

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2502.5	Edge_1RB_Left	22.70	/	/	23.19	/	/	<=33	Pass
		Edge_1RB_Right	22.23	/	/	22.72	/	/	<=33	Pass
		Outer_Full	22.28	/	/	22.77	/	/	<=33	Pass
		Inner_Full	23.21	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Left	22.73	/	/	23.22	/	/	<=33	Pass
		Inner_1RB_Right	22.69	/	/	23.18	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.23	/	/	22.72	/	/	<=33	Pass
		Edge_1RB_Right	21.83	/	/	22.32	/	/	<=33	Pass
		Outer_Full	22.34	/	/	22.83	/	/	<=33	Pass
		Inner_Full	22.89	/	/	23.38	/	/	<=33	Pass
		Inner_1RB_Left	22.41	/	/	22.90	/	/	<=33	Pass
		Inner_1RB_Right	22.36	/	/	22.85	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	22.75	/	/	23.24	/	/	<=33	Pass
		Edge_1RB_Right	22.16	/	/	22.65	/	/	<=33	Pass
		Outer_Full	22.72	/	/	23.21	/	/	<=33	Pass
		Inner_Full	23.21	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Left	22.76	/	/	23.25	/	/	<=33	Pass
		Inner_1RB_Right	22.66	/	/	23.15	/	/	<=33	Pass
DFT-s-OFDM QPSK	2502.5	Edge_1RB_Left	22.11	/	/	22.60	/	/	<=33	Pass
		Edge_1RB_Right	21.66	/	/	22.15	/	/	<=33	Pass
		Outer_Full	22.20	/	/	22.69	/	/	<=33	Pass
		Inner_Full	23.22	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Left	22.64	/	/	23.13	/	/	<=33	Pass
		Inner_1RB_Right	22.57	/	/	23.06	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.78	/	/	22.27	/	/	<=33	Pass
		Edge_1RB_Right	21.70	/	/	22.19	/	/	<=33	Pass
		Outer_Full	21.78	/	/	22.27	/	/	<=33	Pass
		Inner_Full	22.91	/	/	23.40	/	/	<=33	Pass
		Inner_1RB_Left	22.71	/	/	23.20	/	/	<=33	Pass
		Inner_1RB_Right	22.28	/	/	22.77	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	21.69	/	/	22.18	/	/	<=33	Pass
		Edge_1RB_Right	21.61	/	/	22.10	/	/	<=33	Pass
		Outer_Full	22.23	/	/	22.72	/	/	<=33	Pass
		Inner_Full	23.29	/	/	23.78	/	/	<=33	Pass
		Inner_1RB_Left	22.65	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Right	22.56	/	/	23.05	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2502.5	Edge_1RB_Left	20.69	/	/	21.18	/	/	<=33	Pass
		Edge_1RB_Right	20.76	/	/	21.25	/	/	<=33	Pass
		Outer_Full	21.21	/	/	21.70	/	/	<=33	Pass
		Inner_Full	22.19	/	/	22.68	/	/	<=33	Pass
		Inner_1RB_Left	21.74	/	/	22.23	/	/	<=33	Pass
		Inner_1RB_Right	21.74	/	/	22.23	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.59	/	/	21.08	/	/	<=33	Pass
		Edge_1RB_Right	20.47	/	/	20.96	/	/	<=33	Pass
		Outer_Full	20.99	/	/	21.48	/	/	<=33	Pass
		Inner_Full	21.82	/	/	22.31	/	/	<=33	Pass
		Inner_1RB_Left	21.39	/	/	21.88	/	/	<=33	Pass
		Inner_1RB_Right	21.41	/	/	21.90	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	20.65	/	/	21.14	/	/	<=33	Pass

		Edge 1RB Right	20.66	/	/	21.15	/	/	<=33	Pass
		Outer Full	21.18	/	/	21.67	/	/	<=33	Pass
		Inner Full	22.20	/	/	22.69	/	/	<=33	Pass
		Inner 1RB Left	21.86	/	/	22.35	/	/	<=33	Pass
		Inner 1RB Right	21.86	/	/	22.35	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2502.5	Edge 1RB Left	20.29	/	/	20.78	/	/	<=33	Pass
		Edge 1RB Right	20.36	/	/	20.85	/	/	<=33	Pass
		Outer Full	20.73	/	/	21.22	/	/	<=33	Pass
		Inner Full	20.74	/	/	21.23	/	/	<=33	Pass
		Inner 1RB Left	20.24	/	/	20.73	/	/	<=33	Pass
		Inner 1RB Right	20.33	/	/	20.82	/	/	<=33	Pass
	2535	Edge 1RB Left	20.73	/	/	21.22	/	/	<=33	Pass
		Edge 1RB Right	20.55	/	/	21.04	/	/	<=33	Pass
		Outer Full	20.55	/	/	21.04	/	/	<=33	Pass
		Inner Full	20.57	/	/	21.06	/	/	<=33	Pass
		Inner 1RB Left	20.73	/	/	21.22	/	/	<=33	Pass
		Inner 1RB Right	20.55	/	/	21.04	/	/	<=33	Pass
	2567.5	Edge 1RB Left	20.29	/	/	20.78	/	/	<=33	Pass
		Edge 1RB Right	20.18	/	/	20.67	/	/	<=33	Pass
		Outer Full	20.75	/	/	21.24	/	/	<=33	Pass
		Inner Full	20.75	/	/	21.24	/	/	<=33	Pass
		Inner 1RB Left	20.29	/	/	20.78	/	/	<=33	Pass
		Inner 1RB Right	20.28	/	/	20.77	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2502.5	Edge 1RB Left	18.50	/	/	18.99	/	/	<=33	Pass
		Edge 1RB Right	18.57	/	/	19.06	/	/	<=33	Pass
		Outer Full	18.64	/	/	19.13	/	/	<=33	Pass
		Inner Full	18.70	/	/	19.19	/	/	<=33	Pass
		Inner 1RB Left	18.47	/	/	18.96	/	/	<=33	Pass
		Inner 1RB Right	18.59	/	/	19.08	/	/	<=33	Pass
	2535	Edge 1RB Left	18.42	/	/	18.91	/	/	<=33	Pass
		Edge 1RB Right	18.32	/	/	18.81	/	/	<=33	Pass
		Outer Full	18.37	/	/	18.86	/	/	<=33	Pass
		Inner Full	18.51	/	/	19.00	/	/	<=33	Pass
		Inner 1RB Left	18.42	/	/	18.91	/	/	<=33	Pass
		Inner 1RB Right	18.27	/	/	18.76	/	/	<=33	Pass
	2567.5	Edge 1RB Left	18.48	/	/	18.97	/	/	<=33	Pass
		Edge 1RB Right	18.50	/	/	18.99	/	/	<=33	Pass
		Outer Full	18.58	/	/	19.07	/	/	<=33	Pass
		Inner Full	18.66	/	/	19.15	/	/	<=33	Pass
		Inner 1RB Left	18.43	/	/	18.92	/	/	<=33	Pass
		Inner 1RB Right	18.47	/	/	18.96	/	/	<=33	Pass
CP-OFDM QPSK	2502.5	Edge 1RB Left	19.94	/	/	20.43	/	/	<=33	Pass
		Edge 1RB Right	20.08	/	/	20.57	/	/	<=33	Pass
		Outer Full	20.18	/	/	20.67	/	/	<=33	Pass
		Inner Full	21.70	/	/	22.19	/	/	<=33	Pass
		Inner 1RB Left	21.50	/	/	21.99	/	/	<=33	Pass
		Inner 1RB Right	21.46	/	/	21.95	/	/	<=33	Pass
	2535	Edge 1RB Left	19.85	/	/	20.34	/	/	<=33	Pass
		Edge 1RB Right	19.69	/	/	20.18	/	/	<=33	Pass
		Outer Full	19.91	/	/	20.40	/	/	<=33	Pass
		Inner Full	21.33	/	/	21.82	/	/	<=33	Pass
		Inner 1RB Left	21.09	/	/	21.58	/	/	<=33	Pass
		Inner 1RB Right	21.20	/	/	21.69	/	/	<=33	Pass
	2567.5	Edge 1RB Left	19.93	/	/	20.42	/	/	<=33	Pass
		Edge 1RB Right	19.96	/	/	20.45	/	/	<=33	Pass
		Outer Full	20.11	/	/	20.60	/	/	<=33	Pass
		Inner Full	21.64	/	/	22.13	/	/	<=33	Pass
		Inner 1RB Left	20.90	/	/	21.39	/	/	<=33	Pass
		Inner 1RB Right	20.96	/	/	21.45	/	/	<=33	Pass

CP-OFDM 16 QAM	2502.5	Edge 1RB Left	20.22	/	/	20.71	/	/	<=33	Pass
		Edge 1RB Right	20.28	/	/	20.77	/	/	<=33	Pass
		Outer_Full	20.21	/	/	20.70	/	/	<=33	Pass
		Inner_Full	21.18	/	/	21.67	/	/	<=33	Pass
		Inner 1RB Left	20.71	/	/	21.20	/	/	<=33	Pass
		Inner 1RB Right	21.25	/	/	21.74	/	/	<=33	Pass
	2535	Edge 1RB Left	20.05	/	/	20.54	/	/	<=33	Pass
		Edge 1RB Right	19.96	/	/	20.45	/	/	<=33	Pass
		Outer_Full	19.97	/	/	20.46	/	/	<=33	Pass
		Inner_Full	20.93	/	/	21.42	/	/	<=33	Pass
		Inner 1RB Left	21.07	/	/	21.56	/	/	<=33	Pass
		Inner 1RB Right	20.92	/	/	21.41	/	/	<=33	Pass
	2567.5	Edge 1RB Left	19.65	/	/	20.14	/	/	<=33	Pass
		Edge 1RB Right	20.13	/	/	20.62	/	/	<=33	Pass
		Outer_Full	20.17	/	/	20.66	/	/	<=33	Pass
		Inner_Full	21.13	/	/	21.62	/	/	<=33	Pass
		Inner 1RB Left	20.61	/	/	21.10	/	/	<=33	Pass
		Inner 1RB Right	20.61	/	/	21.10	/	/	<=33	Pass
CP-OFDM 64 QAM	2502.5	Edge 1RB Left	19.67	/	/	20.16	/	/	<=33	Pass
		Edge 1RB Right	19.78	/	/	20.27	/	/	<=33	Pass
		Outer_Full	19.78	/	/	20.27	/	/	<=33	Pass
		Inner_Full	19.70	/	/	20.19	/	/	<=33	Pass
		Inner 1RB Left	19.66	/	/	20.15	/	/	<=33	Pass
		Inner 1RB Right	19.73	/	/	20.22	/	/	<=33	Pass
	2535	Edge 1RB Left	19.50	/	/	19.99	/	/	<=33	Pass
		Edge 1RB Right	19.41	/	/	19.90	/	/	<=33	Pass
		Outer_Full	19.53	/	/	20.02	/	/	<=33	Pass
		Inner_Full	19.46	/	/	19.95	/	/	<=33	Pass
		Inner 1RB Left	19.54	/	/	20.03	/	/	<=33	Pass
		Inner 1RB Right	19.36	/	/	19.85	/	/	<=33	Pass
	2567.5	Edge 1RB Left	19.14	/	/	19.63	/	/	<=33	Pass
		Edge 1RB Right	19.11	/	/	19.60	/	/	<=33	Pass
		Outer_Full	19.67	/	/	20.16	/	/	<=33	Pass
		Inner_Full	19.63	/	/	20.12	/	/	<=33	Pass
		Inner 1RB Left	19.14	/	/	19.63	/	/	<=33	Pass
		Inner 1RB Right	19.61	/	/	20.10	/	/	<=33	Pass
CP-OFDM 256 QAM	2502.5	Edge 1RB Left	16.68	/	/	17.17	/	/	<=33	Pass
		Edge 1RB Right	16.81	/	/	17.30	/	/	<=33	Pass
		Outer_Full	16.66	/	/	17.15	/	/	<=33	Pass
		Inner_Full	16.65	/	/	17.14	/	/	<=33	Pass
		Inner 1RB Left	16.68	/	/	17.17	/	/	<=33	Pass
		Inner 1RB Right	16.80	/	/	17.29	/	/	<=33	Pass
	2535	Edge 1RB Left	16.59	/	/	17.08	/	/	<=33	Pass
		Edge 1RB Right	16.49	/	/	16.98	/	/	<=33	Pass
		Outer_Full	16.40	/	/	16.89	/	/	<=33	Pass
		Inner_Full	16.41	/	/	16.90	/	/	<=33	Pass
		Inner 1RB Left	16.63	/	/	17.12	/	/	<=33	Pass
		Inner 1RB Right	16.46	/	/	16.95	/	/	<=33	Pass
	2567.5	Edge 1RB Left	16.65	/	/	17.14	/	/	<=33	Pass
		Edge 1RB Right	16.67	/	/	17.16	/	/	<=33	Pass
		Outer_Full	16.57	/	/	17.06	/	/	<=33	Pass
		Inner_Full	16.60	/	/	17.09	/	/	<=33	Pass
		Inner 1RB Left	16.59	/	/	17.08	/	/	<=33	Pass
		Inner 1RB Right	16.64	/	/	17.13	/	/	<=33	Pass
Note1: Antenna Gain: Ant31: 0.49dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15k_SISO_10MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2505	Edge 1RB Left	22.58	/	/	23.07	/	/	<=33	Pass
		Edge 1RB Right	22.51	/	/	23.00	/	/	<=33	Pass
		Outer Full	22.57	/	/	23.06	/	/	<=33	Pass
		Inner Full	23.02	/	/	23.51	/	/	<=33	Pass
		Inner 1RB Left	22.60	/	/	23.09	/	/	<=33	Pass
		Inner 1RB Right	22.61	/	/	23.10	/	/	<=33	Pass
	2535	Edge 1RB Left	22.34	/	/	22.83	/	/	<=33	Pass
		Edge 1RB Right	22.24	/	/	22.73	/	/	<=33	Pass
		Outer Full	22.31	/	/	22.80	/	/	<=33	Pass
		Inner Full	22.82	/	/	23.31	/	/	<=33	Pass
		Inner 1RB Left	22.82	/	/	23.31	/	/	<=33	Pass
		Inner 1RB Right	22.31	/	/	22.80	/	/	<=33	Pass
	2565	Edge 1RB Left	22.62	/	/	23.11	/	/	<=33	Pass
		Edge 1RB Right	22.62	/	/	23.11	/	/	<=33	Pass
		Outer Full	22.67	/	/	23.16	/	/	<=33	Pass
		Inner Full	23.22	/	/	23.71	/	/	<=33	Pass
		Inner 1RB Left	22.68	/	/	23.17	/	/	<=33	Pass
		Inner 1RB Right	22.66	/	/	23.15	/	/	<=33	Pass
DFT-s-OFDM QPSK	2505	Edge 1RB Left	22.09	/	/	22.58	/	/	<=33	Pass
		Edge 1RB Right	22.04	/	/	22.53	/	/	<=33	Pass
		Outer Full	22.10	/	/	22.59	/	/	<=33	Pass
		Inner Full	23.05	/	/	23.54	/	/	<=33	Pass
		Inner 1RB Left	22.54	/	/	23.03	/	/	<=33	Pass
		Inner 1RB Right	22.51	/	/	23.00	/	/	<=33	Pass
	2535	Edge 1RB Left	21.79	/	/	22.28	/	/	<=33	Pass
		Edge 1RB Right	21.77	/	/	22.26	/	/	<=33	Pass
		Outer Full	21.79	/	/	22.28	/	/	<=33	Pass
		Inner Full	22.81	/	/	23.30	/	/	<=33	Pass
		Inner 1RB Left	22.76	/	/	23.25	/	/	<=33	Pass
		Inner 1RB Right	22.23	/	/	22.72	/	/	<=33	Pass
	2565	Edge 1RB Left	22.17	/	/	22.66	/	/	<=33	Pass
		Edge 1RB Right	22.17	/	/	22.66	/	/	<=33	Pass
		Outer Full	22.15	/	/	22.64	/	/	<=33	Pass
		Inner Full	23.26	/	/	23.75	/	/	<=33	Pass
		Inner 1RB Left	23.09	/	/	23.58	/	/	<=33	Pass
		Inner 1RB Right	22.55	/	/	23.04	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2505	Edge 1RB Left	20.62	/	/	21.11	/	/	<=33	Pass
		Edge 1RB Right	20.78	/	/	21.27	/	/	<=33	Pass
		Outer Full	21.16	/	/	21.65	/	/	<=33	Pass
		Inner Full	22.04	/	/	22.53	/	/	<=33	Pass
		Inner 1RB Left	21.69	/	/	22.18	/	/	<=33	Pass
		Inner 1RB Right	21.70	/	/	22.19	/	/	<=33	Pass
	2535	Edge 1RB Left	20.65	/	/	21.14	/	/	<=33	Pass
		Edge 1RB Right	20.44	/	/	20.93	/	/	<=33	Pass
		Outer Full	21.00	/	/	21.49	/	/	<=33	Pass
		Inner Full	21.83	/	/	22.32	/	/	<=33	Pass
		Inner 1RB Left	21.48	/	/	21.97	/	/	<=33	Pass
		Inner 1RB Right	21.41	/	/	21.90	/	/	<=33	Pass
	2565	Edge 1RB Left	20.65	/	/	21.14	/	/	<=33	Pass
		Edge 1RB Right	20.72	/	/	21.21	/	/	<=33	Pass
		Outer Full	21.08	/	/	21.57	/	/	<=33	Pass
		Inner Full	22.24	/	/	22.73	/	/	<=33	Pass
		Inner 1RB Left	21.90	/	/	22.39	/	/	<=33	Pass
		Inner 1RB Right	21.80	/	/	22.29	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2505	Edge 1RB Left	20.23	/	/	20.72	/	/	<=33	Pass
		Edge 1RB Right	20.27	/	/	20.76	/	/	<=33	Pass

		Outer_Full	20.66	/	/	21.15	/	/	<=33	Pass
		Inner_Full	20.70	/	/	21.19	/	/	<=33	Pass
		Inner_1RB_Left	20.24	/	/	20.73	/	/	<=33	Pass
		Inner_1RB_Right	20.23	/	/	20.72	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.27	/	/	20.76	/	/	<=33	Pass
		Edge_1RB_Right	20.03	/	/	20.52	/	/	<=33	Pass
		Outer_Full	20.48	/	/	20.97	/	/	<=33	Pass
		Inner_Full	20.56	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Left	20.24	/	/	20.73	/	/	<=33	Pass
		Inner_1RB_Right	20.04	/	/	20.53	/	/	<=33	Pass
	2565	Edge_1RB_Left	20.14	/	/	20.63	/	/	<=33	Pass
		Edge_1RB_Right	20.29	/	/	20.78	/	/	<=33	Pass
		Outer_Full	20.58	/	/	21.07	/	/	<=33	Pass
		Inner_Full	20.66	/	/	21.15	/	/	<=33	Pass
		Inner_1RB_Left	20.14	/	/	20.63	/	/	<=33	Pass
		Inner_1RB_Right	20.29	/	/	20.78	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2505	Edge_1RB_Left	18.42	/	/	18.91	/	/	<=33	Pass
		Edge_1RB_Right	18.62	/	/	19.11	/	/	<=33	Pass
		Outer_Full	18.53	/	/	19.02	/	/	<=33	Pass
		Inner_Full	18.56	/	/	19.05	/	/	<=33	Pass
		Inner_1RB_Left	18.46	/	/	18.95	/	/	<=33	Pass
		Inner_1RB_Right	18.58	/	/	19.07	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.46	/	/	18.95	/	/	<=33	Pass
		Edge_1RB_Right	18.25	/	/	18.74	/	/	<=33	Pass
		Outer_Full	18.37	/	/	18.86	/	/	<=33	Pass
		Inner_Full	18.43	/	/	18.92	/	/	<=33	Pass
		Inner_1RB_Left	18.44	/	/	18.93	/	/	<=33	Pass
		Inner_1RB_Right	18.27	/	/	18.76	/	/	<=33	Pass
	2565	Edge_1RB_Left	18.44	/	/	18.93	/	/	<=33	Pass
		Edge_1RB_Right	18.53	/	/	19.02	/	/	<=33	Pass
		Outer_Full	18.49	/	/	18.98	/	/	<=33	Pass
		Inner_Full	18.52	/	/	19.01	/	/	<=33	Pass
		Inner_1RB_Left	18.48	/	/	18.97	/	/	<=33	Pass
		Inner_1RB_Right	18.54	/	/	19.03	/	/	<=33	Pass
CP-OFDM QPSK	2505	Edge_1RB_Left	19.95	/	/	20.44	/	/	<=33	Pass
		Edge_1RB_Right	20.12	/	/	20.61	/	/	<=33	Pass
		Outer_Full	20.11	/	/	20.60	/	/	<=33	Pass
		Inner_Full	21.47	/	/	21.96	/	/	<=33	Pass
		Inner_1RB_Left	21.45	/	/	21.94	/	/	<=33	Pass
		Inner_1RB_Right	21.40	/	/	21.89	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.88	/	/	20.37	/	/	<=33	Pass
		Edge_1RB_Right	19.68	/	/	20.17	/	/	<=33	Pass
		Outer_Full	19.91	/	/	20.40	/	/	<=33	Pass
		Inner_Full	21.23	/	/	21.72	/	/	<=33	Pass
		Inner_1RB_Left	21.16	/	/	21.65	/	/	<=33	Pass
		Inner_1RB_Right	21.12	/	/	21.61	/	/	<=33	Pass
	2565	Edge_1RB_Left	19.92	/	/	20.41	/	/	<=33	Pass
		Edge_1RB_Right	19.94	/	/	20.43	/	/	<=33	Pass
		Outer_Full	20.06	/	/	20.55	/	/	<=33	Pass
		Inner_Full	21.64	/	/	22.13	/	/	<=33	Pass
		Inner_1RB_Left	21.56	/	/	22.05	/	/	<=33	Pass
		Inner_1RB_Right	21.55	/	/	22.04	/	/	<=33	Pass
CP-OFDM 16 QAM	2505	Edge_1RB_Left	19.58	/	/	20.07	/	/	<=33	Pass
		Edge_1RB_Right	19.74	/	/	20.23	/	/	<=33	Pass
		Outer_Full	20.19	/	/	20.68	/	/	<=33	Pass
		Inner_Full	21.11	/	/	21.60	/	/	<=33	Pass
		Inner_1RB_Left	20.64	/	/	21.13	/	/	<=33	Pass
		Inner_1RB_Right	20.76	/	/	21.25	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.66	/	/	20.15	/	/	<=33	Pass

		Edge 1RB Right	19.99	/	/	20.48	/	/	<=33	Pass
		Outer_Full	20.04	/	/	20.53	/	/	<=33	Pass
		Inner_Full	20.93	/	/	21.42	/	/	<=33	Pass
		Inner_1RB Left	21.09	/	/	21.58	/	/	<=33	Pass
		Inner_1RB Right	20.92	/	/	21.41	/	/	<=33	Pass
	2565	Edge 1RB Left	20.15	/	/	20.64	/	/	<=33	Pass
		Edge 1RB Right	20.16	/	/	20.65	/	/	<=33	Pass
		Outer_Full	20.15	/	/	20.64	/	/	<=33	Pass
		Inner_Full	21.08	/	/	21.57	/	/	<=33	Pass
		Inner_1RB Left	21.12	/	/	21.61	/	/	<=33	Pass
	Inner_1RB Right	21.17	/	/	21.66	/	/	<=33	Pass	
CP-OFDM 64 QAM	2505	Edge 1RB Left	19.07	/	/	19.56	/	/	<=33	Pass
		Edge 1RB Right	19.20	/	/	19.69	/	/	<=33	Pass
		Outer_Full	19.71	/	/	20.20	/	/	<=33	Pass
		Inner_Full	19.66	/	/	20.15	/	/	<=33	Pass
		Inner_1RB Left	19.12	/	/	19.61	/	/	<=33	Pass
		Inner_1RB Right	19.24	/	/	19.73	/	/	<=33	Pass
	2535	Edge 1RB Left	19.14	/	/	19.63	/	/	<=33	Pass
		Edge 1RB Right	18.92	/	/	19.41	/	/	<=33	Pass
		Outer_Full	19.52	/	/	20.01	/	/	<=33	Pass
		Inner_Full	19.44	/	/	19.93	/	/	<=33	Pass
		Inner_1RB Left	19.61	/	/	20.10	/	/	<=33	Pass
		Inner_1RB Right	18.93	/	/	19.42	/	/	<=33	Pass
	2565	Edge 1RB Left	19.61	/	/	20.10	/	/	<=33	Pass
		Edge 1RB Right	19.68	/	/	20.17	/	/	<=33	Pass
		Outer_Full	19.63	/	/	20.12	/	/	<=33	Pass
		Inner_Full	19.60	/	/	20.09	/	/	<=33	Pass
		Inner_1RB Left	19.64	/	/	20.13	/	/	<=33	Pass
		Inner_1RB Right	19.60	/	/	20.09	/	/	<=33	Pass
CP-OFDM 256 QAM	2505	Edge 1RB Left	16.69	/	/	17.18	/	/	<=33	Pass
		Edge 1RB Right	16.84	/	/	17.33	/	/	<=33	Pass
		Outer_Full	16.54	/	/	17.03	/	/	<=33	Pass
		Inner_Full	16.60	/	/	17.09	/	/	<=33	Pass
		Inner_1RB Left	16.69	/	/	17.18	/	/	<=33	Pass
		Inner_1RB Right	16.85	/	/	17.34	/	/	<=33	Pass
	2535	Edge 1RB Left	16.64	/	/	17.13	/	/	<=33	Pass
		Edge 1RB Right	16.46	/	/	16.95	/	/	<=33	Pass
		Outer_Full	16.35	/	/	16.84	/	/	<=33	Pass
		Inner_Full	16.43	/	/	16.92	/	/	<=33	Pass
		Inner_1RB Left	16.58	/	/	17.07	/	/	<=33	Pass
		Inner_1RB Right	16.46	/	/	16.95	/	/	<=33	Pass
	2565	Edge 1RB Left	16.70	/	/	17.19	/	/	<=33	Pass
		Edge 1RB Right	16.74	/	/	17.23	/	/	<=33	Pass
		Outer_Full	16.52	/	/	17.01	/	/	<=33	Pass
Inner_Full		16.59	/	/	17.08	/	/	<=33	Pass	
Inner_1RB Left		16.67	/	/	17.16	/	/	<=33	Pass	
	Inner_1RB Right	16.69	/	/	17.18	/	/	<=33	Pass	
Note1: Antenna Gain: Ant31: 0.49dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_15MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2507.5	Edge 1RB Left	22.58	/	/	23.07	/	/	<=33	Pass
		Edge 1RB Right	22.56	/	/	23.05	/	/	<=33	Pass
		Outer_Full	22.60	/	/	23.09	/	/	<=33	Pass

		Inner_Full	23.09	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Left	23.09	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Right	22.66	/	/	23.15	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.40	/	/	22.89	/	/	<=33	Pass
		Edge_1RB_Right	22.24	/	/	22.73	/	/	<=33	Pass
		Outer_Full	22.33	/	/	22.82	/	/	<=33	Pass
		Inner_Full	22.84	/	/	23.33	/	/	<=33	Pass
		Inner_1RB_Left	22.88	/	/	23.37	/	/	<=33	Pass
		Inner_1RB_Right	22.85	/	/	23.34	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.68	/	/	23.17	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	23.24	/	/	<=33	Pass
		Outer_Full	22.78	/	/	23.27	/	/	<=33	Pass
		Inner_Full	23.35	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Left	23.18	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Right	22.77	/	/	23.26	/	/	<=33	Pass
DFT-s-OFDM QPSK	2507.5	Edge_1RB_Left	22.14	/	/	22.63	/	/	<=33	Pass
		Edge_1RB_Right	22.06	/	/	22.55	/	/	<=33	Pass
		Outer_Full	22.12	/	/	22.61	/	/	<=33	Pass
		Inner_Full	23.11	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Left	23.06	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Right	22.50	/	/	22.99	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.89	/	/	22.38	/	/	<=33	Pass
		Edge_1RB_Right	21.72	/	/	22.21	/	/	<=33	Pass
		Outer_Full	21.83	/	/	22.32	/	/	<=33	Pass
		Inner_Full	22.85	/	/	23.34	/	/	<=33	Pass
		Inner_1RB_Left	22.86	/	/	23.35	/	/	<=33	Pass
		Inner_1RB_Right	22.72	/	/	23.21	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.15	/	/	22.64	/	/	<=33	Pass
		Edge_1RB_Right	22.19	/	/	22.68	/	/	<=33	Pass
		Outer_Full	22.30	/	/	22.79	/	/	<=33	Pass
		Inner_Full	23.38	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Left	23.09	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Right	22.65	/	/	23.14	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2507.5	Edge_1RB_Left	20.63	/	/	21.12	/	/	<=33	Pass
		Edge_1RB_Right	20.90	/	/	21.39	/	/	<=33	Pass
		Outer_Full	21.23	/	/	21.72	/	/	<=33	Pass
		Inner_Full	22.12	/	/	22.61	/	/	<=33	Pass
		Inner_1RB_Left	21.72	/	/	22.21	/	/	<=33	Pass
		Inner_1RB_Right	21.71	/	/	22.20	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.69	/	/	21.18	/	/	<=33	Pass
		Edge_1RB_Right	20.40	/	/	20.89	/	/	<=33	Pass
		Outer_Full	20.97	/	/	21.46	/	/	<=33	Pass
		Inner_Full	21.87	/	/	22.36	/	/	<=33	Pass
		Inner_1RB_Left	21.51	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	21.40	/	/	21.89	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	20.65	/	/	21.14	/	/	<=33	Pass
		Edge_1RB_Right	20.82	/	/	21.31	/	/	<=33	Pass
		Outer_Full	21.22	/	/	21.71	/	/	<=33	Pass
		Inner_Full	22.39	/	/	22.88	/	/	<=33	Pass
		Inner_1RB_Left	21.80	/	/	22.29	/	/	<=33	Pass
		Inner_1RB_Right	21.89	/	/	22.38	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2507.5	Edge_1RB_Left	20.21	/	/	20.70	/	/	<=33	Pass
		Edge_1RB_Right	20.39	/	/	20.88	/	/	<=33	Pass
		Outer_Full	20.80	/	/	21.29	/	/	<=33	Pass
		Inner_Full	20.77	/	/	21.26	/	/	<=33	Pass
		Inner_1RB_Left	20.23	/	/	20.72	/	/	<=33	Pass
		Inner_1RB_Right	20.54	/	/	21.03	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.31	/	/	20.80	/	/	<=33	Pass
		Edge_1RB_Right	19.91	/	/	20.40	/	/	<=33	Pass

		Outer_Full	20.55	/	/	21.04	/	/	<=33	Pass
		Inner_Full	20.58	/	/	21.07	/	/	<=33	Pass
		Inner_1RB_Left	20.30	/	/	20.79	/	/	<=33	Pass
		Inner_1RB_Right	19.88	/	/	20.37	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	20.24	/	/	20.73	/	/	<=33	Pass
		Edge_1RB_Right	20.42	/	/	20.91	/	/	<=33	Pass
		Outer_Full	20.76	/	/	21.25	/	/	<=33	Pass
		Inner_Full	20.79	/	/	21.28	/	/	<=33	Pass
		Inner_1RB_Left	20.27	/	/	20.76	/	/	<=33	Pass
		Inner_1RB_Right	20.44	/	/	20.93	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2507.5	Edge_1RB_Left	18.42	/	/	18.91	/	/	<=33	Pass
		Edge_1RB_Right	18.72	/	/	19.21	/	/	<=33	Pass
		Outer_Full	18.62	/	/	19.11	/	/	<=33	Pass
		Inner_Full	18.65	/	/	19.14	/	/	<=33	Pass
		Inner_1RB_Left	18.41	/	/	18.90	/	/	<=33	Pass
		Inner_1RB_Right	18.67	/	/	19.16	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.51	/	/	19.00	/	/	<=33	Pass
		Edge_1RB_Right	18.11	/	/	18.60	/	/	<=33	Pass
		Outer_Full	18.43	/	/	18.92	/	/	<=33	Pass
		Inner_Full	18.48	/	/	18.97	/	/	<=33	Pass
		Inner_1RB_Left	18.51	/	/	19.00	/	/	<=33	Pass
		Inner_1RB_Right	18.20	/	/	18.69	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	18.34	/	/	18.83	/	/	<=33	Pass
		Edge_1RB_Right	18.66	/	/	19.15	/	/	<=33	Pass
		Outer_Full	18.59	/	/	19.08	/	/	<=33	Pass
		Inner_Full	18.69	/	/	19.18	/	/	<=33	Pass
		Inner_1RB_Left	18.45	/	/	18.94	/	/	<=33	Pass
		Inner_1RB_Right	18.57	/	/	19.06	/	/	<=33	Pass
CP-OFDM QPSK	2507.5	Edge_1RB_Left	19.89	/	/	20.38	/	/	<=33	Pass
		Edge_1RB_Right	20.15	/	/	20.64	/	/	<=33	Pass
		Outer_Full	20.19	/	/	20.68	/	/	<=33	Pass
		Inner_Full	21.62	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Left	21.46	/	/	21.95	/	/	<=33	Pass
		Inner_1RB_Right	21.51	/	/	22.00	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.95	/	/	20.44	/	/	<=33	Pass
		Edge_1RB_Right	19.66	/	/	20.15	/	/	<=33	Pass
		Outer_Full	19.94	/	/	20.43	/	/	<=33	Pass
		Inner_Full	21.31	/	/	21.80	/	/	<=33	Pass
		Inner_1RB_Left	21.24	/	/	21.73	/	/	<=33	Pass
		Inner_1RB_Right	21.15	/	/	21.64	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	19.89	/	/	20.38	/	/	<=33	Pass
		Edge_1RB_Right	20.05	/	/	20.54	/	/	<=33	Pass
		Outer_Full	20.19	/	/	20.68	/	/	<=33	Pass
		Inner_Full	21.78	/	/	22.27	/	/	<=33	Pass
		Inner_1RB_Left	21.54	/	/	22.03	/	/	<=33	Pass
		Inner_1RB_Right	21.64	/	/	22.13	/	/	<=33	Pass
CP-OFDM 16 QAM	2507.5	Edge_1RB_Left	19.65	/	/	20.14	/	/	<=33	Pass
		Edge_1RB_Right	19.93	/	/	20.42	/	/	<=33	Pass
		Outer_Full	20.25	/	/	20.74	/	/	<=33	Pass
		Inner_Full	21.29	/	/	21.78	/	/	<=33	Pass
		Inner_1RB_Left	20.67	/	/	21.16	/	/	<=33	Pass
		Inner_1RB_Right	20.92	/	/	21.41	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.21	/	/	20.70	/	/	<=33	Pass
		Edge_1RB_Right	19.91	/	/	20.40	/	/	<=33	Pass
		Outer_Full	20.00	/	/	20.49	/	/	<=33	Pass
		Inner_Full	21.07	/	/	21.56	/	/	<=33	Pass
		Inner_1RB_Left	21.16	/	/	21.65	/	/	<=33	Pass
		Inner_1RB_Right	20.43	/	/	20.92	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	20.14	/	/	20.63	/	/	<=33	Pass

		Edge_1RB_Right	20.30	/	/	20.79	/	/	<=33	Pass	
		Outer_Full	20.20	/	/	20.69	/	/	<=33	Pass	
		Inner_Full	21.22	/	/	21.71	/	/	<=33	Pass	
		Inner_1RB_Left	21.12	/	/	21.61	/	/	<=33	Pass	
		Inner_1RB_Right	21.30	/	/	21.79	/	/	<=33	Pass	
CP-OFDM 64 QAM	2507.5	Edge_1RB_Left	19.15	/	/	19.64	/	/	<=33	Pass	
		Edge_1RB_Right	19.32	/	/	19.81	/	/	<=33	Pass	
		Outer_Full	19.77	/	/	20.26	/	/	<=33	Pass	
		Inner_Full	19.80	/	/	20.29	/	/	<=33	Pass	
		Inner_1RB_Left	19.15	/	/	19.64	/	/	<=33	Pass	
		Inner_1RB_Right	19.33	/	/	19.82	/	/	<=33	Pass	
	2535	Edge_1RB_Left	19.74	/	/	20.23	/	/	<=33	Pass	
		Edge_1RB_Right	19.41	/	/	19.90	/	/	<=33	Pass	
		Outer_Full	19.50	/	/	19.99	/	/	<=33	Pass	
		Inner_Full	19.58	/	/	20.07	/	/	<=33	Pass	
		Inner_1RB_Left	19.67	/	/	20.16	/	/	<=33	Pass	
		Inner_1RB_Right	19.42	/	/	19.91	/	/	<=33	Pass	
	2562.5	Edge_1RB_Left	19.61	/	/	20.10	/	/	<=33	Pass	
		Edge_1RB_Right	19.79	/	/	20.28	/	/	<=33	Pass	
		Outer_Full	19.76	/	/	20.25	/	/	<=33	Pass	
		Inner_Full	19.75	/	/	20.24	/	/	<=33	Pass	
		Inner_1RB_Left	19.69	/	/	20.18	/	/	<=33	Pass	
		Inner_1RB_Right	19.77	/	/	20.26	/	/	<=33	Pass	
	CP-OFDM 256 QAM	2507.5	Edge_1RB_Left	16.65	/	/	17.14	/	/	<=33	Pass
			Edge_1RB_Right	16.99	/	/	17.48	/	/	<=33	Pass
Outer_Full			16.68	/	/	17.17	/	/	<=33	Pass	
Inner_Full			16.69	/	/	17.18	/	/	<=33	Pass	
Inner_1RB_Left			16.67	/	/	17.16	/	/	<=33	Pass	
Inner_1RB_Right			16.93	/	/	17.42	/	/	<=33	Pass	
2535		Edge_1RB_Left	16.73	/	/	17.22	/	/	<=33	Pass	
		Edge_1RB_Right	16.46	/	/	16.95	/	/	<=33	Pass	
		Outer_Full	16.39	/	/	16.88	/	/	<=33	Pass	
		Inner_Full	16.46	/	/	16.95	/	/	<=33	Pass	
		Inner_1RB_Left	16.70	/	/	17.19	/	/	<=33	Pass	
		Inner_1RB_Right	16.43	/	/	16.92	/	/	<=33	Pass	
2562.5		Edge_1RB_Left	16.64	/	/	17.13	/	/	<=33	Pass	
		Edge_1RB_Right	16.87	/	/	17.36	/	/	<=33	Pass	
		Outer_Full	16.64	/	/	17.13	/	/	<=33	Pass	
	Inner_Full	16.69	/	/	17.18	/	/	<=33	Pass		
	Inner_1RB_Left	16.64	/	/	17.13	/	/	<=33	Pass		
		Inner_1RB_Right	16.83	/	/	17.32	/	/	<=33	Pass	
Note1: Antenna Gain: Ant31: 0.49dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.4 15k_SISO_20MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2510	Edge 1RB Left	22.57	/	/	23.06	/	/	<=33	Pass
		Edge 1RB Right	22.61	/	/	23.10	/	/	<=33	Pass
		Outer_Full	22.65	/	/	23.14	/	/	<=33	Pass
		Inner_Full	23.14	/	/	23.63	/	/	<=33	Pass
		Inner 1RB Left	23.12	/	/	23.61	/	/	<=33	Pass
		Inner 1RB Right	23.15	/	/	23.64	/	/	<=33	Pass
	2535	Edge 1RB Left	22.43	/	/	22.92	/	/	<=33	Pass
		Edge 1RB Right	22.30	/	/	22.79	/	/	<=33	Pass
		Outer_Full	22.34	/	/	22.83	/	/	<=33	Pass

		Inner_Full	22.93	/	/	23.42	/	/	<=33	Pass
		Inner_1RB_Left	22.94	/	/	23.43	/	/	<=33	Pass
		Inner_1RB_Right	22.84	/	/	23.33	/	/	<=33	Pass
	2560	Edge_1RB_Left	22.46	/	/	22.95	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	23.20	/	/	<=33	Pass
		Outer_Full	22.73	/	/	23.22	/	/	<=33	Pass
		Inner_Full	23.34	/	/	23.83	/	/	<=33	Pass
		Inner_1RB_Left	23.01	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Right	23.20	/	/	23.69	/	/	<=33	Pass
DFT-s-OFDM QPSK	2510	Edge_1RB_Left	22.12	/	/	22.61	/	/	<=33	Pass
		Edge_1RB_Right	22.13	/	/	22.62	/	/	<=33	Pass
		Outer_Full	22.16	/	/	22.65	/	/	<=33	Pass
		Inner_Full	23.17	/	/	23.66	/	/	<=33	Pass
		Inner_1RB_Left	23.09	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Right	23.00	/	/	23.49	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.92	/	/	22.41	/	/	<=33	Pass
		Edge_1RB_Right	21.77	/	/	22.26	/	/	<=33	Pass
		Outer_Full	21.82	/	/	22.31	/	/	<=33	Pass
		Inner_Full	22.88	/	/	23.37	/	/	<=33	Pass
		Inner_1RB_Left	22.86	/	/	23.35	/	/	<=33	Pass
		Inner_1RB_Right	22.26	/	/	22.75	/	/	<=33	Pass
	2560	Edge_1RB_Left	21.94	/	/	22.43	/	/	<=33	Pass
		Edge_1RB_Right	22.25	/	/	22.74	/	/	<=33	Pass
		Outer_Full	22.24	/	/	22.73	/	/	<=33	Pass
		Inner_Full	23.36	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Left	22.95	/	/	23.44	/	/	<=33	Pass
		Inner_1RB_Right	22.83	/	/	23.32	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2510	Edge_1RB_Left	20.66	/	/	21.15	/	/	<=33	Pass
		Edge_1RB_Right	20.98	/	/	21.47	/	/	<=33	Pass
		Outer_Full	21.29	/	/	21.78	/	/	<=33	Pass
		Inner_Full	22.19	/	/	22.68	/	/	<=33	Pass
		Inner_1RB_Left	21.73	/	/	22.22	/	/	<=33	Pass
		Inner_1RB_Right	21.72	/	/	22.21	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.77	/	/	21.26	/	/	<=33	Pass
		Edge_1RB_Right	20.37	/	/	20.86	/	/	<=33	Pass
		Outer_Full	21.01	/	/	21.50	/	/	<=33	Pass
		Inner_Full	21.90	/	/	22.39	/	/	<=33	Pass
		Inner_1RB_Left	21.60	/	/	22.09	/	/	<=33	Pass
		Inner_1RB_Right	21.44	/	/	21.93	/	/	<=33	Pass
	2560	Edge_1RB_Left	20.54	/	/	21.03	/	/	<=33	Pass
		Edge_1RB_Right	20.83	/	/	21.32	/	/	<=33	Pass
		Outer_Full	21.16	/	/	21.65	/	/	<=33	Pass
		Inner_Full	22.29	/	/	22.78	/	/	<=33	Pass
		Inner_1RB_Left	21.65	/	/	22.14	/	/	<=33	Pass
		Inner_1RB_Right	21.93	/	/	22.42	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2510	Edge_1RB_Left	20.28	/	/	20.77	/	/	<=33	Pass
		Edge_1RB_Right	20.55	/	/	21.04	/	/	<=33	Pass
		Outer_Full	20.79	/	/	21.28	/	/	<=33	Pass
		Inner_Full	20.77	/	/	21.26	/	/	<=33	Pass
		Inner_1RB_Left	20.29	/	/	20.78	/	/	<=33	Pass
		Inner_1RB_Right	20.56	/	/	21.05	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.39	/	/	20.88	/	/	<=33	Pass
		Edge_1RB_Right	20.01	/	/	20.50	/	/	<=33	Pass
		Outer_Full	20.49	/	/	20.98	/	/	<=33	Pass
		Inner_Full	20.54	/	/	21.03	/	/	<=33	Pass
		Inner_1RB_Left	20.30	/	/	20.79	/	/	<=33	Pass
		Inner_1RB_Right	20.01	/	/	20.50	/	/	<=33	Pass
	2560	Edge_1RB_Left	20.13	/	/	20.62	/	/	<=33	Pass
		Edge_1RB_Right	20.43	/	/	20.92	/	/	<=33	Pass

		Outer_Full	20.65	/	/	21.14	/	/	<=33	Pass
		Inner_Full	20.64	/	/	21.13	/	/	<=33	Pass
		Inner_1RB_Left	20.09	/	/	20.58	/	/	<=33	Pass
		Inner_1RB_Right	20.40	/	/	20.89	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2510	Edge_1RB_Left	18.50	/	/	18.99	/	/	<=33	Pass
		Edge_1RB_Right	18.78	/	/	19.27	/	/	<=33	Pass
		Outer_Full	18.72	/	/	19.21	/	/	<=33	Pass
		Inner_Full	18.76	/	/	19.25	/	/	<=33	Pass
		Inner_1RB_Left	18.48	/	/	18.97	/	/	<=33	Pass
		Inner_1RB_Right	18.81	/	/	19.30	/	/	<=33	Pass
		Edge_1RB_Left	18.58	/	/	19.07	/	/	<=33	Pass
		Edge_1RB_Right	18.21	/	/	18.70	/	/	<=33	Pass
	2535	Outer_Full	18.44	/	/	18.93	/	/	<=33	Pass
		Inner_Full	18.46	/	/	18.95	/	/	<=33	Pass
		Inner_1RB_Left	18.59	/	/	19.08	/	/	<=33	Pass
		Inner_1RB_Right	18.22	/	/	18.71	/	/	<=33	Pass
		Edge_1RB_Left	18.33	/	/	18.82	/	/	<=33	Pass
		Edge_1RB_Right	18.61	/	/	19.10	/	/	<=33	Pass
	2560	Outer_Full	18.55	/	/	19.04	/	/	<=33	Pass
		Inner_Full	18.59	/	/	19.08	/	/	<=33	Pass
		Inner_1RB_Left	18.32	/	/	18.81	/	/	<=33	Pass
		Inner_1RB_Right	18.63	/	/	19.12	/	/	<=33	Pass
CP-OFDM QPSK	2510	Edge_1RB_Left	19.90	/	/	20.39	/	/	<=33	Pass
		Edge_1RB_Right	20.30	/	/	20.79	/	/	<=33	Pass
		Outer_Full	20.31	/	/	20.80	/	/	<=33	Pass
		Inner_Full	21.68	/	/	22.17	/	/	<=33	Pass
		Inner_1RB_Left	21.49	/	/	21.98	/	/	<=33	Pass
		Inner_1RB_Right	21.43	/	/	21.92	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.08	/	/	20.57	/	/	<=33	Pass
		Edge_1RB_Right	19.68	/	/	20.17	/	/	<=33	Pass
		Outer_Full	19.93	/	/	20.42	/	/	<=33	Pass
		Inner_Full	21.38	/	/	21.87	/	/	<=33	Pass
		Inner_1RB_Left	21.28	/	/	21.77	/	/	<=33	Pass
		Inner_1RB_Right	21.13	/	/	21.62	/	/	<=33	Pass
	2560	Edge_1RB_Left	19.75	/	/	20.24	/	/	<=33	Pass
		Edge_1RB_Right	20.12	/	/	20.61	/	/	<=33	Pass
		Outer_Full	20.16	/	/	20.65	/	/	<=33	Pass
		Inner_Full	21.81	/	/	22.30	/	/	<=33	Pass
		Inner_1RB_Left	21.41	/	/	21.90	/	/	<=33	Pass
		Inner_1RB_Right	21.56	/	/	22.05	/	/	<=33	Pass
CP-OFDM 16 QAM	2510	Edge_1RB_Left	20.22	/	/	20.71	/	/	<=33	Pass
		Edge_1RB_Right	20.43	/	/	20.92	/	/	<=33	Pass
		Outer_Full	20.36	/	/	20.85	/	/	<=33	Pass
		Inner_Full	21.30	/	/	21.79	/	/	<=33	Pass
		Inner_1RB_Left	21.17	/	/	21.66	/	/	<=33	Pass
		Inner_1RB_Right	21.41	/	/	21.90	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.30	/	/	20.79	/	/	<=33	Pass
		Edge_1RB_Right	19.96	/	/	20.45	/	/	<=33	Pass
		Outer_Full	19.97	/	/	20.46	/	/	<=33	Pass
		Inner_Full	21.02	/	/	21.51	/	/	<=33	Pass
		Inner_1RB_Left	21.22	/	/	21.71	/	/	<=33	Pass
		Inner_1RB_Right	20.85	/	/	21.34	/	/	<=33	Pass
	2560	Edge_1RB_Left	20.05	/	/	20.54	/	/	<=33	Pass
		Edge_1RB_Right	20.35	/	/	20.84	/	/	<=33	Pass
		Outer_Full	20.17	/	/	20.66	/	/	<=33	Pass
		Inner_Full	21.21	/	/	21.70	/	/	<=33	Pass
		Inner_1RB_Left	21.01	/	/	21.50	/	/	<=33	Pass
		Inner_1RB_Right	21.19	/	/	21.68	/	/	<=33	Pass
CP-OFDM 64 QAM	2510	Edge_1RB_Left	19.19	/	/	19.68	/	/	<=33	Pass

		Edge 1RB Right	19.90	/	/	20.39	/	/	<=33	Pass
		Outer_Full	19.85	/	/	20.34	/	/	<=33	Pass
		Inner_Full	19.77	/	/	20.26	/	/	<=33	Pass
		Inner 1RB Left	19.18	/	/	19.67	/	/	<=33	Pass
		Inner 1RB Right	19.86	/	/	20.35	/	/	<=33	Pass
	2535	Edge 1RB Left	19.70	/	/	20.19	/	/	<=33	Pass
		Edge 1RB Right	19.37	/	/	19.86	/	/	<=33	Pass
		Outer_Full	19.47	/	/	19.96	/	/	<=33	Pass
		Inner_Full	19.49	/	/	19.98	/	/	<=33	Pass
		Inner 1RB Left	19.76	/	/	20.25	/	/	<=33	Pass
	2560	Inner 1RB Right	19.30	/	/	19.79	/	/	<=33	Pass
		Edge 1RB Left	19.51	/	/	20.00	/	/	<=33	Pass
		Edge 1RB Right	19.80	/	/	20.29	/	/	<=33	Pass
		Outer_Full	19.67	/	/	20.16	/	/	<=33	Pass
		Inner_Full	19.67	/	/	20.16	/	/	<=33	Pass
CP-OFDM 256 QAM	2510	Inner 1RB Left	19.51	/	/	20.00	/	/	<=33	Pass
		Inner 1RB Right	19.72	/	/	20.21	/	/	<=33	Pass
		Edge 1RB Left	16.72	/	/	17.21	/	/	<=33	Pass
		Edge 1RB Right	17.04	/	/	17.53	/	/	<=33	Pass
		Outer_Full	16.79	/	/	17.28	/	/	<=33	Pass
		Inner_Full	16.73	/	/	17.22	/	/	<=33	Pass
	2535	Inner 1RB Left	16.70	/	/	17.19	/	/	<=33	Pass
		Inner 1RB Right	16.97	/	/	17.46	/	/	<=33	Pass
		Edge 1RB Left	16.81	/	/	17.30	/	/	<=33	Pass
		Edge 1RB Right	16.43	/	/	16.92	/	/	<=33	Pass
		Outer_Full	16.42	/	/	16.91	/	/	<=33	Pass
		Inner_Full	16.42	/	/	16.91	/	/	<=33	Pass
	2560	Inner 1RB Left	16.80	/	/	17.29	/	/	<=33	Pass
		Inner 1RB Right	16.35	/	/	16.84	/	/	<=33	Pass
		Edge 1RB Left	16.48	/	/	16.97	/	/	<=33	Pass
Edge 1RB Right		16.87	/	/	17.36	/	/	<=33	Pass	
Outer_Full		16.67	/	/	17.16	/	/	<=33	Pass	
	Inner_Full	16.60	/	/	17.09	/	/	<=33	Pass	
	Inner 1RB Left	16.54	/	/	17.03	/	/	<=33	Pass	
		Inner 1RB Right	16.75	/	/	17.24	/	/	<=33	Pass
Note1: Antenna Gain: Ant31: 0.49dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 15k_SISO_25MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 25MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2512.5	Edge 1RB Left	22.23	/	/	22.72	/	/	<=33	Pass
		Edge 1RB Right	22.21	/	/	22.70	/	/	<=33	Pass
		Outer_Full	22.70	/	/	23.19	/	/	<=33	Pass
		Inner_Full	23.23	/	/	23.72	/	/	<=33	Pass
		Inner 1RB Left	22.64	/	/	23.13	/	/	<=33	Pass
		Inner 1RB Right	22.61	/	/	23.10	/	/	<=33	Pass
	2535	Edge 1RB Left	22.49	/	/	22.98	/	/	<=33	Pass
		Edge 1RB Right	21.91	/	/	22.40	/	/	<=33	Pass
		Outer_Full	22.33	/	/	22.82	/	/	<=33	Pass
		Inner_Full	22.99	/	/	23.48	/	/	<=33	Pass
		Inner 1RB Left	22.55	/	/	23.04	/	/	<=33	Pass
	2557.5	Inner 1RB Right	22.38	/	/	22.87	/	/	<=33	Pass
		Edge 1RB Left	21.92	/	/	22.41	/	/	<=33	Pass
		Edge 1RB Right	22.25	/	/	22.74	/	/	<=33	Pass
		Outer_Full	22.73	/	/	23.22	/	/	<=33	Pass

		Inner_Full	23.31	/	/	23.80	/	/	<=33	Pass
		Inner_1RB_Left	22.42	/	/	22.91	/	/	<=33	Pass
		Inner_1RB_Right	22.73	/	/	23.22	/	/	<=33	Pass
DFT-s-OFDM QPSK	2512.5	Edge_1RB_Left	21.62	/	/	22.11	/	/	<=33	Pass
		Edge_1RB_Right	21.57	/	/	22.06	/	/	<=33	Pass
		Outer_Full	22.18	/	/	22.67	/	/	<=33	Pass
		Inner_Full	23.21	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Left	22.55	/	/	23.04	/	/	<=33	Pass
		Inner_1RB_Right	22.53	/	/	23.02	/	/	<=33	Pass
		Edge_1RB_Left	21.92	/	/	22.41	/	/	<=33	Pass
	2535	Edge_1RB_Right	21.30	/	/	21.79	/	/	<=33	Pass
		Outer_Full	21.85	/	/	22.34	/	/	<=33	Pass
		Inner_Full	22.98	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	22.40	/	/	22.89	/	/	<=33	Pass
		Inner_1RB_Right	22.26	/	/	22.75	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	21.35	/	/	21.84	/	/	<=33	Pass
		Edge_1RB_Right	21.69	/	/	22.18	/	/	<=33	Pass
		Outer_Full	22.24	/	/	22.73	/	/	<=33	Pass
		Inner_Full	23.31	/	/	23.80	/	/	<=33	Pass
		Inner_1RB_Left	22.31	/	/	22.80	/	/	<=33	Pass
		Inner_1RB_Right	22.66	/	/	23.15	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2512.5	Edge_1RB_Left	20.75	/	/	21.24	/	/	<=33	Pass
		Edge_1RB_Right	20.92	/	/	21.41	/	/	<=33	Pass
		Outer_Full	21.44	/	/	21.93	/	/	<=33	Pass
		Inner_Full	22.19	/	/	22.68	/	/	<=33	Pass
		Inner_1RB_Left	21.73	/	/	22.22	/	/	<=33	Pass
		Inner_1RB_Right	21.70	/	/	22.19	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.75	/	/	21.24	/	/	<=33	Pass
		Edge_1RB_Right	20.37	/	/	20.86	/	/	<=33	Pass
		Outer_Full	21.03	/	/	21.52	/	/	<=33	Pass
		Inner_Full	21.92	/	/	22.41	/	/	<=33	Pass
		Inner_1RB_Left	21.60	/	/	22.09	/	/	<=33	Pass
	2557.5	Inner_1RB_Right	21.47	/	/	21.96	/	/	<=33	Pass
		Edge_1RB_Left	20.42	/	/	20.91	/	/	<=33	Pass
		Edge_1RB_Right	20.78	/	/	21.27	/	/	<=33	Pass
		Outer_Full	21.21	/	/	21.70	/	/	<=33	Pass
		Inner_Full	22.26	/	/	22.75	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2512.5	Inner_1RB_Left	21.48	/	/	21.97	/	/	<=33	Pass
		Inner_1RB_Right	21.89	/	/	22.38	/	/	<=33	Pass
		Edge_1RB_Left	20.32	/	/	20.81	/	/	<=33	Pass
		Edge_1RB_Right	20.52	/	/	21.01	/	/	<=33	Pass
		Outer_Full	20.91	/	/	21.40	/	/	<=33	Pass
		Inner_Full	20.92	/	/	21.41	/	/	<=33	Pass
	2535	Inner_1RB_Left	20.34	/	/	20.83	/	/	<=33	Pass
		Inner_1RB_Right	20.56	/	/	21.05	/	/	<=33	Pass
		Edge_1RB_Left	20.39	/	/	20.88	/	/	<=33	Pass
		Edge_1RB_Right	19.95	/	/	20.44	/	/	<=33	Pass
		Outer_Full	20.52	/	/	21.01	/	/	<=33	Pass
		Inner_Full	20.59	/	/	21.08	/	/	<=33	Pass
	2557.5	Inner_1RB_Left	20.35	/	/	20.84	/	/	<=33	Pass
		Inner_1RB_Right	19.98	/	/	20.47	/	/	<=33	Pass
		Edge_1RB_Left	20.03	/	/	20.52	/	/	<=33	Pass
		Edge_1RB_Right	20.42	/	/	20.91	/	/	<=33	Pass
		Outer_Full	20.66	/	/	21.15	/	/	<=33	Pass
		Inner_Full	20.66	/	/	21.15	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2512.5	Inner_1RB_Left	20.02	/	/	20.51	/	/	<=33	Pass
		Inner_1RB_Right	20.38	/	/	20.87	/	/	<=33	Pass
		Edge_1RB_Left	18.46	/	/	18.95	/	/	<=33	Pass
		Edge_1RB_Right	18.63	/	/	19.12	/	/	<=33	Pass

		Outer_Full	18.85	/	/	19.34	/	/	<=33	Pass
		Inner_Full	18.84	/	/	19.33	/	/	<=33	Pass
		Inner_1RB_Left	18.47	/	/	18.96	/	/	<=33	Pass
		Inner_1RB_Right	18.75	/	/	19.24	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.53	/	/	19.02	/	/	<=33	Pass
		Edge_1RB_Right	18.17	/	/	18.66	/	/	<=33	Pass
		Outer_Full	18.45	/	/	18.94	/	/	<=33	Pass
		Inner_Full	18.52	/	/	19.01	/	/	<=33	Pass
		Inner_1RB_Left	18.56	/	/	19.05	/	/	<=33	Pass
		Inner_1RB_Right	18.20	/	/	18.69	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	18.25	/	/	18.74	/	/	<=33	Pass
		Edge_1RB_Right	18.57	/	/	19.06	/	/	<=33	Pass
		Outer_Full	18.59	/	/	19.08	/	/	<=33	Pass
		Inner_Full	18.53	/	/	19.02	/	/	<=33	Pass
		Inner_1RB_Left	18.15	/	/	18.64	/	/	<=33	Pass
		Inner_1RB_Right	18.54	/	/	19.03	/	/	<=33	Pass
CP-OFDM QPSK	2512.5	Edge_1RB_Left	20.07	/	/	20.56	/	/	<=33	Pass
		Edge_1RB_Right	19.71	/	/	20.20	/	/	<=33	Pass
		Outer_Full	20.34	/	/	20.83	/	/	<=33	Pass
		Inner_Full	21.69	/	/	22.18	/	/	<=33	Pass
		Inner_1RB_Left	21.51	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	21.52	/	/	22.01	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.99	/	/	20.48	/	/	<=33	Pass
		Edge_1RB_Right	19.17	/	/	19.66	/	/	<=33	Pass
		Outer_Full	19.89	/	/	20.38	/	/	<=33	Pass
		Inner_Full	21.42	/	/	21.91	/	/	<=33	Pass
		Inner_1RB_Left	21.00	/	/	21.49	/	/	<=33	Pass
		Inner_1RB_Right	20.70	/	/	21.19	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	19.23	/	/	19.72	/	/	<=33	Pass
		Edge_1RB_Right	19.53	/	/	20.02	/	/	<=33	Pass
		Outer_Full	20.12	/	/	20.61	/	/	<=33	Pass
		Inner_Full	21.67	/	/	22.16	/	/	<=33	Pass
		Inner_1RB_Left	20.72	/	/	21.21	/	/	<=33	Pass
		Inner_1RB_Right	21.01	/	/	21.50	/	/	<=33	Pass
CP-OFDM 16 QAM	2512.5	Edge_1RB_Left	19.84	/	/	20.33	/	/	<=33	Pass
		Edge_1RB_Right	19.95	/	/	20.44	/	/	<=33	Pass
		Outer_Full	20.39	/	/	20.88	/	/	<=33	Pass
		Inner_Full	21.37	/	/	21.86	/	/	<=33	Pass
		Inner_1RB_Left	20.75	/	/	21.24	/	/	<=33	Pass
		Inner_1RB_Right	20.91	/	/	21.40	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.78	/	/	20.27	/	/	<=33	Pass
		Edge_1RB_Right	19.45	/	/	19.94	/	/	<=33	Pass
		Outer_Full	19.93	/	/	20.42	/	/	<=33	Pass
		Inner_Full	21.03	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Left	20.76	/	/	21.25	/	/	<=33	Pass
		Inner_1RB_Right	20.46	/	/	20.95	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	19.40	/	/	19.89	/	/	<=33	Pass
		Edge_1RB_Right	19.77	/	/	20.26	/	/	<=33	Pass
		Outer_Full	20.15	/	/	20.64	/	/	<=33	Pass
		Inner_Full	21.10	/	/	21.59	/	/	<=33	Pass
		Inner_1RB_Left	20.45	/	/	20.94	/	/	<=33	Pass
		Inner_1RB_Right	20.73	/	/	21.22	/	/	<=33	Pass
CP-OFDM 64 QAM	2512.5	Edge_1RB_Left	19.25	/	/	19.74	/	/	<=33	Pass
		Edge_1RB_Right	19.38	/	/	19.87	/	/	<=33	Pass
		Outer_Full	19.84	/	/	20.33	/	/	<=33	Pass
		Inner_Full	19.87	/	/	20.36	/	/	<=33	Pass
		Inner_1RB_Left	19.26	/	/	19.75	/	/	<=33	Pass
		Inner_1RB_Right	19.94	/	/	20.43	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.24	/	/	19.73	/	/	<=33	Pass

		Edge_1RB_Right	18.80	/	/	19.29	/	/	<=33	Pass
		Outer_Full	19.46	/	/	19.95	/	/	<=33	Pass
		Inner_Full	19.51	/	/	20.00	/	/	<=33	Pass
		Inner_1RB_Left	19.18	/	/	19.67	/	/	<=33	Pass
		Inner_1RB_Right	18.94	/	/	19.43	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	18.91	/	/	19.40	/	/	<=33	Pass
		Edge_1RB_Right	19.21	/	/	19.70	/	/	<=33	Pass
		Outer_Full	19.63	/	/	20.12	/	/	<=33	Pass
		Inner_Full	19.59	/	/	20.08	/	/	<=33	Pass
		Inner_1RB_Left	18.90	/	/	19.39	/	/	<=33	Pass
		Inner_1RB_Right	19.19	/	/	19.68	/	/	<=33	Pass
CP-OFDM 256 QAM	2512.5	Edge_1RB_Left	16.82	/	/	17.31	/	/	<=33	Pass
		Edge_1RB_Right	16.99	/	/	17.48	/	/	<=33	Pass
		Outer_Full	16.83	/	/	17.32	/	/	<=33	Pass
		Inner_Full	16.83	/	/	17.32	/	/	<=33	Pass
		Inner_1RB_Left	16.80	/	/	17.29	/	/	<=33	Pass
		Inner_1RB_Right	16.99	/	/	17.48	/	/	<=33	Pass
	2535	Edge_1RB_Left	16.81	/	/	17.30	/	/	<=33	Pass
		Edge_1RB_Right	16.42	/	/	16.91	/	/	<=33	Pass
		Outer_Full	16.36	/	/	16.85	/	/	<=33	Pass
		Inner_Full	16.44	/	/	16.93	/	/	<=33	Pass
		Inner_1RB_Left	16.80	/	/	17.29	/	/	<=33	Pass
		Inner_1RB_Right	16.41	/	/	16.90	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	16.50	/	/	16.99	/	/	<=33	Pass
		Edge_1RB_Right	16.77	/	/	17.26	/	/	<=33	Pass
		Outer_Full	16.62	/	/	17.11	/	/	<=33	Pass
		Inner_Full	16.58	/	/	17.07	/	/	<=33	Pass
		Inner_1RB_Left	16.46	/	/	16.95	/	/	<=33	Pass
		Inner_1RB_Right	16.83	/	/	17.32	/	/	<=33	Pass
Note1: Antenna Gain: Ant31: 0.49dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 15k_SISO_30MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2515	Edge 1RB Left	22.54	/	/	23.03	/	/	<=33	Pass
		Edge 1RB Right	21.93	/	/	22.42	/	/	<=33	Pass
		Outer Full	22.61	/	/	23.10	/	/	<=33	Pass
		Inner Full	23.21	/	/	23.70	/	/	<=33	Pass
		Inner 1RB Left	22.57	/	/	23.06	/	/	<=33	Pass
		Inner 1RB Right	22.48	/	/	22.97	/	/	<=33	Pass
	2535	Edge 1RB Left	22.51	/	/	23.00	/	/	<=33	Pass
		Edge 1RB Right	21.89	/	/	22.38	/	/	<=33	Pass
		Outer Full	22.43	/	/	22.92	/	/	<=33	Pass
		Inner Full	23.01	/	/	23.50	/	/	<=33	Pass
		Inner 1RB Left	22.51	/	/	23.00	/	/	<=33	Pass
		Inner 1RB Right	22.42	/	/	22.91	/	/	<=33	Pass
	2555	Edge 1RB Left	22.35	/	/	22.84	/	/	<=33	Pass
		Edge 1RB Right	22.69	/	/	23.18	/	/	<=33	Pass
		Outer Full	22.71	/	/	23.20	/	/	<=33	Pass
		Inner Full	23.27	/	/	23.76	/	/	<=33	Pass
		Inner 1RB Left	22.32	/	/	22.81	/	/	<=33	Pass
		Inner 1RB Right	22.70	/	/	23.19	/	/	<=33	Pass
DFT-s-OFDM QPSK	2515	Edge 1RB Left	22.05	/	/	22.54	/	/	<=33	Pass
		Edge 1RB Right	21.97	/	/	22.46	/	/	<=33	Pass
		Outer Full	22.14	/	/	22.63	/	/	<=33	Pass

		Inner_Full	23.20	/	/	23.69	/	/	<=33	Pass
		Inner_1RB_Left	22.58	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Right	22.34	/	/	22.83	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.98	/	/	22.47	/	/	<=33	Pass
		Edge_1RB_Right	21.39	/	/	21.88	/	/	<=33	Pass
		Outer_Full	21.93	/	/	22.42	/	/	<=33	Pass
		Inner_Full	23.06	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Left	22.50	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Right	22.32	/	/	22.81	/	/	<=33	Pass
	2555	Edge_1RB_Left	21.76	/	/	22.25	/	/	<=33	Pass
		Edge_1RB_Right	22.18	/	/	22.67	/	/	<=33	Pass
		Outer_Full	22.15	/	/	22.64	/	/	<=33	Pass
		Inner_Full	23.28	/	/	23.77	/	/	<=33	Pass
		Inner_1RB_Left	22.75	/	/	23.24	/	/	<=33	Pass
		Inner_1RB_Right	23.14	/	/	23.63	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2515	Edge_1RB_Left	20.70	/	/	21.19	/	/	<=33	Pass
		Edge_1RB_Right	20.77	/	/	21.26	/	/	<=33	Pass
		Outer_Full	21.33	/	/	21.82	/	/	<=33	Pass
		Inner_Full	22.22	/	/	22.71	/	/	<=33	Pass
		Inner_1RB_Left	21.72	/	/	22.21	/	/	<=33	Pass
		Inner_1RB_Right	21.61	/	/	22.10	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.85	/	/	21.34	/	/	<=33	Pass
		Edge_1RB_Right	20.46	/	/	20.95	/	/	<=33	Pass
		Outer_Full	21.08	/	/	21.57	/	/	<=33	Pass
		Inner_Full	22.05	/	/	22.54	/	/	<=33	Pass
		Inner_1RB_Left	21.68	/	/	22.17	/	/	<=33	Pass
		Inner_1RB_Right	21.56	/	/	22.05	/	/	<=33	Pass
	2555	Edge_1RB_Left	20.45	/	/	20.94	/	/	<=33	Pass
		Edge_1RB_Right	20.77	/	/	21.26	/	/	<=33	Pass
		Outer_Full	21.14	/	/	21.63	/	/	<=33	Pass
		Inner_Full	22.27	/	/	22.76	/	/	<=33	Pass
		Inner_1RB_Left	21.40	/	/	21.89	/	/	<=33	Pass
		Inner_1RB_Right	21.90	/	/	22.39	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2515	Edge_1RB_Left	20.35	/	/	20.84	/	/	<=33	Pass
		Edge_1RB_Right	20.36	/	/	20.85	/	/	<=33	Pass
		Outer_Full	20.85	/	/	21.34	/	/	<=33	Pass
		Inner_Full	20.90	/	/	21.39	/	/	<=33	Pass
		Inner_1RB_Left	20.26	/	/	20.75	/	/	<=33	Pass
		Inner_1RB_Right	20.34	/	/	20.83	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.50	/	/	20.99	/	/	<=33	Pass
		Edge_1RB_Right	20.07	/	/	20.56	/	/	<=33	Pass
		Outer_Full	20.60	/	/	21.09	/	/	<=33	Pass
		Inner_Full	20.63	/	/	21.12	/	/	<=33	Pass
		Inner_1RB_Left	20.41	/	/	20.90	/	/	<=33	Pass
		Inner_1RB_Right	20.04	/	/	20.53	/	/	<=33	Pass
	2555	Edge_1RB_Left	20.10	/	/	20.59	/	/	<=33	Pass
		Edge_1RB_Right	20.35	/	/	20.84	/	/	<=33	Pass
		Outer_Full	20.65	/	/	21.14	/	/	<=33	Pass
		Inner_Full	20.67	/	/	21.16	/	/	<=33	Pass
		Inner_1RB_Left	20.07	/	/	20.56	/	/	<=33	Pass
		Inner_1RB_Right	20.43	/	/	20.92	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2515	Edge_1RB_Left	18.50	/	/	18.99	/	/	<=33	Pass
		Edge_1RB_Right	18.58	/	/	19.07	/	/	<=33	Pass
		Outer_Full	18.77	/	/	19.26	/	/	<=33	Pass
		Inner_Full	18.85	/	/	19.34	/	/	<=33	Pass
		Inner_1RB_Left	18.53	/	/	19.02	/	/	<=33	Pass
		Inner_1RB_Right	18.53	/	/	19.02	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.68	/	/	19.17	/	/	<=33	Pass
		Edge_1RB_Right	18.23	/	/	18.72	/	/	<=33	Pass

		Outer_Full	18.53	/	/	19.02	/	/	<=33	Pass
		Inner_Full	18.54	/	/	19.03	/	/	<=33	Pass
		Inner_1RB_Left	18.68	/	/	19.17	/	/	<=33	Pass
		Inner_1RB_Right	18.23	/	/	18.72	/	/	<=33	Pass
	2555	Edge_1RB_Left	18.30	/	/	18.79	/	/	<=33	Pass
		Edge_1RB_Right	18.55	/	/	19.04	/	/	<=33	Pass
		Outer_Full	18.57	/	/	19.06	/	/	<=33	Pass
		Inner_Full	18.56	/	/	19.05	/	/	<=33	Pass
		Inner_1RB_Left	18.30	/	/	18.79	/	/	<=33	Pass
		Inner_1RB_Right	18.64	/	/	19.13	/	/	<=33	Pass
CP-OFDM QPSK	2515	Edge_1RB_Left	19.96	/	/	20.45	/	/	<=33	Pass
		Edge_1RB_Right	20.03	/	/	20.52	/	/	<=33	Pass
		Outer_Full	20.30	/	/	20.79	/	/	<=33	Pass
		Inner_Full	21.70	/	/	22.19	/	/	<=33	Pass
		Inner_1RB_Left	21.41	/	/	21.90	/	/	<=33	Pass
		Inner_1RB_Right	21.03	/	/	21.52	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.12	/	/	20.61	/	/	<=33	Pass
		Edge_1RB_Right	19.74	/	/	20.23	/	/	<=33	Pass
		Outer_Full	20.00	/	/	20.49	/	/	<=33	Pass
		Inner_Full	21.55	/	/	22.04	/	/	<=33	Pass
		Inner_1RB_Left	21.09	/	/	21.58	/	/	<=33	Pass
		Inner_1RB_Right	20.71	/	/	21.20	/	/	<=33	Pass
	2555	Edge_1RB_Left	19.79	/	/	20.28	/	/	<=33	Pass
		Edge_1RB_Right	20.07	/	/	20.56	/	/	<=33	Pass
		Outer_Full	20.11	/	/	20.60	/	/	<=33	Pass
		Inner_Full	21.76	/	/	22.25	/	/	<=33	Pass
		Inner_1RB_Left	21.20	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Right	21.61	/	/	22.10	/	/	<=33	Pass
CP-OFDM 16 QAM	2515	Edge_1RB_Left	19.80	/	/	20.29	/	/	<=33	Pass
		Edge_1RB_Right	19.81	/	/	20.30	/	/	<=33	Pass
		Outer_Full	20.31	/	/	20.80	/	/	<=33	Pass
		Inner_Full	21.35	/	/	21.84	/	/	<=33	Pass
		Inner_1RB_Left	20.75	/	/	21.24	/	/	<=33	Pass
		Inner_1RB_Right	20.72	/	/	21.21	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.89	/	/	20.38	/	/	<=33	Pass
		Edge_1RB_Right	19.46	/	/	19.95	/	/	<=33	Pass
		Outer_Full	20.05	/	/	20.54	/	/	<=33	Pass
		Inner_Full	21.07	/	/	21.56	/	/	<=33	Pass
		Inner_1RB_Left	20.85	/	/	21.34	/	/	<=33	Pass
		Inner_1RB_Right	20.54	/	/	21.03	/	/	<=33	Pass
	2555	Edge_1RB_Left	19.57	/	/	20.06	/	/	<=33	Pass
		Edge_1RB_Right	19.82	/	/	20.31	/	/	<=33	Pass
		Outer_Full	20.15	/	/	20.64	/	/	<=33	Pass
		Inner_Full	21.12	/	/	21.61	/	/	<=33	Pass
		Inner_1RB_Left	20.51	/	/	21.00	/	/	<=33	Pass
		Inner_1RB_Right	20.77	/	/	21.26	/	/	<=33	Pass
CP-OFDM 64 QAM	2515	Edge_1RB_Left	19.17	/	/	19.66	/	/	<=33	Pass
		Edge_1RB_Right	19.22	/	/	19.71	/	/	<=33	Pass
		Outer_Full	19.84	/	/	20.33	/	/	<=33	Pass
		Inner_Full	19.92	/	/	20.41	/	/	<=33	Pass
		Inner_1RB_Left	19.19	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Right	19.26	/	/	19.75	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.42	/	/	19.91	/	/	<=33	Pass
		Edge_1RB_Right	18.98	/	/	19.47	/	/	<=33	Pass
		Outer_Full	19.55	/	/	20.04	/	/	<=33	Pass
		Inner_Full	19.63	/	/	20.12	/	/	<=33	Pass
		Inner_1RB_Left	19.40	/	/	19.89	/	/	<=33	Pass
		Inner_1RB_Right	19.01	/	/	19.50	/	/	<=33	Pass
	2555	Edge_1RB_Left	18.96	/	/	19.45	/	/	<=33	Pass

		Edge 1RB Right	19.25	/	/	19.74	/	/	<=33	Pass
		Outer Full	19.66	/	/	20.15	/	/	<=33	Pass
		Inner Full	19.66	/	/	20.15	/	/	<=33	Pass
		Inner 1RB Left	18.96	/	/	19.45	/	/	<=33	Pass
		Inner 1RB Right	19.29	/	/	19.78	/	/	<=33	Pass
CP-OFDM 256 QAM	2515	Edge 1RB Left	16.71	/	/	17.20	/	/	<=33	Pass
		Edge 1RB Right	16.82	/	/	17.31	/	/	<=33	Pass
		Outer Full	16.77	/	/	17.26	/	/	<=33	Pass
		Inner Full	16.85	/	/	17.34	/	/	<=33	Pass
		Inner 1RB Left	16.76	/	/	17.25	/	/	<=33	Pass
	2535	Inner 1RB Right	16.84	/	/	17.33	/	/	<=33	Pass
		Edge 1RB Left	16.88	/	/	17.37	/	/	<=33	Pass
		Edge 1RB Right	16.53	/	/	17.02	/	/	<=33	Pass
		Outer Full	16.50	/	/	16.99	/	/	<=33	Pass
		Inner Full	16.52	/	/	17.01	/	/	<=33	Pass
	2555	Inner 1RB Left	16.91	/	/	17.40	/	/	<=33	Pass
		Inner 1RB Right	16.54	/	/	17.03	/	/	<=33	Pass
		Edge 1RB Left	16.53	/	/	17.02	/	/	<=33	Pass
		Edge 1RB Right	16.81	/	/	17.30	/	/	<=33	Pass
		Outer Full	16.58	/	/	17.07	/	/	<=33	Pass
		Inner Full	16.57	/	/	17.06	/	/	<=33	Pass
		Inner 1RB Left	16.51	/	/	17.00	/	/	<=33	Pass
		Inner 1RB Right	16.82	/	/	17.31	/	/	<=33	Pass
Note1: Antenna Gain: Ant31: 0.49dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 15k_SISO_40MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2520	Edge_1RB_Left	22.08	/	/	22.57	/	/	<=33	Pass
		Edge_1RB_Right	21.86	/	/	22.35	/	/	<=33	Pass
		Outer_Full	22.65	/	/	23.14	/	/	<=33	Pass
		Inner_Full	23.25	/	/	23.74	/	/	<=33	Pass
		Inner_1RB_Left	22.57	/	/	23.06	/	/	<=33	Pass
		Inner_1RB_Right	22.41	/	/	22.90	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.52	/	/	23.01	/	/	<=33	Pass
		Edge_1RB_Right	22.04	/	/	22.53	/	/	<=33	Pass
		Outer_Full	22.43	/	/	22.92	/	/	<=33	Pass
		Inner_Full	23.01	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Left	22.51	/	/	23.00	/	/	<=33	Pass
		Inner_1RB_Right	22.60	/	/	23.09	/	/	<=33	Pass
	2550	Edge_1RB_Left	22.41	/	/	22.90	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	23.26	/	/	<=33	Pass
		Outer_Full	22.66	/	/	23.15	/	/	<=33	Pass
		Inner_Full	23.22	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Left	22.93	/	/	23.42	/	/	<=33	Pass
		Inner_1RB_Right	23.30	/	/	23.79	/	/	<=33	Pass
DFT-s-OFDM QPSK	2520	Edge_1RB_Left	22.06	/	/	22.55	/	/	<=33	Pass
		Edge_1RB_Right	21.85	/	/	22.34	/	/	<=33	Pass
		Outer_Full	22.08	/	/	22.57	/	/	<=33	Pass
		Inner_Full	23.23	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Left	22.53	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Right	22.33	/	/	22.82	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.97	/	/	22.46	/	/	<=33	Pass
		Edge_1RB_Right	22.02	/	/	22.51	/	/	<=33	Pass
	Outer_Full	21.93	/	/	22.42	/	/	<=33	Pass	

		Inner_Full	23.04	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Left	22.50	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Right	22.46	/	/	22.95	/	/	<=33	Pass
	2550	Edge_1RB_Left	21.89	/	/	22.38	/	/	<=33	Pass
		Edge_1RB_Right	22.25	/	/	22.74	/	/	<=33	Pass
		Outer_Full	22.15	/	/	22.64	/	/	<=33	Pass
		Inner_Full	23.21	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Left	22.86	/	/	23.35	/	/	<=33	Pass
		Inner_1RB_Right	23.18	/	/	23.67	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2520	Edge_1RB_Left	20.70	/	/	21.19	/	/	<=33	Pass
		Edge_1RB_Right	20.54	/	/	21.03	/	/	<=33	Pass
		Outer_Full	21.35	/	/	21.84	/	/	<=33	Pass
		Inner_Full	22.22	/	/	22.71	/	/	<=33	Pass
		Inner_1RB_Left	21.67	/	/	22.16	/	/	<=33	Pass
		Inner_1RB_Right	21.52	/	/	22.01	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.83	/	/	21.32	/	/	<=33	Pass
		Edge_1RB_Right	20.52	/	/	21.01	/	/	<=33	Pass
		Outer_Full	21.08	/	/	21.57	/	/	<=33	Pass
		Inner_Full	22.06	/	/	22.55	/	/	<=33	Pass
		Inner_1RB_Left	21.61	/	/	22.10	/	/	<=33	Pass
		Inner_1RB_Right	21.74	/	/	22.23	/	/	<=33	Pass
	2550	Edge_1RB_Left	20.72	/	/	21.21	/	/	<=33	Pass
		Edge_1RB_Right	20.84	/	/	21.33	/	/	<=33	Pass
		Outer_Full	21.25	/	/	21.74	/	/	<=33	Pass
		Inner_Full	22.24	/	/	22.73	/	/	<=33	Pass
		Inner_1RB_Left	21.62	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Right	21.99	/	/	22.48	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2520	Edge_1RB_Left	20.30	/	/	20.79	/	/	<=33	Pass
		Edge_1RB_Right	20.17	/	/	20.66	/	/	<=33	Pass
		Outer_Full	20.81	/	/	21.30	/	/	<=33	Pass
		Inner_Full	20.87	/	/	21.36	/	/	<=33	Pass
		Inner_1RB_Left	20.36	/	/	20.85	/	/	<=33	Pass
		Inner_1RB_Right	20.20	/	/	20.69	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.42	/	/	20.91	/	/	<=33	Pass
		Edge_1RB_Right	20.16	/	/	20.65	/	/	<=33	Pass
		Outer_Full	20.58	/	/	21.07	/	/	<=33	Pass
		Inner_Full	20.63	/	/	21.12	/	/	<=33	Pass
		Inner_1RB_Left	20.43	/	/	20.92	/	/	<=33	Pass
		Inner_1RB_Right	20.13	/	/	20.62	/	/	<=33	Pass
	2550	Edge_1RB_Left	20.28	/	/	20.77	/	/	<=33	Pass
		Edge_1RB_Right	20.50	/	/	20.99	/	/	<=33	Pass
		Outer_Full	20.73	/	/	21.22	/	/	<=33	Pass
		Inner_Full	20.69	/	/	21.18	/	/	<=33	Pass
		Inner_1RB_Left	20.37	/	/	20.86	/	/	<=33	Pass
		Inner_1RB_Right	20.43	/	/	20.92	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2520	Edge_1RB_Left	18.53	/	/	19.02	/	/	<=33	Pass
		Edge_1RB_Right	18.33	/	/	18.82	/	/	<=33	Pass
		Outer_Full	18.80	/	/	19.29	/	/	<=33	Pass
		Inner_Full	18.88	/	/	19.37	/	/	<=33	Pass
		Inner_1RB_Left	18.57	/	/	19.06	/	/	<=33	Pass
		Inner_1RB_Right	18.34	/	/	18.83	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.60	/	/	19.09	/	/	<=33	Pass
		Edge_1RB_Right	18.36	/	/	18.85	/	/	<=33	Pass
		Outer_Full	18.55	/	/	19.04	/	/	<=33	Pass
		Inner_Full	18.60	/	/	19.09	/	/	<=33	Pass
		Inner_1RB_Left	18.61	/	/	19.10	/	/	<=33	Pass
		Inner_1RB_Right	18.30	/	/	18.79	/	/	<=33	Pass
	2550	Edge_1RB_Left	18.54	/	/	19.03	/	/	<=33	Pass
		Edge_1RB_Right	18.68	/	/	19.17	/	/	<=33	Pass

		Outer_Full	18.68	/	/	19.17	/	/	<=33	Pass
		Inner_Full	18.63	/	/	19.12	/	/	<=33	Pass
		Inner_1RB_Left	18.52	/	/	19.01	/	/	<=33	Pass
		Inner_1RB_Right	18.73	/	/	19.22	/	/	<=33	Pass
CP-OFDM QPSK	2520	Edge_1RB_Left	20.00	/	/	20.49	/	/	<=33	Pass
		Edge_1RB_Right	19.83	/	/	20.32	/	/	<=33	Pass
		Outer_Full	20.31	/	/	20.80	/	/	<=33	Pass
		Inner_Full	21.70	/	/	22.19	/	/	<=33	Pass
		Inner_1RB_Left	21.46	/	/	21.95	/	/	<=33	Pass
		Inner_1RB_Right	21.43	/	/	21.92	/	/	<=33	Pass
		Edge_1RB_Left	20.10	/	/	20.59	/	/	<=33	Pass
		Edge_1RB_Right	19.78	/	/	20.27	/	/	<=33	Pass
	2535	Outer_Full	20.01	/	/	20.50	/	/	<=33	Pass
		Inner_Full	21.47	/	/	21.96	/	/	<=33	Pass
		Inner_1RB_Left	21.40	/	/	21.89	/	/	<=33	Pass
		Inner_1RB_Right	21.01	/	/	21.50	/	/	<=33	Pass
		Edge_1RB_Left	19.96	/	/	20.45	/	/	<=33	Pass
		Edge_1RB_Right	20.06	/	/	20.55	/	/	<=33	Pass
	2550	Outer_Full	20.20	/	/	20.69	/	/	<=33	Pass
		Inner_Full	21.66	/	/	22.15	/	/	<=33	Pass
		Inner_1RB_Left	21.43	/	/	21.92	/	/	<=33	Pass
		Inner_1RB_Right	21.78	/	/	22.27	/	/	<=33	Pass
CP-OFDM 16 QAM	2520	Edge_1RB_Left	19.83	/	/	20.32	/	/	<=33	Pass
		Edge_1RB_Right	19.57	/	/	20.06	/	/	<=33	Pass
		Outer_Full	20.32	/	/	20.81	/	/	<=33	Pass
		Inner_Full	21.40	/	/	21.89	/	/	<=33	Pass
		Inner_1RB_Left	20.77	/	/	21.26	/	/	<=33	Pass
		Inner_1RB_Right	20.61	/	/	21.10	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.87	/	/	20.36	/	/	<=33	Pass
		Edge_1RB_Right	19.56	/	/	20.05	/	/	<=33	Pass
		Outer_Full	20.07	/	/	20.56	/	/	<=33	Pass
		Inner_Full	21.10	/	/	21.59	/	/	<=33	Pass
		Inner_1RB_Left	20.84	/	/	21.33	/	/	<=33	Pass
		Inner_1RB_Right	20.56	/	/	21.05	/	/	<=33	Pass
	2550	Edge_1RB_Left	19.76	/	/	20.25	/	/	<=33	Pass
		Edge_1RB_Right	20.36	/	/	20.85	/	/	<=33	Pass
		Outer_Full	20.25	/	/	20.74	/	/	<=33	Pass
		Inner_Full	21.14	/	/	21.63	/	/	<=33	Pass
		Inner_1RB_Left	21.19	/	/	21.68	/	/	<=33	Pass
		Inner_1RB_Right	20.90	/	/	21.39	/	/	<=33	Pass
CP-OFDM 64 QAM	2520	Edge_1RB_Left	19.29	/	/	19.78	/	/	<=33	Pass
		Edge_1RB_Right	19.01	/	/	19.50	/	/	<=33	Pass
		Outer_Full	19.85	/	/	20.34	/	/	<=33	Pass
		Inner_Full	19.91	/	/	20.40	/	/	<=33	Pass
		Inner_1RB_Left	19.24	/	/	19.73	/	/	<=33	Pass
		Inner_1RB_Right	19.07	/	/	19.56	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.28	/	/	19.77	/	/	<=33	Pass
		Edge_1RB_Right	19.06	/	/	19.55	/	/	<=33	Pass
		Outer_Full	19.56	/	/	20.05	/	/	<=33	Pass
		Inner_Full	19.65	/	/	20.14	/	/	<=33	Pass
		Inner_1RB_Left	19.33	/	/	19.82	/	/	<=33	Pass
		Inner_1RB_Right	19.07	/	/	19.56	/	/	<=33	Pass
	2550	Edge_1RB_Left	19.25	/	/	19.74	/	/	<=33	Pass
		Edge_1RB_Right	19.28	/	/	19.77	/	/	<=33	Pass
		Outer_Full	19.77	/	/	20.26	/	/	<=33	Pass
		Inner_Full	19.67	/	/	20.16	/	/	<=33	Pass
		Inner_1RB_Left	19.67	/	/	20.16	/	/	<=33	Pass
		Inner_1RB_Right	19.80	/	/	20.29	/	/	<=33	Pass
CP-OFDM 256 QAM	2520	Edge_1RB_Left	16.76	/	/	17.25	/	/	<=33	Pass

		Edge 1RB Right	16.57	/	/	17.06	/	/	<=33	Pass
		Outer Full	16.81	/	/	17.30	/	/	<=33	Pass
		Inner Full	16.90	/	/	17.39	/	/	<=33	Pass
		Inner 1RB Left	16.81	/	/	17.30	/	/	<=33	Pass
		Inner 1RB Right	16.56	/	/	17.05	/	/	<=33	Pass
	2535	Edge 1RB Left	16.86	/	/	17.35	/	/	<=33	Pass
		Edge 1RB Right	16.57	/	/	17.06	/	/	<=33	Pass
		Outer Full	16.54	/	/	17.03	/	/	<=33	Pass
		Inner Full	16.59	/	/	17.08	/	/	<=33	Pass
		Inner 1RB Left	16.87	/	/	17.36	/	/	<=33	Pass
	2550	Inner 1RB Right	16.54	/	/	17.03	/	/	<=33	Pass
		Edge 1RB Left	16.70	/	/	17.19	/	/	<=33	Pass
		Edge 1RB Right	16.93	/	/	17.42	/	/	<=33	Pass
		Outer Full	16.67	/	/	17.16	/	/	<=33	Pass
		Inner Full	16.64	/	/	17.13	/	/	<=33	Pass
		Inner 1RB Left	16.73	/	/	17.22	/	/	<=33	Pass
		Inner 1RB Right	16.92	/	/	17.41	/	/	<=33	Pass
Note1: Antenna Gain: Ant31: 0.49dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 15k_SISO_50MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2525	Edge 1RB Left	22.04	/	/	22.53	/	/	<=33	Pass
		Edge 1RB Right	21.92	/	/	22.41	/	/	<=33	Pass
		Outer Full	22.47	/	/	22.96	/	/	<=33	Pass
		Inner Full	23.12	/	/	23.61	/	/	<=33	Pass
		Inner 1RB Left	22.52	/	/	23.01	/	/	<=33	Pass
		Inner 1RB Right	22.38	/	/	22.87	/	/	<=33	Pass
	2535	Edge 1RB Left	21.96	/	/	22.45	/	/	<=33	Pass
		Edge 1RB Right	22.15	/	/	22.64	/	/	<=33	Pass
		Outer Full	22.35	/	/	22.84	/	/	<=33	Pass
		Inner Full	23.01	/	/	23.50	/	/	<=33	Pass
		Inner 1RB Left	22.52	/	/	23.01	/	/	<=33	Pass
		Inner 1RB Right	22.63	/	/	23.12	/	/	<=33	Pass
	2545	Edge 1RB Left	22.00	/	/	22.49	/	/	<=33	Pass
		Edge 1RB Right	22.24	/	/	22.73	/	/	<=33	Pass
		Outer Full	22.54	/	/	23.03	/	/	<=33	Pass
		Inner Full	23.05	/	/	23.54	/	/	<=33	Pass
		Inner 1RB Left	22.51	/	/	23.00	/	/	<=33	Pass
		Inner 1RB Right	22.71	/	/	23.20	/	/	<=33	Pass
DFT-s-OFDM QPSK	2525	Edge 1RB Left	21.48	/	/	21.97	/	/	<=33	Pass
		Edge 1RB Right	21.36	/	/	21.85	/	/	<=33	Pass
		Outer Full	21.96	/	/	22.45	/	/	<=33	Pass
		Inner Full	23.15	/	/	23.64	/	/	<=33	Pass
		Inner 1RB Left	22.46	/	/	22.95	/	/	<=33	Pass
		Inner 1RB Right	22.35	/	/	22.84	/	/	<=33	Pass
	2535	Edge 1RB Left	21.48	/	/	21.97	/	/	<=33	Pass
		Edge 1RB Right	21.62	/	/	22.11	/	/	<=33	Pass
		Outer Full	21.89	/	/	22.38	/	/	<=33	Pass
		Inner Full	23.06	/	/	23.55	/	/	<=33	Pass
		Inner 1RB Left	22.43	/	/	22.92	/	/	<=33	Pass
		Inner 1RB Right	22.56	/	/	23.05	/	/	<=33	Pass
	2545	Edge 1RB Left	21.43	/	/	21.92	/	/	<=33	Pass
		Edge 1RB Right	21.64	/	/	22.13	/	/	<=33	Pass
		Outer Full	22.04	/	/	22.53	/	/	<=33	Pass

		Inner_Full	23.05	/	/	23.54	/	/	<=33	Pass
		Inner_1RB_Left	22.40	/	/	22.89	/	/	<=33	Pass
		Inner_1RB_Right	22.66	/	/	23.15	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2525	Edge_1RB_Left	20.64	/	/	21.13	/	/	<=33	Pass
		Edge_1RB_Right	20.39	/	/	20.88	/	/	<=33	Pass
		Outer_Full	21.15	/	/	21.64	/	/	<=33	Pass
		Inner_Full	22.11	/	/	22.60	/	/	<=33	Pass
		Inner_1RB_Left	21.64	/	/	22.13	/	/	<=33	Pass
		Inner_1RB_Right	21.52	/	/	22.01	/	/	<=33	Pass
		Edge_1RB_Left	20.73	/	/	21.22	/	/	<=33	Pass
	2535	Edge_1RB_Right	20.54	/	/	21.03	/	/	<=33	Pass
		Outer_Full	21.10	/	/	21.59	/	/	<=33	Pass
		Inner_Full	22.06	/	/	22.55	/	/	<=33	Pass
		Inner_1RB_Left	21.63	/	/	22.12	/	/	<=33	Pass
		Inner_1RB_Right	21.82	/	/	22.31	/	/	<=33	Pass
	2545	Edge_1RB_Left	20.80	/	/	21.29	/	/	<=33	Pass
		Edge_1RB_Right	20.71	/	/	21.20	/	/	<=33	Pass
		Outer_Full	21.23	/	/	21.72	/	/	<=33	Pass
		Inner_Full	22.10	/	/	22.59	/	/	<=33	Pass
		Inner_1RB_Left	21.51	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	21.81	/	/	22.30	/	/	<=33	Pass
		Edge_1RB_Left	20.26	/	/	20.75	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2525	Edge_1RB_Right	19.97	/	/	20.46	/	/	<=33	Pass
		Outer_Full	20.63	/	/	21.12	/	/	<=33	Pass
		Inner_Full	20.79	/	/	21.28	/	/	<=33	Pass
		Inner_1RB_Left	20.26	/	/	20.75	/	/	<=33	Pass
		Inner_1RB_Right	20.00	/	/	20.49	/	/	<=33	Pass
		Edge_1RB_Left	20.29	/	/	20.78	/	/	<=33	Pass
	2535	Edge_1RB_Right	20.20	/	/	20.69	/	/	<=33	Pass
		Outer_Full	20.59	/	/	21.08	/	/	<=33	Pass
		Inner_Full	20.63	/	/	21.12	/	/	<=33	Pass
		Inner_1RB_Left	20.32	/	/	20.81	/	/	<=33	Pass
		Inner_1RB_Right	20.24	/	/	20.73	/	/	<=33	Pass
	2545	Edge_1RB_Left	20.26	/	/	20.75	/	/	<=33	Pass
		Edge_1RB_Right	20.32	/	/	20.81	/	/	<=33	Pass
		Outer_Full	20.72	/	/	21.21	/	/	<=33	Pass
		Inner_Full	20.59	/	/	21.08	/	/	<=33	Pass
		Inner_1RB_Left	20.24	/	/	20.73	/	/	<=33	Pass
		Inner_1RB_Right	20.32	/	/	20.81	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2525	Edge_1RB_Left	18.43	/	/	18.92	/	/	<=33	Pass
		Edge_1RB_Right	18.17	/	/	18.66	/	/	<=33	Pass
		Outer_Full	18.57	/	/	19.06	/	/	<=33	Pass
		Inner_Full	18.77	/	/	19.26	/	/	<=33	Pass
		Inner_1RB_Left	18.46	/	/	18.95	/	/	<=33	Pass
		Inner_1RB_Right	18.20	/	/	18.69	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.46	/	/	18.95	/	/	<=33	Pass
		Edge_1RB_Right	18.42	/	/	18.91	/	/	<=33	Pass
		Outer_Full	18.44	/	/	18.93	/	/	<=33	Pass
		Inner_Full	18.58	/	/	19.07	/	/	<=33	Pass
		Inner_1RB_Left	18.53	/	/	19.02	/	/	<=33	Pass
	2545	Inner_1RB_Right	18.44	/	/	18.93	/	/	<=33	Pass
		Edge_1RB_Left	18.61	/	/	19.10	/	/	<=33	Pass
		Edge_1RB_Right	18.52	/	/	19.01	/	/	<=33	Pass
		Outer_Full	18.57	/	/	19.06	/	/	<=33	Pass
		Inner_Full	18.51	/	/	19.00	/	/	<=33	Pass
		Inner_1RB_Left	18.58	/	/	19.07	/	/	<=33	Pass
CP-OFDM QPSK	2525	Inner_1RB_Right	18.55	/	/	19.04	/	/	<=33	Pass
		Edge_1RB_Left	20.10	/	/	20.59	/	/	<=33	Pass
		Edge_1RB_Right	20.92	/	/	21.41	/	/	<=33	Pass

		Outer_Full	20.10	/	/	20.59	/	/	<=33	Pass
		Inner_Full	21.62	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Left	21.10	/	/	21.59	/	/	<=33	Pass
		Inner_1RB_Right	20.94	/	/	21.43	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.50	/	/	19.99	/	/	<=33	Pass
		Edge_1RB_Right	20.95	/	/	21.44	/	/	<=33	Pass
		Outer_Full	19.96	/	/	20.45	/	/	<=33	Pass
		Inner_Full	21.52	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Left	21.14	/	/	21.63	/	/	<=33	Pass
		Inner_1RB_Right	20.93	/	/	21.42	/	/	<=33	Pass
	2545	Edge_1RB_Left	19.76	/	/	20.25	/	/	<=33	Pass
		Edge_1RB_Right	21.25	/	/	21.74	/	/	<=33	Pass
		Outer_Full	19.99	/	/	20.48	/	/	<=33	Pass
		Inner_Full	21.56	/	/	22.05	/	/	<=33	Pass
		Inner_1RB_Left	21.20	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Right	21.17	/	/	21.66	/	/	<=33	Pass
CP-OFDM 16 QAM	2525	Edge_1RB_Left	19.77	/	/	20.26	/	/	<=33	Pass
		Edge_1RB_Right	20.45	/	/	20.94	/	/	<=33	Pass
		Outer_Full	20.21	/	/	20.70	/	/	<=33	Pass
		Inner_Full	21.37	/	/	21.86	/	/	<=33	Pass
		Inner_1RB_Left	20.70	/	/	21.19	/	/	<=33	Pass
		Inner_1RB_Right	20.50	/	/	20.99	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.78	/	/	20.27	/	/	<=33	Pass
		Edge_1RB_Right	20.49	/	/	20.98	/	/	<=33	Pass
		Outer_Full	20.08	/	/	20.57	/	/	<=33	Pass
		Inner_Full	21.20	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Left	20.73	/	/	21.22	/	/	<=33	Pass
		Inner_1RB_Right	20.48	/	/	20.97	/	/	<=33	Pass
	2545	Edge_1RB_Left	19.84	/	/	20.33	/	/	<=33	Pass
		Edge_1RB_Right	20.79	/	/	21.28	/	/	<=33	Pass
		Outer_Full	20.14	/	/	20.63	/	/	<=33	Pass
		Inner_Full	21.11	/	/	21.60	/	/	<=33	Pass
		Inner_1RB_Left	20.81	/	/	21.30	/	/	<=33	Pass
		Inner_1RB_Right	20.77	/	/	21.26	/	/	<=33	Pass
CP-OFDM 64 QAM	2525	Edge_1RB_Left	19.11	/	/	19.60	/	/	<=33	Pass
		Edge_1RB_Right	18.94	/	/	19.43	/	/	<=33	Pass
		Outer_Full	19.70	/	/	20.19	/	/	<=33	Pass
		Inner_Full	19.82	/	/	20.31	/	/	<=33	Pass
		Inner_1RB_Left	19.17	/	/	19.66	/	/	<=33	Pass
		Inner_1RB_Right	18.85	/	/	19.34	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.23	/	/	19.72	/	/	<=33	Pass
		Edge_1RB_Right	19.04	/	/	19.53	/	/	<=33	Pass
		Outer_Full	19.55	/	/	20.04	/	/	<=33	Pass
		Inner_Full	19.68	/	/	20.17	/	/	<=33	Pass
		Inner_1RB_Left	19.24	/	/	19.73	/	/	<=33	Pass
		Inner_1RB_Right	19.02	/	/	19.51	/	/	<=33	Pass
	2545	Edge_1RB_Left	19.31	/	/	19.80	/	/	<=33	Pass
		Edge_1RB_Right	19.26	/	/	19.75	/	/	<=33	Pass
		Outer_Full	19.65	/	/	20.14	/	/	<=33	Pass
		Inner_Full	19.57	/	/	20.06	/	/	<=33	Pass
		Inner_1RB_Left	19.31	/	/	19.80	/	/	<=33	Pass
		Inner_1RB_Right	19.25	/	/	19.74	/	/	<=33	Pass
CP-OFDM 256 QAM	2525	Edge_1RB_Left	16.64	/	/	17.13	/	/	<=33	Pass
		Edge_1RB_Right	16.43	/	/	16.92	/	/	<=33	Pass
		Outer_Full	16.62	/	/	17.11	/	/	<=33	Pass
		Inner_Full	16.81	/	/	17.30	/	/	<=33	Pass
		Inner_1RB_Left	16.64	/	/	17.13	/	/	<=33	Pass
		Inner_1RB_Right	16.40	/	/	16.89	/	/	<=33	Pass
	2535	Edge_1RB_Left	16.72	/	/	17.21	/	/	<=33	Pass

		Edge 1RB Right	16.54	/	/	17.03	/	/	<=33	Pass
		Outer Full	16.45	/	/	16.94	/	/	<=33	Pass
		Inner Full	16.65	/	/	17.14	/	/	<=33	Pass
		Inner 1RB Left	16.68	/	/	17.17	/	/	<=33	Pass
		Inner 1RB Right	16.60	/	/	17.09	/	/	<=33	Pass
	2545	Edge 1RB Left	16.74	/	/	17.23	/	/	<=33	Pass
		Edge 1RB Right	16.79	/	/	17.28	/	/	<=33	Pass
		Outer Full	16.51	/	/	17.00	/	/	<=33	Pass
		Inner Full	16.51	/	/	17.00	/	/	<=33	Pass
		Inner 1RB Left	16.81	/	/	17.30	/	/	<=33	Pass
		Inner 1RB Right	16.78	/	/	17.27	/	/	<=33	Pass
Note1: Antenna Gain: Ant31: 0.49dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_50MHz

5G NR n7 SCS=15kHz SISO 50MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	-8.50	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-5.30	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	1.30	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-5.80	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-2.20	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			50	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n7 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	2535	Outer_Full	4.54	5.01	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	4.55	4.98	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	4.54	4.95	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	4.57	5.00	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	4.53	4.98	/	Pass
CP-OFDM QPSK	2535	Outer_Full	4.52	4.96	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	4.53	4.99	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	4.52	5.01	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	4.52	5.03	/	Pass