

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_ERP

5G NR n71 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	680.5	Edge_1RB_Left	22.82	/	/	17.17	/	/	<=34.77	Pass
		Edge_1RB_Right	22.83	/	/	17.18	/	/	<=34.77	Pass
		Outer_Full	22.88	/	/	17.23	/	/	<=34.77	Pass
		Inner_Full	23.44	/	/	17.79	/	/	<=34.77	Pass
		Inner_1RB_Left	23.34	/	/	17.69	/	/	<=34.77	Pass
		Inner_1RB_Right	23.35	/	/	17.70	/	/	<=34.77	Pass
	665.5	Edge_1RB_Left	22.89	/	/	17.24	/	/	<=34.77	Pass
		Edge_1RB_Right	22.99	/	/	17.34	/	/	<=34.77	Pass
		Outer_Full	23.05	/	/	17.40	/	/	<=34.77	Pass
		Inner_Full	23.60	/	/	17.95	/	/	<=34.77	Pass
		Inner_1RB_Left	23.39	/	/	17.74	/	/	<=34.77	Pass
		Inner_1RB_Right	23.52	/	/	17.87	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	22.88	/	/	17.23	/	/	<=34.77	Pass
		Edge_1RB_Right	22.98	/	/	17.33	/	/	<=34.77	Pass
		Outer_Full	23.08	/	/	17.43	/	/	<=34.77	Pass
		Inner_Full	23.52	/	/	17.87	/	/	<=34.77	Pass
		Inner_1RB_Left	23.41	/	/	17.76	/	/	<=34.77	Pass
		Inner_1RB_Right	23.49	/	/	17.84	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	680.5	Edge_1RB_Left	22.35	/	/	16.70	/	/	<=34.77	Pass
		Edge_1RB_Right	22.39	/	/	16.74	/	/	<=34.77	Pass
		Outer_Full	22.35	/	/	16.70	/	/	<=34.77	Pass
		Inner_Full	23.44	/	/	17.79	/	/	<=34.77	Pass
		Inner_1RB_Left	23.43	/	/	17.78	/	/	<=34.77	Pass
		Inner_1RB_Right	23.52	/	/	17.87	/	/	<=34.77	Pass
	665.5	Edge_1RB_Left	22.55	/	/	16.90	/	/	<=34.77	Pass
		Edge_1RB_Right	22.56	/	/	16.91	/	/	<=34.77	Pass
		Outer_Full	22.52	/	/	16.87	/	/	<=34.77	Pass
		Inner_Full	23.59	/	/	17.94	/	/	<=34.77	Pass
		Inner_1RB_Left	23.65	/	/	18.00	/	/	<=34.77	Pass
		Inner_1RB_Right	23.59	/	/	17.94	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	22.46	/	/	16.81	/	/	<=34.77	Pass
		Edge_1RB_Right	22.65	/	/	17.00	/	/	<=34.77	Pass
		Outer_Full	22.55	/	/	16.90	/	/	<=34.77	Pass
		Inner_Full	23.53	/	/	17.88	/	/	<=34.77	Pass
		Inner_1RB_Left	23.61	/	/	17.96	/	/	<=34.77	Pass
		Inner_1RB_Right	23.76	/	/	18.11	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	680.5	Edge_1RB_Left	21.57	/	/	15.92	/	/	<=34.77	Pass
		Edge_1RB_Right	21.58	/	/	15.93	/	/	<=34.77	Pass
		Outer_Full	21.43	/	/	15.78	/	/	<=34.77	Pass
		Inner_Full	22.44	/	/	16.79	/	/	<=34.77	Pass
		Inner_1RB_Left	22.58	/	/	16.93	/	/	<=34.77	Pass
		Inner_1RB_Right	22.61	/	/	16.96	/	/	<=34.77	Pass
	665.5	Edge_1RB_Left	21.69	/	/	16.04	/	/	<=34.77	Pass
		Edge_1RB_Right	21.76	/	/	16.11	/	/	<=34.77	Pass
		Outer_Full	21.57	/	/	15.92	/	/	<=34.77	Pass
		Inner_Full	22.61	/	/	16.96	/	/	<=34.77	Pass
		Inner_1RB_Left	22.64	/	/	16.99	/	/	<=34.77	Pass
		Inner_1RB_Right	22.77	/	/	17.12	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	21.67	/	/	16.02	/	/	<=34.77	Pass

		Edge 1RB Right	21.77	/	/	16.12	/	/	<=34.77	Pass
		Outer Full	21.55	/	/	15.90	/	/	<=34.77	Pass
		Inner Full	22.60	/	/	16.95	/	/	<=34.77	Pass
		Inner 1RB Left	22.65	/	/	17.00	/	/	<=34.77	Pass
		Inner 1RB Right	22.76	/	/	17.11	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	680.5	Edge 1RB Left	20.66	/	/	15.01	/	/	<=34.77	Pass
		Edge 1RB Right	20.66	/	/	15.01	/	/	<=34.77	Pass
		Outer Full	20.99	/	/	15.34	/	/	<=34.77	Pass
		Inner Full	20.95	/	/	15.30	/	/	<=34.77	Pass
		Inner 1RB Left	20.66	/	/	15.01	/	/	<=34.77	Pass
		Inner 1RB Right	20.68	/	/	15.03	/	/	<=34.77	Pass
	665.5	Edge 1RB Left	20.75	/	/	15.10	/	/	<=34.77	Pass
		Edge 1RB Right	20.85	/	/	15.20	/	/	<=34.77	Pass
		Outer Full	21.13	/	/	15.48	/	/	<=34.77	Pass
		Inner Full	21.10	/	/	15.45	/	/	<=34.77	Pass
		Inner 1RB Left	20.74	/	/	15.09	/	/	<=34.77	Pass
		Inner 1RB Right	20.81	/	/	15.16	/	/	<=34.77	Pass
	695.5	Edge 1RB Left	20.73	/	/	15.08	/	/	<=34.77	Pass
		Edge 1RB Right	20.78	/	/	15.13	/	/	<=34.77	Pass
		Outer Full	21.19	/	/	15.54	/	/	<=34.77	Pass
		Inner Full	21.10	/	/	15.45	/	/	<=34.77	Pass
		Inner 1RB Left	20.77	/	/	15.12	/	/	<=34.77	Pass
		Inner 1RB Right	20.90	/	/	15.25	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	680.5	Edge 1RB Left	18.69	/	/	13.04	/	/	<=34.77	Pass
		Edge 1RB Right	18.69	/	/	13.04	/	/	<=34.77	Pass
		Outer Full	18.73	/	/	13.08	/	/	<=34.77	Pass
		Inner Full	18.93	/	/	13.28	/	/	<=34.77	Pass
		Inner 1RB Left	18.71	/	/	13.06	/	/	<=34.77	Pass
		Inner 1RB Right	18.75	/	/	13.10	/	/	<=34.77	Pass
	665.5	Edge 1RB Left	18.80	/	/	13.15	/	/	<=34.77	Pass
		Edge 1RB Right	18.87	/	/	13.22	/	/	<=34.77	Pass
		Outer Full	18.88	/	/	13.23	/	/	<=34.77	Pass
		Inner Full	19.11	/	/	13.46	/	/	<=34.77	Pass
		Inner 1RB Left	18.80	/	/	13.15	/	/	<=34.77	Pass
		Inner 1RB Right	18.92	/	/	13.27	/	/	<=34.77	Pass
	695.5	Edge 1RB Left	18.80	/	/	13.15	/	/	<=34.77	Pass
		Edge 1RB Right	18.92	/	/	13.27	/	/	<=34.77	Pass
		Outer Full	18.98	/	/	13.33	/	/	<=34.77	Pass
		Inner Full	19.05	/	/	13.40	/	/	<=34.77	Pass
		Inner 1RB Left	18.87	/	/	13.22	/	/	<=34.77	Pass
		Inner 1RB Right	18.95	/	/	13.30	/	/	<=34.77	Pass
CP-OFDM QPSK	680.5	Edge 1RB Left	20.20	/	/	14.55	/	/	<=34.77	Pass
		Edge 1RB Right	20.24	/	/	14.59	/	/	<=34.77	Pass
		Outer Full	20.30	/	/	14.65	/	/	<=34.77	Pass
		Inner Full	21.83	/	/	16.18	/	/	<=34.77	Pass
		Inner 1RB Left	21.81	/	/	16.16	/	/	<=34.77	Pass
		Inner 1RB Right	21.80	/	/	16.15	/	/	<=34.77	Pass
	665.5	Edge 1RB Left	20.46	/	/	14.81	/	/	<=34.77	Pass
		Edge 1RB Right	20.39	/	/	14.74	/	/	<=34.77	Pass
		Outer Full	20.45	/	/	14.80	/	/	<=34.77	Pass
		Inner Full	22.04	/	/	16.39	/	/	<=34.77	Pass
		Inner 1RB Left	21.99	/	/	16.34	/	/	<=34.77	Pass
		Inner 1RB Right	21.98	/	/	16.33	/	/	<=34.77	Pass
	695.5	Edge 1RB Left	20.35	/	/	14.70	/	/	<=34.77	Pass
		Edge 1RB Right	20.42	/	/	14.77	/	/	<=34.77	Pass
		Outer Full	20.45	/	/	14.80	/	/	<=34.77	Pass
		Inner Full	22.00	/	/	16.35	/	/	<=34.77	Pass
		Inner 1RB Left	21.96	/	/	16.31	/	/	<=34.77	Pass
		Inner 1RB Right	22.00	/	/	16.35	/	/	<=34.77	Pass

CP-OFDM 16 QAM	680.5	Edge_1RB_Left	20.59	/	/	14.94	/	/	<=34.77	Pass
		Edge_1RB_Right	20.60	/	/	14.95	/	/	<=34.77	Pass
		Outer_Full	20.38	/	/	14.73	/	/	<=34.77	Pass
		Inner_Full	21.40	/	/	15.75	/	/	<=34.77	Pass
		Inner_1RB_Left	21.62	/	/	15.97	/	/	<=34.77	Pass
		Inner_1RB_Right	21.60	/	/	15.95	/	/	<=34.77	Pass
	665.5	Edge_1RB_Left	20.69	/	/	15.04	/	/	<=34.77	Pass
		Edge_1RB_Right	20.77	/	/	15.12	/	/	<=34.77	Pass
		Outer_Full	20.56	/	/	14.91	/	/	<=34.77	Pass
		Inner_Full	21.60	/	/	15.95	/	/	<=34.77	Pass
		Inner_1RB_Left	21.70	/	/	16.05	/	/	<=34.77	Pass
		Inner_1RB_Right	21.77	/	/	16.12	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	20.69	/	/	15.04	/	/	<=34.77	Pass
		Edge_1RB_Right	20.72	/	/	15.07	/	/	<=34.77	Pass
		Outer_Full	20.59	/	/	14.94	/	/	<=34.77	Pass
		Inner_Full	21.52	/	/	15.87	/	/	<=34.77	Pass
		Inner_1RB_Left	21.74	/	/	16.09	/	/	<=34.77	Pass
		Inner_1RB_Right	21.71	/	/	16.06	/	/	<=34.77	Pass
CP-OFDM 64 QAM	680.5	Edge_1RB_Left	19.75	/	/	14.10	/	/	<=34.77	Pass
		Edge_1RB_Right	19.77	/	/	14.12	/	/	<=34.77	Pass
		Outer_Full	19.92	/	/	14.27	/	/	<=34.77	Pass
		Inner_Full	19.88	/	/	14.23	/	/	<=34.77	Pass
		Inner_1RB_Left	19.84	/	/	14.19	/	/	<=34.77	Pass
		Inner_1RB_Right	19.76	/	/	14.11	/	/	<=34.77	Pass
	665.5	Edge_1RB_Left	19.87	/	/	14.22	/	/	<=34.77	Pass
		Edge_1RB_Right	19.89	/	/	14.24	/	/	<=34.77	Pass
		Outer_Full	20.11	/	/	14.46	/	/	<=34.77	Pass
		Inner_Full	20.07	/	/	14.42	/	/	<=34.77	Pass
		Inner_1RB_Left	19.89	/	/	14.24	/	/	<=34.77	Pass
		Inner_1RB_Right	19.86	/	/	14.21	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	19.84	/	/	14.19	/	/	<=34.77	Pass
		Edge_1RB_Right	19.89	/	/	14.24	/	/	<=34.77	Pass
		Outer_Full	20.12	/	/	14.47	/	/	<=34.77	Pass
		Inner_Full	20.07	/	/	14.42	/	/	<=34.77	Pass
		Inner_1RB_Left	19.94	/	/	14.29	/	/	<=34.77	Pass
		Inner_1RB_Right	20.00	/	/	14.35	/	/	<=34.77	Pass
CP-OFDM 256 QAM	680.5	Edge_1RB_Left	16.82	/	/	11.17	/	/	<=34.77	Pass
		Edge_1RB_Right	16.85	/	/	11.20	/	/	<=34.77	Pass
		Outer_Full	16.76	/	/	11.11	/	/	<=34.77	Pass
		Inner_Full	16.84	/	/	11.19	/	/	<=34.77	Pass
		Inner_1RB_Left	16.91	/	/	11.26	/	/	<=34.77	Pass
		Inner_1RB_Right	16.84	/	/	11.19	/	/	<=34.77	Pass
	665.5	Edge_1RB_Left	16.96	/	/	11.31	/	/	<=34.77	Pass
		Edge_1RB_Right	17.06	/	/	11.41	/	/	<=34.77	Pass
		Outer_Full	17.00	/	/	11.35	/	/	<=34.77	Pass
		Inner_Full	17.05	/	/	11.40	/	/	<=34.77	Pass
		Inner_1RB_Left	16.97	/	/	11.32	/	/	<=34.77	Pass
		Inner_1RB_Right	17.02	/	/	11.37	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	16.94	/	/	11.29	/	/	<=34.77	Pass
		Edge_1RB_Right	16.99	/	/	11.34	/	/	<=34.77	Pass
		Outer_Full	16.97	/	/	11.32	/	/	<=34.77	Pass
Inner_Full		17.03	/	/	11.38	/	/	<=34.77	Pass	
Inner_1RB_Left		17.00	/	/	11.35	/	/	<=34.77	Pass	
Inner_1RB_Right	16.98	/	/	11.33	/	/	<=34.77	Pass		
Note1: Antenna Gain: Ant0: -3.50dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15k_SISO_10MHz_NTNV_ERP

5G NR n71 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	680.5	Edge_1RB_Left	22.84	/	/	17.19	/	/	<=34.77	Pass
		Edge_1RB_Right	22.84	/	/	17.19	/	/	<=34.77	Pass
		Outer_Full	22.87	/	/	17.22	/	/	<=34.77	Pass
		Inner_Full	23.43	/	/	17.78	/	/	<=34.77	Pass
		Inner_1RB_Left	23.35	/	/	17.70	/	/	<=34.77	Pass
		Inner_1RB_Right	23.37	/	/	17.72	/	/	<=34.77	Pass
	668	Edge_1RB_Left	22.89	/	/	17.24	/	/	<=34.77	Pass
		Edge_1RB_Right	22.92	/	/	17.27	/	/	<=34.77	Pass
		Outer_Full	22.96	/	/	17.31	/	/	<=34.77	Pass
		Inner_Full	23.54	/	/	17.89	/	/	<=34.77	Pass
		Inner_1RB_Left	23.37	/	/	17.72	/	/	<=34.77	Pass
		Inner_1RB_Right	23.41	/	/	17.76	/	/	<=34.77	Pass
	693	Edge_1RB_Left	22.73	/	/	17.08	/	/	<=34.77	Pass
		Edge_1RB_Right	22.90	/	/	17.25	/	/	<=34.77	Pass
		Outer_Full	22.86	/	/	17.21	/	/	<=34.77	Pass
		Inner_Full	23.46	/	/	17.81	/	/	<=34.77	Pass
		Inner_1RB_Left	23.28	/	/	17.63	/	/	<=34.77	Pass
		Inner_1RB_Right	23.40	/	/	17.75	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	680.5	Edge_1RB_Left	22.41	/	/	16.76	/	/	<=34.77	Pass
		Edge_1RB_Right	22.47	/	/	16.82	/	/	<=34.77	Pass
		Outer_Full	22.35	/	/	16.70	/	/	<=34.77	Pass
		Inner_Full	23.40	/	/	17.75	/	/	<=34.77	Pass
		Inner_1RB_Left	23.47	/	/	17.82	/	/	<=34.77	Pass
		Inner_1RB_Right	23.48	/	/	17.83	/	/	<=34.77	Pass
	668	Edge_1RB_Left	22.57	/	/	16.92	/	/	<=34.77	Pass
		Edge_1RB_Right	22.52	/	/	16.87	/	/	<=34.77	Pass
		Outer_Full	22.50	/	/	16.85	/	/	<=34.77	Pass
		Inner_Full	23.55	/	/	17.90	/	/	<=34.77	Pass
		Inner_1RB_Left	23.64	/	/	17.99	/	/	<=34.77	Pass
		Inner_1RB_Right	23.61	/	/	17.96	/	/	<=34.77	Pass
	693	Edge_1RB_Left	22.34	/	/	16.69	/	/	<=34.77	Pass
		Edge_1RB_Right	22.55	/	/	16.90	/	/	<=34.77	Pass
		Outer_Full	22.33	/	/	16.68	/	/	<=34.77	Pass
		Inner_Full	23.42	/	/	17.77	/	/	<=34.77	Pass
		Inner_1RB_Left	23.47	/	/	17.82	/	/	<=34.77	Pass
		Inner_1RB_Right	23.48	/	/	17.83	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	680.5	Edge_1RB_Left	21.61	/	/	15.96	/	/	<=34.77	Pass
		Edge_1RB_Right	21.59	/	/	15.94	/	/	<=34.77	Pass
		Outer_Full	21.43	/	/	15.78	/	/	<=34.77	Pass
		Inner_Full	22.44	/	/	16.79	/	/	<=34.77	Pass
		Inner_1RB_Left	22.63	/	/	16.98	/	/	<=34.77	Pass
		Inner_1RB_Right	22.59	/	/	16.94	/	/	<=34.77	Pass
	668	Edge_1RB_Left	21.67	/	/	16.02	/	/	<=34.77	Pass
		Edge_1RB_Right	21.69	/	/	16.04	/	/	<=34.77	Pass
		Outer_Full	21.53	/	/	15.88	/	/	<=34.77	Pass
		Inner_Full	22.57	/	/	16.92	/	/	<=34.77	Pass
		Inner_1RB_Left	22.61	/	/	16.96	/	/	<=34.77	Pass
		Inner_1RB_Right	22.67	/	/	17.02	/	/	<=34.77	Pass
	693	Edge_1RB_Left	21.52	/	/	15.87	/	/	<=34.77	Pass
		Edge_1RB_Right	21.60	/	/	15.95	/	/	<=34.77	Pass
		Outer_Full	21.44	/	/	15.79	/	/	<=34.77	Pass
		Inner_Full	22.46	/	/	16.81	/	/	<=34.77	Pass
		Inner_1RB_Left	22.53	/	/	16.88	/	/	<=34.77	Pass
		Inner_1RB_Right	22.63	/	/	16.98	/	/	<=34.77	Pass

DFT-s-OFDM 64 QAM	680.5	Edge_1RB_Left	20.71	/	/	15.06	/	/	<=34.77	Pass
		Edge_1RB_Right	20.66	/	/	15.01	/	/	<=34.77	Pass
		Outer_Full	20.93	/	/	15.28	/	/	<=34.77	Pass
		Inner_Full	20.91	/	/	15.26	/	/	<=34.77	Pass
		Inner_1RB_Left	20.68	/	/	15.03	/	/	<=34.77	Pass
		Inner_1RB_Right	20.67	/	/	15.02	/	/	<=34.77	Pass
	668	Edge_1RB_Left	20.73	/	/	15.08	/	/	<=34.77	Pass
		Edge_1RB_Right	20.77	/	/	15.12	/	/	<=34.77	Pass
		Outer_Full	21.01	/	/	15.36	/	/	<=34.77	Pass
		Inner_Full	21.05	/	/	15.40	/	/	<=34.77	Pass
		Inner_1RB_Left	20.72	/	/	15.07	/	/	<=34.77	Pass
		Inner_1RB_Right	20.74	/	/	15.09	/	/	<=34.77	Pass
	693	Edge_1RB_Left	20.57	/	/	14.92	/	/	<=34.77	Pass
		Edge_1RB_Right	20.69	/	/	15.04	/	/	<=34.77	Pass
		Outer_Full	20.98	/	/	15.33	/	/	<=34.77	Pass
		Inner_Full	21.03	/	/	15.38	/	/	<=34.77	Pass
		Inner_1RB_Left	20.62	/	/	14.97	/	/	<=34.77	Pass
		Inner_1RB_Right	20.69	/	/	15.04	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	680.5	Edge_1RB_Left	18.73	/	/	13.08	/	/	<=34.77	Pass
		Edge_1RB_Right	18.77	/	/	13.12	/	/	<=34.77	Pass
		Outer_Full	18.80	/	/	13.15	/	/	<=34.77	Pass
		Inner_Full	18.79	/	/	13.14	/	/	<=34.77	Pass
		Inner_1RB_Left	18.76	/	/	13.11	/	/	<=34.77	Pass
		Inner_1RB_Right	18.74	/	/	13.09	/	/	<=34.77	Pass
	668	Edge_1RB_Left	18.78	/	/	13.13	/	/	<=34.77	Pass
		Edge_1RB_Right	18.82	/	/	13.17	/	/	<=34.77	Pass
		Outer_Full	18.94	/	/	13.29	/	/	<=34.77	Pass
		Inner_Full	18.91	/	/	13.26	/	/	<=34.77	Pass
		Inner_1RB_Left	18.83	/	/	13.18	/	/	<=34.77	Pass
		Inner_1RB_Right	18.83	/	/	13.18	/	/	<=34.77	Pass
	693	Edge_1RB_Left	18.66	/	/	13.01	/	/	<=34.77	Pass
		Edge_1RB_Right	18.81	/	/	13.16	/	/	<=34.77	Pass
		Outer_Full	18.76	/	/	13.11	/	/	<=34.77	Pass
		Inner_Full	18.84	/	/	13.19	/	/	<=34.77	Pass
		Inner_1RB_Left	18.69	/	/	13.04	/	/	<=34.77	Pass
		Inner_1RB_Right	18.78	/	/	13.13	/	/	<=34.77	Pass
CP-OFDM QPSK	680.5	Edge_1RB_Left	20.25	/	/	14.60	/	/	<=34.77	Pass
		Edge_1RB_Right	20.29	/	/	14.64	/	/	<=34.77	Pass
		Outer_Full	20.32	/	/	14.67	/	/	<=34.77	Pass
		Inner_Full	21.88	/	/	16.23	/	/	<=34.77	Pass
		Inner_1RB_Left	21.87	/	/	16.22	/	/	<=34.77	Pass
		Inner_1RB_Right	21.85	/	/	16.20	/	/	<=34.77	Pass
	668	Edge_1RB_Left	20.46	/	/	14.81	/	/	<=34.77	Pass
		Edge_1RB_Right	20.34	/	/	14.69	/	/	<=34.77	Pass
		Outer_Full	20.45	/	/	14.80	/	/	<=34.77	Pass
		Inner_Full	22.12	/	/	16.47	/	/	<=34.77	Pass
		Inner_1RB_Left	22.15	/	/	16.50	/	/	<=34.77	Pass
		Inner_1RB_Right	21.98	/	/	16.33	/	/	<=34.77	Pass
	693	Edge_1RB_Left	20.17	/	/	14.52	/	/	<=34.77	Pass
		Edge_1RB_Right	20.32	/	/	14.67	/	/	<=34.77	Pass
		Outer_Full	20.29	/	/	14.64	/	/	<=34.77	Pass
		Inner_Full	21.92	/	/	16.27	/	/	<=34.77	Pass
		Inner_1RB_Left	21.78	/	/	16.13	/	/	<=34.77	Pass
		Inner_1RB_Right	21.89	/	/	16.24	/	/	<=34.77	Pass
CP-OFDM 16 QAM	680.5	Edge_1RB_Left	20.64	/	/	14.99	/	/	<=34.77	Pass
		Edge_1RB_Right	20.66	/	/	15.01	/	/	<=34.77	Pass
		Outer_Full	20.42	/	/	14.77	/	/	<=34.77	Pass
		Inner_Full	21.40	/	/	15.75	/	/	<=34.77	Pass
		Inner_1RB_Left	21.72	/	/	16.07	/	/	<=34.77	Pass

		668	Inner 1RB Right	21.67	/	/	16.02	/	/	<=34.77	Pass
			Edge_1RB_Left	20.72	/	/	15.07	/	/	<=34.77	Pass
			Edge_1RB_Right	20.74	/	/	15.09	/	/	<=34.77	Pass
			Outer_Full	20.51	/	/	14.86	/	/	<=34.77	Pass
			Inner_Full	21.52	/	/	15.87	/	/	<=34.77	Pass
			Inner_1RB_Left	21.80	/	/	16.15	/	/	<=34.77	Pass
			Inner_1RB_Right	21.73	/	/	16.08	/	/	<=34.77	Pass
		693	Edge_1RB_Left	20.58	/	/	14.93	/	/	<=34.77	Pass
			Edge_1RB_Right	20.69	/	/	15.04	/	/	<=34.77	Pass
			Outer_Full	20.42	/	/	14.77	/	/	<=34.77	Pass
			Inner_Full	21.39	/	/	15.74	/	/	<=34.77	Pass
			Inner_1RB_Left	21.61	/	/	15.96	/	/	<=34.77	Pass
			Inner_1RB_Right	21.64	/	/	15.99	/	/	<=34.77	Pass
CP-OFDM 64 QAM	680.5	Edge_1RB_Left	19.83	/	/	14.18	/	/	<=34.77	Pass	
		Edge_1RB_Right	19.82	/	/	14.17	/	/	<=34.77	Pass	
		Outer_Full	19.92	/	/	14.27	/	/	<=34.77	Pass	
		Inner_Full	19.89	/	/	14.24	/	/	<=34.77	Pass	
		Inner_1RB_Left	19.85	/	/	14.20	/	/	<=34.77	Pass	
		Inner_1RB_Right	19.78	/	/	14.13	/	/	<=34.77	Pass	
	668	Edge_1RB_Left	19.81	/	/	14.16	/	/	<=34.77	Pass	
		Edge_1RB_Right	19.87	/	/	14.22	/	/	<=34.77	Pass	
		Outer_Full	20.01	/	/	14.36	/	/	<=34.77	Pass	
		Inner_Full	20.06	/	/	14.41	/	/	<=34.77	Pass	
		Inner_1RB_Left	19.88	/	/	14.23	/	/	<=34.77	Pass	
		Inner_1RB_Right	19.91	/	/	14.26	/	/	<=34.77	Pass	
	693	Edge_1RB_Left	19.72	/	/	14.07	/	/	<=34.77	Pass	
		Edge_1RB_Right	19.79	/	/	14.14	/	/	<=34.77	Pass	
		Outer_Full	19.92	/	/	14.27	/	/	<=34.77	Pass	
		Inner_Full	19.93	/	/	14.28	/	/	<=34.77	Pass	
Inner_1RB_Left		19.88	/	/	14.23	/	/	<=34.77	Pass		
Inner_1RB_Right		19.82	/	/	14.17	/	/	<=34.77	Pass		
CP-OFDM 256 QAM	680.5	Edge_1RB_Left	16.91	/	/	11.26	/	/	<=34.77	Pass	
		Edge_1RB_Right	16.90	/	/	11.25	/	/	<=34.77	Pass	
		Outer_Full	16.79	/	/	11.14	/	/	<=34.77	Pass	
		Inner_Full	16.84	/	/	11.19	/	/	<=34.77	Pass	
		Inner_1RB_Left	16.93	/	/	11.28	/	/	<=34.77	Pass	
		Inner_1RB_Right	16.92	/	/	11.27	/	/	<=34.77	Pass	
	668	Edge_1RB_Left	16.97	/	/	11.32	/	/	<=34.77	Pass	
		Edge_1RB_Right	16.98	/	/	11.33	/	/	<=34.77	Pass	
		Outer_Full	16.90	/	/	11.25	/	/	<=34.77	Pass	
		Inner_Full	17.00	/	/	11.35	/	/	<=34.77	Pass	
		Inner_1RB_Left	16.94	/	/	11.29	/	/	<=34.77	Pass	
		Inner_1RB_Right	17.00	/	/	11.35	/	/	<=34.77	Pass	
	693	Edge_1RB_Left	16.81	/	/	11.16	/	/	<=34.77	Pass	
		Edge_1RB_Right	16.86	/	/	11.21	/	/	<=34.77	Pass	
		Outer_Full	16.76	/	/	11.11	/	/	<=34.77	Pass	
		Inner_Full	16.86	/	/	11.21	/	/	<=34.77	Pass	
Inner_1RB_Left		16.87	/	/	11.22	/	/	<=34.77	Pass		
Inner_1RB_Right		16.89	/	/	11.24	/	/	<=34.77	Pass		
Note1: Antenna Gain: Ant0: -3.50dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15											

1.1.3 15k_SISO_15MHz_NTNV_ERP

5G NR n71 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	680.5	Edge_1RB_Left	22.79	/	/	17.14	/	/	<=34.77	Pass
		Edge_1RB_Right	22.74	/	/	17.09	/	/	<=34.77	Pass
		Outer_Full	22.89	/	/	17.24	/	/	<=34.77	Pass
		Inner_Full	23.41	/	/	17.76	/	/	<=34.77	Pass
		Inner_1RB_Left	23.30	/	/	17.65	/	/	<=34.77	Pass
		Inner_1RB_Right	23.26	/	/	17.61	/	/	<=34.77	Pass
	670.5	Edge_1RB_Left	22.79	/	/	17.14	/	/	<=34.77	Pass
		Edge_1RB_Right	22.76	/	/	17.11	/	/	<=34.77	Pass
		Outer_Full	22.89	/	/	17.24	/	/	<=34.77	Pass
		Inner_Full	23.49	/	/	17.84	/	/	<=34.77	Pass
		Inner_1RB_Left	23.30	/	/	17.65	/	/	<=34.77	Pass
		Inner_1RB_Right	23.30	/	/	17.65	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	22.73	/	/	17.08	/	/	<=34.77	Pass
		Edge_1RB_Right	22.92	/	/	17.27	/	/	<=34.77	Pass
		Outer_Full	22.84	/	/	17.19	/	/	<=34.77	Pass
		Inner_Full	23.44	/	/	17.79	/	/	<=34.77	Pass
		Inner_1RB_Left	23.25	/	/	17.60	/	/	<=34.77	Pass
		Inner_1RB_Right	23.42	/	/	17.77	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	680.5	Edge_1RB_Left	22.42	/	/	16.77	/	/	<=34.77	Pass
		Edge_1RB_Right	22.35	/	/	16.70	/	/	<=34.77	Pass
		Outer_Full	22.34	/	/	16.69	/	/	<=34.77	Pass
		Inner_Full	23.40	/	/	17.75	/	/	<=34.77	Pass
		Inner_1RB_Left	23.48	/	/	17.83	/	/	<=34.77	Pass
		Inner_1RB_Right	23.44	/	/	17.79	/	/	<=34.77	Pass
	670.5	Edge_1RB_Left	22.44	/	/	16.79	/	/	<=34.77	Pass
		Edge_1RB_Right	22.37	/	/	16.72	/	/	<=34.77	Pass
		Outer_Full	22.35	/	/	16.70	/	/	<=34.77	Pass
		Inner_Full	23.54	/	/	17.89	/	/	<=34.77	Pass
		Inner_1RB_Left	23.56	/	/	17.91	/	/	<=34.77	Pass
		Inner_1RB_Right	23.43	/	/	17.78	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	22.35	/	/	16.70	/	/	<=34.77	Pass
		Edge_1RB_Right	22.55	/	/	16.90	/	/	<=34.77	Pass
		Outer_Full	22.36	/	/	16.71	/	/	<=34.77	Pass
		Inner_Full	23.40	/	/	17.75	/	/	<=34.77	Pass
		Inner_1RB_Left	23.47	/	/	17.82	/	/	<=34.77	Pass
		Inner_1RB_Right	23.66	/	/	18.01	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	680.5	Edge_1RB_Left	21.62	/	/	15.97	/	/	<=34.77	Pass
		Edge_1RB_Right	21.52	/	/	15.87	/	/	<=34.77	Pass
		Outer_Full	21.41	/	/	15.76	/	/	<=34.77	Pass
		Inner_Full	22.39	/	/	16.74	/	/	<=34.77	Pass
		Inner_1RB_Left	22.59	/	/	16.94	/	/	<=34.77	Pass
		Inner_1RB_Right	22.52	/	/	16.87	/	/	<=34.77	Pass
	670.5	Edge_1RB_Left	21.58	/	/	15.93	/	/	<=34.77	Pass
		Edge_1RB_Right	21.55	/	/	15.90	/	/	<=34.77	Pass
		Outer_Full	21.44	/	/	15.79	/	/	<=34.77	Pass
		Inner_Full	22.48	/	/	16.83	/	/	<=34.77	Pass
		Inner_1RB_Left	22.55	/	/	16.90	/	/	<=34.77	Pass
		Inner_1RB_Right	22.54	/	/	16.89	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	21.54	/	/	15.89	/	/	<=34.77	Pass
		Edge_1RB_Right	21.66	/	/	16.01	/	/	<=34.77	Pass
		Outer_Full	21.42	/	/	15.77	/	/	<=34.77	Pass
		Inner_Full	22.43	/	/	16.78	/	/	<=34.77	Pass
		Inner_1RB_Left	22.51	/	/	16.86	/	/	<=34.77	Pass
		Inner_1RB_Right	22.67	/	/	17.02	/	/	<=34.77	Pass

DFT-s-OFDM 64 QAM	680.5	Edge_1RB_Left	20.70	/	/	15.05	/	/	<=34.77	Pass
		Edge_1RB_Right	20.62	/	/	14.97	/	/	<=34.77	Pass
		Outer_Full	20.96	/	/	15.31	/	/	<=34.77	Pass
		Inner_Full	20.88	/	/	15.23	/	/	<=34.77	Pass
		Inner_1RB_Left	20.65	/	/	15.00	/	/	<=34.77	Pass
		Inner_1RB_Right	20.61	/	/	14.96	/	/	<=34.77	Pass
	670.5	Edge_1RB_Left	20.67	/	/	15.02	/	/	<=34.77	Pass
		Edge_1RB_Right	20.62	/	/	14.97	/	/	<=34.77	Pass
		Outer_Full	20.94	/	/	15.29	/	/	<=34.77	Pass
		Inner_Full	21.02	/	/	15.37	/	/	<=34.77	Pass
		Inner_1RB_Left	20.68	/	/	15.03	/	/	<=34.77	Pass
		Inner_1RB_Right	20.63	/	/	14.98	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	20.59	/	/	14.94	/	/	<=34.77	Pass
		Edge_1RB_Right	20.73	/	/	15.08	/	/	<=34.77	Pass
		Outer_Full	20.94	/	/	15.29	/	/	<=34.77	Pass
		Inner_Full	20.96	/	/	15.31	/	/	<=34.77	Pass
		Inner_1RB_Left	20.59	/	/	14.94	/	/	<=34.77	Pass
		Inner_1RB_Right	20.74	/	/	15.09	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	680.5	Edge_1RB_Left	18.78	/	/	13.13	/	/	<=34.77	Pass
		Edge_1RB_Right	18.68	/	/	13.03	/	/	<=34.77	Pass
		Outer_Full	18.79	/	/	13.14	/	/	<=34.77	Pass
		Inner_Full	18.84	/	/	13.19	/	/	<=34.77	Pass
		Inner_1RB_Left	18.71	/	/	13.06	/	/	<=34.77	Pass
		Inner_1RB_Right	18.71	/	/	13.06	/	/	<=34.77	Pass
	670.5	Edge_1RB_Left	18.70	/	/	13.05	/	/	<=34.77	Pass
		Edge_1RB_Right	18.68	/	/	13.03	/	/	<=34.77	Pass
		Outer_Full	18.79	/	/	13.14	/	/	<=34.77	Pass
		Inner_Full	18.95	/	/	13.30	/	/	<=34.77	Pass
		Inner_1RB_Left	18.76	/	/	13.11	/	/	<=34.77	Pass
		Inner_1RB_Right	18.71	/	/	13.06	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	18.64	/	/	12.99	/	/	<=34.77	Pass
		Edge_1RB_Right	18.82	/	/	13.17	/	/	<=34.77	Pass
		Outer_Full	18.80	/	/	13.15	/	/	<=34.77	Pass
		Inner_Full	18.84	/	/	13.19	/	/	<=34.77	Pass
		Inner_1RB_Left	18.66	/	/	13.01	/	/	<=34.77	Pass
		Inner_1RB_Right	18.83	/	/	13.18	/	/	<=34.77	Pass
CP-OFDM QPSK	680.5	Edge_1RB_Left	20.26	/	/	14.61	/	/	<=34.77	Pass
		Edge_1RB_Right	20.23	/	/	14.58	/	/	<=34.77	Pass
		Outer_Full	20.38	/	/	14.73	/	/	<=34.77	Pass
		Inner_Full	21.86	/	/	16.21	/	/	<=34.77	Pass
		Inner_1RB_Left	21.81	/	/	16.16	/	/	<=34.77	Pass
		Inner_1RB_Right	21.69	/	/	16.04	/	/	<=34.77	Pass
	670.5	Edge_1RB_Left	20.28	/	/	14.63	/	/	<=34.77	Pass
		Edge_1RB_Right	20.24	/	/	14.59	/	/	<=34.77	Pass
		Outer_Full	20.37	/	/	14.72	/	/	<=34.77	Pass
		Inner_Full	21.99	/	/	16.34	/	/	<=34.77	Pass
		Inner_1RB_Left	21.90	/	/	16.25	/	/	<=34.77	Pass
		Inner_1RB_Right	21.70	/	/	16.05	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	20.16	/	/	14.51	/	/	<=34.77	Pass
		Edge_1RB_Right	20.37	/	/	14.72	/	/	<=34.77	Pass
		Outer_Full	20.36	/	/	14.71	/	/	<=34.77	Pass
		Inner_Full	21.92	/	/	16.27	/	/	<=34.77	Pass
		Inner_1RB_Left	21.78	/	/	16.13	/	/	<=34.77	Pass
		Inner_1RB_Right	21.84	/	/	16.19	/	/	<=34.77	Pass
CP-OFDM 16 QAM	680.5	Edge_1RB_Left	20.66	/	/	15.01	/	/	<=34.77	Pass
		Edge_1RB_Right	20.58	/	/	14.93	/	/	<=34.77	Pass
		Outer_Full	20.43	/	/	14.78	/	/	<=34.77	Pass
		Inner_Full	21.36	/	/	15.71	/	/	<=34.77	Pass
		Inner_1RB_Left	21.64	/	/	15.99	/	/	<=34.77	Pass

		670.5	Inner 1RB Right	21.53	/	/	15.88	/	/	<=34.77	Pass
			Edge_1RB_Left	20.66	/	/	15.01	/	/	<=34.77	Pass
			Edge_1RB_Right	20.64	/	/	14.99	/	/	<=34.77	Pass
			Outer_Full	20.41	/	/	14.76	/	/	<=34.77	Pass
			Inner_Full	21.51	/	/	15.86	/	/	<=34.77	Pass
			Inner_1RB_Left	21.64	/	/	15.99	/	/	<=34.77	Pass
			Inner_1RB_Right	21.56	/	/	15.91	/	/	<=34.77	Pass
		690.5	Edge_1RB_Left	20.56	/	/	14.91	/	/	<=34.77	Pass
			Edge_1RB_Right	20.74	/	/	15.09	/	/	<=34.77	Pass
			Outer_Full	20.43	/	/	14.78	/	/	<=34.77	Pass
			Inner_Full	21.46	/	/	15.81	/	/	<=34.77	Pass
			Inner_1RB_Left	21.60	/	/	15.95	/	/	<=34.77	Pass
			Inner_1RB_Right	21.63	/	/	15.98	/	/	<=34.77	Pass
CP-OFDM 64 QAM	680.5	Edge_1RB_Left	19.86	/	/	14.21	/	/	<=34.77	Pass	
		Edge_1RB_Right	19.79	/	/	14.14	/	/	<=34.77	Pass	
		Outer_Full	20.01	/	/	14.36	/	/	<=34.77	Pass	
		Inner_Full	19.92	/	/	14.27	/	/	<=34.77	Pass	
		Inner_1RB_Left	19.84	/	/	14.19	/	/	<=34.77	Pass	
		Inner_1RB_Right	19.72	/	/	14.07	/	/	<=34.77	Pass	
	670.5	Edge_1RB_Left	19.77	/	/	14.12	/	/	<=34.77	Pass	
		Edge_1RB_Right	19.82	/	/	14.17	/	/	<=34.77	Pass	
		Outer_Full	19.90	/	/	14.25	/	/	<=34.77	Pass	
		Inner_Full	20.02	/	/	14.37	/	/	<=34.77	Pass	
		Inner_1RB_Left	19.80	/	/	14.15	/	/	<=34.77	Pass	
		Inner_1RB_Right	19.78	/	/	14.13	/	/	<=34.77	Pass	
	690.5	Edge_1RB_Left	19.74	/	/	14.09	/	/	<=34.77	Pass	
		Edge_1RB_Right	19.87	/	/	14.22	/	/	<=34.77	Pass	
		Outer_Full	19.94	/	/	14.29	/	/	<=34.77	Pass	
		Inner_Full	19.99	/	/	14.34	/	/	<=34.77	Pass	
		Inner_1RB_Left	19.78	/	/	14.13	/	/	<=34.77	Pass	
		Inner_1RB_Right	19.78	/	/	14.13	/	/	<=34.77	Pass	
CP-OFDM 256 QAM	680.5	Edge_1RB_Left	16.90	/	/	11.25	/	/	<=34.77	Pass	
		Edge_1RB_Right	16.85	/	/	11.20	/	/	<=34.77	Pass	
		Outer_Full	16.83	/	/	11.18	/	/	<=34.77	Pass	
		Inner_Full	16.84	/	/	11.19	/	/	<=34.77	Pass	
		Inner_1RB_Left	16.92	/	/	11.27	/	/	<=34.77	Pass	
		Inner_1RB_Right	16.82	/	/	11.17	/	/	<=34.77	Pass	
	670.5	Edge_1RB_Left	16.90	/	/	11.25	/	/	<=34.77	Pass	
		Edge_1RB_Right	16.93	/	/	11.28	/	/	<=34.77	Pass	
		Outer_Full	16.83	/	/	11.18	/	/	<=34.77	Pass	
		Inner_Full	16.99	/	/	11.34	/	/	<=34.77	Pass	
		Inner_1RB_Left	16.89	/	/	11.24	/	/	<=34.77	Pass	
		Inner_1RB_Right	16.89	/	/	11.24	/	/	<=34.77	Pass	
	690.5	Edge_1RB_Left	16.79	/	/	11.14	/	/	<=34.77	Pass	
		Edge_1RB_Right	16.95	/	/	11.30	/	/	<=34.77	Pass	
		Outer_Full	16.80	/	/	11.15	/	/	<=34.77	Pass	
Inner_Full		16.90	/	/	11.25	/	/	<=34.77	Pass		
Inner_1RB_Left		16.83	/	/	11.18	/	/	<=34.77	Pass		
Inner_1RB_Right	16.94	/	/	11.29	/	/	<=34.77	Pass			
Note1: Antenna Gain: Ant0: -3.50dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15											

1.1.4 15k_SISO_20MHz_NTNV_ERP

5G NR n71 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	680.5	Edge_1RB_Left	22.85	/	/	17.20	/	/	<=34.77	Pass
		Edge_1RB_Right	22.78	/	/	17.13	/	/	<=34.77	Pass
		Outer_Full	22.98	/	/	17.33	/	/	<=34.77	Pass
		Inner_Full	23.45	/	/	17.80	/	/	<=34.77	Pass
		Inner_1RB_Left	23.35	/	/	17.70	/	/	<=34.77	Pass
		Inner_1RB_Right	23.30	/	/	17.65	/	/	<=34.77	Pass
	673	Edge_1RB_Left	22.75	/	/	17.10	/	/	<=34.77	Pass
		Edge_1RB_Right	22.74	/	/	17.09	/	/	<=34.77	Pass
		Outer_Full	22.74	/	/	17.09	/	/	<=34.77	Pass
		Inner_Full	23.47	/	/	17.82	/	/	<=34.77	Pass
		Inner_1RB_Left	23.26	/	/	17.61	/	/	<=34.77	Pass
		Inner_1RB_Right	23.27	/	/	17.62	/	/	<=34.77	Pass
	688	Edge_1RB_Left	22.73	/	/	17.08	/	/	<=34.77	Pass
		Edge_1RB_Right	22.87	/	/	17.22	/	/	<=34.77	Pass
		Outer_Full	22.76	/	/	17.11	/	/	<=34.77	Pass
		Inner_Full	23.43	/	/	17.78	/	/	<=34.77	Pass
		Inner_1RB_Left	23.29	/	/	17.64	/	/	<=34.77	Pass
		Inner_1RB_Right	23.42	/	/	17.77	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	680.5	Edge_1RB_Left	22.45	/	/	16.80	/	/	<=34.77	Pass
		Edge_1RB_Right	22.37	/	/	16.72	/	/	<=34.77	Pass
		Outer_Full	22.38	/	/	16.73	/	/	<=34.77	Pass
		Inner_Full	23.38	/	/	17.73	/	/	<=34.77	Pass
		Inner_1RB_Left	23.56	/	/	17.91	/	/	<=34.77	Pass
		Inner_1RB_Right	23.50	/	/	17.85	/	/	<=34.77	Pass
	673	Edge_1RB_Left	22.43	/	/	16.78	/	/	<=34.77	Pass
		Edge_1RB_Right	22.33	/	/	16.68	/	/	<=34.77	Pass
		Outer_Full	22.30	/	/	16.65	/	/	<=34.77	Pass
		Inner_Full	23.46	/	/	17.81	/	/	<=34.77	Pass
		Inner_1RB_Left	23.44	/	/	17.79	/	/	<=34.77	Pass
		Inner_1RB_Right	23.39	/	/	17.74	/	/	<=34.77	Pass
	688	Edge_1RB_Left	22.35	/	/	16.70	/	/	<=34.77	Pass
		Edge_1RB_Right	22.55	/	/	16.90	/	/	<=34.77	Pass
		Outer_Full	22.29	/	/	16.64	/	/	<=34.77	Pass
		Inner_Full	23.45	/	/	17.80	/	/	<=34.77	Pass
		Inner_1RB_Left	23.41	/	/	17.76	/	/	<=34.77	Pass
		Inner_1RB_Right	23.64	/	/	17.99	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	680.5	Edge_1RB_Left	21.61	/	/	15.96	/	/	<=34.77	Pass
		Edge_1RB_Right	21.51	/	/	15.86	/	/	<=34.77	Pass
		Outer_Full	21.45	/	/	15.80	/	/	<=34.77	Pass
		Inner_Full	22.42	/	/	16.77	/	/	<=34.77	Pass
		Inner_1RB_Left	22.59	/	/	16.94	/	/	<=34.77	Pass
		Inner_1RB_Right	22.56	/	/	16.91	/	/	<=34.77	Pass
	673	Edge_1RB_Left	21.54	/	/	15.89	/	/	<=34.77	Pass
		Edge_1RB_Right	21.52	/	/	15.87	/	/	<=34.77	Pass
		Outer_Full	21.33	/	/	15.68	/	/	<=34.77	Pass
		Inner_Full	22.50	/	/	16.85	/	/	<=34.77	Pass
		Inner_1RB_Left	22.53	/	/	16.88	/	/	<=34.77	Pass
		Inner_1RB_Right	22.50	/	/	16.85	/	/	<=34.77	Pass
	688	Edge_1RB_Left	21.58	/	/	15.93	/	/	<=34.77	Pass
		Edge_1RB_Right	21.65	/	/	16.00	/	/	<=34.77	Pass
		Outer_Full	21.32	/	/	15.67	/	/	<=34.77	Pass
		Inner_Full	22.43	/	/	16.78	/	/	<=34.77	Pass
		Inner_1RB_Left	22.50	/	/	16.85	/	/	<=34.77	Pass
		Inner_1RB_Right	22.63	/	/	16.98	/	/	<=34.77	Pass

DFT-s-OFDM 64 QAM	680.5	Edge_1RB_Left	20.70	/	/	15.05	/	/	<=34.77	Pass
		Edge_1RB_Right	20.61	/	/	14.96	/	/	<=34.77	Pass
		Outer_Full	21.02	/	/	15.37	/	/	<=34.77	Pass
		Inner_Full	20.90	/	/	15.25	/	/	<=34.77	Pass
		Inner_1RB_Left	20.67	/	/	15.02	/	/	<=34.77	Pass
		Inner_1RB_Right	20.64	/	/	14.99	/	/	<=34.77	Pass
	673	Edge_1RB_Left	20.64	/	/	14.99	/	/	<=34.77	Pass
		Edge_1RB_Right	20.62	/	/	14.97	/	/	<=34.77	Pass
		Outer_Full	20.84	/	/	15.19	/	/	<=34.77	Pass
		Inner_Full	20.97	/	/	15.32	/	/	<=34.77	Pass
		Inner_1RB_Left	20.61	/	/	14.96	/	/	<=34.77	Pass
		Inner_1RB_Right	20.58	/	/	14.93	/	/	<=34.77	Pass
	688	Edge_1RB_Left	20.65	/	/	15.00	/	/	<=34.77	Pass
		Edge_1RB_Right	20.69	/	/	15.04	/	/	<=34.77	Pass
		Outer_Full	20.83	/	/	15.18	/	/	<=34.77	Pass
		Inner_Full	20.93	/	/	15.28	/	/	<=34.77	Pass
		Inner_1RB_Left	20.63	/	/	14.98	/	/	<=34.77	Pass
		Inner_1RB_Right	20.72	/	/	15.07	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	680.5	Edge_1RB_Left	18.76	/	/	13.11	/	/	<=34.77	Pass
		Edge_1RB_Right	18.69	/	/	13.04	/	/	<=34.77	Pass
		Outer_Full	18.88	/	/	13.23	/	/	<=34.77	Pass
		Inner_Full	18.86	/	/	13.21	/	/	<=34.77	Pass
		Inner_1RB_Left	18.80	/	/	13.15	/	/	<=34.77	Pass
		Inner_1RB_Right	18.68	/	/	13.03	/	/	<=34.77	Pass
	673	Edge_1RB_Left	18.68	/	/	13.03	/	/	<=34.77	Pass
		Edge_1RB_Right	18.66	/	/	13.01	/	/	<=34.77	Pass
		Outer_Full	18.71	/	/	13.06	/	/	<=34.77	Pass
		Inner_Full	18.85	/	/	13.20	/	/	<=34.77	Pass
		Inner_1RB_Left	18.70	/	/	13.05	/	/	<=34.77	Pass
		Inner_1RB_Right	18.68	/	/	13.03	/	/	<=34.77	Pass
	688	Edge_1RB_Left	18.67	/	/	13.02	/	/	<=34.77	Pass
		Edge_1RB_Right	18.81	/	/	13.16	/	/	<=34.77	Pass
		Outer_Full	18.72	/	/	13.07	/	/	<=34.77	Pass
		Inner_Full	18.84	/	/	13.19	/	/	<=34.77	Pass
		Inner_1RB_Left	18.66	/	/	13.01	/	/	<=34.77	Pass
		Inner_1RB_Right	18.78	/	/	13.13	/	/	<=34.77	Pass
CP-OFDM QPSK	680.5	Edge_1RB_Left	20.27	/	/	14.62	/	/	<=34.77	Pass
		Edge_1RB_Right	20.22	/	/	14.57	/	/	<=34.77	Pass
		Outer_Full	20.41	/	/	14.76	/	/	<=34.77	Pass
		Inner_Full	21.87	/	/	16.22	/	/	<=34.77	Pass
		Inner_1RB_Left	21.93	/	/	16.28	/	/	<=34.77	Pass
		Inner_1RB_Right	21.74	/	/	16.09	/	/	<=34.77	Pass
	673	Edge_1RB_Left	20.27	/	/	14.62	/	/	<=34.77	Pass
		Edge_1RB_Right	20.21	/	/	14.56	/	/	<=34.77	Pass
		Outer_Full	20.25	/	/	14.60	/	/	<=34.77	Pass
		Inner_Full	21.92	/	/	16.27	/	/	<=34.77	Pass
		Inner_1RB_Left	21.88	/	/	16.23	/	/	<=34.77	Pass
		Inner_1RB_Right	21.71	/	/	16.06	/	/	<=34.77	Pass
	688	Edge_1RB_Left	20.20	/	/	14.55	/	/	<=34.77	Pass
		Edge_1RB_Right	20.36	/	/	14.71	/	/	<=34.77	Pass
		Outer_Full	20.28	/	/	14.63	/	/	<=34.77	Pass
		Inner_Full	21.92	/	/	16.27	/	/	<=34.77	Pass
		Inner_1RB_Left	21.79	/	/	16.14	/	/	<=34.77	Pass
		Inner_1RB_Right	21.91	/	/	16.26	/	/	<=34.77	Pass
CP-OFDM 16 QAM	680.5	Edge_1RB_Left	20.64	/	/	14.99	/	/	<=34.77	Pass
		Edge_1RB_Right	20.67	/	/	15.02	/	/	<=34.77	Pass
		Outer_Full	20.48	/	/	14.83	/	/	<=34.77	Pass
		Inner_Full	21.40	/	/	15.75	/	/	<=34.77	Pass
		Inner_1RB_Left	21.69	/	/	16.04	/	/	<=34.77	Pass

		673	Inner 1RB Right	21.60	/	/	15.95	/	/	<=34.77	Pass
			Edge_1RB_Left	20.63	/	/	14.98	/	/	<=34.77	Pass
			Edge_1RB_Right	20.62	/	/	14.97	/	/	<=34.77	Pass
			Outer_Full	20.31	/	/	14.66	/	/	<=34.77	Pass
			Inner_Full	21.42	/	/	15.77	/	/	<=34.77	Pass
			Inner_1RB_Left	21.62	/	/	15.97	/	/	<=34.77	Pass
			Inner_1RB_Right	21.59	/	/	15.94	/	/	<=34.77	Pass
		688	Edge_1RB_Left	20.63	/	/	14.98	/	/	<=34.77	Pass
			Edge_1RB_Right	20.73	/	/	15.08	/	/	<=34.77	Pass
			Outer_Full	20.37	/	/	14.72	/	/	<=34.77	Pass
			Inner_Full	21.41	/	/	15.76	/	/	<=34.77	Pass
			Inner_1RB_Left	21.66	/	/	16.01	/	/	<=34.77	Pass
			Inner_1RB_Right	21.70	/	/	16.05	/	/	<=34.77	Pass
CP-OFDM 64 QAM	680.5	Edge_1RB_Left	19.83	/	/	14.18	/	/	<=34.77	Pass	
		Edge_1RB_Right	19.81	/	/	14.16	/	/	<=34.77	Pass	
		Outer_Full	19.97	/	/	14.32	/	/	<=34.77	Pass	
		Inner_Full	19.91	/	/	14.26	/	/	<=34.77	Pass	
		Inner_1RB_Left	19.85	/	/	14.20	/	/	<=34.77	Pass	
		Inner_1RB_Right	19.77	/	/	14.12	/	/	<=34.77	Pass	
	673	Edge_1RB_Left	19.80	/	/	14.15	/	/	<=34.77	Pass	
		Edge_1RB_Right	19.79	/	/	14.14	/	/	<=34.77	Pass	
		Outer_Full	19.80	/	/	14.15	/	/	<=34.77	Pass	
		Inner_Full	19.95	/	/	14.30	/	/	<=34.77	Pass	
		Inner_1RB_Left	19.79	/	/	14.14	/	/	<=34.77	Pass	
		Inner_1RB_Right	19.74	/	/	14.09	/	/	<=34.77	Pass	
	688	Edge_1RB_Left	19.77	/	/	14.12	/	/	<=34.77	Pass	
		Edge_1RB_Right	19.83	/	/	14.18	/	/	<=34.77	Pass	
		Outer_Full	19.88	/	/	14.23	/	/	<=34.77	Pass	
		Inner_Full	19.92	/	/	14.27	/	/	<=34.77	Pass	
		Inner_1RB_Left	19.80	/	/	14.15	/	/	<=34.77	Pass	
		Inner_1RB_Right	19.78	/	/	14.13	/	/	<=34.77	Pass	
CP-OFDM 256 QAM	680.5	Edge_1RB_Left	16.92	/	/	11.27	/	/	<=34.77	Pass	
		Edge_1RB_Right	16.92	/	/	11.27	/	/	<=34.77	Pass	
		Outer_Full	16.92	/	/	11.27	/	/	<=34.77	Pass	
		Inner_Full	16.84	/	/	11.19	/	/	<=34.77	Pass	
		Inner_1RB_Left	16.98	/	/	11.33	/	/	<=34.77	Pass	
		Inner_1RB_Right	16.89	/	/	11.24	/	/	<=34.77	Pass	
	673	Edge_1RB_Left	16.84	/	/	11.19	/	/	<=34.77	Pass	
		Edge_1RB_Right	16.88	/	/	11.23	/	/	<=34.77	Pass	
		Outer_Full	16.73	/	/	11.08	/	/	<=34.77	Pass	
		Inner_Full	16.88	/	/	11.23	/	/	<=34.77	Pass	
		Inner_1RB_Left	16.84	/	/	11.19	/	/	<=34.77	Pass	
		Inner_1RB_Right	16.81	/	/	11.16	/	/	<=34.77	Pass	
	688	Edge_1RB_Left	16.85	/	/	11.20	/	/	<=34.77	Pass	
		Edge_1RB_Right	16.96	/	/	11.31	/	/	<=34.77	Pass	
		Outer_Full	16.78	/	/	11.13	/	/	<=34.77	Pass	
		Inner_Full	16.87	/	/	11.22	/	/	<=34.77	Pass	
		Inner_1RB_Left	16.92	/	/	11.27	/	/	<=34.77	Pass	
		Inner_1RB_Right	16.90	/	/	11.25	/	/	<=34.77	Pass	
Note1: Antenna Gain: Ant0: -3.50dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15											

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_20MHz

5G NR n71 SCS=15kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	680.5	Outer_Full	20	LV	-7.00	-0.0103	>=-2.5 & <=2.5	Pass
				HV	-3.30	-0.0048	>=-2.5 & <=2.5	Pass
			-30	NV	-4.90	-0.0072	>=-2.5 & <=2.5	Pass
			-20	NV	-2.80	-0.0041	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0065	>=-2.5 & <=2.5	Pass
			0	NV	-4.20	-0.0062	>=-2.5 & <=2.5	Pass
			10	NV	-5.40	-0.0079	>=-2.5 & <=2.5	Pass
			20	NV	-3.30	-0.0048	>=-2.5 & <=2.5	Pass
			30	NV	-6.10	-0.0090	>=-2.5 & <=2.5	Pass
			40	NV	-3.90	-0.0057	>=-2.5 & <=2.5	Pass
			50	NV	-9.10	-0.0134	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n71 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	680.5	Outer_Full	4.56	5.02	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	4.54	5.03	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	4.53	4.99	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	4.56	5.00	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	4.56	5.01	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	4.53	4.99	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	4.54	5.01	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	4.52	5.00	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	4.52	4.98	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n71 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	680.5	Outer_Full	9.08	9.74	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	9.09	9.74	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	9.09	9.78	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	9.11	9.78	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	9.03	9.69	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	9.42	10.09	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	9.39	10.07	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	9.41	11.80	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	9.40	10.10	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

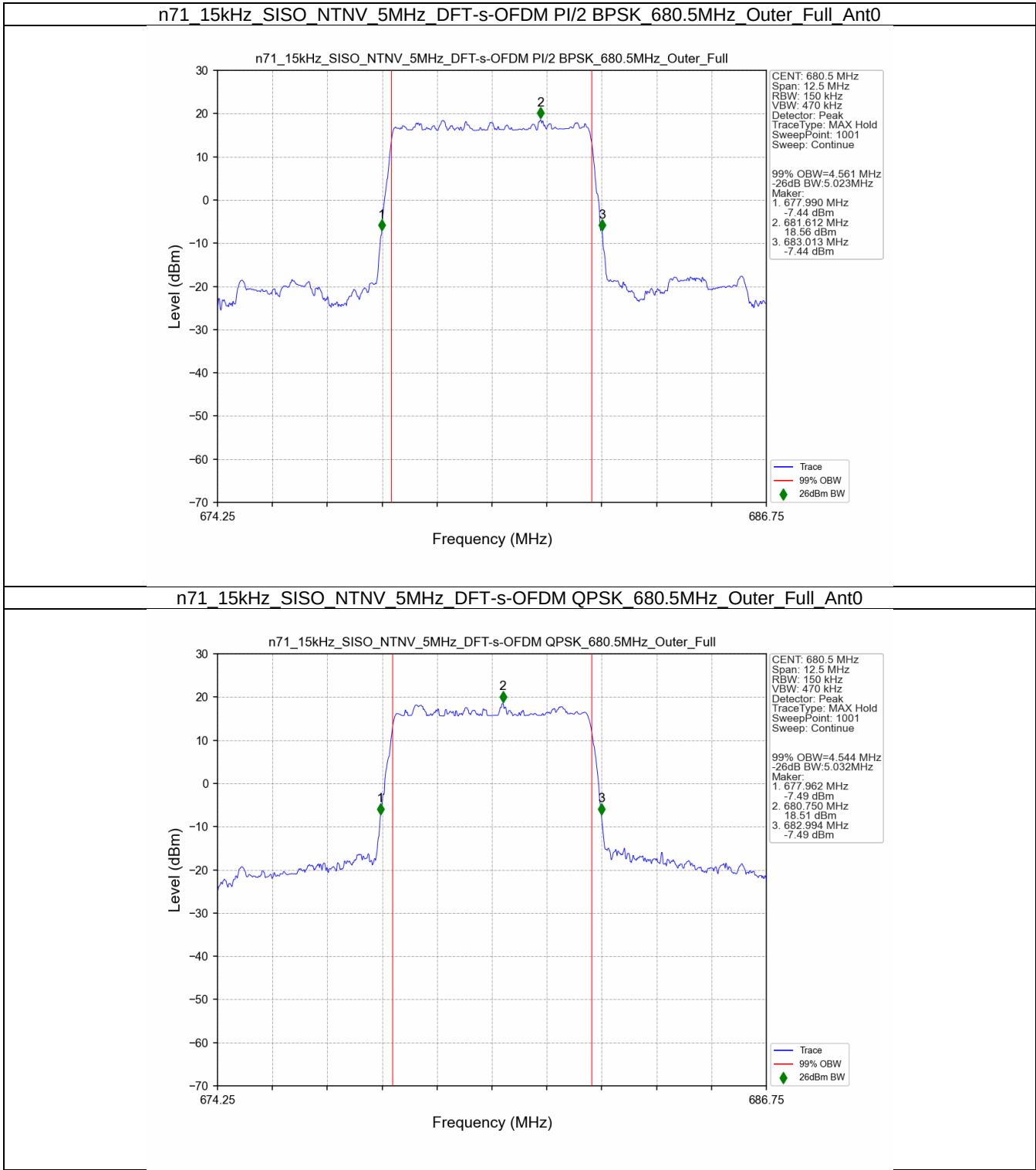
5G NR n71 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	680.5	Outer_Full	13.69	14.61	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	13.65	14.61	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	13.66	14.59	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	13.65	14.62	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	13.63	14.62	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	14.32	15.82	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	14.35	15.29	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	14.36	15.39	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	14.36	15.33	/	Pass

3.1.4 15k_SISO_20MHz_NTNV

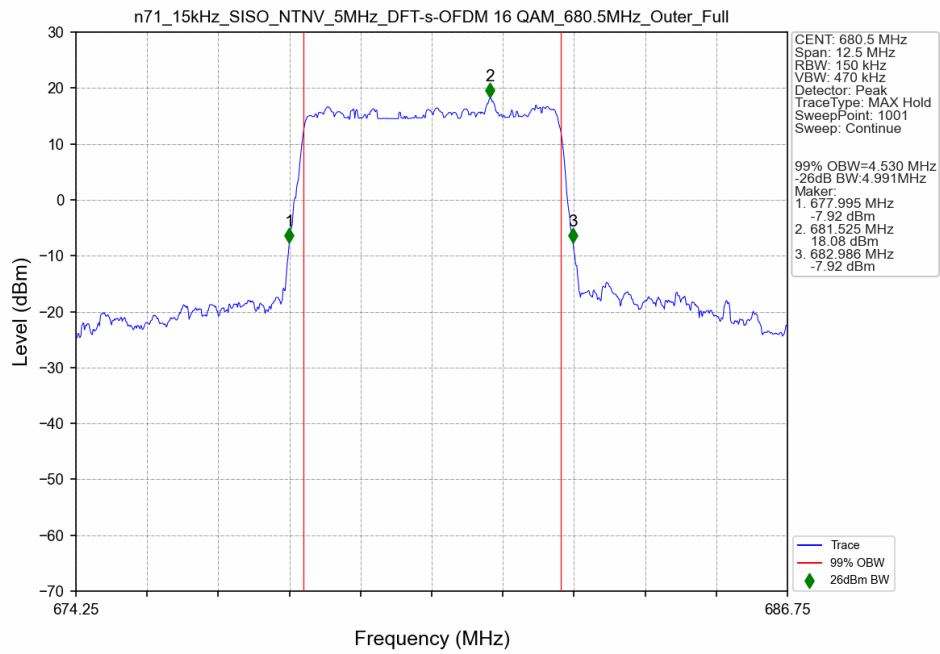
5G NR n71 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	680.5	Outer_Full	18.19	19.40	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	18.17	19.46	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	18.13	19.41	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	18.17	19.45	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	18.10	19.39	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	19.16	20.48	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	19.13	20.45	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	19.17	20.50	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	19.11	20.47	/	Pass

3.2 Test Graph

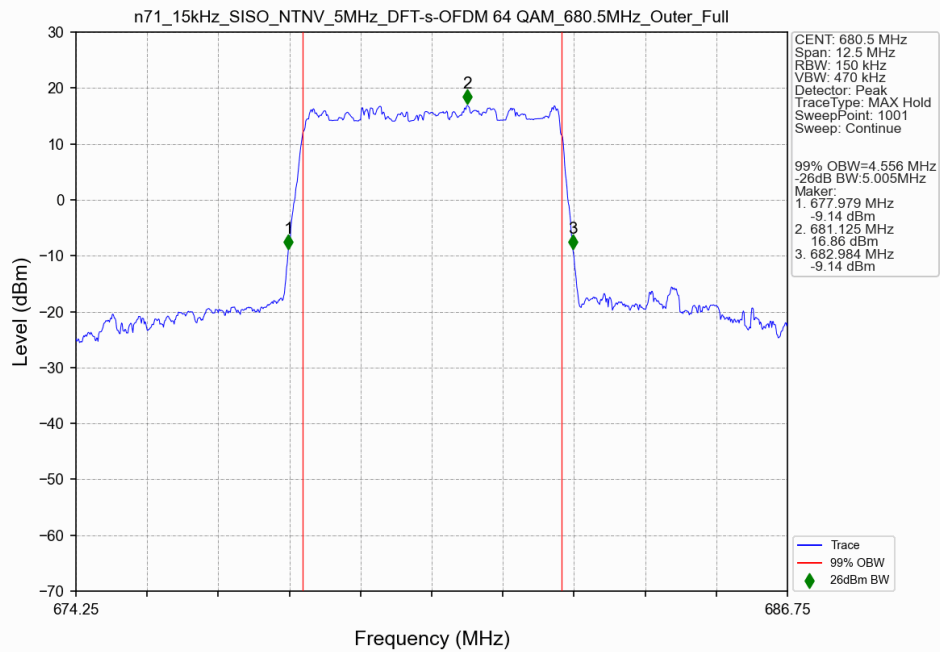
3.2.1 15k_SISO_5MHz_NTNV



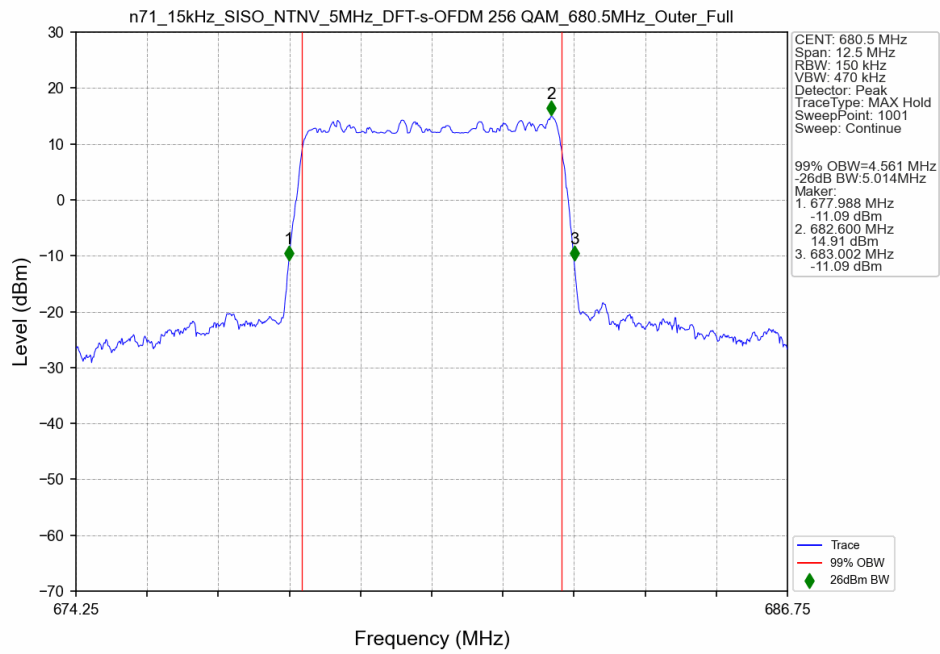
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_680.5MHz_Outer_Full_Ant0



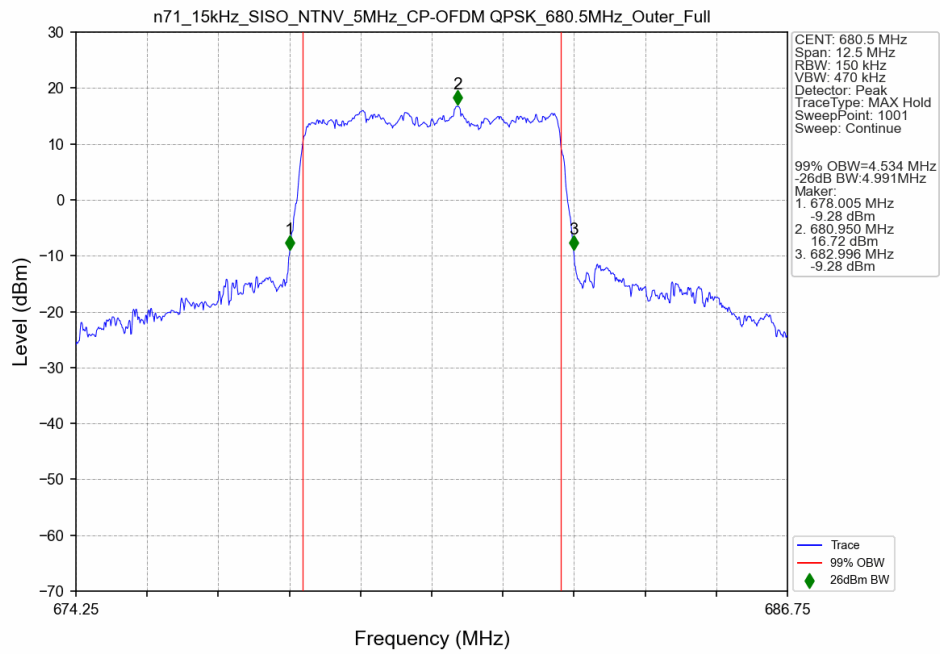
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_680.5MHz_Outer_Full_Ant0



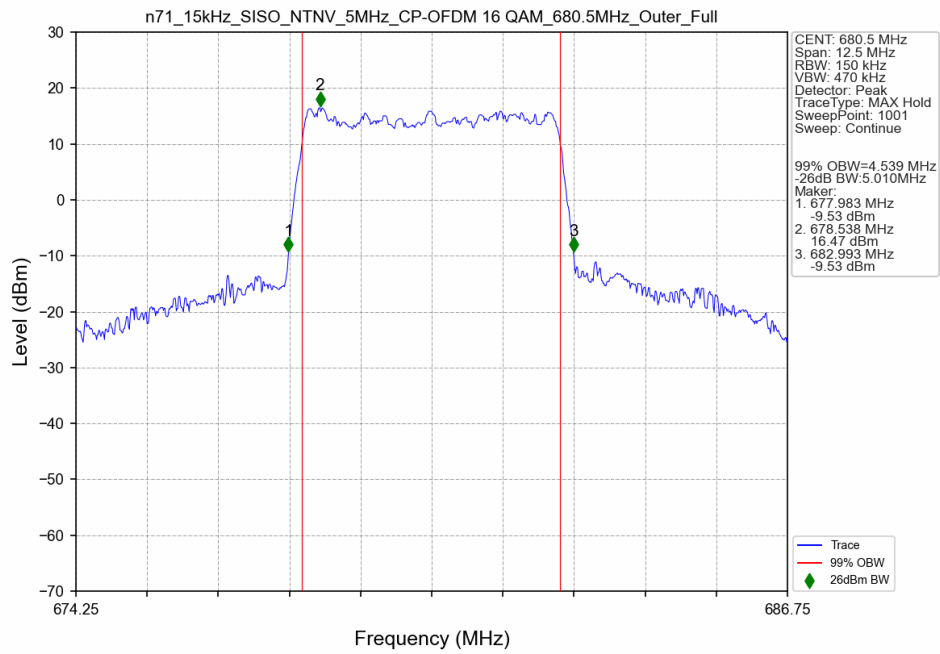
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_680.5MHz_Outer_Full_Ant0



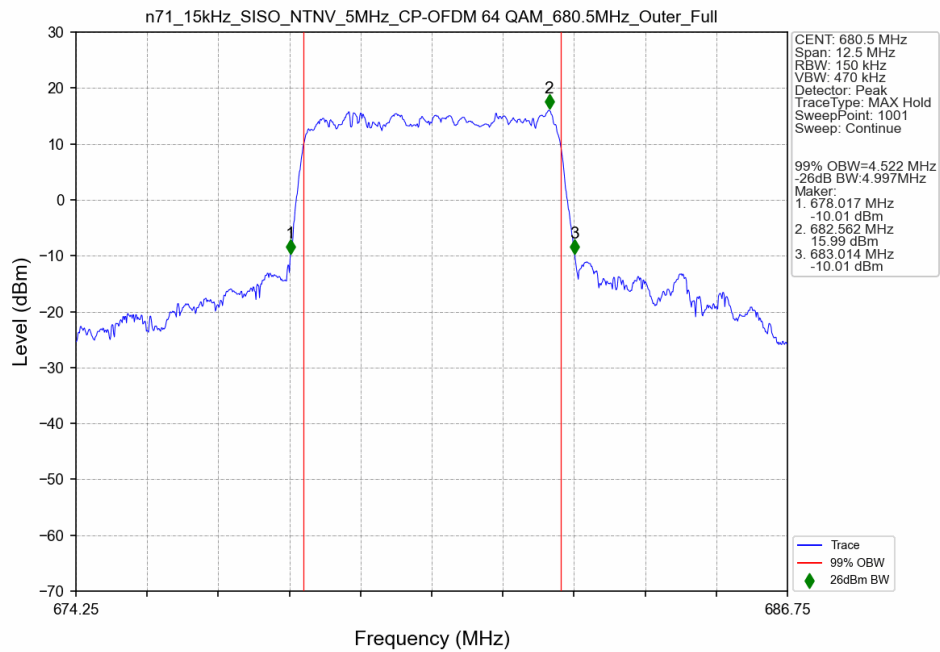
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_680.5MHz_Outer_Full_Ant0



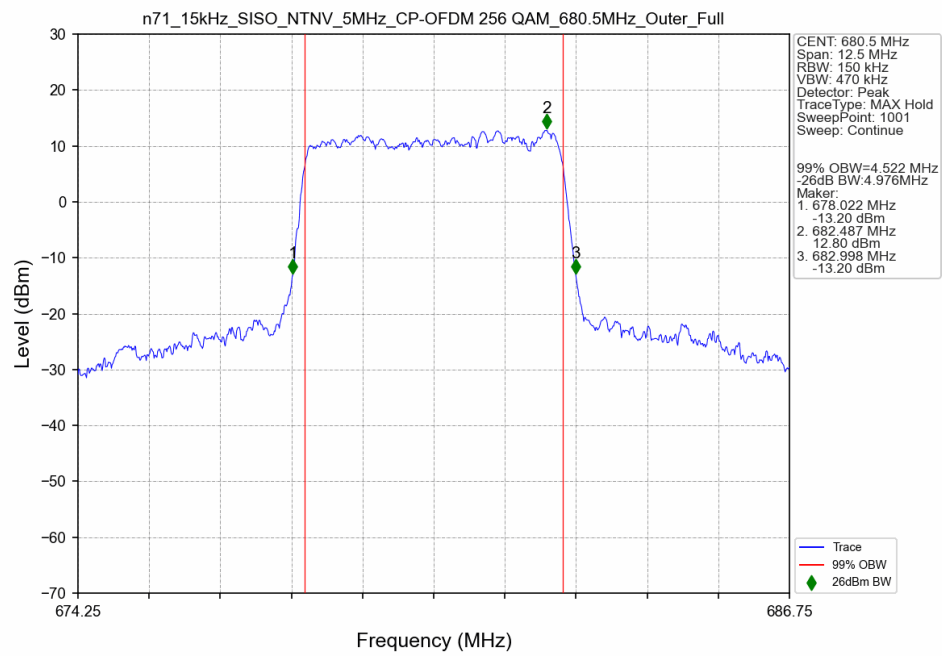
n71 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 680.5MHz Outer Full Ant0



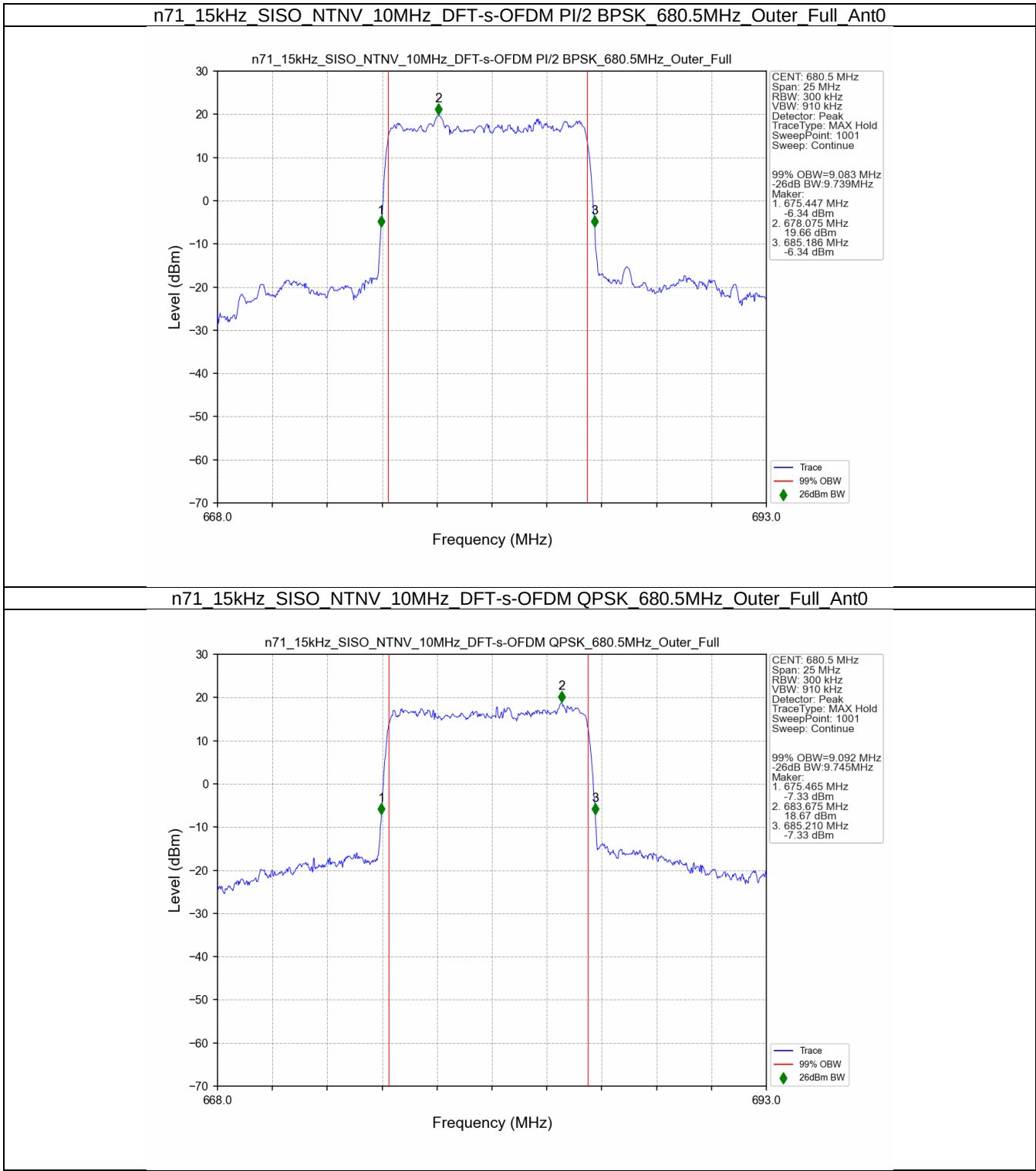
n71 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 680.5MHz Outer Full Ant0



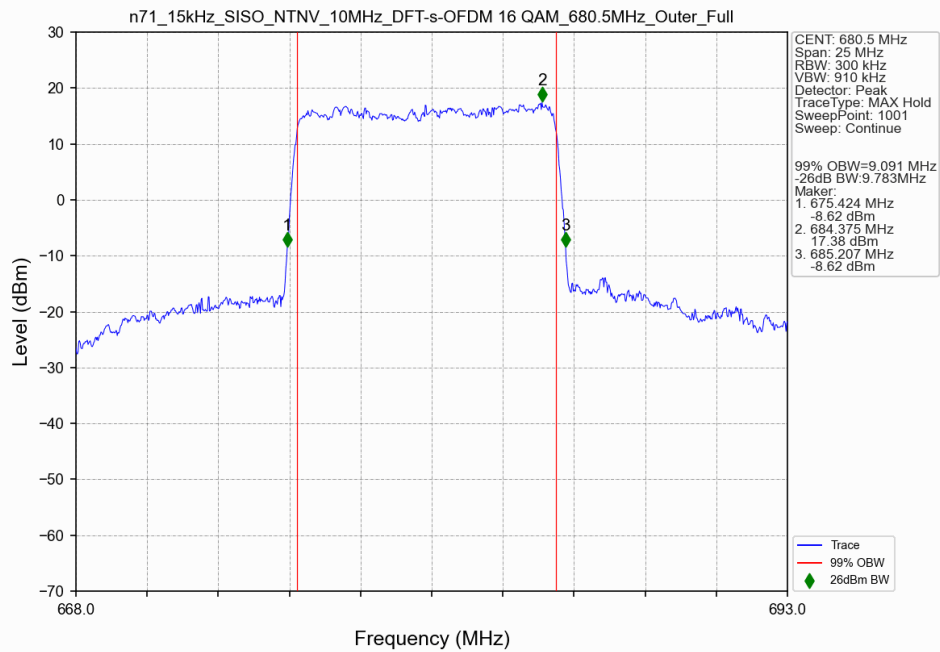
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_680.5MHz_Outer_Full_Ant0



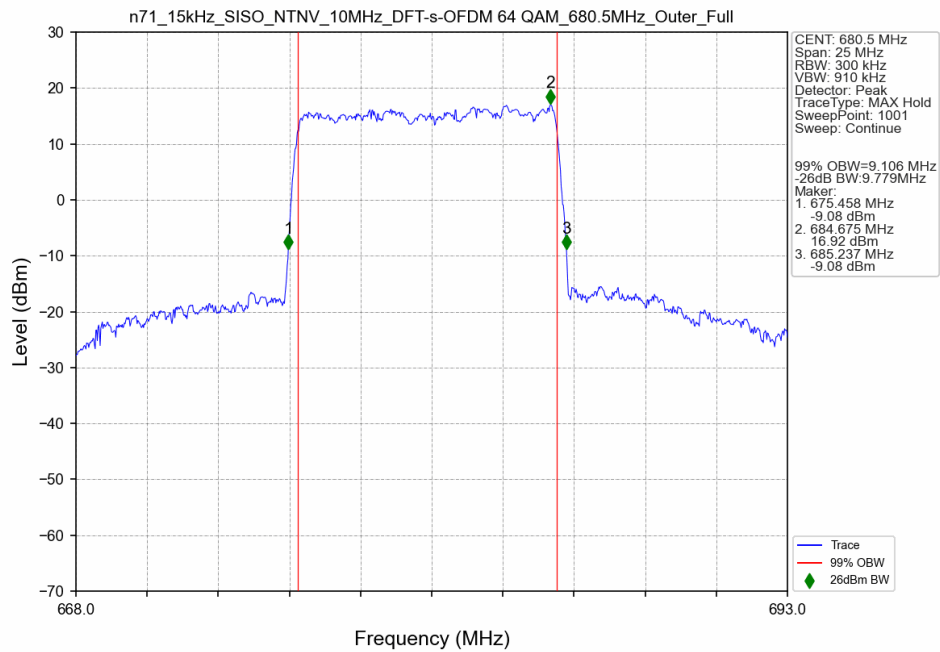
3.2.2 15k_SISO_10MHz_NTNV



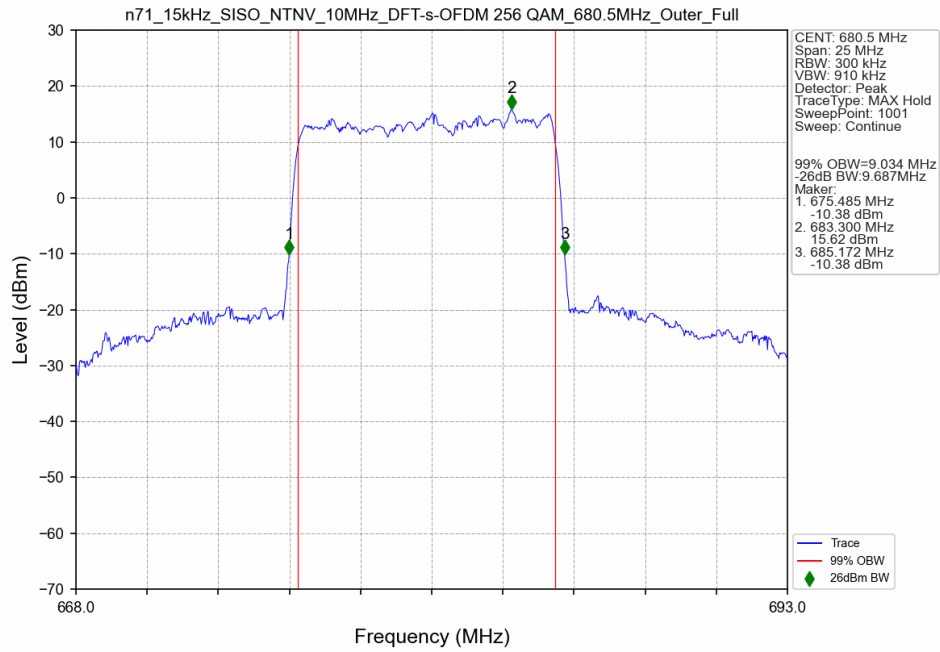
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_680.5MHz_Outer_Full_Ant0



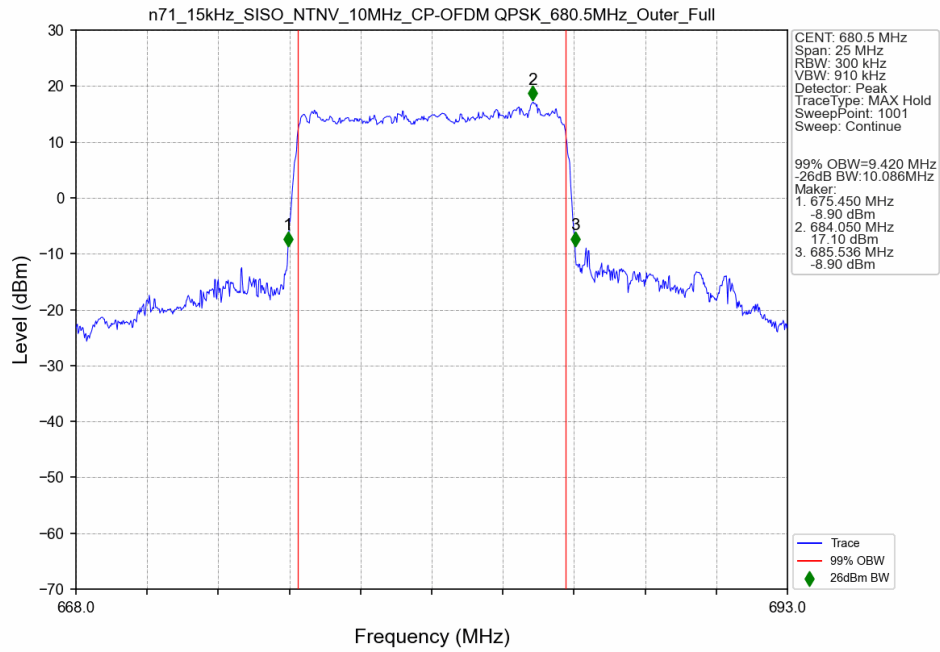
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_680.5MHz_Outer_Full_Ant0



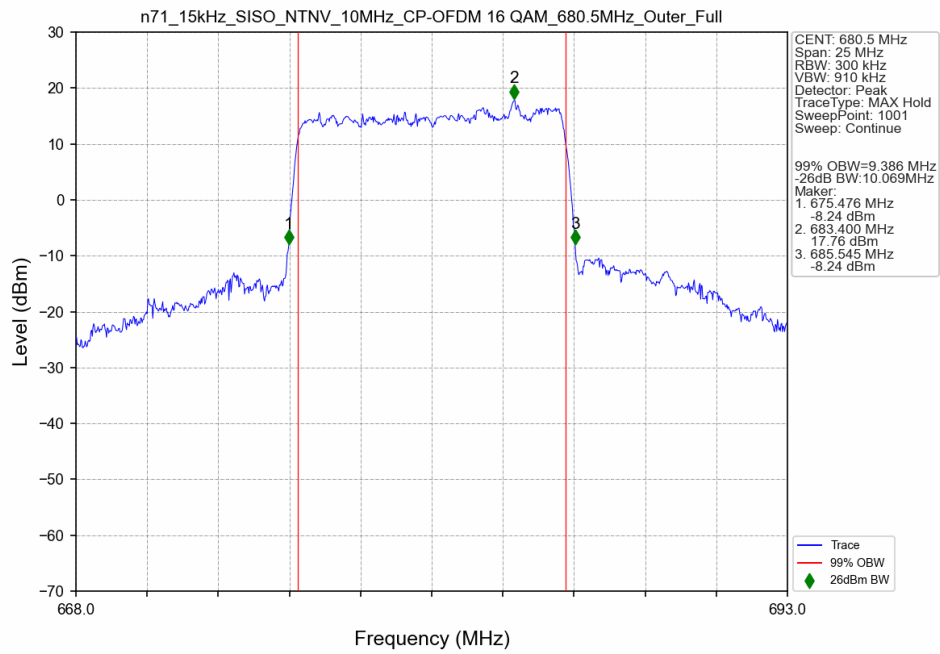
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant0



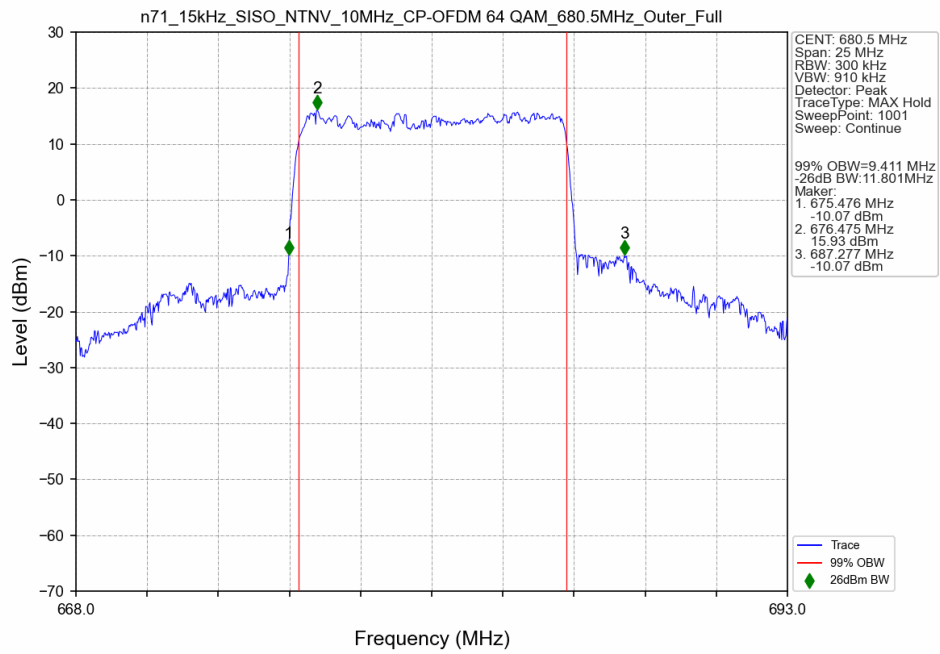
n71 15kHz SISO NTN 10MHz CP-OFDM QPSK 680.5MHz Outer Full Ant0



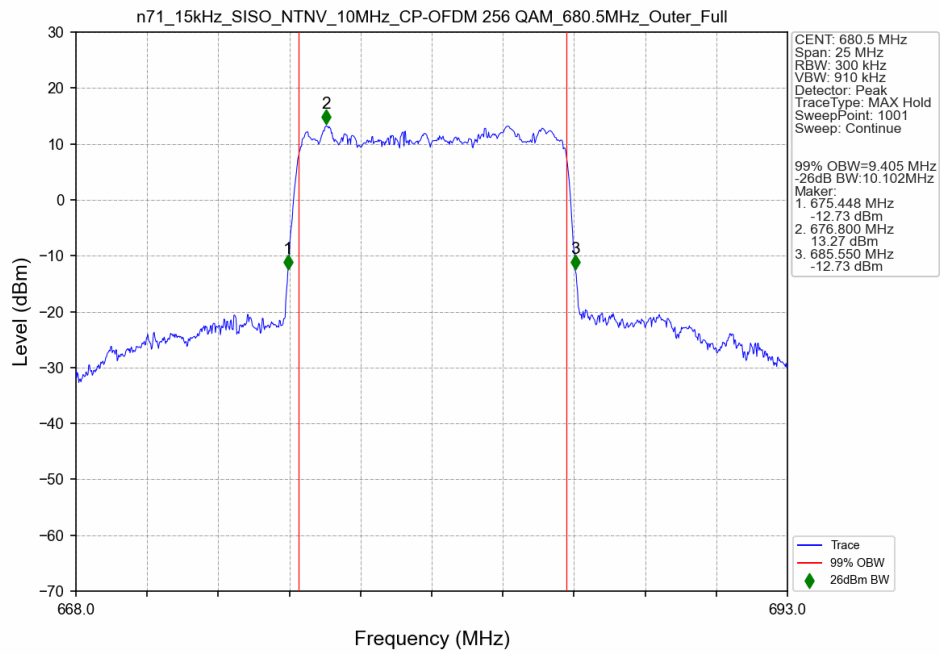
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_680.5MHz_Outer_Full_Ant0



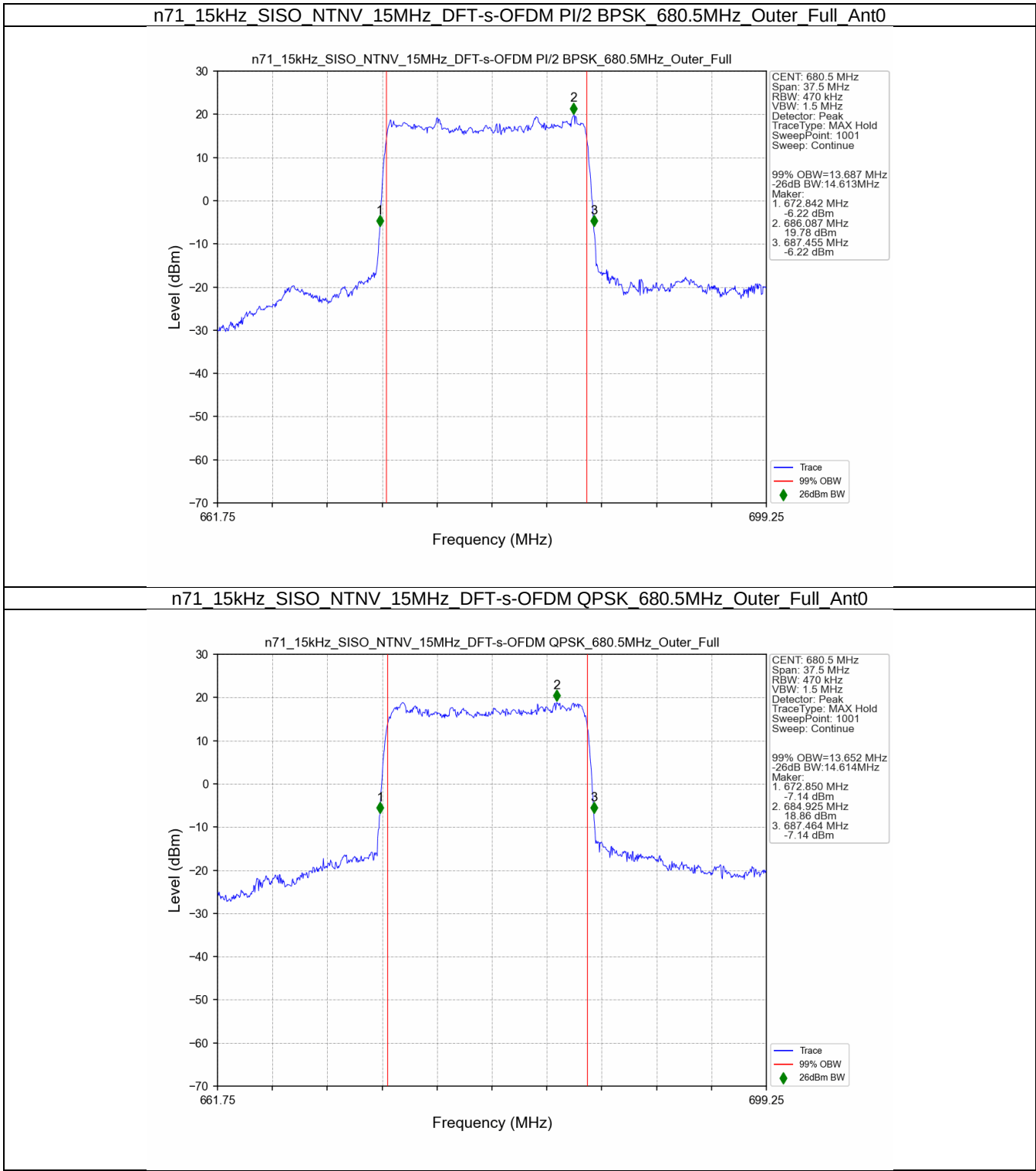
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_680.5MHz_Outer_Full_Ant0



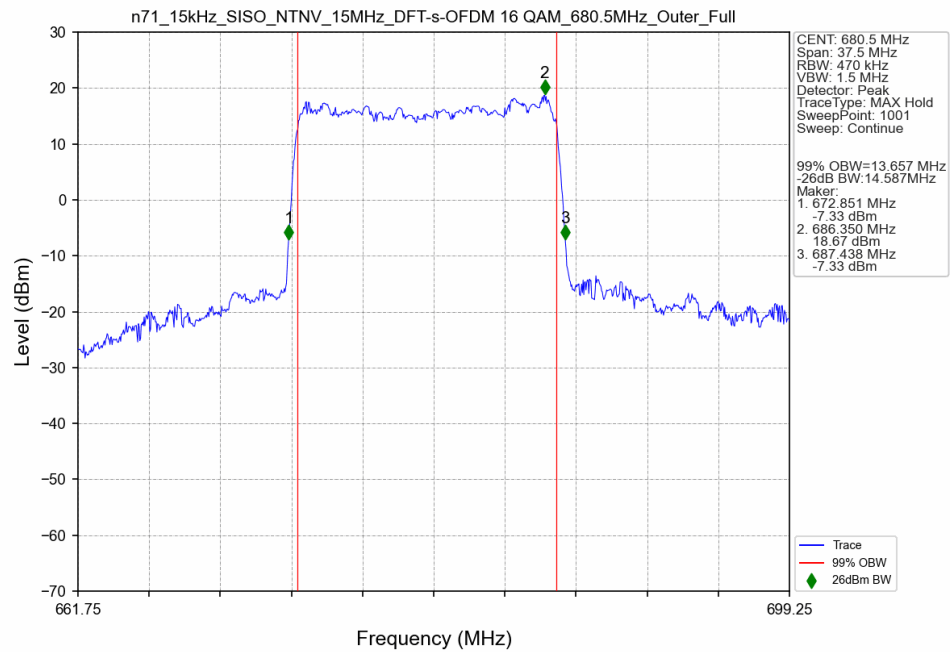
n71 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 680.5MHz Outer Full Ant0



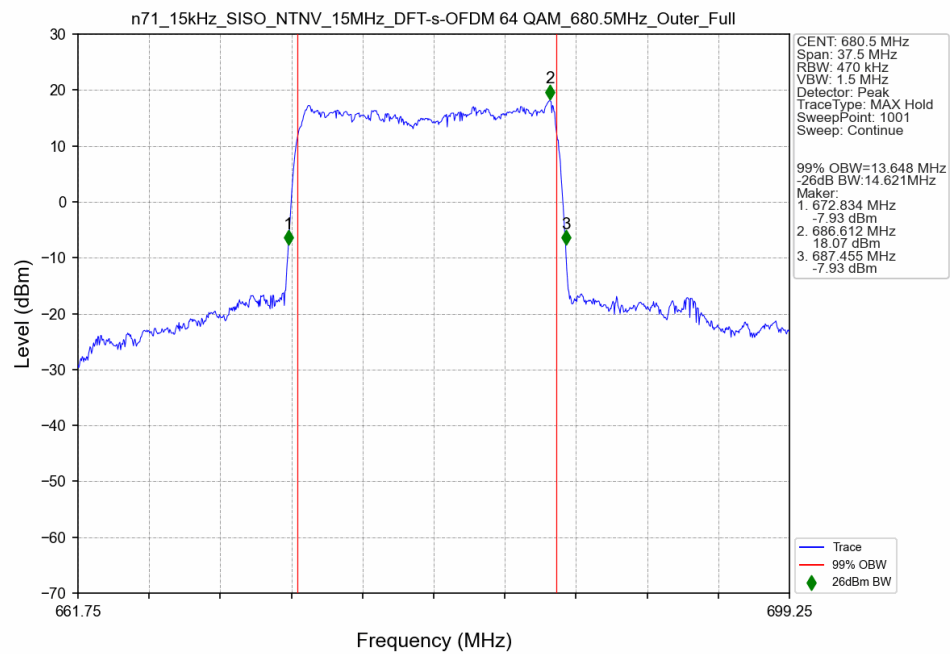
3.2.3 15k_SISO_15MHz_NTNV



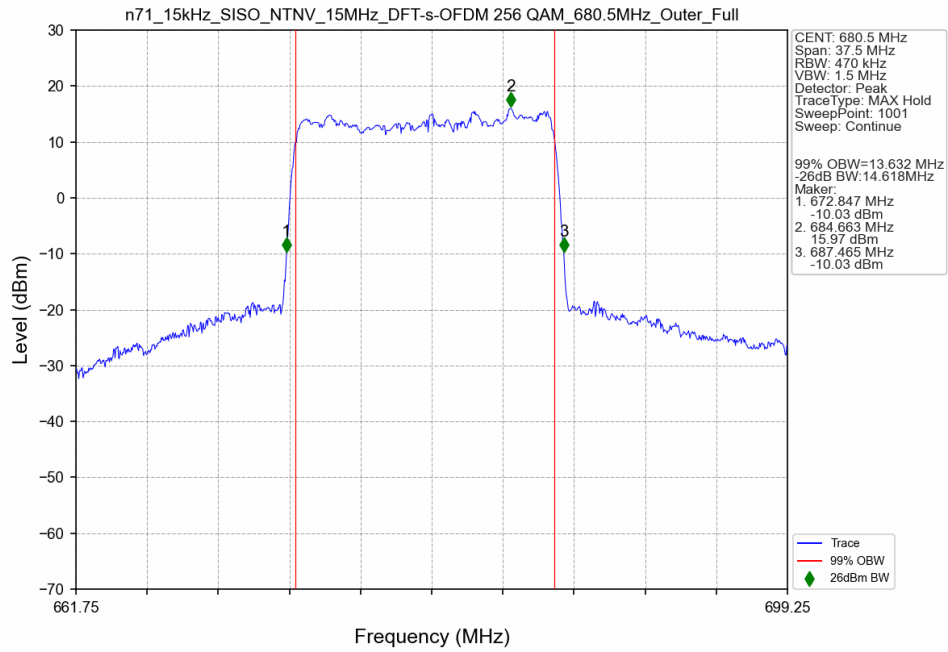
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_680.5MHz_Outer_Full_Ant0



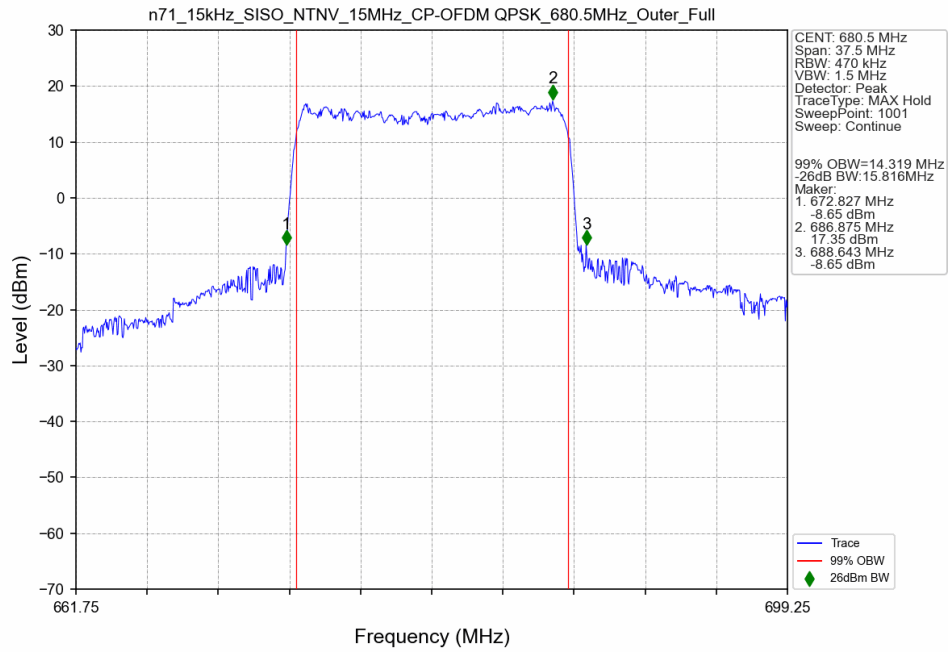
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_680.5MHz_Outer_Full_Ant0



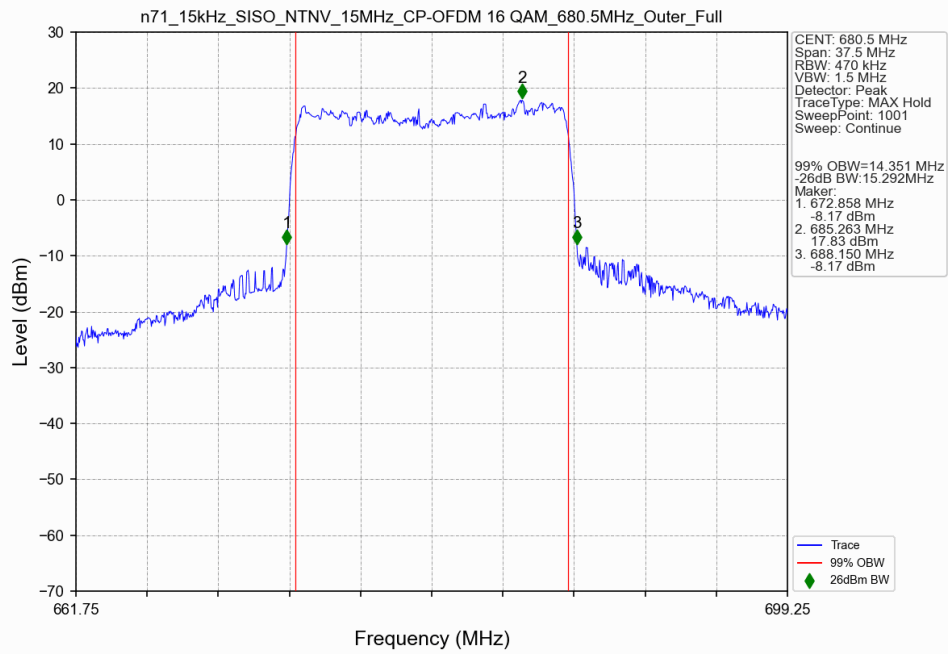
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant0



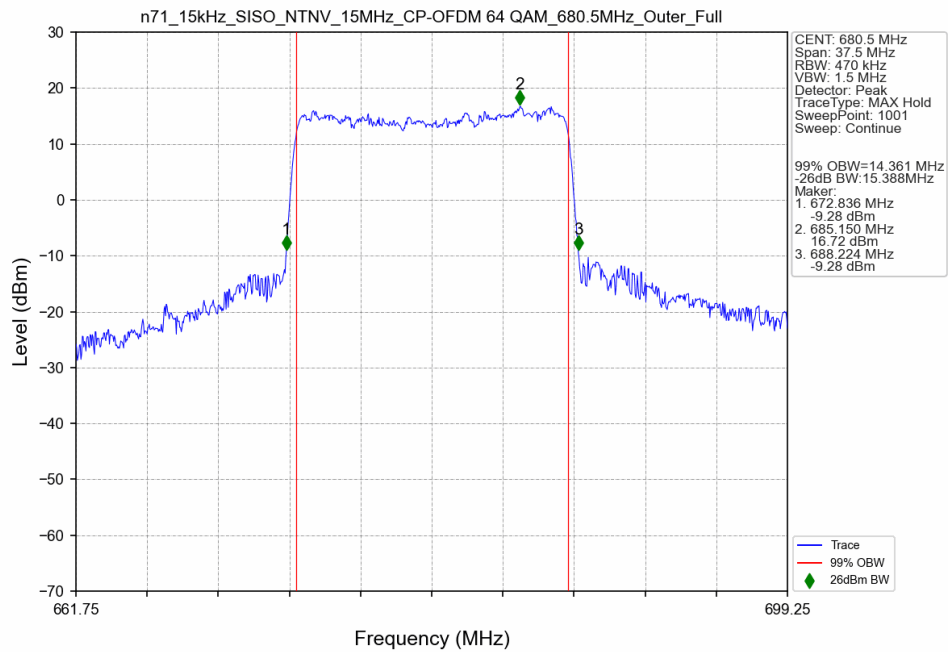
n71 15kHz SISO NTN 15MHz CP-OFDM QPSK 680.5MHz Outer Full Ant0



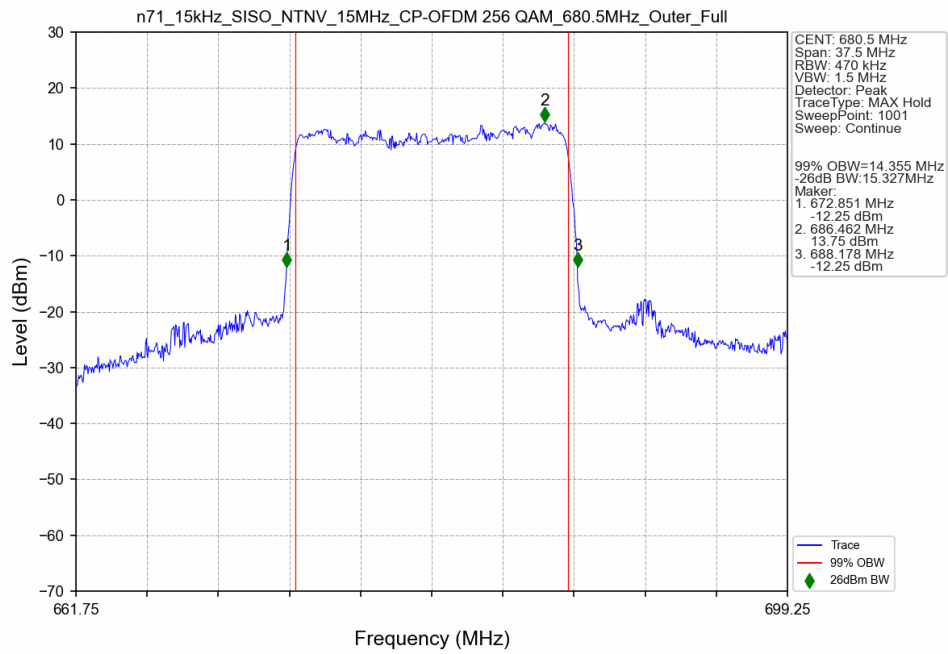
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_680.5MHz_Outer_Full_Ant0



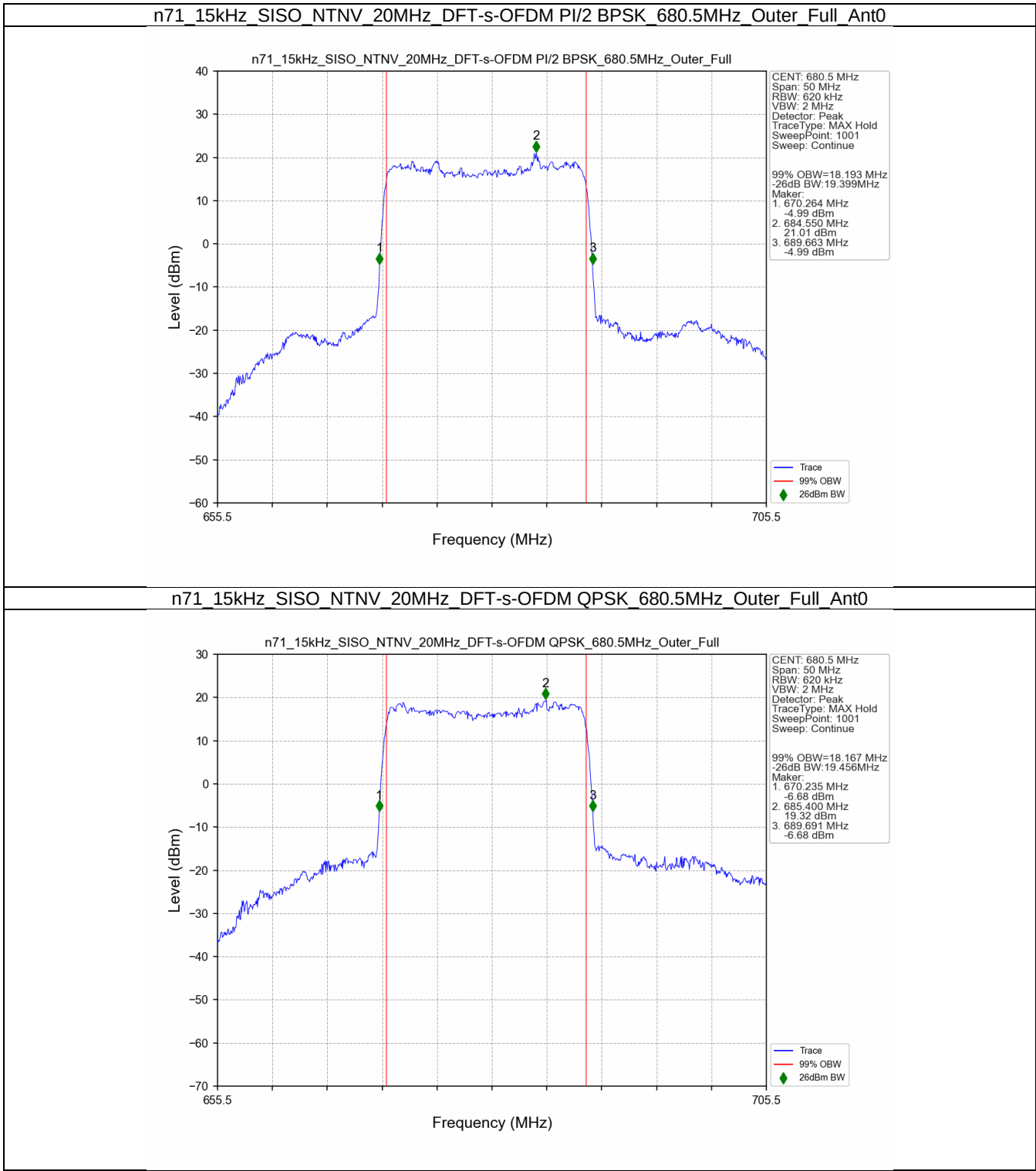
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_64_QAM_680.5MHz_Outer_Full_Ant0



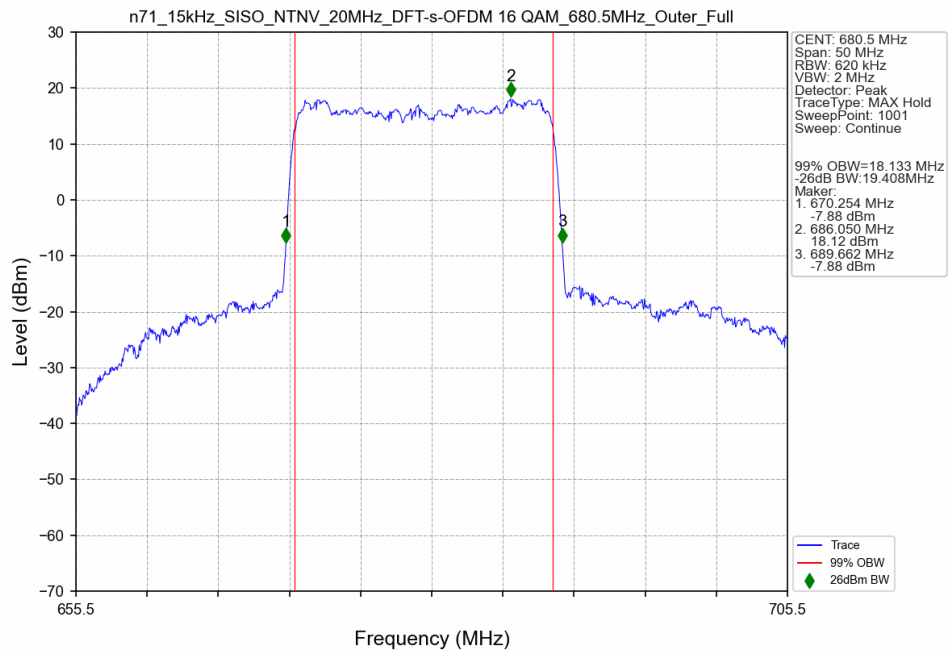
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_680.5MHz_Outer_Full_Ant0



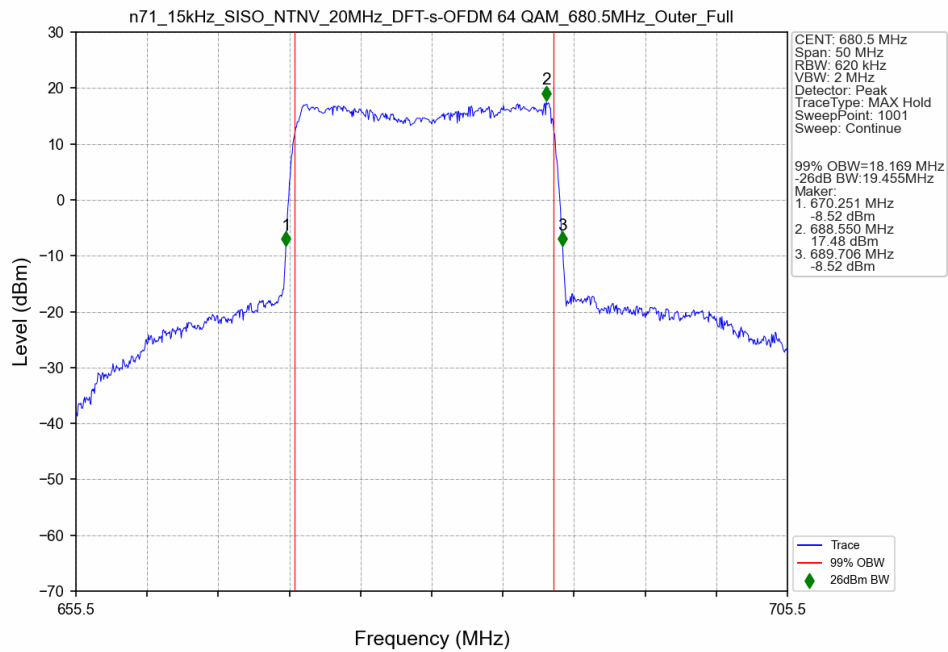
3.2.4 15k_SISO_20MHz_NTNV



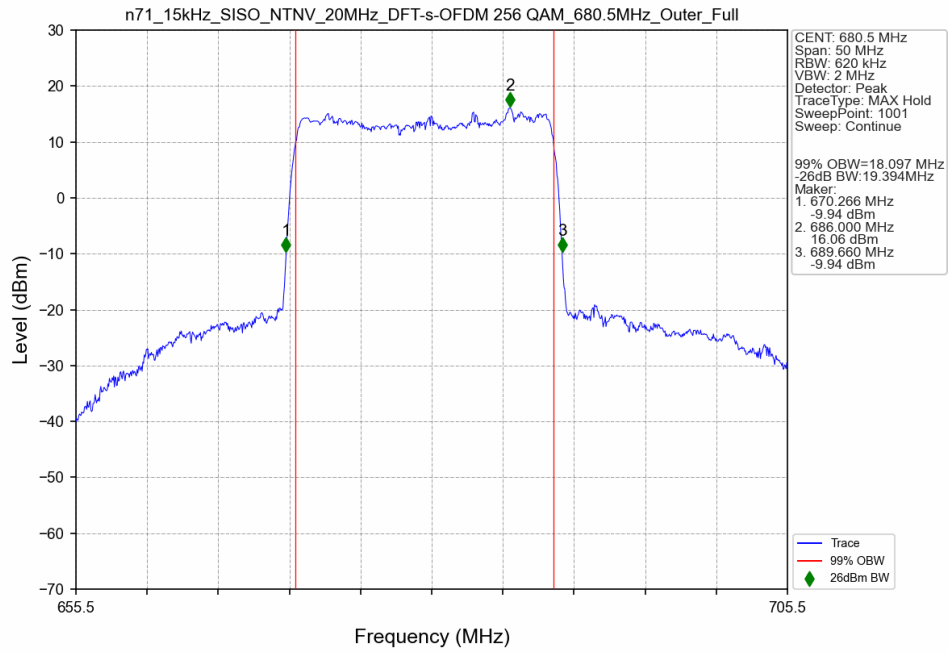
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_680.5MHz_Outer_Full_Ant0



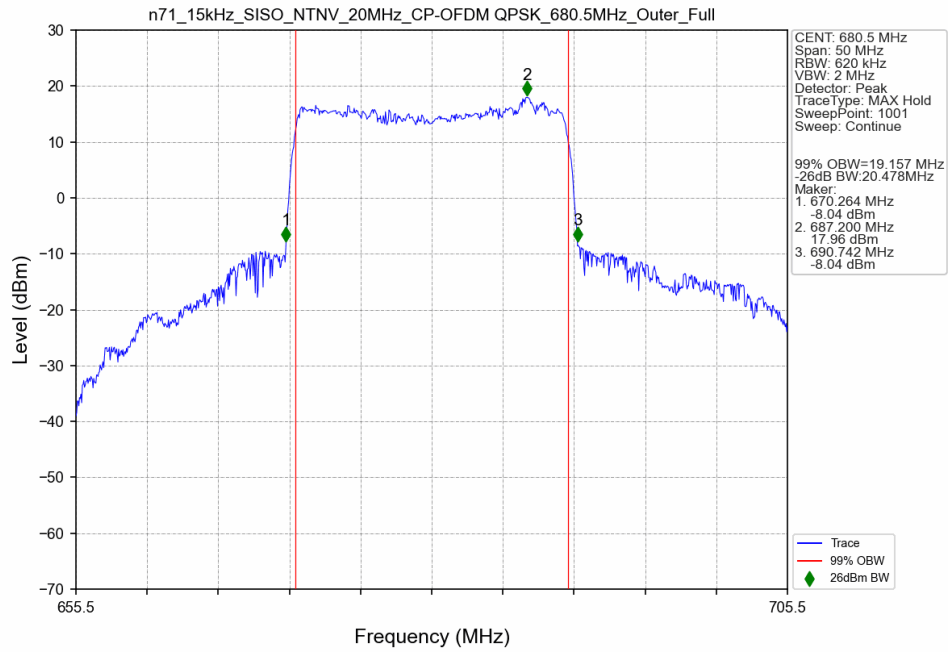
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_680.5MHz_Outer_Full_Ant0



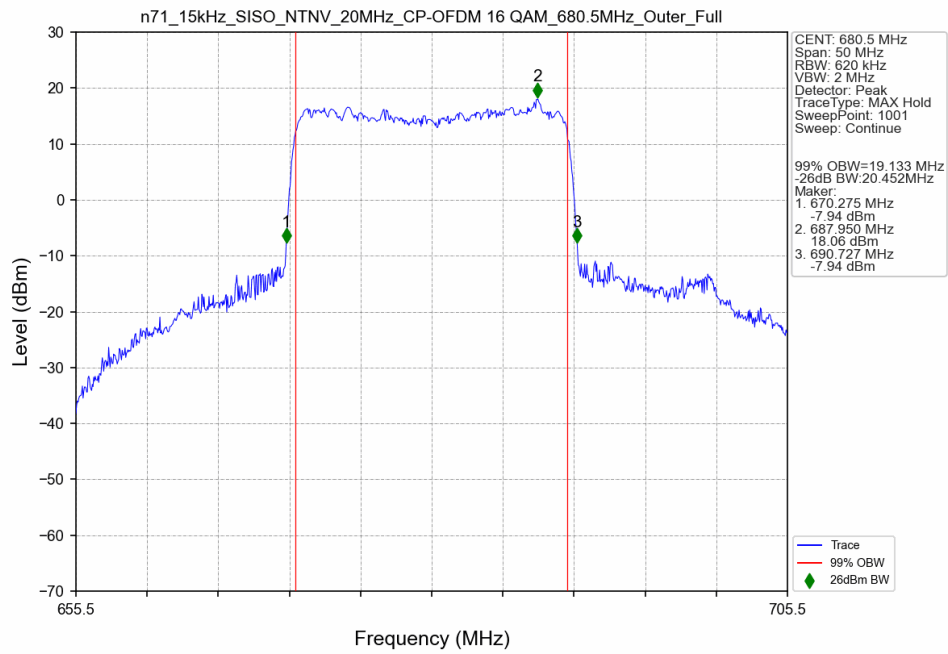
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant0



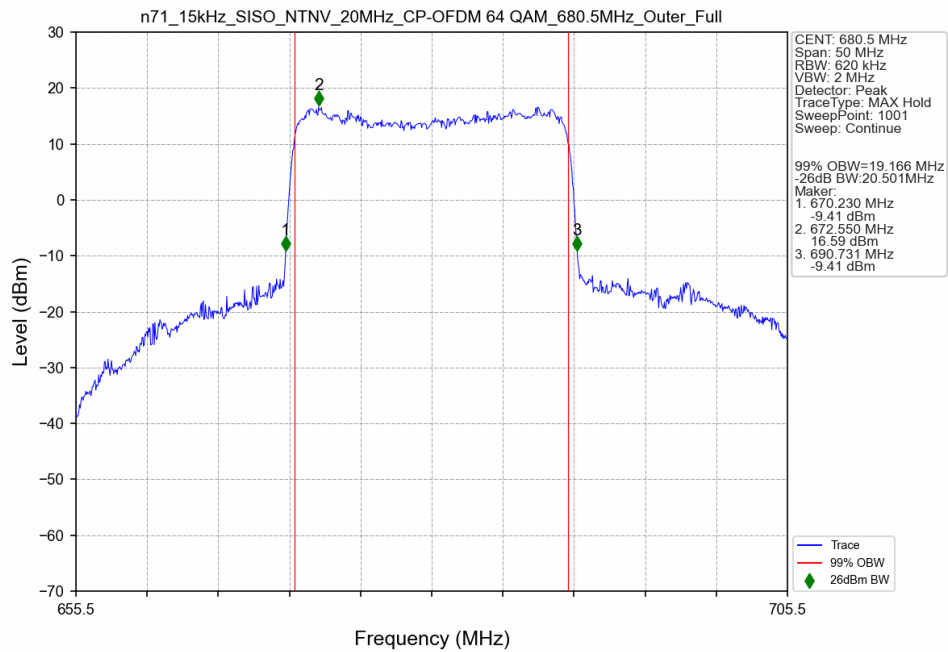
n71 15kHz SISO NTN 20MHz CP-OFDM QPSK 680.5MHz Outer Full Ant0



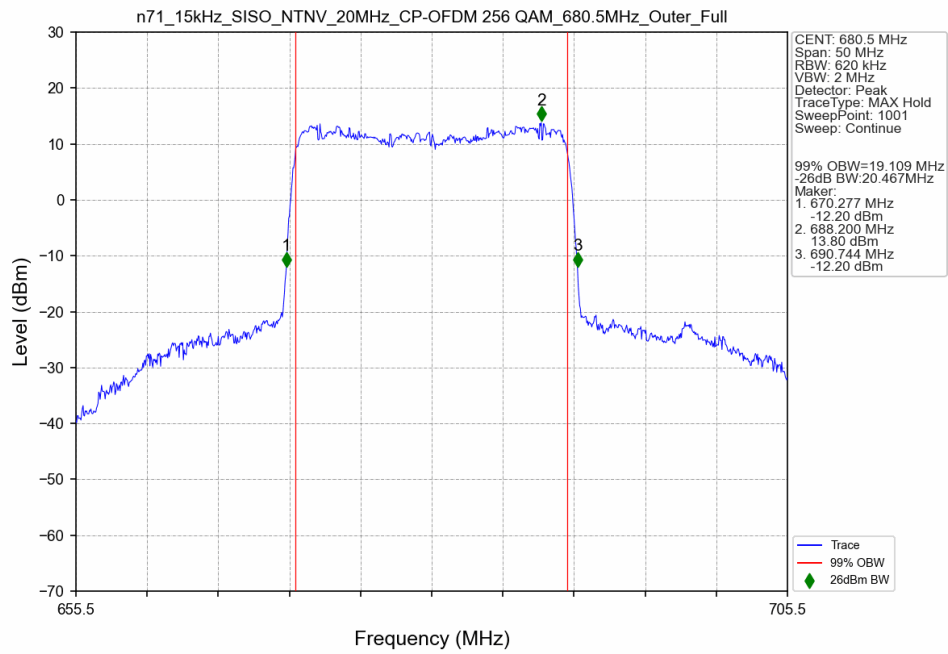
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_680.5MHz_Outer_Full_Ant0



n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_680.5MHz_Outer_Full_Ant0



n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_680.5MHz_Outer_Full_Ant0



4. Peak-Average Ratio

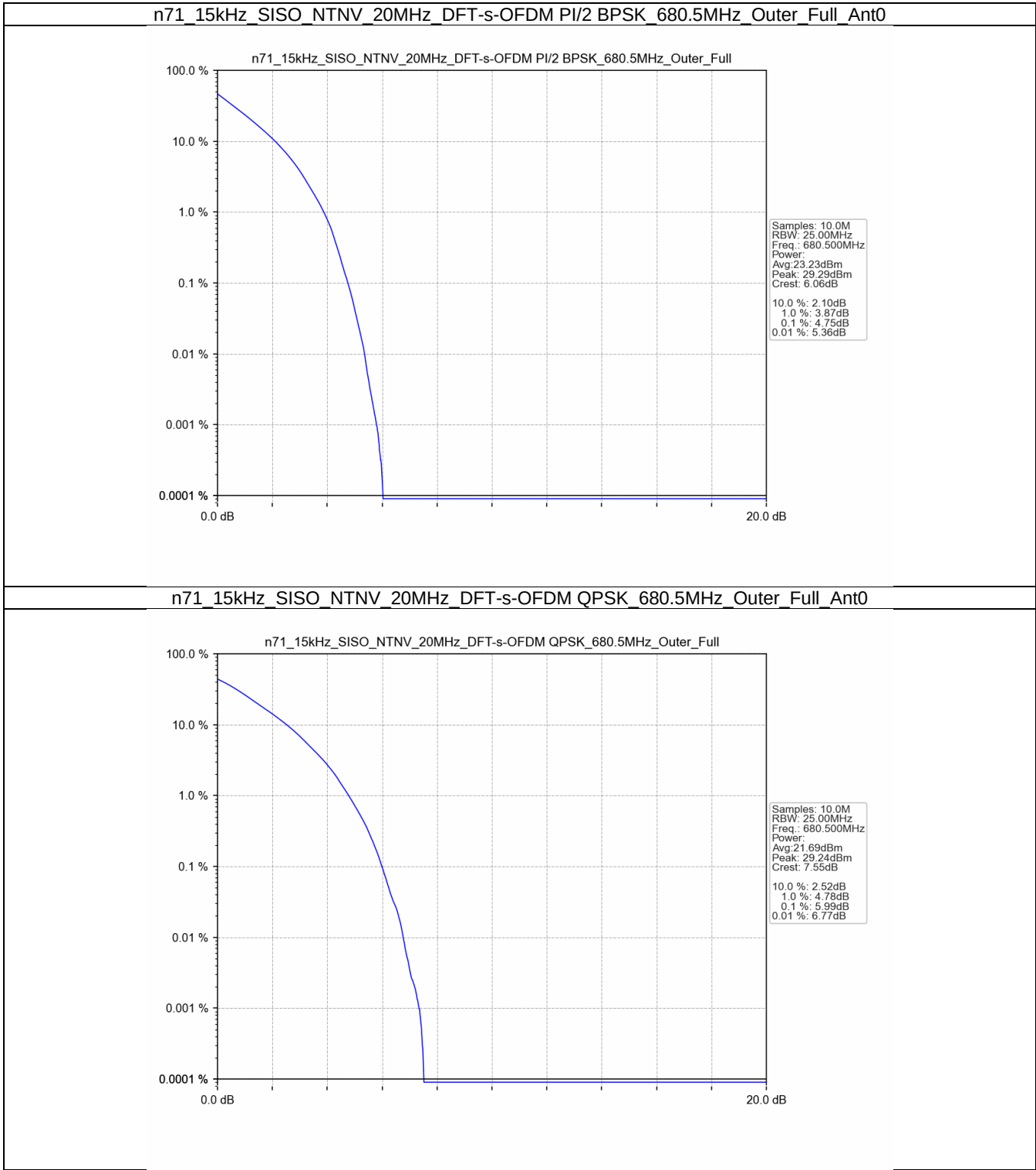
4.1 Test Result

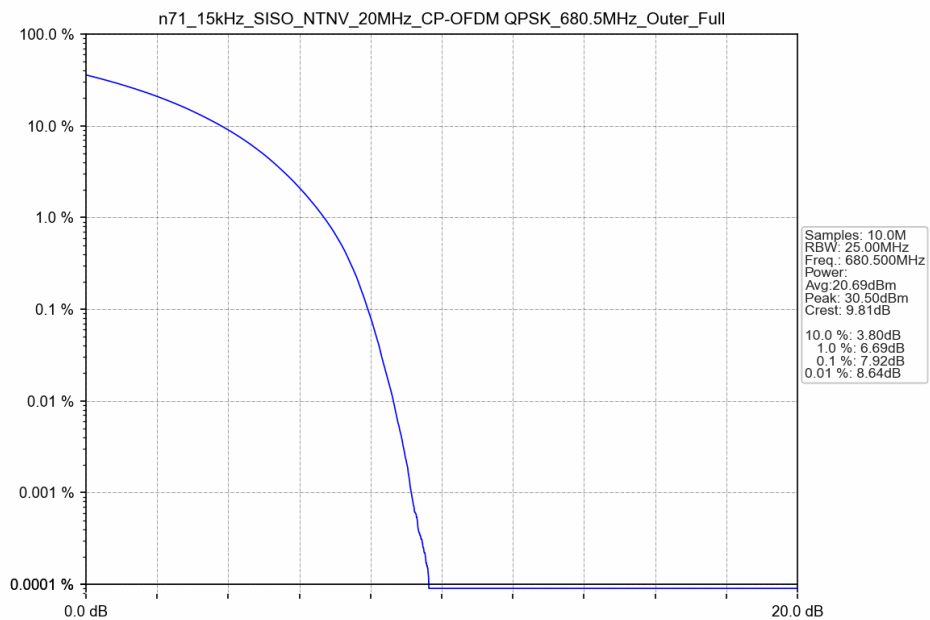
4.1.1 15k_SISO_20MHz_NTNV

5G NR n71 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	680.5	Outer Full	4.75	/	/	<=13	Pass
DFT-s-OFDM QPSK	680.5	Outer Full	5.99	/	/	<=13	Pass
CP-OFDM QPSK	680.5	Outer Full	7.92	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15k_SISO_20MHz_NTNV





5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n71 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	680.5	Edge 1RB Left	Refer To Test Graph				Pass
	665.5	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	680.5	Edge 1RB Left	Refer To Test Graph				Pass
	665.5	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
CP-OFDM QPSK	680.5	Edge 1RB Left	Refer To Test Graph				Pass
	665.5	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass

5.1.2 15k_SISO_15MHz_NTNV

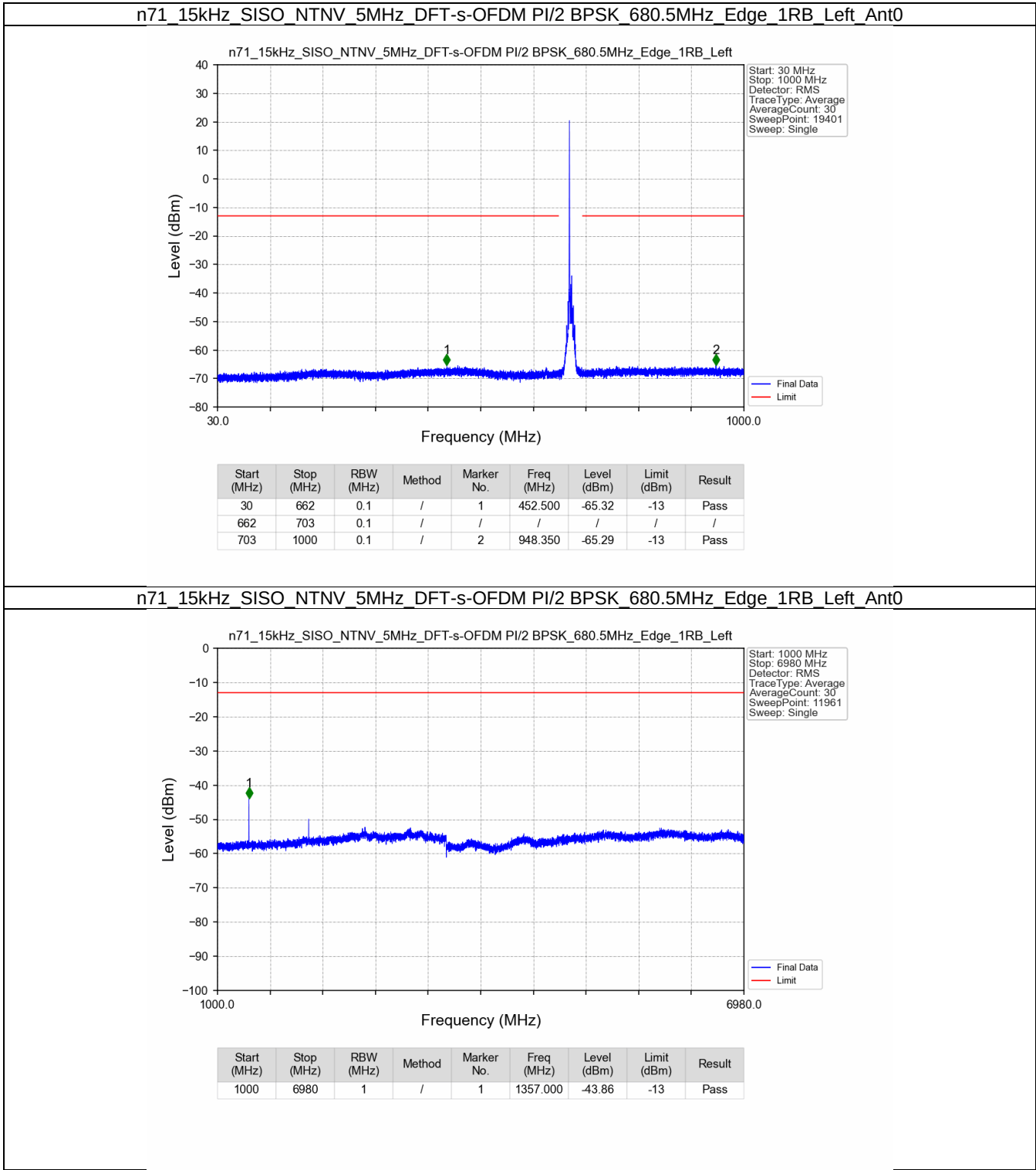
5G NR n71 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	680.5	Edge 1RB Left	Refer To Test Graph				Pass
	670.5	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	690.5	Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	680.5	Edge 1RB Left	Refer To Test Graph				Pass
	670.5	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	690.5	Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
CP-OFDM QPSK	680.5	Edge 1RB Left	Refer To Test Graph				Pass
	670.5	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	690.5	Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass

5.1.3 15k_SISO_20MHz_NTNV

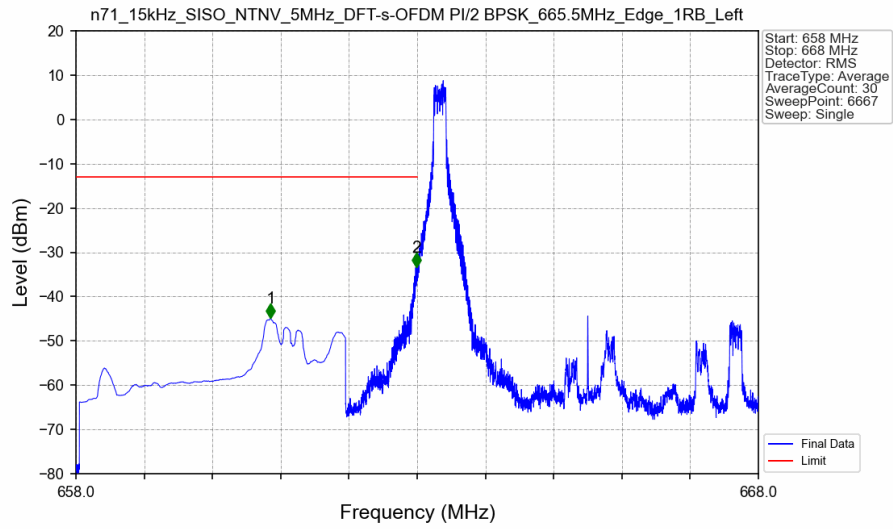
5G NR n71 SCS=15kHz SISO 20MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	680.5	Edge_1RB_Left	Refer To Test Graph				Pass
	673	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	688	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	DFT-s-OFDM QPSK	680.5	Edge_1RB_Left	Refer To Test Graph			
673		Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
688		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK		680.5	Edge_1RB_Left	Refer To Test Graph			
	673	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	688	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.2 Test Graph

5.2.1 15k_SISO_5MHz_NTNV

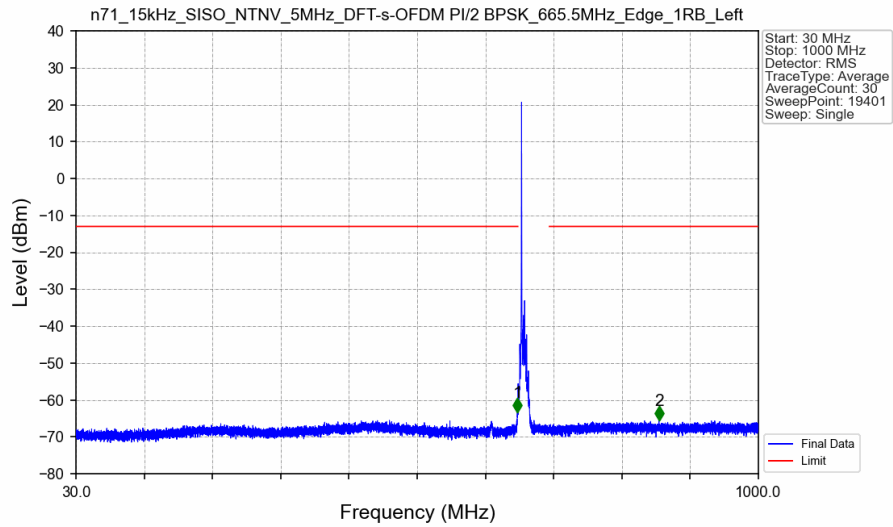


n71 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 665.5MHz Edge 1RB Left Ant0



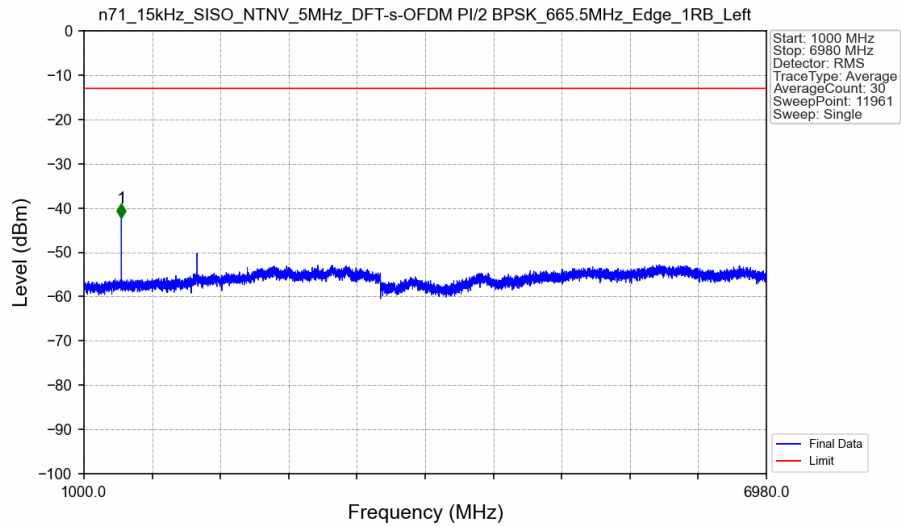
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	660.852	-44.77	-13	Pass
662	663	0.003	/	2	662.994	-33.33	-13	Pass
663	668	0.003	/	/	/	/	/	/

n71 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 665.5MHz Edge 1RB Left Ant0



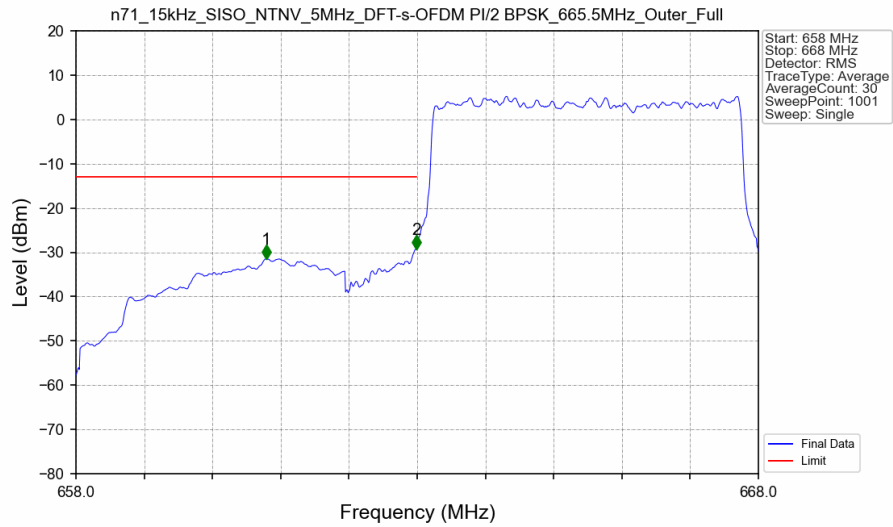
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.400	-63.33	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	858.650	-65.58	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_665.5MHz_Edge_1RB_Left_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1327.000	-42.14	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_665.5MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	660.790	-31.50	-13	Pass
662	663	0.05032	CHP	2	662.990	-29.23	-13	Pass
663	668	0.05032	CHP	/	/	/	/	/