

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	23.77	/	/	11.62	/	/	<=34.77	Pass
		Edge_1RB_Right	23.66	/	/	11.51	/	/	<=34.77	Pass
		Outer_Full	23.93	/	/	11.78	/	/	<=34.77	Pass
		Inner_Full	24.20	/	/	12.05	/	/	<=34.77	Pass
		Inner_1RB_Left	24.20	/	/	12.05	/	/	<=34.77	Pass
		Inner_1RB_Right	24.16	/	/	12.01	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	23.72	/	/	11.57	/	/	<=34.77	Pass
		Edge_1RB_Right	23.67	/	/	11.52	/	/	<=34.77	Pass
		Outer_Full	23.87	/	/	11.72	/	/	<=34.77	Pass
		Inner_Full	24.16	/	/	12.01	/	/	<=34.77	Pass
		Inner_1RB_Left	24.16	/	/	12.01	/	/	<=34.77	Pass
		Inner_1RB_Right	24.11	/	/	11.96	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	23.65	/	/	11.50	/	/	<=34.77	Pass
		Edge_1RB_Right	23.59	/	/	11.44	/	/	<=34.77	Pass
		Outer_Full	23.80	/	/	11.65	/	/	<=34.77	Pass
		Inner_Full	24.19	/	/	12.04	/	/	<=34.77	Pass
		Inner_1RB_Left	24.20	/	/	12.05	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	665.5	Edge_1RB_Left	23.21	/	/	11.06	/	/	<=34.77	Pass
		Edge_1RB_Right	23.10	/	/	10.95	/	/	<=34.77	Pass
		Outer_Full	23.30	/	/	11.15	/	/	<=34.77	Pass
		Inner_Full	24.12	/	/	11.97	/	/	<=34.77	Pass
		Inner_1RB_Left	24.23	/	/	12.09	/	/	<=34.77	Pass
		Inner_1RB_Right	24.10	/	/	11.95	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	23.12	/	/	10.97	/	/	<=34.77	Pass
		Edge_1RB_Right	23.06	/	/	10.91	/	/	<=34.77	Pass
		Outer_Full	23.28	/	/	11.13	/	/	<=34.77	Pass
		Inner_Full	24.23	/	/	12.08	/	/	<=34.77	Pass
		Inner_1RB_Left	24.17	/	/	12.02	/	/	<=34.77	Pass
		Inner_1RB_Right	24.15	/	/	12.00	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	23.09	/	/	10.94	/	/	<=34.77	Pass
		Edge_1RB_Right	23.06	/	/	10.91	/	/	<=34.77	Pass
		Outer_Full	23.20	/	/	11.05	/	/	<=34.77	Pass
		Inner_Full	24.16	/	/	12.01	/	/	<=34.77	Pass
		Inner_1RB_Left	24.15	/	/	12.00	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	665.5	Edge_1RB_Left	21.96	/	/	9.81	/	/	<=34.77	Pass
		Edge_1RB_Right	21.92	/	/	9.77	/	/	<=34.77	Pass
		Outer_Full	22.12	/	/	9.97	/	/	<=34.77	Pass
		Inner_Full	23.08	/	/	10.93	/	/	<=34.77	Pass
		Inner_1RB_Left	23.02	/	/	10.87	/	/	<=34.77	Pass
		Inner_1RB_Right	23.01	/	/	10.86	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.99	/	/	9.84	/	/	<=34.77	Pass
		Edge_1RB_Right	21.94	/	/	9.79	/	/	<=34.77	Pass
		Outer_Full	22.21	/	/	10.06	/	/	<=34.77	Pass
		Inner_Full	23.15	/	/	11.00	/	/	<=34.77	Pass
		Inner_1RB_Left	22.94	/	/	10.79	/	/	<=34.77	Pass
		Inner_1RB_Right	22.98	/	/	10.83	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	21.90	/	/	9.75	/	/	<=34.77	Pass
		Edge_1RB_Right	21.92	/	/	9.77	/	/	<=34.77	Pass
		Outer_Full	22.14	/	/	9.99	/	/	<=34.77	Pass
		Inner_Full	23.09	/	/	10.94	/	/	<=34.77	Pass
		Inner_1RB_Left	22.98	/	/	10.83	/	/	<=34.77	Pass
		Inner_1RB_Right	22.88	/	/	10.73	/	/	<=34.77	Pass

DFT-s-OFDM 64 QAM	665.5	Edge_1RB_Left	21.54	/	/	9.39	/	/	<=34.77	Pass
		Edge_1RB_Right	21.75	/	/	9.60	/	/	<=34.77	Pass
		Outer_Full	21.59	/	/	9.44	/	/	<=34.77	Pass
		Inner_Full	21.64	/	/	9.49	/	/	<=34.77	Pass
		Inner_1RB_Left	21.53	/	/	9.38	/	/	<=34.77	Pass
		Inner_1RB_Right	21.73	/	/	9.58	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.80	/	/	9.65	/	/	<=34.77	Pass
		Edge_1RB_Right	21.74	/	/	9.59	/	/	<=34.77	Pass
		Outer_Full	21.63	/	/	9.48	/	/	<=34.77	Pass
		Inner_Full	21.66	/	/	9.51	/	/	<=34.77	Pass
		Inner_1RB_Left	21.81	/	/	9.66	/	/	<=34.77	Pass
		Inner_1RB_Right	21.81	/	/	9.66	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	21.47	/	/	9.32	/	/	<=34.77	Pass
		Edge_1RB_Right	21.70	/	/	9.55	/	/	<=34.77	Pass
		Outer_Full	21.64	/	/	9.49	/	/	<=34.77	Pass
		Inner_Full	21.69	/	/	9.54	/	/	<=34.77	Pass
		Inner_1RB_Left	21.80	/	/	9.65	/	/	<=34.77	Pass
		Inner_1RB_Right	21.74	/	/	9.59	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	665.5	Edge_1RB_Left	19.62	/	/	7.47	/	/	<=34.77	Pass
		Edge_1RB_Right	19.64	/	/	7.49	/	/	<=34.77	Pass
		Outer_Full	19.63	/	/	7.48	/	/	<=34.77	Pass
		Inner_Full	19.61	/	/	7.46	/	/	<=34.77	Pass
		Inner_1RB_Left	19.67	/	/	7.52	/	/	<=34.77	Pass
		Inner_1RB_Right	19.63	/	/	7.48	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.59	/	/	7.44	/	/	<=34.77	Pass
		Edge_1RB_Right	19.66	/	/	7.51	/	/	<=34.77	Pass
		Outer_Full	19.65	/	/	7.50	/	/	<=34.77	Pass
		Inner_Full	19.59	/	/	7.44	/	/	<=34.77	Pass
		Inner_1RB_Left	19.68	/	/	7.53	/	/	<=34.77	Pass
		Inner_1RB_Right	19.61	/	/	7.46	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	19.71	/	/	7.56	/	/	<=34.77	Pass
		Edge_1RB_Right	19.60	/	/	7.45	/	/	<=34.77	Pass
		Outer_Full	19.62	/	/	7.47	/	/	<=34.77	Pass
		Inner_Full	19.61	/	/	7.46	/	/	<=34.77	Pass
		Inner_1RB_Left	19.64	/	/	7.49	/	/	<=34.77	Pass
		Inner_1RB_Right	19.61	/	/	7.46	/	/	<=34.77	Pass
CP-OFDM QPSK	665.5	Edge_1RB_Left	21.18	/	/	9.03	/	/	<=34.77	Pass
		Edge_1RB_Right	21.17	/	/	9.02	/	/	<=34.77	Pass
		Outer_Full	21.27	/	/	9.12	/	/	<=34.77	Pass
		Inner_Full	22.61	/	/	10.46	/	/	<=34.77	Pass
		Inner_1RB_Left	22.77	/	/	10.62	/	/	<=34.77	Pass
		Inner_1RB_Right	22.61	/	/	10.46	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.11	/	/	8.96	/	/	<=34.77	Pass
		Edge_1RB_Right	21.14	/	/	8.99	/	/	<=34.77	Pass
		Outer_Full	21.23	/	/	9.08	/	/	<=34.77	Pass
		Inner_Full	22.63	/	/	10.48	/	/	<=34.77	Pass
		Inner_1RB_Left	22.60	/	/	10.45	/	/	<=34.77	Pass
		Inner_1RB_Right	22.64	/	/	10.49	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	21.06	/	/	8.91	/	/	<=34.77	Pass
		Edge_1RB_Right	21.17	/	/	9.02	/	/	<=34.77	Pass
		Outer_Full	21.20	/	/	9.05	/	/	<=34.77	Pass
		Inner_Full	22.71	/	/	10.56	/	/	<=34.77	Pass
		Inner_1RB_Left	22.62	/	/	10.47	/	/	<=34.77	Pass
		Inner_1RB_Right	22.54	/	/	10.39	/	/	<=34.77	Pass
CP-OFDM 16 QAM	665.5	Edge_1RB_Left	20.97	/	/	8.82	/	/	<=34.77	Pass
		Edge_1RB_Right	20.99	/	/	8.84	/	/	<=34.77	Pass
		Outer_Full	21.15	/	/	9.00	/	/	<=34.77	Pass
		Inner_Full	22.15	/	/	10.00	/	/	<=34.77	Pass
		Inner_1RB_Left	21.99	/	/	9.84	/	/	<=34.77	Pass
		Inner_1RB_Right	21.99	/	/	9.84	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.16	/	/	9.01	/	/	<=34.77	Pass
		Edge_1RB_Right	21.01	/	/	8.86	/	/	<=34.77	Pass
		Outer_Full	21.16	/	/	9.01	/	/	<=34.77	Pass
		Inner_Full	22.21	/	/	10.06	/	/	<=34.77	Pass

		Inner_1RB_Left	21.99	/	/	9.84	/	/	<=34.77	Pass
		Inner_1RB_Right	22.06	/	/	9.91	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	20.94	/	/	8.79	/	/	<=34.77	Pass
		Edge_1RB_Right	21.14	/	/	8.99	/	/	<=34.77	Pass
		Outer_Full	21.12	/	/	8.97	/	/	<=34.77	Pass
		Inner_Full	22.18	/	/	10.03	/	/	<=34.77	Pass
		Inner_1RB_Left	21.92	/	/	9.77	/	/	<=34.77	Pass
		Inner_1RB_Right	22.00	/	/	9.85	/	/	<=34.77	Pass
CP-OFDM 64 QAM	665.5	Edge_1RB_Left	20.35	/	/	8.20	/	/	<=34.77	Pass
		Edge_1RB_Right	20.73	/	/	8.58	/	/	<=34.77	Pass
		Outer_Full	20.69	/	/	8.54	/	/	<=34.77	Pass
		Inner_Full	20.59	/	/	8.44	/	/	<=34.77	Pass
		Inner_1RB_Left	20.75	/	/	8.60	/	/	<=34.77	Pass
		Inner_1RB_Right	20.82	/	/	8.67	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.43	/	/	8.28	/	/	<=34.77	Pass
		Edge_1RB_Right	20.48	/	/	8.33	/	/	<=34.77	Pass
		Outer_Full	20.67	/	/	8.52	/	/	<=34.77	Pass
		Inner_Full	20.58	/	/	8.43	/	/	<=34.77	Pass
		Inner_1RB_Left	20.76	/	/	8.61	/	/	<=34.77	Pass
		Inner_1RB_Right	20.81	/	/	8.66	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	20.66	/	/	8.51	/	/	<=34.77	Pass
		Edge_1RB_Right	20.71	/	/	8.56	/	/	<=34.77	Pass
		Outer_Full	20.68	/	/	8.53	/	/	<=34.77	Pass
		Inner_Full	20.59	/	/	8.44	/	/	<=34.77	Pass
		Inner_1RB_Left	20.80	/	/	8.65	/	/	<=34.77	Pass
		Inner_1RB_Right	20.78	/	/	8.63	/	/	<=34.77	Pass
CP-OFDM 256 QAM	665.5	Edge_1RB_Left	17.51	/	/	5.36	/	/	<=34.77	Pass
		Edge_1RB_Right	17.57	/	/	5.42	/	/	<=34.77	Pass
		Outer_Full	17.60	/	/	5.45	/	/	<=34.77	Pass
		Inner_Full	17.61	/	/	5.46	/	/	<=34.77	Pass
		Inner_1RB_Left	17.54	/	/	5.39	/	/	<=34.77	Pass
		Inner_1RB_Right	17.65	/	/	5.50	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	17.61	/	/	5.46	/	/	<=34.77	Pass
		Edge_1RB_Right	17.66	/	/	5.51	/	/	<=34.77	Pass
		Outer_Full	17.65	/	/	5.50	/	/	<=34.77	Pass
		Inner_Full	17.67	/	/	5.52	/	/	<=34.77	Pass
		Inner_1RB_Left	17.70	/	/	5.55	/	/	<=34.77	Pass
		Inner_1RB_Right	17.68	/	/	5.53	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	17.65	/	/	5.50	/	/	<=34.77	Pass
		Edge_1RB_Right	17.66	/	/	5.51	/	/	<=34.77	Pass
		Outer_Full	17.64	/	/	5.49	/	/	<=34.77	Pass
		Inner_Full	17.60	/	/	5.45	/	/	<=34.77	Pass
		Inner_1RB_Left	17.68	/	/	5.53	/	/	<=34.77	Pass
		Inner_1RB_Right	17.65	/	/	5.50	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant0: -10.00dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15_S_10M_NTNV_ERP

5G NR n71 SCS=15kHz SISO 10MHz NTNv										
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	23.85	/	/	11.70	/	/	<=34.77	Pass
		Edge_1RB_Right	23.74	/	/	11.59	/	/	<=34.77	Pass
		Outer_Full	23.86	/	/	11.71	/	/	<=34.77	Pass
		Inner_Full	24.17	/	/	12.02	/	/	<=34.77	Pass
		Inner_1RB_Left	24.28	/	/	12.13	/	/	<=34.77	Pass
		Inner_1RB_Right	24.21	/	/	12.06	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	23.78	/	/	11.63	/	/	<=34.77	Pass
		Edge_1RB_Right	23.75	/	/	11.60	/	/	<=34.77	Pass
		Outer_Full	23.83	/	/	11.68	/	/	<=34.77	Pass
		Inner_Full	24.21	/	/	12.06	/	/	<=34.77	Pass

		Inner_1RB_Left	24.20	/	/	12.05	/	/	<=34.77	Pass
		Inner_1RB_Right	24.24	/	/	12.09	/	/	<=34.77	Pass
	693	Edge_1RB_Left	23.72	/	/	11.57	/	/	<=34.77	Pass
		Edge_1RB_Right	23.65	/	/	11.50	/	/	<=34.77	Pass
		Outer_Full	23.84	/	/	11.69	/	/	<=34.77	Pass
		Inner_Full	24.20	/	/	12.05	/	/	<=34.77	Pass
		Inner_1RB_Left	24.20	/	/	12.05	/	/	<=34.77	Pass
		Inner_1RB_Right	24.30	/	/	12.15	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	668	Edge_1RB_Left	23.30	/	/	11.15	/	/	<=34.77	Pass
		Edge_1RB_Right	23.19	/	/	11.04	/	/	<=34.77	Pass
		Outer_Full	23.19	/	/	11.04	/	/	<=34.77	Pass
		Inner_Full	24.11	/	/	11.96	/	/	<=34.77	Pass
		Inner_1RB_Left	24.34	/	/	12.19	/	/	<=34.77	Pass
		Inner_1RB_Right	24.23	/	/	12.08	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	23.18	/	/	11.03	/	/	<=34.77	Pass
		Edge_1RB_Right	23.17	/	/	11.02	/	/	<=34.77	Pass
		Outer_Full	23.25	/	/	11.10	/	/	<=34.77	Pass
		Inner_Full	24.07	/	/	11.92	/	/	<=34.77	Pass
		Inner_1RB_Left	24.23	/	/	12.08	/	/	<=34.77	Pass
		Inner_1RB_Right	24.20	/	/	12.05	/	/	<=34.77	Pass
	693	Edge_1RB_Left	23.17	/	/	11.02	/	/	<=34.77	Pass
		Edge_1RB_Right	23.21	/	/	11.06	/	/	<=34.77	Pass
		Outer_Full	23.26	/	/	11.11	/	/	<=34.77	Pass
		Inner_Full	24.11	/	/	11.96	/	/	<=34.77	Pass
		Inner_1RB_Left	24.24	/	/	12.09	/	/	<=34.77	Pass
		Inner_1RB_Right	24.30	/	/	12.15	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	668	Edge_1RB_Left	22.04	/	/	9.89	/	/	<=34.77	Pass
		Edge_1RB_Right	22.01	/	/	9.86	/	/	<=34.77	Pass
		Outer_Full	22.15	/	/	10.00	/	/	<=34.77	Pass
		Inner_Full	23.10	/	/	10.95	/	/	<=34.77	Pass
		Inner_1RB_Left	23.07	/	/	10.92	/	/	<=34.77	Pass
		Inner_1RB_Right	23.06	/	/	10.91	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.98	/	/	9.83	/	/	<=34.77	Pass
		Edge_1RB_Right	22.09	/	/	9.94	/	/	<=34.77	Pass
		Outer_Full	22.09	/	/	9.94	/	/	<=34.77	Pass
		Inner_Full	23.10	/	/	10.95	/	/	<=34.77	Pass
		Inner_1RB_Left	23.04	/	/	10.89	/	/	<=34.77	Pass
		Inner_1RB_Right	23.07	/	/	10.93	/	/	<=34.77	Pass
	693	Edge_1RB_Left	22.00	/	/	9.85	/	/	<=34.77	Pass
		Edge_1RB_Right	21.96	/	/	9.82	/	/	<=34.77	Pass
		Outer_Full	22.13	/	/	9.98	/	/	<=34.77	Pass
		Inner_Full	23.12	/	/	10.97	/	/	<=34.77	Pass
		Inner_1RB_Left	23.03	/	/	10.88	/	/	<=34.77	Pass
		Inner_1RB_Right	22.98	/	/	10.83	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	668	Edge_1RB_Left	21.84	/	/	9.69	/	/	<=34.77	Pass
		Edge_1RB_Right	21.82	/	/	9.67	/	/	<=34.77	Pass
		Outer_Full	21.61	/	/	9.46	/	/	<=34.77	Pass
		Inner_Full	21.63	/	/	9.48	/	/	<=34.77	Pass
		Inner_1RB_Left	21.88	/	/	9.73	/	/	<=34.77	Pass
		Inner_1RB_Right	21.84	/	/	9.69	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.83	/	/	9.68	/	/	<=34.77	Pass
		Edge_1RB_Right	21.84	/	/	9.69	/	/	<=34.77	Pass
		Outer_Full	21.60	/	/	9.45	/	/	<=34.77	Pass
		Inner_Full	21.66	/	/	9.51	/	/	<=34.77	Pass
		Inner_1RB_Left	21.82	/	/	9.67	/	/	<=34.77	Pass
		Inner_1RB_Right	21.88	/	/	9.73	/	/	<=34.77	Pass
	693	Edge_1RB_Left	21.75	/	/	9.60	/	/	<=34.77	Pass
		Edge_1RB_Right	21.77	/	/	9.62	/	/	<=34.77	Pass
		Outer_Full	21.59	/	/	9.44	/	/	<=34.77	Pass
		Inner_Full	21.71	/	/	9.56	/	/	<=34.77	Pass
		Inner_1RB_Left	21.79	/	/	9.64	/	/	<=34.77	Pass
		Inner_1RB_Right	21.80	/	/	9.65	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	668	Edge_1RB_Left	19.64	/	/	7.49	/	/	<=34.77	Pass
		Edge_1RB_Right	19.66	/	/	7.51	/	/	<=34.77	Pass

		Outer_Full	19.66	/	/	7.51	/	/	<=34.77	Pass	
		Inner_Full	19.53	/	/	7.38	/	/	<=34.77	Pass	
		Inner_1RB_Left	19.74	/	/	7.59	/	/	<=34.77	Pass	
		Inner_1RB_Right	19.73	/	/	7.58	/	/	<=34.77	Pass	
	680.5	Edge_1RB_Left	19.68	/	/	7.53	/	/	<=34.77	Pass	
		Edge_1RB_Right	19.82	/	/	7.67	/	/	<=34.77	Pass	
		Outer_Full	19.69	/	/	7.54	/	/	<=34.77	Pass	
		Inner_Full	19.56	/	/	7.41	/	/	<=34.77	Pass	
		Inner_1RB_Left	19.72	/	/	7.57	/	/	<=34.77	Pass	
		Inner_1RB_Right	19.80	/	/	7.65	/	/	<=34.77	Pass	
		693	Edge_1RB_Left	19.66	/	/	7.51	/	/	<=34.77	Pass
			Edge_1RB_Right	19.64	/	/	7.49	/	/	<=34.77	Pass
	Outer_Full		19.69	/	/	7.54	/	/	<=34.77	Pass	
	Inner_Full		19.59	/	/	7.44	/	/	<=34.77	Pass	
		Inner_1RB_Left	19.71	/	/	7.57	/	/	<=34.77	Pass	
		Inner_1RB_Right	19.69	/	/	7.54	/	/	<=34.77	Pass	

CP-OFDM QPSK		Edge_1RB_Left	21.34	/	/	9.19	/	/	<=34.77	Pass	
		Edge_1RB_Right	21.31	/	/	9.16	/	/	<=34.77	Pass	
		Outer_Full	21.21	/	/	9.06	/	/	<=34.77	Pass	
		Inner_Full	22.58	/	/	10.43	/	/	<=34.77	Pass	
		Inner_1RB_Left	22.72	/	/	10.57	/	/	<=34.77	Pass	
		Inner_1RB_Right	22.67	/	/	10.52	/	/	<=34.77	Pass	
		680.5	Edge_1RB_Left	21.23	/	/	9.08	/	/	<=34.77	Pass
			Edge_1RB_Right	21.31	/	/	9.16	/	/	<=34.77	Pass
	Outer_Full		21.21	/	/	9.06	/	/	<=34.77	Pass	
	Inner_Full		22.64	/	/	10.49	/	/	<=34.77	Pass	
		Inner_1RB_Left	22.69	/	/	10.54	/	/	<=34.77	Pass	
		Inner_1RB_Right	22.60	/	/	10.45	/	/	<=34.77	Pass	
		693	Edge_1RB_Left	21.25	/	/	9.10	/	/	<=34.77	Pass
			Edge_1RB_Right	21.18	/	/	9.03	/	/	<=34.77	Pass
	Outer_Full		21.21	/	/	9.06	/	/	<=34.77	Pass	
	Inner_Full		22.73	/	/	10.58	/	/	<=34.77	Pass	
	Inner_1RB_Left	22.72	/	/	10.57	/	/	<=34.77	Pass		
	Inner_1RB_Right	22.51	/	/	10.36	/	/	<=34.77	Pass		

CP-OFDM 16 QAM		Edge_1RB_Left	21.06	/	/	8.91	/	/	<=34.77	Pass	
		Edge_1RB_Right	21.12	/	/	8.97	/	/	<=34.77	Pass	
		Outer_Full	21.16	/	/	9.01	/	/	<=34.77	Pass	
		Inner_Full	22.11	/	/	9.96	/	/	<=34.77	Pass	
		Inner_1RB_Left	22.09	/	/	9.94	/	/	<=34.77	Pass	
		Inner_1RB_Right	22.07	/	/	9.92	/	/	<=34.77	Pass	
		680.5	Edge_1RB_Left	21.06	/	/	8.91	/	/	<=34.77	Pass
			Edge_1RB_Right	21.39	/	/	9.24	/	/	<=34.77	Pass
	Outer_Full		21.18	/	/	9.03	/	/	<=34.77	Pass	
	Inner_Full		22.04	/	/	9.89	/	/	<=34.77	Pass	
		Inner_1RB_Left	22.03	/	/	9.88	/	/	<=34.77	Pass	
		Inner_1RB_Right	22.06	/	/	9.91	/	/	<=34.77	Pass	
		693	Edge_1RB_Left	21.04	/	/	8.89	/	/	<=34.77	Pass
			Edge_1RB_Right	20.98	/	/	8.83	/	/	<=34.77	Pass
	Outer_Full		21.19	/	/	9.04	/	/	<=34.77	Pass	
	Inner_Full		22.07	/	/	9.92	/	/	<=34.77	Pass	
	Inner_1RB_Left	21.99	/	/	9.84	/	/	<=34.77	Pass		
	Inner_1RB_Right	21.98	/	/	9.83	/	/	<=34.77	Pass		

CP-OFDM 64 QAM		Edge_1RB_Left	20.81	/	/	8.66	/	/	<=34.77	Pass	
		Edge_1RB_Right	20.75	/	/	8.60	/	/	<=34.77	Pass	
		Outer_Full	20.59	/	/	8.44	/	/	<=34.77	Pass	
		Inner_Full	20.54	/	/	8.39	/	/	<=34.77	Pass	
		Inner_1RB_Left	20.89	/	/	8.74	/	/	<=34.77	Pass	
		Inner_1RB_Right	20.80	/	/	8.65	/	/	<=34.77	Pass	
		680.5	Edge_1RB_Left	20.76	/	/	8.61	/	/	<=34.77	Pass
			Edge_1RB_Right	20.79	/	/	8.64	/	/	<=34.77	Pass
	Outer_Full		20.66	/	/	8.51	/	/	<=34.77	Pass	
	Inner_Full		20.50	/	/	8.35	/	/	<=34.77	Pass	
		Inner_1RB_Left	20.83	/	/	8.68	/	/	<=34.77	Pass	
		Inner_1RB_Right	20.83	/	/	8.68	/	/	<=34.77	Pass	

	693	Edge_1RB_Left	20.80	/	/	8.65	/	/	<=34.77	Pass	
		Edge_1RB_Right	20.78	/	/	8.63	/	/	<=34.77	Pass	
		Outer_Full	20.67	/	/	8.52	/	/	<=34.77	Pass	
		Inner_Full	20.64	/	/	8.49	/	/	<=34.77	Pass	
		Inner_1RB_Left	20.76	/	/	8.61	/	/	<=34.77	Pass	
		Inner_1RB_Right	20.77	/	/	8.62	/	/	<=34.77	Pass	
CP-OFDM 256 QAM	668	Edge_1RB_Left	17.76	/	/	5.61	/	/	<=34.77	Pass	
		Edge_1RB_Right	17.57	/	/	5.42	/	/	<=34.77	Pass	
		Outer_Full	17.67	/	/	5.52	/	/	<=34.77	Pass	
		Inner_Full	17.59	/	/	5.44	/	/	<=34.77	Pass	
		Inner_1RB_Left	14.91	/	/	2.76	/	/	<=34.77	Pass	
		Inner_1RB_Right	17.83	/	/	5.68	/	/	<=34.77	Pass	
	680.5	Edge_1RB_Left	17.68	/	/	5.53	/	/	<=34.77	Pass	
		Edge_1RB_Right	17.76	/	/	5.61	/	/	<=34.77	Pass	
		Outer_Full	17.72	/	/	5.57	/	/	<=34.77	Pass	
		Inner_Full	17.52	/	/	5.37	/	/	<=34.77	Pass	
		Inner_1RB_Left	17.72	/	/	5.57	/	/	<=34.77	Pass	
		Inner_1RB_Right	17.79	/	/	5.64	/	/	<=34.77	Pass	
	693	Edge_1RB_Left	17.69	/	/	5.54	/	/	<=34.77	Pass	
		Edge_1RB_Right	17.50	/	/	5.35	/	/	<=34.77	Pass	
		Outer_Full	17.69	/	/	5.54	/	/	<=34.77	Pass	
		Inner_Full	17.62	/	/	5.47	/	/	<=34.77	Pass	
		Inner_1RB_Left	17.71	/	/	5.56	/	/	<=34.77	Pass	
			Inner_1RB_Right	17.74	/	/	5.59	/	/	<=34.77	Pass
	Note1: Antenna Gain: Ant0: -10.00dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.3 15_S_15M_NTNV_ERP

5G NR n71 SCS=15kHz SISO 15MHz NTNv										
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	23.79	/	/	11.64	/	/	<=34.77	Pass
		Edge_1RB_Right	23.52	/	/	11.37	/	/	<=34.77	Pass
		Outer_Full	23.94	/	/	11.79	/	/	<=34.77	Pass
		Inner_Full	24.24	/	/	12.09	/	/	<=34.77	Pass
		Inner_1RB_Left	24.21	/	/	12.06	/	/	<=34.77	Pass
		Inner_1RB_Right	24.05	/	/	11.90	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	23.71	/	/	11.56	/	/	<=34.77	Pass
		Edge_1RB_Right	23.67	/	/	11.52	/	/	<=34.77	Pass
		Outer_Full	23.94	/	/	11.79	/	/	<=34.77	Pass
		Inner_Full	24.27	/	/	12.12	/	/	<=34.77	Pass
		Inner_1RB_Left	24.15	/	/	12.00	/	/	<=34.77	Pass
		Inner_1RB_Right	24.14	/	/	11.99	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	23.64	/	/	11.49	/	/	<=34.77	Pass
		Edge_1RB_Right	23.55	/	/	11.40	/	/	<=34.77	Pass
		Outer_Full	23.89	/	/	11.74	/	/	<=34.77	Pass
		Inner_Full	24.26	/	/	12.11	/	/	<=34.77	Pass
		Inner_1RB_Left	24.12	/	/	11.97	/	/	<=34.77	Pass
		Inner_1RB_Right	24.17	/	/	12.02	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	670.5	Edge_1RB_Left	23.22	/	/	11.07	/	/	<=34.77	Pass
		Edge_1RB_Right	23.02	/	/	10.87	/	/	<=34.77	Pass
		Outer_Full	23.28	/	/	11.13	/	/	<=34.77	Pass
		Inner_Full	24.13	/	/	11.98	/	/	<=34.77	Pass
		Inner_1RB_Left	24.24	/	/	12.09	/	/	<=34.77	Pass
		Inner_1RB_Right	24.10	/	/	11.95	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	23.11	/	/	10.96	/	/	<=34.77	Pass
		Edge_1RB_Right	23.09	/	/	10.94	/	/	<=34.77	Pass
		Outer_Full	23.33	/	/	11.18	/	/	<=34.77	Pass
		Inner_Full	24.18	/	/	12.03	/	/	<=34.77	Pass
		Inner_1RB_Left	24.16	/	/	12.01	/	/	<=34.77	Pass
		Inner_1RB_Right	24.13	/	/	11.98	/	/	<=34.77	Pass

	690.5	Edge_1RB_Left	23.10	/	/	10.95	/	/	<=34.77	Pass
		Edge_1RB_Right	23.09	/	/	10.94	/	/	<=34.77	Pass
		Outer_Full	23.28	/	/	11.13	/	/	<=34.77	Pass
		Inner_Full	24.22	/	/	12.07	/	/	<=34.77	Pass
		Inner_1RB_Left	24.14	/	/	11.99	/	/	<=34.77	Pass
		Inner_1RB_Right	24.18	/	/	12.03	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	670.5	Edge_1RB_Left	21.95	/	/	9.80	/	/	<=34.77	Pass
		Edge_1RB_Right	21.84	/	/	9.69	/	/	<=34.77	Pass
		Outer_Full	22.15	/	/	10.00	/	/	<=34.77	Pass
		Inner_Full	23.17	/	/	11.02	/	/	<=34.77	Pass
		Inner_1RB_Left	22.97	/	/	10.82	/	/	<=34.77	Pass
		Inner_1RB_Right	22.89	/	/	10.74	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.93	/	/	9.78	/	/	<=34.77	Pass
		Edge_1RB_Right	21.92	/	/	9.77	/	/	<=34.77	Pass
		Outer_Full	22.21	/	/	10.06	/	/	<=34.77	Pass
		Inner_Full	23.17	/	/	11.02	/	/	<=34.77	Pass
		Inner_1RB_Left	22.98	/	/	10.83	/	/	<=34.77	Pass
		Inner_1RB_Right	22.95	/	/	10.80	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	21.90	/	/	9.75	/	/	<=34.77	Pass
		Edge_1RB_Right	21.88	/	/	9.73	/	/	<=34.77	Pass
		Outer_Full	22.19	/	/	10.04	/	/	<=34.77	Pass
		Inner_Full	23.19	/	/	11.04	/	/	<=34.77	Pass
		Inner_1RB_Left	22.94	/	/	10.79	/	/	<=34.77	Pass
		Inner_1RB_Right	22.92	/	/	10.77	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	670.5	Edge_1RB_Left	21.80	/	/	9.65	/	/	<=34.77	Pass
		Edge_1RB_Right	21.61	/	/	9.46	/	/	<=34.77	Pass
		Outer_Full	21.66	/	/	9.51	/	/	<=34.77	Pass
		Inner_Full	21.72	/	/	9.57	/	/	<=34.77	Pass
		Inner_1RB_Left	21.84	/	/	9.69	/	/	<=34.77	Pass
		Inner_1RB_Right	21.70	/	/	9.55	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.73	/	/	9.58	/	/	<=34.77	Pass
		Edge_1RB_Right	21.75	/	/	9.60	/	/	<=34.77	Pass
		Outer_Full	21.66	/	/	9.51	/	/	<=34.77	Pass
		Inner_Full	21.73	/	/	9.58	/	/	<=34.77	Pass
		Inner_1RB_Left	21.77	/	/	9.62	/	/	<=34.77	Pass
		Inner_1RB_Right	21.76	/	/	9.61	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	21.74	/	/	9.59	/	/	<=34.77	Pass
		Edge_1RB_Right	21.71	/	/	9.56	/	/	<=34.77	Pass
		Outer_Full	21.57	/	/	9.42	/	/	<=34.77	Pass
		Inner_Full	21.77	/	/	9.62	/	/	<=34.77	Pass
		Inner_1RB_Left	21.75	/	/	9.60	/	/	<=34.77	Pass
		Inner_1RB_Right	21.70	/	/	9.55	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	670.5	Edge_1RB_Left	19.61	/	/	7.46	/	/	<=34.77	Pass
		Edge_1RB_Right	19.54	/	/	7.39	/	/	<=34.77	Pass
		Outer_Full	19.73	/	/	7.58	/	/	<=34.77	Pass
		Inner_Full	19.73	/	/	7.58	/	/	<=34.77	Pass
		Inner_1RB_Left	19.77	/	/	7.62	/	/	<=34.77	Pass
		Inner_1RB_Right	19.59	/	/	7.44	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.62	/	/	7.47	/	/	<=34.77	Pass
		Edge_1RB_Right	19.62	/	/	7.47	/	/	<=34.77	Pass
		Outer_Full	19.83	/	/	7.68	/	/	<=34.77	Pass
		Inner_Full	19.69	/	/	7.54	/	/	<=34.77	Pass
		Inner_1RB_Left	19.66	/	/	7.51	/	/	<=34.77	Pass
		Inner_1RB_Right	19.67	/	/	7.52	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	19.54	/	/	7.39	/	/	<=34.77	Pass
		Edge_1RB_Right	19.54	/	/	7.39	/	/	<=34.77	Pass
		Outer_Full	19.77	/	/	7.62	/	/	<=34.77	Pass
		Inner_Full	19.70	/	/	7.55	/	/	<=34.77	Pass
		Inner_1RB_Left	19.58	/	/	7.43	/	/	<=34.77	Pass
		Inner_1RB_Right	19.59	/	/	7.44	/	/	<=34.77	Pass
CP-OFDM QPSK	670.5	Edge_1RB_Left	21.25	/	/	9.10	/	/	<=34.77	Pass
		Edge_1RB_Right	21.17	/	/	9.02	/	/	<=34.77	Pass
		Outer_Full	21.25	/	/	9.10	/	/	<=34.77	Pass
		Inner_Full	22.69	/	/	10.54	/	/	<=34.77	Pass

		Inner_1RB_Left	22.64	/	/	10.49	/	/	<=34.77	Pass
		Inner_1RB_Right	22.54	/	/	10.39	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.19	/	/	9.04	/	/	<=34.77	Pass
		Edge_1RB_Right	21.13	/	/	8.98	/	/	<=34.77	Pass
		Outer_Full	21.28	/	/	9.13	/	/	<=34.77	Pass
		Inner_Full	22.68	/	/	10.53	/	/	<=34.77	Pass
		Inner_1RB_Left	22.69	/	/	10.54	/	/	<=34.77	Pass
		Inner_1RB_Right	22.73	/	/	10.58	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	21.20	/	/	9.05	/	/	<=34.77	Pass
		Edge_1RB_Right	21.14	/	/	8.99	/	/	<=34.77	Pass
		Outer_Full	21.30	/	/	9.15	/	/	<=34.77	Pass
		Inner_Full	22.68	/	/	10.53	/	/	<=34.77	Pass
		Inner_1RB_Left	22.61	/	/	10.46	/	/	<=34.77	Pass
		Inner_1RB_Right	22.49	/	/	10.34	/	/	<=34.77	Pass
CP-OFDM 16 QAM	670.5	Edge_1RB_Left	20.99	/	/	8.84	/	/	<=34.77	Pass
		Edge_1RB_Right	20.87	/	/	8.72	/	/	<=34.77	Pass
		Outer_Full	21.22	/	/	9.07	/	/	<=34.77	Pass
		Inner_Full	22.14	/	/	9.99	/	/	<=34.77	Pass
		Inner_1RB_Left	22.01	/	/	9.86	/	/	<=34.77	Pass
		Inner_1RB_Right	21.90	/	/	9.75	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.93	/	/	8.78	/	/	<=34.77	Pass
		Edge_1RB_Right	20.94	/	/	8.79	/	/	<=34.77	Pass
		Outer_Full	21.28	/	/	9.13	/	/	<=34.77	Pass
		Inner_Full	22.15	/	/	10.00	/	/	<=34.77	Pass
		Inner_1RB_Left	21.89	/	/	9.74	/	/	<=34.77	Pass
		Inner_1RB_Right	21.98	/	/	9.83	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	20.91	/	/	8.76	/	/	<=34.77	Pass
		Edge_1RB_Right	20.86	/	/	8.71	/	/	<=34.77	Pass
		Outer_Full	21.28	/	/	9.13	/	/	<=34.77	Pass
		Inner_Full	22.20	/	/	10.05	/	/	<=34.77	Pass
		Inner_1RB_Left	21.94	/	/	9.79	/	/	<=34.77	Pass
		Inner_1RB_Right	21.90	/	/	9.75	/	/	<=34.77	Pass
CP-OFDM 64 QAM	670.5	Edge_1RB_Left	20.68	/	/	8.53	/	/	<=34.77	Pass
		Edge_1RB_Right	20.64	/	/	8.49	/	/	<=34.77	Pass
		Outer_Full	20.68	/	/	8.53	/	/	<=34.77	Pass
		Inner_Full	20.73	/	/	8.58	/	/	<=34.77	Pass
		Inner_1RB_Left	20.82	/	/	8.67	/	/	<=34.77	Pass
		Inner_1RB_Right	20.69	/	/	8.54	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.70	/	/	8.55	/	/	<=34.77	Pass
		Edge_1RB_Right	20.71	/	/	8.56	/	/	<=34.77	Pass
		Outer_Full	20.74	/	/	8.59	/	/	<=34.77	Pass
		Inner_Full	20.76	/	/	8.61	/	/	<=34.77	Pass
		Inner_1RB_Left	20.80	/	/	8.65	/	/	<=34.77	Pass
		Inner_1RB_Right	20.47	/	/	8.32	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	20.38	/	/	8.23	/	/	<=34.77	Pass
		Edge_1RB_Right	20.63	/	/	8.48	/	/	<=34.77	Pass
		Outer_Full	20.73	/	/	8.58	/	/	<=34.77	Pass
		Inner_Full	20.65	/	/	8.50	/	/	<=34.77	Pass
		Inner_1RB_Left	20.71	/	/	8.56	/	/	<=34.77	Pass
		Inner_1RB_Right	20.68	/	/	8.53	/	/	<=34.77	Pass
CP-OFDM 256 QAM	670.5	Edge_1RB_Left	17.67	/	/	5.52	/	/	<=34.77	Pass
		Edge_1RB_Right	17.55	/	/	5.40	/	/	<=34.77	Pass
		Outer_Full	17.77	/	/	5.62	/	/	<=34.77	Pass
		Inner_Full	17.71	/	/	5.56	/	/	<=34.77	Pass
		Inner_1RB_Left	17.67	/	/	5.52	/	/	<=34.77	Pass
		Inner_1RB_Right	17.63	/	/	5.48	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	17.59	/	/	5.44	/	/	<=34.77	Pass
		Edge_1RB_Right	17.54	/	/	5.39	/	/	<=34.77	Pass
		Outer_Full	17.73	/	/	5.58	/	/	<=34.77	Pass
		Inner_Full	17.72	/	/	5.57	/	/	<=34.77	Pass
		Inner_1RB_Left	17.68	/	/	5.53	/	/	<=34.77	Pass
		Inner_1RB_Right	17.52	/	/	5.37	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	17.61	/	/	5.46	/	/	<=34.77	Pass
		Edge_1RB_Right	17.58	/	/	5.43	/	/	<=34.77	Pass

		Outer_Full	15.75	/	/	3.60	/	/	<=34.77	Pass
		Inner_Full	17.65	/	/	5.50	/	/	<=34.77	Pass
		Inner_1RB_Left	17.66	/	/	5.51	/	/	<=34.77	Pass
		Inner_1RB_Right	17.62	/	/	5.47	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant0: -10.00dBi; 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	23.75	/	/	11.60	/	/	<=34.77	Pass
		Edge_1RB_Right	23.60	/	/	11.45	/	/	<=34.77	Pass
		Outer_Full	23.90	/	/	11.75	/	/	<=34.77	Pass
		Inner_Full	24.25	/	/	12.10	/	/	<=34.77	Pass
		Inner_1RB_Left	24.19	/	/	12.04	/	/	<=34.77	Pass
		Inner_1RB_Right	24.11	/	/	11.96	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	23.66	/	/	11.51	/	/	<=34.77	Pass
		Edge_1RB_Right	23.64	/	/	11.49	/	/	<=34.77	Pass
		Outer_Full	23.89	/	/	11.74	/	/	<=34.77	Pass
		Inner_Full	24.31	/	/	12.16	/	/	<=34.77	Pass
		Inner_1RB_Left	24.14	/	/	11.99	/	/	<=34.77	Pass
		Inner_1RB_Right	24.14	/	/	11.99	/	/	<=34.77	Pass
	688	Edge_1RB_Left	23.68	/	/	11.53	/	/	<=34.77	Pass
		Edge_1RB_Right	23.57	/	/	11.42	/	/	<=34.77	Pass
		Outer_Full	23.90	/	/	11.75	/	/	<=34.77	Pass
		Inner_Full	24.27	/	/	12.12	/	/	<=34.77	Pass
		Inner_1RB_Left	24.14	/	/	11.99	/	/	<=34.77	Pass
		Inner_1RB_Right	24.19	/	/	12.04	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	673	Edge_1RB_Left	23.23	/	/	11.08	/	/	<=34.77	Pass
		Edge_1RB_Right	23.18	/	/	11.03	/	/	<=34.77	Pass
		Outer_Full	23.26	/	/	11.11	/	/	<=34.77	Pass
		Inner_Full	24.24	/	/	12.09	/	/	<=34.77	Pass
		Inner_1RB_Left	24.26	/	/	12.11	/	/	<=34.77	Pass
		Inner_1RB_Right	24.09	/	/	11.94	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	23.04	/	/	10.89	/	/	<=34.77	Pass
		Edge_1RB_Right	23.10	/	/	10.95	/	/	<=34.77	Pass
		Outer_Full	23.25	/	/	11.10	/	/	<=34.77	Pass
		Inner_Full	24.25	/	/	12.10	/	/	<=34.77	Pass
		Inner_1RB_Left	24.18	/	/	12.03	/	/	<=34.77	Pass
		Inner_1RB_Right	24.19	/	/	12.04	/	/	<=34.77	Pass
	688	Edge_1RB_Left	23.31	/	/	11.16	/	/	<=34.77	Pass
		Edge_1RB_Right	23.31	/	/	11.16	/	/	<=34.77	Pass
		Outer_Full	23.55	/	/	11.41	/	/	<=34.77	Pass
		Inner_Full	24.44	/	/	12.29	/	/	<=34.77	Pass
		Inner_1RB_Left	24.40	/	/	12.25	/	/	<=34.77	Pass
		Inner_1RB_Right	24.50	/	/	12.35	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	673	Edge_1RB_Left	21.98	/	/	9.83	/	/	<=34.77	Pass
		Edge_1RB_Right	21.88	/	/	9.73	/	/	<=34.77	Pass
		Outer_Full	22.17	/	/	10.02	/	/	<=34.77	Pass
		Inner_Full	23.17	/	/	11.02	/	/	<=34.77	Pass
		Inner_1RB_Left	23.01	/	/	10.86	/	/	<=34.77	Pass
		Inner_1RB_Right	22.93	/	/	10.78	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.87	/	/	9.72	/	/	<=34.77	Pass
		Edge_1RB_Right	22.07	/	/	9.92	/	/	<=34.77	Pass
		Outer_Full	22.19	/	/	10.04	/	/	<=34.77	Pass
		Inner_Full	23.19	/	/	11.04	/	/	<=34.77	Pass
		Inner_1RB_Left	22.93	/	/	10.78	/	/	<=34.77	Pass
		Inner_1RB_Right	22.99	/	/	10.84	/	/	<=34.77	Pass
	688	Edge_1RB_Left	22.15	/	/	10.00	/	/	<=34.77	Pass
		Edge_1RB_Right	22.17	/	/	10.02	/	/	<=34.77	Pass

		Outer_Full	22.42	/	/	10.27	/	/	<=34.77	Pass
		Inner_Full	23.40	/	/	11.25	/	/	<=34.77	Pass
		Inner_1RB_Left	23.15	/	/	11.00	/	/	<=34.77	Pass
		Inner_1RB_Right	23.50	/	/	11.35	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	673	Edge_1RB_Left	21.84	/	/	9.69	/	/	<=34.77	Pass
		Edge_1RB_Right	21.68	/	/	9.53	/	/	<=34.77	Pass
		Outer_Full	21.69	/	/	9.54	/	/	<=34.77	Pass
		Inner_Full	21.64	/	/	9.49	/	/	<=34.77	Pass
		Inner_1RB_Left	21.81	/	/	9.66	/	/	<=34.77	Pass
		Inner_1RB_Right	21.74	/	/	9.59	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.73	/	/	9.58	/	/	<=34.77	Pass
		Edge_1RB_Right	21.75	/	/	9.60	/	/	<=34.77	Pass
		Outer_Full	21.63	/	/	9.48	/	/	<=34.77	Pass
		Inner_Full	21.73	/	/	9.58	/	/	<=34.77	Pass
		Inner_1RB_Left	21.77	/	/	9.62	/	/	<=34.77	Pass
		Inner_1RB_Right	21.80	/	/	9.65	/	/	<=34.77	Pass
	688	Edge_1RB_Left	21.64	/	/	9.49	/	/	<=34.77	Pass
		Edge_1RB_Right	21.92	/	/	9.77	/	/	<=34.77	Pass
		Outer_Full	21.92	/	/	9.77	/	/	<=34.77	Pass
		Inner_Full	21.91	/	/	9.76	/	/	<=34.77	Pass
		Inner_1RB_Left	21.98	/	/	9.83	/	/	<=34.77	Pass
		Inner_1RB_Right	22.04	/	/	9.89	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	673	Edge_1RB_Left	19.63	/	/	7.48	/	/	<=34.77	Pass
		Edge_1RB_Right	19.55	/	/	7.40	/	/	<=34.77	Pass
		Outer_Full	19.68	/	/	7.53	/	/	<=34.77	Pass
		Inner_Full	19.70	/	/	7.55	/	/	<=34.77	Pass
		Inner_1RB_Left	19.68	/	/	7.53	/	/	<=34.77	Pass
		Inner_1RB_Right	19.57	/	/	7.42	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.57	/	/	7.42	/	/	<=34.77	Pass
		Edge_1RB_Right	19.64	/	/	7.49	/	/	<=34.77	Pass
		Outer_Full	19.72	/	/	7.57	/	/	<=34.77	Pass
		Inner_Full	19.74	/	/	7.59	/	/	<=34.77	Pass
		Inner_1RB_Left	19.60	/	/	7.45	/	/	<=34.77	Pass
		Inner_1RB_Right	19.76	/	/	7.61	/	/	<=34.77	Pass
	688	Edge_1RB_Left	19.79	/	/	7.64	/	/	<=34.77	Pass
		Edge_1RB_Right	19.73	/	/	7.58	/	/	<=34.77	Pass
		Outer_Full	19.95	/	/	7.80	/	/	<=34.77	Pass
		Inner_Full	19.94	/	/	7.79	/	/	<=34.77	Pass
		Inner_1RB_Left	19.82	/	/	7.67	/	/	<=34.77	Pass
		Inner_1RB_Right	19.83	/	/	7.68	/	/	<=34.77	Pass
CP-OFDM QPSK	673	Edge_1RB_Left	21.20	/	/	9.05	/	/	<=34.77	Pass
		Edge_1RB_Right	21.16	/	/	9.01	/	/	<=34.77	Pass
		Outer_Full	21.18	/	/	9.03	/	/	<=34.77	Pass
		Inner_Full	22.53	/	/	10.38	/	/	<=34.77	Pass
		Inner_1RB_Left	22.60	/	/	10.45	/	/	<=34.77	Pass
		Inner_1RB_Right	22.58	/	/	10.43	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.11	/	/	8.96	/	/	<=34.77	Pass
		Edge_1RB_Right	21.28	/	/	9.13	/	/	<=34.77	Pass
		Outer_Full	21.24	/	/	9.09	/	/	<=34.77	Pass
		Inner_Full	22.71	/	/	10.56	/	/	<=34.77	Pass
		Inner_1RB_Left	22.60	/	/	10.45	/	/	<=34.77	Pass
		Inner_1RB_Right	22.69	/	/	10.54	/	/	<=34.77	Pass
	688	Edge_1RB_Left	21.33	/	/	9.18	/	/	<=34.77	Pass
		Edge_1RB_Right	21.39	/	/	9.24	/	/	<=34.77	Pass
		Outer_Full	21.47	/	/	9.32	/	/	<=34.77	Pass
		Inner_Full	22.92	/	/	10.77	/	/	<=34.77	Pass
		Inner_1RB_Left	22.81	/	/	10.66	/	/	<=34.77	Pass
		Inner_1RB_Right	22.85	/	/	10.70	/	/	<=34.77	Pass
CP-OFDM 16 QAM	673	Edge_1RB_Left	20.98	/	/	8.83	/	/	<=34.77	Pass
		Edge_1RB_Right	20.95	/	/	8.80	/	/	<=34.77	Pass
		Outer_Full	21.15	/	/	9.00	/	/	<=34.77	Pass
		Inner_Full	22.16	/	/	10.01	/	/	<=34.77	Pass
		Inner_1RB_Left	21.99	/	/	9.84	/	/	<=34.77	Pass
		Inner_1RB_Right	21.94	/	/	9.79	/	/	<=34.77	Pass

	680.5	Edge_1RB_Left	20.93	/	/	8.78	/	/	<=34.77	Pass
		Edge_1RB_Right	21.05	/	/	8.90	/	/	<=34.77	Pass
		Outer_Full	21.13	/	/	8.98	/	/	<=34.77	Pass
		Inner_Full	22.19	/	/	10.04	/	/	<=34.77	Pass
		Inner_1RB_Left	21.95	/	/	9.80	/	/	<=34.77	Pass
		Inner_1RB_Right	22.00	/	/	9.85	/	/	<=34.77	Pass
	688	Edge_1RB_Left	21.08	/	/	8.93	/	/	<=34.77	Pass
		Edge_1RB_Right	21.15	/	/	9.00	/	/	<=34.77	Pass
		Outer_Full	21.38	/	/	9.23	/	/	<=34.77	Pass
		Inner_Full	22.37	/	/	10.22	/	/	<=34.77	Pass
		Inner_1RB_Left	22.07	/	/	9.92	/	/	<=34.77	Pass
		Inner_1RB_Right	22.11	/	/	9.96	/	/	<=34.77	Pass
CP-OFDM 64 QAM	673	Edge_1RB_Left	20.74	/	/	8.59	/	/	<=34.77	Pass
		Edge_1RB_Right	20.59	/	/	8.44	/	/	<=34.77	Pass
		Outer_Full	20.62	/	/	8.47	/	/	<=34.77	Pass
		Inner_Full	20.62	/	/	8.47	/	/	<=34.77	Pass
		Inner_1RB_Left	20.76	/	/	8.61	/	/	<=34.77	Pass
		Inner_1RB_Right	20.74	/	/	8.59	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.69	/	/	8.54	/	/	<=34.77	Pass
		Edge_1RB_Right	20.80	/	/	8.65	/	/	<=34.77	Pass
		Outer_Full	20.65	/	/	8.50	/	/	<=34.77	Pass
		Inner_Full	20.70	/	/	8.55	/	/	<=34.77	Pass
		Inner_1RB_Left	20.74	/	/	8.59	/	/	<=34.77	Pass
		Inner_1RB_Right	20.77	/	/	8.62	/	/	<=34.77	Pass
	688	Edge_1RB_Left	20.89	/	/	8.74	/	/	<=34.77	Pass
		Edge_1RB_Right	20.93	/	/	8.78	/	/	<=34.77	Pass
		Outer_Full	20.89	/	/	8.74	/	/	<=34.77	Pass
		Inner_Full	20.88	/	/	8.73	/	/	<=34.77	Pass
		Inner_1RB_Left	20.92	/	/	8.77	/	/	<=34.77	Pass
		Inner_1RB_Right	20.93	/	/	8.78	/	/	<=34.77	Pass
CP-OFDM 256 QAM	673	Edge_1RB_Left	17.74	/	/	5.59	/	/	<=34.77	Pass
		Edge_1RB_Right	17.60	/	/	5.45	/	/	<=34.77	Pass
		Outer_Full	17.72	/	/	5.57	/	/	<=34.77	Pass
		Inner_Full	18.10	/	/	5.95	/	/	<=34.77	Pass
		Inner_1RB_Left	18.15	/	/	6.00	/	/	<=34.77	Pass
		Inner_1RB_Right	18.06	/	/	5.91	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	17.58	/	/	5.43	/	/	<=34.77	Pass
		Edge_1RB_Right	17.70	/	/	5.55	/	/	<=34.77	Pass
		Outer_Full	17.75	/	/	5.60	/	/	<=34.77	Pass
		Inner_Full	17.74	/	/	5.59	/	/	<=34.77	Pass
		Inner_1RB_Left	17.68	/	/	5.53	/	/	<=34.77	Pass
		Inner_1RB_Right	17.70	/	/	5.55	/	/	<=34.77	Pass
	688	Edge_1RB_Left	17.77	/	/	5.62	/	/	<=34.77	Pass
		Edge_1RB_Right	17.83	/	/	5.68	/	/	<=34.77	Pass
		Outer_Full	17.93	/	/	5.78	/	/	<=34.77	Pass
Inner_Full		17.99	/	/	5.84	/	/	<=34.77	Pass	
Inner_1RB_Left		17.63	/	/	5.48	/	/	<=34.77	Pass	
Inner_1RB_Right	17.82	/	/	5.67	/	/	<=34.77	Pass		
Note1: Antenna Gain: Ant0: -10.00dBi; 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	680.5	Outer_Full	20	LV	-2.37	-0.0035	>=-2.5 & <=2.5	Pass

QPSK				HV	-1.46	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.47	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.36	-0.0049	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.79	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.56	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.34	-0.0049	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.04	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-1.07	-0.0016	≥ -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	4.50	4.93	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	4.52	4.93	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	4.54	4.95	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	4.57	5.00	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	4.55	5.00	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	4.52	4.97	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	4.52	4.94	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	4.51	4.95	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	4.54	5.00	/	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	9.01	9.76	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	9.04	9.72	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	9.02	9.76	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	9.06	9.70	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	9.04	9.70	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	9.39	10.06	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	9.35	10.10	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	9.36	10.08	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	9.35	10.05	/	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	13.53	14.51	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	13.53	14.59	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	13.59	14.65	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	13.59	14.57	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	13.59	14.57	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	14.29	15.30	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	14.26	15.28	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	14.24	15.26	/	Pass

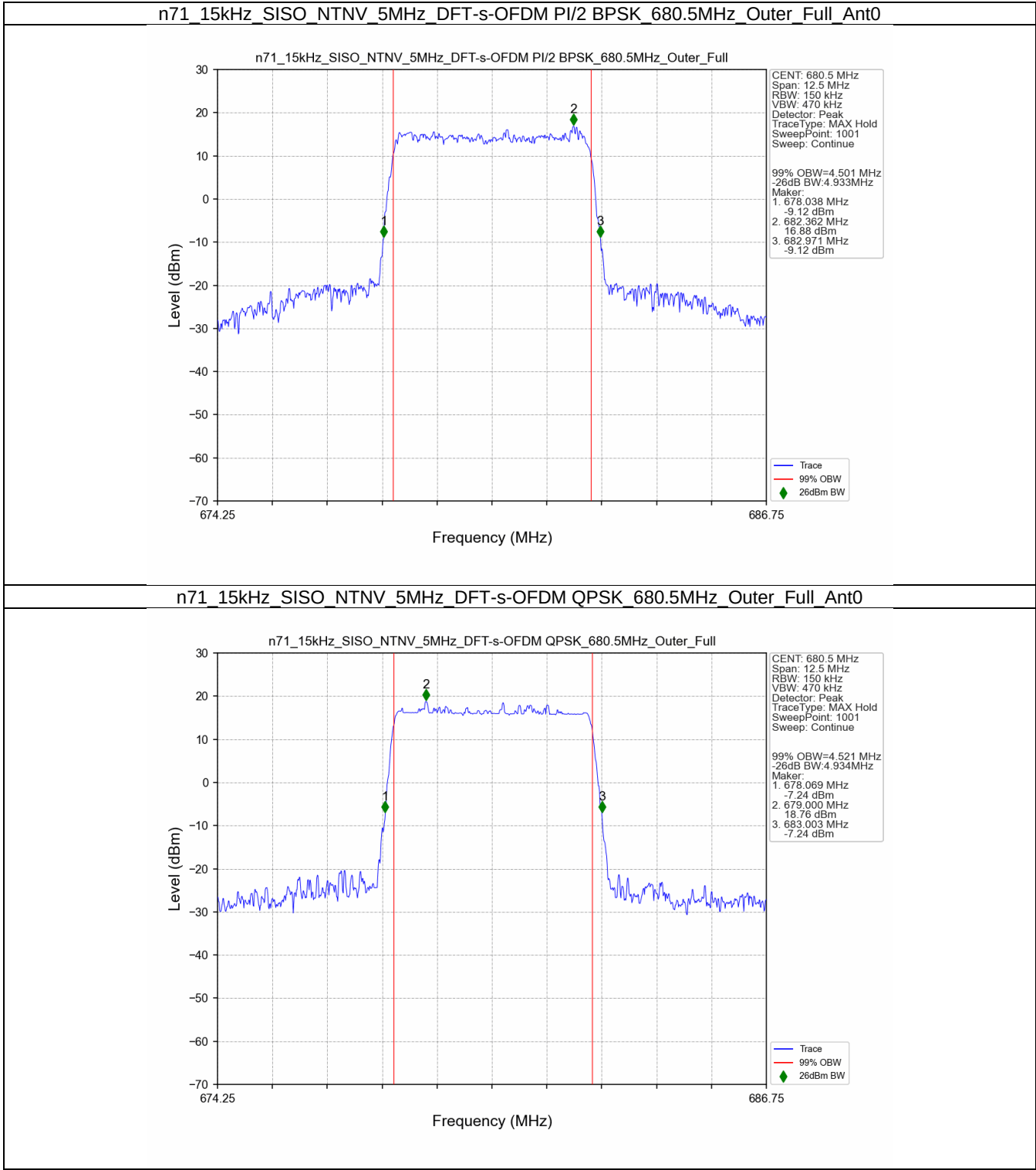
CP-OFDM 256 QAM	680.5	Outer_Full	14.24	15.22	/	Pass
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3.1.4 15_S_20M_NTNV

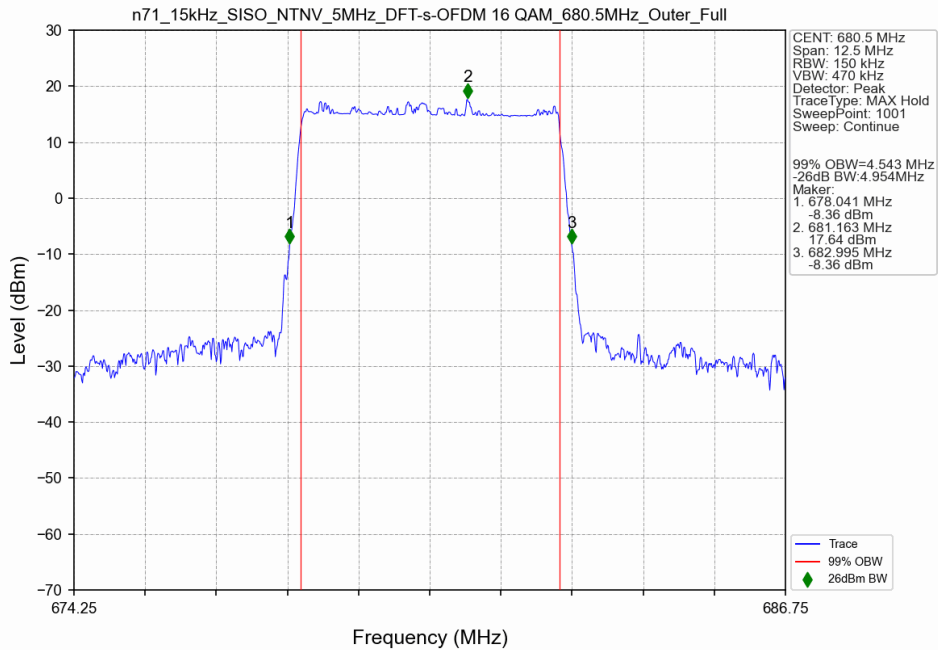
5G NR n71 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	680.5	Outer_Full	18.06	19.36	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	18.12	19.45	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	18.05	19.41	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	18.08	19.37	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	18.09	19.40	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	19.10	20.41	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	19.14	20.89	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	19.08	20.45	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	19.03	20.43	/	Pass

3.2 Test Graph

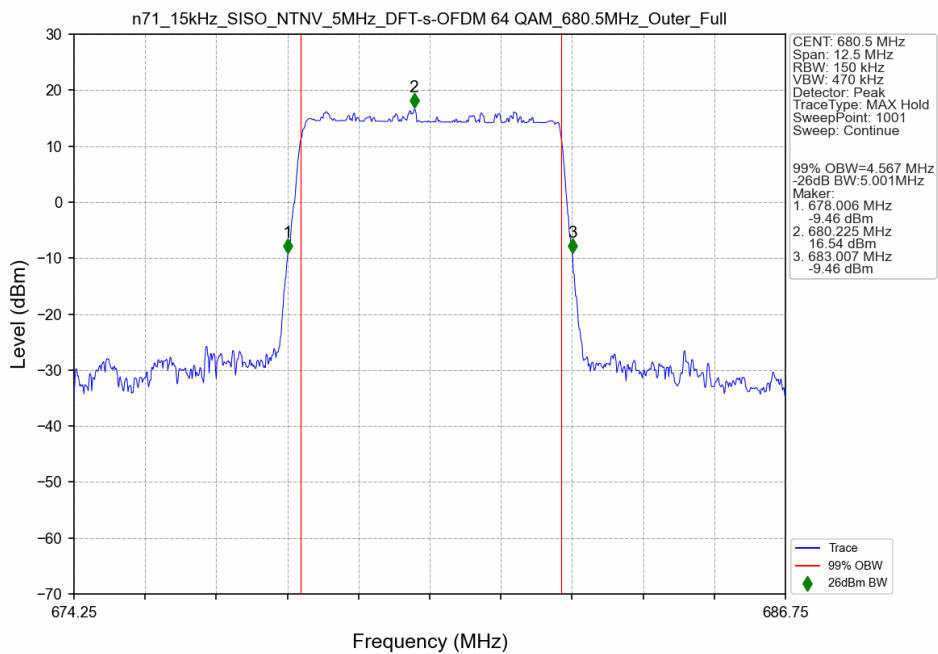
3.2.1 15_S_5M_NTNV

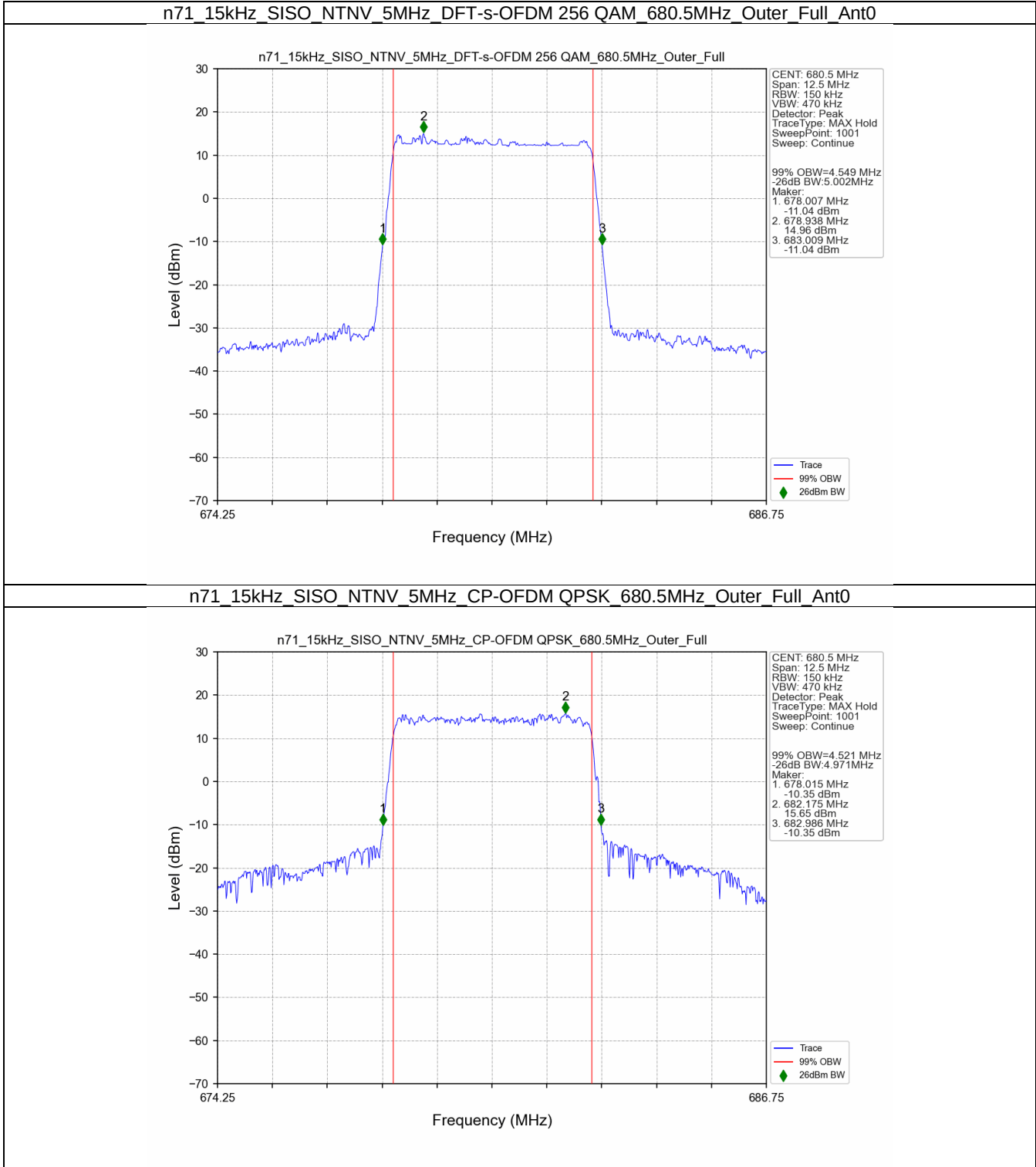


n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM 680.5MHz_Outer_Full_Ant0

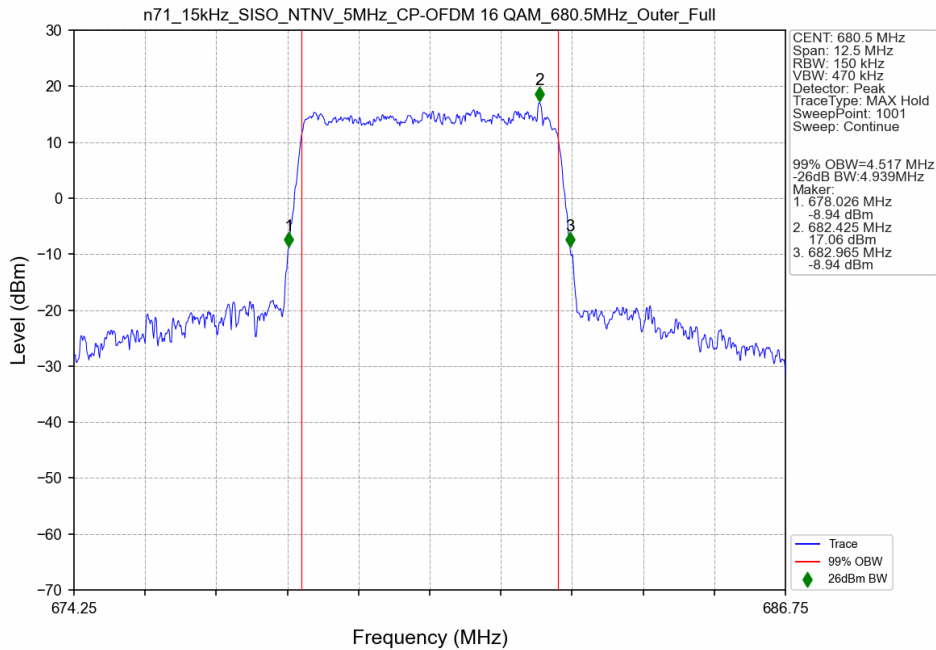


n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM 680.5MHz_Outer_Full_Ant0

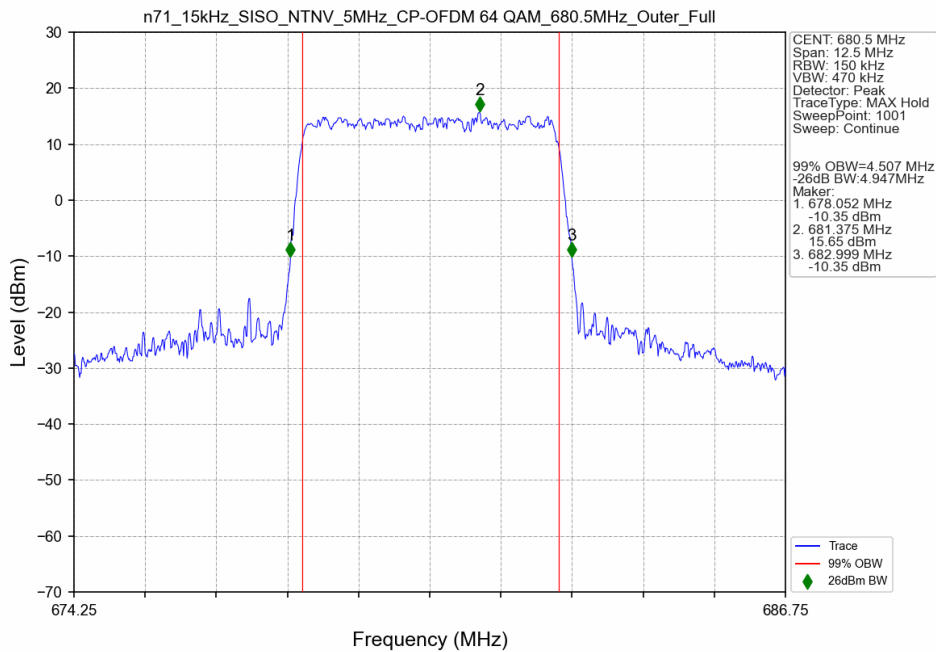




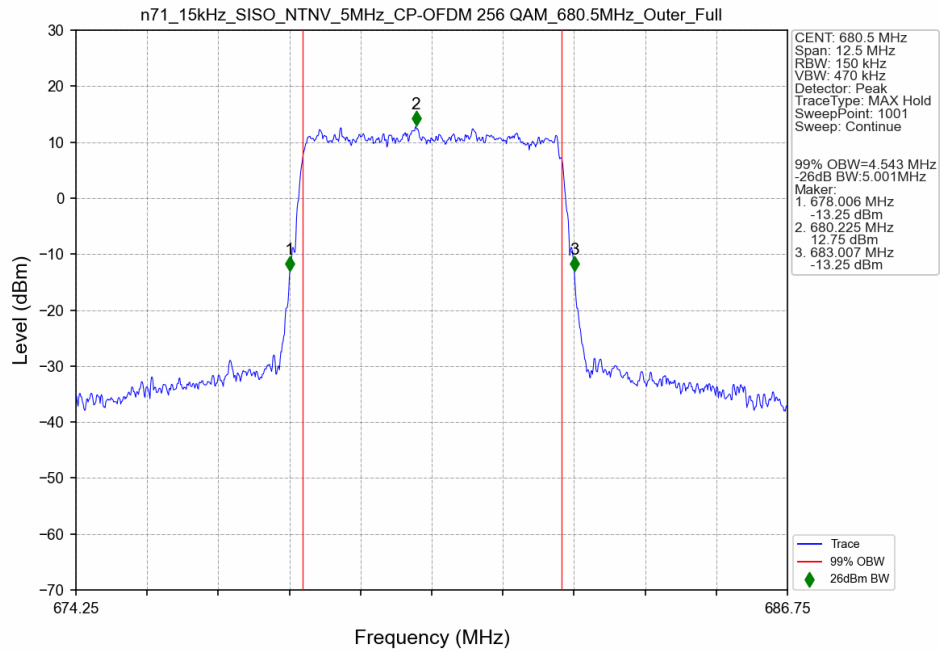
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 680.5MHz_Outer_Full_Ant0



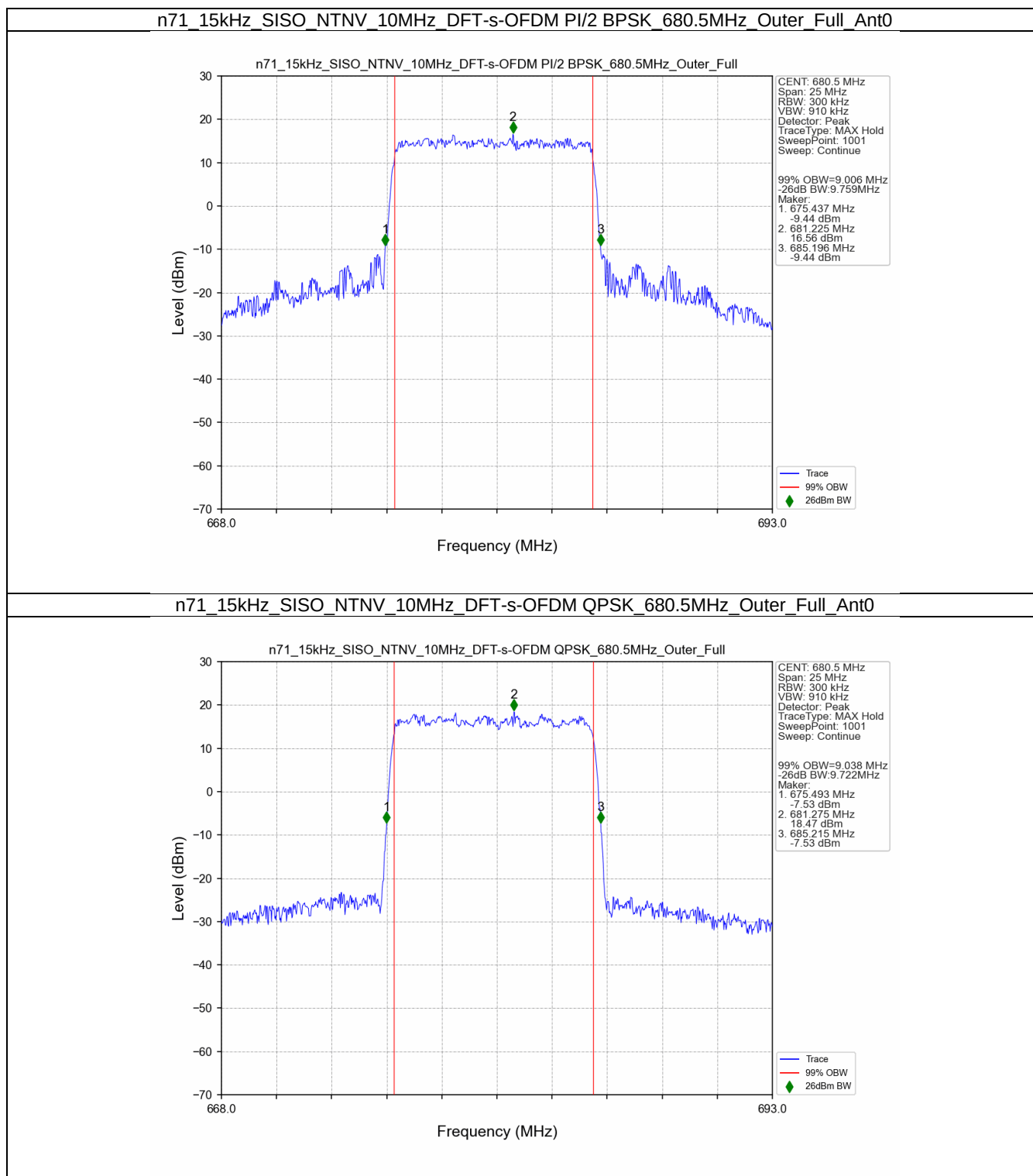
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 680.5MHz_Outer_Full_Ant0



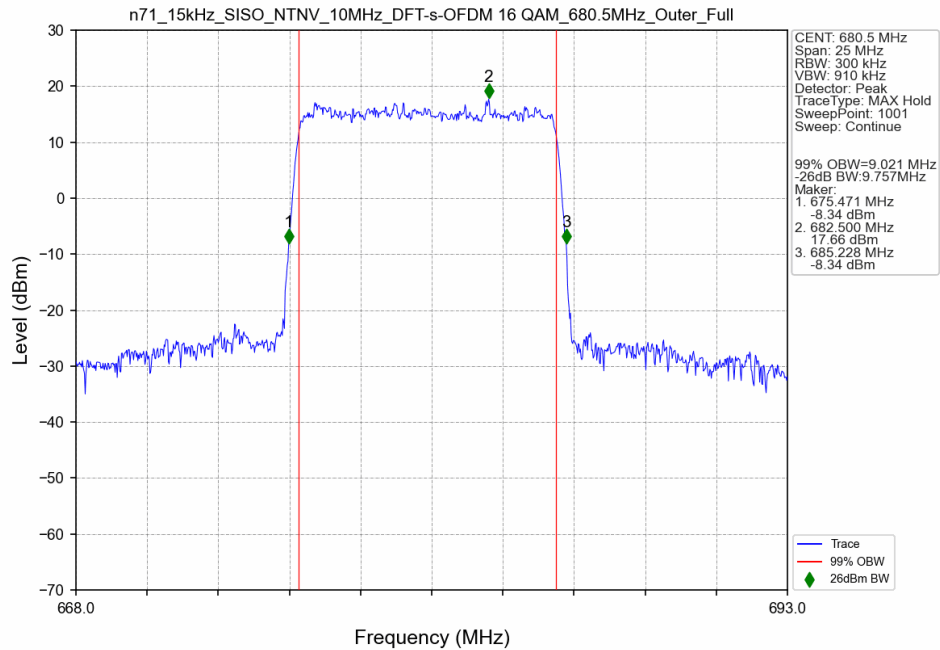
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_680.5MHz_Outer_Full_Ant0



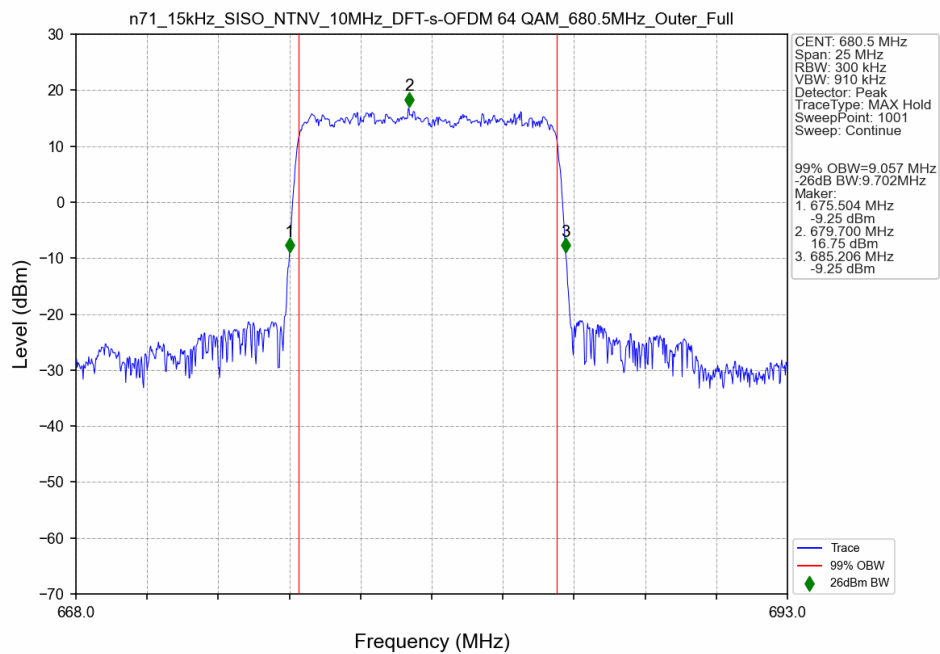
3.2.2 15_S_10M_NTNV



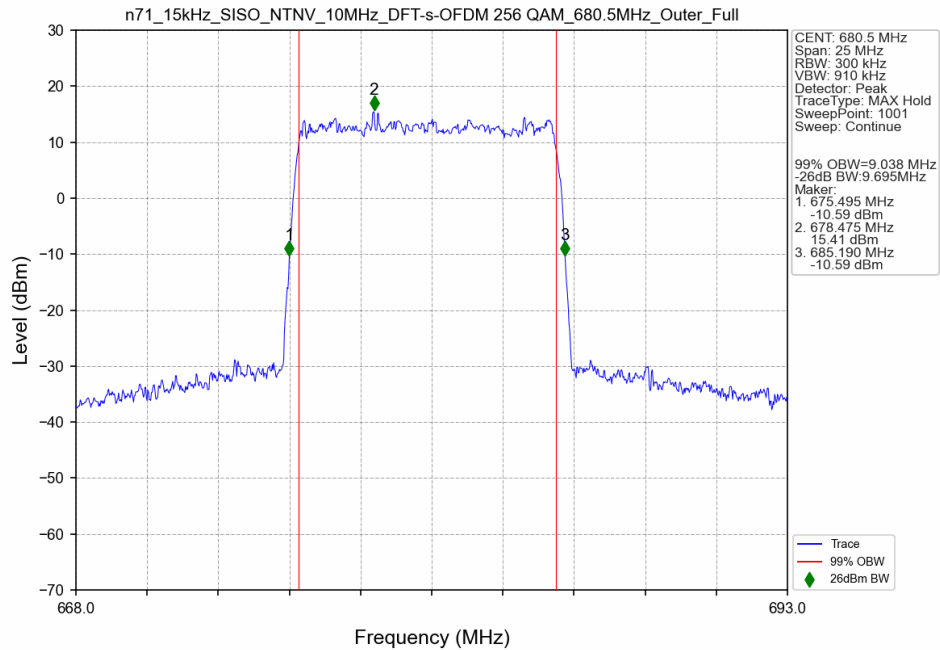
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



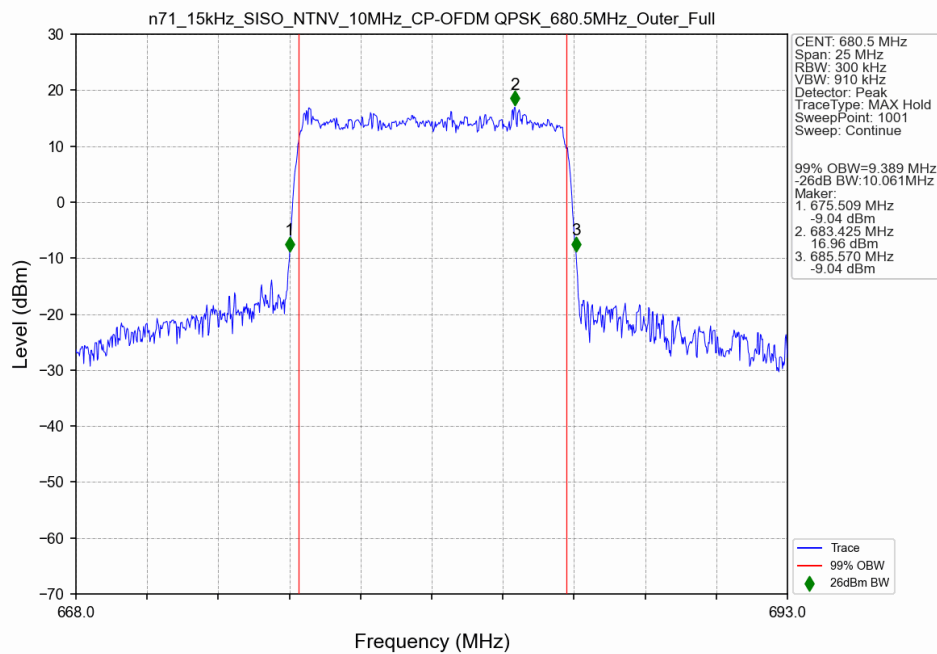
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_680.5MHz_Outer_Full_Ant0



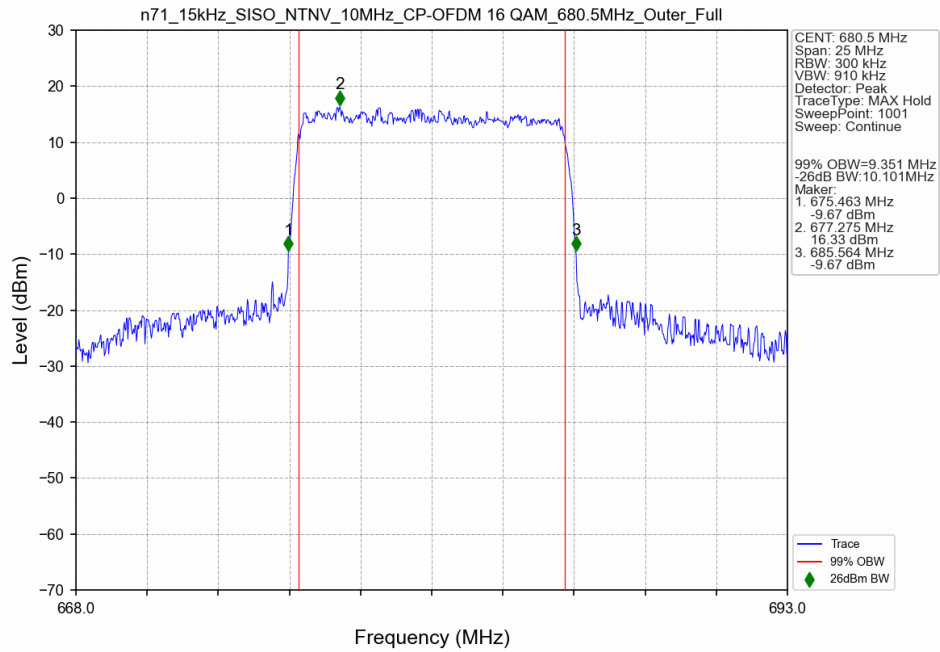
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_680.5MHz_Outer_Full_Ant0



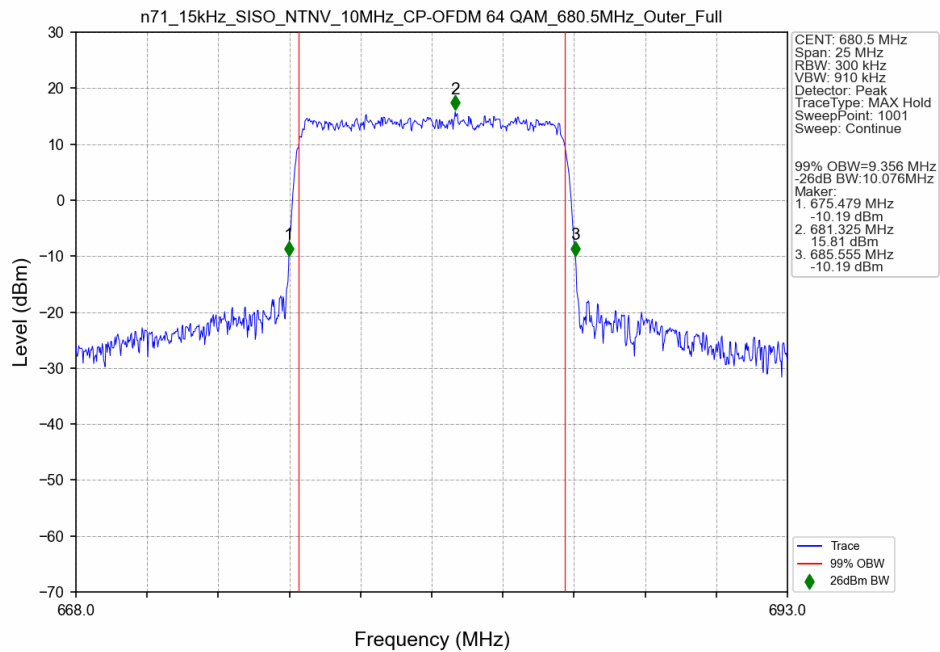
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_680.5MHz_Outer_Full_Ant0

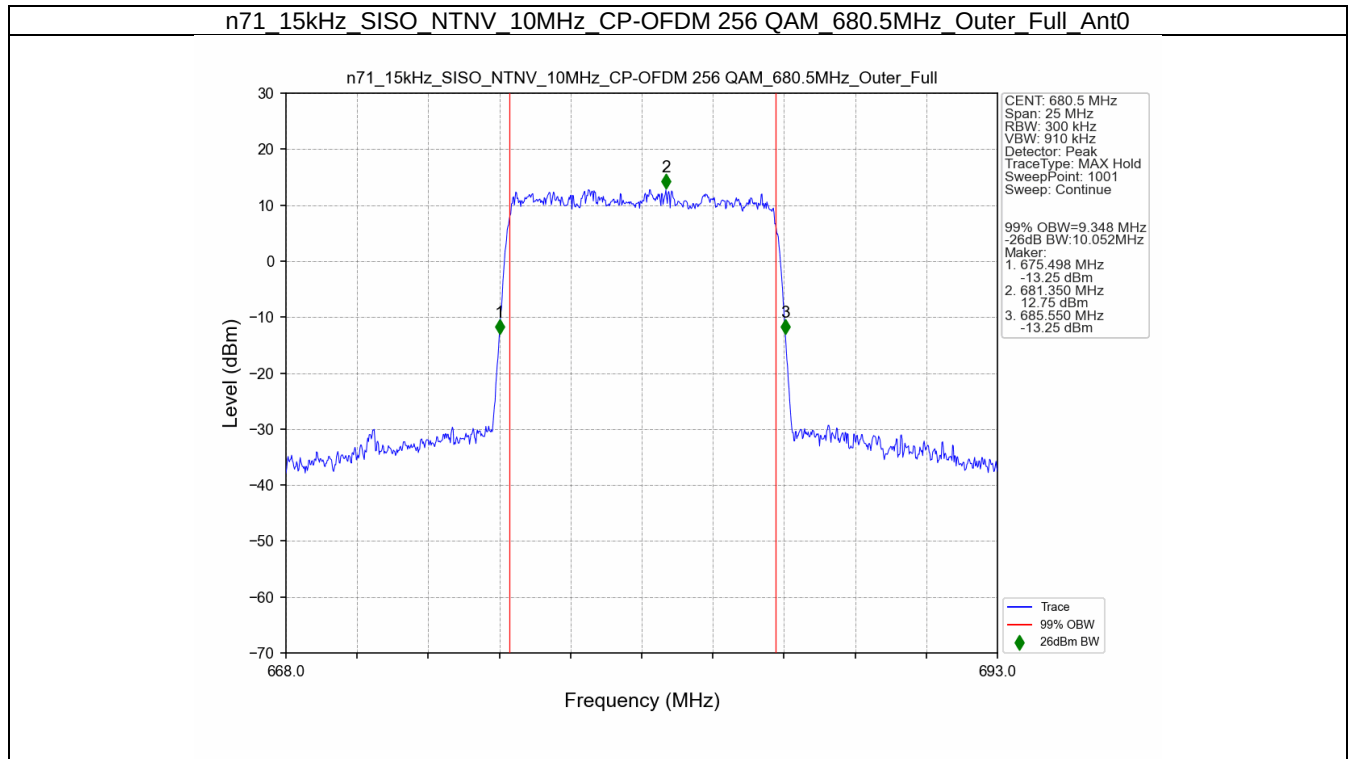


n71_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 680.5MHz_Outer_Full_Ant0

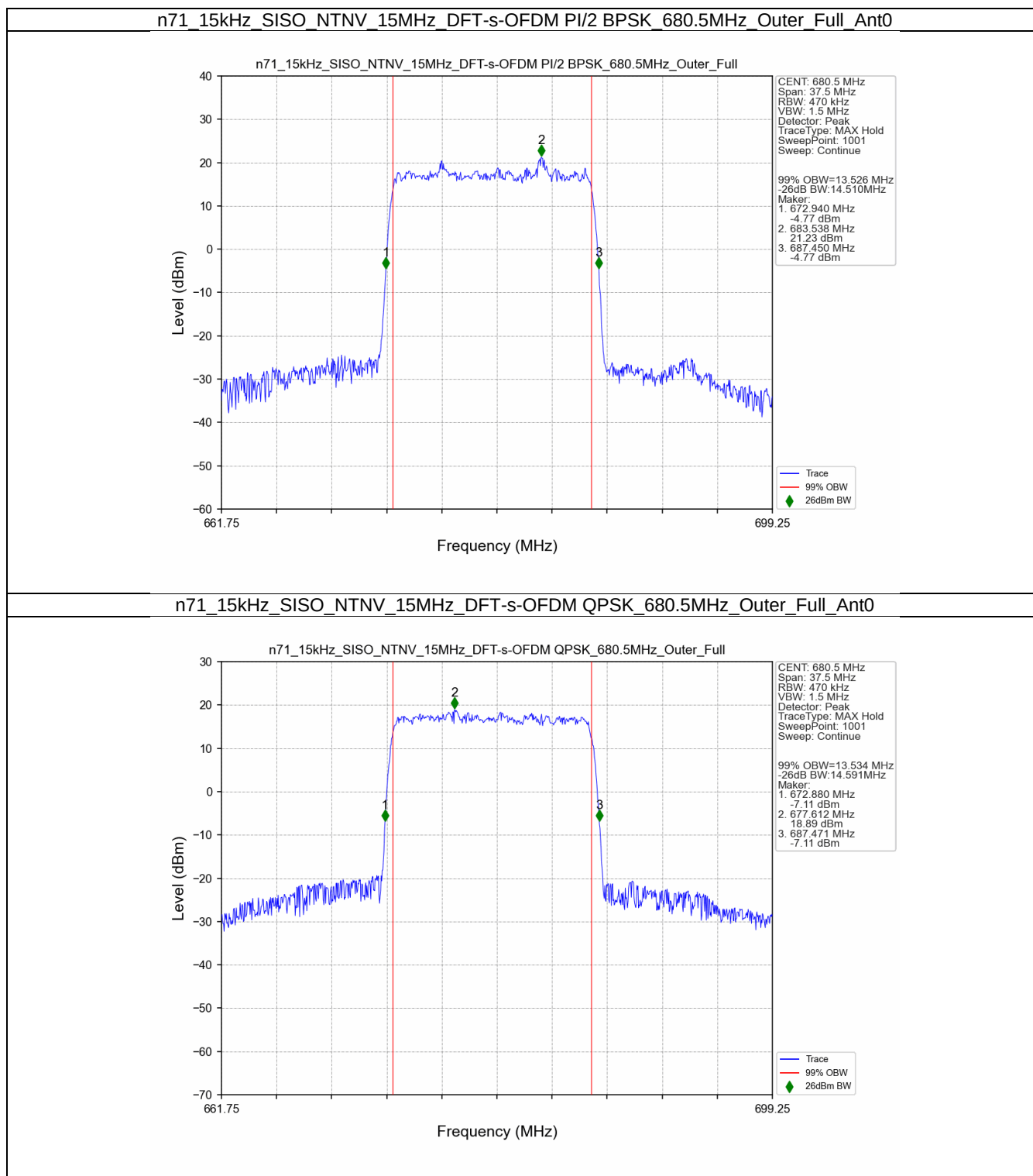


n71_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 680.5MHz_Outer_Full_Ant0

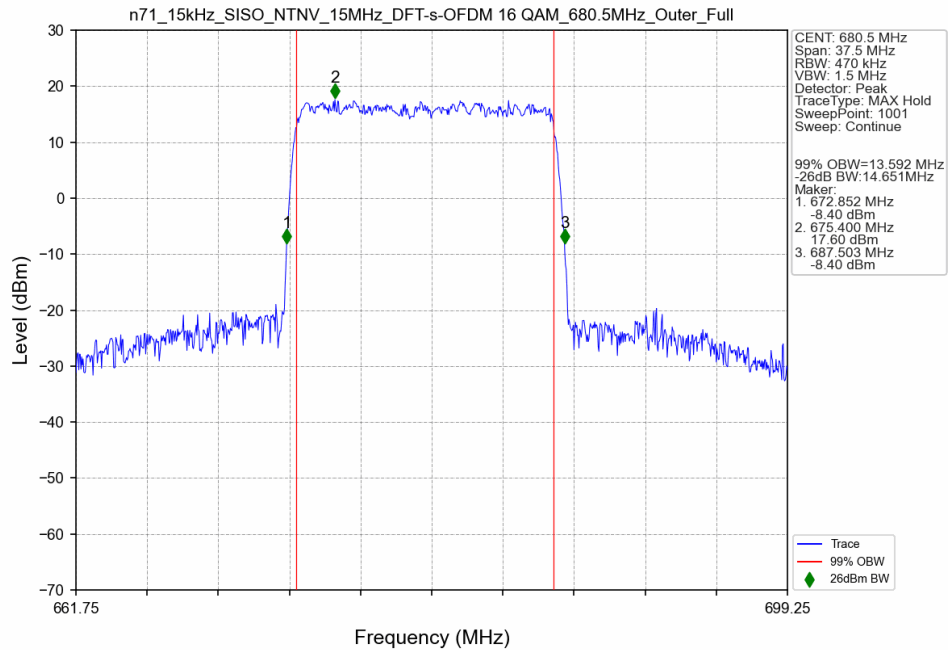




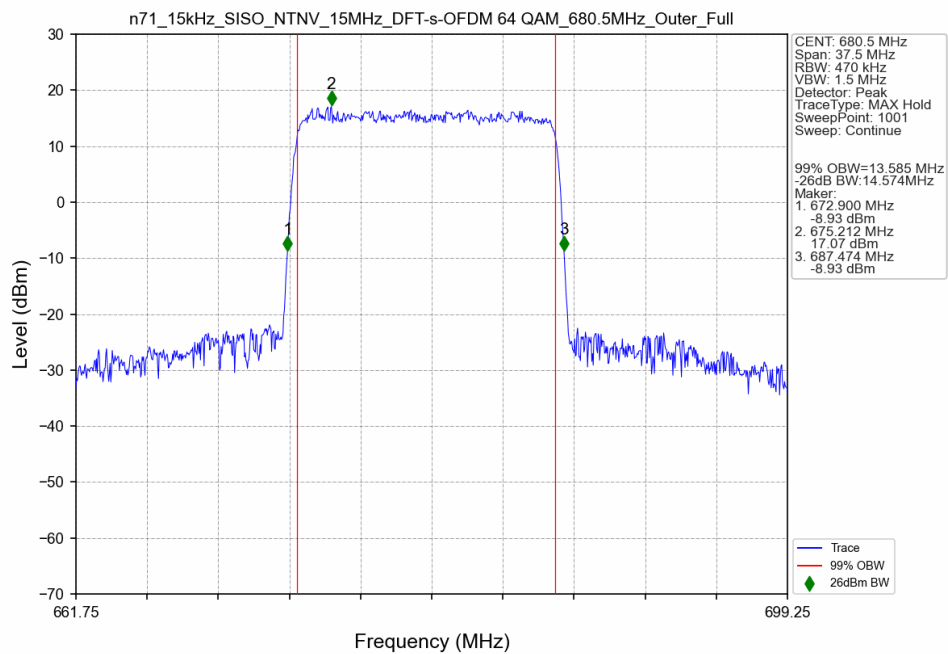
3.2.3 15_S_15M_NTNV

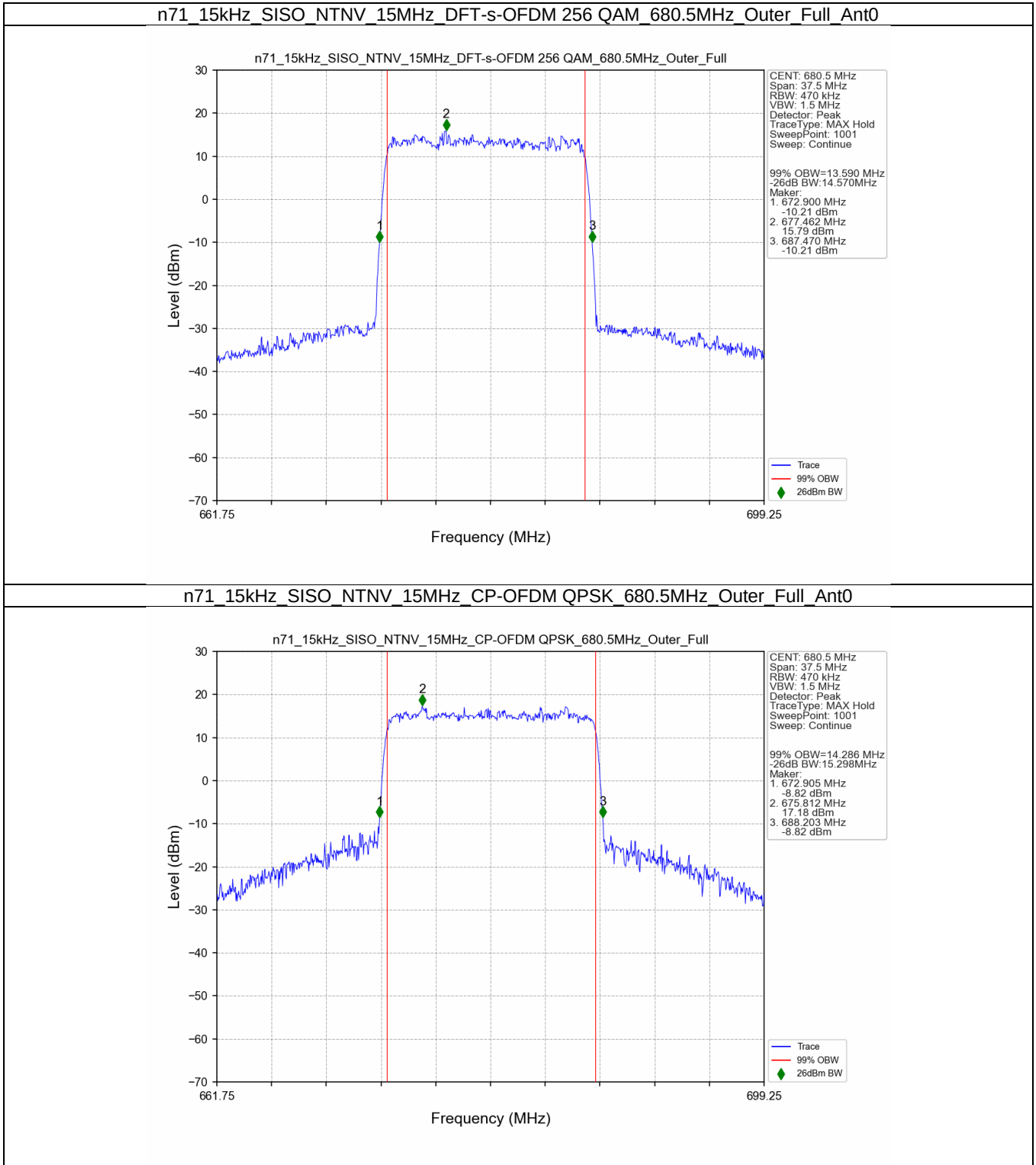


n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0

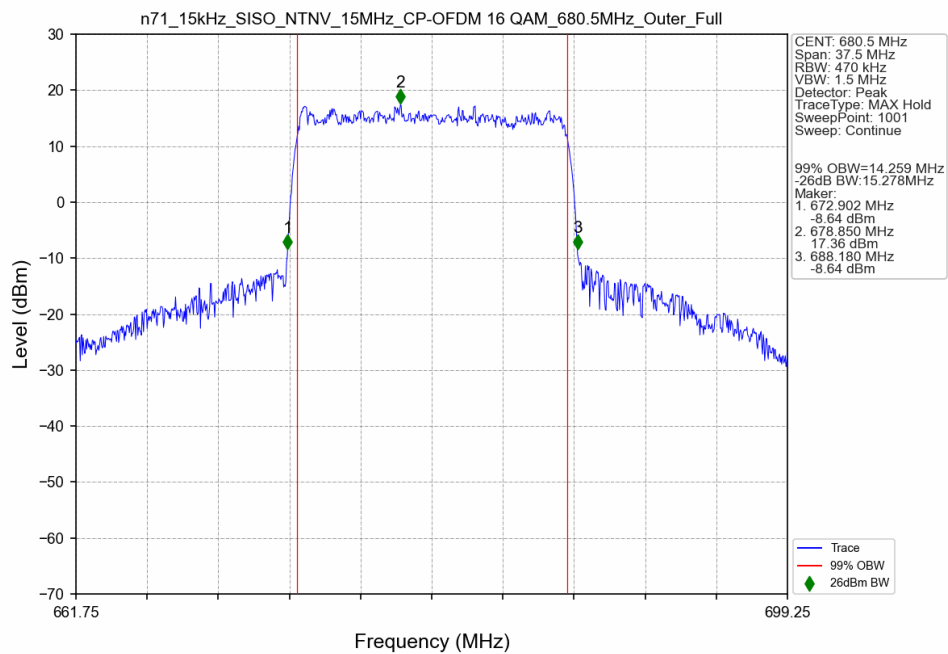


n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_680.5MHz_Outer_Full_Ant0

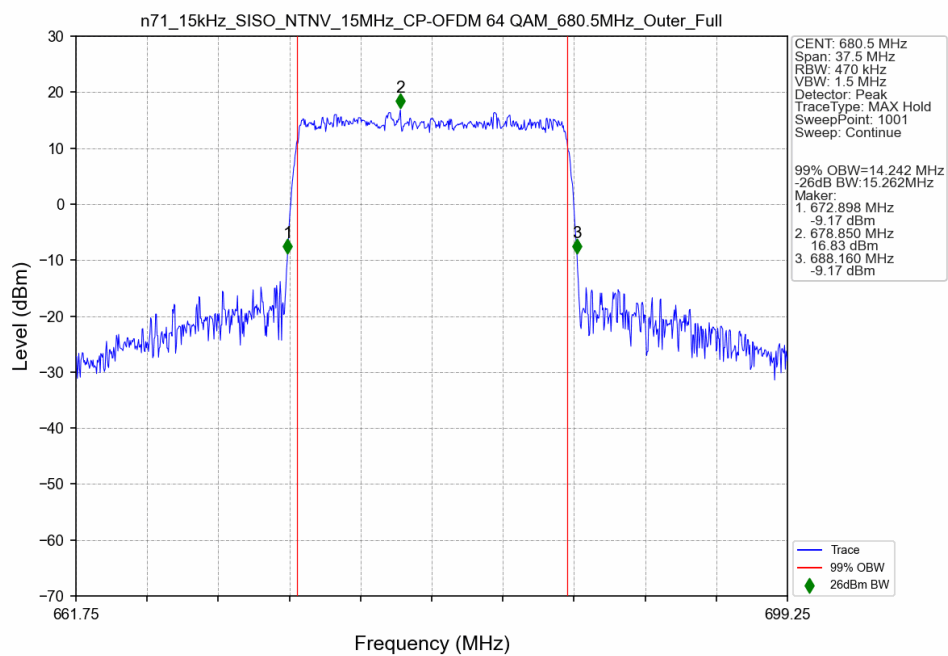


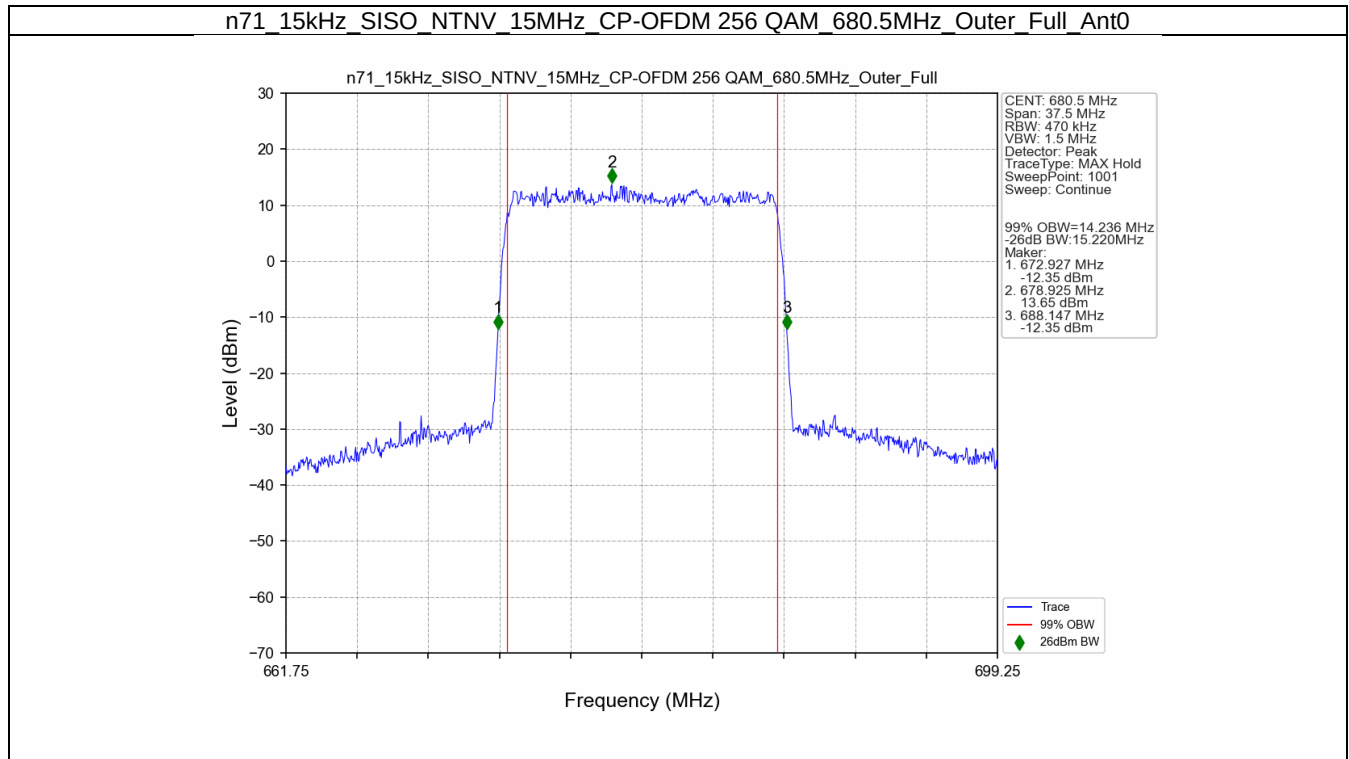


n71_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 680.5MHz_Outer_Full_Ant0



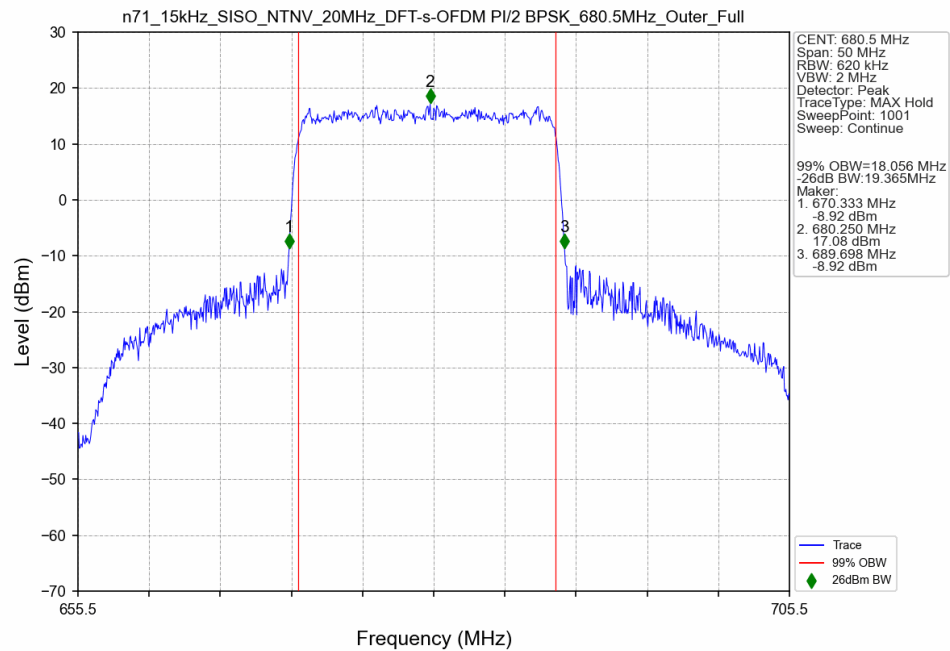
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 680.5MHz_Outer_Full_Ant0



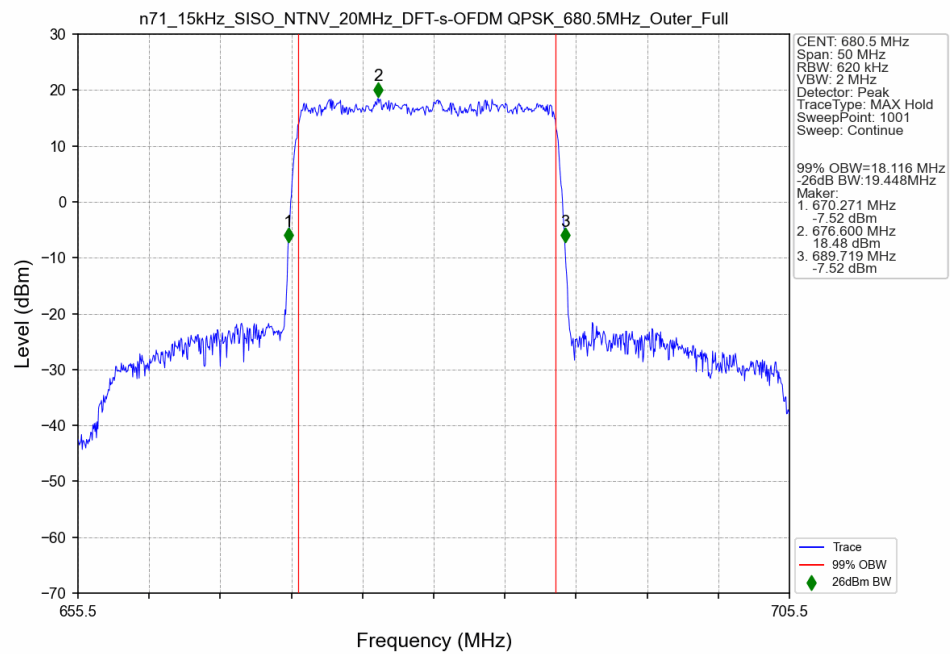


3.2.4 15_S_20M_NTNV

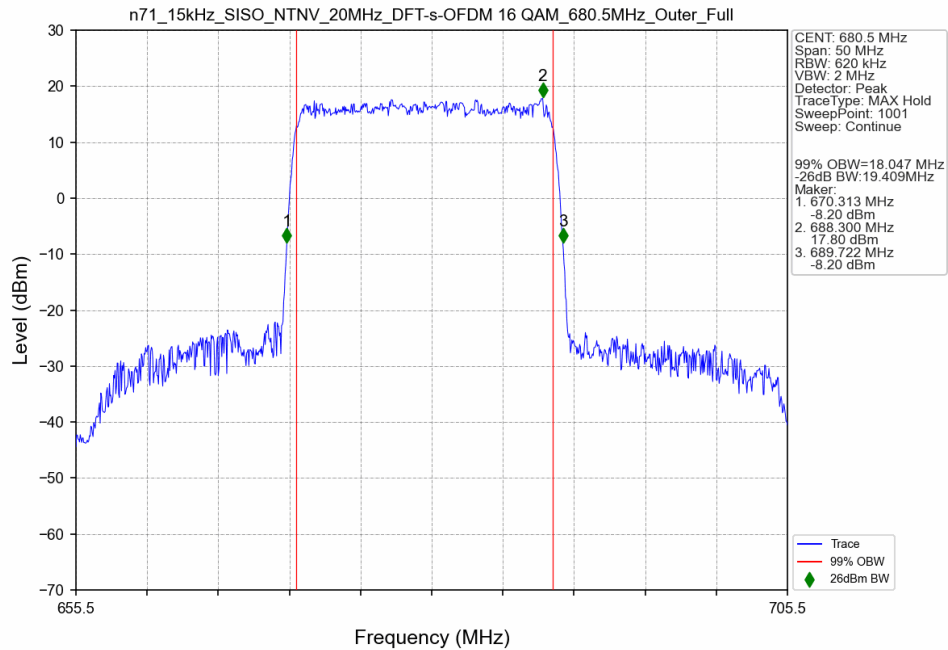
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_680.5MHz_Outer_Full_Ant0



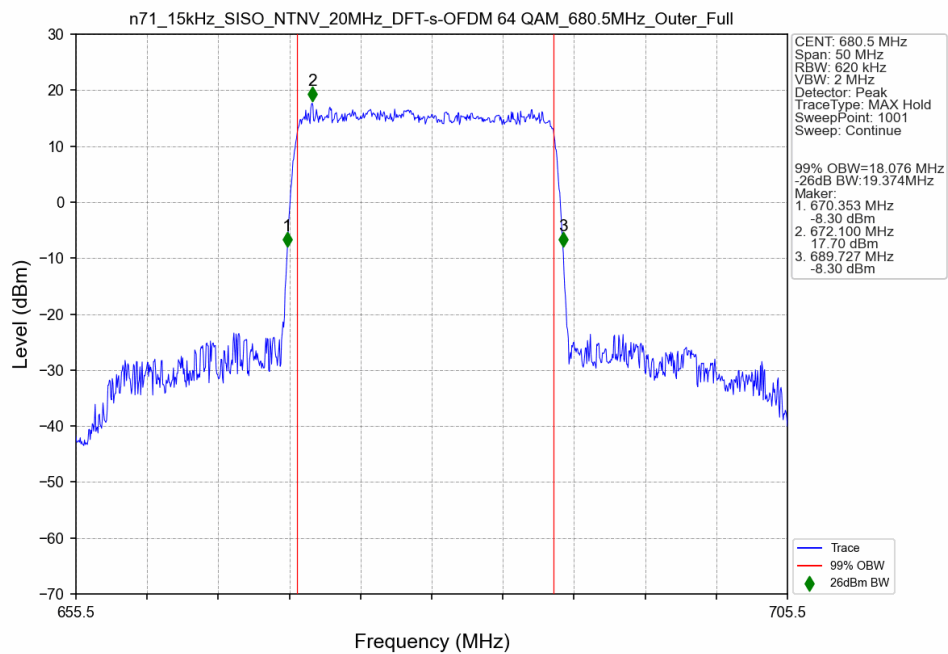
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_680.5MHz_Outer_Full_Ant0



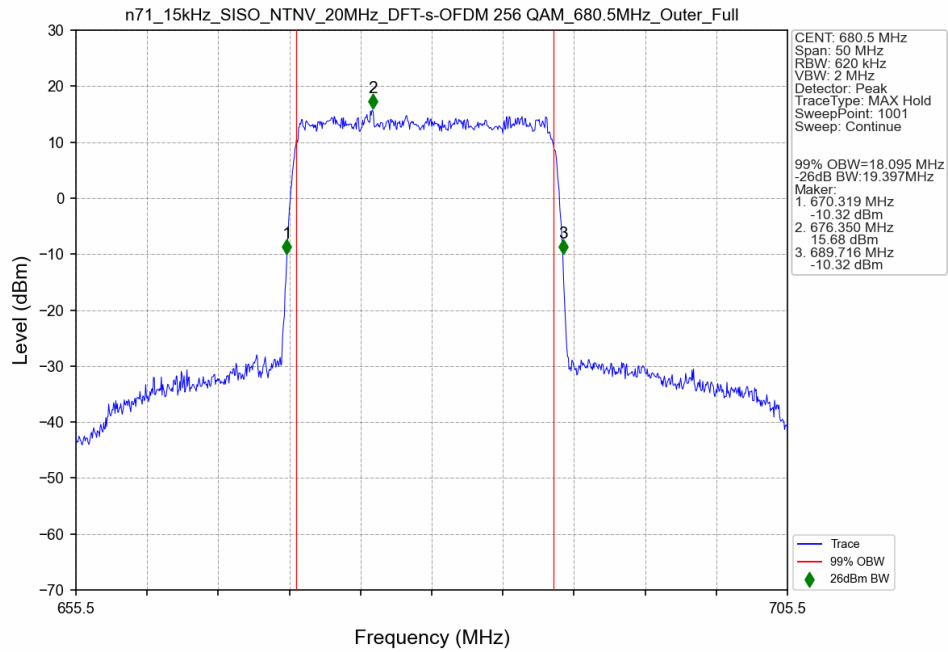
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



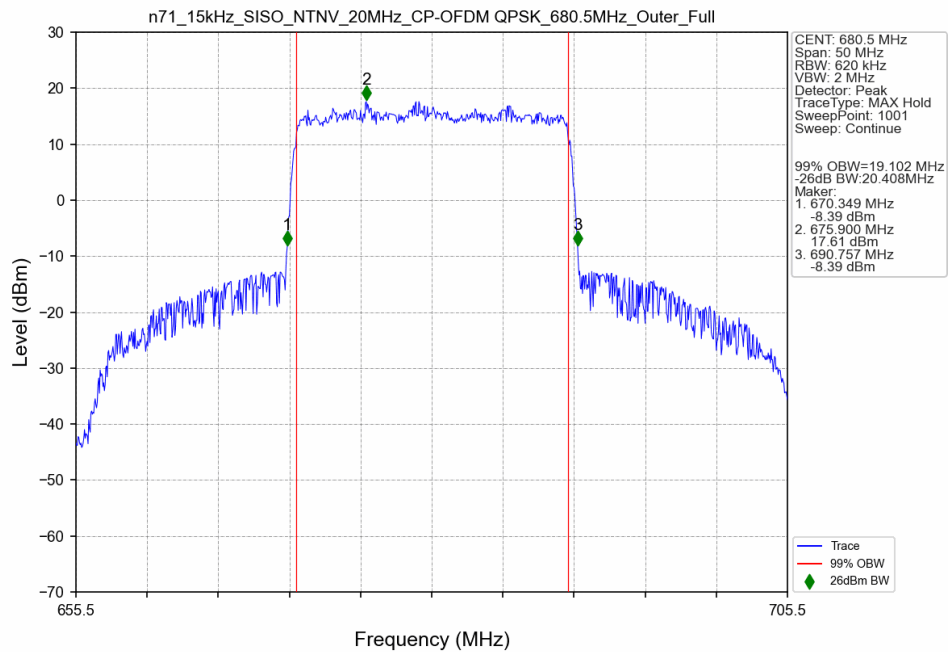
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_680.5MHz_Outer_Full_Ant0



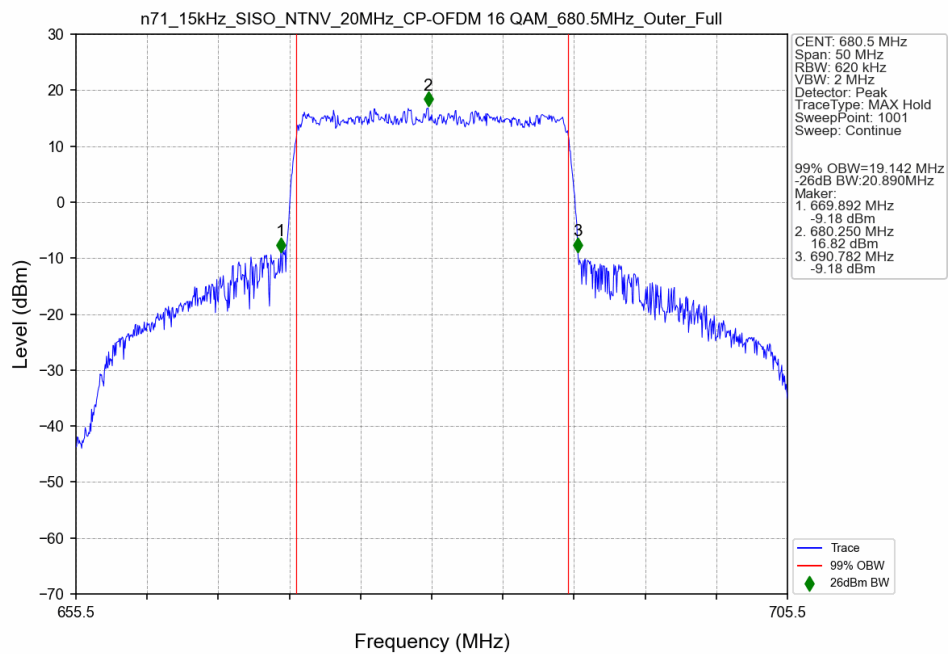
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_680.5MHz_Outer_Full_Ant0



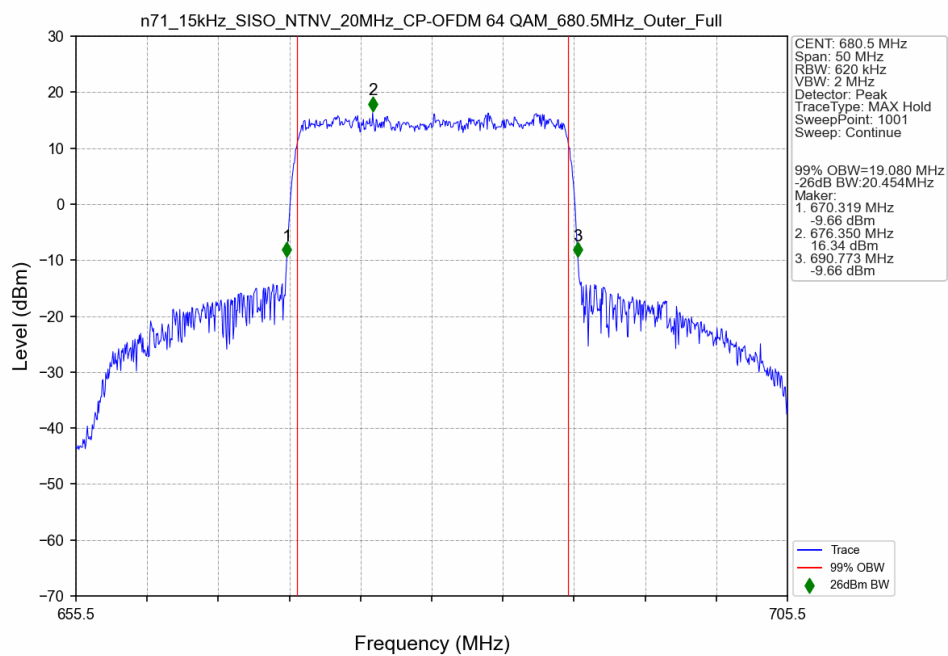
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_680.5MHz_Outer_Full_Ant0

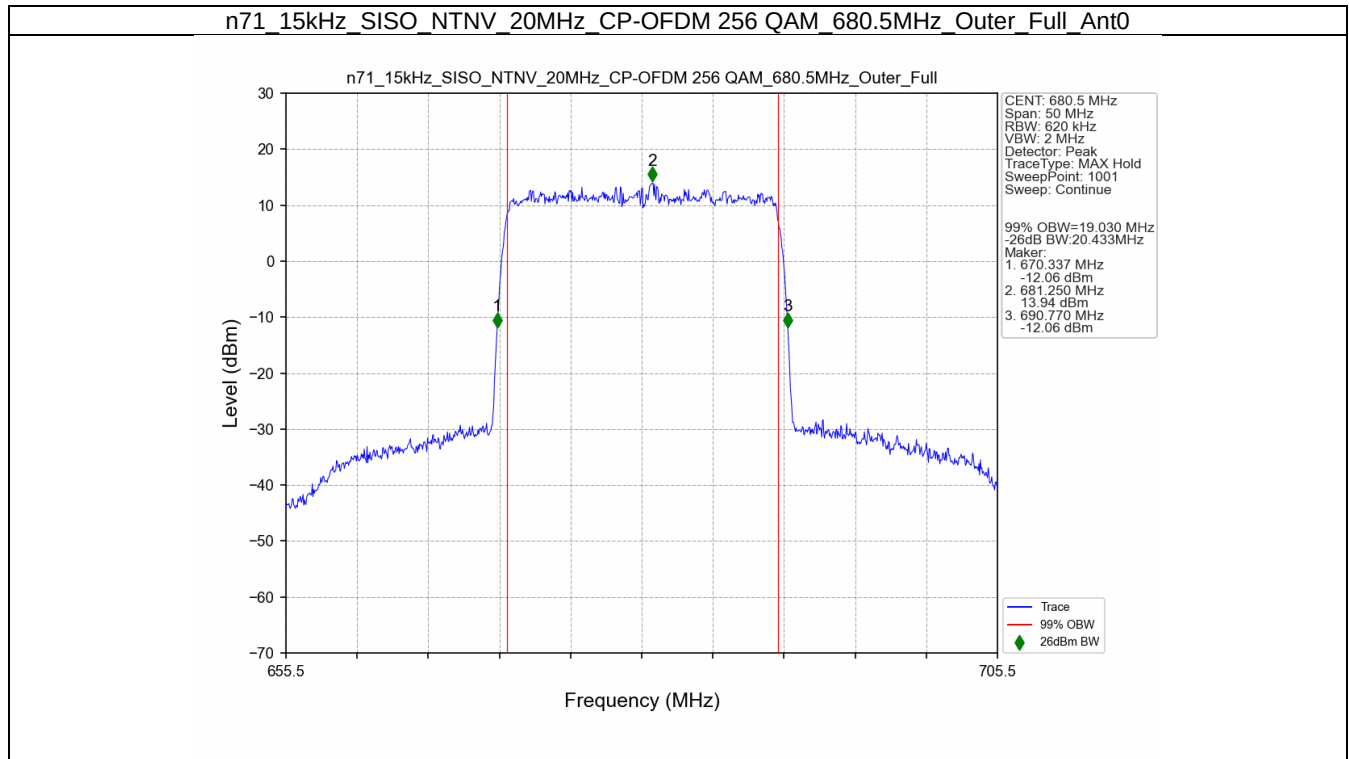


n71_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 680.5MHz_Outer_Full_Ant0



n71_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 680.5MHz_Outer_Full_Ant0





4. Peak-Average Ratio

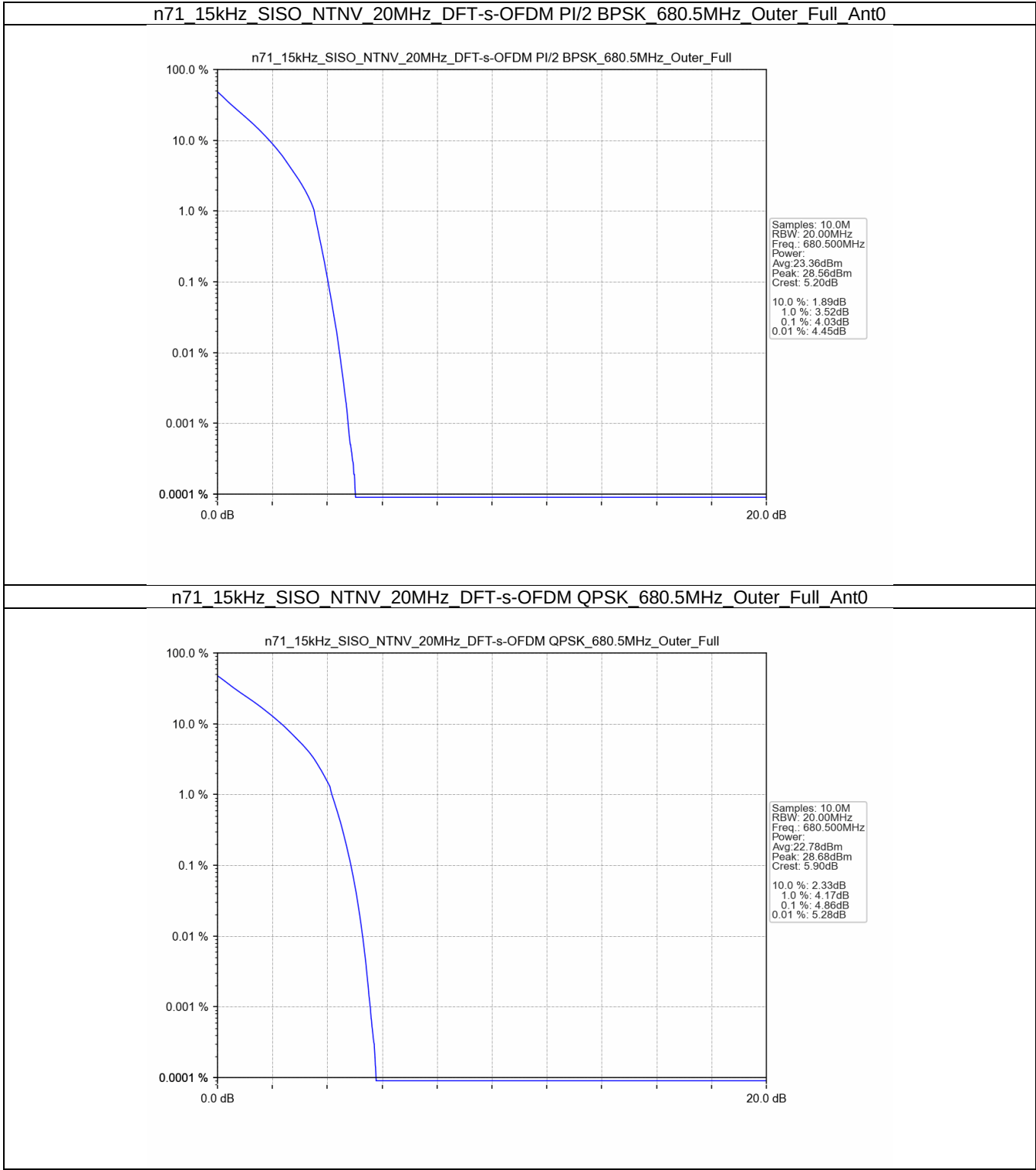
4.1 Test Result

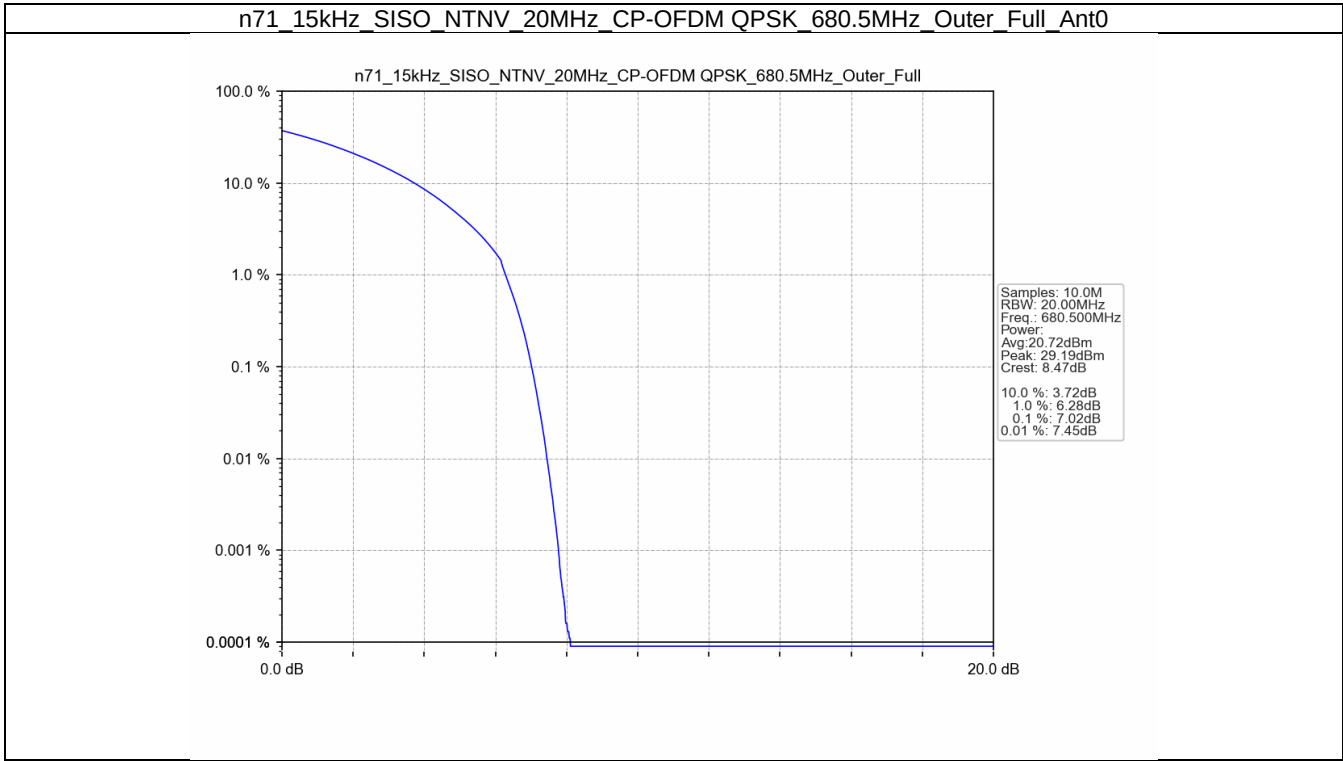
4.1.1 15_S_20M_NTNV

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	4.03	/	/	<=13	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	4.86	/	/	<=13	Pass
CP-OFDM QPSK	680.5	Outer_Full	7.02	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15_S_20M_NTNV





5. Spurious Emission

5.1 Test Result

5.1.1 15_S_5M_NTNV

5G NR n71 SCS=15kHz SISO 5MHz NTNV							
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 NTNv							
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

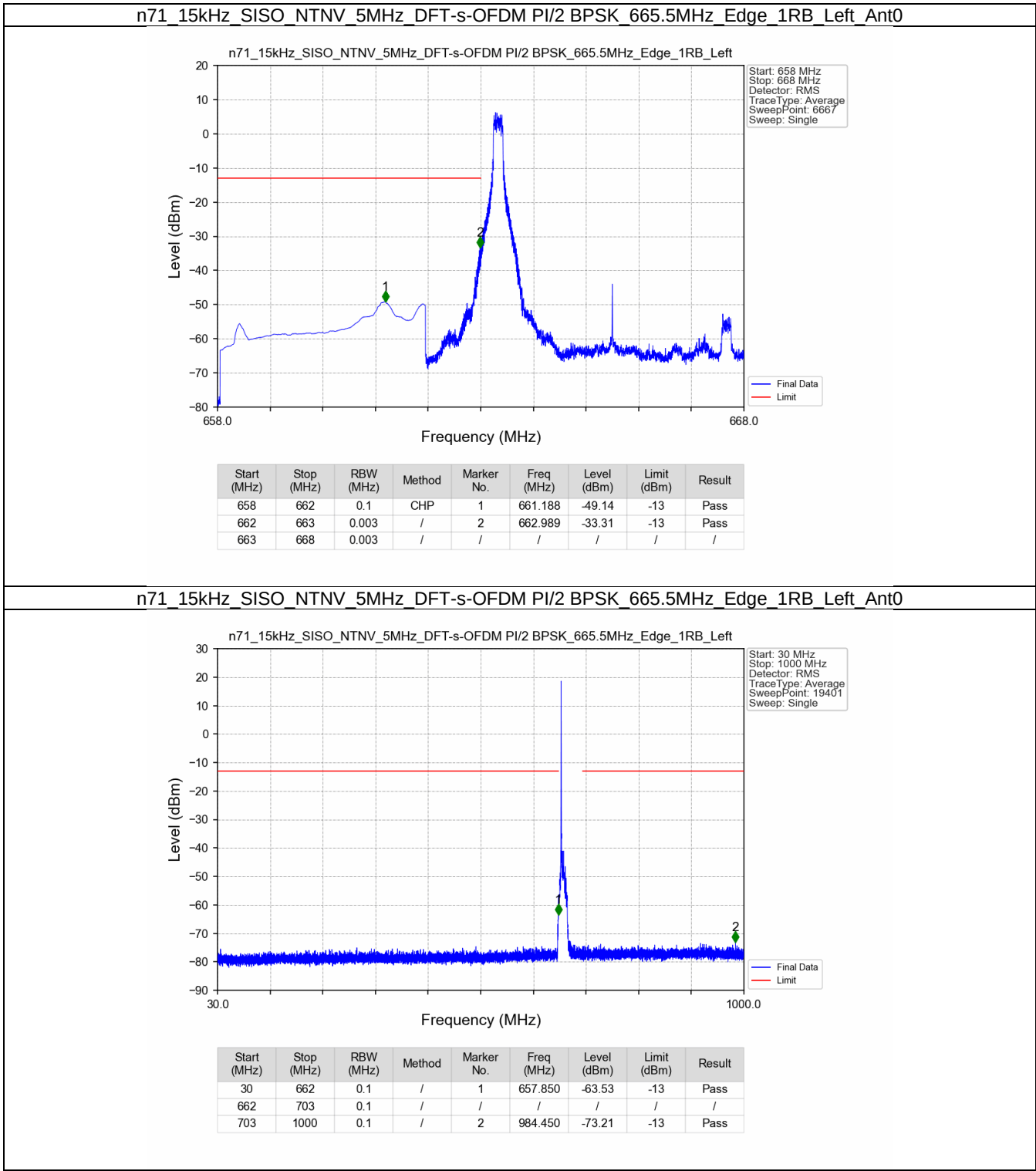
5.1.3 15_S_20M_NTNV

5G NR n71 SCS=15kHz SISO 20MHz NTNv							
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
	DFT-s-OFDM QPSK	673	Outer_Full	Refer To Test Graph			
Edge_1RB_Left			Refer To Test Graph				Pass

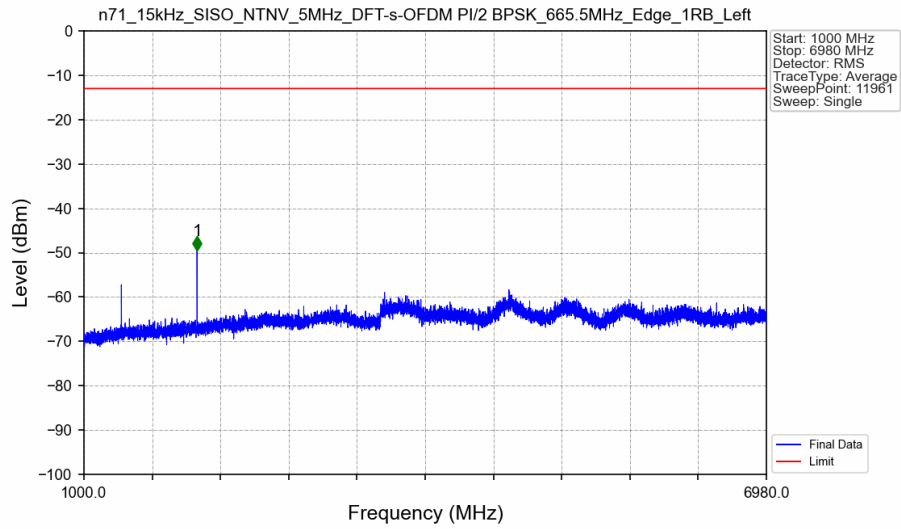
		Outer_Full	Refer To Test Graph	Pass
	680.5	Edge_1RB_Left	Refer To Test Graph	Pass
	688	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
CP-OFDM QPSK	673	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	680.5	Edge_1RB_Left	Refer To Test Graph	Pass
	688	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

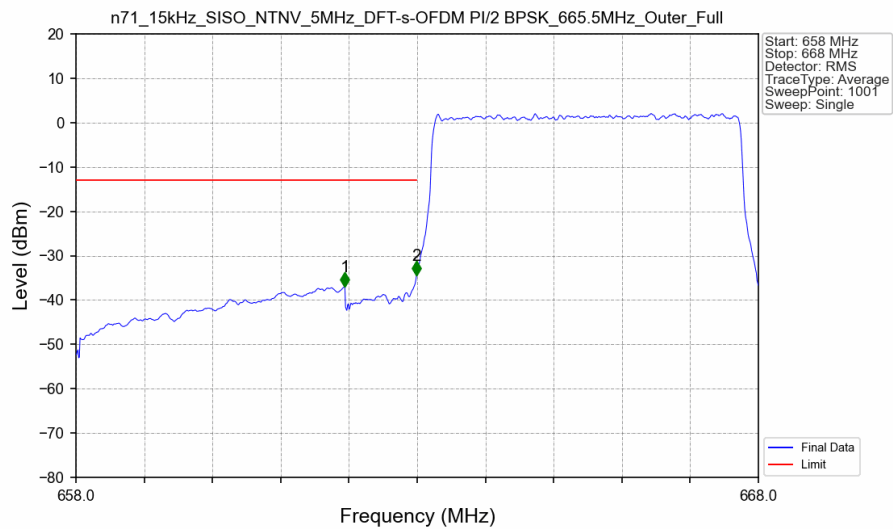


n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK 665.5MHz_Edge_1RB_Left_Ant0

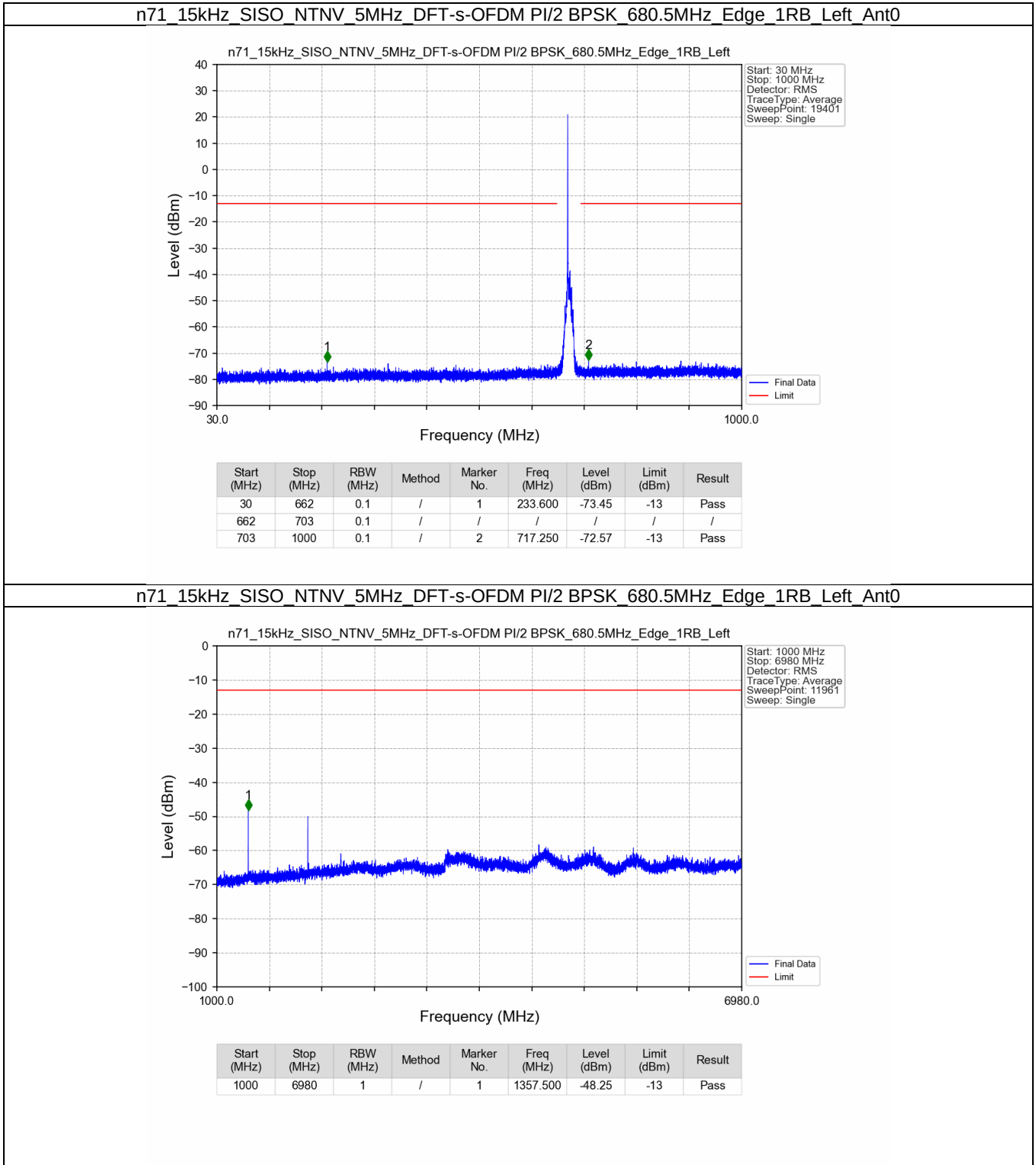


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1990.500	-49.54	-13	Pass

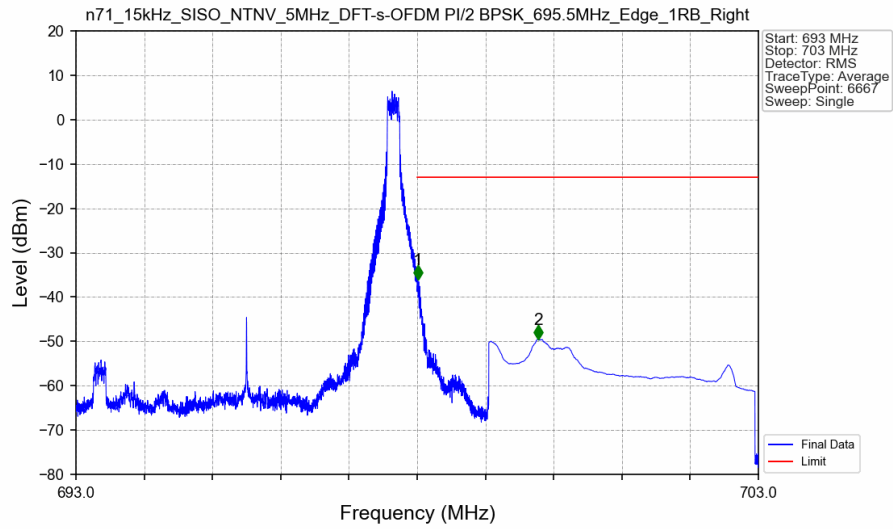
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK 665.5MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.940	-36.89	-13	Pass
662	663	0.04934	CHP	2	662.990	-34.35	-13	Pass
663	668	0.04934	CHP	/	/	/	/	/

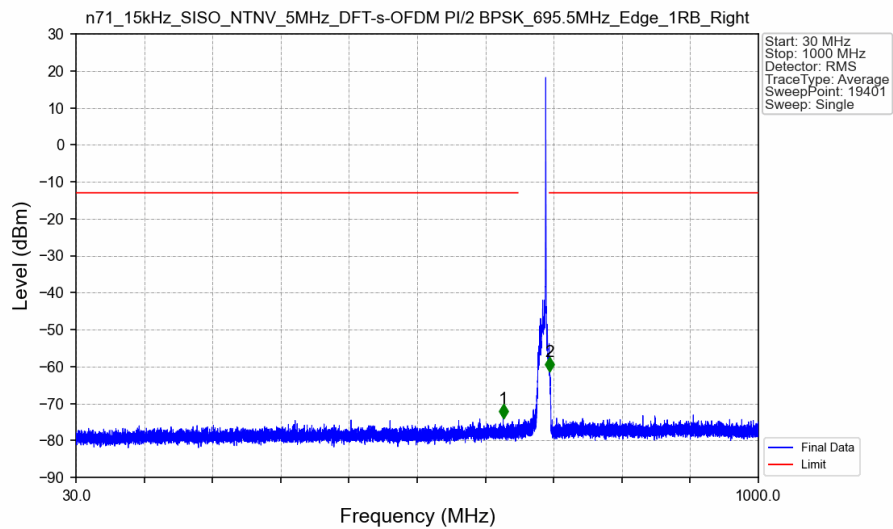


n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_695.5MHz_Edge_1RB_Right_Ant0

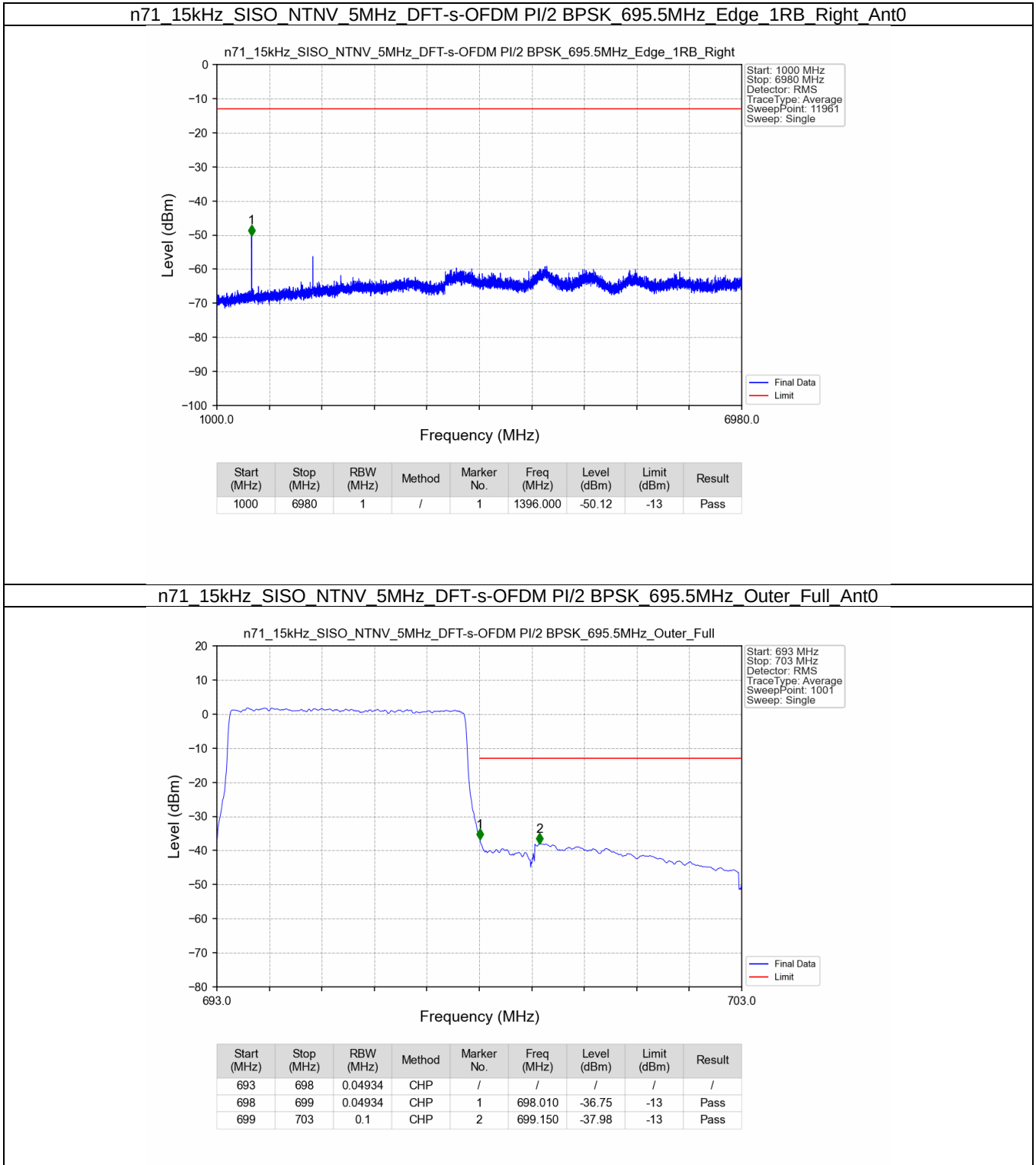


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.009	-36.04	-13	Pass
699	703	0.1	CHP	2	699.775	-49.50	-13	Pass

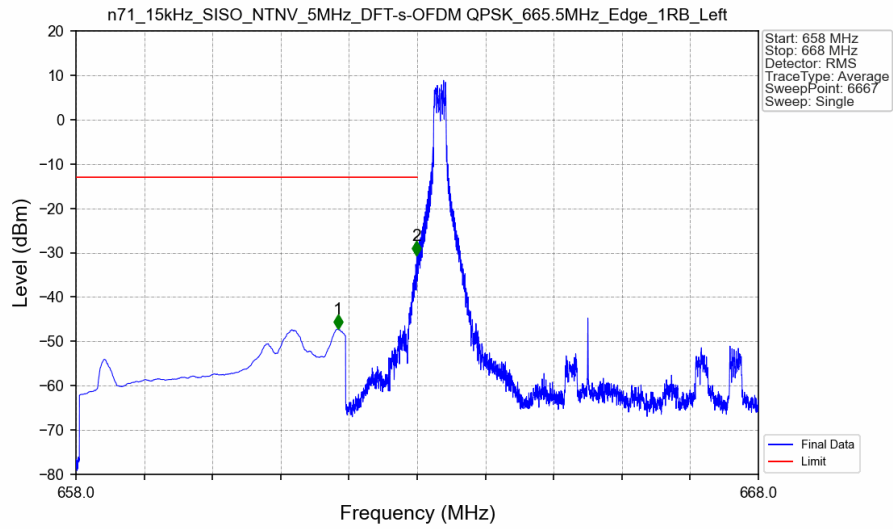
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_695.5MHz_Edge_1RB_Right_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	637.150	-73.90	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.100	-61.30	-13	Pass

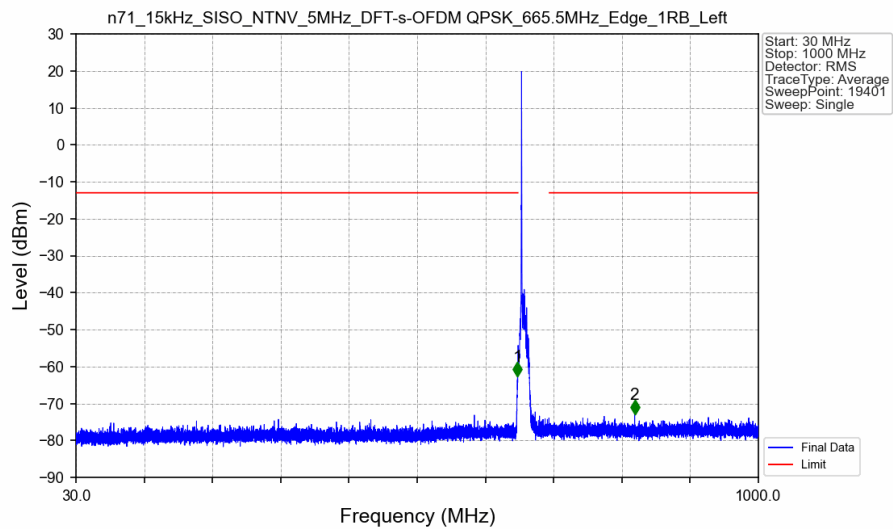


n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant0



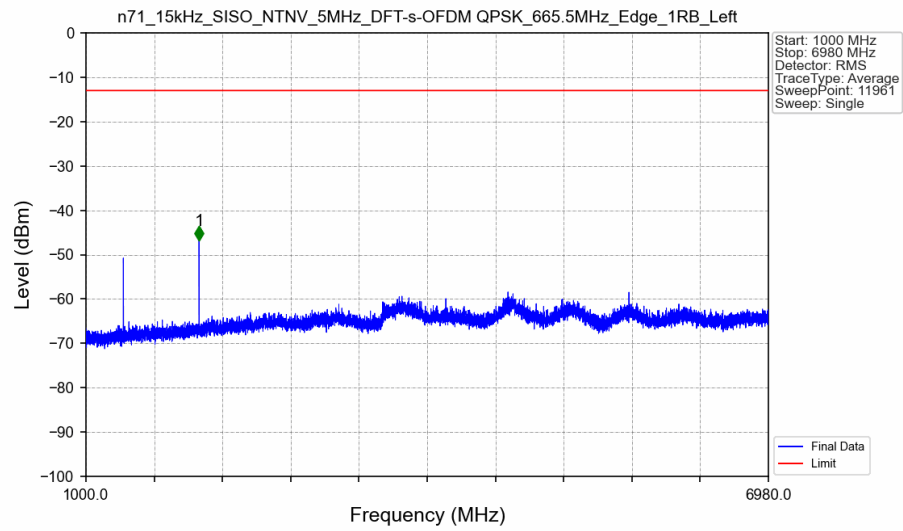
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.840	-47.18	-13	Pass
662	663	0.003	/	2	662.994	-30.53	-13	Pass
663	668	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant0



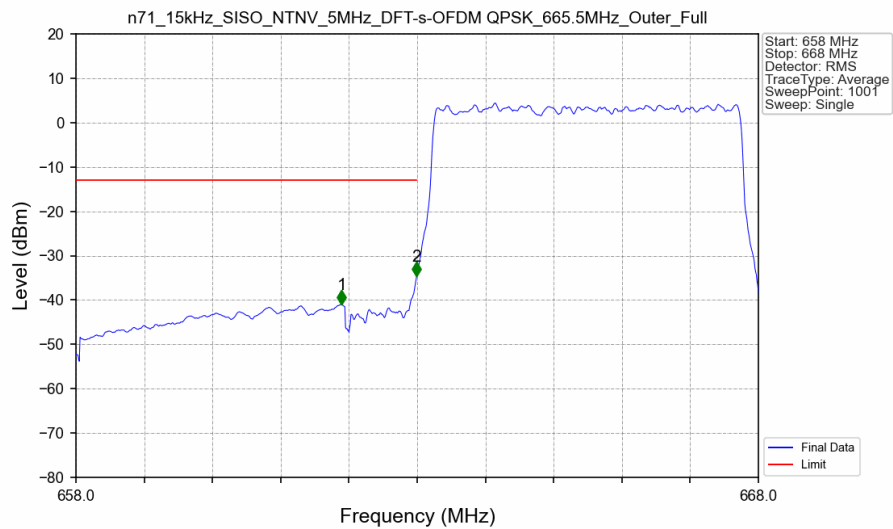
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.700	-62.53	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	824.150	-72.98	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant0



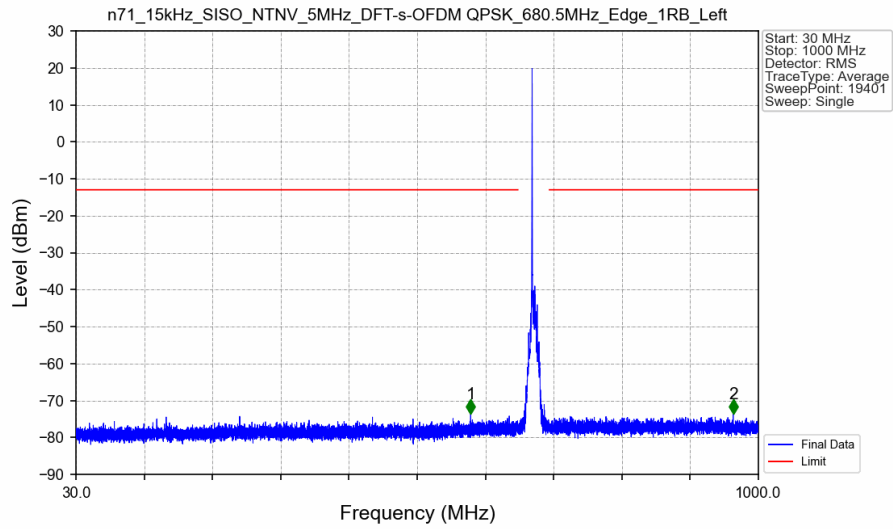
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1991.000	-46.75	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Outer_Full_Ant0

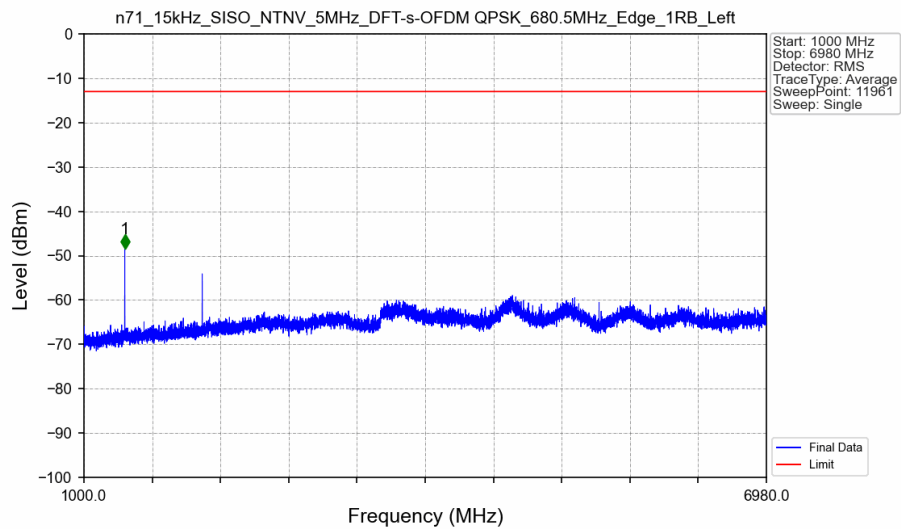


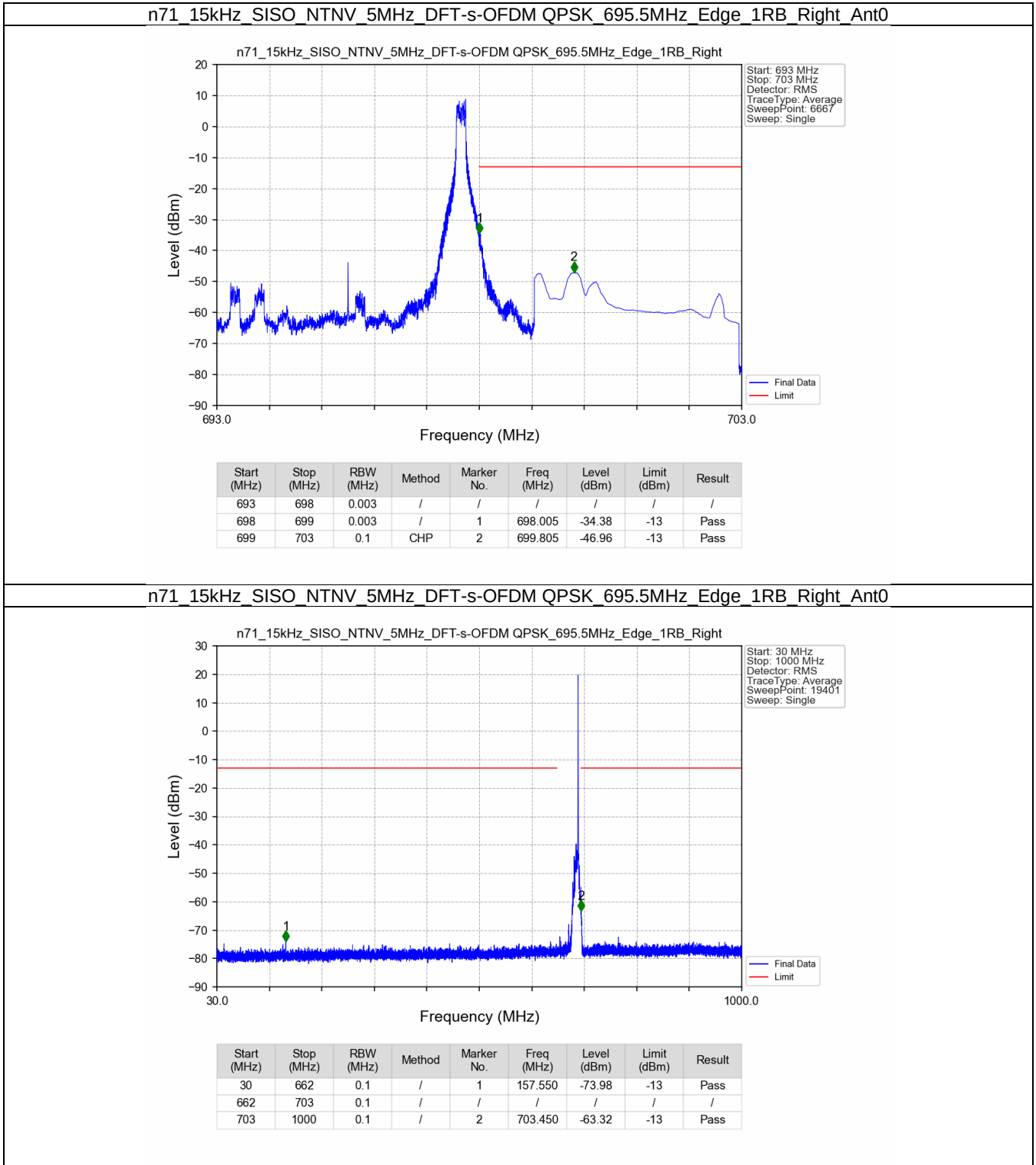
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.890	-41.03	-13	Pass
662	663	0.04934	CHP	2	662.990	-34.67	-13	Pass
663	668	0.04934	CHP	/	/	/	/	/

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0

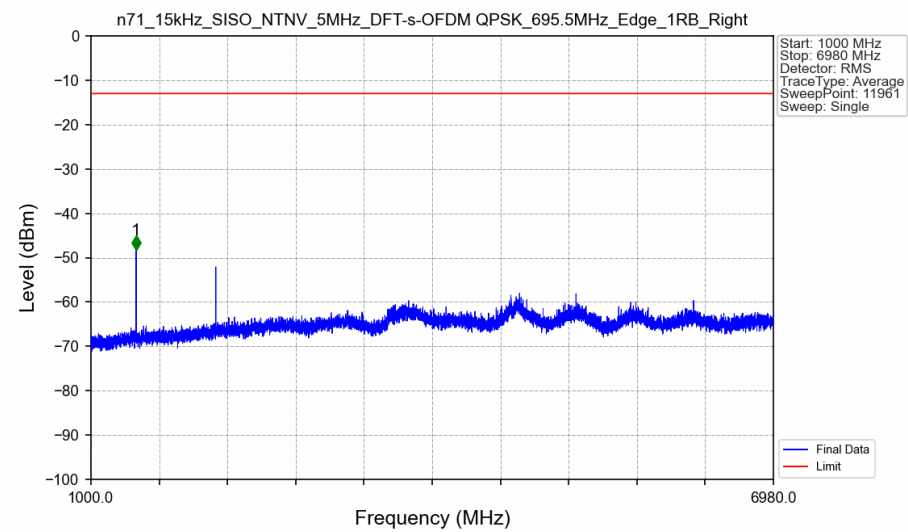


n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0



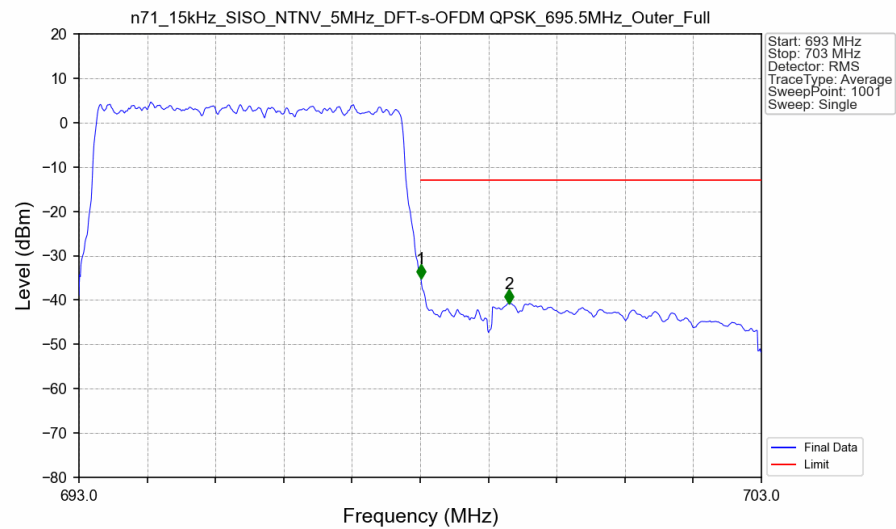


n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK 695.5MHz_Edge_1RB_Right_Ant0



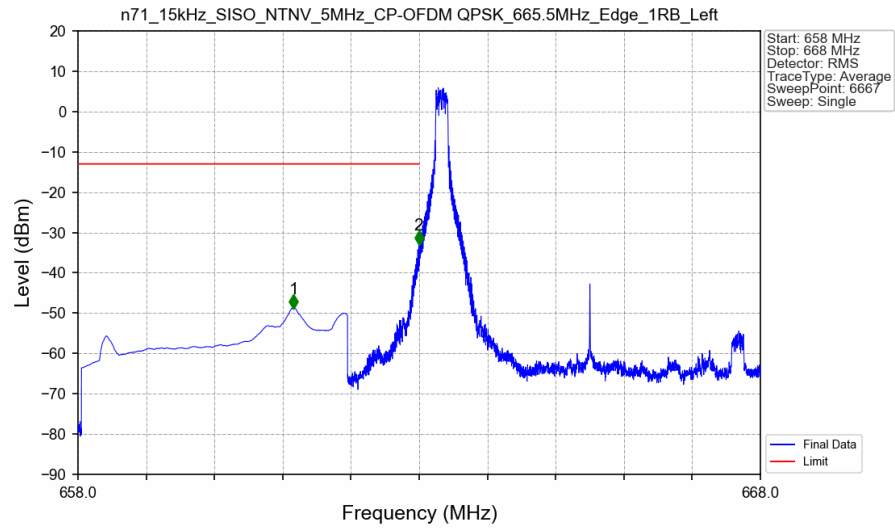
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1396.000	-48.13	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK 695.5MHz_Outer_Full_Ant0



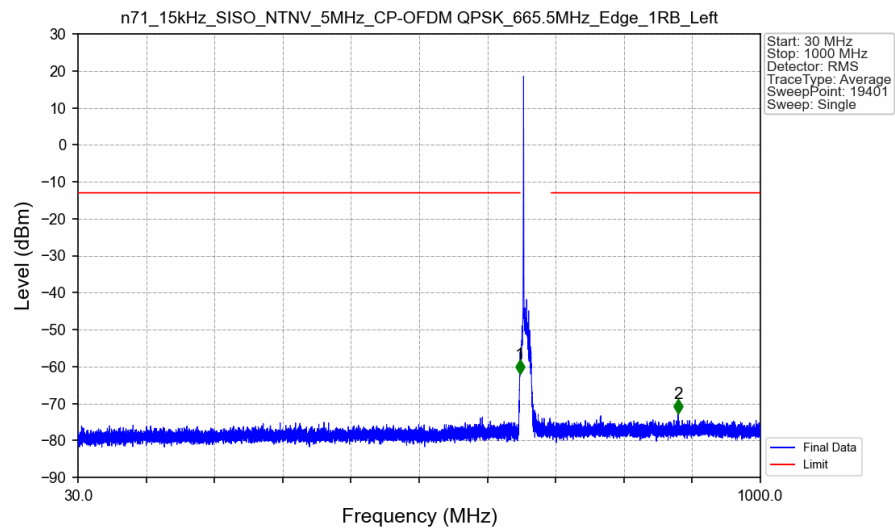
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.04934	CHP	/	/	/	/	/
698	699	0.04934	CHP	1	698.010	-35.10	-13	Pass
699	703	0.1	CHP	2	699.300	-40.73	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant0



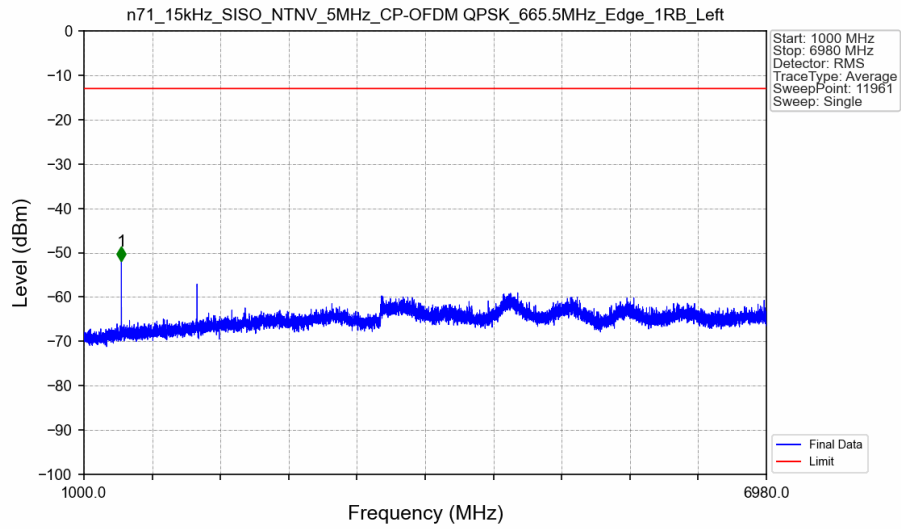
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.159	-48.79	-13	Pass
662	663	0.003	/	2	662.995	-33.08	-13	Pass
663	668	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant0



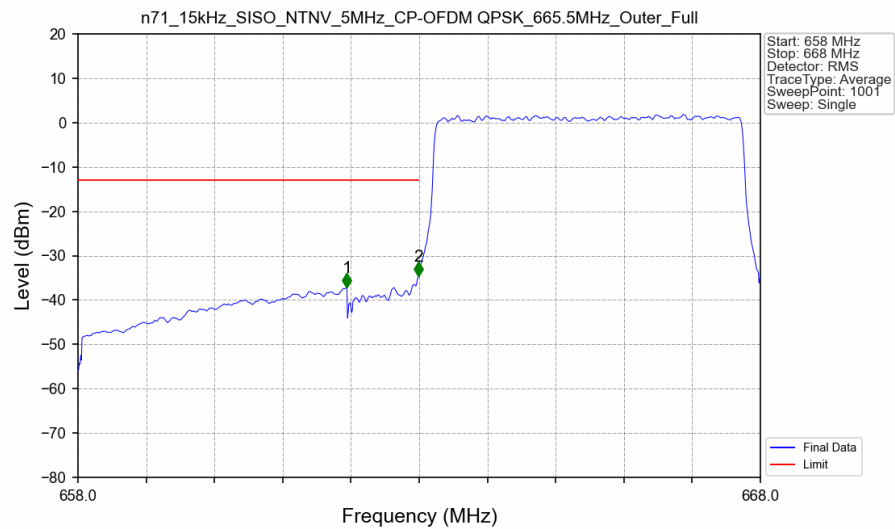
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.950	-61.94	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	883.100	-72.74	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant0



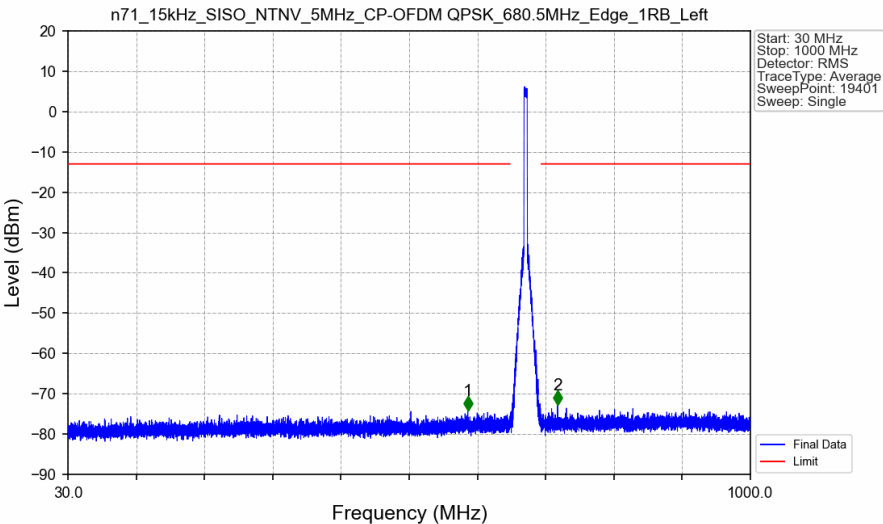
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1327.500	-51.79	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_665.5MHz_Outer_Full_Ant0

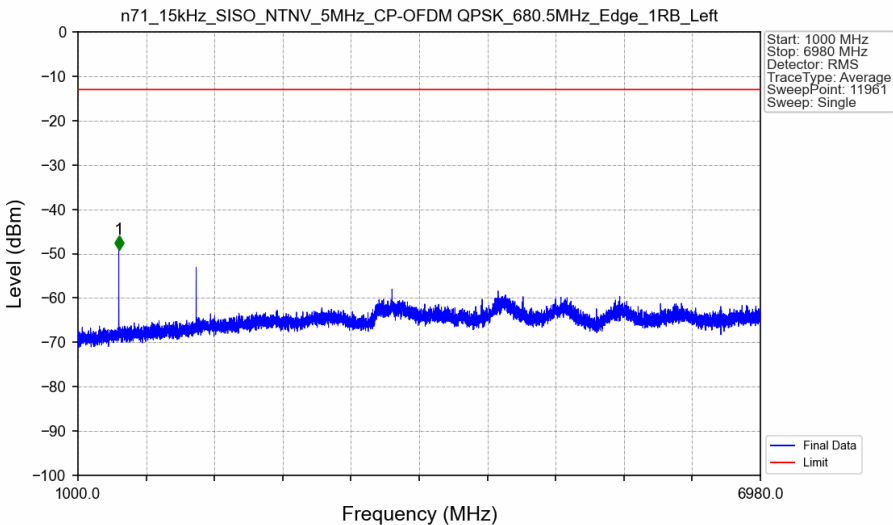


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.940	-37.20	-13	Pass
662	663	0.04934	CHP	2	662.990	-34.52	-13	Pass
663	668	0.04934	CHP	/	/	/	/	/

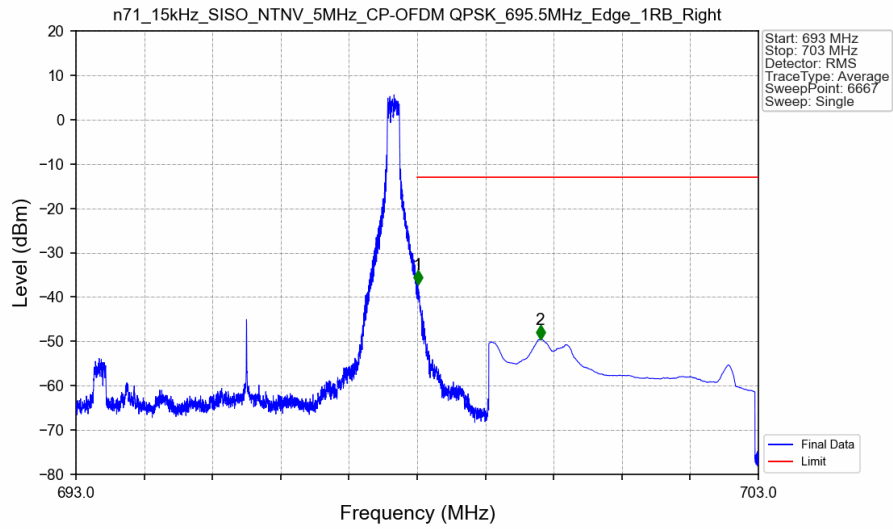
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0



n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0

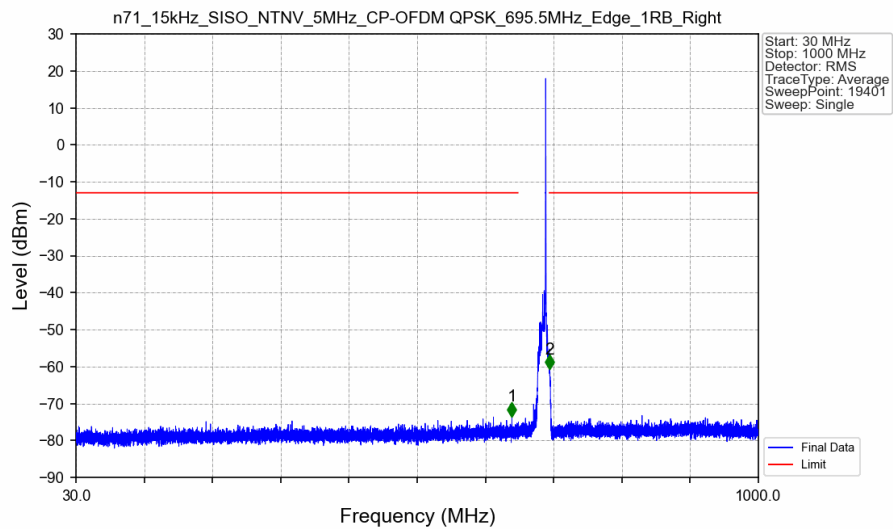


n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 695.5MHz_Edge_1RB_Right_Ant0



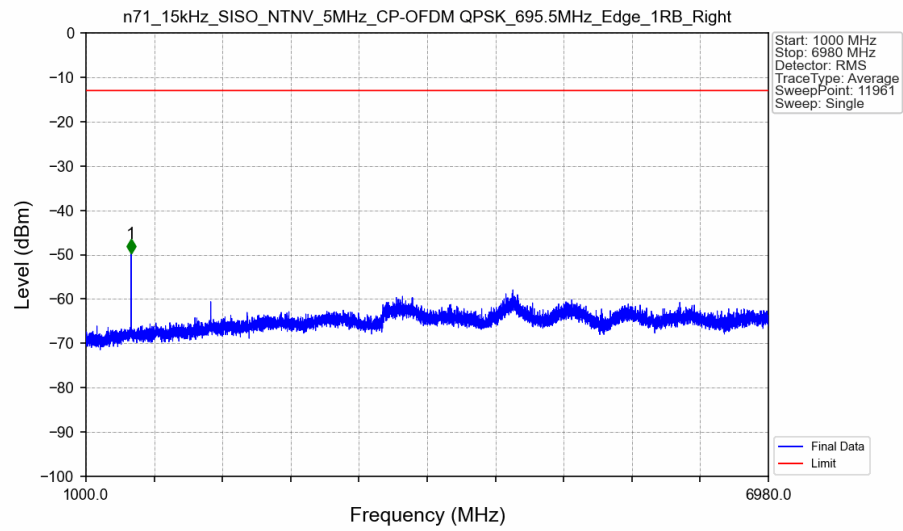
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.009	-37.06	-13	Pass
699	703	0.1	CHP	2	699.803	-49.53	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 695.5MHz_Edge_1RB_Right_Ant0



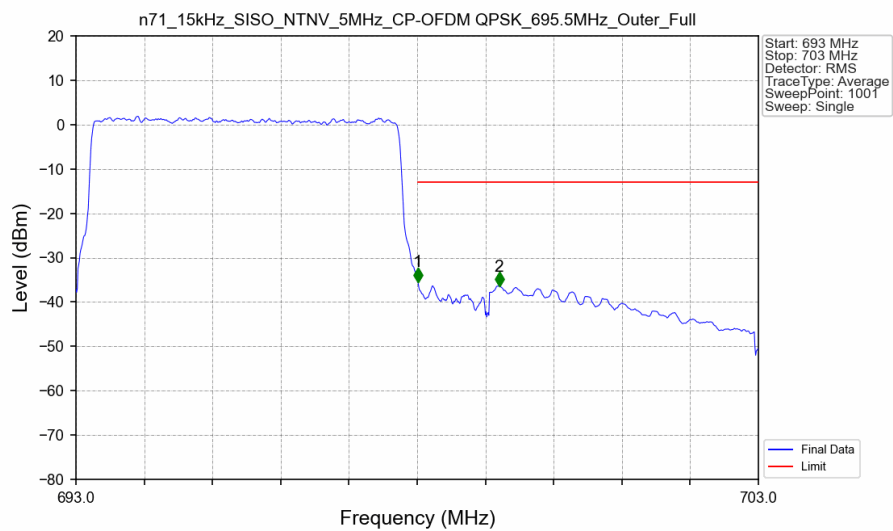
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	649.700	-73.43	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.150	-60.74	-13	Pass

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	1396.000	-49.66	-13	Pass

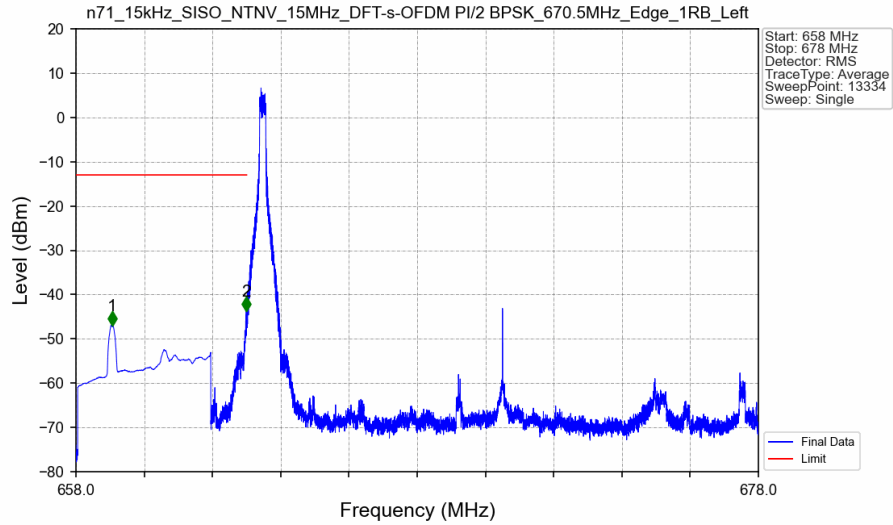
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 695.5MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.04934	CHP	/	/	/	/	/
698	699	0.04934	CHP	1	698.010	-35.41	-13	Pass
699	703	0.1	CHP	2	699.200	-36.37	-13	Pass

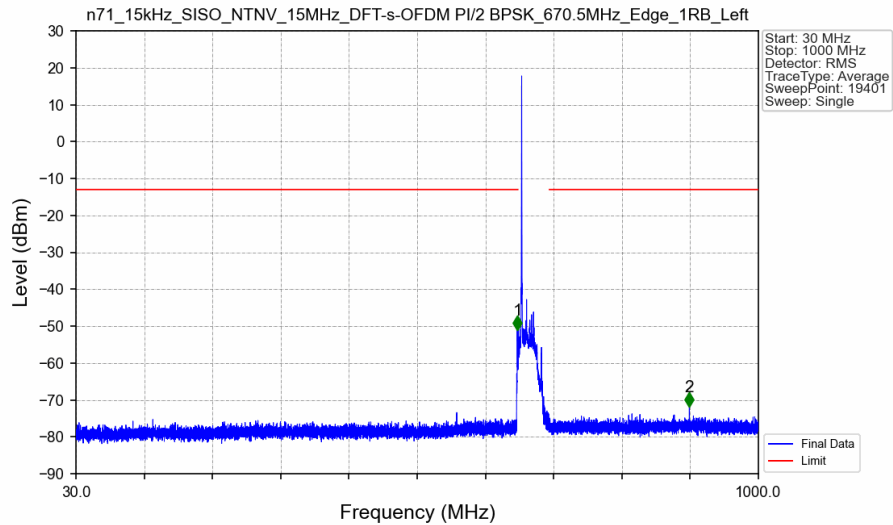
5.2.2 15_S_15M_NTNV

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

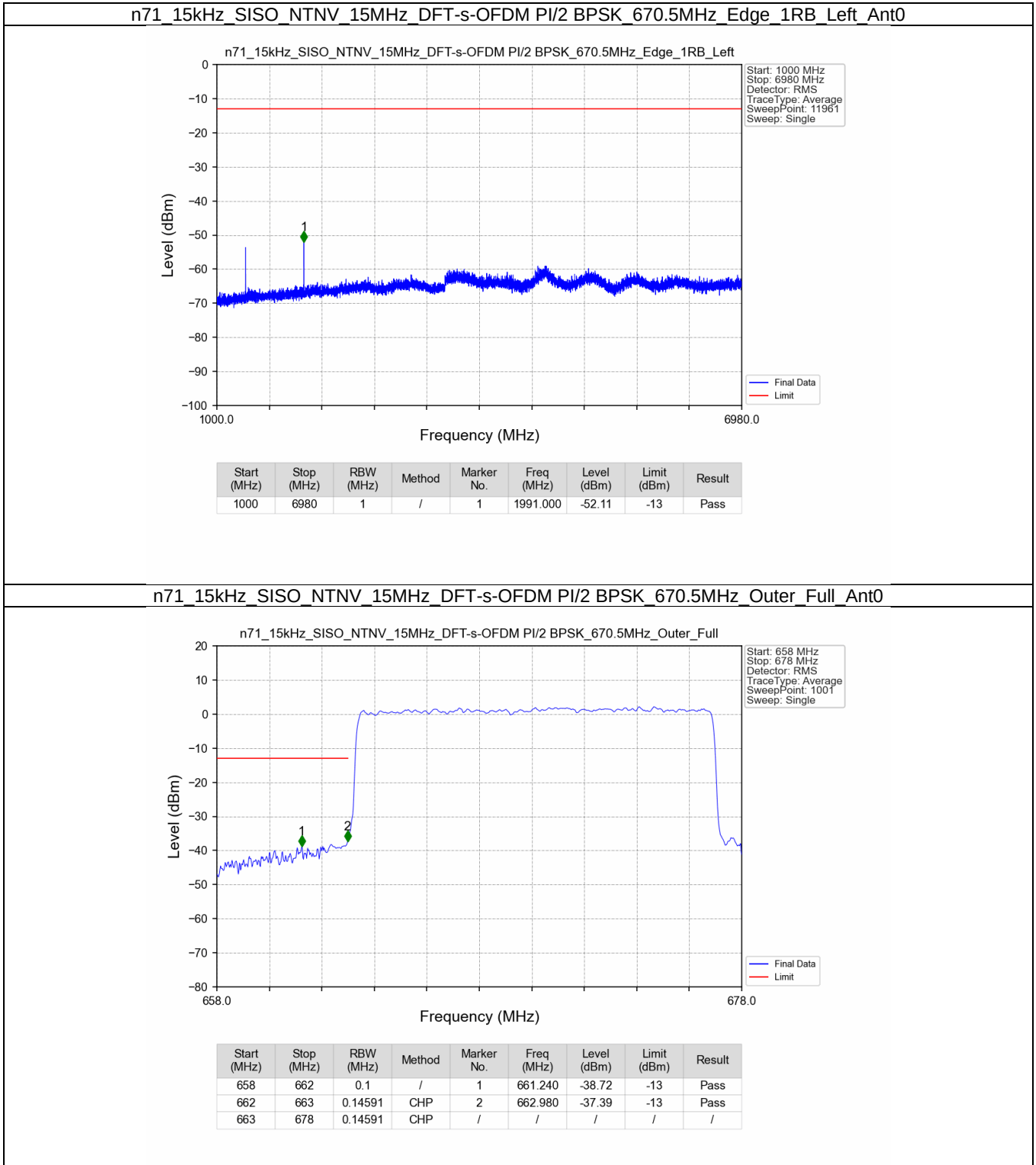


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	659.061	-46.94	-13	Pass
662	663	0.003	/	2	662.991	-43.75	-13	Pass
663	678	0.003	/	/	/	/	/	/

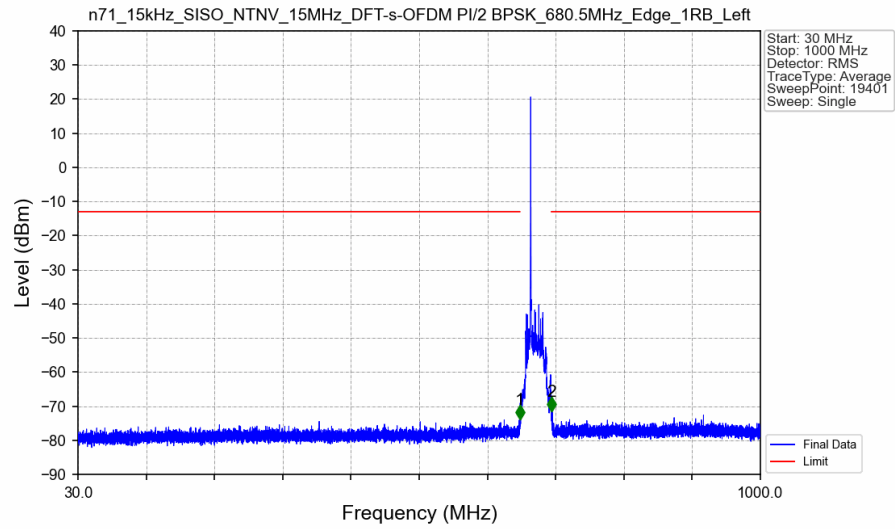
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_670.5MHz_Edge_1RB_Left_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.250	-51.09	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	901.850	-71.83	-13	Pass

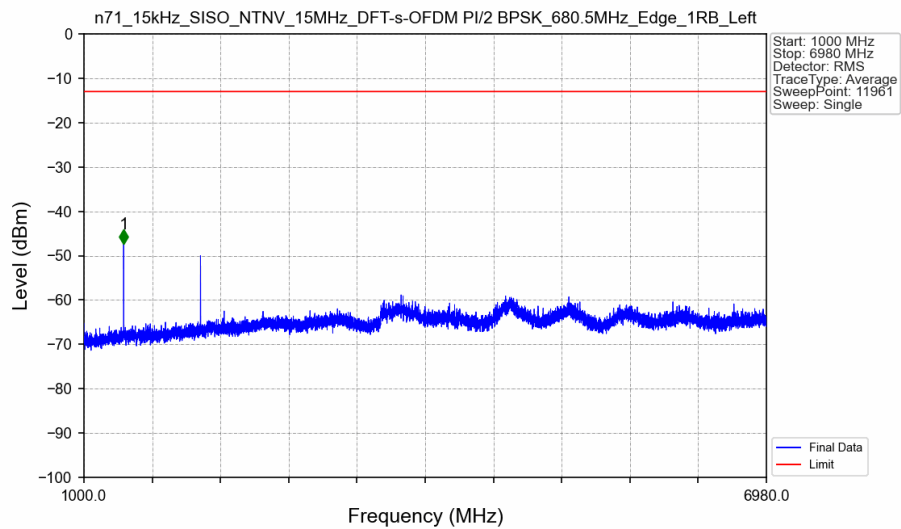


n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_680.5MHz_Edge_1RB_Left_Ant0



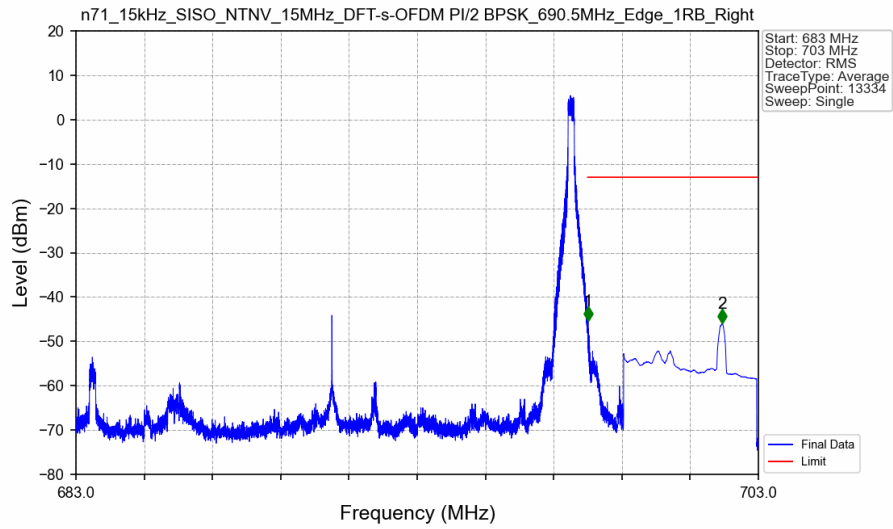
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.800	-73.84	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.100	-71.40	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_680.5MHz_Edge_1RB_Left_Ant0



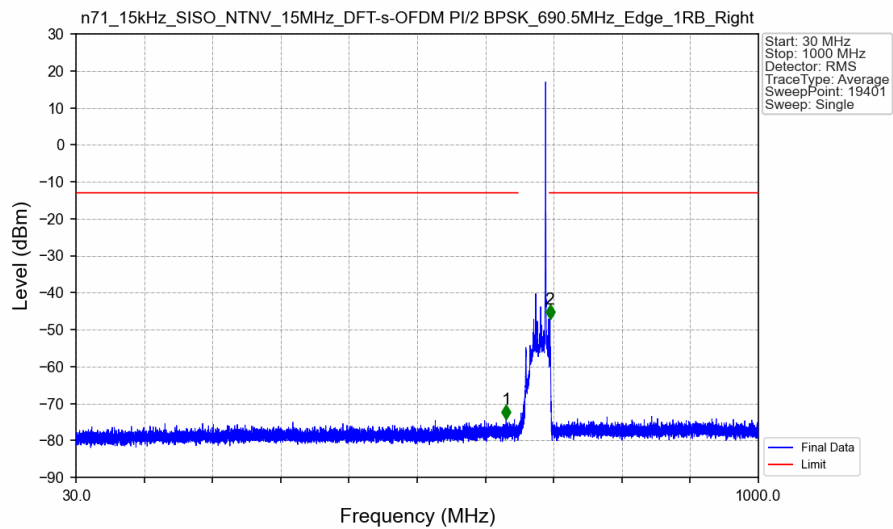
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1347.500	-47.29	-13	Pass

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



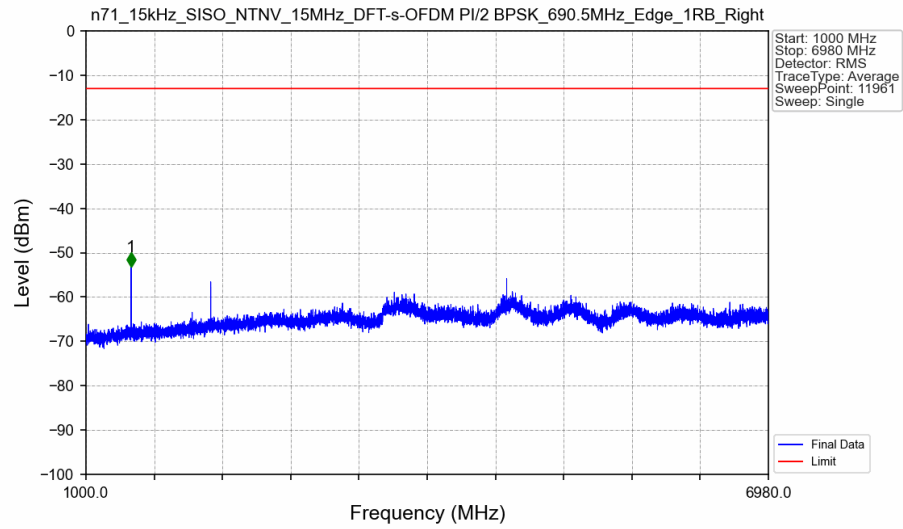
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.008	-45.35	-13	Pass
699	703	0.1	CHP	2	701.947	-45.90	-13	Pass

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



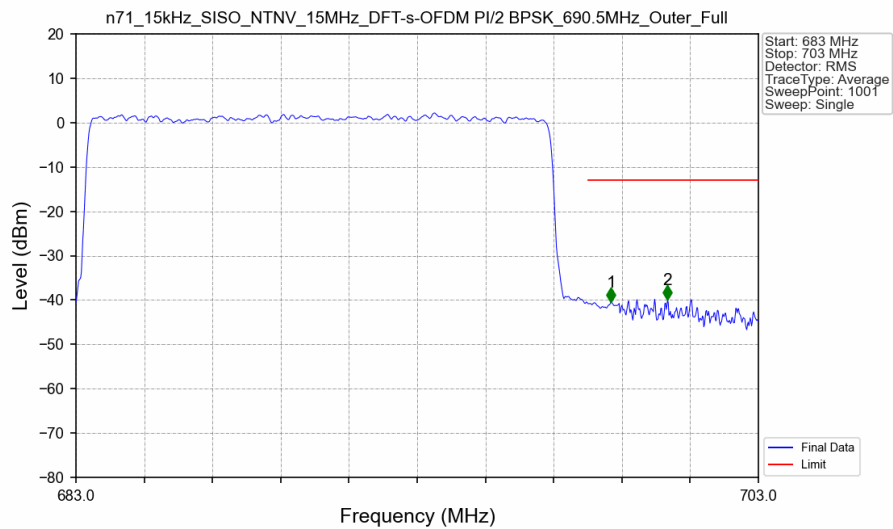
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	641.400	-74.15	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.750	-47.03	-13	Pass

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	1395.500	-53.18	-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	0.14591	CHP	/	/	/	/	/
698	699	0.14591	CHP	1	698.680	-40.48	-13	Pass
699	703	0.1	/	2	700.340	-39.79	-13	Pass