

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_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	665.5	Edge 1RB Left	20.81	/	/	21.66	/	/	<=34.77	Pass
		Edge 1RB Right	22.45	/	/	23.30	/	/	<=34.77	Pass
		Outer Full	22.41	/	/	23.26	/	/	<=34.77	Pass
		Inner Full	22.32	/	/	23.17	/	/	<=34.77	Pass
		Inner 1RB Left	21.79	/	/	22.64	/	/	<=34.77	Pass
		Inner 1RB Right	22.45	/	/	23.30	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.79	/	/	22.64	/	/	<=34.77	Pass
		Edge 1RB Right	21.47	/	/	22.32	/	/	<=34.77	Pass
		Outer Full	21.44	/	/	22.29	/	/	<=34.77	Pass
		Inner Full	21.55	/	/	22.40	/	/	<=34.77	Pass
		Inner 1RB Left	21.77	/	/	22.62	/	/	<=34.77	Pass
		Inner 1RB Right	21.54	/	/	22.39	/	/	<=34.77	Pass
	695.5	Edge 1RB Left	19.87	/	/	20.72	/	/	<=34.77	Pass
		Edge 1RB Right	20.54	/	/	21.39	/	/	<=34.77	Pass
		Outer Full	20.65	/	/	21.50	/	/	<=34.77	Pass
		Inner Full	20.84	/	/	21.69	/	/	<=34.77	Pass
		Inner 1RB Left	20.48	/	/	21.33	/	/	<=34.77	Pass
		Inner 1RB Right	20.55	/	/	21.40	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	665.5	Edge 1RB Left	20.25	/	/	21.10	/	/	<=34.77	Pass
		Edge 1RB Right	22.10	/	/	22.95	/	/	<=34.77	Pass
		Outer Full	22.24	/	/	23.09	/	/	<=34.77	Pass
		Inner Full	22.33	/	/	23.18	/	/	<=34.77	Pass
		Inner 1RB Left	21.73	/	/	22.58	/	/	<=34.77	Pass
		Inner 1RB Right	22.47	/	/	23.32	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.70	/	/	22.55	/	/	<=34.77	Pass
		Edge 1RB Right	21.37	/	/	22.22	/	/	<=34.77	Pass
		Outer Full	21.58	/	/	22.43	/	/	<=34.77	Pass
		Inner Full	21.59	/	/	22.44	/	/	<=34.77	Pass
		Inner 1RB Left	21.58	/	/	22.43	/	/	<=34.77	Pass
		Inner 1RB Right	21.39	/	/	22.24	/	/	<=34.77	Pass
	695.5	Edge 1RB Left	19.39	/	/	20.24	/	/	<=34.77	Pass
		Edge 1RB Right	20.56	/	/	21.41	/	/	<=34.77	Pass
		Outer Full	20.45	/	/	21.30	/	/	<=34.77	Pass
		Inner Full	20.79	/	/	21.64	/	/	<=34.77	Pass
		Inner 1RB Left	20.47	/	/	21.32	/	/	<=34.77	Pass
		Inner 1RB Right	20.54	/	/	21.39	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	665.5	Edge 1RB Left	19.02	/	/	19.87	/	/	<=34.77	Pass
		Edge 1RB Right	21.27	/	/	22.12	/	/	<=34.77	Pass
		Outer Full	21.32	/	/	22.17	/	/	<=34.77	Pass
		Inner Full	22.38	/	/	23.23	/	/	<=34.77	Pass
		Inner 1RB Left	20.50	/	/	21.35	/	/	<=34.77	Pass
		Inner 1RB Right	22.05	/	/	22.90	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.82	/	/	21.67	/	/	<=34.77	Pass
		Edge 1RB Right	20.42	/	/	21.27	/	/	<=34.77	Pass
		Outer Full	20.60	/	/	21.45	/	/	<=34.77	Pass
		Inner Full	21.66	/	/	22.51	/	/	<=34.77	Pass

	695.5	Inner_1RB_Left	21.76	/	/	22.61	/	/	<=34.77	Pass
		Inner_1RB_Right	21.33	/	/	22.18	/	/	<=34.77	Pass
		Edge_1RB_Left	18.31	/	/	19.16	/	/	<=34.77	Pass
		Edge_1RB_Right	19.50	/	/	20.35	/	/	<=34.77	Pass
		Outer_Full	19.48	/	/	20.33	/	/	<=34.77	Pass
		Inner_Full	20.33	/	/	21.18	/	/	<=34.77	Pass
		Inner_1RB_Left	19.43	/	/	20.28	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	665.5	Inner_1RB_Right	20.50	/	/	21.35	/	/	<=34.77	Pass
		Edge_1RB_Left	18.58	/	/	19.43	/	/	<=34.77	Pass
		Edge_1RB_Right	21.08	/	/	21.93	/	/	<=34.77	Pass
		Outer_Full	20.84	/	/	21.69	/	/	<=34.77	Pass
		Inner_Full	20.91	/	/	21.76	/	/	<=34.77	Pass
		Inner_1RB_Left	18.86	/	/	19.71	/	/	<=34.77	Pass
	680.5	Inner_1RB_Right	21.25	/	/	22.10	/	/	<=34.77	Pass
		Edge_1RB_Left	20.45	/	/	21.30	/	/	<=34.77	Pass
		Edge_1RB_Right	20.10	/	/	20.95	/	/	<=34.77	Pass
		Outer_Full	20.08	/	/	20.93	/	/	<=34.77	Pass
		Inner_Full	20.14	/	/	20.99	/	/	<=34.77	Pass
		Inner_1RB_Left	20.51	/	/	21.36	/	/	<=34.77	Pass
	695.5	Inner_1RB_Right	20.21	/	/	21.06	/	/	<=34.77	Pass
		Edge_1RB_Left	17.94	/	/	18.79	/	/	<=34.77	Pass
		Edge_1RB_Right	19.24	/	/	20.09	/	/	<=34.77	Pass
		Outer_Full	18.93	/	/	19.78	/	/	<=34.77	Pass
		Inner_Full	18.84	/	/	19.69	/	/	<=34.77	Pass
		Inner_1RB_Left	18.05	/	/	18.90	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	665.5	Inner_1RB_Right	19.25	/	/	20.10	/	/	<=34.77	Pass
		Edge_1RB_Left	16.07	/	/	16.92	/	/	<=34.77	Pass
		Edge_1RB_Right	18.40	/	/	19.25	/	/	<=34.77	Pass
		Outer_Full	18.81	/	/	19.66	/	/	<=34.77	Pass
		Inner_Full	18.93	/	/	19.78	/	/	<=34.77	Pass
		Inner_1RB_Left	16.38	/	/	17.23	/	/	<=34.77	Pass
	680.5	Inner_1RB_Right	18.40	/	/	19.25	/	/	<=34.77	Pass
		Edge_1RB_Left	17.76	/	/	18.61	/	/	<=34.77	Pass
		Edge_1RB_Right	17.50	/	/	18.35	/	/	<=34.77	Pass
		Outer_Full	17.94	/	/	18.79	/	/	<=34.77	Pass
		Inner_Full	18.19	/	/	19.04	/	/	<=34.77	Pass
		Inner_1RB_Left	17.79	/	/	18.64	/	/	<=34.77	Pass
	695.5	Inner_1RB_Right	17.46	/	/	18.31	/	/	<=34.77	Pass
		Edge_1RB_Left	15.62	/	/	16.47	/	/	<=34.77	Pass
		Edge_1RB_Right	16.49	/	/	17.34	/	/	<=34.77	Pass
		Outer_Full	17.07	/	/	17.92	/	/	<=34.77	Pass
		Inner_Full	17.20	/	/	18.05	/	/	<=34.77	Pass
		Inner_1RB_Left	15.74	/	/	16.59	/	/	<=34.77	Pass
CP-OFDM QPSK	665.5	Inner_1RB_Right	16.45	/	/	17.30	/	/	<=34.77	Pass
		Edge_1RB_Left	18.01	/	/	18.86	/	/	<=34.77	Pass
		Edge_1RB_Right	20.24	/	/	21.09	/	/	<=34.77	Pass
		Outer_Full	20.20	/	/	21.05	/	/	<=34.77	Pass
		Inner_Full	21.52	/	/	22.37	/	/	<=34.77	Pass
		Inner_1RB_Left	19.66	/	/	20.51	/	/	<=34.77	Pass
	680.5	Inner_1RB_Right	21.47	/	/	22.32	/	/	<=34.77	Pass
		Edge_1RB_Left	19.67	/	/	20.52	/	/	<=34.77	Pass
		Edge_1RB_Right	19.47	/	/	20.32	/	/	<=34.77	Pass
		Outer_Full	19.55	/	/	20.40	/	/	<=34.77	Pass
		Inner_Full	21.05	/	/	21.90	/	/	<=34.77	Pass
		Inner_1RB_Left	21.17	/	/	22.02	/	/	<=34.77	Pass
		Inner_1RB_Right	20.92	/	/	21.77	/	/	<=34.77	Pass

	695.5	Edge_1RB_Left	17.43	/	/	18.28	/	/	<=34.77	Pass
		Edge_1RB_Right	18.50	/	/	19.35	/	/	<=34.77	Pass
		Outer_Full	18.40	/	/	19.25	/	/	<=34.77	Pass
		Inner_Full	19.50	/	/	20.35	/	/	<=34.77	Pass
		Inner_1RB_Left	19.03	/	/	19.88	/	/	<=34.77	Pass
		Inner_1RB_Right	20.03	/	/	20.88	/	/	<=34.77	Pass
CP-OFDM 16 QAM	665.5	Edge_1RB_Left	17.80	/	/	18.65	/	/	<=34.77	Pass
		Edge_1RB_Right	20.36	/	/	21.21	/	/	<=34.77	Pass
		Outer_Full	20.18	/	/	21.03	/	/	<=34.77	Pass
		Inner_Full	21.19	/	/	22.04	/	/	<=34.77	Pass
		Inner_1RB_Left	19.18	/	/	20.03	/	/	<=34.77	Pass
		Inner_1RB_Right	21.20	/	/	22.05	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.72	/	/	20.57	/	/	<=34.77	Pass
		Edge_1RB_Right	19.50	/	/	20.35	/	/	<=34.77	Pass
		Outer_Full	19.56	/	/	20.41	/	/	<=34.77	Pass
		Inner_Full	20.45	/	/	21.30	/	/	<=34.77	Pass
		Inner_1RB_Left	20.85	/	/	21.70	/	/	<=34.77	Pass
		Inner_1RB_Right	20.63	/	/	21.48	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	17.26	/	/	18.11	/	/	<=34.77	Pass
		Edge_1RB_Right	18.52	/	/	19.37	/	/	<=34.77	Pass
		Outer_Full	18.43	/	/	19.28	/	/	<=34.77	Pass
		Inner_Full	19.11	/	/	19.96	/	/	<=34.77	Pass
		Inner_1RB_Left	18.34	/	/	19.19	/	/	<=34.77	Pass
		Inner_1RB_Right	19.66	/	/	20.51	/	/	<=34.77	Pass
CP-OFDM 64 QAM	665.5	Edge_1RB_Left	17.42	/	/	18.27	/	/	<=34.77	Pass
		Edge_1RB_Right	20.11	/	/	20.96	/	/	<=34.77	Pass
		Outer_Full	19.70	/	/	20.55	/	/	<=34.77	Pass
		Inner_Full	19.85	/	/	20.70	/	/	<=34.77	Pass
		Inner_1RB_Left	17.67	/	/	18.52	/	/	<=34.77	Pass
		Inner_1RB_Right	20.28	/	/	21.13	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.28	/	/	20.13	/	/	<=34.77	Pass
		Edge_1RB_Right	19.06	/	/	19.91	/	/	<=34.77	Pass
		Outer_Full	19.05	/	/	19.90	/	/	<=34.77	Pass
		Inner_Full	19.16	/	/	20.01	/	/	<=34.77	Pass
		Inner_1RB_Left	19.27	/	/	20.12	/	/	<=34.77	Pass
		Inner_1RB_Right	19.00	/	/	19.85	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	16.71	/	/	17.56	/	/	<=34.77	Pass
		Edge_1RB_Right	18.03	/	/	18.88	/	/	<=34.77	Pass
		Outer_Full	17.87	/	/	18.72	/	/	<=34.77	Pass
		Inner_Full	17.73	/	/	18.58	/	/	<=34.77	Pass
		Inner_1RB_Left	16.90	/	/	17.75	/	/	<=34.77	Pass
		Inner_1RB_Right	18.15	/	/	19.00	/	/	<=34.77	Pass
CP-OFDM 256 QAM	665.5	Edge_1RB_Left	14.00	/	/	14.85	/	/	<=34.77	Pass
		Edge_1RB_Right	16.48	/	/	17.33	/	/	<=34.77	Pass
		Outer_Full	16.81	/	/	17.66	/	/	<=34.77	Pass
		Inner_Full	16.95	/	/	17.80	/	/	<=34.77	Pass
		Inner_1RB_Left	14.25	/	/	15.10	/	/	<=34.77	Pass
		Inner_1RB_Right	16.57	/	/	17.42	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	15.92	/	/	16.77	/	/	<=34.77	Pass
		Edge_1RB_Right	15.59	/	/	16.44	/	/	<=34.77	Pass
		Outer_Full	16.06	/	/	16.91	/	/	<=34.77	Pass
		Inner_Full	16.20	/	/	17.05	/	/	<=34.77	Pass
		Inner_1RB_Left	15.85	/	/	16.70	/	/	<=34.77	Pass
		Inner_1RB_Right	15.54	/	/	16.39	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	13.71	/	/	14.56	/	/	<=34.77	Pass
		Edge_1RB_Right	14.57	/	/	15.42	/	/	<=34.77	Pass

		Outer_Full	15.20	/	/	16.05	/	/	<=34.77	Pass
		Inner_Full	15.24	/	/	16.09	/	/	<=34.77	Pass
		Inner_1RB_Left	13.77	/	/	14.62	/	/	<=34.77	Pass
		Inner_1RB_Right	14.58	/	/	15.43	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant0: 3.00dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15_S_10M_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	668	Edge_1RB_Left	20.91	/	/	21.76	/	/	<=34.77	Pass
		Edge_1RB_Right	20.96	/	/	21.81	/	/	<=34.77	Pass
		Outer_Full	22.46	/	/	23.31	/	/	<=34.77	Pass
		Inner_Full	22.44	/	/	23.29	/	/	<=34.77	Pass
		Inner_1RB_Left	21.89	/	/	22.74	/	/	<=34.77	Pass
		Inner_1RB_Right	21.48	/	/	22.33	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.48	/	/	22.33	/	/	<=34.77	Pass
		Edge_1RB_Right	21.65	/	/	22.50	/	/	<=34.77	Pass
		Outer_Full	21.53	/	/	22.38	/	/	<=34.77	Pass
		Inner_Full	21.48	/	/	22.33	/	/	<=34.77	Pass
		Inner_1RB_Left	22.01	/	/	22.86	/	/	<=34.77	Pass
		Inner_1RB_Right	21.70	/	/	22.55	/	/	<=34.77	Pass
	693	Edge_1RB_Left	20.65	/	/	21.50	/	/	<=34.77	Pass
		Edge_1RB_Right	20.52	/	/	21.37	/	/	<=34.77	Pass
		Outer_Full	20.36	/	/	21.21	/	/	<=34.77	Pass
		Inner_Full	20.50	/	/	21.35	/	/	<=34.77	Pass
		Inner_1RB_Left	21.13	/	/	21.98	/	/	<=34.77	Pass
		Inner_1RB_Right	20.58	/	/	21.43	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	668	Edge_1RB_Left	20.94	/	/	21.79	/	/	<=34.77	Pass
		Edge_1RB_Right	20.94	/	/	21.79	/	/	<=34.77	Pass
		Outer_Full	21.81	/	/	22.66	/	/	<=34.77	Pass
		Inner_Full	22.40	/	/	23.25	/	/	<=34.77	Pass
		Inner_1RB_Left	21.87	/	/	22.72	/	/	<=34.77	Pass
		Inner_1RB_Right	21.45	/	/	22.30	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.46	/	/	22.31	/	/	<=34.77	Pass
		Edge_1RB_Right	21.70	/	/	22.55	/	/	<=34.77	Pass
		Outer_Full	21.56	/	/	22.41	/	/	<=34.77	Pass
		Inner_Full	21.54	/	/	22.39	/	/	<=34.77	Pass
		Inner_1RB_Left	21.98	/	/	22.83	/	/	<=34.77	Pass
		Inner_1RB_Right	21.63	/	/	22.48	/	/	<=34.77	Pass
	693	Edge_1RB_Left	20.61	/	/	21.46	/	/	<=34.77	Pass
		Edge_1RB_Right	20.52	/	/	21.37	/	/	<=34.77	Pass
		Outer_Full	19.74	/	/	20.59	/	/	<=34.77	Pass
		Inner_Full	20.45	/	/	21.30	/	/	<=34.77	Pass
		Inner_1RB_Left	21.10	/	/	21.95	/	/	<=34.77	Pass
		Inner_1RB_Right	20.49	/	/	21.34	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	668	Edge_1RB_Left	19.69	/	/	20.54	/	/	<=34.77	Pass
		Edge_1RB_Right	19.88	/	/	20.73	/	/	<=34.77	Pass
		Outer_Full	20.79	/	/	21.64	/	/	<=34.77	Pass
		Inner_Full	22.09	/	/	22.94	/	/	<=34.77	Pass
		Inner_1RB_Left	20.58	/	/	21.43	/	/	<=34.77	Pass
		Inner_1RB_Right	20.37	/	/	21.22	/	/	<=34.77	Pass

	680.5	Edge_1RB_Left	20.36	/	/	21.21	/	/	<=34.77	Pass
		Edge_1RB_Right	20.57	/	/	21.42	/	/	<=34.77	Pass
		Outer_Full	20.60	/	/	21.45	/	/	<=34.77	Pass
		Inner_Full	21.62	/	/	22.47	/	/	<=34.77	Pass
		Inner_1RB_Left	21.10	/	/	21.95	/	/	<=34.77	Pass
		Inner_1RB_Right	21.59	/	/	22.44	/	/	<=34.77	Pass
	693	Edge_1RB_Left	19.53	/	/	20.38	/	/	<=34.77	Pass
		Edge_1RB_Right	19.43	/	/	20.28	/	/	<=34.77	Pass
		Outer_Full	18.72	/	/	19.57	/	/	<=34.77	Pass
		Inner_Full	19.49	/	/	20.34	/	/	<=34.77	Pass
		Inner_1RB_Left	20.03	/	/	20.88	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	668	Inner_1RB_Right	20.50	/	/	21.35	/	/	<=34.77	Pass
		Edge_1RB_Left	19.28	/	/	20.13	/	/	<=34.77	Pass
		Edge_1RB_Right	19.53	/	/	20.38	/	/	<=34.77	Pass
		Outer_Full	20.38	/	/	21.23	/	/	<=34.77	Pass
		Inner_Full	20.96	/	/	21.81	/	/	<=34.77	Pass
		Inner_1RB_Left	19.56	/	/	20.41	/	/	<=34.77	Pass
	680.5	Inner_1RB_Right	19.57	/	/	20.42	/	/	<=34.77	Pass
		Edge_1RB_Left	20.08	/	/	20.93	/	/	<=34.77	Pass
		Edge_1RB_Right	20.40	/	/	21.25	/	/	<=34.77	Pass
		Outer_Full	20.09	/	/	20.94	/	/	<=34.77	Pass
		Inner_Full	19.99	/	/	20.84	/	/	<=34.77	Pass
		Inner_1RB_Left	20.19	/	/	21.04	/	/	<=34.77	Pass
	693	Inner_1RB_Right	20.39	/	/	21.24	/	/	<=34.77	Pass
		Edge_1RB_Left	19.18	/	/	20.03	/	/	<=34.77	Pass
		Edge_1RB_Right	19.18	/	/	20.03	/	/	<=34.77	Pass
		Outer_Full	18.23	/	/	19.08	/	/	<=34.77	Pass
		Inner_Full	17.89	/	/	18.74	/	/	<=34.77	Pass
		Inner_1RB_Left	19.16	/	/	20.01	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	668	Inner_1RB_Right	19.27	/	/	20.12	/	/	<=34.77	Pass
		Edge_1RB_Left	16.25	/	/	17.10	/	/	<=34.77	Pass
		Edge_1RB_Right	16.64	/	/	17.49	/	/	<=34.77	Pass
		Outer_Full	18.85	/	/	19.70	/	/	<=34.77	Pass
		Inner_Full	18.94	/	/	19.79	/	/	<=34.77	Pass
		Inner_1RB_Left	16.60	/	/	17.45	/	/	<=34.77	Pass
	680.5	Inner_1RB_Right	16.76	/	/	17.61	/	/	<=34.77	Pass
		Edge_1RB_Left	17.28	/	/	18.13	/	/	<=34.77	Pass
		Edge_1RB_Right	17.64	/	/	18.49	/	/	<=34.77	Pass
		Outer_Full	17.99	/	/	18.84	/	/	<=34.77	Pass
		Inner_Full	17.87	/	/	18.72	/	/	<=34.77	Pass
		Inner_1RB_Left	17.44	/	/	18.29	/	/	<=34.77	Pass
	693	Inner_1RB_Right	17.64	/	/	18.49	/	/	<=34.77	Pass
		Edge_1RB_Left	16.55	/	/	17.40	/	/	<=34.77	Pass
		Edge_1RB_Right	16.35	/	/	17.20	/	/	<=34.77	Pass
		Outer_Full	16.60	/	/	17.45	/	/	<=34.77	Pass
		Inner_Full	16.26	/	/	17.11	/	/	<=34.77	Pass
		Inner_1RB_Left	16.54	/	/	17.39	/	/	<=34.77	Pass
CP-OFDM QPSK	668	Inner_1RB_Right	16.38	/	/	17.23	/	/	<=34.77	Pass
		Edge_1RB_Left	19.23	/	/	20.08	/	/	<=34.77	Pass
		Edge_1RB_Right	19.50	/	/	20.35	/	/	<=34.77	Pass
		Outer_Full	19.66	/	/	20.51	/	/	<=34.77	Pass
		Inner_Full	21.20	/	/	22.05	/	/	<=34.77	Pass
		Inner_1RB_Left	20.07	/	/	20.92	/	/	<=34.77	Pass
	680.5	Inner_1RB_Right	19.99	/	/	20.84	/	/	<=34.77	Pass
		Edge_1RB_Left	19.93	/	/	20.78	/	/	<=34.77	Pass
		Edge_1RB_Right	19.67	/	/	20.52	/	/	<=34.77	Pass

		Outer_Full	19.60	/	/	20.45	/	/	<=34.77	Pass
		Inner_Full	20.95	/	/	21.80	/	/	<=34.77	Pass
		Inner_1RB_Left	20.61	/	/	21.46	/	/	<=34.77	Pass
		Inner_1RB_Right	21.07	/	/	21.92	/	/	<=34.77	Pass
	693	Edge_1RB_Left	19.16	/	/	20.01	/	/	<=34.77	Pass
		Edge_1RB_Right	18.46	/	/	19.31	/	/	<=34.77	Pass
		Outer_Full	17.74	/	/	18.59	/	/	<=34.77	Pass
		Inner_Full	18.85	/	/	19.70	/	/	<=34.77	Pass
		Inner_1RB_Left	19.62	/	/	20.47	/	/	<=34.77	Pass
		Inner_1RB_Right	19.97	/	/	20.82	/	/	<=34.77	Pass
		Edge_1RB_Left	18.45	/	/	19.30	/	/	<=34.77	Pass
		Edge_1RB_Right	18.82	/	/	19.67	/	/	<=34.77	Pass
CP-OFDM 16 QAM	668	Outer_Full	19.61	/	/	20.46	/	/	<=34.77	Pass
		Inner_Full	20.91	/	/	21.76	/	/	<=34.77	Pass
		Inner_1RB_Left	19.30	/	/	20.15	/	/	<=34.77	Pass
		Inner_1RB_Right	19.32	/	/	20.17	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.30	/	/	20.15	/	/	<=34.77	Pass
		Edge_1RB_Right	19.76	/	/	20.61	/	/	<=34.77	Pass
		Outer_Full	19.63	/	/	20.48	/	/	<=34.77	Pass
		Inner_Full	20.54	/	/	21.39	/	/	<=34.77	Pass
		Inner_1RB_Left	19.90	/	/	20.75	/	/	<=34.77	Pass
		Inner_1RB_Right	20.80	/	/	21.65	/	/	<=34.77	Pass
	693	Edge_1RB_Left	18.47	/	/	19.32	/	/	<=34.77	Pass
		Edge_1RB_Right	18.54	/	/	19.39	/	/	<=34.77	Pass
		Outer_Full	17.71	/	/	18.56	/	/	<=34.77	Pass
		Inner_Full	18.46	/	/	19.31	/	/	<=34.77	Pass
		Inner_1RB_Left	18.93	/	/	19.78	/	/	<=34.77	Pass
		Inner_1RB_Right	19.59	/	/	20.44	/	/	<=34.77	Pass
CP-OFDM 64 QAM	668	Edge_1RB_Left	18.05	/	/	18.90	/	/	<=34.77	Pass
		Edge_1RB_Right	18.49	/	/	19.34	/	/	<=34.77	Pass
		Outer_Full	19.21	/	/	20.06	/	/	<=34.77	Pass
		Inner_Full	19.82	/	/	20.67	/	/	<=34.77	Pass
		Inner_1RB_Left	18.32	/	/	19.17	/	/	<=34.77	Pass
		Inner_1RB_Right	18.53	/	/	19.38	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	18.93	/	/	19.78	/	/	<=34.77	Pass
		Edge_1RB_Right	19.25	/	/	20.10	/	/	<=34.77	Pass
		Outer_Full	19.14	/	/	19.99	/	/	<=34.77	Pass
		Inner_Full	19.04	/	/	19.89	/	/	<=34.77	Pass
		Inner_1RB_Left	19.04	/	/	19.89	/	/	<=34.77	Pass
		Inner_1RB_Right	19.30	/	/	20.15	/	/	<=34.77	Pass
	693	Edge_1RB_Left	18.14	/	/	18.99	/	/	<=34.77	Pass
		Edge_1RB_Right	18.12	/	/	18.97	/	/	<=34.77	Pass
		Outer_Full	17.27	/	/	18.12	/	/	<=34.77	Pass
		Inner_Full	17.04	/	/	17.89	/	/	<=34.77	Pass
		Inner_1RB_Left	18.09	/	/	18.94	/	/	<=34.77	Pass
		Inner_1RB_Right	18.16	/	/	19.01	/	/	<=34.77	Pass
CP-OFDM 256 QAM	668	Edge_1RB_Left	14.67	/	/	15.52	/	/	<=34.77	Pass
		Edge_1RB_Right	15.25	/	/	16.10	/	/	<=34.77	Pass
		Outer_Full	16.65	/	/	17.50	/	/	<=34.77	Pass
		Inner_Full	16.91	/	/	17.76	/	/	<=34.77	Pass
		Inner_1RB_Left	14.98	/	/	15.83	/	/	<=34.77	Pass
		Inner_1RB_Right	15.35	/	/	16.20	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	15.86	/	/	16.71	/	/	<=34.77	Pass
		Edge_1RB_Right	15.83	/	/	16.68	/	/	<=34.77	Pass
		Outer_Full	16.03	/	/	16.88	/	/	<=34.77	Pass
		Inner_Full	16.02	/	/	16.87	/	/	<=34.77	Pass

		Inner_1RB_Left	16.01	/	/	16.86	/	/	<=34.77	Pass
		Inner_1RB_Right	15.85	/	/	16.70	/	/	<=34.77	Pass
	693	Edge_1RB_Left	15.30	/	/	16.15	/	/	<=34.77	Pass
		Edge_1RB_Right	14.56	/	/	15.41	/	/	<=34.77	Pass
		Outer_Full	14.48	/	/	15.33	/	/	<=34.77	Pass
		Inner_Full	14.35	/	/	15.20	/	/	<=34.77	Pass
		Inner_1RB_Left	15.21	/	/	16.06	/	/	<=34.77	Pass
		Inner_1RB_Right	14.69	/	/	15.54	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant0: 3.00dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.3 15_S_15M_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	670.5	Edge_1RB_Left	20.97	/	/	21.82	/	/	<=34.77	Pass
		Edge_1RB_Right	22.00	/	/	22.85	/	/	<=34.77	Pass
		Outer_Full	21.90	/	/	22.75	/	/	<=34.77	Pass
		Inner_Full	22.25	/	/	23.10	/	/	<=34.77	Pass
		Inner_1RB_Left	21.93	/	/	22.78	/	/	<=34.77	Pass
		Inner_1RB_Right	21.95	/	/	22.80	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.81	/	/	21.66	/	/	<=34.77	Pass
		Edge_1RB_Right	21.69	/	/	22.54	/	/	<=34.77	Pass
		Outer_Full	21.74	/	/	22.59	/	/	<=34.77	Pass
		Inner_Full	21.65	/	/	22.50	/	/	<=34.77	Pass
		Inner_1RB_Left	21.29	/	/	22.14	/	/	<=34.77	Pass
		Inner_1RB_Right	21.73	/	/	22.58	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	21.51	/	/	22.36	/	/	<=34.77	Pass
		Edge_1RB_Right	20.48	/	/	21.33	/	/	<=34.77	Pass
		Outer_Full	21.06	/	/	21.91	/	/	<=34.77	Pass
		Inner_Full	20.88	/	/	21.73	/	/	<=34.77	Pass
		Inner_1RB_Left	21.54	/	/	22.39	/	/	<=34.77	Pass
		Inner_1RB_Right	20.54	/	/	21.39	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	670.5	Edge_1RB_Left	21.00	/	/	21.85	/	/	<=34.77	Pass
		Edge_1RB_Right	21.92	/	/	22.77	/	/	<=34.77	Pass
		Outer_Full	21.27	/	/	22.12	/	/	<=34.77	Pass
		Inner_Full	22.19	/	/	23.04	/	/	<=34.77	Pass
		Inner_1RB_Left	21.89	/	/	22.74	/	/	<=34.77	Pass
		Inner_1RB_Right	22.00	/	/	22.85	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.77	/	/	21.62	/	/	<=34.77	Pass
		Edge_1RB_Right	21.66	/	/	22.51	/	/	<=34.77	Pass
		Outer_Full	21.78	/	/	22.63	/	/	<=34.77	Pass
		Inner_Full	21.69	/	/	22.54	/	/	<=34.77	Pass
		Inner_1RB_Left	21.29	/	/	22.14	/	/	<=34.77	Pass
		Inner_1RB_Right	21.71	/	/	22.56	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	21.54	/	/	22.39	/	/	<=34.77	Pass
		Edge_1RB_Right	20.48	/	/	21.33	/	/	<=34.77	Pass
		Outer_Full	20.40	/	/	21.25	/	/	<=34.77	Pass
		Inner_Full	20.81	/	/	21.66	/	/	<=34.77	Pass
		Inner_1RB_Left	21.76	/	/	22.61	/	/	<=34.77	Pass
		Inner_1RB_Right	20.64	/	/	21.49	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	670.5	Edge_1RB_Left	19.73	/	/	20.58	/	/	<=34.77	Pass
		Edge_1RB_Right	20.93	/	/	21.78	/	/	<=34.77	Pass

		Outer_Full	20.33	/	/	21.18	/	/	<=34.77	Pass
		Inner_Full	21.35	/	/	22.20	/	/	<=34.77	Pass
		Inner_1RB_Left	20.65	/	/	21.50	/	/	<=34.77	Pass
		Inner_1RB_Right	21.53	/	/	22.38	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.69	/	/	20.54	/	/	<=34.77	Pass
		Edge_1RB_Right	20.74	/	/	21.59	/	/	<=34.77	Pass
		Outer_Full	20.78	/	/	21.63	/	/	<=34.77	Pass
		Inner_Full	21.74	/	/	22.59	/	/	<=34.77	Pass
	690.5	Inner_1RB_Left	20.23	/	/	21.08	/	/	<=34.77	Pass
		Inner_1RB_Right	21.34	/	/	22.19	/	/	<=34.77	Pass
		Edge_1RB_Left	20.47	/	/	21.32	/	/	<=34.77	Pass
		Edge_1RB_Right	19.40	/	/	20.25	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	670.5	Outer_Full	19.45	/	/	20.30	/	/	<=34.77	Pass
		Inner_Full	19.88	/	/	20.73	/	/	<=34.77	Pass
		Inner_1RB_Left	21.37	/	/	22.22	/	/	<=34.77	Pass
		Inner_1RB_Right	20.56	/	/	21.41	/	/	<=34.77	Pass
		Edge_1RB_Left	19.34	/	/	20.19	/	/	<=34.77	Pass
		Edge_1RB_Right	20.59	/	/	21.44	/	/	<=34.77	Pass
	680.5	Outer_Full	19.87	/	/	20.72	/	/	<=34.77	Pass
		Inner_Full	20.09	/	/	20.94	/	/	<=34.77	Pass
		Inner_1RB_Left	19.65	/	/	20.50	/	/	<=34.77	Pass
		Inner_1RB_Right	20.69	/	/	21.54	/	/	<=34.77	Pass
		Edge_1RB_Left	19.39	/	/	20.24	/	/	<=34.77	Pass
		Edge_1RB_Right	20.46	/	/	21.31	/	/	<=34.77	Pass
	690.5	Outer_Full	20.32	/	/	21.17	/	/	<=34.77	Pass
		Inner_Full	20.14	/	/	20.99	/	/	<=34.77	Pass
		Inner_1RB_Left	19.41	/	/	20.26	/	/	<=34.77	Pass
		Inner_1RB_Right	20.36	/	/	21.21	/	/	<=34.77	Pass
		Edge_1RB_Left	20.25	/	/	21.10	/	/	<=34.77	Pass
		Edge_1RB_Right	19.15	/	/	20.00	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	670.5	Outer_Full	18.95	/	/	19.80	/	/	<=34.77	Pass
		Inner_Full	18.39	/	/	19.24	/	/	<=34.77	Pass
		Inner_1RB_Left	20.23	/	/	21.08	/	/	<=34.77	Pass
		Inner_1RB_Right	19.32	/	/	20.17	/	/	<=34.77	Pass
		Edge_1RB_Left	16.37	/	/	17.22	/	/	<=34.77	Pass
		Edge_1RB_Right	17.93	/	/	18.78	/	/	<=34.77	Pass
	680.5	Outer_Full	18.27	/	/	19.12	/	/	<=34.77	Pass
		Inner_Full	18.61	/	/	19.46	/	/	<=34.77	Pass
		Inner_1RB_Left	16.73	/	/	17.58	/	/	<=34.77	Pass
		Inner_1RB_Right	17.84	/	/	18.69	/	/	<=34.77	Pass
		Edge_1RB_Left	16.72	/	/	17.57	/	/	<=34.77	Pass
		Edge_1RB_Right	17.66	/	/	18.51	/	/	<=34.77	Pass
	690.5	Outer_Full	18.22	/	/	19.07	/	/	<=34.77	Pass
		Inner_Full	18.12	/	/	18.97	/	/	<=34.77	Pass
		Inner_1RB_Left	16.78	/	/	17.63	/	/	<=34.77	Pass
		Inner_1RB_Right	17.79	/	/	18.64	/	/	<=34.77	Pass
		Edge_1RB_Left	17.53	/	/	18.38	/	/	<=34.77	Pass
		Edge_1RB_Right	16.49	/	/	17.34	/	/	<=34.77	Pass
CP-OFDM QPSK	670.5	Outer_Full	17.34	/	/	18.19	/	/	<=34.77	Pass
		Inner_Full	16.73	/	/	17.58	/	/	<=34.77	Pass
		Inner_1RB_Left	17.53	/	/	18.38	/	/	<=34.77	Pass
		Inner_1RB_Right	16.50	/	/	17.35	/	/	<=34.77	Pass
	670.5	Edge_1RB_Left	19.29	/	/	20.14	/	/	<=34.77	Pass
		Edge_1RB_Right	19.89	/	/	20.74	/	/	<=34.77	Pass
		Outer_Full	19.25	/	/	20.10	/	/	<=34.77	Pass
		Inner_Full	20.54	/	/	21.39	/	/	<=34.77	Pass

		Inner_1RB_Left	20.14	/	/	20.99	/	/	<=34.77	Pass
		Inner_1RB_Right	21.13	/	/	21.98	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.34	/	/	20.19	/	/	<=34.77	Pass
		Edge_1RB_Right	19.65	/	/	20.50	/	/	<=34.77	Pass
		Outer_Full	19.78	/	/	20.63	/	/	<=34.77	Pass
		Inner_Full	21.15	/	/	22.00	/	/	<=34.77	Pass
		Inner_1RB_Left	19.87	/	/	20.72	/	/	<=34.77	Pass
		Inner_1RB_Right	20.88	/	/	21.73	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	19.54	/	/	20.39	/	/	<=34.77	Pass
		Edge_1RB_Right	18.57	/	/	19.42	/	/	<=34.77	Pass
		Outer_Full	18.42	/	/	19.27	/	/	<=34.77	Pass
		Inner_Full	19.05	/	/	19.90	/	/	<=34.77	Pass
		Inner_1RB_Left	21.02	/	/	21.87	/	/	<=34.77	Pass
		Inner_1RB_Right	19.96	/	/	20.81	/	/	<=34.77	Pass
CP-OFDM 16 QAM	670.5	Edge_1RB_Left	18.51	/	/	19.36	/	/	<=34.77	Pass
		Edge_1RB_Right	19.92	/	/	20.77	/	/	<=34.77	Pass
		Outer_Full	19.21	/	/	20.06	/	/	<=34.77	Pass
		Inner_Full	20.23	/	/	21.08	/	/	<=34.77	Pass
		Inner_1RB_Left	19.36	/	/	20.21	/	/	<=34.77	Pass
		Inner_1RB_Right	20.42	/	/	21.27	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	18.66	/	/	19.51	/	/	<=34.77	Pass
		Edge_1RB_Right	19.76	/	/	20.61	/	/	<=34.77	Pass
		Outer_Full	19.79	/	/	20.64	/	/	<=34.77	Pass
		Inner_Full	20.81	/	/	21.66	/	/	<=34.77	Pass
		Inner_1RB_Left	19.17	/	/	20.02	/	/	<=34.77	Pass
		Inner_1RB_Right	20.22	/	/	21.07	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	19.58	/	/	20.43	/	/	<=34.77	Pass
		Edge_1RB_Right	18.50	/	/	19.35	/	/	<=34.77	Pass
		Outer_Full	18.36	/	/	19.21	/	/	<=34.77	Pass
		Inner_Full	18.69	/	/	19.54	/	/	<=34.77	Pass
		Inner_1RB_Left	20.83	/	/	21.68	/	/	<=34.77	Pass
		Inner_1RB_Right	19.54	/	/	20.39	/	/	<=34.77	Pass
CP-OFDM 64 QAM	670.5	Edge_1RB_Left	18.11	/	/	18.96	/	/	<=34.77	Pass
		Edge_1RB_Right	19.46	/	/	20.31	/	/	<=34.77	Pass
		Outer_Full	18.79	/	/	19.64	/	/	<=34.77	Pass
		Inner_Full	18.90	/	/	19.75	/	/	<=34.77	Pass
		Inner_1RB_Left	18.41	/	/	19.26	/	/	<=34.77	Pass
		Inner_1RB_Right	19.59	/	/	20.44	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	18.30	/	/	19.15	/	/	<=34.77	Pass
		Edge_1RB_Right	19.32	/	/	20.17	/	/	<=34.77	Pass
		Outer_Full	19.26	/	/	20.11	/	/	<=34.77	Pass
		Inner_Full	19.13	/	/	19.98	/	/	<=34.77	Pass
		Inner_1RB_Left	18.31	/	/	19.16	/	/	<=34.77	Pass
		Inner_1RB_Right	19.35	/	/	20.20	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	19.17	/	/	20.02	/	/	<=34.77	Pass
		Edge_1RB_Right	18.13	/	/	18.98	/	/	<=34.77	Pass
		Outer_Full	17.94	/	/	18.79	/	/	<=34.77	Pass
		Inner_Full	17.19	/	/	18.04	/	/	<=34.77	Pass
		Inner_1RB_Left	19.21	/	/	20.06	/	/	<=34.77	Pass
		Inner_1RB_Right	18.22	/	/	19.07	/	/	<=34.77	Pass
CP-OFDM 256 QAM	670.5	Edge_1RB_Left	14.84	/	/	15.69	/	/	<=34.77	Pass
		Edge_1RB_Right	16.09	/	/	16.94	/	/	<=34.77	Pass
		Outer_Full	16.15	/	/	17.00	/	/	<=34.77	Pass
		Inner_Full	16.51	/	/	17.36	/	/	<=34.77	Pass
		Inner_1RB_Left	15.15	/	/	16.00	/	/	<=34.77	Pass
		Inner_1RB_Right	16.06	/	/	16.91	/	/	<=34.77	Pass

	680.5	Edge_1RB_Left	15.32	/	/	16.17	/	/	<=34.77	Pass
		Edge_1RB_Right	15.80	/	/	16.65	/	/	<=34.77	Pass
		Outer_Full	16.27	/	/	17.12	/	/	<=34.77	Pass
		Inner_Full	16.18	/	/	17.03	/	/	<=34.77	Pass
		Inner_1RB_Left	15.36	/	/	16.21	/	/	<=34.77	Pass
		Inner_1RB_Right	15.88	/	/	16.73	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	15.64	/	/	16.49	/	/	<=34.77	Pass
		Edge_1RB_Right	14.59	/	/	15.44	/	/	<=34.77	Pass
		Outer_Full	15.27	/	/	16.12	/	/	<=34.77	Pass
		Inner_Full	14.57	/	/	15.42	/	/	<=34.77	Pass
		Inner_1RB_Left	15.61	/	/	16.46	/	/	<=34.77	Pass
		Inner_1RB_Right	14.64	/	/	15.49	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant0: 3.00dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.4 15_S_20M_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	673	Edge_1RB_Left	21.06	/	/	21.91	/	/	<=34.77	Pass
		Edge_1RB_Right	21.58	/	/	22.43	/	/	<=34.77	Pass
		Outer_Full	21.96	/	/	22.81	/	/	<=34.77	Pass
		Inner_Full	21.73	/	/	22.58	/	/	<=34.77	Pass
		Inner_1RB_Left	22.01	/	/	22.86	/	/	<=34.77	Pass
		Inner_1RB_Right	21.53	/	/	22.38	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.30	/	/	22.15	/	/	<=34.77	Pass
		Edge_1RB_Right	20.73	/	/	21.58	/	/	<=34.77	Pass
		Outer_Full	21.74	/	/	22.59	/	/	<=34.77	Pass
		Inner_Full	21.68	/	/	22.53	/	/	<=34.77	Pass
		Inner_1RB_Left	21.69	/	/	22.54	/	/	<=34.77	Pass
		Inner_1RB_Right	21.31	/	/	22.16	/	/	<=34.77	Pass
	688	Edge_1RB_Left	21.55	/	/	22.40	/	/	<=34.77	Pass
		Edge_1RB_Right	20.54	/	/	21.39	/	/	<=34.77	Pass
		Outer_Full	21.43	/	/	22.28	/	/	<=34.77	Pass
		Inner_Full	21.53	/	/	22.38	/	/	<=34.77	Pass
		Inner_1RB_Left	21.47	/	/	22.32	/	/	<=34.77	Pass
		Inner_1RB_Right	20.56	/	/	21.41	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	673	Edge_1RB_Left	21.69	/	/	22.54	/	/	<=34.77	Pass
		Edge_1RB_Right	21.44	/	/	22.29	/	/	<=34.77	Pass
		Outer_Full	21.32	/	/	22.17	/	/	<=34.77	Pass
		Inner_Full	21.64	/	/	22.49	/	/	<=34.77	Pass
		Inner_1RB_Left	21.83	/	/	22.68	/	/	<=34.77	Pass
		Inner_1RB_Right	21.49	/	/	22.34	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.73	/	/	22.58	/	/	<=34.77	Pass
		Edge_1RB_Right	21.25	/	/	22.10	/	/	<=34.77	Pass
		Outer_Full	21.83	/	/	22.68	/	/	<=34.77	Pass
		Inner_Full	21.77	/	/	22.62	/	/	<=34.77	Pass
		Inner_1RB_Left	21.67	/	/	22.52	/	/	<=34.77	Pass
		Inner_1RB_Right	21.32	/	/	22.17	/	/	<=34.77	Pass
	688	Edge_1RB_Left	21.47	/	/	22.32	/	/	<=34.77	Pass
		Edge_1RB_Right	20.54	/	/	21.39	/	/	<=34.77	Pass
		Outer_Full	21.00	/	/	21.85	/	/	<=34.77	Pass
		Inner_Full	21.49	/	/	22.34	/	/	<=34.77	Pass

DFT-s-OFDM 16 QAM	673	Inner_1RB_Left	21.37	/	/	22.22	/	/	<=34.77	Pass
		Inner_1RB_Right	20.39	/	/	21.24	/	/	<=34.77	Pass
		Edge_1RB_Left	20.40	/	/	21.25	/	/	<=34.77	Pass
		Edge_1RB_Right	20.45	/	/	21.30	/	/	<=34.77	Pass
		Outer_Full	20.32	/	/	21.17	/	/	<=34.77	Pass
		Inner_Full	20.70	/	/	21.55	/	/	<=34.77	Pass
	680.5	Inner_1RB_Left	20.73	/	/	21.58	/	/	<=34.77	Pass
		Inner_1RB_Right	21.42	/	/	22.27	/	/	<=34.77	Pass
		Edge_1RB_Left	20.70	/	/	21.55	/	/	<=34.77	Pass
		Edge_1RB_Right	20.22	/	/	21.07	/	/	<=34.77	Pass
		Outer_Full	20.82	/	/	21.67	/	/	<=34.77	Pass
		Inner_Full	21.76	/	/	22.61	/	/	<=34.77	Pass
	688	Inner_1RB_Left	20.64	/	/	21.49	/	/	<=34.77	Pass
		Inner_1RB_Right	20.29	/	/	21.14	/	/	<=34.77	Pass
		Edge_1RB_Left	20.42	/	/	21.27	/	/	<=34.77	Pass
		Edge_1RB_Right	19.47	/	/	20.32	/	/	<=34.77	Pass
		Outer_Full	19.98	/	/	20.83	/	/	<=34.77	Pass
		Inner_Full	20.87	/	/	21.72	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	673	Inner_1RB_Left	21.43	/	/	22.28	/	/	<=34.77	Pass
		Inner_1RB_Right	20.45	/	/	21.30	/	/	<=34.77	Pass
		Edge_1RB_Left	19.43	/	/	20.28	/	/	<=34.77	Pass
		Edge_1RB_Right	20.24	/	/	21.09	/	/	<=34.77	Pass
		Outer_Full	19.90	/	/	20.75	/	/	<=34.77	Pass
		Inner_Full	19.29	/	/	20.14	/	/	<=34.77	Pass
	680.5	Inner_1RB_Left	19.72	/	/	20.57	/	/	<=34.77	Pass
		Inner_1RB_Right	20.19	/	/	21.04	/	/	<=34.77	Pass
		Edge_1RB_Left	19.92	/	/	20.77	/	/	<=34.77	Pass
		Edge_1RB_Right	19.37	/	/	20.22	/	/	<=34.77	Pass
		Outer_Full	20.41	/	/	21.26	/	/	<=34.77	Pass
		Inner_Full	20.24	/	/	21.09	/	/	<=34.77	Pass
	688	Inner_1RB_Left	19.88	/	/	20.73	/	/	<=34.77	Pass
		Inner_1RB_Right	19.45	/	/	20.30	/	/	<=34.77	Pass
		Edge_1RB_Left	19.95	/	/	20.80	/	/	<=34.77	Pass
		Edge_1RB_Right	19.21	/	/	20.06	/	/	<=34.77	Pass
		Outer_Full	19.58	/	/	20.43	/	/	<=34.77	Pass
		Inner_Full	19.55	/	/	20.40	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	673	Inner_1RB_Left	20.17	/	/	21.02	/	/	<=34.77	Pass
		Inner_1RB_Right	20.31	/	/	20.16	/	/	<=34.77	Pass
		Edge_1RB_Left	15.66	/	/	16.51	/	/	<=34.77	Pass
		Edge_1RB_Right	17.61	/	/	18.46	/	/	<=34.77	Pass
		Outer_Full	18.35	/	/	19.20	/	/	<=34.77	Pass
		Inner_Full	17.69	/	/	18.54	/	/	<=34.77	Pass
	680.5	Inner_1RB_Left	16.60	/	/	17.45	/	/	<=34.77	Pass
		Inner_1RB_Right	17.57	/	/	18.42	/	/	<=34.77	Pass
		Edge_1RB_Left	16.71	/	/	17.56	/	/	<=34.77	Pass
		Edge_1RB_Right	15.96	/	/	16.81	/	/	<=34.77	Pass
		Outer_Full	18.25	/	/	19.10	/	/	<=34.77	Pass
		Inner_Full	18.17	/	/	19.02	/	/	<=34.77	Pass
	688	Inner_1RB_Left	17.23	/	/	18.08	/	/	<=34.77	Pass
		Inner_1RB_Right	16.59	/	/	17.44	/	/	<=34.77	Pass
		Edge_1RB_Left	17.54	/	/	18.39	/	/	<=34.77	Pass
		Edge_1RB_Right	16.69	/	/	17.54	/	/	<=34.77	Pass
		Outer_Full	17.82	/	/	18.67	/	/	<=34.77	Pass
		Inner_Full	17.93	/	/	18.78	/	/	<=34.77	Pass
		Inner_1RB_Left	17.48	/	/	18.33	/	/	<=34.77	Pass
		Inner_1RB_Right	16.73	/	/	17.58	/	/	<=34.77	Pass

CP-OFDM QPSK	673	Edge_1RB_Left	19.38	/	/	20.23	/	/	<=34.77	Pass
		Edge_1RB_Right	19.52	/	/	20.37	/	/	<=34.77	Pass
		Outer_Full	19.40	/	/	20.25	/	/	<=34.77	Pass
		Inner_Full	19.95	/	/	20.80	/	/	<=34.77	Pass
		Inner_1RB_Left	20.22	/	/	21.07	/	/	<=34.77	Pass
		Inner_1RB_Right	21.00	/	/	21.85	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.86	/	/	20.71	/	/	<=34.77	Pass
		Edge_1RB_Right	19.37	/	/	20.22	/	/	<=34.77	Pass
		Outer_Full	19.73	/	/	20.58	/	/	<=34.77	Pass
		Inner_Full	21.26	/	/	22.11	/	/	<=34.77	Pass
		Inner_1RB_Left	20.25	/	/	21.10	/	/	<=34.77	Pass
		Inner_1RB_Right	19.92	/	/	20.77	/	/	<=34.77	Pass
	688	Edge_1RB_Left	19.76	/	/	20.61	/	/	<=34.77	Pass
		Edge_1RB_Right	18.61	/	/	19.46	/	/	<=34.77	Pass
		Outer_Full	18.96	/	/	19.81	/	/	<=34.77	Pass
		Inner_Full	19.96	/	/	20.81	/	/	<=34.77	Pass
		Inner_1RB_Left	20.99	/	/	21.84	/	/	<=34.77	Pass
CP-OFDM 16 QAM	673	Edge_1RB_Left	18.58	/	/	19.43	/	/	<=34.77	Pass
		Edge_1RB_Right	19.44	/	/	20.29	/	/	<=34.77	Pass
		Outer_Full	19.33	/	/	20.18	/	/	<=34.77	Pass
		Inner_Full	19.59	/	/	20.44	/	/	<=34.77	Pass
		Inner_1RB_Left	19.56	/	/	20.41	/	/	<=34.77	Pass
	680.5	Inner_1RB_Right	20.45	/	/	21.30	/	/	<=34.77	Pass
		Edge_1RB_Left	19.20	/	/	20.05	/	/	<=34.77	Pass
		Edge_1RB_Right	18.65	/	/	19.50	/	/	<=34.77	Pass
		Outer_Full	19.64	/	/	20.49	/	/	<=34.77	Pass
		Inner_Full	20.74	/	/	21.59	/	/	<=34.77	Pass
	688	Inner_1RB_Left	19.61	/	/	20.46	/	/	<=34.77	Pass
		Inner_1RB_Right	19.24	/	/	20.09	/	/	<=34.77	Pass
		Edge_1RB_Left	19.66	/	/	20.51	/	/	<=34.77	Pass
		Edge_1RB_Right	18.92	/	/	19.77	/	/	<=34.77	Pass
		Outer_Full	18.87	/	/	19.72	/	/	<=34.77	Pass
CP-OFDM 64 QAM	673	Inner_Full	19.65	/	/	20.50	/	/	<=34.77	Pass
		Inner_1RB_Left	20.54	/	/	21.39	/	/	<=34.77	Pass
		Inner_1RB_Right	19.80	/	/	20.65	/	/	<=34.77	Pass
		Edge_1RB_Left	17.93	/	/	18.78	/	/	<=34.77	Pass
		Edge_1RB_Right	19.10	/	/	19.95	/	/	<=34.77	Pass
	680.5	Outer_Full	18.89	/	/	19.74	/	/	<=34.77	Pass
		Inner_Full	18.25	/	/	19.10	/	/	<=34.77	Pass
		Inner_1RB_Left	18.47	/	/	19.32	/	/	<=34.77	Pass
		Inner_1RB_Right	19.08	/	/	19.93	/	/	<=34.77	Pass
		Edge_1RB_Left	18.86	/	/	19.71	/	/	<=34.77	Pass
	688	Edge_1RB_Right	18.29	/	/	19.14	/	/	<=34.77	Pass
		Outer_Full	19.25	/	/	20.10	/	/	<=34.77	Pass
		Inner_Full	19.27	/	/	20.12	/	/	<=34.77	Pass
		Inner_1RB_Left	18.77	/	/	19.62	/	/	<=34.77	Pass
		Inner_1RB_Right	18.41	/	/	19.26	/	/	<=34.77	Pass
CP-OFDM 256 QAM	673	Edge_1RB_Left	19.24	/	/	20.09	/	/	<=34.77	Pass
		Edge_1RB_Right	18.18	/	/	19.03	/	/	<=34.77	Pass
		Outer_Full	18.48	/	/	19.33	/	/	<=34.77	Pass
		Inner_Full	18.31	/	/	19.16	/	/	<=34.77	Pass
		Inner_1RB_Left	18.94	/	/	19.79	/	/	<=34.77	Pass
	680.5	Inner_1RB_Right	18.18	/	/	19.03	/	/	<=34.77	Pass
		Edge_1RB_Left	14.28	/	/	15.13	/	/	<=34.77	Pass
		Edge_1RB_Right	15.77	/	/	16.62	/	/	<=34.77	Pass

		Outer_Full	16.33	/	/	17.18	/	/	<=34.77	Pass
		Inner_Full	15.70	/	/	16.55	/	/	<=34.77	Pass
		Inner_1RB_Left	14.57	/	/	15.42	/	/	<=34.77	Pass
		Inner_1RB_Right	15.80	/	/	16.65	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	15.39	/	/	16.24	/	/	<=34.77	Pass
		Edge_1RB_Right	14.57	/	/	15.42	/	/	<=34.77	Pass
		Outer_Full	16.26	/	/	17.11	/	/	<=34.77	Pass
		Inner_Full	16.24	/	/	17.09	/	/	<=34.77	Pass
	688	Inner_1RB_Left	15.32	/	/	16.17	/	/	<=34.77	Pass
		Inner_1RB_Right	14.72	/	/	15.57	/	/	<=34.77	Pass
		Edge_1RB_Left	15.67	/	/	16.52	/	/	<=34.77	Pass
		Edge_1RB_Right	14.80	/	/	15.65	/	/	<=34.77	Pass
		Outer_Full	15.88	/	/	16.73	/	/	<=34.77	Pass
		Inner_Full	15.80	/	/	16.65	/	/	<=34.77	Pass
		Inner_1RB_Left	15.60	/	/	16.45	/	/	<=34.77	Pass
		Inner_1RB_Right	14.78	/	/	15.63	/	/	<=34.77	Pass

Note1: Antenna Gain: Ant0: 3.00dBi;

Note2: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 15_S_20M

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	-11.00	-0.0162	>=-2.5 & <=2.5	Pass
				HV	-5.00	-0.0073	>=-2.5 & <=2.5	Pass
			0	NV	-9.00	-0.0132	>=-2.5 & <=2.5	Pass
			10	NV	-4.60	-0.0068	>=-2.5 & <=2.5	Pass
			20	NV	-13.10	-0.0193	>=-2.5 & <=2.5	Pass
			30	NV	-17.40	-0.0256	>=-2.5 & <=2.5	Pass
			40	NV	-12.90	-0.0190	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15_S_5M_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	4.54	5.21	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	4.52	5.21	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	4.55	5.21	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	4.55	5.21	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	4.53	5.21	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	4.53	5.28	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	4.60	5.39	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	4.55	5.22	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	4.54	5.33	/	Pass

3.1.2 15_S_10M_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	8.95	9.81	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	8.98	9.91	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	8.98	9.84	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	8.95	9.87	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	8.95	9.96	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	9.28	10.43	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	9.30	10.36	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	9.27	10.17	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	9.31	10.26	/	Pass

3.1.3 15_S_15M_NTNV

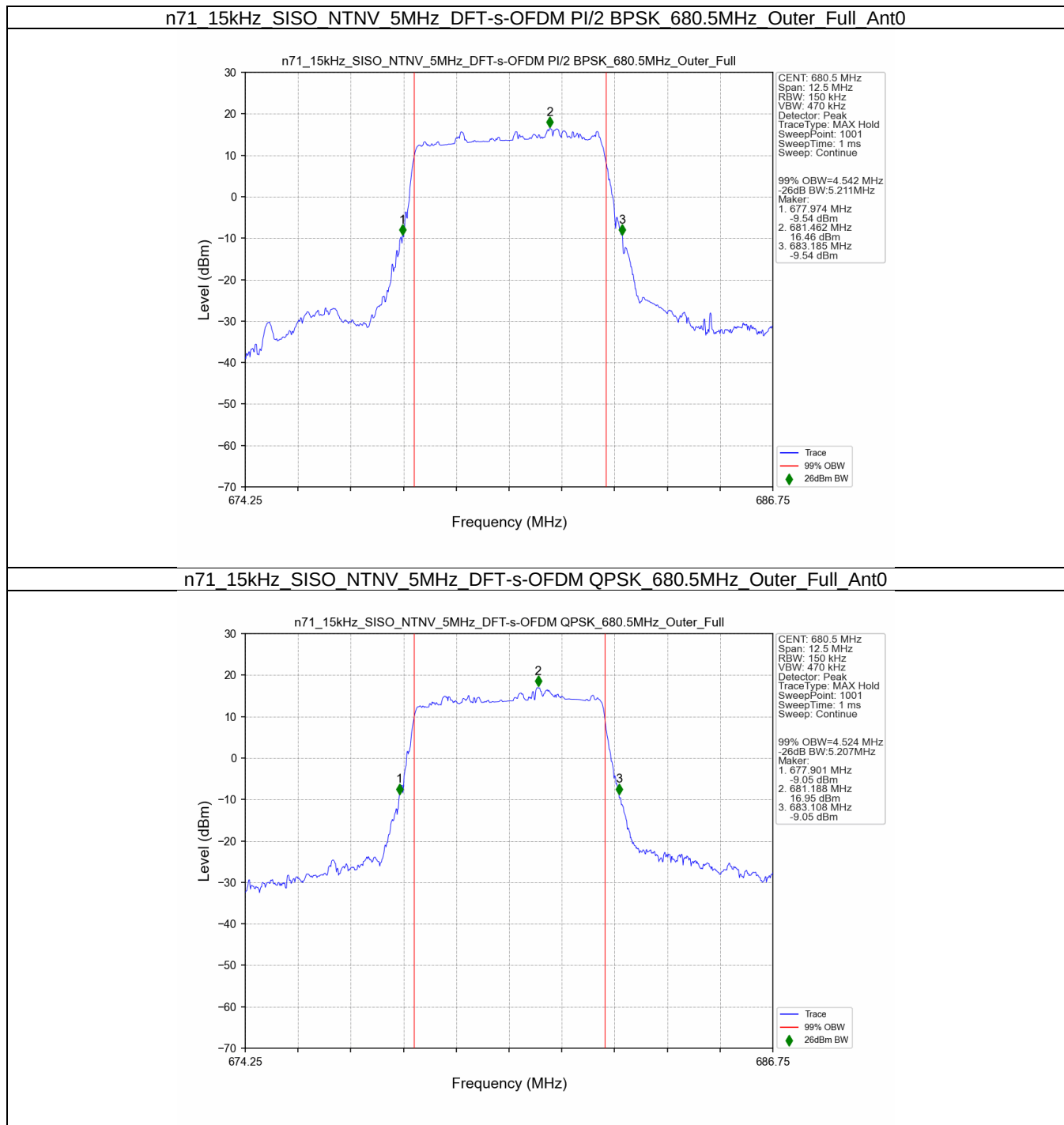
5G NR n71 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	680.5	Outer_Full	13.39	14.73	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	13.45	14.60	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	13.50	14.55	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	13.37	14.61	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	13.40	14.71	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	14.08	15.25	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	14.11	15.36	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	14.14	15.42	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	14.06	15.27	/	Pass

3.1.4 15_S_20M_NTNV

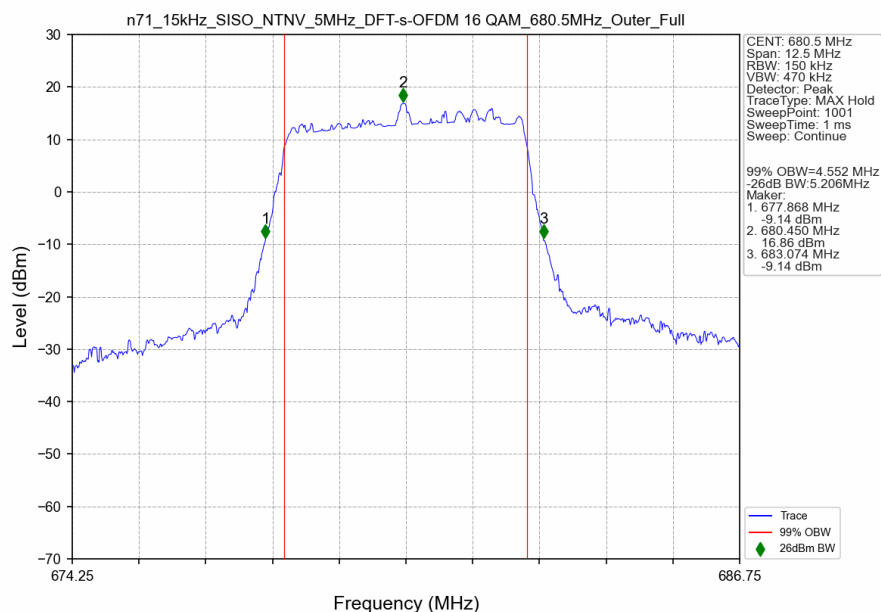
5G NR n71 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	680.5	Outer_Full	17.88	19.30	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	17.82	19.31	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	17.79	19.33	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	17.81	19.29	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	17.79	19.23	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	18.81	20.33	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	18.88	20.43	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	18.89	20.33	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	18.95	20.51	/	Pass

3.2 Test Graph

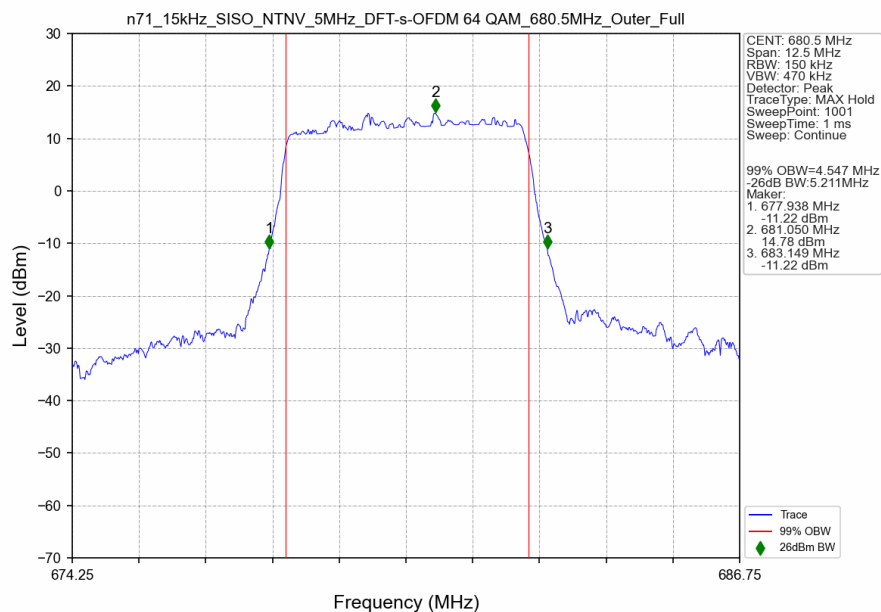
3.2.1 15_S_5M_NTNV



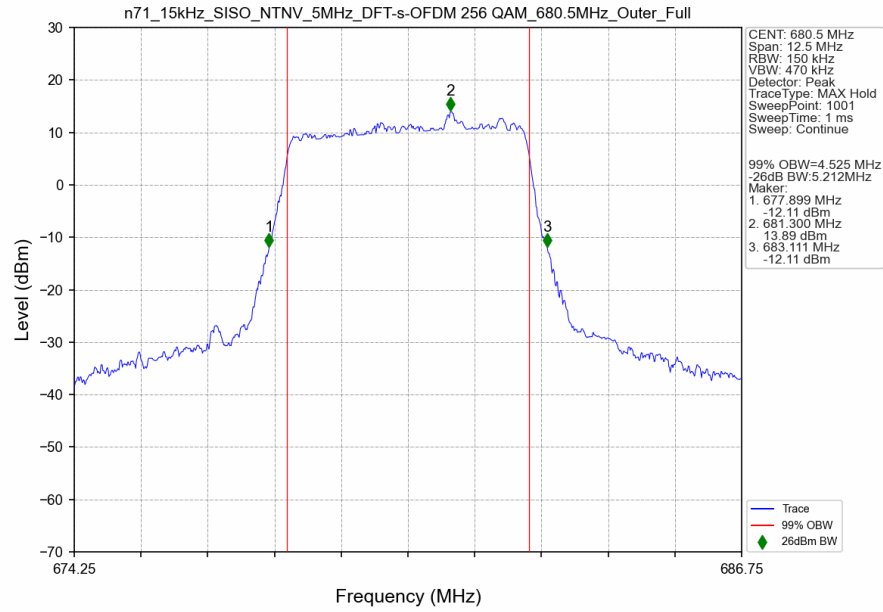
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM 680.5MHz_Outer_Full_Ant0



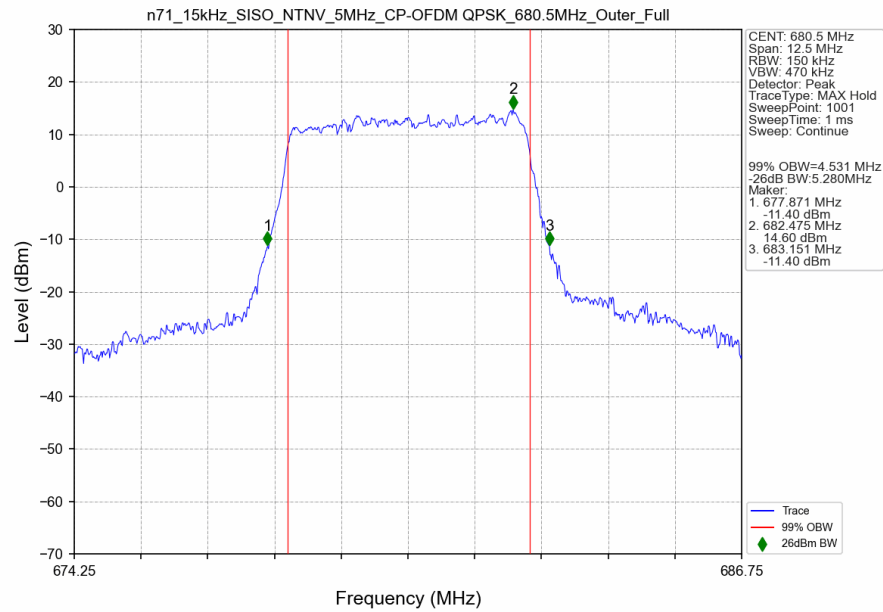
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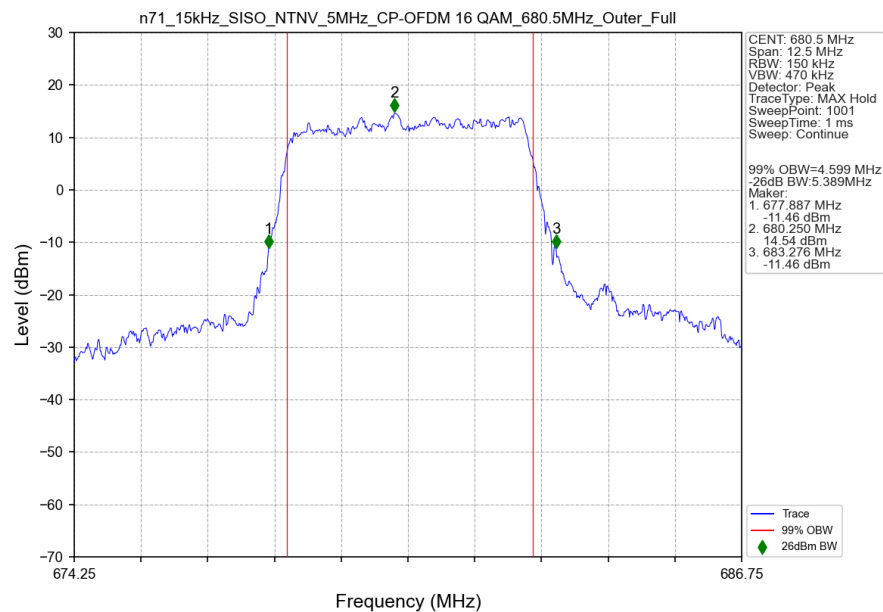
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_680.5MHz_Outer_Full_Ant0



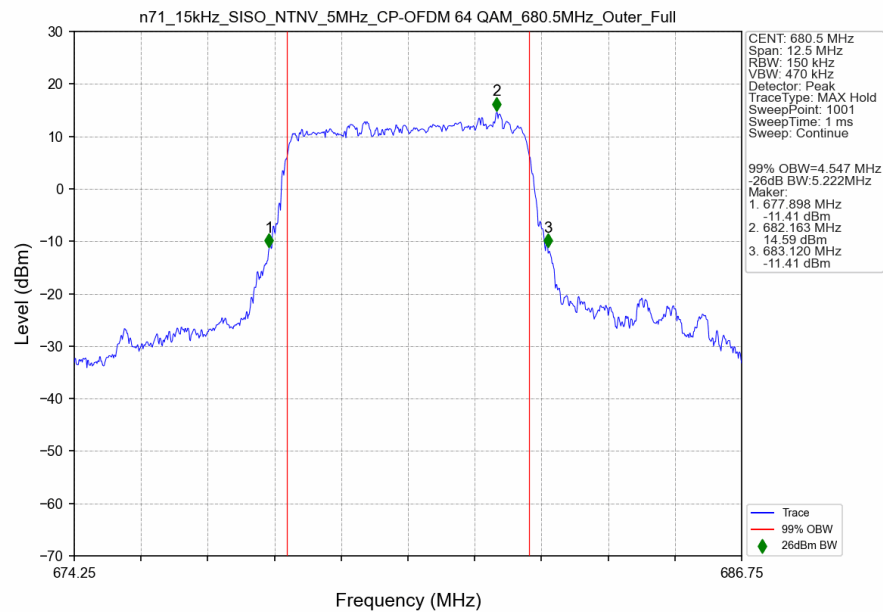
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_680.5MHz_Outer_Full_Ant0



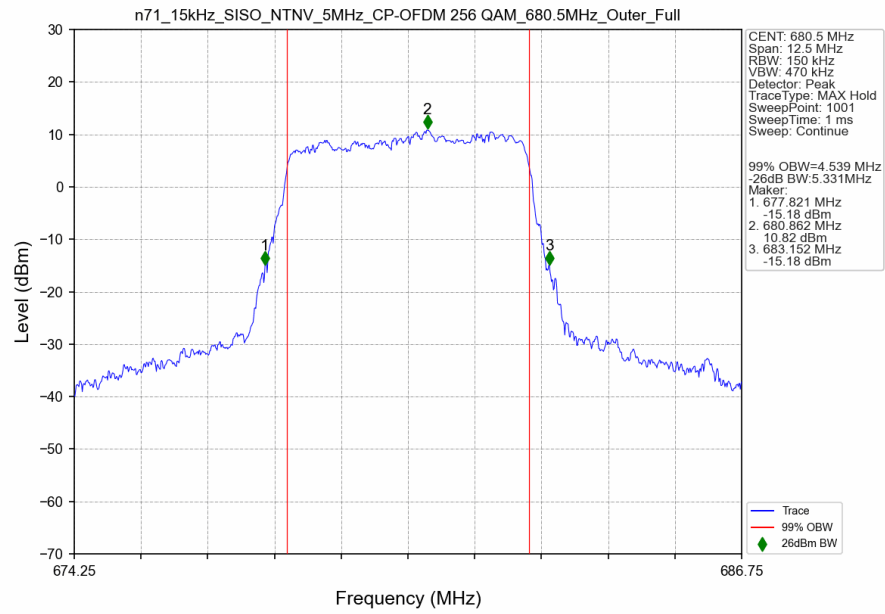
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 680.5MHz_Outer_Full_Ant0



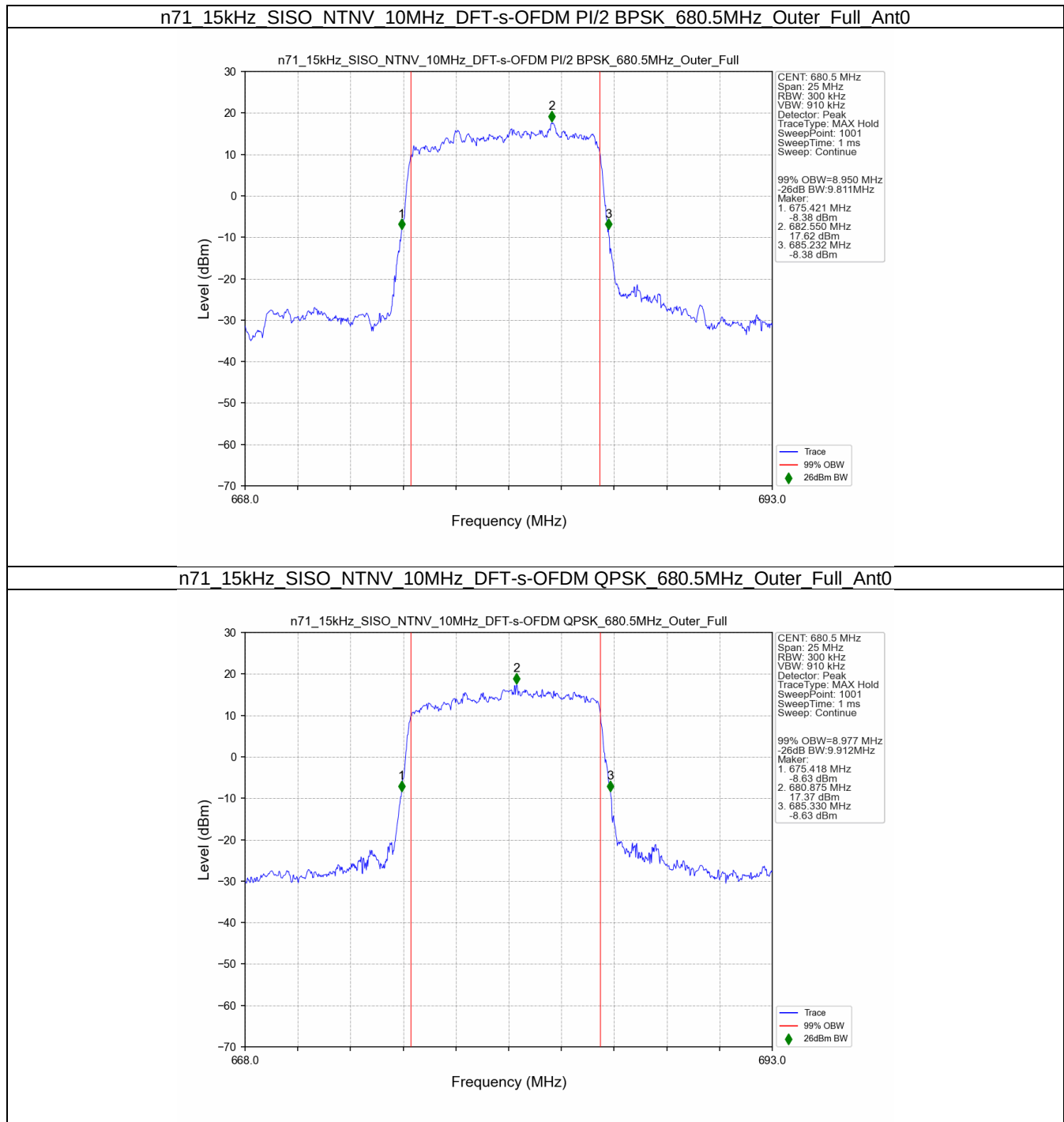
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 680.5MHz_Outer_Full_Ant0



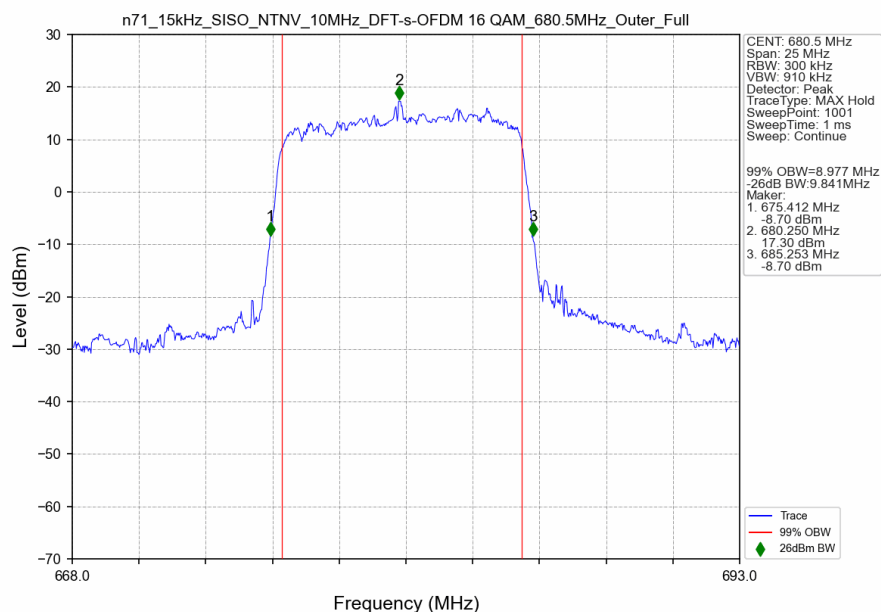
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_680.5MHz_Outer_Full_Ant0



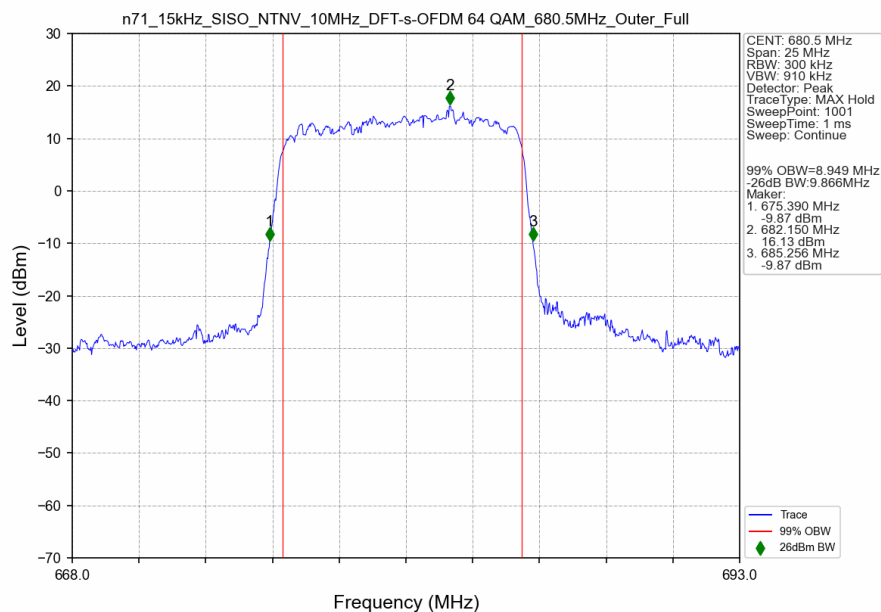
3.2.2 15_S_10M_NTNV



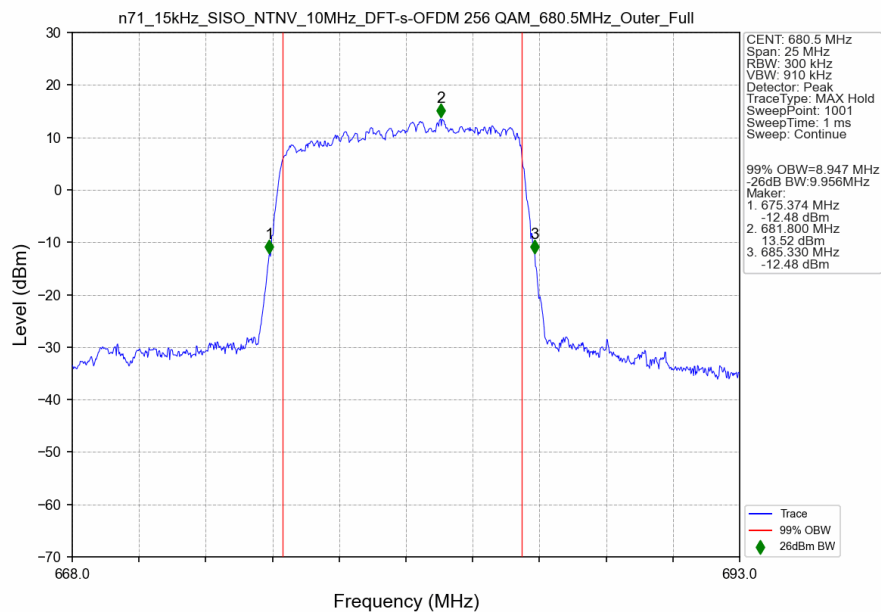
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



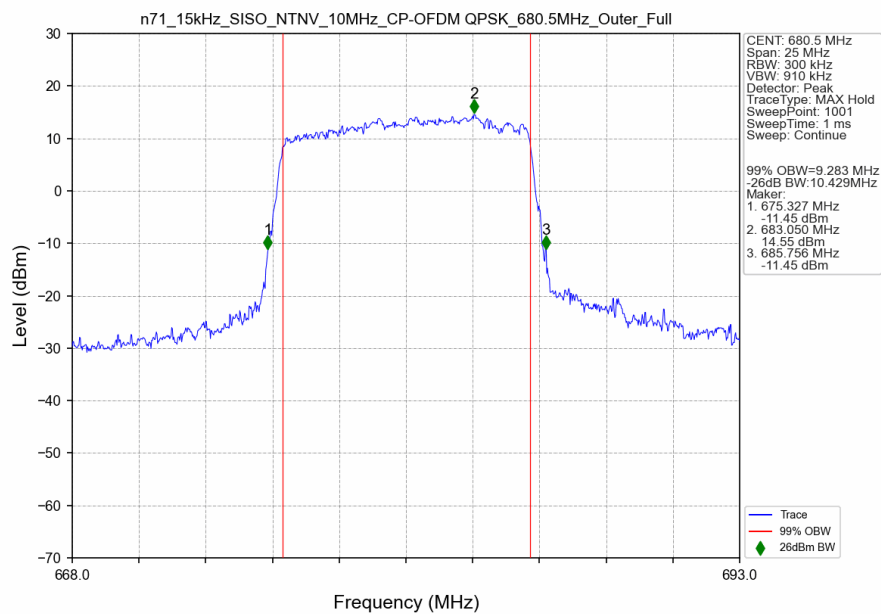
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_680.5MHz_Outer_Full_Ant0



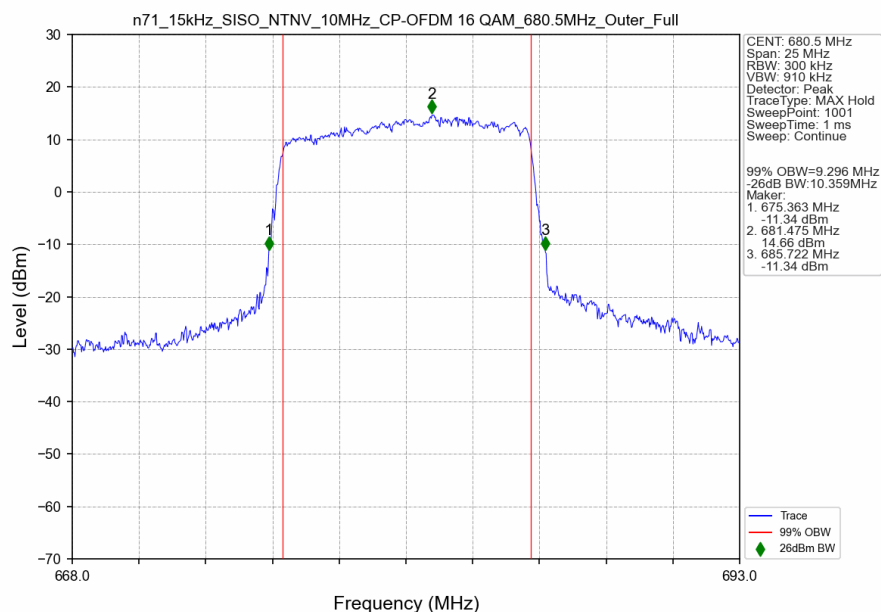
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM 680.5MHz_Outer_Full_Ant0



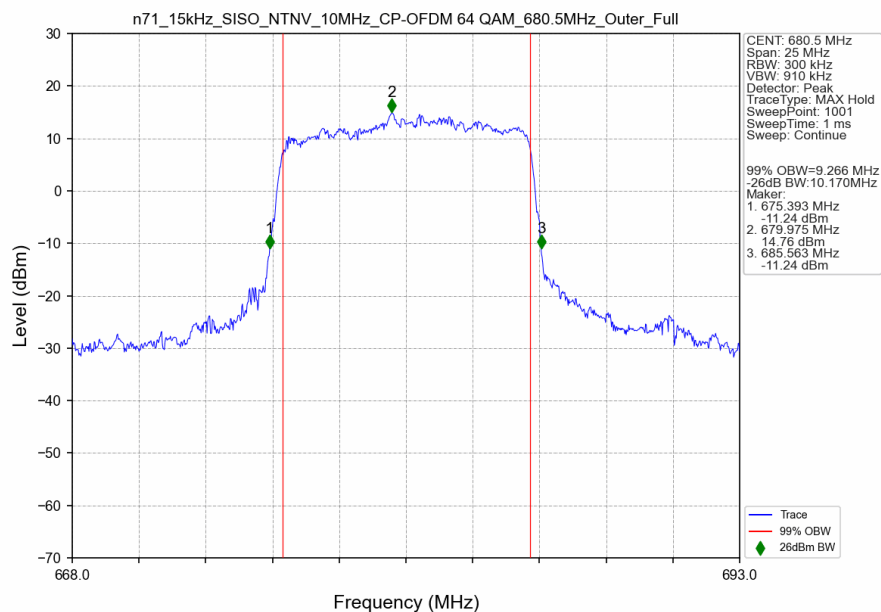
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK 680.5MHz_Outer_Full_Ant0



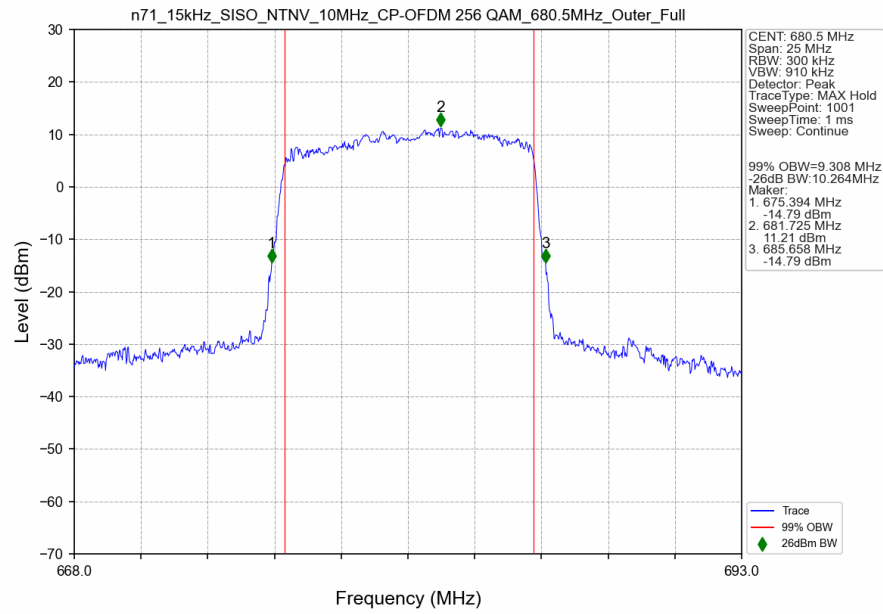
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



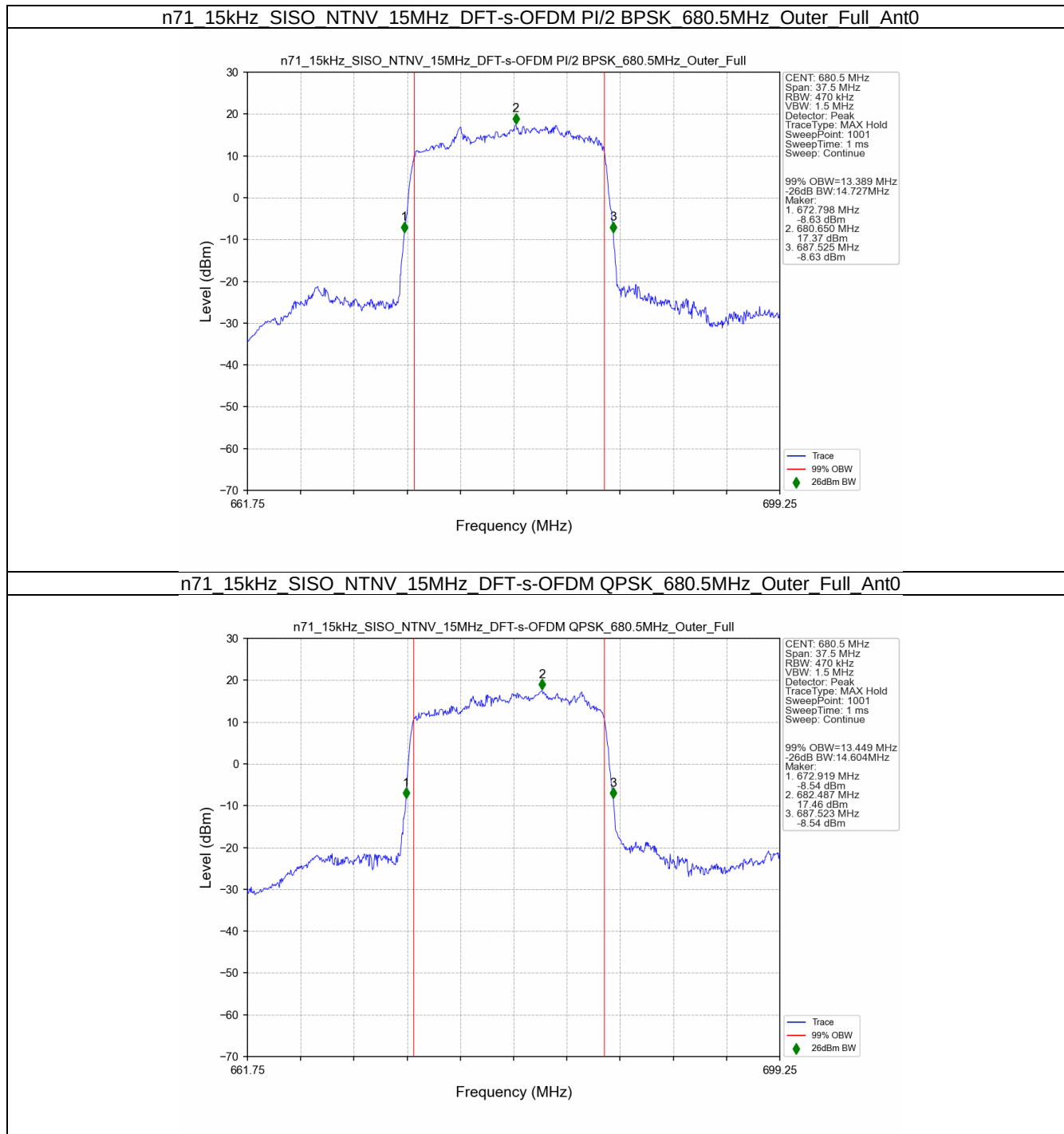
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_680.5MHz_Outer_Full_Ant0



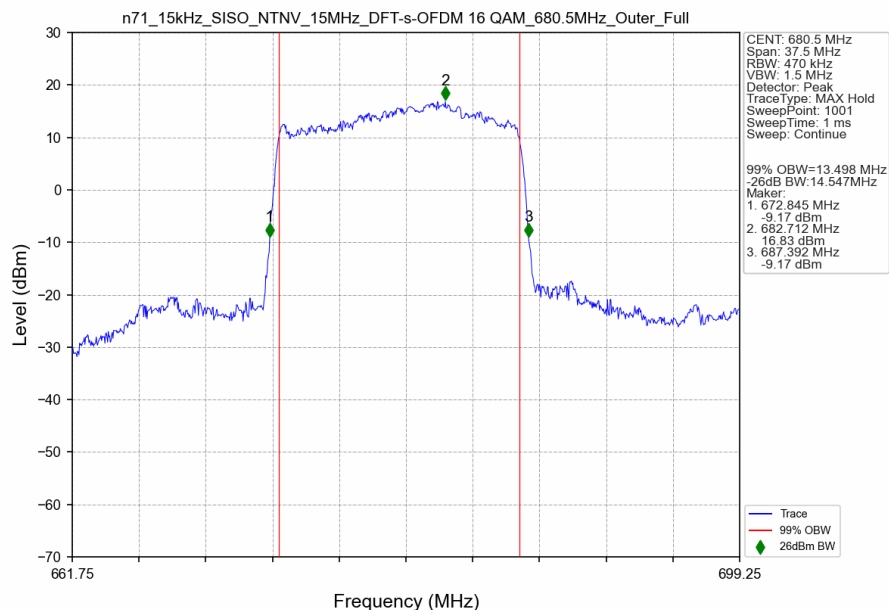
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 680.5MHz_Outer_Full_Ant0



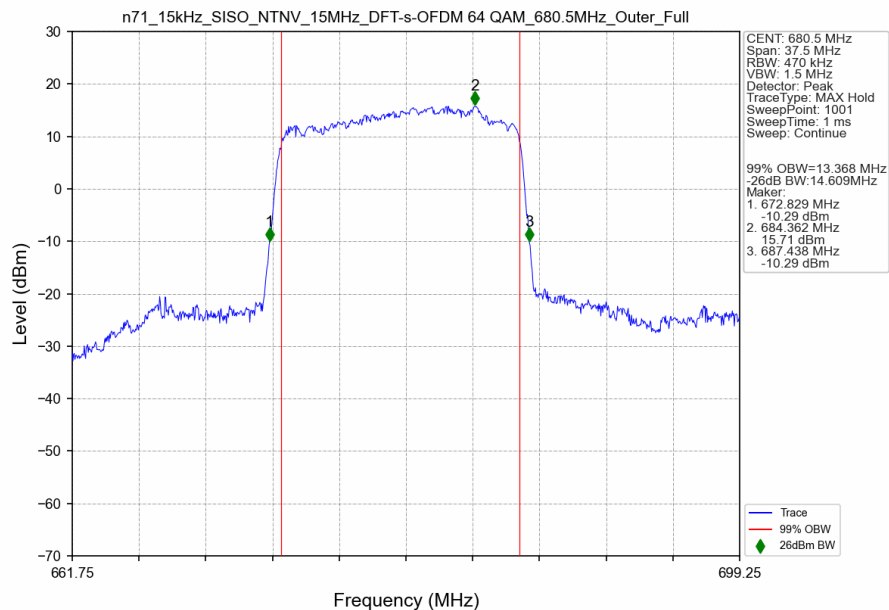
3.2.3 15_S_15M_NTNV



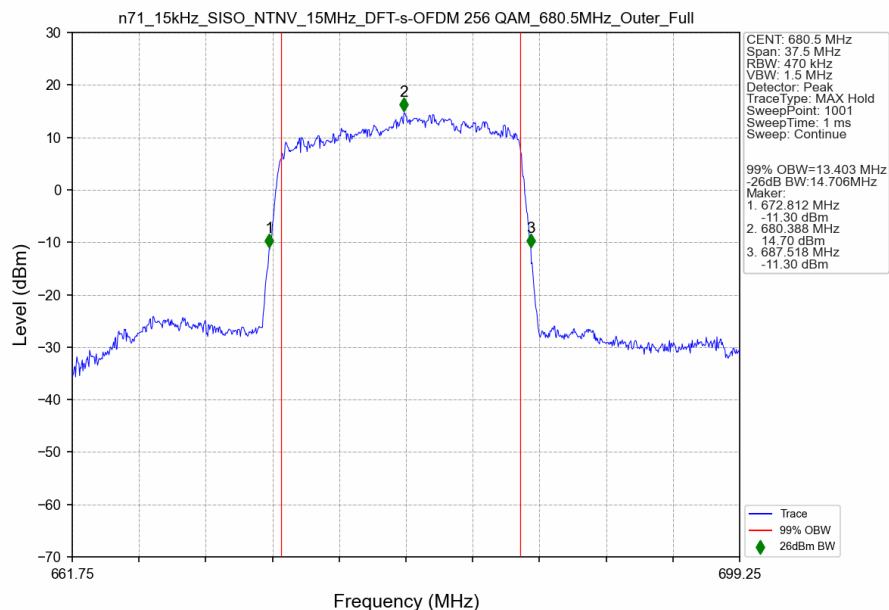
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



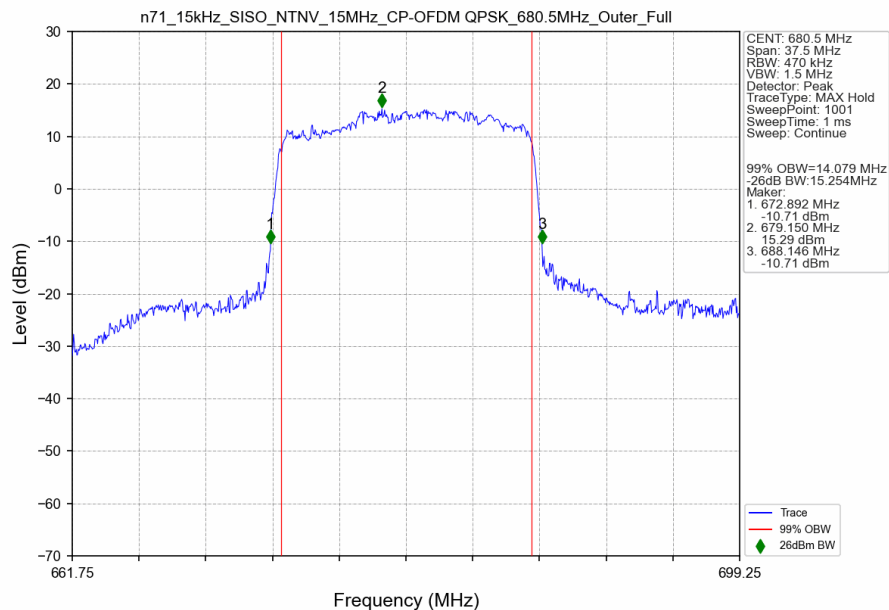
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_680.5MHz_Outer_Full_Ant0



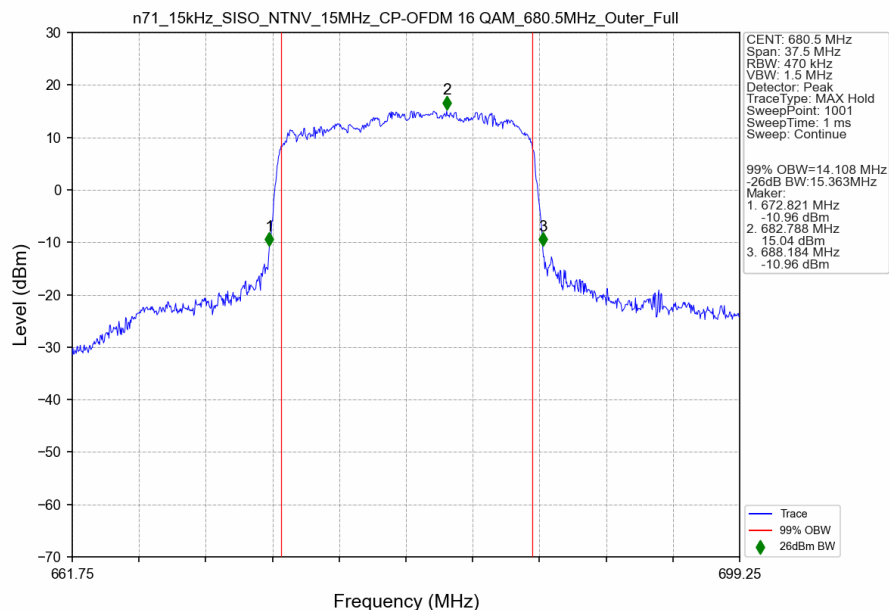
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM 680.5MHz_Outer_Full_Ant0



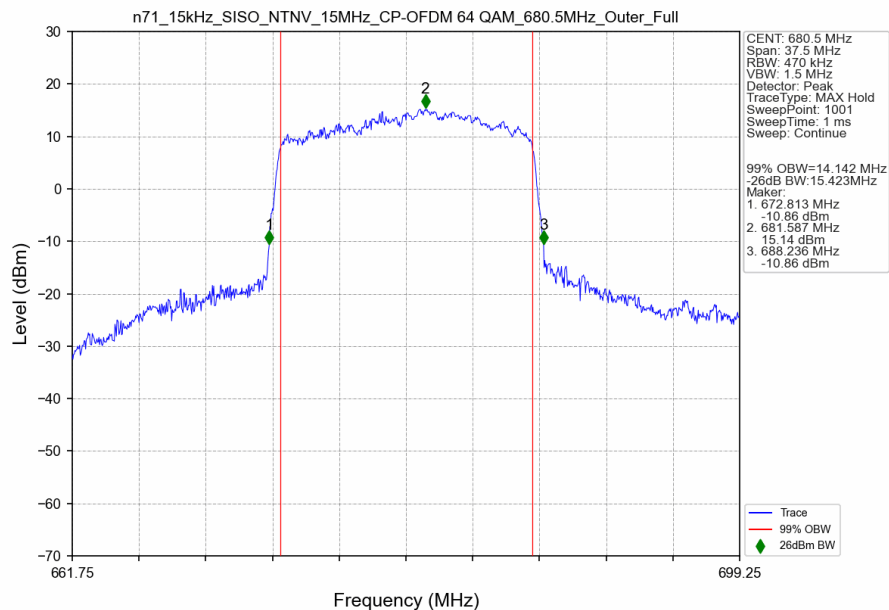
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK 680.5MHz_Outer_Full_Ant0



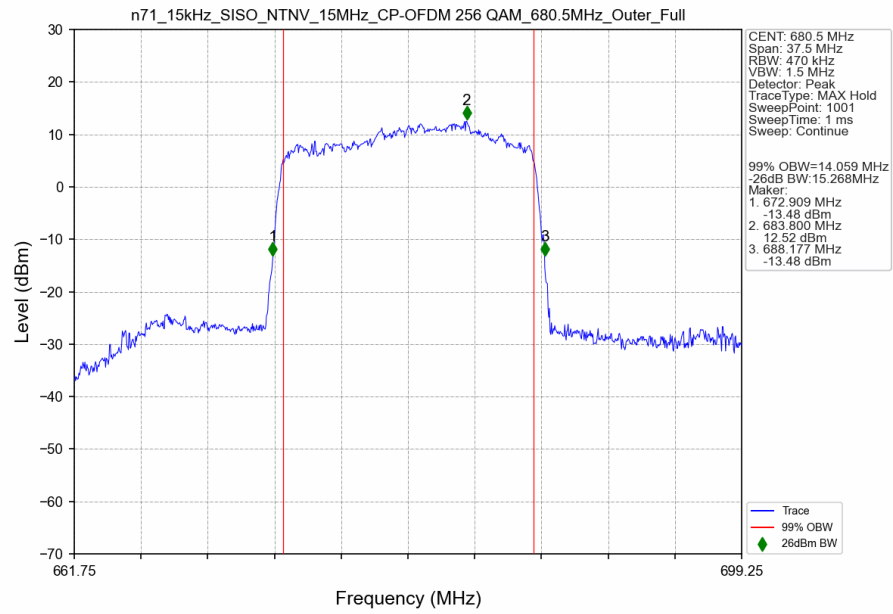
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



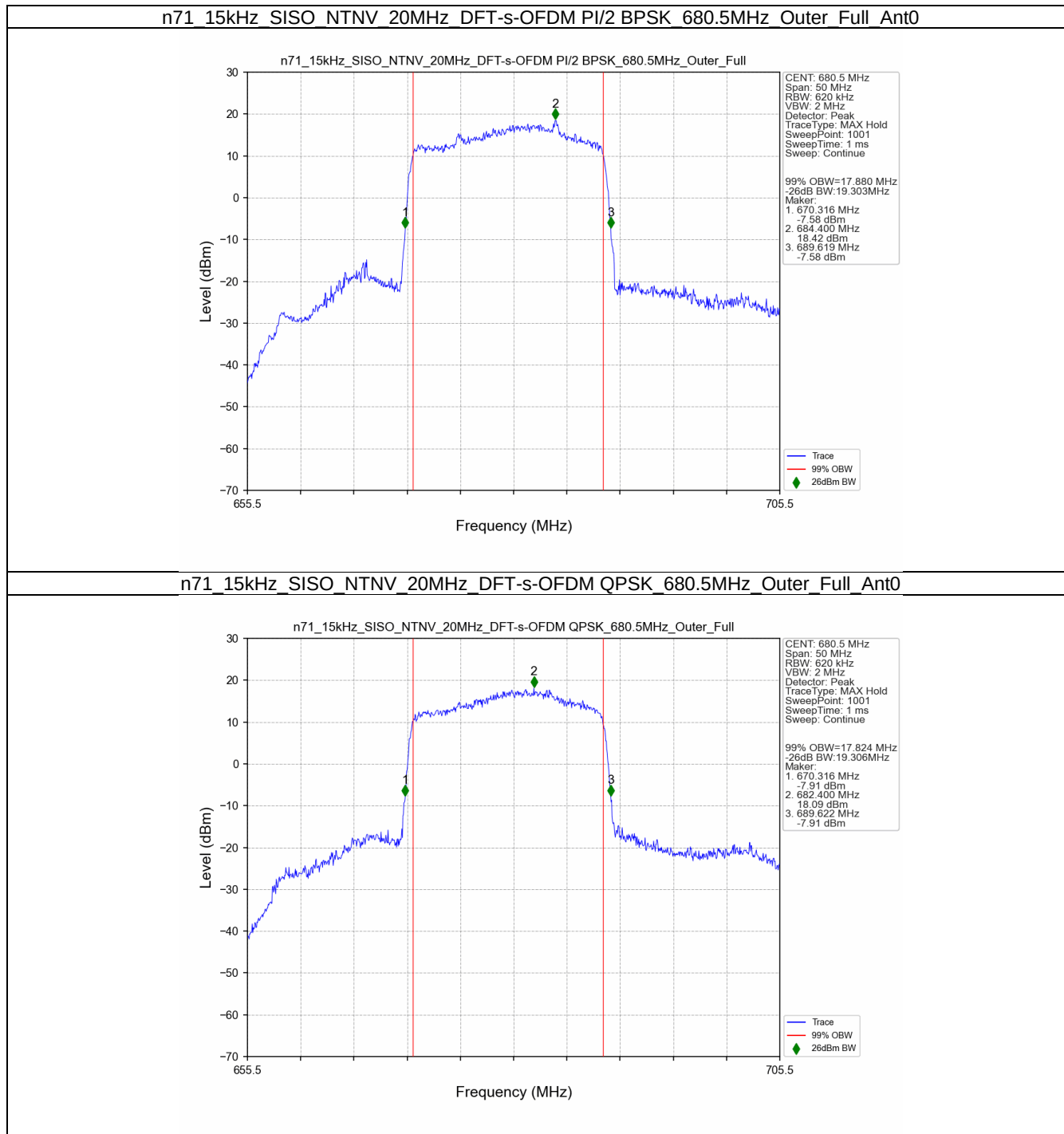
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_680.5MHz_Outer_Full_Ant0



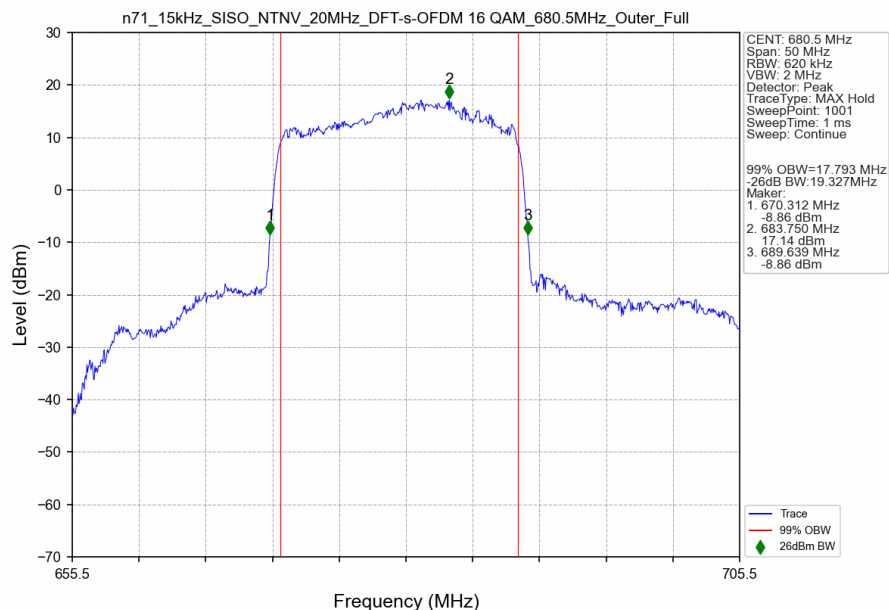
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM 680.5MHz_Outer_Full_Ant0



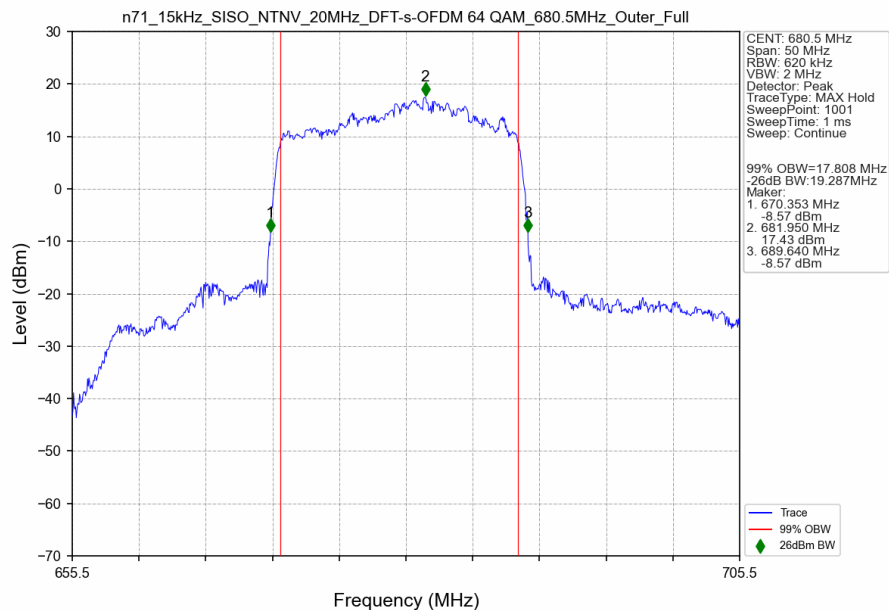
3.2.4 15_S_20M_NTNV



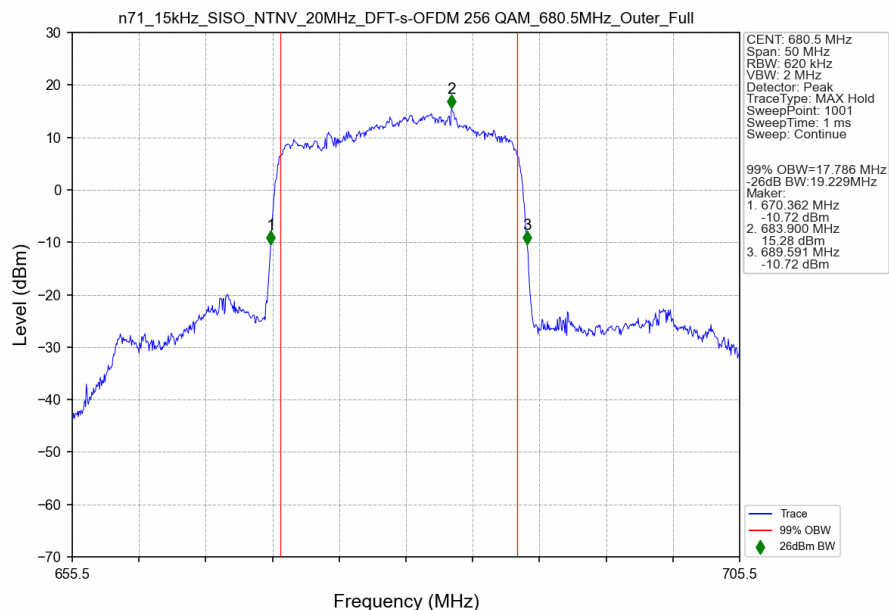
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



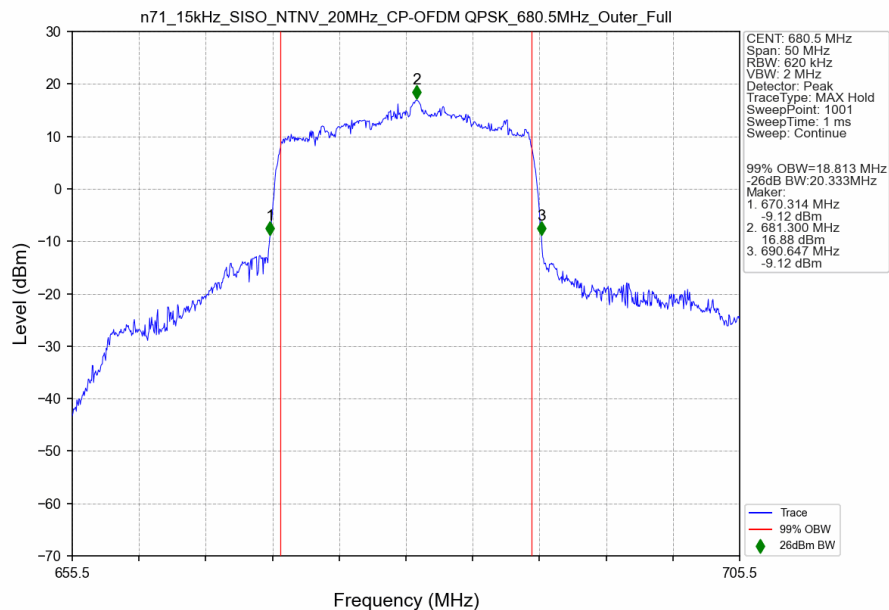
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_680.5MHz_Outer_Full_Ant0



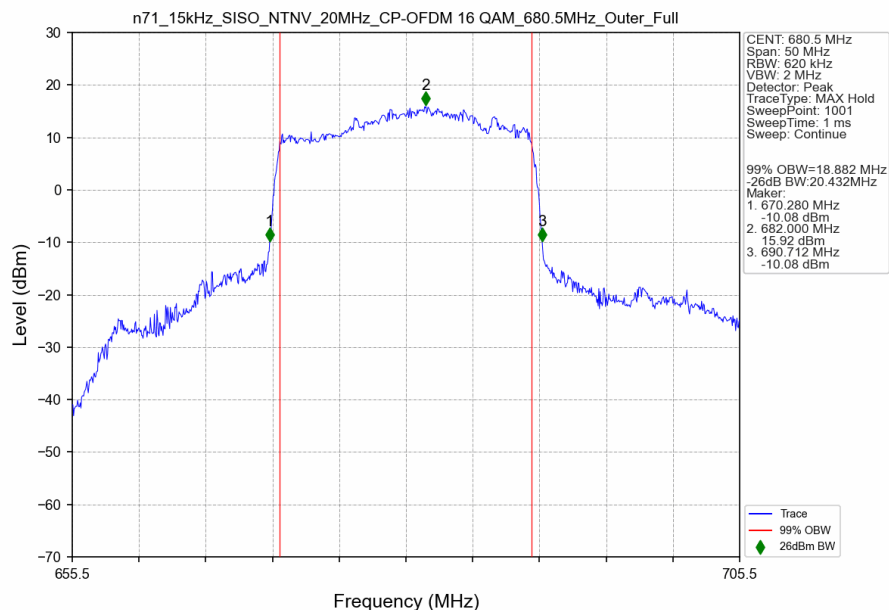
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM 680.5MHz_Outer_Full_Ant0



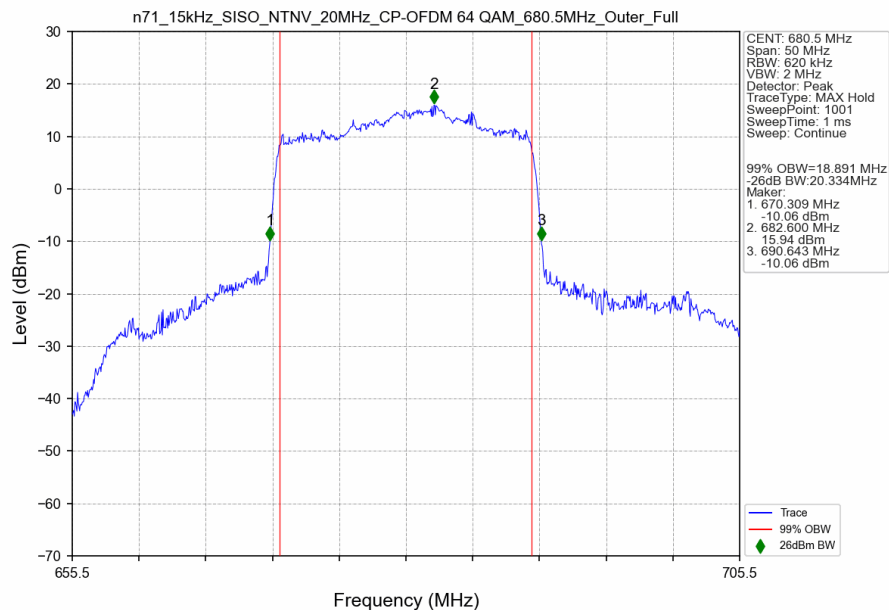
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK 680.5MHz_Outer_Full_Ant0



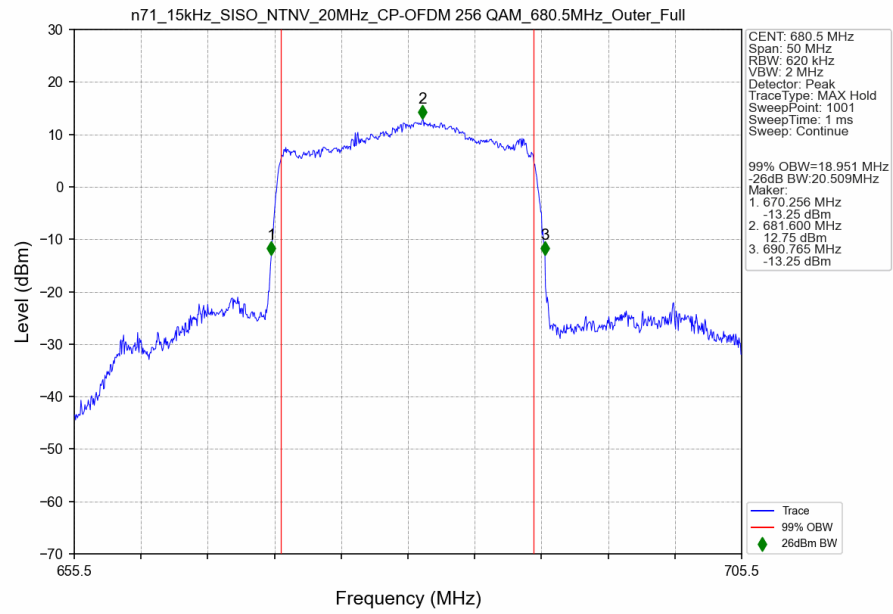
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



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

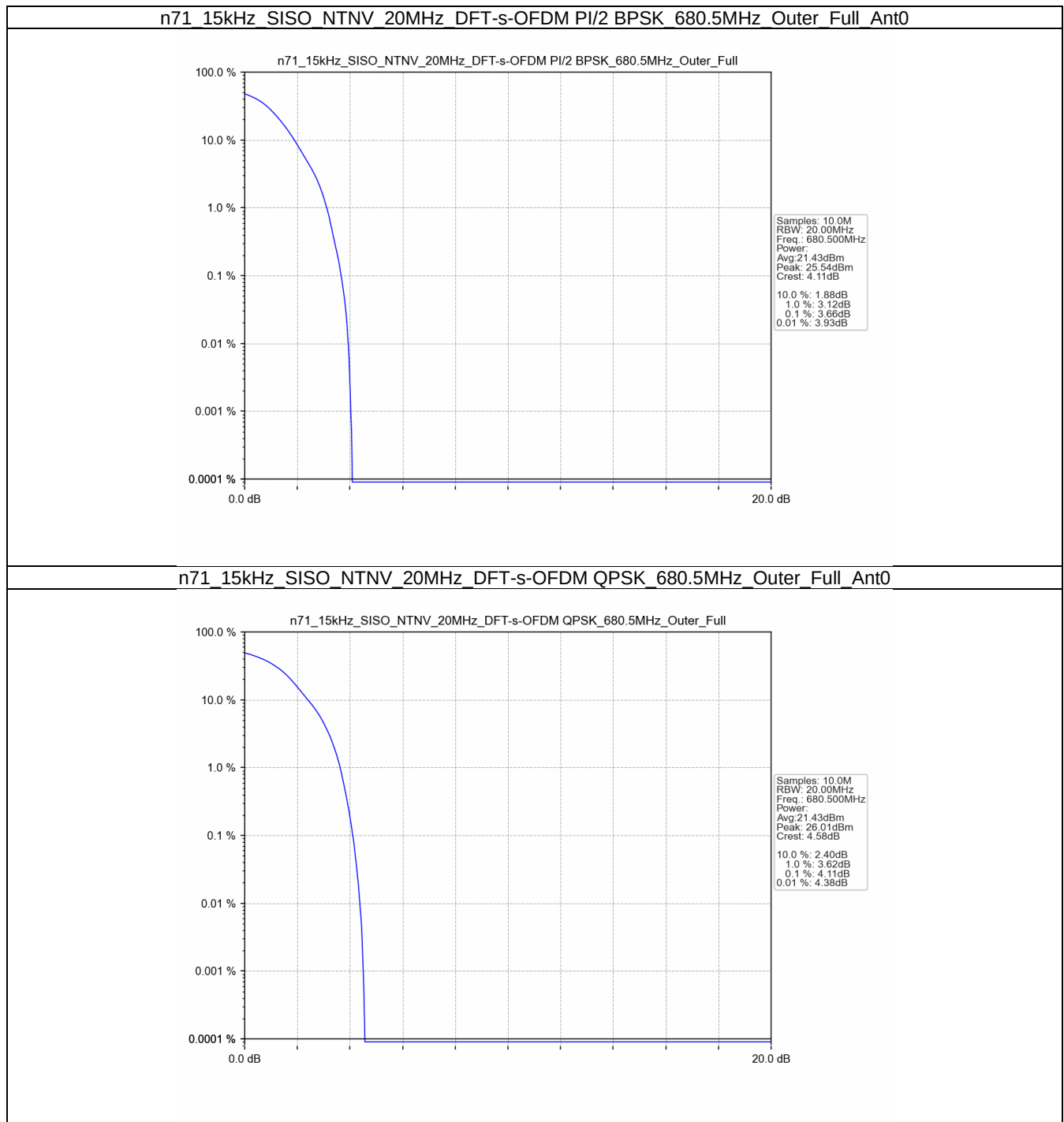
4.1 Test Result

4.1.1 15_S_20M_NTNV

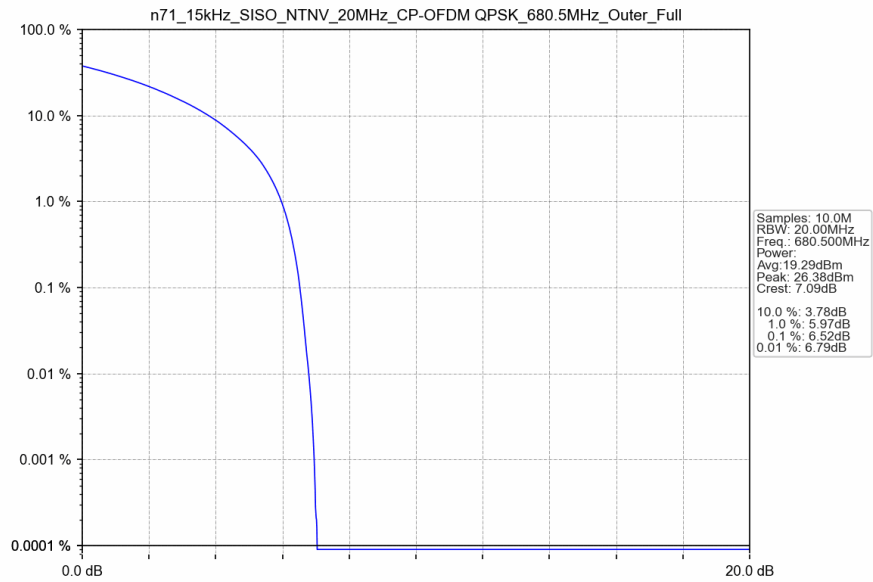
5G NR n71 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	680.5	Outer_Full	3.66	/	/	<=13	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	4.11	/	/	<=13	Pass
CP-OFDM QPSK	680.5	Outer_Full	6.52	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15_S_20M_NTNV



n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_680.5MHz_Outer_Full_Ant0



5. Spurious Emission

5.1 Test Result

5.1.1 15_S_5M_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	665.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	680.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	695.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	665.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	680.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	695.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	665.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	680.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	695.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.2 15_S_15M_NTNV

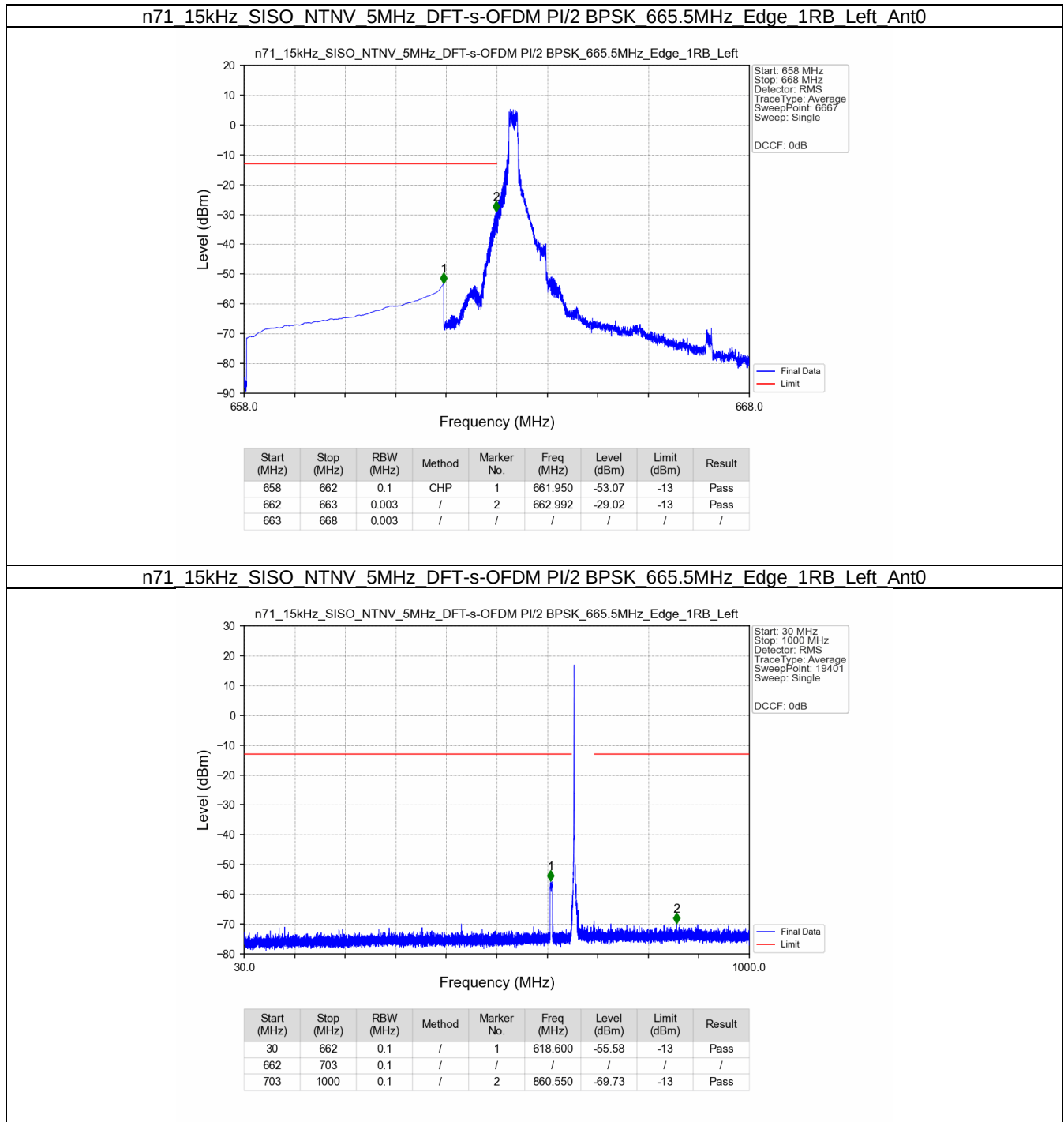
5G NR n71 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	670.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	680.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	690.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	670.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	680.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	690.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	670.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	680.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	690.5	Outer_Full	Refer To Test Graph				Pass

5.1.3 15_S_20M_NTNV

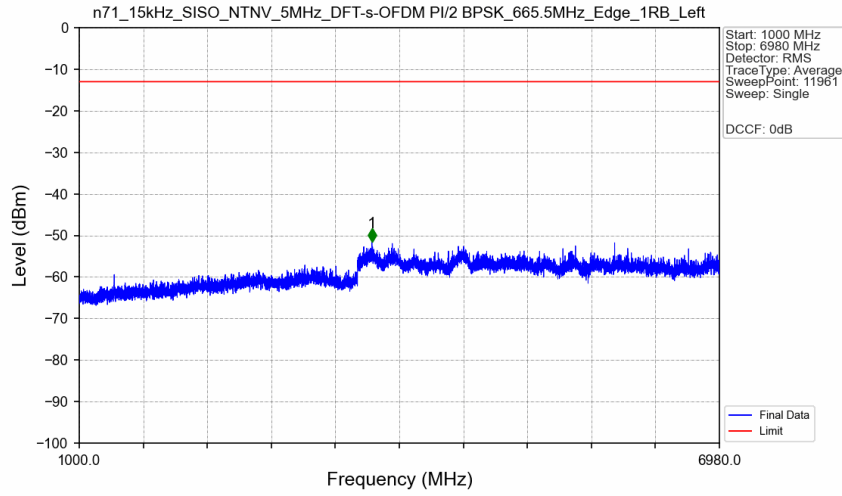
5G NR n71 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	673	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	680.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right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

5.2 Test Graph

5.2.1 15_S_5M_NTNV

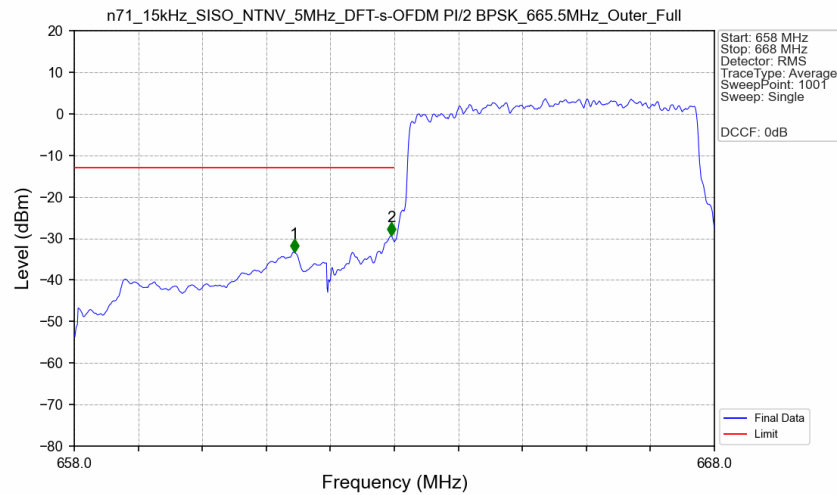


n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_665.5MHz_Edge_1RB_Left_Ant0



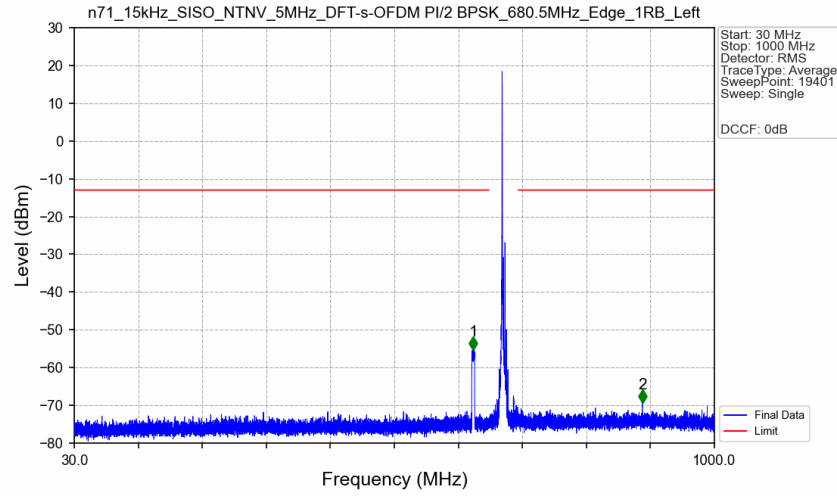
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	3734.000	-51.46	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_665.5MHz_Outer_Full_Ant0

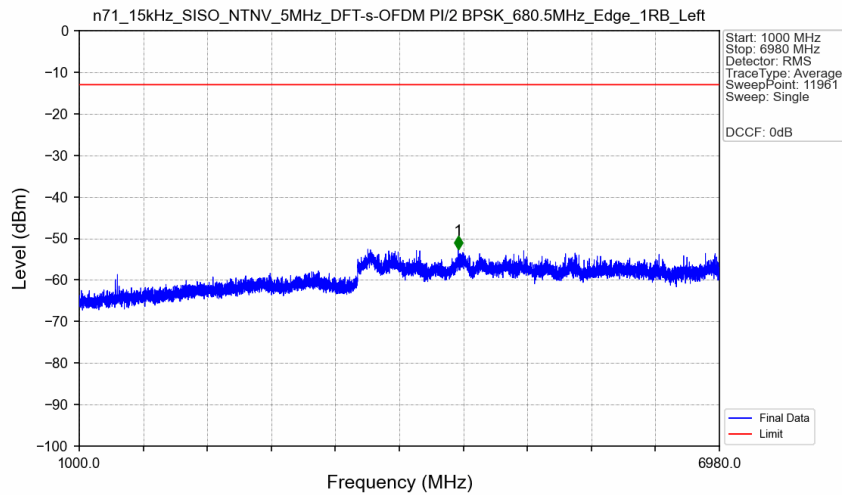


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.440	-33.36	-13	Pass
662	663	0.05207	CHP	2	662.950	-29.36	-13	Pass
663	668	0.05207	CHP	/	/	/	/	/

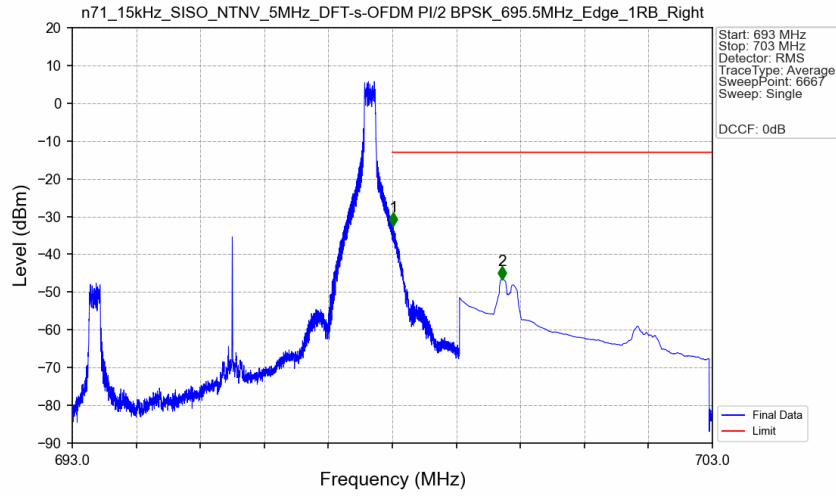
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_680.5MHz_Edge_1RB_Left_Ant0



n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_680.5MHz_Edge_1RB_Left_Ant0

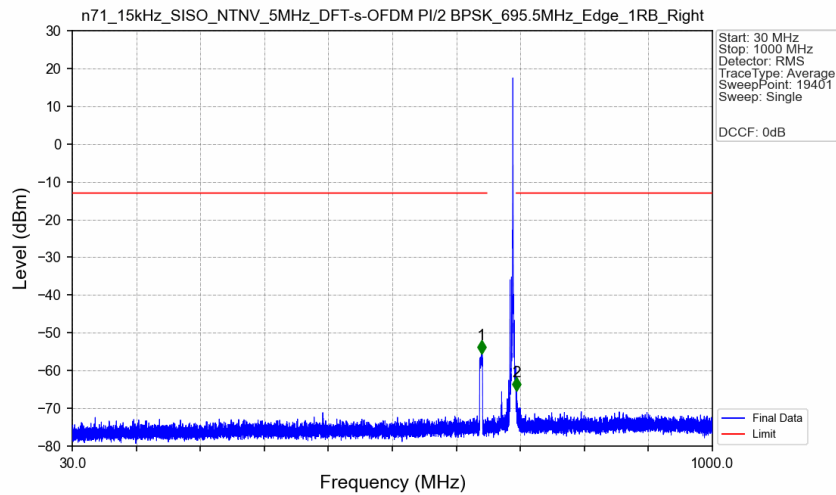


n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_695.5MHz_Edge_1RB_Right_Ant0



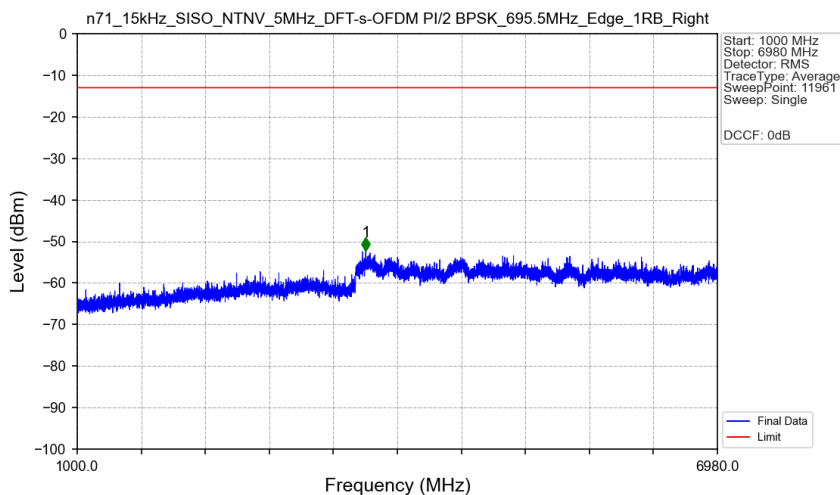
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.015	-32.42	-13	Pass
699	703	0.1	CHP	2	699.715	-46.57	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_695.5MHz_Edge_1RB_Right_Ant0



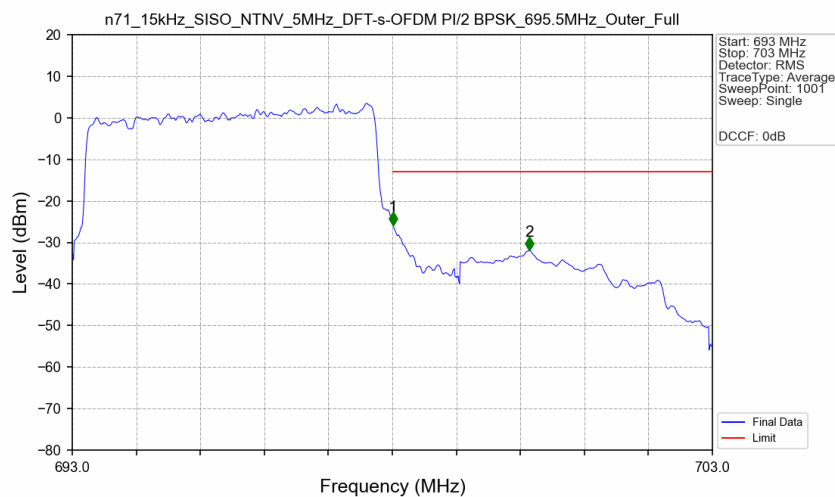
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	650.100	-55.51	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.150	-65.32	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_695.5MHz_Edge_1RB_Right_Ant0



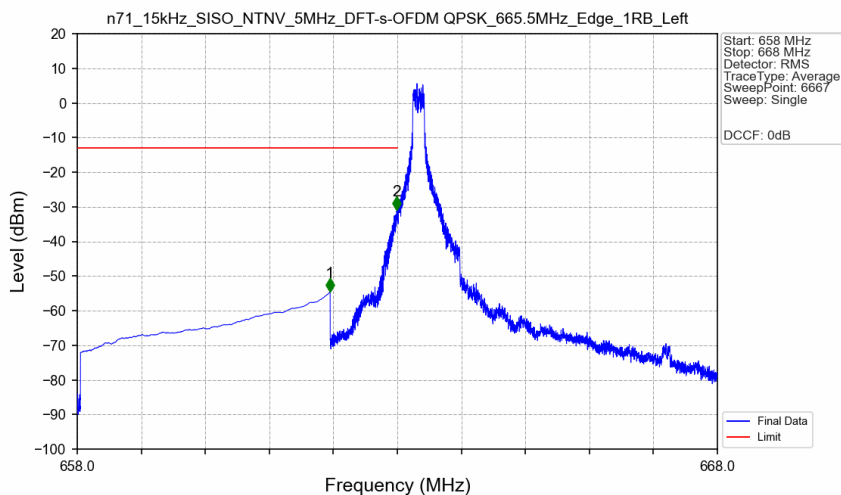
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	3694.000	-52.29	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_695.5MHz_Outer_Full_Ant0



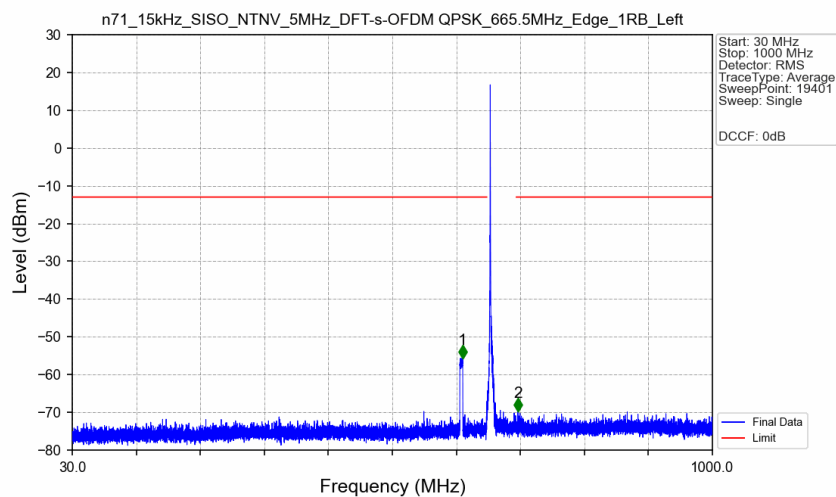
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.05207	CHP	/	/	/	/	/
698	699	0.05207	CHP	1	698.010	-25.88	-13	Pass
699	703	0.1	CHP	2	700.140	-31.89	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant0



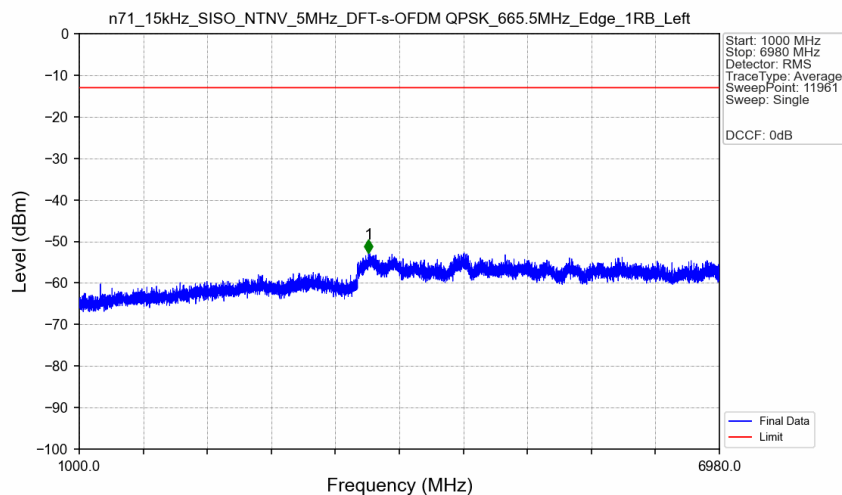
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.948	-54.54	-13	Pass
662	663	0.003	/	2	662.992	-30.91	-13	Pass
663	668	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant0

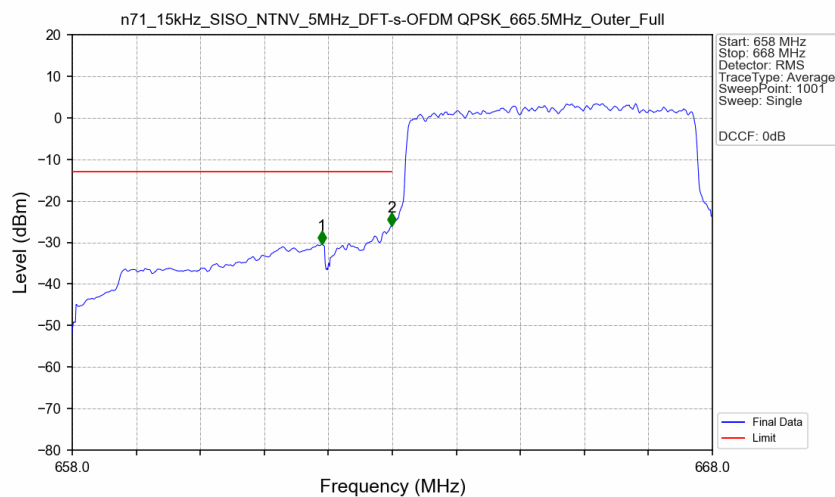


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	621.400	-55.64	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	705.250	-69.70	-13	Pass

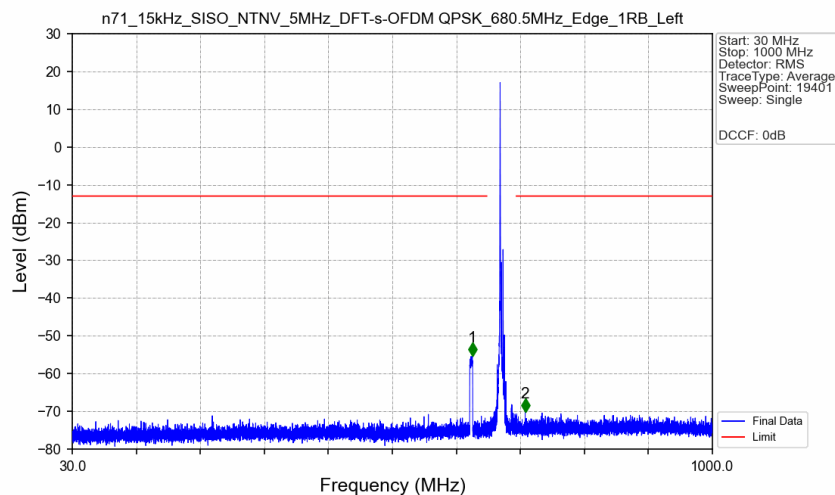
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_665.5MHz_Edge_1RB_Left_Ant0



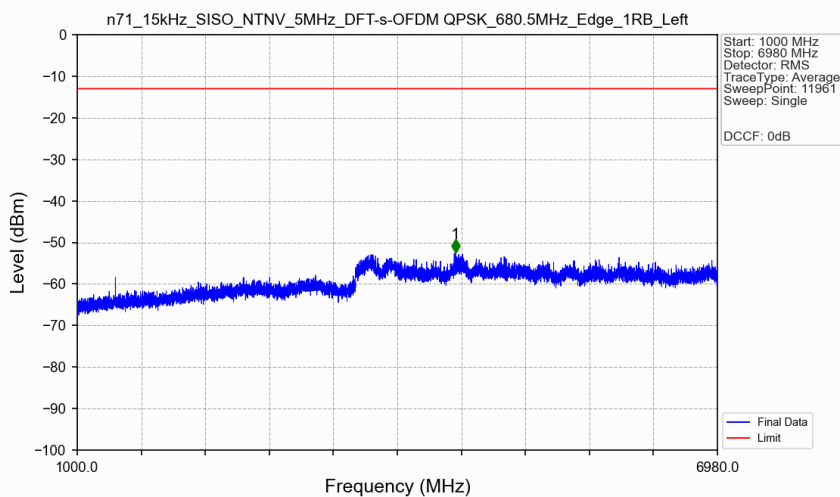
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_665.5MHz_Outer_Full_Ant0



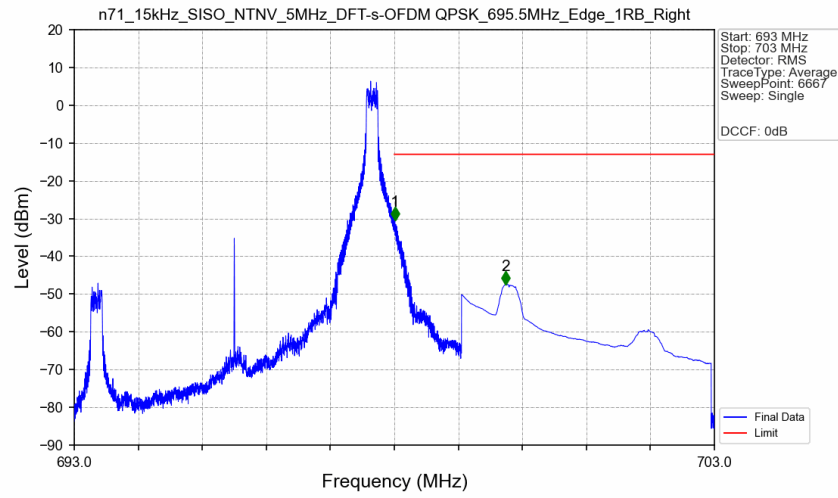
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0



n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0

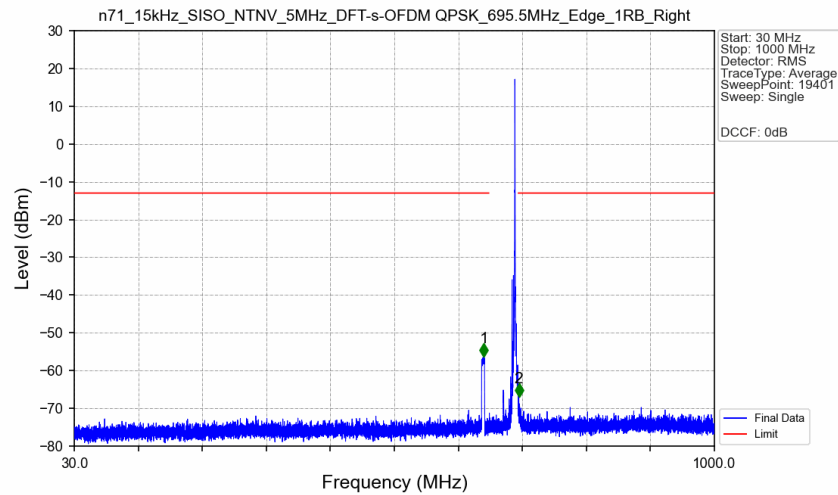


n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_695.5MHz_Edge_1RB_Right_Ant0



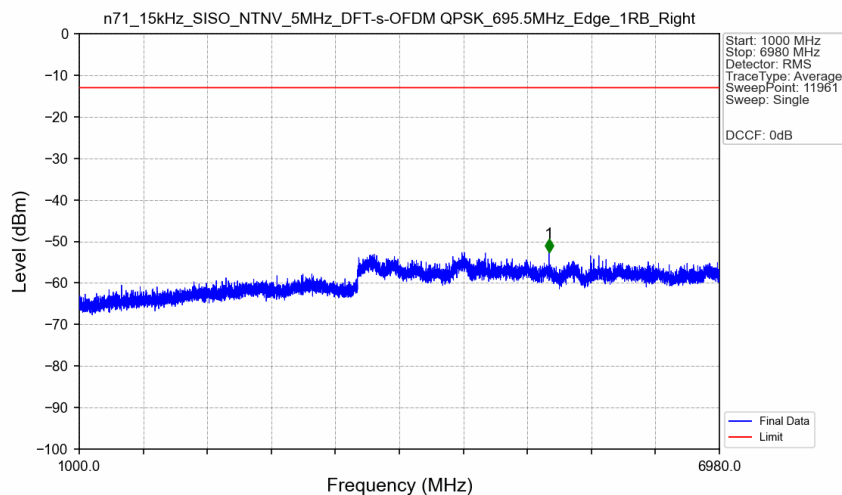
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.008	-30.34	-13	Pass
699	703	0.1	CHP	2	699.734	-47.37	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_695.5MHz_Edge_1RB_Right_Ant0

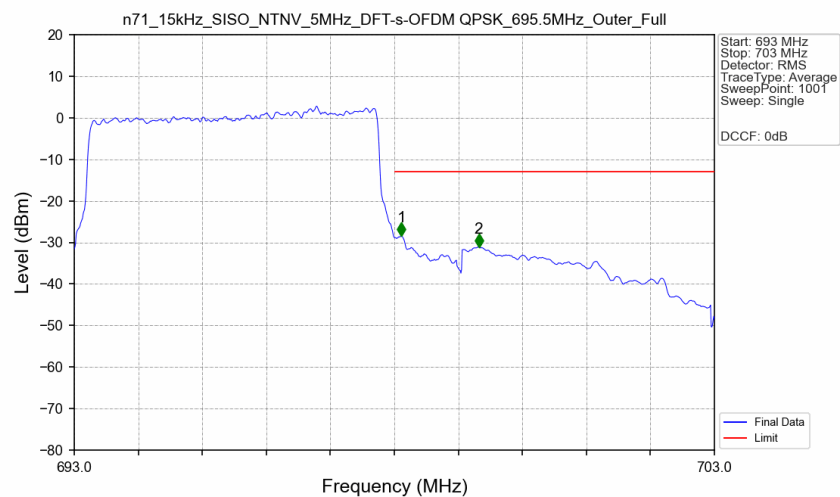


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	650.650	-56.27	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.650	-66.94	-13	Pass

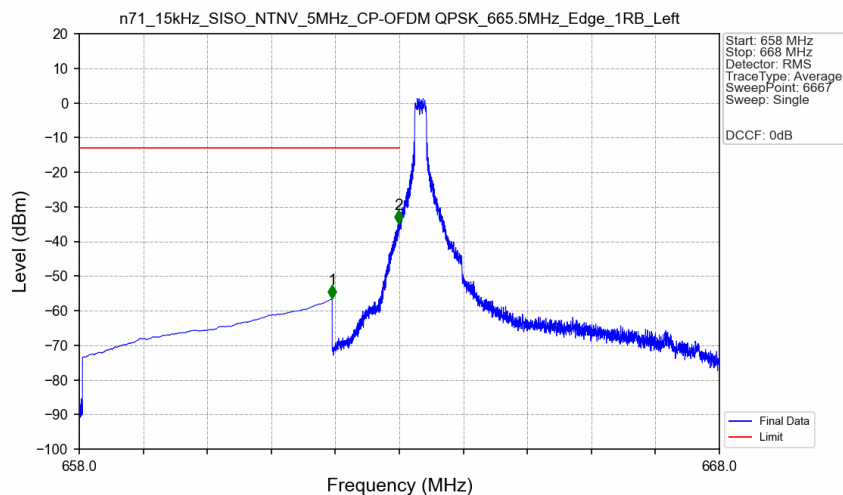
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_695.5MHz_Edge_1RB_Right_Ant0



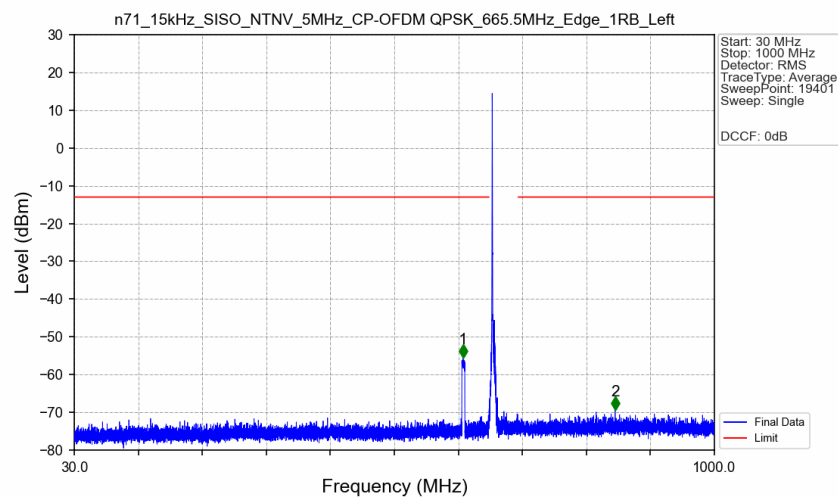
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_695.5MHz_Outer_Full_Ant0



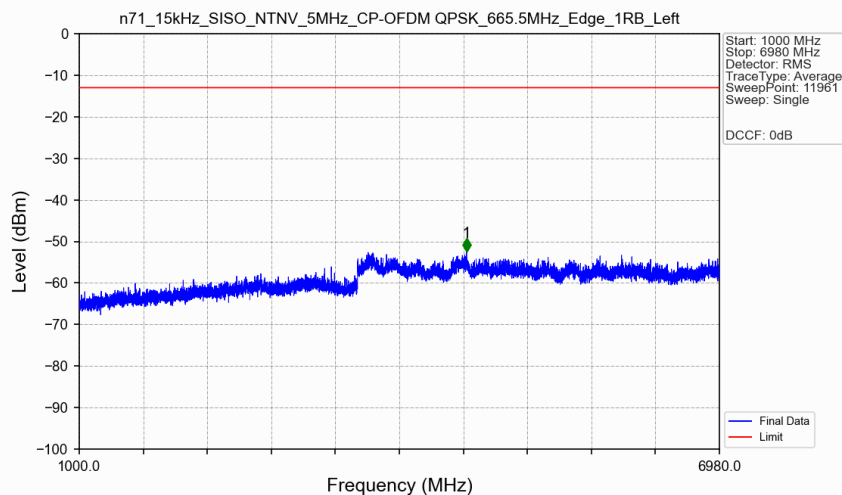
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_665.5MHz_Edge_1RB_Left_Ant0



n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_665.5MHz_Edge_1RB_Left_Ant0

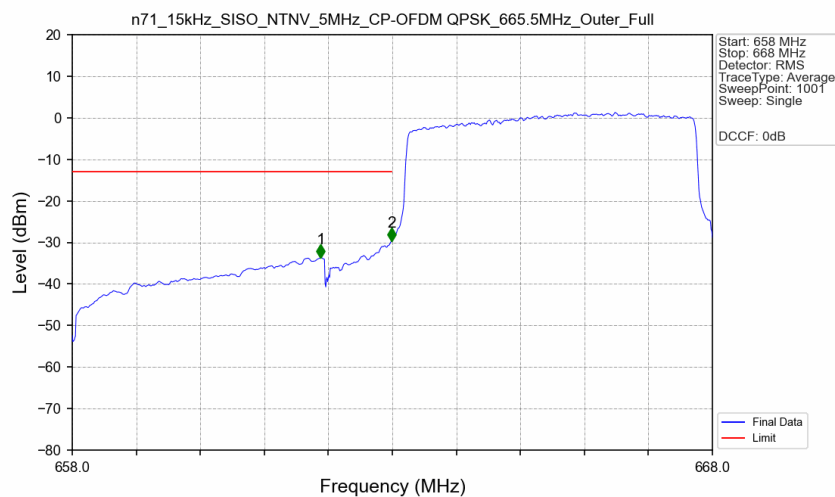


n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_665.5MHz_Edge_1RB_Left_Ant0



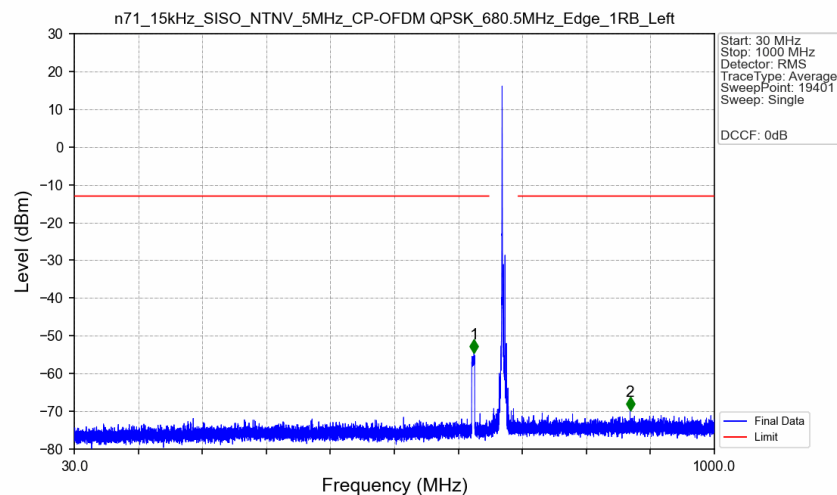
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	4618.000	-52.37	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_665.5MHz_Outer_Full_Ant0

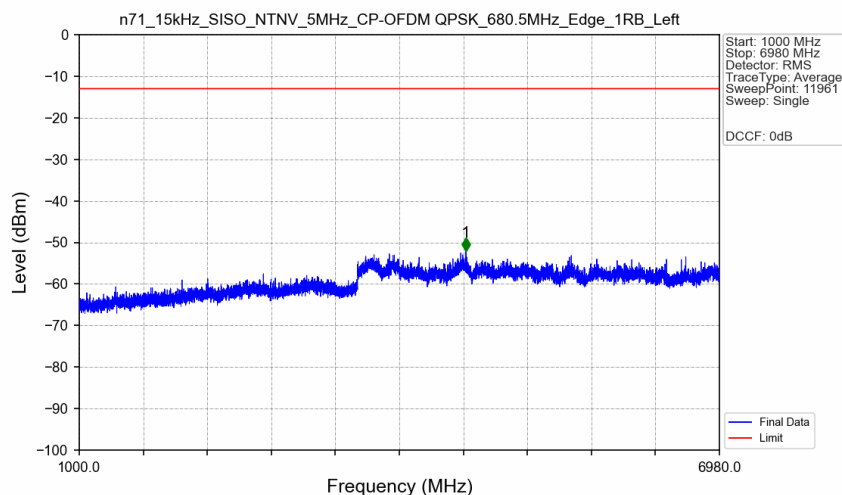


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.880	-33.62	-13	Pass
662	663	0.05207	CHP	2	662.990	-29.75	-13	Pass
663	668	0.05207	CHP	/	/	/	/	/

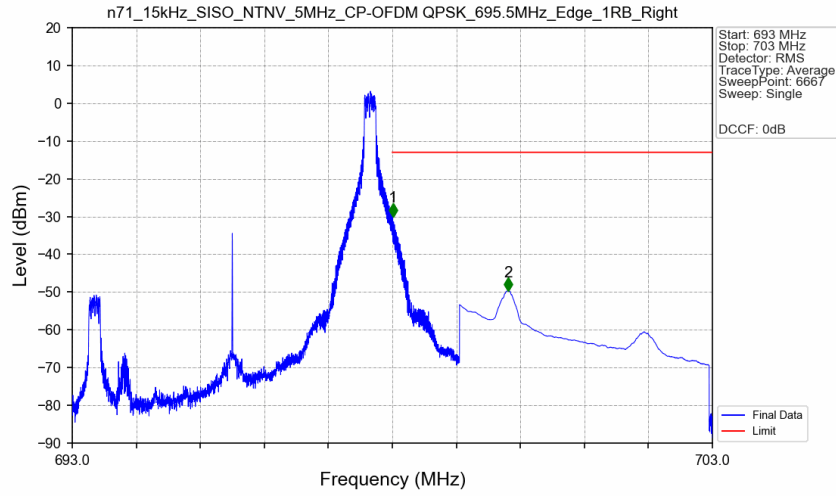
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_680.5MHz_Edge_1RB_Left_Ant0



n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_680.5MHz_Edge_1RB_Left_Ant0

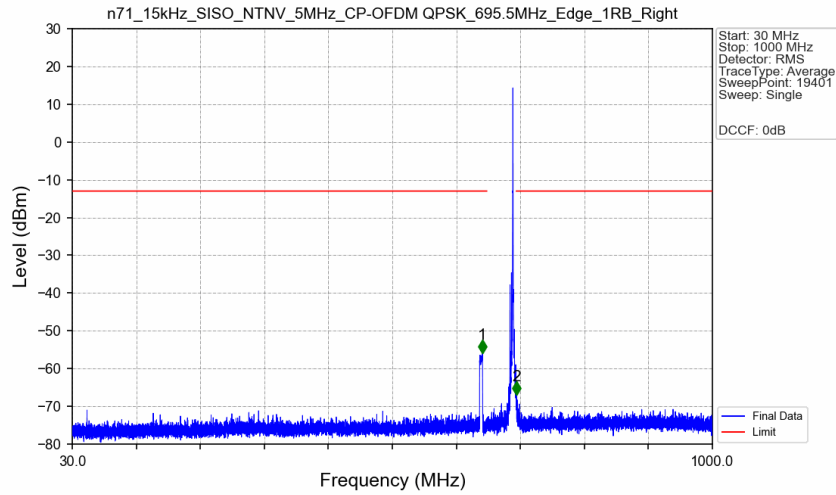


n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_695.5MHz_Edge_1RB_Right_Ant0



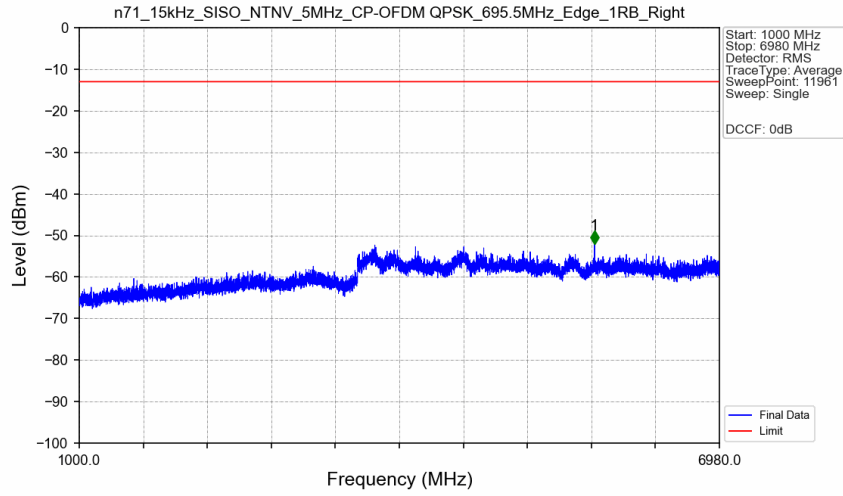
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.006	-29.93	-13	Pass
699	703	0.1	CHP	2	699.809	-49.62	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_695.5MHz_Edge_1RB_Right_Ant0



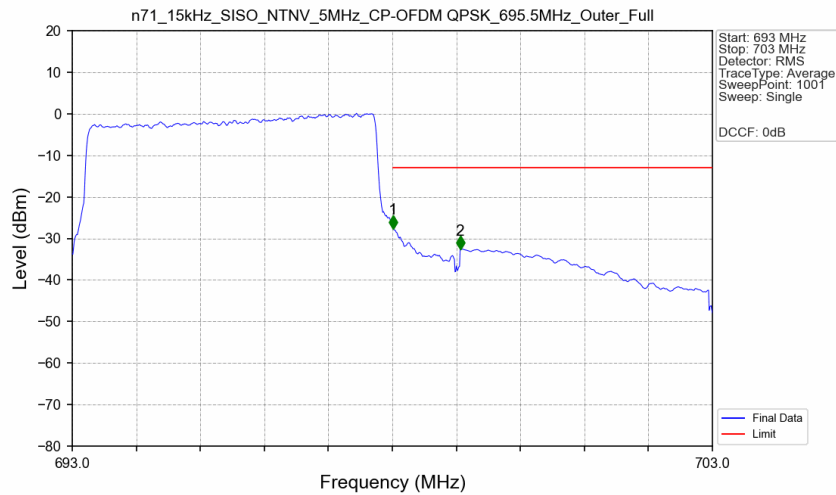
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	651.150	-55.96	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.250	-66.96	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_695.5MHz_Edge_1RB_Right_Ant0



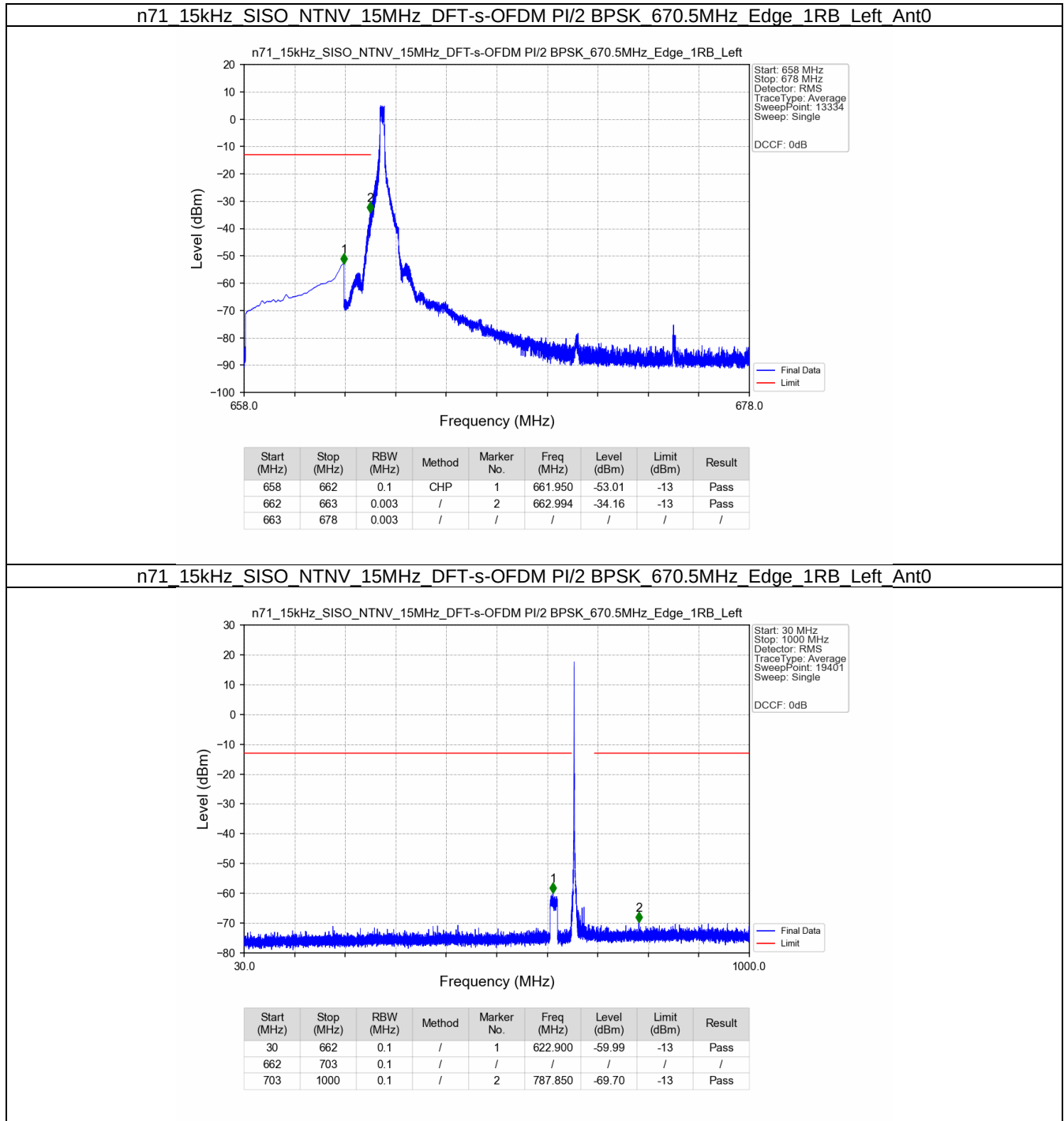
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	5813.500	-52.02	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_695.5MHz_Outer_Full_Ant0

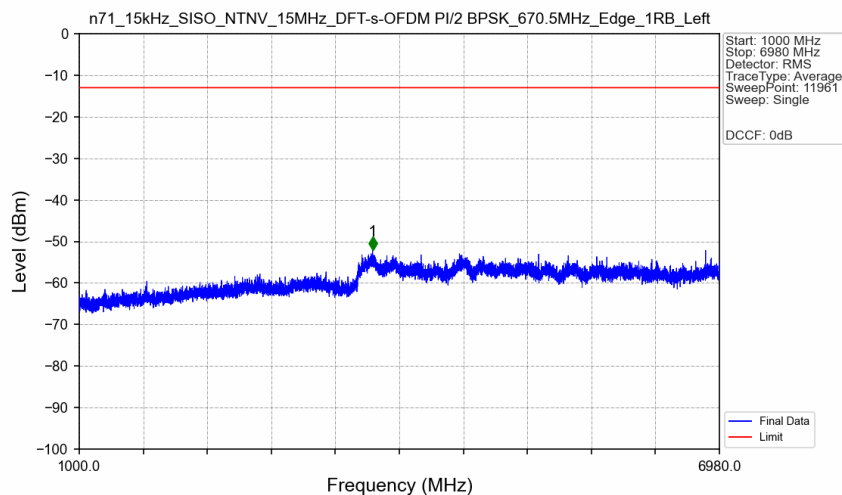


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.05207	CHP	/	/	/	/	/
698	699	0.05207	CHP	1	698.010	-27.58	-13	Pass
699	703	0.1	CHP	2	699.060	-32.60	-13	Pass

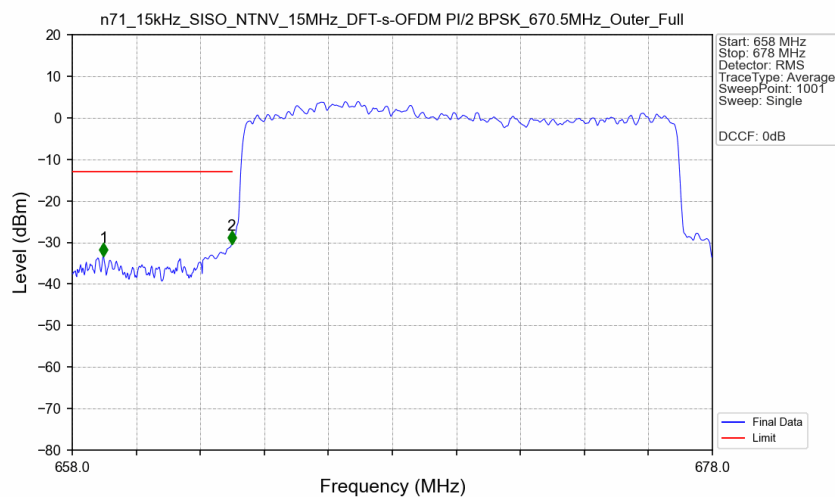
5.2.2 15_S_15M_NTNV



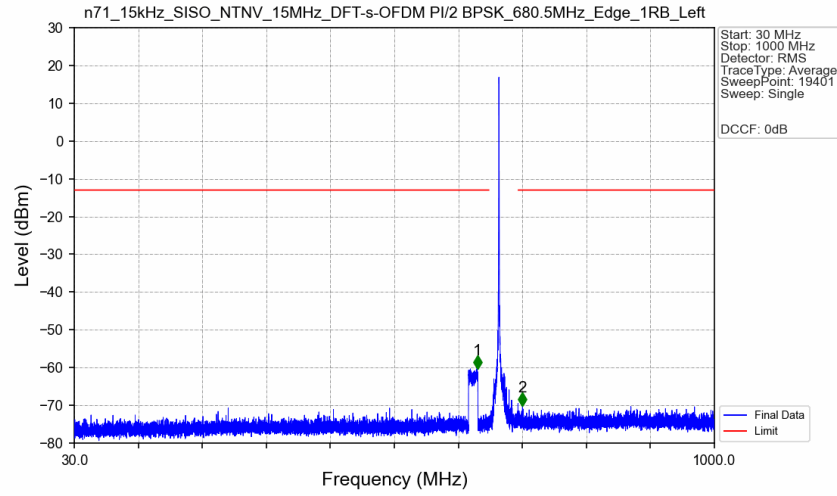
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_670.5MHz_Edge_1RB_Left_Ant0



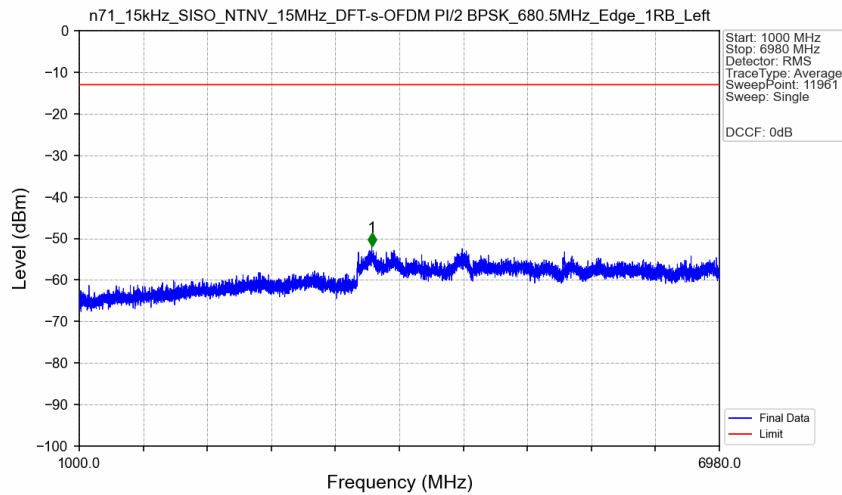
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_670.5MHz_Outer_Full_Ant0



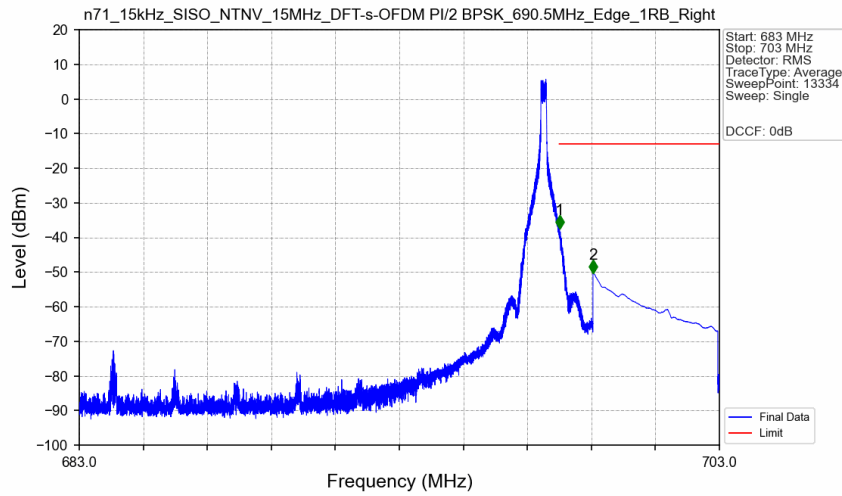
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_680.5MHz_Edge_1RB_Left_Ant0



n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_680.5MHz_Edge_1RB_Left_Ant0

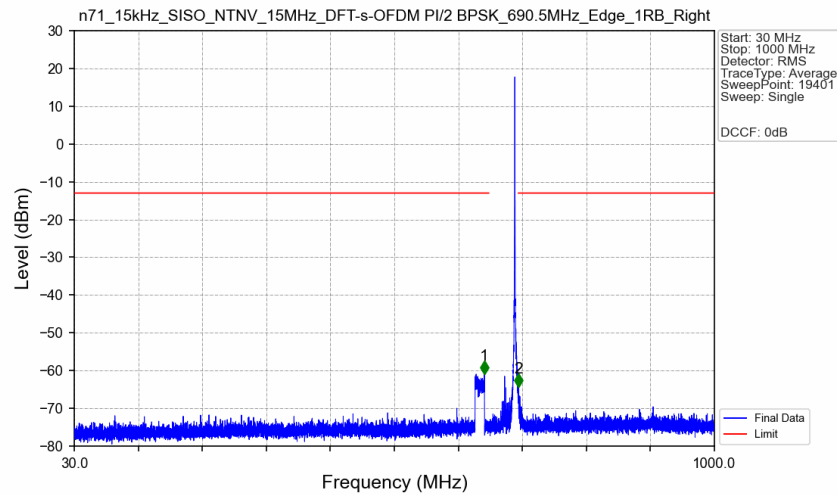


n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_690.5MHz_Edge_1RB_Right_Ant0



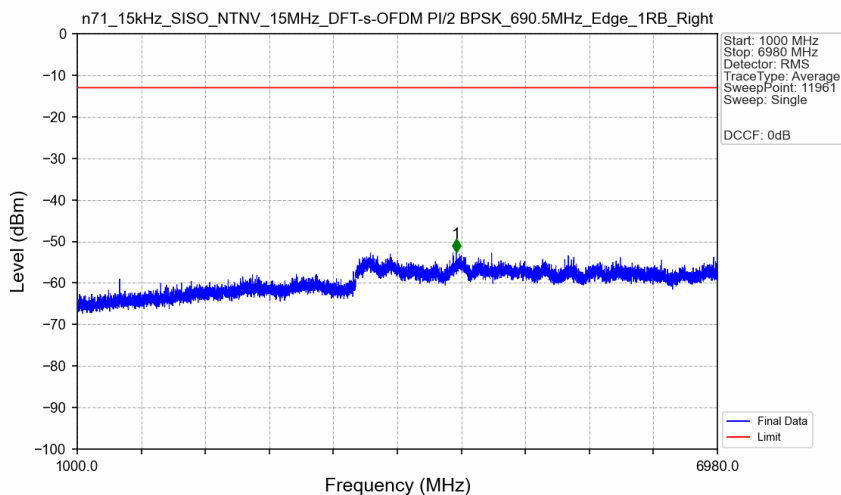
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.005	-37.49	-13	Pass
699	703	0.1	CHP	2	699.050	-50.32	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_690.5MHz_Edge_1RB_Right_Ant0



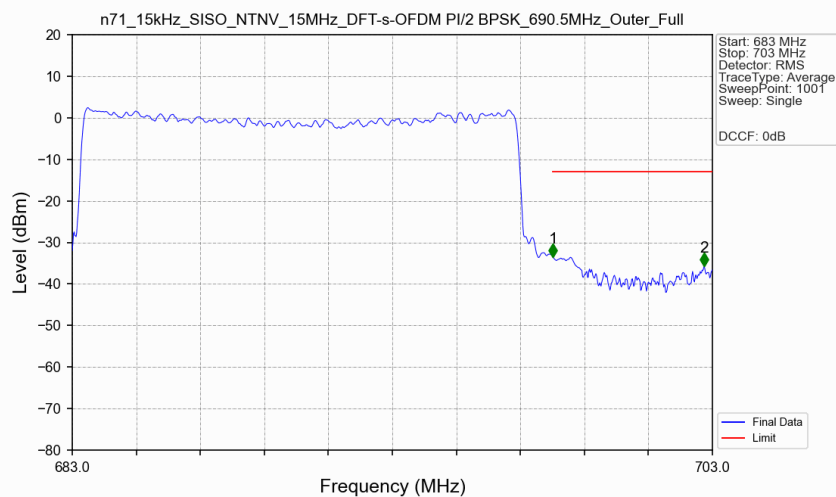
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	651.450	-60.94	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.300	-64.35	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_690.5MHz_Edge_1RB_Right_Ant0



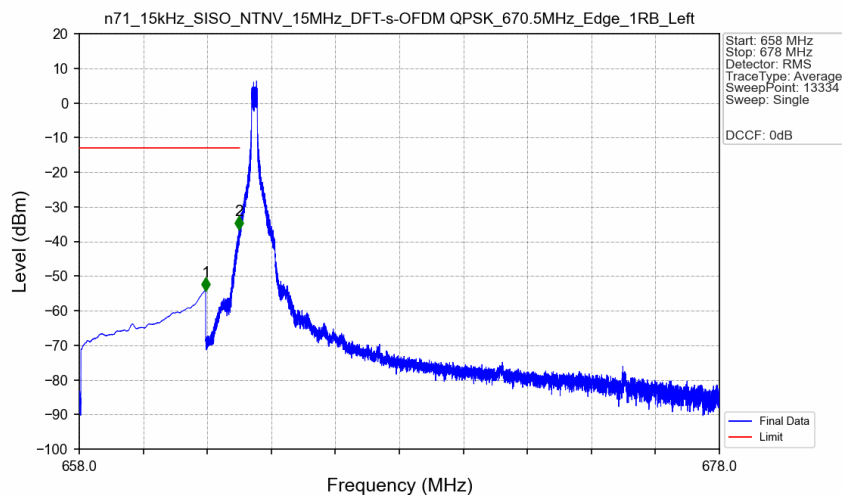
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	4540.000	-52.51	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_690.5MHz_Outer_Full_Ant0

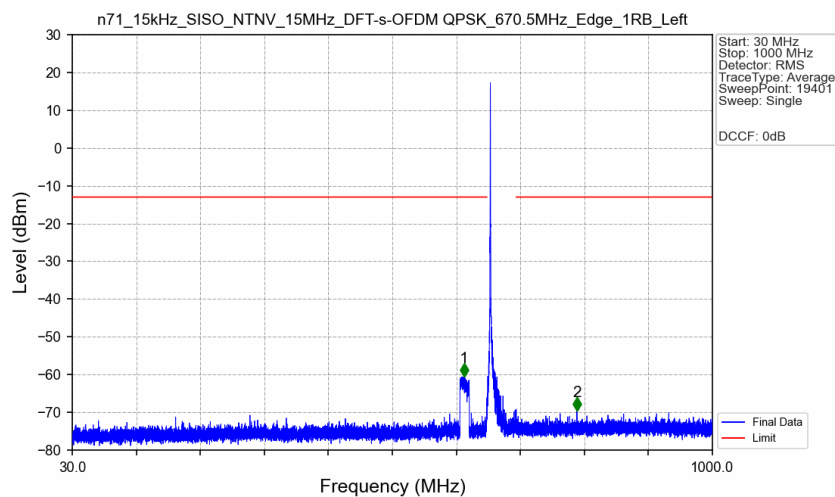


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.14604	CHP	/	/	/	/	/
698	699	0.14604	CHP	1	698.020	-33.58	-13	Pass
699	703	0.1	/	2	702.740	-35.69	-13	Pass

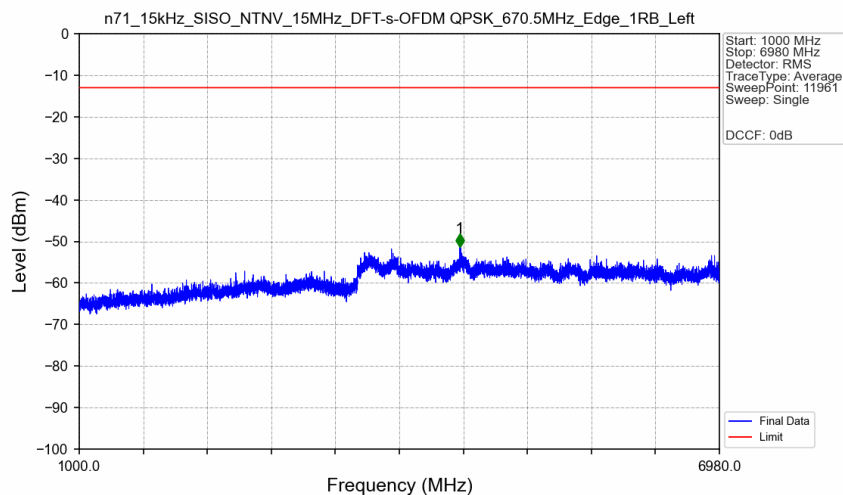
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_670.5MHz_Edge_1RB_Left_Ant0



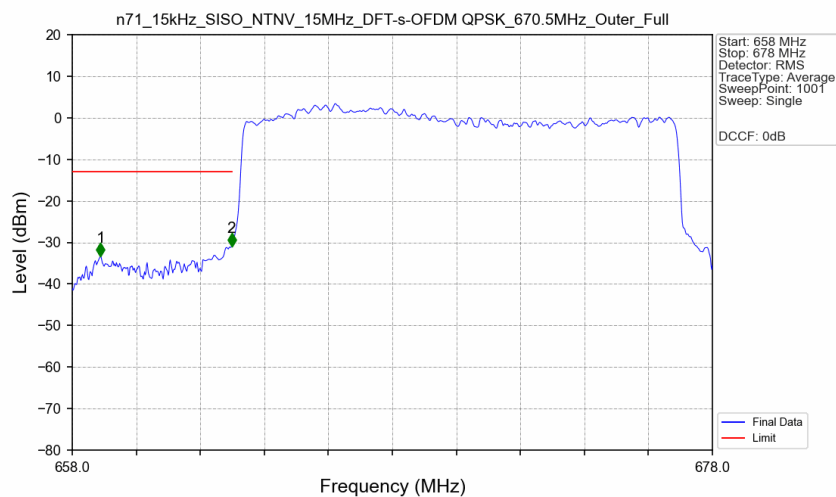
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_670.5MHz_Edge_1RB_Left_Ant0



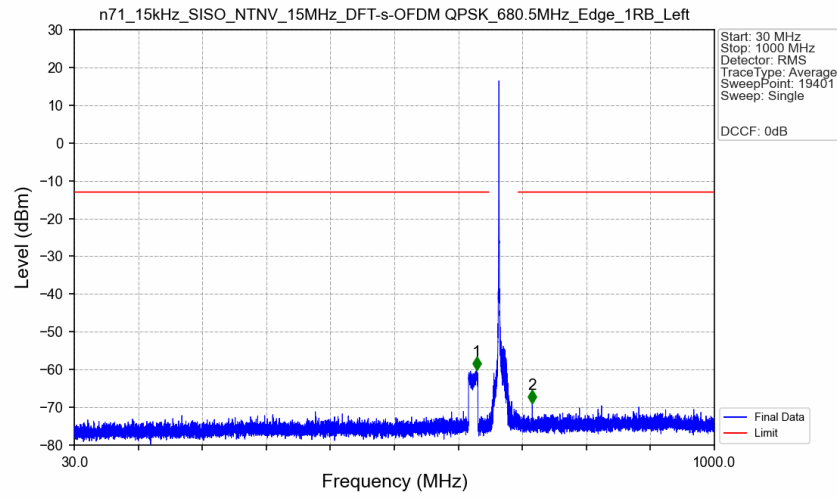
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_670.5MHz_Edge_1RB_Left_Ant0



n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_670.5MHz_Outer_Full_Ant0



n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_680.5MHz_Edge_1RB_Left_Ant0



n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_680.5MHz_Edge_1RB_Left_Ant0

