

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 QPSK	665.5	Edge 1RB Left	22.15	/	/	7.80	/	/	<=34.77	Pass
		Edge 1RB Right	22.19	/	/	7.84	/	/	<=34.77	Pass
		Outer Full	22.33	/	/	7.98	/	/	<=34.77	Pass
		Inner Full	22.36	/	/	8.01	/	/	<=34.77	Pass
		Inner 1RB Left	22.24	/	/	7.89	/	/	<=34.77	Pass
		Inner 1RB Right	22.32	/	/	7.97	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.28	/	/	7.93	/	/	<=34.77	Pass
		Edge 1RB Right	22.29	/	/	7.94	/	/	<=34.77	Pass
		Outer Full	22.43	/	/	8.08	/	/	<=34.77	Pass
		Inner Full	22.37	/	/	8.02	/	/	<=34.77	Pass
		Inner 1RB Left	22.31	/	/	7.96	/	/	<=34.77	Pass
		Inner 1RB Right	22.35	/	/	8.00	/	/	<=34.77	Pass
	695.5	Edge 1RB Left	22.07	/	/	7.72	/	/	<=34.77	Pass
		Edge 1RB Right	22.15	/	/	7.80	/	/	<=34.77	Pass
		Outer Full	22.32	/	/	7.97	/	/	<=34.77	Pass
		Inner Full	22.24	/	/	7.89	/	/	<=34.77	Pass
		Inner 1RB Left	22.12	/	/	7.77	/	/	<=34.77	Pass
		Inner 1RB Right	22.16	/	/	7.81	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	665.5	Edge 1RB Left	22.20	/	/	7.85	/	/	<=34.77	Pass
		Edge 1RB Right	22.11	/	/	7.76	/	/	<=34.77	Pass
		Outer Full	22.34	/	/	7.99	/	/	<=34.77	Pass
		Inner Full	22.30	/	/	7.95	/	/	<=34.77	Pass
		Inner 1RB Left	22.07	/	/	7.72	/	/	<=34.77	Pass
		Inner 1RB Right	22.13	/	/	7.78	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.12	/	/	7.77	/	/	<=34.77	Pass
		Edge 1RB Right	22.16	/	/	7.81	/	/	<=34.77	Pass
		Outer Full	22.35	/	/	8.00	/	/	<=34.77	Pass
		Inner Full	22.24	/	/	7.89	/	/	<=34.77	Pass
		Inner 1RB Left	22.32	/	/	7.97	/	/	<=34.77	Pass
		Inner 1RB Right	22.29	/	/	7.94	/	/	<=34.77	Pass
	695.5	Edge 1RB Left	21.96	/	/	7.62	/	/	<=34.77	Pass
		Edge 1RB Right	22.07	/	/	7.72	/	/	<=34.77	Pass
		Outer Full	22.27	/	/	7.92	/	/	<=34.77	Pass
		Inner Full	22.17	/	/	7.82	/	/	<=34.77	Pass
		Inner 1RB Left	22.14	/	/	7.79	/	/	<=34.77	Pass
		Inner 1RB Right	22.21	/	/	7.86	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	665.5	Edge 1RB Left	22.69	/	/	8.34	/	/	<=34.77	Pass
		Edge 1RB Right	22.14	/	/	7.79	/	/	<=34.77	Pass
		Outer Full	22.24	/	/	7.89	/	/	<=34.77	Pass
		Inner Full	22.30	/	/	7.95	/	/	<=34.77	Pass
		Inner 1RB Left	22.73	/	/	8.38	/	/	<=34.77	Pass
		Inner 1RB Right	22.38	/	/	8.03	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.70	/	/	8.35	/	/	<=34.77	Pass
		Edge 1RB Right	22.76	/	/	8.41	/	/	<=34.77	Pass
		Outer Full	22.26	/	/	7.91	/	/	<=34.77	Pass
		Inner Full	22.25	/	/	7.90	/	/	<=34.77	Pass
		Inner 1RB Left	22.78	/	/	8.43	/	/	<=34.77	Pass

	695.5	Inner 1RB Right	22.76	/	/	8.41	/	/	<=34.77	Pass
		Edge 1RB Left	22.58	/	/	8.23	/	/	<=34.77	Pass
		Edge 1RB Right	22.73	/	/	8.38	/	/	<=34.77	Pass
		Outer Full	22.19	/	/	7.84	/	/	<=34.77	Pass
		Inner Full	22.19	/	/	7.84	/	/	<=34.77	Pass
		Inner 1RB Left	22.65	/	/	8.30	/	/	<=34.77	Pass
		Inner 1RB Right	22.63	/	/	8.28	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	665.5	Edge 1RB Left	21.56	/	/	7.21	/	/	<=34.77	Pass
		Edge 1RB Right	21.79	/	/	7.44	/	/	<=34.77	Pass
		Outer Full	21.86	/	/	7.51	/	/	<=34.77	Pass
		Inner Full	21.78	/	/	7.43	/	/	<=34.77	Pass
		Inner 1RB Left	21.56	/	/	7.21	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	21.78	/	/	7.43	/	/	<=34.77	Pass
		Edge 1RB Left	21.71	/	/	7.36	/	/	<=34.77	Pass
		Edge 1RB Right	21.68	/	/	7.33	/	/	<=34.77	Pass
		Outer Full	21.80	/	/	7.45	/	/	<=34.77	Pass
		Inner Full	21.79	/	/	7.44	/	/	<=34.77	Pass
	695.5	Inner 1RB Left	21.75	/	/	7.40	/	/	<=34.77	Pass
		Inner 1RB Right	21.83	/	/	7.48	/	/	<=34.77	Pass
		Edge 1RB Left	21.47	/	/	7.12	/	/	<=34.77	Pass
		Edge 1RB Right	21.53	/	/	7.18	/	/	<=34.77	Pass
		Outer Full	21.73	/	/	7.38	/	/	<=34.77	Pass
CP-OFDM QPSK	665.5	Inner Full	21.69	/	/	7.34	/	/	<=34.77	Pass
		Inner 1RB Left	21.52	/	/	7.17	/	/	<=34.77	Pass
		Inner 1RB Right	21.60	/	/	7.25	/	/	<=34.77	Pass
		Edge 1RB Left	22.15	/	/	7.80	/	/	<=34.77	Pass
		Edge 1RB Right	22.25	/	/	7.90	/	/	<=34.77	Pass
	680.5	Outer Full	22.33	/	/	7.98	/	/	<=34.77	Pass
		Inner Full	22.38	/	/	8.03	/	/	<=34.77	Pass
		Inner 1RB Left	22.19	/	/	7.84	/	/	<=34.77	Pass
		Inner 1RB Right	22.23	/	/	7.88	/	/	<=34.77	Pass
		Edge 1RB Left	22.25	/	/	7.90	/	/	<=34.77	Pass
	695.5	Edge 1RB Right	22.37	/	/	8.02	/	/	<=34.77	Pass
		Outer Full	22.42	/	/	8.07	/	/	<=34.77	Pass
		Inner Full	22.40	/	/	8.05	/	/	<=34.77	Pass
		Inner 1RB Left	22.33	/	/	7.98	/	/	<=34.77	Pass
		Inner 1RB Right	22.28	/	/	7.93	/	/	<=34.77	Pass
CP-OFDM 16 QAM	665.5	Edge 1RB Left	22.08	/	/	7.73	/	/	<=34.77	Pass
		Edge 1RB Right	22.25	/	/	7.90	/	/	<=34.77	Pass
		Outer Full	22.32	/	/	7.97	/	/	<=34.77	Pass
		Inner Full	22.34	/	/	7.99	/	/	<=34.77	Pass
		Inner 1RB Left	22.16	/	/	7.81	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	22.17	/	/	7.82	/	/	<=34.77	Pass
		Edge 1RB Left	22.16	/	/	7.81	/	/	<=34.77	Pass
		Edge 1RB Right	22.30	/	/	7.95	/	/	<=34.77	Pass
		Outer Full	22.37	/	/	8.02	/	/	<=34.77	Pass
		Inner Full	22.27	/	/	7.92	/	/	<=34.77	Pass
	695.5	Inner 1RB Left	22.21	/	/	7.86	/	/	<=34.77	Pass
		Inner 1RB Right	22.29	/	/	7.94	/	/	<=34.77	Pass
		Edge 1RB Left	22.34	/	/	7.99	/	/	<=34.77	Pass
		Edge 1RB Right	22.27	/	/	7.92	/	/	<=34.77	Pass
		Outer Full	22.34	/	/	7.99	/	/	<=34.77	Pass
	695.5	Inner Full	22.28	/	/	7.93	/	/	<=34.77	Pass
		Inner 1RB Left	22.32	/	/	7.97	/	/	<=34.77	Pass
		Inner 1RB Right	22.22	/	/	7.87	/	/	<=34.77	Pass
		Edge 1RB Left	22.09	/	/	7.74	/	/	<=34.77	Pass
		Edge 1RB Right	22.17	/	/	7.82	/	/	<=34.77	Pass
		Outer Full	22.26	/	/	7.91	/	/	<=34.77	Pass
		Inner Full	22.17	/	/	7.82	/	/	<=34.77	Pass

		Inner 1RB Left	22.16	/	/	7.81	/	/	<=34.77	Pass
		Inner 1RB Right	22.23	/	/	7.88	/	/	<=34.77	Pass
CP-OFDM 64 QAM	665.5	Edge 1RB Left	22.36	/	/	8.01	/	/	<=34.77	Pass
		Edge 1RB Right	22.52	/	/	8.17	/	/	<=34.77	Pass
		Outer Full	22.27	/	/	7.92	/	/	<=34.77	Pass
		Inner Full	22.24	/	/	7.89	/	/	<=34.77	Pass
		Inner 1RB Left	22.68	/	/	8.33	/	/	<=34.77	Pass
		Inner 1RB Right	22.63	/	/	8.28	/	/	<=34.77	Pass
		Edge 1RB Left	22.60	/	/	8.25	/	/	<=34.77	Pass
	680.5	Edge 1RB Right	22.51	/	/	8.16	/	/	<=34.77	Pass
		Outer Full	22.28	/	/	7.93	/	/	<=34.77	Pass
		Inner Full	22.26	/	/	7.91	/	/	<=34.77	Pass
		Inner 1RB Left	22.64	/	/	8.29	/	/	<=34.77	Pass
		Inner 1RB Right	22.65	/	/	8.30	/	/	<=34.77	Pass
		Edge 1RB Left	22.47	/	/	8.12	/	/	<=34.77	Pass
	695.5	Edge 1RB Right	22.60	/	/	8.25	/	/	<=34.77	Pass
		Outer Full	22.16	/	/	7.81	/	/	<=34.77	Pass
		Inner Full	22.20	/	/	7.85	/	/	<=34.77	Pass
		Inner 1RB Left	22.54	/	/	8.19	/	/	<=34.77	Pass
		Inner 1RB Right	22.60	/	/	8.25	/	/	<=34.77	Pass
CP-OFDM 256 QAM	665.5	Edge 1RB Left	21.54	/	/	7.19	/	/	<=34.77	Pass
		Edge 1RB Right	21.66	/	/	7.32	/	/	<=34.77	Pass
		Outer Full	21.82	/	/	7.47	/	/	<=34.77	Pass
		Inner Full	21.76	/	/	7.41	/	/	<=34.77	Pass
		Inner 1RB Left	21.56	/	/	7.21	/	/	<=34.77	Pass
		Inner 1RB Right	21.62	/	/	7.27	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.69	/	/	7.34	/	/	<=34.77	Pass
		Edge 1RB Right	21.71	/	/	7.36	/	/	<=34.77	Pass
		Outer Full	21.78	/	/	7.43	/	/	<=34.77	Pass
		Inner Full	21.77	/	/	7.42	/	/	<=34.77	Pass
		Inner 1RB Left	21.72	/	/	7.37	/	/	<=34.77	Pass
		Inner 1RB Right	21.82	/	/	7.47	/	/	<=34.77	Pass
	695.5	Edge 1RB Left	21.48	/	/	7.13	/	/	<=34.77	Pass
		Edge 1RB Right	21.48	/	/	7.13	/	/	<=34.77	Pass
		Outer Full	21.72	/	/	7.37	/	/	<=34.77	Pass
		Inner Full	21.67	/	/	7.32	/	/	<=34.77	Pass
		Inner 1RB Left	21.60	/	/	7.25	/	/	<=34.77	Pass
		Inner 1RB Right	21.60	/	/	7.25	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant0: -12.20dBi;										
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 QPSK	668	Edge 1RB Left	22.27	/	/	7.92	/	/	<=34.77	Pass
		Edge 1RB Right	22.34	/	/	7.99	/	/	<=34.77	Pass
		Outer Full	22.36	/	/	8.01	/	/	<=34.77	Pass
		Inner Full	22.26	/	/	7.91	/	/	<=34.77	Pass
		Inner 1RB Left	22.24	/	/	7.89	/	/	<=34.77	Pass
		Inner 1RB Right	22.36	/	/	8.01	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.44	/	/	8.09	/	/	<=34.77	Pass
		Edge 1RB Right	22.34	/	/	7.99	/	/	<=34.77	Pass
		Outer Full	22.48	/	/	8.13	/	/	<=34.77	Pass
		Inner Full	22.33	/	/	7.98	/	/	<=34.77	Pass
		Inner 1RB Left	22.41	/	/	8.06	/	/	<=34.77	Pass
		Inner 1RB Right	22.31	/	/	7.96	/	/	<=34.77	Pass

	693	Edge 1RB Left	22.25	/	/	7.90	/	/	<=34.77	Pass
		Edge 1RB Right	22.27	/	/	7.92	/	/	<=34.77	Pass
		Outer Full	22.37	/	/	8.02	/	/	<=34.77	Pass
		Inner Full	22.20	/	/	7.85	/	/	<=34.77	Pass
		Inner 1RB Left	22.31	/	/	7.96	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	668	Inner 1RB Right	22.24	/	/	7.89	/	/	<=34.77	Pass
		Edge 1RB Left	22.12	/	/	7.77	/	/	<=34.77	Pass
		Edge 1RB Right	22.24	/	/	7.89	/	/	<=34.77	Pass
		Outer Full	22.21	/	/	7.86	/	/	<=34.77	Pass
		Inner Full	22.29	/	/	7.94	/	/	<=34.77	Pass
		Inner 1RB Left	22.16	/	/	7.81	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	22.25	/	/	7.90	/	/	<=34.77	Pass
		Edge 1RB Left	22.27	/	/	7.92	/	/	<=34.77	Pass
		Edge 1RB Right	22.34	/	/	7.99	/	/	<=34.77	Pass
		Outer Full	22.28	/	/	7.93	/	/	<=34.77	Pass
		Inner Full	22.36	/	/	8.01	/	/	<=34.77	Pass
		Inner 1RB Left	22.29	/	/	7.94	/	/	<=34.77	Pass
	693	Inner 1RB Right	22.17	/	/	7.82	/	/	<=34.77	Pass
		Edge 1RB Left	22.14	/	/	7.79	/	/	<=34.77	Pass
		Edge 1RB Right	22.18	/	/	7.83	/	/	<=34.77	Pass
		Outer Full	22.24	/	/	7.89	/	/	<=34.77	Pass
		Inner Full	22.23	/	/	7.88	/	/	<=34.77	Pass
		Inner 1RB Left	22.21	/	/	7.86	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	668	Inner 1RB Right	22.11	/	/	7.76	/	/	<=34.77	Pass
		Edge 1RB Left	22.77	/	/	8.42	/	/	<=34.77	Pass
		Edge 1RB Right	22.80	/	/	8.45	/	/	<=34.77	Pass
		Outer Full	22.24	/	/	7.89	/	/	<=34.77	Pass
		Inner Full	22.21	/	/	7.86	/	/	<=34.77	Pass
		Inner 1RB Left	22.79	/	/	8.44	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	22.78	/	/	8.43	/	/	<=34.77	Pass
		Edge 1RB Left	22.14	/	/	7.79	/	/	<=34.77	Pass
		Edge 1RB Right	22.81	/	/	8.46	/	/	<=34.77	Pass
		Outer Full	22.27	/	/	7.92	/	/	<=34.77	Pass
		Inner Full	22.23	/	/	7.88	/	/	<=34.77	Pass
		Inner 1RB Left	22.41	/	/	8.06	/	/	<=34.77	Pass
	693	Inner 1RB Right	22.81	/	/	8.46	/	/	<=34.77	Pass
		Edge 1RB Left	22.75	/	/	8.40	/	/	<=34.77	Pass
		Edge 1RB Right	22.80	/	/	8.45	/	/	<=34.77	Pass
		Outer Full	22.23	/	/	7.88	/	/	<=34.77	Pass
		Inner Full	22.14	/	/	7.79	/	/	<=34.77	Pass
		Inner 1RB Left	22.77	/	/	8.42	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	668	Inner 1RB Right	22.66	/	/	8.31	/	/	<=34.77	Pass
		Edge 1RB Left	21.58	/	/	7.23	/	/	<=34.77	Pass
		Edge 1RB Right	21.75	/	/	7.40	/	/	<=34.77	Pass
		Outer Full	21.77	/	/	7.42	/	/	<=34.77	Pass
		Inner Full	21.77	/	/	7.42	/	/	<=34.77	Pass
		Inner 1RB Left	21.66	/	/	7.31	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	21.71	/	/	7.36	/	/	<=34.77	Pass
		Edge 1RB Left	21.75	/	/	7.40	/	/	<=34.77	Pass
		Edge 1RB Right	21.71	/	/	7.36	/	/	<=34.77	Pass
		Outer Full	21.85	/	/	7.50	/	/	<=34.77	Pass
		Inner Full	21.77	/	/	7.42	/	/	<=34.77	Pass
		Inner 1RB Left	21.77	/	/	7.42	/	/	<=34.77	Pass
	693	Inner 1RB Right	21.70	/	/	7.35	/	/	<=34.77	Pass
		Edge 1RB Left	21.77	/	/	7.42	/	/	<=34.77	Pass
		Edge 1RB Right	21.58	/	/	7.23	/	/	<=34.77	Pass
		Outer Full	21.77	/	/	7.42	/	/	<=34.77	Pass
		Inner Full	21.71	/	/	7.37	/	/	<=34.77	Pass
		Inner 1RB Left	21.71	/	/	7.36	/	/	<=34.77	Pass

		Inner 1RB Right	21.65	/	/	7.30	/	/	<=34.77	Pass
CP-OFDM QPSK	668	Edge 1RB Left	22.25	/	/	7.90	/	/	<=34.77	Pass
		Edge 1RB Right	22.35	/	/	8.00	/	/	<=34.77	Pass
		Outer Full	22.35	/	/	8.00	/	/	<=34.77	Pass
		Inner Full	22.28	/	/	7.93	/	/	<=34.77	Pass
		Inner 1RB Left	22.26	/	/	7.91	/	/	<=34.77	Pass
		Inner 1RB Right	22.33	/	/	7.98	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.36	/	/	8.01	/	/	<=34.77	Pass
		Edge 1RB Right	22.34	/	/	7.99	/	/	<=34.77	Pass
		Outer Full	22.40	/	/	8.05	/	/	<=34.77	Pass
		Inner Full	22.30	/	/	7.95	/	/	<=34.77	Pass
		Inner 1RB Left	22.38	/	/	8.03	/	/	<=34.77	Pass
		Inner 1RB Right	22.28	/	/	7.93	/	/	<=34.77	Pass
	693	Edge 1RB Left	22.35	/	/	8.00	/	/	<=34.77	Pass
		Edge 1RB Right	22.29	/	/	7.94	/	/	<=34.77	Pass
		Outer Full	22.35	/	/	8.00	/	/	<=34.77	Pass
		Inner Full	22.19	/	/	7.84	/	/	<=34.77	Pass
		Inner 1RB Left	22.35	/	/	8.00	/	/	<=34.77	Pass
		Inner 1RB Right	22.21	/	/	7.86	/	/	<=34.77	Pass
CP-OFDM 16 QAM	668	Edge 1RB Left	22.23	/	/	7.88	/	/	<=34.77	Pass
		Edge 1RB Right	22.38	/	/	8.03	/	/	<=34.77	Pass
		Outer Full	22.30	/	/	7.95	/	/	<=34.77	Pass
		Inner Full	22.25	/	/	7.90	/	/	<=34.77	Pass
		Inner 1RB Left	22.29	/	/	7.94	/	/	<=34.77	Pass
		Inner 1RB Right	22.58	/	/	8.23	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.38	/	/	8.03	/	/	<=34.77	Pass
		Edge 1RB Right	22.30	/	/	7.95	/	/	<=34.77	Pass
		Outer Full	22.34	/	/	7.99	/	/	<=34.77	Pass
		Inner Full	22.28	/	/	7.93	/	/	<=34.77	Pass
		Inner 1RB Left	22.59	/	/	8.24	/	/	<=34.77	Pass
		Inner 1RB Right	22.31	/	/	7.96	/	/	<=34.77	Pass
	693	Edge 1RB Left	22.32	/	/	7.97	/	/	<=34.77	Pass
		Edge 1RB Right	22.27	/	/	7.92	/	/	<=34.77	Pass
		Outer Full	22.26	/	/	7.91	/	/	<=34.77	Pass
		Inner Full	22.19	/	/	7.84	/	/	<=34.77	Pass
		Inner 1RB Left	22.30	/	/	7.95	/	/	<=34.77	Pass
		Inner 1RB Right	22.28	/	/	7.93	/	/	<=34.77	Pass
CP-OFDM 64 QAM	668	Edge 1RB Left	22.64	/	/	8.29	/	/	<=34.77	Pass
		Edge 1RB Right	22.69	/	/	8.34	/	/	<=34.77	Pass
		Outer Full	22.30	/	/	7.95	/	/	<=34.77	Pass
		Inner Full	22.26	/	/	7.91	/	/	<=34.77	Pass
		Inner 1RB Left	22.61	/	/	8.26	/	/	<=34.77	Pass
		Inner 1RB Right	22.65	/	/	8.30	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.61	/	/	8.26	/	/	<=34.77	Pass
		Edge 1RB Right	22.70	/	/	8.35	/	/	<=34.77	Pass
		Outer Full	22.29	/	/	7.94	/	/	<=34.77	Pass
		Inner Full	22.27	/	/	7.92	/	/	<=34.77	Pass
		Inner 1RB Left	22.65	/	/	8.30	/	/	<=34.77	Pass
		Inner 1RB Right	22.65	/	/	8.30	/	/	<=34.77	Pass
	693	Edge 1RB Left	22.66	/	/	8.31	/	/	<=34.77	Pass
		Edge 1RB Right	22.69	/	/	8.34	/	/	<=34.77	Pass
		Outer Full	22.25	/	/	7.90	/	/	<=34.77	Pass
		Inner Full	22.17	/	/	7.82	/	/	<=34.77	Pass
		Inner 1RB Left	22.65	/	/	8.30	/	/	<=34.77	Pass
		Inner 1RB Right	22.67	/	/	8.32	/	/	<=34.77	Pass
CP-OFDM 256 QAM	668	Edge 1RB Left	21.63	/	/	7.28	/	/	<=34.77	Pass
		Edge 1RB Right	21.78	/	/	7.43	/	/	<=34.77	Pass
		Outer Full	21.81	/	/	7.46	/	/	<=34.77	Pass
		Inner Full	21.79	/	/	7.44	/	/	<=34.77	Pass

		Inner 1RB Left	21.67	/	/	7.32	/	/	<=34.77	Pass
		Inner 1RB Right	21.79	/	/	7.44	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.68	/	/	7.33	/	/	<=34.77	Pass
		Edge 1RB Right	21.67	/	/	7.32	/	/	<=34.77	Pass
		Outer_Full	21.78	/	/	7.43	/	/	<=34.77	Pass
		Inner_Full	21.75	/	/	7.40	/	/	<=34.77	Pass
		Inner 1RB Left	21.73	/	/	7.38	/	/	<=34.77	Pass
		Inner 1RB Right	21.67	/	/	7.32	/	/	<=34.77	Pass
	693	Edge 1RB Left	21.57	/	/	7.22	/	/	<=34.77	Pass
		Edge 1RB Right	21.58	/	/	7.23	/	/	<=34.77	Pass
		Outer_Full	21.77	/	/	7.42	/	/	<=34.77	Pass
		Inner_Full	21.67	/	/	7.32	/	/	<=34.77	Pass
		Inner 1RB Left	21.64	/	/	7.29	/	/	<=34.77	Pass
		Inner 1RB Right	21.64	/	/	7.29	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant0: -12.20dBi; 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 QPSK	670.5	Edge 1RB Left	22.11	/	/	7.76	/	/	<=34.77	Pass
		Edge 1RB Right	22.40	/	/	8.05	/	/	<=34.77	Pass
		Outer Full	22.47	/	/	8.12	/	/	<=34.77	Pass
		Inner Full	22.34	/	/	7.99	/	/	<=34.77	Pass
		Inner 1RB Left	22.13	/	/	7.78	/	/	<=34.77	Pass
		Inner 1RB Right	22.28	/	/	7.93	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.16	/	/	7.81	/	/	<=34.77	Pass
		Edge 1RB Right	22.13	/	/	7.78	/	/	<=34.77	Pass
		Outer Full	22.48	/	/	8.13	/	/	<=34.77	Pass
		Inner Full	22.35	/	/	8.00	/	/	<=34.77	Pass
		Inner 1RB Left	22.33	/	/	7.98	/	/	<=34.77	Pass
		Inner 1RB Right	22.28	/	/	7.93	/	/	<=34.77	Pass
	690.5	Edge 1RB Left	22.18	/	/	7.83	/	/	<=34.77	Pass
		Edge 1RB Right	22.06	/	/	7.71	/	/	<=34.77	Pass
		Outer Full	22.40	/	/	8.05	/	/	<=34.77	Pass
		Inner Full	22.25	/	/	7.90	/	/	<=34.77	Pass
		Inner 1RB Left	22.24	/	/	7.89	/	/	<=34.77	Pass
		Inner 1RB Right	22.23	/	/	7.88	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	670.5	Edge 1RB Left	21.99	/	/	7.64	/	/	<=34.77	Pass
		Edge 1RB Right	22.19	/	/	7.84	/	/	<=34.77	Pass
		Outer Full	22.38	/	/	8.03	/	/	<=34.77	Pass
		Inner Full	22.33	/	/	7.98	/	/	<=34.77	Pass
		Inner 1RB Left	22.06	/	/	7.71	/	/	<=34.77	Pass
		Inner 1RB Right	22.17	/	/	7.82	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.03	/	/	7.68	/	/	<=34.77	Pass
		Edge 1RB Right	21.99	/	/	7.64	/	/	<=34.77	Pass
		Outer Full	22.35	/	/	8.00	/	/	<=34.77	Pass
		Inner Full	22.30	/	/	7.95	/	/	<=34.77	Pass
		Inner 1RB Left	22.50	/	/	8.15	/	/	<=34.77	Pass
		Inner 1RB Right	22.02	/	/	7.67	/	/	<=34.77	Pass
	690.5	Edge 1RB Left	22.00	/	/	7.65	/	/	<=34.77	Pass
		Edge 1RB Right	21.95	/	/	7.60	/	/	<=34.77	Pass
		Outer Full	22.31	/	/	7.96	/	/	<=34.77	Pass
		Inner Full	22.27	/	/	7.92	/	/	<=34.77	Pass
		Inner 1RB Left	22.08	/	/	7.73	/	/	<=34.77	Pass
		Inner 1RB Right	21.99	/	/	7.64	/	/	<=34.77	Pass

DFT-s-OFDM 64 QAM	670.5	Edge 1RB Left	22.65	/	/	8.30	/	/	<=34.77	Pass
		Edge 1RB Right	22.69	/	/	8.34	/	/	<=34.77	Pass
		Outer Full	22.36	/	/	8.01	/	/	<=34.77	Pass
		Inner Full	22.34	/	/	7.99	/	/	<=34.77	Pass
		Inner 1RB Left	22.72	/	/	8.37	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	22.68	/	/	8.33	/	/	<=34.77	Pass
		Edge 1RB Left	22.58	/	/	8.23	/	/	<=34.77	Pass
		Edge 1RB Right	22.64	/	/	8.30	/	/	<=34.77	Pass
		Outer Full	22.34	/	/	7.99	/	/	<=34.77	Pass
		Inner Full	22.36	/	/	8.01	/	/	<=34.77	Pass
	690.5	Inner 1RB Left	22.23	/	/	7.88	/	/	<=34.77	Pass
		Inner 1RB Right	22.67	/	/	8.32	/	/	<=34.77	Pass
		Edge 1RB Left	22.65	/	/	8.30	/	/	<=34.77	Pass
		Edge 1RB Right	22.73	/	/	8.38	/	/	<=34.77	Pass
		Outer Full	22.31	/	/	7.96	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	670.5	Inner Full	22.25	/	/	7.90	/	/	<=34.77	Pass
		Inner 1RB Left	22.70	/	/	8.35	/	/	<=34.77	Pass
		Inner 1RB Right	22.75	/	/	8.40	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.50	/	/	7.15	/	/	<=34.77	Pass
		Edge 1RB Right	21.80	/	/	7.45	/	/	<=34.77	Pass
		Outer Full	21.91	/	/	7.56	/	/	<=34.77	Pass
		Inner Full	21.87	/	/	7.52	/	/	<=34.77	Pass
	690.5	Inner 1RB Left	21.47	/	/	7.12	/	/	<=34.77	Pass
		Inner 1RB Right	21.68	/	/	7.33	/	/	<=34.77	Pass
		Edge 1RB Left	21.57	/	/	7.22	/	/	<=34.77	Pass
		Edge 1RB Right	21.59	/	/	7.24	/	/	<=34.77	Pass
		Outer Full	21.81	/	/	7.46	/	/	<=34.77	Pass
CP-OFDM QPSK	670.5	Inner Full	21.87	/	/	7.52	/	/	<=34.77	Pass
		Inner 1RB Left	21.66	/	/	7.31	/	/	<=34.77	Pass
		Inner 1RB Right	21.69	/	/	7.34	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.54	/	/	7.19	/	/	<=34.77	Pass
		Edge 1RB Right	21.48	/	/	7.13	/	/	<=34.77	Pass
		Outer Full	21.81	/	/	7.46	/	/	<=34.77	Pass
	690.5	Inner Full	21.79	/	/	7.44	/	/	<=34.77	Pass
		Inner 1RB Left	21.54	/	/	7.19	/	/	<=34.77	Pass
		Inner 1RB Right	21.51	/	/	7.16	/	/	<=34.77	Pass
CP-OFDM 16 QAM	670.5	Edge 1RB Left	22.13	/	/	7.78	/	/	<=34.77	Pass
		Edge 1RB Right	22.31	/	/	7.96	/	/	<=34.77	Pass
		Outer Full	22.43	/	/	8.08	/	/	<=34.77	Pass
		Inner Full	22.32	/	/	7.97	/	/	<=34.77	Pass
	680.5	Inner 1RB Left	22.16	/	/	7.81	/	/	<=34.77	Pass
		Inner 1RB Right	22.29	/	/	7.94	/	/	<=34.77	Pass
		Edge 1RB Left	22.19	/	/	7.84	/	/	<=34.77	Pass
		Edge 1RB Right	22.21	/	/	7.86	/	/	<=34.77	Pass
		Outer Full	22.47	/	/	8.12	/	/	<=34.77	Pass
	690.5	Inner Full	22.34	/	/	7.99	/	/	<=34.77	Pass
		Inner 1RB Left	22.22	/	/	7.87	/	/	<=34.77	Pass
		Inner 1RB Right	22.18	/	/	7.83	/	/	<=34.77	Pass
		Edge 1RB Left	22.17	/	/	7.82	/	/	<=34.77	Pass
		Edge 1RB Right	22.10	/	/	7.75	/	/	<=34.77	Pass
CP-OFDM 16 QAM	670.5	Outer Full	22.38	/	/	8.03	/	/	<=34.77	Pass
		Inner Full	22.26	/	/	7.91	/	/	<=34.77	Pass
		Inner 1RB Left	22.24	/	/	7.89	/	/	<=34.77	Pass
		Inner 1RB Right	22.12	/	/	7.77	/	/	<=34.77	Pass
		Edge 1RB Left	22.13	/	/	7.78	/	/	<=34.77	Pass
CP-OFDM 16 QAM	670.5	Edge 1RB Right	22.30	/	/	7.95	/	/	<=34.77	Pass
		Outer Full	22.39	/	/	8.04	/	/	<=34.77	Pass
		Inner Full	22.35	/	/	8.00	/	/	<=34.77	Pass
		Inner 1RB Left	22.14	/	/	7.79	/	/	<=34.77	Pass
		Inner 1RB Right	22.14	/	/	7.79	/	/	<=34.77	Pass

		Inner 1RB Right	22.18	/	/	7.83	/	/	<=34.77	Pass
		Edge 1RB Left	22.18	/	/	7.83	/	/	<=34.77	Pass
		Edge 1RB Right	22.15	/	/	7.80	/	/	<=34.77	Pass
		Outer_Full	22.36	/	/	8.01	/	/	<=34.77	Pass
		Inner_Full	22.34	/	/	7.99	/	/	<=34.77	Pass
		Inner 1RB Left	22.27	/	/	7.92	/	/	<=34.77	Pass
		Inner 1RB Right	22.21	/	/	7.86	/	/	<=34.77	Pass
		Edge 1RB Left	22.12	/	/	7.77	/	/	<=34.77	Pass
		Edge 1RB Right	22.08	/	/	7.73	/	/	<=34.77	Pass
		Outer_Full	22.28	/	/	7.93	/	/	<=34.77	Pass
		Inner_Full	22.31	/	/	7.96	/	/	<=34.77	Pass
		Inner 1RB Left	22.07	/	/	7.72	/	/	<=34.77	Pass
CP-OFDM 64 QAM		Inner 1RB Right	22.13	/	/	7.78	/	/	<=34.77	Pass
		Edge 1RB Left	22.53	/	/	8.18	/	/	<=34.77	Pass
		Edge 1RB Right	22.45	/	/	8.10	/	/	<=34.77	Pass
		Outer_Full	22.38	/	/	8.03	/	/	<=34.77	Pass
		Inner_Full	22.30	/	/	7.95	/	/	<=34.77	Pass
		Inner 1RB Left	22.54	/	/	8.19	/	/	<=34.77	Pass
		Inner 1RB Right	22.61	/	/	8.26	/	/	<=34.77	Pass
		Edge 1RB Left	22.47	/	/	8.12	/	/	<=34.77	Pass
		Edge 1RB Right	22.53	/	/	8.18	/	/	<=34.77	Pass
		Outer_Full	22.39	/	/	8.04	/	/	<=34.77	Pass
		Inner_Full	22.32	/	/	7.97	/	/	<=34.77	Pass
		Inner 1RB Left	22.53	/	/	8.18	/	/	<=34.77	Pass
CP-OFDM 256 QAM		Inner 1RB Right	22.57	/	/	8.22	/	/	<=34.77	Pass
		Edge 1RB Left	22.47	/	/	8.12	/	/	<=34.77	Pass
		Edge 1RB Right	22.50	/	/	8.15	/	/	<=34.77	Pass
		Outer_Full	22.28	/	/	7.93	/	/	<=34.77	Pass
		Inner_Full	22.19	/	/	7.84	/	/	<=34.77	Pass
		Inner 1RB Left	22.54	/	/	8.19	/	/	<=34.77	Pass
		Inner 1RB Right	22.66	/	/	8.31	/	/	<=34.77	Pass
		Edge 1RB Left	21.49	/	/	7.14	/	/	<=34.77	Pass
		Edge 1RB Right	21.81	/	/	7.46	/	/	<=34.77	Pass
		Outer_Full	21.89	/	/	7.54	/	/	<=34.77	Pass
		Inner_Full	21.86	/	/	7.51	/	/	<=34.77	Pass
		Inner 1RB Left	21.56	/	/	7.21	/	/	<=34.77	Pass
CP-OFDM 64 QAM		Inner 1RB Right	21.69	/	/	7.34	/	/	<=34.77	Pass
		Edge 1RB Left	21.71	/	/	7.36	/	/	<=34.77	Pass
		Edge 1RB Right	21.59	/	/	7.24	/	/	<=34.77	Pass
		Outer_Full	21.88	/	/	7.53	/	/	<=34.77	Pass
		Inner_Full	21.91	/	/	7.56	/	/	<=34.77	Pass
		Inner 1RB Left	21.61	/	/	7.26	/	/	<=34.77	Pass
		Inner 1RB Right	21.58	/	/	7.23	/	/	<=34.77	Pass
		Edge 1RB Left	21.51	/	/	7.16	/	/	<=34.77	Pass
		Edge 1RB Right	21.59	/	/	7.24	/	/	<=34.77	Pass
		Outer_Full	21.77	/	/	7.42	/	/	<=34.77	Pass
		Inner_Full	21.73	/	/	7.38	/	/	<=34.77	Pass
		Inner 1RB Left	21.49	/	/	7.14	/	/	<=34.77	Pass
		Inner 1RB Right	21.48	/	/	7.13	/	/	<=34.77	Pass
		Inner 1RB Right	21.48	/	/	7.13	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant0: -12.20dBi; 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 QPSK	673	Edge 1RB Left	22.11	/	/	7.76	/	/	<=34.77	Pass

		Edge_1RB_Right	22.30	/	/	7.95	/	/	<=34.77	Pass
		Outer_Full	22.48	/	/	8.13	/	/	<=34.77	Pass
		Inner_Full	22.42	/	/	8.07	/	/	<=34.77	Pass
		Inner_1RB_Left	22.14	/	/	7.79	/	/	<=34.77	Pass
	680.5	Inner_1RB_Right	22.27	/	/	7.92	/	/	<=34.77	Pass
		Edge_1RB_Left	22.17	/	/	7.82	/	/	<=34.77	Pass
		Edge_1RB_Right	22.21	/	/	7.86	/	/	<=34.77	Pass
		Outer_Full	22.39	/	/	8.04	/	/	<=34.77	Pass
		Inner_Full	22.38	/	/	8.03	/	/	<=34.77	Pass
		Inner_1RB_Left	22.21	/	/	7.86	/	/	<=34.77	Pass
		Inner_1RB_Right	22.20	/	/	7.85	/	/	<=34.77	Pass
	688	Edge_1RB_Left	22.24	/	/	7.89	/	/	<=34.77	Pass
		Edge_1RB_Right	22.16	/	/	7.81	/	/	<=34.77	Pass
		Outer_Full	22.32	/	/	7.97	/	/	<=34.77	Pass
		Inner_Full	22.25	/	/	7.90	/	/	<=34.77	Pass
		Inner_1RB_Left	22.22	/	/	7.87	/	/	<=34.77	Pass
		Inner_1RB_Right	22.20	/	/	7.85	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	673	Edge_1RB_Left	21.98	/	/	7.63	/	/	<=34.77	Pass
		Edge_1RB_Right	22.14	/	/	7.79	/	/	<=34.77	Pass
		Outer_Full	22.43	/	/	8.08	/	/	<=34.77	Pass
		Inner_Full	22.29	/	/	7.94	/	/	<=34.77	Pass
		Inner_1RB_Left	22.01	/	/	7.66	/	/	<=34.77	Pass
		Inner_1RB_Right	22.20	/	/	7.85	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	22.07	/	/	7.72	/	/	<=34.77	Pass
		Edge_1RB_Right	22.03	/	/	7.68	/	/	<=34.77	Pass
		Outer_Full	22.32	/	/	7.98	/	/	<=34.77	Pass
		Inner_Full	22.32	/	/	7.97	/	/	<=34.77	Pass
		Inner_1RB_Left	22.10	/	/	7.75	/	/	<=34.77	Pass
		Inner_1RB_Right	22.06	/	/	7.71	/	/	<=34.77	Pass
	688	Edge_1RB_Left	22.11	/	/	7.76	/	/	<=34.77	Pass
		Edge_1RB_Right	22.20	/	/	7.85	/	/	<=34.77	Pass
		Outer_Full	22.23	/	/	7.88	/	/	<=34.77	Pass
		Inner_Full	22.19	/	/	7.84	/	/	<=34.77	Pass
		Inner_1RB_Left	22.10	/	/	7.75	/	/	<=34.77	Pass
		Inner_1RB_Right	22.01	/	/	7.66	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	673	Edge_1RB_Left	22.60	/	/	8.25	/	/	<=34.77	Pass
		Edge_1RB_Right	22.75	/	/	8.40	/	/	<=34.77	Pass
		Outer_Full	22.31	/	/	7.96	/	/	<=34.77	Pass
		Inner_Full	22.33	/	/	7.98	/	/	<=34.77	Pass
		Inner_1RB_Left	22.69	/	/	8.34	/	/	<=34.77	Pass
		Inner_1RB_Right	22.73	/	/	8.38	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	22.61	/	/	8.26	/	/	<=34.77	Pass
		Edge_1RB_Right	22.43	/	/	8.08	/	/	<=34.77	Pass
		Outer_Full	22.30	/	/	7.95	/	/	<=34.77	Pass
		Inner_Full	22.35	/	/	8.00	/	/	<=34.77	Pass
		Inner_1RB_Left	22.64	/	/	8.29	/	/	<=34.77	Pass
		Inner_1RB_Right	22.68	/	/	8.33	/	/	<=34.77	Pass
	688	Edge_1RB_Left	22.64	/	/	8.29	/	/	<=34.77	Pass
		Edge_1RB_Right	22.12	/	/	7.77	/	/	<=34.77	Pass
		Outer_Full	22.20	/	/	7.85	/	/	<=34.77	Pass
		Inner_Full	22.24	/	/	7.89	/	/	<=34.77	Pass
		Inner_1RB_Left	22.66	/	/	8.31	/	/	<=34.77	Pass
		Inner_1RB_Right	22.72	/	/	8.37	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	673	Edge_1RB_Left	21.45	/	/	7.10	/	/	<=34.77	Pass
		Edge_1RB_Right	21.66	/	/	7.31	/	/	<=34.77	Pass
		Outer_Full	21.86	/	/	7.51	/	/	<=34.77	Pass
		Inner_Full	21.86	/	/	7.51	/	/	<=34.77	Pass
		Inner_1RB_Left	21.50	/	/	7.15	/	/	<=34.77	Pass
		Inner_1RB_Right	21.66	/	/	7.31	/	/	<=34.77	Pass

	680.5	Edge 1RB Left	21.61	/	/	7.26	/	/	<=34.77	Pass
		Edge 1RB Right	21.55	/	/	7.20	/	/	<=34.77	Pass
		Outer Full	21.81	/	/	7.46	/	/	<=34.77	Pass
		Inner Full	21.89	/	/	7.54	/	/	<=34.77	Pass
		Inner 1RB Left	21.64	/	/	7.29	/	/	<=34.77	Pass
		Inner 1RB Right	21.57	/	/	7.22	/	/	<=34.77	Pass
	688	Edge 1RB Left	21.57	/	/	7.22	/	/	<=34.77	Pass
		Edge 1RB Right	21.50	/	/	7.15	/	/	<=34.77	Pass
		Outer Full	21.73	/	/	7.38	/	/	<=34.77	Pass
		Inner Full	21.76	/	/	7.41	/	/	<=34.77	Pass
		Inner 1RB Left	21.64	/	/	7.29	/	/	<=34.77	Pass
		Inner 1RB Right	21.53	/	/	7.18	/	/	<=34.77	Pass
CP-OFDM QPSK	673	Edge 1RB Left	22.07	/	/	7.72	/	/	<=34.77	Pass
		Edge 1RB Right	22.19	/	/	7.84	/	/	<=34.77	Pass
		Outer Full	22.41	/	/	8.06	/	/	<=34.77	Pass
		Inner Full	22.39	/	/	8.04	/	/	<=34.77	Pass
		Inner 1RB Left	22.15	/	/	7.80	/	/	<=34.77	Pass
		Inner 1RB Right	22.25	/	/	7.90	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.26	/	/	7.91	/	/	<=34.77	Pass
		Edge 1RB Right	22.13	/	/	7.78	/	/	<=34.77	Pass
		Outer Full	22.38	/	/	8.03	/	/	<=34.77	Pass
		Inner Full	22.38	/	/	8.03	/	/	<=34.77	Pass
		Inner 1RB Left	22.22	/	/	7.87	/	/	<=34.77	Pass
		Inner 1RB Right	22.17	/	/	7.82	/	/	<=34.77	Pass
	688	Edge 1RB Left	22.21	/	/	7.86	/	/	<=34.77	Pass
		Edge 1RB Right	22.18	/	/	7.83	/	/	<=34.77	Pass
		Outer Full	22.25	/	/	7.90	/	/	<=34.77	Pass
		Inner Full	22.26	/	/	7.91	/	/	<=34.77	Pass
		Inner 1RB Left	22.20	/	/	7.85	/	/	<=34.77	Pass
		Inner 1RB Right	22.13	/	/	7.78	/	/	<=34.77	Pass
CP-OFDM 16 QAM	673	Edge 1RB Left	22.11	/	/	7.76	/	/	<=34.77	Pass
		Edge 1RB Right	22.27	/	/	7.92	/	/	<=34.77	Pass
		Outer Full	22.30	/	/	7.96	/	/	<=34.77	Pass
		Inner Full	22.40	/	/	8.05	/	/	<=34.77	Pass
		Inner 1RB Left	22.11	/	/	7.76	/	/	<=34.77	Pass
		Inner 1RB Right	22.16	/	/	7.81	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.22	/	/	7.87	/	/	<=34.77	Pass
		Edge 1RB Right	22.19	/	/	7.84	/	/	<=34.77	Pass
		Outer Full	22.35	/	/	8.00	/	/	<=34.77	Pass
		Inner Full	22.41	/	/	8.06	/	/	<=34.77	Pass
		Inner 1RB Left	22.22	/	/	7.87	/	/	<=34.77	Pass
		Inner 1RB Right	22.20	/	/	7.85	/	/	<=34.77	Pass
	688	Edge 1RB Left	22.16	/	/	7.81	/	/	<=34.77	Pass
		Edge 1RB Right	22.14	/	/	7.79	/	/	<=34.77	Pass
		Outer Full	22.19	/	/	7.84	/	/	<=34.77	Pass
		Inner Full	22.24	/	/	7.89	/	/	<=34.77	Pass
		Inner 1RB Left	22.23	/	/	7.88	/	/	<=34.77	Pass
		Inner 1RB Right	22.14	/	/	7.79	/	/	<=34.77	Pass
CP-OFDM 64 QAM	673	Edge 1RB Left	22.49	/	/	8.14	/	/	<=34.77	Pass
		Edge 1RB Right	22.58	/	/	8.23	/	/	<=34.77	Pass
		Outer Full	22.36	/	/	8.01	/	/	<=34.77	Pass
		Inner Full	22.35	/	/	8.00	/	/	<=34.77	Pass
		Inner 1RB Left	22.53	/	/	8.18	/	/	<=34.77	Pass
		Inner 1RB Right	22.61	/	/	8.26	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.34	/	/	7.99	/	/	<=34.77	Pass
		Edge 1RB Right	22.55	/	/	8.20	/	/	<=34.77	Pass
		Outer Full	22.31	/	/	7.96	/	/	<=34.77	Pass
		Inner Full	22.35	/	/	8.00	/	/	<=34.77	Pass
		Inner 1RB Left	22.55	/	/	8.21	/	/	<=34.77	Pass

	688	Inner_1RB_Right	22.56	/	/	8.21	/	/	<=34.77	Pass	
		Edge_1RB_Left	22.54	/	/	8.19	/	/	<=34.77	Pass	
		Edge_1RB_Right	22.53	/	/	8.18	/	/	<=34.77	Pass	
		Outer_Full	22.19	/	/	7.84	/	/	<=34.77	Pass	
		Inner_Full	22.22	/	/	7.87	/	/	<=34.77	Pass	
		Inner_1RB_Left	22.57	/	/	8.22	/	/	<=34.77	Pass	
		Inner_1RB_Right	22.56	/	/	8.21	/	/	<=34.77	Pass	
CP-OFDM 256 QAM	673	Edge_1RB_Left	21.60	/	/	7.25	/	/	<=34.77	Pass	
		Edge_1RB_Right	21.64	/	/	7.30	/	/	<=34.77	Pass	
		Outer_Full	21.87	/	/	7.52	/	/	<=34.77	Pass	
		Inner_Full	21.88	/	/	7.53	/	/	<=34.77	Pass	
		Inner_1RB_Left	21.63	/	/	7.28	/	/	<=34.77	Pass	
		Inner_1RB_Right	21.66	/	/	7.31	/	/	<=34.77	Pass	
	680.5	Edge_1RB_Left	21.52	/	/	7.17	/	/	<=34.77	Pass	
		Edge_1RB_Right	21.57	/	/	7.22	/	/	<=34.77	Pass	
		Outer_Full	21.85	/	/	7.50	/	/	<=34.77	Pass	
		Inner_Full	21.90	/	/	7.55	/	/	<=34.77	Pass	
		Inner_1RB_Left	21.55	/	/	7.20	/	/	<=34.77	Pass	
		Inner_1RB_Right	21.73	/	/	7.38	/	/	<=34.77	Pass	
	688	Edge_1RB_Left	21.62	/	/	7.27	/	/	<=34.77	Pass	
		Edge_1RB_Right	21.48	/	/	7.13	/	/	<=34.77	Pass	
		Outer_Full	21.74	/	/	7.39	/	/	<=34.77	Pass	
		Inner_Full	21.75	/	/	7.40	/	/	<=34.77	Pass	
		Inner_1RB_Left	21.64	/	/	7.30	/	/	<=34.77	Pass	
		Inner_1RB_Right	21.53	/	/	7.18	/	/	<=34.77	Pass	
	Note1: Antenna Gain: Ant0: -12.20dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.5 15_S_25M_NTNV_ERP

5G NR n71 SCS=15kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	675.5	Edge 1RB Left	21.71	/	/	7.36	/	/	<=34.77	Pass
		Edge 1RB Right	21.72	/	/	7.37	/	/	<=34.77	Pass
		Outer Full	22.01	/	/	7.66	/	/	<=34.77	Pass
		Inner Full	21.93	/	/	7.58	/	/	<=34.77	Pass
		Inner 1RB Left	21.77	/	/	7.42	/	/	<=34.77	Pass
		Inner 1RB Right	21.83	/	/	7.48	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.71	/	/	7.36	/	/	<=34.77	Pass
		Edge 1RB Right	21.68	/	/	7.33	/	/	<=34.77	Pass
		Outer Full	21.95	/	/	7.60	/	/	<=34.77	Pass
		Inner Full	21.88	/	/	7.53	/	/	<=34.77	Pass
		Inner 1RB Left	21.78	/	/	7.43	/	/	<=34.77	Pass
		Inner 1RB Right	21.71	/	/	7.36	/	/	<=34.77	Pass
	685.5	Edge 1RB Left	21.74	/	/	7.39	/	/	<=34.77	Pass
		Edge 1RB Right	21.70	/	/	7.35	/	/	<=34.77	Pass
		Outer Full	21.80	/	/	7.45	/	/	<=34.77	Pass
		Inner Full	21.87	/	/	7.52	/	/	<=34.77	Pass
		Inner 1RB Left	21.80	/	/	7.45	/	/	<=34.77	Pass
		Inner 1RB Right	21.72	/	/	7.37	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	675.5	Edge 1RB Left	21.62	/	/	7.27	/	/	<=34.77	Pass
		Edge 1RB Right	21.57	/	/	7.22	/	/	<=34.77	Pass
		Outer Full	21.94	/	/	7.59	/	/	<=34.77	Pass
		Inner Full	21.90	/	/	7.55	/	/	<=34.77	Pass
		Inner 1RB Left	21.64	/	/	7.29	/	/	<=34.77	Pass
		Inner 1RB Right	21.70	/	/	7.35	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.70	/	/	7.35	/	/	<=34.77	Pass

		Edge_1RB_Right	21.57	/	/	7.22	/	/	<=34.77	Pass
		Outer_Full	21.91	/	/	7.56	/	/	<=34.77	Pass
		Inner_Full	21.87	/	/	7.52	/	/	<=34.77	Pass
		Inner_1RB_Left	21.60	/	/	7.25	/	/	<=34.77	Pass
	685.5	Inner_1RB_Right	21.63	/	/	7.28	/	/	<=34.77	Pass
		Edge_1RB_Left	21.59	/	/	7.24	/	/	<=34.77	Pass
		Edge_1RB_Right	21.80	/	/	7.45	/	/	<=34.77	Pass
		Outer_Full	21.76	/	/	7.41	/	/	<=34.77	Pass
		Inner_Full	21.83	/	/	7.48	/	/	<=34.77	Pass
		Inner_1RB_Left	21.65	/	/	7.30	/	/	<=34.77	Pass
		Inner_1RB_Right	21.66	/	/	7.31	/	/	<=34.77	Pass
		Edge_1RB_Left	21.58	/	/	7.23	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	675.5	Edge_1RB_Right	22.18	/	/	7.83	/	/	<=34.77	Pass
		Outer_Full	21.92	/	/	7.57	/	/	<=34.77	Pass
		Inner_Full	21.94	/	/	7.59	/	/	<=34.77	Pass
		Inner_1RB_Left	22.13	/	/	7.78	/	/	<=34.77	Pass
		Inner_1RB_Right	22.26	/	/	7.91	/	/	<=34.77	Pass
		Edge_1RB_Left	22.17	/	/	7.82	/	/	<=34.77	Pass
	680.5	Edge_1RB_Right	21.96	/	/	7.61	/	/	<=34.77	Pass
		Outer_Full	21.85	/	/	7.50	/	/	<=34.77	Pass
		Inner_Full	21.81	/	/	7.46	/	/	<=34.77	Pass
		Inner_1RB_Left	22.23	/	/	7.88	/	/	<=34.77	Pass
		Inner_1RB_Right	22.21	/	/	7.86	/	/	<=34.77	Pass
		Edge_1RB_Left	22.09	/	/	7.74	/	/	<=34.77	Pass
	685.5	Edge_1RB_Right	21.59	/	/	7.24	/	/	<=34.77	Pass
		Outer_Full	21.68	/	/	7.33	/	/	<=34.77	Pass
		Inner_Full	21.82	/	/	7.47	/	/	<=34.77	Pass
		Inner_1RB_Left	22.19	/	/	7.84	/	/	<=34.77	Pass
		Inner_1RB_Right	22.28	/	/	7.93	/	/	<=34.77	Pass
		Edge_1RB_Left	21.05	/	/	6.70	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	675.5	Edge_1RB_Right	21.14	/	/	6.80	/	/	<=34.77	Pass
		Outer_Full	21.42	/	/	7.07	/	/	<=34.77	Pass
		Inner_Full	21.43	/	/	7.08	/	/	<=34.77	Pass
		Inner_1RB_Left	21.11	/	/	6.76	/	/	<=34.77	Pass
		Inner_1RB_Right	21.20	/	/	6.85	/	/	<=34.77	Pass
		Edge_1RB_Left	21.07	/	/	6.72	/	/	<=34.77	Pass
	680.5	Edge_1RB_Right	21.08	/	/	6.73	/	/	<=34.77	Pass
		Outer_Full	21.39	/	/	7.04	/	/	<=34.77	Pass
		Inner_Full	21.41	/	/	7.06	/	/	<=34.77	Pass
		Inner_1RB_Left	21.14	/	/	6.79	/	/	<=34.77	Pass
		Inner_1RB_Right	21.15	/	/	6.80	/	/	<=34.77	Pass
		Edge_1RB_Left	21.18	/	/	6.83	/	/	<=34.77	Pass
	685.5	Edge_1RB_Right	21.04	/	/	6.69	/	/	<=34.77	Pass
		Outer_Full	21.24	/	/	6.89	/	/	<=34.77	Pass
		Inner_Full	21.33	/	/	6.98	/	/	<=34.77	Pass
		Inner_1RB_Left	21.20	/	/	6.85	/	/	<=34.77	Pass
		Inner_1RB_Right	21.13	/	/	6.78	/	/	<=34.77	Pass
		Edge_1RB_Left	21.69	/	/	7.34	/	/	<=34.77	Pass
CP-OFDM QPSK	675.5	Edge_1RB_Right	21.70	/	/	7.35	/	/	<=34.77	Pass
		Outer_Full	21.95	/	/	7.60	/	/	<=34.77	Pass
		Inner_Full	21.91	/	/	7.56	/	/	<=34.77	Pass
		Inner_1RB_Left	21.75	/	/	7.40	/	/	<=34.77	Pass
		Inner_1RB_Right	21.82	/	/	7.47	/	/	<=34.77	Pass
		Edge_1RB_Left	21.70	/	/	7.35	/	/	<=34.77	Pass
	680.5	Edge_1RB_Right	21.69	/	/	7.34	/	/	<=34.77	Pass
		Outer_Full	21.86	/	/	7.51	/	/	<=34.77	Pass
		Inner_Full	21.87	/	/	7.52	/	/	<=34.77	Pass
		Inner_1RB_Left	21.83	/	/	7.48	/	/	<=34.77	Pass
		Inner_1RB_Right	21.74	/	/	7.39	/	/	<=34.77	Pass

	685.5	Edge 1RB Left	21.74	/	/	7.39	/	/	<=34.77	Pass
		Edge 1RB Right	21.68	/	/	7.33	/	/	<=34.77	Pass
		Outer Full	21.73	/	/	7.38	/	/	<=34.77	Pass
		Inner Full	21.86	/	/	7.51	/	/	<=34.77	Pass
		Inner 1RB Left	21.79	/	/	7.44	/	/	<=34.77	Pass
CP-OFDM 16 QAM	675.5	Inner 1RB Right	21.73	/	/	7.38	/	/	<=34.77	Pass
		Edge 1RB Left	21.69	/	/	7.34	/	/	<=34.77	Pass
		Edge 1RB Right	21.75	/	/	7.40	/	/	<=34.77	Pass
		Outer Full	21.90	/	/	7.55	/	/	<=34.77	Pass
		Inner Full	21.92	/	/	7.57	/	/	<=34.77	Pass
		Inner 1RB Left	21.79	/	/	7.44	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	21.81	/	/	7.46	/	/	<=34.77	Pass
		Edge 1RB Left	21.74	/	/	7.39	/	/	<=34.77	Pass
		Edge 1RB Right	21.71	/	/	7.36	/	/	<=34.77	Pass
		Outer Full	21.84	/	/	7.49	/	/	<=34.77	Pass
		Inner Full	21.87	/	/	7.52	/	/	<=34.77	Pass
		Inner 1RB Left	21.79	/	/	7.44	/	/	<=34.77	Pass
	685.5	Inner 1RB Right	21.77	/	/	7.42	/	/	<=34.77	Pass
		Edge 1RB Left	21.73	/	/	7.38	/	/	<=34.77	Pass
		Edge 1RB Right	21.67	/	/	7.32	/	/	<=34.77	Pass
		Outer Full	21.71	/	/	7.36	/	/	<=34.77	Pass
		Inner Full	21.85	/	/	7.50	/	/	<=34.77	Pass
		Inner 1RB Left	21.77	/	/	7.42	/	/	<=34.77	Pass
CP-OFDM 64 QAM	675.5	Inner 1RB Right	21.78	/	/	7.43	/	/	<=34.77	Pass
		Edge 1RB Left	22.10	/	/	7.75	/	/	<=34.77	Pass
		Edge 1RB Right	22.08	/	/	7.73	/	/	<=34.77	Pass
		Outer Full	21.92	/	/	7.57	/	/	<=34.77	Pass
		Inner Full	21.89	/	/	7.55	/	/	<=34.77	Pass
		Inner 1RB Left	22.08	/	/	7.73	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	22.15	/	/	7.80	/	/	<=34.77	Pass
		Edge 1RB Left	22.03	/	/	7.68	/	/	<=34.77	Pass
		Edge 1RB Right	21.92	/	/	7.57	/	/	<=34.77	Pass
		Outer Full	21.83	/	/	7.48	/	/	<=34.77	Pass
		Inner Full	21.87	/	/	7.52	/	/	<=34.77	Pass
		Inner 1RB Left	22.09	/	/	7.74	/	/	<=34.77	Pass
	685.5	Inner 1RB Right	22.05	/	/	7.70	/	/	<=34.77	Pass
		Edge 1RB Left	22.01	/	/	7.66	/	/	<=34.77	Pass
		Edge 1RB Right	22.08	/	/	7.73	/	/	<=34.77	Pass
		Outer Full	21.74	/	/	7.39	/	/	<=34.77	Pass
		Inner Full	21.80	/	/	7.45	/	/	<=34.77	Pass
		Inner 1RB Left	22.08	/	/	7.73	/	/	<=34.77	Pass
CP-OFDM 256 QAM	675.5	Inner 1RB Right	22.16	/	/	7.81	/	/	<=34.77	Pass
		Edge 1RB Left	21.11	/	/	6.76	/	/	<=34.77	Pass
		Edge 1RB Right	21.16	/	/	6.81	/	/	<=34.77	Pass
		Outer Full	21.44	/	/	7.09	/	/	<=34.77	Pass
		Inner Full	21.42	/	/	7.07	/	/	<=34.77	Pass
		Inner 1RB Left	21.11	/	/	6.76	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	21.20	/	/	6.85	/	/	<=34.77	Pass
		Edge 1RB Left	21.08	/	/	6.73	/	/	<=34.77	Pass
		Edge 1RB Right	21.08	/	/	6.73	/	/	<=34.77	Pass
		Outer Full	21.36	/	/	7.01	/	/	<=34.77	Pass
		Inner Full	21.43	/	/	7.08	/	/	<=34.77	Pass
		Inner 1RB Left	21.27	/	/	6.92	/	/	<=34.77	Pass
	685.5	Inner 1RB Right	21.13	/	/	6.78	/	/	<=34.77	Pass
		Edge 1RB Left	21.08	/	/	6.73	/	/	<=34.77	Pass
		Edge 1RB Right	21.03	/	/	6.68	/	/	<=34.77	Pass
		Outer Full	21.24	/	/	6.89	/	/	<=34.77	Pass
		Inner Full	21.27	/	/	6.92	/	/	<=34.77	Pass
		Inner 1RB Left	21.17	/	/	6.82	/	/	<=34.77	Pass

		Inner 1RB Right	21.22	/	/	6.87	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant0: -12.20dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.6 15_S_30M_NTNV_ERP

5G NR n71 SCS=15kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	678	Edge 1RB Left	21.63	/	/	7.28	/	/	<=34.77	Pass
		Edge 1RB Right	21.68	/	/	7.33	/	/	<=34.77	Pass
		Outer Full	21.94	/	/	7.59	/	/	<=34.77	Pass
		Inner Full	21.90	/	/	7.55	/	/	<=34.77	Pass
		Inner 1RB Left	21.78	/	/	7.43	/	/	<=34.77	Pass
		Inner 1RB Right	21.65	/	/	7.30	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.62	/	/	7.27	/	/	<=34.77	Pass
		Edge 1RB Right	21.59	/	/	7.24	/	/	<=34.77	Pass
		Outer Full	21.90	/	/	7.55	/	/	<=34.77	Pass
		Inner Full	21.88	/	/	7.53	/	/	<=34.77	Pass
		Inner 1RB Left	21.69	/	/	7.34	/	/	<=34.77	Pass
		Inner 1RB Right	21.68	/	/	7.33	/	/	<=34.77	Pass
	683	Edge 1RB Left	21.71	/	/	7.36	/	/	<=34.77	Pass
		Edge 1RB Right	21.67	/	/	7.32	/	/	<=34.77	Pass
		Outer Full	21.90	/	/	7.55	/	/	<=34.77	Pass
		Inner Full	21.88	/	/	7.53	/	/	<=34.77	Pass
		Inner 1RB Left	21.72	/	/	7.37	/	/	<=34.77	Pass
		Inner 1RB Right	21.69	/	/	7.34	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	678	Edge 1RB Left	21.67	/	/	7.32	/	/	<=34.77	Pass
		Edge 1RB Right	21.73	/	/	7.38	/	/	<=34.77	Pass
		Outer Full	21.84	/	/	7.49	/	/	<=34.77	Pass
		Inner Full	21.85	/	/	7.50	/	/	<=34.77	Pass
		Inner 1RB Left	21.58	/	/	7.23	/	/	<=34.77	Pass
		Inner 1RB Right	21.54	/	/	7.19	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.49	/	/	7.14	/	/	<=34.77	Pass
		Edge 1RB Right	21.47	/	/	7.12	/	/	<=34.77	Pass
		Outer Full	21.79	/	/	7.44	/	/	<=34.77	Pass
		Inner Full	21.85	/	/	7.50	/	/	<=34.77	Pass
		Inner 1RB Left	21.59	/	/	7.24	/	/	<=34.77	Pass
		Inner 1RB Right	21.85	/	/	7.50	/	/	<=34.77	Pass
	683	Edge 1RB Left	21.57	/	/	7.22	/	/	<=34.77	Pass
		Edge 1RB Right	21.54	/	/	7.19	/	/	<=34.77	Pass
		Outer Full	21.81	/	/	7.46	/	/	<=34.77	Pass
		Inner Full	21.87	/	/	7.52	/	/	<=34.77	Pass
		Inner 1RB Left	21.62	/	/	7.27	/	/	<=34.77	Pass
		Inner 1RB Right	21.55	/	/	7.20	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	678	Edge 1RB Left	22.14	/	/	7.79	/	/	<=34.77	Pass
		Edge 1RB Right	22.07	/	/	7.72	/	/	<=34.77	Pass
		Outer Full	21.86	/	/	7.51	/	/	<=34.77	Pass
		Inner Full	21.86	/	/	7.51	/	/	<=34.77	Pass
		Inner 1RB Left	22.19	/	/	7.84	/	/	<=34.77	Pass
		Inner 1RB Right	22.05	/	/	7.70	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.15	/	/	7.80	/	/	<=34.77	Pass
		Edge 1RB Right	22.07	/	/	7.72	/	/	<=34.77	Pass
		Outer Full	21.80	/	/	7.45	/	/	<=34.77	Pass
		Inner Full	21.83	/	/	7.48	/	/	<=34.77	Pass
		Inner 1RB Left	22.18	/	/	7.83	/	/	<=34.77	Pass
		Inner 1RB Right	21.72	/	/	7.37	/	/	<=34.77	Pass
	683	Edge 1RB Left	22.11	/	/	7.76	/	/	<=34.77	Pass

		Edge 1RB Right	22.23	/	/	7.88	/	/	<=34.77	Pass
		Outer Full	21.79	/	/	7.44	/	/	<=34.77	Pass
		Inner Full	21.84	/	/	7.49	/	/	<=34.77	Pass
		Inner 1RB Left	22.18	/	/	7.83	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	678	Inner 1RB Right	22.20	/	/	7.85	/	/	<=34.77	Pass
		Edge 1RB Left	21.02	/	/	6.67	/	/	<=34.77	Pass
		Edge 1RB Right	21.02	/	/	6.67	/	/	<=34.77	Pass
		Outer Full	21.37	/	/	7.02	/	/	<=34.77	Pass
		Inner Full	21.34	/	/	6.99	/	/	<=34.77	Pass
		Inner 1RB Left	21.10	/	/	6.75	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	20.99	/	/	6.64	/	/	<=34.77	Pass
		Edge 1RB Left	21.05	/	/	6.70	/	/	<=34.77	Pass
		Edge 1RB Right	20.98	/	/	6.63	/	/	<=34.77	Pass
		Outer Full	21.37	/	/	7.02	/	/	<=34.77	Pass
		Inner Full	21.34	/	/	6.99	/	/	<=34.77	Pass
		Inner 1RB Left	21.11	/	/	6.76	/	/	<=34.77	Pass
	683	Inner 1RB Right	21.02	/	/	6.67	/	/	<=34.77	Pass
		Edge 1RB Left	21.04	/	/	6.69	/	/	<=34.77	Pass
		Edge 1RB Right	21.04	/	/	6.69	/	/	<=34.77	Pass
		Outer Full	21.34	/	/	6.99	/	/	<=34.77	Pass
		Inner Full	21.36	/	/	7.01	/	/	<=34.77	Pass
		Inner 1RB Left	21.10	/	/	6.75	/	/	<=34.77	Pass
CP-OFDM QPSK	678	Inner 1RB Right	21.07	/	/	6.72	/	/	<=34.77	Pass
		Edge 1RB Left	21.61	/	/	7.26	/	/	<=34.77	Pass
		Edge 1RB Right	21.62	/	/	7.27	/	/	<=34.77	Pass
		Outer Full	21.85	/	/	7.50	/	/	<=34.77	Pass
		Inner Full	21.88	/	/	7.53	/	/	<=34.77	Pass
		Inner 1RB Left	21.67	/	/	7.32	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	21.65	/	/	7.30	/	/	<=34.77	Pass
		Edge 1RB Left	21.65	/	/	7.30	/	/	<=34.77	Pass
		Edge 1RB Right	21.57	/	/	7.22	/	/	<=34.77	Pass
		Outer Full	21.87	/	/	7.52	/	/	<=34.77	Pass
		Inner Full	21.89	/	/	7.54	/	/	<=34.77	Pass
		Inner 1RB Left	21.74	/	/	7.39	/	/	<=34.77	Pass
	683	Inner 1RB Right	21.58	/	/	7.23	/	/	<=34.77	Pass
		Edge 1RB Left	21.66	/	/	7.31	/	/	<=34.77	Pass
		Edge 1RB Right	21.70	/	/	7.35	/	/	<=34.77	Pass
		Outer Full	21.85	/	/	7.50	/	/	<=34.77	Pass
		Inner Full	21.87	/	/	7.52	/	/	<=34.77	Pass
		Inner 1RB Left	21.76	/	/	7.41	/	/	<=34.77	Pass
CP-OFDM 16 QAM	678	Inner 1RB Right	21.64	/	/	7.29	/	/	<=34.77	Pass
		Edge 1RB Left	21.67	/	/	7.32	/	/	<=34.77	Pass
		Edge 1RB Right	21.65	/	/	7.30	/	/	<=34.77	Pass
		Outer Full	21.86	/	/	7.51	/	/	<=34.77	Pass
		Inner Full	21.86	/	/	7.51	/	/	<=34.77	Pass
		Inner 1RB Left	21.72	/	/	7.37	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	21.69	/	/	7.34	/	/	<=34.77	Pass
		Edge 1RB Left	21.68	/	/	7.33	/	/	<=34.77	Pass
		Edge 1RB Right	21.65	/	/	7.30	/	/	<=34.77	Pass
		Outer Full	21.84	/	/	7.49	/	/	<=34.77	Pass
		Inner Full	21.83	/	/	7.48	/	/	<=34.77	Pass
		Inner 1RB Left	21.76	/	/	7.41	/	/	<=34.77	Pass
	683	Inner 1RB Right	21.66	/	/	7.31	/	/	<=34.77	Pass
		Edge 1RB Left	21.71	/	/	7.36	/	/	<=34.77	Pass
		Edge 1RB Right	21.72	/	/	7.37	/	/	<=34.77	Pass
		Outer Full	21.80	/	/	7.45	/	/	<=34.77	Pass
		Inner Full	21.83	/	/	7.48	/	/	<=34.77	Pass
		Inner 1RB Left	21.75	/	/	7.40	/	/	<=34.77	Pass
		Inner 1RB Right	21.69	/	/	7.34	/	/	<=34.77	Pass

CP-OFDM 64 QAM	678	Edge 1RB Left	22.00	/	/	7.65	/	/	<=34.77	Pass
		Edge 1RB Right	22.00	/	/	7.65	/	/	<=34.77	Pass
		Outer Full	21.84	/	/	7.49	/	/	<=34.77	Pass
		Inner Full	21.85	/	/	7.50	/	/	<=34.77	Pass
		Inner 1RB Left	22.00	/	/	7.65	/	/	<=34.77	Pass
		Inner 1RB Right	22.00	/	/	7.65	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.02	/	/	7.67	/	/	<=34.77	Pass
		Edge 1RB Right	21.98	/	/	7.63	/	/	<=34.77	Pass
		Outer Full	21.87	/	/	7.52	/	/	<=34.77	Pass
		Inner Full	21.83	/	/	7.48	/	/	<=34.77	Pass
		Inner 1RB Left	22.03	/	/	7.68	/	/	<=34.77	Pass
		Inner 1RB Right	21.93	/	/	7.58	/	/	<=34.77	Pass
	683	Edge 1RB Left	22.01	/	/	7.66	/	/	<=34.77	Pass
		Edge 1RB Right	22.08	/	/	7.73	/	/	<=34.77	Pass
		Outer Full	21.83	/	/	7.48	/	/	<=34.77	Pass
Inner Full		21.85	/	/	7.50	/	/	<=34.77	Pass	
Inner 1RB Left		22.07	/	/	7.72	/	/	<=34.77	Pass	
Inner 1RB Right		22.10	/	/	7.75	/	/	<=34.77	Pass	
CP-OFDM 256 QAM	678	Edge 1RB Left	21.02	/	/	6.67	/	/	<=34.77	Pass
		Edge 1RB Right	21.05	/	/	6.70	/	/	<=34.77	Pass
		Outer Full	21.38	/	/	7.03	/	/	<=34.77	Pass
		Inner Full	21.39	/	/	7.04	/	/	<=34.77	Pass
		Inner 1RB Left	21.02	/	/	6.67	/	/	<=34.77	Pass
		Inner 1RB Right	21.06	/	/	6.71	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.06	/	/	6.71	/	/	<=34.77	Pass
		Edge 1RB Right	21.12	/	/	6.77	/	/	<=34.77	Pass
		Outer Full	21.39	/	/	7.04	/	/	<=34.77	Pass
		Inner Full	21.37	/	/	7.02	/	/	<=34.77	Pass
		Inner 1RB Left	21.10	/	/	6.75	/	/	<=34.77	Pass
		Inner 1RB Right	21.04	/	/	6.69	/	/	<=34.77	Pass
	683	Edge 1RB Left	21.01	/	/	6.66	/	/	<=34.77	Pass
		Edge 1RB Right	21.06	/	/	6.71	/	/	<=34.77	Pass
		Outer Full	21.36	/	/	7.01	/	/	<=34.77	Pass
Inner Full		21.35	/	/	7.00	/	/	<=34.77	Pass	
Inner 1RB Left		21.25	/	/	6.90	/	/	<=34.77	Pass	
Inner 1RB Right		21.02	/	/	6.67	/	/	<=34.77	Pass	
Note1: Antenna Gain: Ant0: -12.20dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.7 15_S_35M_NTNV_ERP

5G NR n71 SCS=15kHz SISO 35MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	680.5	Edge 1RB Left	21.62	/	/	7.27	/	/	<=34.77	Pass
		Edge 1RB Right	21.74	/	/	7.39	/	/	<=34.77	Pass
		Outer Full	21.90	/	/	7.55	/	/	<=34.77	Pass
		Inner Full	21.88	/	/	7.53	/	/	<=34.77	Pass
		Inner 1RB Left	21.70	/	/	7.35	/	/	<=34.77	Pass
		Inner 1RB Right	21.70	/	/	7.35	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	680.5	Edge 1RB Left	21.68	/	/	7.33	/	/	<=34.77	Pass
		Edge 1RB Right	21.54	/	/	7.19	/	/	<=34.77	Pass
		Outer Full	21.85	/	/	7.50	/	/	<=34.77	Pass
		Inner Full	21.86	/	/	7.51	/	/	<=34.77	Pass
		Inner 1RB Left	21.55	/	/	7.20	/	/	<=34.77	Pass
		Inner 1RB Right	21.59	/	/	7.24	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	680.5	Edge 1RB Left	21.91	/	/	7.56	/	/	<=34.77	Pass
		Edge 1RB Right	21.58	/	/	7.23	/	/	<=34.77	Pass

		Outer Full	21.82	/	/	7.48	/	/	<=34.77	Pass
		Inner Full	21.89	/	/	7.54	/	/	<=34.77	Pass
		Inner 1RB Left	22.20	/	/	7.85	/	/	<=34.77	Pass
		Inner 1RB Right	22.24	/	/	7.89	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	680.5	Edge 1RB Left	21.04	/	/	6.69	/	/	<=34.77	Pass
		Edge 1RB Right	21.12	/	/	6.77	/	/	<=34.77	Pass
		Outer Full	21.32	/	/	6.97	/	/	<=34.77	Pass
		Inner Full	21.38	/	/	7.03	/	/	<=34.77	Pass
		Inner 1RB Left	21.06	/	/	6.71	/	/	<=34.77	Pass
		Inner 1RB Right	21.09	/	/	6.74	/	/	<=34.77	Pass
		Edge 1RB Left	21.62	/	/	7.27	/	/	<=34.77	Pass
		Edge 1RB Right	21.64	/	/	7.29	/	/	<=34.77	Pass
CP-OFDM QPSK	680.5	Outer Full	21.88	/	/	7.53	/	/	<=34.77	Pass
		Inner Full	21.86	/	/	7.51	/	/	<=34.77	Pass
		Inner 1RB Left	21.73	/	/	7.38	/	/	<=34.77	Pass
		Inner 1RB Right	21.75	/	/	7.40	/	/	<=34.77	Pass
CP-OFDM 16 QAM	680.5	Edge 1RB Left	21.63	/	/	7.28	/	/	<=34.77	Pass
		Edge 1RB Right	21.71	/	/	7.36	/	/	<=34.77	Pass
		Outer Full	21.88	/	/	7.53	/	/	<=34.77	Pass
		Inner Full	21.88	/	/	7.53	/	/	<=34.77	Pass
		Inner 1RB Left	21.70	/	/	7.35	/	/	<=34.77	Pass
		Inner 1RB Right	21.75	/	/	7.40	/	/	<=34.77	Pass
		Edge 1RB Left	22.02	/	/	7.67	/	/	<=34.77	Pass
		Edge 1RB Right	22.04	/	/	7.69	/	/	<=34.77	Pass
CP-OFDM 64 QAM	680.5	Outer Full	21.86	/	/	7.51	/	/	<=34.77	Pass
		Inner Full	21.86	/	/	7.51	/	/	<=34.77	Pass
		Inner 1RB Left	22.05	/	/	7.70	/	/	<=34.77	Pass
		Inner 1RB Right	22.05	/	/	7.70	/	/	<=34.77	Pass
CP-OFDM 256 QAM	680.5	Edge 1RB Left	21.08	/	/	6.73	/	/	<=34.77	Pass
		Edge 1RB Right	21.11	/	/	6.76	/	/	<=34.77	Pass
		Outer Full	21.40	/	/	7.05	/	/	<=34.77	Pass
		Inner Full	21.38	/	/	7.03	/	/	<=34.77	Pass
		Inner 1RB Left	21.07	/	/	6.72	/	/	<=34.77	Pass
		Inner 1RB Right	21.06	/	/	6.71	/	/	<=34.77	Pass

Note1: Antenna Gain: Ant0: -12.20dBi;
Note2: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 15_S_35M

5G NR n71 SCS=15kHz SISO 35MHz								
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	-2.81	-0.0041	>=-2.5 & <=2.5	Pass
				HV	-4.25	-0.0062	>=-2.5 & <=2.5	Pass
			-30	NV	-1.50	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-5.31	-0.0078	>=-2.5 & <=2.5	Pass
			-10	NV	-4.07	-0.0060	>=-2.5 & <=2.5	Pass
			0	NV	-4.38	-0.0064	>=-2.5 & <=2.5	Pass
			10	NV	-6.71	-0.0099	>=-2.5 & <=2.5	Pass
			20	NV	-0.23	-0.0003	>=-2.5 & <=2.5	Pass
			30	NV	-4.49	-0.0066	>=-2.5 & <=2.5	Pass
			40	NV	-4.09	-0.0060	>=-2.5 & <=2.5	Pass
			50	NV	-2.69	-0.0040	>=-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 QPSK	680.5	Outer_Full	4.52	5.03	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	4.52	4.96	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	4.52	4.96	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	4.54	5.00	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	4.51	4.99	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	4.51	5.02	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	4.52	5.00	/	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 QPSK	680.5	Outer_Full	9.03	9.71	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	9.03	9.75	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	9.01	9.76	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	9.02	9.71	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	9.36	10.05	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	9.37	10.05	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	9.38	10.09	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	9.37	10.11	/	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 QPSK	680.5	Outer_Full	13.54	14.58	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	13.61	14.67	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	13.59	14.60	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	13.61	14.60	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	14.26	15.27	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	14.29	15.32	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	14.23	15.36	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	14.24	15.29	/	Pass

3.1.4 15_S_20M_NTNV

5G NR n71 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency	RB	99% Bandwidth	26dB Bandwidth	Limit	Verdict

	(MHz)	Allocation	(MHz)	(MHz)	(MHz)	
DFT-s-OFDM QPSK	680.5	Outer_Full	18.12	19.40	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	18.06	19.40	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	18.05	19.38	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	18.09	19.44	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	19.07	20.43	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	19.11	20.47	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	19.17	20.55	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	19.12	20.48	/	Pass

3.1.5 15_S_25M_NTNV

5G NR n71 SCS=15kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	680.5	Outer_Full	23.09	24.68	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	23.09	24.65	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	23.07	24.71	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	23.10	24.69	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	23.90	25.59	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	23.97	25.68	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	24.06	25.63	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	23.95	25.62	/	Pass

3.1.6 15_S_30M_NTNV

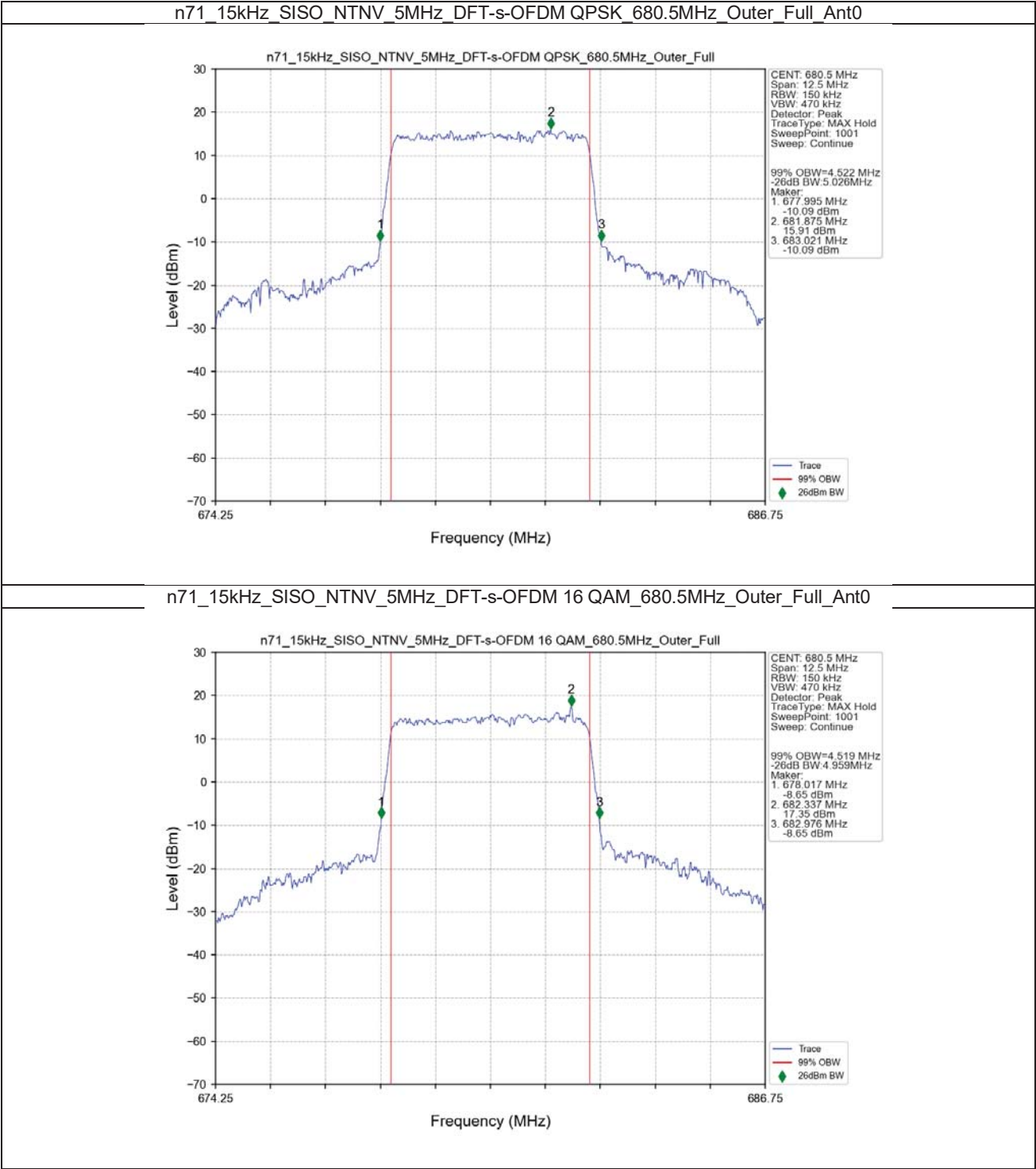
5G NR n71 SCS=15kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	680.5	Outer_Full	28.79	30.89	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	28.83	30.81	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	28.82	30.82	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	28.79	30.79	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	28.80	30.80	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	28.89	30.84	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	28.85	30.89	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	28.78	30.84	/	Pass

3.1.7 15_S_35M_NTNV

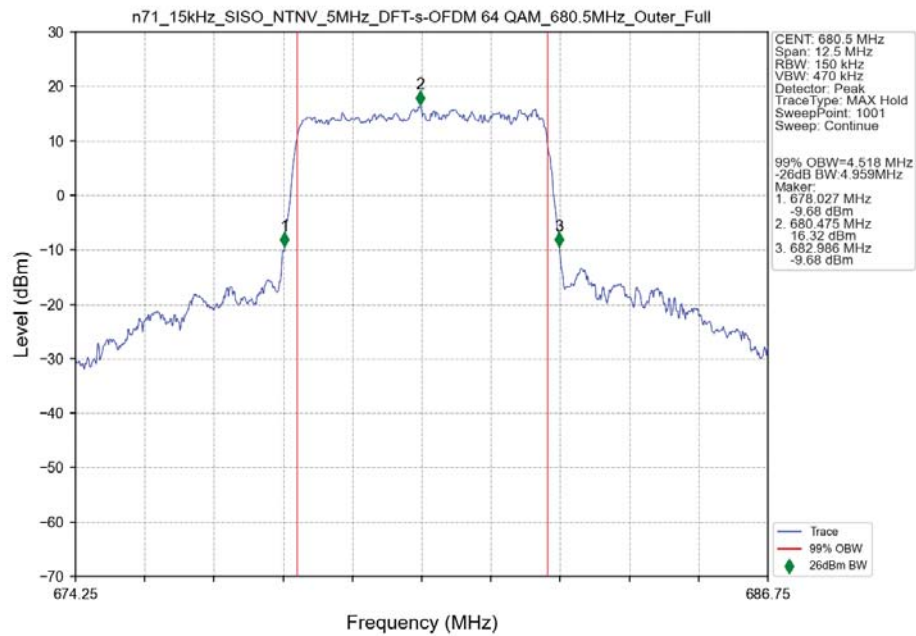
5G NR n71 SCS=15kHz SISO 35MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	680.5	Outer_Full	32.40	34.80	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	32.34	34.79	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	32.36	34.78	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	32.41	34.77	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	33.94	36.27	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	33.78	36.29	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	33.87	36.33	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	33.84	36.24	/	Pass

3.2 Test Graph

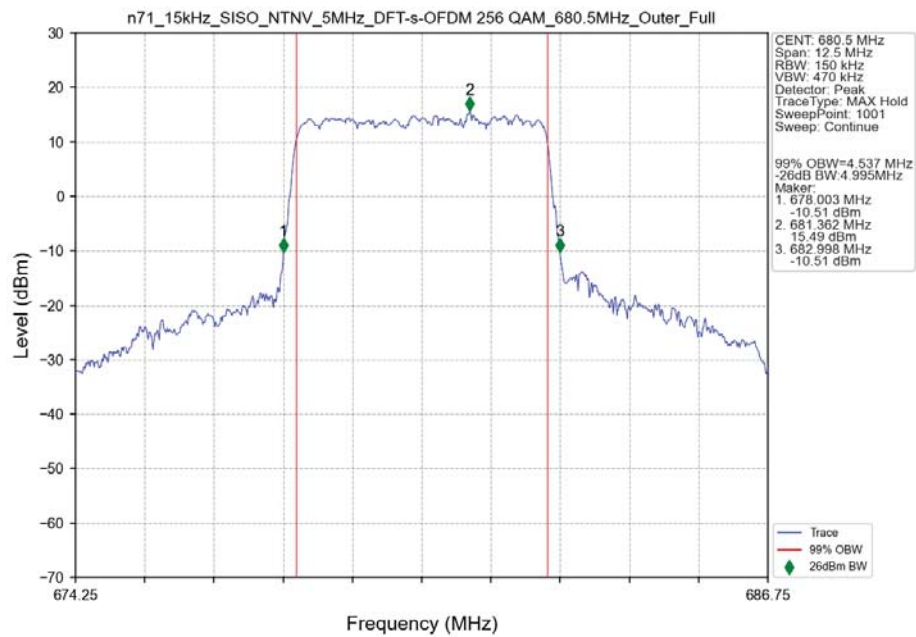
3.2.1 15_S_5M_NTNV



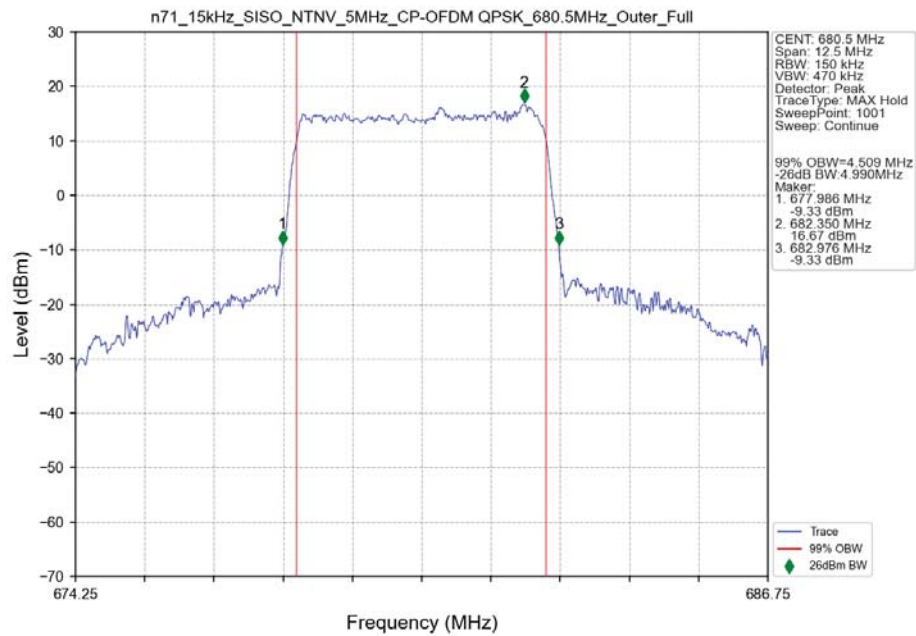
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM 680.5MHz_Outer_Full_Ant0



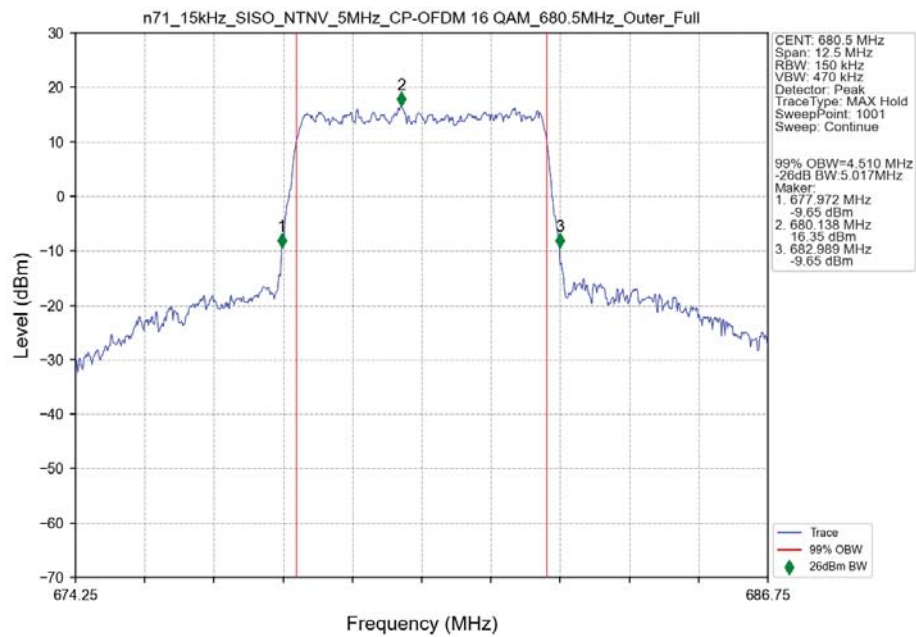
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM 680.5MHz_Outer_Full_Ant0



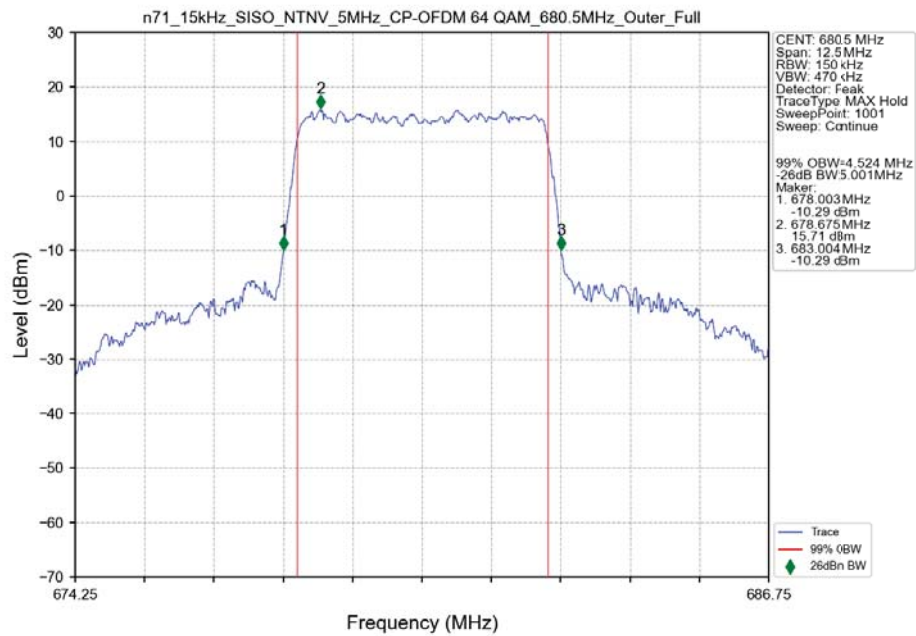
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 680.5MHz_Outer_Full_Ant0



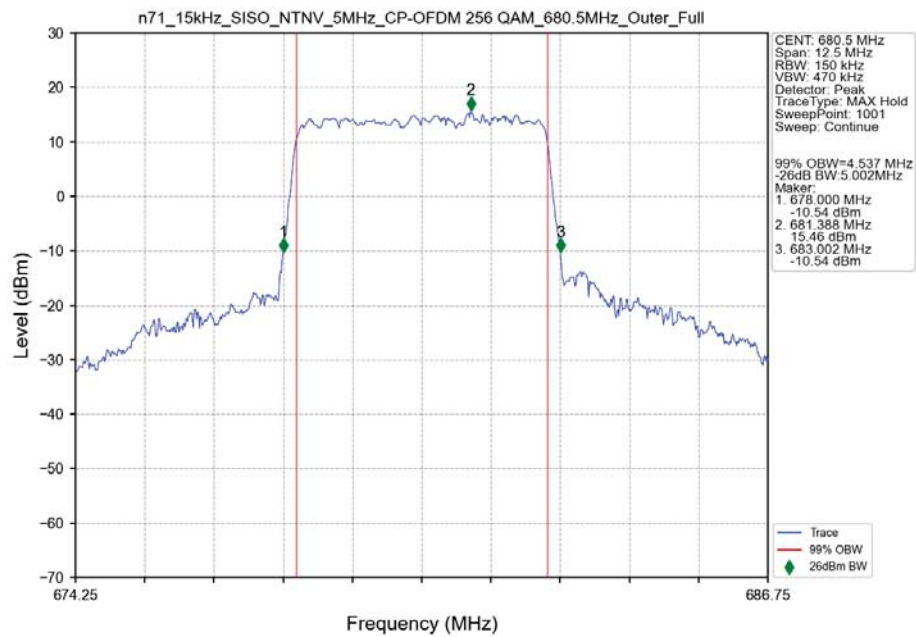
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 680.5MHz_Outer_Full_Ant0



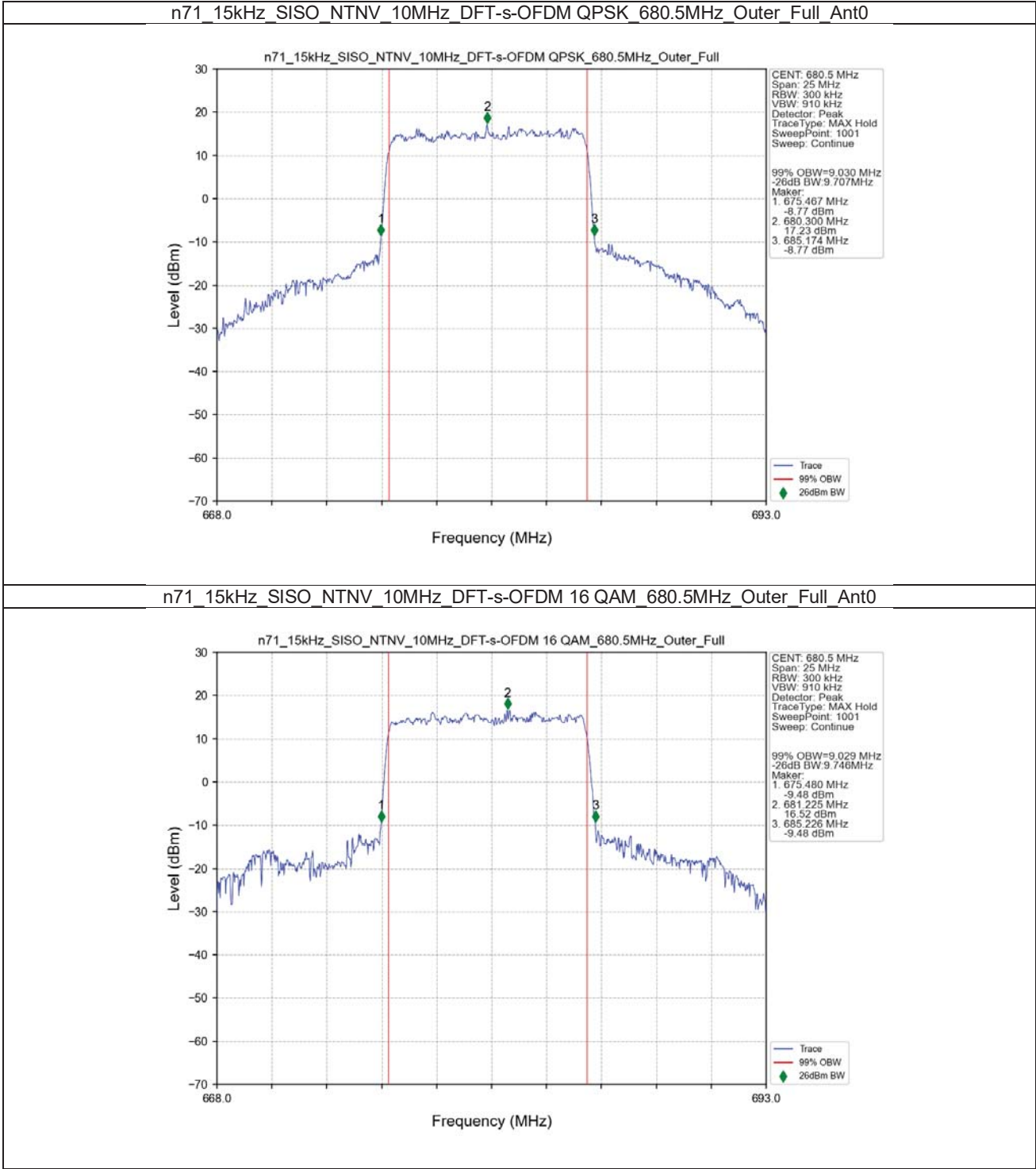
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 680.5MHz_Outer_Full_Ant0



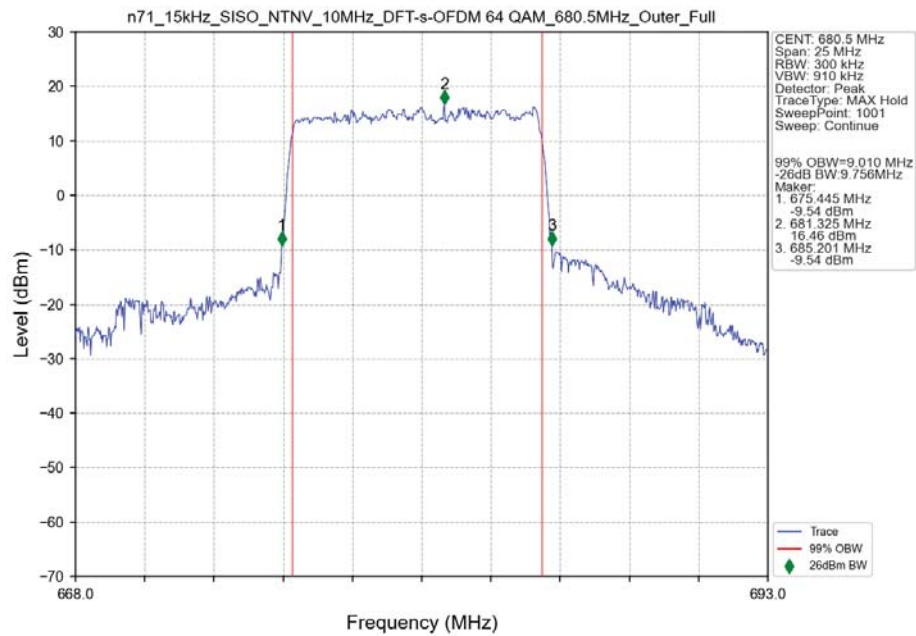
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM 680.5MHz_Outer_Full_Ant0



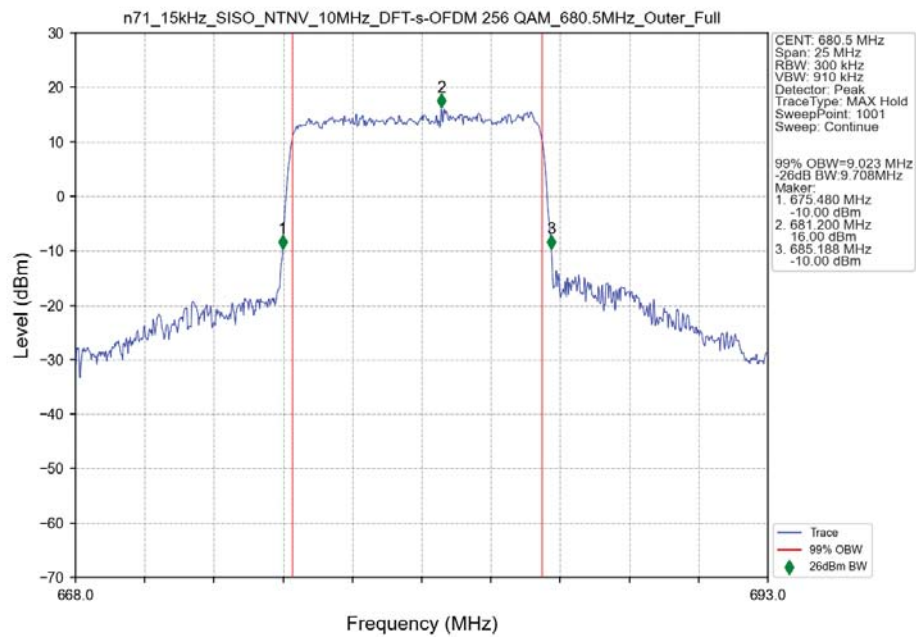
3.2.2 15_S_10M_NTNV



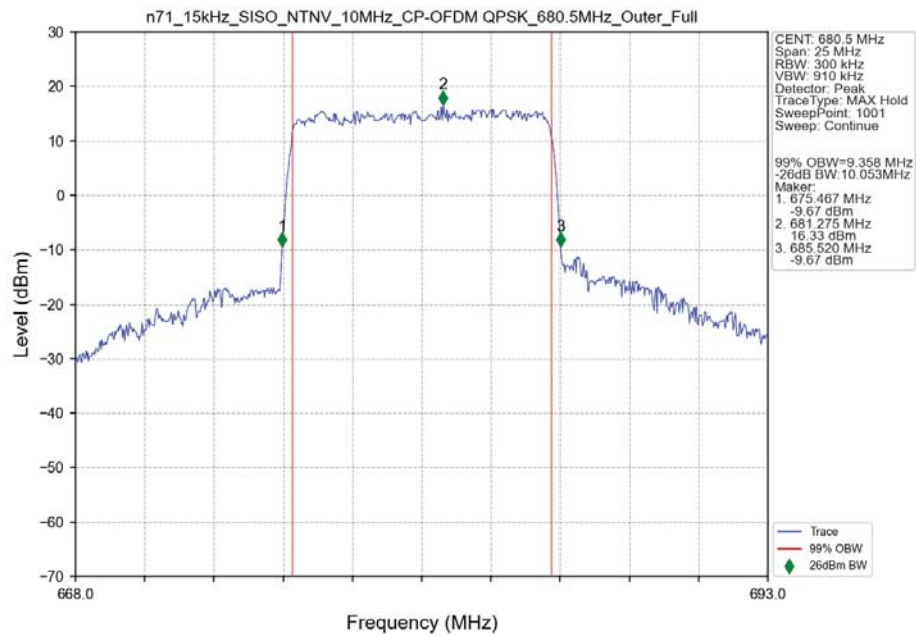
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM 680.5MHz_Outer_Full_Ant0



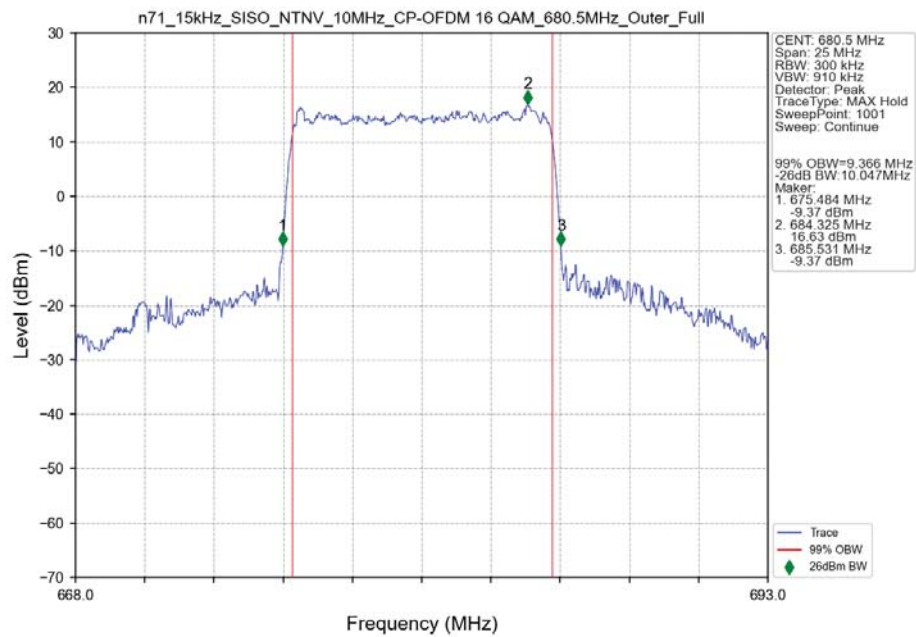
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM 680.5MHz_Outer_Full_Ant0



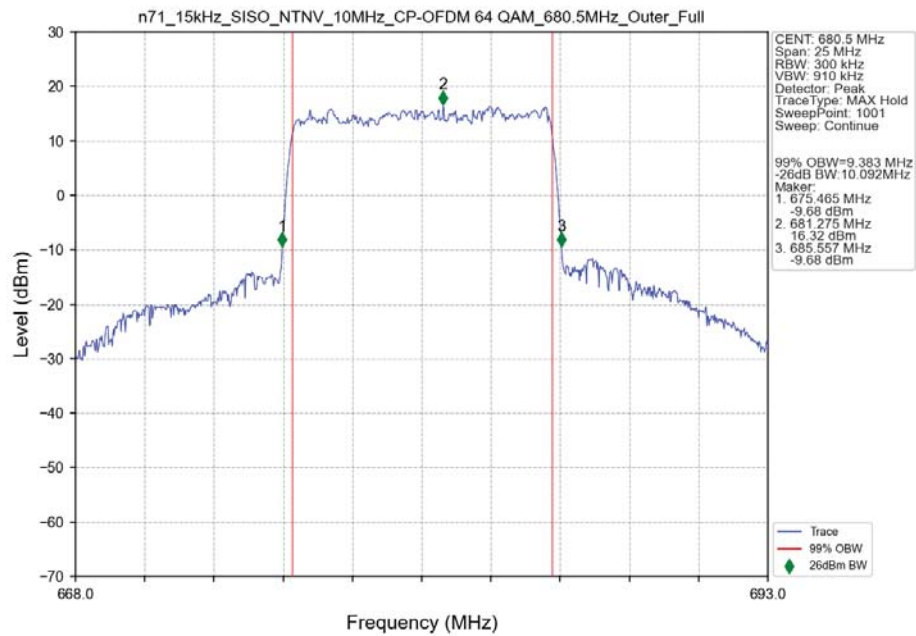
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_680.5MHz_Outer_Full_Ant0



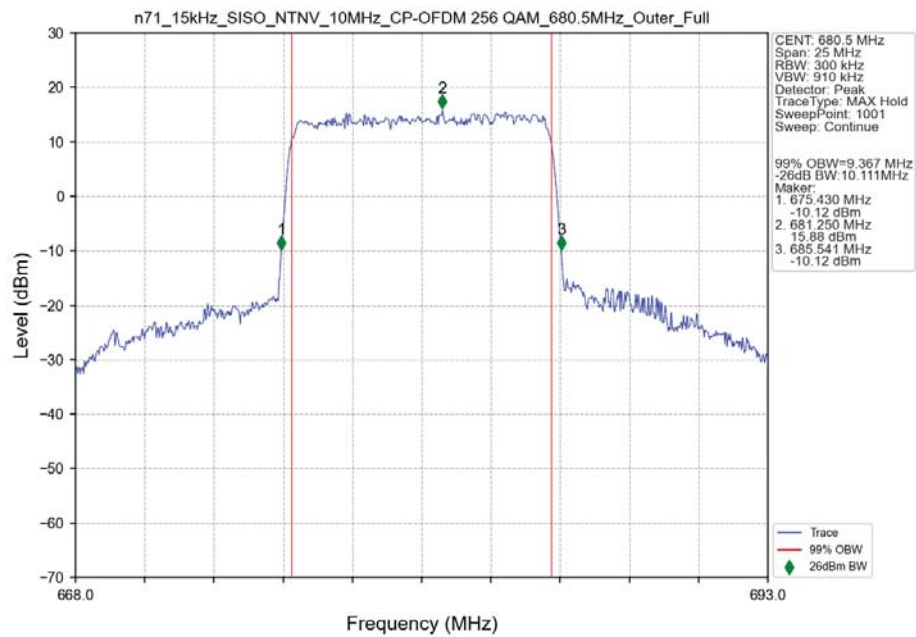
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



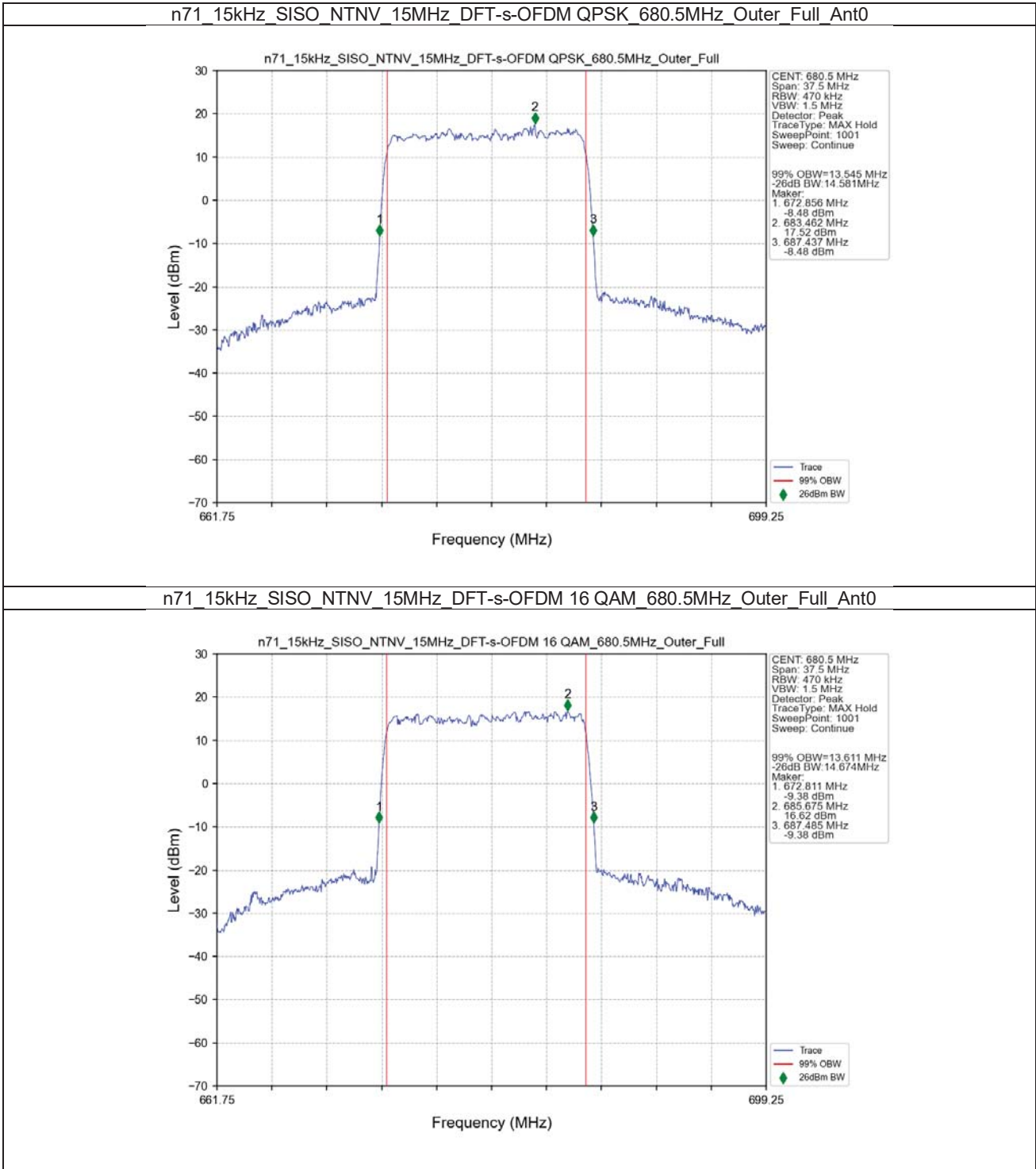
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 680.5MHz_Outer_Full_Ant0



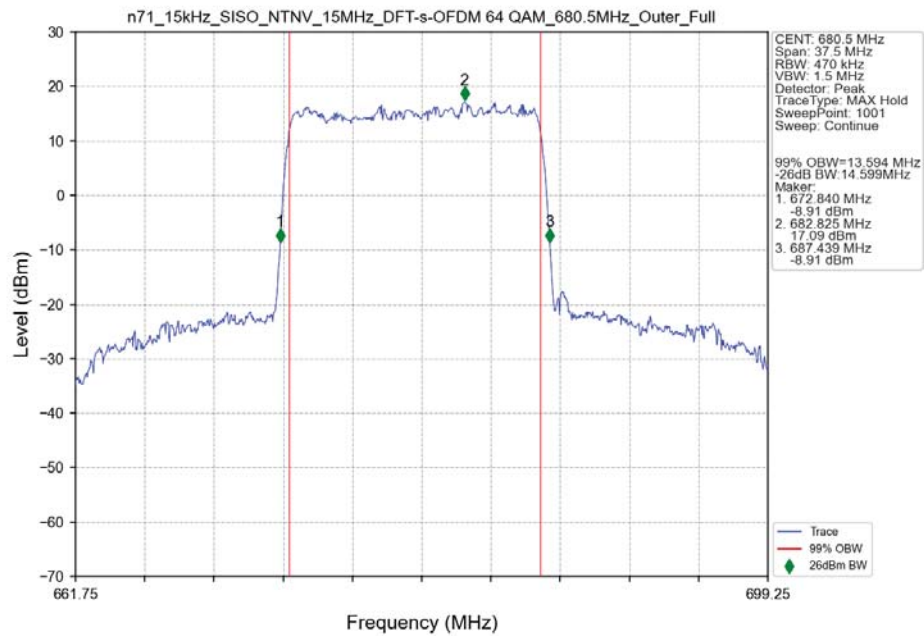
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 680.5MHz_Outer_Full_Ant0



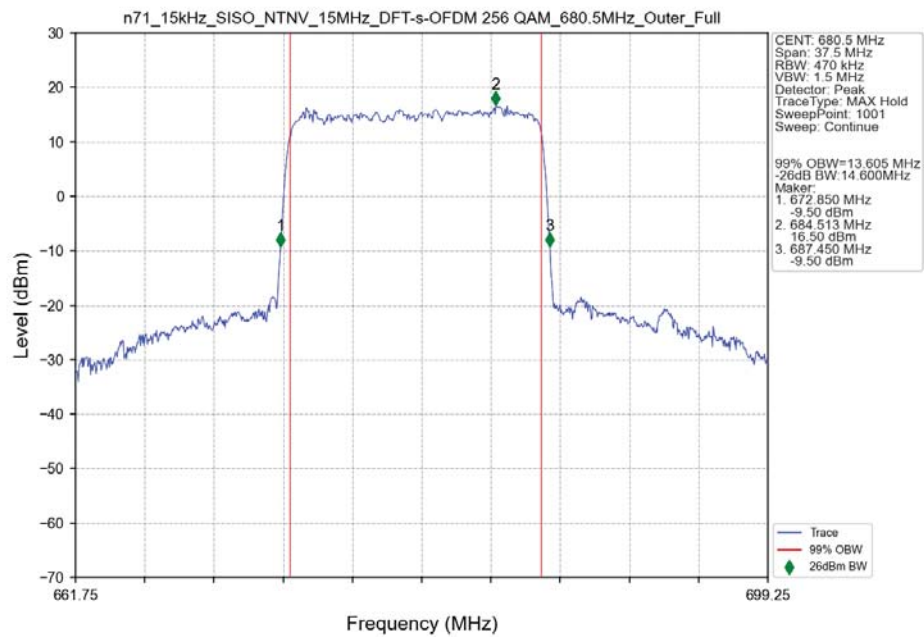
3.2.3 15_S_15M_NTNV



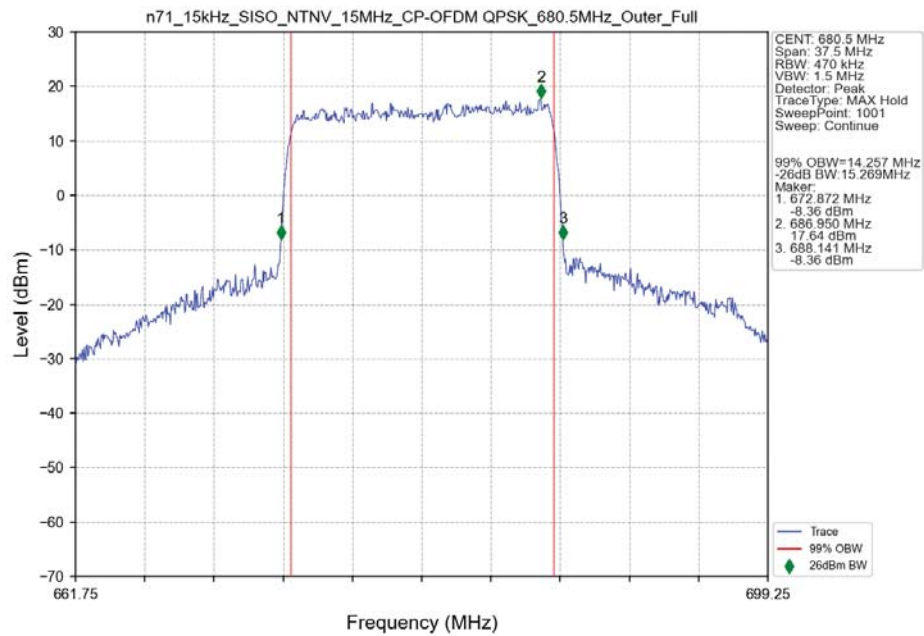
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_680.5MHz_Outer_Full_Ant0



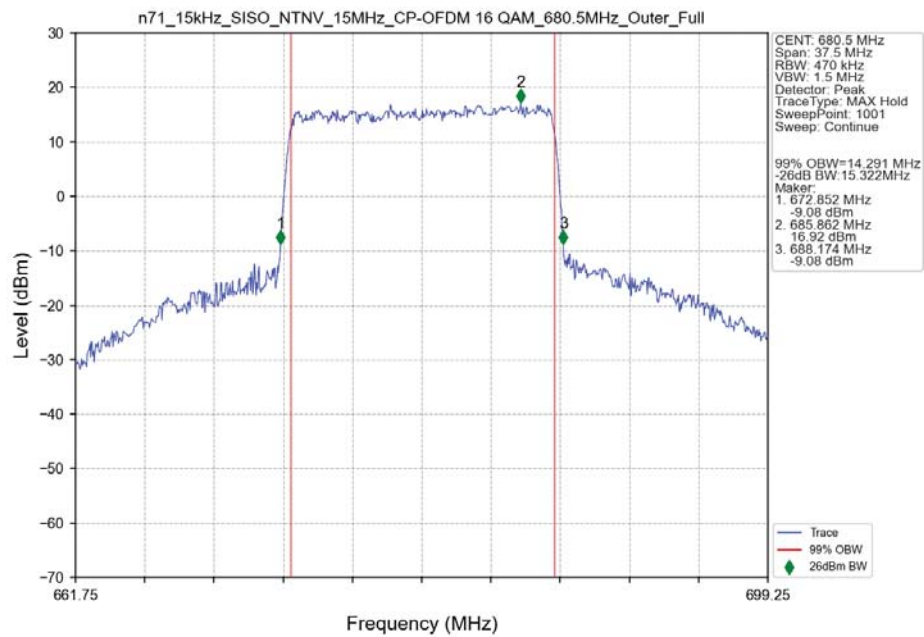
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_680.5MHz_Outer_Full_Ant0



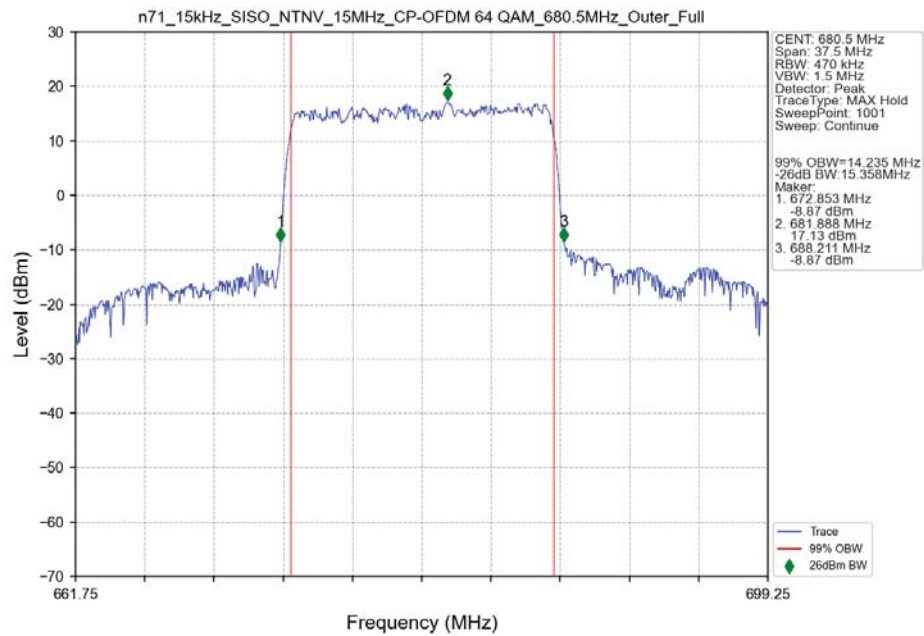
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_680.5MHz_Outer_Full_Ant0



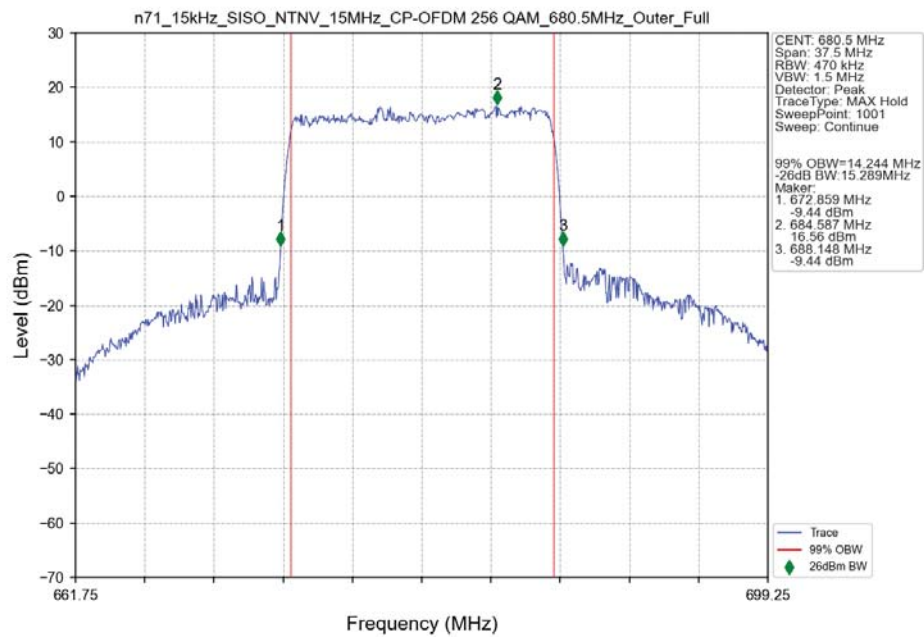
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



n71_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 680.5MHz_Outer_Full_Ant0

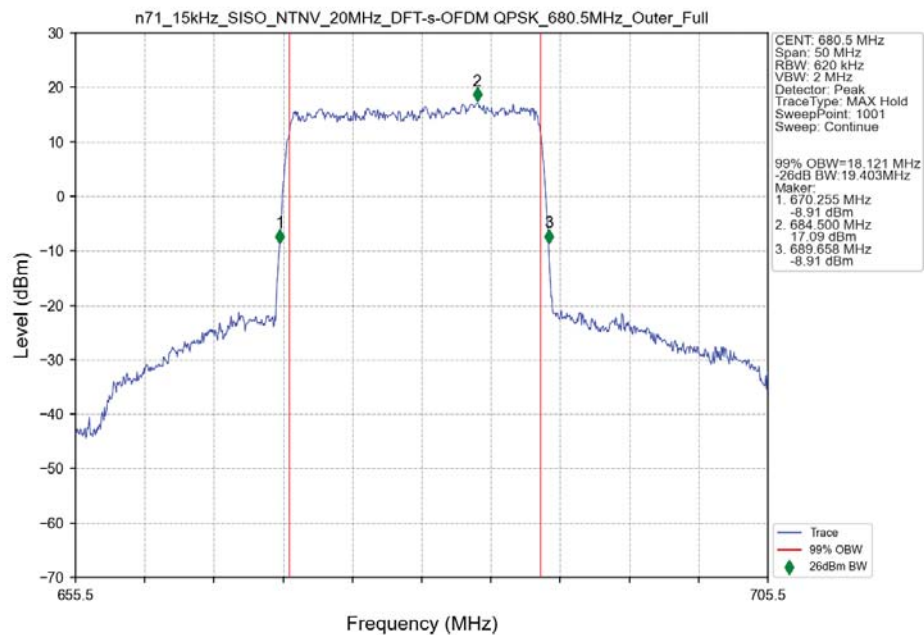


n71_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM 680.5MHz_Outer_Full_Ant0

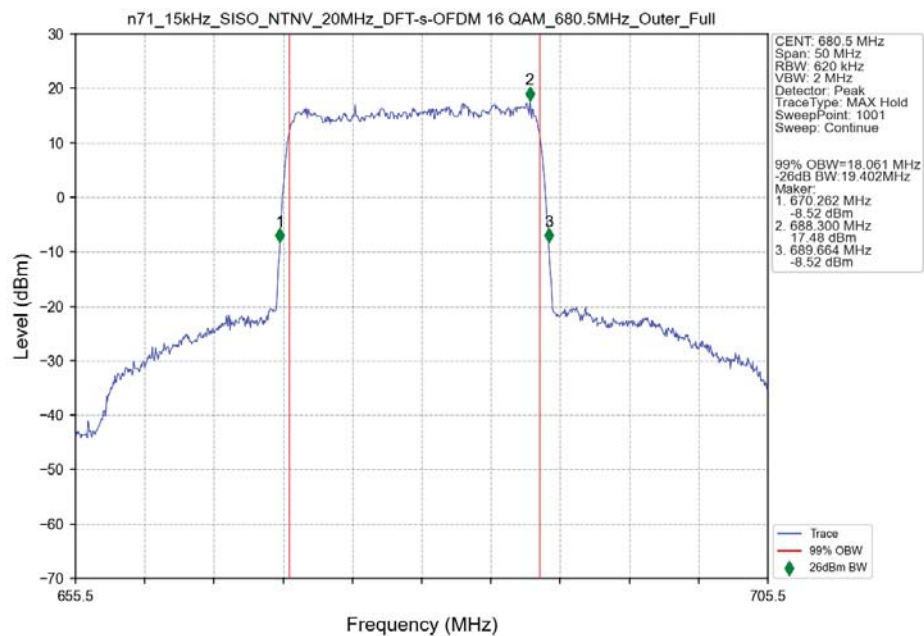


3.2.4 15_S_20M_NTNV

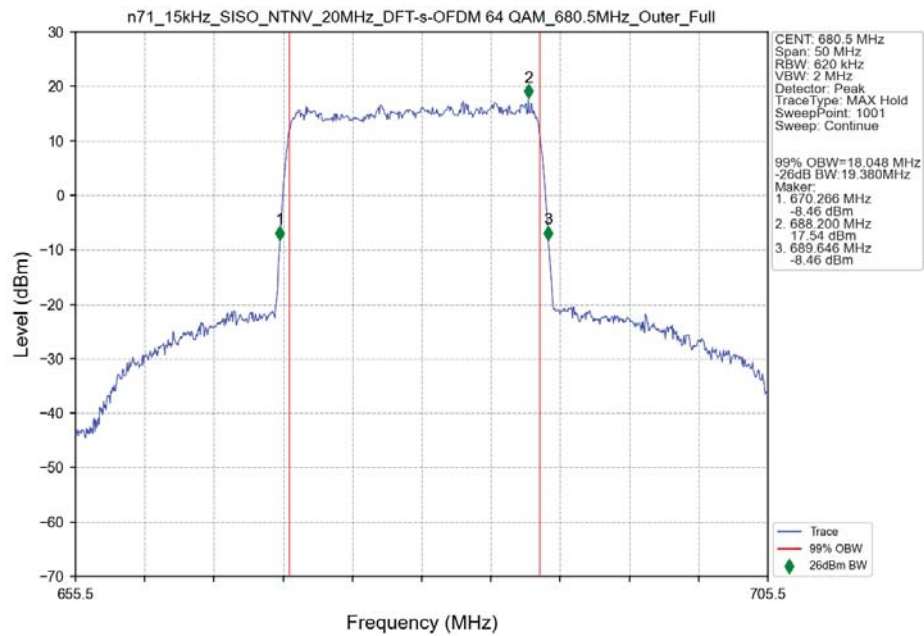
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_680.5MHz_Outer_Full_Ant0



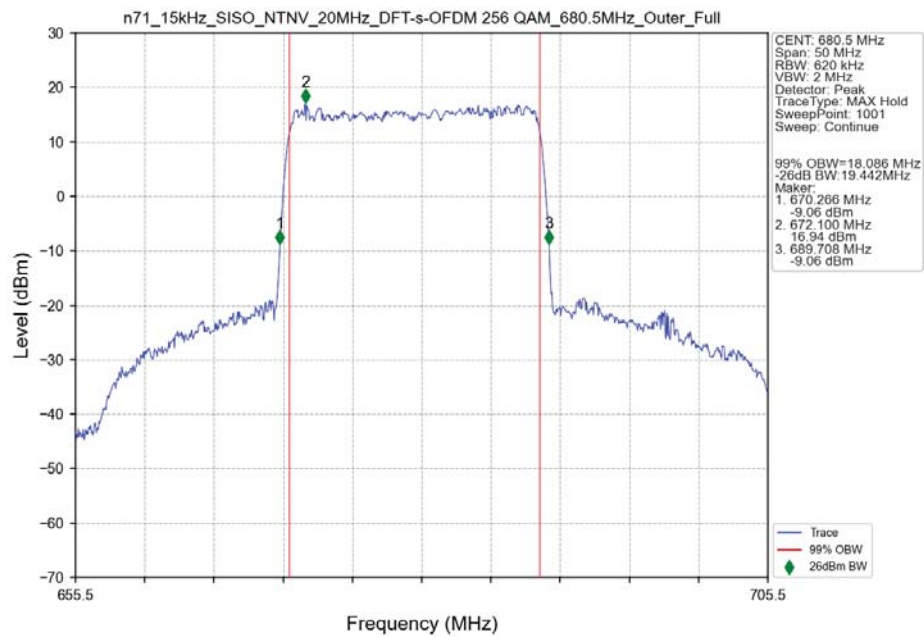
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



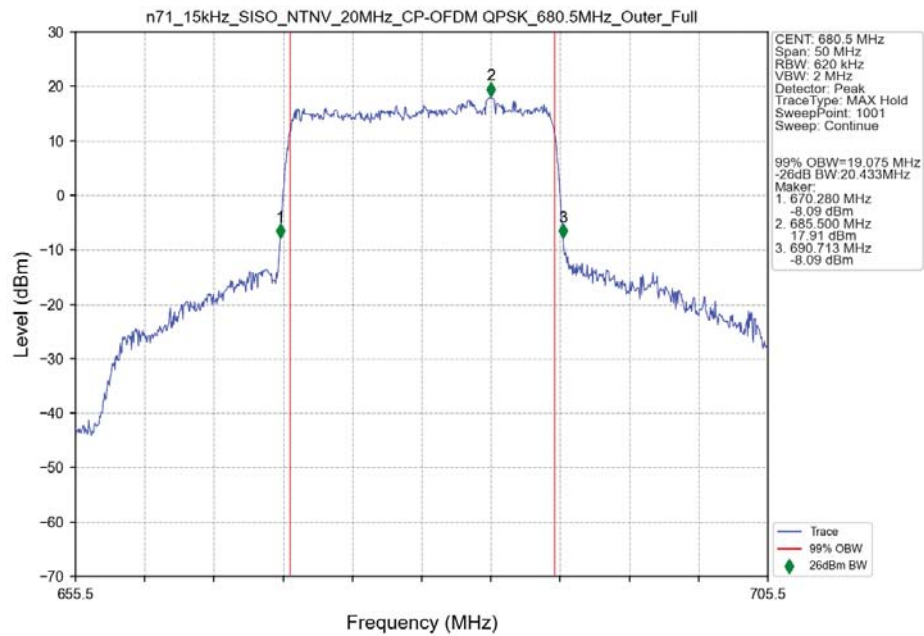
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM 680.5MHz_Outer_Full_Ant0



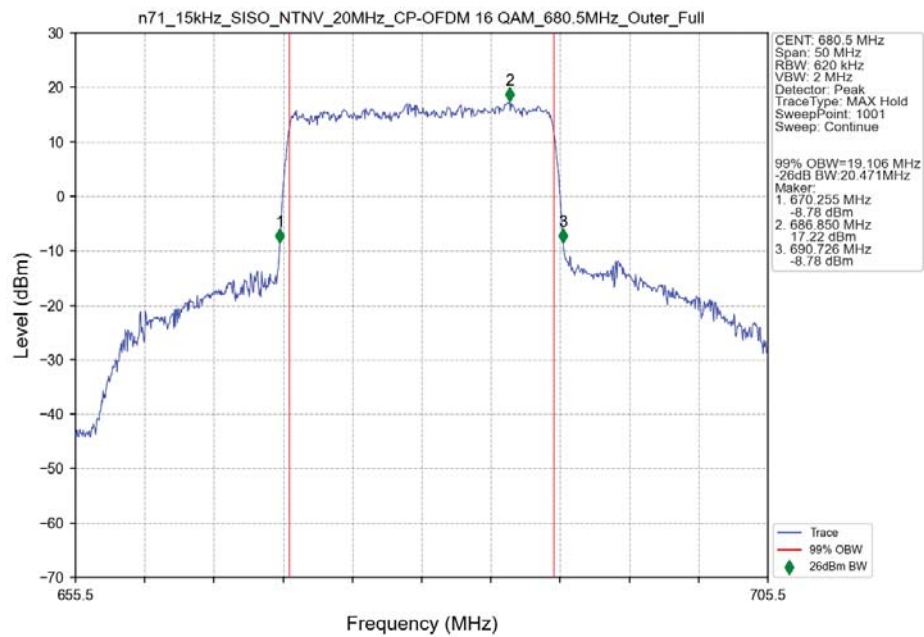
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM 680.5MHz_Outer_Full_Ant0



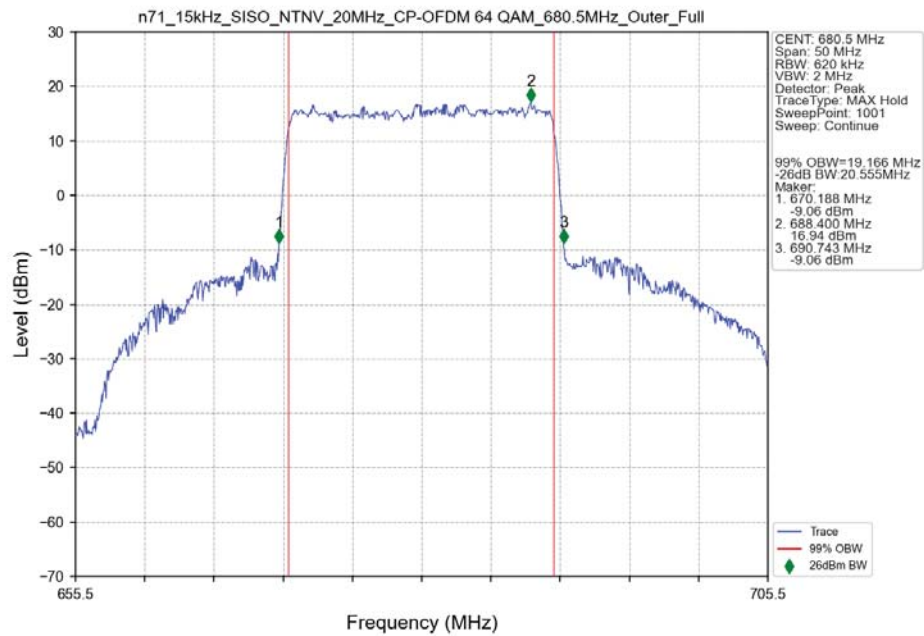
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_680.5MHz_Outer_Full_Ant0



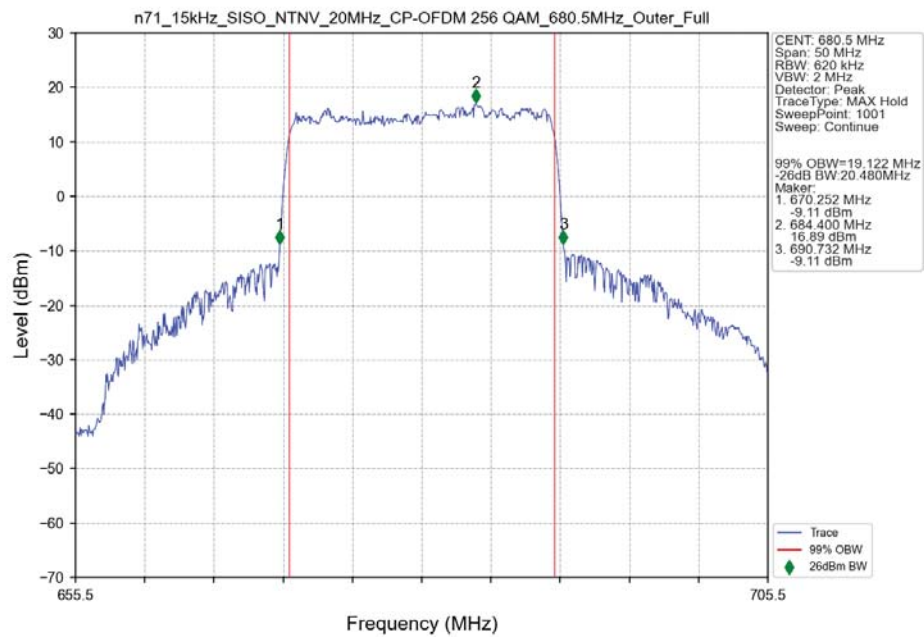
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



n71_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 680.5MHz_Outer_Full_Ant0

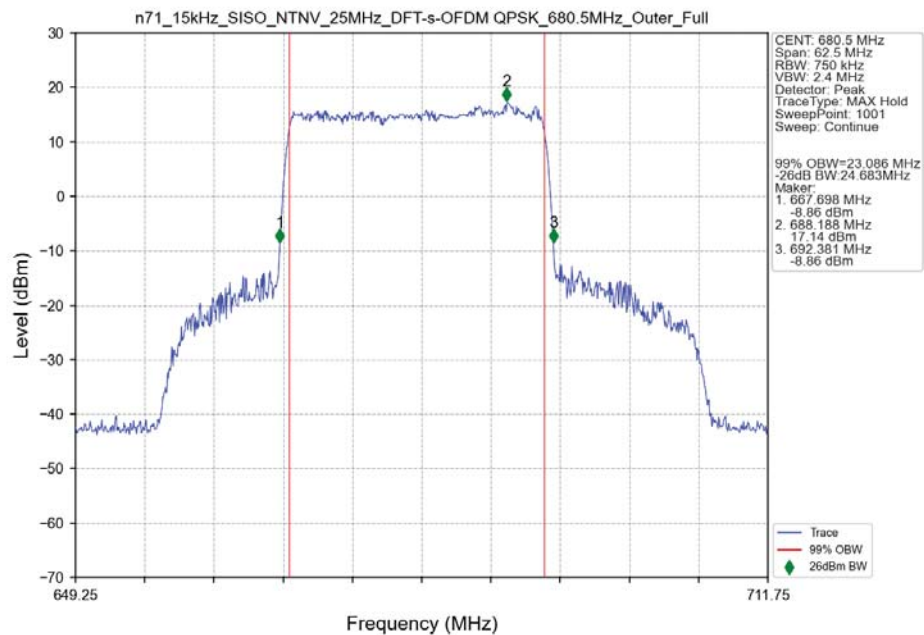


n71_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM 680.5MHz_Outer_Full_Ant0

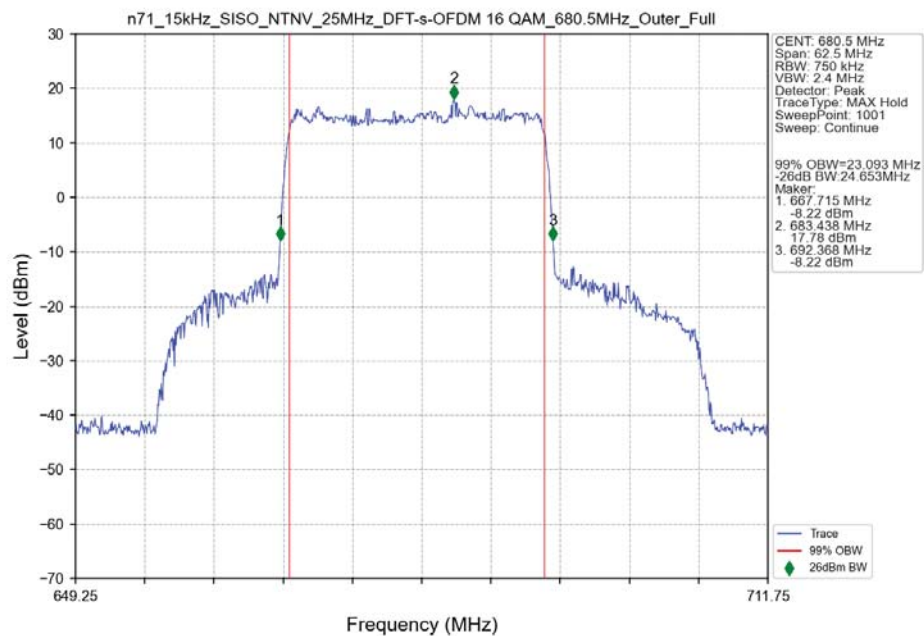


3.2.5 15_S_25M_NTNV

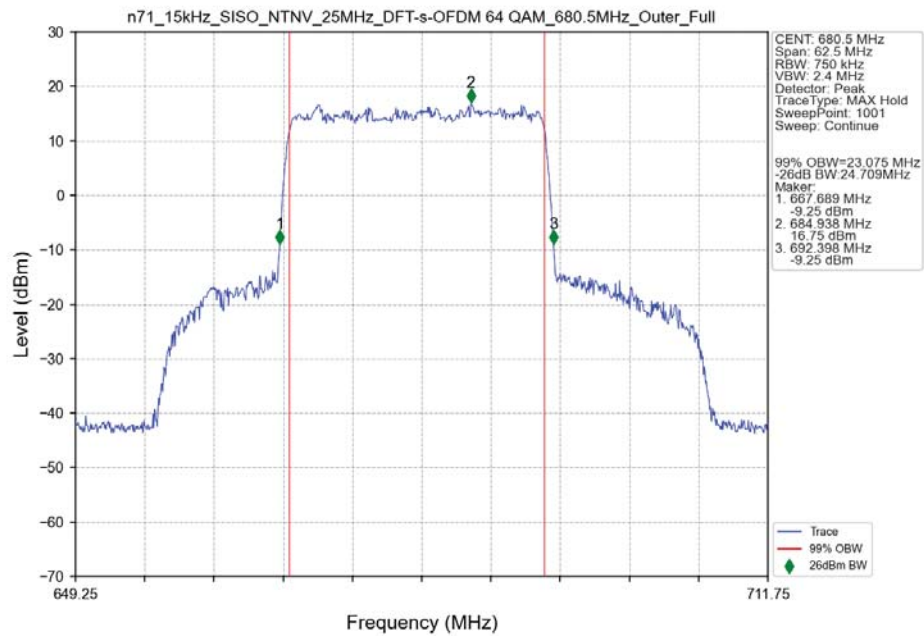
n71_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_680.5MHz_Outer_Full_Ant0



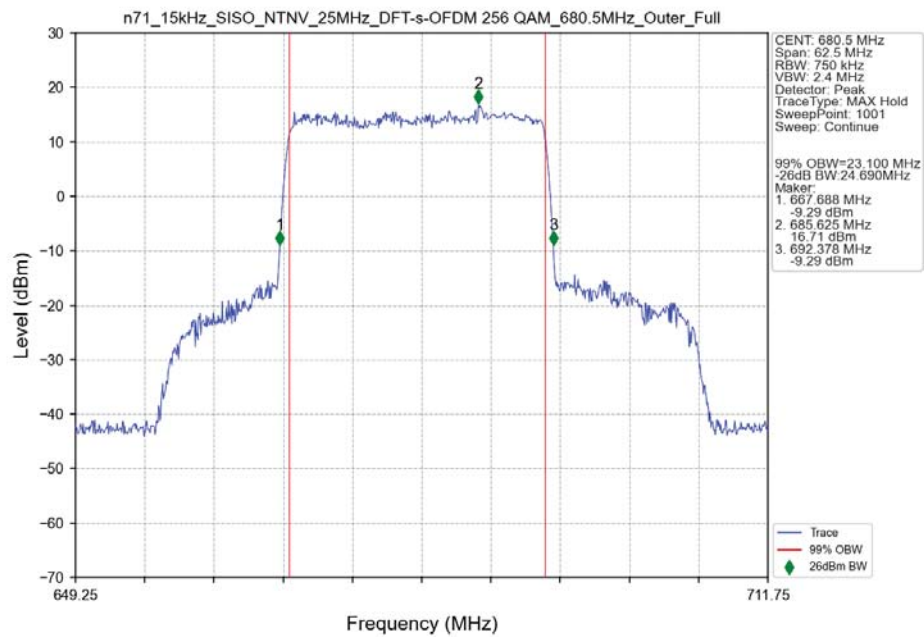
n71_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM 16 QAM_680.5MHz_Outer_Full_Ant0



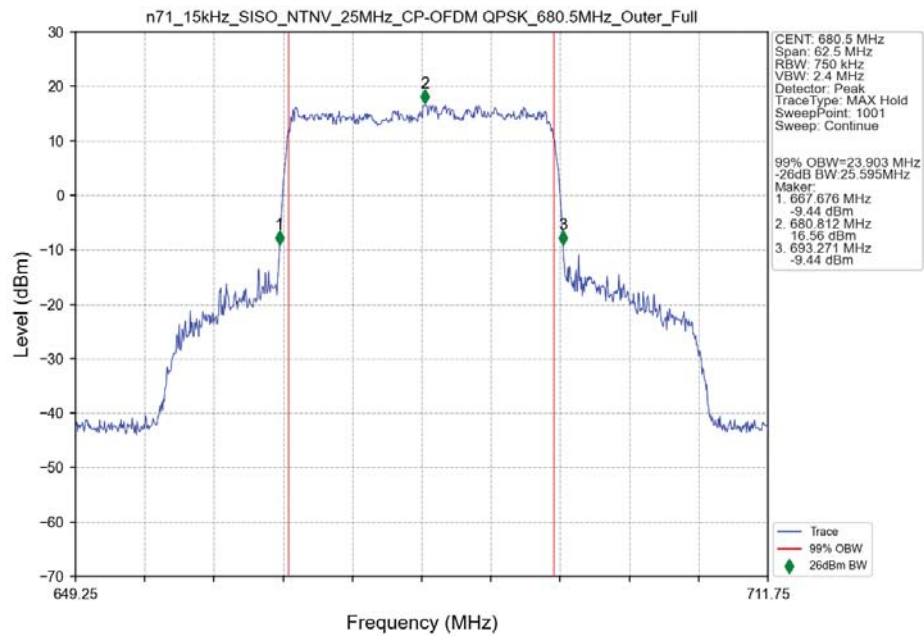
n71_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_64_QAM_680.5MHz_Outer_Full_Ant0



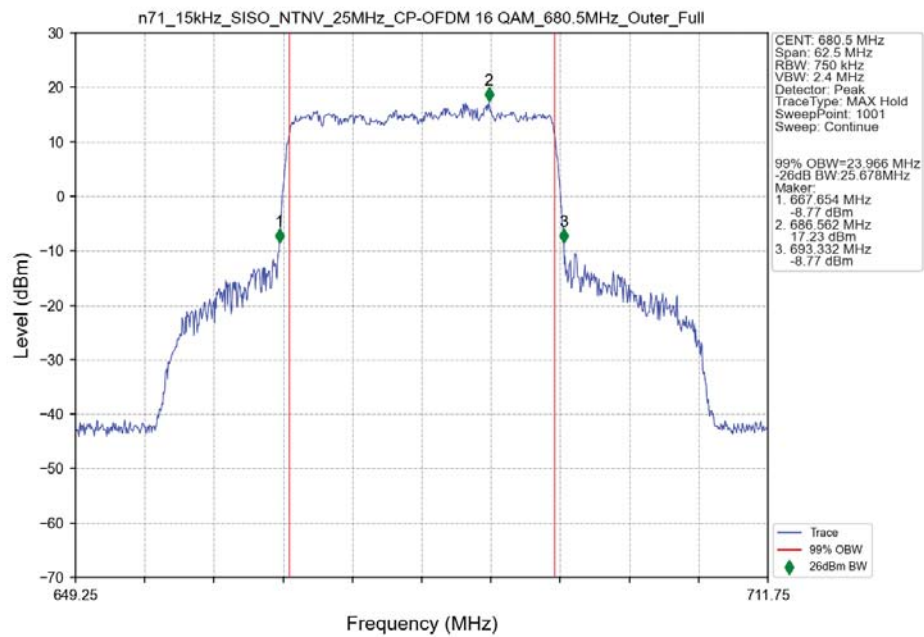
n71_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_680.5MHz_Outer_Full_Ant0



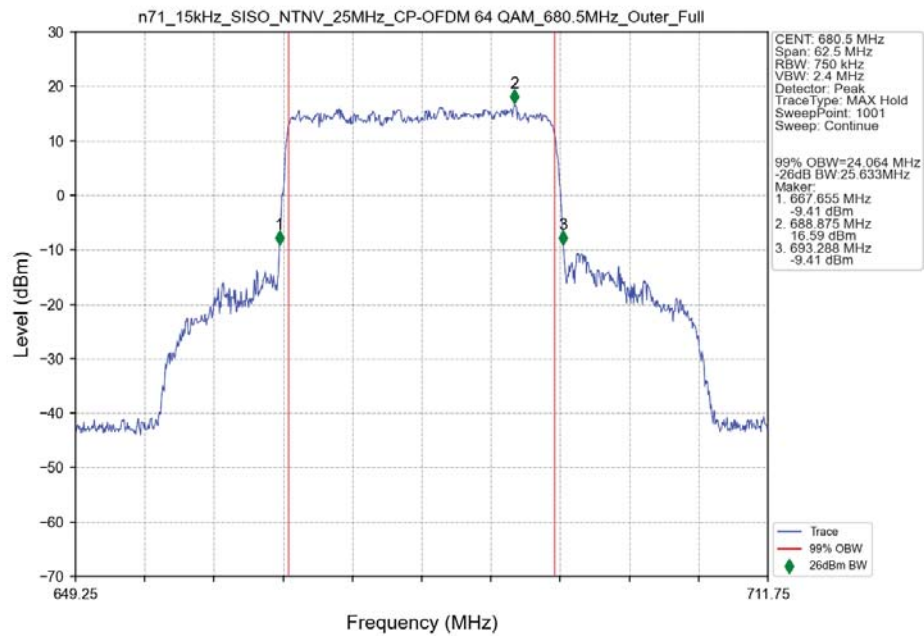
n71_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_680.5MHz_Outer_Full_Ant0



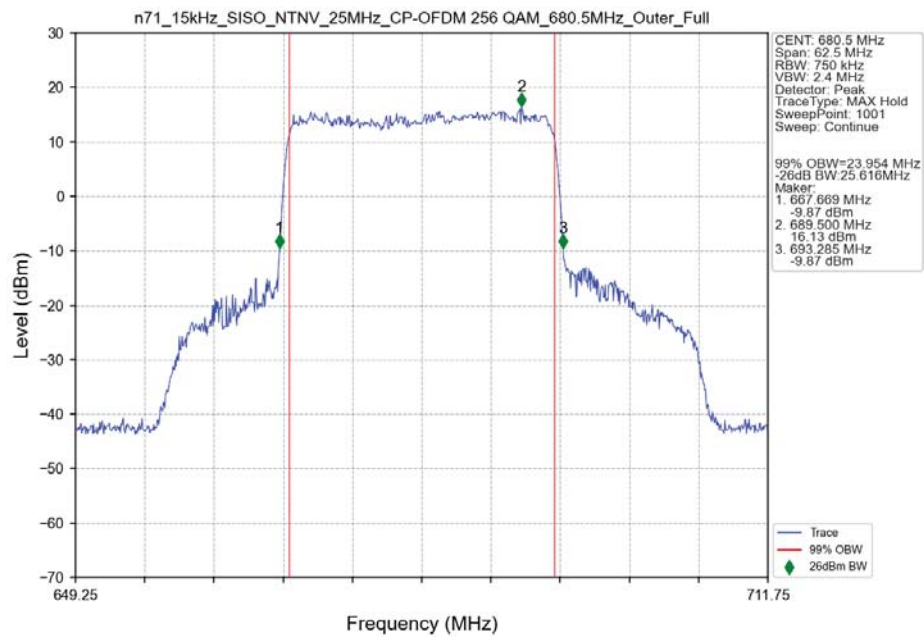
n71_15kHz_SISO_NTNV_25MHz_CP-OFDM 16 QAM 680.5MHz_Outer_Full_Ant0



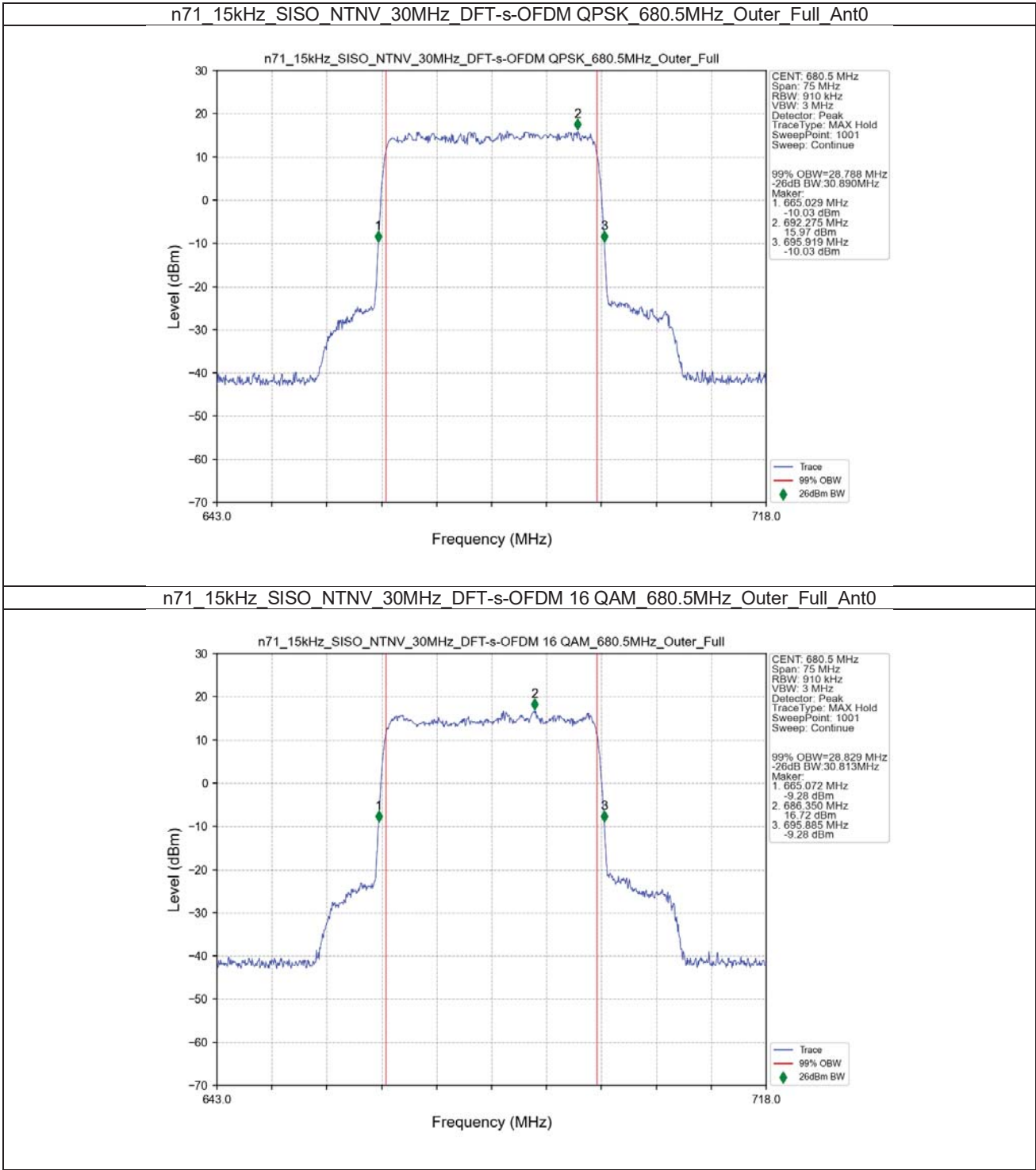
n71_15kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM 680.5MHz_Outer_Full_Ant0



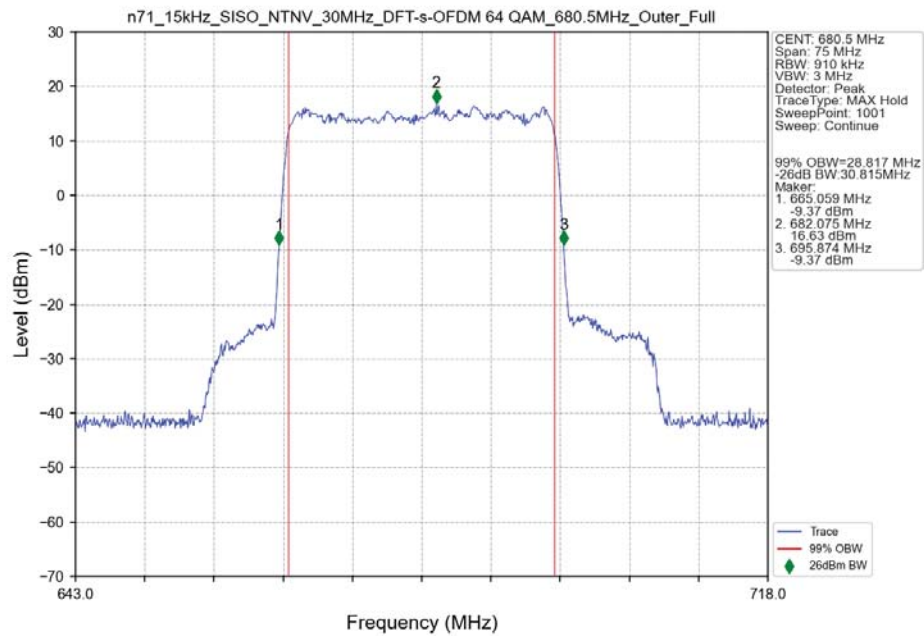
n71_15kHz_SISO_NTNV_25MHz_CP-OFDM 256 QAM 680.5MHz_Outer_Full_Ant0



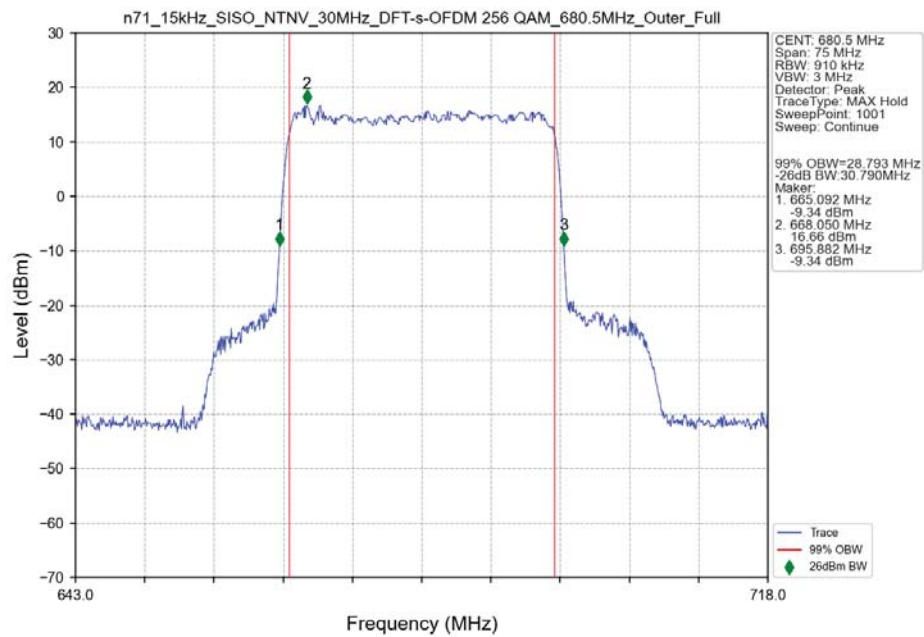
3.2.6 15_S_30M_NTNV



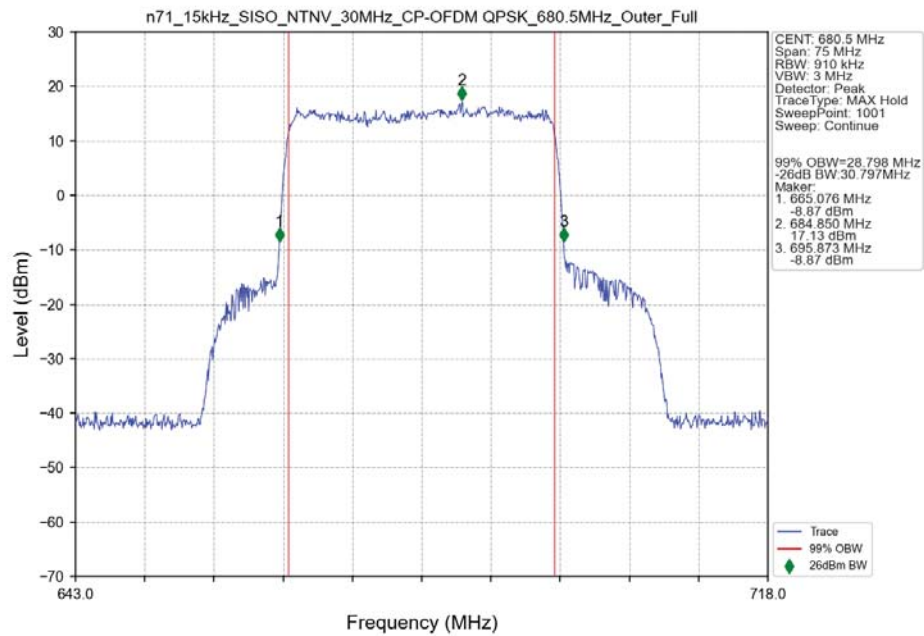
n71_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_64_QAM_680.5MHz_Outer_Full_Ant0



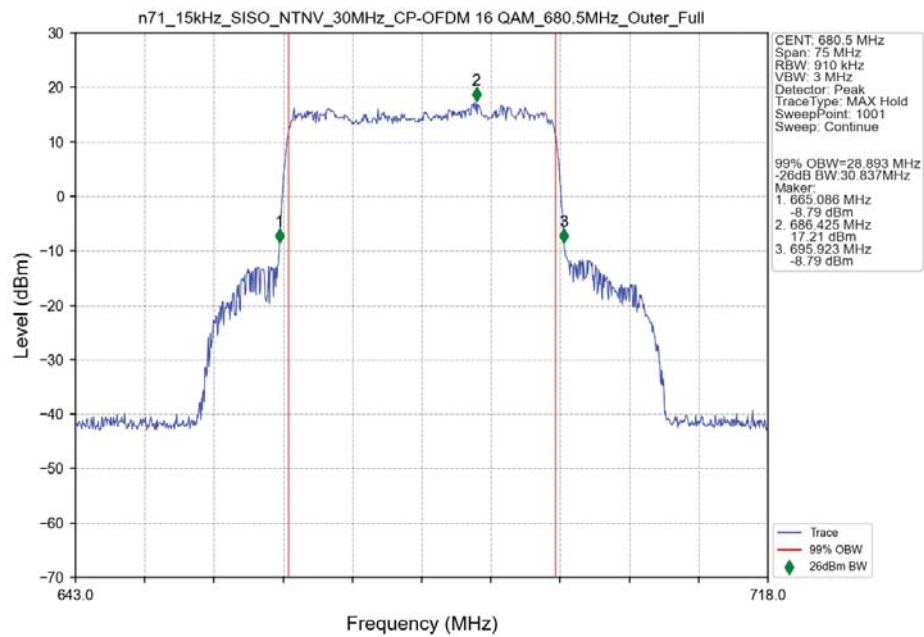
n71_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_256_QAM_680.5MHz_Outer_Full_Ant0



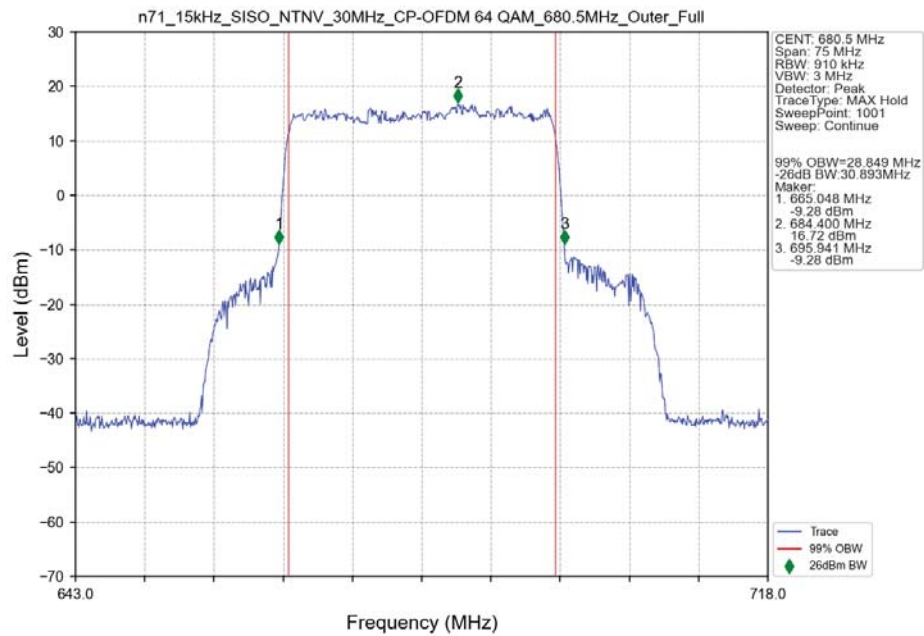
n71_15kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_680.5MHz_Outer_Full_Ant0



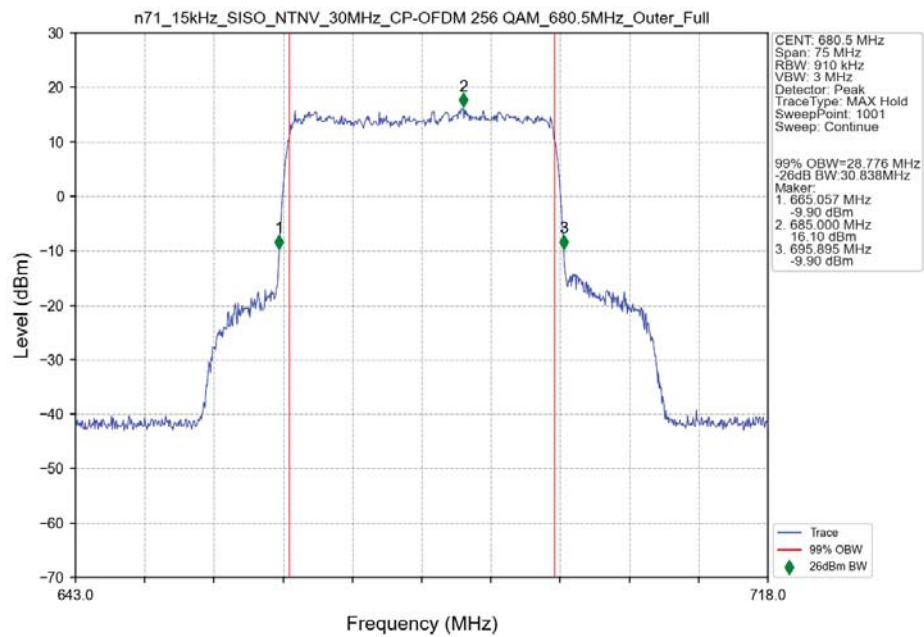
n71_15kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM 680.5MHz_Outer_Full_Ant0



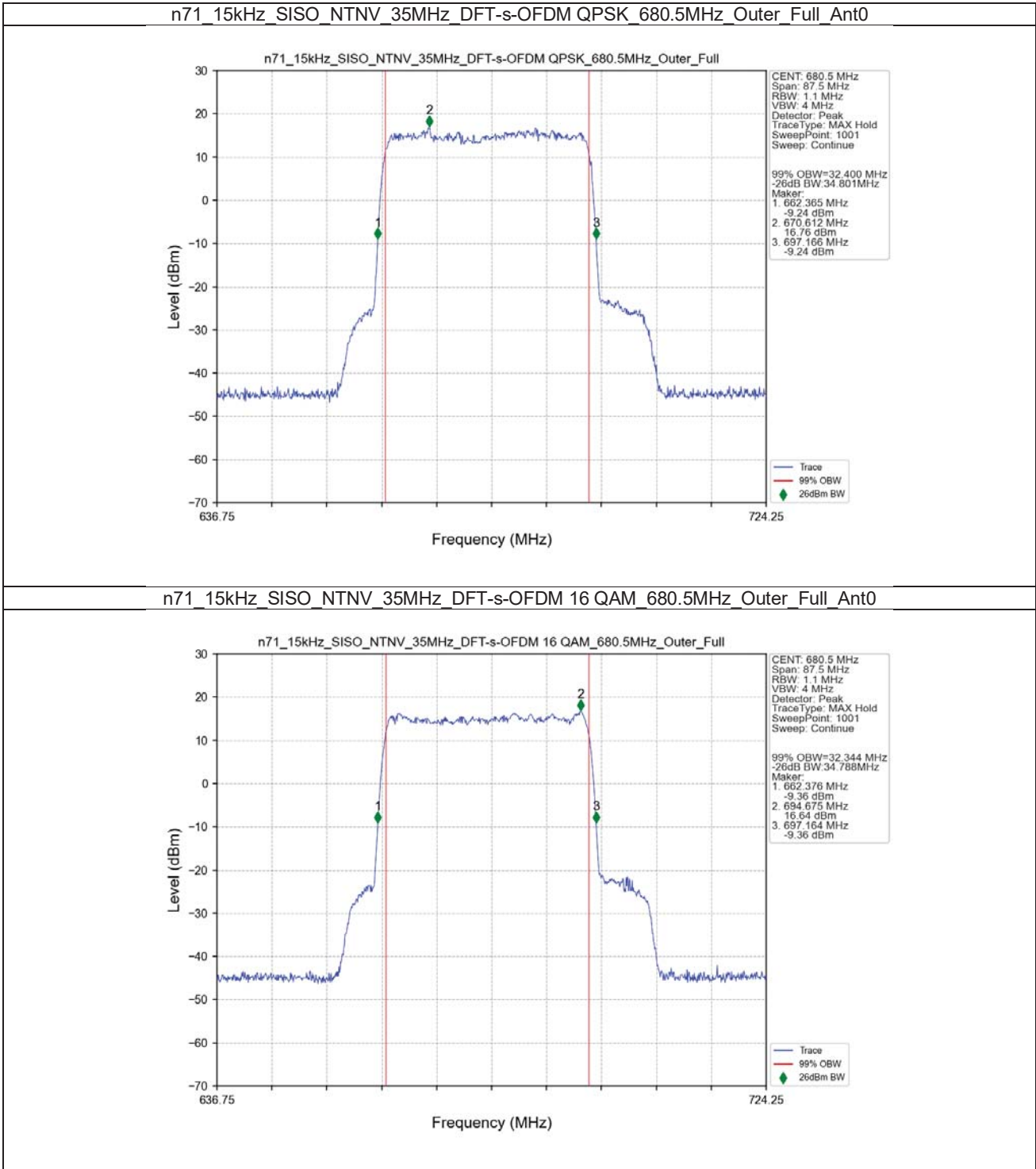
n71_15kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM 680.5MHz_Outer_Full_Ant0



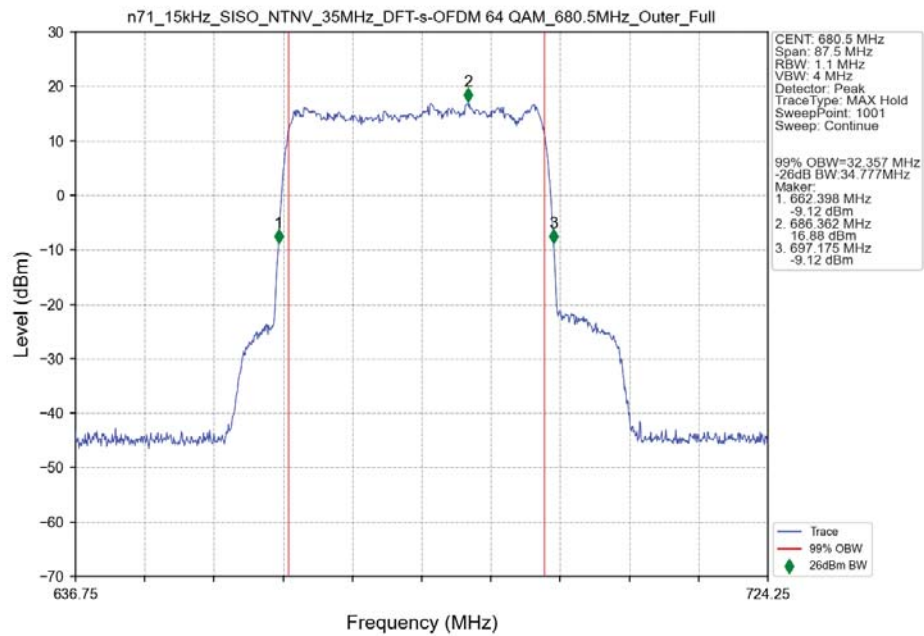
n71_15kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM 680.5MHz_Outer_Full_Ant0



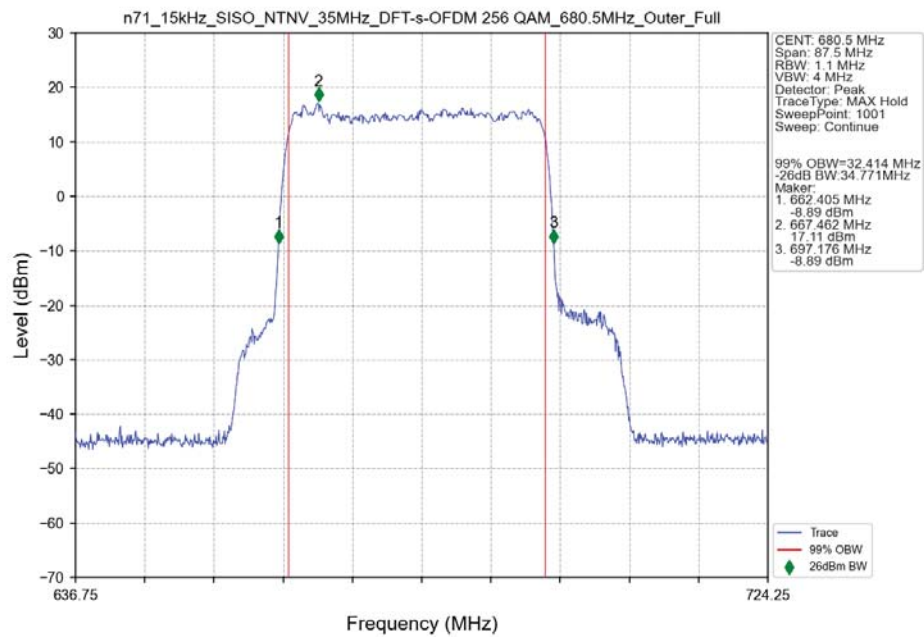
3.2.7 15_S_35M_NTNV



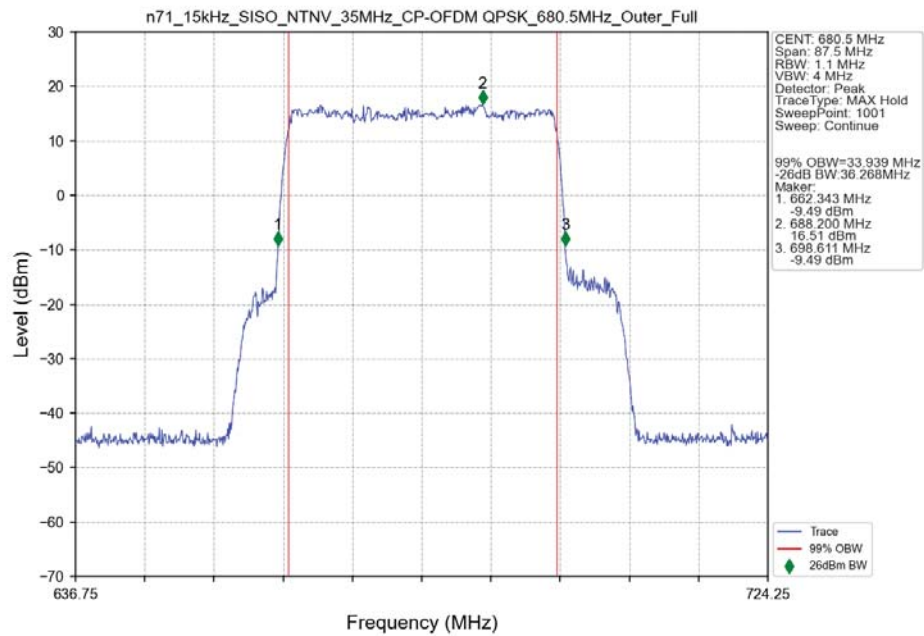
n71_15kHz_SISO_NTNV_35MHz_DFT-s-OFDM 64 QAM_680.5MHz_Outer_Full_Ant0



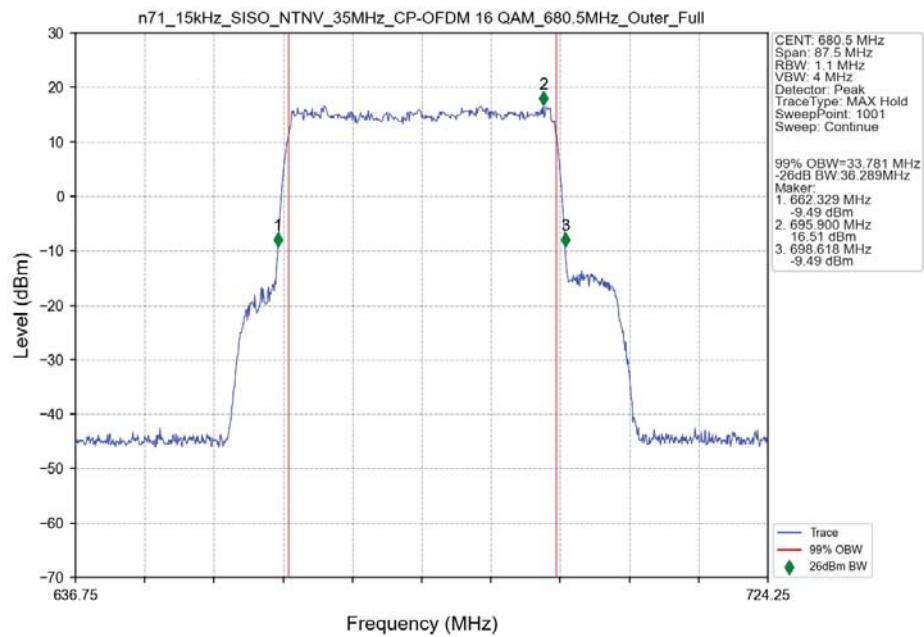
n71_15kHz_SISO_NTNV_35MHz_DFT-s-OFDM 256 QAM_680.5MHz_Outer_Full_Ant0



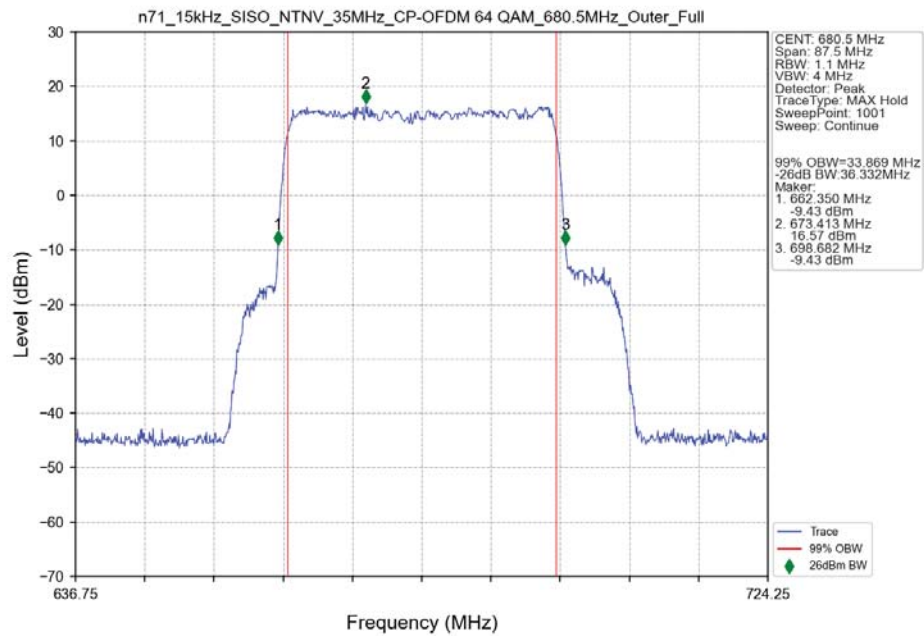
n71_15kHz_SISO_NTNV_35MHz_CP-OFDM_QPSK_680.5MHz_Outer_Full_Ant0



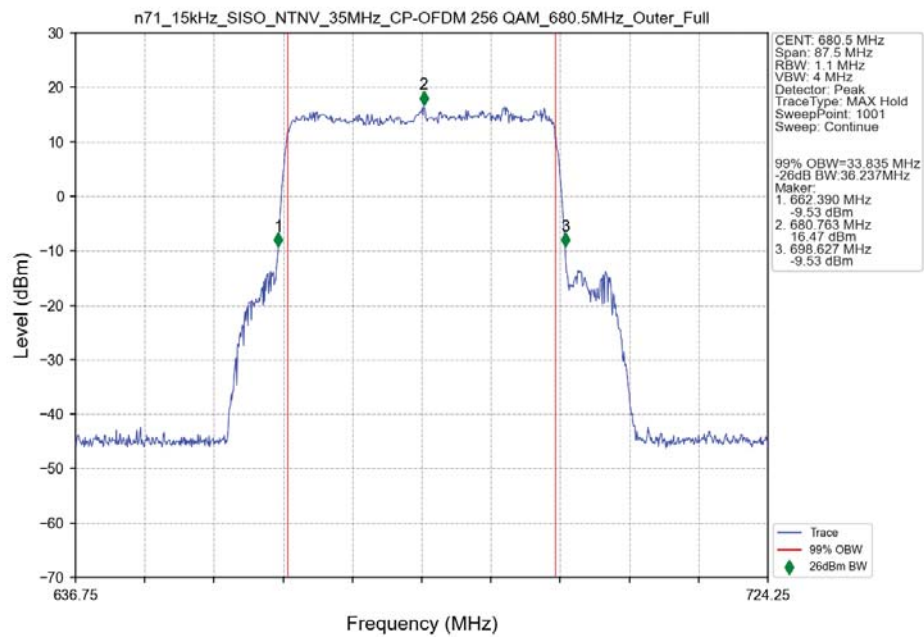
n71_15kHz_SISO_NTNV_35MHz_CP-OFDM_16 QAM_680.5MHz_Outer_Full_Ant0



n71_15kHz_SISO_NTNV_35MHz_CP-OFDM 64 QAM 680.5MHz_Outer_Full_Ant0



n71_15kHz_SISO_NTNV_35MHz_CP-OFDM 256 QAM 680.5MHz_Outer_Full_Ant0



4. Peak-Average Ratio

4.1 Test Result

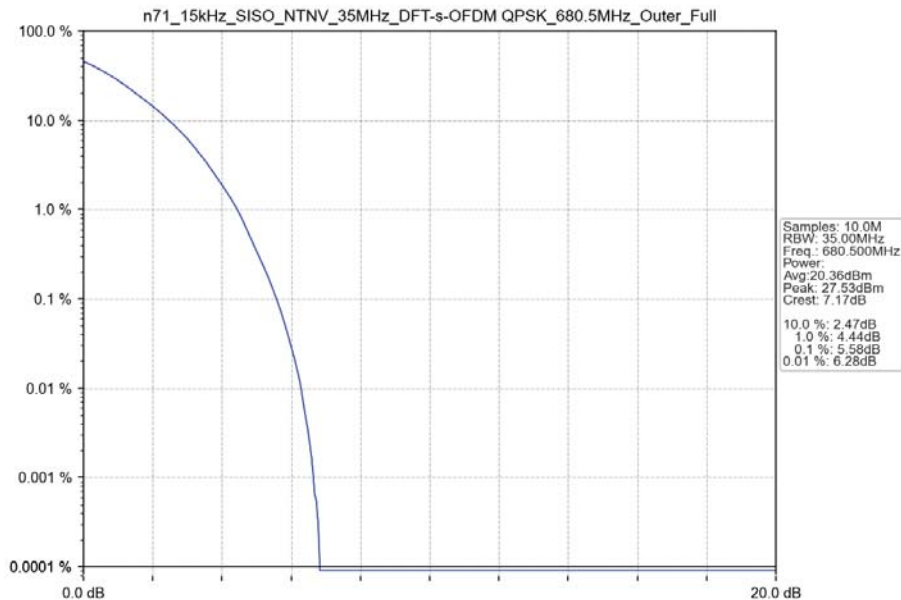
4.1.1 15_S_35M_NTNV

5G NR n71 SCS=15kHz SISO 35MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	680.5	Outer_Full	5.58	/	/	<=13	Pass
CP-OFDM QPSK	680.5	Outer_Full	7.53	/	/	<=13	Pass

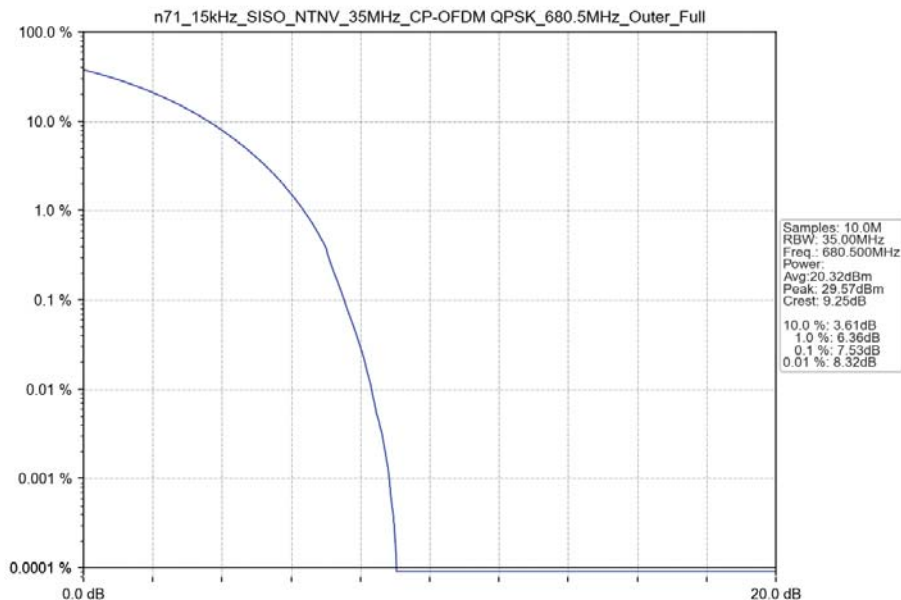
4.2 Test Graph

4.2.1 15_S_35M_NTNV

n71_15kHz_SISO_NTNV_35MHz_DFT-s-OFDM QPSK_680.5MHz_Outer_Full_Ant0



n71_15kHz_SISO_NTNV_35MHz_CP-OFDM QPSK_680.5MHz_Outer_Full_Ant0



5. Spurious Emission

5.1 Test Result

5.1.1 15_S_5M_NTNV

5G NR n71 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM 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
		695.5	Edge_1RB_Right	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	CP-OFDM QPSK	665.5	Edge_1RB_Left	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
680.5		Edge_1RB_Left	Refer To Test Graph				Pass
		695.5	Edge_1RB_Right	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass

5.1.2 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 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
	688	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	673	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	680.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	688	Outer_Full	Refer To Test Graph				Pass

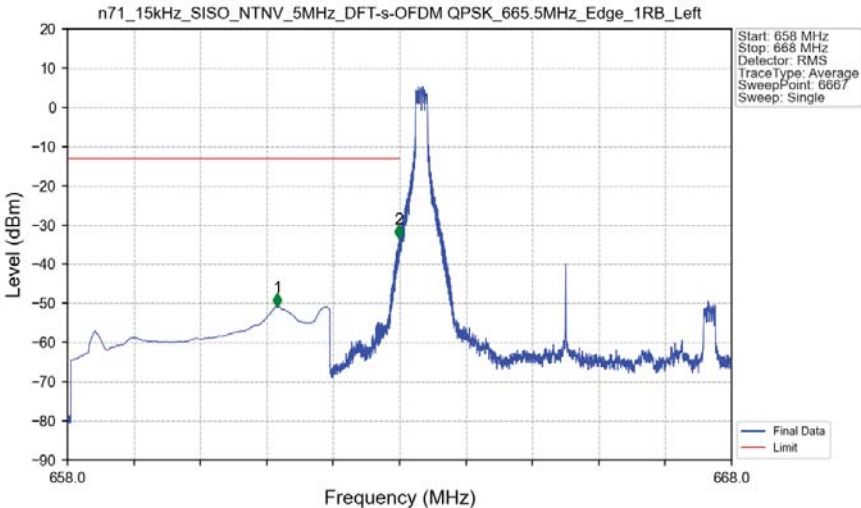
5.1.3 15_S_35M_NTNV

5G NR n71 SCS=15kHz SISO 35MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	680.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	680.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.2 Test Graph

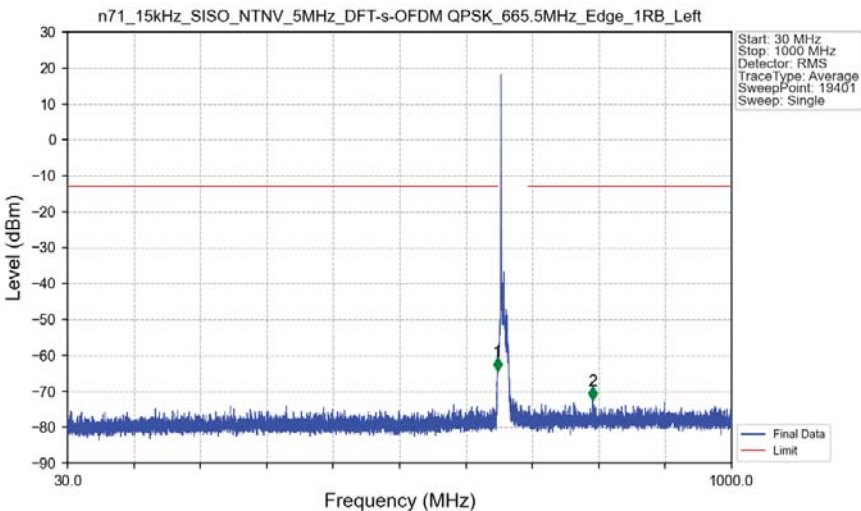
5.2.1 15_S_5M_NTNV

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_665.5MHz_Edge_1RB_Left_Ant0



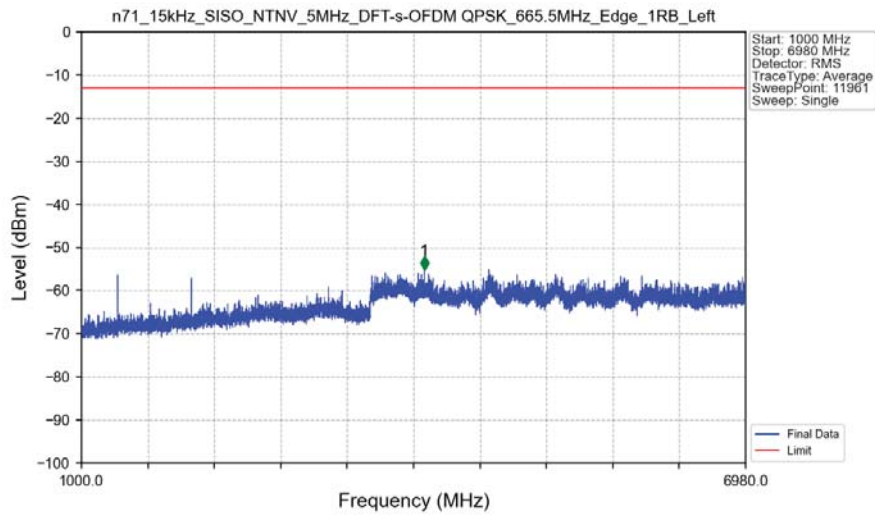
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.161	-50.80	-13	Pass
662	663	0.003	/	2	662.994	-33.48	-13	Pass
663	668	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_665.5MHz_Edge_1RB_Left_Ant0



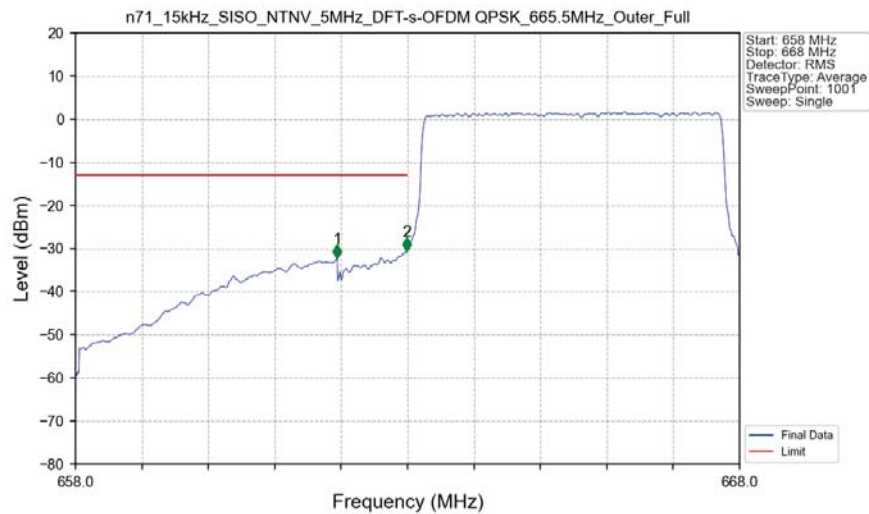
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.850	-64.37	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	797.000	-72.48	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Edge_1RB_Left Ant0



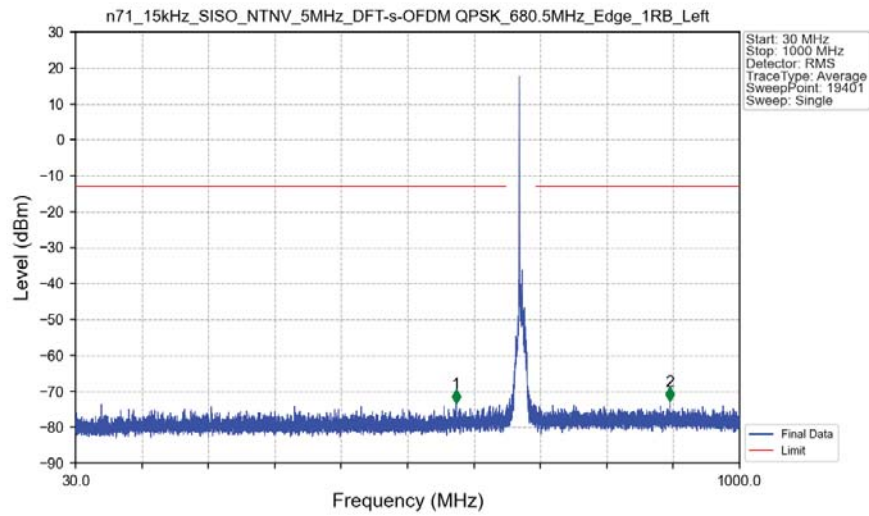
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	4086.500	-55.08	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Outer_Full Ant0

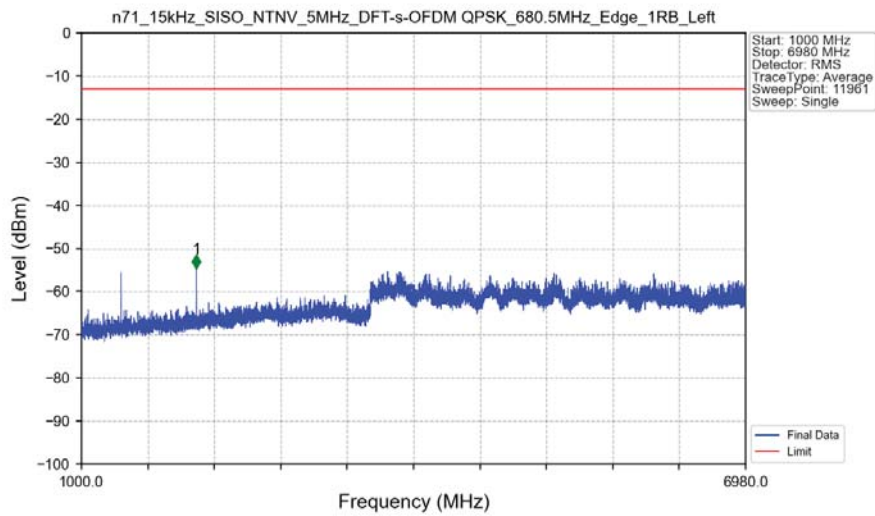


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.940	-32.30	-13	Pass
662	663	0.04995	CHP	2	662.990	-30.57	-13	Pass
663	668	0.04995	CHP	/	/	/	/	/

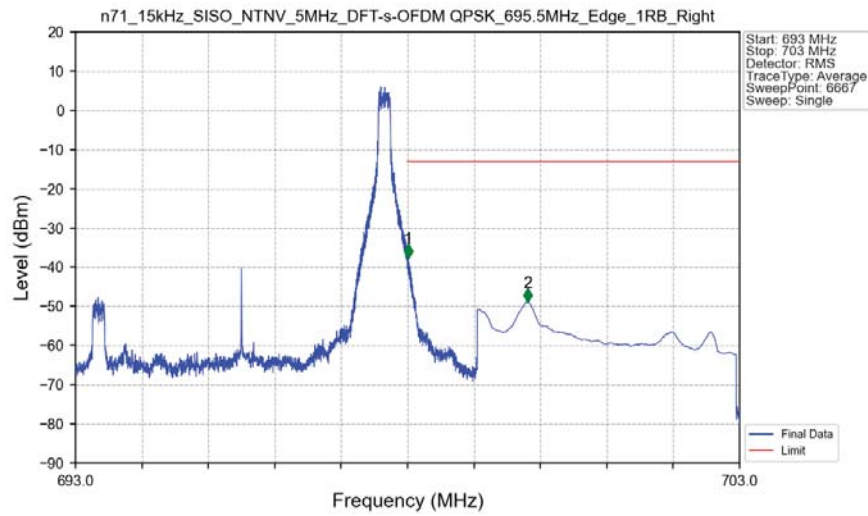
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0



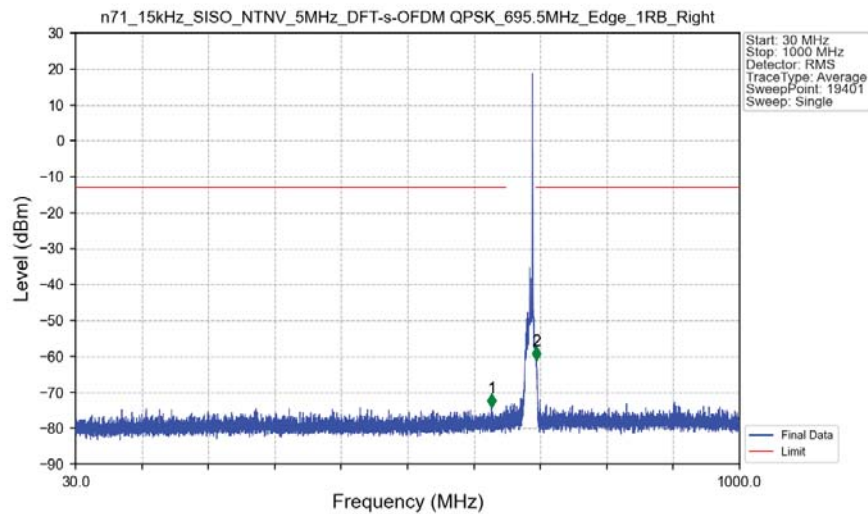
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0



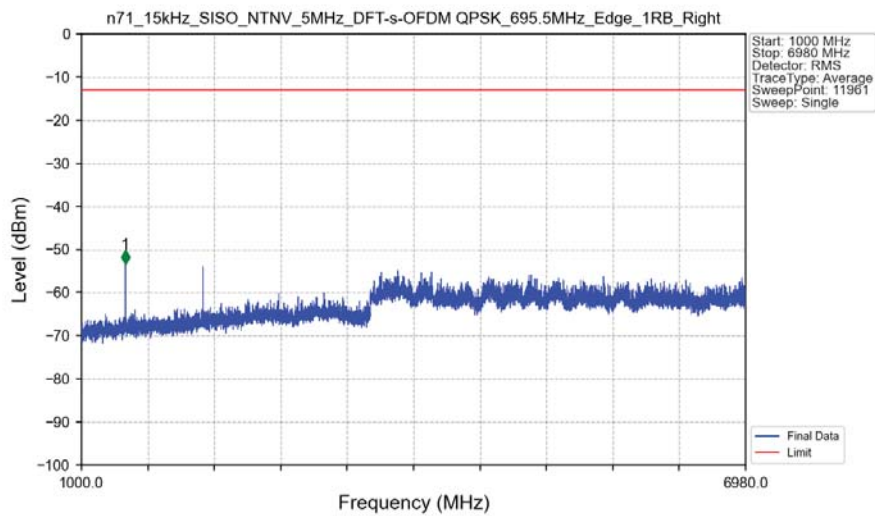
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_695.5MHz_Edge_1RB_Right_Ant0



n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_695.5MHz_Edge_1RB_Right_Ant0

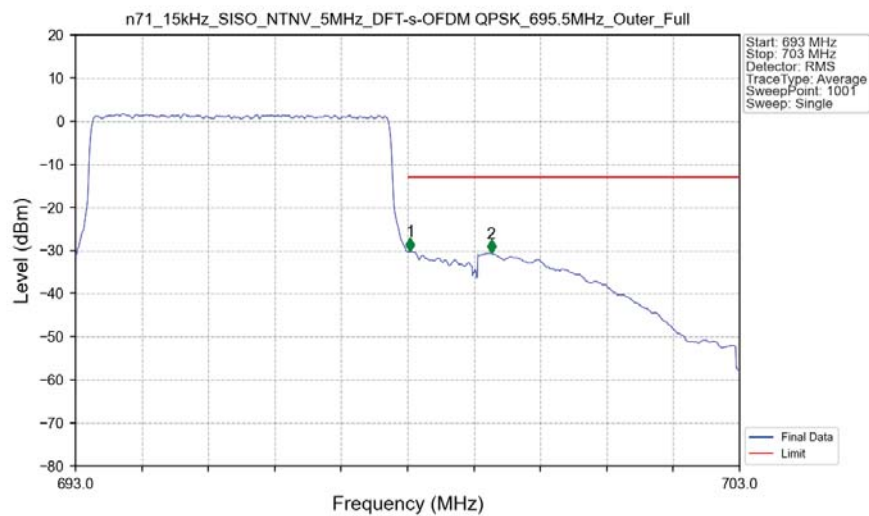


n71 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 695.5MHz Edge 1RB Right Ant0



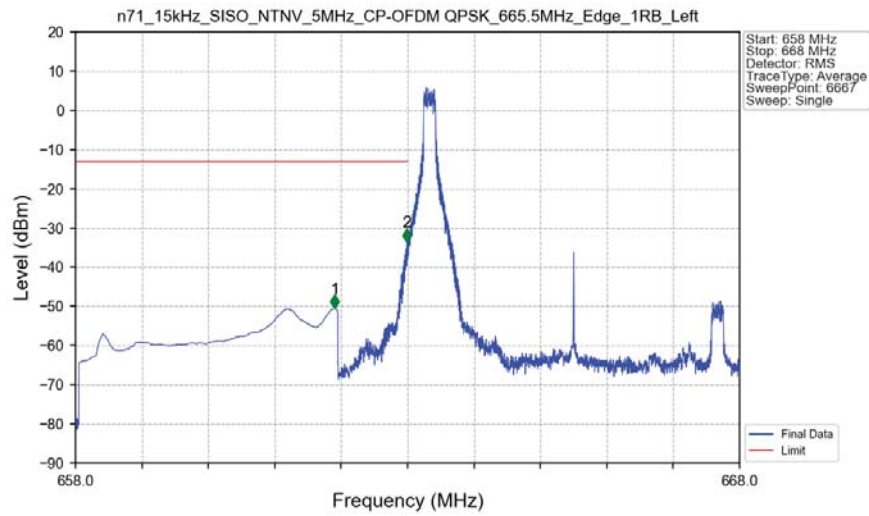
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1395.500	-53.39	-13	Pass

n71 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 695.5MHz Outer Full Ant0



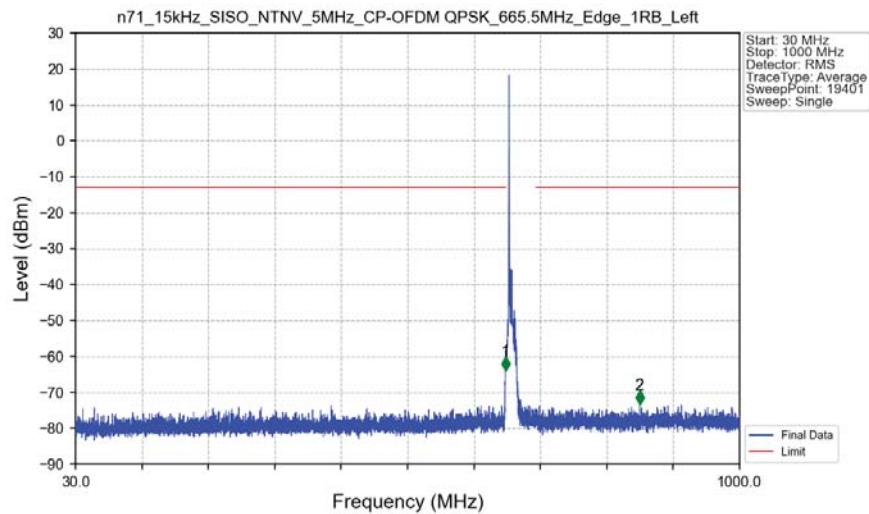
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.04995	CHP	/	/	/	/	/
698	699	0.04995	CHP	1	698.040	-30.13	-13	Pass
699	703	0.1	CHP	2	699.260	-30.53	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_665.5MHz_Edge_1RB_Left_Ant0



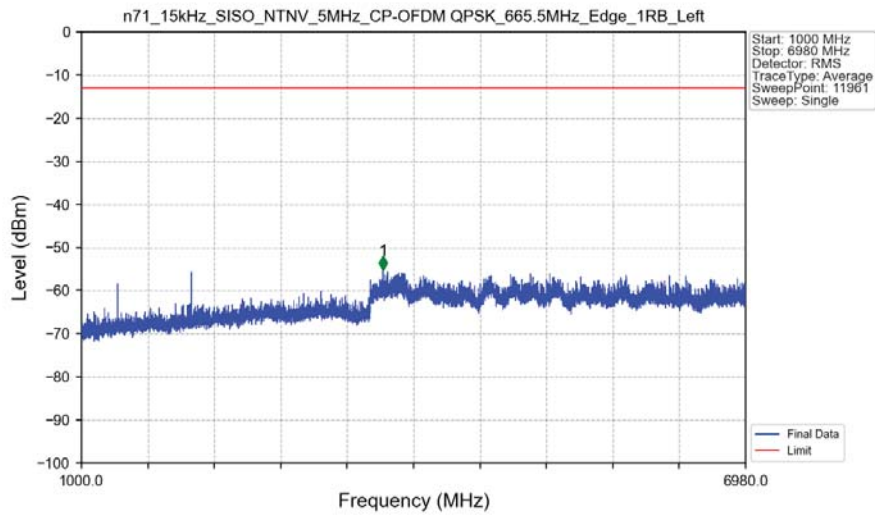
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.903	-50.49	-13	Pass
662	663	0.003	/	2	662.994	-33.53	-13	Pass
663	668	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_665.5MHz_Edge_1RB_Left_Ant0

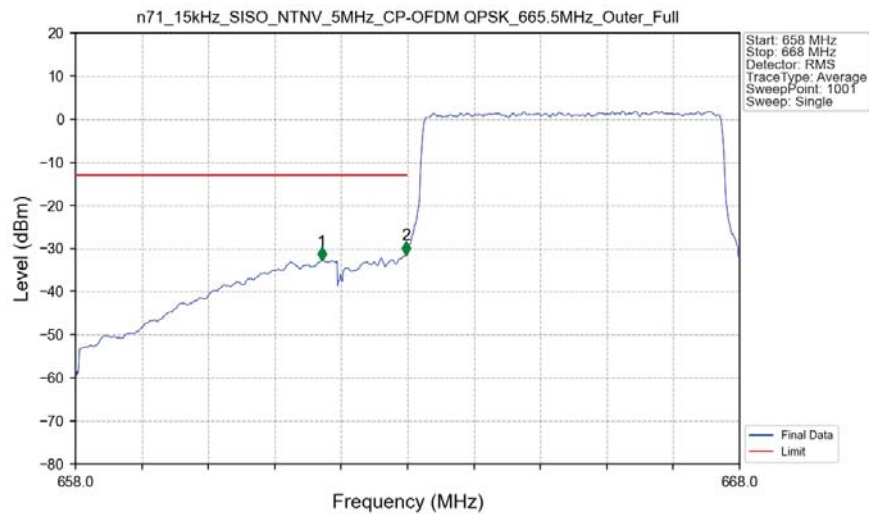


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.900	-64.02	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	853.850	-73.23	-13	Pass

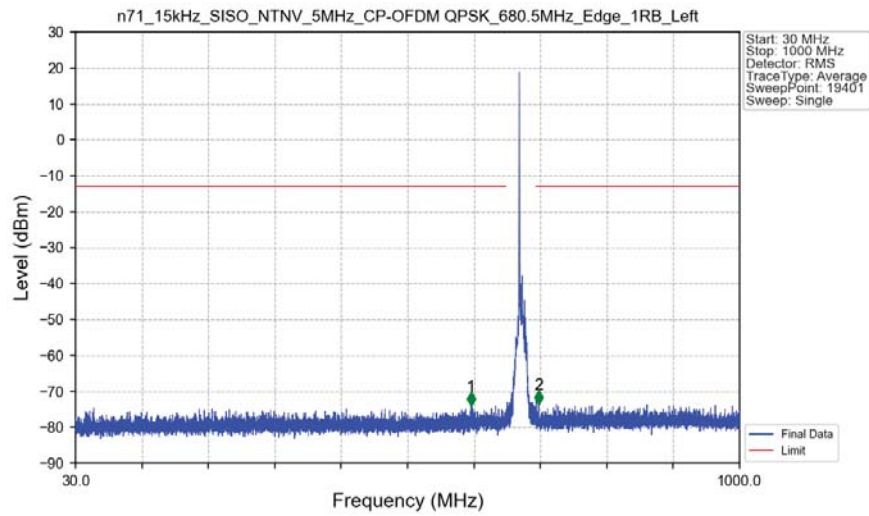
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant0



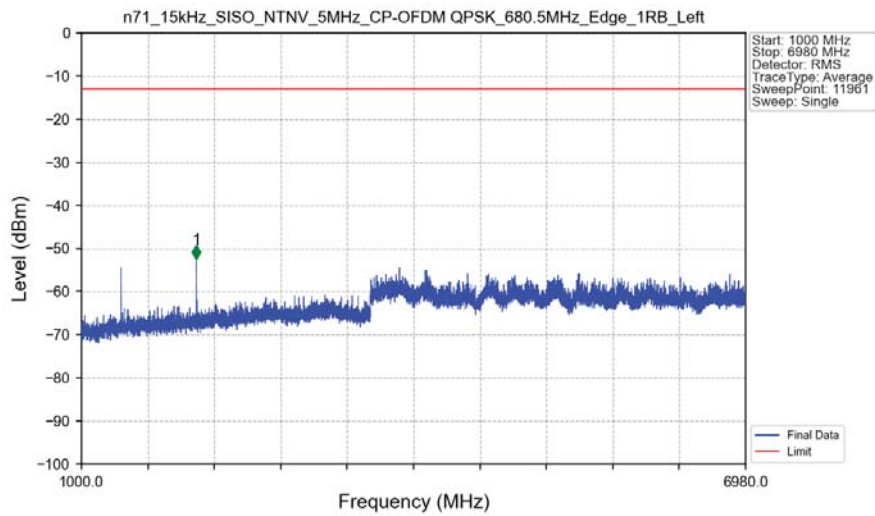
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_665.5MHz_Outer_Full_Ant0



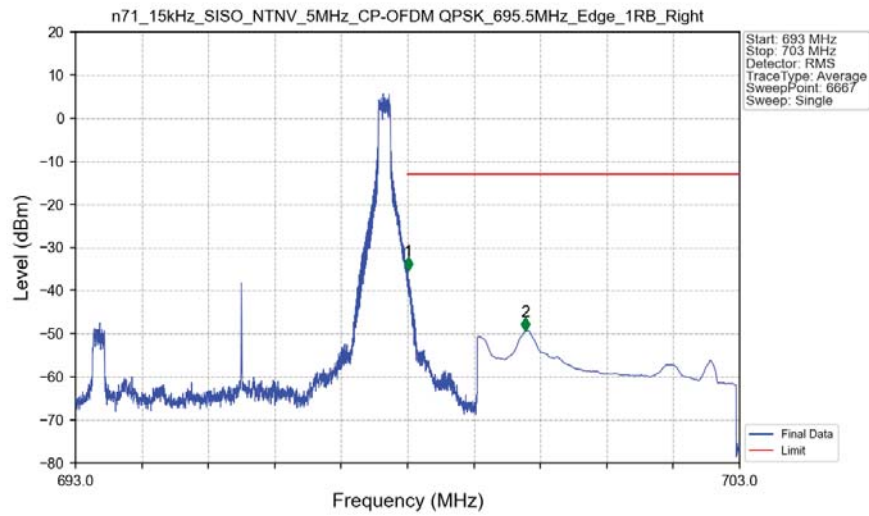
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_680.5MHz_Edge_1RB_Left_Ant0



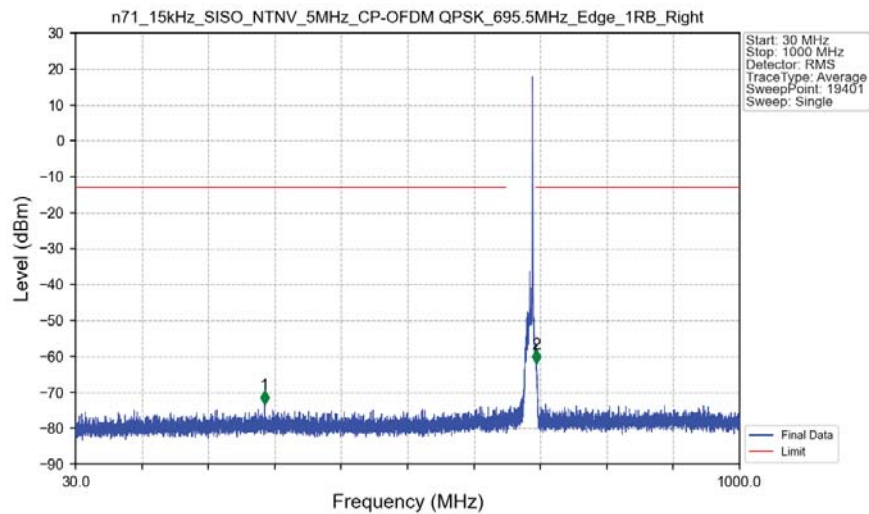
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_680.5MHz_Edge_1RB_Left_Ant0



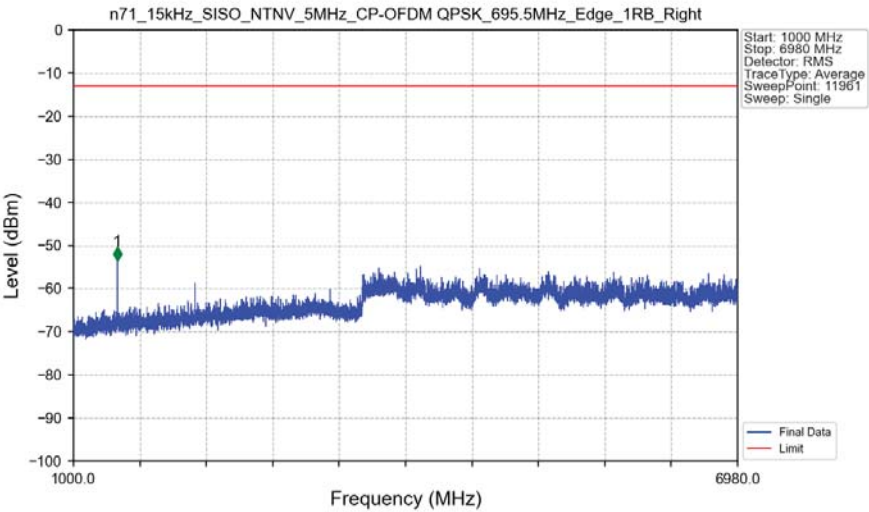
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_695.5MHz_Edge_1RB_Right_Ant0



n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_695.5MHz_Edge_1RB_Right_Ant0

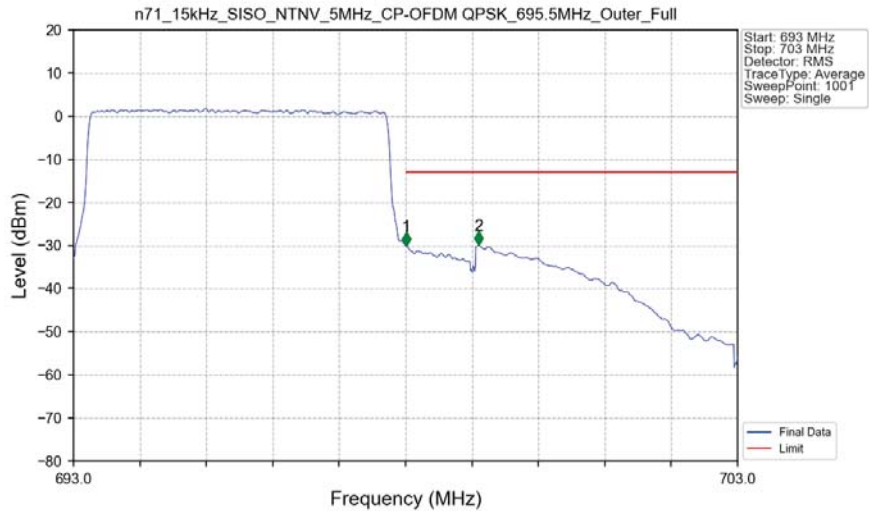


n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_695.5MHz_Edge_1RB_Right_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1395.000	-53.57	-13	Pass

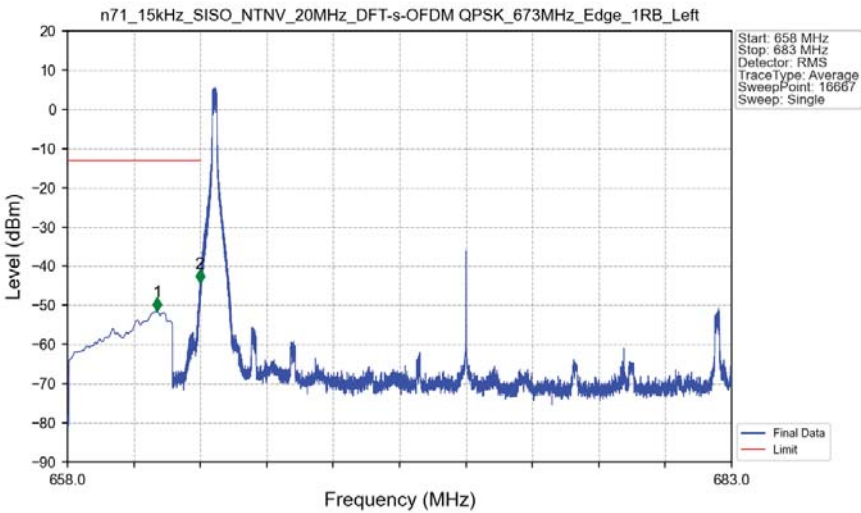
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_695.5MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.04995	CHP	/	/	/	/	/
698	699	0.04995	CHP	1	698.010	-29.99	-13	Pass
699	703	0.1	CHP	2	699.100	-29.88	-13	Pass

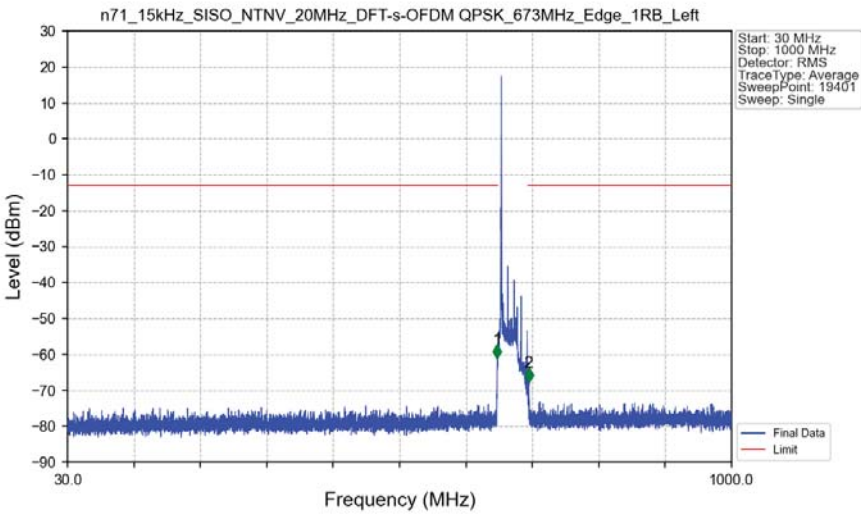
5.2.2 15_S_20M_NTNV

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_673MHz_Edge_1RB_Left_Ant0



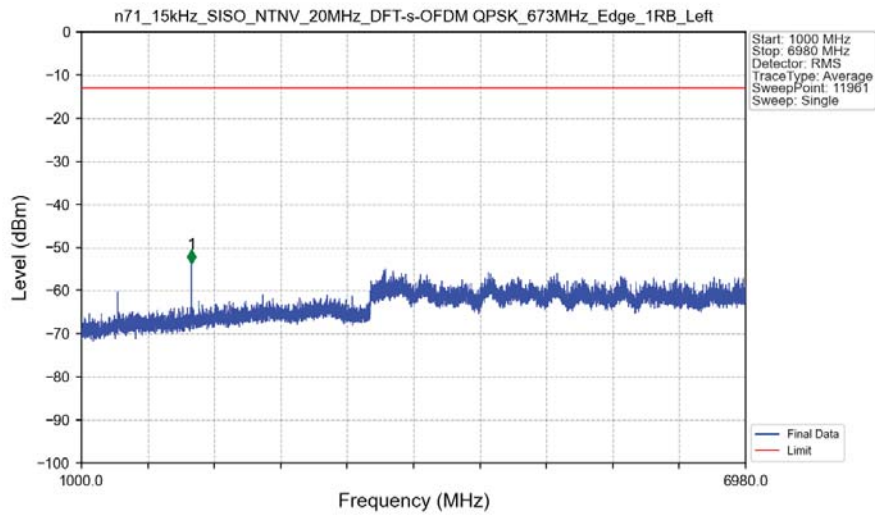
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.374	-51.39	-13	Pass
662	663	0.003	/	2	662.980	-44.23	-13	Pass
663	683	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_673MHz_Edge_1RB_Left_Ant0

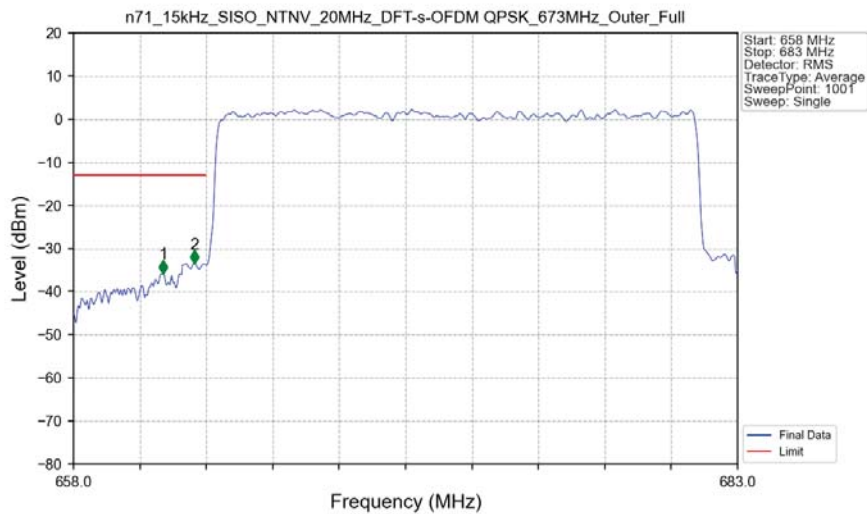


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.700	-61.00	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.800	-67.61	-13	Pass

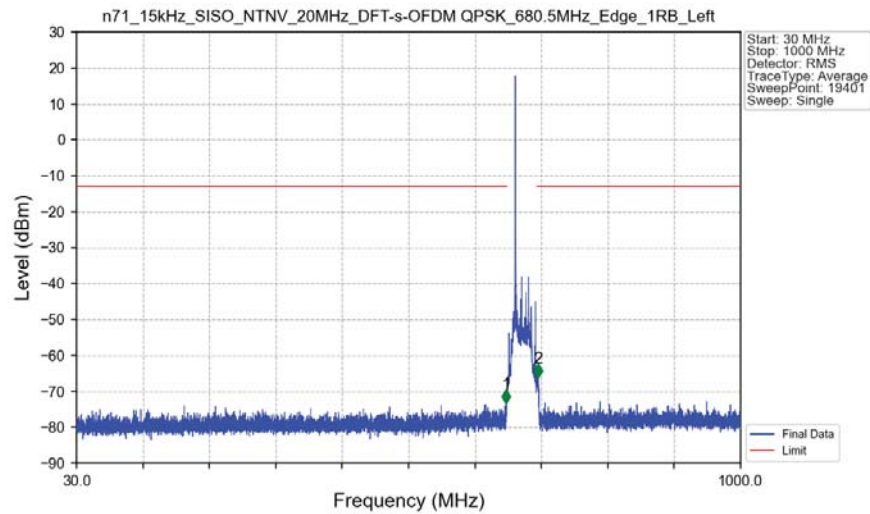
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_673MHz_Edge_1RB_Left Ant0



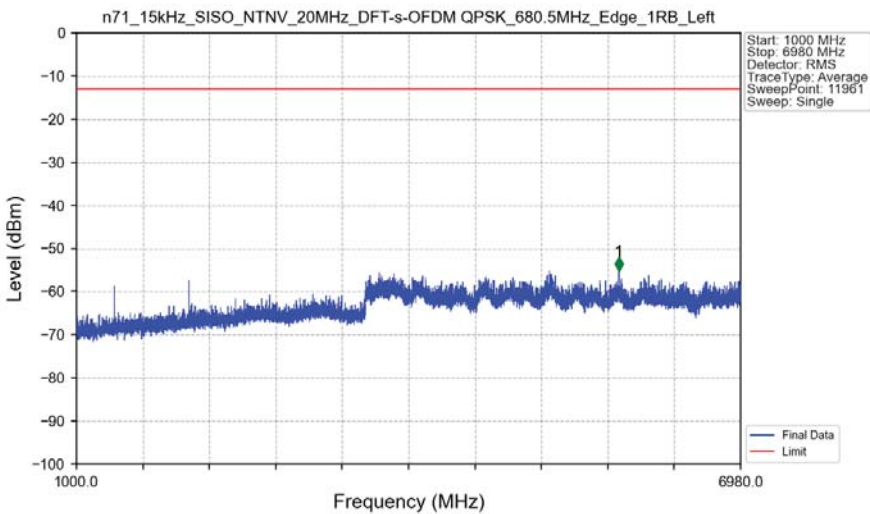
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_673MHz_Outer_Full Ant0



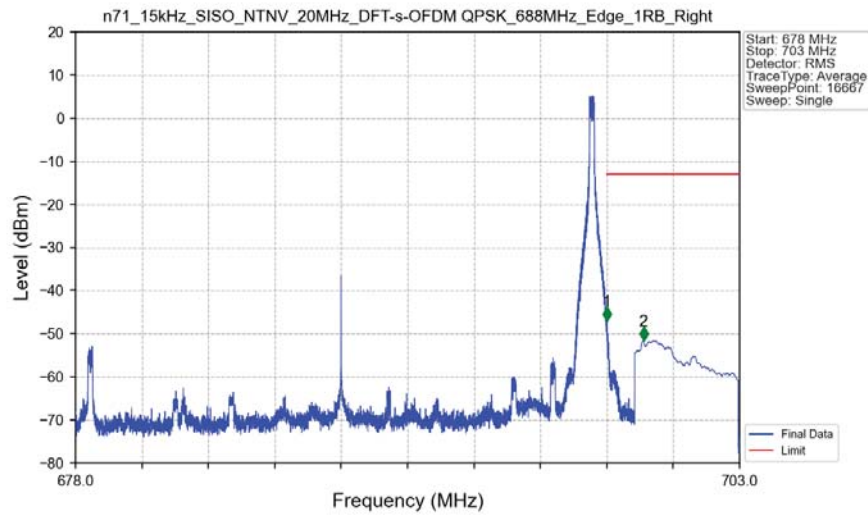
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0



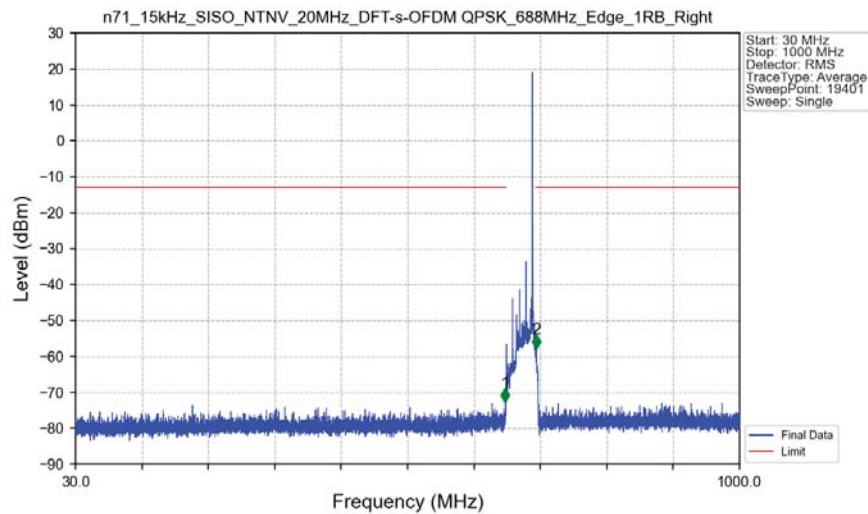
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0



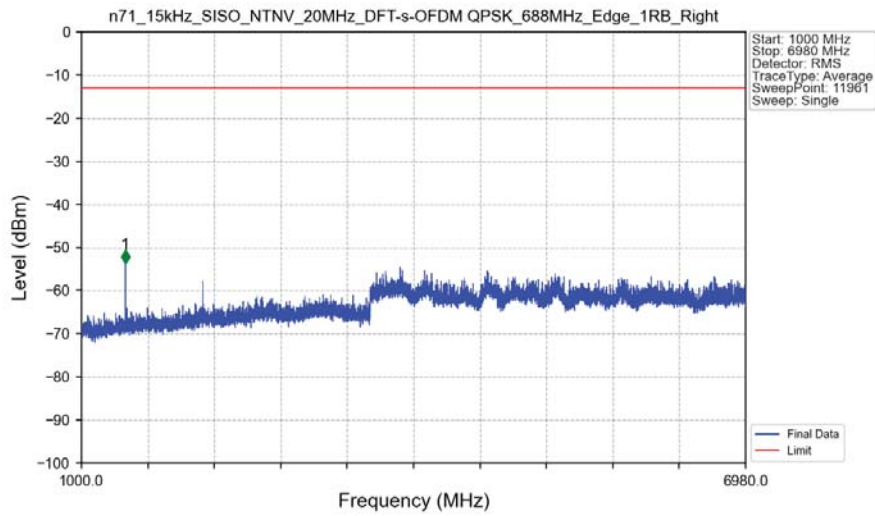
n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 688MHz Edge 1RB Right Ant0



n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 688MHz Edge 1RB Right Ant0

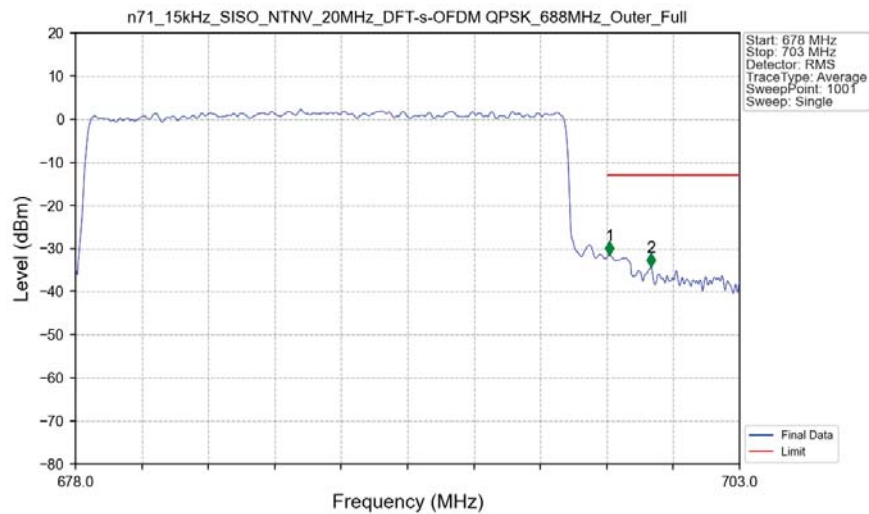


n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 688MHz Edge 1RB Right Ant0



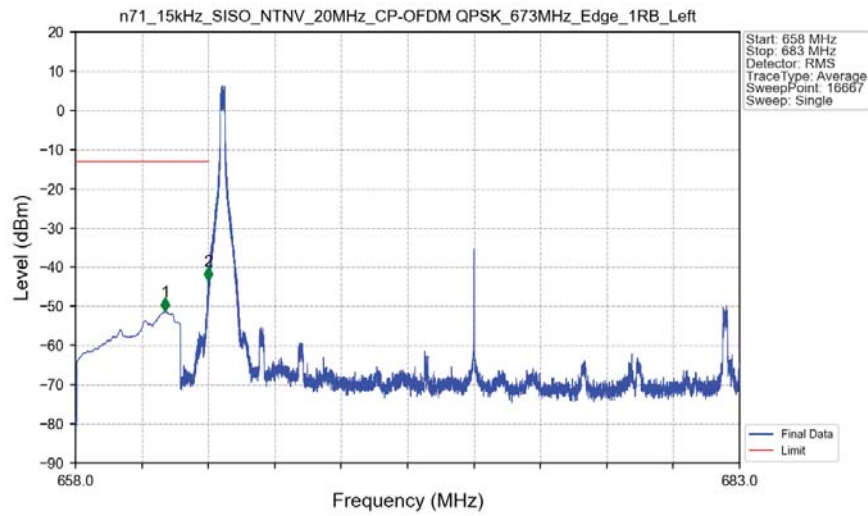
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1395.000	-53.61	-13	Pass

n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 688MHz Outer Full Ant0



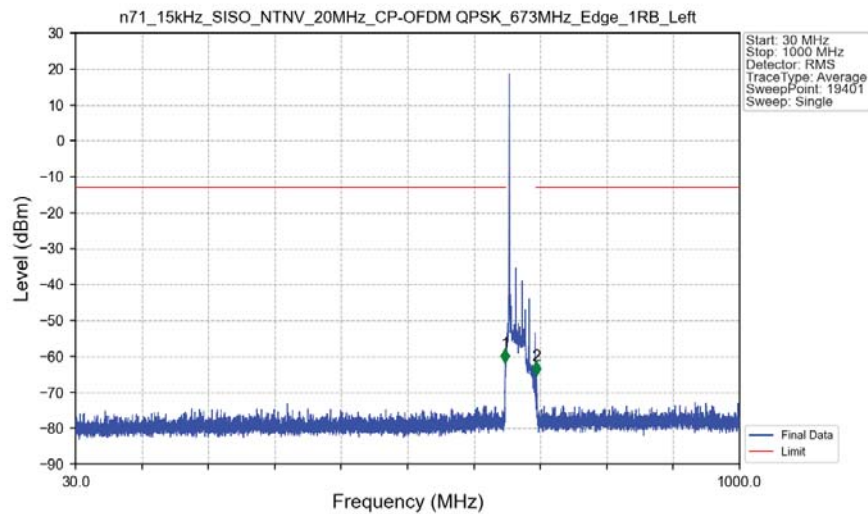
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.1938	CHP	/	/	/	/	/
698	699	0.1938	CHP	1	698.100	-31.48	-13	Pass
699	703	0.1	/	2	699.675	-34.21	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_673MHz_Edge_1RB_Left_Ant0



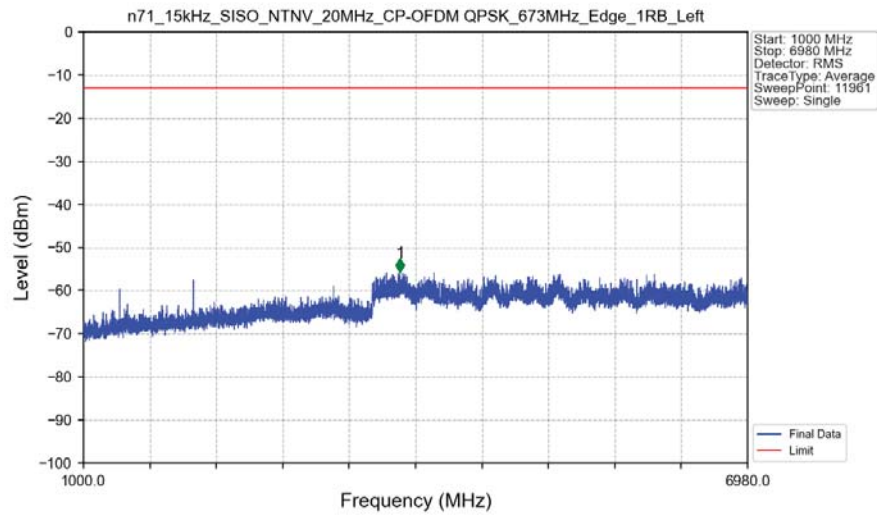
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.374	-51.26	-13	Pass
662	663	0.003	/	2	662.992	-43.46	-13	Pass
663	683	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_673MHz_Edge_1RB_Left_Ant0



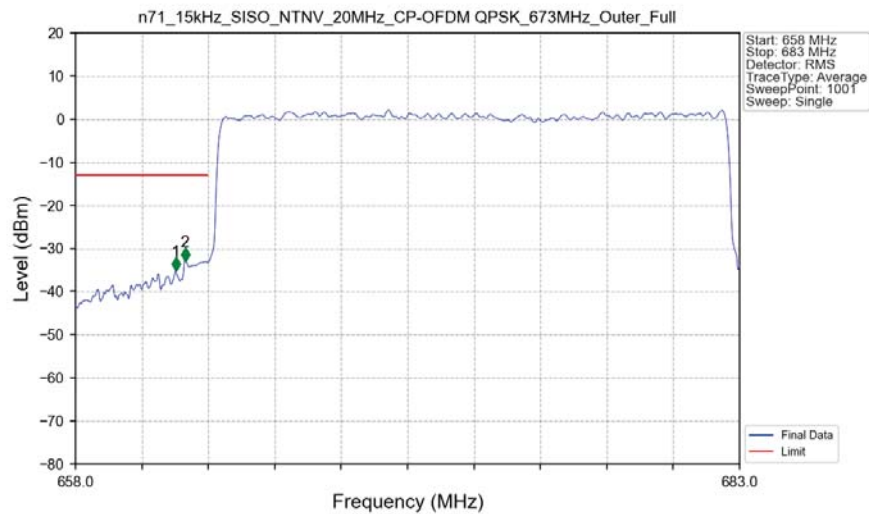
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.700	-61.79	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.500	-65.33	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_673MHz_Edge_1RB_Left_Ant0



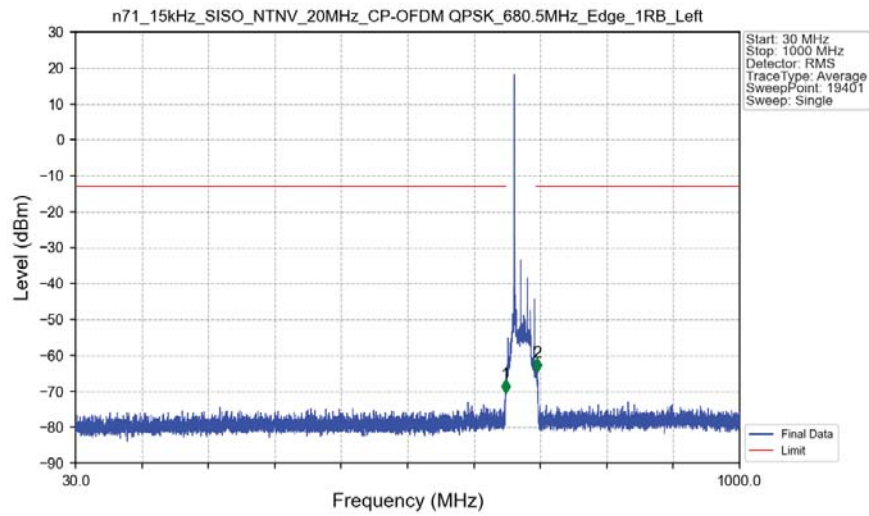
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	3851.500	-55.60	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_673MHz_Outer_Full_Ant0

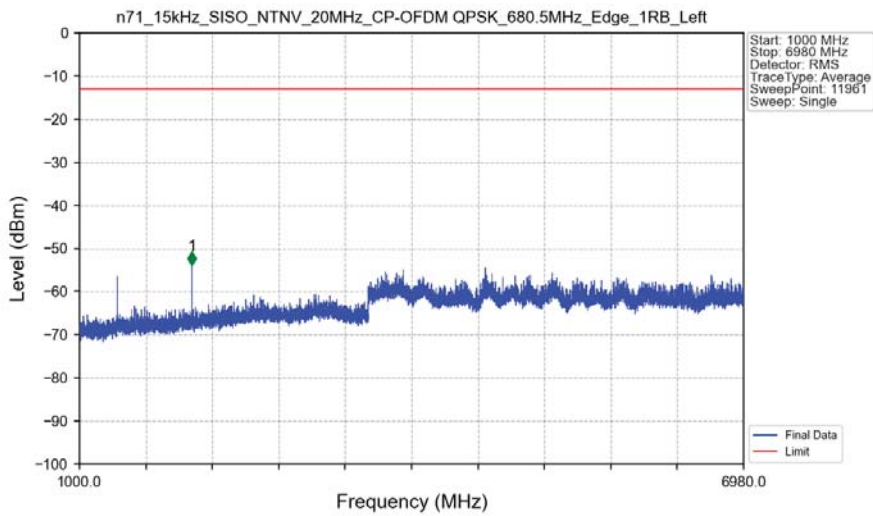


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	661.775	-35.11	-13	Pass
662	663	0.1938	CHP	2	662.125	-32.89	-13	Pass
663	683	0.1938	CHP	/	/	/	/	/

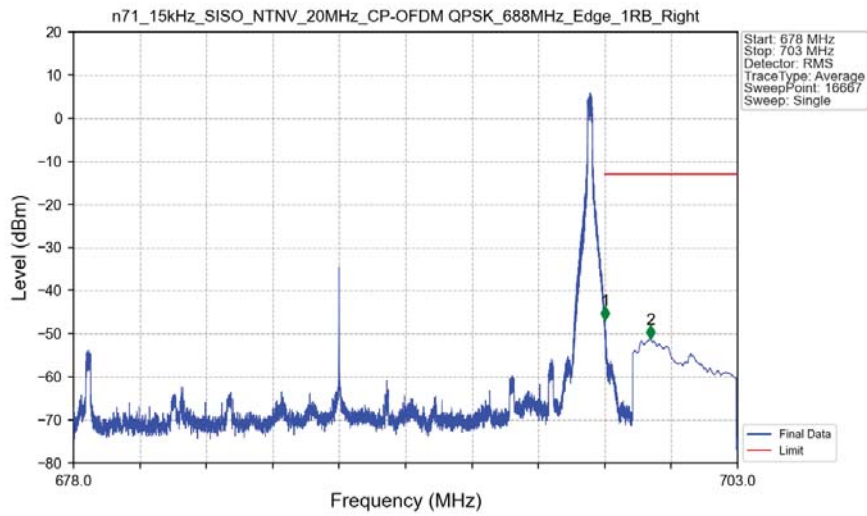
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0



n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0

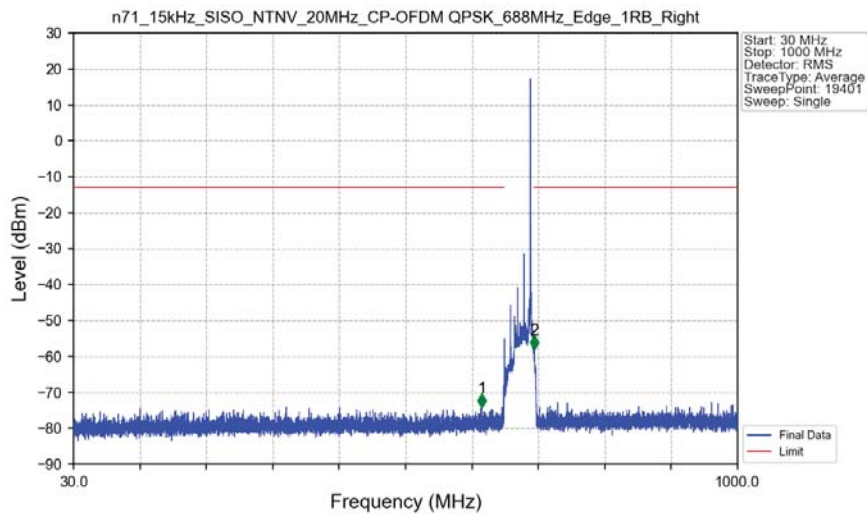


n71 15kHz SISO NTN 20MHz CP-OFDM QPSK 688MHz Edge 1RB Right Ant0



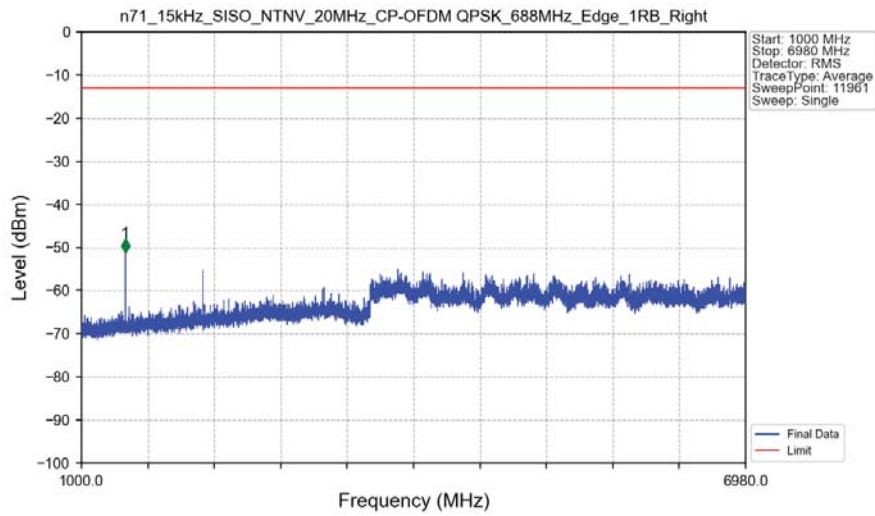
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.008	-46.72	-13	Pass
699	703	0.1	CHP	2	699.718	-51.16	-13	Pass

n71 15kHz SISO NTN 20MHz CP-OFDM QPSK 688MHz Edge 1RB Right Ant0

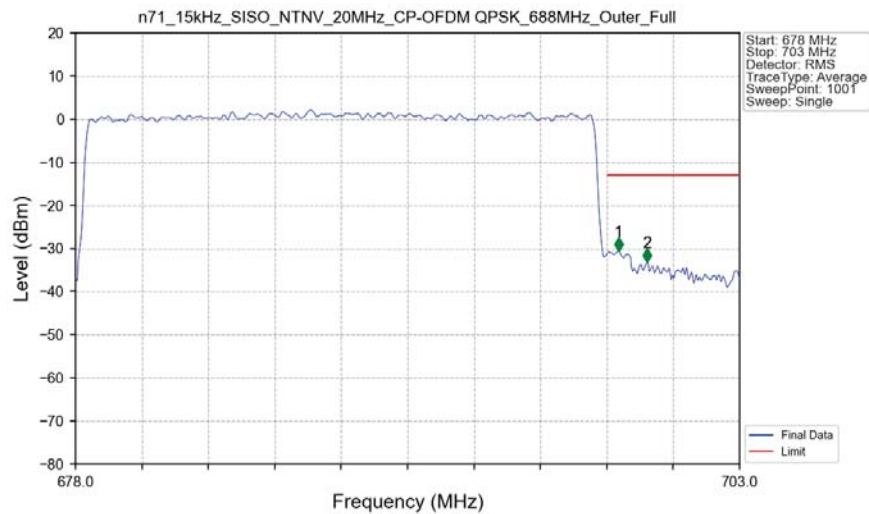


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	626.500	-74.10	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.350	-57.93	-13	Pass

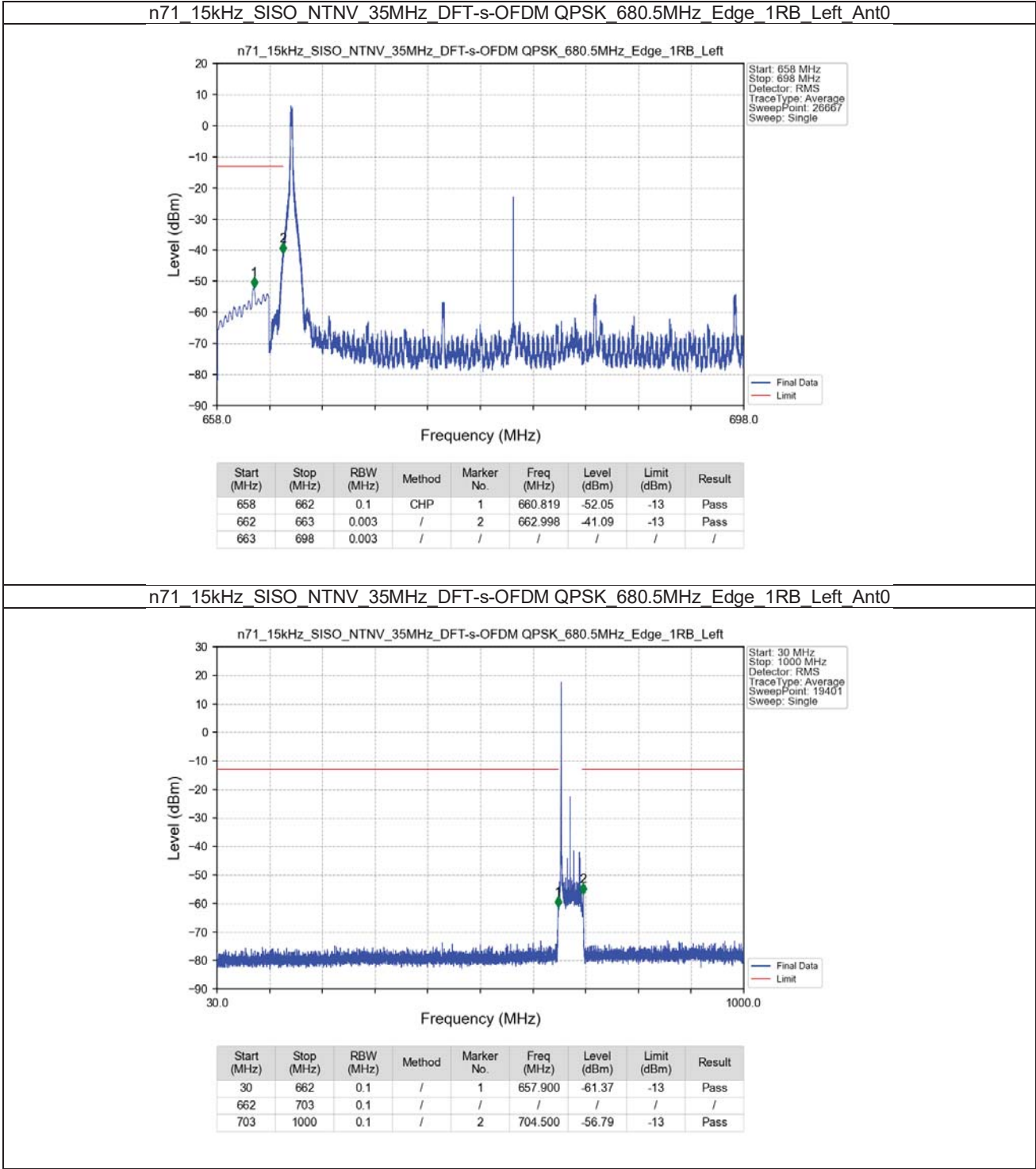
n71 15kHz SISO NTN 20MHz CP-OFDM QPSK 688MHz Edge 1RB Right Ant0



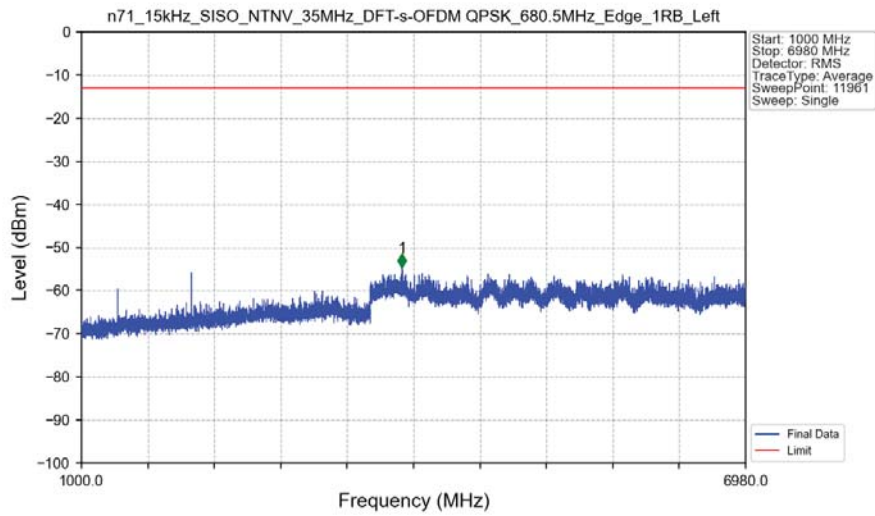
n71 15kHz SISO NTN 20MHz CP-OFDM QPSK 688MHz Outer_Full Ant0



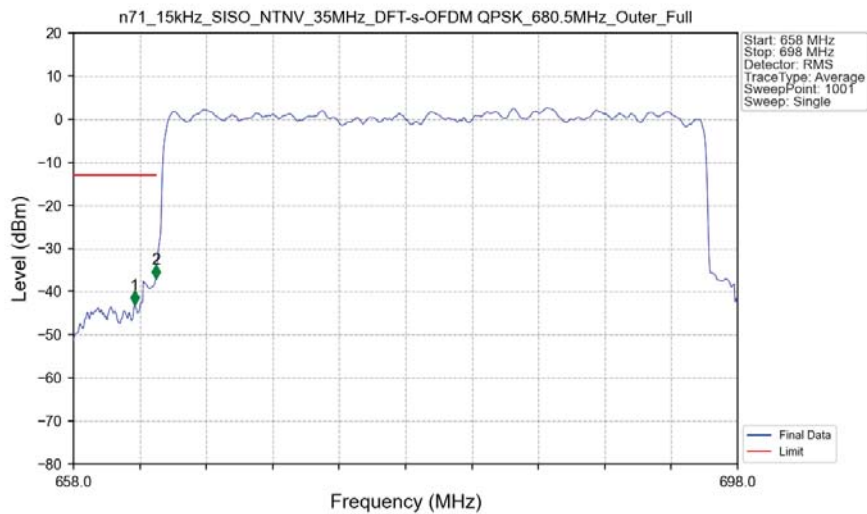
5.2.3 15_S_35M_NTNV



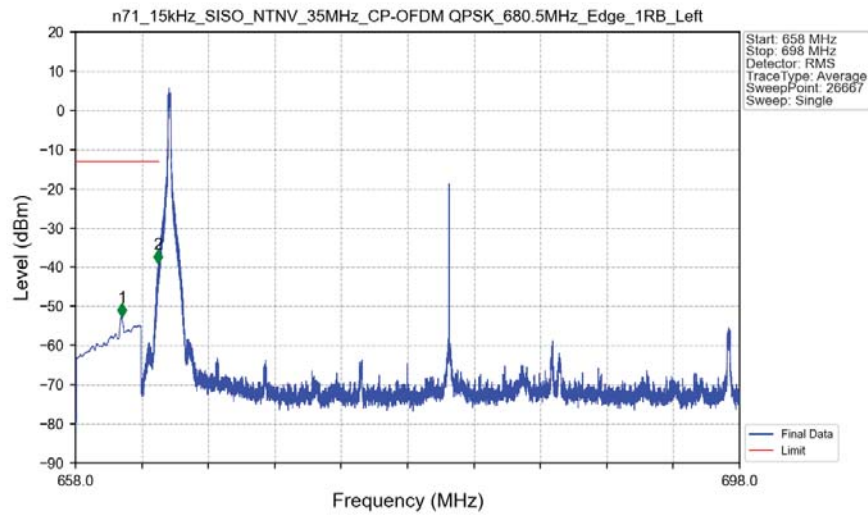
n71_15kHz_SISO_NTNV_35MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0



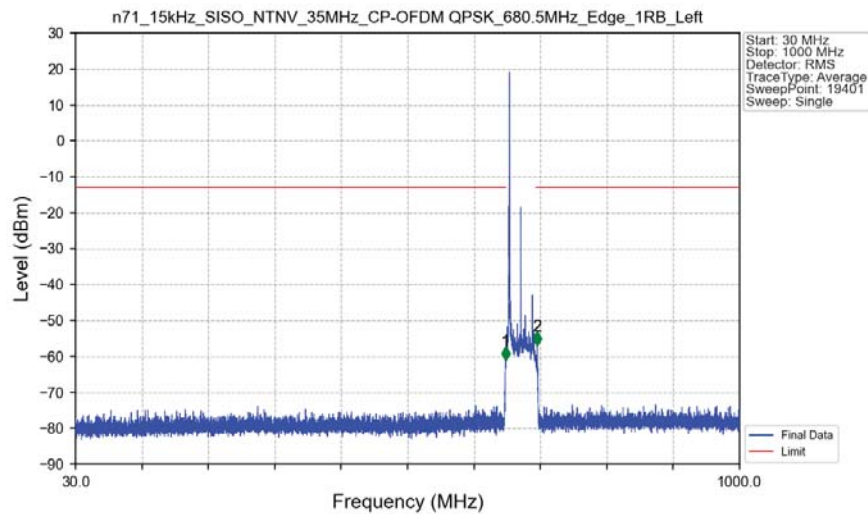
n71_15kHz_SISO_NTNV_35MHz_DFT-s-OFDM_QPSK_680.5MHz_Outer_Full_Ant0



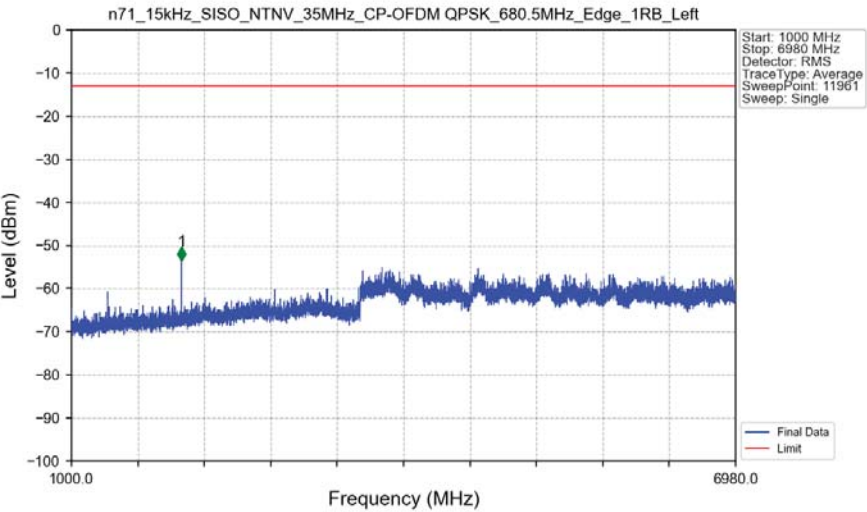
n71_15kHz_SISO_NTNV_35MHz_CP-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0



n71_15kHz_SISO_NTNV_35MHz_CP-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant0

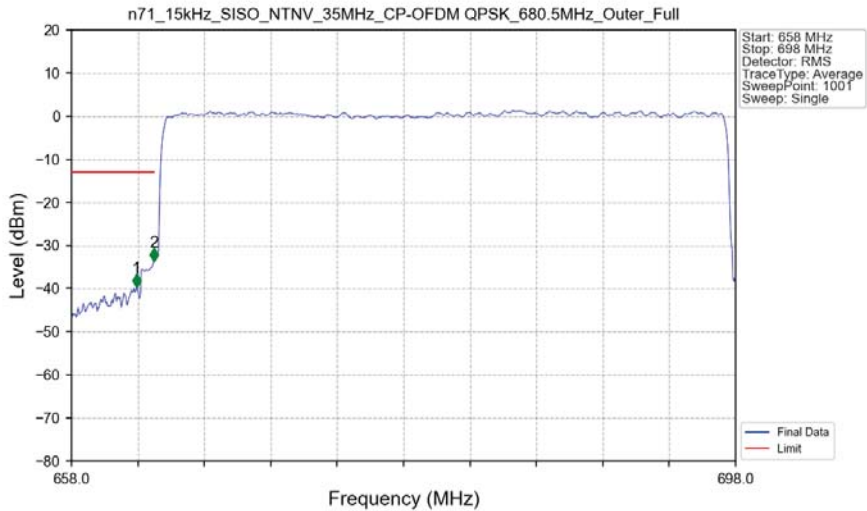


n71 15kHz SISO NTN 35MHz CP-OFDM QPSK 680.5MHz Edge 1RB Left Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1991.000	-53.44	-13	Pass

n71 15kHz SISO NTN 35MHz CP-OFDM QPSK 680.5MHz Outer Full Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	661.920	-39.72	-13	Pass
662	663	0.36268	CHP	2	662.960	-33.71	-13	Pass
663	698	0.36268	CHP	/	/	/	/	/

6. Field Strength of Spurious Radiation

NR N71-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1328.0	-64.76	-13	-51.76	-67.15	2.4	4.79	Horizontal	Pass
1992.0	-60.53	-13	-47.53	-62.45	2.72	4.64	Horizontal	Pass
2656.0	-58.43	-13	-45.43	-61.49	3.1	6.16	Horizontal	Pass
1328.0	-64.52	-13	-51.52	-66.91	2.4	4.79	Vertical	Pass
1992.0	-62.19	-13	-49.19	-64.11	2.72	4.64	Vertical	Pass
2656.0	-58.69	-13	-45.69	-61.75	3.1	6.16	Vertical	Pass

NR N71-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1348.0	-67.26	-13	-54.26	-69.76	2.42	4.92	Horizontal	Pass
2022.0	-62.87	-13	-49.87	-64.8	2.74	4.67	Horizontal	Pass
2696.0	-60.52	-13	-47.52	-63.66	3.11	6.25	Horizontal	Pass
1348.0	-66.98	-13	-53.98	-69.48	2.42	4.92	Vertical	Pass
2022.0	-63.0	-13	-50.0	-64.93	2.74	4.67	Vertical	Pass
2696.0	-59.76	-13	-46.76	-62.9	3.11	6.25	Vertical	Pass

NR N71-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1358.0	-65.46	-13	-52.46	-68.01	2.43	4.98	Horizontal	Pass
2037.0	-62.4	-13	-49.4	-64.36	2.75	4.71	Horizontal	Pass
2716.0	-58.64	-13	-45.64	-61.83	3.11	6.3	Horizontal	Pass

NSA_2A_n71A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1328.0	-62.83	-13	-49.83	-65.22	2.4	4.79	Horizontal	Pass
1992.0	-61.47	-13	-48.47	-63.39	2.72	4.64	Horizontal	Pass
2656.0	-59.11	-13	-46.11	-62.17	3.1	6.16	Horizontal	Pass
1328.0	-63.61	-13	-50.61	-66.0	2.4	4.79	Vertical	Pass
1992.0	-61.45	-13	-48.45	-63.37	2.72	4.64	Vertical	Pass
2656.0	-58.66	-13	-45.66	-61.72	3.1	6.16	Vertical	Pass

NSA_2A_n71A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1348.0	-65.9	-13	-52.9	-68.4	2.42	4.92	Horizontal	Pass
2022.0	-61.58	-13	-48.58	-63.51	2.74	4.67	Horizontal	Pass
2696.0	-59.55	-13	-46.55	-62.69	3.11	6.25	Horizontal	Pass
1348.0	-64.38	-13	-51.38	-66.88	2.42	4.92	Vertical	Pass
2022.0	-59.99	-13	-46.99	-61.92	2.74	4.67	Vertical	Pass
2696.0	-60.64	-13	-47.64	-63.78	3.11	6.25	Vertical	Pass

NSA_2A_n71A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1358.0	-62.5	-13	-49.5	-65.05	2.43	4.98	Horizontal	Pass
2037.0	-61.94	-13	-48.94	-63.9	2.75	4.71	Horizontal	Pass
2716.0	-58.69	-13	-45.69	-61.88	3.11	6.3	Horizontal	Pass
1358.0	-62.67	-13	-49.67	-65.22	2.43	4.98	Vertical	Pass
2037.0	-61.82	-13	-48.82	-63.78	2.75	4.71	Vertical	Pass
2716.0	-59.33	-13	-46.33	-62.52	3.11	6.3	Vertical	Pass