

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_20MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant5	Sum	Ant2	Ant5	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2506.02	Edge_1RB_Left	23.23	/	/	22.13	/	/	<=33	Pass
		Edge_1RB_Right	23.28	/	/	22.18	/	/	<=33	Pass
		Outer_Full	26.37	/	/	25.27	/	/	<=33	Pass
		Inner_Full	26.96	/	/	25.86	/	/	<=33	Pass
		Inner_1RB_Left	26.76	/	/	25.66	/	/	<=33	Pass
		Inner_1RB_Right	26.95	/	/	25.85	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.12	/	/	23.02	/	/	<=33	Pass
		Edge_1RB_Right	24.20	/	/	23.10	/	/	<=33	Pass
		Outer_Full	27.19	/	/	26.09	/	/	<=33	Pass
		Inner_Full	27.64	/	/	26.54	/	/	<=33	Pass
		Inner_1RB_Left	27.60	/	/	26.50	/	/	<=33	Pass
		Inner_1RB_Right	27.61	/	/	26.51	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	23.86	/	/	22.76	/	/	<=33	Pass
		Edge_1RB_Right	23.75	/	/	22.65	/	/	<=33	Pass
		Outer_Full	26.84	/	/	25.74	/	/	<=33	Pass
		Inner_Full	27.35	/	/	26.25	/	/	<=33	Pass
		Inner_1RB_Left	27.33	/	/	26.23	/	/	<=33	Pass
DFT-s-OFDM QPSK	2506.02	Edge_1RB_Left	23.00	/	/	21.90	/	/	<=33	Pass
		Edge_1RB_Right	23.35	/	/	22.25	/	/	<=33	Pass
		Outer_Full	25.85	/	/	24.75	/	/	<=33	Pass
		Inner_Full	26.87	/	/	25.77	/	/	<=33	Pass
		Inner_1RB_Left	26.79	/	/	25.69	/	/	<=33	Pass
		Inner_1RB_Right	26.69	/	/	25.59	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.10	/	/	23.00	/	/	<=33	Pass
		Edge_1RB_Right	24.11	/	/	23.01	/	/	<=33	Pass
		Outer_Full	26.69	/	/	25.59	/	/	<=33	Pass
		Inner_Full	27.64	/	/	26.54	/	/	<=33	Pass
		Inner_1RB_Left	27.53	/	/	26.43	/	/	<=33	Pass
		Inner_1RB_Right	27.53	/	/	26.43	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	23.75	/	/	22.65	/	/	<=33	Pass
		Edge_1RB_Right	23.67	/	/	22.57	/	/	<=33	Pass
		Outer_Full	26.33	/	/	25.23	/	/	<=33	Pass
		Inner_Full	27.36	/	/	26.26	/	/	<=33	Pass
		Inner_1RB_Left	27.28	/	/	26.18	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2506.02	Inner_1RB_Right	27.22	/	/	26.12	/	/	<=33	Pass
		Edge_1RB_Left	23.19	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	23.28	/	/	22.18	/	/	<=33	Pass
		Outer_Full	24.89	/	/	23.79	/	/	<=33	Pass
		Inner_Full	25.88	/	/	24.78	/	/	<=33	Pass
		Inner_1RB_Left	25.69	/	/	24.59	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	25.72	/	/	24.62	/	/	<=33	Pass
		Edge_1RB_Left	23.94	/	/	22.84	/	/	<=33	Pass
		Edge_1RB_Right	23.99	/	/	22.89	/	/	<=33	Pass
		Outer_Full	25.69	/	/	24.59	/	/	<=33	Pass
		Inner_Full	26.69	/	/	25.59	/	/	<=33	Pass
	2679.99	Inner_1RB_Left	26.39	/	/	25.29	/	/	<=33	Pass
		Inner_1RB_Right	26.43	/	/	25.33	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	23.75	/	/	22.65	/	/	<=33	Pass

		Edge 1RB Right	23.65	/	/	22.55	/	/	<=33	Pass
		Outer Full	25.34	/	/	24.24	/	/	<=33	Pass
		Inner Full	26.38	/	/	25.28	/	/	<=33	Pass
		Inner 1RB Left	26.16	/	/	25.06	/	/	<=33	Pass
		Inner 1RB Right	26.10	/	/	25.00	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2506.02	Edge 1RB Left	23.21	/	/	22.11	/	/	<=33	Pass
		Edge 1RB Right	23.31	/	/	22.21	/	/	<=33	Pass
		Outer Full	24.39	/	/	23.29	/	/	<=33	Pass
		Inner Full	24.39	/	/	23.29	/	/	<=33	Pass
		Inner 1RB Left	24.20	/	/	23.10	/	/	<=33	Pass
		Inner 1RB Right	24.26	/	/	23.16	/	/	<=33	Pass
	2592.99	Edge 1RB Left	24.04	/	/	22.94	/	/	<=33	Pass
		Edge 1RB Right	24.03	/	/	22.93	/	/	<=33	Pass
		Outer Full	25.20	/	/	24.10	/	/	<=33	Pass
		Inner Full	25.17	/	/	24.07	/	/	<=33	Pass
		Inner 1RB Left	25.02	/	/	23.92	/	/	<=33	Pass
		Inner 1RB Right	25.02	/	/	23.92	/	/	<=33	Pass
	2679.99	Edge 1RB Left	23.80	/	/	22.70	/	/	<=33	Pass
		Edge 1RB Right	23.69	/	/	22.59	/	/	<=33	Pass
		Outer Full	24.85	/	/	23.75	/	/	<=33	Pass
		Inner Full	24.90	/	/	23.80	/	/	<=33	Pass
		Inner 1RB Left	24.70	/	/	23.60	/	/	<=33	Pass
		Inner 1RB Right	24.59	/	/	23.49	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2506.02	Edge 1RB Left	22.33	/	/	21.23	/	/	<=33	Pass
		Edge 1RB Right	22.46	/	/	21.36	/	/	<=33	Pass
		Outer Full	22.42	/	/	21.32	/	/	<=33	Pass
		Inner Full	22.41	/	/	21.31	/	/	<=33	Pass
		Inner 1RB Left	22.37	/	/	21.27	/	/	<=33	Pass
		Inner 1RB Right	22.37	/	/	21.27	/	/	<=33	Pass
	2592.99	Edge 1RB Left	23.16	/	/	22.06	/	/	<=33	Pass
		Edge 1RB Right	23.20	/	/	22.10	/	/	<=33	Pass
		Outer Full	23.18	/	/	22.08	/	/	<=33	Pass
		Inner Full	23.23	/	/	22.13	/	/	<=33	Pass
		Inner 1RB Left	23.21	/	/	22.11	/	/	<=33	Pass
		Inner 1RB Right	23.29	/	/	22.19	/	/	<=33	Pass
	2679.99	Edge 1RB Left	22.88	/	/	21.78	/	/	<=33	Pass
		Edge 1RB Right	22.80	/	/	21.70	/	/	<=33	Pass
		Outer Full	22.81	/	/	21.71	/	/	<=33	Pass
		Inner Full	22.98	/	/	21.88	/	/	<=33	Pass
		Inner 1RB Left	22.89	/	/	21.79	/	/	<=33	Pass
		Inner 1RB Right	22.84	/	/	21.74	/	/	<=33	Pass
CP-OFDM QPSK	2506.02	Edge 1RB Left	23.35	/	/	22.25	/	/	<=33	Pass
		Edge 1RB Right	23.25	/	/	22.15	/	/	<=33	Pass
		Outer Full	23.95	/	/	22.85	/	/	<=33	Pass
		Inner Full	25.42	/	/	24.32	/	/	<=33	Pass
		Inner 1RB Left	25.17	/	/	24.07	/	/	<=33	Pass
		Inner 1RB Right	25.23	/	/	24.13	/	/	<=33	Pass
	2592.99	Edge 1RB Left	24.11	/	/	23.01	/	/	<=33	Pass
		Edge 1RB Right	24.17	/	/	23.07	/	/	<=33	Pass
		Outer Full	24.72	/	/	23.62	/	/	<=33	Pass
		Inner Full	26.17	/	/	25.07	/	/	<=33	Pass
		Inner 1RB Left	26.17	/	/	25.07	/	/	<=33	Pass
		Inner 1RB Right	26.13	/	/	25.03	/	/	<=33	Pass
	2679.99	Edge 1RB Left	23.83	/	/	22.73	/	/	<=33	Pass
		Edge 1RB Right	23.87	/	/	22.77	/	/	<=33	Pass
		Outer Full	24.34	/	/	23.24	/	/	<=33	Pass
		Inner Full	25.93	/	/	24.83	/	/	<=33	Pass
		Inner 1RB Left	25.81	/	/	24.71	/	/	<=33	Pass
		Inner 1RB Right	25.74	/	/	24.64	/	/	<=33	Pass

CP-OFDM 16 QAM	2506.02	Edge_1RB_Left	23.21	/	/	22.11	/	/	<=33	Pass
		Edge_1RB_Right	23.18	/	/	22.08	/	/	<=33	Pass
		Outer_Full	23.94	/	/	22.84	/	/	<=33	Pass
		Inner_Full	24.95	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Left	24.63	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Right	24.60	/	/	23.50	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.97	/	/	22.87	/	/	<=33	Pass
		Edge_1RB_Right	24.03	/	/	22.93	/	/	<=33	Pass
		Outer_Full	24.59	/	/	23.49	/	/	<=33	Pass
		Inner_Full	25.58	/	/	24.48	/	/	<=33	Pass
		Inner_1RB_Left	25.55	/	/	24.45	/	/	<=33	Pass
		Inner_1RB_Right	25.52	/	/	24.42	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	23.78	/	/	22.68	/	/	<=33	Pass
		Edge_1RB_Right	23.63	/	/	22.53	/	/	<=33	Pass
		Outer_Full	24.37	/	/	23.27	/	/	<=33	Pass
		Inner_Full	25.40	/	/	24.30	/	/	<=33	Pass
		Inner_1RB_Left	25.24	/	/	24.14	/	/	<=33	Pass
		Inner_1RB_Right	25.10	/	/	24.00	/	/	<=33	Pass
CP-OFDM 64 QAM	2506.02	Edge_1RB_Left	23.23	/	/	22.13	/	/	<=33	Pass
		Edge_1RB_Right	23.26	/	/	22.16	/	/	<=33	Pass
		Outer_Full	23.39	/	/	22.29	/	/	<=33	Pass
		Inner_Full	23.38	/	/	22.28	/	/	<=33	Pass
		Inner_1RB_Left	23.27	/	/	22.17	/	/	<=33	Pass
		Inner_1RB_Right	23.28	/	/	22.18	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.12	/	/	23.02	/	/	<=33	Pass
		Edge_1RB_Right	24.24	/	/	23.14	/	/	<=33	Pass
		Outer_Full	24.19	/	/	23.09	/	/	<=33	Pass
		Inner_Full	24.14	/	/	23.04	/	/	<=33	Pass
		Inner_1RB_Left	24.19	/	/	23.09	/	/	<=33	Pass
		Inner_1RB_Right	24.18	/	/	23.08	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	23.80	/	/	22.70	/	/	<=33	Pass
		Edge_1RB_Right	23.66	/	/	22.56	/	/	<=33	Pass
		Outer_Full	23.85	/	/	22.75	/	/	<=33	Pass
		Inner_Full	23.89	/	/	22.79	/	/	<=33	Pass
		Inner_1RB_Left	23.82	/	/	22.72	/	/	<=33	Pass
		Inner_1RB_Right	23.66	/	/	22.56	/	/	<=33	Pass
CP-OFDM 256 QAM	2506.02	Edge_1RB_Left	20.39	/	/	19.29	/	/	<=33	Pass
		Edge_1RB_Right	20.48	/	/	19.38	/	/	<=33	Pass
		Outer_Full	20.43	/	/	19.33	/	/	<=33	Pass
		Inner_Full	20.47	/	/	19.37	/	/	<=33	Pass
		Inner_1RB_Left	20.37	/	/	19.27	/	/	<=33	Pass
		Inner_1RB_Right	20.46	/	/	19.36	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.13	/	/	20.03	/	/	<=33	Pass
		Edge_1RB_Right	21.17	/	/	20.07	/	/	<=33	Pass
		Outer_Full	21.18	/	/	20.08	/	/	<=33	Pass
		Inner_Full	21.26	/	/	20.16	/	/	<=33	Pass
		Inner_1RB_Left	21.21	/	/	20.11	/	/	<=33	Pass
		Inner_1RB_Right	21.24	/	/	20.14	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	20.92	/	/	19.82	/	/	<=33	Pass
		Edge_1RB_Right	20.83	/	/	19.73	/	/	<=33	Pass
		Outer_Full	20.92	/	/	19.82	/	/	<=33	Pass
		Inner_Full	20.96	/	/	19.86	/	/	<=33	Pass
		Inner_1RB_Left	20.87	/	/	19.77	/	/	<=33	Pass
		Inner_1RB_Right	20.80	/	/	19.70	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; Ant5: 0.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_30MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant5	Sum	Ant2	Ant5	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2511	Edge_1RB_Left	23.27	/	/	22.17	/	/	<=33	Pass
		Edge_1RB_Right	23.52	/	/	22.42	/	/	<=33	Pass
		Outer_Full	26.41	/	/	25.31	/	/	<=33	Pass
		Inner_Full	26.94	/	/	25.84	/	/	<=33	Pass
		Inner_1RB_Left	26.71	/	/	25.61	/	/	<=33	Pass
		Inner_1RB_Right	26.99	/	/	25.89	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.99	/	/	22.89	/	/	<=33	Pass
		Edge_1RB_Right	24.02	/	/	22.92	/	/	<=33	Pass
		Outer_Full	27.06	/	/	25.96	/	/	<=33	Pass
		Inner_Full	27.46	/	/	26.36	/	/	<=33	Pass
		Inner_1RB_Left	27.49	/	/	26.39	/	/	<=33	Pass
		Inner_1RB_Right	27.47	/	/	26.37	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	23.53	/	/	22.43	/	/	<=33	Pass
		Edge_1RB_Right	23.64	/	/	22.54	/	/	<=33	Pass
		Outer_Full	26.79	/	/	25.69	/	/	<=33	Pass
		Inner_Full	27.22	/	/	26.12	/	/	<=33	Pass
		Inner_1RB_Left	26.53	/	/	25.43	/	/	<=33	Pass
		Inner_1RB_Right	27.27	/	/	26.17	/	/	<=33	Pass
DFT-s-OFDM QPSK	2511	Edge_1RB_Left	23.19	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	23.42	/	/	22.32	/	/	<=33	Pass
		Outer_Full	25.94	/	/	24.84	/	/	<=33	Pass
		Inner_Full	26.76	/	/	25.66	/	/	<=33	Pass
		Inner_1RB_Left	26.75	/	/	25.65	/	/	<=33	Pass
		Inner_1RB_Right	26.90	/	/	25.80	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.02	/	/	22.92	/	/	<=33	Pass
		Edge_1RB_Right	24.03	/	/	22.93	/	/	<=33	Pass
		Outer_Full	26.51	/	/	25.41	/	/	<=33	Pass
		Inner_Full	27.46	/	/	26.36	/	/	<=33	Pass
		Inner_1RB_Left	27.41	/	/	26.31	/	/	<=33	Pass
		Inner_1RB_Right	27.48	/	/	26.38	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	23.35	/	/	22.25	/	/	<=33	Pass
		Edge_1RB_Right	23.75	/	/	22.65	/	/	<=33	Pass
		Outer_Full	26.32	/	/	25.22	/	/	<=33	Pass
		Inner_Full	27.25	/	/	26.15	/	/	<=33	Pass
		Inner_1RB_Left	27.15	/	/	26.05	/	/	<=33	Pass
		Inner_1RB_Right	27.18	/	/	26.08	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2511	Edge_1RB_Left	23.16	/	/	22.06	/	/	<=33	Pass
		Edge_1RB_Right	23.32	/	/	22.22	/	/	<=33	Pass
		Outer_Full	24.89	/	/	23.79	/	/	<=33	Pass
		Inner_Full	25.79	/	/	24.69	/	/	<=33	Pass
		Inner_1RB_Left	25.66	/	/	24.56	/	/	<=33	Pass
		Inner_1RB_Right	25.83	/	/	24.73	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.90	/	/	22.80	/	/	<=33	Pass
		Edge_1RB_Right	23.90	/	/	22.80	/	/	<=33	Pass
		Outer_Full	25.57	/	/	24.47	/	/	<=33	Pass
		Inner_Full	26.47	/	/	25.37	/	/	<=33	Pass
		Inner_1RB_Left	26.27	/	/	25.17	/	/	<=33	Pass
		Inner_1RB_Right	26.29	/	/	25.19	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	23.30	/	/	22.20	/	/	<=33	Pass
		Edge_1RB_Right	23.64	/	/	22.54	/	/	<=33	Pass
		Outer_Full	25.27	/	/	24.17	/	/	<=33	Pass
		Inner_Full	26.23	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Left	25.84	/	/	24.74	/	/	<=33	Pass
		Inner_1RB_Right	26.11	/	/	25.01	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2511	Edge_1RB_Left	23.21	/	/	22.11	/	/	<=33	Pass
		Edge_1RB_Right	23.40	/	/	22.30	/	/	<=33	Pass

		Outer_Full	24.36	/	/	23.26	/	/	<=33	Pass
		Inner_Full	24.49	/	/	23.39	/	/	<=33	Pass
		Inner_1RB_Left	24.20	/	/	23.10	/	/	<=33	Pass
		Inner_1RB_Right	24.39	/	/	23.29	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.92	/	/	22.82	/	/	<=33	Pass
		Edge_1RB_Right	23.96	/	/	22.86	/	/	<=33	Pass
		Outer_Full	24.99	/	/	23.89	/	/	<=33	Pass
		Inner_Full	25.03	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Left	25.11	/	/	24.01	/	/	<=33	Pass
		Inner_1RB_Right	24.95	/	/	23.85	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	23.31	/	/	22.21	/	/	<=33	Pass
		Edge_1RB_Right	23.70	/	/	22.60	/	/	<=33	Pass
		Outer_Full	24.70	/	/	23.60	/	/	<=33	Pass
		Inner_Full	24.79	/	/	23.69	/	/	<=33	Pass
		Inner_1RB_Left	24.37	/	/	23.27	/	/	<=33	Pass
		Inner_1RB_Right	24.54	/	/	23.44	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2511	Edge_1RB_Left	22.43	/	/	21.33	/	/	<=33	Pass
		Edge_1RB_Right	22.45	/	/	21.35	/	/	<=33	Pass
		Outer_Full	22.43	/	/	21.33	/	/	<=33	Pass
		Inner_Full	22.39	/	/	21.29	/	/	<=33	Pass
		Inner_1RB_Left	22.37	/	/	21.27	/	/	<=33	Pass
		Inner_1RB_Right	22.47	/	/	21.37	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.02	/	/	21.92	/	/	<=33	Pass
		Edge_1RB_Right	23.13	/	/	22.03	/	/	<=33	Pass
		Outer_Full	23.05	/	/	21.95	/	/	<=33	Pass
		Inner_Full	22.93	/	/	21.83	/	/	<=33	Pass
		Inner_1RB_Left	23.10	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	23.06	/	/	21.96	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	22.56	/	/	21.46	/	/	<=33	Pass
		Edge_1RB_Right	22.85	/	/	21.75	/	/	<=33	Pass
		Outer_Full	22.80	/	/	21.70	/	/	<=33	Pass
		Inner_Full	22.83	/	/	21.73	/	/	<=33	Pass
		Inner_1RB_Left	22.54	/	/	21.44	/	/	<=33	Pass
		Inner_1RB_Right	22.80	/	/	21.70	/	/	<=33	Pass
CP-OFDM QPSK	2511	Edge_1RB_Left	23.19	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	23.43	/	/	22.33	/	/	<=33	Pass
		Outer_Full	23.90	/	/	22.80	/	/	<=33	Pass
		Inner_Full	25.30	/	/	24.20	/	/	<=33	Pass
		Inner_1RB_Left	25.42	/	/	24.32	/	/	<=33	Pass
		Inner_1RB_Right	25.42	/	/	24.32	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.11	/	/	23.01	/	/	<=33	Pass
		Edge_1RB_Right	24.09	/	/	22.99	/	/	<=33	Pass
		Outer_Full	24.68	/	/	23.58	/	/	<=33	Pass
		Inner_Full	25.98	/	/	24.88	/	/	<=33	Pass
		Inner_1RB_Left	26.21	/	/	25.11	/	/	<=33	Pass
		Inner_1RB_Right	26.11	/	/	25.01	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	23.43	/	/	22.33	/	/	<=33	Pass
		Edge_1RB_Right	23.76	/	/	22.66	/	/	<=33	Pass
		Outer_Full	24.38	/	/	23.28	/	/	<=33	Pass
		Inner_Full	25.81	/	/	24.71	/	/	<=33	Pass
		Inner_1RB_Left	25.08	/	/	23.98	/	/	<=33	Pass
		Inner_1RB_Right	25.66	/	/	24.56	/	/	<=33	Pass
CP-OFDM 16 QAM	2511	Edge_1RB_Left	23.03	/	/	21.93	/	/	<=33	Pass
		Edge_1RB_Right	23.28	/	/	22.18	/	/	<=33	Pass
		Outer_Full	23.87	/	/	22.77	/	/	<=33	Pass
		Inner_Full	24.75	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Left	24.70	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Right	24.89	/	/	23.79	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.85	/	/	22.75	/	/	<=33	Pass

		Edge_1RB_Right	23.92	/	/	22.82	/	/	<=33	Pass
		Outer_Full	24.60	/	/	23.50	/	/	<=33	Pass
		Inner_Full	25.45	/	/	24.35	/	/	<=33	Pass
		Inner_1RB_Left	25.42	/	/	24.32	/	/	<=33	Pass
		Inner_1RB_Right	25.39	/	/	24.29	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	23.17	/	/	22.07	/	/	<=33	Pass
		Edge_1RB_Right	23.61	/	/	22.51	/	/	<=33	Pass
		Outer_Full	24.22	/	/	23.12	/	/	<=33	Pass
		Inner_Full	25.33	/	/	24.23	/	/	<=33	Pass
		Inner_1RB_Left	25.02	/	/	23.92	/	/	<=33	Pass
	Inner_1RB_Right	25.19	/	/	24.09	/	/	<=33	Pass	
CP-OFDM 64 QAM	2511	Edge_1RB_Left	23.21	/	/	22.11	/	/	<=33	Pass
		Edge_1RB_Right	23.26	/	/	22.16	/	/	<=33	Pass
		Outer_Full	23.42	/	/	22.32	/	/	<=33	Pass
		Inner_Full	23.27	/	/	22.17	/	/	<=33	Pass
		Inner_1RB_Left	23.06	/	/	21.96	/	/	<=33	Pass
		Inner_1RB_Right	23.39	/	/	22.29	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.17	/	/	23.07	/	/	<=33	Pass
		Edge_1RB_Right	23.93	/	/	22.83	/	/	<=33	Pass
		Outer_Full	24.09	/	/	22.99	/	/	<=33	Pass
		Inner_Full	24.04	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Left	24.05	/	/	22.95	/	/	<=33	Pass
		Inner_1RB_Right	23.87	/	/	22.77	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	23.49	/	/	22.39	/	/	<=33	Pass
		Edge_1RB_Right	23.69	/	/	22.59	/	/	<=33	Pass
		Outer_Full	23.85	/	/	22.75	/	/	<=33	Pass
		Inner_Full	23.91	/	/	22.81	/	/	<=33	Pass
		Inner_1RB_Left	23.46	/	/	22.36	/	/	<=33	Pass
		Inner_1RB_Right	23.59	/	/	22.49	/	/	<=33	Pass
CP-OFDM 256 QAM	2511	Edge_1RB_Left	20.34	/	/	19.24	/	/	<=33	Pass
		Edge_1RB_Right	20.47	/	/	19.37	/	/	<=33	Pass
		Outer_Full	20.44	/	/	19.34	/	/	<=33	Pass
		Inner_Full	20.39	/	/	19.29	/	/	<=33	Pass
		Inner_1RB_Left	20.35	/	/	19.25	/	/	<=33	Pass
		Inner_1RB_Right	20.48	/	/	19.38	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.17	/	/	20.07	/	/	<=33	Pass
		Edge_1RB_Right	21.08	/	/	19.98	/	/	<=33	Pass
		Outer_Full	21.08	/	/	19.98	/	/	<=33	Pass
		Inner_Full	21.00	/	/	19.90	/	/	<=33	Pass
		Inner_1RB_Left	21.19	/	/	20.09	/	/	<=33	Pass
		Inner_1RB_Right	21.11	/	/	20.01	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	20.49	/	/	19.39	/	/	<=33	Pass
		Edge_1RB_Right	20.81	/	/	19.71	/	/	<=33	Pass
		Outer_Full	20.85	/	/	19.75	/	/	<=33	Pass
Inner_Full		20.92	/	/	19.82	/	/	<=33	Pass	
Inner_1RB_Left		20.58	/	/	19.48	/	/	<=33	Pass	
	Inner_1RB_Right	20.85	/	/	19.75	/	/	<=33	Pass	
Note1: Antenna Gain: Ant2: -1.10dBi; Ant5: 0.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_40MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant5	Sum	Ant2	Ant5	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2516.01	Edge_1RB_Left	23.30	/	/	22.20	/	/	<=33	Pass
		Edge_1RB_Right	23.28	/	/	22.18	/	/	<=33	Pass
		Outer_Full	26.32	/	/	25.22	/	/	<=33	Pass

		Inner_Full	26.95	/	/	25.85	/	/	<=33	Pass
		Inner_1RB_Left	26.86	/	/	25.76	/	/	<=33	Pass
		Inner_1RB_Right	26.90	/	/	25.80	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.07	/	/	22.97	/	/	<=33	Pass
		Edge_1RB_Right	24.14	/	/	23.04	/	/	<=33	Pass
		Outer_Full	27.17	/	/	26.07	/	/	<=33	Pass
		Inner_Full	27.60	/	/	26.50	/	/	<=33	Pass
		Inner_1RB_Left	27.59	/	/	26.49	/	/	<=33	Pass
		Inner_1RB_Right	27.62	/	/	26.52	/	/	<=33	Pass
		Edge_1RB_Left	23.52	/	/	22.42	/	/	<=33	Pass
	2670	Edge_1RB_Right	23.81	/	/	22.71	/	/	<=33	Pass
		Outer_Full	26.70	/	/	25.60	/	/	<=33	Pass
		Inner_Full	27.18	/	/	26.08	/	/	<=33	Pass
		Inner_1RB_Left	27.04	/	/	25.94	/	/	<=33	Pass
		Inner_1RB_Right	27.31	/	/	26.21	/	/	<=33	Pass
DFT-s-OFDM QPSK	2516.01	Edge_1RB_Left	23.27	/	/	22.17	/	/	<=33	Pass
		Edge_1RB_Right	23.27	/	/	22.17	/	/	<=33	Pass
		Outer_Full	25.84	/	/	24.74	/	/	<=33	Pass
		Inner_Full	26.85	/	/	25.75	/	/	<=33	Pass
		Inner_1RB_Left	27.11	/	/	26.01	/	/	<=33	Pass
		Inner_1RB_Right	26.70	/	/	25.60	/	/	<=33	Pass
		Edge_1RB_Left	24.09	/	/	22.99	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	24.14	/	/	23.04	/	/	<=33	Pass
		Outer_Full	26.66	/	/	25.56	/	/	<=33	Pass
		Inner_Full	27.53	/	/	26.43	/	/	<=33	Pass
		Inner_1RB_Left	27.64	/	/	26.54	/	/	<=33	Pass
		Inner_1RB_Right	27.70	/	/	26.60	/	/	<=33	Pass
	2670	Edge_1RB_Left	23.41	/	/	22.31	/	/	<=33	Pass
		Edge_1RB_Right	23.82	/	/	22.72	/	/	<=33	Pass
		Outer_Full	26.26	/	/	25.16	/	/	<=33	Pass
		Inner_Full	27.28	/	/	26.18	/	/	<=33	Pass
		Inner_1RB_Left	27.07	/	/	25.97	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2516.01	Inner_1RB_Right	27.22	/	/	26.12	/	/	<=33	Pass
		Edge_1RB_Left	23.23	/	/	22.13	/	/	<=33	Pass
		Edge_1RB_Right	23.22	/	/	22.12	/	/	<=33	Pass
		Outer_Full	24.84	/	/	23.74	/	/	<=33	Pass
		Inner_Full	25.88	/	/	24.78	/	/	<=33	Pass
		Inner_1RB_Left	25.73	/	/	24.63	/	/	<=33	Pass
		Inner_1RB_Right	25.58	/	/	24.48	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.15	/	/	23.05	/	/	<=33	Pass
		Edge_1RB_Right	24.03	/	/	22.93	/	/	<=33	Pass
		Outer_Full	25.69	/	/	24.59	/	/	<=33	Pass
		Inner_Full	26.65	/	/	25.55	/	/	<=33	Pass
		Inner_1RB_Left	26.41	/	/	25.31	/	/	<=33	Pass
	2670	Inner_1RB_Right	26.44	/	/	25.34	/	/	<=33	Pass
		Edge_1RB_Left	23.43	/	/	22.33	/	/	<=33	Pass
		Edge_1RB_Right	23.75	/	/	22.65	/	/	<=33	Pass
		Outer_Full	25.13	/	/	24.03	/	/	<=33	Pass
		Inner_Full	26.15	/	/	25.05	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2516.01	Inner_1RB_Left	25.85	/	/	24.75	/	/	<=33	Pass
		Inner_1RB_Right	26.02	/	/	24.92	/	/	<=33	Pass
		Edge_1RB_Left	23.19	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	23.29	/	/	22.19	/	/	<=33	Pass
		Outer_Full	24.39	/	/	23.29	/	/	<=33	Pass
		Inner_Full	24.38	/	/	23.28	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	24.27	/	/	23.17	/	/	<=33	Pass
		Inner_1RB_Right	24.30	/	/	23.20	/	/	<=33	Pass
		Edge_1RB_Left	24.10	/	/	23.00	/	/	<=33	Pass
		Edge_1RB_Right	24.08	/	/	22.98	/	/	<=33	Pass

		Outer_Full	25.13	/	/	24.03	/	/	<=33	Pass
		Inner_Full	25.06	/	/	23.96	/	/	<=33	Pass
		Inner_1RB_Left	25.07	/	/	23.97	/	/	<=33	Pass
		Inner_1RB_Right	25.02	/	/	23.92	/	/	<=33	Pass
	2670	Edge_1RB_Left	23.41	/	/	22.31	/	/	<=33	Pass
		Edge_1RB_Right	23.77	/	/	22.67	/	/	<=33	Pass
		Outer_Full	24.71	/	/	23.61	/	/	<=33	Pass
		Inner_Full	24.78	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Left	24.49	/	/	23.39	/	/	<=33	Pass
		Inner_1RB_Right	24.74	/	/	23.64	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2516.01	Edge_1RB_Left	22.30	/	/	21.20	/	/	<=33	Pass
		Edge_1RB_Right	22.36	/	/	21.26	/	/	<=33	Pass
		Outer_Full	22.37	/	/	21.27	/	/	<=33	Pass
		Inner_Full	22.36	/	/	21.26	/	/	<=33	Pass
		Inner_1RB_Left	22.38	/	/	21.28	/	/	<=33	Pass
		Inner_1RB_Right	22.37	/	/	21.27	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.13	/	/	22.03	/	/	<=33	Pass
		Edge_1RB_Right	23.22	/	/	22.12	/	/	<=33	Pass
		Outer_Full	23.21	/	/	22.11	/	/	<=33	Pass
		Inner_Full	23.11	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Left	23.15	/	/	22.05	/	/	<=33	Pass
		Inner_1RB_Right	23.25	/	/	22.15	/	/	<=33	Pass
	2670	Edge_1RB_Left	22.61	/	/	21.51	/	/	<=33	Pass
		Edge_1RB_Right	22.89	/	/	21.79	/	/	<=33	Pass
		Outer_Full	22.87	/	/	21.77	/	/	<=33	Pass
		Inner_Full	22.75	/	/	21.65	/	/	<=33	Pass
		Inner_1RB_Left	22.62	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Right	22.91	/	/	21.81	/	/	<=33	Pass
CP-OFDM QPSK	2516.01	Edge_1RB_Left	23.05	/	/	21.95	/	/	<=33	Pass
		Edge_1RB_Right	23.04	/	/	21.94	/	/	<=33	Pass
		Outer_Full	23.83	/	/	22.73	/	/	<=33	Pass
		Inner_Full	25.40	/	/	24.30	/	/	<=33	Pass
		Inner_1RB_Left	25.53	/	/	24.43	/	/	<=33	Pass
		Inner_1RB_Right	25.29	/	/	24.19	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.17	/	/	23.07	/	/	<=33	Pass
		Edge_1RB_Right	24.14	/	/	23.04	/	/	<=33	Pass
		Outer_Full	24.73	/	/	23.63	/	/	<=33	Pass
		Inner_Full	26.18	/	/	25.08	/	/	<=33	Pass
		Inner_1RB_Left	26.36	/	/	25.26	/	/	<=33	Pass
		Inner_1RB_Right	26.22	/	/	25.12	/	/	<=33	Pass
	2670	Edge_1RB_Left	23.54	/	/	22.44	/	/	<=33	Pass
		Edge_1RB_Right	23.74	/	/	22.64	/	/	<=33	Pass
		Outer_Full	24.39	/	/	23.29	/	/	<=33	Pass
		Inner_Full	25.79	/	/	24.69	/	/	<=33	Pass
		Inner_1RB_Left	25.66	/	/	24.56	/	/	<=33	Pass
		Inner_1RB_Right	25.91	/	/	24.81	/	/	<=33	Pass
CP-OFDM 16 QAM	2516.01	Edge_1RB_Left	23.19	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	23.20	/	/	22.10	/	/	<=33	Pass
		Outer_Full	23.82	/	/	22.72	/	/	<=33	Pass
		Inner_Full	24.86	/	/	23.76	/	/	<=33	Pass
		Inner_1RB_Left	24.65	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Right	24.59	/	/	23.49	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.20	/	/	23.10	/	/	<=33	Pass
		Edge_1RB_Right	23.90	/	/	22.80	/	/	<=33	Pass
		Outer_Full	24.66	/	/	23.56	/	/	<=33	Pass
		Inner_Full	25.63	/	/	24.53	/	/	<=33	Pass
		Inner_1RB_Left	25.58	/	/	24.48	/	/	<=33	Pass
		Inner_1RB_Right	25.60	/	/	24.50	/	/	<=33	Pass
	2670	Edge_1RB_Left	23.43	/	/	22.33	/	/	<=33	Pass

		Edge_1RB_Right	23.58	/	/	22.48	/	/	<=33	Pass
		Outer_Full	24.22	/	/	23.12	/	/	<=33	Pass
		Inner_Full	25.33	/	/	24.23	/	/	<=33	Pass
		Inner_1RB_Left	24.98	/	/	23.88	/	/	<=33	Pass
		Inner_1RB_Right	25.15	/	/	24.05	/	/	<=33	Pass
CP-OFDM 64 QAM	2516.01	Edge_1RB_Left	23.19	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	23.14	/	/	22.04	/	/	<=33	Pass
		Outer_Full	23.40	/	/	22.30	/	/	<=33	Pass
		Inner_Full	23.38	/	/	22.28	/	/	<=33	Pass
		Inner_1RB_Left	23.24	/	/	22.14	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	23.36	/	/	22.26	/	/	<=33	Pass
		Edge_1RB_Left	24.26	/	/	23.16	/	/	<=33	Pass
		Edge_1RB_Right	24.21	/	/	23.11	/	/	<=33	Pass
		Outer_Full	24.28	/	/	23.18	/	/	<=33	Pass
		Inner_Full	24.12	/	/	23.02	/	/	<=33	Pass
	2670	Inner_1RB_Left	24.19	/	/	23.09	/	/	<=33	Pass
		Inner_1RB_Right	24.34	/	/	23.24	/	/	<=33	Pass
		Edge_1RB_Left	23.65	/	/	22.55	/	/	<=33	Pass
		Edge_1RB_Right	23.86	/	/	22.76	/	/	<=33	Pass
		Outer_Full	23.85	/	/	22.75	/	/	<=33	Pass
CP-OFDM 256 QAM	2516.01	Inner_Full	23.89	/	/	22.79	/	/	<=33	Pass
		Inner_1RB_Left	23.45	/	/	22.35	/	/	<=33	Pass
		Inner_1RB_Right	23.65	/	/	22.55	/	/	<=33	Pass
		Edge_1RB_Left	20.27	/	/	19.17	/	/	<=33	Pass
		Edge_1RB_Right	20.32	/	/	19.22	/	/	<=33	Pass
	2592.99	Outer_Full	20.37	/	/	19.27	/	/	<=33	Pass
		Inner_Full	20.45	/	/	19.35	/	/	<=33	Pass
		Inner_1RB_Left	20.40	/	/	19.30	/	/	<=33	Pass
		Inner_1RB_Right	20.43	/	/	19.33	/	/	<=33	Pass
		Edge_1RB_Left	21.29	/	/	20.19	/	/	<=33	Pass
	2670	Edge_1RB_Right	21.24	/	/	20.14	/	/	<=33	Pass
		Outer_Full	21.18	/	/	20.08	/	/	<=33	Pass
		Inner_Full	21.22	/	/	20.12	/	/	<=33	Pass
		Inner_1RB_Left	21.32	/	/	20.22	/	/	<=33	Pass
		Inner_1RB_Right	21.26	/	/	20.16	/	/	<=33	Pass
		Edge_1RB_Left	20.64	/	/	19.54	/	/	<=33	Pass
		Edge_1RB_Right	20.87	/	/	19.77	/	/	<=33	Pass
		Outer_Full	20.86	/	/	19.76	/	/	<=33	Pass
		Inner_Full	20.94	/	/	19.84	/	/	<=33	Pass
		Inner_1RB_Left	20.62	/	/	19.52	/	/	<=33	Pass
		Inner_1RB_Right	20.94	/	/	19.84	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; Ant5: 0.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k_SISO_50MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant5	Sum	Ant2	Ant5	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2521.02	Edge_1RB_Left	23.17	/	/	22.07	/	/	<=33	Pass
		Edge_1RB_Right	23.04	/	/	21.94	/	/	<=33	Pass
		Outer_Full	26.38	/	/	25.28	/	/	<=33	Pass
		Inner_Full	26.76	/	/	25.66	/	/	<=33	Pass
		Inner_1RB_Left	26.73	/	/	25.63	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	26.49	/	/	25.39	/	/	<=33	Pass
		Edge_1RB_Left	23.60	/	/	22.50	/	/	<=33	Pass
		Edge_1RB_Right	23.71	/	/	22.61	/	/	<=33	Pass
		Outer_Full	26.82	/	/	25.72	/	/	<=33	Pass

		Inner_Full	27.30	/	/	26.20	/	/	<=33	Pass
		Inner_1RB_Left	27.13	/	/	26.03	/	/	<=33	Pass
		Inner_1RB_Right	27.14	/	/	26.04	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	23.42	/	/	22.32	/	/	<=33	Pass
		Edge_1RB_Right	23.59	/	/	22.49	/	/	<=33	Pass
		Outer_Full	26.38	/	/	25.28	/	/	<=33	Pass
		Inner_Full	26.86	/	/	25.76	/	/	<=33	Pass
		Inner_1RB_Left	27.01	/	/	25.91	/	/	<=33	Pass
		Inner_1RB_Right	27.07	/	/	25.97	/	/	<=33	Pass
DFT-s-OFDM QPSK	2521.02	Edge_1RB_Left	23.18	/	/	22.08	/	/	<=33	Pass
		Edge_1RB_Right	22.99	/	/	21.89	/	/	<=33	Pass
		Outer_Full	25.91	/	/	24.81	/	/	<=33	Pass
		Inner_Full	26.77	/	/	25.67	/	/	<=33	Pass
		Inner_1RB_Left	26.72	/	/	25.62	/	/	<=33	Pass
		Inner_1RB_Right	26.63	/	/	25.53	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.54	/	/	22.44	/	/	<=33	Pass
		Edge_1RB_Right	23.70	/	/	22.60	/	/	<=33	Pass
		Outer_Full	26.40	/	/	25.30	/	/	<=33	Pass
		Inner_Full	27.25	/	/	26.15	/	/	<=33	Pass
		Inner_1RB_Left	27.15	/	/	26.05	/	/	<=33	Pass
		Inner_1RB_Right	27.19	/	/	26.09	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	23.35	/	/	22.25	/	/	<=33	Pass
		Edge_1RB_Right	23.55	/	/	22.45	/	/	<=33	Pass
		Outer_Full	25.90	/	/	24.80	/	/	<=33	Pass
		Inner_Full	26.98	/	/	25.88	/	/	<=33	Pass
		Inner_1RB_Left	27.00	/	/	25.90	/	/	<=33	Pass
		Inner_1RB_Right	27.00	/	/	25.90	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2521.02	Edge_1RB_Left	23.08	/	/	21.98	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	21.72	/	/	<=33	Pass
		Outer_Full	24.76	/	/	23.66	/	/	<=33	Pass
		Inner_Full	25.77	/	/	24.67	/	/	<=33	Pass
		Inner_1RB_Left	25.49	/	/	24.39	/	/	<=33	Pass
		Inner_1RB_Right	25.33	/	/	24.23	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.53	/	/	22.43	/	/	<=33	Pass
		Edge_1RB_Right	23.54	/	/	22.44	/	/	<=33	Pass
		Outer_Full	25.26	/	/	24.16	/	/	<=33	Pass
		Inner_Full	26.30	/	/	25.20	/	/	<=33	Pass
		Inner_1RB_Left	26.06	/	/	24.96	/	/	<=33	Pass
		Inner_1RB_Right	26.00	/	/	24.90	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	23.31	/	/	22.21	/	/	<=33	Pass
		Edge_1RB_Right	23.49	/	/	22.39	/	/	<=33	Pass
		Outer_Full	24.95	/	/	23.85	/	/	<=33	Pass
		Inner_Full	25.94	/	/	24.84	/	/	<=33	Pass
		Inner_1RB_Left	25.74	/	/	24.64	/	/	<=33	Pass
		Inner_1RB_Right	25.89	/	/	24.79	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2521.02	Edge_1RB_Left	23.10	/	/	22.00	/	/	<=33	Pass
		Edge_1RB_Right	22.93	/	/	21.83	/	/	<=33	Pass
		Outer_Full	24.22	/	/	23.12	/	/	<=33	Pass
		Inner_Full	24.39	/	/	23.29	/	/	<=33	Pass
		Inner_1RB_Left	24.08	/	/	22.98	/	/	<=33	Pass
		Inner_1RB_Right	23.89	/	/	22.79	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.62	/	/	22.52	/	/	<=33	Pass
		Edge_1RB_Right	23.59	/	/	22.49	/	/	<=33	Pass
		Outer_Full	24.74	/	/	23.64	/	/	<=33	Pass
		Inner_Full	24.93	/	/	23.83	/	/	<=33	Pass
		Inner_1RB_Left	24.64	/	/	23.54	/	/	<=33	Pass
		Inner_1RB_Right	24.63	/	/	23.53	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	23.36	/	/	22.26	/	/	<=33	Pass
		Edge_1RB_Right	23.49	/	/	22.39	/	/	<=33	Pass

		Outer_Full	24.52	/	/	23.42	/	/	<=33	Pass
		Inner_Full	24.55	/	/	23.45	/	/	<=33	Pass
		Inner_1RB_Left	24.31	/	/	23.21	/	/	<=33	Pass
		Inner_1RB_Right	24.53	/	/	23.43	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2521.02	Edge_1RB_Left	22.31	/	/	21.21	/	/	<=33	Pass
		Edge_1RB_Right	22.02	/	/	20.92	/	/	<=33	Pass
		Outer_Full	22.28	/	/	21.18	/	/	<=33	Pass
		Inner_Full	22.31	/	/	21.21	/	/	<=33	Pass
		Inner_1RB_Left	22.24	/	/	21.14	/	/	<=33	Pass
		Inner_1RB_Right	21.99	/	/	20.89	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.86	/	/	21.76	/	/	<=33	Pass
		Edge_1RB_Right	22.91	/	/	21.81	/	/	<=33	Pass
		Outer_Full	22.92	/	/	21.82	/	/	<=33	Pass
		Inner_Full	22.85	/	/	21.75	/	/	<=33	Pass
		Inner_1RB_Left	22.86	/	/	21.76	/	/	<=33	Pass
		Inner_1RB_Right	22.81	/	/	21.71	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.58	/	/	21.48	/	/	<=33	Pass
		Edge_1RB_Right	22.64	/	/	21.54	/	/	<=33	Pass
		Outer_Full	22.67	/	/	21.57	/	/	<=33	Pass
		Inner_Full	22.43	/	/	21.33	/	/	<=33	Pass
		Inner_1RB_Left	22.56	/	/	21.46	/	/	<=33	Pass
		Inner_1RB_Right	22.85	/	/	21.75	/	/	<=33	Pass
CP-OFDM QPSK	2521.02	Edge_1RB_Left	23.28	/	/	22.18	/	/	<=33	Pass
		Edge_1RB_Right	22.91	/	/	21.81	/	/	<=33	Pass
		Outer_Full	23.84	/	/	22.74	/	/	<=33	Pass
		Inner_Full	25.29	/	/	24.19	/	/	<=33	Pass
		Inner_1RB_Left	25.11	/	/	24.01	/	/	<=33	Pass
		Inner_1RB_Right	25.07	/	/	23.97	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.82	/	/	22.72	/	/	<=33	Pass
		Edge_1RB_Right	23.75	/	/	22.65	/	/	<=33	Pass
		Outer_Full	24.50	/	/	23.40	/	/	<=33	Pass
		Inner_Full	25.82	/	/	24.72	/	/	<=33	Pass
		Inner_1RB_Left	25.77	/	/	24.67	/	/	<=33	Pass
		Inner_1RB_Right	25.93	/	/	24.83	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	23.44	/	/	22.34	/	/	<=33	Pass
		Edge_1RB_Right	23.55	/	/	22.45	/	/	<=33	Pass
		Outer_Full	24.12	/	/	23.02	/	/	<=33	Pass
		Inner_Full	25.53	/	/	24.43	/	/	<=33	Pass
		Inner_1RB_Left	25.66	/	/	24.56	/	/	<=33	Pass
		Inner_1RB_Right	25.61	/	/	24.51	/	/	<=33	Pass
CP-OFDM 16 QAM	2521.02	Edge_1RB_Left	22.92	/	/	21.82	/	/	<=33	Pass
		Edge_1RB_Right	22.88	/	/	21.78	/	/	<=33	Pass
		Outer_Full	23.73	/	/	22.63	/	/	<=33	Pass
		Inner_Full	24.81	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Left	24.65	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Right	24.26	/	/	23.16	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.53	/	/	22.43	/	/	<=33	Pass
		Edge_1RB_Right	23.40	/	/	22.30	/	/	<=33	Pass
		Outer_Full	24.37	/	/	23.27	/	/	<=33	Pass
		Inner_Full	25.28	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Left	25.07	/	/	23.97	/	/	<=33	Pass
		Inner_1RB_Right	25.09	/	/	23.99	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	23.40	/	/	22.30	/	/	<=33	Pass
		Edge_1RB_Right	23.35	/	/	22.25	/	/	<=33	Pass
		Outer_Full	23.99	/	/	22.89	/	/	<=33	Pass
		Inner_Full	24.92	/	/	23.82	/	/	<=33	Pass
		Inner_1RB_Left	24.68	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Right	24.92	/	/	23.82	/	/	<=33	Pass
CP-OFDM 64 QAM	2521.02	Edge_1RB_Left	23.11	/	/	22.01	/	/	<=33	Pass

		Edge 1RB Right	22.80	/	/	21.70	/	/	<=33	Pass	
		Outer_Full	23.24	/	/	22.14	/	/	<=33	Pass	
		Inner_Full	23.33	/	/	22.23	/	/	<=33	Pass	
		Inner_1RB_Left	23.00	/	/	21.90	/	/	<=33	Pass	
		Inner_1RB_Right	22.95	/	/	21.85	/	/	<=33	Pass	
	2592.99	Edge 1RB Left	23.79	/	/	22.69	/	/	<=33	Pass	
		Edge 1RB Right	23.93	/	/	22.83	/	/	<=33	Pass	
		Outer_Full	23.87	/	/	22.77	/	/	<=33	Pass	
		Inner_Full	23.93	/	/	22.83	/	/	<=33	Pass	
		Inner_1RB_Left	23.58	/	/	22.48	/	/	<=33	Pass	
	2664.99	Inner_1RB_Right	23.41	/	/	22.31	/	/	<=33	Pass	
		Edge 1RB Left	23.40	/	/	22.30	/	/	<=33	Pass	
		Edge 1RB Right	23.43	/	/	22.33	/	/	<=33	Pass	
		Outer_Full	23.57	/	/	22.47	/	/	<=33	Pass	
		Inner_Full	23.52	/	/	22.42	/	/	<=33	Pass	
	CP-OFDM 256 QAM	2521.02	Inner_1RB_Left	23.55	/	/	22.45	/	/	<=33	Pass
			Inner_1RB_Right	23.46	/	/	22.36	/	/	<=33	Pass
			Edge 1RB Left	20.22	/	/	19.12	/	/	<=33	Pass
			Edge 1RB Right	19.98	/	/	18.88	/	/	<=33	Pass
			Outer_Full	20.28	/	/	19.18	/	/	<=33	Pass
2592.99		Inner_Full	20.33	/	/	19.23	/	/	<=33	Pass	
		Inner_1RB_Left	20.31	/	/	19.21	/	/	<=33	Pass	
		Inner_1RB_Right	20.05	/	/	18.95	/	/	<=33	Pass	
		Edge 1RB Left	20.75	/	/	19.65	/	/	<=33	Pass	
		Edge 1RB Right	20.94	/	/	19.84	/	/	<=33	Pass	
2664.99		Outer_Full	21.01	/	/	19.91	/	/	<=33	Pass	
		Inner_Full	20.91	/	/	19.81	/	/	<=33	Pass	
		Inner_1RB_Left	20.73	/	/	19.63	/	/	<=33	Pass	
		Inner_1RB_Right	20.94	/	/	19.84	/	/	<=33	Pass	
		Edge 1RB Left	20.47	/	/	19.37	/	/	<=33	Pass	
		Edge 1RB Right	20.59	/	/	19.49	/	/	<=33	Pass	
		Outer_Full	20.57	/	/	19.47	/	/	<=33	Pass	
		Inner_Full	20.62	/	/	19.52	/	/	<=33	Pass	
		Inner_1RB_Left	20.53	/	/	19.43	/	/	<=33	Pass	
		Inner_1RB_Right	20.64	/	/	19.54	/	/	<=33	Pass	
Note1: Antenna Gain: Ant2: -1.10dBi; Ant5: 0.00dBi;											
Note2: EIRP=Conducted Power+Antenna Gain											

1.1.5 30k_SISO_60MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant5	Sum	Ant2	Ant5	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2526	Edge 1RB Left	23.14	/	/	22.04	/	/	<=33	Pass
		Edge 1RB Right	22.74	/	/	21.64	/	/	<=33	Pass
		Outer Full	26.26	/	/	25.16	/	/	<=33	Pass
		Inner Full	26.82	/	/	25.72	/	/	<=33	Pass
		Inner 1RB Left	26.61	/	/	25.51	/	/	<=33	Pass
		Inner 1RB Right	26.22	/	/	25.12	/	/	<=33	Pass
	2592.99	Edge 1RB Left	23.53	/	/	22.43	/	/	<=33	Pass
		Edge 1RB Right	23.69	/	/	22.59	/	/	<=33	Pass
		Outer Full	26.93	/	/	25.83	/	/	<=33	Pass
		Inner Full	27.42	/	/	26.32	/	/	<=33	Pass
		Inner 1RB Left	27.18	/	/	26.08	/	/	<=33	Pass
		Inner 1RB Right	27.20	/	/	26.10	/	/	<=33	Pass
	2659.98	Edge 1RB Left	23.56	/	/	22.46	/	/	<=33	Pass
		Edge 1RB Right	23.31	/	/	22.21	/	/	<=33	Pass
		Outer Full	26.62	/	/	25.52	/	/	<=33	Pass

		Inner_Full	26.95	/	/	25.85	/	/	<=33	Pass
		Inner_1RB_Left	27.06	/	/	25.96	/	/	<=33	Pass
		Inner_1RB_Right	26.99	/	/	25.89	/	/	<=33	Pass
DFT-s-OFDM QPSK	2526	Edge_1RB_Left	23.15	/	/	22.05	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	21.61	/	/	<=33	Pass
		Outer_Full	25.70	/	/	24.60	/	/	<=33	Pass
		Inner_Full	26.72	/	/	25.62	/	/	<=33	Pass
		Inner_1RB_Left	26.50	/	/	25.40	/	/	<=33	Pass
		Inner_1RB_Right	26.19	/	/	25.09	/	/	<=33	Pass
		Edge_1RB_Left	23.62	/	/	22.52	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	23.81	/	/	22.71	/	/	<=33	Pass
		Outer_Full	26.44	/	/	25.34	/	/	<=33	Pass
		Inner_Full	27.37	/	/	26.27	/	/	<=33	Pass
		Inner_1RB_Left	27.14	/	/	26.04	/	/	<=33	Pass
		Inner_1RB_Right	27.44	/	/	26.34	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	23.34	/	/	22.24	/	/	<=33	Pass
		Edge_1RB_Right	23.47	/	/	22.37	/	/	<=33	Pass
		Outer_Full	25.98	/	/	24.88	/	/	<=33	Pass
		Inner_Full	26.81	/	/	25.71	/	/	<=33	Pass
		Inner_1RB_Left	27.00	/	/	25.90	/	/	<=33	Pass
		Inner_1RB_Right	26.68	/	/	25.58	/	/	<=33	Pass
		Edge_1RB_Left	23.09	/	/	21.99	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2526	Edge_1RB_Right	22.67	/	/	21.57	/	/	<=33	Pass
		Outer_Full	24.64	/	/	23.54	/	/	<=33	Pass
		Inner_Full	25.67	/	/	24.57	/	/	<=33	Pass
		Inner_1RB_Left	25.47	/	/	24.37	/	/	<=33	Pass
		Inner_1RB_Right	25.06	/	/	23.96	/	/	<=33	Pass
		Edge_1RB_Left	23.58	/	/	22.48	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	23.62	/	/	22.52	/	/	<=33	Pass
		Outer_Full	25.46	/	/	24.36	/	/	<=33	Pass
		Inner_Full	26.41	/	/	25.31	/	/	<=33	Pass
		Inner_1RB_Left	25.98	/	/	24.88	/	/	<=33	Pass
		Inner_1RB_Right	26.08	/	/	24.98	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	23.32	/	/	22.22	/	/	<=33	Pass
		Edge_1RB_Right	23.28	/	/	22.18	/	/	<=33	Pass
		Outer_Full	24.87	/	/	23.77	/	/	<=33	Pass
		Inner_Full	25.93	/	/	24.83	/	/	<=33	Pass
		Inner_1RB_Left	25.72	/	/	24.62	/	/	<=33	Pass
		Inner_1RB_Right	25.77	/	/	24.67	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2526	Edge_1RB_Left	23.01	/	/	21.91	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	21.51	/	/	<=33	Pass
		Outer_Full	24.28	/	/	23.18	/	/	<=33	Pass
		Inner_Full	24.22	/	/	23.12	/	/	<=33	Pass
		Inner_1RB_Left	24.12	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Right	23.75	/	/	22.65	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.69	/	/	22.59	/	/	<=33	Pass
		Edge_1RB_Right	23.79	/	/	22.69	/	/	<=33	Pass
		Outer_Full	24.88	/	/	23.78	/	/	<=33	Pass
		Inner_Full	25.08	/	/	23.98	/	/	<=33	Pass
		Inner_1RB_Left	24.60	/	/	23.50	/	/	<=33	Pass
	2659.98	Inner_1RB_Right	24.69	/	/	23.59	/	/	<=33	Pass
		Edge_1RB_Left	23.33	/	/	22.23	/	/	<=33	Pass
		Edge_1RB_Right	23.28	/	/	22.18	/	/	<=33	Pass
		Outer_Full	24.38	/	/	23.28	/	/	<=33	Pass
		Inner_Full	24.42	/	/	23.32	/	/	<=33	Pass
		Inner_1RB_Left	24.38	/	/	23.28	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2526	Inner_1RB_Right	24.36	/	/	23.26	/	/	<=33	Pass
		Edge_1RB_Left	22.46	/	/	21.36	/	/	<=33	Pass
		Edge_1RB_Right	21.77	/	/	20.67	/	/	<=33	Pass

		Outer_Full	22.27	/	/	21.17	/	/	<=33	Pass
		Inner_Full	22.31	/	/	21.21	/	/	<=33	Pass
		Inner_1RB_Left	22.33	/	/	21.23	/	/	<=33	Pass
		Inner_1RB_Right	21.90	/	/	20.80	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.68	/	/	21.58	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	21.80	/	/	<=33	Pass
		Outer_Full	22.97	/	/	21.87	/	/	<=33	Pass
		Inner_Full	23.03	/	/	21.93	/	/	<=33	Pass
		Inner_1RB_Left	22.65	/	/	21.55	/	/	<=33	Pass
		Inner_1RB_Right	22.87	/	/	21.77	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.56	/	/	21.46	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	21.41	/	/	<=33	Pass
		Outer_Full	22.51	/	/	21.41	/	/	<=33	Pass
		Inner_Full	22.36	/	/	21.26	/	/	<=33	Pass
		Inner_1RB_Left	22.73	/	/	21.63	/	/	<=33	Pass
		Inner_1RB_Right	22.50	/	/	21.40	/	/	<=33	Pass
CP-OFDM QPSK	2526	Edge_1RB_Left	22.95	/	/	21.85	/	/	<=33	Pass
		Edge_1RB_Right	22.73	/	/	21.63	/	/	<=33	Pass
		Outer_Full	23.75	/	/	22.65	/	/	<=33	Pass
		Inner_Full	25.31	/	/	24.21	/	/	<=33	Pass
		Inner_1RB_Left	25.27	/	/	24.17	/	/	<=33	Pass
		Inner_1RB_Right	24.74	/	/	23.64	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.62	/	/	22.52	/	/	<=33	Pass
		Edge_1RB_Right	23.84	/	/	22.74	/	/	<=33	Pass
		Outer_Full	24.48	/	/	23.38	/	/	<=33	Pass
		Inner_Full	25.98	/	/	24.88	/	/	<=33	Pass
		Inner_1RB_Left	25.71	/	/	24.61	/	/	<=33	Pass
		Inner_1RB_Right	25.72	/	/	24.62	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	23.46	/	/	22.36	/	/	<=33	Pass
		Edge_1RB_Right	23.26	/	/	22.16	/	/	<=33	Pass
		Outer_Full	24.01	/	/	22.91	/	/	<=33	Pass
		Inner_Full	25.31	/	/	24.21	/	/	<=33	Pass
		Inner_1RB_Left	25.54	/	/	24.44	/	/	<=33	Pass
		Inner_1RB_Right	25.32	/	/	24.22	/	/	<=33	Pass
CP-OFDM 16 QAM	2526	Edge_1RB_Left	23.04	/	/	21.94	/	/	<=33	Pass
		Edge_1RB_Right	22.56	/	/	21.46	/	/	<=33	Pass
		Outer_Full	23.79	/	/	22.69	/	/	<=33	Pass
		Inner_Full	24.82	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Left	24.53	/	/	23.43	/	/	<=33	Pass
		Inner_1RB_Right	24.10	/	/	23.00	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.40	/	/	22.30	/	/	<=33	Pass
		Edge_1RB_Right	23.59	/	/	22.49	/	/	<=33	Pass
		Outer_Full	24.48	/	/	23.38	/	/	<=33	Pass
		Inner_Full	25.50	/	/	24.40	/	/	<=33	Pass
		Inner_1RB_Left	24.99	/	/	23.89	/	/	<=33	Pass
		Inner_1RB_Right	25.01	/	/	23.91	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	23.29	/	/	22.19	/	/	<=33	Pass
		Edge_1RB_Right	23.35	/	/	22.25	/	/	<=33	Pass
		Outer_Full	23.88	/	/	22.78	/	/	<=33	Pass
		Inner_Full	24.81	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Left	24.90	/	/	23.80	/	/	<=33	Pass
		Inner_1RB_Right	24.64	/	/	23.54	/	/	<=33	Pass
CP-OFDM 64 QAM	2526	Edge_1RB_Left	23.05	/	/	21.95	/	/	<=33	Pass
		Edge_1RB_Right	22.81	/	/	21.71	/	/	<=33	Pass
		Outer_Full	23.27	/	/	22.17	/	/	<=33	Pass
		Inner_Full	23.32	/	/	22.22	/	/	<=33	Pass
		Inner_1RB_Left	23.23	/	/	22.13	/	/	<=33	Pass
		Inner_1RB_Right	22.74	/	/	21.64	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.69	/	/	22.59	/	/	<=33	Pass

		Edge 1RB Right	23.71	/	/	22.61	/	/	<=33	Pass
		Outer_Full	23.97	/	/	22.87	/	/	<=33	Pass
		Inner_Full	24.04	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Left	23.54	/	/	22.44	/	/	<=33	Pass
		Inner_1RB_Right	23.69	/	/	22.59	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	23.42	/	/	22.32	/	/	<=33	Pass
		Edge_1RB_Right	23.38	/	/	22.28	/	/	<=33	Pass
		Outer_Full	23.42	/	/	22.32	/	/	<=33	Pass
		Inner_Full	23.32	/	/	22.22	/	/	<=33	Pass
		Inner_1RB_Left	23.50	/	/	22.40	/	/	<=33	Pass
Inner_1RB_Right	23.37	/	/	22.27	/	/	<=33	Pass		
CP-OFDM 256 QAM	2526	Edge_1RB_Left	20.15	/	/	19.05	/	/	<=33	Pass
		Edge_1RB_Right	19.91	/	/	18.81	/	/	<=33	Pass
		Outer_Full	20.32	/	/	19.22	/	/	<=33	Pass
		Inner_Full	20.33	/	/	19.23	/	/	<=33	Pass
		Inner_1RB_Left	20.25	/	/	19.15	/	/	<=33	Pass
		Inner_1RB_Right	19.91	/	/	18.81	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.77	/	/	19.67	/	/	<=33	Pass
		Edge_1RB_Right	20.77	/	/	19.67	/	/	<=33	Pass
		Outer_Full	21.12	/	/	20.02	/	/	<=33	Pass
		Inner_Full	21.03	/	/	19.93	/	/	<=33	Pass
		Inner_1RB_Left	20.76	/	/	19.66	/	/	<=33	Pass
		Inner_1RB_Right	20.76	/	/	19.66	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	20.51	/	/	19.41	/	/	<=33	Pass
		Edge_1RB_Right	20.47	/	/	19.37	/	/	<=33	Pass
		Outer_Full	20.62	/	/	19.52	/	/	<=33	Pass
		Inner_Full	20.28	/	/	19.18	/	/	<=33	Pass
		Inner_1RB_Left	20.44	/	/	19.34	/	/	<=33	Pass
		Inner_1RB_Right	20.52	/	/	19.42	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; Ant5: 0.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30k_SISO_70MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 70MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant5	Sum	Ant2	Ant5	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2531.01	Edge 1RB Left	22.92	/	/	21.82	/	/	<=33	Pass
		Edge 1RB Right	22.92	/	/	21.82	/	/	<=33	Pass
		Outer Full	25.95	/	/	24.85	/	/	<=33	Pass
		Inner Full	26.48	/	/	25.38	/	/	<=33	Pass
		Inner 1RB Left	26.37	/	/	25.27	/	/	<=33	Pass
		Inner 1RB Right	26.27	/	/	25.17	/	/	<=33	Pass
	2592.99	Edge 1RB Left	23.09	/	/	21.99	/	/	<=33	Pass
		Edge 1RB Right	23.16	/	/	22.06	/	/	<=33	Pass
		Outer Full	26.53	/	/	25.43	/	/	<=33	Pass
		Inner Full	27.05	/	/	25.95	/	/	<=33	Pass
		Inner 1RB Left	26.63	/	/	25.53	/	/	<=33	Pass
		Inner 1RB Right	26.69	/	/	25.59	/	/	<=33	Pass
	2655	Edge 1RB Left	23.20	/	/	22.10	/	/	<=33	Pass
		Edge 1RB Right	22.83	/	/	21.73	/	/	<=33	Pass
		Outer Full	26.04	/	/	24.94	/	/	<=33	Pass
		Inner Full	26.25	/	/	25.15	/	/	<=33	Pass
		Inner 1RB Left	26.72	/	/	25.62	/	/	<=33	Pass
		Inner 1RB Right	26.39	/	/	25.29	/	/	<=33	Pass
DFT-s-OFDM QPSK	2531.01	Edge 1RB Left	22.88	/	/	21.78	/	/	<=33	Pass
		Edge 1RB Right	22.85	/	/	21.75	/	/	<=33	Pass
		Outer Full	25.45	/	/	24.35	/	/	<=33	Pass

		Inner_Full	26.44	/	/	25.34	/	/	<=33	Pass
		Inner_1RB_Left	26.33	/	/	25.23	/	/	<=33	Pass
		Inner_1RB_Right	26.19	/	/	25.09	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.03	/	/	21.93	/	/	<=33	Pass
		Edge_1RB_Right	23.18	/	/	22.08	/	/	<=33	Pass
		Outer_Full	26.13	/	/	25.03	/	/	<=33	Pass
		Inner_Full	27.07	/	/	25.97	/	/	<=33	Pass
		Inner_1RB_Left	26.58	/	/	25.48	/	/	<=33	Pass
		Inner_1RB_Right	26.65	/	/	25.55	/	/	<=33	Pass
		Edge_1RB_Left	23.26	/	/	22.16	/	/	<=33	Pass
	2655	Edge_1RB_Right	22.82	/	/	21.72	/	/	<=33	Pass
		Outer_Full	25.55	/	/	24.45	/	/	<=33	Pass
		Inner_Full	26.27	/	/	25.17	/	/	<=33	Pass
		Inner_1RB_Left	26.67	/	/	25.57	/	/	<=33	Pass
		Inner_1RB_Right	26.34	/	/	25.24	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2531.01	Edge_1RB_Left	22.80	/	/	21.70	/	/	<=33	Pass
		Edge_1RB_Right	22.65	/	/	21.55	/	/	<=33	Pass
		Outer_Full	24.42	/	/	23.32	/	/	<=33	Pass
		Inner_Full	25.48	/	/	24.38	/	/	<=33	Pass
		Inner_1RB_Left	25.22	/	/	24.12	/	/	<=33	Pass
		Inner_1RB_Right	25.12	/	/	24.02	/	/	<=33	Pass
		Edge_1RB_Left	23.07	/	/	21.97	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	23.14	/	/	22.04	/	/	<=33	Pass
		Outer_Full	25.03	/	/	23.93	/	/	<=33	Pass
		Inner_Full	26.06	/	/	24.96	/	/	<=33	Pass
		Inner_1RB_Left	25.57	/	/	24.47	/	/	<=33	Pass
		Inner_1RB_Right	25.57	/	/	24.47	/	/	<=33	Pass
	2655	Edge_1RB_Left	23.09	/	/	21.99	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	21.59	/	/	<=33	Pass
		Outer_Full	24.44	/	/	23.34	/	/	<=33	Pass
		Inner_Full	25.36	/	/	24.26	/	/	<=33	Pass
		Inner_1RB_Left	25.57	/	/	24.47	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2531.01	Inner_1RB_Right	25.22	/	/	24.12	/	/	<=33	Pass
		Edge_1RB_Left	22.80	/	/	21.70	/	/	<=33	Pass
		Edge_1RB_Right	22.68	/	/	21.58	/	/	<=33	Pass
		Outer_Full	23.92	/	/	22.82	/	/	<=33	Pass
		Inner_Full	24.00	/	/	22.90	/	/	<=33	Pass
		Inner_1RB_Left	23.79	/	/	22.69	/	/	<=33	Pass
		Inner_1RB_Right	23.69	/	/	22.59	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.21	/	/	22.11	/	/	<=33	Pass
		Edge_1RB_Right	23.25	/	/	22.15	/	/	<=33	Pass
		Outer_Full	24.46	/	/	23.36	/	/	<=33	Pass
		Inner_Full	24.61	/	/	23.51	/	/	<=33	Pass
		Inner_1RB_Left	24.02	/	/	22.92	/	/	<=33	Pass
	2655	Inner_1RB_Right	24.16	/	/	23.06	/	/	<=33	Pass
		Edge_1RB_Left	23.09	/	/	21.99	/	/	<=33	Pass
		Edge_1RB_Right	22.72	/	/	21.62	/	/	<=33	Pass
		Outer_Full	23.94	/	/	22.84	/	/	<=33	Pass
		Inner_Full	23.78	/	/	22.68	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2531.01	Inner_1RB_Left	24.10	/	/	23.00	/	/	<=33	Pass
		Inner_1RB_Right	23.69	/	/	22.59	/	/	<=33	Pass
		Edge_1RB_Left	22.12	/	/	21.02	/	/	<=33	Pass
		Edge_1RB_Right	22.17	/	/	21.07	/	/	<=33	Pass
		Outer_Full	21.89	/	/	20.79	/	/	<=33	Pass
		Inner_Full	21.97	/	/	20.87	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	21.99	/	/	20.89	/	/	<=33	Pass
		Inner_1RB_Right	22.04	/	/	20.94	/	/	<=33	Pass
		Edge_1RB_Left	22.12	/	/	21.02	/	/	<=33	Pass
		Edge_1RB_Right	22.19	/	/	21.09	/	/	<=33	Pass

		Outer_Full	22.58	/	/	21.48	/	/	<=33	Pass
		Inner_Full	22.56	/	/	21.46	/	/	<=33	Pass
		Inner_1RB_Left	22.31	/	/	21.21	/	/	<=33	Pass
		Inner_1RB_Right	22.15	/	/	21.05	/	/	<=33	Pass
	2655	Edge_1RB_Left	22.20	/	/	21.10	/	/	<=33	Pass
		Edge_1RB_Right	21.84	/	/	20.74	/	/	<=33	Pass
		Outer_Full	22.00	/	/	20.90	/	/	<=33	Pass
		Inner_Full	21.87	/	/	20.77	/	/	<=33	Pass
		Inner_1RB_Left	22.46	/	/	21.36	/	/	<=33	Pass
		Inner_1RB_Right	21.85	/	/	20.75	/	/	<=33	Pass
CP-OFDM QPSK	2531.01	Edge_1RB_Left	23.12	/	/	22.02	/	/	<=33	Pass
		Edge_1RB_Right	22.83	/	/	21.73	/	/	<=33	Pass
		Outer_Full	23.52	/	/	22.42	/	/	<=33	Pass
		Inner_Full	24.94	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Left	25.03	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Right	24.90	/	/	23.80	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.22	/	/	22.12	/	/	<=33	Pass
		Edge_1RB_Right	23.09	/	/	21.99	/	/	<=33	Pass
		Outer_Full	24.09	/	/	22.99	/	/	<=33	Pass
		Inner_Full	25.59	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Left	25.39	/	/	24.29	/	/	<=33	Pass
		Inner_1RB_Right	25.28	/	/	24.18	/	/	<=33	Pass
	2655	Edge_1RB_Left	23.05	/	/	21.95	/	/	<=33	Pass
		Edge_1RB_Right	22.85	/	/	21.75	/	/	<=33	Pass
		Outer_Full	23.53	/	/	22.43	/	/	<=33	Pass
		Inner_Full	24.81	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Left	25.15	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Right	24.93	/	/	23.83	/	/	<=33	Pass
CP-OFDM 16 QAM	2531.01	Edge_1RB_Left	22.78	/	/	21.68	/	/	<=33	Pass
		Edge_1RB_Right	22.83	/	/	21.73	/	/	<=33	Pass
		Outer_Full	23.43	/	/	22.33	/	/	<=33	Pass
		Inner_Full	24.49	/	/	23.39	/	/	<=33	Pass
		Inner_1RB_Left	24.37	/	/	23.27	/	/	<=33	Pass
		Inner_1RB_Right	24.24	/	/	23.14	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.96	/	/	21.86	/	/	<=33	Pass
		Edge_1RB_Right	22.92	/	/	21.82	/	/	<=33	Pass
		Outer_Full	23.99	/	/	22.89	/	/	<=33	Pass
		Inner_Full	25.11	/	/	24.01	/	/	<=33	Pass
		Inner_1RB_Left	24.32	/	/	23.22	/	/	<=33	Pass
		Inner_1RB_Right	24.46	/	/	23.36	/	/	<=33	Pass
	2655	Edge_1RB_Left	23.06	/	/	21.96	/	/	<=33	Pass
		Edge_1RB_Right	22.50	/	/	21.40	/	/	<=33	Pass
		Outer_Full	23.59	/	/	22.49	/	/	<=33	Pass
		Inner_Full	24.44	/	/	23.34	/	/	<=33	Pass
		Inner_1RB_Left	24.53	/	/	23.43	/	/	<=33	Pass
		Inner_1RB_Right	24.55	/	/	23.45	/	/	<=33	Pass
CP-OFDM 64 QAM	2531.01	Edge_1RB_Left	22.79	/	/	21.69	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	21.60	/	/	<=33	Pass
		Outer_Full	22.92	/	/	21.82	/	/	<=33	Pass
		Inner_Full	22.98	/	/	21.88	/	/	<=33	Pass
		Inner_1RB_Left	22.83	/	/	21.73	/	/	<=33	Pass
		Inner_1RB_Right	22.80	/	/	21.70	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.10	/	/	22.00	/	/	<=33	Pass
		Edge_1RB_Right	23.21	/	/	22.11	/	/	<=33	Pass
		Outer_Full	23.53	/	/	22.43	/	/	<=33	Pass
		Inner_Full	23.57	/	/	22.47	/	/	<=33	Pass
		Inner_1RB_Left	23.13	/	/	22.03	/	/	<=33	Pass
		Inner_1RB_Right	23.29	/	/	22.19	/	/	<=33	Pass
	2655	Edge_1RB_Left	23.22	/	/	22.12	/	/	<=33	Pass

		Edge 1RB Right	22.82	/	/	21.72	/	/	<=33	Pass	
		Outer_Full	23.09	/	/	21.99	/	/	<=33	Pass	
		Inner_Full	22.90	/	/	21.80	/	/	<=33	Pass	
		Inner_1RB_Left	23.29	/	/	22.19	/	/	<=33	Pass	
		Inner_1RB_Right	22.93	/	/	21.83	/	/	<=33	Pass	
CP-OFDM 256 QAM	2531.01	Edge_1RB_Left	19.99	/	/	18.89	/	/	<=33	Pass	
		Edge_1RB_Right	19.93	/	/	18.83	/	/	<=33	Pass	
		Outer_Full	19.94	/	/	18.84	/	/	<=33	Pass	
		Inner_Full	19.96	/	/	18.86	/	/	<=33	Pass	
		Inner_1RB_Left	20.05	/	/	18.95	/	/	<=33	Pass	
		Inner_1RB_Right	20.00	/	/	18.90	/	/	<=33	Pass	
		2592.99	Edge_1RB_Left	20.09	/	/	18.99	/	/	<=33	Pass
			Edge_1RB_Right	20.19	/	/	19.09	/	/	<=33	Pass
			Outer_Full	20.51	/	/	19.41	/	/	<=33	Pass
			Inner_Full	20.60	/	/	19.50	/	/	<=33	Pass
	Inner_1RB_Left		20.07	/	/	18.97	/	/	<=33	Pass	
		Inner_1RB_Right	20.21	/	/	19.11	/	/	<=33	Pass	
		2655	Edge_1RB_Left	20.36	/	/	19.26	/	/	<=33	Pass
			Edge_1RB_Right	19.99	/	/	18.89	/	/	<=33	Pass
			Outer_Full	20.10	/	/	19.00	/	/	<=33	Pass
Inner_Full			19.88	/	/	18.78	/	/	<=33	Pass	
Inner_1RB_Left	20.24		/	/	19.14	/	/	<=33	Pass		
	Inner_1RB_Right	19.93	/	/	18.83	/	/	<=33	Pass		
Note1: Antenna Gain: Ant2: -1.10dBi; Ant5: 0.00dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.7 30k_SISO_80MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant5	Sum	Ant2	Ant5	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2536.02	Edge_1RB_Left	22.87	/	/	21.77	/	/	<=33	Pass
		Edge_1RB_Right	23.02	/	/	21.92	/	/	<=33	Pass
		Outer_Full	25.89	/	/	24.79	/	/	<=33	Pass
		Inner_Full	26.33	/	/	25.23	/	/	<=33	Pass
		Inner_1RB_Left	26.34	/	/	25.24	/	/	<=33	Pass
		Inner_1RB_Right	26.49	/	/	25.39	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.86	/	/	21.76	/	/	<=33	Pass
		Edge_1RB_Right	23.18	/	/	22.08	/	/	<=33	Pass
		Outer_Full	26.52	/	/	25.42	/	/	<=33	Pass
		Inner_Full	27.06	/	/	25.96	/	/	<=33	Pass
		Inner_1RB_Left	26.45	/	/	25.35	/	/	<=33	Pass
		Inner_1RB_Right	26.57	/	/	25.47	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	23.29	/	/	22.19	/	/	<=33	Pass
		Edge_1RB_Right	22.83	/	/	21.73	/	/	<=33	Pass
		Outer_Full	26.06	/	/	24.96	/	/	<=33	Pass
		Inner_Full	26.34	/	/	25.24	/	/	<=33	Pass
		Inner_1RB_Left	26.76	/	/	25.66	/	/	<=33	Pass
		Inner_1RB_Right	26.25	/	/	25.15	/	/	<=33	Pass
DFT-s-OFDM QPSK	2536.02	Edge_1RB_Left	22.82	/	/	21.72	/	/	<=33	Pass
		Edge_1RB_Right	23.04	/	/	21.94	/	/	<=33	Pass
		Outer_Full	25.48	/	/	24.38	/	/	<=33	Pass
		Inner_Full	26.41	/	/	25.31	/	/	<=33	Pass
		Inner_1RB_Left	26.34	/	/	25.24	/	/	<=33	Pass
		Inner_1RB_Right	26.58	/	/	25.48	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.83	/	/	21.73	/	/	<=33	Pass
		Edge_1RB_Right	23.07	/	/	21.97	/	/	<=33	Pass
Outer_Full		25.97	/	/	24.87	/	/	<=33	Pass	

		Inner_Full	27.05	/	/	25.95	/	/	<=33	Pass
		Inner_1RB_Left	26.19	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Right	26.57	/	/	25.47	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	23.25	/	/	22.15	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	21.80	/	/	<=33	Pass
		Outer_Full	25.67	/	/	24.57	/	/	<=33	Pass
		Inner_Full	26.42	/	/	25.32	/	/	<=33	Pass
		Inner_1RB_Left	26.84	/	/	25.74	/	/	<=33	Pass
		Inner_1RB_Right	26.27	/	/	25.17	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2536.02	Edge_1RB_Left	22.83	/	/	21.73	/	/	<=33	Pass
		Edge_1RB_Right	22.95	/	/	21.85	/	/	<=33	Pass
		Outer_Full	24.46	/	/	23.36	/	/	<=33	Pass
		Inner_Full	25.46	/	/	24.36	/	/	<=33	Pass
		Inner_1RB_Left	25.25	/	/	24.15	/	/	<=33	Pass
		Inner_1RB_Right	25.40	/	/	24.30	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.81	/	/	21.71	/	/	<=33	Pass
		Edge_1RB_Right	23.00	/	/	21.90	/	/	<=33	Pass
		Outer_Full	24.85	/	/	23.75	/	/	<=33	Pass
		Inner_Full	25.93	/	/	24.83	/	/	<=33	Pass
		Inner_1RB_Left	25.27	/	/	24.17	/	/	<=33	Pass
		Inner_1RB_Right	25.45	/	/	24.35	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	23.17	/	/	22.07	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	21.72	/	/	<=33	Pass
		Outer_Full	24.58	/	/	23.48	/	/	<=33	Pass
		Inner_Full	25.44	/	/	24.34	/	/	<=33	Pass
		Inner_1RB_Left	25.77	/	/	24.67	/	/	<=33	Pass
		Inner_1RB_Right	25.25	/	/	24.15	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2536.02	Edge_1RB_Left	22.81	/	/	21.71	/	/	<=33	Pass
		Edge_1RB_Right	23.03	/	/	21.93	/	/	<=33	Pass
		Outer_Full	23.84	/	/	22.74	/	/	<=33	Pass
		Inner_Full	23.95	/	/	22.85	/	/	<=33	Pass
		Inner_1RB_Left	23.75	/	/	22.65	/	/	<=33	Pass
		Inner_1RB_Right	23.96	/	/	22.86	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.88	/	/	21.78	/	/	<=33	Pass
		Edge_1RB_Right	23.04	/	/	21.94	/	/	<=33	Pass
		Outer_Full	24.43	/	/	23.33	/	/	<=33	Pass
		Inner_Full	24.43	/	/	23.33	/	/	<=33	Pass
		Inner_1RB_Left	23.75	/	/	22.65	/	/	<=33	Pass
		Inner_1RB_Right	24.03	/	/	22.93	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	23.30	/	/	22.20	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	21.65	/	/	<=33	Pass
		Outer_Full	24.07	/	/	22.97	/	/	<=33	Pass
		Inner_Full	23.96	/	/	22.86	/	/	<=33	Pass
		Inner_1RB_Left	24.25	/	/	23.15	/	/	<=33	Pass
		Inner_1RB_Right	23.89	/	/	22.79	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2536.02	Edge_1RB_Left	21.82	/	/	20.72	/	/	<=33	Pass
		Edge_1RB_Right	21.94	/	/	20.84	/	/	<=33	Pass
		Outer_Full	22.01	/	/	20.91	/	/	<=33	Pass
		Inner_Full	21.91	/	/	20.81	/	/	<=33	Pass
		Inner_1RB_Left	22.05	/	/	20.95	/	/	<=33	Pass
		Inner_1RB_Right	22.16	/	/	21.06	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.90	/	/	20.80	/	/	<=33	Pass
		Edge_1RB_Right	22.09	/	/	20.99	/	/	<=33	Pass
		Outer_Full	22.42	/	/	21.32	/	/	<=33	Pass
		Inner_Full	22.56	/	/	21.46	/	/	<=33	Pass
		Inner_1RB_Left	21.89	/	/	20.79	/	/	<=33	Pass
		Inner_1RB_Right	22.13	/	/	21.03	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.42	/	/	21.32	/	/	<=33	Pass
		Edge_1RB_Right	22.08	/	/	20.98	/	/	<=33	Pass

		Outer_Full	22.14	/	/	21.04	/	/	<=33	Pass
		Inner_Full	22.04	/	/	20.94	/	/	<=33	Pass
		Inner_1RB_Left	22.37	/	/	21.27	/	/	<=33	Pass
		Inner_1RB_Right	22.01	/	/	20.91	/	/	<=33	Pass
CP-OFDM QPSK	2536.02	Edge_1RB_Left	22.78	/	/	21.68	/	/	<=33	Pass
		Edge_1RB_Right	23.07	/	/	21.97	/	/	<=33	Pass
		Outer_Full	23.47	/	/	22.37	/	/	<=33	Pass
		Inner_Full	24.91	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Left	24.97	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Right	25.12	/	/	24.02	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.97	/	/	21.87	/	/	<=33	Pass
		Edge_1RB_Right	23.13	/	/	22.03	/	/	<=33	Pass
		Outer_Full	23.95	/	/	22.85	/	/	<=33	Pass
		Inner_Full	25.46	/	/	24.36	/	/	<=33	Pass
		Inner_1RB_Left	24.97	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Right	25.02	/	/	23.92	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	23.31	/	/	22.21	/	/	<=33	Pass
		Edge_1RB_Right	22.94	/	/	21.84	/	/	<=33	Pass
		Outer_Full	23.67	/	/	22.57	/	/	<=33	Pass
		Inner_Full	24.95	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Left	25.32	/	/	24.22	/	/	<=33	Pass
		Inner_1RB_Right	24.83	/	/	23.73	/	/	<=33	Pass
CP-OFDM 16 QAM	2536.02	Edge_1RB_Left	22.67	/	/	21.57	/	/	<=33	Pass
		Edge_1RB_Right	22.95	/	/	21.85	/	/	<=33	Pass
		Outer_Full	23.46	/	/	22.36	/	/	<=33	Pass
		Inner_Full	24.46	/	/	23.36	/	/	<=33	Pass
		Inner_1RB_Left	24.19	/	/	23.09	/	/	<=33	Pass
		Inner_1RB_Right	24.43	/	/	23.33	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.79	/	/	21.69	/	/	<=33	Pass
		Edge_1RB_Right	23.00	/	/	21.90	/	/	<=33	Pass
		Outer_Full	23.84	/	/	22.74	/	/	<=33	Pass
		Inner_Full	24.93	/	/	23.83	/	/	<=33	Pass
		Inner_1RB_Left	24.24	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Right	24.41	/	/	23.31	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	23.38	/	/	22.28	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	21.67	/	/	<=33	Pass
		Outer_Full	23.56	/	/	22.46	/	/	<=33	Pass
		Inner_Full	24.50	/	/	23.40	/	/	<=33	Pass
		Inner_1RB_Left	24.81	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Right	24.49	/	/	23.39	/	/	<=33	Pass
CP-OFDM 64 QAM	2536.02	Edge_1RB_Left	22.83	/	/	21.73	/	/	<=33	Pass
		Edge_1RB_Right	23.04	/	/	21.94	/	/	<=33	Pass
		Outer_Full	22.96	/	/	21.86	/	/	<=33	Pass
		Inner_Full	22.91	/	/	21.81	/	/	<=33	Pass
		Inner_1RB_Left	22.76	/	/	21.66	/	/	<=33	Pass
		Inner_1RB_Right	23.06	/	/	21.96	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.71	/	/	21.61	/	/	<=33	Pass
		Edge_1RB_Right	22.95	/	/	21.85	/	/	<=33	Pass
		Outer_Full	23.31	/	/	22.21	/	/	<=33	Pass
		Inner_Full	23.41	/	/	22.31	/	/	<=33	Pass
		Inner_1RB_Left	22.77	/	/	21.67	/	/	<=33	Pass
		Inner_1RB_Right	22.96	/	/	21.86	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	23.26	/	/	22.16	/	/	<=33	Pass
		Edge_1RB_Right	22.80	/	/	21.70	/	/	<=33	Pass
		Outer_Full	23.09	/	/	21.99	/	/	<=33	Pass
		Inner_Full	23.05	/	/	21.95	/	/	<=33	Pass
		Inner_1RB_Left	23.39	/	/	22.29	/	/	<=33	Pass
		Inner_1RB_Right	22.83	/	/	21.73	/	/	<=33	Pass
CP-OFDM 256 QAM	2536.02	Edge_1RB_Left	19.97	/	/	18.87	/	/	<=33	Pass

		Edge 1RB Right	20.14	/	/	19.04	/	/	<=33	Pass
		Outer_Full	19.99	/	/	18.89	/	/	<=33	Pass
		Inner_Full	19.96	/	/	18.86	/	/	<=33	Pass
		Inner_1RB Left	19.94	/	/	18.84	/	/	<=33	Pass
		Inner_1RB Right	20.11	/	/	19.01	/	/	<=33	Pass
	2592.99	Edge 1RB Left	19.90	/	/	18.80	/	/	<=33	Pass
		Edge 1RB Right	20.07	/	/	18.97	/	/	<=33	Pass
		Outer_Full	20.37	/	/	19.27	/	/	<=33	Pass
		Inner_Full	20.46	/	/	19.36	/	/	<=33	Pass
		Inner_1RB Left	19.93	/	/	18.83	/	/	<=33	Pass
	2649.99	Inner_1RB Right	20.09	/	/	18.99	/	/	<=33	Pass
		Edge 1RB Left	20.33	/	/	19.23	/	/	<=33	Pass
		Edge 1RB Right	20.10	/	/	19.00	/	/	<=33	Pass
		Outer_Full	20.15	/	/	19.05	/	/	<=33	Pass
		Inner_Full	20.10	/	/	19.00	/	/	<=33	Pass
		Inner_1RB Left	20.44	/	/	19.34	/	/	<=33	Pass
		Inner_1RB Right	20.05	/	/	18.95	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; Ant5: 0.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_90MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 90MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant5	Sum	Ant2	Ant5	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2541	Edge 1RB Left	22.92	/	/	21.82	/	/	<=33	Pass
		Edge 1RB Right	23.21	/	/	22.11	/	/	<=33	Pass
		Outer Full	26.02	/	/	24.92	/	/	<=33	Pass
		Inner Full	26.35	/	/	25.25	/	/	<=33	Pass
		Inner 1RB Left	26.37	/	/	25.27	/	/	<=33	Pass
		Inner 1RB Right	26.72	/	/	25.62	/	/	<=33	Pass
	2592.99	Edge 1RB Left	22.95	/	/	21.85	/	/	<=33	Pass
		Edge 1RB Right	23.20	/	/	22.10	/	/	<=33	Pass
		Outer Full	26.52	/	/	25.42	/	/	<=33	Pass
		Inner Full	27.08	/	/	25.98	/	/	<=33	Pass
		Inner 1RB Left	26.51	/	/	25.41	/	/	<=33	Pass
		Inner 1RB Right	26.75	/	/	25.65	/	/	<=33	Pass
	2644.98	Edge 1RB Left	23.38	/	/	22.28	/	/	<=33	Pass
		Edge 1RB Right	23.03	/	/	21.93	/	/	<=33	Pass
		Outer Full	26.29	/	/	25.19	/	/	<=33	Pass
		Inner Full	26.54	/	/	25.44	/	/	<=33	Pass
		Inner 1RB Left	26.82	/	/	25.72	/	/	<=33	Pass
		Inner 1RB Right	26.60	/	/	25.50	/	/	<=33	Pass
DFT-s-OFDM QPSK	2541	Edge 1RB Left	22.88	/	/	21.78	/	/	<=33	Pass
		Edge 1RB Right	23.19	/	/	22.09	/	/	<=33	Pass
		Outer Full	25.55	/	/	24.45	/	/	<=33	Pass
		Inner Full	26.45	/	/	25.35	/	/	<=33	Pass
		Inner 1RB Left	26.38	/	/	25.28	/	/	<=33	Pass
		Inner 1RB Right	26.71	/	/	25.61	/	/	<=33	Pass
	2592.99	Edge 1RB Left	22.92	/	/	21.82	/	/	<=33	Pass
		Edge 1RB Right	23.28	/	/	22.18	/	/	<=33	Pass
		Outer Full	26.05	/	/	24.95	/	/	<=33	Pass
		Inner Full	27.08	/	/	25.98	/	/	<=33	Pass
		Inner 1RB Left	26.43	/	/	25.33	/	/	<=33	Pass
		Inner 1RB Right	26.62	/	/	25.52	/	/	<=33	Pass
	2644.98	Edge 1RB Left	23.34	/	/	22.24	/	/	<=33	Pass
		Edge 1RB Right	23.04	/	/	21.94	/	/	<=33	Pass
		Outer Full	25.79	/	/	24.69	/	/	<=33	Pass

		Inner_Full	26.48	/	/	25.38	/	/	<=33	Pass
		Inner_1RB_Left	26.82	/	/	25.72	/	/	<=33	Pass
		Inner_1RB_Right	26.45	/	/	25.35	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2541	Edge_1RB_Left	22.86	/	/	21.76	/	/	<=33	Pass
		Edge_1RB_Right	23.16	/	/	22.06	/	/	<=33	Pass
		Outer_Full	24.49	/	/	23.39	/	/	<=33	Pass
		Inner_Full	25.48	/	/	24.38	/	/	<=33	Pass
		Inner_1RB_Left	25.24	/	/	24.14	/	/	<=33	Pass
		Inner_1RB_Right	25.60	/	/	24.50	/	/	<=33	Pass
		Edge_1RB_Left	22.87	/	/	21.77	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	23.19	/	/	22.09	/	/	<=33	Pass
		Outer_Full	24.94	/	/	23.84	/	/	<=33	Pass
		Inner_Full	26.11	/	/	25.01	/	/	<=33	Pass
		Inner_1RB_Left	25.31	/	/	24.21	/	/	<=33	Pass
		Inner_1RB_Right	25.59	/	/	24.49	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	23.23	/	/	22.13	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	21.72	/	/	<=33	Pass
		Outer_Full	24.58	/	/	23.48	/	/	<=33	Pass
		Inner_Full	25.61	/	/	24.51	/	/	<=33	Pass
		Inner_1RB_Left	25.65	/	/	24.55	/	/	<=33	Pass
		Inner_1RB_Right	25.33	/	/	24.23	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2541	Edge_1RB_Left	22.91	/	/	21.81	/	/	<=33	Pass
		Edge_1RB_Right	23.23	/	/	22.13	/	/	<=33	Pass
		Outer_Full	24.04	/	/	22.94	/	/	<=33	Pass
		Inner_Full	24.02	/	/	22.92	/	/	<=33	Pass
		Inner_1RB_Left	23.86	/	/	22.76	/	/	<=33	Pass
		Inner_1RB_Right	24.13	/	/	23.03	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.93	/	/	21.83	/	/	<=33	Pass
		Edge_1RB_Right	23.21	/	/	22.11	/	/	<=33	Pass
		Outer_Full	24.44	/	/	23.34	/	/	<=33	Pass
		Inner_Full	24.72	/	/	23.62	/	/	<=33	Pass
		Inner_1RB_Left	24.01	/	/	22.91	/	/	<=33	Pass
	2644.98	Inner_1RB_Right	24.13	/	/	23.03	/	/	<=33	Pass
		Edge_1RB_Left	23.26	/	/	22.16	/	/	<=33	Pass
		Edge_1RB_Right	22.97	/	/	21.87	/	/	<=33	Pass
		Outer_Full	24.27	/	/	23.17	/	/	<=33	Pass
		Inner_Full	24.06	/	/	22.96	/	/	<=33	Pass
		Inner_1RB_Left	24.16	/	/	23.06	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2541	Inner_1RB_Right	23.82	/	/	22.72	/	/	<=33	Pass
		Edge_1RB_Left	22.11	/	/	21.01	/	/	<=33	Pass
		Edge_1RB_Right	22.26	/	/	21.16	/	/	<=33	Pass
		Outer_Full	22.03	/	/	20.93	/	/	<=33	Pass
		Inner_Full	21.96	/	/	20.86	/	/	<=33	Pass
		Inner_1RB_Left	22.03	/	/	20.93	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	22.34	/	/	21.24	/	/	<=33	Pass
		Edge_1RB_Left	22.24	/	/	21.14	/	/	<=33	Pass
		Edge_1RB_Right	22.26	/	/	21.16	/	/	<=33	Pass
		Outer_Full	22.38	/	/	21.28	/	/	<=33	Pass
		Inner_Full	22.60	/	/	21.50	/	/	<=33	Pass
		Inner_1RB_Left	22.09	/	/	20.99	/	/	<=33	Pass
	2644.98	Inner_1RB_Right	22.20	/	/	21.10	/	/	<=33	Pass
		Edge_1RB_Left	22.39	/	/	21.29	/	/	<=33	Pass
		Edge_1RB_Right	22.05	/	/	20.95	/	/	<=33	Pass
		Outer_Full	22.37	/	/	21.27	/	/	<=33	Pass
		Inner_Full	22.04	/	/	20.94	/	/	<=33	Pass
		Inner_1RB_Left	22.36	/	/	21.26	/	/	<=33	Pass
CP-OFDM QPSK	2541	Inner_1RB_Right	22.24	/	/	21.14	/	/	<=33	Pass
		Edge_1RB_Left	22.88	/	/	21.78	/	/	<=33	Pass
		Edge_1RB_Right	23.41	/	/	22.31	/	/	<=33	Pass

		Outer_Full	23.56	/	/	22.46	/	/	<=33	Pass
		Inner_Full	24.94	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Left	25.12	/	/	24.02	/	/	<=33	Pass
		Inner_1RB_Right	25.28	/	/	24.18	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.14	/	/	22.04	/	/	<=33	Pass
		Edge_1RB_Right	23.10	/	/	22.00	/	/	<=33	Pass
		Outer_Full	23.99	/	/	22.89	/	/	<=33	Pass
		Inner_Full	25.51	/	/	24.41	/	/	<=33	Pass
		Inner_1RB_Left	25.09	/	/	23.99	/	/	<=33	Pass
		Inner_1RB_Right	25.11	/	/	24.01	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	23.35	/	/	22.25	/	/	<=33	Pass
		Edge_1RB_Right	23.01	/	/	21.91	/	/	<=33	Pass
		Outer_Full	23.82	/	/	22.72	/	/	<=33	Pass
		Inner_Full	24.93	/	/	23.83	/	/	<=33	Pass
		Inner_1RB_Left	25.41	/	/	24.31	/	/	<=33	Pass
		Inner_1RB_Right	25.02	/	/	23.92	/	/	<=33	Pass
CP-OFDM 16 QAM	2541	Edge_1RB_Left	22.79	/	/	21.69	/	/	<=33	Pass
		Edge_1RB_Right	23.28	/	/	22.18	/	/	<=33	Pass
		Outer_Full	23.58	/	/	22.48	/	/	<=33	Pass
		Inner_Full	24.47	/	/	23.37	/	/	<=33	Pass
		Inner_1RB_Left	24.31	/	/	23.21	/	/	<=33	Pass
		Inner_1RB_Right	24.57	/	/	23.47	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.92	/	/	21.82	/	/	<=33	Pass
		Edge_1RB_Right	22.95	/	/	21.85	/	/	<=33	Pass
		Outer_Full	23.88	/	/	22.78	/	/	<=33	Pass
		Inner_Full	25.04	/	/	23.94	/	/	<=33	Pass
		Inner_1RB_Left	24.45	/	/	23.35	/	/	<=33	Pass
		Inner_1RB_Right	24.37	/	/	23.27	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	23.28	/	/	22.18	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	21.68	/	/	<=33	Pass
		Outer_Full	23.71	/	/	22.61	/	/	<=33	Pass
		Inner_Full	24.44	/	/	23.34	/	/	<=33	Pass
		Inner_1RB_Left	24.75	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Right	24.20	/	/	23.10	/	/	<=33	Pass
CP-OFDM 64 QAM	2541	Edge_1RB_Left	22.76	/	/	21.66	/	/	<=33	Pass
		Edge_1RB_Right	23.28	/	/	22.18	/	/	<=33	Pass
		Outer_Full	23.05	/	/	21.95	/	/	<=33	Pass
		Inner_Full	22.91	/	/	21.81	/	/	<=33	Pass
		Inner_1RB_Left	22.79	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Right	23.10	/	/	22.00	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.08	/	/	21.98	/	/	<=33	Pass
		Edge_1RB_Right	23.08	/	/	21.98	/	/	<=33	Pass
		Outer_Full	23.39	/	/	22.29	/	/	<=33	Pass
		Inner_Full	23.57	/	/	22.47	/	/	<=33	Pass
		Inner_1RB_Left	22.87	/	/	21.77	/	/	<=33	Pass
		Inner_1RB_Right	23.14	/	/	22.04	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	23.10	/	/	22.00	/	/	<=33	Pass
		Edge_1RB_Right	22.92	/	/	21.82	/	/	<=33	Pass
		Outer_Full	23.22	/	/	22.12	/	/	<=33	Pass
		Inner_Full	22.92	/	/	21.82	/	/	<=33	Pass
		Inner_1RB_Left	23.28	/	/	22.18	/	/	<=33	Pass
		Inner_1RB_Right	22.83	/	/	21.73	/	/	<=33	Pass
CP-OFDM 256 QAM	2541	Edge_1RB_Left	19.95	/	/	18.85	/	/	<=33	Pass
		Edge_1RB_Right	20.31	/	/	19.21	/	/	<=33	Pass
		Outer_Full	20.03	/	/	18.93	/	/	<=33	Pass
		Inner_Full	20.00	/	/	18.90	/	/	<=33	Pass
		Inner_1RB_Left	19.95	/	/	18.85	/	/	<=33	Pass
		Inner_1RB_Right	20.28	/	/	19.18	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.02	/	/	18.92	/	/	<=33	Pass

		Edge 1RB Right	20.17	/	/	19.07	/	/	<=33	Pass
		Outer_Full	20.51	/	/	19.41	/	/	<=33	Pass
		Inner_Full	20.56	/	/	19.46	/	/	<=33	Pass
		Inner_1RB_Left	20.10	/	/	19.00	/	/	<=33	Pass
		Inner_1RB_Right	20.19	/	/	19.09	/	/	<=33	Pass
	2644.98	Edge 1RB Left	20.40	/	/	19.30	/	/	<=33	Pass
		Edge_1RB_Right	20.02	/	/	18.92	/	/	<=33	Pass
		Outer_Full	20.31	/	/	19.21	/	/	<=33	Pass
		Inner_Full	20.14	/	/	19.04	/	/	<=33	Pass
		Inner_1RB_Left	20.31	/	/	19.21	/	/	<=33	Pass
		Inner_1RB_Right	20.00	/	/	18.90	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; Ant5: 0.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_100MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant5	Sum	Ant2	Ant5	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2546.01	Edge 1RB Left	22.90	/	/	21.80	/	/	<=33	Pass
		Edge 1RB Right	23.10	/	/	22.00	/	/	<=33	Pass
		Outer Full	25.53	/	/	24.43	/	/	<=33	Pass
		Inner Full	9.63	/	/	8.53	/	/	<=33	Pass
		Inner 1RB Left	26.52	/	/	25.42	/	/	<=33	Pass
		Inner 1RB Right	26.59	/	/	25.49	/	/	<=33	Pass
	2592.99	Edge 1RB Left	22.96	/	/	21.86	/	/	<=33	Pass
		Edge 1RB Right	23.13	/	/	22.03	/	/	<=33	Pass
		Outer Full	26.45	/	/	25.35	/	/	<=33	Pass
		Inner Full	27.09	/	/	25.99	/	/	<=33	Pass
		Inner 1RB Left	26.58	/	/	25.48	/	/	<=33	Pass
		Inner 1RB Right	26.63	/	/	25.53	/	/	<=33	Pass
	2640	Edge 1RB Left	23.50	/	/	22.40	/	/	<=33	Pass
		Edge 1RB Right	23.14	/	/	22.04	/	/	<=33	Pass
		Outer Full	26.36	/	/	25.26	/	/	<=33	Pass
		Inner Full	26.70	/	/	25.60	/	/	<=33	Pass
		Inner 1RB Left	27.16	/	/	26.06	/	/	<=33	Pass
		Inner 1RB Right	26.55	/	/	25.45	/	/	<=33	Pass
DFT-s-OFDM QPSK	2546.01	Edge 1RB Left	22.94	/	/	21.84	/	/	<=33	Pass
		Edge 1RB Right	23.12	/	/	22.02	/	/	<=33	Pass
		Outer Full	25.53	/	/	24.43	/	/	<=33	Pass
		Inner Full	26.47	/	/	25.37	/	/	<=33	Pass
		Inner 1RB Left	26.45	/	/	25.35	/	/	<=33	Pass
		Inner 1RB Right	26.60	/	/	25.50	/	/	<=33	Pass
	2592.99	Edge 1RB Left	23.06	/	/	21.96	/	/	<=33	Pass
		Edge 1RB Right	23.09	/	/	21.99	/	/	<=33	Pass
		Outer Full	25.93	/	/	24.83	/	/	<=33	Pass
		Inner Full	27.19	/	/	26.09	/	/	<=33	Pass
		Inner 1RB Left	26.50	/	/	25.40	/	/	<=33	Pass
		Inner 1RB Right	26.55	/	/	25.45	/	/	<=33	Pass
	2640	Edge 1RB Left	23.48	/	/	22.38	/	/	<=33	Pass
		Edge 1RB Right	23.08	/	/	21.98	/	/	<=33	Pass
		Outer Full	25.88	/	/	24.78	/	/	<=33	Pass
		Inner Full	26.67	/	/	25.57	/	/	<=33	Pass
		Inner 1RB Left	27.08	/	/	25.98	/	/	<=33	Pass
		Inner 1RB Right	26.60	/	/	25.50	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2546.01	Edge 1RB Left	22.83	/	/	21.73	/	/	<=33	Pass
		Edge 1RB Right	23.02	/	/	21.92	/	/	<=33	Pass
		Outer Full	24.55	/	/	23.45	/	/	<=33	Pass

		Inner_Full	25.38	/	/	24.28	/	/	<=33	Pass
		Inner_1RB_Left	25.31	/	/	24.21	/	/	<=33	Pass
		Inner_1RB_Right	25.45	/	/	24.35	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.14	/	/	22.04	/	/	<=33	Pass
		Edge_1RB_Right	23.05	/	/	21.95	/	/	<=33	Pass
		Outer_Full	24.90	/	/	23.80	/	/	<=33	Pass
		Inner_Full	26.10	/	/	25.00	/	/	<=33	Pass
		Inner_1RB_Left	25.39	/	/	24.29	/	/	<=33	Pass
		Inner_1RB_Right	25.46	/	/	24.36	/	/	<=33	Pass
		Edge_1RB_Left	23.41	/	/	22.31	/	/	<=33	Pass
	2640	Edge_1RB_Right	22.98	/	/	21.88	/	/	<=33	Pass
		Outer_Full	24.86	/	/	23.76	/	/	<=33	Pass
		Inner_Full	25.65	/	/	24.55	/	/	<=33	Pass
		Inner_1RB_Left	25.86	/	/	24.76	/	/	<=33	Pass
		Inner_1RB_Right	25.56	/	/	24.46	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2546.01	Edge_1RB_Left	22.89	/	/	21.79	/	/	<=33	Pass
		Edge_1RB_Right	23.09	/	/	21.99	/	/	<=33	Pass
		Outer_Full	23.99	/	/	22.89	/	/	<=33	Pass
		Inner_Full	23.91	/	/	22.81	/	/	<=33	Pass
		Inner_1RB_Left	23.97	/	/	22.87	/	/	<=33	Pass
		Inner_1RB_Right	24.15	/	/	23.05	/	/	<=33	Pass
		Edge_1RB_Left	23.16	/	/	22.06	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	23.09	/	/	21.99	/	/	<=33	Pass
		Outer_Full	24.44	/	/	23.34	/	/	<=33	Pass
		Inner_Full	24.59	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Left	23.99	/	/	22.89	/	/	<=33	Pass
		Inner_1RB_Right	24.03	/	/	22.93	/	/	<=33	Pass
	2640	Edge_1RB_Left	23.46	/	/	22.36	/	/	<=33	Pass
		Edge_1RB_Right	23.10	/	/	22.00	/	/	<=33	Pass
		Outer_Full	24.34	/	/	23.24	/	/	<=33	Pass
		Inner_Full	24.14	/	/	23.04	/	/	<=33	Pass
		Inner_1RB_Left	24.47	/	/	23.37	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2546.01	Inner_1RB_Right	24.01	/	/	22.91	/	/	<=33	Pass
		Edge_1RB_Left	22.15	/	/	21.05	/	/	<=33	Pass
		Edge_1RB_Right	22.19	/	/	21.09	/	/	<=33	Pass
		Outer_Full	22.02	/	/	20.92	/	/	<=33	Pass
		Inner_Full	21.86	/	/	20.76	/	/	<=33	Pass
		Inner_1RB_Left	22.11	/	/	21.01	/	/	<=33	Pass
		Inner_1RB_Right	22.18	/	/	21.08	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.23	/	/	21.13	/	/	<=33	Pass
		Edge_1RB_Right	22.33	/	/	21.23	/	/	<=33	Pass
		Outer_Full	22.50	/	/	21.40	/	/	<=33	Pass
		Inner_Full	22.63	/	/	21.53	/	/	<=33	Pass
		Inner_1RB_Left	22.20	/	/	21.10	/	/	<=33	Pass
	2640	Inner_1RB_Right	22.08	/	/	20.98	/	/	<=33	Pass
		Edge_1RB_Left	22.61	/	/	21.51	/	/	<=33	Pass
		Edge_1RB_Right	22.13	/	/	21.03	/	/	<=33	Pass
		Outer_Full	22.34	/	/	21.24	/	/	<=33	Pass
		Inner_Full	22.29	/	/	21.19	/	/	<=33	Pass
CP-OFDM QPSK	2546.01	Inner_1RB_Left	22.83	/	/	21.73	/	/	<=33	Pass
		Inner_1RB_Right	22.19	/	/	21.09	/	/	<=33	Pass
		Edge_1RB_Left	23.06	/	/	21.96	/	/	<=33	Pass
		Edge_1RB_Right	23.20	/	/	22.10	/	/	<=33	Pass
		Outer_Full	23.62	/	/	22.52	/	/	<=33	Pass
		Inner_Full	24.93	/	/	23.83	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	25.17	/	/	24.07	/	/	<=33	Pass
		Inner_1RB_Right	25.14	/	/	24.04	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.29	/	/	22.19	/	/	<=33	Pass
		Edge_1RB_Right	23.20	/	/	22.10	/	/	<=33	Pass

		Outer_Full	24.03	/	/	22.93	/	/	<=33	Pass
		Inner_Full	25.56	/	/	24.46	/	/	<=33	Pass
		Inner_1RB_Left	25.02	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Right	25.14	/	/	24.04	/	/	<=33	Pass
	2640	Edge_1RB_Left	23.69	/	/	22.59	/	/	<=33	Pass
		Edge_1RB_Right	23.08	/	/	21.98	/	/	<=33	Pass
		Outer_Full	23.86	/	/	22.76	/	/	<=33	Pass
		Inner_Full	25.19	/	/	24.09	/	/	<=33	Pass
		Inner_1RB_Left	25.57	/	/	24.47	/	/	<=33	Pass
		Inner_1RB_Right	25.20	/	/	24.10	/	/	<=33	Pass
CP-OFDM 16 QAM	2546.01	Edge_1RB_Left	22.90	/	/	21.80	/	/	<=33	Pass
		Edge_1RB_Right	23.07	/	/	21.97	/	/	<=33	Pass
		Outer_Full	23.59	/	/	22.49	/	/	<=33	Pass
		Inner_Full	24.42	/	/	23.32	/	/	<=33	Pass
		Inner_1RB_Left	24.39	/	/	23.29	/	/	<=33	Pass
		Inner_1RB_Right	24.64	/	/	23.54	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.23	/	/	22.13	/	/	<=33	Pass
		Edge_1RB_Right	23.13	/	/	22.03	/	/	<=33	Pass
		Outer_Full	23.92	/	/	22.82	/	/	<=33	Pass
		Inner_Full	25.11	/	/	24.01	/	/	<=33	Pass
		Inner_1RB_Left	24.64	/	/	23.54	/	/	<=33	Pass
		Inner_1RB_Right	24.48	/	/	23.38	/	/	<=33	Pass
	2640	Edge_1RB_Left	23.41	/	/	22.31	/	/	<=33	Pass
		Edge_1RB_Right	22.87	/	/	21.77	/	/	<=33	Pass
		Outer_Full	23.91	/	/	22.81	/	/	<=33	Pass
		Inner_Full	24.65	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Left	24.86	/	/	23.76	/	/	<=33	Pass
		Inner_1RB_Right	24.58	/	/	23.48	/	/	<=33	Pass
CP-OFDM 64 QAM	2546.01	Edge_1RB_Left	23.02	/	/	21.92	/	/	<=33	Pass
		Edge_1RB_Right	23.29	/	/	22.19	/	/	<=33	Pass
		Outer_Full	23.12	/	/	22.02	/	/	<=33	Pass
		Inner_Full	22.79	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Left	22.98	/	/	21.88	/	/	<=33	Pass
		Inner_1RB_Right	23.16	/	/	22.06	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.11	/	/	22.01	/	/	<=33	Pass
		Edge_1RB_Right	23.15	/	/	22.05	/	/	<=33	Pass
		Outer_Full	23.57	/	/	22.47	/	/	<=33	Pass
		Inner_Full	23.58	/	/	22.48	/	/	<=33	Pass
		Inner_1RB_Left	23.23	/	/	22.13	/	/	<=33	Pass
		Inner_1RB_Right	23.06	/	/	21.96	/	/	<=33	Pass
	2640	Edge_1RB_Left	23.36	/	/	22.26	/	/	<=33	Pass
		Edge_1RB_Right	22.96	/	/	21.86	/	/	<=33	Pass
		Outer_Full	23.41	/	/	22.31	/	/	<=33	Pass
		Inner_Full	23.22	/	/	22.12	/	/	<=33	Pass
		Inner_1RB_Left	23.53	/	/	22.43	/	/	<=33	Pass
		Inner_1RB_Right	23.00	/	/	21.90	/	/	<=33	Pass
CP-OFDM 256 QAM	2546.01	Edge_1RB_Left	19.95	/	/	18.85	/	/	<=33	Pass
		Edge_1RB_Right	20.25	/	/	19.15	/	/	<=33	Pass
		Outer_Full	20.10	/	/	19.00	/	/	<=33	Pass
		Inner_Full	19.98	/	/	18.88	/	/	<=33	Pass
		Inner_1RB_Left	20.25	/	/	19.15	/	/	<=33	Pass
		Inner_1RB_Right	20.24	/	/	19.14	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.27	/	/	19.17	/	/	<=33	Pass
		Edge_1RB_Right	20.23	/	/	19.13	/	/	<=33	Pass
		Outer_Full	20.60	/	/	19.50	/	/	<=33	Pass
		Inner_Full	20.60	/	/	19.50	/	/	<=33	Pass
		Inner_1RB_Left	20.30	/	/	19.20	/	/	<=33	Pass
		Inner_1RB_Right	20.26	/	/	19.16	/	/	<=33	Pass
	2640	Edge_1RB_Left	20.70	/	/	19.60	/	/	<=33	Pass

		Edge 1RB Right	20.14	/	/	19.04	/	/	<=33	Pass
		Outer Full	20.41	/	/	19.31	/	/	<=33	Pass
		Inner Full	20.29	/	/	19.19	/	/	<=33	Pass
		Inner 1RB Left	20.59	/	/	19.49	/	/	<=33	Pass
		Inner 1RB Right	20.13	/	/	19.03	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; Ant5: 0.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30k_MIMO_20MHz_NTNV_EIRP

5G NR n41 SCS=30kHz MIMO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant5	Sum	Ant2	Ant5	Sum	Limit	
CP-OFDM QPSK	2506.02	Edge 1RB Left	21.2	21.53	24.38	20.1	21.53	23.88	<=33	Pass
		Edge 1RB Right	21.07	21.15	24.12	19.97	21.15	23.61	<=33	Pass
		Outer Full	21.53	21.88	24.72	20.43	21.88	24.23	<=33	Pass
		Inner Full	22.94	23.29	26.13	21.84	23.29	25.64	<=33	Pass
		Inner 1RB Left	23.04	23.4	26.23	21.94	23.4	25.74	<=33	Pass
		Inner 1RB Right	22.94	23.24	26.1	21.84	23.24	25.61	<=33	Pass
	2592.99	Edge 1RB Left	20.58	20.4	23.5	19.48	20.4	22.97	<=33	Pass
		Edge 1RB Right	20.5	20.66	23.59	19.4	20.66	23.09	<=33	Pass
		Outer Full	21.21	20.92	24.08	20.11	20.92	23.54	<=33	Pass
		Inner Full	22.46	22.39	25.44	21.36	22.39	24.92	<=33	Pass
		Inner 1RB Left	22.61	22.54	25.59	21.51	22.54	25.07	<=33	Pass
		Inner 1RB Right	22.28	22.49	25.4	21.18	22.49	24.89	<=33	Pass
	2679.99	Edge 1RB Left	20.33	20.84	23.6	19.23	20.84	23.12	<=33	Pass
		Edge 1RB Right	20.46	21.05	23.78	19.36	21.05	23.3	<=33	Pass
		Outer Full	21.13	21.38	24.27	20.03	21.38	23.77	<=33	Pass
		Inner Full	22.15	22.94	25.57	21.05	22.94	25.11	<=33	Pass
		Inner 1RB Left	22.26	22.89	25.6	21.16	22.89	25.12	<=33	Pass
		Inner 1RB Right	22.7	23.01	25.87	21.6	23.01	25.37	<=33	Pass
CP-OFDM 16 QAM	2506.02	Edge 1RB Left	21.05	21.51	24.3	19.95	21.51	23.81	<=33	Pass
		Edge 1RB Right	21	21.23	24.13	19.9	21.23	23.63	<=33	Pass
		Outer Full	21.54	21.8	24.68	20.44	21.8	24.18	<=33	Pass
		Inner Full	22.61	22.89	25.76	21.51	22.89	25.26	<=33	Pass
		Inner 1RB Left	22.77	23.11	25.95	21.67	23.11	25.46	<=33	Pass
		Inner 1RB Right	22.59	23.05	25.84	21.49	23.05	25.35	<=33	Pass
	2592.99	Edge 1RB Left	20.41	20.01	23.22	19.31	20.01	22.68	<=33	Pass
		Edge 1RB Right	20.29	20.16	23.24	19.19	20.16	22.71	<=33	Pass
		Outer Full	20.91	20.43	23.69	19.81	20.43	23.14	<=33	Pass
		Inner Full	21.99	21.4	24.72	20.89	21.4	24.16	<=33	Pass
		Inner 1RB Left	22.01	21.4	24.73	20.91	21.4	24.17	<=33	Pass
		Inner 1RB Right	22.25	21.76	25.02	21.15	21.76	24.48	<=33	Pass
	2679.99	Edge 1RB Left	20.09	20.68	23.41	18.99	20.68	22.93	<=33	Pass
		Edge 1RB Right	20.48	20.96	23.74	19.38	20.96	23.25	<=33	Pass
		Outer Full	20.95	21.39	24.19	19.85	21.39	23.7	<=33	Pass
		Inner Full	21.71	22.52	25.14	20.61	22.52	24.68	<=33	Pass
		Inner 1RB Left	21.75	22.33	25.06	20.65	22.33	24.58	<=33	Pass
		Inner 1RB Right	21.85	22.81	25.37	20.75	22.81	24.91	<=33	Pass
CP-OFDM 64 QAM	2506.02	Edge 1RB Left	21.15	21.22	24.2	20.05	21.22	23.68	<=33	Pass
		Edge 1RB Right	20.94	21.22	24.09	19.84	21.22	23.59	<=33	Pass
		Outer Full	20.98	21.2	24.1	19.88	21.2	23.6	<=33	Pass
		Inner Full	21.04	21.21	24.14	19.94	21.21	23.63	<=33	Pass
		Inner 1RB Left	21.1	21.32	24.22	20	21.32	23.72	<=33	Pass
		Inner 1RB Right	20.98	20.94	23.97	19.88	20.94	23.45	<=33	Pass
	2592.99	Edge 1RB Left	20.35	19.66	23.03	19.25	19.66	22.47	<=33	Pass
		Edge 1RB Right	20.57	20.06	23.33	19.47	20.06	22.79	<=33	Pass
		Outer Full	20.51	20.05	23.3	19.41	20.05	22.75	<=33	Pass

		Inner_Full	20.52	20.01	23.28	19.42	20.01	22.74	<=33	Pass	
		Inner_1RB_Left	20.32	19.66	23.01	19.22	19.66	22.46	<=33	Pass	
		Inner_1RB_Right	20.77	20.14	23.48	19.67	20.14	22.92	<=33	Pass	
	2679.99	Edge_1RB_Left	20.19	20.45	23.33	19.09	20.45	22.83	<=33	Pass	
		Edge_1RB_Right	20.27	20.92	23.62	19.17	20.92	23.14	<=33	Pass	
		Outer_Full	20.18	20.97	23.6	19.08	20.97	23.14	<=33	Pass	
		Inner_Full	19.84	20.96	23.45	18.74	20.96	23	<=33	Pass	
		Inner_1RB_Left	20.34	20.62	23.49	19.24	20.62	22.99	<=33	Pass	
		Inner_1RB_Right	20.59	20.95	23.78	19.49	20.95	23.29	<=33	Pass	
CP-OFDM 256 QAM	2506.02	Edge_1RB_Left	18.08	18.2	21.15	16.98	18.2	20.64	<=33	Pass	
		Edge_1RB_Right	18.11	18.21	21.17	17.01	18.21	20.66	<=33	Pass	
		Outer_Full	18.02	18.35	21.2	16.92	18.35	20.7	<=33	Pass	
		Inner_Full	18.07	18.37	21.23	16.97	18.37	20.74	<=33	Pass	
		Inner_1RB_Left	18.09	18.6	21.36	16.99	18.6	20.88	<=33	Pass	
		Inner_1RB_Right	18.06	18.22	21.15	16.96	18.22	20.65	<=33	Pass	
	2592.99	Edge_1RB_Left	17.43	16.66	20.07	16.33	16.66	19.51	<=33	Pass	
		Edge_1RB_Right	17.82	16.92	20.4	16.72	16.92	19.83	<=33	Pass	
		Outer_Full	17.66	17.04	20.37	16.56	17.04	19.82	<=33	Pass	
		Inner_Full	17.4	17.09	20.26	16.3	17.09	19.72	<=33	Pass	
		Inner_1RB_Left	17.65	16.63	20.18	16.55	16.63	19.6	<=33	Pass	
		Inner_1RB_Right	17.79	17.04	20.44	16.69	17.04	19.88	<=33	Pass	
	2679.99	Edge_1RB_Left	17.56	17.64	20.61	16.46	17.64	20.1	<=33	Pass	
		Edge_1RB_Right	17.55	17.99	20.79	16.45	17.99	20.3	<=33	Pass	
		Outer_Full	17.57	18.02	20.81	16.47	18.02	20.32	<=33	Pass	
		Inner_Full	17.56	18.12	20.86	16.46	18.12	20.38	<=33	Pass	
		Inner_1RB_Left	17.43	17.59	20.52	16.33	17.59	20.02	<=33	Pass	
		Inner_1RB_Right	17.62	18.08	20.87	16.52	18.08	20.38	<=33	Pass	
	Note1: Antenna Gain: Ant2: -1.10dBi; Ant5: 0.00dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.11 30k_MIMO_30MHz_NTNV_EIRP

5G NR n41 SCS=30kHz MIMO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant5	Sum	Ant2	Ant5	Sum	Limit	
CP-OFDM QPSK	2511	Edge_1RB_Left	21.23	21.48	24.37	20.13	21.48	23.87	<=33	Pass
		Edge_1RB_Right	21.18	21.26	24.23	20.08	21.26	23.72	<=33	Pass
		Outer_Full	21.47	21.91	24.71	20.37	21.91	24.22	<=33	Pass
		Inner_Full	23.1	23.38	26.25	22	23.38	25.75	<=33	Pass
		Inner_1RB_Left	23.07	23.29	26.19	21.97	23.29	25.69	<=33	Pass
		Inner_1RB_Right	23.4	23.04	26.23	22.3	23.04	25.7	<=33	Pass
	2592.99	Edge_1RB_Left	20.58	20.4	23.5	19.48	20.4	22.97	<=33	Pass
		Edge_1RB_Right	20.59	20.62	23.62	19.49	20.62	23.1	<=33	Pass
		Outer_Full	21.3	21.11	24.22	20.2	21.11	23.69	<=33	Pass
		Inner_Full	22.67	22.44	25.57	21.57	22.44	25.04	<=33	Pass
		Inner_1RB_Left	22.31	22.35	25.34	21.21	22.35	24.83	<=33	Pass
		Inner_1RB_Right	22.65	22.51	25.59	21.55	22.51	25.07	<=33	Pass
	2674.98	Edge_1RB_Left	20.42	20.45	23.45	19.32	20.45	22.93	<=33	Pass
		Edge_1RB_Right	20.68	21.24	23.98	19.58	21.24	23.5	<=33	Pass
		Outer_Full	21.79	21.45	24.63	20.69	21.45	24.1	<=33	Pass
		Inner_Full	22.3	22.94	25.64	21.2	22.94	25.17	<=33	Pass
		Inner_1RB_Left	22.39	22.3	25.36	21.29	22.3	24.83	<=33	Pass
		Inner_1RB_Right	22.67	23.04	25.87	21.57	23.04	25.38	<=33	Pass
CP-OFDM 16 QAM	2511	Edge_1RB_Left	21.01	21.86	24.47	19.91	21.86	24	<=33	Pass
		Edge_1RB_Right	21.02	21.15	24.1	19.92	21.15	23.59	<=33	Pass
		Outer_Full	21.57	21.85	24.72	20.47	21.85	24.22	<=33	Pass
		Inner_Full	22.52	22.92	25.73	21.42	22.92	25.24	<=33	Pass

		Inner_1RB_Left	22.62	23.29	25.98	21.52	23.29	25.5	<=33	Pass
		Inner_1RB_Right	22.68	22.73	25.72	21.58	22.73	25.2	<=33	Pass
	2592.99	Edge_1RB_Left	20.35	19.86	23.12	19.25	19.86	22.58	<=33	Pass
		Edge_1RB_Right	20.83	20.05	23.47	19.73	20.05	22.9	<=33	Pass
		Outer_Full	20.99	20.55	23.79	19.89	20.55	23.24	<=33	Pass
		Inner_Full	21.89	21.59	24.75	20.79	21.59	24.22	<=33	Pass
		Inner_1RB_Left	21.95	21.27	24.63	20.85	21.27	24.08	<=33	Pass
		Inner_1RB_Right	21.99	21.58	24.8	20.89	21.58	24.26	<=33	Pass
	2674.98	Edge_1RB_Left	20.27	20.52	23.41	19.17	20.52	22.91	<=33	Pass
		Edge_1RB_Right	20.47	21.11	23.81	19.37	21.11	23.34	<=33	Pass
		Outer_Full	20.99	21.44	24.23	19.89	21.44	23.74	<=33	Pass
		Inner_Full	21.78	22.39	25.11	20.68	22.39	24.63	<=33	Pass
		Inner_1RB_Left	21.85	22.07	24.97	20.75	22.07	24.47	<=33	Pass
		Inner_1RB_Right	21.85	22.69	25.3	20.75	22.69	24.84	<=33	Pass
CP-OFDM 64 QAM	2511	Edge_1RB_Left	21.01	21.4	24.22	19.91	21.4	23.73	<=33	Pass
		Edge_1RB_Right	21.15	21.04	24.11	20.05	21.04	23.58	<=33	Pass
		Outer_Full	21.05	21.35	24.21	19.95	21.35	23.72	<=33	Pass
		Inner_Full	21.1	21.24	24.18	20	21.24	23.67	<=33	Pass
		Inner_1RB_Left	21.09	21.42	24.27	19.99	21.42	23.77	<=33	Pass
		Inner_1RB_Right	21.1	21.21	24.17	20	21.21	23.66	<=33	Pass
	2592.99	Edge_1RB_Left	20.34	19.52	22.96	19.24	19.52	22.39	<=33	Pass
		Edge_1RB_Right	20.63	19.97	23.32	19.53	19.97	22.77	<=33	Pass
		Outer_Full	20.47	19.87	23.19	19.37	19.87	22.64	<=33	Pass
		Inner_Full	20.63	19.88	23.28	19.53	19.88	22.72	<=33	Pass
		Inner_1RB_Left	20.31	19.49	22.93	19.21	19.49	22.36	<=33	Pass
		Inner_1RB_Right	20.61	19.96	23.31	19.51	19.96	22.75	<=33	Pass
	2674.98	Edge_1RB_Left	20.22	20.53	23.39	19.12	20.53	22.89	<=33	Pass
		Edge_1RB_Right	20.68	21.07	23.89	19.58	21.07	23.4	<=33	Pass
		Outer_Full	20.35	21.01	23.7	19.25	21.01	23.23	<=33	Pass
		Inner_Full	20.25	20.95	23.62	19.15	20.95	23.15	<=33	Pass
		Inner_1RB_Left	20.41	20.51	23.47	19.31	20.51	22.96	<=33	Pass
		Inner_1RB_Right	20.61	21.13	23.89	19.51	21.13	23.41	<=33	Pass
CP-OFDM 256 QAM	2511	Edge_1RB_Left	17.96	18.44	21.22	16.86	18.44	20.73	<=33	Pass
		Edge_1RB_Right	18.2	18.16	21.19	17.1	18.16	20.67	<=33	Pass
		Outer_Full	18.09	18.36	21.24	16.99	18.36	20.74	<=33	Pass
		Inner_Full	18.04	18.58	21.33	16.94	18.58	20.85	<=33	Pass
		Inner_1RB_Left	18.11	18.51	21.32	17.01	18.51	20.83	<=33	Pass
		Inner_1RB_Right	18.19	18.2	21.21	17.09	18.2	20.69	<=33	Pass
	2592.99	Edge_1RB_Left	17.58	16.53	20.1	16.48	16.53	19.52	<=33	Pass
		Edge_1RB_Right	17.81	16.97	20.42	16.71	16.97	19.85	<=33	Pass
		Outer_Full	17.69	16.85	20.3	16.59	16.85	19.73	<=33	Pass
		Inner_Full	17.47	17	20.25	16.37	17	19.71	<=33	Pass
		Inner_1RB_Left	17.5	16.65	20.11	16.4	16.65	19.54	<=33	Pass
		Inner_1RB_Right	17.88	16.88	20.42	16.78	16.88	19.84	<=33	Pass
	2674.98	Edge_1RB_Left	17.72	17.48	20.61	16.62	17.48	20.08	<=33	Pass
		Edge_1RB_Right	17.82	18.09	20.97	16.72	18.09	20.47	<=33	Pass
Outer_Full		17.67	17.9	20.8	16.57	17.9	20.3	<=33	Pass	
Inner_Full		17.39	18	20.72	16.29	18	20.24	<=33	Pass	
Inner_1RB_Left		17.64	17.42	20.54	16.54	17.42	20.01	<=33	Pass	
Inner_1RB_Right		17.67	18.23	20.97	16.57	18.23	20.49	<=33	Pass	
Note1: Antenna Gain: Ant2: -1.10dBi; Ant5: 0.00dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.12 30k_MIMO_40MHz_NTNV_EIRP

5G NR n41 SCS=30kHz MIMO 40MHz NTN					
Modulation	Frequency	RB	Conducted Power(dBm)	EIRP(dBm)	Verdict

	(MHz)	Allocation	Ant2	Ant5	Sum	Ant2	Ant5	Sum	Limit	
CP-OFDM QPSK	2516.01	Edge 1RB Left	21.17	21.69	24.45	20.07	21.69	23.97	<=33	Pass
		Edge 1RB Right	20.99	20.67	23.84	19.89	20.67	23.31	<=33	Pass
		Outer Full	21.53	21.76	24.66	20.43	21.76	24.16	<=33	Pass
		Inner Full	22.9	23.26	26.09	21.8	23.26	25.6	<=33	Pass
		Inner 1RB Left	23.1	23.45	26.29	22	23.45	25.8	<=33	Pass
		Inner 1RB Right	22.82	22.79	25.82	21.72	22.79	25.3	<=33	Pass
	2592.99	Edge 1RB Left	20.48	20.21	23.36	19.38	20.21	22.83	<=33	Pass
		Edge 1RB Right	20.64	20.43	23.55	19.54	20.43	23.02	<=33	Pass
		Outer Full	21.24	20.99	24.13	20.14	20.99	23.6	<=33	Pass
		Inner Full	22.56	22.37	25.48	21.46	22.37	24.95	<=33	Pass
		Inner 1RB Left	22.62	22.72	25.68	21.52	22.72	25.17	<=33	Pass
		Inner 1RB Right	23	22.63	25.83	21.9	22.63	25.29	<=33	Pass
	2670	Edge 1RB Left	20.54	20.38	23.47	19.44	20.38	22.95	<=33	Pass
		Edge 1RB Right	20.6	21.09	23.86	19.5	21.09	23.38	<=33	Pass
		Outer Full	21.18	21.34	24.27	20.08	21.34	23.77	<=33	Pass
		Inner Full	21.93	22.9	25.45	20.83	22.9	25	<=33	Pass
		Inner 1RB Left	22.65	22.56	25.62	21.55	22.56	25.09	<=33	Pass
		Inner 1RB Right	22.54	22.87	25.72	21.44	22.87	25.22	<=33	Pass
CP-OFDM 16 QAM	2516.01	Edge 1RB Left	20.87	21.5	24.21	19.77	21.5	23.73	<=33	Pass
		Edge 1RB Right	21.07	20.75	23.92	19.97	20.75	23.39	<=33	Pass
		Outer Full	21.39	21.6	24.51	20.29	21.6	24	<=33	Pass
		Inner Full	22.55	22.77	25.67	21.45	22.77	25.17	<=33	Pass
		Inner 1RB Left	22.79	23.16	25.99	21.69	23.16	25.5	<=33	Pass
		Inner 1RB Right	22.73	22.39	25.57	21.63	22.39	25.04	<=33	Pass
	2592.99	Edge 1RB Left	20.35	20.14	23.26	19.25	20.14	22.73	<=33	Pass
		Edge 1RB Right	20.55	20.03	23.31	19.45	20.03	22.76	<=33	Pass
		Outer Full	21.04	20.45	23.77	19.94	20.45	23.21	<=33	Pass
		Inner Full	22.17	21.48	24.85	21.07	21.48	24.29	<=33	Pass
		Inner 1RB Left	21.86	21.33	24.61	20.76	21.33	24.06	<=33	Pass
		Inner 1RB Right	22.26	21.53	24.92	21.16	21.53	24.36	<=33	Pass
	2670	Edge 1RB Left	20.36	20.48	23.43	19.26	20.48	22.92	<=33	Pass
		Edge 1RB Right	20.42	21.05	23.76	19.32	21.05	23.28	<=33	Pass
		Outer Full	20.74	21.33	24.06	19.64	21.33	23.58	<=33	Pass
		Inner Full	21.51	22.31	24.94	20.41	22.31	24.47	<=33	Pass
		Inner 1RB Left	22.01	22.01	25.02	20.91	22.01	24.51	<=33	Pass
		Inner 1RB Right	22.42	22.76	25.6	21.32	22.76	25.11	<=33	Pass
CP-OFDM 64 QAM	2516.01	Edge 1RB Left	20.97	21.66	24.34	19.87	21.66	23.87	<=33	Pass
		Edge 1RB Right	20.79	20.83	23.82	19.69	20.83	23.31	<=33	Pass
		Outer Full	21.02	21.09	24.07	19.92	21.09	23.55	<=33	Pass
		Inner Full	21.09	21.35	24.23	19.99	21.35	23.73	<=33	Pass
		Inner 1RB Left	20.9	21.6	24.27	19.8	21.6	23.8	<=33	Pass
		Inner 1RB Right	20.87	20.74	23.82	19.77	20.74	23.29	<=33	Pass
	2592.99	Edge 1RB Left	20.24	19.83	23.05	19.14	19.83	22.51	<=33	Pass
		Edge 1RB Right	20.68	19.98	23.35	19.58	19.98	22.79	<=33	Pass
		Outer Full	20.33	19.84	23.1	19.23	19.84	22.56	<=33	Pass
		Inner Full	20.54	19.89	23.24	19.44	19.89	22.68	<=33	Pass
		Inner 1RB Left	20.45	19.65	23.08	19.35	19.65	22.51	<=33	Pass
		Inner 1RB Right	20.68	19.99	23.36	19.58	19.99	22.8	<=33	Pass
	2670	Edge 1RB Left	20.48	20.12	23.31	19.38	20.12	22.78	<=33	Pass
		Edge 1RB Right	20.41	20.94	23.69	19.31	20.94	23.21	<=33	Pass
		Outer Full	20.26	20.91	23.61	19.16	20.91	23.13	<=33	Pass
		Inner Full	20.31	20.67	23.5	19.21	20.67	23.01	<=33	Pass
		Inner 1RB Left	20.41	20.11	23.27	19.31	20.11	22.74	<=33	Pass
		Inner 1RB Right	20.56	20.93	23.76	19.46	20.93	23.27	<=33	Pass
CP-OFDM 256 QAM	2516.01	Edge 1RB Left	18.22	18.61	21.43	17.12	18.61	20.94	<=33	Pass
		Edge 1RB Right	18.14	17.62	20.9	17.04	17.62	20.35	<=33	Pass
		Outer Full	18	18.33	21.18	16.9	18.33	20.68	<=33	Pass
		Inner Full	17.95	18.19	21.08	16.85	18.19	20.58	<=33	Pass

		Inner 1RB Left	18.23	18.4	21.33	17.13	18.4	20.82	<=33	Pass
		Inner 1RB Right	18.21	17.78	21.01	17.11	17.78	20.47	<=33	Pass
	2592.99	Edge 1RB Left	17.49	16.68	20.11	16.39	16.68	19.55	<=33	Pass
		Edge 1RB Right	17.95	16.69	20.38	16.85	16.69	19.78	<=33	Pass
		Outer Full	17.6	16.93	20.29	16.5	16.93	19.73	<=33	Pass
		Inner Full	17.53	17.05	20.31	16.43	17.05	19.76	<=33	Pass
		Inner 1RB Left	17.39	16.6	20.02	16.29	16.6	19.46	<=33	Pass
		Inner 1RB Right	17.81	16.78	20.34	16.71	16.78	19.76	<=33	Pass
	2670	Edge 1RB Left	17.62	17.45	20.55	16.52	17.45	20.02	<=33	Pass
		Edge 1RB Right	17.67	18.06	20.88	16.57	18.06	20.39	<=33	Pass
		Outer Full	17.53	17.82	20.69	16.43	17.82	20.19	<=33	Pass
		Inner Full	17.41	17.78	20.61	16.31	17.78	20.12	<=33	Pass
		Inner 1RB Left	17.64	17.29	20.48	16.54	17.29	19.94	<=33	Pass
		Inner 1RB Right	17.85	18.13	21	16.75	18.13	20.5	<=33	Pass

Note1: Antenna Gain: Ant2: -1.10dBi; Ant5: 0.00dBi;
Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2

1.1.13 30k_MIMO_50MHz_NTNV_EIRP

5G NR n41 SCS=30kHz MIMO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant5	Sum	Ant2	Ant5	Sum	Limit	
CP-OFDM QPSK	2521.02	Edge 1RB Left	21.05	21.54	24.31	19.95	21.54	23.83	<=33	Pass
		Edge 1RB Right	20.81	20.64	23.74	19.71	20.64	23.21	<=33	Pass
		Outer Full	21.57	21.36	24.48	20.47	21.36	23.95	<=33	Pass
		Inner Full	22.96	22.9	25.94	21.86	22.9	25.42	<=33	Pass
		Inner 1RB Left	22.94	23.38	26.18	21.84	23.38	25.69	<=33	Pass
		Inner 1RB Right	22.87	22.63	25.76	21.77	22.63	25.23	<=33	Pass
	2592.99	Edge 1RB Left	20.03	20.32	23.19	18.93	20.32	22.69	<=33	Pass
		Edge 1RB Right	20.5	20.27	23.4	19.4	20.27	22.87	<=33	Pass
		Outer Full	21.19	20.81	24.01	20.09	20.81	23.48	<=33	Pass
		Inner Full	22.37	22.46	25.43	21.27	22.46	24.92	<=33	Pass
		Inner 1RB Left	22.19	22.3	25.26	21.09	22.3	24.75	<=33	Pass
		Inner 1RB Right	22.49	22.3	25.41	21.39	22.3	24.88	<=33	Pass
	2664.99	Edge 1RB Left	20.6	20.21	23.42	19.5	20.21	22.88	<=33	Pass
		Edge 1RB Right	20.52	21.18	23.87	19.42	21.18	23.4	<=33	Pass
		Outer Full	21.41	21.25	24.34	20.31	21.25	23.82	<=33	Pass
		Inner Full	22.53	22.46	25.51	21.43	22.46	24.99	<=33	Pass
		Inner 1RB Left	22.67	22.27	25.48	21.57	22.27	24.94	<=33	Pass
		Inner 1RB Right	22.7	23.22	25.98	21.6	23.22	25.5	<=33	Pass
CP-OFDM 16 QAM	2521.02	Edge 1RB Left	21.01	21.44	24.24	19.91	21.44	23.75	<=33	Pass
		Edge 1RB Right	20.89	20.53	23.72	19.79	20.53	23.19	<=33	Pass
		Outer Full	21.41	21.54	24.49	20.31	21.54	23.98	<=33	Pass
		Inner Full	22.44	22.48	25.47	21.34	22.48	24.96	<=33	Pass
		Inner 1RB Left	22.56	23.02	25.81	21.46	23.02	25.32	<=33	Pass
		Inner 1RB Right	22.32	22.25	25.3	21.22	22.25	24.78	<=33	Pass
	2592.99	Edge 1RB Left	19.99	20.06	23.04	18.89	20.06	22.52	<=33	Pass
		Edge 1RB Right	20.67	19.71	23.23	19.57	19.71	22.65	<=33	Pass
		Outer Full	20.81	20.48	23.66	19.71	20.48	23.12	<=33	Pass
		Inner Full	21.74	21.39	24.58	20.64	21.39	24.04	<=33	Pass
		Inner 1RB Left	21.59	21.46	24.54	20.49	21.46	24.01	<=33	Pass
		Inner 1RB Right	21.92	21.25	24.61	20.82	21.25	24.05	<=33	Pass
	2664.99	Edge 1RB Left	20.56	20.42	23.5	19.46	20.42	22.98	<=33	Pass
		Edge 1RB Right	20.5	21.24	23.9	19.4	21.24	23.43	<=33	Pass
		Outer Full	20.93	21.12	24.04	19.83	21.12	23.53	<=33	Pass
		Inner Full	22.06	22.03	25.06	20.96	22.03	24.54	<=33	Pass
		Inner 1RB Left	21.89	21.87	24.89	20.79	21.87	24.37	<=33	Pass

CP-OFDM 64 QAM	2521.02	Inner 1RB Right	22.06	22.75	25.43	20.96	22.75	24.96	<=33	Pass
		Edge 1RB Left	20.63	21.46	24.08	19.53	21.46	23.61	<=33	Pass
		Edge 1RB Right	20.88	20.57	23.74	19.78	20.57	23.2	<=33	Pass
		Outer Full	20.89	20.9	23.91	19.79	20.9	23.39	<=33	Pass
		Inner Full	21.06	21.04	24.06	19.96	21.04	23.54	<=33	Pass
		Inner 1RB Left	20.66	21.55	24.14	19.56	21.55	23.68	<=33	Pass
	2592.99	Inner 1RB Right	20.65	20.64	23.66	19.55	20.64	23.14	<=33	Pass
		Edge 1RB Left	20	19.71	22.87	18.9	19.71	22.33	<=33	Pass
		Edge 1RB Right	20.44	19.69	23.09	19.34	19.69	22.53	<=33	Pass
		Outer Full	20.27	20	23.15	19.17	20	22.62	<=33	Pass
		Inner Full	20.26	19.84	23.07	19.16	19.84	22.52	<=33	Pass
		Inner 1RB Left	19.89	19.6	22.76	18.79	19.6	22.22	<=33	Pass
	2664.99	Inner 1RB Right	20.57	19.57	23.11	19.47	19.57	22.53	<=33	Pass
		Edge 1RB Left	20.52	20.19	23.37	19.42	20.19	22.83	<=33	Pass
		Edge 1RB Right	20.57	20.93	23.76	19.47	20.93	23.27	<=33	Pass
		Outer Full	20.32	20.64	23.49	19.22	20.64	23	<=33	Pass
		Inner Full	20.37	20.57	23.48	19.27	20.57	22.98	<=33	Pass
		Inner 1RB Left	20.49	20.15	23.33	19.39	20.15	22.8	<=33	Pass
CP-OFDM 256 QAM	2521.02	Inner 1RB Right	20.49	20.95	23.74	19.39	20.95	23.25	<=33	Pass
		Edge 1RB Left	17.97	18.69	21.36	16.87	18.69	20.88	<=33	Pass
		Edge 1RB Right	17.82	17.75	20.8	16.72	17.75	20.28	<=33	Pass
		Outer Full	18.05	18.14	21.11	16.95	18.14	20.6	<=33	Pass
		Inner Full	17.92	18.06	21	16.82	18.06	20.49	<=33	Pass
		Inner 1RB Left	17.89	18.59	21.26	16.79	18.59	20.79	<=33	Pass
	2592.99	Inner 1RB Right	17.76	17.86	20.82	16.66	17.86	20.31	<=33	Pass
		Edge 1RB Left	17.38	16.59	20.01	16.28	16.59	19.45	<=33	Pass
		Edge 1RB Right	17.66	16.65	20.19	16.56	16.65	19.62	<=33	Pass
		Outer Full	17.49	16.77	20.16	16.39	16.77	19.59	<=33	Pass
		Inner Full	17.51	17	20.27	16.41	17	19.73	<=33	Pass
		Inner 1RB Left	17.35	16.58	19.99	16.25	16.58	19.43	<=33	Pass
	2664.99	Inner 1RB Right	17.68	16.52	20.15	16.58	16.52	19.56	<=33	Pass
		Edge 1RB Left	17.75	17.31	20.55	16.65	17.31	20	<=33	Pass
		Edge 1RB Right	17.73	17.97	20.86	16.63	17.97	20.36	<=33	Pass
		Outer Full	17.52	17.71	20.63	16.42	17.71	20.12	<=33	Pass
		Inner Full	17.45	17.7	20.59	16.35	17.7	20.09	<=33	Pass
		Inner 1RB Left	17.57	17.09	20.35	16.47	17.09	19.8	<=33	Pass
		Inner 1RB Right	17.72	18	20.87	16.62	18	20.37	<=33	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; Ant5: 0.00dBi;										
Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.14 30k_MIMO_60MHz_NTNV_EIRP

5G NR n41 SCS=30kHz MIMO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant5	Sum	Ant2	Ant5	Sum	Limit	
CP-OFDM QPSK	2526	Edge 1RB Left	21	21.46	24.25	19.9	21.46	23.76	<=33	Pass
		Edge 1RB Right	20.94	21.56	24.27	19.84	21.56	23.79	<=33	Pass
		Outer Full	20.59	20.36	23.49	19.49	20.36	22.96	<=33	Pass
		Inner Full	21.42	21.4	24.42	20.32	21.4	23.9	<=33	Pass
		Inner 1RB Left	22.93	22.78	25.87	21.83	22.78	25.34	<=33	Pass
		Inner 1RB Right	22.72	23.33	26.05	21.62	23.33	25.57	<=33	Pass
	2592.99	Edge 1RB Left	22.43	22.57	25.51	21.33	22.57	25	<=33	Pass
		Edge 1RB Right	20.51	20.54	23.54	19.41	20.54	23.02	<=33	Pass
		Outer Full	20.76	20.34	23.57	19.66	20.34	23.02	<=33	Pass
		Inner Full	21.13	20.89	24.02	20.03	20.89	23.49	<=33	Pass
		Inner 1RB Left	22.52	22.46	25.5	21.42	22.46	24.98	<=33	Pass
		Inner 1RB Right	22.24	22.35	25.31	21.14	22.35	24.8	<=33	Pass

	2659.98	Edge 1RB Left	22.66	22.29	25.49	21.56	22.29	24.95	<=33	Pass
		Edge 1RB Right	20.55	20.01	23.3	19.45	20.01	22.75	<=33	Pass
		Outer Full	20.52	21.05	23.8	19.42	21.05	23.32	<=33	Pass
		Inner Full	21.32	21.07	24.21	20.22	21.07	23.68	<=33	Pass
		Inner 1RB Left	22.28	22.39	25.35	21.18	22.39	24.84	<=33	Pass
		Inner 1RB Right	22.59	22.04	25.33	21.49	22.04	24.78	<=33	Pass
CP-OFDM 16 QAM	2526	Edge 1RB Left	22.23	22.88	25.58	21.13	22.88	25.1	<=33	Pass
		Edge 1RB Right	20.8	21.29	24.06	19.7	21.29	23.58	<=33	Pass
		Outer Full	20.71	20.34	23.54	19.61	20.34	23	<=33	Pass
		Inner Full	21.29	21.3	24.31	20.19	21.3	23.79	<=33	Pass
		Inner 1RB Left	22.32	22.31	25.33	21.22	22.31	24.81	<=33	Pass
		Inner 1RB Right	22.54	22.87	25.72	21.44	22.87	25.22	<=33	Pass
	2592.99	Edge 1RB Left	22.4	21.74	25.09	21.3	21.74	24.54	<=33	Pass
		Edge 1RB Right	20.17	19.93	23.06	19.07	19.93	22.53	<=33	Pass
		Outer Full	20.26	19.91	23.1	19.16	19.91	22.56	<=33	Pass
		Inner Full	20.97	20.32	23.67	19.87	20.32	23.11	<=33	Pass
		Inner 1RB Left	21.86	21.35	24.62	20.76	21.35	24.08	<=33	Pass
		Inner 1RB Right	21.51	21.56	24.55	20.41	21.56	24.03	<=33	Pass
	2659.98	Edge 1RB Left	21.88	21.31	24.61	20.78	21.31	24.06	<=33	Pass
		Edge 1RB Right	20.43	19.97	23.22	19.33	19.97	22.67	<=33	Pass
		Outer Full	20.43	21.13	23.8	19.33	21.13	23.33	<=33	Pass
		Inner Full	20.81	21.01	23.92	19.71	21.01	23.42	<=33	Pass
		Inner 1RB Left	21.73	21.85	24.8	20.63	21.85	24.29	<=33	Pass
		Inner 1RB Right	22	21.36	24.7	20.9	21.36	24.15	<=33	Pass
CP-OFDM 64 QAM	2526	Edge 1RB Left	22.02	22.7	25.38	20.92	22.7	24.91	<=33	Pass
		Edge 1RB Right	20.73	21.16	23.96	19.63	21.16	23.47	<=33	Pass
		Outer Full	20.53	20.26	23.41	19.43	20.26	22.88	<=33	Pass
		Inner Full	20.84	20.74	23.8	19.74	20.74	23.28	<=33	Pass
		Inner 1RB Left	20.92	20.77	23.86	19.82	20.77	23.33	<=33	Pass
		Inner 1RB Right	20.65	21.4	24.05	19.55	21.4	23.58	<=33	Pass
	2592.99	Edge 1RB Left	20.64	20.52	23.59	19.54	20.52	23.07	<=33	Pass
		Edge 1RB Right	20	19.78	22.9	18.9	19.78	22.37	<=33	Pass
		Outer Full	20.5	19.7	23.13	19.4	19.7	22.56	<=33	Pass
		Inner Full	20.3	19.93	23.13	19.2	19.93	22.59	<=33	Pass
		Inner 1RB Left	20.6	19.83	23.24	19.5	19.83	22.68	<=33	Pass
		Inner 1RB Right	20.14	19.77	22.97	19.04	19.77	22.43	<=33	Pass
	2659.98	Edge 1RB Left	20.43	19.62	23.05	19.33	19.62	22.49	<=33	Pass
		Edge 1RB Right	20.31	19.84	23.09	19.21	19.84	22.55	<=33	Pass
		Outer Full	20.5	20.78	23.65	19.4	20.78	23.15	<=33	Pass
		Inner Full	20.39	20.55	23.48	19.29	20.55	22.98	<=33	Pass
		Inner 1RB Left	20.5	20.26	23.39	19.4	20.26	22.86	<=33	Pass
		Inner 1RB Right	20.37	19.86	23.13	19.27	19.86	22.59	<=33	Pass
CP-OFDM 256 QAM	2526	Edge 1RB Left	20.49	20.89	23.7	19.39	20.89	23.21	<=33	Pass
		Edge 1RB Right	17.84	18.63	21.26	16.74	18.63	20.8	<=33	Pass
		Outer Full	17.63	17.56	20.61	16.53	17.56	20.09	<=33	Pass
		Inner Full	17.86	17.82	20.85	16.76	17.82	20.33	<=33	Pass
		Inner 1RB Left	17.88	17.77	20.84	16.78	17.77	20.31	<=33	Pass
		Inner 1RB Right	17.98	18.45	21.23	16.88	18.45	20.75	<=33	Pass
	2592.99	Edge 1RB Left	17.54	17.71	20.64	16.44	17.71	20.13	<=33	Pass
		Edge 1RB Right	17.33	16.79	20.08	16.23	16.79	19.53	<=33	Pass
		Outer Full	17.8	16.53	20.22	16.7	16.53	19.63	<=33	Pass
		Inner Full	17.58	16.71	20.18	16.48	16.71	19.61	<=33	Pass
		Inner 1RB Left	17.57	16.84	20.23	16.47	16.84	19.67	<=33	Pass
		Inner 1RB Right	17.22	16.75	20	16.12	16.75	19.46	<=33	Pass
	2659.98	Edge 1RB Left	17.7	16.65	20.22	16.6	16.65	19.64	<=33	Pass
		Edge 1RB Right	17.86	16.9	20.42	16.76	16.9	19.84	<=33	Pass
		Outer Full	17.65	17.79	20.73	16.55	17.79	20.22	<=33	Pass
		Inner Full	17.73	17.53	20.64	16.63	17.53	20.11	<=33	Pass
		Inner 1RB Left	17.57	17.45	20.52	16.47	17.45	20	<=33	Pass

		Inner 1RB Right	17.54	16.86	20.22	16.44	16.86	19.67	<=33	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; Ant5: 0.00dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.15 30k_MIMO_70MHz_NTNV_EIRP

5G NR n41 SCS=30kHz MIMO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant5	Sum	Ant2	Ant5	Sum	Limit	
CP-OFDM QPSK	2531.01	Edge 1RB Left	20.68	21.4	24.07	19.58	21.4	23.59	<=33	Pass
		Edge 1RB Right	20.45	20	23.24	19.35	20	22.7	<=33	Pass
		Outer Full	21.13	21.21	24.18	20.03	21.21	23.67	<=33	Pass
		Inner Full	22.82	22.55	25.7	21.72	22.55	25.17	<=33	Pass
		Inner 1RB Left	22.87	23.34	26.12	21.77	23.34	25.64	<=33	Pass
		Inner 1RB Right	22.47	22.41	25.45	21.37	22.41	24.93	<=33	Pass
	2592.99	Edge 1RB Left	20.1	20.41	23.27	19	20.41	22.77	<=33	Pass
		Edge 1RB Right	20.53	20.24	23.4	19.43	20.24	22.86	<=33	Pass
		Outer Full	20.93	20.8	23.88	19.83	20.8	23.35	<=33	Pass
		Inner Full	22.19	22.32	25.27	21.09	22.32	24.76	<=33	Pass
		Inner 1RB Left	22.15	22.42	25.3	21.05	22.42	24.8	<=33	Pass
		Inner 1RB Right	22.32	22.14	25.24	21.22	22.14	24.71	<=33	Pass
	2655	Edge 1RB Left	20.41	19.3	22.9	19.31	19.3	22.32	<=33	Pass
		Edge 1RB Right	20.15	20.76	23.48	19.05	20.76	23	<=33	Pass
		Outer Full	21.02	20.57	23.81	19.92	20.57	23.27	<=33	Pass
		Inner Full	22.05	22.03	25.05	20.95	22.03	24.53	<=33	Pass
		Inner 1RB Left	22.2	22.28	25.25	21.1	22.28	24.74	<=33	Pass
		Inner 1RB Right	22.03	22.63	25.35	20.93	22.63	24.87	<=33	Pass
CP-OFDM 16 QAM	2531.01	Edge 1RB Left	20.61	21.19	23.92	19.51	21.19	23.44	<=33	Pass
		Edge 1RB Right	20.8	19.95	23.41	19.7	19.95	22.84	<=33	Pass
		Outer Full	21.15	21.12	24.15	20.05	21.12	23.63	<=33	Pass
		Inner Full	22.21	22.15	25.19	21.11	22.15	24.67	<=33	Pass
		Inner 1RB Left	22.17	22.91	25.57	21.07	22.91	25.1	<=33	Pass
		Inner 1RB Right	21.92	21.39	24.67	20.82	21.39	24.12	<=33	Pass
	2592.99	Edge 1RB Left	19.65	19.86	22.77	18.55	19.86	22.26	<=33	Pass
		Edge 1RB Right	20.35	19.69	23.04	19.25	19.69	22.49	<=33	Pass
		Outer Full	20.71	20.18	23.46	19.61	20.18	22.91	<=33	Pass
		Inner Full	21.73	21.26	24.51	20.63	21.26	23.97	<=33	Pass
		Inner 1RB Left	21.34	21.5	24.43	20.24	21.5	23.93	<=33	Pass
		Inner 1RB Right	21.72	21.23	24.49	20.62	21.23	23.95	<=33	Pass
	2655	Edge 1RB Left	20.31	19.55	22.96	19.21	19.55	22.39	<=33	Pass
		Edge 1RB Right	20.25	20.64	23.46	19.15	20.64	22.97	<=33	Pass
		Outer Full	20.59	20.69	23.65	19.49	20.69	23.14	<=33	Pass
		Inner Full	21.41	21.68	24.56	20.31	21.68	24.06	<=33	Pass
		Inner 1RB Left	21.93	20.91	24.46	20.83	20.91	23.88	<=33	Pass
		Inner 1RB Right	21.38	22.43	24.95	20.28	22.43	24.5	<=33	Pass
CP-OFDM 64 QAM	2531.01	Edge 1RB Left	20.51	21.29	23.93	19.41	21.29	23.46	<=33	Pass
		Edge 1RB Right	20.41	19.87	23.16	19.31	19.87	22.61	<=33	Pass
		Outer Full	20.65	20.73	23.7	19.55	20.73	23.19	<=33	Pass
		Inner Full	20.87	20.72	23.81	19.77	20.72	23.28	<=33	Pass
		Inner 1RB Left	20.4	21.28	23.87	19.3	21.28	23.41	<=33	Pass
		Inner 1RB Right	20.43	19.85	23.16	19.33	19.85	22.61	<=33	Pass
	2592.99	Edge 1RB Left	19.78	19.8	22.8	18.68	19.8	22.29	<=33	Pass
		Edge 1RB Right	20.19	19.59	22.91	19.09	19.59	22.36	<=33	Pass
		Outer Full	20.02	19.77	22.91	18.92	19.77	22.38	<=33	Pass
		Inner Full	20.29	19.72	23.02	19.19	19.72	22.47	<=33	Pass
		Inner 1RB Left	19.78	19.9	22.85	18.68	19.9	22.34	<=33	Pass
		Inner 1RB Right	20.18	19.48	22.85	19.08	19.48	22.29	<=33	Pass

	2655	Edge_1RB_Left	20.02	19.37	22.72	18.92	19.37	22.16	<=33	Pass
		Edge_1RB_Right	19.93	20.53	23.25	18.83	20.53	22.77	<=33	Pass
		Outer_Full	20.03	20.26	23.16	18.93	20.26	22.66	<=33	Pass
		Inner_Full	20.17	20.13	23.16	19.07	20.13	22.64	<=33	Pass
		Inner_1RB_Left	20.26	19.42	22.87	19.16	19.42	22.3	<=33	Pass
		Inner_1RB_Right	20.01	20.6	23.33	18.91	20.6	22.85	<=33	Pass
CP-OFDM 256 QAM	2531.01	Edge_1RB_Left	17.6	18.58	21.13	16.5	18.58	20.67	<=33	Pass
		Edge_1RB_Right	17.42	17.13	20.29	16.32	17.13	19.75	<=33	Pass
		Outer_Full	17.86	17.72	20.8	16.76	17.72	20.28	<=33	Pass
		Inner_Full	17.72	17.86	20.8	16.62	17.86	20.29	<=33	Pass
		Inner_1RB_Left	17.7	18.55	21.16	16.6	18.55	20.69	<=33	Pass
		Inner_1RB_Right	17.43	17.15	20.3	16.33	17.15	19.77	<=33	Pass
	2592.99	Edge_1RB_Left	16.95	16.95	19.96	15.85	16.95	19.45	<=33	Pass
		Edge_1RB_Right	17.48	16.44	20	16.38	16.44	19.42	<=33	Pass
		Outer_Full	17.24	16.72	20	16.14	16.72	19.45	<=33	Pass
		Inner_Full	17.34	16.72	20.05	16.24	16.72	19.5	<=33	Pass
		Inner_1RB_Left	17.15	16.86	20.02	16.05	16.86	19.48	<=33	Pass
		Inner_1RB_Right	17.45	16.38	19.96	16.35	16.38	19.38	<=33	Pass
	2655	Edge_1RB_Left	17.37	16.4	19.92	16.27	16.4	19.35	<=33	Pass
		Edge_1RB_Right	17.27	17.53	20.41	16.17	17.53	19.91	<=33	Pass
		Outer_Full	17.29	17.13	20.22	16.19	17.13	19.7	<=33	Pass
		Inner_Full	17.32	17.01	20.18	16.22	17.01	19.64	<=33	Pass
		Inner_1RB_Left	17.42	16.5	19.99	16.32	16.5	19.42	<=33	Pass
		Inner_1RB_Right	17.17	17.46	20.33	16.07	17.46	19.83	<=33	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; Ant5: 0.00dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.16 30k_MIMO_80MHz_NTNV_EIRP

5G NR n41 SCS=30kHz MIMO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant5	Sum	Ant2	Ant5	Sum	Limit	
CP-OFDM QPSK	2536.02	Edge 1RB Left	20.65	21.13	23.91	19.55	21.13	23.42	<=33	Pass
		Edge 1RB Right	20.59	19.57	23.12	19.49	19.57	22.54	<=33	Pass
		Outer Full	21.18	21.08	24.14	20.08	21.08	23.62	<=33	Pass
		Inner Full	22.59	22.51	25.56	21.49	22.51	25.04	<=33	Pass
		Inner 1RB Left	22.76	23.52	26.17	21.66	23.52	25.7	<=33	Pass
		Inner 1RB Right	22.51	22.1	25.32	21.41	22.1	24.78	<=33	Pass
	2592.99	Edge 1RB Left	20.14	20.51	23.34	19.04	20.51	22.85	<=33	Pass
		Edge 1RB Right	20.48	20.47	23.49	19.38	20.47	22.97	<=33	Pass
		Outer Full	20.81	20.74	23.79	19.71	20.74	23.27	<=33	Pass
		Inner Full	22.37	22.3	25.35	21.27	22.3	24.83	<=33	Pass
		Inner 1RB Left	22.21	22.53	25.38	21.11	22.53	24.89	<=33	Pass
		Inner 1RB Right	22.37	22.21	25.3	21.27	22.21	24.78	<=33	Pass
	2649.99	Edge 1RB Left	20.19	19.67	22.95	19.09	19.67	22.4	<=33	Pass
		Edge 1RB Right	20.25	20.71	23.5	19.15	20.71	23.01	<=33	Pass
		Outer Full	20.96	20.6	23.79	19.86	20.6	23.26	<=33	Pass
		Inner Full	22.26	22.17	25.23	21.16	22.17	24.7	<=33	Pass
		Inner 1RB Left	22.36	22.16	25.27	21.26	22.16	24.74	<=33	Pass
		Inner 1RB Right	22.19	22.72	25.47	21.09	22.72	24.99	<=33	Pass
CP-OFDM 16 QAM	2536.02	Edge 1RB Left	20.69	21.29	24.01	19.59	21.29	23.53	<=33	Pass
		Edge 1RB Right	20.78	19.45	23.18	19.68	19.45	22.58	<=33	Pass
		Outer Full	21.26	20.9	24.09	20.16	20.9	23.56	<=33	Pass
		Inner Full	22.1	21.95	25.04	21	21.95	24.51	<=33	Pass
		Inner 1RB Left	22.36	22.75	25.57	21.26	22.75	25.08	<=33	Pass
		Inner 1RB Right	22.31	21.05	24.74	21.21	21.05	24.14	<=33	Pass
	2592.99	Edge 1RB Left	19.6	20.23	22.94	18.5	20.23	22.46	<=33	Pass

		Edge 1RB Right	20.13	19.88	23.02	19.03	19.88	22.49	<=33	Pass
		Outer Full	20.61	20.21	23.42	19.51	20.21	22.88	<=33	Pass
		Inner Full	21.61	21.16	24.4	20.51	21.16	23.86	<=33	Pass
		Inner 1RB Left	21.36	21.83	24.61	20.26	21.83	24.13	<=33	Pass
		Inner 1RB Right	21.75	21.37	24.57	20.65	21.37	24.04	<=33	Pass
	2649.99	Edge 1RB Left	20.1	19.53	22.83	19	19.53	22.28	<=33	Pass
		Edge 1RB Right	19.92	20.94	23.47	18.82	20.94	23.02	<=33	Pass
		Outer Full	20.66	20.73	23.71	19.56	20.73	23.19	<=33	Pass
		Inner Full	21.64	21.54	24.6	20.54	21.54	24.08	<=33	Pass
		Inner 1RB Left	21.54	21.26	24.41	20.44	21.26	23.88	<=33	Pass
		Inner 1RB Right	21.68	22.34	25.03	20.58	22.34	24.56	<=33	Pass
		CP-OFDM 64 QAM	2536.02	Edge 1RB Left	20.47	21.19	23.86	19.37	21.19	23.38
Edge 1RB Right	20.73			19.44	23.14	19.63	19.44	22.55	<=33	Pass
Outer Full	20.62			20.46	23.55	19.52	20.46	23.03	<=33	Pass
Inner Full	20.61			20.53	23.58	19.51	20.53	23.06	<=33	Pass
Inner 1RB Left	20.6			21.29	23.97	19.5	21.29	23.5	<=33	Pass
Inner 1RB Right	20.64			19.32	23.04	19.54	19.32	22.44	<=33	Pass
2592.99	Edge 1RB Left		19.72	19.85	22.8	18.62	19.85	22.29	<=33	Pass
	Edge 1RB Right		20.21	19.65	22.95	19.11	19.65	22.4	<=33	Pass
	Outer Full		20.09	19.76	22.94	18.99	19.76	22.4	<=33	Pass
	Inner Full		20.29	19.8	23.06	19.19	19.8	22.52	<=33	Pass
	Inner 1RB Left		19.72	19.94	22.84	18.62	19.94	22.34	<=33	Pass
	Inner 1RB Right		20.27	19.72	23.01	19.17	19.72	22.46	<=33	Pass
2649.99	Edge 1RB Left		20.07	19.46	22.79	18.97	19.46	22.23	<=33	Pass
	Edge 1RB Right		20.07	20.71	23.41	18.97	20.71	22.94	<=33	Pass
	Outer Full		20.2	20.15	23.19	19.1	20.15	22.67	<=33	Pass
	Inner Full		20.17	20.09	23.14	19.07	20.09	22.62	<=33	Pass
	Inner 1RB Left		20.17	19.49	22.85	19.07	19.49	22.3	<=33	Pass
	Inner 1RB Right		19.97	20.53	23.27	18.87	20.53	22.79	<=33	Pass
CP-OFDM 256 QAM	2536.02	Edge 1RB Left	17.67	18.5	21.12	16.57	18.5	20.65	<=33	Pass
		Edge 1RB Right	17.59	16.5	20.09	16.49	16.5	19.51	<=33	Pass
		Outer Full	17.68	17.46	20.58	16.58	17.46	20.05	<=33	Pass
		Inner Full	17.59	17.51	20.56	16.49	17.51	20.04	<=33	Pass
		Inner 1RB Left	17.68	18.48	21.11	16.58	18.48	20.64	<=33	Pass
		Inner 1RB Right	17.61	16.66	20.17	16.51	16.66	19.6	<=33	Pass
	2592.99	Edge 1RB Left	17.04	16.83	19.95	15.94	16.83	19.42	<=33	Pass
		Edge 1RB Right	17.62	16.77	20.23	16.52	16.77	19.66	<=33	Pass
		Outer Full	17.41	16.59	20.03	16.31	16.59	19.46	<=33	Pass
		Inner Full	17.3	16.69	20.02	16.2	16.69	19.46	<=33	Pass
		Inner 1RB Left	16.91	16.75	19.84	15.81	16.75	19.32	<=33	Pass
		Inner 1RB Right	17.4	16.74	20.09	16.3	16.74	19.54	<=33	Pass
	2649.99	Edge 1RB Left	17.41	16.48	19.98	16.31	16.48	19.41	<=33	Pass
		Edge 1RB Right	17.43	17.54	20.5	16.33	17.54	19.99	<=33	Pass
		Outer Full	17.42	17.21	20.33	16.32	17.21	19.8	<=33	Pass
Inner Full		17.28	17.17	20.24	16.18	17.17	19.71	<=33	Pass	
Inner 1RB Left		17.45	16.29	19.92	16.35	16.29	19.33	<=33	Pass	
Inner 1RB Right		17.3	17.83	20.58	16.2	17.83	20.1	<=33	Pass	
Note1: Antenna Gain: Ant2: -1.10dBi; Ant5: 0.00dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.17 30k_MIMO_90MHz_NTNV_EIRP

5G NR n41 SCS=30kHz MIMO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant5	Sum	Ant2	Ant5	Sum	Limit	
CP-OFDM QPSK	2541	Edge 1RB Left	20.61	21.23	23.94	19.51	21.23	23.46	<=33	Pass
		Edge 1RB Right	20.58	21.09	23.85	19.48	21.09	23.37	<=33	Pass

		Outer Full	20.91	19.72	23.37	19.81	19.72	22.78	<=33	Pass
		Inner Full	21.27	20.82	24.06	20.17	20.82	23.52	<=33	Pass
		Inner 1RB Left	22.72	22.51	25.63	21.62	22.51	25.1	<=33	Pass
		Inner 1RB Right	22.76	23.39	26.1	21.66	23.39	25.62	<=33	Pass
	2592.99	Edge 1RB Left	22.83	22.25	25.56	21.73	22.25	25.01	<=33	Pass
		Edge 1RB Right	20.1	20.82	23.49	19	20.82	23.01	<=33	Pass
		Outer Full	20.36	20.69	23.54	19.26	20.69	23.04	<=33	Pass
		Inner Full	20.76	20.82	23.8	19.66	20.82	23.29	<=33	Pass
		Inner 1RB Left	22.31	22.82	25.58	21.21	22.82	25.1	<=33	Pass
		Inner 1RB Right	22.11	22.63	25.39	21.01	22.63	24.91	<=33	Pass
	2644.98	Edge 1RB Left	22.44	22.57	25.52	21.34	22.57	25.01	<=33	Pass
		Edge 1RB Right	20.23	19.98	23.12	19.13	19.98	22.59	<=33	Pass
		Outer Full	20.18	20.85	23.54	19.08	20.85	23.06	<=33	Pass
		Inner Full	21.03	20.59	23.83	19.93	20.59	23.28	<=33	Pass
		Inner 1RB Left	22.13	22.08	25.12	21.03	22.08	24.6	<=33	Pass
		Inner 1RB Right	22.34	22.2	25.28	21.24	22.2	24.76	<=33	Pass
CP-OFDM 16 QAM	2541	Edge 1RB Left	22.38	22.77	25.59	21.28	22.77	25.1	<=33	Pass
		Edge 1RB Right	20.78	21.19	24	19.68	21.19	23.51	<=33	Pass
		Outer Full	21.03	19.52	23.35	19.93	19.52	22.74	<=33	Pass
		Inner Full	21.19	20.86	24.04	20.09	20.86	23.5	<=33	Pass
		Inner 1RB Left	22.08	21.87	24.99	20.98	21.87	24.46	<=33	Pass
		Inner 1RB Right	22.25	22.74	25.51	21.15	22.74	25.03	<=33	Pass
	2592.99	Edge 1RB Left	22.5	20.87	24.77	21.4	20.87	24.15	<=33	Pass
		Edge 1RB Right	19.75	20.26	23.02	18.65	20.26	22.54	<=33	Pass
		Outer Full	20.19	20.28	23.25	19.09	20.28	22.74	<=33	Pass
		Inner Full	20.57	20.33	23.46	19.47	20.33	22.93	<=33	Pass
		Inner 1RB Left	21.64	21.06	24.37	20.54	21.06	23.82	<=33	Pass
		Inner 1RB Right	21.2	21.61	24.42	20.1	21.61	23.93	<=33	Pass
	2644.98	Edge 1RB Left	21.82	21.71	24.78	20.72	21.71	24.25	<=33	Pass
		Edge 1RB Right	20.19	19.69	22.96	19.09	19.69	22.41	<=33	Pass
		Outer Full	20.28	20.75	23.53	19.18	20.75	23.05	<=33	Pass
		Inner Full	20.59	20.73	23.67	19.49	20.73	23.16	<=33	Pass
		Inner 1RB Left	21.69	21.72	24.72	20.59	21.72	24.2	<=33	Pass
		Inner 1RB Right	21.45	21.34	24.41	20.35	21.34	23.88	<=33	Pass
CP-OFDM 64 QAM	2541	Edge 1RB Left	21.74	22.38	25.08	20.64	22.38	24.61	<=33	Pass
		Edge 1RB Right	20.72	21.17	23.96	19.62	21.17	23.47	<=33	Pass
		Outer Full	20.91	19.42	23.24	19.81	19.42	22.63	<=33	Pass
		Inner Full	20.7	20.34	23.53	19.6	20.34	23	<=33	Pass
		Inner 1RB Left	20.62	20.4	23.52	19.52	20.4	22.99	<=33	Pass
		Inner 1RB Right	20.72	21.39	24.08	19.62	21.39	23.6	<=33	Pass
	2592.99	Edge 1RB Left	21.04	19.63	23.4	19.94	19.63	22.8	<=33	Pass
		Edge 1RB Right	19.81	19.99	22.91	18.71	19.99	22.41	<=33	Pass
		Outer Full	20.2	19.96	23.09	19.1	19.96	22.56	<=33	Pass
		Inner Full	19.89	19.94	22.93	18.79	19.94	22.41	<=33	Pass
		Inner 1RB Left	20.11	19.77	22.95	19.01	19.77	22.42	<=33	Pass
		Inner 1RB Right	19.81	19.96	22.9	18.71	19.96	22.39	<=33	Pass
	2644.98	Edge 1RB Left	20.27	20.13	23.21	19.17	20.13	22.69	<=33	Pass
		Edge 1RB Right	20.12	19.8	22.97	19.02	19.8	22.44	<=33	Pass
		Outer Full	20.24	20.83	23.56	19.14	20.83	23.08	<=33	Pass
		Inner Full	20.14	20.28	23.22	19.04	20.28	22.71	<=33	Pass
		Inner 1RB Left	20.08	20.26	23.18	18.98	20.26	22.68	<=33	Pass
		Inner 1RB Right	19.94	19.86	22.91	18.84	19.86	22.39	<=33	Pass
CP-OFDM 256 QAM	2541	Edge 1RB Left	20.29	20.93	23.63	19.19	20.93	23.16	<=33	Pass
		Edge 1RB Right	17.66	18.39	21.05	16.56	18.39	20.58	<=33	Pass
		Outer Full	17.82	16.87	20.38	16.72	16.87	19.81	<=33	Pass
		Inner Full	17.93	17.55	20.75	16.83	17.55	20.22	<=33	Pass
		Inner 1RB Left	17.77	17.44	20.62	16.67	17.44	20.08	<=33	Pass
		Inner 1RB Right	17.73	18.35	21.06	16.63	18.35	20.58	<=33	Pass
	2592.99	Edge 1RB Left	17.8	16.79	20.33	16.7	16.79	19.76	<=33	Pass

		Edge_1RB_Right	16.93	16.95	19.95	15.83	16.95	19.44	<=33	Pass
		Outer_Full	17.37	17.05	20.22	16.27	17.05	19.69	<=33	Pass
		Inner_Full	17.27	16.77	20.04	16.17	16.77	19.49	<=33	Pass
		Inner_1RB_Left	17.23	16.66	19.96	16.13	16.66	19.41	<=33	Pass
		Inner_1RB_Right	16.97	16.82	19.91	15.87	16.82	19.38	<=33	Pass
	2644.98	Edge_1RB_Left	17.5	17.07	20.3	16.4	17.07	19.76	<=33	Pass
		Edge_1RB_Right	17.16	16.81	20	16.06	16.81	19.46	<=33	Pass
		Outer_Full	17.41	18	20.73	16.31	18	20.25	<=33	Pass
		Inner_Full	17.44	17.31	20.39	16.34	17.31	19.86	<=33	Pass
		Inner_1RB_Left	17.16	17.19	20.19	16.06	17.19	19.67	<=33	Pass
		Inner_1RB_Right	17.1	16.78	19.95	16	16.78	19.42	<=33	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; Ant5: 0.00dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.18 30k_MIMO_100MHz_NTNV_EIRP

5G NR n41 SCS=30kHz MIMO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant5	Sum	Ant2	Ant5	Sum	Limit	
CP-OFDM QPSK	2546.01	Edge 1RB Left	20.63	21.36	24.02	19.53	21.36	23.55	<=33	Pass
		Edge 1RB Right	21.06	19.57	23.39	19.96	19.57	22.78	<=33	Pass
		Outer Full	21.28	20.76	24.04	20.18	20.76	23.49	<=33	Pass
		Inner Full	22.71	22.17	25.46	21.61	22.17	24.91	<=33	Pass
		Inner 1RB Left	22.91	22.68	25.81	21.81	22.68	25.28	<=33	Pass
		Inner 1RB Right	23.02	22.38	25.72	21.92	22.38	25.17	<=33	Pass
	2592.99	Edge 1RB Left	20.23	20.47	23.36	19.13	20.47	22.86	<=33	Pass
		Edge 1RB Right	20.66	20.71	23.7	19.56	20.71	23.18	<=33	Pass
		Outer Full	20.77	20.85	23.82	19.67	20.85	23.31	<=33	Pass
		Inner Full	22.22	22.78	25.52	21.12	22.78	25.04	<=33	Pass
		Inner 1RB Left	22.11	22.7	25.43	21.01	22.7	24.95	<=33	Pass
		Inner 1RB Right	22.44	22.62	25.54	21.34	22.62	25.04	<=33	Pass
	2640	Edge 1RB Left	20.37	19.8	23.1	19.27	19.8	22.55	<=33	Pass
		Edge 1RB Right	20.2	20.83	23.54	19.1	20.83	23.06	<=33	Pass
		Outer Full	21.02	20.74	23.89	19.92	20.74	23.36	<=33	Pass
		Inner Full	22.16	22.34	25.26	21.06	22.34	24.76	<=33	Pass
		Inner 1RB Left	22.17	22.28	25.24	21.07	22.28	24.73	<=33	Pass
		Inner 1RB Right	22.3	22.84	25.59	21.2	22.84	25.11	<=33	Pass
CP-OFDM 16 QAM	2546.01	Edge 1RB Left	20.9	21.17	24.05	19.8	21.17	23.55	<=33	Pass
		Edge 1RB Right	20.9	19.74	23.37	19.8	19.74	22.78	<=33	Pass
		Outer Full	21.31	20.83	24.09	20.21	20.83	23.54	<=33	Pass
		Inner Full	22.14	21.65	24.91	21.04	21.65	24.37	<=33	Pass
		Inner 1RB Left	22.47	22.72	25.61	21.37	22.72	25.11	<=33	Pass
		Inner 1RB Right	22.45	21.02	24.8	21.35	21.02	24.2	<=33	Pass
	2592.99	Edge 1RB Left	19.94	20.24	23.1	18.84	20.24	22.61	<=33	Pass
		Edge 1RB Right	20.16	20.38	23.28	19.06	20.38	22.78	<=33	Pass
		Outer Full	20.75	20.44	23.61	19.65	20.44	23.07	<=33	Pass
		Inner Full	21.62	21.25	24.45	20.52	21.25	23.91	<=33	Pass
		Inner 1RB Left	21.58	21.6	24.6	20.48	21.6	24.09	<=33	Pass
		Inner 1RB Right	21.81	21.61	24.72	20.71	21.61	24.19	<=33	Pass
	2640	Edge 1RB Left	20.36	19.68	23.04	19.26	19.68	22.49	<=33	Pass
		Edge 1RB Right	20.35	20.91	23.65	19.25	20.91	23.17	<=33	Pass
		Outer Full	20.5	20.68	23.6	19.4	20.68	23.1	<=33	Pass
		Inner Full	21.72	21.5	24.62	20.62	21.5	24.09	<=33	Pass
		Inner 1RB Left	21.53	21.06	24.31	20.43	21.06	23.77	<=33	Pass
		Inner 1RB Right	21.89	22.36	25.14	20.79	22.36	24.66	<=33	Pass
CP-OFDM 64 QAM	2546.01	Edge 1RB Left	20.53	21.31	23.95	19.43	21.31	23.48	<=33	Pass
		Edge 1RB Right	20.82	19.75	23.33	19.72	19.75	22.75	<=33	Pass

		Outer_Full	20.72	20.33	23.54	19.62	20.33	23	<=33	Pass
		Inner_Full	20.7	20.26	23.5	19.6	20.26	22.95	<=33	Pass
		Inner_1RB_Left	20.57	21.22	23.92	19.47	21.22	23.44	<=33	Pass
		Inner_1RB_Right	20.78	19.69	23.28	19.68	19.69	22.7	<=33	Pass
	2592.99	Edge_1RB_Left	19.97	19.99	22.99	18.87	19.99	22.48	<=33	Pass
		Edge_1RB_Right	20.29	19.94	23.13	19.19	19.94	22.59	<=33	Pass
		Outer_Full	20.2	19.77	23	19.1	19.77	22.46	<=33	Pass
		Inner_Full	20.21	19.8	23.02	19.11	19.8	22.48	<=33	Pass
		Inner_1RB_Left	19.76	19.91	22.85	18.66	19.91	22.34	<=33	Pass
		Inner_1RB_Right	20.19	19.96	23.09	19.09	19.96	22.56	<=33	Pass
		Edge_1RB_Left	19.99	19.65	22.83	18.89	19.65	22.3	<=33	Pass
		Edge_1RB_Right	19.82	20.73	23.31	18.72	20.73	22.85	<=33	Pass
	2640	Outer_Full	20.08	20.15	23.13	18.98	20.15	22.61	<=33	Pass
		Inner_Full	20.21	19.97	23.1	19.11	19.97	22.57	<=33	Pass
		Inner_1RB_Left	19.93	19.64	22.8	18.83	19.64	22.26	<=33	Pass
		Inner_1RB_Right	20.02	20.79	23.43	18.92	20.79	22.97	<=33	Pass
CP-OFDM 256 QAM	2546.01	Edge_1RB_Left	17.79	18.56	21.2	16.69	18.56	20.74	<=33	Pass
		Edge_1RB_Right	18.02	16.76	20.45	16.92	16.76	19.85	<=33	Pass
		Outer_Full	17.73	17.28	20.52	16.63	17.28	19.98	<=33	Pass
		Inner_Full	17.83	17.29	20.58	16.73	17.29	20.03	<=33	Pass
		Inner_1RB_Left	17.78	18.67	21.26	16.68	18.67	20.8	<=33	Pass
		Inner_1RB_Right	18.01	16.8	20.46	16.91	16.8	19.87	<=33	Pass
	2592.99	Edge_1RB_Left	17.14	16.81	19.99	16.04	16.81	19.45	<=33	Pass
		Edge_1RB_Right	17.38	17.12	20.26	16.28	17.12	19.73	<=33	Pass
		Outer_Full	17.38	16.9	20.16	16.28	16.9	19.61	<=33	Pass
		Inner_Full	17.29	16.6	19.97	16.19	16.6	19.41	<=33	Pass
		Inner_1RB_Left	17.03	16.79	19.92	15.93	16.79	19.39	<=33	Pass
		Inner_1RB_Right	17.59	16.91	20.27	16.49	16.91	19.72	<=33	Pass
	2640	Edge_1RB_Left	17.27	16.73	20.02	16.17	16.73	19.47	<=33	Pass
		Edge_1RB_Right	17.12	17.86	20.52	16.02	17.86	20.05	<=33	Pass
		Outer_Full	17.39	17.01	20.21	16.29	17.01	19.68	<=33	Pass
		Inner_Full	17.13	16.94	20.05	16.03	16.94	19.52	<=33	Pass
		Inner_1RB_Left	17.14	16.69	19.93	16.04	16.69	19.39	<=33	Pass
		Inner_1RB_Right	17.26	17.93	20.62	16.16	17.93	20.14	<=33	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; Ant5: 0.00dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_100MHz

5G NR n41 SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	20	LV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
				HV	8.00	0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-16.80	-0.0065	>=-2.5 & <=2.5	Pass
			-10	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	6.40	0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-12.40	-0.0048	>=-2.5 & <=2.5	Pass

			40	NV	-14.20	-0.0055	>=-2.5 & <=2.5	Pass
			50	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-15.20	-0.0059	>=-2.5 & <=2.5	Pass
			-30	NV	-15.70	-0.0061	>=-2.5 & <=2.5	Pass
			-20	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-13.20	-0.0051	>=-2.5 & <=2.5	Pass
			0	NV	-12.70	-0.0049	>=-2.5 & <=2.5	Pass
			10	NV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-14.40	-0.0056	>=-2.5 & <=2.5	Pass
			30	NV	-11.30	-0.0044	>=-2.5 & <=2.5	Pass
			40	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-9.00	-0.0035	>=-2.5 & <=2.5	Pass
			DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-7.10
HV	-13.30	-0.0051					>=-2.5 & <=2.5	Pass
-30	NV	-4.10				-0.0016	>=-2.5 & <=2.5	Pass
-20	NV	-4.70				-0.0018	>=-2.5 & <=2.5	Pass
-10	NV	-13.40				-0.0052	>=-2.5 & <=2.5	Pass
0	NV	-17.60				-0.0068	>=-2.5 & <=2.5	Pass
10	NV	-5.50				-0.0021	>=-2.5 & <=2.5	Pass
20	NV	-16.10				-0.0062	>=-2.5 & <=2.5	Pass
30	NV	-11.00				-0.0042	>=-2.5 & <=2.5	Pass
40	NV	3.10				0.0012	>=-2.5 & <=2.5	Pass
50	NV	-13.90				-0.0054	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full				20	LV	7.10
			HV	-10.00	-0.0039		>=-2.5 & <=2.5	Pass
			-30	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-13.20	-0.0051	>=-2.5 & <=2.5	Pass
			-10	NV	-17.60	-0.0068	>=-2.5 & <=2.5	Pass
			0	NV	-15.90	-0.0061	>=-2.5 & <=2.5	Pass
			10	NV	-12.50	-0.0048	>=-2.5 & <=2.5	Pass
			20	NV	6.20	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	7.90	0.0030	>=-2.5 & <=2.5	Pass
			DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-11.70
HV	-11.80	-0.0046					>=-2.5 & <=2.5	Pass
-30	NV	-8.40				-0.0032	>=-2.5 & <=2.5	Pass
-20	NV	-7.20				-0.0028	>=-2.5 & <=2.5	Pass
-10	NV	-7.70				-0.0030	>=-2.5 & <=2.5	Pass
0	NV	-10.50				-0.0040	>=-2.5 & <=2.5	Pass
10	NV	-8.90				-0.0034	>=-2.5 & <=2.5	Pass
20	NV	-12.90				-0.0050	>=-2.5 & <=2.5	Pass
30	NV	-11.00				-0.0042	>=-2.5 & <=2.5	Pass
40	NV	-18.40				-0.0071	>=-2.5 & <=2.5	Pass
50	NV	-10.30				-0.0040	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full				20	LV	-21.10
			HV	5.00	0.0019		>=-2.5 & <=2.5	Pass
			-30	NV	-10.90	-0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	-15.10	-0.0058	>=-2.5 & <=2.5	Pass
			-10	NV	-9.30	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-15.00	-0.0058	>=-2.5 & <=2.5	Pass
			30	NV	-14.20	-0.0055	>=-2.5 & <=2.5	Pass
			40	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-11.80
HV	8.10	0.0031					>=-2.5 & <=2.5	Pass

			-30	NV	-12.50	-0.0048	>=-2.5 & <=2.5	Pass
			-20	NV	-9.20	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-13.00	-0.0050	>=-2.5 & <=2.5	Pass
			10	NV	-16.70	-0.0064	>=-2.5 & <=2.5	Pass
			20	NV	-12.10	-0.0047	>=-2.5 & <=2.5	Pass
			30	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-20.20	-0.0078	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-12.50	-0.0048	>=-2.5 & <=2.5	Pass
				HV	-15.30	-0.0059	>=-2.5 & <=2.5	Pass
			-30	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-15.90	-0.0061	>=-2.5 & <=2.5	Pass
			-10	NV	-10.40	-0.0040	>=-2.5 & <=2.5	Pass
			0	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-8.60	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-10.90	-0.0042	>=-2.5 & <=2.5	Pass
			30	NV	-9.80	-0.0038	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	40	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-9.90	-0.0038	>=-2.5 & <=2.5	Pass
			20	LV	-13.60	-0.0052	>=-2.5 & <=2.5	Pass
				HV	1.30	0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	-13.30	-0.0051	>=-2.5 & <=2.5	Pass
			-20	NV	-16.70	-0.0064	>=-2.5 & <=2.5	Pass
			-10	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-9.90	-0.0038	>=-2.5 & <=2.5	Pass
			10	NV	-12.30	-0.0047	>=-2.5 & <=2.5	Pass
			20	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-10.60	-0.0041	>=-2.5 & <=2.5	Pass
			40	NV	-16.40	-0.0063	>=-2.5 & <=2.5	Pass
			50	NV	-24.40	-0.0094	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_20MHz_NTNV

5G NR n41 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2506.02	Outer_Full	18.19	20.11	/	Pass
	2592.99	Outer_Full	18.11	19.98	/	Pass
	2679.99	Outer_Full	18.10	19.75	/	Pass
DFT-s-OFDM QPSK	2506.02	Outer_Full	18.25	26.31	/	Pass
	2592.99	Outer_Full	18.17	19.94	/	Pass
	2679.99	Outer_Full	18.17	19.88	/	Pass
DFT-s-OFDM 16 QAM	2506.02	Outer_Full	18.28	24.86	/	Pass
	2592.99	Outer_Full	18.16	19.98	/	Pass
	2679.99	Outer_Full	18.15	19.97	/	Pass
DFT-s-OFDM 64 QAM	2506.02	Outer_Full	18.28	20.66	/	Pass
	2592.99	Outer_Full	18.16	20.07	/	Pass
	2679.99	Outer_Full	18.12	20.08	/	Pass
DFT-s-OFDM 256 QAM	2506.02	Outer_Full	18.12	20.98	/	Pass
	2592.99	Outer_Full	18.08	19.90	/	Pass
	2679.99	Outer_Full	18.11	20.04	/	Pass

CP-OFDM QPSK	2506.02	Outer_Full	18.69	30.46	/	Pass
	2592.99	Outer_Full	18.42	20.63	/	Pass
	2679.99	Outer_Full	18.39	20.67	/	Pass
CP-OFDM 16 QAM	2506.02	Outer_Full	18.75	31.13	/	Pass
	2592.99	Outer_Full	18.44	20.42	/	Pass
	2679.99	Outer_Full	18.44	20.29	/	Pass
CP-OFDM 64 QAM	2506.02	Outer_Full	18.59	28.76	/	Pass
	2592.99	Outer_Full	18.42	20.51	/	Pass
	2679.99	Outer_Full	18.45	20.18	/	Pass
CP-OFDM 256 QAM	2506.02	Outer_Full	18.42	20.89	/	Pass
	2592.99	Outer_Full	18.36	20.40	/	Pass
	2679.99	Outer_Full	18.39	20.54	/	Pass

3.1.2 30k_SISO_30MHz_NTNV

5G NR n41 SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2511	Outer_Full	27.16	29.85	/	Pass
	2592.99	Outer_Full	27.14	29.41	/	Pass
	2674.98	Outer_Full	27.08	29.50	/	Pass
DFT-s-OFDM QPSK	2511	Outer_Full	27.32	35.67	/	Pass
	2592.99	Outer_Full	27.12	29.32	/	Pass
	2674.98	Outer_Full	27.08	29.32	/	Pass
DFT-s-OFDM 16 QAM	2511	Outer_Full	27.38	32.92	/	Pass
	2592.99	Outer_Full	27.25	29.50	/	Pass
	2674.98	Outer_Full	27.09	29.31	/	Pass
DFT-s-OFDM 64 QAM	2511	Outer_Full	27.21	37.39	/	Pass
	2592.99	Outer_Full	27.16	29.67	/	Pass
	2674.98	Outer_Full	27.13	29.50	/	Pass
DFT-s-OFDM 256 QAM	2511	Outer_Full	27.25	29.56	/	Pass
	2592.99	Outer_Full	27.28	29.46	/	Pass
	2674.98	Outer_Full	27.27	29.62	/	Pass
CP-OFDM QPSK	2511	Outer_Full	28.47	47.60	/	Pass
	2592.99	Outer_Full	28.13	30.29	/	Pass
	2674.98	Outer_Full	28.16	30.81	/	Pass
CP-OFDM 16 QAM	2511	Outer_Full	28.52	47.15	/	Pass
	2592.99	Outer_Full	28.17	30.62	/	Pass
	2674.98	Outer_Full	28.16	30.69	/	Pass
CP-OFDM 64 QAM	2511	Outer_Full	28.34	42.16	/	Pass
	2592.99	Outer_Full	28.18	31.41	/	Pass
	2674.98	Outer_Full	28.11	30.99	/	Pass
CP-OFDM 256 QAM	2511	Outer_Full	28.18	33.09	/	Pass
	2592.99	Outer_Full	28.22	33.18	/	Pass
	2674.98	Outer_Full	28.25	30.37	/	Pass

3.1.3 30k_SISO_40MHz_NTNV

5G NR n41 SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2516.01	Outer_Full	36.01	39.40	/	Pass
	2592.99	Outer_Full	36.01	39.01	/	Pass
	2670	Outer_Full	36.00	38.63	/	Pass
DFT-s-OFDM QPSK	2516.01	Outer_Full	36.25	45.29	/	Pass
	2592.99	Outer_Full	36.13	38.96	/	Pass

	2670	Outer_Full	35.94	38.89	/	Pass
DFT-s-OFDM 16 QAM	2516.01	Outer_Full	36.26	40.63	/	Pass
	2592.99	Outer_Full	36.22	39.10	/	Pass
	2670	Outer_Full	36.03	38.63	/	Pass
DFT-s-OFDM 64 QAM	2516.01	Outer_Full	36.11	40.63	/	Pass
	2592.99	Outer_Full	36.02	38.82	/	Pass
	2670	Outer_Full	36.04	38.80	/	Pass
DFT-s-OFDM 256 QAM	2516.01	Outer_Full	36.09	39.04	/	Pass
	2592.99	Outer_Full	36.10	38.78	/	Pass
	2670	Outer_Full	36.06	39.05	/	Pass
CP-OFDM QPSK	2516.01	Outer_Full	38.39	63.86	/	Pass
	2592.99	Outer_Full	38.18	40.94	/	Pass
	2670	Outer_Full	38.09	40.87	/	Pass
CP-OFDM 16 QAM	2516.01	Outer_Full	38.34	69.62	/	Pass
	2592.99	Outer_Full	38.11	40.89	/	Pass
	2670	Outer_Full	38.07	41.05	/	Pass
CP-OFDM 64 QAM	2516.01	Outer_Full	38.37	54.33	/	Pass
	2592.99	Outer_Full	38.19	41.00	/	Pass
	2670	Outer_Full	38.08	41.17	/	Pass
CP-OFDM 256 QAM	2516.01	Outer_Full	38.22	40.97	/	Pass
	2592.99	Outer_Full	38.35	41.24	/	Pass
	2670	Outer_Full	38.18	46.85	/	Pass

3.1.4 30k_SISO_50MHz_NTNV

5G NR n41 SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2521.02	Outer_Full	46.30	49.62	/	Pass
	2592.99	Outer_Full	46.08	49.35	/	Pass
	2664.99	Outer_Full	46.27	50.23	/	Pass
DFT-s-OFDM QPSK	2521.02	Outer_Full	46.34	56.72	/	Pass
	2592.99	Outer_Full	46.15	49.40	/	Pass
	2664.99	Outer_Full	46.50	75.53	/	Pass
DFT-s-OFDM 16 QAM	2521.02	Outer_Full	46.37	59.19	/	Pass
	2592.99	Outer_Full	46.78	71.70	/	Pass
	2664.99	Outer_Full	46.67	75.33	/	Pass
DFT-s-OFDM 64 QAM	2521.02	Outer_Full	46.23	49.47	/	Pass
	2592.99	Outer_Full	46.53	64.09	/	Pass
	2664.99	Outer_Full	46.34	77.79	/	Pass
DFT-s-OFDM 256 QAM	2521.02	Outer_Full	46.19	49.45	/	Pass
	2592.99	Outer_Full	46.13	49.46	/	Pass
	2664.99	Outer_Full	46.23	49.51	/	Pass
CP-OFDM QPSK	2521.02	Outer_Full	48.18	68.03	/	Pass
	2592.99	Outer_Full	48.39	82.33	/	Pass
	2664.99	Outer_Full	48.57	86.17	/	Pass
CP-OFDM 16 QAM	2521.02	Outer_Full	48.26	74.42	/	Pass
	2592.99	Outer_Full	47.88	51.12	/	Pass
	2664.99	Outer_Full	47.85	51.36	/	Pass
CP-OFDM 64 QAM	2521.02	Outer_Full	48.16	81.44	/	Pass
	2592.99	Outer_Full	47.80	51.41	/	Pass
	2664.99	Outer_Full	47.83	51.15	/	Pass
CP-OFDM 256 QAM	2521.02	Outer_Full	47.90	51.18	/	Pass
	2592.99	Outer_Full	47.95	54.01	/	Pass
	2664.99	Outer_Full	47.90	51.24	/	Pass

3.1.5 30k_SISO_60MHz_NTNV

5G NR n41 SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2526	Outer_Full	58.25	62.25	/	Pass
	2592.99	Outer_Full	58.39	62.77	/	Pass
	2659.98	Outer_Full	58.37	62.46	/	Pass
DFT-s-OFDM QPSK	2526	Outer_Full	58.28	62.28	/	Pass
	2592.99	Outer_Full	58.69	64.61	/	Pass
	2659.98	Outer_Full	58.74	68.98	/	Pass
DFT-s-OFDM 16 QAM	2526	Outer_Full	58.22	62.18	/	Pass
	2592.99	Outer_Full	58.50	63.09	/	Pass
	2659.98	Outer_Full	58.66	73.84	/	Pass
DFT-s-OFDM 64 QAM	2526	Outer_Full	58.17	62.07	/	Pass
	2592.99	Outer_Full	58.36	62.62	/	Pass
	2659.98	Outer_Full	58.63	71.65	/	Pass
DFT-s-OFDM 256 QAM	2526	Outer_Full	58.17	62.20	/	Pass
	2592.99	Outer_Full	58.17	62.19	/	Pass
	2659.98	Outer_Full	58.20	62.25	/	Pass
CP-OFDM QPSK	2526	Outer_Full	58.10	62.09	/	Pass
	2592.99	Outer_Full	58.81	78.56	/	Pass
	2659.98	Outer_Full	58.77	99.23	/	Pass
CP-OFDM 16 QAM	2526	Outer_Full	58.04	62.12	/	Pass
	2592.99	Outer_Full	58.62	86.73	/	Pass
	2659.98	Outer_Full	58.67	92.23	/	Pass
CP-OFDM 64 QAM	2526	Outer_Full	58.27	62.30	/	Pass
	2592.99	Outer_Full	58.63	99.33	/	Pass
	2659.98	Outer_Full	58.83	86.62	/	Pass
CP-OFDM 256 QAM	2526	Outer_Full	58.33	64.10	/	Pass
	2592.99	Outer_Full	58.22	64.70	/	Pass
	2659.98	Outer_Full	58.37	65.49	/	Pass

3.1.6 30k_SISO_70MHz_NTNV

5G NR n41 SCS=30kHz SISO 70MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2531.01	Outer_Full	65.23	69.94	/	Pass
	2592.99	Outer_Full	65.03	69.84	/	Pass
	2655	Outer_Full	65.35	70.38	/	Pass
DFT-s-OFDM QPSK	2531.01	Outer_Full	65.36	87.43	/	Pass
	2592.99	Outer_Full	65.22	74.06	/	Pass
	2655	Outer_Full	65.60	99.44	/	Pass
DFT-s-OFDM 16 QAM	2531.01	Outer_Full	65.29	78.32	/	Pass
	2592.99	Outer_Full	65.27	69.84	/	Pass
	2655	Outer_Full	65.45	89.56	/	Pass
DFT-s-OFDM 64 QAM	2531.01	Outer_Full	65.32	90.03	/	Pass
	2592.99	Outer_Full	65.11	74.96	/	Pass
	2655	Outer_Full	65.54	75.69	/	Pass
DFT-s-OFDM 256 QAM	2531.01	Outer_Full	64.84	69.65	/	Pass
	2592.99	Outer_Full	64.63	69.58	/	Pass
	2655	Outer_Full	64.96	69.72	/	Pass
CP-OFDM QPSK	2531.01	Outer_Full	68.12	72.62	/	Pass
	2592.99	Outer_Full	68.66	96.76	/	Pass
	2655	Outer_Full	68.88	132.15	/	Pass
CP-OFDM 16 QAM	2531.01	Outer_Full	67.98	72.87	/	Pass

CP-OFDM 64 QAM	2592.99	Outer_Full	68.66	105.34	/	Pass
	2655	Outer_Full	68.94	124.49	/	Pass
	2531.01	Outer_Full	68.09	72.76	/	Pass
	2592.99	Outer_Full	68.57	101.23	/	Pass
	2655	Outer_Full	69.05	124.47	/	Pass
CP-OFDM 256 QAM	2531.01	Outer_Full	68.20	75.48	/	Pass
	2592.99	Outer_Full	67.97	72.78	/	Pass
	2655	Outer_Full	68.18	72.78	/	Pass

3.1.7 30k_SISO_80MHz_NTNV

5G NR n41 SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2536.02	Outer_Full	77.97	85.11	/	Pass
	2592.99	Outer_Full	78.00	82.84	/	Pass
	2649.99	Outer_Full	78.21	83.08	/	Pass
DFT-s-OFDM QPSK	2536.02	Outer_Full	78.34	87.66	/	Pass
	2592.99	Outer_Full	78.05	83.86	/	Pass
	2649.99	Outer_Full	78.40	103.06	/	Pass
DFT-s-OFDM 16 QAM	2536.02	Outer_Full	78.32	84.61	/	Pass
	2592.99	Outer_Full	78.16	84.13	/	Pass
	2649.99	Outer_Full	78.55	96.37	/	Pass
DFT-s-OFDM 64 QAM	2536.02	Outer_Full	78.09	83.45	/	Pass
	2592.99	Outer_Full	77.92	83.30	/	Pass
	2649.99	Outer_Full	78.35	85.82	/	Pass
DFT-s-OFDM 256 QAM	2536.02	Outer_Full	78.00	83.16	/	Pass
	2592.99	Outer_Full	77.63	82.96	/	Pass
	2649.99	Outer_Full	78.08	83.25	/	Pass
CP-OFDM QPSK	2536.02	Outer_Full	78.42	96.23	/	Pass
	2592.99	Outer_Full	78.53	139.10	/	Pass
	2649.99	Outer_Full	78.87	149.50	/	Pass
CP-OFDM 16 QAM	2536.02	Outer_Full	78.61	102.90	/	Pass
	2592.99	Outer_Full	78.63	140.15	/	Pass
	2649.99	Outer_Full	79.06	129.68	/	Pass
CP-OFDM 64 QAM	2536.02	Outer_Full	78.56	101.65	/	Pass
	2592.99	Outer_Full	78.46	111.07	/	Pass
	2649.99	Outer_Full	78.92	130.20	/	Pass
CP-OFDM 256 QAM	2536.02	Outer_Full	78.09	83.58	/	Pass
	2592.99	Outer_Full	77.86	83.23	/	Pass
	2649.99	Outer_Full	78.22	84.57	/	Pass

3.1.8 30k_SISO_90MHz_NTNV

5G NR n41 SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2541	Outer_Full	87.77	94.42	/	Pass
	2592.99	Outer_Full	87.44	93.58	/	Pass
	2644.98	Outer_Full	87.69	94.18	/	Pass
DFT-s-OFDM QPSK	2541	Outer_Full	87.69	109.90	/	Pass
	2592.99	Outer_Full	87.78	93.98	/	Pass
	2644.98	Outer_Full	88.33	125.74	/	Pass
DFT-s-OFDM 16 QAM	2541	Outer_Full	88.00	107.70	/	Pass
	2592.99	Outer_Full	87.87	93.69	/	Pass
	2644.98	Outer_Full	88.81	117.90	/	Pass

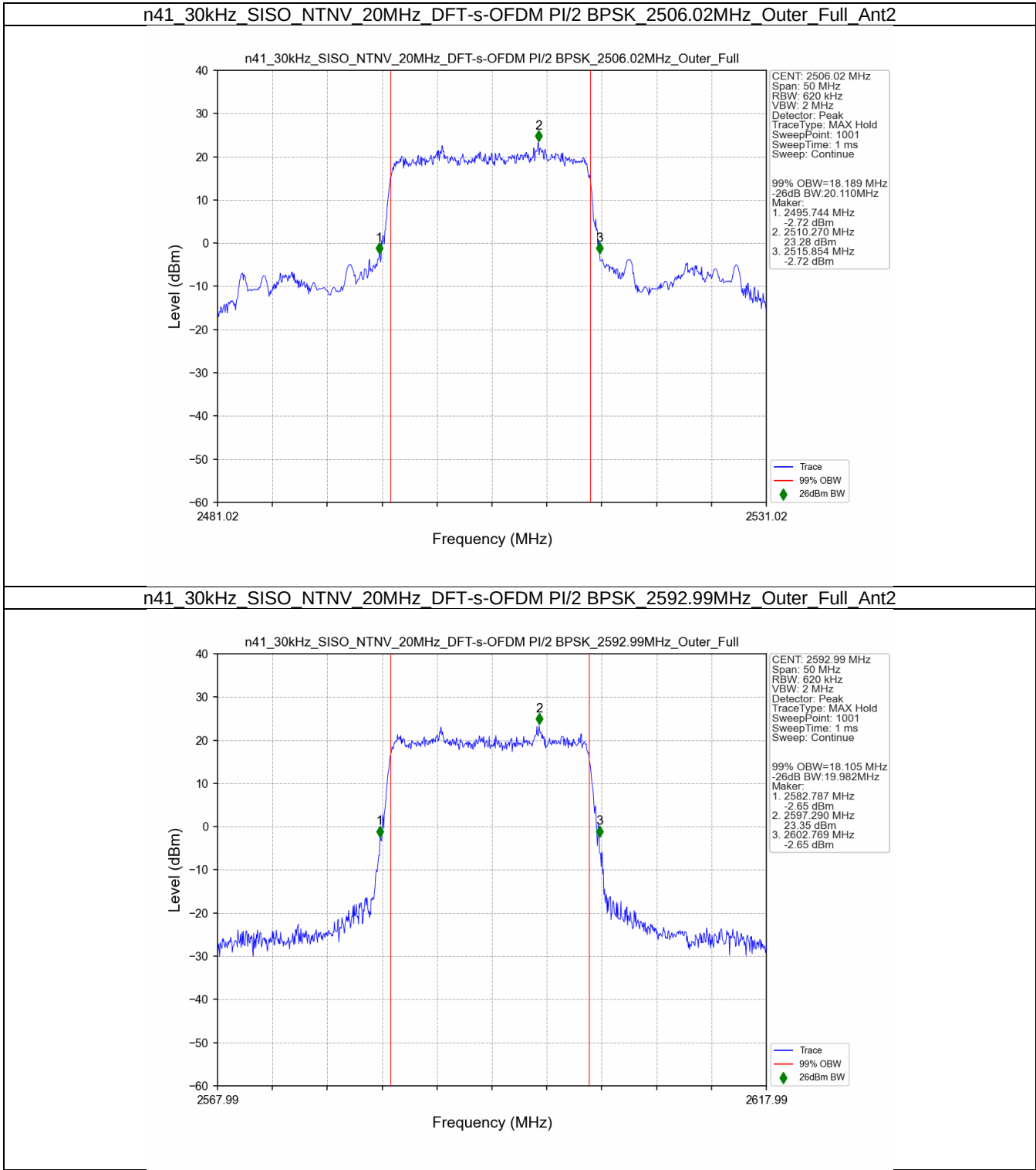
DFT-s-OFDM 64 QAM	2541	Outer_Full	87.65	94.69	/	Pass
	2592.99	Outer_Full	87.44	93.51	/	Pass
	2644.98	Outer_Full	88.15	109.39	/	Pass
DFT-s-OFDM 256 QAM	2541	Outer_Full	87.27	93.26	/	Pass
	2592.99	Outer_Full	86.98	93.18	/	Pass
	2644.98	Outer_Full	87.42	93.36	/	Pass
CP-OFDM QPSK	2541	Outer_Full	88.73	111.51	/	Pass
	2592.99	Outer_Full	88.79	158.20	/	Pass
	2644.98	Outer_Full	89.25	154.15	/	Pass
CP-OFDM 16 QAM	2541	Outer_Full	88.55	117.32	/	Pass
	2592.99	Outer_Full	88.85	161.74	/	Pass
	2644.98	Outer_Full	89.10	145.92	/	Pass
CP-OFDM 64 QAM	2541	Outer_Full	88.46	110.66	/	Pass
	2592.99	Outer_Full	88.58	149.01	/	Pass
	2644.98	Outer_Full	89.17	138.37	/	Pass
CP-OFDM 256 QAM	2541	Outer_Full	88.25	94.14	/	Pass
	2592.99	Outer_Full	88.28	94.05	/	Pass
	2644.98	Outer_Full	88.36	94.15	/	Pass

3.1.9 30k_SISO_100MHz_NTNV

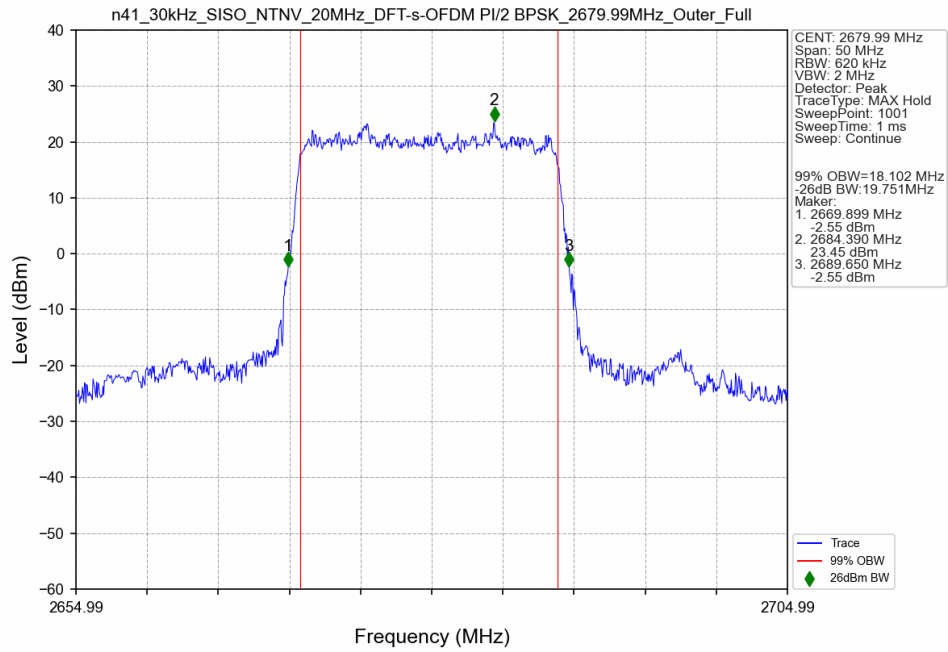
5G NR n41 SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2546.01	Outer_Full	97.48	103.65	/	Pass
	2592.99	Outer_Full	97.50	104.05	/	Pass
	2640	Outer_Full	97.96	104.96	/	Pass
DFT-s-OFDM QPSK	2546.01	Outer_Full	97.05	103.75	/	Pass
	2592.99	Outer_Full	97.53	114.06	/	Pass
	2640	Outer_Full	97.78	130.07	/	Pass
DFT-s-OFDM 16 QAM	2546.01	Outer_Full	97.53	103.76	/	Pass
	2592.99	Outer_Full	97.64	104.37	/	Pass
	2640	Outer_Full	97.99	139.55	/	Pass
DFT-s-OFDM 64 QAM	2546.01	Outer_Full	97.40	103.62	/	Pass
	2592.99	Outer_Full	97.55	104.27	/	Pass
	2640	Outer_Full	97.91	110.17	/	Pass
DFT-s-OFDM 256 QAM	2546.01	Outer_Full	97.06	103.82	/	Pass
	2592.99	Outer_Full	97.11	103.79	/	Pass
	2640	Outer_Full	97.65	104.29	/	Pass
CP-OFDM QPSK	2546.01	Outer_Full	98.09	104.91	/	Pass
	2592.99	Outer_Full	98.96	162.89	/	Pass
	2640	Outer_Full	99.34	154.64	/	Pass
CP-OFDM 16 QAM	2546.01	Outer_Full	98.16	104.47	/	Pass
	2592.99	Outer_Full	98.93	175.19	/	Pass
	2640	Outer_Full	99.17	149.78	/	Pass
CP-OFDM 64 QAM	2546.01	Outer_Full	98.12	105.25	/	Pass
	2592.99	Outer_Full	98.56	125.88	/	Pass
	2640	Outer_Full	99.12	129.88	/	Pass
CP-OFDM 256 QAM	2546.01	Outer_Full	98.47	104.78	/	Pass
	2592.99	Outer_Full	98.14	104.72	/	Pass
	2640	Outer_Full	98.63	105.54	/	Pass

3.2 Test Graph

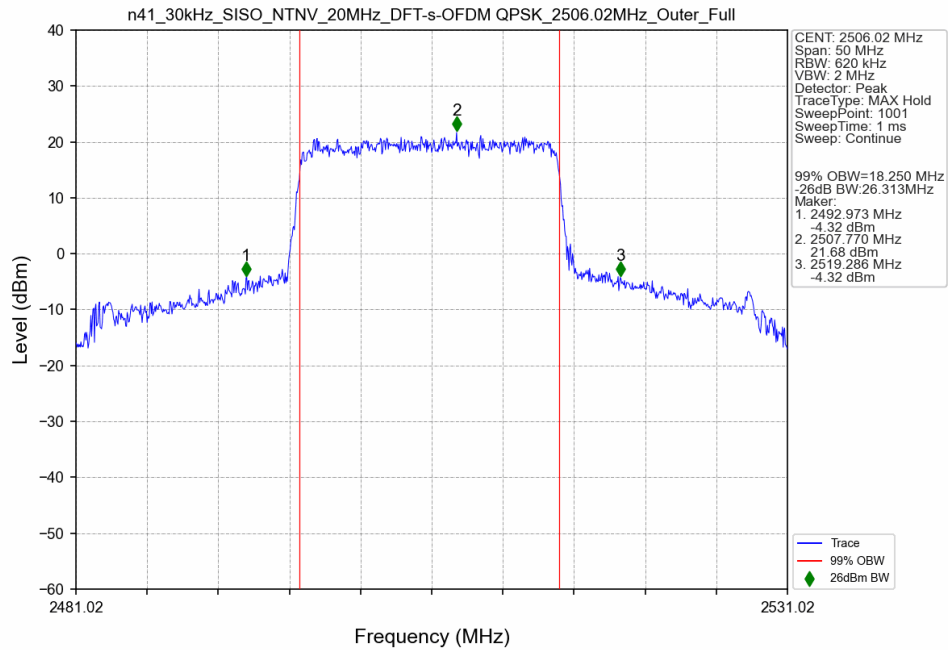
3.2.1 30k_SISO_20MHz_NTNV



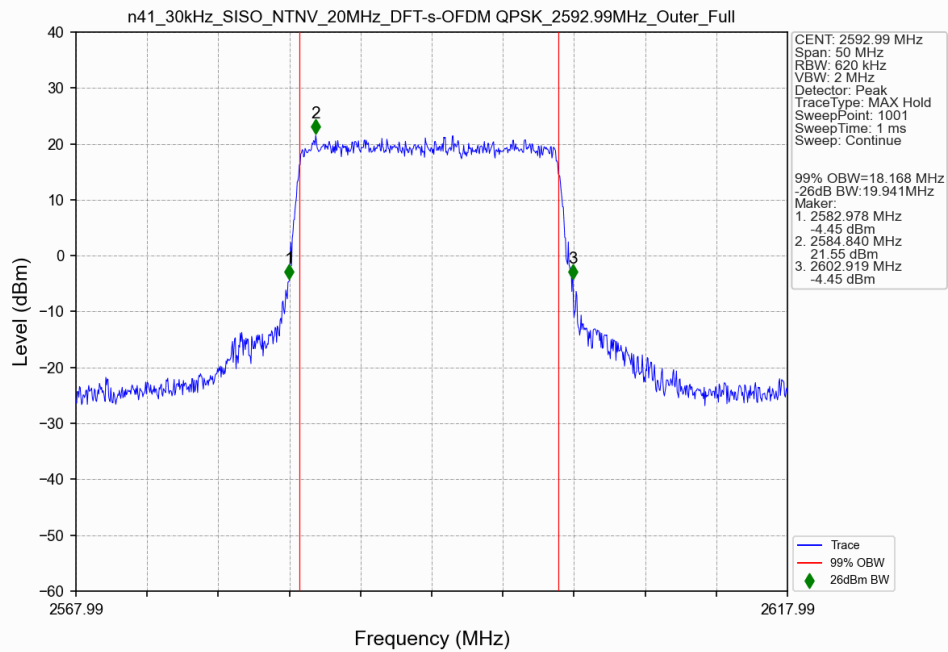
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_2679.99MHz_Outer_Full_Ant2



n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_2506.02MHz_Outer_Full_Ant2



n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_2592.99MHz_Outer_Full_Ant2



n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_2679.99MHz_Outer_Full_Ant2

