

		Outer_Full	22.36	/	/	21.26	/	/	/	Pass
		Inner_Full	22.83	/	/	21.73	/	/	/	Pass
		Inner_1RB_Left	22.55	/	/	21.45	/	/	/	Pass
		Inner_1RB_Right	23.27	/	/	22.17	/	/	/	Pass
	3654.99	Edge_1RB_Left	23.04	/	/	21.94	/	/	/	Pass
		Edge_1RB_Right	22.68	/	/	21.58	/	/	/	Pass
		Outer_Full	23.09	/	/	21.99	/	/	/	Pass
		Inner_Full	23.69	/	/	22.59	/	/	/	Pass
		Inner_1RB_Left	23.50	/	/	22.40	/	/	/	Pass
		Inner_1RB_Right	23.23	/	/	22.13	/	/	/	Pass
DFT-s-OFDM QPSK	3624.99	Edge_1RB_Left	21.60	/	/	20.50	/	/	/	Pass
		Edge_1RB_Right	22.31	/	/	21.21	/	/	/	Pass
		Outer_Full	22.19	/	/	21.09	/	/	/	Pass
		Inner_Full	23.27	/	/	22.17	/	/	/	Pass
		Inner_1RB_Left	22.58	/	/	21.48	/	/	/	Pass
		Inner_1RB_Right	23.30	/	/	22.20	/	/	/	Pass
	3595.02	Edge_1RB_Left	21.53	/	/	20.43	/	/	/	Pass
		Edge_1RB_Right	22.35	/	/	21.25	/	/	/	Pass
		Outer_Full	21.88	/	/	20.78	/	/	/	Pass
		Inner_Full	22.80	/	/	21.70	/	/	/	Pass
		Inner_1RB_Left	22.54	/	/	21.44	/	/	/	Pass
		Inner_1RB_Right	23.33	/	/	22.23	/	/	/	Pass
	3654.99	Edge_1RB_Left	22.51	/	/	21.41	/	/	/	Pass
		Edge_1RB_Right	22.18	/	/	21.08	/	/	/	Pass
		Outer_Full	22.61	/	/	21.51	/	/	/	Pass
		Inner_Full	23.65	/	/	22.55	/	/	/	Pass
		Inner_1RB_Left	23.44	/	/	22.34	/	/	/	Pass
		Inner_1RB_Right	23.13	/	/	22.03	/	/	/	Pass
DFT-s-OFDM 16 QAM	3624.99	Edge_1RB_Left	20.64	/	/	19.54	/	/	/	Pass
		Edge_1RB_Right	21.34	/	/	20.24	/	/	/	Pass
		Outer_Full	21.21	/	/	20.11	/	/	/	Pass
		Inner_Full	22.27	/	/	21.17	/	/	/	Pass
		Inner_1RB_Left	21.58	/	/	20.48	/	/	/	Pass
		Inner_1RB_Right	22.30	/	/	21.20	/	/	/	Pass
	3595.02	Edge_1RB_Left	20.61	/	/	19.51	/	/	/	Pass
		Edge_1RB_Right	21.37	/	/	20.27	/	/	/	Pass
		Outer_Full	20.94	/	/	19.84	/	/	/	Pass
		Inner_Full	21.84	/	/	20.74	/	/	/	Pass
		Inner_1RB_Left	21.63	/	/	20.53	/	/	/	Pass
		Inner_1RB_Right	22.28	/	/	21.18	/	/	/	Pass
	3654.99	Edge_1RB_Left	21.28	/	/	20.18	/	/	/	Pass
		Edge_1RB_Right	21.01	/	/	19.91	/	/	/	Pass
		Outer_Full	21.60	/	/	20.50	/	/	/	Pass
		Inner_Full	22.65	/	/	21.55	/	/	/	Pass
		Inner_1RB_Left	22.28	/	/	21.18	/	/	/	Pass
		Inner_1RB_Right	21.94	/	/	20.84	/	/	/	Pass
DFT-s-OFDM 64 QAM	3624.99	Edge_1RB_Left	20.12	/	/	19.02	/	/	/	Pass
		Edge_1RB_Right	20.86	/	/	19.76	/	/	/	Pass
		Outer_Full	20.72	/	/	19.62	/	/	/	Pass
		Inner_Full	20.82	/	/	19.72	/	/	/	Pass
		Inner_1RB_Left	20.13	/	/	19.03	/	/	/	Pass
		Inner_1RB_Right	20.96	/	/	19.86	/	/	/	Pass
	3595.02	Edge_1RB_Left	20.03	/	/	18.93	/	/	/	Pass
		Edge_1RB_Right	20.85	/	/	19.75	/	/	/	Pass
		Outer_Full	20.39	/	/	19.29	/	/	/	Pass
		Inner_Full	20.32	/	/	19.22	/	/	/	Pass
		Inner_1RB_Left	20.01	/	/	18.91	/	/	/	Pass
		Inner_1RB_Right	20.87	/	/	19.77	/	/	/	Pass
	3654.99	Edge_1RB_Left	21.28	/	/	20.18	/	/	/	Pass

		Edge 1RB Right	20.97	/	/	19.87	/	/	/	Pass
		Outer Full	21.08	/	/	19.98	/	/	/	Pass
		Inner Full	21.18	/	/	20.08	/	/	/	Pass
		Inner 1RB Left	21.32	/	/	20.22	/	/	/	Pass
		Inner 1RB Right	20.98	/	/	19.88	/	/	/	Pass
DFT-s-OFDM 256 QAM	3624.99	Edge 1RB Left	18.03	/	/	16.93	/	/	/	Pass
		Edge 1RB Right	18.75	/	/	17.65	/	/	/	Pass
		Outer Full	18.76	/	/	17.66	/	/	/	Pass
		Inner Full	18.86	/	/	17.76	/	/	/	Pass
		Inner 1RB Left	18.01	/	/	16.91	/	/	/	Pass
		Inner 1RB Right	18.73	/	/	17.63	/	/	/	Pass
	3595.02	Edge 1RB Left	17.95	/	/	16.85	/	/	/	Pass
		Edge 1RB Right	18.69	/	/	17.59	/	/	/	Pass
		Outer Full	18.46	/	/	17.36	/	/	/	Pass
		Inner Full	18.37	/	/	17.27	/	/	/	Pass
		Inner 1RB Left	17.95	/	/	16.85	/	/	/	Pass
		Inner 1RB Right	18.71	/	/	17.61	/	/	/	Pass
	3654.99	Edge 1RB Left	19.05	/	/	17.95	/	/	/	Pass
		Edge 1RB Right	18.74	/	/	17.64	/	/	/	Pass
		Outer Full	19.12	/	/	18.02	/	/	/	Pass
		Inner Full	19.20	/	/	18.10	/	/	/	Pass
		Inner 1RB Left	19.09	/	/	17.99	/	/	/	Pass
		Inner 1RB Right	18.76	/	/	17.66	/	/	/	Pass
CP-OFDM QPSK	3624.99	Edge 1RB Left	19.50	/	/	18.40	/	/	/	Pass
		Edge 1RB Right	20.15	/	/	19.05	/	/	/	Pass
		Outer Full	20.23	/	/	19.13	/	/	/	Pass
		Inner Full	22.06	/	/	20.96	/	/	/	Pass
		Inner 1RB Left	21.02	/	/	19.92	/	/	/	Pass
		Inner 1RB Right	21.91	/	/	20.81	/	/	/	Pass
	3595.02	Edge 1RB Left	19.41	/	/	18.31	/	/	/	Pass
		Edge 1RB Right	20.18	/	/	19.08	/	/	/	Pass
		Outer Full	19.90	/	/	18.80	/	/	/	Pass
		Inner Full	21.29	/	/	20.19	/	/	/	Pass
		Inner 1RB Left	20.92	/	/	19.82	/	/	/	Pass
		Inner 1RB Right	21.68	/	/	20.58	/	/	/	Pass
	3654.99	Edge 1RB Left	20.39	/	/	19.29	/	/	/	Pass
		Edge 1RB Right	20.22	/	/	19.12	/	/	/	Pass
		Outer Full	20.55	/	/	19.45	/	/	/	Pass
		Inner Full	22.12	/	/	21.02	/	/	/	Pass
		Inner 1RB Left	22.04	/	/	20.94	/	/	/	Pass
		Inner 1RB Right	21.80	/	/	20.70	/	/	/	Pass
CP-OFDM 16 QAM	3624.99	Edge 1RB Left	19.79	/	/	18.69	/	/	/	Pass
		Edge 1RB Right	20.32	/	/	19.22	/	/	/	Pass
		Outer Full	20.47	/	/	19.37	/	/	/	Pass
		Inner Full	21.58	/	/	20.48	/	/	/	Pass
		Inner 1RB Left	20.86	/	/	19.76	/	/	/	Pass
		Inner 1RB Right	21.29	/	/	20.19	/	/	/	Pass
	3595.02	Edge 1RB Left	19.58	/	/	18.48	/	/	/	Pass
		Edge 1RB Right	20.36	/	/	19.26	/	/	/	Pass
		Outer Full	19.82	/	/	18.72	/	/	/	Pass
		Inner Full	20.79	/	/	19.69	/	/	/	Pass
		Inner 1RB Left	20.54	/	/	19.44	/	/	/	Pass
		Inner 1RB Right	21.22	/	/	20.12	/	/	/	Pass
	3654.99	Edge 1RB Left	20.43	/	/	19.33	/	/	/	Pass
		Edge 1RB Right	20.06	/	/	18.96	/	/	/	Pass
		Outer Full	20.56	/	/	19.46	/	/	/	Pass
		Inner Full	21.62	/	/	20.52	/	/	/	Pass
		Inner 1RB Left	21.34	/	/	20.24	/	/	/	Pass
		Inner 1RB Right	21.04	/	/	19.94	/	/	/	Pass

CP-OFDM 64 QAM	3624.99	Edge_1RB_Left	19.75	/	/	18.65	/	/	/	Pass
		Edge_1RB_Right	20.26	/	/	19.16	/	/	/	Pass
		Outer_Full	20.02	/	/	18.92	/	/	/	Pass
		Inner_Full	20.09	/	/	18.99	/	/	/	Pass
		Inner_1RB_Left	19.74	/	/	18.64	/	/	/	Pass
		Inner_1RB_Right	20.17	/	/	19.07	/	/	/	Pass
	3595.02	Edge_1RB_Left	19.07	/	/	17.97	/	/	/	Pass
		Edge_1RB_Right	19.88	/	/	18.78	/	/	/	Pass
		Outer_Full	19.37	/	/	18.27	/	/	/	Pass
		Inner_Full	19.31	/	/	18.21	/	/	/	Pass
		Inner_1RB_Left	19.05	/	/	17.95	/	/	/	Pass
		Inner_1RB_Right	20.02	/	/	18.92	/	/	/	Pass
	3654.99	Edge_1RB_Left	20.25	/	/	19.15	/	/	/	Pass
		Edge_1RB_Right	20.01	/	/	18.91	/	/	/	Pass
		Outer_Full	20.07	/	/	18.97	/	/	/	Pass
		Inner_Full	20.12	/	/	19.02	/	/	/	Pass
		Inner_1RB_Left	20.31	/	/	19.21	/	/	/	Pass
		Inner_1RB_Right	20.10	/	/	19.00	/	/	/	Pass
CP-OFDM 256 QAM	3624.99	Edge_1RB_Left	16.64	/	/	15.54	/	/	/	Pass
		Edge_1RB_Right	17.08	/	/	15.98	/	/	/	Pass
		Outer_Full	17.05	/	/	15.95	/	/	/	Pass
		Inner_Full	17.15	/	/	16.05	/	/	/	Pass
		Inner_1RB_Left	16.66	/	/	15.56	/	/	/	Pass
		Inner_1RB_Right	17.07	/	/	15.97	/	/	/	Pass
	3595.02	Edge_1RB_Left	15.97	/	/	14.87	/	/	/	Pass
		Edge_1RB_Right	16.76	/	/	15.66	/	/	/	Pass
		Outer_Full	16.42	/	/	15.32	/	/	/	Pass
		Inner_Full	16.36	/	/	15.26	/	/	/	Pass
		Inner_1RB_Left	15.93	/	/	14.83	/	/	/	Pass
		Inner_1RB_Right	16.71	/	/	15.61	/	/	/	Pass
	3654.99	Edge_1RB_Left	17.17	/	/	16.07	/	/	/	Pass
		Edge_1RB_Right	16.86	/	/	15.76	/	/	/	Pass
		Outer_Full	17.14	/	/	16.04	/	/	/	Pass
		Inner_Full	17.19	/	/	16.09	/	/	/	Pass
		Inner_1RB_Left	17.22	/	/	16.12	/	/	/	Pass
		Inner_1RB_Right	16.82	/	/	15.72	/	/	/	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.16 30k_SISO_90MHz_NTNV_EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz SISO 90MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Edge_1RB_Left	21.80	/	/	20.70	/	/	<=23	Pass
		Edge_1RB_Right	23.37	/	/	22.27	/	/	<=23	Pass
		Outer_Full	12.47	/	/	11.37	/	/	<=23	Pass
		Inner_Full	14.93	/	/	13.83	/	/	<=23	Pass
		Inner_1RB_Left	22.96	/	/	21.86	/	/	<=23	Pass
		Inner_1RB_Right	23.67	/	/	22.57	/	/	<=23	Pass
	3595.02	Edge_1RB_Left	22.53	/	/	21.43	/	/	<=23	Pass
		Edge_1RB_Right	18.37	/	/	17.27	/	/	<=23	Pass
		Outer_Full	12.63	/	/	11.53	/	/	<=23	Pass
		Inner_Full	16.57	/	/	15.47	/	/	<=23	Pass
		Inner_1RB_Left	22.53	/	/	21.43	/	/	<=23	Pass
		Inner_1RB_Right	22.03	/	/	20.93	/	/	<=23	Pass
	3654.99	Edge_1RB_Left	21.81	/	/	20.71	/	/	<=23	Pass

		Edge_1RB_Right	22.54	/	/	21.44	/	/	<=23	Pass
		Outer_Full	10.60	/	/	9.50	/	/	<=23	Pass
		Inner_Full	17.75	/	/	16.65	/	/	<=23	Pass
		Inner_1RB_Left	21.97	/	/	20.87	/	/	<=23	Pass
		Inner_1RB_Right	23.31	/	/	22.21	/	/	<=23	Pass
DFT-s-OFDM QPSK	3624.99	Edge_1RB_Left	21.21	/	/	20.11	/	/	<=23	Pass
		Edge_1RB_Right	17.26	/	/	16.16	/	/	<=23	Pass
		Outer_Full	13.13	/	/	12.03	/	/	<=23	Pass
		Inner_Full	16.24	/	/	15.14	/	/	<=23	Pass
		Inner_1RB_Left	22.76	/	/	21.66	/	/	<=23	Pass
		Inner_1RB_Right	23.39	/	/	22.29	/	/	<=23	Pass
	3595.02	Edge_1RB_Left	21.18	/	/	20.08	/	/	<=23	Pass
		Edge_1RB_Right	21.44	/	/	20.34	/	/	<=23	Pass
		Outer_Full	12.37	/	/	11.27	/	/	<=23	Pass
		Inner_Full	16.63	/	/	15.53	/	/	<=23	Pass
		Inner_1RB_Left	22.39	/	/	21.29	/	/	<=23	Pass
		Inner_1RB_Right	23.91	/	/	22.81	/	/	<=23	Pass
	3654.99	Edge_1RB_Left	20.94	/	/	19.84	/	/	<=23	Pass
		Edge_1RB_Right	22.06	/	/	20.96	/	/	<=23	Pass
		Outer_Full	13.41	/	/	12.31	/	/	<=23	Pass
		Inner_Full	17.53	/	/	16.43	/	/	<=23	Pass
		Inner_1RB_Left	22.38	/	/	21.28	/	/	<=23	Pass
		Inner_1RB_Right	23.63	/	/	22.53	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3624.99	Edge_1RB_Left	20.82	/	/	19.72	/	/	<=23	Pass
		Edge_1RB_Right	21.42	/	/	20.32	/	/	<=23	Pass
		Outer_Full	11.37	/	/	10.27	/	/	<=23	Pass
		Inner_Full	11.43	/	/	10.33	/	/	<=23	Pass
		Inner_1RB_Left	21.89	/	/	20.79	/	/	<=23	Pass
		Inner_1RB_Right	22.12	/	/	21.02	/	/	<=23	Pass
	3595.02	Edge_1RB_Left	20.24	/	/	19.14	/	/	<=23	Pass
		Edge_1RB_Right	20.80	/	/	19.70	/	/	<=23	Pass
		Outer_Full	11.09	/	/	9.99	/	/	<=23	Pass
		Inner_Full	15.64	/	/	14.54	/	/	<=23	Pass
		Inner_1RB_Left	21.71	/	/	20.61	/	/	<=23	Pass
		Inner_1RB_Right	21.41	/	/	20.31	/	/	<=23	Pass
	3654.99	Edge_1RB_Left	20.01	/	/	18.91	/	/	<=23	Pass
		Edge_1RB_Right	17.38	/	/	16.28	/	/	<=23	Pass
		Outer_Full	8.58	/	/	7.48	/	/	<=23	Pass
		Inner_Full	16.93	/	/	15.83	/	/	<=23	Pass
		Inner_1RB_Left	20.66	/	/	19.56	/	/	<=23	Pass
		Inner_1RB_Right	22.43	/	/	21.33	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3624.99	Edge_1RB_Left	20.13	/	/	19.03	/	/	<=23	Pass
		Edge_1RB_Right	21.31	/	/	20.21	/	/	<=23	Pass
		Outer_Full	11.89	/	/	10.79	/	/	<=23	Pass
		Inner_Full	14.12	/	/	13.02	/	/	<=23	Pass
		Inner_1RB_Left	19.49	/	/	18.39	/	/	<=23	Pass
		Inner_1RB_Right	20.94	/	/	19.84	/	/	<=23	Pass
	3595.02	Edge_1RB_Left	20.26	/	/	19.16	/	/	<=23	Pass
		Edge_1RB_Right	16.54	/	/	15.44	/	/	<=23	Pass
		Outer_Full	10.83	/	/	9.73	/	/	<=23	Pass
		Inner_Full	13.99	/	/	12.89	/	/	<=23	Pass
		Inner_1RB_Left	20.18	/	/	19.08	/	/	<=23	Pass
		Inner_1RB_Right	18.63	/	/	17.53	/	/	<=23	Pass
	3654.99	Edge_1RB_Left	19.97	/	/	18.87	/	/	<=23	Pass
		Edge_1RB_Right	20.83	/	/	19.73	/	/	<=23	Pass
		Outer_Full	12.16	/	/	11.06	/	/	<=23	Pass
		Inner_Full	15.05	/	/	13.95	/	/	<=23	Pass
		Inner_1RB_Left	19.92	/	/	18.82	/	/	<=23	Pass
		Inner_1RB_Right	21.60	/	/	20.50	/	/	<=23	Pass

DFT-s-OFDM 256 QAM	3624.99	Edge 1RB Left	17.99	/	/	16.89	/	/	<=23	Pass
		Edge 1RB Right	18.80	/	/	17.70	/	/	<=23	Pass
		Outer Full	7.61	/	/	6.51	/	/	<=23	Pass
		Inner Full	12.44	/	/	11.34	/	/	<=23	Pass
		Inner 1RB Left	17.28	/	/	16.18	/	/	<=23	Pass
		Inner 1RB Right	13.40	/	/	12.30	/	/	<=23	Pass
	3595.02	Edge 1RB Left	18.16	/	/	17.06	/	/	<=23	Pass
		Edge 1RB Right	18.36	/	/	17.26	/	/	<=23	Pass
		Outer Full	8.74	/	/	7.64	/	/	<=23	Pass
		Inner Full	11.53	/	/	10.43	/	/	<=23	Pass
		Inner 1RB Left	18.29	/	/	17.19	/	/	<=23	Pass
		Inner 1RB Right	12.65	/	/	11.55	/	/	<=23	Pass
	3654.99	Edge 1RB Left	17.88	/	/	16.78	/	/	<=23	Pass
		Edge 1RB Right	19.03	/	/	17.93	/	/	<=23	Pass
		Outer Full	10.44	/	/	9.34	/	/	<=23	Pass
		Inner Full	9.36	/	/	8.26	/	/	<=23	Pass
		Inner 1RB Left	17.75	/	/	16.65	/	/	<=23	Pass
		Inner 1RB Right	18.66	/	/	17.56	/	/	<=23	Pass
CP-OFDM QPSK	3624.99	Edge 1RB Left	18.66	/	/	17.56	/	/	<=23	Pass
		Edge 1RB Right	20.36	/	/	19.26	/	/	<=23	Pass
		Outer Full	10.65	/	/	9.55	/	/	<=23	Pass
		Inner Full	16.06	/	/	14.96	/	/	<=23	Pass
		Inner 1RB Left	17.25	/	/	16.15	/	/	<=23	Pass
		Inner 1RB Right	22.33	/	/	21.23	/	/	<=23	Pass
	3595.02	Edge 1RB Left	20.07	/	/	18.97	/	/	<=23	Pass
		Edge 1RB Right	19.90	/	/	18.80	/	/	<=23	Pass
		Outer Full	10.27	/	/	9.17	/	/	<=23	Pass
		Inner Full	14.32	/	/	13.22	/	/	<=23	Pass
		Inner 1RB Left	20.94	/	/	19.84	/	/	<=23	Pass
		Inner 1RB Right	19.15	/	/	18.05	/	/	<=23	Pass
	3654.99	Edge 1RB Left	19.43	/	/	18.33	/	/	<=23	Pass
		Edge 1RB Right	11.80	/	/	10.70	/	/	<=23	Pass
		Outer Full	11.74	/	/	10.64	/	/	<=23	Pass
		Inner Full	16.06	/	/	14.96	/	/	<=23	Pass
		Inner 1RB Left	20.22	/	/	19.12	/	/	<=23	Pass
		Inner 1RB Right	16.54	/	/	15.44	/	/	<=23	Pass
CP-OFDM 16 QAM	3624.99	Edge 1RB Left	20.11	/	/	19.01	/	/	<=23	Pass
		Edge 1RB Right	20.74	/	/	19.64	/	/	<=23	Pass
		Outer Full	11.71	/	/	10.61	/	/	<=23	Pass
		Inner Full	15.18	/	/	14.08	/	/	<=23	Pass
		Inner 1RB Left	20.87	/	/	19.77	/	/	<=23	Pass
		Inner 1RB Right	21.29	/	/	20.19	/	/	<=23	Pass
	3595.02	Edge 1RB Left	19.40	/	/	18.30	/	/	<=23	Pass
		Edge 1RB Right	21.14	/	/	20.04	/	/	<=23	Pass
		Outer Full	9.73	/	/	8.63	/	/	<=23	Pass
		Inner Full	13.85	/	/	12.75	/	/	<=23	Pass
		Inner 1RB Left	20.43	/	/	19.33	/	/	<=23	Pass
		Inner 1RB Right	20.83	/	/	19.73	/	/	<=23	Pass
	3654.99	Edge 1RB Left	19.67	/	/	18.57	/	/	<=23	Pass
		Edge 1RB Right	20.92	/	/	19.82	/	/	<=23	Pass
		Outer Full	11.63	/	/	10.53	/	/	<=23	Pass
		Inner Full	13.05	/	/	11.95	/	/	<=23	Pass
		Inner 1RB Left	20.18	/	/	19.08	/	/	<=23	Pass
		Inner 1RB Right	21.88	/	/	20.78	/	/	<=23	Pass
CP-OFDM 64 QAM	3624.99	Edge 1RB Left	19.74	/	/	18.64	/	/	<=23	Pass
		Edge 1RB Right	20.67	/	/	19.57	/	/	<=23	Pass
		Outer Full	11.33	/	/	10.23	/	/	<=23	Pass
		Inner Full	13.47	/	/	12.37	/	/	<=23	Pass
		Inner 1RB Left	19.00	/	/	17.90	/	/	<=23	Pass

	3595.02	Inner_1RB_Right	20.44	/	/	19.34	/	/	<=23	Pass
		Edge_1RB_Left	18.91	/	/	17.81	/	/	<=23	Pass
		Edge_1RB_Right	20.39	/	/	19.29	/	/	<=23	Pass
		Outer_Full	9.59	/	/	8.49	/	/	<=23	Pass
		Inner_Full	12.08	/	/	10.98	/	/	<=23	Pass
		Inner_1RB_Left	19.86	/	/	18.76	/	/	<=23	Pass
		Inner_1RB_Right	20.01	/	/	18.91	/	/	<=23	Pass
	3654.99	Edge_1RB_Left	19.19	/	/	18.09	/	/	<=23	Pass
		Edge_1RB_Right	20.95	/	/	19.85	/	/	<=23	Pass
		Outer_Full	9.82	/	/	8.72	/	/	<=23	Pass
		Inner_Full	14.11	/	/	13.01	/	/	<=23	Pass
		Inner_1RB_Left	19.29	/	/	18.19	/	/	<=23	Pass
CP-OFDM 256 QAM	3624.99	Inner_1RB_Right	20.80	/	/	19.70	/	/	<=23	Pass
		Edge_1RB_Left	16.69	/	/	15.59	/	/	<=23	Pass
		Edge_1RB_Right	17.70	/	/	16.60	/	/	<=23	Pass
		Outer_Full	7.52	/	/	6.42	/	/	<=23	Pass
		Inner_Full	10.26	/	/	9.16	/	/	<=23	Pass
		Inner_1RB_Left	15.90	/	/	14.80	/	/	<=23	Pass
	3595.02	Inner_1RB_Right	17.27	/	/	16.17	/	/	<=23	Pass
		Edge_1RB_Left	16.90	/	/	15.80	/	/	<=23	Pass
		Edge_1RB_Right	15.59	/	/	14.49	/	/	<=23	Pass
		Outer_Full	6.31	/	/	5.21	/	/	<=23	Pass
		Inner_Full	9.43	/	/	8.33	/	/	<=23	Pass
		Inner_1RB_Left	16.15	/	/	15.05	/	/	<=23	Pass
	3654.99	Inner_1RB_Right	17.21	/	/	16.11	/	/	<=23	Pass
		Edge_1RB_Left	15.28	/	/	14.18	/	/	<=23	Pass
		Edge_1RB_Right	17.21	/	/	16.11	/	/	<=23	Pass
		Outer_Full	8.15	/	/	7.05	/	/	<=23	Pass
		Inner_Full	11.01	/	/	9.91	/	/	<=23	Pass
		Inner_1RB_Left	15.84	/	/	14.74	/	/	<=23	Pass
Inner_1RB_Right	17.65	/	/	16.55	/	/	<=23	Pass		
Note1: Antenna Gain: Ant2: -1.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.17 30k_SISO_100MHz_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 100MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Edge 1RB Left	22.44	/	/	21.34	/	/	/	Pass
		Edge 1RB Right	22.83	/	/	21.73	/	/	/	Pass
		Outer Full	22.95	/	/	21.85	/	/	/	Pass
		Inner Full	23.58	/	/	22.48	/	/	/	Pass
		Inner 1RB Left	22.92	/	/	21.82	/	/	/	Pass
		Inner 1RB Right	23.33	/	/	22.23	/	/	/	Pass
	3600	Edge 1RB Left	22.40	/	/	21.30	/	/	/	Pass
		Edge 1RB Right	23.01	/	/	21.91	/	/	/	Pass
		Outer Full	22.80	/	/	21.70	/	/	/	Pass
		Inner Full	23.33	/	/	22.23	/	/	/	Pass
		Inner 1RB Left	22.93	/	/	21.83	/	/	/	Pass
		Inner 1RB Right	23.53	/	/	22.43	/	/	/	Pass
	3649.98	Edge 1RB Left	22.75	/	/	21.65	/	/	/	Pass
		Edge 1RB Right	22.73	/	/	21.63	/	/	/	Pass
		Outer Full	23.03	/	/	21.93	/	/	/	Pass
		Inner Full	23.54	/	/	22.44	/	/	/	Pass
		Inner 1RB Left	23.27	/	/	22.17	/	/	/	Pass
		Inner 1RB Right	23.27	/	/	22.17	/	/	/	Pass
DFT-s-OFDM QPSK	3624.99	Edge 1RB Left	21.89	/	/	20.79	/	/	/	Pass

		Edge 1RB Right	22.27	/	/	21.17	/	/	/	Pass
		Outer Full	22.49	/	/	21.39	/	/	/	Pass
		Inner Full	23.56	/	/	22.46	/	/	/	Pass
		Inner 1RB Left	22.92	/	/	21.82	/	/	/	Pass
	3600	Inner 1RB Right	23.26	/	/	22.16	/	/	/	Pass
		Edge 1RB Left	21.88	/	/	20.78	/	/	/	Pass
		Edge 1RB Right	22.46	/	/	21.36	/	/	/	Pass
		Outer Full	22.32	/	/	21.22	/	/	/	Pass
		Inner Full	23.28	/	/	22.18	/	/	/	Pass
		Inner 1RB Left	22.88	/	/	21.78	/	/	/	Pass
	3649.98	Inner 1RB Right	23.51	/	/	22.41	/	/	/	Pass
		Edge 1RB Left	22.22	/	/	21.12	/	/	/	Pass
		Edge 1RB Right	22.17	/	/	21.07	/	/	/	Pass
		Outer Full	22.55	/	/	21.45	/	/	/	Pass
		Inner Full	23.56	/	/	22.46	/	/	/	Pass
	DFT-s-OFDM 16 QAM	3624.99	Inner 1RB Left	23.21	/	/	22.11	/	/	/
Inner 1RB Right			23.23	/	/	22.13	/	/	/	Pass
Edge 1RB Left			20.80	/	/	19.70	/	/	/	Pass
Edge 1RB Right			21.28	/	/	20.18	/	/	/	Pass
Outer Full			21.49	/	/	20.39	/	/	/	Pass
Inner Full			22.60	/	/	21.50	/	/	/	Pass
3600		Inner 1RB Left	21.77	/	/	20.67	/	/	/	Pass
		Inner 1RB Right	22.21	/	/	21.11	/	/	/	Pass
		Edge 1RB Left	20.83	/	/	19.73	/	/	/	Pass
		Edge 1RB Right	21.32	/	/	20.22	/	/	/	Pass
		Outer Full	21.38	/	/	20.28	/	/	/	Pass
		Inner Full	22.35	/	/	21.25	/	/	/	Pass
3649.98		Inner 1RB Left	21.68	/	/	20.58	/	/	/	Pass
		Inner 1RB Right	22.31	/	/	21.21	/	/	/	Pass
		Edge 1RB Left	21.05	/	/	19.95	/	/	/	Pass
		Edge 1RB Right	21.14	/	/	20.04	/	/	/	Pass
	Outer Full	21.58	/	/	20.48	/	/	/	Pass	
	Inner Full	22.55	/	/	21.45	/	/	/	Pass	
DFT-s-OFDM 64 QAM	3624.99	Inner 1RB Left	22.02	/	/	20.92	/	/	/	Pass
		Inner 1RB Right	22.05	/	/	20.95	/	/	/	Pass
		Edge 1RB Left	20.64	/	/	19.54	/	/	/	Pass
		Edge 1RB Right	21.15	/	/	20.05	/	/	/	Pass
		Outer Full	20.98	/	/	19.88	/	/	/	Pass
		Inner Full	21.11	/	/	20.01	/	/	/	Pass
	3600	Inner 1RB Left	20.68	/	/	19.58	/	/	/	Pass
		Inner 1RB Right	21.16	/	/	20.06	/	/	/	Pass
		Edge 1RB Left	20.62	/	/	19.52	/	/	/	Pass
		Edge 1RB Right	21.29	/	/	20.19	/	/	/	Pass
		Outer Full	20.85	/	/	19.75	/	/	/	Pass
		Inner Full	20.90	/	/	19.80	/	/	/	Pass
	3649.98	Inner 1RB Left	20.64	/	/	19.54	/	/	/	Pass
		Inner 1RB Right	21.31	/	/	20.21	/	/	/	Pass
		Edge 1RB Left	21.05	/	/	19.95	/	/	/	Pass
		Edge 1RB Right	21.05	/	/	19.95	/	/	/	Pass
Outer Full		21.09	/	/	19.99	/	/	/	Pass	
Inner Full		21.09	/	/	19.99	/	/	/	Pass	
DFT-s-OFDM 256 QAM	3624.99	Inner 1RB Left	21.05	/	/	19.95	/	/	/	Pass
		Inner 1RB Right	21.11	/	/	20.01	/	/	/	Pass
		Edge 1RB Left	18.48	/	/	17.38	/	/	/	Pass
		Edge 1RB Right	18.90	/	/	17.80	/	/	/	Pass
		Outer Full	19.01	/	/	17.91	/	/	/	Pass

	3600	Edge_1RB_Left	18.45	/	/	17.35	/	/	/	Pass
		Edge_1RB_Right	19.08	/	/	17.98	/	/	/	Pass
		Outer_Full	18.87	/	/	17.77	/	/	/	Pass
		Inner_Full	18.90	/	/	17.80	/	/	/	Pass
		Inner_1RB_Left	18.48	/	/	17.38	/	/	/	Pass
		Inner_1RB_Right	19.09	/	/	17.99	/	/	/	Pass
	3649.98	Edge_1RB_Left	18.82	/	/	17.72	/	/	/	Pass
		Edge_1RB_Right	18.87	/	/	17.77	/	/	/	Pass
		Outer_Full	19.13	/	/	18.03	/	/	/	Pass
		Inner_Full	19.12	/	/	18.02	/	/	/	Pass
		Inner_1RB_Left	18.81	/	/	17.71	/	/	/	Pass
		Inner_1RB_Right	18.87	/	/	17.77	/	/	/	Pass
CP-OFDM QPSK	3624.99	Edge_1RB_Left	19.86	/	/	18.76	/	/	/	Pass
		Edge_1RB_Right	20.38	/	/	19.28	/	/	/	Pass
		Outer_Full	20.51	/	/	19.41	/	/	/	Pass
		Inner_Full	22.07	/	/	20.97	/	/	/	Pass
		Inner_1RB_Left	21.48	/	/	20.38	/	/	/	Pass
		Inner_1RB_Right	21.85	/	/	20.75	/	/	/	Pass
	3600	Edge_1RB_Left	19.93	/	/	18.83	/	/	/	Pass
		Edge_1RB_Right	20.46	/	/	19.36	/	/	/	Pass
		Outer_Full	20.31	/	/	19.21	/	/	/	Pass
		Inner_Full	21.82	/	/	20.72	/	/	/	Pass
		Inner_1RB_Left	21.46	/	/	20.36	/	/	/	Pass
		Inner_1RB_Right	22.03	/	/	20.93	/	/	/	Pass
	3649.98	Edge_1RB_Left	20.24	/	/	19.14	/	/	/	Pass
		Edge_1RB_Right	20.45	/	/	19.35	/	/	/	Pass
		Outer_Full	20.56	/	/	19.46	/	/	/	Pass
		Inner_Full	22.07	/	/	20.97	/	/	/	Pass
		Inner_1RB_Left	21.79	/	/	20.69	/	/	/	Pass
		Inner_1RB_Right	21.84	/	/	20.74	/	/	/	Pass
CP-OFDM 16 QAM	3624.99	Edge_1RB_Left	19.76	/	/	18.66	/	/	/	Pass
		Edge_1RB_Right	20.18	/	/	19.08	/	/	/	Pass
		Outer_Full	20.48	/	/	19.38	/	/	/	Pass
		Inner_Full	21.58	/	/	20.48	/	/	/	Pass
		Inner_1RB_Left	20.70	/	/	19.60	/	/	/	Pass
		Inner_1RB_Right	21.20	/	/	20.10	/	/	/	Pass
	3600	Edge_1RB_Left	19.68	/	/	18.58	/	/	/	Pass
		Edge_1RB_Right	20.40	/	/	19.30	/	/	/	Pass
		Outer_Full	20.30	/	/	19.20	/	/	/	Pass
		Inner_Full	21.33	/	/	20.23	/	/	/	Pass
		Inner_1RB_Left	20.76	/	/	19.66	/	/	/	Pass
		Inner_1RB_Right	21.46	/	/	20.36	/	/	/	Pass
	3649.98	Edge_1RB_Left	20.08	/	/	18.98	/	/	/	Pass
		Edge_1RB_Right	20.14	/	/	19.04	/	/	/	Pass
		Outer_Full	20.54	/	/	19.44	/	/	/	Pass
		Inner_Full	21.58	/	/	20.48	/	/	/	Pass
		Inner_1RB_Left	21.09	/	/	19.99	/	/	/	Pass
		Inner_1RB_Right	21.19	/	/	20.09	/	/	/	Pass
CP-OFDM 64 QAM	3624.99	Edge_1RB_Left	19.71	/	/	18.61	/	/	/	Pass
		Edge_1RB_Right	20.15	/	/	19.05	/	/	/	Pass
		Outer_Full	19.98	/	/	18.88	/	/	/	Pass
		Inner_Full	20.06	/	/	18.96	/	/	/	Pass
		Inner_1RB_Left	19.70	/	/	18.60	/	/	/	Pass
		Inner_1RB_Right	20.13	/	/	19.03	/	/	/	Pass
	3600	Edge_1RB_Left	19.66	/	/	18.56	/	/	/	Pass
		Edge_1RB_Right	20.30	/	/	19.20	/	/	/	Pass
		Outer_Full	19.84	/	/	18.74	/	/	/	Pass
		Inner_Full	19.84	/	/	18.74	/	/	/	Pass
		Inner_1RB_Left	19.69	/	/	18.59	/	/	/	Pass

	3649.98	Inner 1RB Right	20.35	/	/	19.25	/	/	/	Pass
		Edge 1RB Left	20.01	/	/	18.91	/	/	/	Pass
		Edge 1RB Right	20.09	/	/	18.99	/	/	/	Pass
		Outer Full	20.04	/	/	18.94	/	/	/	Pass
		Inner Full	20.09	/	/	18.99	/	/	/	Pass
		Inner 1RB Left	20.08	/	/	18.98	/	/	/	Pass
		Inner 1RB Right	20.13	/	/	19.03	/	/	/	Pass
CP-OFDM 256 QAM	3624.99	Edge 1RB Left	16.58	/	/	15.48	/	/	/	Pass
		Edge 1RB Right	16.98	/	/	15.88	/	/	/	Pass
		Outer Full	17.02	/	/	15.92	/	/	/	Pass
		Inner Full	17.13	/	/	16.03	/	/	/	Pass
		Inner 1RB Left	16.59	/	/	15.49	/	/	/	Pass
		Inner 1RB Right	16.99	/	/	15.89	/	/	/	Pass
	3600	Edge 1RB Left	16.53	/	/	15.43	/	/	/	Pass
		Edge 1RB Right	17.13	/	/	16.03	/	/	/	Pass
		Outer Full	16.88	/	/	15.78	/	/	/	Pass
		Inner Full	16.85	/	/	15.75	/	/	/	Pass
		Inner 1RB Left	16.60	/	/	15.50	/	/	/	Pass
		Inner 1RB Right	17.18	/	/	16.08	/	/	/	Pass
	3649.98	Edge 1RB Left	16.89	/	/	15.79	/	/	/	Pass
		Edge 1RB Right	16.91	/	/	15.81	/	/	/	Pass
		Outer Full	17.07	/	/	15.97	/	/	/	Pass
		Inner Full	17.12	/	/	16.02	/	/	/	Pass
		Inner 1RB Left	16.93	/	/	15.83	/	/	/	Pass
		Inner 1RB Right	16.93	/	/	15.83	/	/	/	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.18 30k_SISO_100MHz_NTNV_EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Edge 1RB Left	22.61	/	/	21.51	/	/	<=23	Pass
		Edge 1RB Right	22.27	/	/	21.17	/	/	<=23	Pass
		Outer Full	12.44	/	/	11.34	/	/	<=23	Pass
		Inner Full	15.64	/	/	14.54	/	/	<=23	Pass
		Inner 1RB Left	22.53	/	/	21.43	/	/	<=23	Pass
		Inner 1RB Right	23.99	/	/	22.89	/	/	<=23	Pass
	3600	Edge 1RB Left	22.53	/	/	21.43	/	/	<=23	Pass
		Edge 1RB Right	23.43	/	/	22.33	/	/	<=23	Pass
		Outer Full	11.90	/	/	10.80	/	/	<=23	Pass
		Inner Full	15.67	/	/	14.57	/	/	<=23	Pass
		Inner 1RB Left	22.53	/	/	21.43	/	/	<=23	Pass
		Inner 1RB Right	24.03	/	/	22.93	/	/	<=23	Pass
	3649.98	Edge 1RB Left	21.73	/	/	20.63	/	/	<=23	Pass
		Edge 1RB Right	23.62	/	/	22.52	/	/	<=23	Pass
		Outer Full	13.26	/	/	12.16	/	/	<=23	Pass
		Inner Full	15.21	/	/	14.11	/	/	<=23	Pass
		Inner 1RB Left	22.91	/	/	21.81	/	/	<=23	Pass
		Inner 1RB Right	23.11	/	/	22.01	/	/	<=23	Pass
DFT-s-OFDM QPSK	3624.99	Edge 1RB Left	21.55	/	/	20.45	/	/	<=23	Pass
		Edge 1RB Right	19.81	/	/	18.71	/	/	<=23	Pass
		Outer Full	11.74	/	/	10.64	/	/	<=23	Pass
		Inner Full	15.56	/	/	14.46	/	/	<=23	Pass
		Inner 1RB Left	22.68	/	/	21.58	/	/	<=23	Pass
		Inner 1RB Right	23.46	/	/	22.36	/	/	<=23	Pass

	3600	Edge_1RB_Left	21.84	/	/	20.74	/	/	<=23	Pass
		Edge_1RB_Right	23.36	/	/	22.26	/	/	<=23	Pass
		Outer_Full	11.41	/	/	10.31	/	/	<=23	Pass
		Inner_Full	16.04	/	/	14.94	/	/	<=23	Pass
		Inner_1RB_Left	23.04	/	/	21.94	/	/	<=23	Pass
		Inner_1RB_Right	23.99	/	/	22.89	/	/	<=23	Pass
	3649.98	Edge_1RB_Left	21.46	/	/	20.36	/	/	<=23	Pass
		Edge_1RB_Right	21.73	/	/	20.63	/	/	<=23	Pass
		Outer_Full	12.39	/	/	11.29	/	/	<=23	Pass
		Inner_Full	17.68	/	/	16.58	/	/	<=23	Pass
		Inner_1RB_Left	22.50	/	/	21.40	/	/	<=23	Pass
		Inner_1RB_Right	21.25	/	/	20.15	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3624.99	Edge_1RB_Left	21.09	/	/	19.99	/	/	<=23	Pass
		Edge_1RB_Right	21.04	/	/	19.94	/	/	<=23	Pass
		Outer_Full	10.71	/	/	9.61	/	/	<=23	Pass
		Inner_Full	14.52	/	/	13.42	/	/	<=23	Pass
		Inner_1RB_Left	21.66	/	/	20.56	/	/	<=23	Pass
		Inner_1RB_Right	20.48	/	/	19.38	/	/	<=23	Pass
	3600	Edge_1RB_Left	21.00	/	/	19.90	/	/	<=23	Pass
		Edge_1RB_Right	21.40	/	/	20.30	/	/	<=23	Pass
		Outer_Full	10.99	/	/	9.89	/	/	<=23	Pass
		Inner_Full	14.75	/	/	13.65	/	/	<=23	Pass
		Inner_1RB_Left	21.88	/	/	20.78	/	/	<=23	Pass
		Inner_1RB_Right	22.94	/	/	21.84	/	/	<=23	Pass
	3649.98	Edge_1RB_Left	19.96	/	/	18.86	/	/	<=23	Pass
		Edge_1RB_Right	17.74	/	/	16.64	/	/	<=23	Pass
		Outer_Full	11.52	/	/	10.42	/	/	<=23	Pass
		Inner_Full	15.46	/	/	14.36	/	/	<=23	Pass
		Inner_1RB_Left	21.00	/	/	19.90	/	/	<=23	Pass
		Inner_1RB_Right	21.93	/	/	20.83	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3624.99	Edge_1RB_Left	20.50	/	/	19.40	/	/	<=23	Pass
		Edge_1RB_Right	21.31	/	/	20.21	/	/	<=23	Pass
		Outer_Full	10.38	/	/	9.28	/	/	<=23	Pass
		Inner_Full	13.21	/	/	12.11	/	/	<=23	Pass
		Inner_1RB_Left	20.58	/	/	19.48	/	/	<=23	Pass
		Inner_1RB_Right	21.82	/	/	20.72	/	/	<=23	Pass
	3600	Edge_1RB_Left	19.82	/	/	18.72	/	/	<=23	Pass
		Edge_1RB_Right	16.48	/	/	15.38	/	/	<=23	Pass
		Outer_Full	10.28	/	/	9.18	/	/	<=23	Pass
		Inner_Full	13.47	/	/	12.37	/	/	<=23	Pass
		Inner_1RB_Left	20.86	/	/	19.76	/	/	<=23	Pass
		Inner_1RB_Right	18.39	/	/	17.29	/	/	<=23	Pass
	3649.98	Edge_1RB_Left	20.17	/	/	19.07	/	/	<=23	Pass
		Edge_1RB_Right	19.65	/	/	18.55	/	/	<=23	Pass
		Outer_Full	8.20	/	/	7.10	/	/	<=23	Pass
		Inner_Full	14.42	/	/	13.32	/	/	<=23	Pass
		Inner_1RB_Left	20.40	/	/	19.30	/	/	<=23	Pass
		Inner_1RB_Right	21.07	/	/	19.97	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3624.99	Edge_1RB_Left	17.64	/	/	16.54	/	/	<=23	Pass
		Edge_1RB_Right	19.14	/	/	18.04	/	/	<=23	Pass
		Outer_Full	7.95	/	/	6.85	/	/	<=23	Pass
		Inner_Full	11.12	/	/	10.02	/	/	<=23	Pass
		Inner_1RB_Left	18.04	/	/	16.94	/	/	<=23	Pass
		Inner_1RB_Right	19.29	/	/	18.19	/	/	<=23	Pass
	3600	Edge_1RB_Left	18.17	/	/	17.07	/	/	<=23	Pass
		Edge_1RB_Right	18.93	/	/	17.83	/	/	<=23	Pass
		Outer_Full	8.24	/	/	7.14	/	/	<=23	Pass
		Inner_Full	11.57	/	/	10.47	/	/	<=23	Pass
		Inner_1RB_Left	18.92	/	/	17.82	/	/	<=23	Pass

	3649.98	Inner_1RB_Right	17.86	/	/	16.76	/	/	<=23	Pass
		Edge_1RB_Left	18.21	/	/	17.11	/	/	<=23	Pass
		Edge_1RB_Right	18.71	/	/	17.61	/	/	<=23	Pass
		Outer_Full	9.65	/	/	8.55	/	/	<=23	Pass
		Inner_Full	10.43	/	/	9.33	/	/	<=23	Pass
		Inner_1RB_Left	17.67	/	/	16.57	/	/	<=23	Pass
CP-OFDM QPSK	3624.99	Inner_1RB_Right	19.16	/	/	18.06	/	/	<=23	Pass
		Edge_1RB_Left	19.94	/	/	18.84	/	/	<=23	Pass
		Edge_1RB_Right	17.39	/	/	16.29	/	/	<=23	Pass
		Outer_Full	9.14	/	/	8.04	/	/	<=23	Pass
		Inner_Full	14.05	/	/	12.95	/	/	<=23	Pass
		Inner_1RB_Left	20.92	/	/	19.82	/	/	<=23	Pass
	3600	Inner_1RB_Right	23.15	/	/	22.05	/	/	<=23	Pass
		Edge_1RB_Left	20.25	/	/	19.15	/	/	<=23	Pass
		Edge_1RB_Right	21.29	/	/	20.19	/	/	<=23	Pass
		Outer_Full	9.97	/	/	8.87	/	/	<=23	Pass
		Inner_Full	14.42	/	/	13.32	/	/	<=23	Pass
		Inner_1RB_Left	21.25	/	/	20.15	/	/	<=23	Pass
	3649.98	Inner_1RB_Right	22.61	/	/	21.51	/	/	<=23	Pass
		Edge_1RB_Left	19.65	/	/	18.55	/	/	<=23	Pass
		Edge_1RB_Right	17.70	/	/	16.60	/	/	<=23	Pass
		Outer_Full	10.09	/	/	8.99	/	/	<=23	Pass
		Inner_Full	15.28	/	/	14.18	/	/	<=23	Pass
		Inner_1RB_Left	20.82	/	/	19.72	/	/	<=23	Pass
CP-OFDM 16 QAM	3624.99	Inner_1RB_Right	17.20	/	/	16.10	/	/	<=23	Pass
		Edge_1RB_Left	19.91	/	/	18.81	/	/	<=23	Pass
		Edge_1RB_Right	20.01	/	/	18.91	/	/	<=23	Pass
		Outer_Full	9.22	/	/	8.12	/	/	<=23	Pass
		Inner_Full	13.19	/	/	12.09	/	/	<=23	Pass
		Inner_1RB_Left	20.95	/	/	19.85	/	/	<=23	Pass
	3600	Inner_1RB_Right	20.13	/	/	19.03	/	/	<=23	Pass
		Edge_1RB_Left	19.77	/	/	18.67	/	/	<=23	Pass
		Edge_1RB_Right	18.46	/	/	17.36	/	/	<=23	Pass
		Outer_Full	9.51	/	/	8.41	/	/	<=23	Pass
		Inner_Full	13.26	/	/	12.16	/	/	<=23	Pass
		Inner_1RB_Left	20.57	/	/	19.47	/	/	<=23	Pass
	3649.98	Inner_1RB_Right	21.54	/	/	20.44	/	/	<=23	Pass
		Edge_1RB_Left	18.70	/	/	17.60	/	/	<=23	Pass
		Edge_1RB_Right	16.53	/	/	15.43	/	/	<=23	Pass
		Outer_Full	8.81	/	/	7.71	/	/	<=23	Pass
		Inner_Full	14.94	/	/	13.84	/	/	<=23	Pass
		Inner_1RB_Left	20.32	/	/	19.22	/	/	<=23	Pass
CP-OFDM 64 QAM	3624.99	Inner_1RB_Right	21.01	/	/	19.91	/	/	<=23	Pass
		Edge_1RB_Left	19.28	/	/	18.18	/	/	<=23	Pass
		Edge_1RB_Right	20.45	/	/	19.35	/	/	<=23	Pass
		Outer_Full	8.83	/	/	7.73	/	/	<=23	Pass
		Inner_Full	12.68	/	/	11.58	/	/	<=23	Pass
		Inner_1RB_Left	19.59	/	/	18.49	/	/	<=23	Pass
	3600	Inner_1RB_Right	20.82	/	/	19.72	/	/	<=23	Pass
		Edge_1RB_Left	19.69	/	/	18.59	/	/	<=23	Pass
		Edge_1RB_Right	20.49	/	/	19.39	/	/	<=23	Pass
		Outer_Full	9.20	/	/	8.10	/	/	<=23	Pass
		Inner_Full	12.14	/	/	11.04	/	/	<=23	Pass
		Inner_1RB_Left	19.67	/	/	18.57	/	/	<=23	Pass
	3649.98	Inner_1RB_Right	20.44	/	/	19.34	/	/	<=23	Pass
		Edge_1RB_Left	18.78	/	/	17.68	/	/	<=23	Pass
		Edge_1RB_Right	20.08	/	/	18.98	/	/	<=23	Pass
		Outer_Full	6.67	/	/	5.57	/	/	<=23	Pass
		Inner_Full	13.92	/	/	12.82	/	/	<=23	Pass

		Inner 1RB Left	19.08	/	/	17.98	/	/	<=23	Pass
		Inner 1RB Right	18.25	/	/	17.15	/	/	<=23	Pass
CP-OFDM 256 QAM	3624.99	Edge 1RB Left	16.89	/	/	15.79	/	/	<=23	Pass
		Edge 1RB Right	13.94	/	/	12.84	/	/	<=23	Pass
		Outer Full	6.64	/	/	5.54	/	/	<=23	Pass
		Inner Full	9.26	/	/	8.16	/	/	<=23	Pass
		Inner 1RB Left	16.10	/	/	15.00	/	/	<=23	Pass
		Inner 1RB Right	17.30	/	/	16.20	/	/	<=23	Pass
	3600	Edge 1RB Left	17.08	/	/	15.98	/	/	<=23	Pass
		Edge 1RB Right	17.15	/	/	16.05	/	/	<=23	Pass
		Outer Full	6.09	/	/	4.99	/	/	<=23	Pass
		Inner Full	9.21	/	/	8.11	/	/	<=23	Pass
		Inner 1RB Left	16.71	/	/	15.61	/	/	<=23	Pass
		Inner 1RB Right	17.69	/	/	16.59	/	/	<=23	Pass
	3649.98	Edge 1RB Left	15.89	/	/	14.79	/	/	<=23	Pass
		Edge 1RB Right	15.42	/	/	14.32	/	/	<=23	Pass
		Outer Full	6.95	/	/	5.85	/	/	<=23	Pass
		Inner Full	9.19	/	/	8.09	/	/	<=23	Pass
		Inner 1RB Left	16.05	/	/	14.95	/	/	<=23	Pass
		Inner 1RB Right	17.28	/	/	16.18	/	/	<=23	Pass
Note1: Antenna Gain: Ant2: -1.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_100MHz

5G NR n48 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	3624.99	Outer_Full	20	LV	-7.60	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-4.30	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-12.10	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_10MHz_NTNV

5G NR n48 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	3624.99	Outer_Full	8.71	9.48	/	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	8.75	9.45	/	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	8.64	9.54	/	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	8.65	9.51	/	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	8.66	9.42	/	Pass
CP-OFDM QPSK	3624.99	Outer_Full	8.70	9.48	/	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	8.67	9.43	/	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	8.67	9.45	/	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	8.66	9.46	/	Pass

3.1.2 30k_SISO_15MHz_NTNV

5G NR n48 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	3624.99	Outer_Full	12.98	14.04	/	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	13.05	13.99	/	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	13.08	14.03	/	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	13.12	14.07	/	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	12.99	13.97	/	Pass
CP-OFDM QPSK	3624.99	Outer_Full	13.69	14.64	/	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	13.71	14.69	/	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	13.69	14.79	/	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	13.73	14.72	/	Pass

3.1.3 30k_SISO_20MHz_NTNV

5G NR n48 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	3624.99	Outer_Full	18.03	19.33	/	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	18.09	19.42	/	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	18.11	19.42	/	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	18.11	19.31	/	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	18.07	19.36	/	Pass
CP-OFDM QPSK	3624.99	Outer_Full	18.34	19.73	/	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	18.42	19.81	/	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	18.40	19.63	/	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	18.19	19.59	/	Pass

3.1.4 30k_SISO_40MHz_NTNV

5G NR n48 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	3624.99	Outer_Full	36.17	38.52	/	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	36.13	38.53	/	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	36.11	38.75	/	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	36.16	38.65	/	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	36.09	38.60	/	Pass
CP-OFDM QPSK	3624.99	Outer_Full	38.13	40.72	/	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	38.08	40.68	/	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	38.08	40.69	/	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	38.09	40.90	/	Pass

3.1.5 30k_SISO_50MHz_NTNV

5G NR n48 SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	45.90	49.31	/	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	45.99	49.32	/	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	46.04	49.04	/	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	46.16	49.31	/	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	46.01	49.08	/	Pass
CP-OFDM QPSK	3624.99	Outer_Full	47.55	50.88	/	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	47.65	51.01	/	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	48.05	51.03	/	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	47.83	51.05	/	Pass

3.1.6 30k_SISO_60MHz_NTNV

5G NR n48 SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	58.28	62.14	/	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	58.33	62.16	/	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	57.78	62.08	/	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	58.12	62.30	/	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	58.18	62.19	/	Pass
CP-OFDM QPSK	3624.99	Outer_Full	58.40	62.04	/	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	58.06	62.11	/	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	58.30	62.03	/	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	58.07	62.17	/	Pass

3.1.7 30k_SISO_80MHz_NTNV

5G NR n48 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	3624.99	Outer_Full	78.04	82.95	/	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	77.75	83.03	/	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	77.55	82.91	/	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	77.84	82.99	/	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	78.05	82.73	/	Pass
CP-OFDM QPSK	3624.99	Outer_Full	78.20	83.07	/	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	77.90	82.92	/	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	78.19	82.99	/	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	78.06	83.25	/	Pass

3.1.8 30k_SISO_90MHz_NTNV

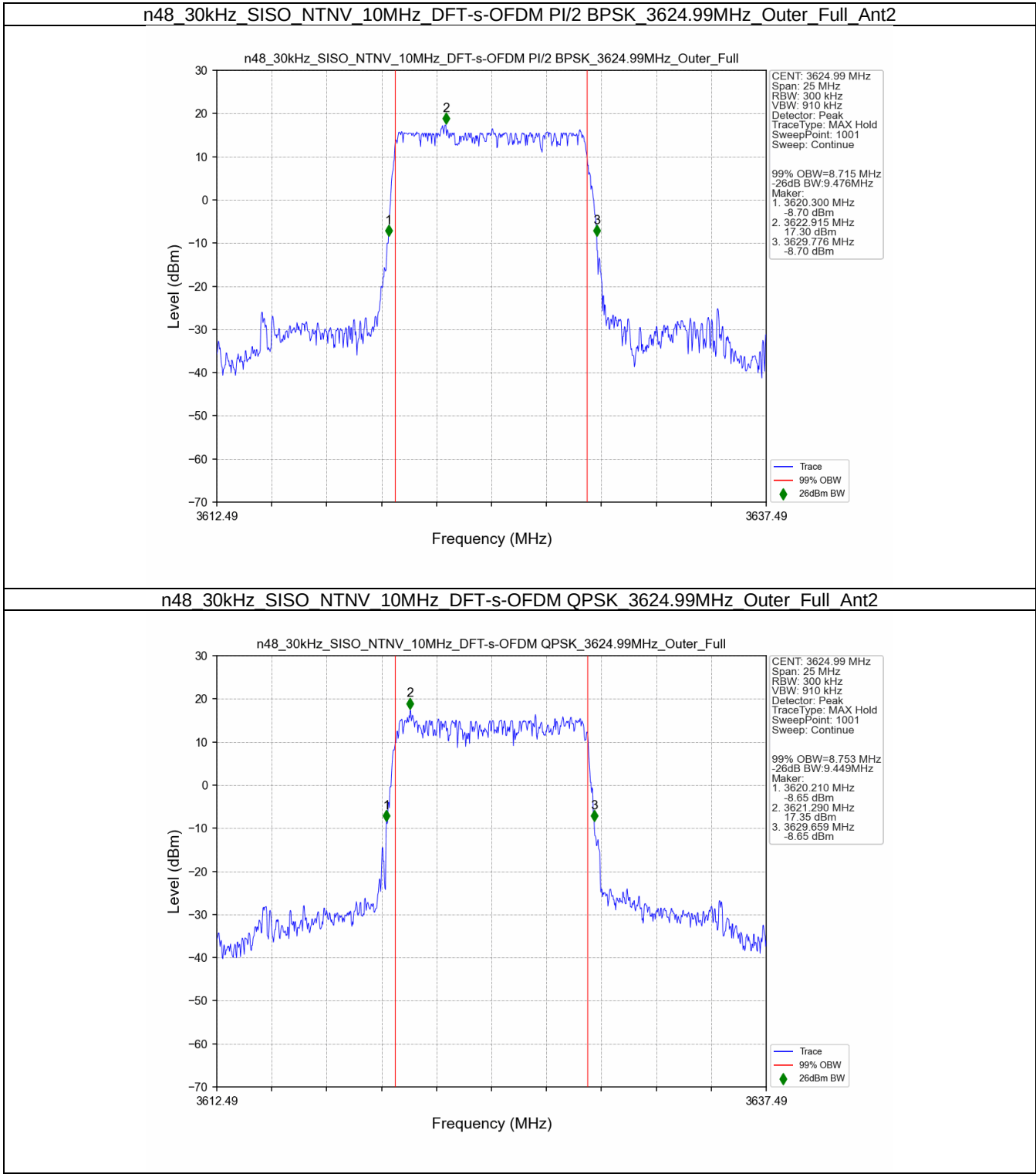
5G NR n48 SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	87.32	93.11	/	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	87.51	93.29	/	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	86.89	92.75	/	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	87.33	93.01	/	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	87.19	93.07	/	Pass
CP-OFDM QPSK	3624.99	Outer_Full	88.03	93.91	/	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	87.97	93.84	/	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	88.33	93.72	/	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	87.86	94.16	/	Pass

3.1.9 30k_SISO_100MHz_NTNV

5G NR n48 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	3624.99	Outer_Full	97.03	103.41	/	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	96.93	103.54	/	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	97.21	103.51	/	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	96.99	103.70	/	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	97.01	103.63	/	Pass
CP-OFDM QPSK	3624.99	Outer_Full	98.31	104.13	/	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	98.05	104.45	/	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	98.60	104.25	/	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	98.28	104.68	/	Pass

3.2 Test Graph

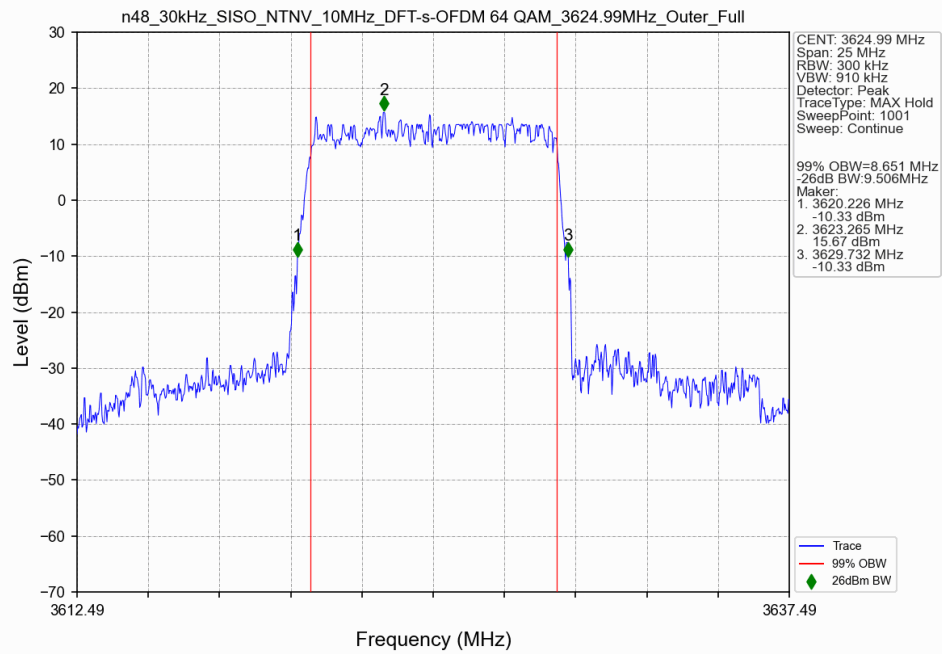
3.2.1 30k_SISO_10MHz_NTNV



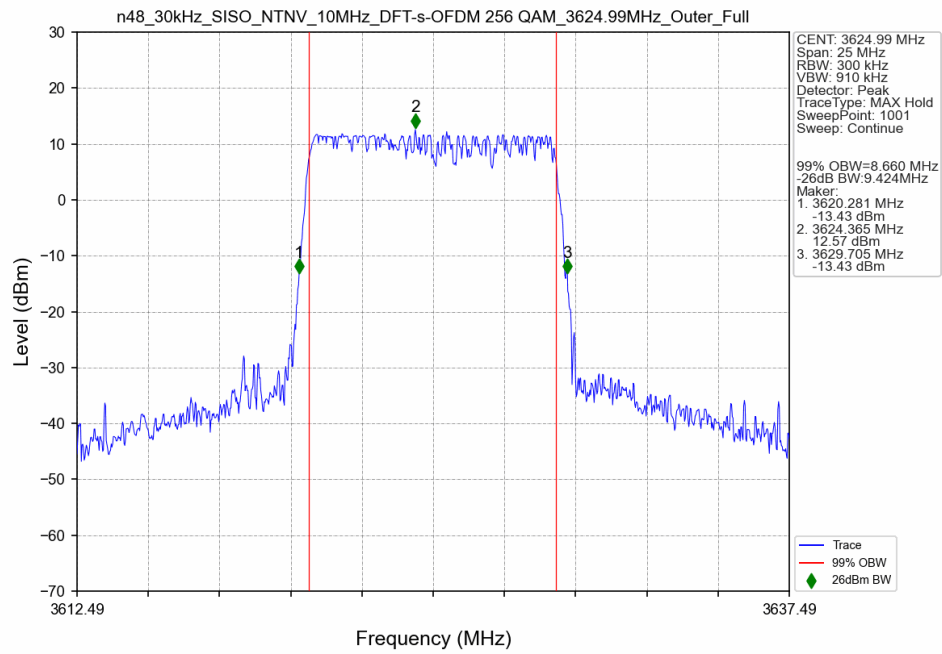
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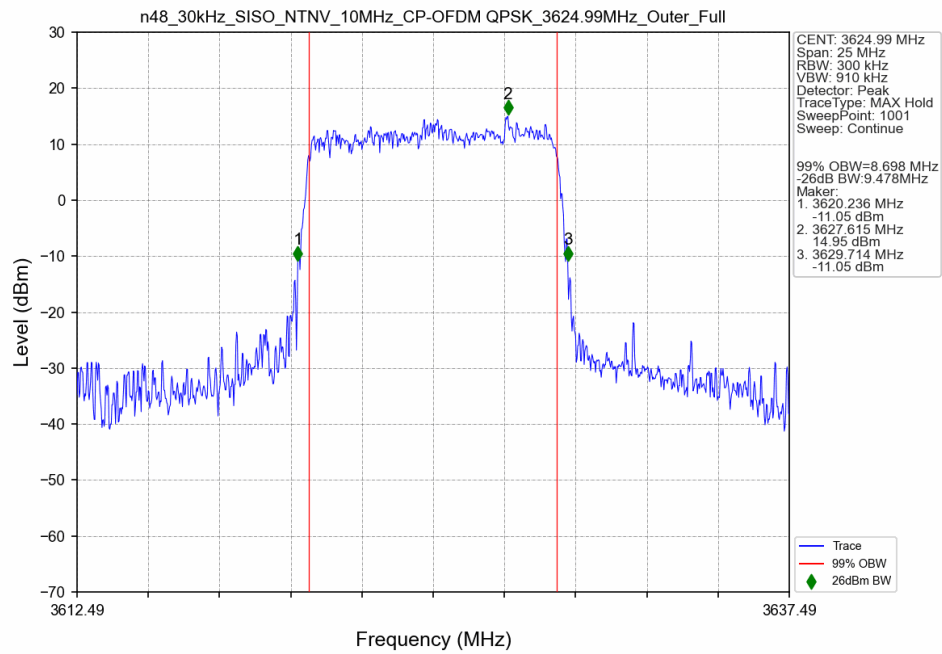
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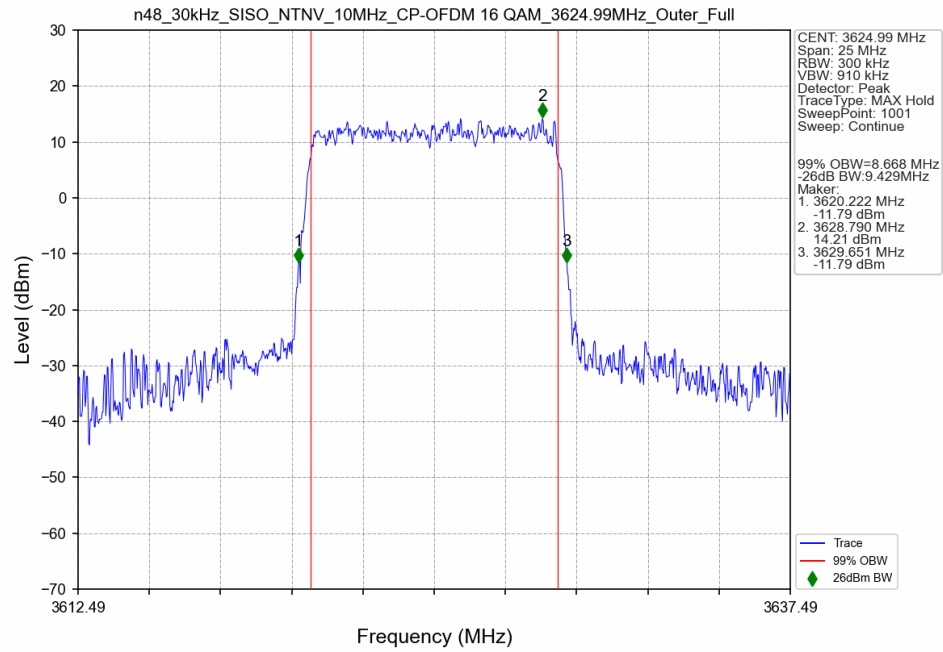
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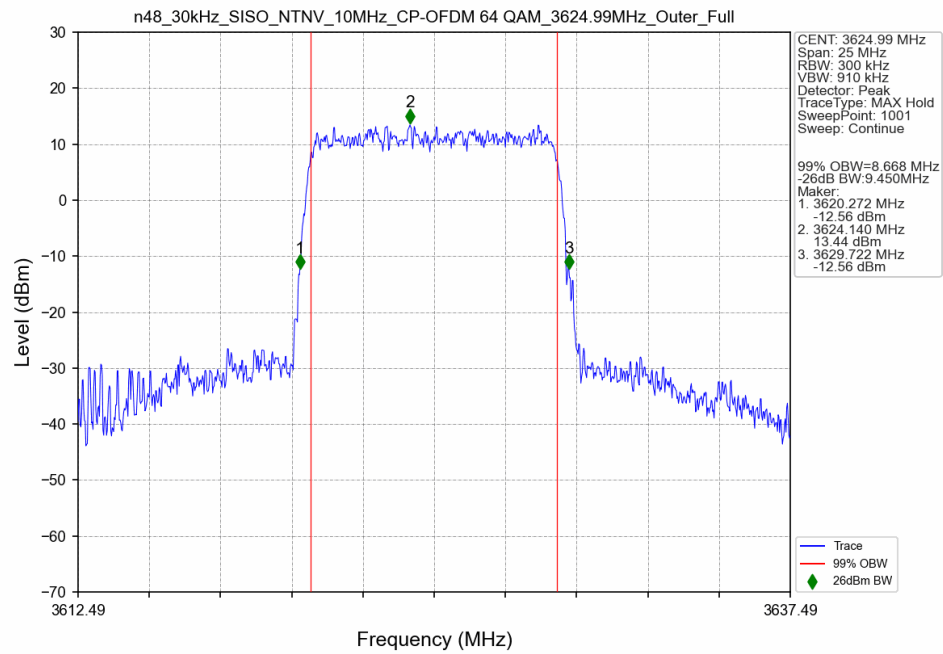
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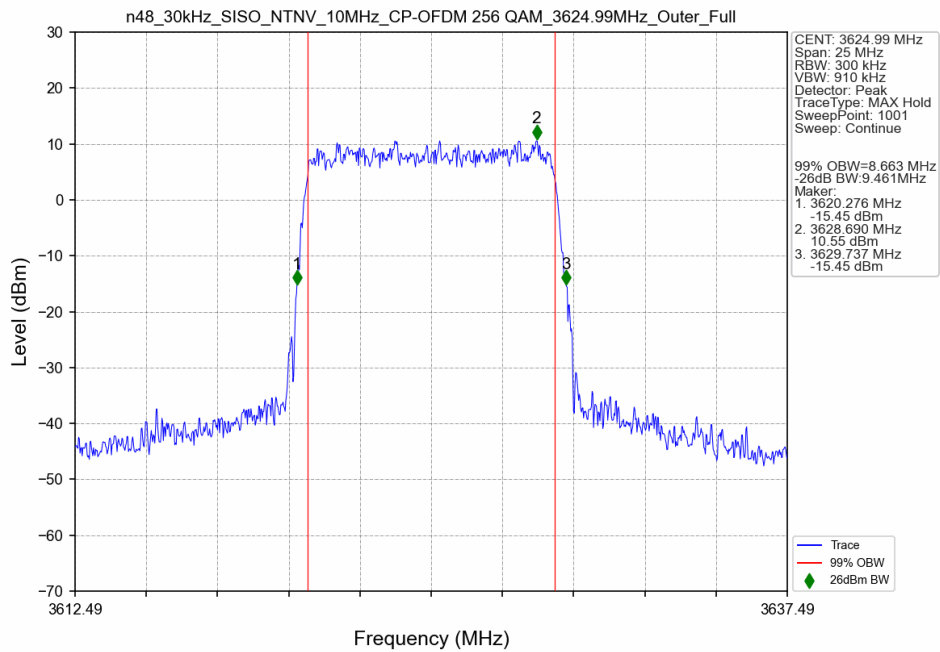


n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 3624.99MHz Outer Full Ant2

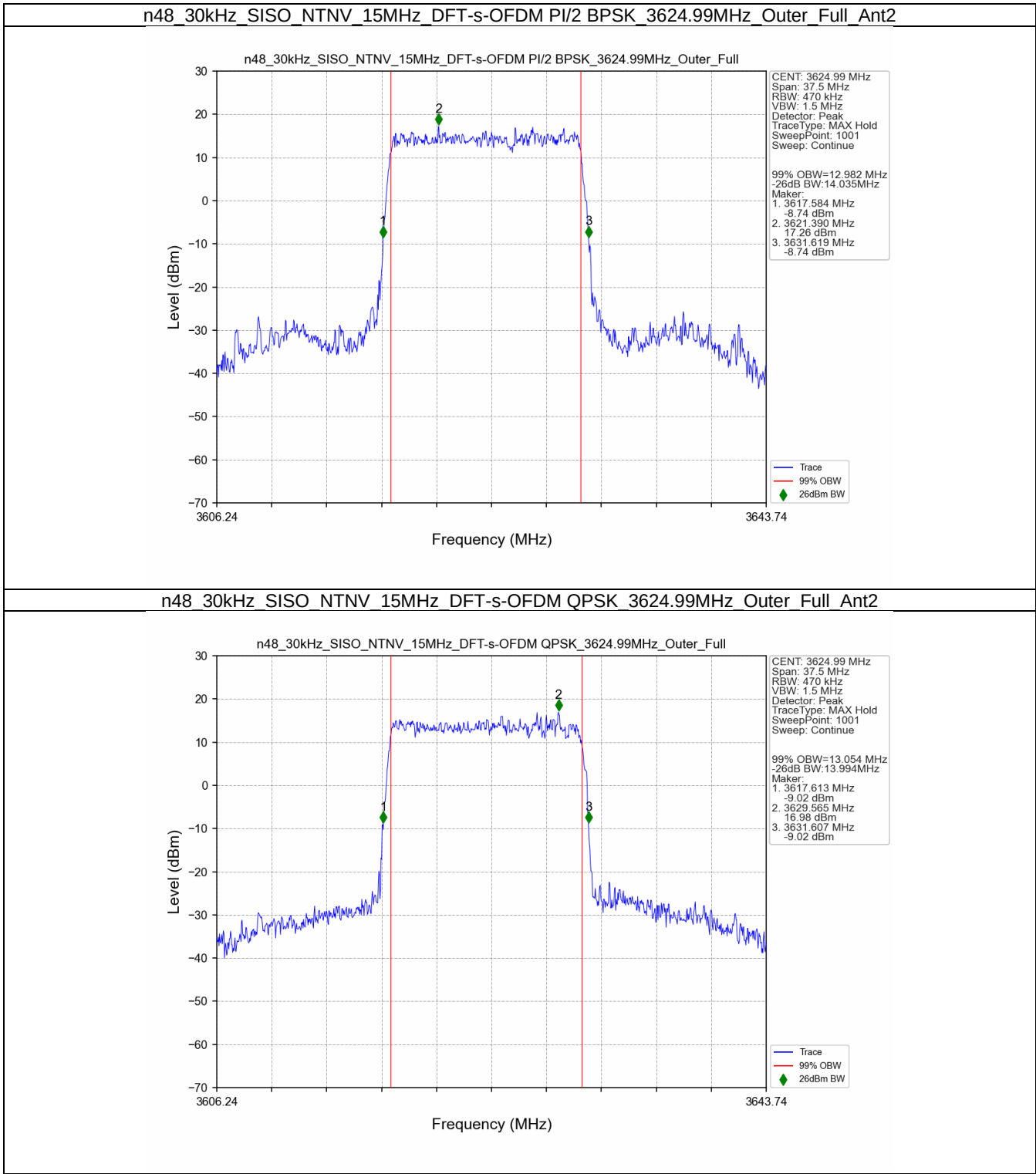


n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 3624.99MHz_Outer_Full Ant2

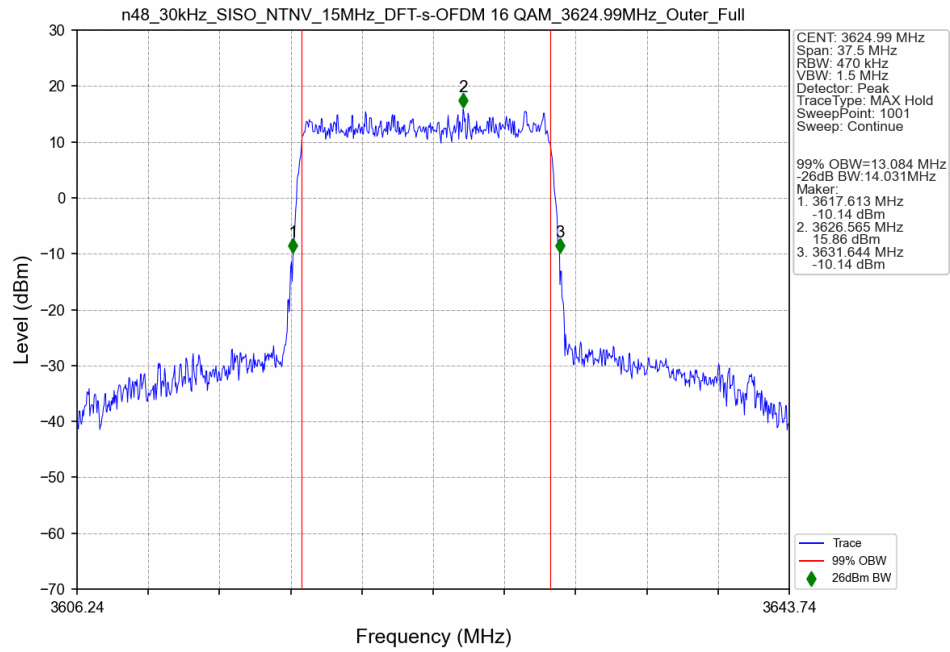




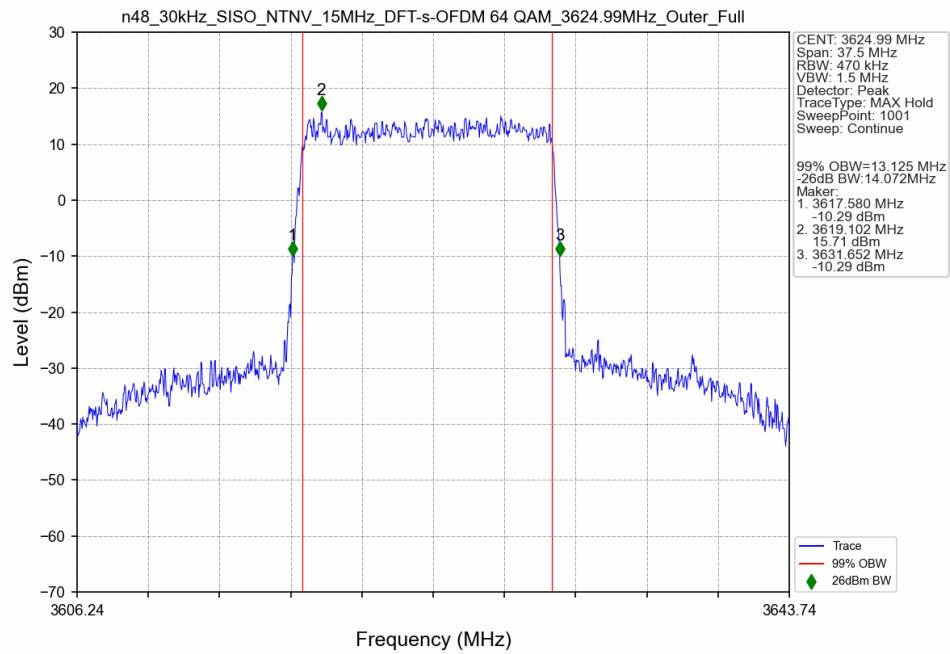
3.2.2 30k_SISO_15MHz_NTNV



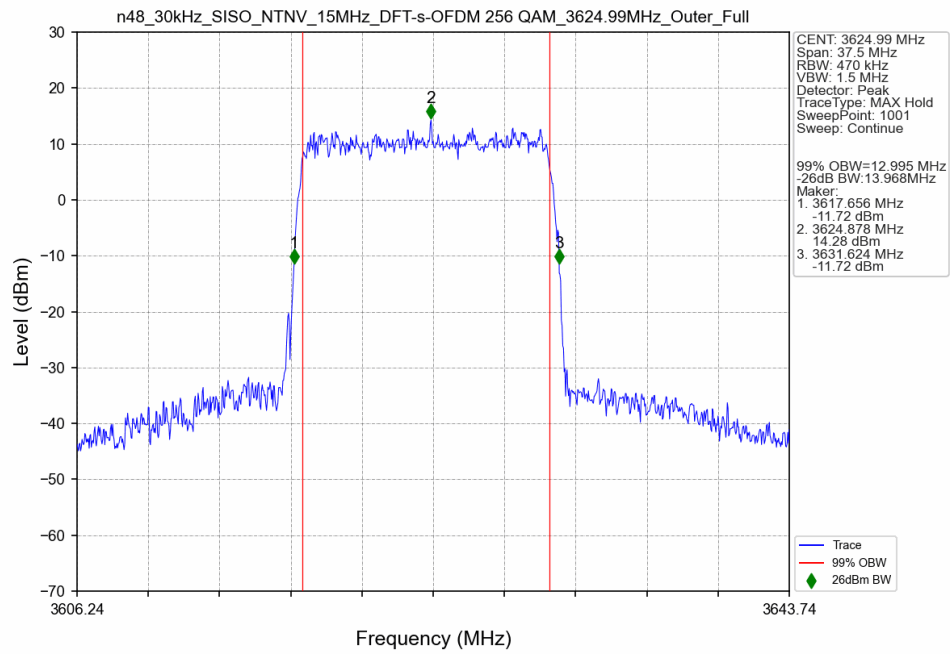
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3624.99MHz_Outer_Full_Ant2



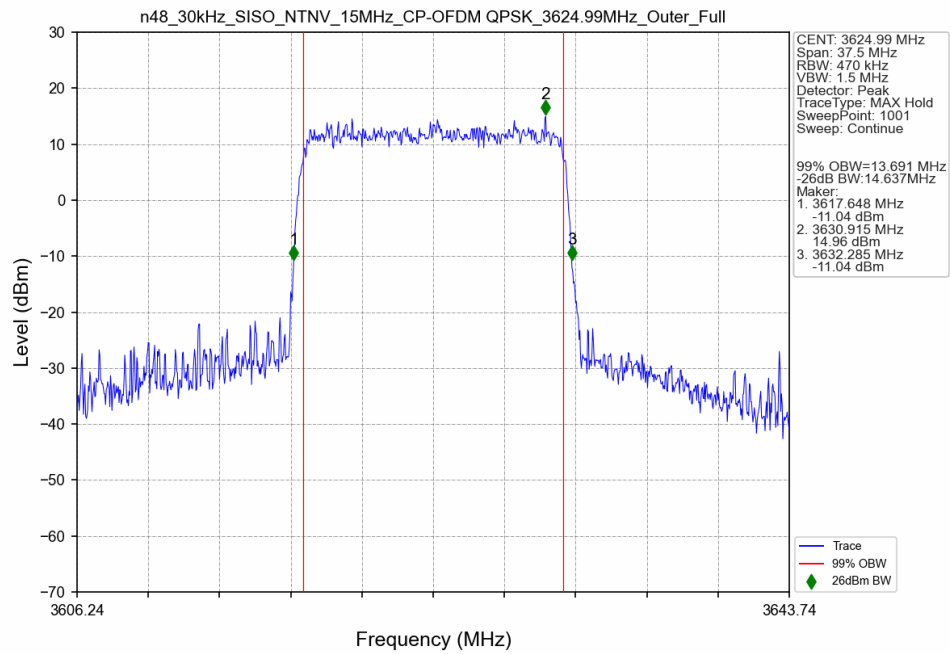
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_3624.99MHz_Outer_Full_Ant2



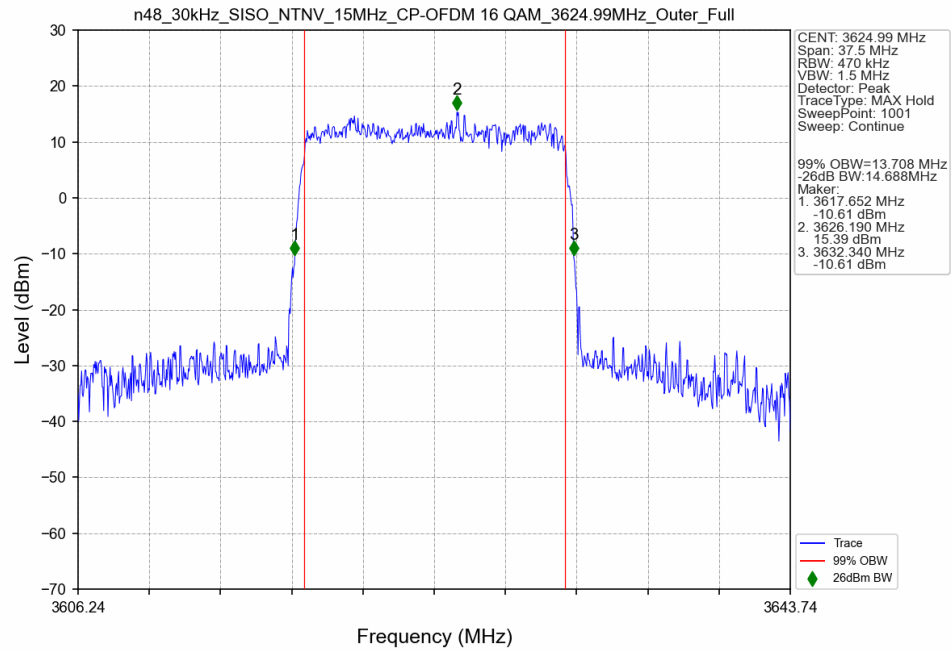
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_3624.99MHz_Outer_Full_Ant2



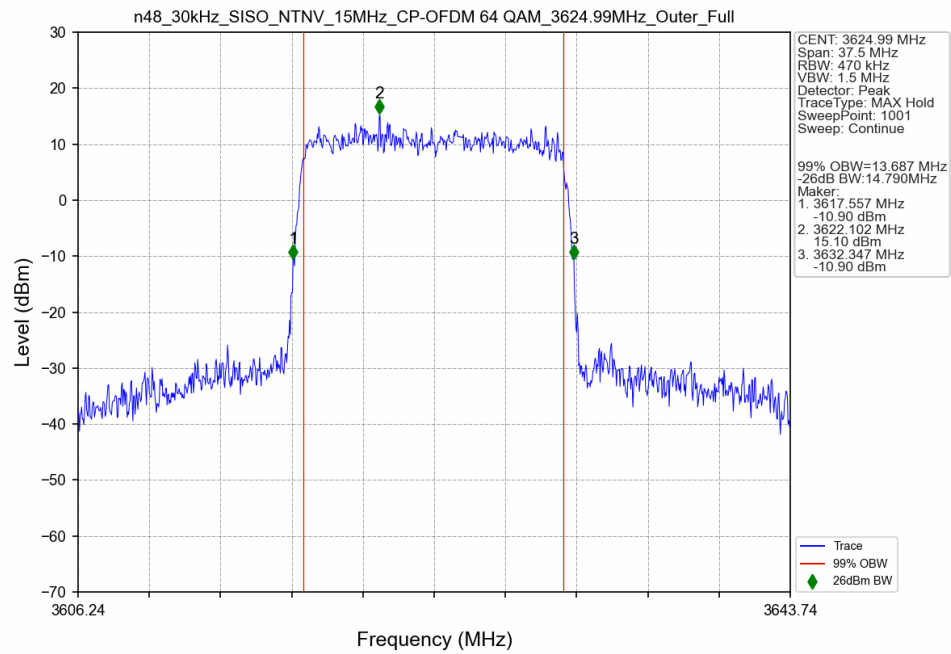
n48_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_3624.99MHz_Outer_Full_Ant2

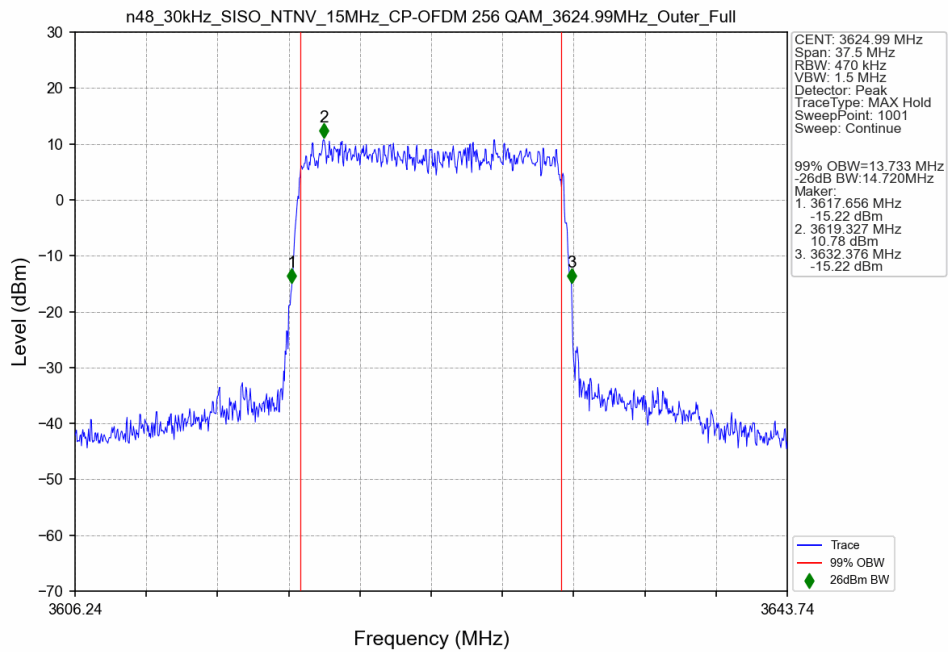


n48_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 3624.99MHz Outer Full Ant2

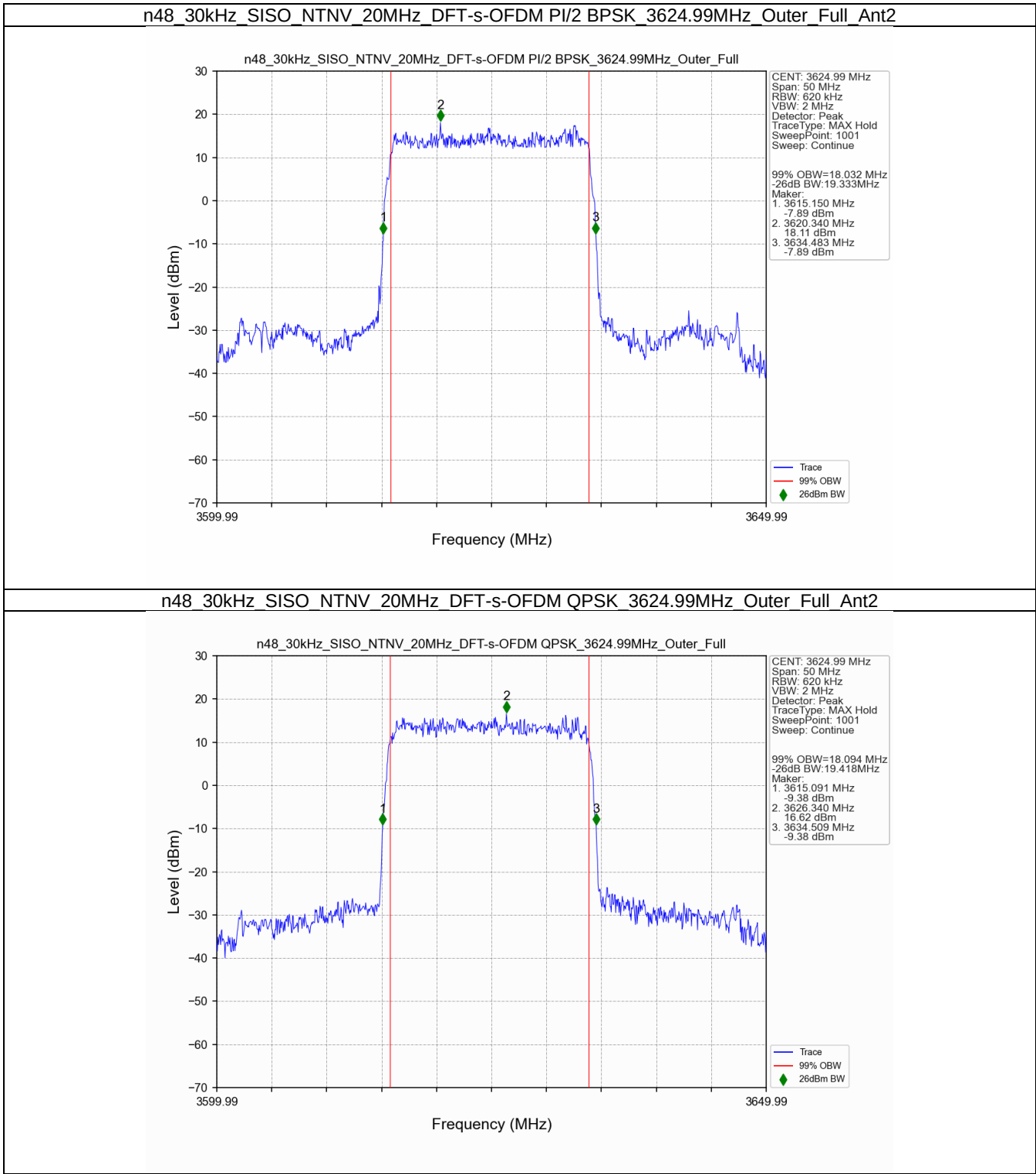


n48_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 3624.99MHz Outer Full Ant2

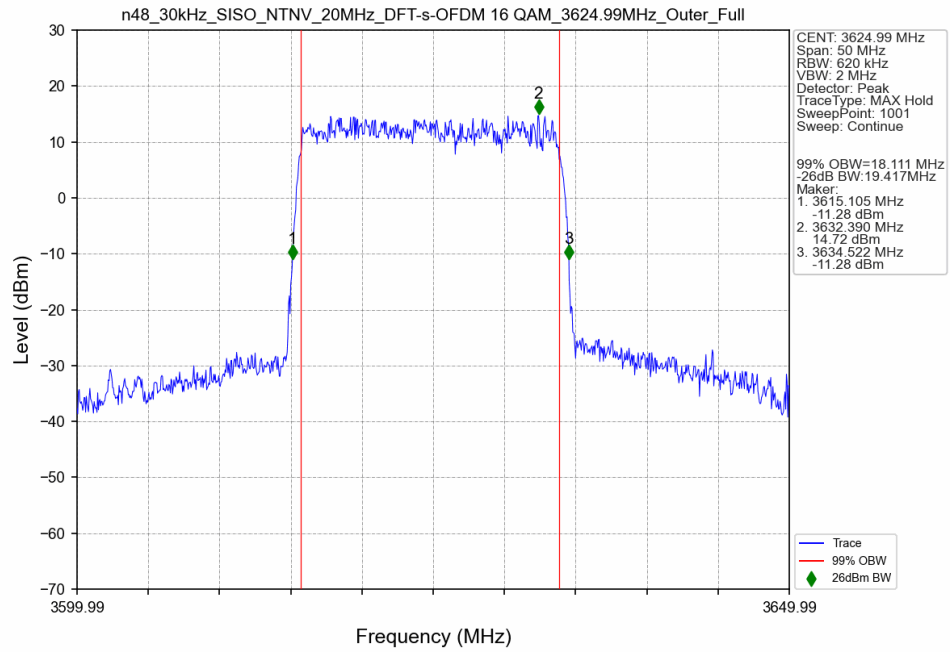




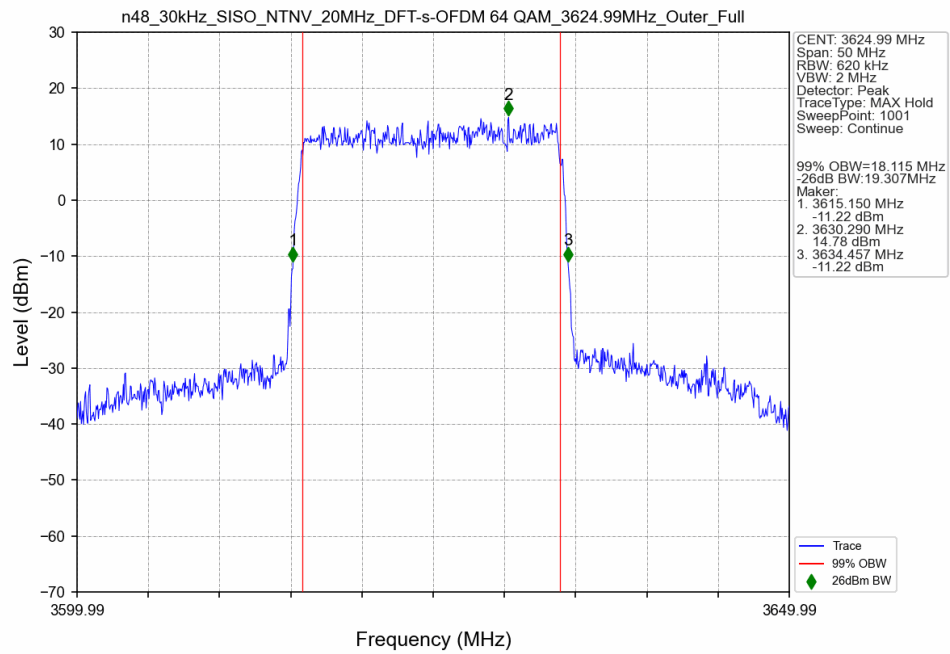
3.2.3 30k_SISO_20MHz_NTNV



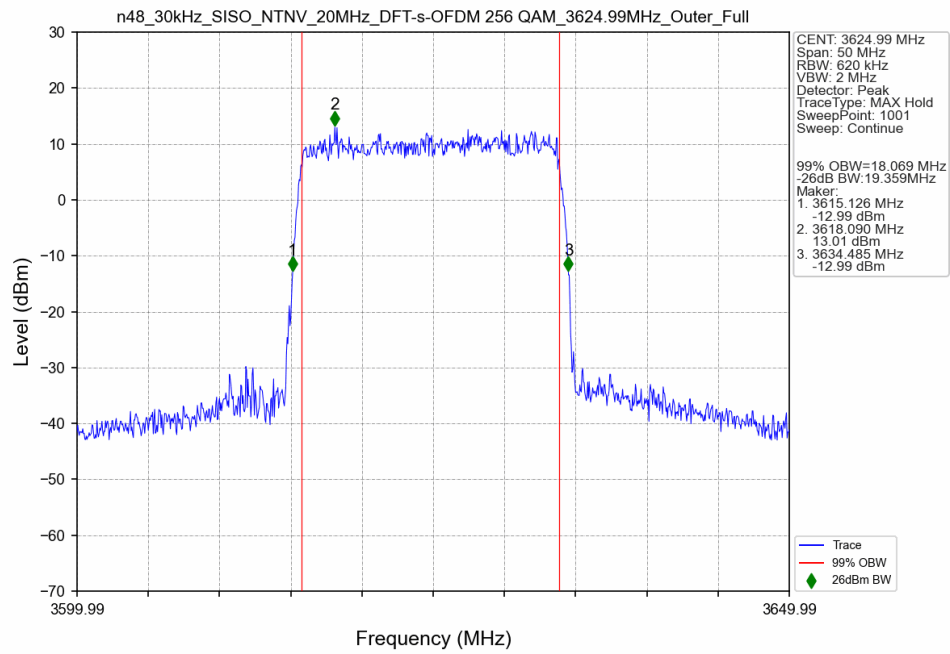
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM 3624.99MHz_Outer_Full Ant2



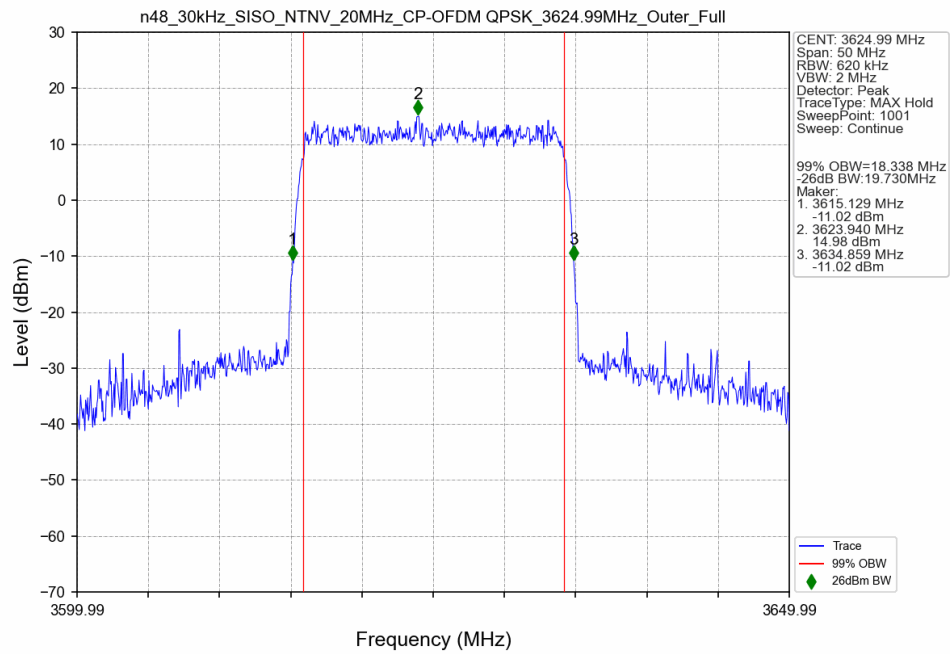
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM 3624.99MHz_Outer_Full Ant2



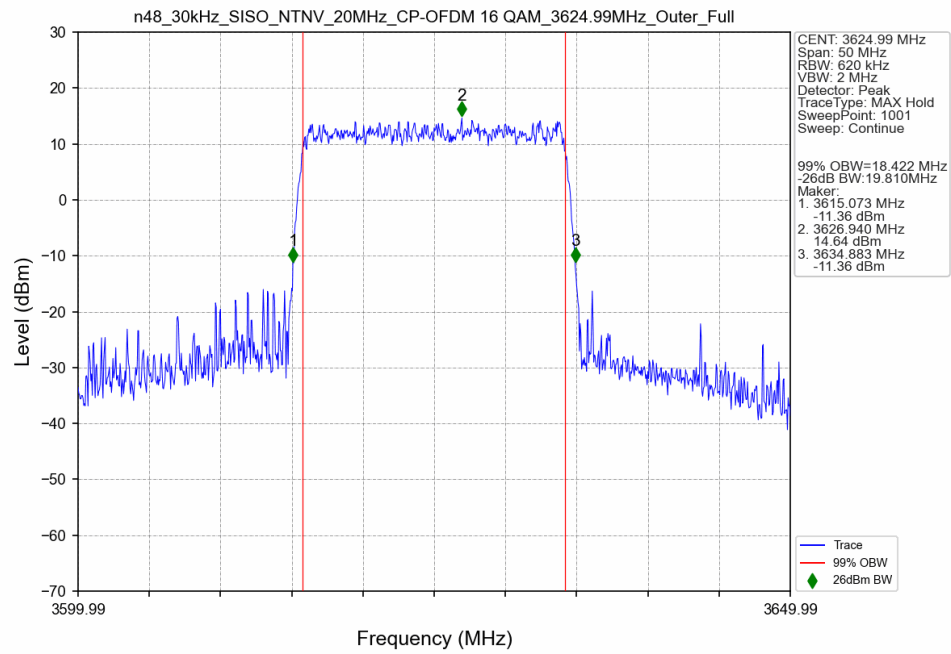
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3624.99MHz_Outer_Full_Ant2



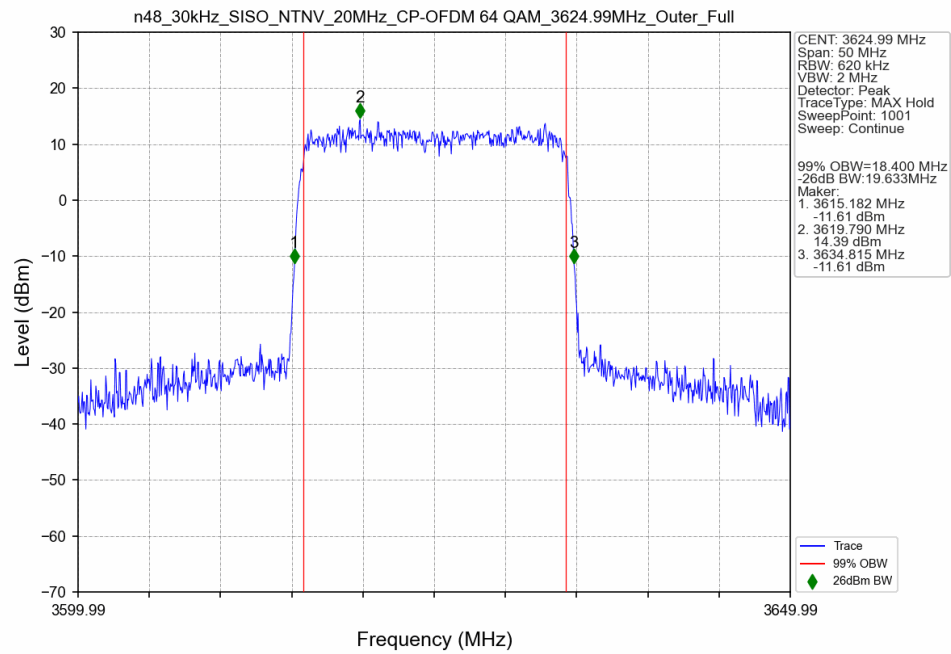
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3624.99MHz_Outer_Full_Ant2

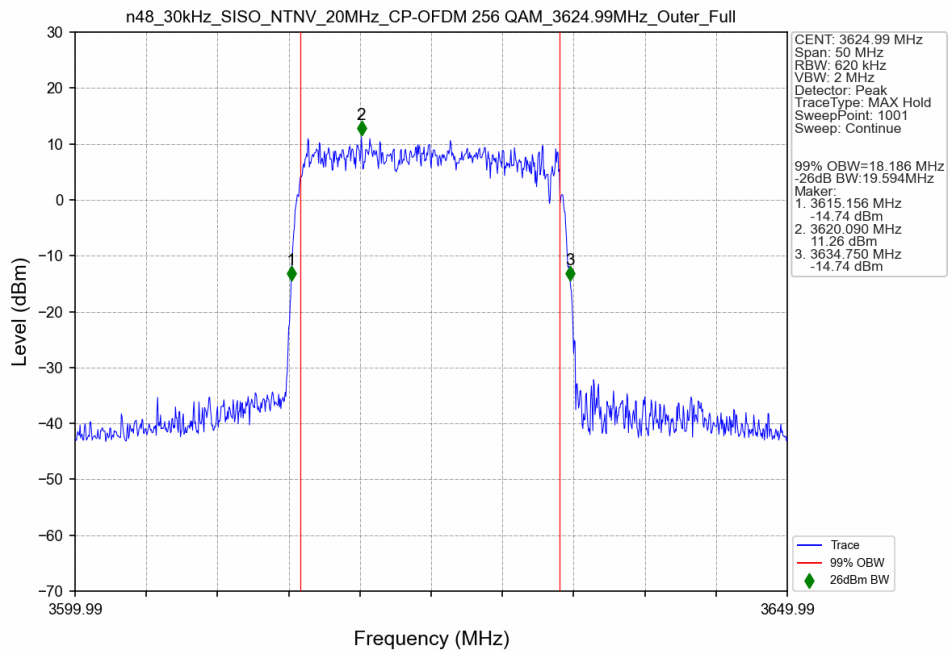


n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 3624.99MHz Outer Full Ant2

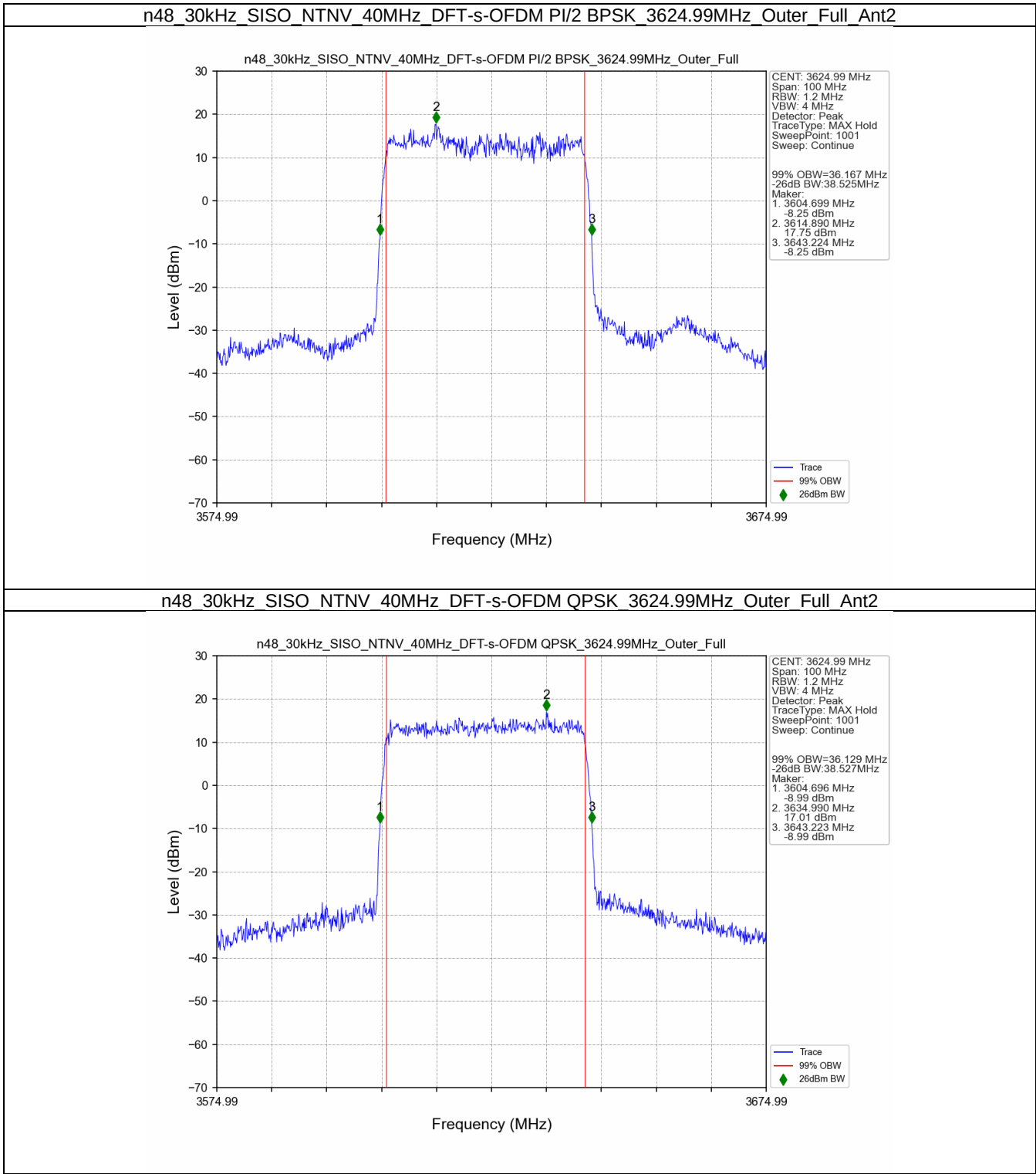


n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 3624.99MHz Outer Full Ant2

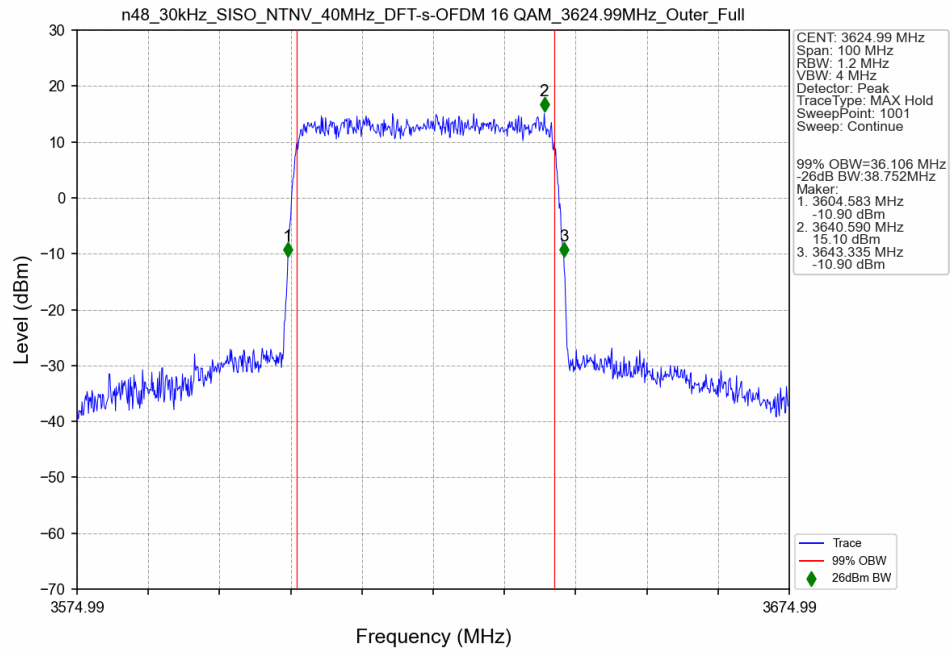




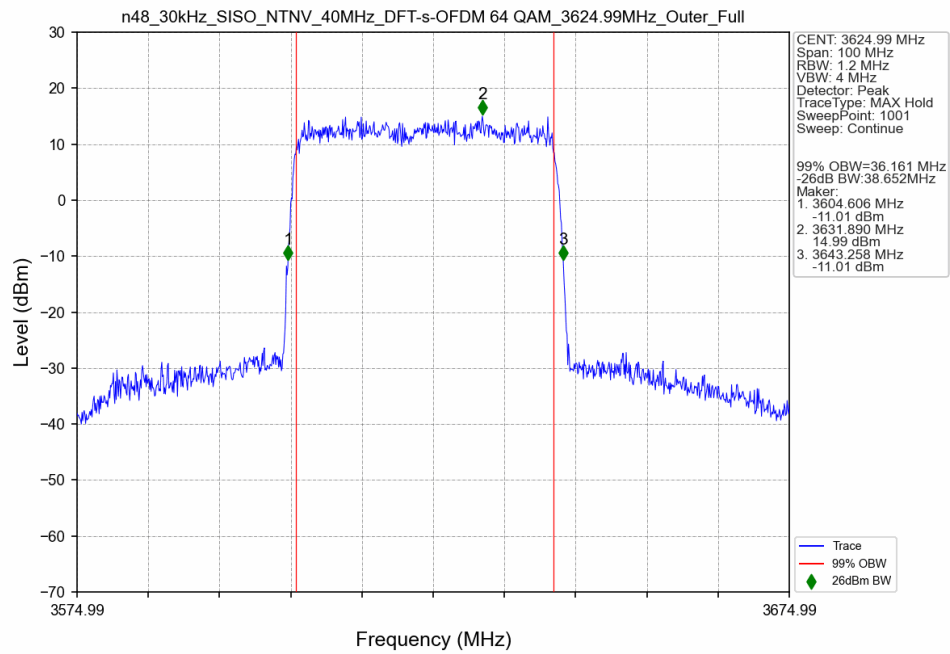
3.2.4 30k_SISO_40MHz_NTNV



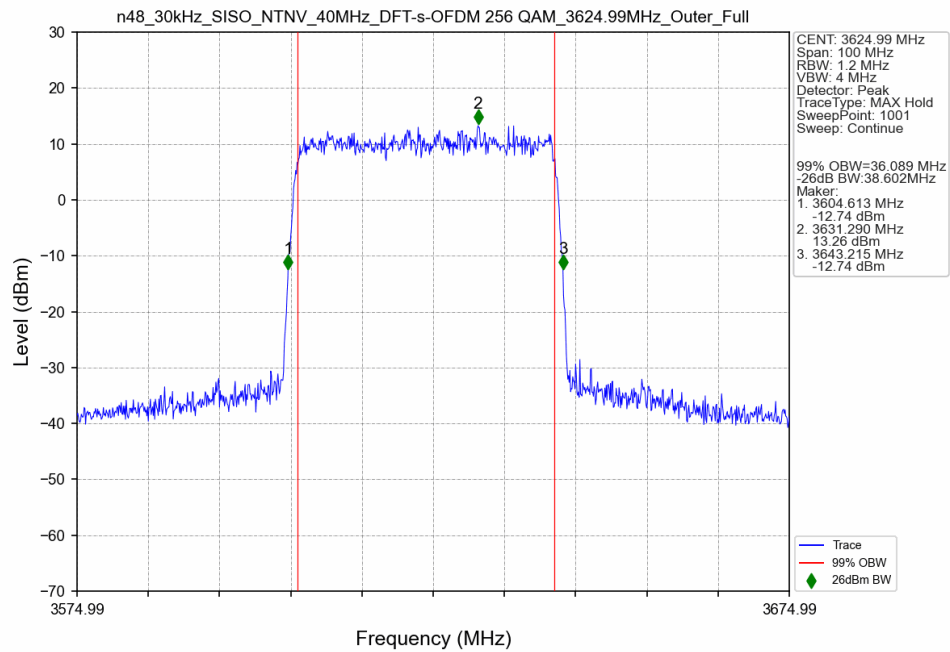
n48 30kHz SISO NTN 40MHz DFT-s-OFDM 16 QAM 3624.99MHz Outer Full Ant2



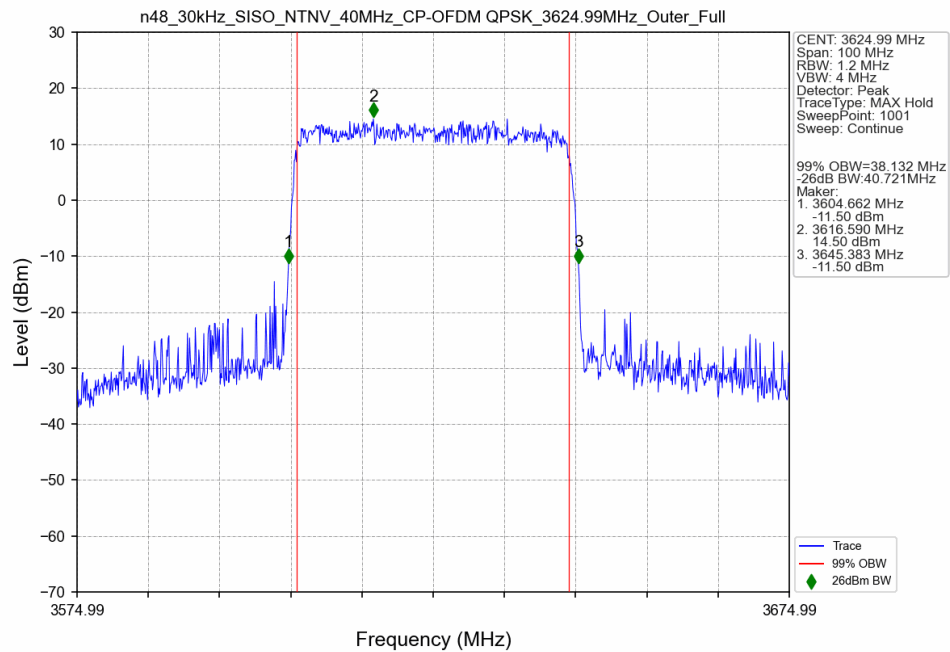
n48 30kHz SISO NTN 40MHz DFT-s-OFDM 64 QAM 3624.99MHz Outer Full Ant2



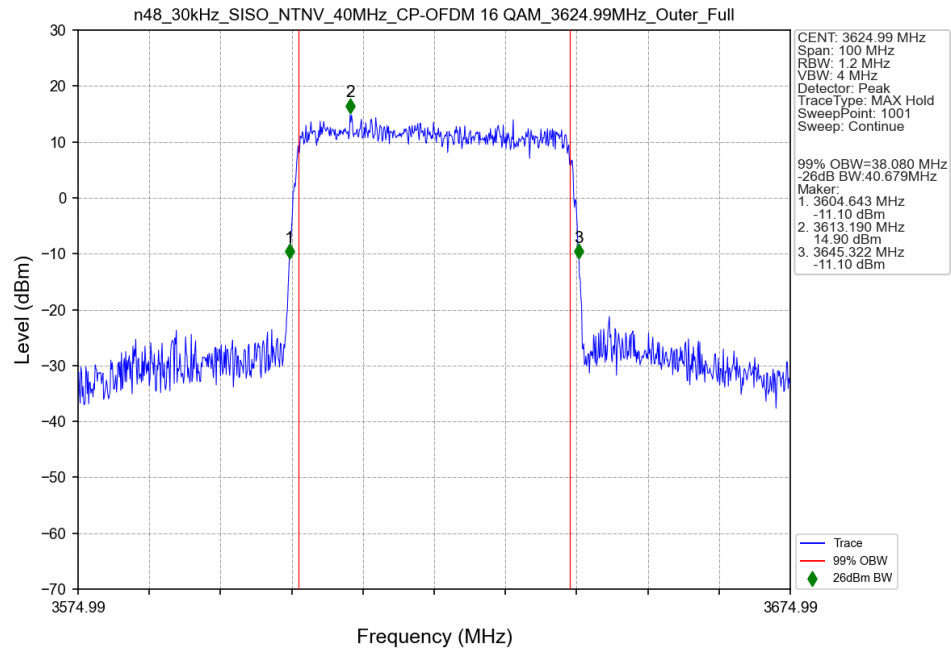
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_3624.99MHz_Outer_Full_Ant2



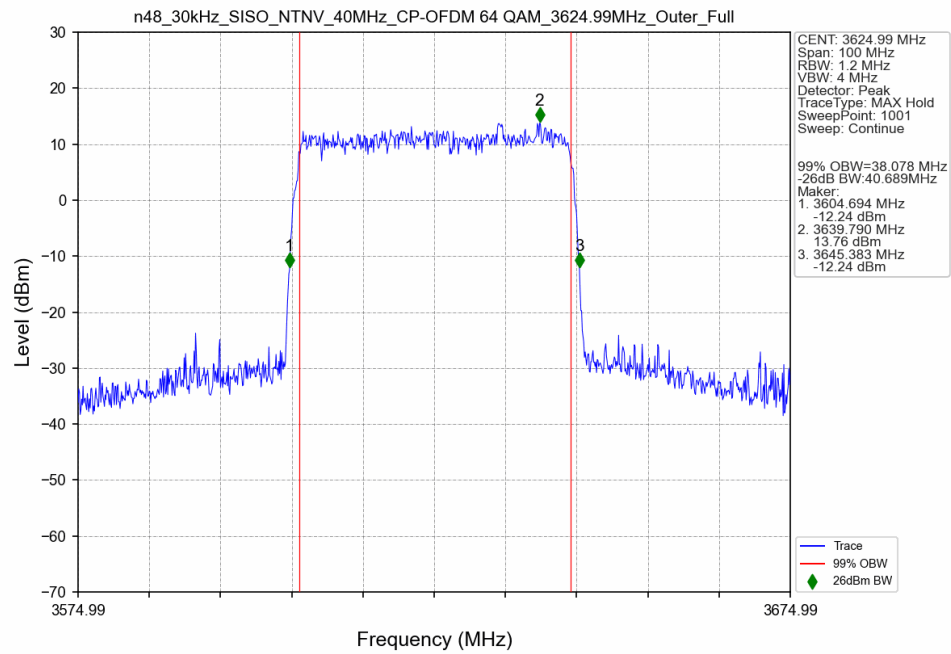
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3624.99MHz_Outer_Full_Ant2



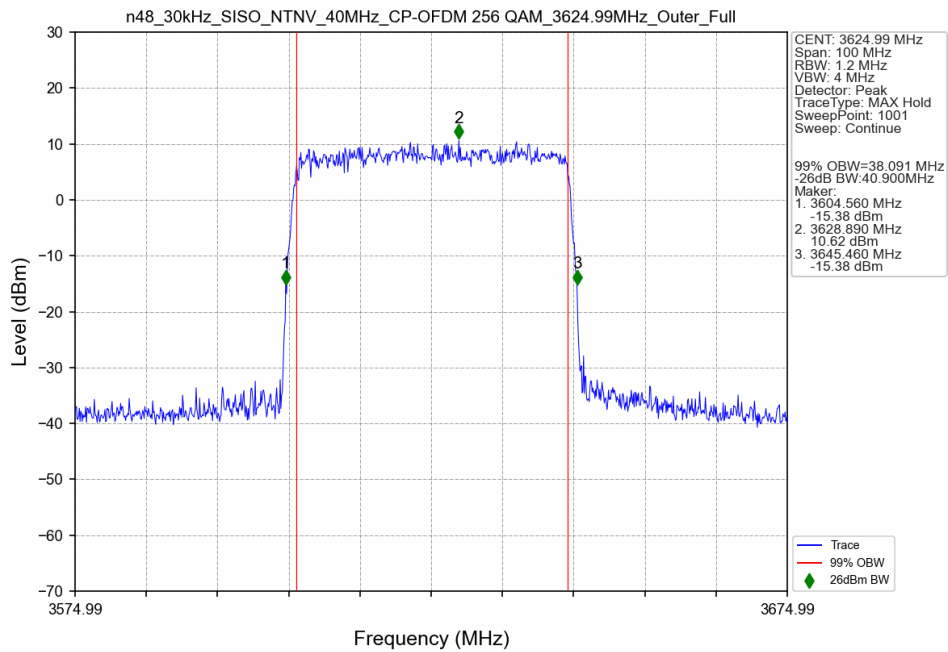
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM 3624.99MHz_Outer_Full_Ant2



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM 3624.99MHz_Outer_Full_Ant2



n48 30kHz SISO NTN 40MHz CP-OFDM 256 QAM 3624.99MHz Outer Full Ant2



3.2.5 30k_SISO_50MHz_NTNV

