

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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3455.01	Edge 1RB Left	22.48	/	/	19.70	/	/	<=30	Pass
		Edge 1RB Right	22.42	/	/	19.64	/	/	<=30	Pass
		Outer Full	25.42	/	/	22.64	/	/	<=30	Pass
		Inner Full	25.84	/	/	23.06	/	/	<=30	Pass
		Inner 1RB Left	25.88	/	/	23.10	/	/	<=30	Pass
		Inner 1RB Right	25.79	/	/	23.01	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.24	/	/	19.46	/	/	<=30	Pass
		Edge 1RB Right	22.29	/	/	19.51	/	/	<=30	Pass
		Outer Full	25.23	/	/	22.45	/	/	<=30	Pass
		Inner Full	25.63	/	/	22.85	/	/	<=30	Pass
		Inner 1RB Left	25.61	/	/	22.83	/	/	<=30	Pass
		Inner 1RB Right	25.73	/	/	22.95	/	/	<=30	Pass
	3544.98	Edge 1RB Left	22.52	/	/	19.74	/	/	<=30	Pass
		Edge 1RB Right	22.60	/	/	19.82	/	/	<=30	Pass
		Outer Full	25.49	/	/	22.71	/	/	<=30	Pass
		Inner Full	25.99	/	/	23.21	/	/	<=30	Pass
		Inner 1RB Left	25.94	/	/	23.16	/	/	<=30	Pass
		Inner 1RB Right	26.04	/	/	23.26	/	/	<=30	Pass
DFT-s-OFDM QPSK	3455.01	Edge 1RB Left	22.56	/	/	19.78	/	/	<=30	Pass
		Edge 1RB Right	22.38	/	/	19.60	/	/	<=30	Pass
		Outer Full	24.88	/	/	22.10	/	/	<=30	Pass
		Inner Full	25.86	/	/	23.08	/	/	<=30	Pass
		Inner 1RB Left	25.86	/	/	23.08	/	/	<=30	Pass
		Inner 1RB Right	25.79	/	/	23.01	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.16	/	/	19.38	/	/	<=30	Pass
		Edge 1RB Right	22.30	/	/	19.52	/	/	<=30	Pass
		Outer Full	24.71	/	/	21.93	/	/	<=30	Pass
		Inner Full	25.73	/	/	22.95	/	/	<=30	Pass
		Inner 1RB Left	25.59	/	/	22.81	/	/	<=30	Pass
		Inner 1RB Right	25.72	/	/	22.94	/	/	<=30	Pass
	3544.98	Edge 1RB Left	22.47	/	/	19.69	/	/	<=30	Pass
		Edge 1RB Right	22.40	/	/	19.62	/	/	<=30	Pass
		Outer Full	24.97	/	/	22.19	/	/	<=30	Pass
		Inner Full	25.95	/	/	23.17	/	/	<=30	Pass
		Inner 1RB Left	25.88	/	/	23.10	/	/	<=30	Pass
		Inner 1RB Right	26.00	/	/	23.22	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3455.01	Edge 1RB Left	22.39	/	/	19.61	/	/	<=30	Pass
		Edge 1RB Right	22.17	/	/	19.39	/	/	<=30	Pass
		Outer Full	23.97	/	/	21.19	/	/	<=30	Pass
		Inner Full	25.01	/	/	22.23	/	/	<=30	Pass
		Inner 1RB Left	24.76	/	/	21.98	/	/	<=30	Pass
		Inner 1RB Right	24.62	/	/	21.84	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.96	/	/	19.18	/	/	<=30	Pass
		Edge 1RB Right	22.13	/	/	19.35	/	/	<=30	Pass
		Outer Full	23.85	/	/	21.07	/	/	<=30	Pass
		Inner Full	24.77	/	/	21.99	/	/	<=30	Pass
		Inner 1RB Left	24.57	/	/	21.79	/	/	<=30	Pass
		Inner 1RB Right	24.63	/	/	21.85	/	/	<=30	Pass
	3544.98	Edge 1RB Left	22.36	/	/	19.58	/	/	<=30	Pass

		Edge 1RB Right	22.46	/	/	19.68	/	/	<=30	Pass
		Outer Full	24.06	/	/	21.28	/	/	<=30	Pass
		Inner Full	25.05	/	/	22.27	/	/	<=30	Pass
		Inner 1RB Left	24.70	/	/	21.92	/	/	<=30	Pass
		Inner 1RB Right	24.84	/	/	22.06	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3455.01	Edge 1RB Left	22.78	/	/	20.00	/	/	<=30	Pass
		Edge 1RB Right	22.71	/	/	19.93	/	/	<=30	Pass
		Outer Full	23.55	/	/	20.77	/	/	<=30	Pass
		Inner Full	23.50	/	/	20.72	/	/	<=30	Pass
		Inner 1RB Left	23.68	/	/	20.90	/	/	<=30	Pass
		Inner 1RB Right	23.72	/	/	20.94	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.49	/	/	19.71	/	/	<=30	Pass
		Edge 1RB Right	22.66	/	/	19.88	/	/	<=30	Pass
		Outer Full	23.35	/	/	20.57	/	/	<=30	Pass
		Inner Full	23.32	/	/	20.54	/	/	<=30	Pass
		Inner 1RB Left	23.19	/	/	20.41	/	/	<=30	Pass
		Inner 1RB Right	23.44	/	/	20.66	/	/	<=30	Pass
	3544.98	Edge 1RB Left	22.73	/	/	19.95	/	/	<=30	Pass
		Edge 1RB Right	22.91	/	/	20.13	/	/	<=30	Pass
		Outer Full	23.59	/	/	20.81	/	/	<=30	Pass
		Inner Full	23.70	/	/	20.92	/	/	<=30	Pass
		Inner 1RB Left	23.81	/	/	21.03	/	/	<=30	Pass
		Inner 1RB Right	23.98	/	/	21.20	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3455.01	Edge 1RB Left	21.58	/	/	18.80	/	/	<=30	Pass
		Edge 1RB Right	21.53	/	/	18.75	/	/	<=30	Pass
		Outer Full	21.57	/	/	18.79	/	/	<=30	Pass
		Inner Full	21.69	/	/	18.91	/	/	<=30	Pass
		Inner 1RB Left	21.56	/	/	18.78	/	/	<=30	Pass
		Inner 1RB Right	21.56	/	/	18.78	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.38	/	/	18.60	/	/	<=30	Pass
		Edge 1RB Right	21.45	/	/	18.67	/	/	<=30	Pass
		Outer Full	21.45	/	/	18.67	/	/	<=30	Pass
		Inner Full	21.53	/	/	18.75	/	/	<=30	Pass
		Inner 1RB Left	21.37	/	/	18.59	/	/	<=30	Pass
		Inner 1RB Right	21.44	/	/	18.66	/	/	<=30	Pass
	3544.98	Edge 1RB Left	21.52	/	/	18.74	/	/	<=30	Pass
		Edge 1RB Right	21.67	/	/	18.89	/	/	<=30	Pass
		Outer Full	21.62	/	/	18.84	/	/	<=30	Pass
		Inner Full	21.75	/	/	18.97	/	/	<=30	Pass
		Inner 1RB Left	21.53	/	/	18.75	/	/	<=30	Pass
		Inner 1RB Right	21.69	/	/	18.91	/	/	<=30	Pass
CP-OFDM QPSK	3455.01	Edge 1RB Left	22.39	/	/	19.61	/	/	<=30	Pass
		Edge 1RB Right	22.25	/	/	19.47	/	/	<=30	Pass
		Outer Full	22.85	/	/	20.07	/	/	<=30	Pass
		Inner Full	24.18	/	/	21.40	/	/	<=30	Pass
		Inner 1RB Left	24.44	/	/	21.66	/	/	<=30	Pass
		Inner 1RB Right	24.33	/	/	21.55	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.20	/	/	19.42	/	/	<=30	Pass
		Edge 1RB Right	22.18	/	/	19.40	/	/	<=30	Pass
		Outer Full	22.65	/	/	19.87	/	/	<=30	Pass
		Inner Full	24.08	/	/	21.30	/	/	<=30	Pass
		Inner 1RB Left	24.24	/	/	21.46	/	/	<=30	Pass
		Inner 1RB Right	24.27	/	/	21.49	/	/	<=30	Pass
	3544.98	Edge 1RB Left	22.32	/	/	19.54	/	/	<=30	Pass
		Edge 1RB Right	22.36	/	/	19.58	/	/	<=30	Pass
		Outer Full	22.95	/	/	20.17	/	/	<=30	Pass
		Inner Full	24.31	/	/	21.53	/	/	<=30	Pass
		Inner 1RB Left	24.40	/	/	21.62	/	/	<=30	Pass
		Inner 1RB Right	24.53	/	/	21.75	/	/	<=30	Pass

CP-OFDM 16 QAM	3455.01	Edge_1RB_Left	22.16	/	/	19.38	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	19.27	/	/	<=30	Pass
		Outer_Full	22.88	/	/	20.10	/	/	<=30	Pass
		Inner_Full	24.12	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Left	23.68	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Right	23.69	/	/	20.91	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.02	/	/	19.24	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	19.39	/	/	<=30	Pass
		Outer_Full	22.58	/	/	19.80	/	/	<=30	Pass
		Inner_Full	23.85	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	23.48	/	/	20.70	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	20.86	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.17	/	/	19.39	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.66	/	/	<=30	Pass
		Outer_Full	22.89	/	/	20.11	/	/	<=30	Pass
		Inner_Full	24.10	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Right	23.91	/	/	21.13	/	/	<=30	Pass
CP-OFDM 64 QAM	3455.01	Edge_1RB_Left	22.66	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	19.82	/	/	<=30	Pass
		Outer_Full	22.39	/	/	19.61	/	/	<=30	Pass
		Inner_Full	22.44	/	/	19.66	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	19.91	/	/	<=30	Pass
		Inner_1RB_Right	22.64	/	/	19.86	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.44	/	/	19.66	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	19.79	/	/	<=30	Pass
		Outer_Full	22.29	/	/	19.51	/	/	<=30	Pass
		Inner_Full	22.25	/	/	19.47	/	/	<=30	Pass
		Inner_1RB_Left	22.44	/	/	19.66	/	/	<=30	Pass
		Inner_1RB_Right	22.54	/	/	19.76	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.64	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	20.04	/	/	<=30	Pass
		Outer_Full	22.55	/	/	19.77	/	/	<=30	Pass
		Inner_Full	22.57	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Right	22.85	/	/	20.07	/	/	<=30	Pass
CP-OFDM 256 QAM	3455.01	Edge_1RB_Left	19.68	/	/	16.90	/	/	<=30	Pass
		Edge_1RB_Right	19.63	/	/	16.85	/	/	<=30	Pass
		Outer_Full	19.59	/	/	16.81	/	/	<=30	Pass
		Inner_Full	19.56	/	/	16.78	/	/	<=30	Pass
		Inner_1RB_Left	19.70	/	/	16.92	/	/	<=30	Pass
		Inner_1RB_Right	19.63	/	/	16.85	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.41	/	/	16.63	/	/	<=30	Pass
		Edge_1RB_Right	19.55	/	/	16.77	/	/	<=30	Pass
		Outer_Full	19.45	/	/	16.67	/	/	<=30	Pass
		Inner_Full	19.42	/	/	16.64	/	/	<=30	Pass
		Inner_1RB_Left	19.48	/	/	16.70	/	/	<=30	Pass
		Inner_1RB_Right	19.55	/	/	16.77	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	19.67	/	/	16.89	/	/	<=30	Pass
		Edge_1RB_Right	19.80	/	/	17.02	/	/	<=30	Pass
		Outer_Full	19.65	/	/	16.87	/	/	<=30	Pass
		Inner_Full	19.65	/	/	16.87	/	/	<=30	Pass
		Inner_1RB_Left	19.66	/	/	16.88	/	/	<=30	Pass
		Inner_1RB_Right	19.81	/	/	17.03	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.78dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_15MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3457.5	Edge_1RB_Left	22.51	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	19.73	/	/	<=30	Pass
		Outer_Full	25.47	/	/	22.69	/	/	<=30	Pass
		Inner_Full	26.00	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Left	25.93	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Right	25.89	/	/	23.11	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.25	/	/	19.47	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	19.64	/	/	<=30	Pass
		Outer_Full	25.29	/	/	22.51	/	/	<=30	Pass
		Inner_Full	25.80	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Left	25.64	/	/	22.86	/	/	<=30	Pass
		Inner_1RB_Right	25.79	/	/	23.01	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.50	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	19.84	/	/	<=30	Pass
		Outer_Full	25.48	/	/	22.70	/	/	<=30	Pass
		Inner_Full	26.01	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Left	25.89	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	26.00	/	/	23.22	/	/	<=30	Pass
DFT-s-OFDM QPSK	3457.5	Edge_1RB_Left	22.52	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	19.76	/	/	<=30	Pass
		Outer_Full	24.93	/	/	22.15	/	/	<=30	Pass
		Inner_Full	25.94	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Left	25.88	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Right	25.90	/	/	23.12	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.26	/	/	19.48	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	19.62	/	/	<=30	Pass
		Outer_Full	24.82	/	/	22.04	/	/	<=30	Pass
		Inner_Full	25.74	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Left	25.66	/	/	22.88	/	/	<=30	Pass
		Inner_1RB_Right	25.77	/	/	22.99	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.49	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	19.78	/	/	<=30	Pass
		Outer_Full	24.98	/	/	22.20	/	/	<=30	Pass
		Inner_Full	25.97	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Right	26.02	/	/	23.24	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3457.5	Edge_1RB_Left	22.32	/	/	19.54	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	19.45	/	/	<=30	Pass
		Outer_Full	24.05	/	/	21.27	/	/	<=30	Pass
		Inner_Full	24.94	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Left	24.72	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Right	24.71	/	/	21.93	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.17	/	/	19.39	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	19.51	/	/	<=30	Pass
		Outer_Full	23.80	/	/	21.02	/	/	<=30	Pass
		Inner_Full	24.73	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Left	24.47	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Right	24.60	/	/	21.82	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.40	/	/	19.62	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	19.72	/	/	<=30	Pass
		Outer_Full	24.03	/	/	21.25	/	/	<=30	Pass
		Inner_Full	24.92	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Left	24.86	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Right	24.86	/	/	22.08	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3457.5	Edge_1RB_Left	22.85	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	20.05	/	/	<=30	Pass

		Outer_Full	23.49	/	/	20.71	/	/	<=30	Pass
		Inner_Full	23.57	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Left	23.80	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	20.95	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.62	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	19.96	/	/	<=30	Pass
		Outer_Full	23.31	/	/	20.53	/	/	<=30	Pass
		Inner_Full	23.38	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	20.90	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.75	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	20.09	/	/	<=30	Pass
		Outer_Full	23.50	/	/	20.72	/	/	<=30	Pass
		Inner_Full	23.63	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	23.80	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	21.11	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3457.5	Edge_1RB_Left	21.64	/	/	18.86	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	18.91	/	/	<=30	Pass
		Outer_Full	21.57	/	/	18.79	/	/	<=30	Pass
		Inner_Full	21.69	/	/	18.91	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Right	21.67	/	/	18.89	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.45	/	/	18.67	/	/	<=30	Pass
		Edge_1RB_Right	21.61	/	/	18.83	/	/	<=30	Pass
		Outer_Full	21.46	/	/	18.68	/	/	<=30	Pass
		Inner_Full	21.48	/	/	18.70	/	/	<=30	Pass
		Inner_1RB_Left	21.42	/	/	18.64	/	/	<=30	Pass
		Inner_1RB_Right	21.57	/	/	18.79	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	21.61	/	/	18.83	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	18.94	/	/	<=30	Pass
		Outer_Full	21.60	/	/	18.82	/	/	<=30	Pass
		Inner_Full	21.67	/	/	18.89	/	/	<=30	Pass
		Inner_1RB_Left	21.58	/	/	18.80	/	/	<=30	Pass
		Inner_1RB_Right	21.69	/	/	18.91	/	/	<=30	Pass
CP-OFDM QPSK	3457.5	Edge_1RB_Left	22.64	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	19.87	/	/	<=30	Pass
		Outer_Full	22.96	/	/	20.18	/	/	<=30	Pass
		Inner_Full	24.52	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Left	24.52	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Right	24.50	/	/	21.72	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.34	/	/	19.56	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	19.83	/	/	<=30	Pass
		Outer_Full	22.77	/	/	19.99	/	/	<=30	Pass
		Inner_Full	24.23	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Left	24.40	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Right	24.32	/	/	21.54	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.69	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	19.93	/	/	<=30	Pass
		Outer_Full	22.97	/	/	20.19	/	/	<=30	Pass
		Inner_Full	24.42	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Left	24.64	/	/	21.86	/	/	<=30	Pass
		Inner_1RB_Right	24.49	/	/	21.71	/	/	<=30	Pass
CP-OFDM 16 QAM	3457.5	Edge_1RB_Left	22.31	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	19.79	/	/	<=30	Pass
		Outer_Full	23.02	/	/	20.24	/	/	<=30	Pass
		Inner_Full	23.94	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Right	23.81	/	/	21.03	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.03	/	/	19.25	/	/	<=30	Pass

		Edge_1RB_Right	22.25	/	/	19.47	/	/	<=30	Pass
		Outer_Full	22.84	/	/	20.06	/	/	<=30	Pass
		Inner_Full	23.71	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Left	23.65	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Right	23.81	/	/	21.03	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.32	/	/	19.54	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.67	/	/	<=30	Pass
		Outer_Full	22.98	/	/	20.20	/	/	<=30	Pass
		Inner_Full	24.01	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	21.08	/	/	<=30	Pass
	Inner_1RB_Right	24.00	/	/	21.22	/	/	<=30	Pass	
CP-OFDM 64 QAM	3457.5	Edge_1RB_Left	22.65	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	19.90	/	/	<=30	Pass
		Outer_Full	22.53	/	/	19.75	/	/	<=30	Pass
		Inner_Full	22.49	/	/	19.71	/	/	<=30	Pass
		Inner_1RB_Left	22.77	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Right	22.65	/	/	19.87	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.47	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	19.86	/	/	<=30	Pass
		Outer_Full	22.37	/	/	19.59	/	/	<=30	Pass
		Inner_Full	22.23	/	/	19.45	/	/	<=30	Pass
		Inner_1RB_Left	22.39	/	/	19.61	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	19.81	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.67	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	19.99	/	/	<=30	Pass
		Outer_Full	22.56	/	/	19.78	/	/	<=30	Pass
		Inner_Full	22.50	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Left	22.70	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Right	22.77	/	/	19.99	/	/	<=30	Pass
CP-OFDM 256 QAM	3457.5	Edge_1RB_Left	19.69	/	/	16.91	/	/	<=30	Pass
		Edge_1RB_Right	19.74	/	/	16.96	/	/	<=30	Pass
		Outer_Full	19.74	/	/	16.96	/	/	<=30	Pass
		Inner_Full	19.76	/	/	16.98	/	/	<=30	Pass
		Inner_1RB_Left	19.75	/	/	16.97	/	/	<=30	Pass
		Inner_1RB_Right	19.76	/	/	16.98	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.54	/	/	16.76	/	/	<=30	Pass
		Edge_1RB_Right	19.66	/	/	16.88	/	/	<=30	Pass
		Outer_Full	19.54	/	/	16.76	/	/	<=30	Pass
		Inner_Full	19.57	/	/	16.79	/	/	<=30	Pass
		Inner_1RB_Left	19.52	/	/	16.74	/	/	<=30	Pass
		Inner_1RB_Right	19.66	/	/	16.88	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	19.66	/	/	16.88	/	/	<=30	Pass
		Edge_1RB_Right	19.78	/	/	17.00	/	/	<=30	Pass
		Outer_Full	19.69	/	/	16.91	/	/	<=30	Pass
Inner_Full		19.78	/	/	17.00	/	/	<=30	Pass	
Inner_1RB_Left		19.68	/	/	16.90	/	/	<=30	Pass	
	Inner_1RB_Right	19.85	/	/	17.07	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: -2.78dBi; 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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3460.02	Edge 1RB Left	22.52	/	/	19.74	/	/	<=30	Pass
		Edge 1RB Right	22.55	/	/	19.77	/	/	<=30	Pass
		Outer_Full	25.56	/	/	22.78	/	/	<=30	Pass

		Inner_Full	25.99	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Left	25.91	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	25.98	/	/	23.20	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.28	/	/	19.50	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	19.71	/	/	<=30	Pass
		Outer_Full	25.29	/	/	22.51	/	/	<=30	Pass
		Inner_Full	25.73	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Left	25.71	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Right	25.90	/	/	23.12	/	/	<=30	Pass
		Edge_1RB_Left	22.50	/	/	19.72	/	/	<=30	Pass
	3540	Edge_1RB_Right	22.55	/	/	19.77	/	/	<=30	Pass
		Outer_Full	25.46	/	/	22.68	/	/	<=30	Pass
		Inner_Full	25.97	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	25.93	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Right	25.97	/	/	23.19	/	/	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Edge_1RB_Left	22.54	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	19.80	/	/	<=30	Pass
		Outer_Full	25.03	/	/	22.25	/	/	<=30	Pass
		Inner_Full	26.05	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Right	25.97	/	/	23.19	/	/	<=30	Pass
		Edge_1RB_Left	22.29	/	/	19.51	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	22.54	/	/	19.76	/	/	<=30	Pass
		Outer_Full	24.79	/	/	22.01	/	/	<=30	Pass
		Inner_Full	25.80	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Left	25.70	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Right	25.88	/	/	23.10	/	/	<=30	Pass
		Edge_1RB_Left	22.51	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	19.83	/	/	<=30	Pass
	3540	Outer_Full	24.96	/	/	22.18	/	/	<=30	Pass
		Inner_Full	25.98	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Left	25.97	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Right	25.98	/	/	23.20	/	/	<=30	Pass
		Edge_1RB_Left	22.38	/	/	19.60	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Edge_1RB_Right	22.37	/	/	19.59	/	/	<=30	Pass
		Outer_Full	24.04	/	/	21.26	/	/	<=30	Pass
		Inner_Full	25.01	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Left	24.75	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Right	25.00	/	/	22.22	/	/	<=30	Pass
		Edge_1RB_Left	22.14	/	/	19.36	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	19.60	/	/	<=30	Pass
	3500.01	Outer_Full	23.80	/	/	21.02	/	/	<=30	Pass
		Inner_Full	24.76	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Left	24.50	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Right	24.65	/	/	21.87	/	/	<=30	Pass
		Edge_1RB_Left	22.33	/	/	19.55	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	19.69	/	/	<=30	Pass
		Outer_Full	23.95	/	/	21.17	/	/	<=30	Pass
	3540	Inner_Full	25.00	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	24.90	/	/	22.12	/	/	<=30	Pass
		Edge_1RB_Left	22.95	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	20.17	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer_Full	23.52	/	/	20.74	/	/	<=30	Pass
		Inner_Full	23.53	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Right	23.92	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Left	22.66	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	20.08	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.66	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	20.08	/	/	<=30	Pass

		Outer_Full	23.28	/	/	20.50	/	/	<=30	Pass
		Inner_Full	23.26	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	23.56	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Right	23.79	/	/	21.01	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.92	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	20.10	/	/	<=30	Pass
		Outer_Full	23.45	/	/	20.67	/	/	<=30	Pass
		Inner_Full	23.49	/	/	20.71	/	/	<=30	Pass
		Inner_1RB_Left	23.67	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Right	23.87	/	/	21.09	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Edge_1RB_Left	21.69	/	/	18.91	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	18.94	/	/	<=30	Pass
		Outer_Full	21.69	/	/	18.91	/	/	<=30	Pass
		Inner_Full	21.62	/	/	18.84	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	18.84	/	/	<=30	Pass
		Inner_1RB_Right	21.74	/	/	18.96	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.47	/	/	18.69	/	/	<=30	Pass
		Edge_1RB_Right	21.63	/	/	18.85	/	/	<=30	Pass
		Outer_Full	21.45	/	/	18.67	/	/	<=30	Pass
		Inner_Full	21.45	/	/	18.67	/	/	<=30	Pass
		Inner_1RB_Left	21.50	/	/	18.72	/	/	<=30	Pass
		Inner_1RB_Right	21.63	/	/	18.85	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.68	/	/	18.90	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	18.89	/	/	<=30	Pass
		Outer_Full	21.59	/	/	18.81	/	/	<=30	Pass
		Inner_Full	21.63	/	/	18.85	/	/	<=30	Pass
		Inner_1RB_Left	21.67	/	/	18.89	/	/	<=30	Pass
		Inner_1RB_Right	21.68	/	/	18.90	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Edge_1RB_Left	22.74	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	19.97	/	/	<=30	Pass
		Outer_Full	23.06	/	/	20.28	/	/	<=30	Pass
		Inner_Full	24.48	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Left	24.66	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Right	24.52	/	/	21.74	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.41	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	19.53	/	/	<=30	Pass
		Outer_Full	22.83	/	/	20.05	/	/	<=30	Pass
		Inner_Full	24.25	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Left	24.20	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Right	24.39	/	/	21.61	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.66	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	19.91	/	/	<=30	Pass
		Outer_Full	23.03	/	/	20.25	/	/	<=30	Pass
		Inner_Full	24.49	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Left	24.32	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Right	24.58	/	/	21.80	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.02	Edge_1RB_Left	22.49	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	19.78	/	/	<=30	Pass
		Outer_Full	22.98	/	/	20.20	/	/	<=30	Pass
		Inner_Full	24.11	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Left	23.80	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Right	23.87	/	/	21.09	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.15	/	/	19.37	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	19.58	/	/	<=30	Pass
		Outer_Full	22.77	/	/	19.99	/	/	<=30	Pass
		Inner_Full	23.84	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Left	23.71	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Right	23.85	/	/	21.07	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.45	/	/	19.67	/	/	<=30	Pass

		Edge_1RB_Right	22.63	/	/	19.85	/	/	<=30	Pass	
		Outer_Full	22.97	/	/	20.19	/	/	<=30	Pass	
		Inner_Full	24.02	/	/	21.24	/	/	<=30	Pass	
		Inner_1RB_Left	23.94	/	/	21.16	/	/	<=30	Pass	
		Inner_1RB_Right	23.96	/	/	21.18	/	/	<=30	Pass	
CP-OFDM 64 QAM	3460.02	Edge_1RB_Left	22.69	/	/	19.91	/	/	<=30	Pass	
		Edge_1RB_Right	22.81	/	/	20.03	/	/	<=30	Pass	
		Outer_Full	22.56	/	/	19.78	/	/	<=30	Pass	
		Inner_Full	22.64	/	/	19.86	/	/	<=30	Pass	
		Inner_1RB_Left	22.70	/	/	19.92	/	/	<=30	Pass	
		Inner_1RB_Right	22.79	/	/	20.01	/	/	<=30	Pass	
		Edge_1RB_Left	22.44	/	/	19.66	/	/	<=30	Pass	
		Edge_1RB_Right	22.74	/	/	19.96	/	/	<=30	Pass	
	3500.01	Outer_Full	22.37	/	/	19.59	/	/	<=30	Pass	
		Inner_Full	22.40	/	/	19.62	/	/	<=30	Pass	
		Inner_1RB_Left	22.49	/	/	19.71	/	/	<=30	Pass	
		Inner_1RB_Right	22.65	/	/	19.87	/	/	<=30	Pass	
		3540	Edge_1RB_Left	22.70	/	/	19.92	/	/	<=30	Pass
			Edge_1RB_Right	22.79	/	/	20.01	/	/	<=30	Pass
			Outer_Full	22.53	/	/	19.75	/	/	<=30	Pass
			Inner_Full	22.57	/	/	19.79	/	/	<=30	Pass
	Inner_1RB_Left		22.76	/	/	19.98	/	/	<=30	Pass	
	Inner_1RB_Right		22.75	/	/	19.97	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3460.02	Edge_1RB_Left	19.72	/	/	16.94	/	/	<=30	Pass
			Edge_1RB_Right	19.80	/	/	17.02	/	/	<=30	Pass
			Outer_Full	19.76	/	/	16.98	/	/	<=30	Pass
			Inner_Full	19.73	/	/	16.95	/	/	<=30	Pass
Inner_1RB_Left			19.72	/	/	16.94	/	/	<=30	Pass	
Inner_1RB_Right			19.82	/	/	17.04	/	/	<=30	Pass	
3500.01		Edge_1RB_Left	19.55	/	/	16.77	/	/	<=30	Pass	
		Edge_1RB_Right	19.73	/	/	16.95	/	/	<=30	Pass	
		Outer_Full	19.54	/	/	16.76	/	/	<=30	Pass	
		Inner_Full	19.49	/	/	16.71	/	/	<=30	Pass	
		Inner_1RB_Left	19.57	/	/	16.79	/	/	<=30	Pass	
		Inner_1RB_Right	19.75	/	/	16.97	/	/	<=30	Pass	
3540		Edge_1RB_Left	19.75	/	/	16.97	/	/	<=30	Pass	
		Edge_1RB_Right	19.79	/	/	17.01	/	/	<=30	Pass	
		Outer_Full	19.67	/	/	16.89	/	/	<=30	Pass	
		Inner_Full	19.66	/	/	16.88	/	/	<=30	Pass	
		Inner_1RB_Left	19.72	/	/	16.94	/	/	<=30	Pass	
		Inner_1RB_Right	19.80	/	/	17.02	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: -2.78dBi; 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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3462.51	Edge 1RB Left	22.55	/	/	19.77	/	/	<=30	Pass
		Edge 1RB Right	22.67	/	/	19.89	/	/	<=30	Pass
		Outer Full	25.60	/	/	22.82	/	/	<=30	Pass
		Inner Full	26.08	/	/	23.30	/	/	<=30	Pass
		Inner 1RB Left	25.95	/	/	23.17	/	/	<=30	Pass
	3500.01	Inner 1RB Right	25.97	/	/	23.19	/	/	<=30	Pass
		Edge 1RB Left	22.30	/	/	19.52	/	/	<=30	Pass
		Edge 1RB Right	22.53	/	/	19.75	/	/	<=30	Pass
		Outer Full	25.35	/	/	22.57	/	/	<=30	Pass

		Inner_Full	25.79	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Left	25.69	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Right	25.89	/	/	23.11	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	22.58	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	19.72	/	/	<=30	Pass
		Outer_Full	25.49	/	/	22.71	/	/	<=30	Pass
		Inner_Full	25.97	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	25.95	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Right	25.83	/	/	23.05	/	/	<=30	Pass
DFT-s-OFDM QPSK	3462.51	Edge_1RB_Left	22.51	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	19.90	/	/	<=30	Pass
		Outer_Full	25.11	/	/	22.33	/	/	<=30	Pass
		Inner_Full	26.08	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Left	25.95	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Right	26.01	/	/	23.23	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.32	/	/	19.54	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	19.71	/	/	<=30	Pass
		Outer_Full	24.88	/	/	22.10	/	/	<=30	Pass
		Inner_Full	25.82	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Left	25.70	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Right	25.91	/	/	23.13	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	22.58	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	19.73	/	/	<=30	Pass
		Outer_Full	24.95	/	/	22.17	/	/	<=30	Pass
		Inner_Full	25.92	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	25.95	/	/	23.17	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3462.51	Edge_1RB_Left	22.32	/	/	19.54	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	19.58	/	/	<=30	Pass
		Outer_Full	24.05	/	/	21.27	/	/	<=30	Pass
		Inner_Full	25.09	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Left	24.75	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Right	24.80	/	/	22.02	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.10	/	/	19.32	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	19.56	/	/	<=30	Pass
		Outer_Full	23.86	/	/	21.08	/	/	<=30	Pass
		Inner_Full	24.84	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Left	24.65	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Right	24.82	/	/	22.04	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	22.35	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	19.49	/	/	<=30	Pass
		Outer_Full	23.94	/	/	21.16	/	/	<=30	Pass
		Inner_Full	24.91	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Left	24.86	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Right	24.77	/	/	21.99	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3462.51	Edge_1RB_Left	22.86	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	20.12	/	/	<=30	Pass
		Outer_Full	23.62	/	/	20.84	/	/	<=30	Pass
		Inner_Full	23.60	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Left	23.91	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Right	24.01	/	/	21.23	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.59	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	20.07	/	/	<=30	Pass
		Outer_Full	23.42	/	/	20.64	/	/	<=30	Pass
		Inner_Full	23.34	/	/	20.56	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Right	23.91	/	/	21.13	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	22.87	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	20.02	/	/	<=30	Pass

		Outer_Full	23.50	/	/	20.72	/	/	<=30	Pass
		Inner_Full	23.47	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Left	23.78	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Right	23.87	/	/	21.09	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3462.51	Edge_1RB_Left	21.68	/	/	18.90	/	/	<=30	Pass
		Edge_1RB_Right	21.83	/	/	19.05	/	/	<=30	Pass
		Outer_Full	21.79	/	/	19.01	/	/	<=30	Pass
		Inner_Full	21.72	/	/	18.94	/	/	<=30	Pass
		Inner_1RB_Left	21.71	/	/	18.93	/	/	<=30	Pass
		Inner_1RB_Right	21.84	/	/	19.06	/	/	<=30	Pass
		Edge_1RB_Left	21.46	/	/	18.68	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	18.88	/	/	<=30	Pass
	3500.01	Outer_Full	21.51	/	/	18.73	/	/	<=30	Pass
		Inner_Full	21.43	/	/	18.65	/	/	<=30	Pass
		Inner_1RB_Left	21.49	/	/	18.71	/	/	<=30	Pass
		Inner_1RB_Right	21.65	/	/	18.87	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	21.71	/	/	18.93	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	18.81	/	/	<=30	Pass
		Outer_Full	21.59	/	/	18.81	/	/	<=30	Pass
		Inner_Full	21.48	/	/	18.70	/	/	<=30	Pass
		Inner_1RB_Left	21.66	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Right	21.60	/	/	18.82	/	/	<=30	Pass
CP-OFDM QPSK	3462.51	Edge_1RB_Left	22.59	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	20.11	/	/	<=30	Pass
		Outer_Full	23.08	/	/	20.30	/	/	<=30	Pass
		Inner_Full	24.55	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	24.48	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Right	24.53	/	/	21.75	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.56	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	19.88	/	/	<=30	Pass
		Outer_Full	22.83	/	/	20.05	/	/	<=30	Pass
		Inner_Full	24.26	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Left	24.35	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Right	24.45	/	/	21.67	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	22.75	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	19.94	/	/	<=30	Pass
		Outer_Full	22.92	/	/	20.14	/	/	<=30	Pass
		Inner_Full	24.40	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Left	24.61	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Right	24.34	/	/	21.56	/	/	<=30	Pass
CP-OFDM 16 QAM	3462.51	Edge_1RB_Left	22.37	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	19.75	/	/	<=30	Pass
		Outer_Full	23.07	/	/	20.29	/	/	<=30	Pass
		Inner_Full	24.05	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Right	24.02	/	/	21.24	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.11	/	/	19.33	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.67	/	/	<=30	Pass
		Outer_Full	22.84	/	/	20.06	/	/	<=30	Pass
		Inner_Full	23.79	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Left	23.56	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Right	23.90	/	/	21.12	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	22.49	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	19.60	/	/	<=30	Pass
		Outer_Full	22.93	/	/	20.15	/	/	<=30	Pass
		Inner_Full	23.88	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Right	23.78	/	/	21.00	/	/	<=30	Pass
CP-OFDM 64 QAM	3462.51	Edge_1RB_Left	22.72	/	/	19.94	/	/	<=30	Pass

		Edge 1RB Right	22.78	/	/	20.00	/	/	<=30	Pass
		Outer_Full	22.65	/	/	19.87	/	/	<=30	Pass
		Inner_Full	22.65	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	19.94	/	/	<=30	Pass
		Inner_1RB_Right	22.78	/	/	20.00	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.50	/	/	19.72	/	/	<=30	Pass
		Edge 1RB Right	22.70	/	/	19.92	/	/	<=30	Pass
		Outer_Full	22.35	/	/	19.57	/	/	<=30	Pass
		Inner_Full	22.35	/	/	19.57	/	/	<=30	Pass
		Inner_1RB_Left	22.50	/	/	19.72	/	/	<=30	Pass
	3537.48	Inner_1RB_Right	22.67	/	/	19.89	/	/	<=30	Pass
		Edge 1RB Left	22.70	/	/	19.92	/	/	<=30	Pass
		Edge 1RB Right	22.68	/	/	19.90	/	/	<=30	Pass
		Outer_Full	22.51	/	/	19.73	/	/	<=30	Pass
		Inner_Full	22.53	/	/	19.75	/	/	<=30	Pass
CP-OFDM 256 QAM	3462.51	Inner_1RB_Left	22.80	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Right	22.67	/	/	19.89	/	/	<=30	Pass
		Edge 1RB Left	19.74	/	/	16.96	/	/	<=30	Pass
		Edge 1RB Right	19.89	/	/	17.11	/	/	<=30	Pass
		Outer_Full	19.79	/	/	17.01	/	/	<=30	Pass
	3500.01	Inner_Full	19.77	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Left	19.78	/	/	17.00	/	/	<=30	Pass
		Inner_1RB_Right	19.94	/	/	17.16	/	/	<=30	Pass
		Edge 1RB Left	19.51	/	/	16.73	/	/	<=30	Pass
		Edge 1RB Right	19.69	/	/	16.91	/	/	<=30	Pass
	3537.48	Outer_Full	19.56	/	/	16.78	/	/	<=30	Pass
		Inner_Full	19.49	/	/	16.71	/	/	<=30	Pass
		Inner_1RB_Left	19.56	/	/	16.78	/	/	<=30	Pass
		Inner_1RB_Right	19.74	/	/	16.96	/	/	<=30	Pass
		Edge 1RB Left	19.77	/	/	16.99	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.78dBi; 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)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3465	Edge 1RB Left	22.55	/	/	19.77	/	/	<=30	Pass
		Edge 1RB Right	22.53	/	/	19.75	/	/	<=30	Pass
		Outer Full	25.59	/	/	22.81	/	/	<=30	Pass
		Inner Full	26.07	/	/	23.29	/	/	<=30	Pass
		Inner 1RB Left	25.98	/	/	23.20	/	/	<=30	Pass
		Inner 1RB Right	25.96	/	/	23.18	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.40	/	/	19.62	/	/	<=30	Pass
		Edge 1RB Right	22.69	/	/	19.91	/	/	<=30	Pass
		Outer Full	25.42	/	/	22.64	/	/	<=30	Pass
		Inner Full	25.90	/	/	23.12	/	/	<=30	Pass
		Inner 1RB Left	25.80	/	/	23.02	/	/	<=30	Pass
		Inner 1RB Right	26.10	/	/	23.32	/	/	<=30	Pass
	3534.99	Edge 1RB Left	22.74	/	/	19.96	/	/	<=30	Pass
		Edge 1RB Right	22.63	/	/	19.85	/	/	<=30	Pass
		Outer Full	25.64	/	/	22.86	/	/	<=30	Pass

		Inner_Full	26.12	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Left	26.18	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	26.07	/	/	23.29	/	/	<=30	Pass
DFT-s-OFDM QPSK	3465	Edge_1RB_Left	22.54	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	19.75	/	/	<=30	Pass
		Outer_Full	25.08	/	/	22.30	/	/	<=30	Pass
		Inner_Full	26.03	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	25.93	/	/	23.15	/	/	<=30	Pass
		Edge_1RB_Left	22.37	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	19.86	/	/	<=30	Pass
		Outer_Full	24.90	/	/	22.12	/	/	<=30	Pass
	3500.01	Inner_Full	25.82	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Left	25.75	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Right	26.07	/	/	23.29	/	/	<=30	Pass
		Edge_1RB_Left	22.73	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	19.81	/	/	<=30	Pass
		Outer_Full	25.13	/	/	22.35	/	/	<=30	Pass
	3534.99	Inner_Full	26.07	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Left	26.14	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Right	26.00	/	/	23.22	/	/	<=30	Pass
		Edge_1RB_Left	22.38	/	/	19.60	/	/	<=30	Pass
Edge_1RB_Right		22.27	/	/	19.49	/	/	<=30	Pass	
Outer_Full		24.12	/	/	21.34	/	/	<=30	Pass	
DFT-s-OFDM 16 QAM	3465	Inner_Full	25.11	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Left	24.81	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Right	24.74	/	/	21.96	/	/	<=30	Pass
		Edge_1RB_Left	22.15	/	/	19.37	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	19.68	/	/	<=30	Pass
		Outer_Full	23.88	/	/	21.10	/	/	<=30	Pass
	3500.01	Inner_Full	24.86	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Left	24.51	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Right	24.90	/	/	22.12	/	/	<=30	Pass
		Edge_1RB_Left	22.56	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.66	/	/	<=30	Pass
		Outer_Full	24.12	/	/	21.34	/	/	<=30	Pass
	3534.99	Inner_Full	25.14	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Left	25.00	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Right	24.73	/	/	21.95	/	/	<=30	Pass
		Edge_1RB_Left	22.93	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	20.06	/	/	<=30	Pass
		Outer_Full	23.61	/	/	20.83	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Inner_Full	23.59	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	21.04	/	/	<=30	Pass
		Edge_1RB_Left	22.65	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	20.24	/	/	<=30	Pass
		Outer_Full	23.44	/	/	20.66	/	/	<=30	Pass
	3500.01	Inner_Full	23.35	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Right	23.84	/	/	21.06	/	/	<=30	Pass
		Edge_1RB_Left	22.98	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	20.15	/	/	<=30	Pass
		Outer_Full	23.69	/	/	20.91	/	/	<=30	Pass
	3534.99	Inner_Full	23.58	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Left	23.93	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Right	23.80	/	/	21.02	/	/	<=30	Pass
		Edge_1RB_Left	21.73	/	/	18.95	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	18.99	/	/	<=30	Pass
		DFT-s-OFDM 256 QAM	3465							

		Outer_Full	21.69	/	/	18.91	/	/	<=30	Pass
		Inner_Full	21.62	/	/	18.84	/	/	<=30	Pass
		Inner_1RB_Left	21.69	/	/	18.91	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	19.00	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.63	/	/	18.85	/	/	<=30	Pass
		Edge_1RB_Right	21.79	/	/	19.01	/	/	<=30	Pass
		Outer_Full	21.54	/	/	18.76	/	/	<=30	Pass
		Inner_Full	21.43	/	/	18.65	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	18.84	/	/	<=30	Pass
		Inner_1RB_Right	21.75	/	/	18.97	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	21.88	/	/	19.10	/	/	<=30	Pass
		Edge_1RB_Right	21.76	/	/	18.98	/	/	<=30	Pass
		Outer_Full	21.73	/	/	18.95	/	/	<=30	Pass
		Inner_Full	21.68	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Left	21.93	/	/	19.15	/	/	<=30	Pass
		Inner_1RB_Right	21.74	/	/	18.96	/	/	<=30	Pass
CP-OFDM QPSK	3465	Edge_1RB_Left	22.72	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	19.75	/	/	<=30	Pass
		Outer_Full	23.10	/	/	20.32	/	/	<=30	Pass
		Inner_Full	24.55	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	24.52	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	21.81	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.61	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	20.02	/	/	<=30	Pass
		Outer_Full	22.91	/	/	20.13	/	/	<=30	Pass
		Inner_Full	24.43	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Left	24.37	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Right	24.60	/	/	21.82	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.85	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	20.02	/	/	<=30	Pass
		Outer_Full	23.13	/	/	20.35	/	/	<=30	Pass
		Inner_Full	24.62	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Left	24.86	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Right	24.70	/	/	21.92	/	/	<=30	Pass
CP-OFDM 16 QAM	3465	Edge_1RB_Left	22.40	/	/	19.62	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	19.62	/	/	<=30	Pass
		Outer_Full	23.11	/	/	20.33	/	/	<=30	Pass
		Inner_Full	24.05	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Left	23.87	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Right	23.95	/	/	21.17	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.23	/	/	19.45	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	19.86	/	/	<=30	Pass
		Outer_Full	22.95	/	/	20.17	/	/	<=30	Pass
		Inner_Full	23.86	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Right	24.03	/	/	21.25	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.69	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	19.75	/	/	<=30	Pass
		Outer_Full	23.18	/	/	20.40	/	/	<=30	Pass
		Inner_Full	24.10	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	24.15	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Right	23.90	/	/	21.12	/	/	<=30	Pass
CP-OFDM 64 QAM	3465	Edge_1RB_Left	22.73	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	20.04	/	/	<=30	Pass
		Outer_Full	22.62	/	/	19.84	/	/	<=30	Pass
		Inner_Full	22.61	/	/	19.83	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	19.94	/	/	<=30	Pass
		Inner_1RB_Right	22.76	/	/	19.98	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.58	/	/	19.80	/	/	<=30	Pass

		Edge_1RB_Right	22.91	/	/	20.13	/	/	<=30	Pass
		Outer_Full	22.46	/	/	19.68	/	/	<=30	Pass
		Inner_Full	22.38	/	/	19.60	/	/	<=30	Pass
		Inner_1RB_Left	22.56	/	/	19.78	/	/	<=30	Pass
		Inner_1RB_Right	22.84	/	/	20.06	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	23.00	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	20.10	/	/	<=30	Pass
		Outer_Full	22.68	/	/	19.90	/	/	<=30	Pass
		Inner_Full	22.67	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Left	23.00	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Right	22.84	/	/	20.06	/	/	<=30	Pass
	CP-OFDM 256 QAM	3465	Edge_1RB_Left	19.74	/	/	16.96	/	/	<=30
Edge_1RB_Right			19.84	/	/	17.06	/	/	<=30	Pass
Outer_Full			19.73	/	/	16.95	/	/	<=30	Pass
Inner_Full			19.69	/	/	16.91	/	/	<=30	Pass
Inner_1RB_Left			19.78	/	/	17.00	/	/	<=30	Pass
Inner_1RB_Right			19.84	/	/	17.06	/	/	<=30	Pass
3500.01		Edge_1RB_Left	19.72	/	/	16.94	/	/	<=30	Pass
		Edge_1RB_Right	19.88	/	/	17.10	/	/	<=30	Pass
		Outer_Full	19.57	/	/	16.79	/	/	<=30	Pass
		Inner_Full	19.50	/	/	16.72	/	/	<=30	Pass
		Inner_1RB_Left	19.69	/	/	16.91	/	/	<=30	Pass
		Inner_1RB_Right	19.88	/	/	17.10	/	/	<=30	Pass
3534.99		Edge_1RB_Left	19.94	/	/	17.16	/	/	<=30	Pass
		Edge_1RB_Right	19.83	/	/	17.05	/	/	<=30	Pass
		Outer_Full	19.74	/	/	16.96	/	/	<=30	Pass
		Inner_Full	19.74	/	/	16.96	/	/	<=30	Pass
		Inner_1RB_Left	19.96	/	/	17.18	/	/	<=30	Pass
		Inner_1RB_Right	19.80	/	/	17.02	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.78dBi; 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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Edge_1RB_Left	22.59	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	19.63	/	/	<=30	Pass
		Outer_Full	25.61	/	/	22.83	/	/	<=30	Pass
		Inner_Full	26.18	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	26.02	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	25.83	/	/	23.05	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.50	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	19.91	/	/	<=30	Pass
		Outer_Full	25.45	/	/	22.67	/	/	<=30	Pass
		Inner_Full	25.87	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	25.89	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	26.13	/	/	23.35	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.54	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	19.75	/	/	<=30	Pass
		Outer_Full	25.60	/	/	22.82	/	/	<=30	Pass
		Inner_Full	26.14	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Right	25.97	/	/	23.19	/	/	<=30	Pass
DFT-s-OFDM QPSK	3470.01	Edge_1RB_Left	22.56	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	19.59	/	/	<=30	Pass
		Outer_Full	25.13	/	/	22.35	/	/	<=30	Pass

		Inner_Full	26.12	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	25.79	/	/	23.01	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.48	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	19.89	/	/	<=30	Pass
		Outer_Full	24.93	/	/	22.15	/	/	<=30	Pass
		Inner_Full	25.87	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Right	26.14	/	/	23.36	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.51	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	19.77	/	/	<=30	Pass
		Outer_Full	25.13	/	/	22.35	/	/	<=30	Pass
		Inner_Full	26.12	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	23.16	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Edge_1RB_Left	22.31	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	19.42	/	/	<=30	Pass
		Outer_Full	24.11	/	/	21.33	/	/	<=30	Pass
		Inner_Full	25.14	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	24.75	/	/	21.97	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.25	/	/	19.47	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	19.68	/	/	<=30	Pass
		Outer_Full	23.95	/	/	21.17	/	/	<=30	Pass
		Inner_Full	24.89	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	25.06	/	/	22.28	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.40	/	/	19.62	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	19.51	/	/	<=30	Pass
		Outer_Full	24.09	/	/	21.31	/	/	<=30	Pass
		Inner_Full	25.11	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Left	24.75	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Right	24.87	/	/	22.09	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Edge_1RB_Left	22.89	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	19.94	/	/	<=30	Pass
		Outer_Full	23.62	/	/	20.84	/	/	<=30	Pass
		Inner_Full	23.66	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Left	23.87	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	20.93	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.83	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	20.20	/	/	<=30	Pass
		Outer_Full	23.47	/	/	20.69	/	/	<=30	Pass
		Inner_Full	23.38	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Left	23.75	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Right	24.02	/	/	21.24	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.89	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	20.08	/	/	<=30	Pass
		Outer_Full	23.62	/	/	20.84	/	/	<=30	Pass
		Inner_Full	23.67	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Right	23.80	/	/	21.02	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Edge_1RB_Left	21.71	/	/	18.93	/	/	<=30	Pass
		Edge_1RB_Right	21.58	/	/	18.80	/	/	<=30	Pass
		Outer_Full	21.80	/	/	19.02	/	/	<=30	Pass
		Inner_Full	21.79	/	/	19.01	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	18.95	/	/	<=30	Pass
		Inner_1RB_Right	21.60	/	/	18.82	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.72	/	/	18.94	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	19.08	/	/	<=30	Pass

		Outer_Full	21.58	/	/	18.80	/	/	<=30	Pass
		Inner_Full	21.52	/	/	18.74	/	/	<=30	Pass
		Inner_1RB_Left	21.71	/	/	18.93	/	/	<=30	Pass
		Inner_1RB_Right	21.84	/	/	19.06	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	21.68	/	/	18.90	/	/	<=30	Pass
		Edge_1RB_Right	21.65	/	/	18.87	/	/	<=30	Pass
		Outer_Full	21.71	/	/	18.93	/	/	<=30	Pass
		Inner_Full	21.73	/	/	18.95	/	/	<=30	Pass
		Inner_1RB_Left	21.71	/	/	18.93	/	/	<=30	Pass
		Inner_1RB_Right	21.70	/	/	18.92	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Edge_1RB_Left	22.61	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	19.84	/	/	<=30	Pass
		Outer_Full	23.11	/	/	20.33	/	/	<=30	Pass
		Inner_Full	24.64	/	/	21.86	/	/	<=30	Pass
		Inner_1RB_Left	24.56	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Right	24.42	/	/	21.64	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.52	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	20.13	/	/	<=30	Pass
		Outer_Full	22.96	/	/	20.18	/	/	<=30	Pass
		Inner_Full	24.33	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Left	24.48	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Right	24.60	/	/	21.82	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.72	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	19.92	/	/	<=30	Pass
		Outer_Full	23.07	/	/	20.29	/	/	<=30	Pass
		Inner_Full	24.59	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Left	24.48	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Right	24.51	/	/	21.73	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Edge_1RB_Left	22.51	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	19.46	/	/	<=30	Pass
		Outer_Full	23.13	/	/	20.35	/	/	<=30	Pass
		Inner_Full	24.11	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Right	23.85	/	/	21.07	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.27	/	/	19.49	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	19.59	/	/	<=30	Pass
		Outer_Full	23.00	/	/	20.22	/	/	<=30	Pass
		Inner_Full	23.86	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Right	24.14	/	/	21.36	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.44	/	/	19.66	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.66	/	/	<=30	Pass
		Outer_Full	23.09	/	/	20.31	/	/	<=30	Pass
		Inner_Full	24.11	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Right	23.87	/	/	21.09	/	/	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge_1RB_Left	22.70	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	19.79	/	/	<=30	Pass
		Outer_Full	22.68	/	/	19.90	/	/	<=30	Pass
		Inner_Full	22.70	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Left	22.78	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Right	22.57	/	/	19.79	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.68	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	20.09	/	/	<=30	Pass
		Outer_Full	22.44	/	/	19.66	/	/	<=30	Pass
		Inner_Full	22.45	/	/	19.67	/	/	<=30	Pass
		Inner_1RB_Left	22.70	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Right	22.92	/	/	20.14	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.78	/	/	20.00	/	/	<=30	Pass

		Edge 1RB Right	22.70	/	/	19.92	/	/	<=30	Pass
		Outer_Full	22.56	/	/	19.78	/	/	<=30	Pass
		Inner_Full	22.63	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Right	22.76	/	/	19.98	/	/	<=30	Pass
CP-OFDM 256 QAM	3470.01	Edge_1RB_Left	19.79	/	/	17.01	/	/	<=30	Pass
		Edge_1RB_Right	19.65	/	/	16.87	/	/	<=30	Pass
		Outer_Full	19.81	/	/	17.03	/	/	<=30	Pass
		Inner_Full	19.84	/	/	17.06	/	/	<=30	Pass
		Inner_1RB_Left	19.76	/	/	16.98	/	/	<=30	Pass
		Inner_1RB_Right	19.66	/	/	16.88	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.77	/	/	16.99	/	/	<=30	Pass
		Edge_1RB_Right	19.88	/	/	17.10	/	/	<=30	Pass
		Outer_Full	19.63	/	/	16.85	/	/	<=30	Pass
		Inner_Full	19.56	/	/	16.78	/	/	<=30	Pass
		Inner_1RB_Left	19.80	/	/	17.02	/	/	<=30	Pass
		Inner_1RB_Right	19.90	/	/	17.12	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	19.77	/	/	16.99	/	/	<=30	Pass
		Edge_1RB_Right	19.76	/	/	16.98	/	/	<=30	Pass
		Outer_Full	19.70	/	/	16.92	/	/	<=30	Pass
Inner_Full		19.73	/	/	16.95	/	/	<=30	Pass	
Inner_1RB_Left		19.76	/	/	16.98	/	/	<=30	Pass	
		Inner_1RB_Right	19.71	/	/	16.93	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.78dBi; 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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3475.02	Edge_1RB_Left	22.50	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	19.40	/	/	<=30	Pass
		Outer_Full	25.46	/	/	22.68	/	/	<=30	Pass
		Inner_Full	26.10	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	25.92	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Right	25.61	/	/	22.83	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.47	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	19.86	/	/	<=30	Pass
		Outer_Full	25.51	/	/	22.73	/	/	<=30	Pass
		Inner_Full	25.98	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Right	26.06	/	/	23.28	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.24	/	/	19.46	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.66	/	/	<=30	Pass
		Outer_Full	25.54	/	/	22.76	/	/	<=30	Pass
		Inner_Full	26.15	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Left	25.64	/	/	22.86	/	/	<=30	Pass
		Inner_1RB_Right	25.83	/	/	23.05	/	/	<=30	Pass
DFT-s-OFDM QPSK	3475.02	Edge_1RB_Left	22.49	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	19.40	/	/	<=30	Pass
		Outer_Full	25.04	/	/	22.26	/	/	<=30	Pass
		Inner_Full	26.07	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Left	25.89	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	25.58	/	/	22.80	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.49	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	19.85	/	/	<=30	Pass
		Outer_Full	25.01	/	/	22.23	/	/	<=30	Pass

		Inner_Full	25.94	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Left	25.94	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Right	26.05	/	/	23.27	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.25	/	/	19.47	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	19.63	/	/	<=30	Pass
		Outer_Full	25.05	/	/	22.27	/	/	<=30	Pass
		Inner_Full	26.16	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	25.65	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Right	25.82	/	/	23.04	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Edge_1RB_Left	22.33	/	/	19.55	/	/	<=30	Pass
		Edge_1RB_Right	21.91	/	/	19.13	/	/	<=30	Pass
		Outer_Full	24.06	/	/	21.28	/	/	<=30	Pass
		Inner_Full	25.03	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Left	24.72	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Right	24.41	/	/	21.63	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.36	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	19.62	/	/	<=30	Pass
		Outer_Full	24.03	/	/	21.25	/	/	<=30	Pass
		Inner_Full	24.89	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Right	24.91	/	/	22.13	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.01	/	/	19.23	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	19.45	/	/	<=30	Pass
		Outer_Full	24.05	/	/	21.27	/	/	<=30	Pass
		Inner_Full	25.08	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Left	24.46	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Right	24.65	/	/	21.87	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Edge_1RB_Left	22.90	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	19.70	/	/	<=30	Pass
		Outer_Full	23.57	/	/	20.79	/	/	<=30	Pass
		Inner_Full	23.63	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	20.99	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	20.67	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.83	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	20.14	/	/	<=30	Pass
		Outer_Full	23.54	/	/	20.76	/	/	<=30	Pass
		Inner_Full	23.44	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	21.04	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.49	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	19.80	/	/	<=30	Pass
		Outer_Full	23.56	/	/	20.78	/	/	<=30	Pass
		Inner_Full	23.70	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	20.85	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.02	Edge_1RB_Left	21.60	/	/	18.82	/	/	<=30	Pass
		Edge_1RB_Right	21.36	/	/	18.58	/	/	<=30	Pass
		Outer_Full	21.69	/	/	18.91	/	/	<=30	Pass
		Inner_Full	21.81	/	/	19.03	/	/	<=30	Pass
		Inner_1RB_Left	21.63	/	/	18.85	/	/	<=30	Pass
		Inner_1RB_Right	21.35	/	/	18.57	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.78	/	/	19.00	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	18.93	/	/	<=30	Pass
		Outer_Full	21.71	/	/	18.93	/	/	<=30	Pass
		Inner_Full	21.58	/	/	18.80	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	18.97	/	/	<=30	Pass
		Inner_1RB_Right	21.72	/	/	18.94	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.36	/	/	18.58	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	18.72	/	/	<=30	Pass

		Outer_Full	21.67	/	/	18.89	/	/	<=30	Pass
		Inner_Full	21.73	/	/	18.95	/	/	<=30	Pass
		Inner_1RB_Left	21.41	/	/	18.63	/	/	<=30	Pass
		Inner_1RB_Right	21.54	/	/	18.76	/	/	<=30	Pass
CP-OFDM QPSK	3475.02	Edge_1RB_Left	22.36	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	19.34	/	/	<=30	Pass
		Outer_Full	22.96	/	/	20.18	/	/	<=30	Pass
		Inner_Full	24.52	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Left	24.46	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Right	24.15	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Left	22.57	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	19.76	/	/	<=30	Pass
	3500.01	Outer_Full	22.99	/	/	20.21	/	/	<=30	Pass
		Inner_Full	24.44	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Left	24.57	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	21.77	/	/	<=30	Pass
		Edge_1RB_Left	22.21	/	/	19.43	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	19.50	/	/	<=30	Pass
	3525	Outer_Full	23.01	/	/	20.23	/	/	<=30	Pass
		Inner_Full	24.61	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Left	24.19	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Right	24.45	/	/	21.67	/	/	<=30	Pass
		Edge_1RB_Left	22.35	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	19.31	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.02	Outer_Full	23.01	/	/	20.23	/	/	<=30	Pass
		Inner_Full	24.07	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Left	23.68	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	20.77	/	/	<=30	Pass
		Edge_1RB_Left	22.43	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	19.77	/	/	<=30	Pass
	3500.01	Outer_Full	23.02	/	/	20.24	/	/	<=30	Pass
		Inner_Full	23.96	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Left	23.90	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Right	23.90	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Left	22.10	/	/	19.32	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	19.53	/	/	<=30	Pass
	3525	Outer_Full	23.04	/	/	20.26	/	/	<=30	Pass
		Inner_Full	24.13	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Left	23.65	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	20.93	/	/	<=30	Pass
		Edge_1RB_Left	22.61	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	19.52	/	/	<=30	Pass
CP-OFDM 64 QAM	3475.02	Outer_Full	22.51	/	/	19.73	/	/	<=30	Pass
		Inner_Full	22.59	/	/	19.81	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	19.96	/	/	<=30	Pass
		Inner_1RB_Right	22.39	/	/	19.61	/	/	<=30	Pass
		Edge_1RB_Left	22.72	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	20.10	/	/	<=30	Pass
	3500.01	Outer_Full	22.49	/	/	19.71	/	/	<=30	Pass
		Inner_Full	22.51	/	/	19.73	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	19.96	/	/	<=30	Pass
		Inner_1RB_Right	22.79	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Left	22.38	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	19.81	/	/	<=30	Pass
	3525	Outer_Full	22.56	/	/	19.78	/	/	<=30	Pass
		Inner_Full	22.69	/	/	19.91	/	/	<=30	Pass
		Inner_1RB_Left	22.40	/	/	19.62	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Left	19.69	/	/	16.91	/	/	<=30	Pass
		Edge_1RB_Right	19.69	/	/	16.91	/	/	<=30	Pass
CP-OFDM 256 QAM	3475.02	Edge_1RB_Left	19.69	/	/	16.91	/	/	<=30	Pass

		Edge 1RB Right	19.42	/	/	16.64	/	/	<=30	Pass
		Outer_Full	19.67	/	/	16.89	/	/	<=30	Pass
		Inner_Full	19.81	/	/	17.03	/	/	<=30	Pass
		Inner_1RB Left	19.68	/	/	16.90	/	/	<=30	Pass
		Inner_1RB Right	19.37	/	/	16.59	/	/	<=30	Pass
	3500.01	Edge 1RB Left	19.82	/	/	17.04	/	/	<=30	Pass
		Edge 1RB Right	19.82	/	/	17.04	/	/	<=30	Pass
		Outer_Full	19.70	/	/	16.92	/	/	<=30	Pass
		Inner_Full	19.61	/	/	16.83	/	/	<=30	Pass
		Inner_1RB Left	19.86	/	/	17.08	/	/	<=30	Pass
	3525	Inner_1RB Right	19.83	/	/	17.05	/	/	<=30	Pass
		Edge 1RB Left	19.43	/	/	16.65	/	/	<=30	Pass
		Edge 1RB Right	19.58	/	/	16.80	/	/	<=30	Pass
		Outer_Full	19.64	/	/	16.86	/	/	<=30	Pass
		Inner_Full	19.75	/	/	16.97	/	/	<=30	Pass
		Inner_1RB Left	19.48	/	/	16.70	/	/	<=30	Pass
		Inner_1RB Right	19.59	/	/	16.81	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.78dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_60MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 60MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3480	Edge 1RB Left	22.48	/	/	19.70	/	/	<=30	Pass
		Edge 1RB Right	22.51	/	/	19.73	/	/	<=30	Pass
		Outer Full	24.98	/	/	22.20	/	/	<=30	Pass
		Inner Full	26.05	/	/	23.27	/	/	<=30	Pass
		Inner 1RB Left	25.95	/	/	23.17	/	/	<=30	Pass
		Inner 1RB Right	25.87	/	/	23.09	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.44	/	/	19.66	/	/	<=30	Pass
		Edge 1RB Right	22.57	/	/	19.79	/	/	<=30	Pass
		Outer Full	25.50	/	/	22.72	/	/	<=30	Pass
		Inner Full	25.86	/	/	23.08	/	/	<=30	Pass
		Inner 1RB Left	25.92	/	/	23.14	/	/	<=30	Pass
		Inner 1RB Right	25.99	/	/	23.21	/	/	<=30	Pass
	3519.99	Edge 1RB Left	22.29	/	/	19.51	/	/	<=30	Pass
		Edge 1RB Right	22.53	/	/	19.75	/	/	<=30	Pass
		Outer Full	25.51	/	/	22.73	/	/	<=30	Pass
		Inner Full	26.15	/	/	23.37	/	/	<=30	Pass
		Inner 1RB Left	25.67	/	/	22.89	/	/	<=30	Pass
		Inner 1RB Right	25.92	/	/	23.14	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Edge 1RB Left	22.43	/	/	19.65	/	/	<=30	Pass
		Edge 1RB Right	22.51	/	/	19.73	/	/	<=30	Pass
		Outer Full	24.95	/	/	22.17	/	/	<=30	Pass
		Inner Full	26.06	/	/	23.28	/	/	<=30	Pass
		Inner 1RB Left	25.88	/	/	23.10	/	/	<=30	Pass
		Inner 1RB Right	25.87	/	/	23.09	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.42	/	/	19.64	/	/	<=30	Pass
		Edge 1RB Right	22.51	/	/	19.73	/	/	<=30	Pass
		Outer Full	25.02	/	/	22.24	/	/	<=30	Pass
		Inner Full	25.85	/	/	23.07	/	/	<=30	Pass
		Inner 1RB Left	25.86	/	/	23.08	/	/	<=30	Pass
		Inner 1RB Right	25.94	/	/	23.16	/	/	<=30	Pass
	3519.99	Edge 1RB Left	22.26	/	/	19.48	/	/	<=30	Pass
		Edge 1RB Right	22.55	/	/	19.77	/	/	<=30	Pass
		Outer Full	25.01	/	/	22.23	/	/	<=30	Pass

		Inner_Full	26.13	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Left	25.69	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Right	25.95	/	/	23.17	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Edge_1RB_Left	22.22	/	/	19.44	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	19.48	/	/	<=30	Pass
		Outer_Full	23.98	/	/	21.20	/	/	<=30	Pass
		Inner_Full	25.07	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Left	24.79	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Right	24.69	/	/	21.91	/	/	<=30	Pass
		Edge_1RB_Left	22.16	/	/	19.38	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	22.29	/	/	19.51	/	/	<=30	Pass
		Outer_Full	24.00	/	/	21.22	/	/	<=30	Pass
		Inner_Full	24.86	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Left	24.70	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Right	24.76	/	/	21.98	/	/	<=30	Pass
		Edge_1RB_Left	22.03	/	/	19.25	/	/	<=30	Pass
	3519.99	Edge_1RB_Right	22.25	/	/	19.47	/	/	<=30	Pass
		Outer_Full	24.01	/	/	21.23	/	/	<=30	Pass
		Inner_Full	25.14	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Left	24.51	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Right	24.76	/	/	21.98	/	/	<=30	Pass
		Edge_1RB_Left	22.81	/	/	20.03	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Edge_1RB_Right	22.80	/	/	20.02	/	/	<=30	Pass
		Outer_Full	23.51	/	/	20.73	/	/	<=30	Pass
		Inner_Full	23.62	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Left	23.73	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	20.96	/	/	<=30	Pass
		Edge_1RB_Left	22.76	/	/	19.98	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	22.81	/	/	20.03	/	/	<=30	Pass
		Outer_Full	23.53	/	/	20.75	/	/	<=30	Pass
		Inner_Full	23.44	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Left	22.57	/	/	19.79	/	/	<=30	Pass
	3519.99	Edge_1RB_Right	22.75	/	/	19.97	/	/	<=30	Pass
		Outer_Full	23.50	/	/	20.72	/	/	<=30	Pass
		Inner_Full	23.72	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Left	23.58	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	20.96	/	/	<=30	Pass
		Edge_1RB_Left	21.59	/	/	18.81	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Edge_1RB_Right	21.58	/	/	18.80	/	/	<=30	Pass
		Outer_Full	21.65	/	/	18.87	/	/	<=30	Pass
		Inner_Full	21.79	/	/	19.01	/	/	<=30	Pass
		Inner_1RB_Left	21.58	/	/	18.80	/	/	<=30	Pass
		Inner_1RB_Right	21.57	/	/	18.79	/	/	<=30	Pass
		Edge_1RB_Left	21.67	/	/	18.89	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	21.69	/	/	18.91	/	/	<=30	Pass
		Outer_Full	21.65	/	/	18.87	/	/	<=30	Pass
		Inner_Full	21.61	/	/	18.83	/	/	<=30	Pass
		Inner_1RB_Left	21.65	/	/	18.87	/	/	<=30	Pass
		Inner_1RB_Right	21.68	/	/	18.90	/	/	<=30	Pass
		Edge_1RB_Left	21.43	/	/	18.65	/	/	<=30	Pass
	3519.99	Edge_1RB_Right	21.61	/	/	18.83	/	/	<=30	Pass
		Outer_Full	21.67	/	/	18.89	/	/	<=30	Pass
		Inner_Full	21.84	/	/	19.06	/	/	<=30	Pass
		Inner_1RB_Left	21.43	/	/	18.65	/	/	<=30	Pass
		Inner_1RB_Right	21.62	/	/	18.84	/	/	<=30	Pass
		Edge_1RB_Left	22.62	/	/	19.84	/	/	<=30	Pass
CP-OFDM QPSK	3480	Edge_1RB_Right	22.48	/	/	19.70	/	/	<=30	Pass

		Outer_Full	22.95	/	/	20.17	/	/	<=30	Pass
		Inner_Full	24.52	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Left	24.37	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Right	24.41	/	/	21.63	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.53	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	19.87	/	/	<=30	Pass
		Outer_Full	22.97	/	/	20.19	/	/	<=30	Pass
		Inner_Full	24.37	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Left	24.52	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Right	24.40	/	/	21.62	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.31	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	19.77	/	/	<=30	Pass
		Outer_Full	23.01	/	/	20.23	/	/	<=30	Pass
		Inner_Full	24.62	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Left	24.27	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Right	24.40	/	/	21.62	/	/	<=30	Pass
CP-OFDM 16 QAM	3480	Edge_1RB_Left	22.27	/	/	19.49	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	19.68	/	/	<=30	Pass
		Outer_Full	22.93	/	/	20.15	/	/	<=30	Pass
		Inner_Full	23.99	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	21.03	/	/	<=30	Pass
		Inner_1RB_Right	23.85	/	/	21.07	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.39	/	/	19.61	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	19.54	/	/	<=30	Pass
		Outer_Full	22.95	/	/	20.17	/	/	<=30	Pass
		Inner_Full	23.83	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	20.99	/	/	<=30	Pass
		Inner_1RB_Right	23.87	/	/	21.09	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.13	/	/	19.35	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	19.55	/	/	<=30	Pass
		Outer_Full	22.99	/	/	20.21	/	/	<=30	Pass
		Inner_Full	24.10	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	23.67	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	20.96	/	/	<=30	Pass
CP-OFDM 64 QAM	3480	Edge_1RB_Left	22.76	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	19.91	/	/	<=30	Pass
		Outer_Full	22.50	/	/	19.72	/	/	<=30	Pass
		Inner_Full	22.58	/	/	19.80	/	/	<=30	Pass
		Inner_1RB_Left	22.53	/	/	19.75	/	/	<=30	Pass
		Inner_1RB_Right	22.67	/	/	19.89	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.67	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	19.93	/	/	<=30	Pass
		Outer_Full	22.47	/	/	19.69	/	/	<=30	Pass
		Inner_Full	22.44	/	/	19.66	/	/	<=30	Pass
		Inner_1RB_Left	22.67	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Right	22.69	/	/	19.91	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.45	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	19.92	/	/	<=30	Pass
		Outer_Full	22.52	/	/	19.74	/	/	<=30	Pass
		Inner_Full	22.68	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Left	22.50	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Right	22.71	/	/	19.93	/	/	<=30	Pass
CP-OFDM 256 QAM	3480	Edge_1RB_Left	19.62	/	/	16.84	/	/	<=30	Pass
		Edge_1RB_Right	19.67	/	/	16.89	/	/	<=30	Pass
		Outer_Full	19.64	/	/	16.86	/	/	<=30	Pass
		Inner_Full	19.78	/	/	17.00	/	/	<=30	Pass
		Inner_1RB_Left	19.65	/	/	16.87	/	/	<=30	Pass
		Inner_1RB_Right	19.62	/	/	16.84	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.75	/	/	16.97	/	/	<=30	Pass

		Edge 1RB Right	19.71	/	/	16.93	/	/	<=30	Pass
		Outer_Full	19.62	/	/	16.84	/	/	<=30	Pass
		Inner_Full	19.56	/	/	16.78	/	/	<=30	Pass
		Inner_1RB_Left	19.75	/	/	16.97	/	/	<=30	Pass
		Inner_1RB_Right	19.74	/	/	16.96	/	/	<=30	Pass
	3519.99	Edge 1RB Left	19.50	/	/	16.72	/	/	<=30	Pass
		Edge 1RB Right	19.70	/	/	16.92	/	/	<=30	Pass
		Outer_Full	19.66	/	/	16.88	/	/	<=30	Pass
		Inner_Full	19.80	/	/	17.02	/	/	<=30	Pass
		Inner_1RB_Left	19.51	/	/	16.73	/	/	<=30	Pass
		Inner_1RB_Right	19.68	/	/	16.90	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.78dBi; 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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3485.01	Edge 1RB Left	22.56	/	/	19.78	/	/	<=30	Pass
		Edge 1RB Right	22.67	/	/	19.89	/	/	<=30	Pass
		Outer Full	25.60	/	/	22.82	/	/	<=30	Pass
		Inner Full	26.08	/	/	23.30	/	/	<=30	Pass
		Inner 1RB Left	26.00	/	/	23.22	/	/	<=30	Pass
		Inner 1RB Right	26.15	/	/	23.37	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.56	/	/	19.78	/	/	<=30	Pass
		Edge 1RB Right	22.56	/	/	19.78	/	/	<=30	Pass
		Outer Full	25.66	/	/	22.88	/	/	<=30	Pass
		Inner Full	26.04	/	/	23.26	/	/	<=30	Pass
		Inner 1RB Left	26.03	/	/	23.25	/	/	<=30	Pass
		Inner 1RB Right	26.01	/	/	23.23	/	/	<=30	Pass
	3514.98	Edge 1RB Left	22.58	/	/	19.80	/	/	<=30	Pass
		Edge 1RB Right	22.65	/	/	19.87	/	/	<=30	Pass
		Outer Full	25.74	/	/	22.96	/	/	<=30	Pass
		Inner Full	26.32	/	/	23.54	/	/	<=30	Pass
		Inner 1RB Left	26.03	/	/	23.25	/	/	<=30	Pass
		Inner 1RB Right	26.13	/	/	23.35	/	/	<=30	Pass
DFT-s-OFDM QPSK	3485.01	Edge 1RB Left	22.53	/	/	19.75	/	/	<=30	Pass
		Edge 1RB Right	22.76	/	/	19.98	/	/	<=30	Pass
		Outer Full	25.11	/	/	22.33	/	/	<=30	Pass
		Inner Full	26.07	/	/	23.29	/	/	<=30	Pass
		Inner 1RB Left	25.97	/	/	23.19	/	/	<=30	Pass
		Inner 1RB Right	26.13	/	/	23.35	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.49	/	/	19.71	/	/	<=30	Pass
		Edge 1RB Right	22.48	/	/	19.70	/	/	<=30	Pass
		Outer Full	25.15	/	/	22.37	/	/	<=30	Pass
		Inner Full	26.01	/	/	23.23	/	/	<=30	Pass
		Inner 1RB Left	25.92	/	/	23.14	/	/	<=30	Pass
		Inner 1RB Right	25.94	/	/	23.16	/	/	<=30	Pass
	3514.98	Edge 1RB Left	22.57	/	/	19.79	/	/	<=30	Pass
		Edge 1RB Right	22.64	/	/	19.86	/	/	<=30	Pass
		Outer Full	25.24	/	/	22.46	/	/	<=30	Pass
		Inner Full	26.31	/	/	23.53	/	/	<=30	Pass
		Inner 1RB Left	26.02	/	/	23.24	/	/	<=30	Pass
		Inner 1RB Right	26.10	/	/	23.32	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Edge 1RB Left	22.29	/	/	19.51	/	/	<=30	Pass
		Edge 1RB Right	22.51	/	/	19.73	/	/	<=30	Pass
		Outer Full	24.13	/	/	21.35	/	/	<=30	Pass

		Inner_Full	25.09	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Left	24.78	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Right	24.97	/	/	22.19	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.27	/	/	19.49	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	19.45	/	/	<=30	Pass
		Outer_Full	24.17	/	/	21.39	/	/	<=30	Pass
		Inner_Full	25.04	/	/	22.26	/	/	<=30	Pass
		Inner_1RB_Left	24.69	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Right	24.65	/	/	21.87	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.34	/	/	19.56	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	19.62	/	/	<=30	Pass
		Outer_Full	24.25	/	/	21.47	/	/	<=30	Pass
		Inner_Full	25.30	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	24.95	/	/	22.17	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Edge_1RB_Left	22.83	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	20.15	/	/	<=30	Pass
		Outer_Full	23.62	/	/	20.84	/	/	<=30	Pass
		Inner_Full	23.63	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	23.78	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	21.16	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.86	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	19.99	/	/	<=30	Pass
		Outer_Full	23.66	/	/	20.88	/	/	<=30	Pass
		Inner_Full	23.59	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Right	23.81	/	/	21.03	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.81	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	20.17	/	/	<=30	Pass
		Outer_Full	23.74	/	/	20.96	/	/	<=30	Pass
		Inner_Full	23.87	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	21.10	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Edge_1RB_Left	21.78	/	/	19.00	/	/	<=30	Pass
		Edge_1RB_Right	21.83	/	/	19.05	/	/	<=30	Pass
		Outer_Full	21.73	/	/	18.95	/	/	<=30	Pass
		Inner_Full	21.77	/	/	18.99	/	/	<=30	Pass
		Inner_1RB_Left	21.78	/	/	19.00	/	/	<=30	Pass
		Inner_1RB_Right	21.85	/	/	19.07	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.73	/	/	18.95	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	18.90	/	/	<=30	Pass
		Outer_Full	21.78	/	/	19.00	/	/	<=30	Pass
		Inner_Full	21.68	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	18.97	/	/	<=30	Pass
		Inner_1RB_Right	21.67	/	/	18.89	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.82	/	/	19.04	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	19.06	/	/	<=30	Pass
		Outer_Full	21.83	/	/	19.05	/	/	<=30	Pass
		Inner_Full	21.90	/	/	19.12	/	/	<=30	Pass
		Inner_1RB_Left	21.84	/	/	19.06	/	/	<=30	Pass
		Inner_1RB_Right	21.86	/	/	19.08	/	/	<=30	Pass
CP-OFDM QPSK	3485.01	Edge_1RB_Left	22.59	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	19.98	/	/	<=30	Pass
		Outer_Full	23.12	/	/	20.34	/	/	<=30	Pass
		Inner_Full	24.55	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	24.60	/	/	21.82	/	/	<=30	Pass
		Inner_1RB_Right	24.65	/	/	21.87	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.58	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	19.77	/	/	<=30	Pass

		Outer_Full	23.17	/	/	20.39	/	/	<=30	Pass
		Inner_Full	24.54	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Left	24.63	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Right	24.49	/	/	21.71	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.62	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	19.90	/	/	<=30	Pass
		Outer_Full	23.20	/	/	20.42	/	/	<=30	Pass
		Inner_Full	24.77	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Left	24.60	/	/	21.82	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	21.81	/	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Edge_1RB_Left	22.38	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	19.73	/	/	<=30	Pass
		Outer_Full	23.13	/	/	20.35	/	/	<=30	Pass
		Inner_Full	24.06	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Left	23.91	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Right	24.03	/	/	21.25	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.47	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	19.68	/	/	<=30	Pass
		Outer_Full	23.18	/	/	20.40	/	/	<=30	Pass
		Inner_Full	24.07	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Right	23.95	/	/	21.17	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.56	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	19.75	/	/	<=30	Pass
		Outer_Full	23.23	/	/	20.45	/	/	<=30	Pass
		Inner_Full	24.30	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Right	24.06	/	/	21.28	/	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge_1RB_Left	22.73	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	20.15	/	/	<=30	Pass
		Outer_Full	22.60	/	/	19.82	/	/	<=30	Pass
		Inner_Full	22.62	/	/	19.84	/	/	<=30	Pass
		Inner_1RB_Left	22.76	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Right	22.97	/	/	20.19	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.75	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	19.96	/	/	<=30	Pass
		Outer_Full	22.66	/	/	19.88	/	/	<=30	Pass
		Inner_Full	22.57	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Left	22.73	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Right	22.79	/	/	20.01	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.76	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	20.14	/	/	<=30	Pass
		Outer_Full	22.69	/	/	19.91	/	/	<=30	Pass
		Inner_Full	22.78	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Left	22.85	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Right	22.93	/	/	20.15	/	/	<=30	Pass
CP-OFDM 256 QAM	3485.01	Edge_1RB_Left	19.85	/	/	17.07	/	/	<=30	Pass
		Edge_1RB_Right	19.90	/	/	17.12	/	/	<=30	Pass
		Outer_Full	19.73	/	/	16.95	/	/	<=30	Pass
		Inner_Full	19.74	/	/	16.96	/	/	<=30	Pass
		Inner_1RB_Left	19.84	/	/	17.06	/	/	<=30	Pass
		Inner_1RB_Right	19.94	/	/	17.16	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.80	/	/	17.02	/	/	<=30	Pass
		Edge_1RB_Right	19.73	/	/	16.95	/	/	<=30	Pass
		Outer_Full	19.80	/	/	17.02	/	/	<=30	Pass
		Inner_Full	19.66	/	/	16.88	/	/	<=30	Pass
		Inner_1RB_Left	19.83	/	/	17.05	/	/	<=30	Pass
		Inner_1RB_Right	19.76	/	/	16.98	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	19.92	/	/	17.14	/	/	<=30	Pass

		Edge 1RB Right	19.91	/	/	17.13	/	/	<=30	Pass
		Outer Full	19.79	/	/	17.01	/	/	<=30	Pass
		Inner Full	19.87	/	/	17.09	/	/	<=30	Pass
		Inner 1RB Left	19.93	/	/	17.15	/	/	<=30	Pass
		Inner 1RB Right	19.93	/	/	17.15	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.78dBi; 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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3490.02	Edge 1RB Left	22.60	/	/	19.82	/	/	<=30	Pass
		Edge 1RB Right	22.72	/	/	19.94	/	/	<=30	Pass
		Outer Full	25.67	/	/	22.89	/	/	<=30	Pass
		Inner Full	26.15	/	/	23.37	/	/	<=30	Pass
		Inner 1RB Left	26.04	/	/	23.26	/	/	<=30	Pass
		Inner 1RB Right	26.17	/	/	23.39	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.52	/	/	19.74	/	/	<=30	Pass
		Edge 1RB Right	22.51	/	/	19.73	/	/	<=30	Pass
		Outer Full	25.66	/	/	22.88	/	/	<=30	Pass
		Inner Full	26.11	/	/	23.33	/	/	<=30	Pass
		Inner 1RB Left	25.94	/	/	23.16	/	/	<=30	Pass
		Inner 1RB Right	25.97	/	/	23.19	/	/	<=30	Pass
	3510	Edge 1RB Left	22.70	/	/	19.92	/	/	<=30	Pass
		Edge 1RB Right	22.62	/	/	19.84	/	/	<=30	Pass
		Outer Full	25.62	/	/	22.84	/	/	<=30	Pass
		Inner Full	26.22	/	/	23.44	/	/	<=30	Pass
		Inner 1RB Left	26.10	/	/	23.32	/	/	<=30	Pass
		Inner 1RB Right	26.05	/	/	23.27	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Edge 1RB Left	22.59	/	/	19.81	/	/	<=30	Pass
		Edge 1RB Right	22.72	/	/	19.94	/	/	<=30	Pass
		Outer Full	25.17	/	/	22.39	/	/	<=30	Pass
		Inner Full	26.14	/	/	23.36	/	/	<=30	Pass
		Inner 1RB Left	26.03	/	/	23.25	/	/	<=30	Pass
		Inner 1RB Right	26.14	/	/	23.36	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.46	/	/	19.68	/	/	<=30	Pass
		Edge 1RB Right	22.51	/	/	19.73	/	/	<=30	Pass
		Outer Full	25.13	/	/	22.35	/	/	<=30	Pass
		Inner Full	26.10	/	/	23.32	/	/	<=30	Pass
		Inner 1RB Left	25.91	/	/	23.13	/	/	<=30	Pass
		Inner 1RB Right	25.93	/	/	23.15	/	/	<=30	Pass
	3510	Edge 1RB Left	22.67	/	/	19.89	/	/	<=30	Pass
		Edge 1RB Right	22.66	/	/	19.88	/	/	<=30	Pass
		Outer Full	25.14	/	/	22.36	/	/	<=30	Pass
		Inner Full	26.21	/	/	23.43	/	/	<=30	Pass
		Inner 1RB Left	26.07	/	/	23.29	/	/	<=30	Pass
		Inner 1RB Right	26.05	/	/	23.27	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Edge 1RB Left	22.40	/	/	19.62	/	/	<=30	Pass
		Edge 1RB Right	22.46	/	/	19.68	/	/	<=30	Pass
		Outer Full	24.18	/	/	21.40	/	/	<=30	Pass
		Inner Full	25.15	/	/	22.37	/	/	<=30	Pass
		Inner 1RB Left	24.69	/	/	21.91	/	/	<=30	Pass
		Inner 1RB Right	24.83	/	/	22.05	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.35	/	/	19.57	/	/	<=30	Pass
		Edge 1RB Right	22.33	/	/	19.55	/	/	<=30	Pass
		Outer Full	24.14	/	/	21.36	/	/	<=30	Pass

		Inner_Full	25.12	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Left	24.80	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	21.81	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.43	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.66	/	/	<=30	Pass
		Outer_Full	24.14	/	/	21.36	/	/	<=30	Pass
		Inner_Full	25.22	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	24.95	/	/	22.17	/	/	<=30	Pass
		Inner_1RB_Right	24.77	/	/	21.99	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Edge_1RB_Left	22.95	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	20.27	/	/	<=30	Pass
		Outer_Full	23.73	/	/	20.95	/	/	<=30	Pass
		Inner_Full	23.69	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Left	23.87	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Right	23.96	/	/	21.18	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.88	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.03	/	/	<=30	Pass
		Outer_Full	23.67	/	/	20.89	/	/	<=30	Pass
		Inner_Full	23.67	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	20.90	/	/	<=30	Pass
	3510	Edge_1RB_Left	23.03	/	/	20.25	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	20.15	/	/	<=30	Pass
		Outer_Full	23.70	/	/	20.92	/	/	<=30	Pass
		Inner_Full	23.77	/	/	20.99	/	/	<=30	Pass
		Inner_1RB_Left	23.93	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	20.99	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Edge_1RB_Left	21.88	/	/	19.10	/	/	<=30	Pass
		Edge_1RB_Right	21.81	/	/	19.03	/	/	<=30	Pass
		Outer_Full	21.80	/	/	19.02	/	/	<=30	Pass
		Inner_Full	21.79	/	/	19.01	/	/	<=30	Pass
		Inner_1RB_Left	21.81	/	/	19.03	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	19.09	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.70	/	/	18.92	/	/	<=30	Pass
		Edge_1RB_Right	21.65	/	/	18.87	/	/	<=30	Pass
		Outer_Full	21.78	/	/	19.00	/	/	<=30	Pass
		Inner_Full	21.77	/	/	18.99	/	/	<=30	Pass
		Inner_1RB_Left	21.72	/	/	18.94	/	/	<=30	Pass
		Inner_1RB_Right	21.67	/	/	18.89	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.87	/	/	19.09	/	/	<=30	Pass
		Edge_1RB_Right	21.82	/	/	19.04	/	/	<=30	Pass
		Outer_Full	21.79	/	/	19.01	/	/	<=30	Pass
		Inner_Full	21.79	/	/	19.01	/	/	<=30	Pass
		Inner_1RB_Left	21.86	/	/	19.08	/	/	<=30	Pass
		Inner_1RB_Right	21.79	/	/	19.01	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Edge_1RB_Left	22.63	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	19.96	/	/	<=30	Pass
		Outer_Full	23.19	/	/	20.41	/	/	<=30	Pass
		Inner_Full	24.61	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Left	24.59	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Right	24.64	/	/	21.86	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.54	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	19.72	/	/	<=30	Pass
		Outer_Full	23.12	/	/	20.34	/	/	<=30	Pass
		Inner_Full	24.55	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	24.60	/	/	21.82	/	/	<=30	Pass
		Inner_1RB_Right	24.48	/	/	21.70	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.81	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	19.96	/	/	<=30	Pass

		Outer_Full	23.15	/	/	20.37	/	/	<=30	Pass
		Inner_Full	24.65	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Left	24.73	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Right	24.61	/	/	21.83	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Edge_1RB_Left	22.53	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	19.78	/	/	<=30	Pass
		Outer_Full	23.19	/	/	20.41	/	/	<=30	Pass
		Inner_Full	24.11	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Left	23.90	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Right	24.11	/	/	21.33	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.31	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	19.60	/	/	<=30	Pass
		Outer_Full	23.10	/	/	20.32	/	/	<=30	Pass
		Inner_Full	24.08	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Left	23.87	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	21.08	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.52	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	19.65	/	/	<=30	Pass
		Outer_Full	23.13	/	/	20.35	/	/	<=30	Pass
		Inner_Full	24.18	/	/	21.40	/	/	<=30	Pass
Inner_1RB_Left		24.03	/	/	21.25	/	/	<=30	Pass	
Inner_1RB_Right		23.97	/	/	21.19	/	/	<=30	Pass	
CP-OFDM 64 QAM	3490.02	Edge_1RB_Left	22.78	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	20.06	/	/	<=30	Pass
		Outer_Full	22.68	/	/	19.90	/	/	<=30	Pass
		Inner_Full	22.67	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Left	22.82	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Right	22.97	/	/	20.19	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.67	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	19.88	/	/	<=30	Pass
		Outer_Full	22.62	/	/	19.84	/	/	<=30	Pass
		Inner_Full	22.60	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Left	22.75	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Right	22.76	/	/	19.98	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.89	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	20.09	/	/	<=30	Pass
		Outer_Full	22.65	/	/	19.87	/	/	<=30	Pass
		Inner_Full	22.73	/	/	19.95	/	/	<=30	Pass
Inner_1RB_Left		22.91	/	/	20.13	/	/	<=30	Pass	
Inner_1RB_Right		22.81	/	/	20.03	/	/	<=30	Pass	
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	19.84	/	/	17.06	/	/	<=30	Pass
		Edge_1RB_Right	19.90	/	/	17.12	/	/	<=30	Pass
		Outer_Full	19.79	/	/	17.01	/	/	<=30	Pass
		Inner_Full	19.72	/	/	16.94	/	/	<=30	Pass
		Inner_1RB_Left	19.92	/	/	17.14	/	/	<=30	Pass
		Inner_1RB_Right	19.94	/	/	17.16	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.79	/	/	17.01	/	/	<=30	Pass
		Edge_1RB_Right	19.71	/	/	16.93	/	/	<=30	Pass
		Outer_Full	19.76	/	/	16.98	/	/	<=30	Pass
		Inner_Full	19.68	/	/	16.90	/	/	<=30	Pass
		Inner_1RB_Left	19.79	/	/	17.01	/	/	<=30	Pass
		Inner_1RB_Right	19.73	/	/	16.95	/	/	<=30	Pass
	3510	Edge_1RB_Left	19.87	/	/	17.09	/	/	<=30	Pass
		Edge_1RB_Right	19.84	/	/	17.06	/	/	<=30	Pass
		Outer_Full	19.77	/	/	16.99	/	/	<=30	Pass
		Inner_Full	19.78	/	/	17.00	/	/	<=30	Pass
Inner_1RB_Left		19.97	/	/	17.19	/	/	<=30	Pass	
Inner_1RB_Right		19.84	/	/	17.06	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: -2.78dBi:										

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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3495	Edge_1RB_Left	22.60	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.67	/	/	<=30	Pass
		Outer_Full	25.58	/	/	22.80	/	/	<=30	Pass
		Inner_Full	26.10	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	26.03	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	25.86	/	/	23.08	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.52	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	19.70	/	/	<=30	Pass
		Outer_Full	25.64	/	/	22.86	/	/	<=30	Pass
		Inner_Full	26.15	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Left	25.95	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Right	25.93	/	/	23.15	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.50	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	19.84	/	/	<=30	Pass
		Outer_Full	25.69	/	/	22.91	/	/	<=30	Pass
		Inner_Full	26.23	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Left	25.94	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Right	26.11	/	/	23.33	/	/	<=30	Pass
DFT-s-OFDM QPSK	3495	Edge_1RB_Left	22.55	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	19.62	/	/	<=30	Pass
		Outer_Full	25.12	/	/	22.34	/	/	<=30	Pass
		Inner_Full	26.10	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	25.99	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Right	25.86	/	/	23.08	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.49	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	19.71	/	/	<=30	Pass
		Outer_Full	25.15	/	/	22.37	/	/	<=30	Pass
		Inner_Full	26.10	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Right	25.91	/	/	23.13	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.42	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	19.88	/	/	<=30	Pass
		Outer_Full	25.18	/	/	22.40	/	/	<=30	Pass
		Inner_Full	26.21	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Left	25.87	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Right	26.07	/	/	23.29	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Edge_1RB_Left	22.39	/	/	19.61	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	19.50	/	/	<=30	Pass
		Outer_Full	24.14	/	/	21.36	/	/	<=30	Pass
		Inner_Full	25.13	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Left	24.80	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Right	24.69	/	/	21.91	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.31	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	19.49	/	/	<=30	Pass
		Outer_Full	24.14	/	/	21.36	/	/	<=30	Pass
		Inner_Full	25.14	/	/	22.36	/	/	<=30	Pass
	3504.99	Inner_1RB_Left	24.73	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Right	24.74	/	/	21.96	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.28	/	/	19.50	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	19.70	/	/	<=30	Pass

		Outer_Full	24.22	/	/	21.44	/	/	<=30	Pass
		Inner_Full	25.22	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	21.90	/	/	<=30	Pass
		Inner_1RB_Right	24.73	/	/	21.95	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge_1RB_Left	22.94	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	19.94	/	/	<=30	Pass
		Outer_Full	23.64	/	/	20.86	/	/	<=30	Pass
		Inner_Full	23.61	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	20.82	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.85	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	20.01	/	/	<=30	Pass
		Outer_Full	23.64	/	/	20.86	/	/	<=30	Pass
		Inner_Full	23.65	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	20.96	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.74	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	20.18	/	/	<=30	Pass
		Outer_Full	23.71	/	/	20.93	/	/	<=30	Pass
		Inner_Full	23.71	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Left	23.75	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	21.10	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Edge_1RB_Left	21.81	/	/	19.03	/	/	<=30	Pass
		Edge_1RB_Right	21.63	/	/	18.85	/	/	<=30	Pass
		Outer_Full	21.79	/	/	19.01	/	/	<=30	Pass
		Inner_Full	21.72	/	/	18.94	/	/	<=30	Pass
		Inner_1RB_Left	21.79	/	/	19.01	/	/	<=30	Pass
		Inner_1RB_Right	21.60	/	/	18.82	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.69	/	/	18.91	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	18.89	/	/	<=30	Pass
		Outer_Full	21.81	/	/	19.03	/	/	<=30	Pass
		Inner_Full	21.78	/	/	19.00	/	/	<=30	Pass
		Inner_1RB_Left	21.65	/	/	18.87	/	/	<=30	Pass
		Inner_1RB_Right	21.66	/	/	18.88	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.70	/	/	18.92	/	/	<=30	Pass
		Edge_1RB_Right	21.82	/	/	19.04	/	/	<=30	Pass
		Outer_Full	21.84	/	/	19.06	/	/	<=30	Pass
		Inner_Full	21.87	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Right	21.81	/	/	19.03	/	/	<=30	Pass
CP-OFDM QPSK	3495	Edge_1RB_Left	22.59	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	19.82	/	/	<=30	Pass
		Outer_Full	23.07	/	/	20.29	/	/	<=30	Pass
		Inner_Full	24.56	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Left	24.55	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Right	24.43	/	/	21.65	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.57	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	19.82	/	/	<=30	Pass
		Outer_Full	23.10	/	/	20.32	/	/	<=30	Pass
		Inner_Full	24.61	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Left	24.49	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Right	24.41	/	/	21.63	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.57	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	19.93	/	/	<=30	Pass
		Outer_Full	23.17	/	/	20.39	/	/	<=30	Pass
		Inner_Full	24.70	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Left	24.40	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Right	24.61	/	/	21.83	/	/	<=30	Pass
CP-OFDM 16 QAM	3495	Edge_1RB_Left	22.24	/	/	19.46	/	/	<=30	Pass

		Edge_1RB_Right	22.29	/	/	19.51	/	/	<=30	Pass
		Outer_Full	23.07	/	/	20.29	/	/	<=30	Pass
		Inner_Full	24.09	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Left	23.93	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	20.99	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.35	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	19.61	/	/	<=30	Pass
		Outer_Full	23.10	/	/	20.32	/	/	<=30	Pass
		Inner_Full	24.11	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	21.08	/	/	<=30	Pass
	3504.99	Inner_1RB_Right	23.81	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Left	22.26	/	/	19.48	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	19.73	/	/	<=30	Pass
		Outer_Full	23.20	/	/	20.42	/	/	<=30	Pass
		Inner_Full	24.21	/	/	21.43	/	/	<=30	Pass
CP-OFDM 64 QAM	3495	Inner_1RB_Left	23.82	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	21.20	/	/	<=30	Pass
		Edge_1RB_Left	22.81	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	19.86	/	/	<=30	Pass
		Outer_Full	22.60	/	/	19.82	/	/	<=30	Pass
	3500.01	Inner_Full	22.60	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Left	22.78	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Right	22.61	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Left	22.73	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	19.92	/	/	<=30	Pass
	3504.99	Outer_Full	22.65	/	/	19.87	/	/	<=30	Pass
		Inner_Full	22.65	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Left	22.70	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Right	22.72	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Left	22.66	/	/	19.88	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Edge_1RB_Right	22.85	/	/	20.07	/	/	<=30	Pass
		Outer_Full	22.72	/	/	19.94	/	/	<=30	Pass
		Inner_Full	22.73	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	19.91	/	/	<=30	Pass
		Inner_1RB_Right	22.86	/	/	20.08	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.88	/	/	17.10	/	/	<=30	Pass
		Edge_1RB_Right	19.69	/	/	16.91	/	/	<=30	Pass
		Outer_Full	19.76	/	/	16.98	/	/	<=30	Pass
		Inner_Full	19.74	/	/	16.96	/	/	<=30	Pass
		Inner_1RB_Left	19.89	/	/	17.11	/	/	<=30	Pass
	3504.99	Inner_1RB_Right	19.68	/	/	16.90	/	/	<=30	Pass
		Edge_1RB_Left	19.71	/	/	16.93	/	/	<=30	Pass
		Edge_1RB_Right	19.74	/	/	16.96	/	/	<=30	Pass
		Outer_Full	19.77	/	/	16.99	/	/	<=30	Pass
		Inner_Full	19.74	/	/	16.96	/	/	<=30	Pass
		Inner_1RB_Left	19.76	/	/	16.98	/	/	<=30	Pass
		Inner_1RB_Right	19.69	/	/	16.91	/	/	<=30	Pass
		Edge_1RB_Left	19.75	/	/	16.97	/	/	<=30	Pass
		Edge_1RB_Right	19.92	/	/	17.14	/	/	<=30	Pass
		Outer_Full	19.82	/	/	17.04	/	/	<=30	Pass
	3500.01	Inner_Full	19.84	/	/	17.06	/	/	<=30	Pass
		Inner_1RB_Left	19.80	/	/	17.02	/	/	<=30	Pass
3504.99	Inner_1RB_Right	19.87	/	/	17.09	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant1: -2.78dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.1.12 30k_SISO_100MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 100MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge_1RB_Left	22.58	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	19.79	/	/	<=30	Pass
		Outer_Full	25.60	/	/	22.82	/	/	<=30	Pass
		Inner_Full	26.12	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Left	25.95	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Right	26.01	/	/	23.23	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge_1RB_Left	22.58	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	19.76	/	/	<=30	Pass
		Outer_Full	25.09	/	/	22.31	/	/	<=30	Pass
		Inner_Full	26.11	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Left	25.91	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	25.96	/	/	23.18	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge_1RB_Left	22.36	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	19.58	/	/	<=30	Pass
		Outer_Full	24.11	/	/	21.33	/	/	<=30	Pass
		Inner_Full	25.14	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Left	24.81	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Right	24.85	/	/	22.07	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge_1RB_Left	22.73	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	20.01	/	/	<=30	Pass
		Outer_Full	23.65	/	/	20.87	/	/	<=30	Pass
		Inner_Full	23.71	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	21.04	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge_1RB_Left	21.73	/	/	18.95	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	18.91	/	/	<=30	Pass
		Outer_Full	21.77	/	/	18.99	/	/	<=30	Pass
		Inner_Full	21.80	/	/	19.02	/	/	<=30	Pass
		Inner_1RB_Left	21.74	/	/	18.96	/	/	<=30	Pass
		Inner_1RB_Right	21.69	/	/	18.91	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	22.49	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	19.73	/	/	<=30	Pass
		Outer_Full	23.12	/	/	20.34	/	/	<=30	Pass
		Inner_Full	24.59	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Left	24.51	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Right	24.56	/	/	21.78	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	22.32	/	/	19.54	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	19.60	/	/	<=30	Pass
		Outer_Full	23.06	/	/	20.28	/	/	<=30	Pass
		Inner_Full	24.14	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Right	23.85	/	/	21.07	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	22.75	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	19.92	/	/	<=30	Pass
		Outer_Full	22.60	/	/	19.82	/	/	<=30	Pass
		Inner_Full	22.61	/	/	19.83	/	/	<=30	Pass
		Inner_1RB_Left	22.67	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Right	22.72	/	/	19.94	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	19.80	/	/	17.02	/	/	<=30	Pass
		Edge_1RB_Right	19.81	/	/	17.03	/	/	<=30	Pass
		Outer_Full	19.72	/	/	16.94	/	/	<=30	Pass
		Inner_Full	19.77	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Left	19.78	/	/	17.00	/	/	<=30	Pass
		Inner_1RB_Right	19.80	/	/	17.02	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.78dBi; 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	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-6.70	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-7.20	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-8.60	-0.0025	>=-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	8.72	9.58	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	8.67	9.55	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	8.66	9.51	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	8.71	9.49	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	8.65	9.53	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	8.68	9.55	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	8.69	9.53	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	8.67	9.54	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	8.72	9.59	/	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	14.11	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	13.06	14.13	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	13.03	14.17	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	13.10	14.21	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	13.02	14.11	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	13.71	14.90	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	13.73	14.93	/	Pass

CP-OFDM 64 QAM	3500.01	Outer_Full	13.77	14.95	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	13.70	14.93	/	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	18.13	19.42	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	18.09	19.45	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	18.11	19.36	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	18.13	19.48	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	18.05	19.37	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	18.39	19.78	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	18.42	19.75	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	18.38	19.73	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	18.39	19.77	/	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	24.78	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	23.07	24.73	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	23.08	24.71	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	23.18	24.78	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	23.07	24.69	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	23.43	24.98	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	23.48	25.11	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	23.47	25.11	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	23.41	25.09	/	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	27.17	29.18	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	27.15	29.12	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	27.07	29.09	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	27.19	29.17	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	27.12	29.12	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	28.12	30.01	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	28.24	30.09	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	28.09	30.25	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	28.10	30.26	/	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	36.20	38.71	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	36.13	38.68	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	36.15	38.68	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	36.18	38.90	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	36.08	38.72	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	38.15	40.76	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	38.15	40.89	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	38.13	40.77	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	38.17	40.74	/	Pass

3.1.7 30k_SISO_50MHz_NTNV

5G NR n78e SCS=30kHz SISO 50MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	46.27	49.30	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	46.12	49.34	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	46.12	49.36	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	46.15	49.41	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	46.10	49.35	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	47.91	51.08	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	47.87	51.12	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	48.01	51.22	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	47.77	51.10	/	Pass

3.1.8 30k_SISO_60MHz_NTNV

5G NR n78e SCS=30kHz SISO 60MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	58.46	62.41	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	58.37	62.31	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	58.40	62.29	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	58.48	62.29	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	58.49	62.26	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	58.21	62.23	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	58.26	62.16	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	58.54	62.35	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	58.29	62.22	/	Pass

3.1.9 30k_SISO_70MHz_NTNV

5G NR n78e SCS=30kHz SISO 70MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	65.11	69.62	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	64.86	69.58	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	64.95	69.59	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	65.04	69.79	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	64.95	69.51	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	68.20	72.85	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	68.14	72.72	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	68.04	72.77	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	68.00	72.83	/	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	77.70	82.71	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	77.83	82.87	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	77.81	82.72	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	77.73	82.81	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	77.59	82.66	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	78.02	83.20	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	77.78	83.06	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	77.95	82.79	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	77.78	83.29	/	Pass

3.1.11 30k_SISO_90MHz_NTNV

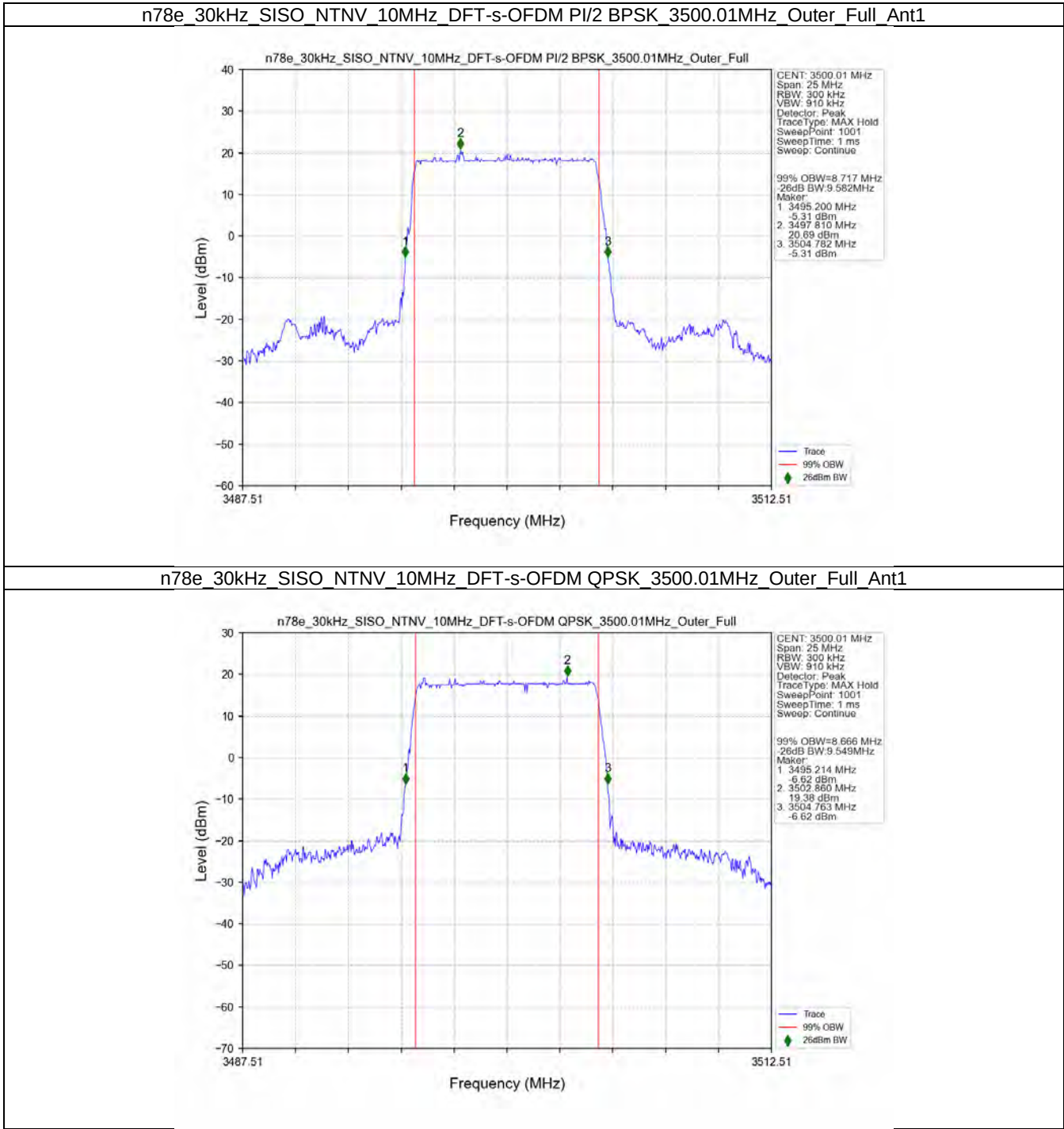
5G NR n78e SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	87.34	93.10	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	87.46	92.94	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	87.26	92.94	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	87.14	92.89	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	87.67	92.93	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	88.07	93.65	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	87.93	93.90	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	87.96	93.70	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	87.89	93.48	/	Pass

3.1.12 30k_SISO_100MHz_NTNV

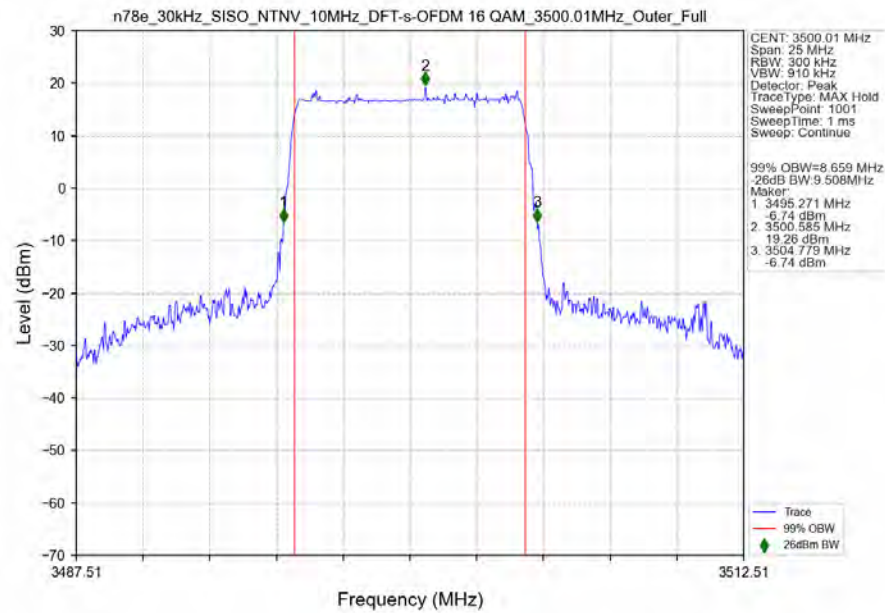
5G NR n78e SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	97.42	103.33	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	97.30	103.46	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	97.01	103.10	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	97.03	103.09	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	97.59	102.93	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	98.40	104.44	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	98.07	103.97	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	98.19	104.00	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	97.82	103.89	/	Pass

3.2 Test Graph

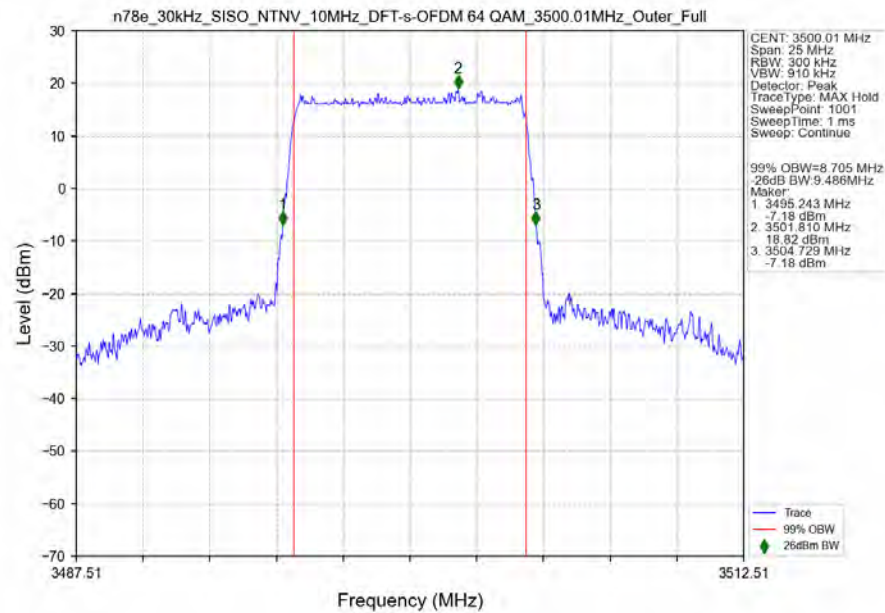
3.2.1 30k_SISO_10MHz_NTNV



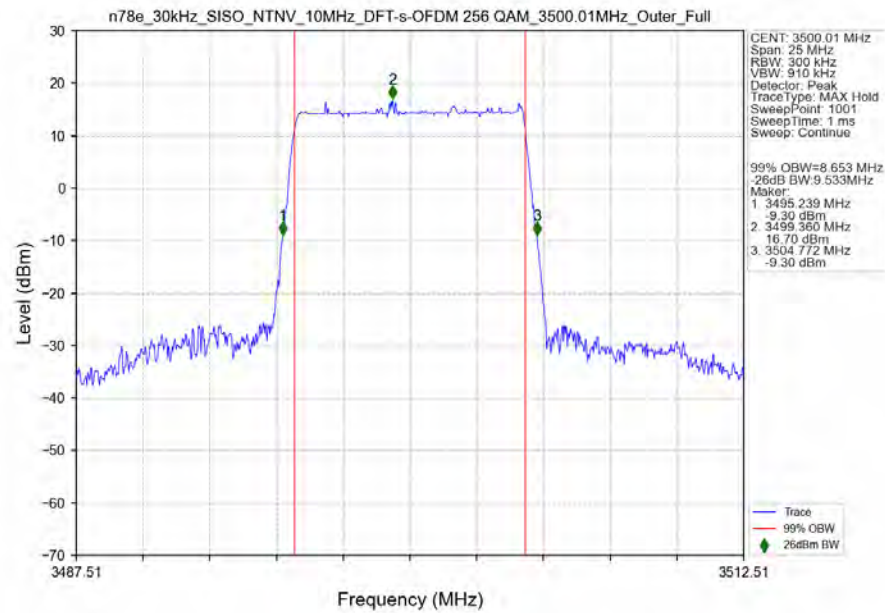
n78e 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant1



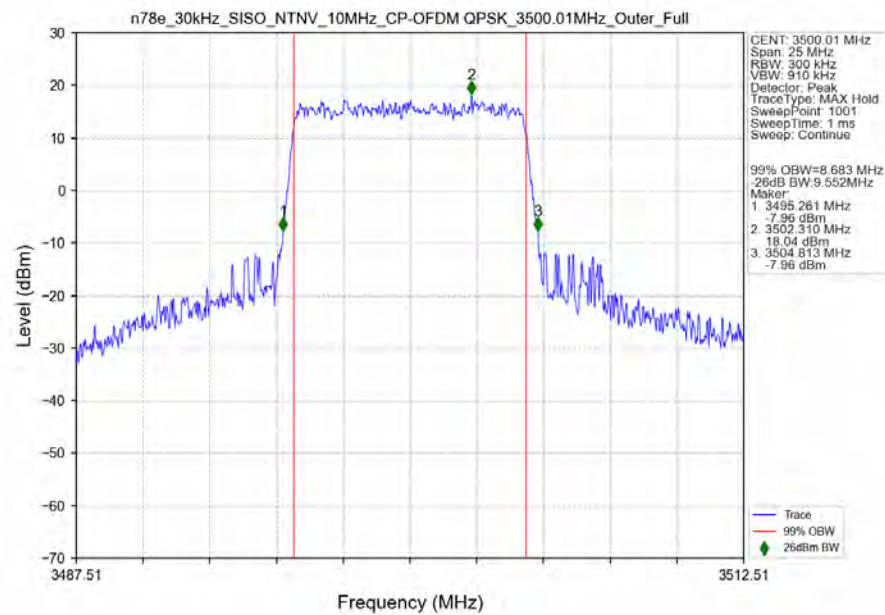
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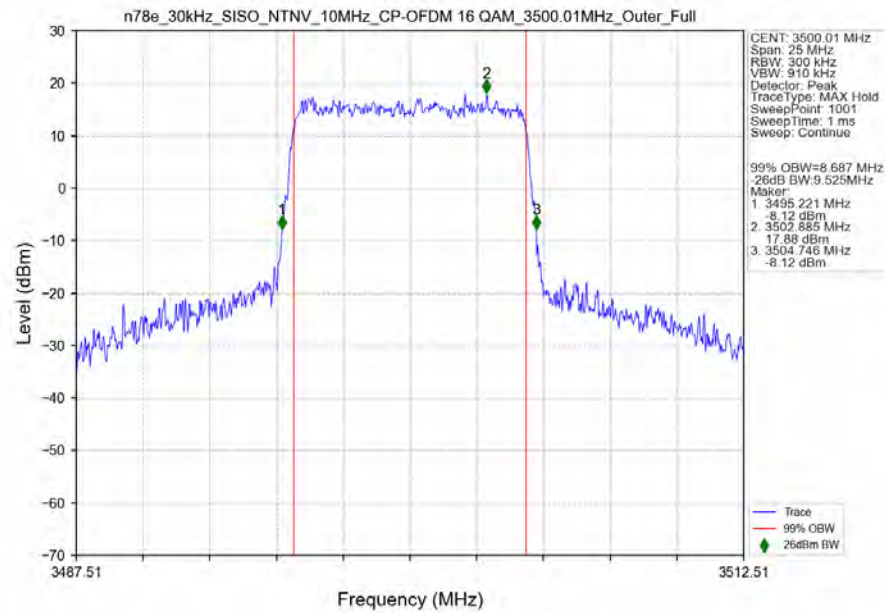
n78e 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant1



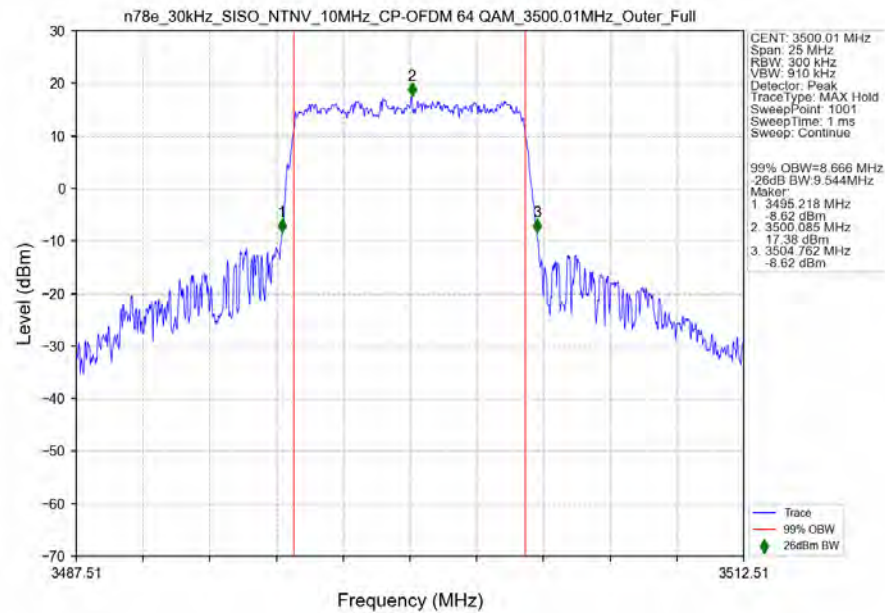
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n78e 30kHz SISO NTV 10MHz CP-OFDM 16 QAM 3500.01MHz Outer Full Ant1



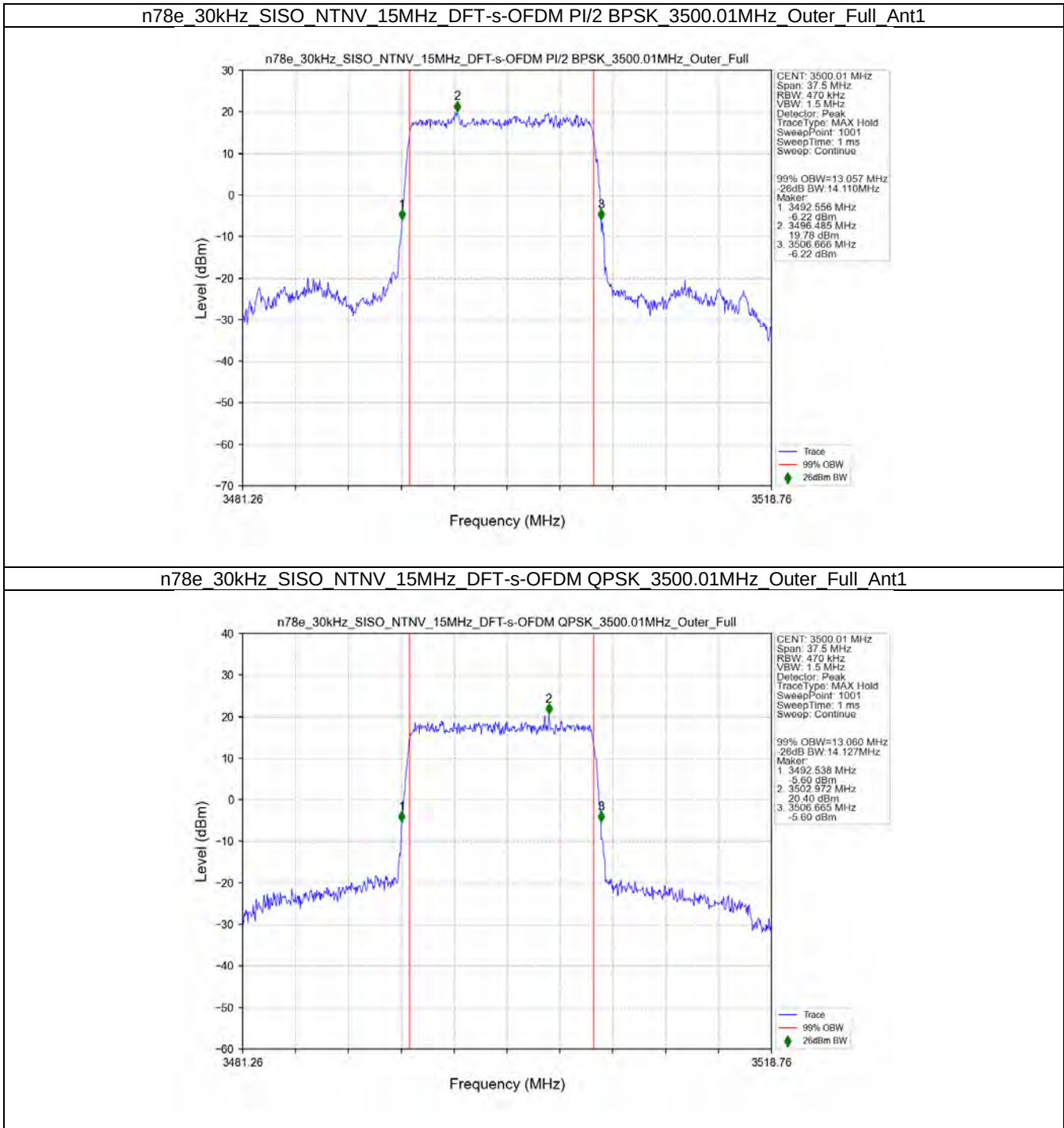
n78e 30kHz SISO NTV 10MHz CP-OFDM 64 QAM 3500.01MHz Outer Full Ant1



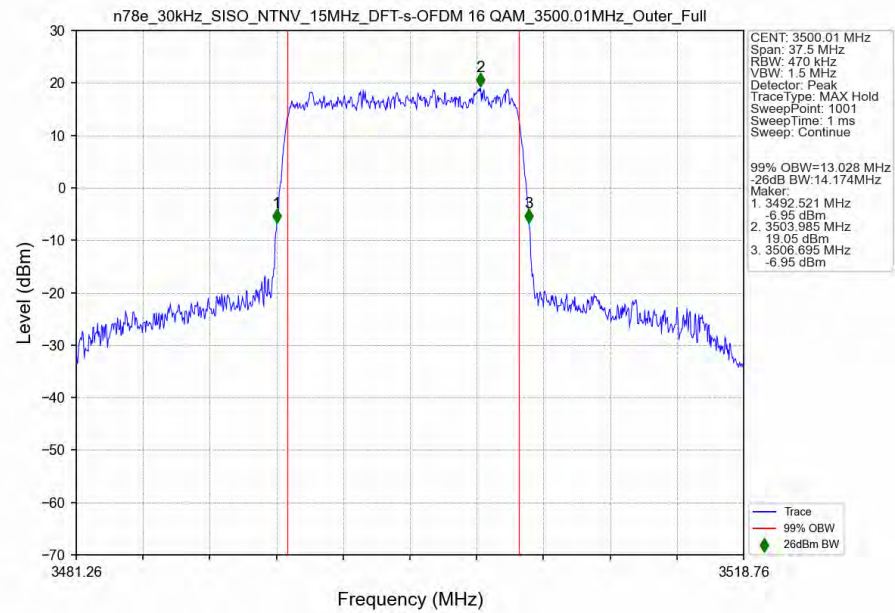
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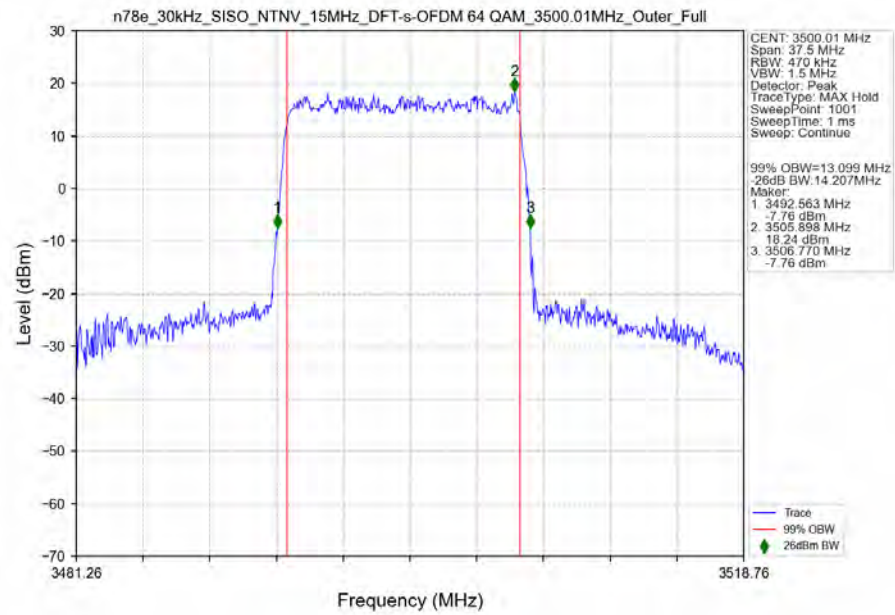
3.2.2 30k_SISO_15MHz_NTNV



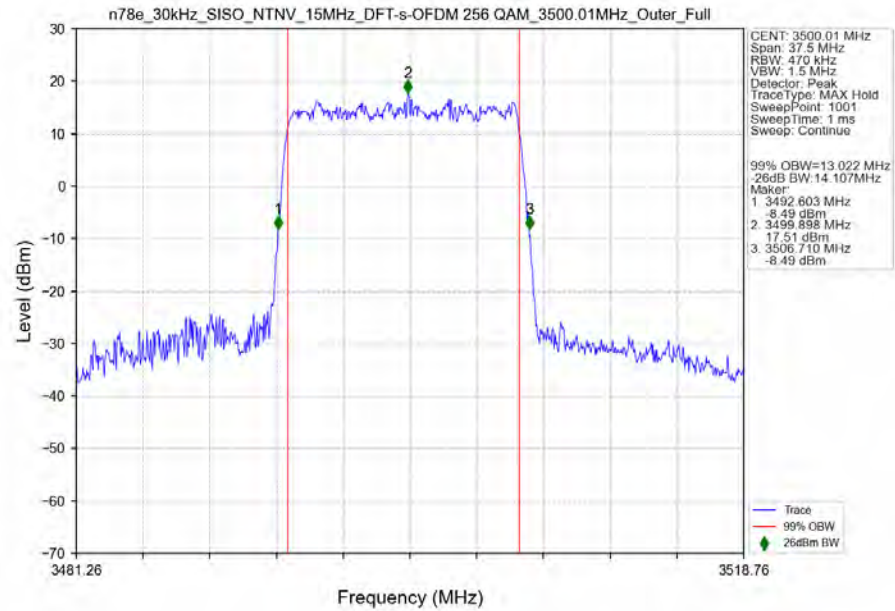
n78e 30kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant1



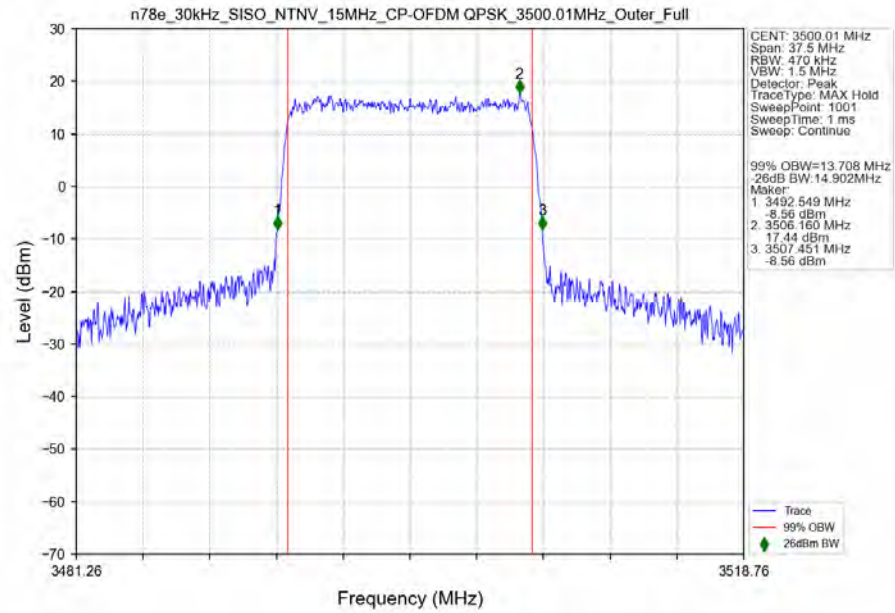
n78e 30kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant1



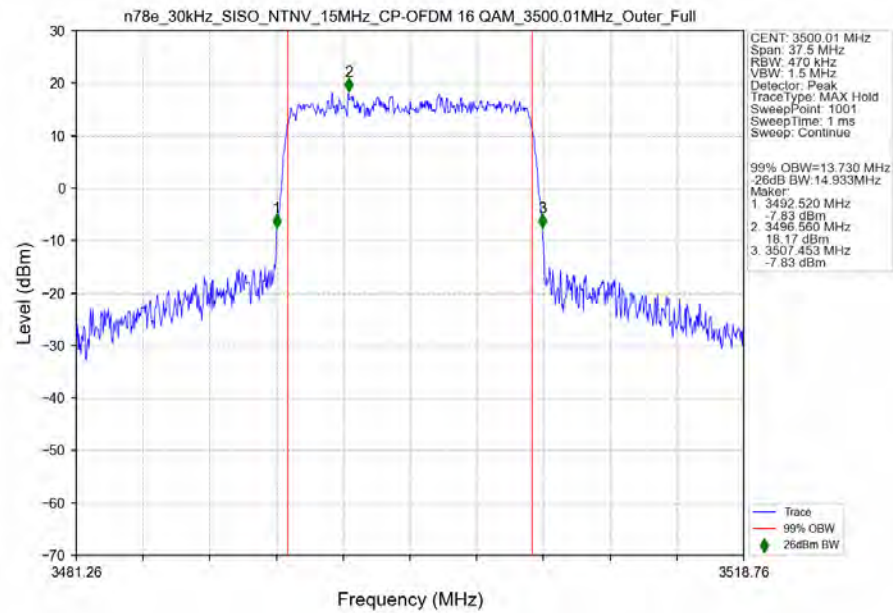
n78e 30kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant1



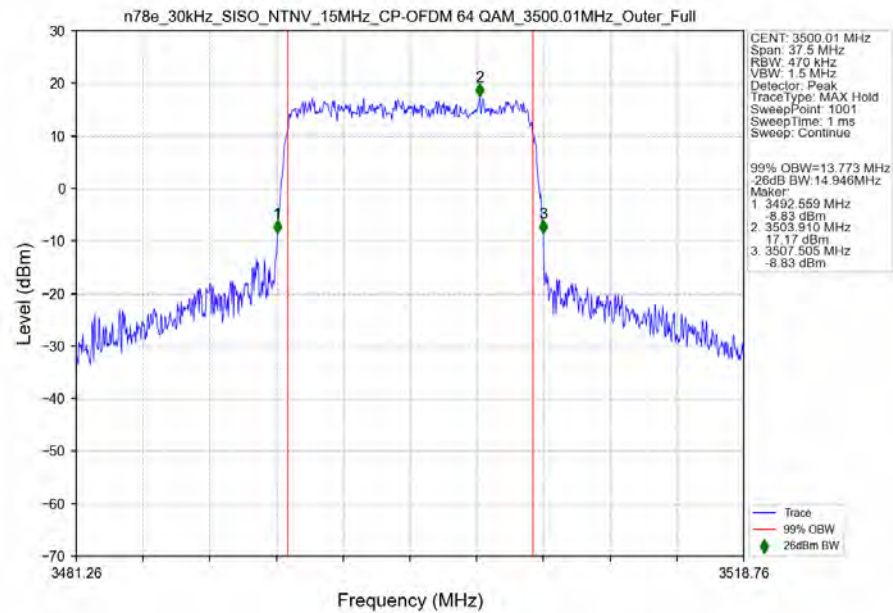
n78e 30kHz SISO NTN 15MHz CP-OFDM QPSK 3500.01MHz Outer Full Ant1



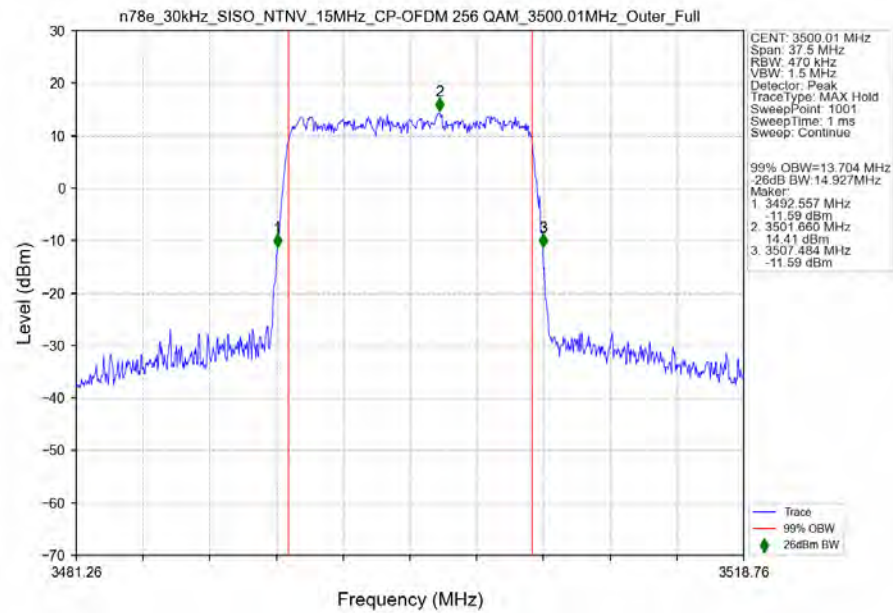
n78e 30kHz SISO NTN 15MHz CP-OFDM 16 QAM 3500.01MHz Outer Full Ant1



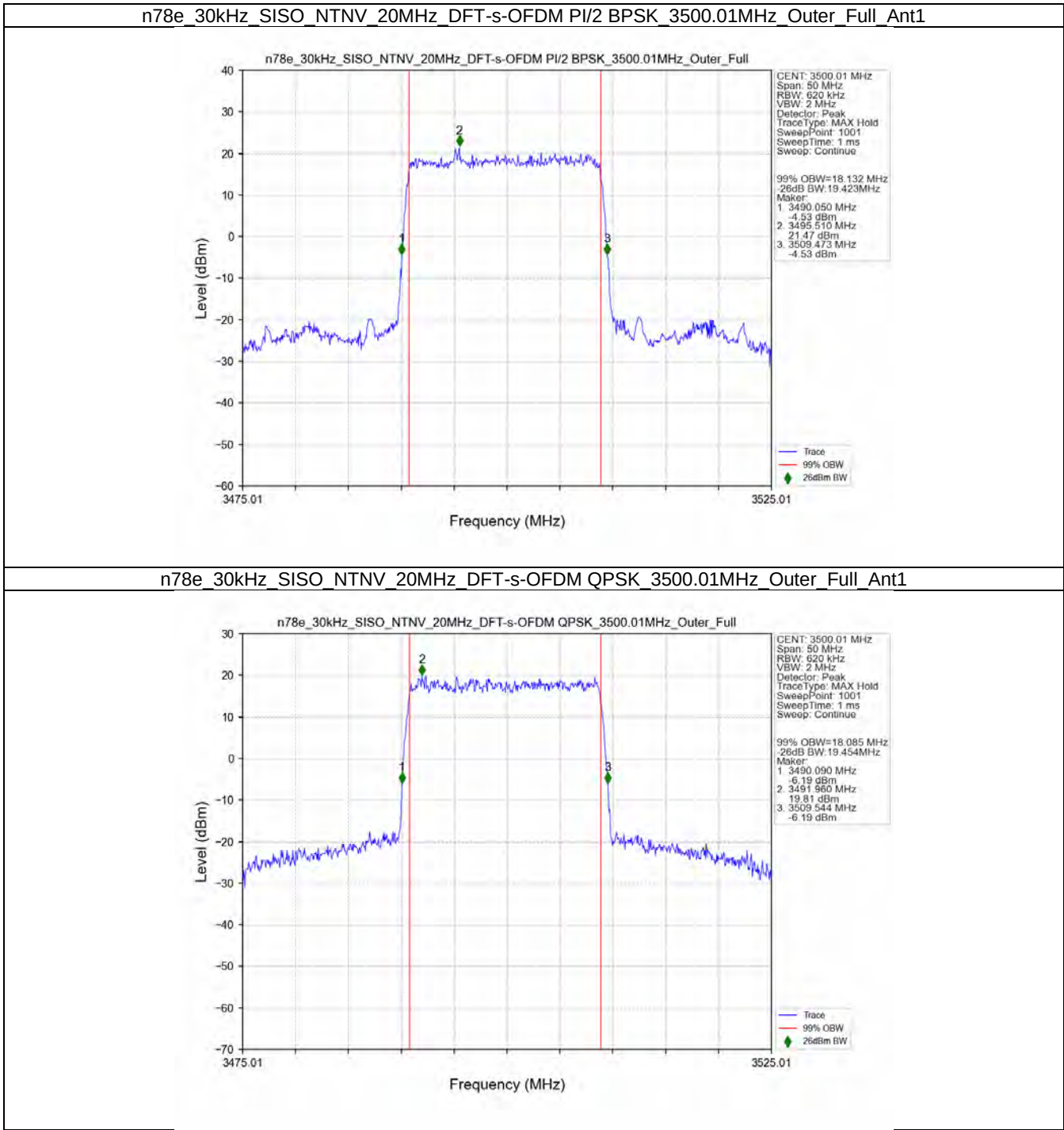
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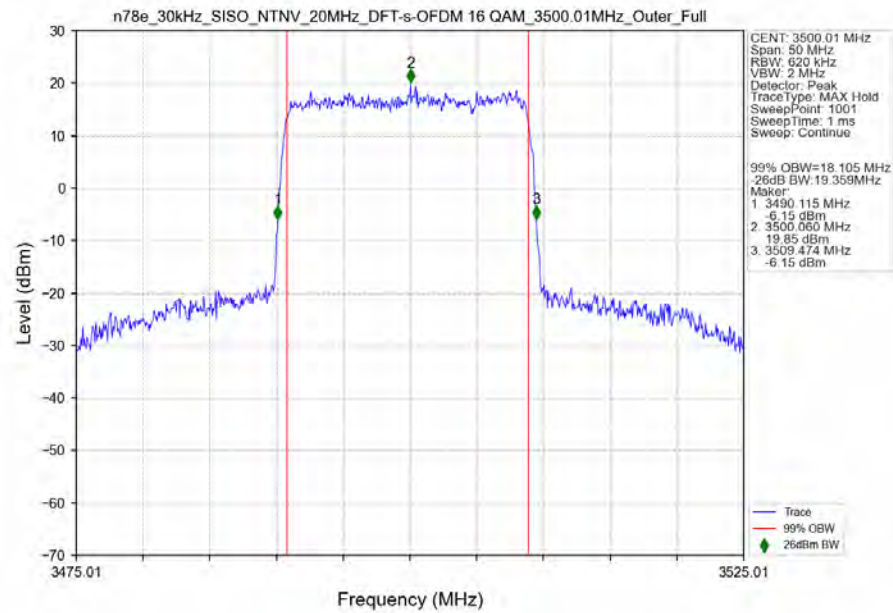
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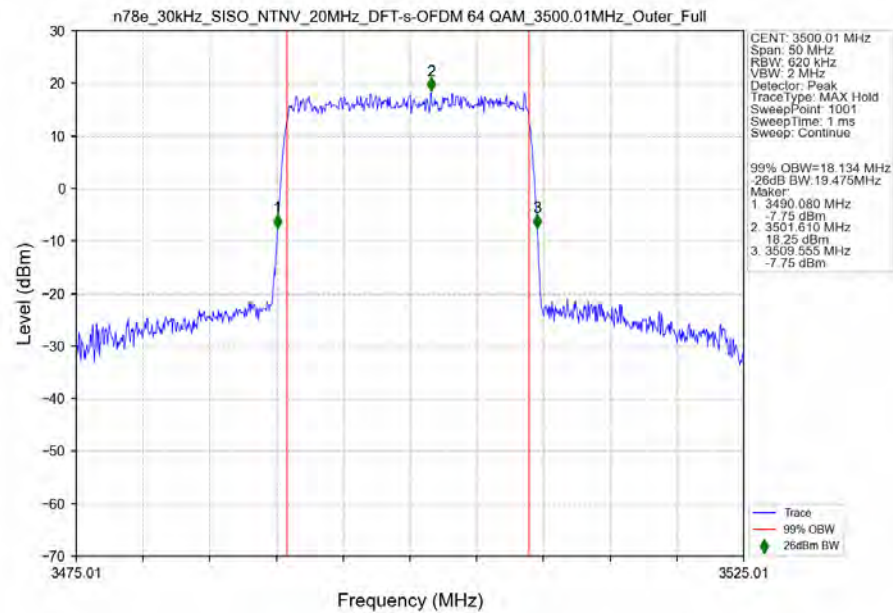
3.2.3 30k_SISO_20MHz_NTNV



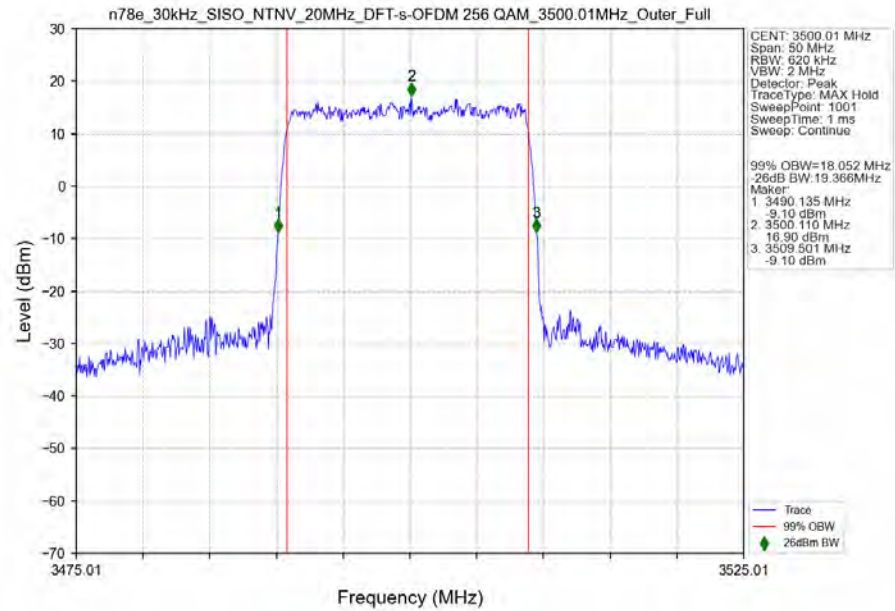
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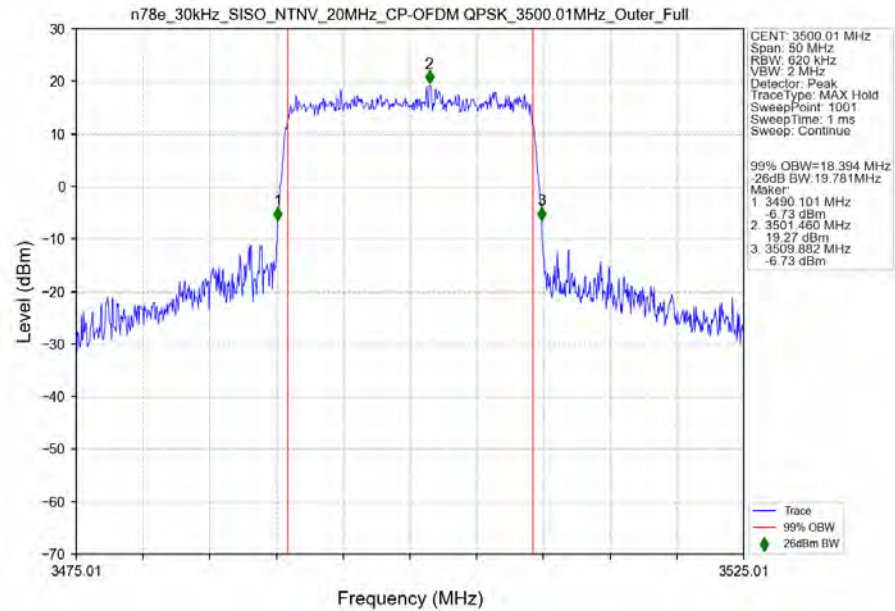
n78e 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant1



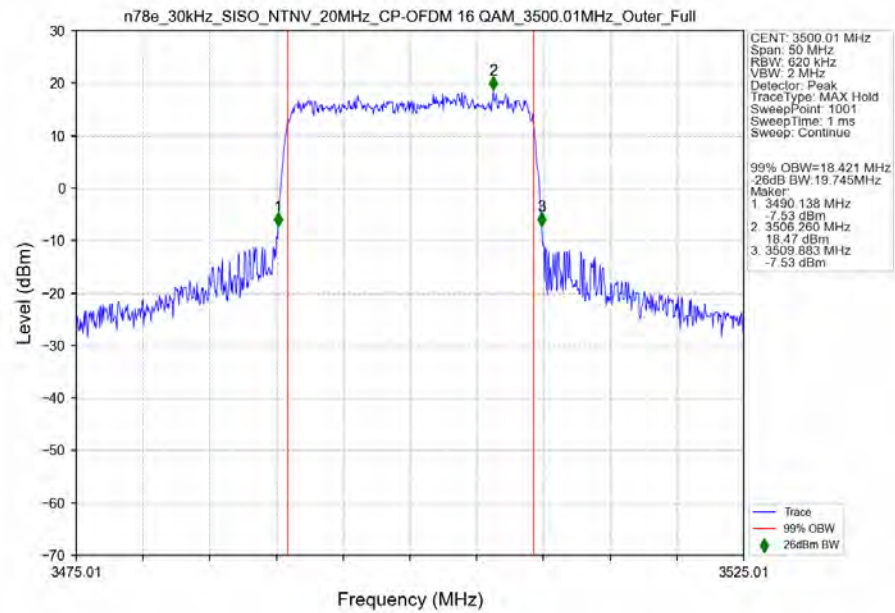
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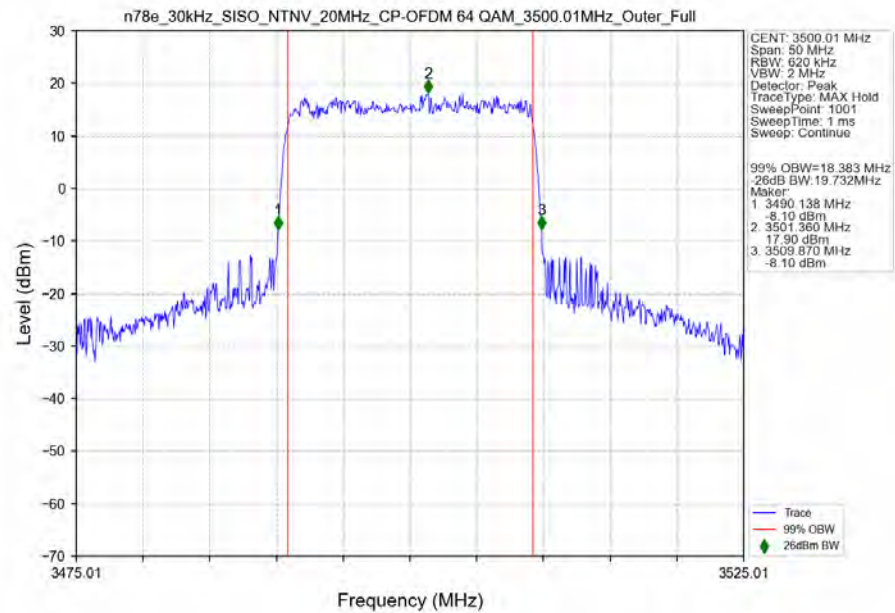
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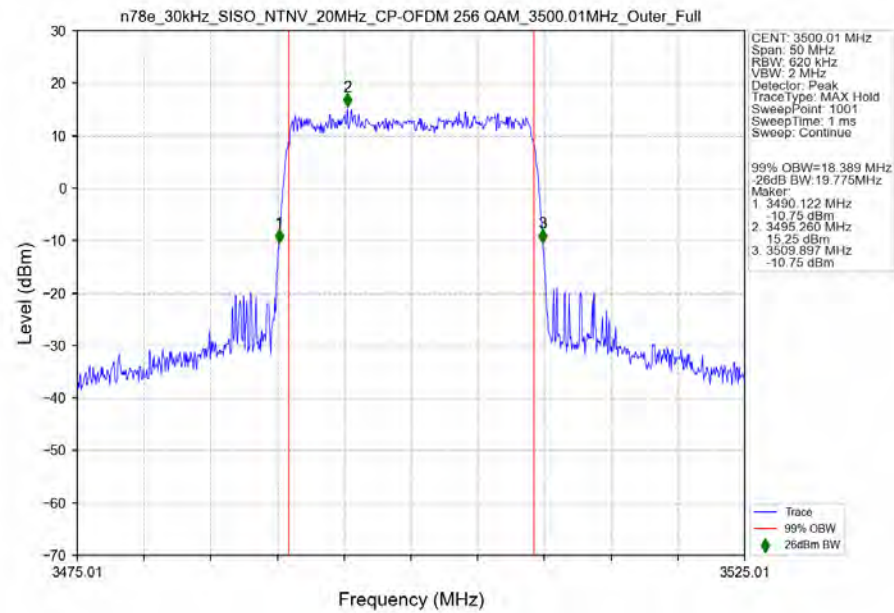
n78e 30kHz SISO NTV 20MHz CP-OFDM 16 QAM 3500.01MHz Outer Full Ant1



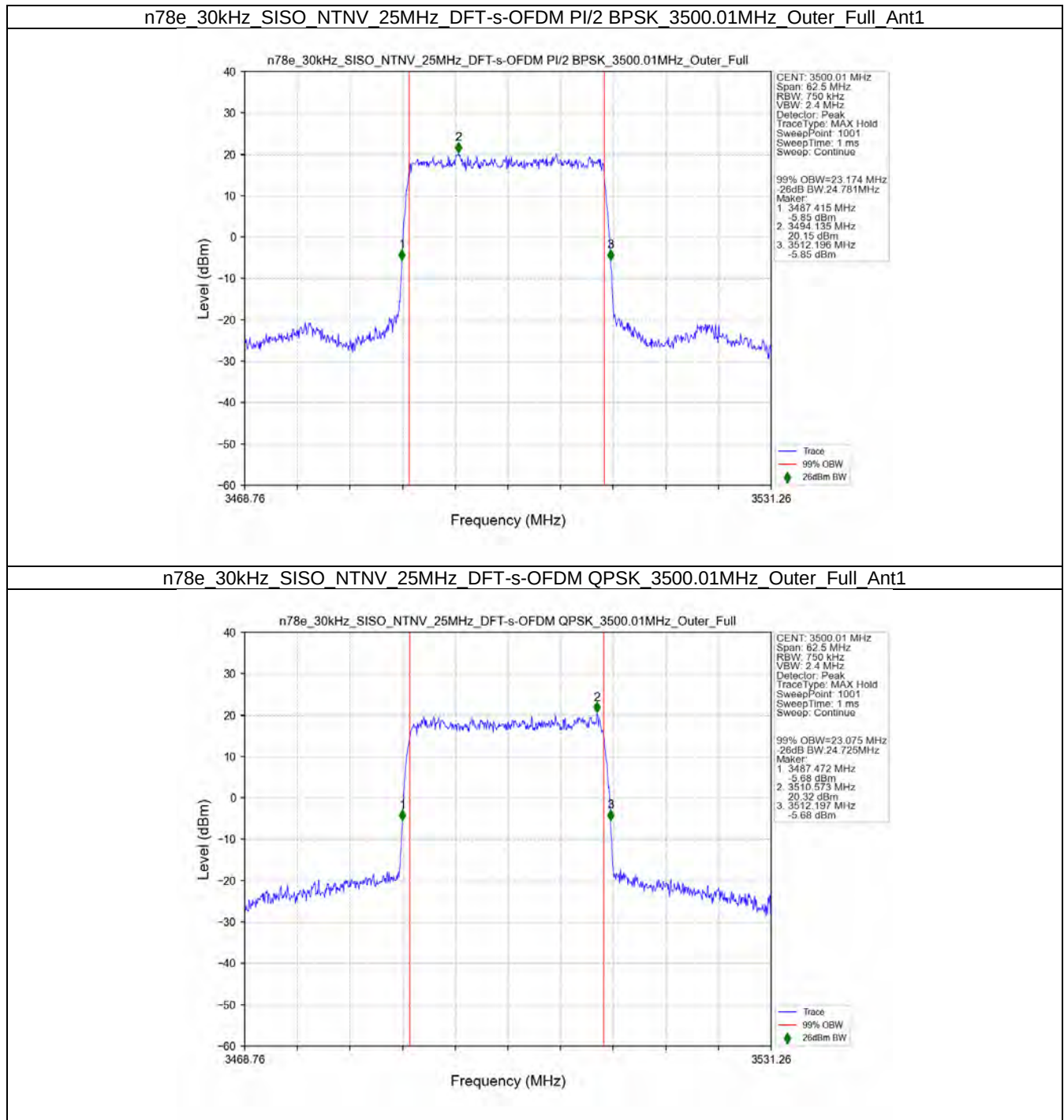
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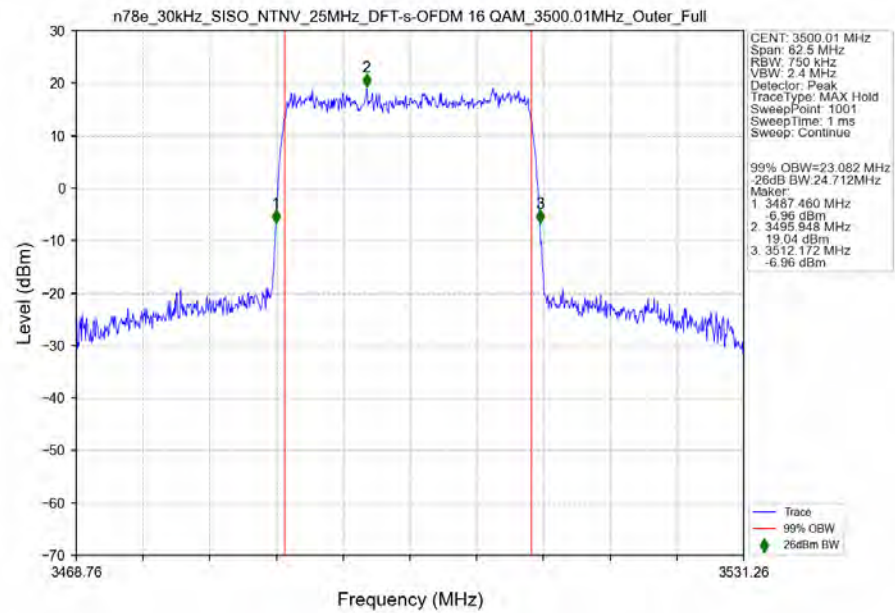
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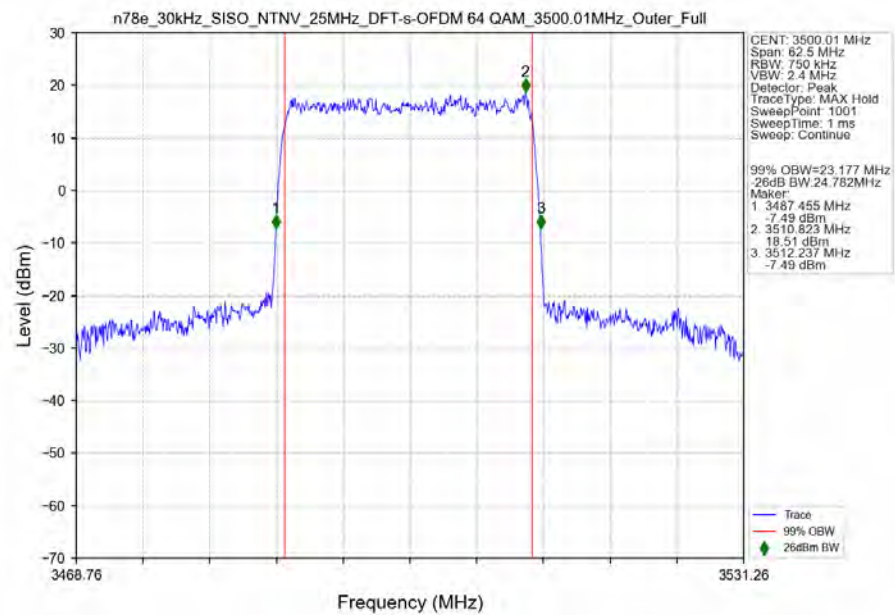
3.2.4 30k_SISO_25MHz_NTNV



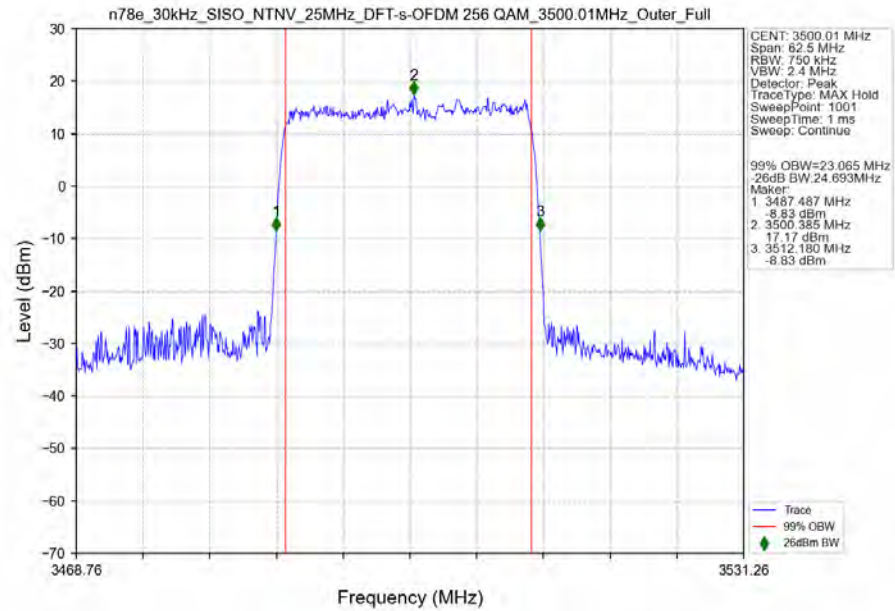
n78e 30kHz SISO NTN 25MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant1



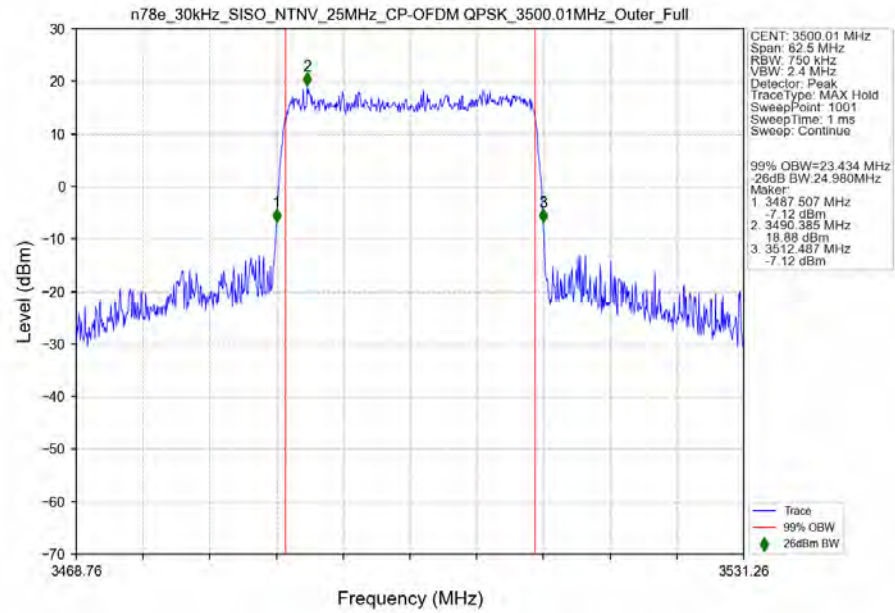
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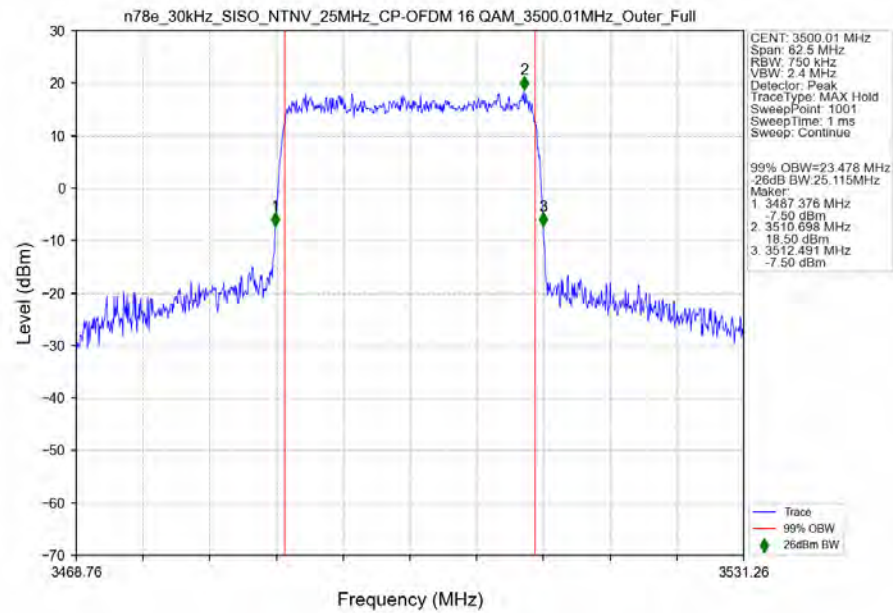
n78e 30kHz SISO NTN 25MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant1



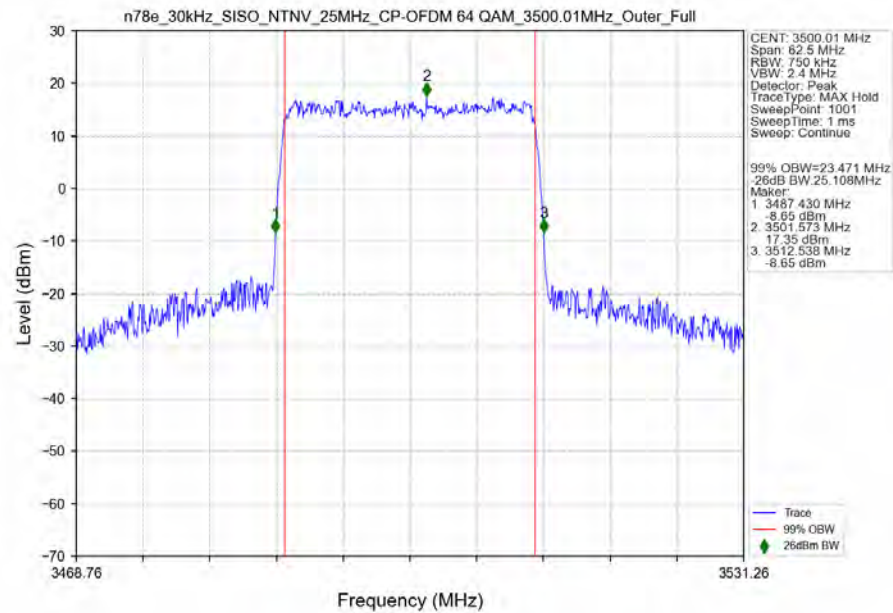
n78e 30kHz SISO NTN 25MHz CP-OFDM QPSK 3500.01MHz Outer Full Ant1



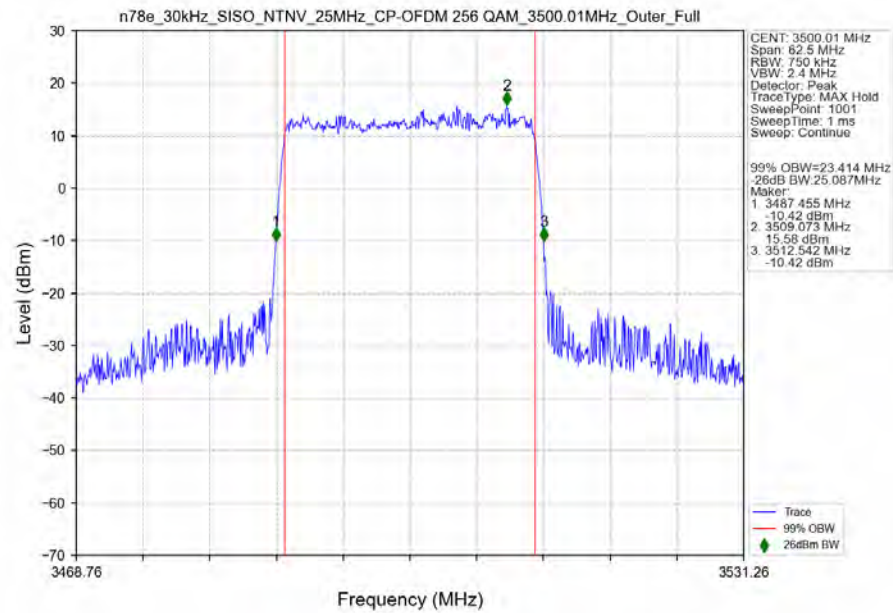
n78e 30kHz SISO NTV 25MHz CP-OFDM 16 QAM 3500.01MHz Outer Full Ant1



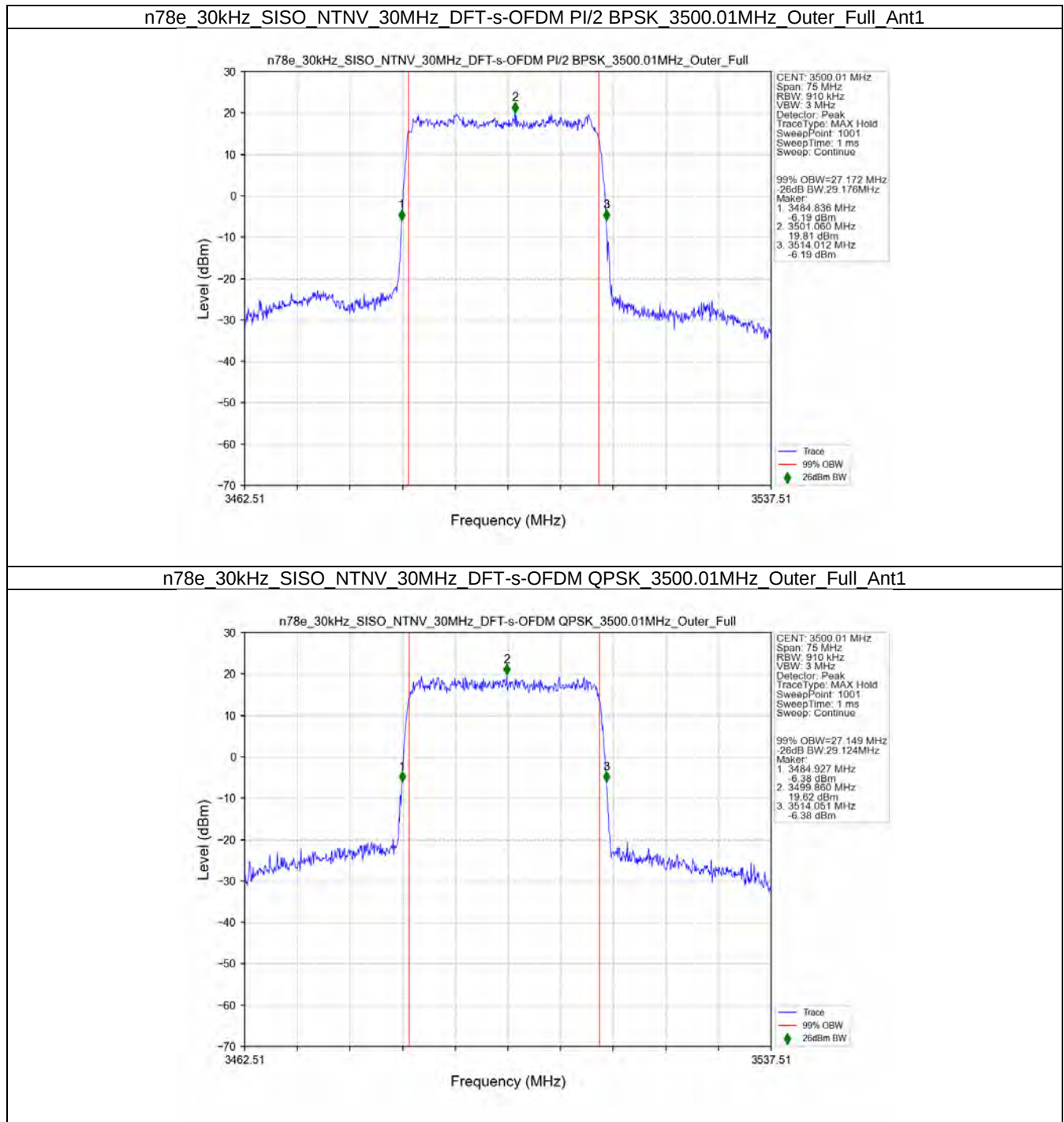
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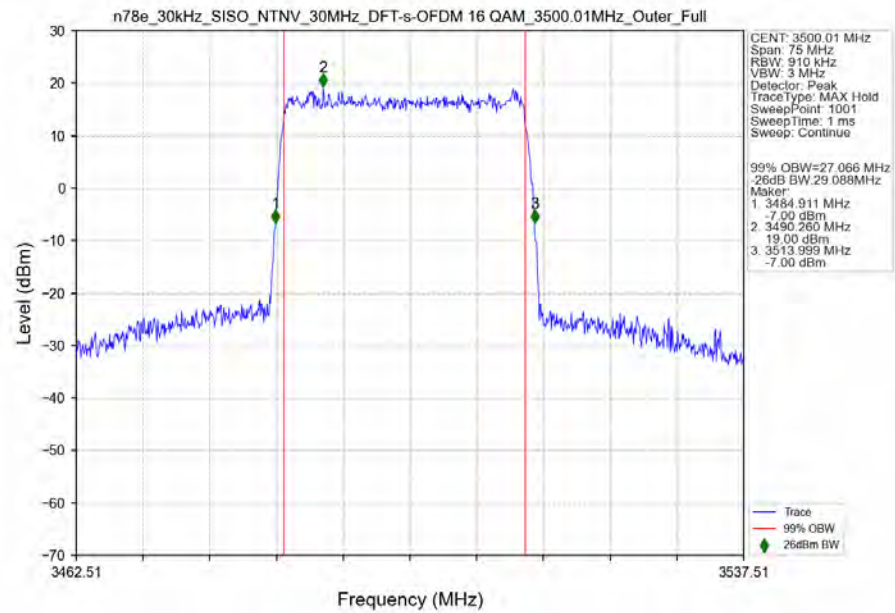
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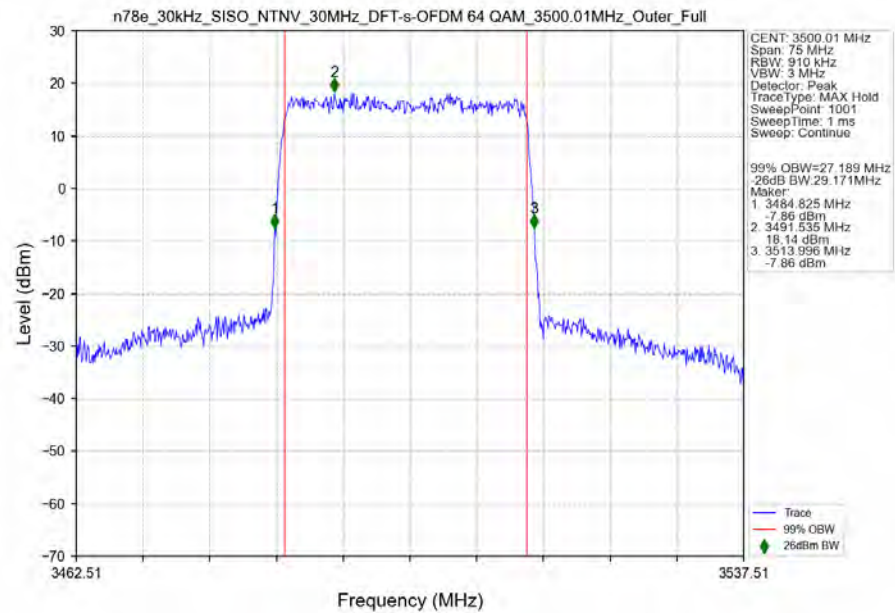
3.2.5 30k_SISO_30MHz_NTNV



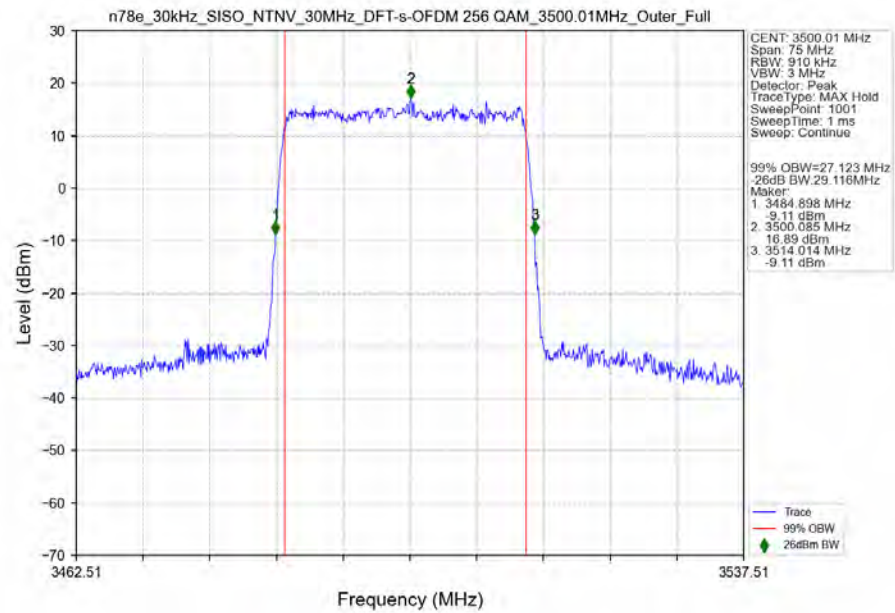
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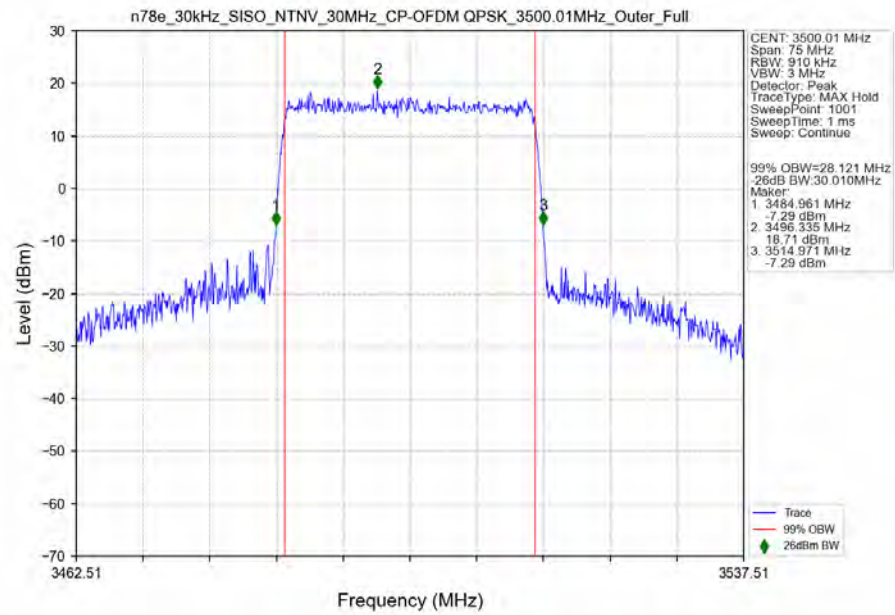
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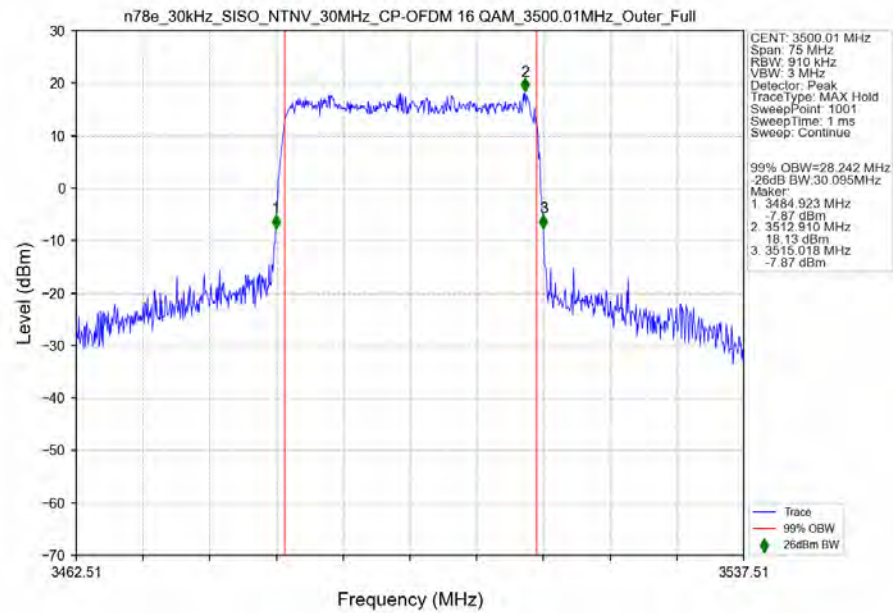
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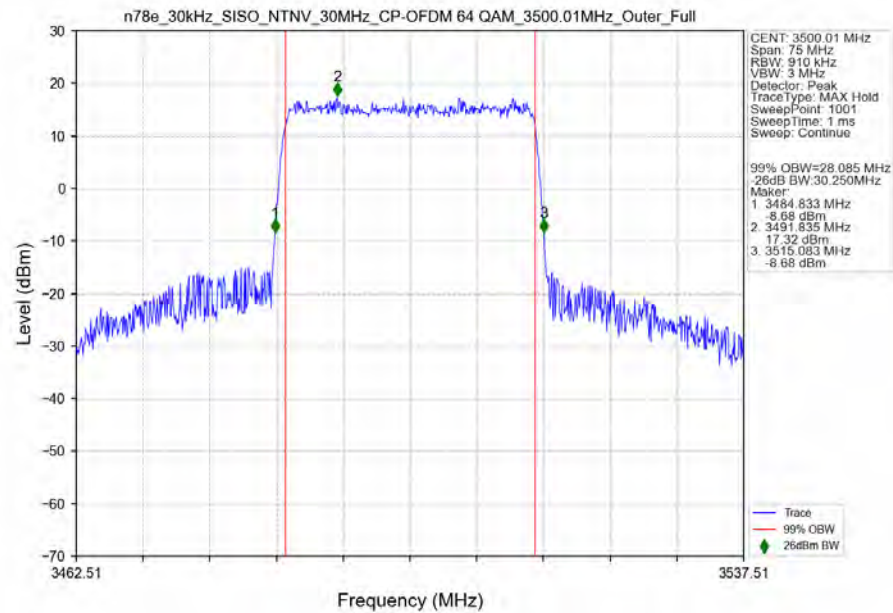
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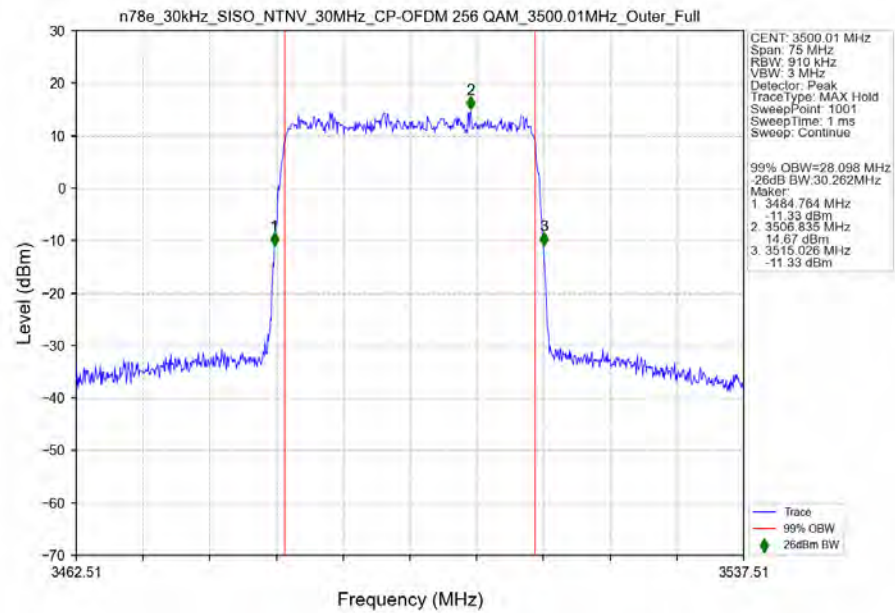
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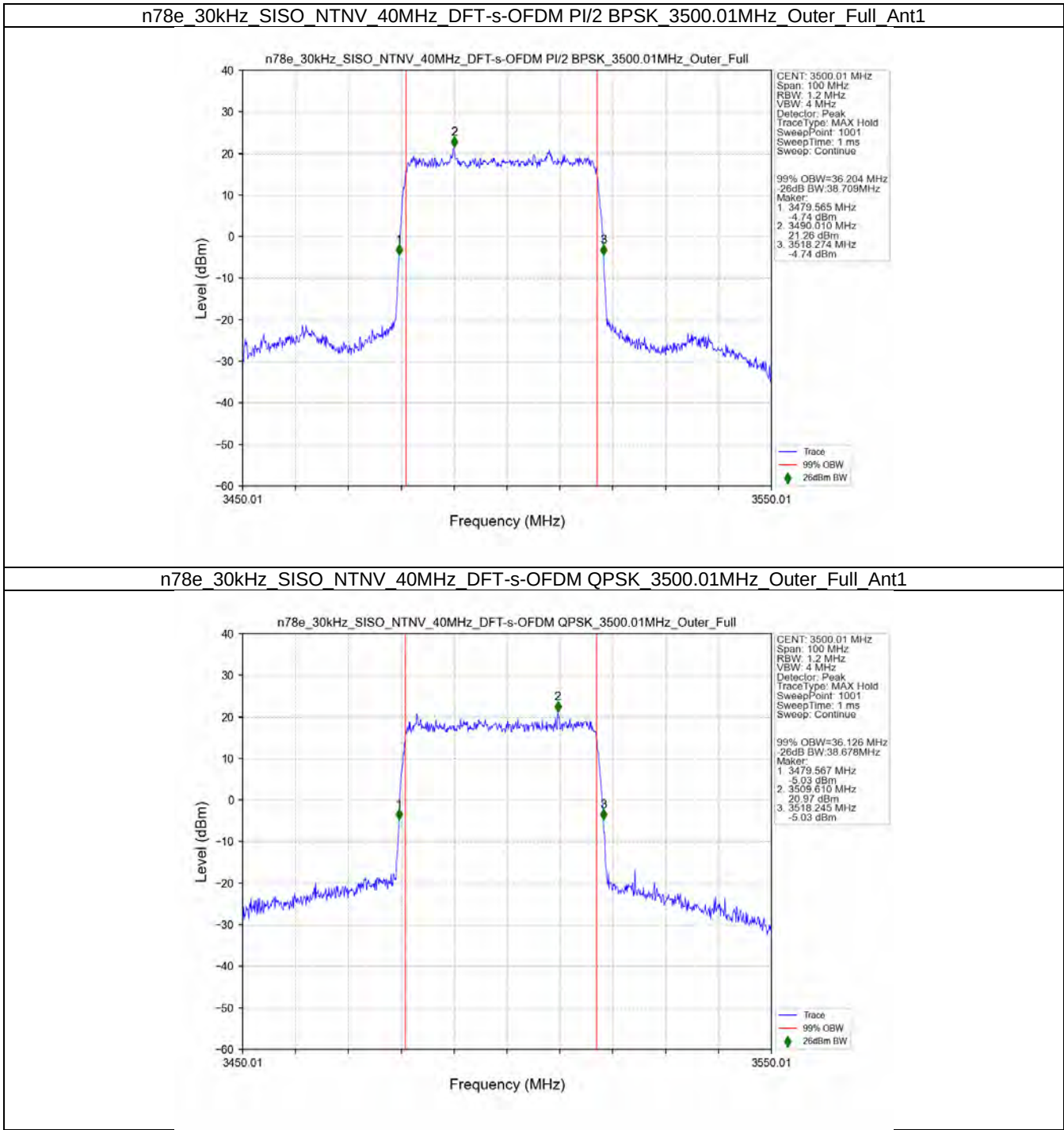
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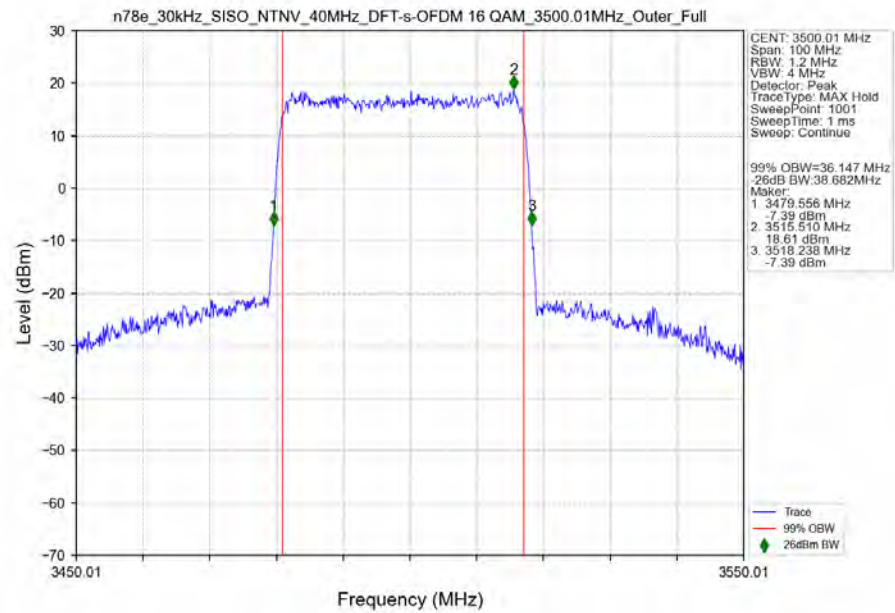
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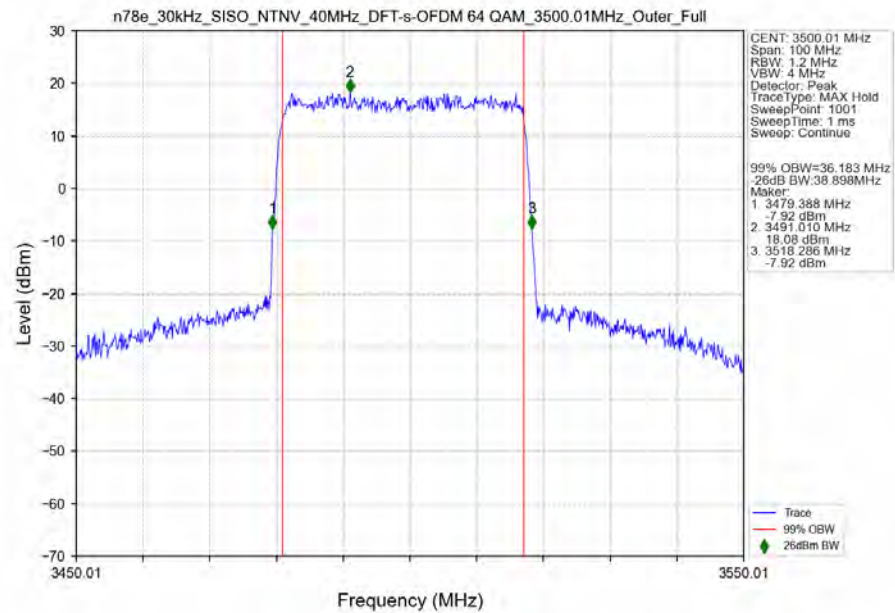
3.2.6 30k_SISO_40MHz_NTNV



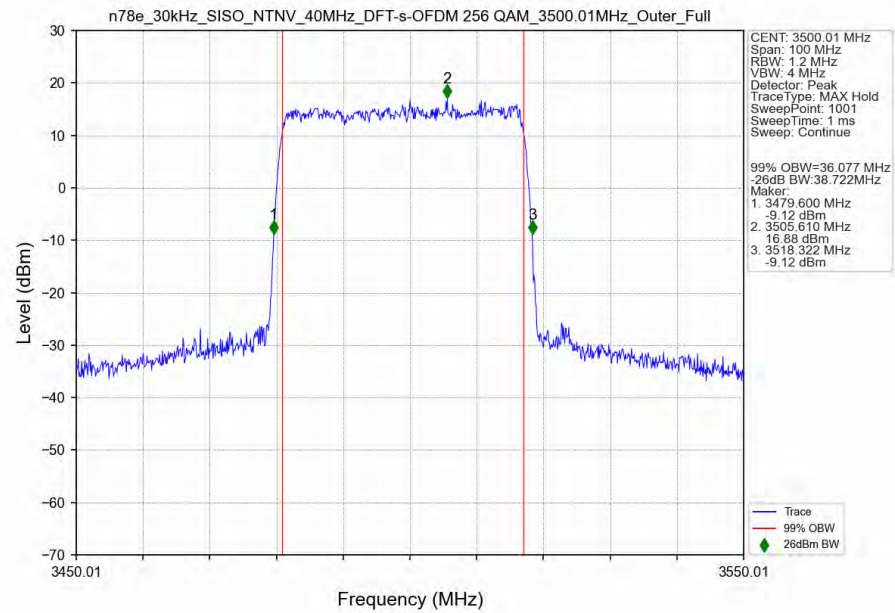
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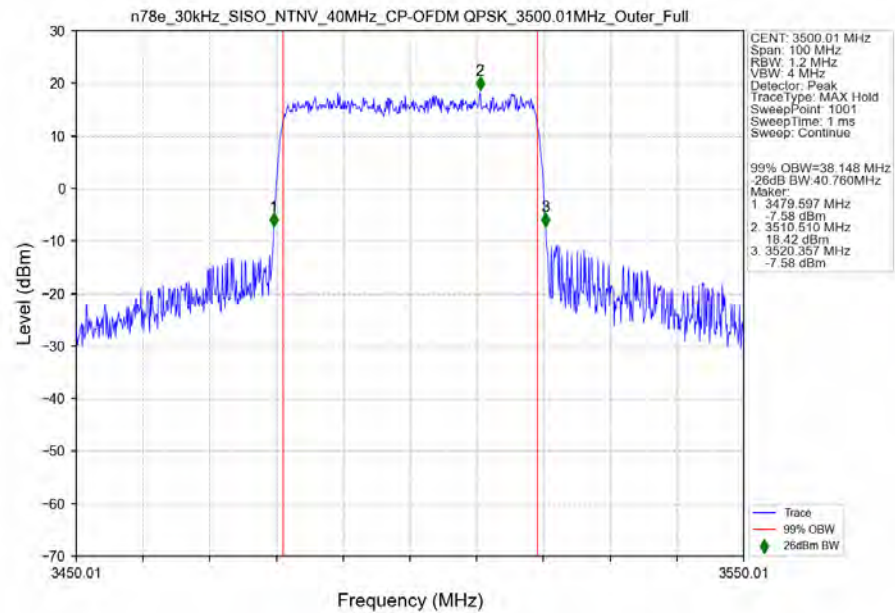
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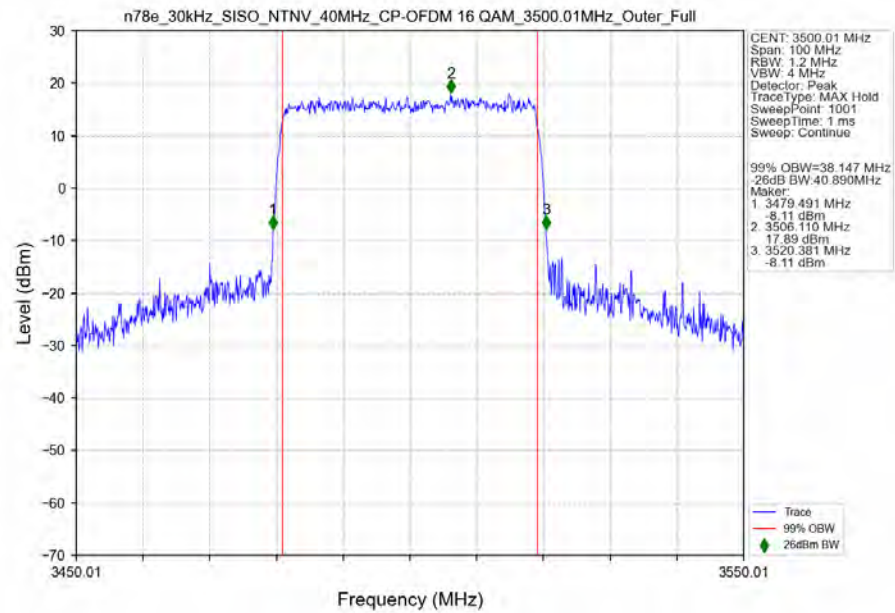
n78e 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant1



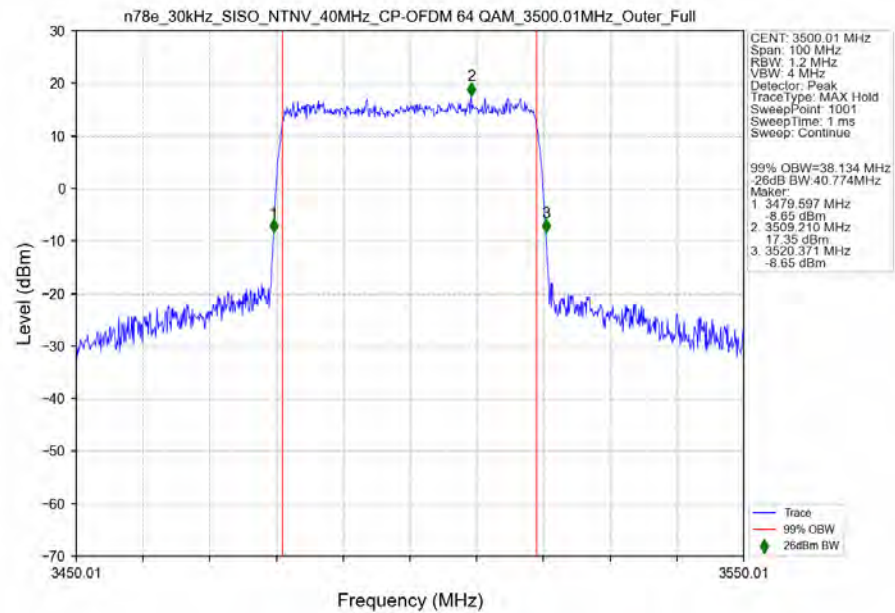
n78e 30kHz SISO NTN 40MHz CP-OFDM QPSK 3500.01MHz Outer Full Ant1



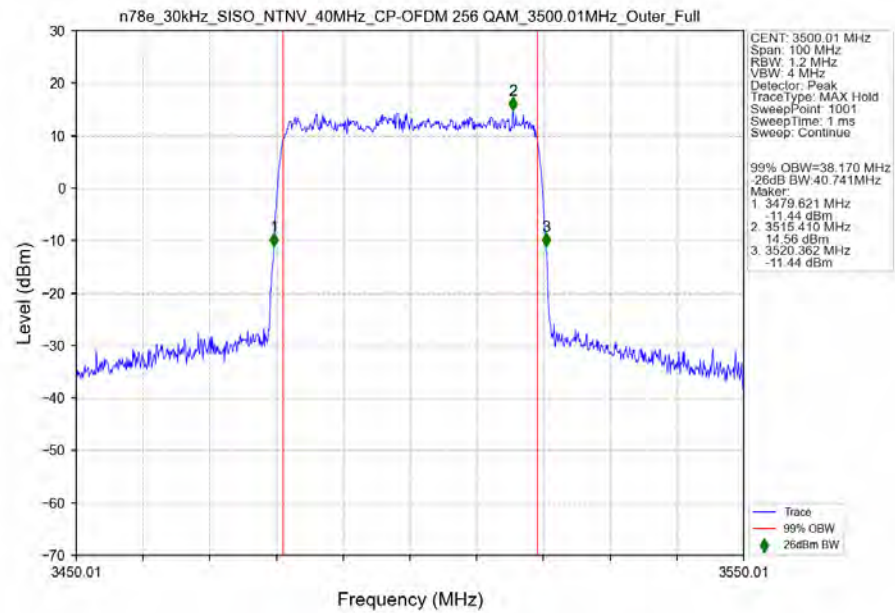
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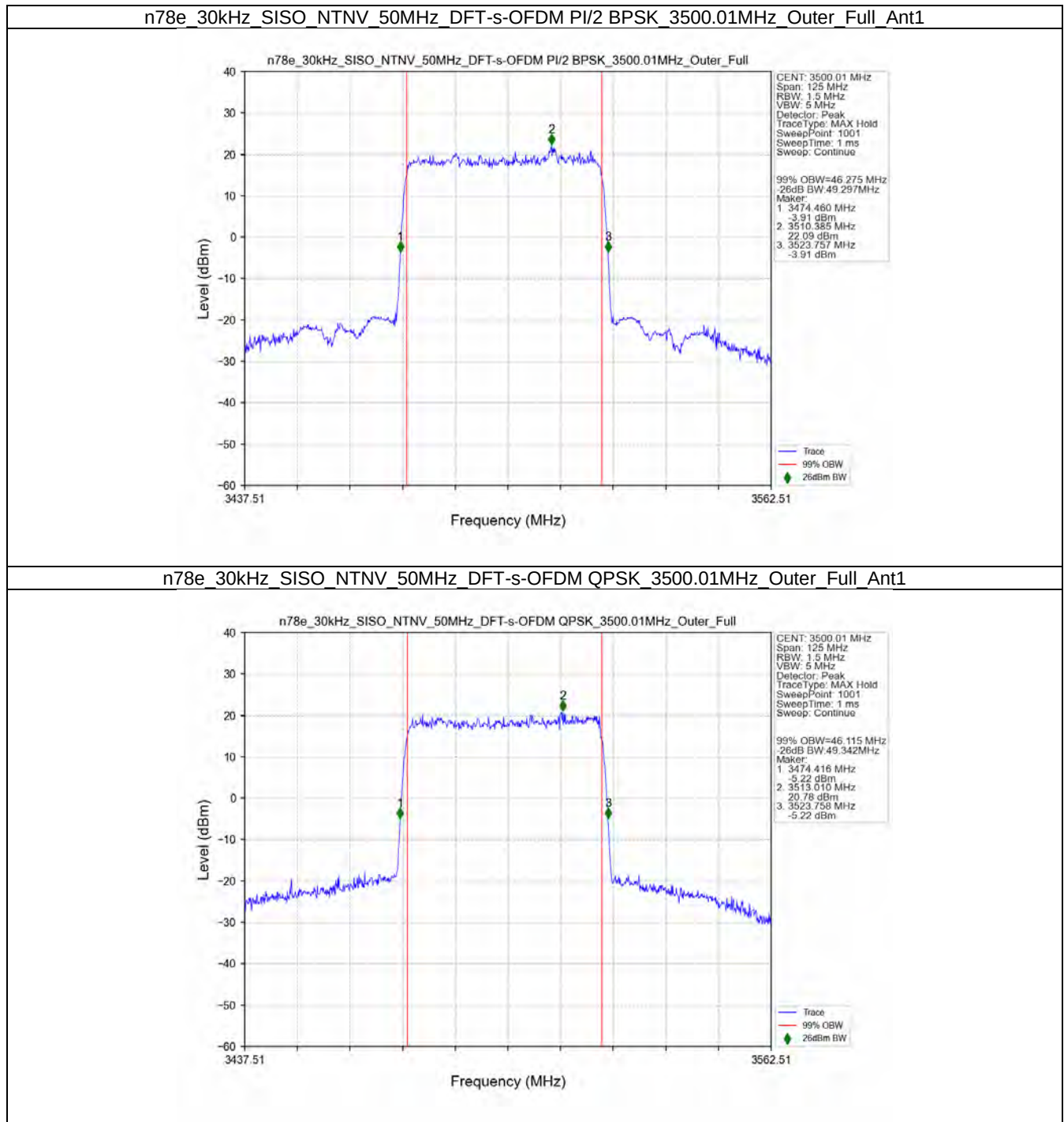
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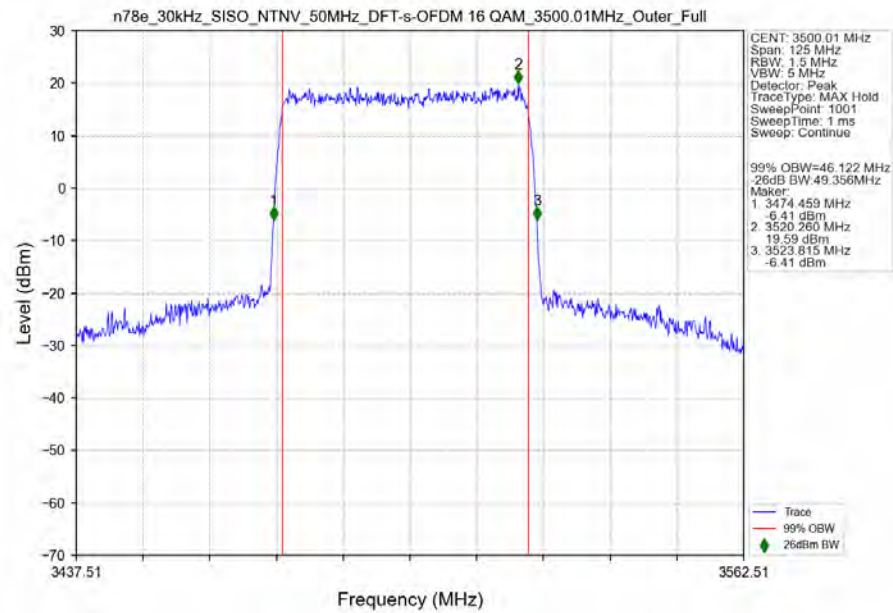
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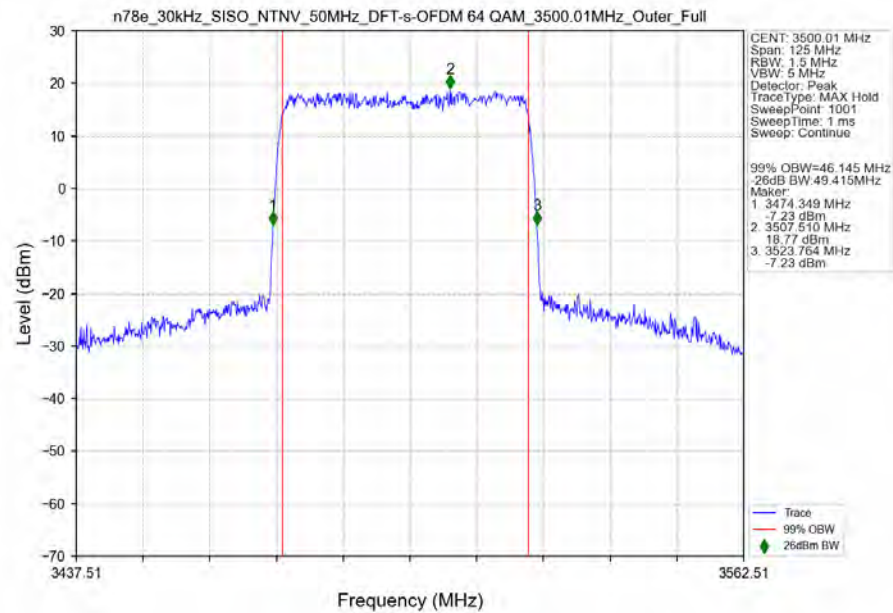
3.2.7 30k_SISO_50MHz_NTNV



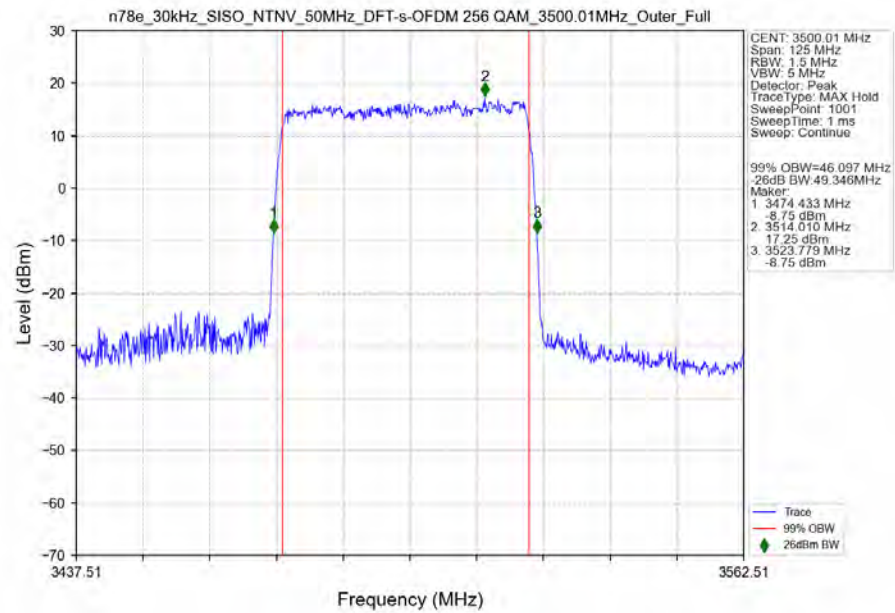
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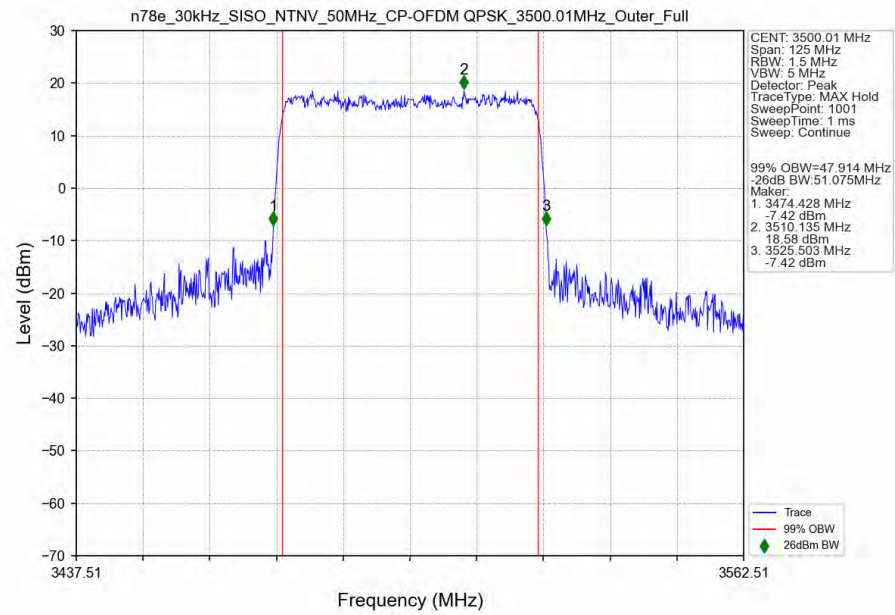
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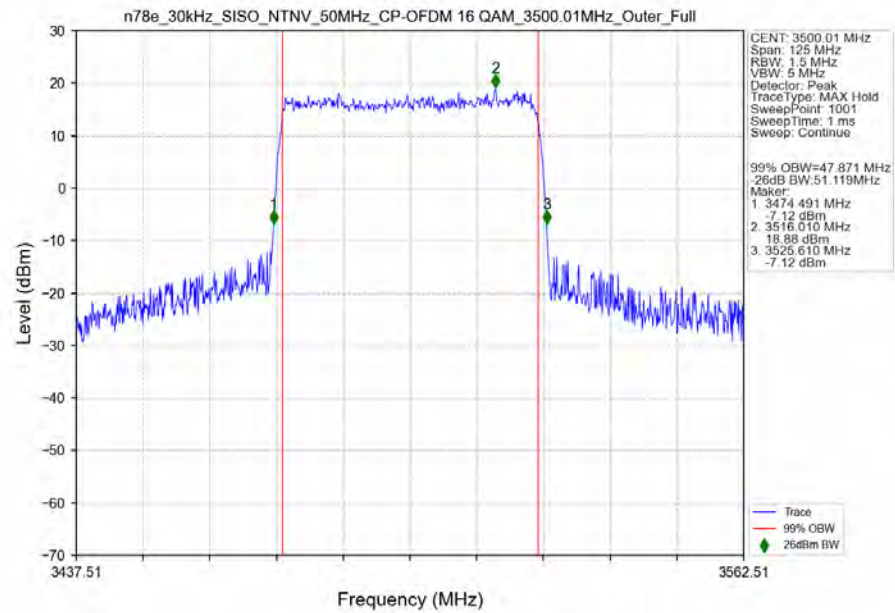
n78e 30kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant1



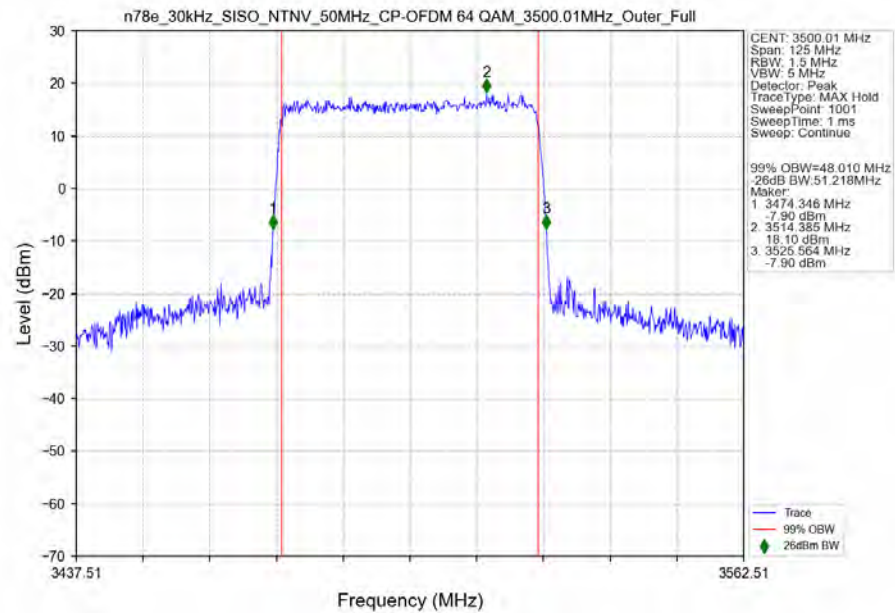
n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3500.01MHz Outer Full Ant1



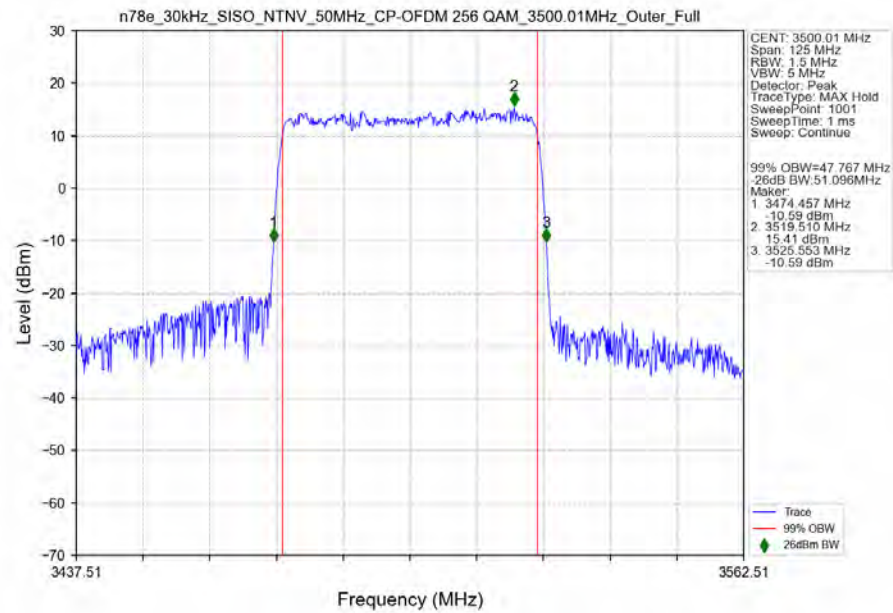
n78e 30kHz SISO NTV 50MHz CP-OFDM 16 QAM 3500.01MHz Outer Full Ant1



n78e 30kHz SISO NTV 50MHz CP-OFDM 64 QAM 3500.01MHz Outer Full Ant1

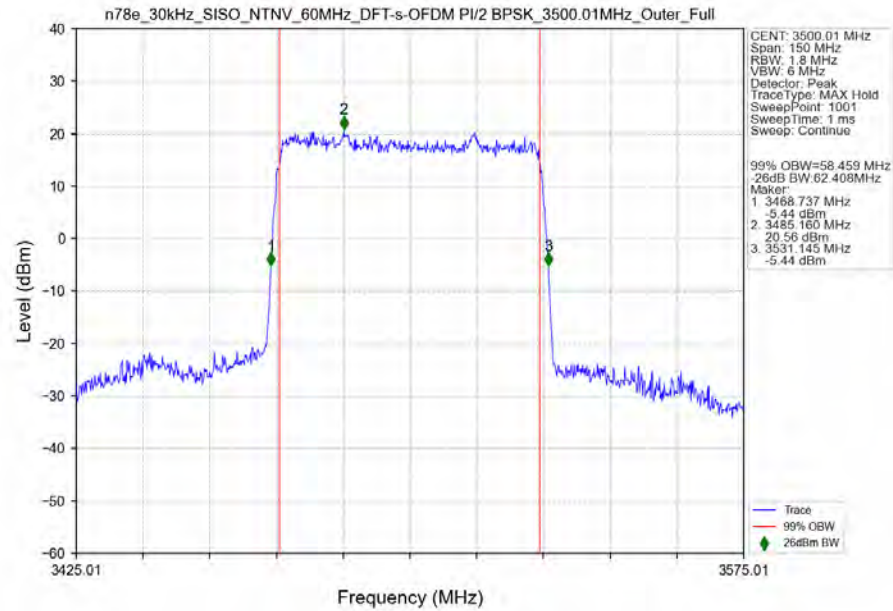


n78e 30kHz SISO NTN 50MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1

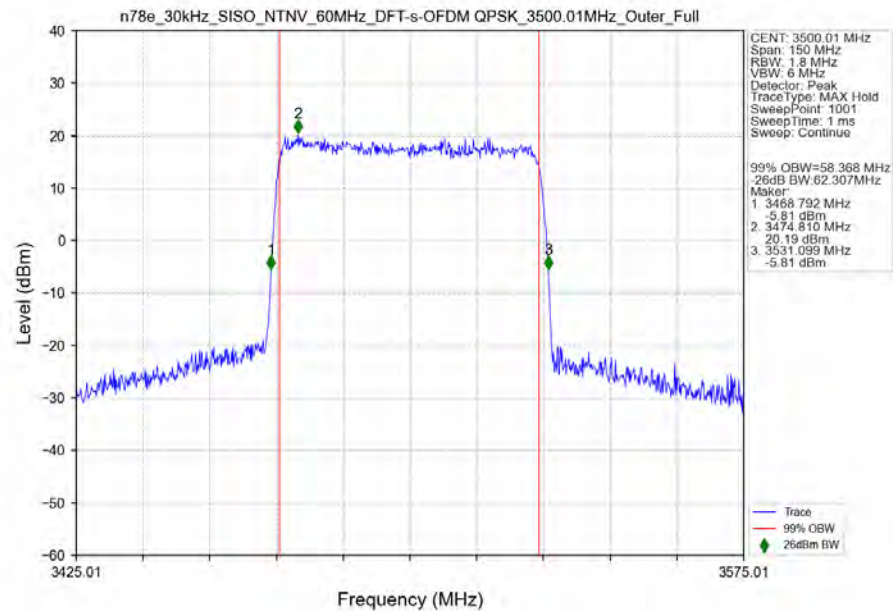


3.2.8 30k_SISO_60MHz_NTNV

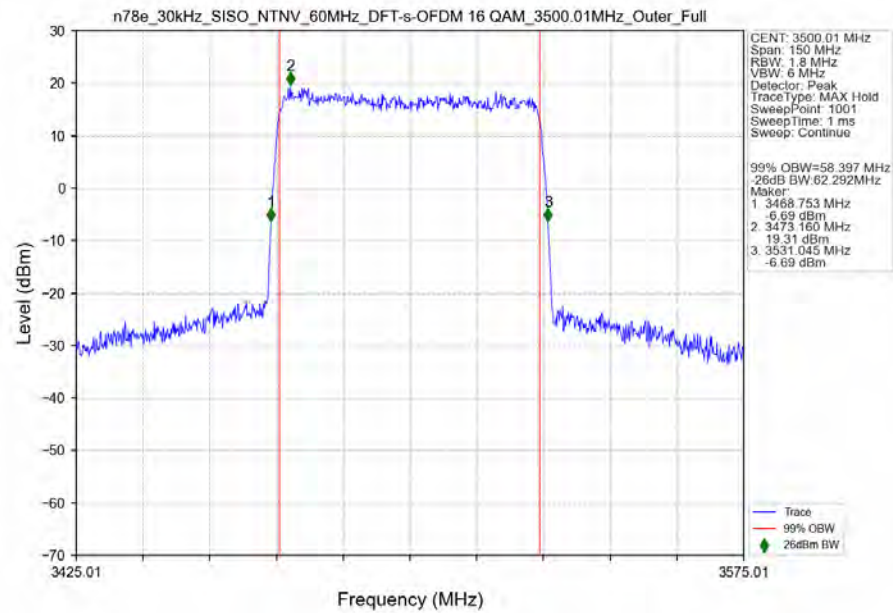
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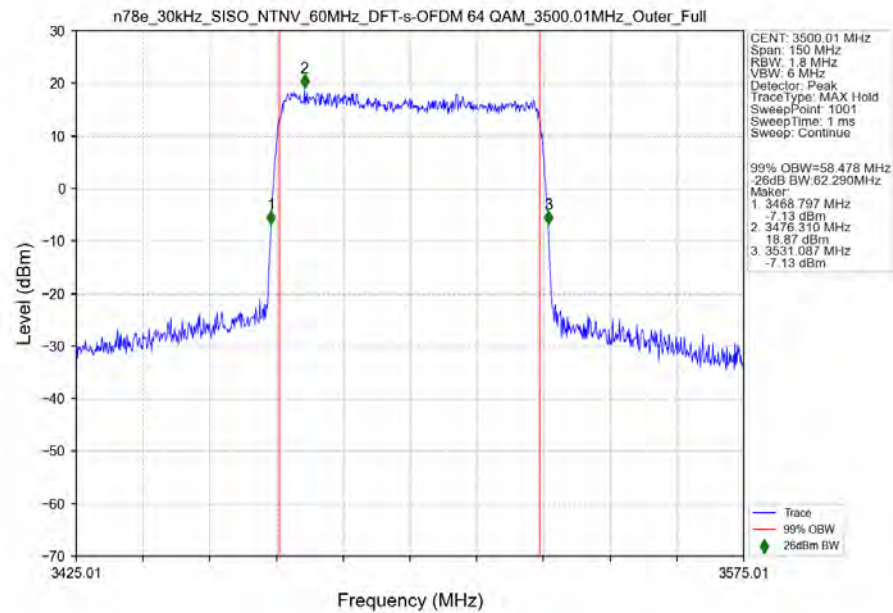
n78e_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full_Ant1



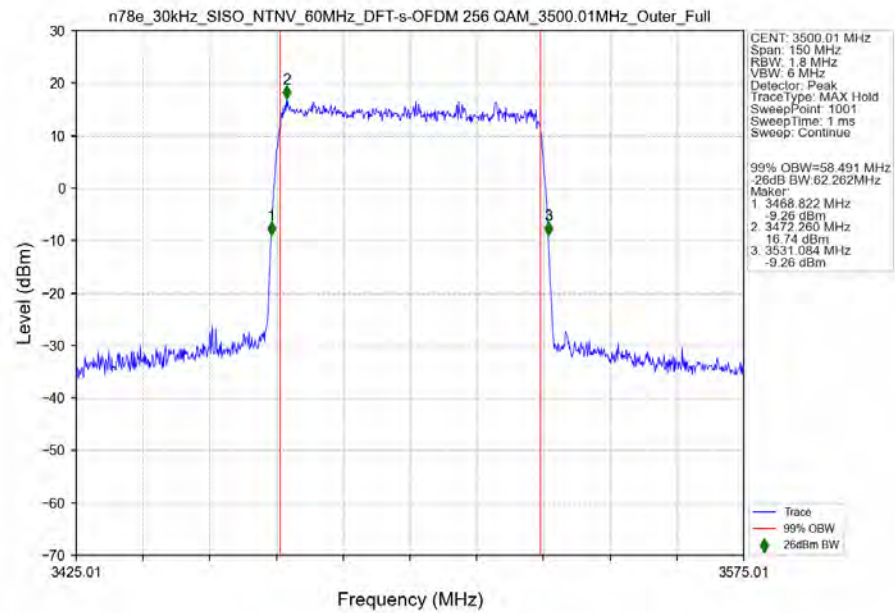
n78e 30kHz SISO NTN 60MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant1



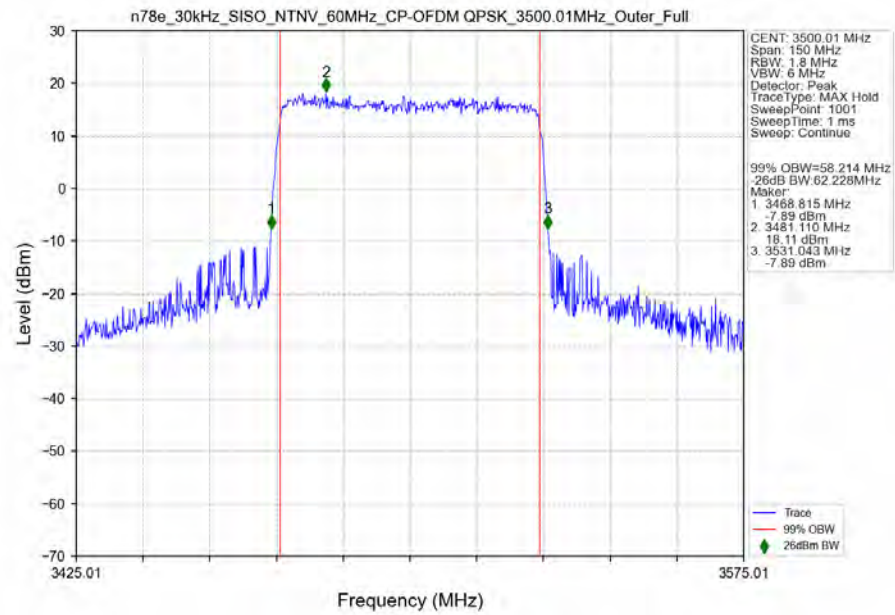
n78e 30kHz SISO NTN 60MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant1



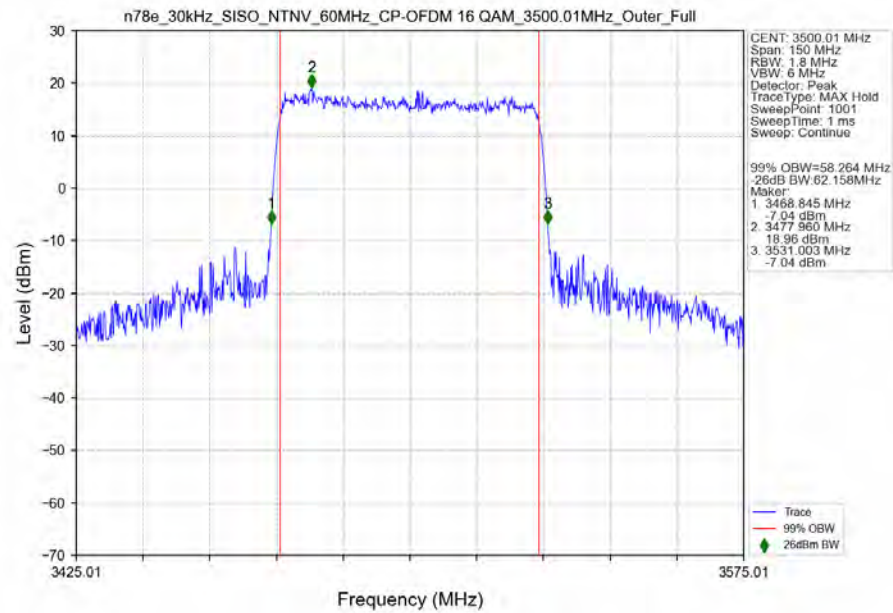
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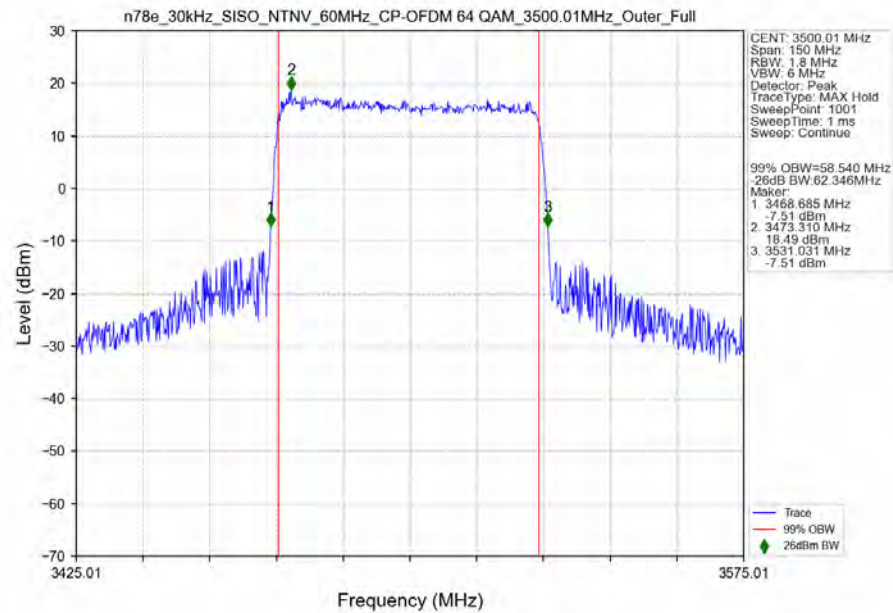
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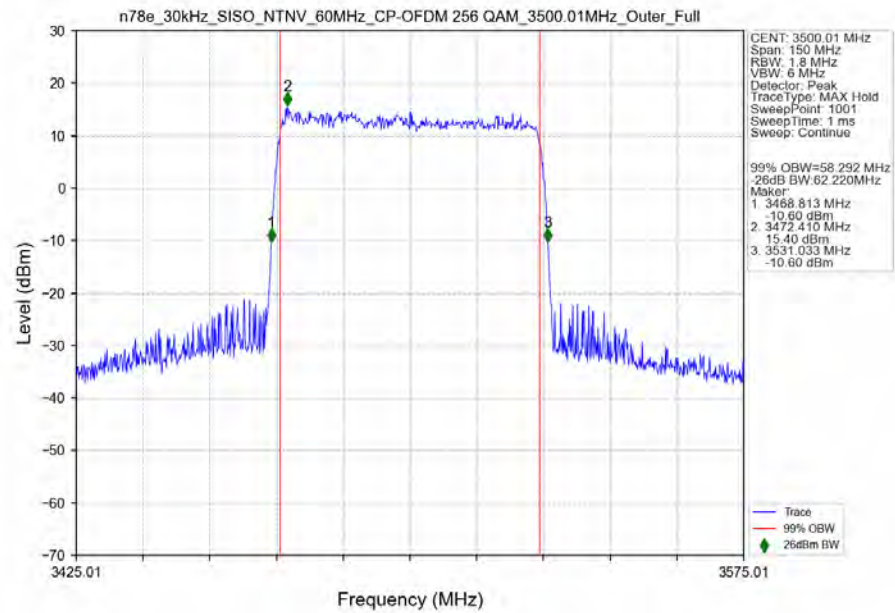
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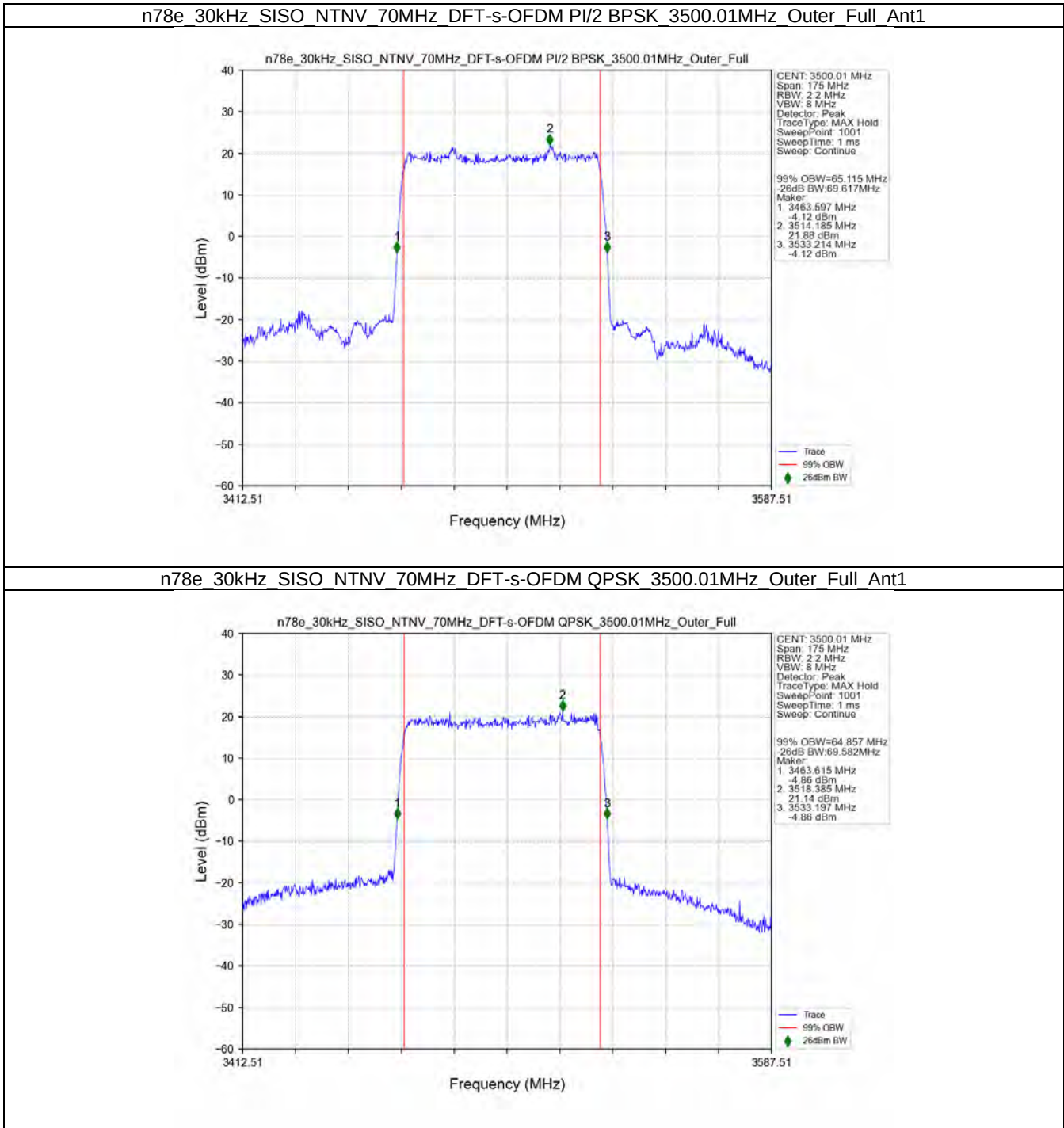
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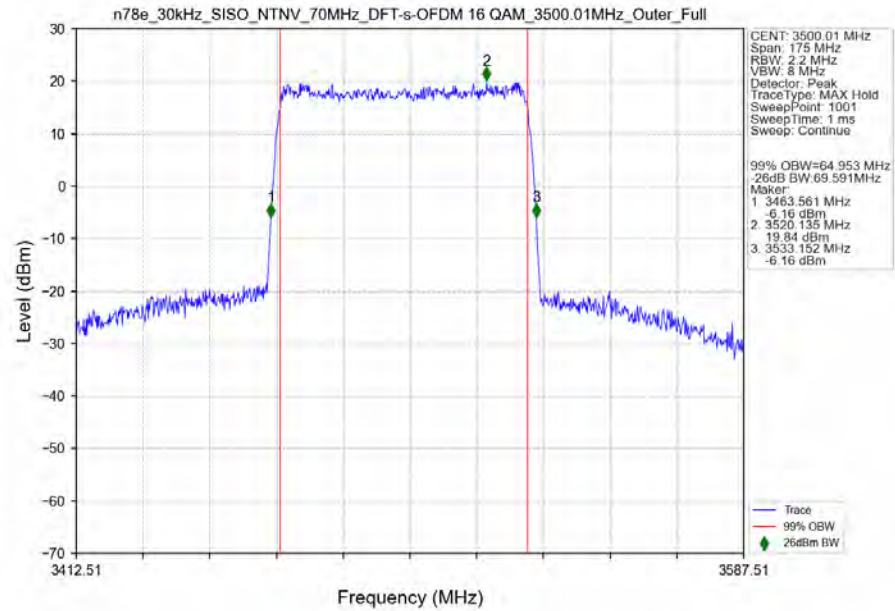
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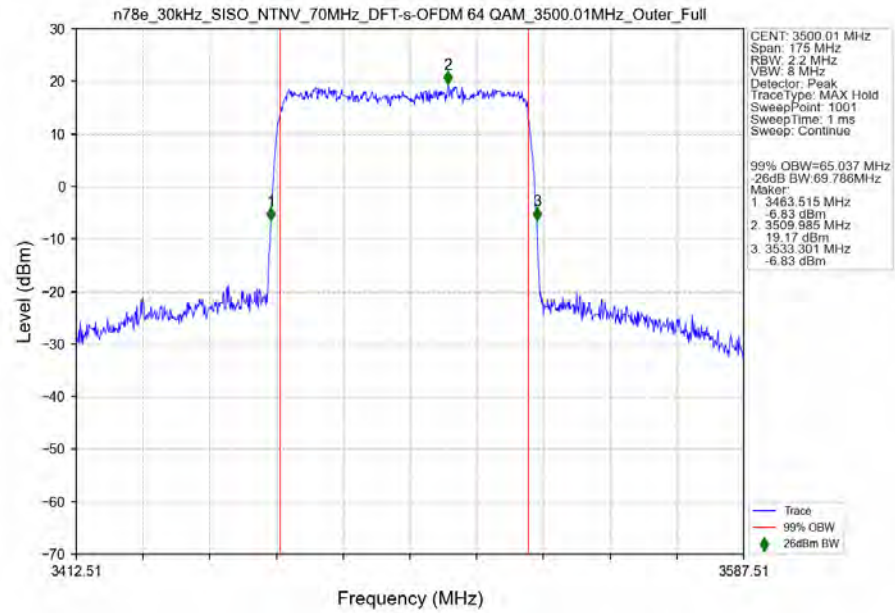
3.2.9 30k_SISO_70MHz_NTNV



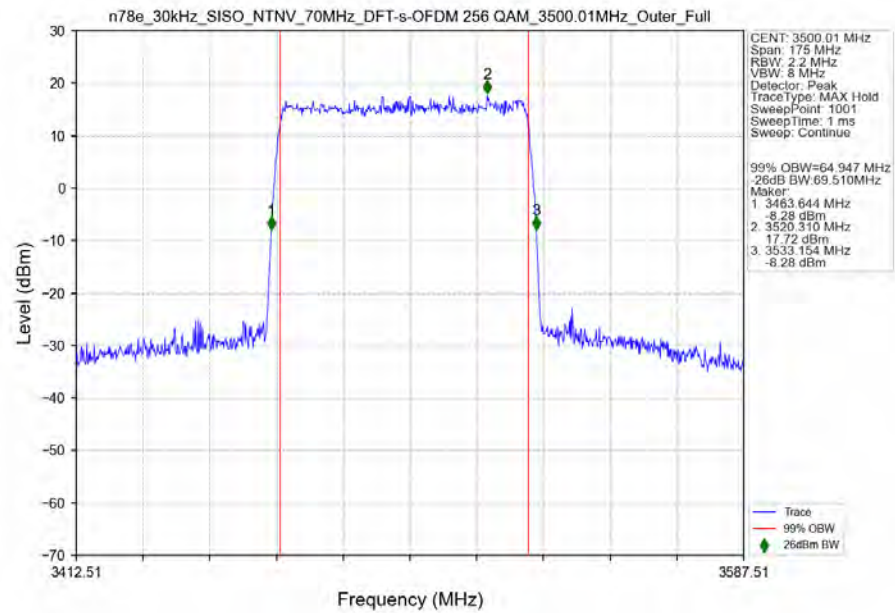
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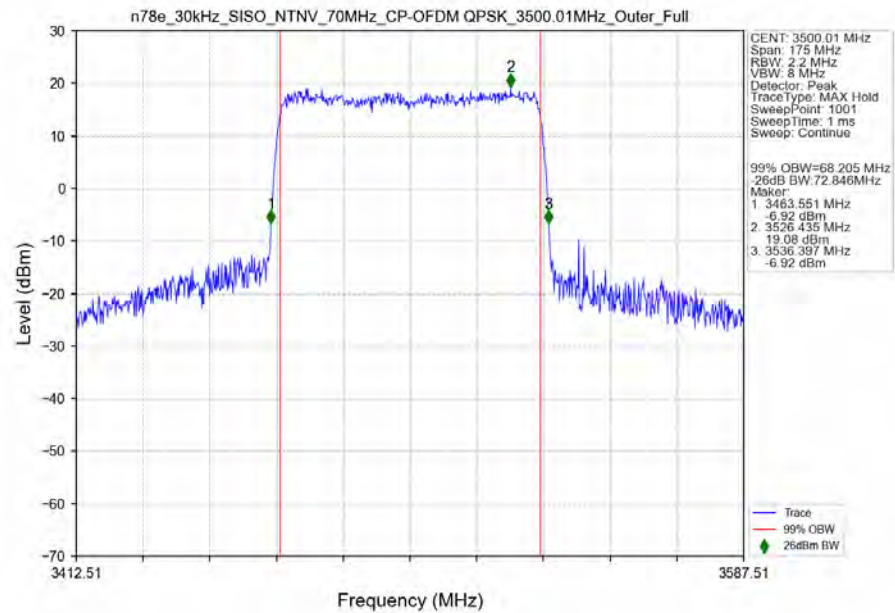
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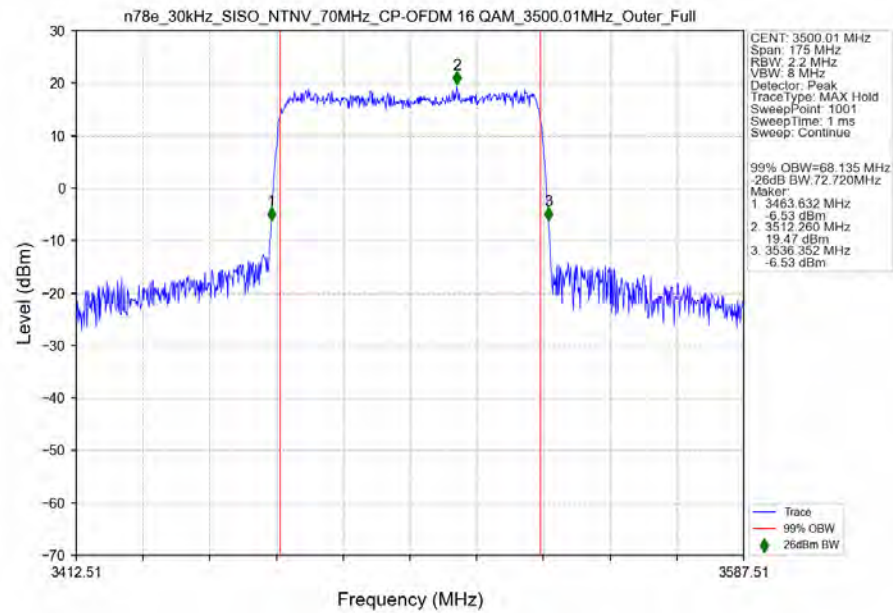
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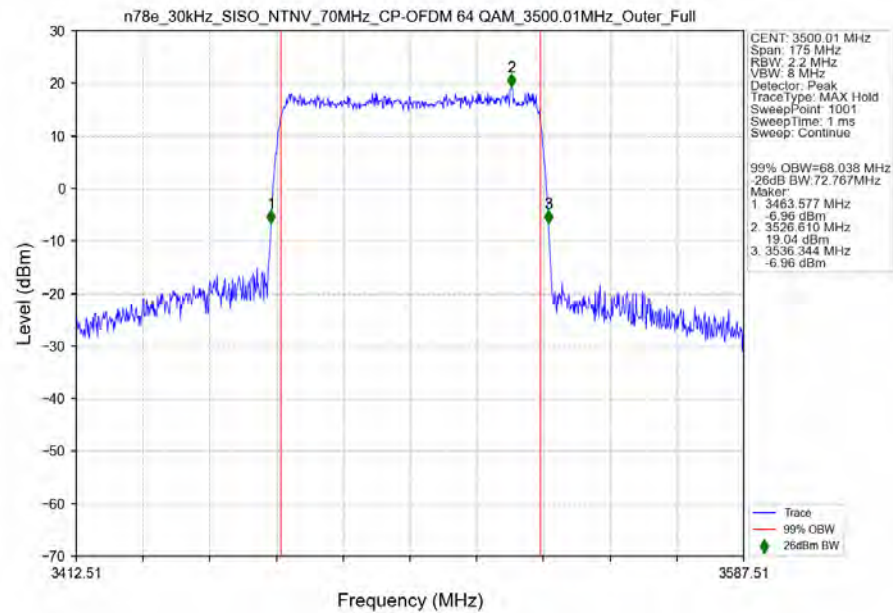
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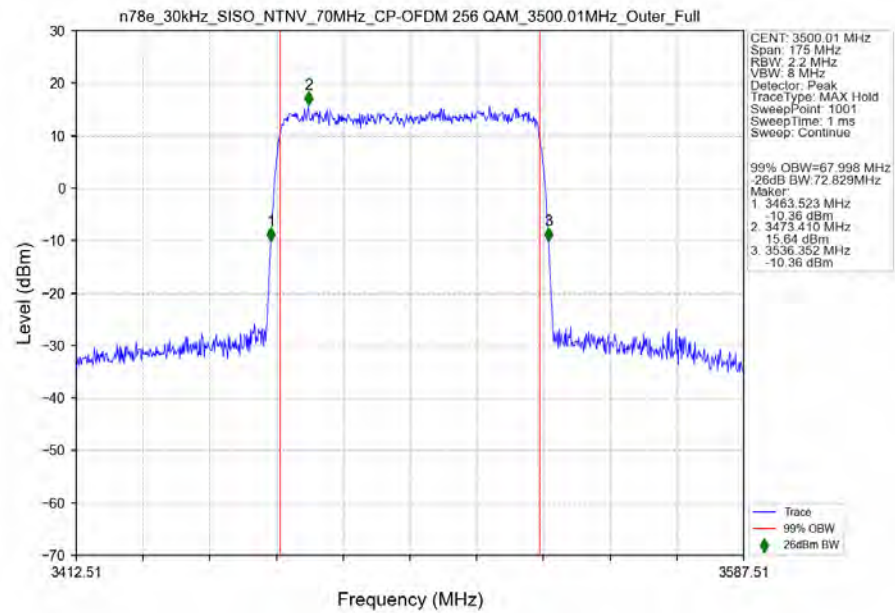
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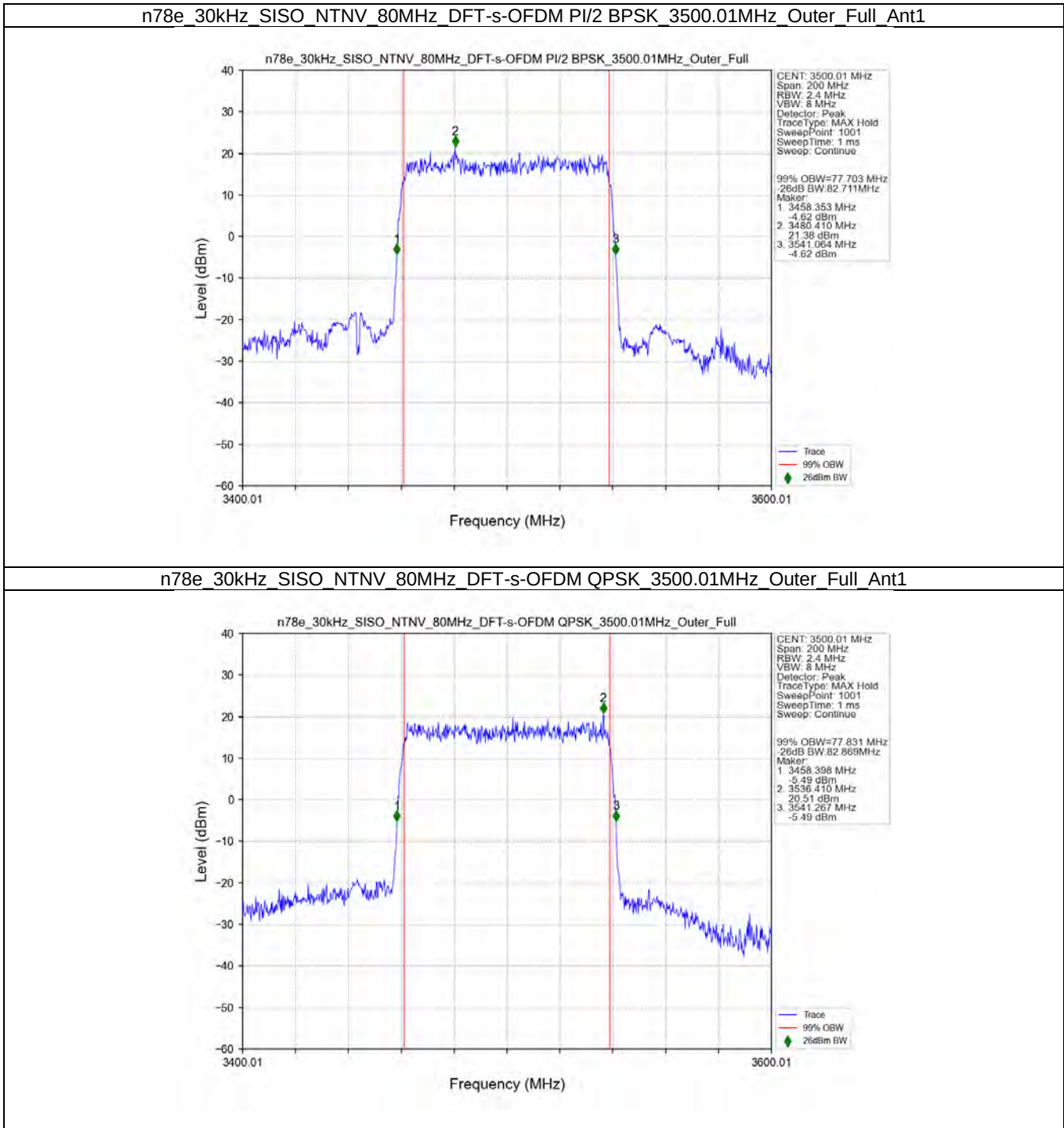
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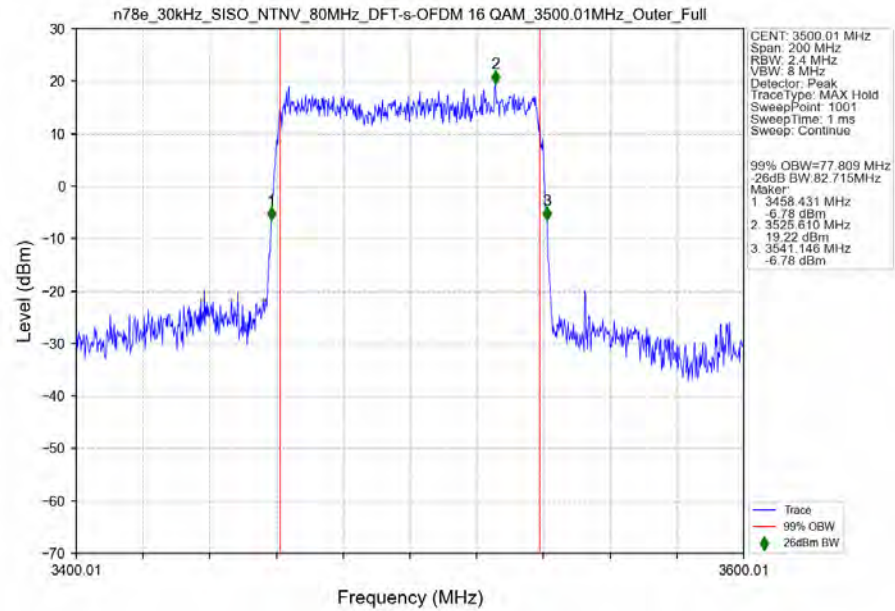
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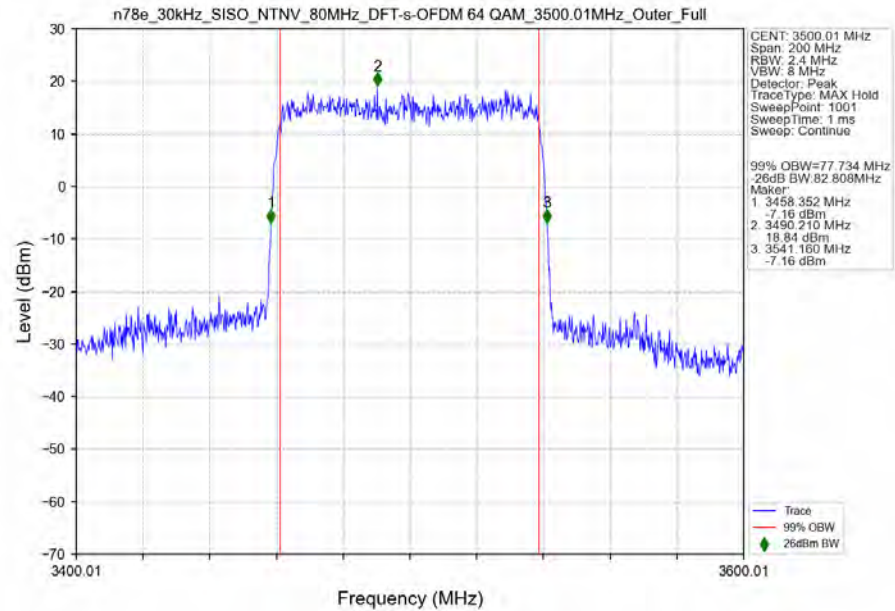
3.2.10 30k_SISO_80MHz_NTNV



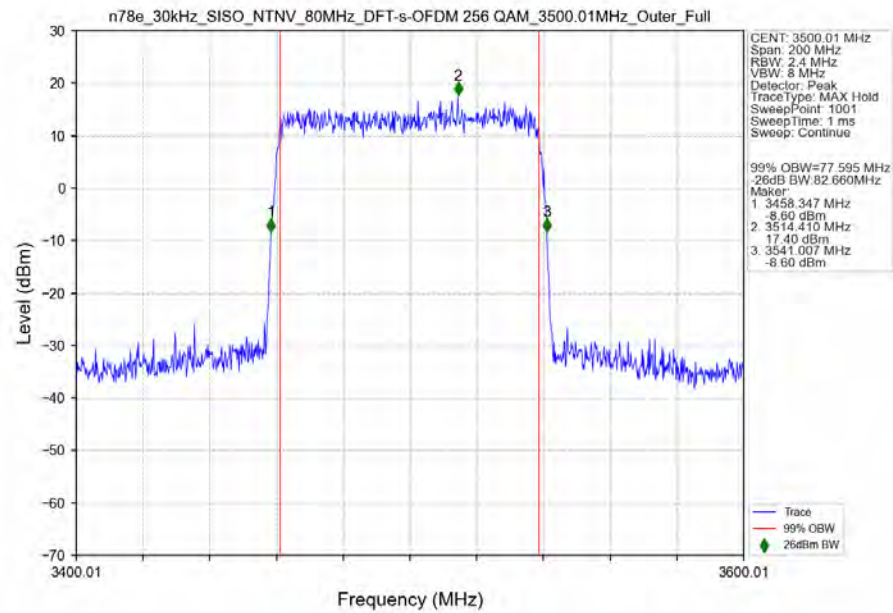
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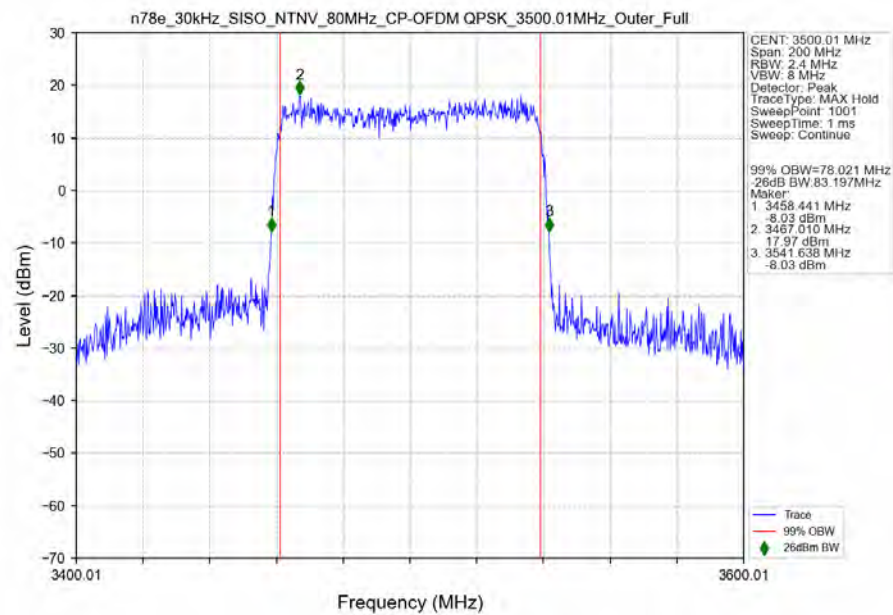
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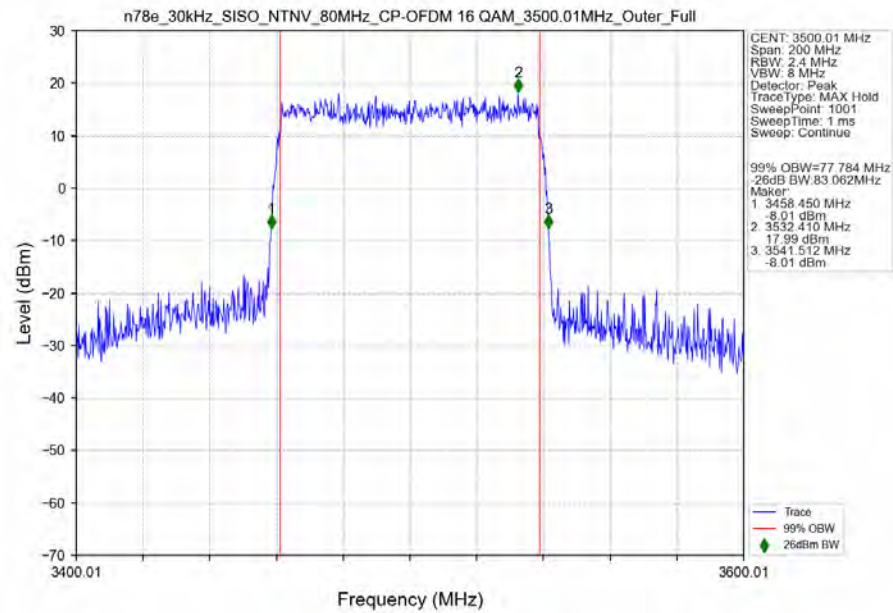
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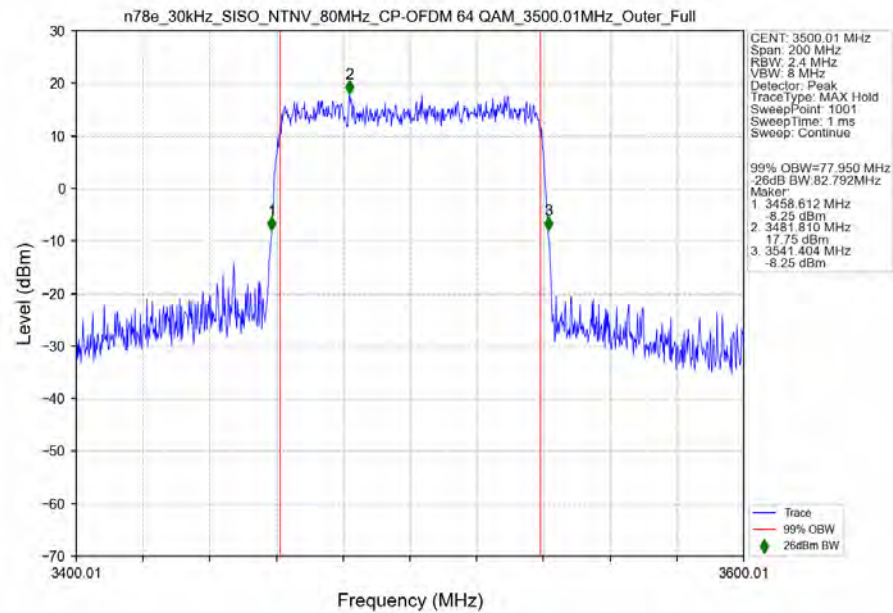
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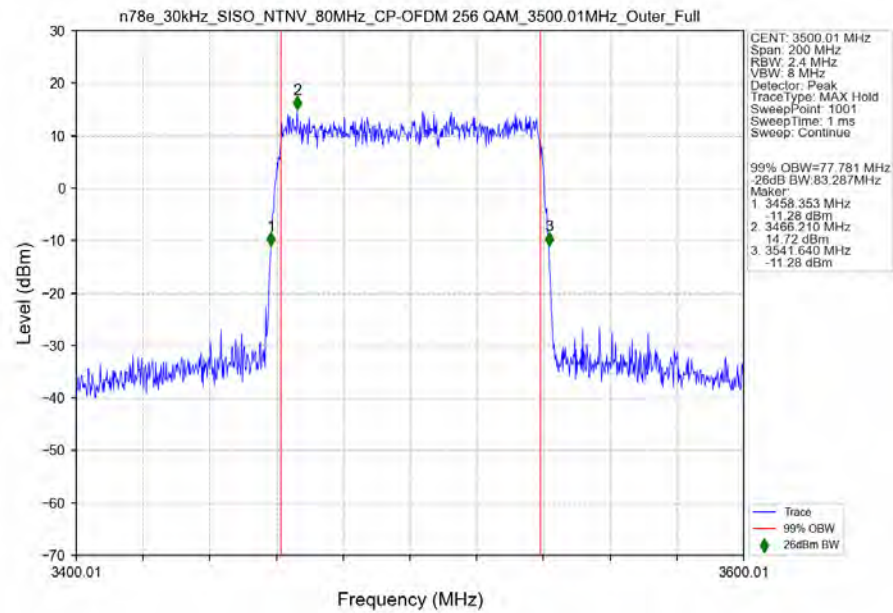
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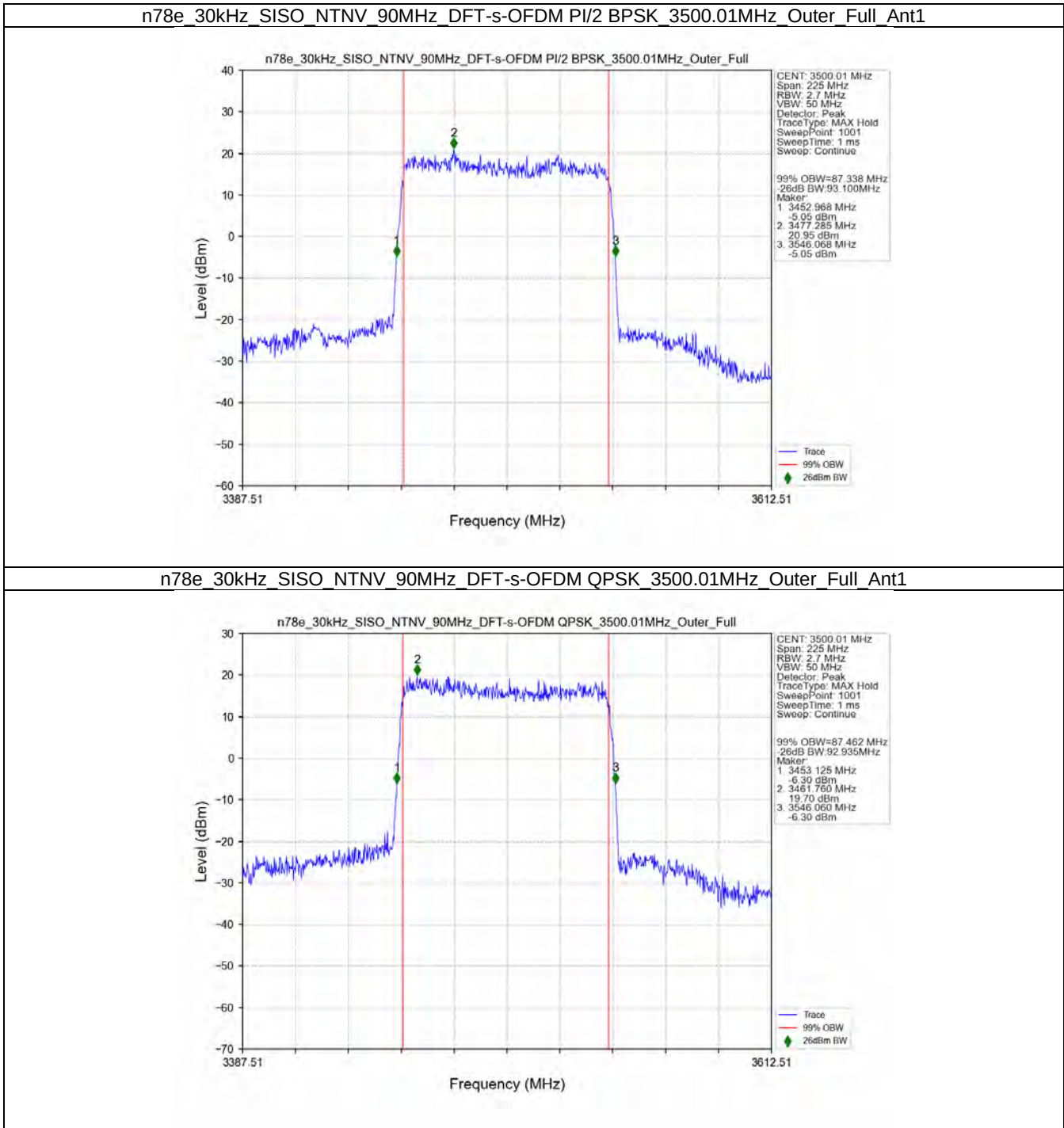
n78e 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3500.01MHz Outer Full Ant1



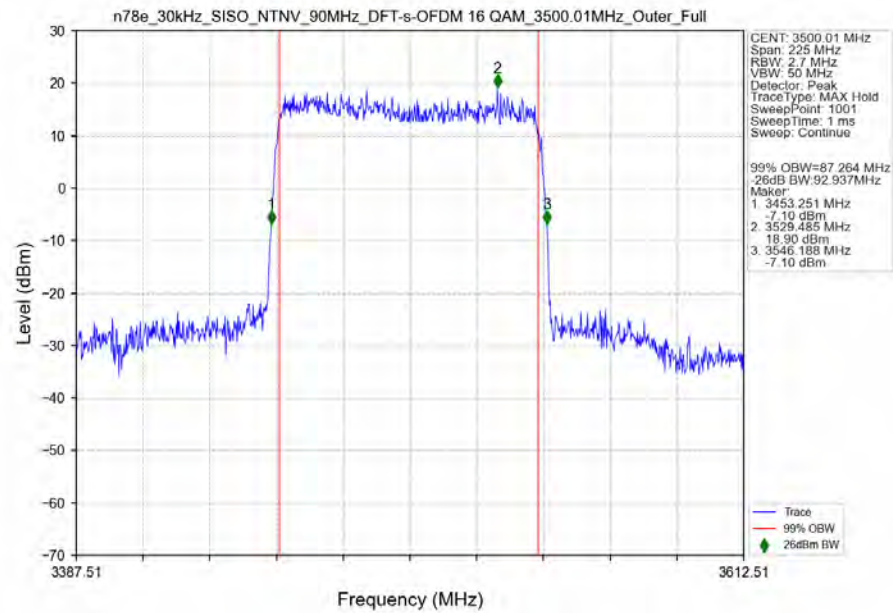
n78e 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1



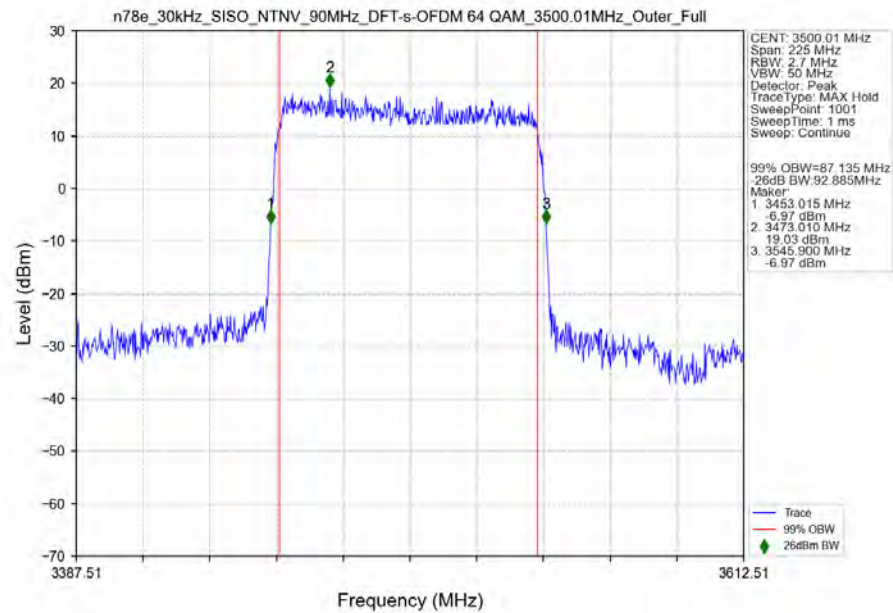
3.2.11 30k_SISO_90MHz_NTNV



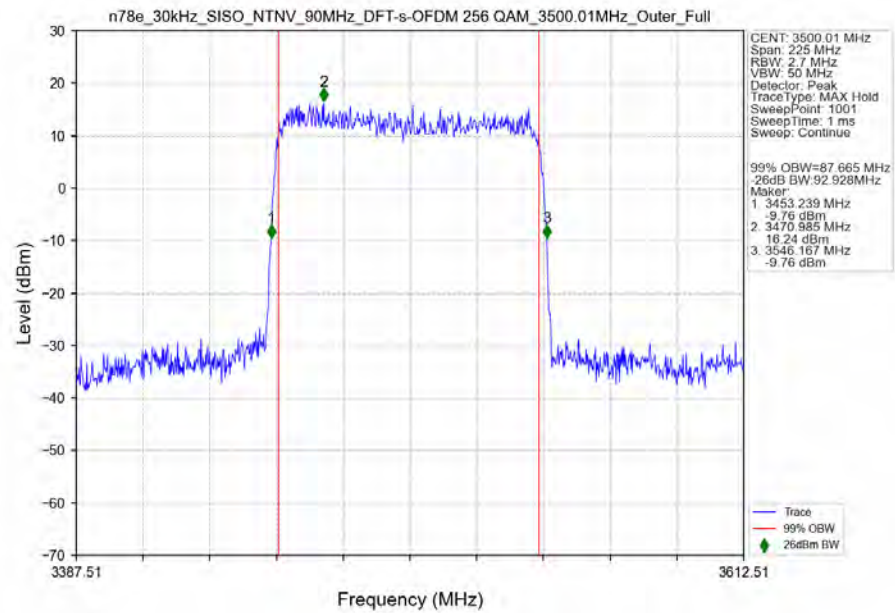
n78e 30kHz SISO NTN 90MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant1



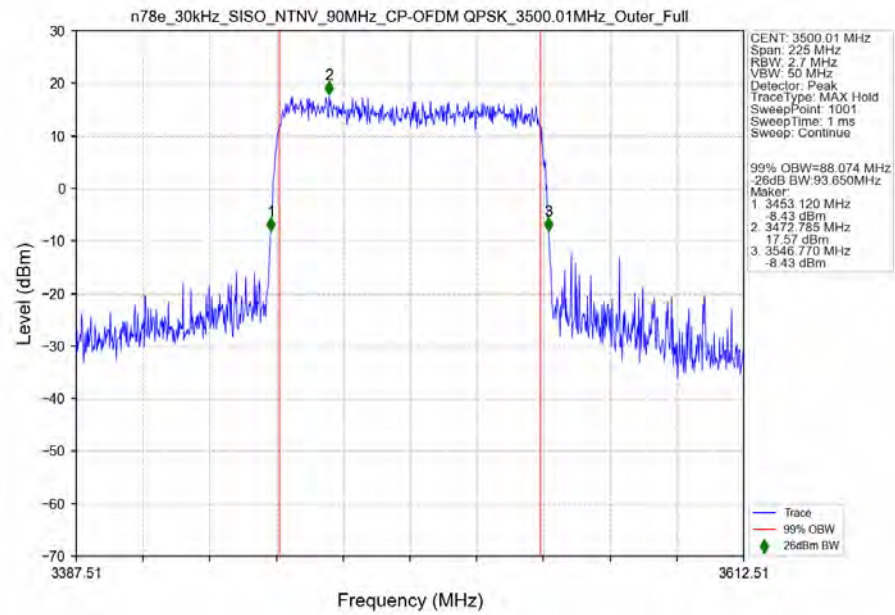
n78e 30kHz SISO NTN 90MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant1



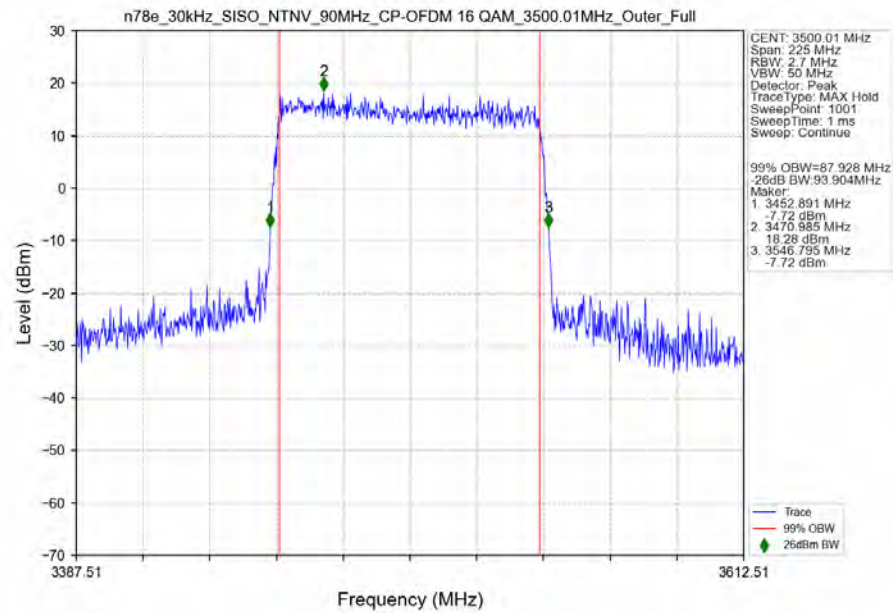
n78e 30kHz SISO NTN 90MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant1



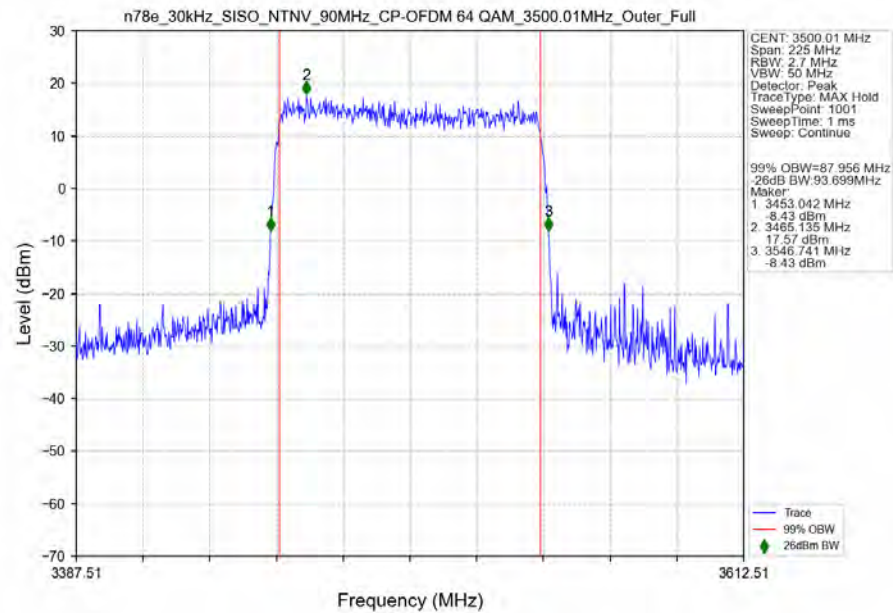
n78e 30kHz SISO NTN 90MHz CP-OFDM QPSK 3500.01MHz Outer Full Ant1



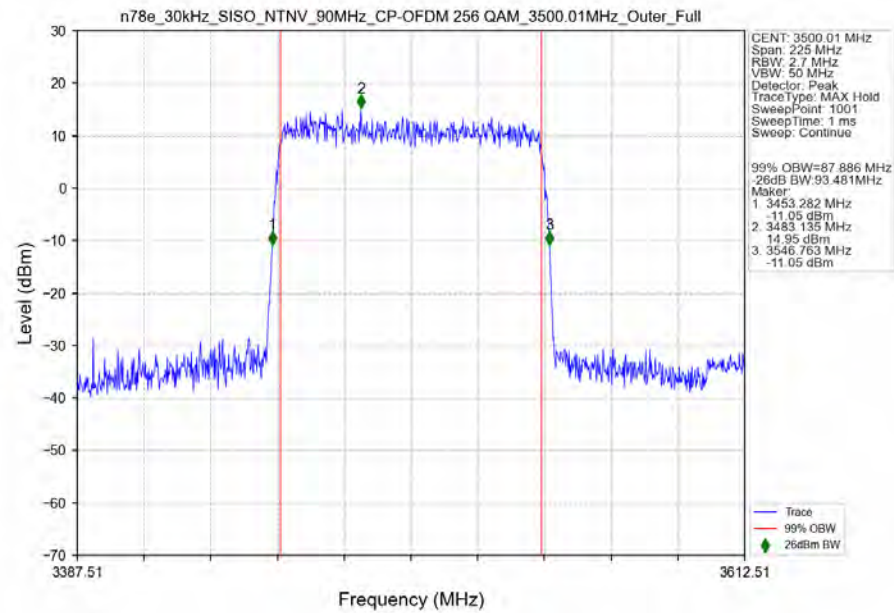
n78e 30kHz SISO NTV 90MHz CP-OFDM 16 QAM 3500.01MHz Outer Full Ant1



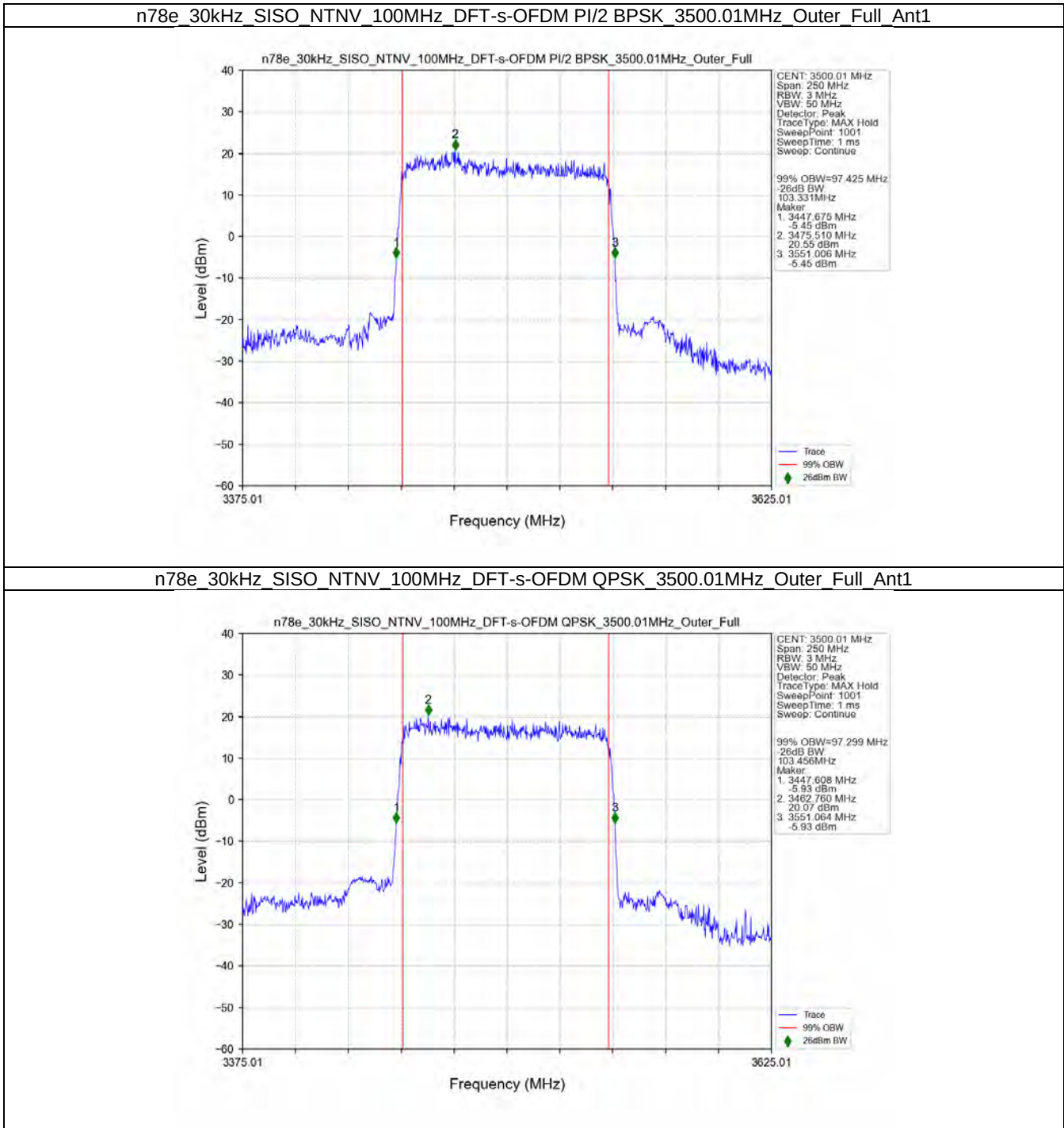
n78e 30kHz SISO NTV 90MHz CP-OFDM 64 QAM 3500.01MHz Outer Full Ant1



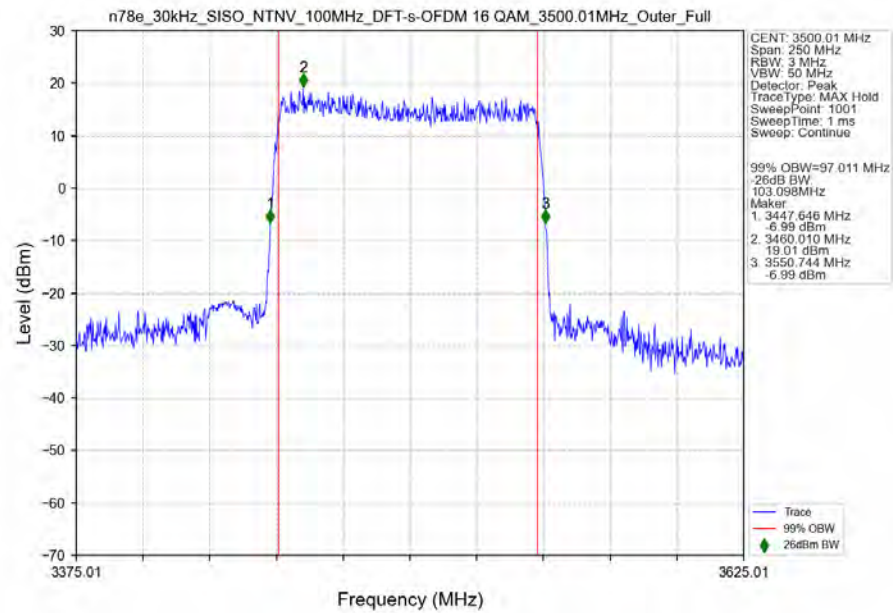
n78e 30kHz SISO NTN 90MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1



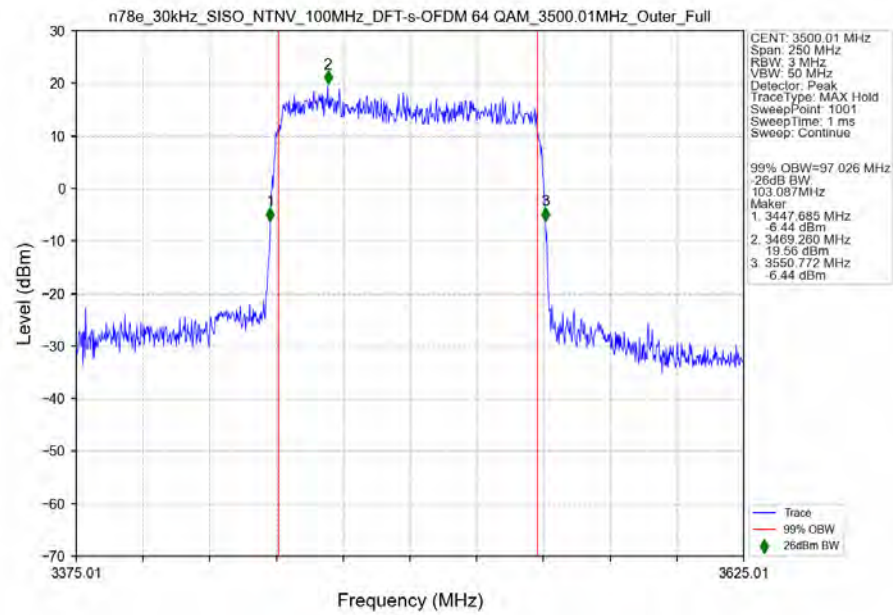
3.2.12 30k_SISO_100MHz_NTNV



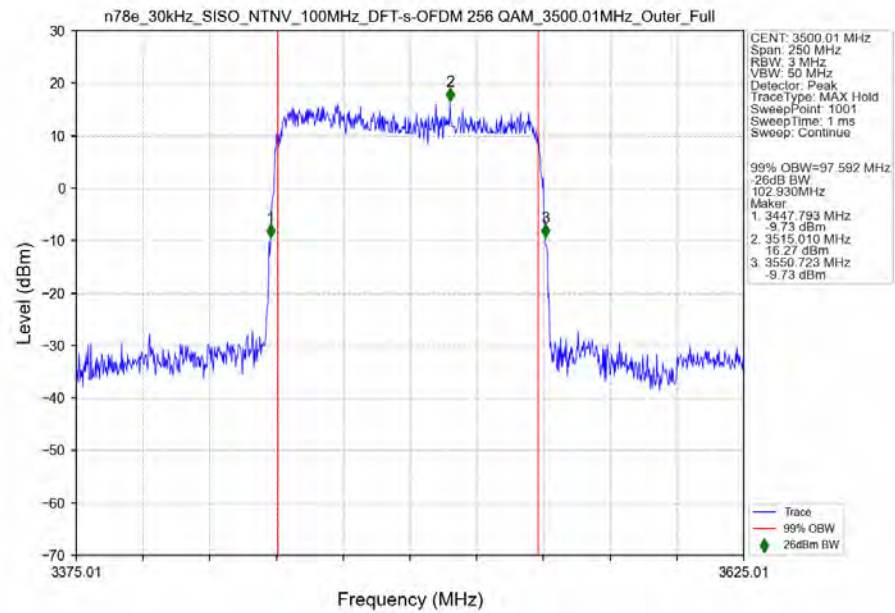
n78e 30kHz SISO NTN 100MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant1



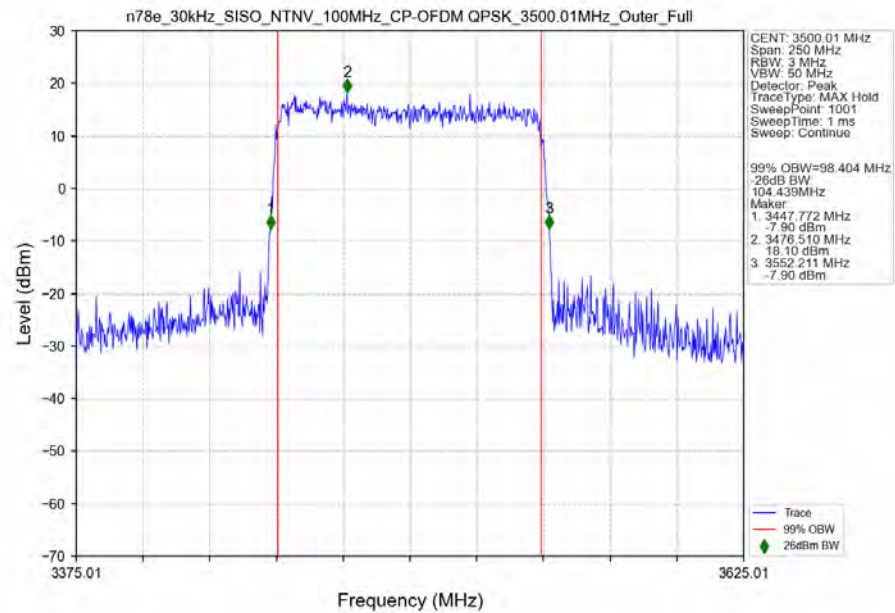
n78e 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant1



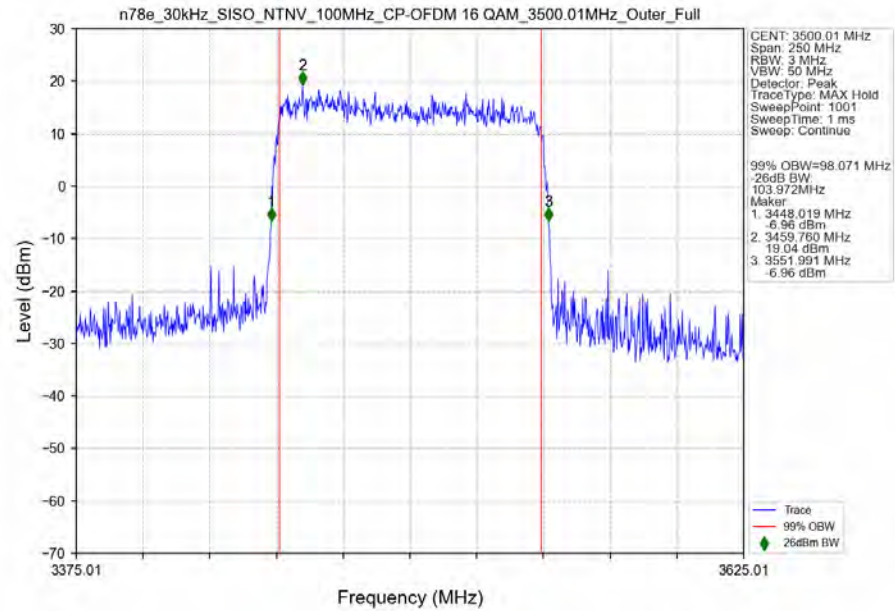
n78e 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant1



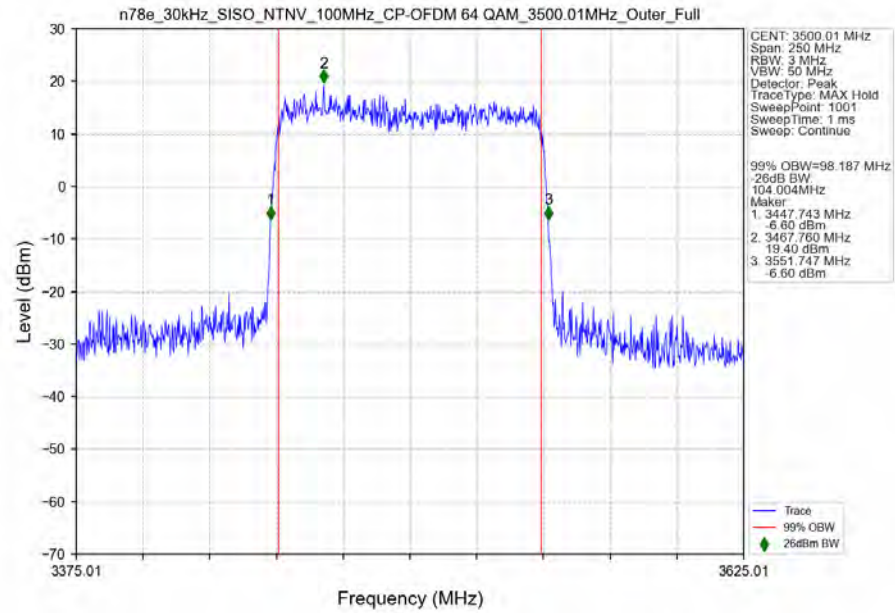
n78e 30kHz SISO NTN 100MHz CP-OFDM QPSK 3500.01MHz Outer Full Ant1



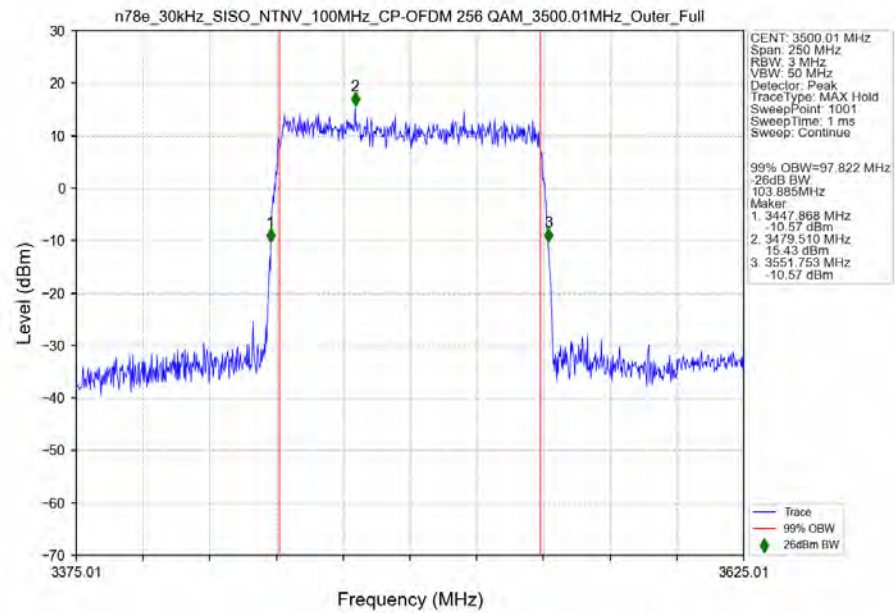
n78e 30kHz SISO NTN 100MHz CP-OFDM 16 QAM 3500.01MHz Outer Full Ant1



n78e 30kHz SISO NTN 100MHz CP-OFDM 64 QAM 3500.01MHz Outer Full Ant1



n78e 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1



4. Peak-Average Ratio

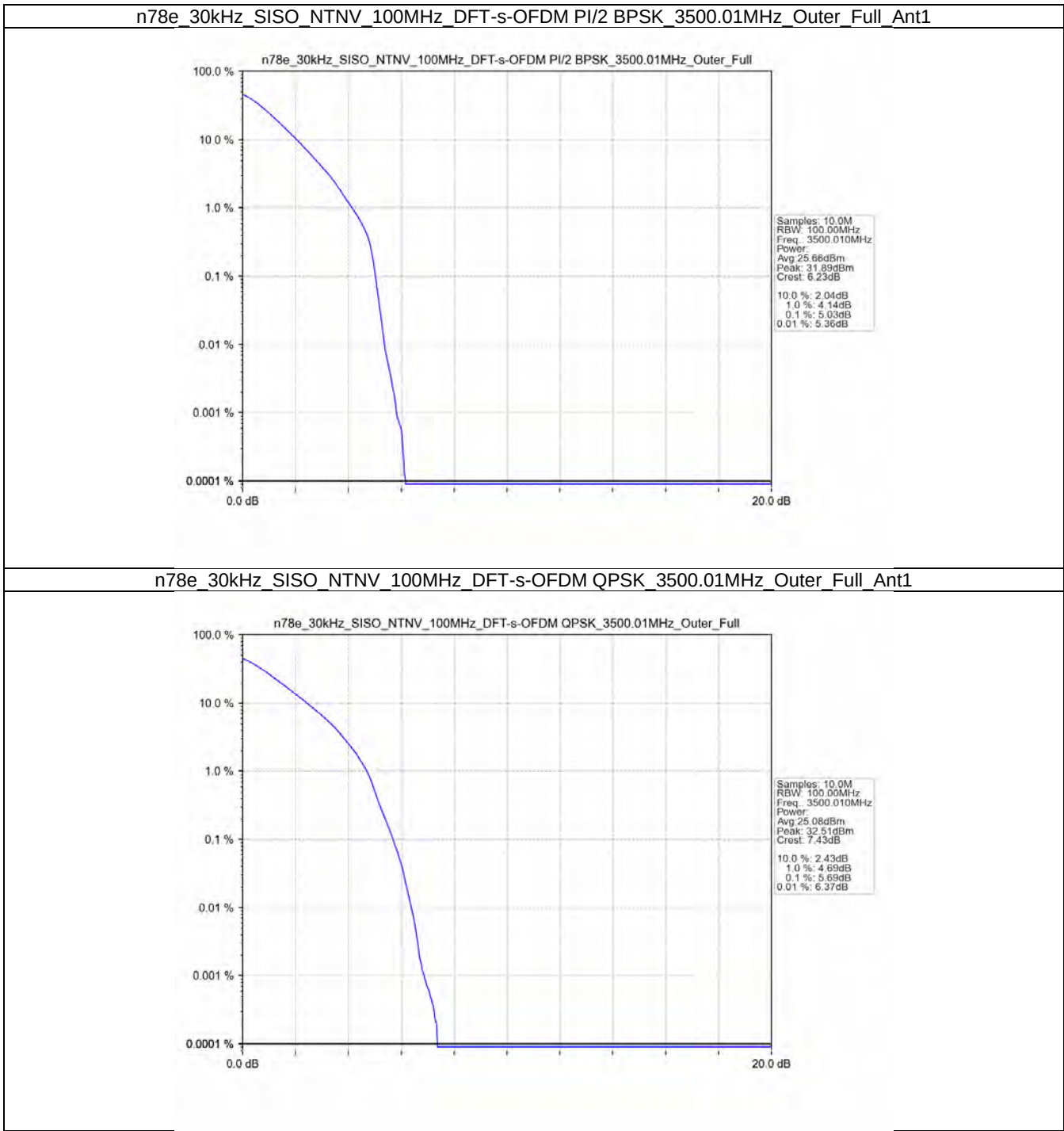
4.1 Test Result

4.1.1 30k_SISO_100MHz_NTNV

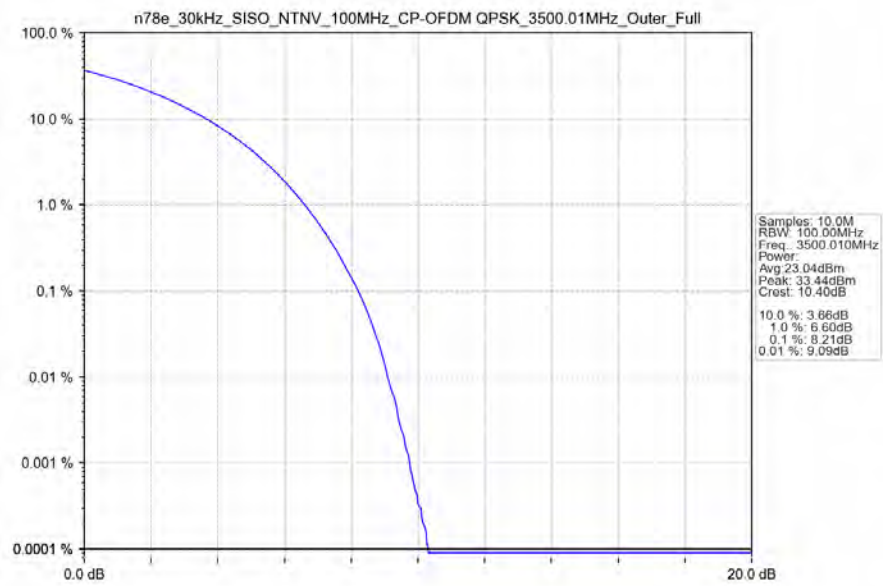
5G NR n78e SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	5.03	/	/	<=13	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	5.69	/	/	<=13	Pass
CP-OFDM QPSK	3500.01	Outer_Full	8.21	/	/	<=13	Pass

4.2 Test Graph

4.2.1 30k_SISO_100MHz_NTNV



n78e 30kHz SISO NTV 100MHz CP-OFDM QPSK 3500.01MHz Outer Full Ant1



5. Spurious Emission

5.1 Test Result

5.1.1 30k_SISO_10MHz_NTNV

5G NR n78e SCS=30kHz SISO 10MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3455.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3544.98	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3455.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3544.98	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3455.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3544.98	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.2 30k_SISO_50MHz_NTNV

5G NR n78e SCS=30kHz SISO 50MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3475.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3525	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3475.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3525	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3475.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3525	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

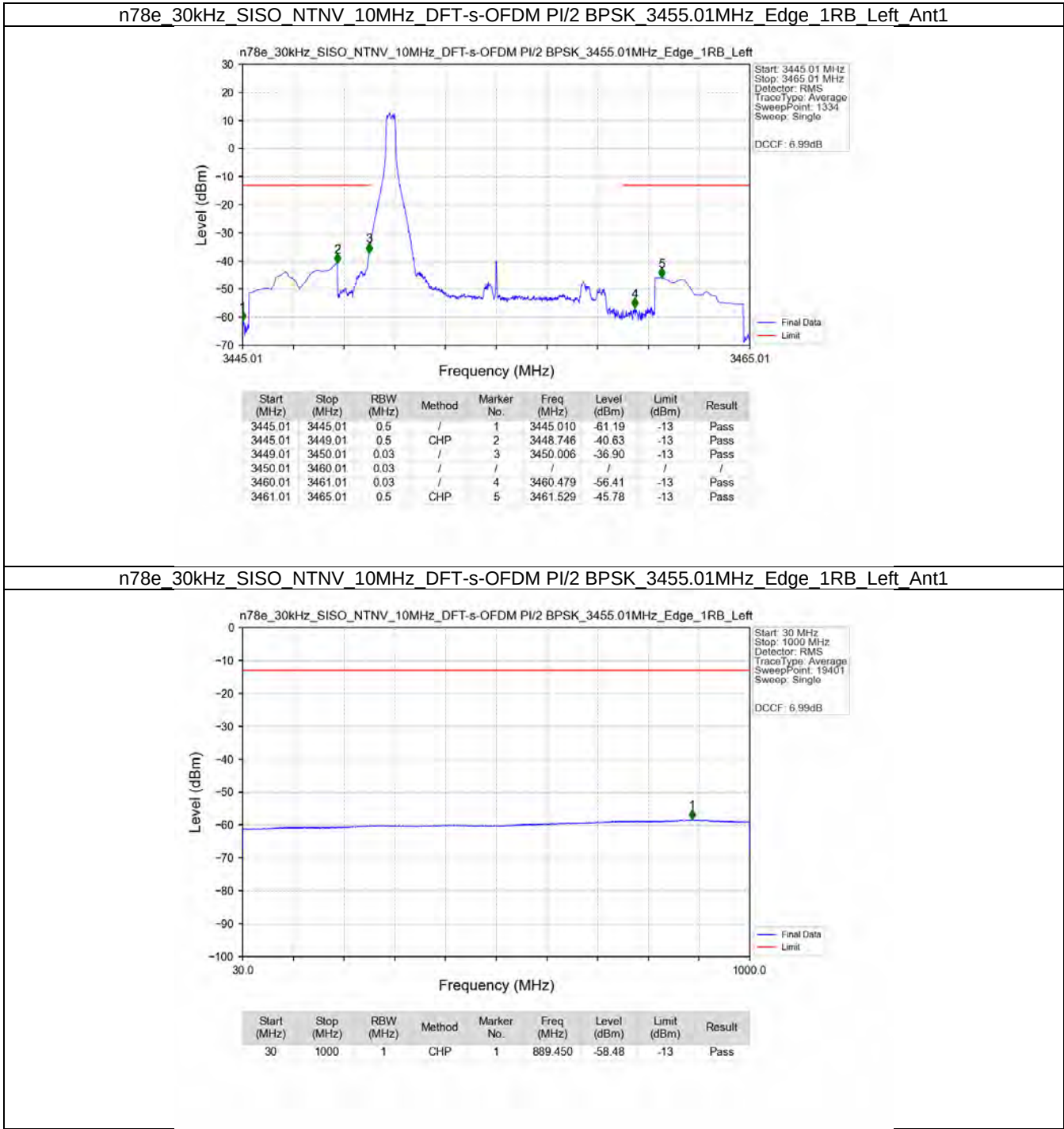
5.1.3 30k_SISO_100MHz_NTNV

5G NR n78e SCS=30kHz SISO 100MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge 1RB Left	Refer To Test Graph				Pass

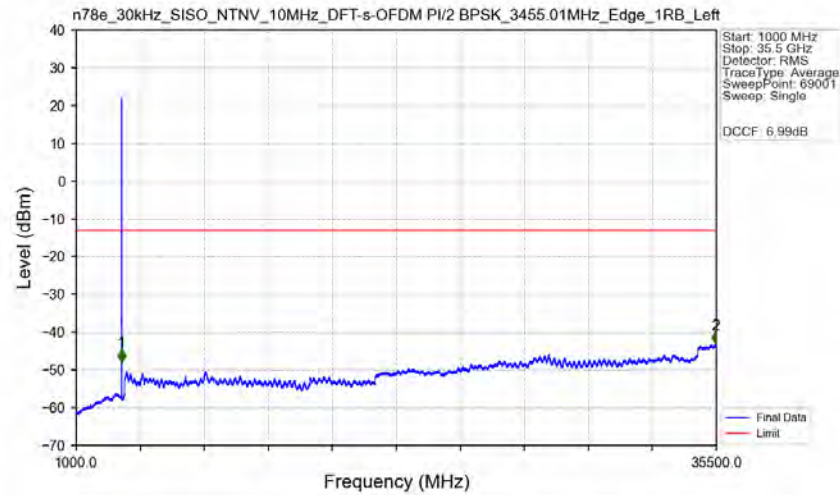
		Outer Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	3500.01	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer Full	Refer To Test Graph	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer Full	Refer To Test Graph	Pass

5.2 Test Graph

5.2.1 30k_SISO_10MHz_NTNV

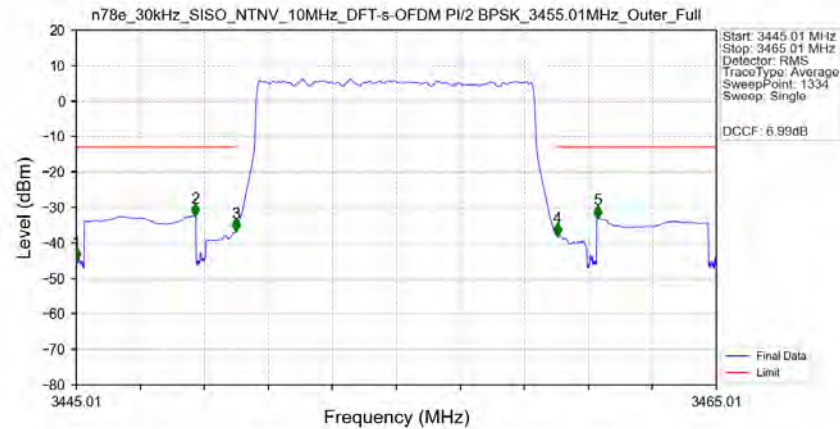


n78e 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3455.01MHz Edge 1RB Left Ant1



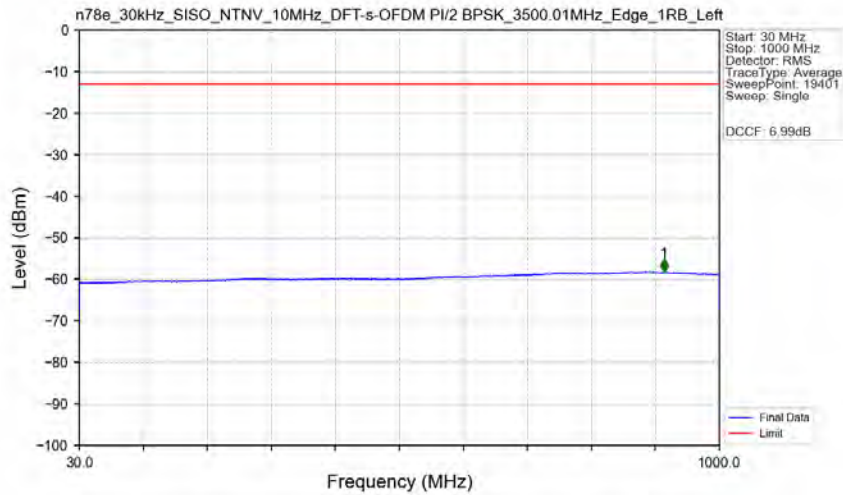
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3445.000	-47.80	-13	Pass
3445.01	3465.01	1	/	/	/	/	/	/
3465.01	35500	1	/	2	35465.500	-43.00	-13	Pass

n78e 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3455.01MHz Outer Full Ant1

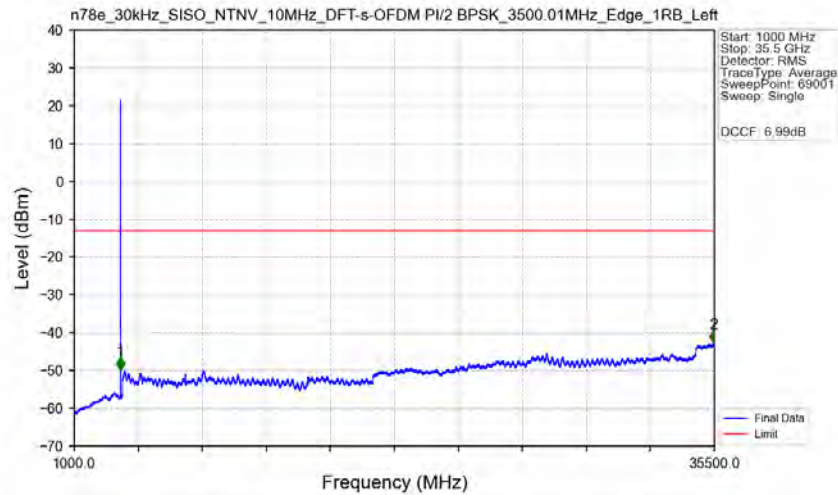


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-44.64	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.731	-32.30	-13	Pass
3449.01	3450.01	0.09525	CHP	3	3450.006	-36.48	-13	Pass
3450.01	3460.01	0.09525	CHP	/	/	/	/	/
3460.01	3461.01	0.09525	CHP	4	3460.044	-37.88	-13	Pass
3461.01	3465.01	0.5	CHP	5	3461.304	-32.80	-13	Pass

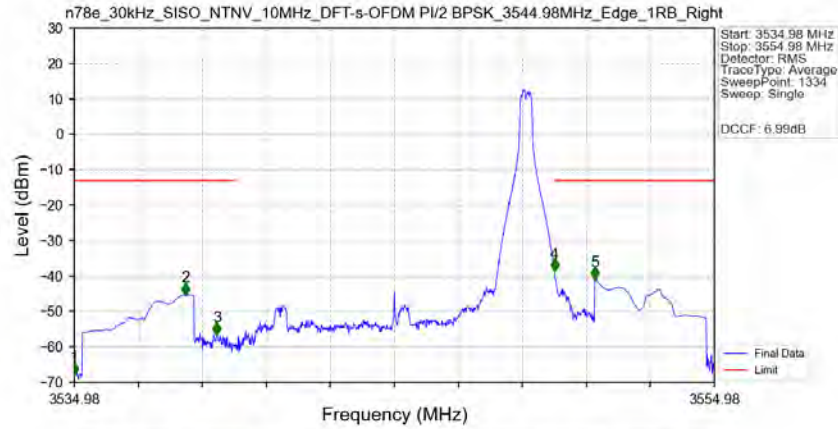
n78e_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Edge_1RB_Left_Ant1



n78e_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Edge_1RB_Left_Ant1

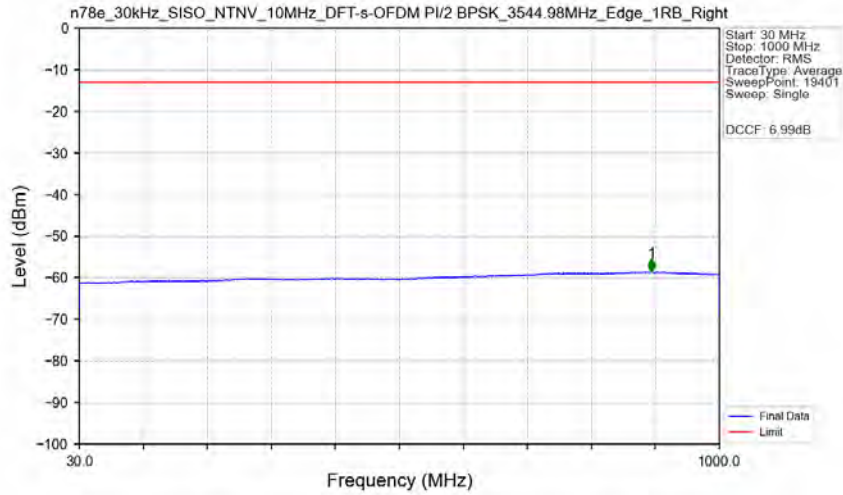


n78e 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3544.98MHz Edge 1RB Right Ant1



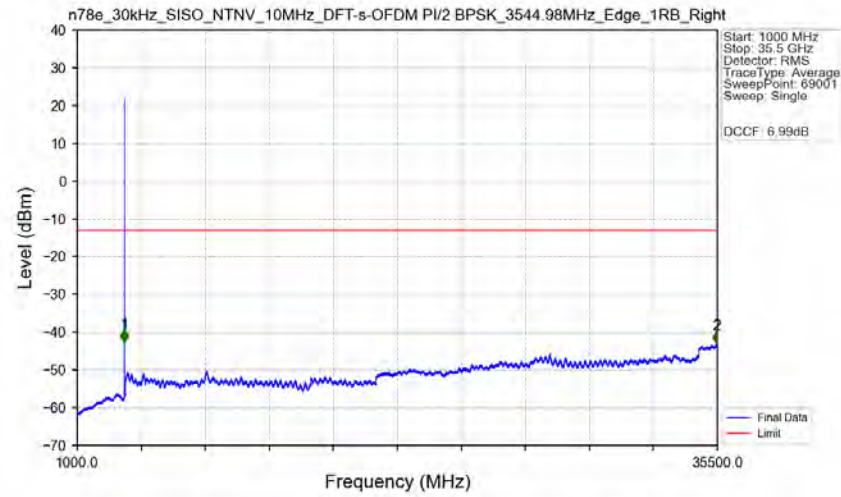
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-67.63	-13	Pass
3534.98	3538.98	0.5	CHP	2	3538.461	-45.25	-13	Pass
3538.98	3539.98	0.03	/	3	3539.436	-56.45	-13	Pass
3539.98	3549.98	0.03	/	/	/	/	/	/
3549.98	3550.98	0.03	/	4	3549.984	-38.45	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.244	-40.77	-13	Pass

n78e 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3544.98MHz Edge 1RB Right Ant1



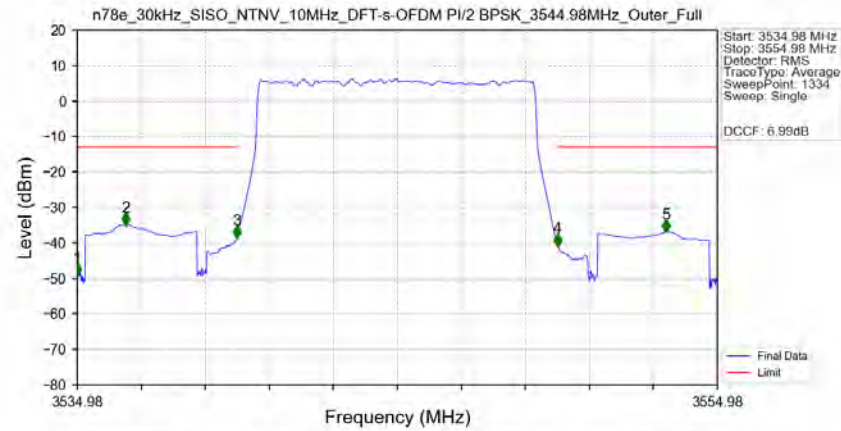
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	896.950	-58.60	-13	Pass

n78e 30kHz SISO NTV 10MHz DFT-s-OFDM PI/2 BPSK 3544.98MHz Edge 1RB Right Ant1



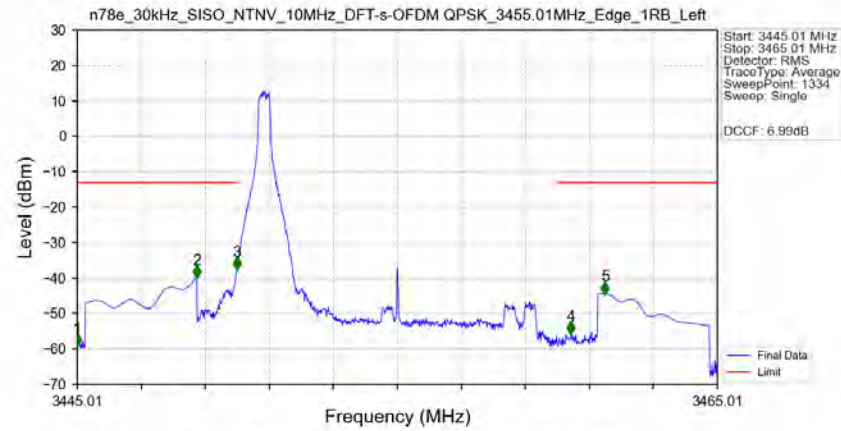
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3534.98	1	/	1	3534.000	-42.61	-13	Pass
3534.98	3554.98	1	/	/	/	/	/	/
3554.98	35500	1	/	2	35463.500	-43.08	-13	Pass

n78e 30kHz SISO NTV 10MHz DFT-s-OFDM PI/2 BPSK 3544.98MHz Outer_Full Ant1



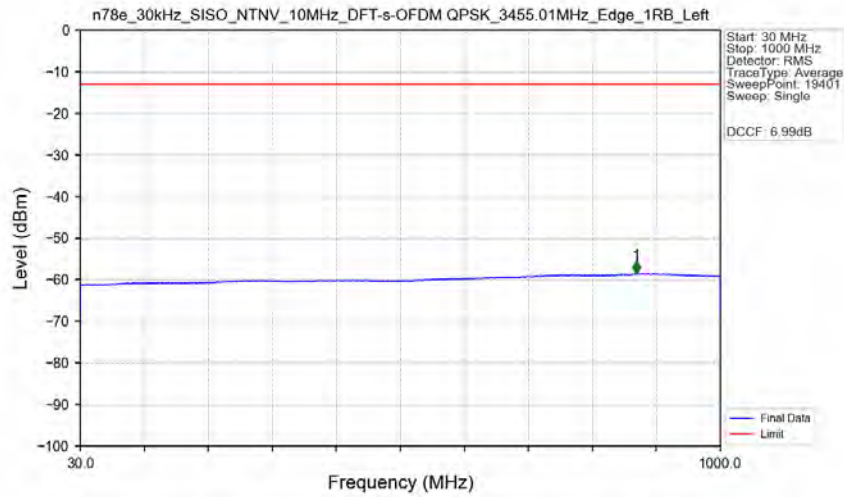
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-48.86	-13	Pass
3534.98	3538.98	0.5	CHP	2	3536.495	-34.82	-13	Pass
3538.98	3539.98	0.09582	CHP	3	3539.976	-38.48	-13	Pass
3539.98	3549.98	0.09582	CHP	/	/	/	/	/
3549.98	3550.98	0.09582	CHP	4	3549.984	-40.70	-13	Pass
3550.98	3554.98	0.5	CHP	5	3553.375	-36.78	-13	Pass

n78e 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3455.01MHz Edge 1RB Left Ant1



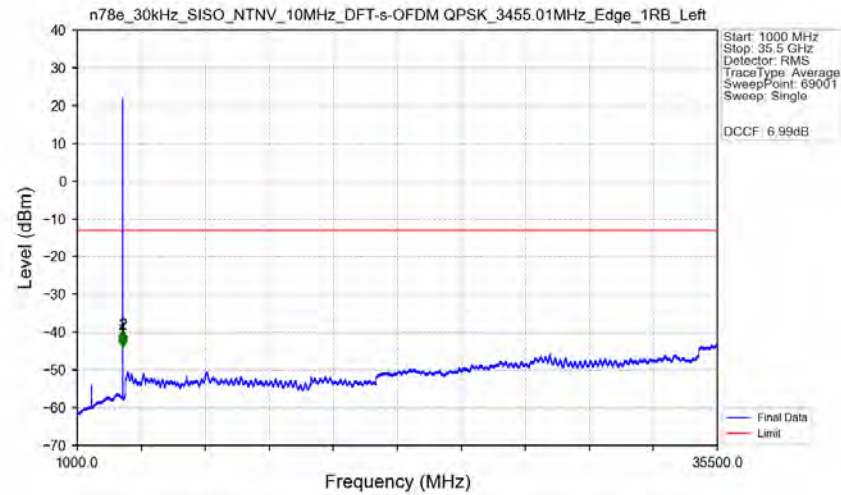
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-59.01	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.746	-39.78	-13	Pass
3449.01	3450.01	0.03	/	3	3450.006	-37.49	-13	Pass
3450.01	3460.01	0.03	/	/	/	/	/	/
3460.01	3461.01	0.03	/	4	3460.434	-55.62	-13	Pass
3461.01	3465.01	0.5	CHP	5	3461.499	-44.34	-13	Pass

n78e 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3455.01MHz Edge 1RB Left Ant1



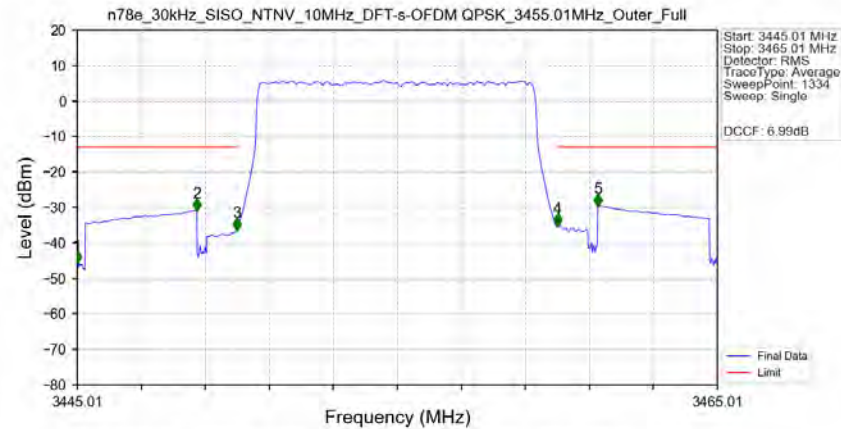
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	872.400	-58.53	-13	Pass

n78e 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3455.01MHz Edge 1RB Left Ant1



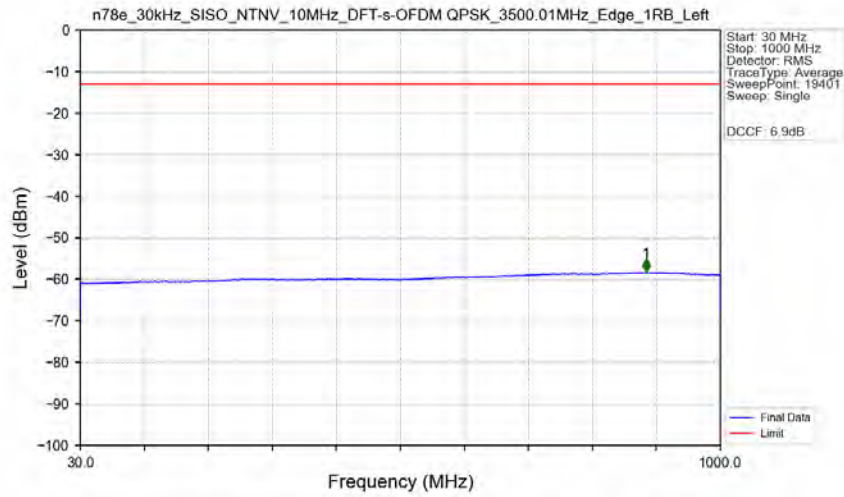
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3445.000	-43.97	-13	Pass
3445.01	3465.01	1	/	/	/	/	/	/
3465.01	35500	1	/	2	3465.500	-42.97	-13	Pass

n78e 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3455.01MHz Outer_Full Ant1

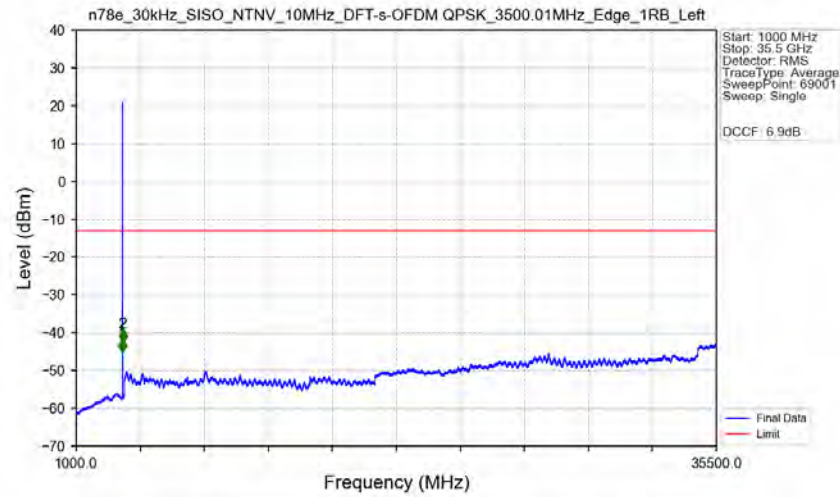


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-45.45	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.746	-30.69	-13	Pass
3449.01	3450.01	0.09549	CHP	3	3450.006	-36.31	-13	Pass
3450.01	3460.01	0.09549	CHP	/	/	/	/	/
3460.01	3461.01	0.09549	CHP	4	3460.014	-34.99	-13	Pass
3461.01	3465.01	0.5	CHP	5	3461.274	-29.45	-13	Pass

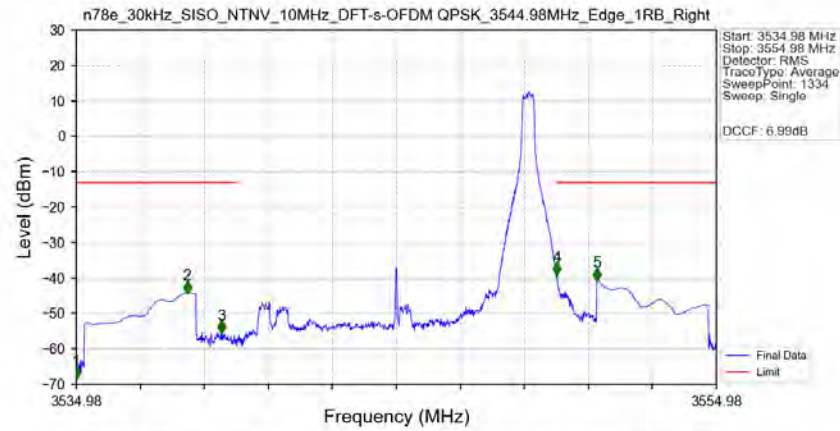
n78e 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1



n78e 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1

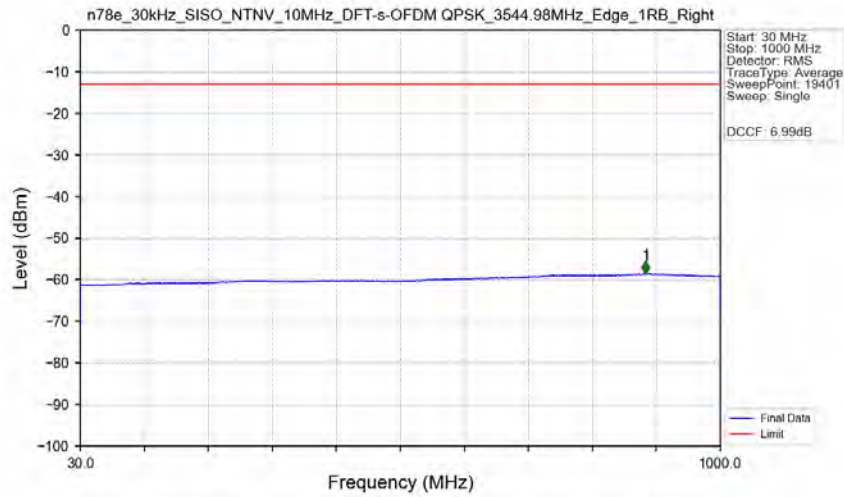


n78e 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3544.98MHz Edge 1RB Right Ant1



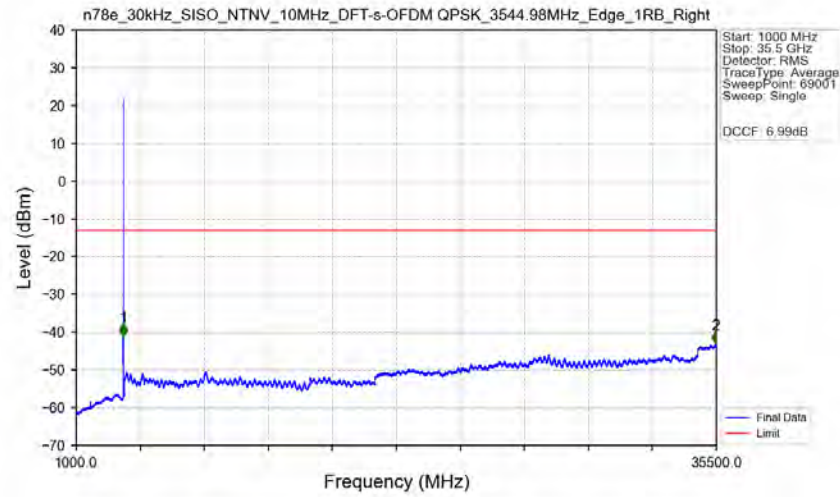
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-68.30	-13	Pass
3534.98	3538.98	0.5	CHP	2	3538.446	-44.16	-13	Pass
3538.98	3539.98	0.03	/	3	3539.526	-55.43	-13	Pass
3539.98	3549.98	0.03	/	/	/	/	/	/
3549.98	3550.98	0.03	/	4	3549.999	-38.85	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.244	-40.50	-13	Pass

n78e 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3544.98MHz Edge 1RB Right Ant1



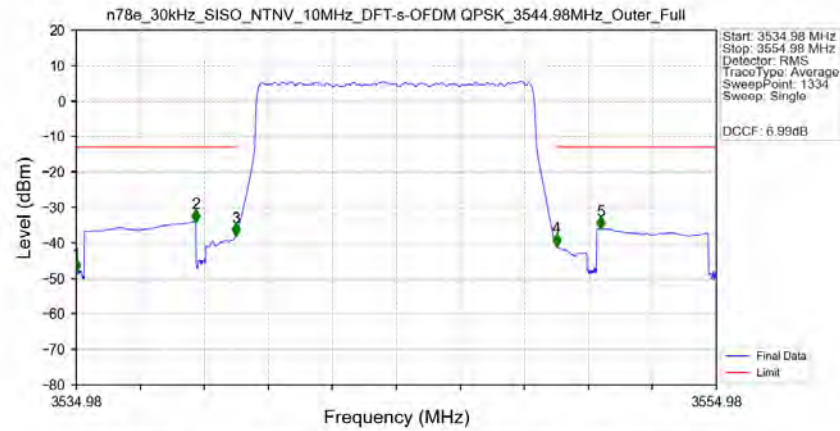
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	886.800	-58.57	-13	Pass

n78e 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3544.98MHz Edge 1RB Right Ant1



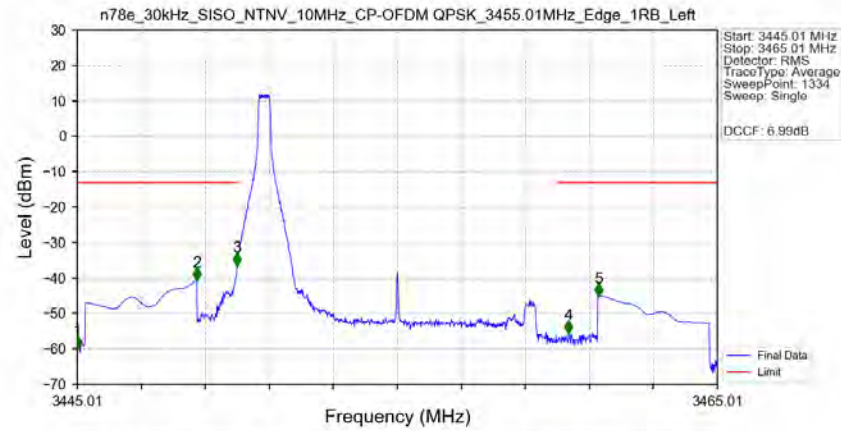
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3534.98	1	/	1	3534.500	-41.11	-13	Pass
3534.98	3554.98	1	/	/	/	/	/	/
3554.98	35500	1	/	2	35468.000	-43.09	-13	Pass

n78e 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3544.98MHz Outer_Full Ant1



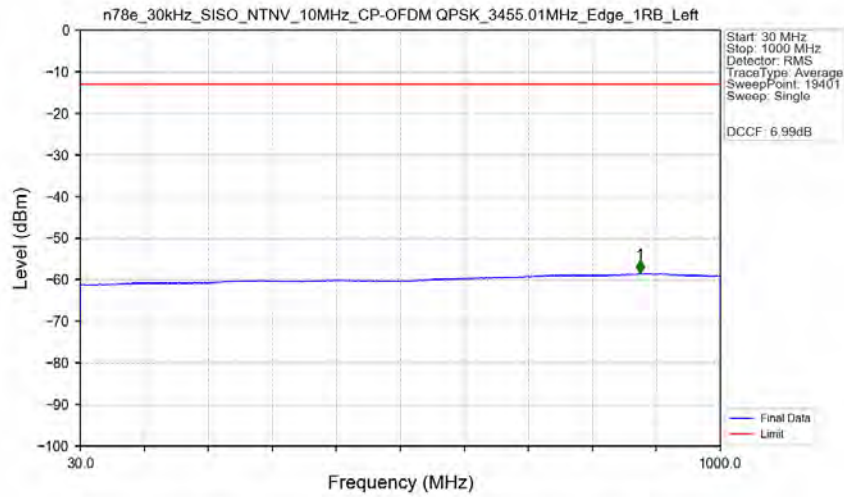
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-47.80	-13	Pass
3534.98	3538.98	0.5	CHP	2	3538.716	-33.87	-13	Pass
3538.98	3539.98	0.09508	CHP	3	3539.976	-37.80	-13	Pass
3539.98	3549.98	0.09508	CHP	/	/	/	/	/
3549.98	3550.98	0.09508	CHP	4	3549.984	-40.69	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.364	-35.96	-13	Pass

n78e 30kHz SISO NTV 10MHz CP-OFDM QPSK 3455.01MHz Edge 1RB Left Ant1



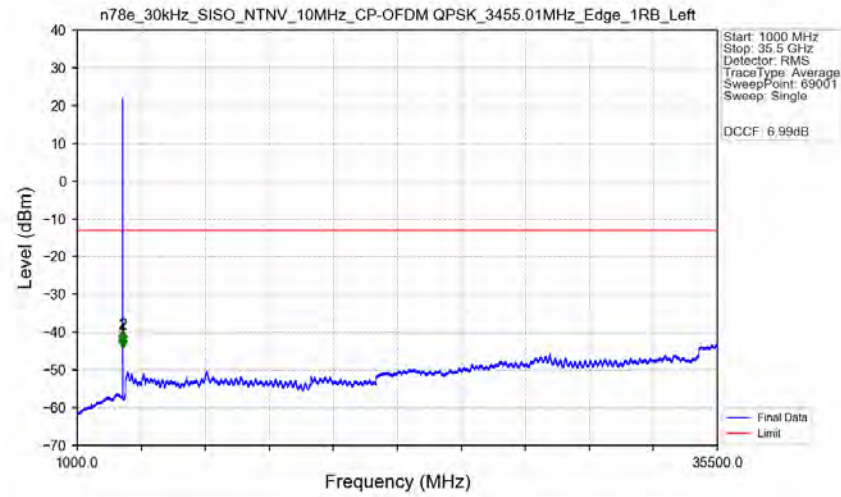
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-59.66	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.746	-40.43	-13	Pass
3449.01	3450.01	0.03	/	3	3450.006	-36.28	-13	Pass
3450.01	3460.01	0.03	/	/	/	/	/	/
3460.01	3461.01	0.03	/	4	3460.359	-55.27	-13	Pass
3461.01	3465.01	0.5	CHP	5	3461.289	-44.90	-13	Pass

n78e 30kHz SISO NTV 10MHz CP-OFDM QPSK 3455.01MHz Edge 1RB Left Ant1



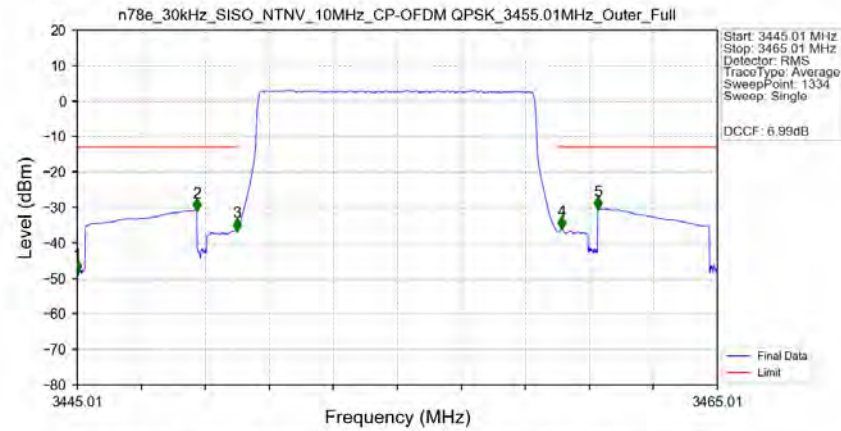
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	878.000	-58.49	-13	Pass

n78e 30kHz SISO NTN 10MHz CP-OFDM QPSK 3455.01MHz Edge 1RB Left Ant1



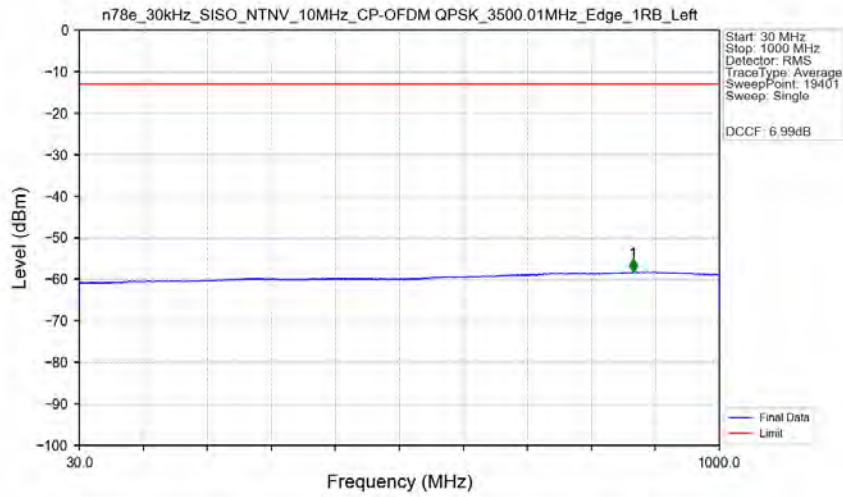
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3445.000	-44.05	-13	Pass
3445.01	3465.01	1	/	/	/	/	/	/
3465.01	35500	1	/	2	3465.500	-42.85	-13	Pass

n78e 30kHz SISO NTN 10MHz CP-OFDM QPSK 3455.01MHz Outer Full Ant1

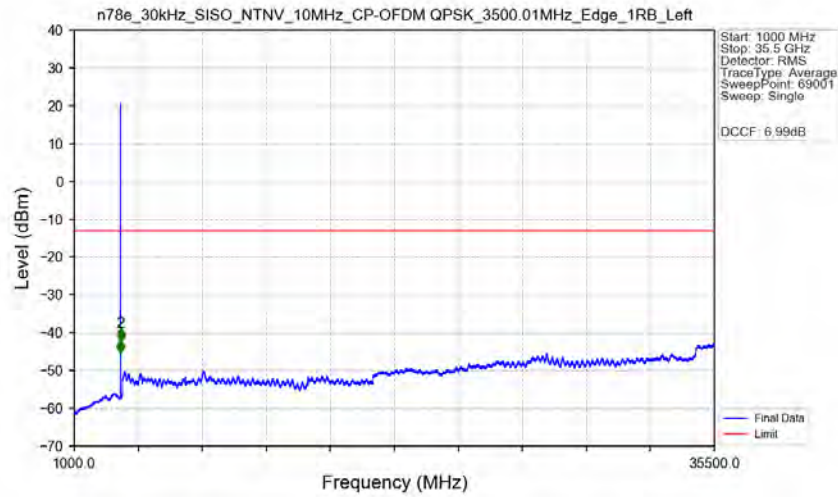


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-48.09	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.746	-30.78	-13	Pass
3449.01	3450.01	0.09533	CHP	3	3450.006	-36.40	-13	Pass
3450.01	3460.01	0.09533	CHP	/	/	/	/	/
3460.01	3461.01	0.09533	CHP	4	3460.149	-35.94	-13	Pass
3461.01	3465.01	0.5	CHP	5	3461.274	-30.31	-13	Pass

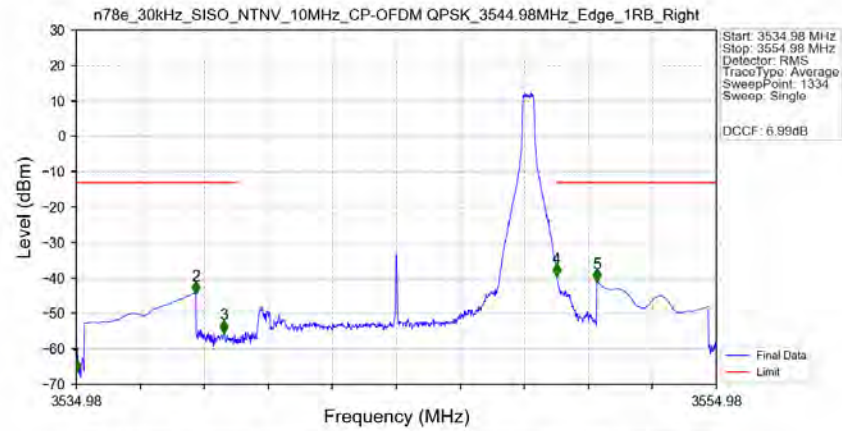
n78e 30kHz SISO NTN 10MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1



n78e 30kHz SISO NTN 10MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1

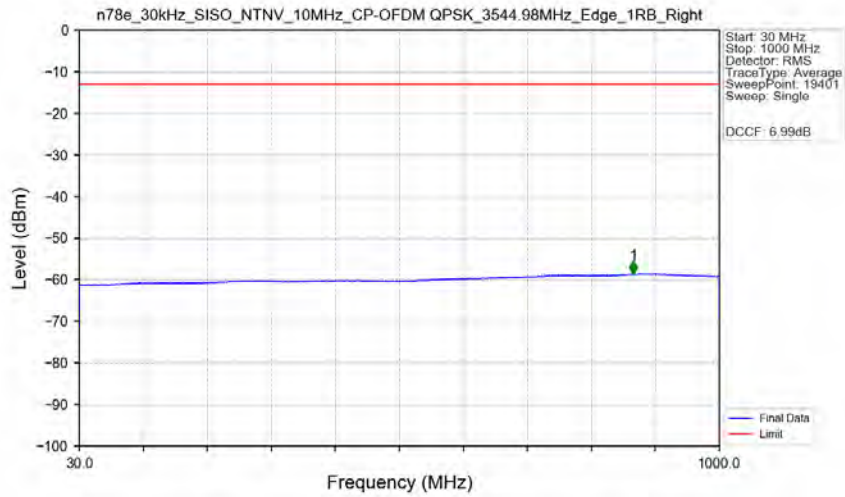


n78e 30kHz SISO NTN 10MHz CP-OFDM QPSK 3544.98MHz Edge 1RB Right Ant1



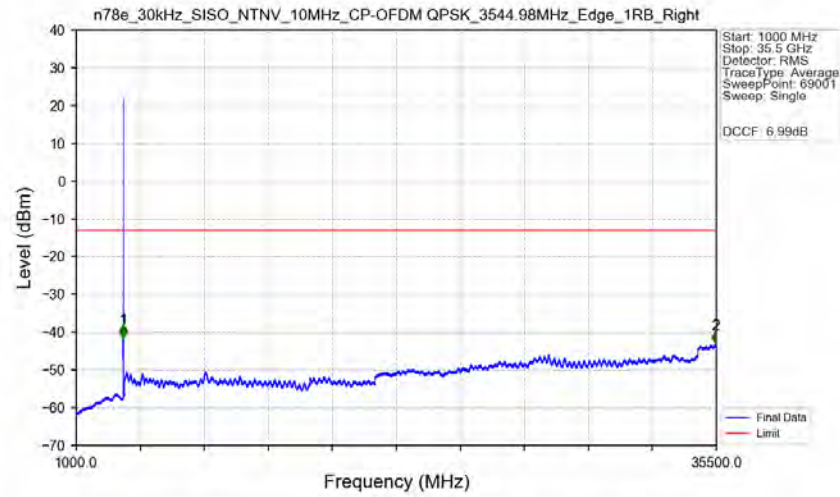
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-66.18	-13	Pass
3534.98	3538.98	0.5	CHP	2	3538.716	-44.33	-13	Pass
3538.98	3539.98	0.03	/	3	3539.601	-55.26	-13	Pass
3539.98	3549.98	0.03	/	/	/	/	/	/
3549.98	3550.98	0.03	/	4	3549.984	-39.38	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.244	-40.84	-13	Pass

n78e 30kHz SISO NTN 10MHz CP-OFDM QPSK 3544.98MHz Edge 1RB Right Ant1



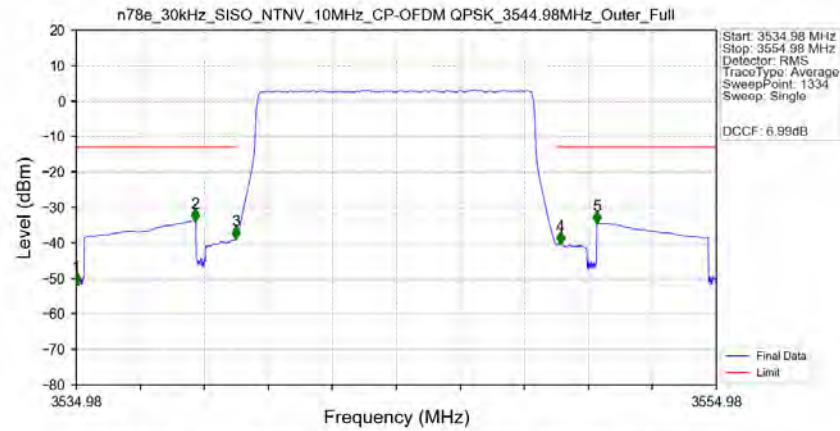
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	869.850	-58.52	-13	Pass

n78e 30kHz SISO NTN 10MHz CP-OFDM QPSK 3544.98MHz Edge 1RB Right Ant1



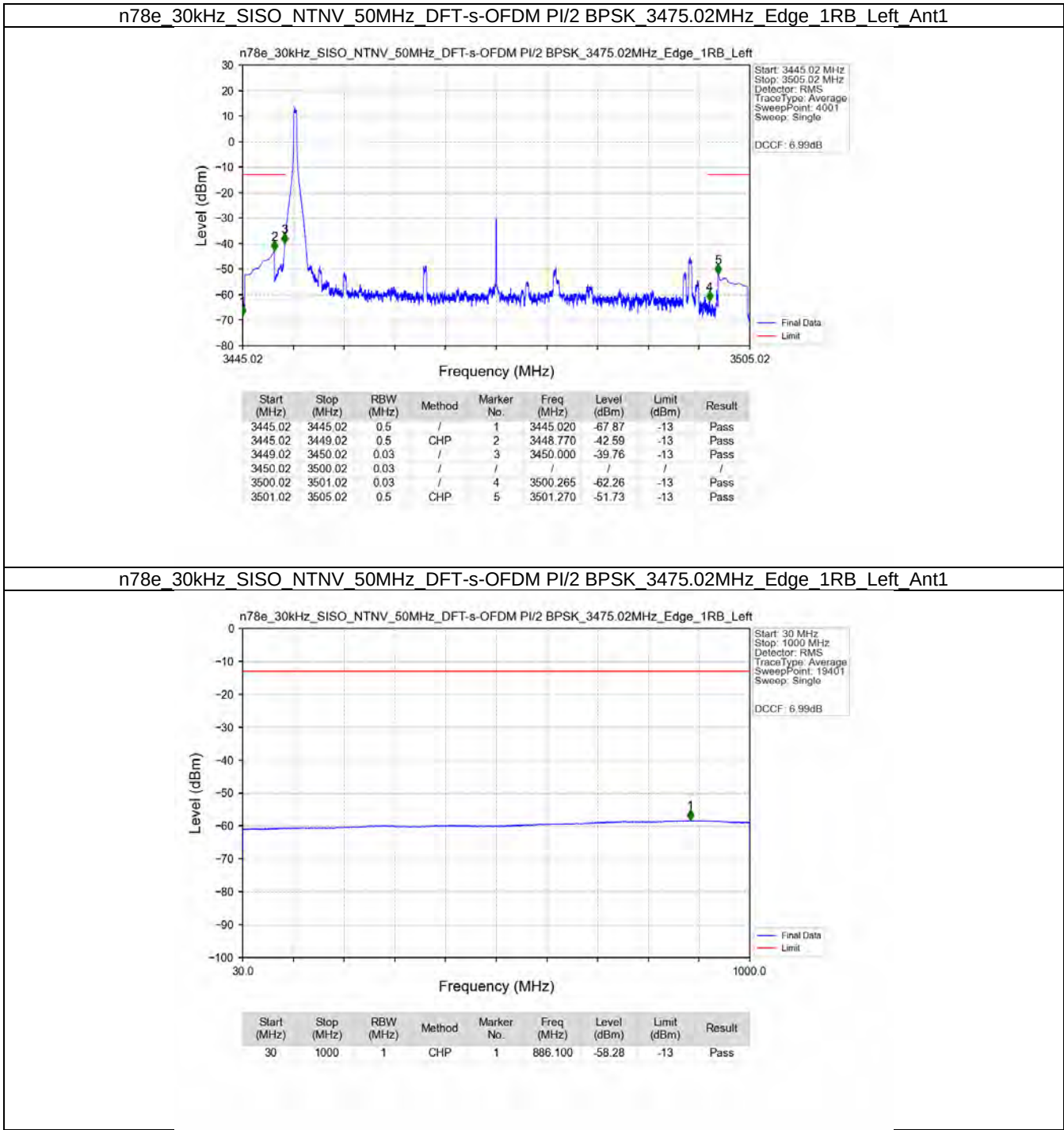
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3534.98	1	/	1	3534.500	-41.57	-13	Pass
3534.98	3554.98	1	/	/	/	/	/	/
3554.98	35500	1	/	2	35453.000	-43.11	-13	Pass

n78e 30kHz SISO NTN 10MHz CP-OFDM QPSK 3544.98MHz Outer Full Ant1

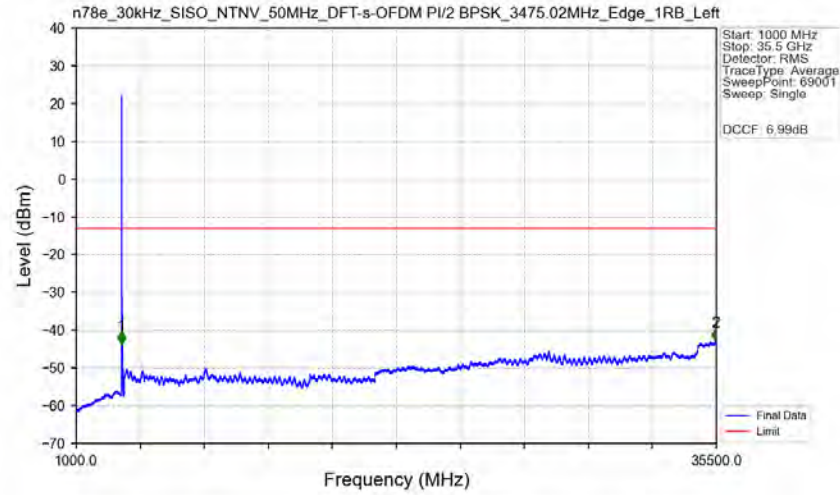


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-51.47	-13	Pass
3534.98	3538.98	0.5	CHP	2	3538.686	-33.69	-13	Pass
3538.98	3539.98	0.09508	CHP	3	3539.976	-38.60	-13	Pass
3539.98	3549.98	0.09508	CHP	/	/	/	/	/
3549.98	3550.98	0.09508	CHP	4	3550.104	-40.23	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.244	-34.43	-13	Pass

5.2.2 30k_SISO_50MHz_NTNV

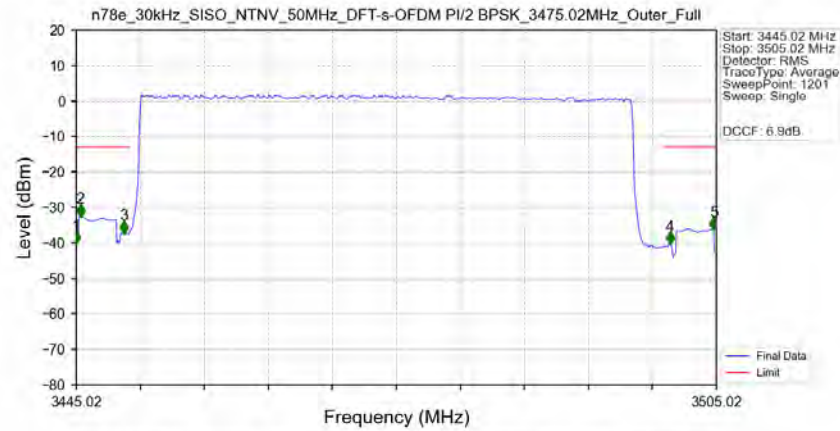


n78e 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3475.02MHz Edge 1RB Left Ant1



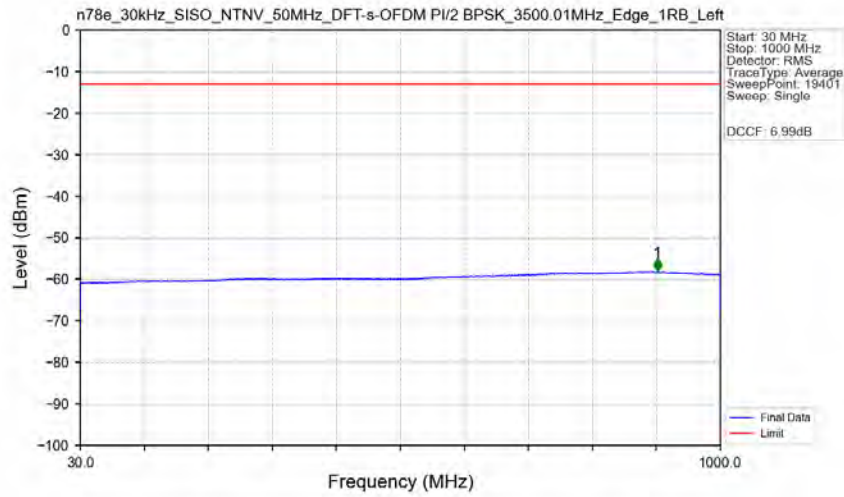
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.02	1	/	1	3427.500	-43.75	-13	Pass
3445.02	3505.02	1	/	/	/	/	/	/
3505.02	35500	1	/	2	35456.000	-42.96	-13	Pass

n78e 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3475.02MHz Outer Full Ant1

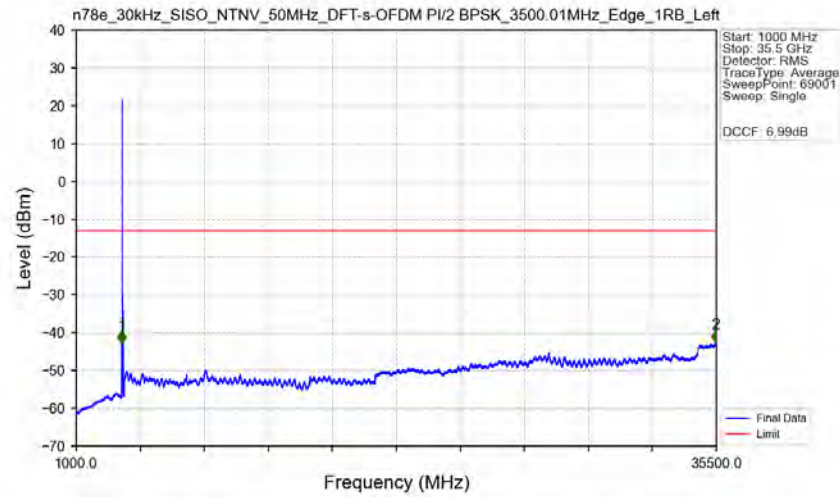


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.02	3445.02	0.5	/	1	3445.020	-39.91	-13	Pass
3445.02	3449.02	0.5	CHP	2	3445.420	-32.39	-13	Pass
3449.02	3450.02	0.2	CHP	3	3449.470	-37.06	-13	Pass
3450.02	3500.02	0.2	CHP	/	/	/	/	/
3500.02	3501.02	0.2	CHP	4	3500.670	-40.22	-13	Pass
3501.02	3505.02	0.5	CHP	5	3504.770	-36.04	-13	Pass

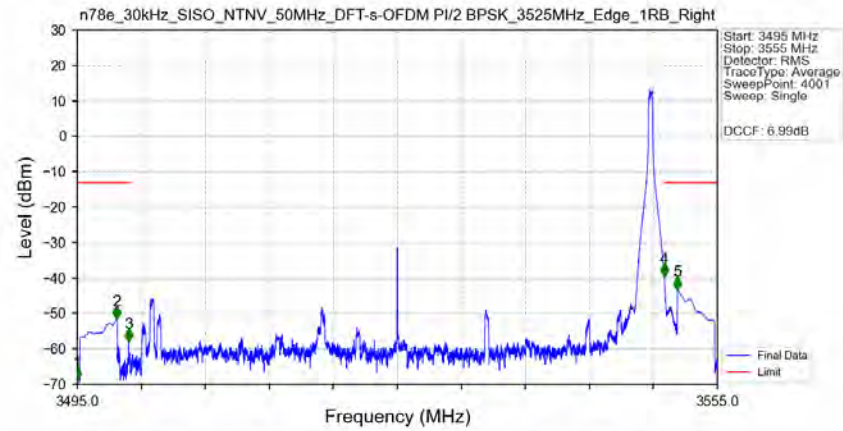
n78e_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Edge_1RB_Left_Ant1



n78e_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Edge_1RB_Left_Ant1

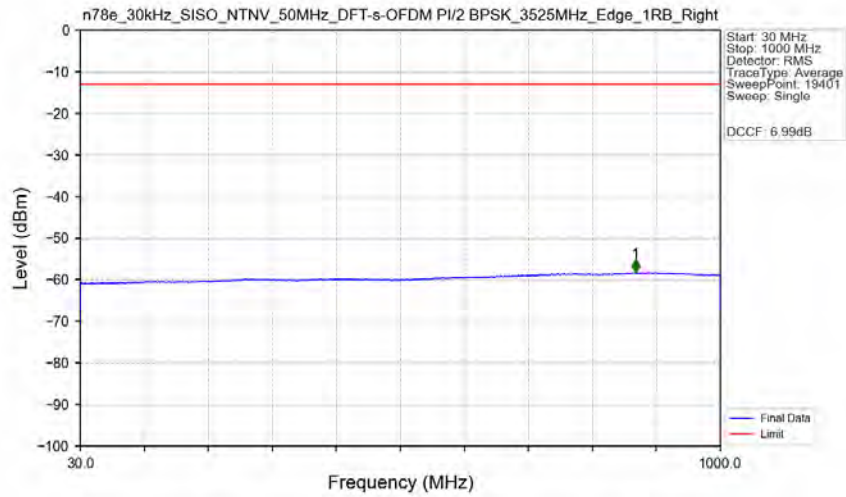


n78e 30kHz SISO NTV 50MHz DFT-s-OFDM PI/2 BPSK 3525MHz Edge 1RB Right Ant1



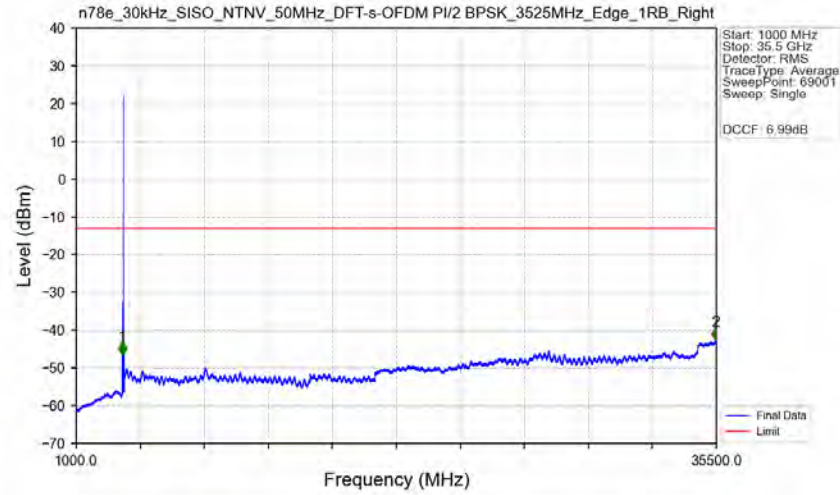
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3495	3495	0.5	/	1	3495.000	-68.66	-13	Pass
3495	3499	0.5	CHP	2	3498.720	-51.34	-13	Pass
3499	3500	0.03	/	3	3499.800	-57.76	-13	Pass
3500	3550	0.03	/	/	/	/	/	/
3550	3551	0.03	/	4	3550.005	-39.36	-13	Pass
3551	3555	0.5	CHP	5	3551.250	-43.10	-13	Pass

n78e 30kHz SISO NTV 50MHz DFT-s-OFDM PI/2 BPSK 3525MHz Edge 1RB Right Ant1



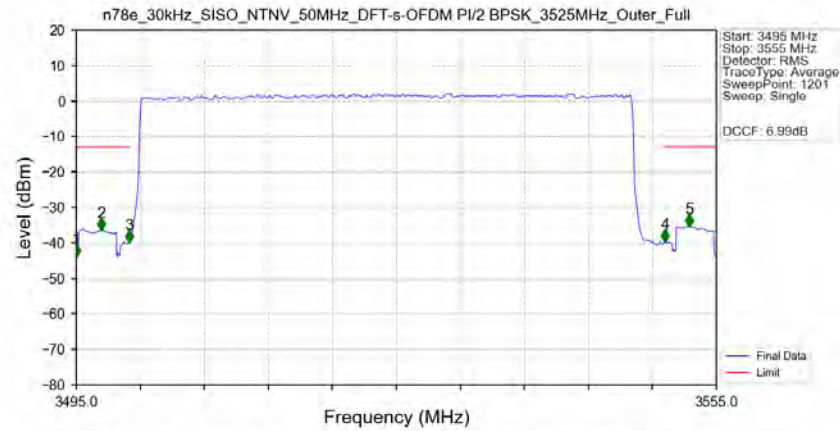
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	871.400	-58.25	-13	Pass

n78e 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3525MHz Edge 1RB Right Ant1



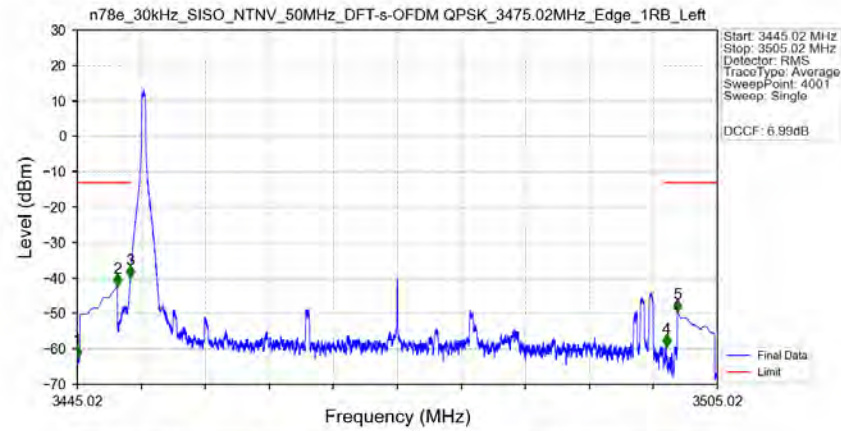
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3495	1	/	1	3490.000	-46.42	-13	Pass
3495	3555	1	/	/	/	/	/	/
3555	35500	1	/	2	35473.000	-42.76	-13	Pass

n78e 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3525MHz Outer_Full Ant1



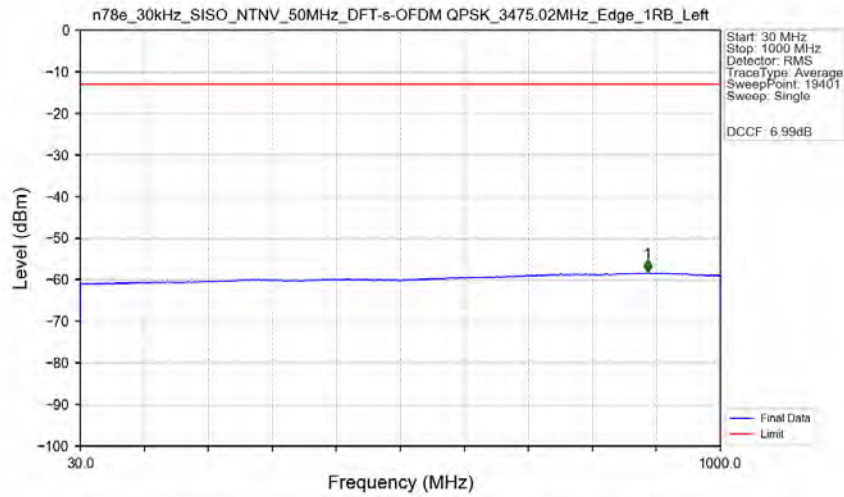
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3495	3495	0.5	/	1	3495.000	-43.70	-13	Pass
3495	3499	0.5	CHP	2	3497.350	-36.24	-13	Pass
3499	3500	0.2	CHP	3	3499.950	-39.72	-13	Pass
3500	3550	0.2	CHP	/	/	/	/	/
3550	3551	0.2	CHP	4	3550.200	-39.59	-13	Pass
3551	3555	0.5	CHP	5	3552.450	-35.30	-13	Pass

n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3475.02MHz Edge 1RB Left Ant1



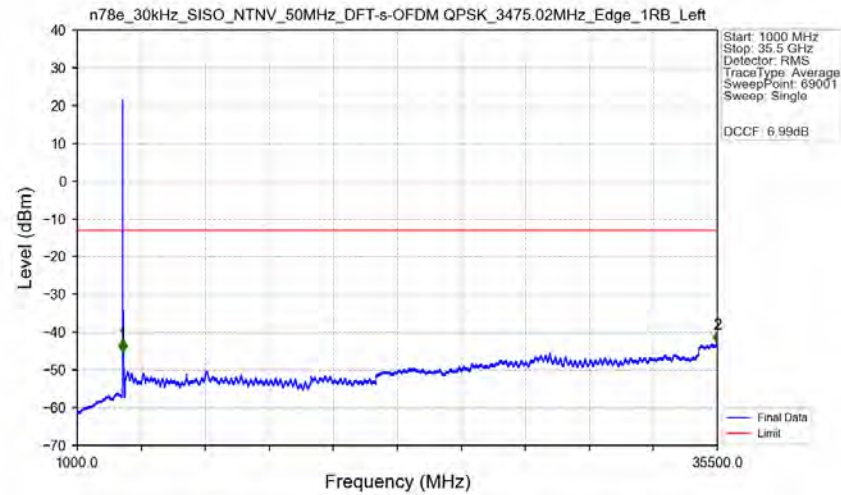
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.02	3445.02	0.5	/	1	3445.020	-62.33	-13	Pass
3445.02	3449.02	0.5	CHP	2	3448.770	-42.16	-13	Pass
3449.02	3450.02	0.03	/	3	3450.015	-39.76	-13	Pass
3450.02	3500.02	0.03	/	/	/	/	/	/
3500.02	3501.02	0.03	/	4	3500.235	-59.16	-13	Pass
3501.02	3505.02	0.5	CHP	5	3501.270	-49.46	-13	Pass

n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3475.02MHz Edge 1RB Left Ant1



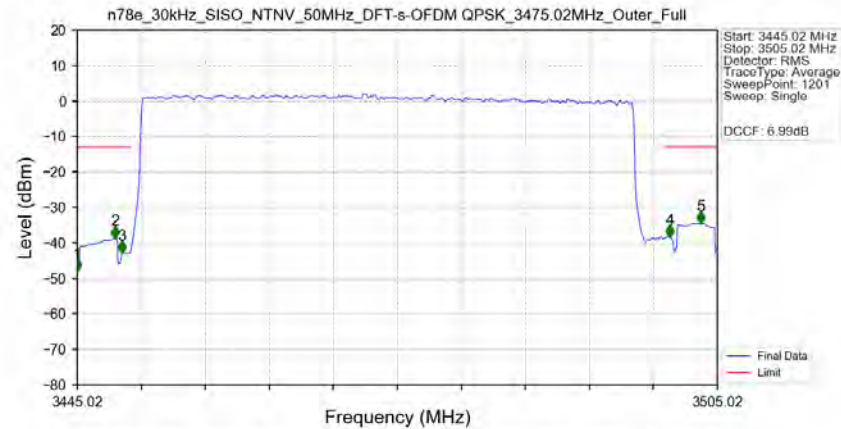
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	889.550	-58.31	-13	Pass

n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3475.02MHz Edge 1RB Left Ant1



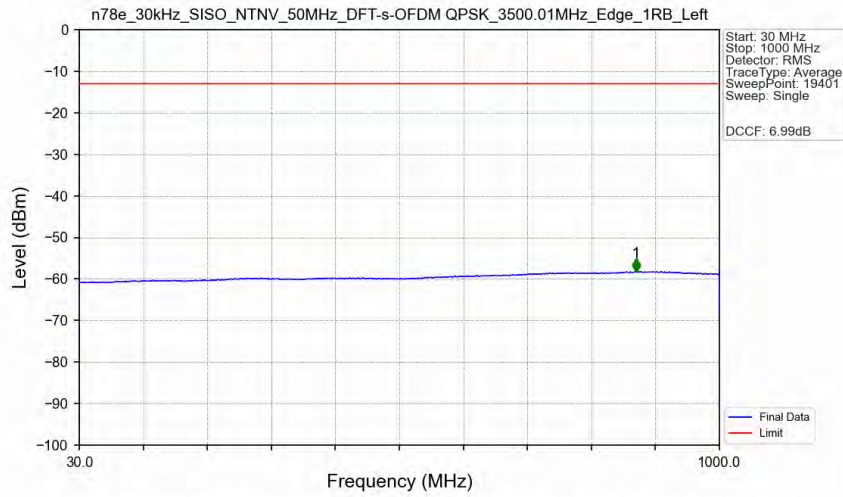
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.02	1	/	1	3427.500	-45.27	-13	Pass
3445.02	3505.02	1	/	/	/	/	/	/
3505.02	35500	1	/	2	35496.500	-42.99	-13	Pass

n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3475.02MHz Outer_Full Ant1

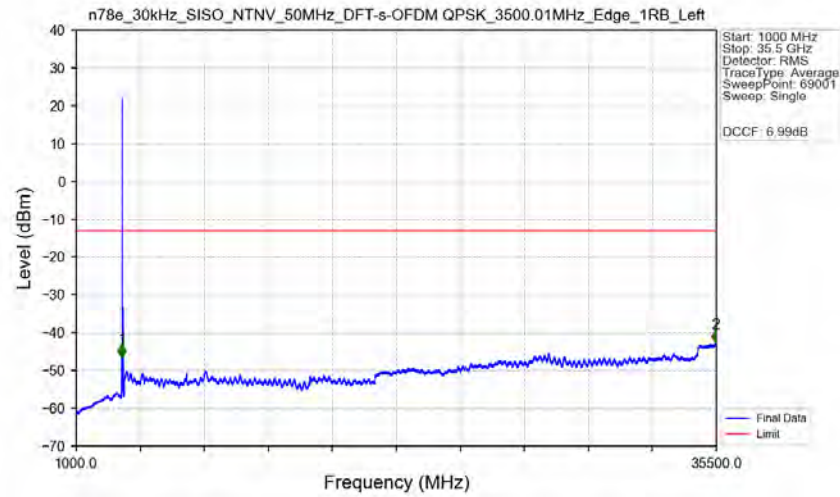


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.02	3445.02	0.5	/	1	3445.020	-47.90	-13	Pass
3445.02	3449.02	0.5	CHP	2	3448.570	-38.57	-13	Pass
3449.02	3450.02	0.2	CHP	3	3449.220	-42.66	-13	Pass
3450.02	3500.02	0.2	CHP	/	/	/	/	/
3500.02	3501.02	0.2	CHP	4	3500.570	-38.27	-13	Pass
3501.02	3505.02	0.5	CHP	5	3503.470	-34.40	-13	Pass

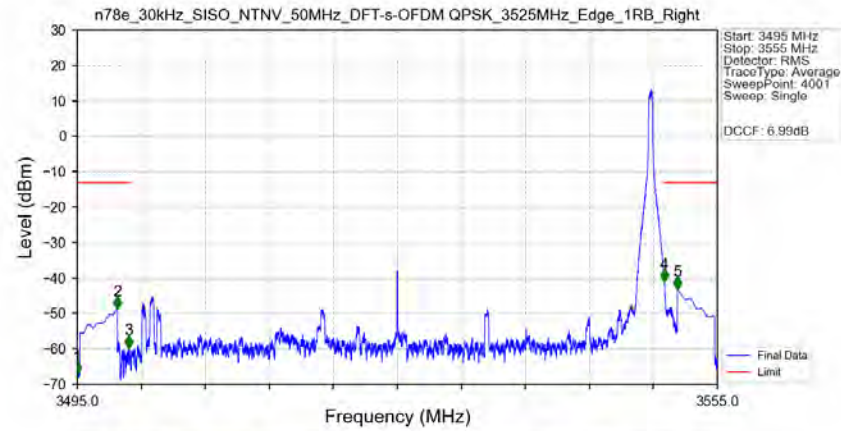
n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1



n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1

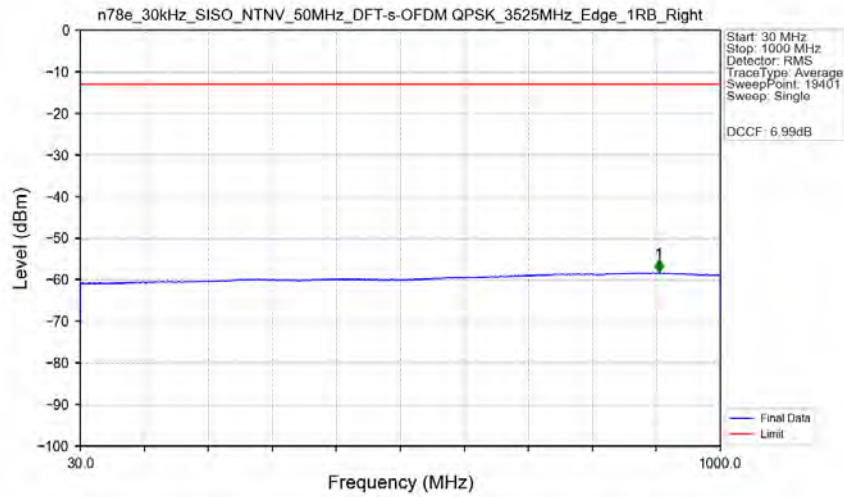


n78e_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3525MHz_Edge_1RB_Right_Ant1



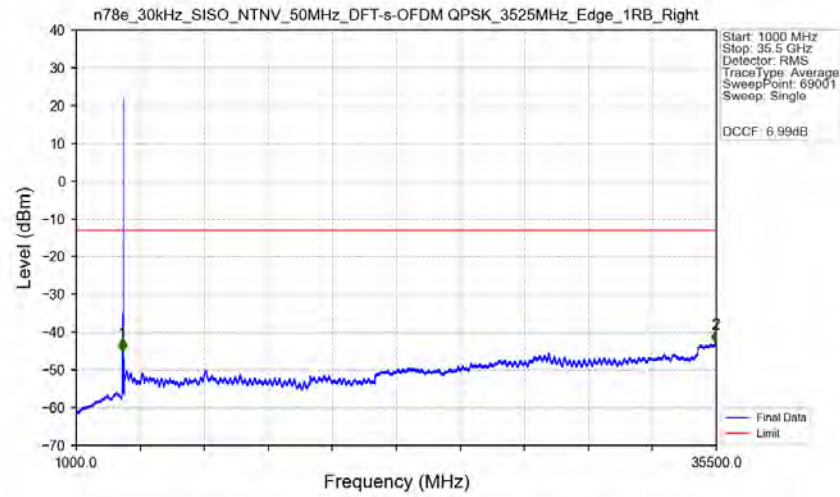
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3495	3495	0.5	/	1	3495.000	-66.91	-13	Pass
3495	3499	0.5	CHP	2	3498.750	-48.54	-13	Pass
3499	3500	0.03	/	3	3499.800	-59.55	-13	Pass
3500	3550	0.03	/	/	/	/	/	/
3550	3551	0.03	/	4	3550.005	-40.87	-13	Pass
3551	3555	0.5	CHP	5	3551.250	-43.02	-13	Pass

n78e_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3525MHz_Edge_1RB_Right_Ant1



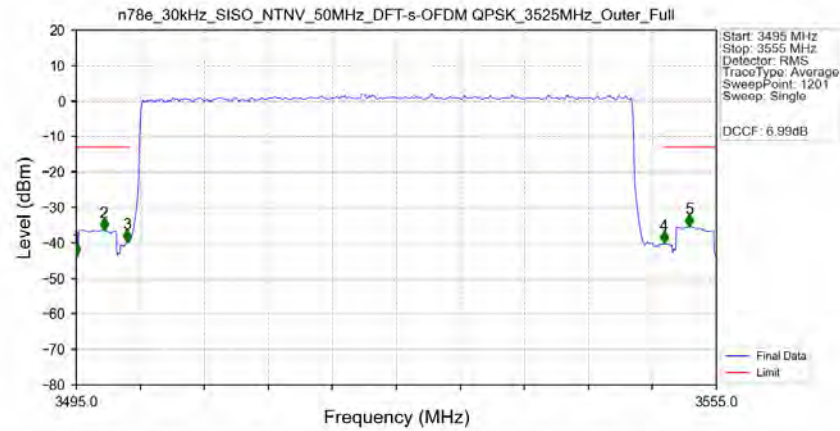
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	906.700	-58.29	-13	Pass

n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3525MHz Edge 1RB Right Ant1



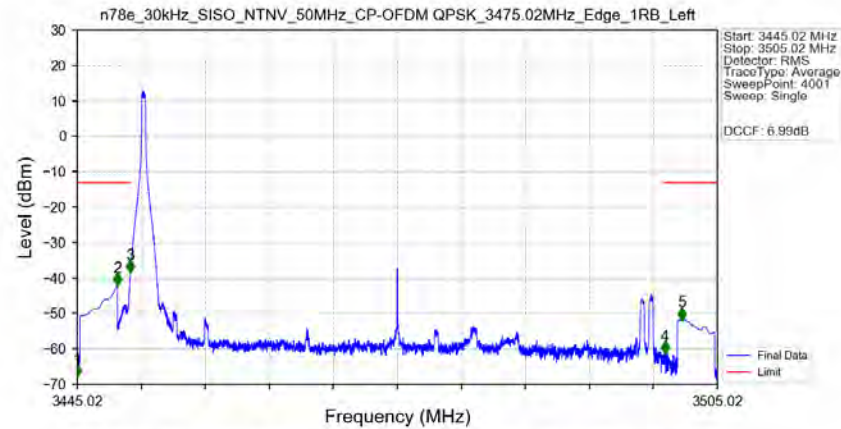
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3495	1	/	1	3488.000	-45.05	-13	Pass
3495	3555	1	/	/	/	/	/	/
3555	35500	1	/	2	35459.500	-42.83	-13	Pass

n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3525MHz Outer Full Ant1



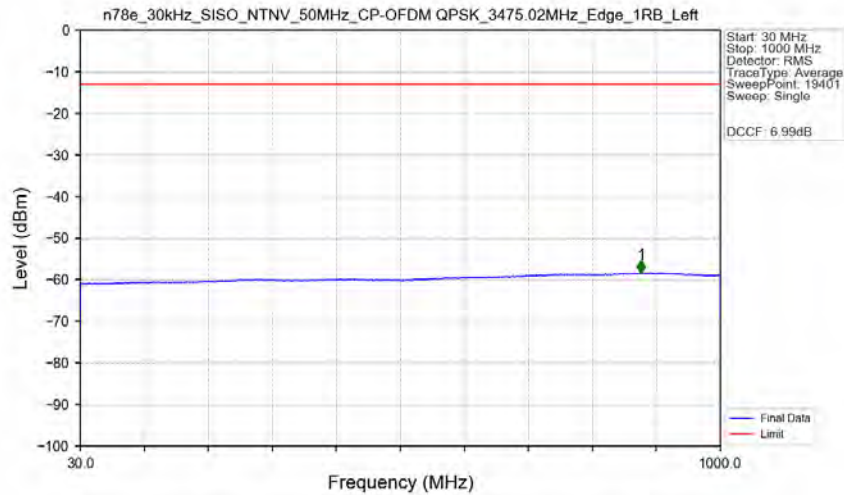
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3495	3495	0.5	/	1	3495.000	-43.30	-13	Pass
3495	3499	0.5	CHP	2	3497.600	-36.31	-13	Pass
3499	3500	0.2	CHP	3	3499.750	-39.56	-13	Pass
3500	3550	0.2	CHP	/	/	/	/	/
3550	3551	0.2	CHP	4	3550.100	-39.95	-13	Pass
3551	3555	0.5	CHP	5	3552.450	-35.31	-13	Pass

n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3475.02MHz Edge 1RB Left Ant1



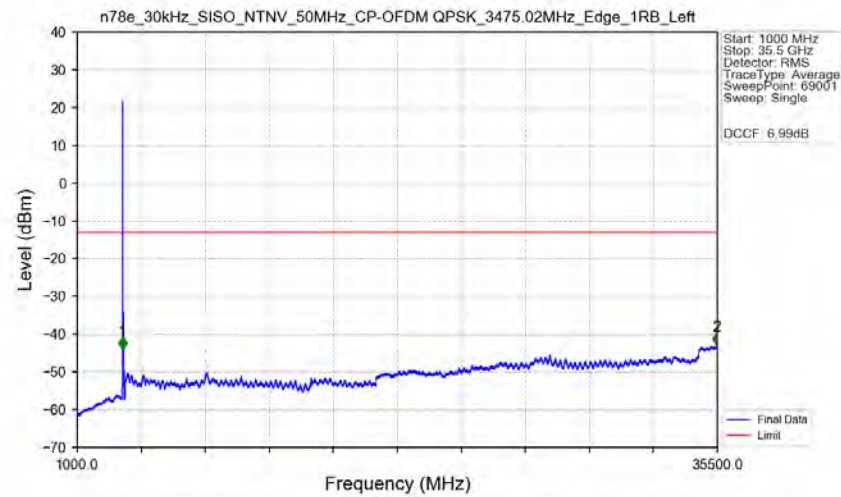
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.02	3445.02	0.5	/	1	3445.020	-67.74	-13	Pass
3445.02	3449.02	0.5	CHP	2	3448.770	-41.88	-13	Pass
3449.02	3450.02	0.03	/	3	3450.000	-38.26	-13	Pass
3450.02	3500.02	0.03	/	/	/	/	/	/
3500.02	3501.02	0.03	/	4	3500.100	-61.12	-13	Pass
3501.02	3505.02	0.5	CHP	5	3501.675	-51.66	-13	Pass

n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3475.02MHz Edge 1RB Left Ant1



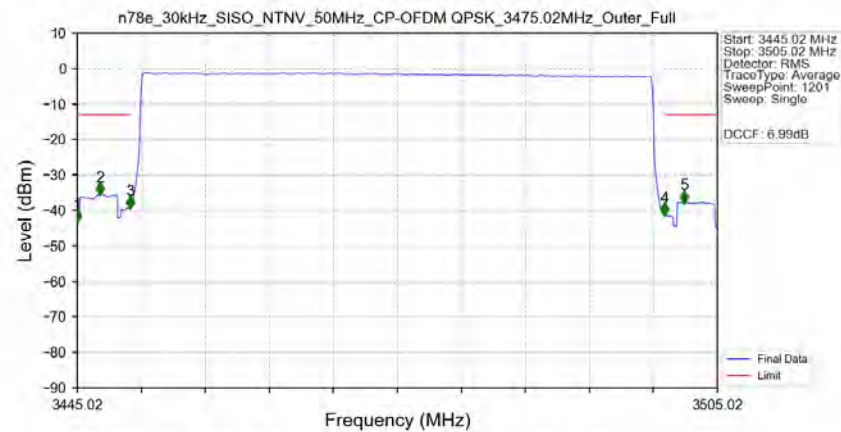
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	880.050	-58.33	-13	Pass

n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3475.02MHz Edge 1RB Left Ant1



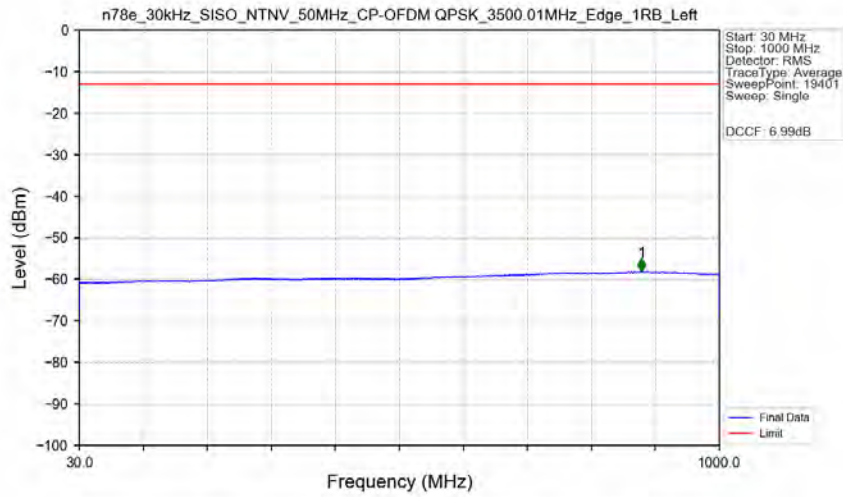
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.02	1	/	1	3427.500	-44.07	-13	Pass
3445.02	3505.02	1	/	/	/	/	/	/
3505.02	35500	1	/	2	35470.500	-42.81	-13	Pass

n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3475.02MHz Outer Full Ant1

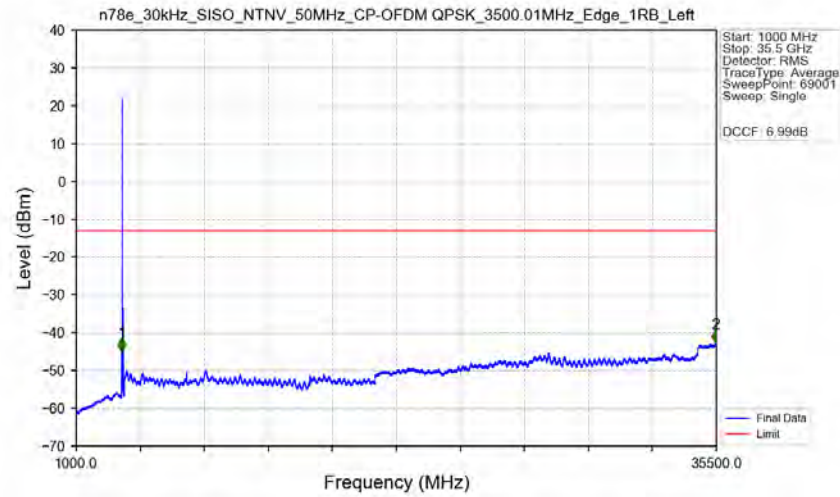


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.02	3445.02	0.5	/	1	3445.020	-43.08	-13	Pass
3445.02	3449.02	0.5	CHP	2	3447.170	-35.39	-13	Pass
3449.02	3450.02	0.2	CHP	3	3449.970	-39.29	-13	Pass
3450.02	3500.02	0.2	CHP	/	/	/	/	/
3500.02	3501.02	0.2	CHP	4	3500.070	-41.15	-13	Pass
3501.02	3505.02	0.5	CHP	5	3501.870	-37.63	-13	Pass

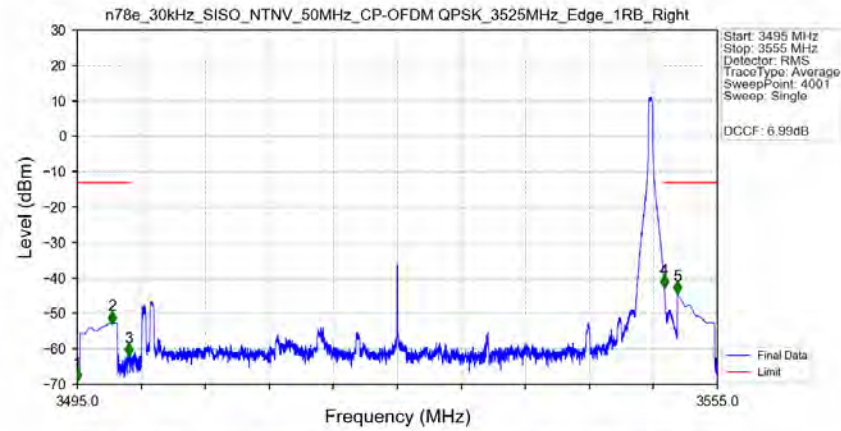
n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1



n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1

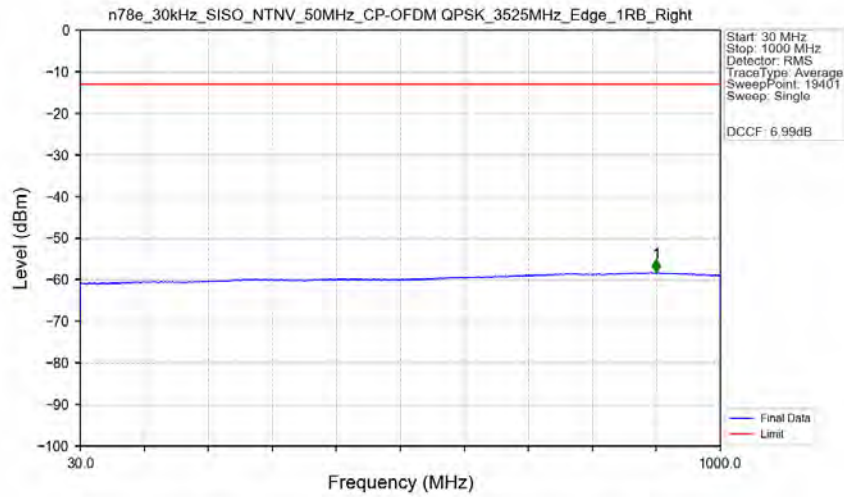


n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3525MHz Edge 1RB Right Ant1



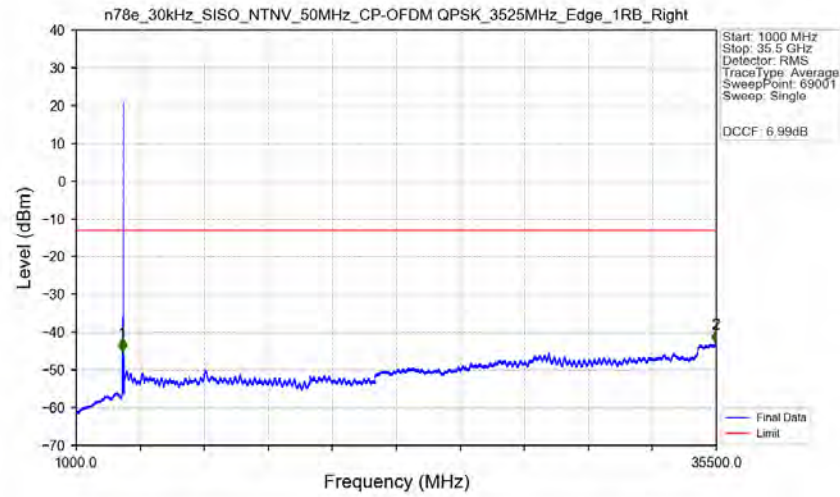
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3495	3495	0.5	/	1	3495.000	-68.92	-13	Pass
3495	3499	0.5	CHP	2	3498.270	-52.68	-13	Pass
3499	3500	0.03	/	3	3499.845	-61.78	-13	Pass
3500	3550	0.03	/	/	/	/	/	/
3550	3551	0.03	/	4	3550.005	-42.60	-13	Pass
3551	3555	0.5	CHP	5	3551.250	-44.28	-13	Pass

n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3525MHz Edge 1RB Right Ant1



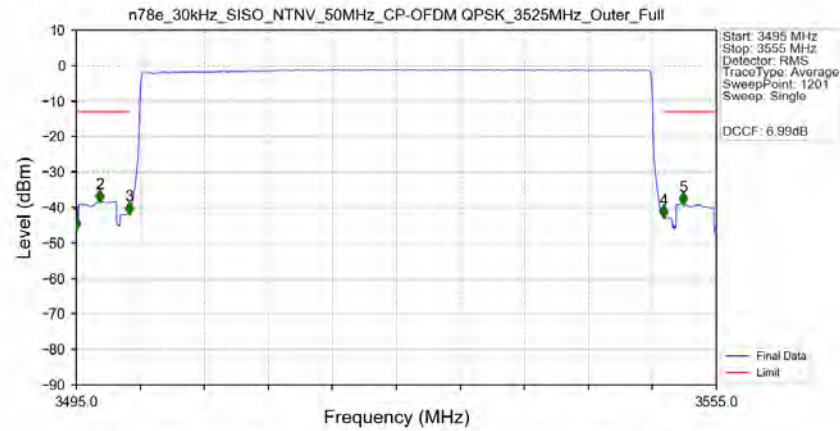
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	902.700	-58.26	-13	Pass

n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3525MHz Edge 1RB Right Ant1



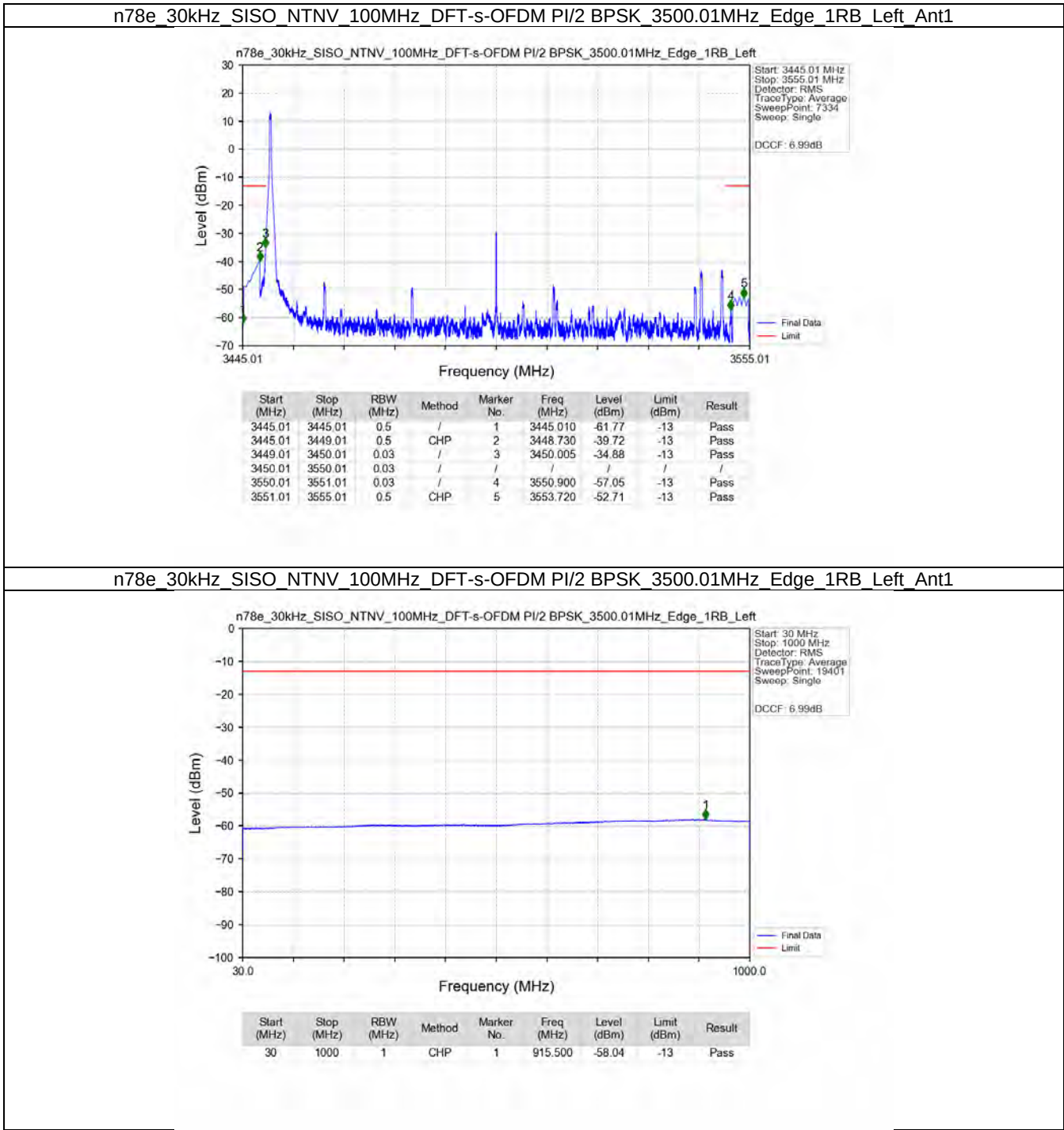
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3495	1	/	1	3487.500	-45.02	-13	Pass
3495	3555	1	/	/	/	/	/	/
3555	35500	1	/	2	35466.000	-42.81	-13	Pass

n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3525MHz Outer Full Ant1

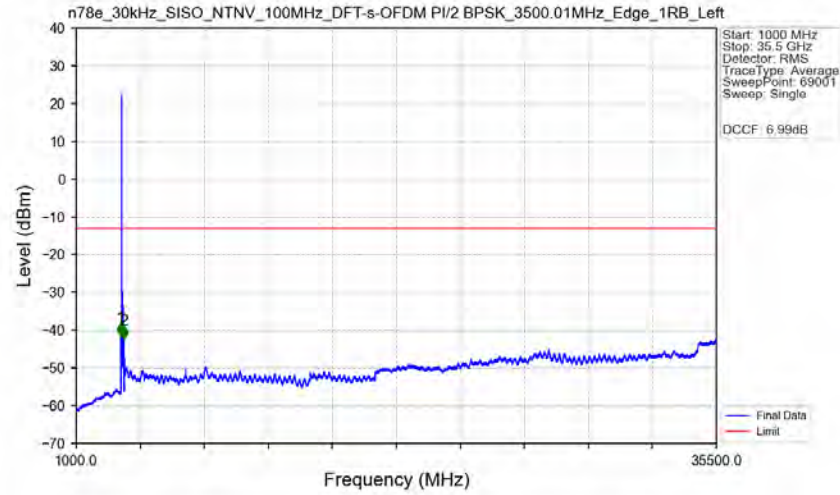


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3495	3495	0.5	/	1	3495.000	-46.12	-13	Pass
3495	3499	0.5	CHP	2	3497.200	-38.28	-13	Pass
3499	3500	0.2	CHP	3	3499.950	-41.71	-13	Pass
3500	3550	0.2	CHP	/	/	/	/	/
3550	3551	0.2	CHP	4	3550.050	-42.74	-13	Pass
3551	3555	0.5	CHP	5	3551.850	-39.01	-13	Pass

5.2.3 30k_SISO_100MHz_NTNV

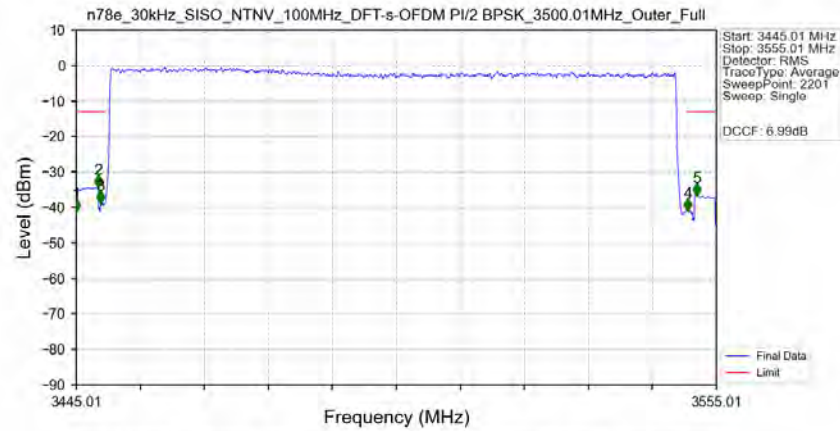


n78e 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3500.01MHz Edge 1RB Left Ant1



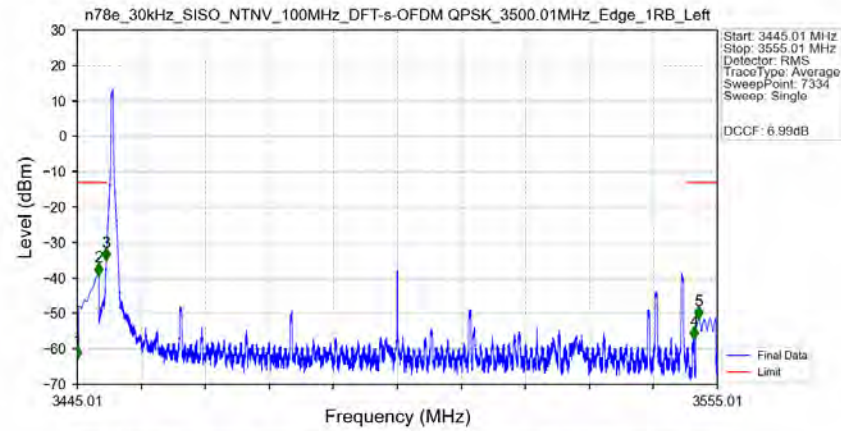
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3402.000	-41.50	-13	Pass
3445.01	3555.01	1	/	/	/	/	/	/
3555.01	35500	1	/	2	3568.000	-42.22	-13	Pass

n78e 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3500.01MHz Outer Full Ant1



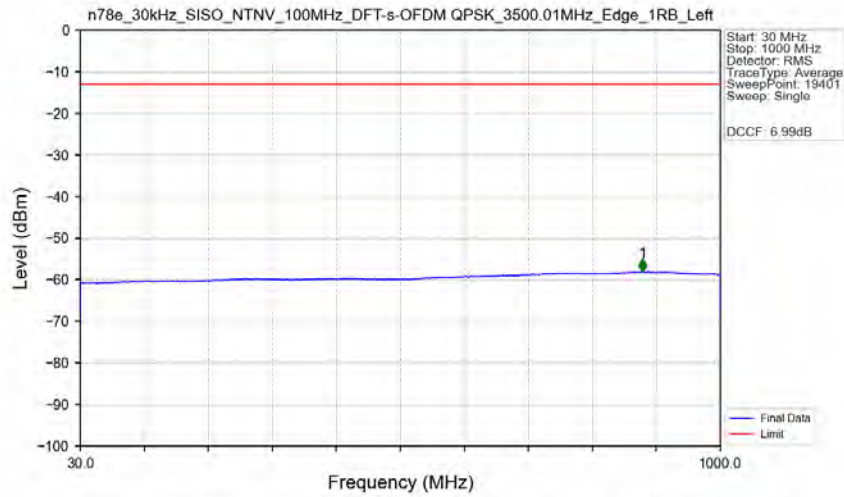
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-40.92	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.760	-34.13	-13	Pass
3449.01	3450.01	0.2	CHP	3	3449.160	-38.56	-13	Pass
3450.01	3550.01	0.2	CHP	/	/	/	/	/
3550.01	3551.01	0.2	CHP	4	3550.110	-40.71	-13	Pass
3551.01	3555.01	0.5	CHP	5	3551.660	-36.43	-13	Pass

n78e 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1



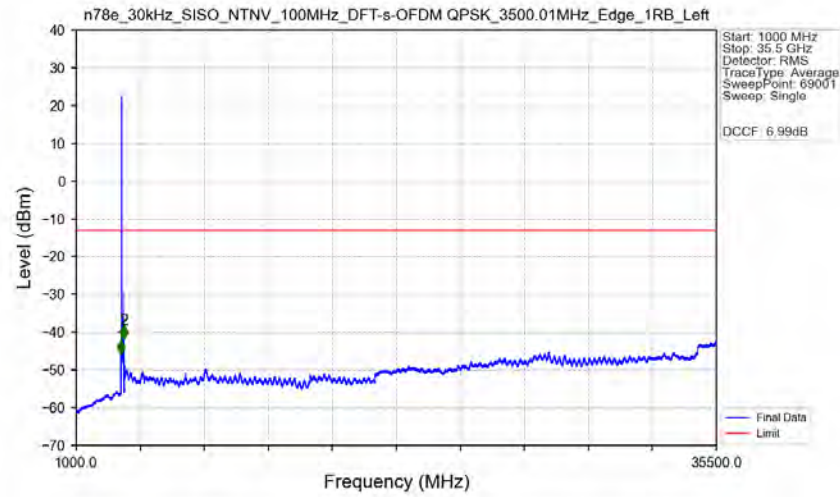
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-62.52	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.700	-39.04	-13	Pass
3449.01	3450.01	0.03	/	3	3450.005	-34.79	-13	Pass
3450.01	3550.01	0.03	/	/	/	/	/	/
3550.01	3551.01	0.03	/	4	3551.005	-57.06	-13	Pass
3551.01	3555.01	0.5	CHP	5	3551.755	-51.29	-13	Pass

n78e 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1



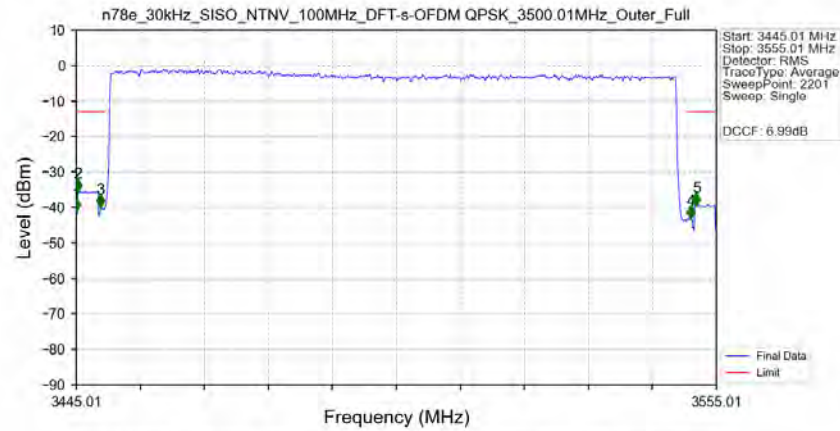
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	882.300	-58.04	-13	Pass

n78e 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1



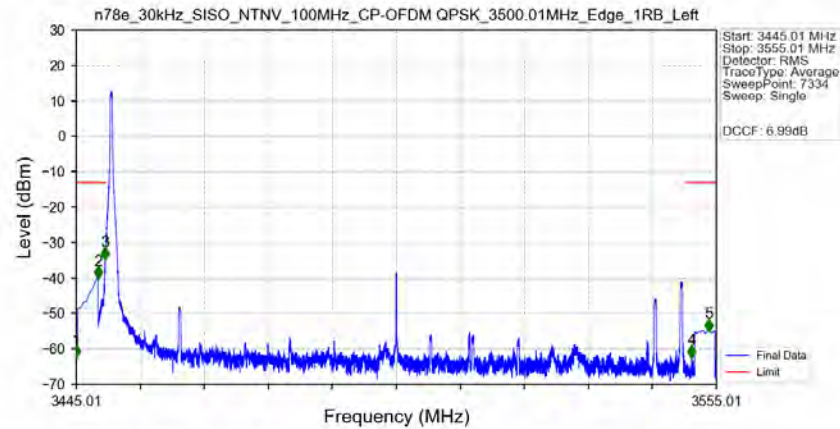
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3402.000	-45.61	-13	Pass
3445.01	3555.01	1	/	/	/	/	/	/
3555.01	35500	1	/	2	3568.000	-41.68	-13	Pass

n78e 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3500.01MHz Outer_Full Ant1



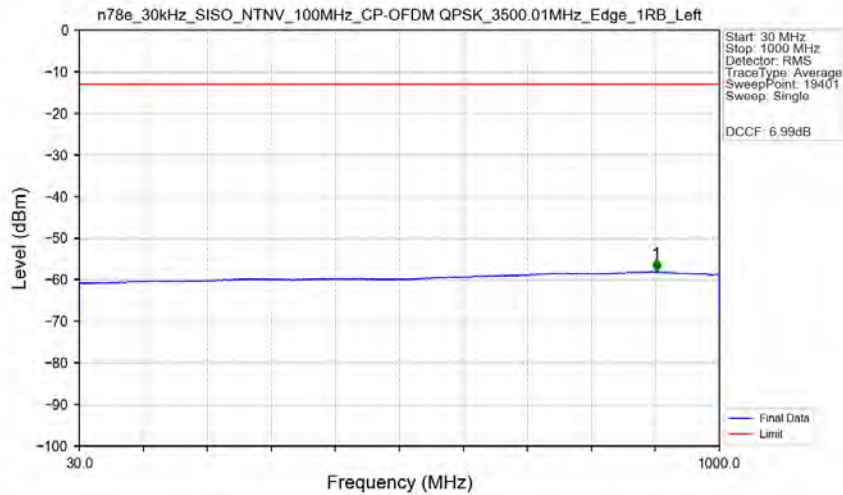
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-40.78	-13	Pass
3445.01	3449.01	0.5	CHP	2	3445.260	-35.33	-13	Pass
3449.01	3450.01	0.2	CHP	3	3449.160	-39.76	-13	Pass
3450.01	3550.01	0.2	CHP	/	/	/	/	/
3550.01	3551.01	0.2	CHP	4	3550.610	-42.88	-13	Pass
3551.01	3555.01	0.5	CHP	5	3551.560	-39.25	-13	Pass

n78e 30kHz SISO NTN 100MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1



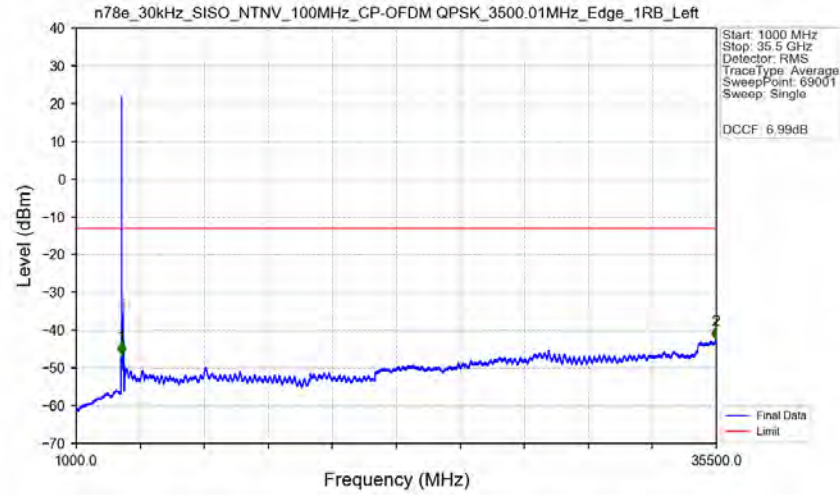
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-62.27	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.745	-40.01	-13	Pass
3449.01	3450.01	0.03	/	3	3449.990	-34.63	-13	Pass
3450.01	3550.01	0.03	/	/	/	/	/	/
3550.01	3551.01	0.03	/	4	3550.765	-62.30	-13	Pass
3551.01	3555.01	0.5	CHP	5	3553.645	-54.81	-13	Pass

n78e 30kHz SISO NTN 100MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1



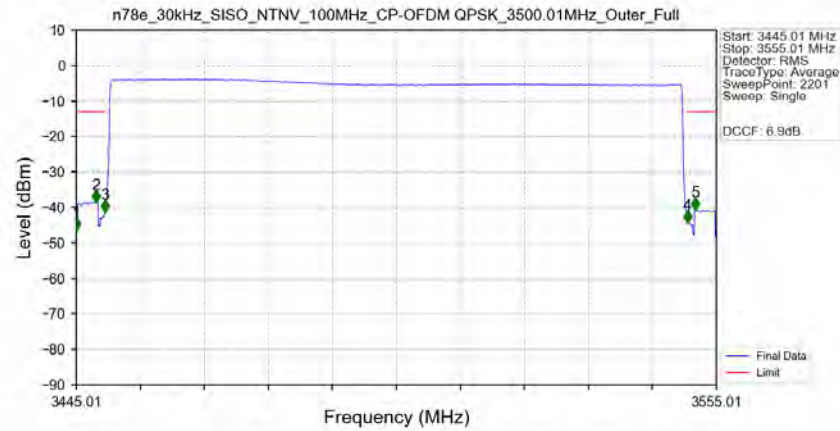
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	904.350	-58.05	-13	Pass

n78e 30kHz SISO NTN 100MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3445.000	-46.58	-13	Pass
3445.01	3555.01	1	/	/	/	/	/	/
3555.01	35500	1	/	2	35468.500	-42.53	-13	Pass

n78e 30kHz SISO NTN 100MHz CP-OFDM QPSK 3500.01MHz Outer_Full Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-46.37	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.360	-38.35	-13	Pass
3449.01	3450.01	0.2	CHP	3	3449.960	-41.24	-13	Pass
3450.01	3550.01	0.2	CHP	/	/	/	/	/
3550.01	3551.01	0.2	CHP	4	3550.060	-44.23	-13	Pass
3551.01	3555.01	0.5	CHP	5	3551.360	-40.51	-13	Pass

6. Field Strength of Spurious Radiation

NR N78a (3450-3550)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6910.0	-46.6	-13	-33.6	-52.7	4.91	11.01	Horizontal	Pass
10365.0	-56.21	-13	-43.21	-63.79	5.52	13.1	Horizontal	Pass
13820.0	-54.14	-13	-41.14	-62.31	6.21	14.38	Horizontal	Pass
6910.0	-46.56	-13	-33.56	-52.66	4.91	11.01	Vertical	Pass
10365.0	-56.04	-13	-43.04	-63.62	5.52	13.1	Vertical	Pass
13820.0	-53.72	-13	-40.72	-61.89	6.21	14.38	Vertical	Pass

NSA_7A_n78A 3450-3550-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6991.02	-60.88	-13	-47.88	-67.08	4.92	11.12	Horizontal	Pass
10486.53	-56.24	-13	-43.24	-63.82	5.54	13.12	Horizontal	Pass
13982.04	-53.77	-13	-40.77	-61.91	6.33	14.47	Horizontal	Pass
6991.02	-49.07	-13	-36.07	-55.27	4.92	11.12	Vertical	Pass
10486.53	-56.15	-13	-43.15	-63.73	5.54	13.12	Vertical	Pass
13982.04	-54.15	-13	-41.15	-62.29	6.33	14.47	Vertical	Pass