



Appendix A.32

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_10M_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Edge_1RB_Left	19.91	/	/	19.82	/	/	/	Pass
		Edge_1RB_Right	19.69	/	/	19.60	/	/	/	Pass
		Outer_Full	19.88	/	/	19.79	/	/	/	Pass
		Inner_Full	22.86	/	/	22.77	/	/	/	Pass
		Inner_1RB_Left	22.80	/	/	22.71	/	/	/	Pass
		Inner_1RB_Right	22.78	/	/	22.69	/	/	/	Pass
	3624.99	Edge_1RB_Left	20.30	/	/	20.21	/	/	/	Pass
		Edge_1RB_Right	20.43	/	/	20.34	/	/	/	Pass
		Outer_Full	20.44	/	/	20.35	/	/	/	Pass
		Inner_Full	23.28	/	/	23.19	/	/	/	Pass
		Inner_1RB_Left	23.12	/	/	23.03	/	/	/	Pass
		Inner_1RB_Right	23.45	/	/	23.36	/	/	/	Pass
	3694.98	Edge_1RB_Left	18.89	/	/	18.80	/	/	/	Pass
		Edge_1RB_Right	18.87	/	/	18.78	/	/	/	Pass
		Outer_Full	19.00	/	/	18.91	/	/	/	Pass
		Inner_Full	21.98	/	/	21.89	/	/	/	Pass
		Inner_1RB_Left	21.91	/	/	21.82	/	/	/	Pass
		Inner_1RB_Right	22.01	/	/	21.92	/	/	/	Pass
DFT-s-OFDM QPSK	3555	Edge_1RB_Left	19.96	/	/	19.87	/	/	/	Pass
		Edge_1RB_Right	19.71	/	/	19.62	/	/	/	Pass
		Outer_Full	19.85	/	/	19.76	/	/	/	Pass
		Inner_Full	22.75	/	/	22.66	/	/	/	Pass
		Inner_1RB_Left	22.77	/	/	22.68	/	/	/	Pass
		Inner_1RB_Right	22.76	/	/	22.67	/	/	/	Pass
	3624.99	Edge_1RB_Left	20.24	/	/	20.15	/	/	/	Pass
		Edge_1RB_Right	20.32	/	/	20.23	/	/	/	Pass
		Outer_Full	20.37	/	/	20.28	/	/	/	Pass
		Inner_Full	23.45	/	/	23.36	/	/	/	Pass
		Inner_1RB_Left	23.22	/	/	23.13	/	/	/	Pass
		Inner_1RB_Right	23.31	/	/	23.22	/	/	/	Pass
	3694.98	Edge_1RB_Left	18.98	/	/	18.89	/	/	/	Pass
		Edge_1RB_Right	18.91	/	/	18.82	/	/	/	Pass
		Outer_Full	18.92	/	/	18.83	/	/	/	Pass
		Inner_Full	21.89	/	/	21.80	/	/	/	Pass
		Inner_1RB_Left	21.99	/	/	21.90	/	/	/	Pass
		Inner_1RB_Right	22.00	/	/	21.91	/	/	/	Pass
DFT-s-OFDM 16 QAM	3555	Edge_1RB_Left	19.75	/	/	19.66	/	/	/	Pass
		Edge_1RB_Right	19.53	/	/	19.44	/	/	/	Pass
		Outer_Full	19.93	/	/	19.84	/	/	/	Pass
		Inner_Full	20.88	/	/	20.79	/	/	/	Pass

		Inner_1RB_Left	20.83	/	/	20.74	/	/	/	Pass
		Inner_1RB_Right	20.74	/	/	20.65	/	/	/	Pass
	3624.99	Edge_1RB_Left	20.20	/	/	20.11	/	/	/	Pass
		Edge_1RB_Right	20.14	/	/	20.05	/	/	/	Pass
		Outer_Full	20.31	/	/	20.22	/	/	/	Pass
		Inner_Full	21.20	/	/	21.11	/	/	/	Pass
		Inner_1RB_Left	21.09	/	/	21.00	/	/	/	Pass
		Inner_1RB_Right	21.24	/	/	21.15	/	/	/	Pass
	3694.98	Edge_1RB_Left	18.72	/	/	18.63	/	/	/	Pass
		Edge_1RB_Right	18.80	/	/	18.71	/	/	/	Pass
		Outer_Full	18.98	/	/	18.89	/	/	/	Pass
		Inner_Full	19.97	/	/	19.88	/	/	/	Pass
		Inner_1RB_Left	19.74	/	/	19.65	/	/	/	Pass
		Inner_1RB_Right	19.75	/	/	19.66	/	/	/	Pass
DFT-s-OFDM 64 QAM	3555	Edge_1RB_Left	20.01	/	/	19.92	/	/	/	Pass
		Edge_1RB_Right	19.89	/	/	19.80	/	/	/	Pass
		Outer_Full	19.90	/	/	19.81	/	/	/	Pass
		Inner_Full	19.80	/	/	19.71	/	/	/	Pass
		Inner_1RB_Left	19.92	/	/	19.83	/	/	/	Pass
		Inner_1RB_Right	19.75	/	/	19.66	/	/	/	Pass
	3624.99	Edge_1RB_Left	20.15	/	/	20.06	/	/	/	Pass
		Edge_1RB_Right	20.30	/	/	20.21	/	/	/	Pass
		Outer_Full	20.33	/	/	20.24	/	/	/	Pass
		Inner_Full	20.44	/	/	20.35	/	/	/	Pass
		Inner_1RB_Left	20.29	/	/	20.20	/	/	/	Pass
		Inner_1RB_Right	20.26	/	/	20.17	/	/	/	Pass
	3694.98	Edge_1RB_Left	18.82	/	/	18.73	/	/	/	Pass
		Edge_1RB_Right	18.92	/	/	18.83	/	/	/	Pass
		Outer_Full	18.94	/	/	18.85	/	/	/	Pass
		Inner_Full	18.97	/	/	18.88	/	/	/	Pass
		Inner_1RB_Left	18.75	/	/	18.66	/	/	/	Pass
		Inner_1RB_Right	18.94	/	/	18.85	/	/	/	Pass
DFT-s-OFDM 256 QAM	3555	Edge_1RB_Left	16.87	/	/	16.78	/	/	/	Pass
		Edge_1RB_Right	16.78	/	/	16.69	/	/	/	Pass
		Outer_Full	16.78	/	/	16.69	/	/	/	Pass
		Inner_Full	16.74	/	/	16.65	/	/	/	Pass
		Inner_1RB_Left	16.89	/	/	16.80	/	/	/	Pass
		Inner_1RB_Right	16.76	/	/	16.67	/	/	/	Pass
	3624.99	Edge_1RB_Left	17.36	/	/	17.27	/	/	/	Pass
		Edge_1RB_Right	17.33	/	/	17.24	/	/	/	Pass
		Outer_Full	17.34	/	/	17.25	/	/	/	Pass
		Inner_Full	17.46	/	/	17.37	/	/	/	Pass
		Inner_1RB_Left	17.34	/	/	17.25	/	/	/	Pass
		Inner_1RB_Right	17.47	/	/	17.38	/	/	/	Pass
	3694.98	Edge_1RB_Left	15.94	/	/	15.85	/	/	/	Pass
		Edge_1RB_Right	16.09	/	/	16.00	/	/	/	Pass
		Outer_Full	16.08	/	/	15.99	/	/	/	Pass
		Inner_Full	16.04	/	/	15.95	/	/	/	Pass
		Inner_1RB_Left	15.95	/	/	15.86	/	/	/	Pass
		Inner_1RB_Right	16.00	/	/	15.91	/	/	/	Pass
CP-OFDM QPSK	3555	Edge_1RB_Left	20.00	/	/	19.91	/	/	/	Pass
		Edge_1RB_Right	19.81	/	/	19.72	/	/	/	Pass
		Outer_Full	17.82	/	/	17.73	/	/	/	Pass

		Inner Full	20.87	/	/	20.78	/	/	/	Pass
		Inner 1RB Left	20.97	/	/	20.88	/	/	/	Pass
		Inner 1RB Right	20.84	/	/	20.75	/	/	/	Pass
	3624.99	Edge 1RB Left	20.26	/	/	20.17	/	/	/	Pass
		Edge 1RB Right	20.39	/	/	20.30	/	/	/	Pass
		Outer Full	18.30	/	/	18.21	/	/	/	Pass
		Inner Full	21.33	/	/	21.24	/	/	/	Pass
		Inner 1RB Left	21.25	/	/	21.16	/	/	/	Pass
		Inner 1RB Right	21.40	/	/	21.31	/	/	/	Pass
	3694.98	Edge 1RB Left	19.07	/	/	18.98	/	/	/	Pass
		Edge 1RB Right	19.05	/	/	18.96	/	/	/	Pass
		Outer Full	16.97	/	/	16.88	/	/	/	Pass
		Inner Full	20.07	/	/	19.98	/	/	/	Pass
		Inner 1RB Left	20.02	/	/	19.93	/	/	/	Pass
		Inner 1RB Right	20.02	/	/	19.93	/	/	/	Pass
CP-OFDM 16 QAM	3555	Edge 1RB Left	18.73	/	/	18.64	/	/	/	Pass
		Edge 1RB Right	18.60	/	/	18.51	/	/	/	Pass
		Outer Full	18.94	/	/	18.85	/	/	/	Pass
		Inner Full	19.67	/	/	19.58	/	/	/	Pass
		Inner 1RB Left	19.81	/	/	19.72	/	/	/	Pass
		Inner 1RB Right	19.66	/	/	19.57	/	/	/	Pass
	3624.99	Edge 1RB Left	19.17	/	/	19.08	/	/	/	Pass
		Edge 1RB Right	19.30	/	/	19.21	/	/	/	Pass
		Outer Full	19.25	/	/	19.16	/	/	/	Pass
		Inner Full	20.28	/	/	20.19	/	/	/	Pass
		Inner 1RB Left	20.21	/	/	20.12	/	/	/	Pass
		Inner 1RB Right	20.26	/	/	20.17	/	/	/	Pass
	3694.98	Edge 1RB Left	17.92	/	/	17.83	/	/	/	Pass
		Edge 1RB Right	17.91	/	/	17.82	/	/	/	Pass
		Outer Full	18.00	/	/	17.91	/	/	/	Pass
		Inner Full	18.91	/	/	18.82	/	/	/	Pass
		Inner 1RB Left	18.83	/	/	18.74	/	/	/	Pass
		Inner 1RB Right	18.90	/	/	18.81	/	/	/	Pass
CP-OFDM 64 QAM	3555	Edge 1RB Left	18.85	/	/	18.76	/	/	/	Pass
		Edge 1RB Right	18.71	/	/	18.62	/	/	/	Pass
		Outer Full	18.92	/	/	18.83	/	/	/	Pass
		Inner Full	18.89	/	/	18.80	/	/	/	Pass
		Inner 1RB Left	18.95	/	/	18.86	/	/	/	Pass
		Inner 1RB Right	18.82	/	/	18.73	/	/	/	Pass
	3624.99	Edge 1RB Left	19.24	/	/	19.15	/	/	/	Pass
		Edge 1RB Right	19.28	/	/	19.19	/	/	/	Pass
		Outer Full	19.24	/	/	19.15	/	/	/	Pass
		Inner Full	19.41	/	/	19.32	/	/	/	Pass
		Inner 1RB Left	19.24	/	/	19.15	/	/	/	Pass
		Inner 1RB Right	19.25	/	/	19.16	/	/	/	Pass
	3694.98	Edge 1RB Left	17.98	/	/	17.89	/	/	/	Pass
		Edge 1RB Right	17.95	/	/	17.86	/	/	/	Pass
		Outer Full	17.98	/	/	17.89	/	/	/	Pass
		Inner Full	17.94	/	/	17.85	/	/	/	Pass
		Inner 1RB Left	17.86	/	/	17.77	/	/	/	Pass
		Inner 1RB Right	17.96	/	/	17.87	/	/	/	Pass
CP-OFDM 256 QAM	3555	Edge 1RB Left	15.97	/	/	15.88	/	/	/	Pass
		Edge 1RB Right	15.81	/	/	15.72	/	/	/	Pass

		Outer_Full	15.93	/	/	15.84	/	/	/	Pass
		Inner_Full	16.09	/	/	16.00	/	/	/	Pass
		Inner_1RB_Left	15.99	/	/	15.90	/	/	/	Pass
		Inner_1RB_Right	15.85	/	/	15.76	/	/	/	Pass
	3624.99	Edge_1RB_Left	16.36	/	/	16.27	/	/	/	Pass
		Edge_1RB_Right	16.41	/	/	16.32	/	/	/	Pass
		Outer_Full	16.31	/	/	16.22	/	/	/	Pass
		Inner_Full	16.52	/	/	16.43	/	/	/	Pass
	3694.98	Inner_1RB_Left	16.30	/	/	16.21	/	/	/	Pass
		Inner_1RB_Right	16.55	/	/	16.46	/	/	/	Pass
		Edge_1RB_Left	15.00	/	/	14.91	/	/	/	Pass
		Edge_1RB_Right	15.08	/	/	14.99	/	/	/	Pass
		Outer_Full	14.91	/	/	14.82	/	/	/	Pass
		Inner_Full	15.10	/	/	15.01	/	/	/	Pass
		Inner_1RB_Left	15.09	/	/	15.00	/	/	/	Pass
		Inner_1RB_Right	15.19	/	/	15.10	/	/	/	Pass

Note1: Antenna Gain: Ant6: -0.09dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.2 30_S_10M_NTNV_EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Edge_1RB_Left	19.79	/	/	19.70	/	/	<=23	Pass
		Edge_1RB_Right	19.98	/	/	19.89	/	/	<=23	Pass
		Outer_Full	19.93	/	/	19.84	/	/	<=23	Pass
		Inner_Full	22.70	/	/	22.61	/	/	<=23	Pass
		Inner_1RB_Left	22.80	/	/	22.71	/	/	<=23	Pass
		Inner_1RB_Right	23.04	/	/	22.95	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	19.95	/	/	19.86	/	/	<=23	Pass
		Edge_1RB_Right	19.91	/	/	19.82	/	/	<=23	Pass
		Outer_Full	20.03	/	/	19.94	/	/	<=23	Pass
		Inner_Full	23.00	/	/	22.91	/	/	<=23	Pass
		Inner_1RB_Left	22.94	/	/	22.85	/	/	<=23	Pass
		Inner_1RB_Right	22.97	/	/	22.88	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	18.98	/	/	18.89	/	/	<=23	Pass
		Edge_1RB_Right	19.01	/	/	18.92	/	/	<=23	Pass
		Outer_Full	17.84	/	/	17.75	/	/	<=23	Pass
		Inner_Full	21.91	/	/	21.82	/	/	<=23	Pass
		Inner_1RB_Left	21.92	/	/	21.83	/	/	<=23	Pass
		Inner_1RB_Right	22.05	/	/	21.96	/	/	<=23	Pass
DFT-s-OFDM QPSK	3555	Edge_1RB_Left	19.40	/	/	19.31	/	/	<=23	Pass
		Edge_1RB_Right	20.04	/	/	19.95	/	/	<=23	Pass
		Outer_Full	19.69	/	/	19.60	/	/	<=23	Pass
		Inner_Full	22.82	/	/	22.73	/	/	<=23	Pass
		Inner_1RB_Left	22.76	/	/	22.67	/	/	<=23	Pass
		Inner_1RB_Right	22.41	/	/	22.32	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.09	/	/	20.00	/	/	<=23	Pass
		Edge_1RB_Right	20.01	/	/	19.92	/	/	<=23	Pass

		Outer_Full	20.08	/	/	19.99	/	/	<=23	Pass
		Inner_Full	22.24	/	/	22.15	/	/	<=23	Pass
		Inner_1RB_Left	22.34	/	/	22.25	/	/	<=23	Pass
		Inner_1RB_Right	23.02	/	/	22.93	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	19.08	/	/	18.99	/	/	<=23	Pass
		Edge_1RB_Right	19.07	/	/	18.98	/	/	<=23	Pass
		Outer_Full	19.06	/	/	18.97	/	/	<=23	Pass
		Inner_Full	22.10	/	/	22.01	/	/	<=23	Pass
		Inner_1RB_Left	22.13	/	/	22.04	/	/	<=23	Pass
		Inner_1RB_Right	22.05	/	/	21.96	/	/	<=23	Pass
		Edge_1RB_Left	19.68	/	/	19.59	/	/	<=23	Pass
		Edge_1RB_Right	19.92	/	/	19.83	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3555	Outer_Full	19.95	/	/	19.86	/	/	<=23	Pass
		Inner_Full	20.94	/	/	20.85	/	/	<=23	Pass
		Inner_1RB_Left	20.57	/	/	20.48	/	/	<=23	Pass
		Inner_1RB_Right	20.81	/	/	20.72	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	19.94	/	/	19.85	/	/	<=23	Pass
		Edge_1RB_Right	19.76	/	/	19.67	/	/	<=23	Pass
		Outer_Full	20.11	/	/	20.02	/	/	<=23	Pass
		Inner_Full	21.06	/	/	20.97	/	/	<=23	Pass
	3694.98	Inner_1RB_Left	21.03	/	/	20.94	/	/	<=23	Pass
		Inner_1RB_Right	20.89	/	/	20.80	/	/	<=23	Pass
		Edge_1RB_Left	18.94	/	/	18.85	/	/	<=23	Pass
		Edge_1RB_Right	17.52	/	/	17.43	/	/	<=23	Pass
		Outer_Full	19.13	/	/	19.04	/	/	<=23	Pass
		Inner_Full	20.10	/	/	20.01	/	/	<=23	Pass
		Inner_1RB_Left	18.63	/	/	18.54	/	/	<=23	Pass
		Inner_1RB_Right	20.07	/	/	19.98	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3555	Edge_1RB_Left	19.35	/	/	19.26	/	/	<=23	Pass
		Edge_1RB_Right	20.04	/	/	19.95	/	/	<=23	Pass
		Outer_Full	19.80	/	/	19.71	/	/	<=23	Pass
		Inner_Full	19.96	/	/	19.87	/	/	<=23	Pass
	3624.99	Inner_1RB_Left	19.23	/	/	19.14	/	/	<=23	Pass
		Inner_1RB_Right	20.10	/	/	20.01	/	/	<=23	Pass
		Edge_1RB_Left	20.23	/	/	20.14	/	/	<=23	Pass
		Edge_1RB_Right	20.06	/	/	19.97	/	/	<=23	Pass
	3694.98	Outer_Full	20.16	/	/	20.07	/	/	<=23	Pass
		Inner_Full	20.08	/	/	19.99	/	/	<=23	Pass
		Inner_1RB_Left	20.06	/	/	19.97	/	/	<=23	Pass
		Inner_1RB_Right	19.96	/	/	19.87	/	/	<=23	Pass
		Edge_1RB_Left	19.08	/	/	18.99	/	/	<=23	Pass
		Edge_1RB_Right	17.70	/	/	17.61	/	/	<=23	Pass
		Outer_Full	19.25	/	/	19.16	/	/	<=23	Pass
		Inner_Full	19.19	/	/	19.10	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3555	Inner_1RB_Left	18.14	/	/	18.05	/	/	<=23	Pass
		Inner_1RB_Right	19.12	/	/	19.03	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	16.57	/	/	16.48	/	/	<=23	Pass
		Edge_1RB_Right	16.88	/	/	16.79	/	/	<=23	Pass
		Outer_Full	16.95	/	/	16.86	/	/	<=23	Pass
		Inner_Full	16.96	/	/	16.87	/	/	<=23	Pass
		Inner_1RB_Left	16.72	/	/	16.63	/	/	<=23	Pass
		Inner_1RB_Right	16.89	/	/	16.80	/	/	<=23	Pass
		Edge_1RB_Left	17.20	/	/	17.11	/	/	<=23	Pass

		Edge_1RB_Right	16.97	/	/	16.88	/	/	<=23	Pass
		Outer_Full	17.02	/	/	16.93	/	/	<=23	Pass
		Inner_Full	17.16	/	/	17.07	/	/	<=23	Pass
		Inner_1RB_Left	17.04	/	/	16.95	/	/	<=23	Pass
		Inner_1RB_Right	16.98	/	/	16.89	/	/	<=23	Pass
		Edge_1RB_Left	16.06	/	/	15.97	/	/	<=23	Pass
		Edge_1RB_Right	14.61	/	/	14.52	/	/	<=23	Pass
		Outer_Full	15.03	/	/	14.94	/	/	<=23	Pass
		Inner_Full	16.20	/	/	16.11	/	/	<=23	Pass
		Inner_1RB_Left	14.75	/	/	14.66	/	/	<=23	Pass
		Inner_1RB_Right	14.97	/	/	14.88	/	/	<=23	Pass
		Edge_1RB_Left	19.48	/	/	19.39	/	/	<=23	Pass
CP-OFDM QPSK	3555	Edge_1RB_Right	20.05	/	/	19.96	/	/	<=23	Pass
		Outer_Full	17.77	/	/	17.68	/	/	<=23	Pass
		Inner_Full	20.64	/	/	20.55	/	/	<=23	Pass
		Inner_1RB_Left	20.47	/	/	20.38	/	/	<=23	Pass
		Inner_1RB_Right	21.08	/	/	20.99	/	/	<=23	Pass
		Edge_1RB_Left	20.30	/	/	20.21	/	/	<=23	Pass
	3624.99	Edge_1RB_Right	19.98	/	/	19.89	/	/	<=23	Pass
		Outer_Full	18.17	/	/	18.08	/	/	<=23	Pass
		Inner_Full	21.16	/	/	21.07	/	/	<=23	Pass
		Inner_1RB_Left	21.17	/	/	21.08	/	/	<=23	Pass
		Inner_1RB_Right	21.06	/	/	20.97	/	/	<=23	Pass
		Edge_1RB_Left	19.15	/	/	19.06	/	/	<=23	Pass
	3694.98	Edge_1RB_Right	17.81	/	/	17.72	/	/	<=23	Pass
		Outer_Full	17.00	/	/	16.91	/	/	<=23	Pass
		Inner_Full	18.83	/	/	18.74	/	/	<=23	Pass
		Inner_1RB_Left	19.17	/	/	19.08	/	/	<=23	Pass
		Inner_1RB_Right	18.99	/	/	18.90	/	/	<=23	Pass
		Edge_1RB_Left	18.58	/	/	18.49	/	/	<=23	Pass
CP-OFDM 16 QAM	3555	Edge_1RB_Right	18.91	/	/	18.82	/	/	<=23	Pass
		Outer_Full	18.97	/	/	18.88	/	/	<=23	Pass
		Inner_Full	19.89	/	/	19.80	/	/	<=23	Pass
		Inner_1RB_Left	19.58	/	/	19.49	/	/	<=23	Pass
		Inner_1RB_Right	19.91	/	/	19.82	/	/	<=23	Pass
		Edge_1RB_Left	19.07	/	/	18.98	/	/	<=23	Pass
	3624.99	Edge_1RB_Right	18.98	/	/	18.89	/	/	<=23	Pass
		Outer_Full	19.19	/	/	19.10	/	/	<=23	Pass
		Inner_Full	20.10	/	/	20.01	/	/	<=23	Pass
		Inner_1RB_Left	20.13	/	/	20.04	/	/	<=23	Pass
		Inner_1RB_Right	20.01	/	/	19.92	/	/	<=23	Pass
		Edge_1RB_Left	17.96	/	/	17.87	/	/	<=23	Pass
	3694.98	Edge_1RB_Right	17.83	/	/	17.74	/	/	<=23	Pass
		Outer_Full	17.97	/	/	17.88	/	/	<=23	Pass
		Inner_Full	18.02	/	/	17.93	/	/	<=23	Pass
		Inner_1RB_Left	17.70	/	/	17.61	/	/	<=23	Pass
		Inner_1RB_Right	19.00	/	/	18.91	/	/	<=23	Pass
		Edge_1RB_Left	18.75	/	/	18.66	/	/	<=23	Pass
CP-OFDM 64 QAM	3555	Edge_1RB_Right	19.00	/	/	18.91	/	/	<=23	Pass
		Outer_Full	18.95	/	/	18.86	/	/	<=23	Pass
		Inner_Full	18.59	/	/	18.50	/	/	<=23	Pass
		Inner_1RB_Left	18.56	/	/	18.47	/	/	<=23	Pass
		Inner_1RB_Right	19.06	/	/	18.97	/	/	<=23	Pass
		Edge_1RB_Left	18.75	/	/	18.66	/	/	<=23	Pass

	3624.99	Edge_1RB_Left	18.95	/	/	18.86	/	/	<=23	Pass
		Edge_1RB_Right	18.75	/	/	18.66	/	/	<=23	Pass
		Outer_Full	19.11	/	/	19.02	/	/	<=23	Pass
		Inner_Full	19.16	/	/	19.07	/	/	<=23	Pass
		Inner_1RB_Left	19.17	/	/	19.08	/	/	<=23	Pass
		Inner_1RB_Right	18.90	/	/	18.81	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	16.98	/	/	16.89	/	/	<=23	Pass
		Edge_1RB_Right	18.04	/	/	17.95	/	/	<=23	Pass
		Outer_Full	17.05	/	/	16.96	/	/	<=23	Pass
		Inner_Full	17.08	/	/	16.99	/	/	<=23	Pass
		Inner_1RB_Left	18.01	/	/	17.92	/	/	<=23	Pass
		Inner_1RB_Right	17.90	/	/	17.81	/	/	<=23	Pass
CP-OFDM 256 QAM	3555	Edge_1RB_Left	15.71	/	/	15.62	/	/	<=23	Pass
		Edge_1RB_Right	16.04	/	/	15.95	/	/	<=23	Pass
		Outer_Full	15.94	/	/	15.85	/	/	<=23	Pass
		Inner_Full	16.04	/	/	15.95	/	/	<=23	Pass
		Inner_1RB_Left	15.26	/	/	15.17	/	/	<=23	Pass
		Inner_1RB_Right	15.82	/	/	15.73	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	16.35	/	/	16.26	/	/	<=23	Pass
		Edge_1RB_Right	16.08	/	/	15.99	/	/	<=23	Pass
		Outer_Full	16.02	/	/	15.93	/	/	<=23	Pass
		Inner_Full	16.26	/	/	16.17	/	/	<=23	Pass
		Inner_1RB_Left	16.20	/	/	16.11	/	/	<=23	Pass
		Inner_1RB_Right	16.10	/	/	16.01	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	15.08	/	/	14.99	/	/	<=23	Pass
		Edge_1RB_Right	14.17	/	/	14.08	/	/	<=23	Pass
		Outer_Full	15.10	/	/	15.01	/	/	<=23	Pass
		Inner_Full	15.31	/	/	15.22	/	/	<=23	Pass
		Inner_1RB_Left	14.11	/	/	14.02	/	/	<=23	Pass
		Inner_1RB_Right	15.16	/	/	15.07	/	/	<=23	Pass
Note1: Antenna Gain: Ant6: -0.09dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30_S_20M_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1RB_Left	19.85	/	/	19.76	/	/	/	Pass
		Edge_1RB_Right	19.69	/	/	19.60	/	/	/	Pass
		Outer_Full	19.88	/	/	19.79	/	/	/	Pass
		Inner_Full	22.83	/	/	22.74	/	/	/	Pass
		Inner_1RB_Left	22.71	/	/	22.62	/	/	/	Pass
		Inner_1RB_Right	22.72	/	/	22.63	/	/	/	Pass
	3624.99	Edge_1RB_Left	20.04	/	/	19.95	/	/	/	Pass
		Edge_1RB_Right	20.26	/	/	20.17	/	/	/	Pass
		Outer_Full	20.36	/	/	20.27	/	/	/	Pass
		Inner_Full	23.31	/	/	23.22	/	/	/	Pass
		Inner_1RB_Left	23.02	/	/	22.93	/	/	/	Pass
		Inner_1RB_Right	23.22	/	/	23.13	/	/	/	Pass
	3690	Edge_1RB_Left	19.14	/	/	19.05	/	/	/	Pass

DFT-s-OFDM QPSK		Edge 1RB Right	18.95	/	/	18.86	/	/	/	Pass
		Outer Full	19.08	/	/	18.99	/	/	/	Pass
		Inner Full	22.03	/	/	21.94	/	/	/	Pass
		Inner 1RB Left	22.10	/	/	22.01	/	/	/	Pass
		Inner 1RB Right	21.88	/	/	21.79	/	/	/	Pass
	3560.01	Edge 1RB Left	19.79	/	/	19.70	/	/	/	Pass
		Edge 1RB Right	19.68	/	/	19.59	/	/	/	Pass
		Outer Full	19.92	/	/	19.83	/	/	/	Pass
		Inner Full	22.85	/	/	22.76	/	/	/	Pass
		Inner 1RB Left	22.74	/	/	22.65	/	/	/	Pass
	3624.99	Inner 1RB Right	22.70	/	/	22.61	/	/	/	Pass
		Edge 1RB Left	20.00	/	/	19.91	/	/	/	Pass
		Edge 1RB Right	20.24	/	/	20.15	/	/	/	Pass
		Outer Full	20.45	/	/	20.36	/	/	/	Pass
		Inner Full	23.48	/	/	23.39	/	/	/	Pass
	3690	Inner 1RB Left	23.09	/	/	23.00	/	/	/	Pass
		Inner 1RB Right	23.32	/	/	23.23	/	/	/	Pass
		Edge 1RB Left	19.08	/	/	18.99	/	/	/	Pass
		Edge 1RB Right	18.93	/	/	18.84	/	/	/	Pass
		Outer Full	19.14	/	/	19.05	/	/	/	Pass
DFT-s-OFDM 16 QAM	3560.01	Inner Full	22.09	/	/	22.00	/	/	/	Pass
		Inner 1RB Left	22.10	/	/	22.01	/	/	/	Pass
		Inner 1RB Right	21.82	/	/	21.73	/	/	/	Pass
	3624.99	Edge 1RB Left	19.65	/	/	19.56	/	/	/	Pass
		Edge 1RB Right	19.62	/	/	19.53	/	/	/	Pass
		Outer Full	19.99	/	/	19.90	/	/	/	Pass
		Inner Full	20.82	/	/	20.73	/	/	/	Pass
		Inner 1RB Left	20.57	/	/	20.48	/	/	/	Pass
	3690	Inner 1RB Right	20.56	/	/	20.47	/	/	/	Pass
		Edge 1RB Left	19.99	/	/	19.90	/	/	/	Pass
		Edge 1RB Right	20.08	/	/	19.99	/	/	/	Pass
		Outer Full	20.25	/	/	20.16	/	/	/	Pass
		Inner Full	21.50	/	/	21.41	/	/	/	Pass
	3690	Inner 1RB Left	21.00	/	/	20.91	/	/	/	Pass
		Inner 1RB Right	21.06	/	/	20.97	/	/	/	Pass
		Edge 1RB Left	18.85	/	/	18.76	/	/	/	Pass
		Edge 1RB Right	18.74	/	/	18.65	/	/	/	Pass
		Outer Full	19.05	/	/	18.96	/	/	/	Pass
DFT-s-OFDM 64 QAM	3560.01	Inner Full	20.01	/	/	19.92	/	/	/	Pass
		Inner 1RB Left	20.05	/	/	19.96	/	/	/	Pass
		Inner 1RB Right	19.73	/	/	19.64	/	/	/	Pass
		Edge 1RB Left	19.94	/	/	19.85	/	/	/	Pass
		Edge 1RB Right	19.75	/	/	19.66	/	/	/	Pass
	3624.99	Outer Full	19.95	/	/	19.86	/	/	/	Pass
		Inner Full	19.80	/	/	19.71	/	/	/	Pass
		Inner 1RB Left	19.87	/	/	19.78	/	/	/	Pass
		Inner 1RB Right	19.78	/	/	19.69	/	/	/	Pass
		Edge 1RB Left	20.13	/	/	20.04	/	/	/	Pass
	3690	Edge 1RB Right	20.46	/	/	20.37	/	/	/	Pass
		Outer Full	20.21	/	/	20.12	/	/	/	Pass
		Inner Full	20.44	/	/	20.35	/	/	/	Pass
		Inner 1RB Left	20.08	/	/	19.99	/	/	/	Pass
		Inner 1RB Right	20.36	/	/	20.27	/	/	/	Pass

	3690	Edge_1RB_Left	19.20	/	/	19.11	/	/	/	Pass
		Edge_1RB_Right	18.85	/	/	18.76	/	/	/	Pass
		Outer_Full	19.06	/	/	18.97	/	/	/	Pass
		Inner_Full	19.16	/	/	19.07	/	/	/	Pass
		Inner_1RB_Left	19.23	/	/	19.14	/	/	/	Pass
		Inner_1RB_Right	18.98	/	/	18.89	/	/	/	Pass
DFT-s-OFDM 256 QAM	3560.01	Edge_1RB_Left	16.68	/	/	16.59	/	/	/	Pass
		Edge_1RB_Right	16.77	/	/	16.68	/	/	/	Pass
		Outer_Full	16.85	/	/	16.76	/	/	/	Pass
		Inner_Full	16.82	/	/	16.73	/	/	/	Pass
		Inner_1RB_Left	16.69	/	/	16.60	/	/	/	Pass
		Inner_1RB_Right	16.69	/	/	16.60	/	/	/	Pass
	3624.99	Edge_1RB_Left	17.02	/	/	16.93	/	/	/	Pass
		Edge_1RB_Right	17.20	/	/	17.11	/	/	/	Pass
		Outer_Full	17.27	/	/	17.18	/	/	/	Pass
		Inner_Full	17.45	/	/	17.36	/	/	/	Pass
		Inner_1RB_Left	16.95	/	/	16.86	/	/	/	Pass
		Inner_1RB_Right	17.23	/	/	17.14	/	/	/	Pass
	3690	Edge_1RB_Left	16.13	/	/	16.04	/	/	/	Pass
		Edge_1RB_Right	15.93	/	/	15.84	/	/	/	Pass
		Outer_Full	16.05	/	/	15.96	/	/	/	Pass
		Inner_Full	16.04	/	/	15.95	/	/	/	Pass
		Inner_1RB_Left	16.17	/	/	16.08	/	/	/	Pass
		Inner_1RB_Right	15.73	/	/	15.64	/	/	/	Pass
CP-OFDM QPSK	3560.01	Edge_1RB_Left	19.83	/	/	19.74	/	/	/	Pass
		Edge_1RB_Right	19.78	/	/	19.69	/	/	/	Pass
		Outer_Full	17.88	/	/	17.79	/	/	/	Pass
		Inner_Full	20.83	/	/	20.74	/	/	/	Pass
		Inner_1RB_Left	20.90	/	/	20.81	/	/	/	Pass
		Inner_1RB_Right	20.77	/	/	20.68	/	/	/	Pass
	3624.99	Edge_1RB_Left	20.13	/	/	20.04	/	/	/	Pass
		Edge_1RB_Right	20.26	/	/	20.17	/	/	/	Pass
		Outer_Full	18.22	/	/	18.13	/	/	/	Pass
		Inner_Full	21.45	/	/	21.36	/	/	/	Pass
		Inner_1RB_Left	21.20	/	/	21.11	/	/	/	Pass
		Inner_1RB_Right	21.39	/	/	21.30	/	/	/	Pass
	3690	Edge_1RB_Left	19.23	/	/	19.14	/	/	/	Pass
		Edge_1RB_Right	18.98	/	/	18.89	/	/	/	Pass
		Outer_Full	16.96	/	/	16.87	/	/	/	Pass
		Inner_Full	20.10	/	/	20.01	/	/	/	Pass
		Inner_1RB_Left	20.20	/	/	20.11	/	/	/	Pass
		Inner_1RB_Right	19.95	/	/	19.86	/	/	/	Pass
CP-OFDM 16 QAM	3560.01	Edge_1RB_Left	18.83	/	/	18.74	/	/	/	Pass
		Edge_1RB_Right	18.70	/	/	18.61	/	/	/	Pass
		Outer_Full	18.89	/	/	18.80	/	/	/	Pass
		Inner_Full	19.84	/	/	19.75	/	/	/	Pass
		Inner_1RB_Left	19.75	/	/	19.66	/	/	/	Pass
		Inner_1RB_Right	19.74	/	/	19.65	/	/	/	Pass
	3624.99	Edge_1RB_Left	19.07	/	/	18.98	/	/	/	Pass
		Edge_1RB_Right	19.24	/	/	19.15	/	/	/	Pass
		Outer_Full	19.39	/	/	19.30	/	/	/	Pass
		Inner_Full	20.41	/	/	20.32	/	/	/	Pass
		Inner_1RB_Left	19.87	/	/	19.78	/	/	/	Pass

	3690	Inner_1RB_Right	20.16	/	/	20.07	/	/	/	Pass
		Edge_1RB_Left	18.06	/	/	17.97	/	/	/	Pass
		Edge_1RB_Right	17.96	/	/	17.87	/	/	/	Pass
		Outer_Full	18.04	/	/	17.95	/	/	/	Pass
		Inner_Full	19.11	/	/	19.02	/	/	/	Pass
		Inner_1RB_Left	19.02	/	/	18.93	/	/	/	Pass
		Inner_1RB_Right	18.72	/	/	18.63	/	/	/	Pass
CP-OFDM 64 QAM	3560.01	Edge_1RB_Left	18.83	/	/	18.74	/	/	/	Pass
		Edge_1RB_Right	18.87	/	/	18.78	/	/	/	Pass
		Outer_Full	18.80	/	/	18.71	/	/	/	Pass
		Inner_Full	18.92	/	/	18.83	/	/	/	Pass
		Inner_1RB_Left	18.83	/	/	18.74	/	/	/	Pass
		Inner_1RB_Right	18.64	/	/	18.55	/	/	/	Pass
	3624.99	Edge_1RB_Left	19.11	/	/	19.02	/	/	/	Pass
		Edge_1RB_Right	19.24	/	/	19.15	/	/	/	Pass
		Outer_Full	19.40	/	/	19.31	/	/	/	Pass
		Inner_Full	19.48	/	/	19.39	/	/	/	Pass
		Inner_1RB_Left	19.13	/	/	19.04	/	/	/	Pass
		Inner_1RB_Right	19.27	/	/	19.18	/	/	/	Pass
	3690	Edge_1RB_Left	18.09	/	/	18.00	/	/	/	Pass
		Edge_1RB_Right	18.00	/	/	17.91	/	/	/	Pass
		Outer_Full	18.03	/	/	17.94	/	/	/	Pass
Inner_Full		18.06	/	/	17.97	/	/	/	Pass	
Inner_1RB_Left		18.09	/	/	18.00	/	/	/	Pass	
Inner_1RB_Right		17.91	/	/	17.82	/	/	/	Pass	
CP-OFDM 256 QAM	3560.01	Edge_1RB_Left	15.89	/	/	15.80	/	/	/	Pass
		Edge_1RB_Right	15.80	/	/	15.71	/	/	/	Pass
		Outer_Full	15.99	/	/	15.90	/	/	/	Pass
		Inner_Full	15.87	/	/	15.78	/	/	/	Pass
		Inner_1RB_Left	15.84	/	/	15.75	/	/	/	Pass
		Inner_1RB_Right	15.84	/	/	15.75	/	/	/	Pass
	3624.99	Edge_1RB_Left	16.07	/	/	15.98	/	/	/	Pass
		Edge_1RB_Right	16.39	/	/	16.30	/	/	/	Pass
		Outer_Full	16.33	/	/	16.24	/	/	/	Pass
		Inner_Full	16.53	/	/	16.44	/	/	/	Pass
		Inner_1RB_Left	16.14	/	/	16.05	/	/	/	Pass
		Inner_1RB_Right	16.45	/	/	16.36	/	/	/	Pass
	3690	Edge_1RB_Left	15.18	/	/	15.09	/	/	/	Pass
		Edge_1RB_Right	14.82	/	/	14.73	/	/	/	Pass
		Outer_Full	15.02	/	/	14.93	/	/	/	Pass
Inner_Full		15.08	/	/	14.99	/	/	/	Pass	
Inner_1RB_Left		15.09	/	/	15.00	/	/	/	Pass	
Inner_1RB_Right		14.94	/	/	14.85	/	/	/	Pass	
Note1: Antenna Gain: Ant6: -0.09dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30_S_20M_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

			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1RB_Left	19.27	/	/	19.18	/	/	<=23	Pass
		Edge_1RB_Right	20.37	/	/	20.28	/	/	<=23	Pass
		Outer_Full	17.31	/	/	17.22	/	/	<=23	Pass
		Inner_Full	22.39	/	/	22.30	/	/	<=23	Pass
		Inner_1RB_Left	22.02	/	/	21.93	/	/	<=23	Pass
		Inner_1RB_Right	22.89	/	/	22.80	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	19.94	/	/	19.85	/	/	<=23	Pass
		Edge_1RB_Right	19.91	/	/	19.82	/	/	<=23	Pass
		Outer_Full	17.52	/	/	17.43	/	/	<=23	Pass
		Inner_Full	22.81	/	/	22.72	/	/	<=23	Pass
		Inner_1RB_Left	23.05	/	/	22.96	/	/	<=23	Pass
		Inner_1RB_Right	22.92	/	/	22.83	/	/	<=23	Pass
	3690	Edge_1RB_Left	19.14	/	/	19.05	/	/	<=23	Pass
		Edge_1RB_Right	19.14	/	/	19.05	/	/	<=23	Pass
		Outer_Full	15.23	/	/	15.14	/	/	<=23	Pass
		Inner_Full	22.12	/	/	22.03	/	/	<=23	Pass
		Inner_1RB_Left	22.17	/	/	22.08	/	/	<=23	Pass
		Inner_1RB_Right	20.94	/	/	20.85	/	/	<=23	Pass
DFT-s-OFDM QPSK	3560.01	Edge_1RB_Left	19.69	/	/	19.60	/	/	<=23	Pass
		Edge_1RB_Right	20.30	/	/	20.21	/	/	<=23	Pass
		Outer_Full	17.32	/	/	17.23	/	/	<=23	Pass
		Inner_Full	23.08	/	/	22.99	/	/	<=23	Pass
		Inner_1RB_Left	22.64	/	/	22.55	/	/	<=23	Pass
		Inner_1RB_Right	22.79	/	/	22.70	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	19.84	/	/	19.75	/	/	<=23	Pass
		Edge_1RB_Right	19.97	/	/	19.88	/	/	<=23	Pass
		Outer_Full	17.39	/	/	17.30	/	/	<=23	Pass
		Inner_Full	22.82	/	/	22.73	/	/	<=23	Pass
		Inner_1RB_Left	22.80	/	/	22.71	/	/	<=23	Pass
		Inner_1RB_Right	22.90	/	/	22.81	/	/	<=23	Pass
	3690	Edge_1RB_Left	17.95	/	/	17.86	/	/	<=23	Pass
		Edge_1RB_Right	19.13	/	/	19.04	/	/	<=23	Pass
		Outer_Full	15.26	/	/	15.17	/	/	<=23	Pass
		Inner_Full	22.25	/	/	22.16	/	/	<=23	Pass
		Inner_1RB_Left	22.21	/	/	22.12	/	/	<=23	Pass
		Inner_1RB_Right	20.92	/	/	20.83	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3560.01	Edge_1RB_Left	19.60	/	/	19.51	/	/	<=23	Pass
		Edge_1RB_Right	20.20	/	/	20.11	/	/	<=23	Pass
		Outer_Full	17.42	/	/	17.33	/	/	<=23	Pass
		Inner_Full	21.23	/	/	21.14	/	/	<=23	Pass
		Inner_1RB_Left	20.64	/	/	20.55	/	/	<=23	Pass
		Inner_1RB_Right	21.33	/	/	21.24	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.21	/	/	20.12	/	/	<=23	Pass
		Edge_1RB_Right	19.76	/	/	19.67	/	/	<=23	Pass
		Outer_Full	17.51	/	/	17.42	/	/	<=23	Pass
		Inner_Full	21.23	/	/	21.14	/	/	<=23	Pass
		Inner_1RB_Left	20.99	/	/	20.90	/	/	<=23	Pass
		Inner_1RB_Right	20.80	/	/	20.71	/	/	<=23	Pass
	3690	Edge_1RB_Left	19.18	/	/	19.09	/	/	<=23	Pass
		Edge_1RB_Right	19.00	/	/	18.91	/	/	<=23	Pass
		Outer_Full	16.69	/	/	16.60	/	/	<=23	Pass
		Inner_Full	20.17	/	/	20.08	/	/	<=23	Pass

DFT-s-OFDM 64 QAM	3560.01	Inner 1RB Left	20.20	/	/	20.11	/	/	<=23	Pass
		Inner 1RB Right	20.02	/	/	19.93	/	/	<=23	Pass
	3624.99	Edge 1RB Left	19.74	/	/	19.65	/	/	<=23	Pass
		Edge 1RB Right	20.39	/	/	20.30	/	/	<=23	Pass
		Outer Full	17.34	/	/	17.25	/	/	<=23	Pass
		Inner Full	20.16	/	/	20.07	/	/	<=23	Pass
		Inner 1RB Left	19.82	/	/	19.73	/	/	<=23	Pass
		Inner 1RB Right	20.13	/	/	20.04	/	/	<=23	Pass
	3690	Edge 1RB Left	20.12	/	/	20.03	/	/	<=23	Pass
		Edge 1RB Right	20.02	/	/	19.93	/	/	<=23	Pass
		Outer Full	17.47	/	/	17.38	/	/	<=23	Pass
		Inner Full	20.16	/	/	20.07	/	/	<=23	Pass
		Inner 1RB Left	20.08	/	/	19.99	/	/	<=23	Pass
		Inner 1RB Right	19.95	/	/	19.86	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3560.01	Edge 1RB Left	18.00	/	/	17.91	/	/	<=23	Pass
		Edge 1RB Right	19.21	/	/	19.12	/	/	<=23	Pass
		Outer Full	16.60	/	/	16.51	/	/	<=23	Pass
		Inner Full	19.17	/	/	19.08	/	/	<=23	Pass
		Inner 1RB Left	19.27	/	/	19.18	/	/	<=23	Pass
		Inner 1RB Right	19.20	/	/	19.11	/	/	<=23	Pass
	3624.99	Edge 1RB Left	16.64	/	/	16.55	/	/	<=23	Pass
		Edge 1RB Right	17.12	/	/	17.03	/	/	<=23	Pass
		Outer Full	14.55	/	/	14.46	/	/	<=23	Pass
		Inner Full	17.28	/	/	17.19	/	/	<=23	Pass
		Inner 1RB Left	16.17	/	/	16.08	/	/	<=23	Pass
		Inner 1RB Right	17.33	/	/	17.24	/	/	<=23	Pass
	3690	Edge 1RB Left	17.04	/	/	16.95	/	/	<=23	Pass
		Edge 1RB Right	16.71	/	/	16.62	/	/	<=23	Pass
		Outer Full	14.60	/	/	14.51	/	/	<=23	Pass
		Inner Full	17.24	/	/	17.15	/	/	<=23	Pass
		Inner 1RB Left	17.22	/	/	17.13	/	/	<=23	Pass
		Inner 1RB Right	16.72	/	/	16.63	/	/	<=23	Pass
CP-OFDM QPSK	3560.01	Edge 1RB Left	16.09	/	/	16.00	/	/	<=23	Pass
		Edge 1RB Right	15.80	/	/	15.71	/	/	<=23	Pass
		Outer Full	12.49	/	/	12.40	/	/	<=23	Pass
		Inner Full	16.22	/	/	16.13	/	/	<=23	Pass
		Inner 1RB Left	16.06	/	/	15.97	/	/	<=23	Pass
		Inner 1RB Right	16.05	/	/	15.96	/	/	<=23	Pass
	3624.99	Edge 1RB Left	19.58	/	/	19.49	/	/	<=23	Pass
		Edge 1RB Right	20.13	/	/	20.04	/	/	<=23	Pass
		Outer Full	15.40	/	/	15.31	/	/	<=23	Pass
		Inner Full	20.98	/	/	20.89	/	/	<=23	Pass
		Inner 1RB Left	20.38	/	/	20.29	/	/	<=23	Pass
		Inner 1RB Right	21.32	/	/	21.23	/	/	<=23	Pass
	3690	Edge 1RB Left	20.34	/	/	20.25	/	/	<=23	Pass
		Edge 1RB Right	19.79	/	/	19.70	/	/	<=23	Pass
		Outer Full	15.37	/	/	15.28	/	/	<=23	Pass
		Inner Full	21.21	/	/	21.12	/	/	<=23	Pass
		Inner 1RB Left	21.13	/	/	21.04	/	/	<=23	Pass
		Inner 1RB Right	20.86	/	/	20.77	/	/	<=23	Pass
	3690	Edge 1RB Left	18.10	/	/	18.01	/	/	<=23	Pass
		Edge 1RB Right	18.20	/	/	18.11	/	/	<=23	Pass
		Outer Full	14.47	/	/	14.38	/	/	<=23	Pass

CP-OFDM 16 QAM		Inner Full	20.10	/	/	20.01	/	/	<=23	Pass
		Inner 1RB Left	20.16	/	/	20.07	/	/	<=23	Pass
		Inner 1RB Right	20.16	/	/	20.07	/	/	<=23	Pass
	3560.01	Edge 1RB Left	18.23	/	/	18.14	/	/	<=23	Pass
		Edge 1RB Right	19.16	/	/	19.07	/	/	<=23	Pass
		Outer Full	16.40	/	/	16.31	/	/	<=23	Pass
		Inner Full	20.23	/	/	20.14	/	/	<=23	Pass
		Inner 1RB Left	19.50	/	/	19.41	/	/	<=23	Pass
		Inner 1RB Right	19.99	/	/	19.90	/	/	<=23	Pass
	3624.99	Edge 1RB Left	18.94	/	/	18.85	/	/	<=23	Pass
		Edge 1RB Right	18.77	/	/	18.68	/	/	<=23	Pass
		Outer Full	16.32	/	/	16.23	/	/	<=23	Pass
		Inner Full	20.32	/	/	20.23	/	/	<=23	Pass
		Inner 1RB Left	19.87	/	/	19.78	/	/	<=23	Pass
		Inner 1RB Right	19.80	/	/	19.71	/	/	<=23	Pass
	3690	Edge 1RB Left	18.03	/	/	17.94	/	/	<=23	Pass
		Edge 1RB Right	17.96	/	/	17.87	/	/	<=23	Pass
		Outer Full	14.25	/	/	14.16	/	/	<=23	Pass
		Inner Full	19.00	/	/	18.91	/	/	<=23	Pass
		Inner 1RB Left	17.99	/	/	17.90	/	/	<=23	Pass
		Inner 1RB Right	18.81	/	/	18.72	/	/	<=23	Pass
CP-OFDM 64 QAM	3560.01	Edge 1RB Left	18.75	/	/	18.66	/	/	<=23	Pass
		Edge 1RB Right	19.23	/	/	19.14	/	/	<=23	Pass
		Outer Full	16.31	/	/	16.22	/	/	<=23	Pass
		Inner Full	19.14	/	/	19.05	/	/	<=23	Pass
		Inner 1RB Left	18.72	/	/	18.63	/	/	<=23	Pass
		Inner 1RB Right	19.30	/	/	19.21	/	/	<=23	Pass
	3624.99	Edge 1RB Left	19.22	/	/	19.13	/	/	<=23	Pass
		Edge 1RB Right	18.75	/	/	18.66	/	/	<=23	Pass
		Outer Full	16.38	/	/	16.29	/	/	<=23	Pass
		Inner Full	19.19	/	/	19.10	/	/	<=23	Pass
		Inner 1RB Left	19.24	/	/	19.15	/	/	<=23	Pass
		Inner 1RB Right	18.93	/	/	18.84	/	/	<=23	Pass
	3690	Edge 1RB Left	18.16	/	/	18.07	/	/	<=23	Pass
		Edge 1RB Right	16.67	/	/	16.58	/	/	<=23	Pass
		Outer Full	15.40	/	/	15.31	/	/	<=23	Pass
		Inner Full	18.32	/	/	18.23	/	/	<=23	Pass
		Inner 1RB Left	18.25	/	/	18.16	/	/	<=23	Pass
		Inner 1RB Right	18.24	/	/	18.15	/	/	<=23	Pass
CP-OFDM 256 QAM	3560.01	Edge 1RB Left	15.47	/	/	15.38	/	/	<=23	Pass
		Edge 1RB Right	16.33	/	/	16.24	/	/	<=23	Pass
		Outer Full	13.23	/	/	13.14	/	/	<=23	Pass
		Inner Full	15.95	/	/	15.86	/	/	<=23	Pass
		Inner 1RB Left	15.73	/	/	15.64	/	/	<=23	Pass
		Inner 1RB Right	16.41	/	/	16.32	/	/	<=23	Pass
	3624.99	Edge 1RB Left	16.25	/	/	16.16	/	/	<=23	Pass
		Edge 1RB Right	15.88	/	/	15.79	/	/	<=23	Pass
		Outer Full	13.23	/	/	13.14	/	/	<=23	Pass
		Inner Full	16.37	/	/	16.28	/	/	<=23	Pass
		Inner 1RB Left	16.02	/	/	15.93	/	/	<=23	Pass
		Inner 1RB Right	15.79	/	/	15.70	/	/	<=23	Pass
	3690	Edge 1RB Left	15.07	/	/	14.98	/	/	<=23	Pass
		Edge 1RB Right	15.01	/	/	14.92	/	/	<=23	Pass



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		Outer_Full	12.58	/	/	12.49	/	/	<=23	Pass
		Inner_Full	14.07	/	/	13.98	/	/	<=23	Pass
		Inner_1RB_Left	15.25	/	/	15.16	/	/	<=23	Pass
		Inner_1RB_Right	15.10	/	/	15.01	/	/	<=23	Pass
Note1: Antenna Gain: Ant6: -0.09dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30_S_20M

5G NR n48 SCS=30kHz SISO 20MHz								
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	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
				HV	-8.00	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	2.70	0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-13.40	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	2.30	0.0006	>=-2.5 & <=2.5	Pass
			10	NV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-10.70	-0.0030	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_S_10M_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	8.56	9.79	/	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	8.58	9.52	/	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	8.59	9.42	/	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	8.55	9.38	/	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	8.58	9.37	/	Pass
CP-OFDM QPSK	3624.99	Outer_Full	8.58	9.58	/	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	8.54	9.63	/	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	8.53	9.40	/	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	8.68	10.27	/	Pass

3.1.2 30_S_20M_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	17.83	18.78	/	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	17.74	18.82	/	Pass



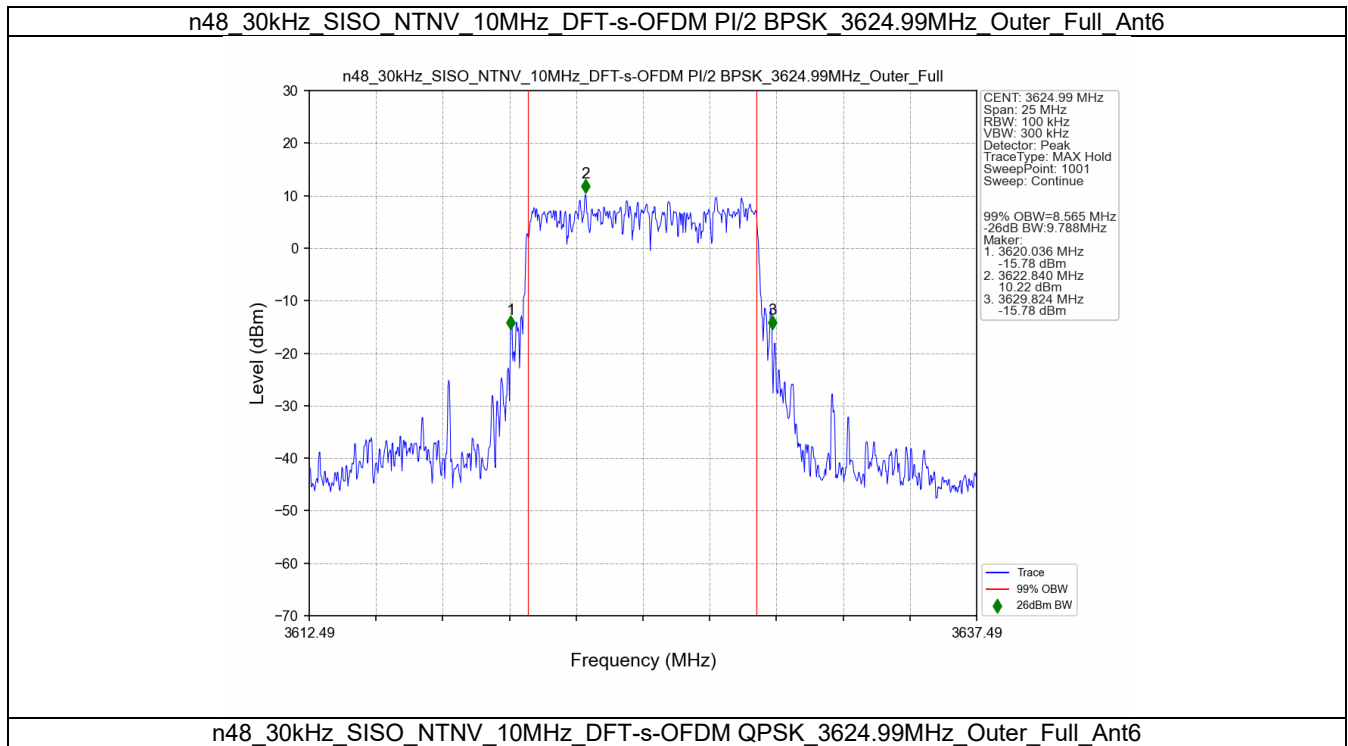
Report No.: SUCR260400031710

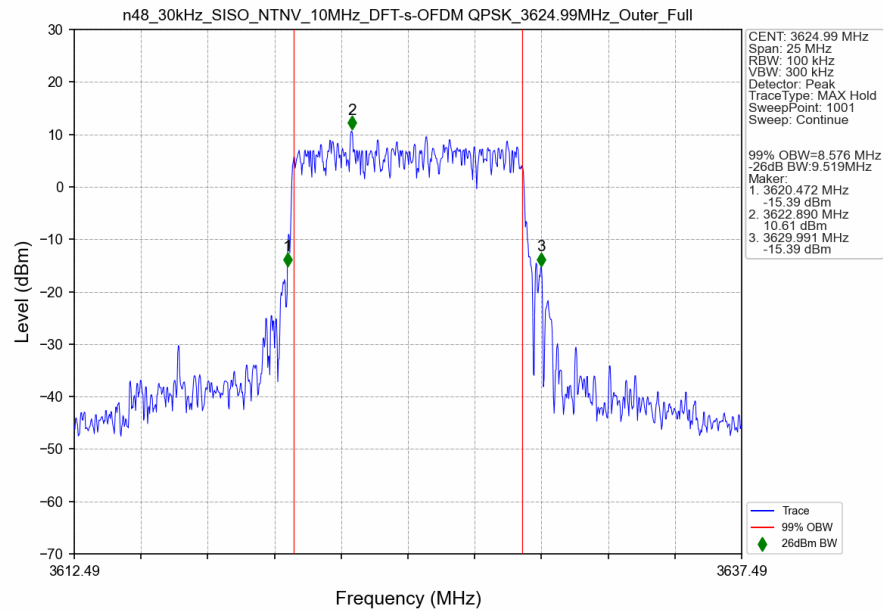
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DFT-s-OFDM 16 QAM	3624.99	Outer_Full	17.95	19.24	/	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	17.84	18.71	/	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	17.81	18.78	/	Pass
CP-OFDM QPSK	3624.99	Outer_Full	18.26	19.28	/	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	18.21	19.25	/	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	18.24	19.26	/	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	18.30	19.40	/	Pass

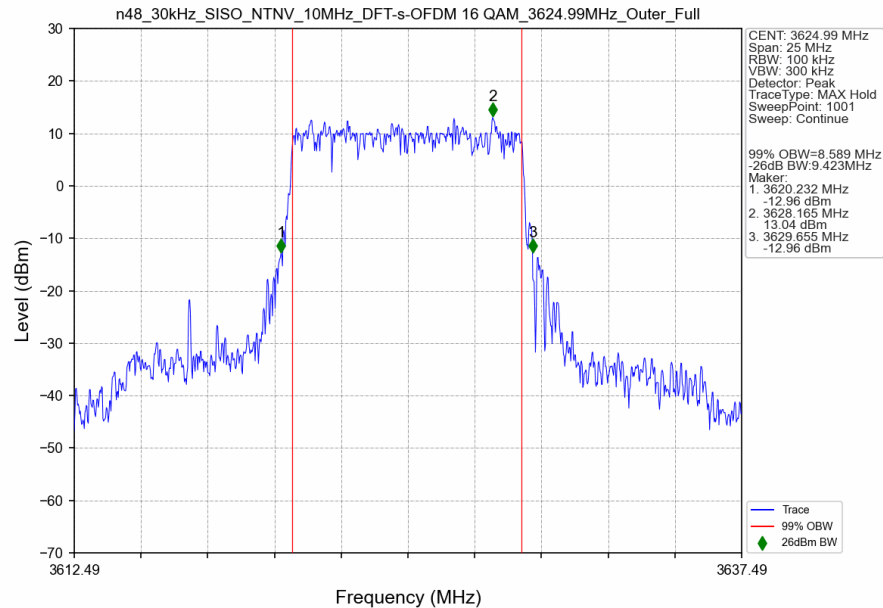
3.2 Test Graph

3.2.1 30_S_10M_NTNV

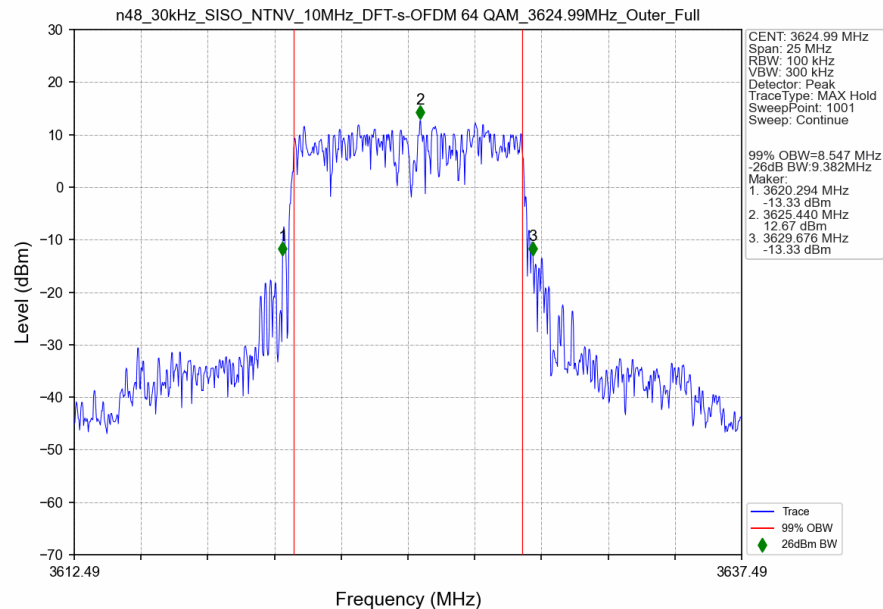




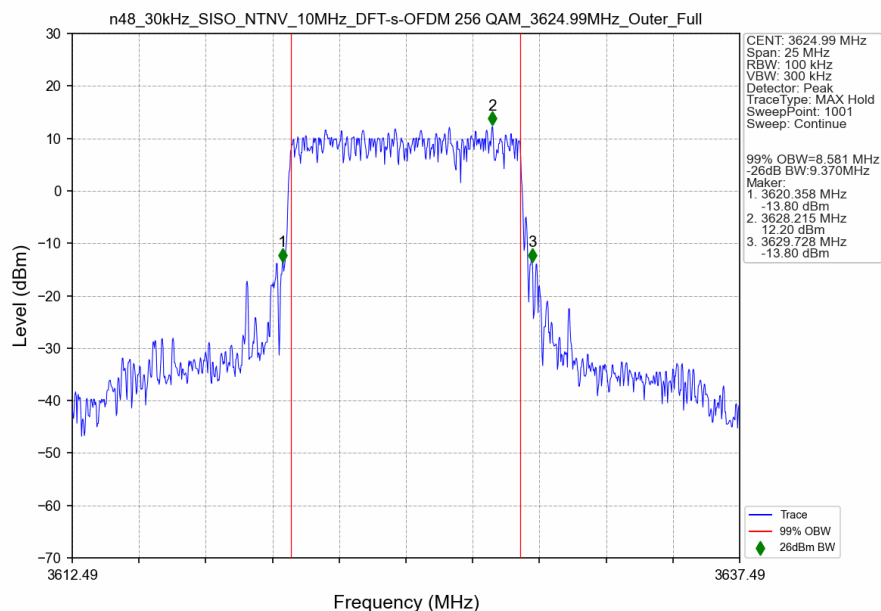
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3624.99MHz_Outer_Full_Ant6



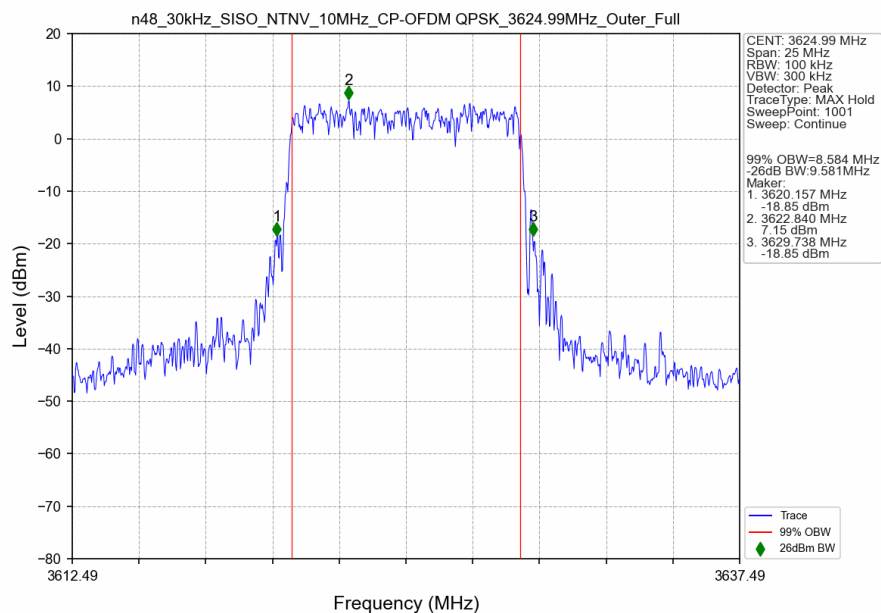
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3624.99MHz_Outer_Full_Ant6



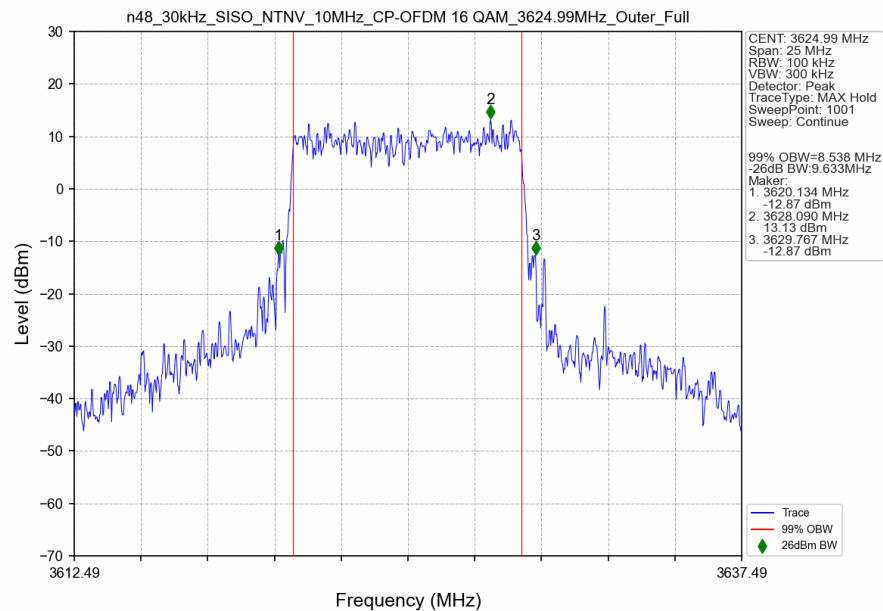
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM 3624.99MHz_Outer_Full_Ant6



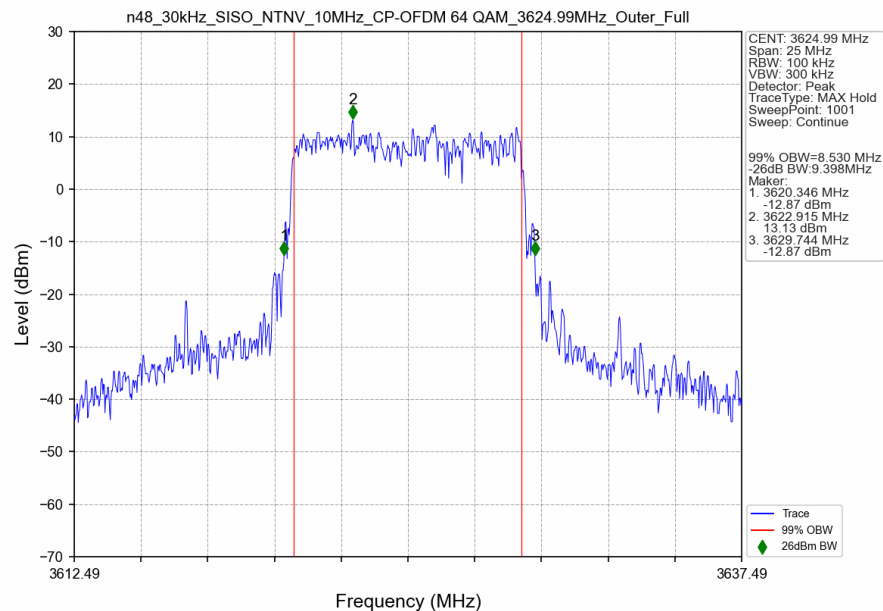
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK 3624.99MHz_Outer_Full_Ant6



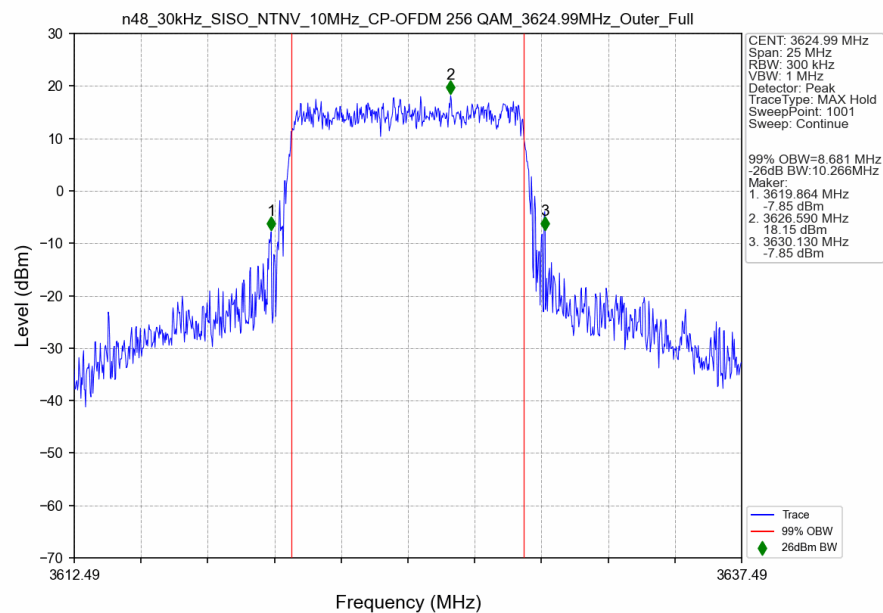
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full_Ant6



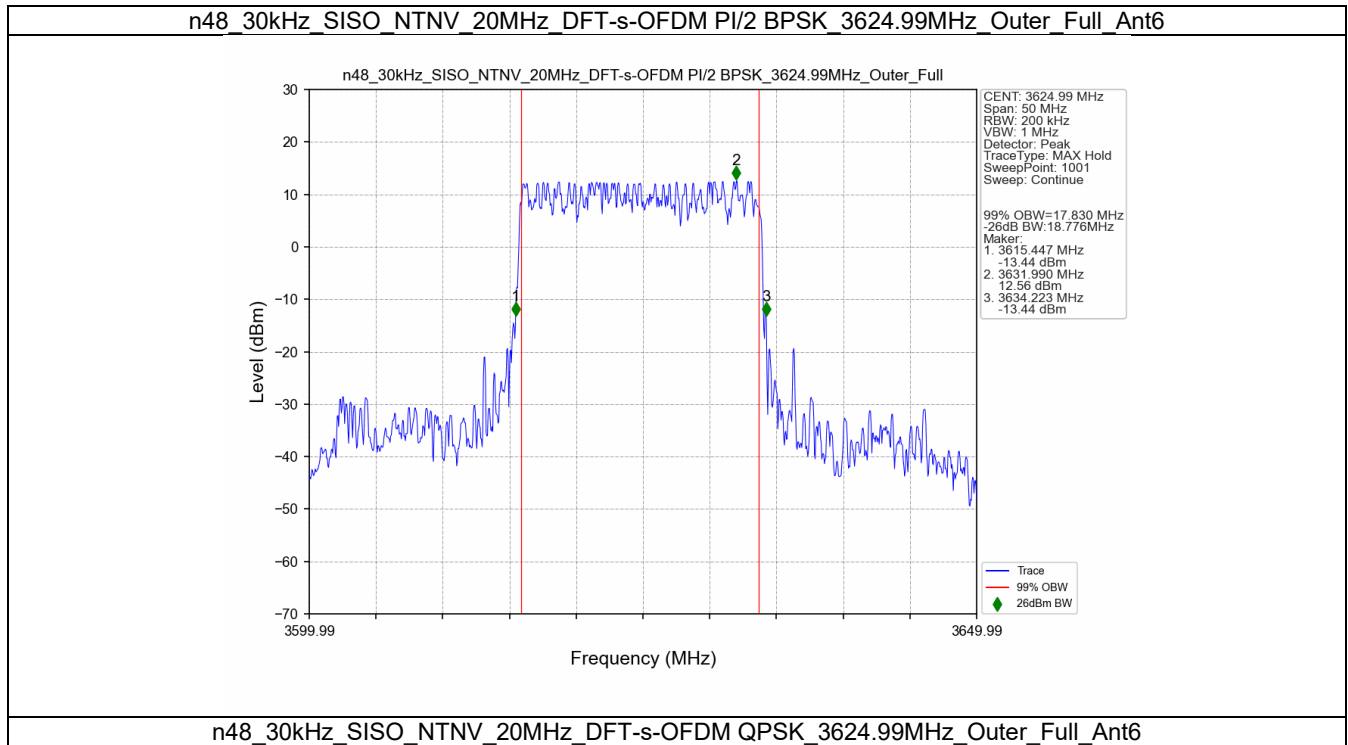
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant6

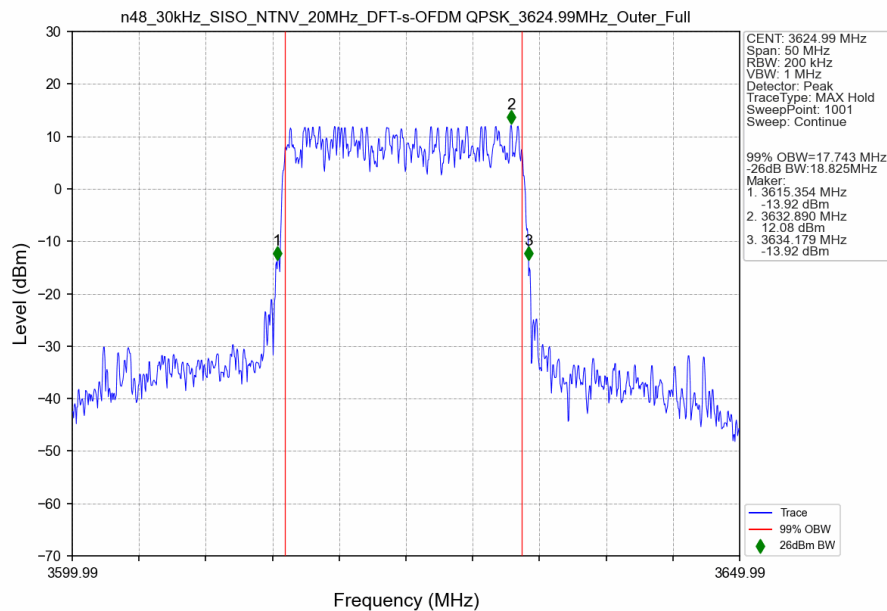


n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 3624.99MHz_Outer_Full_Ant6



3.2.2 30_S_20M_NTNV





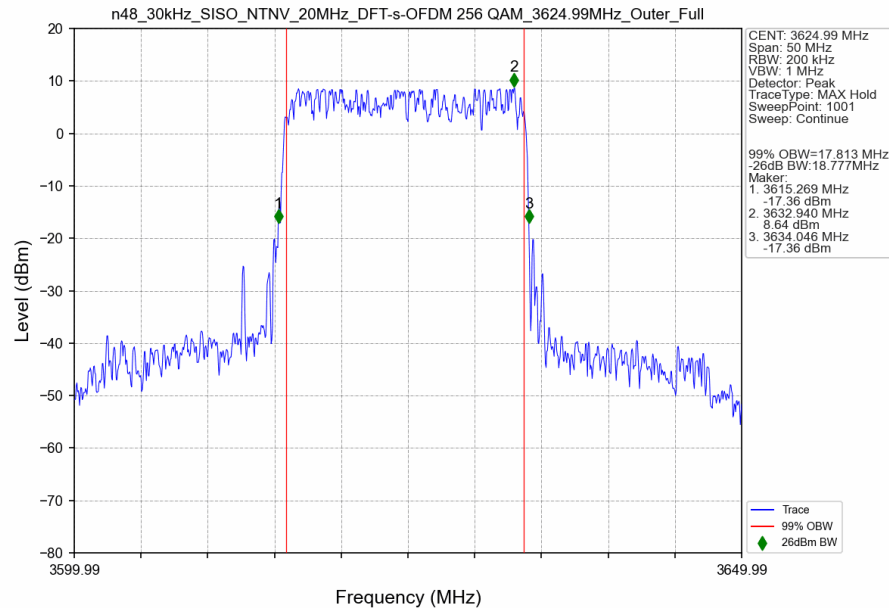
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3624.99MHz_Outer_Full_Ant6



n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3624.99MHz_Outer_Full_Ant6



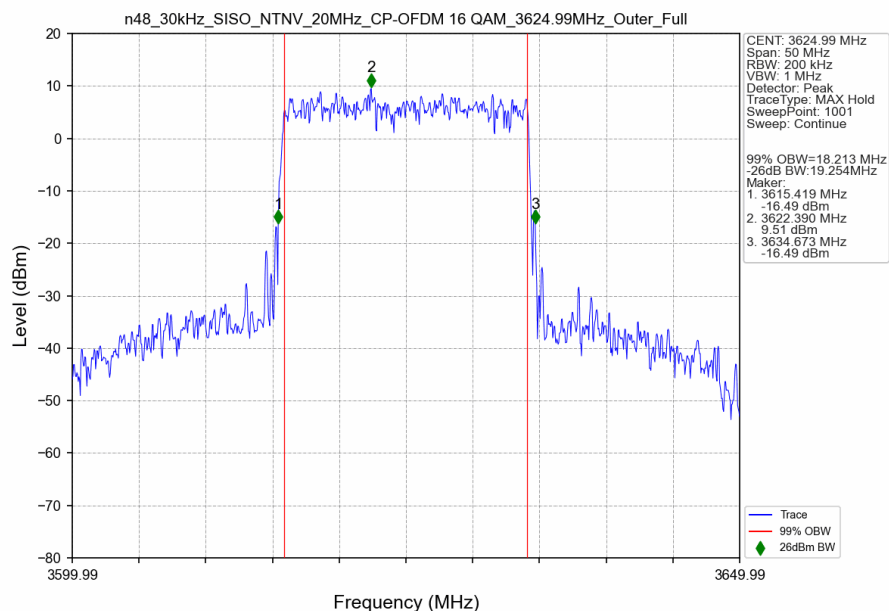
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM 3624.99MHz_Outer_Full_Ant6



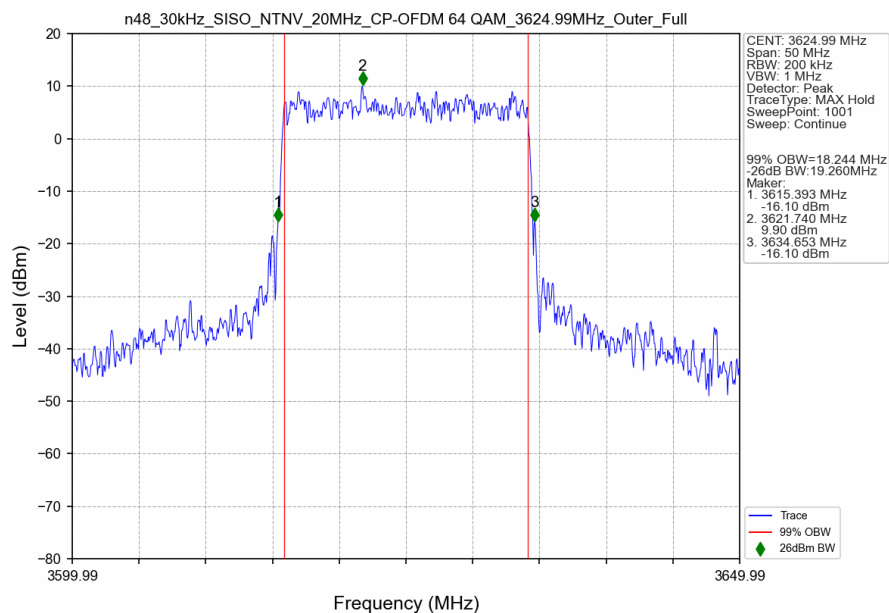
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK 3624.99MHz_Outer_Full_Ant6



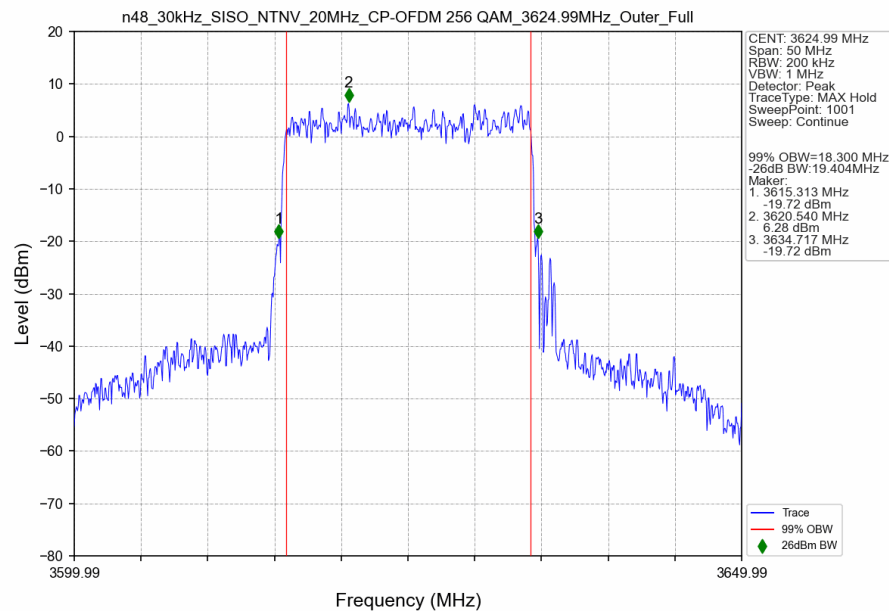
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full_Ant6



n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant6



n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM 3624.99MHz_Outer_Full_Ant6





4. Peak-Average Ratio

4.1 Test Result

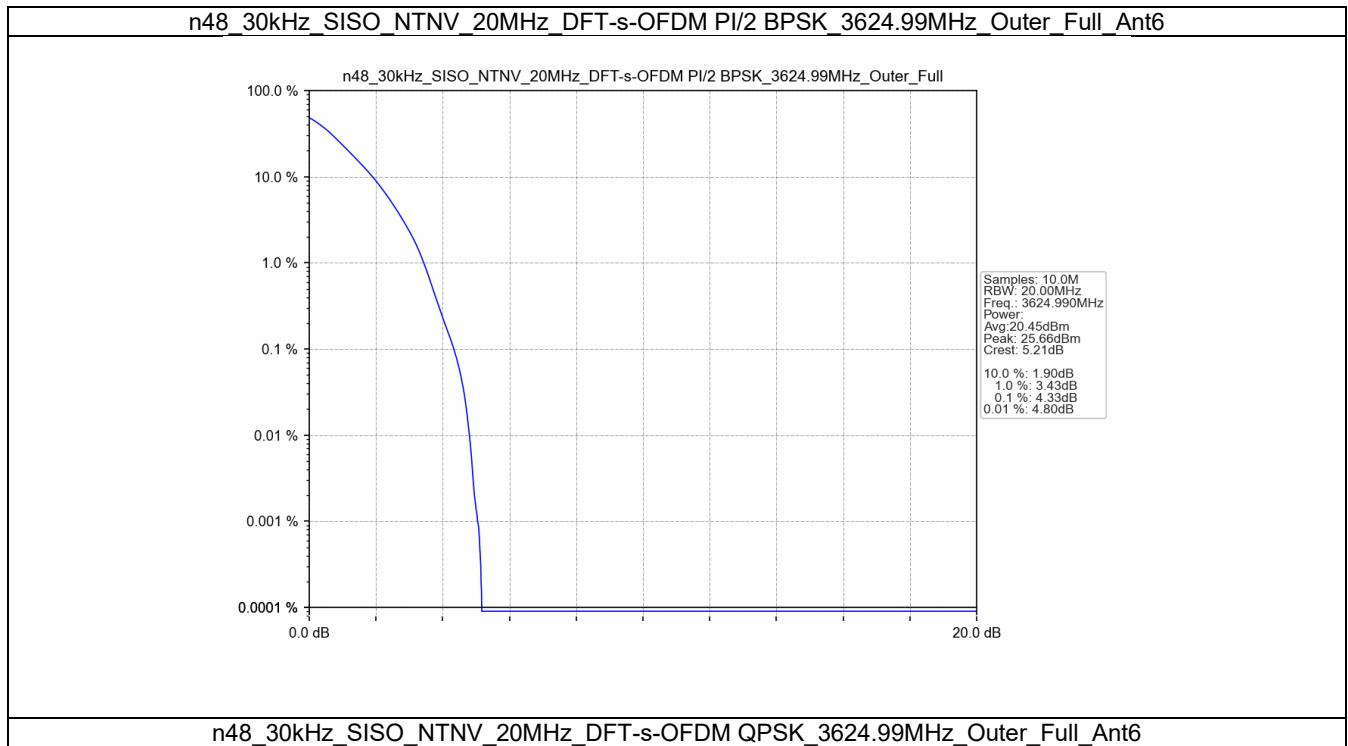
4.1.1 30_S_20M_NTNV

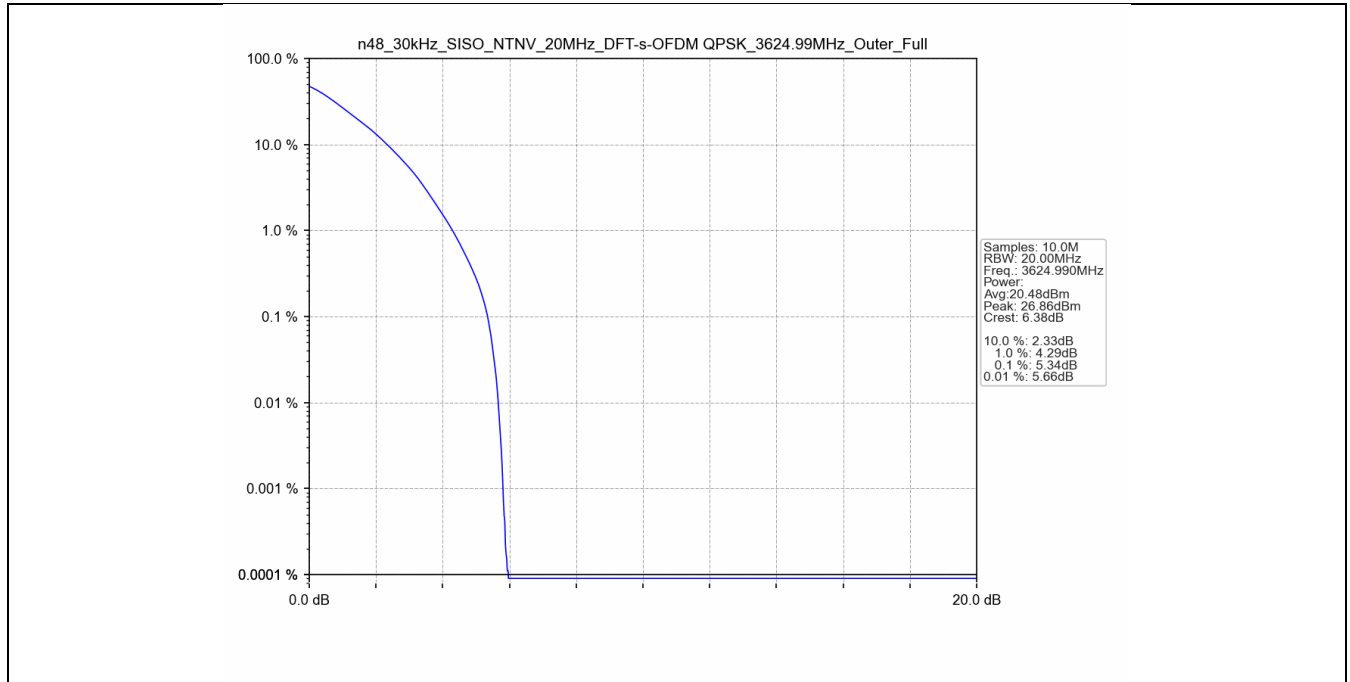
5G NR n48 SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	4.33	/	/	<=13	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	5.34	/	/	<=13	Pass
CP-OFDM QPSK	3624.99	Outer_Full	7.32	/	/	<=13	Pass



4.2 Test Graph

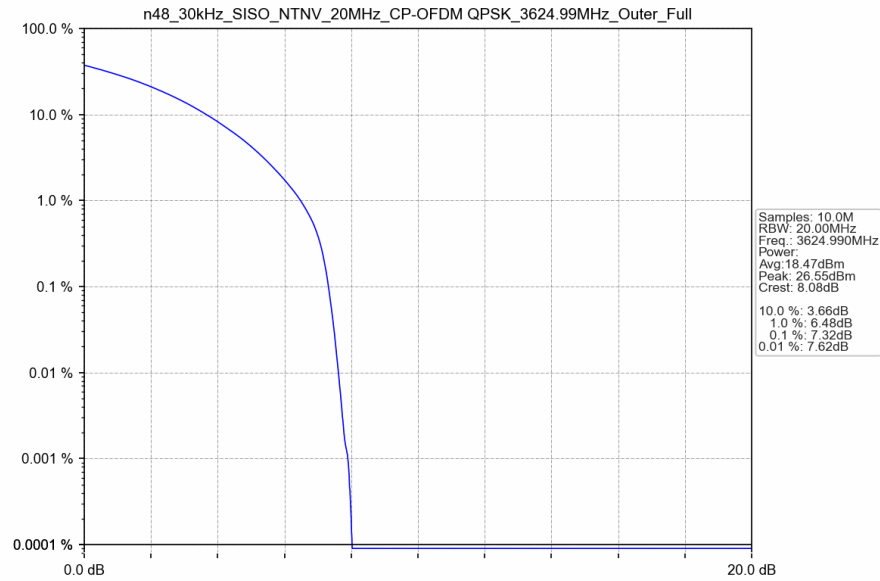
4.2.1 30_S_20M_NTNV







n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full_Ant6





5. Spurious Emission

5.1 Test Result

5.1.1 30_S_10M_NTNV

5G NR n48 SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	3624.99	Edge 1RB Left	Refer To Test Graph				Pass
	3694.98	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
Outer Full		Refer To Test Graph				Pass	
DFT-s-OFDM QPSK	3555	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	3624.99	Edge 1RB Left	Refer To Test Graph				Pass
	3694.98	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
Outer Full		Refer To Test Graph				Pass	
CP-OFDM QPSK	3555	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	3624.99	Edge 1RB Left	Refer To Test Graph				Pass
	3694.98	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
Outer Full		Refer To Test Graph				Pass	

5.1.2 30_S_20M_NTNV

5G NR n48 SCS=30kHz SISO 20MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant6	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1RB_Left	Refer To Test Graph				Pass	
		Edge_1RB_Right	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass	
		3690	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3560.01		Outer_Full	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass	
		Edge_1RB_Right	Refer To Test Graph				Pass	
	3624.99	Outer_Full	Refer To Test Graph				Pass	
		Edge_1RB_Left	Refer To Test Graph				Pass	



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	3690	Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
CP-OFDM QPSK	3560.01	Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph	Pass
	3690	Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass