

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_10M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3455.01	Edge_1RB_Left	22.43	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	20.01	/	/	<=30	Pass
		Outer_Full	25.54	/	/	23.04	/	/	<=30	Pass
		Inner_Full	26.06	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	25.95	/	/	23.45	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.41	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	19.92	/	/	<=30	Pass
		Outer_Full	25.38	/	/	22.88	/	/	<=30	Pass
		Inner_Full	25.84	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	25.93	/	/	23.43	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.16	/	/	19.66	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	19.69	/	/	<=30	Pass
		Outer_Full	25.12	/	/	22.62	/	/	<=30	Pass
		Inner_Full	25.71	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Left	25.66	/	/	23.16	/	/	<=30	Pass
DFT-s-OFDM QPSK	3455.01	Edge_1RB_Left	22.53	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	20.11	/	/	<=30	Pass
		Outer_Full	24.98	/	/	22.48	/	/	<=30	Pass
		Inner_Full	25.98	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Right	25.99	/	/	23.49	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.50	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	19.97	/	/	<=30	Pass
		Outer_Full	24.96	/	/	22.46	/	/	<=30	Pass
		Inner_Full	25.88	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	25.89	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Right	25.87	/	/	23.37	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.31	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	19.79	/	/	<=30	Pass
		Outer_Full	24.74	/	/	22.24	/	/	<=30	Pass
		Inner_Full	25.69	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	25.66	/	/	23.16	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3455.01	Inner_1RB_Right	25.75	/	/	23.25	/	/	<=30	Pass
		Edge_1RB_Left	22.34	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	19.78	/	/	<=30	Pass
		Outer_Full	24.11	/	/	21.61	/	/	<=30	Pass
		Inner_Full	24.97	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	22.27	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	24.84	/	/	22.34	/	/	<=30	Pass
		Edge_1RB_Left	22.21	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	19.82	/	/	<=30	Pass
		Outer_Full	23.88	/	/	21.38	/	/	<=30	Pass
		Inner_Full	24.86	/	/	22.36	/	/	<=30	Pass
	3544.98	Inner_1RB_Left	24.66	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Right	24.75	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Left	22.16	/	/	19.66	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	19.53	/	/	<=30	Pass
		Outer_Full	23.50	/	/	21.00	/	/	<=30	Pass
		Inner_Full	24.71	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Left	24.53	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Right	24.52	/	/	22.02	/	/	<=30	Pass

DFT-s-OFDM 64 QAM	3455.01	Edge_1RB_Left	22.55	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	20.08	/	/	<=30	Pass
		Outer_Full	23.53	/	/	21.03	/	/	<=30	Pass
		Inner_Full	23.52	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Left	23.36	/	/	20.86	/	/	<=30	Pass
		Inner_1RB_Right	23.50	/	/	21.00	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.33	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	19.97	/	/	<=30	Pass
		Outer_Full	23.45	/	/	20.95	/	/	<=30	Pass
		Inner_Full	23.44	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Left	23.42	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	20.95	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.13	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	19.66	/	/	<=30	Pass
		Outer_Full	23.26	/	/	20.76	/	/	<=30	Pass
		Inner_Full	23.27	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Right	23.22	/	/	20.72	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3455.01	Edge_1RB_Left	21.47	/	/	18.97	/	/	<=30	Pass
		Edge_1RB_Right	21.55	/	/	19.05	/	/	<=30	Pass
		Outer_Full	21.42	/	/	18.92	/	/	<=30	Pass
		Inner_Full	21.26	/	/	18.76	/	/	<=30	Pass
		Inner_1RB_Left	21.47	/	/	18.97	/	/	<=30	Pass
		Inner_1RB_Right	21.52	/	/	19.02	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.41	/	/	18.91	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	19.01	/	/	<=30	Pass
		Outer_Full	21.43	/	/	18.93	/	/	<=30	Pass
		Inner_Full	21.27	/	/	18.77	/	/	<=30	Pass
		Inner_1RB_Left	21.49	/	/	18.99	/	/	<=30	Pass
		Inner_1RB_Right	21.50	/	/	19.00	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	21.27	/	/	18.77	/	/	<=30	Pass
		Edge_1RB_Right	21.33	/	/	18.83	/	/	<=30	Pass
		Outer_Full	21.29	/	/	18.79	/	/	<=30	Pass
		Inner_Full	21.10	/	/	18.60	/	/	<=30	Pass
		Inner_1RB_Left	21.29	/	/	18.79	/	/	<=30	Pass
		Inner_1RB_Right	21.31	/	/	18.81	/	/	<=30	Pass
CP-OFDM QPSK	3455.01	Edge_1RB_Left	22.56	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	20.03	/	/	<=30	Pass
		Outer_Full	23.03	/	/	20.53	/	/	<=30	Pass
		Inner_Full	24.47	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Left	24.50	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Right	24.65	/	/	22.15	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.49	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	19.99	/	/	<=30	Pass
		Outer_Full	22.83	/	/	20.33	/	/	<=30	Pass
		Inner_Full	24.43	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Left	24.23	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Right	24.40	/	/	21.90	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.33	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	19.90	/	/	<=30	Pass
		Outer_Full	22.76	/	/	20.26	/	/	<=30	Pass
		Inner_Full	24.24	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Left	24.29	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Right	24.38	/	/	21.88	/	/	<=30	Pass
CP-OFDM 16 QAM	3455.01	Edge_1RB_Left	22.22	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	19.87	/	/	<=30	Pass
		Outer_Full	22.96	/	/	20.46	/	/	<=30	Pass
		Inner_Full	23.92	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Right	23.92	/	/	21.42	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.12	/	/	19.62	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	19.84	/	/	<=30	Pass
		Outer_Full	22.86	/	/	20.36	/	/	<=30	Pass
		Inner_Full	23.86	/	/	21.36	/	/	<=30	Pass

		Inner_1RB_Left	23.76	/	/	21.26	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	21.36	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.09	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	19.59	/	/	<=30	Pass
		Outer_Full	22.48	/	/	19.98	/	/	<=30	Pass
		Inner_Full	23.69	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Right	23.56	/	/	21.06	/	/	<=30	Pass
CP-OFDM 64 QAM	3455.01	Edge_1RB_Left	22.48	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	20.10	/	/	<=30	Pass
		Outer_Full	22.47	/	/	19.97	/	/	<=30	Pass
		Inner_Full	22.59	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Left	22.54	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Right	22.62	/	/	20.12	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.49	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	19.98	/	/	<=30	Pass
		Outer_Full	22.39	/	/	19.89	/	/	<=30	Pass
		Inner_Full	22.56	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	22.45	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	19.99	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.28	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	19.82	/	/	<=30	Pass
		Outer_Full	22.21	/	/	19.71	/	/	<=30	Pass
		Inner_Full	22.34	/	/	19.84	/	/	<=30	Pass
		Inner_1RB_Left	22.18	/	/	19.68	/	/	<=30	Pass
		Inner_1RB_Right	22.29	/	/	19.79	/	/	<=30	Pass
CP-OFDM 256 QAM	3455.01	Edge_1RB_Left	19.44	/	/	16.94	/	/	<=30	Pass
		Edge_1RB_Right	19.55	/	/	17.05	/	/	<=30	Pass
		Outer_Full	19.44	/	/	16.94	/	/	<=30	Pass
		Inner_Full	19.23	/	/	16.73	/	/	<=30	Pass
		Inner_1RB_Left	19.49	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Right	19.51	/	/	17.01	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.46	/	/	16.96	/	/	<=30	Pass
		Edge_1RB_Right	19.59	/	/	17.09	/	/	<=30	Pass
		Outer_Full	19.36	/	/	16.86	/	/	<=30	Pass
		Inner_Full	19.21	/	/	16.71	/	/	<=30	Pass
		Inner_1RB_Left	19.43	/	/	16.93	/	/	<=30	Pass
		Inner_1RB_Right	19.48	/	/	16.98	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	19.36	/	/	16.86	/	/	<=30	Pass
		Edge_1RB_Right	19.25	/	/	16.75	/	/	<=30	Pass
		Outer_Full	19.23	/	/	16.73	/	/	<=30	Pass
		Inner_Full	19.14	/	/	16.64	/	/	<=30	Pass
		Inner_1RB_Left	19.32	/	/	16.82	/	/	<=30	Pass
		Inner_1RB_Right	19.35	/	/	16.85	/	/	<=30	Pass
Note1: Antenna Gain: Ant8: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30_S_15M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3457.5	Edge_1RB_Left	22.31	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	19.88	/	/	<=30	Pass
		Outer_Full	25.43	/	/	22.93	/	/	<=30	Pass
		Inner_Full	25.93	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Left	25.75	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	25.78	/	/	23.28	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.26	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	19.79	/	/	<=30	Pass
		Outer_Full	25.37	/	/	22.87	/	/	<=30	Pass
		Inner_Full	25.90	/	/	23.40	/	/	<=30	Pass

		Inner_1RB_Left	25.69	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Right	25.77	/	/	23.27	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.11	/	/	19.61	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	19.61	/	/	<=30	Pass
		Outer_Full	25.18	/	/	22.68	/	/	<=30	Pass
		Inner_Full	25.73	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Left	25.58	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Right	25.58	/	/	23.08	/	/	<=30	Pass
DFT-s-OFDM QPSK	3457.5	Edge_1RB_Left	22.55	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	20.08	/	/	<=30	Pass
		Outer_Full	25.05	/	/	22.55	/	/	<=30	Pass
		Inner_Full	26.00	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Left	25.87	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Right	26.15	/	/	23.65	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.51	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	19.99	/	/	<=30	Pass
		Outer_Full	24.99	/	/	22.49	/	/	<=30	Pass
		Inner_Full	25.91	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Left	26.06	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Right	25.87	/	/	23.37	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.32	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	19.84	/	/	<=30	Pass
		Outer_Full	24.79	/	/	22.29	/	/	<=30	Pass
		Inner_Full	25.79	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	25.86	/	/	23.36	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3457.5	Edge_1RB_Left	22.34	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	19.84	/	/	<=30	Pass
		Outer_Full	23.96	/	/	21.46	/	/	<=30	Pass
		Inner_Full	25.03	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Right	24.77	/	/	22.27	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.23	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	19.77	/	/	<=30	Pass
		Outer_Full	23.89	/	/	21.39	/	/	<=30	Pass
		Inner_Full	24.88	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Right	24.71	/	/	22.21	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.07	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	19.55	/	/	<=30	Pass
		Outer_Full	23.71	/	/	21.21	/	/	<=30	Pass
		Inner_Full	24.78	/	/	22.28	/	/	<=30	Pass
		Inner_1RB_Left	24.52	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Right	24.56	/	/	22.06	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3457.5	Edge_1RB_Left	22.42	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	20.02	/	/	<=30	Pass
		Outer_Full	23.53	/	/	21.03	/	/	<=30	Pass
		Inner_Full	23.56	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	20.93	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.37	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	19.79	/	/	<=30	Pass
		Outer_Full	23.45	/	/	20.95	/	/	<=30	Pass
		Inner_Full	23.50	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	20.75	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.10	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	19.61	/	/	<=30	Pass
		Outer_Full	23.39	/	/	20.89	/	/	<=30	Pass
		Inner_Full	23.42	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	20.75	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3457.5	Edge_1RB_Left	21.37	/	/	18.87	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	18.94	/	/	<=30	Pass

		Outer_Full	21.52	/	/	19.02	/	/	<=30	Pass
		Inner_Full	21.56	/	/	19.06	/	/	<=30	Pass
		Inner_1RB_Left	21.36	/	/	18.86	/	/	<=30	Pass
		Inner_1RB_Right	21.44	/	/	18.94	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.31	/	/	18.81	/	/	<=30	Pass
		Edge_1RB_Right	21.38	/	/	18.88	/	/	<=30	Pass
		Outer_Full	21.53	/	/	19.03	/	/	<=30	Pass
		Inner_Full	21.51	/	/	19.01	/	/	<=30	Pass
		Inner_1RB_Left	21.39	/	/	18.89	/	/	<=30	Pass
		Inner_1RB_Right	21.40	/	/	18.90	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	21.23	/	/	18.73	/	/	<=30	Pass
		Edge_1RB_Right	21.27	/	/	18.77	/	/	<=30	Pass
		Outer_Full	21.43	/	/	18.93	/	/	<=30	Pass
		Inner_Full	21.42	/	/	18.92	/	/	<=30	Pass
		Inner_1RB_Left	21.24	/	/	18.74	/	/	<=30	Pass
		Inner_1RB_Right	21.22	/	/	18.72	/	/	<=30	Pass
CP-OFDM QPSK	3457.5	Edge_1RB_Left	22.36	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.94	/	/	<=30	Pass
		Outer_Full	23.02	/	/	20.52	/	/	<=30	Pass
		Inner_Full	24.51	/	/	22.01	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	24.16	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Right	24.21	/	/	21.71	/	/	<=30	Pass
		Edge_1RB_Left	22.27	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	19.81	/	/	<=30	Pass
		Outer_Full	22.97	/	/	20.47	/	/	<=30	Pass
		Inner_Full	24.42	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Left	24.06	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Right	24.08	/	/	21.58	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.25	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	19.80	/	/	<=30	Pass
		Outer_Full	22.82	/	/	20.32	/	/	<=30	Pass
		Inner_Full	24.18	/	/	21.68	/	/	<=30	Pass
CP-OFDM 16 QAM	3457.5	Inner_1RB_Left	24.18	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Right	24.15	/	/	21.65	/	/	<=30	Pass
		Edge_1RB_Left	22.08	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	19.75	/	/	<=30	Pass
	3500.01	Outer_Full	22.96	/	/	20.46	/	/	<=30	Pass
		Inner_Full	24.02	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	23.70	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Right	23.62	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Left	22.02	/	/	19.52	/	/	<=30	Pass
		Edge_1RB_Right	22.07	/	/	19.57	/	/	<=30	Pass
		Outer_Full	22.87	/	/	20.37	/	/	<=30	Pass
		Inner_Full	23.91	/	/	21.41	/	/	<=30	Pass
	3542.49	Inner_1RB_Left	23.57	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	21.10	/	/	<=30	Pass
		Edge_1RB_Left	22.01	/	/	19.51	/	/	<=30	Pass
		Edge_1RB_Right	21.97	/	/	19.47	/	/	<=30	Pass
CP-OFDM 64 QAM	3457.5	Outer_Full	22.70	/	/	20.20	/	/	<=30	Pass
		Inner_Full	23.74	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Left	22.33	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	19.90	/	/	<=30	Pass
		Outer_Full	22.50	/	/	20.00	/	/	<=30	Pass
		Inner_Full	22.40	/	/	19.90	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	22.36	/	/	19.86	/	/	<=30	Pass
		Inner_1RB_Right	22.38	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Left	22.35	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	19.85	/	/	<=30	Pass
		Outer_Full	22.53	/	/	20.03	/	/	<=30	Pass
		Inner_Full	22.32	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Left	22.34	/	/	19.84	/	/	<=30	Pass
		Inner_1RB_Right	22.36	/	/	19.86	/	/	<=30	Pass

	3542.49	Edge_1RB_Left	22.14	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	19.71	/	/	<=30	Pass
		Outer_Full	22.35	/	/	19.85	/	/	<=30	Pass
		Inner_Full	22.20	/	/	19.70	/	/	<=30	Pass
		Inner_1RB_Left	22.20	/	/	19.70	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	19.70	/	/	<=30	Pass
CP-OFDM 256 QAM	3457.5	Edge_1RB_Left	19.20	/	/	16.70	/	/	<=30	Pass
		Edge_1RB_Right	19.31	/	/	16.81	/	/	<=30	Pass
		Outer_Full	19.55	/	/	17.05	/	/	<=30	Pass
		Inner_Full	19.52	/	/	17.02	/	/	<=30	Pass
		Inner_1RB_Left	19.21	/	/	16.71	/	/	<=30	Pass
		Inner_1RB_Right	19.34	/	/	16.84	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.27	/	/	16.77	/	/	<=30	Pass
		Edge_1RB_Right	19.31	/	/	16.81	/	/	<=30	Pass
		Outer_Full	19.54	/	/	17.04	/	/	<=30	Pass
		Inner_Full	19.55	/	/	17.05	/	/	<=30	Pass
		Inner_1RB_Left	19.29	/	/	16.79	/	/	<=30	Pass
		Inner_1RB_Right	19.31	/	/	16.81	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	19.14	/	/	16.64	/	/	<=30	Pass
		Edge_1RB_Right	19.13	/	/	16.63	/	/	<=30	Pass
		Outer_Full	19.41	/	/	16.91	/	/	<=30	Pass
		Inner_Full	19.38	/	/	16.88	/	/	<=30	Pass
		Inner_1RB_Left	19.16	/	/	16.66	/	/	<=30	Pass
		Inner_1RB_Right	19.17	/	/	16.67	/	/	<=30	Pass
Note1: Antenna Gain: Ant8: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30_S_20M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3460.02	Edge_1RB_Left	22.34	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	19.92	/	/	<=30	Pass
		Outer_Full	25.46	/	/	22.96	/	/	<=30	Pass
		Inner_Full	26.06	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	25.73	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Right	25.85	/	/	23.35	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.28	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	19.84	/	/	<=30	Pass
		Outer_Full	25.35	/	/	22.85	/	/	<=30	Pass
		Inner_Full	25.81	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Left	25.65	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Right	25.64	/	/	23.14	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.15	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	19.67	/	/	<=30	Pass
		Outer_Full	25.18	/	/	22.68	/	/	<=30	Pass
		Inner_Full	25.77	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Left	25.58	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Right	25.61	/	/	23.11	/	/	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Edge_1RB_Left	22.53	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	20.09	/	/	<=30	Pass
		Outer_Full	25.00	/	/	22.50	/	/	<=30	Pass
		Inner_Full	26.08	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Right	26.00	/	/	23.50	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.54	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	20.07	/	/	<=30	Pass
		Outer_Full	24.96	/	/	22.46	/	/	<=30	Pass
		Inner_Full	26.03	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Left	26.03	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Right	26.02	/	/	23.52	/	/	<=30	Pass

	3540	Edge_1RB_Left	22.33	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	19.83	/	/	<=30	Pass
		Outer_Full	24.77	/	/	22.27	/	/	<=30	Pass
		Inner_Full	25.82	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	25.87	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Right	25.82	/	/	23.32	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Edge_1RB_Left	22.28	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	19.90	/	/	<=30	Pass
		Outer_Full	24.08	/	/	21.58	/	/	<=30	Pass
		Inner_Full	25.02	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	24.75	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Right	24.79	/	/	22.29	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.32	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	19.70	/	/	<=30	Pass
		Outer_Full	24.03	/	/	21.53	/	/	<=30	Pass
		Inner_Full	24.97	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	24.71	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Right	24.65	/	/	22.15	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.02	/	/	19.52	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	19.62	/	/	<=30	Pass
		Outer_Full	23.88	/	/	21.38	/	/	<=30	Pass
		Inner_Full	24.84	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Left	24.59	/	/	22.09	/	/	<=30	Pass
		Inner_1RB_Right	24.63	/	/	22.13	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Edge_1RB_Left	22.29	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	19.91	/	/	<=30	Pass
		Outer_Full	23.55	/	/	21.05	/	/	<=30	Pass
		Inner_Full	23.65	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	20.94	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	19.90	/	/	<=30	Pass
		Outer_Full	23.49	/	/	20.99	/	/	<=30	Pass
		Inner_Full	23.52	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Left	23.19	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	20.83	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.27	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	19.76	/	/	<=30	Pass
		Outer_Full	23.28	/	/	20.78	/	/	<=30	Pass
		Inner_Full	23.39	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	20.76	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Edge_1RB_Left	21.36	/	/	18.86	/	/	<=30	Pass
		Edge_1RB_Right	21.45	/	/	18.95	/	/	<=30	Pass
		Outer_Full	21.52	/	/	19.02	/	/	<=30	Pass
		Inner_Full	21.54	/	/	19.04	/	/	<=30	Pass
		Inner_1RB_Left	21.42	/	/	18.92	/	/	<=30	Pass
		Inner_1RB_Right	21.43	/	/	18.93	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.38	/	/	18.88	/	/	<=30	Pass
		Edge_1RB_Right	21.47	/	/	18.97	/	/	<=30	Pass
		Outer_Full	21.53	/	/	19.03	/	/	<=30	Pass
		Inner_Full	21.47	/	/	18.97	/	/	<=30	Pass
		Inner_1RB_Left	21.36	/	/	18.86	/	/	<=30	Pass
		Inner_1RB_Right	21.41	/	/	18.91	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.30	/	/	18.80	/	/	<=30	Pass
		Edge_1RB_Right	21.24	/	/	18.74	/	/	<=30	Pass
		Outer_Full	21.38	/	/	18.88	/	/	<=30	Pass
		Inner_Full	21.36	/	/	18.86	/	/	<=30	Pass
		Inner_1RB_Left	21.22	/	/	18.72	/	/	<=30	Pass
		Inner_1RB_Right	21.26	/	/	18.76	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Edge_1RB_Left	22.34	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.94	/	/	<=30	Pass
		Outer_Full	23.08	/	/	20.58	/	/	<=30	Pass
		Inner_Full	24.53	/	/	22.03	/	/	<=30	Pass

		Inner_1RB_Left	24.16	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Right	24.30	/	/	21.80	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.29	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	19.81	/	/	<=30	Pass
		Outer_Full	23.03	/	/	20.53	/	/	<=30	Pass
		Inner_Full	24.47	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Left	24.16	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	21.78	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.23	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	19.85	/	/	<=30	Pass
		Outer_Full	22.81	/	/	20.31	/	/	<=30	Pass
		Inner_Full	24.20	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Left	24.14	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Right	24.25	/	/	21.75	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.02	Edge_1RB_Left	22.33	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	19.69	/	/	<=30	Pass
		Outer_Full	23.02	/	/	20.52	/	/	<=30	Pass
		Inner_Full	24.18	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Left	23.62	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	21.24	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.23	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	19.64	/	/	<=30	Pass
		Outer_Full	23.05	/	/	20.55	/	/	<=30	Pass
		Inner_Full	24.00	/	/	21.50	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Right	23.61	/	/	21.11	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.07	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	19.68	/	/	<=30	Pass
		Outer_Full	22.77	/	/	20.27	/	/	<=30	Pass
		Inner_Full	23.85	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	21.03	/	/	<=30	Pass
CP-OFDM 64 QAM	3460.02	Edge_1RB_Left	22.33	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.95	/	/	<=30	Pass
		Outer_Full	22.54	/	/	20.04	/	/	<=30	Pass
		Inner_Full	22.54	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	19.99	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.32	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	19.87	/	/	<=30	Pass
		Outer_Full	22.47	/	/	19.97	/	/	<=30	Pass
		Inner_Full	22.48	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Left	22.29	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Right	22.37	/	/	19.87	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.13	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	19.73	/	/	<=30	Pass
		Outer_Full	22.30	/	/	19.80	/	/	<=30	Pass
		Inner_Full	22.32	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Left	22.23	/	/	19.73	/	/	<=30	Pass
		Inner_1RB_Right	22.26	/	/	19.76	/	/	<=30	Pass
CP-OFDM 256 QAM	3460.02	Edge_1RB_Left	19.22	/	/	16.72	/	/	<=30	Pass
		Edge_1RB_Right	19.35	/	/	16.85	/	/	<=30	Pass
		Outer_Full	19.65	/	/	17.15	/	/	<=30	Pass
		Inner_Full	19.58	/	/	17.08	/	/	<=30	Pass
		Inner_1RB_Left	19.29	/	/	16.79	/	/	<=30	Pass
		Inner_1RB_Right	19.42	/	/	16.92	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.23	/	/	16.73	/	/	<=30	Pass
		Edge_1RB_Right	19.34	/	/	16.84	/	/	<=30	Pass
		Outer_Full	11.89	/	/	9.39	/	/	<=30	Pass
		Inner_Full	19.58	/	/	17.08	/	/	<=30	Pass
		Inner_1RB_Left	19.16	/	/	16.66	/	/	<=30	Pass
		Inner_1RB_Right	19.32	/	/	16.82	/	/	<=30	Pass
	3540	Edge_1RB_Left	19.15	/	/	16.65	/	/	<=30	Pass
		Edge_1RB_Right	19.16	/	/	16.66	/	/	<=30	Pass

		Outer_Full	19.56	/	/	17.06	/	/	<=30	Pass
		Inner_Full	19.42	/	/	16.92	/	/	<=30	Pass
		Inner_1RB_Left	19.08	/	/	16.58	/	/	<=30	Pass
		Inner_1RB_Right	19.27	/	/	16.77	/	/	<=30	Pass
Note1: Antenna Gain: Ant8: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30_S_25M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3462.51	Edge_1RB_Left	22.43	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	20.01	/	/	<=30	Pass
		Outer_Full	25.55	/	/	23.05	/	/	<=30	Pass
		Inner_Full	25.97	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	25.80	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Right	25.98	/	/	23.48	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.40	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.94	/	/	<=30	Pass
		Outer_Full	25.46	/	/	22.96	/	/	<=30	Pass
		Inner_Full	25.91	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Left	25.81	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Right	25.79	/	/	23.29	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	22.20	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	19.74	/	/	<=30	Pass
		Outer_Full	25.27	/	/	22.77	/	/	<=30	Pass
		Inner_Full	25.77	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Left	25.65	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Right	25.63	/	/	23.13	/	/	<=30	Pass
DFT-s-OFDM QPSK	3462.51	Edge_1RB_Left	22.65	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	20.16	/	/	<=30	Pass
		Outer_Full	25.13	/	/	22.63	/	/	<=30	Pass
		Inner_Full	26.09	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Right	26.07	/	/	23.57	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.57	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	20.06	/	/	<=30	Pass
		Outer_Full	25.07	/	/	22.57	/	/	<=30	Pass
		Inner_Full	25.99	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Right	26.18	/	/	23.68	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	22.28	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	19.80	/	/	<=30	Pass
		Outer_Full	24.73	/	/	22.23	/	/	<=30	Pass
		Inner_Full	25.68	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Left	25.78	/	/	23.28	/	/	<=30	Pass
		Inner_1RB_Right	25.88	/	/	23.38	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3462.51	Edge_1RB_Left	22.33	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	19.90	/	/	<=30	Pass
		Outer_Full	24.13	/	/	21.63	/	/	<=30	Pass
		Inner_Full	25.06	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	24.79	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Right	24.98	/	/	22.48	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.22	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	19.76	/	/	<=30	Pass
		Outer_Full	24.06	/	/	21.56	/	/	<=30	Pass
		Inner_Full	24.95	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	24.85	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Right	24.82	/	/	22.32	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	22.09	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	19.64	/	/	<=30	Pass

		Outer_Full	23.75	/	/	21.25	/	/	<=30	Pass
		Inner_Full	24.65	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Left	24.57	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	22.09	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3462.51	Edge_1RB_Left	22.35	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	19.93	/	/	<=30	Pass
		Outer_Full	23.68	/	/	21.18	/	/	<=30	Pass
		Inner_Full	23.74	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	21.05	/	/	<=30	Pass
		Edge_1RB_Left	22.58	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	20.13	/	/	<=30	Pass
	3500.01	Outer_Full	23.55	/	/	21.05	/	/	<=30	Pass
		Inner_Full	23.56	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Right	23.50	/	/	21.00	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	22.22	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	19.78	/	/	<=30	Pass
		Outer_Full	23.25	/	/	20.75	/	/	<=30	Pass
		Inner_Full	23.29	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	20.70	/	/	<=30	Pass
		Inner_1RB_Right	23.09	/	/	20.59	/	/	<=30	Pass
		Edge_1RB_Left	21.52	/	/	19.02	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	19.16	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3462.51	Outer_Full	21.74	/	/	19.24	/	/	<=30	Pass
		Inner_Full	21.66	/	/	19.16	/	/	<=30	Pass
		Inner_1RB_Left	21.54	/	/	19.04	/	/	<=30	Pass
		Inner_1RB_Right	21.63	/	/	19.13	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.50	/	/	19.00	/	/	<=30	Pass
		Edge_1RB_Right	21.65	/	/	19.15	/	/	<=30	Pass
		Outer_Full	21.62	/	/	19.12	/	/	<=30	Pass
		Inner_Full	21.62	/	/	19.12	/	/	<=30	Pass
		Inner_1RB_Left	21.54	/	/	19.04	/	/	<=30	Pass
		Inner_1RB_Right	21.72	/	/	19.22	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	21.27	/	/	18.77	/	/	<=30	Pass
		Edge_1RB_Right	21.32	/	/	18.82	/	/	<=30	Pass
		Outer_Full	21.36	/	/	18.86	/	/	<=30	Pass
		Inner_Full	21.33	/	/	18.83	/	/	<=30	Pass
		Inner_1RB_Left	21.25	/	/	18.75	/	/	<=30	Pass
		Inner_1RB_Right	21.31	/	/	18.81	/	/	<=30	Pass
CP-OFDM QPSK	3462.51	Edge_1RB_Left	22.41	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	20.02	/	/	<=30	Pass
		Outer_Full	23.11	/	/	20.61	/	/	<=30	Pass
		Inner_Full	24.66	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Left	24.34	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Right	24.33	/	/	21.83	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.42	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.95	/	/	<=30	Pass
		Outer_Full	23.00	/	/	20.50	/	/	<=30	Pass
		Inner_Full	24.58	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Left	24.18	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Right	24.23	/	/	21.73	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	22.20	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	19.74	/	/	<=30	Pass
		Outer_Full	22.79	/	/	20.29	/	/	<=30	Pass
		Inner_Full	24.27	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	24.09	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Right	24.12	/	/	21.62	/	/	<=30	Pass
CP-OFDM 16 QAM	3462.51	Edge_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	20.01	/	/	<=30	Pass
		Outer_Full	23.10	/	/	20.60	/	/	<=30	Pass
		Inner_Full	24.08	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Left	23.71	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Right	23.78	/	/	21.28	/	/	<=30	Pass

	3500.01	Edge_1RB_Left	22.28	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	19.97	/	/	<=30	Pass
		Outer_Full	23.04	/	/	20.54	/	/	<=30	Pass
		Inner_Full	23.94	/	/	21.44	/	/	<=30	Pass
		Inner_1RB_Left	23.78	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	21.22	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	22.13	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	21.97	/	/	19.47	/	/	<=30	Pass
		Outer_Full	22.76	/	/	20.26	/	/	<=30	Pass
		Inner_Full	23.73	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	20.93	/	/	<=30	Pass
CP-OFDM 64 QAM	3462.51	Edge_1RB_Left	22.48	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	20.09	/	/	<=30	Pass
		Outer_Full	22.60	/	/	20.10	/	/	<=30	Pass
		Inner_Full	22.70	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Left	22.47	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Right	22.57	/	/	20.07	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.43	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	20.01	/	/	<=30	Pass
		Outer_Full	22.52	/	/	20.02	/	/	<=30	Pass
		Inner_Full	22.56	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	22.45	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Right	22.50	/	/	20.00	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	22.19	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	19.68	/	/	<=30	Pass
		Outer_Full	22.27	/	/	19.77	/	/	<=30	Pass
		Inner_Full	22.23	/	/	19.73	/	/	<=30	Pass
		Inner_1RB_Left	22.17	/	/	19.67	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	19.70	/	/	<=30	Pass
CP-OFDM 256 QAM	3462.51	Edge_1RB_Left	19.41	/	/	16.91	/	/	<=30	Pass
		Edge_1RB_Right	19.54	/	/	17.04	/	/	<=30	Pass
		Outer_Full	19.64	/	/	17.14	/	/	<=30	Pass
		Inner_Full	19.69	/	/	17.19	/	/	<=30	Pass
		Inner_1RB_Left	19.46	/	/	16.96	/	/	<=30	Pass
		Inner_1RB_Right	19.52	/	/	17.02	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.41	/	/	16.91	/	/	<=30	Pass
		Edge_1RB_Right	19.46	/	/	16.96	/	/	<=30	Pass
		Outer_Full	19.60	/	/	17.10	/	/	<=30	Pass
		Inner_Full	19.67	/	/	17.17	/	/	<=30	Pass
		Inner_1RB_Left	19.38	/	/	16.88	/	/	<=30	Pass
		Inner_1RB_Right	19.48	/	/	16.98	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	19.13	/	/	16.63	/	/	<=30	Pass
		Edge_1RB_Right	19.19	/	/	16.69	/	/	<=30	Pass
		Outer_Full	19.32	/	/	16.82	/	/	<=30	Pass
		Inner_Full	19.34	/	/	16.84	/	/	<=30	Pass
		Inner_1RB_Left	19.16	/	/	16.66	/	/	<=30	Pass
		Inner_1RB_Right	19.22	/	/	16.72	/	/	<=30	Pass
Note1: Antenna Gain: Ant8: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30_S_30M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3465	Edge_1RB_Left	22.26	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	19.88	/	/	<=30	Pass
		Outer_Full	23.05	/	/	20.55	/	/	<=30	Pass
		Inner_Full	24.63	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Left	24.18	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Right	24.26	/	/	21.76	/	/	<=30	Pass

	3500.01	Edge_1RB_Left	22.23	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	19.82	/	/	<=30	Pass
		Outer_Full	22.98	/	/	20.48	/	/	<=30	Pass
		Inner_Full	24.47	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Left	24.13	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	24.21	/	/	21.71	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.23	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	19.72	/	/	<=30	Pass
		Outer_Full	25.27	/	/	22.77	/	/	<=30	Pass
		Inner_Full	25.73	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Left	25.60	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Right	25.56	/	/	23.06	/	/	<=30	Pass
DFT-s-OFDM QPSK	3465	Edge_1RB_Left	22.54	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	20.10	/	/	<=30	Pass
		Outer_Full	25.07	/	/	22.57	/	/	<=30	Pass
		Inner_Full	26.08	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Right	26.29	/	/	23.79	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.44	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	19.99	/	/	<=30	Pass
		Outer_Full	24.97	/	/	22.47	/	/	<=30	Pass
		Inner_Full	25.96	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Left	26.17	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Right	26.14	/	/	23.64	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.20	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	19.71	/	/	<=30	Pass
		Outer_Full	24.74	/	/	22.24	/	/	<=30	Pass
		Inner_Full	25.72	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Left	25.95	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Right	25.84	/	/	23.34	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Edge_1RB_Left	22.27	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	19.84	/	/	<=30	Pass
		Outer_Full	24.07	/	/	21.57	/	/	<=30	Pass
		Inner_Full	25.02	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	22.26	/	/	<=30	Pass
		Inner_1RB_Right	24.81	/	/	22.31	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.27	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	19.73	/	/	<=30	Pass
		Outer_Full	24.02	/	/	21.52	/	/	<=30	Pass
		Inner_Full	25.00	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Right	24.79	/	/	22.29	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.00	/	/	19.50	/	/	<=30	Pass
		Edge_1RB_Right	22.07	/	/	19.57	/	/	<=30	Pass
		Outer_Full	23.84	/	/	21.34	/	/	<=30	Pass
		Inner_Full	24.81	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Left	24.60	/	/	22.10	/	/	<=30	Pass
		Inner_1RB_Right	24.60	/	/	22.10	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Edge_1RB_Left	22.27	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	19.97	/	/	<=30	Pass
		Outer_Full	23.57	/	/	21.07	/	/	<=30	Pass
		Inner_Full	23.59	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Right	23.34	/	/	20.84	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.40	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	19.80	/	/	<=30	Pass
		Outer_Full	23.52	/	/	21.02	/	/	<=30	Pass
		Inner_Full	23.60	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Left	23.34	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	20.89	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.24	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	19.63	/	/	<=30	Pass
		Outer_Full	23.31	/	/	20.81	/	/	<=30	Pass
		Inner_Full	23.38	/	/	20.88	/	/	<=30	Pass

		Inner_1RB_Left	23.05	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Right	23.10	/	/	20.60	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3465	Edge_1RB_Left	21.35	/	/	18.85	/	/	<=30	Pass
		Edge_1RB_Right	21.53	/	/	19.03	/	/	<=30	Pass
		Outer_Full	21.62	/	/	19.12	/	/	<=30	Pass
		Inner_Full	21.61	/	/	19.11	/	/	<=30	Pass
		Inner_1RB_Left	21.45	/	/	18.95	/	/	<=30	Pass
		Inner_1RB_Right	21.52	/	/	19.02	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.43	/	/	18.93	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	19.01	/	/	<=30	Pass
		Outer_Full	21.58	/	/	19.08	/	/	<=30	Pass
		Inner_Full	21.59	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Left	21.42	/	/	18.92	/	/	<=30	Pass
		Inner_1RB_Right	21.45	/	/	18.95	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	21.25	/	/	18.75	/	/	<=30	Pass
		Edge_1RB_Right	21.28	/	/	18.78	/	/	<=30	Pass
		Outer_Full	21.42	/	/	18.92	/	/	<=30	Pass
		Inner_Full	21.34	/	/	18.84	/	/	<=30	Pass
		Inner_1RB_Left	21.24	/	/	18.74	/	/	<=30	Pass
		Inner_1RB_Right	21.28	/	/	18.78	/	/	<=30	Pass
CP-OFDM QPSK	3465	Edge_1RB_Left	22.26	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	20.01	/	/	<=30	Pass
		Outer_Full	23.05	/	/	20.55	/	/	<=30	Pass
		Inner_Full	24.53	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Left	24.15	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Right	24.35	/	/	21.85	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.25	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	19.84	/	/	<=30	Pass
		Outer_Full	23.01	/	/	20.51	/	/	<=30	Pass
		Inner_Full	24.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	24.16	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Right	24.16	/	/	21.66	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.07	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	19.73	/	/	<=30	Pass
		Outer_Full	22.77	/	/	20.27	/	/	<=30	Pass
		Inner_Full	24.25	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Left	24.07	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Right	24.04	/	/	21.54	/	/	<=30	Pass
CP-OFDM 16 QAM	3465	Edge_1RB_Left	22.22	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	19.78	/	/	<=30	Pass
		Outer_Full	23.08	/	/	20.58	/	/	<=30	Pass
		Inner_Full	24.03	/	/	21.53	/	/	<=30	Pass
		Inner_1RB_Left	23.70	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	21.22	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.01	/	/	19.51	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	19.82	/	/	<=30	Pass
		Outer_Full	22.99	/	/	20.49	/	/	<=30	Pass
		Inner_Full	23.95	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	21.25	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.03	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	19.53	/	/	<=30	Pass
		Outer_Full	22.82	/	/	20.32	/	/	<=30	Pass
		Inner_Full	23.77	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Right	23.56	/	/	21.06	/	/	<=30	Pass
CP-OFDM 64 QAM	3465	Edge_1RB_Left	22.32	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	19.96	/	/	<=30	Pass
		Outer_Full	22.56	/	/	20.06	/	/	<=30	Pass
		Inner_Full	22.60	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Left	22.40	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Right	22.51	/	/	20.01	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.34	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	19.90	/	/	<=30	Pass

		Outer_Full	22.56	/	/	20.06	/	/	<=30	Pass
		Inner_Full	22.54	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Left	22.35	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Right	22.42	/	/	19.92	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.20	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	19.73	/	/	<=30	Pass
		Outer_Full	22.31	/	/	19.81	/	/	<=30	Pass
		Inner_Full	22.30	/	/	19.80	/	/	<=30	Pass
		Inner_1RB_Left	22.19	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Right	22.27	/	/	19.77	/	/	<=30	Pass
CP-OFDM 256 QAM	3465	Edge_1RB_Left	19.21	/	/	16.71	/	/	<=30	Pass
		Edge_1RB_Right	19.41	/	/	16.91	/	/	<=30	Pass
		Outer_Full	19.64	/	/	17.14	/	/	<=30	Pass
		Inner_Full	19.63	/	/	17.13	/	/	<=30	Pass
		Inner_1RB_Left	19.32	/	/	16.82	/	/	<=30	Pass
		Inner_1RB_Right	19.42	/	/	16.92	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.24	/	/	16.74	/	/	<=30	Pass
		Edge_1RB_Right	19.38	/	/	16.88	/	/	<=30	Pass
		Outer_Full	19.59	/	/	17.09	/	/	<=30	Pass
		Inner_Full	19.55	/	/	17.05	/	/	<=30	Pass
		Inner_1RB_Left	19.23	/	/	16.73	/	/	<=30	Pass
		Inner_1RB_Right	19.41	/	/	16.91	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	19.06	/	/	16.56	/	/	<=30	Pass
		Edge_1RB_Right	19.12	/	/	16.62	/	/	<=30	Pass
		Outer_Full	21.42	/	/	18.92	/	/	<=30	Pass
		Inner_Full	19.44	/	/	16.94	/	/	<=30	Pass
		Inner_1RB_Left	19.11	/	/	16.61	/	/	<=30	Pass
		Inner_1RB_Right	19.15	/	/	16.65	/	/	<=30	Pass
Note1: Antenna Gain: Ant8: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30_S_40M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Edge_1RB_Left	22.26	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	20.05	/	/	<=30	Pass
		Outer_Full	23.06	/	/	20.56	/	/	<=30	Pass
		Inner_Full	24.55	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Left	24.15	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	21.78	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.24	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.95	/	/	<=30	Pass
		Outer_Full	22.93	/	/	20.43	/	/	<=30	Pass
		Inner_Full	24.49	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Left	24.14	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Right	24.19	/	/	21.69	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.21	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	19.72	/	/	<=30	Pass
		Outer_Full	22.82	/	/	20.32	/	/	<=30	Pass
		Inner_Full	24.38	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Left	24.06	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Right	24.09	/	/	21.59	/	/	<=30	Pass
DFT-s-OFDM QPSK	3470.01	Edge_1RB_Left	22.48	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	20.10	/	/	<=30	Pass
		Outer_Full	25.00	/	/	22.50	/	/	<=30	Pass
		Inner_Full	26.04	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Left	26.04	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Right	26.25	/	/	23.75	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.46	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	20.02	/	/	<=30	Pass

		Outer_Full	24.97	/	/	22.47	/	/	<=30	Pass
		Inner_Full	25.97	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	25.94	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Right	26.10	/	/	23.60	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	19.83	/	/	<=30	Pass
		Outer_Full	24.86	/	/	22.36	/	/	<=30	Pass
		Inner_Full	25.87	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Left	25.87	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Right	25.83	/	/	23.33	/	/	<=30	Pass
		Edge_1RB_Left	22.27	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	19.88	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer_Full	24.06	/	/	21.56	/	/	<=30	Pass
		Inner_Full	25.05	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	24.78	/	/	22.28	/	/	<=30	Pass
		Inner_1RB_Right	24.93	/	/	22.43	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.31	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	19.85	/	/	<=30	Pass
		Outer_Full	24.04	/	/	21.54	/	/	<=30	Pass
		Inner_Full	24.98	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	24.75	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Right	24.77	/	/	22.27	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.12	/	/	19.62	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	19.65	/	/	<=30	Pass
		Outer_Full	23.86	/	/	21.36	/	/	<=30	Pass
		Inner_Full	24.82	/	/	22.32	/	/	<=30	Pass
		Inner_1RB_Left	24.66	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Right	24.63	/	/	22.13	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Edge_1RB_Left	22.44	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	20.08	/	/	<=30	Pass
		Outer_Full	23.53	/	/	21.03	/	/	<=30	Pass
		Inner_Full	23.57	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	23.37	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	21.03	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.30	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	19.96	/	/	<=30	Pass
		Outer_Full	23.48	/	/	20.98	/	/	<=30	Pass
		Inner_Full	23.52	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	20.89	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.36	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	19.71	/	/	<=30	Pass
		Outer_Full	23.37	/	/	20.87	/	/	<=30	Pass
		Inner_Full	23.37	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	20.64	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Edge_1RB_Left	21.41	/	/	18.91	/	/	<=30	Pass
		Edge_1RB_Right	21.56	/	/	19.06	/	/	<=30	Pass
		Outer_Full	21.63	/	/	19.13	/	/	<=30	Pass
		Inner_Full	21.68	/	/	19.18	/	/	<=30	Pass
		Inner_1RB_Left	21.48	/	/	18.98	/	/	<=30	Pass
		Inner_1RB_Right	21.60	/	/	19.10	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.41	/	/	18.91	/	/	<=30	Pass
		Edge_1RB_Right	21.43	/	/	18.93	/	/	<=30	Pass
		Outer_Full	21.59	/	/	19.09	/	/	<=30	Pass
		Inner_Full	21.61	/	/	19.11	/	/	<=30	Pass
		Inner_1RB_Left	21.40	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Right	21.42	/	/	18.92	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	21.34	/	/	18.84	/	/	<=30	Pass
		Edge_1RB_Right	21.38	/	/	18.88	/	/	<=30	Pass
		Outer_Full	21.48	/	/	18.98	/	/	<=30	Pass
		Inner_Full	21.49	/	/	18.99	/	/	<=30	Pass
		Inner_1RB_Left	21.32	/	/	18.82	/	/	<=30	Pass
		Inner_1RB_Right	21.31	/	/	18.81	/	/	<=30	Pass

CP-OFDM QPSK	3470.01	Edge_1RB_Left	22.31	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	20.01	/	/	<=30	Pass
		Outer_Full	23.03	/	/	20.53	/	/	<=30	Pass
		Inner_Full	24.57	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Right	24.30	/	/	21.80	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.30	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	19.89	/	/	<=30	Pass
		Outer_Full	22.93	/	/	20.43	/	/	<=30	Pass
		Inner_Full	24.47	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Left	24.29	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Right	24.17	/	/	21.67	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.24	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	19.77	/	/	<=30	Pass
		Outer_Full	22.81	/	/	20.31	/	/	<=30	Pass
		Inner_Full	24.30	/	/	21.80	/	/	<=30	Pass
		Inner_1RB_Left	23.98	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Right	24.26	/	/	21.76	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Edge_1RB_Left	22.23	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	19.78	/	/	<=30	Pass
		Outer_Full	23.01	/	/	20.51	/	/	<=30	Pass
		Inner_Full	24.05	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Left	23.68	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Right	23.84	/	/	21.34	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.09	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	19.65	/	/	<=30	Pass
		Outer_Full	23.00	/	/	20.50	/	/	<=30	Pass
		Inner_Full	23.99	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Left	23.57	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Right	23.83	/	/	21.33	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.14	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	19.59	/	/	<=30	Pass
		Outer_Full	22.80	/	/	20.30	/	/	<=30	Pass
		Inner_Full	23.94	/	/	21.44	/	/	<=30	Pass
		Inner_1RB_Left	23.56	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	21.18	/	/	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge_1RB_Left	22.41	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	20.13	/	/	<=30	Pass
		Outer_Full	22.56	/	/	20.06	/	/	<=30	Pass
		Inner_Full	22.53	/	/	20.03	/	/	<=30	Pass
		Inner_1RB_Left	22.36	/	/	19.86	/	/	<=30	Pass
		Inner_1RB_Right	22.52	/	/	20.02	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.36	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.94	/	/	<=30	Pass
		Outer_Full	22.49	/	/	19.99	/	/	<=30	Pass
		Inner_Full	22.53	/	/	20.03	/	/	<=30	Pass
		Inner_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Right	22.47	/	/	19.97	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.28	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	19.81	/	/	<=30	Pass
		Outer_Full	22.38	/	/	19.88	/	/	<=30	Pass
		Inner_Full	22.36	/	/	19.86	/	/	<=30	Pass
		Inner_1RB_Left	22.24	/	/	19.74	/	/	<=30	Pass
		Inner_1RB_Right	22.29	/	/	19.79	/	/	<=30	Pass
CP-OFDM 256 QAM	3470.01	Edge_1RB_Left	19.20	/	/	16.70	/	/	<=30	Pass
		Edge_1RB_Right	19.41	/	/	16.91	/	/	<=30	Pass
		Outer_Full	19.59	/	/	17.09	/	/	<=30	Pass
		Inner_Full	19.57	/	/	17.07	/	/	<=30	Pass
		Inner_1RB_Left	19.22	/	/	16.72	/	/	<=30	Pass
		Inner_1RB_Right	19.41	/	/	16.91	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.29	/	/	16.79	/	/	<=30	Pass
		Edge_1RB_Right	19.33	/	/	16.83	/	/	<=30	Pass
		Outer_Full	19.63	/	/	17.13	/	/	<=30	Pass
		Inner_Full	19.57	/	/	17.07	/	/	<=30	Pass

		Inner_1RB_Left	19.27	/	/	16.77	/	/	<=30	Pass
		Inner_1RB_Right	19.34	/	/	16.84	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	19.19	/	/	16.69	/	/	<=30	Pass
		Edge_1RB_Right	19.26	/	/	16.76	/	/	<=30	Pass
		Outer_Full	19.46	/	/	16.96	/	/	<=30	Pass
		Inner_Full	19.40	/	/	16.90	/	/	<=30	Pass
		Inner_1RB_Left	19.21	/	/	16.71	/	/	<=30	Pass
		Inner_1RB_Right	19.20	/	/	16.70	/	/	<=30	Pass
Note1: Antenna Gain: Ant8: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30_S_50M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum		
DFT-s-OFDM PI/2 BPSK	3475.02	Edge_1RB_Left	22.20	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	19.84	/	/	<=30	Pass
		Outer_Full	23.06	/	/	20.56	/	/	<=30	Pass
		Inner_Full	24.59	/	/	22.09	/	/	<=30	Pass
		Inner_1RB_Left	24.02	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Right	24.17	/	/	21.67	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.27	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	19.73	/	/	<=30	Pass
		Outer_Full	22.96	/	/	20.46	/	/	<=30	Pass
		Inner_Full	24.51	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Right	24.07	/	/	21.57	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.08	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	22.07	/	/	19.57	/	/	<=30	Pass
		Outer_Full	22.90	/	/	20.40	/	/	<=30	Pass
		Inner_Full	24.35	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Left	23.97	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Right	23.95	/	/	21.45	/	/	<=30	Pass
DFT-s-OFDM QPSK	3475.02	Edge_1RB_Left	22.36	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.94	/	/	<=30	Pass
		Outer_Full	25.03	/	/	22.53	/	/	<=30	Pass
		Inner_Full	26.09	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Right	26.08	/	/	23.58	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	19.87	/	/	<=30	Pass
		Outer_Full	25.00	/	/	22.50	/	/	<=30	Pass
		Inner_Full	26.03	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Left	26.01	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Right	26.02	/	/	23.52	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.34	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	19.77	/	/	<=30	Pass
		Outer_Full	24.87	/	/	22.37	/	/	<=30	Pass
		Inner_Full	25.90	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	25.94	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Right	25.74	/	/	23.24	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Edge_1RB_Left	22.10	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	19.79	/	/	<=30	Pass
		Outer_Full	24.11	/	/	21.61	/	/	<=30	Pass
		Inner_Full	25.10	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Left	24.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Right	24.79	/	/	22.29	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.09	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	19.68	/	/	<=30	Pass
		Outer_Full	24.03	/	/	21.53	/	/	<=30	Pass
		Inner_Full	24.96	/	/	22.46	/	/	<=30	Pass

		Inner_1RB_Left	24.56	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Right	24.60	/	/	22.10	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.14	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	19.55	/	/	<=30	Pass
		Outer_Full	23.93	/	/	21.43	/	/	<=30	Pass
		Inner_Full	24.90	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	24.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Right	24.49	/	/	21.99	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Edge_1RB_Left	22.36	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	19.96	/	/	<=30	Pass
		Outer_Full	23.59	/	/	21.09	/	/	<=30	Pass
		Inner_Full	23.62	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	20.78	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.34	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	19.87	/	/	<=30	Pass
		Outer_Full	23.53	/	/	21.03	/	/	<=30	Pass
		Inner_Full	23.53	/	/	21.03	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	20.64	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.27	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	19.72	/	/	<=30	Pass
		Outer_Full	23.45	/	/	20.95	/	/	<=30	Pass
		Inner_Full	23.44	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Left	23.10	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Right	23.06	/	/	20.56	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.02	Edge_1RB_Left	21.32	/	/	18.82	/	/	<=30	Pass
		Edge_1RB_Right	21.46	/	/	18.96	/	/	<=30	Pass
		Outer_Full	21.69	/	/	19.19	/	/	<=30	Pass
		Inner_Full	21.70	/	/	19.20	/	/	<=30	Pass
		Inner_1RB_Left	21.32	/	/	18.82	/	/	<=30	Pass
		Inner_1RB_Right	21.48	/	/	18.98	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.35	/	/	18.85	/	/	<=30	Pass
		Edge_1RB_Right	21.31	/	/	18.81	/	/	<=30	Pass
		Outer_Full	21.59	/	/	19.09	/	/	<=30	Pass
		Inner_Full	21.59	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Left	21.26	/	/	18.76	/	/	<=30	Pass
		Inner_1RB_Right	21.34	/	/	18.84	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.27	/	/	18.77	/	/	<=30	Pass
		Edge_1RB_Right	21.33	/	/	18.83	/	/	<=30	Pass
		Outer_Full	21.49	/	/	18.99	/	/	<=30	Pass
		Inner_Full	21.50	/	/	19.00	/	/	<=30	Pass
		Inner_1RB_Left	21.31	/	/	18.81	/	/	<=30	Pass
		Inner_1RB_Right	21.25	/	/	18.75	/	/	<=30	Pass
CP-OFDM QPSK	3475.02	Edge_1RB_Left	22.27	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	19.93	/	/	<=30	Pass
		Outer_Full	23.07	/	/	20.57	/	/	<=30	Pass
		Inner_Full	24.58	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Left	24.14	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Right	24.23	/	/	21.73	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.19	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	19.78	/	/	<=30	Pass
		Outer_Full	22.99	/	/	20.49	/	/	<=30	Pass
		Inner_Full	24.52	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Left	24.09	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Right	24.08	/	/	21.58	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.14	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	19.67	/	/	<=30	Pass
		Outer_Full	22.90	/	/	20.40	/	/	<=30	Pass
		Inner_Full	24.43	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Left	24.03	/	/	21.53	/	/	<=30	Pass
		Inner_1RB_Right	23.95	/	/	21.45	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.02	Edge_1RB_Left	22.08	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	19.81	/	/	<=30	Pass

		Outer_Full	23.10	/	/	20.60	/	/	<=30	Pass
		Inner_Full	24.08	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Left	23.70	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Right	23.61	/	/	21.11	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.10	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	19.60	/	/	<=30	Pass
		Outer_Full	22.98	/	/	20.48	/	/	<=30	Pass
		Inner_Full	24.02	/	/	21.52	/	/	<=30	Pass
	3525	Inner_1RB_Left	23.58	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	21.05	/	/	<=30	Pass
		Edge_1RB_Left	22.06	/	/	19.56	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	19.52	/	/	<=30	Pass
		Outer_Full	22.93	/	/	20.43	/	/	<=30	Pass
		Inner_Full	23.87	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	23.43	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	20.89	/	/	<=30	Pass
CP-OFDM 64 QAM	3475.02	Edge_1RB_Left	22.29	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	20.00	/	/	<=30	Pass
		Outer_Full	22.59	/	/	20.09	/	/	<=30	Pass
		Inner_Full	22.61	/	/	20.11	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	22.29	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Right	22.48	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Left	22.31	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	19.77	/	/	<=30	Pass
	3525	Outer_Full	22.52	/	/	20.02	/	/	<=30	Pass
		Inner_Full	22.55	/	/	20.05	/	/	<=30	Pass
		Inner_1RB_Left	22.36	/	/	19.86	/	/	<=30	Pass
		Inner_1RB_Right	22.30	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Left	22.22	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	19.73	/	/	<=30	Pass
		Outer_Full	22.40	/	/	19.90	/	/	<=30	Pass
		Inner_Full	22.44	/	/	19.94	/	/	<=30	Pass
	Inner_1RB_Left	22.25	/	/	19.75	/	/	<=30	Pass	
	Inner_1RB_Right	22.18	/	/	19.68	/	/	<=30	Pass	
	3475.02	Edge_1RB_Left	19.18	/	/	16.68	/	/	<=30	Pass
		Edge_1RB_Right	19.36	/	/	16.86	/	/	<=30	Pass
Outer_Full		19.65	/	/	17.15	/	/	<=30	Pass	
Inner_Full		19.66	/	/	17.16	/	/	<=30	Pass	
Inner_1RB_Left		19.22	/	/	16.72	/	/	<=30	Pass	
Inner_1RB_Right		19.30	/	/	16.80	/	/	<=30	Pass	
3500.01	Edge_1RB_Left	19.15	/	/	16.65	/	/	<=30	Pass	
	Edge_1RB_Right	19.16	/	/	16.66	/	/	<=30	Pass	
	Outer_Full	19.54	/	/	17.04	/	/	<=30	Pass	
	Inner_Full	19.58	/	/	17.08	/	/	<=30	Pass	
3525	Inner_1RB_Left	19.12	/	/	16.62	/	/	<=30	Pass	
	Inner_1RB_Right	19.13	/	/	16.63	/	/	<=30	Pass	
	Edge_1RB_Left	19.12	/	/	16.62	/	/	<=30	Pass	
	Edge_1RB_Right	19.08	/	/	16.58	/	/	<=30	Pass	
	Outer_Full	19.49	/	/	16.99	/	/	<=30	Pass	
	Inner_Full	19.52	/	/	17.02	/	/	<=30	Pass	
	Inner_1RB_Left	19.09	/	/	16.59	/	/	<=30	Pass	
	Inner_1RB_Right	19.14	/	/	16.64	/	/	<=30	Pass	
Note1: Antenna Gain: Ant8: -2.50dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30_S_60M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3480	Edge_1RB_Left	22.16	/	/	19.66	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	19.80	/	/	<=30	Pass

		Outer_Full	22.91	/	/	20.41	/	/	<=30	Pass
		Inner_Full	24.44	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Left	24.12	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Right	24.24	/	/	21.74	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.17	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	19.74	/	/	<=30	Pass
		Outer_Full	22.87	/	/	20.37	/	/	<=30	Pass
		Inner_Full	24.38	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Left	24.08	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Right	24.13	/	/	21.63	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.21	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	19.63	/	/	<=30	Pass
		Outer_Full	22.75	/	/	20.25	/	/	<=30	Pass
		Inner_Full	24.29	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Left	24.05	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Right	24.03	/	/	21.53	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Edge_1RB_Left	22.43	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	19.99	/	/	<=30	Pass
		Outer_Full	24.95	/	/	22.45	/	/	<=30	Pass
		Inner_Full	26.00	/	/	23.50	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	26.01	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Right	26.21	/	/	23.71	/	/	<=30	Pass
		Edge_1RB_Left	22.36	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	19.87	/	/	<=30	Pass
		Outer_Full	24.89	/	/	22.39	/	/	<=30	Pass
		Inner_Full	25.88	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Right	26.08	/	/	23.58	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	19.74	/	/	<=30	Pass
		Outer_Full	24.78	/	/	22.28	/	/	<=30	Pass
		Inner_Full	25.82	/	/	23.32	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Inner_1RB_Left	26.04	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Right	25.86	/	/	23.36	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.19	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	19.74	/	/	<=30	Pass
		Outer_Full	24.01	/	/	21.51	/	/	<=30	Pass
		Inner_Full	24.98	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	24.75	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Right	24.83	/	/	22.33	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.12	/	/	19.62	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	19.69	/	/	<=30	Pass
		Outer_Full	23.89	/	/	21.39	/	/	<=30	Pass
		Inner_Full	24.90	/	/	22.40	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Inner_1RB_Left	24.72	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Right	24.64	/	/	22.14	/	/	<=30	Pass
		Edge_1RB_Left	22.08	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	19.54	/	/	<=30	Pass
	3500.01	Outer_Full	23.82	/	/	21.32	/	/	<=30	Pass
		Inner_Full	24.78	/	/	22.28	/	/	<=30	Pass
		Inner_1RB_Left	24.71	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Right	24.58	/	/	22.08	/	/	<=30	Pass
		Edge_1RB_Left	22.21	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.95	/	/	<=30	Pass
		Outer_Full	23.47	/	/	20.97	/	/	<=30	Pass
		Inner_Full	23.45	/	/	20.95	/	/	<=30	Pass
	3519.99	Inner_1RB_Left	23.37	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	20.91	/	/	<=30	Pass
		Edge_1RB_Left	22.18	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	19.84	/	/	<=30	Pass
	3500.01	Outer_Full	23.43	/	/	20.93	/	/	<=30	Pass
		Inner_Full	23.38	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Left	23.29	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	20.83	/	/	<=30	Pass

	3519.99	Edge_1RB_Left	22.18	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	19.71	/	/	<=30	Pass
		Outer_Full	23.28	/	/	20.78	/	/	<=30	Pass
		Inner_Full	23.34	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	20.70	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Edge_1RB_Left	21.26	/	/	18.76	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	18.94	/	/	<=30	Pass
		Outer_Full	19.56	/	/	17.06	/	/	<=30	Pass
		Inner_Full	21.61	/	/	19.11	/	/	<=30	Pass
		Inner_1RB_Left	21.39	/	/	18.89	/	/	<=30	Pass
		Inner_1RB_Right	21.51	/	/	19.01	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.33	/	/	18.83	/	/	<=30	Pass
		Edge_1RB_Right	21.27	/	/	18.77	/	/	<=30	Pass
		Outer_Full	21.48	/	/	18.98	/	/	<=30	Pass
		Inner_Full	21.54	/	/	19.04	/	/	<=30	Pass
		Inner_1RB_Left	21.33	/	/	18.83	/	/	<=30	Pass
		Inner_1RB_Right	21.39	/	/	18.89	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.24	/	/	18.74	/	/	<=30	Pass
		Edge_1RB_Right	21.17	/	/	18.67	/	/	<=30	Pass
		Outer_Full	21.40	/	/	18.90	/	/	<=30	Pass
		Inner_Full	21.41	/	/	18.91	/	/	<=30	Pass
		Inner_1RB_Left	21.38	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Right	21.32	/	/	18.82	/	/	<=30	Pass
CP-OFDM QPSK	3480	Edge_1RB_Left	22.24	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	19.90	/	/	<=30	Pass
		Outer_Full	22.92	/	/	20.42	/	/	<=30	Pass
		Inner_Full	24.46	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Left	24.10	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Right	24.30	/	/	21.80	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.21	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	19.83	/	/	<=30	Pass
		Outer_Full	22.83	/	/	20.33	/	/	<=30	Pass
		Inner_Full	24.37	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Left	24.10	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Right	24.23	/	/	21.73	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.15	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	19.77	/	/	<=30	Pass
		Outer_Full	22.78	/	/	20.28	/	/	<=30	Pass
		Inner_Full	24.29	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Left	24.09	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Right	24.15	/	/	21.65	/	/	<=30	Pass
CP-OFDM 16 QAM	3480	Edge_1RB_Left	22.17	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	19.66	/	/	<=30	Pass
		Outer_Full	22.96	/	/	20.46	/	/	<=30	Pass
		Inner_Full	23.96	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	21.38	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.15	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	19.70	/	/	<=30	Pass
		Outer_Full	22.91	/	/	20.41	/	/	<=30	Pass
		Inner_Full	23.90	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	21.07	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.08	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	19.44	/	/	<=30	Pass
		Outer_Full	22.76	/	/	20.26	/	/	<=30	Pass
		Inner_Full	23.81	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Left	23.48	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	20.98	/	/	<=30	Pass
CP-OFDM 64 QAM	3480	Edge_1RB_Left	22.27	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	19.91	/	/	<=30	Pass
		Outer_Full	22.50	/	/	20.00	/	/	<=30	Pass
		Inner_Full	22.43	/	/	19.93	/	/	<=30	Pass

CP-OFDM 256 QAM	3500.01	Inner_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Right	22.48	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Left	22.27	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	19.82	/	/	<=30	Pass
		Outer_Full	22.48	/	/	19.98	/	/	<=30	Pass
		Inner_Full	22.38	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Left	22.31	/	/	19.81	/	/	<=30	Pass
		Inner_1RB_Right	22.36	/	/	19.86	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.26	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	19.74	/	/	<=30	Pass
		Outer_Full	22.32	/	/	19.82	/	/	<=30	Pass
		Inner_Full	22.28	/	/	19.78	/	/	<=30	Pass
		Inner_1RB_Left	22.37	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Right	22.31	/	/	19.81	/	/	<=30	Pass
	3480	Edge_1RB_Left	19.17	/	/	16.67	/	/	<=30	Pass
		Edge_1RB_Right	19.24	/	/	16.74	/	/	<=30	Pass
		Outer_Full	19.56	/	/	17.06	/	/	<=30	Pass
		Inner_Full	19.57	/	/	17.07	/	/	<=30	Pass
		Inner_1RB_Left	19.21	/	/	16.71	/	/	<=30	Pass
		Inner_1RB_Right	19.36	/	/	16.86	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.10	/	/	16.60	/	/	<=30	Pass
		Edge_1RB_Right	19.20	/	/	16.70	/	/	<=30	Pass
		Outer_Full	19.46	/	/	16.96	/	/	<=30	Pass
		Inner_Full	19.50	/	/	17.00	/	/	<=30	Pass
		Inner_1RB_Left	19.25	/	/	16.75	/	/	<=30	Pass
		Inner_1RB_Right	19.24	/	/	16.74	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	19.14	/	/	16.64	/	/	<=30	Pass
		Edge_1RB_Right	19.16	/	/	16.66	/	/	<=30	Pass
		Outer_Full	19.42	/	/	16.92	/	/	<=30	Pass
		Inner_Full	19.41	/	/	16.91	/	/	<=30	Pass
		Inner_1RB_Left	19.13	/	/	16.63	/	/	<=30	Pass
		Inner_1RB_Right	19.17	/	/	16.67	/	/	<=30	Pass

Note1: Antenna Gain: Ant8: -2.50dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.9 30_S_70M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3485.01	Edge_1RB_Left	22.30	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	19.73	/	/	<=30	Pass
		Outer_Full	22.87	/	/	20.37	/	/	<=30	Pass
		Inner_Full	24.38	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Left	24.16	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Right	24.12	/	/	21.62	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.29	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	19.75	/	/	<=30	Pass
		Outer_Full	22.81	/	/	20.31	/	/	<=30	Pass
		Inner_Full	24.33	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Left	24.10	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Right	24.05	/	/	21.55	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.17	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	19.71	/	/	<=30	Pass
		Outer_Full	22.76	/	/	20.26	/	/	<=30	Pass
		Inner_Full	24.26	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Left	24.08	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	21.48	/	/	<=30	Pass
DFT-s-OFDM QPSK	3485.01	Edge_1RB_Left	22.47	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	19.82	/	/	<=30	Pass
		Outer_Full	24.90	/	/	22.40	/	/	<=30	Pass
		Inner_Full	25.88	/	/	23.38	/	/	<=30	Pass

		Inner_1RB_Left	26.14	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Right	25.99	/	/	23.49	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.40	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	19.74	/	/	<=30	Pass
		Outer_Full	24.82	/	/	22.32	/	/	<=30	Pass
		Inner_Full	25.84	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Left	26.10	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Right	25.69	/	/	23.19	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.43	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	19.71	/	/	<=30	Pass
		Outer_Full	24.77	/	/	22.27	/	/	<=30	Pass
		Inner_Full	25.74	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Left	25.86	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Right	25.88	/	/	23.38	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Edge_1RB_Left	22.25	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	19.63	/	/	<=30	Pass
		Outer_Full	23.97	/	/	21.47	/	/	<=30	Pass
		Inner_Full	24.97	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	24.71	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Right	24.63	/	/	22.13	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.13	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	21.99	/	/	19.49	/	/	<=30	Pass
		Outer_Full	23.88	/	/	21.38	/	/	<=30	Pass
		Inner_Full	24.90	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	24.65	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Right	24.57	/	/	22.07	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.13	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	19.50	/	/	<=30	Pass
		Outer_Full	23.83	/	/	21.33	/	/	<=30	Pass
		Inner_Full	24.83	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Left	24.70	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Right	24.51	/	/	22.01	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Edge_1RB_Left	22.46	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	19.75	/	/	<=30	Pass
		Outer_Full	23.47	/	/	20.97	/	/	<=30	Pass
		Inner_Full	23.43	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	20.75	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.33	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	19.58	/	/	<=30	Pass
		Outer_Full	23.38	/	/	20.88	/	/	<=30	Pass
		Inner_Full	23.38	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Right	23.23	/	/	20.73	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.20	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	19.65	/	/	<=30	Pass
		Outer_Full	23.29	/	/	20.79	/	/	<=30	Pass
		Inner_Full	23.27	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	20.64	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Edge_1RB_Left	21.27	/	/	18.77	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	18.84	/	/	<=30	Pass
		Outer_Full	21.52	/	/	19.02	/	/	<=30	Pass
		Inner_Full	21.55	/	/	19.05	/	/	<=30	Pass
		Inner_1RB_Left	21.38	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Right	21.36	/	/	18.86	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.34	/	/	18.84	/	/	<=30	Pass
		Edge_1RB_Right	21.22	/	/	18.72	/	/	<=30	Pass
		Outer_Full	21.48	/	/	18.98	/	/	<=30	Pass
		Inner_Full	21.50	/	/	19.00	/	/	<=30	Pass
		Inner_1RB_Left	21.38	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Right	21.27	/	/	18.77	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.29	/	/	18.79	/	/	<=30	Pass
		Edge_1RB_Right	21.17	/	/	18.67	/	/	<=30	Pass

		Outer_Full	21.43	/	/	18.93	/	/	<=30	Pass
		Inner_Full	21.42	/	/	18.92	/	/	<=30	Pass
		Inner_1RB_Left	21.33	/	/	18.83	/	/	<=30	Pass
		Inner_1RB_Right	21.22	/	/	18.72	/	/	<=30	Pass
CP-OFDM QPSK	3485.01	Edge_1RB_Left	22.32	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	19.85	/	/	<=30	Pass
		Outer_Full	22.88	/	/	20.38	/	/	<=30	Pass
		Inner_Full	24.37	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Left	24.18	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Right	24.23	/	/	21.73	/	/	<=30	Pass
		Edge_1RB_Left	22.29	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	19.74	/	/	<=30	Pass
	3500.01	Outer_Full	22.83	/	/	20.33	/	/	<=30	Pass
		Inner_Full	24.31	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Left	24.19	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Right	24.20	/	/	21.70	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.27	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	19.65	/	/	<=30	Pass
		Outer_Full	22.79	/	/	20.29	/	/	<=30	Pass
		Inner_Full	24.27	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	24.09	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Right	24.17	/	/	21.67	/	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Edge_1RB_Left	22.06	/	/	19.56	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	19.64	/	/	<=30	Pass
		Outer_Full	22.90	/	/	20.40	/	/	<=30	Pass
		Inner_Full	23.88	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Left	23.80	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	21.04	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.21	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	19.50	/	/	<=30	Pass
		Outer_Full	22.87	/	/	20.37	/	/	<=30	Pass
		Inner_Full	23.84	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Left	23.68	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	21.07	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.14	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	19.61	/	/	<=30	Pass
		Outer_Full	22.77	/	/	20.27	/	/	<=30	Pass
		Inner_Full	23.79	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Left	23.65	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Right	23.50	/	/	21.00	/	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge_1RB_Left	22.44	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	19.85	/	/	<=30	Pass
		Outer_Full	22.45	/	/	19.95	/	/	<=30	Pass
		Inner_Full	22.44	/	/	19.94	/	/	<=30	Pass
		Inner_1RB_Left	22.43	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Right	22.38	/	/	19.88	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.39	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	19.81	/	/	<=30	Pass
		Outer_Full	22.38	/	/	19.88	/	/	<=30	Pass
		Inner_Full	22.37	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Left	22.41	/	/	19.91	/	/	<=30	Pass
		Inner_1RB_Right	22.29	/	/	19.79	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.37	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	19.67	/	/	<=30	Pass
		Outer_Full	22.32	/	/	19.82	/	/	<=30	Pass
		Inner_Full	22.31	/	/	19.81	/	/	<=30	Pass
		Inner_1RB_Left	22.42	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Right	22.24	/	/	19.74	/	/	<=30	Pass
CP-OFDM 256 QAM	3485.01	Edge_1RB_Left	19.21	/	/	16.71	/	/	<=30	Pass
		Edge_1RB_Right	19.27	/	/	16.77	/	/	<=30	Pass
		Outer_Full	19.51	/	/	17.01	/	/	<=30	Pass
		Inner_Full	19.54	/	/	17.04	/	/	<=30	Pass
		Inner_1RB_Left	19.27	/	/	16.77	/	/	<=30	Pass
		Inner_1RB_Right	19.30	/	/	16.80	/	/	<=30	Pass

	3500.01	Edge_1RB_Left	19.24	/	/	16.74	/	/	<=30	Pass
		Edge_1RB_Right	19.12	/	/	16.62	/	/	<=30	Pass
		Outer_Full	19.47	/	/	16.97	/	/	<=30	Pass
		Inner_Full	19.48	/	/	16.98	/	/	<=30	Pass
		Inner_1RB_Left	19.17	/	/	16.67	/	/	<=30	Pass
		Inner_1RB_Right	19.11	/	/	16.61	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	19.20	/	/	16.70	/	/	<=30	Pass
		Edge_1RB_Right	19.04	/	/	16.54	/	/	<=30	Pass
		Outer_Full	19.45	/	/	16.95	/	/	<=30	Pass
		Inner_Full	19.40	/	/	16.90	/	/	<=30	Pass
		Inner_1RB_Left	19.23	/	/	16.73	/	/	<=30	Pass
		Inner_1RB_Right	19.08	/	/	16.58	/	/	<=30	Pass
Note1: Antenna Gain: Ant8: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30_S_80M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3490.02	Edge_1RB_Left	22.22	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	19.62	/	/	<=30	Pass
		Outer_Full	18.14	/	/	15.64	/	/	<=30	Pass
		Inner_Full	24.35	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Left	24.18	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Right	24.05	/	/	21.55	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.23	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	19.67	/	/	<=30	Pass
		Outer_Full	22.84	/	/	20.34	/	/	<=30	Pass
		Inner_Full	24.34	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Left	24.14	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Right	23.96	/	/	21.46	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.18	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	22.06	/	/	19.56	/	/	<=30	Pass
		Outer_Full	22.79	/	/	20.29	/	/	<=30	Pass
		Inner_Full	24.29	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Left	24.13	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	23.96	/	/	21.46	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Edge_1RB_Left	22.43	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	19.73	/	/	<=30	Pass
		Outer_Full	24.88	/	/	22.38	/	/	<=30	Pass
		Inner_Full	25.89	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	25.94	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Right	25.79	/	/	23.29	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.43	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	19.69	/	/	<=30	Pass
		Outer_Full	24.84	/	/	22.34	/	/	<=30	Pass
		Inner_Full	25.85	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Left	26.02	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	25.79	/	/	23.29	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.42	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	19.68	/	/	<=30	Pass
		Outer_Full	24.83	/	/	22.33	/	/	<=30	Pass
		Inner_Full	25.84	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Left	25.91	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	25.55	/	/	23.05	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Edge_1RB_Left	22.24	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	19.54	/	/	<=30	Pass
		Outer_Full	23.91	/	/	21.41	/	/	<=30	Pass
		Inner_Full	24.90	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Right	24.57	/	/	22.07	/	/	<=30	Pass

	3500.01	Edge_1RB_Left	22.22	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	19.44	/	/	<=30	Pass
		Outer_Full	23.89	/	/	21.39	/	/	<=30	Pass
		Inner_Full	24.86	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Left	24.65	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Right	24.51	/	/	22.01	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.09	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	19.40	/	/	<=30	Pass
		Outer_Full	23.83	/	/	21.33	/	/	<=30	Pass
		Inner_Full	24.86	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Left	24.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Right	24.43	/	/	21.93	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Edge_1RB_Left	22.37	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	19.69	/	/	<=30	Pass
		Outer_Full	23.40	/	/	20.90	/	/	<=30	Pass
		Inner_Full	23.36	/	/	20.86	/	/	<=30	Pass
		Inner_1RB_Left	23.35	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Right	23.11	/	/	20.61	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.24	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	19.66	/	/	<=30	Pass
		Outer_Full	23.36	/	/	20.86	/	/	<=30	Pass
		Inner_Full	23.35	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Right	23.16	/	/	20.66	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.34	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	19.54	/	/	<=30	Pass
		Outer_Full	23.32	/	/	20.82	/	/	<=30	Pass
		Inner_Full	23.31	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Left	23.35	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Right	23.04	/	/	20.54	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Edge_1RB_Left	21.34	/	/	18.84	/	/	<=30	Pass
		Edge_1RB_Right	21.21	/	/	18.71	/	/	<=30	Pass
		Outer_Full	21.50	/	/	19.00	/	/	<=30	Pass
		Inner_Full	21.54	/	/	19.04	/	/	<=30	Pass
		Inner_1RB_Left	21.39	/	/	18.89	/	/	<=30	Pass
		Inner_1RB_Right	21.26	/	/	18.76	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.41	/	/	18.91	/	/	<=30	Pass
		Edge_1RB_Right	21.23	/	/	18.73	/	/	<=30	Pass
		Outer_Full	21.47	/	/	18.97	/	/	<=30	Pass
		Inner_Full	21.50	/	/	19.00	/	/	<=30	Pass
		Inner_1RB_Left	21.36	/	/	18.86	/	/	<=30	Pass
		Inner_1RB_Right	21.24	/	/	18.74	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.36	/	/	18.86	/	/	<=30	Pass
		Edge_1RB_Right	21.20	/	/	18.70	/	/	<=30	Pass
		Outer_Full	21.46	/	/	18.96	/	/	<=30	Pass
		Inner_Full	21.50	/	/	19.00	/	/	<=30	Pass
		Inner_1RB_Left	21.40	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Right	21.22	/	/	18.72	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Edge_1RB_Left	22.28	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	19.76	/	/	<=30	Pass
		Outer_Full	22.85	/	/	20.35	/	/	<=30	Pass
		Inner_Full	24.35	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Left	24.14	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Right	24.10	/	/	21.60	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.29	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	19.72	/	/	<=30	Pass
		Outer_Full	22.83	/	/	20.33	/	/	<=30	Pass
		Inner_Full	24.38	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Left	24.27	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Right	24.12	/	/	21.62	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.21	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	19.72	/	/	<=30	Pass
		Outer_Full	22.80	/	/	20.30	/	/	<=30	Pass
		Inner_Full	24.29	/	/	21.79	/	/	<=30	Pass

		Inner_1RB_Left	24.16	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Right	24.02	/	/	21.52	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Edge_1RB_Left	22.07	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	19.55	/	/	<=30	Pass
		Outer_Full	22.83	/	/	20.33	/	/	<=30	Pass
		Inner_Full	23.89	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	21.07	/	/	<=30	Pass
		Edge_1RB_Left	22.05	/	/	19.55	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	22.07	/	/	19.57	/	/	<=30	Pass
		Outer_Full	22.83	/	/	20.33	/	/	<=30	Pass
		Inner_Full	23.84	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Left	23.71	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	20.99	/	/	<=30	Pass
		Edge_1RB_Left	22.00	/	/	19.50	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	19.43	/	/	<=30	Pass
	3510	Outer_Full	22.82	/	/	20.32	/	/	<=30	Pass
		Inner_Full	23.82	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	23.56	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	21.02	/	/	<=30	Pass
		Edge_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
CP-OFDM 64 QAM	3490.02	Edge_1RB_Right	22.24	/	/	19.74	/	/	<=30	Pass
		Outer_Full	22.39	/	/	19.89	/	/	<=30	Pass
		Inner_Full	22.39	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Left	22.43	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Right	22.26	/	/	19.76	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.34	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	19.68	/	/	<=30	Pass
		Outer_Full	22.37	/	/	19.87	/	/	<=30	Pass
		Inner_Full	22.34	/	/	19.84	/	/	<=30	Pass
		Inner_1RB_Left	22.42	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Right	22.21	/	/	19.71	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.31	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	19.67	/	/	<=30	Pass
		Outer_Full	22.33	/	/	19.83	/	/	<=30	Pass
		Inner_Full	22.32	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Left	22.42	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Right	22.25	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Left	19.23	/	/	16.73	/	/	<=30	Pass
CP-OFDM 256 QAM	3490.02	Edge_1RB_Right	19.12	/	/	16.62	/	/	<=30	Pass
		Outer_Full	19.45	/	/	16.95	/	/	<=30	Pass
		Inner_Full	19.49	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Left	19.23	/	/	16.73	/	/	<=30	Pass
		Inner_1RB_Right	19.17	/	/	16.67	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.17	/	/	16.67	/	/	<=30	Pass
		Edge_1RB_Right	18.97	/	/	16.47	/	/	<=30	Pass
		Outer_Full	19.46	/	/	16.96	/	/	<=30	Pass
		Inner_Full	19.46	/	/	16.96	/	/	<=30	Pass
		Inner_1RB_Left	19.25	/	/	16.75	/	/	<=30	Pass
		Inner_1RB_Right	19.04	/	/	16.54	/	/	<=30	Pass
	3510	Edge_1RB_Left	19.21	/	/	16.71	/	/	<=30	Pass
		Edge_1RB_Right	19.08	/	/	16.58	/	/	<=30	Pass
		Outer_Full	19.44	/	/	16.94	/	/	<=30	Pass
		Inner_Full	19.46	/	/	16.96	/	/	<=30	Pass
		Inner_1RB_Left	19.18	/	/	16.68	/	/	<=30	Pass
		Inner_1RB_Right	19.04	/	/	16.54	/	/	<=30	Pass

Note1: Antenna Gain: Ant8: -2.50dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30_S_90M_NTNV_EIRP

Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3495	Edge 1RB Left	22.45	/	/	19.95	/	/	<=30	Pass
		Edge 1RB Right	22.14	/	/	19.64	/	/	<=30	Pass
		Outer Full	25.32	/	/	22.82	/	/	<=30	Pass
		Inner Full	25.83	/	/	23.33	/	/	<=30	Pass
		Inner 1RB Left	25.96	/	/	23.46	/	/	<=30	Pass
		Inner 1RB Right	25.61	/	/	23.11	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.24	/	/	19.74	/	/	<=30	Pass
		Edge 1RB Right	22.06	/	/	19.56	/	/	<=30	Pass
		Outer Full	22.86	/	/	20.36	/	/	<=30	Pass
		Inner Full	24.34	/	/	21.84	/	/	<=30	Pass
		Inner 1RB Left	24.22	/	/	21.72	/	/	<=30	Pass
		Inner 1RB Right	23.94	/	/	21.44	/	/	<=30	Pass
	3504.99	Edge 1RB Left	22.31	/	/	19.81	/	/	<=30	Pass
		Edge 1RB Right	22.10	/	/	19.60	/	/	<=30	Pass
		Outer Full	22.80	/	/	20.30	/	/	<=30	Pass
		Inner Full	24.28	/	/	21.78	/	/	<=30	Pass
		Inner 1RB Left	24.22	/	/	21.72	/	/	<=30	Pass
		Inner 1RB Right	23.95	/	/	21.45	/	/	<=30	Pass
DFT-s-OFDM QPSK	3495	Edge 1RB Left	22.54	/	/	20.04	/	/	<=30	Pass
		Edge 1RB Right	22.20	/	/	19.70	/	/	<=30	Pass
		Outer Full	24.93	/	/	22.43	/	/	<=30	Pass
		Inner Full	25.92	/	/	23.42	/	/	<=30	Pass
		Inner 1RB Left	26.02	/	/	23.52	/	/	<=30	Pass
		Inner 1RB Right	25.68	/	/	23.18	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.44	/	/	19.94	/	/	<=30	Pass
		Edge 1RB Right	22.17	/	/	19.67	/	/	<=30	Pass
		Outer Full	24.86	/	/	22.36	/	/	<=30	Pass
		Inner Full	25.88	/	/	23.38	/	/	<=30	Pass
		Inner 1RB Left	26.06	/	/	23.56	/	/	<=30	Pass
		Inner 1RB Right	25.84	/	/	23.34	/	/	<=30	Pass
	3504.99	Edge 1RB Left	22.49	/	/	19.99	/	/	<=30	Pass
		Edge 1RB Right	22.12	/	/	19.62	/	/	<=30	Pass
		Outer Full	24.84	/	/	22.34	/	/	<=30	Pass
		Inner Full	25.79	/	/	23.29	/	/	<=30	Pass
		Inner 1RB Left	26.00	/	/	23.50	/	/	<=30	Pass
		Inner 1RB Right	25.78	/	/	23.28	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Edge 1RB Left	22.22	/	/	19.72	/	/	<=30	Pass
		Edge 1RB Right	21.91	/	/	19.41	/	/	<=30	Pass
		Outer Full	23.91	/	/	21.41	/	/	<=30	Pass
		Inner Full	24.90	/	/	22.40	/	/	<=30	Pass
		Inner 1RB Left	24.91	/	/	22.41	/	/	<=30	Pass
		Inner 1RB Right	24.42	/	/	21.92	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.18	/	/	19.68	/	/	<=30	Pass
		Edge 1RB Right	21.99	/	/	19.49	/	/	<=30	Pass
		Outer Full	23.89	/	/	21.39	/	/	<=30	Pass
		Inner Full	24.90	/	/	22.40	/	/	<=30	Pass
		Inner 1RB Left	24.81	/	/	22.31	/	/	<=30	Pass
		Inner 1RB Right	24.43	/	/	21.93	/	/	<=30	Pass
	3504.99	Edge 1RB Left	22.21	/	/	19.71	/	/	<=30	Pass
		Edge 1RB Right	21.95	/	/	19.45	/	/	<=30	Pass
		Outer Full	23.81	/	/	21.31	/	/	<=30	Pass
		Inner Full	24.81	/	/	22.31	/	/	<=30	Pass
		Inner 1RB Left	24.83	/	/	22.33	/	/	<=30	Pass
		Inner 1RB Right	24.43	/	/	21.93	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge 1RB Left	22.33	/	/	19.83	/	/	<=30	Pass
		Edge 1RB Right	22.16	/	/	19.66	/	/	<=30	Pass
		Outer Full	23.39	/	/	20.89	/	/	<=30	Pass
		Inner Full	23.40	/	/	20.90	/	/	<=30	Pass
		Inner 1RB Left	23.29	/	/	20.79	/	/	<=30	Pass
		Inner 1RB Right	23.07	/	/	20.57	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.39	/	/	19.89	/	/	<=30	Pass
		Edge 1RB Right	22.18	/	/	19.68	/	/	<=30	Pass

		Outer_Full	23.38	/	/	20.88	/	/	<=30	Pass
		Inner_Full	23.37	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Left	23.40	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Right	23.03	/	/	20.53	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.46	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	19.66	/	/	<=30	Pass
		Outer_Full	23.32	/	/	20.82	/	/	<=30	Pass
		Inner_Full	23.31	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Right	23.02	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Left	21.39	/	/	18.89	/	/	<=30	Pass
		Edge_1RB_Right	21.20	/	/	18.70	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Outer_Full	21.47	/	/	18.97	/	/	<=30	Pass
		Inner_Full	21.58	/	/	19.08	/	/	<=30	Pass
		Inner_1RB_Left	21.43	/	/	18.93	/	/	<=30	Pass
		Inner_1RB_Right	21.25	/	/	18.75	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.43	/	/	18.93	/	/	<=30	Pass
		Edge_1RB_Right	21.16	/	/	18.66	/	/	<=30	Pass
		Outer_Full	21.47	/	/	18.97	/	/	<=30	Pass
		Inner_Full	21.49	/	/	18.99	/	/	<=30	Pass
		Inner_1RB_Left	21.38	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Right	21.24	/	/	18.74	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.31	/	/	18.81	/	/	<=30	Pass
		Edge_1RB_Right	21.15	/	/	18.65	/	/	<=30	Pass
		Outer_Full	21.47	/	/	18.97	/	/	<=30	Pass
		Inner_Full	21.54	/	/	19.04	/	/	<=30	Pass
		Inner_1RB_Left	21.43	/	/	18.93	/	/	<=30	Pass
		Inner_1RB_Right	21.16	/	/	18.66	/	/	<=30	Pass
CP-OFDM QPSK	3495	Edge_1RB_Left	22.33	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	19.69	/	/	<=30	Pass
		Outer_Full	22.87	/	/	20.37	/	/	<=30	Pass
		Inner_Full	24.30	/	/	21.80	/	/	<=30	Pass
		Inner_1RB_Left	24.25	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	21.48	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.35	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	19.69	/	/	<=30	Pass
		Outer_Full	22.83	/	/	20.33	/	/	<=30	Pass
		Inner_Full	24.27	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	24.43	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Right	24.24	/	/	21.74	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.39	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	19.66	/	/	<=30	Pass
		Outer_Full	22.78	/	/	20.28	/	/	<=30	Pass
		Inner_Full	24.25	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Left	24.29	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Right	24.05	/	/	21.55	/	/	<=30	Pass
CP-OFDM 16 QAM	3495	Edge_1RB_Left	22.15	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	19.52	/	/	<=30	Pass
		Outer_Full	22.88	/	/	20.38	/	/	<=30	Pass
		Inner_Full	23.90	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Left	23.74	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	20.91	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.08	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	21.95	/	/	19.45	/	/	<=30	Pass
		Outer_Full	22.86	/	/	20.36	/	/	<=30	Pass
		Inner_Full	23.83	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Left	23.75	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	20.99	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.21	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	21.85	/	/	19.35	/	/	<=30	Pass
		Outer_Full	22.81	/	/	20.31	/	/	<=30	Pass
		Inner_Full	23.77	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Right	23.47	/	/	20.97	/	/	<=30	Pass

CP-OFDM 64 QAM	3495	Edge_1RB_Left	22.47	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	19.71	/	/	<=30	Pass
		Outer_Full	22.37	/	/	19.87	/	/	<=30	Pass
		Inner_Full	22.43	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Left	22.50	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Right	22.31	/	/	19.81	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.36	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	19.71	/	/	<=30	Pass
		Outer_Full	22.33	/	/	19.83	/	/	<=30	Pass
		Inner_Full	22.35	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Left	22.49	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Right	22.24	/	/	19.74	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.42	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	19.64	/	/	<=30	Pass
		Outer_Full	22.28	/	/	19.78	/	/	<=30	Pass
		Inner_Full	22.33	/	/	19.83	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	19.70	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Edge_1RB_Left	19.24	/	/	16.74	/	/	<=30	Pass
		Edge_1RB_Right	19.02	/	/	16.52	/	/	<=30	Pass
		Outer_Full	19.43	/	/	16.93	/	/	<=30	Pass
		Inner_Full	19.49	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Left	19.37	/	/	16.87	/	/	<=30	Pass
		Inner_1RB_Right	19.11	/	/	16.61	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.23	/	/	16.73	/	/	<=30	Pass
		Edge_1RB_Right	19.04	/	/	16.54	/	/	<=30	Pass
		Outer_Full	19.47	/	/	16.97	/	/	<=30	Pass
		Inner_Full	19.50	/	/	17.00	/	/	<=30	Pass
		Inner_1RB_Left	19.32	/	/	16.82	/	/	<=30	Pass
		Inner_1RB_Right	19.11	/	/	16.61	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	19.25	/	/	16.75	/	/	<=30	Pass
		Edge_1RB_Right	19.05	/	/	16.55	/	/	<=30	Pass
		Outer_Full	19.48	/	/	16.98	/	/	<=30	Pass
		Inner_Full	19.45	/	/	16.95	/	/	<=30	Pass
		Inner_1RB_Left	19.36	/	/	16.86	/	/	<=30	Pass
		Inner_1RB_Right	19.11	/	/	16.61	/	/	<=30	Pass
Note1: Antenna Gain: Ant8: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.12 30_S_100M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 100MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	19.51	/	/	<=30	Pass
		Outer_Full	22.83	/	/	20.33	/	/	<=30	Pass
		Inner_Full	24.28	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Left	24.22	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Right	23.92	/	/	21.42	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge_1RB_Left	22.47	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	19.61	/	/	<=30	Pass
		Outer_Full	24.82	/	/	22.32	/	/	<=30	Pass
		Inner_Full	25.82	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	26.13	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Right	25.49	/	/	22.99	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge_1RB_Left	22.20	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	21.91	/	/	19.41	/	/	<=30	Pass
		Outer_Full	23.89	/	/	21.39	/	/	<=30	Pass
		Inner_Full	24.85	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Left	24.71	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Right	24.36	/	/	21.86	/	/	<=30	Pass

DFT-s-OFDM 64 QAM	3500.01	Edge_1RB_Left	22.44	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	19.64	/	/	<=30	Pass
		Outer_Full	23.38	/	/	20.88	/	/	<=30	Pass
		Inner_Full	23.37	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Right	22.98	/	/	20.48	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge_1RB_Left	21.44	/	/	18.94	/	/	<=30	Pass
		Edge_1RB_Right	21.04	/	/	18.54	/	/	<=30	Pass
		Outer_Full	21.45	/	/	18.95	/	/	<=30	Pass
		Inner_Full	21.49	/	/	18.99	/	/	<=30	Pass
		Inner_1RB_Left	21.40	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Right	21.14	/	/	18.64	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	22.34	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	19.67	/	/	<=30	Pass
		Outer_Full	22.80	/	/	20.30	/	/	<=30	Pass
		Inner_Full	24.28	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Left	24.31	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Right	23.95	/	/	21.45	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	22.24	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	19.37	/	/	<=30	Pass
		Outer_Full	22.86	/	/	20.36	/	/	<=30	Pass
		Inner_Full	23.86	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Left	23.75	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	20.88	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	22.43	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	19.61	/	/	<=30	Pass
		Outer_Full	22.39	/	/	19.89	/	/	<=30	Pass
		Inner_Full	22.36	/	/	19.86	/	/	<=30	Pass
		Inner_1RB_Left	22.45	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Right	22.14	/	/	19.64	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	19.24	/	/	16.74	/	/	<=30	Pass
		Edge_1RB_Right	19.05	/	/	16.55	/	/	<=30	Pass
		Outer_Full	19.44	/	/	16.94	/	/	<=30	Pass
		Inner_Full	19.45	/	/	16.95	/	/	<=30	Pass
		Inner_1RB_Left	19.28	/	/	16.78	/	/	<=30	Pass
		Inner_1RB_Right	19.03	/	/	16.53	/	/	<=30	Pass
Note1: Antenna Gain: Ant8: -2.50dBi; 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	-2089.16	-0.5969	>=-2.5 & <=2.5	Pass
				HV	0.13	0.0000	>=-2.5 & <=2.5	Pass
			-30	NV	-5.42	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-15.09	-0.0043	>=-2.5 & <=2.5	Pass
			-10	NV	-16.58	-0.0047	>=-2.5 & <=2.5	Pass
			0	NV	-11.67	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-15.15	-0.0043	>=-2.5 & <=2.5	Pass
			20	NV	-20.36	-0.0058	>=-2.5 & <=2.5	Pass
			30	NV	-12.31	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-5.77	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-13.57	-0.0039	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_S_10M_NTNV

5G NR n77d SCS=30kHz SISO 10MHz 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	8.66	9.56	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	8.64	9.66	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	8.64	9.51	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	8.71	9.52	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	8.69	9.67	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	8.66	9.57	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	8.69	9.43	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	8.67	9.51	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	8.67	9.43	/	Pass

3.1.2 30_S_15M_NTNV

5G NR n77d SCS=30kHz SISO 15MHz 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	13.02	14.17	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	13.04	14.06	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	13.04	14.06	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	13.08	14.17	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	13.04	14.04	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	13.73	14.85	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	13.69	14.87	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	13.73	14.88	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	13.70	14.82	/	Pass

3.1.3 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	18.13	19.38	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	18.10	19.52	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	18.09	19.52	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	18.12	19.37	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	18.10	19.39	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	18.44	19.78	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	18.38	19.68	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	18.42	19.71	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	18.36	19.74	/	Pass

3.1.4 30_S_25M_NTNV

5G NR n77d SCS=30kHz SISO 25MHz 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	23.16	24.71	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	23.11	24.80	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	23.07	24.68	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	23.16	24.77	/	Pass

DFT-s-OFDM 256 QAM	3500.01	Outer_Full	23.22	24.75	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	23.43	25.07	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	23.47	25.06	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	23.37	25.07	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	23.39	24.99	/	Pass

3.1.5 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	27.06	28.88	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	27.01	29.04	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	27.13	29.26	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	27.19	29.02	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	27.11	29.12	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	28.09	30.09	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	28.12	30.11	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	28.09	30.09	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	28.04	30.01	/	Pass

3.1.6 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	35.97	38.60	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	36.01	38.78	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	36.00	38.66	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	36.11	38.58	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	36.19	38.68	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	38.11	40.64	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	38.17	40.85	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	38.19	40.74	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	38.03	40.67	/	Pass

3.1.7 30_S_50M_NTNV

5G NR n77d 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	3500.01	Outer_Full	46.02	49.38	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	45.96	49.37	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	45.98	49.27	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	46.03	49.37	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	46.16	49.46	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	47.73	51.01	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	47.80	50.98	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	47.69	51.18	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	47.69	50.90	/	Pass

3.1.8 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	58.21	62.15	/	Pass

DFT-s-OFDM QPSK	3500.01	Outer_Full	58.20	62.22	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	58.18	62.27	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	58.30	62.34	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	58.23	62.42	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	58.19	62.29	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	58.29	62.27	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	58.24	62.12	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	58.29	62.17	/	Pass

3.1.9 30 S 70M NTNV

5G NR n77d SCS=30kHz SISO 70MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer Full	64.82	69.44	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer Full	64.70	69.53	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer Full	64.80	69.46	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer Full	64.90	69.50	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer Full	64.96	69.53	/	Pass
CP-OFDM QPSK	3500.01	Outer Full	68.16	72.71	/	Pass
CP-OFDM 16 QAM	3500.01	Outer Full	68.02	72.72	/	Pass
CP-OFDM 64 QAM	3500.01	Outer Full	68.14	79.49	/	Pass
CP-OFDM 256 QAM	3500.01	Outer Full	67.96	72.59	/	Pass

3.1.10 30 S 80M NTNv

5G NR n77d SCS=30kHz SISO 80MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer Full	77.41	82.60	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer Full	77.26	82.99	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer Full	77.53	82.51	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer Full	77.34	82.54	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer Full	77.71	82.76	/	Pass
CP-OFDM QPSK	3500.01	Outer Full	77.69	82.85	/	Pass
CP-OFDM 16 QAM	3500.01	Outer Full	77.68	83.03	/	Pass
CP-OFDM 64 QAM	3500.01	Outer Full	78.01	83.08	/	Pass
CP-OFDM 256 QAM	3500.01	Outer Full	77.61	83.12	/	Pass

3.1.11 30 S 90M NTNv

5G NR n77d SCS=30kHz SISO 90MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	87.03	93.02	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	86.94	93.22	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	87.30	92.79	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	87.14	92.91	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	87.49	92.72	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	87.80	93.61	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	88.14	93.74	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	87.73	93.94	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	88.08	93.47	/	Pass

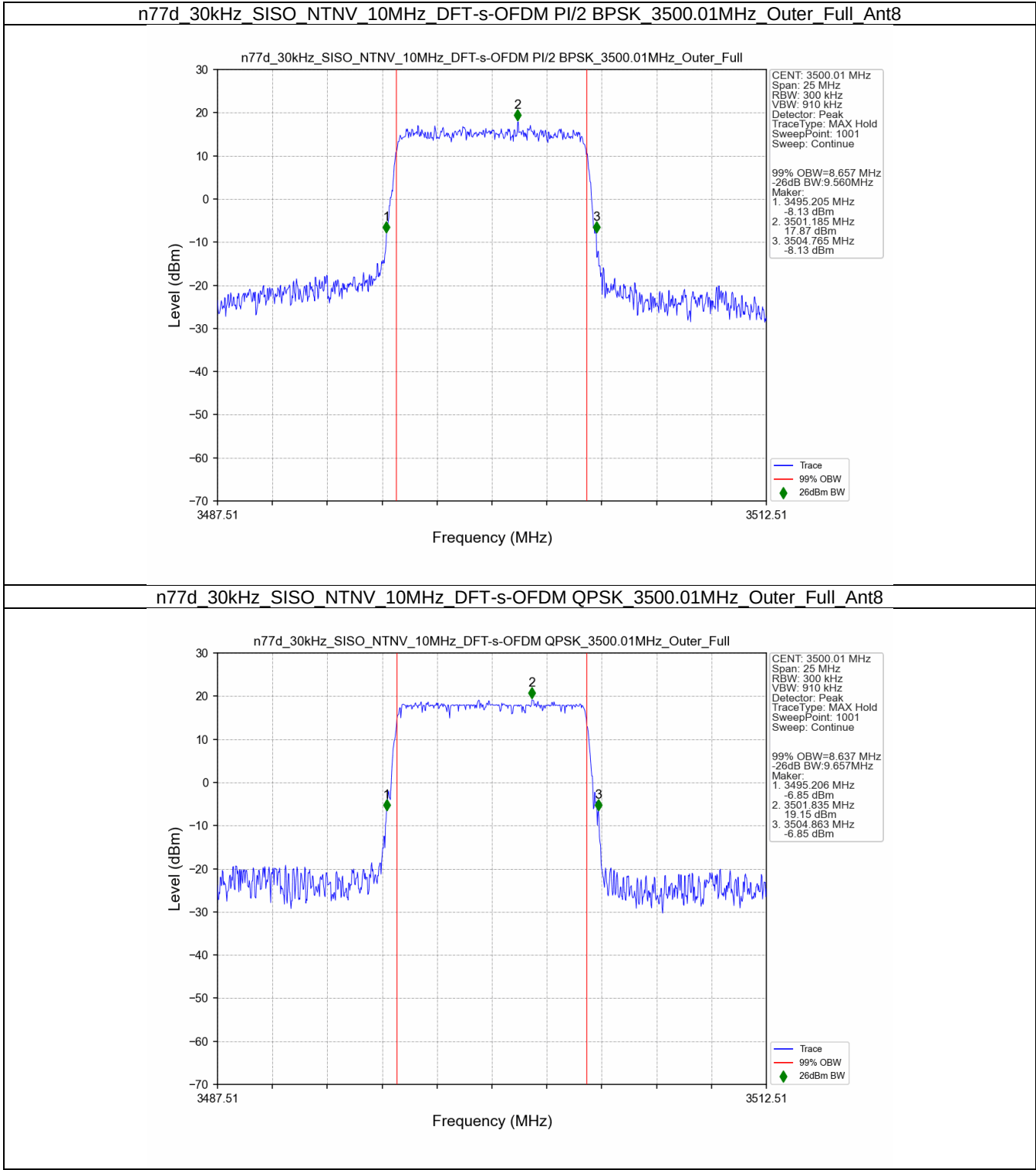
3.1.12 30 S 100M NTNV

5G NR n77d SCS=30kHz SISO 100MHz NTNv

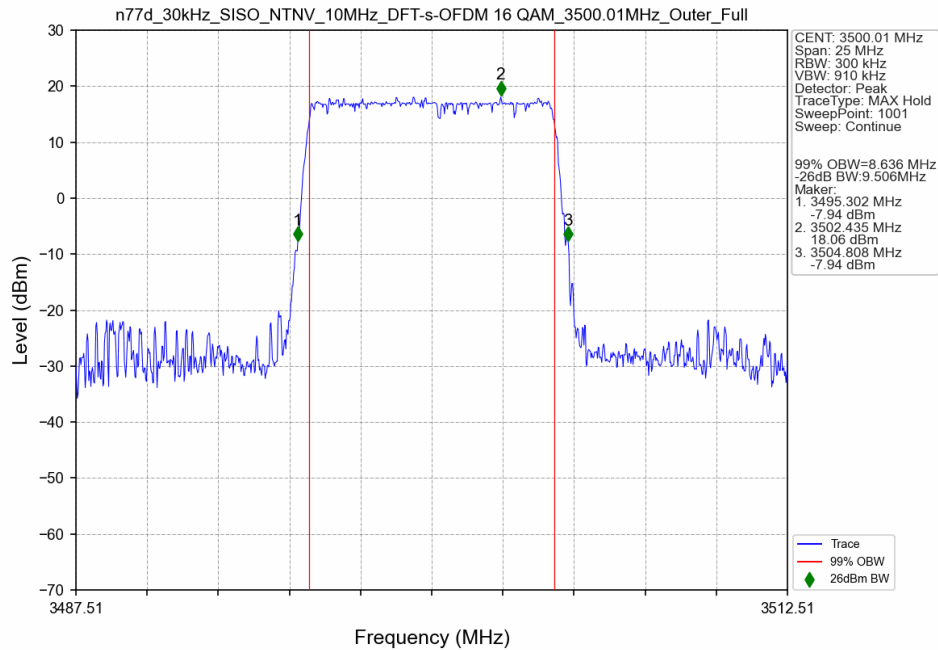
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer Full	96.85	103.26	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer Full	97.05	103.05	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer Full	97.15	103.43	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer Full	97.27	103.47	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer Full	96.81	103.07	/	Pass
CP-OFDM QPSK	3500.01	Outer Full	98.01	104.71	/	Pass
CP-OFDM 16 QAM	3500.01	Outer Full	98.25	104.46	/	Pass
CP-OFDM 64 QAM	3500.01	Outer Full	97.92	104.93	/	Pass
CP-OFDM 256 QAM	3500.01	Outer Full	97.74	104.42	/	Pass

3.2 Test Graph

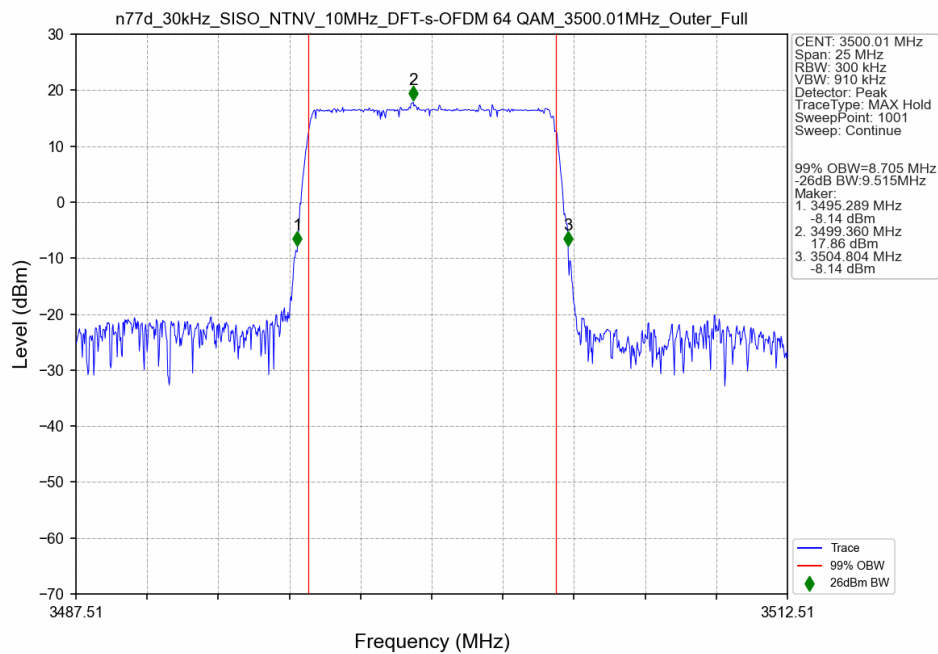
3.2.1 30_S_10M_NTNV



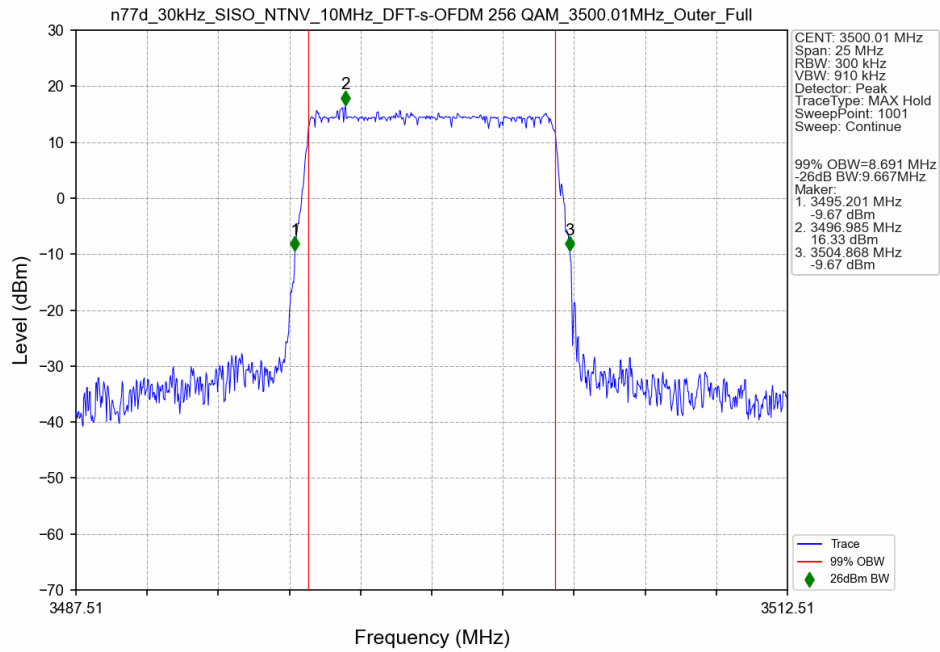
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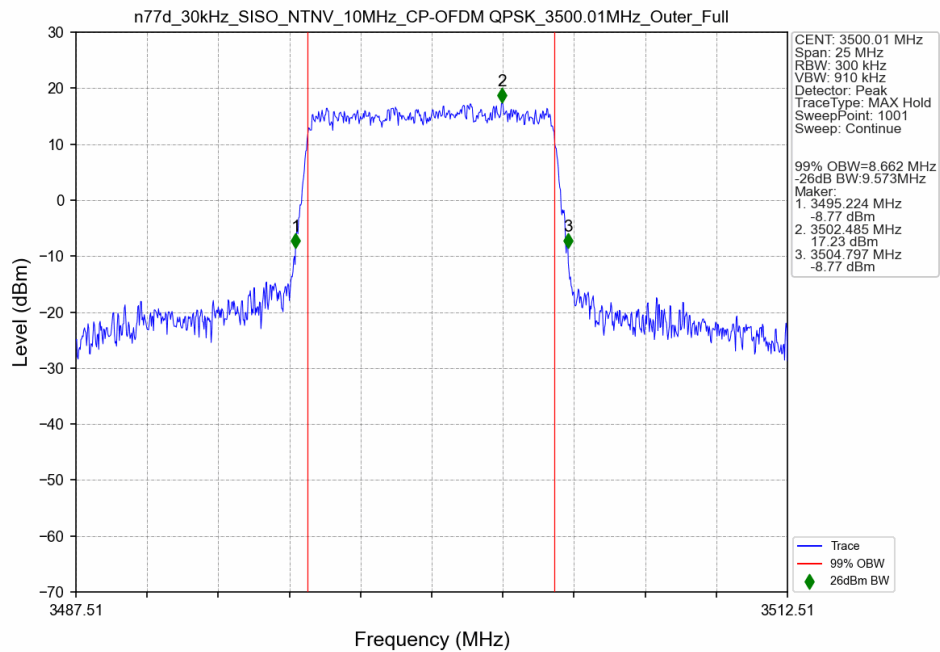
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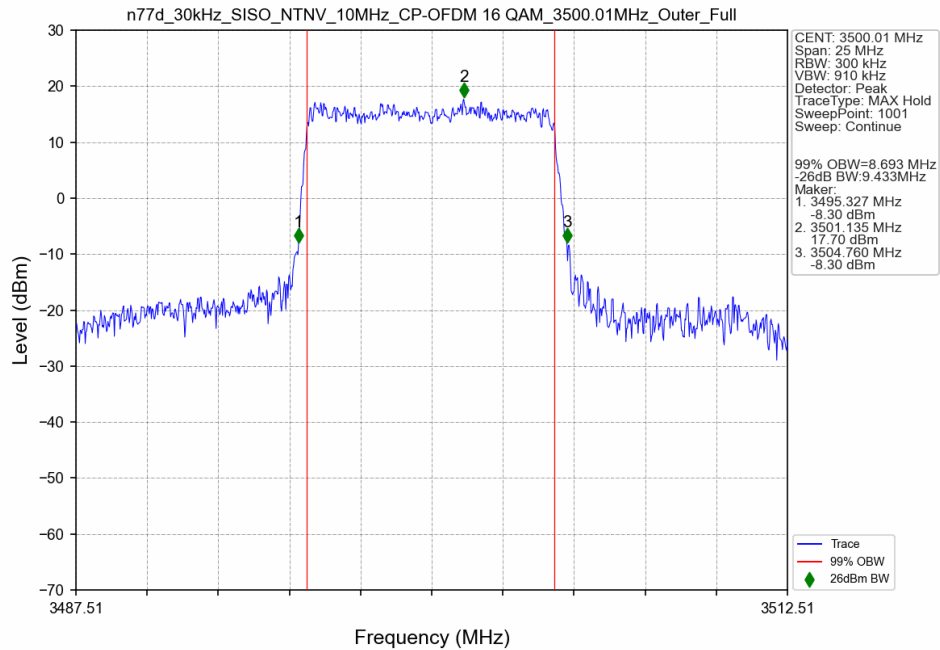
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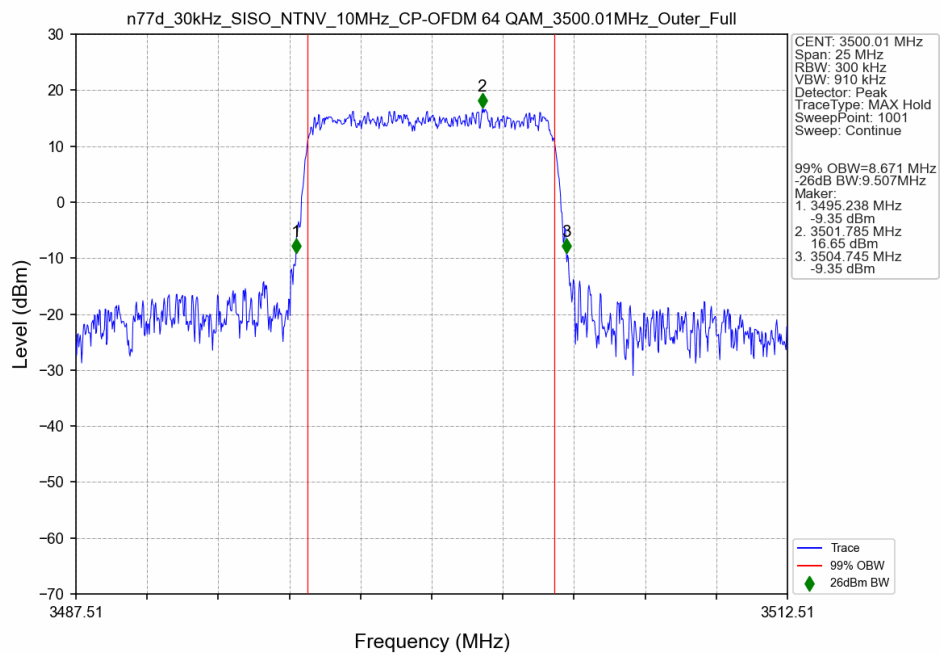
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full_Ant8



n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full_Ant8

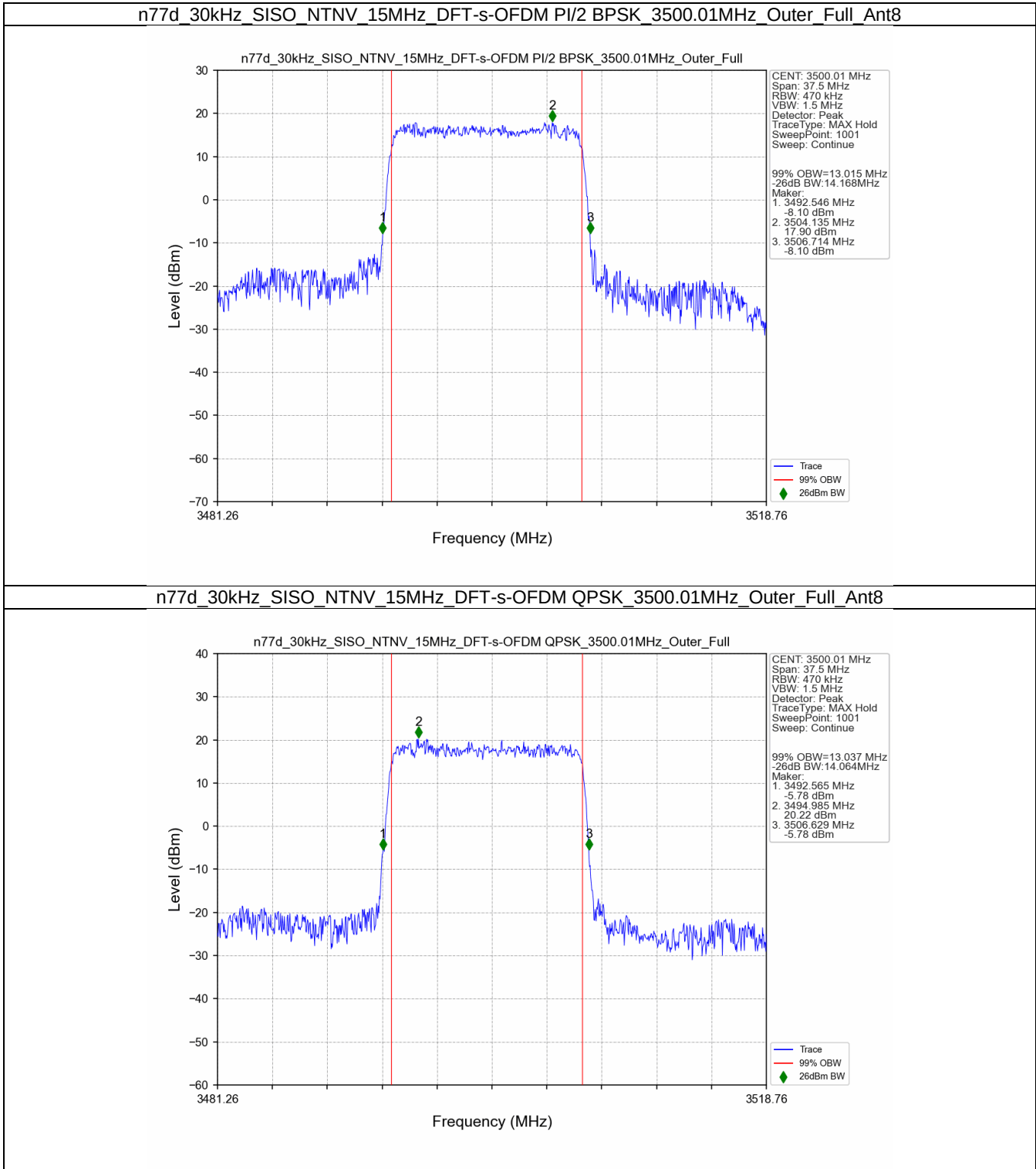


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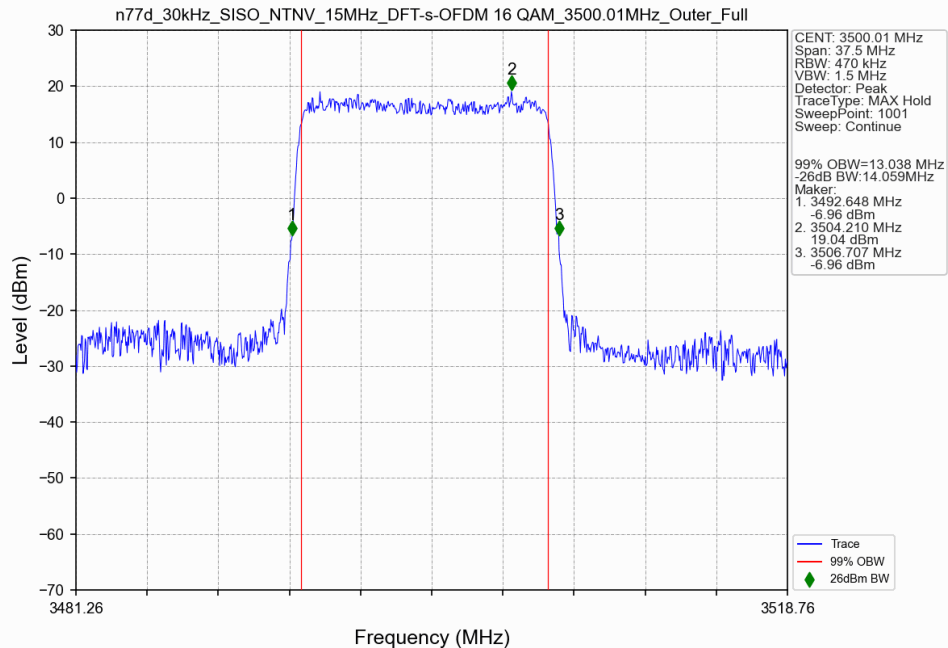




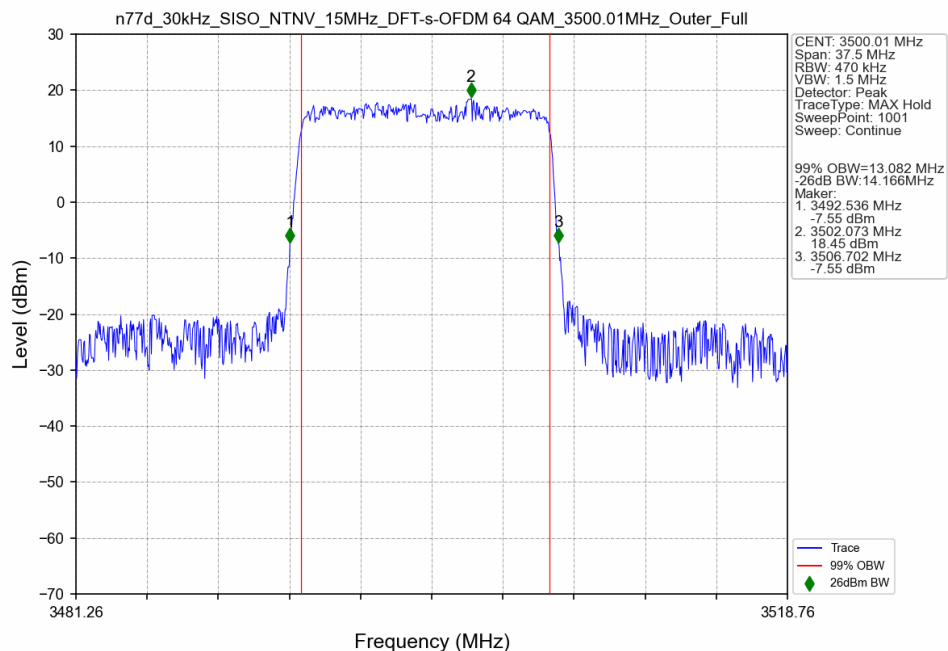
3.2.2 30_S_15M_NTNV



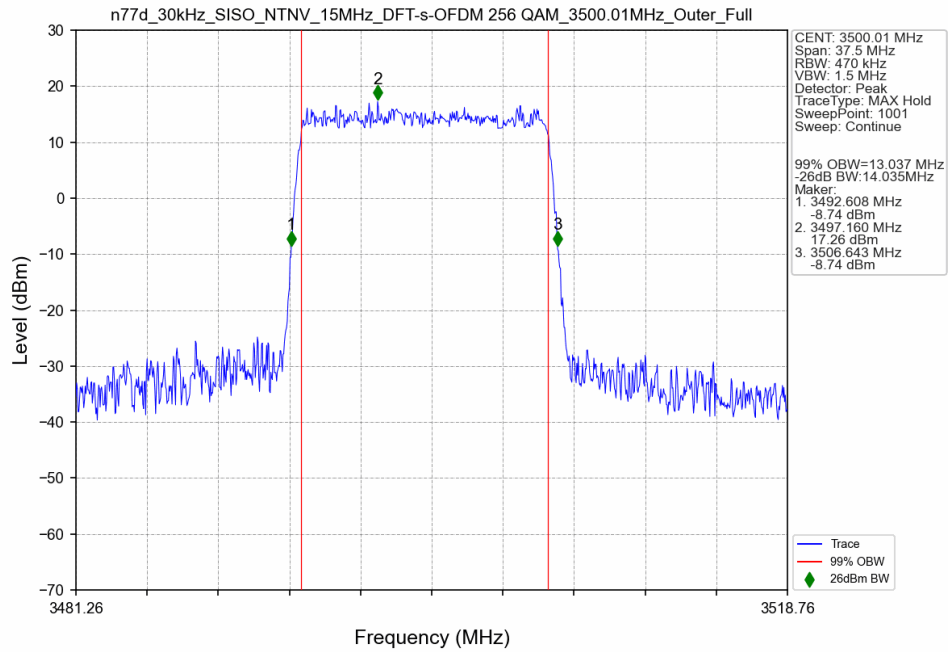
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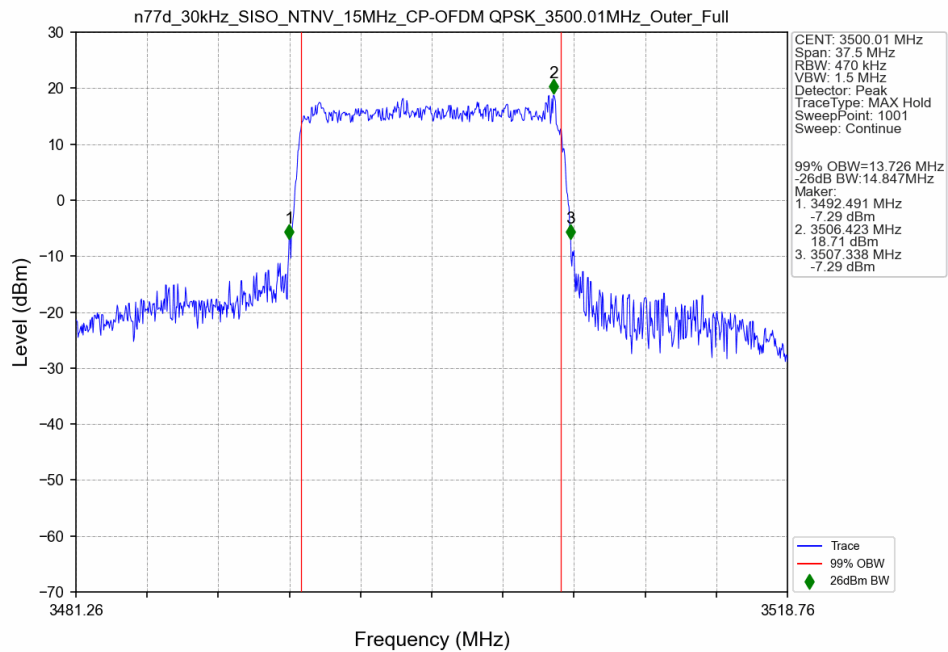
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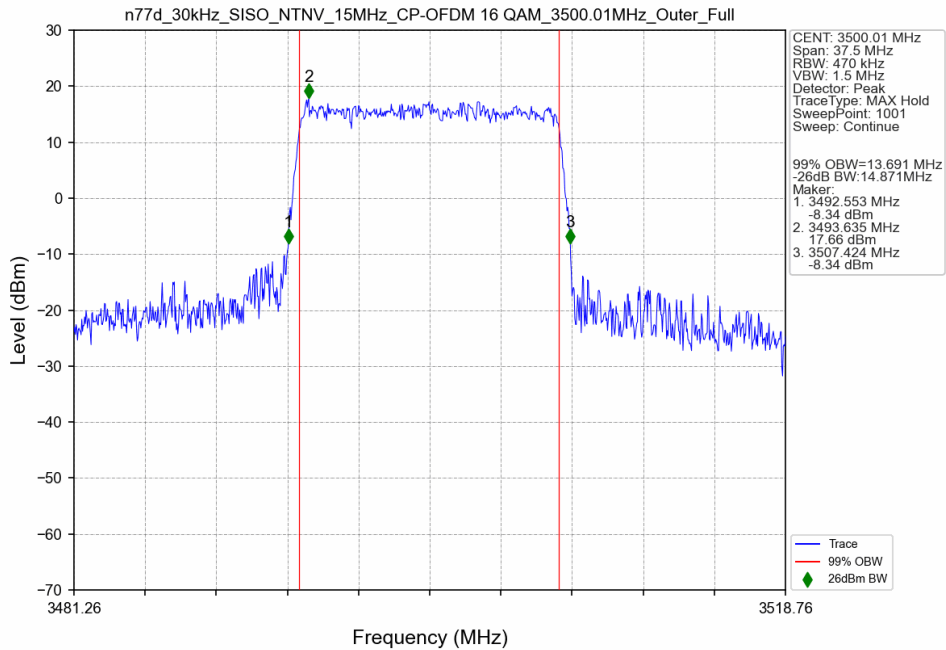
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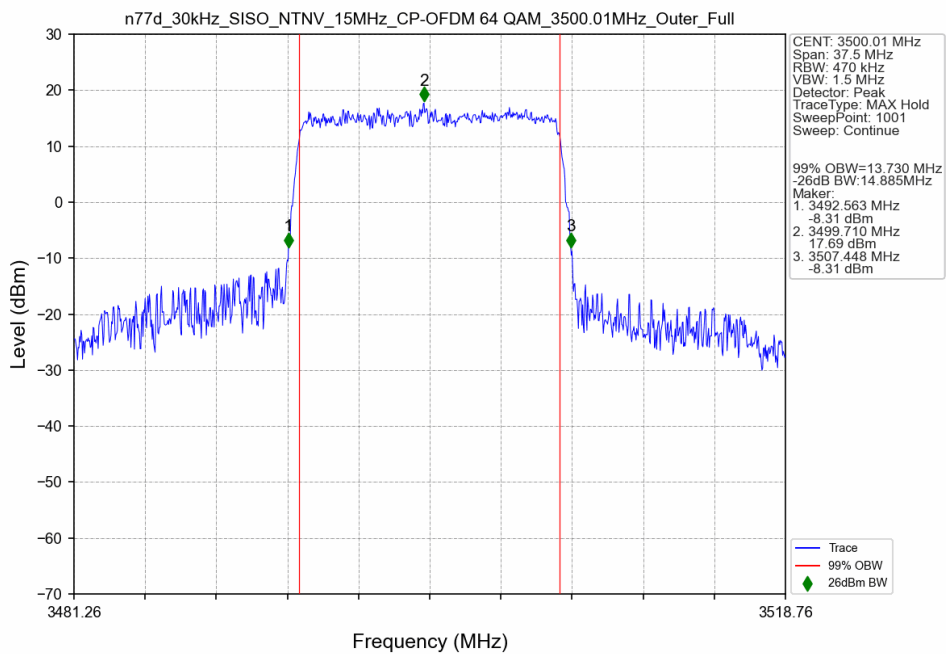
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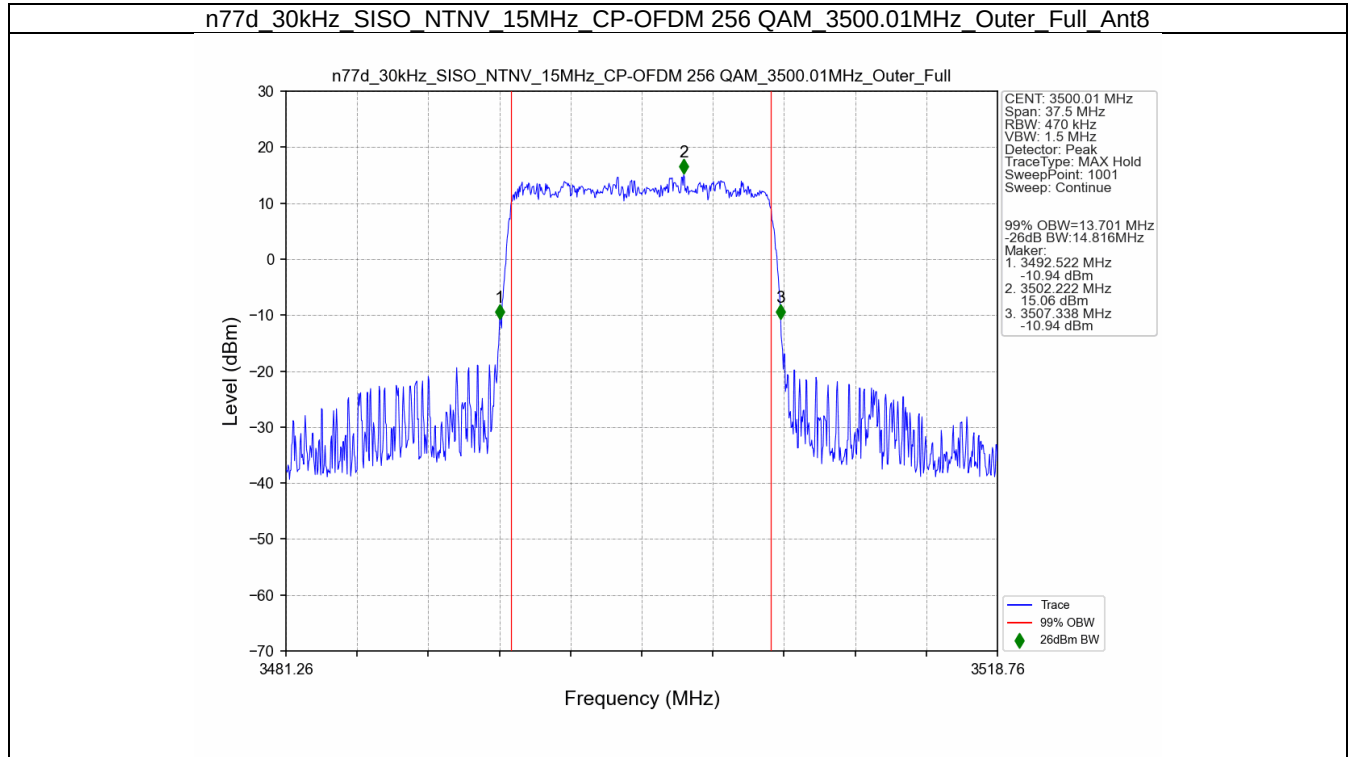


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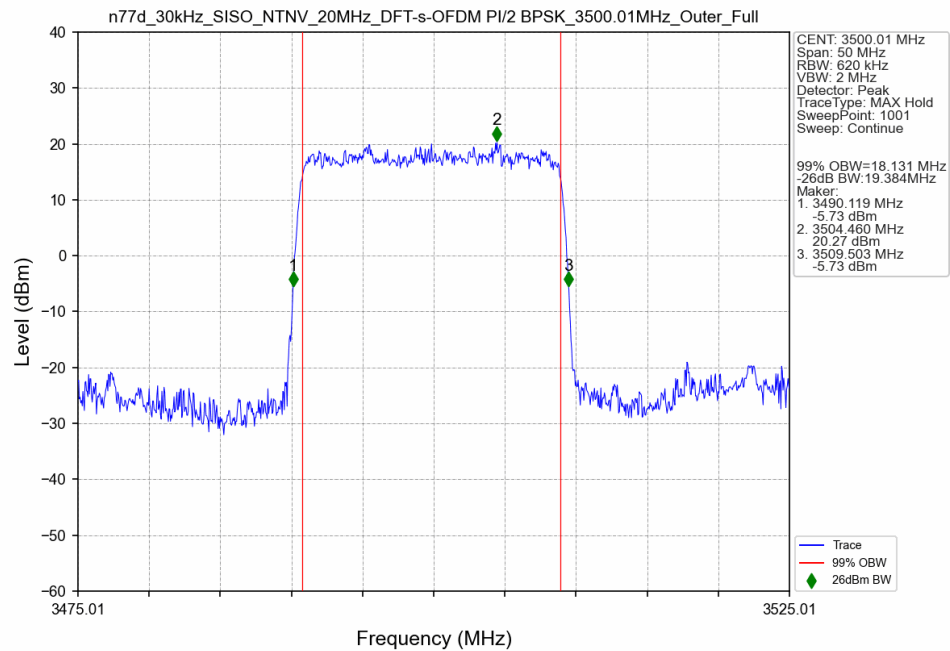
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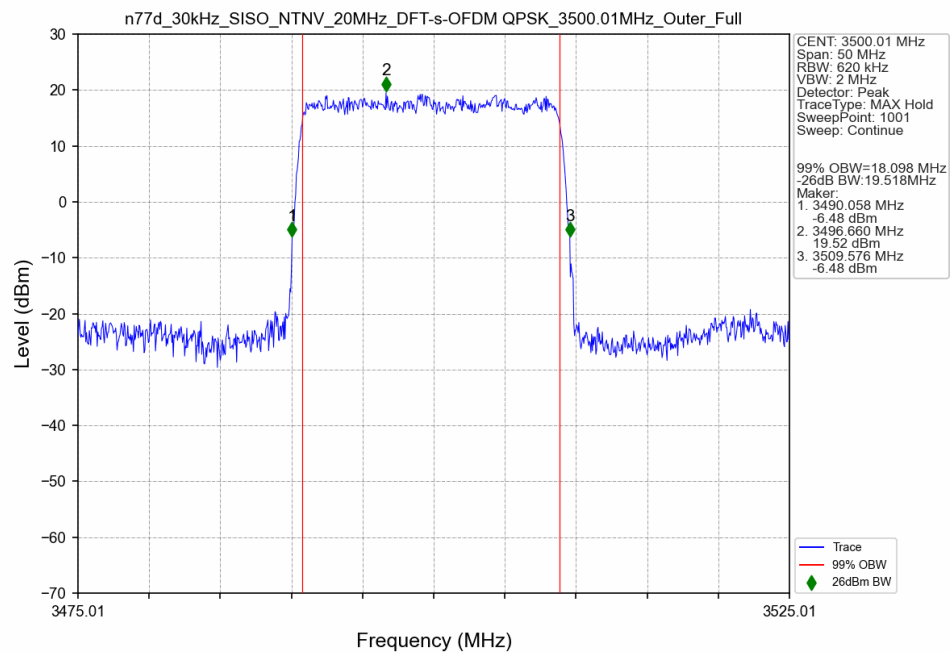


3.2.3 30_S_20M_NTNV

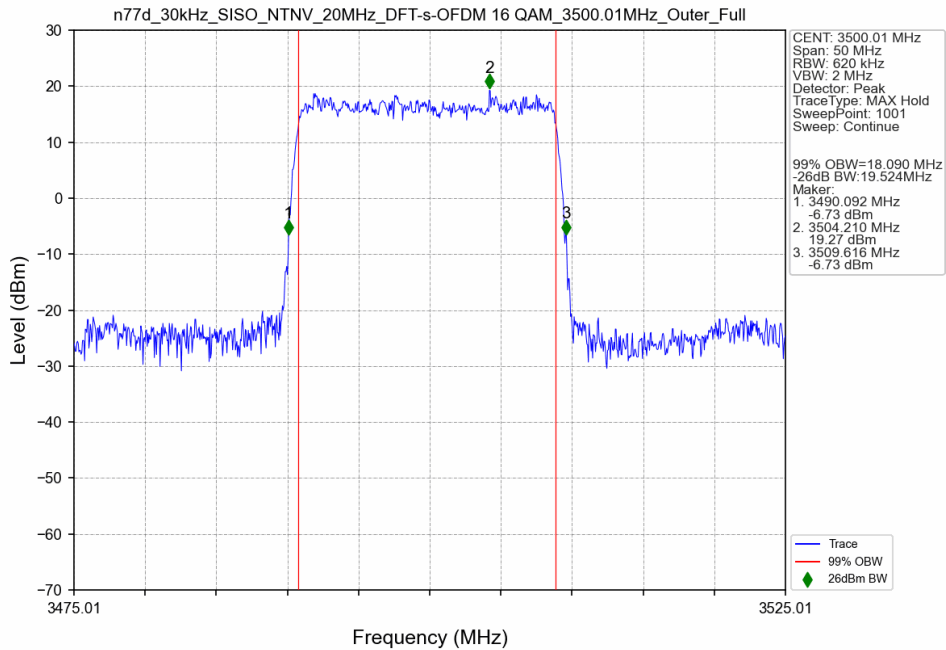
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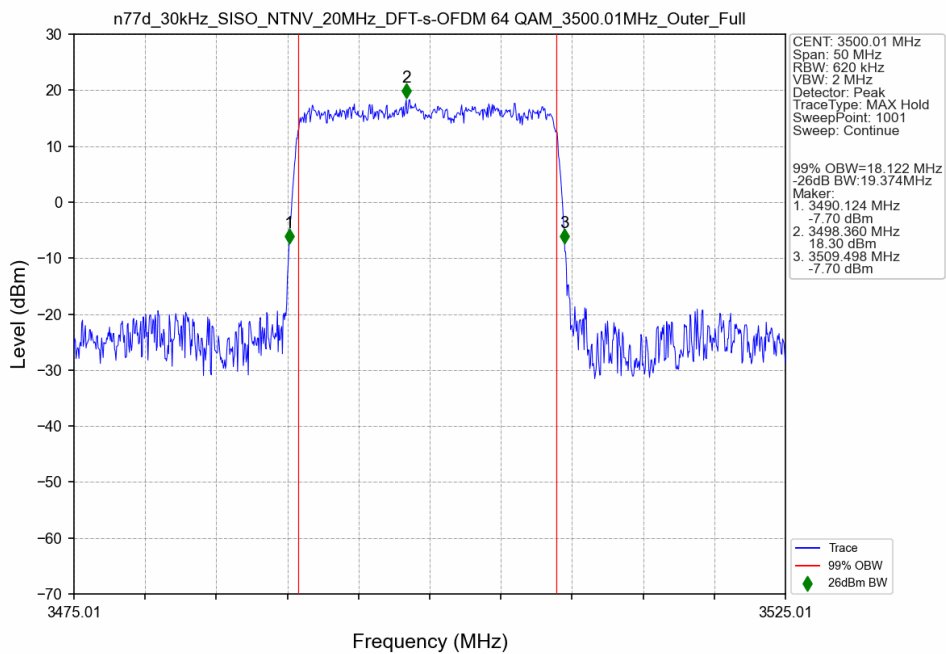
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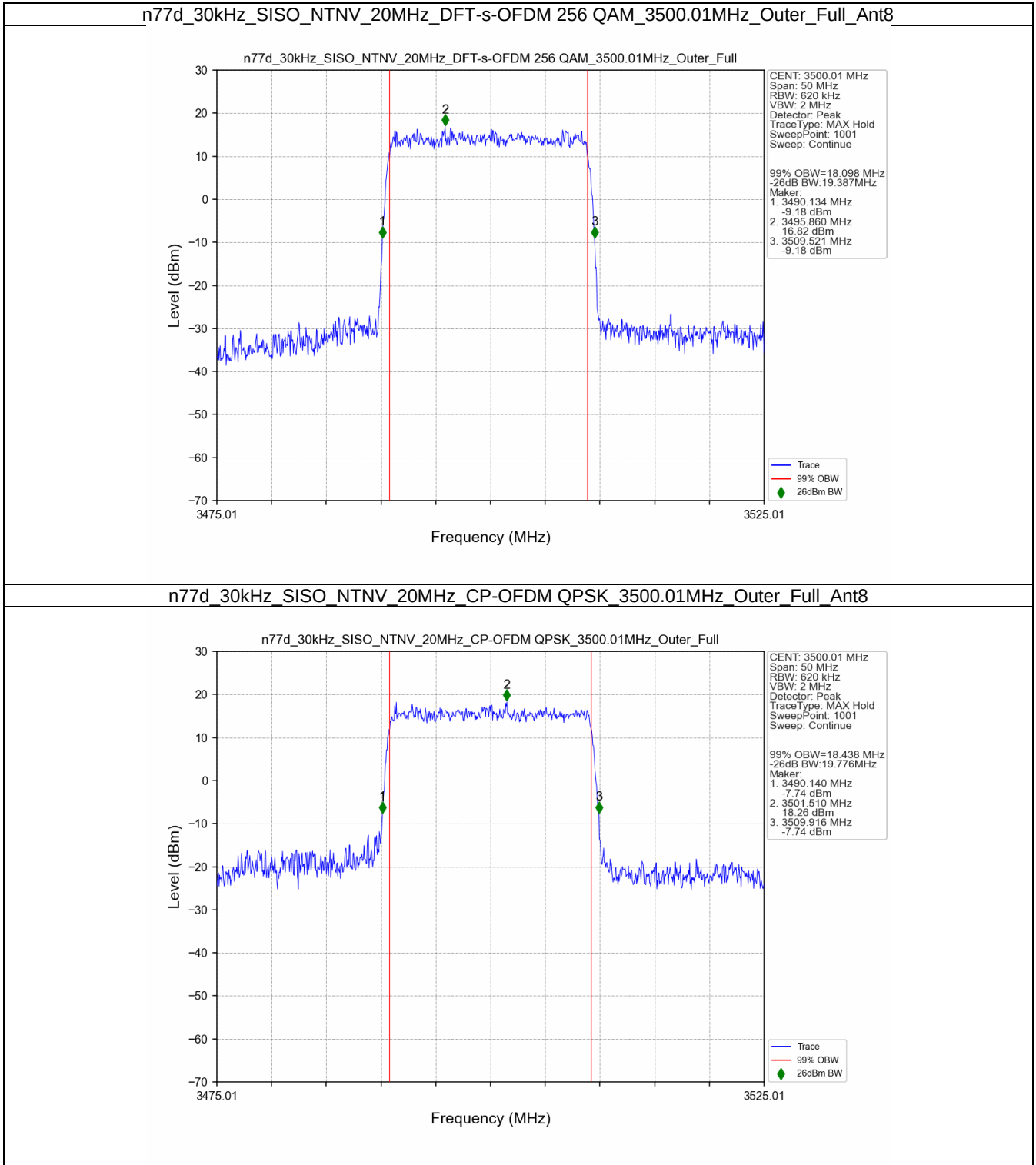


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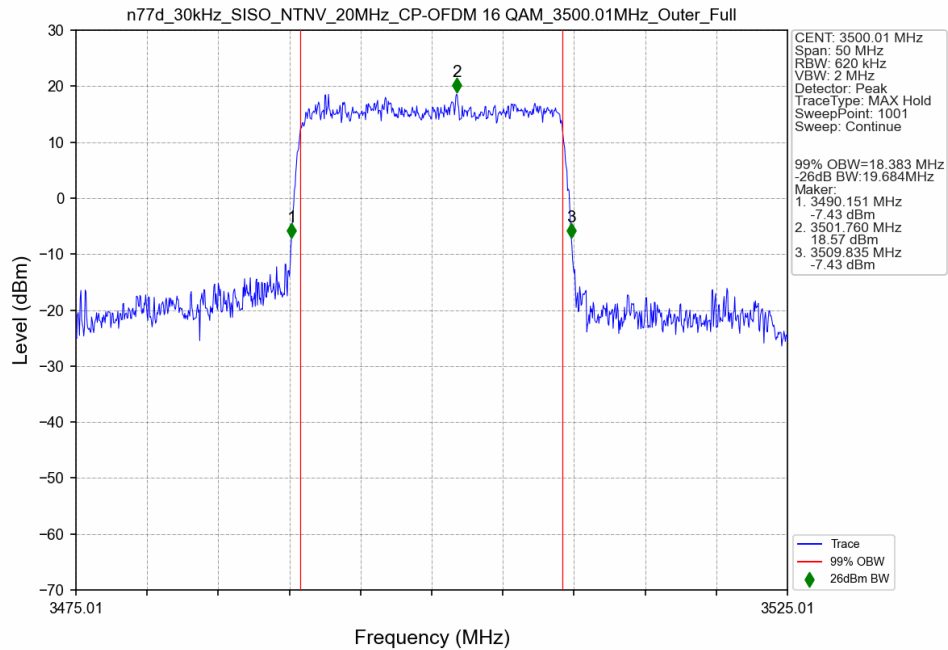


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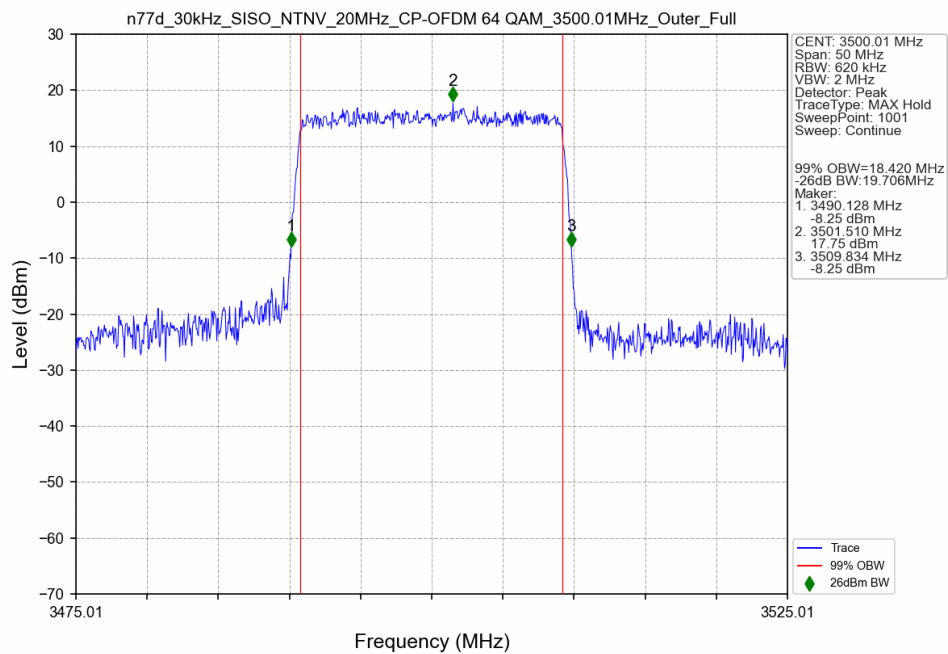


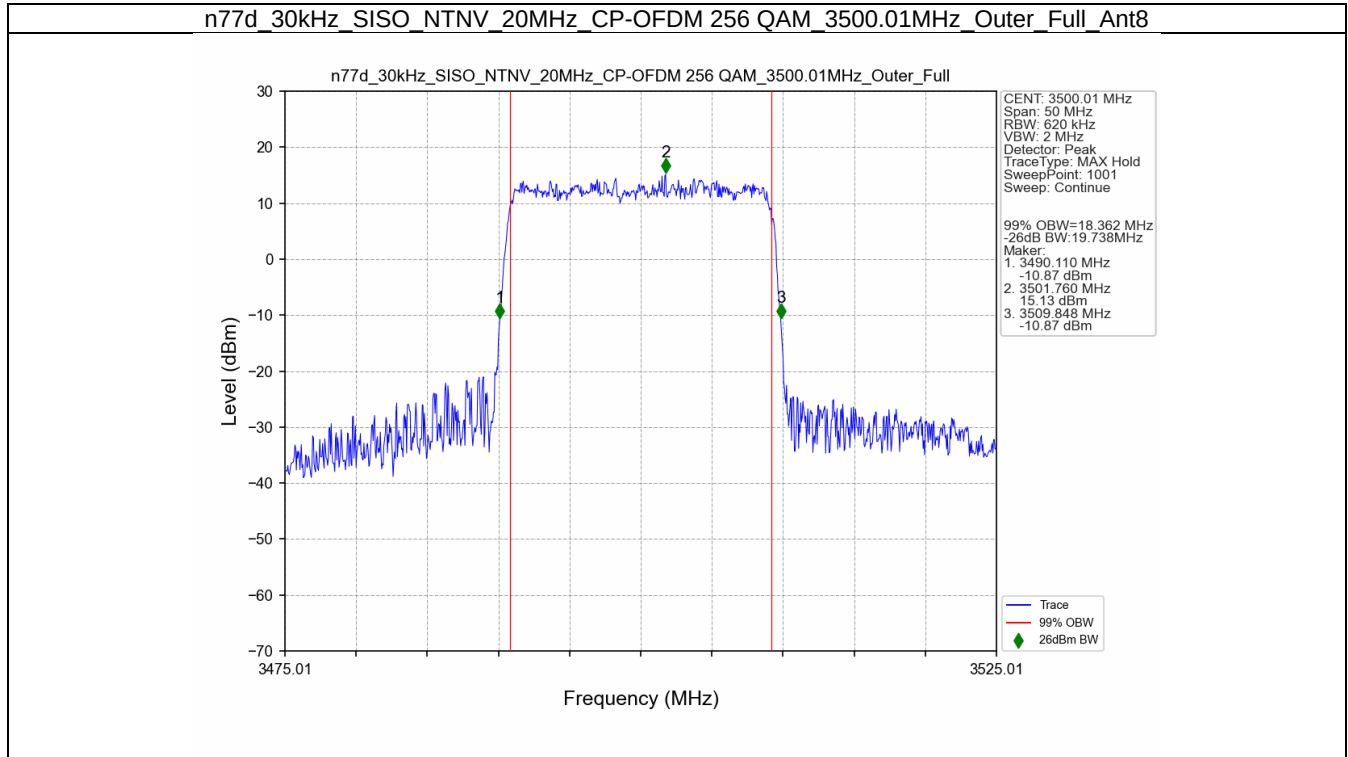


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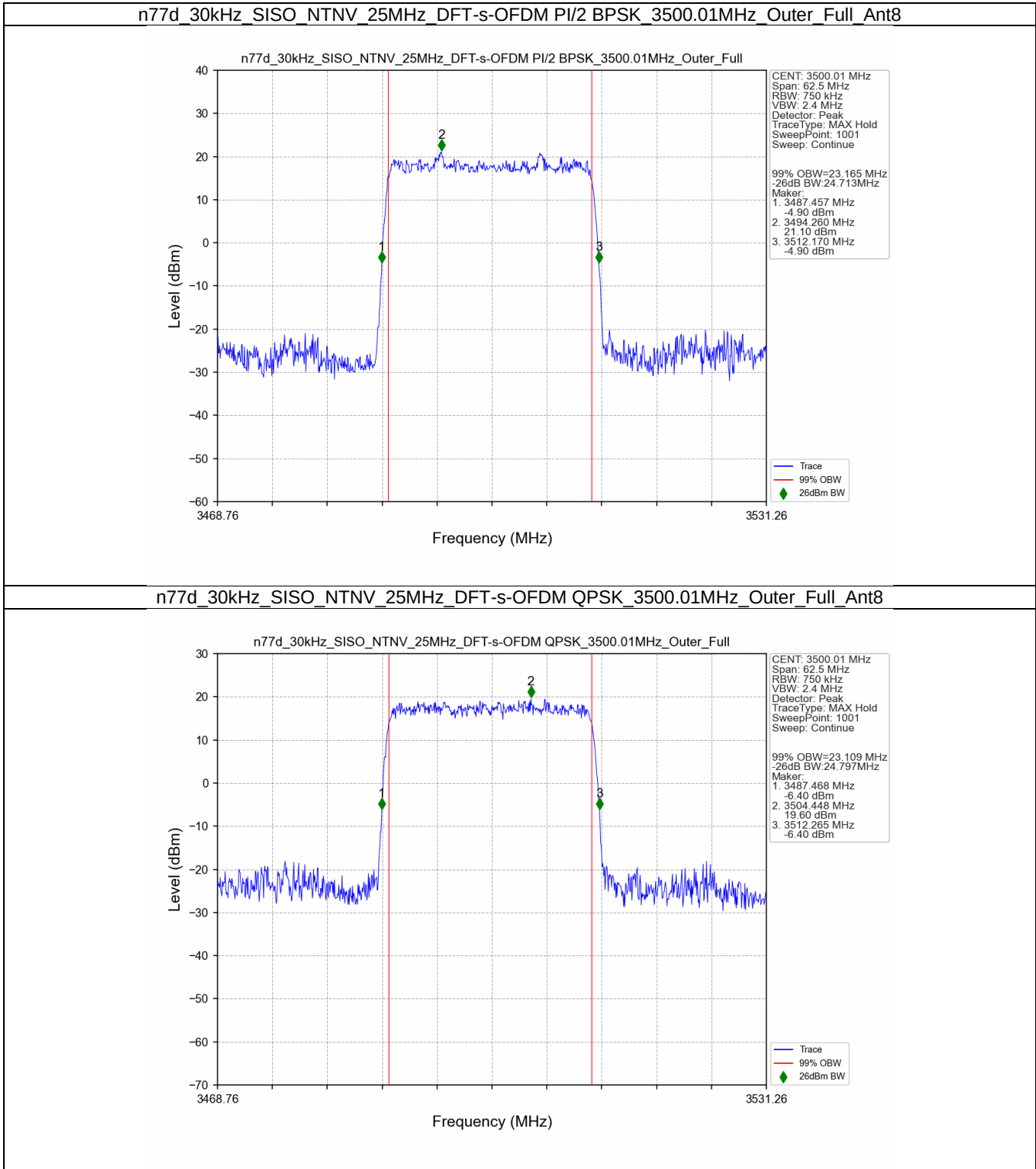


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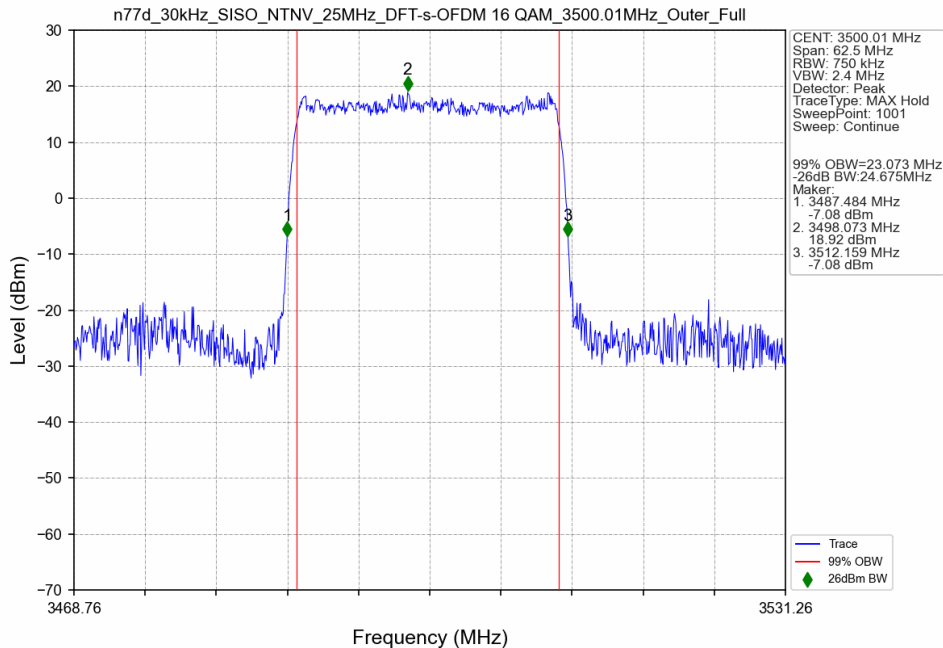




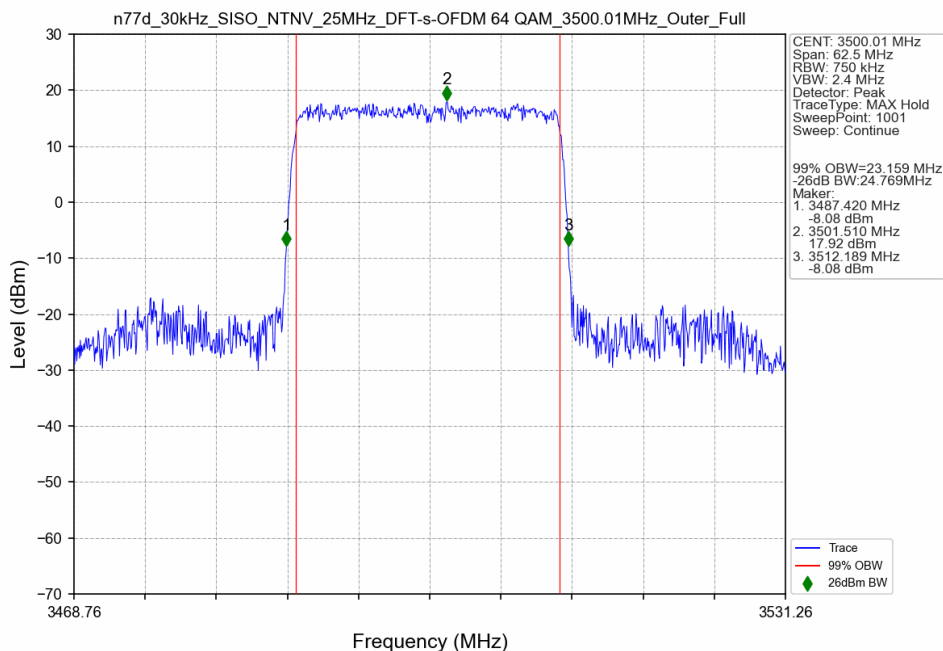
3.2.4 30_S_25M_NTNV



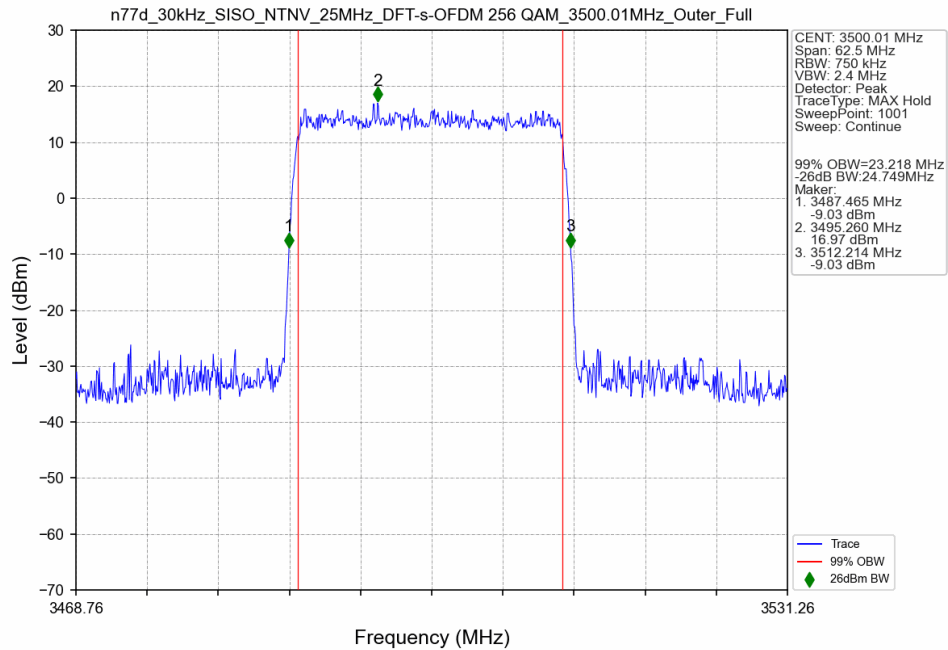
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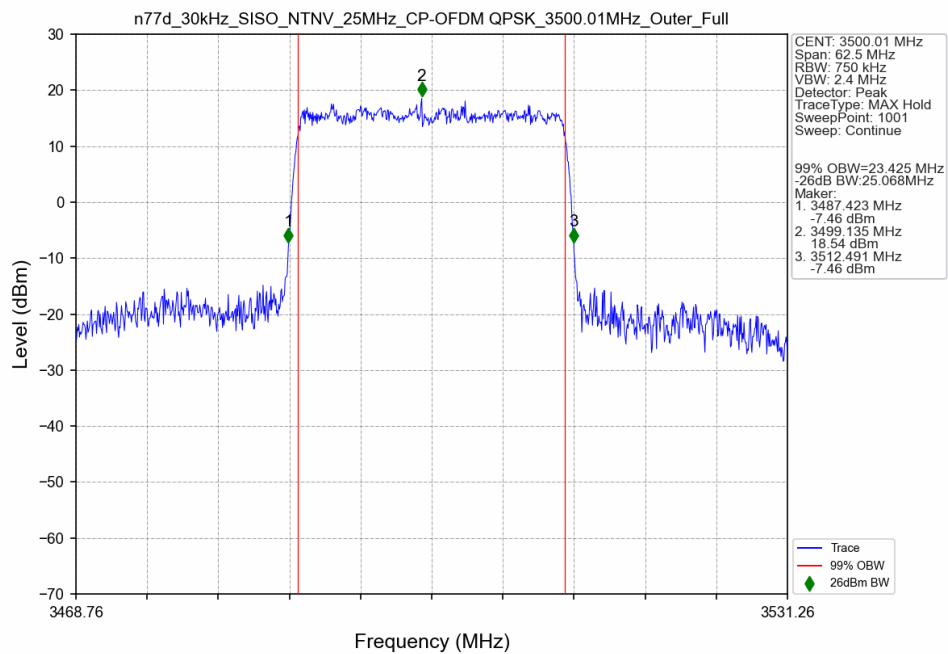
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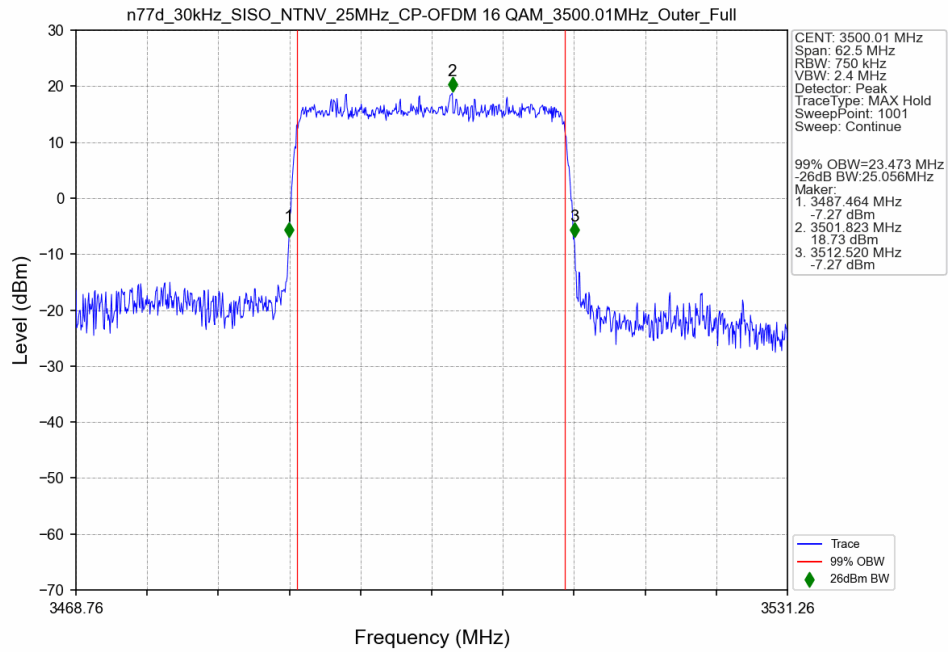
n77d_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM 256 QAM_3500.01MHz_Outer_Full_Ant8



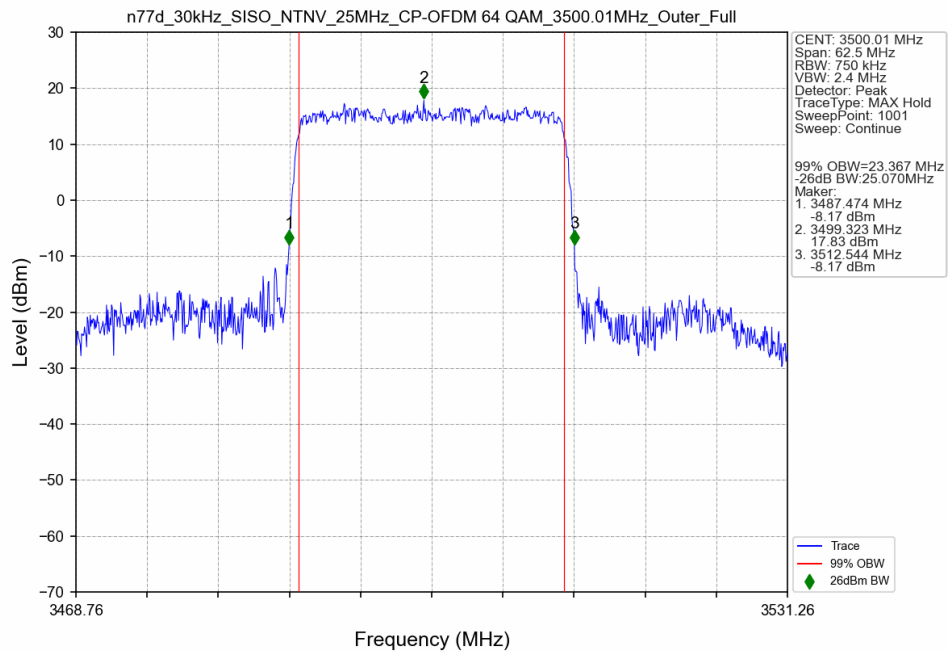
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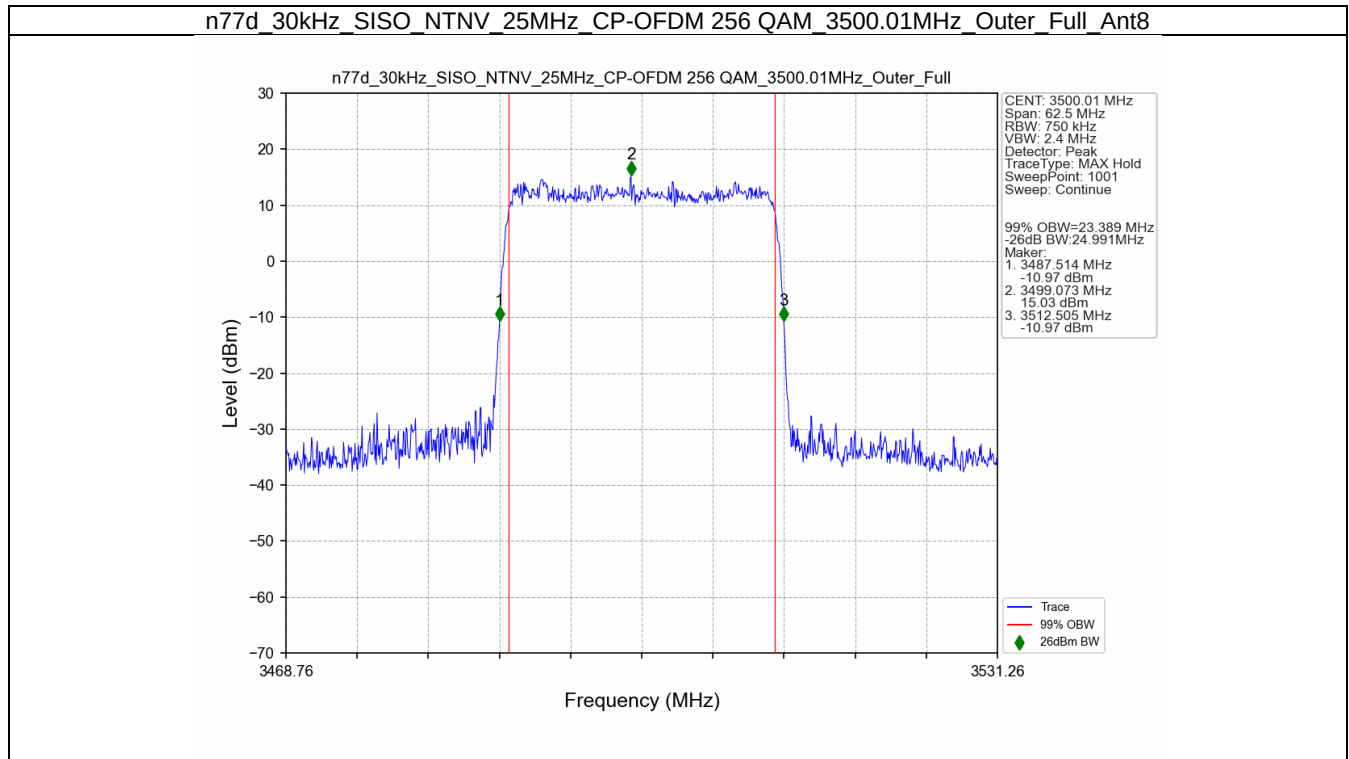


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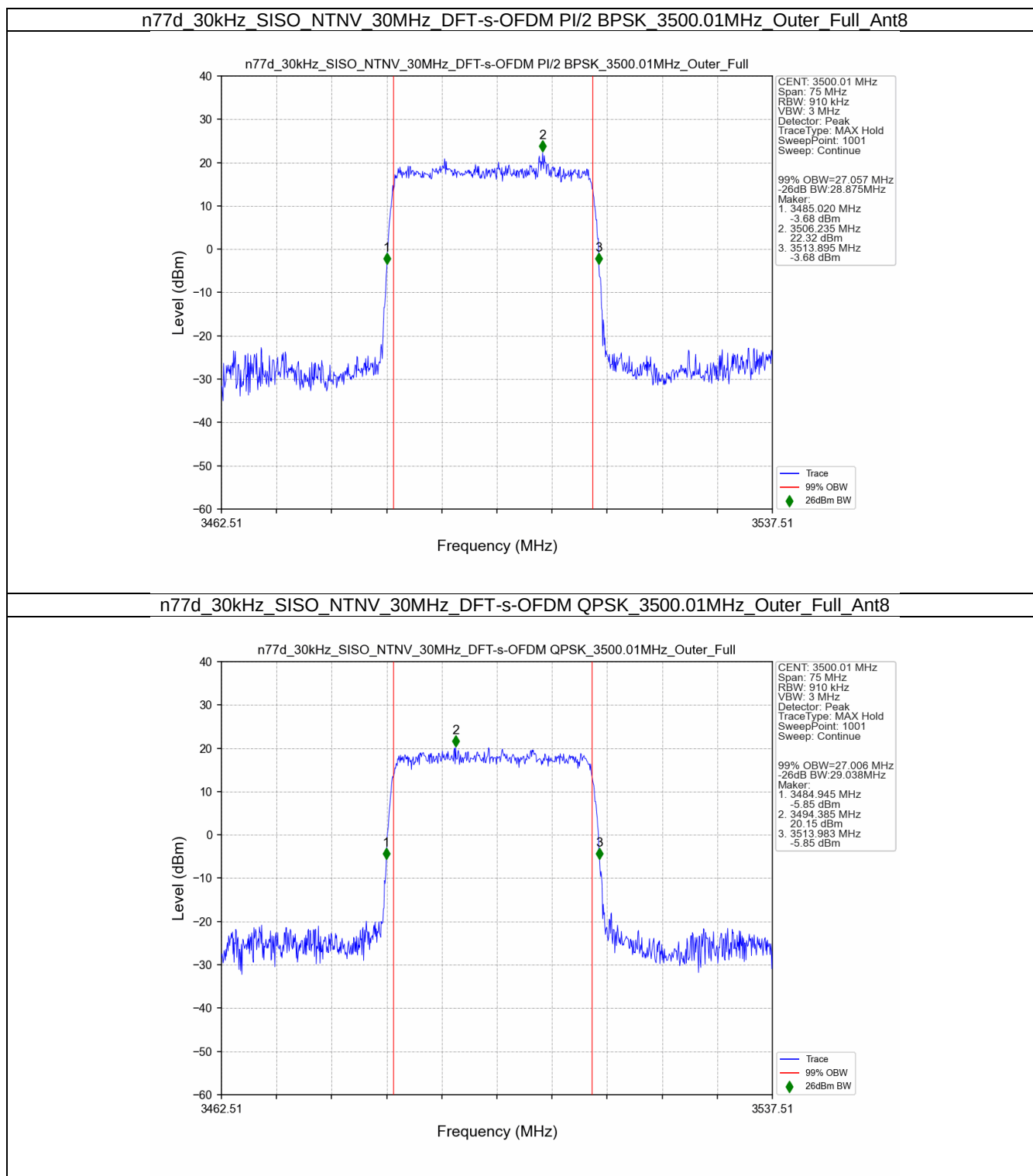


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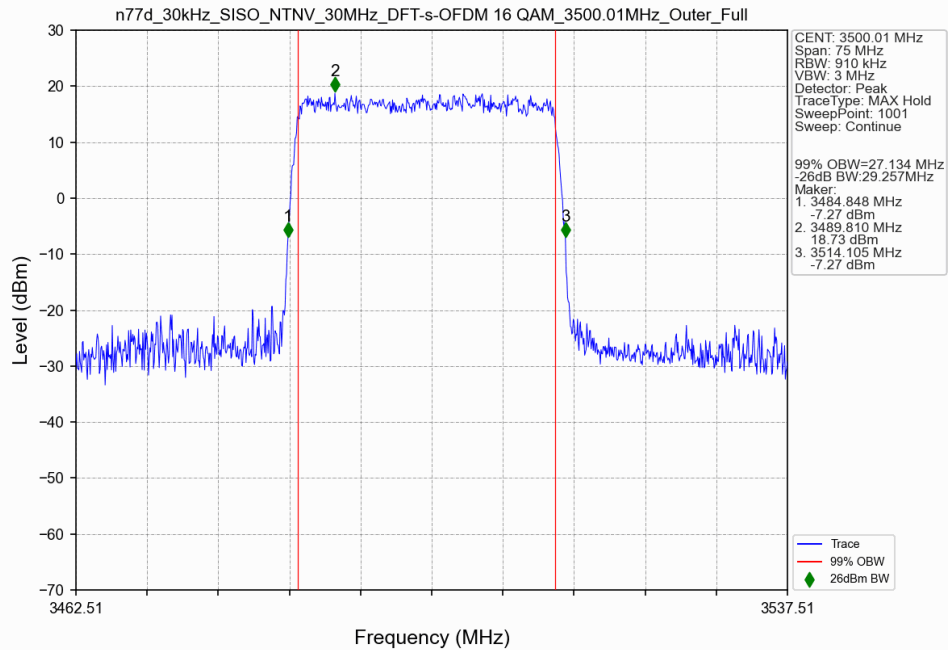




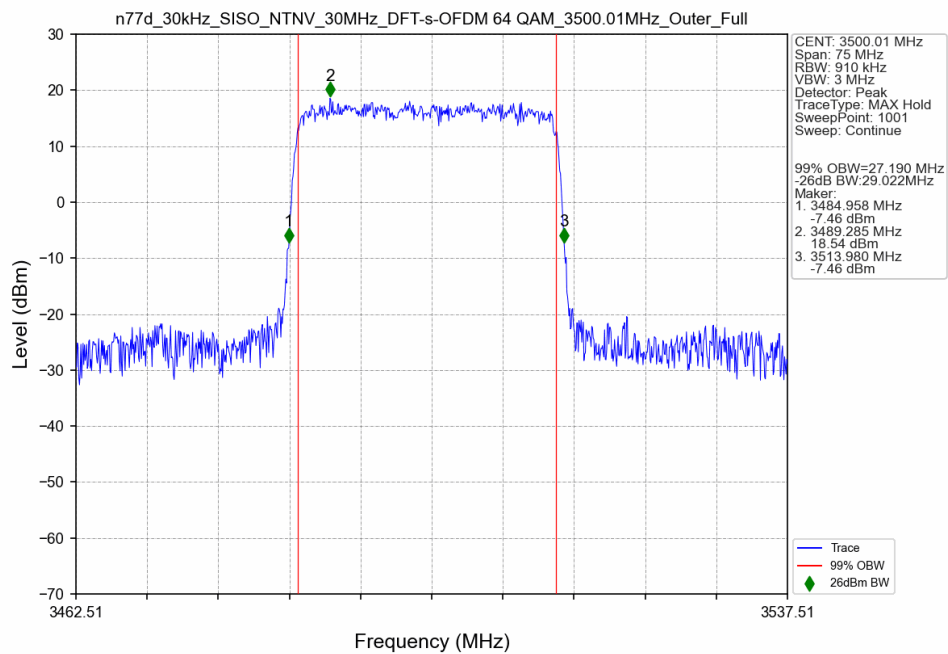
3.2.5 30_S_30M_NTNV



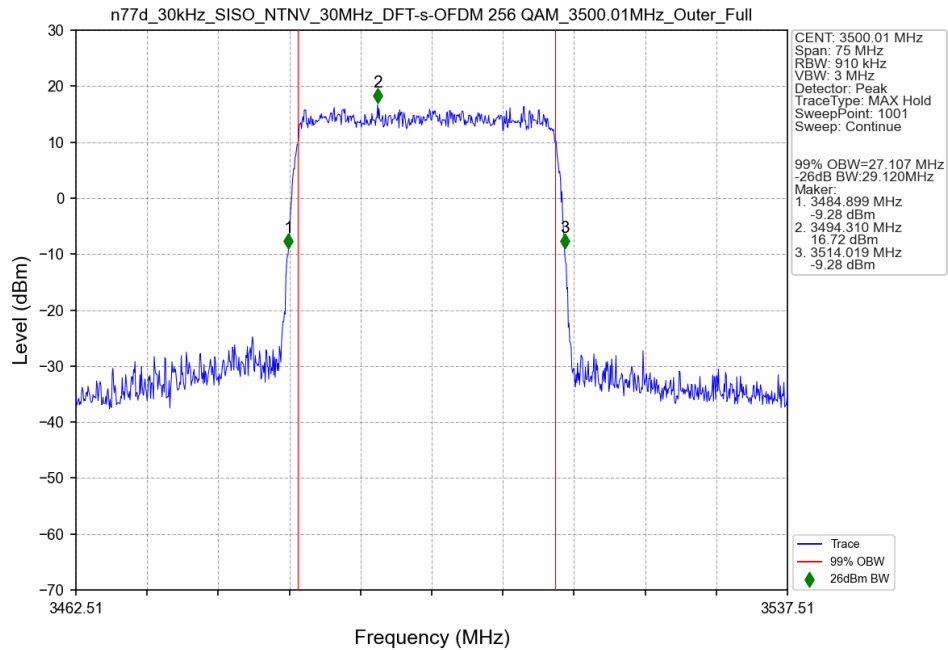
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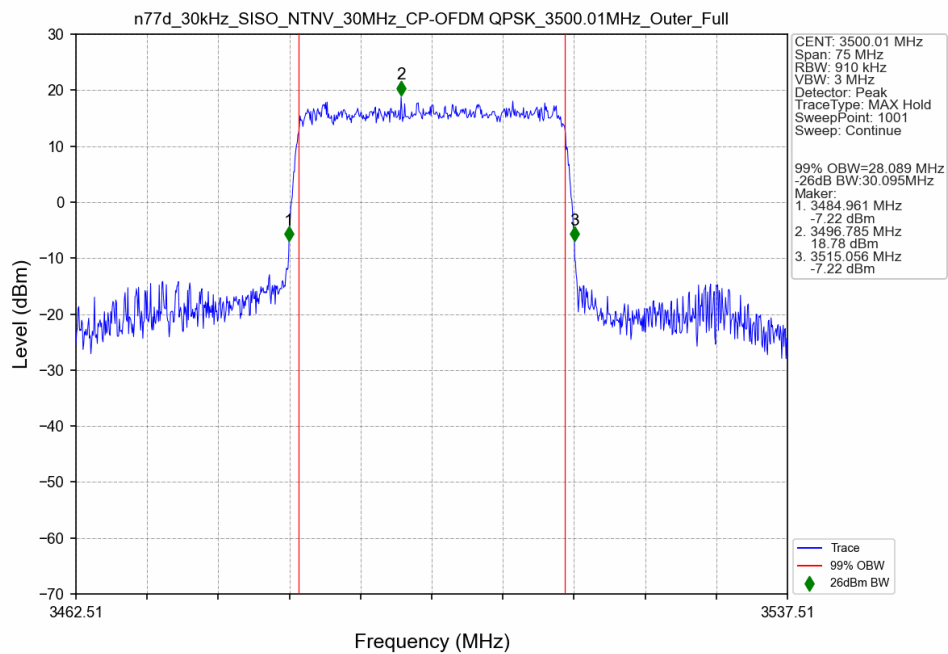
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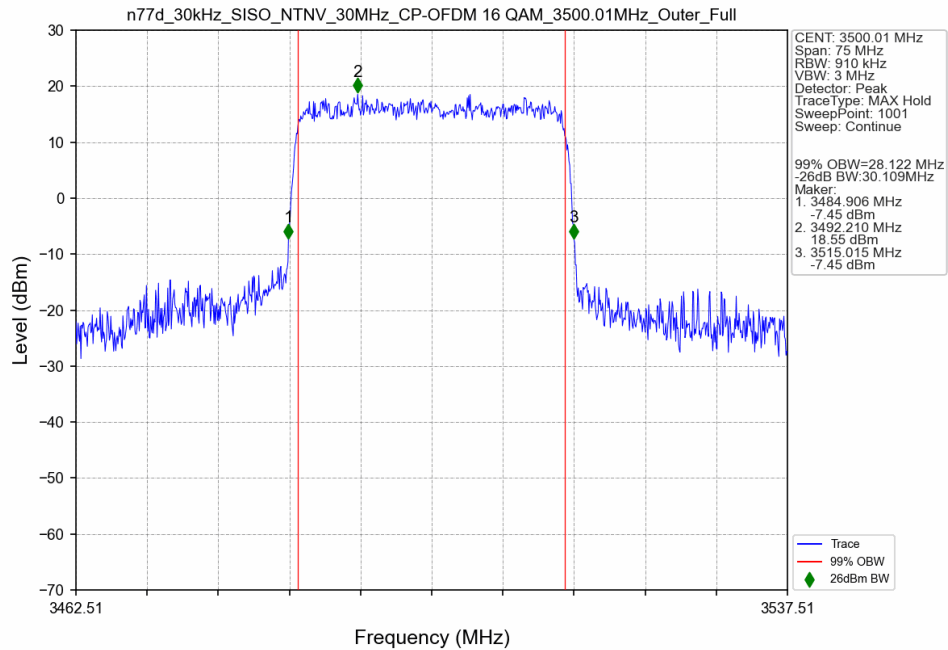
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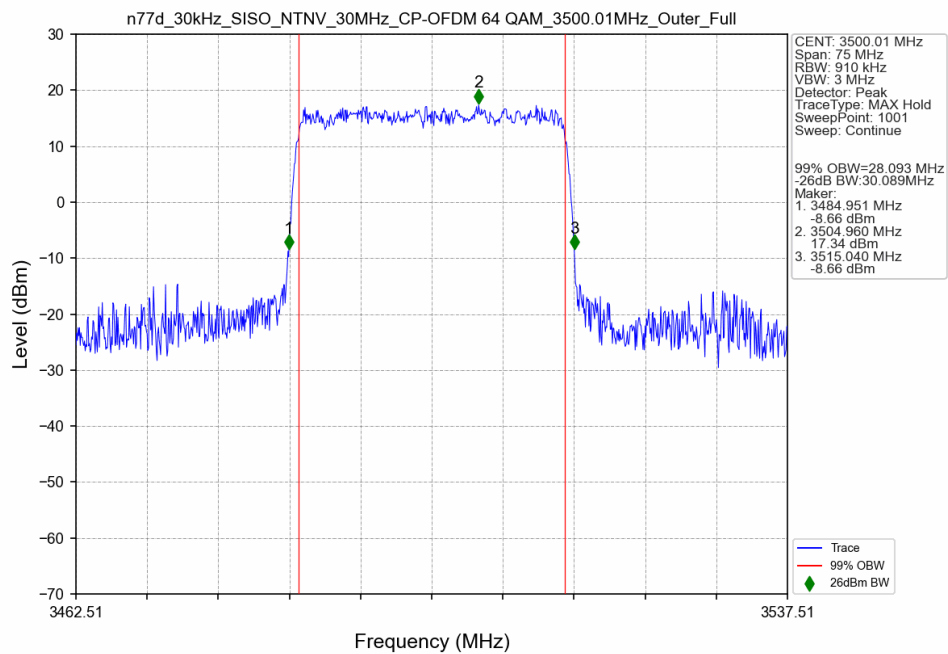
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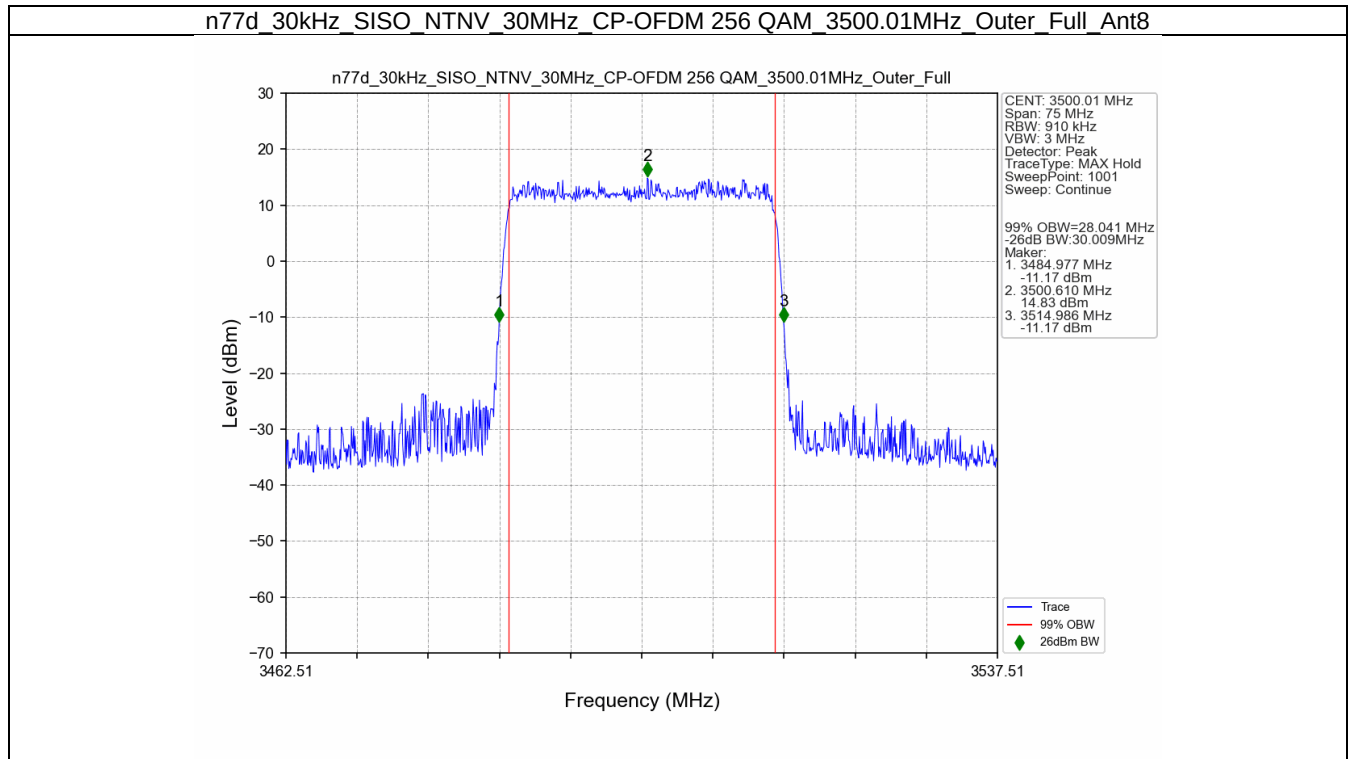


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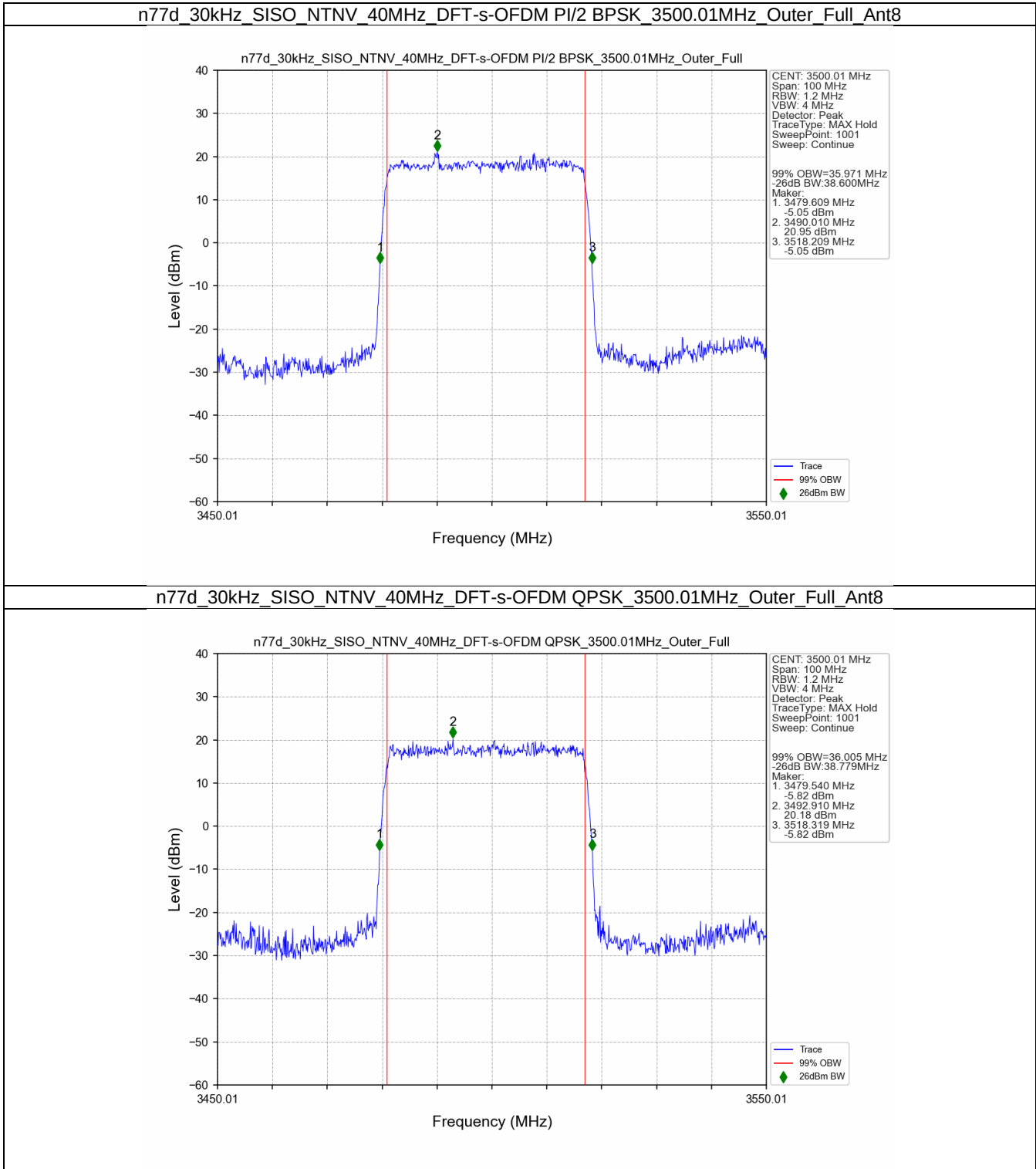


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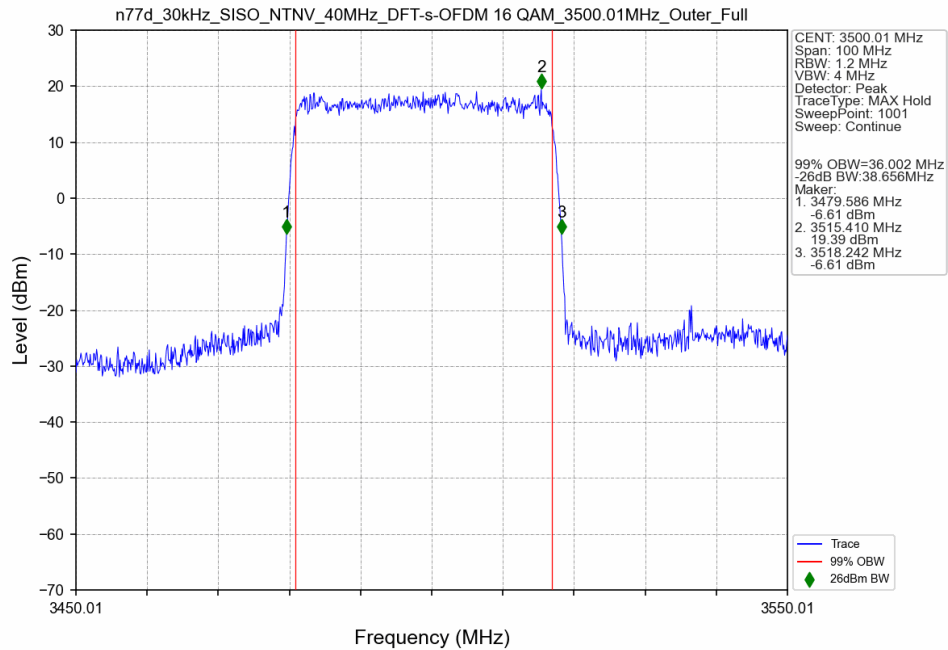




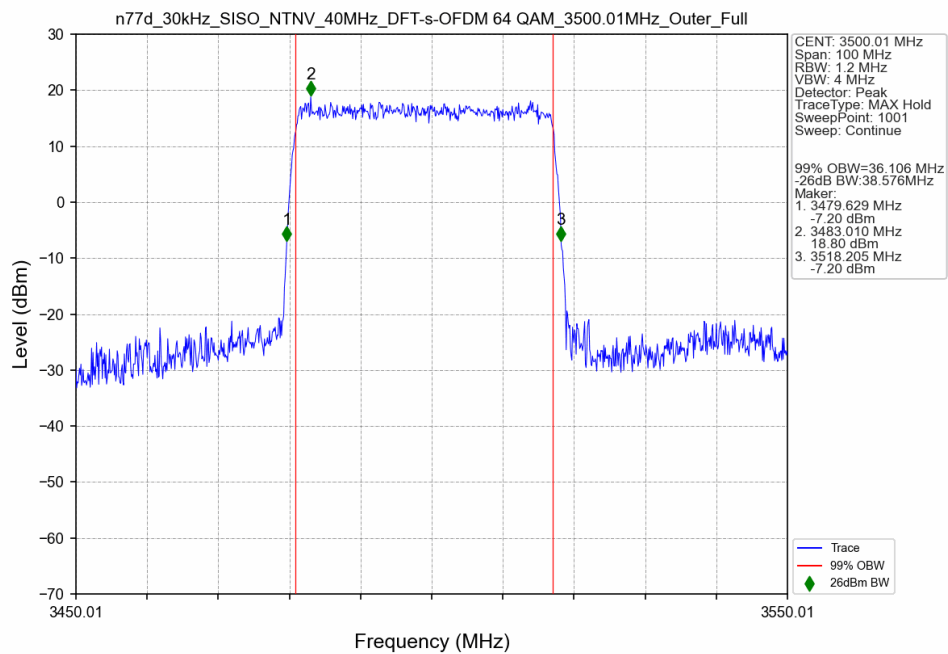
3.2.6 30_S_40M_NTNV



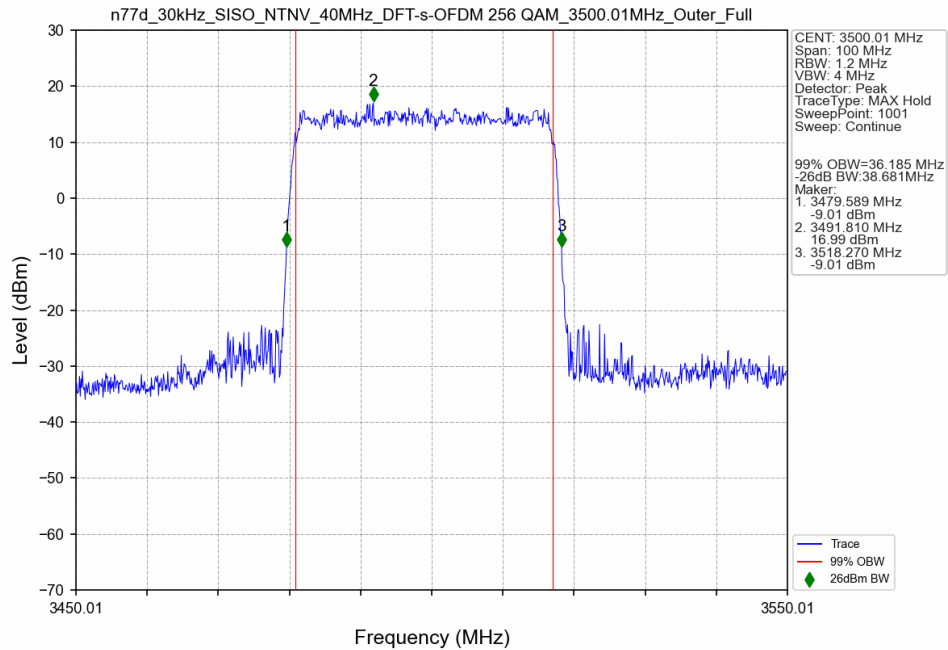
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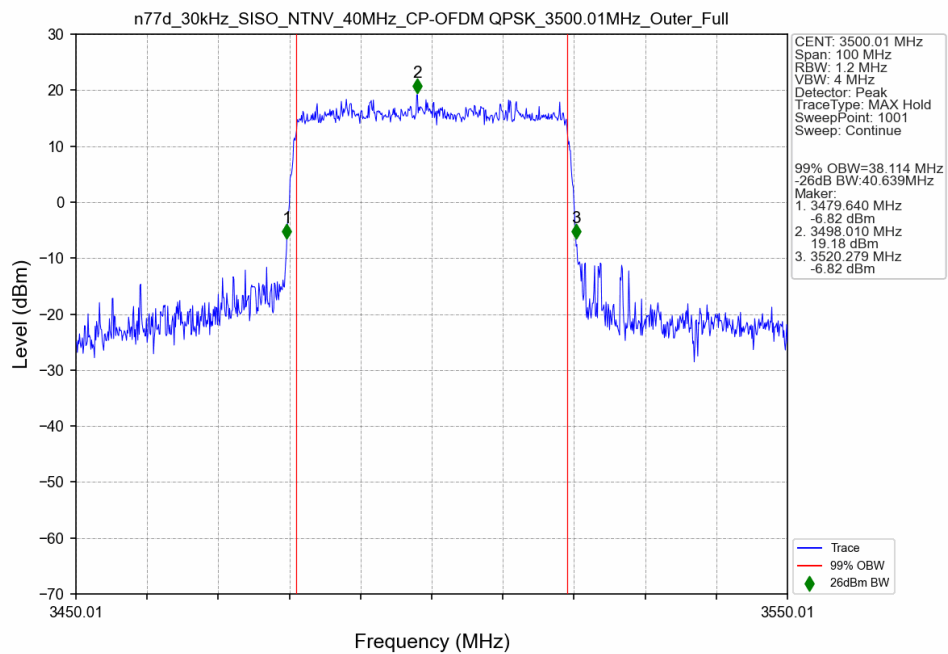
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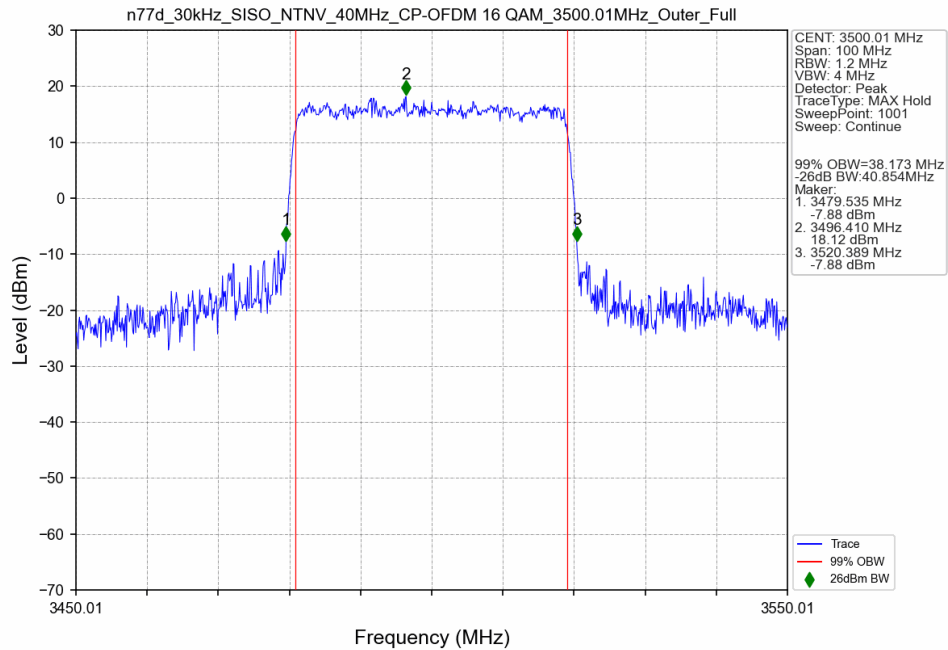
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3500.01MHz_Outer_Full_Ant8



n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full_Ant8



n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full_Ant8



n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full_Ant8

