



Appendix A.40

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	23.51	/	/	20.26	/	/	<=34.77	Pass
		Edge_1RB_Right	23.49	/	/	20.24	/	/	<=34.77	Pass
		Outer_Full	23.54	/	/	20.29	/	/	<=34.77	Pass
		Inner_Full	23.97	/	/	20.72	/	/	<=34.77	Pass
		Inner_1RB_Left	23.98	/	/	20.73	/	/	<=34.77	Pass
		Inner_1RB_Right	23.83	/	/	20.58	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	23.00	/	/	19.75	/	/	<=34.77	Pass
		Edge_1RB_Right	22.90	/	/	19.65	/	/	<=34.77	Pass
		Outer_Full	23.06	/	/	19.81	/	/	<=34.77	Pass
		Inner_Full	23.62	/	/	20.37	/	/	<=34.77	Pass
		Inner_1RB_Left	23.48	/	/	20.23	/	/	<=34.77	Pass
		Inner_1RB_Right	23.46	/	/	20.21	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	22.92	/	/	19.67	/	/	<=34.77	Pass
		Edge_1RB_Right	22.98	/	/	19.73	/	/	<=34.77	Pass
		Outer_Full	23.06	/	/	19.81	/	/	<=34.77	Pass
		Inner_Full	23.56	/	/	20.31	/	/	<=34.77	Pass
		Inner_1RB_Left	23.46	/	/	20.21	/	/	<=34.77	Pass
		Inner_1RB_Right	23.51	/	/	20.26	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	665.5	Edge_1RB_Left	23.05	/	/	19.80	/	/	<=34.77	Pass
		Edge_1RB_Right	23.07	/	/	19.82	/	/	<=34.77	Pass
		Outer_Full	20.98	/	/	17.73	/	/	<=34.77	Pass
		Inner_Full	23.95	/	/	20.70	/	/	<=34.77	Pass
		Inner_1RB_Left	24.22	/	/	20.97	/	/	<=34.77	Pass
		Inner_1RB_Right	23.98	/	/	20.73	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	22.59	/	/	19.34	/	/	<=34.77	Pass
		Edge_1RB_Right	22.63	/	/	19.38	/	/	<=34.77	Pass
		Outer_Full	20.57	/	/	17.32	/	/	<=34.77	Pass
		Inner_Full	23.77	/	/	20.52	/	/	<=34.77	Pass
		Inner_1RB_Left	23.75	/	/	20.50	/	/	<=34.77	Pass
		Inner_1RB_Right	23.80	/	/	20.55	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	22.62	/	/	19.37	/	/	<=34.77	Pass
		Edge_1RB_Right	22.52	/	/	19.27	/	/	<=34.77	Pass
		Outer_Full	20.50	/	/	17.25	/	/	<=34.77	Pass
		Inner_Full	23.60	/	/	20.35	/	/	<=34.77	Pass
		Inner_1RB_Left	23.48	/	/	20.23	/	/	<=34.77	Pass
		Inner_1RB_Right	23.67	/	/	20.42	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	665.5	Edge_1RB_Left	22.11	/	/	18.86	/	/	<=34.77	Pass
		Edge_1RB_Right	22.11	/	/	18.86	/	/	<=34.77	Pass
		Outer_Full	19.80	/	/	16.55	/	/	<=34.77	Pass
		Inner_Full	22.83	/	/	19.58	/	/	<=34.77	Pass

		Inner_1RB_Left	23.03	/	/	19.78	/	/	<=34.77	Pass
		Inner_1RB_Right	23.09	/	/	19.84	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.73	/	/	18.48	/	/	<=34.77	Pass
		Edge_1RB_Right	21.68	/	/	18.43	/	/	<=34.77	Pass
		Outer_Full	19.77	/	/	16.52	/	/	<=34.77	Pass
		Inner_Full	22.56	/	/	19.31	/	/	<=34.77	Pass
		Inner_1RB_Left	22.74	/	/	19.49	/	/	<=34.77	Pass
		Inner_1RB_Right	22.67	/	/	19.42	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	21.74	/	/	18.49	/	/	<=34.77	Pass
		Edge_1RB_Right	21.63	/	/	18.38	/	/	<=34.77	Pass
		Outer_Full	19.50	/	/	16.25	/	/	<=34.77	Pass
		Inner_Full	22.50	/	/	19.25	/	/	<=34.77	Pass
		Inner_1RB_Left	22.76	/	/	19.51	/	/	<=34.77	Pass
		Inner_1RB_Right	22.76	/	/	19.51	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	665.5	Edge_1RB_Left	21.63	/	/	18.38	/	/	<=34.77	Pass
		Edge_1RB_Right	21.61	/	/	18.36	/	/	<=34.77	Pass
		Outer_Full	19.45	/	/	16.20	/	/	<=34.77	Pass
		Inner_Full	21.48	/	/	18.23	/	/	<=34.77	Pass
		Inner_1RB_Left	21.65	/	/	18.40	/	/	<=34.77	Pass
		Inner_1RB_Right	21.66	/	/	18.41	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	21.28	/	/	18.03	/	/	<=34.77	Pass
		Edge_1RB_Right	21.25	/	/	18.00	/	/	<=34.77	Pass
		Outer_Full	19.35	/	/	16.10	/	/	<=34.77	Pass
		Inner_Full	21.19	/	/	17.94	/	/	<=34.77	Pass
		Inner_1RB_Left	21.35	/	/	18.10	/	/	<=34.77	Pass
		Inner_1RB_Right	21.29	/	/	18.04	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	21.29	/	/	18.04	/	/	<=34.77	Pass
		Edge_1RB_Right	21.33	/	/	18.08	/	/	<=34.77	Pass
		Outer_Full	19.30	/	/	16.05	/	/	<=34.77	Pass
		Inner_Full	21.17	/	/	17.92	/	/	<=34.77	Pass
		Inner_1RB_Left	21.27	/	/	18.02	/	/	<=34.77	Pass
		Inner_1RB_Right	21.27	/	/	18.02	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	665.5	Edge_1RB_Left	19.08	/	/	15.83	/	/	<=34.77	Pass
		Edge_1RB_Right	19.08	/	/	15.83	/	/	<=34.77	Pass
		Outer_Full	16.47	/	/	13.22	/	/	<=34.77	Pass
		Inner_Full	19.38	/	/	16.13	/	/	<=34.77	Pass
		Inner_1RB_Left	19.09	/	/	15.84	/	/	<=34.77	Pass
		Inner_1RB_Right	19.00	/	/	15.75	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	18.81	/	/	15.56	/	/	<=34.77	Pass
		Edge_1RB_Right	18.73	/	/	15.48	/	/	<=34.77	Pass
		Outer_Full	16.22	/	/	12.97	/	/	<=34.77	Pass
		Inner_Full	19.11	/	/	15.86	/	/	<=34.77	Pass
		Inner_1RB_Left	18.78	/	/	15.53	/	/	<=34.77	Pass
		Inner_1RB_Right	18.75	/	/	15.50	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	18.75	/	/	15.50	/	/	<=34.77	Pass
		Edge_1RB_Right	18.84	/	/	15.59	/	/	<=34.77	Pass
		Outer_Full	16.02	/	/	12.77	/	/	<=34.77	Pass
		Inner_Full	19.11	/	/	15.86	/	/	<=34.77	Pass
		Inner_1RB_Left	18.76	/	/	15.51	/	/	<=34.77	Pass
		Inner_1RB_Right	18.81	/	/	15.56	/	/	<=34.77	Pass
CP-OFDM QPSK	665.5	Edge_1RB_Left	21.03	/	/	17.78	/	/	<=34.77	Pass
		Edge_1RB_Right	21.02	/	/	17.77	/	/	<=34.77	Pass
		Outer_Full	20.79	/	/	17.54	/	/	<=34.77	Pass

		Inner Full	22.41	/	/	19.16	/	/	<=34.77	Pass
		Inner 1RB Left	22.51	/	/	19.26	/	/	<=34.77	Pass
		Inner 1RB Right	22.53	/	/	19.28	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.65	/	/	17.40	/	/	<=34.77	Pass
		Edge 1RB Right	20.64	/	/	17.39	/	/	<=34.77	Pass
		Outer Full	20.67	/	/	17.42	/	/	<=34.77	Pass
		Inner Full	22.24	/	/	18.99	/	/	<=34.77	Pass
		Inner 1RB Left	22.22	/	/	18.97	/	/	<=34.77	Pass
		Inner 1RB Right	22.23	/	/	18.98	/	/	<=34.77	Pass
	695.5	Edge 1RB Left	20.69	/	/	17.44	/	/	<=34.77	Pass
		Edge 1RB Right	20.74	/	/	17.49	/	/	<=34.77	Pass
		Outer Full	20.63	/	/	17.38	/	/	<=34.77	Pass
		Inner Full	22.22	/	/	18.97	/	/	<=34.77	Pass
		Inner 1RB Left	22.05	/	/	18.80	/	/	<=34.77	Pass
		Inner 1RB Right	22.16	/	/	18.91	/	/	<=34.77	Pass
CP-OFDM 16 QAM	665.5	Edge 1RB Left	21.05	/	/	17.80	/	/	<=34.77	Pass
		Edge 1RB Right	21.00	/	/	17.75	/	/	<=34.77	Pass
		Outer Full	18.85	/	/	15.60	/	/	<=34.77	Pass
		Inner Full	21.98	/	/	18.73	/	/	<=34.77	Pass
		Inner 1RB Left	22.08	/	/	18.83	/	/	<=34.77	Pass
		Inner 1RB Right	21.96	/	/	18.71	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.67	/	/	17.42	/	/	<=34.77	Pass
		Edge 1RB Right	20.68	/	/	17.43	/	/	<=34.77	Pass
		Outer Full	18.59	/	/	15.34	/	/	<=34.77	Pass
		Inner Full	21.64	/	/	18.39	/	/	<=34.77	Pass
		Inner 1RB Left	21.65	/	/	18.40	/	/	<=34.77	Pass
		Inner 1RB Right	21.69	/	/	18.44	/	/	<=34.77	Pass
	695.5	Edge 1RB Left	20.65	/	/	17.40	/	/	<=34.77	Pass
		Edge 1RB Right	20.70	/	/	17.45	/	/	<=34.77	Pass
		Outer Full	18.46	/	/	15.21	/	/	<=34.77	Pass
		Inner Full	21.53	/	/	18.28	/	/	<=34.77	Pass
		Inner 1RB Left	21.79	/	/	18.54	/	/	<=34.77	Pass
		Inner 1RB Right	21.66	/	/	18.41	/	/	<=34.77	Pass
CP-OFDM 64 QAM	665.5	Edge 1RB Left	20.62	/	/	17.37	/	/	<=34.77	Pass
		Edge 1RB Right	20.60	/	/	17.35	/	/	<=34.77	Pass
		Outer Full	18.50	/	/	15.25	/	/	<=34.77	Pass
		Inner Full	20.45	/	/	17.20	/	/	<=34.77	Pass
		Inner 1RB Left	20.53	/	/	17.28	/	/	<=34.77	Pass
		Inner 1RB Right	20.67	/	/	17.42	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.26	/	/	17.01	/	/	<=34.77	Pass
		Edge 1RB Right	20.15	/	/	16.90	/	/	<=34.77	Pass
		Outer Full	18.31	/	/	15.06	/	/	<=34.77	Pass
		Inner Full	20.26	/	/	17.01	/	/	<=34.77	Pass
		Inner 1RB Left	20.23	/	/	16.98	/	/	<=34.77	Pass
		Inner 1RB Right	20.24	/	/	16.99	/	/	<=34.77	Pass
	695.5	Edge 1RB Left	20.15	/	/	16.90	/	/	<=34.77	Pass
		Edge 1RB Right	20.23	/	/	16.98	/	/	<=34.77	Pass
		Outer Full	18.19	/	/	14.94	/	/	<=34.77	Pass
		Inner Full	20.12	/	/	16.87	/	/	<=34.77	Pass
		Inner 1RB Left	20.20	/	/	16.95	/	/	<=34.77	Pass
		Inner 1RB Right	20.28	/	/	17.03	/	/	<=34.77	Pass
CP-OFDM 256 QAM	665.5	Edge 1RB Left	17.00	/	/	13.75	/	/	<=34.77	Pass
		Edge 1RB Right	17.04	/	/	13.79	/	/	<=34.77	Pass



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		Outer_Full	15.27	/	/	12.02	/	/	<=34.77	Pass
		Inner_Full	17.24	/	/	13.99	/	/	<=34.77	Pass
		Inner_1RB_Left	17.13	/	/	13.88	/	/	<=34.77	Pass
		Inner_1RB_Right	17.03	/	/	13.78	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	16.89	/	/	13.64	/	/	<=34.77	Pass
		Edge_1RB_Right	16.82	/	/	13.57	/	/	<=34.77	Pass
		Outer_Full	15.20	/	/	11.95	/	/	<=34.77	Pass
		Inner_Full	17.19	/	/	13.94	/	/	<=34.77	Pass
		Inner_1RB_Left	16.94	/	/	13.69	/	/	<=34.77	Pass
		Inner_1RB_Right	16.83	/	/	13.58	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	16.69	/	/	13.44	/	/	<=34.77	Pass
		Edge_1RB_Right	16.72	/	/	13.47	/	/	<=34.77	Pass
		Outer_Full	14.97	/	/	11.72	/	/	<=34.77	Pass
		Inner_Full	16.93	/	/	13.68	/	/	<=34.77	Pass
		Inner_1RB_Left	16.70	/	/	13.45	/	/	<=34.77	Pass
		Inner_1RB_Right	16.76	/	/	13.51	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: -1.10dBi; 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	23.34	/	/	20.09	/	/	<=34.77	Pass
		Edge 1RB Right	23.05	/	/	19.80	/	/	<=34.77	Pass
		Outer Full	23.46	/	/	20.21	/	/	<=34.77	Pass
		Inner Full	23.94	/	/	20.69	/	/	<=34.77	Pass
		Inner 1RB Left	23.68	/	/	20.43	/	/	<=34.77	Pass
		Inner 1RB Right	23.70	/	/	20.45	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	23.11	/	/	19.86	/	/	<=34.77	Pass
		Edge 1RB Right	22.85	/	/	19.60	/	/	<=34.77	Pass
		Outer Full	23.10	/	/	19.85	/	/	<=34.77	Pass
		Inner Full	23.37	/	/	20.12	/	/	<=34.77	Pass
		Inner 1RB Left	23.52	/	/	20.27	/	/	<=34.77	Pass
		Inner 1RB Right	23.33	/	/	20.08	/	/	<=34.77	Pass
	693	Edge 1RB Left	22.80	/	/	19.55	/	/	<=34.77	Pass
		Edge 1RB Right	22.75	/	/	19.50	/	/	<=34.77	Pass
		Outer Full	23.04	/	/	19.79	/	/	<=34.77	Pass
		Inner Full	23.12	/	/	19.87	/	/	<=34.77	Pass
		Inner 1RB Left	23.26	/	/	20.01	/	/	<=34.77	Pass
		Inner 1RB Right	23.15	/	/	19.90	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	668	Edge 1RB Left	22.99	/	/	19.74	/	/	<=34.77	Pass
		Edge 1RB Right	22.91	/	/	19.66	/	/	<=34.77	Pass
		Outer Full	20.75	/	/	17.50	/	/	<=34.77	Pass
		Inner Full	23.71	/	/	20.46	/	/	<=34.77	Pass
		Inner 1RB Left	24.07	/	/	20.82	/	/	<=34.77	Pass
		Inner 1RB Right	23.91	/	/	20.66	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.86	/	/	19.61	/	/	<=34.77	Pass
		Edge 1RB Right	22.60	/	/	19.35	/	/	<=34.77	Pass
		Outer Full	20.11	/	/	16.86	/	/	<=34.77	Pass

		Inner Full	23.54	/	/	20.29	/	/	<=34.77	Pass
		Inner 1RB Left	23.97	/	/	20.72	/	/	<=34.77	Pass
		Inner 1RB Right	23.67	/	/	20.42	/	/	<=34.77	Pass
	693	Edge 1RB Left	22.36	/	/	19.11	/	/	<=34.77	Pass
		Edge 1RB Right	22.34	/	/	19.09	/	/	<=34.77	Pass
		Outer Full	20.04	/	/	16.79	/	/	<=34.77	Pass
		Inner Full	23.28	/	/	20.03	/	/	<=34.77	Pass
		Inner 1RB Left	23.45	/	/	20.20	/	/	<=34.77	Pass
		Inner 1RB Right	23.48	/	/	20.23	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	668	Edge 1RB Left	21.81	/	/	18.56	/	/	<=34.77	Pass
		Edge 1RB Right	21.69	/	/	18.44	/	/	<=34.77	Pass
		Outer Full	19.57	/	/	16.32	/	/	<=34.77	Pass
		Inner Full	22.72	/	/	19.47	/	/	<=34.77	Pass
		Inner 1RB Left	22.90	/	/	19.65	/	/	<=34.77	Pass
		Inner 1RB Right	22.70	/	/	19.45	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.82	/	/	18.57	/	/	<=34.77	Pass
		Edge 1RB Right	21.59	/	/	18.34	/	/	<=34.77	Pass
		Outer Full	19.04	/	/	15.79	/	/	<=34.77	Pass
		Inner Full	22.03	/	/	18.78	/	/	<=34.77	Pass
		Inner 1RB Left	22.89	/	/	19.64	/	/	<=34.77	Pass
		Inner 1RB Right	22.60	/	/	19.35	/	/	<=34.77	Pass
	693	Edge 1RB Left	21.35	/	/	18.10	/	/	<=34.77	Pass
		Edge 1RB Right	21.32	/	/	18.07	/	/	<=34.77	Pass
		Outer Full	18.94	/	/	15.69	/	/	<=34.77	Pass
		Inner Full	22.19	/	/	18.94	/	/	<=34.77	Pass
		Inner 1RB Left	22.39	/	/	19.14	/	/	<=34.77	Pass
		Inner 1RB Right	22.47	/	/	19.22	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	668	Edge 1RB Left	21.05	/	/	17.80	/	/	<=34.77	Pass
		Edge 1RB Right	21.29	/	/	18.04	/	/	<=34.77	Pass
		Outer Full	18.99	/	/	15.74	/	/	<=34.77	Pass
		Inner Full	21.15	/	/	17.90	/	/	<=34.77	Pass
		Inner 1RB Left	21.08	/	/	17.83	/	/	<=34.77	Pass
		Inner 1RB Right	21.07	/	/	17.82	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.11	/	/	17.86	/	/	<=34.77	Pass
		Edge 1RB Right	21.12	/	/	17.87	/	/	<=34.77	Pass
		Outer Full	18.48	/	/	15.23	/	/	<=34.77	Pass
		Inner Full	20.99	/	/	17.74	/	/	<=34.77	Pass
		Inner 1RB Left	21.29	/	/	18.04	/	/	<=34.77	Pass
		Inner 1RB Right	21.04	/	/	17.79	/	/	<=34.77	Pass
	693	Edge 1RB Left	20.85	/	/	17.60	/	/	<=34.77	Pass
		Edge 1RB Right	20.81	/	/	17.56	/	/	<=34.77	Pass
		Outer Full	18.37	/	/	15.12	/	/	<=34.77	Pass
		Inner Full	20.68	/	/	17.43	/	/	<=34.77	Pass
		Inner 1RB Left	20.86	/	/	17.61	/	/	<=34.77	Pass
		Inner 1RB Right	20.86	/	/	17.61	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	668	Edge 1RB Left	18.91	/	/	15.66	/	/	<=34.77	Pass
		Edge 1RB Right	18.72	/	/	15.47	/	/	<=34.77	Pass
		Outer Full	15.13	/	/	11.88	/	/	<=34.77	Pass
		Inner Full	19.08	/	/	15.83	/	/	<=34.77	Pass
		Inner 1RB Left	18.69	/	/	15.44	/	/	<=34.77	Pass
		Inner 1RB Right	18.70	/	/	15.45	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	18.63	/	/	15.38	/	/	<=34.77	Pass
		Edge 1RB Right	18.38	/	/	15.13	/	/	<=34.77	Pass

		Outer Full	15.61	/	/	12.36	/	/	<=34.77	Pass
		Inner Full	18.92	/	/	15.67	/	/	<=34.77	Pass
		Inner 1RB Left	18.57	/	/	15.32	/	/	<=34.77	Pass
		Inner 1RB Right	18.30	/	/	15.05	/	/	<=34.77	Pass
	693	Edge 1RB Left	17.96	/	/	14.71	/	/	<=34.77	Pass
		Edge 1RB Right	17.98	/	/	14.73	/	/	<=34.77	Pass
		Outer Full	14.75	/	/	11.50	/	/	<=34.77	Pass
		Inner Full	18.59	/	/	15.34	/	/	<=34.77	Pass
		Inner 1RB Left	17.93	/	/	14.68	/	/	<=34.77	Pass
		Inner 1RB Right	18.05	/	/	14.80	/	/	<=34.77	Pass
		Edge 1RB Left	20.83	/	/	17.58	/	/	<=34.77	Pass
		Edge 1RB Right	20.73	/	/	17.48	/	/	<=34.77	Pass
CP-OFDM QPSK	668	Outer Full	20.59	/	/	17.34	/	/	<=34.77	Pass
		Inner Full	22.17	/	/	18.92	/	/	<=34.77	Pass
		Inner 1RB Left	22.53	/	/	19.28	/	/	<=34.77	Pass
		Inner 1RB Right	22.27	/	/	19.02	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.66	/	/	17.41	/	/	<=34.77	Pass
		Edge 1RB Right	20.37	/	/	17.12	/	/	<=34.77	Pass
		Outer Full	20.35	/	/	17.10	/	/	<=34.77	Pass
		Inner Full	21.95	/	/	18.70	/	/	<=34.77	Pass
		Inner 1RB Left	22.28	/	/	19.03	/	/	<=34.77	Pass
		Inner 1RB Right	21.98	/	/	18.73	/	/	<=34.77	Pass
	693	Edge 1RB Left	20.07	/	/	16.82	/	/	<=34.77	Pass
		Edge 1RB Right	20.14	/	/	16.89	/	/	<=34.77	Pass
		Outer Full	20.33	/	/	17.08	/	/	<=34.77	Pass
		Inner Full	21.60	/	/	18.35	/	/	<=34.77	Pass
		Inner 1RB Left	21.83	/	/	18.58	/	/	<=34.77	Pass
		Inner 1RB Right	21.84	/	/	18.59	/	/	<=34.77	Pass
CP-OFDM 16 QAM	668	Edge 1RB Left	20.75	/	/	17.50	/	/	<=34.77	Pass
		Edge 1RB Right	20.39	/	/	17.14	/	/	<=34.77	Pass
		Outer Full	18.64	/	/	15.39	/	/	<=34.77	Pass
		Inner Full	21.55	/	/	18.30	/	/	<=34.77	Pass
		Inner 1RB Left	21.93	/	/	18.68	/	/	<=34.77	Pass
		Inner 1RB Right	21.63	/	/	18.38	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.60	/	/	17.35	/	/	<=34.77	Pass
		Edge 1RB Right	20.38	/	/	17.13	/	/	<=34.77	Pass
		Outer Full	18.39	/	/	15.14	/	/	<=34.77	Pass
		Inner Full	21.42	/	/	18.17	/	/	<=34.77	Pass
		Inner 1RB Left	21.70	/	/	18.45	/	/	<=34.77	Pass
		Inner 1RB Right	21.39	/	/	18.14	/	/	<=34.77	Pass
	693	Edge 1RB Left	20.38	/	/	17.13	/	/	<=34.77	Pass
		Edge 1RB Right	20.16	/	/	16.91	/	/	<=34.77	Pass
		Outer Full	18.05	/	/	14.80	/	/	<=34.77	Pass
		Inner Full	21.07	/	/	17.82	/	/	<=34.77	Pass
		Inner 1RB Left	21.21	/	/	17.96	/	/	<=34.77	Pass
		Inner 1RB Right	21.15	/	/	17.90	/	/	<=34.77	Pass
CP-OFDM 64 QAM	668	Edge 1RB Left	19.91	/	/	16.66	/	/	<=34.77	Pass
		Edge 1RB Right	20.18	/	/	16.93	/	/	<=34.77	Pass
		Outer Full	17.58	/	/	14.33	/	/	<=34.77	Pass
		Inner Full	20.05	/	/	16.80	/	/	<=34.77	Pass
		Inner 1RB Left	20.32	/	/	17.07	/	/	<=34.77	Pass
		Inner 1RB Right	20.15	/	/	16.90	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.09	/	/	16.84	/	/	<=34.77	Pass

		Edge_1RB_Right	19.90	/	/	16.65	/	/	<=34.77	Pass	
		Outer_Full	17.54	/	/	14.29	/	/	<=34.77	Pass	
		Inner_Full	19.59	/	/	16.34	/	/	<=34.77	Pass	
		Inner_1RB_Left	19.99	/	/	16.74	/	/	<=34.77	Pass	
		Inner_1RB_Right	19.72	/	/	16.47	/	/	<=34.77	Pass	
	693	Edge_1RB_Left	19.64	/	/	16.39	/	/	<=34.77	Pass	
		Edge_1RB_Right	19.70	/	/	16.45	/	/	<=34.77	Pass	
		Outer_Full	17.49	/	/	14.24	/	/	<=34.77	Pass	
		Inner_Full	19.61	/	/	16.36	/	/	<=34.77	Pass	
		Inner_1RB_Left	19.76	/	/	16.51	/	/	<=34.77	Pass	
Inner_1RB_Right	19.61	/	/	16.36	/	/	<=34.77	Pass			
CP-OFDM 256 QAM	668	Edge_1RB_Left	16.94	/	/	13.69	/	/	<=34.77	Pass	
		Edge_1RB_Right	16.97	/	/	13.72	/	/	<=34.77	Pass	
		Outer_Full	15.42	/	/	12.17	/	/	<=34.77	Pass	
		Inner_Full	17.30	/	/	14.05	/	/	<=34.77	Pass	
		Inner_1RB_Left	17.05	/	/	13.80	/	/	<=34.77	Pass	
		Inner_1RB_Right	17.05	/	/	13.80	/	/	<=34.77	Pass	
	680.5	Edge_1RB_Left	16.70	/	/	13.45	/	/	<=34.77	Pass	
		Edge_1RB_Right	16.61	/	/	13.36	/	/	<=34.77	Pass	
		Outer_Full	15.16	/	/	11.91	/	/	<=34.77	Pass	
		Inner_Full	16.98	/	/	13.73	/	/	<=34.77	Pass	
		Inner_1RB_Left	16.49	/	/	13.24	/	/	<=34.77	Pass	
		Inner_1RB_Right	16.47	/	/	13.22	/	/	<=34.77	Pass	
	693	Edge_1RB_Left	15.60	/	/	12.35	/	/	<=34.77	Pass	
		Edge_1RB_Right	16.29	/	/	13.04	/	/	<=34.77	Pass	
		Outer_Full	14.34	/	/	11.09	/	/	<=34.77	Pass	
		Inner_Full	15.95	/	/	12.70	/	/	<=34.77	Pass	
		Inner_1RB_Left	15.96	/	/	12.71	/	/	<=34.77	Pass	
		Inner_1RB_Right	15.91	/	/	12.66	/	/	<=34.77	Pass	
	Note1: Antenna Gain: Ant1: -1.10dBi; 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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	670.5	Edge 1RB Left	22.96	/	/	19.71	/	/	<=34.77	Pass
		Edge 1RB Right	22.88	/	/	19.63	/	/	<=34.77	Pass
		Outer Full	22.69	/	/	19.44	/	/	<=34.77	Pass
		Inner Full	23.51	/	/	20.26	/	/	<=34.77	Pass
		Inner 1RB Left	23.68	/	/	20.43	/	/	<=34.77	Pass
		Inner 1RB Right	23.46	/	/	20.21	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.64	/	/	19.39	/	/	<=34.77	Pass
		Edge 1RB Right	22.29	/	/	19.04	/	/	<=34.77	Pass
		Outer Full	22.76	/	/	19.51	/	/	<=34.77	Pass
		Inner Full	23.14	/	/	19.89	/	/	<=34.77	Pass
		Inner 1RB Left	23.17	/	/	19.92	/	/	<=34.77	Pass
		Inner 1RB Right	22.77	/	/	19.52	/	/	<=34.77	Pass
	690.5	Edge 1RB Left	22.32	/	/	19.07	/	/	<=34.77	Pass
		Edge 1RB Right	22.15	/	/	18.90	/	/	<=34.77	Pass

DFT-s-OFDM QPSK	670.5	Outer Full	22.46	/	/	19.21	/	/	<=34.77	Pass
		Inner Full	22.71	/	/	19.46	/	/	<=34.77	Pass
		Inner 1RB Left	22.81	/	/	19.56	/	/	<=34.77	Pass
		Inner 1RB Right	22.69	/	/	19.44	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	22.69	/	/	19.44	/	/	<=34.77	Pass
		Edge 1RB Right	22.43	/	/	19.18	/	/	<=34.77	Pass
		Outer Full	20.50	/	/	17.25	/	/	<=34.77	Pass
		Inner Full	23.56	/	/	20.31	/	/	<=34.77	Pass
	690.5	Inner 1RB Left	23.74	/	/	20.49	/	/	<=34.77	Pass
		Inner 1RB Right	23.52	/	/	20.27	/	/	<=34.77	Pass
		Edge 1RB Left	22.19	/	/	18.94	/	/	<=34.77	Pass
		Edge 1RB Right	21.87	/	/	18.62	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	670.5	Outer Full	19.87	/	/	16.62	/	/	<=34.77	Pass
		Inner Full	23.07	/	/	19.82	/	/	<=34.77	Pass
		Inner 1RB Left	23.29	/	/	20.04	/	/	<=34.77	Pass
		Inner 1RB Right	23.11	/	/	19.86	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.97	/	/	18.72	/	/	<=34.77	Pass
		Edge 1RB Right	22.15	/	/	18.90	/	/	<=34.77	Pass
		Outer Full	19.57	/	/	16.32	/	/	<=34.77	Pass
		Inner Full	22.93	/	/	19.68	/	/	<=34.77	Pass
	690.5	Inner 1RB Left	23.22	/	/	19.97	/	/	<=34.77	Pass
		Inner 1RB Right	22.79	/	/	19.54	/	/	<=34.77	Pass
		Edge 1RB Left	21.62	/	/	18.37	/	/	<=34.77	Pass
		Edge 1RB Right	21.47	/	/	18.22	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	670.5	Outer Full	18.98	/	/	15.73	/	/	<=34.77	Pass
		Inner Full	22.55	/	/	19.30	/	/	<=34.77	Pass
		Inner 1RB Left	22.67	/	/	19.42	/	/	<=34.77	Pass
		Inner 1RB Right	22.46	/	/	19.21	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.09	/	/	17.84	/	/	<=34.77	Pass
		Edge 1RB Right	20.85	/	/	17.60	/	/	<=34.77	Pass
		Outer Full	18.81	/	/	15.56	/	/	<=34.77	Pass
		Inner Full	22.02	/	/	18.77	/	/	<=34.77	Pass
	690.5	Inner 1RB Left	22.18	/	/	18.93	/	/	<=34.77	Pass
		Inner 1RB Right	21.88	/	/	18.63	/	/	<=34.77	Pass
		Edge 1RB Left	21.28	/	/	18.03	/	/	<=34.77	Pass
		Edge 1RB Right	21.36	/	/	18.11	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	670.5	Outer Full	18.53	/	/	15.28	/	/	<=34.77	Pass
		Inner Full	22.02	/	/	18.77	/	/	<=34.77	Pass
		Inner 1RB Left	21.98	/	/	18.73	/	/	<=34.77	Pass
		Inner 1RB Right	22.26	/	/	19.01	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.26	/	/	18.01	/	/	<=34.77	Pass
		Edge 1RB Right	20.86	/	/	17.61	/	/	<=34.77	Pass
		Outer Full	18.60	/	/	15.35	/	/	<=34.77	Pass
		Inner Full	21.09	/	/	17.84	/	/	<=34.77	Pass
	690.5	Inner 1RB Left	21.06	/	/	17.81	/	/	<=34.77	Pass
		Inner 1RB Right	20.96	/	/	17.71	/	/	<=34.77	Pass
		Edge 1RB Left	20.67	/	/	17.42	/	/	<=34.77	Pass
		Edge 1RB Right	20.27	/	/	17.02	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	670.5	Outer Full	18.03	/	/	14.78	/	/	<=34.77	Pass
		Inner Full	20.48	/	/	17.23	/	/	<=34.77	Pass
		Inner 1RB Left	20.56	/	/	17.31	/	/	<=34.77	Pass
		Inner 1RB Right	20.29	/	/	17.04	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.45	/	/	17.20	/	/	<=34.77	Pass
		Edge 1RB Right	20.45	/	/	17.20	/	/	<=34.77	Pass
		Outer Full	18.03	/	/	14.78	/	/	<=34.77	Pass
		Inner Full	20.48	/	/	17.23	/	/	<=34.77	Pass
	690.5	Inner 1RB Left	20.56	/	/	17.31	/	/	<=34.77	Pass
		Inner 1RB Right	20.29	/	/	17.04	/	/	<=34.77	Pass
		Edge 1RB Left	20.45	/	/	17.20	/	/	<=34.77	Pass
		Edge 1RB Right	20.45	/	/	17.20	/	/	<=34.77	Pass

		Edge 1RB Right	20.88	/	/	17.63	/	/	<=34.77	Pass
		Outer Full	18.00	/	/	14.75	/	/	<=34.77	Pass
		Inner Full	20.29	/	/	17.04	/	/	<=34.77	Pass
		Inner 1RB Left	20.71	/	/	17.46	/	/	<=34.77	Pass
		Inner 1RB Right	20.67	/	/	17.42	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	670.5	Edge 1RB Left	18.20	/	/	14.95	/	/	<=34.77	Pass
		Edge 1RB Right	18.12	/	/	14.87	/	/	<=34.77	Pass
		Outer Full	15.53	/	/	12.28	/	/	<=34.77	Pass
		Inner Full	18.51	/	/	15.26	/	/	<=34.77	Pass
		Inner 1RB Left	18.18	/	/	14.93	/	/	<=34.77	Pass
		Inner 1RB Right	18.15	/	/	14.90	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	18.01	/	/	14.76	/	/	<=34.77	Pass
		Edge 1RB Right	17.75	/	/	14.50	/	/	<=34.77	Pass
		Outer Full	15.20	/	/	11.95	/	/	<=34.77	Pass
		Inner Full	18.36	/	/	15.11	/	/	<=34.77	Pass
		Inner 1RB Left	17.89	/	/	14.64	/	/	<=34.77	Pass
		Inner 1RB Right	17.62	/	/	14.37	/	/	<=34.77	Pass
	690.5	Edge 1RB Left	18.09	/	/	14.84	/	/	<=34.77	Pass
		Edge 1RB Right	17.84	/	/	14.59	/	/	<=34.77	Pass
		Outer Full	15.31	/	/	12.06	/	/	<=34.77	Pass
		Inner Full	17.99	/	/	14.74	/	/	<=34.77	Pass
		Inner 1RB Left	17.98	/	/	14.73	/	/	<=34.77	Pass
		Inner 1RB Right	17.73	/	/	14.48	/	/	<=34.77	Pass
CP-OFDM QPSK	670.5	Edge 1RB Left	20.69	/	/	17.44	/	/	<=34.77	Pass
		Edge 1RB Right	20.54	/	/	17.29	/	/	<=34.77	Pass
		Outer Full	20.60	/	/	17.35	/	/	<=34.77	Pass
		Inner Full	21.87	/	/	18.62	/	/	<=34.77	Pass
		Inner 1RB Left	22.20	/	/	18.95	/	/	<=34.77	Pass
		Inner 1RB Right	22.17	/	/	18.92	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.42	/	/	17.17	/	/	<=34.77	Pass
		Edge 1RB Right	20.20	/	/	16.95	/	/	<=34.77	Pass
		Outer Full	20.38	/	/	17.13	/	/	<=34.77	Pass
		Inner Full	21.59	/	/	18.34	/	/	<=34.77	Pass
		Inner 1RB Left	21.80	/	/	18.55	/	/	<=34.77	Pass
		Inner 1RB Right	21.40	/	/	18.15	/	/	<=34.77	Pass
	690.5	Edge 1RB Left	20.08	/	/	16.83	/	/	<=34.77	Pass
		Edge 1RB Right	20.08	/	/	16.83	/	/	<=34.77	Pass
		Outer Full	19.88	/	/	16.63	/	/	<=34.77	Pass
		Inner Full	21.39	/	/	18.14	/	/	<=34.77	Pass
		Inner 1RB Left	21.57	/	/	18.32	/	/	<=34.77	Pass
		Inner 1RB Right	21.37	/	/	18.12	/	/	<=34.77	Pass
CP-OFDM 16 QAM	670.5	Edge 1RB Left	20.33	/	/	17.08	/	/	<=34.77	Pass
		Edge 1RB Right	20.17	/	/	16.92	/	/	<=34.77	Pass
		Outer Full	17.90	/	/	14.65	/	/	<=34.77	Pass
		Inner Full	21.43	/	/	18.18	/	/	<=34.77	Pass
		Inner 1RB Left	21.71	/	/	18.46	/	/	<=34.77	Pass
		Inner 1RB Right	21.40	/	/	18.15	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.54	/	/	17.29	/	/	<=34.77	Pass
		Edge 1RB Right	20.15	/	/	16.90	/	/	<=34.77	Pass
		Outer Full	18.10	/	/	14.85	/	/	<=34.77	Pass
		Inner Full	21.25	/	/	18.00	/	/	<=34.77	Pass
		Inner 1RB Left	21.45	/	/	18.20	/	/	<=34.77	Pass
		Inner 1RB Right	21.04	/	/	17.79	/	/	<=34.77	Pass

	690.5	Edge_1RB_Left	19.97	/	/	16.72	/	/	<=34.77	Pass
		Edge_1RB_Right	19.82	/	/	16.57	/	/	<=34.77	Pass
		Outer_Full	17.70	/	/	14.45	/	/	<=34.77	Pass
		Inner_Full	20.69	/	/	17.44	/	/	<=34.77	Pass
		Inner_1RB_Left	21.07	/	/	17.82	/	/	<=34.77	Pass
		Inner_1RB_Right	20.92	/	/	17.67	/	/	<=34.77	Pass
CP-OFDM 64 QAM	670.5	Edge_1RB_Left	19.83	/	/	16.58	/	/	<=34.77	Pass
		Edge_1RB_Right	19.57	/	/	16.32	/	/	<=34.77	Pass
		Outer_Full	17.45	/	/	14.20	/	/	<=34.77	Pass
		Inner_Full	19.93	/	/	16.68	/	/	<=34.77	Pass
		Inner_1RB_Left	20.17	/	/	16.92	/	/	<=34.77	Pass
		Inner_1RB_Right	19.73	/	/	16.48	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.04	/	/	16.79	/	/	<=34.77	Pass
		Edge_1RB_Right	19.52	/	/	16.27	/	/	<=34.77	Pass
		Outer_Full	17.46	/	/	14.21	/	/	<=34.77	Pass
		Inner_Full	19.63	/	/	16.38	/	/	<=34.77	Pass
		Inner_1RB_Left	19.94	/	/	16.69	/	/	<=34.77	Pass
		Inner_1RB_Right	19.74	/	/	16.49	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	19.47	/	/	16.22	/	/	<=34.77	Pass
		Edge_1RB_Right	19.41	/	/	16.16	/	/	<=34.77	Pass
		Outer_Full	17.17	/	/	13.92	/	/	<=34.77	Pass
		Inner_Full	19.34	/	/	16.09	/	/	<=34.77	Pass
		Inner_1RB_Left	19.58	/	/	16.33	/	/	<=34.77	Pass
		Inner_1RB_Right	19.44	/	/	16.19	/	/	<=34.77	Pass
CP-OFDM 256 QAM	670.5	Edge_1RB_Left	16.11	/	/	12.86	/	/	<=34.77	Pass
		Edge_1RB_Right	16.26	/	/	13.01	/	/	<=34.77	Pass
		Outer_Full	14.03	/	/	10.78	/	/	<=34.77	Pass
		Inner_Full	16.46	/	/	13.21	/	/	<=34.77	Pass
		Inner_1RB_Left	16.35	/	/	13.10	/	/	<=34.77	Pass
		Inner_1RB_Right	16.34	/	/	13.09	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	16.12	/	/	12.87	/	/	<=34.77	Pass
		Edge_1RB_Right	15.85	/	/	12.60	/	/	<=34.77	Pass
		Outer_Full	14.77	/	/	11.52	/	/	<=34.77	Pass
		Inner_Full	16.26	/	/	13.01	/	/	<=34.77	Pass
		Inner_1RB_Left	16.22	/	/	12.97	/	/	<=34.77	Pass
		Inner_1RB_Right	15.93	/	/	12.68	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	16.04	/	/	12.79	/	/	<=34.77	Pass
		Edge_1RB_Right	15.79	/	/	12.54	/	/	<=34.77	Pass
		Outer_Full	14.09	/	/	10.84	/	/	<=34.77	Pass
		Inner_Full	15.94	/	/	12.69	/	/	<=34.77	Pass
		Inner_1RB_Left	15.95	/	/	12.70	/	/	<=34.77	Pass
		Inner_1RB_Right	15.77	/	/	12.52	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: -1.10dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.4 15_S_20M_NTNV_ERP

5G NR n71 SCS=15kHz SISO 20MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2	673	Edge_1RB_Left	22.74	/	/	19.49	/	/	<=34.77	Pass

BPSK		Edge_1RB_Right	22.35	/	/	19.10	/	/	<=34.77	Pass
		Outer_Full	22.60	/	/	19.35	/	/	<=34.77	Pass
		Inner_Full	23.13	/	/	19.88	/	/	<=34.77	Pass
		Inner_1RB_Left	23.28	/	/	20.03	/	/	<=34.77	Pass
	680.5	Inner_1RB_Right	22.86	/	/	19.61	/	/	<=34.77	Pass
		Edge_1RB_Left	22.89	/	/	19.64	/	/	<=34.77	Pass
		Edge_1RB_Right	22.36	/	/	19.11	/	/	<=34.77	Pass
		Outer_Full	22.81	/	/	19.56	/	/	<=34.77	Pass
	688	Inner_Full	23.33	/	/	20.08	/	/	<=34.77	Pass
		Inner_1RB_Left	23.51	/	/	20.26	/	/	<=34.77	Pass
		Inner_1RB_Right	23.01	/	/	19.76	/	/	<=34.77	Pass
		Edge_1RB_Left	22.40	/	/	19.15	/	/	<=34.77	Pass
		Edge_1RB_Right	22.11	/	/	18.86	/	/	<=34.77	Pass
		Outer_Full	22.26	/	/	19.01	/	/	<=34.77	Pass
		Inner_Full	22.86	/	/	19.61	/	/	<=34.77	Pass
		Inner_1RB_Left	23.06	/	/	19.81	/	/	<=34.77	Pass
		Inner_1RB_Right	22.78	/	/	19.53	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	673	Edge_1RB_Left	22.33	/	/	19.08	/	/	<=34.77	Pass
		Edge_1RB_Right	21.71	/	/	18.46	/	/	<=34.77	Pass
		Outer_Full	19.83	/	/	16.58	/	/	<=34.77	Pass
		Inner_Full	23.53	/	/	20.28	/	/	<=34.77	Pass
	680.5	Inner_1RB_Left	23.30	/	/	20.05	/	/	<=34.77	Pass
		Inner_1RB_Right	23.02	/	/	19.77	/	/	<=34.77	Pass
		Edge_1RB_Left	22.23	/	/	18.98	/	/	<=34.77	Pass
		Edge_1RB_Right	21.82	/	/	18.57	/	/	<=34.77	Pass
	688	Outer_Full	20.09	/	/	16.84	/	/	<=34.77	Pass
		Inner_Full	23.25	/	/	20.00	/	/	<=34.77	Pass
		Inner_1RB_Left	23.53	/	/	20.28	/	/	<=34.77	Pass
		Inner_1RB_Right	22.86	/	/	19.61	/	/	<=34.77	Pass
		Edge_1RB_Left	22.03	/	/	18.78	/	/	<=34.77	Pass
		Edge_1RB_Right	21.64	/	/	18.39	/	/	<=34.77	Pass
		Outer_Full	19.59	/	/	16.34	/	/	<=34.77	Pass
		Inner_Full	23.16	/	/	19.91	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	673	Inner_1RB_Left	23.23	/	/	19.98	/	/	<=34.77	Pass
		Inner_1RB_Right	23.10	/	/	19.85	/	/	<=34.77	Pass
		Edge_1RB_Left	21.48	/	/	18.23	/	/	<=34.77	Pass
		Edge_1RB_Right	21.32	/	/	18.07	/	/	<=34.77	Pass
	680.5	Outer_Full	19.32	/	/	16.07	/	/	<=34.77	Pass
		Inner_Full	22.25	/	/	19.00	/	/	<=34.77	Pass
		Inner_1RB_Left	22.61	/	/	19.36	/	/	<=34.77	Pass
		Inner_1RB_Right	22.28	/	/	19.03	/	/	<=34.77	Pass
	688	Edge_1RB_Left	21.21	/	/	17.96	/	/	<=34.77	Pass
		Edge_1RB_Right	20.76	/	/	17.51	/	/	<=34.77	Pass
		Outer_Full	18.87	/	/	15.62	/	/	<=34.77	Pass
		Inner_Full	21.98	/	/	18.73	/	/	<=34.77	Pass
		Inner_1RB_Left	22.32	/	/	19.07	/	/	<=34.77	Pass
		Inner_1RB_Right	21.96	/	/	18.71	/	/	<=34.77	Pass
		Edge_1RB_Left	21.15	/	/	17.90	/	/	<=34.77	Pass
		Edge_1RB_Right	20.78	/	/	17.53	/	/	<=34.77	Pass
	688	Outer_Full	18.95	/	/	15.70	/	/	<=34.77	Pass
		Inner_Full	21.81	/	/	18.56	/	/	<=34.77	Pass
		Inner_1RB_Left	22.25	/	/	19.00	/	/	<=34.77	Pass
		Inner_1RB_Right	21.93	/	/	18.68	/	/	<=34.77	Pass

DFT-s-OFDM 64 QAM	673	Edge_1RB_Left	20.59	/	/	17.34	/	/	<=34.77	Pass
		Edge_1RB_Right	20.36	/	/	17.11	/	/	<=34.77	Pass
		Outer_Full	18.13	/	/	14.88	/	/	<=34.77	Pass
		Inner_Full	20.47	/	/	17.22	/	/	<=34.77	Pass
		Inner_1RB_Left	20.70	/	/	17.45	/	/	<=34.77	Pass
		Inner_1RB_Right	20.45	/	/	17.20	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.83	/	/	17.58	/	/	<=34.77	Pass
		Edge_1RB_Right	20.47	/	/	17.22	/	/	<=34.77	Pass
		Outer_Full	18.04	/	/	14.79	/	/	<=34.77	Pass
		Inner_Full	20.46	/	/	17.21	/	/	<=34.77	Pass
		Inner_1RB_Left	20.93	/	/	17.68	/	/	<=34.77	Pass
		Inner_1RB_Right	20.54	/	/	17.29	/	/	<=34.77	Pass
	688	Edge_1RB_Left	20.68	/	/	17.43	/	/	<=34.77	Pass
		Edge_1RB_Right	20.22	/	/	16.97	/	/	<=34.77	Pass
		Outer_Full	18.11	/	/	14.86	/	/	<=34.77	Pass
		Inner_Full	20.25	/	/	17.00	/	/	<=34.77	Pass
		Inner_1RB_Left	20.78	/	/	17.53	/	/	<=34.77	Pass
		Inner_1RB_Right	20.45	/	/	17.20	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	673	Edge_1RB_Left	17.90	/	/	14.65	/	/	<=34.77	Pass
		Edge_1RB_Right	17.69	/	/	14.44	/	/	<=34.77	Pass
		Outer_Full	14.77	/	/	11.52	/	/	<=34.77	Pass
		Inner_Full	18.20	/	/	14.95	/	/	<=34.77	Pass
		Inner_1RB_Left	17.88	/	/	14.63	/	/	<=34.77	Pass
		Inner_1RB_Right	17.82	/	/	14.57	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	18.02	/	/	14.77	/	/	<=34.77	Pass
		Edge_1RB_Right	17.69	/	/	14.44	/	/	<=34.77	Pass
		Outer_Full	15.36	/	/	12.11	/	/	<=34.77	Pass
		Inner_Full	18.14	/	/	14.89	/	/	<=34.77	Pass
		Inner_1RB_Left	17.80	/	/	14.55	/	/	<=34.77	Pass
		Inner_1RB_Right	17.67	/	/	14.42	/	/	<=34.77	Pass
	688	Edge_1RB_Left	17.75	/	/	14.50	/	/	<=34.77	Pass
		Edge_1RB_Right	17.67	/	/	14.42	/	/	<=34.77	Pass
		Outer_Full	14.80	/	/	11.55	/	/	<=34.77	Pass
		Inner_Full	18.04	/	/	14.79	/	/	<=34.77	Pass
		Inner_1RB_Left	18.02	/	/	14.77	/	/	<=34.77	Pass
		Inner_1RB_Right	17.72	/	/	14.47	/	/	<=34.77	Pass
CP-OFDM QPSK	673	Edge_1RB_Left	20.22	/	/	16.97	/	/	<=34.77	Pass
		Edge_1RB_Right	19.95	/	/	16.70	/	/	<=34.77	Pass
		Outer_Full	20.21	/	/	16.96	/	/	<=34.77	Pass
		Inner_Full	21.63	/	/	18.38	/	/	<=34.77	Pass
		Inner_1RB_Left	21.77	/	/	18.52	/	/	<=34.77	Pass
		Inner_1RB_Right	21.47	/	/	18.22	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.36	/	/	17.11	/	/	<=34.77	Pass
		Edge_1RB_Right	19.73	/	/	16.48	/	/	<=34.77	Pass
		Outer_Full	19.97	/	/	16.72	/	/	<=34.77	Pass
		Inner_Full	21.50	/	/	18.25	/	/	<=34.77	Pass
		Inner_1RB_Left	21.76	/	/	18.51	/	/	<=34.77	Pass
		Inner_1RB_Right	21.34	/	/	18.09	/	/	<=34.77	Pass
	688	Edge_1RB_Left	20.05	/	/	16.80	/	/	<=34.77	Pass
		Edge_1RB_Right	19.71	/	/	16.46	/	/	<=34.77	Pass
		Outer_Full	19.79	/	/	16.54	/	/	<=34.77	Pass
		Inner_Full	21.40	/	/	18.15	/	/	<=34.77	Pass
		Inner_1RB_Left	21.58	/	/	18.33	/	/	<=34.77	Pass

		Inner 1RB Right	21.31	/	/	18.06	/	/	<=34.77	Pass
CP-OFDM 16 QAM	673	Edge 1RB Left	20.20	/	/	16.95	/	/	<=34.77	Pass
		Edge 1RB Right	19.96	/	/	16.71	/	/	<=34.77	Pass
		Outer Full	17.80	/	/	14.55	/	/	<=34.77	Pass
		Inner Full	21.17	/	/	17.92	/	/	<=34.77	Pass
		Inner 1RB Left	21.29	/	/	18.04	/	/	<=34.77	Pass
		Inner 1RB Right	21.06	/	/	17.81	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.14	/	/	16.89	/	/	<=34.77	Pass
		Edge 1RB Right	19.76	/	/	16.51	/	/	<=34.77	Pass
		Outer Full	17.55	/	/	14.30	/	/	<=34.77	Pass
		Inner Full	20.97	/	/	17.72	/	/	<=34.77	Pass
		Inner 1RB Left	21.16	/	/	17.91	/	/	<=34.77	Pass
		Inner 1RB Right	20.87	/	/	17.62	/	/	<=34.77	Pass
	688	Edge 1RB Left	20.05	/	/	16.80	/	/	<=34.77	Pass
		Edge 1RB Right	19.75	/	/	16.50	/	/	<=34.77	Pass
		Outer Full	17.63	/	/	14.38	/	/	<=34.77	Pass
		Inner Full	20.93	/	/	17.68	/	/	<=34.77	Pass
		Inner 1RB Left	21.17	/	/	17.92	/	/	<=34.77	Pass
		Inner 1RB Right	20.88	/	/	17.63	/	/	<=34.77	Pass
CP-OFDM 64 QAM	673	Edge 1RB Left	19.80	/	/	16.55	/	/	<=34.77	Pass
		Edge 1RB Right	19.38	/	/	16.13	/	/	<=34.77	Pass
		Outer Full	17.51	/	/	14.26	/	/	<=34.77	Pass
		Inner Full	19.54	/	/	16.29	/	/	<=34.77	Pass
		Inner 1RB Left	19.83	/	/	16.58	/	/	<=34.77	Pass
		Inner 1RB Right	19.39	/	/	16.14	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	19.64	/	/	16.39	/	/	<=34.77	Pass
		Edge 1RB Right	19.19	/	/	15.94	/	/	<=34.77	Pass
		Outer Full	17.08	/	/	13.83	/	/	<=34.77	Pass
		Inner Full	19.48	/	/	16.23	/	/	<=34.77	Pass
		Inner 1RB Left	19.71	/	/	16.46	/	/	<=34.77	Pass
		Inner 1RB Right	19.25	/	/	16.00	/	/	<=34.77	Pass
	688	Edge 1RB Left	19.49	/	/	16.24	/	/	<=34.77	Pass
		Edge 1RB Right	19.28	/	/	16.03	/	/	<=34.77	Pass
		Outer Full	17.14	/	/	13.89	/	/	<=34.77	Pass
		Inner Full	19.31	/	/	16.06	/	/	<=34.77	Pass
		Inner 1RB Left	19.72	/	/	16.47	/	/	<=34.77	Pass
		Inner 1RB Right	19.35	/	/	16.10	/	/	<=34.77	Pass
CP-OFDM 256 QAM	673	Edge 1RB Left	15.90	/	/	12.65	/	/	<=34.77	Pass
		Edge 1RB Right	15.80	/	/	12.55	/	/	<=34.77	Pass
		Outer Full	14.27	/	/	11.02	/	/	<=34.77	Pass
		Inner Full	16.10	/	/	12.85	/	/	<=34.77	Pass
		Inner 1RB Left	15.83	/	/	12.58	/	/	<=34.77	Pass
		Inner 1RB Right	15.79	/	/	12.54	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	15.83	/	/	12.58	/	/	<=34.77	Pass
		Edge 1RB Right	15.33	/	/	12.08	/	/	<=34.77	Pass
		Outer Full	14.00	/	/	10.75	/	/	<=34.77	Pass
		Inner Full	16.01	/	/	12.76	/	/	<=34.77	Pass
		Inner 1RB Left	15.62	/	/	12.37	/	/	<=34.77	Pass
		Inner 1RB Right	15.28	/	/	12.03	/	/	<=34.77	Pass
	688	Edge 1RB Left	15.84	/	/	12.59	/	/	<=34.77	Pass
		Edge 1RB Right	15.57	/	/	12.32	/	/	<=34.77	Pass
		Outer Full	13.88	/	/	10.63	/	/	<=34.77	Pass
		Inner Full	15.79	/	/	12.54	/	/	<=34.77	Pass



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		Inner_1RB_Left	15.89	/	/	12.64	/	/	<=34.77	Pass
		Inner_1RB_Right	15.53	/	/	12.28	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: -1.10dBi; 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	-2.40	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-2.80	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-3.30	-0.0048	>=-2.5 & <=2.5	Pass
			-20	NV	-3.90	-0.0057	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0065	>=-2.5 & <=2.5	Pass
			0	NV	-3.50	-0.0051	>=-2.5 & <=2.5	Pass
			10	NV	-4.30	-0.0063	>=-2.5 & <=2.5	Pass
			20	NV	-4.30	-0.0063	>=-2.5 & <=2.5	Pass
			30	NV	-3.40	-0.0050	>=-2.5 & <=2.5	Pass
			40	NV	-5.10	-0.0075	>=-2.5 & <=2.5	Pass
			50	NV	-1.80	-0.0026	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15_S_5M_NTNV

5G NR n71 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	680.5	Outer_Full	4.54	4.98	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	4.50	4.98	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	4.53	4.99	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	4.52	5.00	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	4.49	5.00	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	4.49	5.02	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	4.51	5.02	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	4.48	4.98	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	4.50	5.04	/	Pass



3.1.2 15_S_10M_NTNV

5G NR n71 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	680.5	Outer_Full	8.89	9.46	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	8.93	9.55	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	8.91	9.50	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	8.93	9.49	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	8.90	9.51	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	9.28	9.94	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	9.28	9.91	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	9.25	9.87	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	9.26	9.92	/	Pass

3.1.3 15_S_15M_NTNV

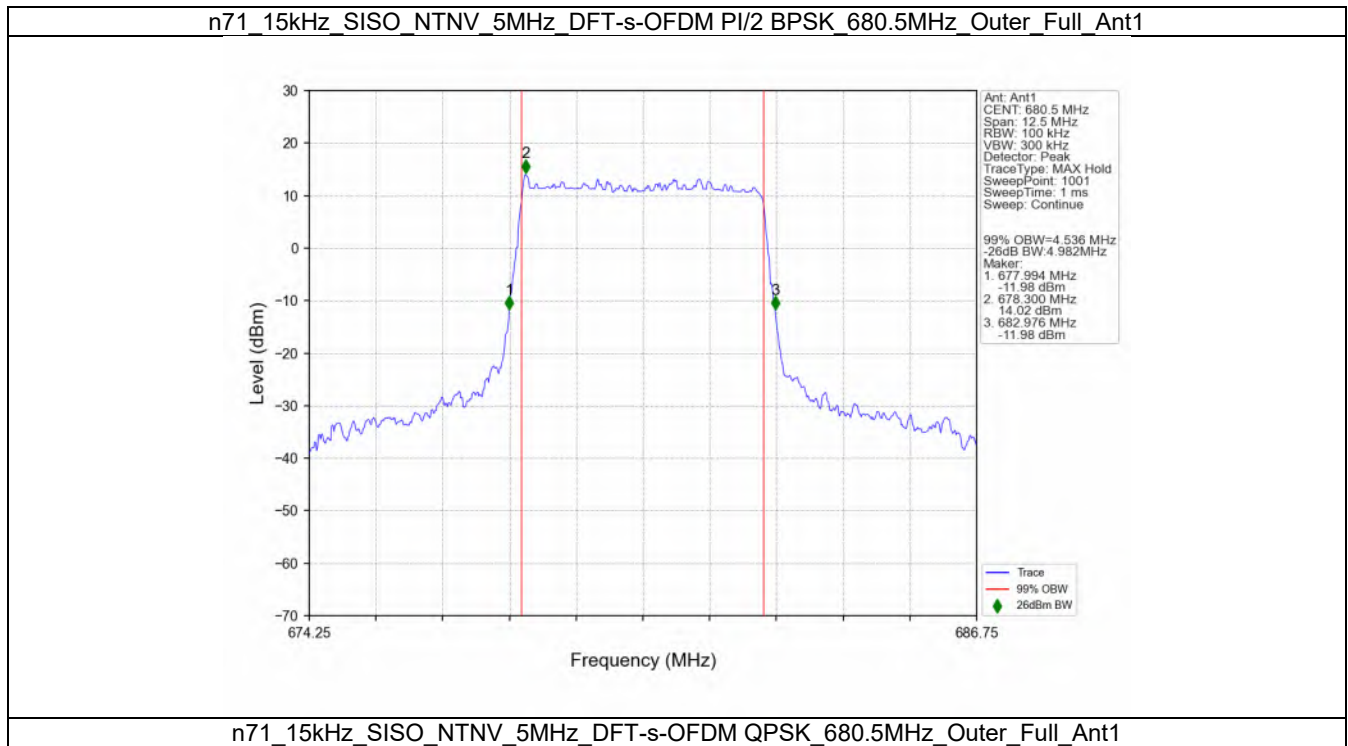
5G NR n71 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	680.5	Outer_Full	13.39	14.17	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	13.40	14.24	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	13.41	14.27	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	13.37	14.23	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	13.41	14.12	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	14.07	14.85	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	14.06	14.85	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	14.07	14.83	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	14.06	14.87	/	Pass

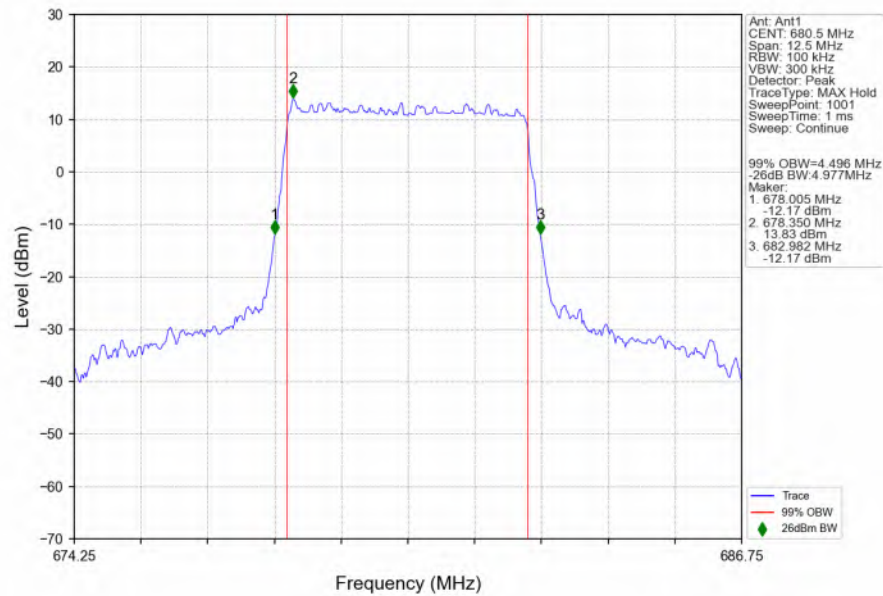
3.1.4 15_S_20M_NTNV

5G NR n71 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	680.5	Outer_Full	17.84	18.64	/	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	17.80	18.69	/	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	17.79	18.66	/	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	17.84	18.74	/	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	17.79	18.69	/	Pass
CP-OFDM QPSK	680.5	Outer_Full	18.85	19.80	/	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	18.86	19.79	/	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	18.87	19.75	/	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	18.88	19.83	/	Pass

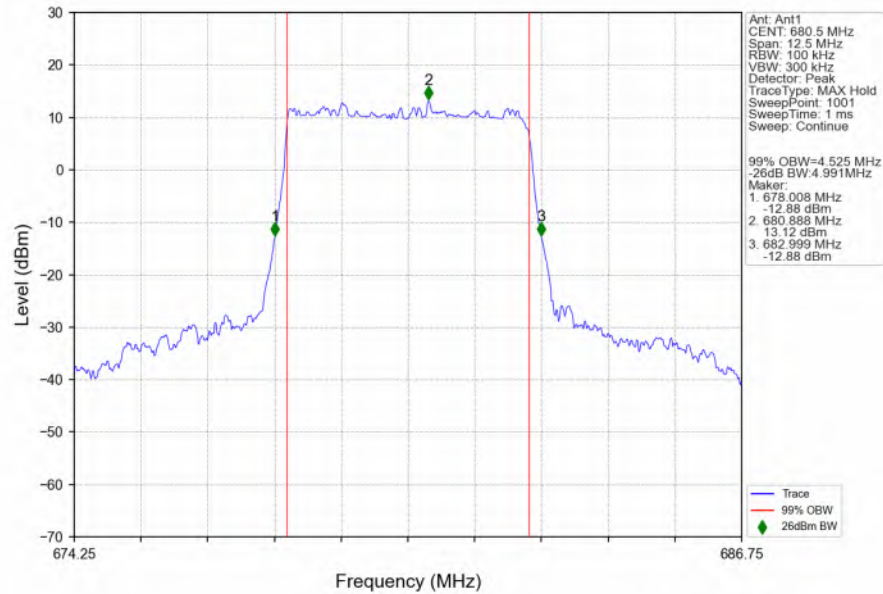
3.2 Test Graph

3.2.1 15_S_5M_NTNV

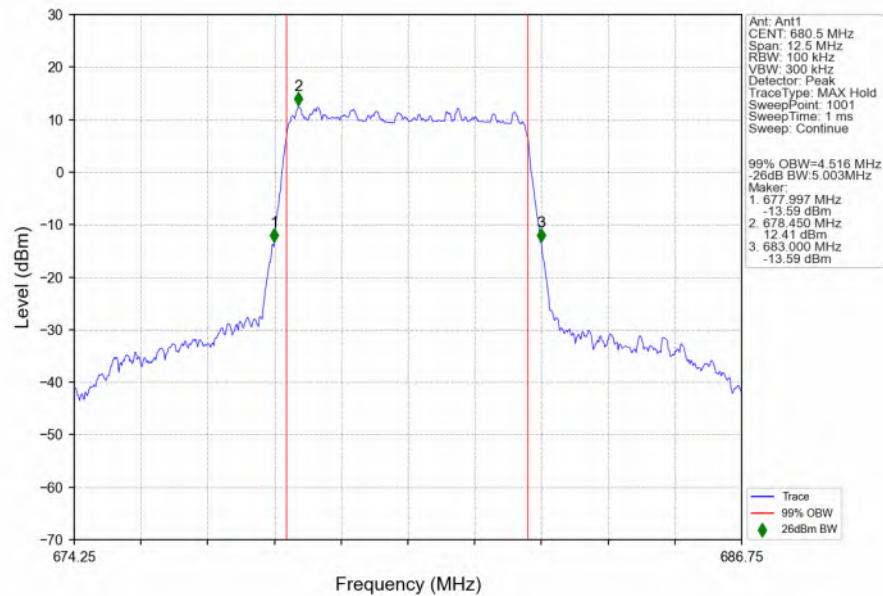




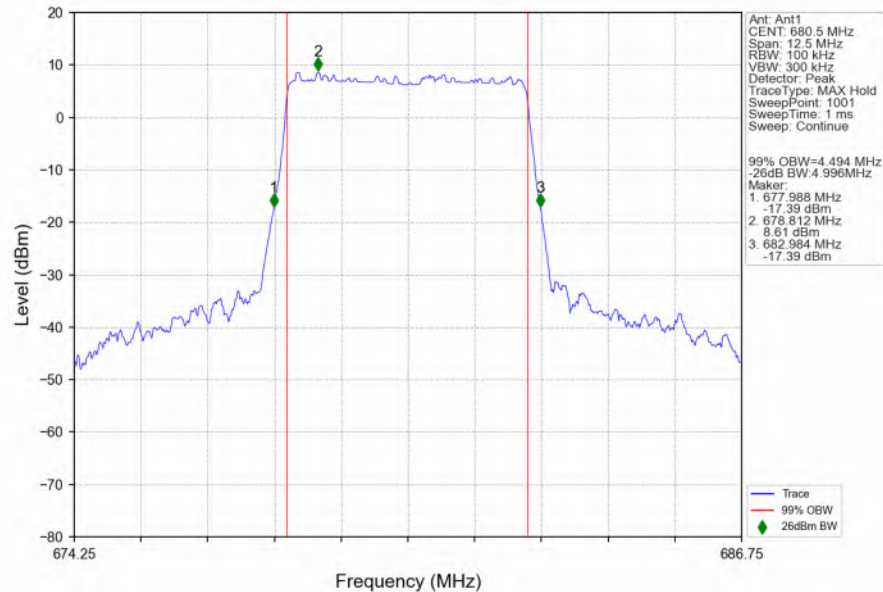
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM 680.5MHz_Outer_Full_Ant1



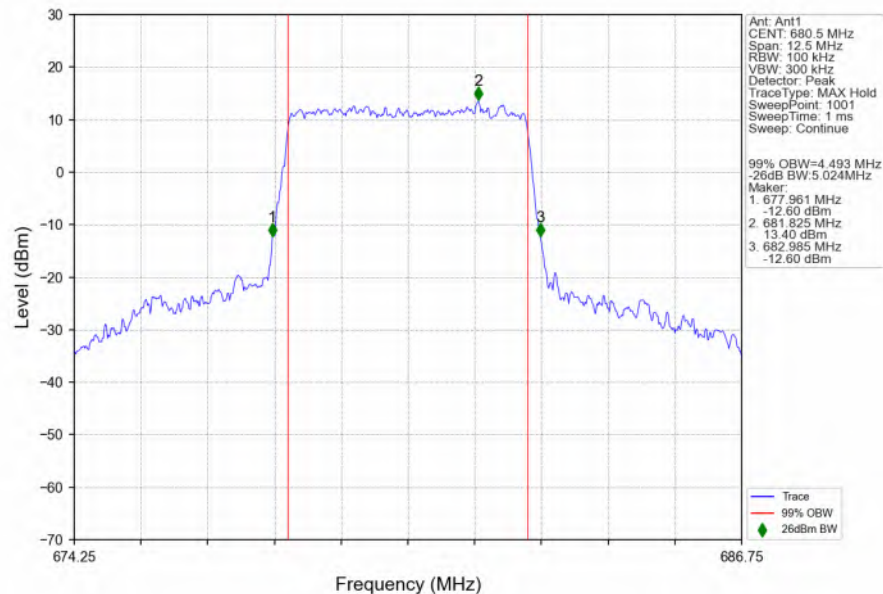
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM 680.5MHz_Outer_Full_Ant1



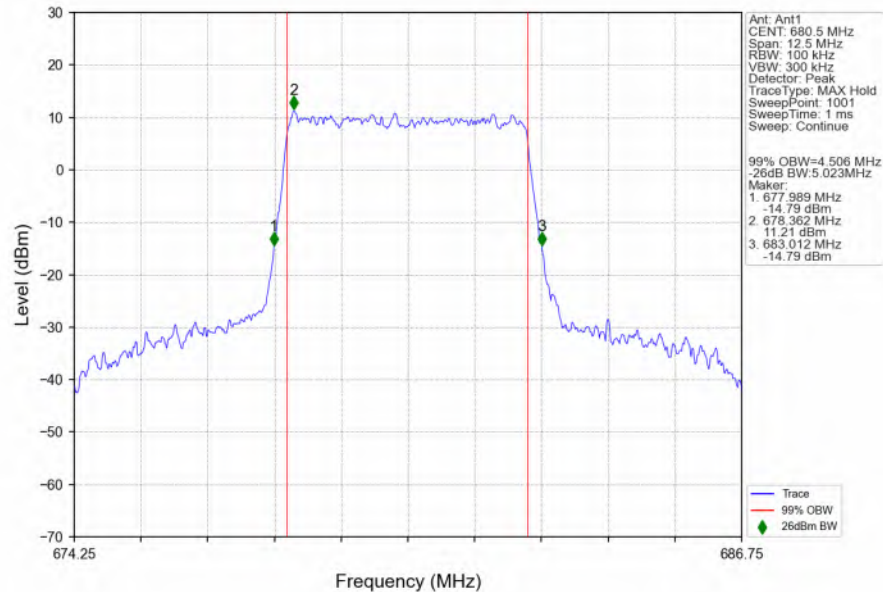
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_680.5MHz_Outer_Full_Ant1



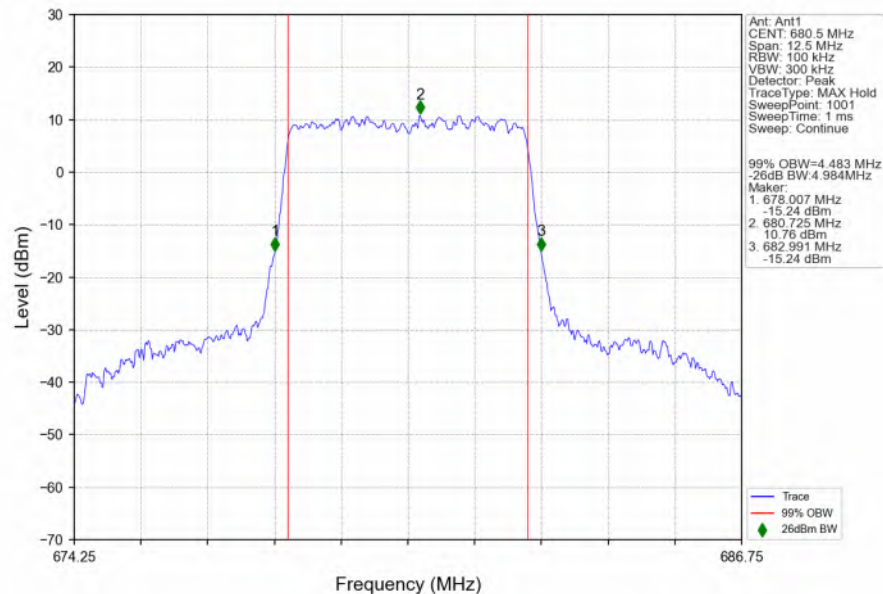
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_680.5MHz_Outer_Full_Ant1



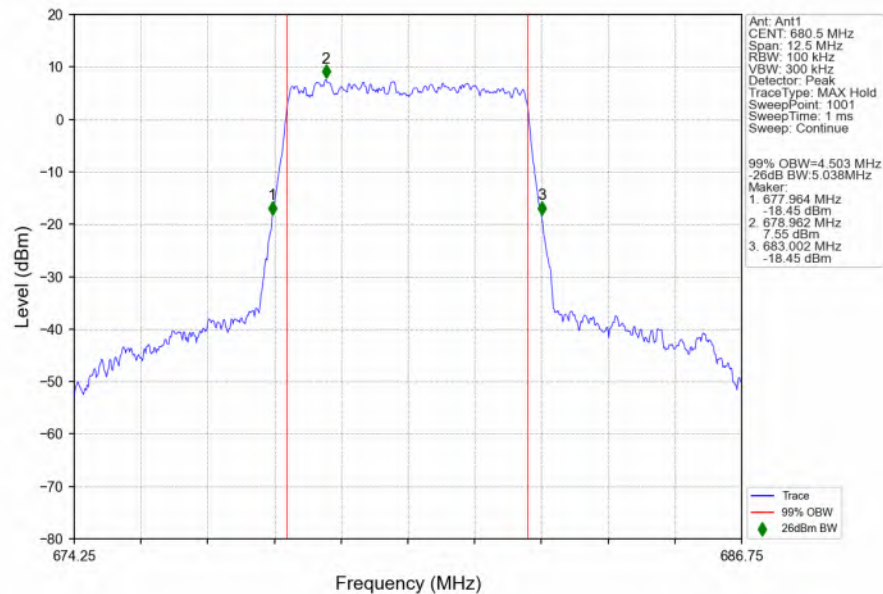
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 680.5MHz_Outer_Full_Ant1



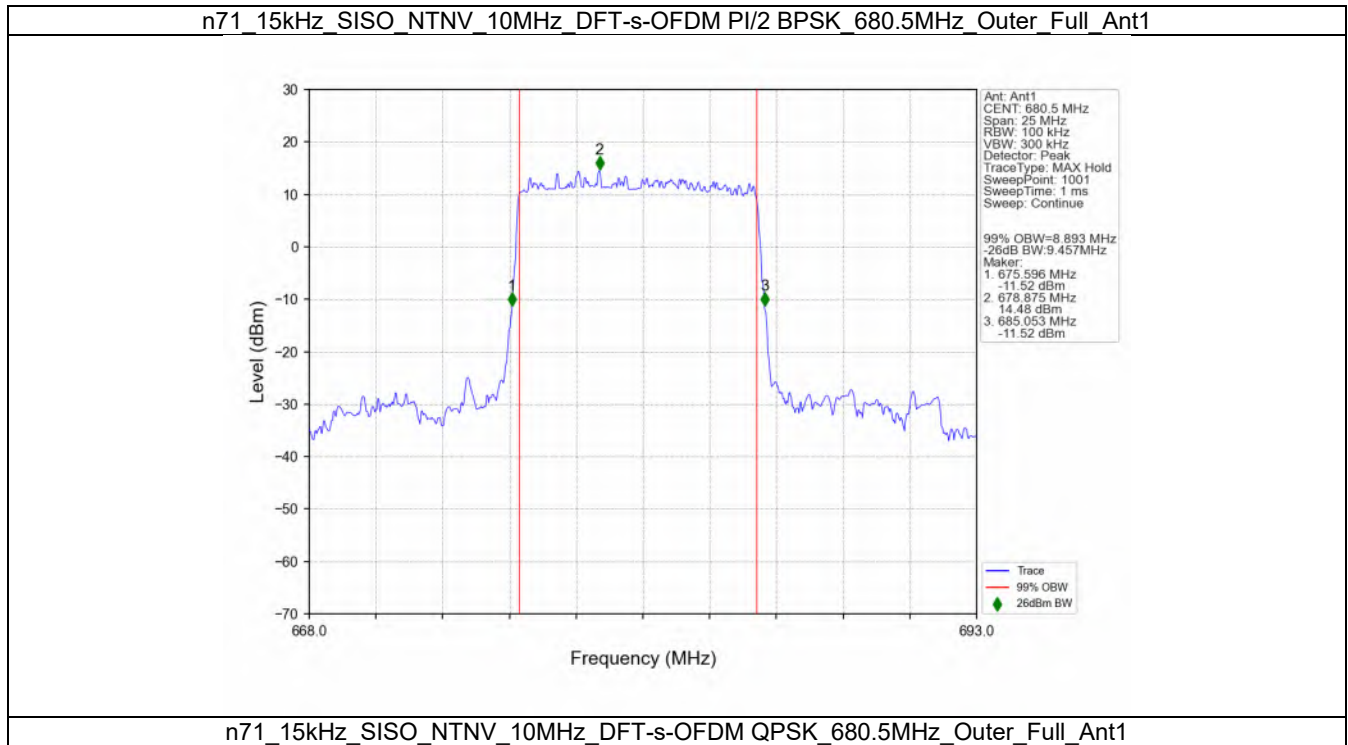
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 680.5MHz_Outer_Full_Ant1

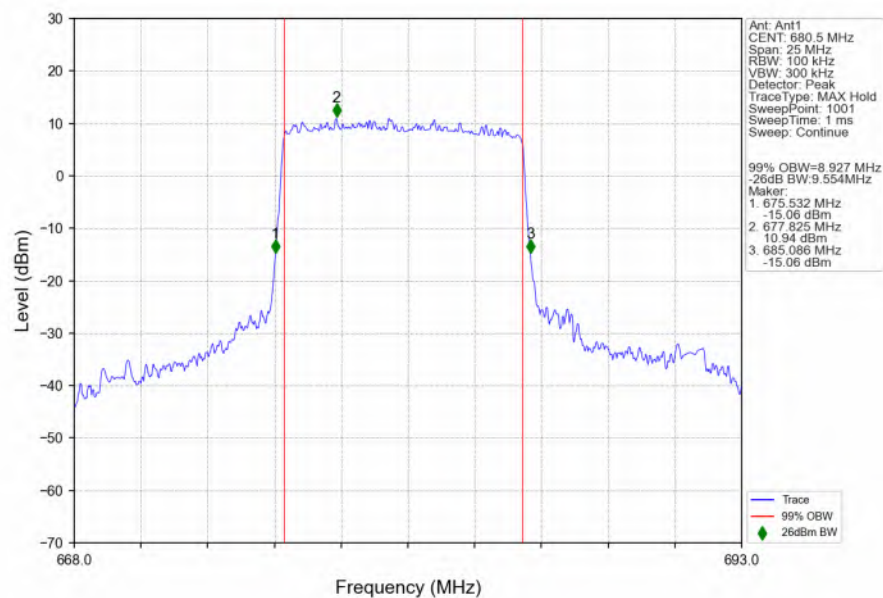


n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_680.5MHz_Outer_Full_Ant1

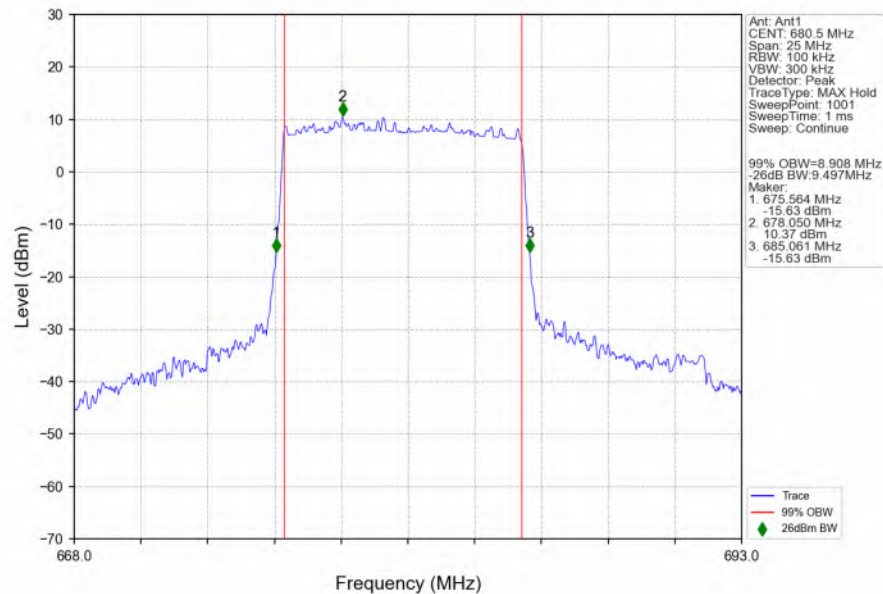


3.2.2 15_S_10M_NTNV

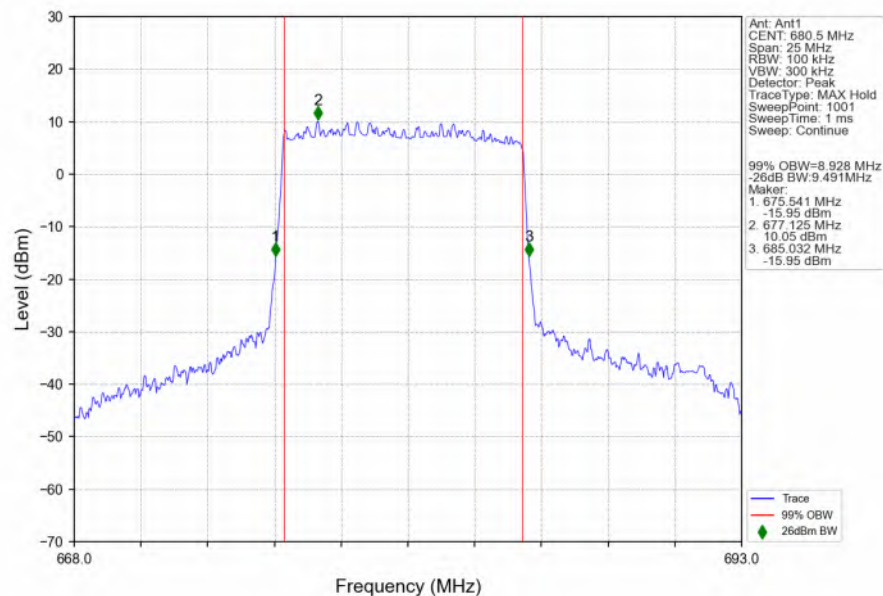




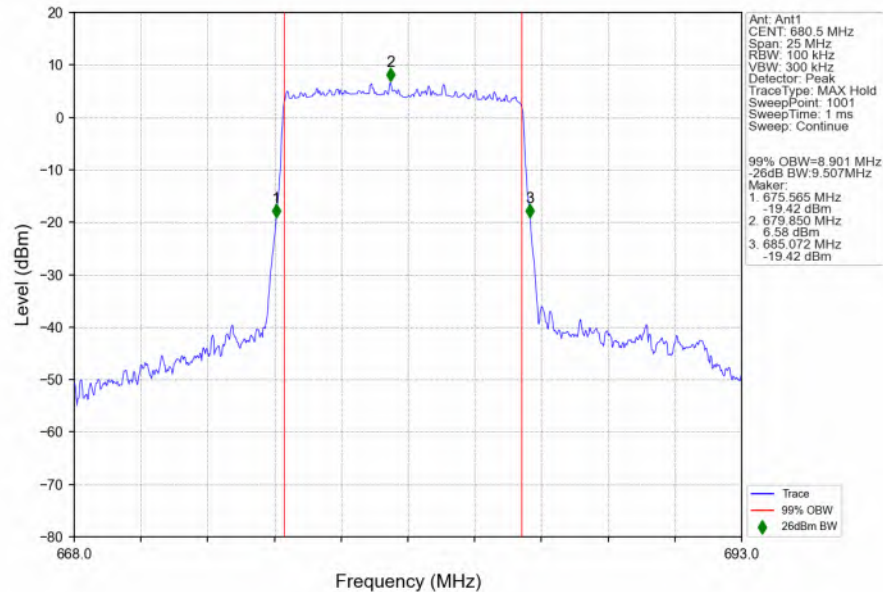
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_680.5MHz_Outer_Full_Ant1



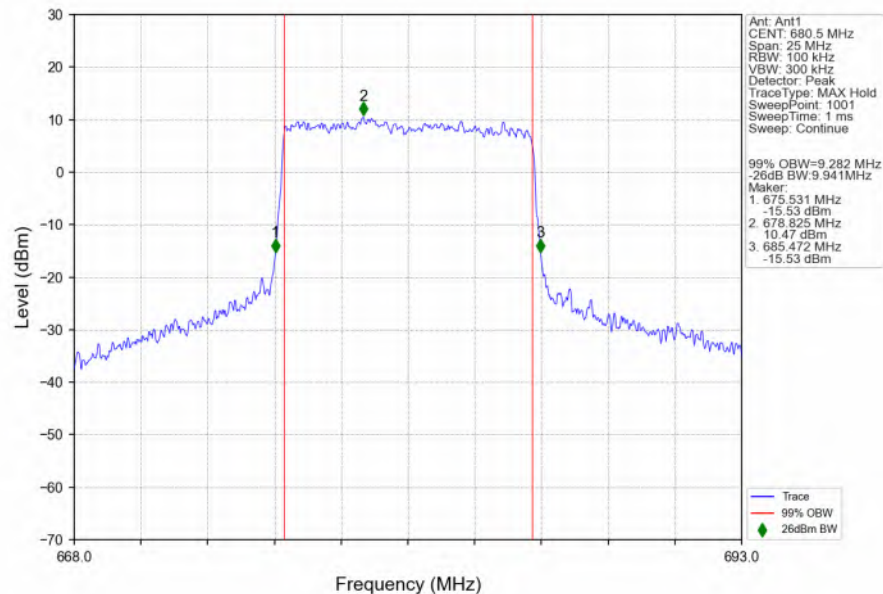
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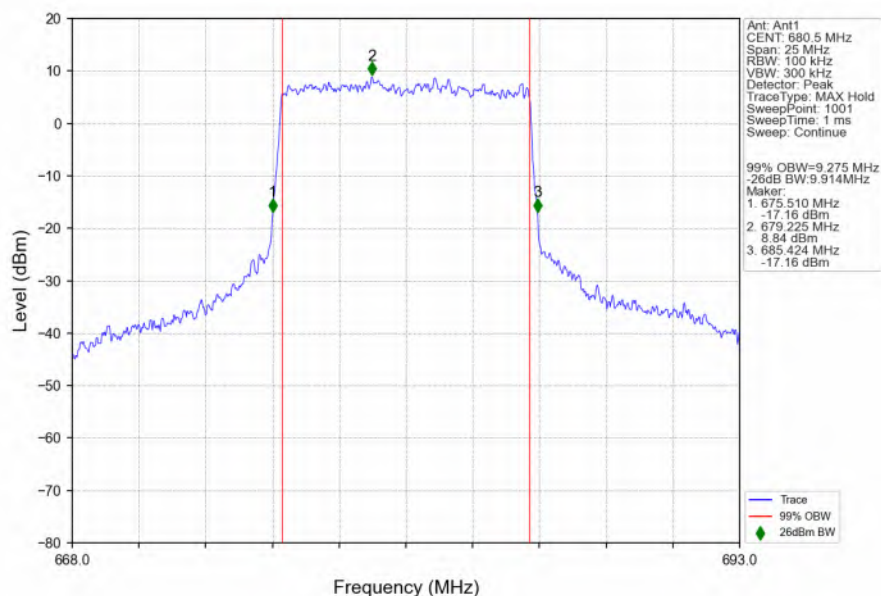
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_680.5MHz_Outer_Full_Ant1



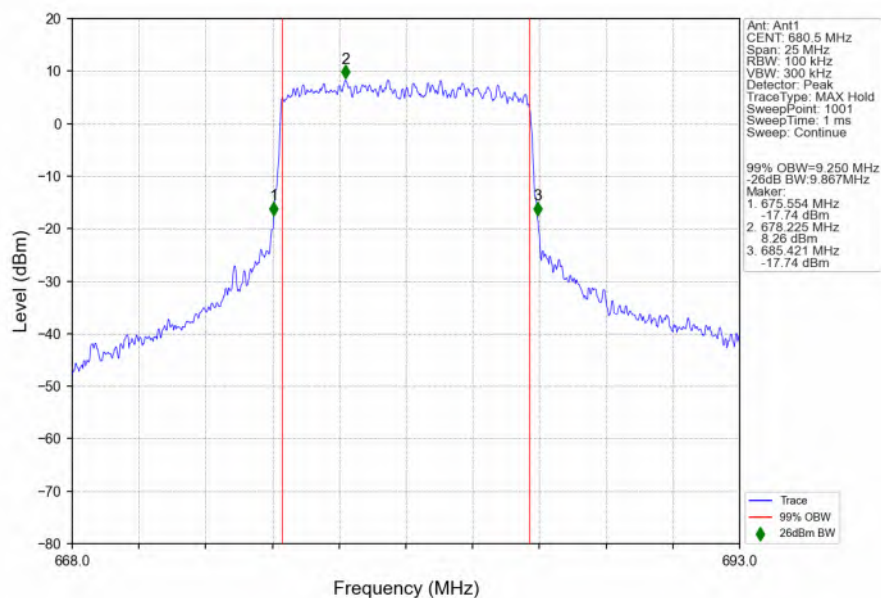
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_680.5MHz_Outer_Full_Ant1



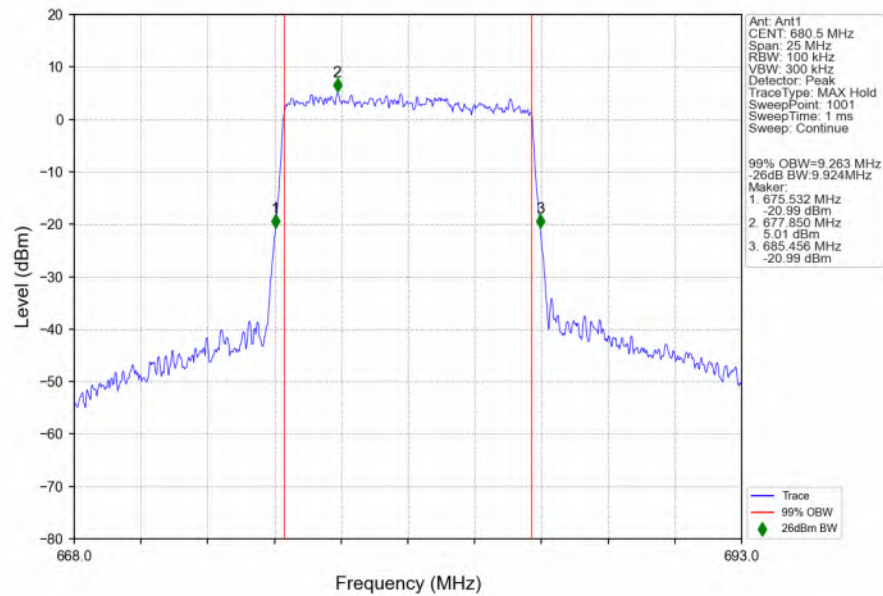
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_680.5MHz_Outer_Full_Ant1



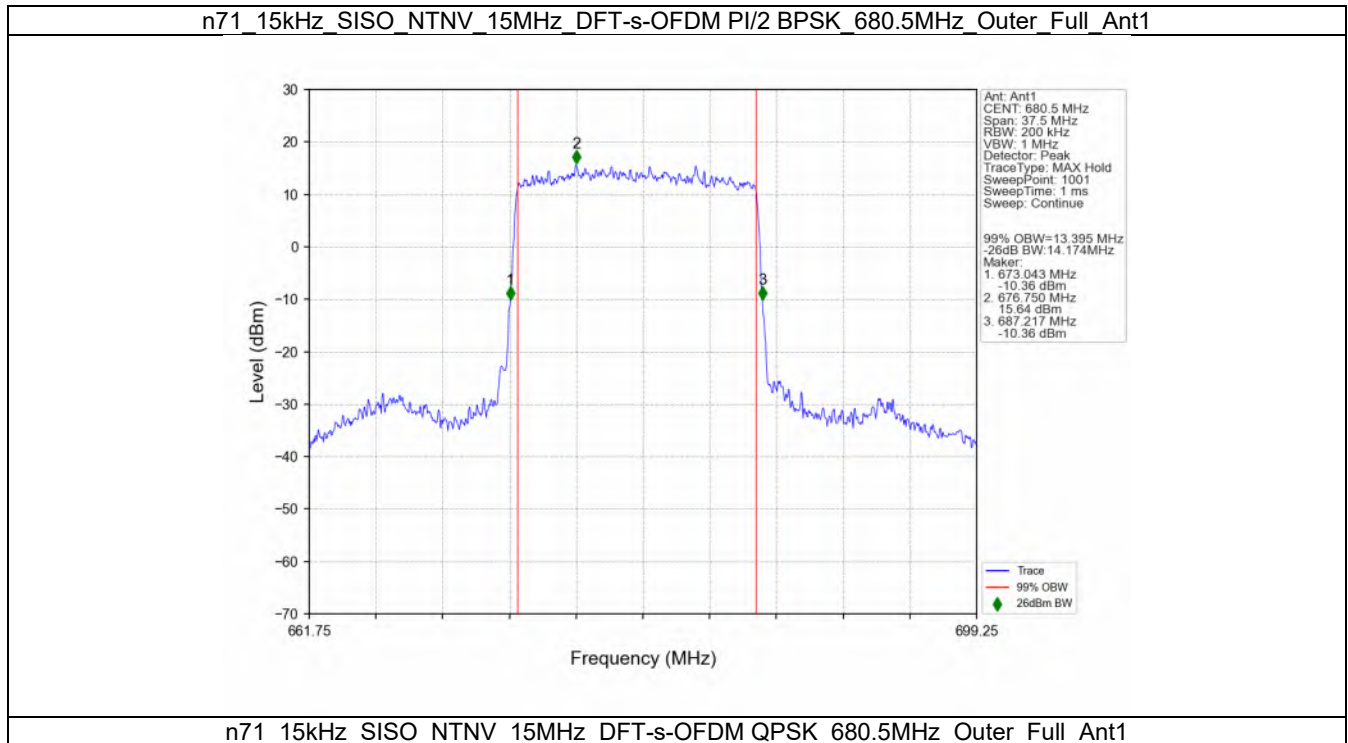
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_680.5MHz_Outer_Full_Ant1

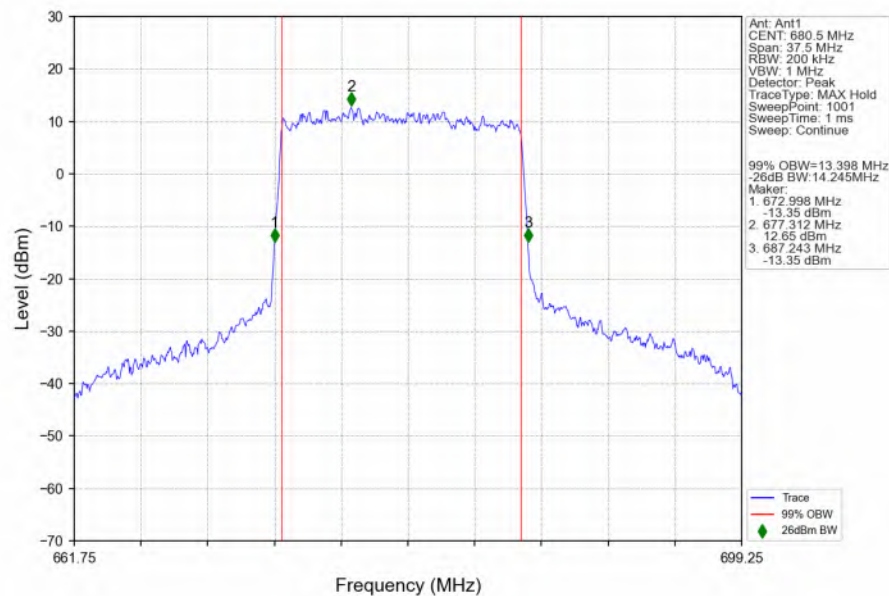


n71_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_680.5MHz_Outer_Full_Ant1

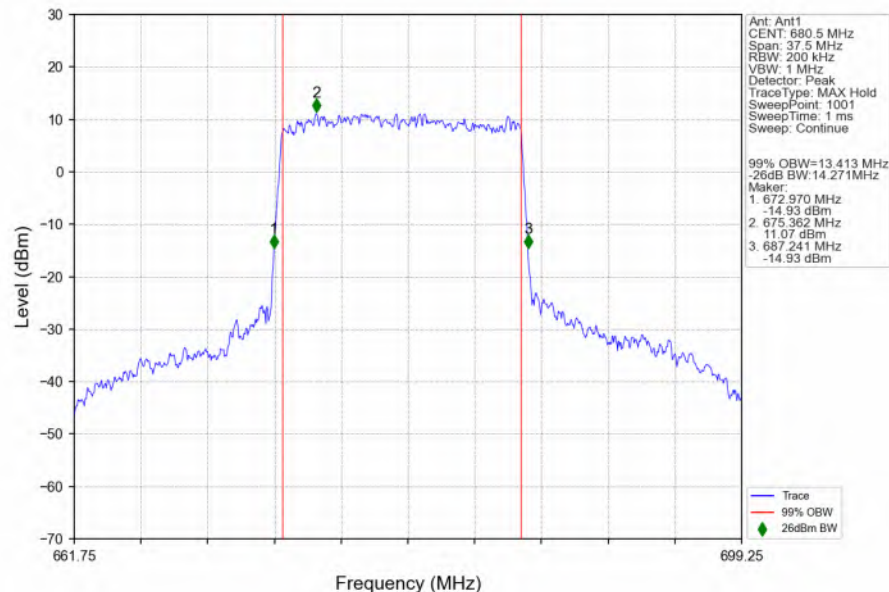


3.2.3 15_S_15M_NTNV

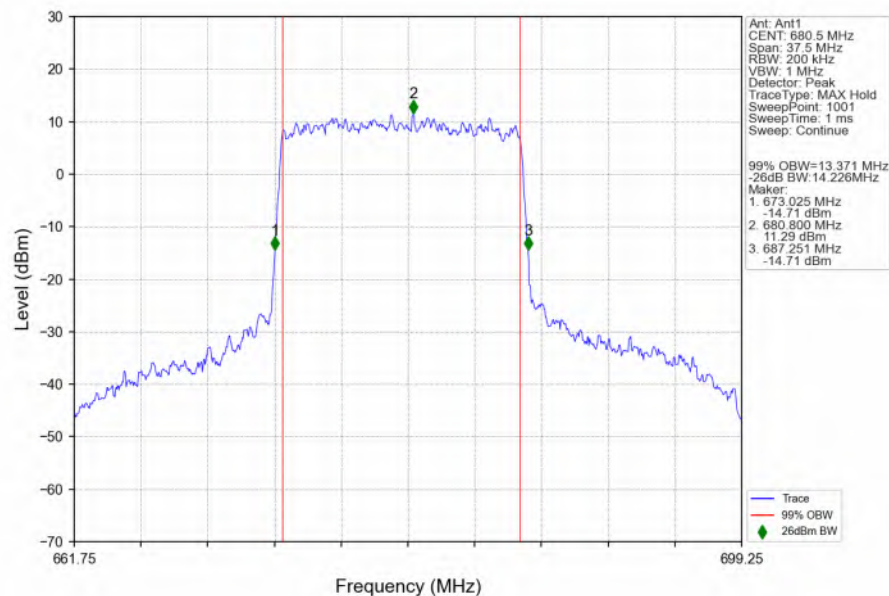




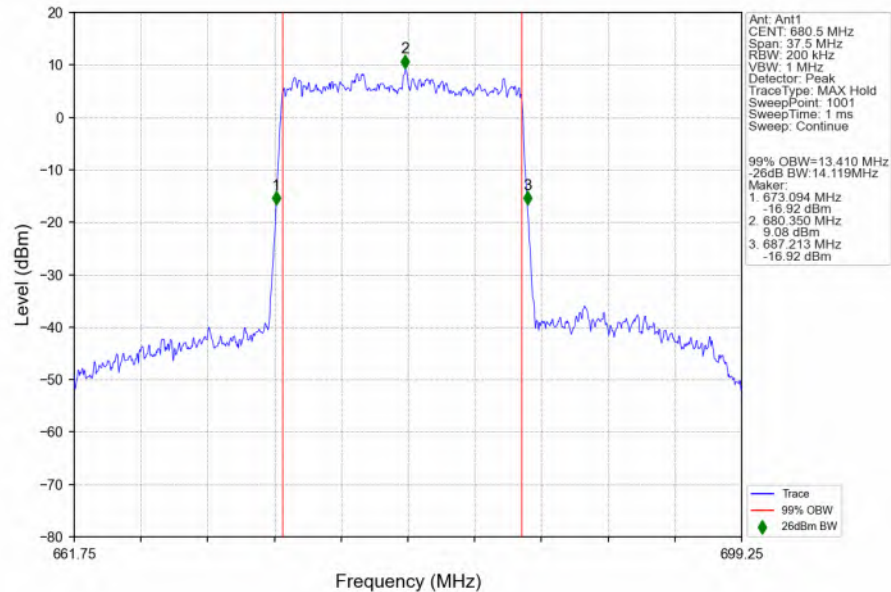
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_680.5MHz_Outer_Full_Ant1



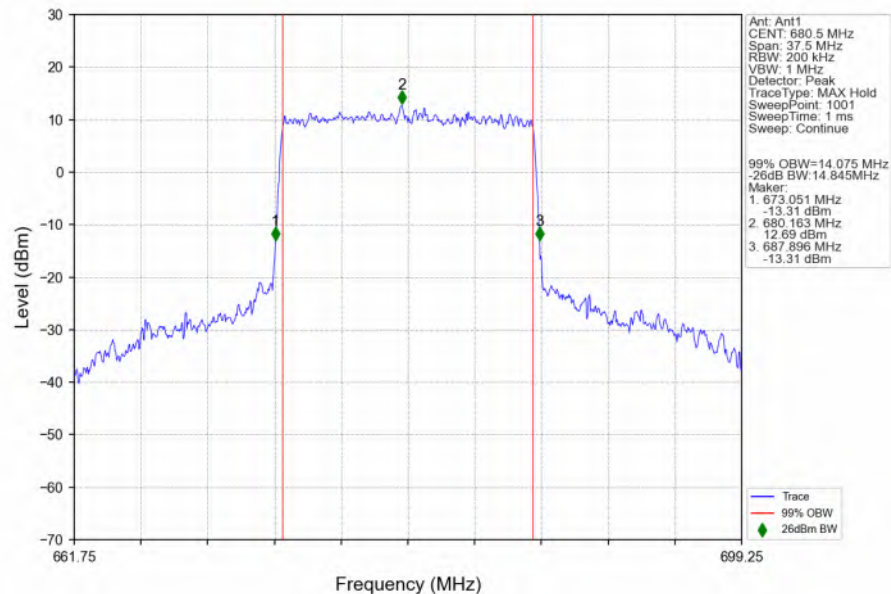
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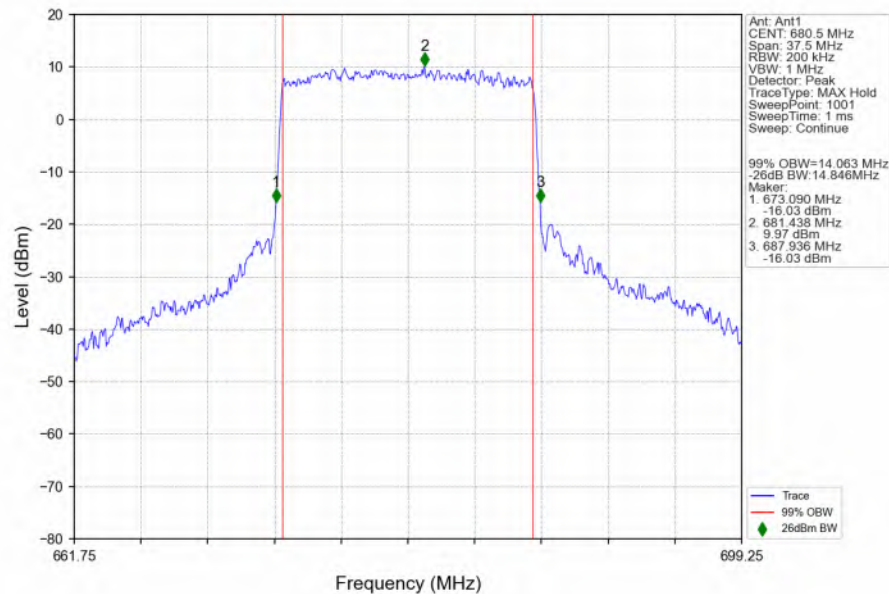
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_680.5MHz_Outer_Full_Ant1



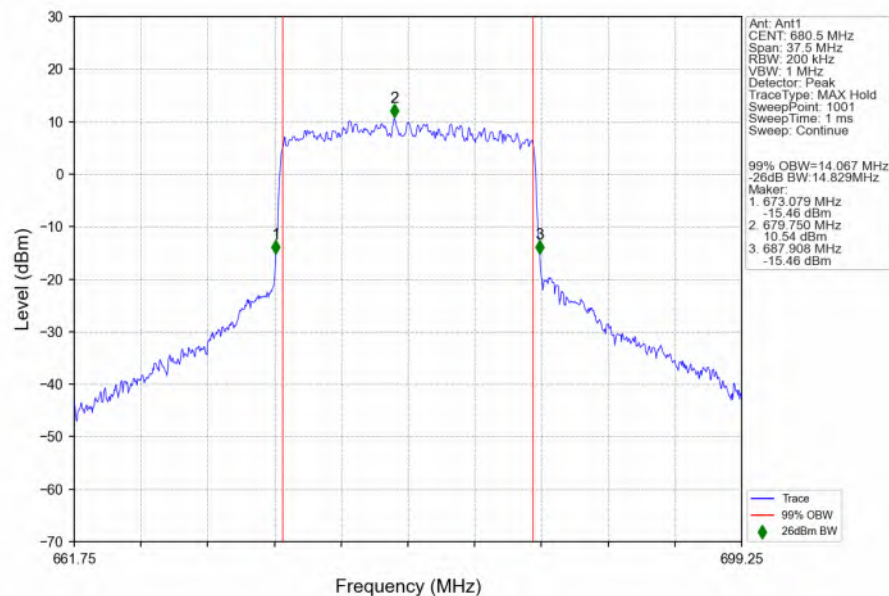
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_680.5MHz_Outer_Full_Ant1



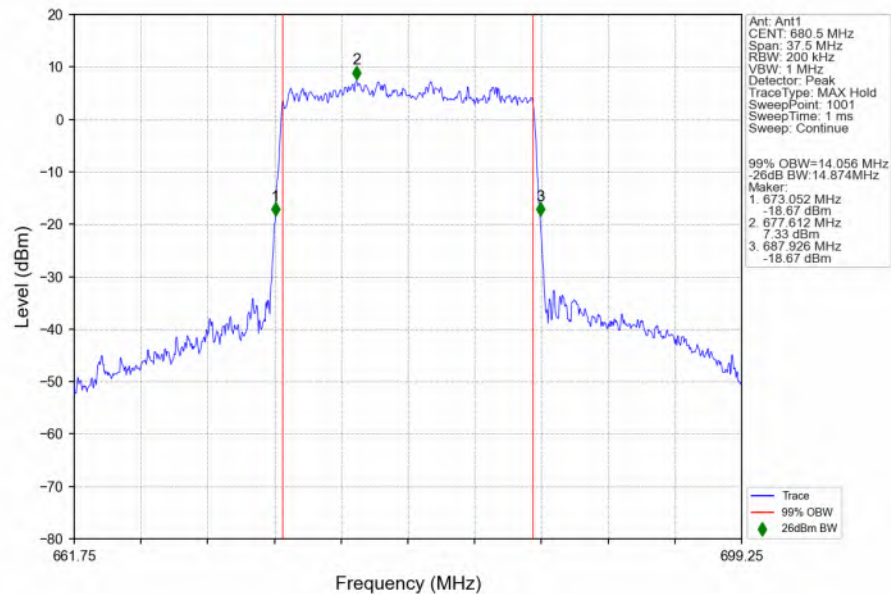
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_680.5MHz_Outer_Full_Ant1



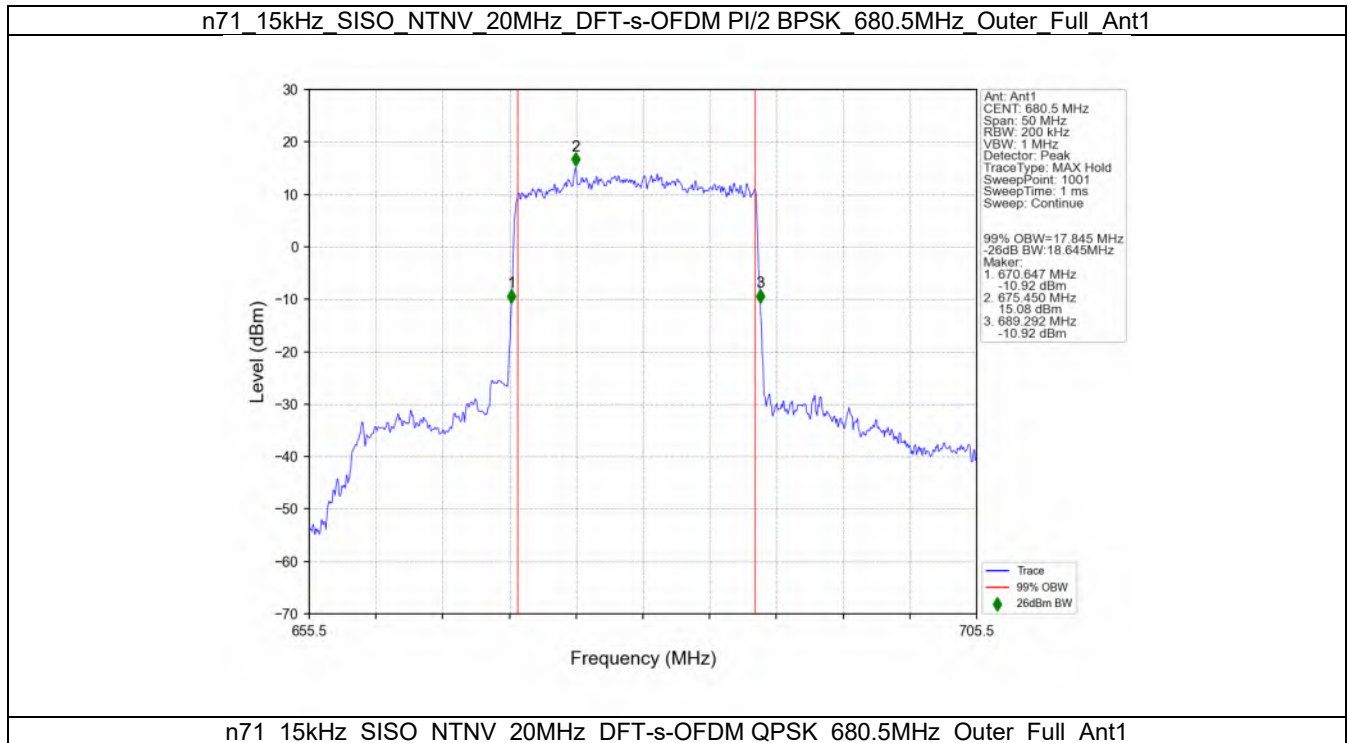
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_680.5MHz_Outer_Full_Ant1

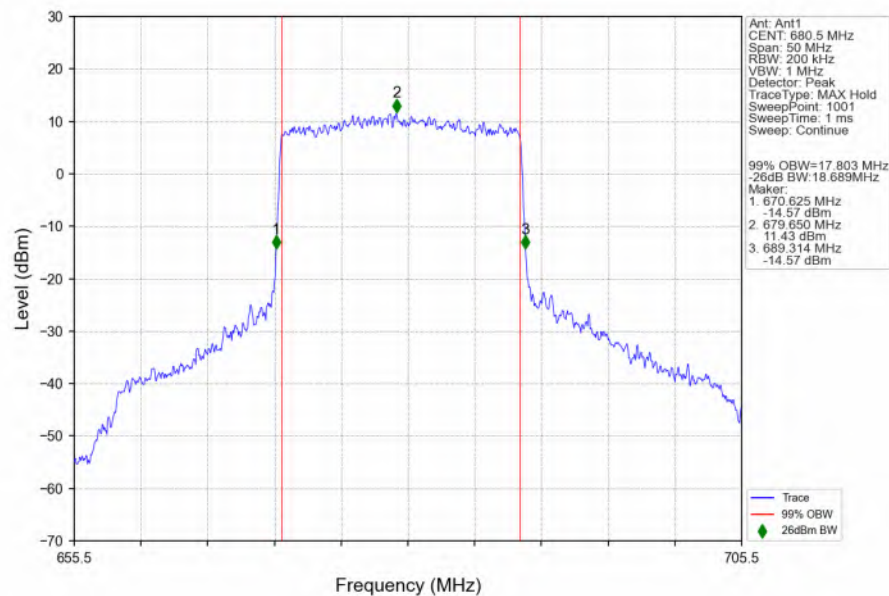


n71_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_680.5MHz_Outer_Full_Ant1

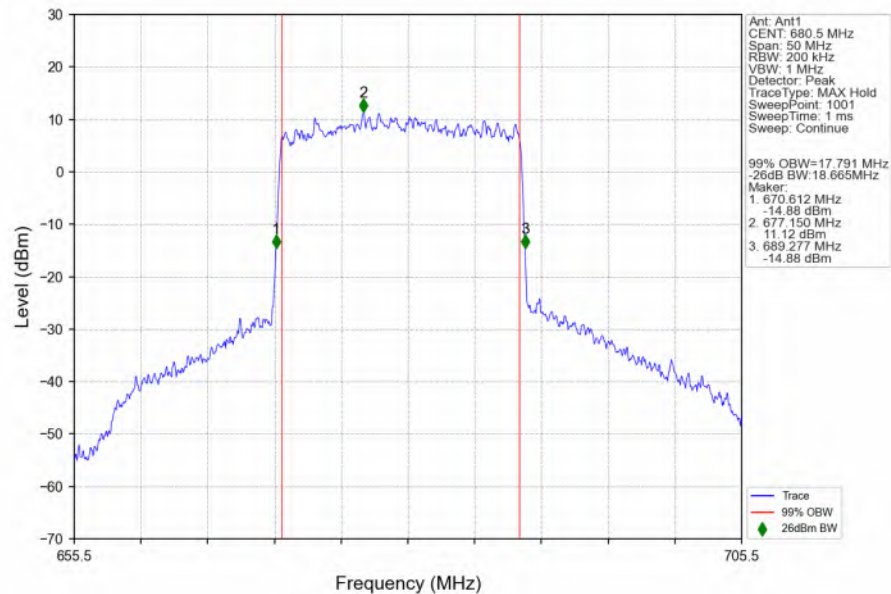


3.2.4 15_S_20M_NTNV

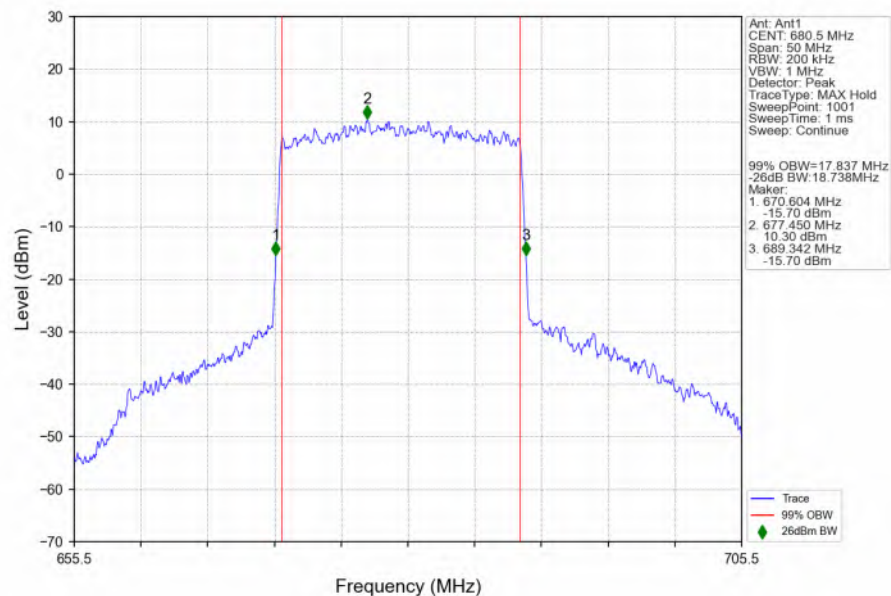




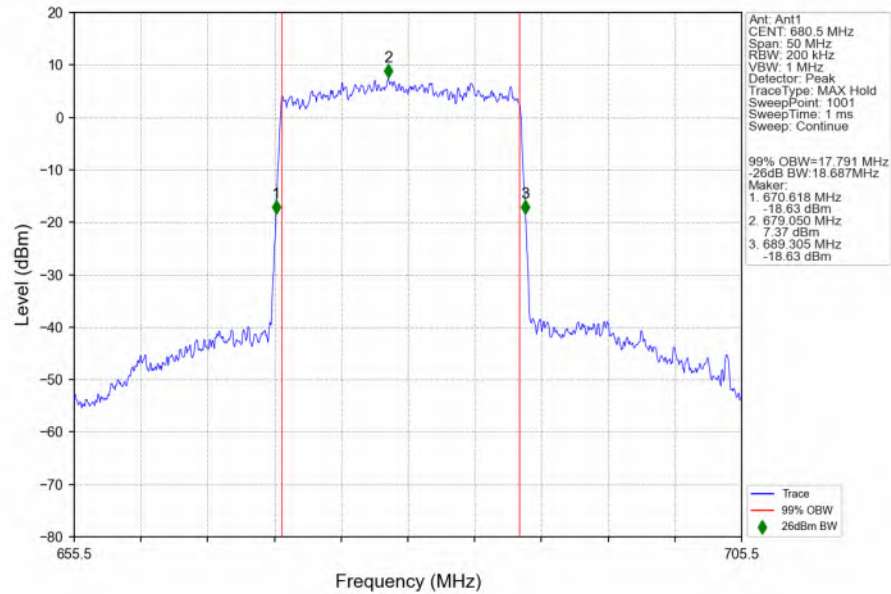
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_680.5MHz_Outer_Full_Ant1



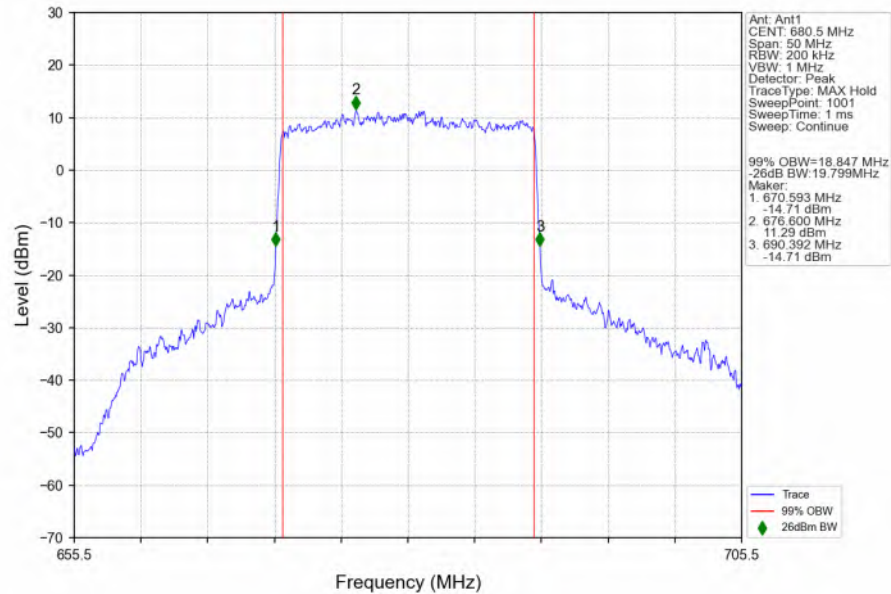
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_680.5MHz_Outer_Full_Ant1



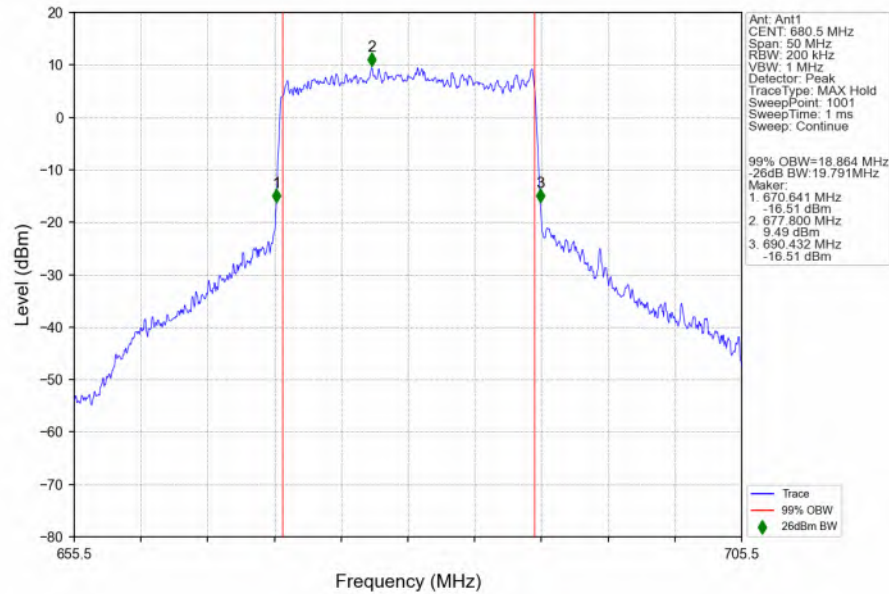
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_680.5MHz_Outer_Full_Ant1



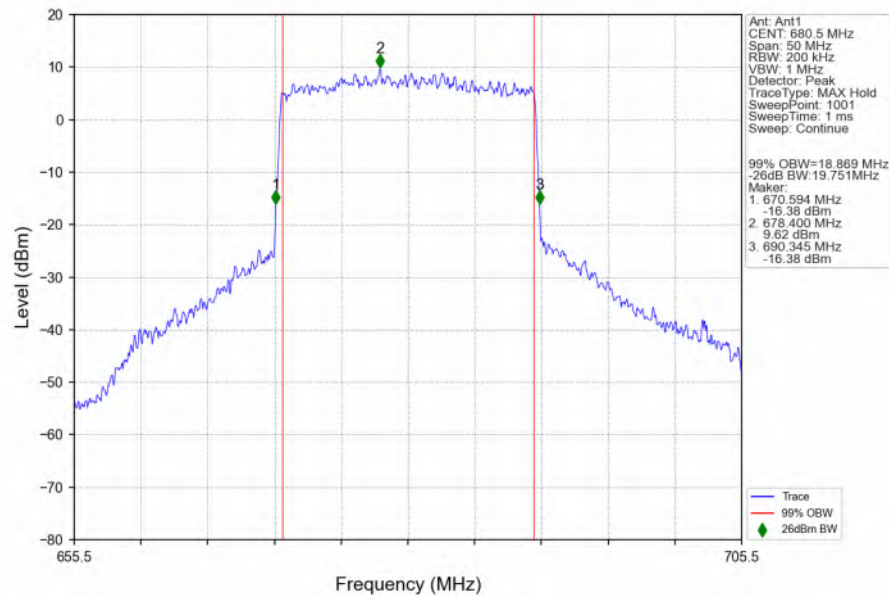
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_680.5MHz_Outer_Full_Ant1



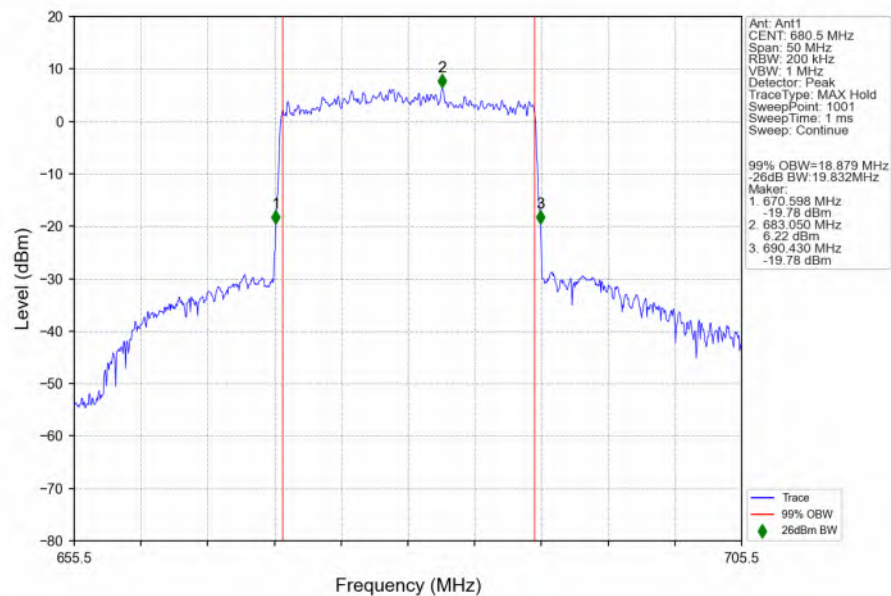
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_680.5MHz_Outer_Full_Ant1



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

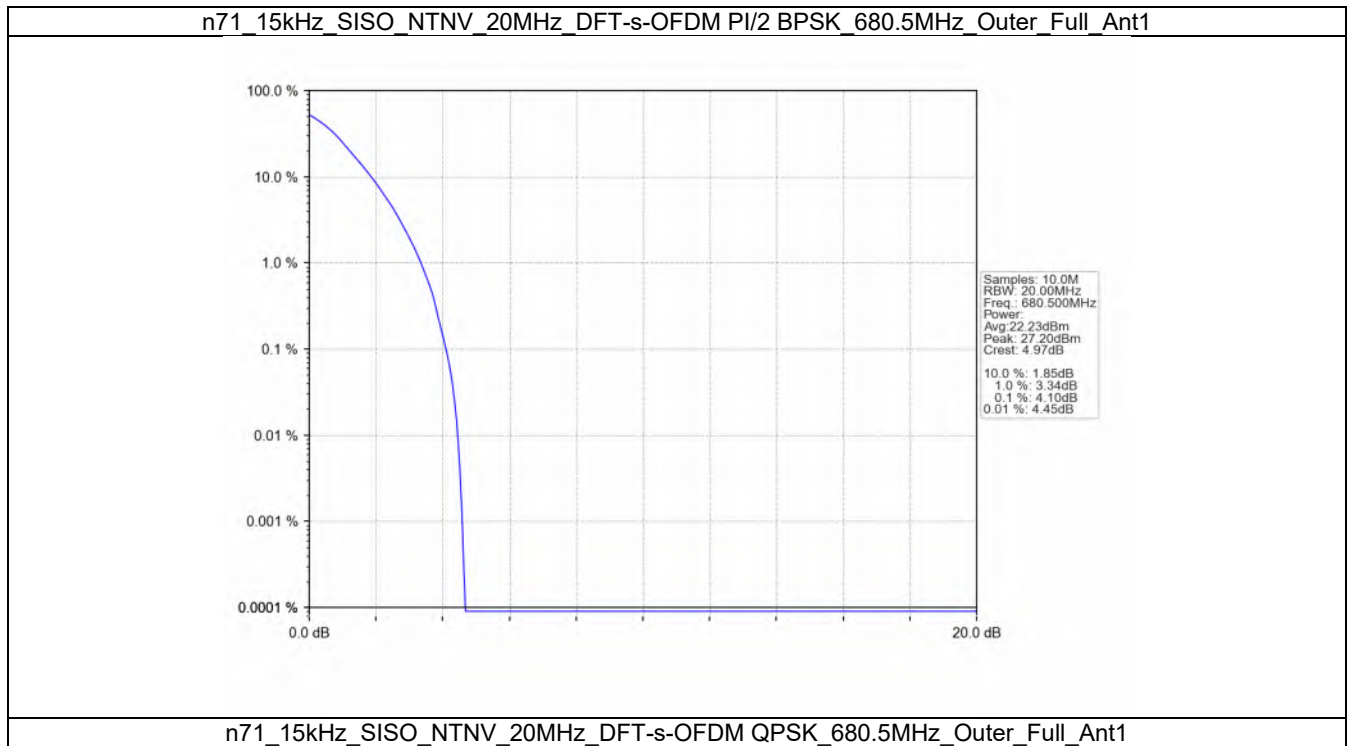
4.1.1 15_S_20M_NTNV

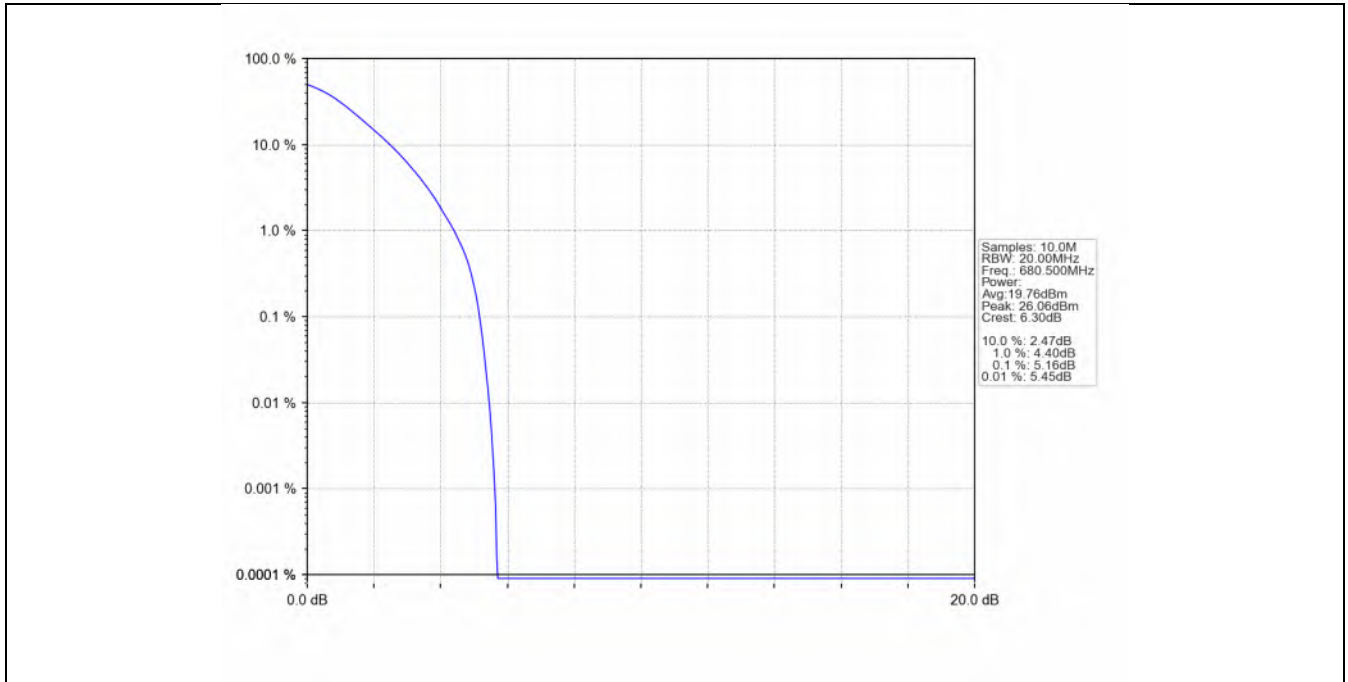
5G NR n71 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	680.5	Outer_Full	4.10	/	/	<=13	Pass
DFT-s-OFDM QPSK	680.5	Outer_Full	5.16	/	/	<=13	Pass
CP-OFDM QPSK	680.5	Outer_Full	7.26	/	/	<=13	Pass



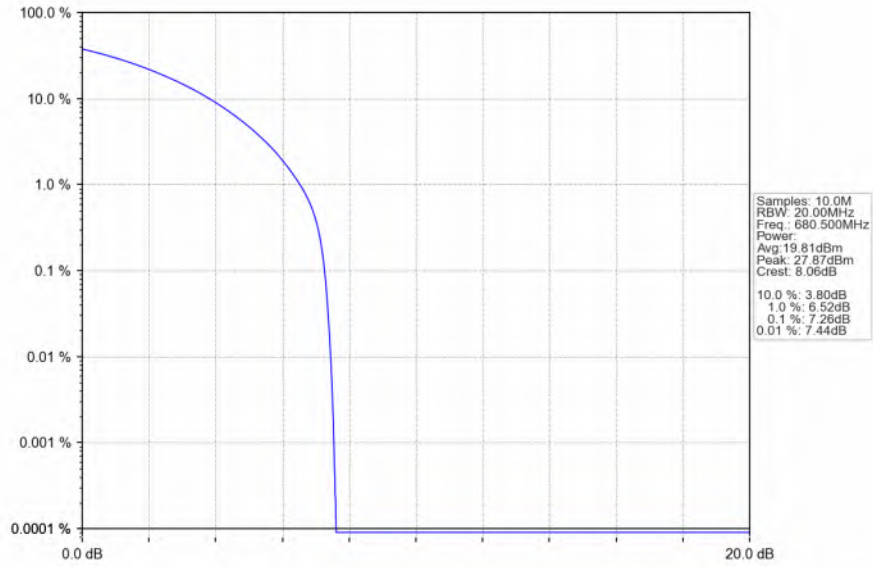
4.2 Test Graph

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 NTNV							
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				Pass
		Outer_Full	Refer To Test Graph				Pass
	680.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	695.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	665.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	680.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	695.5	Outer_Full	Refer To Test Graph				Pass

5.1.2 15_S_15M_NTNV

5G NR n71 SCS=15kHz SISO 15MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			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



Report No.: SUCR260400030107

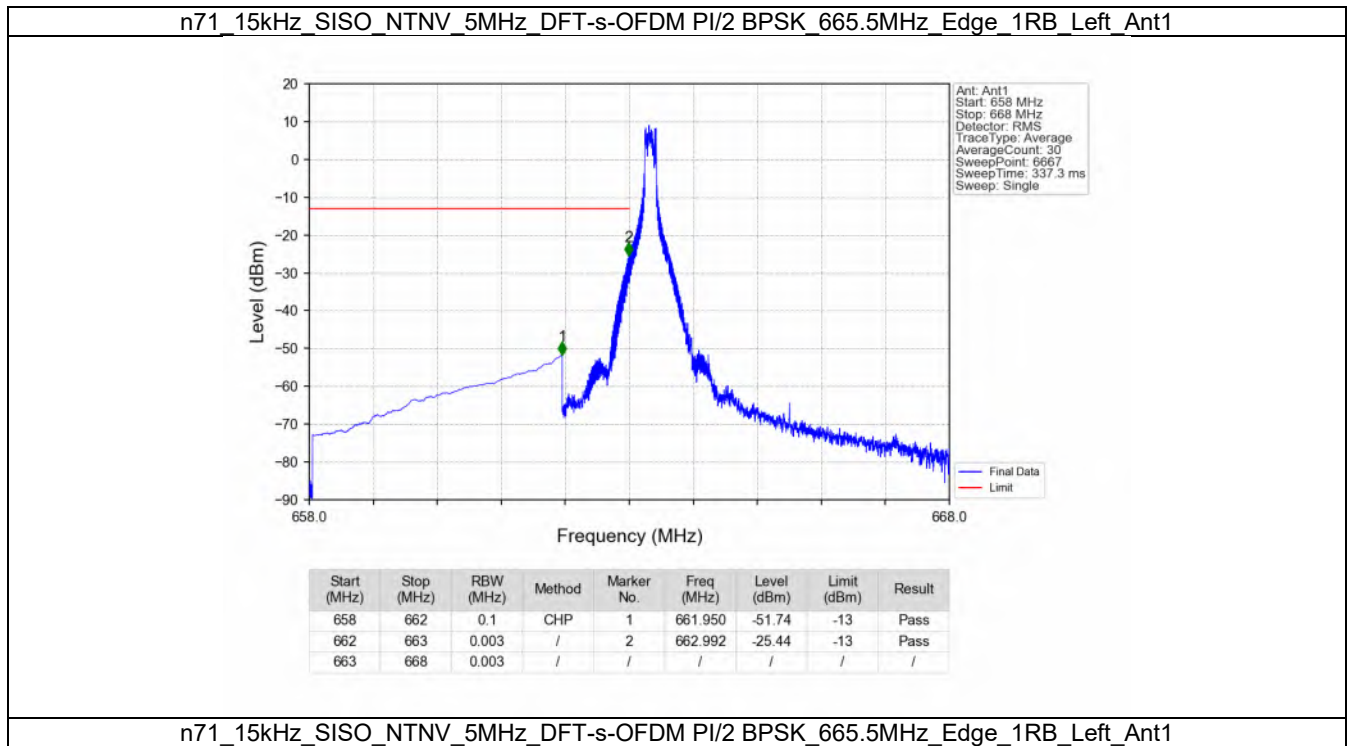
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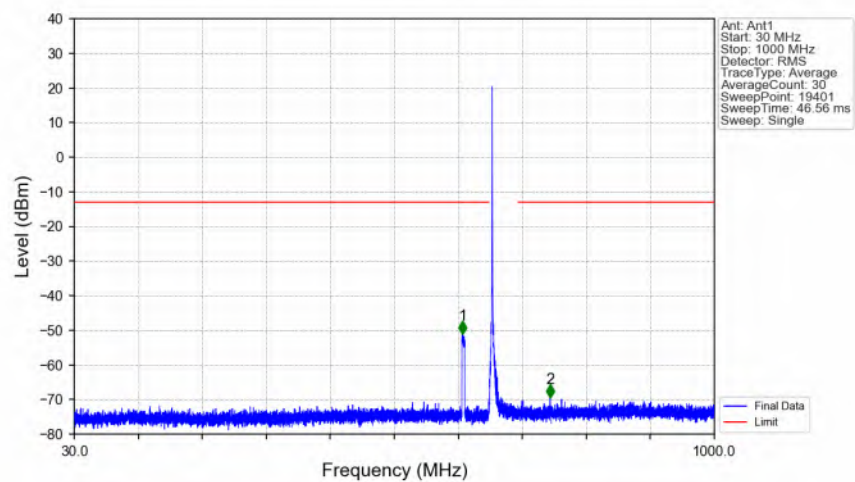
5.1.3 15_S_20M_NTNV

5G NR n71 SCS=15kHz SISO 20MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			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	
		Edge_1RB_Right	Refer To Test Graph				Pass	
		688	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	673	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	680.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		Edge_1RB_Right	Refer To Test Graph				Pass	
		688	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	673	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	680.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		Edge_1RB_Right	Refer To Test Graph				Pass	
		688	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass

5.2 Test Graph

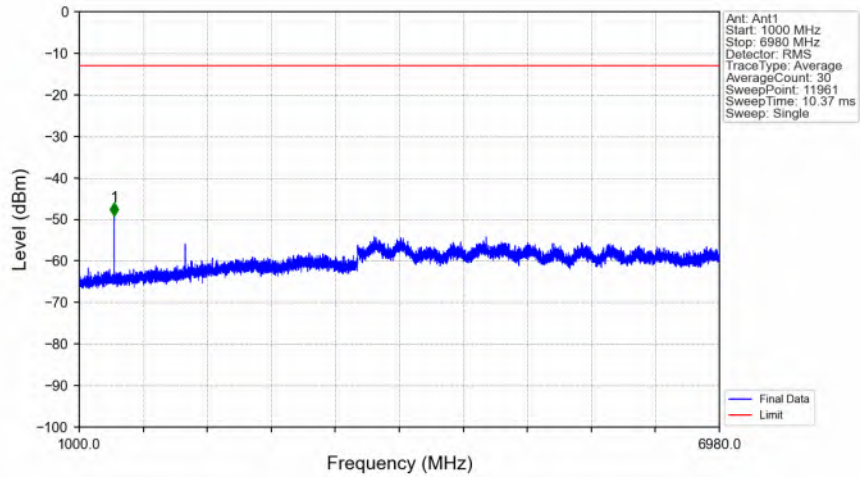
5.2.1 15_S_5M_NTNV





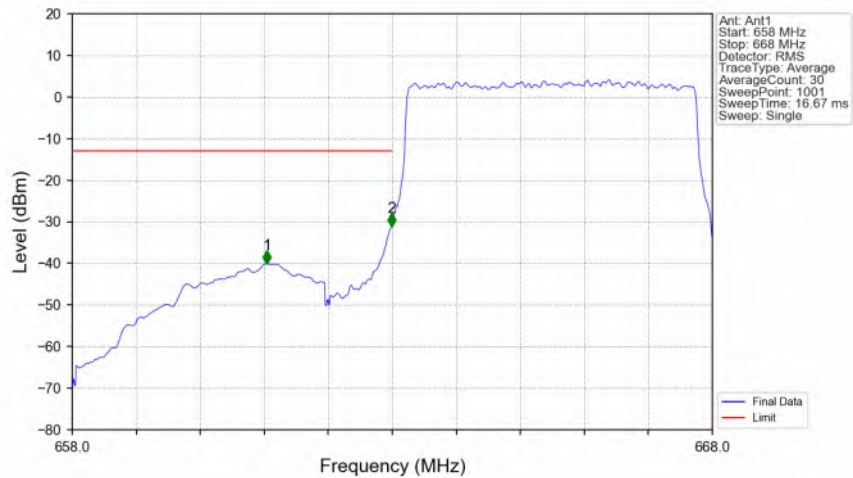
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	618.650	-51.09	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	751.000	-69.51	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK 665.5MHz_Edge_1RB_Left_Ant1



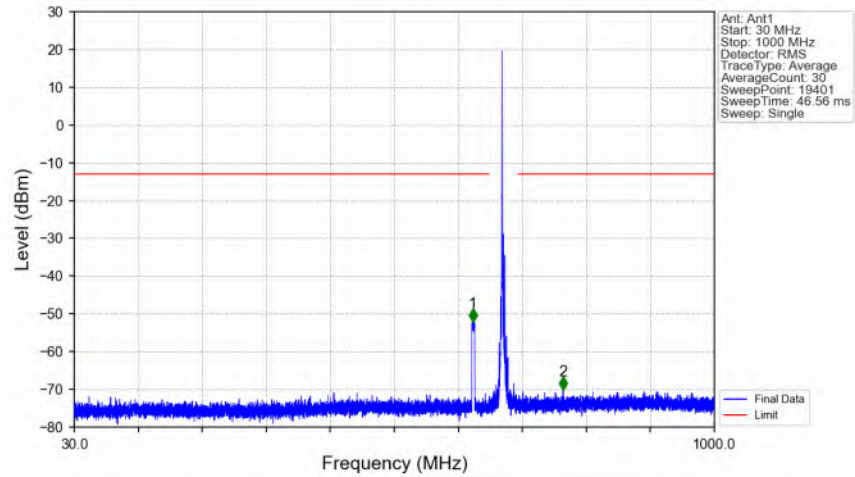
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1326.500	-49.21	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK 665.5MHz_Outer_Full_Ant1



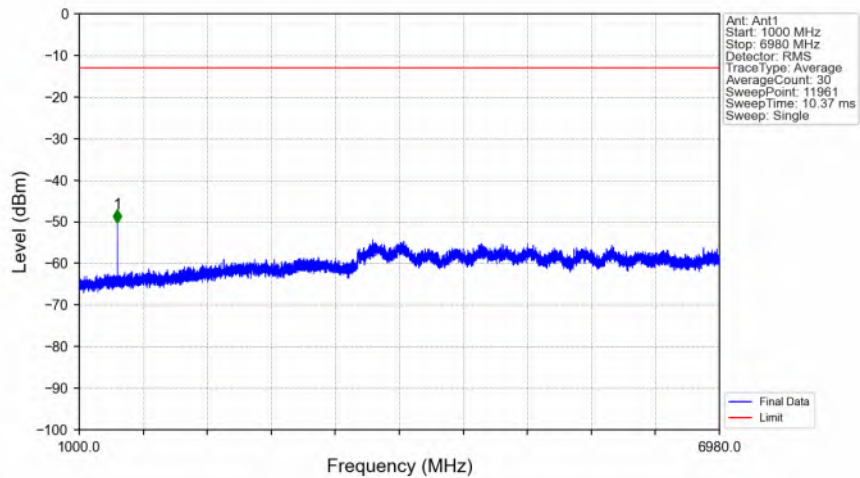
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.040	-40.06	-13	Pass
662	663	0.04977	CHP	2	662.990	-31.05	-13	Pass
663	668	0.04977	CHP	/	/	/	/	/

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_680.5MHz_Edge_1RB_Left_Ant1



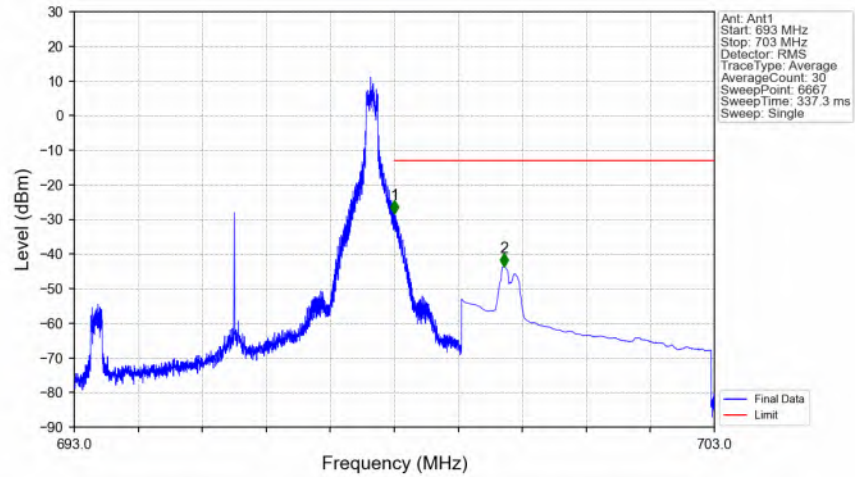
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	634.300	-52.14	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	770.700	-70.16	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_680.5MHz_Edge_1RB_Left_Ant1



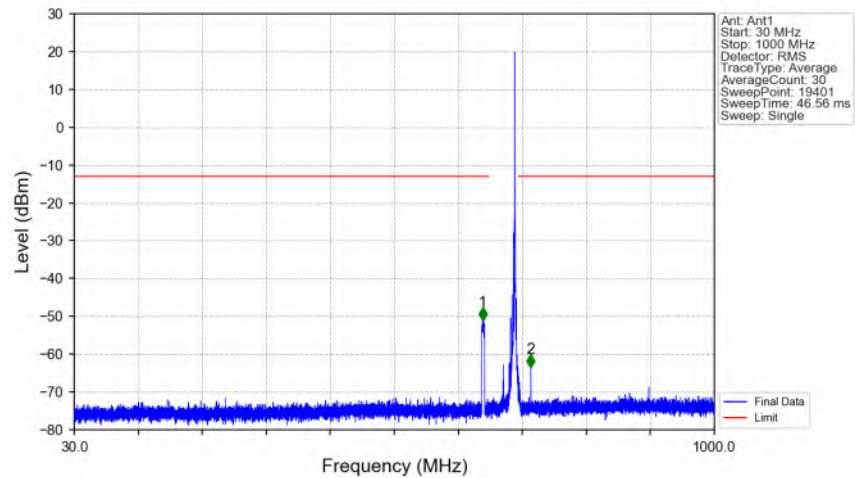
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1356.500	-50.17	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_695.5MHz_Edge_1RB_Right_Ant1



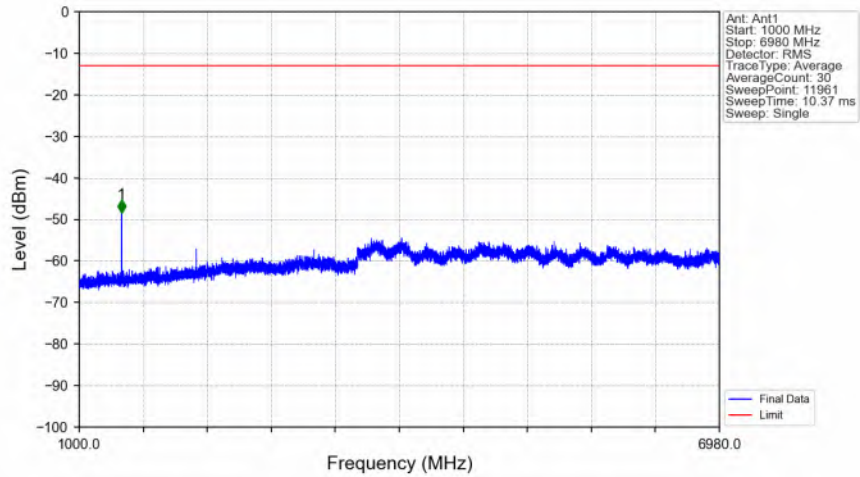
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.005	-28.25	-13	Pass
699	703	0.1	CHP	2	699.718	-43.60	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_695.5MHz_Edge_1RB_Right_Ant1



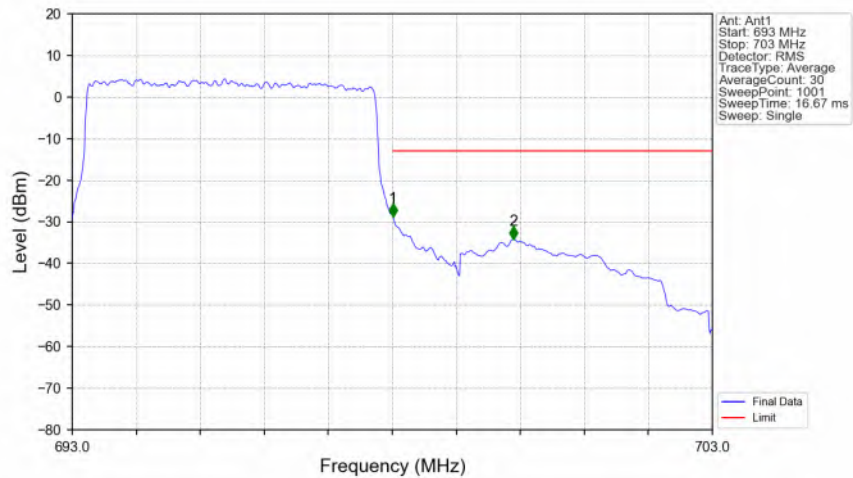
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	648.650	-51.01	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	721.900	-63.55	-13	Pass

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



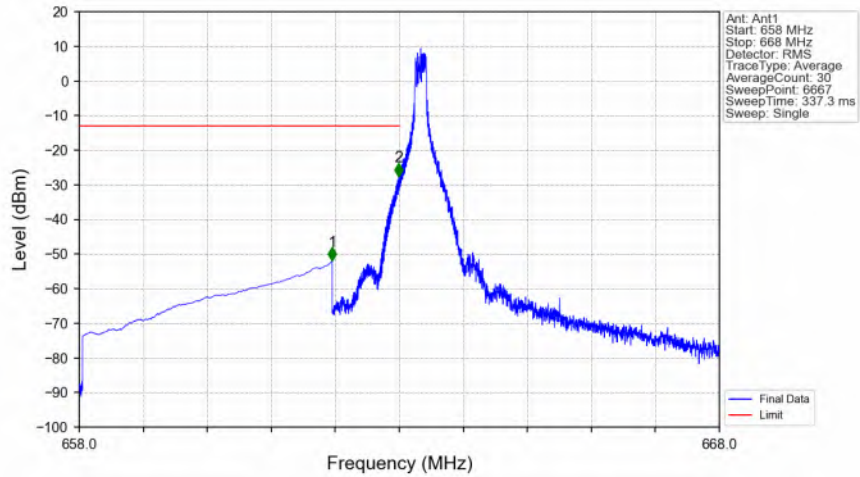
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1395.000	-48.46	-13	Pass

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



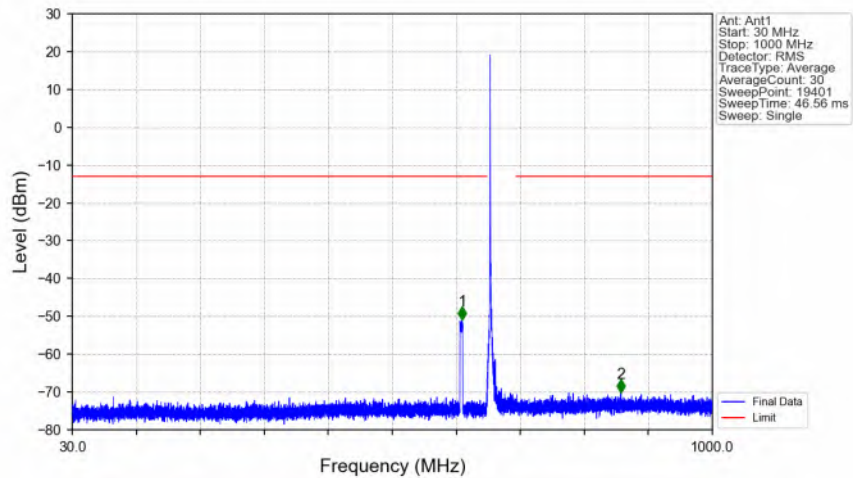
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.04977	CHP	/	/	/	/	/
698	699	0.04977	CHP	1	698.010	-28.82	-13	Pass
699	703	0.1	CHP	2	699.890	-34.25	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant1



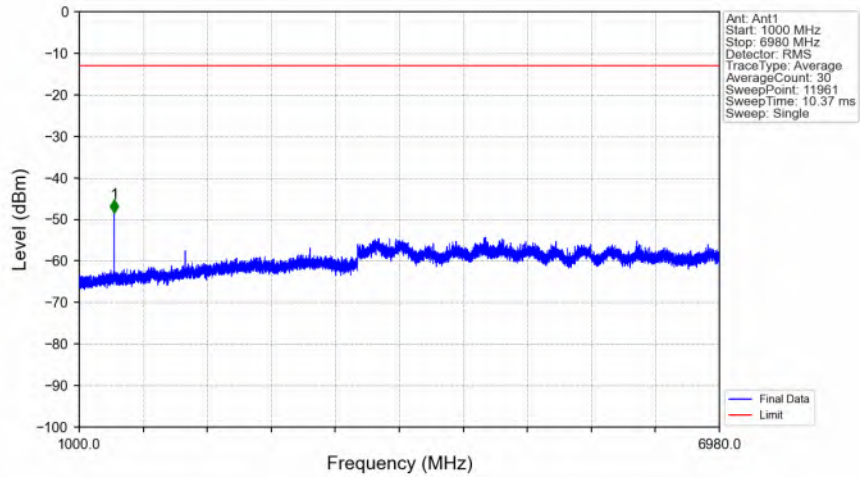
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.950	-51.95	-13	Pass
662	663	0.003	/	2	662.991	-27.47	-13	Pass
663	668	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant1

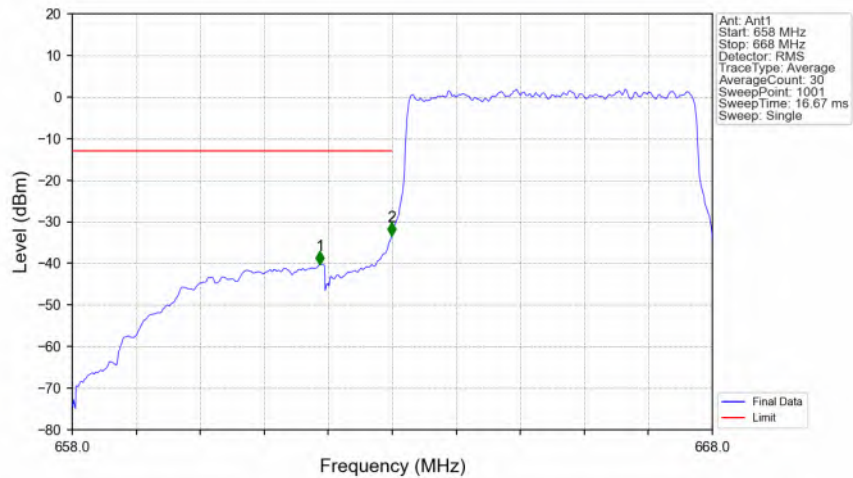


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	621.050	-50.90	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	861.250	-70.03	-13	Pass

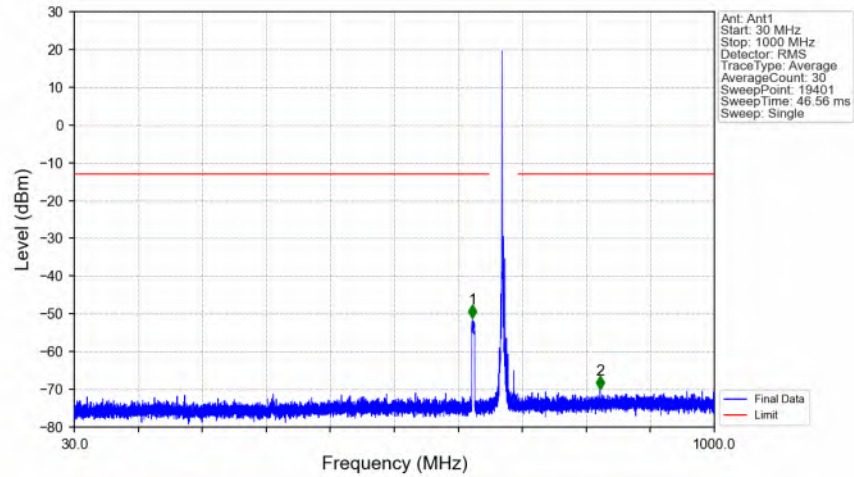
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant1



n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Outer_Full_Ant1

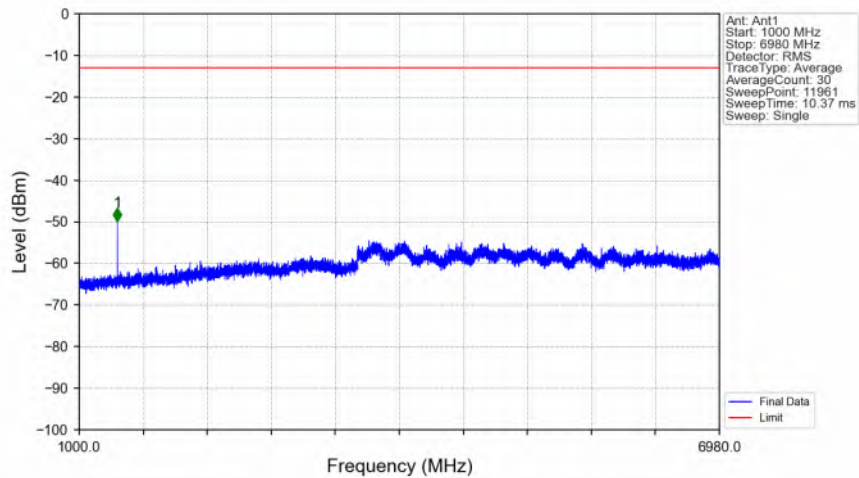


n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant1



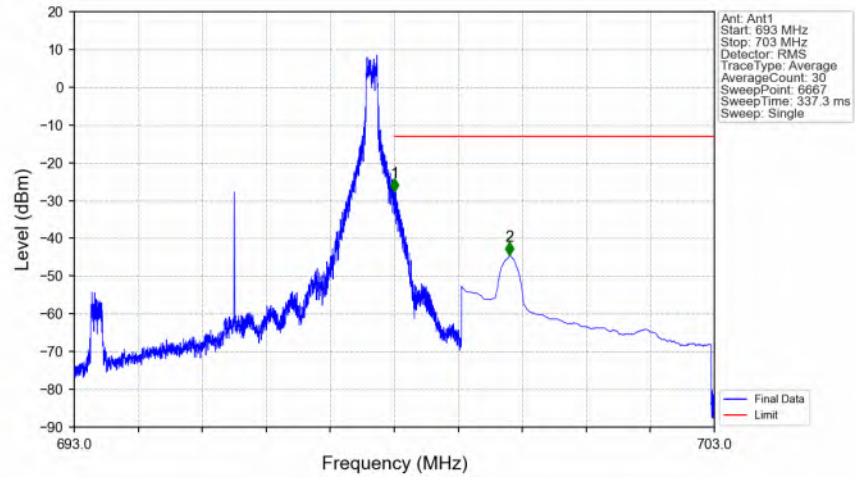
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	633.500	-51.15	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	826.650	-69.93	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant1



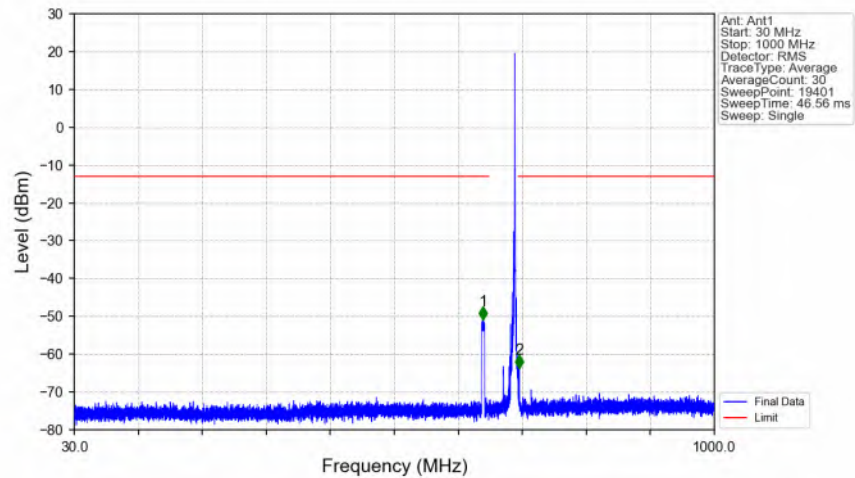
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1356.500	-49.86	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_695.5MHz_Edge_1RB_Right_Ant1



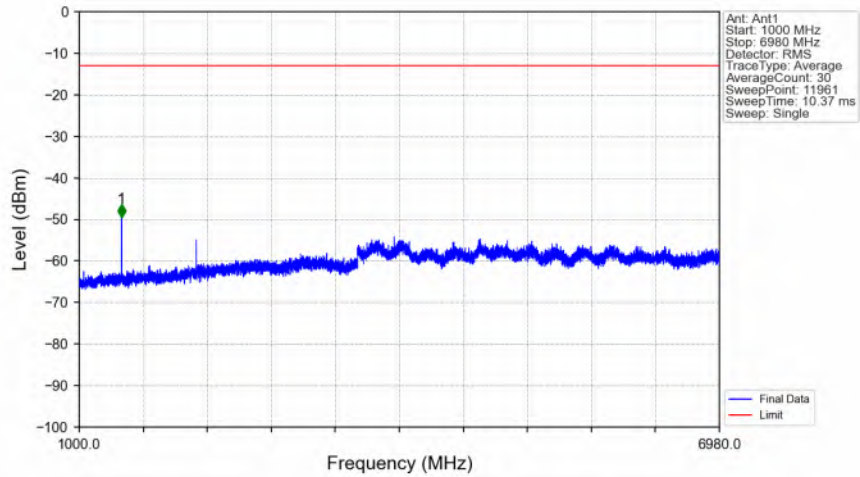
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.005	-27.67	-13	Pass
699	703	0.1	CHP	2	699.802	-44.50	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_695.5MHz_Edge_1RB_Right_Ant1



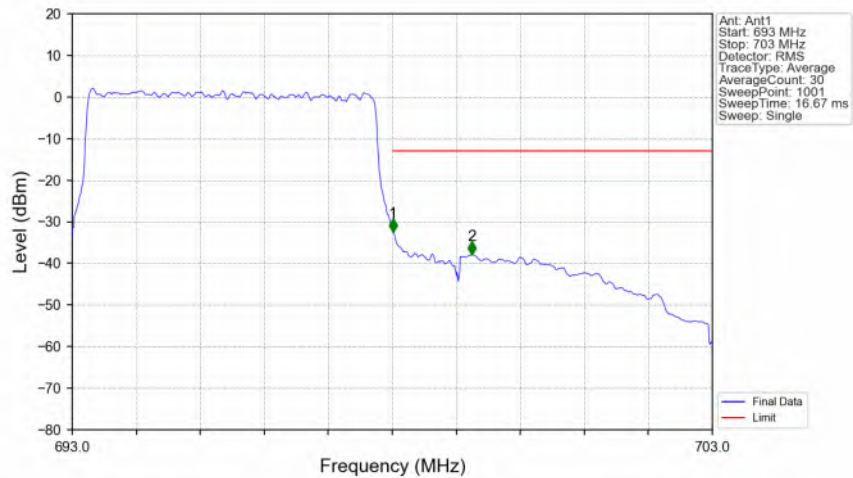
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	649.400	-50.94	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	704.100	-63.64	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_695.5MHz_Edge_1RB_Right_Ant1



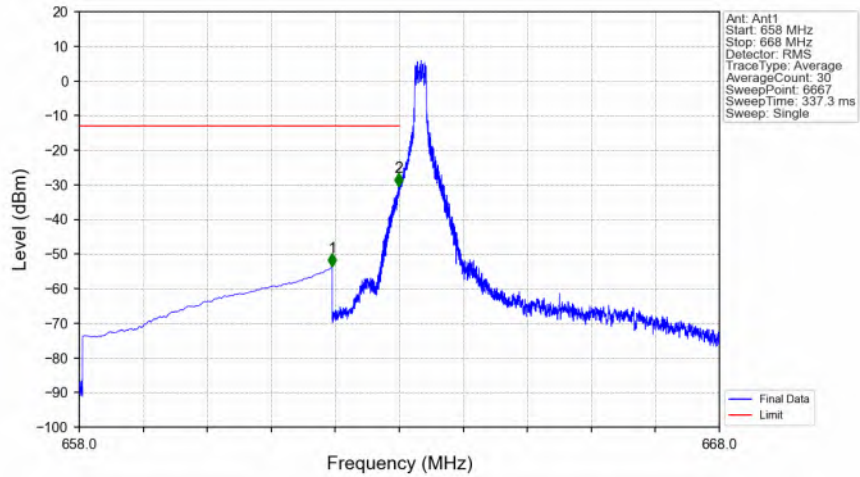
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1395.000	-49.44	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_695.5MHz_Outer_Full_Ant1



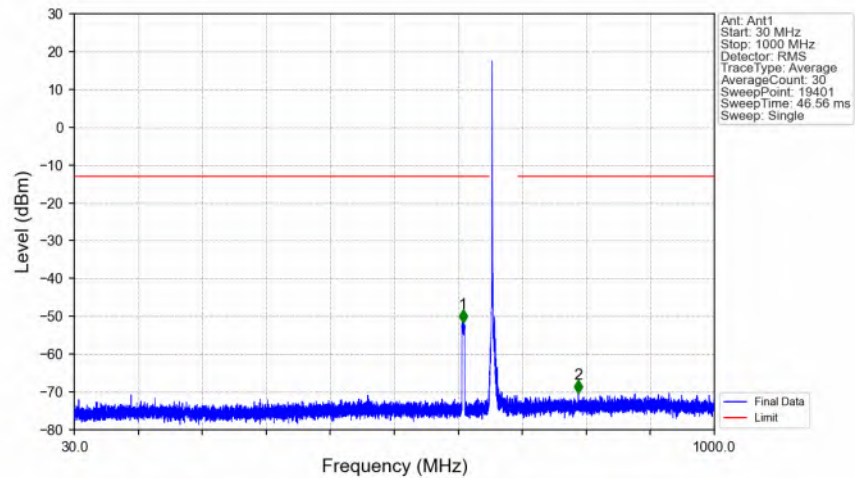
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.04977	CHP	/	/	/	/	/
698	699	0.04977	CHP	1	698.010	-32.41	-13	Pass
699	703	0.1	CHP	2	699.240	-37.89	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant1



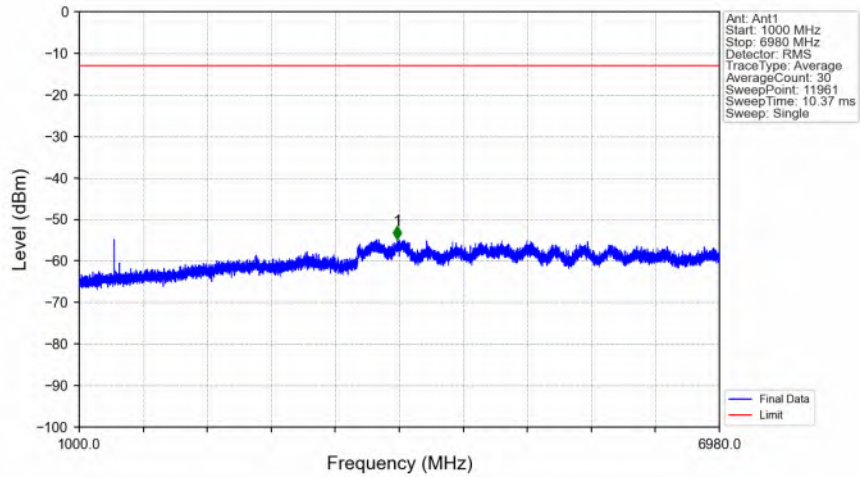
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.950	-53.66	-13	Pass
662	663	0.003	/	2	662.989	-30.42	-13	Pass
663	668	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant1



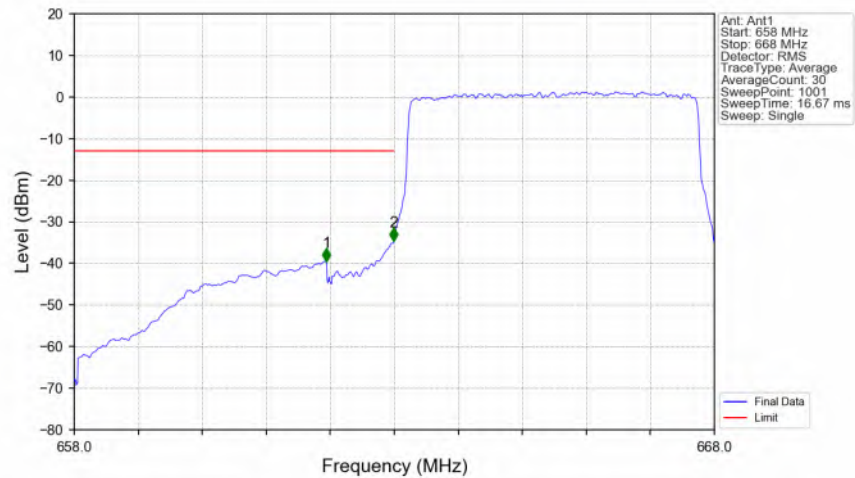
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	618.800	-51.66	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	793.850	-70.26	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_665.5MHz_Edge_1RB_Left_Ant1



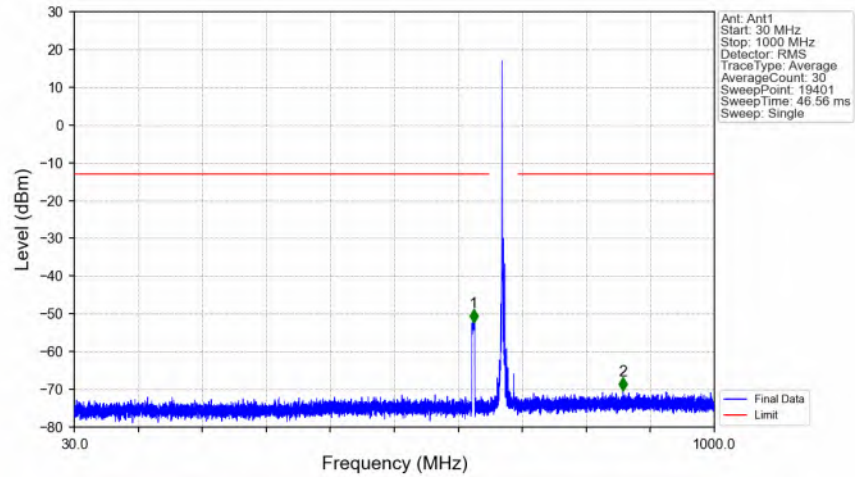
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	3971.500	-54.71	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_665.5MHz_Outer_Full_Ant1



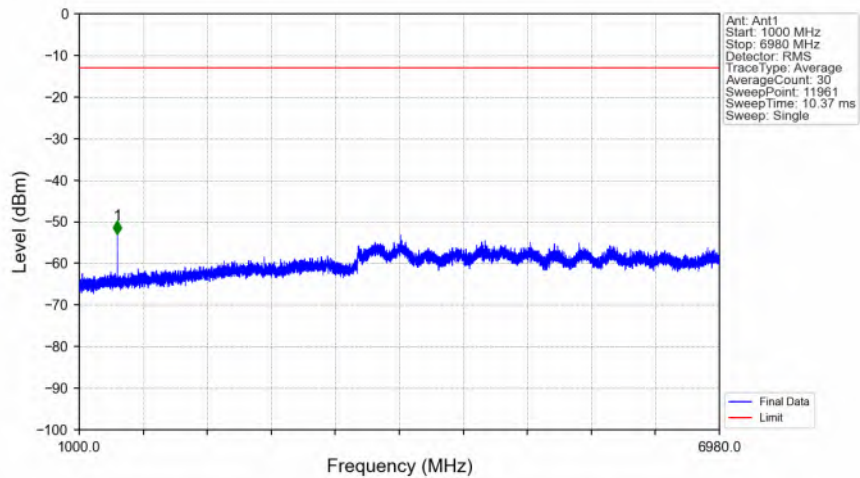
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.940	-39.48	-13	Pass
662	663	0.04977	CHP	2	662.990	-34.55	-13	Pass
663	668	0.04977	CHP	/	/	/	/	/

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant1



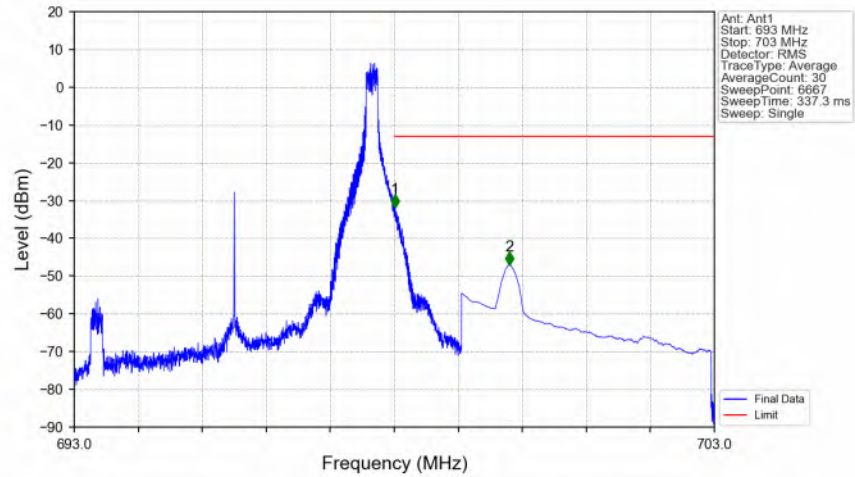
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	634.900	-52.19	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	861.650	-70.22	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant1



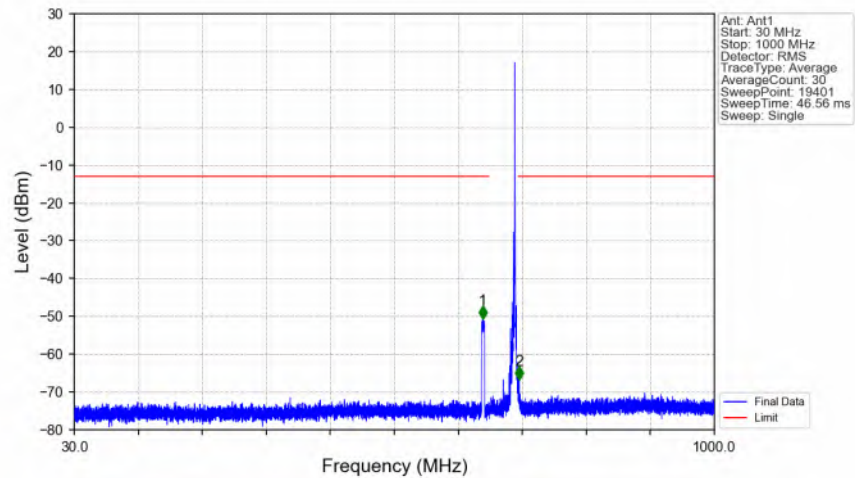
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1356.500	-52.89	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_695.5MHz_Edge_1RB_Right_Ant1



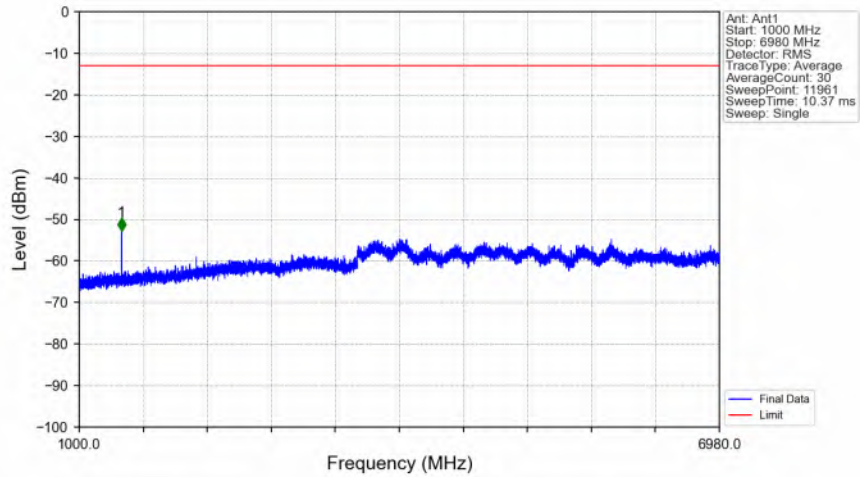
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.006	-31.76	-13	Pass
699	703	0.1	CHP	2	699.802	-47.06	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_695.5MHz_Edge_1RB_Right_Ant1



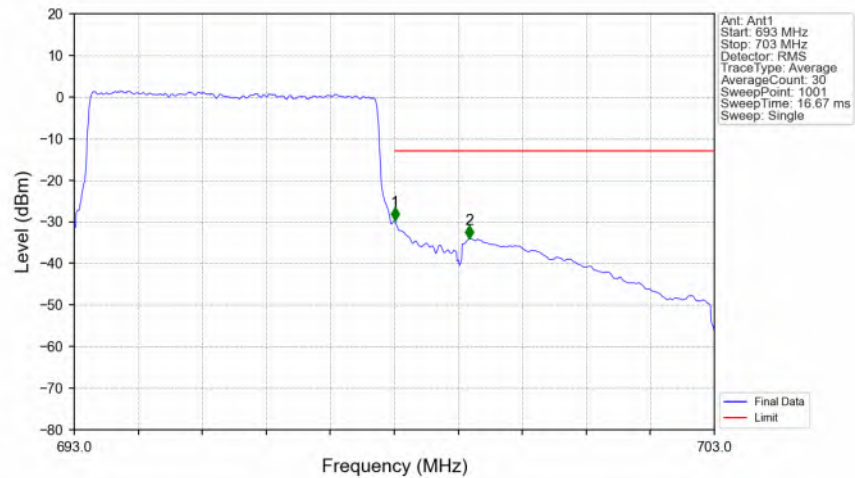
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	649.150	-50.78	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.950	-66.78	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_695.5MHz_Edge_1RB_Right_Ant1



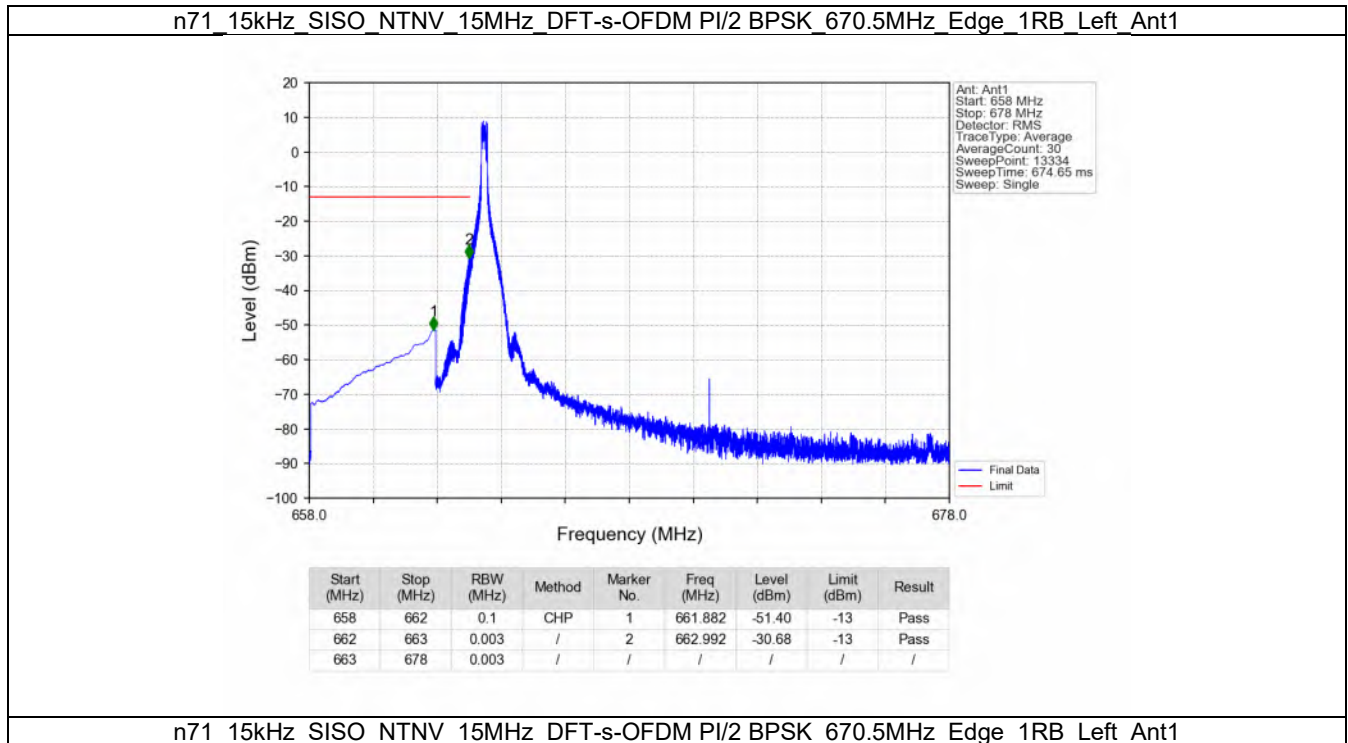
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1395.000	-52.70	-13	Pass

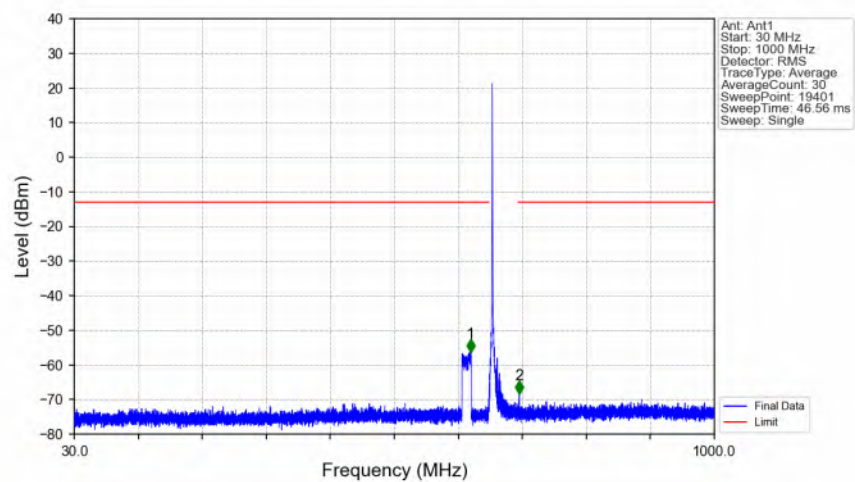
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_695.5MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.04977	CHP	/	/	/	/	/
698	699	0.04977	CHP	1	698.010	-29.68	-13	Pass
699	703	0.1	CHP	2	699.170	-34.06	-13	Pass

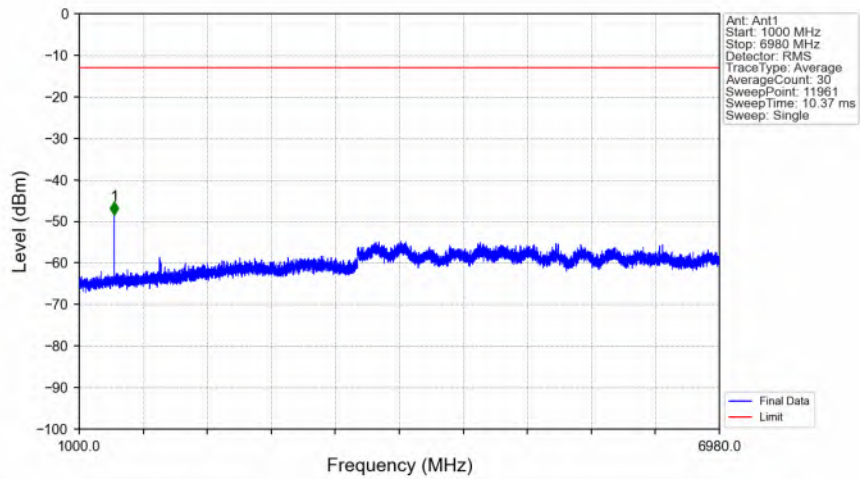
5.2.2 15_S_15M_NTNV





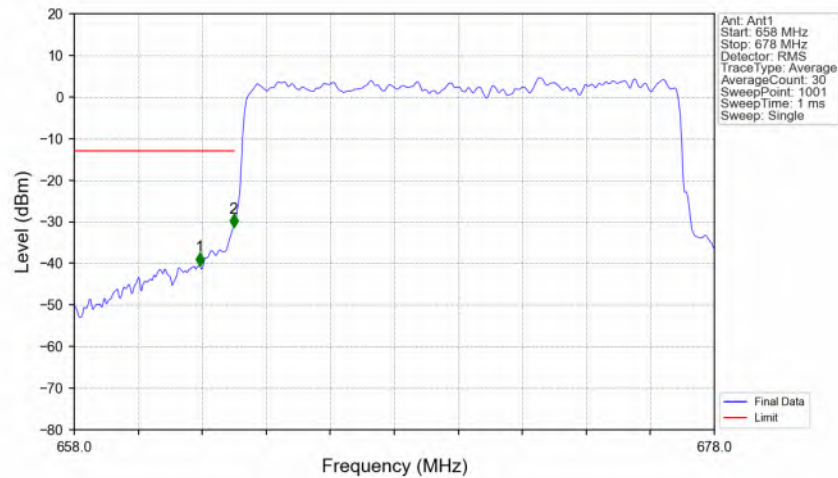
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	630.800	-56.29	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	704.350	-68.38	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_670.5MHz_Edge_1RB_Left_Ant1



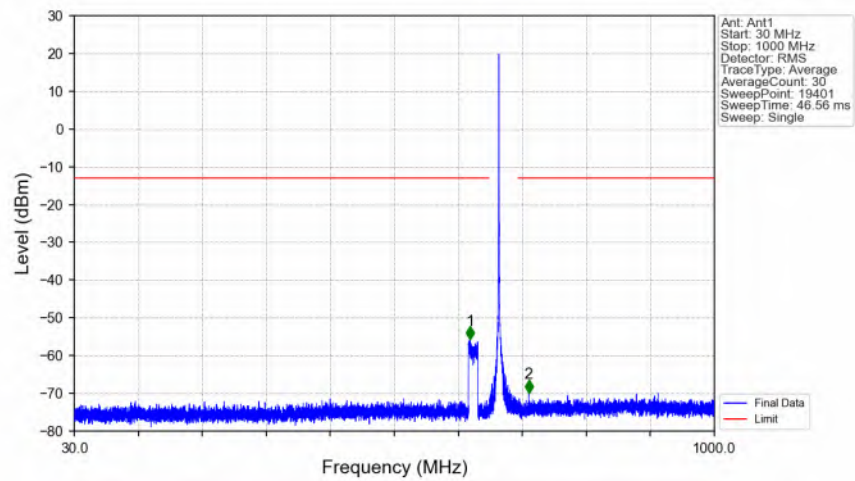
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1327.000	-48.43	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_670.5MHz_Outer_Full_Ant1



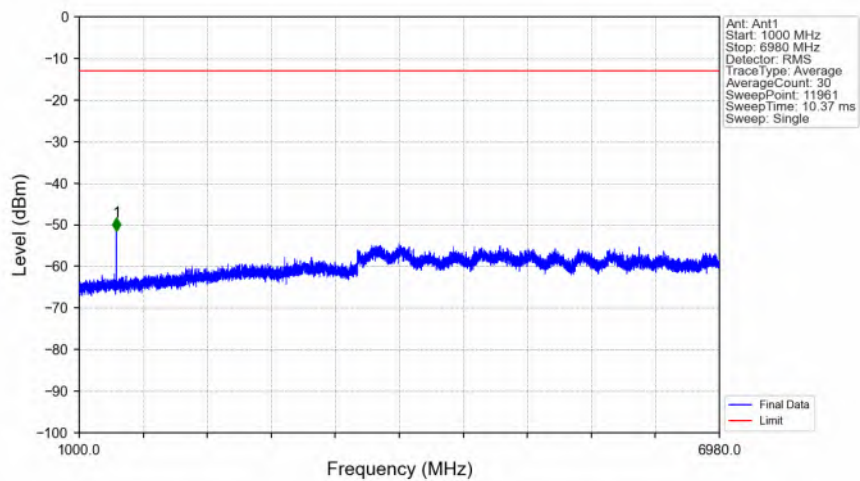
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	661.920	-40.51	-13	Pass
662	663	0.14245	CHP	2	662.980	-31.28	-13	Pass
663	678	0.14245	CHP	/	/	/	/	/

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_680.5MHz_Edge_1RB_Left_Ant1



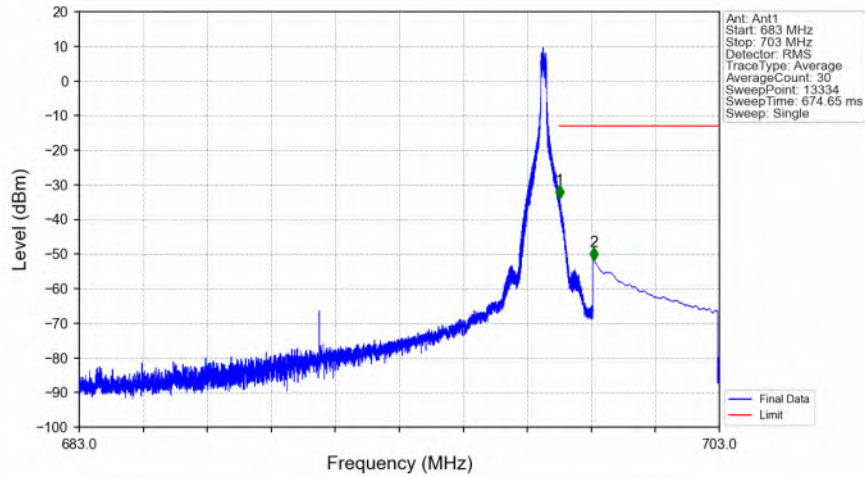
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	630.200	-55.64	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	718.650	-69.82	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_680.5MHz_Edge_1RB_Left_Ant1



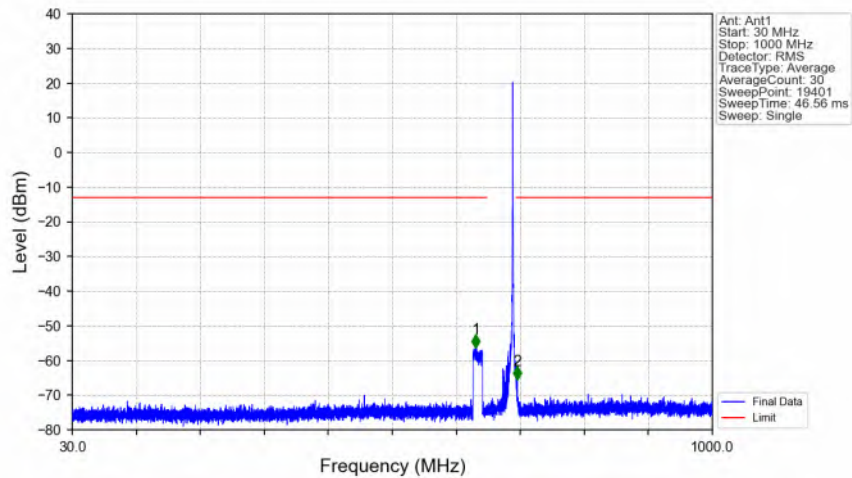
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1347.000	-51.48	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK 690.5MHz_Edge_1RB_Right_Ant1



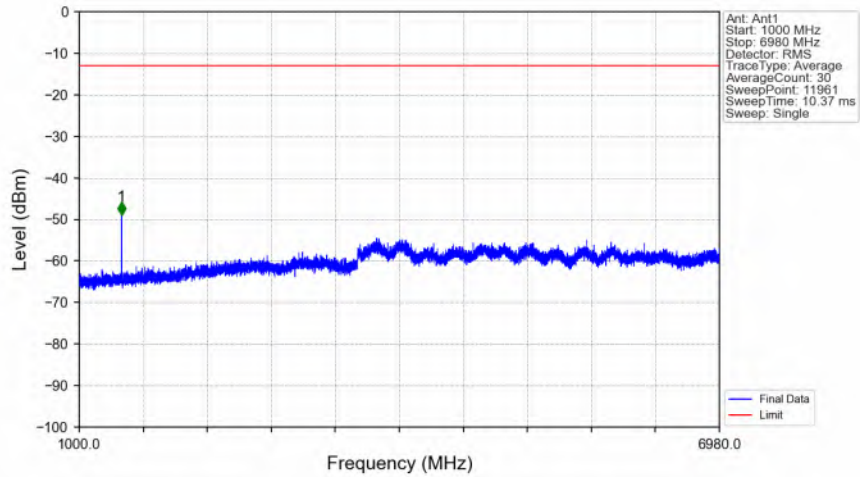
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.005	-33.84	-13	Pass
699	703	0.1	CHP	2	699.070	-51.76	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK 690.5MHz_Edge_1RB_Right_Ant1



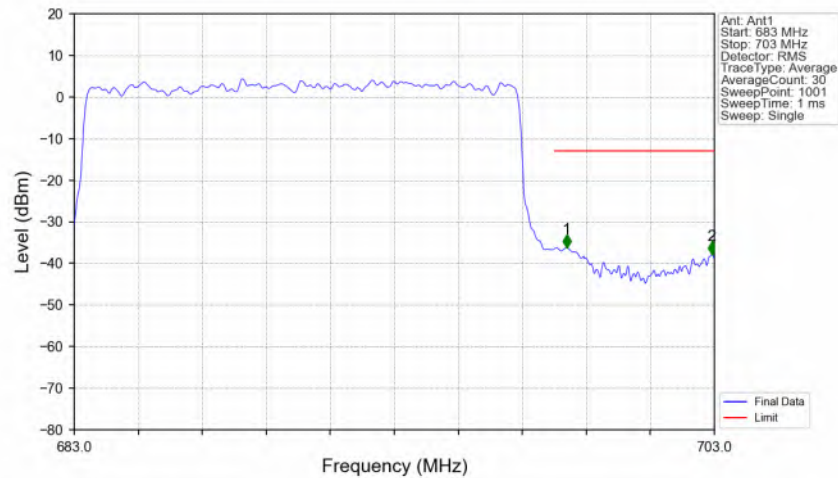
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	641.200	-56.25	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	704.450	-65.57	-13	Pass

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



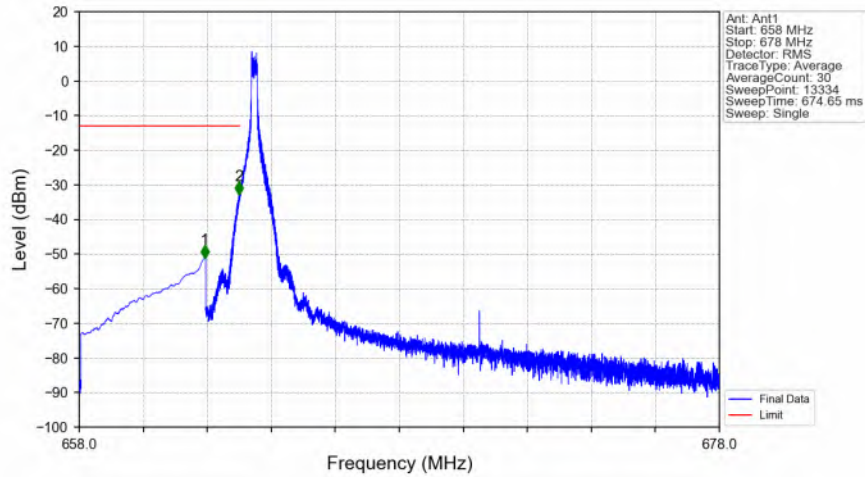
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1395.000	-49.00	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_690.5MHz_Outer_Full_Ant1



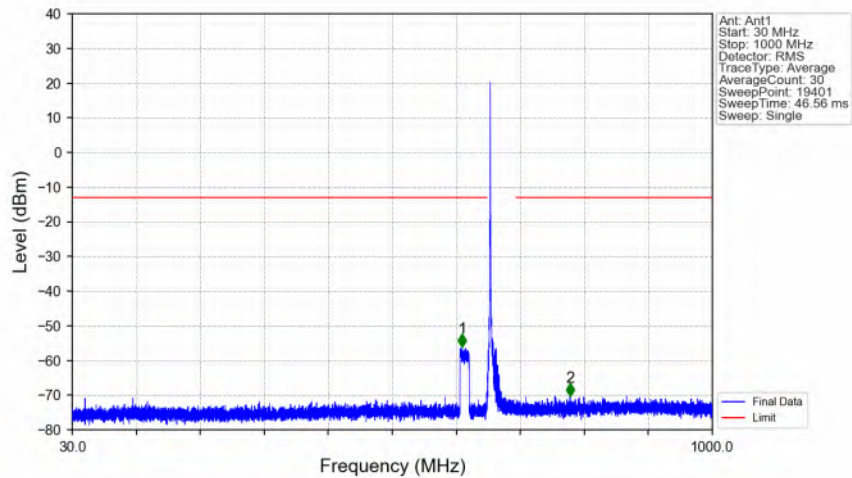
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.14245	CHP	/	/	/	/	/
698	699	0.14245	CHP	1	698.380	-36.20	-13	Pass
699	703	0.1	/	2	702.920	-37.93	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_670.5MHz_Edge_1RB_Left_Ant1



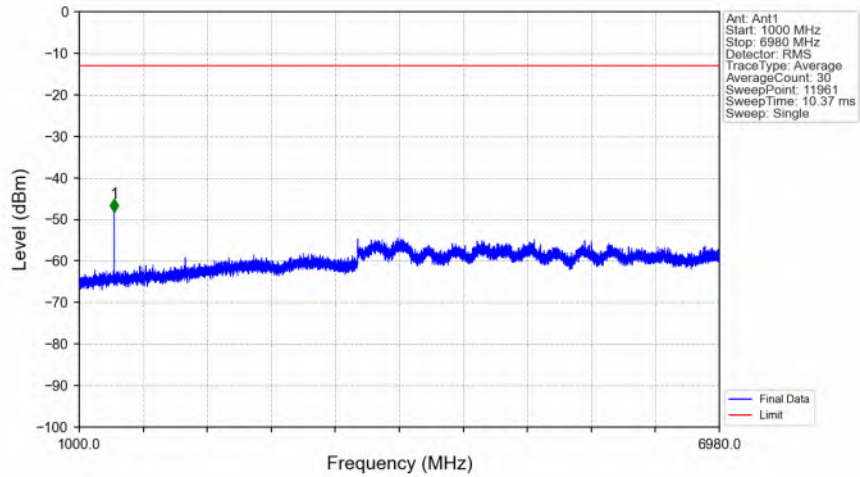
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.926	-51.29	-13	Pass
662	663	0.003	/	2	662.992	-32.92	-13	Pass
663	678	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_670.5MHz_Edge_1RB_Left_Ant1



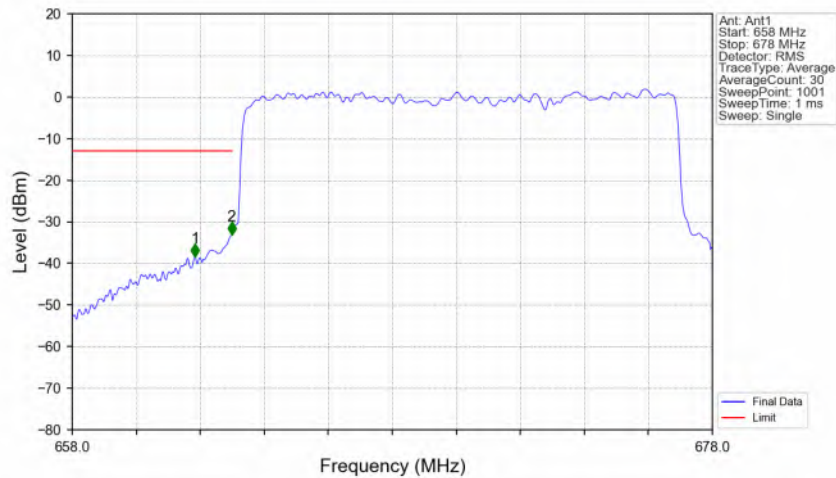
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	620.850	-56.01	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	784.350	-70.30	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_670.5MHz_Edge_1RB_Left_Ant1



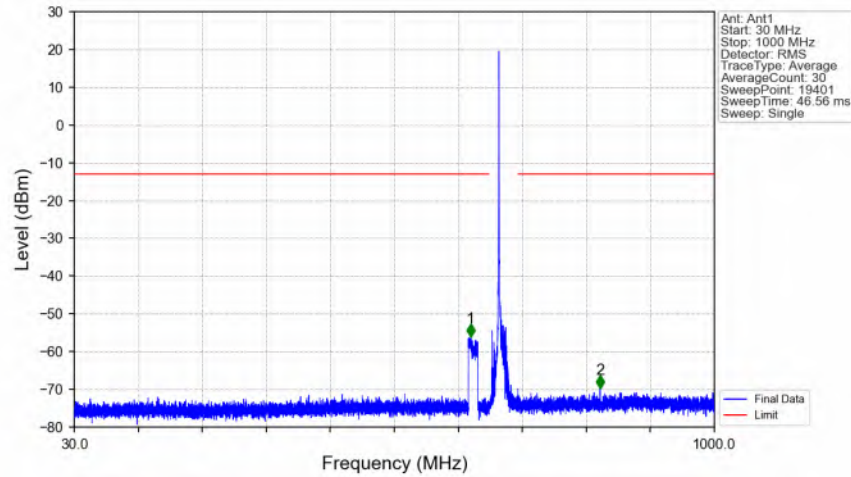
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1327.000	-48.19	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_670.5MHz_Outer_Full_Ant1



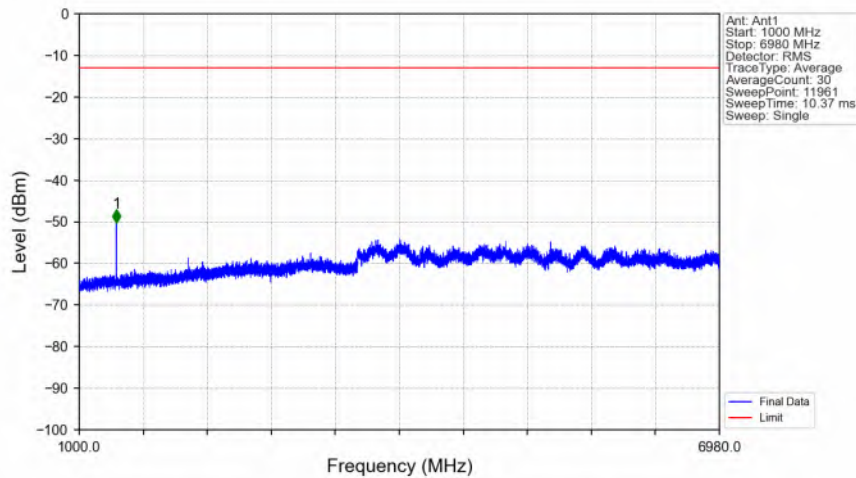
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	661.840	-38.36	-13	Pass
662	663	0.14245	CHP	2	662.980	-33.07	-13	Pass
663	678	0.14245	CHP	/	/	/	/	/

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant1



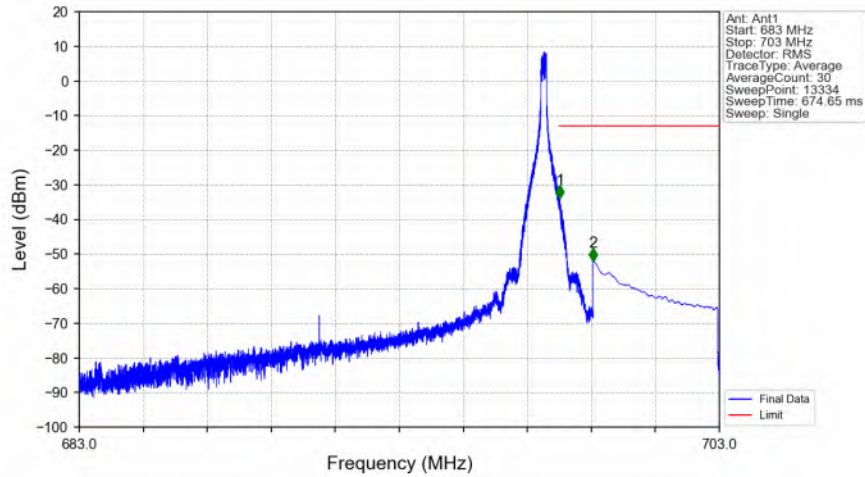
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	630.850	-56.09	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	826.750	-69.75	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant1



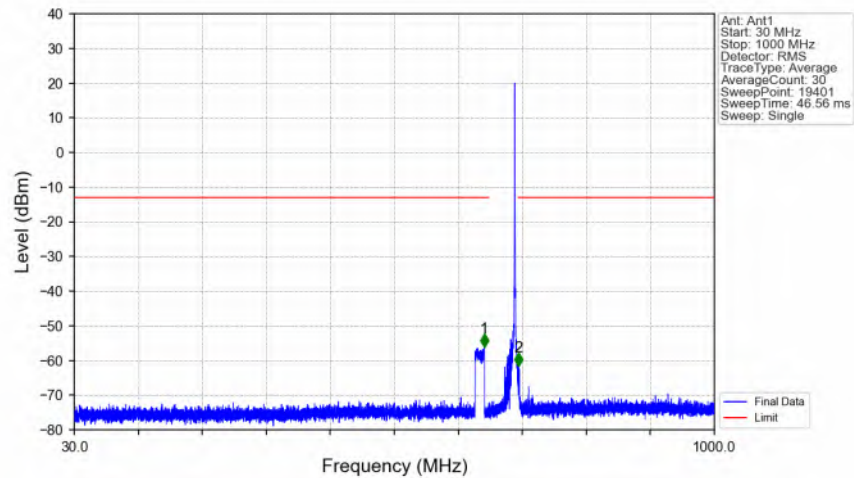
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1347.000	-50.13	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_690.5MHz_Edge_1RB_Right_Ant1



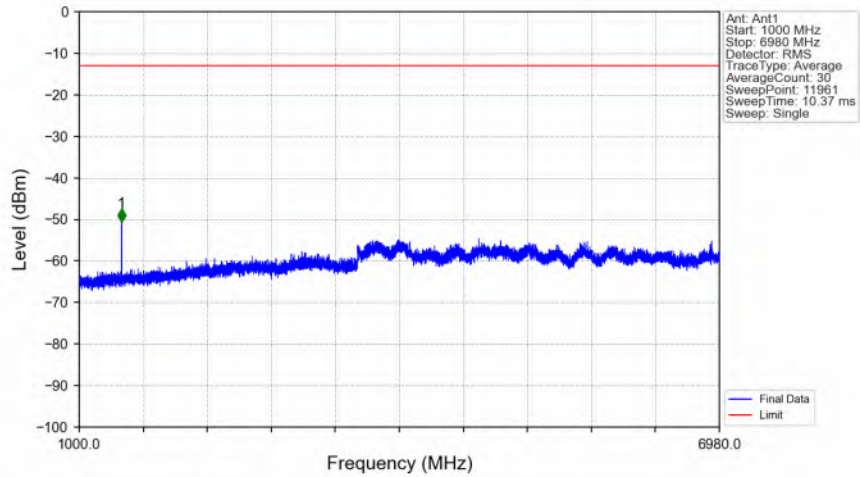
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.021	-33.82	-13	Pass
699	703	0.1	CHP	2	699.050	-52.16	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_690.5MHz_Edge_1RB_Right_Ant1



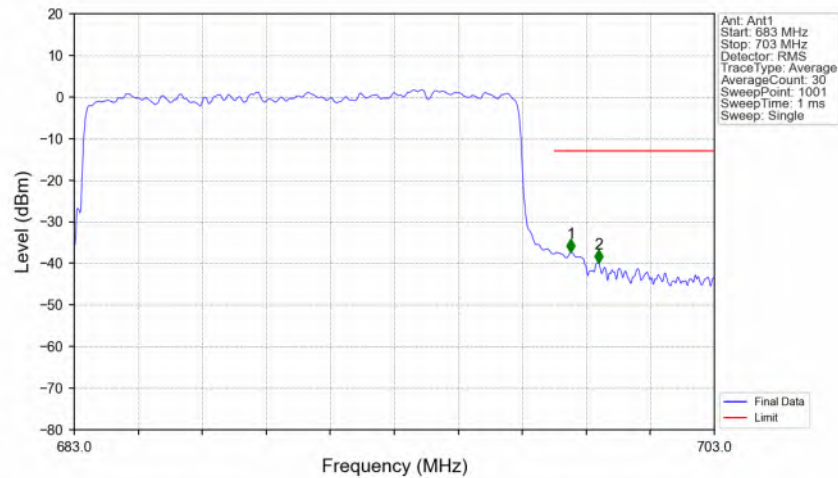
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	651.200	-56.03	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.550	-61.63	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_690.5MHz_Edge_1RB_Right_Ant1



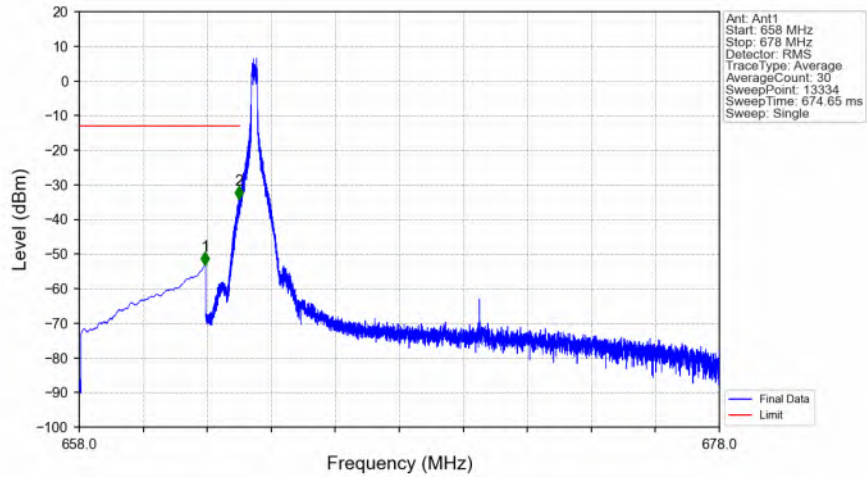
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1395.000	-50.50	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_690.5MHz_Outer_Full_Ant1



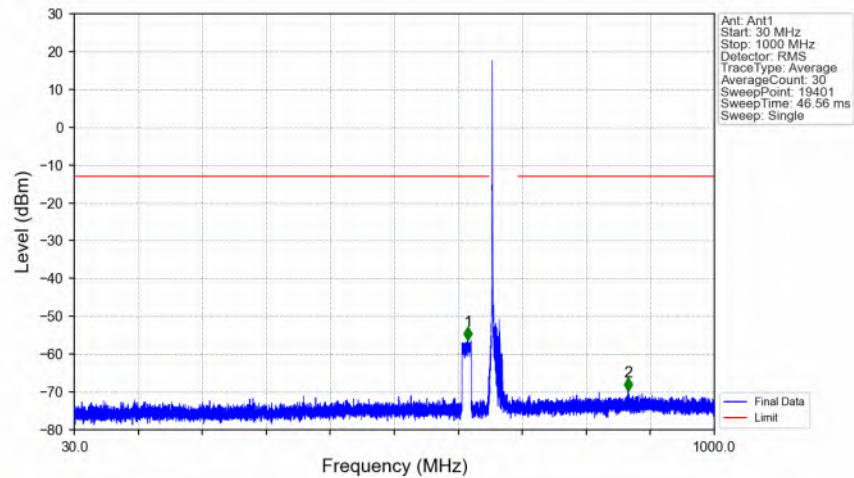
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.14245	CHP	/	/	/	/	/
698	699	0.14245	CHP	1	698.520	-37.32	-13	Pass
699	703	0.1	/	2	699.380	-39.89	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_670.5MHz_Edge_1RB_Left_Ant1



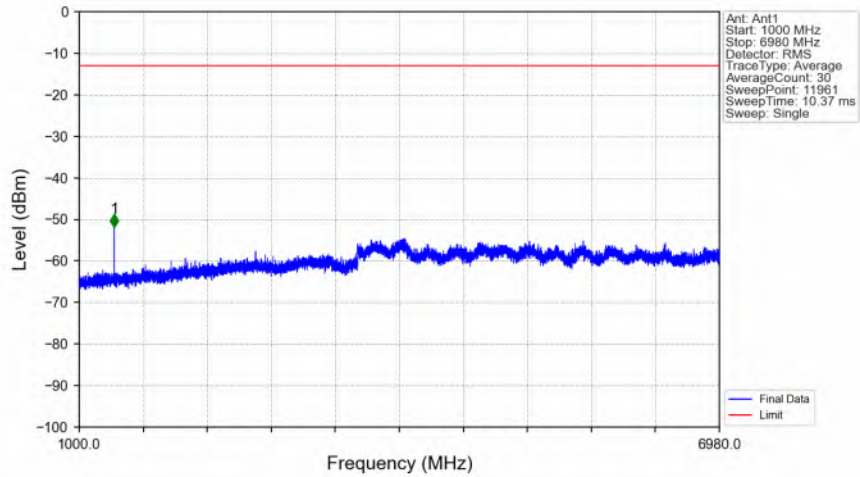
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.933	-53.09	-13	Pass
662	663	0.003	/	2	662.989	-34.10	-13	Pass
663	678	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_670.5MHz_Edge_1RB_Left_Ant1



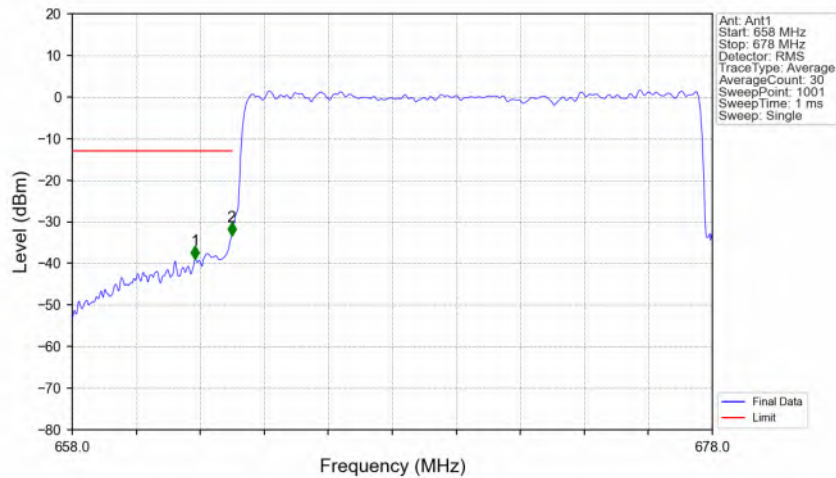
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	626.350	-56.39	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	869.100	-69.67	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_670.5MHz_Edge_1RB_Left_Ant1



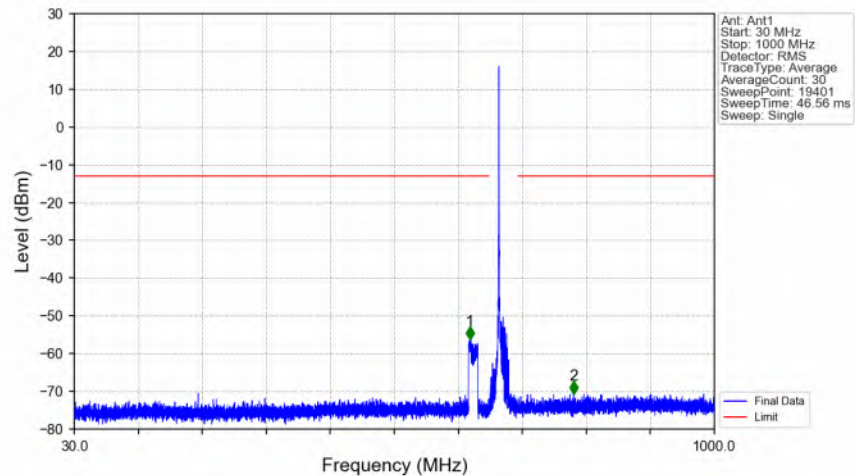
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1327.000	-51.89	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_670.5MHz_Outer_Full_Ant1



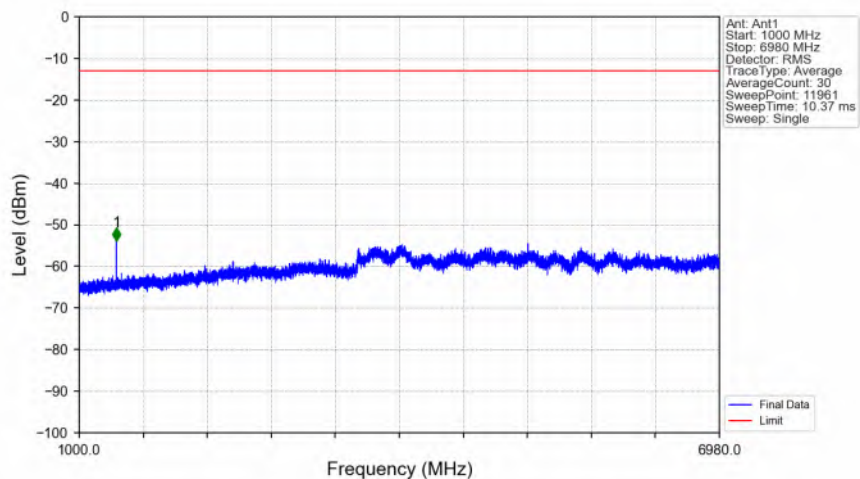
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	661.840	-38.96	-13	Pass
662	663	0.14245	CHP	2	662.980	-33.30	-13	Pass
663	678	0.14245	CHP	/	/	/	/	/

n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_680.5MHz_Edge_1RB_Left_Ant1



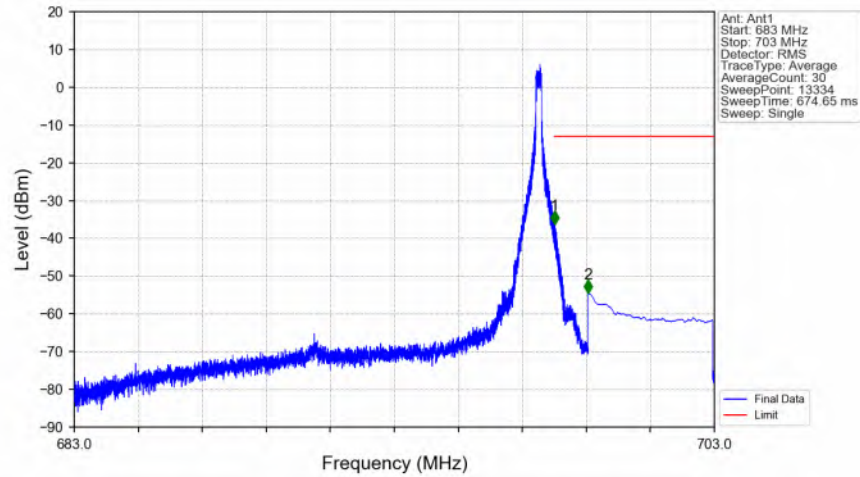
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	629.100	-56.21	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	786.450	-70.66	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_680.5MHz_Edge_1RB_Left_Ant1



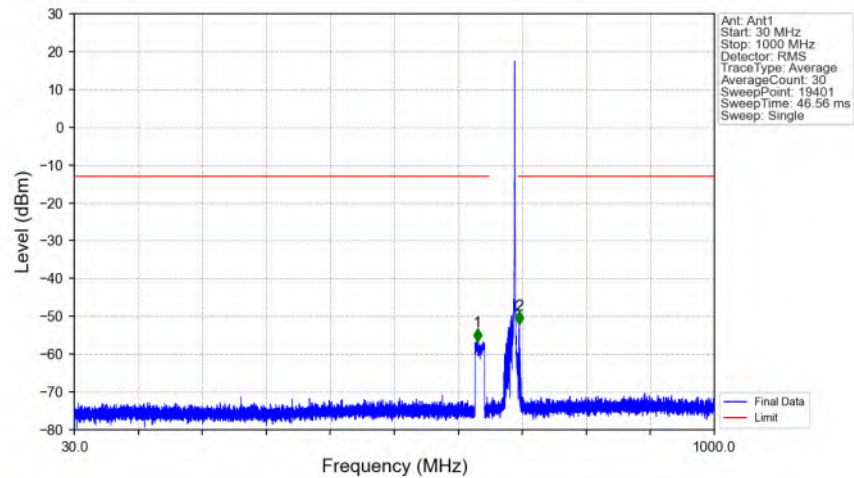
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1347.000	-53.89	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_690.5MHz_Edge_1RB_Right_Ant1



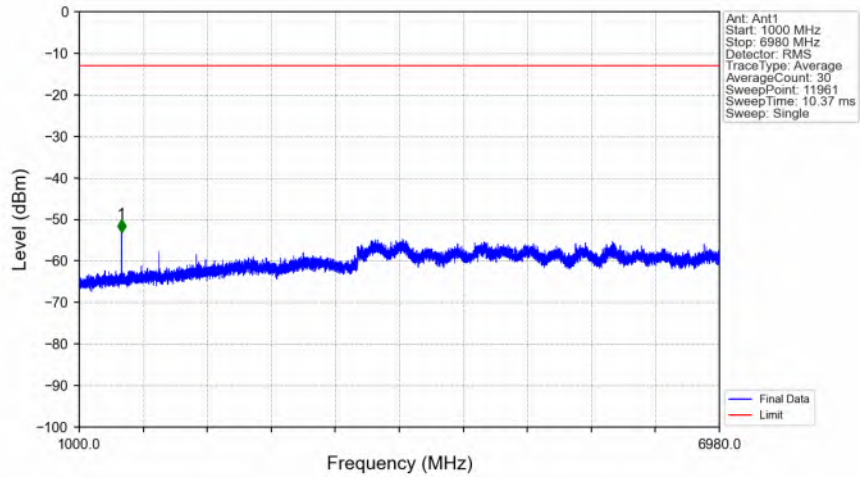
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.008	-36.22	-13	Pass
699	703	0.1	CHP	2	699.053	-54.49	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_690.5MHz_Edge_1RB_Right_Ant1



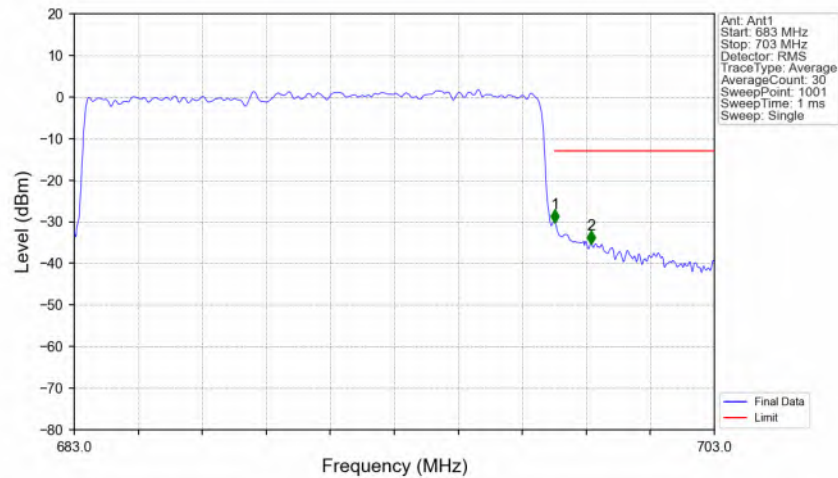
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	640.850	-56.60	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	704.500	-52.11	-13	Pass

n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_690.5MHz_Edge_1RB_Right_Ant1



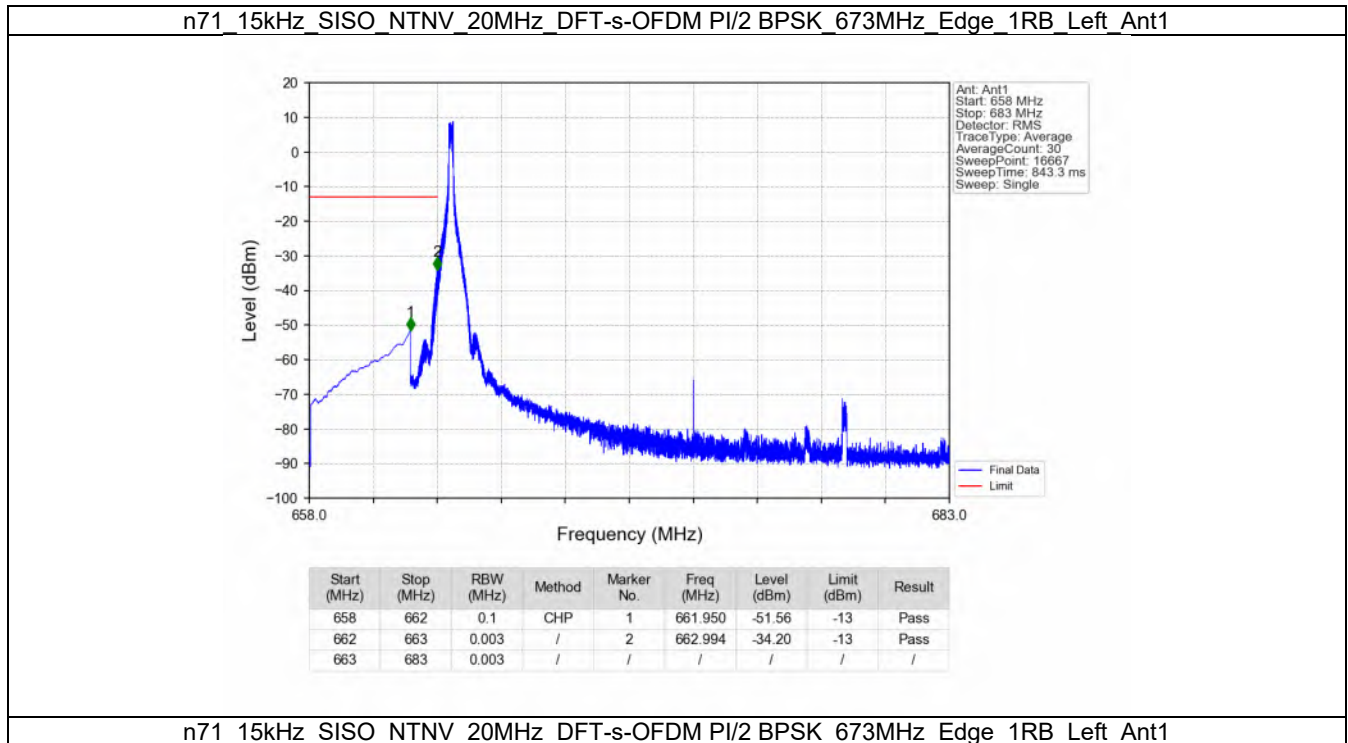
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1395.000	-53.05	-13	Pass

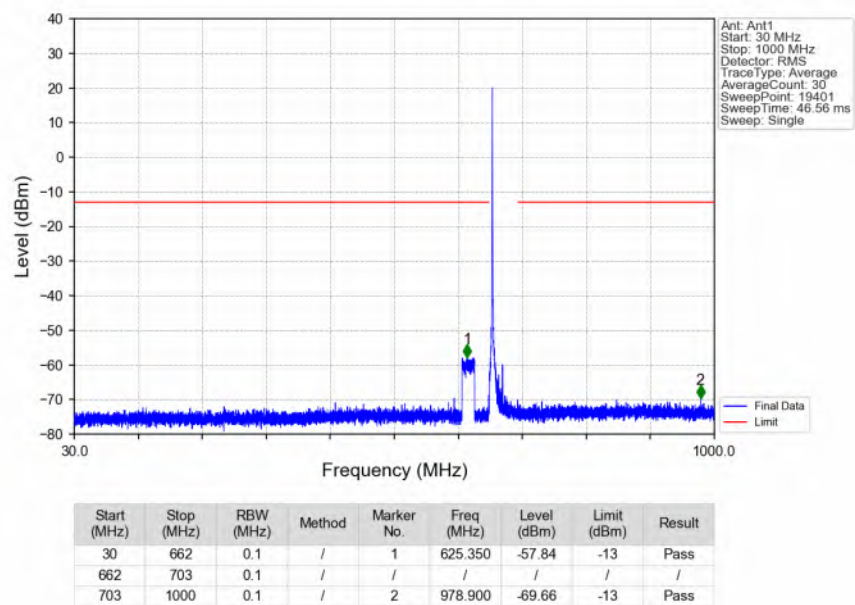
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_690.5MHz_Outer_Full_Ant1



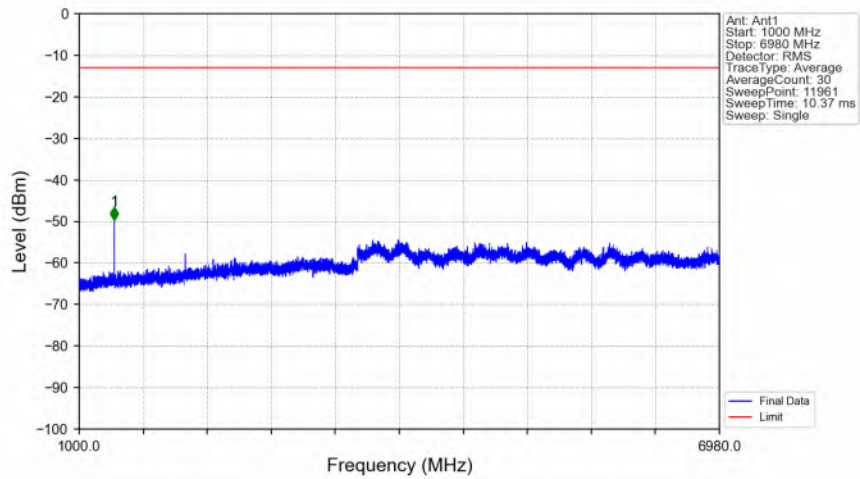
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.14245	CHP	/	/	/	/	/
698	699	0.14245	CHP	1	698.020	-30.14	-13	Pass
699	703	0.1	/	2	699.140	-35.24	-13	Pass

5.2.3 15_S_20M_NTNV



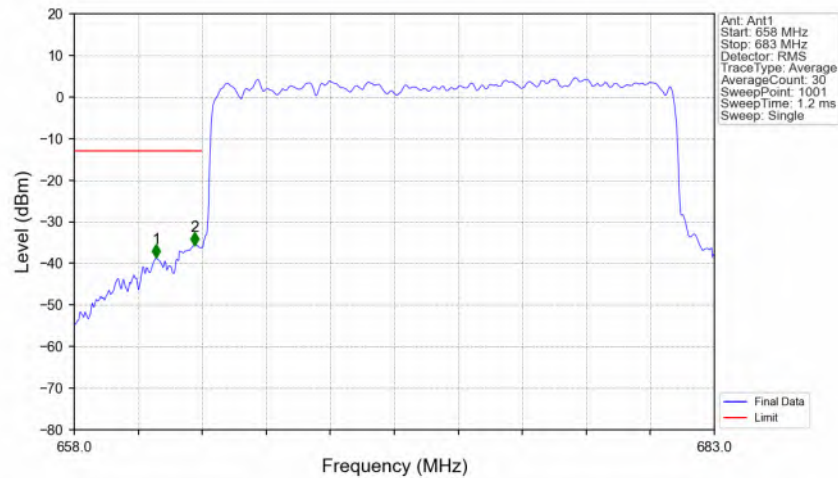


n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_673MHz_Edge_1RB_Left_Ant1



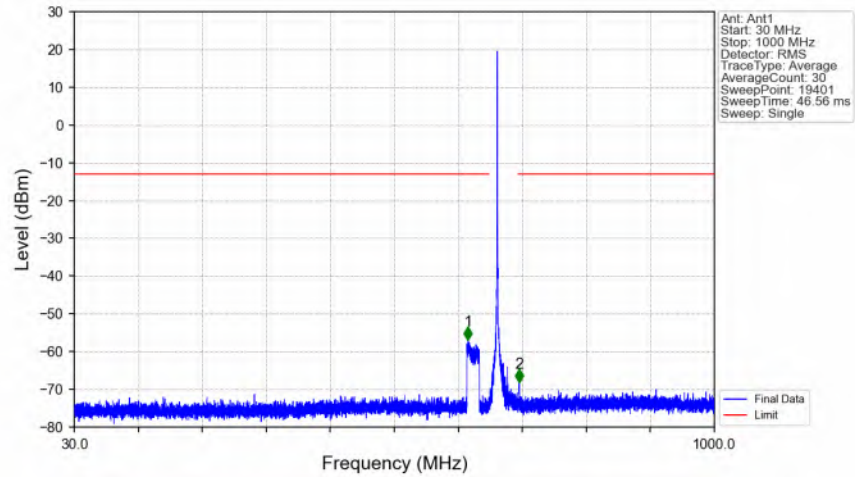
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1327.000	-49.66	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_673MHz_Outer_Full_Ant1



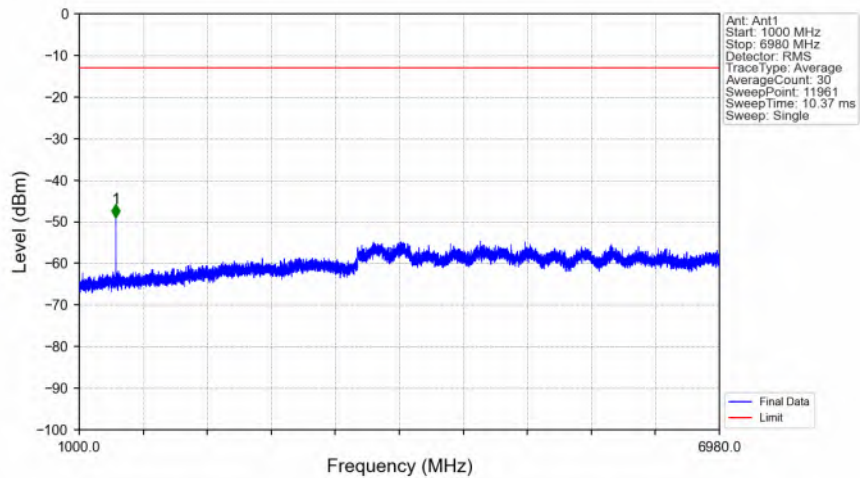
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	661.200	-38.64	-13	Pass
662	663	0.18689	CHP	2	662.700	-35.64	-13	Pass
663	683	0.18689	CHP	/	/	/	/	/

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_680.5MHz_Edge_1RB_Left_Ant1



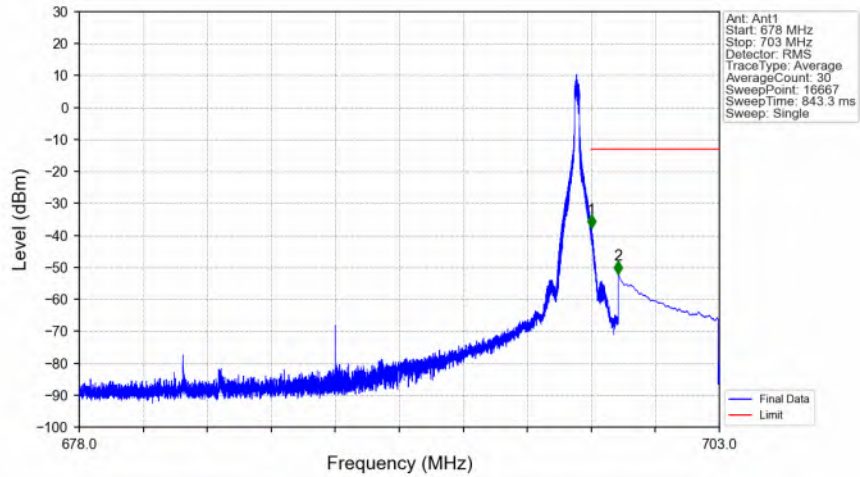
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	626.600	-56.94	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	704.350	-68.21	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_680.5MHz_Edge_1RB_Left_Ant1



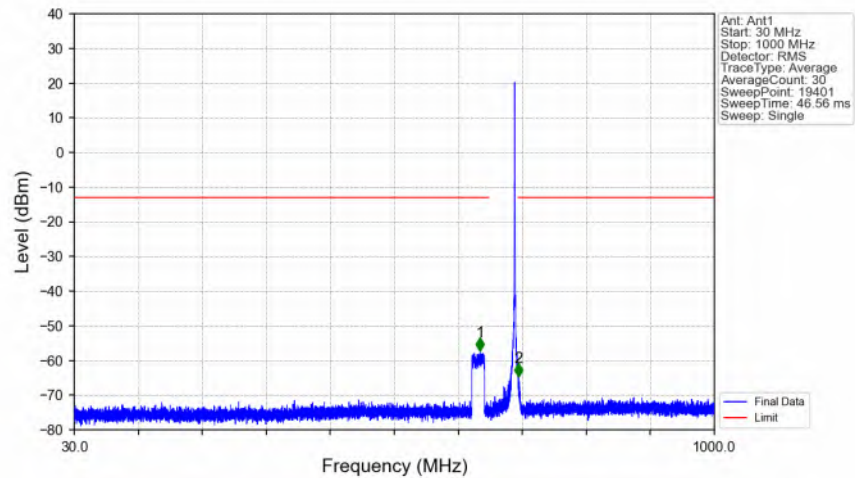
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1342.000	-48.92	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_688MHz_Edge_1RB_Right_Ant1



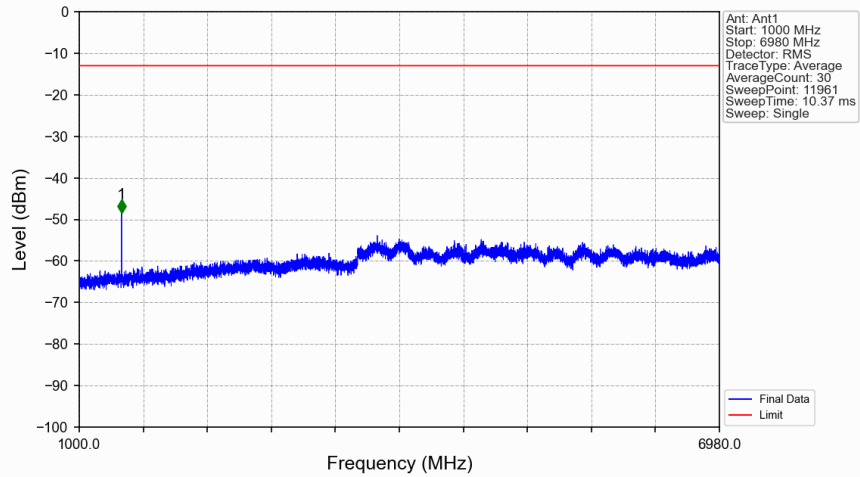
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.006	-37.74	-13	Pass
699	703	0.1	CHP	2	699.050	-52.10	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_688MHz_Edge_1RB_Right_Ant1



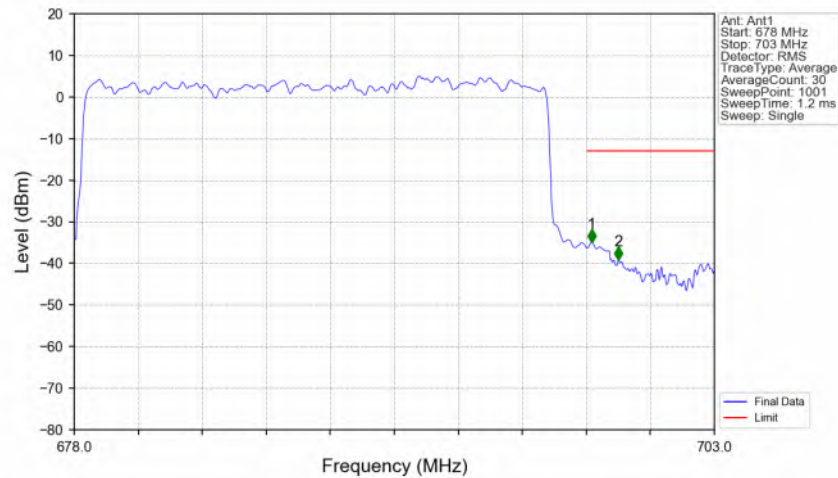
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	645.100	-57.17	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.550	-64.65	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_688MHz_Edge_1RB_Right_Ant1



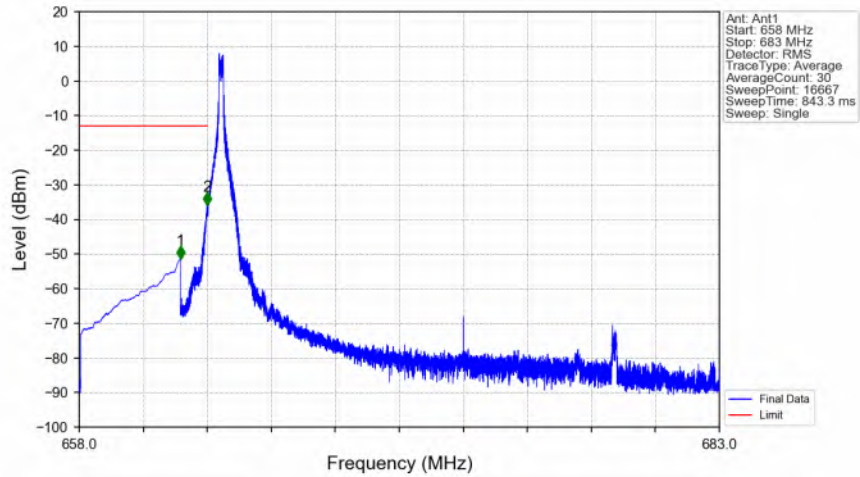
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1395.000	-48.45	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_688MHz_Outer_Full_Ant1



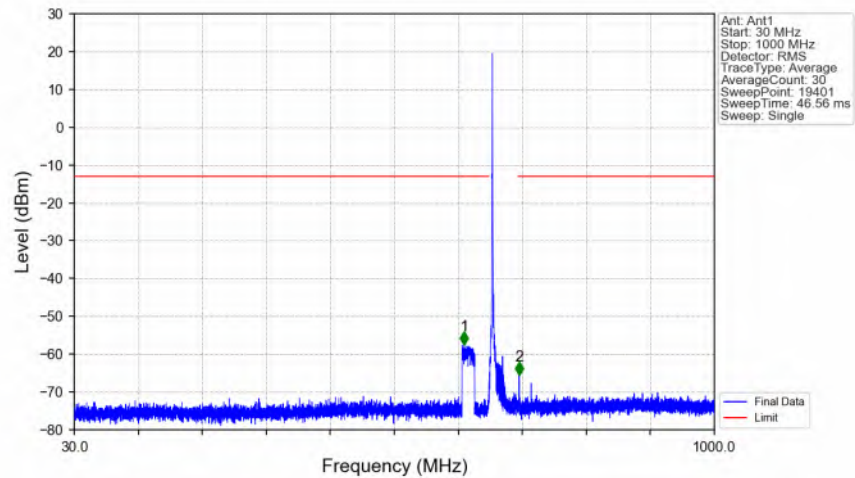
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.18689	CHP	/	/	/	/	/
698	699	0.18689	CHP	1	698.200	-34.95	-13	Pass
699	703	0.1	/	2	699.250	-39.06	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_673MHz_Edge_1RB_Left_Ant1



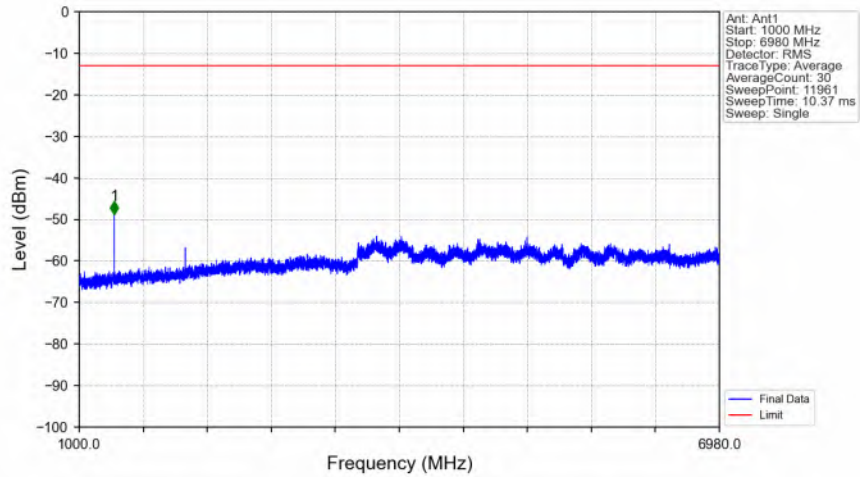
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.950	-51.31	-13	Pass
662	663	0.003	/	2	662.991	-35.81	-13	Pass
663	683	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_673MHz_Edge_1RB_Left_Ant1



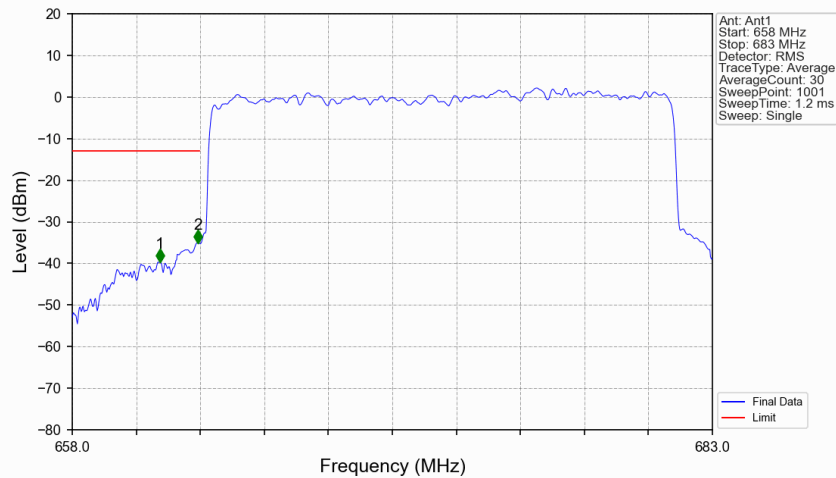
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	620.900	-57.48	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	704.050	-65.44	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_673MHz_Edge_1RB_Left_Ant1



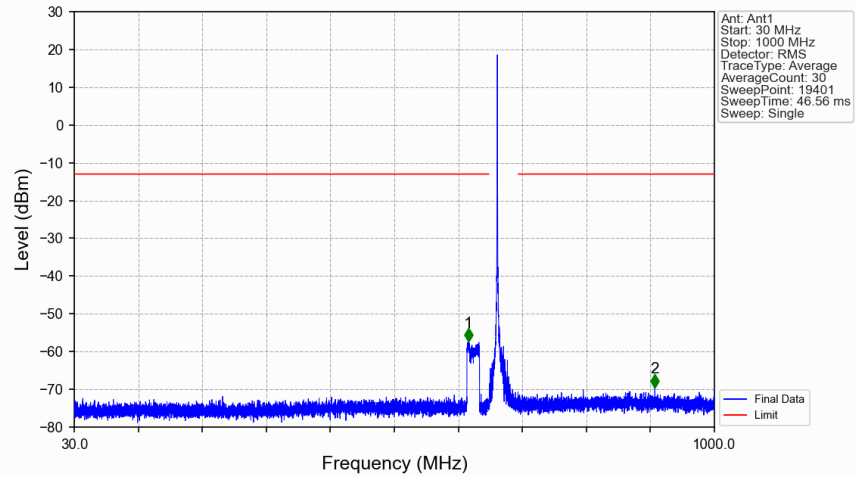
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1327.000	-48.79	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_673MHz_Outer_Full_Ant1



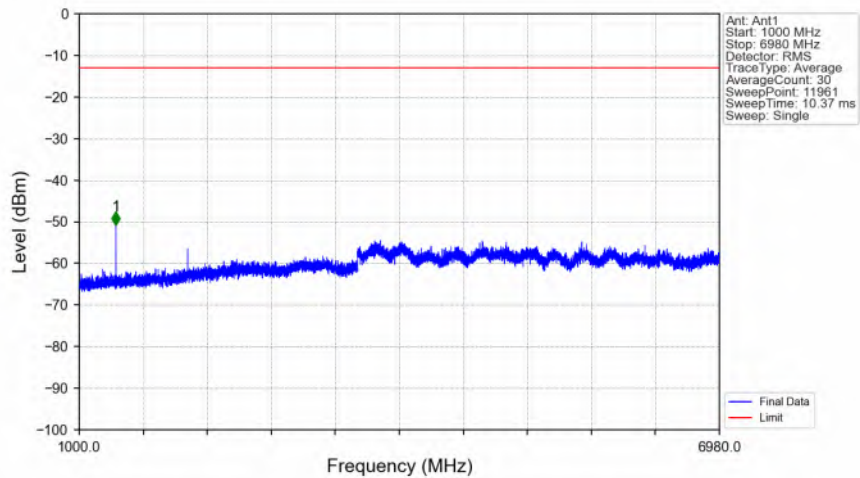
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	661.425	-39.64	-13	Pass
662	663	0.18689	CHP	2	662.900	-35.06	-13	Pass
663	683	0.18689	CHP	/	/	/	/	/

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant1



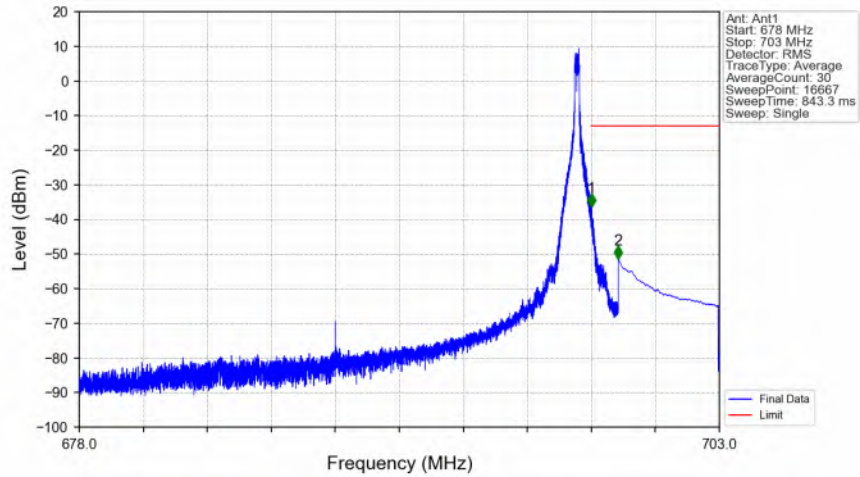
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	627.350	-57.39	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	909.750	-69.42	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant1



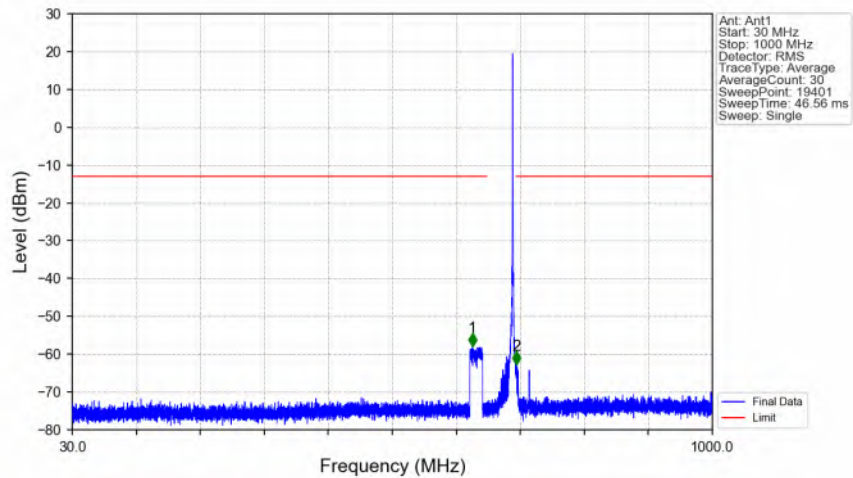
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1342.000	-50.77	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_688MHz_Edge_1RB_Right_Ant1



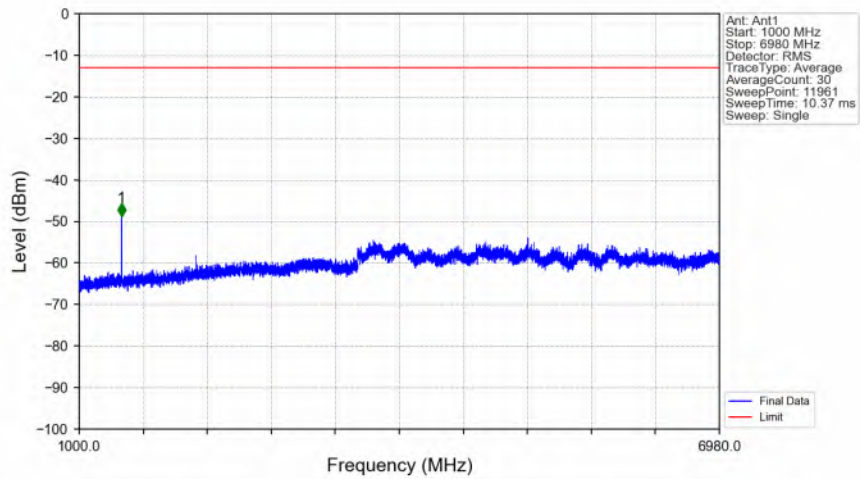
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.006	-36.41	-13	Pass
699	703	0.1	CHP	2	699.050	-51.37	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_688MHz_Edge_1RB_Right_Ant1



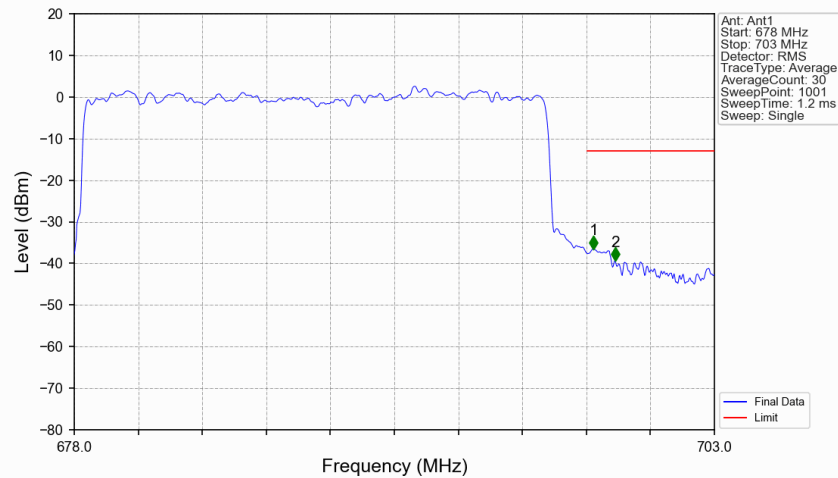
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	636.400	-57.89	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	703.150	-62.64	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_688MHz_Edge_1RB_Right_Ant1



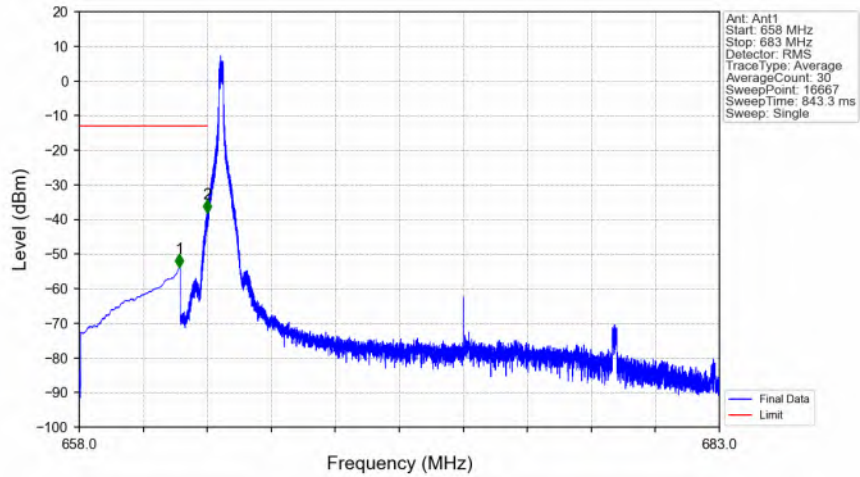
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1395.000	-48.83	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_688MHz_Outer_Full_Ant1



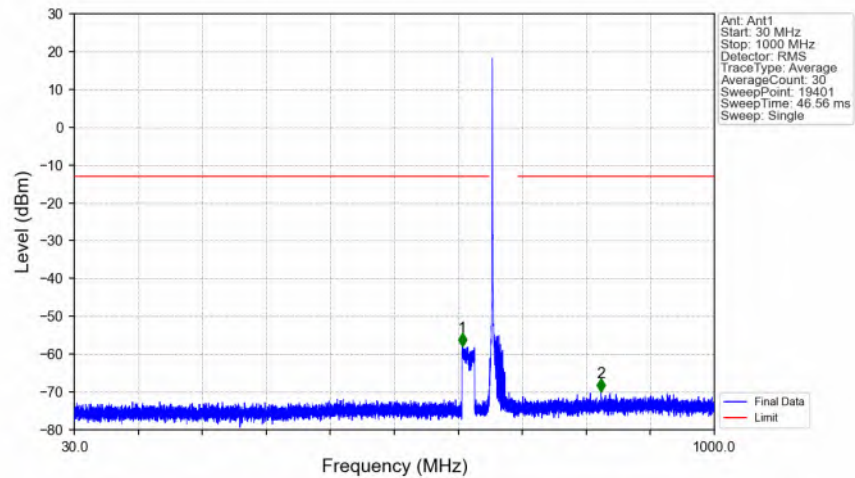
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.18689	CHP	/	/	/	/	/
698	699	0.18689	CHP	1	698.275	-36.50	-13	Pass
699	703	0.1	/	2	699.125	-39.38	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_673MHz_Edge_1RB_Left_Ant1



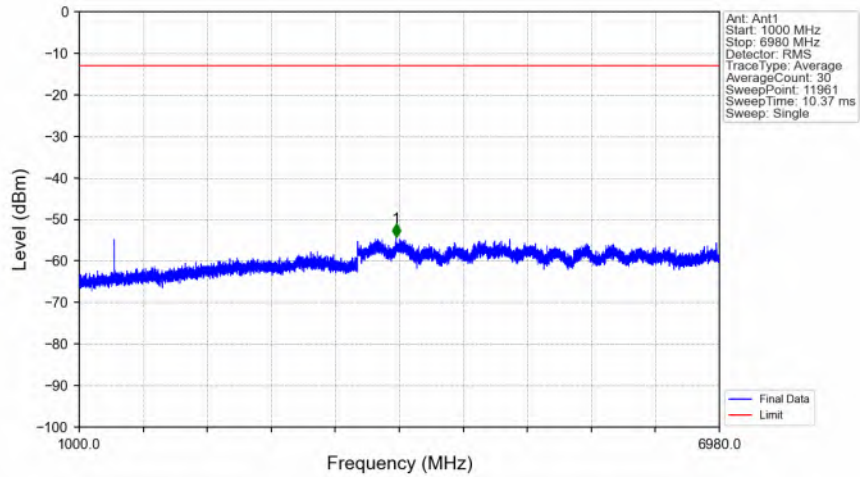
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.915	-53.82	-13	Pass
662	663	0.003	/	2	662.989	-38.18	-13	Pass
663	683	0.003	/	/	/	/	/	/

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_673MHz_Edge_1RB_Left_Ant1



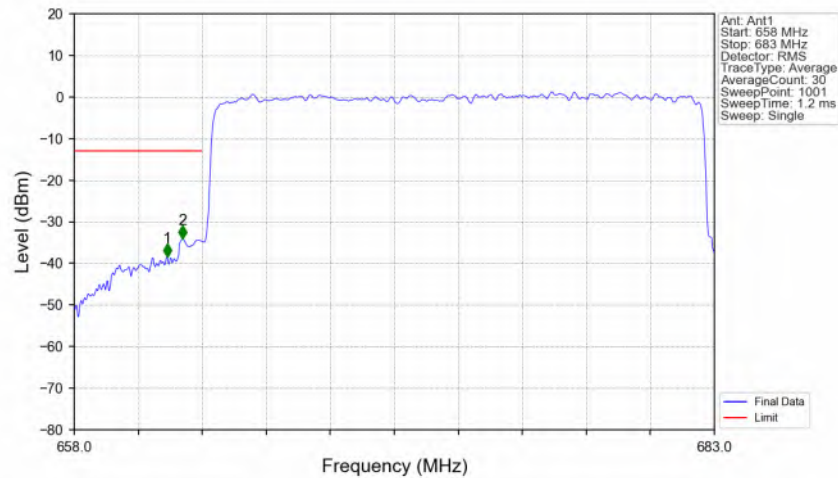
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	617.950	-57.98	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	828.350	-69.89	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_673MHz_Edge_1RB_Left_Ant1



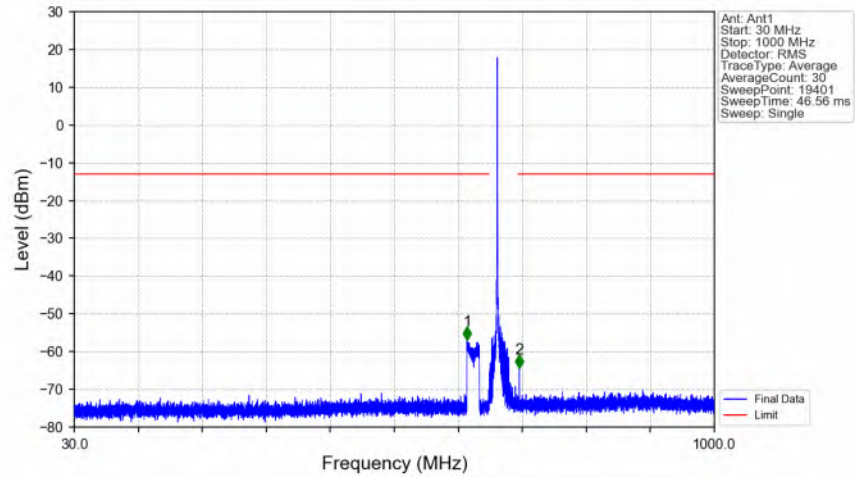
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	3959.500	-54.26	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_673MHz_Outer_Full_Ant1



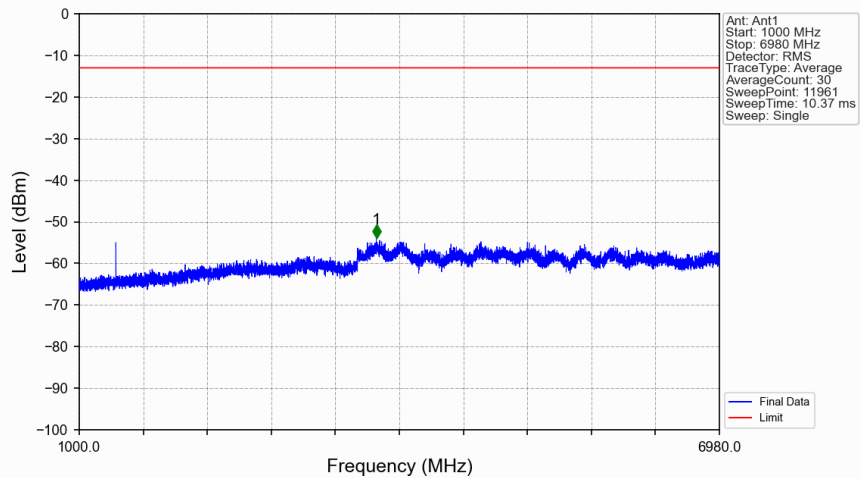
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	661.625	-38.38	-13	Pass
662	663	0.18689	CHP	2	662.225	-34.10	-13	Pass
663	683	0.18689	CHP	/	/	/	/	/

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_680.5MHz_Edge_1RB_Left_Ant1



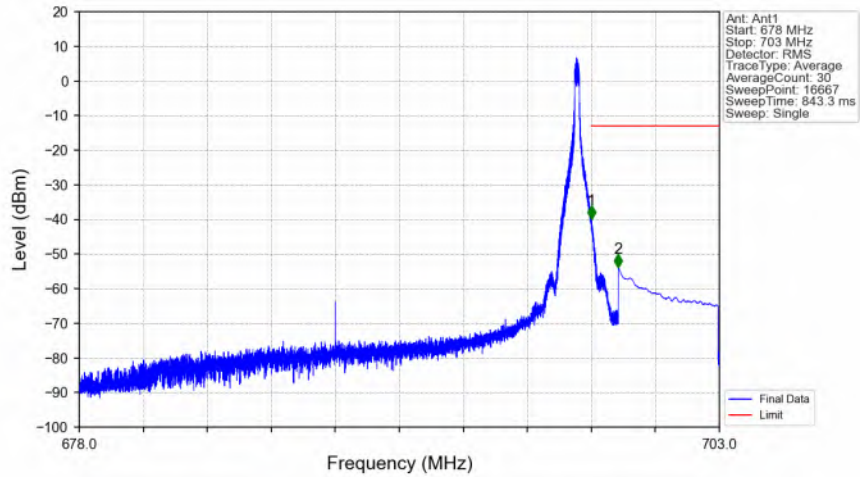
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	625.200	-56.92	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	704.500	-64.28	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_680.5MHz_Edge_1RB_Left_Ant1



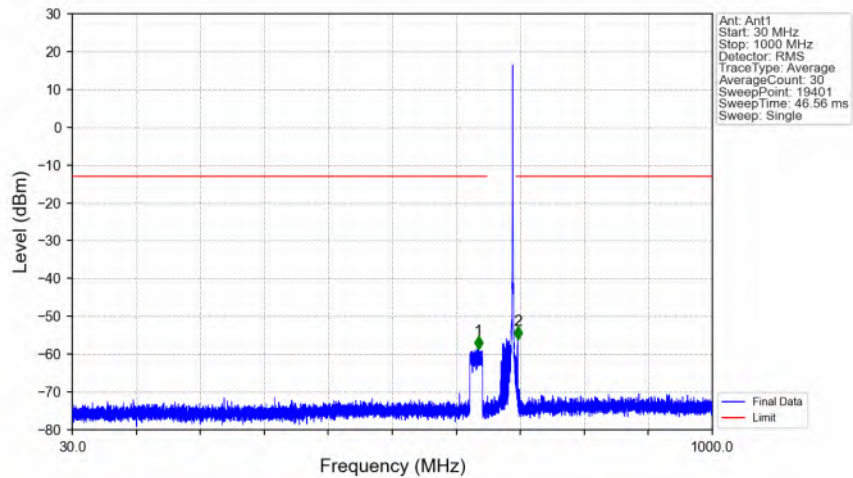
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	3774.500	-53.93	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_688MHz_Edge_1RB_Right_Ant1



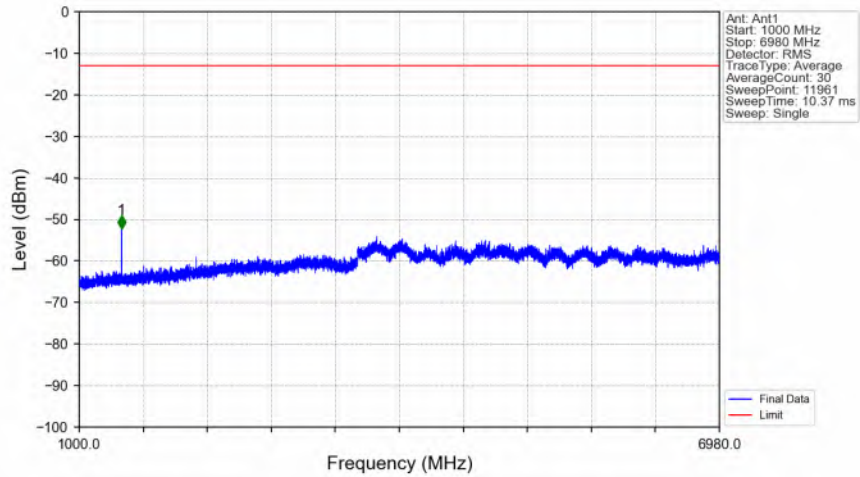
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.000	-39.88	-13	Pass
699	703	0.1	CHP	2	699.055	-53.80	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_688MHz_Edge_1RB_Right_Ant1



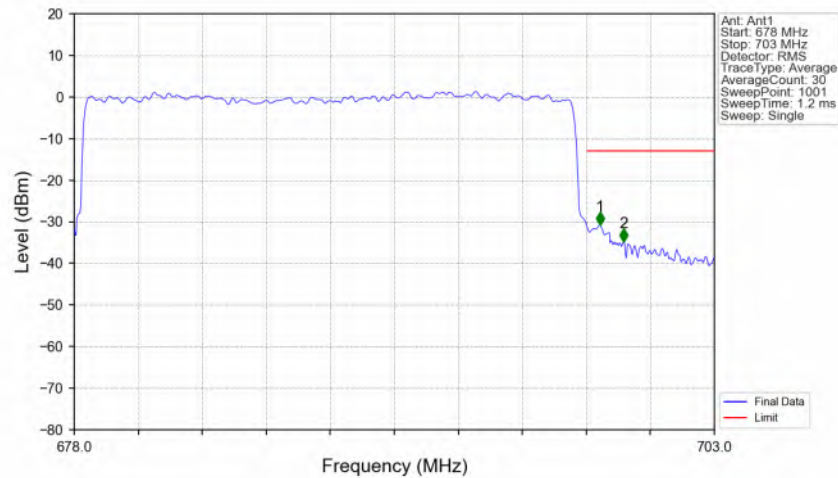
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	645.600	-58.73	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	705.000	-56.18	-13	Pass

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
1000	6980	1	/	1	1395.000	-52.28	-13	Pass

n71_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_688MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.18689	CHP	/	/	/	/	/
698	699	0.18689	CHP	1	698.525	-30.82	-13	Pass
699	703	0.1	/	2	699.450	-34.82	-13	Pass



6. Frequency Stability (IC)

6.1 Test Result

6.1.1 15_S_20M

5G NR n71 SCS=15kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	OBW (FL - FH) (MHz)		Limit	Verdict
					FL	FH		
DFT-s-OFDM QPSK	680.5	Outer_Full	20	LV	670.872	689.067	668 to 693	Pass
				HV	670.862	689.060	668 to 693	Pass
			-30	NV	670.866	689.064	668 to 693	Pass
			-20	NV	670.867	689.066	668 to 693	Pass
			-10	NV	670.866	689.057	668 to 693	Pass
			0	NV	670.855	689.065	668 to 693	Pass
			10	NV	670.863	689.071	668 to 693	Pass
			20	NV	670.874	689.056	668 to 693	Pass
			30	NV	670.854	689.063	668 to 693	Pass
			40	NV	670.858	689.053	668 to 693	Pass
			50	NV	670.863	689.064	668 to 693	Pass

---End of Attachment---