	/	22.67	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.84	/	/	20.52	/	/	<=33	Pass
		Edge_1RB_Right	21.94	/	/	20.62	/	/	<=33	Pass
		Outer_Full	22.28	/	/	20.96	/	/	<=33	Pass
		Inner_Full	23.81	/	/	22.49	/	/	<=33	Pass
	2682.48	Inner_1RB_Left	23.59	/	/	22.27	/	/	<=33	Pass
		Inner_1RB_Right	23.81	/	/	22.49	/	/	<=33	Pass
		Edge_1RB_Left	21.99	/	/	20.67	/	/	<=33	Pass
		Edge_1RB_Right	22.04	/	/	20.72	/	/	<=33	Pass
2503.5	Outer_Full	22.29	/	/	20.97	/	/	<=33	Pass	
	Inner_Full	23.73	/	/	22.41	/	/	<=33	Pass	
	Inner_1RB_Left	23.62	/	/	22.30	/	/	<=33	Pass	
	Inner_1RB_Right	23.75	/	/	22.43	/	/	<=33	Pass	
2592.99	Edge_1RB_Left	21.67	/	/	20.35	/	/	<=33	Pass	
	Edge_1RB_Right	21.71	/	/	20.39	/	/	<=33	Pass	
	Outer_Full	22.38	/	/	21.06	/	/	<=33	Pass	
	Inner_Full	23.30	/	/	21.98	/	/	<=33	Pass	
2503.5	Inner_1RB_Left	22.98	/	/	21.66	/	/	<=33	Pass	
	Inner_1RB_Right	23.07	/	/	21.75	/	/	<=33	Pass	
2592.99	Edge_1RB_Left	21.67	/	/	20.35	/	/	<=33	Pass	

		Edge_1RB_Right	21.78	/	/	20.46	/	/	<=33	Pass	
		Outer_Full	22.38	/	/	21.06	/	/	<=33	Pass	
		Inner_Full	23.24	/	/	21.92	/	/	<=33	Pass	
		Inner_1RB_Left	22.95	/	/	21.63	/	/	<=33	Pass	
		Inner_1RB_Right	22.93	/	/	21.61	/	/	<=33	Pass	
	2682.48	Edge_1RB_Left	21.54	/	/	20.22	/	/	<=33	Pass	
		Edge_1RB_Right	21.88	/	/	20.56	/	/	<=33	Pass	
		Outer_Full	22.36	/	/	21.04	/	/	<=33	Pass	
		Inner_Full	23.15	/	/	21.83	/	/	<=33	Pass	
		Inner_1RB_Left	22.94	/	/	21.62	/	/	<=33	Pass	
	CP-OFDM 64 QAM	2503.5	Inner_1RB_Right	23.14	/	/	21.82	/	/	<=33	Pass
			Edge_1RB_Left	21.91	/	/	20.59	/	/	<=33	Pass
			Edge_1RB_Right	21.97	/	/	20.65	/	/	<=33	Pass
			Outer_Full	21.90	/	/	20.58	/	/	<=33	Pass
Inner_Full			21.84	/	/	20.52	/	/	<=33	Pass	
2592.99		Inner_1RB_Left	21.91	/	/	20.59	/	/	<=33	Pass	
		Inner_1RB_Right	22.00	/	/	20.68	/	/	<=33	Pass	
		Edge_1RB_Left	21.92	/	/	20.60	/	/	<=33	Pass	
		Edge_1RB_Right	22.03	/	/	20.71	/	/	<=33	Pass	
		Outer_Full	21.86	/	/	20.54	/	/	<=33	Pass	
2682.48		Inner_Full	21.77	/	/	20.45	/	/	<=33	Pass	
		Inner_1RB_Left	21.91	/	/	20.59	/	/	<=33	Pass	
		Inner_1RB_Right	22.02	/	/	20.70	/	/	<=33	Pass	
		Edge_1RB_Left	21.81	/	/	20.49	/	/	<=33	Pass	
	Edge_1RB_Right	22.17	/	/	20.85	/	/	<=33	Pass		
CP-OFDM 256 QAM	2503.5	Outer_Full	21.96	/	/	20.64	/	/	<=33	Pass	
		Inner_Full	21.86	/	/	20.54	/	/	<=33	Pass	
		Inner_1RB_Left	21.86	/	/	20.54	/	/	<=33	Pass	
		Inner_1RB_Right	22.17	/	/	20.85	/	/	<=33	Pass	
		Edge_1RB_Left	18.87	/	/	17.55	/	/	<=33	Pass	
	2592.99	Edge_1RB_Right	18.88	/	/	17.56	/	/	<=33	Pass	
		Outer_Full	18.87	/	/	17.55	/	/	<=33	Pass	
		Inner_Full	18.97	/	/	17.65	/	/	<=33	Pass	
		Inner_1RB_Left	18.92	/	/	17.60	/	/	<=33	Pass	
		Inner_1RB_Right	18.89	/	/	17.57	/	/	<=33	Pass	
	2682.48	Edge_1RB_Left	19.09	/	/	17.77	/	/	<=33	Pass	
		Edge_1RB_Right	19.15	/	/	17.83	/	/	<=33	Pass	
		Outer_Full	19.07	/	/	17.75	/	/	<=33	Pass	
		Inner_Full	19.13	/	/	17.81	/	/	<=33	Pass	
Inner_1RB_Left		19.11	/	/	17.79	/	/	<=33	Pass		
	Inner_1RB_Right	19.16	/	/	17.84	/	/	<=33	Pass		
	Edge_1RB_Left	18.69	/	/	17.37	/	/	<=33	Pass		
	Edge_1RB_Right	19.12	/	/	17.80	/	/	<=33	Pass		
	Outer_Full	18.90	/	/	17.58	/	/	<=33	Pass		
	Inner_Full	18.98	/	/	17.66	/	/	<=33	Pass		
	Inner_1RB_Left	18.71	/	/	17.39	/	/	<=33	Pass		
	Inner_1RB_Right	19.16	/	/	17.84	/	/	<=33	Pass		
Note1: Antenna Gain: Ant6: -1.32dBi; Note2: EIRP=Conducted Power+Antenna Gain											

### 1.1.3 30k\_SISO\_20MHz\_NTNV\_EIRP

5G NR n41 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2506.02	Edge_1RB_Left	21.77	/	/	20.45	/	/	<=33	Pass
		Edge_1RB_Right	21.76	/	/	20.44	/	/	<=33	Pass
		Outer_Full	24.71	/	/	23.39	/	/	<=33	Pass

		Inner_Full	25.23	/	/	23.91	/	/	<=33	Pass	
		Inner_1RB_Left	25.17	/	/	23.85	/	/	<=33	Pass	
		Inner_1RB_Right	25.11	/	/	23.79	/	/	<=33	Pass	
	2592.99	Edge_1RB_Left	21.91	/	/	20.59	/	/	<=33	Pass	
		Edge_1RB_Right	21.98	/	/	20.66	/	/	<=33	Pass	
		Outer_Full	24.80	/	/	23.48	/	/	<=33	Pass	
		Inner_Full	25.26	/	/	23.94	/	/	<=33	Pass	
		Inner_1RB_Left	25.11	/	/	23.79	/	/	<=33	Pass	
		Inner_1RB_Right	25.27	/	/	23.95	/	/	<=33	Pass	
	2679.99	Edge_1RB_Left	21.89	/	/	20.57	/	/	<=33	Pass	
		Edge_1RB_Right	22.08	/	/	20.76	/	/	<=33	Pass	
		Outer_Full	24.75	/	/	23.43	/	/	<=33	Pass	
		Inner_Full	25.24	/	/	23.92	/	/	<=33	Pass	
		Inner_1RB_Left	25.17	/	/	23.85	/	/	<=33	Pass	
	DFT-s-OFDM QPSK	2506.02	Edge_1RB_Left	21.79	/	/	20.47	/	/	<=33	Pass
Edge_1RB_Right			21.72	/	/	20.40	/	/	<=33	Pass	
Outer_Full			24.22	/	/	22.90	/	/	<=33	Pass	
Inner_Full			25.22	/	/	23.90	/	/	<=33	Pass	
Inner_1RB_Left			25.19	/	/	23.87	/	/	<=33	Pass	
Inner_1RB_Right			25.21	/	/	23.89	/	/	<=33	Pass	
2592.99		Edge_1RB_Left	21.80	/	/	20.48	/	/	<=33	Pass	
		Edge_1RB_Right	22.00	/	/	20.68	/	/	<=33	Pass	
		Outer_Full	24.34	/	/	23.02	/	/	<=33	Pass	
		Inner_Full	25.32	/	/	24.00	/	/	<=33	Pass	
		Inner_1RB_Left	25.12	/	/	23.80	/	/	<=33	Pass	
2679.99		Inner_1RB_Right	25.30	/	/	23.98	/	/	<=33	Pass	
		Edge_1RB_Left	21.81	/	/	20.49	/	/	<=33	Pass	
		Edge_1RB_Right	22.15	/	/	20.83	/	/	<=33	Pass	
		Outer_Full	24.22	/	/	22.90	/	/	<=33	Pass	
		Inner_Full	25.15	/	/	23.83	/	/	<=33	Pass	
		Inner_1RB_Left	25.12	/	/	23.80	/	/	<=33	Pass	
DFT-s-OFDM 16 QAM		2506.02	Inner_1RB_Right	25.37	/	/	24.05	/	/	<=33	Pass
			Edge_1RB_Left	21.53	/	/	20.21	/	/	<=33	Pass
			Edge_1RB_Right	21.54	/	/	20.22	/	/	<=33	Pass
	Outer_Full		23.26	/	/	21.94	/	/	<=33	Pass	
	Inner_Full		24.35	/	/	23.03	/	/	<=33	Pass	
	Inner_1RB_Left		24.07	/	/	22.75	/	/	<=33	Pass	
	2592.99	Inner_1RB_Right	24.10	/	/	22.78	/	/	<=33	Pass	
		Edge_1RB_Left	21.70	/	/	20.38	/	/	<=33	Pass	
		Edge_1RB_Right	21.83	/	/	20.51	/	/	<=33	Pass	
		Outer_Full	23.38	/	/	22.06	/	/	<=33	Pass	
		Inner_Full	24.39	/	/	23.07	/	/	<=33	Pass	
	2679.99	Inner_1RB_Left	24.06	/	/	22.74	/	/	<=33	Pass	
		Inner_1RB_Right	24.29	/	/	22.97	/	/	<=33	Pass	
		Edge_1RB_Left	21.68	/	/	20.36	/	/	<=33	Pass	
		Edge_1RB_Right	21.95	/	/	20.63	/	/	<=33	Pass	
Outer_Full		23.38	/	/	22.06	/	/	<=33	Pass		
Inner_Full		24.31	/	/	22.99	/	/	<=33	Pass		
DFT-s-OFDM 64 QAM	2506.02	Inner_1RB_Left	24.06	/	/	22.74	/	/	<=33	Pass	
		Inner_1RB_Right	24.37	/	/	23.05	/	/	<=33	Pass	
		Edge_1RB_Left	22.04	/	/	20.72	/	/	<=33	Pass	
		Edge_1RB_Right	22.02	/	/	20.70	/	/	<=33	Pass	
		Outer_Full	22.79	/	/	21.47	/	/	<=33	Pass	
		Inner_Full	22.82	/	/	21.50	/	/	<=33	Pass	
	2592.99	Inner_1RB_Left	23.00	/	/	21.68	/	/	<=33	Pass	
		Inner_1RB_Right	22.94	/	/	21.62	/	/	<=33	Pass	
		Edge_1RB_Left	22.11	/	/	20.79	/	/	<=33	Pass	
		Edge_1RB_Right	22.31	/	/	20.99	/	/	<=33	Pass	

		Outer_Full	22.84	/	/	21.52	/	/	<=33	Pass	
		Inner_Full	22.95	/	/	21.63	/	/	<=33	Pass	
		Inner_1RB_Left	22.95	/	/	21.63	/	/	<=33	Pass	
		Inner_1RB_Right	23.09	/	/	21.77	/	/	<=33	Pass	
	2679.99	Edge_1RB_Left	22.31	/	/	20.99	/	/	<=33	Pass	
		Edge_1RB_Right	22.29	/	/	20.97	/	/	<=33	Pass	
		Outer_Full	22.77	/	/	21.45	/	/	<=33	Pass	
		Inner_Full	22.83	/	/	21.51	/	/	<=33	Pass	
		Inner_1RB_Left	23.01	/	/	21.69	/	/	<=33	Pass	
		Inner_1RB_Right	23.26	/	/	21.94	/	/	<=33	Pass	
DFT-s-OFDM 256 QAM	2506.02	Edge_1RB_Left	20.69	/	/	19.37	/	/	<=33	Pass	
		Edge_1RB_Right	20.63	/	/	19.31	/	/	<=33	Pass	
		Outer_Full	20.73	/	/	19.41	/	/	<=33	Pass	
		Inner_Full	20.77	/	/	19.45	/	/	<=33	Pass	
		Inner_1RB_Left	20.71	/	/	19.39	/	/	<=33	Pass	
	2592.99	Inner_1RB_Right	20.65	/	/	19.33	/	/	<=33	Pass	
		Edge_1RB_Left	20.92	/	/	19.60	/	/	<=33	Pass	
		Edge_1RB_Right	20.99	/	/	19.67	/	/	<=33	Pass	
		Outer_Full	21.01	/	/	19.69	/	/	<=33	Pass	
		Inner_Full	21.08	/	/	19.76	/	/	<=33	Pass	
	2679.99	Inner_1RB_Left	20.93	/	/	19.61	/	/	<=33	Pass	
		Inner_1RB_Right	20.97	/	/	19.65	/	/	<=33	Pass	
		Edge_1RB_Left	20.63	/	/	19.31	/	/	<=33	Pass	
		Edge_1RB_Right	20.99	/	/	19.67	/	/	<=33	Pass	
		Outer_Full	20.74	/	/	19.42	/	/	<=33	Pass	
	CP-OFDM QPSK	2506.02	Inner_Full	20.77	/	/	19.45	/	/	<=33	Pass
			Inner_1RB_Left	20.61	/	/	19.29	/	/	<=33	Pass
			Inner_1RB_Right	21.03	/	/	19.71	/	/	<=33	Pass
			Edge_1RB_Left	21.90	/	/	20.58	/	/	<=33	Pass
			Edge_1RB_Right	21.98	/	/	20.66	/	/	<=33	Pass
2592.99		Outer_Full	22.22	/	/	20.90	/	/	<=33	Pass	
		Inner_Full	23.58	/	/	22.26	/	/	<=33	Pass	
		Inner_1RB_Left	23.67	/	/	22.35	/	/	<=33	Pass	
		Inner_1RB_Right	23.58	/	/	22.26	/	/	<=33	Pass	
		Edge_1RB_Left	22.07	/	/	20.75	/	/	<=33	Pass	
2679.99		Edge_1RB_Right	21.97	/	/	20.65	/	/	<=33	Pass	
		Outer_Full	22.32	/	/	21.00	/	/	<=33	Pass	
		Inner_Full	23.78	/	/	22.46	/	/	<=33	Pass	
		Inner_1RB_Left	23.61	/	/	22.29	/	/	<=33	Pass	
		Inner_1RB_Right	23.76	/	/	22.44	/	/	<=33	Pass	
2506.02		Edge_1RB_Left	21.94	/	/	20.62	/	/	<=33	Pass	
		Edge_1RB_Right	22.20	/	/	20.88	/	/	<=33	Pass	
		Outer_Full	22.22	/	/	20.90	/	/	<=33	Pass	
		Inner_Full	23.70	/	/	22.38	/	/	<=33	Pass	
		Inner_1RB_Left	23.69	/	/	22.37	/	/	<=33	Pass	
CP-OFDM 16 QAM	2592.99	Inner_1RB_Right	24.01	/	/	22.69	/	/	<=33	Pass	
		Edge_1RB_Left	21.59	/	/	20.27	/	/	<=33	Pass	
		Edge_1RB_Right	21.57	/	/	20.25	/	/	<=33	Pass	
		Outer_Full	22.19	/	/	20.87	/	/	<=33	Pass	
		Inner_Full	23.27	/	/	21.95	/	/	<=33	Pass	
	2679.99	Inner_1RB_Left	23.11	/	/	21.79	/	/	<=33	Pass	
		Inner_1RB_Right	22.90	/	/	21.58	/	/	<=33	Pass	
		Edge_1RB_Left	21.54	/	/	20.22	/	/	<=33	Pass	
		Edge_1RB_Right	21.86	/	/	20.54	/	/	<=33	Pass	
		Outer_Full	22.25	/	/	20.93	/	/	<=33	Pass	
2506.02	Inner_Full	23.28	/	/	21.96	/	/	<=33	Pass		
	Inner_1RB_Left	22.97	/	/	21.65	/	/	<=33	Pass		
	Inner_1RB_Right	22.95	/	/	21.63	/	/	<=33	Pass		
	Edge_1RB_Left	21.68	/	/	20.36	/	/	<=33	Pass		



		Inner_Full	25.27	/	/	23.95	/	/	<=33	Pass	
		Inner_1RB_Left	25.14	/	/	23.82	/	/	<=33	Pass	
		Inner_1RB_Right	25.27	/	/	23.95	/	/	<=33	Pass	
	2677.5	Edge_1RB_Left	21.94	/	/	20.62	/	/	<=33	Pass	
		Edge_1RB_Right	22.16	/	/	20.84	/	/	<=33	Pass	
		Outer_Full	24.61	/	/	23.29	/	/	<=33	Pass	
		Inner_Full	25.07	/	/	23.75	/	/	<=33	Pass	
		Inner_1RB_Left	25.21	/	/	23.89	/	/	<=33	Pass	
		Inner_1RB_Right	25.25	/	/	23.93	/	/	<=33	Pass	
DFT-s-OFDM QPSK	2508.51	Edge_1RB_Left	21.78	/	/	20.46	/	/	<=33	Pass	
		Edge_1RB_Right	21.64	/	/	20.32	/	/	<=33	Pass	
		Outer_Full	24.26	/	/	22.94	/	/	<=33	Pass	
		Inner_Full	25.22	/	/	23.90	/	/	<=33	Pass	
		Inner_1RB_Left	25.18	/	/	23.86	/	/	<=33	Pass	
		Inner_1RB_Right	25.07	/	/	23.75	/	/	<=33	Pass	
	2592.99	Edge_1RB_Left	21.78	/	/	20.46	/	/	<=33	Pass	
		Edge_1RB_Right	21.90	/	/	20.58	/	/	<=33	Pass	
		Outer_Full	24.34	/	/	23.02	/	/	<=33	Pass	
		Inner_Full	25.34	/	/	24.02	/	/	<=33	Pass	
		Inner_1RB_Left	25.15	/	/	23.83	/	/	<=33	Pass	
		Inner_1RB_Right	25.29	/	/	23.97	/	/	<=33	Pass	
	2677.5	Edge_1RB_Left	21.97	/	/	20.65	/	/	<=33	Pass	
		Edge_1RB_Right	22.09	/	/	20.77	/	/	<=33	Pass	
		Outer_Full	24.22	/	/	22.90	/	/	<=33	Pass	
		Inner_Full	25.12	/	/	23.80	/	/	<=33	Pass	
		Inner_1RB_Left	25.15	/	/	23.83	/	/	<=33	Pass	
		Inner_1RB_Right	25.28	/	/	23.96	/	/	<=33	Pass	
	DFT-s-OFDM 16 QAM	2508.51	Edge_1RB_Left	21.62	/	/	20.30	/	/	<=33	Pass
			Edge_1RB_Right	21.55	/	/	20.23	/	/	<=33	Pass
			Outer_Full	23.20	/	/	21.88	/	/	<=33	Pass
			Inner_Full	24.21	/	/	22.89	/	/	<=33	Pass
			Inner_1RB_Left	24.16	/	/	22.84	/	/	<=33	Pass
			Inner_1RB_Right	24.03	/	/	22.71	/	/	<=33	Pass
2592.99		Edge_1RB_Left	21.51	/	/	20.19	/	/	<=33	Pass	
		Edge_1RB_Right	21.73	/	/	20.41	/	/	<=33	Pass	
		Outer_Full	23.25	/	/	21.93	/	/	<=33	Pass	
		Inner_Full	24.25	/	/	22.93	/	/	<=33	Pass	
		Inner_1RB_Left	24.02	/	/	22.70	/	/	<=33	Pass	
		Inner_1RB_Right	24.12	/	/	22.80	/	/	<=33	Pass	
2677.5		Edge_1RB_Left	21.77	/	/	20.45	/	/	<=33	Pass	
		Edge_1RB_Right	21.87	/	/	20.55	/	/	<=33	Pass	
		Outer_Full	23.14	/	/	21.82	/	/	<=33	Pass	
		Inner_Full	24.05	/	/	22.73	/	/	<=33	Pass	
		Inner_1RB_Left	24.12	/	/	22.80	/	/	<=33	Pass	
		Inner_1RB_Right	24.37	/	/	23.05	/	/	<=33	Pass	
DFT-s-OFDM 64 QAM		2508.51	Edge_1RB_Left	21.97	/	/	20.65	/	/	<=33	Pass
			Edge_1RB_Right	21.94	/	/	20.62	/	/	<=33	Pass
			Outer_Full	22.82	/	/	21.50	/	/	<=33	Pass
			Inner_Full	22.80	/	/	21.48	/	/	<=33	Pass
			Inner_1RB_Left	22.92	/	/	21.60	/	/	<=33	Pass
			Inner_1RB_Right	22.96	/	/	21.64	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.05	/	/	20.73	/	/	<=33	Pass	
		Edge_1RB_Right	22.21	/	/	20.89	/	/	<=33	Pass	
		Outer_Full	22.84	/	/	21.52	/	/	<=33	Pass	
		Inner_Full	22.98	/	/	21.66	/	/	<=33	Pass	
		Inner_1RB_Left	23.04	/	/	21.72	/	/	<=33	Pass	
		Inner_1RB_Right	22.97	/	/	21.65	/	/	<=33	Pass	
	2677.5	Edge_1RB_Left	22.08	/	/	20.76	/	/	<=33	Pass	
		Edge_1RB_Right	22.40	/	/	21.08	/	/	<=33	Pass	

		Outer_Full	22.79	/	/	21.47	/	/	<=33	Pass
		Inner_Full	22.70	/	/	21.38	/	/	<=33	Pass
		Inner_1RB_Left	23.02	/	/	21.70	/	/	<=33	Pass
		Inner_1RB_Right	23.11	/	/	21.79	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2508.51	Edge_1RB_Left	20.68	/	/	19.36	/	/	<=33	Pass
		Edge_1RB_Right	20.53	/	/	19.21	/	/	<=33	Pass
		Outer_Full	20.74	/	/	19.42	/	/	<=33	Pass
		Inner_Full	20.67	/	/	19.35	/	/	<=33	Pass
		Inner_1RB_Left	20.69	/	/	19.37	/	/	<=33	Pass
		Inner_1RB_Right	20.54	/	/	19.22	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.87	/	/	19.55	/	/	<=33	Pass
		Edge_1RB_Right	21.01	/	/	19.69	/	/	<=33	Pass
		Outer_Full	21.07	/	/	19.75	/	/	<=33	Pass
		Inner_Full	21.03	/	/	19.71	/	/	<=33	Pass
		Inner_1RB_Left	20.86	/	/	19.54	/	/	<=33	Pass
		Inner_1RB_Right	20.99	/	/	19.67	/	/	<=33	Pass
	2677.5	Edge_1RB_Left	20.58	/	/	19.26	/	/	<=33	Pass
		Edge_1RB_Right	21.04	/	/	19.72	/	/	<=33	Pass
		Outer_Full	20.74	/	/	19.42	/	/	<=33	Pass
		Inner_Full	20.62	/	/	19.30	/	/	<=33	Pass
Inner_1RB_Left		20.56	/	/	19.24	/	/	<=33	Pass	
Inner_1RB_Right		21.02	/	/	19.70	/	/	<=33	Pass	
CP-OFDM QPSK	2508.51	Edge_1RB_Left	22.01	/	/	20.69	/	/	<=33	Pass
		Edge_1RB_Right	21.94	/	/	20.62	/	/	<=33	Pass
		Outer_Full	22.24	/	/	20.92	/	/	<=33	Pass
		Inner_Full	23.65	/	/	22.33	/	/	<=33	Pass
		Inner_1RB_Left	23.56	/	/	22.24	/	/	<=33	Pass
		Inner_1RB_Right	23.46	/	/	22.14	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.92	/	/	20.60	/	/	<=33	Pass
		Edge_1RB_Right	22.23	/	/	20.91	/	/	<=33	Pass
		Outer_Full	22.22	/	/	20.90	/	/	<=33	Pass
		Inner_Full	23.72	/	/	22.40	/	/	<=33	Pass
		Inner_1RB_Left	23.45	/	/	22.13	/	/	<=33	Pass
		Inner_1RB_Right	23.62	/	/	22.30	/	/	<=33	Pass
	2677.5	Edge_1RB_Left	21.88	/	/	20.56	/	/	<=33	Pass
		Edge_1RB_Right	22.09	/	/	20.77	/	/	<=33	Pass
		Outer_Full	22.32	/	/	21.00	/	/	<=33	Pass
		Inner_Full	23.56	/	/	22.24	/	/	<=33	Pass
		Inner_1RB_Left	23.81	/	/	22.49	/	/	<=33	Pass
		Inner_1RB_Right	24.10	/	/	22.78	/	/	<=33	Pass
CP-OFDM 16 QAM	2508.51	Edge_1RB_Left	21.67	/	/	20.35	/	/	<=33	Pass
		Edge_1RB_Right	21.54	/	/	20.22	/	/	<=33	Pass
		Outer_Full	22.25	/	/	20.93	/	/	<=33	Pass
		Inner_Full	23.28	/	/	21.96	/	/	<=33	Pass
		Inner_1RB_Left	22.91	/	/	21.59	/	/	<=33	Pass
		Inner_1RB_Right	22.84	/	/	21.52	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.56	/	/	20.24	/	/	<=33	Pass
		Edge_1RB_Right	21.68	/	/	20.36	/	/	<=33	Pass
		Outer_Full	22.32	/	/	21.00	/	/	<=33	Pass
		Inner_Full	23.23	/	/	21.91	/	/	<=33	Pass
		Inner_1RB_Left	23.00	/	/	21.68	/	/	<=33	Pass
		Inner_1RB_Right	23.09	/	/	21.77	/	/	<=33	Pass
	2677.5	Edge_1RB_Left	22.21	/	/	20.89	/	/	<=33	Pass
		Edge_1RB_Right	22.10	/	/	20.78	/	/	<=33	Pass
		Outer_Full	22.17	/	/	20.85	/	/	<=33	Pass
		Inner_Full	23.12	/	/	21.80	/	/	<=33	Pass
		Inner_1RB_Left	23.20	/	/	21.88	/	/	<=33	Pass
		Inner_1RB_Right	23.48	/	/	22.16	/	/	<=33	Pass
CP-OFDM 64 QAM	2508.51	Edge_1RB_Left	21.90	/	/	20.58	/	/	<=33	Pass

		Edge_1RB_Right	21.81	/	/	20.49	/	/	<=33	Pass
		Outer_Full	21.76	/	/	20.44	/	/	<=33	Pass
		Inner_Full	21.81	/	/	20.49	/	/	<=33	Pass
		Inner_1RB_Left	22.03	/	/	20.71	/	/	<=33	Pass
		Inner_1RB_Right	21.86	/	/	20.54	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.88	/	/	20.56	/	/	<=33	Pass
		Edge_1RB_Right	22.04	/	/	20.72	/	/	<=33	Pass
		Outer_Full	21.83	/	/	20.51	/	/	<=33	Pass
		Inner_Full	21.79	/	/	20.47	/	/	<=33	Pass
		Inner_1RB_Left	21.87	/	/	20.55	/	/	<=33	Pass
	2677.5	Inner_1RB_Right	22.04	/	/	20.72	/	/	<=33	Pass
		Edge_1RB_Left	21.80	/	/	20.48	/	/	<=33	Pass
		Edge_1RB_Right	21.94	/	/	20.62	/	/	<=33	Pass
		Outer_Full	21.74	/	/	20.42	/	/	<=33	Pass
		Inner_Full	21.68	/	/	20.36	/	/	<=33	Pass
CP-OFDM 256 QAM	2508.51	Inner_1RB_Left	21.71	/	/	20.39	/	/	<=33	Pass
		Inner_1RB_Right	21.94	/	/	20.62	/	/	<=33	Pass
		Edge_1RB_Left	18.85	/	/	17.53	/	/	<=33	Pass
		Edge_1RB_Right	18.73	/	/	17.41	/	/	<=33	Pass
		Outer_Full	18.71	/	/	17.39	/	/	<=33	Pass
	2592.99	Inner_Full	18.74	/	/	17.42	/	/	<=33	Pass
		Inner_1RB_Left	18.82	/	/	17.50	/	/	<=33	Pass
		Inner_1RB_Right	18.74	/	/	17.42	/	/	<=33	Pass
		Edge_1RB_Left	19.02	/	/	17.70	/	/	<=33	Pass
		Edge_1RB_Right	19.16	/	/	17.84	/	/	<=33	Pass
	2677.5	Outer_Full	19.08	/	/	17.76	/	/	<=33	Pass
		Inner_Full	19.10	/	/	17.78	/	/	<=33	Pass
		Inner_1RB_Left	19.04	/	/	17.72	/	/	<=33	Pass
		Inner_1RB_Right	19.13	/	/	17.81	/	/	<=33	Pass
		Edge_1RB_Left	18.76	/	/	17.44	/	/	<=33	Pass
	Edge_1RB_Right	19.18	/	/	17.86	/	/	<=33	Pass	
	Outer_Full	18.67	/	/	17.35	/	/	<=33	Pass	
	Inner_Full	18.63	/	/	17.31	/	/	<=33	Pass	
	Inner_1RB_Left	18.73	/	/	17.41	/	/	<=33	Pass	
	Inner_1RB_Right	19.15	/	/	17.83	/	/	<=33	Pass	
Note1: Antenna Gain: Ant6: -1.32dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

### 1.1.5 30k\_SISO\_30MHz\_NTNV\_EIRP

5G NR n41 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2511	Edge_1RB_Left	21.89	/	/	20.57	/	/	<=33	Pass
		Edge_1RB_Right	21.69	/	/	20.37	/	/	<=33	Pass
		Outer_Full	24.73	/	/	23.41	/	/	<=33	Pass
		Inner_Full	25.27	/	/	23.95	/	/	<=33	Pass
		Inner_1RB_Left	25.29	/	/	23.97	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	25.07	/	/	23.75	/	/	<=33	Pass
		Edge_1RB_Left	21.80	/	/	20.48	/	/	<=33	Pass
		Edge_1RB_Right	21.98	/	/	20.66	/	/	<=33	Pass
		Outer_Full	24.78	/	/	23.46	/	/	<=33	Pass
		Inner_Full	25.33	/	/	24.01	/	/	<=33	Pass
	2674.98	Inner_1RB_Left	25.12	/	/	23.80	/	/	<=33	Pass
		Inner_1RB_Right	25.28	/	/	23.96	/	/	<=33	Pass
		Edge_1RB_Left	22.18	/	/	20.86	/	/	<=33	Pass
		Edge_1RB_Right	22.23	/	/	20.91	/	/	<=33	Pass
			Outer_Full	24.79	/	/	23.47	/	/	<=33

DFT-s-OFDM QPSK	2511	Inner_Full	25.31	/	/	23.99	/	/	<=33	Pass	
		Inner_1RB_Left	25.30	/	/	23.98	/	/	<=33	Pass	
		Inner_1RB_Right	25.47	/	/	24.15	/	/	<=33	Pass	
	2592.99	2511	Edge_1RB_Left	21.86	/	/	20.54	/	/	<=33	Pass
			Edge_1RB_Right	21.66	/	/	20.34	/	/	<=33	Pass
		Outer_Full	24.28	/	/	22.96	/	/	<=33	Pass	
		Inner_Full	25.20	/	/	23.88	/	/	<=33	Pass	
		Inner_1RB_Left	25.32	/	/	24.00	/	/	<=33	Pass	
		Inner_1RB_Right	25.10	/	/	23.78	/	/	<=33	Pass	
	2674.98	2592.99	Edge_1RB_Left	21.80	/	/	20.48	/	/	<=33	Pass
			Edge_1RB_Right	21.91	/	/	20.59	/	/	<=33	Pass
		Outer_Full	24.27	/	/	22.95	/	/	<=33	Pass	
Inner_Full		25.30	/	/	23.98	/	/	<=33	Pass		
Inner_1RB_Left		25.19	/	/	23.87	/	/	<=33	Pass		
2674.98	2511	Edge_1RB_Left	22.11	/	/	20.79	/	/	<=33	Pass	
		Edge_1RB_Right	22.19	/	/	20.87	/	/	<=33	Pass	
	Outer_Full	24.36	/	/	23.04	/	/	<=33	Pass		
	Inner_Full	25.16	/	/	23.84	/	/	<=33	Pass		
	Inner_1RB_Left	25.40	/	/	24.08	/	/	<=33	Pass		
	Inner_1RB_Right	25.49	/	/	24.17	/	/	<=33	Pass		
DFT-s-OFDM 16 QAM	2511	Edge_1RB_Left	21.69	/	/	20.37	/	/	<=33	Pass	
		Edge_1RB_Right	21.46	/	/	20.14	/	/	<=33	Pass	
		Outer_Full	23.28	/	/	21.96	/	/	<=33	Pass	
		Inner_Full	24.35	/	/	23.03	/	/	<=33	Pass	
		Inner_1RB_Left	24.27	/	/	22.95	/	/	<=33	Pass	
		Inner_1RB_Right	23.77	/	/	22.45	/	/	<=33	Pass	
	2592.99	2511	Edge_1RB_Left	21.63	/	/	20.31	/	/	<=33	Pass
			Edge_1RB_Right	21.79	/	/	20.47	/	/	<=33	Pass
		Outer_Full	23.39	/	/	22.07	/	/	<=33	Pass	
		Inner_Full	24.38	/	/	23.06	/	/	<=33	Pass	
		Inner_1RB_Left	24.09	/	/	22.77	/	/	<=33	Pass	
		Inner_1RB_Right	24.29	/	/	22.97	/	/	<=33	Pass	
	2674.98	2511	Edge_1RB_Left	21.90	/	/	20.58	/	/	<=33	Pass
			Edge_1RB_Right	21.94	/	/	20.62	/	/	<=33	Pass
		Outer_Full	23.39	/	/	22.07	/	/	<=33	Pass	
		Inner_Full	24.30	/	/	22.98	/	/	<=33	Pass	
		Inner_1RB_Left	24.31	/	/	22.99	/	/	<=33	Pass	
		Inner_1RB_Right	24.33	/	/	23.01	/	/	<=33	Pass	
DFT-s-OFDM 64 QAM	2511	Edge_1RB_Left	22.03	/	/	20.71	/	/	<=33	Pass	
		Edge_1RB_Right	21.87	/	/	20.55	/	/	<=33	Pass	
		Outer_Full	22.80	/	/	21.48	/	/	<=33	Pass	
		Inner_Full	22.98	/	/	21.66	/	/	<=33	Pass	
		Inner_1RB_Left	22.94	/	/	21.62	/	/	<=33	Pass	
		Inner_1RB_Right	22.79	/	/	21.47	/	/	<=33	Pass	
	2592.99	2511	Edge_1RB_Left	21.98	/	/	20.66	/	/	<=33	Pass
			Edge_1RB_Right	22.14	/	/	20.82	/	/	<=33	Pass
		Outer_Full	22.93	/	/	21.61	/	/	<=33	Pass	
		Inner_Full	23.04	/	/	21.72	/	/	<=33	Pass	
		Inner_1RB_Left	22.88	/	/	21.56	/	/	<=33	Pass	
		Inner_1RB_Right	22.94	/	/	21.62	/	/	<=33	Pass	
2674.98	2511	Edge_1RB_Left	22.28	/	/	20.96	/	/	<=33	Pass	
		Edge_1RB_Right	22.44	/	/	21.12	/	/	<=33	Pass	
	Outer_Full	22.95	/	/	21.63	/	/	<=33	Pass		
	Inner_Full	22.91	/	/	21.59	/	/	<=33	Pass		
	Inner_1RB_Left	23.13	/	/	21.81	/	/	<=33	Pass		
	Inner_1RB_Right	23.28	/	/	21.96	/	/	<=33	Pass		
DFT-s-OFDM 256 QAM	2511	Edge_1RB_Left	20.80	/	/	19.48	/	/	<=33	Pass	
		Edge_1RB_Right	20.59	/	/	19.27	/	/	<=33	Pass	

		Outer_Full	20.71	/	/	19.39	/	/	<=33	Pass
		Inner_Full	20.75	/	/	19.43	/	/	<=33	Pass
		Inner_1RB_Left	20.75	/	/	19.43	/	/	<=33	Pass
		Inner_1RB_Right	20.57	/	/	19.25	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.96	/	/	19.64	/	/	<=33	Pass
		Edge_1RB_Right	21.05	/	/	19.73	/	/	<=33	Pass
		Outer_Full	21.06	/	/	19.74	/	/	<=33	Pass
		Inner_Full	21.02	/	/	19.70	/	/	<=33	Pass
	2674.98	Inner_1RB_Left	20.95	/	/	19.63	/	/	<=33	Pass
		Inner_1RB_Right	21.04	/	/	19.72	/	/	<=33	Pass
		Edge_1RB_Left	20.74	/	/	19.42	/	/	<=33	Pass
		Edge_1RB_Right	21.15	/	/	19.83	/	/	<=33	Pass
CP-OFDM QPSK	2511	Outer_Full	20.81	/	/	19.49	/	/	<=33	Pass
		Inner_Full	20.69	/	/	19.37	/	/	<=33	Pass
		Inner_1RB_Left	20.77	/	/	19.45	/	/	<=33	Pass
		Inner_1RB_Right	21.15	/	/	19.83	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.98	/	/	20.66	/	/	<=33	Pass
		Edge_1RB_Right	21.91	/	/	20.59	/	/	<=33	Pass
		Outer_Full	22.34	/	/	21.02	/	/	<=33	Pass
		Inner_Full	23.82	/	/	22.50	/	/	<=33	Pass
	2674.98	Inner_1RB_Left	23.63	/	/	22.31	/	/	<=33	Pass
		Inner_1RB_Right	23.54	/	/	22.22	/	/	<=33	Pass
		Edge_1RB_Left	21.88	/	/	20.56	/	/	<=33	Pass
		Edge_1RB_Right	22.14	/	/	20.82	/	/	<=33	Pass
CP-OFDM 16 QAM	2511	Outer_Full	22.37	/	/	21.05	/	/	<=33	Pass
		Inner_Full	23.84	/	/	22.52	/	/	<=33	Pass
		Inner_1RB_Left	23.62	/	/	22.30	/	/	<=33	Pass
		Inner_1RB_Right	23.73	/	/	22.41	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.05	/	/	20.73	/	/	<=33	Pass
		Edge_1RB_Right	22.22	/	/	20.90	/	/	<=33	Pass
		Outer_Full	22.37	/	/	21.05	/	/	<=33	Pass
		Inner_Full	23.75	/	/	22.43	/	/	<=33	Pass
	2674.98	Inner_1RB_Left	24.04	/	/	22.72	/	/	<=33	Pass
		Inner_1RB_Right	24.17	/	/	22.85	/	/	<=33	Pass
		Edge_1RB_Left	21.61	/	/	20.29	/	/	<=33	Pass
		Edge_1RB_Right	21.49	/	/	20.17	/	/	<=33	Pass
CP-OFDM 64 QAM	2511	Outer_Full	22.34	/	/	21.02	/	/	<=33	Pass
		Inner_Full	23.34	/	/	22.02	/	/	<=33	Pass
		Inner_1RB_Left	23.03	/	/	21.71	/	/	<=33	Pass
		Inner_1RB_Right	22.72	/	/	21.40	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.57	/	/	20.25	/	/	<=33	Pass
		Edge_1RB_Right	21.73	/	/	20.41	/	/	<=33	Pass
		Outer_Full	22.40	/	/	21.08	/	/	<=33	Pass
		Inner_Full	23.44	/	/	22.12	/	/	<=33	Pass
	2674.98	Inner_1RB_Left	23.02	/	/	21.70	/	/	<=33	Pass
		Inner_1RB_Right	23.05	/	/	21.73	/	/	<=33	Pass
		Edge_1RB_Left	22.04	/	/	20.72	/	/	<=33	Pass
		Edge_1RB_Right	22.20	/	/	20.88	/	/	<=33	Pass
2511	Outer_Full	22.48	/	/	21.16	/	/	<=33	Pass	
	Inner_Full	23.26	/	/	21.94	/	/	<=33	Pass	
	Inner_1RB_Left	23.41	/	/	22.09	/	/	<=33	Pass	
	Inner_1RB_Right	23.49	/	/	22.17	/	/	<=33	Pass	
	Edge_1RB_Left	21.95	/	/	20.63	/	/	<=33	Pass	
	Edge_1RB_Right	21.80	/	/	20.48	/	/	<=33	Pass	
	Outer_Full	21.91	/	/	20.59	/	/	<=33	Pass	
	Inner_Full	21.85	/	/	20.53	/	/	<=33	Pass	
2592.99	Inner_1RB_Left	22.03	/	/	20.71	/	/	<=33	Pass	
	Inner_1RB_Right	21.88	/	/	20.56	/	/	<=33	Pass	
	2592.99	Edge_1RB_Left	21.91	/	/	20.59	/	/	<=33	Pass

		Edge_1RB_Right	22.13	/	/	20.81	/	/	<=33	Pass	
		Outer_Full	21.88	/	/	20.56	/	/	<=33	Pass	
		Inner_Full	21.91	/	/	20.59	/	/	<=33	Pass	
		Inner_1RB_Left	21.92	/	/	20.60	/	/	<=33	Pass	
		Inner_1RB_Right	22.11	/	/	20.79	/	/	<=33	Pass	
	2674.98	Edge_1RB_Left	21.89	/	/	20.57	/	/	<=33	Pass	
		Edge_1RB_Right	22.02	/	/	20.70	/	/	<=33	Pass	
		Outer_Full	21.93	/	/	20.61	/	/	<=33	Pass	
		Inner_Full	21.79	/	/	20.47	/	/	<=33	Pass	
		Inner_1RB_Left	21.88	/	/	20.56	/	/	<=33	Pass	
	CP-OFDM 256 QAM	2511	Inner_1RB_Right	21.97	/	/	20.65	/	/	<=33	Pass
			Edge_1RB_Left	18.93	/	/	17.61	/	/	<=33	Pass
			Edge_1RB_Right	18.71	/	/	17.39	/	/	<=33	Pass
			Outer_Full	18.78	/	/	17.46	/	/	<=33	Pass
Inner_Full			18.75	/	/	17.43	/	/	<=33	Pass	
2592.99		Inner_1RB_Left	18.96	/	/	17.64	/	/	<=33	Pass	
		Inner_1RB_Right	18.77	/	/	17.45	/	/	<=33	Pass	
		Edge_1RB_Left	19.07	/	/	17.75	/	/	<=33	Pass	
		Edge_1RB_Right	19.19	/	/	17.87	/	/	<=33	Pass	
		Outer_Full	19.09	/	/	17.77	/	/	<=33	Pass	
2674.98		Inner_Full	19.07	/	/	17.75	/	/	<=33	Pass	
		Inner_1RB_Left	19.11	/	/	17.79	/	/	<=33	Pass	
		Inner_1RB_Right	19.19	/	/	17.87	/	/	<=33	Pass	
		Edge_1RB_Left	18.88	/	/	17.56	/	/	<=33	Pass	
	Edge_1RB_Right	19.36	/	/	18.04	/	/	<=33	Pass		
		Outer_Full	18.87	/	/	17.55	/	/	<=33	Pass	
		Inner_Full	18.75	/	/	17.43	/	/	<=33	Pass	
		Inner_1RB_Left	18.86	/	/	17.54	/	/	<=33	Pass	
		Inner_1RB_Right	19.25	/	/	17.93	/	/	<=33	Pass	
Note1: Antenna Gain: Ant6: -1.32dBi;											
Note2: EIRP=Conducted Power+Antenna Gain											

### 1.1.6 30k\_SISO\_40MHz\_NTNV\_EIRP

5G NR n41 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2516.01	Edge_1RB_Left	21.86	/	/	20.54	/	/	<=33	Pass
		Edge_1RB_Right	21.56	/	/	20.24	/	/	<=33	Pass
		Outer_Full	24.59	/	/	23.27	/	/	<=33	Pass
		Inner_Full	25.18	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Left	25.24	/	/	23.92	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	24.80	/	/	23.48	/	/	<=33	Pass
		Edge_1RB_Left	21.83	/	/	20.51	/	/	<=33	Pass
		Edge_1RB_Right	21.97	/	/	20.65	/	/	<=33	Pass
		Outer_Full	24.80	/	/	23.48	/	/	<=33	Pass
		Inner_Full	25.29	/	/	23.97	/	/	<=33	Pass
	2670	Inner_1RB_Left	25.13	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Right	25.35	/	/	24.03	/	/	<=33	Pass
		Edge_1RB_Left	22.18	/	/	20.86	/	/	<=33	Pass
		Edge_1RB_Right	22.17	/	/	20.85	/	/	<=33	Pass
		Outer_Full	24.81	/	/	23.49	/	/	<=33	Pass
DFT-s-OFDM QPSK	2516.01	Inner_Full	25.22	/	/	23.90	/	/	<=33	Pass
		Inner_1RB_Left	25.47	/	/	24.15	/	/	<=33	Pass
		Inner_1RB_Right	25.41	/	/	24.09	/	/	<=33	Pass
		Edge_1RB_Left	21.88	/	/	20.56	/	/	<=33	Pass
		Edge_1RB_Right	21.49	/	/	20.17	/	/	<=33	Pass
		Outer_Full	24.21	/	/	22.89	/	/	<=33	Pass

		Inner_Full	25.17	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Left	25.24	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Right	24.83	/	/	23.51	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.77	/	/	20.45	/	/	<=33	Pass
		Edge_1RB_Right	21.99	/	/	20.67	/	/	<=33	Pass
		Outer_Full	24.31	/	/	22.99	/	/	<=33	Pass
		Inner_Full	25.32	/	/	24.00	/	/	<=33	Pass
		Inner_1RB_Left	25.15	/	/	23.83	/	/	<=33	Pass
		Inner_1RB_Right	25.24	/	/	23.92	/	/	<=33	Pass
	2670	Edge_1RB_Left	22.12	/	/	20.80	/	/	<=33	Pass
		Edge_1RB_Right	22.18	/	/	20.86	/	/	<=33	Pass
		Outer_Full	24.37	/	/	23.05	/	/	<=33	Pass
		Inner_Full	25.25	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Left	25.49	/	/	24.17	/	/	<=33	Pass
	DFT-s-OFDM 16 QAM	2516.01	Edge_1RB_Left	21.73	/	/	20.41	/	/	<=33
Edge_1RB_Right			21.39	/	/	20.07	/	/	<=33	Pass
Outer_Full			23.21	/	/	21.89	/	/	<=33	Pass
Inner_Full			24.22	/	/	22.90	/	/	<=33	Pass
Inner_1RB_Left			24.10	/	/	22.78	/	/	<=33	Pass
Inner_1RB_Right			23.85	/	/	22.53	/	/	<=33	Pass
2592.99		Edge_1RB_Left	21.61	/	/	20.29	/	/	<=33	Pass
		Edge_1RB_Right	21.75	/	/	20.43	/	/	<=33	Pass
		Outer_Full	23.41	/	/	22.09	/	/	<=33	Pass
		Inner_Full	24.41	/	/	23.09	/	/	<=33	Pass
		Inner_1RB_Left	24.07	/	/	22.75	/	/	<=33	Pass
		Inner_1RB_Right	24.21	/	/	22.89	/	/	<=33	Pass
2670		Edge_1RB_Left	22.07	/	/	20.75	/	/	<=33	Pass
		Edge_1RB_Right	22.03	/	/	20.71	/	/	<=33	Pass
		Outer_Full	23.45	/	/	22.13	/	/	<=33	Pass
	Inner_Full	24.28	/	/	22.96	/	/	<=33	Pass	
	Inner_1RB_Left	24.40	/	/	23.08	/	/	<=33	Pass	
DFT-s-OFDM 64 QAM	2516.01	Inner_1RB_Right	24.22	/	/	22.90	/	/	<=33	Pass
		Edge_1RB_Left	22.15	/	/	20.83	/	/	<=33	Pass
		Edge_1RB_Right	21.81	/	/	20.49	/	/	<=33	Pass
		Outer_Full	22.72	/	/	21.40	/	/	<=33	Pass
		Inner_Full	22.75	/	/	21.43	/	/	<=33	Pass
		Inner_1RB_Left	23.07	/	/	21.75	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	22.64	/	/	21.32	/	/	<=33	Pass
		Edge_1RB_Left	22.07	/	/	20.75	/	/	<=33	Pass
		Edge_1RB_Right	22.31	/	/	20.99	/	/	<=33	Pass
		Outer_Full	22.85	/	/	21.53	/	/	<=33	Pass
		Inner_Full	22.93	/	/	21.61	/	/	<=33	Pass
		Inner_1RB_Left	22.92	/	/	21.60	/	/	<=33	Pass
	2670	Inner_1RB_Right	23.05	/	/	21.73	/	/	<=33	Pass
		Edge_1RB_Left	22.40	/	/	21.08	/	/	<=33	Pass
		Edge_1RB_Right	22.48	/	/	21.16	/	/	<=33	Pass
Outer_Full		22.91	/	/	21.59	/	/	<=33	Pass	
Inner_Full		22.83	/	/	21.51	/	/	<=33	Pass	
DFT-s-OFDM 256 QAM	2516.01	Inner_1RB_Left	23.29	/	/	21.97	/	/	<=33	Pass
		Inner_1RB_Right	23.15	/	/	21.83	/	/	<=33	Pass
		Edge_1RB_Left	20.74	/	/	19.42	/	/	<=33	Pass
		Edge_1RB_Right	20.47	/	/	19.15	/	/	<=33	Pass
		Outer_Full	20.64	/	/	19.32	/	/	<=33	Pass
		Inner_Full	20.60	/	/	19.28	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	20.72	/	/	19.40	/	/	<=33	Pass
		Inner_1RB_Right	20.45	/	/	19.13	/	/	<=33	Pass
		Edge_1RB_Left	20.96	/	/	19.64	/	/	<=33	Pass
		Edge_1RB_Right	21.01	/	/	19.69	/	/	<=33	Pass

		Outer_Full	21.08	/	/	19.76	/	/	<=33	Pass	
		Inner_Full	21.09	/	/	19.77	/	/	<=33	Pass	
		Inner_1RB_Left	20.92	/	/	19.60	/	/	<=33	Pass	
		Inner_1RB_Right	20.97	/	/	19.65	/	/	<=33	Pass	
	2670	Edge_1RB_Left	20.85	/	/	19.53	/	/	<=33	Pass	
		Edge_1RB_Right	21.12	/	/	19.80	/	/	<=33	Pass	
		Outer_Full	20.80	/	/	19.48	/	/	<=33	Pass	
		Inner_Full	20.66	/	/	19.34	/	/	<=33	Pass	
		Inner_1RB_Left	20.85	/	/	19.53	/	/	<=33	Pass	
		Inner_1RB_Right	21.08	/	/	19.76	/	/	<=33	Pass	
CP-OFDM QPSK	2516.01	Edge_1RB_Left	22.03	/	/	20.71	/	/	<=33	Pass	
		Edge_1RB_Right	21.56	/	/	20.24	/	/	<=33	Pass	
		Outer_Full	22.14	/	/	20.82	/	/	<=33	Pass	
		Inner_Full	23.60	/	/	22.28	/	/	<=33	Pass	
		Inner_1RB_Left	23.75	/	/	22.43	/	/	<=33	Pass	
	2592.99	Inner_1RB_Right	23.36	/	/	22.04	/	/	<=33	Pass	
		Edge_1RB_Left	21.80	/	/	20.48	/	/	<=33	Pass	
		Edge_1RB_Right	22.08	/	/	20.76	/	/	<=33	Pass	
		Outer_Full	22.33	/	/	21.01	/	/	<=33	Pass	
		Inner_Full	23.73	/	/	22.41	/	/	<=33	Pass	
	2670	Inner_1RB_Left	23.57	/	/	22.25	/	/	<=33	Pass	
		Inner_1RB_Right	23.81	/	/	22.49	/	/	<=33	Pass	
		Edge_1RB_Left	22.28	/	/	20.96	/	/	<=33	Pass	
		Edge_1RB_Right	22.33	/	/	21.01	/	/	<=33	Pass	
		Outer_Full	22.36	/	/	21.04	/	/	<=33	Pass	
		Inner_Full	23.66	/	/	22.34	/	/	<=33	Pass	
		Inner_1RB_Left	24.02	/	/	22.70	/	/	<=33	Pass	
	CP-OFDM 16 QAM	2516.01	Inner_1RB_Right	23.96	/	/	22.64	/	/	<=33	Pass
			Edge_1RB_Left	21.62	/	/	20.30	/	/	<=33	Pass
			Edge_1RB_Right	21.39	/	/	20.07	/	/	<=33	Pass
Outer_Full			22.19	/	/	20.87	/	/	<=33	Pass	
Inner_Full			23.15	/	/	21.83	/	/	<=33	Pass	
2592.99		Inner_1RB_Left	22.91	/	/	21.59	/	/	<=33	Pass	
		Inner_1RB_Right	22.72	/	/	21.40	/	/	<=33	Pass	
		Edge_1RB_Left	21.62	/	/	20.30	/	/	<=33	Pass	
		Edge_1RB_Right	21.71	/	/	20.39	/	/	<=33	Pass	
		Outer_Full	22.37	/	/	21.05	/	/	<=33	Pass	
2670		Inner_Full	23.30	/	/	21.98	/	/	<=33	Pass	
		Inner_1RB_Left	22.95	/	/	21.63	/	/	<=33	Pass	
		Inner_1RB_Right	23.17	/	/	21.85	/	/	<=33	Pass	
		Edge_1RB_Left	21.91	/	/	20.59	/	/	<=33	Pass	
		Edge_1RB_Right	21.91	/	/	20.59	/	/	<=33	Pass	
	Outer_Full	22.38	/	/	21.06	/	/	<=33	Pass		
CP-OFDM 64 QAM	2516.01	Inner_Full	23.24	/	/	21.92	/	/	<=33	Pass	
		Inner_1RB_Left	23.15	/	/	21.83	/	/	<=33	Pass	
		Inner_1RB_Right	23.32	/	/	22.00	/	/	<=33	Pass	
		Edge_1RB_Left	21.98	/	/	20.66	/	/	<=33	Pass	
		Edge_1RB_Right	21.60	/	/	20.28	/	/	<=33	Pass	
	2592.99	Outer_Full	21.79	/	/	20.47	/	/	<=33	Pass	
		Inner_Full	21.69	/	/	20.37	/	/	<=33	Pass	
		Inner_1RB_Left	21.98	/	/	20.66	/	/	<=33	Pass	
		Inner_1RB_Right	21.65	/	/	20.33	/	/	<=33	Pass	
		Edge_1RB_Left	21.87	/	/	20.55	/	/	<=33	Pass	
2670	Edge_1RB_Right	22.09	/	/	20.77	/	/	<=33	Pass		
	Outer_Full	21.88	/	/	20.56	/	/	<=33	Pass		
	Inner_Full	21.88	/	/	20.56	/	/	<=33	Pass		
	Inner_1RB_Left	21.89	/	/	20.57	/	/	<=33	Pass		
		Inner_1RB_Right	22.12	/	/	20.80	/	/	<=33	Pass	
		Edge_1RB_Left	22.28	/	/	20.96	/	/	<=33	Pass	

CP-OFDM 256 QAM	2516.01	Edge_1RB_Right	22.22	/	/	20.90	/	/	<=33	Pass
		Outer_Full	21.98	/	/	20.66	/	/	<=33	Pass
		Inner_Full	21.82	/	/	20.50	/	/	<=33	Pass
		Inner_1RB_Left	22.27	/	/	20.95	/	/	<=33	Pass
		Inner_1RB_Right	22.21	/	/	20.89	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	18.91	/	/	17.59	/	/	<=33	Pass
		Edge_1RB_Right	18.58	/	/	17.26	/	/	<=33	Pass
		Outer_Full	18.63	/	/	17.31	/	/	<=33	Pass
		Inner_Full	18.67	/	/	17.35	/	/	<=33	Pass
		Inner_1RB_Left	18.90	/	/	17.58	/	/	<=33	Pass
	2670	Inner_1RB_Right	18.64	/	/	17.32	/	/	<=33	Pass
		Edge_1RB_Left	19.09	/	/	17.77	/	/	<=33	Pass
		Edge_1RB_Right	19.10	/	/	17.78	/	/	<=33	Pass
		Outer_Full	19.07	/	/	17.75	/	/	<=33	Pass
		Inner_Full	19.14	/	/	17.82	/	/	<=33	Pass
2670	Inner_1RB_Left	19.07	/	/	17.75	/	/	<=33	Pass	
	Inner_1RB_Right	19.12	/	/	17.80	/	/	<=33	Pass	
	Edge_1RB_Left	19.04	/	/	17.72	/	/	<=33	Pass	
	Edge_1RB_Right	19.23	/	/	17.91	/	/	<=33	Pass	
	Outer_Full	18.78	/	/	17.46	/	/	<=33	Pass	
2670	Inner_Full	18.72	/	/	17.40	/	/	<=33	Pass	
	Inner_1RB_Left	18.98	/	/	17.66	/	/	<=33	Pass	
	Inner_1RB_Right	19.27	/	/	17.95	/	/	<=33	Pass	
Note1: Antenna Gain: Ant6: -1.32dBi; Note2: EIRP=Conducted Power+Antenna Gain										

### 1.1.7 30k\_SISO\_50MHz\_NTNV\_EIRP

5G NR n41 SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2521.02	Edge_1RB_Left	21.86	/	/	20.54	/	/	<=33	Pass
		Edge_1RB_Right	21.66	/	/	20.34	/	/	<=33	Pass
		Outer_Full	24.57	/	/	23.25	/	/	<=33	Pass
		Inner_Full	25.08	/	/	23.76	/	/	<=33	Pass
		Inner_1RB_Left	25.22	/	/	23.90	/	/	<=33	Pass
		Inner_1RB_Right	24.94	/	/	23.62	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.81	/	/	20.49	/	/	<=33	Pass
		Edge_1RB_Right	22.06	/	/	20.74	/	/	<=33	Pass
		Outer_Full	24.70	/	/	23.38	/	/	<=33	Pass
		Inner_Full	25.28	/	/	23.96	/	/	<=33	Pass
		Inner_1RB_Left	25.12	/	/	23.80	/	/	<=33	Pass
		Inner_1RB_Right	25.34	/	/	24.02	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.15	/	/	20.83	/	/	<=33	Pass
		Edge_1RB_Right	22.22	/	/	20.90	/	/	<=33	Pass
		Outer_Full	24.94	/	/	23.62	/	/	<=33	Pass
		Inner_Full	25.37	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Left	25.41	/	/	24.09	/	/	<=33	Pass
		Inner_1RB_Right	25.44	/	/	24.12	/	/	<=33	Pass
DFT-s-OFDM QPSK	2521.02	Edge_1RB_Left	21.76	/	/	20.44	/	/	<=33	Pass
		Edge_1RB_Right	21.62	/	/	20.30	/	/	<=33	Pass
		Outer_Full	24.14	/	/	22.82	/	/	<=33	Pass
		Inner_Full	25.15	/	/	23.83	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	25.24	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Right	24.98	/	/	23.66	/	/	<=33	Pass
		Edge_1RB_Left	21.78	/	/	20.46	/	/	<=33	Pass
		Edge_1RB_Right	22.03	/	/	20.71	/	/	<=33	Pass
2592.99	Outer_Full	24.28	/	/	22.96	/	/	<=33	Pass	

		Inner_Full	25.35	/	/	24.03	/	/	<=33	Pass	
		Inner_1RB_Left	25.11	/	/	23.79	/	/	<=33	Pass	
		Inner_1RB_Right	25.33	/	/	24.01	/	/	<=33	Pass	
	2664.99	Edge_1RB_Left	22.08	/	/	20.76	/	/	<=33	Pass	
		Edge_1RB_Right	22.24	/	/	20.92	/	/	<=33	Pass	
		Outer_Full	24.46	/	/	23.14	/	/	<=33	Pass	
		Inner_Full	25.41	/	/	24.09	/	/	<=33	Pass	
		Inner_1RB_Left	25.36	/	/	24.04	/	/	<=33	Pass	
DFT-s-OFDM 16 QAM	2521.02	Inner_1RB_Right	25.37	/	/	24.05	/	/	<=33	Pass	
		Edge_1RB_Left	21.66	/	/	20.34	/	/	<=33	Pass	
		Edge_1RB_Right	21.49	/	/	20.17	/	/	<=33	Pass	
		Outer_Full	23.21	/	/	21.89	/	/	<=33	Pass	
		Inner_Full	24.11	/	/	22.79	/	/	<=33	Pass	
		Inner_1RB_Left	24.31	/	/	22.99	/	/	<=33	Pass	
	2592.99	Inner_1RB_Right	23.65	/	/	22.33	/	/	<=33	Pass	
		Edge_1RB_Left	21.61	/	/	20.29	/	/	<=33	Pass	
		Edge_1RB_Right	21.89	/	/	20.57	/	/	<=33	Pass	
		Outer_Full	23.29	/	/	21.97	/	/	<=33	Pass	
		Inner_Full	24.33	/	/	23.01	/	/	<=33	Pass	
		Inner_1RB_Left	23.87	/	/	22.55	/	/	<=33	Pass	
	2664.99	Inner_1RB_Right	24.29	/	/	22.97	/	/	<=33	Pass	
		Edge_1RB_Left	21.95	/	/	20.63	/	/	<=33	Pass	
		Edge_1RB_Right	22.05	/	/	20.73	/	/	<=33	Pass	
		Outer_Full	23.62	/	/	22.30	/	/	<=33	Pass	
		Inner_Full	24.33	/	/	23.01	/	/	<=33	Pass	
		Inner_1RB_Left	24.25	/	/	22.93	/	/	<=33	Pass	
DFT-s-OFDM 64 QAM	2521.02	Inner_1RB_Right	24.35	/	/	23.03	/	/	<=33	Pass	
		Edge_1RB_Left	21.98	/	/	20.66	/	/	<=33	Pass	
		Edge_1RB_Right	21.90	/	/	20.58	/	/	<=33	Pass	
		Outer_Full	22.70	/	/	21.38	/	/	<=33	Pass	
		Inner_Full	22.72	/	/	21.40	/	/	<=33	Pass	
		Inner_1RB_Left	22.92	/	/	21.60	/	/	<=33	Pass	
	2592.99	Inner_1RB_Right	22.77	/	/	21.45	/	/	<=33	Pass	
		Edge_1RB_Left	22.08	/	/	20.76	/	/	<=33	Pass	
		Edge_1RB_Right	22.32	/	/	21.00	/	/	<=33	Pass	
		Outer_Full	22.88	/	/	21.56	/	/	<=33	Pass	
		Inner_Full	22.97	/	/	21.65	/	/	<=33	Pass	
		Inner_1RB_Left	23.02	/	/	21.70	/	/	<=33	Pass	
	2664.99	Inner_1RB_Right	23.12	/	/	21.80	/	/	<=33	Pass	
		Edge_1RB_Left	22.43	/	/	21.11	/	/	<=33	Pass	
		Edge_1RB_Right	22.45	/	/	21.13	/	/	<=33	Pass	
		Outer_Full	23.07	/	/	21.75	/	/	<=33	Pass	
		Inner_Full	23.02	/	/	21.70	/	/	<=33	Pass	
		Inner_1RB_Left	23.32	/	/	22.00	/	/	<=33	Pass	
DFT-s-OFDM 256 QAM	2521.02	Inner_1RB_Right	23.27	/	/	21.95	/	/	<=33	Pass	
		Edge_1RB_Left	20.71	/	/	19.39	/	/	<=33	Pass	
		Edge_1RB_Right	20.69	/	/	19.37	/	/	<=33	Pass	
		Outer_Full	20.69	/	/	19.37	/	/	<=33	Pass	
		Inner_Full	20.65	/	/	19.33	/	/	<=33	Pass	
		Inner_1RB_Left	20.66	/	/	19.34	/	/	<=33	Pass	
	2592.99	Inner_1RB_Right	20.66	/	/	19.34	/	/	<=33	Pass	
		Edge_1RB_Left	20.91	/	/	19.59	/	/	<=33	Pass	
		Edge_1RB_Right	20.91	/	/	19.59	/	/	<=33	Pass	
		Outer_Full	21.08	/	/	19.76	/	/	<=33	Pass	
		Inner_Full	21.07	/	/	19.75	/	/	<=33	Pass	
		Inner_1RB_Left	20.90	/	/	19.58	/	/	<=33	Pass	
	2664.99	Inner_1RB_Right	20.91	/	/	19.59	/	/	<=33	Pass	
		Edge_1RB_Left	20.85	/	/	19.53	/	/	<=33	Pass	
			Edge_1RB_Right	21.13	/	/	19.81	/	/	<=33	Pass

		Outer_Full	20.94	/	/	19.62	/	/	<=33	Pass
		Inner_Full	20.83	/	/	19.51	/	/	<=33	Pass
		Inner_1RB_Left	20.86	/	/	19.54	/	/	<=33	Pass
		Inner_1RB_Right	21.11	/	/	19.79	/	/	<=33	Pass
CP-OFDM QPSK	2521.02	Edge_1RB_Left	21.82	/	/	20.50	/	/	<=33	Pass
		Edge_1RB_Right	21.59	/	/	20.27	/	/	<=33	Pass
		Outer_Full	22.19	/	/	20.87	/	/	<=33	Pass
		Inner_Full	23.62	/	/	22.30	/	/	<=33	Pass
		Inner_1RB_Left	23.95	/	/	22.63	/	/	<=33	Pass
		Inner_1RB_Right	23.48	/	/	22.16	/	/	<=33	Pass
		Edge_1RB_Left	22.11	/	/	20.79	/	/	<=33	Pass
		Edge_1RB_Right	22.32	/	/	21.00	/	/	<=33	Pass
	2592.99	Outer_Full	22.26	/	/	20.94	/	/	<=33	Pass
		Inner_Full	23.77	/	/	22.45	/	/	<=33	Pass
		Inner_1RB_Left	23.76	/	/	22.44	/	/	<=33	Pass
		Inner_1RB_Right	23.79	/	/	22.47	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.37	/	/	21.05	/	/	<=33	Pass
		Edge_1RB_Right	22.47	/	/	21.15	/	/	<=33	Pass
		Outer_Full	22.52	/	/	21.20	/	/	<=33	Pass
		Inner_Full	23.85	/	/	22.53	/	/	<=33	Pass
CP-OFDM 16 QAM	2521.02	Inner_1RB_Left	23.87	/	/	22.55	/	/	<=33	Pass
		Inner_1RB_Right	23.94	/	/	22.62	/	/	<=33	Pass
		Edge_1RB_Left	21.73	/	/	20.41	/	/	<=33	Pass
		Edge_1RB_Right	21.75	/	/	20.43	/	/	<=33	Pass
		Outer_Full	22.22	/	/	20.90	/	/	<=33	Pass
		Inner_Full	23.15	/	/	21.83	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	23.15	/	/	21.83	/	/	<=33	Pass
		Inner_1RB_Right	23.08	/	/	21.76	/	/	<=33	Pass
		Edge_1RB_Left	21.61	/	/	20.29	/	/	<=33	Pass
		Edge_1RB_Right	21.69	/	/	20.37	/	/	<=33	Pass
		Outer_Full	22.35	/	/	21.03	/	/	<=33	Pass
		Inner_Full	23.34	/	/	22.02	/	/	<=33	Pass
	2664.99	Inner_1RB_Left	22.97	/	/	21.65	/	/	<=33	Pass
		Inner_1RB_Right	23.30	/	/	21.98	/	/	<=33	Pass
		Edge_1RB_Left	21.89	/	/	20.57	/	/	<=33	Pass
		Edge_1RB_Right	21.90	/	/	20.58	/	/	<=33	Pass
Outer_Full		22.60	/	/	21.28	/	/	<=33	Pass	
Inner_Full		23.38	/	/	22.06	/	/	<=33	Pass	
CP-OFDM 64 QAM	2521.02	Inner_1RB_Left	23.40	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Right	23.32	/	/	22.00	/	/	<=33	Pass
		Edge_1RB_Left	21.61	/	/	20.29	/	/	<=33	Pass
		Edge_1RB_Right	21.50	/	/	20.18	/	/	<=33	Pass
		Outer_Full	21.77	/	/	20.45	/	/	<=33	Pass
		Inner_Full	21.65	/	/	20.33	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	21.64	/	/	20.32	/	/	<=33	Pass
		Inner_1RB_Right	21.45	/	/	20.13	/	/	<=33	Pass
		Edge_1RB_Left	21.95	/	/	20.63	/	/	<=33	Pass
		Edge_1RB_Right	22.10	/	/	20.78	/	/	<=33	Pass
		Outer_Full	21.89	/	/	20.57	/	/	<=33	Pass
		Inner_Full	21.88	/	/	20.56	/	/	<=33	Pass
	2664.99	Inner_1RB_Left	22.03	/	/	20.71	/	/	<=33	Pass
		Inner_1RB_Right	22.12	/	/	20.80	/	/	<=33	Pass
		Edge_1RB_Left	22.27	/	/	20.95	/	/	<=33	Pass
		Edge_1RB_Right	22.34	/	/	21.02	/	/	<=33	Pass
Outer_Full		22.13	/	/	20.81	/	/	<=33	Pass	
Inner_Full		22.04	/	/	20.72	/	/	<=33	Pass	
CP-OFDM 256 QAM	2521.02	Inner_1RB_Left	22.29	/	/	20.97	/	/	<=33	Pass
		Inner_1RB_Right	22.22	/	/	20.90	/	/	<=33	Pass
		Edge_1RB_Left	18.86	/	/	17.54	/	/	<=33	Pass