

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_10MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3455.01	Edge 1RB Left	23.56	/	/	21.06	/	/	<=30	Pass
		Edge 1RB Right	23.57	/	/	21.07	/	/	<=30	Pass
		Outer Full	26.64	/	/	24.14	/	/	<=30	Pass
		Inner Full	27.26	/	/	24.76	/	/	<=30	Pass
		Inner 1RB Left	27.18	/	/	24.68	/	/	<=30	Pass
		Inner 1RB Right	27.25	/	/	24.75	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.43	/	/	20.93	/	/	<=30	Pass
		Edge 1RB Right	23.60	/	/	21.10	/	/	<=30	Pass
		Outer Full	26.58	/	/	24.08	/	/	<=30	Pass
		Inner Full	27.06	/	/	24.56	/	/	<=30	Pass
		Inner 1RB Left	26.98	/	/	24.48	/	/	<=30	Pass
		Inner 1RB Right	27.18	/	/	24.68	/	/	<=30	Pass
	3544.98	Edge 1RB Left	23.40	/	/	20.90	/	/	<=30	Pass
		Edge 1RB Right	23.50	/	/	21.00	/	/	<=30	Pass
		Outer Full	26.62	/	/	24.12	/	/	<=30	Pass
		Inner Full	27.02	/	/	24.52	/	/	<=30	Pass
		Inner 1RB Left	27.13	/	/	24.63	/	/	<=30	Pass
		Inner 1RB Right	27.12	/	/	24.62	/	/	<=30	Pass
DFT-s-OFDM QPSK	3455.01	Edge 1RB Left	23.53	/	/	21.03	/	/	<=30	Pass
		Edge 1RB Right	23.56	/	/	21.06	/	/	<=30	Pass
		Outer Full	26.14	/	/	23.64	/	/	<=30	Pass
		Inner Full	27.20	/	/	24.70	/	/	<=30	Pass
		Inner 1RB Left	27.16	/	/	24.66	/	/	<=30	Pass
		Inner 1RB Right	27.22	/	/	24.72	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.43	/	/	20.93	/	/	<=30	Pass
		Edge 1RB Right	23.52	/	/	21.02	/	/	<=30	Pass
		Outer Full	26.13	/	/	23.63	/	/	<=30	Pass
		Inner Full	27.08	/	/	24.58	/	/	<=30	Pass
		Inner 1RB Left	26.96	/	/	24.46	/	/	<=30	Pass
		Inner 1RB Right	27.22	/	/	24.72	/	/	<=30	Pass
	3544.98	Edge 1RB Left	23.38	/	/	20.88	/	/	<=30	Pass
		Edge 1RB Right	23.47	/	/	20.97	/	/	<=30	Pass
		Outer Full	26.08	/	/	23.58	/	/	<=30	Pass
		Inner Full	26.99	/	/	24.49	/	/	<=30	Pass
		Inner 1RB Left	27.07	/	/	24.57	/	/	<=30	Pass
		Inner 1RB Right	27.06	/	/	24.56	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3455.01	Edge 1RB Left	23.43	/	/	20.93	/	/	<=30	Pass
		Edge 1RB Right	23.47	/	/	20.97	/	/	<=30	Pass
		Outer Full	25.24	/	/	22.74	/	/	<=30	Pass
		Inner Full	26.11	/	/	23.61	/	/	<=30	Pass
		Inner 1RB Left	25.95	/	/	23.45	/	/	<=30	Pass
		Inner 1RB Right	25.98	/	/	23.48	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.22	/	/	20.72	/	/	<=30	Pass
		Edge 1RB Right	23.40	/	/	20.90	/	/	<=30	Pass
		Outer Full	25.14	/	/	22.64	/	/	<=30	Pass
		Inner Full	25.96	/	/	23.46	/	/	<=30	Pass
		Inner 1RB Left	25.82	/	/	23.32	/	/	<=30	Pass
		Inner 1RB Right	25.98	/	/	23.48	/	/	<=30	Pass
	3544.98	Edge 1RB Left	23.33	/	/	20.83	/	/	<=30	Pass

		Edge 1RB Right	23.42	/	/	20.92	/	/	<=30	Pass
		Outer Full	25.10	/	/	22.60	/	/	<=30	Pass
		Inner Full	25.90	/	/	23.40	/	/	<=30	Pass
		Inner 1RB Left	25.93	/	/	23.43	/	/	<=30	Pass
		Inner 1RB Right	25.88	/	/	23.38	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3455.01	Edge 1RB Left	23.60	/	/	21.10	/	/	<=30	Pass
		Edge 1RB Right	23.65	/	/	21.15	/	/	<=30	Pass
		Outer Full	24.68	/	/	22.18	/	/	<=30	Pass
		Inner Full	24.66	/	/	22.16	/	/	<=30	Pass
		Inner 1RB Left	24.62	/	/	22.12	/	/	<=30	Pass
		Inner 1RB Right	24.68	/	/	22.18	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.41	/	/	20.91	/	/	<=30	Pass
		Edge 1RB Right	23.58	/	/	21.08	/	/	<=30	Pass
		Outer Full	24.51	/	/	22.01	/	/	<=30	Pass
		Inner Full	24.59	/	/	22.09	/	/	<=30	Pass
		Inner 1RB Left	24.51	/	/	22.01	/	/	<=30	Pass
		Inner 1RB Right	24.71	/	/	22.21	/	/	<=30	Pass
	3544.98	Edge 1RB Left	23.47	/	/	20.97	/	/	<=30	Pass
		Edge 1RB Right	23.39	/	/	20.89	/	/	<=30	Pass
		Outer Full	24.51	/	/	22.01	/	/	<=30	Pass
Inner Full		24.46	/	/	21.96	/	/	<=30	Pass	
Inner 1RB Left		24.48	/	/	21.98	/	/	<=30	Pass	
Inner 1RB Right		24.59	/	/	22.09	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3455.01	Edge 1RB Left	22.51	/	/	20.01	/	/	<=30	Pass
		Edge 1RB Right	22.64	/	/	20.14	/	/	<=30	Pass
		Outer Full	22.63	/	/	20.13	/	/	<=30	Pass
		Inner Full	22.63	/	/	20.13	/	/	<=30	Pass
		Inner 1RB Left	22.62	/	/	20.12	/	/	<=30	Pass
		Inner 1RB Right	22.64	/	/	20.14	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.42	/	/	19.92	/	/	<=30	Pass
		Edge 1RB Right	22.63	/	/	20.13	/	/	<=30	Pass
		Outer Full	22.59	/	/	20.09	/	/	<=30	Pass
		Inner Full	22.55	/	/	20.05	/	/	<=30	Pass
		Inner 1RB Left	22.48	/	/	19.98	/	/	<=30	Pass
		Inner 1RB Right	22.66	/	/	20.16	/	/	<=30	Pass
	3544.98	Edge 1RB Left	22.53	/	/	20.03	/	/	<=30	Pass
		Edge 1RB Right	22.54	/	/	20.04	/	/	<=30	Pass
		Outer Full	22.49	/	/	19.99	/	/	<=30	Pass
Inner Full		22.55	/	/	20.05	/	/	<=30	Pass	
Inner 1RB Left		22.53	/	/	20.03	/	/	<=30	Pass	
Inner 1RB Right		22.61	/	/	20.11	/	/	<=30	Pass	
CP-OFDM QPSK	3455.01	Edge 1RB Left	23.72	/	/	21.22	/	/	<=30	Pass
		Edge 1RB Right	23.81	/	/	21.31	/	/	<=30	Pass
		Outer Full	24.07	/	/	21.57	/	/	<=30	Pass
		Inner Full	25.69	/	/	23.19	/	/	<=30	Pass
		Inner 1RB Left	25.79	/	/	23.29	/	/	<=30	Pass
		Inner 1RB Right	25.84	/	/	23.34	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.52	/	/	21.02	/	/	<=30	Pass
		Edge 1RB Right	23.79	/	/	21.29	/	/	<=30	Pass
		Outer Full	24.10	/	/	21.60	/	/	<=30	Pass
		Inner Full	25.53	/	/	23.03	/	/	<=30	Pass
		Inner 1RB Left	25.60	/	/	23.10	/	/	<=30	Pass
		Inner 1RB Right	25.81	/	/	23.31	/	/	<=30	Pass
	3544.98	Edge 1RB Left	23.68	/	/	21.18	/	/	<=30	Pass
		Edge 1RB Right	23.71	/	/	21.21	/	/	<=30	Pass
		Outer Full	23.99	/	/	21.49	/	/	<=30	Pass
Inner Full		25.49	/	/	22.99	/	/	<=30	Pass	
Inner 1RB Left		25.72	/	/	23.22	/	/	<=30	Pass	
Inner 1RB Right		25.76	/	/	23.26	/	/	<=30	Pass	

CP-OFDM 16 QAM	3455.01	Edge_1RB_Left	23.57	/	/	21.07	/	/	<=30	Pass
		Edge_1RB_Right	23.66	/	/	21.16	/	/	<=30	Pass
		Outer_Full	24.25	/	/	21.75	/	/	<=30	Pass
		Inner_Full	25.17	/	/	22.67	/	/	<=30	Pass
		Inner_1RB_Left	25.06	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Right	25.05	/	/	22.55	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.39	/	/	20.89	/	/	<=30	Pass
		Edge_1RB_Right	23.64	/	/	21.14	/	/	<=30	Pass
		Outer_Full	24.11	/	/	21.61	/	/	<=30	Pass
		Inner_Full	25.01	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	24.89	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Right	25.03	/	/	22.53	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	23.51	/	/	21.01	/	/	<=30	Pass
		Edge_1RB_Right	23.53	/	/	21.03	/	/	<=30	Pass
		Outer_Full	24.13	/	/	21.63	/	/	<=30	Pass
		Inner_Full	24.98	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	25.02	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Right	25.00	/	/	22.50	/	/	<=30	Pass
CP-OFDM 64 QAM	3455.01	Edge_1RB_Left	23.61	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Right	23.70	/	/	21.20	/	/	<=30	Pass
		Outer_Full	23.68	/	/	21.18	/	/	<=30	Pass
		Inner_Full	23.82	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	23.68	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	21.25	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.49	/	/	20.99	/	/	<=30	Pass
		Edge_1RB_Right	23.64	/	/	21.14	/	/	<=30	Pass
		Outer_Full	23.63	/	/	21.13	/	/	<=30	Pass
		Inner_Full	23.63	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Right	23.67	/	/	21.17	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	23.46	/	/	20.96	/	/	<=30	Pass
		Edge_1RB_Right	23.47	/	/	20.97	/	/	<=30	Pass
		Outer_Full	23.56	/	/	21.06	/	/	<=30	Pass
		Inner_Full	23.63	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Right	23.65	/	/	21.15	/	/	<=30	Pass
CP-OFDM 256 QAM	3455.01	Edge_1RB_Left	20.59	/	/	18.09	/	/	<=30	Pass
		Edge_1RB_Right	20.72	/	/	18.22	/	/	<=30	Pass
		Outer_Full	20.69	/	/	18.19	/	/	<=30	Pass
		Inner_Full	20.79	/	/	18.29	/	/	<=30	Pass
		Inner_1RB_Left	20.74	/	/	18.24	/	/	<=30	Pass
		Inner_1RB_Right	20.75	/	/	18.25	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.58	/	/	18.08	/	/	<=30	Pass
		Edge_1RB_Right	20.60	/	/	18.10	/	/	<=30	Pass
		Outer_Full	20.65	/	/	18.15	/	/	<=30	Pass
		Inner_Full	20.70	/	/	18.20	/	/	<=30	Pass
		Inner_1RB_Left	20.65	/	/	18.15	/	/	<=30	Pass
		Inner_1RB_Right	20.83	/	/	18.33	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	20.51	/	/	18.01	/	/	<=30	Pass
		Edge_1RB_Right	20.56	/	/	18.06	/	/	<=30	Pass
		Outer_Full	20.55	/	/	18.05	/	/	<=30	Pass
		Inner_Full	20.65	/	/	18.15	/	/	<=30	Pass
		Inner_1RB_Left	20.58	/	/	18.08	/	/	<=30	Pass
		Inner_1RB_Right	20.59	/	/	18.09	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: -2.50dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_15MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3457.5	Edge_1RB_Left	23.64	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	23.55	/	/	21.05	/	/	<=30	Pass
		Outer_Full	26.74	/	/	24.24	/	/	<=30	Pass
		Inner_Full	27.26	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	27.22	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Right	27.08	/	/	24.58	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.39	/	/	20.89	/	/	<=30	Pass
		Edge_1RB_Right	23.58	/	/	21.08	/	/	<=30	Pass
		Outer_Full	26.61	/	/	24.11	/	/	<=30	Pass
		Inner_Full	27.10	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Left	26.99	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	27.11	/	/	24.61	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	23.50	/	/	21.00	/	/	<=30	Pass
		Edge_1RB_Right	23.37	/	/	20.87	/	/	<=30	Pass
		Outer_Full	26.63	/	/	24.13	/	/	<=30	Pass
		Inner_Full	27.02	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Left	26.96	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Right	26.99	/	/	24.49	/	/	<=30	Pass
DFT-s-OFDM QPSK	3457.5	Edge_1RB_Left	23.60	/	/	21.10	/	/	<=30	Pass
		Edge_1RB_Right	23.53	/	/	21.03	/	/	<=30	Pass
		Outer_Full	26.20	/	/	23.70	/	/	<=30	Pass
		Inner_Full	27.20	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Left	27.09	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	27.08	/	/	24.58	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.35	/	/	20.85	/	/	<=30	Pass
		Edge_1RB_Right	23.55	/	/	21.05	/	/	<=30	Pass
		Outer_Full	26.13	/	/	23.63	/	/	<=30	Pass
		Inner_Full	27.01	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Left	26.87	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Right	27.09	/	/	24.59	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	23.52	/	/	21.02	/	/	<=30	Pass
		Edge_1RB_Right	23.35	/	/	20.85	/	/	<=30	Pass
		Outer_Full	26.07	/	/	23.57	/	/	<=30	Pass
		Inner_Full	26.95	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Left	27.05	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Right	26.87	/	/	24.37	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3457.5	Edge_1RB_Left	23.54	/	/	21.04	/	/	<=30	Pass
		Edge_1RB_Right	23.48	/	/	20.98	/	/	<=30	Pass
		Outer_Full	24.99	/	/	22.49	/	/	<=30	Pass
		Inner_Full	26.35	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Right	25.87	/	/	23.37	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.22	/	/	20.72	/	/	<=30	Pass
		Edge_1RB_Right	23.43	/	/	20.93	/	/	<=30	Pass
		Outer_Full	25.08	/	/	22.58	/	/	<=30	Pass
		Inner_Full	25.96	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Left	25.81	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Right	25.95	/	/	23.45	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	23.45	/	/	20.95	/	/	<=30	Pass
		Edge_1RB_Right	23.30	/	/	20.80	/	/	<=30	Pass
		Outer_Full	24.93	/	/	22.43	/	/	<=30	Pass
		Inner_Full	25.83	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Left	25.86	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Right	25.74	/	/	23.24	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3457.5	Edge_1RB_Left	23.68	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	23.64	/	/	21.14	/	/	<=30	Pass

		Outer_Full	24.72	/	/	22.22	/	/	<=30	Pass
		Inner_Full	24.66	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Left	24.65	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Right	24.62	/	/	22.12	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.39	/	/	20.89	/	/	<=30	Pass
		Edge_1RB_Right	23.61	/	/	21.11	/	/	<=30	Pass
		Outer_Full	24.56	/	/	22.06	/	/	<=30	Pass
		Inner_Full	24.48	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Left	24.42	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Right	24.62	/	/	22.12	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	23.47	/	/	20.97	/	/	<=30	Pass
		Edge_1RB_Right	23.42	/	/	20.92	/	/	<=30	Pass
		Outer_Full	24.47	/	/	21.97	/	/	<=30	Pass
		Inner_Full	24.49	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Left	24.57	/	/	22.07	/	/	<=30	Pass
Inner_1RB_Right		24.38	/	/	21.88	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3457.5	Edge_1RB_Left	22.62	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	20.05	/	/	<=30	Pass
		Outer_Full	22.60	/	/	20.10	/	/	<=30	Pass
		Inner_Full	22.52	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Left	22.63	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Right	22.63	/	/	20.13	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.28	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	20.06	/	/	<=30	Pass
		Outer_Full	22.49	/	/	19.99	/	/	<=30	Pass
		Inner_Full	22.58	/	/	20.08	/	/	<=30	Pass
		Inner_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Right	22.54	/	/	20.04	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.50	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	19.99	/	/	<=30	Pass
		Outer_Full	22.43	/	/	19.93	/	/	<=30	Pass
Inner_Full		22.50	/	/	20.00	/	/	<=30	Pass	
Inner_1RB_Left		22.45	/	/	19.95	/	/	<=30	Pass	
Inner_1RB_Right		22.32	/	/	19.82	/	/	<=30	Pass	
CP-OFDM QPSK	3457.5	Edge_1RB_Left	23.80	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	23.77	/	/	21.27	/	/	<=30	Pass
		Outer_Full	24.07	/	/	21.57	/	/	<=30	Pass
		Inner_Full	25.62	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Left	25.75	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	25.76	/	/	23.26	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.58	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	23.78	/	/	21.28	/	/	<=30	Pass
		Outer_Full	24.09	/	/	21.59	/	/	<=30	Pass
		Inner_Full	25.46	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Left	25.52	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Right	25.72	/	/	23.22	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	23.70	/	/	21.20	/	/	<=30	Pass
		Edge_1RB_Right	23.50	/	/	21.00	/	/	<=30	Pass
		Outer_Full	23.94	/	/	21.44	/	/	<=30	Pass
Inner_Full		25.50	/	/	23.00	/	/	<=30	Pass	
Inner_1RB_Left		25.68	/	/	23.18	/	/	<=30	Pass	
Inner_1RB_Right		25.55	/	/	23.05	/	/	<=30	Pass	
CP-OFDM 16 QAM	3457.5	Edge_1RB_Left	23.61	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	21.07	/	/	<=30	Pass
		Outer_Full	24.15	/	/	21.65	/	/	<=30	Pass
		Inner_Full	25.14	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Left	25.08	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Right	24.96	/	/	22.46	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.38	/	/	20.88	/	/	<=30	Pass

		Edge_1RB_Right	23.60	/	/	21.10	/	/	<=30	Pass
		Outer_Full	24.00	/	/	21.50	/	/	<=30	Pass
		Inner_Full	24.97	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	24.80	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Right	25.02	/	/	22.52	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	23.52	/	/	21.02	/	/	<=30	Pass
		Edge_1RB_Right	23.38	/	/	20.88	/	/	<=30	Pass
		Outer_Full	23.87	/	/	21.37	/	/	<=30	Pass
		Inner_Full	25.00	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Left	25.00	/	/	22.50	/	/	<=30	Pass
	Inner_1RB_Right	24.87	/	/	22.37	/	/	<=30	Pass	
CP-OFDM 64 QAM	3457.5	Edge_1RB_Left	23.62	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	23.65	/	/	21.15	/	/	<=30	Pass
		Outer_Full	23.68	/	/	21.18	/	/	<=30	Pass
		Inner_Full	23.68	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	21.04	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.40	/	/	20.90	/	/	<=30	Pass
		Edge_1RB_Right	23.72	/	/	21.22	/	/	<=30	Pass
		Outer_Full	23.54	/	/	21.04	/	/	<=30	Pass
		Inner_Full	23.49	/	/	20.99	/	/	<=30	Pass
		Inner_1RB_Left	23.45	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	21.13	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	23.57	/	/	21.07	/	/	<=30	Pass
		Edge_1RB_Right	23.39	/	/	20.89	/	/	<=30	Pass
		Outer_Full	23.57	/	/	21.07	/	/	<=30	Pass
		Inner_Full	23.52	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	21.03	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	20.88	/	/	<=30	Pass
CP-OFDM 256 QAM	3457.5	Edge_1RB_Left	20.68	/	/	18.18	/	/	<=30	Pass
		Edge_1RB_Right	20.56	/	/	18.06	/	/	<=30	Pass
		Outer_Full	20.65	/	/	18.15	/	/	<=30	Pass
		Inner_Full	20.62	/	/	18.12	/	/	<=30	Pass
		Inner_1RB_Left	20.75	/	/	18.25	/	/	<=30	Pass
		Inner_1RB_Right	20.65	/	/	18.15	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.49	/	/	17.99	/	/	<=30	Pass
		Edge_1RB_Right	20.67	/	/	18.17	/	/	<=30	Pass
		Outer_Full	20.55	/	/	18.05	/	/	<=30	Pass
		Inner_Full	20.50	/	/	18.00	/	/	<=30	Pass
		Inner_1RB_Left	20.45	/	/	17.95	/	/	<=30	Pass
		Inner_1RB_Right	20.64	/	/	18.14	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	20.59	/	/	18.09	/	/	<=30	Pass
		Edge_1RB_Right	20.56	/	/	18.06	/	/	<=30	Pass
		Outer_Full	20.52	/	/	18.02	/	/	<=30	Pass
Inner_Full		20.52	/	/	18.02	/	/	<=30	Pass	
Inner_1RB_Left		20.63	/	/	18.13	/	/	<=30	Pass	
	Inner_1RB_Right	20.52	/	/	18.02	/	/	<=30	Pass	
Note1: Antenna Gain: Ant6: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_20MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3460.02	Edge_1RB_Left	23.52	/	/	21.02	/	/	<=30	Pass
		Edge_1RB_Right	23.37	/	/	20.87	/	/	<=30	Pass
		Outer_Full	26.69	/	/	24.19	/	/	<=30	Pass

		Inner_Full	27.36	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Left	27.15	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Right	27.06	/	/	24.56	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.29	/	/	20.79	/	/	<=30	Pass
		Edge_1RB_Right	23.54	/	/	21.04	/	/	<=30	Pass
		Outer_Full	26.70	/	/	24.20	/	/	<=30	Pass
		Inner_Full	27.28	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Left	26.93	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Right	27.16	/	/	24.66	/	/	<=30	Pass
		Edge_1RB_Left	23.46	/	/	20.96	/	/	<=30	Pass
	3540	Edge_1RB_Right	23.35	/	/	20.85	/	/	<=30	Pass
		Outer_Full	26.58	/	/	24.08	/	/	<=30	Pass
		Inner_Full	27.19	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Left	27.03	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Right	26.98	/	/	24.48	/	/	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Edge_1RB_Left	23.53	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Right	23.39	/	/	20.89	/	/	<=30	Pass
		Outer_Full	26.28	/	/	23.78	/	/	<=30	Pass
		Inner_Full	27.21	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Left	27.23	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	26.98	/	/	24.48	/	/	<=30	Pass
		Edge_1RB_Left	23.34	/	/	20.84	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	23.50	/	/	21.00	/	/	<=30	Pass
		Outer_Full	26.11	/	/	23.61	/	/	<=30	Pass
		Inner_Full	27.11	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Left	26.96	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Right	27.03	/	/	24.53	/	/	<=30	Pass
		Edge_1RB_Left	23.42	/	/	20.92	/	/	<=30	Pass
		Edge_1RB_Right	23.30	/	/	20.80	/	/	<=30	Pass
	3540	Outer_Full	26.02	/	/	23.52	/	/	<=30	Pass
		Inner_Full	26.96	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Left	27.01	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Right	26.90	/	/	24.40	/	/	<=30	Pass
		Edge_1RB_Left	23.46	/	/	20.96	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Edge_1RB_Right	23.23	/	/	20.73	/	/	<=30	Pass
		Outer_Full	25.15	/	/	22.65	/	/	<=30	Pass
		Inner_Full	26.11	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	25.93	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Right	25.86	/	/	23.36	/	/	<=30	Pass
		Edge_1RB_Left	23.26	/	/	20.76	/	/	<=30	Pass
		Edge_1RB_Right	23.35	/	/	20.85	/	/	<=30	Pass
	3500.01	Outer_Full	24.96	/	/	22.46	/	/	<=30	Pass
		Inner_Full	26.10	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Left	25.73	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Right	25.89	/	/	23.39	/	/	<=30	Pass
		Edge_1RB_Left	23.31	/	/	20.81	/	/	<=30	Pass
		Edge_1RB_Right	23.24	/	/	20.74	/	/	<=30	Pass
		Outer_Full	24.98	/	/	22.48	/	/	<=30	Pass
	3540	Inner_Full	25.95	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Left	25.83	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Right	25.76	/	/	23.26	/	/	<=30	Pass
		Edge_1RB_Left	23.61	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Right	23.47	/	/	20.97	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer_Full	24.68	/	/	22.18	/	/	<=30	Pass
		Inner_Full	24.69	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Left	24.59	/	/	22.09	/	/	<=30	Pass
		Inner_1RB_Right	24.48	/	/	21.98	/	/	<=30	Pass
		Edge_1RB_Left	23.30	/	/	20.80	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	20.99	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	23.49	/	/	20.99	/	/	<=30	Pass

		Outer_Full	24.47	/	/	21.97	/	/	<=30	Pass
		Inner_Full	24.53	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Left	24.30	/	/	21.80	/	/	<=30	Pass
		Inner_1RB_Right	24.46	/	/	21.96	/	/	<=30	Pass
	3540	Edge_1RB_Left	23.46	/	/	20.96	/	/	<=30	Pass
		Edge_1RB_Right	23.40	/	/	20.90	/	/	<=30	Pass
		Outer_Full	24.54	/	/	22.04	/	/	<=30	Pass
		Inner_Full	24.49	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Left	24.49	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Right	24.36	/	/	21.86	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Edge_1RB_Left	22.51	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	19.89	/	/	<=30	Pass
		Outer_Full	22.70	/	/	20.20	/	/	<=30	Pass
		Inner_Full	22.70	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Left	22.66	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Right	22.39	/	/	19.89	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.32	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	20.03	/	/	<=30	Pass
		Outer_Full	22.52	/	/	20.02	/	/	<=30	Pass
		Inner_Full	22.57	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Left	22.32	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Right	22.55	/	/	20.05	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.40	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	19.84	/	/	<=30	Pass
		Outer_Full	22.48	/	/	19.98	/	/	<=30	Pass
		Inner_Full	22.52	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Left	22.42	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Right	22.38	/	/	19.88	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Edge_1RB_Left	23.70	/	/	21.20	/	/	<=30	Pass
		Edge_1RB_Right	23.60	/	/	21.10	/	/	<=30	Pass
		Outer_Full	24.25	/	/	21.75	/	/	<=30	Pass
		Inner_Full	25.65	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Left	25.76	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Right	25.65	/	/	23.15	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.50	/	/	21.00	/	/	<=30	Pass
		Edge_1RB_Right	23.75	/	/	21.25	/	/	<=30	Pass
		Outer_Full	24.09	/	/	21.59	/	/	<=30	Pass
		Inner_Full	25.45	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Left	25.53	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Right	25.75	/	/	23.25	/	/	<=30	Pass
	3540	Edge_1RB_Left	23.63	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	23.50	/	/	21.00	/	/	<=30	Pass
		Outer_Full	24.10	/	/	21.60	/	/	<=30	Pass
		Inner_Full	25.50	/	/	23.00	/	/	<=30	Pass
		Inner_1RB_Left	25.61	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	25.54	/	/	23.04	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.02	Edge_1RB_Left	23.55	/	/	21.05	/	/	<=30	Pass
		Edge_1RB_Right	23.42	/	/	20.92	/	/	<=30	Pass
		Outer_Full	24.15	/	/	21.65	/	/	<=30	Pass
		Inner_Full	25.26	/	/	22.76	/	/	<=30	Pass
		Inner_1RB_Left	25.06	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Right	24.82	/	/	22.32	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.28	/	/	20.78	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	20.99	/	/	<=30	Pass
		Outer_Full	24.08	/	/	21.58	/	/	<=30	Pass
		Inner_Full	25.16	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	22.32	/	/	<=30	Pass
		Inner_1RB_Right	24.97	/	/	22.47	/	/	<=30	Pass
	3540	Edge_1RB_Left	23.44	/	/	20.94	/	/	<=30	Pass

		Edge_1RB_Right	23.36	/	/	20.86	/	/	<=30	Pass
		Outer_Full	23.92	/	/	21.42	/	/	<=30	Pass
		Inner_Full	25.02	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	24.86	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Right	24.83	/	/	22.33	/	/	<=30	Pass
CP-OFDM 64 QAM	3460.02	Edge_1RB_Left	23.52	/	/	21.02	/	/	<=30	Pass
		Edge_1RB_Right	23.41	/	/	20.91	/	/	<=30	Pass
		Outer_Full	23.63	/	/	21.13	/	/	<=30	Pass
		Inner_Full	23.74	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Left	23.67	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	21.02	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.31	/	/	20.81	/	/	<=30	Pass
		Edge_1RB_Right	23.58	/	/	21.08	/	/	<=30	Pass
		Outer_Full	23.62	/	/	21.12	/	/	<=30	Pass
		Inner_Full	23.74	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Right	23.58	/	/	21.08	/	/	<=30	Pass
	3540	Edge_1RB_Left	23.49	/	/	20.99	/	/	<=30	Pass
		Edge_1RB_Right	23.33	/	/	20.83	/	/	<=30	Pass
		Outer_Full	23.53	/	/	21.03	/	/	<=30	Pass
Inner_Full		23.55	/	/	21.05	/	/	<=30	Pass	
Inner_1RB_Left		23.54	/	/	21.04	/	/	<=30	Pass	
Inner_1RB_Right		23.35	/	/	20.85	/	/	<=30	Pass	
CP-OFDM 256 QAM	3460.02	Edge_1RB_Left	20.70	/	/	18.20	/	/	<=30	Pass
		Edge_1RB_Right	20.49	/	/	17.99	/	/	<=30	Pass
		Outer_Full	20.70	/	/	18.20	/	/	<=30	Pass
		Inner_Full	20.66	/	/	18.16	/	/	<=30	Pass
		Inner_1RB_Left	20.71	/	/	18.21	/	/	<=30	Pass
		Inner_1RB_Right	20.42	/	/	17.92	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.42	/	/	17.92	/	/	<=30	Pass
		Edge_1RB_Right	20.62	/	/	18.12	/	/	<=30	Pass
		Outer_Full	20.53	/	/	18.03	/	/	<=30	Pass
		Inner_Full	20.65	/	/	18.15	/	/	<=30	Pass
		Inner_1RB_Left	20.47	/	/	17.97	/	/	<=30	Pass
		Inner_1RB_Right	20.62	/	/	18.12	/	/	<=30	Pass
	3540	Edge_1RB_Left	20.53	/	/	18.03	/	/	<=30	Pass
		Edge_1RB_Right	20.43	/	/	17.93	/	/	<=30	Pass
		Outer_Full	20.57	/	/	18.07	/	/	<=30	Pass
Inner_Full		20.67	/	/	18.17	/	/	<=30	Pass	
Inner_1RB_Left		20.56	/	/	18.06	/	/	<=30	Pass	
Inner_1RB_Right		20.42	/	/	17.92	/	/	<=30	Pass	
Note1: Antenna Gain: Ant6: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k_SISO_25MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3462.51	Edge 1RB Left	23.79	/	/	21.29	/	/	<=30	Pass
		Edge 1RB Right	23.41	/	/	20.91	/	/	<=30	Pass
		Outer Full	26.79	/	/	24.29	/	/	<=30	Pass
		Inner Full	27.40	/	/	24.90	/	/	<=30	Pass
		Inner 1RB Left	27.42	/	/	24.92	/	/	<=30	Pass
	3500.01	Inner 1RB Right	27.01	/	/	24.51	/	/	<=30	Pass
		Edge 1RB Left	23.45	/	/	20.95	/	/	<=30	Pass
		Edge 1RB Right	23.66	/	/	21.16	/	/	<=30	Pass
		Outer Full	26.71	/	/	24.21	/	/	<=30	Pass

		Inner_Full	27.36	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Left	26.99	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	27.23	/	/	24.73	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	23.60	/	/	21.10	/	/	<=30	Pass
		Edge_1RB_Right	23.39	/	/	20.89	/	/	<=30	Pass
		Outer_Full	26.66	/	/	24.16	/	/	<=30	Pass
		Inner_Full	27.18	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Left	27.18	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Right	26.99	/	/	24.49	/	/	<=30	Pass
DFT-s-OFDM QPSK	3462.51	Edge_1RB_Left	23.67	/	/	21.17	/	/	<=30	Pass
		Edge_1RB_Right	23.42	/	/	20.92	/	/	<=30	Pass
		Outer_Full	26.35	/	/	23.85	/	/	<=30	Pass
		Inner_Full	27.34	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Left	27.30	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Right	26.95	/	/	24.45	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.39	/	/	20.89	/	/	<=30	Pass
		Edge_1RB_Right	23.52	/	/	21.02	/	/	<=30	Pass
		Outer_Full	26.17	/	/	23.67	/	/	<=30	Pass
		Inner_Full	27.20	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Left	26.96	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Right	27.16	/	/	24.66	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	23.57	/	/	21.07	/	/	<=30	Pass
		Edge_1RB_Right	23.31	/	/	20.81	/	/	<=30	Pass
		Outer_Full	26.08	/	/	23.58	/	/	<=30	Pass
		Inner_Full	27.14	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Left	27.12	/	/	24.62	/	/	<=30	Pass
		Inner_1RB_Right	26.94	/	/	24.44	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3462.51	Edge_1RB_Left	23.68	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	23.36	/	/	20.86	/	/	<=30	Pass
		Outer_Full	25.26	/	/	22.76	/	/	<=30	Pass
		Inner_Full	26.23	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Left	26.12	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Right	25.85	/	/	23.35	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.31	/	/	20.81	/	/	<=30	Pass
		Edge_1RB_Right	23.44	/	/	20.94	/	/	<=30	Pass
		Outer_Full	25.16	/	/	22.66	/	/	<=30	Pass
		Inner_Full	26.12	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Left	25.81	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Right	26.00	/	/	23.50	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	23.47	/	/	20.97	/	/	<=30	Pass
		Edge_1RB_Right	23.31	/	/	20.81	/	/	<=30	Pass
		Outer_Full	25.07	/	/	22.57	/	/	<=30	Pass
		Inner_Full	25.89	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	25.93	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Right	25.77	/	/	23.27	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3462.51	Edge_1RB_Left	23.73	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	23.43	/	/	20.93	/	/	<=30	Pass
		Outer_Full	24.69	/	/	22.19	/	/	<=30	Pass
		Inner_Full	24.74	/	/	22.24	/	/	<=30	Pass
		Inner_1RB_Left	24.78	/	/	22.28	/	/	<=30	Pass
		Inner_1RB_Right	24.50	/	/	22.00	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.41	/	/	20.91	/	/	<=30	Pass
		Edge_1RB_Right	23.54	/	/	21.04	/	/	<=30	Pass
		Outer_Full	24.63	/	/	22.13	/	/	<=30	Pass
		Inner_Full	24.63	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Left	24.47	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Right	24.71	/	/	22.21	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	23.59	/	/	21.09	/	/	<=30	Pass
		Edge_1RB_Right	23.44	/	/	20.94	/	/	<=30	Pass

		Outer_Full	24.53	/	/	22.03	/	/	<=30	Pass
		Inner_Full	24.56	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Left	24.57	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Right	24.40	/	/	21.90	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3462.51	Edge_1RB_Left	22.80	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.94	/	/	<=30	Pass
		Outer_Full	22.75	/	/	20.25	/	/	<=30	Pass
		Inner_Full	22.68	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Right	22.37	/	/	19.87	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.44	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	20.13	/	/	<=30	Pass
		Outer_Full	22.60	/	/	20.10	/	/	<=30	Pass
		Inner_Full	22.62	/	/	20.12	/	/	<=30	Pass
		Inner_1RB_Left	22.43	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Right	22.64	/	/	20.14	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	22.57	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	19.84	/	/	<=30	Pass
		Outer_Full	22.47	/	/	19.97	/	/	<=30	Pass
		Inner_Full	22.50	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Left	22.56	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Right	22.39	/	/	19.89	/	/	<=30	Pass
CP-OFDM QPSK	3462.51	Edge_1RB_Left	23.95	/	/	21.45	/	/	<=30	Pass
		Edge_1RB_Right	23.61	/	/	21.11	/	/	<=30	Pass
		Outer_Full	24.22	/	/	21.72	/	/	<=30	Pass
		Inner_Full	25.83	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Left	25.85	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Right	25.51	/	/	23.01	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.56	/	/	21.06	/	/	<=30	Pass
		Edge_1RB_Right	23.69	/	/	21.19	/	/	<=30	Pass
		Outer_Full	24.07	/	/	21.57	/	/	<=30	Pass
		Inner_Full	25.74	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Left	25.55	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	23.30	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	23.70	/	/	21.20	/	/	<=30	Pass
		Edge_1RB_Right	23.55	/	/	21.05	/	/	<=30	Pass
		Outer_Full	24.05	/	/	21.55	/	/	<=30	Pass
		Inner_Full	25.51	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Left	25.74	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	25.49	/	/	22.99	/	/	<=30	Pass
CP-OFDM 16 QAM	3462.51	Edge_1RB_Left	23.71	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	23.47	/	/	20.97	/	/	<=30	Pass
		Outer_Full	24.23	/	/	21.73	/	/	<=30	Pass
		Inner_Full	25.23	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Left	25.17	/	/	22.67	/	/	<=30	Pass
		Inner_1RB_Right	24.83	/	/	22.33	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.30	/	/	20.80	/	/	<=30	Pass
		Edge_1RB_Right	23.59	/	/	21.09	/	/	<=30	Pass
		Outer_Full	24.23	/	/	21.73	/	/	<=30	Pass
		Inner_Full	25.09	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Left	25.09	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Right	25.08	/	/	22.58	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	23.56	/	/	21.06	/	/	<=30	Pass
		Edge_1RB_Right	23.41	/	/	20.91	/	/	<=30	Pass
		Outer_Full	24.02	/	/	21.52	/	/	<=30	Pass
		Inner_Full	25.05	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	25.03	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Right	24.82	/	/	22.32	/	/	<=30	Pass
CP-OFDM 64 QAM	3462.51	Edge_1RB_Left	23.78	/	/	21.28	/	/	<=30	Pass

		Edge 1RB Right	23.46	/	/	20.96	/	/	<=30	Pass	
		Outer_Full	23.80	/	/	21.30	/	/	<=30	Pass	
		Inner_Full	23.71	/	/	21.21	/	/	<=30	Pass	
		Inner_1RB_Left	23.75	/	/	21.25	/	/	<=30	Pass	
		Inner_1RB_Right	23.53	/	/	21.03	/	/	<=30	Pass	
	3500.01	Edge 1RB Left	23.47	/	/	20.97	/	/	<=30	Pass	
		Edge 1RB Right	23.55	/	/	21.05	/	/	<=30	Pass	
		Outer_Full	23.70	/	/	21.20	/	/	<=30	Pass	
		Inner_Full	23.58	/	/	21.08	/	/	<=30	Pass	
		Inner_1RB_Left	23.46	/	/	20.96	/	/	<=30	Pass	
	3537.48	Inner_1RB_Right	23.59	/	/	21.09	/	/	<=30	Pass	
		Edge 1RB Left	23.56	/	/	21.06	/	/	<=30	Pass	
		Edge 1RB Right	23.38	/	/	20.88	/	/	<=30	Pass	
		Outer_Full	23.61	/	/	21.11	/	/	<=30	Pass	
		Inner_Full	23.93	/	/	21.43	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3462.51	Inner_1RB_Left	23.58	/	/	21.08	/	/	<=30	Pass
			Inner_1RB_Right	23.42	/	/	20.92	/	/	<=30	Pass
			Edge 1RB Left	20.95	/	/	18.45	/	/	<=30	Pass
Edge 1RB Right			20.46	/	/	17.96	/	/	<=30	Pass	
Outer_Full			20.76	/	/	18.26	/	/	<=30	Pass	
Inner_Full			20.75	/	/	18.25	/	/	<=30	Pass	
3500.01		Inner_1RB_Left	20.93	/	/	18.43	/	/	<=30	Pass	
		Inner_1RB_Right	20.51	/	/	18.01	/	/	<=30	Pass	
		Edge 1RB Left	20.50	/	/	18.00	/	/	<=30	Pass	
		Edge 1RB Right	20.74	/	/	18.24	/	/	<=30	Pass	
		Outer_Full	20.64	/	/	18.14	/	/	<=30	Pass	
		Inner_Full	20.74	/	/	18.24	/	/	<=30	Pass	
3537.48		Inner_1RB_Left	20.53	/	/	18.03	/	/	<=30	Pass	
		Inner_1RB_Right	20.75	/	/	18.25	/	/	<=30	Pass	
		Edge 1RB Left	20.67	/	/	18.17	/	/	<=30	Pass	
		Edge 1RB Right	20.48	/	/	17.98	/	/	<=30	Pass	
		Outer_Full	20.63	/	/	18.13	/	/	<=30	Pass	
		Inner_Full	20.55	/	/	18.05	/	/	<=30	Pass	
	Inner_1RB_Left	20.70	/	/	18.20	/	/	<=30	Pass		
	Inner_1RB_Right	20.47	/	/	17.97	/	/	<=30	Pass		
Note1: Antenna Gain: Ant6: -2.50dBi;											
Note2: EIRP=Conducted Power+Antenna Gain											

1.1.5 30k_SISO_30MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum		
DFT-s-OFDM PI/2 BPSK	3465	Edge 1RB Left	23.74	/	/	21.24	/	/	<=30	Pass
		Edge 1RB Right	23.31	/	/	20.81	/	/	<=30	Pass
		Outer Full	26.64	/	/	24.14	/	/	<=30	Pass
		Inner Full	27.28	/	/	24.78	/	/	<=30	Pass
		Inner 1RB Left	27.36	/	/	24.86	/	/	<=30	Pass
		Inner 1RB Right	26.89	/	/	24.39	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.39	/	/	20.89	/	/	<=30	Pass
		Edge 1RB Right	23.54	/	/	21.04	/	/	<=30	Pass
		Outer Full	26.75	/	/	24.25	/	/	<=30	Pass
		Inner Full	27.32	/	/	24.82	/	/	<=30	Pass
		Inner 1RB Left	27.07	/	/	24.57	/	/	<=30	Pass
	3534.99	Inner 1RB Right	27.15	/	/	24.65	/	/	<=30	Pass
		Edge 1RB Left	23.61	/	/	21.11	/	/	<=30	Pass
		Edge 1RB Right	23.48	/	/	20.98	/	/	<=30	Pass
		Outer Full	26.67	/	/	24.17	/	/	<=30	Pass

		Inner_Full	27.31	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Left	27.25	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Right	27.14	/	/	24.64	/	/	<=30	Pass
DFT-s-OFDM QPSK	3465	Edge_1RB_Left	23.75	/	/	21.25	/	/	<=30	Pass
		Edge_1RB_Right	23.22	/	/	20.72	/	/	<=30	Pass
		Outer_Full	26.18	/	/	23.68	/	/	<=30	Pass
		Inner_Full	27.25	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Left	27.27	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Right	26.76	/	/	24.26	/	/	<=30	Pass
		Edge_1RB_Left	23.38	/	/	20.88	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	23.62	/	/	21.12	/	/	<=30	Pass
		Outer_Full	26.09	/	/	23.59	/	/	<=30	Pass
		Inner_Full	27.24	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	26.92	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Right	27.03	/	/	24.53	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	23.64	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	20.99	/	/	<=30	Pass
		Outer_Full	26.17	/	/	23.67	/	/	<=30	Pass
		Inner_Full	27.25	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Left	27.18	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Right	27.06	/	/	24.56	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Edge_1RB_Left	23.62	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	23.17	/	/	20.67	/	/	<=30	Pass
		Outer_Full	25.17	/	/	22.67	/	/	<=30	Pass
		Inner_Full	26.07	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Left	26.12	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Right	25.64	/	/	23.14	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.31	/	/	20.81	/	/	<=30	Pass
		Edge_1RB_Right	23.46	/	/	20.96	/	/	<=30	Pass
		Outer_Full	25.14	/	/	22.64	/	/	<=30	Pass
		Inner_Full	26.14	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Left	25.74	/	/	23.24	/	/	<=30	Pass
	3534.99	Inner_1RB_Right	25.92	/	/	23.42	/	/	<=30	Pass
		Edge_1RB_Left	23.55	/	/	21.05	/	/	<=30	Pass
		Edge_1RB_Right	23.40	/	/	20.90	/	/	<=30	Pass
		Outer_Full	25.19	/	/	22.69	/	/	<=30	Pass
		Inner_Full	26.04	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	23.50	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Inner_1RB_Right	25.89	/	/	23.39	/	/	<=30	Pass
		Edge_1RB_Left	23.74	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	23.34	/	/	20.84	/	/	<=30	Pass
		Outer_Full	24.62	/	/	22.12	/	/	<=30	Pass
		Inner_Full	24.72	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	22.24	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	24.36	/	/	21.86	/	/	<=30	Pass
		Edge_1RB_Left	23.50	/	/	21.00	/	/	<=30	Pass
		Edge_1RB_Right	23.52	/	/	21.02	/	/	<=30	Pass
		Outer_Full	24.66	/	/	22.16	/	/	<=30	Pass
		Inner_Full	24.69	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Left	24.46	/	/	21.96	/	/	<=30	Pass
	3534.99	Inner_1RB_Right	24.63	/	/	22.13	/	/	<=30	Pass
		Edge_1RB_Left	23.73	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	21.07	/	/	<=30	Pass
		Outer_Full	24.64	/	/	22.14	/	/	<=30	Pass
		Inner_Full	24.69	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Left	24.73	/	/	22.23	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3465	Inner_1RB_Right	24.62	/	/	22.12	/	/	<=30	Pass
		Edge_1RB_Left	22.77	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	19.74	/	/	<=30	Pass

		Outer_Full	22.66	/	/	20.16	/	/	<=30	Pass
		Inner_Full	22.64	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Left	22.89	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Right	22.26	/	/	19.76	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.45	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	20.09	/	/	<=30	Pass
		Outer_Full	22.56	/	/	20.06	/	/	<=30	Pass
		Inner_Full	22.58	/	/	20.08	/	/	<=30	Pass
		Inner_1RB_Left	22.40	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	20.09	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.63	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	20.00	/	/	<=30	Pass
		Outer_Full	22.71	/	/	20.21	/	/	<=30	Pass
		Inner_Full	22.60	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Left	22.68	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Right	22.52	/	/	20.02	/	/	<=30	Pass
CP-OFDM QPSK	3465	Edge_1RB_Left	23.96	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Right	23.52	/	/	21.02	/	/	<=30	Pass
		Outer_Full	23.98	/	/	21.48	/	/	<=30	Pass
		Inner_Full	25.64	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Left	25.88	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Right	25.43	/	/	22.93	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.55	/	/	21.05	/	/	<=30	Pass
		Edge_1RB_Right	23.74	/	/	21.24	/	/	<=30	Pass
		Outer_Full	24.03	/	/	21.53	/	/	<=30	Pass
		Inner_Full	25.65	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Left	25.63	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	25.67	/	/	23.17	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	23.83	/	/	21.33	/	/	<=30	Pass
		Edge_1RB_Right	23.72	/	/	21.22	/	/	<=30	Pass
		Outer_Full	24.13	/	/	21.63	/	/	<=30	Pass
		Inner_Full	25.60	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Left	25.83	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Right	25.57	/	/	23.07	/	/	<=30	Pass
CP-OFDM 16 QAM	3465	Edge_1RB_Left	23.75	/	/	21.25	/	/	<=30	Pass
		Edge_1RB_Right	23.36	/	/	20.86	/	/	<=30	Pass
		Outer_Full	24.18	/	/	21.68	/	/	<=30	Pass
		Inner_Full	25.16	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Left	25.12	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Right	24.70	/	/	22.20	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.47	/	/	20.97	/	/	<=30	Pass
		Edge_1RB_Right	23.62	/	/	21.12	/	/	<=30	Pass
		Outer_Full	24.22	/	/	21.72	/	/	<=30	Pass
		Inner_Full	25.20	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Left	24.84	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Right	24.88	/	/	22.38	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	23.68	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	21.07	/	/	<=30	Pass
		Outer_Full	24.15	/	/	21.65	/	/	<=30	Pass
		Inner_Full	25.19	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Left	25.08	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Right	24.89	/	/	22.39	/	/	<=30	Pass
CP-OFDM 64 QAM	3465	Edge_1RB_Left	23.77	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	23.31	/	/	20.81	/	/	<=30	Pass
		Outer_Full	23.67	/	/	21.17	/	/	<=30	Pass
		Inner_Full	23.63	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Left	23.90	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	20.87	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.37	/	/	20.87	/	/	<=30	Pass

		Edge 1RB Right	23.60	/	/	21.10	/	/	<=30	Pass
		Outer_Full	23.75	/	/	21.25	/	/	<=30	Pass
		Inner_Full	23.68	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Left	23.40	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	21.09	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	23.74	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	23.51	/	/	21.01	/	/	<=30	Pass
		Outer_Full	23.71	/	/	21.21	/	/	<=30	Pass
		Inner_Full	23.72	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Left	23.78	/	/	21.28	/	/	<=30	Pass
	Inner_1RB_Right	23.60	/	/	21.10	/	/	<=30	Pass	
CP-OFDM 256 QAM	3465	Edge_1RB_Left	20.82	/	/	18.32	/	/	<=30	Pass
		Edge_1RB_Right	20.41	/	/	17.91	/	/	<=30	Pass
		Outer_Full	20.68	/	/	18.18	/	/	<=30	Pass
		Inner_Full	20.64	/	/	18.14	/	/	<=30	Pass
		Inner_1RB_Left	20.92	/	/	18.42	/	/	<=30	Pass
		Inner_1RB_Right	20.32	/	/	17.82	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.46	/	/	17.96	/	/	<=30	Pass
		Edge_1RB_Right	20.69	/	/	18.19	/	/	<=30	Pass
		Outer_Full	20.64	/	/	18.14	/	/	<=30	Pass
		Inner_Full	20.69	/	/	18.19	/	/	<=30	Pass
		Inner_1RB_Left	20.50	/	/	18.00	/	/	<=30	Pass
		Inner_1RB_Right	20.72	/	/	18.22	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	20.71	/	/	18.21	/	/	<=30	Pass
		Edge_1RB_Right	20.63	/	/	18.13	/	/	<=30	Pass
		Outer_Full	20.68	/	/	18.18	/	/	<=30	Pass
		Inner_Full	20.66	/	/	18.16	/	/	<=30	Pass
		Inner_1RB_Left	20.74	/	/	18.24	/	/	<=30	Pass
		Inner_1RB_Right	20.57	/	/	18.07	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30k_SISO_40MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Edge 1RB Left	23.76	/	/	21.26	/	/	<=30	Pass
		Edge 1RB Right	23.41	/	/	20.91	/	/	<=30	Pass
		Outer Full	26.68	/	/	24.18	/	/	<=30	Pass
		Inner Full	27.35	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Left	27.21	/	/	24.71	/	/	<=30	Pass
		Inner 1RB Right	26.91	/	/	24.41	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.24	/	/	20.74	/	/	<=30	Pass
		Edge 1RB Right	23.43	/	/	20.93	/	/	<=30	Pass
		Outer Full	26.71	/	/	24.21	/	/	<=30	Pass
		Inner Full	27.35	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Left	26.82	/	/	24.32	/	/	<=30	Pass
		Inner 1RB Right	27.07	/	/	24.57	/	/	<=30	Pass
	3529.98	Edge 1RB Left	23.51	/	/	21.01	/	/	<=30	Pass
		Edge 1RB Right	23.25	/	/	20.75	/	/	<=30	Pass
		Outer Full	26.62	/	/	24.12	/	/	<=30	Pass
		Inner Full	27.31	/	/	24.81	/	/	<=30	Pass
		Inner 1RB Left	27.12	/	/	24.62	/	/	<=30	Pass
		Inner 1RB Right	26.91	/	/	24.41	/	/	<=30	Pass
DFT-s-OFDM QPSK	3470.01	Edge 1RB Left	23.65	/	/	21.15	/	/	<=30	Pass
		Edge 1RB Right	23.32	/	/	20.82	/	/	<=30	Pass
		Outer Full	26.08	/	/	23.58	/	/	<=30	Pass

		Inner_Full	27.16	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	27.15	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Right	26.97	/	/	24.47	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.21	/	/	20.71	/	/	<=30	Pass
		Edge_1RB_Right	23.46	/	/	20.96	/	/	<=30	Pass
		Outer_Full	26.16	/	/	23.66	/	/	<=30	Pass
		Inner_Full	27.14	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Left	26.80	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Right	27.03	/	/	24.53	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	23.50	/	/	21.00	/	/	<=30	Pass
		Edge_1RB_Right	23.34	/	/	20.84	/	/	<=30	Pass
		Outer_Full	26.07	/	/	23.57	/	/	<=30	Pass
		Inner_Full	27.07	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Left	27.06	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Right	26.94	/	/	24.44	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Edge_1RB_Left	23.56	/	/	21.06	/	/	<=30	Pass
		Edge_1RB_Right	23.27	/	/	20.77	/	/	<=30	Pass
		Outer_Full	25.04	/	/	22.54	/	/	<=30	Pass
		Inner_Full	26.10	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Right	25.74	/	/	23.24	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.13	/	/	20.63	/	/	<=30	Pass
		Edge_1RB_Right	23.35	/	/	20.85	/	/	<=30	Pass
		Outer_Full	24.95	/	/	22.45	/	/	<=30	Pass
		Inner_Full	26.03	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Left	25.61	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	25.90	/	/	23.40	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	23.47	/	/	20.97	/	/	<=30	Pass
		Edge_1RB_Right	23.20	/	/	20.70	/	/	<=30	Pass
		Outer_Full	24.97	/	/	22.47	/	/	<=30	Pass
		Inner_Full	26.07	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Left	25.93	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Right	25.70	/	/	23.20	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Edge_1RB_Left	23.61	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Right	23.37	/	/	20.87	/	/	<=30	Pass
		Outer_Full	24.64	/	/	22.14	/	/	<=30	Pass
		Inner_Full	24.65	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Left	24.65	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Right	24.44	/	/	21.94	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.29	/	/	20.79	/	/	<=30	Pass
		Edge_1RB_Right	23.48	/	/	20.98	/	/	<=30	Pass
		Outer_Full	24.49	/	/	21.99	/	/	<=30	Pass
		Inner_Full	24.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	24.23	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Right	24.47	/	/	21.97	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	23.57	/	/	21.07	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	20.79	/	/	<=30	Pass
		Outer_Full	24.52	/	/	22.02	/	/	<=30	Pass
		Inner_Full	24.60	/	/	22.10	/	/	<=30	Pass
		Inner_1RB_Left	24.61	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Right	24.36	/	/	21.86	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Edge_1RB_Left	22.66	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	19.89	/	/	<=30	Pass
		Outer_Full	22.59	/	/	20.09	/	/	<=30	Pass
		Inner_Full	22.57	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Left	22.65	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Right	22.39	/	/	19.89	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.11	/	/	19.61	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.94	/	/	<=30	Pass

		Outer_Full	22.60	/	/	20.10	/	/	<=30	Pass
		Inner_Full	22.64	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Left	22.25	/	/	19.75	/	/	<=30	Pass
		Inner_1RB_Right	22.42	/	/	19.92	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.55	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	19.77	/	/	<=30	Pass
		Outer_Full	22.56	/	/	20.06	/	/	<=30	Pass
		Inner_Full	22.65	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Left	22.55	/	/	20.05	/	/	<=30	Pass
		Inner_1RB_Right	22.27	/	/	19.77	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Edge_1RB_Left	23.78	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	23.60	/	/	21.10	/	/	<=30	Pass
		Outer_Full	24.23	/	/	21.73	/	/	<=30	Pass
		Inner_Full	25.63	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Left	25.80	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Right	25.56	/	/	23.06	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.40	/	/	20.90	/	/	<=30	Pass
		Edge_1RB_Right	23.67	/	/	21.17	/	/	<=30	Pass
		Outer_Full	24.11	/	/	21.61	/	/	<=30	Pass
		Inner_Full	25.60	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Left	25.41	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Right	25.59	/	/	23.09	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	23.65	/	/	21.15	/	/	<=30	Pass
		Edge_1RB_Right	23.47	/	/	20.97	/	/	<=30	Pass
		Outer_Full	24.08	/	/	21.58	/	/	<=30	Pass
		Inner_Full	25.51	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Left	25.74	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	25.41	/	/	22.91	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Edge_1RB_Left	23.65	/	/	21.15	/	/	<=30	Pass
		Edge_1RB_Right	23.31	/	/	20.81	/	/	<=30	Pass
		Outer_Full	24.09	/	/	21.59	/	/	<=30	Pass
		Inner_Full	25.11	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Left	25.09	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Right	24.76	/	/	22.26	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.25	/	/	20.75	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	20.99	/	/	<=30	Pass
		Outer_Full	24.01	/	/	21.51	/	/	<=30	Pass
		Inner_Full	25.09	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Left	24.64	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Right	24.90	/	/	22.40	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	23.45	/	/	20.95	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	20.79	/	/	<=30	Pass
		Outer_Full	24.12	/	/	21.62	/	/	<=30	Pass
		Inner_Full	25.13	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Left	24.96	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Right	24.73	/	/	22.23	/	/	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge_1RB_Left	23.62	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	23.45	/	/	20.95	/	/	<=30	Pass
		Outer_Full	23.69	/	/	21.19	/	/	<=30	Pass
		Inner_Full	23.65	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	20.82	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.24	/	/	20.74	/	/	<=30	Pass
		Edge_1RB_Right	23.50	/	/	21.00	/	/	<=30	Pass
		Outer_Full	23.60	/	/	21.10	/	/	<=30	Pass
		Inner_Full	23.63	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Left	23.28	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	21.01	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	23.53	/	/	21.03	/	/	<=30	Pass

		Edge 1RB Right	23.31	/	/	20.81	/	/	<=30	Pass	
		Outer_Full	23.60	/	/	21.10	/	/	<=30	Pass	
		Inner_Full	23.67	/	/	21.17	/	/	<=30	Pass	
		Inner_1RB_Left	23.59	/	/	21.09	/	/	<=30	Pass	
		Inner_1RB_Right	23.33	/	/	20.83	/	/	<=30	Pass	
CP-OFDM 256 QAM	3470.01	Edge_1RB_Left	20.71	/	/	18.21	/	/	<=30	Pass	
		Edge_1RB_Right	20.52	/	/	18.02	/	/	<=30	Pass	
		Outer_Full	20.55	/	/	18.05	/	/	<=30	Pass	
		Inner_Full	20.67	/	/	18.17	/	/	<=30	Pass	
		Inner_1RB_Left	20.72	/	/	18.22	/	/	<=30	Pass	
		Inner_1RB_Right	20.49	/	/	17.99	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	20.31	/	/	17.81	/	/	<=30	Pass	
		Edge_1RB_Right	20.55	/	/	18.05	/	/	<=30	Pass	
		Outer_Full	20.59	/	/	18.09	/	/	<=30	Pass	
		Inner_Full	20.74	/	/	18.24	/	/	<=30	Pass	
		Inner_1RB_Left	20.32	/	/	17.82	/	/	<=30	Pass	
		Inner_1RB_Right	20.56	/	/	18.06	/	/	<=30	Pass	
	3529.98	Edge_1RB_Left	20.60	/	/	18.10	/	/	<=30	Pass	
		Edge_1RB_Right	20.47	/	/	17.97	/	/	<=30	Pass	
		Outer_Full	20.54	/	/	18.04	/	/	<=30	Pass	
		Inner_Full	20.72	/	/	18.22	/	/	<=30	Pass	
		Inner_1RB_Left	20.61	/	/	18.11	/	/	<=30	Pass	
			Inner_1RB_Right	20.50	/	/	18.00	/	/	<=30	Pass
	Note1: Antenna Gain: Ant6: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30k_SISO_50MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3475.02	Edge_1RB_Left	23.75	/	/	21.25	/	/	<=30	Pass
		Edge_1RB_Right	23.62	/	/	21.12	/	/	<=30	Pass
		Outer_Full	26.74	/	/	24.24	/	/	<=30	Pass
		Inner_Full	27.29	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Left	27.30	/	/	24.80	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	27.24	/	/	24.74	/	/	<=30	Pass
		Edge_1RB_Left	23.43	/	/	20.93	/	/	<=30	Pass
		Edge_1RB_Right	23.74	/	/	21.24	/	/	<=30	Pass
		Outer_Full	26.66	/	/	24.16	/	/	<=30	Pass
		Inner_Full	27.36	/	/	24.86	/	/	<=30	Pass
	3525	Inner_1RB_Left	27.05	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Right	27.30	/	/	24.80	/	/	<=30	Pass
		Edge_1RB_Left	23.65	/	/	21.15	/	/	<=30	Pass
		Edge_1RB_Right	23.36	/	/	20.86	/	/	<=30	Pass
		Outer_Full	26.74	/	/	24.24	/	/	<=30	Pass
DFT-s-OFDM QPSK	3475.02	Inner_Full	27.42	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Left	27.23	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	27.06	/	/	24.56	/	/	<=30	Pass
		Edge_1RB_Left	23.75	/	/	21.25	/	/	<=30	Pass
		Edge_1RB_Right	23.59	/	/	21.09	/	/	<=30	Pass
	3500.01	Outer_Full	26.23	/	/	23.73	/	/	<=30	Pass
		Inner_Full	27.19	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Left	27.27	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Right	27.21	/	/	24.71	/	/	<=30	Pass
		Edge_1RB_Left	23.31	/	/	20.81	/	/	<=30	Pass
		Edge_1RB_Right	23.66	/	/	21.16	/	/	<=30	Pass
		Outer_Full	26.28	/	/	23.78	/	/	<=30	Pass

		Inner_Full	27.25	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Left	26.93	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Right	27.18	/	/	24.68	/	/	<=30	Pass
	3525	Edge_1RB_Left	23.66	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Right	23.43	/	/	20.93	/	/	<=30	Pass
		Outer_Full	26.22	/	/	23.72	/	/	<=30	Pass
		Inner_Full	27.36	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Left	27.15	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Right	26.93	/	/	24.43	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Edge_1RB_Left	23.68	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	23.54	/	/	21.04	/	/	<=30	Pass
		Outer_Full	25.07	/	/	22.57	/	/	<=30	Pass
		Inner_Full	26.14	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Left	26.14	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Right	26.01	/	/	23.51	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.20	/	/	20.70	/	/	<=30	Pass
		Edge_1RB_Right	23.56	/	/	21.06	/	/	<=30	Pass
		Outer_Full	25.14	/	/	22.64	/	/	<=30	Pass
		Inner_Full	26.18	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Left	25.72	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Right	26.15	/	/	23.65	/	/	<=30	Pass
	3525	Edge_1RB_Left	23.59	/	/	21.09	/	/	<=30	Pass
		Edge_1RB_Right	23.32	/	/	20.82	/	/	<=30	Pass
		Outer_Full	25.19	/	/	22.69	/	/	<=30	Pass
		Inner_Full	26.18	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Left	26.04	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Right	25.82	/	/	23.32	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Edge_1RB_Left	23.76	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	23.65	/	/	21.15	/	/	<=30	Pass
		Outer_Full	24.75	/	/	22.25	/	/	<=30	Pass
		Inner_Full	24.73	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Left	24.79	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Right	24.74	/	/	22.24	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.36	/	/	20.86	/	/	<=30	Pass
		Edge_1RB_Right	23.73	/	/	21.23	/	/	<=30	Pass
		Outer_Full	24.60	/	/	22.10	/	/	<=30	Pass
		Inner_Full	24.71	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Left	24.41	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Right	24.71	/	/	22.21	/	/	<=30	Pass
	3525	Edge_1RB_Left	23.63	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	23.47	/	/	20.97	/	/	<=30	Pass
		Outer_Full	24.65	/	/	22.15	/	/	<=30	Pass
		Inner_Full	24.73	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Right	24.52	/	/	22.02	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.02	Edge_1RB_Left	22.74	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	20.17	/	/	<=30	Pass
		Outer_Full	22.62	/	/	20.12	/	/	<=30	Pass
		Inner_Full	22.61	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Right	22.68	/	/	20.18	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	20.18	/	/	<=30	Pass
		Outer_Full	22.69	/	/	20.19	/	/	<=30	Pass
		Inner_Full	22.79	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Right	22.69	/	/	20.19	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.59	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.95	/	/	<=30	Pass

		Outer_Full	22.61	/	/	20.11	/	/	<=30	Pass
		Inner_Full	22.68	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Left	22.73	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Right	22.56	/	/	20.06	/	/	<=30	Pass
CP-OFDM QPSK	3475.02	Edge_1RB_Left	23.89	/	/	21.39	/	/	<=30	Pass
		Edge_1RB_Right	23.85	/	/	21.35	/	/	<=30	Pass
		Outer_Full	24.12	/	/	21.62	/	/	<=30	Pass
		Inner_Full	25.61	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Right	25.75	/	/	23.25	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.59	/	/	21.09	/	/	<=30	Pass
		Edge_1RB_Right	23.89	/	/	21.39	/	/	<=30	Pass
		Outer_Full	24.19	/	/	21.69	/	/	<=30	Pass
		Inner_Full	25.72	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Left	25.55	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	25.86	/	/	23.36	/	/	<=30	Pass
	3525	Edge_1RB_Left	23.81	/	/	21.31	/	/	<=30	Pass
		Edge_1RB_Right	23.65	/	/	21.15	/	/	<=30	Pass
		Outer_Full	24.18	/	/	21.68	/	/	<=30	Pass
		Inner_Full	25.76	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Left	25.81	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Right	25.69	/	/	23.19	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.02	Edge_1RB_Left	23.71	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	23.60	/	/	21.10	/	/	<=30	Pass
		Outer_Full	24.24	/	/	21.74	/	/	<=30	Pass
		Inner_Full	25.21	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Left	25.17	/	/	22.67	/	/	<=30	Pass
		Inner_1RB_Right	25.08	/	/	22.58	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.30	/	/	20.80	/	/	<=30	Pass
		Edge_1RB_Right	23.77	/	/	21.27	/	/	<=30	Pass
		Outer_Full	24.17	/	/	21.67	/	/	<=30	Pass
		Inner_Full	25.24	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Left	24.80	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Right	25.16	/	/	22.66	/	/	<=30	Pass
	3525	Edge_1RB_Left	23.62	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	23.43	/	/	20.93	/	/	<=30	Pass
		Outer_Full	24.20	/	/	21.70	/	/	<=30	Pass
		Inner_Full	25.33	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Left	25.12	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Right	24.90	/	/	22.40	/	/	<=30	Pass
CP-OFDM 64 QAM	3475.02	Edge_1RB_Left	23.74	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	23.64	/	/	21.14	/	/	<=30	Pass
		Outer_Full	23.77	/	/	21.27	/	/	<=30	Pass
		Inner_Full	23.72	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Left	23.91	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	21.23	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.32	/	/	20.82	/	/	<=30	Pass
		Edge_1RB_Right	23.74	/	/	21.24	/	/	<=30	Pass
		Outer_Full	23.72	/	/	21.22	/	/	<=30	Pass
		Inner_Full	23.86	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Left	23.43	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	21.24	/	/	<=30	Pass
	3525	Edge_1RB_Left	23.62	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	23.42	/	/	20.92	/	/	<=30	Pass
		Outer_Full	23.85	/	/	21.35	/	/	<=30	Pass
		Inner_Full	23.85	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Left	23.65	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	20.92	/	/	<=30	Pass
CP-OFDM 256 QAM	3475.02	Edge_1RB_Left	20.81	/	/	18.31	/	/	<=30	Pass

		Edge 1RB Right	20.70	/	/	18.20	/	/	<=30	Pass
		Outer_Full	20.67	/	/	18.17	/	/	<=30	Pass
		Inner_Full	20.61	/	/	18.11	/	/	<=30	Pass
		Inner_1RB Left	20.86	/	/	18.36	/	/	<=30	Pass
		Inner_1RB Right	20.70	/	/	18.20	/	/	<=30	Pass
	3500.01	Edge 1RB Left	20.50	/	/	18.00	/	/	<=30	Pass
		Edge 1RB Right	20.80	/	/	18.30	/	/	<=30	Pass
		Outer_Full	20.68	/	/	18.18	/	/	<=30	Pass
		Inner_Full	20.88	/	/	18.38	/	/	<=30	Pass
		Inner_1RB Left	20.54	/	/	18.04	/	/	<=30	Pass
	3525	Inner_1RB Right	20.81	/	/	18.31	/	/	<=30	Pass
		Edge 1RB Left	20.85	/	/	18.35	/	/	<=30	Pass
		Edge 1RB Right	20.59	/	/	18.09	/	/	<=30	Pass
		Outer_Full	20.70	/	/	18.20	/	/	<=30	Pass
		Inner_Full	20.74	/	/	18.24	/	/	<=30	Pass
		Inner_1RB Left	20.74	/	/	18.24	/	/	<=30	Pass
		Inner_1RB Right	20.60	/	/	18.10	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_60MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3480	Edge 1RB Left	23.57	/	/	21.07	/	/	<=30	Pass
		Edge 1RB Right	23.49	/	/	20.99	/	/	<=30	Pass
		Outer Full	26.62	/	/	24.12	/	/	<=30	Pass
		Inner Full	26.91	/	/	24.41	/	/	<=30	Pass
		Inner 1RB Left	27.13	/	/	24.63	/	/	<=30	Pass
		Inner 1RB Right	27.15	/	/	24.65	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.30	/	/	20.80	/	/	<=30	Pass
		Edge 1RB Right	23.46	/	/	20.96	/	/	<=30	Pass
		Outer Full	26.50	/	/	24.00	/	/	<=30	Pass
		Inner Full	27.03	/	/	24.53	/	/	<=30	Pass
		Inner 1RB Left	26.94	/	/	24.44	/	/	<=30	Pass
		Inner 1RB Right	27.02	/	/	24.52	/	/	<=30	Pass
	3519.99	Edge 1RB Left	23.29	/	/	20.79	/	/	<=30	Pass
		Edge 1RB Right	23.24	/	/	20.74	/	/	<=30	Pass
		Outer Full	26.57	/	/	24.07	/	/	<=30	Pass
		Inner Full	27.19	/	/	24.69	/	/	<=30	Pass
		Inner 1RB Left	26.86	/	/	24.36	/	/	<=30	Pass
		Inner 1RB Right	26.89	/	/	24.39	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Edge 1RB Left	23.53	/	/	21.03	/	/	<=30	Pass
		Edge 1RB Right	23.50	/	/	21.00	/	/	<=30	Pass
		Outer Full	26.02	/	/	23.52	/	/	<=30	Pass
		Inner Full	26.88	/	/	24.38	/	/	<=30	Pass
		Inner 1RB Left	27.08	/	/	24.58	/	/	<=30	Pass
		Inner 1RB Right	26.99	/	/	24.49	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.34	/	/	20.84	/	/	<=30	Pass
		Edge 1RB Right	23.38	/	/	20.88	/	/	<=30	Pass
		Outer Full	26.03	/	/	23.53	/	/	<=30	Pass
		Inner Full	27.00	/	/	24.50	/	/	<=30	Pass
		Inner 1RB Left	26.80	/	/	24.30	/	/	<=30	Pass
		Inner 1RB Right	26.93	/	/	24.43	/	/	<=30	Pass
	3519.99	Edge 1RB Left	23.29	/	/	20.79	/	/	<=30	Pass
		Edge 1RB Right	23.28	/	/	20.78	/	/	<=30	Pass
		Outer Full	26.05	/	/	23.55	/	/	<=30	Pass

		Inner_Full	26.96	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Left	26.88	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Right	26.86	/	/	24.36	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Edge_1RB_Left	23.46	/	/	20.96	/	/	<=30	Pass
		Edge_1RB_Right	23.43	/	/	20.93	/	/	<=30	Pass
		Outer_Full	24.93	/	/	22.43	/	/	<=30	Pass
		Inner_Full	25.77	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Left	25.97	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	25.90	/	/	23.40	/	/	<=30	Pass
		Edge_1RB_Left	23.10	/	/	20.60	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	23.25	/	/	20.75	/	/	<=30	Pass
		Outer_Full	24.94	/	/	22.44	/	/	<=30	Pass
		Inner_Full	25.89	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	25.68	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Right	25.68	/	/	23.18	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	23.34	/	/	20.84	/	/	<=30	Pass
		Edge_1RB_Right	23.21	/	/	20.71	/	/	<=30	Pass
		Outer_Full	24.99	/	/	22.49	/	/	<=30	Pass
		Inner_Full	25.95	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Left	25.73	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Right	25.73	/	/	23.23	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Edge_1RB_Left	23.62	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	23.55	/	/	21.05	/	/	<=30	Pass
		Outer_Full	24.46	/	/	21.96	/	/	<=30	Pass
		Inner_Full	24.42	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Left	24.55	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Right	24.54	/	/	22.04	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.32	/	/	20.82	/	/	<=30	Pass
		Edge_1RB_Right	23.47	/	/	20.97	/	/	<=30	Pass
		Outer_Full	24.42	/	/	21.92	/	/	<=30	Pass
		Inner_Full	24.46	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Left	24.26	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Right	24.53	/	/	22.03	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	23.38	/	/	20.88	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	20.79	/	/	<=30	Pass
		Outer_Full	24.48	/	/	21.98	/	/	<=30	Pass
		Inner_Full	24.66	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Left	24.33	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Right	24.29	/	/	21.79	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Edge_1RB_Left	22.53	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	19.98	/	/	<=30	Pass
		Outer_Full	22.52	/	/	20.02	/	/	<=30	Pass
		Inner_Full	22.31	/	/	19.81	/	/	<=30	Pass
		Inner_1RB_Left	22.55	/	/	20.05	/	/	<=30	Pass
		Inner_1RB_Right	22.48	/	/	19.98	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.41	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	19.96	/	/	<=30	Pass
		Outer_Full	22.47	/	/	19.97	/	/	<=30	Pass
		Inner_Full	22.50	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Left	22.41	/	/	19.91	/	/	<=30	Pass
		Inner_1RB_Right	22.38	/	/	19.88	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.30	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	19.78	/	/	<=30	Pass
		Outer_Full	22.50	/	/	20.00	/	/	<=30	Pass
		Inner_Full	22.56	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	22.39	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Right	22.30	/	/	19.80	/	/	<=30	Pass
CP-OFDM QPSK	3480	Edge_1RB_Left	23.67	/	/	21.17	/	/	<=30	Pass
		Edge_1RB_Right	23.67	/	/	21.17	/	/	<=30	Pass

		Outer_Full	23.98	/	/	21.48	/	/	<=30	Pass
		Inner_Full	25.30	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Left	25.72	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Right	25.81	/	/	23.31	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.52	/	/	21.02	/	/	<=30	Pass
		Edge_1RB_Right	23.66	/	/	21.16	/	/	<=30	Pass
		Outer_Full	24.12	/	/	21.62	/	/	<=30	Pass
		Inner_Full	25.48	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Left	25.40	/	/	22.90	/	/	<=30	Pass
		Inner_1RB_Right	25.69	/	/	23.19	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	23.40	/	/	20.90	/	/	<=30	Pass
		Edge_1RB_Right	23.43	/	/	20.93	/	/	<=30	Pass
		Outer_Full	24.24	/	/	21.74	/	/	<=30	Pass
		Inner_Full	25.42	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Left	25.44	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Right	25.43	/	/	22.93	/	/	<=30	Pass
CP-OFDM 16 QAM	3480	Edge_1RB_Left	23.52	/	/	21.02	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	20.99	/	/	<=30	Pass
		Outer_Full	24.01	/	/	21.51	/	/	<=30	Pass
		Inner_Full	24.87	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Left	25.14	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Right	25.09	/	/	22.59	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.25	/	/	20.75	/	/	<=30	Pass
		Edge_1RB_Right	23.42	/	/	20.92	/	/	<=30	Pass
		Outer_Full	23.93	/	/	21.43	/	/	<=30	Pass
		Inner_Full	24.98	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	24.89	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Right	25.08	/	/	22.58	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	23.35	/	/	20.85	/	/	<=30	Pass
		Edge_1RB_Right	23.33	/	/	20.83	/	/	<=30	Pass
		Outer_Full	23.99	/	/	21.49	/	/	<=30	Pass
		Inner_Full	25.05	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	24.85	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Right	24.92	/	/	22.42	/	/	<=30	Pass
CP-OFDM 64 QAM	3480	Edge_1RB_Left	23.54	/	/	21.04	/	/	<=30	Pass
		Edge_1RB_Right	23.55	/	/	21.05	/	/	<=30	Pass
		Outer_Full	23.53	/	/	21.03	/	/	<=30	Pass
		Inner_Full	23.32	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	21.07	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.34	/	/	20.84	/	/	<=30	Pass
		Edge_1RB_Right	23.44	/	/	20.94	/	/	<=30	Pass
		Outer_Full	23.52	/	/	21.02	/	/	<=30	Pass
		Inner_Full	23.50	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	20.95	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	23.27	/	/	20.77	/	/	<=30	Pass
		Edge_1RB_Right	23.34	/	/	20.84	/	/	<=30	Pass
		Outer_Full	23.59	/	/	21.09	/	/	<=30	Pass
		Inner_Full	23.57	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	23.29	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	20.82	/	/	<=30	Pass
CP-OFDM 256 QAM	3480	Edge_1RB_Left	20.64	/	/	18.14	/	/	<=30	Pass
		Edge_1RB_Right	20.64	/	/	18.14	/	/	<=30	Pass
		Outer_Full	20.53	/	/	18.03	/	/	<=30	Pass
		Inner_Full	20.29	/	/	17.79	/	/	<=30	Pass
		Inner_1RB_Left	20.70	/	/	18.20	/	/	<=30	Pass
		Inner_1RB_Right	20.68	/	/	18.18	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.39	/	/	17.89	/	/	<=30	Pass

		Edge 1RB Right	20.56	/	/	18.06	/	/	<=30	Pass
		Outer_Full	20.41	/	/	17.91	/	/	<=30	Pass
		Inner_Full	20.47	/	/	17.97	/	/	<=30	Pass
		Inner_1RB_Left	20.43	/	/	17.93	/	/	<=30	Pass
		Inner_1RB_Right	20.60	/	/	18.10	/	/	<=30	Pass
	3519.99	Edge 1RB_Left	20.40	/	/	17.90	/	/	<=30	Pass
		Edge 1RB_Right	20.39	/	/	17.89	/	/	<=30	Pass
		Outer_Full	20.55	/	/	18.05	/	/	<=30	Pass
		Inner_Full	20.62	/	/	18.12	/	/	<=30	Pass
		Inner_1RB_Left	20.45	/	/	17.95	/	/	<=30	Pass
		Inner_1RB_Right	20.40	/	/	17.90	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_70MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3485.01	Edge 1RB Left	23.72	/	/	21.22	/	/	<=30	Pass
		Edge 1RB Right	23.50	/	/	21.00	/	/	<=30	Pass
		Outer Full	26.60	/	/	24.10	/	/	<=30	Pass
		Inner Full	27.01	/	/	24.51	/	/	<=30	Pass
		Inner 1RB Left	27.19	/	/	24.69	/	/	<=30	Pass
		Inner 1RB Right	27.13	/	/	24.63	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.52	/	/	21.02	/	/	<=30	Pass
		Edge 1RB Right	23.44	/	/	20.94	/	/	<=30	Pass
		Outer Full	26.56	/	/	24.06	/	/	<=30	Pass
		Inner Full	27.13	/	/	24.63	/	/	<=30	Pass
		Inner 1RB Left	27.05	/	/	24.55	/	/	<=30	Pass
		Inner 1RB Right	27.14	/	/	24.64	/	/	<=30	Pass
	3514.98	Edge 1RB Left	23.27	/	/	20.77	/	/	<=30	Pass
		Edge 1RB Right	23.44	/	/	20.94	/	/	<=30	Pass
		Outer Full	26.64	/	/	24.14	/	/	<=30	Pass
		Inner Full	27.33	/	/	24.83	/	/	<=30	Pass
		Inner 1RB Left	26.88	/	/	24.38	/	/	<=30	Pass
		Inner 1RB Right	27.03	/	/	24.53	/	/	<=30	Pass
DFT-s-OFDM QPSK	3485.01	Edge 1RB Left	23.60	/	/	21.10	/	/	<=30	Pass
		Edge 1RB Right	23.50	/	/	21.00	/	/	<=30	Pass
		Outer Full	26.03	/	/	23.53	/	/	<=30	Pass
		Inner Full	26.92	/	/	24.42	/	/	<=30	Pass
		Inner 1RB Left	27.19	/	/	24.69	/	/	<=30	Pass
		Inner 1RB Right	27.11	/	/	24.61	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.46	/	/	20.96	/	/	<=30	Pass
		Edge 1RB Right	23.51	/	/	21.01	/	/	<=30	Pass
		Outer Full	26.11	/	/	23.61	/	/	<=30	Pass
		Inner Full	27.09	/	/	24.59	/	/	<=30	Pass
		Inner 1RB Left	27.03	/	/	24.53	/	/	<=30	Pass
		Inner 1RB Right	27.04	/	/	24.54	/	/	<=30	Pass
	3514.98	Edge 1RB Left	23.24	/	/	20.74	/	/	<=30	Pass
		Edge 1RB Right	23.45	/	/	20.95	/	/	<=30	Pass
		Outer Full	26.19	/	/	23.69	/	/	<=30	Pass
		Inner Full	27.28	/	/	24.78	/	/	<=30	Pass
		Inner 1RB Left	26.80	/	/	24.30	/	/	<=30	Pass
		Inner 1RB Right	27.00	/	/	24.50	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Edge 1RB Left	23.62	/	/	21.12	/	/	<=30	Pass
		Edge 1RB Right	23.40	/	/	20.90	/	/	<=30	Pass
		Outer Full	25.05	/	/	22.55	/	/	<=30	Pass

		Inner_Full	25.87	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Right	25.93	/	/	23.43	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.42	/	/	20.92	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	20.79	/	/	<=30	Pass
		Outer_Full	25.04	/	/	22.54	/	/	<=30	Pass
		Inner_Full	25.90	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	25.86	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Right	25.87	/	/	23.37	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	23.16	/	/	20.66	/	/	<=30	Pass
		Edge_1RB_Right	23.35	/	/	20.85	/	/	<=30	Pass
		Outer_Full	25.07	/	/	22.57	/	/	<=30	Pass
		Inner_Full	26.10	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Left	25.67	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Right	25.84	/	/	23.34	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Edge_1RB_Left	23.64	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	21.07	/	/	<=30	Pass
		Outer_Full	24.53	/	/	22.03	/	/	<=30	Pass
		Inner_Full	24.27	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Right	24.58	/	/	22.08	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.42	/	/	20.92	/	/	<=30	Pass
		Edge_1RB_Right	23.41	/	/	20.91	/	/	<=30	Pass
		Outer_Full	24.50	/	/	22.00	/	/	<=30	Pass
		Inner_Full	24.51	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Left	24.58	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Right	24.62	/	/	22.12	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	23.22	/	/	20.72	/	/	<=30	Pass
		Edge_1RB_Right	23.41	/	/	20.91	/	/	<=30	Pass
		Outer_Full	24.76	/	/	22.26	/	/	<=30	Pass
		Inner_Full	24.70	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Left	24.37	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	22.05	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Edge_1RB_Left	22.64	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	20.10	/	/	<=30	Pass
		Outer_Full	22.44	/	/	19.94	/	/	<=30	Pass
		Inner_Full	22.26	/	/	19.76	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Right	22.61	/	/	20.11	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.50	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	19.99	/	/	<=30	Pass
		Outer_Full	22.53	/	/	20.03	/	/	<=30	Pass
		Inner_Full	22.49	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Left	22.48	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Right	22.58	/	/	20.08	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	19.98	/	/	<=30	Pass
		Outer_Full	22.61	/	/	20.11	/	/	<=30	Pass
		Inner_Full	22.64	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Left	22.32	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Right	22.51	/	/	20.01	/	/	<=30	Pass
CP-OFDM QPSK	3485.01	Edge_1RB_Left	23.85	/	/	21.35	/	/	<=30	Pass
		Edge_1RB_Right	23.75	/	/	21.25	/	/	<=30	Pass
		Outer_Full	24.01	/	/	21.51	/	/	<=30	Pass
		Inner_Full	25.38	/	/	22.88	/	/	<=30	Pass
		Inner_1RB_Left	25.89	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Right	25.72	/	/	23.22	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.68	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	23.61	/	/	21.11	/	/	<=30	Pass

		Outer_Full	24.05	/	/	21.55	/	/	<=30	Pass
		Inner_Full	25.56	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Left	25.69	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Right	25.75	/	/	23.25	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	23.48	/	/	20.98	/	/	<=30	Pass
		Edge_1RB_Right	23.62	/	/	21.12	/	/	<=30	Pass
		Outer_Full	24.17	/	/	21.67	/	/	<=30	Pass
		Inner_Full	25.69	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	25.46	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Right	25.63	/	/	23.13	/	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Edge_1RB_Left	23.65	/	/	21.15	/	/	<=30	Pass
		Edge_1RB_Right	23.58	/	/	21.08	/	/	<=30	Pass
		Outer_Full	24.03	/	/	21.53	/	/	<=30	Pass
		Inner_Full	25.00	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Left	25.12	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Right	24.96	/	/	22.46	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.48	/	/	20.98	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	20.99	/	/	<=30	Pass
		Outer_Full	23.98	/	/	21.48	/	/	<=30	Pass
		Inner_Full	25.02	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	24.95	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Right	24.84	/	/	22.34	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	23.24	/	/	20.74	/	/	<=30	Pass
		Edge_1RB_Right	23.50	/	/	21.00	/	/	<=30	Pass
		Outer_Full	24.11	/	/	21.61	/	/	<=30	Pass
		Inner_Full	25.23	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Left	24.60	/	/	22.10	/	/	<=30	Pass
		Inner_1RB_Right	24.90	/	/	22.40	/	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge_1RB_Left	23.63	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	23.62	/	/	21.12	/	/	<=30	Pass
		Outer_Full	23.61	/	/	21.11	/	/	<=30	Pass
		Inner_Full	23.54	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	21.10	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.51	/	/	21.01	/	/	<=30	Pass
		Edge_1RB_Right	23.54	/	/	21.04	/	/	<=30	Pass
		Outer_Full	23.61	/	/	21.11	/	/	<=30	Pass
		Inner_Full	23.63	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	21.03	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	23.22	/	/	20.72	/	/	<=30	Pass
		Edge_1RB_Right	23.48	/	/	20.98	/	/	<=30	Pass
		Outer_Full	23.70	/	/	21.20	/	/	<=30	Pass
		Inner_Full	23.80	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Left	23.15	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	20.99	/	/	<=30	Pass
CP-OFDM 256 QAM	3485.01	Edge_1RB_Left	20.70	/	/	18.20	/	/	<=30	Pass
		Edge_1RB_Right	20.59	/	/	18.09	/	/	<=30	Pass
		Outer_Full	20.58	/	/	18.08	/	/	<=30	Pass
		Inner_Full	20.48	/	/	17.98	/	/	<=30	Pass
		Inner_1RB_Left	20.75	/	/	18.25	/	/	<=30	Pass
		Inner_1RB_Right	20.64	/	/	18.14	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.53	/	/	18.03	/	/	<=30	Pass
		Edge_1RB_Right	20.59	/	/	18.09	/	/	<=30	Pass
		Outer_Full	20.61	/	/	18.11	/	/	<=30	Pass
		Inner_Full	20.56	/	/	18.06	/	/	<=30	Pass
		Inner_1RB_Left	20.56	/	/	18.06	/	/	<=30	Pass
		Inner_1RB_Right	20.62	/	/	18.12	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.36	/	/	17.86	/	/	<=30	Pass

		Edge 1RB Right	20.53	/	/	18.03	/	/	<=30	Pass
		Outer Full	20.75	/	/	18.25	/	/	<=30	Pass
		Inner Full	20.73	/	/	18.23	/	/	<=30	Pass
		Inner 1RB Left	20.30	/	/	17.80	/	/	<=30	Pass
		Inner 1RB Right	20.59	/	/	18.09	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30k_SISO_80MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3490.02	Edge 1RB Left	23.71	/	/	21.21	/	/	<=30	Pass
		Edge 1RB Right	23.51	/	/	21.01	/	/	<=30	Pass
		Outer Full	26.62	/	/	24.12	/	/	<=30	Pass
		Inner Full	27.17	/	/	24.67	/	/	<=30	Pass
		Inner 1RB Left	27.32	/	/	24.82	/	/	<=30	Pass
		Inner 1RB Right	27.11	/	/	24.61	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.61	/	/	21.11	/	/	<=30	Pass
		Edge 1RB Right	23.39	/	/	20.89	/	/	<=30	Pass
		Outer Full	26.60	/	/	24.10	/	/	<=30	Pass
		Inner Full	27.14	/	/	24.64	/	/	<=30	Pass
		Inner 1RB Left	27.22	/	/	24.72	/	/	<=30	Pass
		Inner 1RB Right	27.00	/	/	24.50	/	/	<=30	Pass
	3510	Edge 1RB Left	23.41	/	/	20.91	/	/	<=30	Pass
		Edge 1RB Right	23.42	/	/	20.92	/	/	<=30	Pass
		Outer Full	26.56	/	/	24.06	/	/	<=30	Pass
		Inner Full	27.29	/	/	24.79	/	/	<=30	Pass
		Inner 1RB Left	27.08	/	/	24.58	/	/	<=30	Pass
		Inner 1RB Right	26.98	/	/	24.48	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Edge 1RB Left	23.58	/	/	21.08	/	/	<=30	Pass
		Edge 1RB Right	23.50	/	/	21.00	/	/	<=30	Pass
		Outer Full	26.15	/	/	23.65	/	/	<=30	Pass
		Inner Full	27.07	/	/	24.57	/	/	<=30	Pass
		Inner 1RB Left	27.18	/	/	24.68	/	/	<=30	Pass
		Inner 1RB Right	27.09	/	/	24.59	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.61	/	/	21.11	/	/	<=30	Pass
		Edge 1RB Right	23.40	/	/	20.90	/	/	<=30	Pass
		Outer Full	26.06	/	/	23.56	/	/	<=30	Pass
		Inner Full	27.09	/	/	24.59	/	/	<=30	Pass
		Inner 1RB Left	27.14	/	/	24.64	/	/	<=30	Pass
		Inner 1RB Right	26.97	/	/	24.47	/	/	<=30	Pass
	3510	Edge 1RB Left	23.35	/	/	20.85	/	/	<=30	Pass
		Edge 1RB Right	23.37	/	/	20.87	/	/	<=30	Pass
		Outer Full	26.01	/	/	23.51	/	/	<=30	Pass
		Inner Full	27.22	/	/	24.72	/	/	<=30	Pass
		Inner 1RB Left	26.95	/	/	24.45	/	/	<=30	Pass
		Inner 1RB Right	26.96	/	/	24.46	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Edge 1RB Left	23.54	/	/	21.04	/	/	<=30	Pass
		Edge 1RB Right	23.44	/	/	20.94	/	/	<=30	Pass
		Outer Full	25.09	/	/	22.59	/	/	<=30	Pass
		Inner Full	25.94	/	/	23.44	/	/	<=30	Pass
		Inner 1RB Left	26.06	/	/	23.56	/	/	<=30	Pass
		Inner 1RB Right	25.85	/	/	23.35	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.51	/	/	21.01	/	/	<=30	Pass
		Edge 1RB Right	23.34	/	/	20.84	/	/	<=30	Pass
		Outer Full	25.07	/	/	22.57	/	/	<=30	Pass

		Inner_Full	25.95	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Left	26.05	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	25.79	/	/	23.29	/	/	<=30	Pass
	3510	Edge_1RB_Left	23.26	/	/	20.76	/	/	<=30	Pass
		Edge_1RB_Right	23.30	/	/	20.80	/	/	<=30	Pass
		Outer_Full	25.07	/	/	22.57	/	/	<=30	Pass
		Inner_Full	25.98	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Left	25.73	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Right	25.79	/	/	23.29	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Edge_1RB_Left	23.61	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Right	23.54	/	/	21.04	/	/	<=30	Pass
		Outer_Full	24.61	/	/	22.11	/	/	<=30	Pass
		Inner_Full	24.52	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	22.26	/	/	<=30	Pass
		Inner_1RB_Right	24.66	/	/	22.16	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.58	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	23.42	/	/	20.92	/	/	<=30	Pass
		Outer_Full	24.52	/	/	22.02	/	/	<=30	Pass
		Inner_Full	24.49	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Left	24.72	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Right	24.48	/	/	21.98	/	/	<=30	Pass
	3510	Edge_1RB_Left	23.43	/	/	20.93	/	/	<=30	Pass
		Edge_1RB_Right	23.44	/	/	20.94	/	/	<=30	Pass
		Outer_Full	24.47	/	/	21.97	/	/	<=30	Pass
		Inner_Full	24.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	24.34	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Right	24.41	/	/	21.91	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Edge_1RB_Left	22.70	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	20.17	/	/	<=30	Pass
		Outer_Full	22.62	/	/	20.12	/	/	<=30	Pass
		Inner_Full	22.45	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	20.16	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.56	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.95	/	/	<=30	Pass
		Outer_Full	22.51	/	/	20.01	/	/	<=30	Pass
		Inner_Full	22.49	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Left	22.65	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Right	22.45	/	/	19.95	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	19.89	/	/	<=30	Pass
		Outer_Full	22.59	/	/	20.09	/	/	<=30	Pass
		Inner_Full	22.61	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Left	22.39	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Right	22.41	/	/	19.91	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Edge_1RB_Left	23.80	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	23.73	/	/	21.23	/	/	<=30	Pass
		Outer_Full	24.08	/	/	21.58	/	/	<=30	Pass
		Inner_Full	25.52	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Left	25.80	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Right	25.65	/	/	23.15	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.76	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	23.64	/	/	21.14	/	/	<=30	Pass
		Outer_Full	24.04	/	/	21.54	/	/	<=30	Pass
		Inner_Full	25.54	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Left	25.73	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Right	25.68	/	/	23.18	/	/	<=30	Pass
	3510	Edge_1RB_Left	23.53	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	21.07	/	/	<=30	Pass

		Outer_Full	24.11	/	/	21.61	/	/	<=30	Pass
		Inner_Full	25.64	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Left	25.55	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	25.56	/	/	23.06	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Edge_1RB_Left	23.62	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	23.63	/	/	21.13	/	/	<=30	Pass
		Outer_Full	24.12	/	/	21.62	/	/	<=30	Pass
		Inner_Full	25.06	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	25.12	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Right	24.98	/	/	22.48	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.57	/	/	21.07	/	/	<=30	Pass
		Edge_1RB_Right	23.44	/	/	20.94	/	/	<=30	Pass
		Outer_Full	24.00	/	/	21.50	/	/	<=30	Pass
		Inner_Full	25.09	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Left	25.15	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Right	24.93	/	/	22.43	/	/	<=30	Pass
	3510	Edge_1RB_Left	23.40	/	/	20.90	/	/	<=30	Pass
		Edge_1RB_Right	23.39	/	/	20.89	/	/	<=30	Pass
		Outer_Full	24.02	/	/	21.52	/	/	<=30	Pass
		Inner_Full	25.18	/	/	22.68	/	/	<=30	Pass
Inner_1RB_Left		24.94	/	/	22.44	/	/	<=30	Pass	
Inner_1RB_Right		24.79	/	/	22.29	/	/	<=30	Pass	
CP-OFDM 64 QAM	3490.02	Edge_1RB_Left	23.61	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Right	23.53	/	/	21.03	/	/	<=30	Pass
		Outer_Full	23.62	/	/	21.12	/	/	<=30	Pass
		Inner_Full	23.55	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Right	23.56	/	/	21.06	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.53	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Right	23.45	/	/	20.95	/	/	<=30	Pass
		Outer_Full	23.61	/	/	21.11	/	/	<=30	Pass
		Inner_Full	23.58	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	20.99	/	/	<=30	Pass
	3510	Edge_1RB_Left	23.33	/	/	20.83	/	/	<=30	Pass
		Edge_1RB_Right	23.42	/	/	20.92	/	/	<=30	Pass
		Outer_Full	23.60	/	/	21.10	/	/	<=30	Pass
		Inner_Full	23.66	/	/	21.16	/	/	<=30	Pass
Inner_1RB_Left		23.47	/	/	20.97	/	/	<=30	Pass	
Inner_1RB_Right		23.43	/	/	20.93	/	/	<=30	Pass	
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	20.68	/	/	18.18	/	/	<=30	Pass
		Edge_1RB_Right	20.67	/	/	18.17	/	/	<=30	Pass
		Outer_Full	20.65	/	/	18.15	/	/	<=30	Pass
		Inner_Full	20.51	/	/	18.01	/	/	<=30	Pass
		Inner_1RB_Left	20.73	/	/	18.23	/	/	<=30	Pass
		Inner_1RB_Right	20.67	/	/	18.17	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.73	/	/	18.23	/	/	<=30	Pass
		Edge_1RB_Right	20.50	/	/	18.00	/	/	<=30	Pass
		Outer_Full	20.50	/	/	18.00	/	/	<=30	Pass
		Inner_Full	20.57	/	/	18.07	/	/	<=30	Pass
		Inner_1RB_Left	20.78	/	/	18.28	/	/	<=30	Pass
		Inner_1RB_Right	20.50	/	/	18.00	/	/	<=30	Pass
	3510	Edge_1RB_Left	20.62	/	/	18.12	/	/	<=30	Pass
		Edge_1RB_Right	20.57	/	/	18.07	/	/	<=30	Pass
		Outer_Full	20.61	/	/	18.11	/	/	<=30	Pass
		Inner_Full	20.70	/	/	18.20	/	/	<=30	Pass
Inner_1RB_Left		20.61	/	/	18.11	/	/	<=30	Pass	
Inner_1RB_Right		20.54	/	/	18.04	/	/	<=30	Pass	
Note1: Antenna Gain: Ant6: -2.50dBi:										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30k_SISO_90MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3495	Edge_1RB_Left	23.83	/	/	21.33	/	/	<=30	Pass
		Edge_1RB_Right	23.53	/	/	21.03	/	/	<=30	Pass
		Outer_Full	26.66	/	/	24.16	/	/	<=30	Pass
		Inner_Full	26.96	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Left	27.35	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Right	27.05	/	/	24.55	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.83	/	/	21.33	/	/	<=30	Pass
		Edge_1RB_Right	23.65	/	/	21.15	/	/	<=30	Pass
		Outer_Full	26.55	/	/	24.05	/	/	<=30	Pass
		Inner_Full	27.03	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Left	27.27	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Right	27.06	/	/	24.56	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	23.78	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	23.61	/	/	21.11	/	/	<=30	Pass
		Outer_Full	26.70	/	/	24.20	/	/	<=30	Pass
		Inner_Full	27.21	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Left	27.22	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Right	27.12	/	/	24.62	/	/	<=30	Pass
DFT-s-OFDM QPSK	3495	Edge_1RB_Left	23.82	/	/	21.32	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	21.07	/	/	<=30	Pass
		Outer_Full	26.10	/	/	23.60	/	/	<=30	Pass
		Inner_Full	26.98	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Left	27.23	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	26.96	/	/	24.46	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.78	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	20.99	/	/	<=30	Pass
		Outer_Full	26.04	/	/	23.54	/	/	<=30	Pass
		Inner_Full	26.97	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Left	27.19	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Right	26.98	/	/	24.48	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	23.78	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	23.54	/	/	21.04	/	/	<=30	Pass
		Outer_Full	26.15	/	/	23.65	/	/	<=30	Pass
		Inner_Full	27.19	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Left	27.19	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Right	27.06	/	/	24.56	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Edge_1RB_Left	23.65	/	/	21.15	/	/	<=30	Pass
		Edge_1RB_Right	23.33	/	/	20.83	/	/	<=30	Pass
		Outer_Full	25.05	/	/	22.55	/	/	<=30	Pass
		Inner_Full	25.95	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Left	26.14	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Right	25.92	/	/	23.42	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.63	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	23.34	/	/	20.84	/	/	<=30	Pass
		Outer_Full	25.13	/	/	22.63	/	/	<=30	Pass
		Inner_Full	25.98	/	/	23.48	/	/	<=30	Pass
	3504.99	Inner_1RB_Left	26.06	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Right	25.82	/	/	23.32	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	23.63	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	23.35	/	/	20.85	/	/	<=30	Pass

		Outer_Full	25.06	/	/	22.56	/	/	<=30	Pass
		Inner_Full	26.12	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Left	25.99	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Right	25.85	/	/	23.35	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge_1RB_Left	23.73	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	23.50	/	/	21.00	/	/	<=30	Pass
		Outer_Full	24.63	/	/	22.13	/	/	<=30	Pass
		Inner_Full	24.47	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Left	24.80	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Right	24.45	/	/	21.95	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.72	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	23.42	/	/	20.92	/	/	<=30	Pass
		Outer_Full	24.55	/	/	22.05	/	/	<=30	Pass
		Inner_Full	24.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	22.24	/	/	<=30	Pass
		Inner_1RB_Right	24.48	/	/	21.98	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	23.69	/	/	21.19	/	/	<=30	Pass
		Edge_1RB_Right	23.45	/	/	20.95	/	/	<=30	Pass
		Outer_Full	24.58	/	/	22.08	/	/	<=30	Pass
		Inner_Full	24.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	24.66	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Right	24.54	/	/	22.04	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Edge_1RB_Left	22.81	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	20.05	/	/	<=30	Pass
		Outer_Full	22.53	/	/	20.03	/	/	<=30	Pass
		Inner_Full	22.44	/	/	19.94	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Right	22.55	/	/	20.05	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.73	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	20.04	/	/	<=30	Pass
		Outer_Full	22.47	/	/	19.97	/	/	<=30	Pass
		Inner_Full	22.56	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Right	22.57	/	/	20.07	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.70	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	20.03	/	/	<=30	Pass
		Outer_Full	22.62	/	/	20.12	/	/	<=30	Pass
		Inner_Full	22.56	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Right	22.55	/	/	20.05	/	/	<=30	Pass
CP-OFDM QPSK	3495	Edge_1RB_Left	23.84	/	/	21.34	/	/	<=30	Pass
		Edge_1RB_Right	23.72	/	/	21.22	/	/	<=30	Pass
		Outer_Full	24.00	/	/	21.50	/	/	<=30	Pass
		Inner_Full	25.48	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	25.58	/	/	23.08	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.82	/	/	21.32	/	/	<=30	Pass
		Edge_1RB_Right	23.67	/	/	21.17	/	/	<=30	Pass
		Outer_Full	24.05	/	/	21.55	/	/	<=30	Pass
		Inner_Full	25.56	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	25.65	/	/	23.15	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	23.82	/	/	21.32	/	/	<=30	Pass
		Edge_1RB_Right	23.73	/	/	21.23	/	/	<=30	Pass
		Outer_Full	24.11	/	/	21.61	/	/	<=30	Pass
		Inner_Full	25.59	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	25.91	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	25.66	/	/	23.16	/	/	<=30	Pass
CP-OFDM 16 QAM	3495	Edge_1RB_Left	23.79	/	/	21.29	/	/	<=30	Pass

		Edge_1RB_Right	23.49	/	/	20.99	/	/	<=30	Pass
		Outer_Full	24.03	/	/	21.53	/	/	<=30	Pass
		Inner_Full	24.95	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	25.22	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Right	24.93	/	/	22.43	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.74	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	20.99	/	/	<=30	Pass
		Outer_Full	24.10	/	/	21.60	/	/	<=30	Pass
		Inner_Full	25.07	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Left	25.20	/	/	22.70	/	/	<=30	Pass
	3504.99	Inner_1RB_Right	24.96	/	/	22.46	/	/	<=30	Pass
		Edge_1RB_Left	23.61	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Right	23.59	/	/	21.09	/	/	<=30	Pass
		Outer_Full	24.05	/	/	21.55	/	/	<=30	Pass
		Inner_Full	25.14	/	/	22.64	/	/	<=30	Pass
CP-OFDM 64 QAM	3495	Inner_1RB_Left	25.23	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Right	24.98	/	/	22.48	/	/	<=30	Pass
		Edge_1RB_Left	23.76	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	23.58	/	/	21.08	/	/	<=30	Pass
		Outer_Full	23.57	/	/	21.07	/	/	<=30	Pass
	3500.01	Inner_Full	23.44	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Left	23.74	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	20.99	/	/	<=30	Pass
	3504.99	Outer_Full	23.59	/	/	21.09	/	/	<=30	Pass
		Inner_Full	23.43	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Left	23.75	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Right	23.61	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Left	23.70	/	/	21.20	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Edge_1RB_Right	23.59	/	/	21.09	/	/	<=30	Pass
		Outer_Full	23.67	/	/	21.17	/	/	<=30	Pass
		Inner_Full	23.54	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	21.10	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.72	/	/	18.22	/	/	<=30	Pass
		Edge_1RB_Right	20.57	/	/	18.07	/	/	<=30	Pass
		Outer_Full	20.56	/	/	18.06	/	/	<=30	Pass
		Inner_Full	20.46	/	/	17.96	/	/	<=30	Pass
		Inner_1RB_Left	20.83	/	/	18.33	/	/	<=30	Pass
	3504.99	Inner_1RB_Right	20.60	/	/	18.10	/	/	<=30	Pass
		Edge_1RB_Left	20.72	/	/	18.22	/	/	<=30	Pass
		Edge_1RB_Right	20.54	/	/	18.04	/	/	<=30	Pass
		Outer_Full	20.59	/	/	18.09	/	/	<=30	Pass
		Inner_Full	20.54	/	/	18.04	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	20.77	/	/	18.27	/	/	<=30	Pass
		Inner_1RB_Right	20.62	/	/	18.12	/	/	<=30	Pass
		Edge_1RB_Left	20.62	/	/	18.12	/	/	<=30	Pass
		Edge_1RB_Right	20.57	/	/	18.07	/	/	<=30	Pass
		Outer_Full	20.67	/	/	18.17	/	/	<=30	Pass
	3504.99	Inner_Full	20.58	/	/	18.08	/	/	<=30	Pass
		Inner_1RB_Left	20.66	/	/	18.16	/	/	<=30	Pass
		Inner_1RB_Right	20.64	/	/	18.14	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: -2.50dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.12 30k_SISO_100MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge_1RB_Left	23.77	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	23.52	/	/	21.02	/	/	<=30	Pass
		Outer_Full	26.71	/	/	24.21	/	/	<=30	Pass
		Inner_Full	27.02	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Left	27.28	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Right	27.05	/	/	24.55	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.79	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	23.48	/	/	20.98	/	/	<=30	Pass
		Outer_Full	26.68	/	/	24.18	/	/	<=30	Pass
		Inner_Full	27.01	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Left	27.29	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Right	26.97	/	/	24.47	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	23.77	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	23.47	/	/	20.97	/	/	<=30	Pass
		Outer_Full	26.70	/	/	24.20	/	/	<=30	Pass
		Inner_Full	27.04	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Left	27.30	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Right	27.15	/	/	24.65	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge_1RB_Left	23.68	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	23.43	/	/	20.93	/	/	<=30	Pass
		Outer_Full	26.14	/	/	23.64	/	/	<=30	Pass
		Inner_Full	27.00	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Left	27.30	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Right	27.02	/	/	24.52	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.72	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	20.99	/	/	<=30	Pass
		Outer_Full	26.16	/	/	23.66	/	/	<=30	Pass
		Inner_Full	26.94	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Left	27.35	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Right	27.04	/	/	24.54	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	23.71	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	23.53	/	/	21.03	/	/	<=30	Pass
		Outer_Full	26.12	/	/	23.62	/	/	<=30	Pass
		Inner_Full	27.01	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Left	27.32	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Right	27.02	/	/	24.52	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge_1RB_Left	23.64	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	23.33	/	/	20.83	/	/	<=30	Pass
		Outer_Full	25.09	/	/	22.59	/	/	<=30	Pass
		Inner_Full	25.98	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Left	26.06	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Right	25.78	/	/	23.28	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.58	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	23.32	/	/	20.82	/	/	<=30	Pass
		Outer_Full	25.11	/	/	22.61	/	/	<=30	Pass
		Inner_Full	25.92	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Left	26.10	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Right	25.88	/	/	23.38	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	23.64	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	23.43	/	/	20.93	/	/	<=30	Pass
		Outer_Full	25.06	/	/	22.56	/	/	<=30	Pass
		Inner_Full	25.92	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Right	25.96	/	/	23.46	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge_1RB_Left	23.70	/	/	21.20	/	/	<=30	Pass
		Edge_1RB_Right	23.48	/	/	20.98	/	/	<=30	Pass

		Outer_Full	24.57	/	/	22.07	/	/	<=30	Pass
		Inner_Full	24.46	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Left	24.65	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Right	24.39	/	/	21.89	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.71	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	23.47	/	/	20.97	/	/	<=30	Pass
		Outer_Full	24.58	/	/	22.08	/	/	<=30	Pass
		Inner_Full	24.49	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	22.24	/	/	<=30	Pass
		Inner_1RB_Right	24.40	/	/	21.90	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	23.78	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	23.51	/	/	21.01	/	/	<=30	Pass
		Outer_Full	24.54	/	/	22.04	/	/	<=30	Pass
		Inner_Full	24.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	24.72	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Right	24.46	/	/	21.96	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge_1RB_Left	22.73	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	19.89	/	/	<=30	Pass
		Outer_Full	22.51	/	/	20.01	/	/	<=30	Pass
		Inner_Full	22.49	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Left	22.73	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Right	22.51	/	/	20.01	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.74	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.94	/	/	<=30	Pass
		Outer_Full	22.61	/	/	20.11	/	/	<=30	Pass
		Inner_Full	22.58	/	/	20.08	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Right	22.42	/	/	19.92	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	22.70	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	19.97	/	/	<=30	Pass
		Outer_Full	22.53	/	/	20.03	/	/	<=30	Pass
		Inner_Full	22.54	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Left	22.70	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Right	22.46	/	/	19.96	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	23.86	/	/	21.36	/	/	<=30	Pass
		Edge_1RB_Right	23.65	/	/	21.15	/	/	<=30	Pass
		Outer_Full	24.05	/	/	21.55	/	/	<=30	Pass
		Inner_Full	25.40	/	/	22.90	/	/	<=30	Pass
		Inner_1RB_Left	25.85	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Right	25.68	/	/	23.18	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.88	/	/	21.38	/	/	<=30	Pass
		Edge_1RB_Right	23.67	/	/	21.17	/	/	<=30	Pass
		Outer_Full	24.10	/	/	21.60	/	/	<=30	Pass
		Inner_Full	25.41	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Left	25.86	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Right	25.69	/	/	23.19	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	23.86	/	/	21.36	/	/	<=30	Pass
		Edge_1RB_Right	23.66	/	/	21.16	/	/	<=30	Pass
		Outer_Full	24.09	/	/	21.59	/	/	<=30	Pass
		Inner_Full	25.36	/	/	22.86	/	/	<=30	Pass
		Inner_1RB_Left	25.91	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	25.66	/	/	23.16	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	23.66	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Right	23.51	/	/	21.01	/	/	<=30	Pass
		Outer_Full	24.11	/	/	21.61	/	/	<=30	Pass
		Inner_Full	25.10	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Left	25.19	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Right	24.87	/	/	22.37	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.76	/	/	21.26	/	/	<=30	Pass

		Edge 1RB Right	23.56	/	/	21.06	/	/	<=30	Pass
		Outer Full	24.08	/	/	21.58	/	/	<=30	Pass
		Inner Full	25.08	/	/	22.58	/	/	<=30	Pass
		Inner 1RB Left	25.21	/	/	22.71	/	/	<=30	Pass
		Inner 1RB Right	24.88	/	/	22.38	/	/	<=30	Pass
	3499.98	Edge 1RB Left	23.74	/	/	21.24	/	/	<=30	Pass
		Edge 1RB Right	23.47	/	/	20.97	/	/	<=30	Pass
		Outer Full	24.15	/	/	21.65	/	/	<=30	Pass
		Inner Full	25.05	/	/	22.55	/	/	<=30	Pass
		Inner 1RB Left	25.17	/	/	22.67	/	/	<=30	Pass
	Inner 1RB Right	24.92	/	/	22.42	/	/	<=30	Pass	
CP-OFDM 64 QAM	3500.01	Edge 1RB Left	23.70	/	/	21.20	/	/	<=30	Pass
		Edge 1RB Right	23.46	/	/	20.96	/	/	<=30	Pass
		Outer Full	23.65	/	/	21.15	/	/	<=30	Pass
		Inner Full	23.50	/	/	21.00	/	/	<=30	Pass
		Inner 1RB Left	23.74	/	/	21.24	/	/	<=30	Pass
		Inner 1RB Right	23.46	/	/	20.96	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.68	/	/	21.18	/	/	<=30	Pass
		Edge 1RB Right	23.50	/	/	21.00	/	/	<=30	Pass
		Outer Full	23.55	/	/	21.05	/	/	<=30	Pass
		Inner Full	23.49	/	/	20.99	/	/	<=30	Pass
		Inner 1RB Left	23.69	/	/	21.19	/	/	<=30	Pass
		Inner 1RB Right	23.43	/	/	20.93	/	/	<=30	Pass
	3499.98	Edge 1RB Left	23.67	/	/	21.17	/	/	<=30	Pass
		Edge 1RB Right	23.47	/	/	20.97	/	/	<=30	Pass
		Outer Full	23.69	/	/	21.19	/	/	<=30	Pass
		Inner Full	23.68	/	/	21.18	/	/	<=30	Pass
		Inner 1RB Left	23.58	/	/	21.08	/	/	<=30	Pass
		Inner 1RB Right	23.49	/	/	20.99	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge 1RB Left	20.76	/	/	18.26	/	/	<=30	Pass
		Edge 1RB Right	20.67	/	/	18.17	/	/	<=30	Pass
		Outer Full	20.63	/	/	18.13	/	/	<=30	Pass
		Inner Full	20.50	/	/	18.00	/	/	<=30	Pass
		Inner 1RB Left	20.83	/	/	18.33	/	/	<=30	Pass
		Inner 1RB Right	20.66	/	/	18.16	/	/	<=30	Pass
	3500.01	Edge 1RB Left	20.80	/	/	18.30	/	/	<=30	Pass
		Edge 1RB Right	20.66	/	/	18.16	/	/	<=30	Pass
		Outer Full	20.62	/	/	18.12	/	/	<=30	Pass
		Inner Full	20.58	/	/	18.08	/	/	<=30	Pass
		Inner 1RB Left	20.68	/	/	18.18	/	/	<=30	Pass
		Inner 1RB Right	20.71	/	/	18.21	/	/	<=30	Pass
	3499.98	Edge 1RB Left	20.78	/	/	18.28	/	/	<=30	Pass
		Edge 1RB Right	20.64	/	/	18.14	/	/	<=30	Pass
		Outer Full	20.61	/	/	18.11	/	/	<=30	Pass
Inner Full		20.61	/	/	18.11	/	/	<=30	Pass	
Inner 1RB Left		20.84	/	/	18.34	/	/	<=30	Pass	
	Inner 1RB Right	20.67	/	/	18.17	/	/	<=30	Pass	
Note1: Antenna Gain: Ant6: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_100MHz

5G NR n78e SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	10.20	0.0029	>=-2.5 & <=2.5	Pass
				HV	-1.30	-0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-18.40	-0.0053	>=-2.5 & <=2.5	Pass
			0	NV	17.60	0.0050	>=-2.5 & <=2.5	Pass
			10	NV	-16.80	-0.0048	>=-2.5 & <=2.5	Pass
			20	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-8.00	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-19.40	-0.0055	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	15.30	0.0044	>=-2.5 & <=2.5	Pass
				HV	8.00	0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	13.30	0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	8.10	0.0023	>=-2.5 & <=2.5	Pass
			0	NV	14.80	0.0042	>=-2.5 & <=2.5	Pass
			10	NV	-6.50	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	13.50	0.0039	>=-2.5 & <=2.5	Pass
			30	NV	18.40	0.0053	>=-2.5 & <=2.5	Pass
			40	NV	-13.20	-0.0038	>=-2.5 & <=2.5	Pass
			50	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-18.00	-0.0051	>=-2.5 & <=2.5	Pass
				HV	-18.10	-0.0052	>=-2.5 & <=2.5	Pass
			-30	NV	14.70	0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	15.10	0.0043	>=-2.5 & <=2.5	Pass
			-10	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-8.60	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	18.10	0.0052	>=-2.5 & <=2.5	Pass
			20	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			30	NV	12.10	0.0035	>=-2.5 & <=2.5	Pass
			40	NV	15.70	0.0045	>=-2.5 & <=2.5	Pass
			50	NV	11.20	0.0032	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	10.80	0.0031	>=-2.5 & <=2.5	Pass
				HV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	7.20	0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	16.80	0.0048	>=-2.5 & <=2.5	Pass
			0	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	13.40	0.0038	>=-2.5 & <=2.5	Pass
			30	NV	11.70	0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	9.10	0.0026	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	18.10	0.0052	>=-2.5 & <=2.5	Pass
				HV	14.90	0.0043	>=-2.5 & <=2.5	Pass
			-30	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass

			-20	NV	17.70	0.0051	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	14.00	0.0040	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	20.80	0.0059	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	-9.50	-0.0027	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	8.70	0.0025	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	-9.70	-0.0028	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	5.70	0.0016	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	6.50	0.0019	$>=-2.5 \ \& \ <=2.5$	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-21.20	-0.0061	$>=-2.5 \ \& \ <=2.5$	Pass
				HV	5.50	0.0016	$>=-2.5 \ \& \ <=2.5$	Pass
			-30	NV	-15.20	-0.0043	$>=-2.5 \ \& \ <=2.5$	Pass
			-20	NV	17.10	0.0049	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	-8.50	-0.0024	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	8.40	0.0024	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	-7.70	-0.0022	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	14.60	0.0042	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	9.60	0.0027	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	10.50	0.0030	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	22.20	0.0063	$>=-2.5 \ \& \ <=2.5$	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	11.90	0.0034	$>=-2.5 \ \& \ <=2.5$	Pass
				HV	-12.80	-0.0037	$>=-2.5 \ \& \ <=2.5$	Pass
			-30	NV	13.20	0.0038	$>=-2.5 \ \& \ <=2.5$	Pass
			-20	NV	6.90	0.0020	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	8.20	0.0023	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	-5.30	-0.0015	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	5.20	0.0015	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	-8.50	-0.0024	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	-1.90	-0.0005	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	-4.20	-0.0012	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	-10.70	-0.0031	$>=-2.5 \ \& \ <=2.5$	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-13.80	-0.0039	$>=-2.5 \ \& \ <=2.5$	Pass
				HV	7.30	0.0021	$>=-2.5 \ \& \ <=2.5$	Pass
			-30	NV	-11.40	-0.0033	$>=-2.5 \ \& \ <=2.5$	Pass
			-20	NV	-7.70	-0.0022	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	10.20	0.0029	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	-5.30	-0.0015	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	-4.50	-0.0013	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	8.00	0.0023	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	-12.90	-0.0037	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	-14.20	-0.0041	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	6.10	0.0017	$>=-2.5 \ \& \ <=2.5$	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-13.30	-0.0038	$>=-2.5 \ \& \ <=2.5$	Pass
				HV	-9.30	-0.0027	$>=-2.5 \ \& \ <=2.5$	Pass
			-30	NV	-13.10	-0.0037	$>=-2.5 \ \& \ <=2.5$	Pass
			-20	NV	-12.70	-0.0036	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	9.40	0.0027	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	12.00	0.0034	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	-10.60	-0.0030	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	10.00	0.0029	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	10.80	0.0031	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	-7.80	-0.0022	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	-9.40	-0.0027	$>=-2.5 \ \& \ <=2.5$	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_10MHz_NTNV

5G NR n78e SCS=30kHz SISO 10MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3455.01	Outer_Full	8.71	9.95	/	Pass
	3500.01	Outer_Full	8.72	10.08	/	Pass
	3544.98	Outer_Full	8.70	10.12	/	Pass
DFT-s-OFDM QPSK	3455.01	Outer_Full	8.72	10.24	/	Pass
	3500.01	Outer_Full	8.72	10.20	/	Pass
	3544.98	Outer_Full	8.71	10.37	/	Pass
DFT-s-OFDM 16 QAM	3455.01	Outer_Full	8.78	10.30	/	Pass
	3500.01	Outer_Full	8.81	10.38	/	Pass
	3544.98	Outer_Full	8.71	10.11	/	Pass
DFT-s-OFDM 64 QAM	3455.01	Outer_Full	8.72	10.20	/	Pass
	3500.01	Outer_Full	8.74	10.49	/	Pass
	3544.98	Outer_Full	8.74	10.22	/	Pass
DFT-s-OFDM 256 QAM	3455.01	Outer_Full	8.72	10.34	/	Pass
	3500.01	Outer_Full	8.70	10.24	/	Pass
	3544.98	Outer_Full	8.72	10.30	/	Pass
CP-OFDM QPSK	3455.01	Outer_Full	8.72	10.29	/	Pass
	3500.01	Outer_Full	8.69	10.24	/	Pass
	3544.98	Outer_Full	8.70	10.19	/	Pass
CP-OFDM 16 QAM	3455.01	Outer_Full	8.72	10.67	/	Pass
	3500.01	Outer_Full	8.73	10.11	/	Pass
	3544.98	Outer_Full	8.73	10.30	/	Pass
CP-OFDM 64 QAM	3455.01	Outer_Full	8.72	10.18	/	Pass
	3500.01	Outer_Full	8.72	10.05	/	Pass
	3544.98	Outer_Full	8.71	10.28	/	Pass
CP-OFDM 256 QAM	3455.01	Outer_Full	8.70	10.37	/	Pass
	3500.01	Outer_Full	8.69	9.94	/	Pass
	3544.98	Outer_Full	8.70	10.06	/	Pass

3.1.2 30k_SISO_15MHz_NTNV

5G NR n78e SCS=30kHz SISO 15MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3457.5	Outer_Full	13.07	14.87	/	Pass
	3500.01	Outer_Full	13.11	14.67	/	Pass
	3542.49	Outer_Full	13.11	14.93	/	Pass
DFT-s-OFDM QPSK	3457.5	Outer_Full	13.06	14.68	/	Pass
	3500.01	Outer_Full	13.06	14.89	/	Pass
	3542.49	Outer_Full	13.09	14.93	/	Pass
DFT-s-OFDM 16 QAM	3457.5	Outer_Full	13.12	14.89	/	Pass
	3500.01	Outer_Full	13.15	14.84	/	Pass
	3542.49	Outer_Full	13.14	14.80	/	Pass
DFT-s-OFDM 64 QAM	3457.5	Outer_Full	13.07	14.66	/	Pass
	3500.01	Outer_Full	13.07	14.83	/	Pass
	3542.49	Outer_Full	13.11	14.58	/	Pass

DFT-s-OFDM 256 QAM	3457.5	Outer_Full	13.09	14.68	/	Pass
	3500.01	Outer_Full	13.11	14.78	/	Pass
	3542.49	Outer_Full	13.09	14.70	/	Pass
CP-OFDM QPSK	3457.5	Outer_Full	13.73	15.45	/	Pass
	3500.01	Outer_Full	13.80	15.65	/	Pass
	3542.49	Outer_Full	13.76	15.41	/	Pass
CP-OFDM 16 QAM	3457.5	Outer_Full	13.76	15.33	/	Pass
	3500.01	Outer_Full	13.78	15.44	/	Pass
	3542.49	Outer_Full	13.79	15.71	/	Pass
CP-OFDM 64 QAM	3457.5	Outer_Full	13.82	15.27	/	Pass
	3500.01	Outer_Full	13.79	15.64	/	Pass
	3542.49	Outer_Full	13.80	15.38	/	Pass
CP-OFDM 256 QAM	3457.5	Outer_Full	13.77	15.00	/	Pass
	3500.01	Outer_Full	13.76	15.29	/	Pass
	3542.49	Outer_Full	13.77	15.17	/	Pass

3.1.3 30k_SISO_20MHz_NTNV

5G NR n78e 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	3460.02	Outer_Full	18.12	20.07	/	Pass
	3500.01	Outer_Full	18.13	19.83	/	Pass
	3540	Outer_Full	18.11	19.98	/	Pass
DFT-s-OFDM QPSK	3460.02	Outer_Full	18.14	20.38	/	Pass
	3500.01	Outer_Full	18.20	20.00	/	Pass
	3540	Outer_Full	18.13	19.93	/	Pass
DFT-s-OFDM 16 QAM	3460.02	Outer_Full	18.12	19.98	/	Pass
	3500.01	Outer_Full	18.21	19.94	/	Pass
	3540	Outer_Full	18.11	20.01	/	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer_Full	18.16	19.90	/	Pass
	3500.01	Outer_Full	18.13	20.13	/	Pass
	3540	Outer_Full	18.16	19.84	/	Pass
DFT-s-OFDM 256 QAM	3460.02	Outer_Full	18.05	19.87	/	Pass
	3500.01	Outer_Full	18.07	20.02	/	Pass
	3540	Outer_Full	18.07	20.11	/	Pass
CP-OFDM QPSK	3460.02	Outer_Full	18.45	20.56	/	Pass
	3500.01	Outer_Full	18.41	20.14	/	Pass
	3540	Outer_Full	18.39	20.22	/	Pass
CP-OFDM 16 QAM	3460.02	Outer_Full	18.44	20.26	/	Pass
	3500.01	Outer_Full	18.43	20.47	/	Pass
	3540	Outer_Full	18.45	20.26	/	Pass
CP-OFDM 64 QAM	3460.02	Outer_Full	18.36	20.39	/	Pass
	3500.01	Outer_Full	18.40	20.31	/	Pass
	3540	Outer_Full	18.43	20.38	/	Pass
CP-OFDM 256 QAM	3460.02	Outer_Full	18.39	20.40	/	Pass
	3500.01	Outer_Full	18.38	20.30	/	Pass
	3540	Outer_Full	18.39	20.28	/	Pass

3.1.4 30k_SISO_25MHz_NTNV

5G NR n78e 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	3462.51	Outer_Full	23.10	25.13	/	Pass
	3500.01	Outer_Full	23.12	25.05	/	Pass

	3537.48	Outer_Full	23.13	25.14	/	Pass
DFT-s-OFDM QPSK	3462.51	Outer_Full	23.14	25.37	/	Pass
	3500.01	Outer_Full	23.13	25.13	/	Pass
	3537.48	Outer_Full	23.13	25.03	/	Pass
DFT-s-OFDM 16 QAM	3462.51	Outer_Full	23.17	25.38	/	Pass
	3500.01	Outer_Full	23.12	25.38	/	Pass
	3537.48	Outer_Full	23.12	25.46	/	Pass
DFT-s-OFDM 64 QAM	3462.51	Outer_Full	23.13	25.38	/	Pass
	3500.01	Outer_Full	23.19	25.44	/	Pass
	3537.48	Outer_Full	23.12	25.30	/	Pass
DFT-s-OFDM 256 QAM	3462.51	Outer_Full	23.12	25.29	/	Pass
	3500.01	Outer_Full	23.12	25.02	/	Pass
	3537.48	Outer_Full	23.16	25.15	/	Pass
CP-OFDM QPSK	3462.51	Outer_Full	23.49	25.73	/	Pass
	3500.01	Outer_Full	23.45	25.45	/	Pass
	3537.48	Outer_Full	23.47	25.66	/	Pass
CP-OFDM 16 QAM	3462.51	Outer_Full	23.37	25.39	/	Pass
	3500.01	Outer_Full	23.48	25.75	/	Pass
	3537.48	Outer_Full	23.48	25.59	/	Pass
CP-OFDM 64 QAM	3462.51	Outer_Full	23.49	25.72	/	Pass
	3500.01	Outer_Full	23.45	25.49	/	Pass
	3537.48	Outer_Full	23.50	25.89	/	Pass
CP-OFDM 256 QAM	3462.51	Outer_Full	23.47	25.59	/	Pass
	3500.01	Outer_Full	23.43	25.38	/	Pass
	3537.48	Outer_Full	23.54	25.75	/	Pass

3.1.5 30k_SISO_30MHz_NTNV

5G NR n78e 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	3465	Outer_Full	27.14	29.55	/	Pass
	3500.01	Outer_Full	27.19	29.40	/	Pass
	3534.99	Outer_Full	27.18	29.44	/	Pass
DFT-s-OFDM QPSK	3465	Outer_Full	27.20	29.40	/	Pass
	3500.01	Outer_Full	27.12	29.54	/	Pass
	3534.99	Outer_Full	27.19	29.41	/	Pass
DFT-s-OFDM 16 QAM	3465	Outer_Full	27.24	29.72	/	Pass
	3500.01	Outer_Full	27.18	29.53	/	Pass
	3534.99	Outer_Full	27.20	29.68	/	Pass
DFT-s-OFDM 64 QAM	3465	Outer_Full	27.13	29.46	/	Pass
	3500.01	Outer_Full	27.19	29.48	/	Pass
	3534.99	Outer_Full	27.23	29.43	/	Pass
DFT-s-OFDM 256 QAM	3465	Outer_Full	27.26	29.64	/	Pass
	3500.01	Outer_Full	27.19	29.48	/	Pass
	3534.99	Outer_Full	27.21	29.67	/	Pass
CP-OFDM QPSK	3465	Outer_Full	28.13	30.55	/	Pass
	3500.01	Outer_Full	28.13	30.84	/	Pass
	3534.99	Outer_Full	28.20	30.75	/	Pass
CP-OFDM 16 QAM	3465	Outer_Full	28.11	30.47	/	Pass
	3500.01	Outer_Full	28.23	30.55	/	Pass
	3534.99	Outer_Full	28.19	30.27	/	Pass
CP-OFDM 64 QAM	3465	Outer_Full	28.18	30.60	/	Pass
	3500.01	Outer_Full	28.14	30.24	/	Pass
	3534.99	Outer_Full	28.16	30.44	/	Pass
CP-OFDM 256 QAM	3465	Outer_Full	28.16	30.53	/	Pass
	3500.01	Outer_Full	28.18	30.49	/	Pass
	3534.99	Outer_Full	28.19	30.66	/	Pass

3.1.6 30k_SISO_40MHz_NTNV

5G NR n78e 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	3470.01	Outer_Full	36.08	38.73	/	Pass
	3500.01	Outer_Full	36.13	38.69	/	Pass
	3529.98	Outer_Full	36.17	39.04	/	Pass
DFT-s-OFDM QPSK	3470.01	Outer_Full	36.04	38.80	/	Pass
	3500.01	Outer_Full	36.07	38.99	/	Pass
	3529.98	Outer_Full	36.15	38.95	/	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer_Full	35.95	39.02	/	Pass
	3500.01	Outer_Full	36.13	38.99	/	Pass
	3529.98	Outer_Full	36.15	38.75	/	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	36.02	38.93	/	Pass
	3500.01	Outer_Full	36.12	39.03	/	Pass
	3529.98	Outer_Full	36.14	38.74	/	Pass
DFT-s-OFDM 256 QAM	3470.01	Outer_Full	36.00	38.95	/	Pass
	3500.01	Outer_Full	36.10	39.20	/	Pass
	3529.98	Outer_Full	36.17	38.89	/	Pass
CP-OFDM QPSK	3470.01	Outer_Full	38.12	40.97	/	Pass
	3500.01	Outer_Full	38.14	40.96	/	Pass
	3529.98	Outer_Full	38.31	41.07	/	Pass
CP-OFDM 16 QAM	3470.01	Outer_Full	38.14	41.07	/	Pass
	3500.01	Outer_Full	38.22	40.94	/	Pass
	3529.98	Outer_Full	38.29	41.19	/	Pass
CP-OFDM 64 QAM	3470.01	Outer_Full	38.12	41.12	/	Pass
	3500.01	Outer_Full	38.37	41.21	/	Pass
	3529.98	Outer_Full	38.34	41.06	/	Pass
CP-OFDM 256 QAM	3470.01	Outer_Full	38.28	41.05	/	Pass
	3500.01	Outer_Full	38.42	41.10	/	Pass
	3529.98	Outer_Full	38.32	41.17	/	Pass

3.1.7 30k_SISO_50MHz_NTNV

5G NR n78e 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	3475.02	Outer_Full	46.08	49.16	/	Pass
	3500.01	Outer_Full	46.19	49.36	/	Pass
	3525	Outer_Full	46.20	49.53	/	Pass
DFT-s-OFDM QPSK	3475.02	Outer_Full	46.16	49.57	/	Pass
	3500.01	Outer_Full	46.14	49.31	/	Pass
	3525	Outer_Full	46.40	49.52	/	Pass
DFT-s-OFDM 16 QAM	3475.02	Outer_Full	46.16	49.32	/	Pass
	3500.01	Outer_Full	46.31	49.52	/	Pass
	3525	Outer_Full	46.29	49.55	/	Pass
DFT-s-OFDM 64 QAM	3475.02	Outer_Full	45.99	49.18	/	Pass
	3500.01	Outer_Full	46.16	49.28	/	Pass
	3525	Outer_Full	46.22	49.43	/	Pass
DFT-s-OFDM 256 QAM	3475.02	Outer_Full	45.89	49.33	/	Pass
	3500.01	Outer_Full	46.14	49.30	/	Pass
	3525	Outer_Full	46.11	49.49	/	Pass
CP-OFDM QPSK	3475.02	Outer_Full	47.85	51.05	/	Pass
	3500.01	Outer_Full	47.99	51.14	/	Pass

	3525	Outer_Full	48.02	51.23	/	Pass
CP-OFDM 16 QAM	3475.02	Outer_Full	47.86	51.43	/	Pass
	3500.01	Outer_Full	47.99	51.28	/	Pass
	3525	Outer_Full	48.03	51.27	/	Pass
CP-OFDM 64 QAM	3475.02	Outer_Full	47.87	51.38	/	Pass
	3500.01	Outer_Full	47.95	51.17	/	Pass
	3525	Outer_Full	47.94	51.34	/	Pass
CP-OFDM 256 QAM	3475.02	Outer_Full	47.91	51.20	/	Pass
	3500.01	Outer_Full	47.92	51.07	/	Pass
	3525	Outer_Full	48.04	51.16	/	Pass

3.1.8 30k_SISO_60MHz_NTNV

5G NR n78e 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	3480	Outer_Full	58.32	62.21	/	Pass
	3500.01	Outer_Full	58.43	62.29	/	Pass
	3519.99	Outer_Full	58.48	62.43	/	Pass
DFT-s-OFDM QPSK	3480	Outer_Full	58.33	62.47	/	Pass
	3500.01	Outer_Full	58.64	62.34	/	Pass
	3519.99	Outer_Full	58.68	62.46	/	Pass
DFT-s-OFDM 16 QAM	3480	Outer_Full	58.27	62.12	/	Pass
	3500.01	Outer_Full	58.32	62.18	/	Pass
	3519.99	Outer_Full	58.62	62.44	/	Pass
DFT-s-OFDM 64 QAM	3480	Outer_Full	58.19	62.38	/	Pass
	3500.01	Outer_Full	58.38	62.19	/	Pass
	3519.99	Outer_Full	58.47	62.37	/	Pass
DFT-s-OFDM 256 QAM	3480	Outer_Full	58.13	62.20	/	Pass
	3500.01	Outer_Full	58.29	62.23	/	Pass
	3519.99	Outer_Full	58.33	62.52	/	Pass
CP-OFDM QPSK	3480	Outer_Full	58.23	62.31	/	Pass
	3500.01	Outer_Full	58.38	62.13	/	Pass
	3519.99	Outer_Full	58.47	62.34	/	Pass
CP-OFDM 16 QAM	3480	Outer_Full	58.20	62.21	/	Pass
	3500.01	Outer_Full	58.29	62.50	/	Pass
	3519.99	Outer_Full	58.45	62.37	/	Pass
CP-OFDM 64 QAM	3480	Outer_Full	58.36	62.22	/	Pass
	3500.01	Outer_Full	58.45	62.42	/	Pass
	3519.99	Outer_Full	58.56	62.34	/	Pass
CP-OFDM 256 QAM	3480	Outer_Full	58.26	62.19	/	Pass
	3500.01	Outer_Full	58.37	62.36	/	Pass
	3519.99	Outer_Full	58.55	62.41	/	Pass

3.1.9 30k_SISO_70MHz_NTNV

5G NR n78e SCS=30kHz SISO 70MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3485.01	Outer_Full	65.05	69.49	/	Pass
	3500.01	Outer_Full	65.01	69.50	/	Pass
	3514.98	Outer_Full	65.14	69.29	/	Pass
DFT-s-OFDM QPSK	3485.01	Outer_Full	64.88	69.55	/	Pass
	3500.01	Outer_Full	64.87	69.52	/	Pass
	3514.98	Outer_Full	65.07	69.35	/	Pass
DFT-s-OFDM 16 QAM	3485.01	Outer_Full	64.83	69.42	/	Pass

	3500.01	Outer_Full	64.89	69.60	/	Pass
	3514.98	Outer_Full	65.16	69.45	/	Pass
	3485.01	Outer_Full	64.91	69.56	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	65.06	69.63	/	Pass
	3514.98	Outer_Full	65.23	69.46	/	Pass
	3485.01	Outer_Full	64.67	69.45	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	64.71	69.47	/	Pass
	3514.98	Outer_Full	65.08	69.57	/	Pass
	3485.01	Outer_Full	67.93	72.89	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	68.25	72.79	/	Pass
	3514.98	Outer_Full	68.37	72.77	/	Pass
	3485.01	Outer_Full	67.95	72.67	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	68.13	72.85	/	Pass
	3514.98	Outer_Full	68.06	72.38	/	Pass
	3485.01	Outer_Full	67.94	72.64	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	68.08	72.86	/	Pass
	3514.98	Outer_Full	68.13	72.54	/	Pass
	3485.01	Outer_Full	67.94	72.75	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	68.08	72.85	/	Pass
	3514.98	Outer_Full	68.14	72.41	/	Pass

3.1.10 30k_SISO_80MHz_NTNV

5G NR n78e SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3490.02	Outer_Full	77.82	82.89	/	Pass
	3500.01	Outer_Full	77.67	82.68	/	Pass
	3510	Outer_Full	77.93	83.33	/	Pass
DFT-s-OFDM QPSK	3490.02	Outer_Full	77.69	83.12	/	Pass
	3500.01	Outer_Full	77.76	82.69	/	Pass
	3510	Outer_Full	78.11	83.01	/	Pass
DFT-s-OFDM 16 QAM	3490.02	Outer_Full	77.74	83.20	/	Pass
	3500.01	Outer_Full	77.99	83.26	/	Pass
	3510	Outer_Full	78.19	82.99	/	Pass
DFT-s-OFDM 64 QAM	3490.02	Outer_Full	77.66	83.09	/	Pass
	3500.01	Outer_Full	77.68	82.65	/	Pass
	3510	Outer_Full	78.23	82.49	/	Pass
DFT-s-OFDM 256 QAM	3490.02	Outer_Full	77.64	83.15	/	Pass
	3500.01	Outer_Full	77.68	82.36	/	Pass
	3510	Outer_Full	77.83	82.71	/	Pass
CP-OFDM QPSK	3490.02	Outer_Full	77.94	83.18	/	Pass
	3500.01	Outer_Full	78.08	83.03	/	Pass
	3510	Outer_Full	78.16	82.87	/	Pass
CP-OFDM 16 QAM	3490.02	Outer_Full	78.03	83.45	/	Pass
	3500.01	Outer_Full	78.18	83.59	/	Pass
	3510	Outer_Full	78.47	83.28	/	Pass
CP-OFDM 64 QAM	3490.02	Outer_Full	78.05	83.53	/	Pass
	3500.01	Outer_Full	78.15	83.51	/	Pass
	3510	Outer_Full	78.13	83.31	/	Pass
CP-OFDM 256 QAM	3490.02	Outer_Full	77.87	83.37	/	Pass
	3500.01	Outer_Full	77.93	83.05	/	Pass
	3510	Outer_Full	78.39	83.32	/	Pass

3.1.11 30k_SISO_90MHz_NTNV

5G NR n78e SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3495	Outer_Full	87.39	92.93	/	Pass
	3500.01	Outer_Full	87.48	92.92	/	Pass
	3504.99	Outer_Full	87.56	92.99	/	Pass
DFT-s-OFDM QPSK	3495	Outer_Full	86.99	92.86	/	Pass
	3500.01	Outer_Full	87.42	92.79	/	Pass
	3504.99	Outer_Full	87.53	93.10	/	Pass
DFT-s-OFDM 16 QAM	3495	Outer_Full	87.10	92.80	/	Pass
	3500.01	Outer_Full	87.62	93.33	/	Pass
	3504.99	Outer_Full	87.56	93.28	/	Pass
DFT-s-OFDM 64 QAM	3495	Outer_Full	87.31	93.08	/	Pass
	3500.01	Outer_Full	87.52	92.81	/	Pass
	3504.99	Outer_Full	87.45	93.09	/	Pass
DFT-s-OFDM 256 QAM	3495	Outer_Full	87.17	93.06	/	Pass
	3500.01	Outer_Full	87.15	93.06	/	Pass
	3504.99	Outer_Full	87.11	92.75	/	Pass
CP-OFDM QPSK	3495	Outer_Full	87.89	93.82	/	Pass
	3500.01	Outer_Full	88.02	93.48	/	Pass
	3504.99	Outer_Full	88.62	94.07	/	Pass
CP-OFDM 16 QAM	3495	Outer_Full	88.28	93.60	/	Pass
	3500.01	Outer_Full	88.09	93.95	/	Pass
	3504.99	Outer_Full	88.39	93.71	/	Pass
CP-OFDM 64 QAM	3495	Outer_Full	88.00	93.99	/	Pass
	3500.01	Outer_Full	88.06	93.50	/	Pass
	3504.99	Outer_Full	88.31	93.56	/	Pass
CP-OFDM 256 QAM	3495	Outer_Full	88.42	93.62	/	Pass
	3500.01	Outer_Full	88.42	93.39	/	Pass
	3504.99	Outer_Full	88.24	93.72	/	Pass

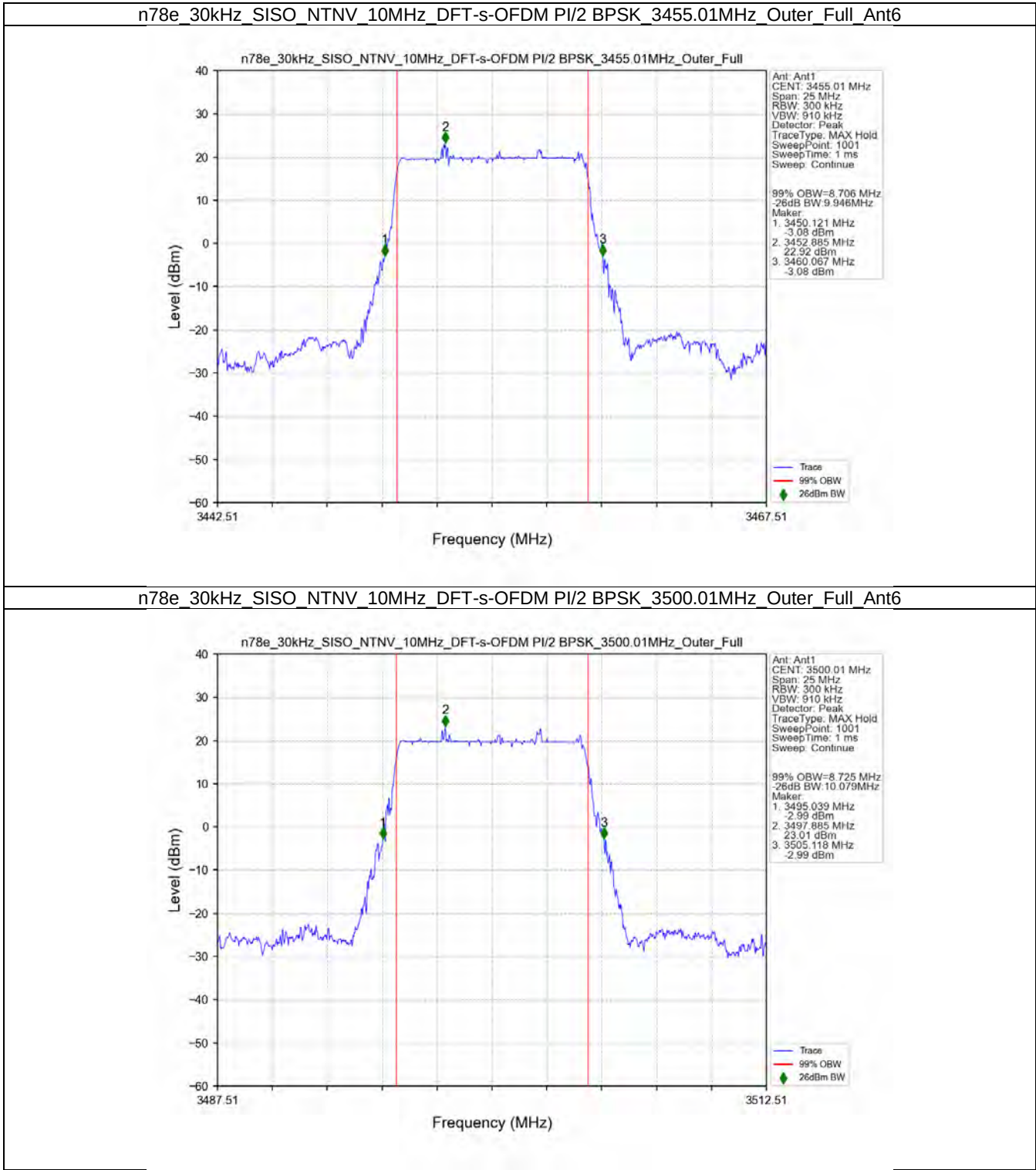
3.1.12 30k_SISO_100MHz_NTN

5G NR n78e SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	97.01	103.40	/	Pass
	3500.01	Outer_Full	97.25	103.40	/	Pass
	3499.98	Outer_Full	97.45	103.44	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	97.07	103.45	/	Pass
	3500.01	Outer_Full	97.13	103.17	/	Pass
	3499.98	Outer_Full	97.17	103.23	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	96.85	103.50	/	Pass
	3500.01	Outer_Full	97.12	103.21	/	Pass
	3499.98	Outer_Full	97.28	103.12	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	96.94	103.29	/	Pass
	3500.01	Outer_Full	96.95	102.90	/	Pass
	3499.98	Outer_Full	97.69	103.61	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	96.88	103.81	/	Pass
	3500.01	Outer_Full	97.31	103.28	/	Pass
	3499.98	Outer_Full	97.26	103.67	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	98.42	104.51	/	Pass
	3500.01	Outer_Full	97.96	104.52	/	Pass
	3499.98	Outer_Full	98.27	104.30	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	98.39	104.63	/	Pass
	3500.01	Outer_Full	98.28	104.70	/	Pass
	3499.98	Outer_Full	97.96	104.74	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	97.94	104.47	/	Pass

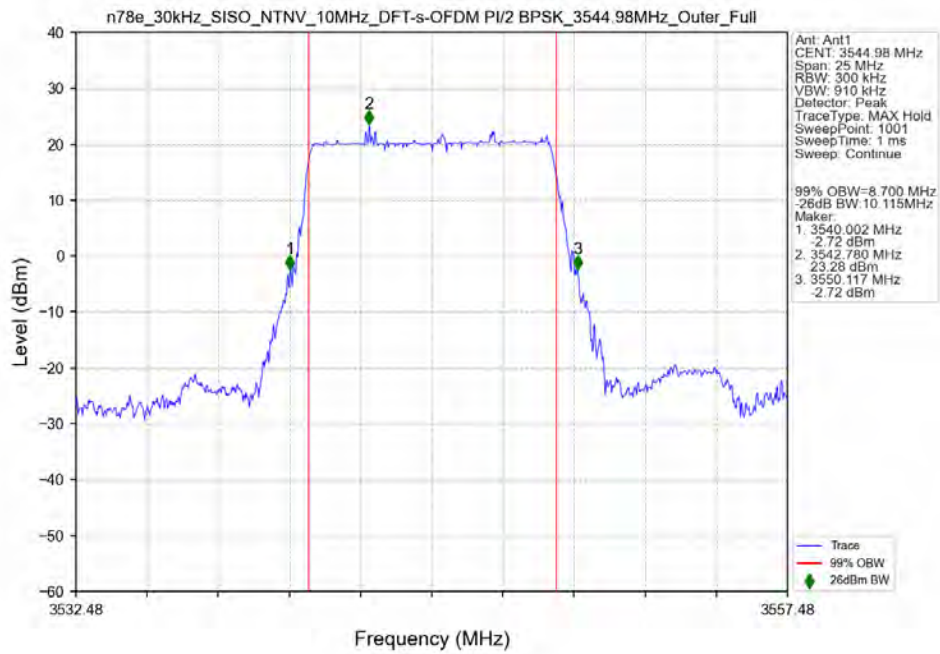
CP-OFDM 256 QAM	3500.01	Outer_Full	98.41	104.12	/	Pass
	3499.98	Outer_Full	98.42	104.45	/	Pass
	3500.01	Outer_Full	98.13	104.25	/	Pass
	3500.01	Outer_Full	98.16	104.49	/	Pass
	3499.98	Outer_Full	98.26	104.09	/	Pass

3.2 Test Graph

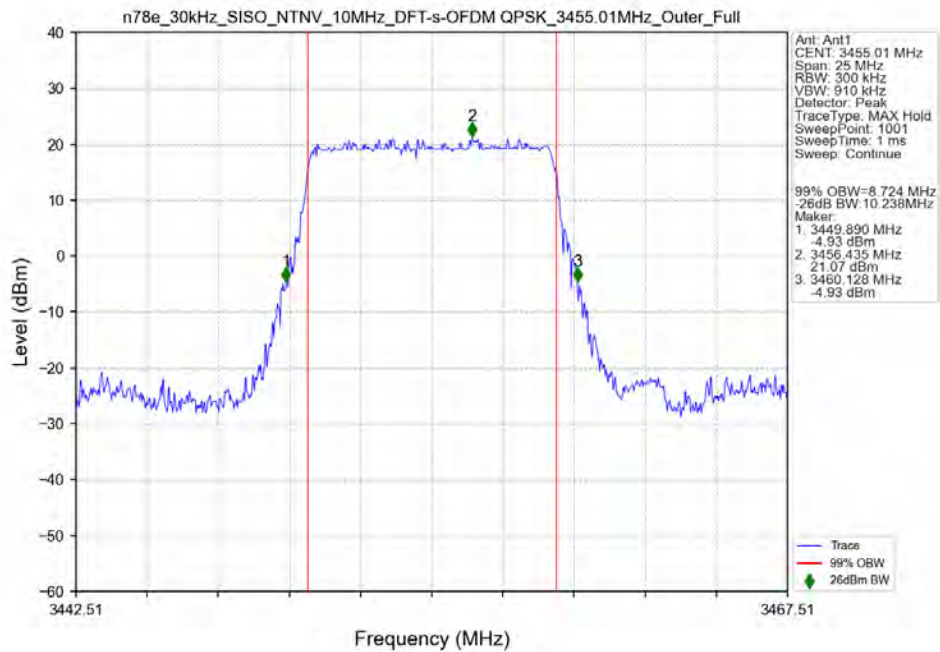
3.2.1 30k_SISO_10MHz_NTNV



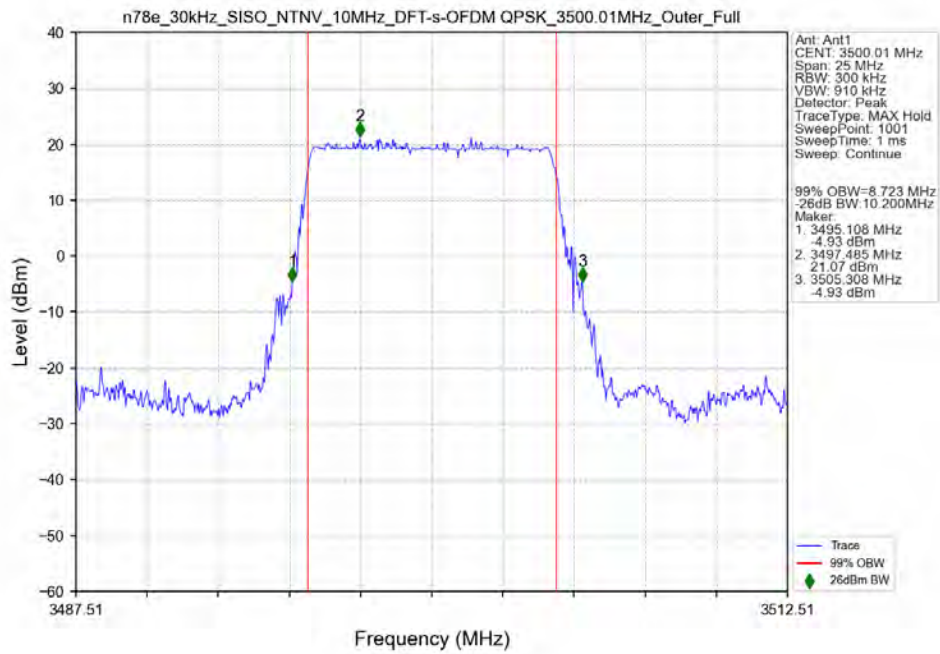
n78e 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3544.98MHz Outer Full Ant6



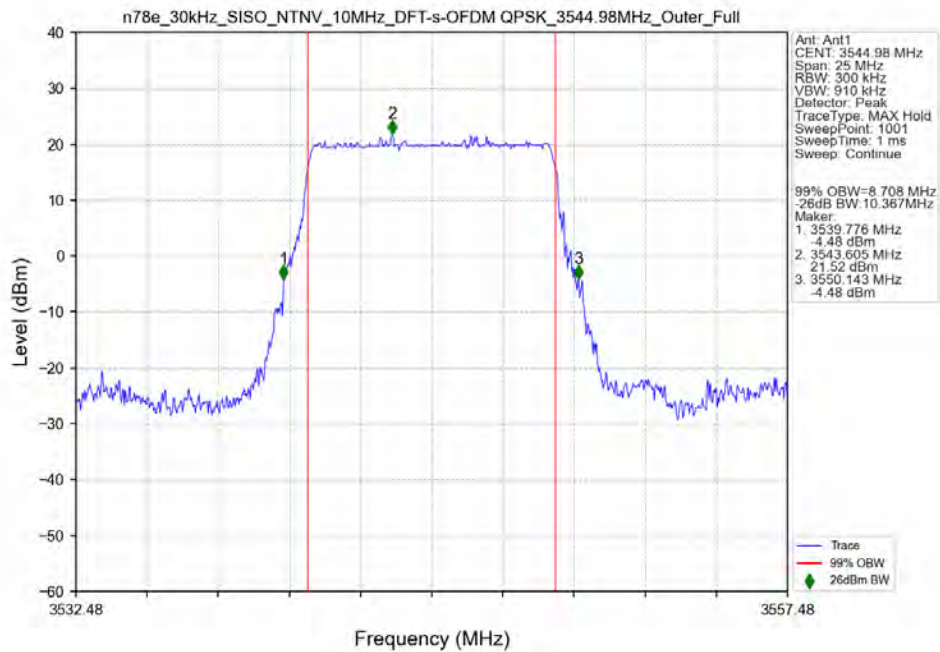
n78e 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3455.01MHz Outer Full Ant6



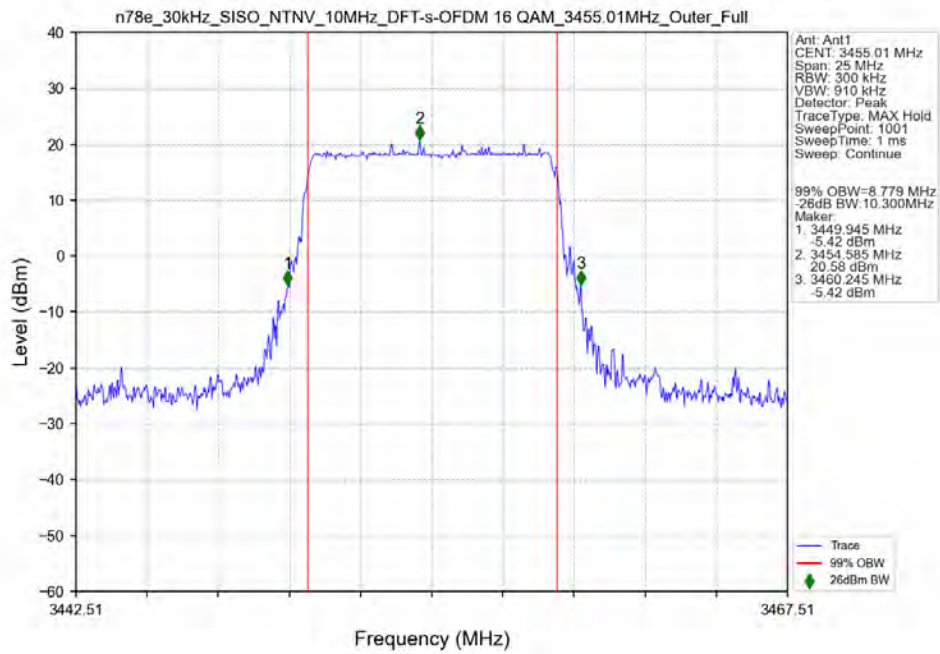
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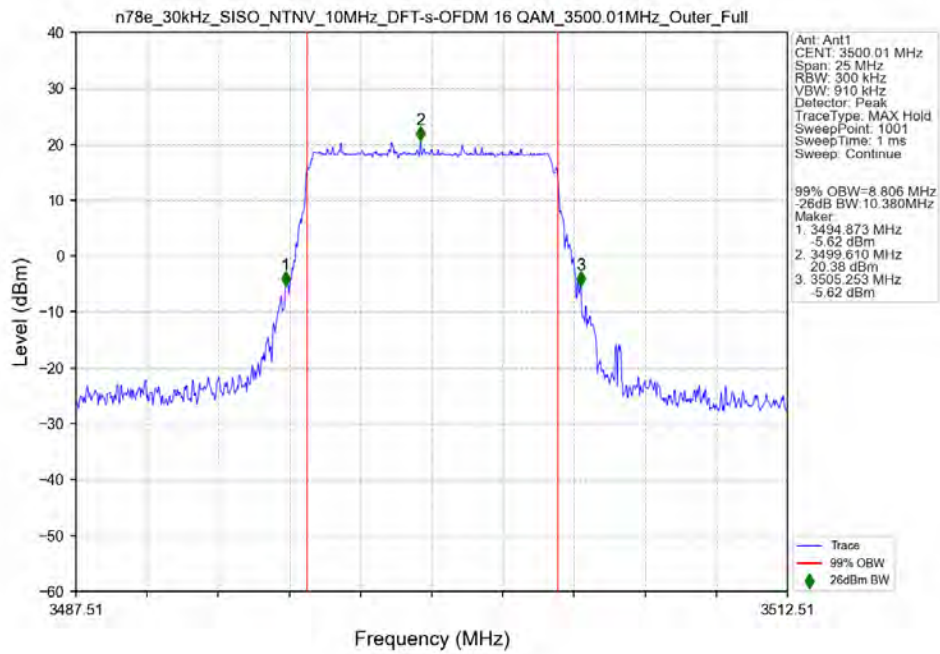
n78e 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3544.98MHz Outer Full Ant6



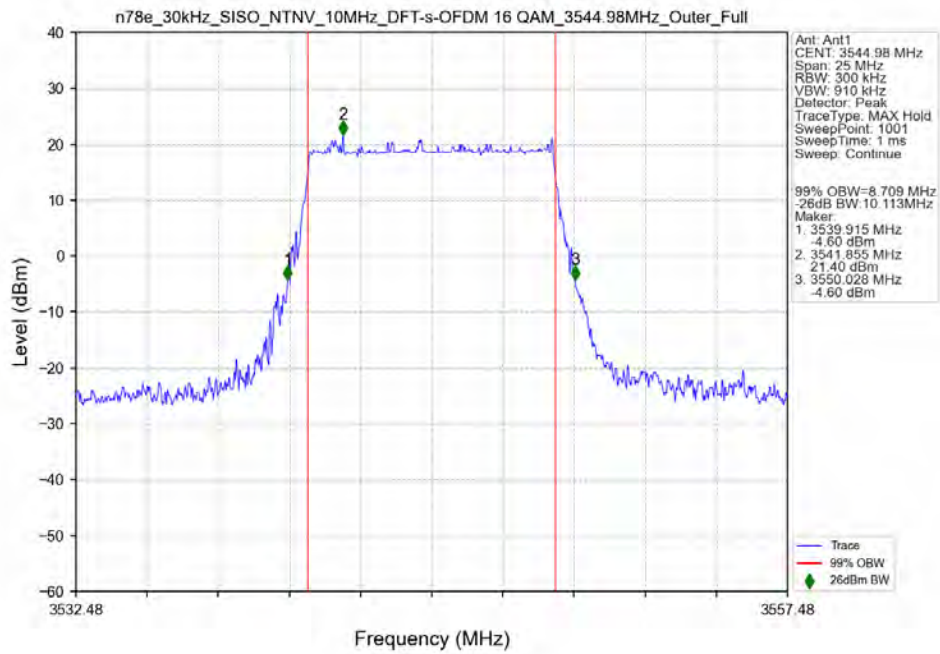
n78e 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3455.01MHz Outer Full Ant6



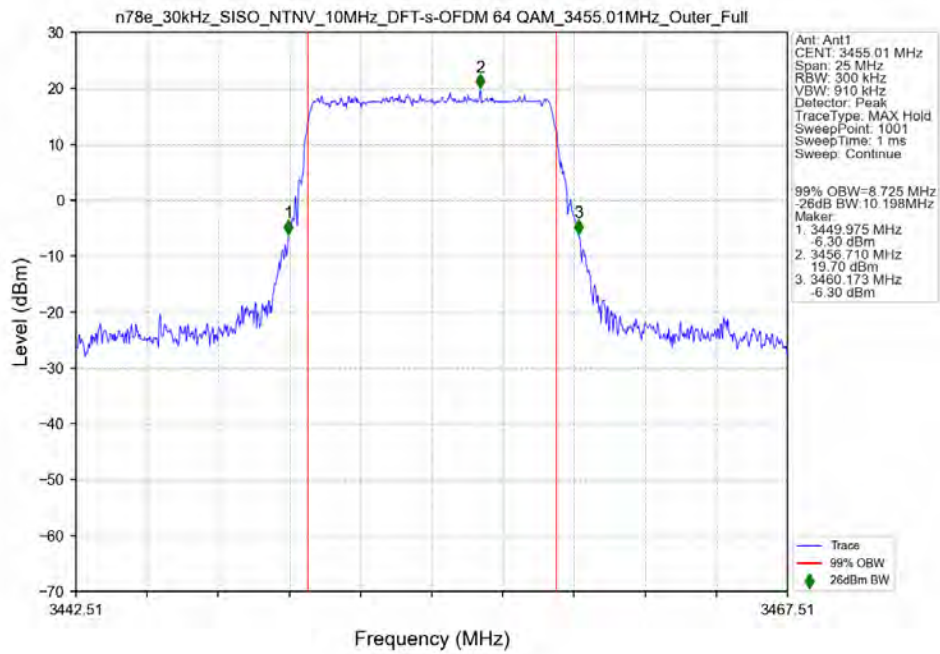
n78e 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant6



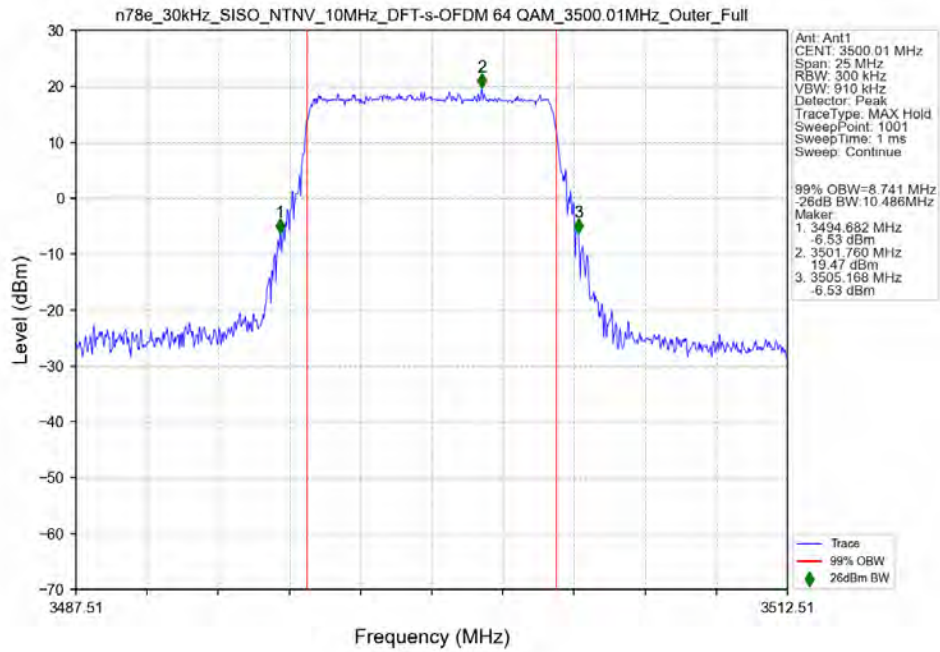
n78e 30kHz SISO NTNv 10MHz DFT-s-OFDM 16 QAM 3544.98MHz Outer Full Ant6



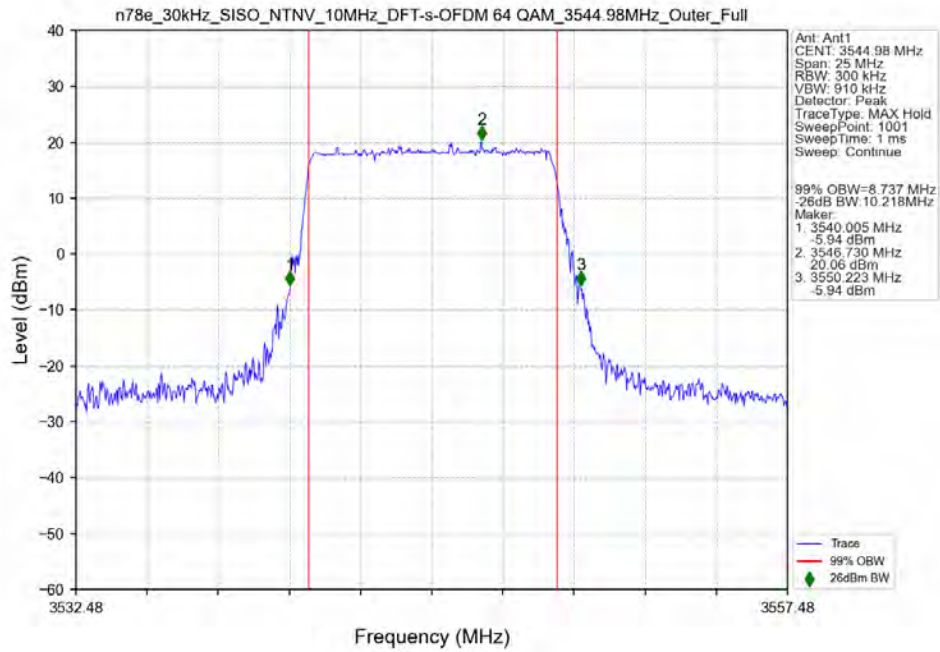
n78e 30kHz SISO NTNv 10MHz DFT-s-OFDM 64 QAM 3455.01MHz Outer Full Ant6



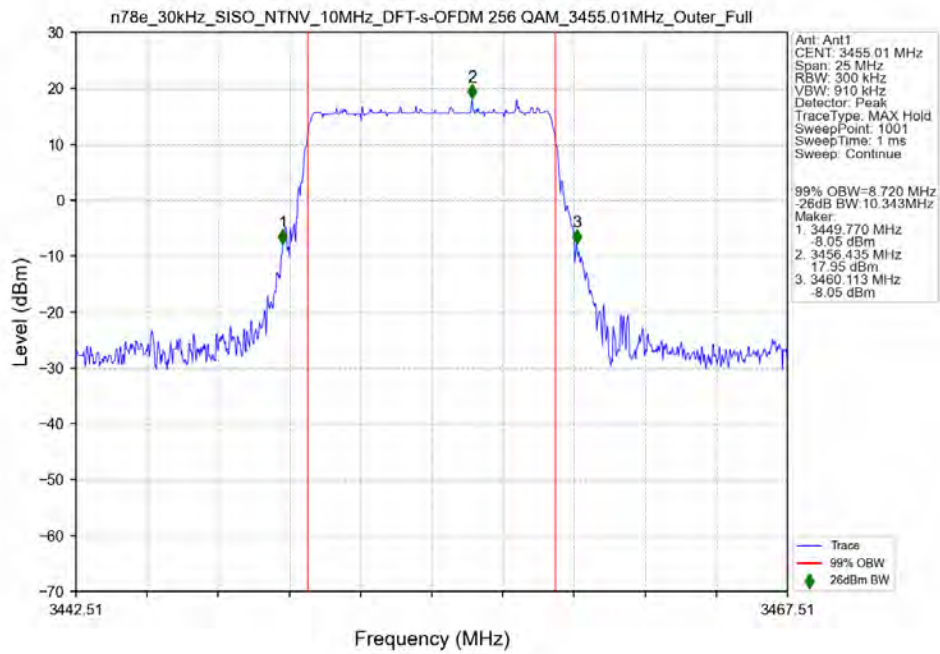
n78e 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant6



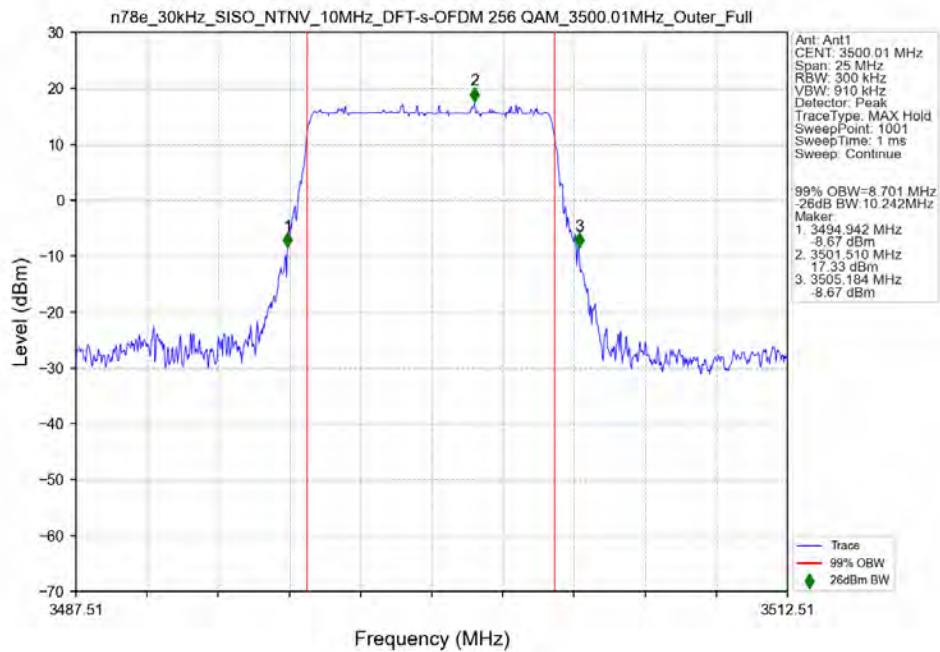
n78e 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3544.98MHz Outer Full Ant6



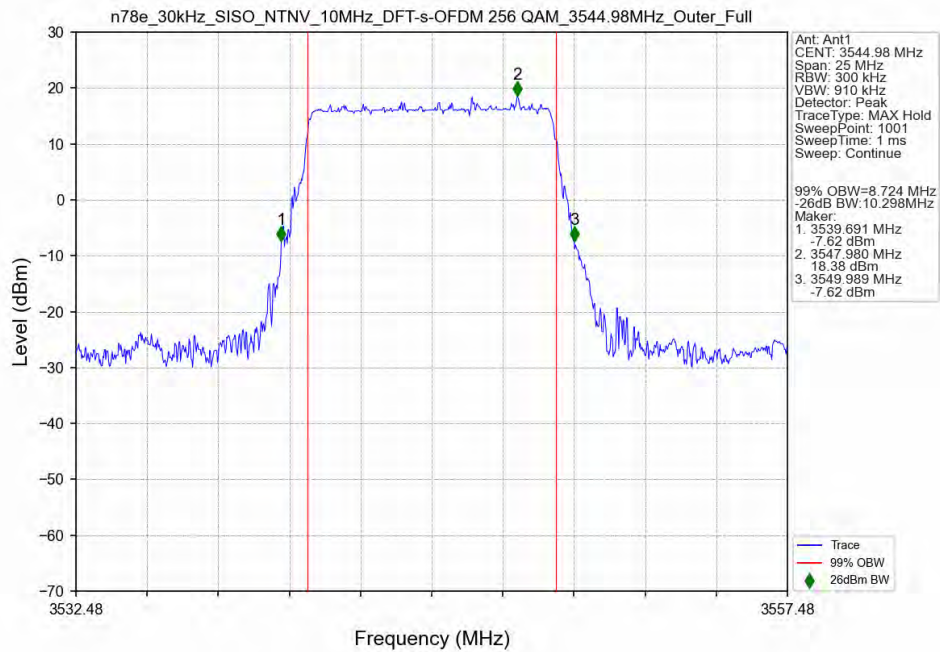
n78e 30kHz SISO NTV 10MHz DFT-s-OFDM 256 QAM 3455.01MHz Outer Full Ant6



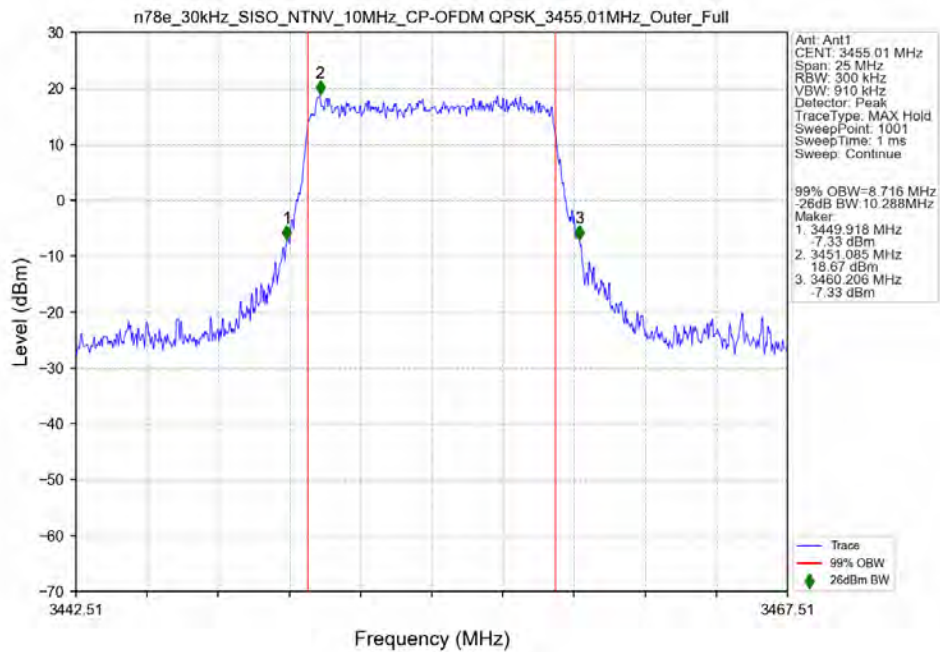
n78e 30kHz SISO NTV 10MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant6



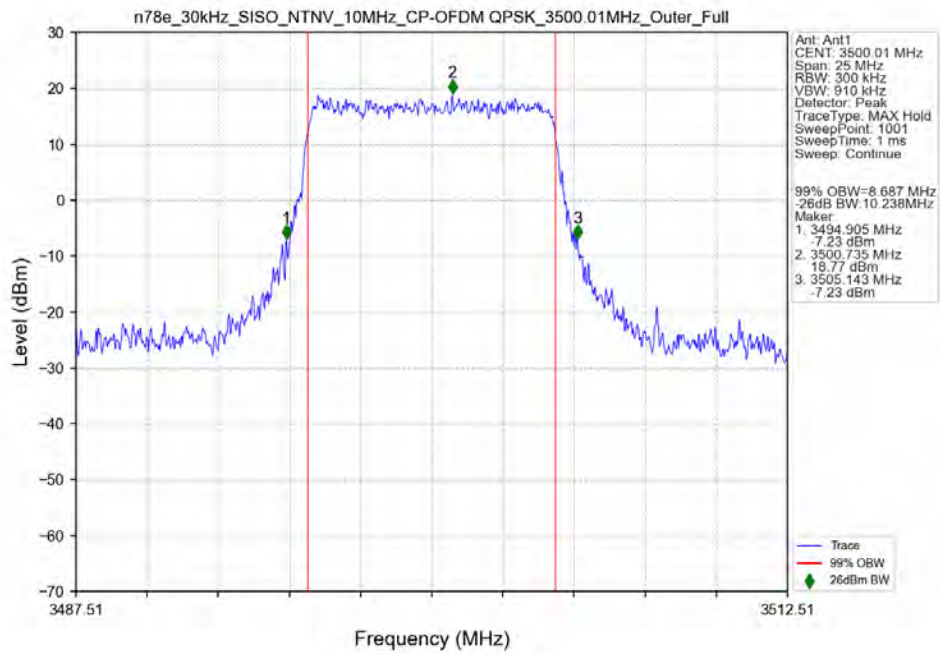
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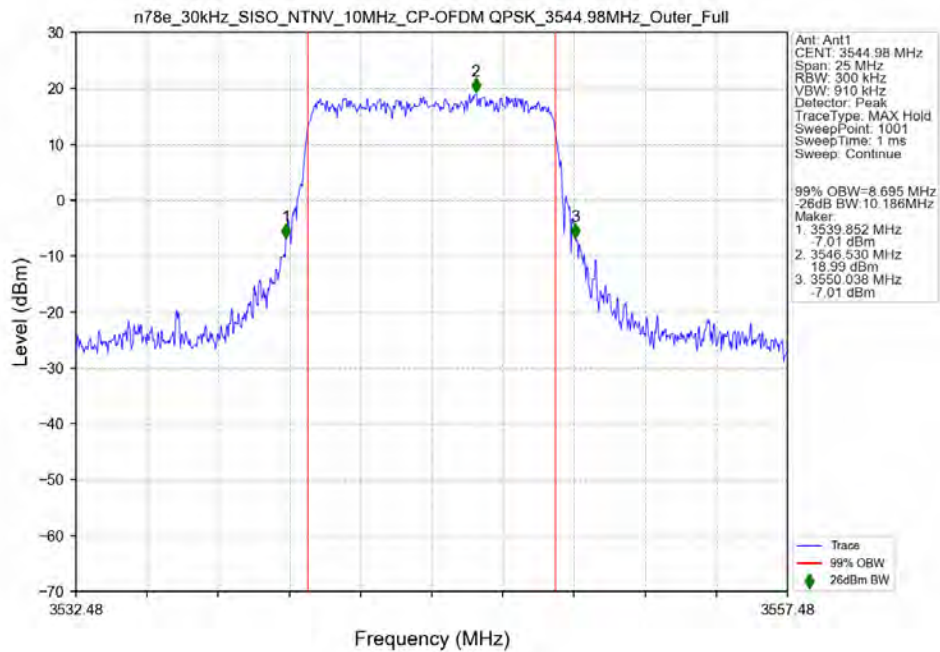
n78e 30kHz SISO NTN 10MHz CP-OFDM QPSK 3455.01MHz Outer Full Ant6



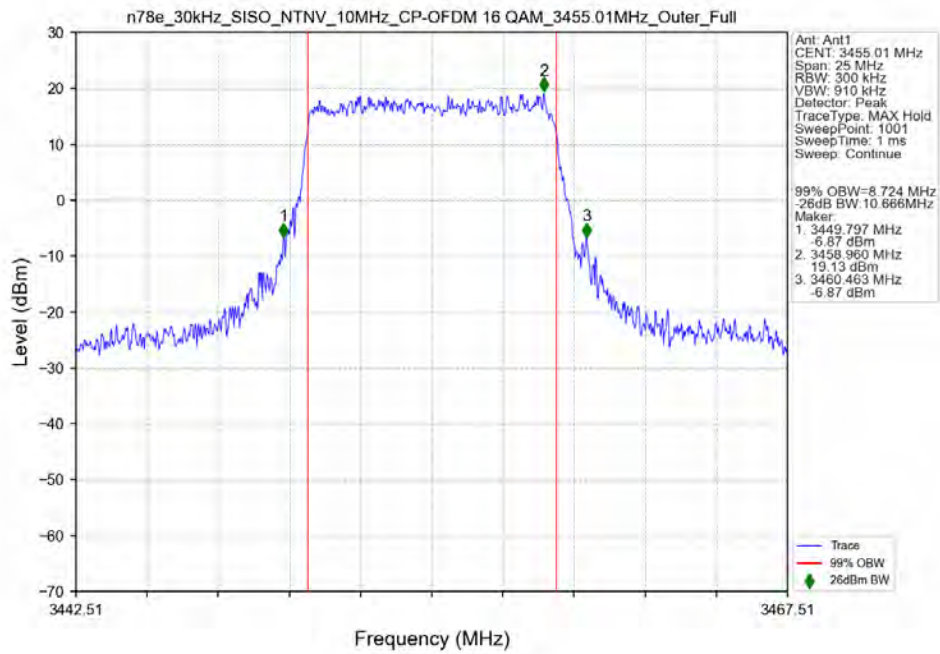
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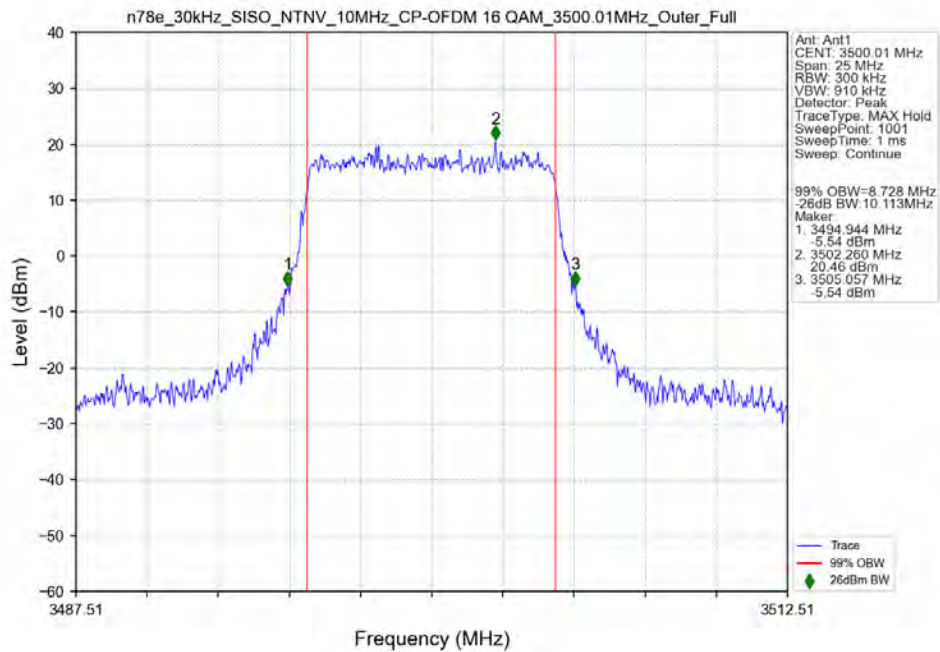
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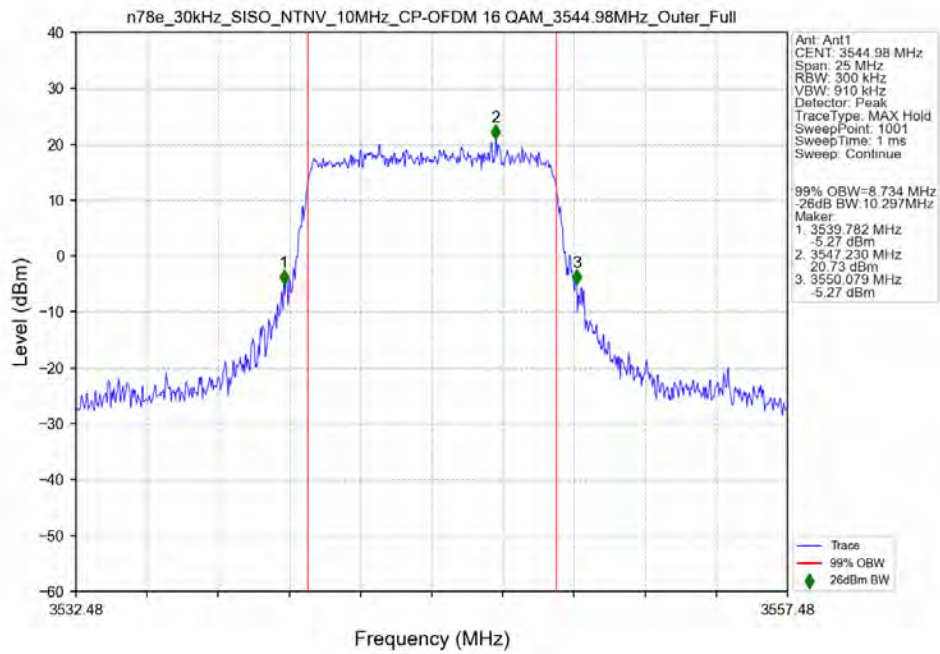
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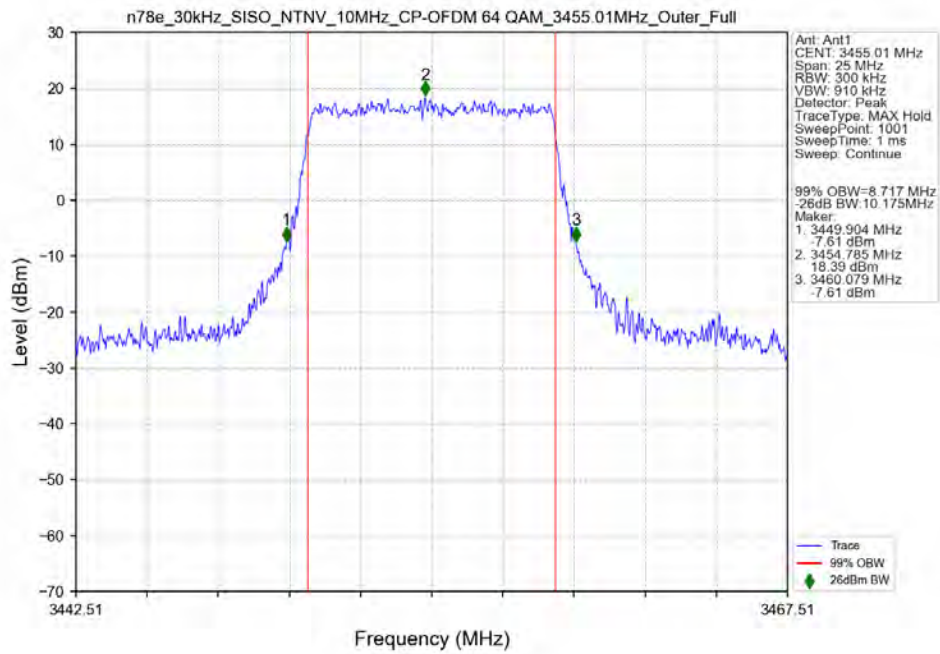
n78e 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 3500.01MHz Outer Full Ant6



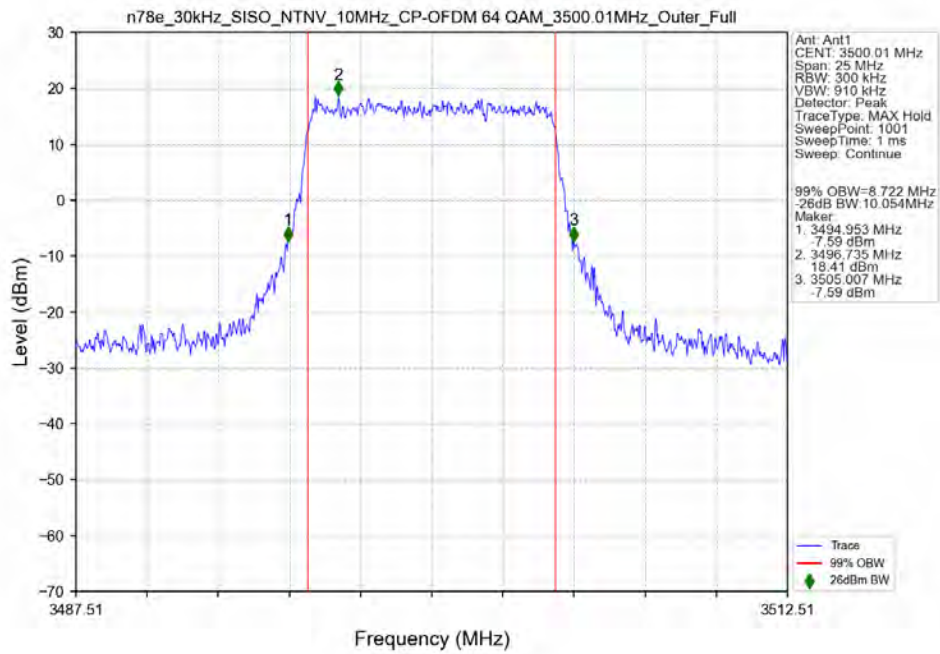
n78e 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 3544.98MHz Outer Full Ant6



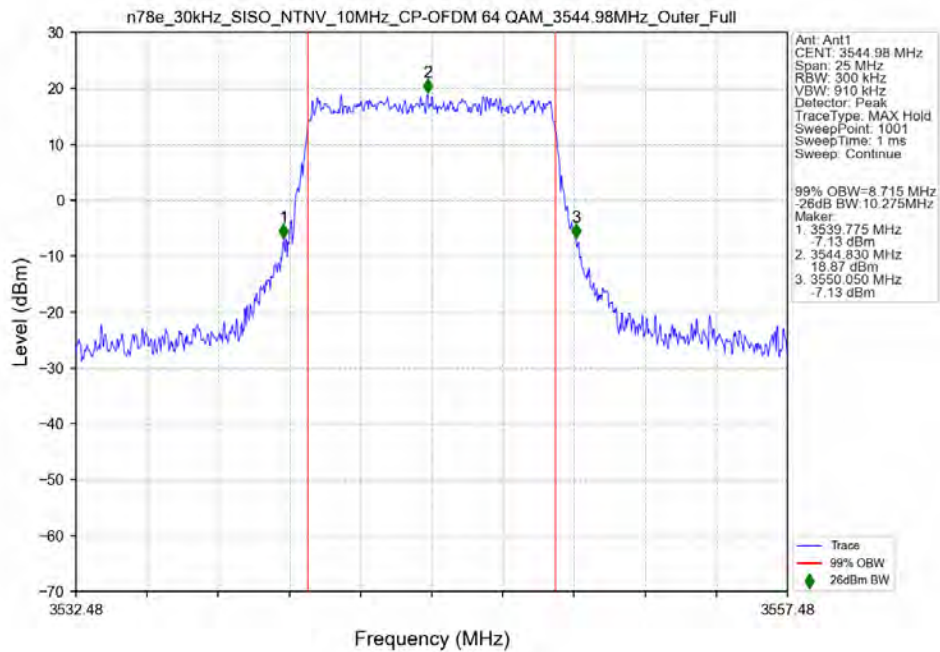
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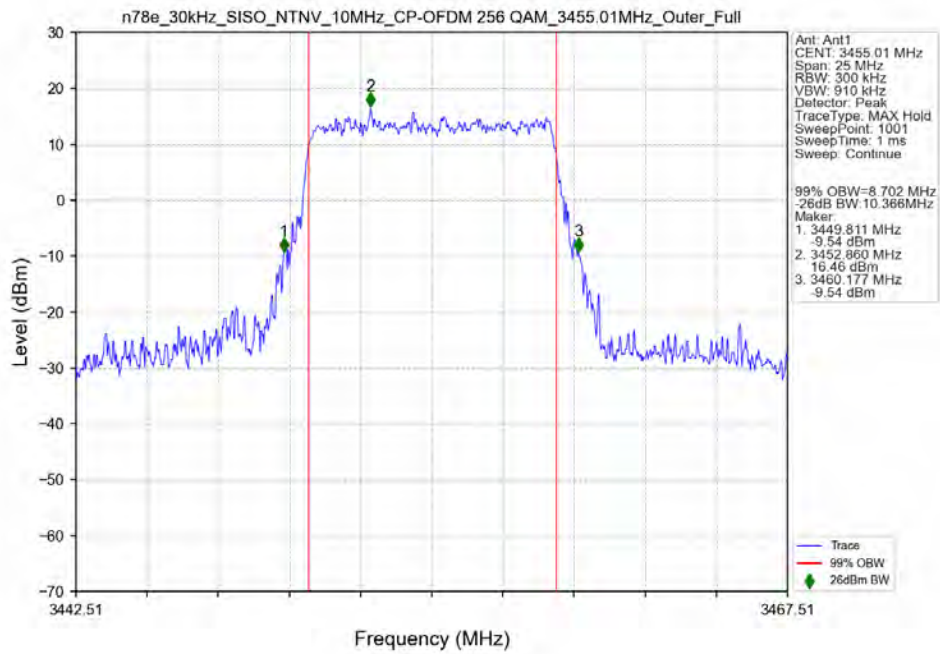
n78e 30kHz SISO NTN 10MHz CP-OFDM 64 QAM 3500.01MHz Outer Full Ant6



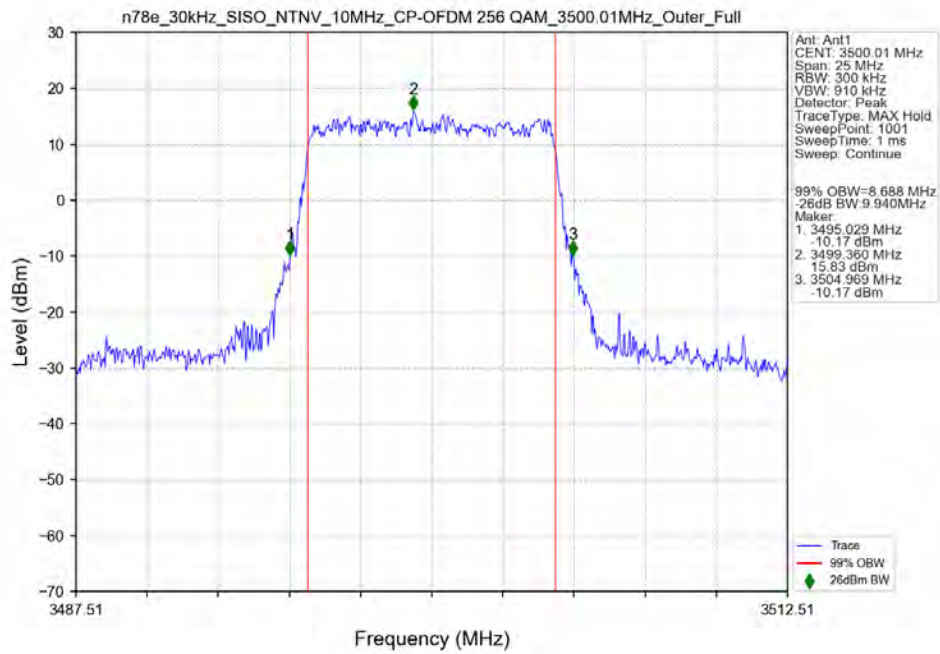
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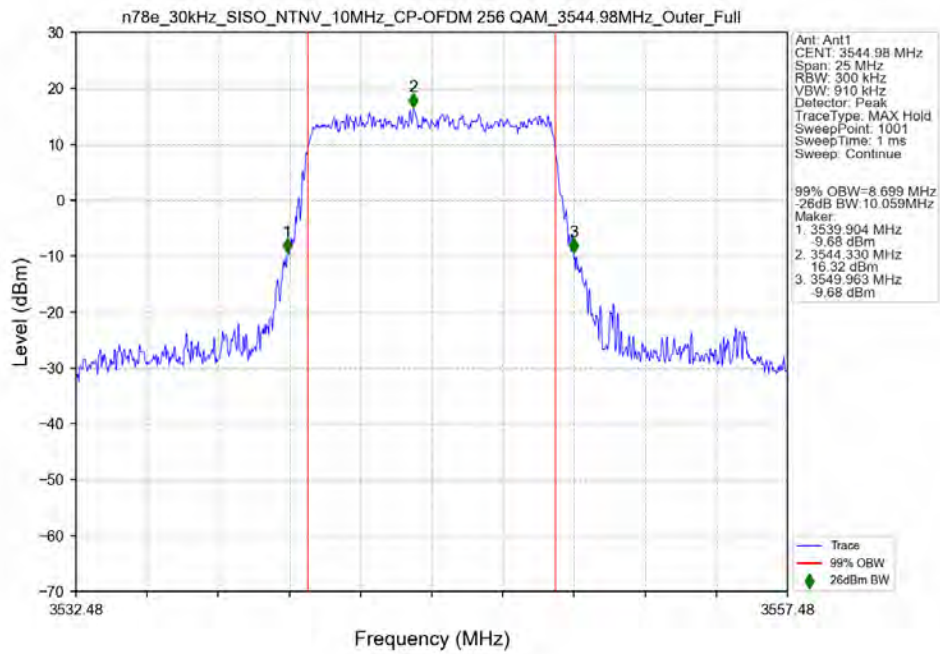
n78e 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3455.01MHz Outer Full Ant6



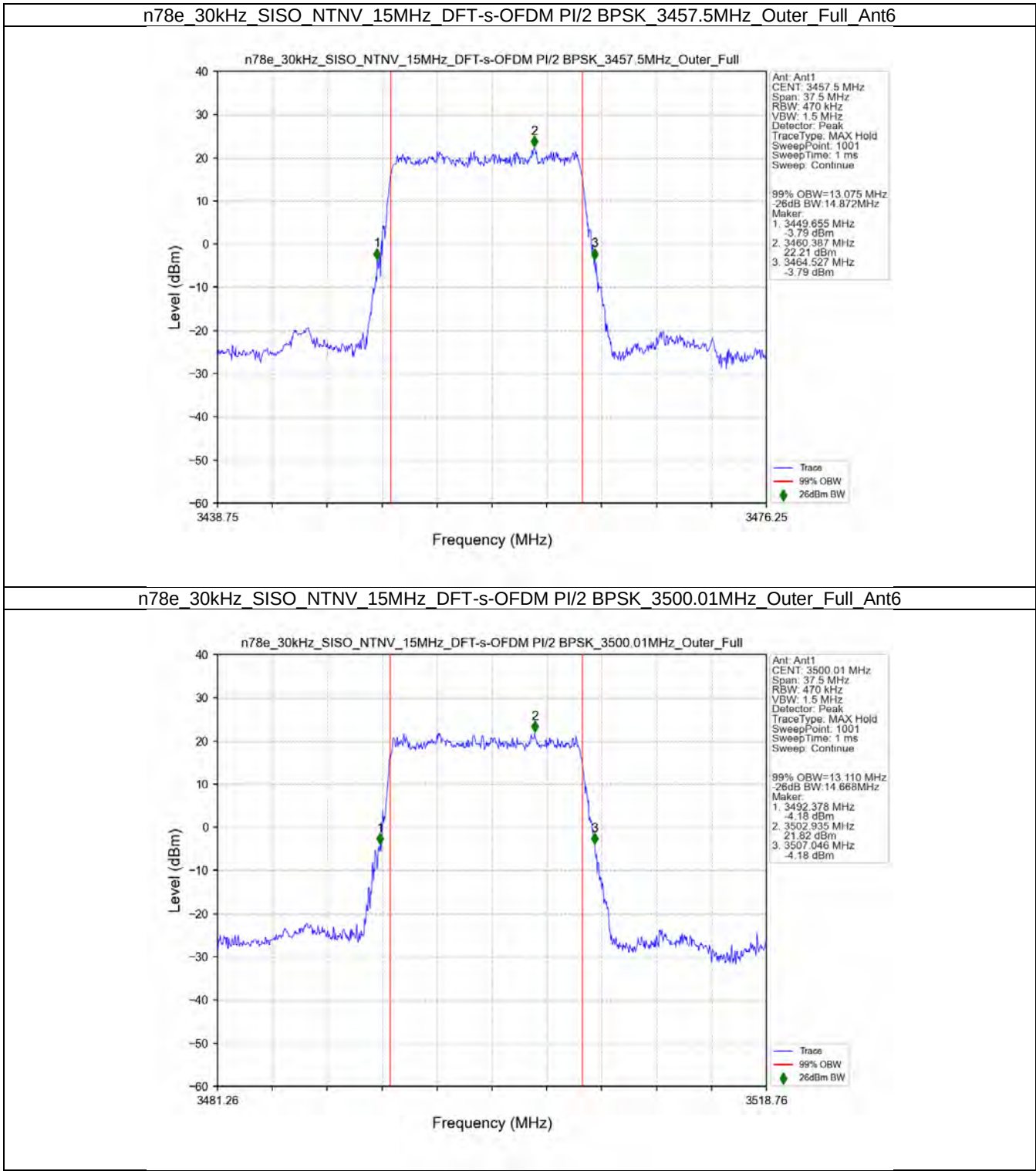
n78e 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant6



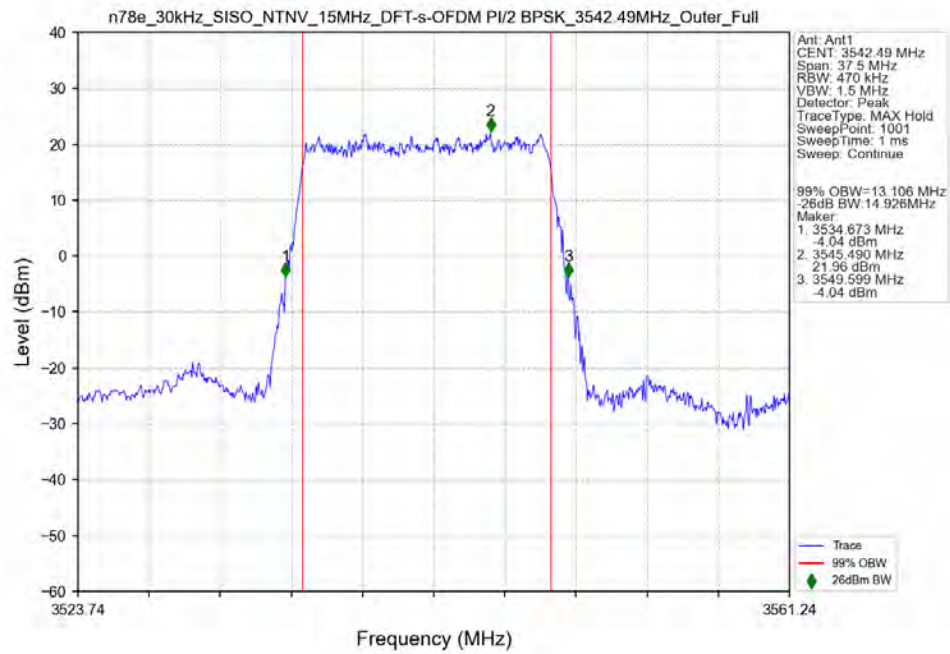
n78e 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3544.98MHz Outer Full Ant6



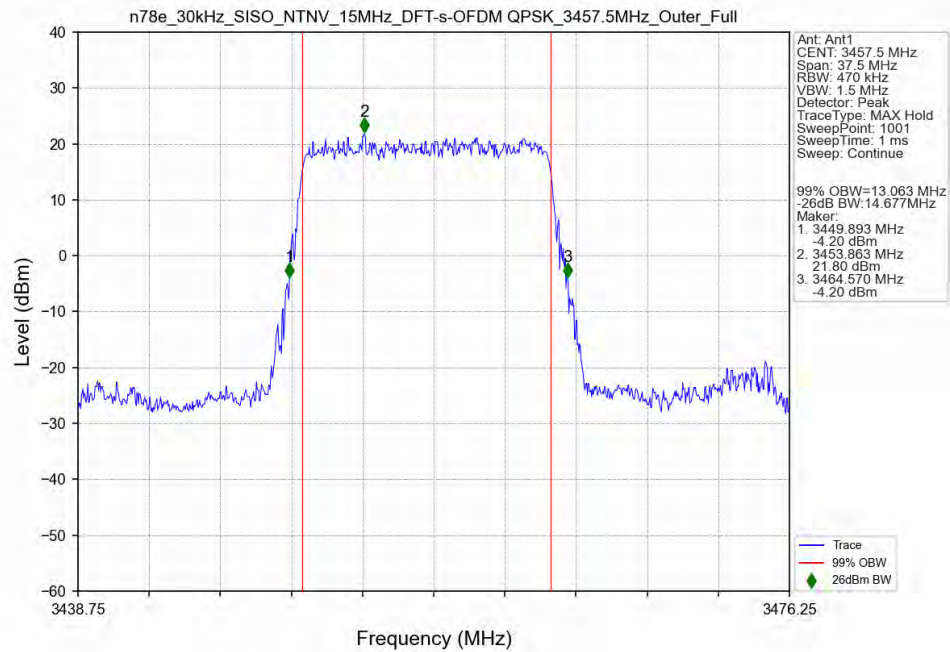
3.2.2 30k_SISO_15MHz_NTNV



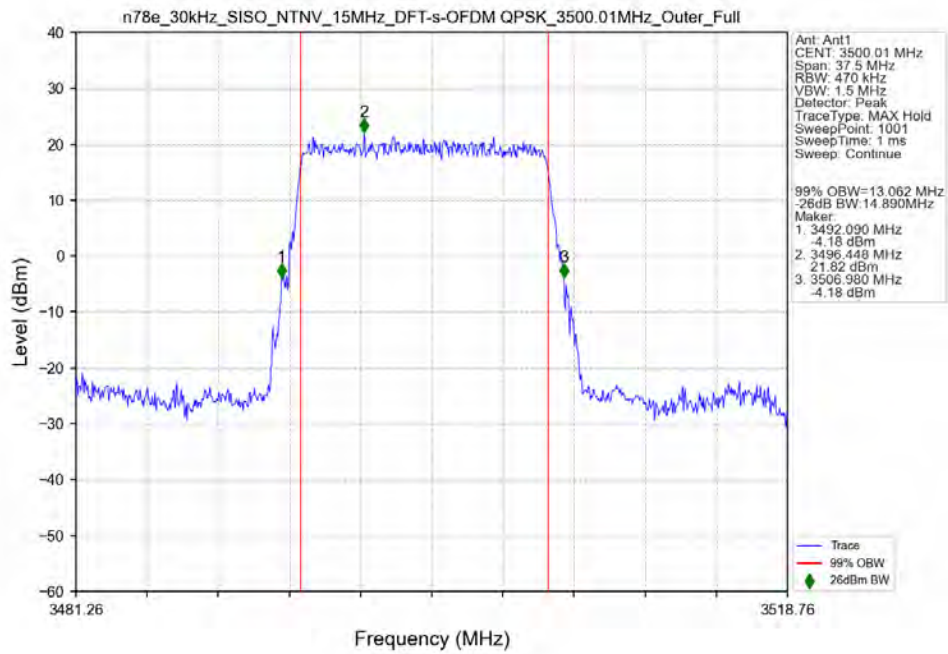
n78e 30kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 3542.49MHz Outer Full Ant6



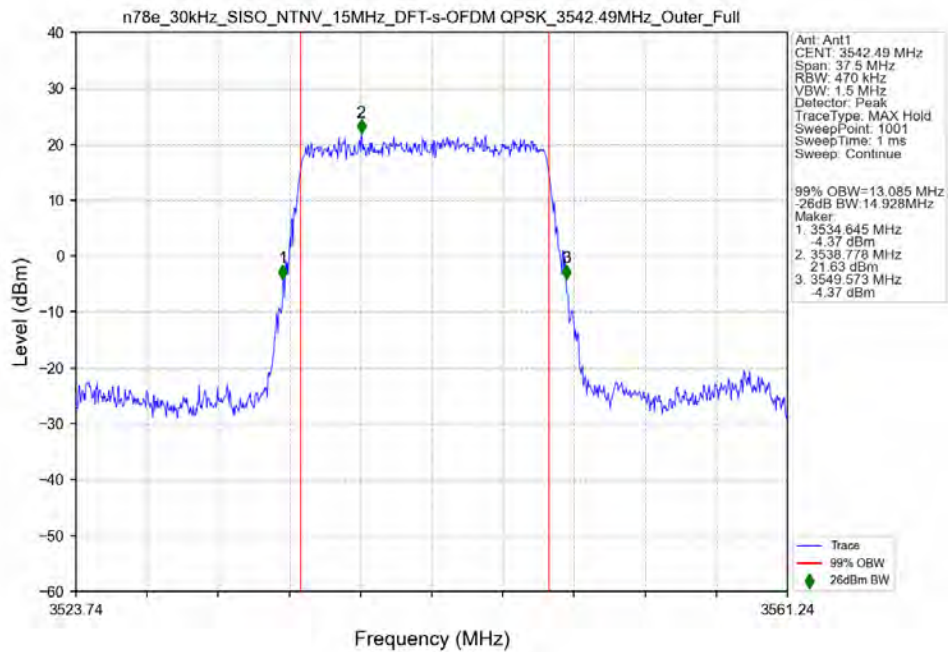
n78e 30kHz SISO NTN 15MHz DFT-s-OFDM QPSK 3457.5MHz Outer Full Ant6



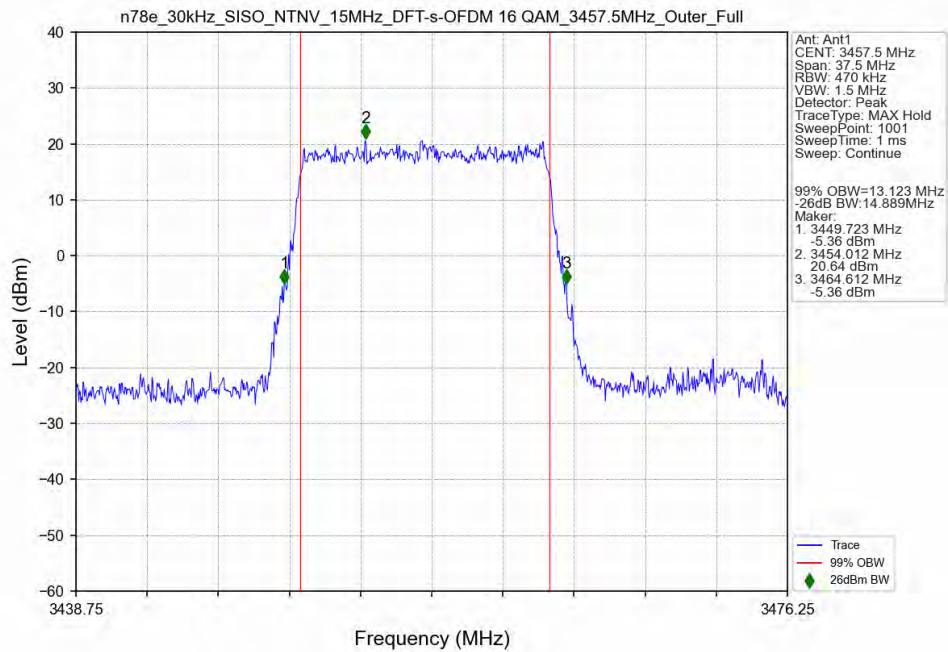
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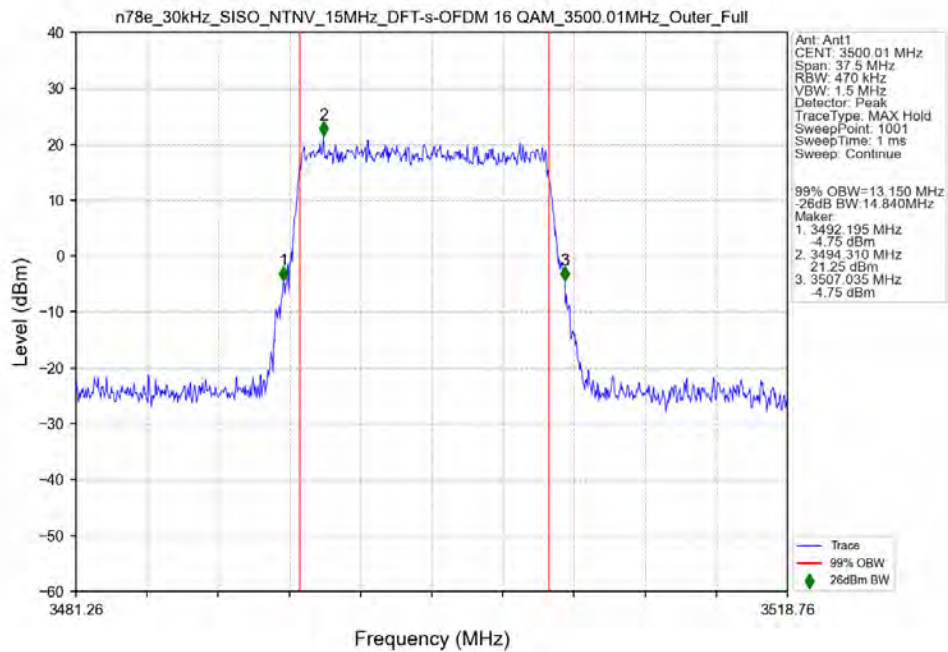
n78e 30kHz SISO NTN 15MHz DFT-s-OFDM QPSK 3542.49MHz Outer Full Ant6



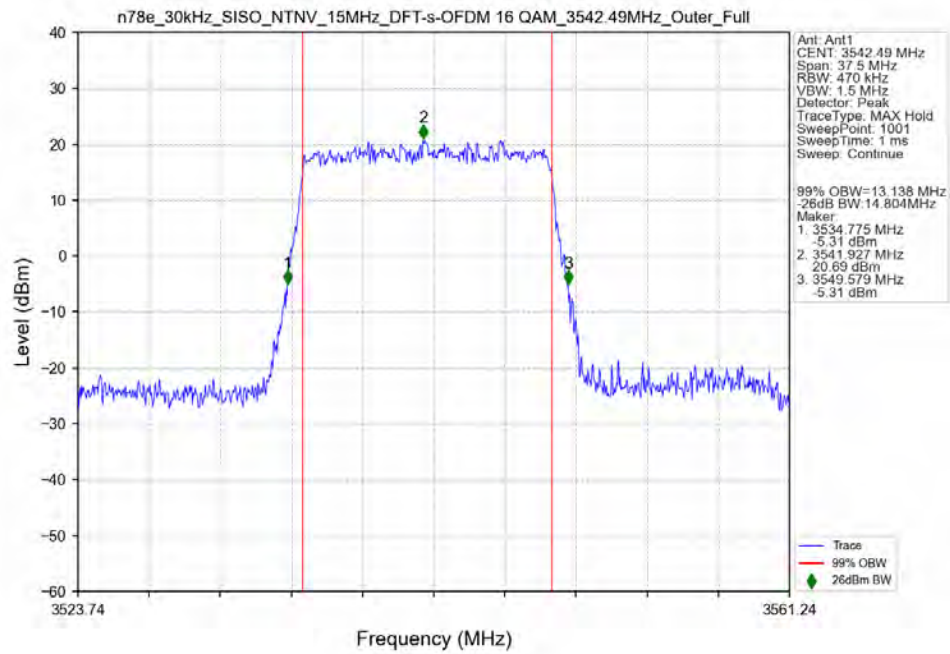
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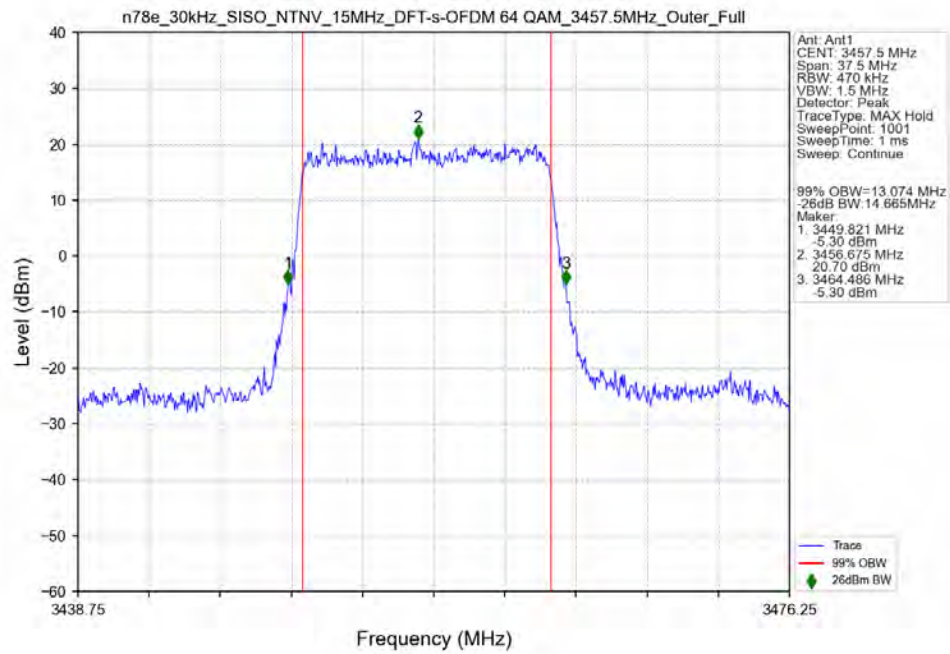
n78e 30kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant6



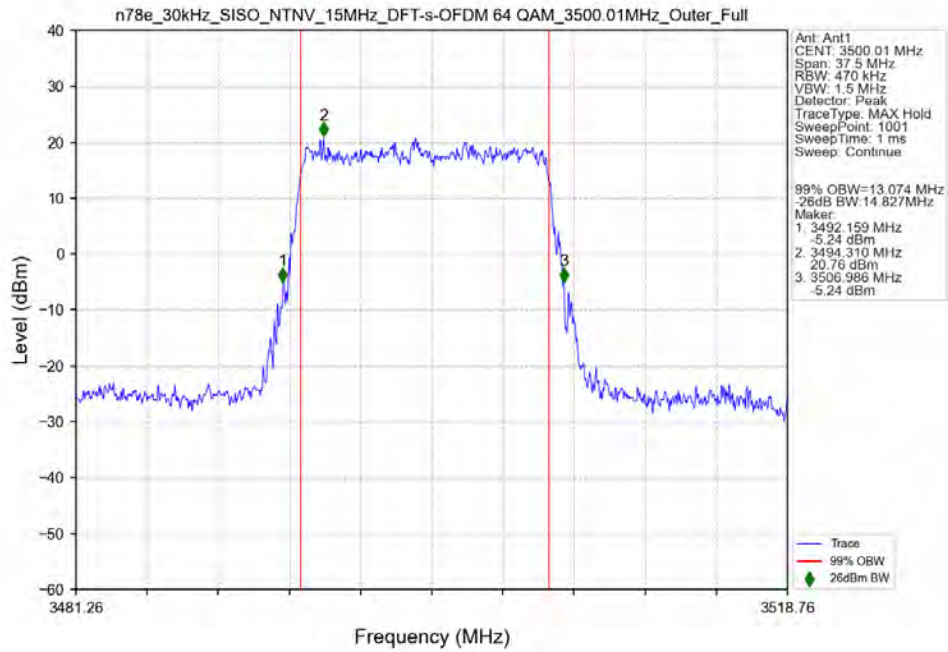
n78e 30kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 3542.49MHz Outer Full Ant6



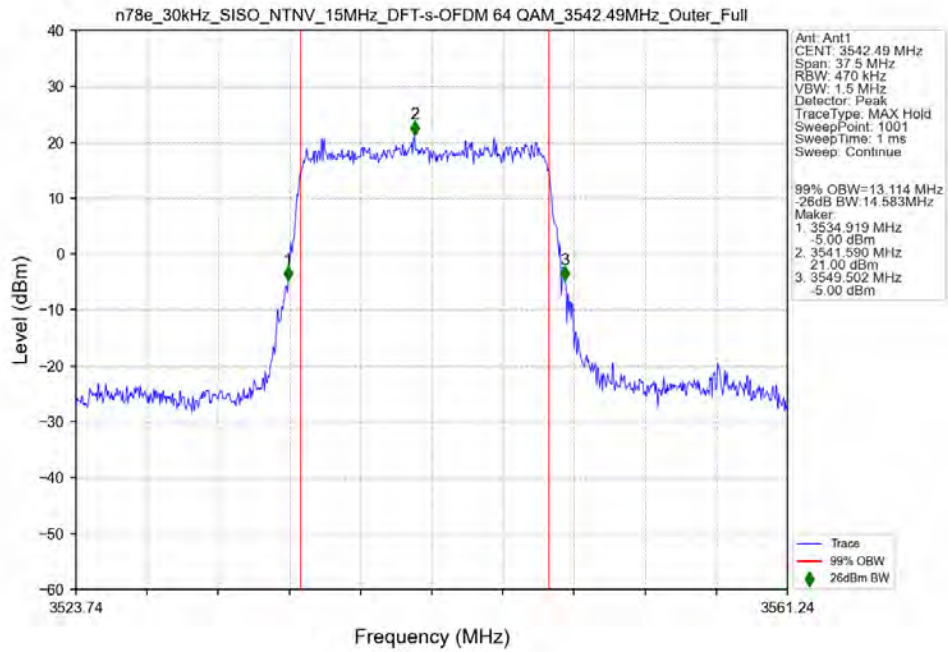
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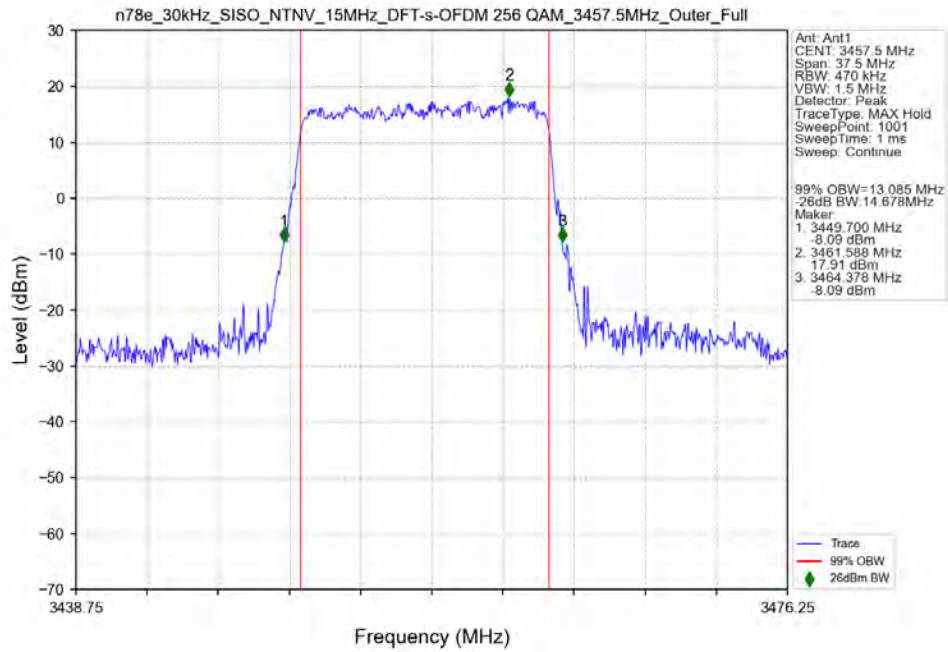
n78e 30kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant6



n78e 30kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 3542.49MHz Outer Full Ant6



n78e 30kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 3457.5MHz Outer Full Ant6



n78e 30kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant6

