



Appendix A.36

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_20M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3460.02	Edge_1RB_Left	23.22	/	/	24.57	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	23.97	/	/	<=30	Pass
		Outer_Full	25.89	/	/	27.24	/	/	<=30	Pass
		Inner_Full	26.31	/	/	27.66	/	/	<=30	Pass
		Inner_1RB_Left	26.57	/	/	27.92	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	27.29	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.12	/	/	24.47	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	24.15	/	/	<=30	Pass
		Outer_Full	25.84	/	/	27.19	/	/	<=30	Pass
		Inner_Full	26.32	/	/	27.67	/	/	<=30	Pass
		Inner_1RB_Left	26.64	/	/	27.99	/	/	<=30	Pass
		Inner_1RB_Right	26.18	/	/	27.53	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.86	/	/	24.21	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	23.81	/	/	<=30	Pass
		Outer_Full	25.61	/	/	26.96	/	/	<=30	Pass
		Inner_Full	26.01	/	/	27.36	/	/	<=30	Pass
		Inner_1RB_Left	26.40	/	/	27.75	/	/	<=30	Pass
		Inner_1RB_Right	25.90	/	/	27.25	/	/	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Edge_1RB_Left	23.14	/	/	24.49	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	23.81	/	/	<=30	Pass
		Outer_Full	25.44	/	/	26.79	/	/	<=30	Pass
		Inner_Full	26.34	/	/	27.69	/	/	<=30	Pass
		Inner_1RB_Left	26.56	/	/	27.91	/	/	<=30	Pass
		Inner_1RB_Right	26.00	/	/	27.35	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.00	/	/	24.35	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	24.17	/	/	<=30	Pass
		Outer_Full	25.37	/	/	26.72	/	/	<=30	Pass
		Inner_Full	26.39	/	/	27.74	/	/	<=30	Pass
		Inner_1RB_Left	26.53	/	/	27.88	/	/	<=30	Pass
		Inner_1RB_Right	26.14	/	/	27.49	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.83	/	/	24.18	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	23.73	/	/	<=30	Pass
		Outer_Full	25.10	/	/	26.45	/	/	<=30	Pass
		Inner_Full	26.04	/	/	27.39	/	/	<=30	Pass
		Inner_1RB_Left	26.34	/	/	27.69	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	27.15	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Edge_1RB_Left	23.05	/	/	24.40	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	23.80	/	/	<=30	Pass
		Outer_Full	24.38	/	/	25.73	/	/	<=30	Pass
		Inner_Full	25.30	/	/	26.65	/	/	<=30	Pass

		Inner_1RB_Left	25.50	/	/	26.85	/	/	<=30	Pass
		Inner_1RB_Right	24.86	/	/	26.21	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.15	/	/	24.50	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	24.01	/	/	<=30	Pass
		Outer_Full	24.38	/	/	25.73	/	/	<=30	Pass
		Inner_Full	25.41	/	/	26.76	/	/	<=30	Pass
		Inner_1RB_Left	25.64	/	/	26.99	/	/	<=30	Pass
		Inner_1RB_Right	25.23	/	/	26.58	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.90	/	/	24.25	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	23.70	/	/	<=30	Pass
		Outer_Full	24.10	/	/	25.45	/	/	<=30	Pass
		Inner_Full	25.10	/	/	26.45	/	/	<=30	Pass
		Inner_1RB_Left	25.28	/	/	26.63	/	/	<=30	Pass
		Inner_1RB_Right	24.78	/	/	26.13	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Edge_1RB_Left	23.24	/	/	24.59	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	23.97	/	/	<=30	Pass
		Outer_Full	23.88	/	/	25.23	/	/	<=30	Pass
		Inner_Full	23.96	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Left	24.14	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	24.94	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.27	/	/	24.62	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	24.25	/	/	<=30	Pass
		Outer_Full	23.91	/	/	25.26	/	/	<=30	Pass
		Inner_Full	23.93	/	/	25.28	/	/	<=30	Pass
		Inner_1RB_Left	24.16	/	/	25.51	/	/	<=30	Pass
		Inner_1RB_Right	23.83	/	/	25.18	/	/	<=30	Pass
	3540	Edge_1RB_Left	23.10	/	/	24.45	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	23.89	/	/	<=30	Pass
		Outer_Full	23.56	/	/	24.91	/	/	<=30	Pass
		Inner_Full	23.65	/	/	25.00	/	/	<=30	Pass
		Inner_1RB_Left	23.99	/	/	25.34	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	24.76	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Edge_1RB_Left	22.08	/	/	23.43	/	/	<=30	Pass
		Edge_1RB_Right	21.57	/	/	22.92	/	/	<=30	Pass
		Outer_Full	21.77	/	/	23.12	/	/	<=30	Pass
		Inner_Full	21.85	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Left	22.12	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	21.53	/	/	22.88	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.98	/	/	23.33	/	/	<=30	Pass
		Edge_1RB_Right	21.64	/	/	22.99	/	/	<=30	Pass
		Outer_Full	21.88	/	/	23.23	/	/	<=30	Pass
		Inner_Full	21.96	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Left	22.09	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Right	21.63	/	/	22.98	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.89	/	/	23.24	/	/	<=30	Pass
		Edge_1RB_Right	21.35	/	/	22.70	/	/	<=30	Pass
		Outer_Full	21.62	/	/	22.97	/	/	<=30	Pass
		Inner_Full	21.60	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Left	21.96	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Right	21.33	/	/	22.68	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Edge_1RB_Left	23.22	/	/	24.57	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	24.03	/	/	<=30	Pass
		Outer_Full	23.33	/	/	24.68	/	/	<=30	Pass

		Inner Full	24.90	/	/	26.25	/	/	<=30	Pass
		Inner 1RB Left	25.19	/	/	26.54	/	/	<=30	Pass
		Inner 1RB Right	24.51	/	/	25.86	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.13	/	/	24.48	/	/	<=30	Pass
		Edge 1RB Right	22.81	/	/	24.16	/	/	<=30	Pass
		Outer Full	23.43	/	/	24.78	/	/	<=30	Pass
		Inner Full	24.93	/	/	26.28	/	/	<=30	Pass
		Inner 1RB Left	25.25	/	/	26.60	/	/	<=30	Pass
		Inner 1RB Right	24.79	/	/	26.14	/	/	<=30	Pass
	3540	Edge 1RB Left	23.01	/	/	24.36	/	/	<=30	Pass
		Edge 1RB Right	22.51	/	/	23.86	/	/	<=30	Pass
		Outer Full	23.03	/	/	24.38	/	/	<=30	Pass
		Inner Full	24.61	/	/	25.96	/	/	<=30	Pass
		Inner 1RB Left	24.96	/	/	26.31	/	/	<=30	Pass
		Inner 1RB Right	24.45	/	/	25.80	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.02	Edge 1RB Left	23.16	/	/	24.51	/	/	<=30	Pass
		Edge 1RB Right	22.53	/	/	23.88	/	/	<=30	Pass
		Outer Full	23.35	/	/	24.70	/	/	<=30	Pass
		Inner Full	24.36	/	/	25.71	/	/	<=30	Pass
		Inner 1RB Left	24.65	/	/	26.00	/	/	<=30	Pass
		Inner 1RB Right	24.10	/	/	25.45	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.12	/	/	24.47	/	/	<=30	Pass
		Edge 1RB Right	22.75	/	/	24.10	/	/	<=30	Pass
		Outer Full	23.35	/	/	24.70	/	/	<=30	Pass
		Inner Full	24.39	/	/	25.74	/	/	<=30	Pass
		Inner 1RB Left	24.47	/	/	25.82	/	/	<=30	Pass
		Inner 1RB Right	24.13	/	/	25.48	/	/	<=30	Pass
	3540	Edge 1RB Left	22.83	/	/	24.18	/	/	<=30	Pass
		Edge 1RB Right	22.38	/	/	23.73	/	/	<=30	Pass
		Outer Full	23.11	/	/	24.46	/	/	<=30	Pass
		Inner Full	24.15	/	/	25.50	/	/	<=30	Pass
		Inner 1RB Left	24.38	/	/	25.73	/	/	<=30	Pass
		Inner 1RB Right	23.78	/	/	25.13	/	/	<=30	Pass
CP-OFDM 64 QAM	3460.02	Edge 1RB Left	23.23	/	/	24.58	/	/	<=30	Pass
		Edge 1RB Right	22.64	/	/	23.99	/	/	<=30	Pass
		Outer Full	22.75	/	/	24.10	/	/	<=30	Pass
		Inner Full	22.82	/	/	24.17	/	/	<=30	Pass
		Inner 1RB Left	23.22	/	/	24.57	/	/	<=30	Pass
		Inner 1RB Right	22.64	/	/	23.99	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.16	/	/	24.51	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	24.14	/	/	<=30	Pass
		Outer Full	22.84	/	/	24.19	/	/	<=30	Pass
		Inner Full	22.87	/	/	24.22	/	/	<=30	Pass
		Inner 1RB Left	23.16	/	/	24.51	/	/	<=30	Pass
		Inner 1RB Right	22.75	/	/	24.10	/	/	<=30	Pass
	3540	Edge 1RB Left	22.97	/	/	24.32	/	/	<=30	Pass
		Edge 1RB Right	22.49	/	/	23.84	/	/	<=30	Pass
		Outer Full	22.54	/	/	23.89	/	/	<=30	Pass
		Inner Full	22.50	/	/	23.85	/	/	<=30	Pass
		Inner 1RB Left	22.92	/	/	24.27	/	/	<=30	Pass
		Inner 1RB Right	22.45	/	/	23.80	/	/	<=30	Pass
CP-OFDM 256 QAM	3460.02	Edge 1RB Left	20.17	/	/	21.52	/	/	<=30	Pass
		Edge 1RB Right	19.63	/	/	20.98	/	/	<=30	Pass

		Outer_Full	19.82	/	/	21.17	/	/	<=30	Pass
		Inner_Full	19.86	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Left	20.21	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Right	19.63	/	/	20.98	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.19	/	/	21.54	/	/	<=30	Pass
		Edge_1RB_Right	19.72	/	/	21.07	/	/	<=30	Pass
		Outer_Full	19.86	/	/	21.21	/	/	<=30	Pass
		Inner_Full	19.99	/	/	21.34	/	/	<=30	Pass
	3540	Inner_1RB_Left	20.19	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Right	19.74	/	/	21.09	/	/	<=30	Pass
		Edge_1RB_Left	19.86	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	19.47	/	/	20.82	/	/	<=30	Pass
		Outer_Full	19.49	/	/	20.84	/	/	<=30	Pass
		Inner_Full	19.55	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Left	19.94	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Right	19.44	/	/	20.79	/	/	<=30	Pass

Note1: Antenna Gain: Ant6: 1.35dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.2 30_S_30M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3465	Edge_1RB_Left	23.18	/	/	24.53	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	24.18	/	/	<=30	Pass
		Outer_Full	25.67	/	/	27.02	/	/	<=30	Pass
		Inner_Full	25.96	/	/	27.31	/	/	<=30	Pass
		Inner_1RB_Left	26.61	/	/	27.96	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	26.31	/	/	27.66	/	/	<=30	Pass
		Edge_1RB_Left	23.15	/	/	24.50	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	24.16	/	/	<=30	Pass
		Outer_Full	25.83	/	/	27.18	/	/	<=30	Pass
		Inner_Full	26.35	/	/	27.70	/	/	<=30	Pass
	3534.99	Inner_1RB_Left	26.70	/	/	28.05	/	/	<=30	Pass
		Inner_1RB_Right	26.33	/	/	27.68	/	/	<=30	Pass
		Edge_1RB_Left	23.21	/	/	24.56	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	23.85	/	/	<=30	Pass
		Outer_Full	25.97	/	/	27.32	/	/	<=30	Pass
DFT-s-OFDM QPSK	3465	Inner_Full	26.34	/	/	27.69	/	/	<=30	Pass
		Inner_1RB_Left	26.72	/	/	28.07	/	/	<=30	Pass
		Inner_1RB_Right	25.97	/	/	27.32	/	/	<=30	Pass
		Edge_1RB_Left	23.19	/	/	24.54	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	24.20	/	/	<=30	Pass
	3500.01	Outer_Full	25.24	/	/	26.59	/	/	<=30	Pass
		Inner_Full	26.02	/	/	27.37	/	/	<=30	Pass
		Inner_1RB_Left	26.62	/	/	27.97	/	/	<=30	Pass
		Inner_1RB_Right	26.26	/	/	27.61	/	/	<=30	Pass
		Edge_1RB_Left	23.19	/	/	24.54	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	24.12	/	/	<=30	Pass
		Outer_Full	25.43	/	/	26.78	/	/	<=30	Pass

		Inner Full	26.32	/	/	27.67	/	/	<=30	Pass
		Inner 1RB Left	26.69	/	/	28.04	/	/	<=30	Pass
		Inner 1RB Right	26.26	/	/	27.61	/	/	<=30	Pass
	3534.99	Edge 1RB Left	23.22	/	/	24.57	/	/	<=30	Pass
		Edge 1RB Right	22.44	/	/	23.79	/	/	<=30	Pass
		Outer Full	25.28	/	/	26.63	/	/	<=30	Pass
		Inner Full	26.39	/	/	27.74	/	/	<=30	Pass
		Inner 1RB Left	26.65	/	/	28.00	/	/	<=30	Pass
		Inner 1RB Right	25.98	/	/	27.33	/	/	<=30	Pass
		Edge 1RB Left	23.03	/	/	24.38	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Edge 1RB Right	22.78	/	/	24.13	/	/	<=30	Pass
		Outer Full	24.28	/	/	25.63	/	/	<=30	Pass
		Inner Full	25.04	/	/	26.39	/	/	<=30	Pass
		Inner 1RB Left	25.53	/	/	26.88	/	/	<=30	Pass
		Inner 1RB Right	25.08	/	/	26.43	/	/	<=30	Pass
		Edge 1RB Left	23.11	/	/	24.46	/	/	<=30	Pass
	3500.01	Edge 1RB Right	22.71	/	/	24.06	/	/	<=30	Pass
		Outer Full	24.40	/	/	25.75	/	/	<=30	Pass
		Inner Full	25.34	/	/	26.69	/	/	<=30	Pass
		Inner 1RB Left	25.50	/	/	26.85	/	/	<=30	Pass
		Inner 1RB Right	25.16	/	/	26.51	/	/	<=30	Pass
		Edge 1RB Left	23.00	/	/	24.35	/	/	<=30	Pass
	3534.99	Edge 1RB Right	22.35	/	/	23.70	/	/	<=30	Pass
		Outer Full	24.41	/	/	25.76	/	/	<=30	Pass
		Inner Full	25.36	/	/	26.71	/	/	<=30	Pass
		Inner 1RB Left	25.59	/	/	26.94	/	/	<=30	Pass
		Inner 1RB Right	24.79	/	/	26.14	/	/	<=30	Pass
		Edge 1RB Left	23.31	/	/	24.66	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Edge 1RB Right	23.00	/	/	24.35	/	/	<=30	Pass
		Outer Full	23.75	/	/	25.10	/	/	<=30	Pass
		Inner Full	23.61	/	/	24.96	/	/	<=30	Pass
		Inner 1RB Left	24.18	/	/	25.53	/	/	<=30	Pass
		Inner 1RB Right	23.82	/	/	25.17	/	/	<=30	Pass
		Edge 1RB Left	23.34	/	/	24.69	/	/	<=30	Pass
	3500.01	Edge 1RB Right	22.87	/	/	24.22	/	/	<=30	Pass
		Outer Full	23.95	/	/	25.30	/	/	<=30	Pass
		Inner Full	23.92	/	/	25.27	/	/	<=30	Pass
		Inner 1RB Left	24.18	/	/	25.53	/	/	<=30	Pass
		Inner 1RB Right	23.82	/	/	25.17	/	/	<=30	Pass
		Edge 1RB Left	23.25	/	/	24.60	/	/	<=30	Pass
	3534.99	Edge 1RB Right	22.55	/	/	23.90	/	/	<=30	Pass
		Outer Full	23.81	/	/	25.16	/	/	<=30	Pass
		Inner Full	23.90	/	/	25.25	/	/	<=30	Pass
		Inner 1RB Left	24.21	/	/	25.56	/	/	<=30	Pass
		Inner 1RB Right	23.46	/	/	24.81	/	/	<=30	Pass
		Edge 1RB Left	22.11	/	/	23.46	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3465	Edge 1RB Right	21.79	/	/	23.14	/	/	<=30	Pass
		Outer Full	21.70	/	/	23.05	/	/	<=30	Pass
		Inner Full	21.44	/	/	22.79	/	/	<=30	Pass
		Inner 1RB Left	22.06	/	/	23.41	/	/	<=30	Pass
		Inner 1RB Right	21.80	/	/	23.15	/	/	<=30	Pass
		Edge 1RB Left	22.17	/	/	23.52	/	/	<=30	Pass
	3500.01	Edge 1RB Right	21.85	/	/	23.20	/	/	<=30	Pass

		Outer_Full	21.81	/	/	23.16	/	/	<=30	Pass
		Inner_Full	21.89	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Left	22.12	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	21.76	/	/	23.11	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.14	/	/	23.49	/	/	<=30	Pass
		Edge_1RB_Right	21.36	/	/	22.71	/	/	<=30	Pass
		Outer_Full	21.84	/	/	23.19	/	/	<=30	Pass
		Inner_Full	21.82	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Left	22.17	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	21.43	/	/	22.78	/	/	<=30	Pass
		Edge_1RB_Left	23.23	/	/	24.58	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	24.29	/	/	<=30	Pass
CP-OFDM QPSK	3465	Outer_Full	23.23	/	/	24.58	/	/	<=30	Pass
		Inner_Full	24.55	/	/	25.90	/	/	<=30	Pass
		Inner_1RB_Left	25.24	/	/	26.59	/	/	<=30	Pass
		Inner_1RB_Right	24.82	/	/	26.17	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.26	/	/	24.61	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	24.28	/	/	<=30	Pass
		Outer_Full	23.38	/	/	24.73	/	/	<=30	Pass
		Inner_Full	24.87	/	/	26.22	/	/	<=30	Pass
		Inner_1RB_Left	25.21	/	/	26.56	/	/	<=30	Pass
		Inner_1RB_Right	24.80	/	/	26.15	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	23.31	/	/	24.66	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	23.85	/	/	<=30	Pass
		Outer_Full	23.27	/	/	24.62	/	/	<=30	Pass
		Inner_Full	24.89	/	/	26.24	/	/	<=30	Pass
		Inner_1RB_Left	25.23	/	/	26.58	/	/	<=30	Pass
		Inner_1RB_Right	24.45	/	/	25.80	/	/	<=30	Pass
CP-OFDM 16 QAM	3465	Edge_1RB_Left	23.09	/	/	24.44	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	24.23	/	/	<=30	Pass
		Outer_Full	23.20	/	/	24.55	/	/	<=30	Pass
		Inner_Full	24.04	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Left	24.58	/	/	25.93	/	/	<=30	Pass
		Inner_1RB_Right	24.11	/	/	25.46	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.10	/	/	24.45	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	24.10	/	/	<=30	Pass
		Outer_Full	23.44	/	/	24.79	/	/	<=30	Pass
		Inner_Full	24.36	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Left	24.65	/	/	26.00	/	/	<=30	Pass
		Inner_1RB_Right	24.18	/	/	25.53	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	23.11	/	/	24.46	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	23.75	/	/	<=30	Pass
		Outer_Full	23.45	/	/	24.80	/	/	<=30	Pass
		Inner_Full	24.39	/	/	25.74	/	/	<=30	Pass
		Inner_1RB_Left	24.58	/	/	25.93	/	/	<=30	Pass
		Inner_1RB_Right	23.78	/	/	25.13	/	/	<=30	Pass
CP-OFDM 64 QAM	3465	Edge_1RB_Left	23.27	/	/	24.62	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	24.31	/	/	<=30	Pass
		Outer_Full	22.71	/	/	24.06	/	/	<=30	Pass
		Inner_Full	22.61	/	/	23.96	/	/	<=30	Pass
		Inner_1RB_Left	23.23	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Right	22.88	/	/	24.23	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.29	/	/	24.64	/	/	<=30	Pass

CP-OFDM 256 QAM		Edge 1RB Right	23.01	/	/	24.36	/	/	<=30	Pass
		Outer Full	23.04	/	/	24.39	/	/	<=30	Pass
		Inner Full	22.91	/	/	24.26	/	/	<=30	Pass
		Inner 1RB Left	23.31	/	/	24.66	/	/	<=30	Pass
		Inner 1RB Right	23.01	/	/	24.36	/	/	<=30	Pass
	3534.99	Edge 1RB Left	23.33	/	/	24.68	/	/	<=30	Pass
		Edge 1RB Right	22.56	/	/	23.91	/	/	<=30	Pass
		Outer Full	22.91	/	/	24.26	/	/	<=30	Pass
		Inner Full	22.84	/	/	24.19	/	/	<=30	Pass
		Inner 1RB Left	23.28	/	/	24.63	/	/	<=30	Pass
		Inner 1RB Right	22.52	/	/	23.87	/	/	<=30	Pass
	3465	Edge 1RB Left	20.18	/	/	21.53	/	/	<=30	Pass
		Edge 1RB Right	19.92	/	/	21.27	/	/	<=30	Pass
		Outer Full	19.71	/	/	21.06	/	/	<=30	Pass
		Inner Full	19.53	/	/	20.88	/	/	<=30	Pass
		Inner 1RB Left	20.25	/	/	21.60	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Inner 1RB Right	19.93	/	/	21.28	/	/	<=30	Pass
		Edge 1RB Left	20.15	/	/	21.50	/	/	<=30	Pass
		Edge 1RB Right	19.86	/	/	21.21	/	/	<=30	Pass
		Outer Full	20.00	/	/	21.35	/	/	<=30	Pass
		Inner Full	19.85	/	/	21.20	/	/	<=30	Pass
	3534.99	Inner 1RB Left	20.32	/	/	21.67	/	/	<=30	Pass
		Inner 1RB Right	19.83	/	/	21.18	/	/	<=30	Pass
		Edge 1RB Left	20.10	/	/	21.45	/	/	<=30	Pass
		Edge 1RB Right	19.54	/	/	20.89	/	/	<=30	Pass
		Outer Full	19.87	/	/	21.22	/	/	<=30	Pass
	3465	Inner Full	19.89	/	/	21.24	/	/	<=30	Pass
		Inner 1RB Left	20.16	/	/	21.51	/	/	<=30	Pass
		Inner 1RB Right	19.46	/	/	20.81	/	/	<=30	Pass

Note1: Antenna Gain: Ant6: 1.35dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.3 30_S_40M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Edge 1RB Left	23.33	/	/	24.68	/	/	<=30	Pass
		Edge 1RB Right	23.34	/	/	24.69	/	/	<=30	Pass
		Outer Full	25.86	/	/	27.21	/	/	<=30	Pass
		Inner Full	26.07	/	/	27.42	/	/	<=30	Pass
		Inner 1RB Left	26.79	/	/	28.14	/	/	<=30	Pass
		Inner 1RB Right	26.80	/	/	28.15	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.08	/	/	24.43	/	/	<=30	Pass
		Edge 1RB Right	23.10	/	/	24.45	/	/	<=30	Pass
		Outer Full	25.90	/	/	27.25	/	/	<=30	Pass
		Inner Full	26.35	/	/	27.70	/	/	<=30	Pass
		Inner 1RB Left	26.57	/	/	27.92	/	/	<=30	Pass
		Inner 1RB Right	26.55	/	/	27.90	/	/	<=30	Pass
	3529.98	Edge 1RB Left	22.77	/	/	24.12	/	/	<=30	Pass
		Edge 1RB Right	22.47	/	/	23.82	/	/	<=30	Pass

DFT-s-OFDM QPSK		Outer_Full	25.84	/	/	27.19	/	/	<=30	Pass
		Inner_Full	26.37	/	/	27.72	/	/	<=30	Pass
		Inner_1RB_Left	26.32	/	/	27.67	/	/	<=30	Pass
		Inner_1RB_Right	26.00	/	/	27.35	/	/	<=30	Pass
	3470.01	Edge_1RB_Left	23.30	/	/	24.65	/	/	<=30	Pass
		Edge_1RB_Right	23.24	/	/	24.59	/	/	<=30	Pass
		Outer_Full	25.27	/	/	26.62	/	/	<=30	Pass
		Inner_Full	26.14	/	/	27.49	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	26.74	/	/	28.09	/	/	<=30	Pass
		Inner_1RB_Right	26.77	/	/	28.12	/	/	<=30	Pass
		Edge_1RB_Left	22.97	/	/	24.32	/	/	<=30	Pass
		Edge_1RB_Right	23.03	/	/	24.38	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3529.98	Outer_Full	25.50	/	/	26.85	/	/	<=30	Pass
		Inner_Full	26.37	/	/	27.72	/	/	<=30	Pass
		Inner_1RB_Left	26.53	/	/	27.88	/	/	<=30	Pass
		Inner_1RB_Right	26.54	/	/	27.89	/	/	<=30	Pass
	3470.01	Edge_1RB_Left	22.92	/	/	24.27	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	23.84	/	/	<=30	Pass
		Outer_Full	25.30	/	/	26.65	/	/	<=30	Pass
		Inner_Full	26.45	/	/	27.80	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	26.37	/	/	27.72	/	/	<=30	Pass
		Inner_1RB_Right	25.97	/	/	27.32	/	/	<=30	Pass
		Edge_1RB_Left	23.16	/	/	24.51	/	/	<=30	Pass
		Edge_1RB_Right	23.20	/	/	24.55	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3529.98	Outer_Full	24.38	/	/	25.73	/	/	<=30	Pass
		Inner_Full	25.16	/	/	26.51	/	/	<=30	Pass
		Inner_1RB_Left	25.73	/	/	27.08	/	/	<=30	Pass
		Inner_1RB_Right	25.60	/	/	26.95	/	/	<=30	Pass
	3470.01	Edge_1RB_Left	22.88	/	/	24.23	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	24.26	/	/	<=30	Pass
		Outer_Full	24.46	/	/	25.81	/	/	<=30	Pass
		Inner_Full	25.45	/	/	26.80	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	25.30	/	/	26.65	/	/	<=30	Pass
		Inner_1RB_Right	25.35	/	/	26.70	/	/	<=30	Pass
		Edge_1RB_Left	22.72	/	/	24.07	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	23.72	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3529.98	Outer_Full	24.37	/	/	25.72	/	/	<=30	Pass
		Inner_Full	25.40	/	/	26.75	/	/	<=30	Pass
		Inner_1RB_Left	25.19	/	/	26.54	/	/	<=30	Pass
		Inner_1RB_Right	24.89	/	/	26.24	/	/	<=30	Pass
	3470.01	Edge_1RB_Left	23.38	/	/	24.73	/	/	<=30	Pass
		Edge_1RB_Right	23.33	/	/	24.68	/	/	<=30	Pass
		Outer_Full	23.83	/	/	25.18	/	/	<=30	Pass
		Inner_Full	23.62	/	/	24.97	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	24.39	/	/	25.74	/	/	<=30	Pass
		Inner_1RB_Right	24.33	/	/	25.68	/	/	<=30	Pass
		Edge_1RB_Left	23.06	/	/	24.41	/	/	<=30	Pass
		Edge_1RB_Right	23.12	/	/	24.47	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3529.98	Outer_Full	23.96	/	/	25.31	/	/	<=30	Pass
		Inner_Full	23.92	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Left	24.13	/	/	25.48	/	/	<=30	Pass
		Inner_1RB_Right	24.07	/	/	25.42	/	/	<=30	Pass
	3470.01	Edge_1RB_Left	22.86	/	/	24.21	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	24.21	/	/	<=30	Pass
		Outer_Full	22.86	/	/	24.21	/	/	<=30	Pass
		Inner_Full	22.86	/	/	24.21	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	22.86	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Right	22.86	/	/	24.21	/	/	<=30	Pass
		Edge_1RB_Left	22.86	/	/	24.21	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	24.21	/	/	<=30	Pass

DFT-s-OFDM 256 QAM		Edge 1RB Right	22.58	/	/	23.93	/	/	<=30	Pass
		Outer Full	23.86	/	/	25.21	/	/	<=30	Pass
		Inner Full	23.92	/	/	25.27	/	/	<=30	Pass
		Inner 1RB Left	23.95	/	/	25.30	/	/	<=30	Pass
		Inner 1RB Right	23.63	/	/	24.98	/	/	<=30	Pass
	3470.01	Edge 1RB Left	22.26	/	/	23.61	/	/	<=30	Pass
		Edge 1RB Right	22.18	/	/	23.53	/	/	<=30	Pass
		Outer Full	21.92	/	/	23.27	/	/	<=30	Pass
		Inner Full	21.57	/	/	22.92	/	/	<=30	Pass
		Inner 1RB Left	22.19	/	/	23.54	/	/	<=30	Pass
	3500.01	Inner 1RB Right	22.29	/	/	23.64	/	/	<=30	Pass
		Edge 1RB Left	22.07	/	/	23.42	/	/	<=30	Pass
		Edge 1RB Right	22.12	/	/	23.47	/	/	<=30	Pass
		Outer Full	21.94	/	/	23.29	/	/	<=30	Pass
		Inner Full	21.88	/	/	23.23	/	/	<=30	Pass
	3529.98	Inner 1RB Left	22.05	/	/	23.40	/	/	<=30	Pass
		Inner 1RB Right	22.03	/	/	23.38	/	/	<=30	Pass
		Edge 1RB Left	21.73	/	/	23.08	/	/	<=30	Pass
		Edge 1RB Right	21.46	/	/	22.81	/	/	<=30	Pass
		Outer Full	21.79	/	/	23.14	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Inner Full	21.94	/	/	23.29	/	/	<=30	Pass
		Inner 1RB Left	21.81	/	/	23.16	/	/	<=30	Pass
		Inner 1RB Right	21.54	/	/	22.89	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.42	/	/	24.77	/	/	<=30	Pass
		Edge 1RB Right	23.38	/	/	24.73	/	/	<=30	Pass
		Outer Full	23.36	/	/	24.71	/	/	<=30	Pass
		Inner Full	24.67	/	/	26.02	/	/	<=30	Pass
	3529.98	Inner 1RB Left	25.40	/	/	26.75	/	/	<=30	Pass
		Inner 1RB Right	25.35	/	/	26.70	/	/	<=30	Pass
		Edge 1RB Left	23.14	/	/	24.49	/	/	<=30	Pass
		Edge 1RB Right	23.19	/	/	24.54	/	/	<=30	Pass
		Outer Full	23.49	/	/	24.84	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Inner Full	24.92	/	/	26.27	/	/	<=30	Pass
		Inner 1RB Left	25.19	/	/	26.54	/	/	<=30	Pass
		Inner 1RB Right	25.09	/	/	26.44	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.00	/	/	24.35	/	/	<=30	Pass
		Edge 1RB Right	22.58	/	/	23.93	/	/	<=30	Pass
		Outer Full	23.36	/	/	24.71	/	/	<=30	Pass
		Inner Full	24.97	/	/	26.32	/	/	<=30	Pass
	3529.98	Inner 1RB Left	24.98	/	/	26.33	/	/	<=30	Pass
		Inner 1RB Right	24.64	/	/	25.99	/	/	<=30	Pass
		Edge 1RB Left	23.22	/	/	24.57	/	/	<=30	Pass
		Edge 1RB Right	23.14	/	/	24.49	/	/	<=30	Pass
		Outer Full	23.37	/	/	24.72	/	/	<=30	Pass
	3470.01	Inner Full	24.14	/	/	25.49	/	/	<=30	Pass
		Inner 1RB Left	24.66	/	/	26.01	/	/	<=30	Pass
		Inner 1RB Right	24.70	/	/	26.05	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.91	/	/	24.26	/	/	<=30	Pass
		Edge 1RB Right	22.90	/	/	24.25	/	/	<=30	Pass
		Outer Full	23.45	/	/	24.80	/	/	<=30	Pass
		Inner Full	24.35	/	/	25.70	/	/	<=30	Pass
		Inner 1RB Left	24.37	/	/	25.72	/	/	<=30	Pass
		Inner 1RB Right	24.43	/	/	25.78	/	/	<=30	Pass

	3529.98	Edge_1RB_Left	22.72	/	/	24.07	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	23.71	/	/	<=30	Pass
		Outer_Full	23.31	/	/	24.66	/	/	<=30	Pass
		Inner_Full	24.45	/	/	25.80	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	25.59	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	25.24	/	/	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge_1RB_Left	23.38	/	/	24.73	/	/	<=30	Pass
		Edge_1RB_Right	23.35	/	/	24.70	/	/	<=30	Pass
		Outer_Full	22.98	/	/	24.33	/	/	<=30	Pass
		Inner_Full	22.67	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Right	23.34	/	/	24.69	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.02	/	/	24.37	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	24.42	/	/	<=30	Pass
		Outer_Full	22.90	/	/	24.25	/	/	<=30	Pass
		Inner_Full	22.88	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Left	22.99	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Right	23.12	/	/	24.47	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.91	/	/	24.26	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	23.89	/	/	<=30	Pass
		Outer_Full	22.81	/	/	24.16	/	/	<=30	Pass
		Inner_Full	22.94	/	/	24.29	/	/	<=30	Pass
		Inner_1RB_Left	22.94	/	/	24.29	/	/	<=30	Pass
		Inner_1RB_Right	22.60	/	/	23.95	/	/	<=30	Pass
CP-OFDM 256 QAM	3470.01	Edge_1RB_Left	20.31	/	/	21.66	/	/	<=30	Pass
		Edge_1RB_Right	20.22	/	/	21.57	/	/	<=30	Pass
		Outer_Full	19.94	/	/	21.29	/	/	<=30	Pass
		Inner_Full	19.65	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Left	20.31	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Right	20.34	/	/	21.69	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.04	/	/	21.39	/	/	<=30	Pass
		Edge_1RB_Right	20.05	/	/	21.40	/	/	<=30	Pass
		Outer_Full	19.99	/	/	21.34	/	/	<=30	Pass
		Inner_Full	19.92	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Left	20.08	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Right	20.28	/	/	21.63	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	19.82	/	/	21.17	/	/	<=30	Pass
		Edge_1RB_Right	19.55	/	/	20.90	/	/	<=30	Pass
		Outer_Full	19.93	/	/	21.28	/	/	<=30	Pass
		Inner_Full	19.96	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Left	19.85	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Right	19.54	/	/	20.89	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: 1.35dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30_S_60M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2	3480	Edge_1RB_Left	23.00	/	/	24.35	/	/	<=30	Pass



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BPSK		Edge_1RB_Right	22.46	/	/	23.81	/	/	<=30	Pass
		Outer_Full	25.65	/	/	27.00	/	/	<=30	Pass
		Inner_Full	26.20	/	/	27.55	/	/	<=30	Pass
		Inner_1RB_Left	26.45	/	/	27.80	/	/	<=30	Pass
		Inner_1RB_Right	25.97	/	/	27.32	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.33	/	/	23.68	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	24.02	/	/	<=30	Pass
		Outer_Full	25.64	/	/	26.99	/	/	<=30	Pass
		Inner_Full	26.21	/	/	27.56	/	/	<=30	Pass
		Inner_1RB_Left	25.80	/	/	27.15	/	/	<=30	Pass
	3519.99	Inner_1RB_Right	26.22	/	/	27.57	/	/	<=30	Pass
		Edge_1RB_Left	22.82	/	/	24.17	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	23.53	/	/	<=30	Pass
		Outer_Full	25.68	/	/	27.03	/	/	<=30	Pass
		Inner_Full	26.22	/	/	27.57	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Inner_1RB_Left	26.29	/	/	27.64	/	/	<=30	Pass
		Inner_1RB_Right	25.69	/	/	27.04	/	/	<=30	Pass
		Edge_1RB_Left	22.96	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	23.76	/	/	<=30	Pass
		Outer_Full	25.17	/	/	26.52	/	/	<=30	Pass
	3500.01	Inner_Full	26.17	/	/	27.52	/	/	<=30	Pass
		Inner_1RB_Left	26.43	/	/	27.78	/	/	<=30	Pass
		Inner_1RB_Right	25.92	/	/	27.27	/	/	<=30	Pass
		Edge_1RB_Left	22.28	/	/	23.63	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	24.08	/	/	<=30	Pass
	3519.99	Outer_Full	25.19	/	/	26.54	/	/	<=30	Pass
		Inner_Full	26.19	/	/	27.54	/	/	<=30	Pass
		Inner_1RB_Left	25.85	/	/	27.20	/	/	<=30	Pass
		Inner_1RB_Right	26.13	/	/	27.48	/	/	<=30	Pass
		Edge_1RB_Left	22.83	/	/	24.18	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Edge_1RB_Right	22.20	/	/	23.55	/	/	<=30	Pass
		Outer_Full	25.15	/	/	26.50	/	/	<=30	Pass
		Inner_Full	26.22	/	/	27.57	/	/	<=30	Pass
		Inner_1RB_Left	26.30	/	/	27.65	/	/	<=30	Pass
		Inner_1RB_Right	25.58	/	/	26.93	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.97	/	/	24.32	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	23.71	/	/	<=30	Pass
		Outer_Full	24.21	/	/	25.56	/	/	<=30	Pass
		Inner_Full	25.19	/	/	26.54	/	/	<=30	Pass
		Inner_1RB_Left	25.29	/	/	26.64	/	/	<=30	Pass
	3519.99	Inner_1RB_Right	24.73	/	/	26.08	/	/	<=30	Pass
		Edge_1RB_Left	22.27	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	24.03	/	/	<=30	Pass
		Outer_Full	24.21	/	/	25.56	/	/	<=30	Pass
		Inner_Full	25.23	/	/	26.58	/	/	<=30	Pass
	Inner_1RB_Left	24.70	/	/	26.05	/	/	<=30	Pass	
	Inner_1RB_Right	25.06	/	/	26.41	/	/	<=30	Pass	
	Edge_1RB_Left	22.83	/	/	24.18	/	/	<=30	Pass	
	Edge_1RB_Right	22.09	/	/	23.44	/	/	<=30	Pass	
	Outer_Full	24.19	/	/	25.54	/	/	<=30	Pass	
	Inner_Full	25.23	/	/	26.58	/	/	<=30	Pass	
	Inner_1RB_Left	25.22	/	/	26.57	/	/	<=30	Pass	
	Inner_1RB_Right	24.50	/	/	25.85	/	/	<=30	Pass	

DFT-s-OFDM 64 QAM	3480	Edge_1RB_Left	23.13	/	/	24.48	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	23.75	/	/	<=30	Pass
		Outer_Full	23.63	/	/	24.98	/	/	<=30	Pass
		Inner_Full	23.66	/	/	25.01	/	/	<=30	Pass
		Inner_1RB_Left	24.07	/	/	25.42	/	/	<=30	Pass
		Inner_1RB_Right	23.40	/	/	24.75	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.45	/	/	23.80	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	24.14	/	/	<=30	Pass
		Outer_Full	23.78	/	/	25.13	/	/	<=30	Pass
		Inner_Full	23.79	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Left	23.43	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	25.11	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.95	/	/	24.30	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	23.61	/	/	<=30	Pass
		Outer_Full	23.68	/	/	25.03	/	/	<=30	Pass
		Inner_Full	23.85	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	24.54	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Edge_1RB_Left	22.02	/	/	23.37	/	/	<=30	Pass
		Edge_1RB_Right	21.40	/	/	22.75	/	/	<=30	Pass
		Outer_Full	21.74	/	/	23.09	/	/	<=30	Pass
		Inner_Full	21.66	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Left	21.98	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Right	21.39	/	/	22.74	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.31	/	/	22.66	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	23.05	/	/	<=30	Pass
		Outer_Full	21.69	/	/	23.04	/	/	<=30	Pass
		Inner_Full	21.70	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Left	21.24	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Right	21.64	/	/	22.99	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.71	/	/	23.06	/	/	<=30	Pass
		Edge_1RB_Right	21.08	/	/	22.43	/	/	<=30	Pass
		Outer_Full	21.67	/	/	23.02	/	/	<=30	Pass
		Inner_Full	21.65	/	/	23.00	/	/	<=30	Pass
		Inner_1RB_Left	21.78	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	21.11	/	/	22.46	/	/	<=30	Pass
CP-OFDM QPSK	3480	Edge_1RB_Left	23.07	/	/	24.42	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	23.78	/	/	<=30	Pass
		Outer_Full	23.20	/	/	24.55	/	/	<=30	Pass
		Inner_Full	24.70	/	/	26.05	/	/	<=30	Pass
		Inner_1RB_Left	25.09	/	/	26.44	/	/	<=30	Pass
		Inner_1RB_Right	24.52	/	/	25.87	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.41	/	/	23.76	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	24.14	/	/	<=30	Pass
		Outer_Full	23.17	/	/	24.52	/	/	<=30	Pass
		Inner_Full	24.74	/	/	26.09	/	/	<=30	Pass
		Inner_1RB_Left	24.36	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Right	24.81	/	/	26.16	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.97	/	/	24.32	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	23.60	/	/	<=30	Pass
		Outer_Full	23.20	/	/	24.55	/	/	<=30	Pass
		Inner_Full	24.73	/	/	26.08	/	/	<=30	Pass
		Inner_1RB_Left	24.91	/	/	26.26	/	/	<=30	Pass

CP-OFDM 16 QAM	3480	Inner 1RB Right	24.20	/	/	25.55	/	/	<=30	Pass
		Edge 1RB Left	22.93	/	/	24.28	/	/	<=30	Pass
		Edge 1RB Right	22.32	/	/	23.67	/	/	<=30	Pass
		Outer Full	23.22	/	/	24.57	/	/	<=30	Pass
		Inner Full	24.25	/	/	25.60	/	/	<=30	Pass
		Inner 1RB Left	24.43	/	/	25.78	/	/	<=30	Pass
	3500.01	Inner 1RB Right	23.83	/	/	25.18	/	/	<=30	Pass
		Edge 1RB Left	22.35	/	/	23.70	/	/	<=30	Pass
		Edge 1RB Right	22.67	/	/	24.02	/	/	<=30	Pass
		Outer Full	23.18	/	/	24.53	/	/	<=30	Pass
		Inner Full	24.21	/	/	25.56	/	/	<=30	Pass
		Inner 1RB Left	23.80	/	/	25.15	/	/	<=30	Pass
	3519.99	Inner 1RB Right	24.08	/	/	25.43	/	/	<=30	Pass
		Edge 1RB Left	22.77	/	/	24.12	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	23.46	/	/	<=30	Pass
		Outer Full	23.16	/	/	24.51	/	/	<=30	Pass
		Inner Full	24.25	/	/	25.60	/	/	<=30	Pass
		Inner 1RB Left	24.17	/	/	25.52	/	/	<=30	Pass
CP-OFDM 64 QAM	3480	Inner 1RB Right	23.53	/	/	24.88	/	/	<=30	Pass
		Edge 1RB Left	23.09	/	/	24.44	/	/	<=30	Pass
		Edge 1RB Right	22.49	/	/	23.84	/	/	<=30	Pass
		Outer Full	22.67	/	/	24.02	/	/	<=30	Pass
		Inner Full	22.72	/	/	24.07	/	/	<=30	Pass
		Inner 1RB Left	23.08	/	/	24.43	/	/	<=30	Pass
	3500.01	Inner 1RB Right	22.41	/	/	23.76	/	/	<=30	Pass
		Edge 1RB Left	22.46	/	/	23.81	/	/	<=30	Pass
		Edge 1RB Right	22.80	/	/	24.15	/	/	<=30	Pass
		Outer Full	22.72	/	/	24.07	/	/	<=30	Pass
		Inner Full	22.82	/	/	24.17	/	/	<=30	Pass
		Inner 1RB Left	22.62	/	/	23.97	/	/	<=30	Pass
	3519.99	Inner 1RB Right	22.89	/	/	24.24	/	/	<=30	Pass
		Edge 1RB Left	22.93	/	/	24.28	/	/	<=30	Pass
		Edge 1RB Right	22.22	/	/	23.57	/	/	<=30	Pass
		Outer Full	22.74	/	/	24.09	/	/	<=30	Pass
		Inner Full	22.81	/	/	24.16	/	/	<=30	Pass
		Inner 1RB Left	23.03	/	/	24.38	/	/	<=30	Pass
CP-OFDM 256 QAM	3480	Inner 1RB Right	22.22	/	/	23.57	/	/	<=30	Pass
		Edge 1RB Left	20.02	/	/	21.37	/	/	<=30	Pass
		Edge 1RB Right	19.33	/	/	20.68	/	/	<=30	Pass
		Outer Full	19.61	/	/	20.96	/	/	<=30	Pass
		Inner Full	19.76	/	/	21.11	/	/	<=30	Pass
		Inner 1RB Left	20.12	/	/	21.47	/	/	<=30	Pass
	3500.01	Inner 1RB Right	19.39	/	/	20.74	/	/	<=30	Pass
		Edge 1RB Left	19.30	/	/	20.65	/	/	<=30	Pass
		Edge 1RB Right	19.70	/	/	21.05	/	/	<=30	Pass
		Outer Full	19.76	/	/	21.11	/	/	<=30	Pass
		Inner Full	19.72	/	/	21.07	/	/	<=30	Pass
		Inner 1RB Left	19.42	/	/	20.77	/	/	<=30	Pass
	3519.99	Inner 1RB Right	19.80	/	/	21.15	/	/	<=30	Pass
		Edge 1RB Left	19.91	/	/	21.26	/	/	<=30	Pass
		Edge 1RB Right	19.14	/	/	20.49	/	/	<=30	Pass
		Outer Full	19.69	/	/	21.04	/	/	<=30	Pass
		Inner Full	19.73	/	/	21.08	/	/	<=30	Pass



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		Inner_1RB_Left	19.93	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Right	19.12	/	/	20.47	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: 1.35dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30_S_80M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3490.02	Edge_1RB_Left	22.96	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	24.06	/	/	<=30	Pass
		Outer_Full	25.56	/	/	26.91	/	/	<=30	Pass
		Inner_Full	26.17	/	/	27.52	/	/	<=30	Pass
		Inner_1RB_Left	26.36	/	/	27.71	/	/	<=30	Pass
		Inner_1RB_Right	26.28	/	/	27.63	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.48	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	23.70	/	/	<=30	Pass
		Outer_Full	25.66	/	/	27.01	/	/	<=30	Pass
		Inner_Full	26.24	/	/	27.59	/	/	<=30	Pass
		Inner_1RB_Left	25.92	/	/	27.27	/	/	<=30	Pass
		Inner_1RB_Right	25.77	/	/	27.12	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.21	/	/	23.56	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	23.38	/	/	<=30	Pass
		Outer_Full	25.49	/	/	26.84	/	/	<=30	Pass
		Inner_Full	26.14	/	/	27.49	/	/	<=30	Pass
		Inner_1RB_Left	25.70	/	/	27.05	/	/	<=30	Pass
		Inner_1RB_Right	25.54	/	/	26.89	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Edge_1RB_Left	22.88	/	/	24.23	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	24.02	/	/	<=30	Pass
		Outer_Full	25.13	/	/	26.48	/	/	<=30	Pass
		Inner_Full	26.16	/	/	27.51	/	/	<=30	Pass
		Inner_1RB_Left	26.39	/	/	27.74	/	/	<=30	Pass
		Inner_1RB_Right	26.15	/	/	27.50	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.52	/	/	23.87	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	23.65	/	/	<=30	Pass
		Outer_Full	25.12	/	/	26.47	/	/	<=30	Pass
		Inner_Full	26.20	/	/	27.55	/	/	<=30	Pass
		Inner_1RB_Left	25.74	/	/	27.09	/	/	<=30	Pass
		Inner_1RB_Right	25.70	/	/	27.05	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.21	/	/	23.56	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	23.43	/	/	<=30	Pass
		Outer_Full	25.14	/	/	26.49	/	/	<=30	Pass
		Inner_Full	26.09	/	/	27.44	/	/	<=30	Pass
		Inner_1RB_Left	25.62	/	/	26.97	/	/	<=30	Pass
		Inner_1RB_Right	25.49	/	/	26.84	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Edge_1RB_Left	22.74	/	/	24.09	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	23.97	/	/	<=30	Pass
		Outer_Full	24.13	/	/	25.48	/	/	<=30	Pass
		Inner_Full	25.13	/	/	26.48	/	/	<=30	Pass
		Inner_1RB_Left	25.21	/	/	26.56	/	/	<=30	Pass

	3500.01	Inner 1RB Right	25.12	/	/	26.47	/	/	<=30	Pass
		Edge 1RB Left	22.22	/	/	23.57	/	/	<=30	Pass
		Edge 1RB Right	22.00	/	/	23.35	/	/	<=30	Pass
		Outer Full	24.12	/	/	25.47	/	/	<=30	Pass
		Inner Full	25.10	/	/	26.45	/	/	<=30	Pass
		Inner 1RB Left	24.86	/	/	26.21	/	/	<=30	Pass
		Inner 1RB Right	24.53	/	/	25.88	/	/	<=30	Pass
	3510	Edge 1RB Left	22.13	/	/	23.48	/	/	<=30	Pass
		Edge 1RB Right	21.85	/	/	23.20	/	/	<=30	Pass
		Outer Full	24.05	/	/	25.40	/	/	<=30	Pass
		Inner Full	25.15	/	/	26.50	/	/	<=30	Pass
		Inner 1RB Left	24.63	/	/	25.98	/	/	<=30	Pass
		Inner 1RB Right	24.43	/	/	25.78	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Edge 1RB Left	22.92	/	/	24.27	/	/	<=30	Pass
		Edge 1RB Right	22.62	/	/	23.97	/	/	<=30	Pass
		Outer Full	23.68	/	/	25.03	/	/	<=30	Pass
		Inner Full	23.61	/	/	24.96	/	/	<=30	Pass
		Inner 1RB Left	23.91	/	/	25.26	/	/	<=30	Pass
		Inner 1RB Right	23.76	/	/	25.11	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.46	/	/	23.81	/	/	<=30	Pass
		Edge 1RB Right	22.21	/	/	23.56	/	/	<=30	Pass
		Outer Full	23.60	/	/	24.95	/	/	<=30	Pass
		Inner Full	23.80	/	/	25.15	/	/	<=30	Pass
		Inner 1RB Left	23.49	/	/	24.84	/	/	<=30	Pass
		Inner 1RB Right	23.24	/	/	24.59	/	/	<=30	Pass
	3510	Edge 1RB Left	22.24	/	/	23.59	/	/	<=30	Pass
		Edge 1RB Right	22.05	/	/	23.40	/	/	<=30	Pass
		Outer Full	23.53	/	/	24.88	/	/	<=30	Pass
		Inner Full	23.67	/	/	25.02	/	/	<=30	Pass
		Inner 1RB Left	23.24	/	/	24.59	/	/	<=30	Pass
		Inner 1RB Right	23.01	/	/	24.36	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Edge 1RB Left	21.85	/	/	23.20	/	/	<=30	Pass
		Edge 1RB Right	21.79	/	/	23.14	/	/	<=30	Pass
		Outer Full	21.66	/	/	23.01	/	/	<=30	Pass
		Inner Full	21.66	/	/	23.01	/	/	<=30	Pass
		Inner 1RB Left	21.94	/	/	23.29	/	/	<=30	Pass
		Inner 1RB Right	21.65	/	/	23.00	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.49	/	/	22.84	/	/	<=30	Pass
		Edge 1RB Right	21.16	/	/	22.51	/	/	<=30	Pass
		Outer Full	21.51	/	/	22.86	/	/	<=30	Pass
		Inner Full	21.65	/	/	23.00	/	/	<=30	Pass
		Inner 1RB Left	21.47	/	/	22.82	/	/	<=30	Pass
		Inner 1RB Right	21.18	/	/	22.53	/	/	<=30	Pass
	3510	Edge 1RB Left	21.24	/	/	22.59	/	/	<=30	Pass
		Edge 1RB Right	20.92	/	/	22.27	/	/	<=30	Pass
		Outer Full	21.53	/	/	22.88	/	/	<=30	Pass
		Inner Full	21.66	/	/	23.01	/	/	<=30	Pass
		Inner 1RB Left	21.30	/	/	22.65	/	/	<=30	Pass
		Inner 1RB Right	21.00	/	/	22.35	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Edge 1RB Left	23.04	/	/	24.39	/	/	<=30	Pass
		Edge 1RB Right	22.81	/	/	24.16	/	/	<=30	Pass
		Outer Full	23.17	/	/	24.52	/	/	<=30	Pass
		Inner Full	24.64	/	/	25.99	/	/	<=30	Pass

	3500.01	Inner 1RB Left	24.96	/	/	26.31	/	/	<=30	Pass
		Inner 1RB Right	24.76	/	/	26.11	/	/	<=30	Pass
		Edge 1RB Left	22.53	/	/	23.88	/	/	<=30	Pass
		Edge 1RB Right	22.47	/	/	23.82	/	/	<=30	Pass
		Outer Full	23.14	/	/	24.49	/	/	<=30	Pass
		Inner Full	24.57	/	/	25.92	/	/	<=30	Pass
		Inner 1RB Left	24.61	/	/	25.96	/	/	<=30	Pass
		Inner 1RB Right	24.34	/	/	25.69	/	/	<=30	Pass
		Edge 1RB Left	22.29	/	/	23.64	/	/	<=30	Pass
		Edge 1RB Right	22.05	/	/	23.40	/	/	<=30	Pass
		Outer Full	23.02	/	/	24.37	/	/	<=30	Pass
		Inner Full	24.61	/	/	25.96	/	/	<=30	Pass
		Inner 1RB Left	24.35	/	/	25.70	/	/	<=30	Pass
		Inner 1RB Right	24.16	/	/	25.51	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Edge 1RB Left	22.80	/	/	24.15	/	/	<=30	Pass
		Edge 1RB Right	22.59	/	/	23.94	/	/	<=30	Pass
		Outer Full	23.16	/	/	24.51	/	/	<=30	Pass
		Inner Full	24.16	/	/	25.51	/	/	<=30	Pass
		Inner 1RB Left	24.20	/	/	25.55	/	/	<=30	Pass
		Inner 1RB Right	24.13	/	/	25.48	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.27	/	/	23.62	/	/	<=30	Pass
		Edge 1RB Right	22.04	/	/	23.39	/	/	<=30	Pass
		Outer Full	23.18	/	/	24.53	/	/	<=30	Pass
		Inner Full	24.14	/	/	25.49	/	/	<=30	Pass
		Inner 1RB Left	23.78	/	/	25.13	/	/	<=30	Pass
		Inner 1RB Right	23.55	/	/	24.90	/	/	<=30	Pass
	3510	Edge 1RB Left	22.08	/	/	23.43	/	/	<=30	Pass
		Edge 1RB Right	21.89	/	/	23.24	/	/	<=30	Pass
		Outer Full	23.06	/	/	24.41	/	/	<=30	Pass
		Inner Full	24.15	/	/	25.50	/	/	<=30	Pass
		Inner 1RB Left	23.63	/	/	24.98	/	/	<=30	Pass
		Inner 1RB Right	23.44	/	/	24.79	/	/	<=30	Pass
CP-OFDM 64 QAM	3490.02	Edge 1RB Left	22.93	/	/	24.28	/	/	<=30	Pass
		Edge 1RB Right	22.72	/	/	24.07	/	/	<=30	Pass
		Outer Full	22.68	/	/	24.03	/	/	<=30	Pass
		Inner Full	22.61	/	/	23.96	/	/	<=30	Pass
		Inner 1RB Left	22.93	/	/	24.28	/	/	<=30	Pass
		Inner 1RB Right	22.78	/	/	24.13	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.56	/	/	23.91	/	/	<=30	Pass
		Edge 1RB Right	22.12	/	/	23.47	/	/	<=30	Pass
		Outer Full	22.71	/	/	24.06	/	/	<=30	Pass
		Inner Full	22.59	/	/	23.94	/	/	<=30	Pass
		Inner 1RB Left	22.55	/	/	23.90	/	/	<=30	Pass
		Inner 1RB Right	22.21	/	/	23.56	/	/	<=30	Pass
	3510	Edge 1RB Left	22.26	/	/	23.61	/	/	<=30	Pass
		Edge 1RB Right	21.97	/	/	23.32	/	/	<=30	Pass
		Outer Full	22.59	/	/	23.94	/	/	<=30	Pass
		Inner Full	22.59	/	/	23.94	/	/	<=30	Pass
		Inner 1RB Left	22.15	/	/	23.50	/	/	<=30	Pass
		Inner 1RB Right	21.98	/	/	23.33	/	/	<=30	Pass
CP-OFDM 256 QAM	3490.02	Edge 1RB Left	19.98	/	/	21.33	/	/	<=30	Pass
		Edge 1RB Right	19.69	/	/	21.04	/	/	<=30	Pass
		Outer Full	19.57	/	/	20.92	/	/	<=30	Pass

		Inner Full	19.65	/	/	21.00	/	/	<=30	Pass
		Inner 1RB Left	19.99	/	/	21.34	/	/	<=30	Pass
		Inner 1RB Right	19.77	/	/	21.12	/	/	<=30	Pass
	3500.01	Edge 1RB Left	19.52	/	/	20.87	/	/	<=30	Pass
		Edge 1RB Right	19.21	/	/	20.56	/	/	<=30	Pass
		Outer Full	19.73	/	/	21.08	/	/	<=30	Pass
		Inner Full	19.74	/	/	21.09	/	/	<=30	Pass
		Inner 1RB Left	19.38	/	/	20.73	/	/	<=30	Pass
		Inner 1RB Right	19.24	/	/	20.59	/	/	<=30	Pass
	3510	Edge 1RB Left	19.29	/	/	20.64	/	/	<=30	Pass
		Edge 1RB Right	18.92	/	/	20.27	/	/	<=30	Pass
		Outer Full	19.56	/	/	20.91	/	/	<=30	Pass
		Inner Full	19.73	/	/	21.08	/	/	<=30	Pass
		Inner 1RB Left	19.29	/	/	20.64	/	/	<=30	Pass
		Inner 1RB Right	19.08	/	/	20.43	/	/	<=30	Pass

Note1: Antenna Gain: Ant6: 1.35dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.6 30_S_100M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge 1RB Left	22.94	/	/	24.29	/	/	<=30	Pass
		Edge 1RB Right	22.14	/	/	23.49	/	/	<=30	Pass
		Outer Full	25.58	/	/	26.93	/	/	<=30	Pass
		Inner Full	26.25	/	/	27.60	/	/	<=30	Pass
		Inner 1RB Left	26.44	/	/	27.79	/	/	<=30	Pass
		Inner 1RB Right	25.56	/	/	26.91	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge 1RB Left	22.88	/	/	24.23	/	/	<=30	Pass
		Edge 1RB Right	22.06	/	/	23.41	/	/	<=30	Pass
		Outer Full	25.01	/	/	26.36	/	/	<=30	Pass
		Inner Full	26.16	/	/	27.51	/	/	<=30	Pass
		Inner 1RB Left	26.41	/	/	27.76	/	/	<=30	Pass
		Inner 1RB Right	25.66	/	/	27.01	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge 1RB Left	22.76	/	/	24.11	/	/	<=30	Pass
		Edge 1RB Right	21.99	/	/	23.34	/	/	<=30	Pass
		Outer Full	24.05	/	/	25.40	/	/	<=30	Pass
		Inner Full	25.22	/	/	26.57	/	/	<=30	Pass
		Inner 1RB Left	25.18	/	/	26.53	/	/	<=30	Pass
		Inner 1RB Right	24.41	/	/	25.76	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge 1RB Left	22.91	/	/	24.26	/	/	<=30	Pass
		Edge 1RB Right	22.15	/	/	23.50	/	/	<=30	Pass
		Outer Full	23.59	/	/	24.94	/	/	<=30	Pass
		Inner Full	23.64	/	/	24.99	/	/	<=30	Pass
		Inner 1RB Left	23.93	/	/	25.28	/	/	<=30	Pass
		Inner 1RB Right	23.14	/	/	24.49	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge 1RB Left	21.97	/	/	23.32	/	/	<=30	Pass
		Edge 1RB Right	21.08	/	/	22.43	/	/	<=30	Pass
		Outer Full	21.54	/	/	22.89	/	/	<=30	Pass
		Inner Full	21.71	/	/	23.06	/	/	<=30	Pass

		Inner_1RB_Left	21.97	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Right	21.04	/	/	22.39	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	23.00	/	/	24.35	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	23.66	/	/	<=30	Pass
		Outer_Full	22.98	/	/	24.33	/	/	<=30	Pass
		Inner_Full	24.64	/	/	25.99	/	/	<=30	Pass
		Inner_1RB_Left	25.09	/	/	26.44	/	/	<=30	Pass
		Inner_1RB_Right	24.32	/	/	25.67	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	22.82	/	/	24.17	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	23.37	/	/	<=30	Pass
		Outer_Full	23.06	/	/	24.41	/	/	<=30	Pass
		Inner_Full	24.14	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Left	24.30	/	/	25.65	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	24.83	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	22.92	/	/	24.27	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	23.61	/	/	<=30	Pass
		Outer_Full	22.56	/	/	23.91	/	/	<=30	Pass
		Inner_Full	22.67	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Left	22.95	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Right	22.15	/	/	23.50	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	19.92	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	19.21	/	/	20.56	/	/	<=30	Pass
		Outer_Full	19.58	/	/	20.93	/	/	<=30	Pass
		Inner_Full	19.70	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Left	20.03	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Right	19.23	/	/	20.58	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: 1.35dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30_S_100M

5G NR n77d 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 QPSK	3500.01	Outer_Full	20	LV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
				HV	9.60	0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	8.70	0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	5.90	0.0017	>=-2.5 & <=2.5	Pass
			0	NV	3.70	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	8.20	0.0023	>=-2.5 & <=2.5	Pass
			50	NV	3.50	0.0010	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_S_20M_NTNV

5G NR n77d 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	3500.01	Outer_Full	17.83	19.02	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	17.86	19.38	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	17.91	19.43	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	17.90	19.62	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	17.80	19.40	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	18.27	19.95	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	18.28	19.86	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	18.24	19.68	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	18.22	19.99	/	Pass

3.1.2 30_S_30M_NTNV

5G NR n77d 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	3500.01	Outer_Full	26.83	28.59	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	26.84	29.75	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	26.88	28.38	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	26.80	28.61	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	26.86	28.59	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	27.89	29.41	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	27.89	29.63	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	27.86	29.47	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	27.91	29.45	/	Pass

3.1.3 30_S_40M_NTNV

5G NR n77d 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	3500.01	Outer_Full	36.00	38.44	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	35.98	38.79	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	36.08	39.06	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	35.97	38.77	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	36.09	39.71	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	38.23	40.81	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	38.18	40.99	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	38.16	40.70	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	38.19	41.83	/	Pass

3.1.4 30_S_60M_NTNV

5G NR n77d 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	3500.01	Outer_Full	57.96	60.62	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	57.97	60.93	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	57.96	60.82	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	58.01	60.90	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	57.94	60.86	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	57.91	60.91	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	57.79	60.71	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	57.96	60.75	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	57.94	60.86	/	Pass

3.1.5 30_S_80M_NTNV

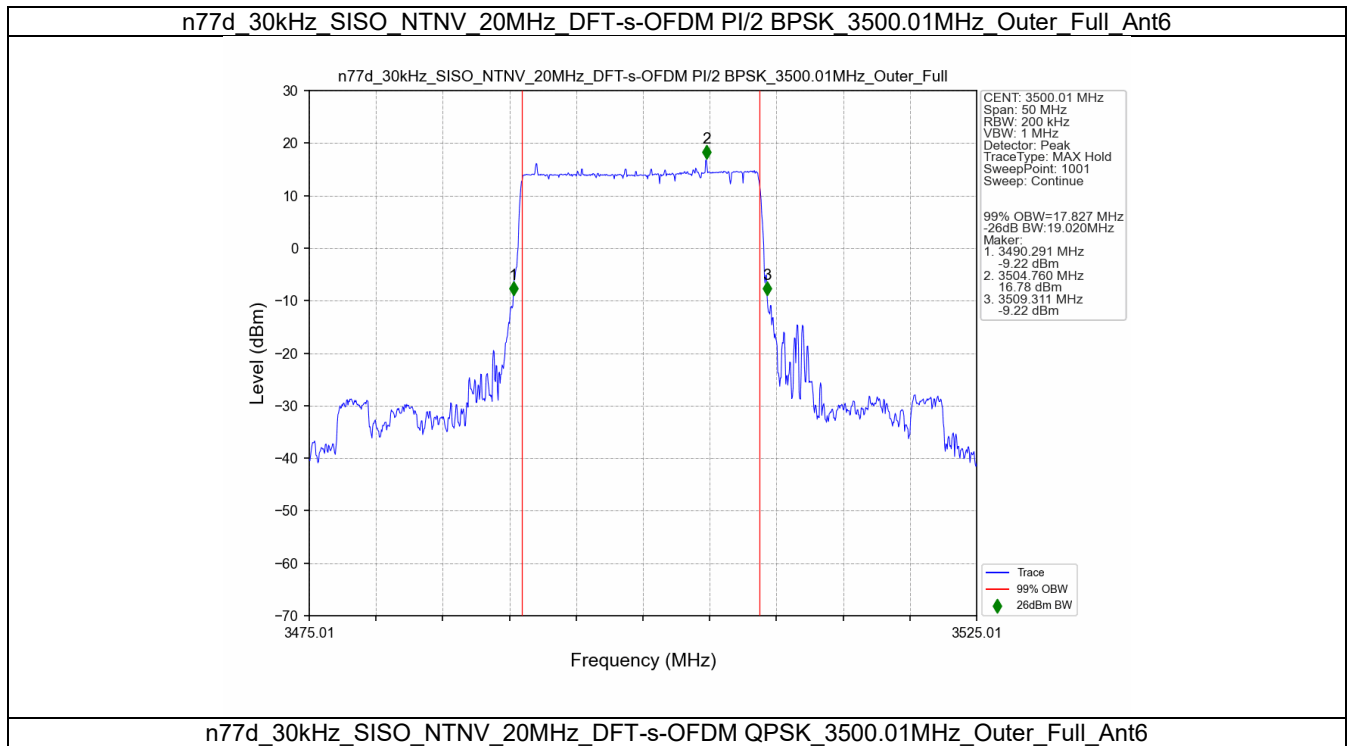
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Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	77.06	79.76	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	76.53	80.04	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	77.22	79.82	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	77.23	79.61	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	77.17	79.89	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	77.45	80.17	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	77.25	80.30	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	77.31	80.29	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	77.15	80.20	/	Pass

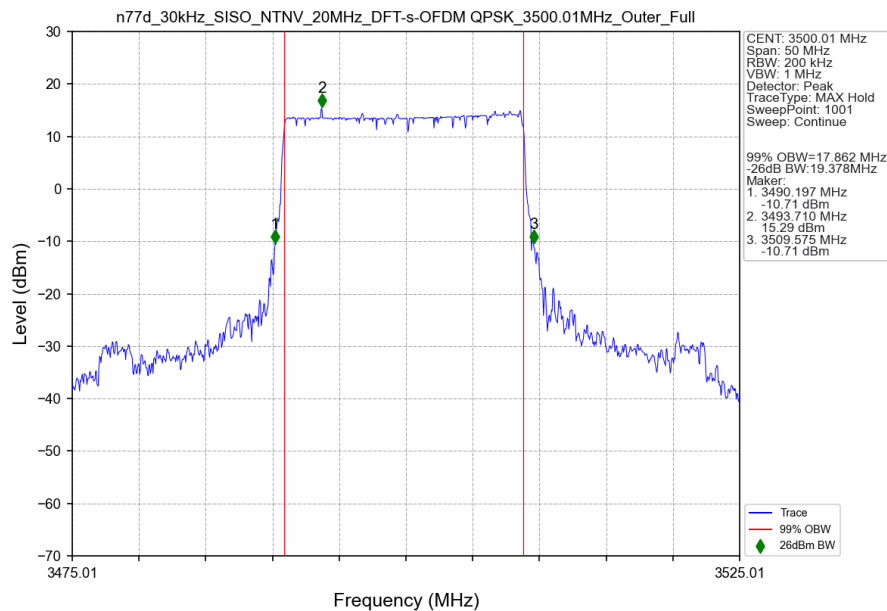
3.1.6 30_S_100M_NTNV

5G NR n77d 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	3500.01	Outer_Full	96.36	99.49	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	95.81	99.73	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	95.72	99.34	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	96.44	99.74	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	96.48	99.46	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	97.17	100.66	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	97.19	100.35	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	97.26	100.46	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	97.27	100.50	/	Pass

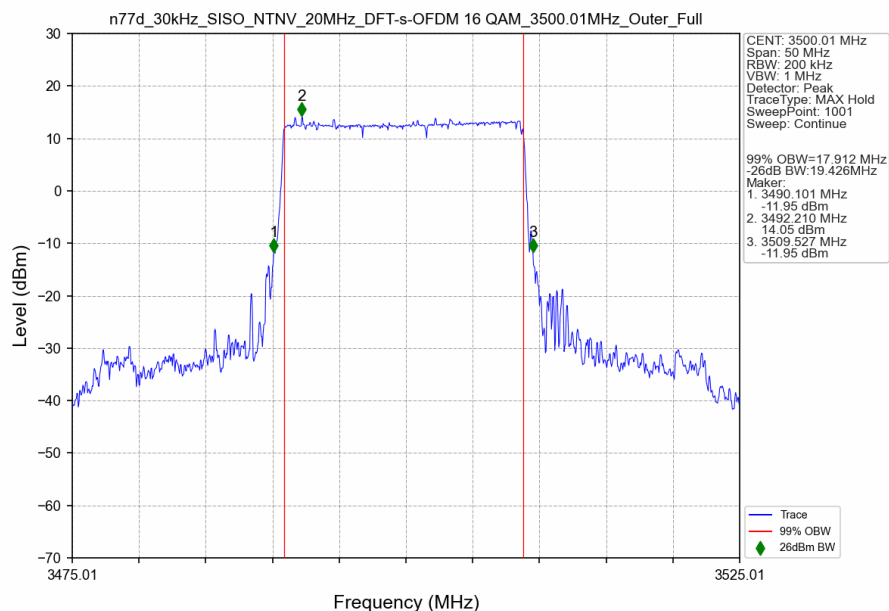
3.2 Test Graph

3.2.1 30_S_20M_NTNV

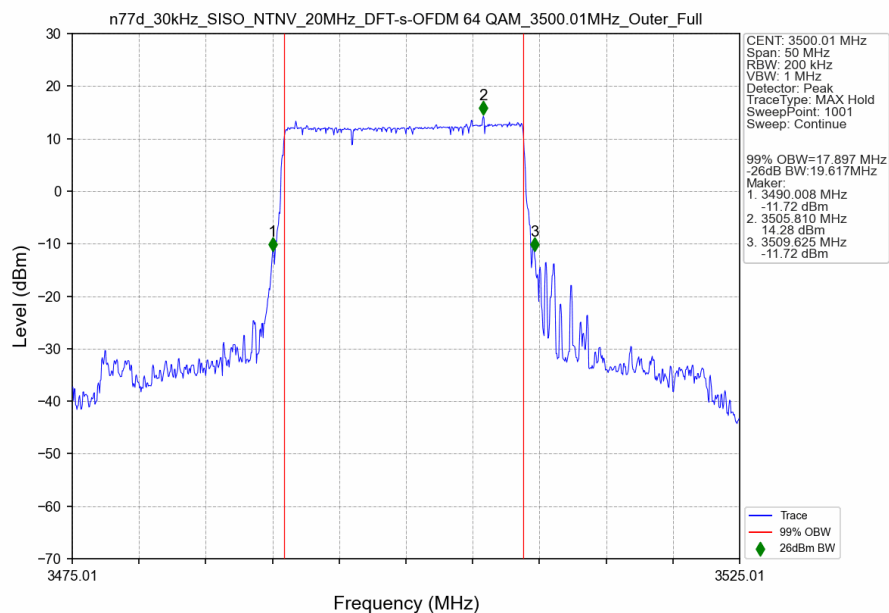




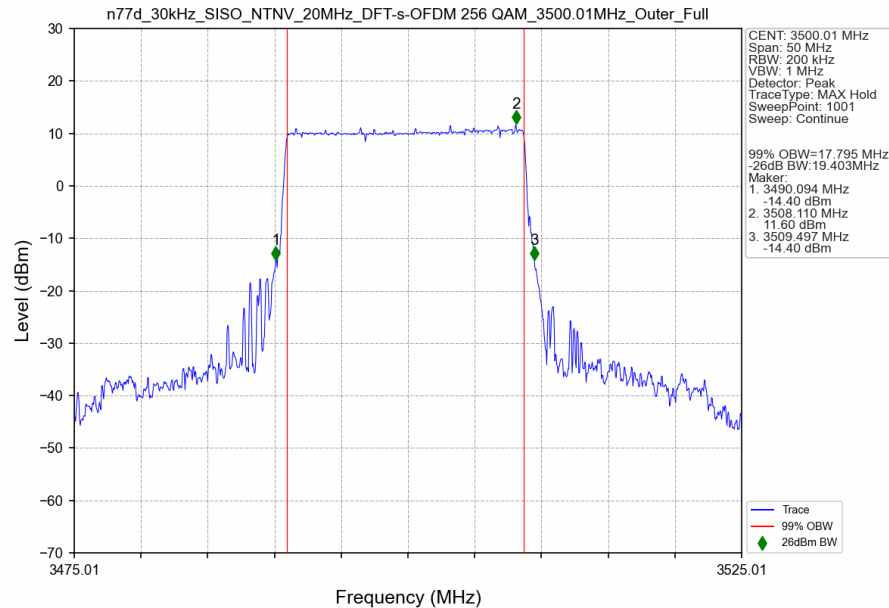
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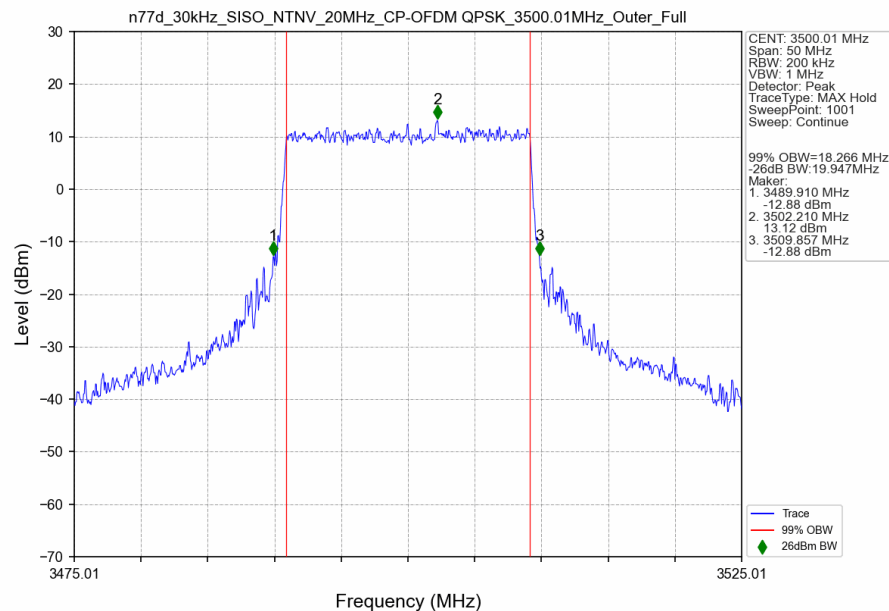
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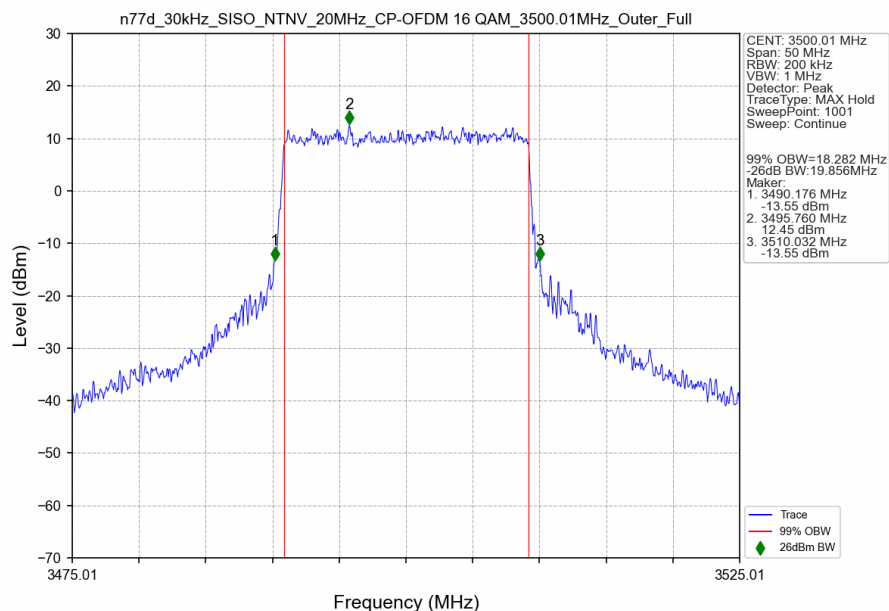
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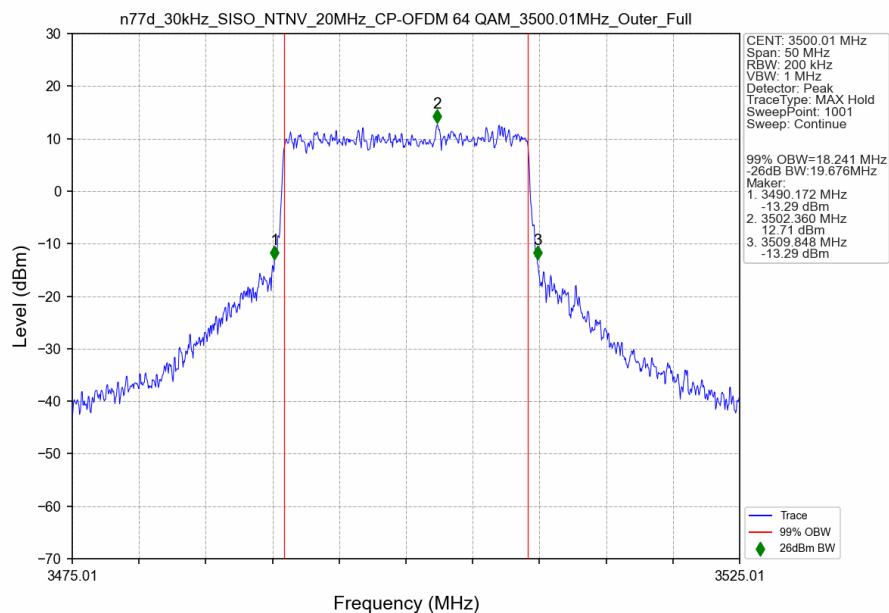
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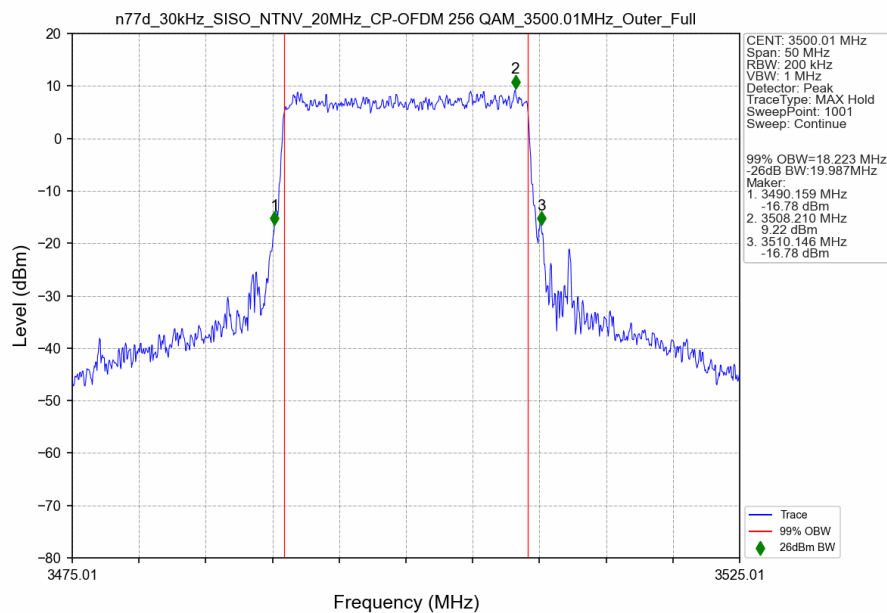
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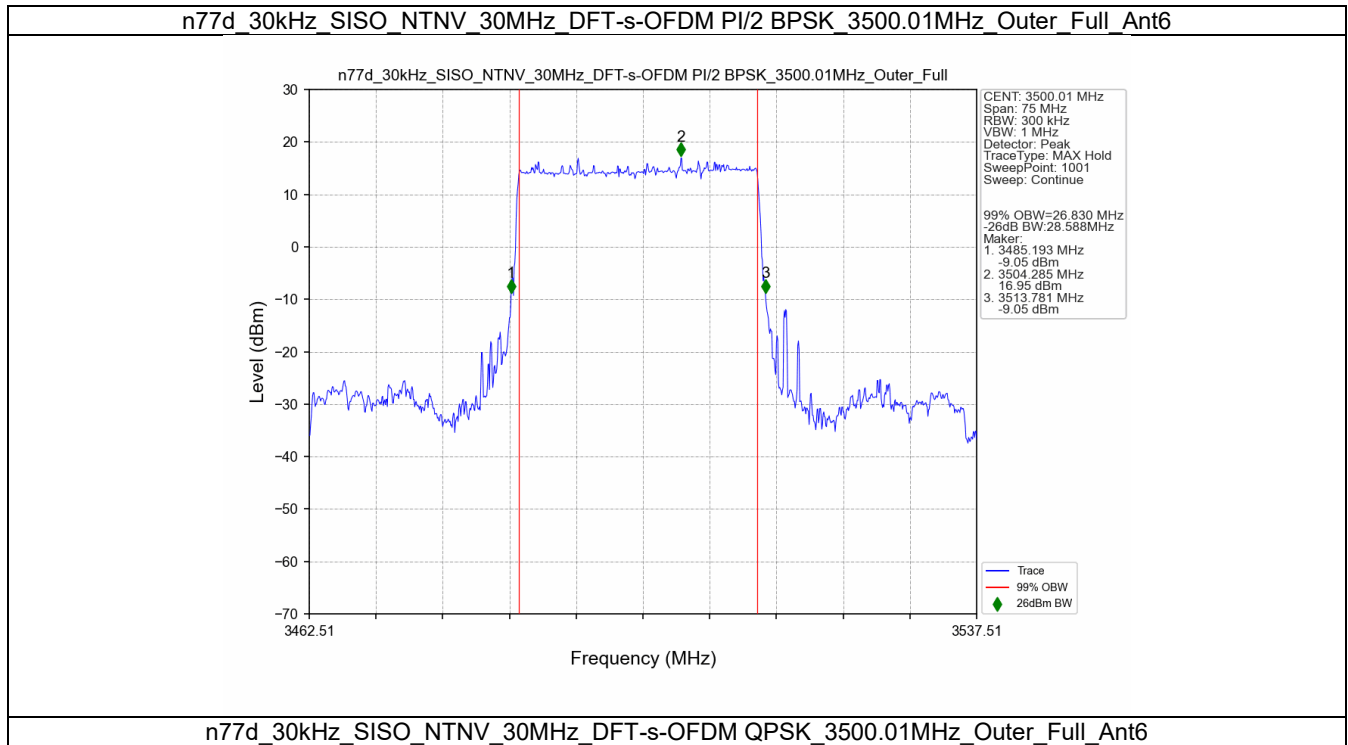
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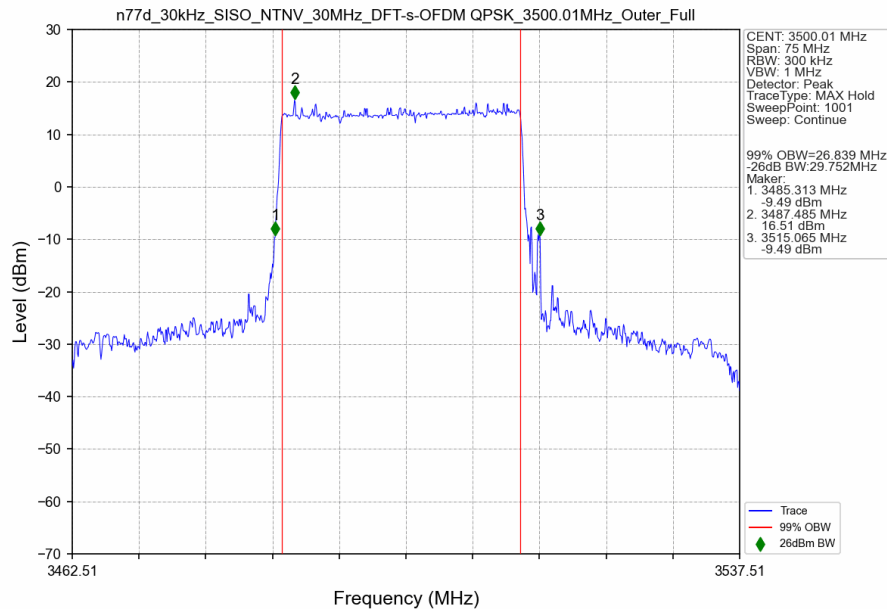


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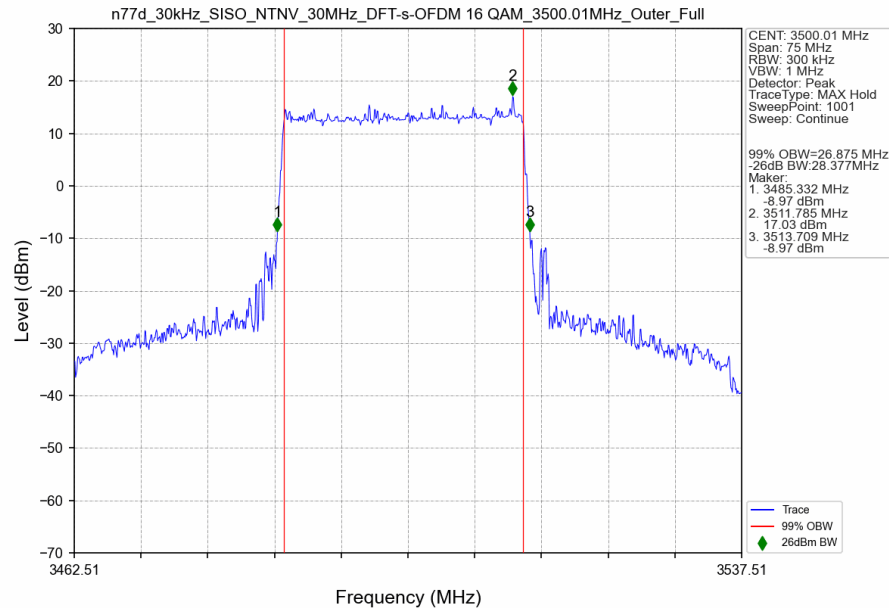


3.2.2 30_S_30M_NTNV

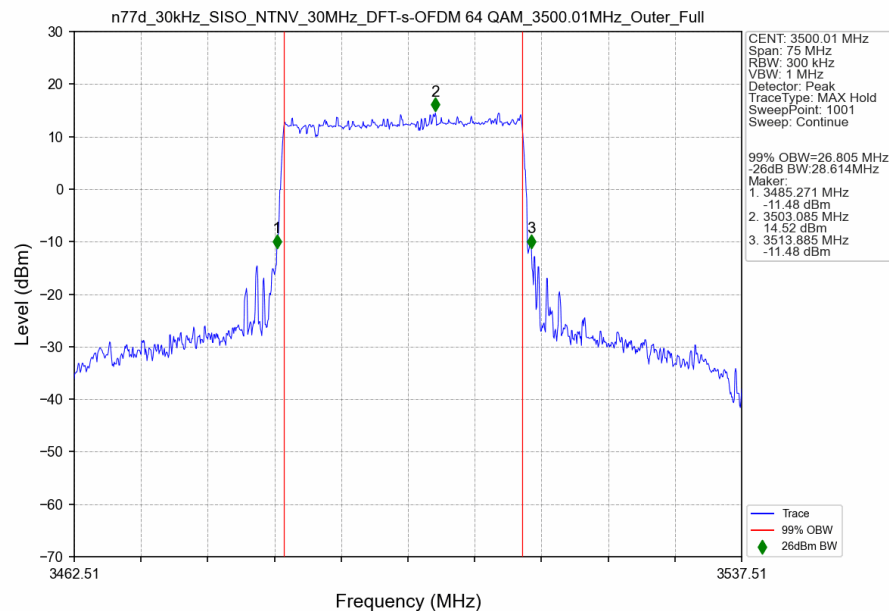




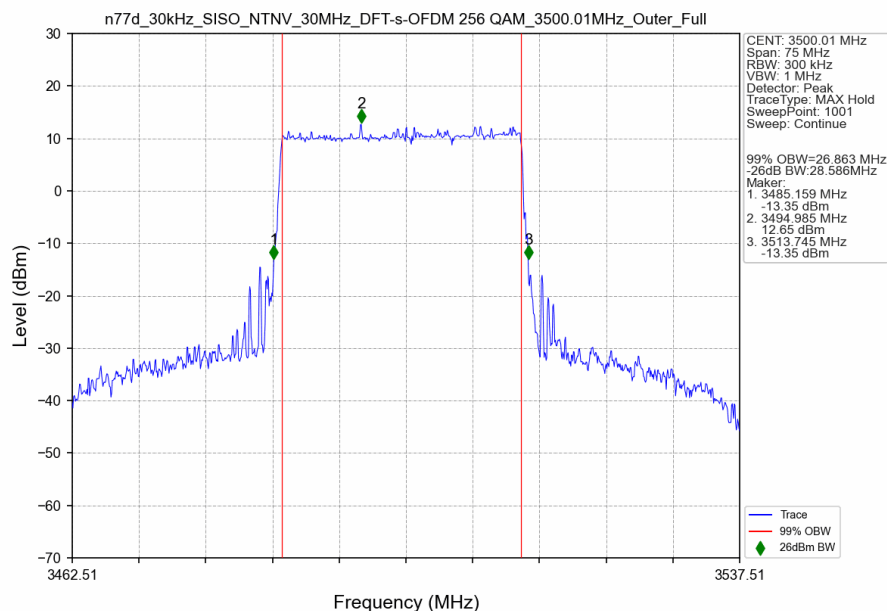
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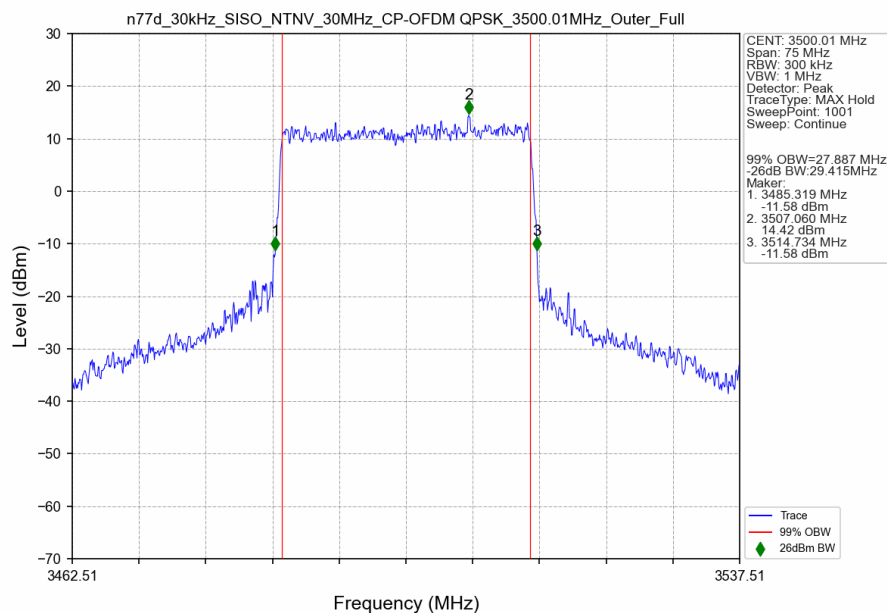
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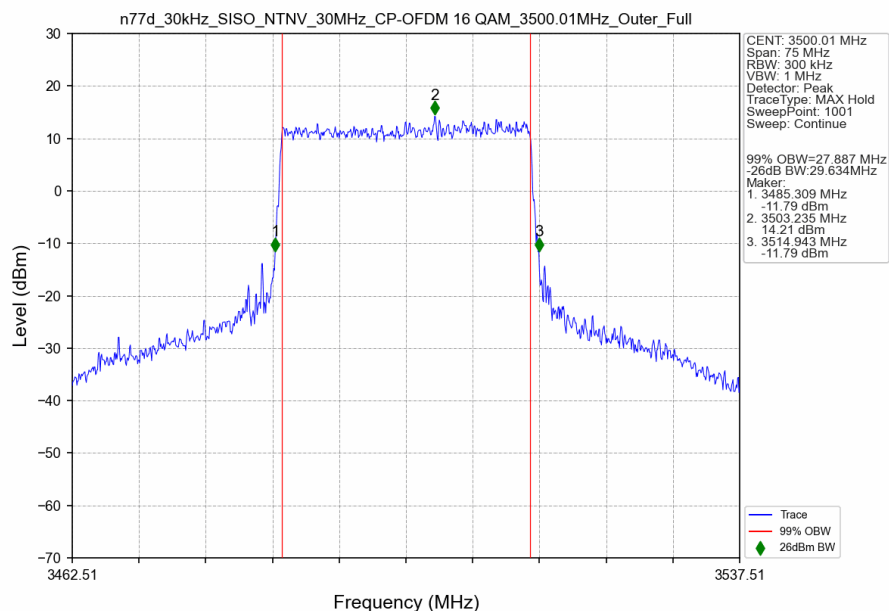
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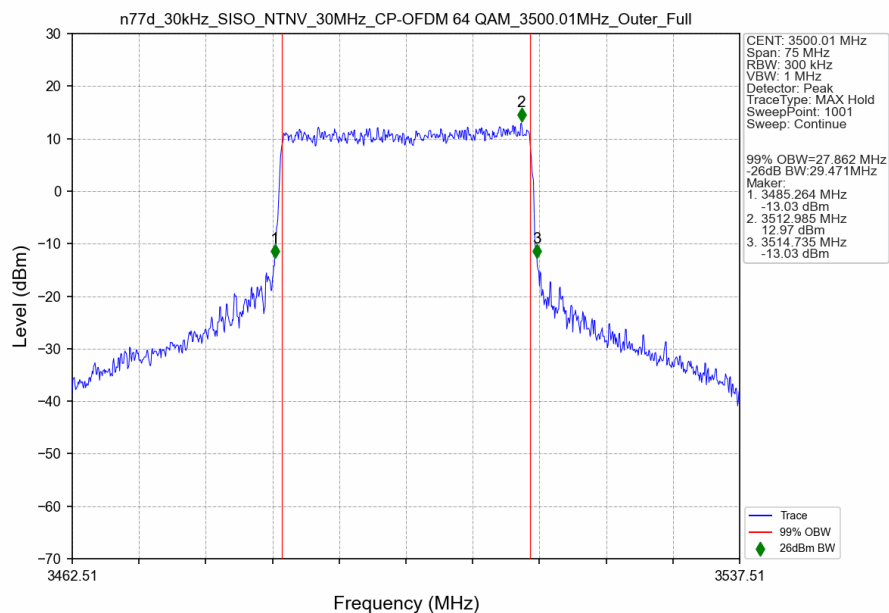
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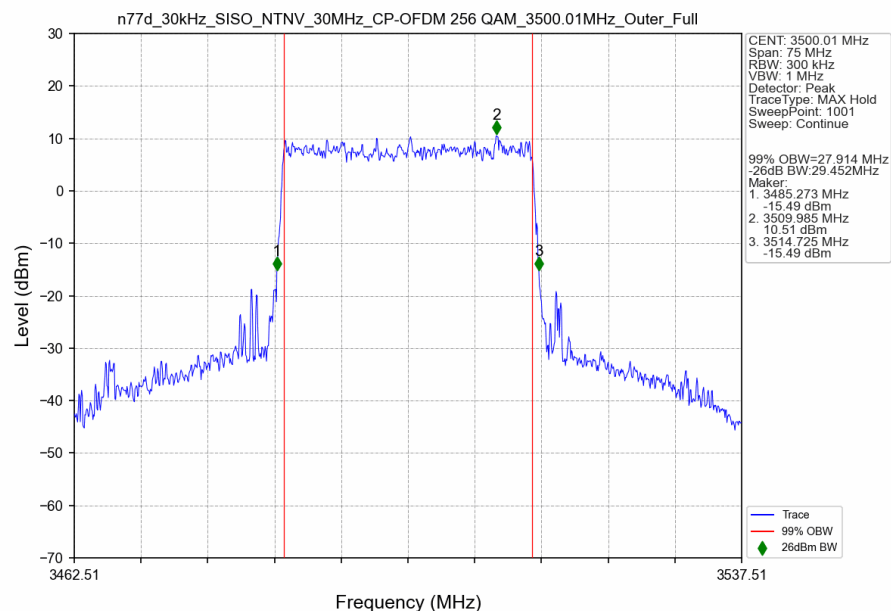
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n77d_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full_Ant6



n77d_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full_Ant6



3.2.3 30_S_40M_NTNV

