

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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	665.5	Edge_1RB_Left	22.83	/	/	16.78	/	/	<=34.77	Pass
		Edge_1RB_Right	22.85	/	/	16.80	/	/	<=34.77	Pass
		Outer_Full	22.81	/	/	16.76	/	/	<=34.77	Pass
		Inner_Full	22.75	/	/	16.70	/	/	<=34.77	Pass
		Inner_1RB_Left	23.22	/	/	17.17	/	/	<=34.77	Pass
		Inner_1RB_Right	23.19	/	/	17.14	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	22.70	/	/	16.65	/	/	<=34.77	Pass
		Edge_1RB_Right	21.79	/	/	15.74	/	/	<=34.77	Pass
		Outer_Full	22.64	/	/	16.59	/	/	<=34.77	Pass
		Inner_Full	22.60	/	/	16.55	/	/	<=34.77	Pass
		Inner_1RB_Left	22.47	/	/	16.42	/	/	<=34.77	Pass
		Inner_1RB_Right	22.51	/	/	16.46	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	22.82	/	/	16.77	/	/	<=34.77	Pass
		Edge_1RB_Right	22.68	/	/	16.63	/	/	<=34.77	Pass
		Outer_Full	22.85	/	/	16.80	/	/	<=34.77	Pass
		Inner_Full	22.42	/	/	16.37	/	/	<=34.77	Pass
		Inner_1RB_Left	22.23	/	/	16.18	/	/	<=34.77	Pass
		Inner_1RB_Right	22.27	/	/	16.22	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	665.5	Edge_1RB_Left	22.30	/	/	16.25	/	/	<=34.77	Pass
		Edge_1RB_Right	21.67	/	/	15.62	/	/	<=34.77	Pass
		Outer_Full	22.60	/	/	16.55	/	/	<=34.77	Pass
		Inner_Full	22.78	/	/	16.73	/	/	<=34.77	Pass
		Inner_1RB_Left	22.58	/	/	16.53	/	/	<=34.77	Pass
		Inner_1RB_Right	22.78	/	/	16.73	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.54	/	/	15.49	/	/	<=34.77	Pass
		Edge_1RB_Right	21.60	/	/	15.55	/	/	<=34.77	Pass
		Outer_Full	21.59	/	/	15.54	/	/	<=34.77	Pass
		Inner_Full	23.44	/	/	17.39	/	/	<=34.77	Pass
		Inner_1RB_Left	23.30	/	/	17.25	/	/	<=34.77	Pass
		Inner_1RB_Right	23.25	/	/	17.20	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	22.31	/	/	16.26	/	/	<=34.77	Pass
		Edge_1RB_Right	22.42	/	/	16.37	/	/	<=34.77	Pass
		Outer_Full	22.43	/	/	16.38	/	/	<=34.77	Pass
		Inner_Full	23.29	/	/	17.24	/	/	<=34.77	Pass
		Inner_1RB_Left	23.13	/	/	17.08	/	/	<=34.77	Pass
		Inner_1RB_Right	23.30	/	/	17.25	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	665.5	Edge_1RB_Left	20.74	/	/	14.69	/	/	<=34.77	Pass
		Edge_1RB_Right	20.79	/	/	14.74	/	/	<=34.77	Pass
		Outer_Full	20.62	/	/	14.57	/	/	<=34.77	Pass
		Inner_Full	21.67	/	/	15.62	/	/	<=34.77	Pass
		Inner_1RB_Left	21.81	/	/	15.76	/	/	<=34.77	Pass
		Inner_1RB_Right	21.91	/	/	15.86	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.46	/	/	15.41	/	/	<=34.77	Pass
		Edge_1RB_Right	21.23	/	/	15.18	/	/	<=34.77	Pass
		Outer_Full	21.26	/	/	15.21	/	/	<=34.77	Pass
		Inner_Full	22.32	/	/	16.27	/	/	<=34.77	Pass
		Inner_1RB_Left	22.42	/	/	16.37	/	/	<=34.77	Pass
		Inner_1RB_Right	22.51	/	/	16.46	/	/	<=34.77	Pass

	695.5	Edge_1RB_Left	21.49	/	/	15.44	/	/	<=34.77	Pass
		Edge_1RB_Right	21.38	/	/	15.33	/	/	<=34.77	Pass
		Outer_Full	21.31	/	/	15.26	/	/	<=34.77	Pass
		Inner_Full	22.47	/	/	16.42	/	/	<=34.77	Pass
		Inner_1RB_Left	22.46	/	/	16.41	/	/	<=34.77	Pass
		Inner_1RB_Right	22.40	/	/	16.35	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	665.5	Edge_1RB_Left	19.60	/	/	13.55	/	/	<=34.77	Pass
		Edge_1RB_Right	19.71	/	/	13.66	/	/	<=34.77	Pass
		Outer_Full	20.06	/	/	14.01	/	/	<=34.77	Pass
		Inner_Full	19.97	/	/	13.92	/	/	<=34.77	Pass
		Inner_1RB_Left	19.66	/	/	13.61	/	/	<=34.77	Pass
		Inner_1RB_Right	19.71	/	/	13.66	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.55	/	/	14.50	/	/	<=34.77	Pass
		Edge_1RB_Right	20.45	/	/	14.40	/	/	<=34.77	Pass
		Outer_Full	20.85	/	/	14.80	/	/	<=34.77	Pass
		Inner_Full	20.78	/	/	14.73	/	/	<=34.77	Pass
		Inner_1RB_Left	20.47	/	/	14.42	/	/	<=34.77	Pass
		Inner_1RB_Right	20.47	/	/	14.42	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	20.37	/	/	14.32	/	/	<=34.77	Pass
		Edge_1RB_Right	20.58	/	/	14.53	/	/	<=34.77	Pass
		Outer_Full	20.97	/	/	14.92	/	/	<=34.77	Pass
		Inner_Full	20.48	/	/	14.43	/	/	<=34.77	Pass
		Inner_1RB_Left	20.60	/	/	14.55	/	/	<=34.77	Pass
		Inner_1RB_Right	20.60	/	/	14.55	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	665.5	Edge_1RB_Left	18.73	/	/	12.68	/	/	<=34.77	Pass
		Edge_1RB_Right	18.82	/	/	12.77	/	/	<=34.77	Pass
		Outer_Full	18.97	/	/	12.92	/	/	<=34.77	Pass
		Inner_Full	19.00	/	/	12.95	/	/	<=34.77	Pass
		Inner_1RB_Left	18.79	/	/	12.74	/	/	<=34.77	Pass
		Inner_1RB_Right	18.72	/	/	12.67	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	18.61	/	/	12.56	/	/	<=34.77	Pass
		Edge_1RB_Right	18.62	/	/	12.57	/	/	<=34.77	Pass
		Outer_Full	18.81	/	/	12.76	/	/	<=34.77	Pass
		Inner_Full	18.97	/	/	12.92	/	/	<=34.77	Pass
		Inner_1RB_Left	18.72	/	/	12.67	/	/	<=34.77	Pass
		Inner_1RB_Right	18.72	/	/	12.67	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	18.75	/	/	12.70	/	/	<=34.77	Pass
		Edge_1RB_Right	18.65	/	/	12.60	/	/	<=34.77	Pass
		Outer_Full	18.95	/	/	12.90	/	/	<=34.77	Pass
		Inner_Full	18.85	/	/	12.80	/	/	<=34.77	Pass
		Inner_1RB_Left	18.57	/	/	12.52	/	/	<=34.77	Pass
		Inner_1RB_Right	18.62	/	/	12.57	/	/	<=34.77	Pass
CP-OFDM QPSK	665.5	Edge_1RB_Left	19.20	/	/	13.15	/	/	<=34.77	Pass
		Edge_1RB_Right	19.13	/	/	13.08	/	/	<=34.77	Pass
		Outer_Full	20.57	/	/	14.52	/	/	<=34.77	Pass
		Inner_Full	21.00	/	/	14.95	/	/	<=34.77	Pass
		Inner_1RB_Left	20.94	/	/	14.89	/	/	<=34.77	Pass
		Inner_1RB_Right	20.88	/	/	14.83	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.13	/	/	14.08	/	/	<=34.77	Pass
		Edge_1RB_Right	20.25	/	/	14.20	/	/	<=34.77	Pass
		Outer_Full	20.20	/	/	14.15	/	/	<=34.77	Pass
		Inner_Full	21.84	/	/	15.79	/	/	<=34.77	Pass
		Inner_1RB_Left	21.81	/	/	15.76	/	/	<=34.77	Pass
		Inner_1RB_Right	21.90	/	/	15.85	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	20.17	/	/	14.12	/	/	<=34.77	Pass
		Edge_1RB_Right	20.20	/	/	14.15	/	/	<=34.77	Pass
		Outer_Full	20.45	/	/	14.40	/	/	<=34.77	Pass
		Inner_Full	21.99	/	/	15.94	/	/	<=34.77	Pass
		Inner_1RB_Left	21.96	/	/	15.91	/	/	<=34.77	Pass

		Inner_1RB_Right	21.82	/	/	15.77	/	/	<=34.77	Pass
CP-OFDM 16 QAM	665.5	Edge_1RB_Left	19.67	/	/	13.62	/	/	<=34.77	Pass
		Edge_1RB_Right	19.68	/	/	13.63	/	/	<=34.77	Pass
		Outer_Full	19.43	/	/	13.38	/	/	<=34.77	Pass
		Inner_Full	20.44	/	/	14.39	/	/	<=34.77	Pass
		Inner_1RB_Left	20.78	/	/	14.73	/	/	<=34.77	Pass
		Inner_1RB_Right	20.75	/	/	14.70	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.48	/	/	14.43	/	/	<=34.77	Pass
		Edge_1RB_Right	20.46	/	/	14.41	/	/	<=34.77	Pass
		Outer_Full	20.34	/	/	14.29	/	/	<=34.77	Pass
		Inner_Full	21.18	/	/	15.13	/	/	<=34.77	Pass
		Inner_1RB_Left	21.50	/	/	15.45	/	/	<=34.77	Pass
		Inner_1RB_Right	21.54	/	/	15.49	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	20.48	/	/	14.43	/	/	<=34.77	Pass
		Edge_1RB_Right	20.57	/	/	14.52	/	/	<=34.77	Pass
		Outer_Full	20.37	/	/	14.32	/	/	<=34.77	Pass
		Inner_Full	21.31	/	/	15.26	/	/	<=34.77	Pass
		Inner_1RB_Left	21.54	/	/	15.49	/	/	<=34.77	Pass
		Inner_1RB_Right	21.51	/	/	15.46	/	/	<=34.77	Pass
CP-OFDM 64 QAM	665.5	Edge_1RB_Left	18.73	/	/	12.68	/	/	<=34.77	Pass
		Edge_1RB_Right	18.82	/	/	12.77	/	/	<=34.77	Pass
		Outer_Full	18.95	/	/	12.90	/	/	<=34.77	Pass
		Inner_Full	18.80	/	/	12.75	/	/	<=34.77	Pass
		Inner_1RB_Left	18.78	/	/	12.73	/	/	<=34.77	Pass
		Inner_1RB_Right	18.99	/	/	12.94	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.71	/	/	13.66	/	/	<=34.77	Pass
		Edge_1RB_Right	19.66	/	/	13.61	/	/	<=34.77	Pass
		Outer_Full	19.66	/	/	13.61	/	/	<=34.77	Pass
		Inner_Full	19.71	/	/	13.66	/	/	<=34.77	Pass
		Inner_1RB_Left	19.84	/	/	13.79	/	/	<=34.77	Pass
		Inner_1RB_Right	19.57	/	/	13.52	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	19.80	/	/	13.75	/	/	<=34.77	Pass
		Edge_1RB_Right	19.92	/	/	13.87	/	/	<=34.77	Pass
		Outer_Full	19.97	/	/	13.92	/	/	<=34.77	Pass
		Inner_Full	19.91	/	/	13.86	/	/	<=34.77	Pass
		Inner_1RB_Left	19.70	/	/	13.65	/	/	<=34.77	Pass
		Inner_1RB_Right	19.75	/	/	13.70	/	/	<=34.77	Pass
CP-OFDM 256 QAM	665.5	Edge_1RB_Left	17.05	/	/	11.00	/	/	<=34.77	Pass
		Edge_1RB_Right	17.03	/	/	10.98	/	/	<=34.77	Pass
		Outer_Full	17.21	/	/	11.16	/	/	<=34.77	Pass
		Inner_Full	17.14	/	/	11.09	/	/	<=34.77	Pass
		Inner_1RB_Left	15.45	/	/	9.40	/	/	<=34.77	Pass
		Inner_1RB_Right	17.07	/	/	11.02	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	16.85	/	/	10.80	/	/	<=34.77	Pass
		Edge_1RB_Right	16.76	/	/	10.71	/	/	<=34.77	Pass
		Outer_Full	16.83	/	/	10.78	/	/	<=34.77	Pass
		Inner_Full	16.86	/	/	10.81	/	/	<=34.77	Pass
		Inner_1RB_Left	16.85	/	/	10.80	/	/	<=34.77	Pass
		Inner_1RB_Right	16.71	/	/	10.66	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	16.97	/	/	10.92	/	/	<=34.77	Pass
		Edge_1RB_Right	16.87	/	/	10.82	/	/	<=34.77	Pass
		Outer_Full	17.15	/	/	11.10	/	/	<=34.77	Pass
		Inner_Full	16.71	/	/	10.66	/	/	<=34.77	Pass
		Inner_1RB_Left	15.83	/	/	9.78	/	/	<=34.77	Pass
		Inner_1RB_Right	15.79	/	/	9.74	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: -3.90dBi; 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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	668	Edge_1RB_Left	22.99	/	/	16.94	/	/	<=34.77	Pass
		Edge_1RB_Right	22.68	/	/	16.63	/	/	<=34.77	Pass
		Outer_Full	23.11	/	/	17.06	/	/	<=34.77	Pass
		Inner_Full	23.45	/	/	17.40	/	/	<=34.77	Pass
		Inner_1RB_Left	23.29	/	/	17.24	/	/	<=34.77	Pass
		Inner_1RB_Right	23.28	/	/	17.23	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	22.57	/	/	16.52	/	/	<=34.77	Pass
		Edge_1RB_Right	21.88	/	/	15.83	/	/	<=34.77	Pass
		Outer_Full	22.71	/	/	16.66	/	/	<=34.77	Pass
		Inner_Full	22.45	/	/	16.40	/	/	<=34.77	Pass
		Inner_1RB_Left	22.39	/	/	16.34	/	/	<=34.77	Pass
		Inner_1RB_Right	22.41	/	/	16.36	/	/	<=34.77	Pass
	693	Edge_1RB_Left	22.44	/	/	16.39	/	/	<=34.77	Pass
		Edge_1RB_Right	22.53	/	/	16.48	/	/	<=34.77	Pass
		Outer_Full	22.60	/	/	16.55	/	/	<=34.77	Pass
		Inner_Full	23.16	/	/	17.11	/	/	<=34.77	Pass
		Inner_1RB_Left	23.11	/	/	17.06	/	/	<=34.77	Pass
		Inner_1RB_Right	23.15	/	/	17.10	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	668	Edge_1RB_Left	22.51	/	/	16.46	/	/	<=34.77	Pass
		Edge_1RB_Right	22.53	/	/	16.48	/	/	<=34.77	Pass
		Outer_Full	22.49	/	/	16.44	/	/	<=34.77	Pass
		Inner_Full	23.30	/	/	17.25	/	/	<=34.77	Pass
		Inner_1RB_Left	23.82	/	/	17.77	/	/	<=34.77	Pass
		Inner_1RB_Right	23.49	/	/	17.44	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.46	/	/	15.41	/	/	<=34.77	Pass
		Edge_1RB_Right	21.52	/	/	15.47	/	/	<=34.77	Pass
		Outer_Full	22.09	/	/	16.04	/	/	<=34.77	Pass
		Inner_Full	23.20	/	/	17.15	/	/	<=34.77	Pass
		Inner_1RB_Left	22.60	/	/	16.55	/	/	<=34.77	Pass
		Inner_1RB_Right	22.77	/	/	16.72	/	/	<=34.77	Pass
	693	Edge_1RB_Left	22.55	/	/	16.50	/	/	<=34.77	Pass
		Edge_1RB_Right	22.31	/	/	16.26	/	/	<=34.77	Pass
		Outer_Full	22.34	/	/	16.29	/	/	<=34.77	Pass
		Inner_Full	23.33	/	/	17.28	/	/	<=34.77	Pass
		Inner_1RB_Left	23.67	/	/	17.62	/	/	<=34.77	Pass
		Inner_1RB_Right	23.56	/	/	17.51	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	668	Edge_1RB_Left	21.53	/	/	15.48	/	/	<=34.77	Pass
		Edge_1RB_Right	21.47	/	/	15.42	/	/	<=34.77	Pass
		Outer_Full	21.42	/	/	15.37	/	/	<=34.77	Pass
		Inner_Full	22.41	/	/	16.36	/	/	<=34.77	Pass
		Inner_1RB_Left	22.40	/	/	16.35	/	/	<=34.77	Pass
		Inner_1RB_Right	22.40	/	/	16.35	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.94	/	/	14.89	/	/	<=34.77	Pass
		Edge_1RB_Right	21.28	/	/	15.23	/	/	<=34.77	Pass
		Outer_Full	21.35	/	/	15.30	/	/	<=34.77	Pass
		Inner_Full	21.50	/	/	15.45	/	/	<=34.77	Pass
		Inner_1RB_Left	21.71	/	/	15.66	/	/	<=34.77	Pass
		Inner_1RB_Right	21.75	/	/	15.70	/	/	<=34.77	Pass
	693	Edge_1RB_Left	21.51	/	/	15.46	/	/	<=34.77	Pass
		Edge_1RB_Right	21.53	/	/	15.48	/	/	<=34.77	Pass
		Outer_Full	21.44	/	/	15.39	/	/	<=34.77	Pass
		Inner_Full	22.47	/	/	16.42	/	/	<=34.77	Pass
		Inner_1RB_Left	22.48	/	/	16.43	/	/	<=34.77	Pass

		Inner_1RB_Right	22.48	/	/	16.43	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	668	Edge_1RB_Left	20.67	/	/	14.62	/	/	<=34.77	Pass
		Edge_1RB_Right	20.58	/	/	14.53	/	/	<=34.77	Pass
		Outer_Full	20.96	/	/	14.91	/	/	<=34.77	Pass
		Inner_Full	20.99	/	/	14.94	/	/	<=34.77	Pass
		Inner_1RB_Left	20.71	/	/	14.66	/	/	<=34.77	Pass
		Inner_1RB_Right	20.73	/	/	14.68	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.66	/	/	13.61	/	/	<=34.77	Pass
		Edge_1RB_Right	19.81	/	/	13.76	/	/	<=34.77	Pass
		Outer_Full	19.91	/	/	13.86	/	/	<=34.77	Pass
		Inner_Full	19.88	/	/	13.83	/	/	<=34.77	Pass
		Inner_1RB_Left	19.56	/	/	13.51	/	/	<=34.77	Pass
		Inner_1RB_Right	19.61	/	/	13.56	/	/	<=34.77	Pass
	693	Edge_1RB_Left	20.68	/	/	14.63	/	/	<=34.77	Pass
		Edge_1RB_Right	20.66	/	/	14.61	/	/	<=34.77	Pass
		Outer_Full	21.05	/	/	15.00	/	/	<=34.77	Pass
		Inner_Full	21.10	/	/	15.05	/	/	<=34.77	Pass
		Inner_1RB_Left	20.71	/	/	14.66	/	/	<=34.77	Pass
		Inner_1RB_Right	20.66	/	/	14.61	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	668	Edge_1RB_Left	18.77	/	/	12.72	/	/	<=34.77	Pass
		Edge_1RB_Right	18.62	/	/	12.57	/	/	<=34.77	Pass
		Outer_Full	18.87	/	/	12.82	/	/	<=34.77	Pass
		Inner_Full	18.88	/	/	12.83	/	/	<=34.77	Pass
		Inner_1RB_Left	18.46	/	/	12.41	/	/	<=34.77	Pass
		Inner_1RB_Right	18.54	/	/	12.49	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	17.07	/	/	11.02	/	/	<=34.77	Pass
		Edge_1RB_Right	18.36	/	/	12.31	/	/	<=34.77	Pass
		Outer_Full	17.32	/	/	11.27	/	/	<=34.77	Pass
		Inner_Full	19.06	/	/	13.01	/	/	<=34.77	Pass
		Inner_1RB_Left	18.84	/	/	12.79	/	/	<=34.77	Pass
		Inner_1RB_Right	18.90	/	/	12.85	/	/	<=34.77	Pass
	693	Edge_1RB_Left	18.76	/	/	12.71	/	/	<=34.77	Pass
		Edge_1RB_Right	18.68	/	/	12.63	/	/	<=34.77	Pass
		Outer_Full	18.99	/	/	12.94	/	/	<=34.77	Pass
		Inner_Full	18.85	/	/	12.80	/	/	<=34.77	Pass
		Inner_1RB_Left	18.73	/	/	12.68	/	/	<=34.77	Pass
		Inner_1RB_Right	18.70	/	/	12.65	/	/	<=34.77	Pass
CP-OFDM QPSK	668	Edge_1RB_Left	20.19	/	/	14.14	/	/	<=34.77	Pass
		Edge_1RB_Right	20.19	/	/	14.14	/	/	<=34.77	Pass
		Outer_Full	20.42	/	/	14.37	/	/	<=34.77	Pass
		Inner_Full	22.04	/	/	15.99	/	/	<=34.77	Pass
		Inner_1RB_Left	21.81	/	/	15.76	/	/	<=34.77	Pass
		Inner_1RB_Right	21.64	/	/	15.59	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.06	/	/	14.01	/	/	<=34.77	Pass
		Edge_1RB_Right	19.10	/	/	13.05	/	/	<=34.77	Pass
		Outer_Full	20.54	/	/	14.49	/	/	<=34.77	Pass
		Inner_Full	20.97	/	/	14.92	/	/	<=34.77	Pass
		Inner_1RB_Left	20.83	/	/	14.78	/	/	<=34.77	Pass
		Inner_1RB_Right	21.00	/	/	14.95	/	/	<=34.77	Pass
	693	Edge_1RB_Left	20.50	/	/	14.45	/	/	<=34.77	Pass
		Edge_1RB_Right	20.29	/	/	14.24	/	/	<=34.77	Pass
		Outer_Full	20.31	/	/	14.26	/	/	<=34.77	Pass
		Inner_Full	21.95	/	/	15.90	/	/	<=34.77	Pass
		Inner_1RB_Left	21.87	/	/	15.82	/	/	<=34.77	Pass
		Inner_1RB_Right	21.96	/	/	15.91	/	/	<=34.77	Pass
CP-OFDM 16 QAM	668	Edge_1RB_Left	20.40	/	/	14.35	/	/	<=34.77	Pass
		Edge_1RB_Right	20.31	/	/	14.26	/	/	<=34.77	Pass
		Outer_Full	20.47	/	/	14.42	/	/	<=34.77	Pass
		Inner_Full	21.33	/	/	15.28	/	/	<=34.77	Pass

		Inner_1RB_Left	21.69	/	/	15.64	/	/	<=34.77	Pass
		Inner_1RB_Right	21.52	/	/	15.47	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.72	/	/	13.67	/	/	<=34.77	Pass
		Edge_1RB_Right	19.67	/	/	13.62	/	/	<=34.77	Pass
		Outer_Full	19.36	/	/	13.31	/	/	<=34.77	Pass
		Inner_Full	21.38	/	/	15.33	/	/	<=34.77	Pass
		Inner_1RB_Left	20.64	/	/	14.59	/	/	<=34.77	Pass
		Inner_1RB_Right	20.79	/	/	14.74	/	/	<=34.77	Pass
	693	Edge_1RB_Left	20.72	/	/	14.67	/	/	<=34.77	Pass
		Edge_1RB_Right	20.62	/	/	14.57	/	/	<=34.77	Pass
		Outer_Full	20.27	/	/	14.22	/	/	<=34.77	Pass
		Inner_Full	21.38	/	/	15.33	/	/	<=34.77	Pass
		Inner_1RB_Left	21.63	/	/	15.58	/	/	<=34.77	Pass
		Inner_1RB_Right	21.53	/	/	15.48	/	/	<=34.77	Pass
CP-OFDM 64 QAM	668	Edge_1RB_Left	19.53	/	/	13.48	/	/	<=34.77	Pass
		Edge_1RB_Right	19.62	/	/	13.57	/	/	<=34.77	Pass
		Outer_Full	20.07	/	/	14.02	/	/	<=34.77	Pass
		Inner_Full	19.90	/	/	13.85	/	/	<=34.77	Pass
		Inner_1RB_Left	19.76	/	/	13.71	/	/	<=34.77	Pass
		Inner_1RB_Right	19.70	/	/	13.65	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	18.83	/	/	12.78	/	/	<=34.77	Pass
		Edge_1RB_Right	19.81	/	/	13.76	/	/	<=34.77	Pass
		Outer_Full	19.58	/	/	13.53	/	/	<=34.77	Pass
		Inner_Full	20.01	/	/	13.96	/	/	<=34.77	Pass
		Inner_1RB_Left	18.93	/	/	12.88	/	/	<=34.77	Pass
		Inner_1RB_Right	19.93	/	/	13.88	/	/	<=34.77	Pass
	693	Edge_1RB_Left	19.77	/	/	13.72	/	/	<=34.77	Pass
		Edge_1RB_Right	19.70	/	/	13.65	/	/	<=34.77	Pass
		Outer_Full	19.88	/	/	13.83	/	/	<=34.77	Pass
		Inner_Full	19.96	/	/	13.91	/	/	<=34.77	Pass
		Inner_1RB_Left	19.78	/	/	13.73	/	/	<=34.77	Pass
		Inner_1RB_Right	19.90	/	/	13.85	/	/	<=34.77	Pass
CP-OFDM 256 QAM	668	Edge_1RB_Left	16.64	/	/	10.59	/	/	<=34.77	Pass
		Edge_1RB_Right	16.74	/	/	10.69	/	/	<=34.77	Pass
		Outer_Full	16.93	/	/	10.88	/	/	<=34.77	Pass
		Inner_Full	16.77	/	/	10.72	/	/	<=34.77	Pass
		Inner_1RB_Left	16.79	/	/	10.74	/	/	<=34.77	Pass
		Inner_1RB_Right	16.83	/	/	10.78	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	15.68	/	/	9.63	/	/	<=34.77	Pass
		Edge_1RB_Right	15.55	/	/	9.50	/	/	<=34.77	Pass
		Outer_Full	15.66	/	/	9.61	/	/	<=34.77	Pass
		Inner_Full	16.50	/	/	10.45	/	/	<=34.77	Pass
		Inner_1RB_Left	15.48	/	/	9.43	/	/	<=34.77	Pass
		Inner_1RB_Right	15.36	/	/	9.31	/	/	<=34.77	Pass
	693	Edge_1RB_Left	17.07	/	/	11.02	/	/	<=34.77	Pass
		Edge_1RB_Right	16.96	/	/	10.91	/	/	<=34.77	Pass
		Outer_Full	17.00	/	/	10.95	/	/	<=34.77	Pass
		Inner_Full	16.96	/	/	10.91	/	/	<=34.77	Pass
		Inner_1RB_Left	17.03	/	/	10.98	/	/	<=34.77	Pass
		Inner_1RB_Right	17.03	/	/	10.98	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: -3.90dBi; 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	RB	Conducted Power(dBm)	ERP(dBm)	Verdict

	(MHz)	Allocation	Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	670.5	Edge_1RB_Left	22.77	/	/	16.72	/	/	<=34.77	Pass
		Edge_1RB_Right	22.14	/	/	16.09	/	/	<=34.77	Pass
		Outer_Full	22.71	/	/	16.66	/	/	<=34.77	Pass
		Inner_Full	22.63	/	/	16.58	/	/	<=34.77	Pass
		Inner_1RB_Left	22.54	/	/	16.49	/	/	<=34.77	Pass
		Inner_1RB_Right	22.57	/	/	16.52	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	22.71	/	/	16.66	/	/	<=34.77	Pass
		Edge_1RB_Right	22.66	/	/	16.61	/	/	<=34.77	Pass
		Outer_Full	22.76	/	/	16.71	/	/	<=34.77	Pass
		Inner_Full	23.26	/	/	17.21	/	/	<=34.77	Pass
		Inner_1RB_Left	23.19	/	/	17.14	/	/	<=34.77	Pass
		Inner_1RB_Right	23.26	/	/	17.21	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	22.49	/	/	16.44	/	/	<=34.77	Pass
		Edge_1RB_Right	21.92	/	/	15.87	/	/	<=34.77	Pass
		Outer_Full	22.69	/	/	16.64	/	/	<=34.77	Pass
		Inner_Full	23.36	/	/	17.31	/	/	<=34.77	Pass
		Inner_1RB_Left	23.29	/	/	17.24	/	/	<=34.77	Pass
		Inner_1RB_Right	23.29	/	/	17.24	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	670.5	Edge_1RB_Left	22.40	/	/	16.35	/	/	<=34.77	Pass
		Edge_1RB_Right	22.38	/	/	16.33	/	/	<=34.77	Pass
		Outer_Full	22.24	/	/	16.19	/	/	<=34.77	Pass
		Inner_Full	23.09	/	/	17.04	/	/	<=34.77	Pass
		Inner_1RB_Left	23.19	/	/	17.14	/	/	<=34.77	Pass
		Inner_1RB_Right	23.03	/	/	16.98	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	22.37	/	/	16.32	/	/	<=34.77	Pass
		Edge_1RB_Right	22.21	/	/	16.16	/	/	<=34.77	Pass
		Outer_Full	22.37	/	/	16.32	/	/	<=34.77	Pass
		Inner_Full	23.25	/	/	17.20	/	/	<=34.77	Pass
		Inner_1RB_Left	23.25	/	/	17.20	/	/	<=34.77	Pass
		Inner_1RB_Right	23.19	/	/	17.14	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	22.35	/	/	16.30	/	/	<=34.77	Pass
		Edge_1RB_Right	22.34	/	/	16.29	/	/	<=34.77	Pass
		Outer_Full	22.35	/	/	16.30	/	/	<=34.77	Pass
		Inner_Full	23.38	/	/	17.33	/	/	<=34.77	Pass
		Inner_1RB_Left	23.26	/	/	17.21	/	/	<=34.77	Pass
		Inner_1RB_Right	23.18	/	/	17.13	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	670.5	Edge_1RB_Left	21.08	/	/	15.03	/	/	<=34.77	Pass
		Edge_1RB_Right	21.25	/	/	15.20	/	/	<=34.77	Pass
		Outer_Full	21.17	/	/	15.12	/	/	<=34.77	Pass
		Inner_Full	22.21	/	/	16.16	/	/	<=34.77	Pass
		Inner_1RB_Left	22.28	/	/	16.23	/	/	<=34.77	Pass
		Inner_1RB_Right	22.33	/	/	16.28	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.50	/	/	15.45	/	/	<=34.77	Pass
		Edge_1RB_Right	21.54	/	/	15.49	/	/	<=34.77	Pass
		Outer_Full	21.23	/	/	15.18	/	/	<=34.77	Pass
		Inner_Full	22.34	/	/	16.29	/	/	<=34.77	Pass
		Inner_1RB_Left	22.55	/	/	16.50	/	/	<=34.77	Pass
		Inner_1RB_Right	22.50	/	/	16.45	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	21.53	/	/	15.48	/	/	<=34.77	Pass
		Edge_1RB_Right	21.44	/	/	15.39	/	/	<=34.77	Pass
		Outer_Full	21.32	/	/	15.27	/	/	<=34.77	Pass
		Inner_Full	22.20	/	/	16.15	/	/	<=34.77	Pass
		Inner_1RB_Left	22.38	/	/	16.33	/	/	<=34.77	Pass
		Inner_1RB_Right	22.39	/	/	16.34	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	670.5	Edge_1RB_Left	20.35	/	/	14.30	/	/	<=34.77	Pass
		Edge_1RB_Right	20.48	/	/	14.43	/	/	<=34.77	Pass
		Outer_Full	20.82	/	/	14.77	/	/	<=34.77	Pass
		Inner_Full	20.77	/	/	14.72	/	/	<=34.77	Pass

		Inner_1RB_Left	20.36	/	/	14.31	/	/	<=34.77	Pass
		Inner_1RB_Right	20.48	/	/	14.43	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.52	/	/	14.47	/	/	<=34.77	Pass
		Edge_1RB_Right	20.63	/	/	14.58	/	/	<=34.77	Pass
		Outer_Full	20.90	/	/	14.85	/	/	<=34.77	Pass
		Inner_Full	20.91	/	/	14.86	/	/	<=34.77	Pass
		Inner_1RB_Left	20.63	/	/	14.58	/	/	<=34.77	Pass
		Inner_1RB_Right	20.58	/	/	14.53	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	20.34	/	/	14.29	/	/	<=34.77	Pass
		Edge_1RB_Right	20.29	/	/	14.24	/	/	<=34.77	Pass
		Outer_Full	20.66	/	/	14.61	/	/	<=34.77	Pass
		Inner_Full	20.19	/	/	14.14	/	/	<=34.77	Pass
		Inner_1RB_Left	20.40	/	/	14.35	/	/	<=34.77	Pass
		Inner_1RB_Right	20.00	/	/	13.95	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	670.5	Edge_1RB_Left	18.59	/	/	12.54	/	/	<=34.77	Pass
		Edge_1RB_Right	18.63	/	/	12.58	/	/	<=34.77	Pass
		Outer_Full	18.85	/	/	12.80	/	/	<=34.77	Pass
		Inner_Full	18.91	/	/	12.86	/	/	<=34.77	Pass
		Inner_1RB_Left	18.64	/	/	12.59	/	/	<=34.77	Pass
		Inner_1RB_Right	18.67	/	/	12.62	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	18.52	/	/	12.47	/	/	<=34.77	Pass
		Edge_1RB_Right	18.50	/	/	12.45	/	/	<=34.77	Pass
		Outer_Full	18.87	/	/	12.82	/	/	<=34.77	Pass
		Inner_Full	18.62	/	/	12.57	/	/	<=34.77	Pass
		Inner_1RB_Left	18.41	/	/	12.36	/	/	<=34.77	Pass
		Inner_1RB_Right	18.32	/	/	12.27	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	17.91	/	/	11.86	/	/	<=34.77	Pass
		Edge_1RB_Right	17.99	/	/	11.94	/	/	<=34.77	Pass
		Outer_Full	18.35	/	/	12.30	/	/	<=34.77	Pass
		Inner_Full	18.19	/	/	12.14	/	/	<=34.77	Pass
		Inner_1RB_Left	18.00	/	/	11.95	/	/	<=34.77	Pass
		Inner_1RB_Right	18.00	/	/	11.95	/	/	<=34.77	Pass
CP-OFDM QPSK	670.5	Edge_1RB_Left	20.22	/	/	14.17	/	/	<=34.77	Pass
		Edge_1RB_Right	19.63	/	/	13.58	/	/	<=34.77	Pass
		Outer_Full	20.47	/	/	14.42	/	/	<=34.77	Pass
		Inner_Full	21.78	/	/	15.73	/	/	<=34.77	Pass
		Inner_1RB_Left	21.22	/	/	15.17	/	/	<=34.77	Pass
		Inner_1RB_Right	21.21	/	/	15.16	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.13	/	/	14.08	/	/	<=34.77	Pass
		Edge_1RB_Right	20.06	/	/	14.01	/	/	<=34.77	Pass
		Outer_Full	20.45	/	/	14.40	/	/	<=34.77	Pass
		Inner_Full	21.84	/	/	15.79	/	/	<=34.77	Pass
		Inner_1RB_Left	21.75	/	/	15.70	/	/	<=34.77	Pass
		Inner_1RB_Right	21.84	/	/	15.79	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	19.73	/	/	13.68	/	/	<=34.77	Pass
		Edge_1RB_Right	19.72	/	/	13.67	/	/	<=34.77	Pass
		Outer_Full	19.77	/	/	13.72	/	/	<=34.77	Pass
		Inner_Full	21.20	/	/	15.15	/	/	<=34.77	Pass
		Inner_1RB_Left	21.25	/	/	15.20	/	/	<=34.77	Pass
		Inner_1RB_Right	21.17	/	/	15.12	/	/	<=34.77	Pass
CP-OFDM 16 QAM	670.5	Edge_1RB_Left	20.05	/	/	14.00	/	/	<=34.77	Pass
		Edge_1RB_Right	20.21	/	/	14.16	/	/	<=34.77	Pass
		Outer_Full	19.73	/	/	13.68	/	/	<=34.77	Pass
		Inner_Full	20.78	/	/	14.73	/	/	<=34.77	Pass
		Inner_1RB_Left	21.12	/	/	15.07	/	/	<=34.77	Pass
		Inner_1RB_Right	21.17	/	/	15.12	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.43	/	/	14.38	/	/	<=34.77	Pass
		Edge_1RB_Right	20.45	/	/	14.40	/	/	<=34.77	Pass
		Outer_Full	20.31	/	/	14.26	/	/	<=34.77	Pass

		Inner_Full	21.43	/	/	15.38	/	/	<=34.77	Pass
		Inner_1RB_Left	21.69	/	/	15.64	/	/	<=34.77	Pass
		Inner_1RB_Right	21.63	/	/	15.58	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	19.88	/	/	13.83	/	/	<=34.77	Pass
		Edge_1RB_Right	19.98	/	/	13.93	/	/	<=34.77	Pass
		Outer_Full	19.65	/	/	13.60	/	/	<=34.77	Pass
		Inner_Full	20.75	/	/	14.70	/	/	<=34.77	Pass
		Inner_1RB_Left	21.05	/	/	15.00	/	/	<=34.77	Pass
		Inner_1RB_Right	20.97	/	/	14.92	/	/	<=34.77	Pass
CP-OFDM 64 QAM	670.5	Edge_1RB_Left	19.14	/	/	13.09	/	/	<=34.77	Pass
		Edge_1RB_Right	19.32	/	/	13.27	/	/	<=34.77	Pass
		Outer_Full	19.25	/	/	13.20	/	/	<=34.77	Pass
		Inner_Full	19.27	/	/	13.22	/	/	<=34.77	Pass
		Inner_1RB_Left	19.18	/	/	13.13	/	/	<=34.77	Pass
		Inner_1RB_Right	19.26	/	/	13.21	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.62	/	/	13.57	/	/	<=34.77	Pass
		Edge_1RB_Right	19.57	/	/	13.52	/	/	<=34.77	Pass
		Outer_Full	19.91	/	/	13.86	/	/	<=34.77	Pass
		Inner_Full	19.70	/	/	13.65	/	/	<=34.77	Pass
		Inner_1RB_Left	19.68	/	/	13.63	/	/	<=34.77	Pass
		Inner_1RB_Right	19.59	/	/	13.54	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	19.08	/	/	13.03	/	/	<=34.77	Pass
		Edge_1RB_Right	19.04	/	/	12.99	/	/	<=34.77	Pass
		Outer_Full	19.17	/	/	13.12	/	/	<=34.77	Pass
		Inner_Full	19.12	/	/	13.07	/	/	<=34.77	Pass
		Inner_1RB_Left	19.16	/	/	13.11	/	/	<=34.77	Pass
		Inner_1RB_Right	19.03	/	/	12.98	/	/	<=34.77	Pass
CP-OFDM 256 QAM	670.5	Edge_1RB_Left	15.71	/	/	9.66	/	/	<=34.77	Pass
		Edge_1RB_Right	15.81	/	/	9.76	/	/	<=34.77	Pass
		Outer_Full	15.72	/	/	9.67	/	/	<=34.77	Pass
		Inner_Full	15.72	/	/	9.67	/	/	<=34.77	Pass
		Inner_1RB_Left	15.64	/	/	9.59	/	/	<=34.77	Pass
		Inner_1RB_Right	15.68	/	/	9.63	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	16.06	/	/	10.01	/	/	<=34.77	Pass
		Edge_1RB_Right	16.32	/	/	10.27	/	/	<=34.77	Pass
		Outer_Full	16.60	/	/	10.55	/	/	<=34.77	Pass
		Inner_Full	17.01	/	/	10.96	/	/	<=34.77	Pass
		Inner_1RB_Left	16.08	/	/	10.03	/	/	<=34.77	Pass
		Inner_1RB_Right	15.98	/	/	9.93	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	15.82	/	/	9.77	/	/	<=34.77	Pass
		Edge_1RB_Right	15.76	/	/	9.71	/	/	<=34.77	Pass
		Outer_Full	15.84	/	/	9.79	/	/	<=34.77	Pass
		Inner_Full	15.77	/	/	9.72	/	/	<=34.77	Pass
		Inner_1RB_Left	15.81	/	/	9.76	/	/	<=34.77	Pass
		Inner_1RB_Right	15.76	/	/	9.71	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: -3.90dBi; 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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	673	Edge_1RB_Left	22.01	/	/	15.96	/	/	<=34.77	Pass
		Edge_1RB_Right	22.24	/	/	16.19	/	/	<=34.77	Pass
		Outer_Full	22.23	/	/	16.18	/	/	<=34.77	Pass
		Inner_Full	22.81	/	/	16.76	/	/	<=34.77	Pass

		Inner_1RB_Left	22.73	/	/	16.68	/	/	<=34.77	Pass
		Inner_1RB_Right	22.75	/	/	16.70	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	22.35	/	/	16.30	/	/	<=34.77	Pass
		Edge_1RB_Right	22.27	/	/	16.22	/	/	<=34.77	Pass
		Outer_Full	22.88	/	/	16.83	/	/	<=34.77	Pass
		Inner_Full	23.20	/	/	17.15	/	/	<=34.77	Pass
		Inner_1RB_Left	22.65	/	/	16.60	/	/	<=34.77	Pass
		Inner_1RB_Right	23.08	/	/	17.03	/	/	<=34.77	Pass
	688	Edge_1RB_Left	22.29	/	/	16.24	/	/	<=34.77	Pass
		Edge_1RB_Right	22.22	/	/	16.17	/	/	<=34.77	Pass
		Outer_Full	22.23	/	/	16.18	/	/	<=34.77	Pass
		Inner_Full	23.23	/	/	17.18	/	/	<=34.77	Pass
		Inner_1RB_Left	22.63	/	/	16.58	/	/	<=34.77	Pass
		Inner_1RB_Right	22.62	/	/	16.57	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	673	Edge_1RB_Left	21.94	/	/	15.89	/	/	<=34.77	Pass
		Edge_1RB_Right	21.77	/	/	15.72	/	/	<=34.77	Pass
		Outer_Full	22.19	/	/	16.14	/	/	<=34.77	Pass
		Inner_Full	22.72	/	/	16.67	/	/	<=34.77	Pass
		Inner_1RB_Left	22.62	/	/	16.57	/	/	<=34.77	Pass
		Inner_1RB_Right	22.76	/	/	16.71	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.77	/	/	15.72	/	/	<=34.77	Pass
		Edge_1RB_Right	22.02	/	/	15.97	/	/	<=34.77	Pass
		Outer_Full	22.18	/	/	16.13	/	/	<=34.77	Pass
		Inner_Full	22.89	/	/	16.84	/	/	<=34.77	Pass
		Inner_1RB_Left	23.03	/	/	16.98	/	/	<=34.77	Pass
		Inner_1RB_Right	23.15	/	/	17.10	/	/	<=34.77	Pass
	688	Edge_1RB_Left	21.51	/	/	15.46	/	/	<=34.77	Pass
		Edge_1RB_Right	21.36	/	/	15.31	/	/	<=34.77	Pass
		Outer_Full	21.47	/	/	15.42	/	/	<=34.77	Pass
		Inner_Full	22.57	/	/	16.52	/	/	<=34.77	Pass
		Inner_1RB_Left	22.66	/	/	16.61	/	/	<=34.77	Pass
		Inner_1RB_Right	22.52	/	/	16.47	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	673	Edge_1RB_Left	20.75	/	/	14.70	/	/	<=34.77	Pass
		Edge_1RB_Right	20.81	/	/	14.76	/	/	<=34.77	Pass
		Outer_Full	20.60	/	/	14.55	/	/	<=34.77	Pass
		Inner_Full	21.74	/	/	15.69	/	/	<=34.77	Pass
		Inner_1RB_Left	21.81	/	/	15.76	/	/	<=34.77	Pass
		Inner_1RB_Right	21.93	/	/	15.88	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.90	/	/	14.85	/	/	<=34.77	Pass
		Edge_1RB_Right	20.93	/	/	14.88	/	/	<=34.77	Pass
		Outer_Full	20.81	/	/	14.76	/	/	<=34.77	Pass
		Inner_Full	21.84	/	/	15.79	/	/	<=34.77	Pass
		Inner_1RB_Left	21.93	/	/	15.88	/	/	<=34.77	Pass
		Inner_1RB_Right	21.98	/	/	15.93	/	/	<=34.77	Pass
	688	Edge_1RB_Left	20.70	/	/	14.65	/	/	<=34.77	Pass
		Edge_1RB_Right	20.56	/	/	14.51	/	/	<=34.77	Pass
		Outer_Full	20.45	/	/	14.40	/	/	<=34.77	Pass
		Inner_Full	21.59	/	/	15.54	/	/	<=34.77	Pass
		Inner_1RB_Left	21.76	/	/	15.71	/	/	<=34.77	Pass
		Inner_1RB_Right	21.66	/	/	15.61	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	673	Edge_1RB_Left	19.83	/	/	13.78	/	/	<=34.77	Pass
		Edge_1RB_Right	19.92	/	/	13.87	/	/	<=34.77	Pass
		Outer_Full	20.08	/	/	14.03	/	/	<=34.77	Pass
		Inner_Full	20.11	/	/	14.06	/	/	<=34.77	Pass
		Inner_1RB_Left	19.71	/	/	13.66	/	/	<=34.77	Pass
		Inner_1RB_Right	19.84	/	/	13.79	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.89	/	/	13.84	/	/	<=34.77	Pass
		Edge_1RB_Right	19.95	/	/	13.90	/	/	<=34.77	Pass
		Outer_Full	20.29	/	/	14.24	/	/	<=34.77	Pass

		Inner_Full	20.30	/	/	14.25	/	/	<=34.77	Pass
		Inner_1RB_Left	19.94	/	/	13.89	/	/	<=34.77	Pass
		Inner_1RB_Right	19.99	/	/	13.94	/	/	<=34.77	Pass
	688	Edge_1RB_Left	19.68	/	/	13.63	/	/	<=34.77	Pass
		Edge_1RB_Right	19.62	/	/	13.57	/	/	<=34.77	Pass
		Outer_Full	19.97	/	/	13.92	/	/	<=34.77	Pass
		Inner_Full	19.96	/	/	13.91	/	/	<=34.77	Pass
		Inner_1RB_Left	19.72	/	/	13.67	/	/	<=34.77	Pass
		Inner_1RB_Right	19.59	/	/	13.54	/	/	<=34.77	Pass
		Edge_1RB_Left	18.36	/	/	12.31	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	673	Edge_1RB_Right	18.49	/	/	12.44	/	/	<=34.77	Pass
		Outer_Full	18.16	/	/	12.11	/	/	<=34.77	Pass
		Inner_Full	18.57	/	/	12.52	/	/	<=34.77	Pass
		Inner_1RB_Left	18.48	/	/	12.43	/	/	<=34.77	Pass
		Inner_1RB_Right	18.39	/	/	12.34	/	/	<=34.77	Pass
		Edge_1RB_Left	17.55	/	/	11.50	/	/	<=34.77	Pass
	680.5	Edge_1RB_Right	17.71	/	/	11.66	/	/	<=34.77	Pass
		Outer_Full	17.80	/	/	11.75	/	/	<=34.77	Pass
		Inner_Full	18.07	/	/	12.02	/	/	<=34.77	Pass
		Inner_1RB_Left	17.60	/	/	11.55	/	/	<=34.77	Pass
		Inner_1RB_Right	17.82	/	/	11.77	/	/	<=34.77	Pass
		Edge_1RB_Left	17.50	/	/	11.45	/	/	<=34.77	Pass
	688	Edge_1RB_Right	17.55	/	/	11.50	/	/	<=34.77	Pass
		Outer_Full	17.69	/	/	11.64	/	/	<=34.77	Pass
		Inner_Full	17.67	/	/	11.62	/	/	<=34.77	Pass
		Inner_1RB_Left	17.53	/	/	11.48	/	/	<=34.77	Pass
		Inner_1RB_Right	17.56	/	/	11.51	/	/	<=34.77	Pass
		Edge_1RB_Left	20.04	/	/	13.99	/	/	<=34.77	Pass
CP-OFDM QPSK	673	Edge_1RB_Right	19.46	/	/	13.41	/	/	<=34.77	Pass
		Outer_Full	20.46	/	/	14.41	/	/	<=34.77	Pass
		Inner_Full	21.93	/	/	15.88	/	/	<=34.77	Pass
		Inner_1RB_Left	22.03	/	/	15.98	/	/	<=34.77	Pass
		Inner_1RB_Right	22.07	/	/	16.02	/	/	<=34.77	Pass
		Edge_1RB_Left	19.43	/	/	13.38	/	/	<=34.77	Pass
	680.5	Edge_1RB_Right	19.44	/	/	13.39	/	/	<=34.77	Pass
		Outer_Full	19.66	/	/	13.61	/	/	<=34.77	Pass
		Inner_Full	21.23	/	/	15.18	/	/	<=34.77	Pass
		Inner_1RB_Left	21.13	/	/	15.08	/	/	<=34.77	Pass
		Inner_1RB_Right	21.27	/	/	15.22	/	/	<=34.77	Pass
		Edge_1RB_Left	19.45	/	/	13.40	/	/	<=34.77	Pass
	688	Edge_1RB_Right	19.43	/	/	13.38	/	/	<=34.77	Pass
		Outer_Full	19.58	/	/	13.53	/	/	<=34.77	Pass
		Inner_Full	21.90	/	/	15.85	/	/	<=34.77	Pass
		Inner_1RB_Left	21.81	/	/	15.76	/	/	<=34.77	Pass
		Inner_1RB_Right	21.85	/	/	15.80	/	/	<=34.77	Pass
		Edge_1RB_Left	20.76	/	/	14.71	/	/	<=34.77	Pass
CP-OFDM 16 QAM	673	Edge_1RB_Right	20.80	/	/	14.75	/	/	<=34.77	Pass
		Outer_Full	20.47	/	/	14.42	/	/	<=34.77	Pass
		Inner_Full	21.43	/	/	15.38	/	/	<=34.77	Pass
		Inner_1RB_Left	21.60	/	/	15.55	/	/	<=34.77	Pass
		Inner_1RB_Right	21.85	/	/	15.80	/	/	<=34.77	Pass
		Edge_1RB_Left	19.78	/	/	13.73	/	/	<=34.77	Pass
	680.5	Edge_1RB_Right	19.89	/	/	13.84	/	/	<=34.77	Pass
		Outer_Full	19.63	/	/	13.58	/	/	<=34.77	Pass
		Inner_Full	20.58	/	/	14.53	/	/	<=34.77	Pass
		Inner_1RB_Left	20.92	/	/	14.87	/	/	<=34.77	Pass
		Inner_1RB_Right	20.89	/	/	14.84	/	/	<=34.77	Pass
		Edge_1RB_Left	20.79	/	/	14.74	/	/	<=34.77	Pass
	688	Edge_1RB_Right	20.59	/	/	14.54	/	/	<=34.77	Pass

		Outer_Full	20.34	/	/	14.29	/	/	<=34.77	Pass
		Inner_Full	21.36	/	/	15.31	/	/	<=34.77	Pass
		Inner_1RB_Left	21.77	/	/	15.72	/	/	<=34.77	Pass
		Inner_1RB_Right	21.73	/	/	15.68	/	/	<=34.77	Pass
CP-OFDM 64 QAM	673	Edge_1RB_Left	19.78	/	/	13.73	/	/	<=34.77	Pass
		Edge_1RB_Right	19.76	/	/	13.71	/	/	<=34.77	Pass
		Outer_Full	20.01	/	/	13.96	/	/	<=34.77	Pass
		Inner_Full	19.59	/	/	13.54	/	/	<=34.77	Pass
	680.5	Inner_1RB_Left	19.67	/	/	13.62	/	/	<=34.77	Pass
		Inner_1RB_Right	19.82	/	/	13.77	/	/	<=34.77	Pass
		Edge_1RB_Left	18.92	/	/	12.87	/	/	<=34.77	Pass
		Edge_1RB_Right	18.93	/	/	12.88	/	/	<=34.77	Pass
		Outer_Full	19.02	/	/	12.97	/	/	<=34.77	Pass
		Inner_Full	18.96	/	/	12.91	/	/	<=34.77	Pass
	688	Inner_1RB_Left	18.99	/	/	12.94	/	/	<=34.77	Pass
		Inner_1RB_Right	18.89	/	/	12.84	/	/	<=34.77	Pass
		Edge_1RB_Left	19.94	/	/	13.89	/	/	<=34.77	Pass
		Edge_1RB_Right	19.83	/	/	13.78	/	/	<=34.77	Pass
		Outer_Full	19.99	/	/	13.94	/	/	<=34.77	Pass
		Inner_Full	19.90	/	/	13.85	/	/	<=34.77	Pass
CP-OFDM 256 QAM	673	Inner_1RB_Left	19.82	/	/	13.77	/	/	<=34.77	Pass
		Inner_1RB_Right	19.74	/	/	13.69	/	/	<=34.77	Pass
		Edge_1RB_Left	16.80	/	/	10.75	/	/	<=34.77	Pass
		Edge_1RB_Right	16.94	/	/	10.89	/	/	<=34.77	Pass
		Outer_Full	16.88	/	/	10.83	/	/	<=34.77	Pass
		Inner_Full	16.79	/	/	10.74	/	/	<=34.77	Pass
	680.5	Inner_1RB_Left	16.95	/	/	10.90	/	/	<=34.77	Pass
		Inner_1RB_Right	16.89	/	/	10.84	/	/	<=34.77	Pass
		Edge_1RB_Left	15.81	/	/	9.76	/	/	<=34.77	Pass
		Edge_1RB_Right	15.86	/	/	9.81	/	/	<=34.77	Pass
		Outer_Full	15.87	/	/	9.82	/	/	<=34.77	Pass
		Inner_Full	15.87	/	/	9.82	/	/	<=34.77	Pass
	688	Inner_1RB_Left	15.79	/	/	9.74	/	/	<=34.77	Pass
		Inner_1RB_Right	15.77	/	/	9.72	/	/	<=34.77	Pass
		Edge_1RB_Left	16.81	/	/	10.76	/	/	<=34.77	Pass
		Edge_1RB_Right	16.74	/	/	10.69	/	/	<=34.77	Pass
Outer_Full		16.65	/	/	10.60	/	/	<=34.77	Pass	
Inner_Full		16.76	/	/	10.71	/	/	<=34.77	Pass	
	Inner_1RB_Left	16.85	/	/	10.80	/	/	<=34.77	Pass	
	Inner_1RB_Right	16.65	/	/	10.60	/	/	<=34.77	Pass	
Note1: Antenna Gain: Ant1: -3.90dBi; 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	-3.40	-0.0050	>=-2.5 & <=2.5	Pass
				HV	-5.80	-0.0085	>=-2.5 & <=2.5	Pass
			-30	NV	-8.20	-0.0120	>=-2.5 & <=2.5	Pass
				-20	NV	-5.20	-0.0076	>=-2.5 & <=2.5

			-10	NV	-6.70	-0.0098	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.00	-0.0103	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.90	-0.0057	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.00	-0.0088	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.30	-0.0078	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.40	-0.0094	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.30	-0.0078	≥ -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	4.59	5.08	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	4.57	5.11	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	4.56	5.07	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	4.59	5.08	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	4.58	5.80	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	4.55	5.07	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	4.56	5.05	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	4.53	5.36	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	4.55	5.05	/	Pass

3.1.2 15_S_10M_NTNV

5G NR n71 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	680.5	Outer_Full	9.06	9.71	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	9.06	9.75	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	9.07	10.31	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	9.08	9.75	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	9.00	10.13	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	9.38	10.05	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	9.35	10.40	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	9.39	10.10	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	9.39	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 PI/2 BPSK	680.5	Outer_Full	14.06	17.53	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	14.08	17.09	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	14.02	15.68	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	14.06	18.82	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	14.02	15.74	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	14.66	16.42	/	Pass

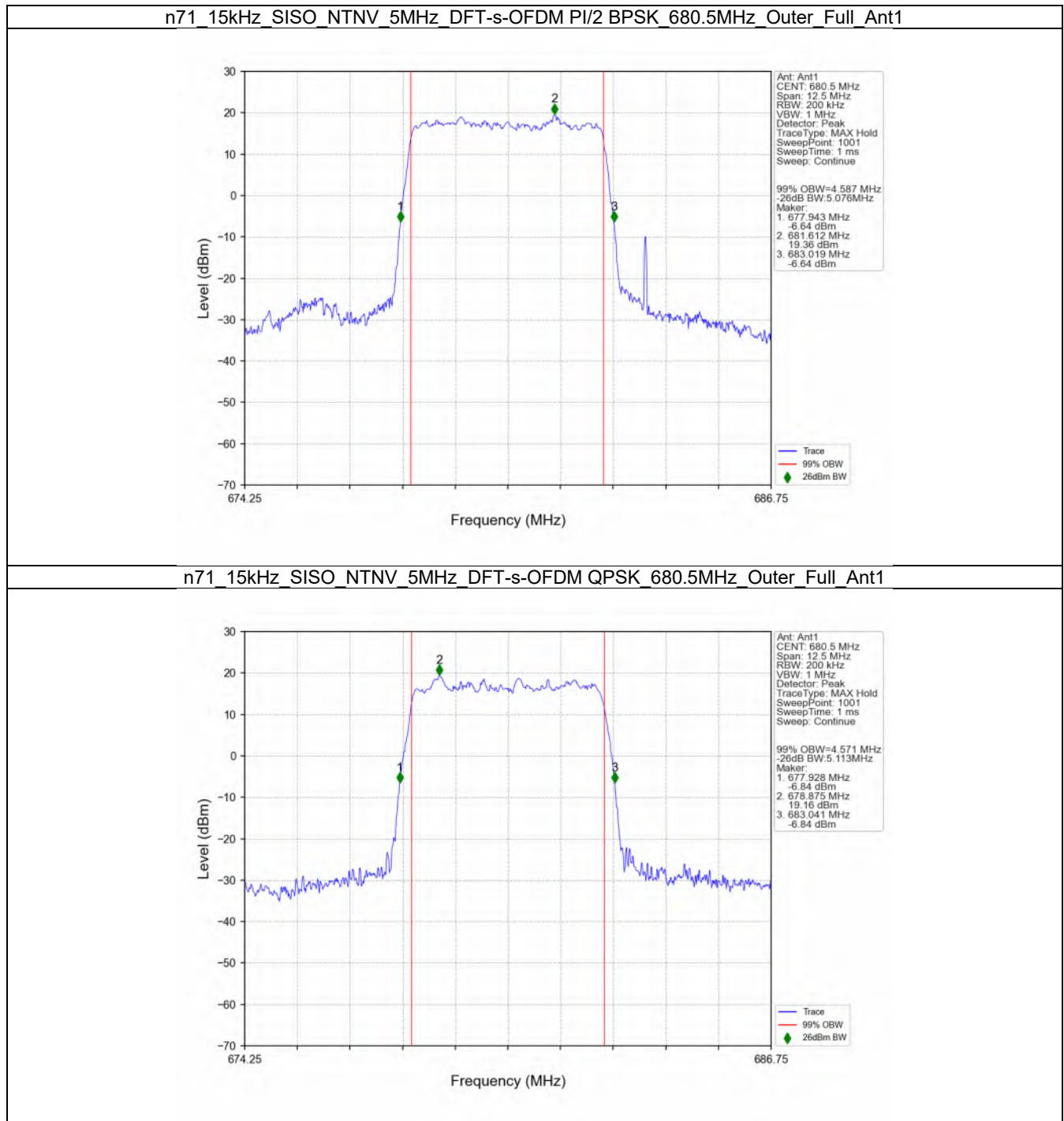
CP-OFDM 16 QAM	680.5	Outer_Full	14.77	17.65	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	14.74	18.75	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	14.70	16.44	/	Pass

3.1.4 15_S_20M_NTNV

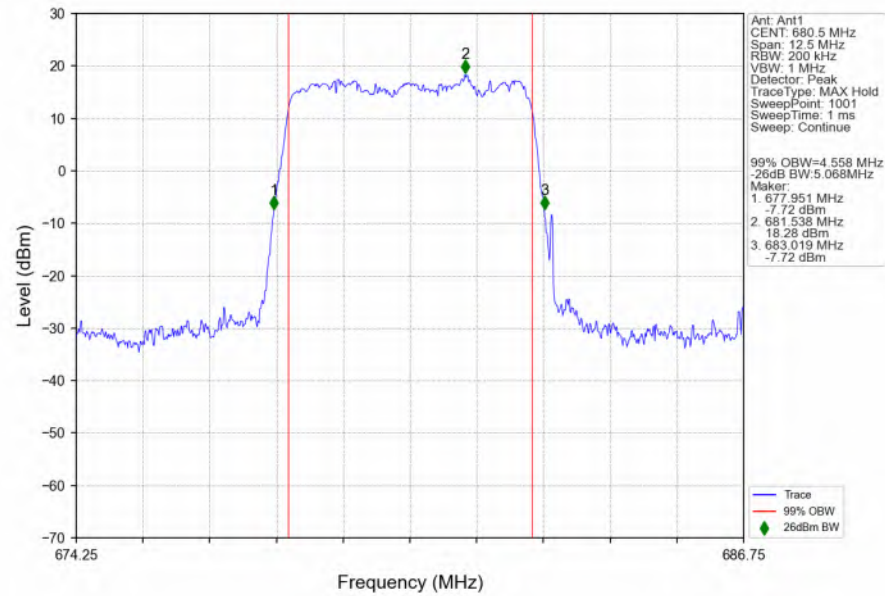
5G NR n71 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	680.5	Outer_Full	18.50	20.45	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	18.44	20.29	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	18.41	20.20	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	18.38	20.24	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	18.36	20.18	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	19.42	21.22	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	19.50	30.85	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	19.41	21.28	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	19.39	21.43	/	Pass

3.2 Test Graph

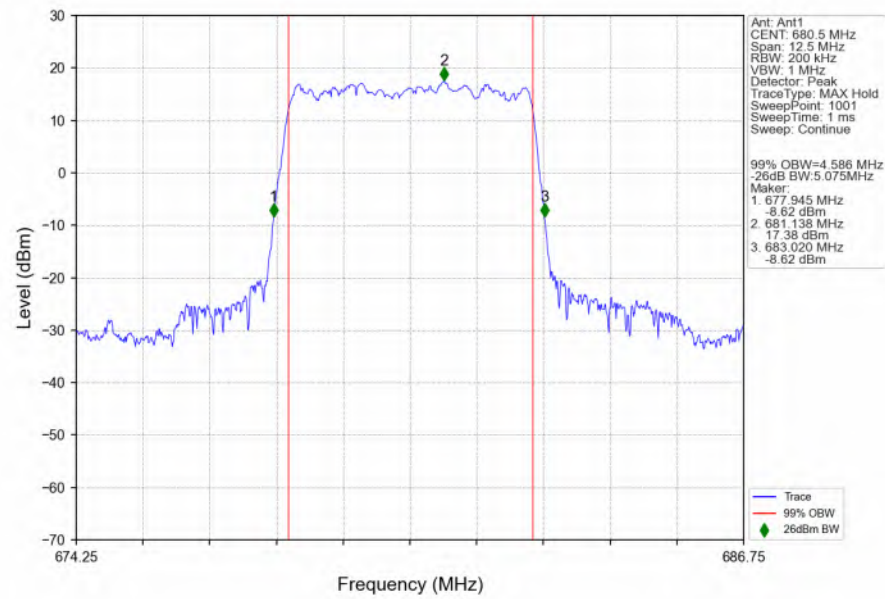
3.2.1 15_S_5M_NTNV



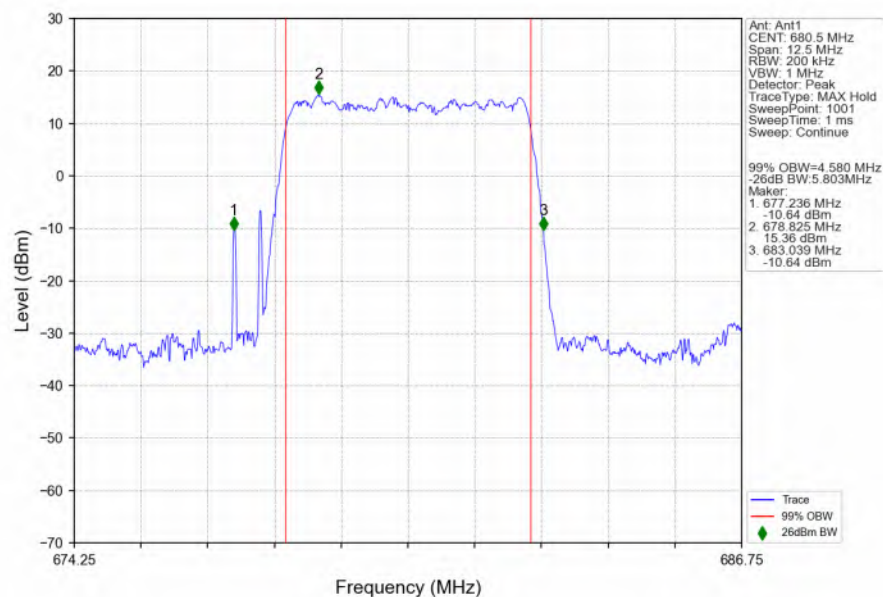
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM 680.5MHz_Outer_Full_Ant1



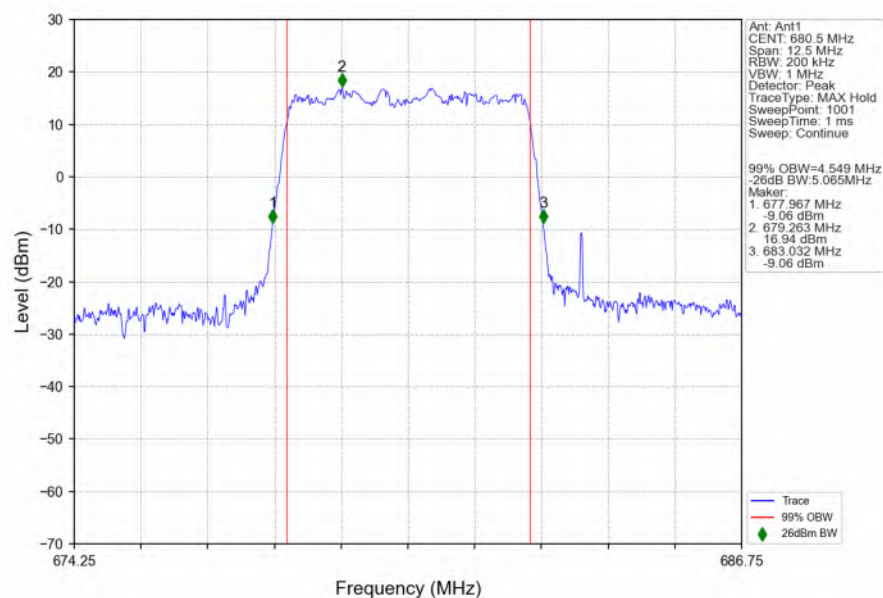
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM 680.5MHz_Outer_Full_Ant1



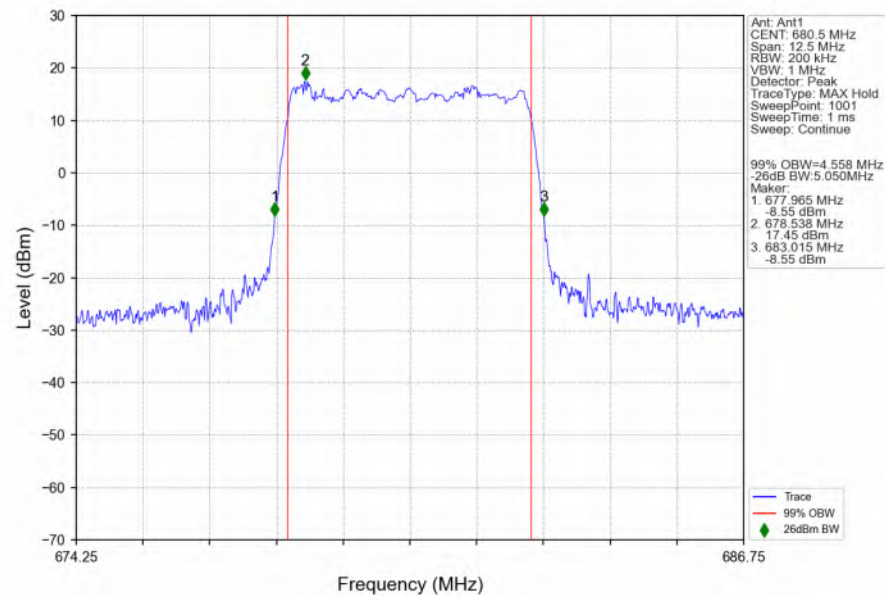
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_680.5MHz_Outer_Full_Ant1



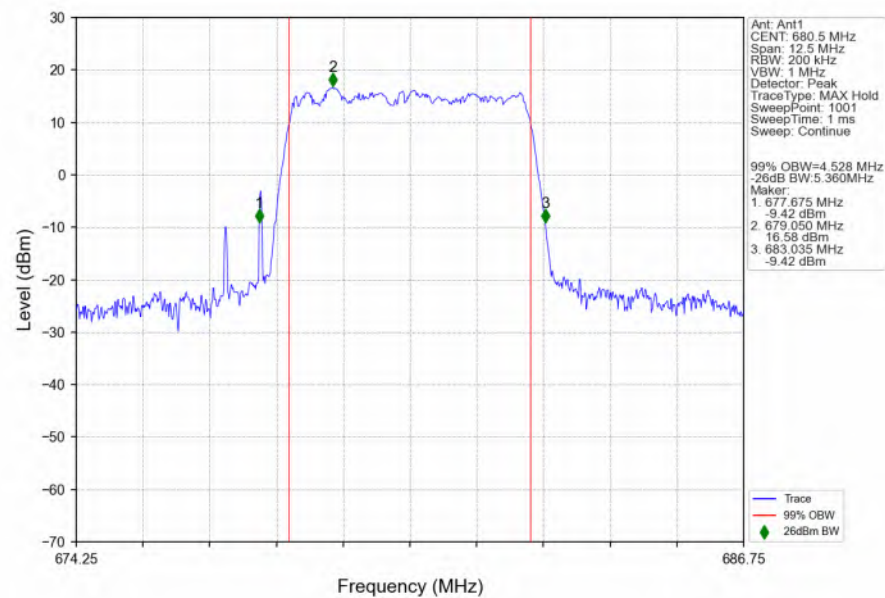
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_680.5MHz_Outer_Full_Ant1

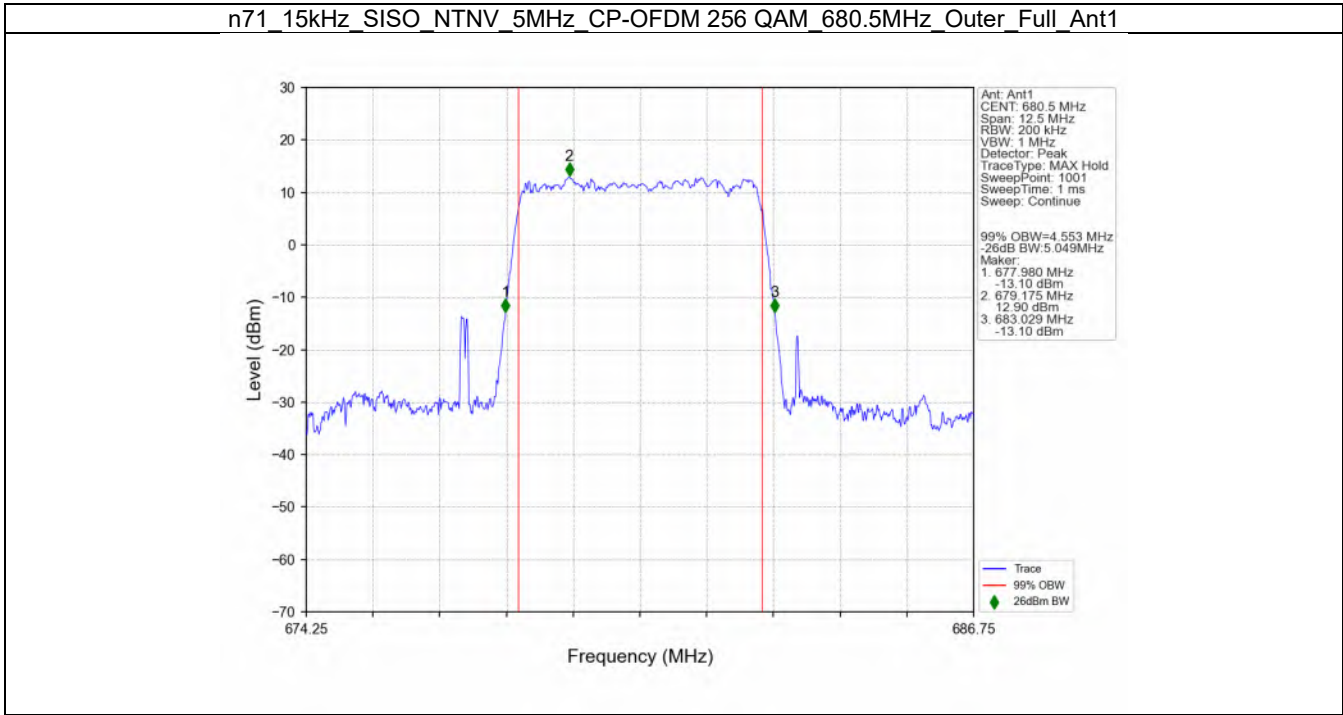


n71_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 680.5MHz_Outer_Full_Ant1



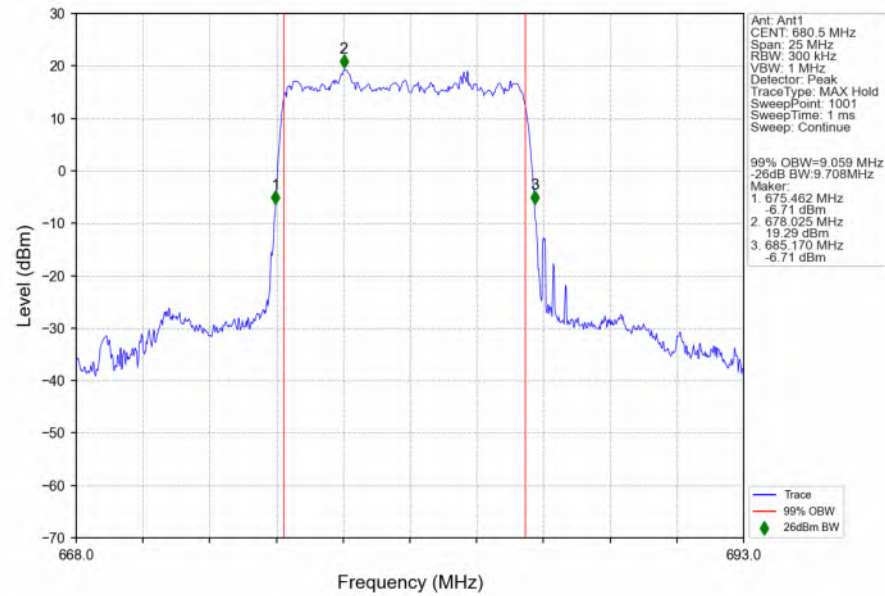
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 680.5MHz_Outer_Full_Ant1



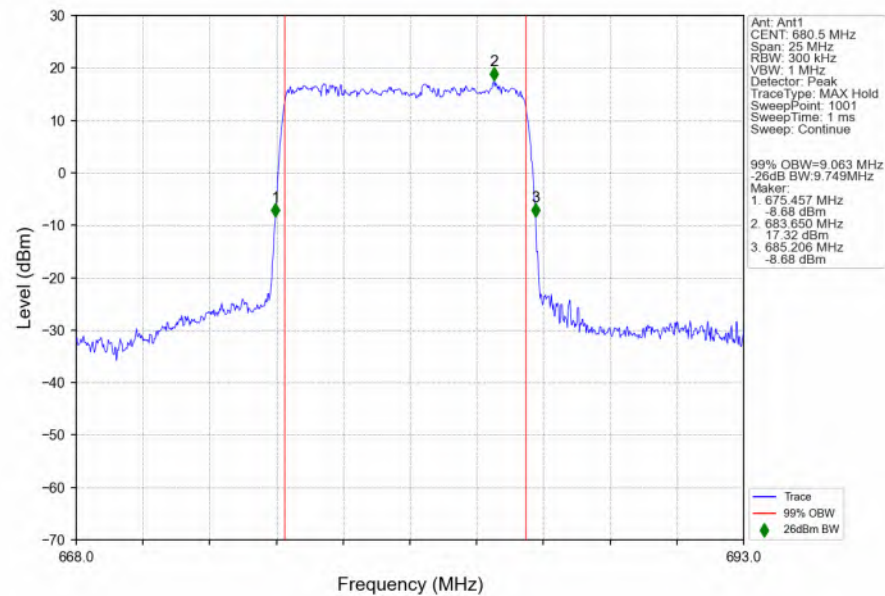


3.2.2 15_S_10M_NTNV

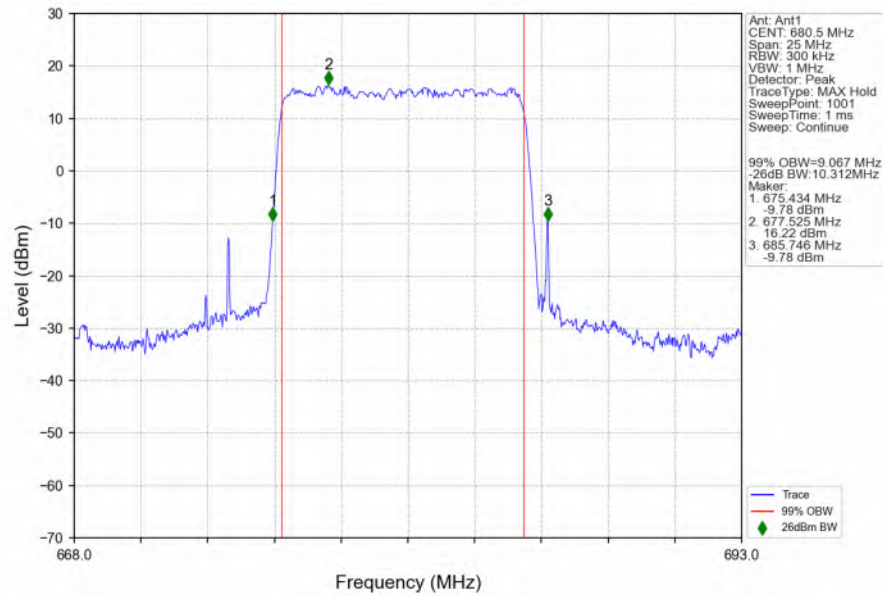
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_680.5MHz_Outer_Full_Ant1



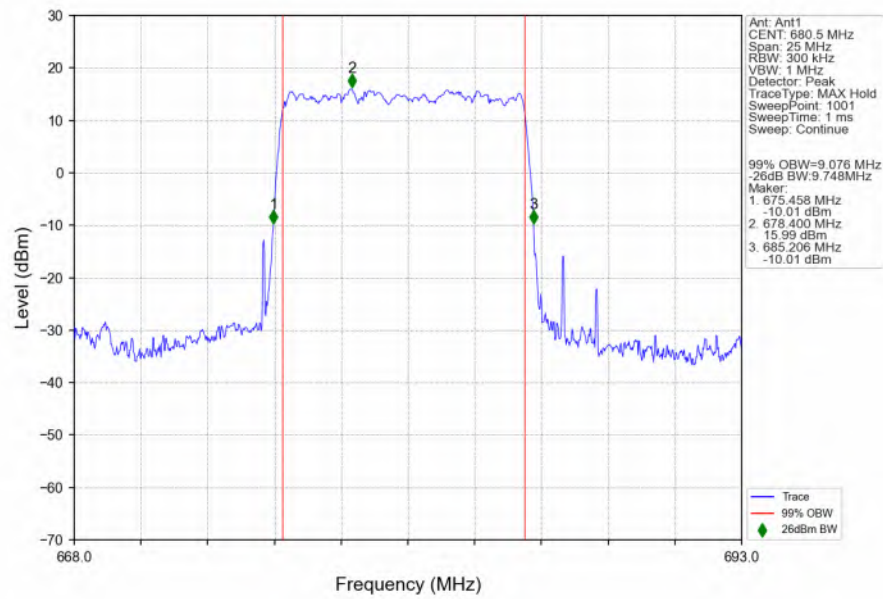
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_680.5MHz_Outer_Full_Ant1



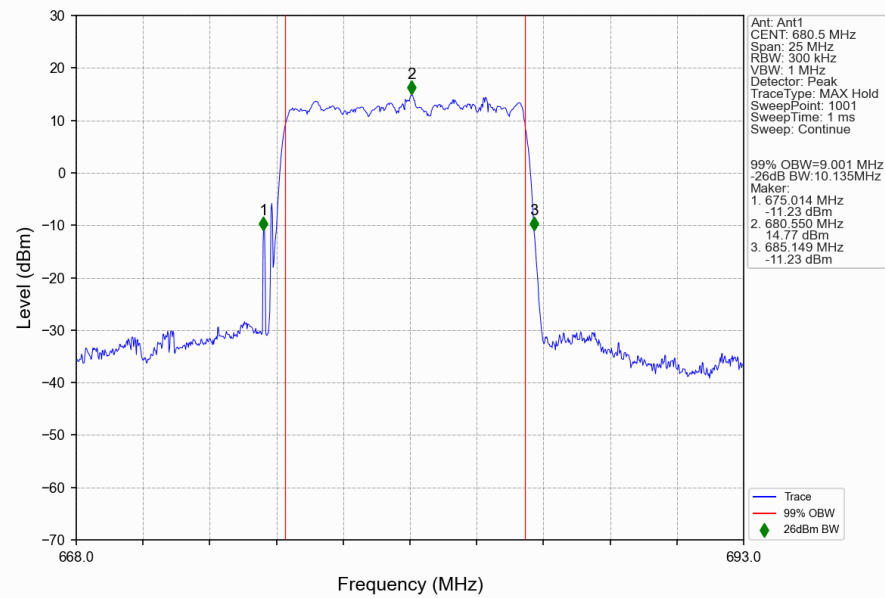
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_680.5MHz_Outer_Full_Ant1



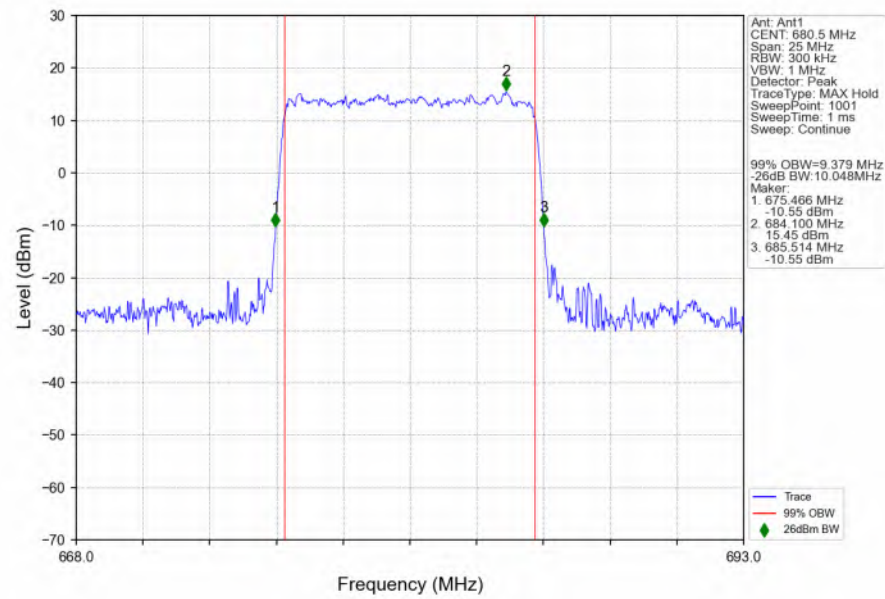
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_680.5MHz_Outer_Full_Ant1



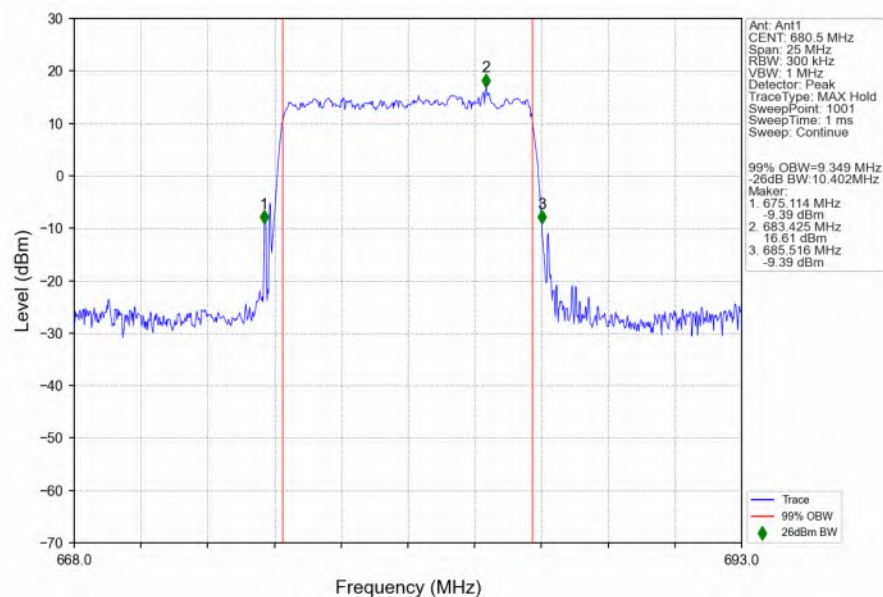
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_680.5MHz_Outer_Full_Ant1



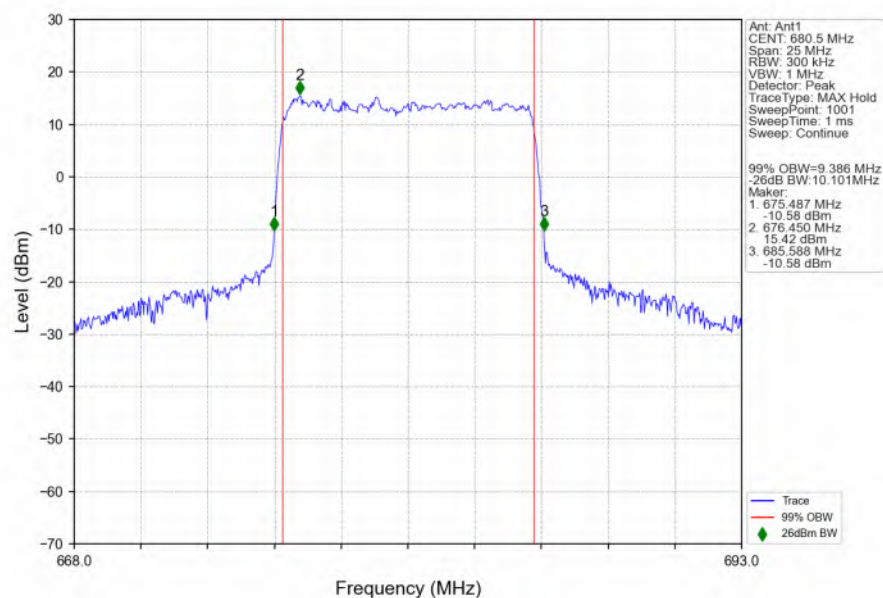
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_680.5MHz_Outer_Full_Ant1



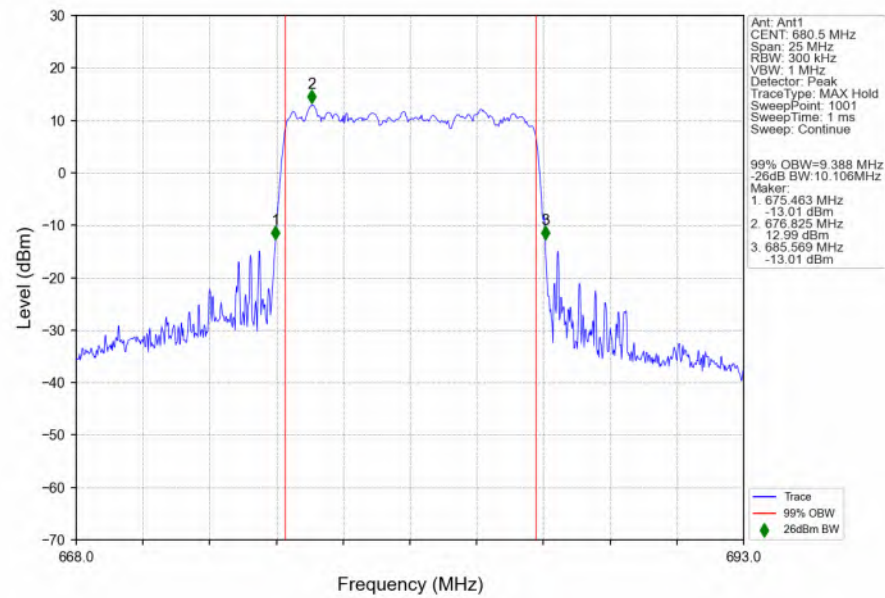
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM_16 QAM_680.5MHz_Outer_Full_Ant1



n71_15kHz_SISO_NTNV_10MHz_CP-OFDM_64 QAM_680.5MHz_Outer_Full_Ant1

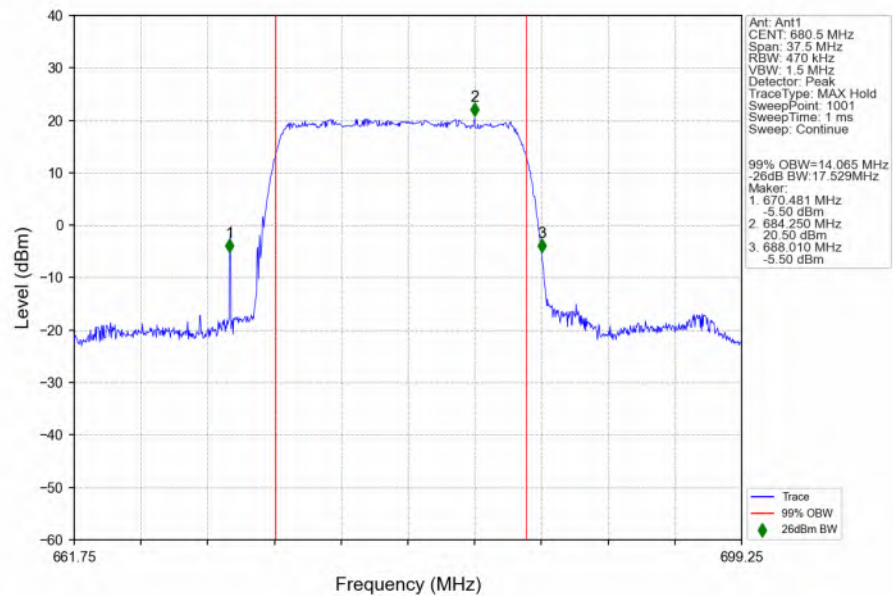


n71_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_680.5MHz_Outer_Full_Ant1

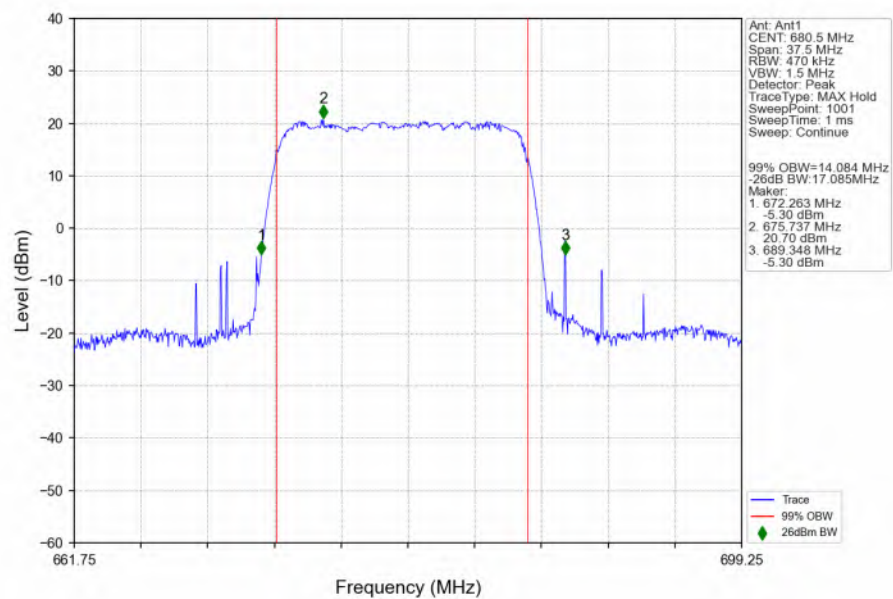


3.2.3 15_S_15M_NTNV

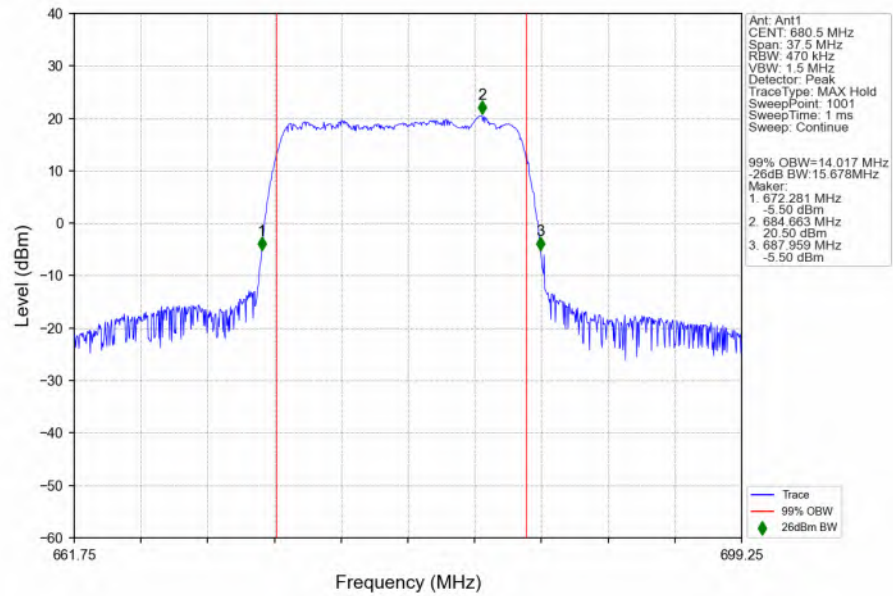
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_680.5MHz_Outer_Full_Ant1



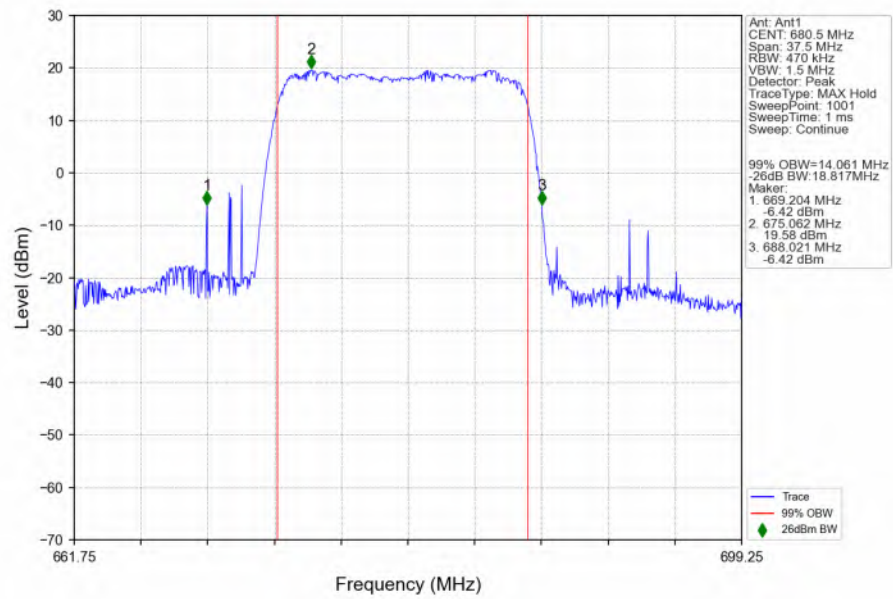
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_680.5MHz_Outer_Full_Ant1



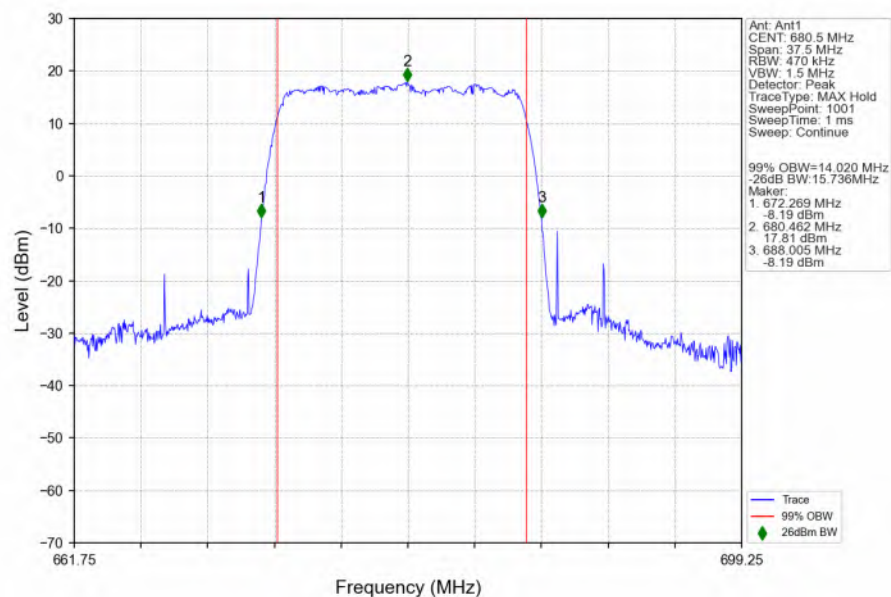
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_680.5MHz_Outer_Full_Ant1



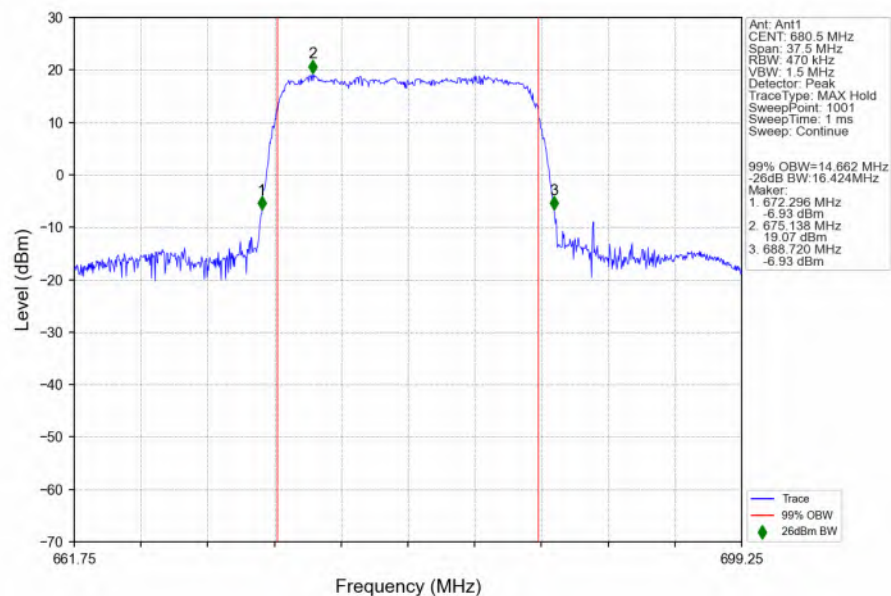
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_680.5MHz_Outer_Full_Ant1



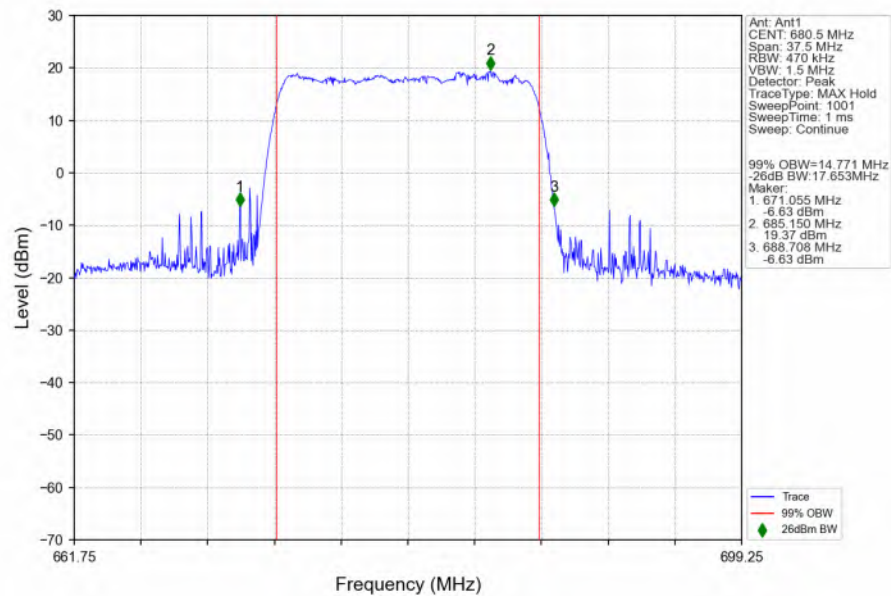
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_680.5MHz_Outer_Full_Ant1



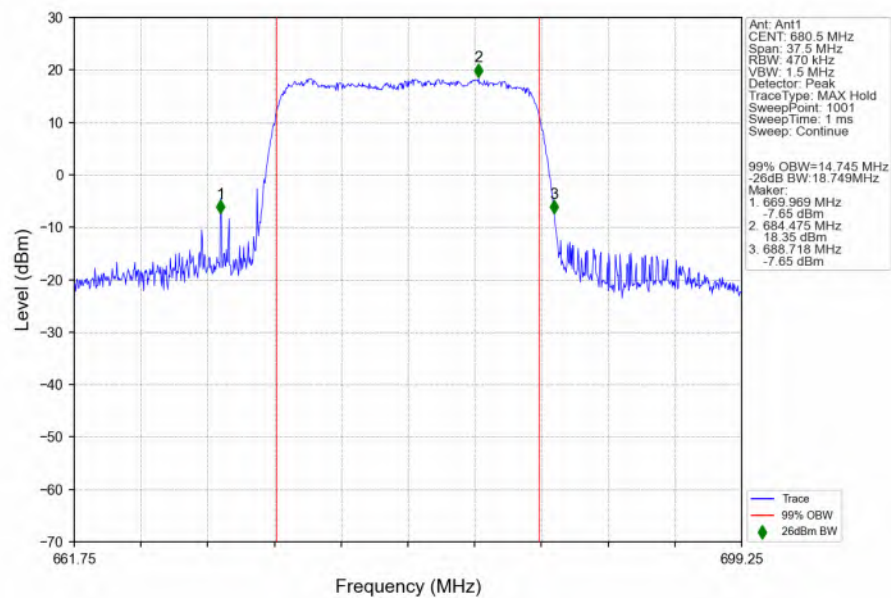
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_680.5MHz_Outer_Full_Ant1



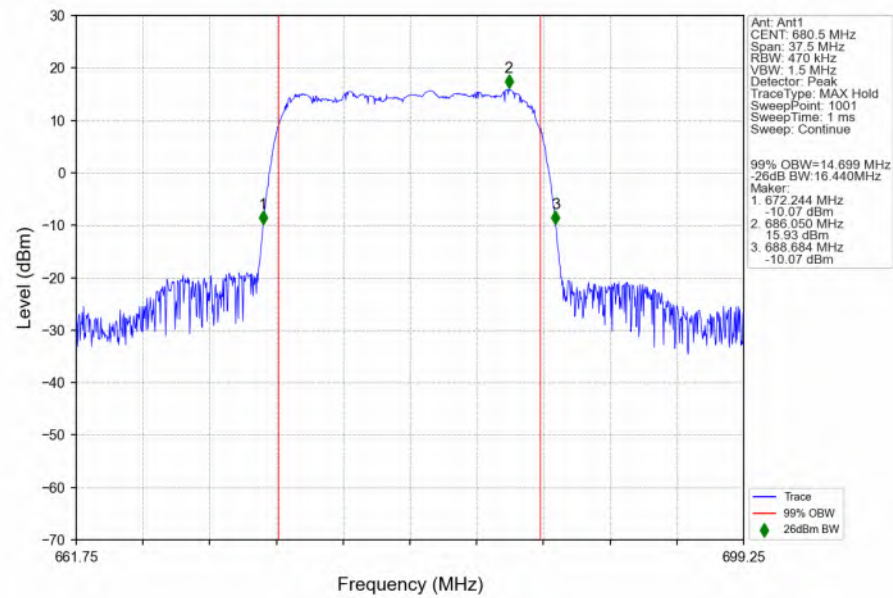
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_16 QAM_680.5MHz_Outer_Full_Ant1



n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_64 QAM_680.5MHz_Outer_Full_Ant1

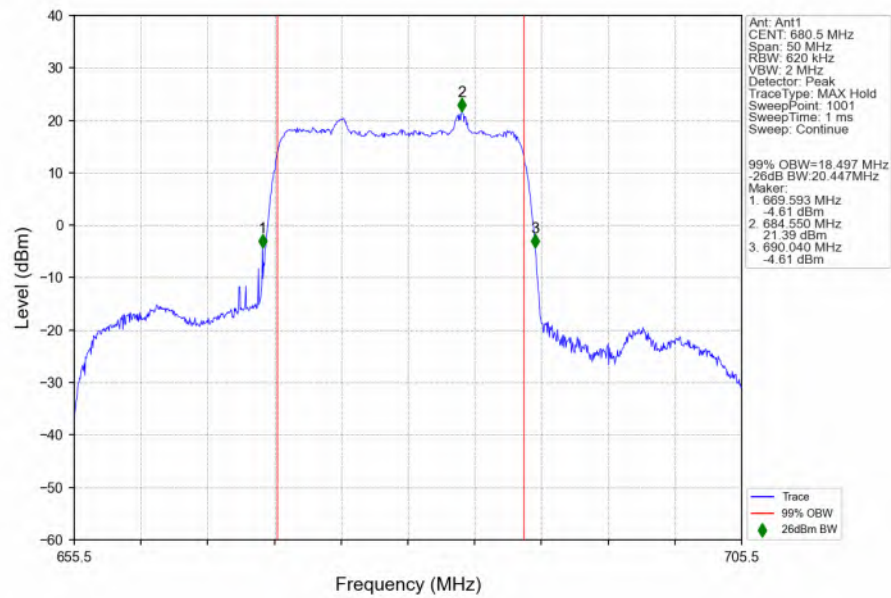


n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_680.5MHz_Outer_Full_Ant1

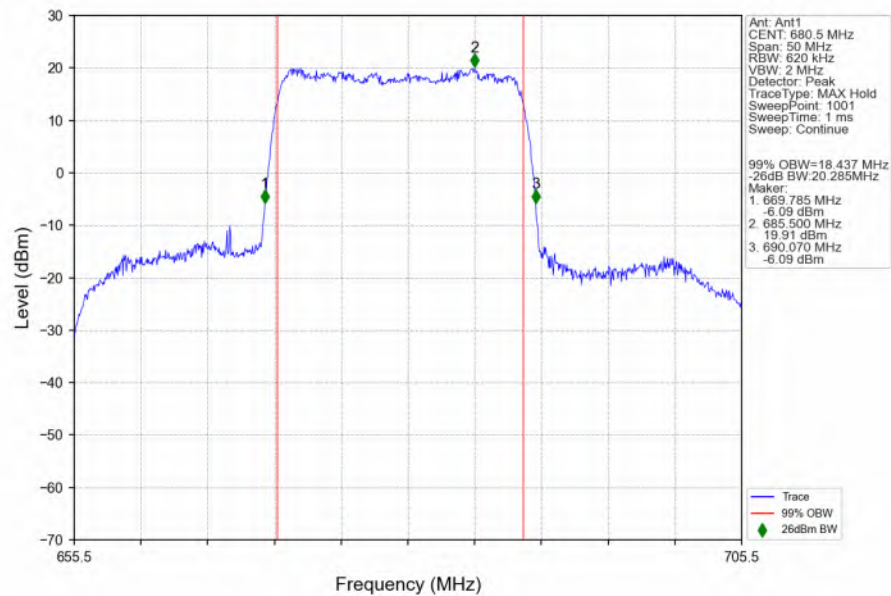


3.2.4 15_S_20M_NTNV

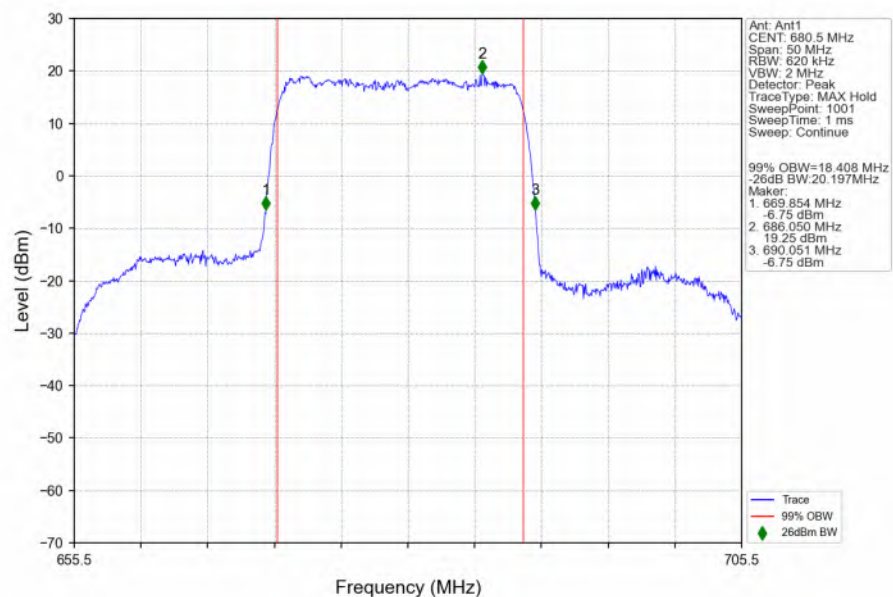
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_680.5MHz_Outer_Full_Ant1



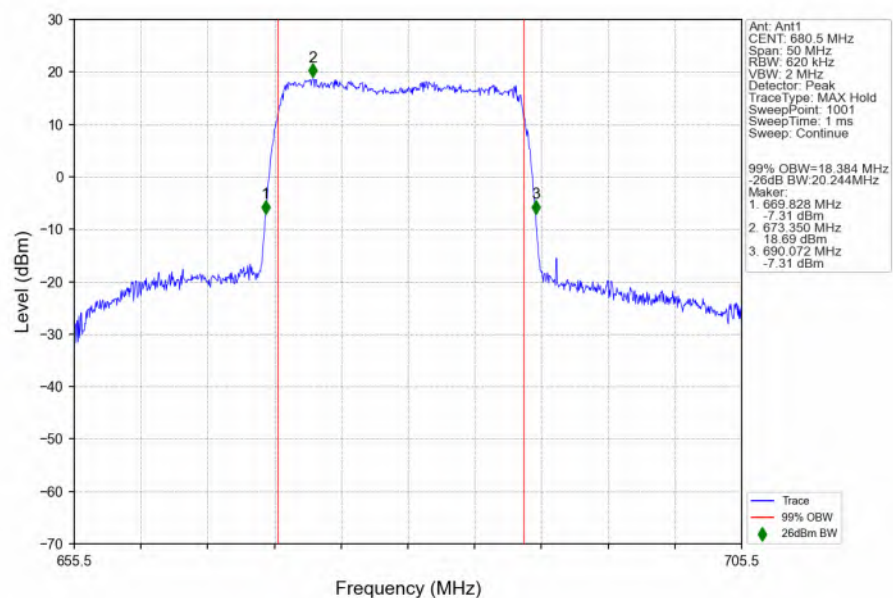
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_680.5MHz_Outer_Full_Ant1



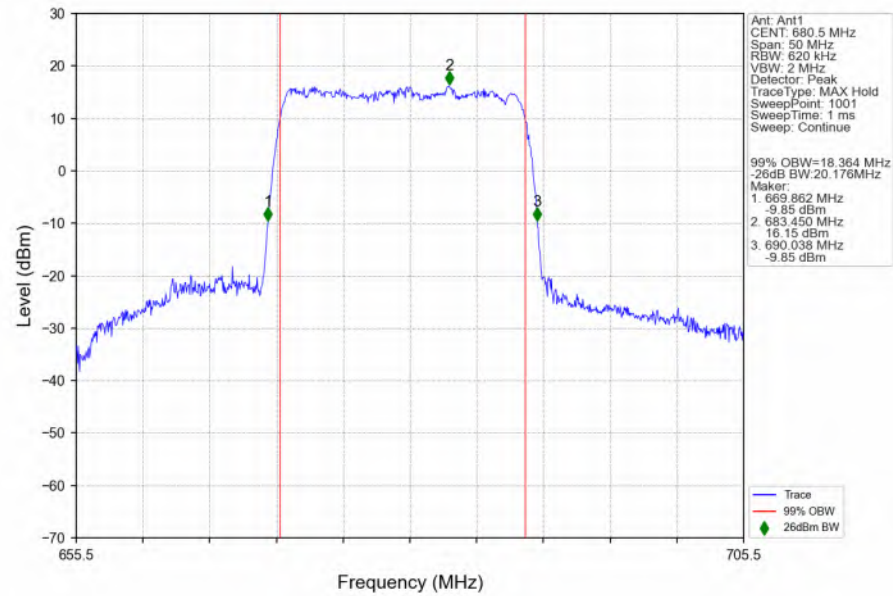
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_680.5MHz_Outer_Full_Ant1



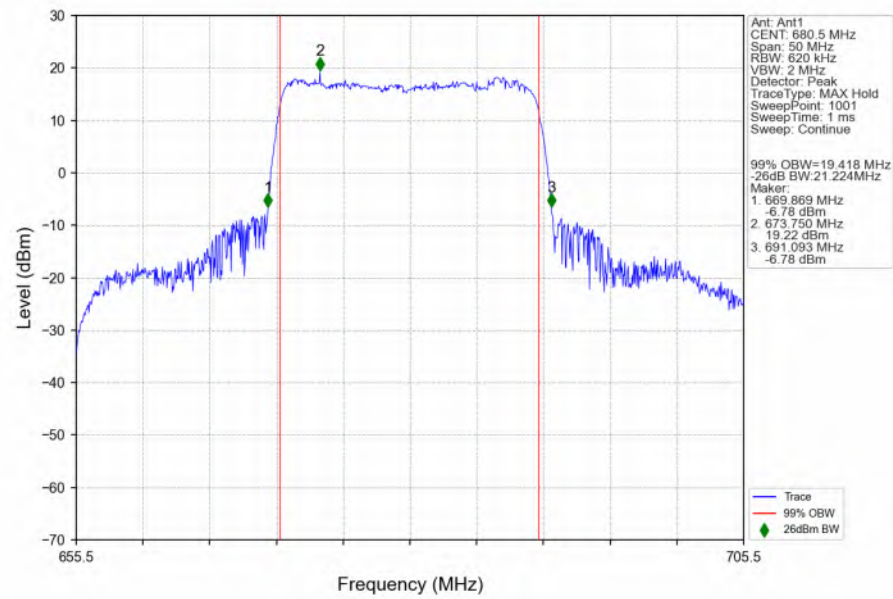
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_680.5MHz_Outer_Full_Ant1



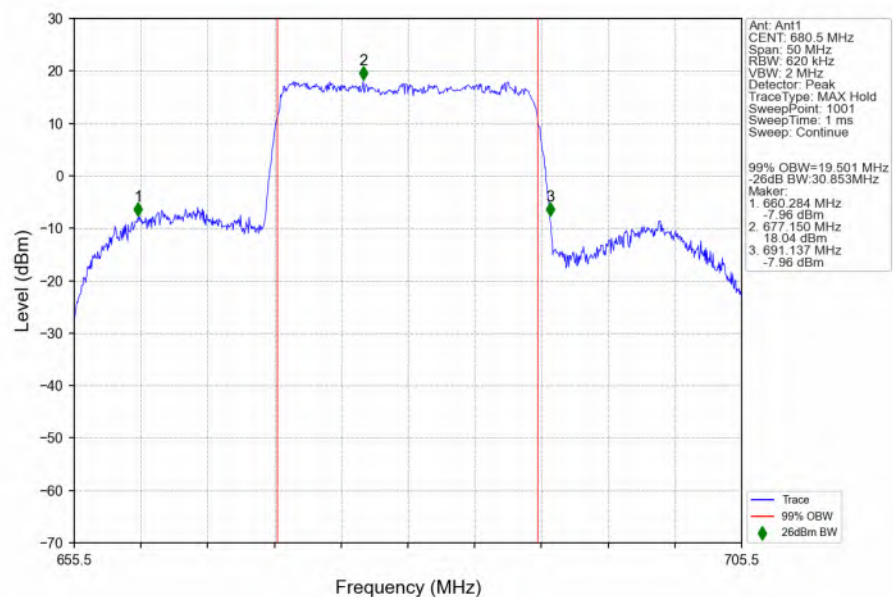
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_680.5MHz_Outer_Full_Ant1



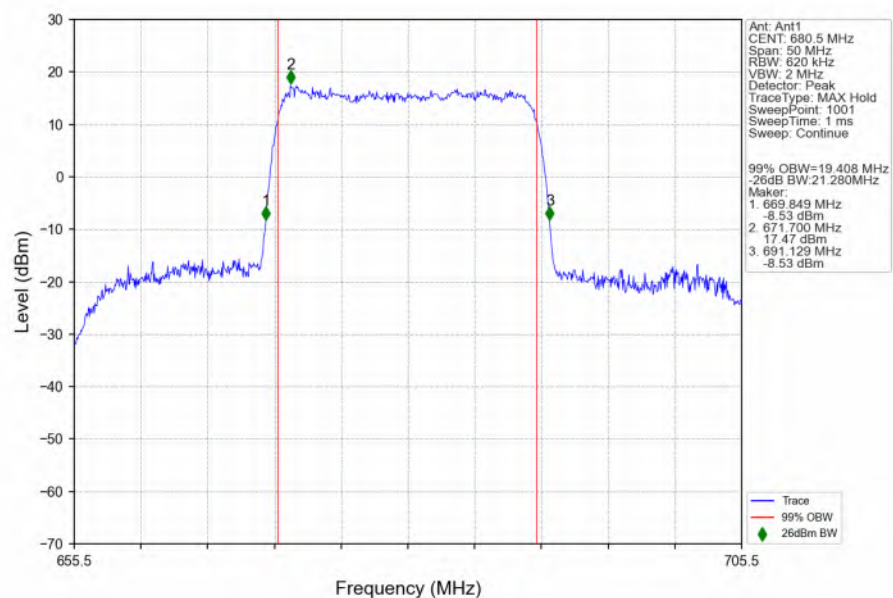
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_680.5MHz_Outer_Full_Ant1



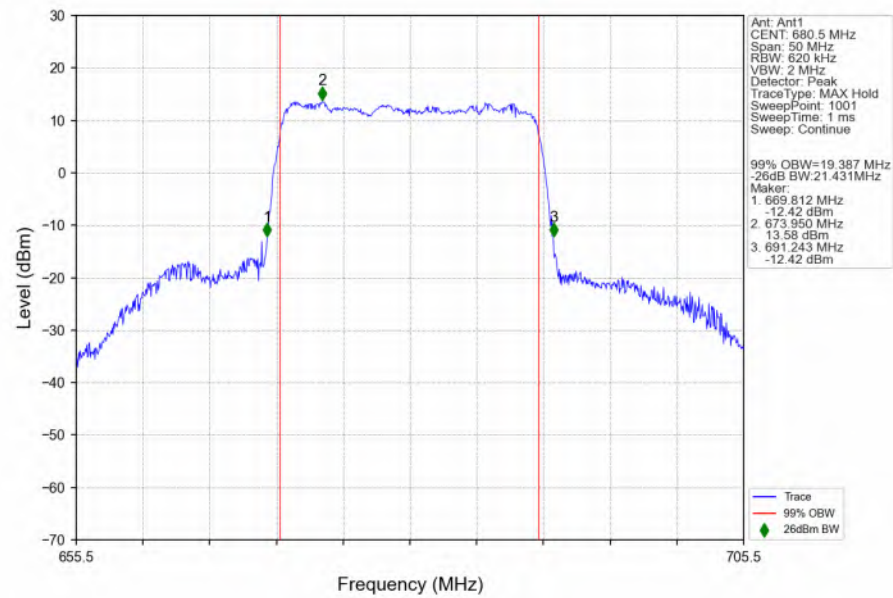
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_680.5MHz_Outer_Full_Ant1



n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_680.5MHz_Outer_Full_Ant1



n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_680.5MHz_Outer_Full_Ant1



4. Peak-Average Ratio

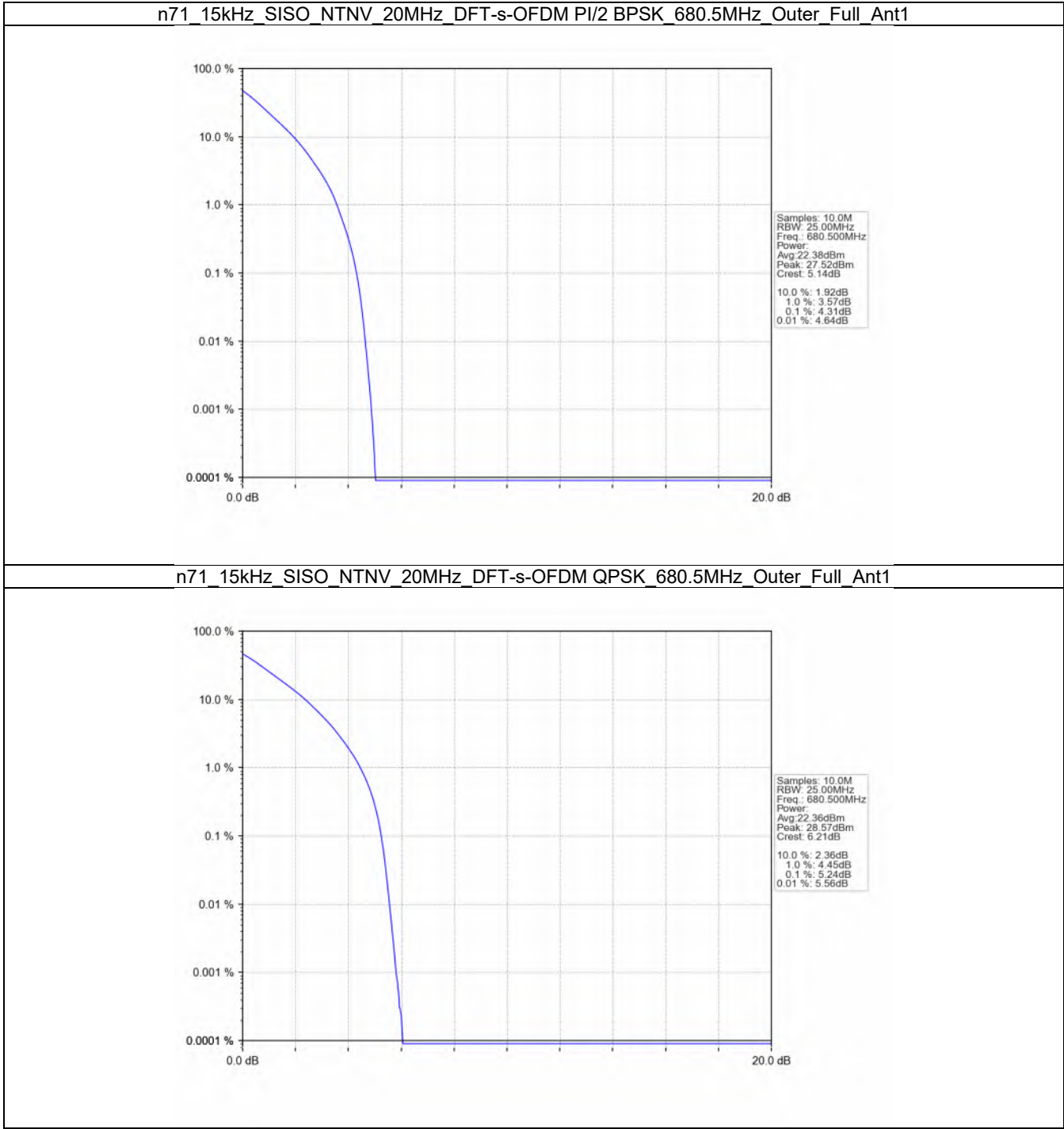
4.1 Test Result

4.1.1 15_S_20M_NTNV

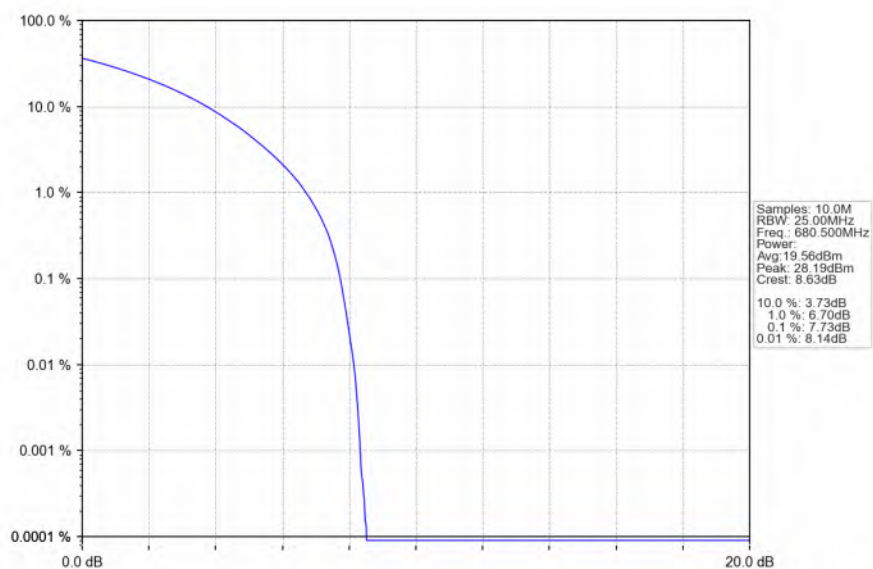
5G NR n71 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	680.5	Outer_Full	4.31	/	/	<=13	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	5.24	/	/	<=13	Pass
CP-OFDM QPSK	680.5	Outer_Full	7.73	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15_S_20M_NTNV



n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_680.5MHz_Outer_Full_Ant1



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
			Ant1	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			
	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			
	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 NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	670.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	680.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	690.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	670.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	680.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	690.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	670.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	680.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	690.5	Outer_Full	Refer To Test Graph				Pass

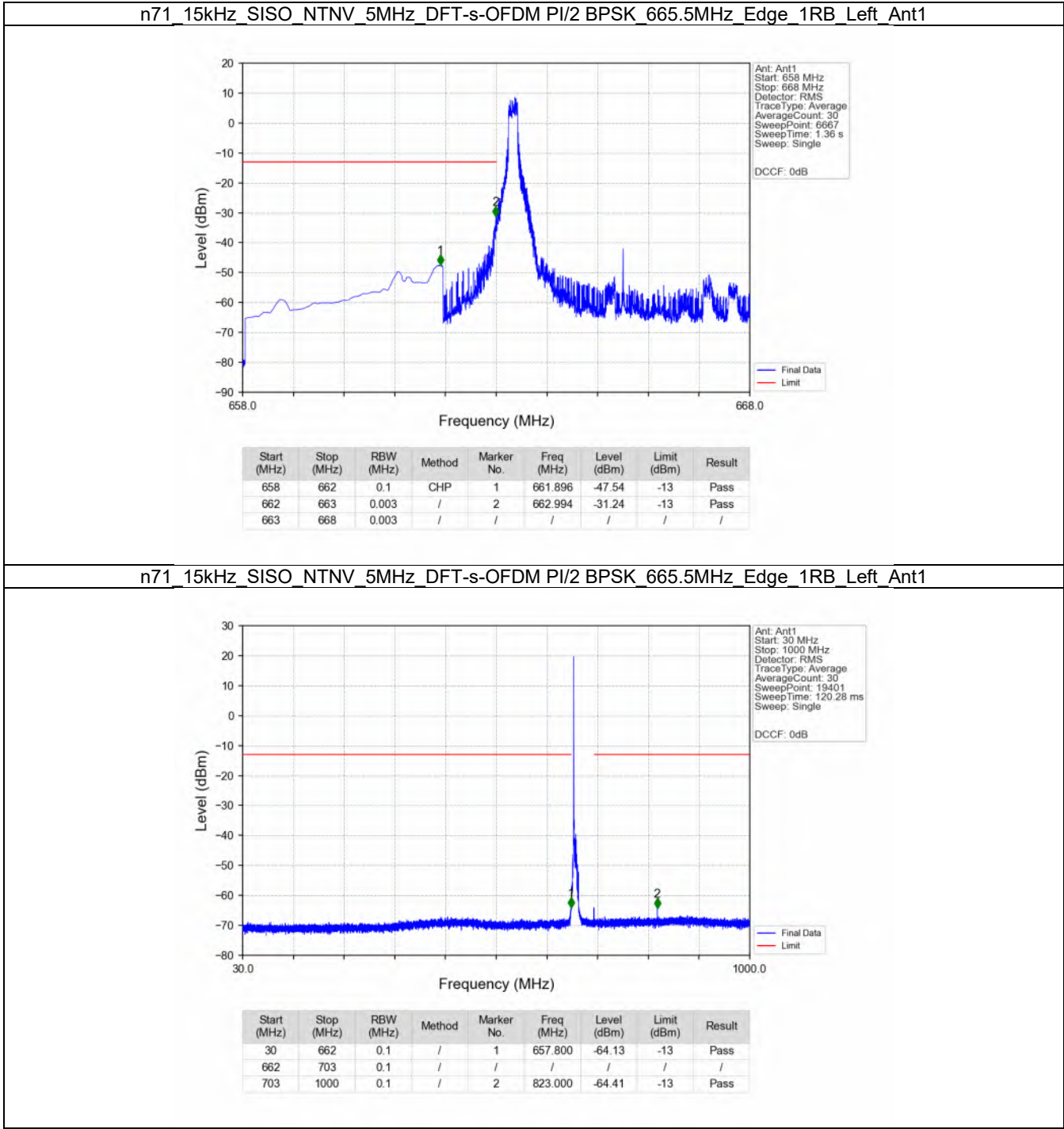
5.1.3 15_S_20M_NTNV

5G NR n71 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	673	Edge 1RB Left	Refer To Test Graph				Pass

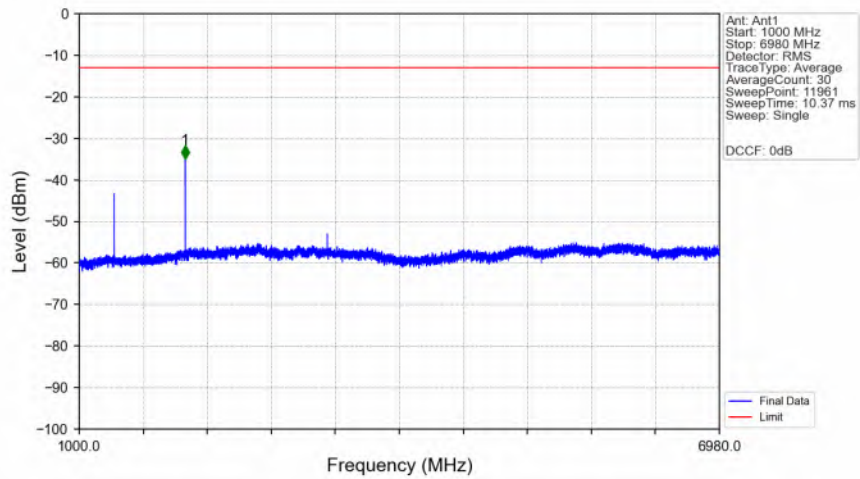
		Outer_Full	Refer To Test Graph	Pass
		680.5 Edge_1RB_Left	Refer To Test Graph	Pass
	688	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	673	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	680.5	Edge_1RB_Left	Refer To Test Graph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

5.2 Test Graph

5.2.1 15_S_5M_NTNV

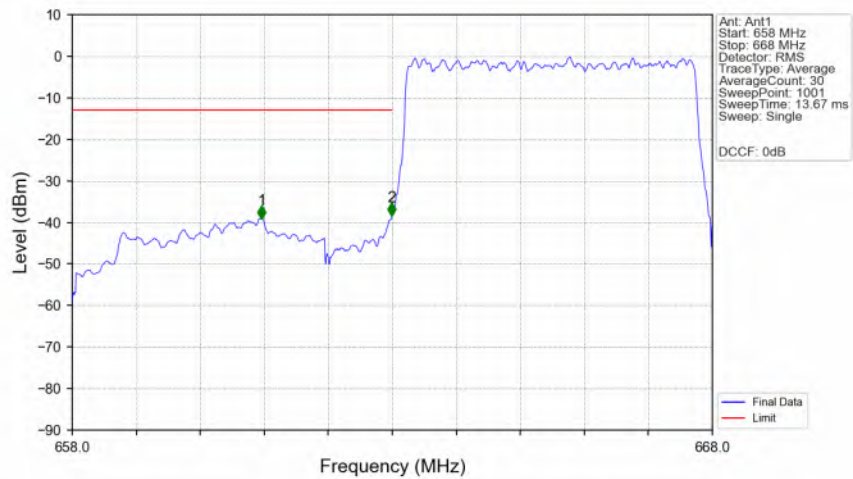


n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK 665.5MHz_Edge_1RB_Left_Ant1



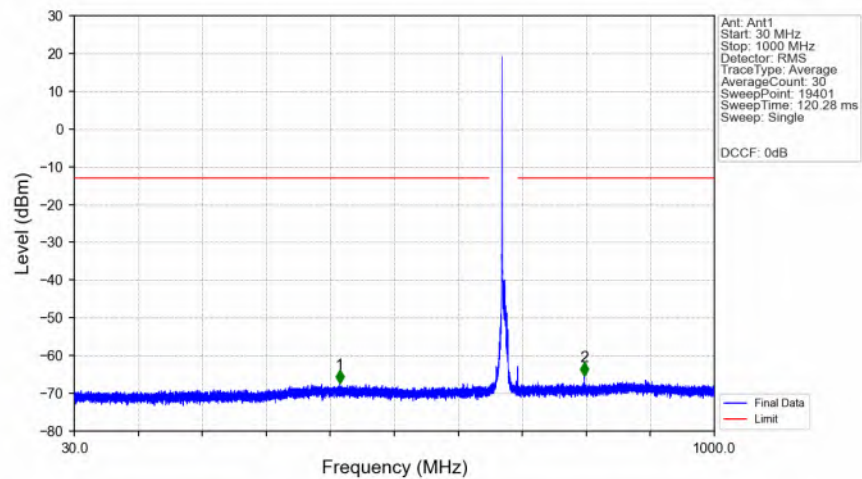
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1990.000	-34.84	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK 665.5MHz_Outer_Full_Ant1



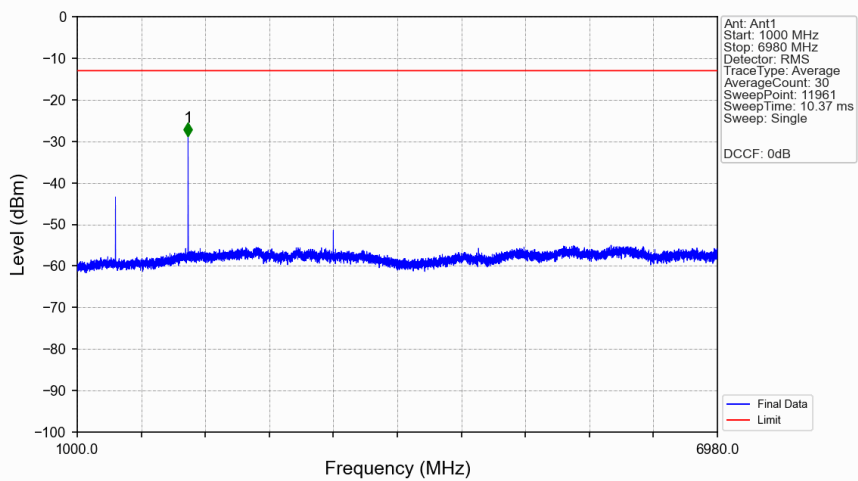
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	660.960	-39.08	-13	Pass
662	663	0.05113	CHP	2	662.990	-38.46	-13	Pass
663	668	0.05113	CHP	/	/	/	/	/

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK 680.5MHz_Edge_1RB_Left_Ant1



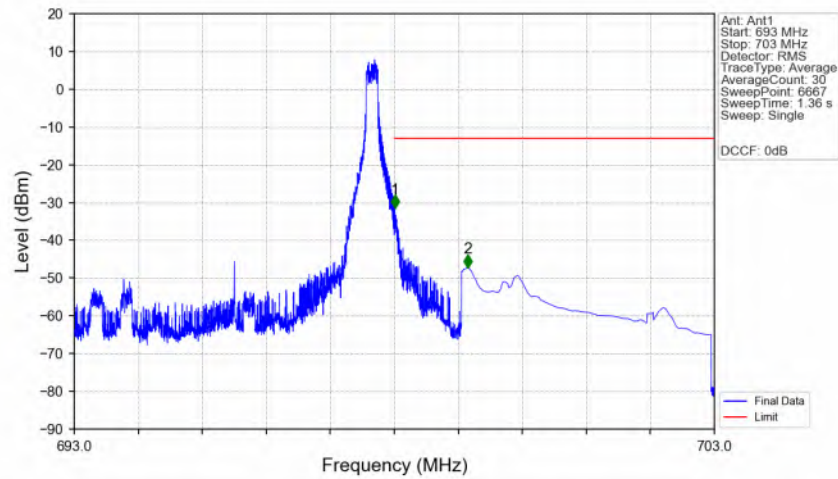
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	431.950	-67.27	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	803.000	-65.26	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK 680.5MHz_Edge_1RB_Left_Ant1



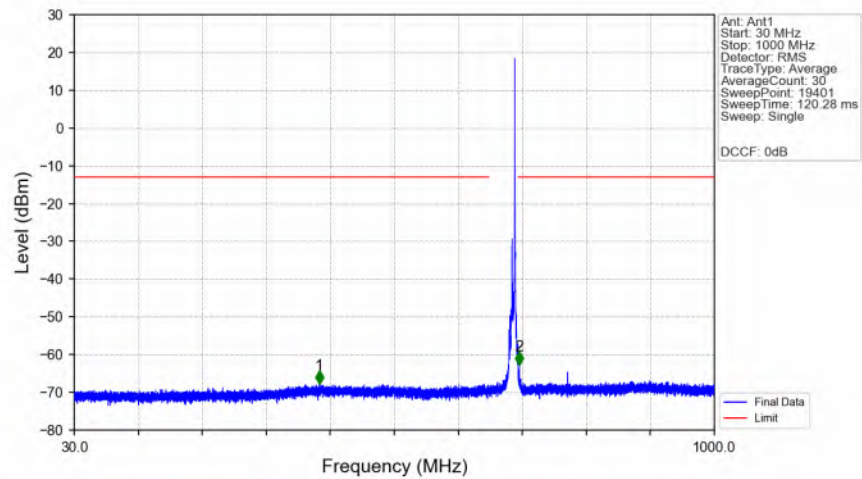
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	2035.000	-28.76	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_695.5MHz_Edge_1RB_Right_Ant1



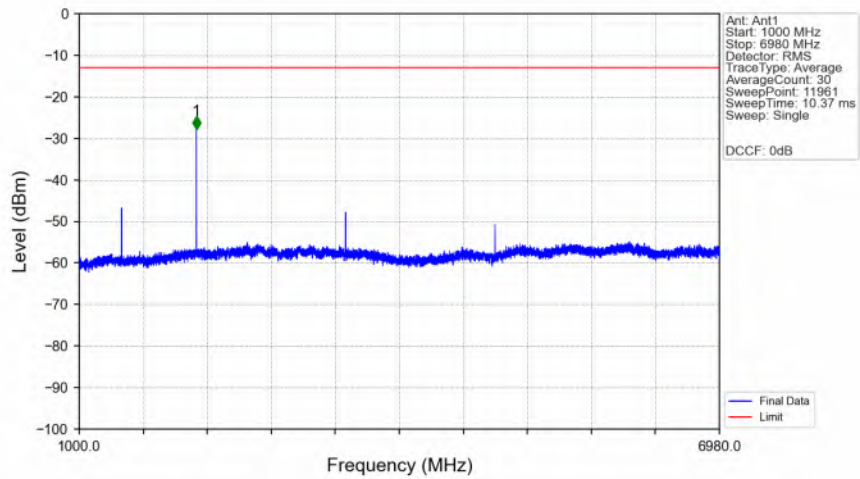
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.008	-31.37	-13	Pass
699	703	0.1	CHP	2	699.146	-47.16	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_695.5MHz_Edge_1RB_Right_Ant1



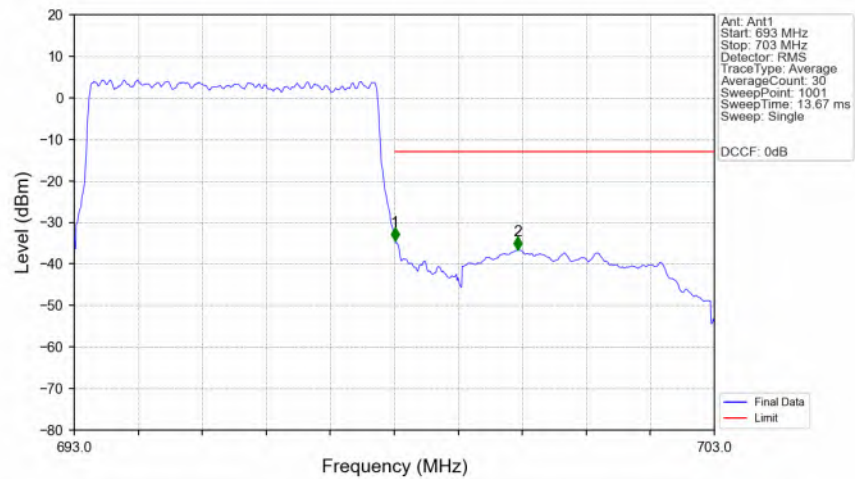
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	401.250	-67.77	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	704.600	-62.71	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_695.5MHz_Edge_1RB_Right_Ant1



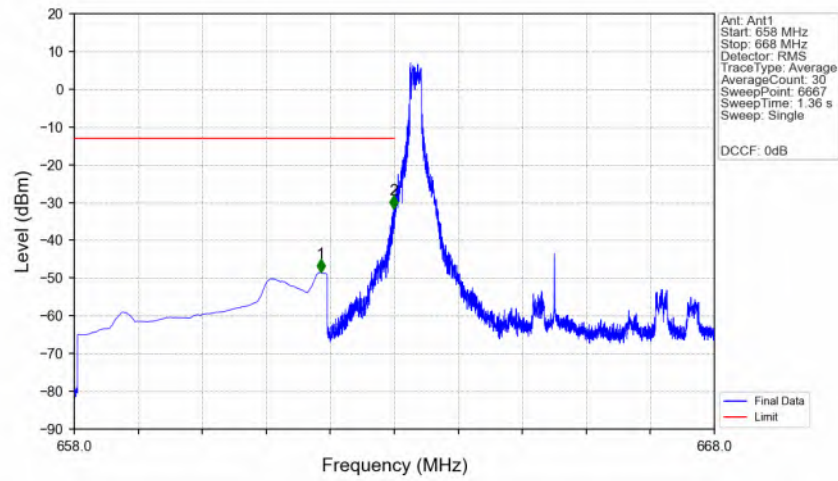
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	2093.000	-27.82	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_695.5MHz_Outer_Full_Ant1



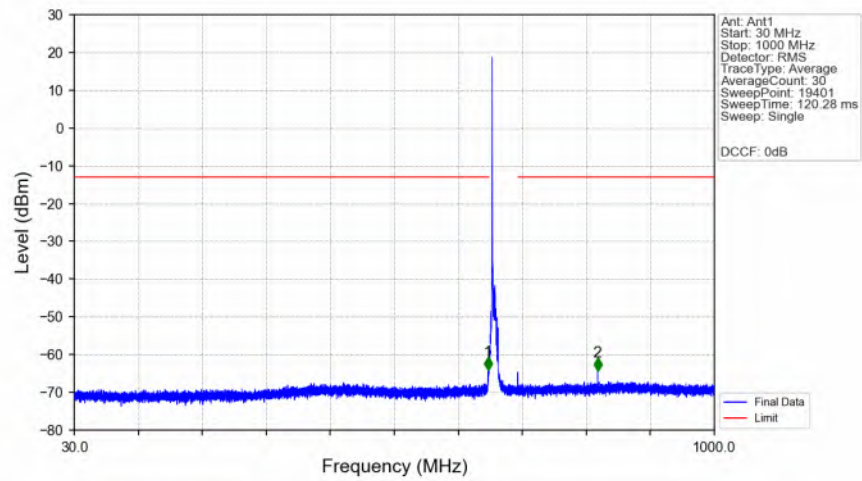
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.05113	CHP	/	/	/	/	/
698	699	0.05113	CHP	1	698.010	-34.47	-13	Pass
699	703	0.1	CHP	2	699.930	-36.63	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant1



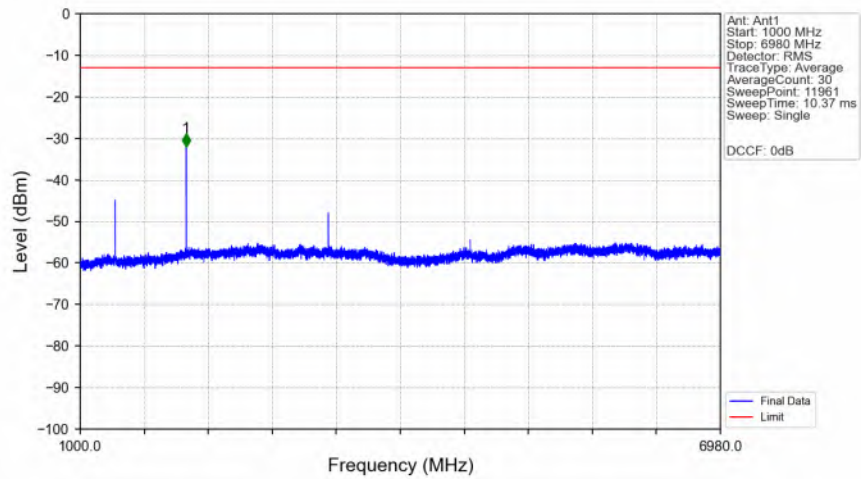
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.849	-48.42	-13	Pass
662	663	0.003	/	2	662.992	-31.69	-13	Pass
663	668	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant1



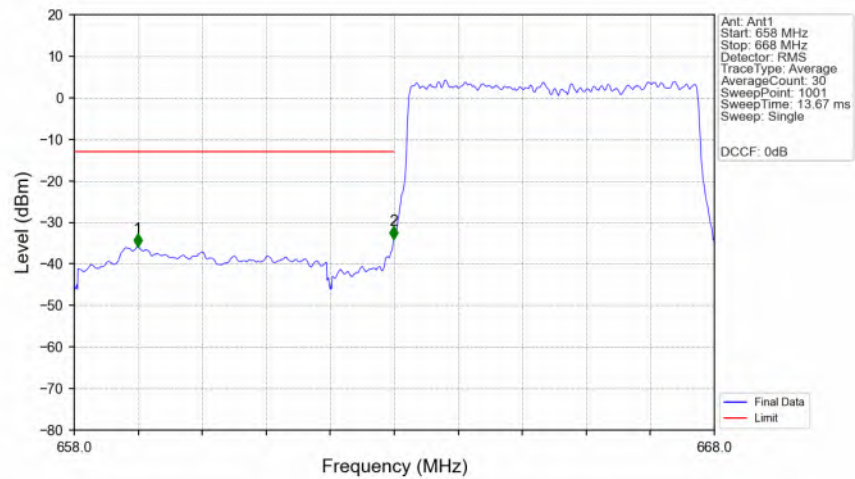
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.100	-64.05	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	823.050	-64.36	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant1



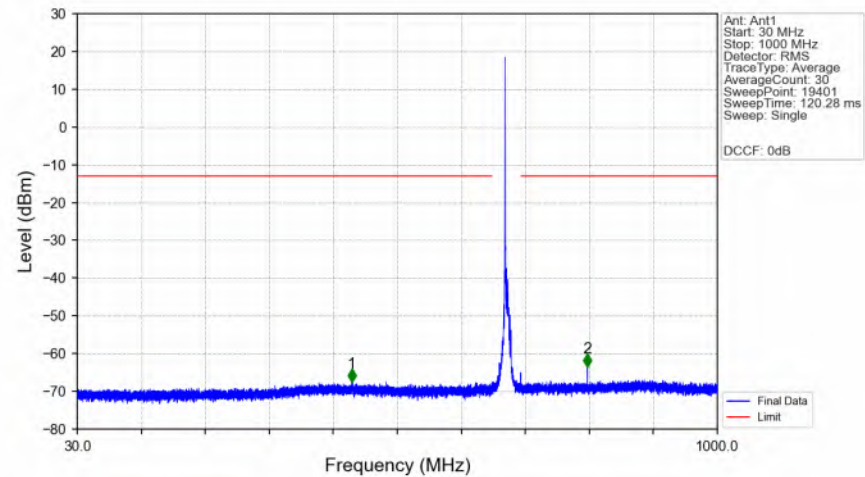
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1990.000	-32.02	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Outer_Full_Ant1



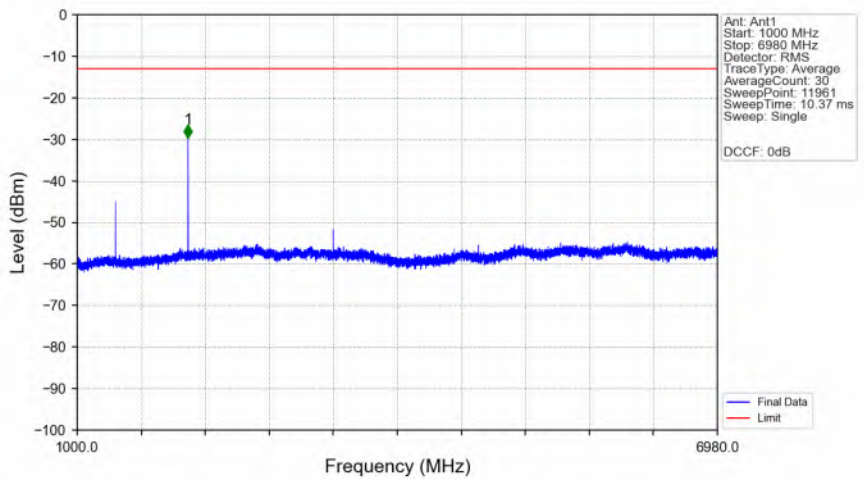
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	658.990	-35.85	-13	Pass
662	663	0.05113	CHP	2	662.990	-34.09	-13	Pass
663	668	0.05113	CHP	/	/	/	/	/

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant1



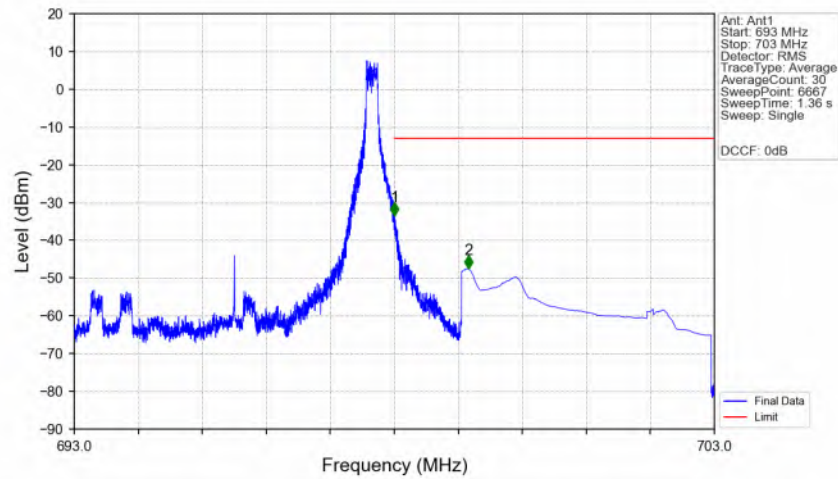
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	445.950	-67.47	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	803.050	-63.61	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant1

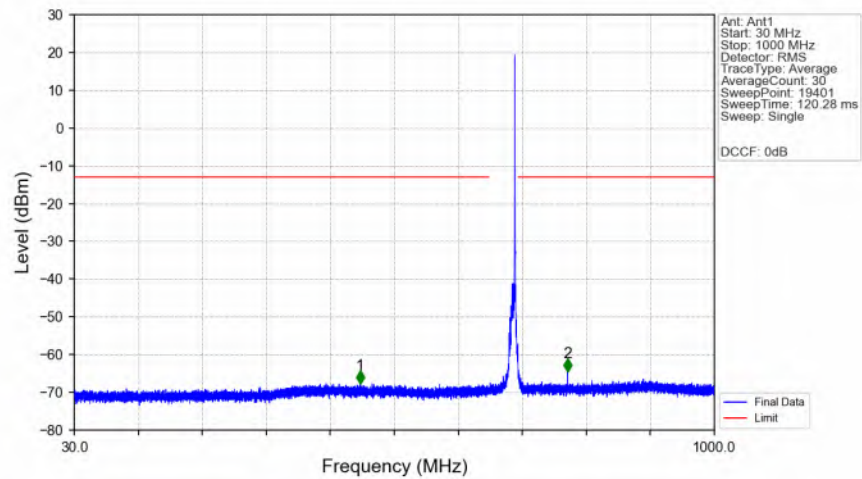


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	2035.000	-29.66	-13	Pass

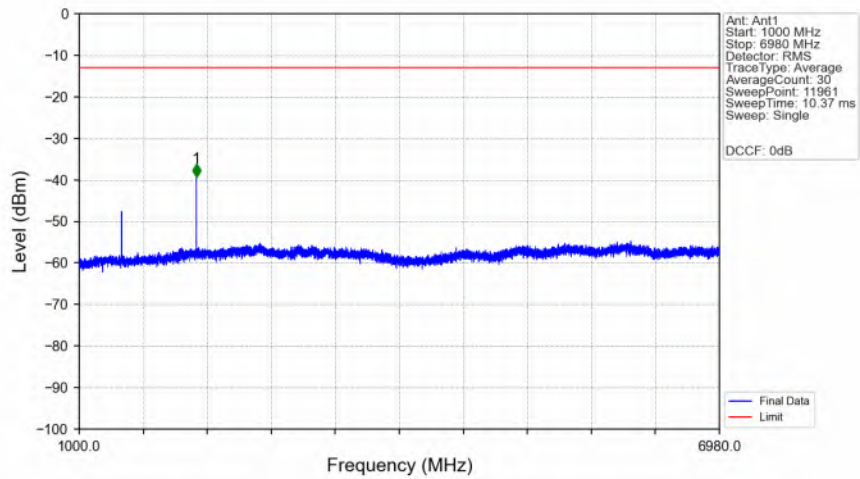
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_695.5MHz_Edge_1RB_Right_Ant1



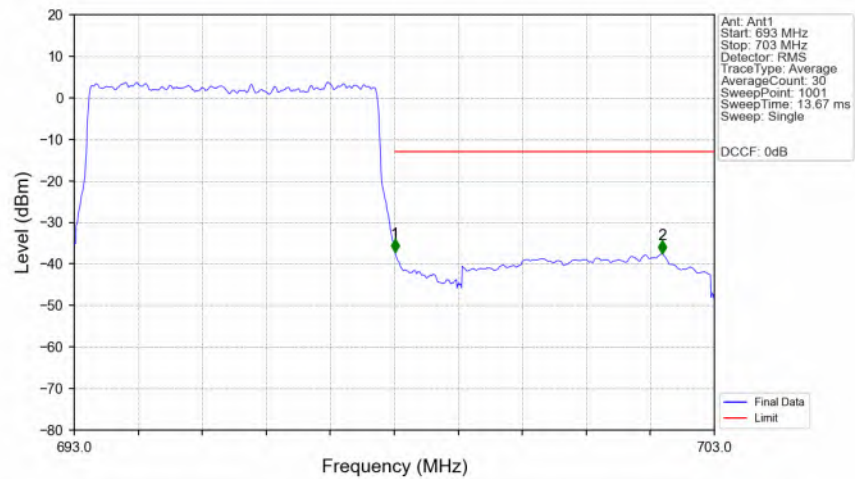
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_695.5MHz_Edge_1RB_Right_Ant1



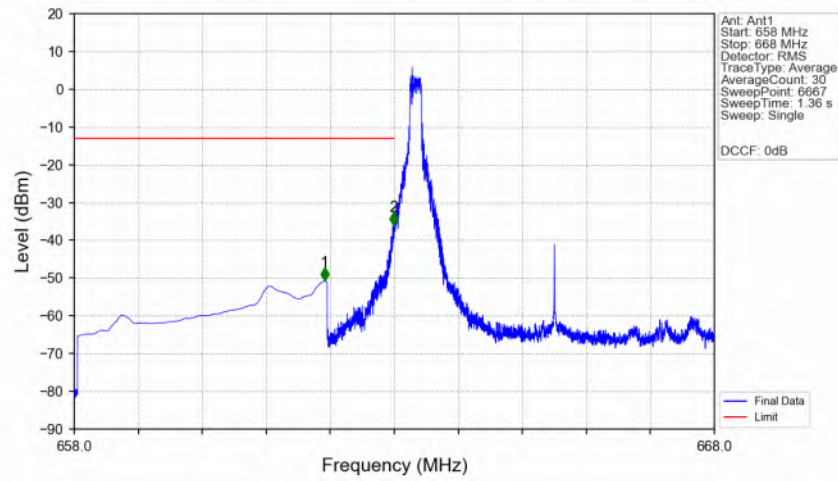
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK 695.5MHz_Edge_1RB_Ant1



n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK 695.5MHz_Outer_Full_Ant1

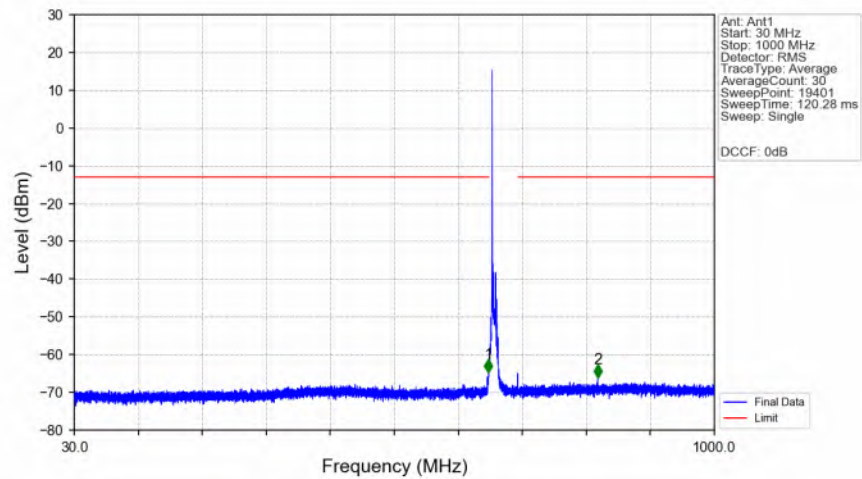


n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant1



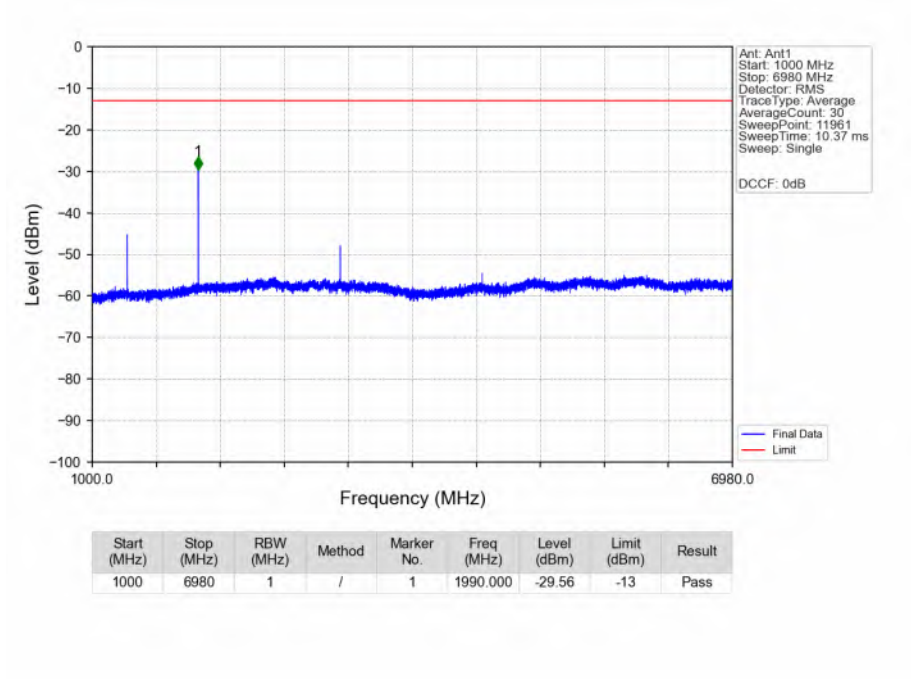
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.912	-50.75	-13	Pass
662	663	0.003	/	2	662.991	-36.13	-13	Pass
663	668	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant1

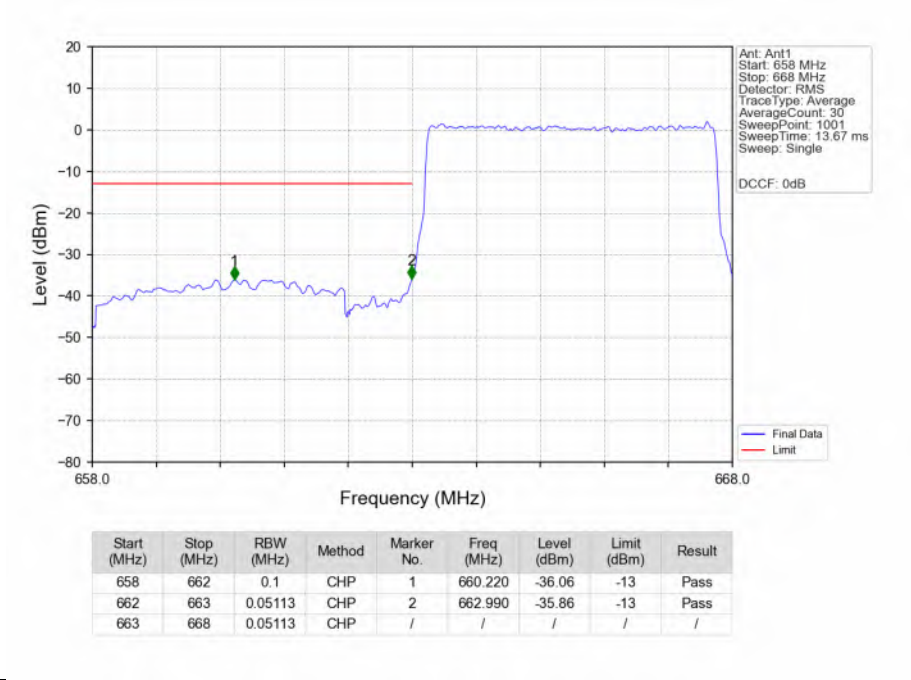


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.650	-64.64	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	823.150	-66.08	-13	Pass

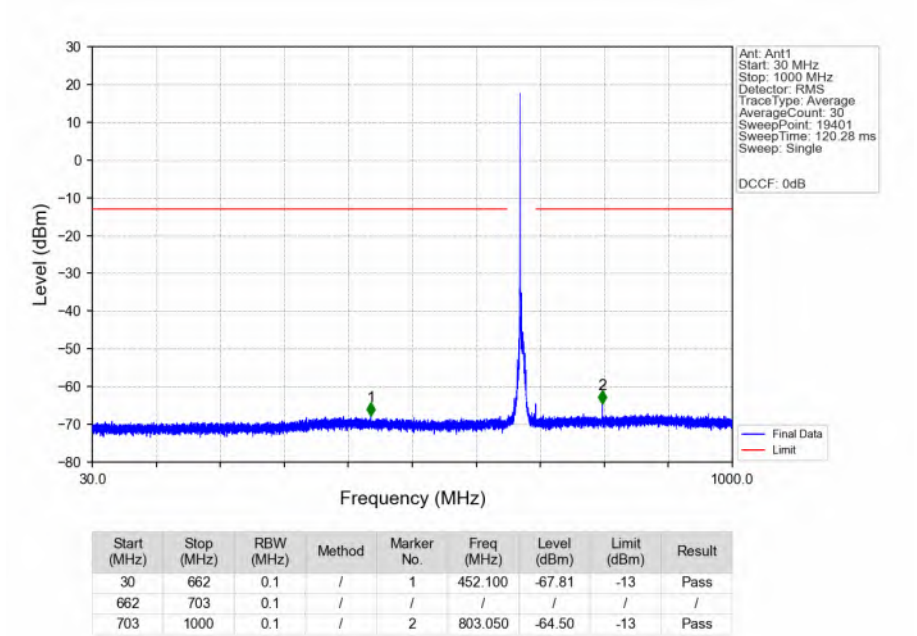
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant1



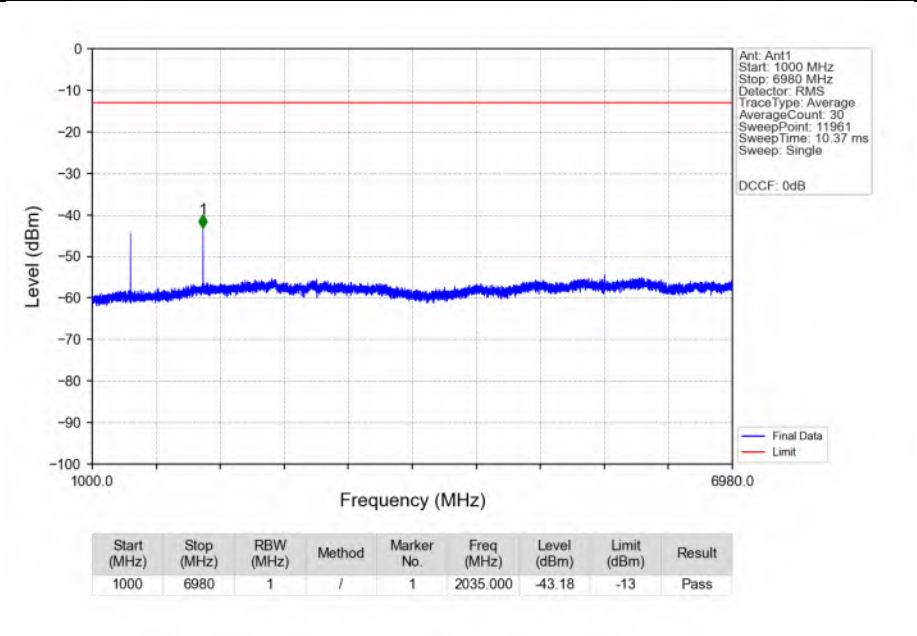
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_665.5MHz_Outer_Full_Ant1



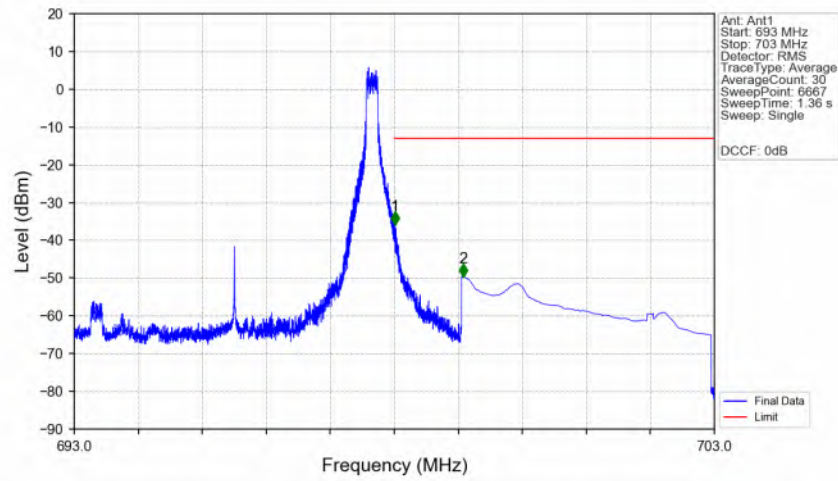
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant1



n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant1

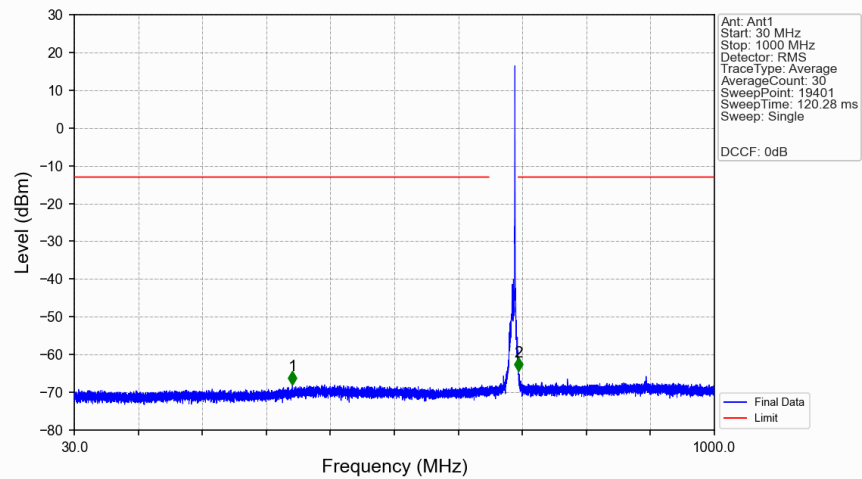


n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_695.5MHz_Edge_1RB_Right_Ant1



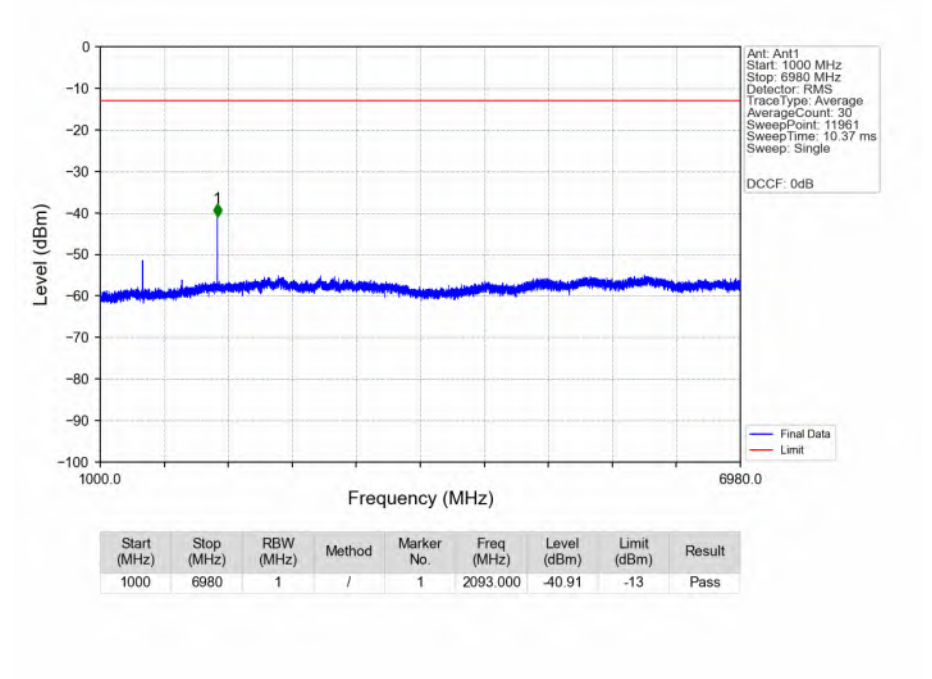
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.009	-35.80	-13	Pass
699	703	0.1	CHP	2	699.080	-49.58	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_695.5MHz_Edge_1RB_Right_Ant1

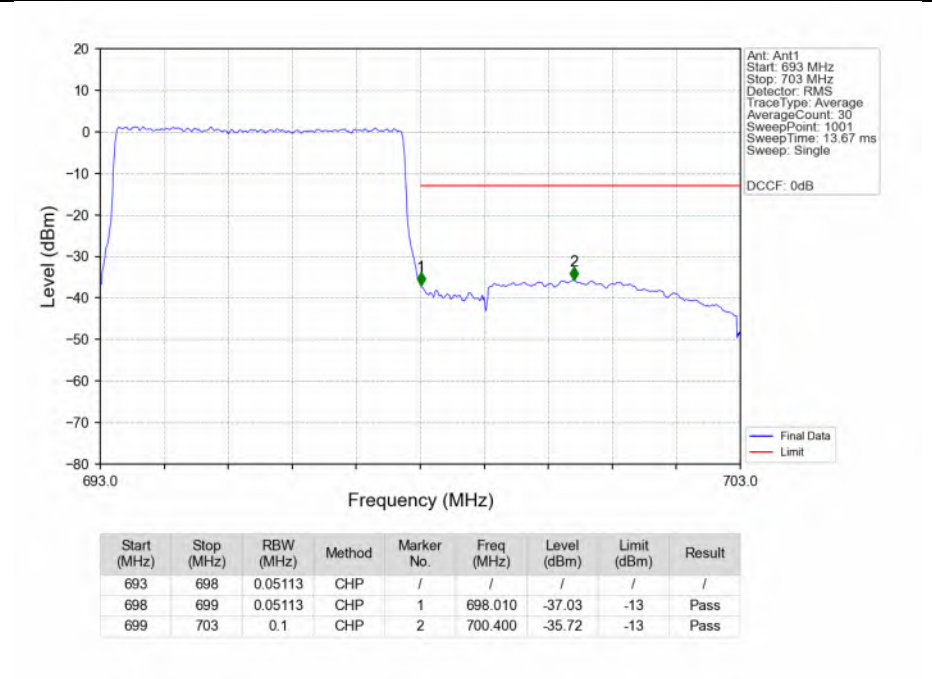


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	360.550	-67.95	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.050	-64.38	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_695.5MHz_Edge_1RB_Right_Ant1

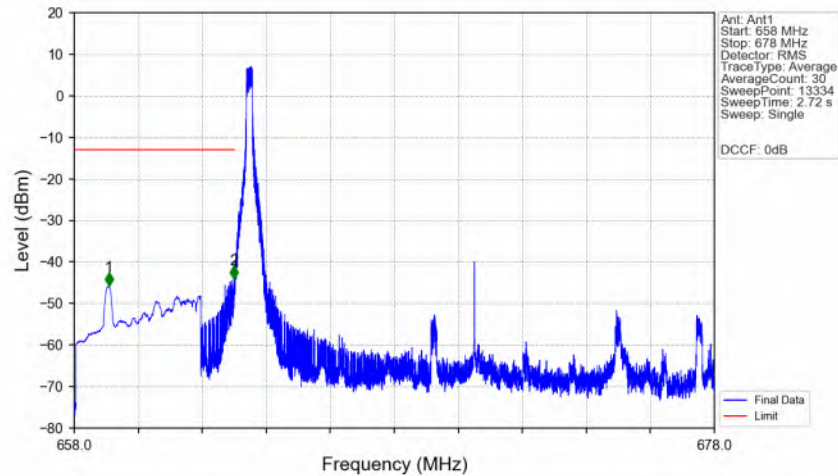


n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_695.5MHz_Outer_Full_Ant1



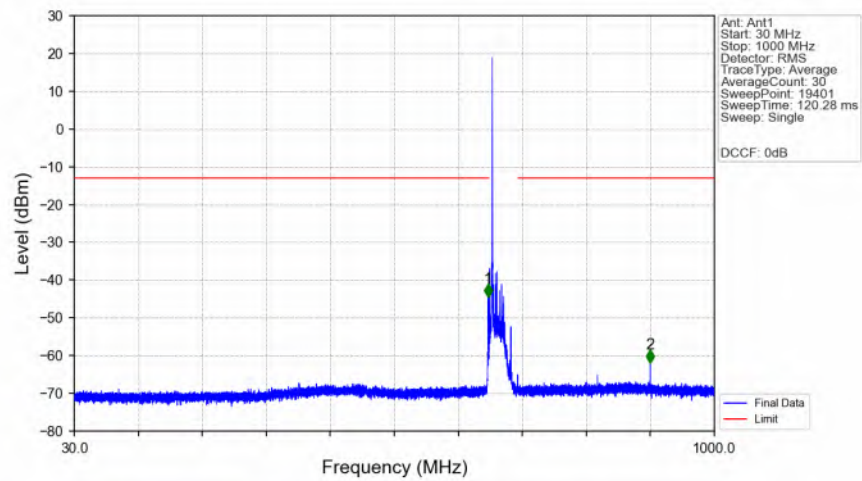
5.2.2 15_S_15M_NTNV

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_670.5MHz_Edge_1RB_Left_Ant1



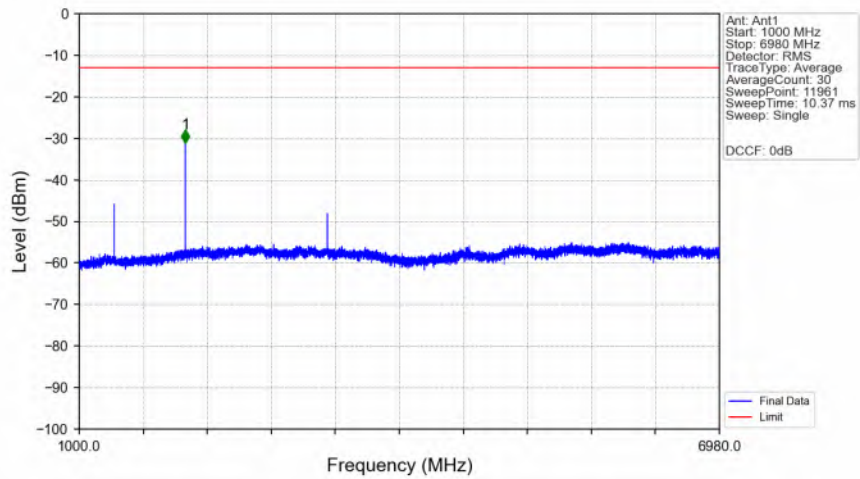
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	659.086	-45.78	-13	Pass
662	663	0.003	/	2	662.994	-44.08	-13	Pass
663	678	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_670.5MHz_Edge_1RB_Left_Ant1

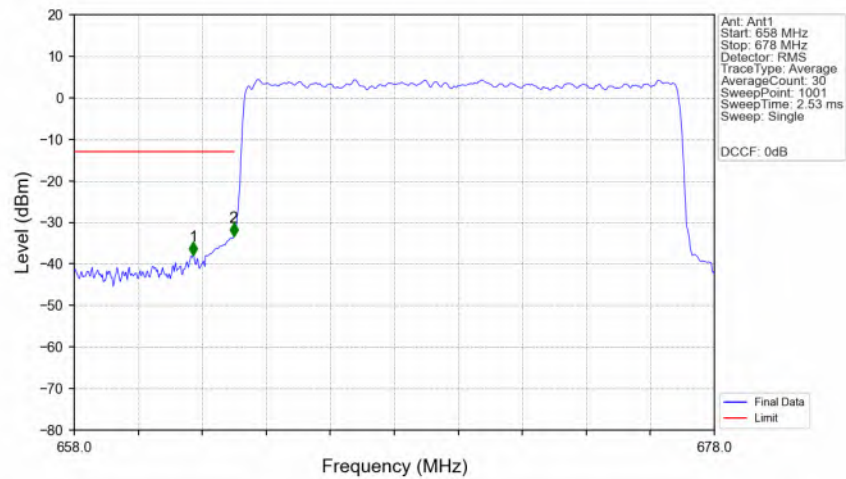


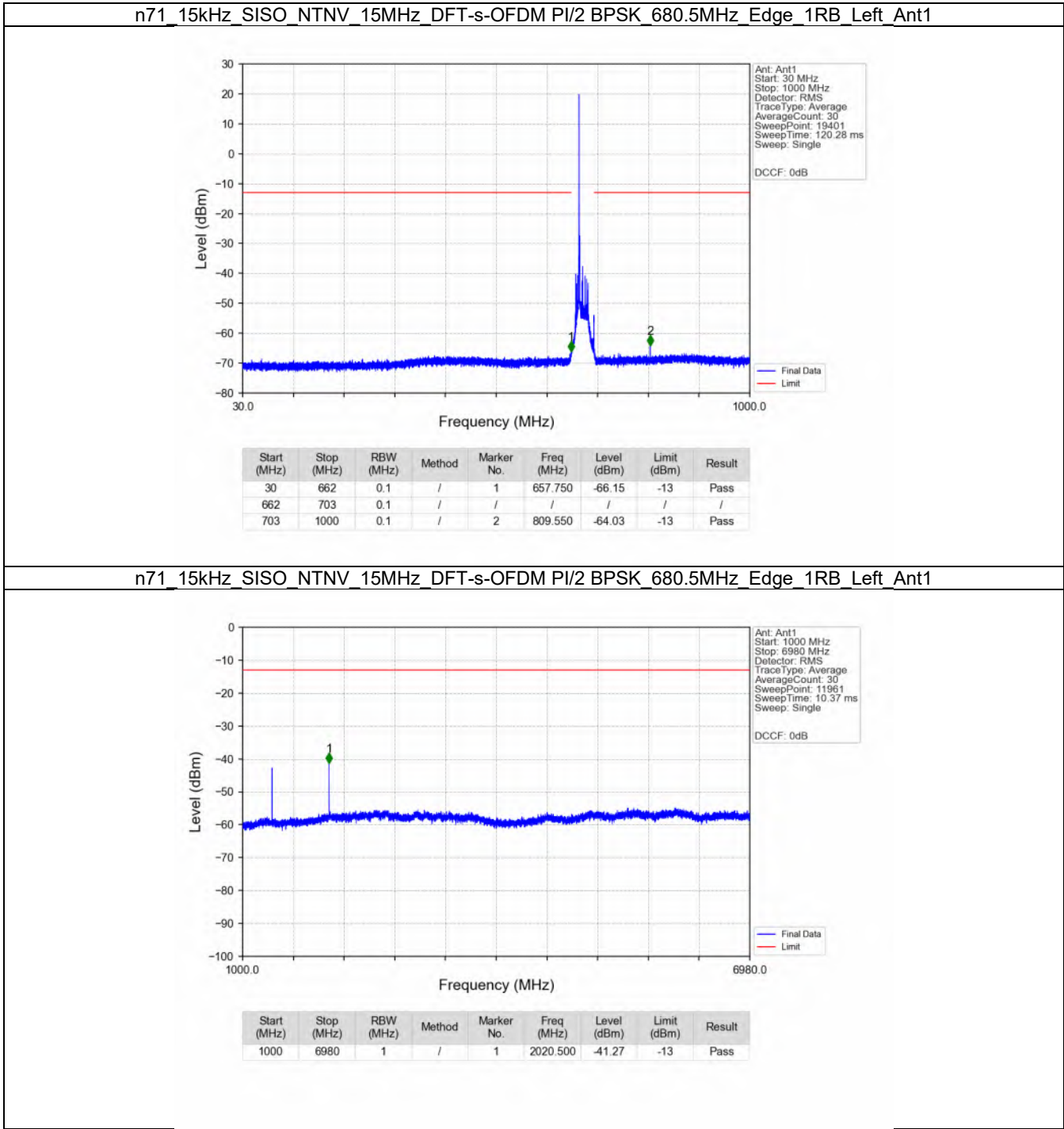
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.100	-44.43	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	902.850	-61.92	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_670.5MHz_Edge_1RB_Left_Ant1

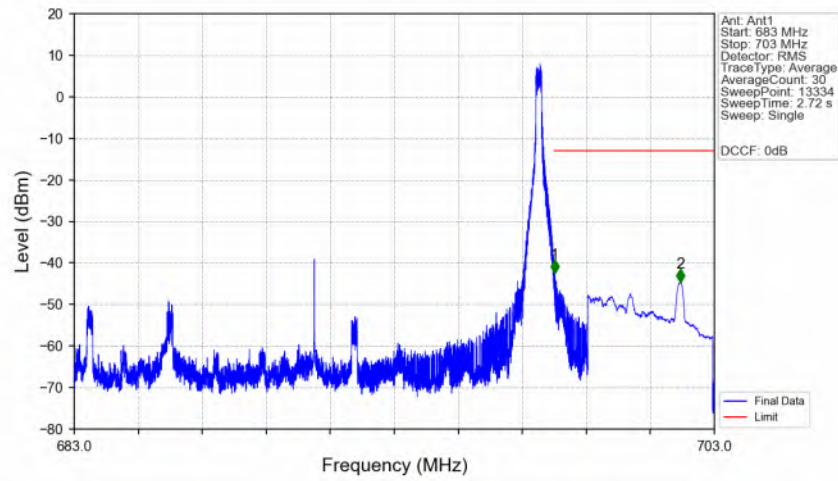


n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_670.5MHz_Outer_Full_Ant1



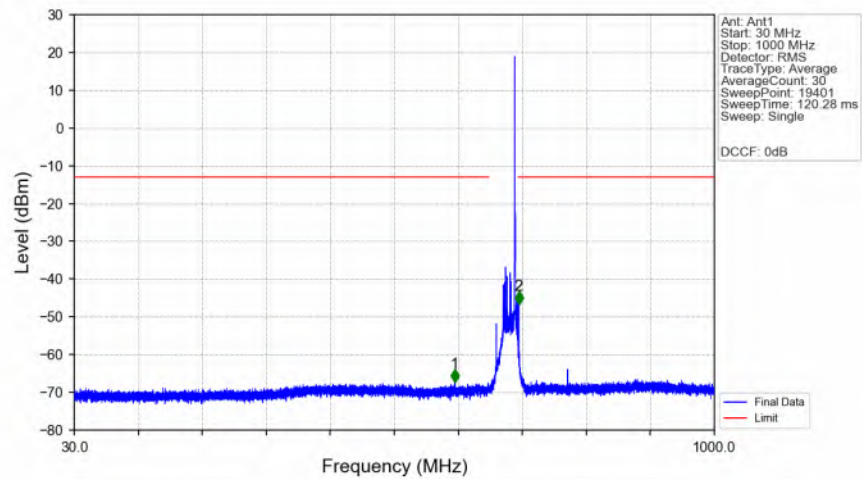


n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_690.5MHz_Edge_1RB_Right_Ant1

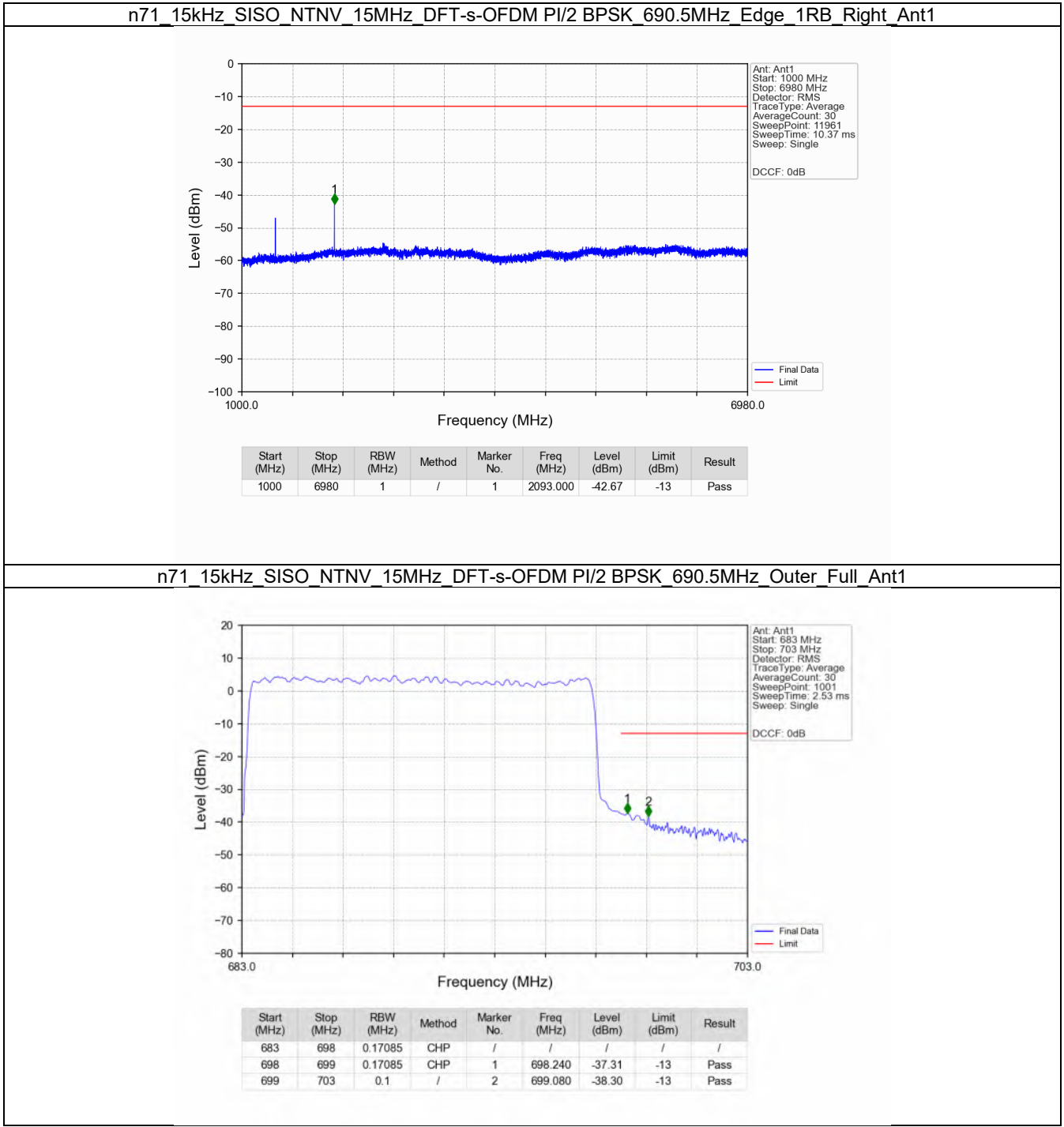


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.008	-42.50	-13	Pass
699	703	0.1	CHP	2	701.947	-44.54	-13	Pass

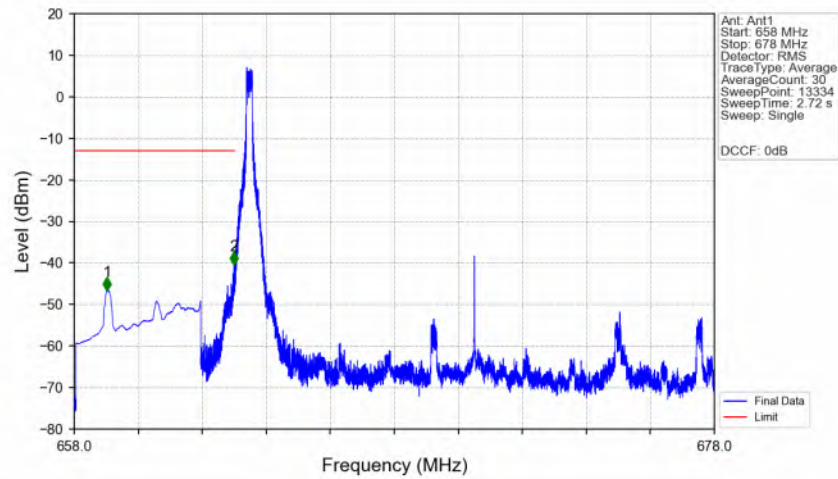
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_690.5MHz_Edge_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	606.650	-67.40	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.750	-46.59	-13	Pass

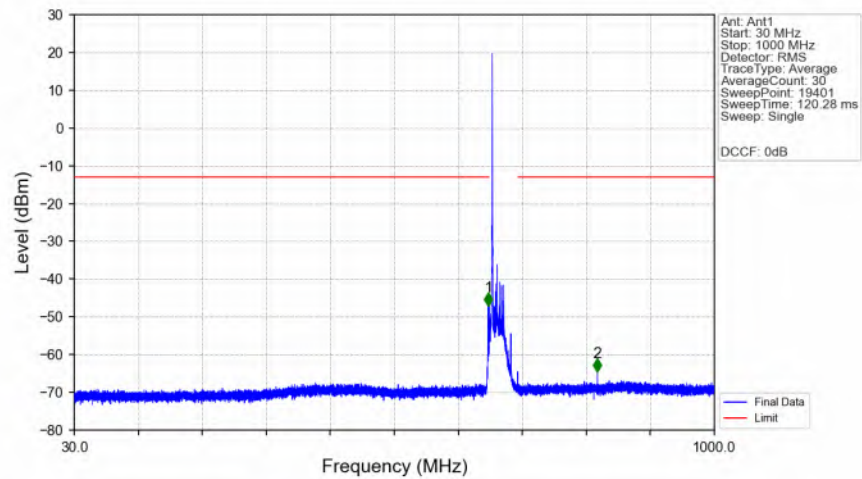


n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_670.5MHz_Edge_1RB_Left_Ant1



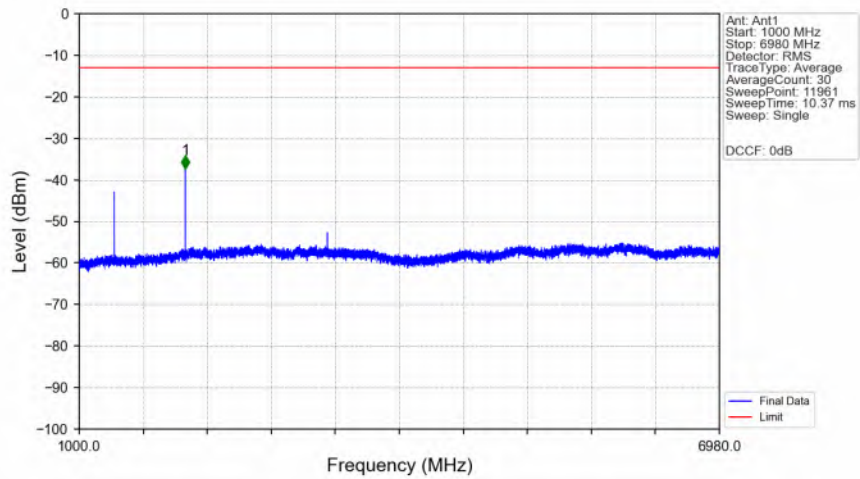
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	659.022	-46.54	-13	Pass
662	663	0.003	/	2	662.994	-40.40	-13	Pass
663	678	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_670.5MHz_Edge_1RB_Left_Ant1



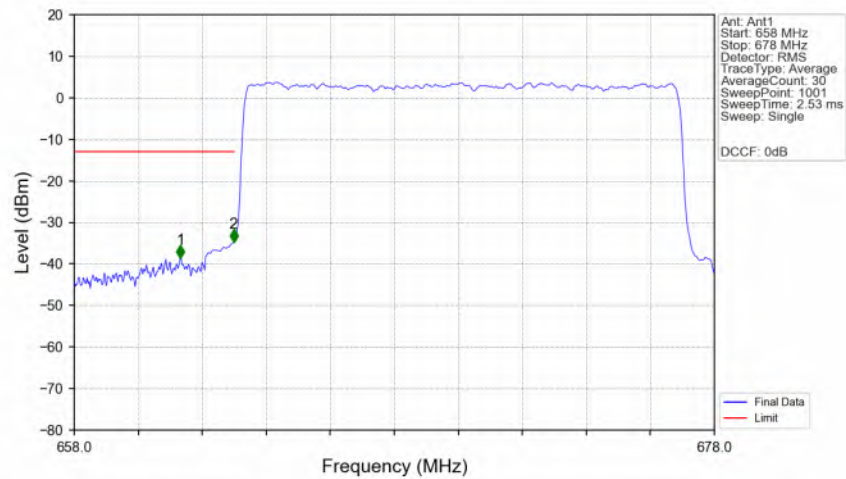
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.250	-47.01	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	822.850	-64.47	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_670.5MHz_Edge_Left_Ant1



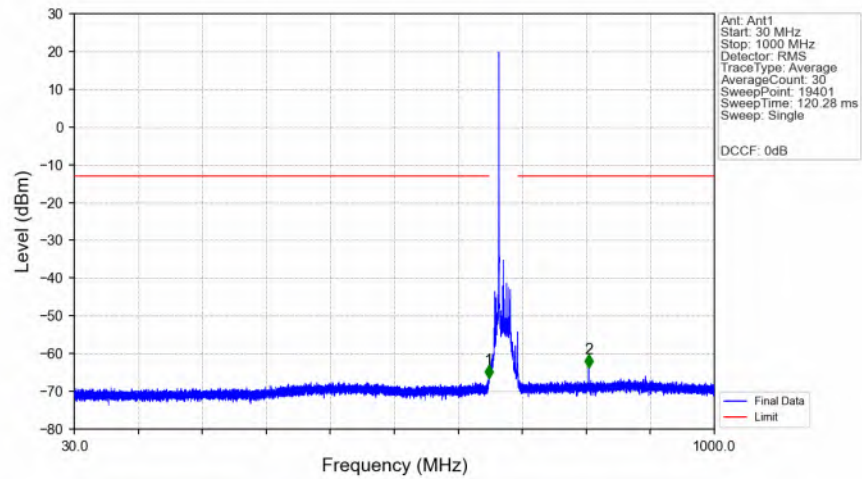
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1990.500	-37.35	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_670.5MHz_Outer_Full_Ant1

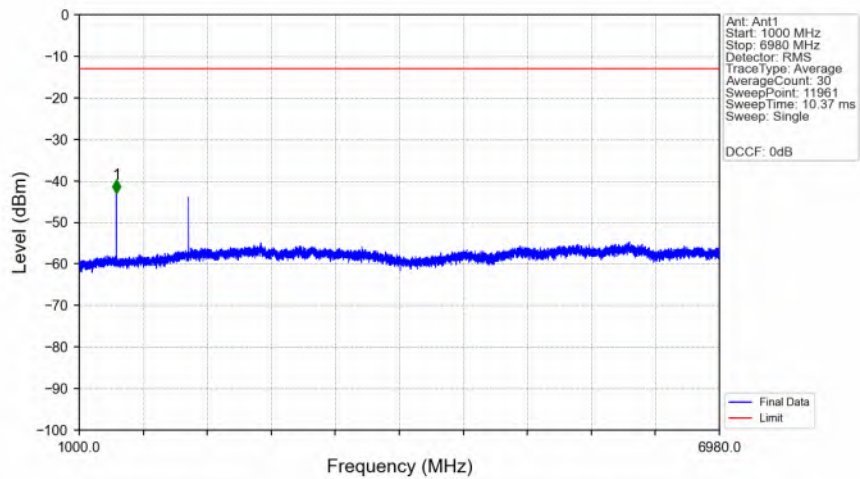


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	661.320	-38.62	-13	Pass
662	663	0.17085	CHP	2	662.980	-34.79	-13	Pass
663	678	0.17085	CHP	/	/	/	/	/

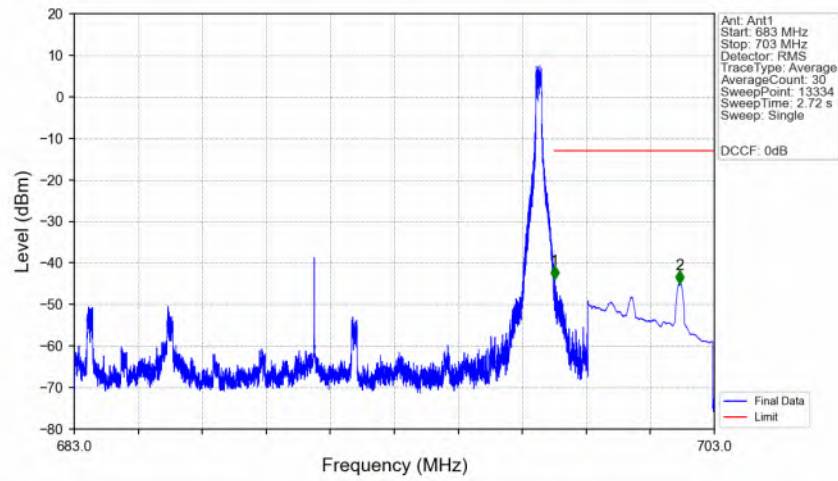
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_680.5MHz_Edge_1RB_Left_Ant1



n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_680.5MHz_Edge_1RB_Left_Ant1

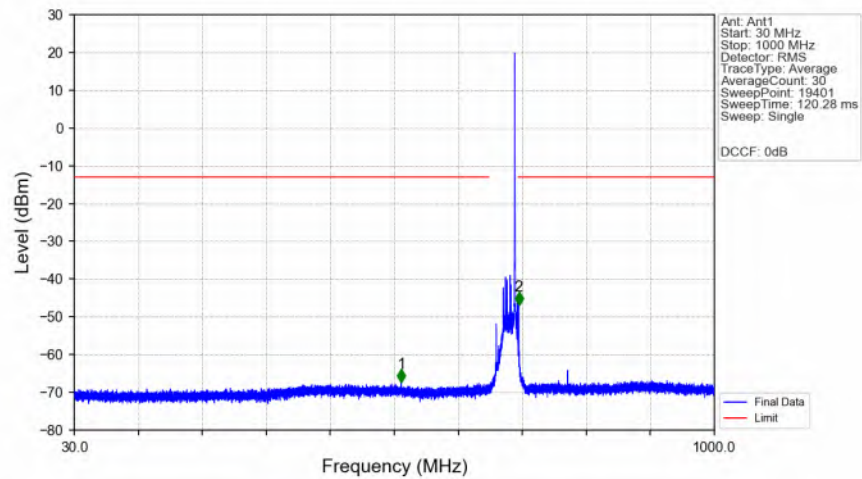


n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_690.5MHz_Edge_1RB_Right_Ant1

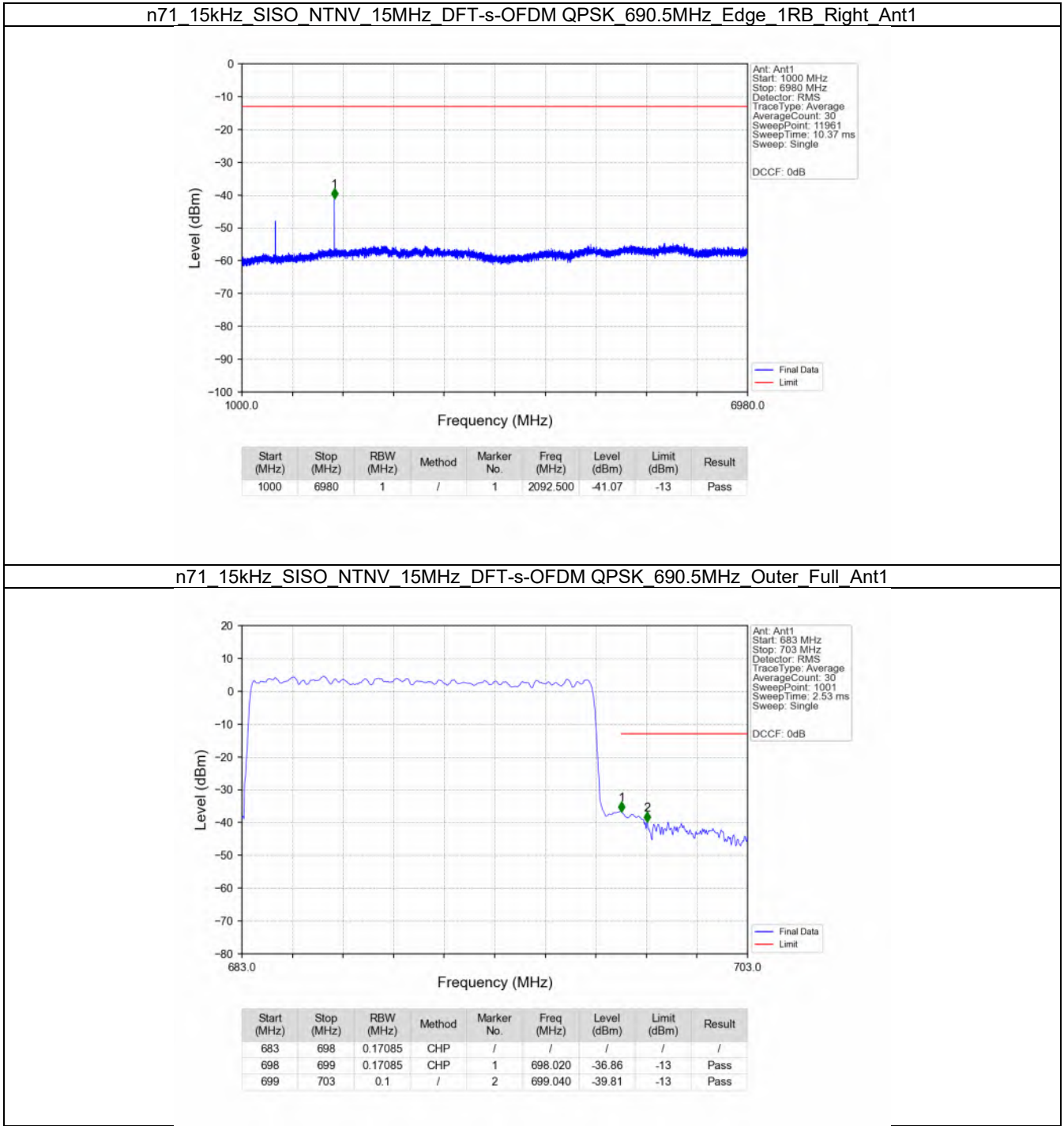


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.008	-43.91	-13	Pass
699	703	0.1	CHP	2	701.921	-45.00	-13	Pass

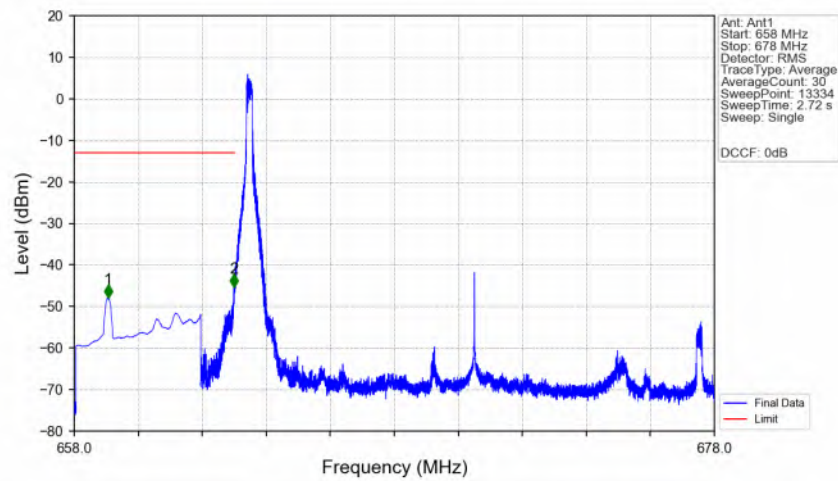
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_690.5MHz_Edge_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	525.400	-67.25	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.700	-46.80	-13	Pass

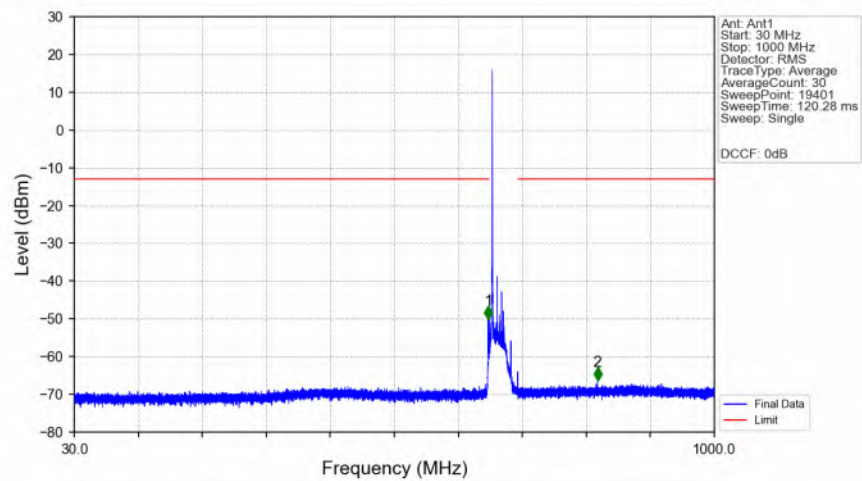


n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_670.5MHz_Edge_1RB_Left_Ant1



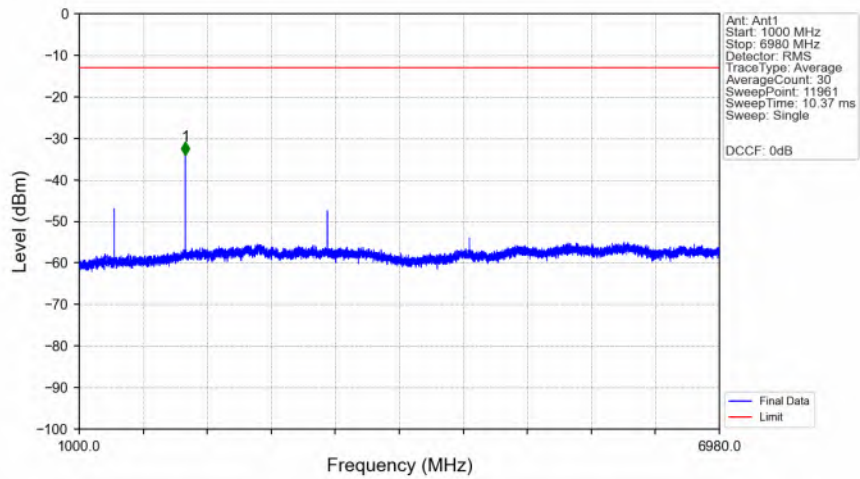
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	659.053	-47.93	-13	Pass
662	663	0.003	/	2	662.992	-45.26	-13	Pass
663	678	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_670.5MHz_Edge_1RB_Left_Ant1

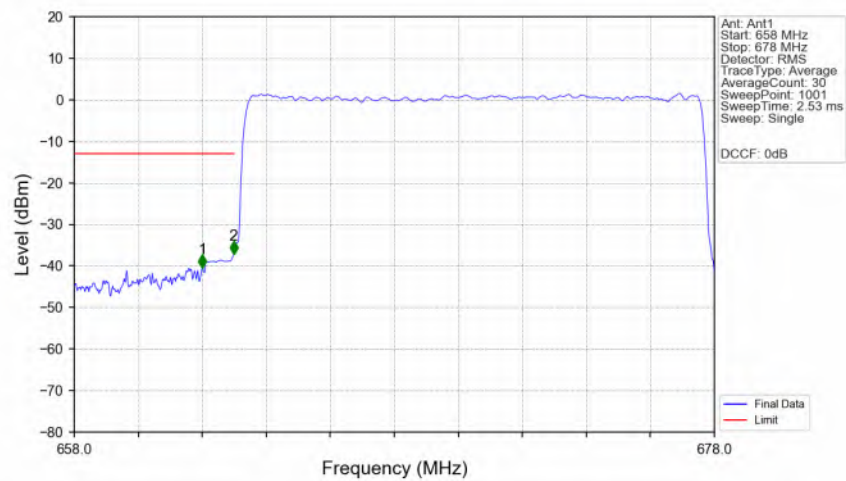


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.250	-50.14	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	822.900	-66.37	-13	Pass

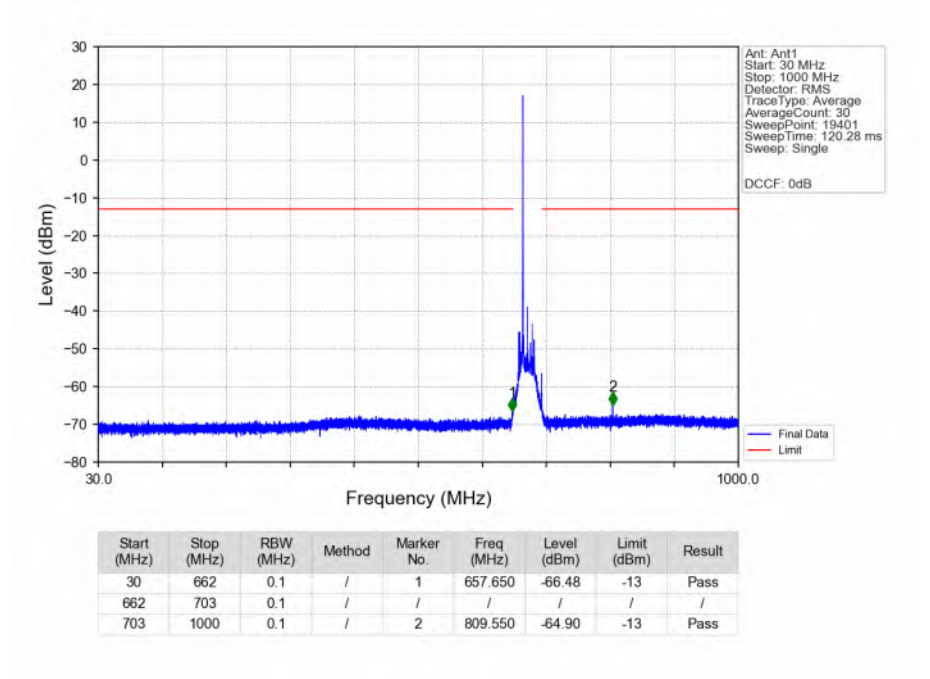
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_670.5MHz_Edge_1RB_Left_Ant1



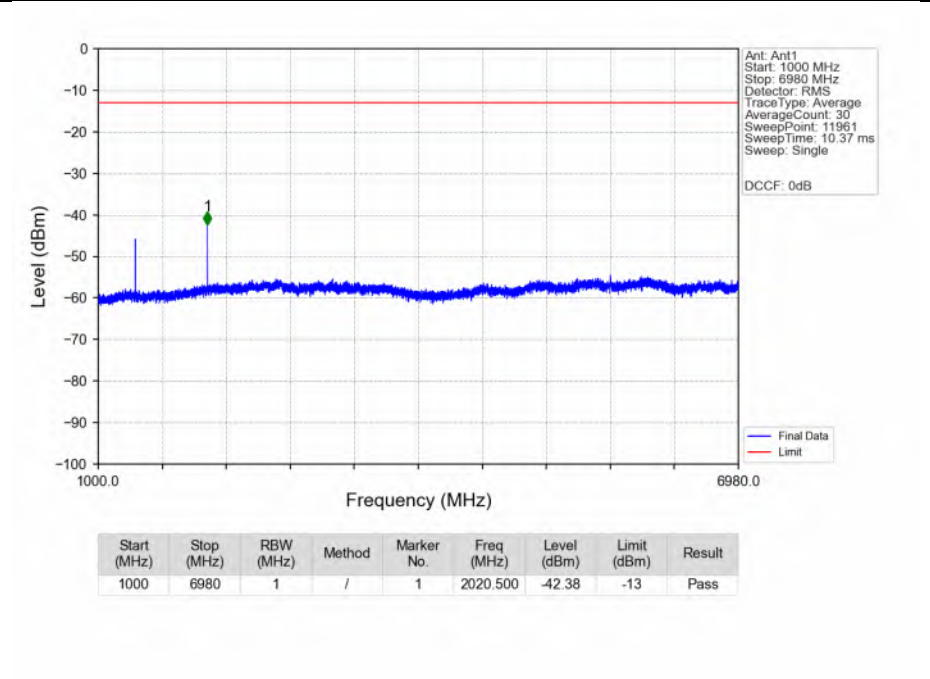
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_670.5MHz_Outer_Full_Ant1



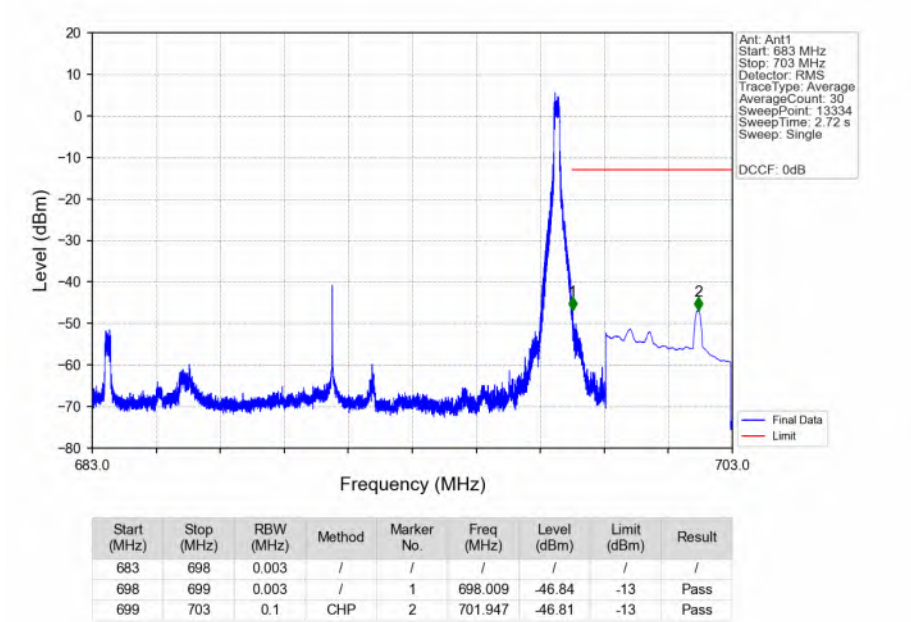
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_680.5MHz_Edge_1RB_Left_Ant1



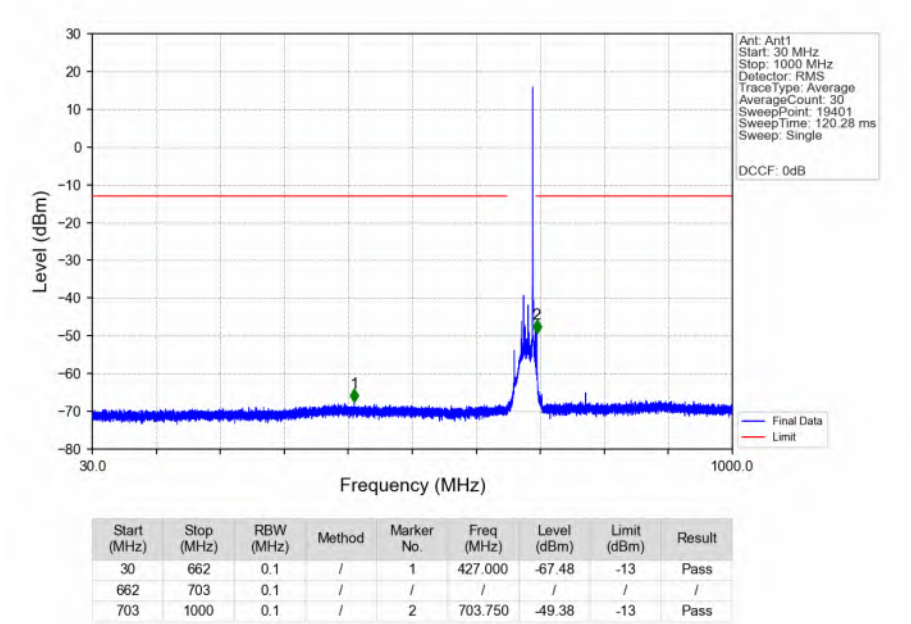
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_680.5MHz_Edge_1RB_Left_Ant1



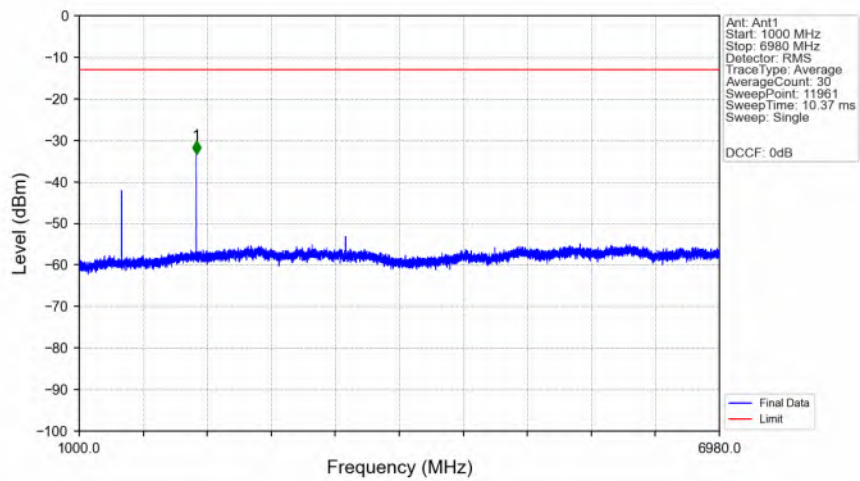
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_690.5MHz_Edge_1RB_Right_Ant1



n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_690.5MHz_Edge_1RB_Right_Ant1

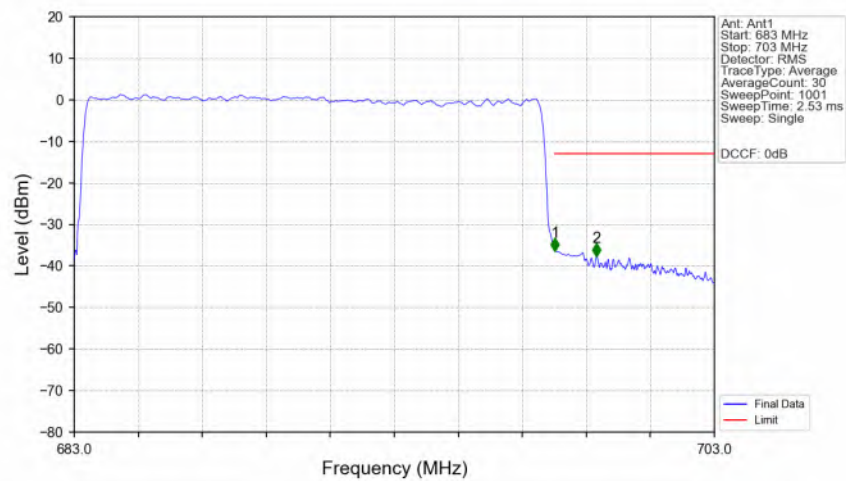


n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_690.5MHz_Edge_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	2092.500	-33.22	-13	Pass

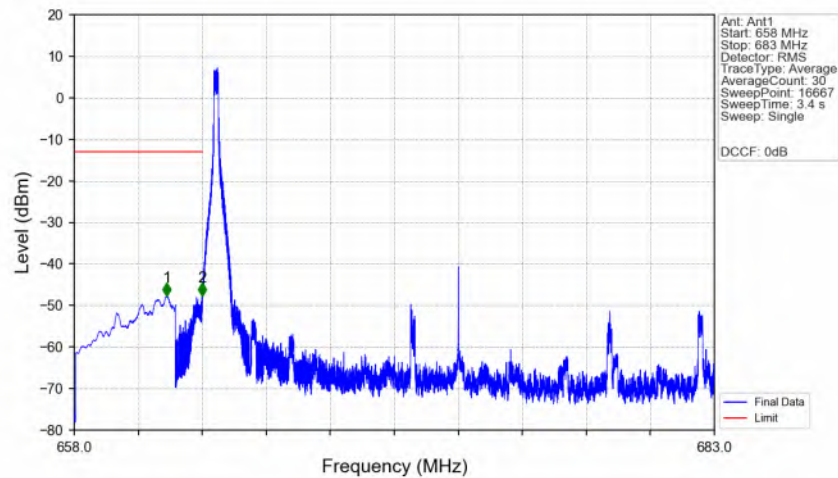
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_690.5MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.17085	CHP	/	/	/	/	/
698	699	0.17085	CHP	1	698.020	-36.42	-13	Pass
699	703	0.1	/	2	699.320	-37.70	-13	Pass

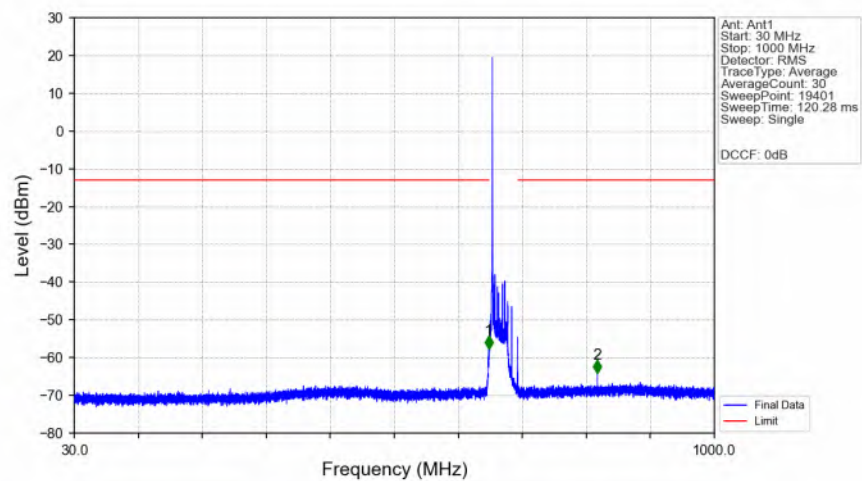
5.2.3 15_S_20M_NTNV

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_673MHz_Edge_1RB_Left_Ant1

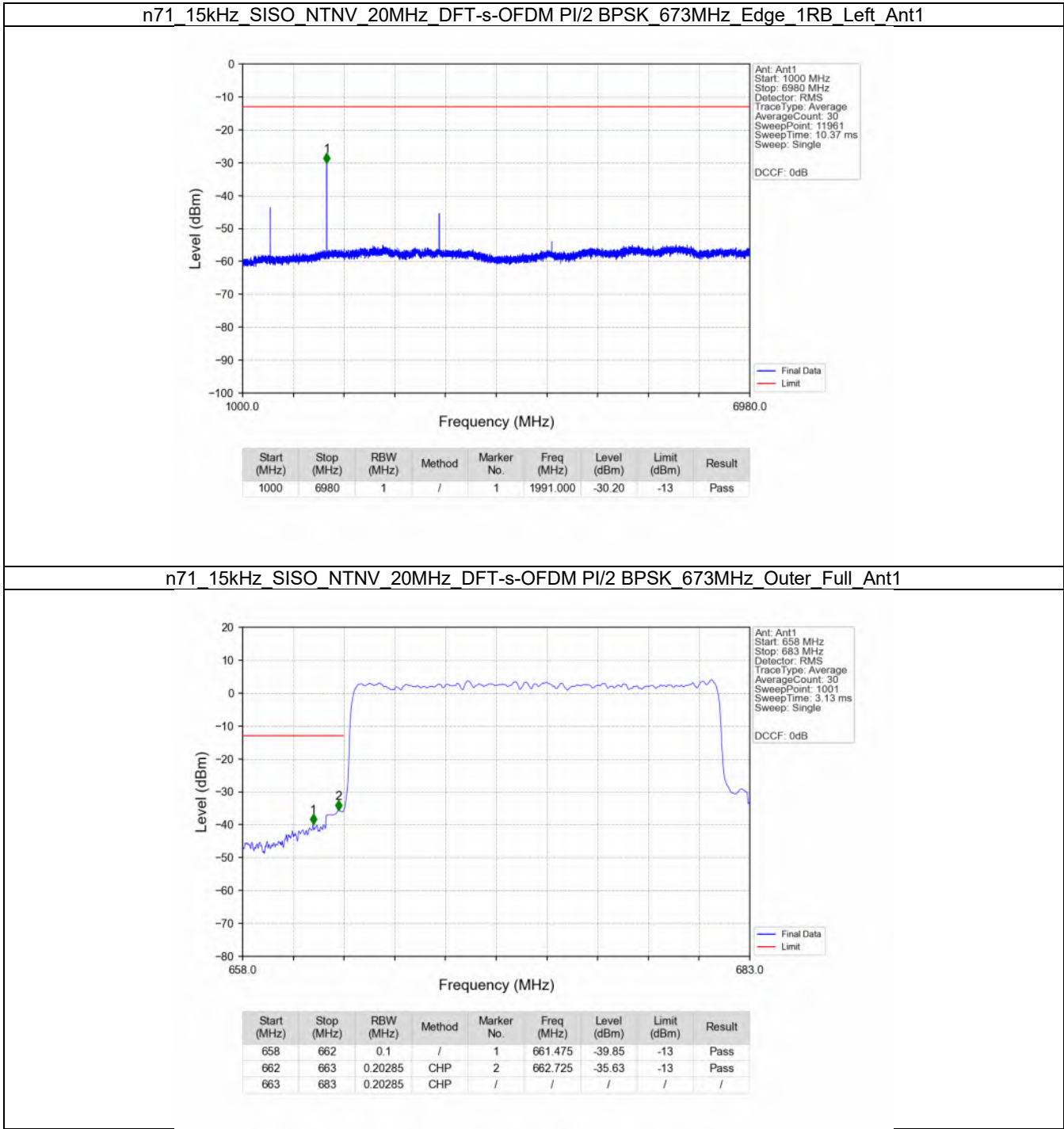


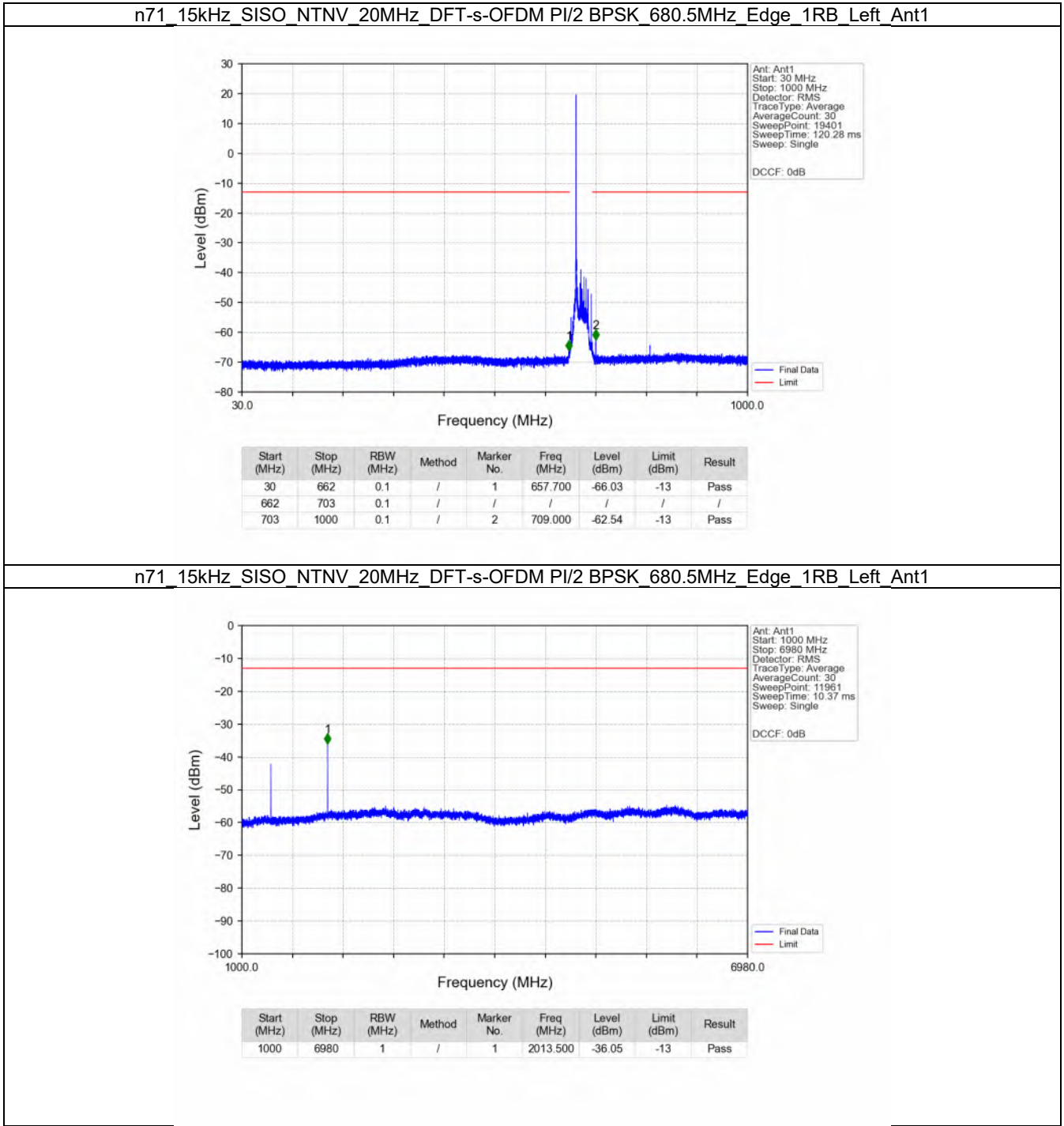
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.618	-47.66	-13	Pass
662	663	0.003	/	2	662.989	-47.65	-13	Pass
663	683	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_673MHz_Edge_1RB_Left_Ant1

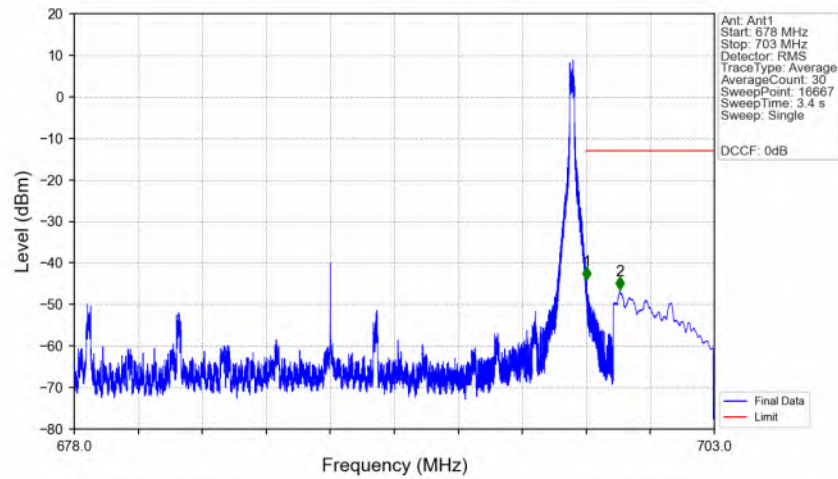


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.750	-57.71	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	822.800	-64.08	-13	Pass



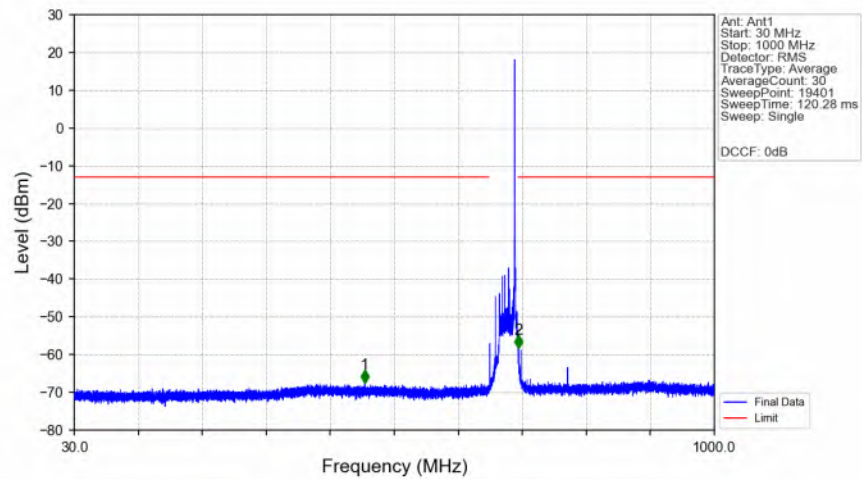


n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_688MHz_Edge_1RB_Right_Ant1

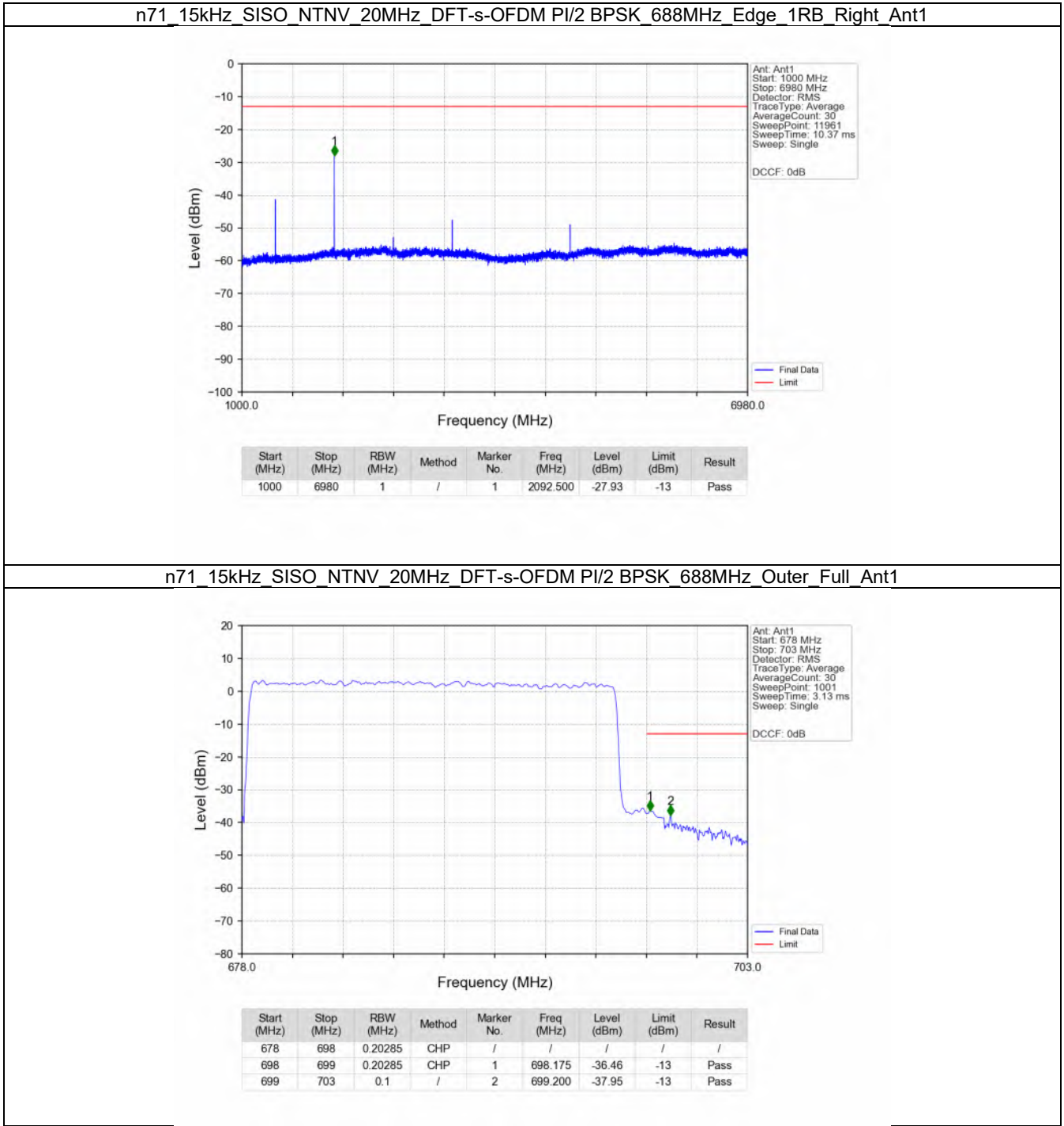


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.008	-44.09	-13	Pass
699	703	0.1	CHP	2	699.320	-46.51	-13	Pass

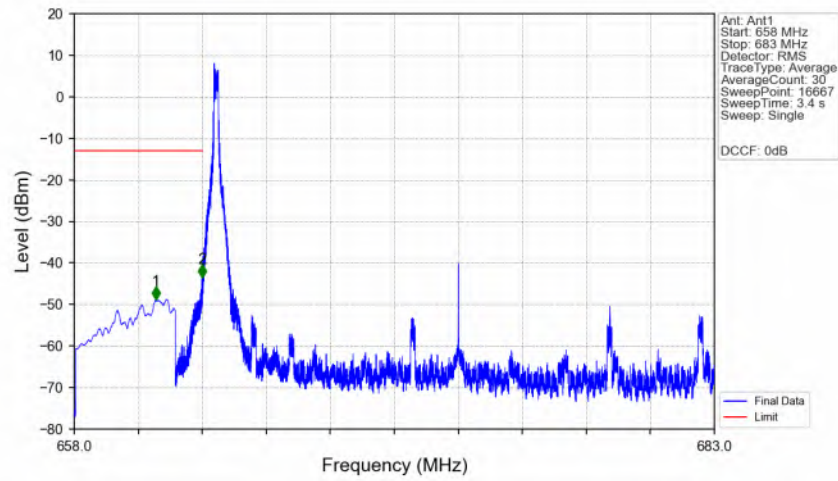
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_688MHz_Edge_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	470.300	-67.50	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.350	-58.21	-13	Pass

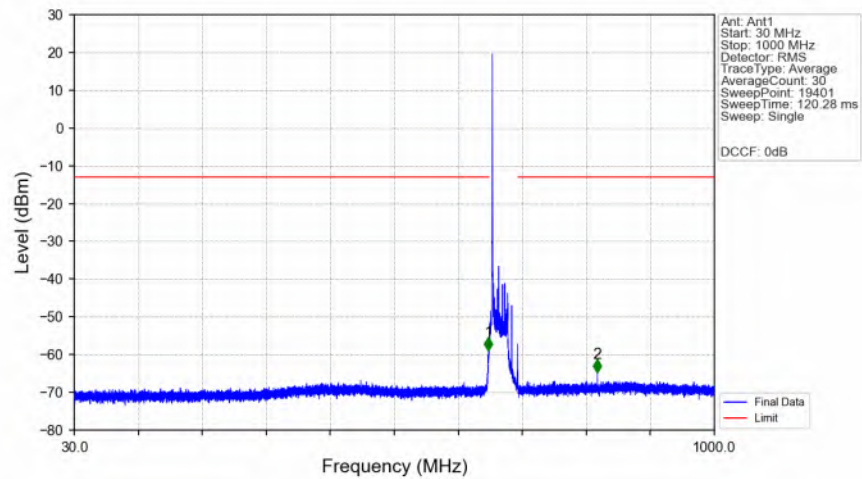


n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_673MHz_Edge_1RB_Left_Ant1



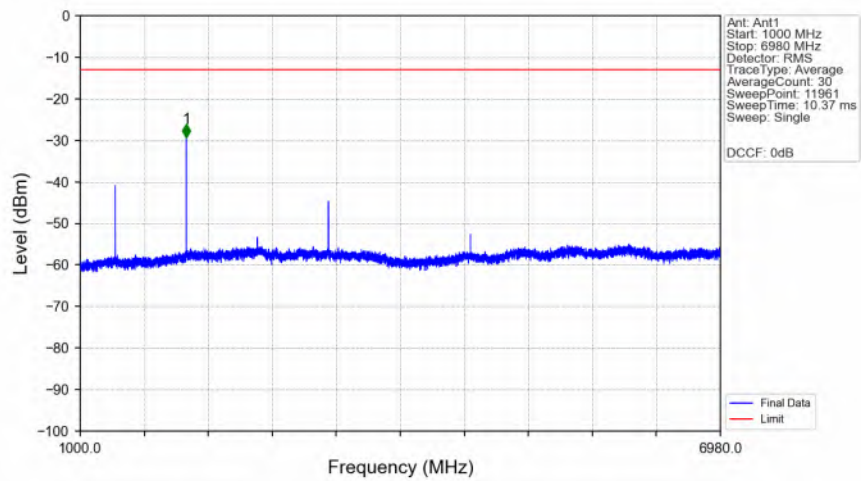
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.182	-48.80	-13	Pass
662	663	0.003	/	2	662.992	-43.51	-13	Pass
663	683	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_673MHz_Edge_1RB_Left_Ant1



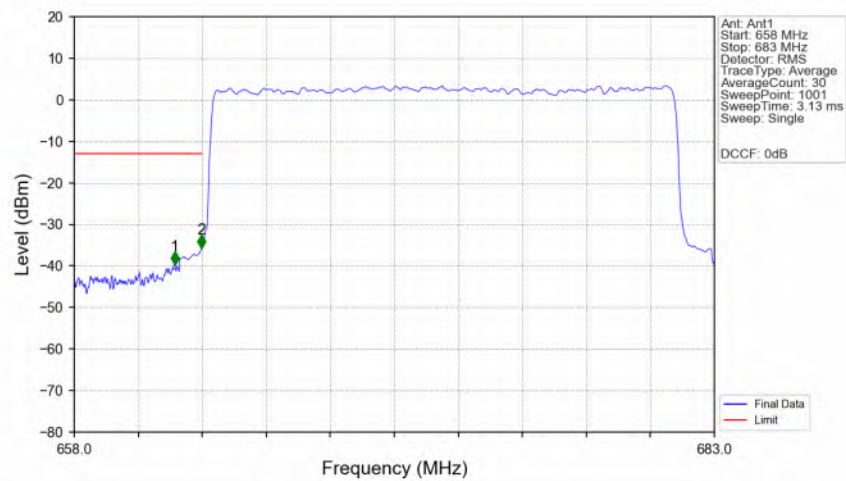
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.700	-58.83	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	822.800	-64.65	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_673MHz_Edge_1RB_Left_Ant1



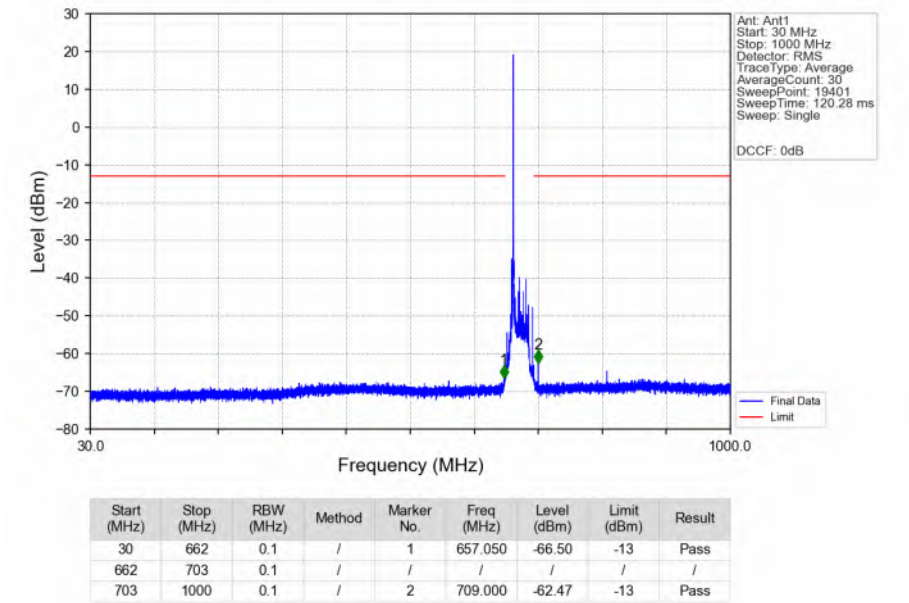
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1991.000	-29.26	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_673MHz_Outer_Full_Ant1

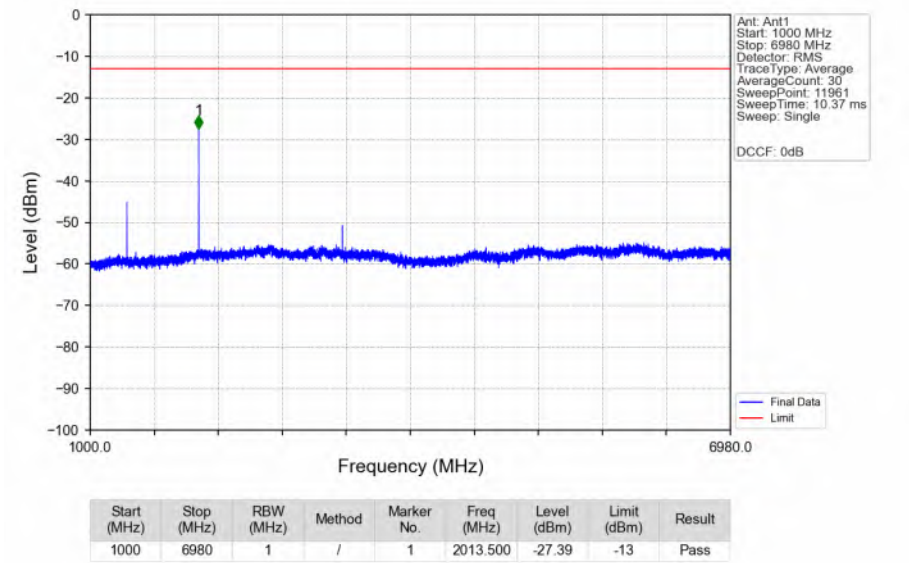


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	661.925	-39.61	-13	Pass
662	663	0.20285	CHP	2	662.975	-35.70	-13	Pass
663	683	0.20285	CHP	/	/	/	/	/

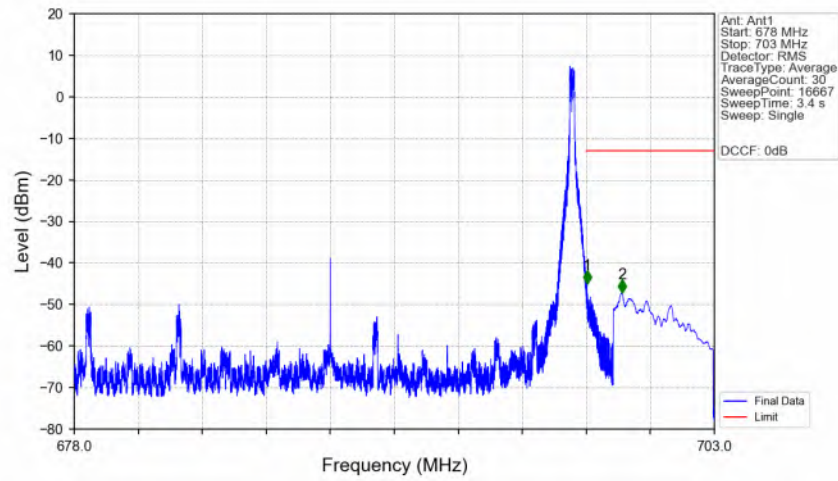
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_680.5MHz_Edge_1RB_Left_Ant1



n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_680.5MHz_Edge_1RB_Left_Ant1

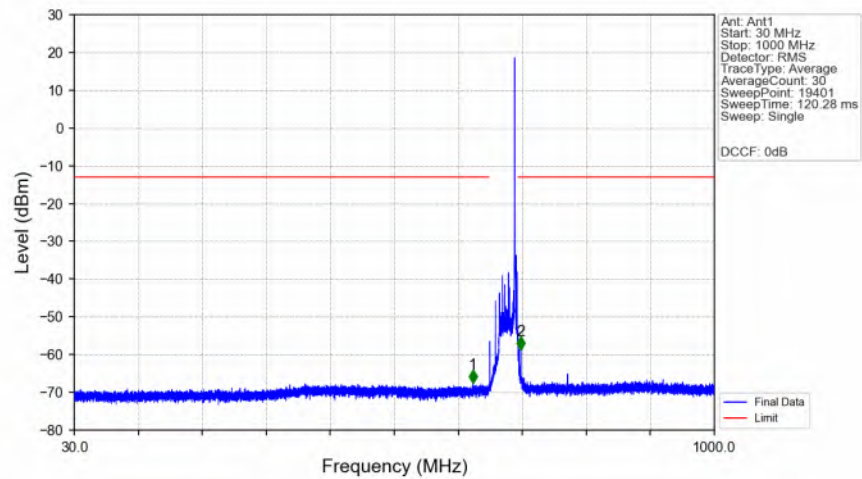


n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_688MHz_Edge_1RB_Right_Ant1



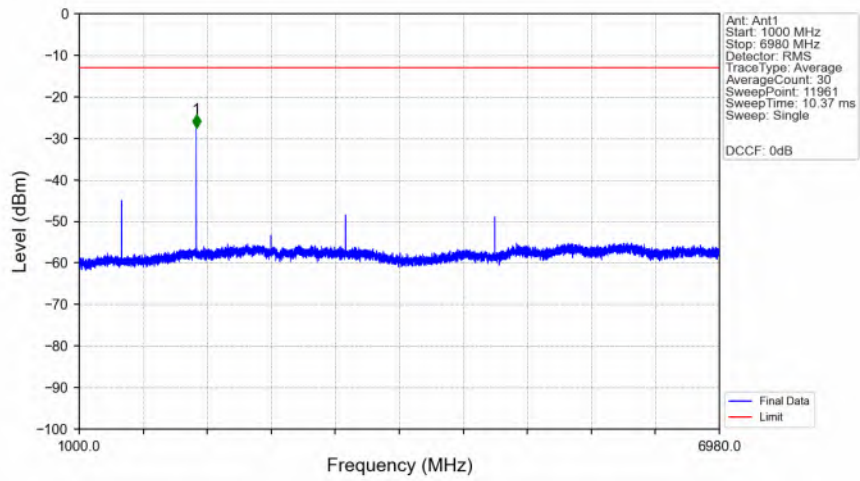
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.023	-45.05	-13	Pass
699	703	0.1	CHP	2	699.388	-47.10	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_688MHz_Edge_1RB_Right_Ant1



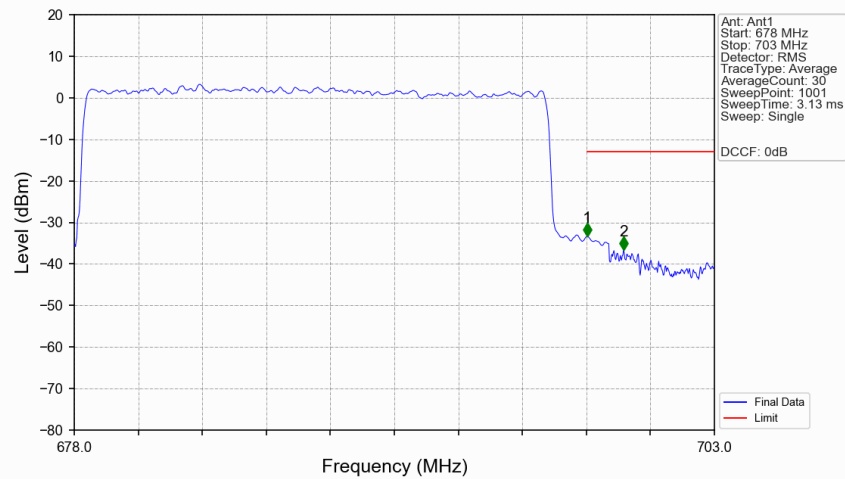
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	633.850	-67.45	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	706.900	-58.63	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_688MHz_Edge_1RB_Right_Ant1



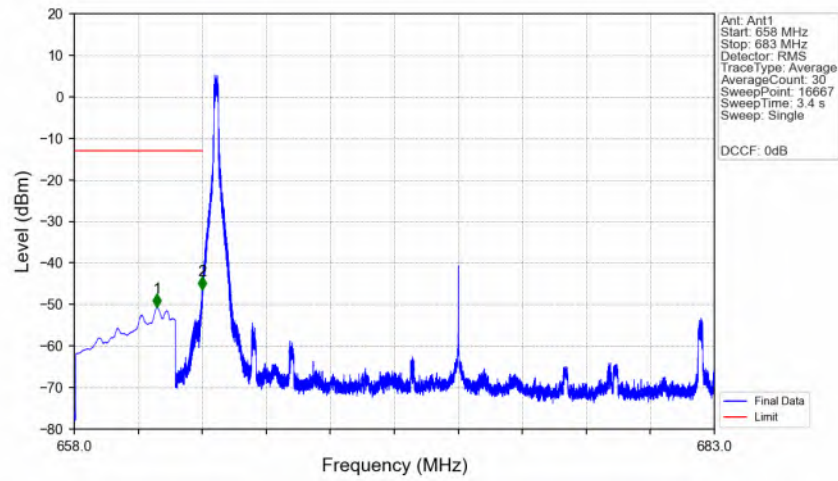
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	2092.500	-27.52	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_688MHz_Outer_Full_Ant1



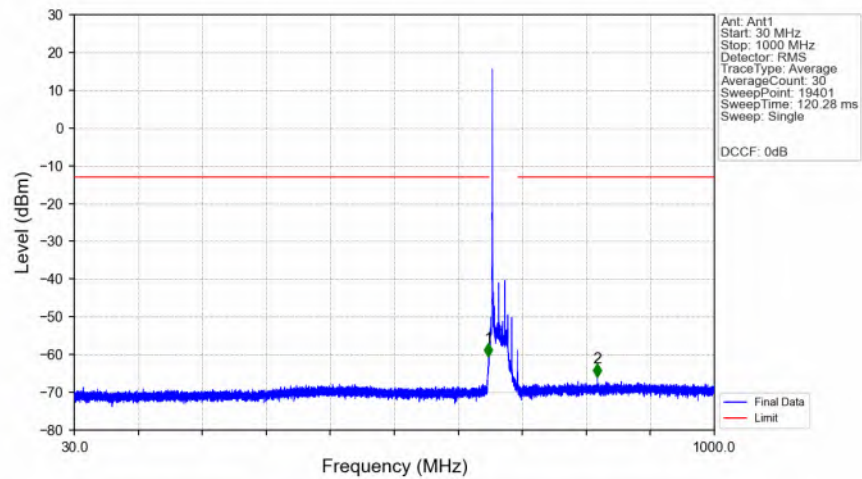
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.20285	CHP	/	/	/	/	/
698	699	0.20285	CHP	1	698.025	-33.38	-13	Pass
699	703	0.1	/	2	699.450	-36.61	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_673MHz_Edge_1RB_Left_Ant1



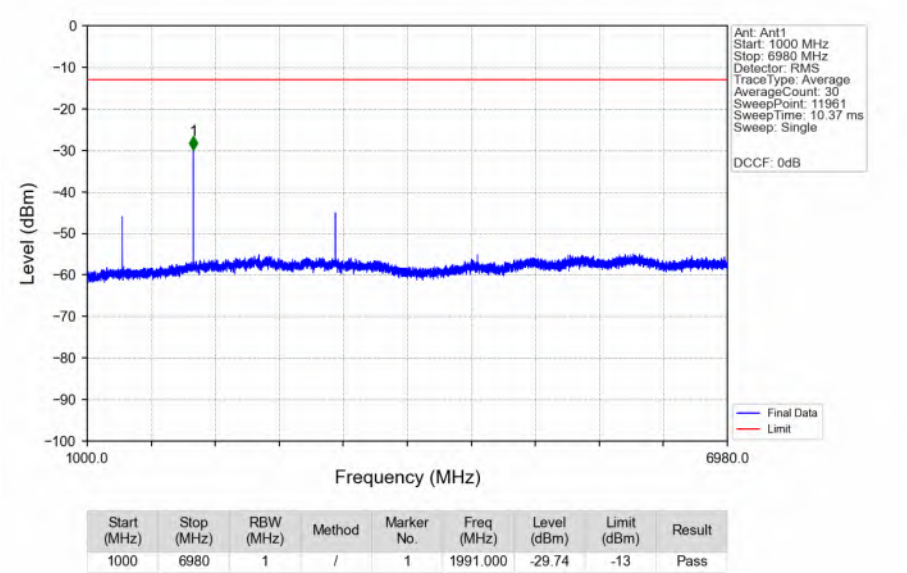
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.236	-50.69	-13	Pass
662	663	0.003	/	2	662.991	-46.38	-13	Pass
663	683	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_673MHz_Edge_1RB_Left_Ant1

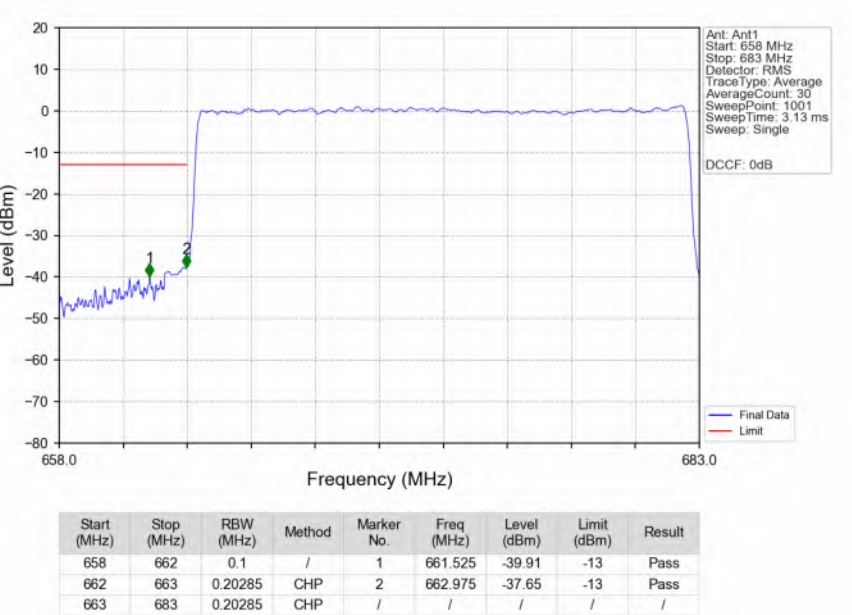


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.600	-60.58	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	822.750	-65.99	-13	Pass

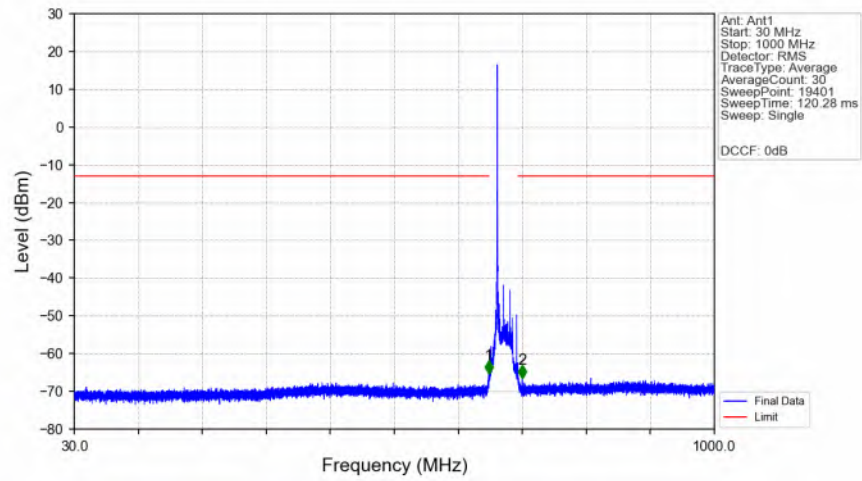
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_673MHz_Edge_1RB_Left_Ant1



n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_673MHz_Outer_Full_Ant1

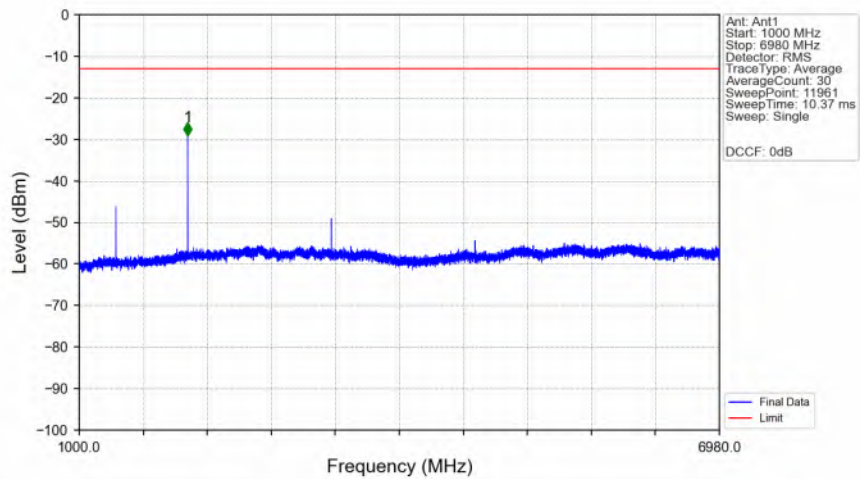


n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_680.5MHz_Edge_1RB_Left_Ant1



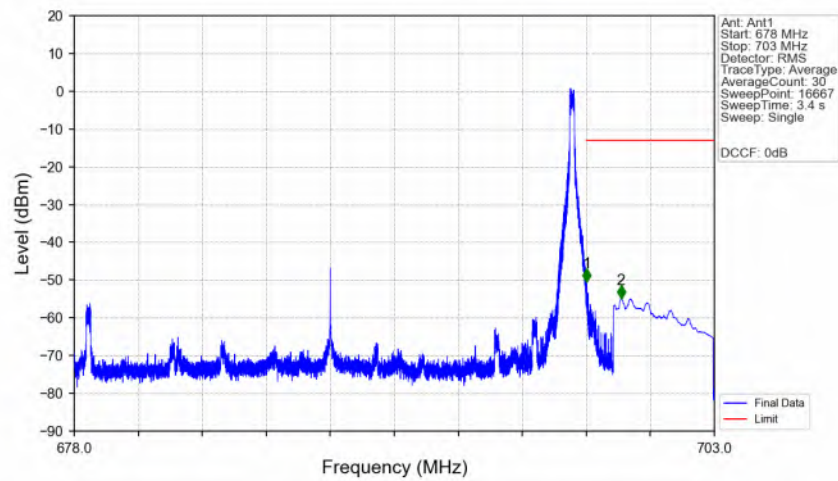
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	657.750	-65.28	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	708.950	-66.48	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_680.5MHz_Edge_1RB_Left_Ant1



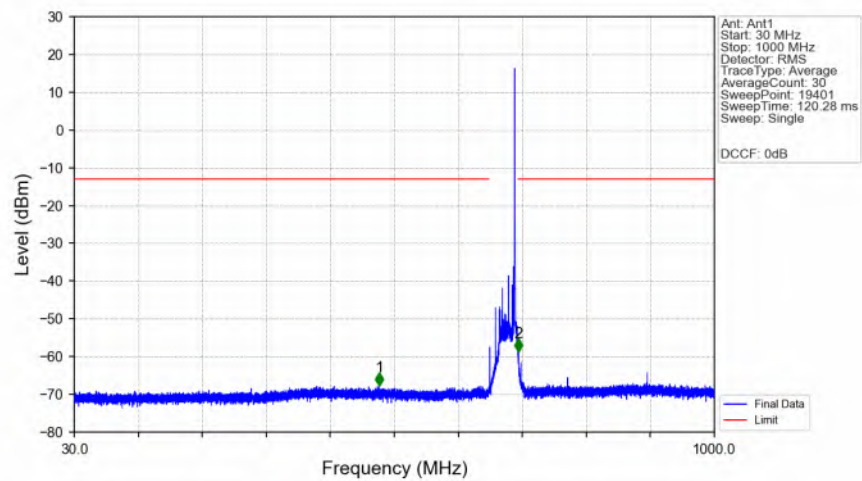
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	2013.500	-29.16	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_688MHz_Edge_1RB_Right_Ant1



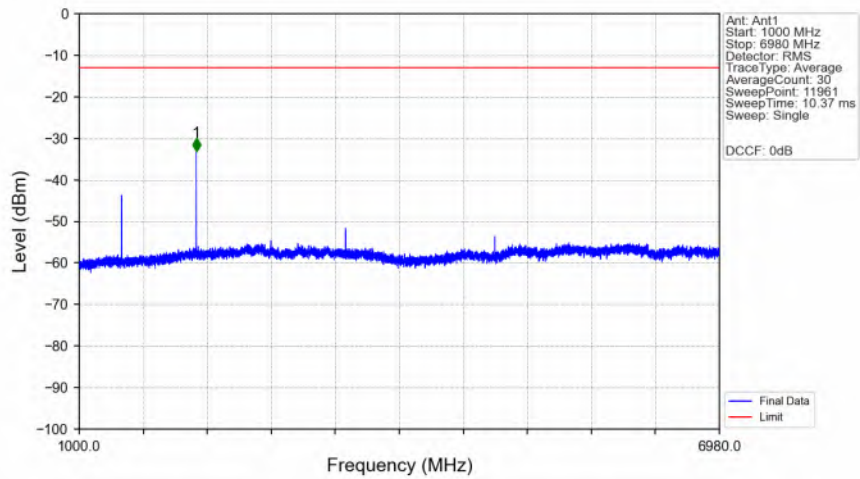
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.009	-50.54	-13	Pass
699	703	0.1	CHP	2	699.355	-54.88	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_688MHz_Edge_1RB_Right_Ant1

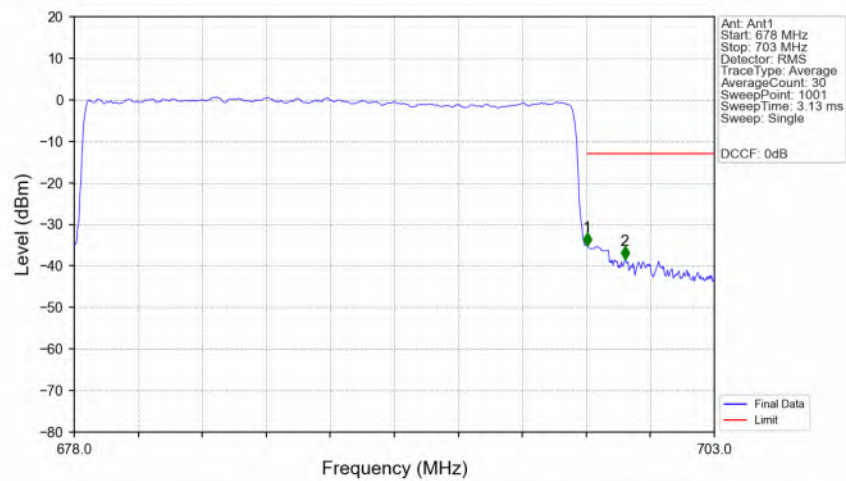


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	492.400	-67.75	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.300	-58.78	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_688MHz_Edge_1RB_Right_Ant1



n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_688MHz_Outer_Full_Ant1



---End of Attachment---