

		Inner_1RB_Right	19.89	/	/	18.79	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	17.17	/	/	16.07	/	/	<=30	Pass
		Edge_1RB_Right	17.19	/	/	16.09	/	/	<=30	Pass
		Outer_Full	17.15	/	/	16.05	/	/	<=30	Pass
		Inner_Full	17.14	/	/	16.04	/	/	<=30	Pass
		Inner_1RB_Left	17.18	/	/	16.08	/	/	<=30	Pass
		Inner_1RB_Right	17.13	/	/	16.03	/	/	<=30	Pass
	3475.02	Edge_1RB_Left	17.02	/	/	15.92	/	/	<=30	Pass
		Edge_1RB_Right	17.12	/	/	16.02	/	/	<=30	Pass
		Outer_Full	17.06	/	/	15.96	/	/	<=30	Pass
		Inner_Full	17.03	/	/	15.93	/	/	<=30	Pass
		Inner_1RB_Left	17.03	/	/	15.93	/	/	<=30	Pass
		Inner_1RB_Right	17.14	/	/	16.04	/	/	<=30	Pass
	3525	Edge_1RB_Left	17.10	/	/	16.00	/	/	<=30	Pass
		Edge_1RB_Right	17.03	/	/	15.93	/	/	<=30	Pass
		Outer_Full	16.99	/	/	15.89	/	/	<=30	Pass
		Inner_Full	16.98	/	/	15.88	/	/	<=30	Pass
		Inner_1RB_Left	17.10	/	/	16.00	/	/	<=30	Pass
		Inner_1RB_Right	17.06	/	/	15.96	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; 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
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge 1RB Left	22.87	/	/	21.77	/	/	<=30	Pass
		Edge 1RB Right	22.85	/	/	21.75	/	/	<=30	Pass
		Outer Full	22.97	/	/	21.87	/	/	<=30	Pass
		Inner Full	23.48	/	/	22.38	/	/	<=30	Pass
		Inner 1RB Left	23.39	/	/	22.29	/	/	<=30	Pass
		Inner 1RB Right	23.39	/	/	22.29	/	/	<=30	Pass
	3480	Edge 1RB Left	22.88	/	/	21.78	/	/	<=30	Pass
		Edge 1RB Right	22.92	/	/	21.82	/	/	<=30	Pass
		Outer Full	22.96	/	/	21.86	/	/	<=30	Pass
		Inner Full	23.48	/	/	22.38	/	/	<=30	Pass
		Inner 1RB Left	23.33	/	/	22.23	/	/	<=30	Pass
		Inner 1RB Right	23.41	/	/	22.31	/	/	<=30	Pass
	3519.99	Edge 1RB Left	22.91	/	/	21.81	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	21.74	/	/	<=30	Pass
		Outer Full	22.90	/	/	21.80	/	/	<=30	Pass
		Inner Full	23.45	/	/	22.35	/	/	<=30	Pass
		Inner 1RB Left	23.40	/	/	22.30	/	/	<=30	Pass
		Inner 1RB Right	23.34	/	/	22.24	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge 1RB Left	22.49	/	/	21.39	/	/	<=30	Pass
		Edge 1RB Right	22.44	/	/	21.34	/	/	<=30	Pass
		Outer Full	22.49	/	/	21.39	/	/	<=30	Pass
		Inner Full	23.48	/	/	22.38	/	/	<=30	Pass
		Inner 1RB Left	23.43	/	/	22.33	/	/	<=30	Pass
		Inner 1RB Right	23.43	/	/	22.33	/	/	<=30	Pass
	3480	Edge 1RB Left	22.48	/	/	21.38	/	/	<=30	Pass
		Edge 1RB Right	22.49	/	/	21.39	/	/	<=30	Pass
		Outer Full	22.46	/	/	21.36	/	/	<=30	Pass
		Inner Full	23.46	/	/	22.36	/	/	<=30	Pass
		Inner 1RB Left	23.37	/	/	22.27	/	/	<=30	Pass
		Inner 1RB Right	23.50	/	/	22.40	/	/	<=30	Pass
	3519.99	Edge 1RB Left	22.48	/	/	21.38	/	/	<=30	Pass

		Edge 1RB Right	22.42	/	/	21.32	/	/	<=30	Pass
		Outer Full	22.43	/	/	21.33	/	/	<=30	Pass
		Inner Full	23.41	/	/	22.31	/	/	<=30	Pass
		Inner 1RB Left	23.44	/	/	22.34	/	/	<=30	Pass
		Inner 1RB Right	23.44	/	/	22.34	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge 1RB Left	21.54	/	/	20.44	/	/	<=30	Pass
		Edge 1RB Right	21.58	/	/	20.48	/	/	<=30	Pass
		Outer Full	21.51	/	/	20.41	/	/	<=30	Pass
		Inner Full	22.55	/	/	21.45	/	/	<=30	Pass
		Inner 1RB Left	22.57	/	/	21.47	/	/	<=30	Pass
		Inner 1RB Right	22.55	/	/	21.45	/	/	<=30	Pass
	3480	Edge 1RB Left	21.55	/	/	20.45	/	/	<=30	Pass
		Edge 1RB Right	21.60	/	/	20.50	/	/	<=30	Pass
		Outer Full	21.47	/	/	20.37	/	/	<=30	Pass
		Inner Full	22.54	/	/	21.44	/	/	<=30	Pass
		Inner 1RB Left	22.49	/	/	21.39	/	/	<=30	Pass
		Inner 1RB Right	22.51	/	/	21.41	/	/	<=30	Pass
	3519.99	Edge 1RB Left	21.64	/	/	20.54	/	/	<=30	Pass
		Edge 1RB Right	21.47	/	/	20.37	/	/	<=30	Pass
		Outer Full	21.43	/	/	20.33	/	/	<=30	Pass
		Inner Full	22.49	/	/	21.39	/	/	<=30	Pass
		Inner 1RB Left	22.37	/	/	21.27	/	/	<=30	Pass
		Inner 1RB Right	22.47	/	/	21.37	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge 1RB Left	21.02	/	/	19.92	/	/	<=30	Pass
		Edge 1RB Right	20.89	/	/	19.79	/	/	<=30	Pass
		Outer Full	21.05	/	/	19.95	/	/	<=30	Pass
		Inner Full	21.02	/	/	19.92	/	/	<=30	Pass
		Inner 1RB Left	20.95	/	/	19.85	/	/	<=30	Pass
		Inner 1RB Right	21.06	/	/	19.96	/	/	<=30	Pass
	3480	Edge 1RB Left	21.15	/	/	20.05	/	/	<=30	Pass
		Edge 1RB Right	21.13	/	/	20.03	/	/	<=30	Pass
		Outer Full	21.03	/	/	19.93	/	/	<=30	Pass
		Inner Full	21.01	/	/	19.91	/	/	<=30	Pass
		Inner 1RB Left	20.85	/	/	19.75	/	/	<=30	Pass
		Inner 1RB Right	20.85	/	/	19.75	/	/	<=30	Pass
	3519.99	Edge 1RB Left	20.97	/	/	19.87	/	/	<=30	Pass
		Edge 1RB Right	21.08	/	/	19.98	/	/	<=30	Pass
		Outer Full	20.96	/	/	19.86	/	/	<=30	Pass
		Inner Full	21.00	/	/	19.90	/	/	<=30	Pass
		Inner 1RB Left	21.08	/	/	19.98	/	/	<=30	Pass
		Inner 1RB Right	20.84	/	/	19.74	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge 1RB Left	19.00	/	/	17.90	/	/	<=30	Pass
		Edge 1RB Right	18.95	/	/	17.85	/	/	<=30	Pass
		Outer Full	19.07	/	/	17.97	/	/	<=30	Pass
		Inner Full	19.01	/	/	17.91	/	/	<=30	Pass
		Inner 1RB Left	19.00	/	/	17.90	/	/	<=30	Pass
		Inner 1RB Right	18.81	/	/	17.71	/	/	<=30	Pass
	3480	Edge 1RB Left	18.97	/	/	17.87	/	/	<=30	Pass
		Edge 1RB Right	19.04	/	/	17.94	/	/	<=30	Pass
		Outer Full	19.04	/	/	17.94	/	/	<=30	Pass
		Inner Full	19.03	/	/	17.93	/	/	<=30	Pass
		Inner 1RB Left	18.92	/	/	17.82	/	/	<=30	Pass
		Inner 1RB Right	18.93	/	/	17.83	/	/	<=30	Pass
	3519.99	Edge 1RB Left	19.04	/	/	17.94	/	/	<=30	Pass
		Edge 1RB Right	18.95	/	/	17.85	/	/	<=30	Pass
		Outer Full	19.00	/	/	17.90	/	/	<=30	Pass
		Inner Full	19.00	/	/	17.90	/	/	<=30	Pass
		Inner 1RB Left	19.00	/	/	17.90	/	/	<=30	Pass
		Inner 1RB Right	18.98	/	/	17.88	/	/	<=30	Pass

CP-OFDM QPSK	3500.01	Edge_1RB_Left	20.54	/	/	19.44	/	/	<=30	Pass
		Edge_1RB_Right	20.41	/	/	19.31	/	/	<=30	Pass
		Outer_Full	20.47	/	/	19.37	/	/	<=30	Pass
		Inner_Full	21.99	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Left	21.87	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Right	21.89	/	/	20.79	/	/	<=30	Pass
	3480	Edge_1RB_Left	20.45	/	/	19.35	/	/	<=30	Pass
		Edge_1RB_Right	20.49	/	/	19.39	/	/	<=30	Pass
		Outer_Full	20.47	/	/	19.37	/	/	<=30	Pass
		Inner_Full	21.95	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	21.83	/	/	20.73	/	/	<=30	Pass
		Inner_1RB_Right	21.92	/	/	20.82	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.49	/	/	19.39	/	/	<=30	Pass
		Edge_1RB_Right	20.35	/	/	19.25	/	/	<=30	Pass
		Outer_Full	20.42	/	/	19.32	/	/	<=30	Pass
		Inner_Full	21.94	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Left	21.90	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	21.85	/	/	20.75	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	20.60	/	/	19.50	/	/	<=30	Pass
		Edge_1RB_Right	20.53	/	/	19.43	/	/	<=30	Pass
		Outer_Full	20.48	/	/	19.38	/	/	<=30	Pass
		Inner_Full	21.49	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Right	21.51	/	/	20.41	/	/	<=30	Pass
	3480	Edge_1RB_Left	20.60	/	/	19.50	/	/	<=30	Pass
		Edge_1RB_Right	20.51	/	/	19.41	/	/	<=30	Pass
		Outer_Full	20.48	/	/	19.38	/	/	<=30	Pass
		Inner_Full	21.46	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Right	21.49	/	/	20.39	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.61	/	/	19.51	/	/	<=30	Pass
		Edge_1RB_Right	20.46	/	/	19.36	/	/	<=30	Pass
		Outer_Full	20.43	/	/	19.33	/	/	<=30	Pass
		Inner_Full	21.43	/	/	20.33	/	/	<=30	Pass
		Inner_1RB_Left	21.57	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	21.55	/	/	20.45	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	20.03	/	/	18.93	/	/	<=30	Pass
		Edge_1RB_Right	19.81	/	/	18.71	/	/	<=30	Pass
		Outer_Full	19.98	/	/	18.88	/	/	<=30	Pass
		Inner_Full	20.00	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Left	19.89	/	/	18.79	/	/	<=30	Pass
		Inner_1RB_Right	19.84	/	/	18.74	/	/	<=30	Pass
	3480	Edge_1RB_Left	19.79	/	/	18.69	/	/	<=30	Pass
		Edge_1RB_Right	19.93	/	/	18.83	/	/	<=30	Pass
		Outer_Full	19.98	/	/	18.88	/	/	<=30	Pass
		Inner_Full	20.00	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Left	20.07	/	/	18.97	/	/	<=30	Pass
		Inner_1RB_Right	19.88	/	/	18.78	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.04	/	/	18.94	/	/	<=30	Pass
		Edge_1RB_Right	19.86	/	/	18.76	/	/	<=30	Pass
		Outer_Full	19.93	/	/	18.83	/	/	<=30	Pass
		Inner_Full	19.98	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Left	19.97	/	/	18.87	/	/	<=30	Pass
		Inner_1RB_Right	19.84	/	/	18.74	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	17.10	/	/	16.00	/	/	<=30	Pass
		Edge_1RB_Right	17.15	/	/	16.05	/	/	<=30	Pass
		Outer_Full	17.04	/	/	15.94	/	/	<=30	Pass
		Inner_Full	17.03	/	/	15.93	/	/	<=30	Pass
		Inner_1RB_Left	17.14	/	/	16.04	/	/	<=30	Pass

		Inner 1RB Right	17.00	/	/	15.90	/	/	<=30	Pass
	3480	Edge 1RB Left	17.06	/	/	15.96	/	/	<=30	Pass
		Edge 1RB Right	17.15	/	/	16.05	/	/	<=30	Pass
		Outer Full	17.06	/	/	15.96	/	/	<=30	Pass
		Inner Full	17.05	/	/	15.95	/	/	<=30	Pass
		Inner 1RB Left	17.05	/	/	15.95	/	/	<=30	Pass
		Inner 1RB Right	17.15	/	/	16.05	/	/	<=30	Pass
	3519.99	Edge 1RB Left	17.15	/	/	16.05	/	/	<=30	Pass
		Edge 1RB Right	17.09	/	/	15.99	/	/	<=30	Pass
		Outer Full	17.01	/	/	15.91	/	/	<=30	Pass
		Inner Full	17.00	/	/	15.90	/	/	<=30	Pass
		Inner 1RB Left	17.13	/	/	16.03	/	/	<=30	Pass
		Inner 1RB Right	17.08	/	/	15.98	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_70MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 70MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge 1RB Left	23.00	/	/	21.90	/	/	<=30	Pass
		Edge 1RB Right	22.86	/	/	21.76	/	/	<=30	Pass
		Outer Full	23.00	/	/	21.90	/	/	<=30	Pass
		Inner Full	23.51	/	/	22.41	/	/	<=30	Pass
		Inner 1RB Left	23.45	/	/	22.35	/	/	<=30	Pass
		Inner 1RB Right	23.35	/	/	22.25	/	/	<=30	Pass
	3485.01	Edge 1RB Left	22.94	/	/	21.84	/	/	<=30	Pass
		Edge 1RB Right	22.93	/	/	21.83	/	/	<=30	Pass
		Outer Full	22.95	/	/	21.85	/	/	<=30	Pass
		Inner Full	23.42	/	/	22.32	/	/	<=30	Pass
		Inner 1RB Left	23.40	/	/	22.30	/	/	<=30	Pass
		Inner 1RB Right	23.34	/	/	22.24	/	/	<=30	Pass
	3514.98	Edge 1RB Left	23.05	/	/	21.95	/	/	<=30	Pass
		Edge 1RB Right	22.87	/	/	21.77	/	/	<=30	Pass
		Outer Full	23.08	/	/	21.98	/	/	<=30	Pass
		Inner Full	23.58	/	/	22.48	/	/	<=30	Pass
		Inner 1RB Left	23.54	/	/	22.44	/	/	<=30	Pass
		Inner 1RB Right	23.39	/	/	22.29	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge 1RB Left	22.57	/	/	21.47	/	/	<=30	Pass
		Edge 1RB Right	22.42	/	/	21.32	/	/	<=30	Pass
		Outer Full	22.53	/	/	21.43	/	/	<=30	Pass
		Inner Full	23.51	/	/	22.41	/	/	<=30	Pass
		Inner 1RB Left	23.52	/	/	22.42	/	/	<=30	Pass
		Inner 1RB Right	23.43	/	/	22.33	/	/	<=30	Pass
	3485.01	Edge 1RB Left	22.46	/	/	21.36	/	/	<=30	Pass
		Edge 1RB Right	22.48	/	/	21.38	/	/	<=30	Pass
		Outer Full	22.48	/	/	21.38	/	/	<=30	Pass
		Inner Full	23.42	/	/	22.32	/	/	<=30	Pass
		Inner 1RB Left	23.43	/	/	22.33	/	/	<=30	Pass
		Inner 1RB Right	23.43	/	/	22.33	/	/	<=30	Pass
	3514.98	Edge 1RB Left	22.64	/	/	21.54	/	/	<=30	Pass
		Edge 1RB Right	22.40	/	/	21.30	/	/	<=30	Pass
		Outer Full	22.54	/	/	21.44	/	/	<=30	Pass
		Inner Full	23.61	/	/	22.51	/	/	<=30	Pass
		Inner 1RB Left	23.58	/	/	22.48	/	/	<=30	Pass
		Inner 1RB Right	23.43	/	/	22.33	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge 1RB Left	21.70	/	/	20.60	/	/	<=30	Pass

		Edge_1RB_Right	21.49	/	/	20.39	/	/	<=30	Pass	
		Outer_Full	21.54	/	/	20.44	/	/	<=30	Pass	
		Inner_Full	22.55	/	/	21.45	/	/	<=30	Pass	
		Inner_1RB_Left	22.58	/	/	21.48	/	/	<=30	Pass	
		Inner_1RB_Right	22.57	/	/	21.47	/	/	<=30	Pass	
		3485.01	Edge_1RB_Left	21.57	/	/	20.47	/	/	<=30	Pass
			Edge_1RB_Right	21.64	/	/	20.54	/	/	<=30	Pass
			Outer_Full	21.47	/	/	20.37	/	/	<=30	Pass
			Inner_Full	22.44	/	/	21.34	/	/	<=30	Pass
			Inner_1RB_Left	22.53	/	/	21.43	/	/	<=30	Pass
		3514.98	Inner_1RB_Right	22.50	/	/	21.40	/	/	<=30	Pass
			Edge_1RB_Left	21.76	/	/	20.66	/	/	<=30	Pass
			Edge_1RB_Right	21.57	/	/	20.47	/	/	<=30	Pass
			Outer_Full	21.60	/	/	20.50	/	/	<=30	Pass
			Inner_Full	22.66	/	/	21.56	/	/	<=30	Pass
	DFT-s-OFDM 64 QAM	3500.01	Inner_1RB_Left	22.70	/	/	21.60	/	/	<=30	Pass
			Inner_1RB_Right	22.48	/	/	21.38	/	/	<=30	Pass
			Edge_1RB_Left	21.01	/	/	19.91	/	/	<=30	Pass
Edge_1RB_Right			20.99	/	/	19.89	/	/	<=30	Pass	
Outer_Full			21.03	/	/	19.93	/	/	<=30	Pass	
Inner_Full			21.04	/	/	19.94	/	/	<=30	Pass	
3485.01		Inner_1RB_Left	20.92	/	/	19.82	/	/	<=30	Pass	
		Inner_1RB_Right	20.88	/	/	19.78	/	/	<=30	Pass	
		Edge_1RB_Left	20.89	/	/	19.79	/	/	<=30	Pass	
		Edge_1RB_Right	20.92	/	/	19.82	/	/	<=30	Pass	
		Outer_Full	20.96	/	/	19.86	/	/	<=30	Pass	
		Inner_Full	20.94	/	/	19.84	/	/	<=30	Pass	
3514.98		Inner_1RB_Left	20.85	/	/	19.75	/	/	<=30	Pass	
	Inner_1RB_Right	20.85	/	/	19.75	/	/	<=30	Pass		
	Edge_1RB_Left	21.10	/	/	20.00	/	/	<=30	Pass		
	Edge_1RB_Right	21.03	/	/	19.93	/	/	<=30	Pass		
	Outer_Full	21.10	/	/	20.00	/	/	<=30	Pass		
	Inner_Full	21.12	/	/	20.02	/	/	<=30	Pass		
DFT-s-OFDM 256 QAM	3500.01	Inner_1RB_Left	21.02	/	/	19.92	/	/	<=30	Pass	
		Inner_1RB_Right	20.88	/	/	19.78	/	/	<=30	Pass	
		Edge_1RB_Left	19.08	/	/	17.98	/	/	<=30	Pass	
		Edge_1RB_Right	18.92	/	/	17.82	/	/	<=30	Pass	
		Outer_Full	19.09	/	/	17.99	/	/	<=30	Pass	
		Inner_Full	19.10	/	/	18.00	/	/	<=30	Pass	
	3485.01	Inner_1RB_Left	19.05	/	/	17.95	/	/	<=30	Pass	
		Inner_1RB_Right	18.98	/	/	17.88	/	/	<=30	Pass	
		Edge_1RB_Left	19.10	/	/	18.00	/	/	<=30	Pass	
		Edge_1RB_Right	19.02	/	/	17.92	/	/	<=30	Pass	
		Outer_Full	19.04	/	/	17.94	/	/	<=30	Pass	
		Inner_Full	18.99	/	/	17.89	/	/	<=30	Pass	
	3514.98	Inner_1RB_Left	19.02	/	/	17.92	/	/	<=30	Pass	
		Inner_1RB_Right	18.95	/	/	17.85	/	/	<=30	Pass	
		Edge_1RB_Left	19.12	/	/	18.02	/	/	<=30	Pass	
		Edge_1RB_Right	18.83	/	/	17.73	/	/	<=30	Pass	
		Outer_Full	19.16	/	/	18.06	/	/	<=30	Pass	
		Inner_Full	19.17	/	/	18.07	/	/	<=30	Pass	
CP-OFDM QPSK	3500.01	Inner_1RB_Left	19.19	/	/	18.09	/	/	<=30	Pass	
		Inner_1RB_Right	18.95	/	/	17.85	/	/	<=30	Pass	
		Edge_1RB_Left	20.52	/	/	19.42	/	/	<=30	Pass	
		Edge_1RB_Right	20.49	/	/	19.39	/	/	<=30	Pass	
		Outer_Full	20.52	/	/	19.42	/	/	<=30	Pass	
		Inner_Full	21.99	/	/	20.89	/	/	<=30	Pass	

	3485.01	Edge_1RB_Left	20.42	/	/	19.32	/	/	<=30	Pass
		Edge_1RB_Right	20.45	/	/	19.35	/	/	<=30	Pass
		Outer_Full	20.48	/	/	19.38	/	/	<=30	Pass
		Inner_Full	21.88	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Left	21.98	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Right	21.91	/	/	20.81	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.55	/	/	19.45	/	/	<=30	Pass
		Edge_1RB_Right	20.37	/	/	19.27	/	/	<=30	Pass
		Outer_Full	20.60	/	/	19.50	/	/	<=30	Pass
		Inner_Full	22.08	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Left	22.15	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	20.77	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	20.56	/	/	19.46	/	/	<=30	Pass
		Edge_1RB_Right	20.46	/	/	19.36	/	/	<=30	Pass
		Outer_Full	20.56	/	/	19.46	/	/	<=30	Pass
		Inner_Full	21.51	/	/	20.41	/	/	<=30	Pass
		Inner_1RB_Left	21.56	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Right	21.52	/	/	20.42	/	/	<=30	Pass
	3485.01	Edge_1RB_Left	20.64	/	/	19.54	/	/	<=30	Pass
		Edge_1RB_Right	20.61	/	/	19.51	/	/	<=30	Pass
		Outer_Full	20.46	/	/	19.36	/	/	<=30	Pass
		Inner_Full	21.42	/	/	20.32	/	/	<=30	Pass
		Inner_1RB_Left	21.58	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Right	21.62	/	/	20.52	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.68	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	20.53	/	/	19.43	/	/	<=30	Pass
		Outer_Full	20.59	/	/	19.49	/	/	<=30	Pass
		Inner_Full	21.60	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Right	21.47	/	/	20.37	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	20.31	/	/	19.21	/	/	<=30	Pass
		Edge_1RB_Right	19.82	/	/	18.72	/	/	<=30	Pass
		Outer_Full	20.02	/	/	18.92	/	/	<=30	Pass
		Inner_Full	20.06	/	/	18.96	/	/	<=30	Pass
		Inner_1RB_Left	20.17	/	/	19.07	/	/	<=30	Pass
		Inner_1RB_Right	19.90	/	/	18.80	/	/	<=30	Pass
	3485.01	Edge_1RB_Left	19.89	/	/	18.79	/	/	<=30	Pass
		Edge_1RB_Right	19.88	/	/	18.78	/	/	<=30	Pass
		Outer_Full	19.98	/	/	18.88	/	/	<=30	Pass
		Inner_Full	19.96	/	/	18.86	/	/	<=30	Pass
		Inner_1RB_Left	19.96	/	/	18.86	/	/	<=30	Pass
		Inner_1RB_Right	19.89	/	/	18.79	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.38	/	/	19.28	/	/	<=30	Pass
		Edge_1RB_Right	20.17	/	/	19.07	/	/	<=30	Pass
		Outer_Full	20.12	/	/	19.02	/	/	<=30	Pass
		Inner_Full	20.15	/	/	19.05	/	/	<=30	Pass
		Inner_1RB_Left	20.11	/	/	19.01	/	/	<=30	Pass
		Inner_1RB_Right	19.95	/	/	18.85	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	17.18	/	/	16.08	/	/	<=30	Pass
		Edge_1RB_Right	16.96	/	/	15.86	/	/	<=30	Pass
		Outer_Full	17.09	/	/	15.99	/	/	<=30	Pass
		Inner_Full	17.09	/	/	15.99	/	/	<=30	Pass
		Inner_1RB_Left	17.16	/	/	16.06	/	/	<=30	Pass
		Inner_1RB_Right	17.00	/	/	15.90	/	/	<=30	Pass
	3485.01	Edge_1RB_Left	17.02	/	/	15.92	/	/	<=30	Pass
		Edge_1RB_Right	17.06	/	/	15.96	/	/	<=30	Pass
		Outer_Full	17.06	/	/	15.96	/	/	<=30	Pass
		Inner_Full	17.00	/	/	15.90	/	/	<=30	Pass
		Inner_1RB_Left	17.14	/	/	16.04	/	/	<=30	Pass

		Inner_1RB_Right	17.11	/	/	16.01	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	17.27	/	/	16.17	/	/	<=30	Pass
		Edge_1RB_Right	17.06	/	/	15.96	/	/	<=30	Pass
		Outer_Full	17.15	/	/	16.05	/	/	<=30	Pass
		Inner_Full	17.13	/	/	16.03	/	/	<=30	Pass
		Inner_1RB_Left	17.19	/	/	16.09	/	/	<=30	Pass
		Inner_1RB_Right	17.09	/	/	15.99	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; 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
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge 1RB Left	23.05	/	/	21.95	/	/	<=30	Pass
		Edge 1RB Right	22.90	/	/	21.80	/	/	<=30	Pass
		Outer Full	23.00	/	/	21.90	/	/	<=30	Pass
		Inner Full	23.54	/	/	22.44	/	/	<=30	Pass
		Inner 1RB Left	23.52	/	/	22.42	/	/	<=30	Pass
		Inner 1RB Right	23.38	/	/	22.28	/	/	<=30	Pass
	3490.02	Edge 1RB Left	23.01	/	/	21.91	/	/	<=30	Pass
		Edge 1RB Right	22.93	/	/	21.83	/	/	<=30	Pass
		Outer Full	23.00	/	/	21.90	/	/	<=30	Pass
		Inner Full	23.55	/	/	22.45	/	/	<=30	Pass
		Inner 1RB Left	23.52	/	/	22.42	/	/	<=30	Pass
		Inner 1RB Right	23.47	/	/	22.37	/	/	<=30	Pass
	3510	Edge 1RB Left	23.03	/	/	21.93	/	/	<=30	Pass
		Edge 1RB Right	22.91	/	/	21.81	/	/	<=30	Pass
		Outer Full	23.00	/	/	21.90	/	/	<=30	Pass
		Inner Full	23.49	/	/	22.39	/	/	<=30	Pass
		Inner 1RB Left	23.51	/	/	22.41	/	/	<=30	Pass
		Inner 1RB Right	23.39	/	/	22.29	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge 1RB Left	22.62	/	/	21.52	/	/	<=30	Pass
		Edge 1RB Right	22.43	/	/	21.33	/	/	<=30	Pass
		Outer Full	22.50	/	/	21.40	/	/	<=30	Pass
		Inner Full	23.52	/	/	22.42	/	/	<=30	Pass
		Inner 1RB Left	23.53	/	/	22.43	/	/	<=30	Pass
		Inner 1RB Right	23.46	/	/	22.36	/	/	<=30	Pass
	3490.02	Edge 1RB Left	22.59	/	/	21.49	/	/	<=30	Pass
		Edge 1RB Right	22.54	/	/	21.44	/	/	<=30	Pass
		Outer Full	22.56	/	/	21.46	/	/	<=30	Pass
		Inner Full	23.55	/	/	22.45	/	/	<=30	Pass
		Inner 1RB Left	23.50	/	/	22.40	/	/	<=30	Pass
		Inner 1RB Right	23.60	/	/	22.50	/	/	<=30	Pass
	3510	Edge 1RB Left	22.54	/	/	21.44	/	/	<=30	Pass
		Edge 1RB Right	22.46	/	/	21.36	/	/	<=30	Pass
		Outer Full	22.51	/	/	21.41	/	/	<=30	Pass
		Inner Full	23.48	/	/	22.38	/	/	<=30	Pass
		Inner 1RB Left	23.59	/	/	22.49	/	/	<=30	Pass
		Inner 1RB Right	23.48	/	/	22.38	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge 1RB Left	21.67	/	/	20.57	/	/	<=30	Pass
		Edge 1RB Right	21.50	/	/	20.40	/	/	<=30	Pass
		Outer Full	21.52	/	/	20.42	/	/	<=30	Pass
		Inner Full	22.54	/	/	21.44	/	/	<=30	Pass
		Inner 1RB Left	22.61	/	/	21.51	/	/	<=30	Pass
		Inner 1RB Right	22.52	/	/	21.42	/	/	<=30	Pass
	3490.02	Edge 1RB Left	21.71	/	/	20.61	/	/	<=30	Pass

		Edge_1RB_Right	21.60	/	/	20.50	/	/	<=30	Pass
		Outer_Full	21.56	/	/	20.46	/	/	<=30	Pass
		Inner_Full	22.57	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Left	22.66	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	21.56	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.63	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	20.50	/	/	<=30	Pass
		Outer_Full	21.51	/	/	20.41	/	/	<=30	Pass
		Inner_Full	22.50	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Left	22.70	/	/	21.60	/	/	<=30	Pass
Inner_1RB_Right	22.60	/	/	21.50	/	/	<=30	Pass		
DFT-s-OFDM 64 QAM	3500.01	Edge_1RB_Left	21.03	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	20.97	/	/	19.87	/	/	<=30	Pass
		Outer_Full	20.98	/	/	19.88	/	/	<=30	Pass
		Inner_Full	21.06	/	/	19.96	/	/	<=30	Pass
		Inner_1RB_Left	20.96	/	/	19.86	/	/	<=30	Pass
		Inner_1RB_Right	20.83	/	/	19.73	/	/	<=30	Pass
	3490.02	Edge_1RB_Left	21.10	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	20.98	/	/	19.88	/	/	<=30	Pass
		Outer_Full	21.04	/	/	19.94	/	/	<=30	Pass
		Inner_Full	21.09	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Left	21.02	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Right	20.97	/	/	19.87	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.03	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	20.94	/	/	19.84	/	/	<=30	Pass
		Outer_Full	21.00	/	/	19.90	/	/	<=30	Pass
		Inner_Full	21.05	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Left	20.95	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Right	21.15	/	/	20.05	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge_1RB_Left	19.15	/	/	18.05	/	/	<=30	Pass
		Edge_1RB_Right	18.94	/	/	17.84	/	/	<=30	Pass
		Outer_Full	19.09	/	/	17.99	/	/	<=30	Pass
		Inner_Full	19.13	/	/	18.03	/	/	<=30	Pass
		Inner_1RB_Left	19.12	/	/	18.02	/	/	<=30	Pass
		Inner_1RB_Right	18.96	/	/	17.86	/	/	<=30	Pass
	3490.02	Edge_1RB_Left	19.14	/	/	18.04	/	/	<=30	Pass
		Edge_1RB_Right	18.94	/	/	17.84	/	/	<=30	Pass
		Outer_Full	19.10	/	/	18.00	/	/	<=30	Pass
		Inner_Full	19.15	/	/	18.05	/	/	<=30	Pass
		Inner_1RB_Left	18.97	/	/	17.87	/	/	<=30	Pass
		Inner_1RB_Right	19.06	/	/	17.96	/	/	<=30	Pass
	3510	Edge_1RB_Left	19.08	/	/	17.98	/	/	<=30	Pass
		Edge_1RB_Right	19.04	/	/	17.94	/	/	<=30	Pass
		Outer_Full	19.09	/	/	17.99	/	/	<=30	Pass
		Inner_Full	19.09	/	/	17.99	/	/	<=30	Pass
		Inner_1RB_Left	19.08	/	/	17.98	/	/	<=30	Pass
		Inner_1RB_Right	19.01	/	/	17.91	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	20.48	/	/	19.38	/	/	<=30	Pass
		Edge_1RB_Right	20.37	/	/	19.27	/	/	<=30	Pass
		Outer_Full	20.54	/	/	19.44	/	/	<=30	Pass
		Inner_Full	21.98	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Left	22.00	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Right	21.98	/	/	20.88	/	/	<=30	Pass
	3490.02	Edge_1RB_Left	20.59	/	/	19.49	/	/	<=30	Pass
		Edge_1RB_Right	20.46	/	/	19.36	/	/	<=30	Pass
		Outer_Full	20.56	/	/	19.46	/	/	<=30	Pass
		Inner_Full	21.97	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Left	22.18	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Right	22.00	/	/	20.90	/	/	<=30	Pass

	3510	Edge_1RB_Left	20.57	/	/	19.47	/	/	<=30	Pass
		Edge_1RB_Right	20.46	/	/	19.36	/	/	<=30	Pass
		Outer_Full	20.55	/	/	19.45	/	/	<=30	Pass
		Inner_Full	21.99	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Left	21.97	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Right	21.93	/	/	20.83	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	20.68	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	20.58	/	/	19.48	/	/	<=30	Pass
		Outer_Full	20.50	/	/	19.40	/	/	<=30	Pass
		Inner_Full	21.51	/	/	20.41	/	/	<=30	Pass
		Inner_1RB_Left	21.69	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Right	21.56	/	/	20.46	/	/	<=30	Pass
	3490.02	Edge_1RB_Left	20.70	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	20.69	/	/	19.59	/	/	<=30	Pass
		Outer_Full	20.55	/	/	19.45	/	/	<=30	Pass
		Inner_Full	21.56	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Left	21.64	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Right	21.69	/	/	20.59	/	/	<=30	Pass
	3510	Edge_1RB_Left	20.68	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	20.60	/	/	19.50	/	/	<=30	Pass
		Outer_Full	20.51	/	/	19.41	/	/	<=30	Pass
		Inner_Full	21.52	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Right	21.54	/	/	20.44	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	20.04	/	/	18.94	/	/	<=30	Pass
		Edge_1RB_Right	19.90	/	/	18.80	/	/	<=30	Pass
		Outer_Full	20.03	/	/	18.93	/	/	<=30	Pass
		Inner_Full	20.05	/	/	18.95	/	/	<=30	Pass
		Inner_1RB_Left	20.00	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Right	19.85	/	/	18.75	/	/	<=30	Pass
	3490.02	Edge_1RB_Left	20.00	/	/	18.90	/	/	<=30	Pass
		Edge_1RB_Right	19.90	/	/	18.80	/	/	<=30	Pass
		Outer_Full	20.05	/	/	18.95	/	/	<=30	Pass
		Inner_Full	20.07	/	/	18.97	/	/	<=30	Pass
		Inner_1RB_Left	20.09	/	/	18.99	/	/	<=30	Pass
		Inner_1RB_Right	20.01	/	/	18.91	/	/	<=30	Pass
	3510	Edge_1RB_Left	20.16	/	/	19.06	/	/	<=30	Pass
		Edge_1RB_Right	19.94	/	/	18.84	/	/	<=30	Pass
		Outer_Full	20.05	/	/	18.95	/	/	<=30	Pass
		Inner_Full	20.01	/	/	18.91	/	/	<=30	Pass
		Inner_1RB_Left	19.99	/	/	18.89	/	/	<=30	Pass
		Inner_1RB_Right	19.95	/	/	18.85	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	17.21	/	/	16.11	/	/	<=30	Pass
		Edge_1RB_Right	17.01	/	/	15.91	/	/	<=30	Pass
		Outer_Full	17.06	/	/	15.96	/	/	<=30	Pass
		Inner_Full	17.08	/	/	15.98	/	/	<=30	Pass
		Inner_1RB_Left	17.21	/	/	16.11	/	/	<=30	Pass
		Inner_1RB_Right	17.06	/	/	15.96	/	/	<=30	Pass
	3490.02	Edge_1RB_Left	17.24	/	/	16.14	/	/	<=30	Pass
		Edge_1RB_Right	17.16	/	/	16.06	/	/	<=30	Pass
		Outer_Full	17.14	/	/	16.04	/	/	<=30	Pass
		Inner_Full	17.13	/	/	16.03	/	/	<=30	Pass
		Inner_1RB_Left	17.20	/	/	16.10	/	/	<=30	Pass
		Inner_1RB_Right	17.20	/	/	16.10	/	/	<=30	Pass
	3510	Edge_1RB_Left	17.23	/	/	16.13	/	/	<=30	Pass
		Edge_1RB_Right	17.04	/	/	15.94	/	/	<=30	Pass
		Outer_Full	17.09	/	/	15.99	/	/	<=30	Pass
		Inner_Full	17.02	/	/	15.92	/	/	<=30	Pass
		Inner_1RB_Left	17.23	/	/	16.13	/	/	<=30	Pass

		Inner 1RB Right	17.08	/	/	15.98	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.11 30k_SISO_90MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 90MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge 1RB Left	23.03	/	/	21.93	/	/	<=30	Pass
		Edge 1RB Right	22.83	/	/	21.73	/	/	<=30	Pass
		Outer Full	23.01	/	/	21.91	/	/	<=30	Pass
		Inner Full	23.52	/	/	22.42	/	/	<=30	Pass
		Inner 1RB Left	23.53	/	/	22.43	/	/	<=30	Pass
		Inner 1RB Right	23.36	/	/	22.26	/	/	<=30	Pass
	3495	Edge 1RB Left	22.97	/	/	21.87	/	/	<=30	Pass
		Edge 1RB Right	22.91	/	/	21.81	/	/	<=30	Pass
		Outer Full	22.97	/	/	21.87	/	/	<=30	Pass
		Inner Full	23.47	/	/	22.37	/	/	<=30	Pass
		Inner 1RB Left	23.42	/	/	22.32	/	/	<=30	Pass
		Inner 1RB Right	23.41	/	/	22.31	/	/	<=30	Pass
	3504.99	Edge 1RB Left	23.04	/	/	21.94	/	/	<=30	Pass
		Edge 1RB Right	22.80	/	/	21.70	/	/	<=30	Pass
		Outer Full	23.05	/	/	21.95	/	/	<=30	Pass
		Inner Full	23.59	/	/	22.49	/	/	<=30	Pass
		Inner 1RB Left	23.49	/	/	22.39	/	/	<=30	Pass
		Inner 1RB Right	23.31	/	/	22.21	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge 1RB Left	22.58	/	/	21.48	/	/	<=30	Pass
		Edge 1RB Right	22.39	/	/	21.29	/	/	<=30	Pass
		Outer Full	22.52	/	/	21.42	/	/	<=30	Pass
		Inner Full	23.52	/	/	22.42	/	/	<=30	Pass
		Inner 1RB Left	23.57	/	/	22.47	/	/	<=30	Pass
		Inner 1RB Right	23.41	/	/	22.31	/	/	<=30	Pass
	3495	Edge 1RB Left	22.51	/	/	21.41	/	/	<=30	Pass
		Edge 1RB Right	22.47	/	/	21.37	/	/	<=30	Pass
		Outer Full	22.46	/	/	21.36	/	/	<=30	Pass
		Inner Full	23.48	/	/	22.38	/	/	<=30	Pass
		Inner 1RB Left	23.51	/	/	22.41	/	/	<=30	Pass
		Inner 1RB Right	23.43	/	/	22.33	/	/	<=30	Pass
	3504.99	Edge 1RB Left	22.58	/	/	21.48	/	/	<=30	Pass
		Edge 1RB Right	22.34	/	/	21.24	/	/	<=30	Pass
		Outer Full	22.56	/	/	21.46	/	/	<=30	Pass
		Inner Full	23.62	/	/	22.52	/	/	<=30	Pass
		Inner 1RB Left	23.49	/	/	22.39	/	/	<=30	Pass
		Inner 1RB Right	23.42	/	/	22.32	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge 1RB Left	21.69	/	/	20.59	/	/	<=30	Pass
		Edge 1RB Right	21.48	/	/	20.38	/	/	<=30	Pass
		Outer Full	21.53	/	/	20.43	/	/	<=30	Pass
		Inner Full	22.55	/	/	21.45	/	/	<=30	Pass
		Inner 1RB Left	22.64	/	/	21.54	/	/	<=30	Pass
		Inner 1RB Right	22.45	/	/	21.35	/	/	<=30	Pass
	3495	Edge 1RB Left	21.64	/	/	20.54	/	/	<=30	Pass
		Edge 1RB Right	21.61	/	/	20.51	/	/	<=30	Pass
		Outer Full	21.50	/	/	20.40	/	/	<=30	Pass
		Inner Full	22.50	/	/	21.40	/	/	<=30	Pass
		Inner 1RB Left	22.57	/	/	21.47	/	/	<=30	Pass
		Inner 1RB Right	22.56	/	/	21.46	/	/	<=30	Pass
	3504.99	Edge 1RB Left	21.73	/	/	20.63	/	/	<=30	Pass

		Edge 1RB Right	21.52	/	/	20.42	/	/	<=30	Pass
		Outer Full	21.58	/	/	20.48	/	/	<=30	Pass
		Inner Full	22.63	/	/	21.53	/	/	<=30	Pass
		Inner 1RB Left	22.71	/	/	21.61	/	/	<=30	Pass
		Inner 1RB Right	22.46	/	/	21.36	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge 1RB Left	21.00	/	/	19.90	/	/	<=30	Pass
		Edge 1RB Right	21.08	/	/	19.98	/	/	<=30	Pass
		Outer Full	21.06	/	/	19.96	/	/	<=30	Pass
		Inner Full	21.10	/	/	20.00	/	/	<=30	Pass
		Inner 1RB Left	20.95	/	/	19.85	/	/	<=30	Pass
		Inner 1RB Right	20.76	/	/	19.66	/	/	<=30	Pass
	3495	Edge 1RB Left	20.93	/	/	19.83	/	/	<=30	Pass
		Edge 1RB Right	20.97	/	/	19.87	/	/	<=30	Pass
		Outer Full	21.00	/	/	19.90	/	/	<=30	Pass
		Inner Full	21.02	/	/	19.92	/	/	<=30	Pass
		Inner 1RB Left	21.01	/	/	19.91	/	/	<=30	Pass
		Inner 1RB Right	20.84	/	/	19.74	/	/	<=30	Pass
	3504.99	Edge 1RB Left	21.02	/	/	19.92	/	/	<=30	Pass
		Edge 1RB Right	20.76	/	/	19.66	/	/	<=30	Pass
		Outer Full	21.10	/	/	20.00	/	/	<=30	Pass
		Inner Full	21.13	/	/	20.03	/	/	<=30	Pass
		Inner 1RB Left	21.05	/	/	19.95	/	/	<=30	Pass
		Inner 1RB Right	20.83	/	/	19.73	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge 1RB Left	19.08	/	/	17.98	/	/	<=30	Pass
		Edge 1RB Right	18.84	/	/	17.74	/	/	<=30	Pass
		Outer Full	19.10	/	/	18.00	/	/	<=30	Pass
		Inner Full	19.12	/	/	18.02	/	/	<=30	Pass
		Inner 1RB Left	19.13	/	/	18.03	/	/	<=30	Pass
		Inner 1RB Right	18.88	/	/	17.78	/	/	<=30	Pass
	3495	Edge 1RB Left	18.99	/	/	17.89	/	/	<=30	Pass
		Edge 1RB Right	18.95	/	/	17.85	/	/	<=30	Pass
		Outer Full	19.05	/	/	17.95	/	/	<=30	Pass
		Inner Full	19.06	/	/	17.96	/	/	<=30	Pass
		Inner 1RB Left	18.99	/	/	17.89	/	/	<=30	Pass
		Inner 1RB Right	18.92	/	/	17.82	/	/	<=30	Pass
	3504.99	Edge 1RB Left	19.11	/	/	18.01	/	/	<=30	Pass
		Edge 1RB Right	18.89	/	/	17.79	/	/	<=30	Pass
		Outer Full	19.13	/	/	18.03	/	/	<=30	Pass
		Inner Full	19.20	/	/	18.10	/	/	<=30	Pass
		Inner 1RB Left	19.15	/	/	18.05	/	/	<=30	Pass
		Inner 1RB Right	18.88	/	/	17.78	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge 1RB Left	20.51	/	/	19.41	/	/	<=30	Pass
		Edge 1RB Right	20.33	/	/	19.23	/	/	<=30	Pass
		Outer Full	20.53	/	/	19.43	/	/	<=30	Pass
		Inner Full	21.99	/	/	20.89	/	/	<=30	Pass
		Inner 1RB Left	21.95	/	/	20.85	/	/	<=30	Pass
		Inner 1RB Right	21.85	/	/	20.75	/	/	<=30	Pass
	3495	Edge 1RB Left	20.48	/	/	19.38	/	/	<=30	Pass
		Edge 1RB Right	20.48	/	/	19.38	/	/	<=30	Pass
		Outer Full	20.51	/	/	19.41	/	/	<=30	Pass
		Inner Full	21.93	/	/	20.83	/	/	<=30	Pass
		Inner 1RB Left	21.91	/	/	20.81	/	/	<=30	Pass
		Inner 1RB Right	21.86	/	/	20.76	/	/	<=30	Pass
	3504.99	Edge 1RB Left	20.64	/	/	19.54	/	/	<=30	Pass
		Edge 1RB Right	20.30	/	/	19.20	/	/	<=30	Pass
		Outer Full	20.56	/	/	19.46	/	/	<=30	Pass
		Inner Full	22.07	/	/	20.97	/	/	<=30	Pass
		Inner 1RB Left	22.16	/	/	21.06	/	/	<=30	Pass
		Inner 1RB Right	21.84	/	/	20.74	/	/	<=30	Pass

CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	20.59	/	/	19.49	/	/	<=30	Pass
		Edge_1RB_Right	20.49	/	/	19.39	/	/	<=30	Pass
		Outer_Full	20.49	/	/	19.39	/	/	<=30	Pass
		Inner_Full	21.46	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Right	21.48	/	/	20.38	/	/	<=30	Pass
	3495	Edge_1RB_Left	20.60	/	/	19.50	/	/	<=30	Pass
		Edge_1RB_Right	20.58	/	/	19.48	/	/	<=30	Pass
		Outer_Full	20.44	/	/	19.34	/	/	<=30	Pass
		Inner_Full	21.43	/	/	20.33	/	/	<=30	Pass
		Inner_1RB_Left	21.41	/	/	20.31	/	/	<=30	Pass
		Inner_1RB_Right	21.35	/	/	20.25	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	20.69	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	20.51	/	/	19.41	/	/	<=30	Pass
		Outer_Full	20.54	/	/	19.44	/	/	<=30	Pass
		Inner_Full	21.58	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	21.70	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Right	21.45	/	/	20.35	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	20.01	/	/	18.91	/	/	<=30	Pass
		Edge_1RB_Right	19.83	/	/	18.73	/	/	<=30	Pass
		Outer_Full	20.00	/	/	18.90	/	/	<=30	Pass
		Inner_Full	20.04	/	/	18.94	/	/	<=30	Pass
		Inner_1RB_Left	19.98	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Right	19.76	/	/	18.66	/	/	<=30	Pass
	3495	Edge_1RB_Left	19.95	/	/	18.85	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	18.79	/	/	<=30	Pass
		Outer_Full	19.96	/	/	18.86	/	/	<=30	Pass
		Inner_Full	19.96	/	/	18.86	/	/	<=30	Pass
		Inner_1RB_Left	19.98	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Right	19.88	/	/	18.78	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	19.98	/	/	18.88	/	/	<=30	Pass
		Edge_1RB_Right	19.82	/	/	18.72	/	/	<=30	Pass
		Outer_Full	20.03	/	/	18.93	/	/	<=30	Pass
		Inner_Full	20.10	/	/	19.00	/	/	<=30	Pass
		Inner_1RB_Left	20.23	/	/	19.13	/	/	<=30	Pass
		Inner_1RB_Right	19.77	/	/	18.67	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	17.19	/	/	16.09	/	/	<=30	Pass
		Edge_1RB_Right	17.03	/	/	15.93	/	/	<=30	Pass
		Outer_Full	17.06	/	/	15.96	/	/	<=30	Pass
		Inner_Full	17.08	/	/	15.98	/	/	<=30	Pass
		Inner_1RB_Left	17.17	/	/	16.07	/	/	<=30	Pass
		Inner_1RB_Right	17.01	/	/	15.91	/	/	<=30	Pass
	3495	Edge_1RB_Left	17.14	/	/	16.04	/	/	<=30	Pass
		Edge_1RB_Right	17.10	/	/	16.00	/	/	<=30	Pass
		Outer_Full	17.05	/	/	15.95	/	/	<=30	Pass
		Inner_Full	17.01	/	/	15.91	/	/	<=30	Pass
		Inner_1RB_Left	17.13	/	/	16.03	/	/	<=30	Pass
		Inner_1RB_Right	17.09	/	/	15.99	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	17.21	/	/	16.11	/	/	<=30	Pass
		Edge_1RB_Right	17.00	/	/	15.90	/	/	<=30	Pass
		Outer_Full	17.13	/	/	16.03	/	/	<=30	Pass
		Inner_Full	17.18	/	/	16.08	/	/	<=30	Pass
		Inner_1RB_Left	17.20	/	/	16.10	/	/	<=30	Pass
		Inner_1RB_Right	17.01	/	/	15.91	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; 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
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge_1RB_Left	22.96	/	/	21.86	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	21.75	/	/	<=30	Pass
		Outer_Full	23.01	/	/	21.91	/	/	<=30	Pass
		Inner_Full	23.54	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	22.25	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.95	/	/	21.85	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	21.74	/	/	<=30	Pass
		Outer_Full	23.02	/	/	21.92	/	/	<=30	Pass
		Inner_Full	23.50	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	23.43	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Right	23.34	/	/	22.24	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	22.91	/	/	21.81	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	21.71	/	/	<=30	Pass
		Outer_Full	22.99	/	/	21.89	/	/	<=30	Pass
		Inner_Full	23.50	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	23.43	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	22.22	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge_1RB_Left	22.48	/	/	21.38	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	21.30	/	/	<=30	Pass
		Outer_Full	22.55	/	/	21.45	/	/	<=30	Pass
		Inner_Full	23.52	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Left	23.49	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	22.33	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.45	/	/	21.35	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	21.29	/	/	<=30	Pass
		Outer_Full	22.52	/	/	21.42	/	/	<=30	Pass
		Inner_Full	23.54	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	23.48	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	22.36	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	22.46	/	/	21.36	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	21.30	/	/	<=30	Pass
		Outer_Full	22.50	/	/	21.40	/	/	<=30	Pass
		Inner_Full	23.50	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Right	23.47	/	/	22.37	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge_1RB_Left	21.60	/	/	20.50	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	20.42	/	/	<=30	Pass
		Outer_Full	21.52	/	/	20.42	/	/	<=30	Pass
		Inner_Full	22.54	/	/	21.44	/	/	<=30	Pass
		Inner_1RB_Left	22.62	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Right	22.54	/	/	21.44	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.64	/	/	20.54	/	/	<=30	Pass
		Edge_1RB_Right	21.45	/	/	20.35	/	/	<=30	Pass
		Outer_Full	21.53	/	/	20.43	/	/	<=30	Pass
		Inner_Full	22.53	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Left	22.60	/	/	21.50	/	/	<=30	Pass
		Inner_1RB_Right	22.46	/	/	21.36	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	21.57	/	/	20.47	/	/	<=30	Pass
		Edge_1RB_Right	21.48	/	/	20.38	/	/	<=30	Pass
		Outer_Full	21.52	/	/	20.42	/	/	<=30	Pass
		Inner_Full	22.50	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Left	22.55	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	21.39	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge_1RB_Left	21.03	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	20.85	/	/	19.75	/	/	<=30	Pass

		Outer_Full	21.06	/	/	19.96	/	/	<=30	Pass
		Inner_Full	21.08	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Left	20.99	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Right	20.84	/	/	19.74	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.00	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	20.90	/	/	19.80	/	/	<=30	Pass
		Outer_Full	21.04	/	/	19.94	/	/	<=30	Pass
		Inner_Full	21.07	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Left	20.95	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Right	20.82	/	/	19.72	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	21.01	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	20.88	/	/	19.78	/	/	<=30	Pass
		Outer_Full	21.02	/	/	19.92	/	/	<=30	Pass
		Inner_Full	21.07	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Left	20.98	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Right	20.85	/	/	19.75	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge_1RB_Left	19.01	/	/	17.91	/	/	<=30	Pass
		Edge_1RB_Right	18.90	/	/	17.80	/	/	<=30	Pass
		Outer_Full	19.13	/	/	18.03	/	/	<=30	Pass
		Inner_Full	19.12	/	/	18.02	/	/	<=30	Pass
		Inner_1RB_Left	19.03	/	/	17.93	/	/	<=30	Pass
		Inner_1RB_Right	18.92	/	/	17.82	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.99	/	/	17.89	/	/	<=30	Pass
		Edge_1RB_Right	18.92	/	/	17.82	/	/	<=30	Pass
		Outer_Full	19.11	/	/	18.01	/	/	<=30	Pass
		Inner_Full	19.13	/	/	18.03	/	/	<=30	Pass
		Inner_1RB_Left	19.01	/	/	17.91	/	/	<=30	Pass
		Inner_1RB_Right	18.93	/	/	17.83	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	19.03	/	/	17.93	/	/	<=30	Pass
		Edge_1RB_Right	18.92	/	/	17.82	/	/	<=30	Pass
		Outer_Full	19.11	/	/	18.01	/	/	<=30	Pass
		Inner_Full	19.09	/	/	17.99	/	/	<=30	Pass
		Inner_1RB_Left	19.06	/	/	17.96	/	/	<=30	Pass
		Inner_1RB_Right	18.91	/	/	17.81	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	20.52	/	/	19.42	/	/	<=30	Pass
		Edge_1RB_Right	20.39	/	/	19.29	/	/	<=30	Pass
		Outer_Full	20.56	/	/	19.46	/	/	<=30	Pass
		Inner_Full	21.97	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Left	21.95	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	20.77	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.48	/	/	19.38	/	/	<=30	Pass
		Edge_1RB_Right	20.37	/	/	19.27	/	/	<=30	Pass
		Outer_Full	20.53	/	/	19.43	/	/	<=30	Pass
		Inner_Full	21.96	/	/	20.86	/	/	<=30	Pass
		Inner_1RB_Left	21.92	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	21.84	/	/	20.74	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	20.43	/	/	19.33	/	/	<=30	Pass
		Edge_1RB_Right	20.34	/	/	19.24	/	/	<=30	Pass
		Outer_Full	20.51	/	/	19.41	/	/	<=30	Pass
		Inner_Full	21.94	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Left	22.00	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Right	21.83	/	/	20.73	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	20.65	/	/	19.55	/	/	<=30	Pass
		Edge_1RB_Right	20.45	/	/	19.35	/	/	<=30	Pass
		Outer_Full	20.55	/	/	19.45	/	/	<=30	Pass
		Inner_Full	21.48	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Right	21.44	/	/	20.34	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.57	/	/	19.47	/	/	<=30	Pass

		Edge 1RB Right	20.44	/	/	19.34	/	/	<=30	Pass
		Outer Full	20.54	/	/	19.44	/	/	<=30	Pass
		Inner Full	21.50	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Left	21.51	/	/	20.41	/	/	<=30	Pass
		Inner 1RB Right	21.42	/	/	20.32	/	/	<=30	Pass
	3499.98	Edge 1RB Left	20.53	/	/	19.43	/	/	<=30	Pass
		Edge 1RB Right	20.56	/	/	19.46	/	/	<=30	Pass
		Outer Full	20.49	/	/	19.39	/	/	<=30	Pass
		Inner Full	21.48	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Left	21.58	/	/	20.48	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Inner_1RB_Right	21.42	/	/	20.32	/	/	<=30	Pass
		Edge 1RB Left	20.07	/	/	18.97	/	/	<=30	Pass
		Edge 1RB Right	19.92	/	/	18.82	/	/	<=30	Pass
		Outer Full	20.01	/	/	18.91	/	/	<=30	Pass
		Inner Full	20.04	/	/	18.94	/	/	<=30	Pass
		Inner_1RB_Left	20.02	/	/	18.92	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	19.88	/	/	18.78	/	/	<=30	Pass
		Edge 1RB Left	20.01	/	/	18.91	/	/	<=30	Pass
		Edge 1RB Right	19.90	/	/	18.80	/	/	<=30	Pass
		Outer Full	20.02	/	/	18.92	/	/	<=30	Pass
Inner Full		20.05	/	/	18.95	/	/	<=30	Pass	
Inner_1RB_Left		19.99	/	/	18.89	/	/	<=30	Pass	
3499.98	Inner_1RB_Right	19.84	/	/	18.74	/	/	<=30	Pass	
	Edge 1RB Left	19.93	/	/	18.83	/	/	<=30	Pass	
	Edge 1RB Right	19.87	/	/	18.77	/	/	<=30	Pass	
	Outer Full	19.97	/	/	18.87	/	/	<=30	Pass	
	Inner Full	19.98	/	/	18.88	/	/	<=30	Pass	
	Inner_1RB_Left	19.94	/	/	18.84	/	/	<=30	Pass	
CP-OFDM 256 QAM	3500.01	Inner_1RB_Right	19.82	/	/	18.72	/	/	<=30	Pass
		Edge 1RB Left	17.10	/	/	16.00	/	/	<=30	Pass
		Edge 1RB Right	16.99	/	/	15.89	/	/	<=30	Pass
		Outer Full	17.11	/	/	16.01	/	/	<=30	Pass
		Inner Full	17.10	/	/	16.00	/	/	<=30	Pass
		Inner_1RB_Left	17.12	/	/	16.02	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	17.05	/	/	15.95	/	/	<=30	Pass
		Edge 1RB Left	17.13	/	/	16.03	/	/	<=30	Pass
		Edge 1RB Right	16.99	/	/	15.89	/	/	<=30	Pass
		Outer Full	17.12	/	/	16.02	/	/	<=30	Pass
Inner Full		17.12	/	/	16.02	/	/	<=30	Pass	
Inner_1RB_Left		17.11	/	/	16.01	/	/	<=30	Pass	
3499.98	Inner_1RB_Right	17.01	/	/	15.91	/	/	<=30	Pass	
	Edge 1RB Left	17.02	/	/	15.92	/	/	<=30	Pass	
	Edge 1RB Right	17.02	/	/	15.92	/	/	<=30	Pass	
	Outer Full	17.09	/	/	15.99	/	/	<=30	Pass	
	Inner Full	17.09	/	/	15.99	/	/	<=30	Pass	
	Inner_1RB_Left	17.05	/	/	15.95	/	/	<=30	Pass	
	Inner_1RB_Right	16.97	/	/	15.87	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant2: -1.10dBi; 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 QPSK	3500.01	Outer_Full	20	LV	-5.20	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-12.70	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-5.50	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-3.00	-0.0009	>=-2.5 & <=2.5	Pass
50	NV	-9.00	-0.0026	>=-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 NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	8.73	9.64	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	8.69	9.59	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	8.68	9.51	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	8.69	9.58	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	8.64	9.46	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	8.67	9.55	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	8.68	9.55	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	8.68	9.63	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	8.74	9.51	/	Pass

3.1.2 30k_SISO_15MHz_NTNV

5G NR n78e SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	13.06	14.09	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	13.07	14.14	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	13.04	14.20	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	13.14	14.23	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	13.01	14.20	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	13.70	14.88	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	13.72	14.98	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	13.83	14.97	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	13.75	14.90	/	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	3500.01	Outer_Full	18.21	19.47	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	18.10	19.46	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	18.14	19.48	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	18.12	19.52	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	18.00	19.39	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	18.38	19.79	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	18.47	19.85	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	18.42	19.77	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	18.41	19.82	/	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	3500.01	Outer_Full	23.17	24.80	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	23.13	24.82	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	23.02	24.78	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	23.09	24.71	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	23.02	24.73	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	23.38	25.05	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	23.41	25.00	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	23.50	25.11	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	23.39	25.07	/	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	3500.01	Outer_Full	27.16	29.08	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	27.06	29.23	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	27.08	29.20	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	27.05	29.17	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	27.00	29.28	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	28.01	30.18	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	28.09	30.16	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	28.06	30.06	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	28.04	30.11	/	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	3500.01	Outer_Full	36.10	38.66	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	36.00	38.69	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	35.99	38.64	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	36.01	38.79	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	35.96	38.70	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	38.15	40.80	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	38.06	40.74	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	38.15	40.72	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	38.02	40.82	/	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	3500.01	Outer_Full	46.07	49.28	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	46.14	49.47	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	45.94	49.42	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	46.13	49.35	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	46.06	49.27	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	47.80	51.24	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	47.69	51.12	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	47.84	51.25	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	47.74	51.06	/	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	3500.01	Outer_Full	58.41	62.25	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	58.23	62.27	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	58.09	62.22	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	58.25	62.39	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	58.12	62.17	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	58.05	62.17	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	58.13	62.21	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	58.22	62.11	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	58.14	62.29	/	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	3500.01	Outer_Full	64.92	69.65	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	64.85	69.58	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	64.79	69.41	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	64.74	69.58	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	64.71	69.41	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	68.02	72.90	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	67.95	72.50	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	67.89	72.64	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	67.88	72.74	/	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	3500.01	Outer_Full	77.80	82.69	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	77.56	83.16	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	77.53	82.46	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	77.91	82.58	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	77.33	82.34	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	77.89	83.08	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	77.82	83.14	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	78.10	83.07	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	77.77	83.08	/	Pass

3.1.11 30k_SISO_90MHz_NTNV

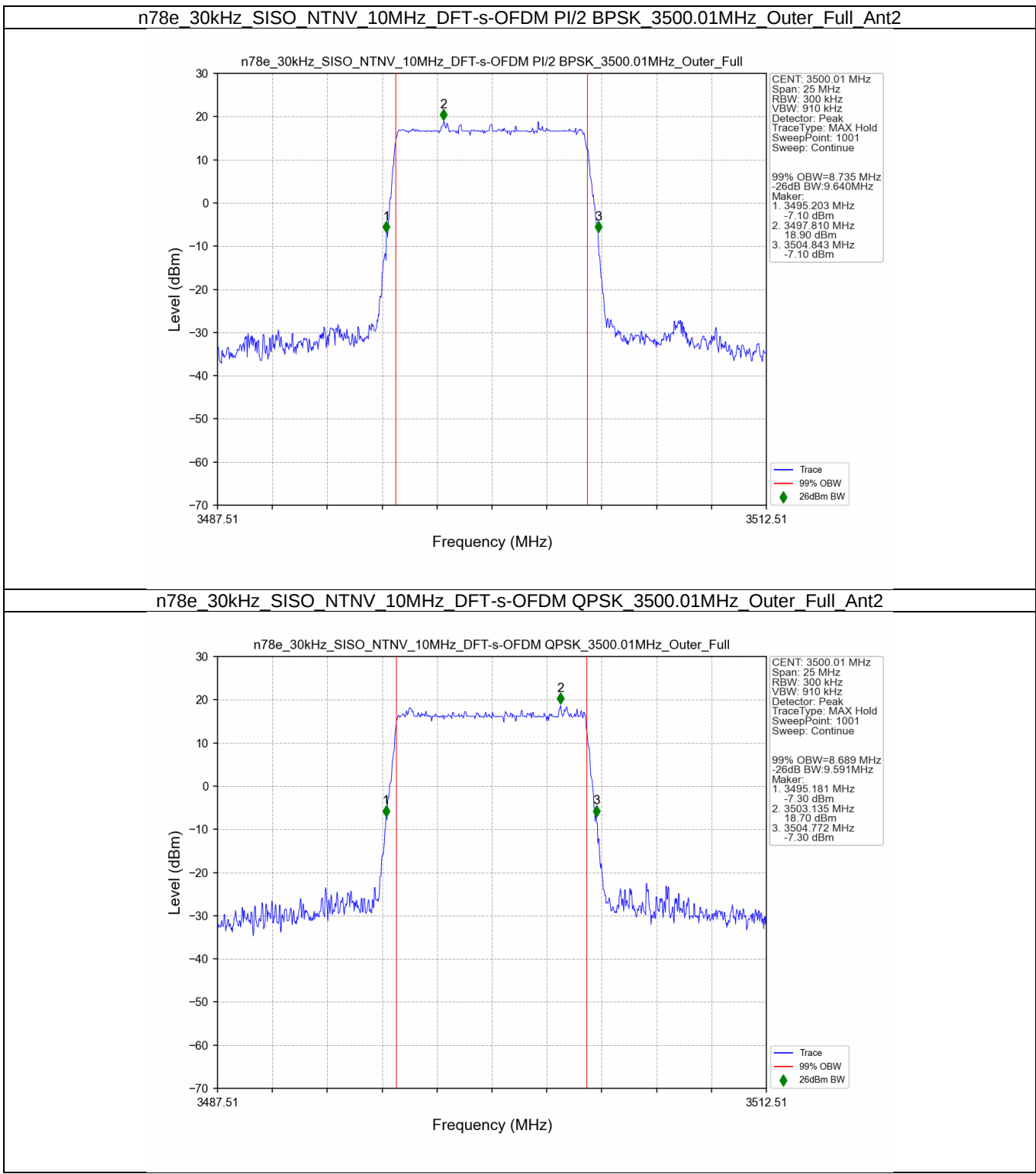
5G NR n78e SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	87.20	92.86	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	87.19	92.87	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	87.06	92.86	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	86.78	92.86	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	87.37	92.77	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	87.88	93.61	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	87.80	93.60	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	87.96	93.47	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	87.95	93.70	/	Pass

3.1.12 30k_SISO_100MHz_NTNV

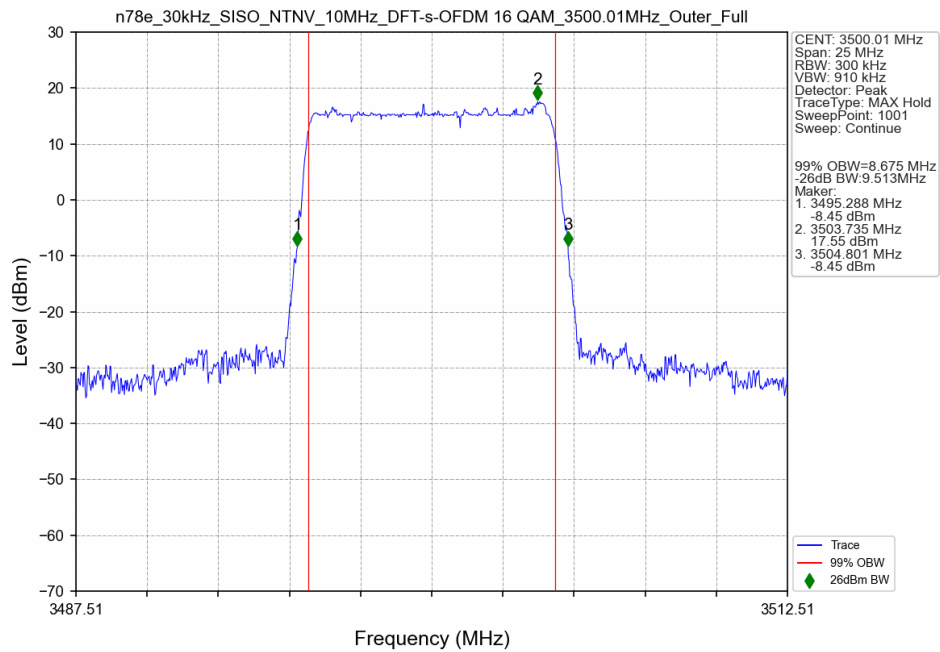
5G NR n78e SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	96.78	103.56	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	97.02	103.56	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	96.93	103.36	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	96.56	103.60	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	97.04	103.31	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	98.05	104.23	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	97.83	104.53	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	97.86	104.77	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	97.87	104.62	/	Pass

3.2 Test Graph

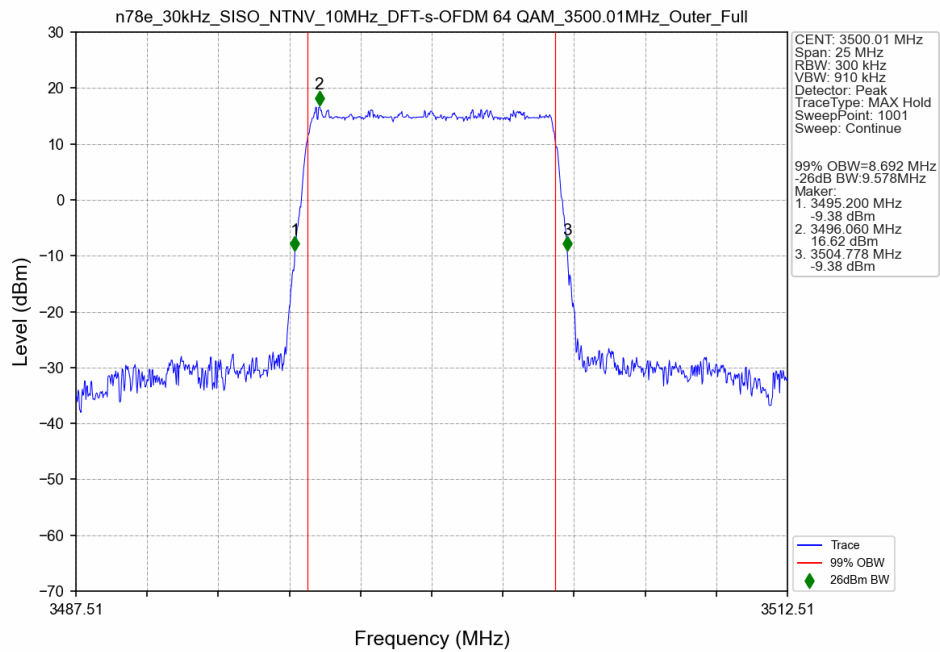
3.2.1 30k_SISO_10MHz_NTNV



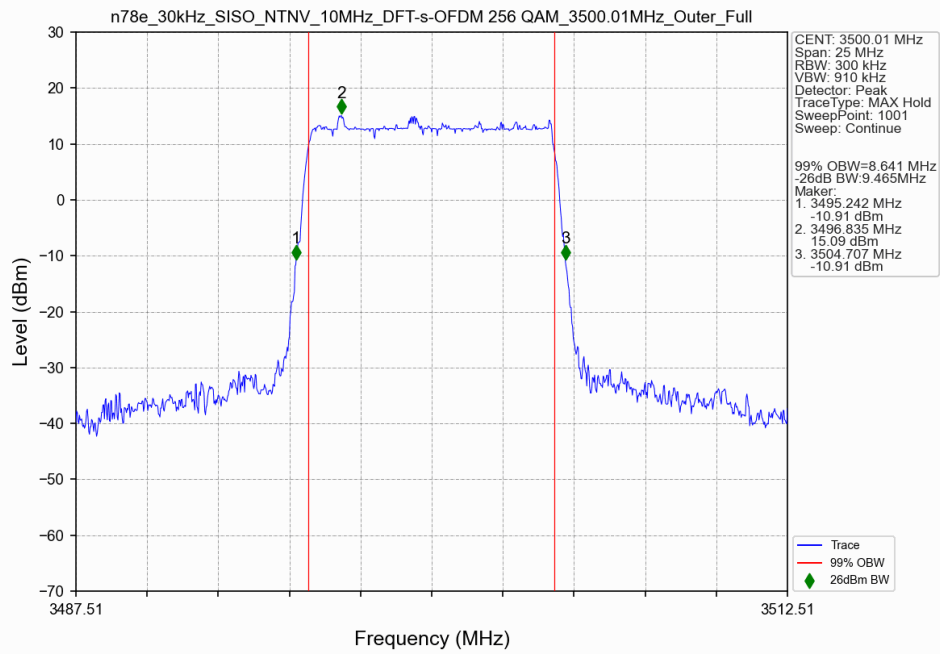
n78e 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant2



n78e 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant2



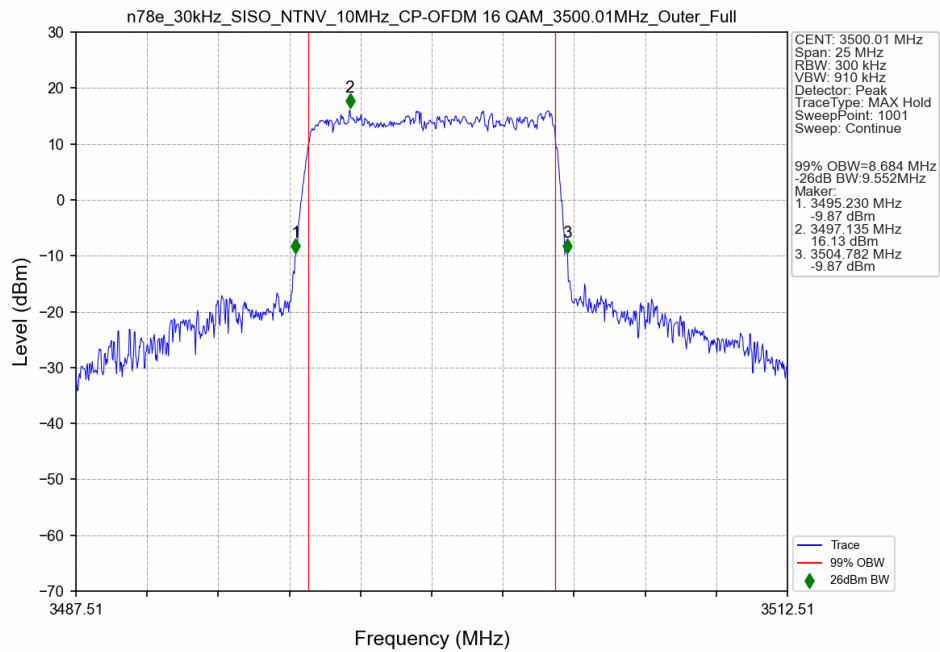
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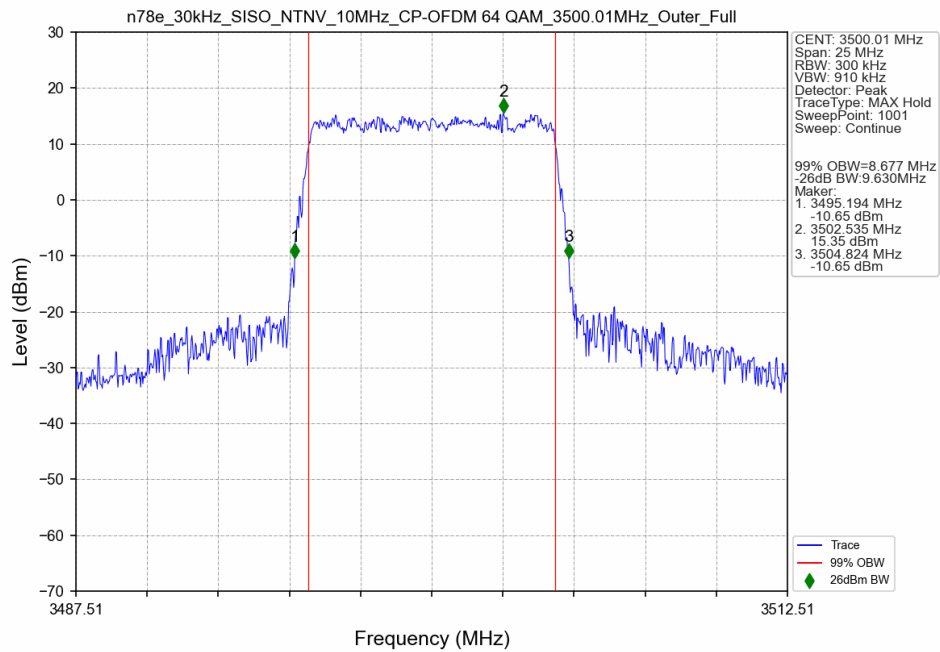
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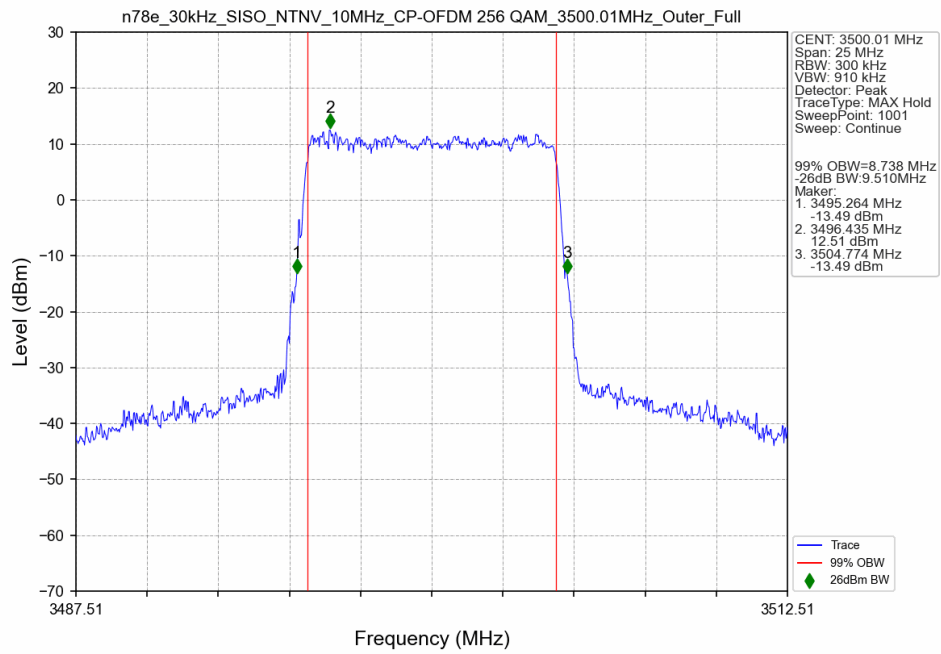
n78e 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 3500.01MHz Outer Full Ant2



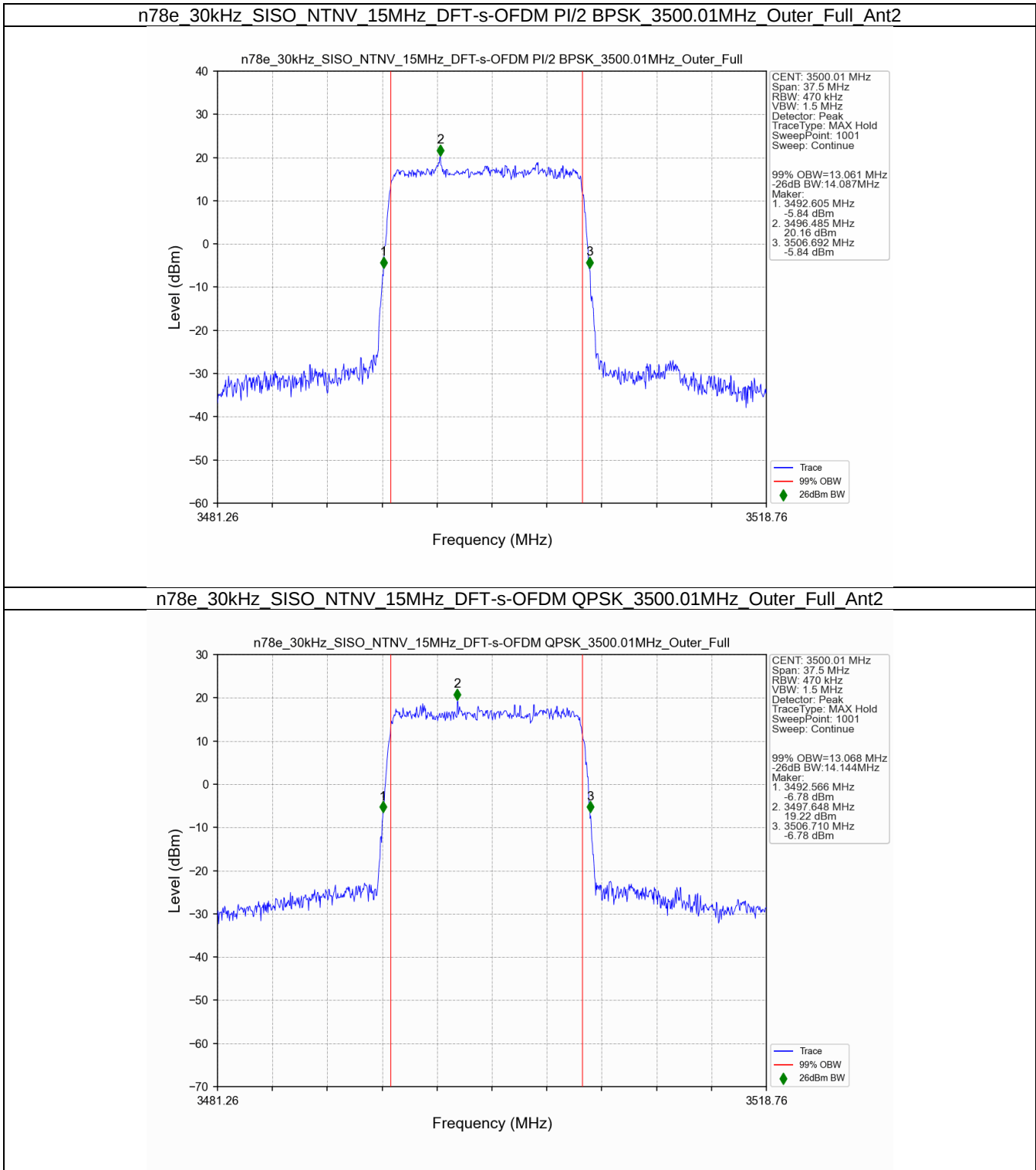
n78e 30kHz SISO NTN 10MHz CP-OFDM 64 QAM 3500.01MHz Outer Full Ant2



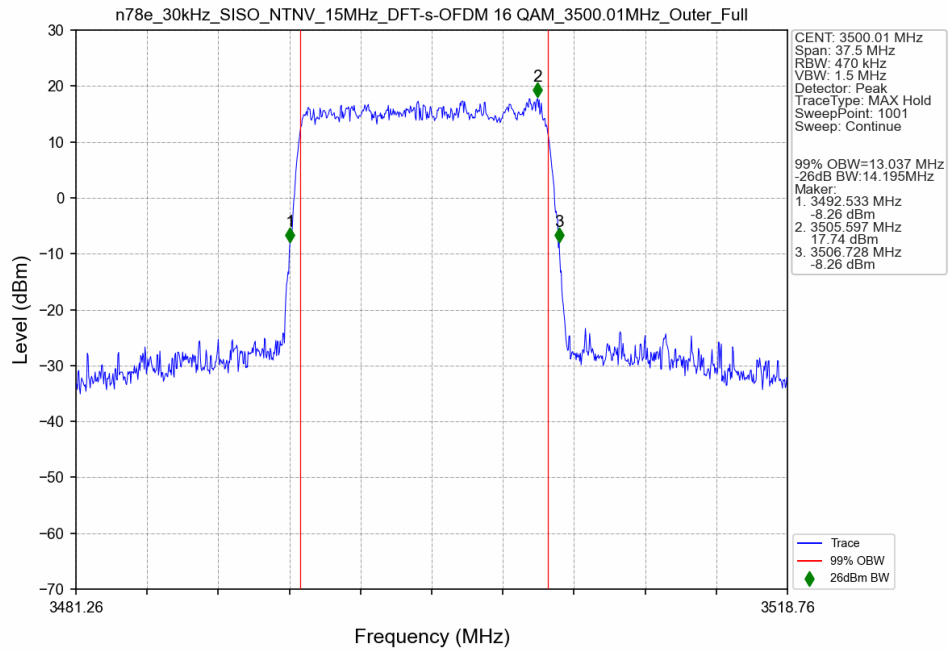
n78e 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant2



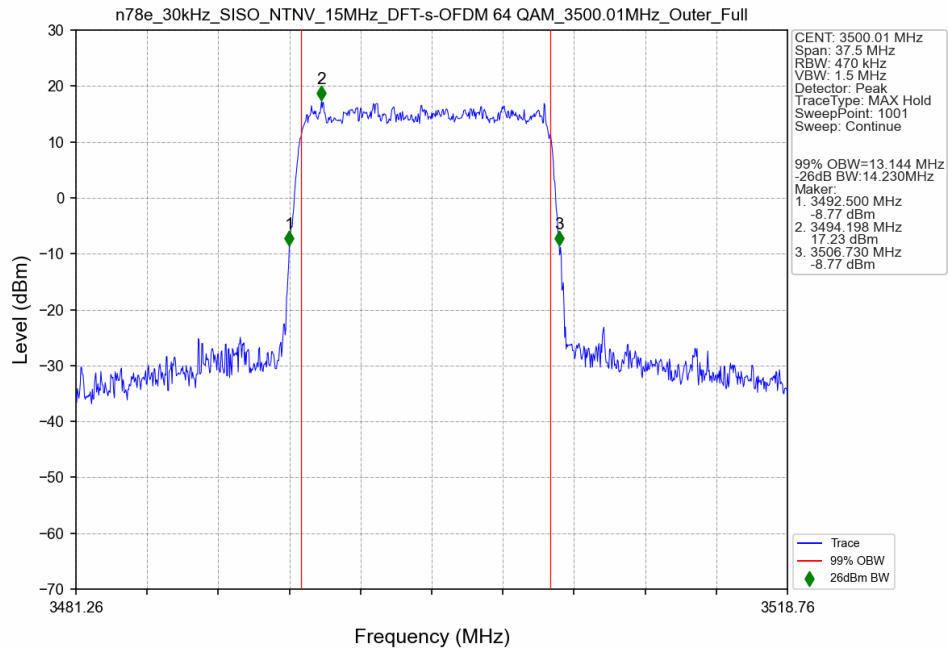
3.2.2 30k_SISO_15MHz_NTNV



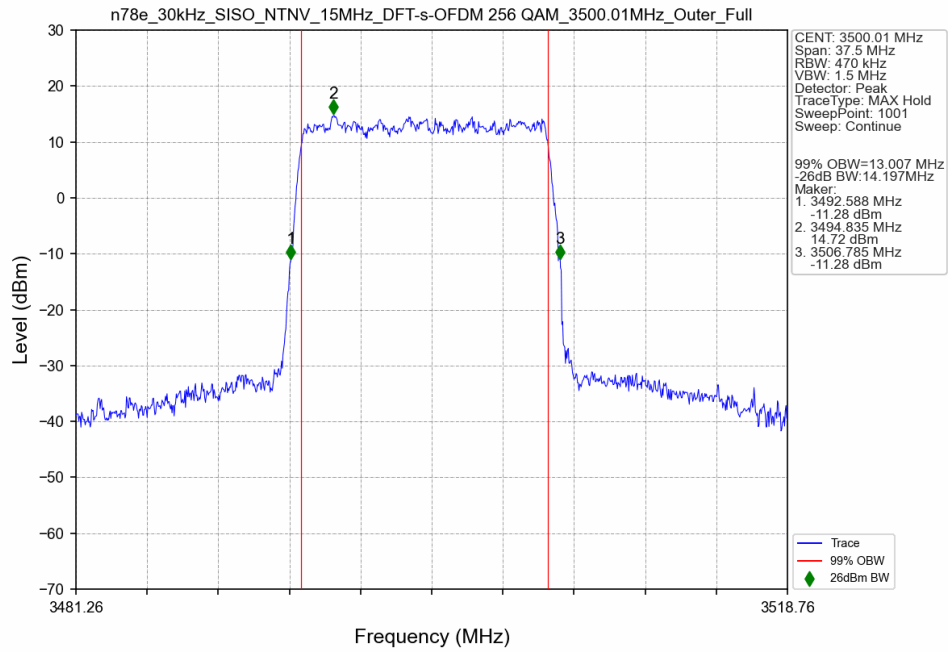
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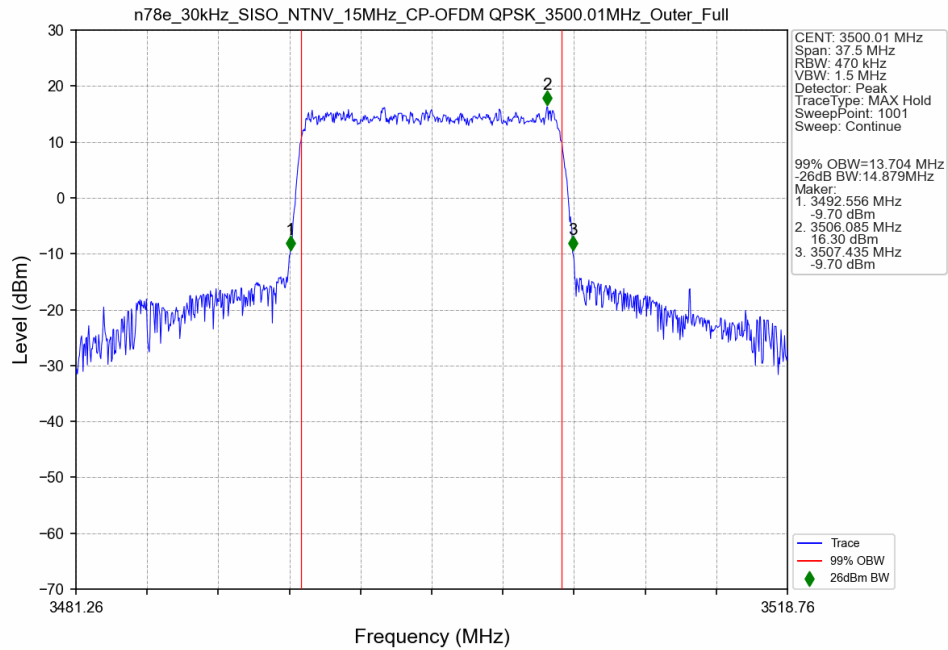
n78e 30kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant2



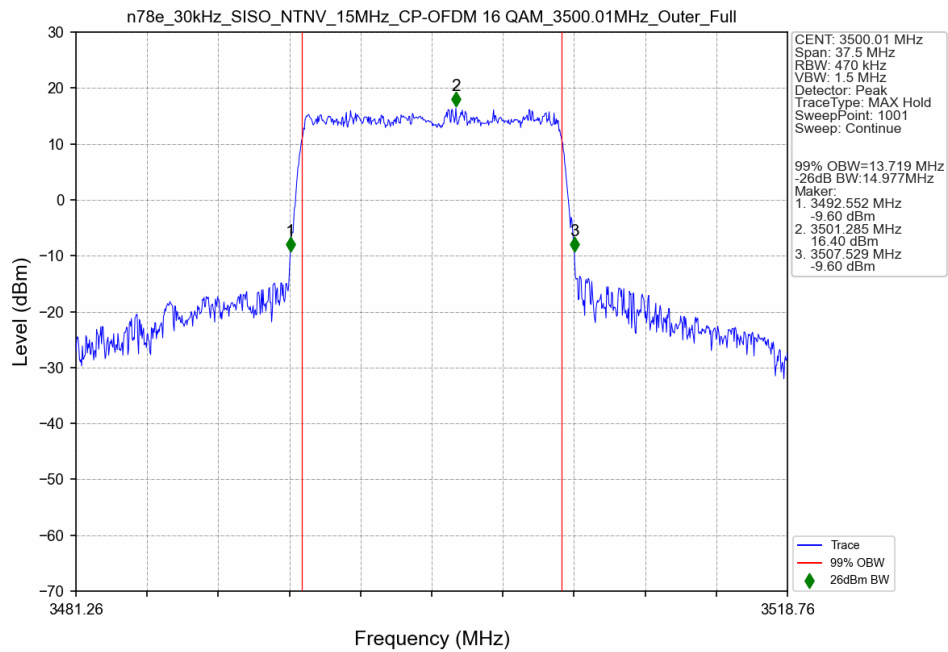
n78e 30kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant2



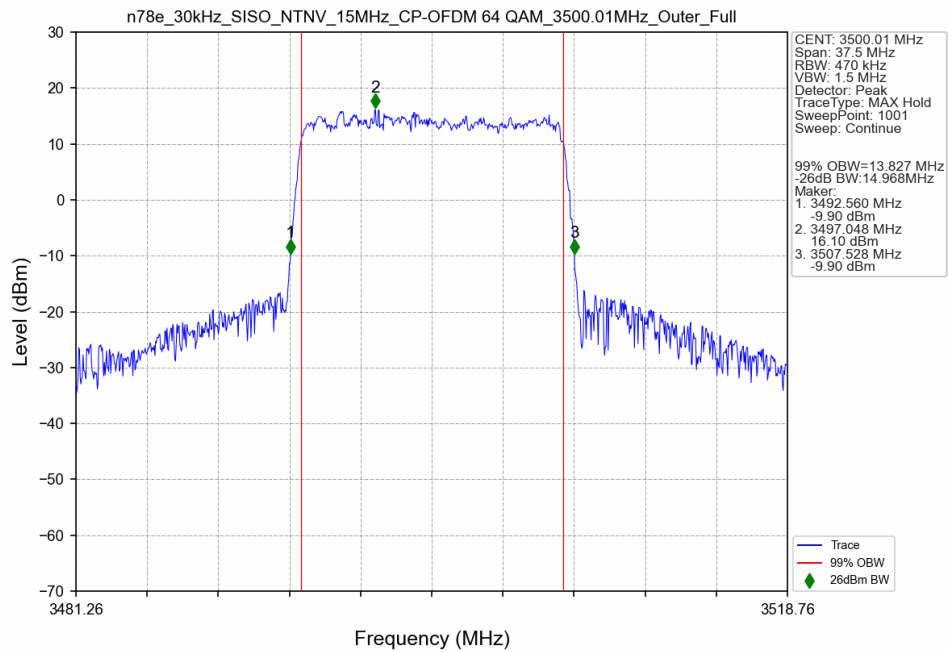
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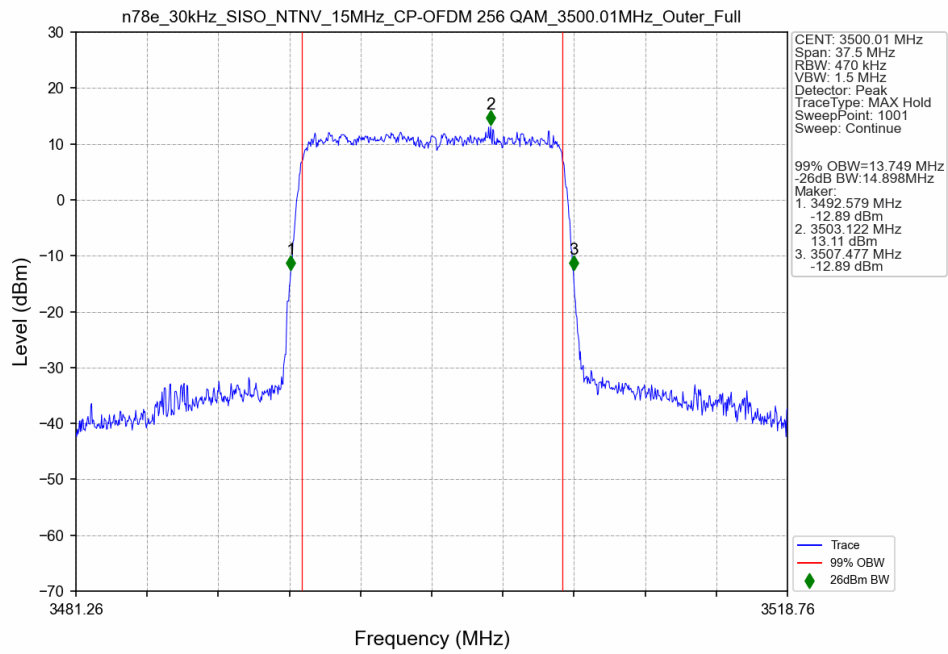
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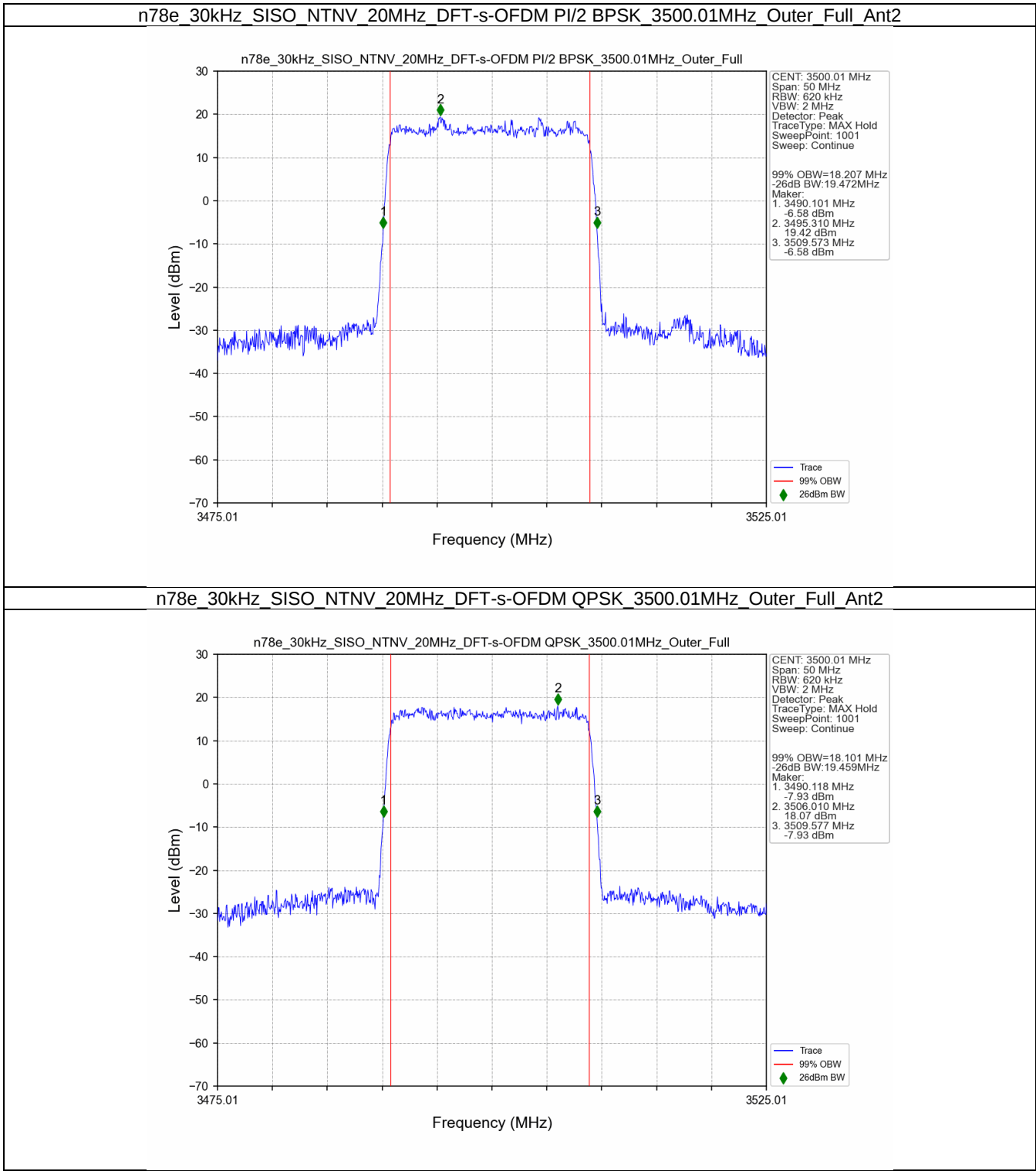
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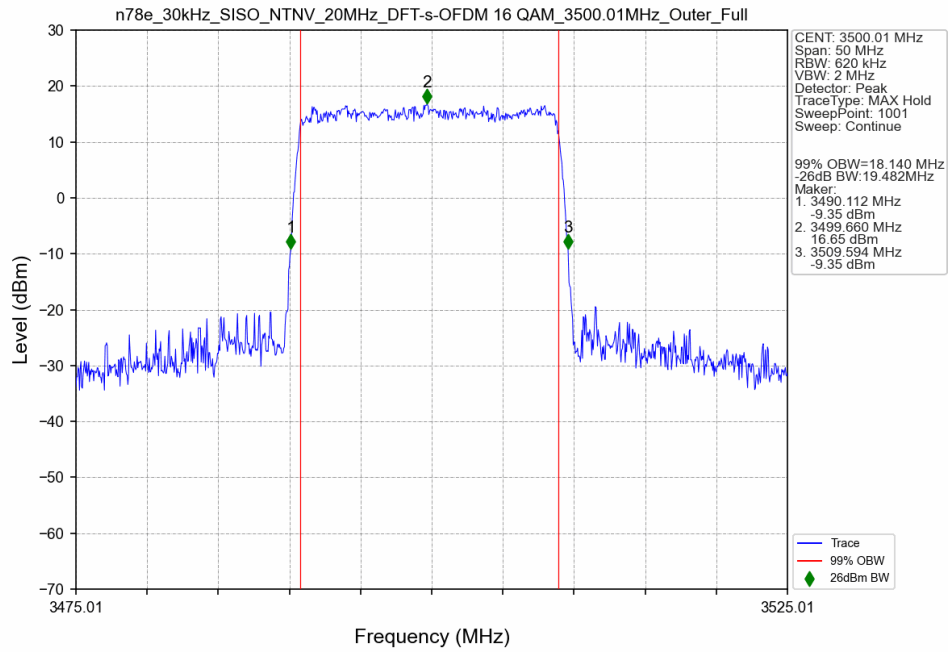
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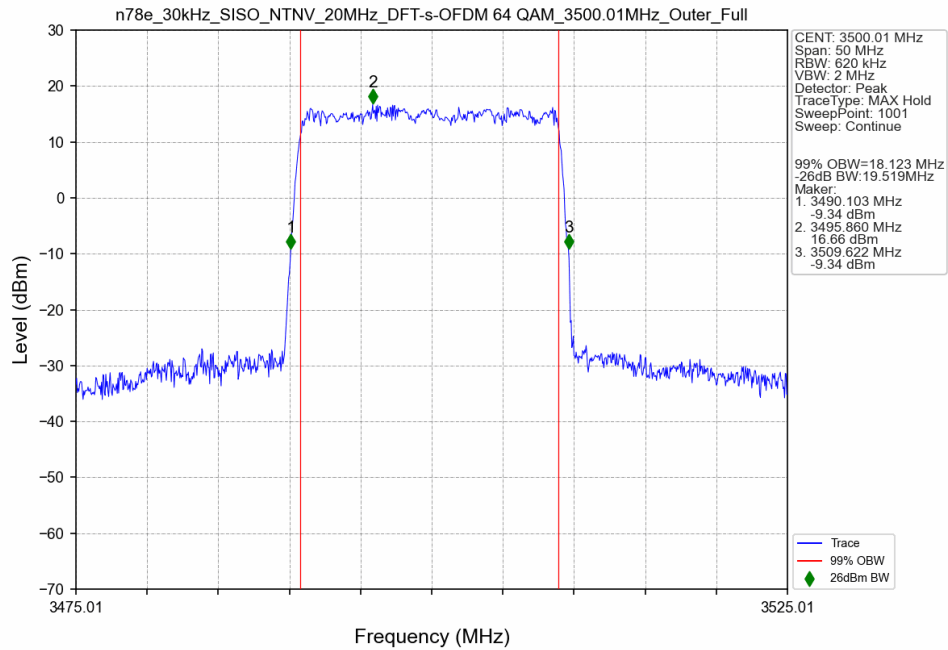
3.2.3 30k_SISO_20MHz_NTNV



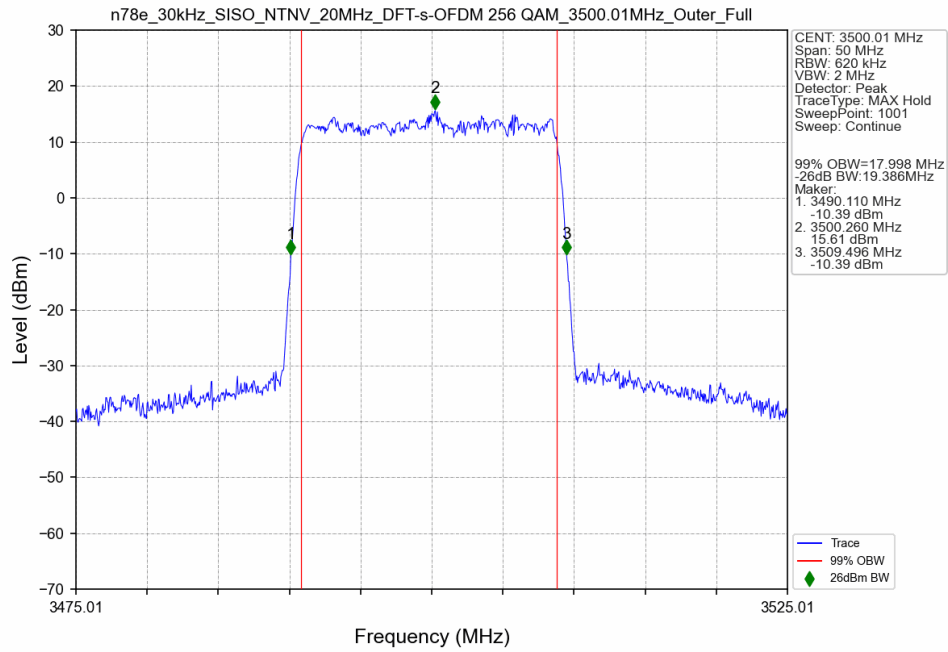
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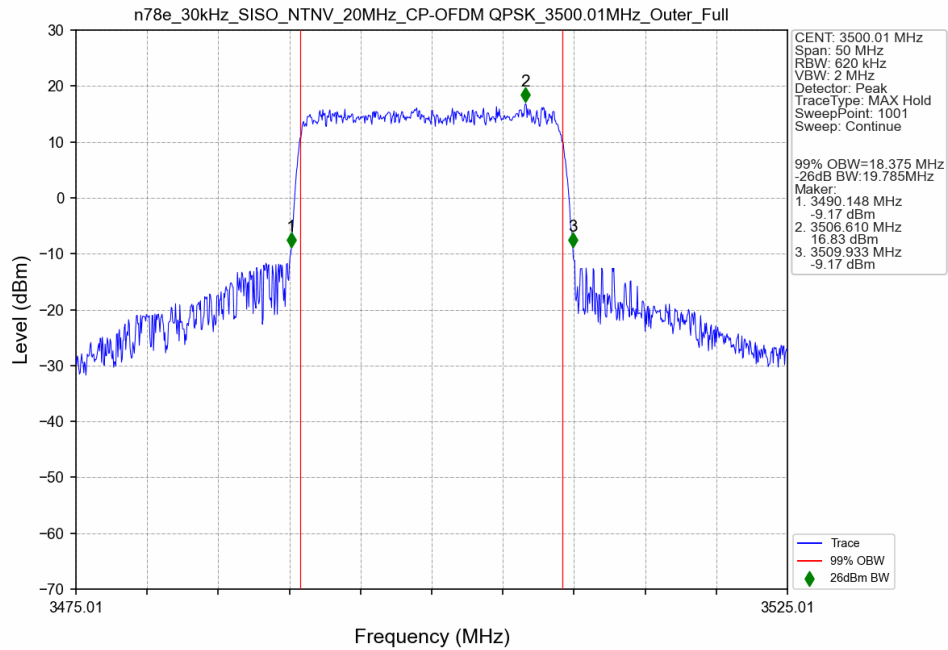
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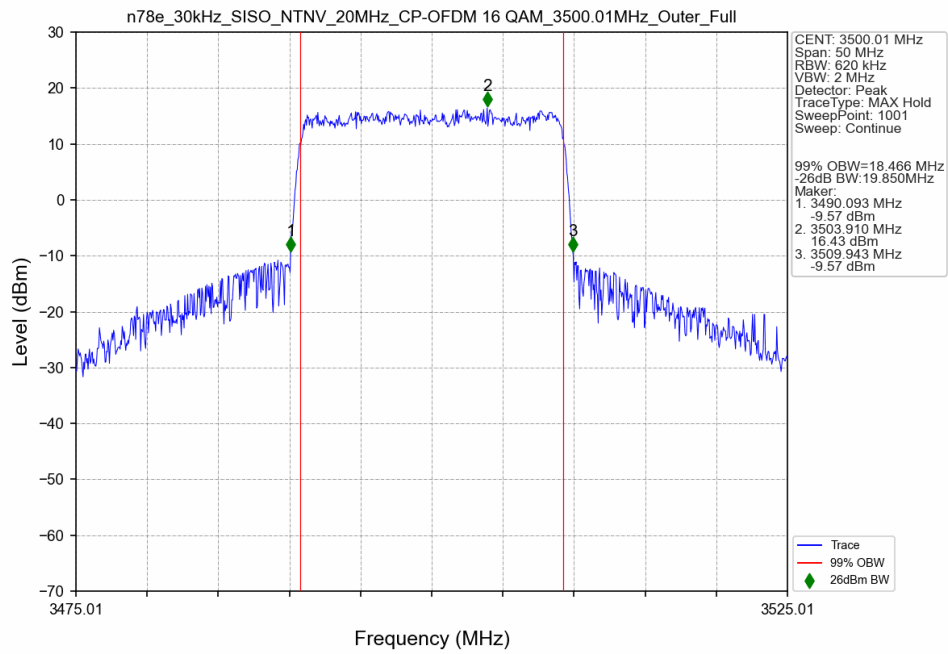
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n78e 30kHz SISO NTN 20MHz CP-OFDM QPSK 3500.01MHz Outer Full Ant2



n78e 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3500.01MHz Outer Full Ant2



n78e 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3500.01MHz Outer Full Ant2

