



Appendix A.34

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	22.91	/	/	16.48	/	/	<=34.77	Pass
		Edge_1RB_Right	22.83	/	/	16.40	/	/	<=34.77	Pass
		Outer_Full	22.87	/	/	16.44	/	/	<=34.77	Pass
		Inner_Full	23.38	/	/	16.95	/	/	<=34.77	Pass
		Inner_1RB_Left	23.45	/	/	17.02	/	/	<=34.77	Pass
		Inner_1RB_Right	23.37	/	/	16.94	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	22.57	/	/	16.14	/	/	<=34.77	Pass
		Edge_1RB_Right	22.58	/	/	16.15	/	/	<=34.77	Pass
		Outer_Full	22.64	/	/	16.21	/	/	<=34.77	Pass
		Inner_Full	23.16	/	/	16.73	/	/	<=34.77	Pass
		Inner_1RB_Left	23.18	/	/	16.75	/	/	<=34.77	Pass
		Inner_1RB_Right	23.19	/	/	16.76	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	22.47	/	/	16.04	/	/	<=34.77	Pass
		Edge_1RB_Right	22.42	/	/	15.99	/	/	<=34.77	Pass
		Outer_Full	22.52	/	/	16.09	/	/	<=34.77	Pass
		Inner_Full	22.92	/	/	16.49	/	/	<=34.77	Pass
		Inner_1RB_Left	22.90	/	/	16.47	/	/	<=34.77	Pass
		Inner_1RB_Right	22.88	/	/	16.45	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	665.5	Edge_1RB_Left	22.41	/	/	15.98	/	/	<=34.77	Pass
		Edge_1RB_Right	22.30	/	/	15.87	/	/	<=34.77	Pass
		Outer_Full	22.25	/	/	15.82	/	/	<=34.77	Pass
		Inner_Full	23.37	/	/	16.94	/	/	<=34.77	Pass
		Inner_1RB_Left	23.39	/	/	16.97	/	/	<=34.77	Pass
		Inner_1RB_Right	23.42	/	/	16.99	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	22.18	/	/	15.75	/	/	<=34.77	Pass
		Edge_1RB_Right	22.04	/	/	15.61	/	/	<=34.77	Pass
		Outer_Full	22.15	/	/	15.72	/	/	<=34.77	Pass
		Inner_Full	23.22	/	/	16.79	/	/	<=34.77	Pass
		Inner_1RB_Left	23.18	/	/	16.75	/	/	<=34.77	Pass
		Inner_1RB_Right	23.16	/	/	16.73	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	21.89	/	/	15.46	/	/	<=34.77	Pass
		Edge_1RB_Right	21.87	/	/	15.44	/	/	<=34.77	Pass
		Outer_Full	21.87	/	/	15.44	/	/	<=34.77	Pass
		Inner_Full	22.89	/	/	16.46	/	/	<=34.77	Pass
		Inner_1RB_Left	22.99	/	/	16.56	/	/	<=34.77	Pass
		Inner_1RB_Right	22.98	/	/	16.55	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	665.5	Edge_1RB_Left	21.70	/	/	15.27	/	/	<=34.77	Pass
		Edge_1RB_Right	21.62	/	/	15.19	/	/	<=34.77	Pass
		Outer_Full	21.39	/	/	14.96	/	/	<=34.77	Pass
		Inner_Full	22.37	/	/	15.94	/	/	<=34.77	Pass

		Inner_1RB_Left	22.63	/	/	16.20	/	/	<=34.77	Pass
		Inner_1RB_Right	22.61	/	/	16.18	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.47	/	/	15.04	/	/	<=34.77	Pass
		Edge_1RB_Right	21.38	/	/	14.95	/	/	<=34.77	Pass
		Outer_Full	21.25	/	/	14.82	/	/	<=34.77	Pass
		Inner_Full	22.20	/	/	15.77	/	/	<=34.77	Pass
		Inner_1RB_Left	22.46	/	/	16.03	/	/	<=34.77	Pass
		Inner_1RB_Right	22.35	/	/	15.92	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	21.31	/	/	14.88	/	/	<=34.77	Pass
		Edge_1RB_Right	21.24	/	/	14.81	/	/	<=34.77	Pass
		Outer_Full	21.06	/	/	14.63	/	/	<=34.77	Pass
		Inner_Full	21.88	/	/	15.45	/	/	<=34.77	Pass
		Inner_1RB_Left	22.21	/	/	15.78	/	/	<=34.77	Pass
		Inner_1RB_Right	22.07	/	/	15.64	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	665.5	Edge_1RB_Left	21.09	/	/	14.66	/	/	<=34.77	Pass
		Edge_1RB_Right	21.02	/	/	14.59	/	/	<=34.77	Pass
		Outer_Full	20.98	/	/	14.55	/	/	<=34.77	Pass
		Inner_Full	20.89	/	/	14.46	/	/	<=34.77	Pass
		Inner_1RB_Left	21.18	/	/	14.75	/	/	<=34.77	Pass
		Inner_1RB_Right	21.09	/	/	14.66	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.88	/	/	14.45	/	/	<=34.77	Pass
		Edge_1RB_Right	20.79	/	/	14.36	/	/	<=34.77	Pass
		Outer_Full	20.73	/	/	14.30	/	/	<=34.77	Pass
		Inner_Full	20.67	/	/	14.24	/	/	<=34.77	Pass
		Inner_1RB_Left	20.95	/	/	14.52	/	/	<=34.77	Pass
		Inner_1RB_Right	20.84	/	/	14.41	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	20.77	/	/	14.34	/	/	<=34.77	Pass
		Edge_1RB_Right	20.61	/	/	14.18	/	/	<=34.77	Pass
		Outer_Full	20.53	/	/	14.10	/	/	<=34.77	Pass
		Inner_Full	20.50	/	/	14.07	/	/	<=34.77	Pass
		Inner_1RB_Left	20.73	/	/	14.30	/	/	<=34.77	Pass
		Inner_1RB_Right	20.61	/	/	14.18	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	665.5	Edge_1RB_Left	18.90	/	/	12.47	/	/	<=34.77	Pass
		Edge_1RB_Right	18.84	/	/	12.41	/	/	<=34.77	Pass
		Outer_Full	18.80	/	/	12.37	/	/	<=34.77	Pass
		Inner_Full	18.70	/	/	12.27	/	/	<=34.77	Pass
		Inner_1RB_Left	18.87	/	/	12.44	/	/	<=34.77	Pass
		Inner_1RB_Right	18.88	/	/	12.45	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	18.71	/	/	12.28	/	/	<=34.77	Pass
		Edge_1RB_Right	18.54	/	/	12.11	/	/	<=34.77	Pass
		Outer_Full	18.61	/	/	12.18	/	/	<=34.77	Pass
		Inner_Full	18.67	/	/	12.24	/	/	<=34.77	Pass
		Inner_1RB_Left	18.67	/	/	12.24	/	/	<=34.77	Pass
		Inner_1RB_Right	18.69	/	/	12.26	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	18.58	/	/	12.15	/	/	<=34.77	Pass
		Edge_1RB_Right	18.44	/	/	12.01	/	/	<=34.77	Pass
		Outer_Full	18.45	/	/	12.02	/	/	<=34.77	Pass
		Inner_Full	18.54	/	/	12.11	/	/	<=34.77	Pass
		Inner_1RB_Left	18.57	/	/	12.14	/	/	<=34.77	Pass
		Inner_1RB_Right	18.56	/	/	12.13	/	/	<=34.77	Pass
CP-OFDM QPSK	665.5	Edge_1RB_Left	20.32	/	/	13.89	/	/	<=34.77	Pass
		Edge_1RB_Right	20.43	/	/	14.00	/	/	<=34.77	Pass
		Outer_Full	20.40	/	/	13.97	/	/	<=34.77	Pass

		Inner Full	21.88	/	/	15.45	/	/	<=34.77	Pass
		Inner 1RB Left	22.07	/	/	15.64	/	/	<=34.77	Pass
		Inner 1RB Right	22.09	/	/	15.66	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.21	/	/	13.78	/	/	<=34.77	Pass
		Edge 1RB Right	20.09	/	/	13.66	/	/	<=34.77	Pass
		Outer Full	20.18	/	/	13.75	/	/	<=34.77	Pass
		Inner Full	21.68	/	/	15.25	/	/	<=34.77	Pass
		Inner 1RB Left	21.81	/	/	15.38	/	/	<=34.77	Pass
		Inner 1RB Right	21.77	/	/	15.34	/	/	<=34.77	Pass
	695.5	Edge 1RB Left	19.97	/	/	13.54	/	/	<=34.77	Pass
		Edge 1RB Right	19.98	/	/	13.55	/	/	<=34.77	Pass
		Outer Full	19.97	/	/	13.54	/	/	<=34.77	Pass
		Inner Full	21.61	/	/	15.18	/	/	<=34.77	Pass
		Inner 1RB Left	21.69	/	/	15.26	/	/	<=34.77	Pass
		Inner 1RB Right	21.67	/	/	15.24	/	/	<=34.77	Pass
CP-OFDM 16 QAM	665.5	Edge 1RB Left	20.47	/	/	14.04	/	/	<=34.77	Pass
		Edge 1RB Right	20.51	/	/	14.08	/	/	<=34.77	Pass
		Outer Full	20.39	/	/	13.96	/	/	<=34.77	Pass
		Inner Full	21.54	/	/	15.11	/	/	<=34.77	Pass
		Inner 1RB Left	21.61	/	/	15.18	/	/	<=34.77	Pass
		Inner 1RB Right	21.70	/	/	15.27	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.29	/	/	13.86	/	/	<=34.77	Pass
		Edge 1RB Right	20.31	/	/	13.88	/	/	<=34.77	Pass
		Outer Full	20.20	/	/	13.77	/	/	<=34.77	Pass
		Inner Full	21.29	/	/	14.86	/	/	<=34.77	Pass
		Inner 1RB Left	21.40	/	/	14.97	/	/	<=34.77	Pass
		Inner 1RB Right	21.37	/	/	14.94	/	/	<=34.77	Pass
	695.5	Edge 1RB Left	20.13	/	/	13.70	/	/	<=34.77	Pass
		Edge 1RB Right	20.19	/	/	13.76	/	/	<=34.77	Pass
		Outer Full	20.08	/	/	13.65	/	/	<=34.77	Pass
		Inner Full	21.18	/	/	14.75	/	/	<=34.77	Pass
		Inner 1RB Left	21.18	/	/	14.75	/	/	<=34.77	Pass
		Inner 1RB Right	21.25	/	/	14.82	/	/	<=34.77	Pass
CP-OFDM 64 QAM	665.5	Edge 1RB Left	20.09	/	/	13.66	/	/	<=34.77	Pass
		Edge 1RB Right	20.07	/	/	13.64	/	/	<=34.77	Pass
		Outer Full	19.80	/	/	13.37	/	/	<=34.77	Pass
		Inner Full	19.90	/	/	13.47	/	/	<=34.77	Pass
		Inner 1RB Left	20.03	/	/	13.60	/	/	<=34.77	Pass
		Inner 1RB Right	20.12	/	/	13.69	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	19.86	/	/	13.43	/	/	<=34.77	Pass
		Edge 1RB Right	19.86	/	/	13.43	/	/	<=34.77	Pass
		Outer Full	19.69	/	/	13.26	/	/	<=34.77	Pass
		Inner Full	19.67	/	/	13.24	/	/	<=34.77	Pass
		Inner 1RB Left	19.95	/	/	13.52	/	/	<=34.77	Pass
		Inner 1RB Right	20.00	/	/	13.57	/	/	<=34.77	Pass
	695.5	Edge 1RB Left	19.75	/	/	13.32	/	/	<=34.77	Pass
		Edge 1RB Right	19.66	/	/	13.23	/	/	<=34.77	Pass
		Outer Full	19.49	/	/	13.06	/	/	<=34.77	Pass
		Inner Full	19.52	/	/	13.09	/	/	<=34.77	Pass
		Inner 1RB Left	19.77	/	/	13.34	/	/	<=34.77	Pass
		Inner 1RB Right	19.72	/	/	13.29	/	/	<=34.77	Pass
CP-OFDM 256 QAM	665.5	Edge 1RB Left	16.84	/	/	10.41	/	/	<=34.77	Pass
		Edge 1RB Right	16.80	/	/	10.37	/	/	<=34.77	Pass

		Outer Full	16.74	/	/	10.31	/	/	<=34.77	Pass
		Inner Full	16.82	/	/	10.39	/	/	<=34.77	Pass
		Inner 1RB Left	16.96	/	/	10.53	/	/	<=34.77	Pass
		Inner 1RB Right	16.84	/	/	10.41	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	16.57	/	/	10.14	/	/	<=34.77	Pass
		Edge 1RB Right	16.58	/	/	10.15	/	/	<=34.77	Pass
		Outer Full	16.69	/	/	10.26	/	/	<=34.77	Pass
		Inner Full	16.61	/	/	10.18	/	/	<=34.77	Pass
	695.5	Inner 1RB Left	16.56	/	/	10.13	/	/	<=34.77	Pass
		Inner 1RB Right	16.61	/	/	10.18	/	/	<=34.77	Pass
		Edge 1RB Left	16.44	/	/	10.01	/	/	<=34.77	Pass
		Edge 1RB Right	16.49	/	/	10.06	/	/	<=34.77	Pass
		Outer Full	16.47	/	/	10.04	/	/	<=34.77	Pass
		Inner Full	16.55	/	/	10.12	/	/	<=34.77	Pass
		Inner 1RB Left	16.53	/	/	10.10	/	/	<=34.77	Pass
		Inner 1RB Right	16.50	/	/	10.07	/	/	<=34.77	Pass

Note1: Antenna Gain: Ant0: -4.28dBi;
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	22.93	/	/	16.50	/	/	<=34.77	Pass
		Edge 1RB Right	22.79	/	/	16.36	/	/	<=34.77	Pass
		Outer Full	22.75	/	/	16.32	/	/	<=34.77	Pass
		Inner Full	23.28	/	/	16.85	/	/	<=34.77	Pass
		Inner 1RB Left	23.48	/	/	17.05	/	/	<=34.77	Pass
		Inner 1RB Right	23.32	/	/	16.89	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.73	/	/	16.30	/	/	<=34.77	Pass
		Edge 1RB Right	22.65	/	/	16.22	/	/	<=34.77	Pass
		Outer Full	22.74	/	/	16.31	/	/	<=34.77	Pass
		Inner Full	23.19	/	/	16.76	/	/	<=34.77	Pass
		Inner 1RB Left	23.23	/	/	16.80	/	/	<=34.77	Pass
		Inner 1RB Right	23.17	/	/	16.74	/	/	<=34.77	Pass
	693	Edge 1RB Left	22.64	/	/	16.22	/	/	<=34.77	Pass
		Edge 1RB Right	22.40	/	/	15.97	/	/	<=34.77	Pass
		Outer Full	22.62	/	/	16.19	/	/	<=34.77	Pass
		Inner Full	23.02	/	/	16.59	/	/	<=34.77	Pass
		Inner 1RB Left	23.13	/	/	16.70	/	/	<=34.77	Pass
		Inner 1RB Right	23.00	/	/	16.57	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	668	Edge 1RB Left	22.48	/	/	16.05	/	/	<=34.77	Pass
		Edge 1RB Right	22.28	/	/	15.85	/	/	<=34.77	Pass
		Outer Full	22.29	/	/	15.86	/	/	<=34.77	Pass
		Inner Full	23.33	/	/	16.90	/	/	<=34.77	Pass
		Inner 1RB Left	23.49	/	/	17.06	/	/	<=34.77	Pass
		Inner 1RB Right	23.31	/	/	16.88	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.27	/	/	15.84	/	/	<=34.77	Pass
		Edge 1RB Right	22.14	/	/	15.71	/	/	<=34.77	Pass
		Outer Full	22.19	/	/	15.76	/	/	<=34.77	Pass

		Inner Full	23.14	/	/	16.72	/	/	<=34.77	Pass
		Inner 1RB Left	23.30	/	/	16.87	/	/	<=34.77	Pass
		Inner 1RB Right	23.26	/	/	16.83	/	/	<=34.77	Pass
	693	Edge 1RB Left	22.11	/	/	15.68	/	/	<=34.77	Pass
		Edge 1RB Right	21.95	/	/	15.52	/	/	<=34.77	Pass
		Outer Full	22.16	/	/	15.73	/	/	<=34.77	Pass
		Inner Full	23.03	/	/	16.60	/	/	<=34.77	Pass
		Inner 1RB Left	23.15	/	/	16.72	/	/	<=34.77	Pass
		Inner 1RB Right	23.09	/	/	16.66	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	668	Edge 1RB Left	21.80	/	/	15.37	/	/	<=34.77	Pass
		Edge 1RB Right	21.59	/	/	15.16	/	/	<=34.77	Pass
		Outer Full	21.31	/	/	14.88	/	/	<=34.77	Pass
		Inner Full	22.31	/	/	15.88	/	/	<=34.77	Pass
		Inner 1RB Left	22.73	/	/	16.31	/	/	<=34.77	Pass
		Inner 1RB Right	22.59	/	/	16.16	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.48	/	/	15.05	/	/	<=34.77	Pass
		Edge 1RB Right	21.50	/	/	15.07	/	/	<=34.77	Pass
		Outer Full	21.19	/	/	14.76	/	/	<=34.77	Pass
		Inner Full	22.21	/	/	15.78	/	/	<=34.77	Pass
		Inner 1RB Left	22.46	/	/	16.03	/	/	<=34.77	Pass
		Inner 1RB Right	22.44	/	/	16.01	/	/	<=34.77	Pass
	693	Edge 1RB Left	21.53	/	/	15.10	/	/	<=34.77	Pass
		Edge 1RB Right	21.37	/	/	14.94	/	/	<=34.77	Pass
		Outer Full	21.13	/	/	14.70	/	/	<=34.77	Pass
		Inner Full	22.00	/	/	15.57	/	/	<=34.77	Pass
		Inner 1RB Left	22.37	/	/	15.94	/	/	<=34.77	Pass
		Inner 1RB Right	22.17	/	/	15.74	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	668	Edge 1RB Left	21.22	/	/	14.79	/	/	<=34.77	Pass
		Edge 1RB Right	20.98	/	/	14.55	/	/	<=34.77	Pass
		Outer Full	20.82	/	/	14.39	/	/	<=34.77	Pass
		Inner Full	20.79	/	/	14.36	/	/	<=34.77	Pass
		Inner 1RB Left	21.26	/	/	14.83	/	/	<=34.77	Pass
		Inner 1RB Right	21.01	/	/	14.58	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.89	/	/	14.46	/	/	<=34.77	Pass
		Edge 1RB Right	20.90	/	/	14.47	/	/	<=34.77	Pass
		Outer Full	20.70	/	/	14.27	/	/	<=34.77	Pass
		Inner Full	20.70	/	/	14.27	/	/	<=34.77	Pass
		Inner 1RB Left	20.99	/	/	14.56	/	/	<=34.77	Pass
		Inner 1RB Right	20.97	/	/	14.54	/	/	<=34.77	Pass
	693	Edge 1RB Left	20.87	/	/	14.44	/	/	<=34.77	Pass
		Edge 1RB Right	20.73	/	/	14.30	/	/	<=34.77	Pass
		Outer Full	20.66	/	/	14.23	/	/	<=34.77	Pass
		Inner Full	20.61	/	/	14.18	/	/	<=34.77	Pass
		Inner 1RB Left	20.96	/	/	14.53	/	/	<=34.77	Pass
		Inner 1RB Right	20.75	/	/	14.32	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	668	Edge 1RB Left	18.88	/	/	12.45	/	/	<=34.77	Pass
		Edge 1RB Right	18.80	/	/	12.37	/	/	<=34.77	Pass
		Outer Full	18.77	/	/	12.34	/	/	<=34.77	Pass
		Inner Full	18.76	/	/	12.33	/	/	<=34.77	Pass
		Inner 1RB Left	18.96	/	/	12.53	/	/	<=34.77	Pass
		Inner 1RB Right	18.75	/	/	12.32	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	18.71	/	/	12.28	/	/	<=34.77	Pass
		Edge 1RB Right	18.74	/	/	12.31	/	/	<=34.77	Pass

		Outer_Full	18.75	/	/	12.32	/	/	<=34.77	Pass
		Inner_Full	18.64	/	/	12.21	/	/	<=34.77	Pass
		Inner_1RB_Left	18.81	/	/	12.38	/	/	<=34.77	Pass
		Inner_1RB_Right	18.73	/	/	12.30	/	/	<=34.77	Pass
	693	Edge_1RB_Left	18.63	/	/	12.20	/	/	<=34.77	Pass
		Edge_1RB_Right	18.48	/	/	12.05	/	/	<=34.77	Pass
		Outer_Full	18.67	/	/	12.24	/	/	<=34.77	Pass
		Inner_Full	18.52	/	/	12.09	/	/	<=34.77	Pass
		Inner_1RB_Left	18.69	/	/	12.26	/	/	<=34.77	Pass
		Inner_1RB_Right	18.53	/	/	12.10	/	/	<=34.77	Pass
		Edge_1RB_Left	20.45	/	/	14.02	/	/	<=34.77	Pass
		Edge_1RB_Right	20.24	/	/	13.81	/	/	<=34.77	Pass
CP-OFDM QPSK	668	Outer_Full	20.37	/	/	13.94	/	/	<=34.77	Pass
		Inner_Full	21.82	/	/	15.39	/	/	<=34.77	Pass
		Inner_1RB_Left	22.10	/	/	15.67	/	/	<=34.77	Pass
		Inner_1RB_Right	21.87	/	/	15.44	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.13	/	/	13.70	/	/	<=34.77	Pass
		Edge_1RB_Right	20.28	/	/	13.85	/	/	<=34.77	Pass
		Outer_Full	20.17	/	/	13.74	/	/	<=34.77	Pass
		Inner_Full	21.69	/	/	15.26	/	/	<=34.77	Pass
		Inner_1RB_Left	21.75	/	/	15.32	/	/	<=34.77	Pass
		Inner_1RB_Right	21.75	/	/	15.32	/	/	<=34.77	Pass
	693	Edge_1RB_Left	20.11	/	/	13.68	/	/	<=34.77	Pass
		Edge_1RB_Right	19.90	/	/	13.47	/	/	<=34.77	Pass
		Outer_Full	20.14	/	/	13.71	/	/	<=34.77	Pass
		Inner_Full	21.61	/	/	15.18	/	/	<=34.77	Pass
		Inner_1RB_Left	21.83	/	/	15.40	/	/	<=34.77	Pass
		Inner_1RB_Right	21.68	/	/	15.25	/	/	<=34.77	Pass
CP-OFDM 16 QAM	668	Edge_1RB_Left	20.69	/	/	14.26	/	/	<=34.77	Pass
		Edge_1RB_Right	20.45	/	/	14.02	/	/	<=34.77	Pass
		Outer_Full	20.42	/	/	13.99	/	/	<=34.77	Pass
		Inner_Full	21.33	/	/	14.90	/	/	<=34.77	Pass
		Inner_1RB_Left	21.79	/	/	15.36	/	/	<=34.77	Pass
		Inner_1RB_Right	21.54	/	/	15.11	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.36	/	/	13.93	/	/	<=34.77	Pass
		Edge_1RB_Right	20.39	/	/	13.96	/	/	<=34.77	Pass
		Outer_Full	20.21	/	/	13.78	/	/	<=34.77	Pass
		Inner_Full	21.20	/	/	14.77	/	/	<=34.77	Pass
		Inner_1RB_Left	21.43	/	/	15.00	/	/	<=34.77	Pass
		Inner_1RB_Right	21.53	/	/	15.10	/	/	<=34.77	Pass
	693	Edge_1RB_Left	20.41	/	/	13.98	/	/	<=34.77	Pass
		Edge_1RB_Right	20.20	/	/	13.77	/	/	<=34.77	Pass
		Outer_Full	20.10	/	/	13.67	/	/	<=34.77	Pass
		Inner_Full	21.05	/	/	14.62	/	/	<=34.77	Pass
		Inner_1RB_Left	21.41	/	/	14.98	/	/	<=34.77	Pass
		Inner_1RB_Right	21.24	/	/	14.81	/	/	<=34.77	Pass
CP-OFDM 64 QAM	668	Edge_1RB_Left	20.13	/	/	13.70	/	/	<=34.77	Pass
		Edge_1RB_Right	19.92	/	/	13.49	/	/	<=34.77	Pass
		Outer_Full	19.87	/	/	13.44	/	/	<=34.77	Pass
		Inner_Full	19.83	/	/	13.40	/	/	<=34.77	Pass
		Inner_1RB_Left	20.16	/	/	13.73	/	/	<=34.77	Pass
		Inner_1RB_Right	20.01	/	/	13.58	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.91	/	/	13.48	/	/	<=34.77	Pass

		Edge_1RB_Right	19.95	/	/	13.52	/	/	<=34.77	Pass
		Outer_Full	19.70	/	/	13.27	/	/	<=34.77	Pass
		Inner_Full	19.67	/	/	13.24	/	/	<=34.77	Pass
		Inner_1RB_Left	19.90	/	/	13.47	/	/	<=34.77	Pass
		Inner_1RB_Right	20.03	/	/	13.60	/	/	<=34.77	Pass
	693	Edge_1RB_Left	19.90	/	/	13.47	/	/	<=34.77	Pass
		Edge_1RB_Right	19.79	/	/	13.36	/	/	<=34.77	Pass
		Outer_Full	19.65	/	/	13.22	/	/	<=34.77	Pass
		Inner_Full	19.49	/	/	13.06	/	/	<=34.77	Pass
		Inner_1RB_Left	19.94	/	/	13.51	/	/	<=34.77	Pass
CP-OFDM 256 QAM	668	Inner_1RB_Right	19.79	/	/	13.36	/	/	<=34.77	Pass
		Edge_1RB_Left	16.91	/	/	10.48	/	/	<=34.77	Pass
		Edge_1RB_Right	16.69	/	/	10.26	/	/	<=34.77	Pass
		Outer_Full	16.82	/	/	10.39	/	/	<=34.77	Pass
		Inner_Full	16.78	/	/	10.35	/	/	<=34.77	Pass
		Inner_1RB_Left	16.96	/	/	10.53	/	/	<=34.77	Pass
	680.5	Inner_1RB_Right	16.82	/	/	10.39	/	/	<=34.77	Pass
		Edge_1RB_Left	13.88	/	/	7.45	/	/	<=34.77	Pass
		Edge_1RB_Right	16.81	/	/	10.38	/	/	<=34.77	Pass
		Outer_Full	13.14	/	/	6.71	/	/	<=34.77	Pass
Inner_Full		16.81	/	/	10.38	/	/	<=34.77	Pass	
Inner_1RB_Left		13.77	/	/	7.34	/	/	<=34.77	Pass	
693	Inner_1RB_Right	16.68	/	/	10.25	/	/	<=34.77	Pass	
	Edge_1RB_Left	16.61	/	/	10.18	/	/	<=34.77	Pass	
	Edge_1RB_Right	16.49	/	/	10.06	/	/	<=34.77	Pass	
	Outer_Full	16.67	/	/	10.24	/	/	<=34.77	Pass	
	Inner_Full	16.55	/	/	10.12	/	/	<=34.77	Pass	
	Inner_1RB_Left	16.69	/	/	10.26	/	/	<=34.77	Pass	
Inner_1RB_Right	16.63	/	/	10.20	/	/	<=34.77	Pass		
Note1: Antenna Gain: Ant0: -4.28dBi; 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	22.92	/	/	16.49	/	/	<=34.77	Pass
		Edge 1RB Right	22.53	/	/	16.10	/	/	<=34.77	Pass
		Outer Full	22.88	/	/	16.45	/	/	<=34.77	Pass
		Inner Full	23.31	/	/	16.88	/	/	<=34.77	Pass
		Inner 1RB Left	23.49	/	/	17.06	/	/	<=34.77	Pass
		Inner 1RB Right	23.22	/	/	16.79	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.64	/	/	16.21	/	/	<=34.77	Pass
		Edge 1RB Right	22.55	/	/	16.12	/	/	<=34.77	Pass
		Outer Full	22.71	/	/	16.28	/	/	<=34.77	Pass
		Inner Full	23.29	/	/	16.86	/	/	<=34.77	Pass
		Inner 1RB Left	23.18	/	/	16.75	/	/	<=34.77	Pass
		Inner 1RB Right	23.14	/	/	16.71	/	/	<=34.77	Pass
	690.5	Edge 1RB Left	22.56	/	/	16.13	/	/	<=34.77	Pass
		Edge 1RB Right	22.32	/	/	15.89	/	/	<=34.77	Pass

DFT-s-OFDM QPSK	670.5	Outer Full	22.53	/	/	16.10	/	/	<=34.77	Pass
		Inner Full	23.08	/	/	16.65	/	/	<=34.77	Pass
		Inner 1RB Left	23.24	/	/	16.81	/	/	<=34.77	Pass
		Inner 1RB Right	22.91	/	/	16.48	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.48	/	/	16.05	/	/	<=34.77	Pass
		Edge 1RB Right	22.11	/	/	15.68	/	/	<=34.77	Pass
		Outer Full	22.32	/	/	15.89	/	/	<=34.77	Pass
		Inner Full	23.25	/	/	16.82	/	/	<=34.77	Pass
	690.5	Inner 1RB Left	23.51	/	/	17.08	/	/	<=34.77	Pass
		Inner 1RB Right	23.21	/	/	16.78	/	/	<=34.77	Pass
		Edge 1RB Left	22.10	/	/	15.67	/	/	<=34.77	Pass
		Edge 1RB Right	22.00	/	/	15.57	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	670.5	Outer Full	22.16	/	/	15.73	/	/	<=34.77	Pass
		Inner Full	23.33	/	/	16.90	/	/	<=34.77	Pass
		Inner 1RB Left	23.25	/	/	16.82	/	/	<=34.77	Pass
		Inner 1RB Right	23.08	/	/	16.65	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.09	/	/	15.66	/	/	<=34.77	Pass
		Edge 1RB Right	21.83	/	/	15.40	/	/	<=34.77	Pass
		Outer Full	22.05	/	/	15.62	/	/	<=34.77	Pass
		Inner Full	23.11	/	/	16.68	/	/	<=34.77	Pass
	690.5	Inner 1RB Left	23.18	/	/	16.76	/	/	<=34.77	Pass
		Inner 1RB Right	22.98	/	/	16.55	/	/	<=34.77	Pass
		Edge 1RB Left	21.52	/	/	15.09	/	/	<=34.77	Pass
		Edge 1RB Right	21.30	/	/	14.87	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	670.5	Outer Full	21.39	/	/	14.96	/	/	<=34.77	Pass
		Inner Full	22.31	/	/	15.88	/	/	<=34.77	Pass
		Inner 1RB Left	22.55	/	/	16.12	/	/	<=34.77	Pass
		Inner 1RB Right	22.30	/	/	15.87	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.44	/	/	15.01	/	/	<=34.77	Pass
		Edge 1RB Right	21.34	/	/	14.91	/	/	<=34.77	Pass
		Outer Full	21.26	/	/	14.83	/	/	<=34.77	Pass
		Inner Full	22.37	/	/	15.94	/	/	<=34.77	Pass
	690.5	Inner 1RB Left	22.41	/	/	15.98	/	/	<=34.77	Pass
		Inner 1RB Right	22.18	/	/	15.75	/	/	<=34.77	Pass
		Edge 1RB Left	21.29	/	/	14.86	/	/	<=34.77	Pass
		Edge 1RB Right	21.12	/	/	14.69	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	670.5	Outer Full	21.12	/	/	14.69	/	/	<=34.77	Pass
		Inner Full	22.20	/	/	15.77	/	/	<=34.77	Pass
		Inner 1RB Left	22.32	/	/	15.89	/	/	<=34.77	Pass
		Inner 1RB Right	22.14	/	/	15.71	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.96	/	/	14.53	/	/	<=34.77	Pass
		Edge 1RB Right	20.82	/	/	14.39	/	/	<=34.77	Pass
		Outer Full	20.84	/	/	14.41	/	/	<=34.77	Pass
		Inner Full	20.76	/	/	14.33	/	/	<=34.77	Pass
	690.5	Inner 1RB Left	21.00	/	/	14.57	/	/	<=34.77	Pass
		Inner 1RB Right	20.86	/	/	14.43	/	/	<=34.77	Pass
		Edge 1RB Left	20.83	/	/	14.40	/	/	<=34.77	Pass
		Edge 1RB Right	20.75	/	/	14.32	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	670.5	Outer Full	20.71	/	/	14.28	/	/	<=34.77	Pass
		Inner Full	20.77	/	/	14.34	/	/	<=34.77	Pass
		Inner 1RB Left	20.92	/	/	14.49	/	/	<=34.77	Pass
		Inner 1RB Right	20.94	/	/	14.51	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.80	/	/	14.37	/	/	<=34.77	Pass
		Edge 1RB Right	20.75	/	/	14.32	/	/	<=34.77	Pass
		Outer Full	20.71	/	/	14.28	/	/	<=34.77	Pass
		Inner Full	20.77	/	/	14.34	/	/	<=34.77	Pass
	690.5	Inner 1RB Left	20.92	/	/	14.49	/	/	<=34.77	Pass
		Inner 1RB Right	20.94	/	/	14.51	/	/	<=34.77	Pass
		Edge 1RB Left	20.80	/	/	14.37	/	/	<=34.77	Pass
		Edge 1RB Right	20.75	/	/	14.32	/	/	<=34.77	Pass

		Edge 1RB Right	20.60	/	/	14.17	/	/	<=34.77	Pass
		Outer Full	20.57	/	/	14.14	/	/	<=34.77	Pass
		Inner Full	20.66	/	/	14.23	/	/	<=34.77	Pass
		Inner 1RB Left	20.87	/	/	14.44	/	/	<=34.77	Pass
		Inner 1RB Right	20.68	/	/	14.25	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	670.5	Edge 1RB Left	18.65	/	/	12.22	/	/	<=34.77	Pass
		Edge 1RB Right	18.64	/	/	12.21	/	/	<=34.77	Pass
		Outer Full	18.88	/	/	12.45	/	/	<=34.77	Pass
		Inner Full	18.78	/	/	12.35	/	/	<=34.77	Pass
		Inner 1RB Left	18.71	/	/	12.28	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	18.64	/	/	12.21	/	/	<=34.77	Pass
		Edge 1RB Left	18.55	/	/	12.12	/	/	<=34.77	Pass
		Edge 1RB Right	18.57	/	/	12.14	/	/	<=34.77	Pass
		Outer Full	18.79	/	/	12.36	/	/	<=34.77	Pass
		Inner Full	18.80	/	/	12.37	/	/	<=34.77	Pass
	690.5	Inner 1RB Left	18.64	/	/	12.21	/	/	<=34.77	Pass
		Inner 1RB Right	18.63	/	/	12.20	/	/	<=34.77	Pass
		Edge 1RB Left	18.46	/	/	12.03	/	/	<=34.77	Pass
		Edge 1RB Right	18.41	/	/	11.98	/	/	<=34.77	Pass
		Outer Full	18.71	/	/	12.28	/	/	<=34.77	Pass
CP-OFDM QPSK	670.5	Inner Full	18.72	/	/	12.29	/	/	<=34.77	Pass
		Inner 1RB Left	18.49	/	/	12.06	/	/	<=34.77	Pass
		Inner 1RB Right	18.51	/	/	12.08	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.34	/	/	13.91	/	/	<=34.77	Pass
		Edge 1RB Right	20.18	/	/	13.75	/	/	<=34.77	Pass
		Outer Full	20.30	/	/	13.87	/	/	<=34.77	Pass
		Inner Full	21.86	/	/	15.43	/	/	<=34.77	Pass
		Inner 1RB Left	22.14	/	/	15.71	/	/	<=34.77	Pass
	690.5	Inner 1RB Right	21.80	/	/	15.37	/	/	<=34.77	Pass
		Edge 1RB Left	20.08	/	/	13.65	/	/	<=34.77	Pass
		Edge 1RB Right	20.14	/	/	13.71	/	/	<=34.77	Pass
		Outer Full	20.16	/	/	13.73	/	/	<=34.77	Pass
		Inner Full	21.83	/	/	15.40	/	/	<=34.77	Pass
CP-OFDM 16 QAM	670.5	Inner 1RB Left	21.84	/	/	15.41	/	/	<=34.77	Pass
		Inner 1RB Right	21.75	/	/	15.32	/	/	<=34.77	Pass
		Edge 1RB Left	20.07	/	/	13.64	/	/	<=34.77	Pass
		Edge 1RB Right	20.01	/	/	13.58	/	/	<=34.77	Pass
		Outer Full	20.18	/	/	13.75	/	/	<=34.77	Pass
	680.5	Inner Full	21.74	/	/	15.31	/	/	<=34.77	Pass
		Inner 1RB Left	21.69	/	/	15.26	/	/	<=34.77	Pass
		Inner 1RB Right	21.60	/	/	15.17	/	/	<=34.77	Pass
		Edge 1RB Left	20.35	/	/	13.92	/	/	<=34.77	Pass
		Edge 1RB Right	20.30	/	/	13.87	/	/	<=34.77	Pass
	690.5	Outer Full	20.34	/	/	13.91	/	/	<=34.77	Pass
		Inner Full	21.37	/	/	14.94	/	/	<=34.77	Pass
		Inner 1RB Left	21.41	/	/	14.98	/	/	<=34.77	Pass
		Inner 1RB Right	21.38	/	/	14.95	/	/	<=34.77	Pass
		Edge 1RB Left	20.25	/	/	13.82	/	/	<=34.77	Pass
	680.5	Edge 1RB Right	20.32	/	/	13.89	/	/	<=34.77	Pass
		Outer Full	20.29	/	/	13.86	/	/	<=34.77	Pass
		Inner Full	21.28	/	/	14.85	/	/	<=34.77	Pass
		Inner 1RB Left	21.30	/	/	14.87	/	/	<=34.77	Pass
		Inner 1RB Right	21.41	/	/	14.98	/	/	<=34.77	Pass

	690.5	Edge_1RB_Left	20.24	/	/	13.81	/	/	<=34.77	Pass
		Edge_1RB_Right	20.08	/	/	13.65	/	/	<=34.77	Pass
		Outer_Full	20.22	/	/	13.79	/	/	<=34.77	Pass
		Inner_Full	21.20	/	/	14.77	/	/	<=34.77	Pass
		Inner_1RB_Left	21.33	/	/	14.90	/	/	<=34.77	Pass
		Inner_1RB_Right	21.23	/	/	14.80	/	/	<=34.77	Pass
CP-OFDM 64 QAM	670.5	Edge_1RB_Left	19.98	/	/	13.55	/	/	<=34.77	Pass
		Edge_1RB_Right	19.84	/	/	13.41	/	/	<=34.77	Pass
		Outer_Full	19.91	/	/	13.48	/	/	<=34.77	Pass
		Inner_Full	19.82	/	/	13.39	/	/	<=34.77	Pass
		Inner_1RB_Left	20.01	/	/	13.58	/	/	<=34.77	Pass
		Inner_1RB_Right	19.86	/	/	13.43	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.84	/	/	13.41	/	/	<=34.77	Pass
		Edge_1RB_Right	19.80	/	/	13.37	/	/	<=34.77	Pass
		Outer_Full	19.78	/	/	13.35	/	/	<=34.77	Pass
		Inner_Full	19.78	/	/	13.35	/	/	<=34.77	Pass
		Inner_1RB_Left	19.85	/	/	13.42	/	/	<=34.77	Pass
		Inner_1RB_Right	19.97	/	/	13.54	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	19.82	/	/	13.39	/	/	<=34.77	Pass
		Edge_1RB_Right	19.63	/	/	13.20	/	/	<=34.77	Pass
		Outer_Full	19.71	/	/	13.28	/	/	<=34.77	Pass
		Inner_Full	19.66	/	/	13.23	/	/	<=34.77	Pass
		Inner_1RB_Left	19.91	/	/	13.48	/	/	<=34.77	Pass
		Inner_1RB_Right	19.73	/	/	13.30	/	/	<=34.77	Pass
CP-OFDM 256 QAM	670.5	Edge_1RB_Left	16.68	/	/	10.25	/	/	<=34.77	Pass
		Edge_1RB_Right	16.58	/	/	10.15	/	/	<=34.77	Pass
		Outer_Full	16.92	/	/	10.49	/	/	<=34.77	Pass
		Inner_Full	16.82	/	/	10.39	/	/	<=34.77	Pass
		Inner_1RB_Left	16.71	/	/	10.28	/	/	<=34.77	Pass
		Inner_1RB_Right	16.62	/	/	10.19	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	16.57	/	/	10.14	/	/	<=34.77	Pass
		Edge_1RB_Right	16.54	/	/	10.11	/	/	<=34.77	Pass
		Outer_Full	16.79	/	/	10.36	/	/	<=34.77	Pass
		Inner_Full	16.71	/	/	10.28	/	/	<=34.77	Pass
		Inner_1RB_Left	16.58	/	/	10.15	/	/	<=34.77	Pass
		Inner_1RB_Right	16.63	/	/	10.20	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	16.49	/	/	10.06	/	/	<=34.77	Pass
		Edge_1RB_Right	16.45	/	/	10.02	/	/	<=34.77	Pass
		Outer_Full	16.66	/	/	10.23	/	/	<=34.77	Pass
		Inner_Full	16.73	/	/	10.30	/	/	<=34.77	Pass
		Inner_1RB_Left	16.48	/	/	10.05	/	/	<=34.77	Pass
		Inner_1RB_Right	16.50	/	/	10.07	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant0: -4.28dBi; 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	673	Edge_1RB_Left	22.82	/	/	16.39	/	/	<=34.77	Pass

BPSK		Edge_1RB_Right	22.63	/	/	16.20	/	/	<=34.77	Pass
		Outer_Full	22.72	/	/	16.29	/	/	<=34.77	Pass
		Inner_Full	23.37	/	/	16.94	/	/	<=34.77	Pass
		Inner_1RB_Left	23.36	/	/	16.93	/	/	<=34.77	Pass
		Inner_1RB_Right	23.22	/	/	16.79	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	22.65	/	/	16.22	/	/	<=34.77	Pass
		Edge_1RB_Right	22.48	/	/	16.05	/	/	<=34.77	Pass
		Outer_Full	22.69	/	/	16.26	/	/	<=34.77	Pass
		Inner_Full	23.32	/	/	16.89	/	/	<=34.77	Pass
		Inner_1RB_Left	23.23	/	/	16.80	/	/	<=34.77	Pass
	688	Inner_1RB_Right	23.10	/	/	16.67	/	/	<=34.77	Pass
		Edge_1RB_Left	22.59	/	/	16.16	/	/	<=34.77	Pass
		Edge_1RB_Right	22.31	/	/	15.88	/	/	<=34.77	Pass
		Outer_Full	22.61	/	/	16.18	/	/	<=34.77	Pass
		Inner_Full	23.14	/	/	16.71	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	673	Inner_1RB_Left	23.18	/	/	16.75	/	/	<=34.77	Pass
		Inner_1RB_Right	22.92	/	/	16.49	/	/	<=34.77	Pass
		Edge_1RB_Left	22.42	/	/	15.99	/	/	<=34.77	Pass
		Edge_1RB_Right	22.11	/	/	15.68	/	/	<=34.77	Pass
		Outer_Full	22.22	/	/	15.79	/	/	<=34.77	Pass
	680.5	Inner_Full	23.34	/	/	16.91	/	/	<=34.77	Pass
		Inner_1RB_Left	23.39	/	/	16.96	/	/	<=34.77	Pass
		Inner_1RB_Right	23.23	/	/	16.80	/	/	<=34.77	Pass
		Edge_1RB_Left	22.22	/	/	15.79	/	/	<=34.77	Pass
		Edge_1RB_Right	22.01	/	/	15.58	/	/	<=34.77	Pass
	688	Outer_Full	22.20	/	/	15.77	/	/	<=34.77	Pass
		Inner_Full	23.31	/	/	16.88	/	/	<=34.77	Pass
		Inner_1RB_Left	23.26	/	/	16.83	/	/	<=34.77	Pass
		Inner_1RB_Right	23.04	/	/	16.61	/	/	<=34.77	Pass
		Edge_1RB_Left	22.15	/	/	15.72	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	673	Edge_1RB_Right	21.96	/	/	15.53	/	/	<=34.77	Pass
		Outer_Full	22.02	/	/	15.59	/	/	<=34.77	Pass
		Inner_Full	23.16	/	/	16.73	/	/	<=34.77	Pass
		Inner_1RB_Left	23.16	/	/	16.73	/	/	<=34.77	Pass
		Inner_1RB_Right	22.96	/	/	16.53	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.53	/	/	15.10	/	/	<=34.77	Pass
		Edge_1RB_Right	21.39	/	/	14.96	/	/	<=34.77	Pass
		Outer_Full	21.31	/	/	14.88	/	/	<=34.77	Pass
		Inner_Full	22.29	/	/	15.86	/	/	<=34.77	Pass
		Inner_1RB_Left	22.65	/	/	16.22	/	/	<=34.77	Pass
	688	Inner_1RB_Right	22.43	/	/	16.00	/	/	<=34.77	Pass
		Edge_1RB_Left	21.29	/	/	14.86	/	/	<=34.77	Pass
		Edge_1RB_Right	21.36	/	/	14.93	/	/	<=34.77	Pass
		Outer_Full	21.23	/	/	14.80	/	/	<=34.77	Pass
		Inner_Full	22.25	/	/	15.82	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	680.5	Inner_1RB_Left	22.41	/	/	15.98	/	/	<=34.77	Pass
		Inner_1RB_Right	22.21	/	/	15.78	/	/	<=34.77	Pass
		Edge_1RB_Left	21.34	/	/	14.91	/	/	<=34.77	Pass
		Edge_1RB_Right	21.21	/	/	14.78	/	/	<=34.77	Pass
		Outer_Full	21.14	/	/	14.71	/	/	<=34.77	Pass
	688	Inner_Full	22.19	/	/	15.76	/	/	<=34.77	Pass
		Inner_1RB_Left	22.39	/	/	15.96	/	/	<=34.77	Pass
		Inner_1RB_Right	22.03	/	/	15.60	/	/	<=34.77	Pass

DFT-s-OFDM 64 QAM	673	Edge_1RB_Left	21.00	/	/	14.57	/	/	<=34.77	Pass
		Edge_1RB_Right	20.82	/	/	14.39	/	/	<=34.77	Pass
		Outer_Full	20.79	/	/	14.36	/	/	<=34.77	Pass
		Inner_Full	20.84	/	/	14.41	/	/	<=34.77	Pass
		Inner_1RB_Left	20.99	/	/	14.56	/	/	<=34.77	Pass
		Inner_1RB_Right	20.83	/	/	14.40	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.78	/	/	14.35	/	/	<=34.77	Pass
		Edge_1RB_Right	20.80	/	/	14.37	/	/	<=34.77	Pass
		Outer_Full	20.70	/	/	14.27	/	/	<=34.77	Pass
		Inner_Full	20.78	/	/	14.35	/	/	<=34.77	Pass
		Inner_1RB_Left	20.86	/	/	14.43	/	/	<=34.77	Pass
		Inner_1RB_Right	20.79	/	/	14.36	/	/	<=34.77	Pass
	688	Edge_1RB_Left	20.84	/	/	14.41	/	/	<=34.77	Pass
		Edge_1RB_Right	20.61	/	/	14.18	/	/	<=34.77	Pass
		Outer_Full	20.60	/	/	14.17	/	/	<=34.77	Pass
		Inner_Full	20.82	/	/	14.39	/	/	<=34.77	Pass
		Inner_1RB_Left	20.88	/	/	14.45	/	/	<=34.77	Pass
		Inner_1RB_Right	20.70	/	/	14.27	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	673	Edge_1RB_Left	18.53	/	/	12.10	/	/	<=34.77	Pass
		Edge_1RB_Right	18.51	/	/	12.08	/	/	<=34.77	Pass
		Outer_Full	18.75	/	/	12.32	/	/	<=34.77	Pass
		Inner_Full	18.84	/	/	12.41	/	/	<=34.77	Pass
		Inner_1RB_Left	18.57	/	/	12.14	/	/	<=34.77	Pass
		Inner_1RB_Right	18.63	/	/	12.20	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	18.41	/	/	11.98	/	/	<=34.77	Pass
		Edge_1RB_Right	18.42	/	/	11.99	/	/	<=34.77	Pass
		Outer_Full	18.77	/	/	12.34	/	/	<=34.77	Pass
		Inner_Full	18.79	/	/	12.36	/	/	<=34.77	Pass
		Inner_1RB_Left	18.47	/	/	12.04	/	/	<=34.77	Pass
		Inner_1RB_Right	18.58	/	/	12.15	/	/	<=34.77	Pass
	688	Edge_1RB_Left	18.42	/	/	11.99	/	/	<=34.77	Pass
		Edge_1RB_Right	18.35	/	/	11.92	/	/	<=34.77	Pass
		Outer_Full	18.62	/	/	12.19	/	/	<=34.77	Pass
		Inner_Full	18.82	/	/	12.39	/	/	<=34.77	Pass
		Inner_1RB_Left	18.48	/	/	12.05	/	/	<=34.77	Pass
		Inner_1RB_Right	18.43	/	/	12.00	/	/	<=34.77	Pass
CP-OFDM QPSK	673	Edge_1RB_Left	20.29	/	/	13.86	/	/	<=34.77	Pass
		Edge_1RB_Right	20.21	/	/	13.78	/	/	<=34.77	Pass
		Outer_Full	20.20	/	/	13.77	/	/	<=34.77	Pass
		Inner_Full	21.82	/	/	15.39	/	/	<=34.77	Pass
		Inner_1RB_Left	21.74	/	/	15.31	/	/	<=34.77	Pass
		Inner_1RB_Right	21.86	/	/	15.43	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.13	/	/	13.70	/	/	<=34.77	Pass
		Edge_1RB_Right	20.22	/	/	13.79	/	/	<=34.77	Pass
		Outer_Full	20.21	/	/	13.78	/	/	<=34.77	Pass
		Inner_Full	21.82	/	/	15.39	/	/	<=34.77	Pass
		Inner_1RB_Left	21.82	/	/	15.39	/	/	<=34.77	Pass
		Inner_1RB_Right	21.84	/	/	15.41	/	/	<=34.77	Pass
	688	Edge_1RB_Left	20.14	/	/	13.71	/	/	<=34.77	Pass
		Edge_1RB_Right	20.07	/	/	13.64	/	/	<=34.77	Pass
		Outer_Full	20.08	/	/	13.65	/	/	<=34.77	Pass
		Inner_Full	21.80	/	/	15.37	/	/	<=34.77	Pass
		Inner_1RB_Left	21.77	/	/	15.34	/	/	<=34.77	Pass

CP-OFDM 16 QAM	673	Inner 1RB Right	21.58	/	/	15.15	/	/	<=34.77	Pass
		Edge 1RB Left	20.52	/	/	14.09	/	/	<=34.77	Pass
		Edge 1RB Right	20.33	/	/	13.90	/	/	<=34.77	Pass
		Outer Full	20.28	/	/	13.85	/	/	<=34.77	Pass
		Inner Full	21.37	/	/	14.94	/	/	<=34.77	Pass
		Inner 1RB Left	21.40	/	/	14.97	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	21.41	/	/	14.98	/	/	<=34.77	Pass
		Edge 1RB Left	20.33	/	/	13.90	/	/	<=34.77	Pass
		Edge 1RB Right	20.33	/	/	13.90	/	/	<=34.77	Pass
		Outer Full	20.19	/	/	13.76	/	/	<=34.77	Pass
		Inner Full	21.39	/	/	14.96	/	/	<=34.77	Pass
		Inner 1RB Left	21.30	/	/	14.87	/	/	<=34.77	Pass
	688	Inner 1RB Right	21.33	/	/	14.90	/	/	<=34.77	Pass
		Edge 1RB Left	20.21	/	/	13.78	/	/	<=34.77	Pass
		Edge 1RB Right	20.11	/	/	13.68	/	/	<=34.77	Pass
		Outer Full	20.06	/	/	13.63	/	/	<=34.77	Pass
		Inner Full	21.38	/	/	14.94	/	/	<=34.77	Pass
		Inner 1RB Left	21.41	/	/	14.98	/	/	<=34.77	Pass
CP-OFDM 64 QAM	673	Inner 1RB Right	21.18	/	/	14.75	/	/	<=34.77	Pass
		Edge 1RB Left	19.97	/	/	13.54	/	/	<=34.77	Pass
		Edge 1RB Right	19.88	/	/	13.45	/	/	<=34.77	Pass
		Outer Full	19.80	/	/	13.37	/	/	<=34.77	Pass
		Inner Full	19.89	/	/	13.46	/	/	<=34.77	Pass
		Inner 1RB Left	20.03	/	/	13.60	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	19.97	/	/	13.54	/	/	<=34.77	Pass
		Edge 1RB Left	19.80	/	/	13.37	/	/	<=34.77	Pass
		Edge 1RB Right	19.91	/	/	13.48	/	/	<=34.77	Pass
		Outer Full	19.74	/	/	13.31	/	/	<=34.77	Pass
		Inner Full	19.83	/	/	13.40	/	/	<=34.77	Pass
		Inner 1RB Left	19.87	/	/	13.44	/	/	<=34.77	Pass
	688	Inner 1RB Right	19.93	/	/	13.50	/	/	<=34.77	Pass
		Edge 1RB Left	19.88	/	/	13.45	/	/	<=34.77	Pass
		Edge 1RB Right	19.76	/	/	13.33	/	/	<=34.77	Pass
		Outer Full	19.59	/	/	13.16	/	/	<=34.77	Pass
		Inner Full	19.78	/	/	13.35	/	/	<=34.77	Pass
		Inner 1RB Left	19.86	/	/	13.43	/	/	<=34.77	Pass
CP-OFDM 256 QAM	673	Inner 1RB Right	19.73	/	/	13.30	/	/	<=34.77	Pass
		Edge 1RB Left	16.57	/	/	10.14	/	/	<=34.77	Pass
		Edge 1RB Right	16.57	/	/	10.14	/	/	<=34.77	Pass
		Outer Full	16.75	/	/	10.32	/	/	<=34.77	Pass
		Inner Full	16.78	/	/	10.35	/	/	<=34.77	Pass
		Inner 1RB Left	16.66	/	/	10.23	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	16.52	/	/	10.09	/	/	<=34.77	Pass
		Edge 1RB Left	16.45	/	/	10.02	/	/	<=34.77	Pass
		Edge 1RB Right	16.56	/	/	10.13	/	/	<=34.77	Pass
		Outer Full	16.72	/	/	10.29	/	/	<=34.77	Pass
		Inner Full	16.80	/	/	10.37	/	/	<=34.77	Pass
		Inner 1RB Left	16.54	/	/	10.11	/	/	<=34.77	Pass
	688	Inner 1RB Right	16.59	/	/	10.16	/	/	<=34.77	Pass
		Edge 1RB Left	16.43	/	/	10.00	/	/	<=34.77	Pass
		Edge 1RB Right	16.41	/	/	9.98	/	/	<=34.77	Pass
		Outer Full	16.64	/	/	10.21	/	/	<=34.77	Pass
		Inner Full	16.76	/	/	10.33	/	/	<=34.77	Pass



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		Inner_1RB_Left	16.42	/	/	9.99	/	/	<=34.77	Pass
		Inner_1RB_Right	16.44	/	/	10.01	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant0: -4.28dBi; 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	-9.54	-0.0140	>=-2.5 & <=2.5	Pass
				HV	-11.74	-0.0173	>=-2.5 & <=2.5	Pass
			-30	NV	-11.26	-0.0165	>=-2.5 & <=2.5	Pass
			-20	NV	-10.94	-0.0161	>=-2.5 & <=2.5	Pass
			-10	NV	-10.96	-0.0161	>=-2.5 & <=2.5	Pass
			0	NV	-10.92	-0.0160	>=-2.5 & <=2.5	Pass
			10	NV	-8.17	-0.0120	>=-2.5 & <=2.5	Pass
			20	NV	-9.22	-0.0135	>=-2.5 & <=2.5	Pass
			30	NV	-10.10	-0.0148	>=-2.5 & <=2.5	Pass
			40	NV	-10.30	-0.0151	>=-2.5 & <=2.5	Pass
			50	NV	-6.71	-0.0099	>=-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	4.53	5.16	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	4.50	5.25	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	4.51	5.27	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	4.51	5.10	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	4.50	5.21	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	4.50	5.23	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	4.51	5.08	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	4.51	5.28	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	4.51	5.23	/	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	8.94	9.69	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	8.92	9.61	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	8.95	9.68	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	8.93	9.69	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	8.94	9.76	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	9.29	10.08	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	9.28	9.97	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	9.32	10.06	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	9.31	10.14	/	Pass

3.1.3 15_S_15M_NTNV

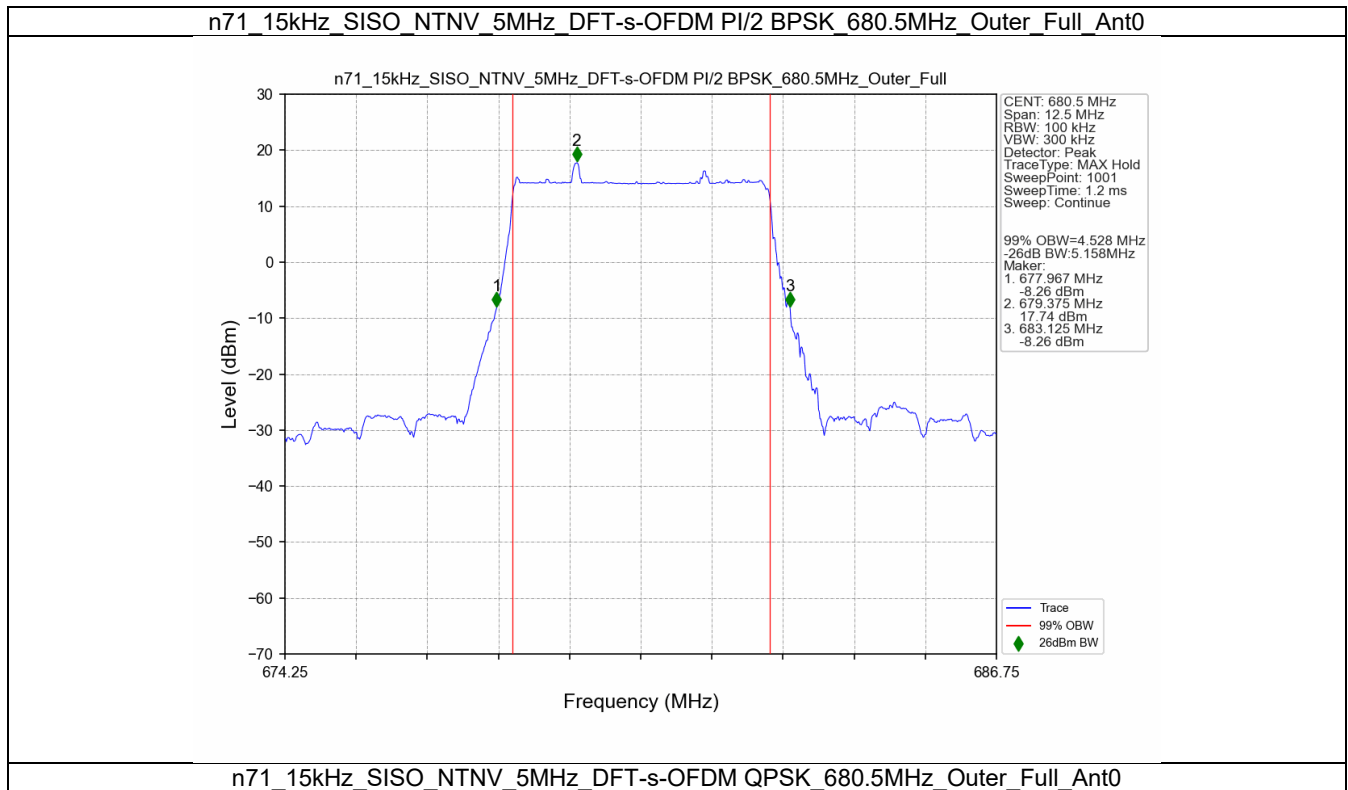
5G NR n71 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	680.5	Outer_Full	13.40	14.45	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	13.43	14.36	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	13.48	14.52	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	13.44	14.44	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	13.45	14.38	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	14.14	15.16	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	14.12	15.20	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	14.11	15.13	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	14.15	15.06	/	Pass

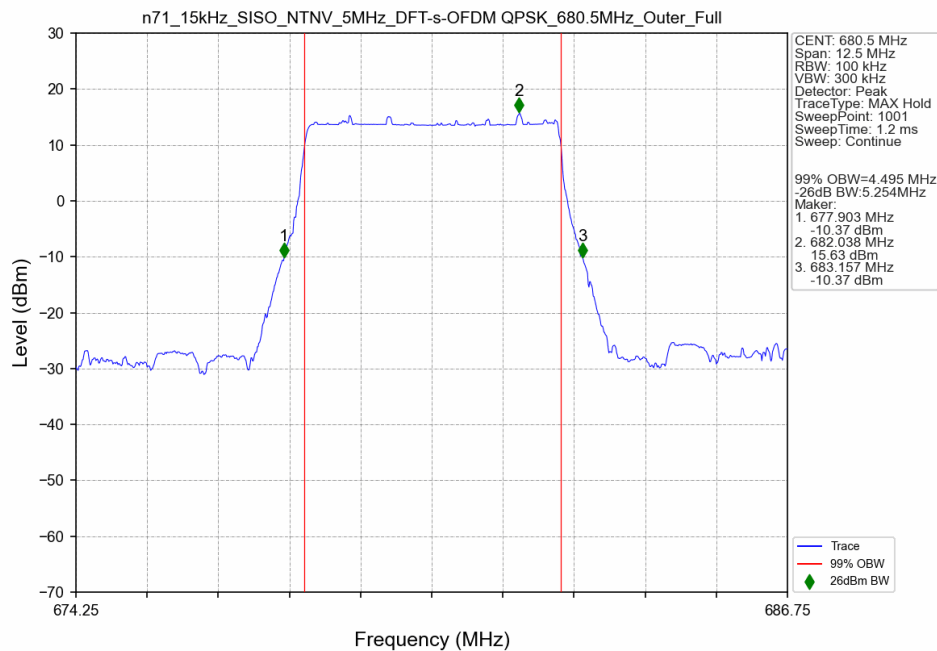
3.1.4 15_S_20M_NTNV

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	17.85	19.00	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	17.88	18.89	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	17.94	18.95	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	17.90	18.87	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	17.87	18.86	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	18.90	19.91	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	18.95	20.01	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	18.94	20.11	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	18.92	20.04	/	Pass

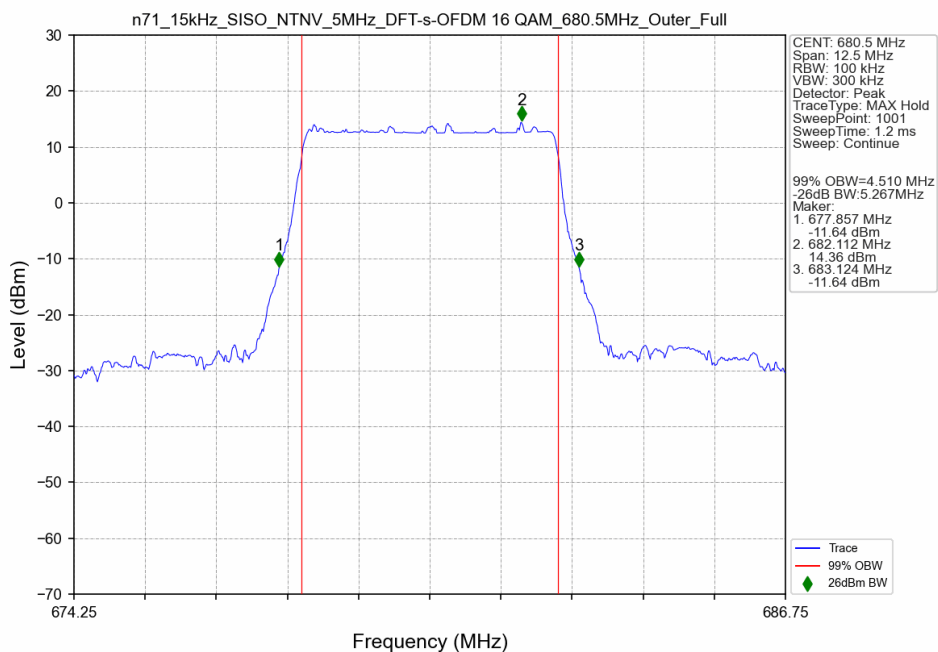
3.2 Test Graph

3.2.1 15_S_5M_NTNV

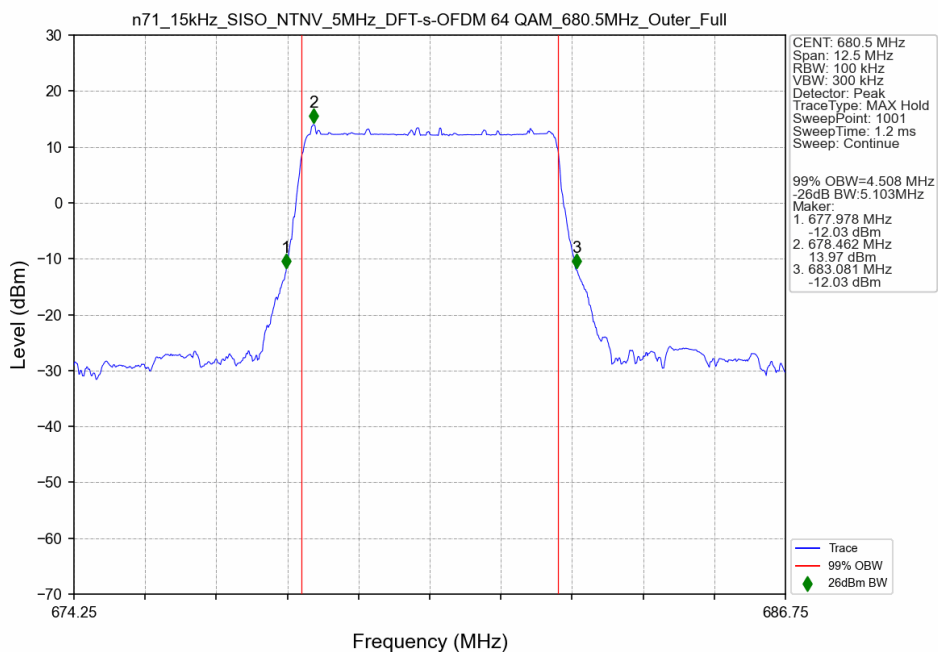




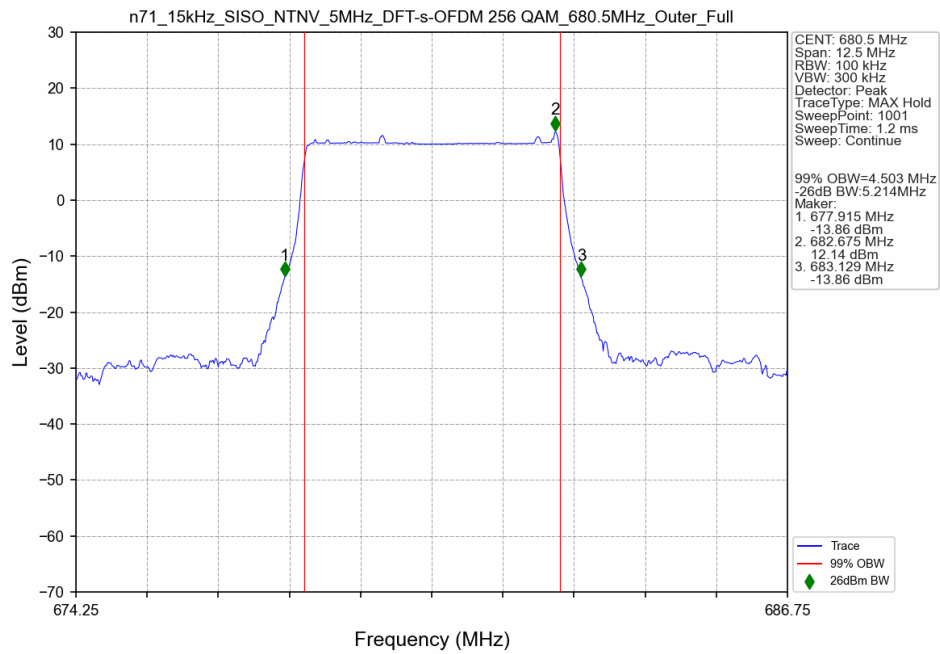
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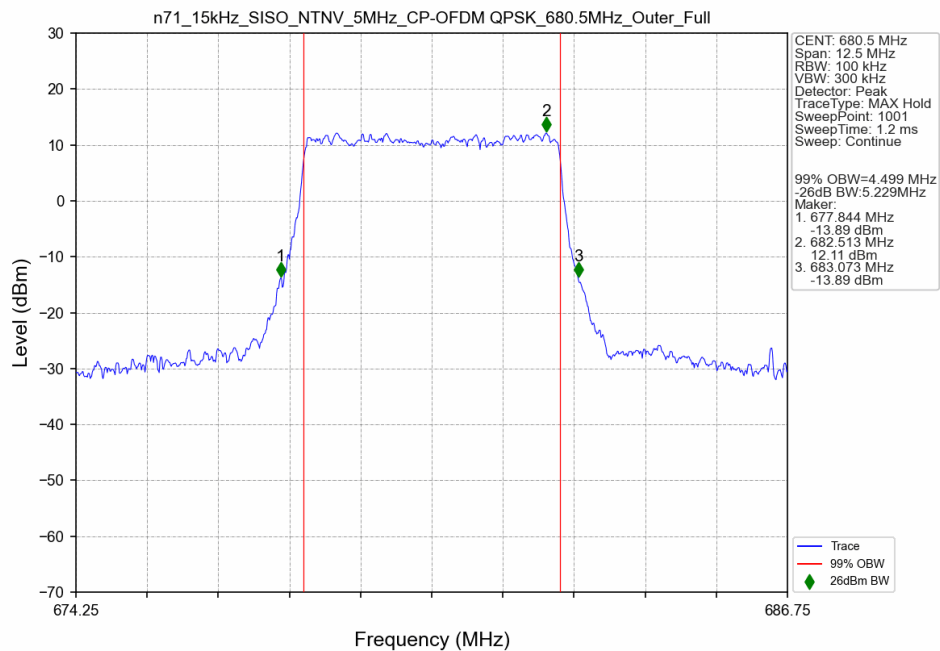
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM 680.5MHz_Outer_Full_Ant0



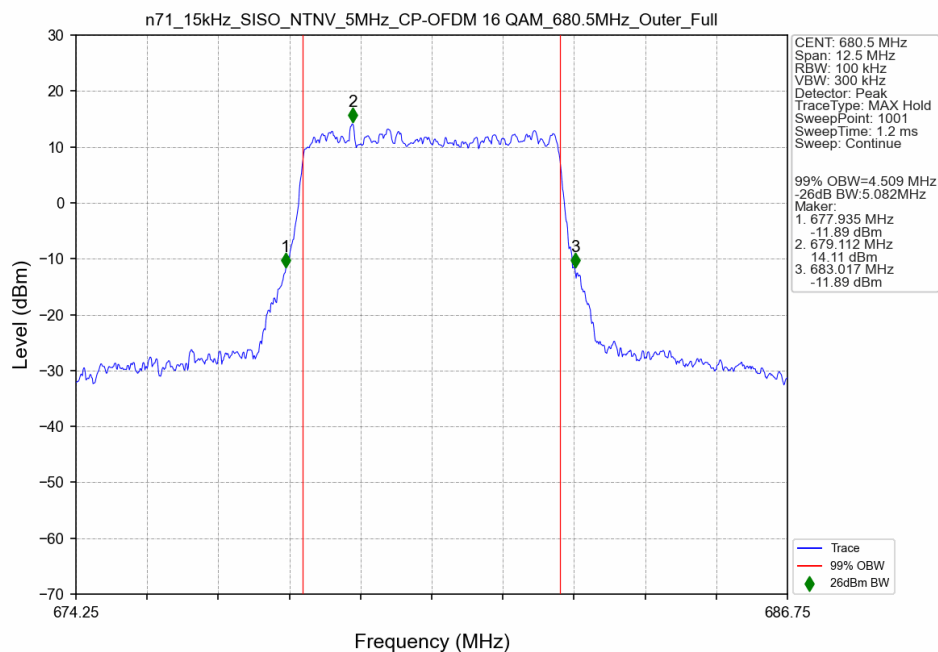
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_680.5MHz_Outer_Full_Ant0



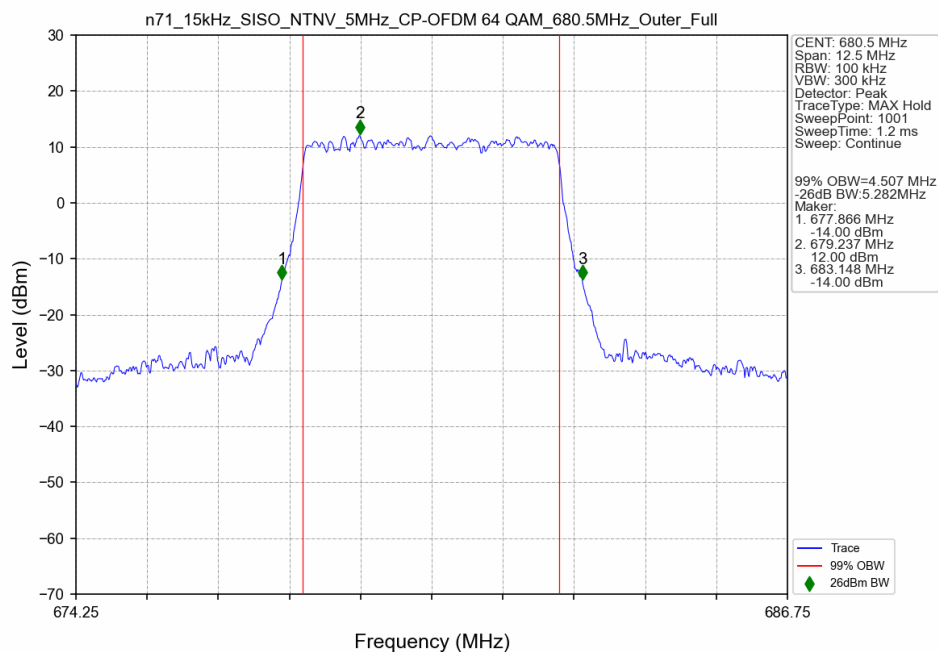
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_680.5MHz_Outer_Full_Ant0



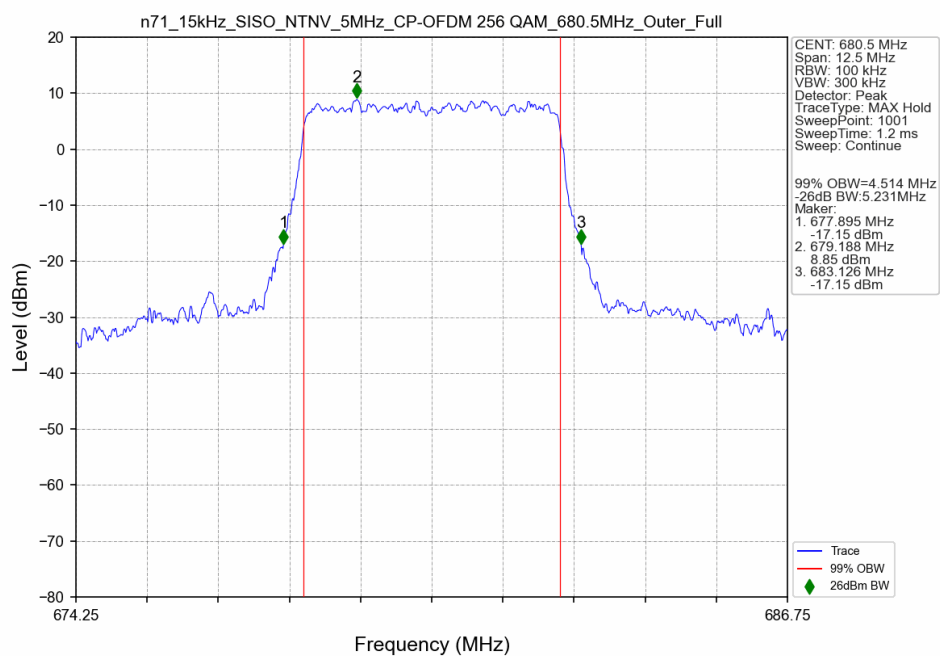
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 680.5MHz_Outer_Full_Ant0



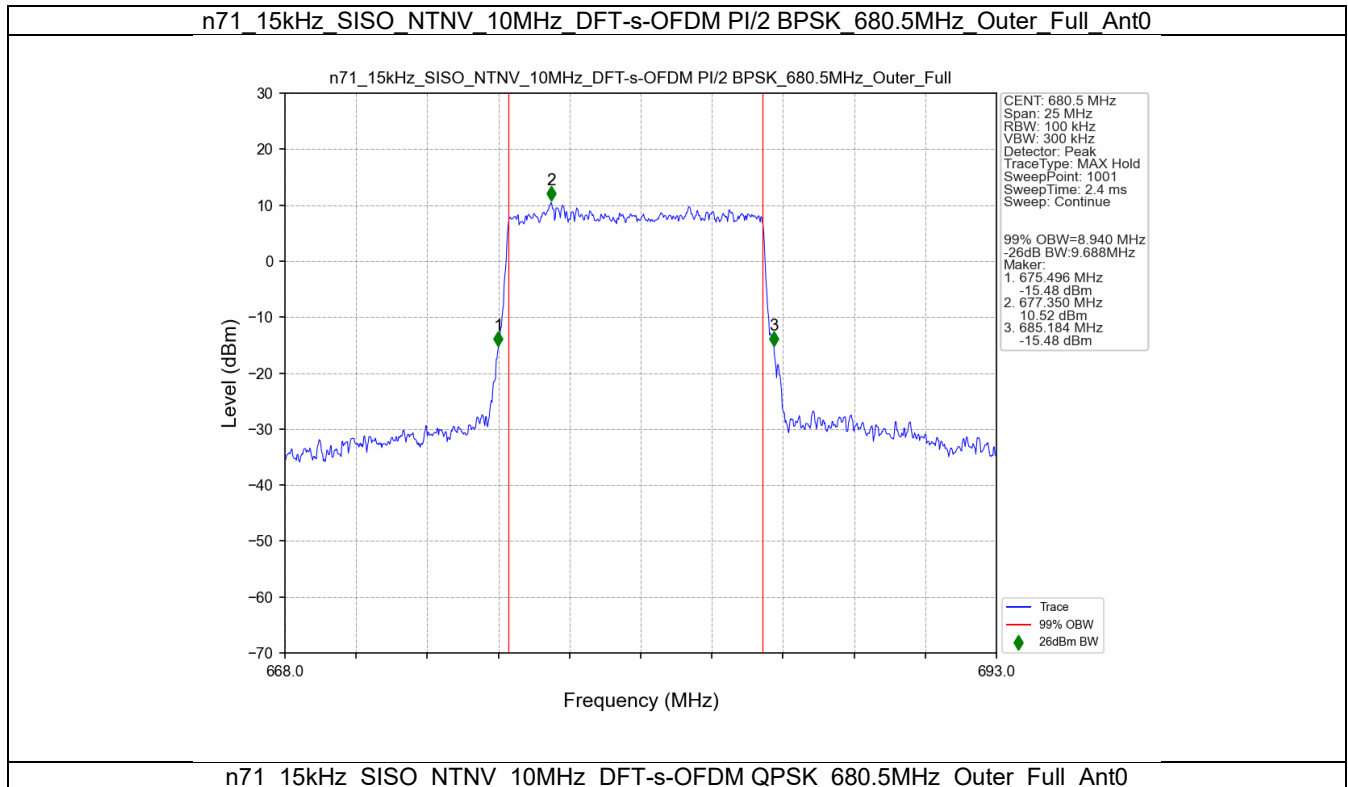
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 680.5MHz_Outer_Full_Ant0

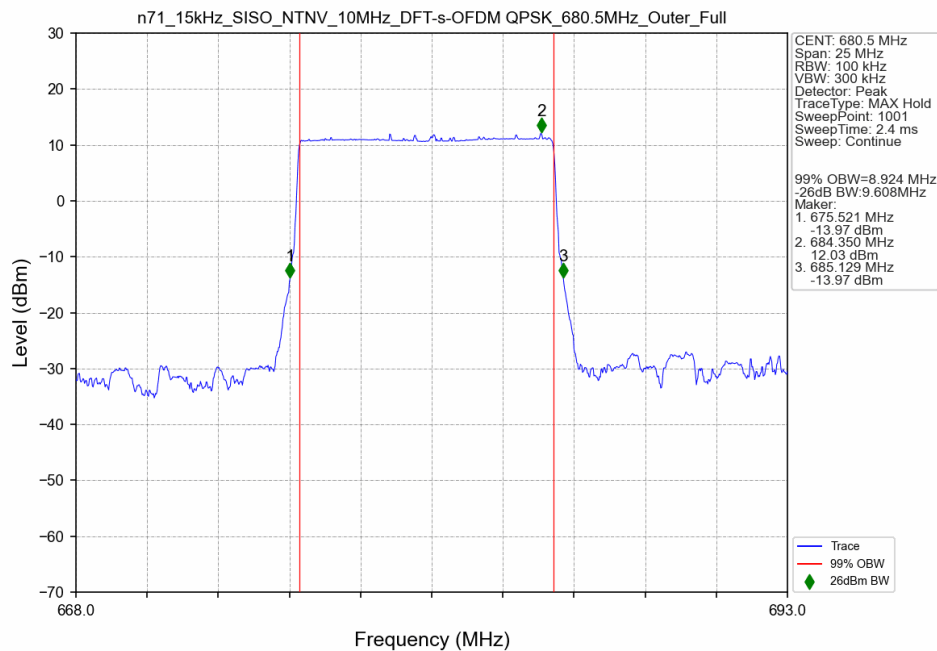


n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_680.5MHz_Outer_Full_Ant0

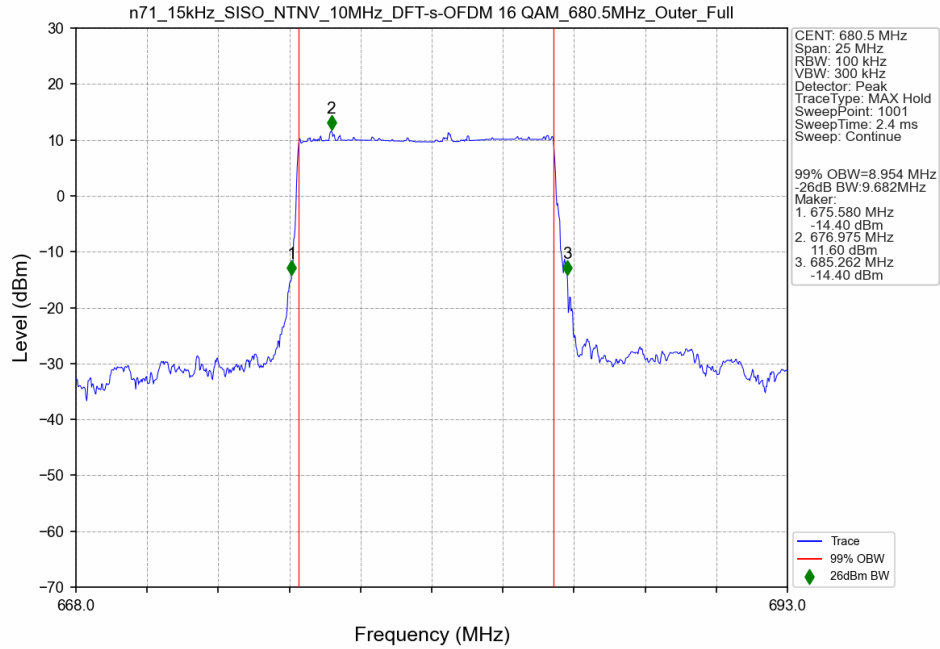


3.2.2 15_S_10M_NTNV

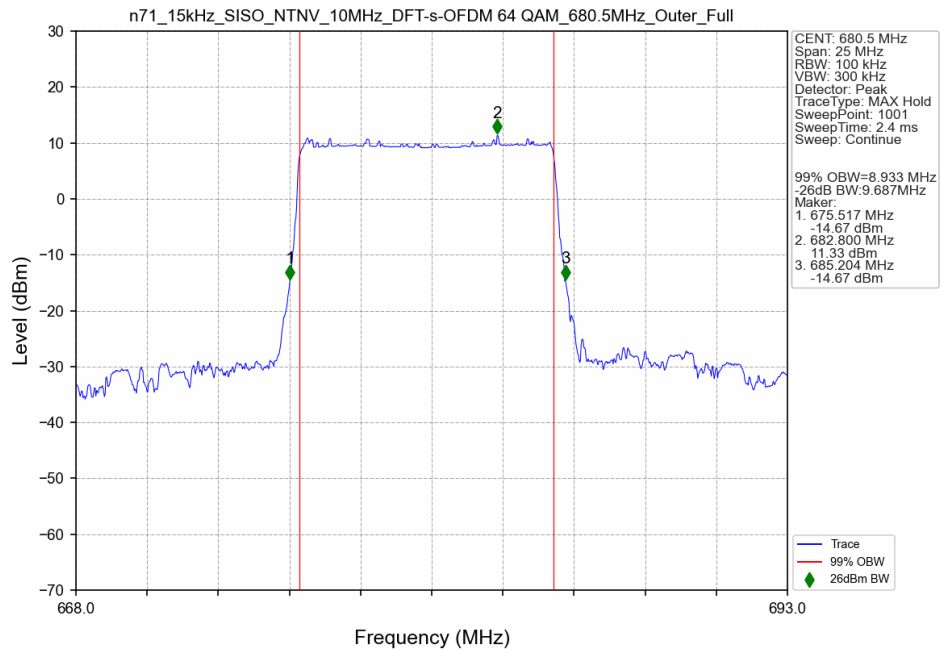


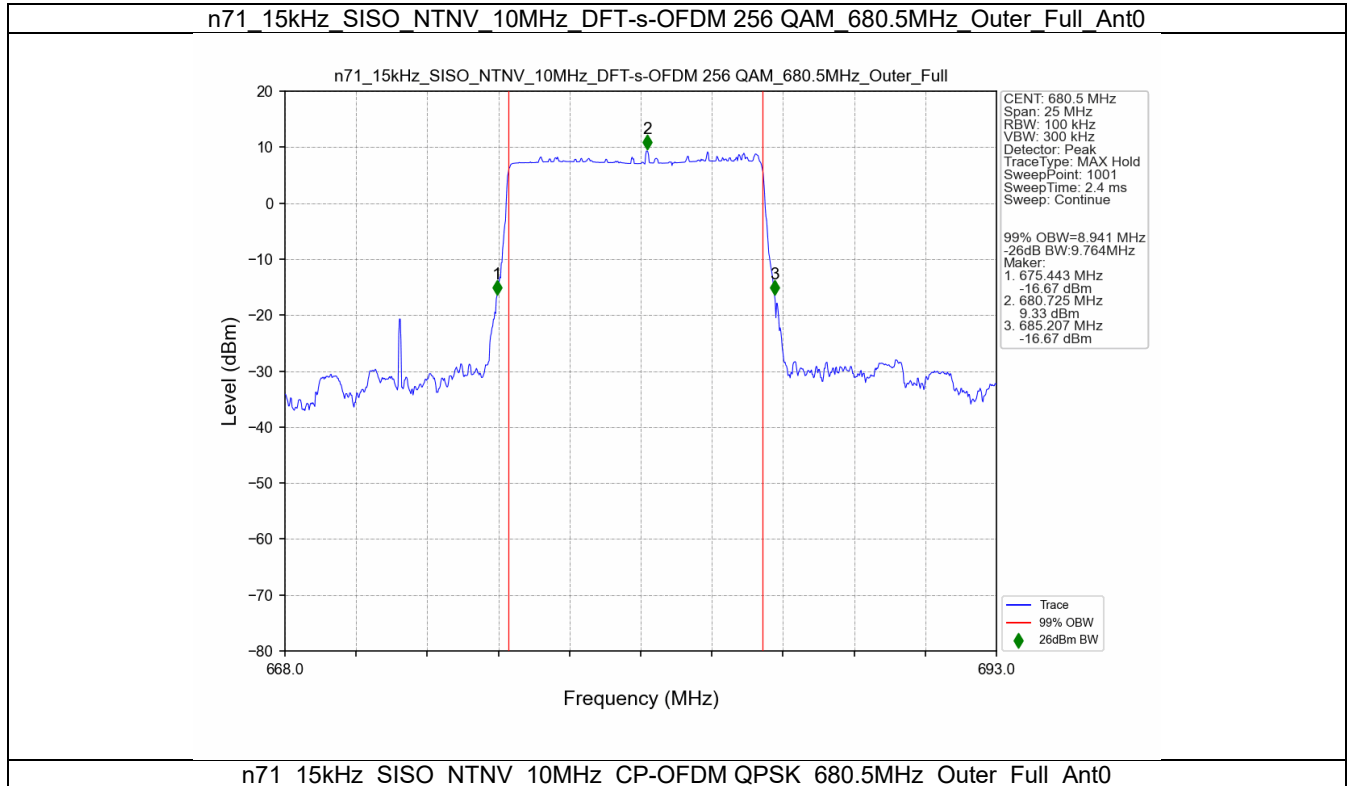


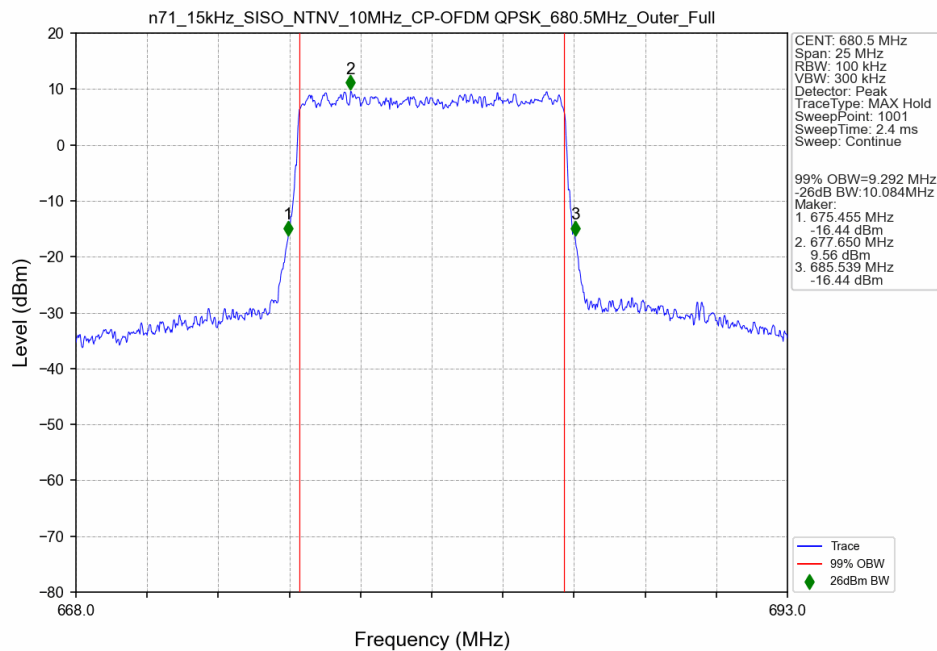
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



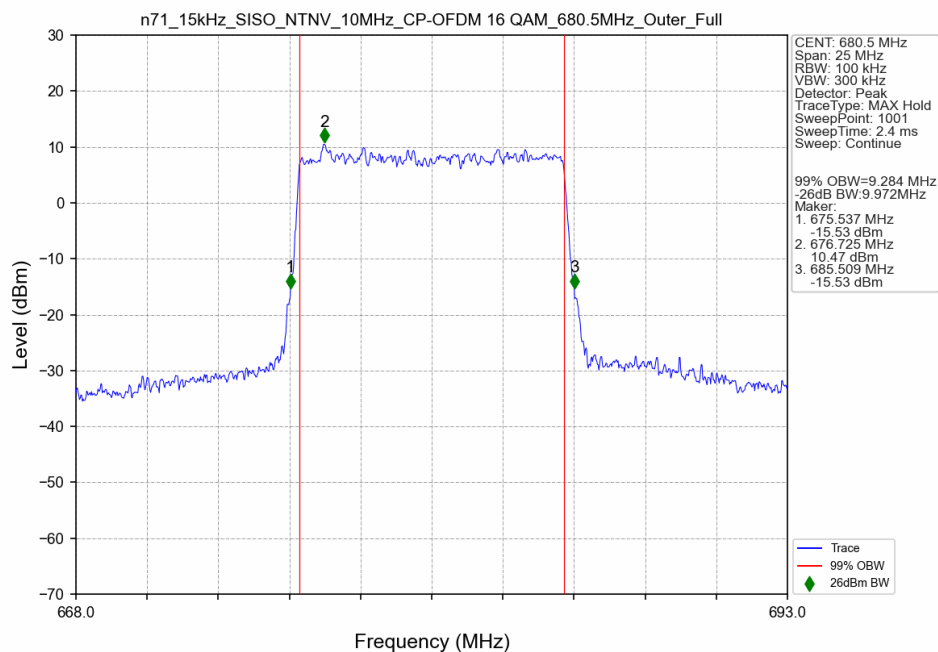
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_680.5MHz_Outer_Full_Ant0



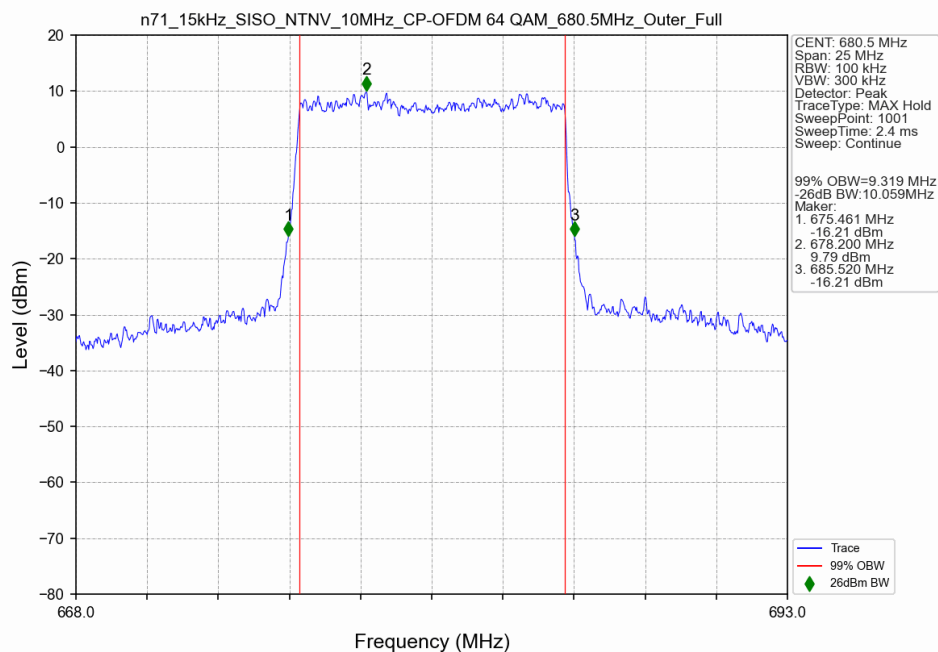




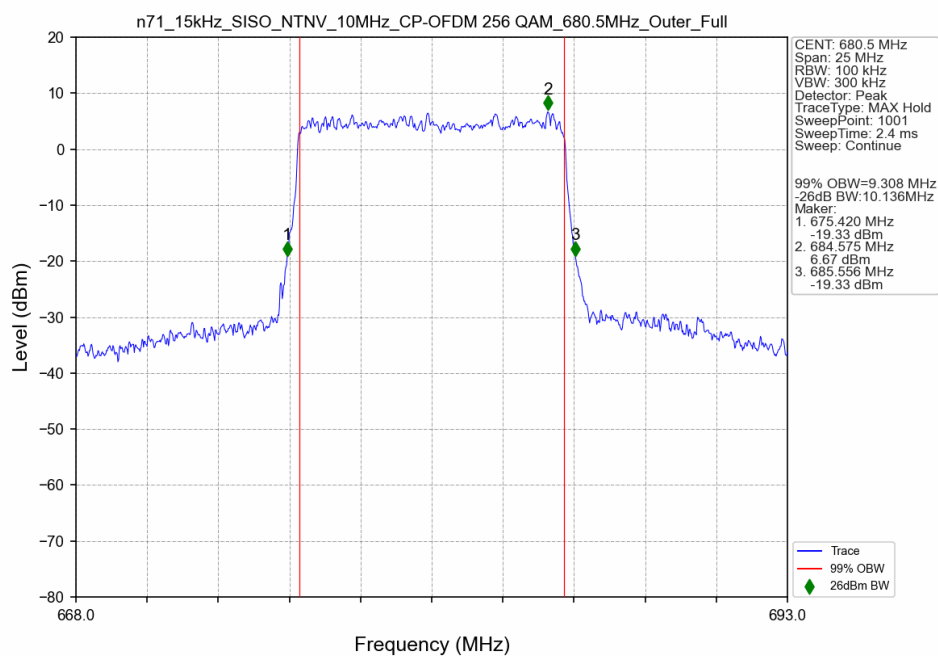
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



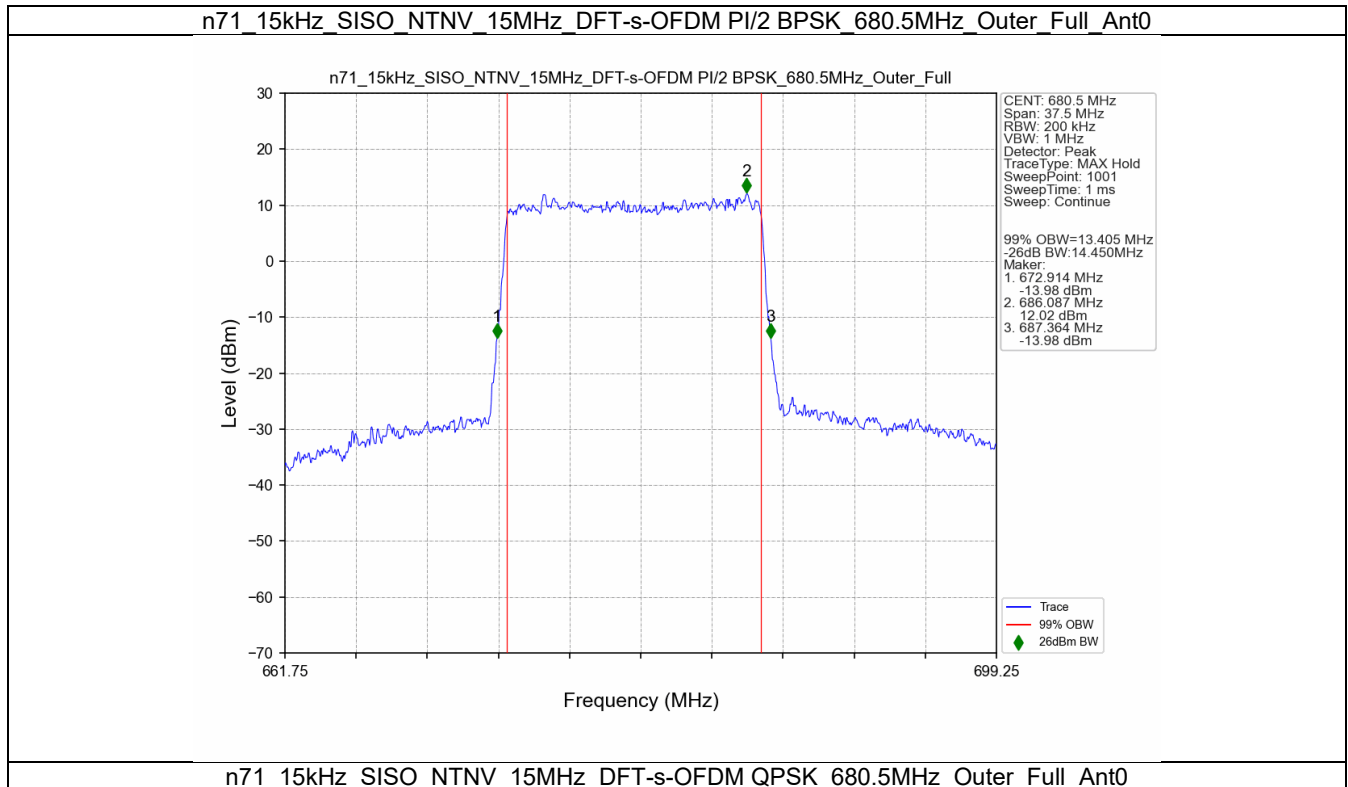
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_680.5MHz_Outer_Full_Ant0

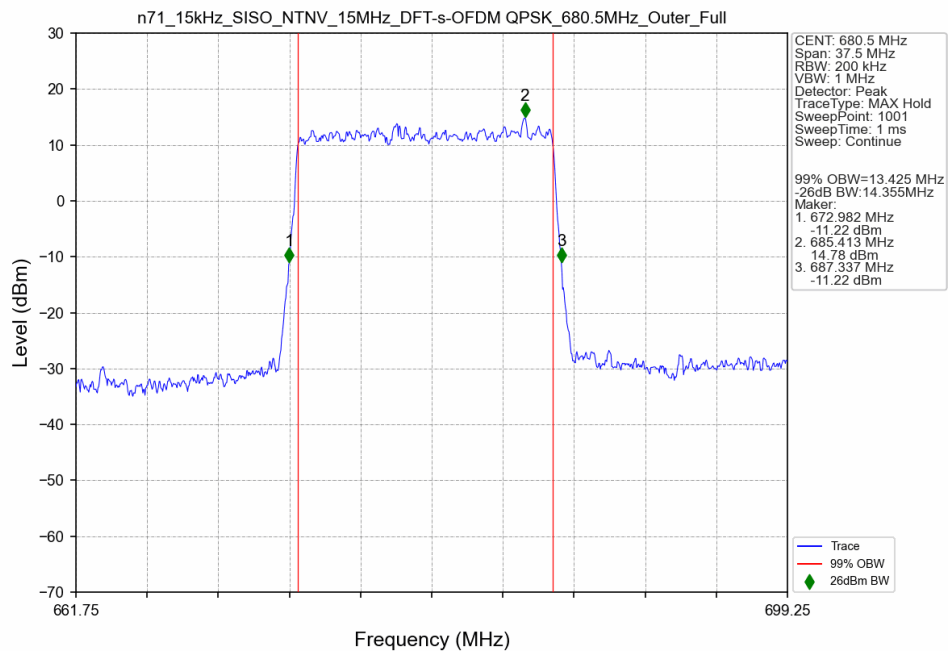


n71_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 680.5MHz_Outer_Full_Ant0

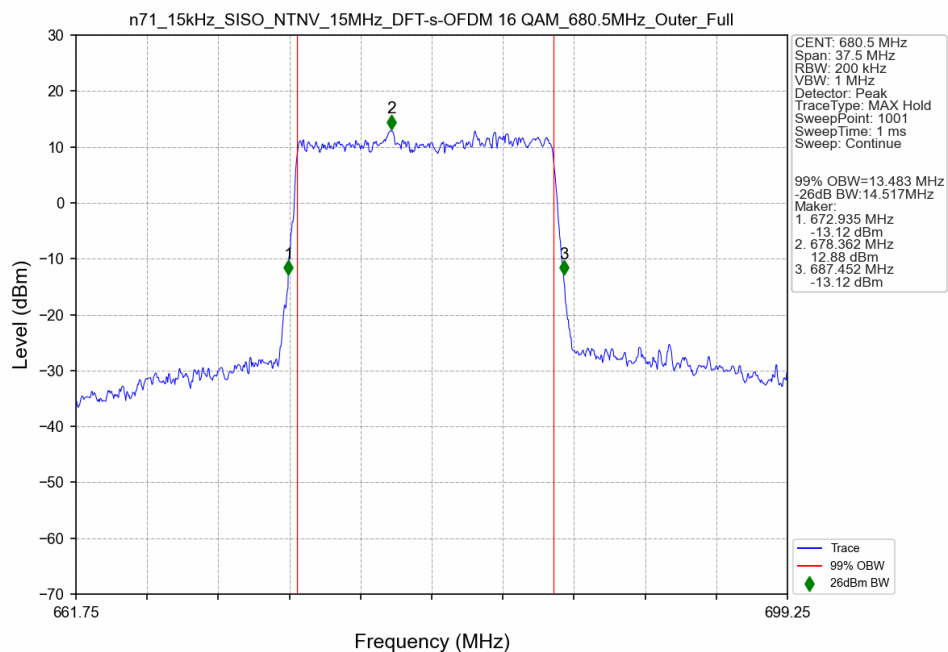


3.2.3 15_S_15M_NTNV

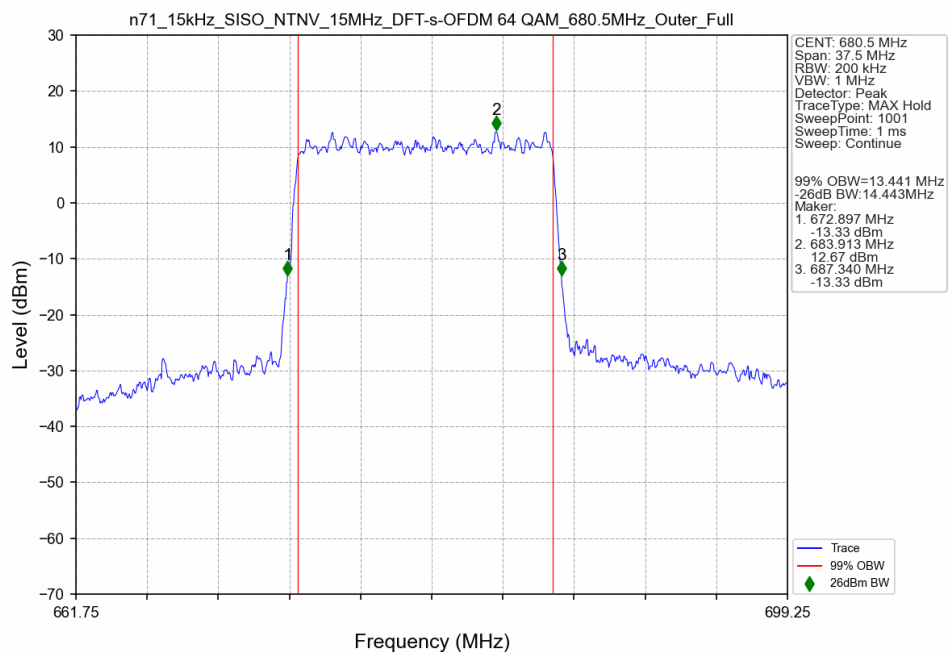




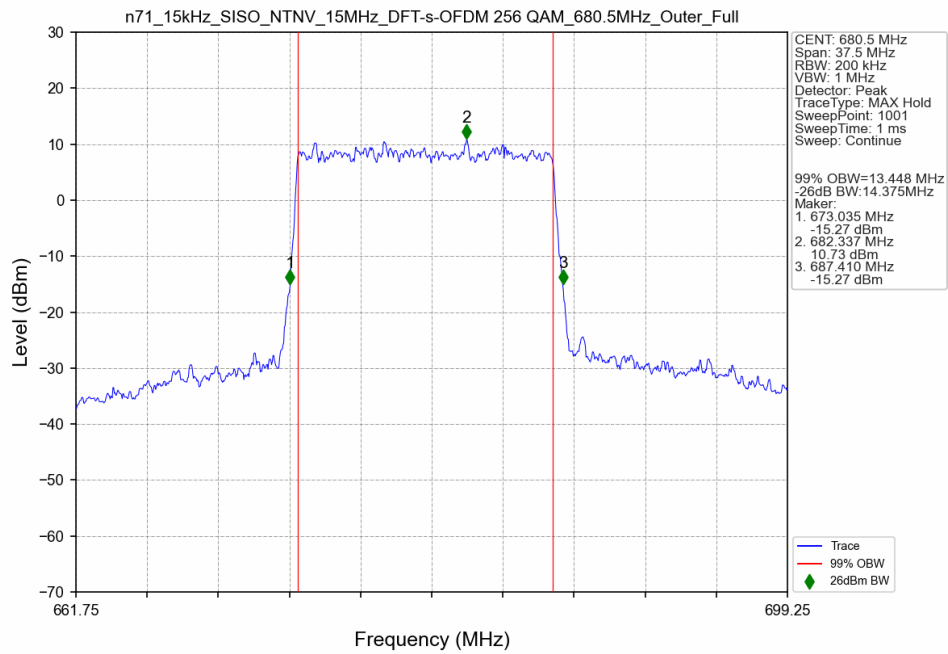
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



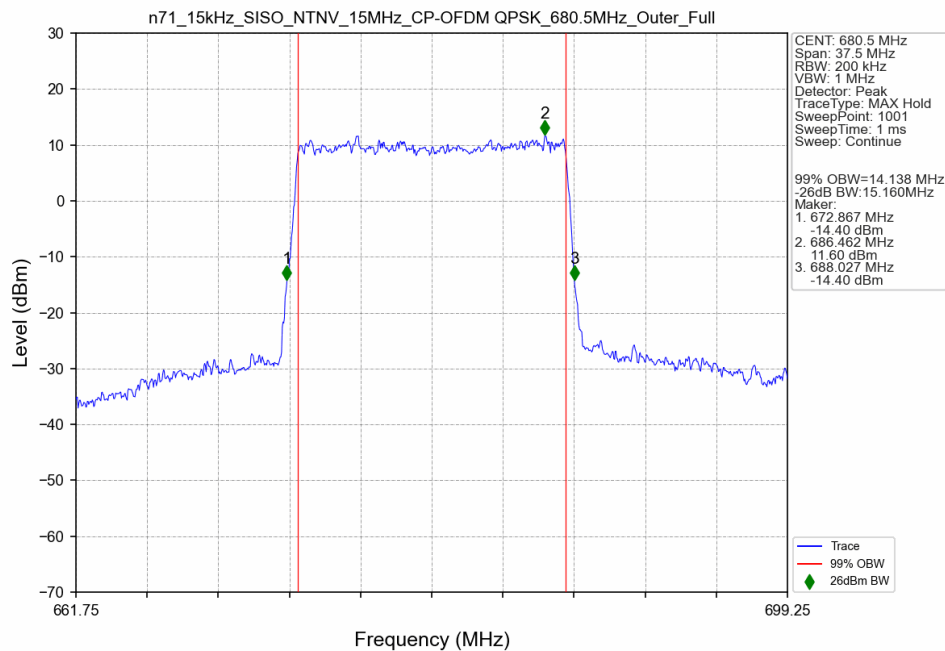
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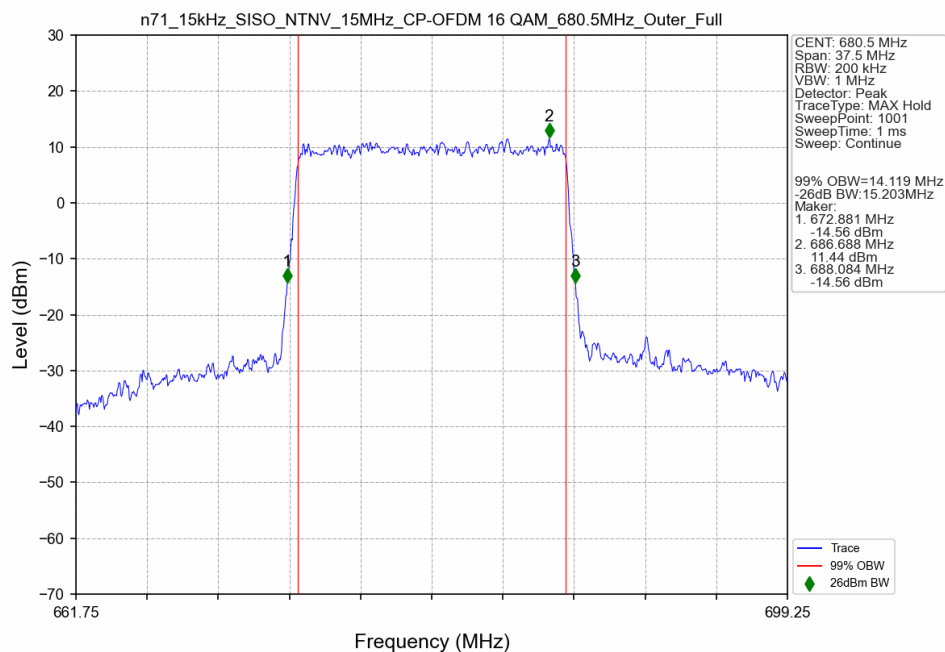
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_680.5MHz_Outer_Full_Ant0



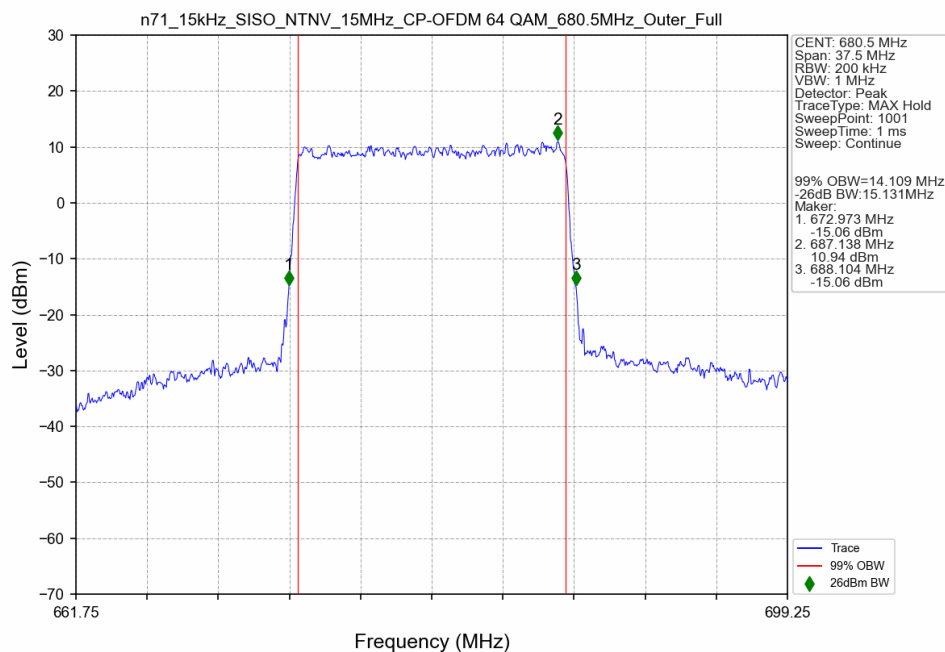
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_680.5MHz_Outer_Full_Ant0



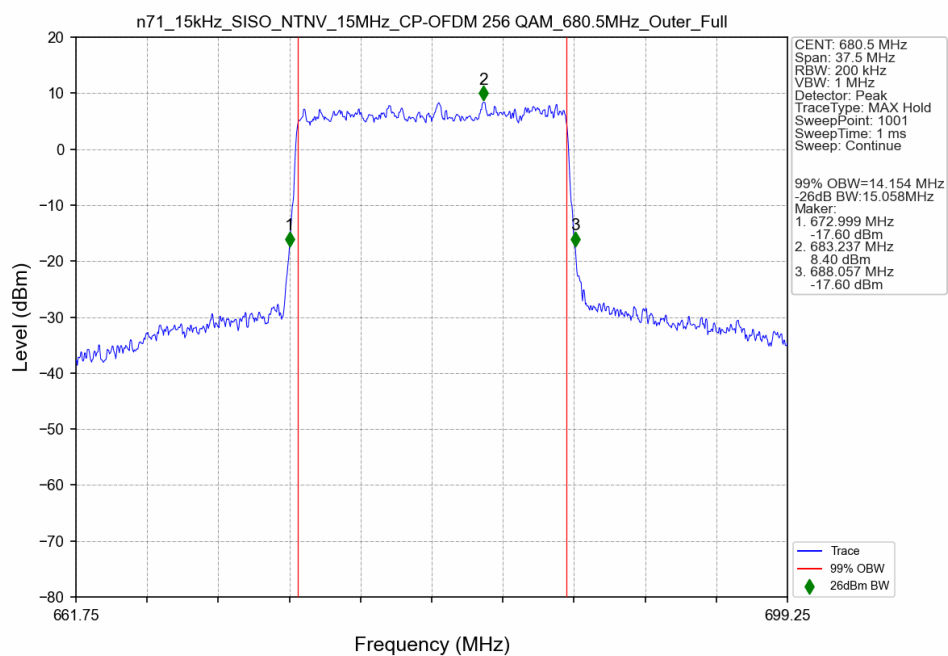
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



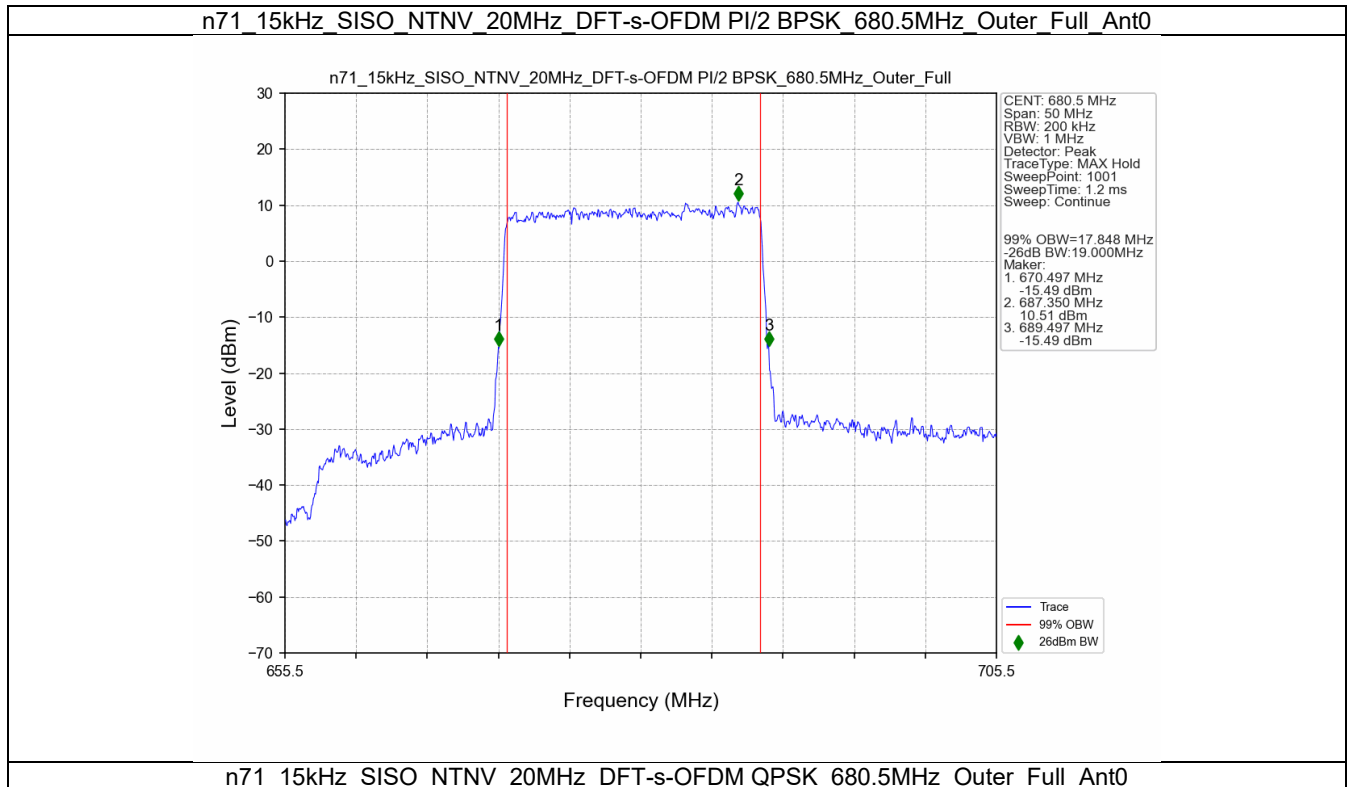
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_680.5MHz_Outer_Full_Ant0

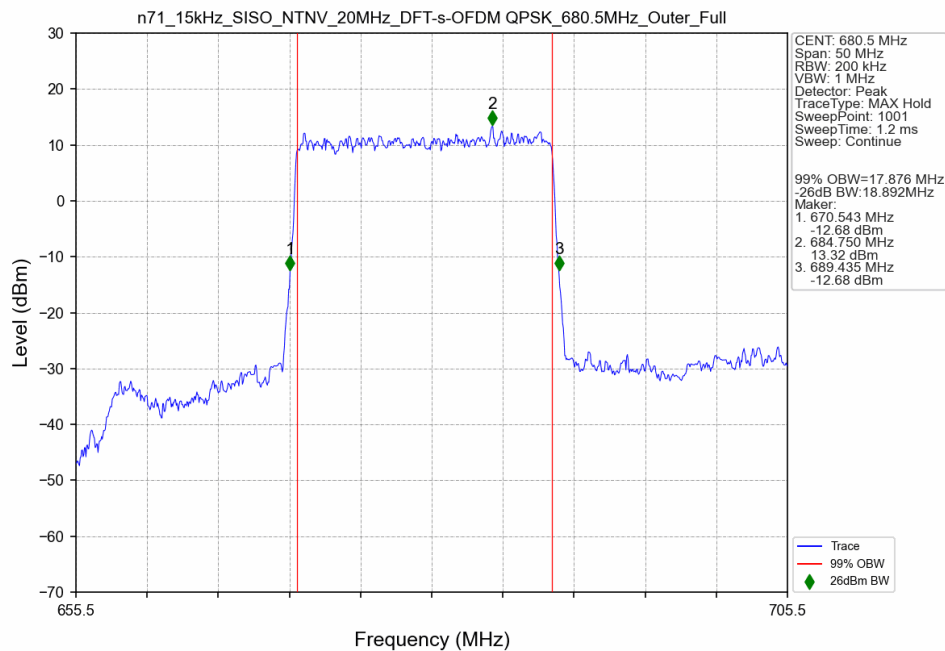


n71_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM 680.5MHz_Outer_Full_Ant0

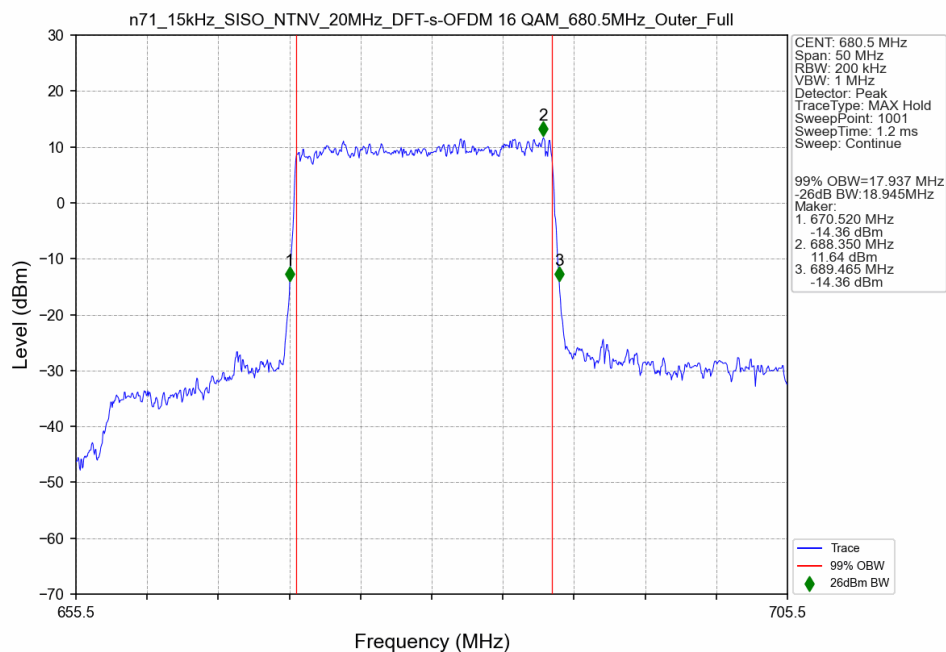


3.2.4 15_S_20M_NTNV

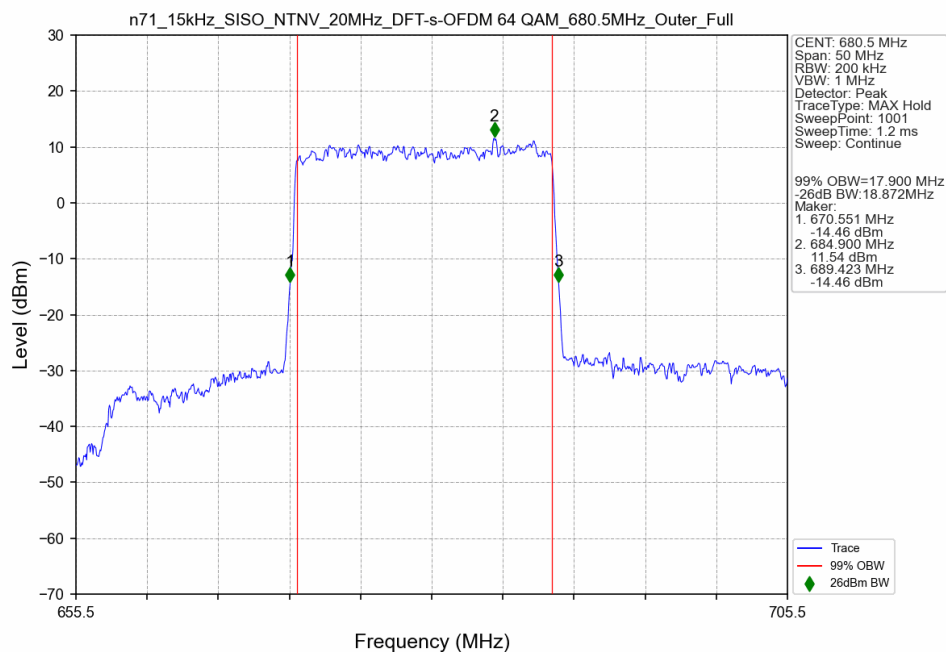




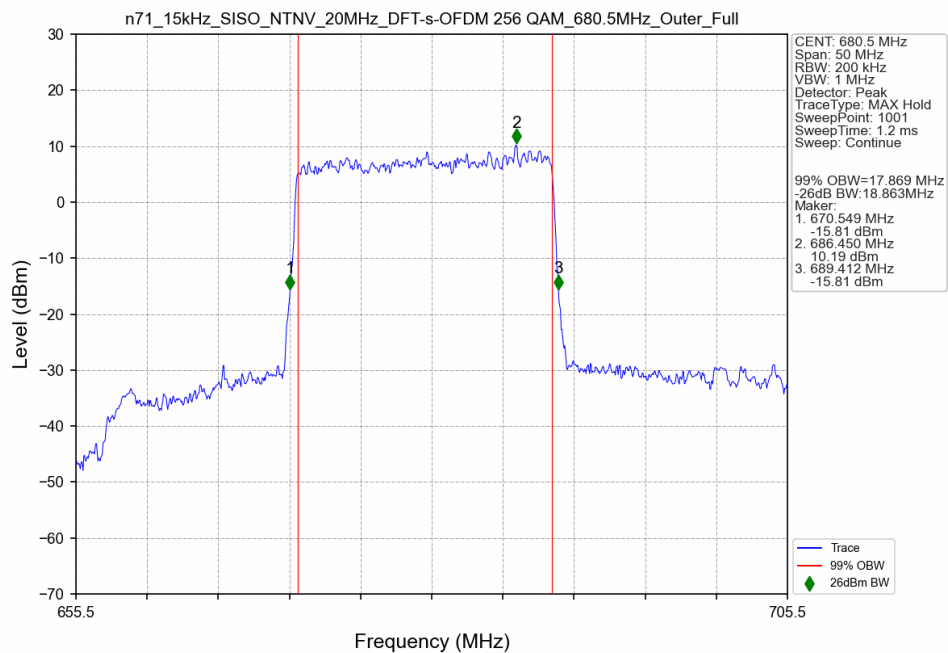
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



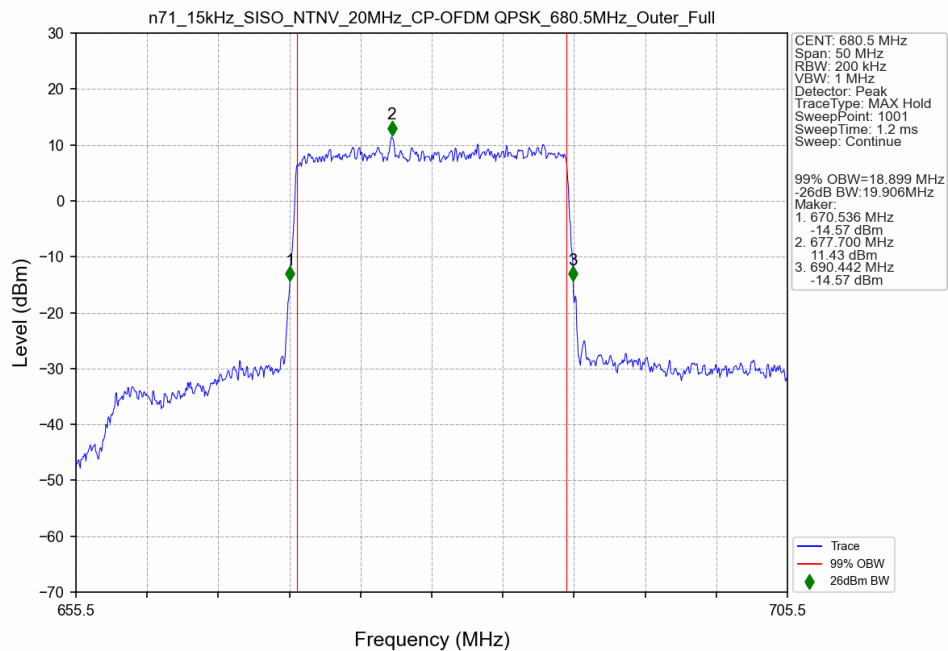
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_680.5MHz_Outer_Full_Ant0



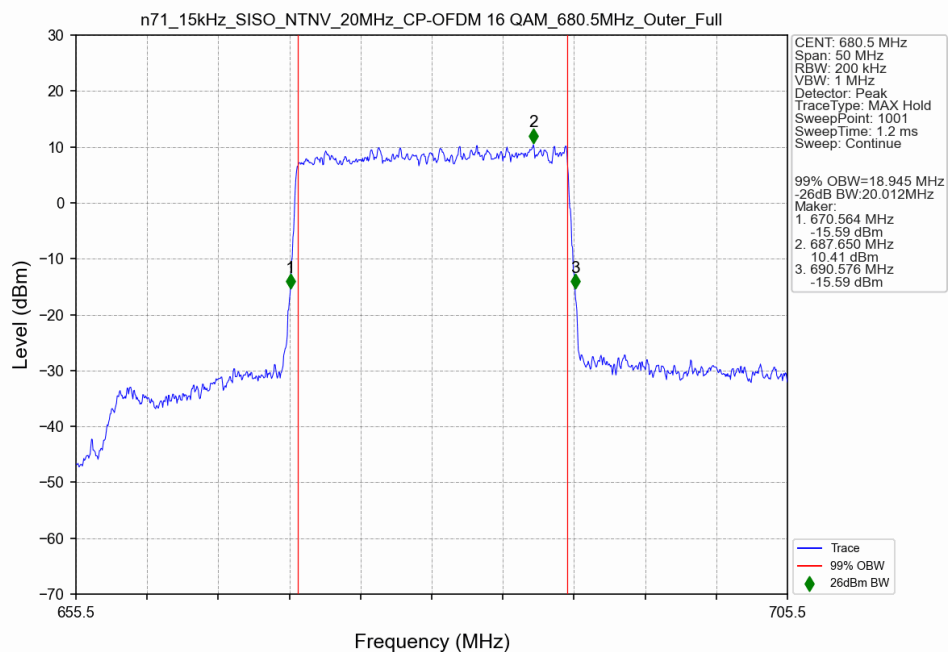
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_680.5MHz_Outer_Full_Ant0



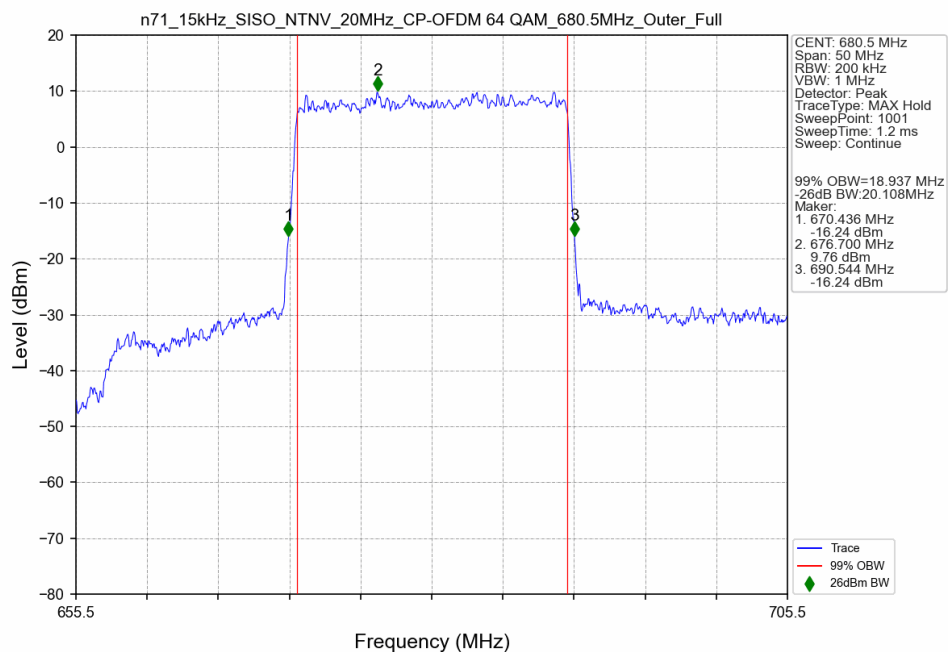
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_680.5MHz_Outer_Full_Ant0



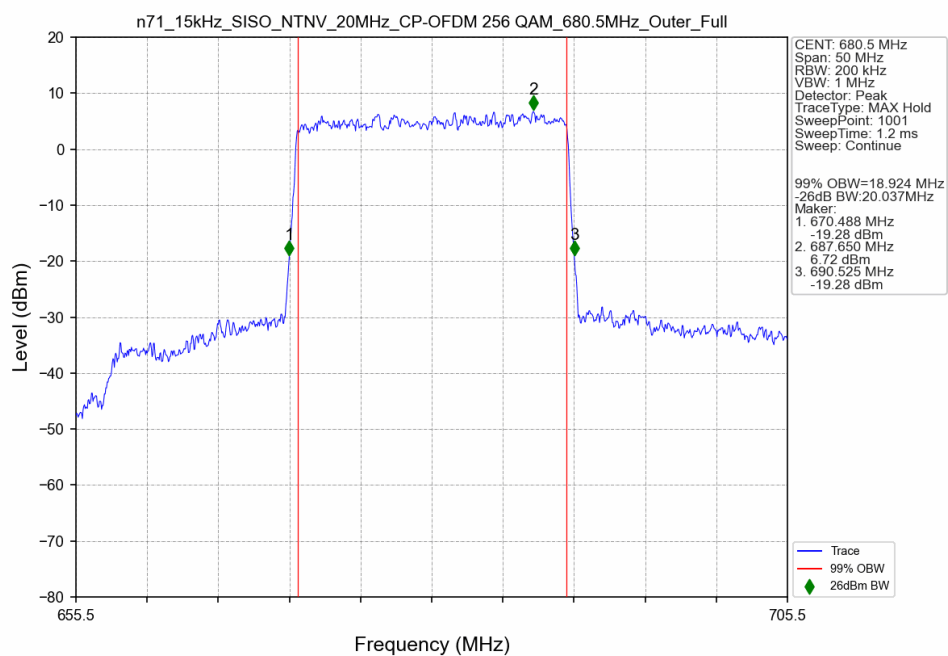
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



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

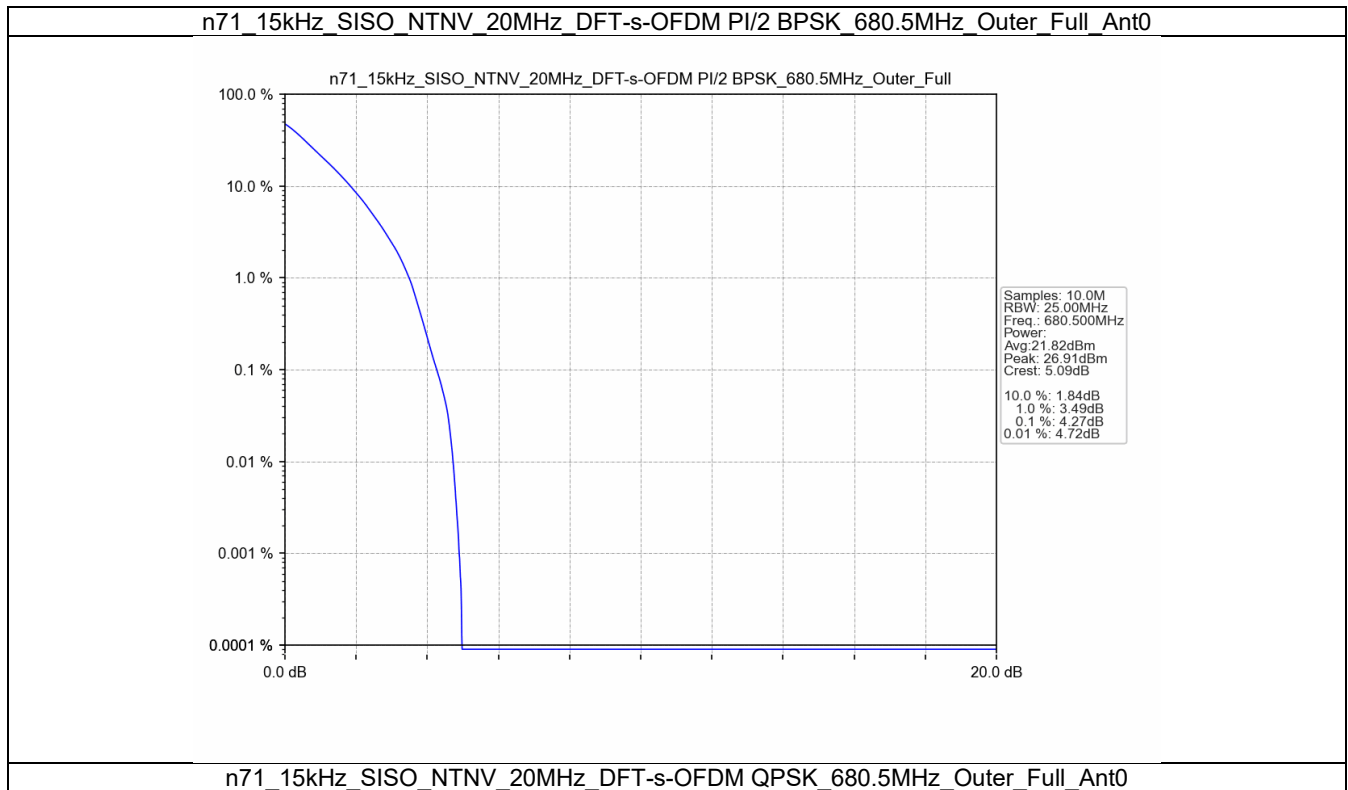
4.1 Test Result

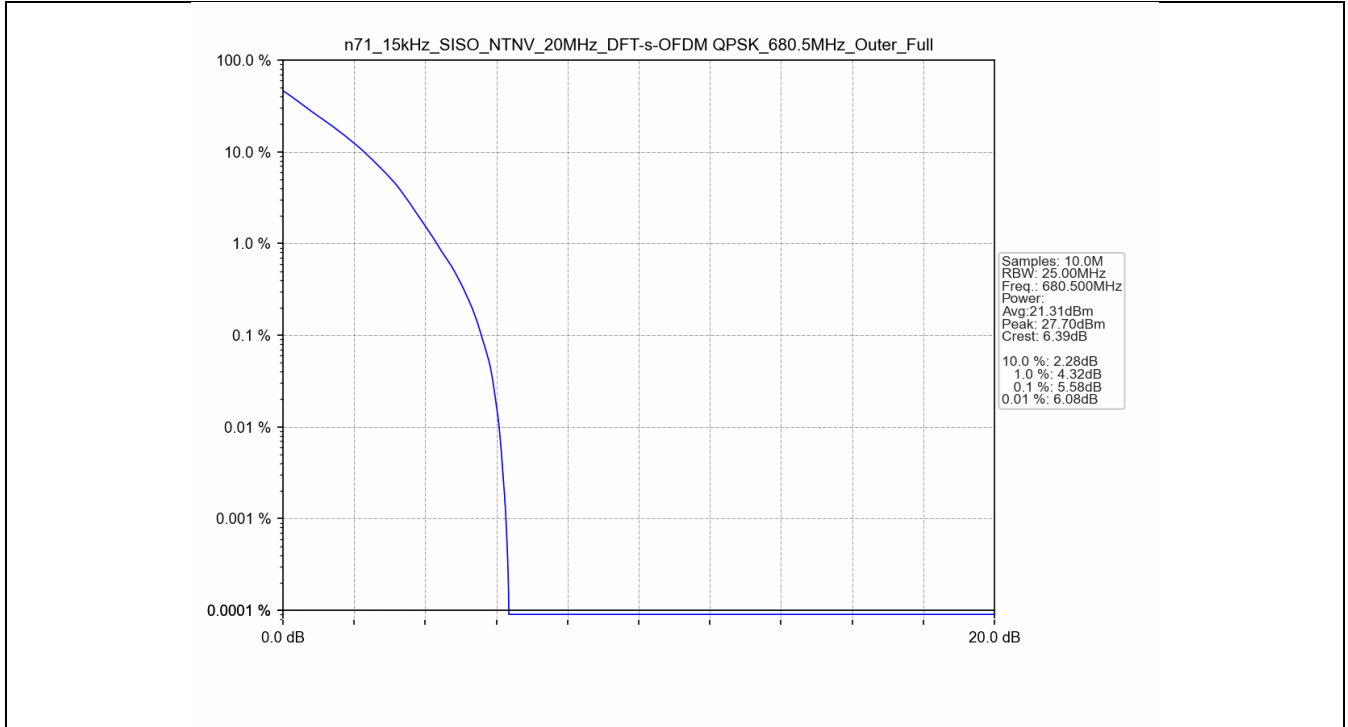
4.1.1 15_S_20M_NTNV

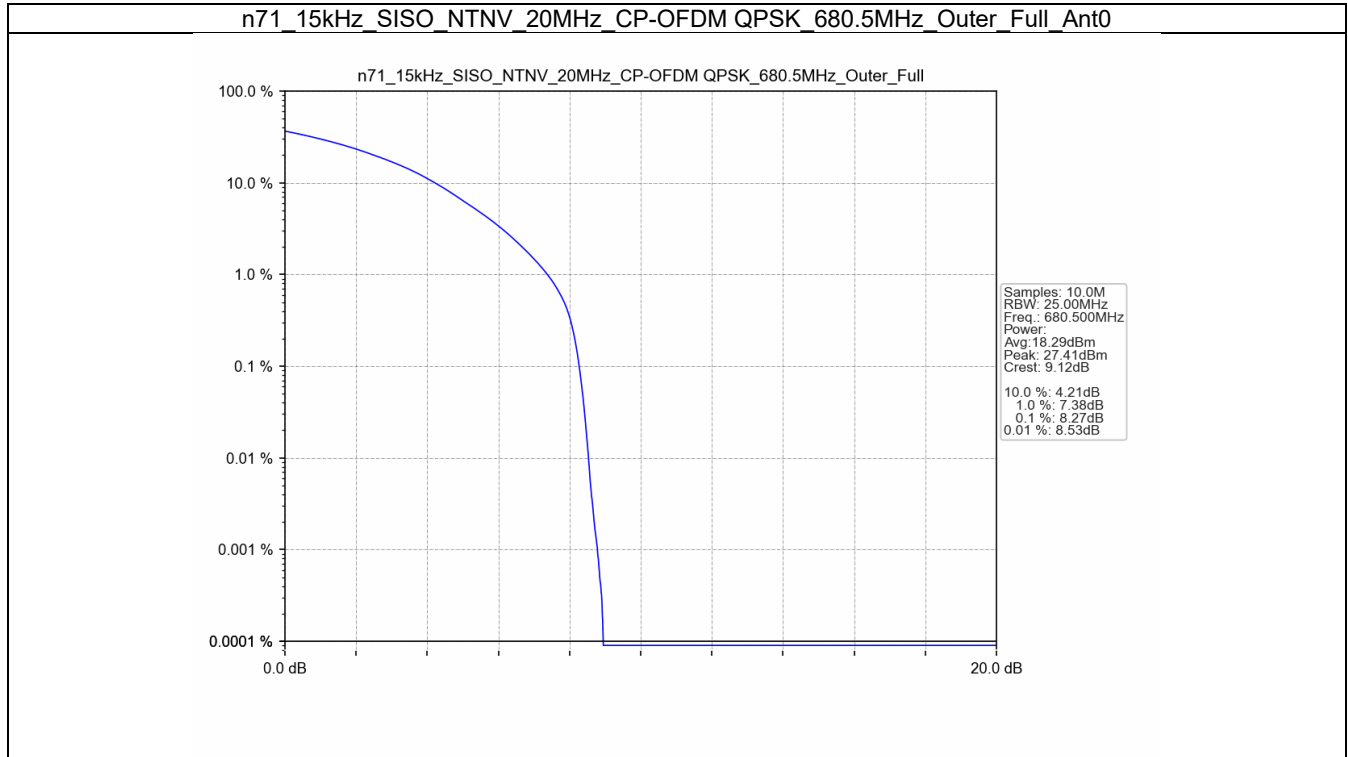
5G NR n71 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	680.5	Outer_Full	4.27	/	/	<=13	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	5.58	/	/	<=13	Pass
CP-OFDM QPSK	680.5	Outer_Full	8.27	/	/	<=13	Pass

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	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	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	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



Report No.: SUCR260500042411

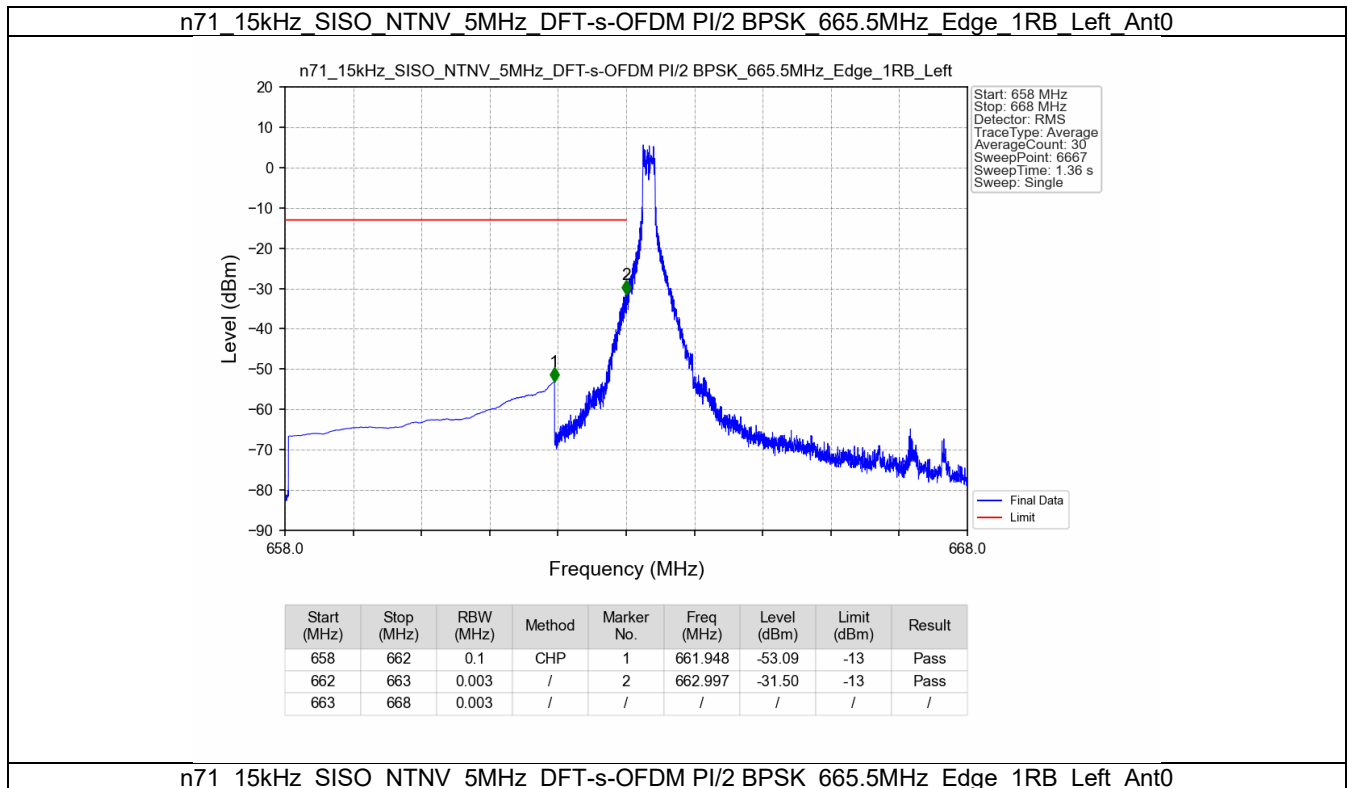
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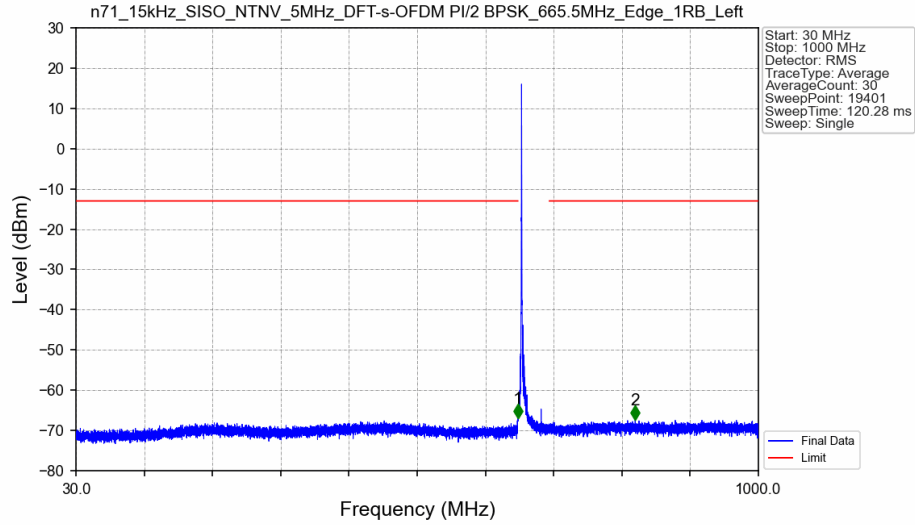
5.1.3 15_S_20M_NTNV

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
			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
			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
			Refer To Test Graph				Pass

5.2 Test Graph

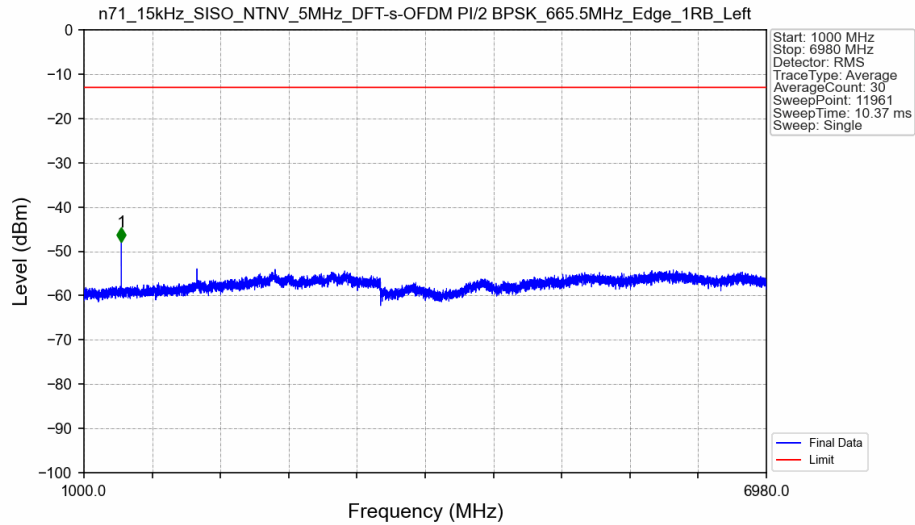
5.2.1 15_S_5M_NTNV





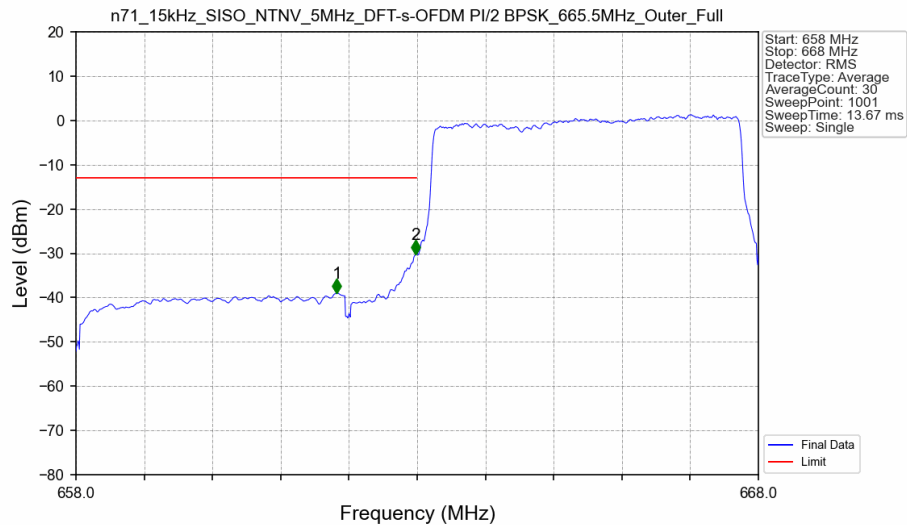
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.950	-66.99	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	824.850	-67.27	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK 665.5MHz_Edge_1RB_Left_Ant0

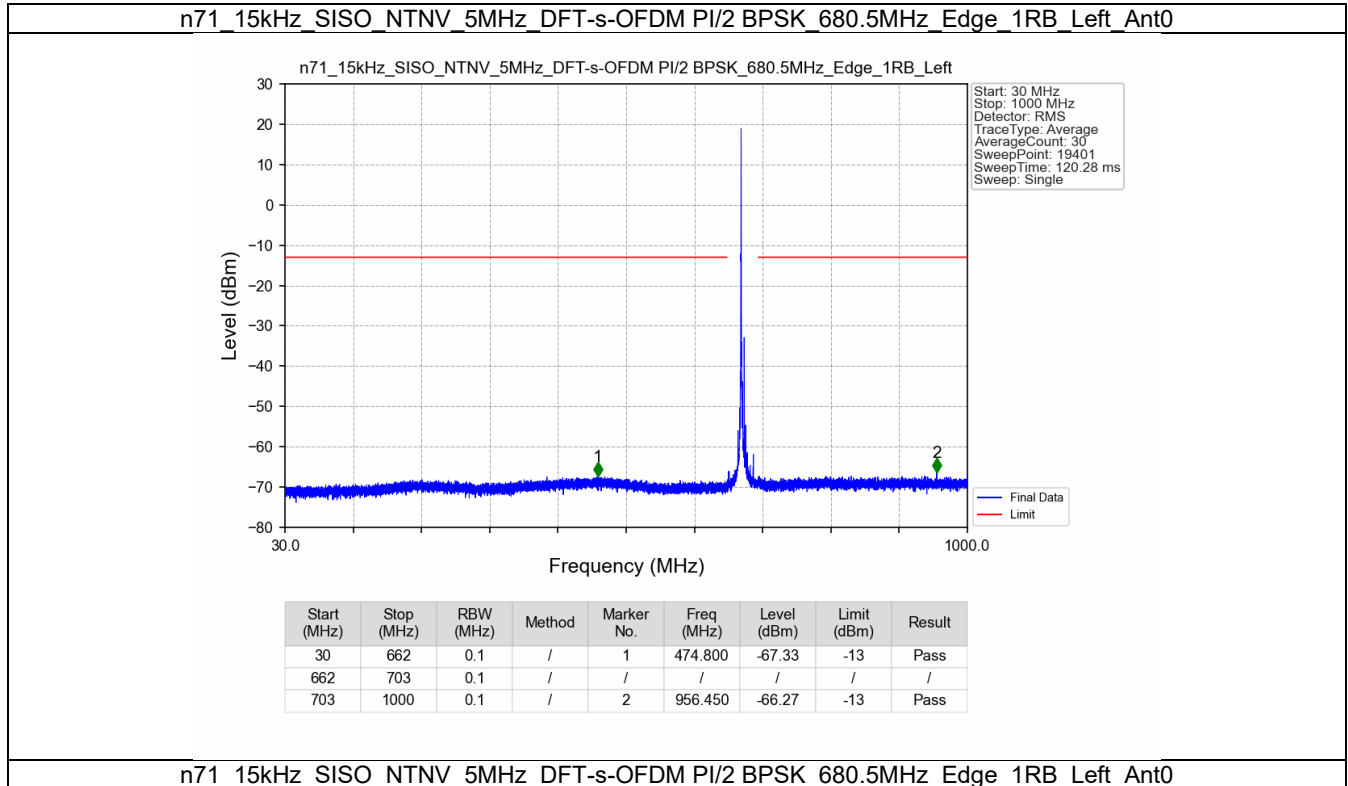


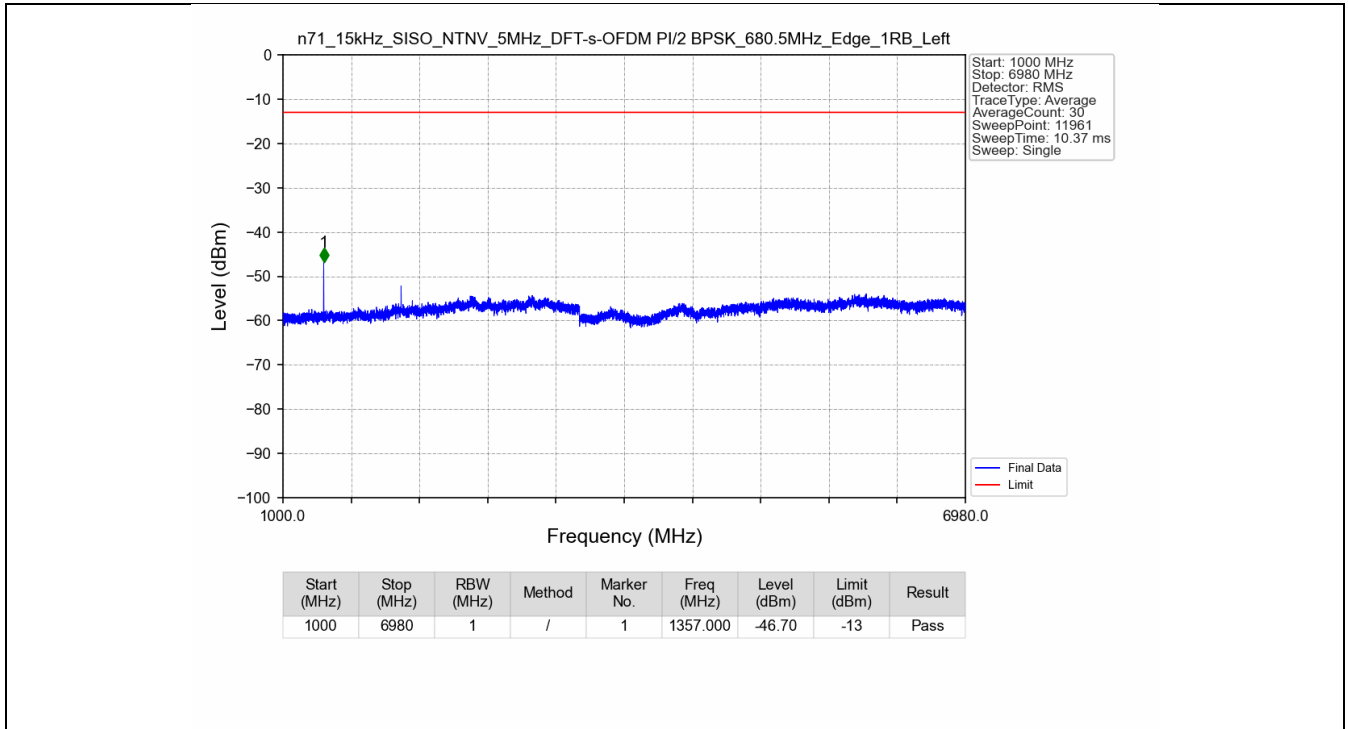
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1327.000	-47.93	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK 665.5MHz_Outer_Full_Ant0

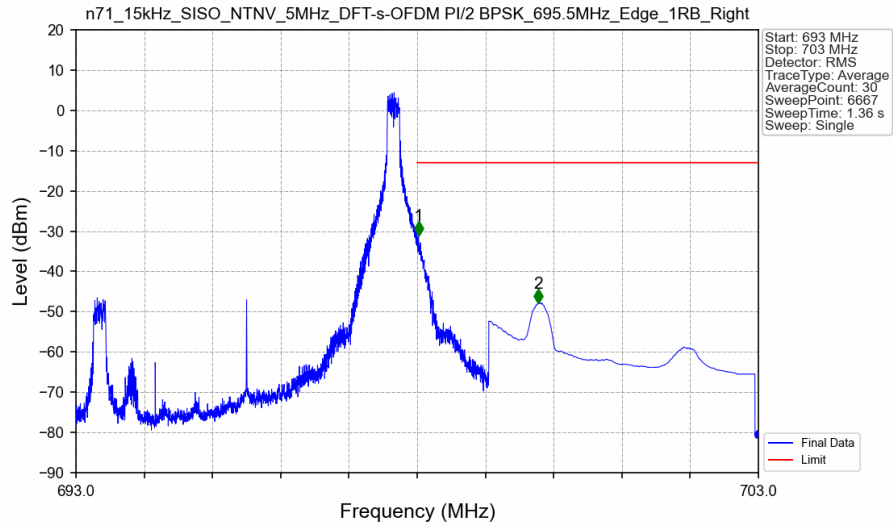


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.820	-38.97	-13	Pass
662	663	0.05254	CHP	2	662.980	-30.21	-13	Pass
663	668	0.05254	CHP	/	/	/	/	/



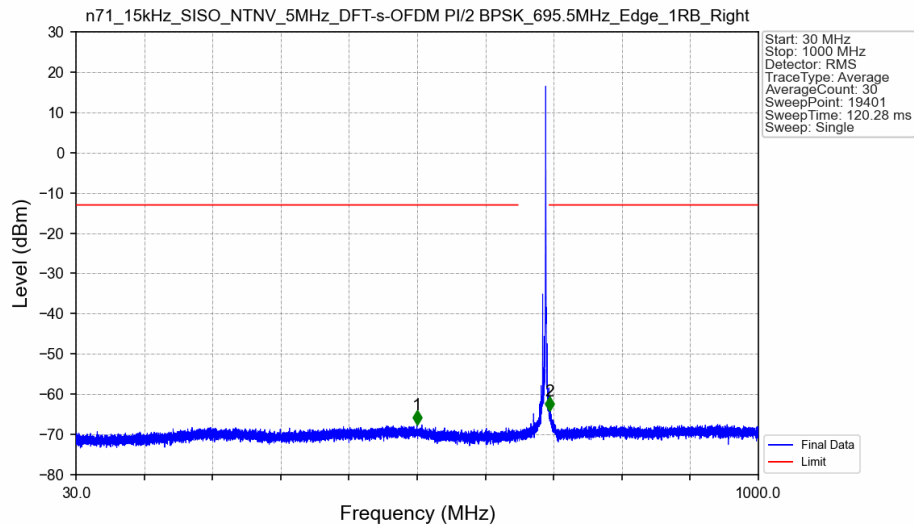


n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_695.5MHz_Edge_1RB_Right_Ant0

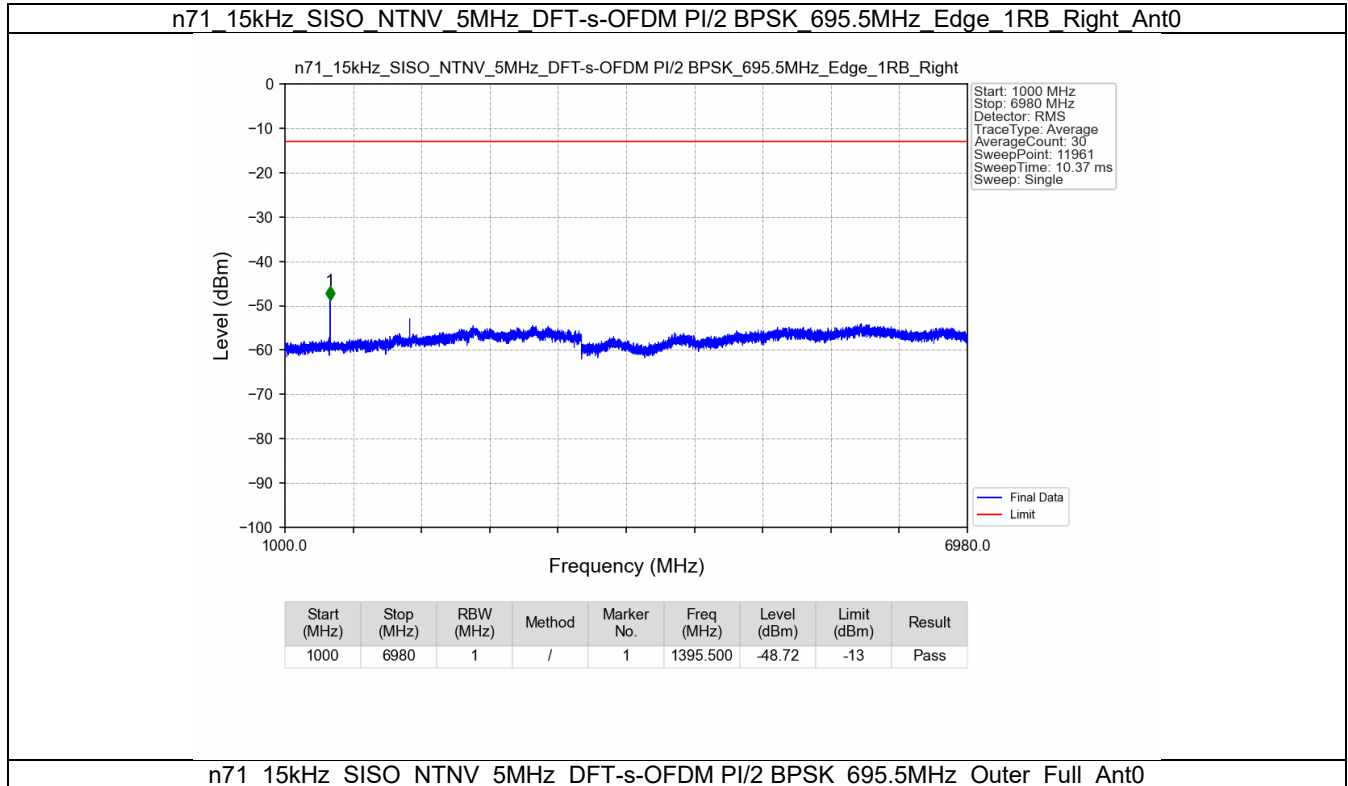


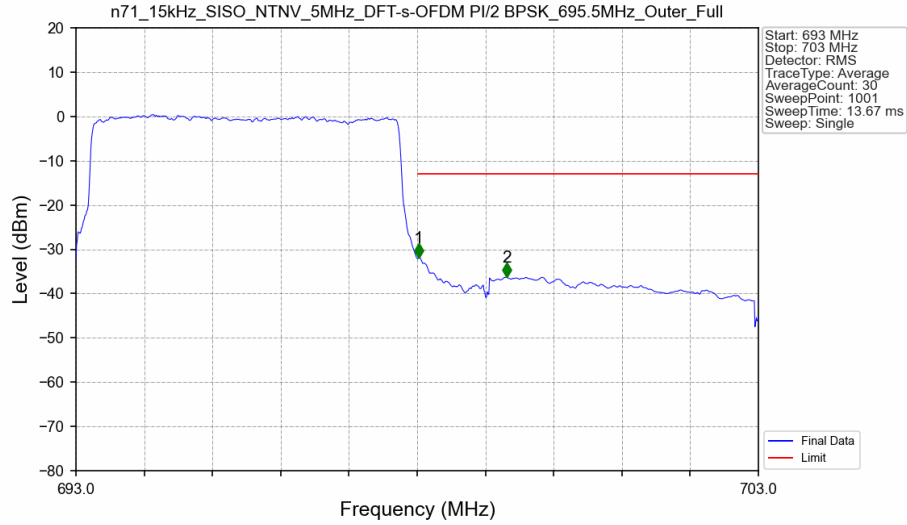
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.018	-30.95	-13	Pass
699	703	0.1	CHP	2	699.773	-47.77	-13	Pass

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



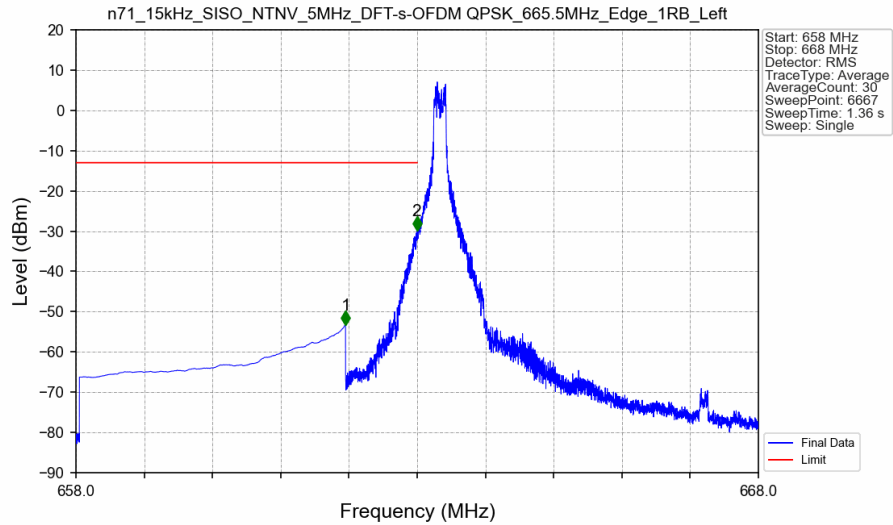
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	514.650	-67.48	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.050	-64.11	-13	Pass





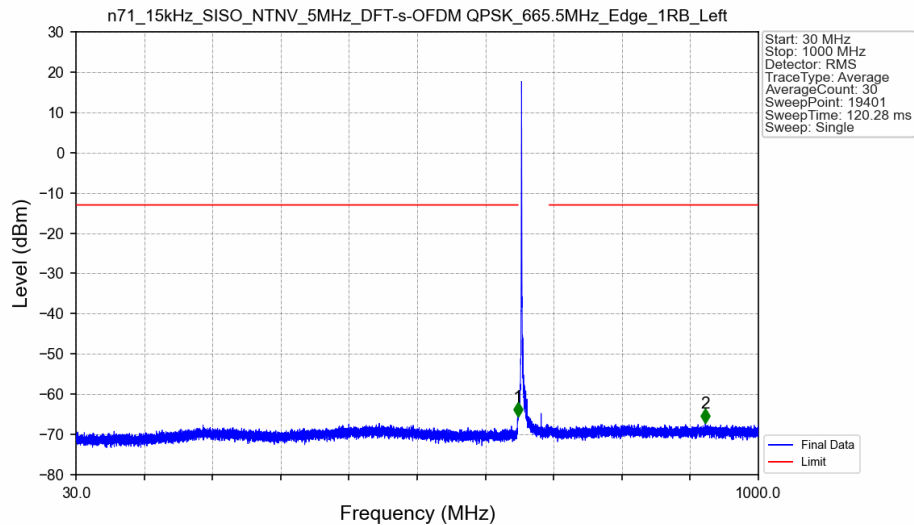
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.05254	CHP	/	/	/	/	/
698	699	0.05254	CHP	1	698.020	-31.84	-13	Pass
699	703	0.1	CHP	2	699.310	-36.25	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant0

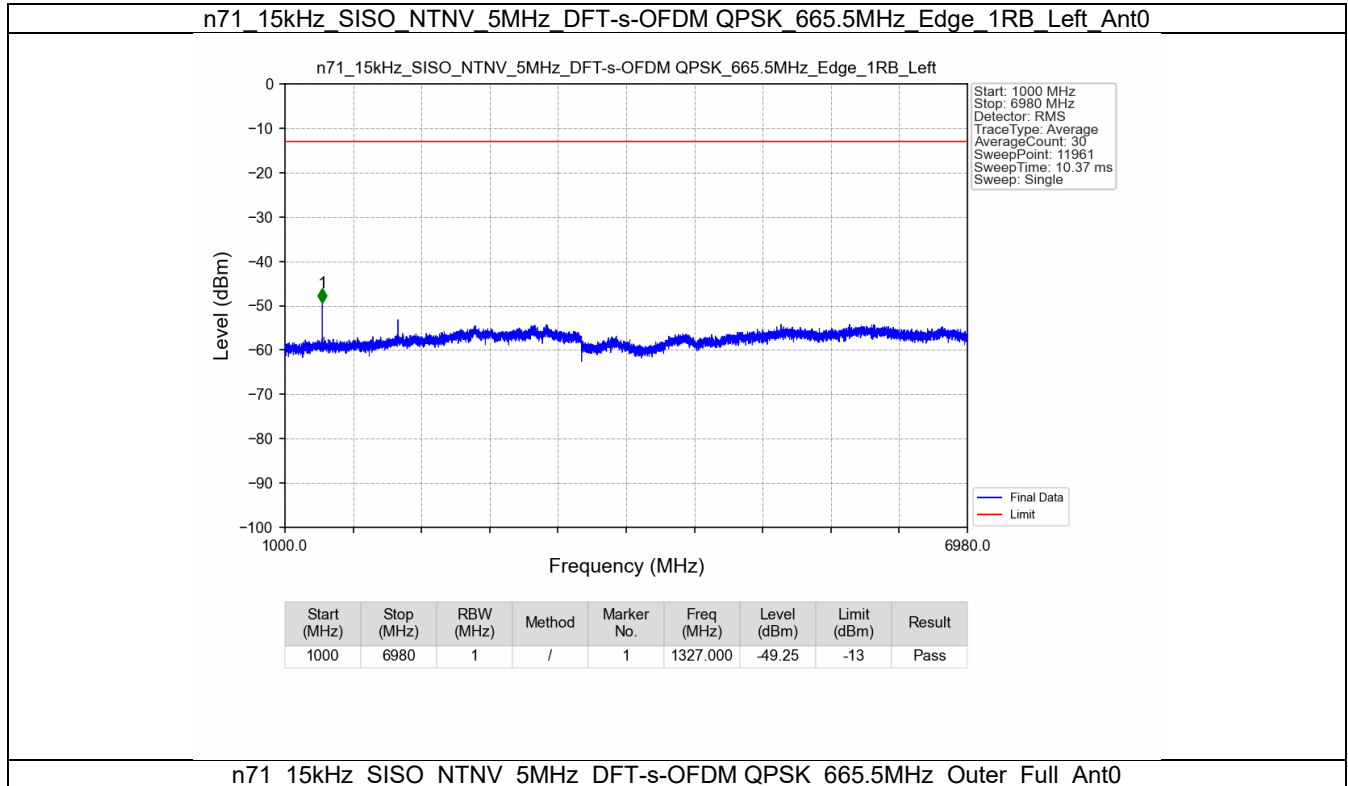


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.950	-53.21	-13	Pass
662	663	0.003	/	2	662.995	-29.76	-13	Pass
663	668	0.003	/	/	/	/	/	/

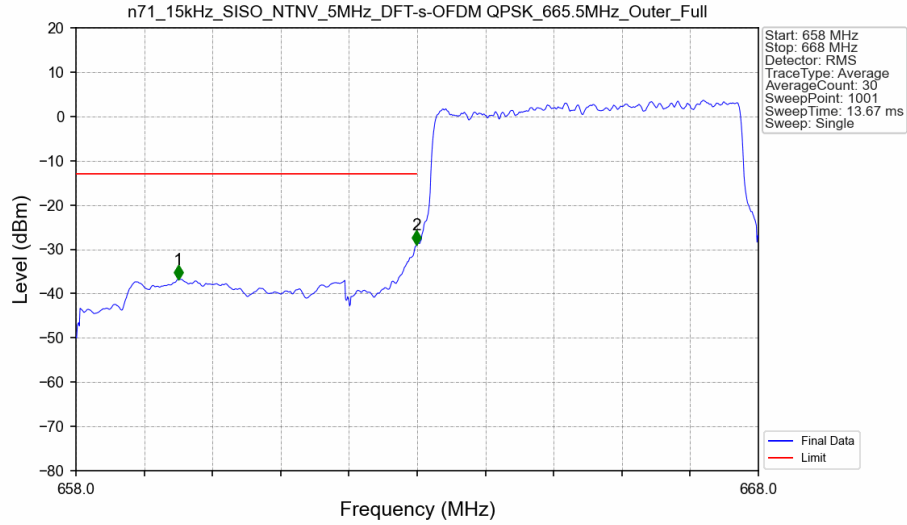
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.950	-65.54	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	924.550	-67.21	-13	Pass

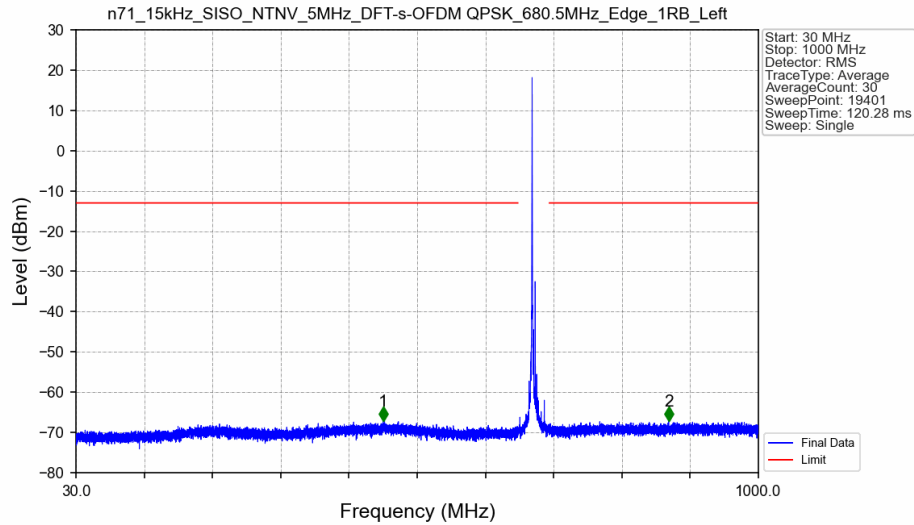


n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Outer_Full_Ant0



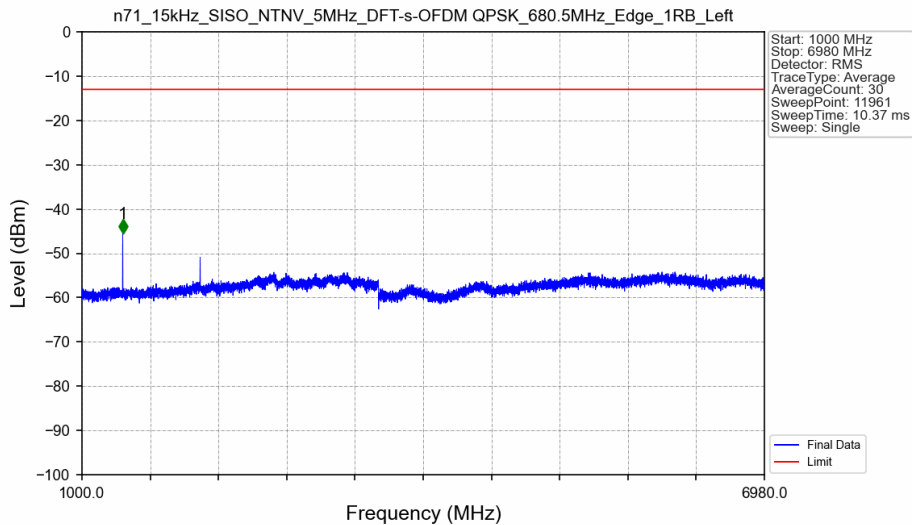
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	659.500	-36.77	-13	Pass
662	663	0.05254	CHP	2	662.990	-29.00	-13	Pass
663	668	0.05254	CHP	/	/	/	/	/

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0

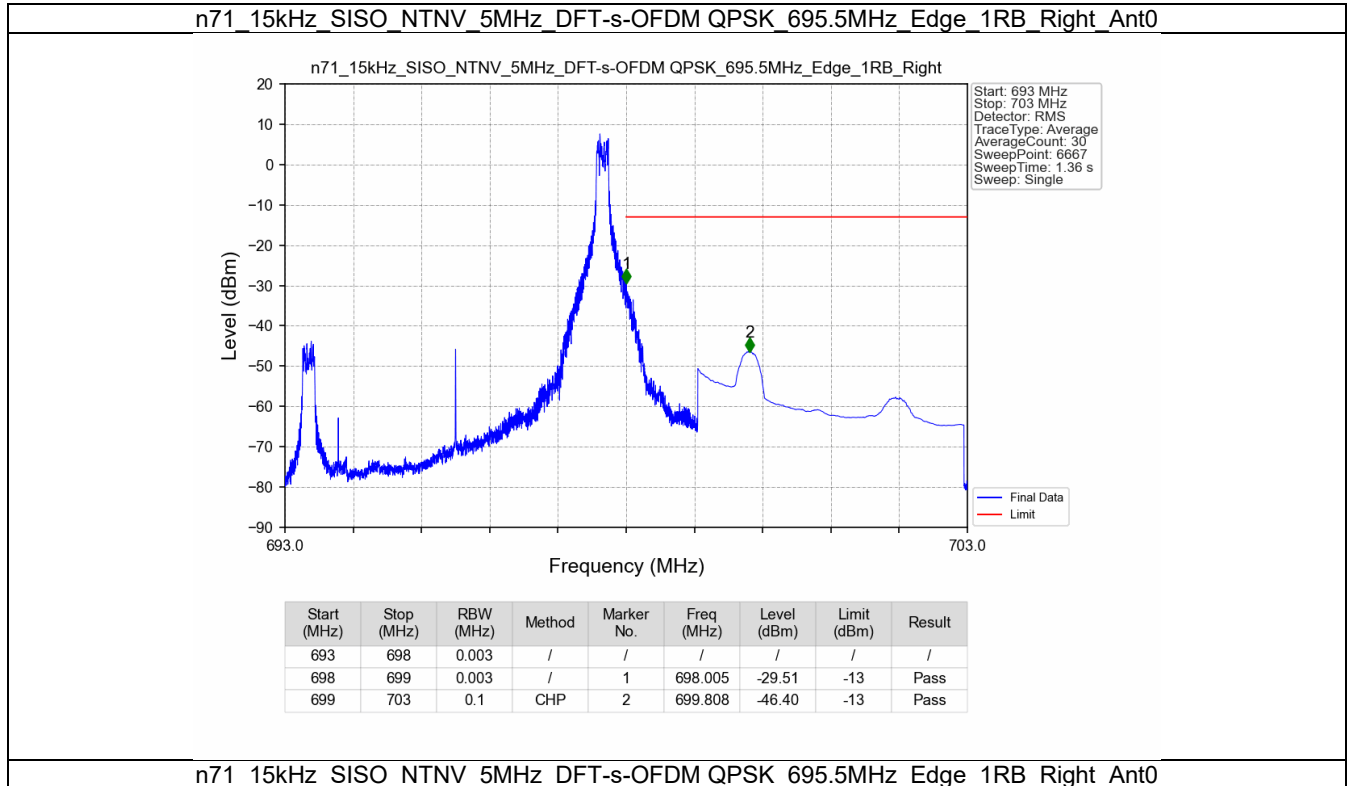


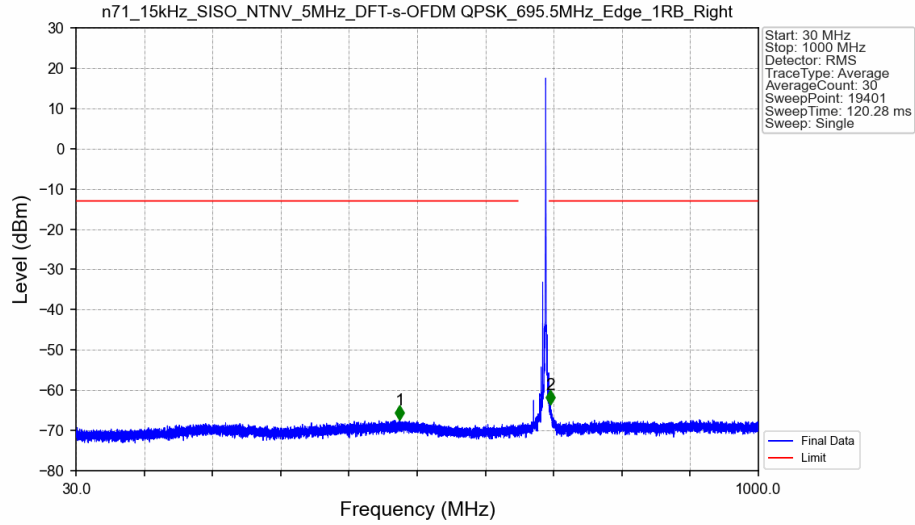
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	466.450	-67.18	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	872.450	-67.09	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0



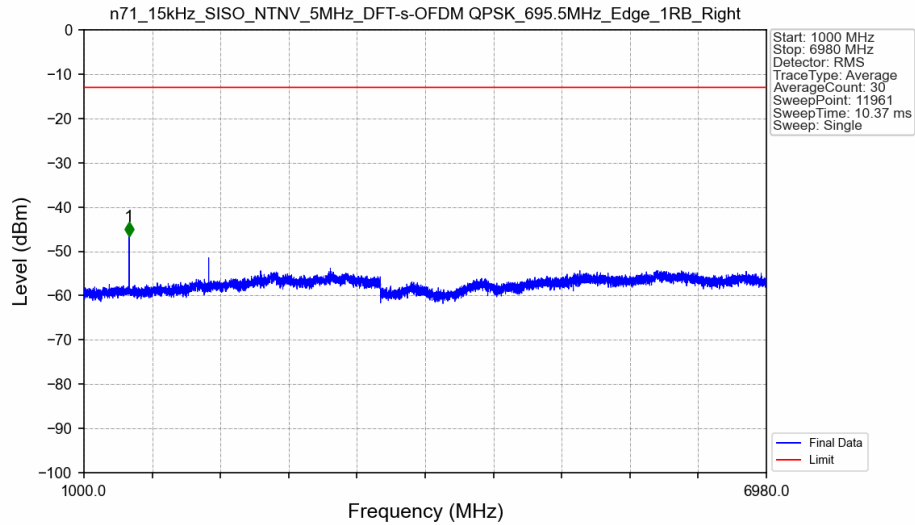
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1357.000	-45.43	-13	Pass





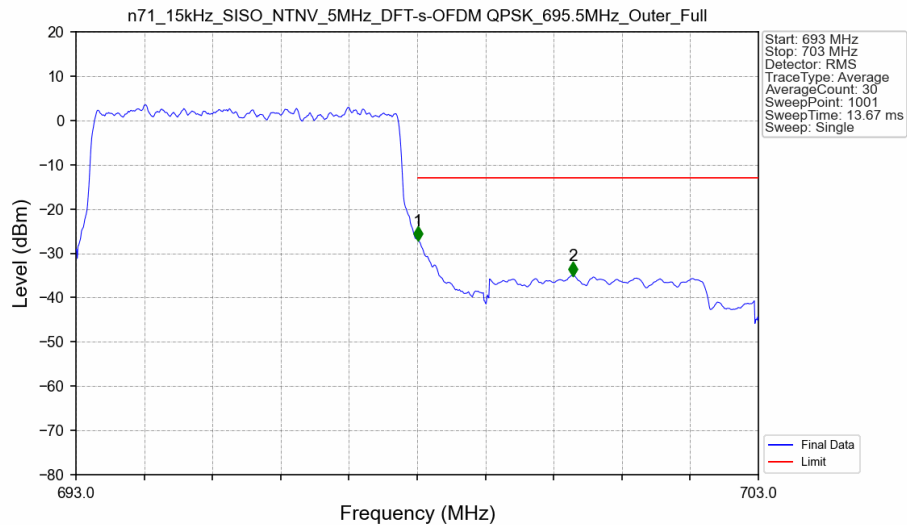
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	490.000	-67.23	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	704.250	-63.44	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK 695.5MHz_Edge_1RB_Right_Ant0



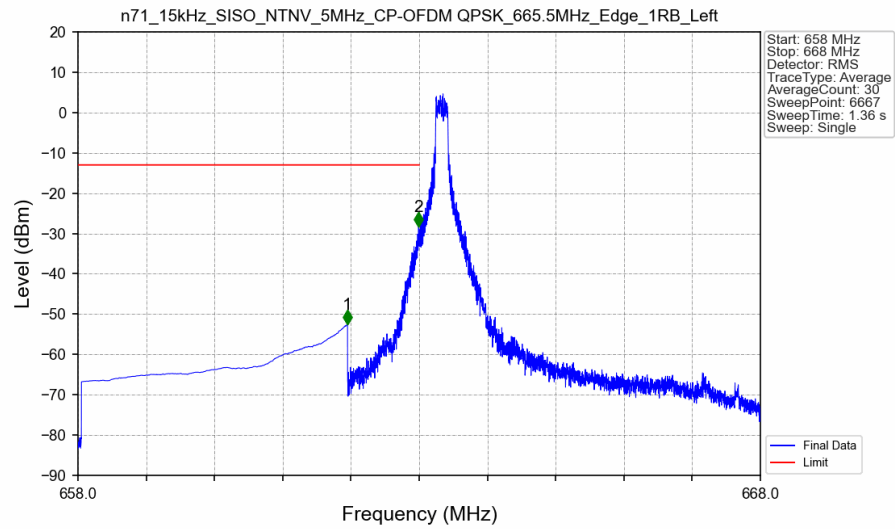
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1395.500	-46.57	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK 695.5MHz_Outer_Full_Ant0



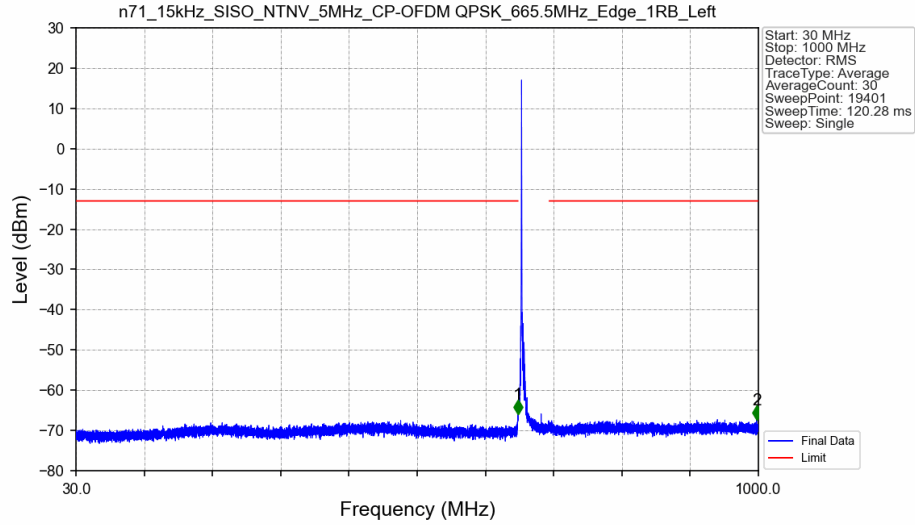
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.05254	CHP	/	/	/	/	/
698	699	0.05254	CHP	1	698.010	-27.12	-13	Pass
699	703	0.1	CHP	2	700.280	-35.05	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant0



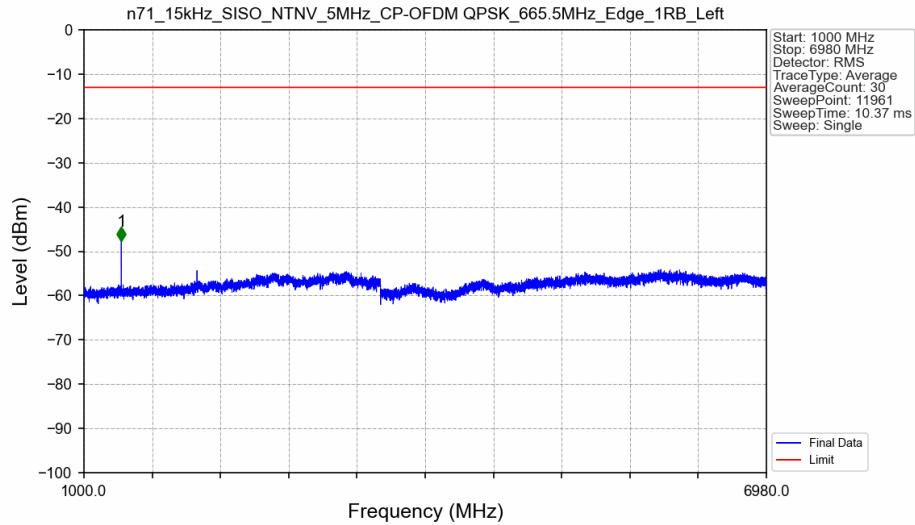
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.947	-52.38	-13	Pass
662	663	0.003	/	2	662.991	-28.27	-13	Pass
663	668	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant0



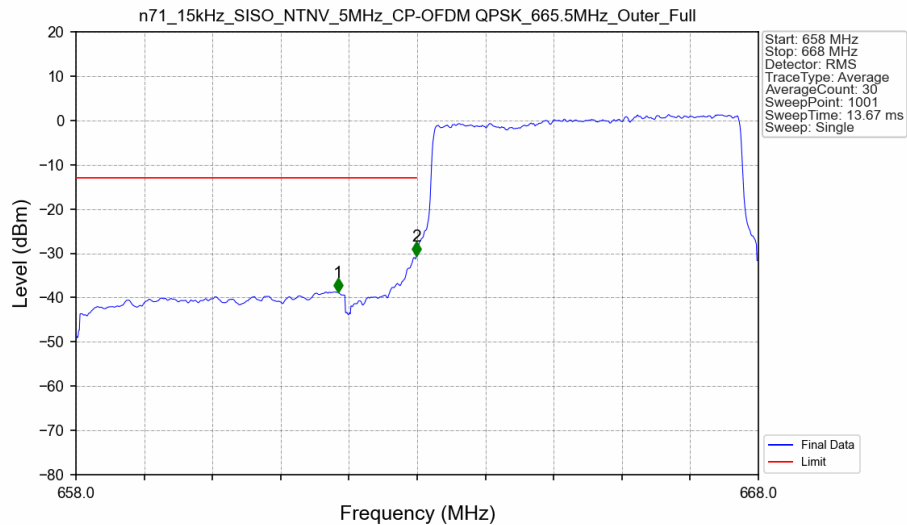
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.850	-65.83	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	997.450	-67.26	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant0



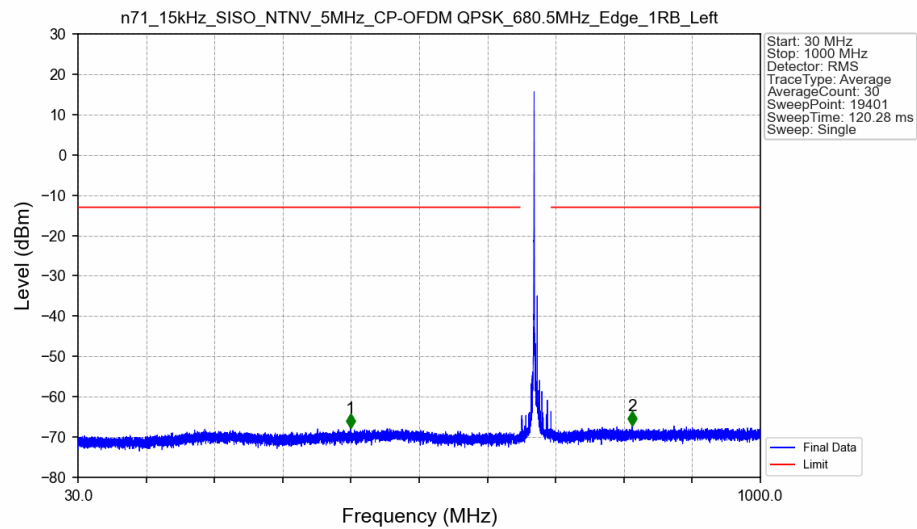
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1327.000	-47.65	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_665.5MHz_Outer_Full_Ant0



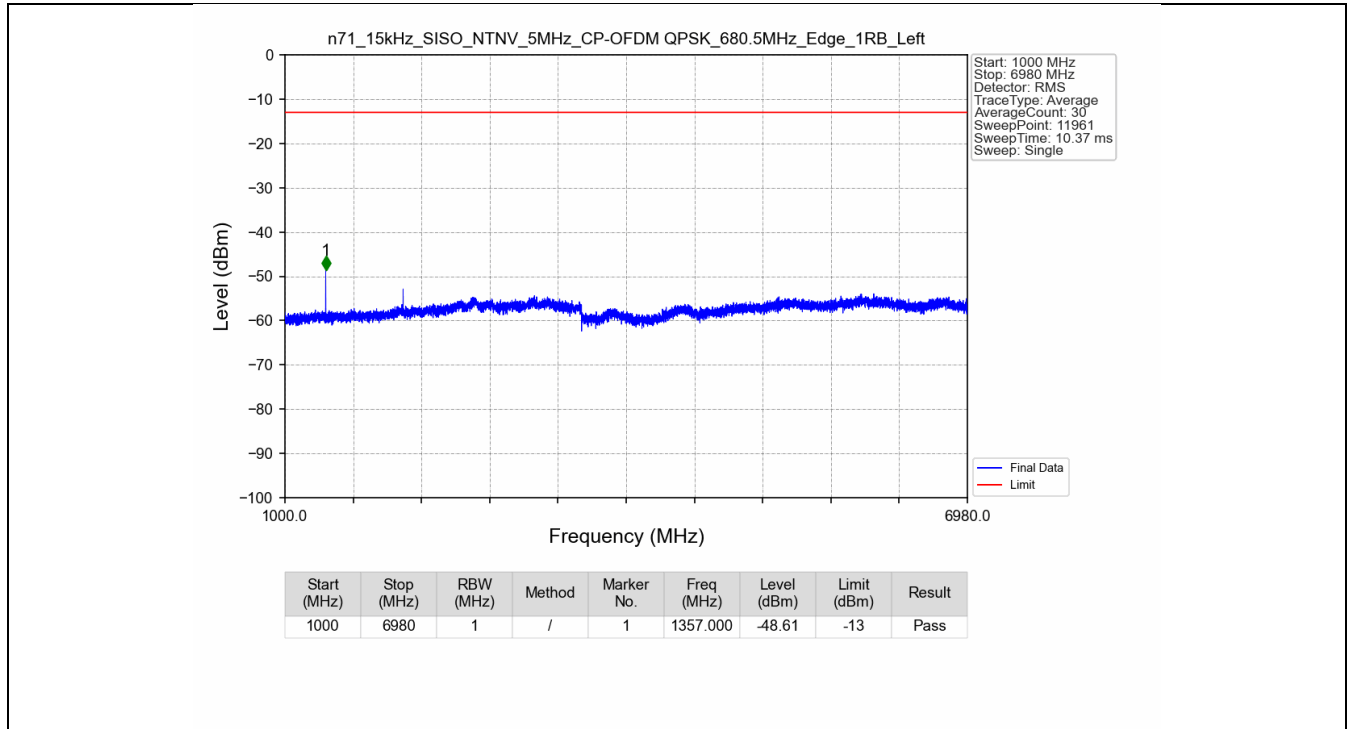
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.840	-38.70	-13	Pass
662	663	0.05254	CHP	2	662.990	-30.54	-13	Pass
663	668	0.05254	CHP	/	/	/	/	/

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0

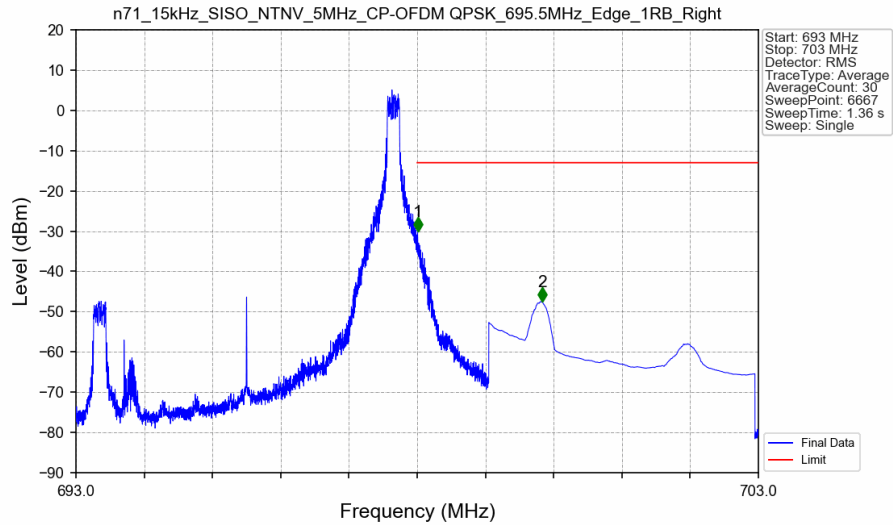


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	417.400	-67.79	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	817.800	-67.18	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0

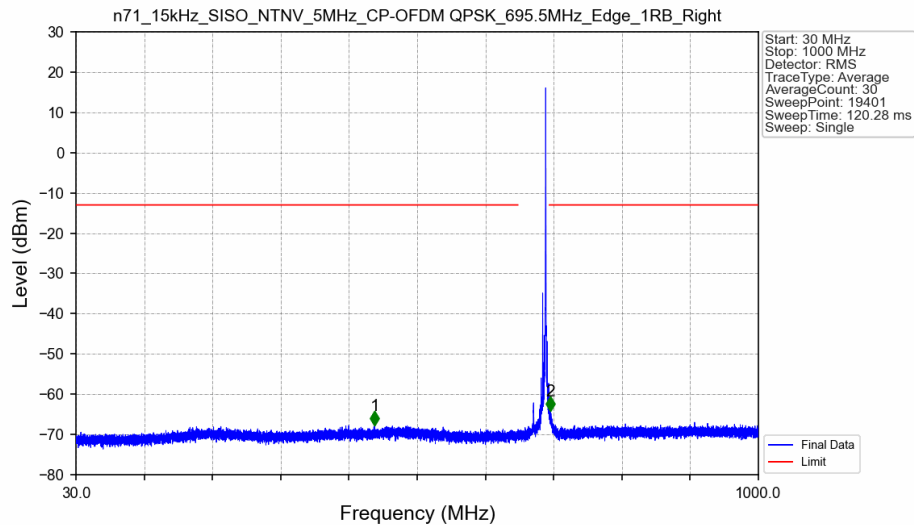


n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_695.5MHz_Edge_1RB_Right_Ant0

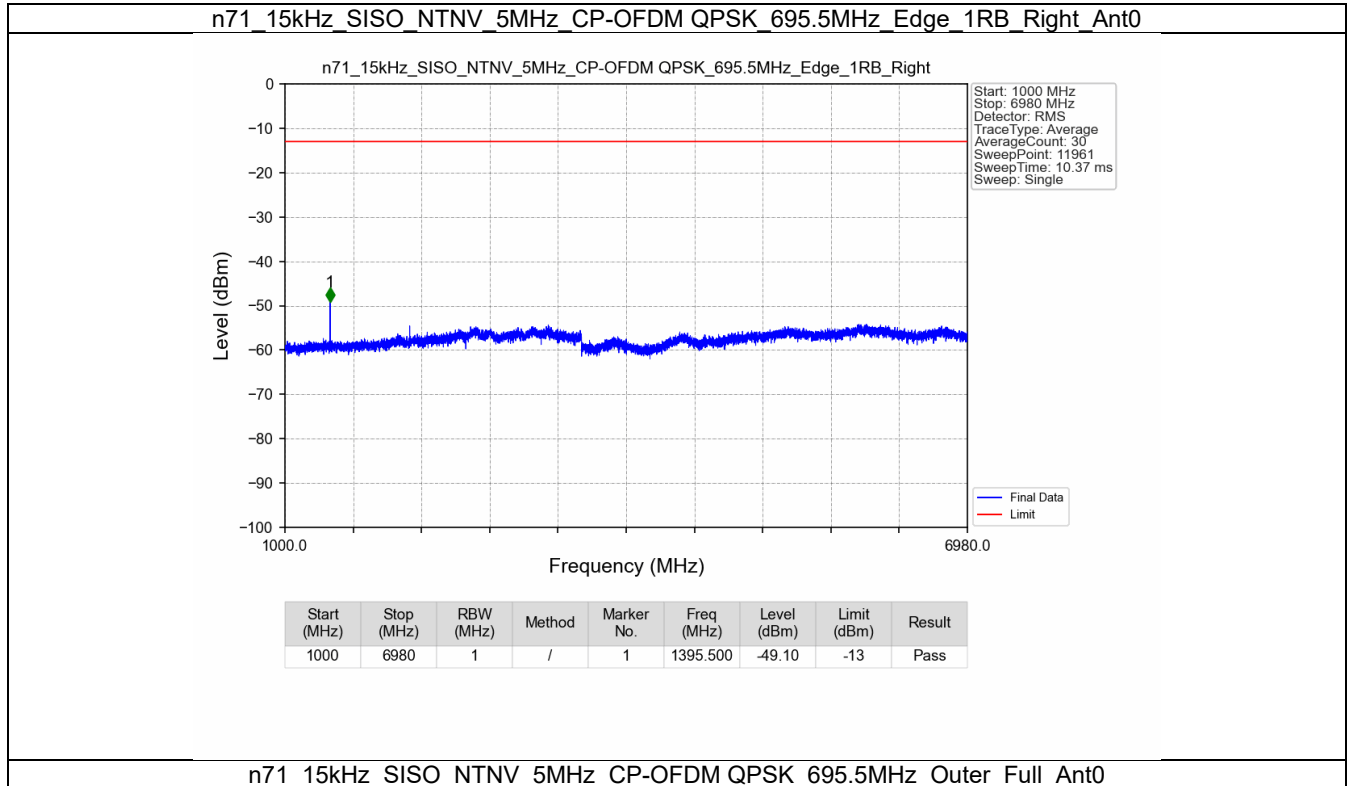


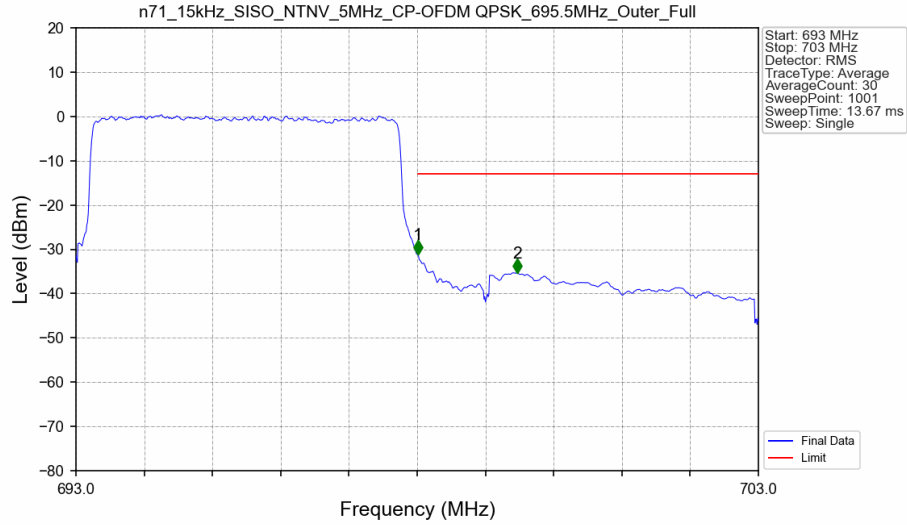
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.006	-30.08	-13	Pass
699	703	0.1	CHP	2	699.832	-47.48	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_695.5MHz_Edge_1RB_Right_Ant0



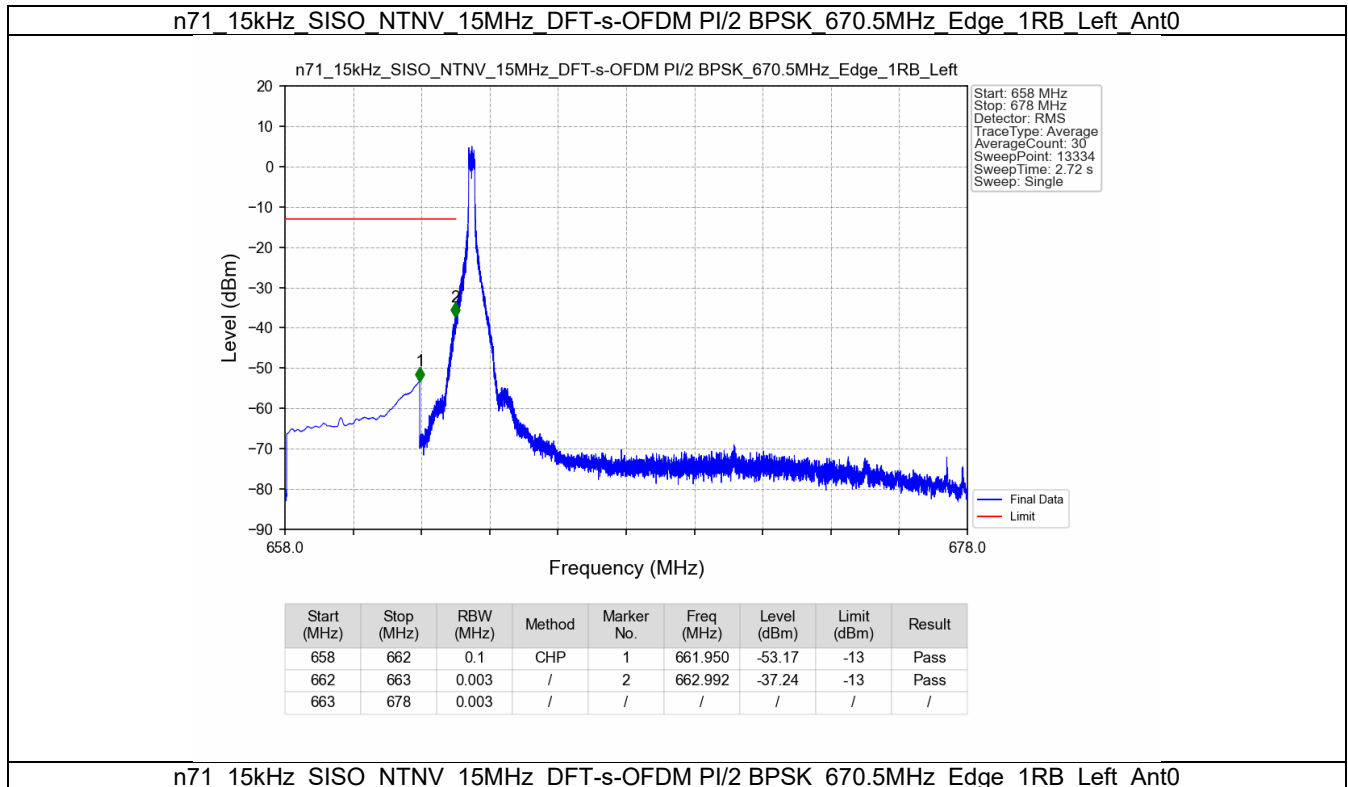
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	454.700	-67.73	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	704.050	-64.10	-13	Pass

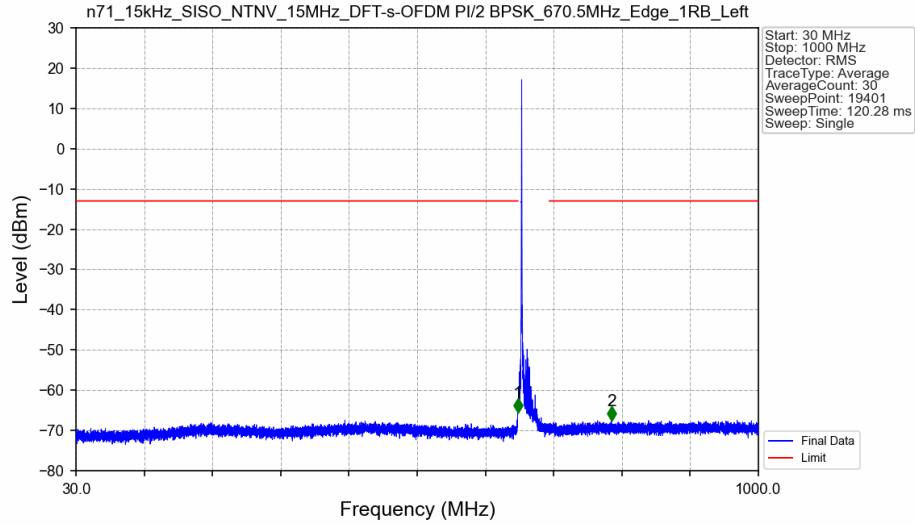




Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.05254	CHP	/	/	/	/	/
698	699	0.05254	CHP	1	698.010	-31.17	-13	Pass
699	703	0.1	CHP	2	699.470	-35.30	-13	Pass

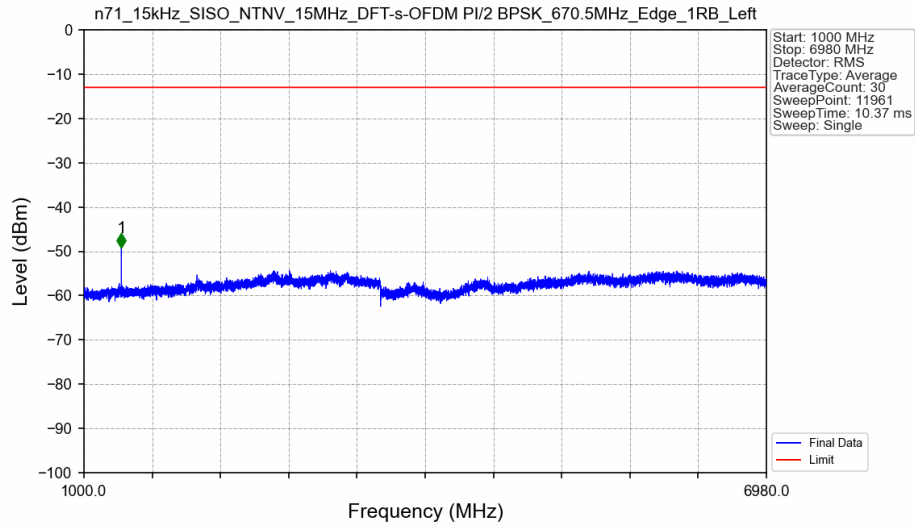
5.2.2 15_S_15M_NTNV





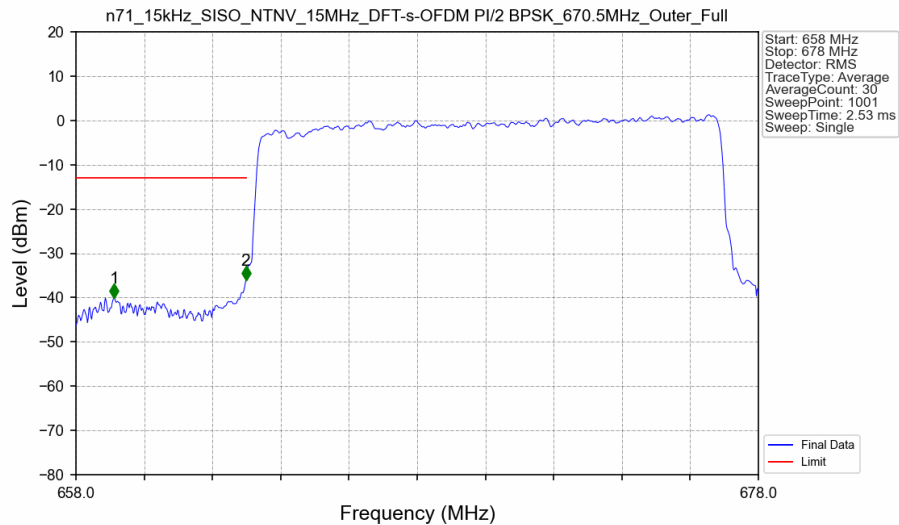
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.850	-65.49	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	791.050	-67.48	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_670.5MHz_Edge_1RB_Left_Ant0

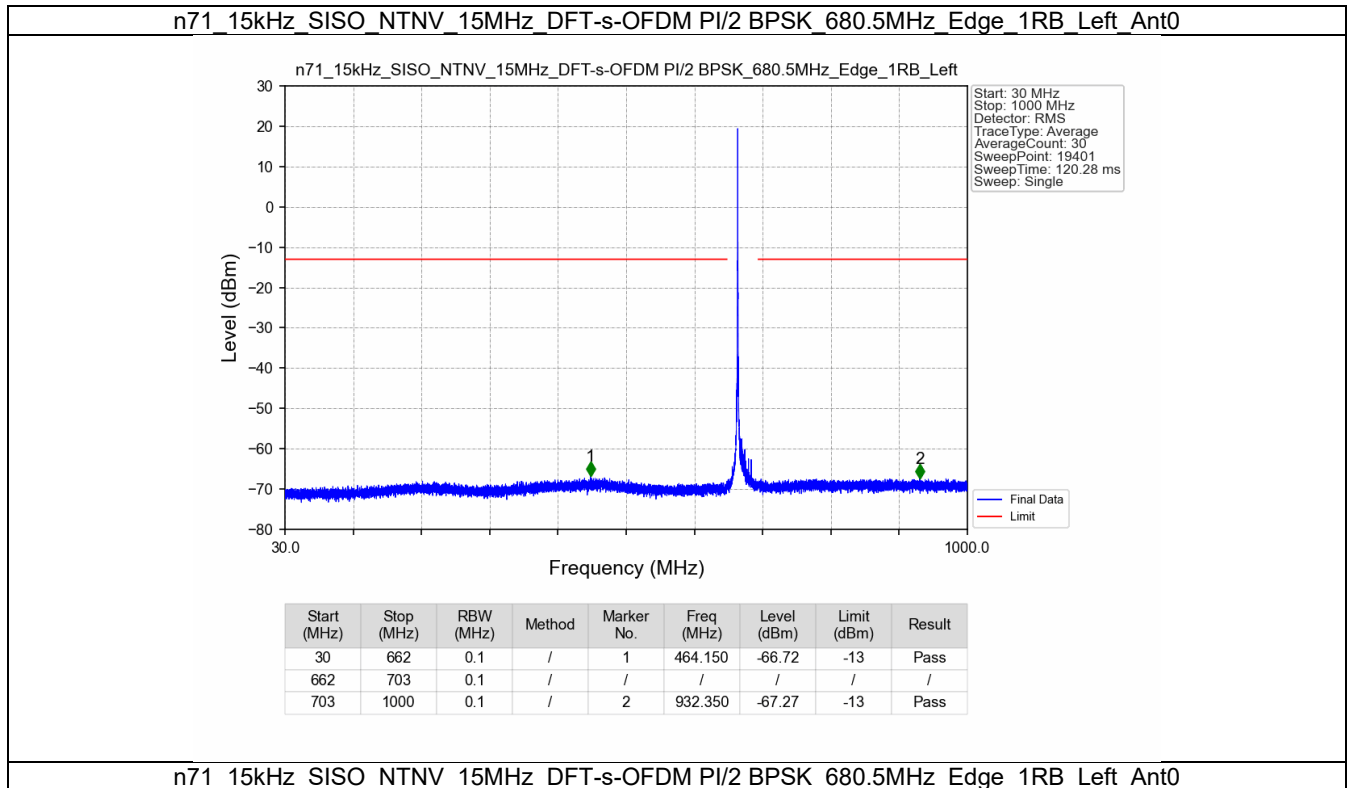


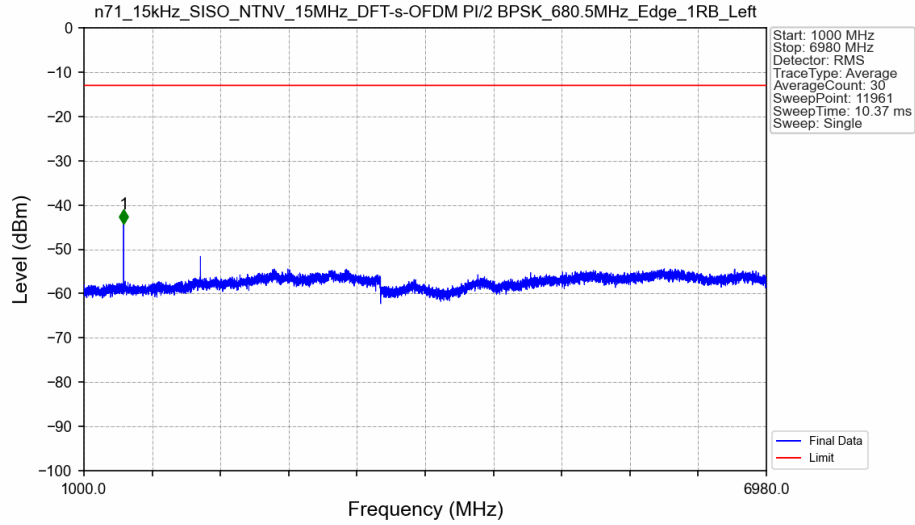
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1327.000	-49.19	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_670.5MHz_Outer_Full_Ant0



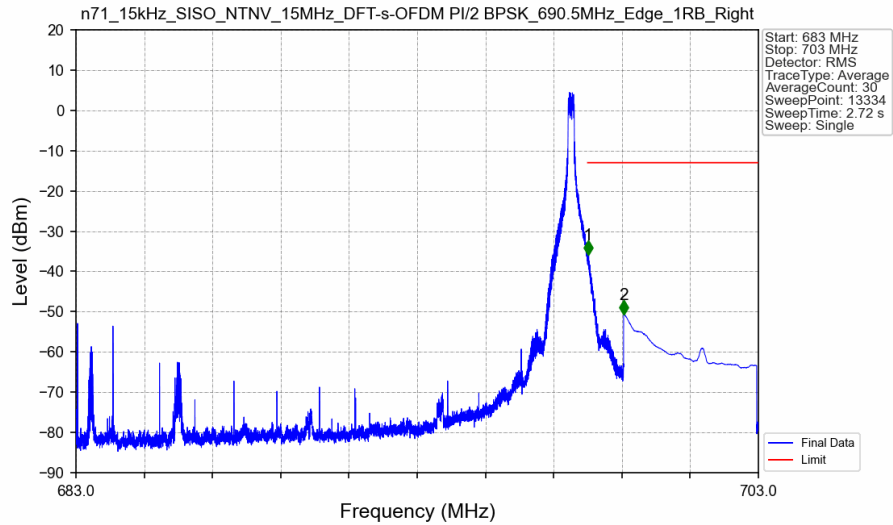
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	659.120	-40.00	-13	Pass
662	663	0.14355	CHP	2	662.980	-36.05	-13	Pass
663	678	0.14355	CHP	/	/	/	/	/





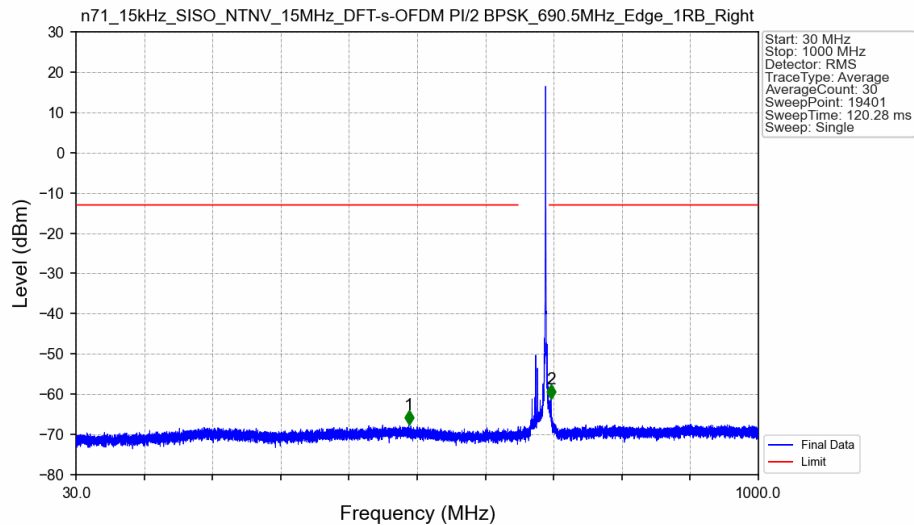
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1347.000	-44.23	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK 690.5MHz_Edge_1RB_Right_Ant0

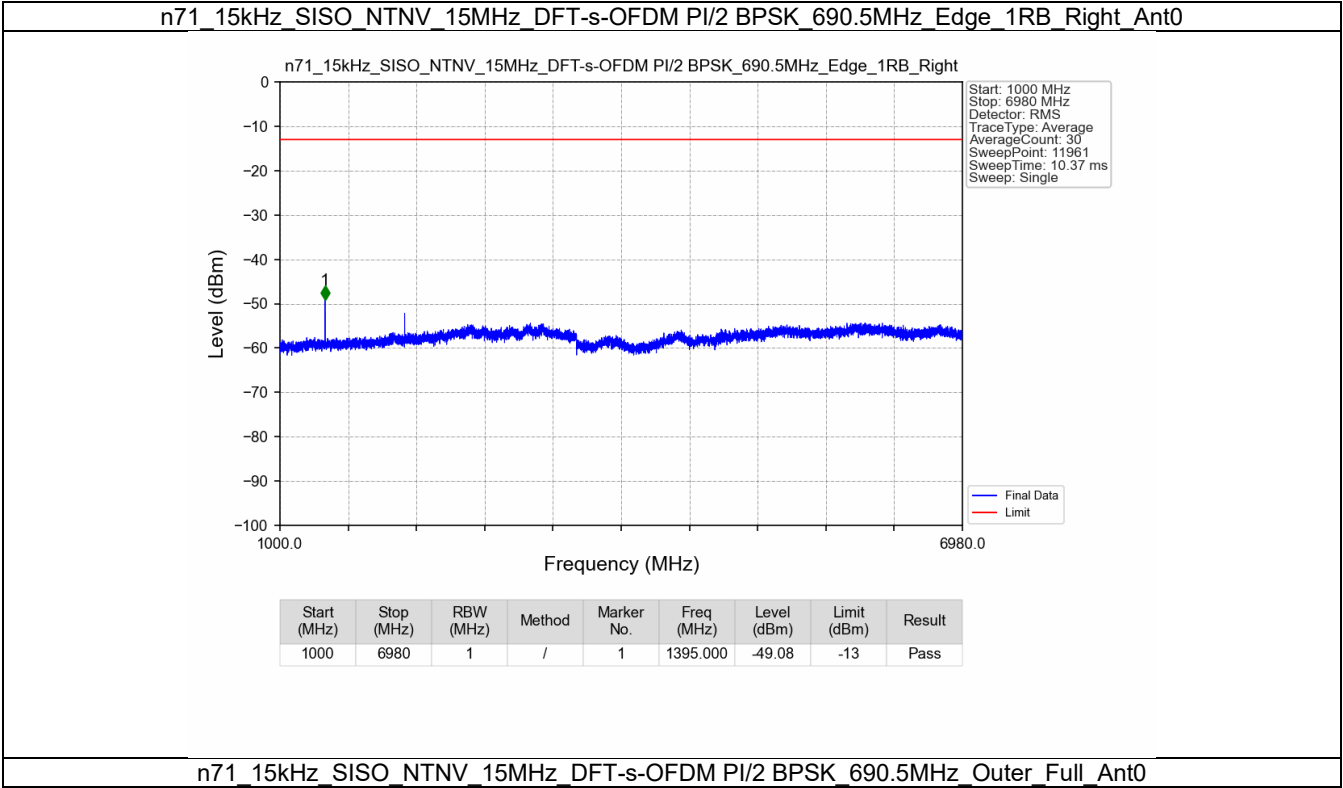


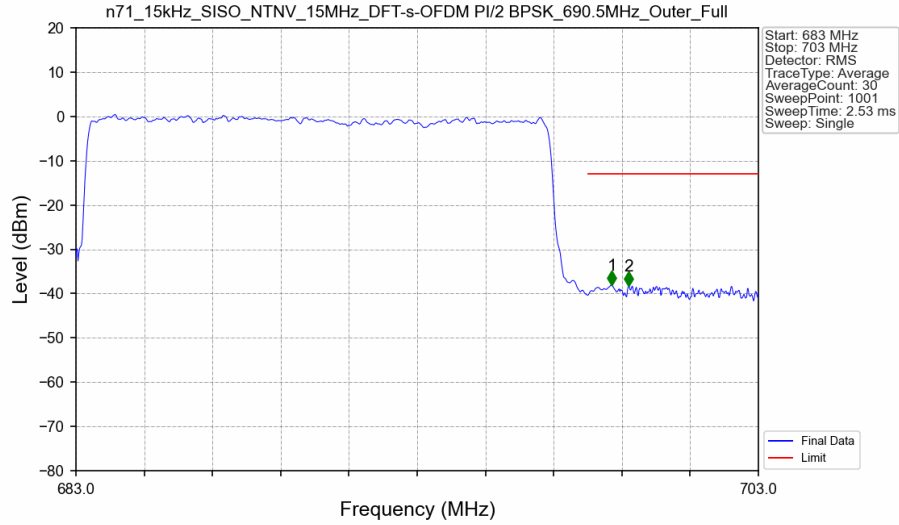
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.005	-35.92	-13	Pass
699	703	0.1	CHP	2	699.050	-50.60	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK 690.5MHz_Edge_1RB_Right_Ant0



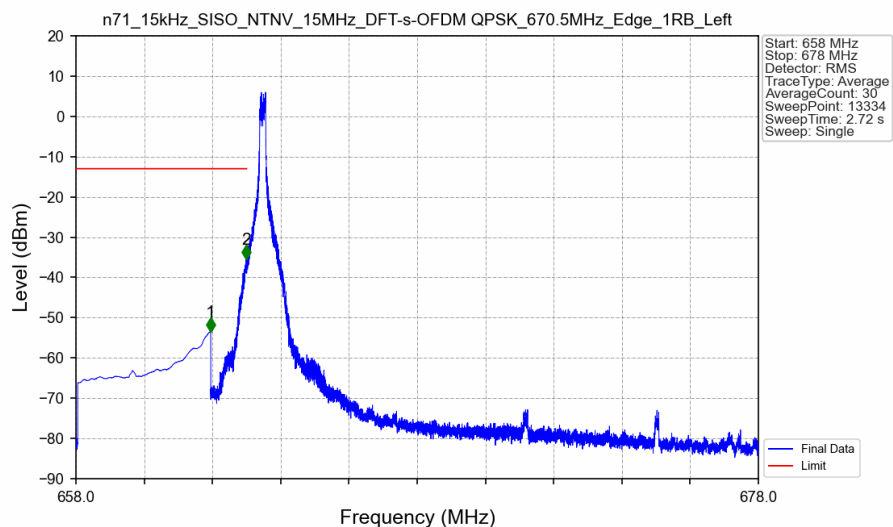
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	503.050	-67.51	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	705.200	-61.12	-13	Pass





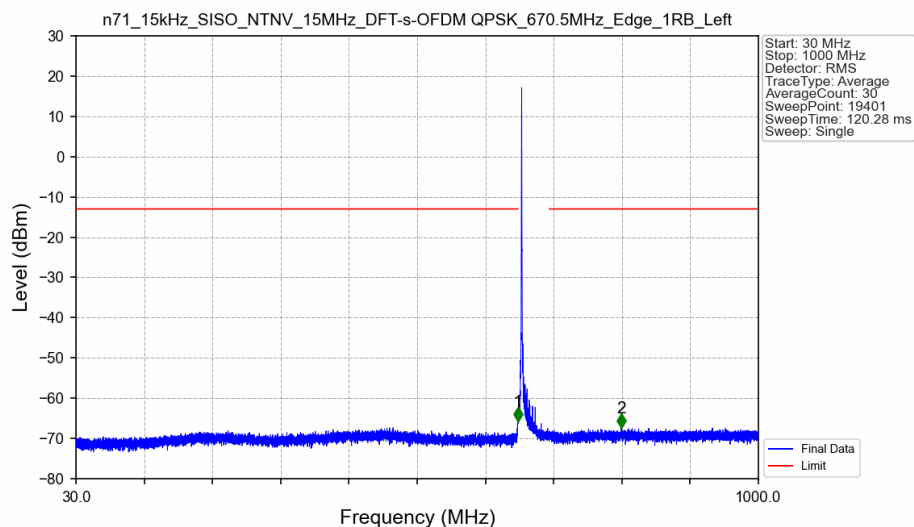
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.14355	CHP	/	/	/	/	/
698	699	0.14355	CHP	1	698.700	-38.09	-13	Pass
699	703	0.1	/	2	699.200	-38.19	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_670.5MHz_Edge_1RB_Left_Ant0

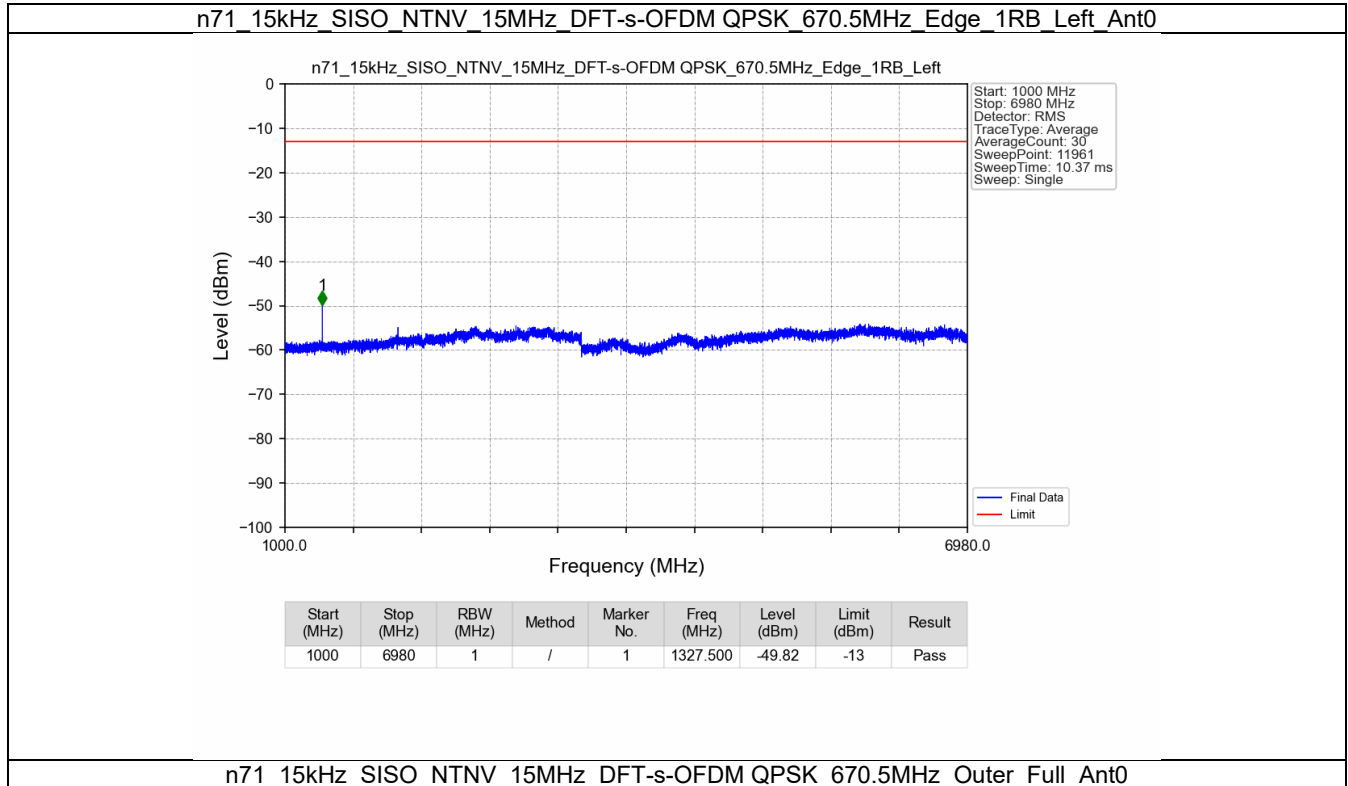


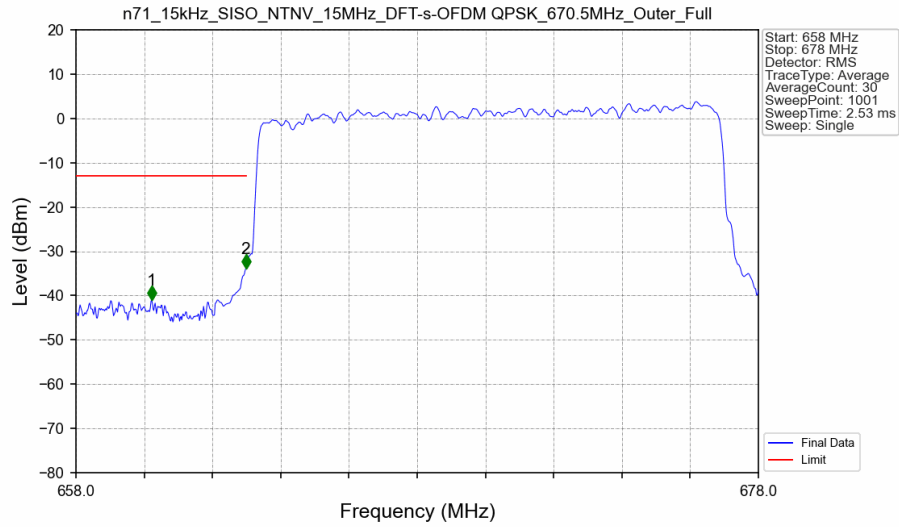
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.948	-53.40	-13	Pass
662	663	0.003	/	2	662.982	-35.51	-13	Pass
663	678	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_670.5MHz_Edge_1RB_Left_Ant0



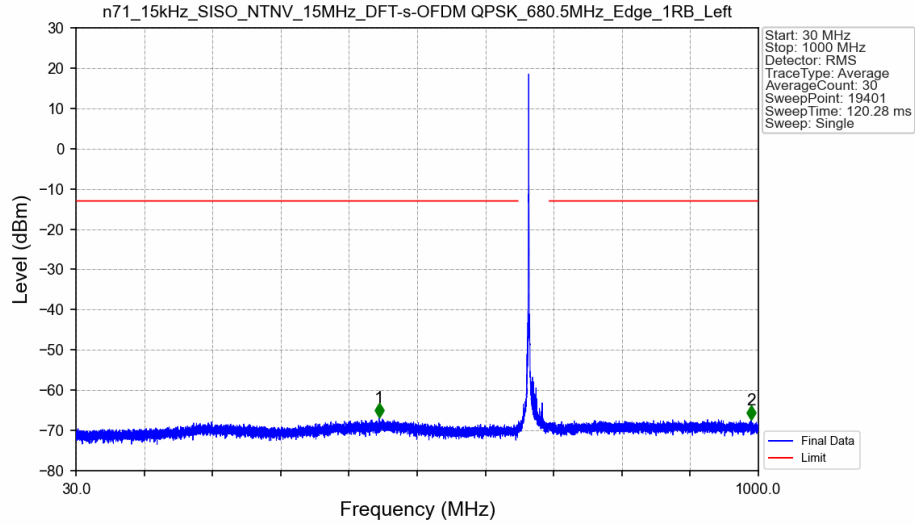
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.800	-65.65	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	805.050	-67.40	-13	Pass



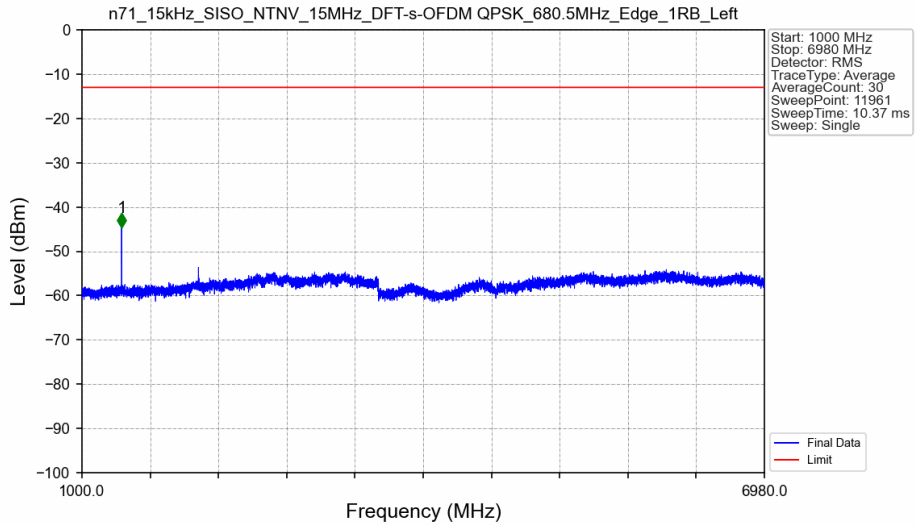


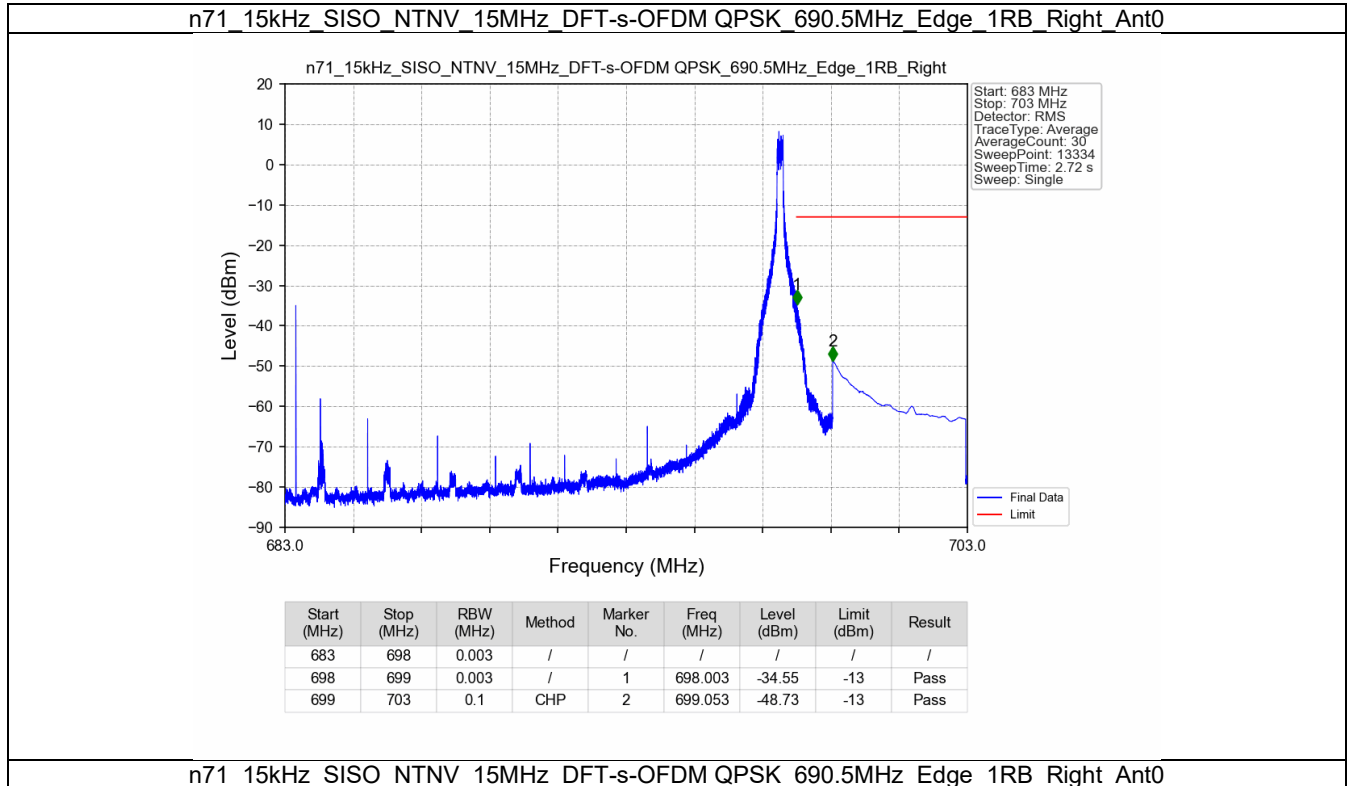
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	660.220	-40.99	-13	Pass
662	663	0.14355	CHP	2	662.980	-33.80	-13	Pass
663	678	0.14355	CHP	/	/	/	/	/

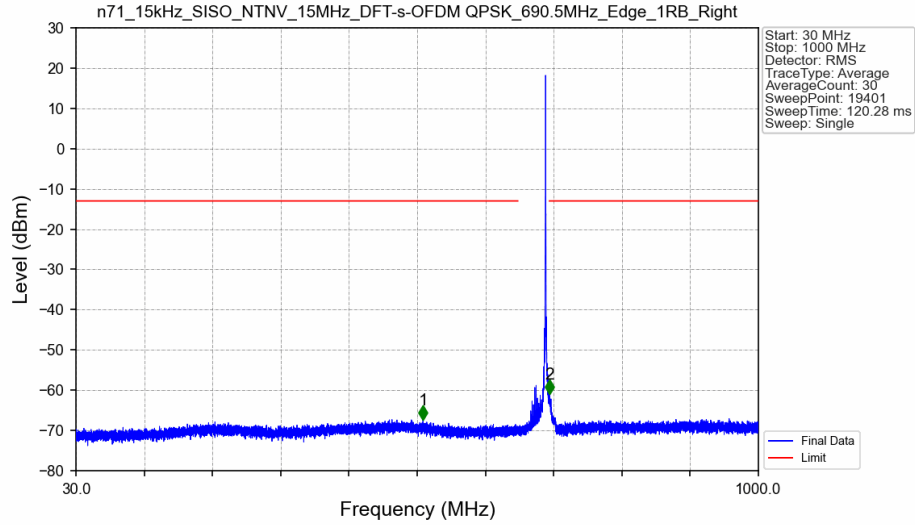
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0



n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0

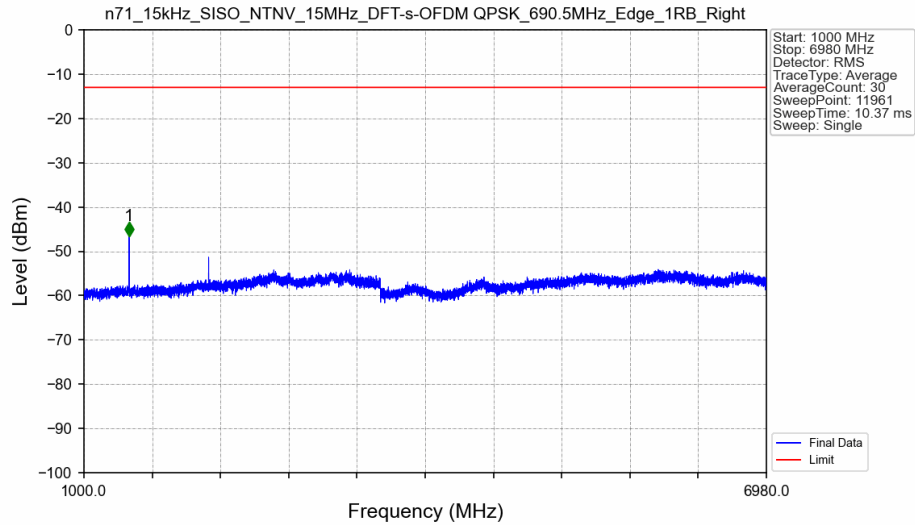






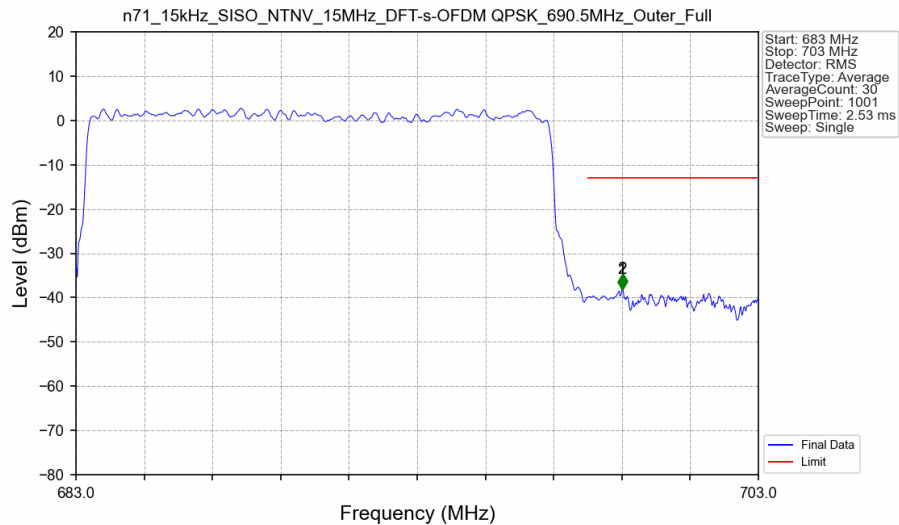
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	523.250	-67.28	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.300	-60.84	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_690.5MHz_Edge_1RB_Right_Ant0



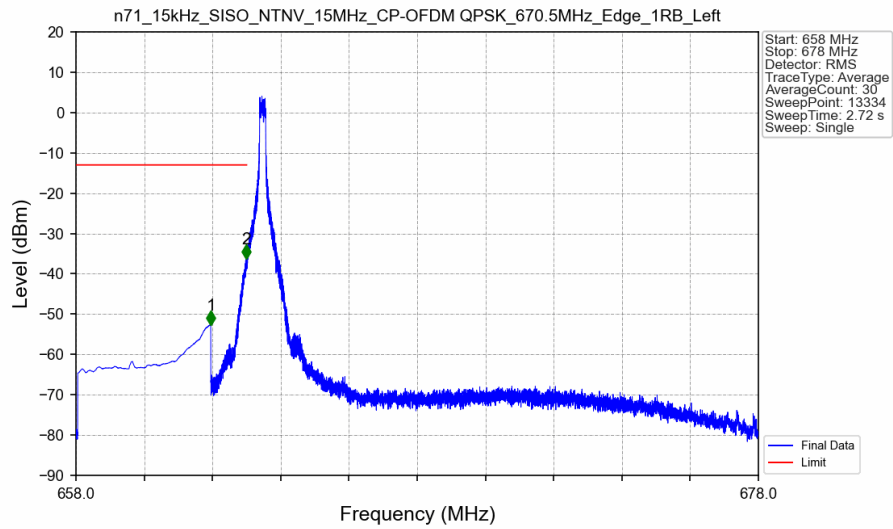
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1395.500	-46.48	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_690.5MHz_Outer_Full_Ant0



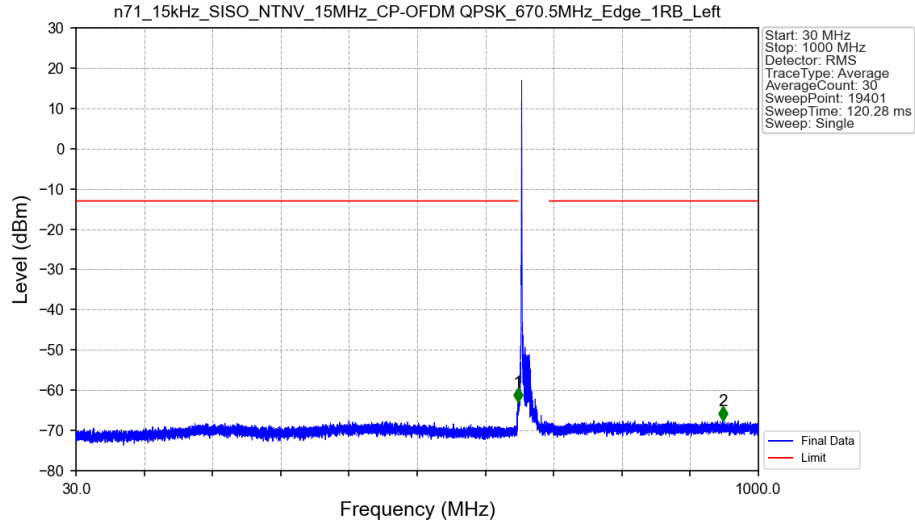
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.14355	CHP	/	/	/	/	/
698	699	0.14355	CHP	1	699.000	-38.11	-13	Pass
699	703	0.1	/	2	699.020	-37.86	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_670.5MHz_Edge_1RB_Left_Ant0



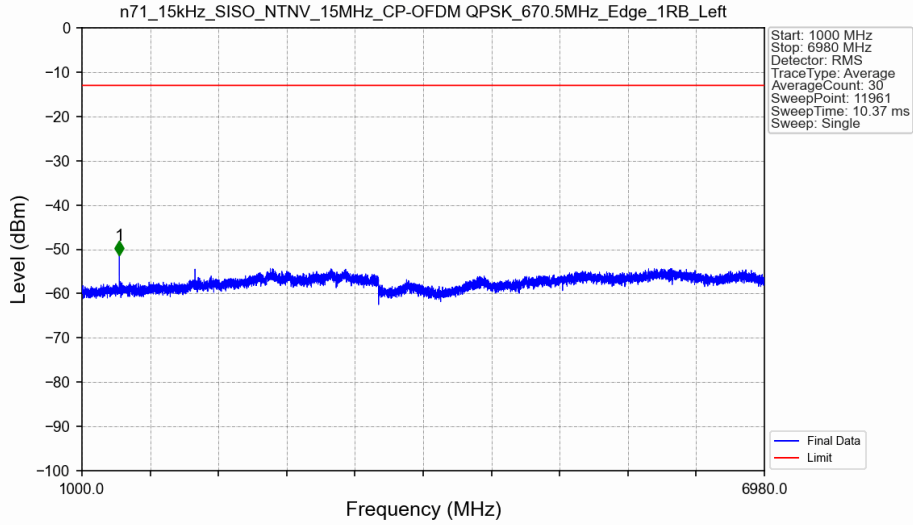
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.950	-52.62	-13	Pass
662	663	0.003	/	2	662.995	-36.33	-13	Pass
663	678	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_670.5MHz_Edge_1RB_Left_Ant0



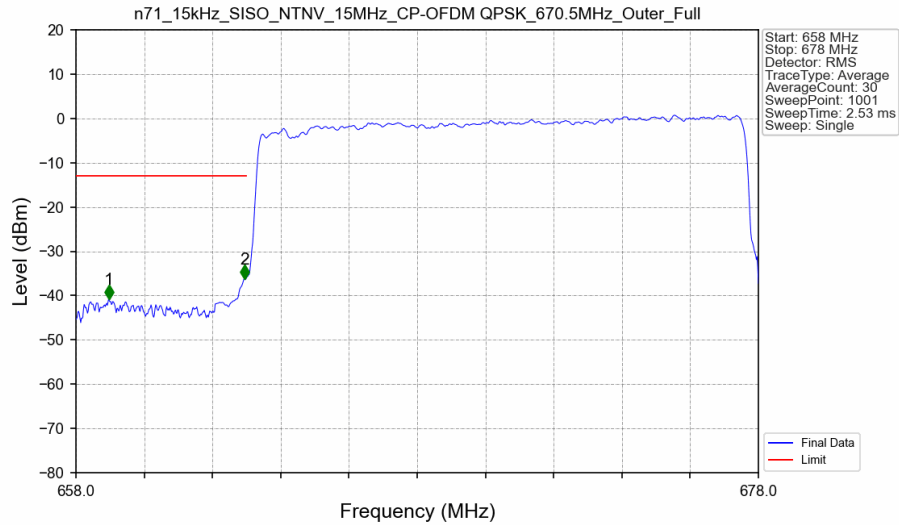
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.850	-62.86	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	949.300	-67.44	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK 670.5MHz_Edge_1RB_Left_Ant0

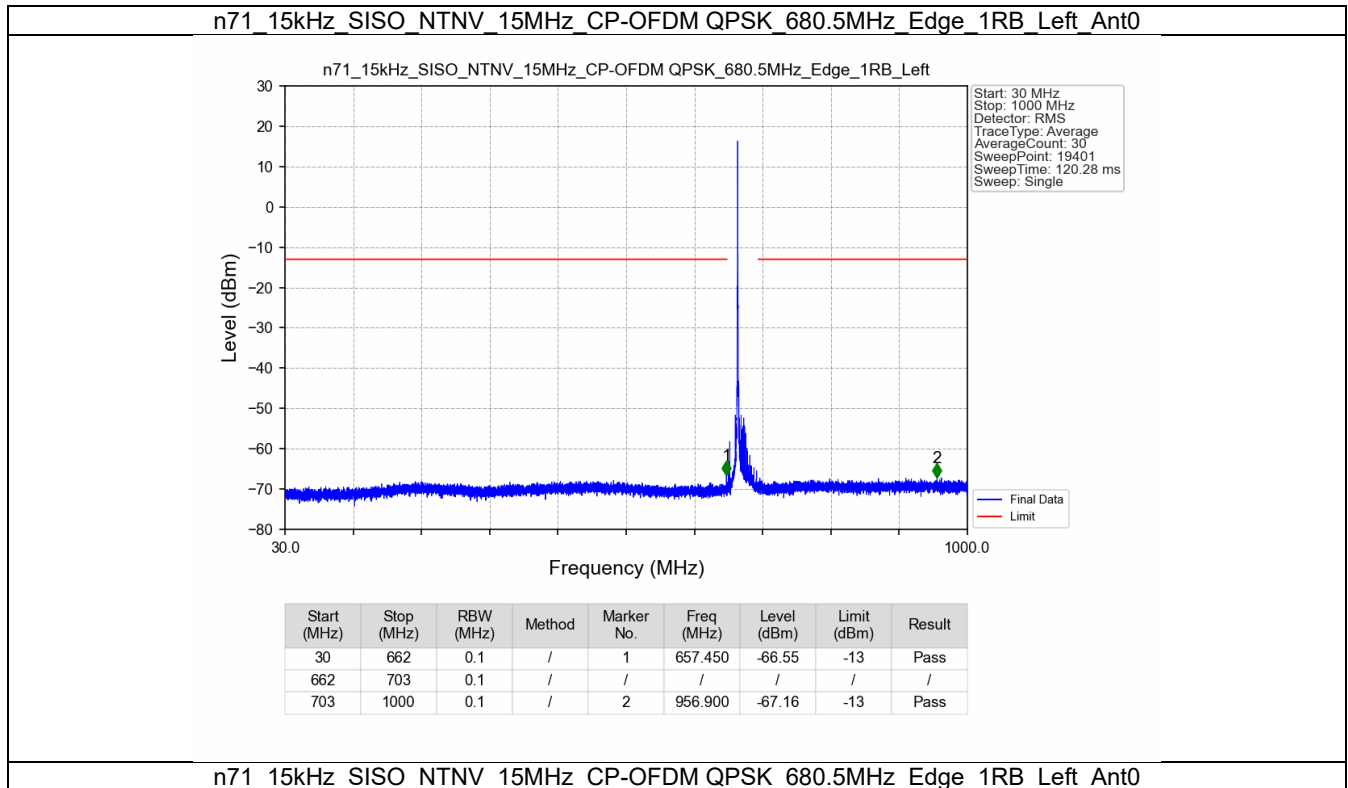


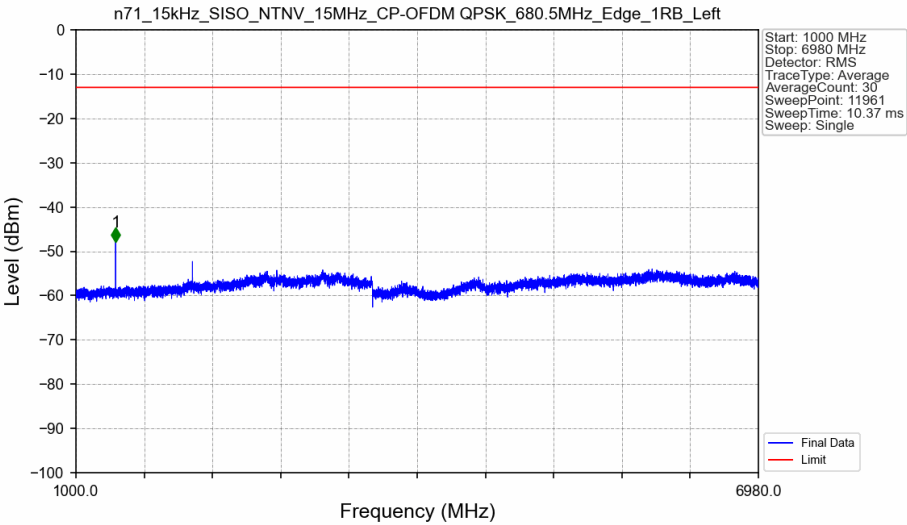
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1327.000	-51.35	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK 670.5MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	658.960	-40.70	-13	Pass
662	663	0.14355	CHP	2	662.940	-36.27	-13	Pass
663	678	0.14355	CHP	/	/	/	/	/





Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1347.000	-47.85	-13	Pass