1. Frequency Stability

1.1 30k_SISO_20MHz

1.1.1 Test Result

5G NR n78d SCS=30kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	-30.70	-0.0085	>=-2.5 & <=2.5	Pass
				HV	-31.20	-0.0086	>=-2.5 & <=2.5	Pass
			-30	NV	-19.50	-0.0054	>=-2.5 & <=2.5	Pass
			-20	NV	-15.80	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-20.20	-0.0056	>=-2.5 & <=2.5	Pass
			0	NV	-13.80	-0.0038	>=-2.5 & <=2.5	Pass
			10	NV	-25.30	-0.0070	>=-2.5 & <=2.5	Pass
			20	NV	-41.30	-0.0114	>=-2.5 & <=2.5	Pass
			30	NV	-35.80	-0.0099	>=-2.5 & <=2.5	Pass
			40	NV	-16.20	-0.0045	>=-2.5 & <=2.5	Pass
			50	NV	-15.50	-0.0043	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-20.90	-0.0058	>=-2.5 & <=2.5	Pass
				HV	-36.40	-0.0100	>=-2.5 & <=2.5	Pass
			-30	NV	-18.30	-0.0050	>=-2.5 & <=2.5	Pass
			-20	NV	-32.90	-0.0091	>=-2.5 & <=2.5	Pass
			-10	NV	12.50	0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-14.10	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-28.10	-0.0078	>=-2.5 & <=2.5	Pass
			20	NV	-14.40	-0.0040	>=-2.5 & <=2.5	Pass
			30	NV	-26.40	-0.0073	>=-2.5 & <=2.5	Pass
			40	NV	-28.30	-0.0078	>=-2.5 & <=2.5	Pass
			50	NV	-29.90	-0.0082	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-14.10	-0.0039	>=-2.5 & <=2.5	Pass
				HV	-20.70	-0.0057	>=-2.5 & <=2.5	Pass
			-30	NV	-19.30	-0.0053	>=-2.5 & <=2.5	Pass
			-20	NV	-27.50	-0.0076	>=-2.5 & <=2.5	Pass
			-10	NV	-26.10	-0.0072	>=-2.5 & <=2.5	Pass
			0	NV	-9.40	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-18.10	-0.0050	>=-2.5 & <=2.5	Pass
			20	NV	-35.70	-0.0098	>=-2.5 & <=2.5	Pass
			30	NV	-21.60	-0.0060	>=-2.5 & <=2.5	Pass
			40	NV	-25.20	-0.0070	>=-2.5 & <=2.5	Pass
			50	NV	-41.90	-0.0116	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-9.00	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-18.10	-0.0050	>=-2.5 & <=2.5	Pass
			-30	NV	-33.40	-0.0092	>=-2.5 & <=2.5	Pass
			-20	NV	-12.70	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-22.70	-0.0063	>=-2.5 & <=2.5	Pass
			0	NV	-19.10	-0.0053	>=-2.5 & <=2.5	Pass
			10	NV	-30.70	-0.0085	>=-2.5 & <=2.5	Pass
			20	NV	-9.90	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-29.40	-0.0081	>=-2.5 & <=2.5	Pass
			40	NV	-37.50	-0.0103	>=-2.5 & <=2.5	Pass
			50	NV	-28.40	-0.0078	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-9.30	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-18.30	-0.0050	>=-2.5 & <=2.5	Pass

			-30	NV	-27.00	-0.0074	>=-2.5 & <=2.5	Pass
			-20	NV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-20.70	-0.0057	>=-2.5 & <=2.5	Pass
			0	NV	-33.70	-0.0093	>=-2.5 & <=2.5	Pass
			10	NV	-9.50	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-18.50	-0.0051	>=-2.5 & <=2.5	Pass
			30	NV	-5.30	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-29.70	-0.0082	>=-2.5 & <=2.5	Pass
			50	NV	-10.30	-0.0028	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-19.30	-0.0053	>=-2.5 & <=2.5	Pass
				HV	-8.40	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-22.00	-0.0061	>=-2.5 & <=2.5	Pass
			-20	NV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-10.30	-0.0028	>=-2.5 & <=2.5	Pass
			0	NV	-21.30	-0.0059	>=-2.5 & <=2.5	Pass
			10	NV	-31.20	-0.0086	>=-2.5 & <=2.5	Pass
			20	NV	-1.80	-0.0005	>=-2.5 & <=2.5	Pass
			30	NV	-1.80	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	-2.70	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-24.50	-0.0068	>=-2.5 & <=2.5	Pass
			-30	NV	-12.10	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-23.70	-0.0065	>=-2.5 & <=2.5	Pass
			-10	NV	-22.30	-0.0062	>=-2.5 & <=2.5	Pass
			0	NV	-23.10	-0.0064	>=-2.5 & <=2.5	Pass
			10	NV	-17.00	-0.0047	>=-2.5 & <=2.5	Pass
			20	NV	-13.40	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-38.30	-0.0106	>=-2.5 & <=2.5	Pass
			40	NV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass
			50	NV	-12.80	-0.0035	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-29.00	-0.0080	>=-2.5 & <=2.5	Pass
				HV	-25.90	-0.0071	>=-2.5 & <=2.5	Pass
			-30	NV	-13.00	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	-16.10	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-16.80	-0.0046	>=-2.5 & <=2.5	Pass
			0	NV	-23.30	-0.0064	>=-2.5 & <=2.5	Pass
			10	NV	-28.60	-0.0079	>=-2.5 & <=2.5	Pass
			20	NV	-10.70	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-20.90	-0.0058	>=-2.5 & <=2.5	Pass
			40	NV	-23.70	-0.0065	>=-2.5 & <=2.5	Pass
			50	NV	-29.60	-0.0082	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-12.40	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-12.20	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-16.00	-0.0044	>=-2.5 & <=2.5	Pass
			-20	NV	-19.40	-0.0054	>=-2.5 & <=2.5	Pass
			-10	NV	-24.50	-0.0068	>=-2.5 & <=2.5	Pass
			0	NV	-22.80	-0.0063	>=-2.5 & <=2.5	Pass
			10	NV	-24.90	-0.0069	>=-2.5 & <=2.5	Pass
			20	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-18.30	-0.0050	>=-2.5 & <=2.5	Pass
			40	NV	-17.20	-0.0047	>=-2.5 & <=2.5	Pass
			50	NV	-22.30	-0.0062	>=-2.5 & <=2.5	Pass

1.2 30k_SISO_30MHz

1.2.1 Test Result

5G NR n78d SCS=30kHz SISO 30MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	5.20	0.0014	>=-2.5 & <=2.5	Pass
				HV	13.40	0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-28.70	-0.0079	>=-2.5 & <=2.5	Pass
			-20	NV	-27.70	-0.0076	>=-2.5 & <=2.5	Pass
			-10	NV	-18.40	-0.0051	>=-2.5 & <=2.5	Pass
			0	NV	-20.60	-0.0057	>=-2.5 & <=2.5	Pass
			10	NV	-11.60	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-11.60	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-26.80	-0.0074	>=-2.5 & <=2.5	Pass
			50	NV	-32.20	-0.0089	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-18.50	-0.0051	>=-2.5 & <=2.5	Pass
				HV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-8.00	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-31.10	-0.0086	>=-2.5 & <=2.5	Pass
			-10	NV	-15.70	-0.0043	>=-2.5 & <=2.5	Pass
			0	NV	-11.00	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-22.40	-0.0062	>=-2.5 & <=2.5	Pass
			20	NV	-13.20	-0.0036	>=-2.5 & <=2.5	Pass
			30	NV	-32.40	-0.0089	>=-2.5 & <=2.5	Pass
			40	NV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-23.30	-0.0064	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-27.00	-0.0074	>=-2.5 & <=2.5	Pass
				HV	-20.20	-0.0056	>=-2.5 & <=2.5	Pass
			-30	NV	-37.40	-0.0103	>=-2.5 & <=2.5	Pass
			-20	NV	-5.80	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-23.00	-0.0063	>=-2.5 & <=2.5	Pass
			0	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-20.90	-0.0058	>=-2.5 & <=2.5	Pass
			20	NV	-23.50	-0.0065	>=-2.5 & <=2.5	Pass
			30	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-41.40	-0.0114	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-24.90	-0.0069	>=-2.5 & <=2.5	Pass
				HV	-20.00	-0.0055	>=-2.5 & <=2.5	Pass
			-30	NV	-33.40	-0.0092	>=-2.5 & <=2.5	Pass
			-20	NV	-25.90	-0.0071	>=-2.5 & <=2.5	Pass
			-10	NV	-14.50	-0.0040	>=-2.5 & <=2.5	Pass
			0	NV	-29.70	-0.0082	>=-2.5 & <=2.5	Pass
			10	NV	-5.80	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-12.20	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-25.20	-0.0070	>=-2.5 & <=2.5	Pass
			40	NV	-22.20	-0.0061	>=-2.5 & <=2.5	Pass
			50	NV	-11.60	-0.0032	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-28.20	-0.0078	>=-2.5 & <=2.5	Pass
				HV	-10.10	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-36.90	-0.0102	>=-2.5 & <=2.5	Pass
			-20	NV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-19.90	-0.0055	>=-2.5 & <=2.5	Pass
			0	NV	-15.70	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass

			20	NV	-18.60	-0.0051	>=-2.5 & <=2.5	Pass
			30	NV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-11.60	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-23.80	-0.0066	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-10.20	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-9.40	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-8.30	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-17.70	-0.0049	>=-2.5 & <=2.5	Pass
			0	NV	-15.10	-0.0042	>=-2.5 & <=2.5	Pass
			10	NV	-19.20	-0.0053	>=-2.5 & <=2.5	Pass
			20	NV	-23.60	-0.0065	>=-2.5 & <=2.5	Pass
			30	NV	-18.80	-0.0052	>=-2.5 & <=2.5	Pass
			40	NV	-30.00	-0.0083	>=-2.5 & <=2.5	Pass
			50	NV	-6.10	-0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-17.20	-0.0047	>=-2.5 & <=2.5	Pass
				HV	-31.80	-0.0088	>=-2.5 & <=2.5	Pass
			-30	NV	-20.60	-0.0057	>=-2.5 & <=2.5	Pass
			-20	NV	-26.60	-0.0073	>=-2.5 & <=2.5	Pass
			-10	NV	-38.10	-0.0105	>=-2.5 & <=2.5	Pass
			0	NV	-17.60	-0.0049	>=-2.5 & <=2.5	Pass
			10	NV	-24.40	-0.0067	>=-2.5 & <=2.5	Pass
			20	NV	-15.00	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	-26.30	-0.0073	>=-2.5 & <=2.5	Pass
			40	NV	-26.00	-0.0072	>=-2.5 & <=2.5	Pass
			50	NV	-6.90	-0.0019	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-29.60	-0.0082	>=-2.5 & <=2.5	Pass
				HV	-25.80	-0.0071	>=-2.5 & <=2.5	Pass
			-30	NV	-19.30	-0.0053	>=-2.5 & <=2.5	Pass
			-20	NV	-18.90	-0.0052	>=-2.5 & <=2.5	Pass
			-10	NV	-15.80	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-16.60	-0.0046	>=-2.5 & <=2.5	Pass
			10	NV	-20.40	-0.0056	>=-2.5 & <=2.5	Pass
			20	NV	-16.40	-0.0045	>=-2.5 & <=2.5	Pass
			30	NV	-28.20	-0.0078	>=-2.5 & <=2.5	Pass
			40	NV	-17.40	-0.0048	>=-2.5 & <=2.5	Pass
			50	NV	-29.40	-0.0081	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-10.90	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-10.00	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-25.90	-0.0071	>=-2.5 & <=2.5	Pass
			-10	NV	-8.30	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-23.10	-0.0064	>=-2.5 & <=2.5	Pass
			10	NV	-22.90	-0.0063	>=-2.5 & <=2.5	Pass
			20	NV	-27.90	-0.0077	>=-2.5 & <=2.5	Pass
			30	NV	-11.90	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-12.50	-0.0034	>=-2.5 & <=2.5	Pass

1.3 30k_SISO_40MHz

1.3.1 Test Result

5G NR n78d SCS=30kHz SISO 40MHz							
Modulation	Frequency	RB	Temp.	Volt.	Freq. Error	Freq. vs. rated (ppm)	Verdict

	(MHz)	Allocation	(°C)		(Hz)	Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	-15.00	-0.0041	>=-2.5 & <=2.5	Pass
				HV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-20.80	-0.0057	>=-2.5 & <=2.5	Pass
			-20	NV	-25.60	-0.0071	>=-2.5 & <=2.5	Pass
			-10	NV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-29.20	-0.0081	>=-2.5 & <=2.5	Pass
			10	NV	-23.80	-0.0066	>=-2.5 & <=2.5	Pass
			20	NV	-14.00	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	-13.00	-0.0036	>=-2.5 & <=2.5	Pass
			40	NV	-32.10	-0.0089	>=-2.5 & <=2.5	Pass
			50	NV	-18.00	-0.0050	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-10.80	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-19.30	-0.0053	>=-2.5 & <=2.5	Pass
			-30	NV	-5.80	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-25.60	-0.0071	>=-2.5 & <=2.5	Pass
			-10	NV	-37.20	-0.0103	>=-2.5 & <=2.5	Pass
			0	NV	-16.80	-0.0046	>=-2.5 & <=2.5	Pass
			10	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-12.90	-0.0036	>=-2.5 & <=2.5	Pass
			30	NV	-18.30	-0.0050	>=-2.5 & <=2.5	Pass
			40	NV	-33.20	-0.0092	>=-2.5 & <=2.5	Pass
			50	NV	-10.80	-0.0030	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-12.30	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-11.40	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-19.40	-0.0054	>=-2.5 & <=2.5	Pass
			-10	NV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-10.50	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-22.40	-0.0062	>=-2.5 & <=2.5	Pass
			20	NV	-27.40	-0.0076	>=-2.5 & <=2.5	Pass
			30	NV	-24.10	-0.0066	>=-2.5 & <=2.5	Pass
			40	NV	-17.60	-0.0049	>=-2.5 & <=2.5	Pass
			50	NV	-30.10	-0.0083	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	14.50	0.0040	>=-2.5 & <=2.5	Pass
				HV	10.10	0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-30.90	-0.0085	>=-2.5 & <=2.5	Pass
			-20	NV	-24.30	-0.0067	>=-2.5 & <=2.5	Pass
			-10	NV	-33.90	-0.0094	>=-2.5 & <=2.5	Pass
			0	NV	-9.20	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-13.10	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-21.80	-0.0060	>=-2.5 & <=2.5	Pass
			30	NV	-40.60	-0.0112	>=-2.5 & <=2.5	Pass
			40	NV	-16.00	-0.0044	>=-2.5 & <=2.5	Pass
			50	NV	-14.70	-0.0041	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	3.40	0.0009	>=-2.5 & <=2.5	Pass
				HV	-21.50	-0.0059	>=-2.5 & <=2.5	Pass
			-30	NV	-33.50	-0.0092	>=-2.5 & <=2.5	Pass
			-20	NV	-8.60	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-36.30	-0.0100	>=-2.5 & <=2.5	Pass
			0	NV	-40.00	-0.0110	>=-2.5 & <=2.5	Pass
			10	NV	-25.60	-0.0071	>=-2.5 & <=2.5	Pass
			20	NV	-8.80	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-18.30	-0.0050	>=-2.5 & <=2.5	Pass
			50	NV	4.80	0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-22.70	-0.0063	>=-2.5 & <=2.5	Pass

				HV	-17.30	-0.0048	>=-2.5 & <=2.5	Pass
			-30	NV	-17.40	-0.0048	>=-2.5 & <=2.5	Pass
			-20	NV	-18.40	-0.0051	>=-2.5 & <=2.5	Pass
			-10	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-9.20	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-28.70	-0.0079	>=-2.5 & <=2.5	Pass
			50	NV	-19.10	-0.0053	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	10.20	0.0028	>=-2.5 & <=2.5	Pass
				HV	-23.90	-0.0066	>=-2.5 & <=2.5	Pass
			-30	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-11.90	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-26.90	-0.0074	>=-2.5 & <=2.5	Pass
			0	NV	-16.20	-0.0045	>=-2.5 & <=2.5	Pass
			10	NV	-10.00	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-13.20	-0.0036	>=-2.5 & <=2.5	Pass
			30	NV	-21.20	-0.0058	>=-2.5 & <=2.5	Pass
			40	NV	-12.70	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	-6.10	-0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-17.10	-0.0047	>=-2.5 & <=2.5	Pass
				HV	-21.80	-0.0060	>=-2.5 & <=2.5	Pass
			-30	NV	-16.20	-0.0045	>=-2.5 & <=2.5	Pass
			-20	NV	-28.60	-0.0079	>=-2.5 & <=2.5	Pass
			-10	NV	-7.10	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-24.20	-0.0067	>=-2.5 & <=2.5	Pass
			10	NV	-24.20	-0.0067	>=-2.5 & <=2.5	Pass
			20	NV	-32.80	-0.0090	>=-2.5 & <=2.5	Pass
			30	NV	-20.30	-0.0056	>=-2.5 & <=2.5	Pass
			40	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-11.40	-0.0031	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-10.90	-0.0030	>=-2.5 & <=2.5	Pass
				HV	16.70	0.0046	>=-2.5 & <=2.5	Pass
			-30	NV	-25.50	-0.0070	>=-2.5 & <=2.5	Pass
			-20	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-23.80	-0.0066	>=-2.5 & <=2.5	Pass
			0	NV	2.00	0.0006	>=-2.5 & <=2.5	Pass
			10	NV	11.30	0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-19.40	-0.0054	>=-2.5 & <=2.5	Pass
			30	NV	-13.40	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-30.10	-0.0083	>=-2.5 & <=2.5	Pass

1.4 30k_SISO_50MHz

1.4.1 Test Result

5G NR n78d SCS=30kHz SISO 50MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	-9.70	-0.0027	>=-2.5 & <=2.5	Pass
				HV	-22.60	-0.0062	>=-2.5 & <=2.5	Pass
			-30	NV	-30.20	-0.0083	>=-2.5 & <=2.5	Pass
			-20	NV	-13.90	-0.0038	>=-2.5 & <=2.5	Pass

			-10	NV	-9.50	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-21.80	-0.0060	>=-2.5 & <=2.5	Pass
			10	NV	-28.70	-0.0079	>=-2.5 & <=2.5	Pass
			20	NV	-16.30	-0.0045	>=-2.5 & <=2.5	Pass
			30	NV	-23.40	-0.0065	>=-2.5 & <=2.5	Pass
			40	NV	-11.80	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-8.00	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-24.90	-0.0069	>=-2.5 & <=2.5	Pass
				HV	-28.90	-0.0080	>=-2.5 & <=2.5	Pass
			-30	NV	-15.40	-0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	-14.40	-0.0040	>=-2.5 & <=2.5	Pass
			-10	NV	-21.70	-0.0060	>=-2.5 & <=2.5	Pass
			0	NV	-23.10	-0.0064	>=-2.5 & <=2.5	Pass
			10	NV	13.10	0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-19.40	-0.0054	>=-2.5 & <=2.5	Pass
			30	NV	-30.10	-0.0083	>=-2.5 & <=2.5	Pass
			40	NV	-13.30	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	-12.30	-0.0034	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-13.80	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-21.70	-0.0060	>=-2.5 & <=2.5	Pass
			-30	NV	1.50	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	-15.20	-0.0042	>=-2.5 & <=2.5	Pass
			-10	NV	-17.80	-0.0049	>=-2.5 & <=2.5	Pass
			0	NV	-16.70	-0.0046	>=-2.5 & <=2.5	Pass
			10	NV	-13.40	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-24.80	-0.0068	>=-2.5 & <=2.5	Pass
			30	NV	-24.20	-0.0067	>=-2.5 & <=2.5	Pass
			40	NV	-18.00	-0.0050	>=-2.5 & <=2.5	Pass
			50	NV	4.10	0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-18.90	-0.0052	>=-2.5 & <=2.5	Pass
				HV	-34.70	-0.0096	>=-2.5 & <=2.5	Pass
			-30	NV	-8.80	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-32.00	-0.0088	>=-2.5 & <=2.5	Pass
			-10	NV	-20.00	-0.0055	>=-2.5 & <=2.5	Pass
			0	NV	-9.80	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-22.70	-0.0063	>=-2.5 & <=2.5	Pass
			20	NV	-12.00	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-17.60	-0.0049	>=-2.5 & <=2.5	Pass
			50	NV	-12.30	-0.0034	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	4.70	0.0013	>=-2.5 & <=2.5	Pass
				HV	-27.10	-0.0075	>=-2.5 & <=2.5	Pass
			-30	NV	-23.00	-0.0063	>=-2.5 & <=2.5	Pass
			-20	NV	-26.90	-0.0074	>=-2.5 & <=2.5	Pass
			-10	NV	-24.40	-0.0067	>=-2.5 & <=2.5	Pass
			0	NV	-33.90	-0.0094	>=-2.5 & <=2.5	Pass
			10	NV	-32.20	-0.0089	>=-2.5 & <=2.5	Pass
			20	NV	-9.70	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-14.00	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-19.00	-0.0052	>=-2.5 & <=2.5	Pass
			50	NV	-35.30	-0.0097	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-11.30	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-24.80	-0.0068	>=-2.5 & <=2.5	Pass
			-30	NV	-35.70	-0.0098	>=-2.5 & <=2.5	Pass
			-20	NV	-26.60	-0.0073	>=-2.5 & <=2.5	Pass
			-10	NV	-34.60	-0.0095	>=-2.5 & <=2.5	Pass
			0	NV	-12.60	-0.0035	>=-2.5 & <=2.5	Pass

			10	NV	-21.10	-0.0058	>=-2.5 & <=2.5	Pass
			20	NV	-9.00	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-28.50	-0.0079	>=-2.5 & <=2.5	Pass
			50	NV	-28.80	-0.0079	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-14.40	-0.0040	>=-2.5 & <=2.5	Pass
				HV	-7.30	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-23.50	-0.0065	>=-2.5 & <=2.5	Pass
			-20	NV	6.00	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-19.50	-0.0054	>=-2.5 & <=2.5	Pass
			0	NV	-26.60	-0.0073	>=-2.5 & <=2.5	Pass
			10	NV	-5.30	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-21.70	-0.0060	>=-2.5 & <=2.5	Pass
			30	NV	-8.00	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-24.70	-0.0068	>=-2.5 & <=2.5	Pass
			50	NV	-12.40	-0.0034	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-15.10	-0.0042	>=-2.5 & <=2.5	Pass
				HV	-27.40	-0.0076	>=-2.5 & <=2.5	Pass
			-30	NV	-6.90	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-44.50	-0.0123	>=-2.5 & <=2.5	Pass
			-10	NV	-13.20	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-14.30	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-32.80	-0.0090	>=-2.5 & <=2.5	Pass
			30	NV	-34.10	-0.0094	>=-2.5 & <=2.5	Pass
			40	NV	-28.80	-0.0079	>=-2.5 & <=2.5	Pass
			50	NV	-13.90	-0.0038	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-28.40	-0.0078	>=-2.5 & <=2.5	Pass
				HV	-13.80	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-35.70	-0.0098	>=-2.5 & <=2.5	Pass
			-20	NV	-11.80	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-25.70	-0.0071	>=-2.5 & <=2.5	Pass
			0	NV	-18.90	-0.0052	>=-2.5 & <=2.5	Pass
			10	NV	-26.70	-0.0074	>=-2.5 & <=2.5	Pass
			20	NV	-7.60	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-27.00	-0.0074	>=-2.5 & <=2.5	Pass
			40	NV	-19.80	-0.0055	>=-2.5 & <=2.5	Pass
			50	NV	-21.60	-0.0060	>=-2.5 & <=2.5	Pass

1.5 30k_SISO_60MHz

1.5.1 Test Result

5G NR n78d SCS=30kHz SISO 60MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	-7.60	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-29.10	-0.0080	>=-2.5 & <=2.5	Pass
			-30	NV	-40.60	-0.0112	>=-2.5 & <=2.5	Pass
			-20	NV	-32.40	-0.0089	>=-2.5 & <=2.5	Pass
			-10	NV	-18.00	-0.0050	>=-2.5 & <=2.5	Pass
			0	NV	-22.00	-0.0061	>=-2.5 & <=2.5	Pass
			10	NV	-24.90	-0.0069	>=-2.5 & <=2.5	Pass
			20	NV	-24.80	-0.0068	>=-2.5 & <=2.5	Pass
			30	NV	-12.30	-0.0034	>=-2.5 & <=2.5	Pass

			40	NV	-24.30	-0.0067	>=-2.5 & <=2.5	Pass
			50	NV	-23.10	-0.0064	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-24.70	-0.0068	>=-2.5 & <=2.5	Pass
				HV	-17.30	-0.0048	>=-2.5 & <=2.5	Pass
			-30	NV	-28.40	-0.0078	>=-2.5 & <=2.5	Pass
			-20	NV	-35.10	-0.0097	>=-2.5 & <=2.5	Pass
			-10	NV	-26.20	-0.0072	>=-2.5 & <=2.5	Pass
			0	NV	-15.30	-0.0042	>=-2.5 & <=2.5	Pass
			10	NV	-16.80	-0.0046	>=-2.5 & <=2.5	Pass
			20	NV	7.00	0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-17.30	-0.0048	>=-2.5 & <=2.5	Pass
			40	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-36.20	-0.0100	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-13.80	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-33.00	-0.0091	>=-2.5 & <=2.5	Pass
			-30	NV	-22.50	-0.0062	>=-2.5 & <=2.5	Pass
			-20	NV	-21.50	-0.0059	>=-2.5 & <=2.5	Pass
			-10	NV	-32.20	-0.0089	>=-2.5 & <=2.5	Pass
			0	NV	-26.50	-0.0073	>=-2.5 & <=2.5	Pass
			10	NV	-40.30	-0.0111	>=-2.5 & <=2.5	Pass
			20	NV	-39.10	-0.0108	>=-2.5 & <=2.5	Pass
			30	NV	-8.80	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-17.80	-0.0049	>=-2.5 & <=2.5	Pass
			50	NV	-47.70	-0.0132	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-27.90	-0.0077	>=-2.5 & <=2.5	Pass
				HV	-22.10	-0.0061	>=-2.5 & <=2.5	Pass
			-30	NV	-27.60	-0.0076	>=-2.5 & <=2.5	Pass
			-20	NV	-16.40	-0.0045	>=-2.5 & <=2.5	Pass
			-10	NV	-9.50	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-21.60	-0.0060	>=-2.5 & <=2.5	Pass
			10	NV	-39.20	-0.0108	>=-2.5 & <=2.5	Pass
			20	NV	-12.80	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-14.80	-0.0041	>=-2.5 & <=2.5	Pass
			40	NV	-36.50	-0.0101	>=-2.5 & <=2.5	Pass
			50	NV	-26.00	-0.0072	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-26.60	-0.0073	>=-2.5 & <=2.5	Pass
				HV	-30.10	-0.0083	>=-2.5 & <=2.5	Pass
			-30	NV	-21.90	-0.0060	>=-2.5 & <=2.5	Pass
			-20	NV	-11.20	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-17.70	-0.0049	>=-2.5 & <=2.5	Pass
			0	NV	-30.90	-0.0085	>=-2.5 & <=2.5	Pass
			10	NV	-42.70	-0.0118	>=-2.5 & <=2.5	Pass
			20	NV	-25.10	-0.0069	>=-2.5 & <=2.5	Pass
			30	NV	-30.50	-0.0084	>=-2.5 & <=2.5	Pass
			40	NV	-34.90	-0.0096	>=-2.5 & <=2.5	Pass
			50	NV	-23.90	-0.0066	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-26.70	-0.0074	>=-2.5 & <=2.5	Pass
				HV	-28.20	-0.0078	>=-2.5 & <=2.5	Pass
			-30	NV	-9.00	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-40.10	-0.0111	>=-2.5 & <=2.5	Pass
			-10	NV	-15.60	-0.0043	>=-2.5 & <=2.5	Pass
			0	NV	-9.30	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-23.40	-0.0065	>=-2.5 & <=2.5	Pass
			20	NV	-34.60	-0.0095	>=-2.5 & <=2.5	Pass
			30	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-47.40	-0.0131	>=-2.5 & <=2.5	Pass
			50	NV	-22.70	-0.0063	>=-2.5 & <=2.5	Pass

CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-23.40	-0.0065	>=-2.5 & <=2.5	Pass
				HV	-20.30	-0.0056	>=-2.5 & <=2.5	Pass
			-30	NV	-22.10	-0.0061	>=-2.5 & <=2.5	Pass
			-20	NV	-16.80	-0.0046	>=-2.5 & <=2.5	Pass
			-10	NV	-8.00	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-60.10	-0.0166	>=-2.5 & <=2.5	Pass
			10	NV	-22.90	-0.0063	>=-2.5 & <=2.5	Pass
			20	NV	-13.20	-0.0036	>=-2.5 & <=2.5	Pass
			30	NV	-29.50	-0.0081	>=-2.5 & <=2.5	Pass
			40	NV	-22.90	-0.0063	>=-2.5 & <=2.5	Pass
			50	NV	-4.30	-0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-3.90	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-18.30	-0.0050	>=-2.5 & <=2.5	Pass
			-30	NV	-12.50	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-9.30	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-16.90	-0.0047	>=-2.5 & <=2.5	Pass
			10	NV	-12.70	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-28.30	-0.0078	>=-2.5 & <=2.5	Pass
			30	NV	-19.30	-0.0053	>=-2.5 & <=2.5	Pass
			40	NV	-31.70	-0.0087	>=-2.5 & <=2.5	Pass
			50	NV	2.80	0.0008	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-5.80	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-20.60	-0.0057	>=-2.5 & <=2.5	Pass
			-30	NV	-35.00	-0.0097	>=-2.5 & <=2.5	Pass
			-20	NV	-16.70	-0.0046	>=-2.5 & <=2.5	Pass
			-10	NV	-18.90	-0.0052	>=-2.5 & <=2.5	Pass
			0	NV	3.50	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-19.30	-0.0053	>=-2.5 & <=2.5	Pass
			20	NV	-40.10	-0.0111	>=-2.5 & <=2.5	Pass
			30	NV	-11.60	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-22.40	-0.0062	>=-2.5 & <=2.5	Pass
			50	NV	13.40	0.0037	>=-2.5 & <=2.5	Pass

1.6 30k_SISO_70MHz

1.6.1 Test Result

5G NR n78d SCS=30kHz SISO 70MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	-34.60	-0.0095	>=-2.5 & <=2.5	Pass
				HV	-16.00	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	-17.70	-0.0049	>=-2.5 & <=2.5	Pass
			-20	NV	-20.10	-0.0055	>=-2.5 & <=2.5	Pass
			-10	NV	-18.40	-0.0051	>=-2.5 & <=2.5	Pass
			0	NV	-13.40	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-14.30	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-20.00	-0.0055	>=-2.5 & <=2.5	Pass
			30	NV	-13.80	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-21.90	-0.0060	>=-2.5 & <=2.5	Pass
			50	NV	-21.30	-0.0059	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-34.20	-0.0094	>=-2.5 & <=2.5	Pass
				HV	-16.60	-0.0046	>=-2.5 & <=2.5	Pass
			-30	NV	-7.60	-0.0021	>=-2.5 & <=2.5	Pass

			-20	NV	-31.50	-0.0087	>=-2.5 & <=2.5	Pass
			-10	NV	-31.10	-0.0086	>=-2.5 & <=2.5	Pass
			0	NV	-21.30	-0.0059	>=-2.5 & <=2.5	Pass
			10	NV	-17.40	-0.0048	>=-2.5 & <=2.5	Pass
			20	NV	-16.40	-0.0045	>=-2.5 & <=2.5	Pass
			30	NV	-28.30	-0.0078	>=-2.5 & <=2.5	Pass
			40	NV	-17.30	-0.0048	>=-2.5 & <=2.5	Pass
			50	NV	-40.20	-0.0111	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-27.40	-0.0076	>=-2.5 & <=2.5	Pass
				HV	-13.50	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-15.80	-0.0044	>=-2.5 & <=2.5	Pass
			-20	NV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-34.70	-0.0096	>=-2.5 & <=2.5	Pass
			0	NV	-8.60	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-23.10	-0.0064	>=-2.5 & <=2.5	Pass
			20	NV	-23.90	-0.0066	>=-2.5 & <=2.5	Pass
			30	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-6.50	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-18.40	-0.0051	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-26.50	-0.0073	>=-2.5 & <=2.5	Pass
				HV	-50.30	-0.0139	>=-2.5 & <=2.5	Pass
			-30	NV	-26.60	-0.0073	>=-2.5 & <=2.5	Pass
			-20	NV	-11.80	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-31.30	-0.0086	>=-2.5 & <=2.5	Pass
			0	NV	-37.70	-0.0104	>=-2.5 & <=2.5	Pass
			10	NV	-29.20	-0.0081	>=-2.5 & <=2.5	Pass
			20	NV	-17.40	-0.0048	>=-2.5 & <=2.5	Pass
			30	NV	-24.20	-0.0067	>=-2.5 & <=2.5	Pass
			40	NV	-24.80	-0.0068	>=-2.5 & <=2.5	Pass
			50	NV	-10.50	-0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-29.80	-0.0082	>=-2.5 & <=2.5	Pass
				HV	-11.60	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-29.20	-0.0081	>=-2.5 & <=2.5	Pass
			-20	NV	-19.80	-0.0055	>=-2.5 & <=2.5	Pass
			-10	NV	-11.90	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-12.00	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-26.80	-0.0074	>=-2.5 & <=2.5	Pass
			30	NV	-24.00	-0.0066	>=-2.5 & <=2.5	Pass
			40	NV	-35.70	-0.0098	>=-2.5 & <=2.5	Pass
			50	NV	-22.40	-0.0062	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-22.20	-0.0061	>=-2.5 & <=2.5	Pass
				HV	-10.80	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-17.80	-0.0049	>=-2.5 & <=2.5	Pass
			-20	NV	-41.10	-0.0113	>=-2.5 & <=2.5	Pass
			-10	NV	-21.20	-0.0058	>=-2.5 & <=2.5	Pass
			0	NV	-31.10	-0.0086	>=-2.5 & <=2.5	Pass
			10	NV	-13.30	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-22.00	-0.0061	>=-2.5 & <=2.5	Pass
			30	NV	-22.30	-0.0062	>=-2.5 & <=2.5	Pass
			40	NV	-15.80	-0.0044	>=-2.5 & <=2.5	Pass
			50	NV	-26.90	-0.0074	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-23.80	-0.0066	>=-2.5 & <=2.5	Pass
				HV	-9.00	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-25.70	-0.0071	>=-2.5 & <=2.5	Pass
			-20	NV	-21.80	-0.0060	>=-2.5 & <=2.5	Pass
			-10	NV	-7.30	-0.0020	>=-2.5 & <=2.5	Pass

			0	NV	-11.20	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-27.60	-0.0076	>=-2.5 & <=2.5	Pass
			20	NV	-11.80	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-33.30	-0.0092	>=-2.5 & <=2.5	Pass
			40	NV	-27.40	-0.0076	>=-2.5 & <=2.5	Pass
			50	NV	-5.80	-0.0016	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
				HV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-12.50	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-9.90	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-24.20	-0.0067	>=-2.5 & <=2.5	Pass
			0	NV	-31.10	-0.0086	>=-2.5 & <=2.5	Pass
			10	NV	-28.30	-0.0078	>=-2.5 & <=2.5	Pass
			20	NV	-12.70	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-31.70	-0.0087	>=-2.5 & <=2.5	Pass
			40	NV	-22.00	-0.0061	>=-2.5 & <=2.5	Pass
			50	NV	-28.00	-0.0077	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-22.70	-0.0063	>=-2.5 & <=2.5	Pass
				HV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-20.30	-0.0056	>=-2.5 & <=2.5	Pass
			-20	NV	-29.20	-0.0081	>=-2.5 & <=2.5	Pass
			-10	NV	-22.40	-0.0062	>=-2.5 & <=2.5	Pass
			0	NV	-40.20	-0.0111	>=-2.5 & <=2.5	Pass
			10	NV	-32.20	-0.0089	>=-2.5 & <=2.5	Pass
			20	NV	-18.40	-0.0051	>=-2.5 & <=2.5	Pass
			30	NV	-15.00	-0.0041	>=-2.5 & <=2.5	Pass
			40	NV	-11.80	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-12.50	-0.0034	>=-2.5 & <=2.5	Pass

1.7 30k_SISO_80MHz

1.7.1 Test Result

5G NR n78d SCS=30kHz SISO 80MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	-27.50	-0.0076	>=-2.5 & <=2.5	Pass
				HV	-22.30	-0.0062	>=-2.5 & <=2.5	Pass
			-30	NV	-26.70	-0.0074	>=-2.5 & <=2.5	Pass
			-20	NV	-15.80	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	3.80	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-1.00	-0.0003	>=-2.5 & <=2.5	Pass
			10	NV	-30.20	-0.0083	>=-2.5 & <=2.5	Pass
			20	NV	-17.60	-0.0049	>=-2.5 & <=2.5	Pass
			30	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-2.40	-0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
				HV	-32.20	-0.0089	>=-2.5 & <=2.5	Pass
			-30	NV	-20.20	-0.0056	>=-2.5 & <=2.5	Pass
			-20	NV	-40.30	-0.0111	>=-2.5 & <=2.5	Pass
			-10	NV	-13.10	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-25.40	-0.0070	>=-2.5 & <=2.5	Pass
			10	NV	-9.40	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-10.60	-0.0029	>=-2.5 & <=2.5	Pass

			30	NV	-38.70	-0.0107	>=-2.5 & <=2.5	Pass
			40	NV	-12.60	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	-35.50	-0.0098	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-18.90	-0.0052	>=-2.5 & <=2.5	Pass
			-30	NV	-15.50	-0.0043	>=-2.5 & <=2.5	Pass
			-20	NV	-20.30	-0.0056	>=-2.5 & <=2.5	Pass
			-10	NV	-9.10	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-19.10	-0.0053	>=-2.5 & <=2.5	Pass
			10	NV	-22.60	-0.0062	>=-2.5 & <=2.5	Pass
			20	NV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-32.90	-0.0091	>=-2.5 & <=2.5	Pass
			40	NV	-32.80	-0.0090	>=-2.5 & <=2.5	Pass
			50	NV	-20.20	-0.0056	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-32.80	-0.0090	>=-2.5 & <=2.5	Pass
				HV	-27.20	-0.0075	>=-2.5 & <=2.5	Pass
			-30	NV	-17.30	-0.0048	>=-2.5 & <=2.5	Pass
			-20	NV	-61.80	-0.0170	>=-2.5 & <=2.5	Pass
			-10	NV	-10.20	-0.0028	>=-2.5 & <=2.5	Pass
			0	NV	-13.60	-0.0038	>=-2.5 & <=2.5	Pass
			10	NV	-11.00	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-40.70	-0.0112	>=-2.5 & <=2.5	Pass
			30	NV	-34.80	-0.0096	>=-2.5 & <=2.5	Pass
			40	NV	-16.90	-0.0047	>=-2.5 & <=2.5	Pass
			50	NV	-21.70	-0.0060	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-14.90	-0.0041	>=-2.5 & <=2.5	Pass
				HV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-25.90	-0.0071	>=-2.5 & <=2.5	Pass
			-20	NV	-20.40	-0.0056	>=-2.5 & <=2.5	Pass
			-10	NV	-22.80	-0.0063	>=-2.5 & <=2.5	Pass
			0	NV	-22.40	-0.0062	>=-2.5 & <=2.5	Pass
			10	NV	-13.50	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-28.70	-0.0079	>=-2.5 & <=2.5	Pass
			30	NV	-18.00	-0.0050	>=-2.5 & <=2.5	Pass
			40	NV	-11.80	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-23.90	-0.0066	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-23.60	-0.0065	>=-2.5 & <=2.5	Pass
				HV	-12.20	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-28.10	-0.0078	>=-2.5 & <=2.5	Pass
			-20	NV	-14.20	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-22.30	-0.0062	>=-2.5 & <=2.5	Pass
			0	NV	-10.70	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-19.60	-0.0054	>=-2.5 & <=2.5	Pass
			20	NV	-12.30	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-30.10	-0.0083	>=-2.5 & <=2.5	Pass
			40	NV	-15.10	-0.0042	>=-2.5 & <=2.5	Pass
			50	NV	-22.20	-0.0061	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-24.00	-0.0066	>=-2.5 & <=2.5	Pass
				HV	-33.80	-0.0093	>=-2.5 & <=2.5	Pass
			-30	NV	-15.00	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-32.90	-0.0091	>=-2.5 & <=2.5	Pass
			-10	NV	-17.70	-0.0049	>=-2.5 & <=2.5	Pass
			0	NV	-21.50	-0.0059	>=-2.5 & <=2.5	Pass
			10	NV	-23.60	-0.0065	>=-2.5 & <=2.5	Pass
			20	NV	-11.00	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-22.80	-0.0063	>=-2.5 & <=2.5	Pass
			40	NV	-19.60	-0.0054	>=-2.5 & <=2.5	Pass

			50	NV	-26.10	-0.0072	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-14.10	-0.0039	>=-2.5 & <=2.5	Pass
				HV	-13.90	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-35.20	-0.0097	>=-2.5 & <=2.5	Pass
			-20	NV	-5.80	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-22.60	-0.0062	>=-2.5 & <=2.5	Pass
			0	NV	-34.10	-0.0094	>=-2.5 & <=2.5	Pass
			10	NV	-32.80	-0.0090	>=-2.5 & <=2.5	Pass
			20	NV	-22.50	-0.0062	>=-2.5 & <=2.5	Pass
			30	NV	-18.20	-0.0050	>=-2.5 & <=2.5	Pass
			40	NV	-29.70	-0.0082	>=-2.5 & <=2.5	Pass
			50	NV	-1.70	-0.0005	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-17.90	-0.0049	>=-2.5 & <=2.5	Pass
				HV	-20.40	-0.0056	>=-2.5 & <=2.5	Pass
			-30	NV	-11.90	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-16.50	-0.0046	>=-2.5 & <=2.5	Pass
			-10	NV	-23.80	-0.0066	>=-2.5 & <=2.5	Pass
			0	NV	-21.20	-0.0058	>=-2.5 & <=2.5	Pass
			10	NV	-14.70	-0.0041	>=-2.5 & <=2.5	Pass
			20	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-12.00	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-26.10	-0.0072	>=-2.5 & <=2.5	Pass
			50	NV	-33.90	-0.0094	>=-2.5 & <=2.5	Pass

1.8 30k_SISO_90MHz

1.8.1 Test Result

5G NR n78d SCS=30kHz SISO 90MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	-15.80	-0.0044	>=-2.5 & <=2.5	Pass
				HV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-9.70	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-18.90	-0.0052	>=-2.5 & <=2.5	Pass
			-10	NV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	6.00	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-25.30	-0.0070	>=-2.5 & <=2.5	Pass
			30	NV	-18.30	-0.0050	>=-2.5 & <=2.5	Pass
			40	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-12.40	-0.0034	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-35.20	-0.0097	>=-2.5 & <=2.5	Pass
				HV	-22.70	-0.0063	>=-2.5 & <=2.5	Pass
			-30	NV	-11.90	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-16.10	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-24.40	-0.0067	>=-2.5 & <=2.5	Pass
			0	NV	-20.50	-0.0057	>=-2.5 & <=2.5	Pass
			10	NV	-22.70	-0.0063	>=-2.5 & <=2.5	Pass
			20	NV	-28.80	-0.0079	>=-2.5 & <=2.5	Pass
			30	NV	-13.20	-0.0036	>=-2.5 & <=2.5	Pass
			40	NV	-23.50	-0.0065	>=-2.5 & <=2.5	Pass
			50	NV	-29.80	-0.0082	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-9.50	-0.0026	>=-2.5 & <=2.5	Pass

			-30	NV	-23.30	-0.0064	>=-2.5 & <=2.5	Pass
			-20	NV	-11.20	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	2.40	0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-21.50	-0.0059	>=-2.5 & <=2.5	Pass
			10	NV	-21.90	-0.0060	>=-2.5 & <=2.5	Pass
			20	NV	-22.60	-0.0062	>=-2.5 & <=2.5	Pass
			30	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-16.70	-0.0046	>=-2.5 & <=2.5	Pass
			50	NV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-14.30	-0.0039	>=-2.5 & <=2.5	Pass
				HV	-7.10	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-18.00	-0.0050	>=-2.5 & <=2.5	Pass
			-20	NV	-28.40	-0.0078	>=-2.5 & <=2.5	Pass
			-10	NV	-30.00	-0.0083	>=-2.5 & <=2.5	Pass
			0	NV	-18.20	-0.0050	>=-2.5 & <=2.5	Pass
			10	NV	-26.50	-0.0073	>=-2.5 & <=2.5	Pass
			20	NV	-18.20	-0.0050	>=-2.5 & <=2.5	Pass
			30	NV	-9.50	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	-28.80	-0.0079	>=-2.5 & <=2.5	Pass
			50	NV	-17.70	-0.0049	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-15.20	-0.0042	>=-2.5 & <=2.5	Pass
				HV	-17.40	-0.0048	>=-2.5 & <=2.5	Pass
			-30	NV	-35.40	-0.0098	>=-2.5 & <=2.5	Pass
			-20	NV	-8.60	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-25.40	-0.0070	>=-2.5 & <=2.5	Pass
			0	NV	13.30	0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-24.50	-0.0068	>=-2.5 & <=2.5	Pass
			20	NV	-12.90	-0.0036	>=-2.5 & <=2.5	Pass
			30	NV	7.00	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-18.60	-0.0051	>=-2.5 & <=2.5	Pass
			50	NV	-9.00	-0.0025	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-15.50	-0.0043	>=-2.5 & <=2.5	Pass
			-20	NV	-24.10	-0.0066	>=-2.5 & <=2.5	Pass
			-10	NV	11.20	0.0031	>=-2.5 & <=2.5	Pass
			0	NV	-14.70	-0.0041	>=-2.5 & <=2.5	Pass
			10	NV	10.10	0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-22.20	-0.0061	>=-2.5 & <=2.5	Pass
			30	NV	-29.70	-0.0082	>=-2.5 & <=2.5	Pass
			40	NV	-18.70	-0.0052	>=-2.5 & <=2.5	Pass
			50	NV	-13.90	-0.0038	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-17.80	-0.0049	>=-2.5 & <=2.5	Pass
				HV	-16.30	-0.0045	>=-2.5 & <=2.5	Pass
			-30	NV	-17.10	-0.0047	>=-2.5 & <=2.5	Pass
			-20	NV	-9.50	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-10.30	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-23.20	-0.0064	>=-2.5 & <=2.5	Pass
			20	NV	-15.40	-0.0042	>=-2.5 & <=2.5	Pass
			30	NV	-30.30	-0.0084	>=-2.5 & <=2.5	Pass
			40	NV	-25.60	-0.0071	>=-2.5 & <=2.5	Pass
			50	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-15.70	-0.0043	>=-2.5 & <=2.5	Pass
				HV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-14.20	-0.0039	>=-2.5 & <=2.5	Pass

			-10	NV	-16.40	-0.0045	>=-2.5 & <=2.5	Pass
			0	NV	-17.80	-0.0049	>=-2.5 & <=2.5	Pass
			10	NV	-22.40	-0.0062	>=-2.5 & <=2.5	Pass
			20	NV	-1.70	-0.0005	>=-2.5 & <=2.5	Pass
			30	NV	-10.10	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-23.10	-0.0064	>=-2.5 & <=2.5	Pass
			50	NV	-28.70	-0.0079	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-26.80	-0.0074	>=-2.5 & <=2.5	Pass
				HV	-25.90	-0.0071	>=-2.5 & <=2.5	Pass
			-30	NV	7.20	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-19.80	-0.0055	>=-2.5 & <=2.5	Pass
			-10	NV	1.20	0.0003	>=-2.5 & <=2.5	Pass
			0	NV	-27.70	-0.0076	>=-2.5 & <=2.5	Pass
			10	NV	-20.50	-0.0057	>=-2.5 & <=2.5	Pass
			20	NV	-17.10	-0.0047	>=-2.5 & <=2.5	Pass
			30	NV	-16.20	-0.0045	>=-2.5 & <=2.5	Pass
			40	NV	1.60	0.0004	>=-2.5 & <=2.5	Pass
			50	NV	-26.80	-0.0074	>=-2.5 & <=2.5	Pass

1.9 30k_SISO_100MHz

1.9.1 Test Result

5G NR n78d SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	-23.20	-0.0064	>=-2.5 & <=2.5	Pass
				HV	-34.80	-0.0096	>=-2.5 & <=2.5	Pass
			-30	NV	-24.70	-0.0068	>=-2.5 & <=2.5	Pass
			-20	NV	-26.90	-0.0074	>=-2.5 & <=2.5	Pass
			-10	NV	-10.50	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-17.00	-0.0047	>=-2.5 & <=2.5	Pass
			10	NV	-30.70	-0.0085	>=-2.5 & <=2.5	Pass
			20	NV	-27.00	-0.0074	>=-2.5 & <=2.5	Pass
			30	NV	-29.00	-0.0080	>=-2.5 & <=2.5	Pass
			40	NV	-25.20	-0.0070	>=-2.5 & <=2.5	Pass
			50	NV	-24.40	-0.0067	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-22.80	-0.0063	>=-2.5 & <=2.5	Pass
				HV	-29.50	-0.0081	>=-2.5 & <=2.5	Pass
			-30	NV	-25.60	-0.0071	>=-2.5 & <=2.5	Pass
			-20	NV	-17.80	-0.0049	>=-2.5 & <=2.5	Pass
			-10	NV	-39.20	-0.0108	>=-2.5 & <=2.5	Pass
			0	NV	-18.00	-0.0050	>=-2.5 & <=2.5	Pass
			10	NV	-12.00	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-26.40	-0.0073	>=-2.5 & <=2.5	Pass
			30	NV	-18.10	-0.0050	>=-2.5 & <=2.5	Pass
			40	NV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-14.70	-0.0041	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-15.20	-0.0042	>=-2.5 & <=2.5	Pass
				HV	-33.20	-0.0092	>=-2.5 & <=2.5	Pass
			-30	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-21.70	-0.0060	>=-2.5 & <=2.5	Pass
			-10	NV	-29.00	-0.0080	>=-2.5 & <=2.5	Pass
			0	NV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-30.30	-0.0084	>=-2.5 & <=2.5	Pass

			20	NV	-33.80	-0.0093	>=-2.5 & <=2.5	Pass
			30	NV	-29.20	-0.0081	>=-2.5 & <=2.5	Pass
			40	NV	-22.20	-0.0061	>=-2.5 & <=2.5	Pass
			50	NV	-28.30	-0.0078	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-34.50	-0.0095	>=-2.5 & <=2.5	Pass
			-30	NV	-23.10	-0.0064	>=-2.5 & <=2.5	Pass
			-20	NV	-2.70	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-22.80	-0.0063	>=-2.5 & <=2.5	Pass
			0	NV	-8.30	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-27.90	-0.0077	>=-2.5 & <=2.5	Pass
			20	NV	-33.50	-0.0092	>=-2.5 & <=2.5	Pass
			30	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-25.90	-0.0071	>=-2.5 & <=2.5	Pass
			50	NV	-16.80	-0.0046	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-29.30	-0.0081	>=-2.5 & <=2.5	Pass
				HV	-16.00	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	-33.70	-0.0093	>=-2.5 & <=2.5	Pass
			-20	NV	-19.50	-0.0054	>=-2.5 & <=2.5	Pass
			-10	NV	-17.20	-0.0047	>=-2.5 & <=2.5	Pass
			0	NV	-28.50	-0.0079	>=-2.5 & <=2.5	Pass
			10	NV	-16.30	-0.0045	>=-2.5 & <=2.5	Pass
			20	NV	-29.00	-0.0080	>=-2.5 & <=2.5	Pass
			30	NV	-26.40	-0.0073	>=-2.5 & <=2.5	Pass
			40	NV	-27.10	-0.0075	>=-2.5 & <=2.5	Pass
			50	NV	-17.70	-0.0049	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-11.80	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-16.10	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	-16.30	-0.0045	>=-2.5 & <=2.5	Pass
			-20	NV	-28.50	-0.0079	>=-2.5 & <=2.5	Pass
			-10	NV	-14.30	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-14.60	-0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-30.70	-0.0085	>=-2.5 & <=2.5	Pass
			20	NV	-16.90	-0.0047	>=-2.5 & <=2.5	Pass
			30	NV	-22.20	-0.0061	>=-2.5 & <=2.5	Pass
			40	NV	-27.50	-0.0076	>=-2.5 & <=2.5	Pass
			50	NV	-20.30	-0.0056	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-8.00	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-13.00	-0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	-27.70	-0.0076	>=-2.5 & <=2.5	Pass
			-20	NV	-17.70	-0.0049	>=-2.5 & <=2.5	Pass
			-10	NV	-8.60	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-30.20	-0.0083	>=-2.5 & <=2.5	Pass
			10	NV	-35.10	-0.0097	>=-2.5 & <=2.5	Pass
			20	NV	-28.90	-0.0080	>=-2.5 & <=2.5	Pass
			30	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-40.30	-0.0111	>=-2.5 & <=2.5	Pass
			50	NV	-17.50	-0.0048	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-23.40	-0.0065	>=-2.5 & <=2.5	Pass
				HV	-21.50	-0.0059	>=-2.5 & <=2.5	Pass
			-30	NV	-24.50	-0.0068	>=-2.5 & <=2.5	Pass
			-20	NV	-15.90	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-19.20	-0.0053	>=-2.5 & <=2.5	Pass
			0	NV	-14.30	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-44.80	-0.0124	>=-2.5 & <=2.5	Pass
			20	NV	-11.30	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass

			40	NV	-14.10	-0.0039	>=-2.5 & <=2.5	Pass
			50	NV	-14.70	-0.0041	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-19.90	-0.0055	>=-2.5 & <=2.5	Pass
				HV	-23.60	-0.0065	>=-2.5 & <=2.5	Pass
			-30	NV	-35.50	-0.0098	>=-2.5 & <=2.5	Pass
			-20	NV	-38.80	-0.0107	>=-2.5 & <=2.5	Pass
			-10	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-15.90	-0.0044	>=-2.5 & <=2.5	Pass
			20	NV	-8.00	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-25.00	-0.0069	>=-2.5 & <=2.5	Pass
			40	NV	-19.70	-0.0054	>=-2.5 & <=2.5	Pass
			50	NV	-24.50	-0.0068	>=-2.5 & <=2.5	Pass