

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_20MHz_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1RB_Left	22.47	/	/	21.77	/	/	/	Pass
		Edge_1RB_Right	22.80	/	/	22.10	/	/	/	Pass
		Outer_Full	22.68	/	/	21.98	/	/	/	Pass
		Inner_Full	22.49	/	/	21.79	/	/	/	Pass
		Inner_1RB_Left	22.41	/	/	21.71	/	/	/	Pass
		Inner_1RB_Right	22.84	/	/	22.14	/	/	/	Pass
	3624.99	Edge_1RB_Left	23.45	/	/	22.75	/	/	/	Pass
		Edge_1RB_Right	23.51	/	/	22.81	/	/	/	Pass
		Outer_Full	23.61	/	/	22.91	/	/	/	Pass
		Inner_Full	23.57	/	/	22.87	/	/	/	Pass
		Inner_1RB_Left	23.59	/	/	22.89	/	/	/	Pass
		Inner_1RB_Right	23.46	/	/	22.76	/	/	/	Pass
	3690	Edge_1RB_Left	23.46	/	/	22.76	/	/	/	Pass
		Edge_1RB_Right	23.43	/	/	22.73	/	/	/	Pass
		Outer_Full	23.53	/	/	22.83	/	/	/	Pass
		Inner_Full	23.38	/	/	22.68	/	/	/	Pass
		Inner_1RB_Left	23.53	/	/	22.83	/	/	/	Pass
		Inner_1RB_Right	23.51	/	/	22.81	/	/	/	Pass
DFT-s-OFDM QPSK	3560.01	Edge_1RB_Left	22.45	/	/	21.75	/	/	/	Pass
		Edge_1RB_Right	22.75	/	/	22.05	/	/	/	Pass
		Outer_Full	22.64	/	/	21.94	/	/	/	Pass
		Inner_Full	22.45	/	/	21.75	/	/	/	Pass
		Inner_1RB_Left	22.43	/	/	21.73	/	/	/	Pass
		Inner_1RB_Right	22.85	/	/	22.15	/	/	/	Pass
	3624.99	Edge_1RB_Left	23.50	/	/	22.80	/	/	/	Pass
		Edge_1RB_Right	23.40	/	/	22.70	/	/	/	Pass
		Outer_Full	23.69	/	/	22.99	/	/	/	Pass
		Inner_Full	23.59	/	/	22.89	/	/	/	Pass
		Inner_1RB_Left	23.37	/	/	22.67	/	/	/	Pass
		Inner_1RB_Right	23.45	/	/	22.75	/	/	/	Pass
	3690	Edge_1RB_Left	23.46	/	/	22.76	/	/	/	Pass
		Edge_1RB_Right	23.46	/	/	22.76	/	/	/	Pass
		Outer_Full	23.46	/	/	22.76	/	/	/	Pass
		Inner_Full	23.31	/	/	22.61	/	/	/	Pass
		Inner_1RB_Left	23.48	/	/	22.78	/	/	/	Pass
		Inner_1RB_Right	23.43	/	/	22.73	/	/	/	Pass
DFT-s-OFDM 16 QAM	3560.01	Edge_1RB_Left	21.31	/	/	20.61	/	/	/	Pass
		Edge_1RB_Right	21.70	/	/	21.00	/	/	/	Pass
		Outer_Full	21.56	/	/	20.86	/	/	/	Pass
		Inner_Full	22.61	/	/	21.91	/	/	/	Pass
		Inner_1RB_Left	22.20	/	/	21.50	/	/	/	Pass
		Inner_1RB_Right	22.57	/	/	21.87	/	/	/	Pass
	3624.99	Edge_1RB_Left	22.50	/	/	21.80	/	/	/	Pass
		Edge_1RB_Right	22.32	/	/	21.62	/	/	/	Pass
		Outer_Full	22.59	/	/	21.89	/	/	/	Pass
		Inner_Full	23.64	/	/	22.94	/	/	/	Pass
		Inner_1RB_Left	23.45	/	/	22.75	/	/	/	Pass
		Inner_1RB_Right	23.28	/	/	22.58	/	/	/	Pass
	3690	Edge_1RB_Left	22.33	/	/	21.63	/	/	/	Pass

		Edge 1RB Right	22.36	/	/	21.66	/	/	/	Pass
		Outer Full	22.41	/	/	21.71	/	/	/	Pass
		Inner Full	23.37	/	/	22.67	/	/	/	Pass
		Inner 1RB Left	23.24	/	/	22.54	/	/	/	Pass
		Inner 1RB Right	23.26	/	/	22.56	/	/	/	Pass
DFT-s-OFDM 64 QAM	3560.01	Edge 1RB Left	20.93	/	/	20.23	/	/	/	Pass
		Edge 1RB Right	21.34	/	/	20.64	/	/	/	Pass
		Outer Full	21.08	/	/	20.38	/	/	/	Pass
		Inner Full	20.98	/	/	20.28	/	/	/	Pass
		Inner 1RB Left	21.02	/	/	20.32	/	/	/	Pass
		Inner 1RB Right	21.40	/	/	20.70	/	/	/	Pass
	3624.99	Edge 1RB Left	22.27	/	/	21.57	/	/	/	Pass
		Edge 1RB Right	22.10	/	/	21.40	/	/	/	Pass
		Outer Full	22.09	/	/	21.39	/	/	/	Pass
		Inner Full	22.23	/	/	21.53	/	/	/	Pass
		Inner 1RB Left	22.26	/	/	21.56	/	/	/	Pass
		Inner 1RB Right	22.04	/	/	21.34	/	/	/	Pass
	3690	Edge 1RB Left	22.03	/	/	21.33	/	/	/	Pass
		Edge 1RB Right	22.06	/	/	21.36	/	/	/	Pass
		Outer Full	21.87	/	/	21.17	/	/	/	Pass
		Inner Full	21.73	/	/	21.03	/	/	/	Pass
		Inner 1RB Left	21.89	/	/	21.19	/	/	/	Pass
		Inner 1RB Right	21.96	/	/	21.26	/	/	/	Pass
DFT-s-OFDM 256 QAM	3560.01	Edge 1RB Left	19.21	/	/	18.51	/	/	/	Pass
		Edge 1RB Right	19.45	/	/	18.75	/	/	/	Pass
		Outer Full	19.29	/	/	18.59	/	/	/	Pass
		Inner Full	19.06	/	/	18.36	/	/	/	Pass
		Inner 1RB Left	19.14	/	/	18.44	/	/	/	Pass
		Inner 1RB Right	19.45	/	/	18.75	/	/	/	Pass
	3624.99	Edge 1RB Left	20.15	/	/	19.45	/	/	/	Pass
		Edge 1RB Right	20.05	/	/	19.35	/	/	/	Pass
		Outer Full	20.20	/	/	19.50	/	/	/	Pass
		Inner Full	20.32	/	/	19.62	/	/	/	Pass
		Inner 1RB Left	20.29	/	/	19.59	/	/	/	Pass
		Inner 1RB Right	20.09	/	/	19.39	/	/	/	Pass
	3690	Edge 1RB Left	20.02	/	/	19.32	/	/	/	Pass
		Edge 1RB Right	20.05	/	/	19.35	/	/	/	Pass
		Outer Full	19.76	/	/	19.06	/	/	/	Pass
		Inner Full	19.94	/	/	19.24	/	/	/	Pass
		Inner 1RB Left	20.04	/	/	19.34	/	/	/	Pass
		Inner 1RB Right	19.97	/	/	19.27	/	/	/	Pass
CP-OFDM QPSK	3560.01	Edge 1RB Left	20.62	/	/	19.92	/	/	/	Pass
		Edge 1RB Right	21.09	/	/	20.39	/	/	/	Pass
		Outer Full	20.66	/	/	19.96	/	/	/	Pass
		Inner Full	22.20	/	/	21.50	/	/	/	Pass
		Inner 1RB Left	22.10	/	/	21.40	/	/	/	Pass
		Inner 1RB Right	22.52	/	/	21.82	/	/	/	Pass
	3624.99	Edge 1RB Left	21.78	/	/	21.08	/	/	/	Pass
		Edge 1RB Right	21.61	/	/	20.91	/	/	/	Pass
		Outer Full	21.82	/	/	21.12	/	/	/	Pass
		Inner Full	23.13	/	/	22.43	/	/	/	Pass
		Inner 1RB Left	23.25	/	/	22.55	/	/	/	Pass
		Inner 1RB Right	23.15	/	/	22.45	/	/	/	Pass
	3690	Edge 1RB Left	21.56	/	/	20.86	/	/	/	Pass
		Edge 1RB Right	21.61	/	/	20.91	/	/	/	Pass
		Outer Full	21.40	/	/	20.70	/	/	/	Pass
		Inner Full	22.80	/	/	22.10	/	/	/	Pass
		Inner 1RB Left	23.02	/	/	22.32	/	/	/	Pass
		Inner 1RB Right	23.03	/	/	22.33	/	/	/	Pass

CP-OFDM 16 QAM	3560.01	Edge_1RB_Left	20.56	/	/	19.86	/	/	/	Pass
		Edge_1RB_Right	20.91	/	/	20.21	/	/	/	Pass
		Outer_Full	20.76	/	/	20.06	/	/	/	Pass
		Inner_Full	21.63	/	/	20.93	/	/	/	Pass
		Inner_1RB_Left	21.45	/	/	20.75	/	/	/	Pass
		Inner_1RB_Right	21.87	/	/	21.17	/	/	/	Pass
	3624.99	Edge_1RB_Left	21.56	/	/	20.86	/	/	/	Pass
		Edge_1RB_Right	21.43	/	/	20.73	/	/	/	Pass
		Outer_Full	21.68	/	/	20.98	/	/	/	Pass
		Inner_Full	22.54	/	/	21.84	/	/	/	Pass
		Inner_1RB_Left	22.55	/	/	21.85	/	/	/	Pass
		Inner_1RB_Right	22.36	/	/	21.66	/	/	/	Pass
	3690	Edge_1RB_Left	21.43	/	/	20.73	/	/	/	Pass
		Edge_1RB_Right	21.37	/	/	20.67	/	/	/	Pass
		Outer_Full	21.38	/	/	20.68	/	/	/	Pass
		Inner_Full	22.33	/	/	21.63	/	/	/	Pass
		Inner_1RB_Left	22.45	/	/	21.75	/	/	/	Pass
		Inner_1RB_Right	22.37	/	/	21.67	/	/	/	Pass
CP-OFDM 64 QAM	3560.01	Edge_1RB_Left	20.09	/	/	19.39	/	/	/	Pass
		Edge_1RB_Right	20.53	/	/	19.83	/	/	/	Pass
		Outer_Full	20.19	/	/	19.49	/	/	/	Pass
		Inner_Full	20.04	/	/	19.34	/	/	/	Pass
		Inner_1RB_Left	20.25	/	/	19.55	/	/	/	Pass
		Inner_1RB_Right	20.62	/	/	19.92	/	/	/	Pass
	3624.99	Edge_1RB_Left	21.17	/	/	20.47	/	/	/	Pass
		Edge_1RB_Right	21.04	/	/	20.34	/	/	/	Pass
		Outer_Full	21.04	/	/	20.34	/	/	/	Pass
		Inner_Full	21.11	/	/	20.41	/	/	/	Pass
		Inner_1RB_Left	21.21	/	/	20.51	/	/	/	Pass
		Inner_1RB_Right	21.21	/	/	20.51	/	/	/	Pass
	3690	Edge_1RB_Left	20.99	/	/	20.29	/	/	/	Pass
		Edge_1RB_Right	21.00	/	/	20.30	/	/	/	Pass
		Outer_Full	20.75	/	/	20.05	/	/	/	Pass
		Inner_Full	20.72	/	/	20.02	/	/	/	Pass
		Inner_1RB_Left	21.01	/	/	20.31	/	/	/	Pass
		Inner_1RB_Right	21.04	/	/	20.34	/	/	/	Pass
CP-OFDM 256 QAM	3560.01	Edge_1RB_Left	10.11	/	/	9.41	/	/	/	Pass
		Edge_1RB_Right	17.48	/	/	16.78	/	/	/	Pass
		Outer_Full	17.10	/	/	16.40	/	/	/	Pass
		Inner_Full	17.23	/	/	16.53	/	/	/	Pass
		Inner_1RB_Left	17.10	/	/	16.40	/	/	/	Pass
		Inner_1RB_Right	17.54	/	/	16.84	/	/	/	Pass
	3624.99	Edge_1RB_Left	18.14	/	/	17.44	/	/	/	Pass
		Edge_1RB_Right	18.05	/	/	17.35	/	/	/	Pass
		Outer_Full	18.11	/	/	17.41	/	/	/	Pass
		Inner_Full	18.24	/	/	17.54	/	/	/	Pass
		Inner_1RB_Left	18.15	/	/	17.45	/	/	/	Pass
		Inner_1RB_Right	18.04	/	/	17.34	/	/	/	Pass
	3690	Edge_1RB_Left	18.01	/	/	17.31	/	/	/	Pass
		Edge_1RB_Right	17.94	/	/	17.24	/	/	/	Pass
		Outer_Full	17.89	/	/	17.19	/	/	/	Pass
		Inner_Full	17.73	/	/	17.03	/	/	/	Pass
		Inner_1RB_Left	18.17	/	/	17.47	/	/	/	Pass
		Inner_1RB_Right	17.99	/	/	17.29	/	/	/	Pass
Note1: Antenna Gain: Ant3: -0.70dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_20MHz_NTNV_EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1RB_Left	23.23	/	/	22.53	/	/	<=23	Pass
		Edge_1RB_Right	22.38	/	/	21.68	/	/	<=23	Pass
		Outer_Full	20.87	/	/	20.17	/	/	<=23	Pass
		Inner_Full	22.61	/	/	21.91	/	/	<=23	Pass
		Inner_1RB_Left	22.27	/	/	21.57	/	/	<=23	Pass
		Inner_1RB_Right	22.57	/	/	21.87	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	23.08	/	/	22.38	/	/	<=23	Pass
		Edge_1RB_Right	22.76	/	/	22.06	/	/	<=23	Pass
		Outer_Full	21.05	/	/	20.35	/	/	<=23	Pass
		Inner_Full	22.85	/	/	22.15	/	/	<=23	Pass
		Inner_1RB_Left	23.07	/	/	22.37	/	/	<=23	Pass
		Inner_1RB_Right	23.47	/	/	22.77	/	/	<=23	Pass
	3690	Edge_1RB_Left	23.52	/	/	22.82	/	/	<=23	Pass
		Edge_1RB_Right	23.37	/	/	22.67	/	/	<=23	Pass
		Outer_Full	22.30	/	/	21.60	/	/	<=23	Pass
		Inner_Full	23.45	/	/	22.75	/	/	<=23	Pass
		Inner_1RB_Left	22.88	/	/	22.18	/	/	<=23	Pass
		Inner_1RB_Right	22.93	/	/	22.23	/	/	<=23	Pass
DFT-s-OFDM QPSK	3560.01	Edge_1RB_Left	23.05	/	/	22.35	/	/	<=23	Pass
		Edge_1RB_Right	22.78	/	/	22.08	/	/	<=23	Pass
		Outer_Full	20.59	/	/	19.89	/	/	<=23	Pass
		Inner_Full	21.68	/	/	20.98	/	/	<=23	Pass
		Inner_1RB_Left	21.79	/	/	21.09	/	/	<=23	Pass
		Inner_1RB_Right	21.45	/	/	20.75	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	22.90	/	/	22.20	/	/	<=23	Pass
		Edge_1RB_Right	23.41	/	/	22.71	/	/	<=23	Pass
		Outer_Full	21.06	/	/	20.36	/	/	<=23	Pass
		Inner_Full	23.13	/	/	22.43	/	/	<=23	Pass
		Inner_1RB_Left	23.11	/	/	22.41	/	/	<=23	Pass
		Inner_1RB_Right	23.29	/	/	22.59	/	/	<=23	Pass
	3690	Edge_1RB_Left	23.16	/	/	22.46	/	/	<=23	Pass
		Edge_1RB_Right	22.83	/	/	22.13	/	/	<=23	Pass
		Outer_Full	22.89	/	/	22.19	/	/	<=23	Pass
		Inner_Full	23.07	/	/	22.37	/	/	<=23	Pass
		Inner_1RB_Left	23.20	/	/	22.50	/	/	<=23	Pass
		Inner_1RB_Right	22.87	/	/	22.17	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3560.01	Edge_1RB_Left	21.70	/	/	21.00	/	/	<=23	Pass
		Edge_1RB_Right	21.46	/	/	20.76	/	/	<=23	Pass
		Outer_Full	19.72	/	/	19.02	/	/	<=23	Pass
		Inner_Full	22.10	/	/	21.40	/	/	<=23	Pass
		Inner_1RB_Left	22.07	/	/	21.37	/	/	<=23	Pass
		Inner_1RB_Right	22.28	/	/	21.58	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	22.66	/	/	21.96	/	/	<=23	Pass
		Edge_1RB_Right	22.86	/	/	22.16	/	/	<=23	Pass
		Outer_Full	20.34	/	/	19.64	/	/	<=23	Pass
		Inner_Full	23.09	/	/	22.39	/	/	<=23	Pass
		Inner_1RB_Left	22.88	/	/	22.18	/	/	<=23	Pass
		Inner_1RB_Right	23.25	/	/	22.55	/	/	<=23	Pass
	3690	Edge_1RB_Left	23.17	/	/	22.47	/	/	<=23	Pass
		Edge_1RB_Right	22.87	/	/	22.17	/	/	<=23	Pass
		Outer_Full	22.82	/	/	22.12	/	/	<=23	Pass
		Inner_Full	22.71	/	/	22.01	/	/	<=23	Pass
		Inner_1RB_Left	23.12	/	/	22.42	/	/	<=23	Pass
		Inner_1RB_Right	23.05	/	/	22.35	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3560.01	Edge_1RB_Left	21.47	/	/	20.77	/	/	<=23	Pass

		Edge 1RB Right	21.04	/	/	20.34	/	/	<=23	Pass
		Outer Full	18.73	/	/	18.03	/	/	<=23	Pass
		Inner Full	22.13	/	/	21.43	/	/	<=23	Pass
		Inner 1RB Left	21.15	/	/	20.45	/	/	<=23	Pass
		Inner 1RB Right	20.82	/	/	20.12	/	/	<=23	Pass
	3624.99	Edge 1RB Left	22.68	/	/	21.98	/	/	<=23	Pass
		Edge 1RB Right	22.90	/	/	22.20	/	/	<=23	Pass
		Outer Full	19.87	/	/	19.17	/	/	<=23	Pass
		Inner Full	22.72	/	/	22.02	/	/	<=23	Pass
		Inner 1RB Left	22.08	/	/	21.38	/	/	<=23	Pass
	3690	Inner 1RB Right	22.72	/	/	22.02	/	/	<=23	Pass
		Edge 1RB Left	22.99	/	/	22.29	/	/	<=23	Pass
		Edge 1RB Right	22.90	/	/	22.20	/	/	<=23	Pass
		Outer Full	21.91	/	/	21.21	/	/	<=23	Pass
		Inner Full	23.38	/	/	22.68	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3560.01	Inner 1RB Left	22.80	/	/	22.10	/	/	<=23	Pass
		Inner 1RB Right	22.84	/	/	22.14	/	/	<=23	Pass
		Edge 1RB Left	19.70	/	/	19.00	/	/	<=23	Pass
		Edge 1RB Right	20.29	/	/	19.59	/	/	<=23	Pass
		Outer Full	16.98	/	/	16.28	/	/	<=23	Pass
	3624.99	Inner Full	19.40	/	/	18.70	/	/	<=23	Pass
		Inner 1RB Left	18.90	/	/	18.20	/	/	<=23	Pass
		Inner 1RB Right	18.26	/	/	17.56	/	/	<=23	Pass
		Edge 1RB Left	20.09	/	/	19.39	/	/	<=23	Pass
		Edge 1RB Right	20.02	/	/	19.32	/	/	<=23	Pass
	3690	Outer Full	17.93	/	/	17.23	/	/	<=23	Pass
		Inner Full	20.64	/	/	19.94	/	/	<=23	Pass
		Inner 1RB Left	20.68	/	/	19.98	/	/	<=23	Pass
		Inner 1RB Right	20.04	/	/	19.34	/	/	<=23	Pass
		Edge 1RB Left	20.68	/	/	19.98	/	/	<=23	Pass
CP-OFDM QPSK	3560.01	Edge 1RB Right	21.01	/	/	20.31	/	/	<=23	Pass
		Outer Full	19.94	/	/	19.24	/	/	<=23	Pass
		Inner Full	21.60	/	/	20.90	/	/	<=23	Pass
		Inner 1RB Left	20.71	/	/	20.01	/	/	<=23	Pass
		Inner 1RB Right	21.64	/	/	20.94	/	/	<=23	Pass
	3624.99	Edge 1RB Left	21.17	/	/	20.47	/	/	<=23	Pass
		Edge 1RB Right	19.90	/	/	19.20	/	/	<=23	Pass
		Outer Full	17.98	/	/	17.28	/	/	<=23	Pass
		Inner Full	22.86	/	/	22.16	/	/	<=23	Pass
		Inner 1RB Left	22.15	/	/	21.45	/	/	<=23	Pass
	3690	Inner 1RB Right	22.33	/	/	21.63	/	/	<=23	Pass
		Edge 1RB Left	21.85	/	/	21.15	/	/	<=23	Pass
		Edge 1RB Right	22.32	/	/	21.62	/	/	<=23	Pass
		Outer Full	19.24	/	/	18.54	/	/	<=23	Pass
		Inner Full	23.34	/	/	22.64	/	/	<=23	Pass
CP-OFDM 16 QAM	3560.01	Inner 1RB Left	23.49	/	/	22.79	/	/	<=23	Pass
		Inner 1RB Right	23.11	/	/	22.41	/	/	<=23	Pass
		Edge 1RB Left	23.46	/	/	22.76	/	/	<=23	Pass
		Edge 1RB Right	23.57	/	/	22.87	/	/	<=23	Pass
		Outer Full	20.99	/	/	20.29	/	/	<=23	Pass
	3624.99	Inner Full	22.70	/	/	22.00	/	/	<=23	Pass
		Inner 1RB Left	22.95	/	/	22.25	/	/	<=23	Pass
		Inner 1RB Right	22.68	/	/	21.98	/	/	<=23	Pass
		Edge 1RB Left	21.07	/	/	20.37	/	/	<=23	Pass
		Edge 1RB Right	20.06	/	/	19.36	/	/	<=23	Pass
	3690	Outer Full	19.55	/	/	18.85	/	/	<=23	Pass
		Inner Full	20.09	/	/	19.39	/	/	<=23	Pass
		Inner 1RB Left	20.57	/	/	19.87	/	/	<=23	Pass
		Inner 1RB Right	21.75	/	/	21.05	/	/	<=23	Pass

	3624.99	Edge_1RB_Left	22.18	/	/	21.48	/	/	<=23	Pass
		Edge_1RB_Right	21.33	/	/	20.63	/	/	<=23	Pass
		Outer_Full	19.36	/	/	18.66	/	/	<=23	Pass
		Inner_Full	22.82	/	/	22.12	/	/	<=23	Pass
		Inner_1RB_Left	22.65	/	/	21.95	/	/	<=23	Pass
		Inner_1RB_Right	22.78	/	/	22.08	/	/	<=23	Pass
	3690	Edge_1RB_Left	23.67	/	/	22.97	/	/	<=23	Pass
		Edge_1RB_Right	21.74	/	/	21.04	/	/	<=23	Pass
		Outer_Full	16.67	/	/	15.97	/	/	<=23	Pass
		Inner_Full	23.49	/	/	22.79	/	/	<=23	Pass
		Inner_1RB_Left	23.17	/	/	22.47	/	/	<=23	Pass
		Inner_1RB_Right	23.04	/	/	22.34	/	/	<=23	Pass
CP-OFDM 64 QAM	3560.01	Edge_1RB_Left	20.47	/	/	19.77	/	/	<=23	Pass
		Edge_1RB_Right	19.55	/	/	18.85	/	/	<=23	Pass
		Outer_Full	18.39	/	/	17.69	/	/	<=23	Pass
		Inner_Full	20.17	/	/	19.47	/	/	<=23	Pass
		Inner_1RB_Left	20.85	/	/	20.15	/	/	<=23	Pass
		Inner_1RB_Right	19.63	/	/	18.93	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.82	/	/	20.12	/	/	<=23	Pass
		Edge_1RB_Right	21.33	/	/	20.63	/	/	<=23	Pass
		Outer_Full	18.74	/	/	18.04	/	/	<=23	Pass
		Inner_Full	21.26	/	/	20.56	/	/	<=23	Pass
		Inner_1RB_Left	21.72	/	/	21.02	/	/	<=23	Pass
		Inner_1RB_Right	21.13	/	/	20.43	/	/	<=23	Pass
	3690	Edge_1RB_Left	22.13	/	/	21.43	/	/	<=23	Pass
		Edge_1RB_Right	22.78	/	/	22.08	/	/	<=23	Pass
		Outer_Full	20.46	/	/	19.76	/	/	<=23	Pass
		Inner_Full	22.37	/	/	21.67	/	/	<=23	Pass
		Inner_1RB_Left	23.29	/	/	22.59	/	/	<=23	Pass
		Inner_1RB_Right	20.66	/	/	19.96	/	/	<=23	Pass
CP-OFDM 256 QAM	3560.01	Edge_1RB_Left	17.97	/	/	17.27	/	/	<=23	Pass
		Edge_1RB_Right	18.24	/	/	17.54	/	/	<=23	Pass
		Outer_Full	14.43	/	/	13.73	/	/	<=23	Pass
		Inner_Full	18.11	/	/	17.41	/	/	<=23	Pass
		Inner_1RB_Left	15.58	/	/	14.88	/	/	<=23	Pass
		Inner_1RB_Right	16.19	/	/	15.49	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.28	/	/	17.58	/	/	<=23	Pass
		Edge_1RB_Right	18.55	/	/	17.85	/	/	<=23	Pass
		Outer_Full	15.26	/	/	14.56	/	/	<=23	Pass
		Inner_Full	18.22	/	/	17.52	/	/	<=23	Pass
		Inner_1RB_Left	18.16	/	/	17.46	/	/	<=23	Pass
		Inner_1RB_Right	18.11	/	/	17.41	/	/	<=23	Pass
	3690	Edge_1RB_Left	19.42	/	/	18.72	/	/	<=23	Pass
		Edge_1RB_Right	19.62	/	/	18.92	/	/	<=23	Pass
		Outer_Full	16.08	/	/	15.38	/	/	<=23	Pass
		Inner_Full	19.48	/	/	18.78	/	/	<=23	Pass
		Inner_1RB_Left	18.46	/	/	17.76	/	/	<=23	Pass
		Inner_1RB_Right	18.64	/	/	17.94	/	/	<=23	Pass
Note1: Antenna Gain: Ant3: -0.70dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_30MHz_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3565.02	Edge_1RB_Left	22.59	/	/	21.89	/	/	/	Pass
		Edge_1RB_Right	22.90	/	/	22.20	/	/	/	Pass

		Outer_Full	22.83	/	/	22.13	/	/	/	Pass
		Inner_Full	22.77	/	/	22.07	/	/	/	Pass
		Inner_1RB_Left	22.55	/	/	21.85	/	/	/	Pass
		Inner_1RB_Right	23.04	/	/	22.34	/	/	/	Pass
	3624.99	Edge_1RB_Left	23.65	/	/	22.95	/	/	/	Pass
		Edge_1RB_Right	23.29	/	/	22.59	/	/	/	Pass
		Outer_Full	23.68	/	/	22.98	/	/	/	Pass
		Inner_Full	23.65	/	/	22.95	/	/	/	Pass
		Inner_1RB_Left	23.57	/	/	22.87	/	/	/	Pass
		Inner_1RB_Right	23.23	/	/	22.53	/	/	/	Pass
	3684.99	Edge_1RB_Left	23.41	/	/	22.71	/	/	/	Pass
		Edge_1RB_Right	23.57	/	/	22.87	/	/	/	Pass
		Outer_Full	23.59	/	/	22.89	/	/	/	Pass
		Inner_Full	23.51	/	/	22.81	/	/	/	Pass
		Inner_1RB_Left	23.49	/	/	22.79	/	/	/	Pass
		Inner_1RB_Right	23.47	/	/	22.77	/	/	/	Pass
DFT-s-OFDM QPSK	3565.02	Edge_1RB_Left	22.51	/	/	21.81	/	/	/	Pass
		Edge_1RB_Right	22.84	/	/	22.14	/	/	/	Pass
		Outer_Full	22.83	/	/	22.13	/	/	/	Pass
		Inner_Full	22.91	/	/	22.21	/	/	/	Pass
		Inner_1RB_Left	22.58	/	/	21.88	/	/	/	Pass
		Inner_1RB_Right	22.90	/	/	22.20	/	/	/	Pass
	3624.99	Edge_1RB_Left	23.62	/	/	22.92	/	/	/	Pass
		Edge_1RB_Right	23.17	/	/	22.47	/	/	/	Pass
		Outer_Full	23.60	/	/	22.90	/	/	/	Pass
		Inner_Full	23.73	/	/	23.03	/	/	/	Pass
		Inner_1RB_Left	23.64	/	/	22.94	/	/	/	Pass
		Inner_1RB_Right	23.27	/	/	22.57	/	/	/	Pass
	3684.99	Edge_1RB_Left	23.30	/	/	22.60	/	/	/	Pass
		Edge_1RB_Right	23.41	/	/	22.71	/	/	/	Pass
		Outer_Full	23.53	/	/	22.83	/	/	/	Pass
		Inner_Full	23.56	/	/	22.86	/	/	/	Pass
		Inner_1RB_Left	23.47	/	/	22.77	/	/	/	Pass
		Inner_1RB_Right	23.48	/	/	22.78	/	/	/	Pass
DFT-s-OFDM 16 QAM	3565.02	Edge_1RB_Left	21.63	/	/	20.93	/	/	/	Pass
		Edge_1RB_Right	21.89	/	/	21.19	/	/	/	Pass
		Outer_Full	21.95	/	/	21.25	/	/	/	Pass
		Inner_Full	22.85	/	/	22.15	/	/	/	Pass
		Inner_1RB_Left	22.58	/	/	21.88	/	/	/	Pass
		Inner_1RB_Right	22.81	/	/	22.11	/	/	/	Pass
	3624.99	Edge_1RB_Left	22.47	/	/	21.77	/	/	/	Pass
		Edge_1RB_Right	22.38	/	/	21.68	/	/	/	Pass
		Outer_Full	22.73	/	/	22.03	/	/	/	Pass
		Inner_Full	23.70	/	/	23.00	/	/	/	Pass
		Inner_1RB_Left	23.48	/	/	22.78	/	/	/	Pass
		Inner_1RB_Right	23.16	/	/	22.46	/	/	/	Pass
	3684.99	Edge_1RB_Left	22.27	/	/	21.57	/	/	/	Pass
		Edge_1RB_Right	22.38	/	/	21.68	/	/	/	Pass
		Outer_Full	22.50	/	/	21.80	/	/	/	Pass
		Inner_Full	23.42	/	/	22.72	/	/	/	Pass
		Inner_1RB_Left	23.18	/	/	22.48	/	/	/	Pass
		Inner_1RB_Right	23.15	/	/	22.45	/	/	/	Pass
DFT-s-OFDM 64 QAM	3565.02	Edge_1RB_Left	21.24	/	/	20.54	/	/	/	Pass
		Edge_1RB_Right	21.49	/	/	20.79	/	/	/	Pass
		Outer_Full	21.51	/	/	20.81	/	/	/	Pass
		Inner_Full	21.32	/	/	20.62	/	/	/	Pass
		Inner_1RB_Left	21.25	/	/	20.55	/	/	/	Pass
		Inner_1RB_Right	21.51	/	/	20.81	/	/	/	Pass
	3624.99	Edge_1RB_Left	22.22	/	/	21.52	/	/	/	Pass

		Edge 1RB Right	22.05	/	/	21.35	/	/	/	Pass
		Outer Full	22.24	/	/	21.54	/	/	/	Pass
		Inner Full	22.22	/	/	21.52	/	/	/	Pass
		Inner 1RB Left	22.21	/	/	21.51	/	/	/	Pass
		Inner 1RB Right	21.94	/	/	21.24	/	/	/	Pass
	3684.99	Edge 1RB Left	21.98	/	/	21.28	/	/	/	Pass
		Edge 1RB Right	21.91	/	/	21.21	/	/	/	Pass
		Outer Full	21.97	/	/	21.27	/	/	/	Pass
		Inner Full	22.09	/	/	21.39	/	/	/	Pass
		Inner 1RB Left	21.91	/	/	21.21	/	/	/	Pass
		Inner 1RB Right	21.98	/	/	21.28	/	/	/	Pass
DFT-s-OFDM 256 QAM	3565.02	Edge 1RB Left	19.34	/	/	18.64	/	/	/	Pass
		Edge 1RB Right	19.53	/	/	18.83	/	/	/	Pass
		Outer Full	19.40	/	/	18.70	/	/	/	Pass
		Inner Full	19.30	/	/	18.60	/	/	/	Pass
		Inner 1RB Left	19.04	/	/	18.34	/	/	/	Pass
		Inner 1RB Right	19.44	/	/	18.74	/	/	/	Pass
	3624.99	Edge 1RB Left	20.11	/	/	19.41	/	/	/	Pass
		Edge 1RB Right	19.96	/	/	19.26	/	/	/	Pass
		Outer Full	20.16	/	/	19.46	/	/	/	Pass
		Inner Full	20.03	/	/	19.33	/	/	/	Pass
		Inner 1RB Left	20.15	/	/	19.45	/	/	/	Pass
		Inner 1RB Right	19.86	/	/	19.16	/	/	/	Pass
	3684.99	Edge 1RB Left	19.79	/	/	19.09	/	/	/	Pass
		Edge 1RB Right	20.03	/	/	19.33	/	/	/	Pass
		Outer Full	20.02	/	/	19.32	/	/	/	Pass
		Inner Full	19.97	/	/	19.27	/	/	/	Pass
		Inner 1RB Left	19.90	/	/	19.20	/	/	/	Pass
		Inner 1RB Right	20.09	/	/	19.39	/	/	/	Pass
CP-OFDM QPSK	3565.02	Edge 1RB Left	20.59	/	/	19.89	/	/	/	Pass
		Edge 1RB Right	20.96	/	/	20.26	/	/	/	Pass
		Outer Full	20.89	/	/	20.19	/	/	/	Pass
		Inner Full	22.32	/	/	21.62	/	/	/	Pass
		Inner 1RB Left	22.09	/	/	21.39	/	/	/	Pass
		Inner 1RB Right	22.44	/	/	21.74	/	/	/	Pass
	3624.99	Edge 1RB Left	21.67	/	/	20.97	/	/	/	Pass
		Edge 1RB Right	21.30	/	/	20.60	/	/	/	Pass
		Outer Full	21.75	/	/	21.05	/	/	/	Pass
		Inner Full	23.10	/	/	22.40	/	/	/	Pass
		Inner 1RB Left	23.11	/	/	22.41	/	/	/	Pass
		Inner 1RB Right	22.79	/	/	22.09	/	/	/	Pass
	3684.99	Edge 1RB Left	21.52	/	/	20.82	/	/	/	Pass
		Edge 1RB Right	21.64	/	/	20.94	/	/	/	Pass
		Outer Full	21.57	/	/	20.87	/	/	/	Pass
		Inner Full	23.07	/	/	22.37	/	/	/	Pass
		Inner 1RB Left	22.96	/	/	22.26	/	/	/	Pass
		Inner 1RB Right	22.93	/	/	22.23	/	/	/	Pass
CP-OFDM 16 QAM	3565.02	Edge 1RB Left	20.54	/	/	19.84	/	/	/	Pass
		Edge 1RB Right	20.84	/	/	20.14	/	/	/	Pass
		Outer Full	20.74	/	/	20.04	/	/	/	Pass
		Inner Full	21.83	/	/	21.13	/	/	/	Pass
		Inner 1RB Left	21.47	/	/	20.77	/	/	/	Pass
		Inner 1RB Right	21.75	/	/	21.05	/	/	/	Pass
	3624.99	Edge 1RB Left	21.49	/	/	20.79	/	/	/	Pass
		Edge 1RB Right	21.25	/	/	20.55	/	/	/	Pass
		Outer Full	21.66	/	/	20.96	/	/	/	Pass
		Inner Full	22.67	/	/	21.97	/	/	/	Pass
		Inner 1RB Left	22.52	/	/	21.82	/	/	/	Pass
		Inner 1RB Right	22.31	/	/	21.61	/	/	/	Pass

	3684.99	Edge_1RB_Left	21.33	/	/	20.63	/	/	/	Pass
		Edge_1RB_Right	21.58	/	/	20.88	/	/	/	Pass
		Outer_Full	21.48	/	/	20.78	/	/	/	Pass
		Inner_Full	22.37	/	/	21.67	/	/	/	Pass
		Inner_1RB_Left	22.32	/	/	21.62	/	/	/	Pass
		Inner_1RB_Right	22.35	/	/	21.65	/	/	/	Pass
CP-OFDM 64 QAM	3565.02	Edge_1RB_Left	20.14	/	/	19.44	/	/	/	Pass
		Edge_1RB_Right	20.62	/	/	19.92	/	/	/	Pass
		Outer_Full	20.31	/	/	19.61	/	/	/	Pass
		Inner_Full	20.37	/	/	19.67	/	/	/	Pass
		Inner_1RB_Left	20.30	/	/	19.60	/	/	/	Pass
		Inner_1RB_Right	20.65	/	/	19.95	/	/	/	Pass
	3624.99	Edge_1RB_Left	21.13	/	/	20.43	/	/	/	Pass
		Edge_1RB_Right	20.77	/	/	20.07	/	/	/	Pass
		Outer_Full	21.13	/	/	20.43	/	/	/	Pass
		Inner_Full	21.22	/	/	20.52	/	/	/	Pass
		Inner_1RB_Left	21.19	/	/	20.49	/	/	/	Pass
		Inner_1RB_Right	20.84	/	/	20.14	/	/	/	Pass
	3684.99	Edge_1RB_Left	20.88	/	/	20.18	/	/	/	Pass
		Edge_1RB_Right	21.07	/	/	20.37	/	/	/	Pass
		Outer_Full	21.04	/	/	20.34	/	/	/	Pass
		Inner_Full	20.92	/	/	20.22	/	/	/	Pass
		Inner_1RB_Left	20.99	/	/	20.29	/	/	/	Pass
		Inner_1RB_Right	21.11	/	/	20.41	/	/	/	Pass
CP-OFDM 256 QAM	3565.02	Edge_1RB_Left	17.24	/	/	16.54	/	/	/	Pass
		Edge_1RB_Right	17.57	/	/	16.87	/	/	/	Pass
		Outer_Full	17.44	/	/	16.74	/	/	/	Pass
		Inner_Full	17.34	/	/	16.64	/	/	/	Pass
		Inner_1RB_Left	17.40	/	/	16.70	/	/	/	Pass
		Inner_1RB_Right	17.61	/	/	16.91	/	/	/	Pass
	3624.99	Edge_1RB_Left	18.21	/	/	17.51	/	/	/	Pass
		Edge_1RB_Right	17.84	/	/	17.14	/	/	/	Pass
		Outer_Full	18.14	/	/	17.44	/	/	/	Pass
		Inner_Full	18.23	/	/	17.53	/	/	/	Pass
		Inner_1RB_Left	18.17	/	/	17.47	/	/	/	Pass
		Inner_1RB_Right	17.96	/	/	17.26	/	/	/	Pass
	3684.99	Edge_1RB_Left	17.92	/	/	17.22	/	/	/	Pass
		Edge_1RB_Right	17.96	/	/	17.26	/	/	/	Pass
Outer_Full		18.00	/	/	17.30	/	/	/	Pass	
Inner_Full		18.06	/	/	17.36	/	/	/	Pass	
Inner_1RB_Left		17.99	/	/	17.29	/	/	/	Pass	
Inner_1RB_Right		17.97	/	/	17.27	/	/	/	Pass	
Note1: Antenna Gain: Ant3: -0.70dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k SISO 30MHz NTV EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz SISO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3565.02	Edge_1RB_Left	23.10	/	/	22.40	/	/	<=23	Pass
		Edge_1RB_Right	23.36	/	/	22.66	/	/	<=23	Pass
		Outer_Full	18.76	/	/	18.06	/	/	<=23	Pass
		Inner_Full	22.68	/	/	21.98	/	/	<=23	Pass
		Inner_1RB_Left	23.15	/	/	22.45	/	/	<=23	Pass
	Inner_1RB_Right	23.32	/	/	22.62	/	/	<=23	Pass	
	3624.99	Edge_1RB_Left	22.80	/	/	22.10	/	/	<=23	Pass

		Edge 1RB Right	22.94	/	/	22.24	/	/	<=23	Pass
		Outer Full	19.34	/	/	18.64	/	/	<=23	Pass
		Inner Full	22.81	/	/	22.11	/	/	<=23	Pass
		Inner 1RB Left	22.94	/	/	22.24	/	/	<=23	Pass
		Inner 1RB Right	23.47	/	/	22.77	/	/	<=23	Pass
		Edge 1RB Left	21.75	/	/	21.05	/	/	<=23	Pass
		Edge 1RB Right	22.94	/	/	22.24	/	/	<=23	Pass
		Outer Full	20.68	/	/	19.98	/	/	<=23	Pass
		Inner Full	22.99	/	/	22.29	/	/	<=23	Pass
		Inner 1RB Left	22.93	/	/	22.23	/	/	<=23	Pass
		Inner 1RB Right	23.54	/	/	22.84	/	/	<=23	Pass
		Edge 1RB Left	23.38	/	/	22.68	/	/	<=23	Pass
DFT-s-OFDM QPSK	3565.02	Edge 1RB Right	23.63	/	/	22.93	/	/	<=23	Pass
		Outer Full	19.52	/	/	18.82	/	/	<=23	Pass
		Inner Full	22.13	/	/	21.43	/	/	<=23	Pass
		Inner 1RB Left	22.65	/	/	21.95	/	/	<=23	Pass
		Inner 1RB Right	23.17	/	/	22.47	/	/	<=23	Pass
		Edge 1RB Left	22.87	/	/	22.17	/	/	<=23	Pass
	3624.99	Edge 1RB Right	23.45	/	/	22.75	/	/	<=23	Pass
		Outer Full	19.63	/	/	18.93	/	/	<=23	Pass
		Inner Full	22.59	/	/	21.89	/	/	<=23	Pass
		Inner 1RB Left	22.74	/	/	22.04	/	/	<=23	Pass
		Inner 1RB Right	23.04	/	/	22.34	/	/	<=23	Pass
		Edge 1RB Left	23.30	/	/	22.60	/	/	<=23	Pass
	3684.99	Edge 1RB Right	23.26	/	/	22.56	/	/	<=23	Pass
		Outer Full	21.23	/	/	20.53	/	/	<=23	Pass
		Inner Full	23.27	/	/	22.57	/	/	<=23	Pass
		Inner 1RB Left	23.36	/	/	22.66	/	/	<=23	Pass
		Inner 1RB Right	22.69	/	/	21.99	/	/	<=23	Pass
		Edge 1RB Left	21.06	/	/	20.36	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3565.02	Edge 1RB Right	22.04	/	/	21.34	/	/	<=23	Pass
		Outer Full	18.51	/	/	17.81	/	/	<=23	Pass
		Inner Full	22.29	/	/	21.59	/	/	<=23	Pass
		Inner 1RB Left	23.17	/	/	22.47	/	/	<=23	Pass
		Inner 1RB Right	22.81	/	/	22.11	/	/	<=23	Pass
		Edge 1RB Left	22.62	/	/	21.92	/	/	<=23	Pass
	3624.99	Edge 1RB Right	22.94	/	/	22.24	/	/	<=23	Pass
		Outer Full	18.42	/	/	17.72	/	/	<=23	Pass
		Inner Full	22.60	/	/	21.90	/	/	<=23	Pass
		Inner 1RB Left	22.82	/	/	22.12	/	/	<=23	Pass
		Inner 1RB Right	23.59	/	/	22.89	/	/	<=23	Pass
		Edge 1RB Left	23.41	/	/	22.71	/	/	<=23	Pass
	3684.99	Edge 1RB Right	22.73	/	/	22.03	/	/	<=23	Pass
		Outer Full	19.31	/	/	18.61	/	/	<=23	Pass
		Inner Full	23.61	/	/	22.91	/	/	<=23	Pass
		Inner 1RB Left	23.10	/	/	22.40	/	/	<=23	Pass
		Inner 1RB Right	23.45	/	/	22.75	/	/	<=23	Pass
		Edge 1RB Left	21.07	/	/	20.37	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3565.02	Edge 1RB Right	22.14	/	/	21.44	/	/	<=23	Pass
		Outer Full	17.46	/	/	16.76	/	/	<=23	Pass
		Inner Full	20.20	/	/	19.50	/	/	<=23	Pass
		Inner 1RB Left	21.68	/	/	20.98	/	/	<=23	Pass
		Inner 1RB Right	22.55	/	/	21.85	/	/	<=23	Pass
		Edge 1RB Left	22.12	/	/	21.42	/	/	<=23	Pass
	3624.99	Edge 1RB Right	22.36	/	/	21.66	/	/	<=23	Pass
		Outer Full	18.43	/	/	17.73	/	/	<=23	Pass
		Inner Full	21.36	/	/	20.66	/	/	<=23	Pass
		Inner 1RB Left	22.43	/	/	21.73	/	/	<=23	Pass
		Inner 1RB Right	21.69	/	/	20.99	/	/	<=23	Pass
		Edge 1RB Left	21.07	/	/	20.37	/	/	<=23	Pass

	3684.99	Edge_1RB_Left	23.59	/	/	22.89	/	/	<=23	Pass
		Edge_1RB_Right	23.50	/	/	22.80	/	/	<=23	Pass
		Outer_Full	19.28	/	/	18.58	/	/	<=23	Pass
		Inner_Full	22.12	/	/	21.42	/	/	<=23	Pass
		Inner_1RB_Left	23.62	/	/	22.92	/	/	<=23	Pass
		Inner_1RB_Right	22.51	/	/	21.81	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3565.02	Edge_1RB_Left	19.26	/	/	18.56	/	/	<=23	Pass
		Edge_1RB_Right	19.29	/	/	18.59	/	/	<=23	Pass
		Outer_Full	15.30	/	/	14.60	/	/	<=23	Pass
		Inner_Full	18.67	/	/	17.97	/	/	<=23	Pass
		Inner_1RB_Left	19.44	/	/	18.74	/	/	<=23	Pass
		Inner_1RB_Right	19.13	/	/	18.43	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.71	/	/	20.01	/	/	<=23	Pass
		Edge_1RB_Right	20.53	/	/	19.83	/	/	<=23	Pass
		Outer_Full	16.05	/	/	15.35	/	/	<=23	Pass
		Inner_Full	19.08	/	/	18.38	/	/	<=23	Pass
		Inner_1RB_Left	20.24	/	/	19.54	/	/	<=23	Pass
		Inner_1RB_Right	21.68	/	/	20.98	/	/	<=23	Pass
	3684.99	Edge_1RB_Left	21.52	/	/	20.82	/	/	<=23	Pass
		Edge_1RB_Right	22.01	/	/	21.31	/	/	<=23	Pass
		Outer_Full	17.00	/	/	16.30	/	/	<=23	Pass
		Inner_Full	20.49	/	/	19.79	/	/	<=23	Pass
		Inner_1RB_Left	21.18	/	/	20.48	/	/	<=23	Pass
		Inner_1RB_Right	21.66	/	/	20.96	/	/	<=23	Pass
CP-OFDM QPSK	3565.02	Edge_1RB_Left	21.47	/	/	20.77	/	/	<=23	Pass
		Edge_1RB_Right	21.12	/	/	20.42	/	/	<=23	Pass
		Outer_Full	17.22	/	/	16.52	/	/	<=23	Pass
		Inner_Full	21.47	/	/	20.77	/	/	<=23	Pass
		Inner_1RB_Left	22.80	/	/	22.10	/	/	<=23	Pass
		Inner_1RB_Right	22.72	/	/	22.02	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.71	/	/	21.01	/	/	<=23	Pass
		Edge_1RB_Right	22.21	/	/	21.51	/	/	<=23	Pass
		Outer_Full	17.17	/	/	16.47	/	/	<=23	Pass
		Inner_Full	21.74	/	/	21.04	/	/	<=23	Pass
		Inner_1RB_Left	22.50	/	/	21.80	/	/	<=23	Pass
		Inner_1RB_Right	22.85	/	/	22.15	/	/	<=23	Pass
	3684.99	Edge_1RB_Left	23.63	/	/	22.93	/	/	<=23	Pass
		Edge_1RB_Right	22.90	/	/	22.20	/	/	<=23	Pass
		Outer_Full	18.35	/	/	17.65	/	/	<=23	Pass
		Inner_Full	21.84	/	/	21.14	/	/	<=23	Pass
		Inner_1RB_Left	22.79	/	/	22.09	/	/	<=23	Pass
		Inner_1RB_Right	23.03	/	/	22.33	/	/	<=23	Pass
CP-OFDM 16 QAM	3565.02	Edge_1RB_Left	20.50	/	/	19.80	/	/	<=23	Pass
		Edge_1RB_Right	20.51	/	/	19.81	/	/	<=23	Pass
		Outer_Full	16.89	/	/	16.19	/	/	<=23	Pass
		Inner_Full	21.02	/	/	20.32	/	/	<=23	Pass
		Inner_1RB_Left	22.22	/	/	21.52	/	/	<=23	Pass
		Inner_1RB_Right	22.65	/	/	21.95	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.68	/	/	20.98	/	/	<=23	Pass
		Edge_1RB_Right	21.87	/	/	21.17	/	/	<=23	Pass
		Outer_Full	17.45	/	/	16.75	/	/	<=23	Pass
		Inner_Full	21.22	/	/	20.52	/	/	<=23	Pass
		Inner_1RB_Left	22.81	/	/	22.11	/	/	<=23	Pass
		Inner_1RB_Right	23.21	/	/	22.51	/	/	<=23	Pass
	3684.99	Edge_1RB_Left	22.61	/	/	21.91	/	/	<=23	Pass
		Edge_1RB_Right	23.66	/	/	22.96	/	/	<=23	Pass
		Outer_Full	19.38	/	/	18.68	/	/	<=23	Pass
		Inner_Full	22.41	/	/	21.71	/	/	<=23	Pass
		Inner_1RB_Left	23.35	/	/	22.65	/	/	<=23	Pass

CP-OFDM 64 QAM	3565.02	Inner 1RB Right	23.29	/	/	22.59	/	/	<=23	Pass
		Edge 1RB Left	20.02	/	/	19.32	/	/	<=23	Pass
		Edge 1RB Right	21.07	/	/	20.37	/	/	<=23	Pass
		Outer Full	16.46	/	/	15.76	/	/	<=23	Pass
		Inner Full	19.85	/	/	19.15	/	/	<=23	Pass
		Inner 1RB Left	20.60	/	/	19.90	/	/	<=23	Pass
	3624.99	Inner 1RB Right	20.38	/	/	19.68	/	/	<=23	Pass
		Edge 1RB Left	21.89	/	/	21.19	/	/	<=23	Pass
		Edge 1RB Right	21.64	/	/	20.94	/	/	<=23	Pass
		Outer Full	16.68	/	/	15.98	/	/	<=23	Pass
		Inner Full	19.91	/	/	19.21	/	/	<=23	Pass
		Inner 1RB Left	21.33	/	/	20.63	/	/	<=23	Pass
	3684.99	Inner 1RB Right	22.09	/	/	21.39	/	/	<=23	Pass
		Edge 1RB Left	22.20	/	/	21.50	/	/	<=23	Pass
		Edge 1RB Right	21.70	/	/	21.00	/	/	<=23	Pass
		Outer Full	18.08	/	/	17.38	/	/	<=23	Pass
		Inner Full	20.95	/	/	20.25	/	/	<=23	Pass
		Inner 1RB Left	22.29	/	/	21.59	/	/	<=23	Pass
CP-OFDM 256 QAM	3565.02	Inner 1RB Right	21.94	/	/	21.24	/	/	<=23	Pass
		Edge 1RB Left	16.45	/	/	15.75	/	/	<=23	Pass
		Edge 1RB Right	17.35	/	/	16.65	/	/	<=23	Pass
		Outer Full	14.06	/	/	13.36	/	/	<=23	Pass
		Inner Full	16.71	/	/	16.01	/	/	<=23	Pass
		Inner 1RB Left	18.32	/	/	17.62	/	/	<=23	Pass
	3624.99	Inner 1RB Right	17.41	/	/	16.71	/	/	<=23	Pass
		Edge 1RB Left	18.04	/	/	17.34	/	/	<=23	Pass
		Edge 1RB Right	18.85	/	/	18.15	/	/	<=23	Pass
		Outer Full	13.71	/	/	13.01	/	/	<=23	Pass
		Inner Full	16.83	/	/	16.13	/	/	<=23	Pass
		Inner 1RB Left	17.79	/	/	17.09	/	/	<=23	Pass
	3684.99	Inner 1RB Right	17.56	/	/	16.86	/	/	<=23	Pass
		Edge 1RB Left	20.00	/	/	19.30	/	/	<=23	Pass
		Edge 1RB Right	19.57	/	/	18.87	/	/	<=23	Pass
		Outer Full	15.27	/	/	14.57	/	/	<=23	Pass
		Inner Full	17.84	/	/	17.14	/	/	<=23	Pass
		Inner 1RB Left	19.03	/	/	18.33	/	/	<=23	Pass
		Inner 1RB Right	19.50	/	/	18.80	/	/	<=23	Pass
Note1: Antenna Gain: Ant3: -0.70dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30k_SISO_40MHz_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Edge 1RB Left	22.63	/	/	21.93	/	/	/	Pass
		Edge 1RB Right	22.87	/	/	22.17	/	/	/	Pass
		Outer Full	22.98	/	/	22.28	/	/	/	Pass
		Inner Full	22.99	/	/	22.29	/	/	/	Pass
		Inner 1RB Left	22.63	/	/	21.93	/	/	/	Pass
		Inner 1RB Right	22.82	/	/	22.12	/	/	/	Pass
	3624.99	Edge 1RB Left	23.47	/	/	22.77	/	/	/	Pass
		Edge 1RB Right	23.02	/	/	22.32	/	/	/	Pass
		Outer Full	23.83	/	/	23.13	/	/	/	Pass
		Inner Full	23.75	/	/	23.05	/	/	/	Pass
		Inner 1RB Left	23.41	/	/	22.71	/	/	/	Pass
		Inner 1RB Right	23.19	/	/	22.49	/	/	/	Pass
	3679.98	Edge 1RB Left	22.67	/	/	21.97	/	/	/	Pass

		Edge 1RB Right	23.41	/	/	22.71	/	/	/	Pass
		Outer Full	23.36	/	/	22.66	/	/	/	Pass
		Inner Full	23.54	/	/	22.84	/	/	/	Pass
		Inner 1RB Left	22.79	/	/	22.09	/	/	/	Pass
		Inner 1RB Right	23.46	/	/	22.76	/	/	/	Pass
DFT-s-OFDM QPSK	3570	Edge 1RB Left	22.61	/	/	21.91	/	/	/	Pass
		Edge 1RB Right	22.83	/	/	22.13	/	/	/	Pass
		Outer Full	22.99	/	/	22.29	/	/	/	Pass
		Inner Full	23.00	/	/	22.30	/	/	/	Pass
		Inner 1RB Left	22.63	/	/	21.93	/	/	/	Pass
	3624.99	Inner 1RB Right	22.87	/	/	22.17	/	/	/	Pass
		Edge 1RB Left	23.37	/	/	22.67	/	/	/	Pass
		Edge 1RB Right	23.13	/	/	22.43	/	/	/	Pass
		Outer Full	23.60	/	/	22.90	/	/	/	Pass
		Inner Full	23.67	/	/	22.97	/	/	/	Pass
	3679.98	Inner 1RB Left	23.38	/	/	22.68	/	/	/	Pass
		Inner 1RB Right	23.18	/	/	22.48	/	/	/	Pass
		Edge 1RB Left	22.69	/	/	21.99	/	/	/	Pass
		Edge 1RB Right	23.43	/	/	22.73	/	/	/	Pass
		Outer Full	23.40	/	/	22.70	/	/	/	Pass
DFT-s-OFDM 16 QAM	3570	Inner Full	23.42	/	/	22.72	/	/	/	Pass
		Inner 1RB Left	22.80	/	/	22.10	/	/	/	Pass
		Inner 1RB Right	23.49	/	/	22.79	/	/	/	Pass
	3624.99	Edge 1RB Left	21.58	/	/	20.88	/	/	/	Pass
		Edge 1RB Right	21.96	/	/	21.26	/	/	/	Pass
		Outer Full	21.89	/	/	21.19	/	/	/	Pass
		Inner Full	23.04	/	/	22.34	/	/	/	Pass
	3679.98	Inner 1RB Left	22.41	/	/	21.71	/	/	/	Pass
		Inner 1RB Right	22.78	/	/	22.08	/	/	/	Pass
		Edge 1RB Left	22.32	/	/	21.62	/	/	/	Pass
		Edge 1RB Right	22.11	/	/	21.41	/	/	/	Pass
		Outer Full	22.59	/	/	21.89	/	/	/	Pass
DFT-s-OFDM 64 QAM	3570	Inner Full	23.72	/	/	23.02	/	/	/	Pass
		Inner 1RB Left	23.45	/	/	22.75	/	/	/	Pass
		Inner 1RB Right	23.01	/	/	22.31	/	/	/	Pass
	3624.99	Edge 1RB Left	21.47	/	/	20.77	/	/	/	Pass
		Edge 1RB Right	22.29	/	/	21.59	/	/	/	Pass
		Outer Full	22.18	/	/	21.48	/	/	/	Pass
	3679.98	Inner Full	23.34	/	/	22.64	/	/	/	Pass
		Inner 1RB Left	22.51	/	/	21.81	/	/	/	Pass
		Inner 1RB Right	23.19	/	/	22.49	/	/	/	Pass
	3570	Edge 1RB Left	21.24	/	/	20.54	/	/	/	Pass
		Edge 1RB Right	21.48	/	/	20.78	/	/	/	Pass
		Outer Full	21.42	/	/	20.72	/	/	/	Pass
	3624.99	Inner Full	21.54	/	/	20.84	/	/	/	Pass
		Inner 1RB Left	21.21	/	/	20.51	/	/	/	Pass
		Inner 1RB Right	21.40	/	/	20.70	/	/	/	Pass
	3679.98	Edge 1RB Left	22.04	/	/	21.34	/	/	/	Pass
		Edge 1RB Right	21.75	/	/	21.05	/	/	/	Pass
		Outer Full	22.13	/	/	21.43	/	/	/	Pass
		Inner Full	22.20	/	/	21.50	/	/	/	Pass
		Inner 1RB Left	22.07	/	/	21.37	/	/	/	Pass
	3679.98	Inner 1RB Right	21.84	/	/	21.14	/	/	/	Pass
		Edge 1RB Left	21.29	/	/	20.59	/	/	/	Pass
		Edge 1RB Right	22.04	/	/	21.34	/	/	/	Pass
		Outer Full	21.85	/	/	21.15	/	/	/	Pass
		Inner Full	21.99	/	/	21.29	/	/	/	Pass
	3679.98	Inner 1RB Left	21.37	/	/	20.67	/	/	/	Pass
		Inner 1RB Right	22.00	/	/	21.30	/	/	/	Pass

DFT-s-OFDM 256 QAM	3570	Edge 1RB Left	19.08	/	/	18.38	/	/	/	Pass
		Edge 1RB Right	19.31	/	/	18.61	/	/	/	Pass
		Outer Full	19.40	/	/	18.70	/	/	/	Pass
		Inner Full	19.59	/	/	18.89	/	/	/	Pass
		Inner 1RB Left	19.07	/	/	18.37	/	/	/	Pass
		Inner 1RB Right	19.30	/	/	18.60	/	/	/	Pass
	3624.99	Edge 1RB Left	19.97	/	/	19.27	/	/	/	Pass
		Edge 1RB Right	19.63	/	/	18.93	/	/	/	Pass
		Outer Full	20.22	/	/	19.52	/	/	/	Pass
		Inner Full	20.14	/	/	19.44	/	/	/	Pass
		Inner 1RB Left	20.01	/	/	19.31	/	/	/	Pass
		Inner 1RB Right	19.77	/	/	19.07	/	/	/	Pass
	3679.98	Edge 1RB Left	19.24	/	/	18.54	/	/	/	Pass
		Edge 1RB Right	20.01	/	/	19.31	/	/	/	Pass
		Outer Full	20.01	/	/	19.31	/	/	/	Pass
		Inner Full	20.06	/	/	19.36	/	/	/	Pass
		Inner 1RB Left	19.29	/	/	18.59	/	/	/	Pass
		Inner 1RB Right	20.07	/	/	19.37	/	/	/	Pass
CP-OFDM QPSK	3570	Edge 1RB Left	20.82	/	/	20.12	/	/	/	Pass
		Edge 1RB Right	20.94	/	/	20.24	/	/	/	Pass
		Outer Full	20.88	/	/	20.18	/	/	/	Pass
		Inner Full	22.47	/	/	21.77	/	/	/	Pass
		Inner 1RB Left	22.11	/	/	21.41	/	/	/	Pass
		Inner 1RB Right	22.42	/	/	21.72	/	/	/	Pass
	3624.99	Edge 1RB Left	21.50	/	/	20.80	/	/	/	Pass
		Edge 1RB Right	21.18	/	/	20.48	/	/	/	Pass
		Outer Full	21.62	/	/	20.92	/	/	/	Pass
		Inner Full	23.21	/	/	22.51	/	/	/	Pass
		Inner 1RB Left	23.10	/	/	22.40	/	/	/	Pass
		Inner 1RB Right	22.82	/	/	22.12	/	/	/	Pass
	3679.98	Edge 1RB Left	20.87	/	/	20.17	/	/	/	Pass
		Edge 1RB Right	21.60	/	/	20.90	/	/	/	Pass
		Outer Full	21.34	/	/	20.64	/	/	/	Pass
		Inner Full	22.86	/	/	22.16	/	/	/	Pass
		Inner 1RB Left	22.37	/	/	21.67	/	/	/	Pass
		Inner 1RB Right	22.93	/	/	22.23	/	/	/	Pass
CP-OFDM 16 QAM	3570	Edge 1RB Left	20.70	/	/	20.00	/	/	/	Pass
		Edge 1RB Right	20.84	/	/	20.14	/	/	/	Pass
		Outer Full	20.95	/	/	20.25	/	/	/	Pass
		Inner Full	22.01	/	/	21.31	/	/	/	Pass
		Inner 1RB Left	21.55	/	/	20.85	/	/	/	Pass
		Inner 1RB Right	21.98	/	/	21.28	/	/	/	Pass
	3624.99	Edge 1RB Left	21.31	/	/	20.61	/	/	/	Pass
		Edge 1RB Right	21.11	/	/	20.41	/	/	/	Pass
		Outer Full	21.59	/	/	20.89	/	/	/	Pass
		Inner Full	22.67	/	/	21.97	/	/	/	Pass
		Inner 1RB Left	22.43	/	/	21.73	/	/	/	Pass
		Inner 1RB Right	22.08	/	/	21.38	/	/	/	Pass
	3679.98	Edge 1RB Left	20.82	/	/	20.12	/	/	/	Pass
		Edge 1RB Right	21.43	/	/	20.73	/	/	/	Pass
		Outer Full	21.38	/	/	20.68	/	/	/	Pass
		Inner Full	22.42	/	/	21.72	/	/	/	Pass
		Inner 1RB Left	21.77	/	/	21.07	/	/	/	Pass
		Inner 1RB Right	22.22	/	/	21.52	/	/	/	Pass
CP-OFDM 64 QAM	3570	Edge 1RB Left	20.22	/	/	19.52	/	/	/	Pass
		Edge 1RB Right	20.48	/	/	19.78	/	/	/	Pass
		Outer Full	20.55	/	/	19.85	/	/	/	Pass
		Inner Full	20.57	/	/	19.87	/	/	/	Pass
		Inner 1RB Left	20.36	/	/	19.66	/	/	/	Pass

	3624.99	Inner_1RB_Right	20.50	/	/	19.80	/	/	/	Pass
		Edge_1RB_Left	21.02	/	/	20.32	/	/	/	Pass
		Edge_1RB_Right	20.69	/	/	19.99	/	/	/	Pass
		Outer_Full	21.16	/	/	20.46	/	/	/	Pass
		Inner_Full	21.21	/	/	20.51	/	/	/	Pass
		Inner_1RB_Left	21.17	/	/	20.47	/	/	/	Pass
		Inner_1RB_Right	20.85	/	/	20.15	/	/	/	Pass
	3679.98	Edge_1RB_Left	20.26	/	/	19.56	/	/	/	Pass
		Edge_1RB_Right	21.02	/	/	20.32	/	/	/	Pass
		Outer_Full	20.83	/	/	20.13	/	/	/	Pass
		Inner_Full	21.01	/	/	20.31	/	/	/	Pass
		Inner_1RB_Left	20.53	/	/	19.83	/	/	/	Pass
		Inner_1RB_Right	21.07	/	/	20.37	/	/	/	Pass
	CP-OFDM 256 QAM	3570	Edge_1RB_Left	17.18	/	/	16.48	/	/	/
Edge_1RB_Right			17.26	/	/	16.56	/	/	/	Pass
Outer_Full			17.47	/	/	16.77	/	/	/	Pass
Inner_Full			17.52	/	/	16.82	/	/	/	Pass
Inner_1RB_Left			17.05	/	/	16.35	/	/	/	Pass
Inner_1RB_Right			17.43	/	/	16.73	/	/	/	Pass
3624.99		Edge_1RB_Left	17.80	/	/	17.10	/	/	/	Pass
		Edge_1RB_Right	17.60	/	/	16.90	/	/	/	Pass
		Outer_Full	18.18	/	/	17.48	/	/	/	Pass
		Inner_Full	18.21	/	/	17.51	/	/	/	Pass
		Inner_1RB_Left	17.95	/	/	17.25	/	/	/	Pass
		Inner_1RB_Right	17.61	/	/	16.91	/	/	/	Pass
3679.98		Edge_1RB_Left	17.32	/	/	16.62	/	/	/	Pass
		Edge_1RB_Right	18.13	/	/	17.43	/	/	/	Pass
		Outer_Full	17.85	/	/	17.15	/	/	/	Pass
		Inner_Full	17.97	/	/	17.27	/	/	/	Pass
		Inner_1RB_Left	17.25	/	/	16.55	/	/	/	Pass
		Inner_1RB_Right	17.98	/	/	17.28	/	/	/	Pass
Note1: Antenna Gain: Ant3: -0.70dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30k_SISO_40MHz_NTNV_EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Edge 1RB Left	23.46	/	/	22.76	/	/	<=23	Pass
		Edge 1RB Right	22.93	/	/	22.23	/	/	<=23	Pass
		Outer Full	17.69	/	/	16.99	/	/	<=23	Pass
		Inner Full	20.57	/	/	19.87	/	/	<=23	Pass
		Inner 1RB Left	22.92	/	/	22.22	/	/	<=23	Pass
		Inner 1RB Right	22.82	/	/	22.12	/	/	<=23	Pass
	3624.99	Edge 1RB Left	23.54	/	/	22.84	/	/	<=23	Pass
		Edge 1RB Right	22.83	/	/	22.13	/	/	<=23	Pass
		Outer Full	18.97	/	/	18.27	/	/	<=23	Pass
		Inner Full	21.21	/	/	20.51	/	/	<=23	Pass
		Inner 1RB Left	23.50	/	/	22.80	/	/	<=23	Pass
		Inner 1RB Right	23.27	/	/	22.57	/	/	<=23	Pass
	3679.98	Edge 1RB Left	23.36	/	/	22.66	/	/	<=23	Pass
		Edge 1RB Right	22.82	/	/	22.12	/	/	<=23	Pass
		Outer Full	19.14	/	/	18.44	/	/	<=23	Pass
		Inner Full	22.07	/	/	21.37	/	/	<=23	Pass
		Inner 1RB Left	22.90	/	/	22.20	/	/	<=23	Pass
		Inner 1RB Right	23.07	/	/	22.37	/	/	<=23	Pass

DFT-s-OFDM QPSK	3570	Edge_1RB_Left	23.07	/	/	22.37	/	/	<=23	Pass
		Edge_1RB_Right	23.39	/	/	22.69	/	/	<=23	Pass
		Outer_Full	17.45	/	/	16.75	/	/	<=23	Pass
		Inner_Full	20.62	/	/	19.92	/	/	<=23	Pass
		Inner_1RB_Left	23.09	/	/	22.39	/	/	<=23	Pass
		Inner_1RB_Right	23.61	/	/	22.91	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	23.53	/	/	22.83	/	/	<=23	Pass
		Edge_1RB_Right	23.33	/	/	22.63	/	/	<=23	Pass
		Outer_Full	18.52	/	/	17.82	/	/	<=23	Pass
		Inner_Full	21.25	/	/	20.55	/	/	<=23	Pass
		Inner_1RB_Left	22.96	/	/	22.26	/	/	<=23	Pass
		Inner_1RB_Right	23.33	/	/	22.63	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	23.15	/	/	22.45	/	/	<=23	Pass
		Edge_1RB_Right	23.55	/	/	22.85	/	/	<=23	Pass
		Outer_Full	20.84	/	/	20.14	/	/	<=23	Pass
		Inner_Full	22.89	/	/	22.19	/	/	<=23	Pass
		Inner_1RB_Left	23.67	/	/	22.97	/	/	<=23	Pass
		Inner_1RB_Right	22.72	/	/	22.02	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3570	Edge_1RB_Left	22.43	/	/	21.73	/	/	<=23	Pass
		Edge_1RB_Right	22.43	/	/	21.73	/	/	<=23	Pass
		Outer_Full	16.96	/	/	16.26	/	/	<=23	Pass
		Inner_Full	20.69	/	/	19.99	/	/	<=23	Pass
		Inner_1RB_Left	23.63	/	/	22.93	/	/	<=23	Pass
		Inner_1RB_Right	23.48	/	/	22.78	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	22.31	/	/	21.61	/	/	<=23	Pass
		Edge_1RB_Right	23.05	/	/	22.35	/	/	<=23	Pass
		Outer_Full	16.97	/	/	16.27	/	/	<=23	Pass
		Inner_Full	21.38	/	/	20.68	/	/	<=23	Pass
		Inner_1RB_Left	23.03	/	/	22.33	/	/	<=23	Pass
		Inner_1RB_Right	23.56	/	/	22.86	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	22.99	/	/	22.29	/	/	<=23	Pass
		Edge_1RB_Right	22.35	/	/	21.65	/	/	<=23	Pass
		Outer_Full	16.01	/	/	15.31	/	/	<=23	Pass
		Inner_Full	22.65	/	/	21.95	/	/	<=23	Pass
		Inner_1RB_Left	23.03	/	/	22.33	/	/	<=23	Pass
		Inner_1RB_Right	23.67	/	/	22.97	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3570	Edge_1RB_Left	22.75	/	/	22.05	/	/	<=23	Pass
		Edge_1RB_Right	22.27	/	/	21.57	/	/	<=23	Pass
		Outer_Full	16.58	/	/	15.88	/	/	<=23	Pass
		Inner_Full	19.56	/	/	18.86	/	/	<=23	Pass
		Inner_1RB_Left	22.60	/	/	21.90	/	/	<=23	Pass
		Inner_1RB_Right	22.29	/	/	21.59	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	22.47	/	/	21.77	/	/	<=23	Pass
		Edge_1RB_Right	22.76	/	/	22.06	/	/	<=23	Pass
		Outer_Full	16.91	/	/	16.21	/	/	<=23	Pass
		Inner_Full	20.10	/	/	19.40	/	/	<=23	Pass
		Inner_1RB_Left	23.12	/	/	22.42	/	/	<=23	Pass
		Inner_1RB_Right	22.85	/	/	22.15	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	23.35	/	/	22.65	/	/	<=23	Pass
		Edge_1RB_Right	20.36	/	/	19.66	/	/	<=23	Pass
		Outer_Full	17.76	/	/	17.06	/	/	<=23	Pass
		Inner_Full	20.72	/	/	20.02	/	/	<=23	Pass
		Inner_1RB_Left	23.54	/	/	22.84	/	/	<=23	Pass
		Inner_1RB_Right	19.78	/	/	19.08	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3570	Edge_1RB_Left	20.35	/	/	19.65	/	/	<=23	Pass
		Edge_1RB_Right	19.62	/	/	18.92	/	/	<=23	Pass
		Outer_Full	14.46	/	/	13.76	/	/	<=23	Pass
		Inner_Full	17.09	/	/	16.39	/	/	<=23	Pass
		Inner_1RB_Left	20.17	/	/	19.47	/	/	<=23	Pass

		Inner_1RB_Right	20.10	/	/	19.40	/	/	<=23	Pass
		Edge_1RB_Left	20.37	/	/	19.67	/	/	<=23	Pass
		Edge_1RB_Right	21.00	/	/	20.30	/	/	<=23	Pass
		Outer_Full	14.72	/	/	14.02	/	/	<=23	Pass
		Inner_Full	17.43	/	/	16.73	/	/	<=23	Pass
		Inner_1RB_Left	19.80	/	/	19.10	/	/	<=23	Pass
		Inner_1RB_Right	20.59	/	/	19.89	/	/	<=23	Pass
		Edge_1RB_Left	21.52	/	/	20.82	/	/	<=23	Pass
		Edge_1RB_Right	21.63	/	/	20.93	/	/	<=23	Pass
		Outer_Full	16.96	/	/	16.26	/	/	<=23	Pass
		Inner_Full	19.03	/	/	18.33	/	/	<=23	Pass
		Inner_1RB_Left	21.65	/	/	20.95	/	/	<=23	Pass
		Inner_1RB_Right	22.33	/	/	21.63	/	/	<=23	Pass
		Edge_1RB_Left	22.36	/	/	21.66	/	/	<=23	Pass
CP-OFDM QPSK	3570	Edge_1RB_Right	21.89	/	/	21.19	/	/	<=23	Pass
		Outer_Full	15.24	/	/	14.54	/	/	<=23	Pass
		Inner_Full	19.63	/	/	18.93	/	/	<=23	Pass
		Inner_1RB_Left	23.50	/	/	22.80	/	/	<=23	Pass
		Inner_1RB_Right	22.80	/	/	22.10	/	/	<=23	Pass
		Edge_1RB_Left	21.47	/	/	20.77	/	/	<=23	Pass
	3624.99	Edge_1RB_Right	22.12	/	/	21.42	/	/	<=23	Pass
		Outer_Full	16.12	/	/	15.42	/	/	<=23	Pass
		Inner_Full	20.78	/	/	20.08	/	/	<=23	Pass
		Inner_1RB_Left	23.52	/	/	22.82	/	/	<=23	Pass
		Inner_1RB_Right	23.59	/	/	22.89	/	/	<=23	Pass
		Edge_1RB_Left	23.09	/	/	22.39	/	/	<=23	Pass
CP-OFDM 16 QAM	3570	Edge_1RB_Right	23.39	/	/	22.69	/	/	<=23	Pass
		Outer_Full	16.62	/	/	15.92	/	/	<=23	Pass
		Inner_Full	23.20	/	/	22.50	/	/	<=23	Pass
		Inner_1RB_Left	23.35	/	/	22.65	/	/	<=23	Pass
		Inner_1RB_Right	23.14	/	/	22.44	/	/	<=23	Pass
		Edge_1RB_Left	21.95	/	/	21.25	/	/	<=23	Pass
	3624.99	Edge_1RB_Right	21.80	/	/	21.10	/	/	<=23	Pass
		Outer_Full	15.57	/	/	14.87	/	/	<=23	Pass
		Inner_Full	19.68	/	/	18.98	/	/	<=23	Pass
		Inner_1RB_Left	22.98	/	/	22.28	/	/	<=23	Pass
		Inner_1RB_Right	22.67	/	/	21.97	/	/	<=23	Pass
		Edge_1RB_Left	21.71	/	/	21.01	/	/	<=23	Pass
CP-OFDM 64 QAM	3570	Edge_1RB_Right	21.92	/	/	21.22	/	/	<=23	Pass
		Outer_Full	16.25	/	/	15.55	/	/	<=23	Pass
		Inner_Full	20.46	/	/	19.76	/	/	<=23	Pass
		Inner_1RB_Left	22.54	/	/	21.84	/	/	<=23	Pass
		Inner_1RB_Right	23.46	/	/	22.76	/	/	<=23	Pass
		Edge_1RB_Left	23.18	/	/	22.48	/	/	<=23	Pass
	3624.99	Edge_1RB_Right	23.69	/	/	22.99	/	/	<=23	Pass
		Outer_Full	17.05	/	/	16.35	/	/	<=23	Pass
		Inner_Full	20.91	/	/	20.21	/	/	<=23	Pass
		Inner_1RB_Left	23.22	/	/	22.52	/	/	<=23	Pass
		Inner_1RB_Right	23.61	/	/	22.91	/	/	<=23	Pass
		Edge_1RB_Left	21.40	/	/	20.70	/	/	<=23	Pass
CP-OFDM 64 QAM	3570	Edge_1RB_Right	21.12	/	/	20.42	/	/	<=23	Pass
		Outer_Full	15.39	/	/	14.69	/	/	<=23	Pass
		Inner_Full	17.55	/	/	16.85	/	/	<=23	Pass
		Inner_1RB_Left	21.11	/	/	20.41	/	/	<=23	Pass
		Inner_1RB_Right	22.18	/	/	21.48	/	/	<=23	Pass
		Edge_1RB_Left	21.26	/	/	20.56	/	/	<=23	Pass
	3624.99	Edge_1RB_Right	22.12	/	/	21.42	/	/	<=23	Pass
		Outer_Full	15.20	/	/	14.50	/	/	<=23	Pass
		Inner_Full	18.42	/	/	17.72	/	/	<=23	Pass

		Inner 1RB Left	21.71	/	/	21.01	/	/	<=23	Pass	
		Inner 1RB Right	21.60	/	/	20.90	/	/	<=23	Pass	
	3679.98	Edge 1RB Left	22.30	/	/	21.60	/	/	<=23	Pass	
		Edge 1RB Right	21.61	/	/	20.91	/	/	<=23	Pass	
		Outer Full	16.55	/	/	15.85	/	/	<=23	Pass	
		Inner Full	19.28	/	/	18.58	/	/	<=23	Pass	
		Inner 1RB Left	22.60	/	/	21.90	/	/	<=23	Pass	
		Inner 1RB Right	21.22	/	/	20.52	/	/	<=23	Pass	
CP-OFDM 256 QAM	3570	Edge 1RB Left	18.73	/	/	18.03	/	/	<=23	Pass	
		Edge 1RB Right	18.16	/	/	17.46	/	/	<=23	Pass	
		Outer Full	11.77	/	/	11.07	/	/	<=23	Pass	
		Inner Full	14.78	/	/	14.08	/	/	<=23	Pass	
		Inner 1RB Left	18.29	/	/	17.59	/	/	<=23	Pass	
		Inner 1RB Right	17.88	/	/	17.18	/	/	<=23	Pass	
	3624.99	Edge 1RB Left	18.61	/	/	17.91	/	/	<=23	Pass	
		Edge 1RB Right	18.44	/	/	17.74	/	/	<=23	Pass	
		Outer Full	12.78	/	/	12.08	/	/	<=23	Pass	
		Inner Full	15.62	/	/	14.92	/	/	<=23	Pass	
		Inner 1RB Left	18.69	/	/	17.99	/	/	<=23	Pass	
		Inner 1RB Right	18.54	/	/	17.84	/	/	<=23	Pass	
	3679.98	Edge 1RB Left	19.29	/	/	18.59	/	/	<=23	Pass	
		Edge 1RB Right	18.85	/	/	18.15	/	/	<=23	Pass	
		Outer Full	13.83	/	/	13.13	/	/	<=23	Pass	
		Inner Full	16.40	/	/	15.70	/	/	<=23	Pass	
		Inner 1RB Left	19.45	/	/	18.75	/	/	<=23	Pass	
		Inner 1RB Right	20.04	/	/	19.34	/	/	<=23	Pass	
	Note1: Antenna Gain: Ant3: -0.70dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_40MHz

5G NR n48 SCS=30kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	3.30	0.0009	>=-2.5 & <=2.5	Pass
				HV	-7.90	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-12.70	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-15.80	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-17.30	-0.0048	>=-2.5 & <=2.5	Pass
			10	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-8.30	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-9.80	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-11.50	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-16.40	-0.0045	>=-2.5 & <=2.5	Pass
			-30	NV	-12.30	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-15.00	-0.0041	>=-2.5 & <=2.5	Pass
			10	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	7.20	0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-13.80	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-12.40	-0.0034	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-12.20	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-13.30	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-18.80	-0.0052	>=-2.5 & <=2.5	Pass
			-20	NV	2.70	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	4.20	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-15.00	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	-8.70	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	9.40	0.0026	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-29.00	-0.0080	>=-2.5 & <=2.5	Pass
				HV	-7.30	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-13.30	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-14.90	-0.0041	>=-2.5 & <=2.5	Pass
			-10	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-14.40	-0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-2.30	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-9.80	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-15.70	-0.0043	>=-2.5 & <=2.5	Pass
			40	NV	-16.50	-0.0046	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	NV	-1.80	-0.0005	>=-2.5 & <=2.5	Pass
				LV	-11.70	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-10.40	-0.0029	>=-2.5 & <=2.5	Pass

			-30	NV	-18.30	-0.0050	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-12.60	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.60	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-14.40	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-16.30	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			40	NV	4.20	0.0012	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-8.30	-0.0023	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	0.80	0.0002	≥ -2.5 & ≤ 2.5	Pass
				HV	-13.00	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.80	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-23.70	-0.0065	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.00	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-12.10	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.90	-0.0025	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	40	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-14.50	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-25.80	-0.0071	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	6.40	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-10.90	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-12.60	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.50	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-12.00	-0.0033	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	NV	5.10	0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-14.90	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-8.70	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-14.30	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			20	LV	15.60	0.0043	≥ -2.5 & ≤ 2.5	Pass
				HV	-12.40	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.20	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-24.70	-0.0068	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	0	NV	-18.90	-0.0052	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.50	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-17.00	-0.0047	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-12.80	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			40	NV	8.60	0.0024	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-1.90	-0.0005	≥ -2.5 & ≤ 2.5	Pass
				HV	-10.00	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.40	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.00	0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.80	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.50	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.90	0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-16.50	-0.0046	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-16.20	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-21.70	-0.0060	≥ -2.5 & ≤ 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_20MHz_NTNV

5G NR n48 SCS=30kHz SISO 20MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3560.01	Outer_Full	18.07	19.78	/	Pass
	3624.99	Outer_Full	18.12	19.30	/	Pass
	3690	Outer_Full	17.98	19.73	/	Pass
DFT-s-OFDM QPSK	3560.01	Outer_Full	18.10	19.86	/	Pass
	3624.99	Outer_Full	18.11	19.45	/	Pass
	3690	Outer_Full	17.95	19.50	/	Pass
DFT-s-OFDM 16 QAM	3560.01	Outer_Full	18.10	19.85	/	Pass
	3624.99	Outer_Full	18.01	19.26	/	Pass
	3690	Outer_Full	18.14	19.32	/	Pass
DFT-s-OFDM 64 QAM	3560.01	Outer_Full	18.06	19.69	/	Pass
	3624.99	Outer_Full	18.10	19.75	/	Pass
	3690	Outer_Full	18.13	19.58	/	Pass
DFT-s-OFDM 256 QAM	3560.01	Outer_Full	18.06	19.80	/	Pass
	3624.99	Outer_Full	18.12	19.85	/	Pass
	3690	Outer_Full	18.05	19.29	/	Pass
CP-OFDM QPSK	3560.01	Outer_Full	18.42	20.08	/	Pass
	3624.99	Outer_Full	18.27	19.75	/	Pass
	3690	Outer_Full	18.30	19.71	/	Pass
CP-OFDM 16 QAM	3560.01	Outer_Full	18.38	20.50	/	Pass
	3624.99	Outer_Full	18.39	19.61	/	Pass
	3690	Outer_Full	18.36	19.66	/	Pass
CP-OFDM 64 QAM	3560.01	Outer_Full	18.39	20.39	/	Pass
	3624.99	Outer_Full	18.38	20.16	/	Pass
	3690	Outer_Full	18.36	19.72	/	Pass
CP-OFDM 256 QAM	3560.01	Outer_Full	18.31	20.18	/	Pass
	3624.99	Outer_Full	18.28	19.98	/	Pass
	3690	Outer_Full	18.36	19.76	/	Pass

3.1.2 30k_SISO_30MHz_NTNV

5G NR n48 SCS=30kHz SISO 30MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3565.02	Outer_Full	27.29	29.23	/	Pass
	3624.99	Outer_Full	27.04	28.89	/	Pass
	3684.99	Outer_Full	27.25	28.87	/	Pass
DFT-s-OFDM QPSK	3565.02	Outer_Full	27.08	28.97	/	Pass
	3624.99	Outer_Full	27.22	28.91	/	Pass
	3684.99	Outer_Full	27.20	29.15	/	Pass
DFT-s-OFDM 16 QAM	3565.02	Outer_Full	27.02	28.86	/	Pass
	3624.99	Outer_Full	27.14	28.86	/	Pass
	3684.99	Outer_Full	27.14	28.82	/	Pass
DFT-s-OFDM 64 QAM	3565.02	Outer_Full	27.16	28.86	/	Pass
	3624.99	Outer_Full	27.01	29.03	/	Pass
	3684.99	Outer_Full	27.34	29.09	/	Pass
DFT-s-OFDM 256 QAM	3565.02	Outer_Full	27.16	29.16	/	Pass
	3624.99	Outer_Full	27.09	28.96	/	Pass
	3684.99	Outer_Full	27.03	29.05	/	Pass
CP-OFDM QPSK	3565.02	Outer_Full	28.05	30.10	/	Pass
	3624.99	Outer_Full	27.88	30.02	/	Pass
	3684.99	Outer_Full	28.05	30.14	/	Pass
CP-OFDM 16 QAM	3565.02	Outer_Full	28.14	30.49	/	Pass

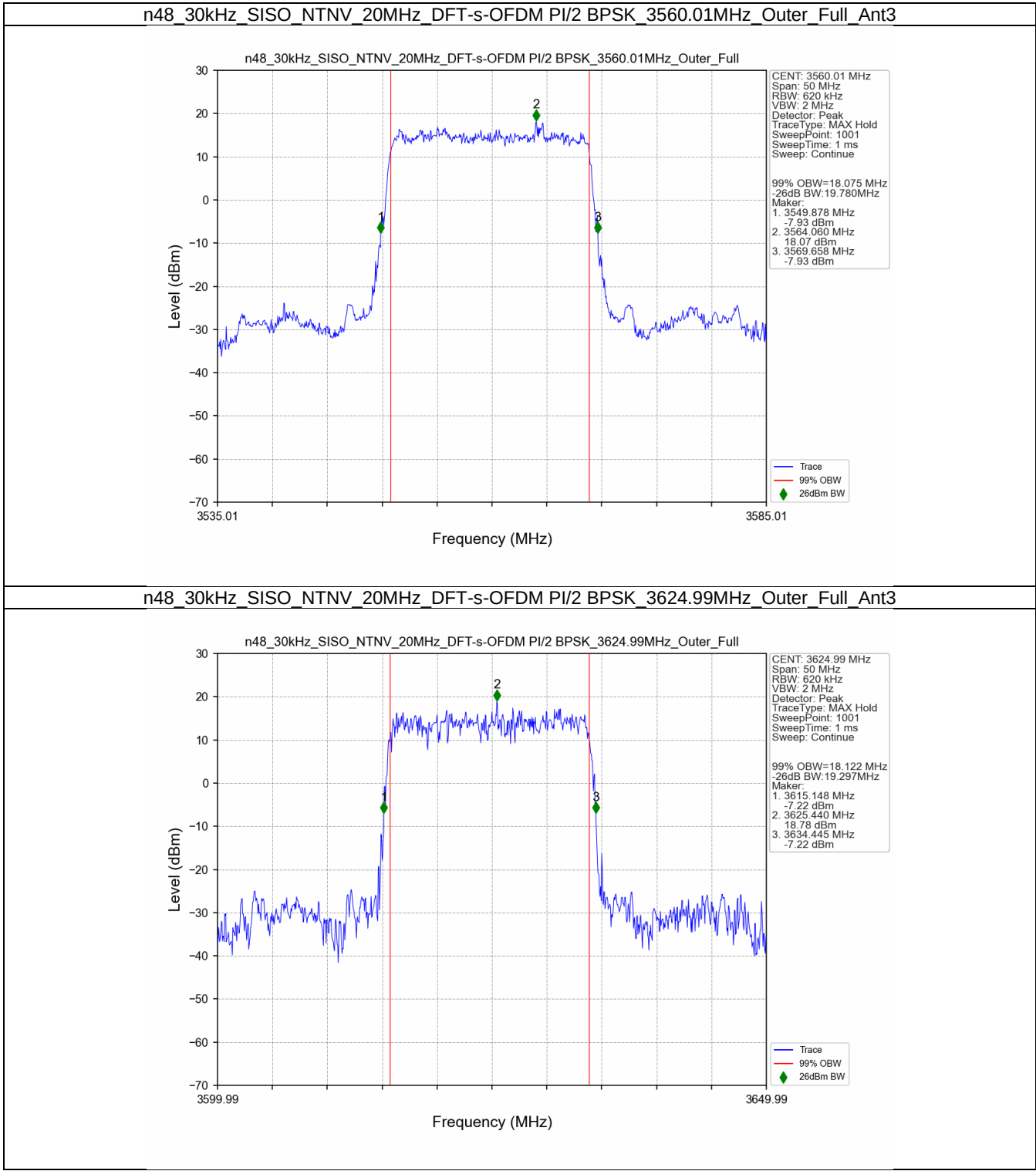
CP-OFDM 64 QAM	3624.99	Outer_Full	28.09	29.84	/	Pass
	3684.99	Outer_Full	28.16	30.10	/	Pass
	3565.02	Outer_Full	28.11	31.18	/	Pass
	3624.99	Outer_Full	27.86	29.91	/	Pass
	3684.99	Outer_Full	28.04	29.90	/	Pass
CP-OFDM 256 QAM	3565.02	Outer_Full	27.87	30.20	/	Pass
	3624.99	Outer_Full	28.09	29.98	/	Pass
	3684.99	Outer_Full	28.25	29.90	/	Pass

3.1.3 30k_SISO_40MHz_NTNV

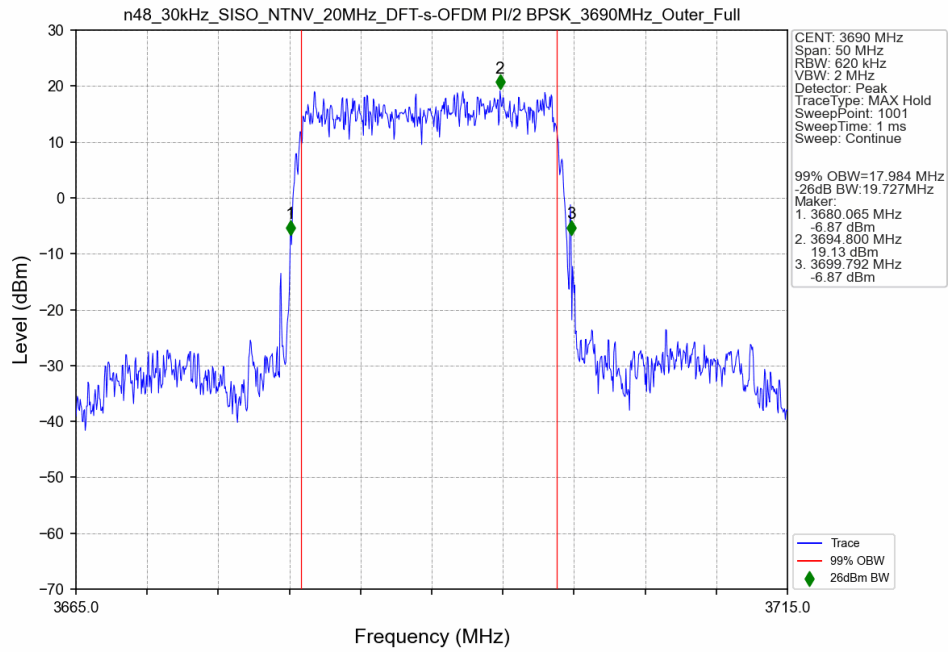
5G NR n48 SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3570	Outer_Full	36.20	38.79	/	Pass
	3624.99	Outer_Full	36.04	38.38	/	Pass
	3679.98	Outer_Full	35.99	38.91	/	Pass
DFT-s-OFDM QPSK	3570	Outer_Full	36.21	38.60	/	Pass
	3624.99	Outer_Full	36.09	38.57	/	Pass
	3679.98	Outer_Full	36.06	38.53	/	Pass
DFT-s-OFDM 16 QAM	3570	Outer_Full	35.97	38.67	/	Pass
	3624.99	Outer_Full	35.80	38.91	/	Pass
	3679.98	Outer_Full	35.89	38.21	/	Pass
DFT-s-OFDM 64 QAM	3570	Outer_Full	36.10	38.56	/	Pass
	3624.99	Outer_Full	36.06	38.43	/	Pass
	3679.98	Outer_Full	36.17	38.51	/	Pass
DFT-s-OFDM 256 QAM	3570	Outer_Full	36.00	38.83	/	Pass
	3624.99	Outer_Full	36.09	38.36	/	Pass
	3679.98	Outer_Full	36.04	38.30	/	Pass
CP-OFDM QPSK	3570	Outer_Full	38.15	40.68	/	Pass
	3624.99	Outer_Full	38.10	40.55	/	Pass
	3679.98	Outer_Full	37.96	40.72	/	Pass
CP-OFDM 16 QAM	3570	Outer_Full	38.06	40.80	/	Pass
	3624.99	Outer_Full	38.09	40.54	/	Pass
	3679.98	Outer_Full	37.94	40.69	/	Pass
CP-OFDM 64 QAM	3570	Outer_Full	38.09	40.55	/	Pass
	3624.99	Outer_Full	38.17	40.78	/	Pass
	3679.98	Outer_Full	38.04	40.57	/	Pass
CP-OFDM 256 QAM	3570	Outer_Full	37.98	40.62	/	Pass
	3624.99	Outer_Full	38.05	40.67	/	Pass
	3679.98	Outer_Full	38.19	40.61	/	Pass

3.2 Test Graph

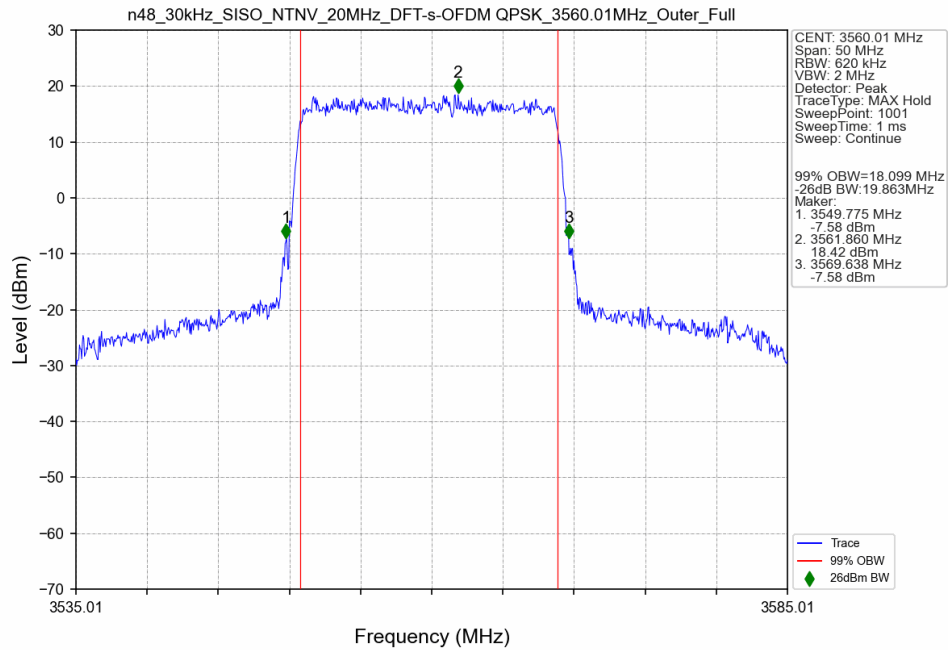
3.2.1 30k_SISO_20MHz_NTNV



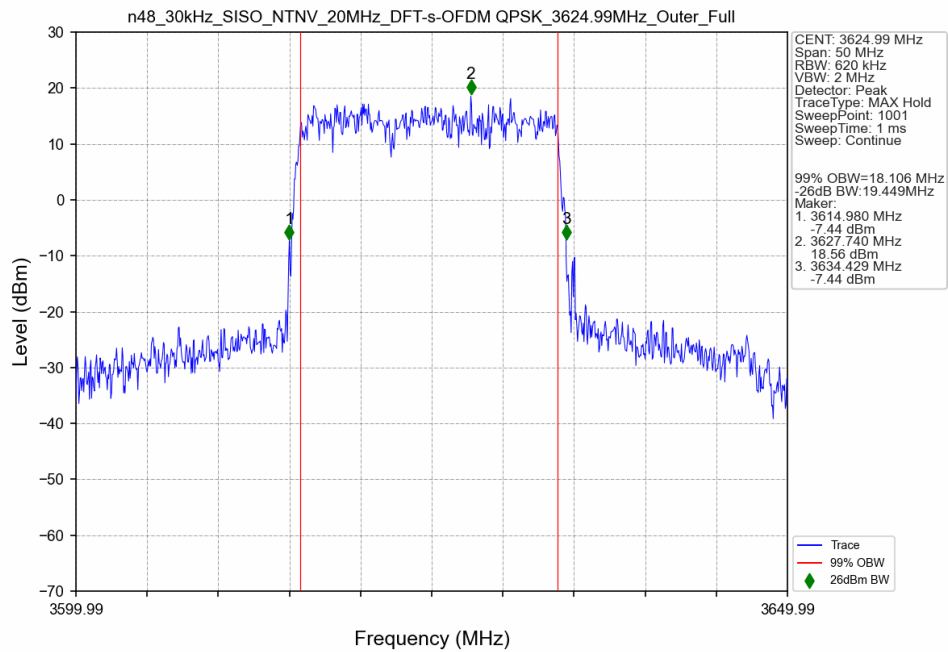
n48 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3690MHz Outer Full Ant3



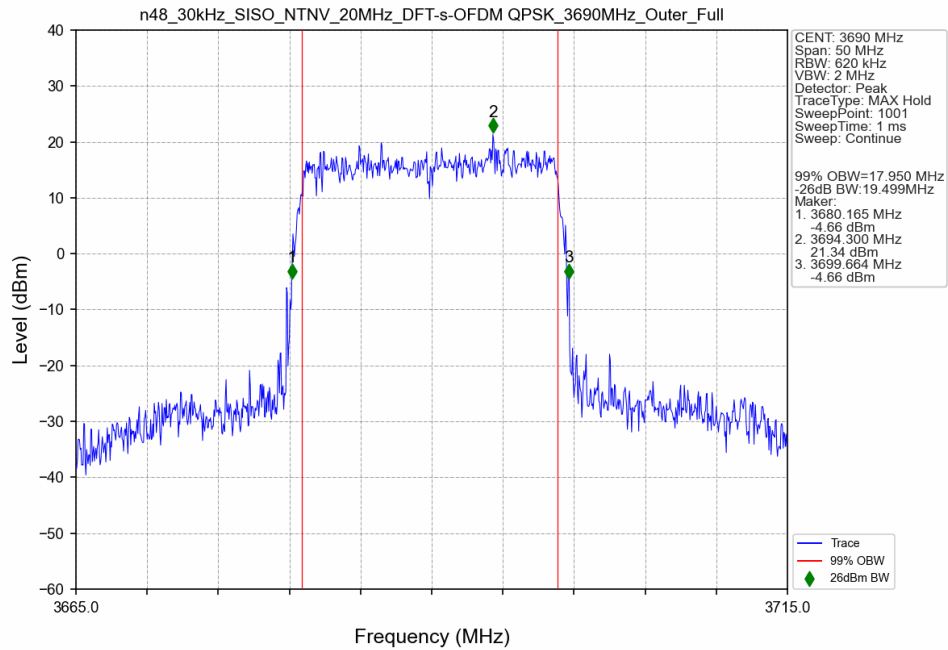
n48 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3560.01MHz Outer Full Ant3



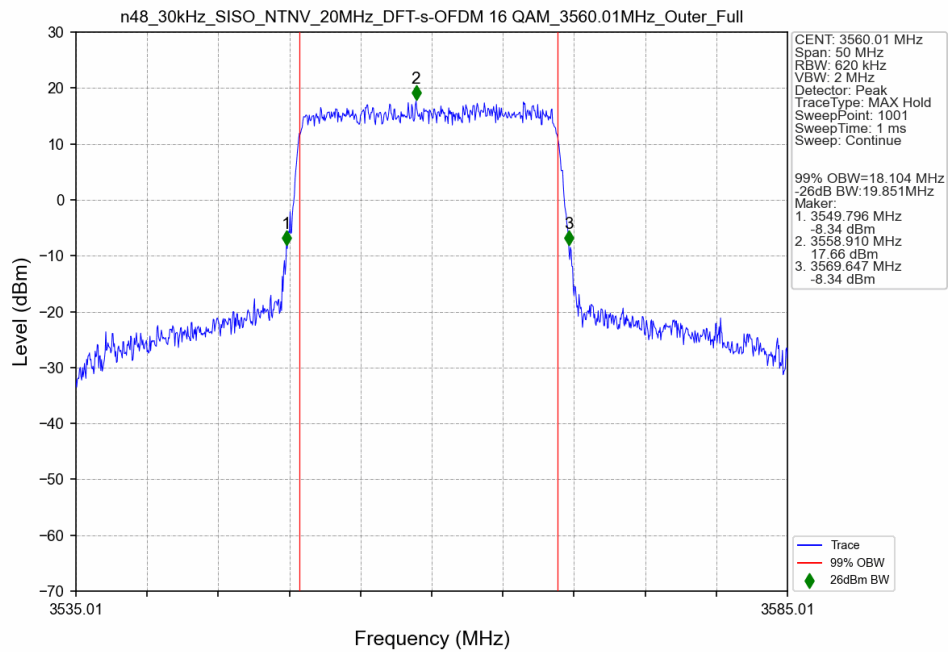
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3624.99MHz_Outer_Full_Ant3



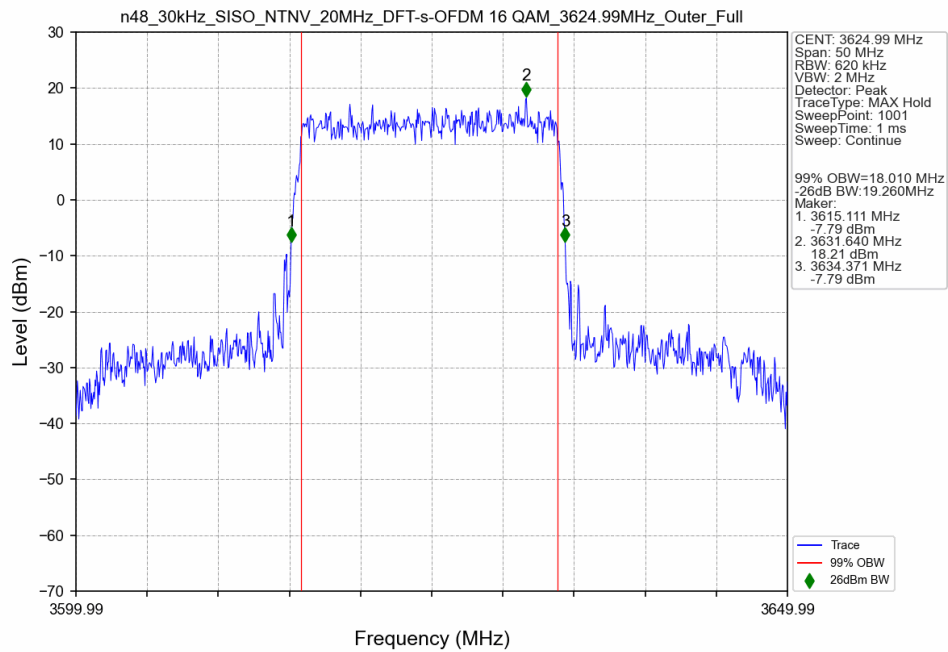
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3690MHz_Outer_Full_Ant3



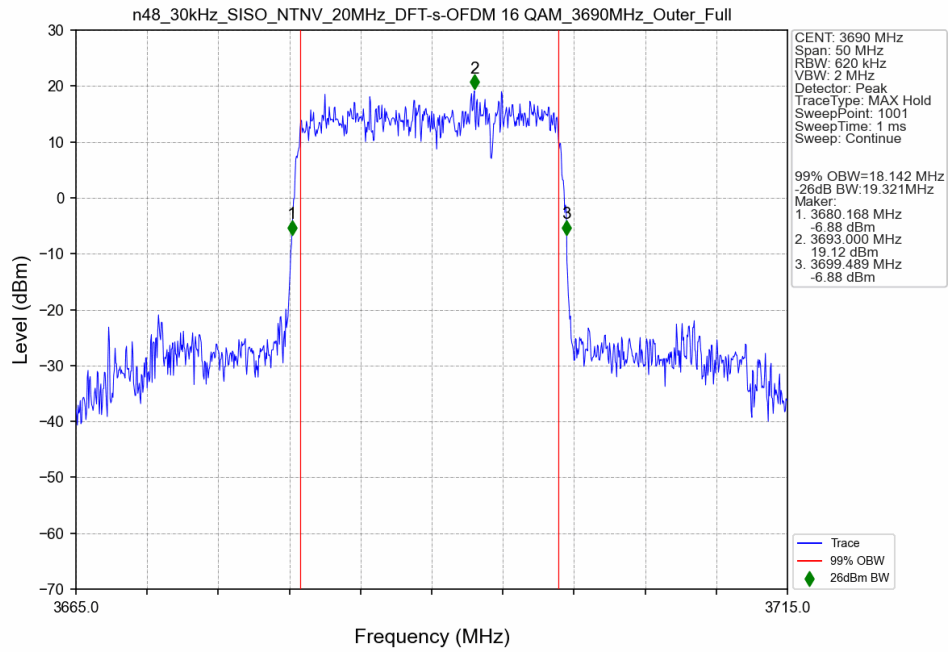
n48 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3560.01MHz Outer Full Ant3



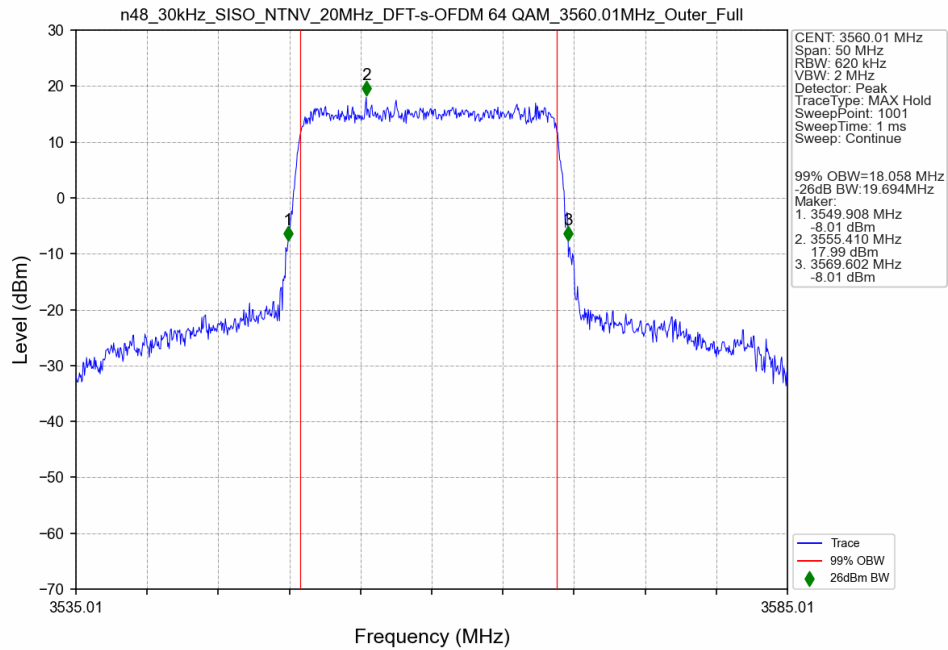
n48 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3624.99MHz Outer Full Ant3



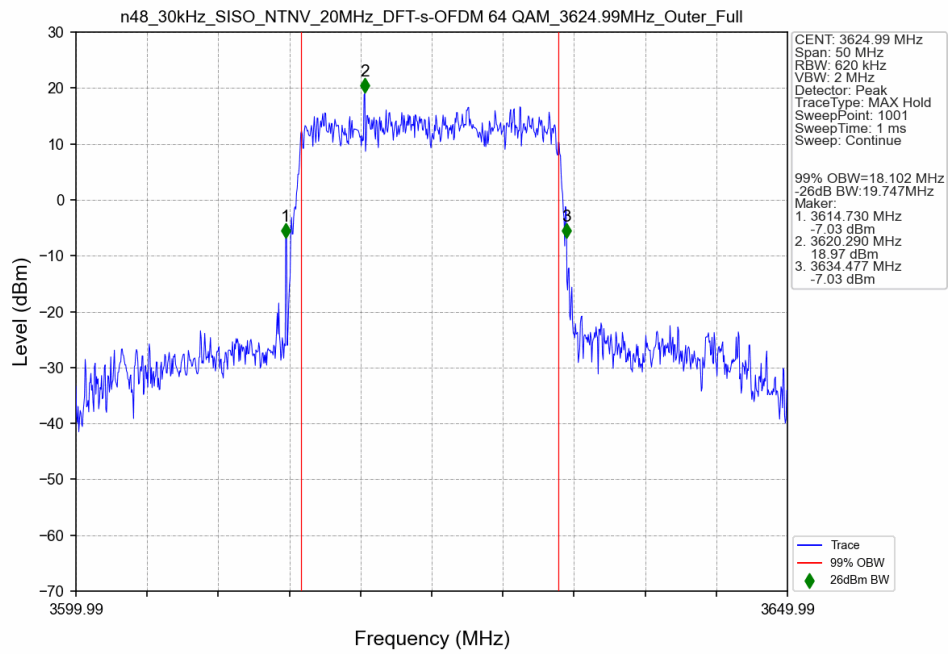
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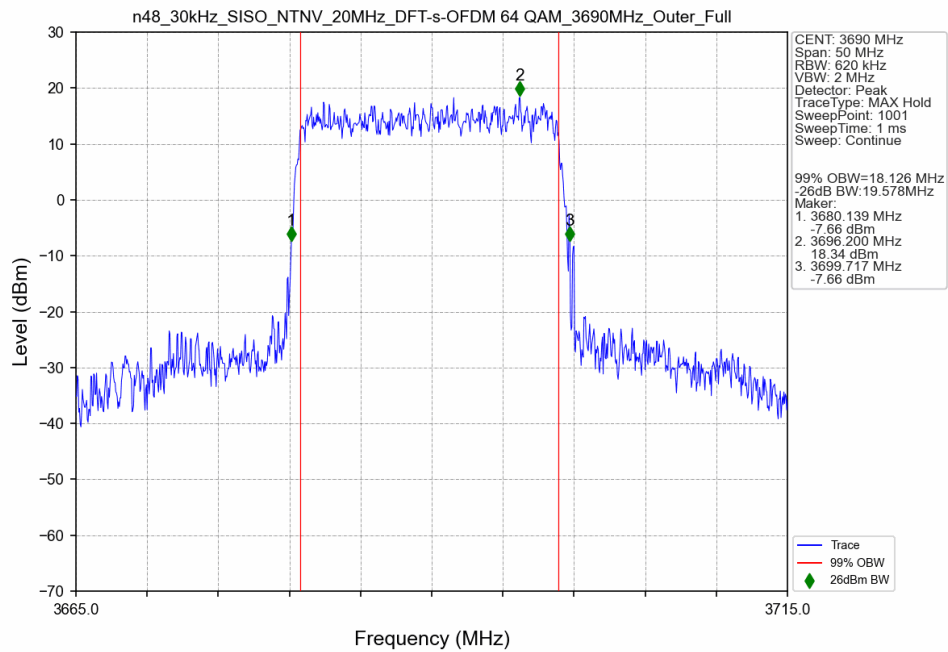
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3560.01MHz_Outer_Full_Ant3



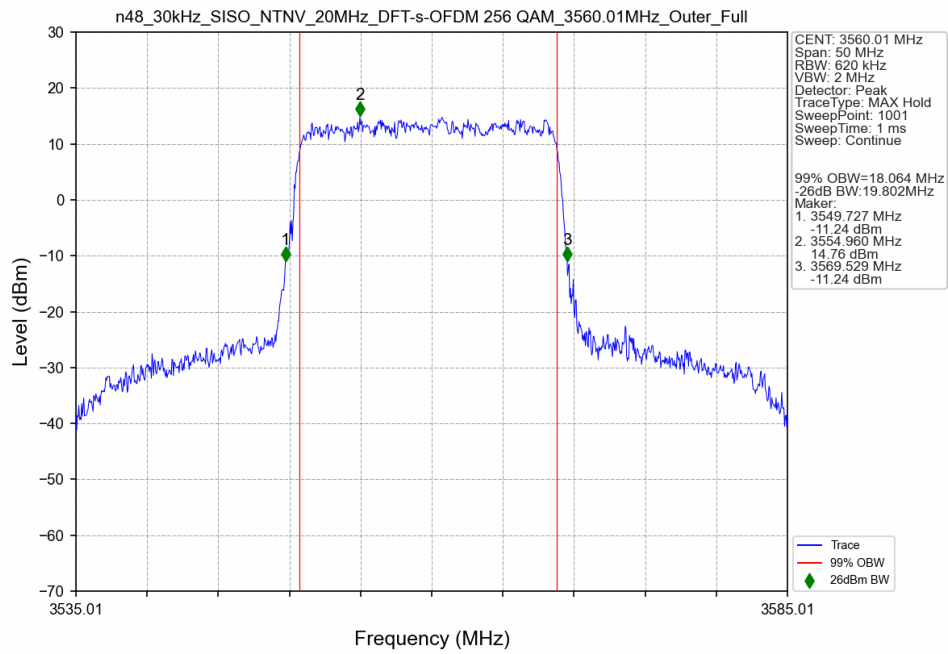
n48 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3624.99MHz Outer Full Ant3



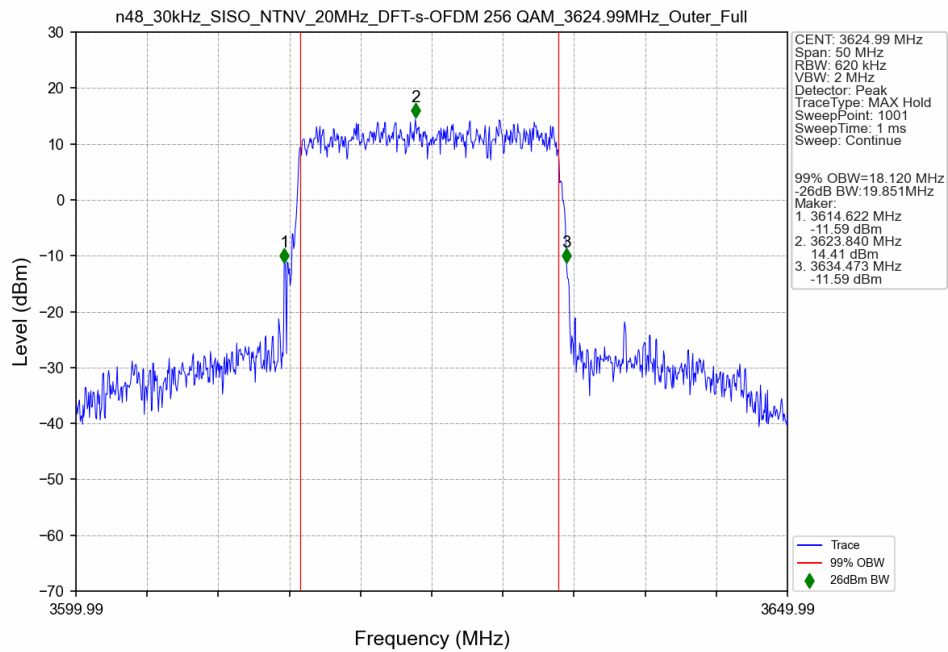
n48 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3690MHz Outer Full Ant3



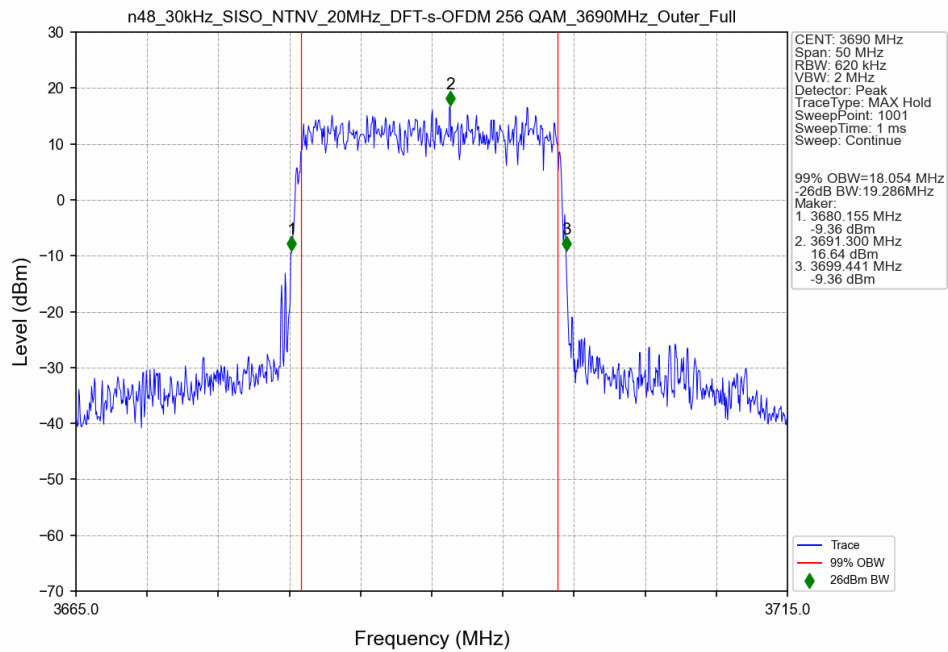
n48 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3560.01MHz Outer Full Ant3



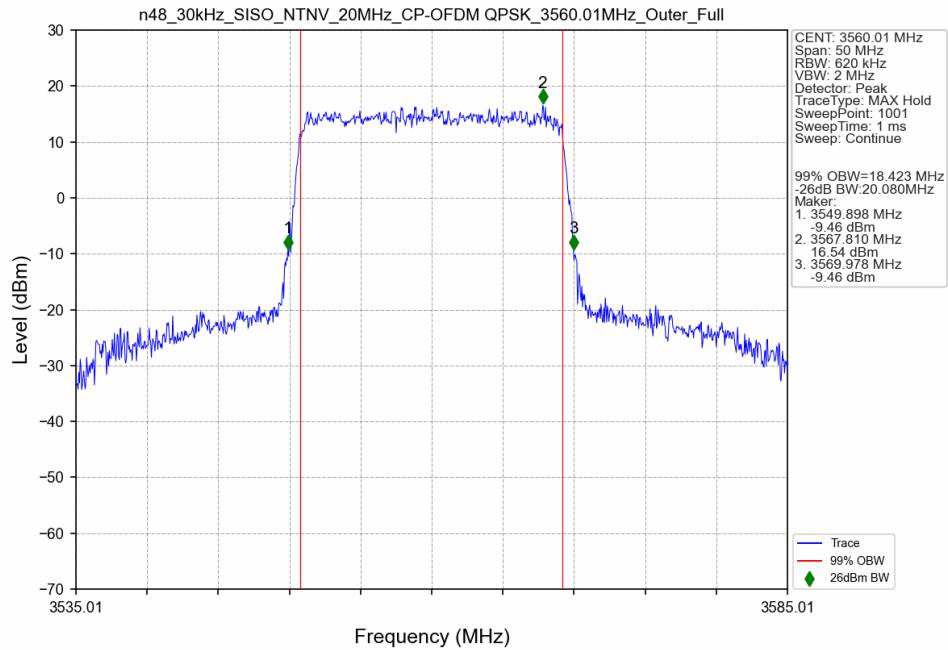
n48 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3624.99MHz Outer Full Ant3



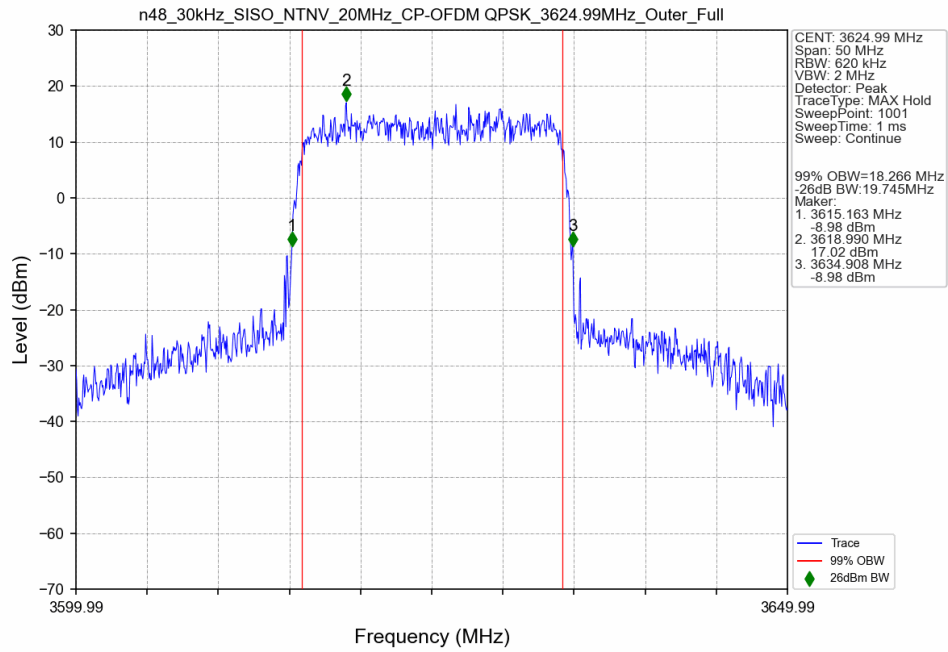
n48 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3690MHz Outer Full Ant3



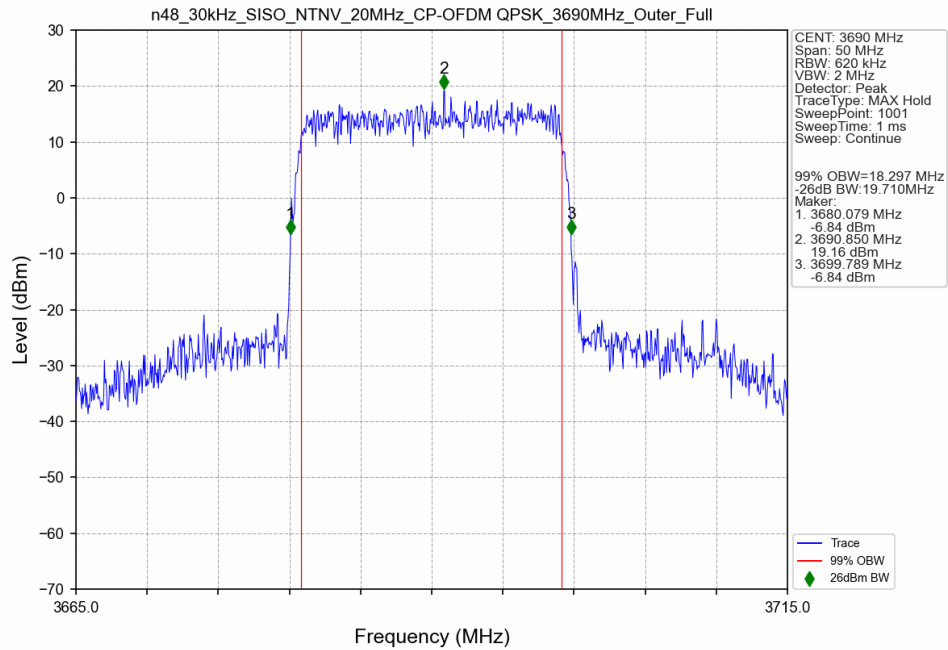
n48 30kHz SISO NTN 20MHz CP-OFDM QPSK 3560.01MHz Outer Full Ant3



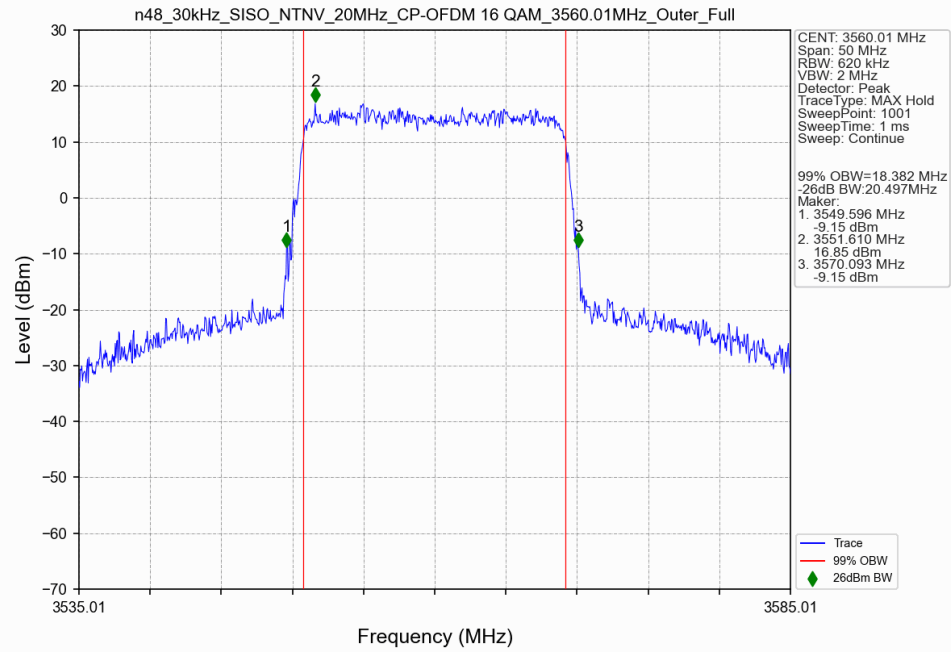
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3624.99MHz_Outer_Full_Ant3



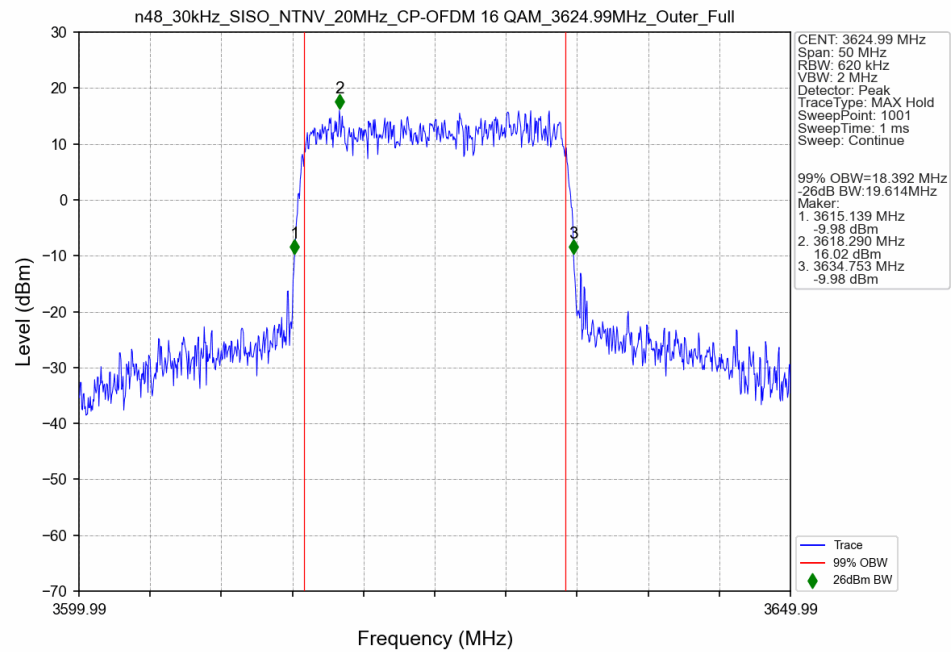
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3690MHz_Outer_Full_Ant3



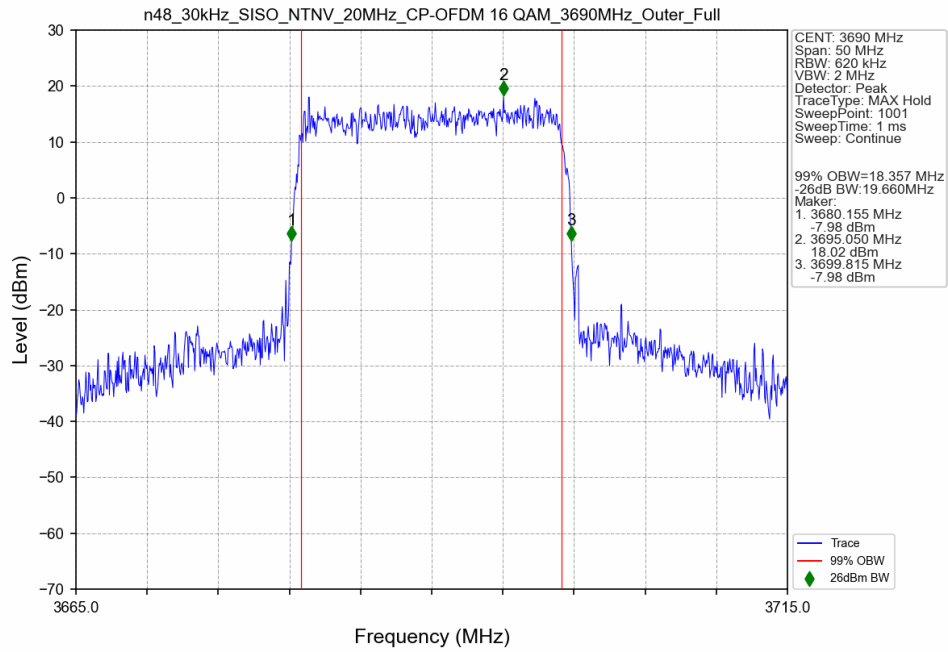
n48 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3560.01MHz Outer Full Ant3



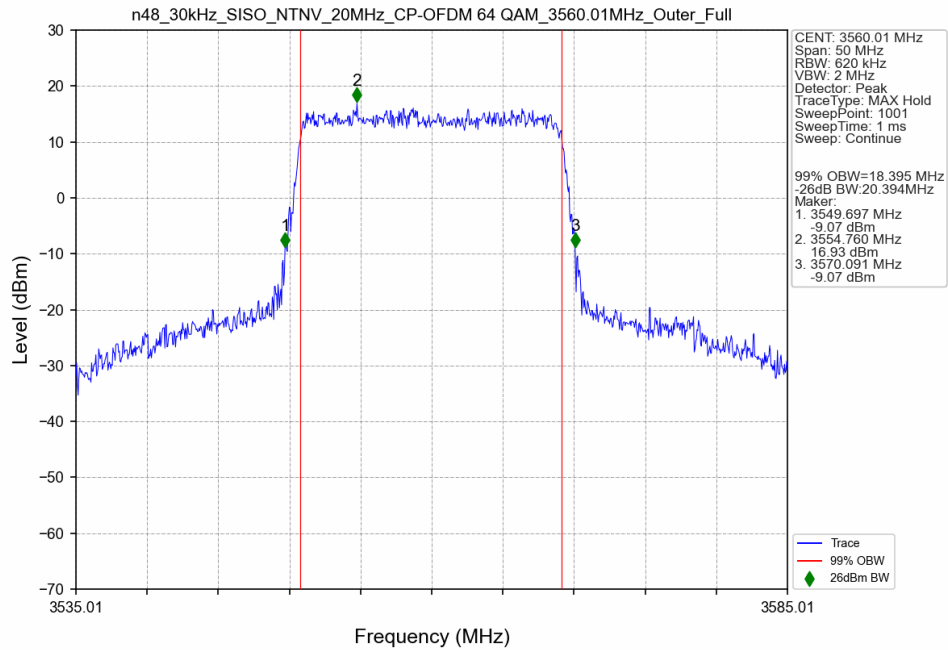
n48 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3624.99MHz Outer Full Ant3



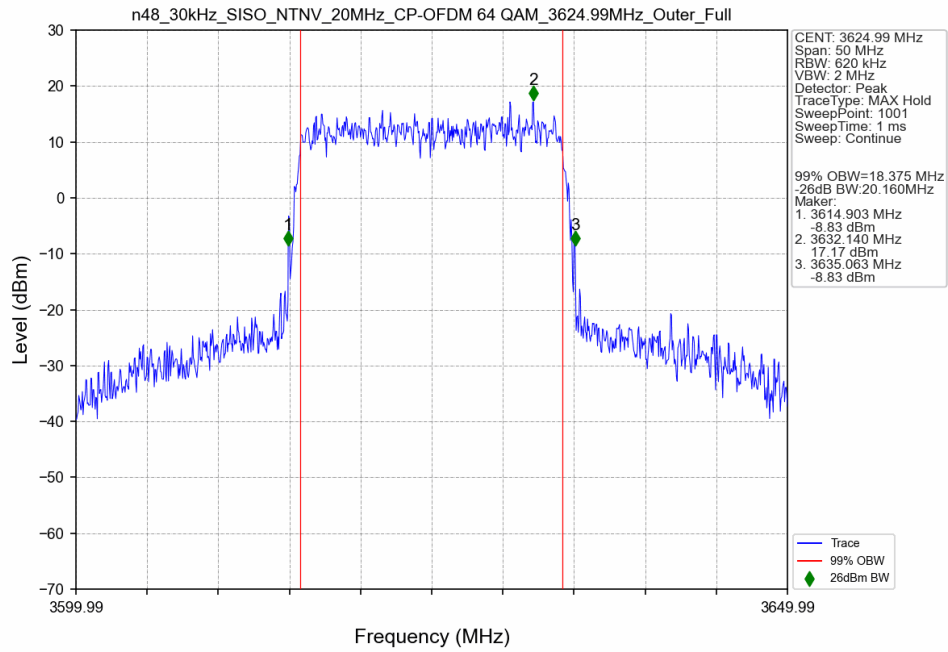
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3690MHz_Outer_Full_Ant3



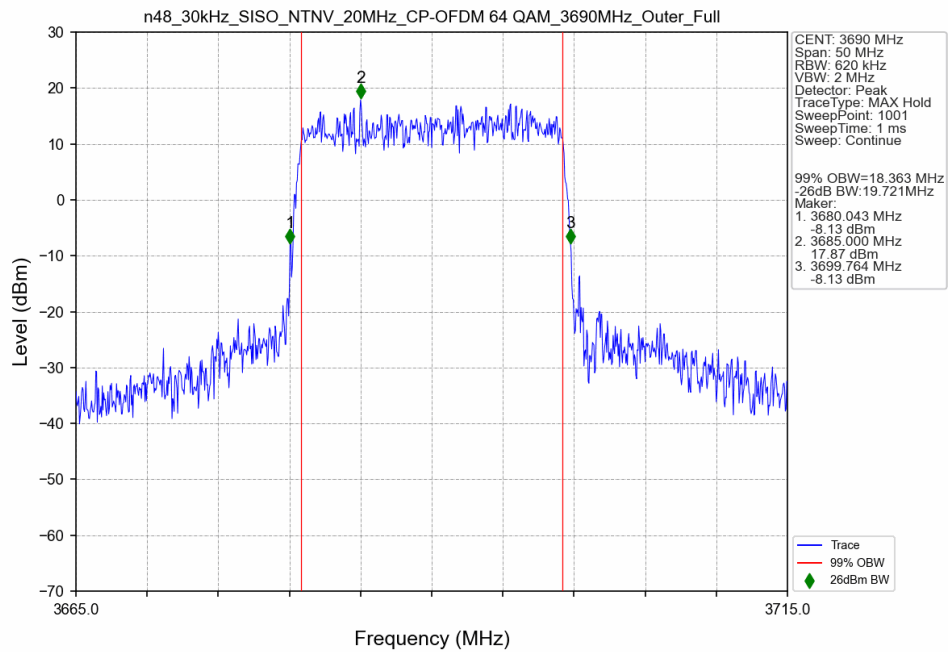
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3560.01MHz_Outer_Full_Ant3



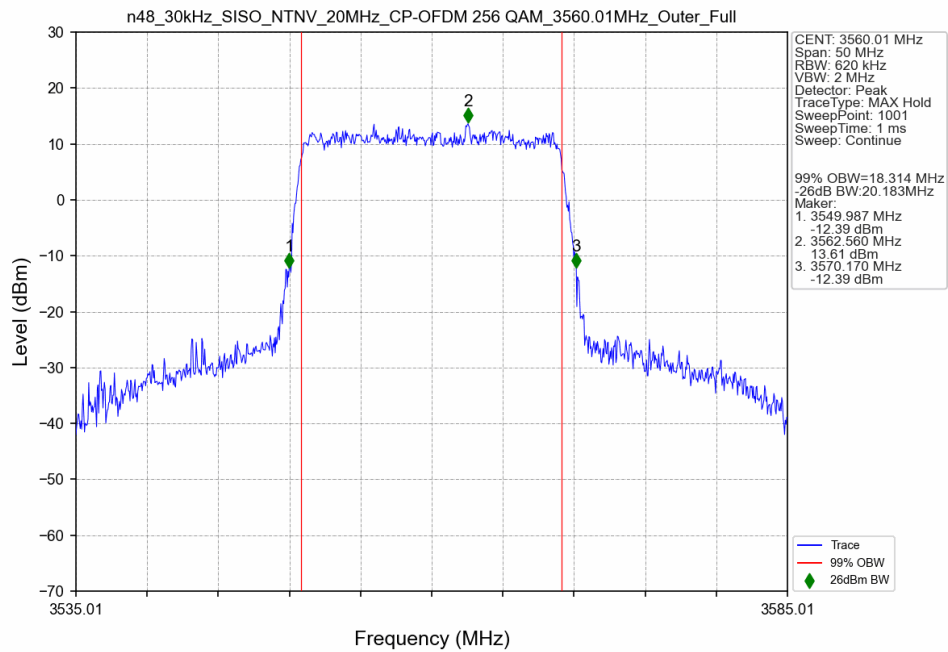
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3624.99MHz_Outer_Full_Ant3



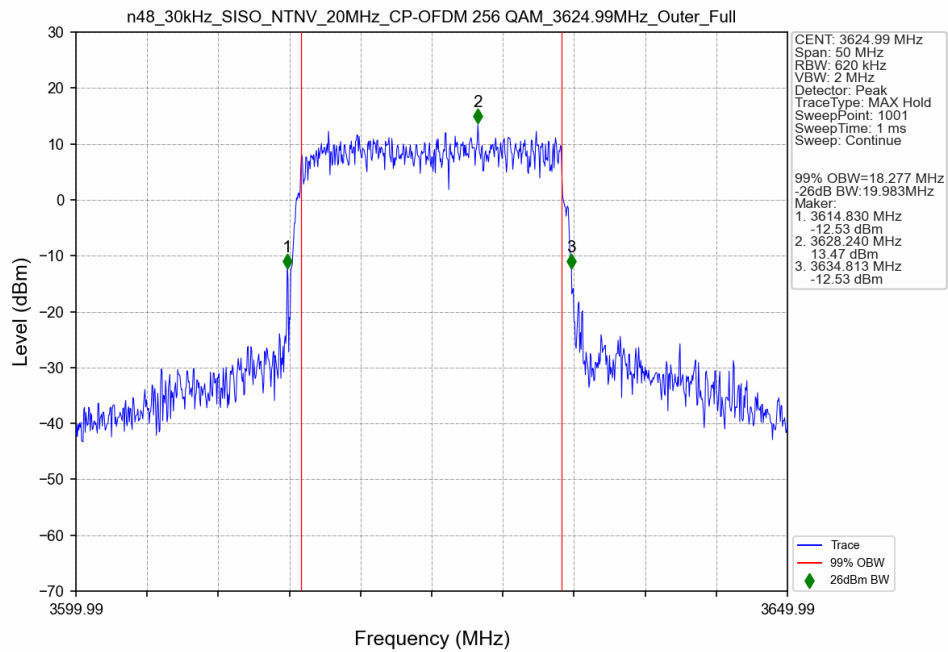
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3690MHz_Outer_Full_Ant3

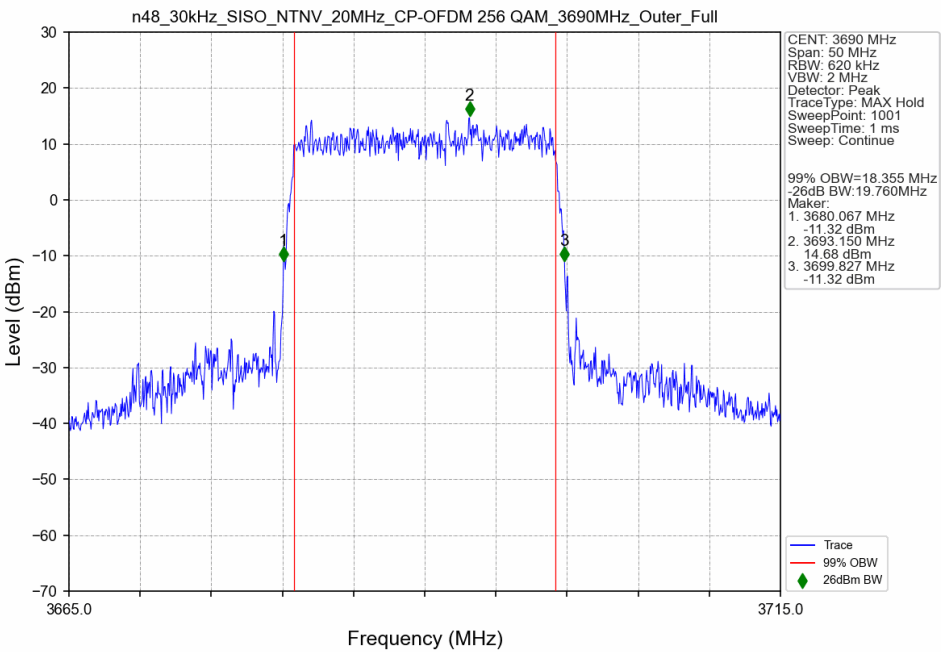


n48 30kHz SISO NTNv 20MHz CP-OFDM 256 QAM 3560.01MHz Outer Full Ant3

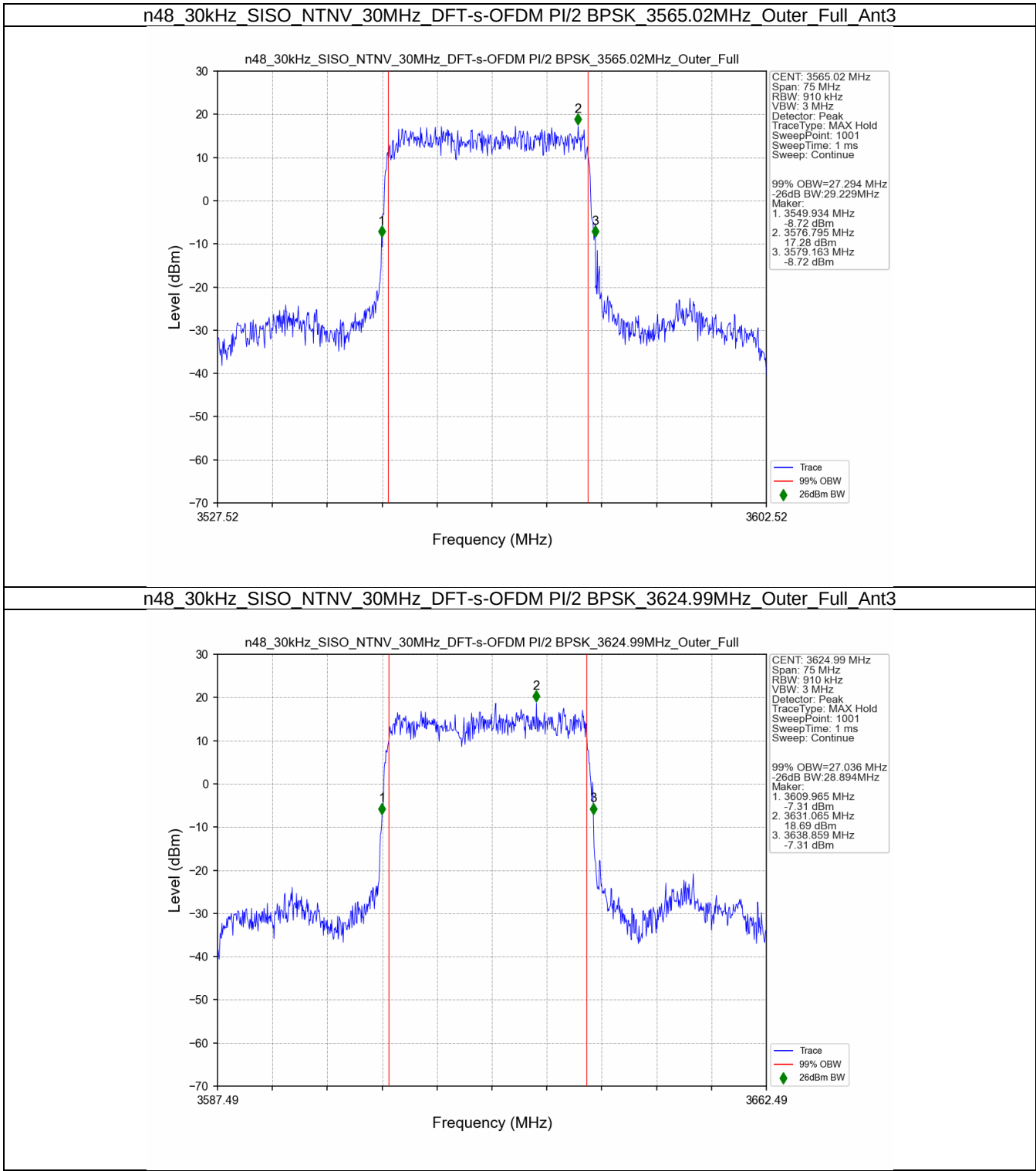


n48 30kHz SISO NTNv 20MHz CP-OFDM 256 QAM 3624.99MHz Outer Full Ant3

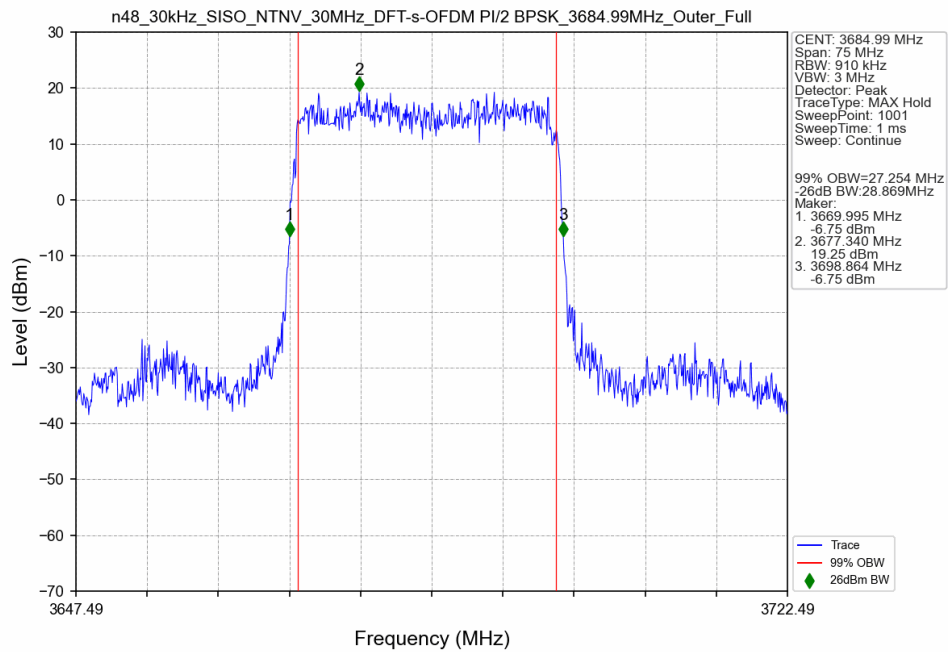




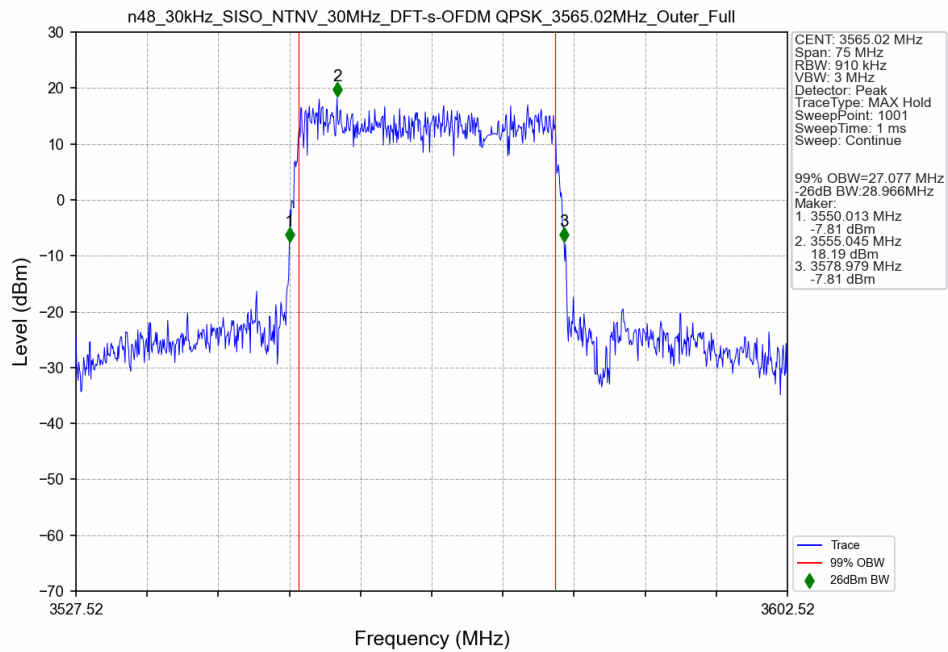
3.2.2 30k_SISO_30MHz_NTNV



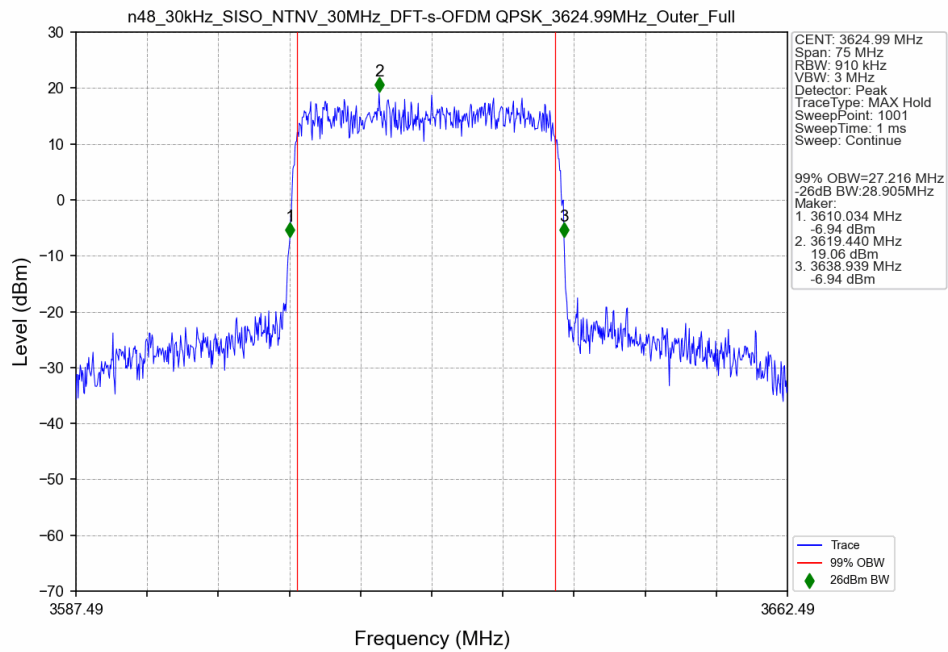
n48 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3684.99MHz Outer Full Ant3



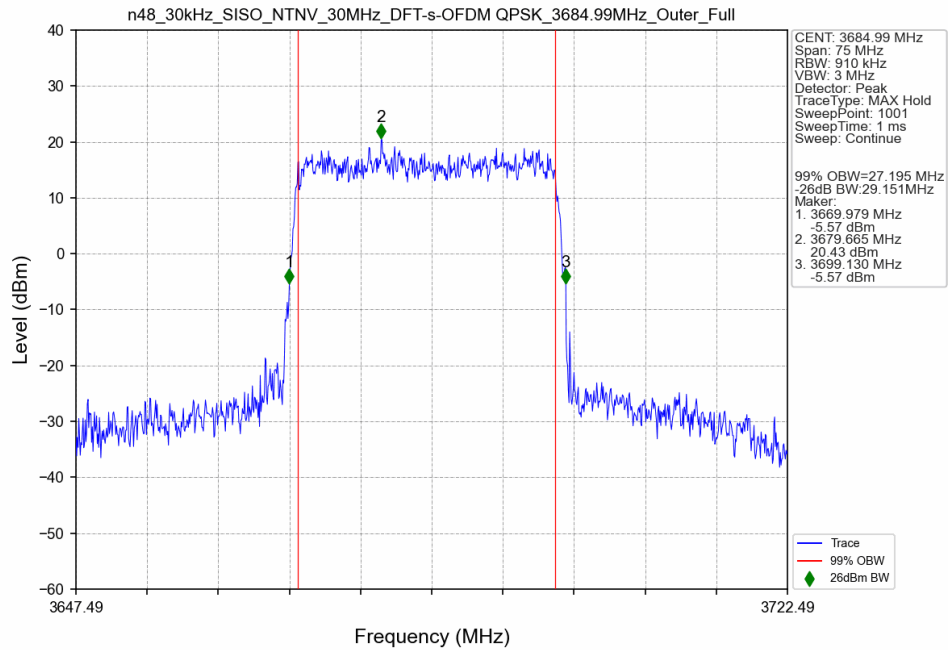
n48 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3565.02MHz Outer Full Ant3



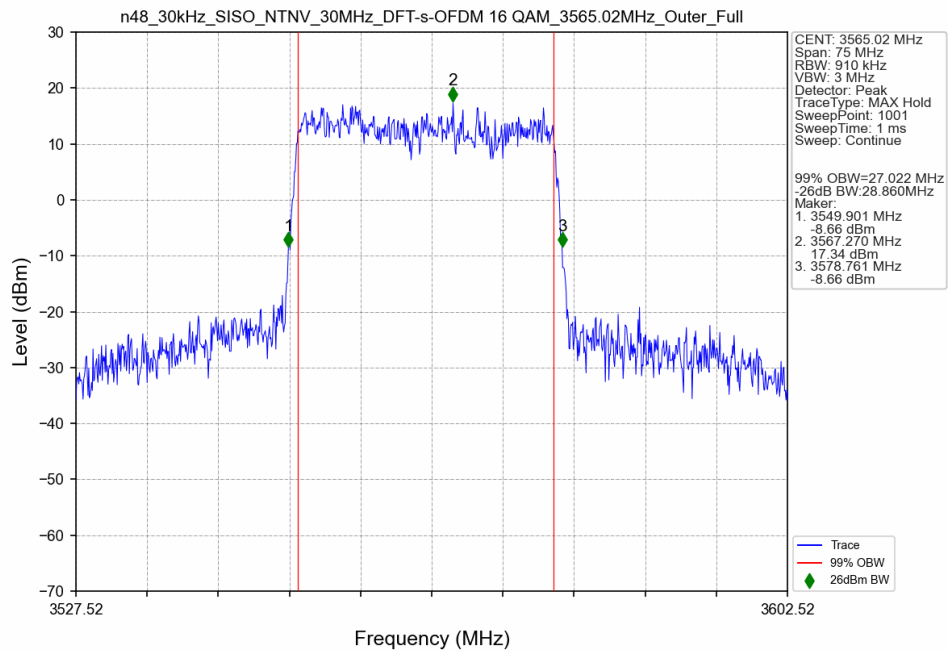
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3624.99MHz_Outer_Full_Ant3



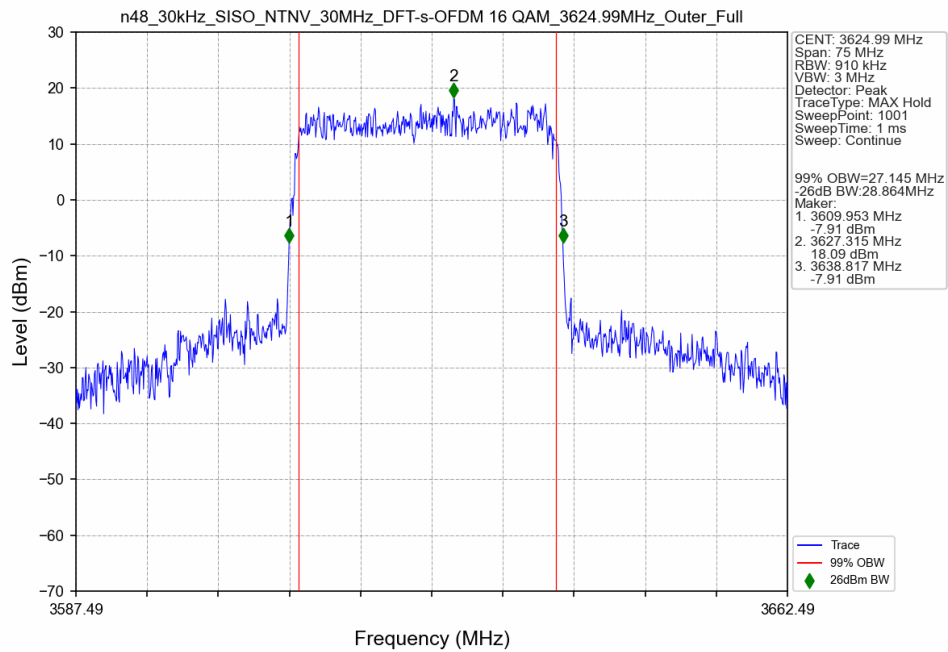
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3684.99MHz_Outer_Full_Ant3



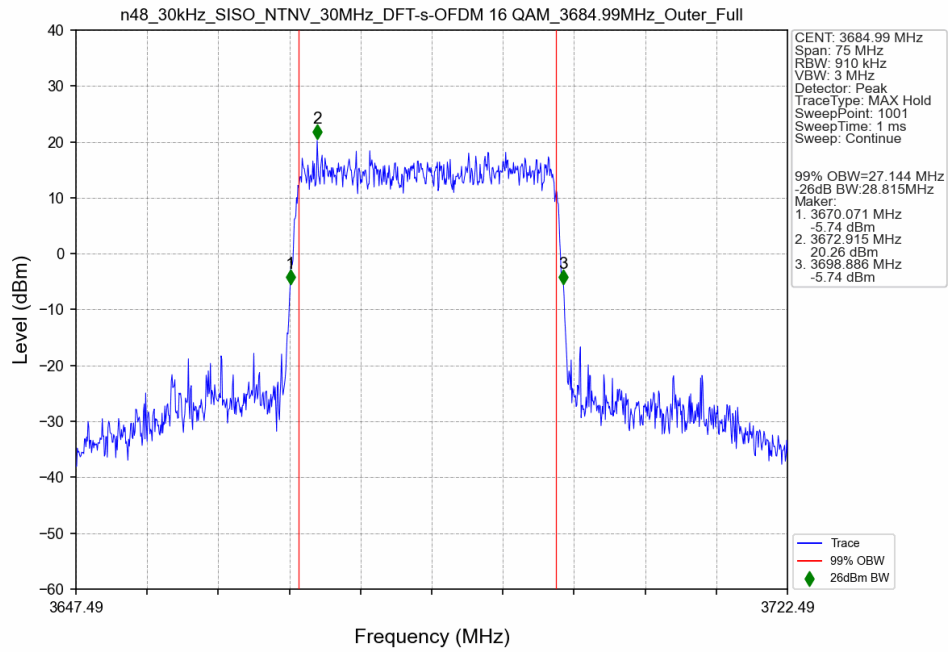
n48 30kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 3565.02MHz Outer Full Ant3



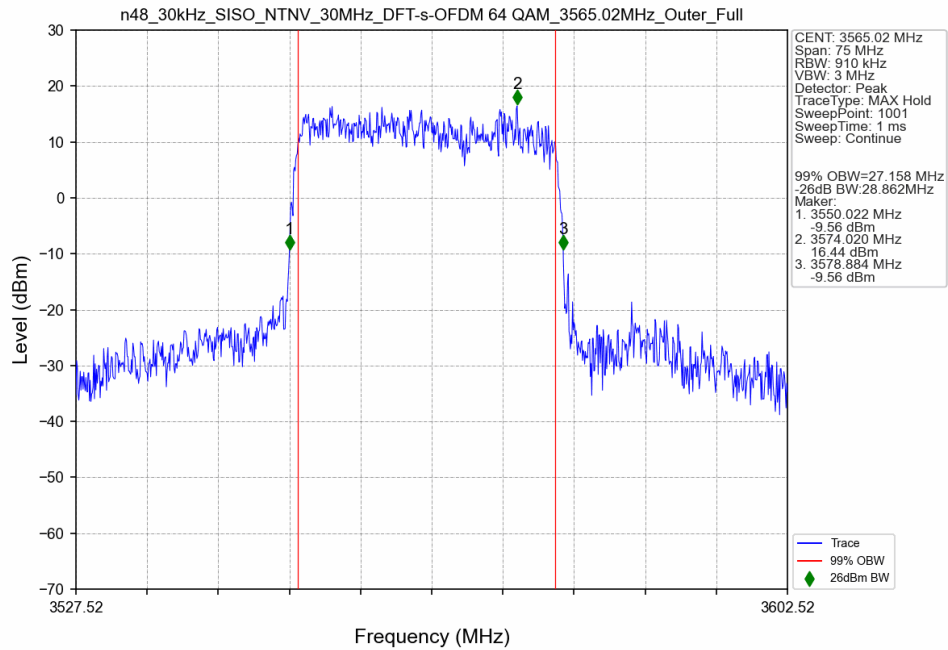
n48 30kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 3624.99MHz Outer Full Ant3



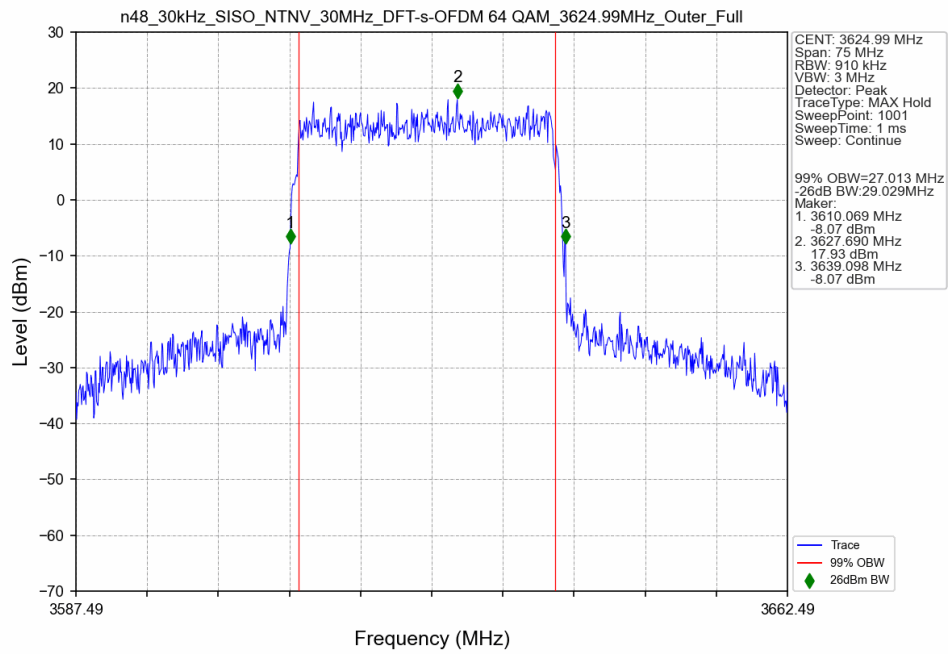
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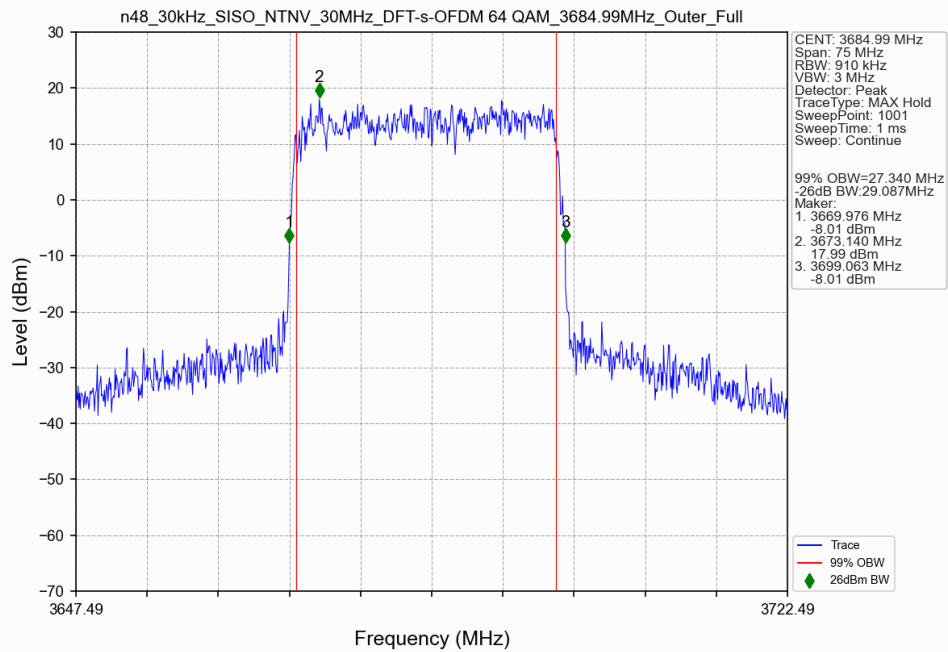
n48 30kHz SISO NTN 30MHz DFT-s-OFDM 64 QAM 3565.02MHz Outer Full Ant3



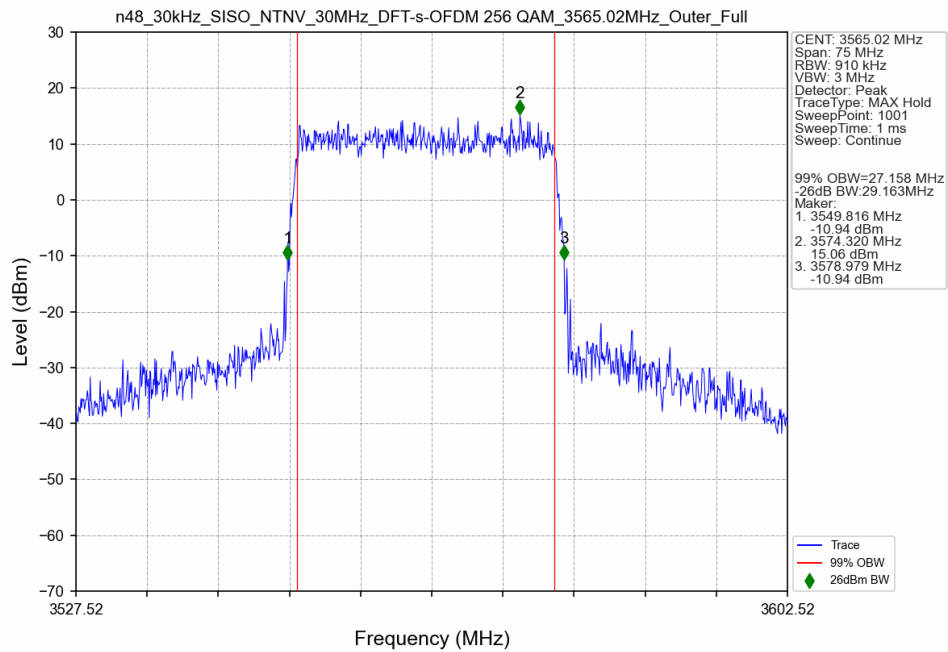
n48 30kHz SISO NTN 30MHz DFT-s-OFDM 64 QAM 3624.99MHz Outer Full Ant3



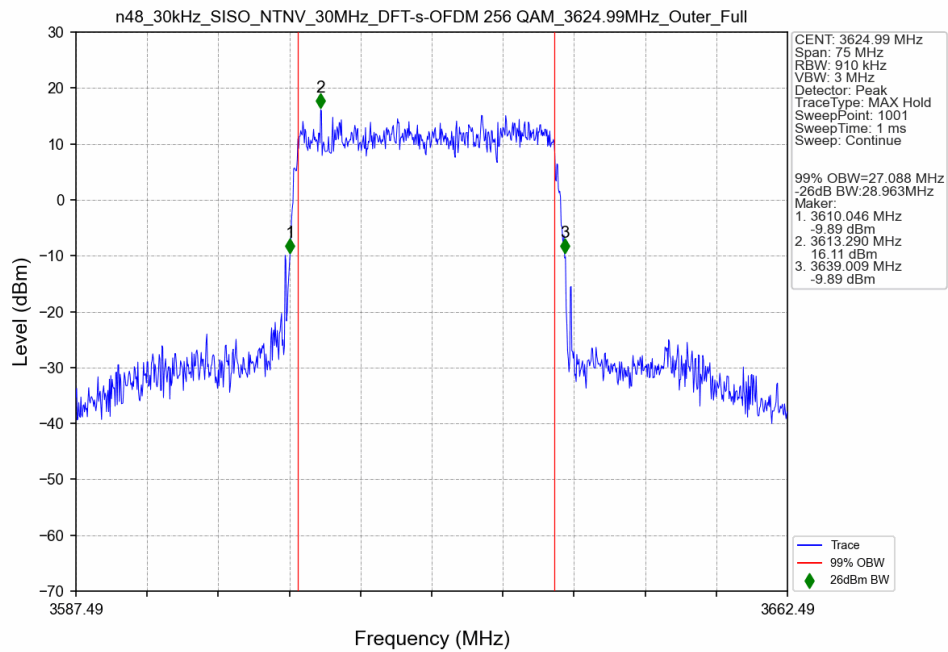
n48 30kHz SISO NTN 30MHz DFT-s-OFDM 64 QAM 3684.99MHz Outer Full Ant3



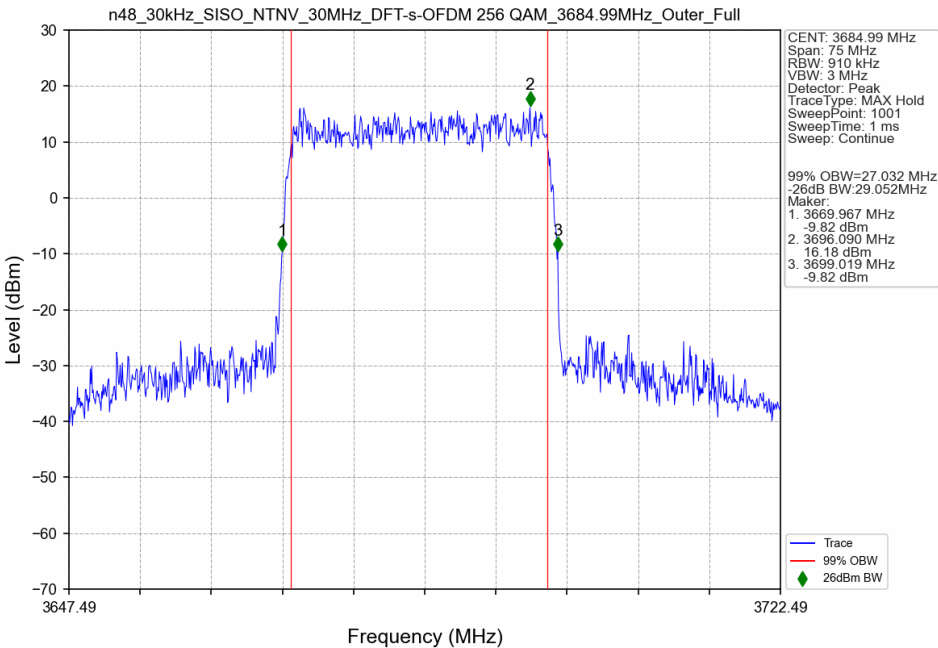
n48 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3565.02MHz Outer Full Ant3



n48 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3624.99MHz Outer Full Ant3



n48 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3684.99MHz Outer Full Ant3



n48 30kHz SISO NTN 30MHz CP-OFDM QPSK 3565.02MHz Outer Full Ant3

