		Edge_1RB_Right	21.57	/	/	23.27	/	/	<=33	Pass
		Outer_Full	21.53	/	/	23.23	/	/	<=33	Pass
		Inner_Full	21.58	/	/	23.28	/	/	<=33	Pass
		Inner_1RB_Left	21.73	/	/	23.43	/	/	<=33	Pass
		Inner_1RB_Right	22.00	/	/	23.70	/	/	<=33	Pass
CP-OFDM 256 QAM	2516.01	Edge_1RB_Left	19.34	/	/	21.04	/	/	<=33	Pass
		Edge_1RB_Right	19.23	/	/	20.93	/	/	<=33	Pass
		Outer_Full	19.20	/	/	20.90	/	/	<=33	Pass
		Inner_Full	19.15	/	/	20.85	/	/	<=33	Pass
		Inner_1RB_Left	19.31	/	/	21.01	/	/	<=33	Pass
		Inner_1RB_Right	19.25	/	/	20.95	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.14	/	/	20.84	/	/	<=33	Pass
		Edge_1RB_Right	19.06	/	/	20.76	/	/	<=33	Pass
		Outer_Full	18.97	/	/	20.67	/	/	<=33	Pass
		Inner_Full	19.02	/	/	20.72	/	/	<=33	Pass
		Inner_1RB_Left	19.17	/	/	20.87	/	/	<=33	Pass
		Inner_1RB_Right	19.00	/	/	20.70	/	/	<=33	Pass
	2670	Edge_1RB_Left	18.75	/	/	20.45	/	/	<=33	Pass
		Edge_1RB_Right	19.02	/	/	20.72	/	/	<=33	Pass
		Outer_Full	18.71	/	/	20.41	/	/	<=33	Pass
		Inner_Full	18.70	/	/	20.40	/	/	<=33	Pass
		Inner_1RB_Left	18.80	/	/	20.50	/	/	<=33	Pass
		Inner_1RB_Right	19.02	/	/	20.72	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 1.70dBi;
Note2: EIRP=Conducted Power+Antenna Gain

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1.14 30k_SISO_50MHz_NTNV_EIRP

1.14.1 Test Result

5G NR n41 SCS=30kHz SISO 50MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2521.02	Edge_1RB_Left	24.59	/	/	26.29	/	/	<=33	Pass
		Edge_1RB_Right	24.50	/	/	26.20	/	/	<=33	Pass
		Outer_Full	24.59	/	/	26.29	/	/	<=33	Pass
		Inner_Full	25.58	/	/	27.28	/	/	<=33	Pass
		Inner_1RB_Left	25.46	/	/	27.16	/	/	<=33	Pass
		Inner_1RB_Right	25.44	/	/	27.14	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.79	/	/	26.49	/	/	<=33	Pass
		Edge_1RB_Right	24.70	/	/	26.40	/	/	<=33	Pass
		Outer_Full	24.88	/	/	26.58	/	/	<=33	Pass
		Inner_Full	25.39	/	/	27.09	/	/	<=33	Pass
		Inner_1RB_Left	25.25	/	/	26.95	/	/	<=33	Pass
		Inner_1RB_Right	25.19	/	/	26.89	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	24.49	/	/	26.19	/	/	<=33	Pass
		Edge_1RB_Right	24.42	/	/	26.12	/	/	<=33	Pass
		Outer_Full	24.57	/	/	26.27	/	/	<=33	Pass
		Inner_Full	25.03	/	/	26.73	/	/	<=33	Pass
		Inner_1RB_Left	25.00	/	/	26.70	/	/	<=33	Pass
		Inner_1RB_Right	24.86	/	/	26.56	/	/	<=33	Pass
DFT-s-OFDM QPSK	2521.02	Edge_1RB_Left	24.51	/	/	26.21	/	/	<=33	Pass
		Edge_1RB_Right	24.47	/	/	26.17	/	/	<=33	Pass
		Outer_Full	24.65	/	/	26.35	/	/	<=33	Pass
		Inner_Full	25.64	/	/	27.34	/	/	<=33	Pass
		Inner_1RB_Left	25.42	/	/	27.12	/	/	<=33	Pass
		Inner_1RB_Right	25.46	/	/	27.16	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.41	/	/	26.11	/	/	<=33	Pass
		Edge_1RB_Right	24.28	/	/	25.98	/	/	<=33	Pass
		Outer_Full	24.43	/	/	26.13	/	/	<=33	Pass
		Inner_Full	25.41	/	/	27.11	/	/	<=33	Pass
		Inner_1RB_Left	25.35	/	/	27.05	/	/	<=33	Pass
		Inner_1RB_Right	25.27	/	/	26.97	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	24.00	/	/	25.70	/	/	<=33	Pass
		Edge_1RB_Right	23.92	/	/	25.62	/	/	<=33	Pass
		Outer_Full	24.15	/	/	25.85	/	/	<=33	Pass
		Inner_Full	25.03	/	/	26.73	/	/	<=33	Pass
		Inner_1RB_Left	25.08	/	/	26.78	/	/	<=33	Pass
		Inner_1RB_Right	24.93	/	/	26.63	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2521.02	Edge_1RB_Left	23.34	/	/	25.04	/	/	<=33	Pass
		Edge_1RB_Right	23.30	/	/	25.00	/	/	<=33	Pass
		Outer_Full	23.62	/	/	25.32	/	/	<=33	Pass
		Inner_Full	24.62	/	/	26.32	/	/	<=33	Pass
		Inner_1RB_Left	24.33	/	/	26.03	/	/	<=33	Pass

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		Inner_1RB_Right	24.41	/	/	26.11	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.33	/	/	25.03	/	/	<=33	Pass
		Edge_1RB_Right	23.05	/	/	24.75	/	/	<=33	Pass
		Outer_Full	23.48	/	/	25.18	/	/	<=33	Pass
		Inner_Full	24.47	/	/	26.17	/	/	<=33	Pass
		Inner_1RB_Left	24.16	/	/	25.86	/	/	<=33	Pass
		Inner_1RB_Right	24.09	/	/	25.79	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.85	/	/	24.55	/	/	<=33	Pass
		Edge_1RB_Right	23.04	/	/	24.74	/	/	<=33	Pass
		Outer_Full	23.28	/	/	24.98	/	/	<=33	Pass
		Inner_Full	24.03	/	/	25.73	/	/	<=33	Pass
		Inner_1RB_Left	24.02	/	/	25.72	/	/	<=33	Pass
		Inner_1RB_Right	23.91	/	/	25.61	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2521.02	Edge_1RB_Left	23.31	/	/	25.01	/	/	<=33	Pass
		Edge_1RB_Right	23.24	/	/	24.94	/	/	<=33	Pass
		Outer_Full	23.14	/	/	24.84	/	/	<=33	Pass
		Inner_Full	23.21	/	/	24.91	/	/	<=33	Pass
		Inner_1RB_Left	23.29	/	/	24.99	/	/	<=33	Pass
		Inner_1RB_Right	23.25	/	/	24.95	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.99	/	/	24.69	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	24.48	/	/	<=33	Pass
		Outer_Full	22.91	/	/	24.61	/	/	<=33	Pass
		Inner_Full	23.00	/	/	24.70	/	/	<=33	Pass
		Inner_1RB_Left	22.93	/	/	24.63	/	/	<=33	Pass
		Inner_1RB_Right	22.96	/	/	24.66	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.82	/	/	24.52	/	/	<=33	Pass
		Edge_1RB_Right	22.67	/	/	24.37	/	/	<=33	Pass
		Outer_Full	22.68	/	/	24.38	/	/	<=33	Pass
		Inner_Full	22.71	/	/	24.41	/	/	<=33	Pass
		Inner_1RB_Left	22.75	/	/	24.45	/	/	<=33	Pass
		Inner_1RB_Right	22.70	/	/	24.40	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2521.02	Edge_1RB_Left	21.17	/	/	22.87	/	/	<=33	Pass
		Edge_1RB_Right	21.03	/	/	22.73	/	/	<=33	Pass
		Outer_Full	21.26	/	/	22.96	/	/	<=33	Pass
		Inner_Full	21.23	/	/	22.93	/	/	<=33	Pass
		Inner_1RB_Left	21.21	/	/	22.91	/	/	<=33	Pass
		Inner_1RB_Right	21.05	/	/	22.75	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.91	/	/	22.61	/	/	<=33	Pass
		Edge_1RB_Right	20.79	/	/	22.49	/	/	<=33	Pass
		Outer_Full	21.00	/	/	22.70	/	/	<=33	Pass
		Inner_Full	20.95	/	/	22.65	/	/	<=33	Pass
		Inner_1RB_Left	20.89	/	/	22.59	/	/	<=33	Pass
		Inner_1RB_Right	20.84	/	/	22.54	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	20.59	/	/	22.29	/	/	<=33	Pass
		Edge_1RB_Right	20.75	/	/	22.45	/	/	<=33	Pass
		Outer_Full	20.81	/	/	22.51	/	/	<=33	Pass
		Inner_Full	20.81	/	/	22.51	/	/	<=33	Pass
		Inner_1RB_Left	20.56	/	/	22.26	/	/	<=33	Pass
		Inner_1RB_Right	20.77	/	/	22.47	/	/	<=33	Pass

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CP-OFDM QPSK	2521.02	Edge_1RB_Left	22.43	/	/	24.13	/	/	<=33	Pass
		Edge_1RB_Right	22.32	/	/	24.02	/	/	<=33	Pass
		Outer_Full	22.56	/	/	24.26	/	/	<=33	Pass
		Inner_Full	24.09	/	/	25.79	/	/	<=33	Pass
		Inner_1RB_Left	23.77	/	/	25.47	/	/	<=33	Pass
		Inner_1RB_Right	23.80	/	/	25.50	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.23	/	/	23.93	/	/	<=33	Pass
		Edge_1RB_Right	22.17	/	/	23.87	/	/	<=33	Pass
		Outer_Full	22.48	/	/	24.18	/	/	<=33	Pass
		Inner_Full	23.93	/	/	25.63	/	/	<=33	Pass
		Inner_1RB_Left	23.70	/	/	25.40	/	/	<=33	Pass
		Inner_1RB_Right	23.66	/	/	25.36	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	21.92	/	/	23.62	/	/	<=33	Pass
		Edge_1RB_Right	22.01	/	/	23.71	/	/	<=33	Pass
		Outer_Full	22.20	/	/	23.90	/	/	<=33	Pass
		Inner_Full	23.54	/	/	25.24	/	/	<=33	Pass
		Inner_1RB_Left	23.50	/	/	25.20	/	/	<=33	Pass
		Inner_1RB_Right	23.43	/	/	25.13	/	/	<=33	Pass
CP-OFDM 16 QAM	2521.02	Edge_1RB_Left	22.61	/	/	24.31	/	/	<=33	Pass
		Edge_1RB_Right	22.58	/	/	24.28	/	/	<=33	Pass
		Outer_Full	22.76	/	/	24.46	/	/	<=33	Pass
		Inner_Full	23.69	/	/	25.39	/	/	<=33	Pass
		Inner_1RB_Left	23.41	/	/	25.11	/	/	<=33	Pass
		Inner_1RB_Right	23.38	/	/	25.08	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.47	/	/	24.17	/	/	<=33	Pass
		Edge_1RB_Right	22.27	/	/	23.97	/	/	<=33	Pass
		Outer_Full	22.56	/	/	24.26	/	/	<=33	Pass
		Inner_Full	23.45	/	/	25.15	/	/	<=33	Pass
		Inner_1RB_Left	23.39	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Right	23.30	/	/	25.00	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.13	/	/	23.83	/	/	<=33	Pass
		Edge_1RB_Right	21.98	/	/	23.68	/	/	<=33	Pass
		Outer_Full	22.18	/	/	23.88	/	/	<=33	Pass
		Inner_Full	23.13	/	/	24.83	/	/	<=33	Pass
		Inner_1RB_Left	22.98	/	/	24.68	/	/	<=33	Pass
		Inner_1RB_Right	22.88	/	/	24.58	/	/	<=33	Pass
CP-OFDM 64 QAM	2521.02	Edge_1RB_Left	22.45	/	/	24.15	/	/	<=33	Pass
		Edge_1RB_Right	22.40	/	/	24.10	/	/	<=33	Pass
		Outer_Full	22.20	/	/	23.90	/	/	<=33	Pass
		Inner_Full	22.19	/	/	23.89	/	/	<=33	Pass
		Inner_1RB_Left	22.46	/	/	24.16	/	/	<=33	Pass
		Inner_1RB_Right	22.41	/	/	24.11	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.80	/	/	23.50	/	/	<=33	Pass
		Edge_1RB_Right	21.71	/	/	23.41	/	/	<=33	Pass
		Outer_Full	22.03	/	/	23.73	/	/	<=33	Pass
		Inner_Full	22.04	/	/	23.74	/	/	<=33	Pass
		Inner_1RB_Left	21.85	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Right	21.67	/	/	23.37	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	21.64	/	/	23.34	/	/	<=33	Pass

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		Edge_1RB_Right	21.80	/	/	23.50	/	/	<=33	Pass
		Outer_Full	21.74	/	/	23.44	/	/	<=33	Pass
		Inner_Full	21.67	/	/	23.37	/	/	<=33	Pass
		Inner_1RB_Left	21.70	/	/	23.40	/	/	<=33	Pass
		Inner_1RB_Right	21.92	/	/	23.62	/	/	<=33	Pass
CP-OFDM 256 QAM	2521.02	Edge_1RB_Left	19.39	/	/	21.09	/	/	<=33	Pass
		Edge_1RB_Right	19.21	/	/	20.91	/	/	<=33	Pass
		Outer_Full	19.24	/	/	20.94	/	/	<=33	Pass
		Inner_Full	19.24	/	/	20.94	/	/	<=33	Pass
		Inner_1RB_Left	19.40	/	/	21.10	/	/	<=33	Pass
		Inner_1RB_Right	19.18	/	/	20.88	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.04	/	/	20.74	/	/	<=33	Pass
		Edge_1RB_Right	18.98	/	/	20.68	/	/	<=33	Pass
		Outer_Full	18.99	/	/	20.69	/	/	<=33	Pass
		Inner_Full	19.01	/	/	20.71	/	/	<=33	Pass
		Inner_1RB_Left	19.09	/	/	20.79	/	/	<=33	Pass
		Inner_1RB_Right	18.96	/	/	20.66	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	18.77	/	/	20.47	/	/	<=33	Pass
		Edge_1RB_Right	18.97	/	/	20.67	/	/	<=33	Pass
		Outer_Full	18.84	/	/	20.54	/	/	<=33	Pass
		Inner_Full	18.84	/	/	20.54	/	/	<=33	Pass
		Inner_1RB_Left	18.80	/	/	20.50	/	/	<=33	Pass
		Inner_1RB_Right	18.97	/	/	20.67	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 1.70dBi;
Note2: EIRP=Conducted Power+Antenna Gain

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1.15 30k_SISO_60MHz_NTNV_EIRP

1.15.1 Test Result

5G NR n41 SCS=30kHz SISO 60MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2526	Edge_1RB_Left	24.76	/	/	26.46	/	/	<=33	Pass
		Edge_1RB_Right	24.90	/	/	26.60	/	/	<=33	Pass
		Outer_Full	24.92	/	/	26.62	/	/	<=33	Pass
		Inner_Full	25.40	/	/	27.10	/	/	<=33	Pass
		Inner_1RB_Left	25.29	/	/	26.99	/	/	<=33	Pass
		Inner_1RB_Right	25.29	/	/	26.99	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.71	/	/	26.41	/	/	<=33	Pass
		Edge_1RB_Right	24.63	/	/	26.33	/	/	<=33	Pass
		Outer_Full	24.85	/	/	26.55	/	/	<=33	Pass
		Inner_Full	25.33	/	/	27.03	/	/	<=33	Pass
		Inner_1RB_Left	25.28	/	/	26.98	/	/	<=33	Pass
		Inner_1RB_Right	25.08	/	/	26.78	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	24.48	/	/	26.18	/	/	<=33	Pass
		Edge_1RB_Right	24.36	/	/	26.06	/	/	<=33	Pass
		Outer_Full	24.40	/	/	26.10	/	/	<=33	Pass
		Inner_Full	24.92	/	/	26.62	/	/	<=33	Pass
		Inner_1RB_Left	24.91	/	/	26.61	/	/	<=33	Pass
		Inner_1RB_Right	24.80	/	/	26.50	/	/	<=33	Pass
DFT-s-OFDM QPSK	2526	Edge_1RB_Left	24.36	/	/	26.06	/	/	<=33	Pass
		Edge_1RB_Right	24.41	/	/	26.11	/	/	<=33	Pass
		Outer_Full	24.37	/	/	26.07	/	/	<=33	Pass
		Inner_Full	25.40	/	/	27.10	/	/	<=33	Pass
		Inner_1RB_Left	25.29	/	/	26.99	/	/	<=33	Pass
		Inner_1RB_Right	25.31	/	/	27.01	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.32	/	/	26.02	/	/	<=33	Pass
		Edge_1RB_Right	24.17	/	/	25.87	/	/	<=33	Pass
		Outer_Full	24.35	/	/	26.05	/	/	<=33	Pass
		Inner_Full	25.33	/	/	27.03	/	/	<=33	Pass
		Inner_1RB_Left	25.31	/	/	27.01	/	/	<=33	Pass
		Inner_1RB_Right	25.16	/	/	26.86	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	24.07	/	/	25.77	/	/	<=33	Pass
		Edge_1RB_Right	23.95	/	/	25.65	/	/	<=33	Pass
		Outer_Full	23.93	/	/	25.63	/	/	<=33	Pass
		Inner_Full	24.85	/	/	26.55	/	/	<=33	Pass
		Inner_1RB_Left	25.01	/	/	26.71	/	/	<=33	Pass
		Inner_1RB_Right	24.86	/	/	26.56	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2526	Edge_1RB_Left	23.41	/	/	25.11	/	/	<=33	Pass
		Edge_1RB_Right	23.10	/	/	24.80	/	/	<=33	Pass
		Outer_Full	23.38	/	/	25.08	/	/	<=33	Pass
		Inner_Full	24.39	/	/	26.09	/	/	<=33	Pass
		Inner_1RB_Left	24.02	/	/	25.72	/	/	<=33	Pass

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		Inner_1RB_Right	24.13	/	/	25.83	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.10	/	/	24.80	/	/	<=33	Pass
		Edge_1RB_Right	23.06	/	/	24.76	/	/	<=33	Pass
		Outer_Full	23.37	/	/	25.07	/	/	<=33	Pass
		Inner_Full	24.34	/	/	26.04	/	/	<=33	Pass
		Inner_1RB_Left	24.06	/	/	25.76	/	/	<=33	Pass
		Inner_1RB_Right	23.89	/	/	25.59	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.94	/	/	24.64	/	/	<=33	Pass
		Edge_1RB_Right	22.91	/	/	24.61	/	/	<=33	Pass
		Outer_Full	23.05	/	/	24.75	/	/	<=33	Pass
		Inner_Full	23.91	/	/	25.61	/	/	<=33	Pass
		Inner_1RB_Left	23.97	/	/	25.67	/	/	<=33	Pass
		Inner_1RB_Right	23.87	/	/	25.57	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2526	Edge_1RB_Left	23.04	/	/	24.74	/	/	<=33	Pass
		Edge_1RB_Right	23.10	/	/	24.80	/	/	<=33	Pass
		Outer_Full	23.06	/	/	24.76	/	/	<=33	Pass
		Inner_Full	23.03	/	/	24.73	/	/	<=33	Pass
		Inner_1RB_Left	23.01	/	/	24.71	/	/	<=33	Pass
		Inner_1RB_Right	23.06	/	/	24.76	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.19	/	/	24.89	/	/	<=33	Pass
		Edge_1RB_Right	23.05	/	/	24.75	/	/	<=33	Pass
		Outer_Full	22.84	/	/	24.54	/	/	<=33	Pass
		Inner_Full	22.94	/	/	24.64	/	/	<=33	Pass
		Inner_1RB_Left	23.12	/	/	24.82	/	/	<=33	Pass
		Inner_1RB_Right	23.01	/	/	24.71	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.73	/	/	24.43	/	/	<=33	Pass
		Edge_1RB_Right	22.67	/	/	24.37	/	/	<=33	Pass
		Outer_Full	22.57	/	/	24.27	/	/	<=33	Pass
		Inner_Full	22.49	/	/	24.19	/	/	<=33	Pass
		Inner_1RB_Left	22.67	/	/	24.37	/	/	<=33	Pass
		Inner_1RB_Right	22.55	/	/	24.25	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2526	Edge_1RB_Left	21.00	/	/	22.70	/	/	<=33	Pass
		Edge_1RB_Right	20.91	/	/	22.61	/	/	<=33	Pass
		Outer_Full	20.97	/	/	22.67	/	/	<=33	Pass
		Inner_Full	21.02	/	/	22.72	/	/	<=33	Pass
		Inner_1RB_Left	21.01	/	/	22.71	/	/	<=33	Pass
		Inner_1RB_Right	20.83	/	/	22.53	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.88	/	/	22.58	/	/	<=33	Pass
		Edge_1RB_Right	20.70	/	/	22.40	/	/	<=33	Pass
		Outer_Full	20.92	/	/	22.62	/	/	<=33	Pass
		Inner_Full	20.96	/	/	22.66	/	/	<=33	Pass
		Inner_1RB_Left	20.82	/	/	22.52	/	/	<=33	Pass
		Inner_1RB_Right	20.71	/	/	22.41	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	20.63	/	/	22.33	/	/	<=33	Pass
		Edge_1RB_Right	20.67	/	/	22.37	/	/	<=33	Pass
		Outer_Full	20.61	/	/	22.31	/	/	<=33	Pass
		Inner_Full	20.55	/	/	22.25	/	/	<=33	Pass
		Inner_1RB_Left	20.60	/	/	22.30	/	/	<=33	Pass
		Inner_1RB_Right	20.68	/	/	22.38	/	/	<=33	Pass

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CP-OFDM QPSK	2526	Edge_1RB_Left	22.24	/	/	23.94	/	/	<=33	Pass
		Edge_1RB_Right	22.06	/	/	23.76	/	/	<=33	Pass
		Outer_Full	22.41	/	/	24.11	/	/	<=33	Pass
		Inner_Full	23.91	/	/	25.61	/	/	<=33	Pass
		Inner_1RB_Left	23.71	/	/	25.41	/	/	<=33	Pass
		Inner_1RB_Right	23.61	/	/	25.31	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.23	/	/	23.93	/	/	<=33	Pass
		Edge_1RB_Right	21.96	/	/	23.66	/	/	<=33	Pass
		Outer_Full	22.40	/	/	24.10	/	/	<=33	Pass
		Inner_Full	23.86	/	/	25.56	/	/	<=33	Pass
		Inner_1RB_Left	23.59	/	/	25.29	/	/	<=33	Pass
		Inner_1RB_Right	23.49	/	/	25.19	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	21.91	/	/	23.61	/	/	<=33	Pass
		Edge_1RB_Right	21.86	/	/	23.56	/	/	<=33	Pass
		Outer_Full	22.02	/	/	23.72	/	/	<=33	Pass
		Inner_Full	23.43	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Left	23.35	/	/	25.05	/	/	<=33	Pass
		Inner_1RB_Right	23.29	/	/	24.99	/	/	<=33	Pass
CP-OFDM 16 QAM	2526	Edge_1RB_Left	22.26	/	/	23.96	/	/	<=33	Pass
		Edge_1RB_Right	22.46	/	/	24.16	/	/	<=33	Pass
		Outer_Full	22.47	/	/	24.17	/	/	<=33	Pass
		Inner_Full	23.44	/	/	25.14	/	/	<=33	Pass
		Inner_1RB_Left	23.22	/	/	24.92	/	/	<=33	Pass
		Inner_1RB_Right	23.25	/	/	24.95	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.19	/	/	23.89	/	/	<=33	Pass
		Edge_1RB_Right	21.95	/	/	23.65	/	/	<=33	Pass
		Outer_Full	22.31	/	/	24.01	/	/	<=33	Pass
		Inner_Full	23.40	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Left	23.24	/	/	24.94	/	/	<=33	Pass
		Inner_1RB_Right	22.91	/	/	24.61	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.06	/	/	23.76	/	/	<=33	Pass
		Edge_1RB_Right	22.06	/	/	23.76	/	/	<=33	Pass
		Outer_Full	21.96	/	/	23.66	/	/	<=33	Pass
		Inner_Full	22.94	/	/	24.64	/	/	<=33	Pass
		Inner_1RB_Left	22.91	/	/	24.61	/	/	<=33	Pass
		Inner_1RB_Right	22.90	/	/	24.60	/	/	<=33	Pass
CP-OFDM 64 QAM	2526	Edge_1RB_Left	22.27	/	/	23.97	/	/	<=33	Pass
		Edge_1RB_Right	22.23	/	/	23.93	/	/	<=33	Pass
		Outer_Full	21.98	/	/	23.68	/	/	<=33	Pass
		Inner_Full	22.02	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Left	22.17	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Right	22.20	/	/	23.90	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.22	/	/	23.92	/	/	<=33	Pass
		Edge_1RB_Right	21.91	/	/	23.61	/	/	<=33	Pass
		Outer_Full	21.88	/	/	23.58	/	/	<=33	Pass
		Inner_Full	22.04	/	/	23.74	/	/	<=33	Pass
		Inner_1RB_Left	22.15	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Right	21.97	/	/	23.67	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	21.43	/	/	23.13	/	/	<=33	Pass

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		Edge_1RB_Right	21.56	/	/	23.26	/	/	<=33	Pass
		Outer_Full	21.56	/	/	23.26	/	/	<=33	Pass
		Inner_Full	21.55	/	/	23.25	/	/	<=33	Pass
		Inner_1RB_Left	21.43	/	/	23.13	/	/	<=33	Pass
		Inner_1RB_Right	21.77	/	/	23.47	/	/	<=33	Pass
CP-OFDM 256 QAM	2526	Edge_1RB_Left	19.23	/	/	20.93	/	/	<=33	Pass
		Edge_1RB_Right	19.04	/	/	20.74	/	/	<=33	Pass
		Outer_Full	19.06	/	/	20.76	/	/	<=33	Pass
		Inner_Full	19.05	/	/	20.75	/	/	<=33	Pass
		Inner_1RB_Left	19.24	/	/	20.94	/	/	<=33	Pass
		Inner_1RB_Right	19.05	/	/	20.75	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.03	/	/	20.73	/	/	<=33	Pass
		Edge_1RB_Right	18.95	/	/	20.65	/	/	<=33	Pass
		Outer_Full	18.96	/	/	20.66	/	/	<=33	Pass
		Inner_Full	18.96	/	/	20.66	/	/	<=33	Pass
		Inner_1RB_Left	19.03	/	/	20.73	/	/	<=33	Pass
		Inner_1RB_Right	18.91	/	/	20.61	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	18.71	/	/	20.41	/	/	<=33	Pass
		Edge_1RB_Right	18.90	/	/	20.60	/	/	<=33	Pass
		Outer_Full	18.64	/	/	20.34	/	/	<=33	Pass
		Inner_Full	18.59	/	/	20.29	/	/	<=33	Pass
		Inner_1RB_Left	18.74	/	/	20.44	/	/	<=33	Pass
		Inner_1RB_Right	18.90	/	/	20.60	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 1.70dBi;
Note2: EIRP=Conducted Power+Antenna Gain

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1.16 30k_SISO_70MHz_NTNV_EIRP

1.16.1 Test Result

5G NR n41 SCS=30kHz SISO 70MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2531.01	Edge_1RB_Left	24.98	/	/	26.68	/	/	<=33	Pass
		Edge_1RB_Right	24.90	/	/	26.60	/	/	<=33	Pass
		Outer_Full	25.11	/	/	26.81	/	/	<=33	Pass
		Inner_Full	25.57	/	/	27.27	/	/	<=33	Pass
		Inner_1RB_Left	25.44	/	/	27.14	/	/	<=33	Pass
		Inner_1RB_Right	25.34	/	/	27.04	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.88	/	/	26.58	/	/	<=33	Pass
		Edge_1RB_Right	24.71	/	/	26.41	/	/	<=33	Pass
		Outer_Full	24.99	/	/	26.69	/	/	<=33	Pass
		Inner_Full	25.41	/	/	27.11	/	/	<=33	Pass
		Inner_1RB_Left	25.36	/	/	27.06	/	/	<=33	Pass
		Inner_1RB_Right	25.14	/	/	26.84	/	/	<=33	Pass
	2655	Edge_1RB_Left	24.54	/	/	26.24	/	/	<=33	Pass
		Edge_1RB_Right	24.32	/	/	26.02	/	/	<=33	Pass
		Outer_Full	24.41	/	/	26.11	/	/	<=33	Pass
		Inner_Full	24.89	/	/	26.59	/	/	<=33	Pass
		Inner_1RB_Left	25.08	/	/	26.78	/	/	<=33	Pass
		Inner_1RB_Right	24.87	/	/	26.57	/	/	<=33	Pass
DFT-s-OFDM QPSK	2531.01	Edge_1RB_Left	24.57	/	/	26.27	/	/	<=33	Pass
		Edge_1RB_Right	24.49	/	/	26.19	/	/	<=33	Pass
		Outer_Full	24.59	/	/	26.29	/	/	<=33	Pass
		Inner_Full	25.55	/	/	27.25	/	/	<=33	Pass
		Inner_1RB_Left	25.48	/	/	27.18	/	/	<=33	Pass
		Inner_1RB_Right	25.43	/	/	27.13	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.50	/	/	26.20	/	/	<=33	Pass
		Edge_1RB_Right	24.31	/	/	26.01	/	/	<=33	Pass
		Outer_Full	24.45	/	/	26.15	/	/	<=33	Pass
		Inner_Full	25.38	/	/	27.08	/	/	<=33	Pass
		Inner_1RB_Left	25.46	/	/	27.16	/	/	<=33	Pass
		Inner_1RB_Right	25.22	/	/	26.92	/	/	<=33	Pass
	2655	Edge_1RB_Left	24.14	/	/	25.84	/	/	<=33	Pass
		Edge_1RB_Right	24.00	/	/	25.70	/	/	<=33	Pass
		Outer_Full	23.95	/	/	25.65	/	/	<=33	Pass
		Inner_Full	24.81	/	/	26.51	/	/	<=33	Pass
		Inner_1RB_Left	25.10	/	/	26.80	/	/	<=33	Pass
		Inner_1RB_Right	24.86	/	/	26.56	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2531.01	Edge_1RB_Left	23.40	/	/	25.10	/	/	<=33	Pass
		Edge_1RB_Right	23.30	/	/	25.00	/	/	<=33	Pass
		Outer_Full	23.65	/	/	25.35	/	/	<=33	Pass
		Inner_Full	24.63	/	/	26.33	/	/	<=33	Pass
		Inner_1RB_Left	24.32	/	/	26.02	/	/	<=33	Pass

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		Inner_1RB_Right	24.15	/	/	25.85	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.36	/	/	25.06	/	/	<=33	Pass
		Edge_1RB_Right	23.19	/	/	24.89	/	/	<=33	Pass
		Outer_Full	23.44	/	/	25.14	/	/	<=33	Pass
		Inner_Full	24.43	/	/	26.13	/	/	<=33	Pass
		Inner_1RB_Left	24.14	/	/	25.84	/	/	<=33	Pass
		Inner_1RB_Right	23.96	/	/	25.66	/	/	<=33	Pass
	2655	Edge_1RB_Left	22.95	/	/	24.65	/	/	<=33	Pass
		Edge_1RB_Right	22.86	/	/	24.56	/	/	<=33	Pass
		Outer_Full	23.05	/	/	24.75	/	/	<=33	Pass
		Inner_Full	23.86	/	/	25.56	/	/	<=33	Pass
		Inner_1RB_Left	24.23	/	/	25.93	/	/	<=33	Pass
		Inner_1RB_Right	24.04	/	/	25.74	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2531.01	Edge_1RB_Left	23.13	/	/	24.83	/	/	<=33	Pass
		Edge_1RB_Right	23.03	/	/	24.73	/	/	<=33	Pass
		Outer_Full	23.20	/	/	24.90	/	/	<=33	Pass
		Inner_Full	23.20	/	/	24.90	/	/	<=33	Pass
		Inner_1RB_Left	23.35	/	/	25.05	/	/	<=33	Pass
		Inner_1RB_Right	23.28	/	/	24.98	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.99	/	/	24.69	/	/	<=33	Pass
		Edge_1RB_Right	23.04	/	/	24.74	/	/	<=33	Pass
		Outer_Full	22.92	/	/	24.62	/	/	<=33	Pass
		Inner_Full	22.97	/	/	24.67	/	/	<=33	Pass
		Inner_1RB_Left	23.20	/	/	24.90	/	/	<=33	Pass
		Inner_1RB_Right	22.91	/	/	24.61	/	/	<=33	Pass
	2655	Edge_1RB_Left	22.96	/	/	24.66	/	/	<=33	Pass
		Edge_1RB_Right	22.83	/	/	24.53	/	/	<=33	Pass
		Outer_Full	22.54	/	/	24.24	/	/	<=33	Pass
		Inner_Full	22.50	/	/	24.20	/	/	<=33	Pass
		Inner_1RB_Left	22.68	/	/	24.38	/	/	<=33	Pass
		Inner_1RB_Right	22.48	/	/	24.18	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2531.01	Edge_1RB_Left	21.12	/	/	22.82	/	/	<=33	Pass
		Edge_1RB_Right	20.98	/	/	22.68	/	/	<=33	Pass
		Outer_Full	21.13	/	/	22.83	/	/	<=33	Pass
		Inner_Full	21.18	/	/	22.88	/	/	<=33	Pass
		Inner_1RB_Left	21.24	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Right	20.98	/	/	22.68	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.01	/	/	22.71	/	/	<=33	Pass
		Edge_1RB_Right	20.78	/	/	22.48	/	/	<=33	Pass
		Outer_Full	21.02	/	/	22.72	/	/	<=33	Pass
		Inner_Full	21.05	/	/	22.75	/	/	<=33	Pass
		Inner_1RB_Left	21.02	/	/	22.72	/	/	<=33	Pass
		Inner_1RB_Right	20.77	/	/	22.47	/	/	<=33	Pass
	2655	Edge_1RB_Left	20.66	/	/	22.36	/	/	<=33	Pass
		Edge_1RB_Right	20.64	/	/	22.34	/	/	<=33	Pass
		Outer_Full	20.69	/	/	22.39	/	/	<=33	Pass
		Inner_Full	20.59	/	/	22.29	/	/	<=33	Pass
		Inner_1RB_Left	20.65	/	/	22.35	/	/	<=33	Pass
		Inner_1RB_Right	20.64	/	/	22.34	/	/	<=33	Pass

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CP-OFDM QPSK	2531.01	Edge_1RB_Left	22.47	/	/	24.17	/	/	<=33	Pass
		Edge_1RB_Right	22.44	/	/	24.14	/	/	<=33	Pass
		Outer_Full	22.71	/	/	24.41	/	/	<=33	Pass
		Inner_Full	24.16	/	/	25.86	/	/	<=33	Pass
		Inner_1RB_Left	23.99	/	/	25.69	/	/	<=33	Pass
		Inner_1RB_Right	23.91	/	/	25.61	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.41	/	/	24.11	/	/	<=33	Pass
		Edge_1RB_Right	22.06	/	/	23.76	/	/	<=33	Pass
		Outer_Full	22.50	/	/	24.20	/	/	<=33	Pass
		Inner_Full	23.96	/	/	25.66	/	/	<=33	Pass
		Inner_1RB_Left	23.70	/	/	25.40	/	/	<=33	Pass
		Inner_1RB_Right	23.54	/	/	25.24	/	/	<=33	Pass
	2655	Edge_1RB_Left	22.00	/	/	23.70	/	/	<=33	Pass
		Edge_1RB_Right	21.94	/	/	23.64	/	/	<=33	Pass
		Outer_Full	22.15	/	/	23.85	/	/	<=33	Pass
		Inner_Full	23.40	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Left	24.24	/	/	25.94	/	/	<=33	Pass
		Inner_1RB_Right	24.32	/	/	26.02	/	/	<=33	Pass
CP-OFDM 16 QAM	2531.01	Edge_1RB_Left	22.69	/	/	24.39	/	/	<=33	Pass
		Edge_1RB_Right	22.36	/	/	24.06	/	/	<=33	Pass
		Outer_Full	22.74	/	/	24.44	/	/	<=33	Pass
		Inner_Full	23.66	/	/	25.36	/	/	<=33	Pass
		Inner_1RB_Left	23.52	/	/	25.22	/	/	<=33	Pass
		Inner_1RB_Right	23.40	/	/	25.10	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.63	/	/	24.33	/	/	<=33	Pass
		Edge_1RB_Right	22.22	/	/	23.92	/	/	<=33	Pass
		Outer_Full	22.47	/	/	24.17	/	/	<=33	Pass
		Inner_Full	23.46	/	/	25.16	/	/	<=33	Pass
		Inner_1RB_Left	23.35	/	/	25.05	/	/	<=33	Pass
		Inner_1RB_Right	23.17	/	/	24.87	/	/	<=33	Pass
	2655	Edge_1RB_Left	22.40	/	/	24.10	/	/	<=33	Pass
		Edge_1RB_Right	22.27	/	/	23.97	/	/	<=33	Pass
		Outer_Full	22.09	/	/	23.79	/	/	<=33	Pass
		Inner_Full	22.92	/	/	24.62	/	/	<=33	Pass
		Inner_1RB_Left	23.31	/	/	25.01	/	/	<=33	Pass
		Inner_1RB_Right	23.25	/	/	24.95	/	/	<=33	Pass
CP-OFDM 64 QAM	2531.01	Edge_1RB_Left	22.58	/	/	24.28	/	/	<=33	Pass
		Edge_1RB_Right	22.47	/	/	24.17	/	/	<=33	Pass
		Outer_Full	22.21	/	/	23.91	/	/	<=33	Pass
		Inner_Full	22.24	/	/	23.94	/	/	<=33	Pass
		Inner_1RB_Left	22.36	/	/	24.06	/	/	<=33	Pass
		Inner_1RB_Right	22.04	/	/	23.74	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.33	/	/	24.03	/	/	<=33	Pass
		Edge_1RB_Right	22.17	/	/	23.87	/	/	<=33	Pass
		Outer_Full	21.97	/	/	23.67	/	/	<=33	Pass
		Inner_Full	21.99	/	/	23.69	/	/	<=33	Pass
		Inner_1RB_Left	22.21	/	/	23.91	/	/	<=33	Pass
		Inner_1RB_Right	21.78	/	/	23.48	/	/	<=33	Pass
	2655	Edge_1RB_Left	22.10	/	/	23.80	/	/	<=33	Pass

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		Edge_1RB_Right	22.05	/	/	23.75	/	/	<=33	Pass
		Outer_Full	21.60	/	/	23.30	/	/	<=33	Pass
		Inner_Full	21.46	/	/	23.16	/	/	<=33	Pass
		Inner_1RB_Left	22.13	/	/	23.83	/	/	<=33	Pass
		Inner_1RB_Right	22.01	/	/	23.71	/	/	<=33	Pass
CP-OFDM 256 QAM	2531.01	Edge_1RB_Left	19.38	/	/	21.08	/	/	<=33	Pass
		Edge_1RB_Right	19.18	/	/	20.88	/	/	<=33	Pass
		Outer_Full	19.18	/	/	20.88	/	/	<=33	Pass
		Inner_Full	19.17	/	/	20.87	/	/	<=33	Pass
		Inner_1RB_Left	19.41	/	/	21.11	/	/	<=33	Pass
		Inner_1RB_Right	19.20	/	/	20.90	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.22	/	/	20.92	/	/	<=33	Pass
		Edge_1RB_Right	18.95	/	/	20.65	/	/	<=33	Pass
		Outer_Full	19.05	/	/	20.75	/	/	<=33	Pass
		Inner_Full	19.01	/	/	20.71	/	/	<=33	Pass
		Inner_1RB_Left	19.23	/	/	20.93	/	/	<=33	Pass
		Inner_1RB_Right	19.02	/	/	20.72	/	/	<=33	Pass
	2655	Edge_1RB_Left	18.81	/	/	20.51	/	/	<=33	Pass
		Edge_1RB_Right	18.90	/	/	20.60	/	/	<=33	Pass
		Outer_Full	18.68	/	/	20.38	/	/	<=33	Pass
		Inner_Full	18.61	/	/	20.31	/	/	<=33	Pass
		Inner_1RB_Left	18.81	/	/	20.51	/	/	<=33	Pass
		Inner_1RB_Right	18.83	/	/	20.53	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 1.70dBi;
Note2: EIRP=Conducted Power+Antenna Gain

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1.17 30k_SISO_80MHz_NTNV_EIRP

1.17.1 Test Result

5G NR n41 SCS=30kHz SISO 80MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2536.02	Edge_1RB_Left	24.94	/	/	26.64	/	/	<=33	Pass
		Edge_1RB_Right	24.88	/	/	26.58	/	/	<=33	Pass
		Outer_Full	24.82	/	/	26.52	/	/	<=33	Pass
		Inner_Full	25.35	/	/	27.05	/	/	<=33	Pass
		Inner_1RB_Left	25.19	/	/	26.89	/	/	<=33	Pass
		Inner_1RB_Right	25.19	/	/	26.89	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.85	/	/	26.55	/	/	<=33	Pass
		Edge_1RB_Right	24.46	/	/	26.16	/	/	<=33	Pass
		Outer_Full	24.74	/	/	26.44	/	/	<=33	Pass
		Inner_Full	25.25	/	/	26.95	/	/	<=33	Pass
		Inner_1RB_Left	25.33	/	/	27.03	/	/	<=33	Pass
		Inner_1RB_Right	24.90	/	/	26.60	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	24.43	/	/	26.13	/	/	<=33	Pass
		Edge_1RB_Right	24.23	/	/	25.93	/	/	<=33	Pass
		Outer_Full	24.39	/	/	26.09	/	/	<=33	Pass
		Inner_Full	24.83	/	/	26.53	/	/	<=33	Pass
		Inner_1RB_Left	25.04	/	/	26.74	/	/	<=33	Pass
		Inner_1RB_Right	24.78	/	/	26.48	/	/	<=33	Pass
DFT-s-OFDM QPSK	2536.02	Edge_1RB_Left	24.33	/	/	26.03	/	/	<=33	Pass
		Edge_1RB_Right	24.33	/	/	26.03	/	/	<=33	Pass
		Outer_Full	24.36	/	/	26.06	/	/	<=33	Pass
		Inner_Full	25.33	/	/	27.03	/	/	<=33	Pass
		Inner_1RB_Left	25.27	/	/	26.97	/	/	<=33	Pass
		Inner_1RB_Right	25.29	/	/	26.99	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.42	/	/	26.12	/	/	<=33	Pass
		Edge_1RB_Right	24.07	/	/	25.77	/	/	<=33	Pass
		Outer_Full	24.28	/	/	25.98	/	/	<=33	Pass
		Inner_Full	25.20	/	/	26.90	/	/	<=33	Pass
		Inner_1RB_Left	25.34	/	/	27.04	/	/	<=33	Pass
		Inner_1RB_Right	24.97	/	/	26.67	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	24.12	/	/	25.82	/	/	<=33	Pass
		Edge_1RB_Right	23.82	/	/	25.52	/	/	<=33	Pass
		Outer_Full	23.93	/	/	25.63	/	/	<=33	Pass
		Inner_Full	24.86	/	/	26.56	/	/	<=33	Pass
		Inner_1RB_Left	25.04	/	/	26.74	/	/	<=33	Pass
		Inner_1RB_Right	24.73	/	/	26.43	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2536.02	Edge_1RB_Left	23.36	/	/	25.06	/	/	<=33	Pass
		Edge_1RB_Right	23.46	/	/	25.16	/	/	<=33	Pass
		Outer_Full	23.35	/	/	25.05	/	/	<=33	Pass
		Inner_Full	24.42	/	/	26.12	/	/	<=33	Pass
		Inner_1RB_Left	24.17	/	/	25.87	/	/	<=33	Pass

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		Inner_1RB_Right	24.36	/	/	26.06	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.50	/	/	25.20	/	/	<=33	Pass
		Edge_1RB_Right	23.02	/	/	24.72	/	/	<=33	Pass
		Outer_Full	23.17	/	/	24.87	/	/	<=33	Pass
		Inner_Full	24.25	/	/	25.95	/	/	<=33	Pass
		Inner_1RB_Left	24.26	/	/	25.96	/	/	<=33	Pass
		Inner_1RB_Right	23.69	/	/	25.39	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.92	/	/	24.62	/	/	<=33	Pass
		Edge_1RB_Right	23.07	/	/	24.77	/	/	<=33	Pass
		Outer_Full	23.01	/	/	24.71	/	/	<=33	Pass
		Inner_Full	23.89	/	/	25.59	/	/	<=33	Pass
		Inner_1RB_Left	23.79	/	/	25.49	/	/	<=33	Pass
		Inner_1RB_Right	23.64	/	/	25.34	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2536.02	Edge_1RB_Left	22.96	/	/	24.66	/	/	<=33	Pass
		Edge_1RB_Right	22.93	/	/	24.63	/	/	<=33	Pass
		Outer_Full	22.85	/	/	24.55	/	/	<=33	Pass
		Inner_Full	22.95	/	/	24.65	/	/	<=33	Pass
		Inner_1RB_Left	22.98	/	/	24.68	/	/	<=33	Pass
		Inner_1RB_Right	22.94	/	/	24.64	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.22	/	/	24.92	/	/	<=33	Pass
		Edge_1RB_Right	22.79	/	/	24.49	/	/	<=33	Pass
		Outer_Full	22.78	/	/	24.48	/	/	<=33	Pass
		Inner_Full	22.74	/	/	24.44	/	/	<=33	Pass
		Inner_1RB_Left	22.95	/	/	24.65	/	/	<=33	Pass
		Inner_1RB_Right	22.62	/	/	24.32	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	23.13	/	/	24.83	/	/	<=33	Pass
		Edge_1RB_Right	23.00	/	/	24.70	/	/	<=33	Pass
		Outer_Full	22.48	/	/	24.18	/	/	<=33	Pass
		Inner_Full	22.44	/	/	24.14	/	/	<=33	Pass
		Inner_1RB_Left	22.56	/	/	24.26	/	/	<=33	Pass
		Inner_1RB_Right	22.50	/	/	24.20	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2536.02	Edge_1RB_Left	20.95	/	/	22.65	/	/	<=33	Pass
		Edge_1RB_Right	20.82	/	/	22.52	/	/	<=33	Pass
		Outer_Full	20.96	/	/	22.66	/	/	<=33	Pass
		Inner_Full	20.98	/	/	22.68	/	/	<=33	Pass
		Inner_1RB_Left	20.95	/	/	22.65	/	/	<=33	Pass
		Inner_1RB_Right	20.87	/	/	22.57	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.91	/	/	22.61	/	/	<=33	Pass
		Edge_1RB_Right	20.56	/	/	22.26	/	/	<=33	Pass
		Outer_Full	20.80	/	/	22.50	/	/	<=33	Pass
		Inner_Full	20.82	/	/	22.52	/	/	<=33	Pass
		Inner_1RB_Left	20.97	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Right	20.59	/	/	22.29	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	20.46	/	/	22.16	/	/	<=33	Pass
		Edge_1RB_Right	20.44	/	/	22.14	/	/	<=33	Pass
		Outer_Full	20.62	/	/	22.32	/	/	<=33	Pass
		Inner_Full	20.57	/	/	22.27	/	/	<=33	Pass
		Inner_1RB_Left	20.46	/	/	22.16	/	/	<=33	Pass
		Inner_1RB_Right	20.46	/	/	22.16	/	/	<=33	Pass

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CP-OFDM QPSK	2536.02	Edge_1RB_Left	22.12	/	/	23.82	/	/	<=33	Pass
		Edge_1RB_Right	22.26	/	/	23.96	/	/	<=33	Pass
		Outer_Full	22.48	/	/	24.18	/	/	<=33	Pass
		Inner_Full	23.94	/	/	25.64	/	/	<=33	Pass
		Inner_1RB_Left	23.65	/	/	25.35	/	/	<=33	Pass
		Inner_1RB_Right	23.58	/	/	25.28	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.38	/	/	24.08	/	/	<=33	Pass
		Edge_1RB_Right	21.91	/	/	23.61	/	/	<=33	Pass
		Outer_Full	22.33	/	/	24.03	/	/	<=33	Pass
		Inner_Full	23.78	/	/	25.48	/	/	<=33	Pass
		Inner_1RB_Left	23.89	/	/	25.59	/	/	<=33	Pass
		Inner_1RB_Right	23.33	/	/	25.03	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	21.95	/	/	23.65	/	/	<=33	Pass
		Edge_1RB_Right	21.84	/	/	23.54	/	/	<=33	Pass
		Outer_Full	22.07	/	/	23.77	/	/	<=33	Pass
		Inner_Full	23.35	/	/	25.05	/	/	<=33	Pass
		Inner_1RB_Left	23.38	/	/	25.08	/	/	<=33	Pass
		Inner_1RB_Right	23.28	/	/	24.98	/	/	<=33	Pass
CP-OFDM 16 QAM	2536.02	Edge_1RB_Left	22.40	/	/	24.10	/	/	<=33	Pass
		Edge_1RB_Right	22.26	/	/	23.96	/	/	<=33	Pass
		Outer_Full	22.36	/	/	24.06	/	/	<=33	Pass
		Inner_Full	23.40	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Left	23.15	/	/	24.85	/	/	<=33	Pass
		Inner_1RB_Right	23.41	/	/	25.11	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.54	/	/	24.24	/	/	<=33	Pass
		Edge_1RB_Right	22.09	/	/	23.79	/	/	<=33	Pass
		Outer_Full	22.40	/	/	24.10	/	/	<=33	Pass
		Inner_Full	23.27	/	/	24.97	/	/	<=33	Pass
		Inner_1RB_Left	23.52	/	/	25.22	/	/	<=33	Pass
		Inner_1RB_Right	22.85	/	/	24.55	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.15	/	/	23.85	/	/	<=33	Pass
		Edge_1RB_Right	22.00	/	/	23.70	/	/	<=33	Pass
		Outer_Full	21.98	/	/	23.68	/	/	<=33	Pass
		Inner_Full	22.91	/	/	24.61	/	/	<=33	Pass
		Inner_1RB_Left	23.09	/	/	24.79	/	/	<=33	Pass
		Inner_1RB_Right	23.17	/	/	24.87	/	/	<=33	Pass
CP-OFDM 64 QAM	2536.02	Edge_1RB_Left	22.33	/	/	24.03	/	/	<=33	Pass
		Edge_1RB_Right	22.16	/	/	23.86	/	/	<=33	Pass
		Outer_Full	21.89	/	/	23.59	/	/	<=33	Pass
		Inner_Full	21.93	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Left	22.34	/	/	24.04	/	/	<=33	Pass
		Inner_1RB_Right	21.79	/	/	23.49	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.98	/	/	23.68	/	/	<=33	Pass
		Edge_1RB_Right	21.70	/	/	23.40	/	/	<=33	Pass
		Outer_Full	21.79	/	/	23.49	/	/	<=33	Pass
		Inner_Full	21.84	/	/	23.54	/	/	<=33	Pass
		Inner_1RB_Left	21.94	/	/	23.64	/	/	<=33	Pass
		Inner_1RB_Right	21.94	/	/	23.64	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	21.92	/	/	23.62	/	/	<=33	Pass

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		Edge_1RB_Right	21.72	/	/	23.42	/	/	<=33	Pass
		Outer_Full	21.53	/	/	23.23	/	/	<=33	Pass
		Inner_Full	21.51	/	/	23.21	/	/	<=33	Pass
		Inner_1RB_Left	21.95	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Right	21.53	/	/	23.23	/	/	<=33	Pass
CP-OFDM 256 QAM	2536.02	Edge_1RB_Left	19.17	/	/	20.87	/	/	<=33	Pass
		Edge_1RB_Right	18.99	/	/	20.69	/	/	<=33	Pass
		Outer_Full	18.99	/	/	20.69	/	/	<=33	Pass
		Inner_Full	19.02	/	/	20.72	/	/	<=33	Pass
		Inner_1RB_Left	19.18	/	/	20.88	/	/	<=33	Pass
		Inner_1RB_Right	19.03	/	/	20.73	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.05	/	/	20.75	/	/	<=33	Pass
		Edge_1RB_Right	18.71	/	/	20.41	/	/	<=33	Pass
		Outer_Full	18.87	/	/	20.57	/	/	<=33	Pass
		Inner_Full	18.85	/	/	20.55	/	/	<=33	Pass
		Inner_1RB_Left	19.08	/	/	20.78	/	/	<=33	Pass
		Inner_1RB_Right	18.72	/	/	20.42	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	18.68	/	/	20.38	/	/	<=33	Pass
		Edge_1RB_Right	18.71	/	/	20.41	/	/	<=33	Pass
		Outer_Full	18.64	/	/	20.34	/	/	<=33	Pass
		Inner_Full	18.62	/	/	20.32	/	/	<=33	Pass
		Inner_1RB_Left	18.72	/	/	20.42	/	/	<=33	Pass
		Inner_1RB_Right	18.73	/	/	20.43	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 1.70dBi;
Note2: EIRP=Conducted Power+Antenna Gain

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1.18 30k_SISO_90MHz_NTNV_EIRP

1.18.1 Test Result

5G NR n41 SCS=30kHz SISO 90MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2541	Edge_1RB_Left	24.39	/	/	26.09	/	/	<=33	Pass
		Edge_1RB_Right	24.35	/	/	26.05	/	/	<=33	Pass
		Outer_Full	24.45	/	/	26.15	/	/	<=33	Pass
		Inner_Full	25.40	/	/	27.10	/	/	<=33	Pass
		Inner_1RB_Left	25.28	/	/	26.98	/	/	<=33	Pass
		Inner_1RB_Right	25.20	/	/	26.90	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.79	/	/	26.49	/	/	<=33	Pass
		Edge_1RB_Right	24.37	/	/	26.07	/	/	<=33	Pass
		Outer_Full	24.73	/	/	26.43	/	/	<=33	Pass
		Inner_Full	25.22	/	/	26.92	/	/	<=33	Pass
		Inner_1RB_Left	25.17	/	/	26.87	/	/	<=33	Pass
		Inner_1RB_Right	24.82	/	/	26.52	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	24.48	/	/	26.18	/	/	<=33	Pass
		Edge_1RB_Right	24.21	/	/	25.91	/	/	<=33	Pass
		Outer_Full	24.44	/	/	26.14	/	/	<=33	Pass
		Inner_Full	24.99	/	/	26.69	/	/	<=33	Pass
		Inner_1RB_Left	25.06	/	/	26.76	/	/	<=33	Pass
		Inner_1RB_Right	24.57	/	/	26.27	/	/	<=33	Pass
DFT-s-OFDM QPSK	2541	Edge_1RB_Left	24.41	/	/	26.11	/	/	<=33	Pass
		Edge_1RB_Right	24.34	/	/	26.04	/	/	<=33	Pass
		Outer_Full	24.44	/	/	26.14	/	/	<=33	Pass
		Inner_Full	25.37	/	/	27.07	/	/	<=33	Pass
		Inner_1RB_Left	25.29	/	/	26.99	/	/	<=33	Pass
		Inner_1RB_Right	25.18	/	/	26.88	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.28	/	/	25.98	/	/	<=33	Pass
		Edge_1RB_Right	23.91	/	/	25.61	/	/	<=33	Pass
		Outer_Full	24.23	/	/	25.93	/	/	<=33	Pass
		Inner_Full	25.22	/	/	26.92	/	/	<=33	Pass
		Inner_1RB_Left	25.29	/	/	26.99	/	/	<=33	Pass
		Inner_1RB_Right	24.84	/	/	26.54	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	24.18	/	/	25.88	/	/	<=33	Pass
		Edge_1RB_Right	23.80	/	/	25.50	/	/	<=33	Pass
		Outer_Full	24.03	/	/	25.73	/	/	<=33	Pass
		Inner_Full	24.99	/	/	26.69	/	/	<=33	Pass
		Inner_1RB_Left	25.08	/	/	26.78	/	/	<=33	Pass
		Inner_1RB_Right	24.66	/	/	26.36	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2541	Edge_1RB_Left	23.17	/	/	24.87	/	/	<=33	Pass
		Edge_1RB_Right	23.15	/	/	24.85	/	/	<=33	Pass
		Outer_Full	23.38	/	/	25.08	/	/	<=33	Pass
		Inner_Full	24.47	/	/	26.17	/	/	<=33	Pass
		Inner_1RB_Left	24.05	/	/	25.75	/	/	<=33	Pass

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		Inner_1RB_Right	24.21	/	/	25.91	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.43	/	/	25.13	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	24.47	/	/	<=33	Pass
		Outer_Full	23.24	/	/	24.94	/	/	<=33	Pass
		Inner_Full	24.23	/	/	25.93	/	/	<=33	Pass
		Inner_1RB_Left	24.23	/	/	25.93	/	/	<=33	Pass
		Inner_1RB_Right	23.63	/	/	25.33	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	23.00	/	/	24.70	/	/	<=33	Pass
		Edge_1RB_Right	22.73	/	/	24.43	/	/	<=33	Pass
		Outer_Full	23.03	/	/	24.73	/	/	<=33	Pass
		Inner_Full	24.11	/	/	25.81	/	/	<=33	Pass
		Inner_1RB_Left	24.03	/	/	25.73	/	/	<=33	Pass
		Inner_1RB_Right	23.66	/	/	25.36	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2541	Edge_1RB_Left	23.05	/	/	24.75	/	/	<=33	Pass
		Edge_1RB_Right	22.88	/	/	24.58	/	/	<=33	Pass
		Outer_Full	22.99	/	/	24.69	/	/	<=33	Pass
		Inner_Full	23.01	/	/	24.71	/	/	<=33	Pass
		Inner_1RB_Left	22.90	/	/	24.60	/	/	<=33	Pass
		Inner_1RB_Right	22.86	/	/	24.56	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.94	/	/	24.64	/	/	<=33	Pass
		Edge_1RB_Right	22.46	/	/	24.16	/	/	<=33	Pass
		Outer_Full	22.82	/	/	24.52	/	/	<=33	Pass
		Inner_Full	22.77	/	/	24.47	/	/	<=33	Pass
		Inner_1RB_Left	22.99	/	/	24.69	/	/	<=33	Pass
		Inner_1RB_Right	22.64	/	/	24.34	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.82	/	/	24.52	/	/	<=33	Pass
		Edge_1RB_Right	22.50	/	/	24.20	/	/	<=33	Pass
		Outer_Full	22.59	/	/	24.29	/	/	<=33	Pass
		Inner_Full	22.59	/	/	24.29	/	/	<=33	Pass
		Inner_1RB_Left	22.83	/	/	24.53	/	/	<=33	Pass
		Inner_1RB_Right	22.44	/	/	24.14	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2541	Edge_1RB_Left	20.92	/	/	22.62	/	/	<=33	Pass
		Edge_1RB_Right	20.74	/	/	22.44	/	/	<=33	Pass
		Outer_Full	21.03	/	/	22.73	/	/	<=33	Pass
		Inner_Full	21.10	/	/	22.80	/	/	<=33	Pass
		Inner_1RB_Left	20.92	/	/	22.62	/	/	<=33	Pass
		Inner_1RB_Right	20.75	/	/	22.45	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.92	/	/	22.62	/	/	<=33	Pass
		Edge_1RB_Right	20.52	/	/	22.22	/	/	<=33	Pass
		Outer_Full	20.82	/	/	22.52	/	/	<=33	Pass
		Inner_Full	20.87	/	/	22.57	/	/	<=33	Pass
		Inner_1RB_Left	20.92	/	/	22.62	/	/	<=33	Pass
		Inner_1RB_Right	20.52	/	/	22.22	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	20.66	/	/	22.36	/	/	<=33	Pass
		Edge_1RB_Right	20.44	/	/	22.14	/	/	<=33	Pass
		Outer_Full	20.75	/	/	22.45	/	/	<=33	Pass
		Inner_Full	20.71	/	/	22.41	/	/	<=33	Pass
		Inner_1RB_Left	20.66	/	/	22.36	/	/	<=33	Pass
		Inner_1RB_Right	20.40	/	/	22.10	/	/	<=33	Pass

检验检测专用章 Inspection & Testing Services

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CP-OFDM QPSK	2541	Edge_1RB_Left	22.25	/	/	23.95	/	/	<=33	Pass
		Edge_1RB_Right	22.08	/	/	23.78	/	/	<=33	Pass
		Outer_Full	22.56	/	/	24.26	/	/	<=33	Pass
		Inner_Full	23.99	/	/	25.69	/	/	<=33	Pass
		Inner_1RB_Left	23.59	/	/	25.29	/	/	<=33	Pass
		Inner_1RB_Right	23.60	/	/	25.30	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.17	/	/	23.87	/	/	<=33	Pass
		Edge_1RB_Right	21.72	/	/	23.42	/	/	<=33	Pass
		Outer_Full	22.28	/	/	23.98	/	/	<=33	Pass
		Inner_Full	23.77	/	/	25.47	/	/	<=33	Pass
		Inner_1RB_Left	23.58	/	/	25.28	/	/	<=33	Pass
		Inner_1RB_Right	23.26	/	/	24.96	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.02	/	/	23.72	/	/	<=33	Pass
		Edge_1RB_Right	21.71	/	/	23.41	/	/	<=33	Pass
		Outer_Full	22.15	/	/	23.85	/	/	<=33	Pass
		Inner_Full	23.56	/	/	25.26	/	/	<=33	Pass
		Inner_1RB_Left	23.51	/	/	25.21	/	/	<=33	Pass
		Inner_1RB_Right	23.03	/	/	24.73	/	/	<=33	Pass
CP-OFDM 16 QAM	2541	Edge_1RB_Left	22.48	/	/	24.18	/	/	<=33	Pass
		Edge_1RB_Right	22.39	/	/	24.09	/	/	<=33	Pass
		Outer_Full	22.43	/	/	24.13	/	/	<=33	Pass
		Inner_Full	23.39	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Left	23.34	/	/	25.04	/	/	<=33	Pass
		Inner_1RB_Right	23.16	/	/	24.86	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.50	/	/	24.20	/	/	<=33	Pass
		Edge_1RB_Right	21.95	/	/	23.65	/	/	<=33	Pass
		Outer_Full	22.25	/	/	23.95	/	/	<=33	Pass
		Inner_Full	23.29	/	/	24.99	/	/	<=33	Pass
		Inner_1RB_Left	23.52	/	/	25.22	/	/	<=33	Pass
		Inner_1RB_Right	22.69	/	/	24.39	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	21.95	/	/	23.65	/	/	<=33	Pass
		Edge_1RB_Right	21.99	/	/	23.69	/	/	<=33	Pass
		Outer_Full	22.06	/	/	23.76	/	/	<=33	Pass
		Inner_Full	23.03	/	/	24.73	/	/	<=33	Pass
		Inner_1RB_Left	23.29	/	/	24.99	/	/	<=33	Pass
		Inner_1RB_Right	22.92	/	/	24.62	/	/	<=33	Pass
CP-OFDM 64 QAM	2541	Edge_1RB_Left	21.93	/	/	23.63	/	/	<=33	Pass
		Edge_1RB_Right	21.95	/	/	23.65	/	/	<=33	Pass
		Outer_Full	22.03	/	/	23.73	/	/	<=33	Pass
		Inner_Full	22.05	/	/	23.75	/	/	<=33	Pass
		Inner_1RB_Left	21.92	/	/	23.62	/	/	<=33	Pass
		Inner_1RB_Right	21.90	/	/	23.60	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.05	/	/	23.75	/	/	<=33	Pass
		Edge_1RB_Right	21.72	/	/	23.42	/	/	<=33	Pass
		Outer_Full	21.79	/	/	23.49	/	/	<=33	Pass
		Inner_Full	21.84	/	/	23.54	/	/	<=33	Pass
		Inner_1RB_Left	22.19	/	/	23.89	/	/	<=33	Pass
		Inner_1RB_Right	21.95	/	/	23.65	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	21.71	/	/	23.41	/	/	<=33	Pass

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		Edge_1RB_Right	21.49	/	/	23.19	/	/	<=33	Pass
		Outer_Full	21.58	/	/	23.28	/	/	<=33	Pass
		Inner_Full	21.57	/	/	23.27	/	/	<=33	Pass
		Inner_1RB_Left	21.65	/	/	23.35	/	/	<=33	Pass
		Inner_1RB_Right	21.48	/	/	23.18	/	/	<=33	Pass
CP-OFDM 256 QAM	2541	Edge_1RB_Left	19.16	/	/	20.86	/	/	<=33	Pass
		Edge_1RB_Right	18.91	/	/	20.61	/	/	<=33	Pass
		Outer_Full	19.01	/	/	20.71	/	/	<=33	Pass
		Inner_Full	19.05	/	/	20.75	/	/	<=33	Pass
		Inner_1RB_Left	19.16	/	/	20.86	/	/	<=33	Pass
		Inner_1RB_Right	18.92	/	/	20.62	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.06	/	/	20.76	/	/	<=33	Pass
		Edge_1RB_Right	18.68	/	/	20.38	/	/	<=33	Pass
		Outer_Full	18.85	/	/	20.55	/	/	<=33	Pass
		Inner_Full	18.87	/	/	20.57	/	/	<=33	Pass
		Inner_1RB_Left	19.09	/	/	20.79	/	/	<=33	Pass
		Inner_1RB_Right	18.62	/	/	20.32	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	18.82	/	/	20.52	/	/	<=33	Pass
		Edge_1RB_Right	18.70	/	/	20.40	/	/	<=33	Pass
		Outer_Full	18.73	/	/	20.43	/	/	<=33	Pass
		Inner_Full	18.70	/	/	20.40	/	/	<=33	Pass
		Inner_1RB_Left	18.82	/	/	20.52	/	/	<=33	Pass
		Inner_1RB_Right	18.66	/	/	20.36	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 1.70dBi;
Note2: EIRP=Conducted Power+Antenna Gain

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1.19 30k_SISO_100MHz_NTNV_EIRP

1.19.1 Test Result

5G NR n41 SCS=30kHz SISO 100MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2546.01	Edge_1RB_Left	24.43	/	/	26.13	/	/	<=33	Pass
		Edge_1RB_Right	24.28	/	/	25.98	/	/	<=33	Pass
		Outer_Full	24.30	/	/	26.00	/	/	<=33	Pass
		Inner_Full	25.27	/	/	26.97	/	/	<=33	Pass
		Inner_1RB_Left	25.31	/	/	27.01	/	/	<=33	Pass
		Inner_1RB_Right	25.26	/	/	26.96	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.76	/	/	26.46	/	/	<=33	Pass
		Edge_1RB_Right	24.28	/	/	25.98	/	/	<=33	Pass
		Outer_Full	24.68	/	/	26.38	/	/	<=33	Pass
		Inner_Full	25.23	/	/	26.93	/	/	<=33	Pass
		Inner_1RB_Left	25.29	/	/	26.99	/	/	<=33	Pass
		Inner_1RB_Right	24.76	/	/	26.46	/	/	<=33	Pass
	2640	Edge_1RB_Left	24.49	/	/	26.19	/	/	<=33	Pass
		Edge_1RB_Right	24.24	/	/	25.94	/	/	<=33	Pass
		Outer_Full	24.41	/	/	26.11	/	/	<=33	Pass
		Inner_Full	24.91	/	/	26.61	/	/	<=33	Pass
		Inner_1RB_Left	24.98	/	/	26.68	/	/	<=33	Pass
		Inner_1RB_Right	24.68	/	/	26.38	/	/	<=33	Pass
DFT-s-OFDM QPSK	2546.01	Edge_1RB_Left	24.37	/	/	26.07	/	/	<=33	Pass
		Edge_1RB_Right	24.28	/	/	25.98	/	/	<=33	Pass
		Outer_Full	24.31	/	/	26.01	/	/	<=33	Pass
		Inner_Full	25.30	/	/	27.00	/	/	<=33	Pass
		Inner_1RB_Left	25.24	/	/	26.94	/	/	<=33	Pass
		Inner_1RB_Right	25.24	/	/	26.94	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.45	/	/	26.15	/	/	<=33	Pass
		Edge_1RB_Right	23.89	/	/	25.59	/	/	<=33	Pass
		Outer_Full	24.20	/	/	25.90	/	/	<=33	Pass
		Inner_Full	25.23	/	/	26.93	/	/	<=33	Pass
		Inner_1RB_Left	25.39	/	/	27.09	/	/	<=33	Pass
		Inner_1RB_Right	24.80	/	/	26.50	/	/	<=33	Pass
	2640	Edge_1RB_Left	24.10	/	/	25.80	/	/	<=33	Pass
		Edge_1RB_Right	23.86	/	/	25.56	/	/	<=33	Pass
		Outer_Full	23.98	/	/	25.68	/	/	<=33	Pass
		Inner_Full	24.88	/	/	26.58	/	/	<=33	Pass
		Inner_1RB_Left	25.11	/	/	26.81	/	/	<=33	Pass
		Inner_1RB_Right	24.73	/	/	26.43	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2546.01	Edge_1RB_Left	23.13	/	/	24.83	/	/	<=33	Pass
		Edge_1RB_Right	23.17	/	/	24.87	/	/	<=33	Pass
		Outer_Full	23.29	/	/	24.99	/	/	<=33	Pass
		Inner_Full	24.32	/	/	26.02	/	/	<=33	Pass
		Inner_1RB_Left	24.10	/	/	25.80	/	/	<=33	Pass

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		Inner_1RB_Right	24.27	/	/	25.97	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.45	/	/	25.15	/	/	<=33	Pass
		Edge_1RB_Right	22.59	/	/	24.29	/	/	<=33	Pass
		Outer_Full	23.20	/	/	24.90	/	/	<=33	Pass
		Inner_Full	24.22	/	/	25.92	/	/	<=33	Pass
		Inner_1RB_Left	24.14	/	/	25.84	/	/	<=33	Pass
		Inner_1RB_Right	23.63	/	/	25.33	/	/	<=33	Pass
	2640	Edge_1RB_Left	23.29	/	/	24.99	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	24.47	/	/	<=33	Pass
		Outer_Full	22.98	/	/	24.68	/	/	<=33	Pass
		Inner_Full	23.96	/	/	25.66	/	/	<=33	Pass
		Inner_1RB_Left	23.89	/	/	25.59	/	/	<=33	Pass
		Inner_1RB_Right	23.64	/	/	25.34	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2546.01	Edge_1RB_Left	23.10	/	/	24.80	/	/	<=33	Pass
		Edge_1RB_Right	23.11	/	/	24.81	/	/	<=33	Pass
		Outer_Full	22.91	/	/	24.61	/	/	<=33	Pass
		Inner_Full	22.96	/	/	24.66	/	/	<=33	Pass
		Inner_1RB_Left	23.18	/	/	24.88	/	/	<=33	Pass
		Inner_1RB_Right	22.94	/	/	24.64	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.06	/	/	24.76	/	/	<=33	Pass
		Edge_1RB_Right	22.45	/	/	24.15	/	/	<=33	Pass
		Outer_Full	22.84	/	/	24.54	/	/	<=33	Pass
		Inner_Full	22.82	/	/	24.52	/	/	<=33	Pass
		Inner_1RB_Left	22.99	/	/	24.69	/	/	<=33	Pass
		Inner_1RB_Right	22.45	/	/	24.15	/	/	<=33	Pass
	2640	Edge_1RB_Left	22.67	/	/	24.37	/	/	<=33	Pass
		Edge_1RB_Right	22.43	/	/	24.13	/	/	<=33	Pass
		Outer_Full	22.43	/	/	24.13	/	/	<=33	Pass
		Inner_Full	22.55	/	/	24.25	/	/	<=33	Pass
		Inner_1RB_Left	23.06	/	/	24.76	/	/	<=33	Pass
		Inner_1RB_Right	22.78	/	/	24.48	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2546.01	Edge_1RB_Left	20.87	/	/	22.57	/	/	<=33	Pass
		Edge_1RB_Right	20.76	/	/	22.46	/	/	<=33	Pass
		Outer_Full	20.95	/	/	22.65	/	/	<=33	Pass
		Inner_Full	20.93	/	/	22.63	/	/	<=33	Pass
		Inner_1RB_Left	20.90	/	/	22.60	/	/	<=33	Pass
		Inner_1RB_Right	20.77	/	/	22.47	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.89	/	/	22.59	/	/	<=33	Pass
		Edge_1RB_Right	20.43	/	/	22.13	/	/	<=33	Pass
		Outer_Full	20.77	/	/	22.47	/	/	<=33	Pass
		Inner_Full	20.83	/	/	22.53	/	/	<=33	Pass
		Inner_1RB_Left	20.94	/	/	22.64	/	/	<=33	Pass
		Inner_1RB_Right	20.43	/	/	22.13	/	/	<=33	Pass
	2640	Edge_1RB_Left	20.68	/	/	22.38	/	/	<=33	Pass
		Edge_1RB_Right	20.56	/	/	22.26	/	/	<=33	Pass
		Outer_Full	20.60	/	/	22.30	/	/	<=33	Pass
		Inner_Full	20.65	/	/	22.35	/	/	<=33	Pass
		Inner_1RB_Left	20.72	/	/	22.42	/	/	<=33	Pass
		Inner_1RB_Right	20.55	/	/	22.25	/	/	<=33	Pass

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CP-OFDM QPSK	2546.01	Edge_1RB_Left	22.24	/	/	23.94	/	/	<=33	Pass
		Edge_1RB_Right	22.11	/	/	23.81	/	/	<=33	Pass
		Outer_Full	22.41	/	/	24.11	/	/	<=33	Pass
		Inner_Full	23.76	/	/	25.46	/	/	<=33	Pass
		Inner_1RB_Left	23.70	/	/	25.40	/	/	<=33	Pass
		Inner_1RB_Right	23.56	/	/	25.26	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.30	/	/	24.00	/	/	<=33	Pass
		Edge_1RB_Right	21.82	/	/	23.52	/	/	<=33	Pass
		Outer_Full	22.32	/	/	24.02	/	/	<=33	Pass
		Inner_Full	23.69	/	/	25.39	/	/	<=33	Pass
		Inner_1RB_Left	23.78	/	/	25.48	/	/	<=33	Pass
		Inner_1RB_Right	23.03	/	/	24.73	/	/	<=33	Pass
	2640	Edge_1RB_Left	21.95	/	/	23.65	/	/	<=33	Pass
		Edge_1RB_Right	21.69	/	/	23.39	/	/	<=33	Pass
		Outer_Full	22.11	/	/	23.81	/	/	<=33	Pass
		Inner_Full	23.48	/	/	25.18	/	/	<=33	Pass
		Inner_1RB_Left	23.59	/	/	25.29	/	/	<=33	Pass
		Inner_1RB_Right	23.33	/	/	25.03	/	/	<=33	Pass
CP-OFDM 16 QAM	2546.01	Edge_1RB_Left	22.35	/	/	24.05	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	24.21	/	/	<=33	Pass
		Outer_Full	22.38	/	/	24.08	/	/	<=33	Pass
		Inner_Full	23.33	/	/	25.03	/	/	<=33	Pass
		Inner_1RB_Left	23.40	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Right	23.41	/	/	25.11	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.68	/	/	24.38	/	/	<=33	Pass
		Edge_1RB_Right	22.03	/	/	23.73	/	/	<=33	Pass
		Outer_Full	22.21	/	/	23.91	/	/	<=33	Pass
		Inner_Full	23.27	/	/	24.97	/	/	<=33	Pass
		Inner_1RB_Left	23.55	/	/	25.25	/	/	<=33	Pass
		Inner_1RB_Right	22.89	/	/	24.59	/	/	<=33	Pass
	2640	Edge_1RB_Left	21.99	/	/	23.69	/	/	<=33	Pass
		Edge_1RB_Right	22.03	/	/	23.73	/	/	<=33	Pass
		Outer_Full	22.06	/	/	23.76	/	/	<=33	Pass
		Inner_Full	22.98	/	/	24.68	/	/	<=33	Pass
		Inner_1RB_Left	23.02	/	/	24.72	/	/	<=33	Pass
		Inner_1RB_Right	22.97	/	/	24.67	/	/	<=33	Pass
CP-OFDM 64 QAM	2546.01	Edge_1RB_Left	22.37	/	/	24.07	/	/	<=33	Pass
		Edge_1RB_Right	21.81	/	/	23.51	/	/	<=33	Pass
		Outer_Full	21.91	/	/	23.61	/	/	<=33	Pass
		Inner_Full	21.89	/	/	23.59	/	/	<=33	Pass
		Inner_1RB_Left	21.99	/	/	23.69	/	/	<=33	Pass
		Inner_1RB_Right	21.85	/	/	23.55	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.18	/	/	23.88	/	/	<=33	Pass
		Edge_1RB_Right	21.45	/	/	23.15	/	/	<=33	Pass
		Outer_Full	21.78	/	/	23.48	/	/	<=33	Pass
		Inner_Full	21.81	/	/	23.51	/	/	<=33	Pass
		Inner_1RB_Left	21.99	/	/	23.69	/	/	<=33	Pass
		Inner_1RB_Right	21.85	/	/	23.55	/	/	<=33	Pass
	2640	Edge_1RB_Left	22.20	/	/	23.90	/	/	<=33	Pass

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		Edge_1RB_Right	22.03	/	/	23.73	/	/	<=33	Pass
		Outer_Full	21.59	/	/	23.29	/	/	<=33	Pass
		Inner_Full	21.57	/	/	23.27	/	/	<=33	Pass
		Inner_1RB_Left	22.29	/	/	23.99	/	/	<=33	Pass
		Inner_1RB_Right	21.93	/	/	23.63	/	/	<=33	Pass
CP-OFDM 256 QAM	2546.01	Edge_1RB_Left	19.04	/	/	20.74	/	/	<=33	Pass
		Edge_1RB_Right	18.92	/	/	20.62	/	/	<=33	Pass
		Outer_Full	18.91	/	/	20.61	/	/	<=33	Pass
		Inner_Full	18.94	/	/	20.64	/	/	<=33	Pass
		Inner_1RB_Left	18.97	/	/	20.67	/	/	<=33	Pass
		Inner_1RB_Right	18.95	/	/	20.65	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.08	/	/	20.78	/	/	<=33	Pass
		Edge_1RB_Right	18.60	/	/	20.30	/	/	<=33	Pass
		Outer_Full	18.85	/	/	20.55	/	/	<=33	Pass
		Inner_Full	18.88	/	/	20.58	/	/	<=33	Pass
		Inner_1RB_Left	19.09	/	/	20.79	/	/	<=33	Pass
		Inner_1RB_Right	18.60	/	/	20.30	/	/	<=33	Pass
	2640	Edge_1RB_Left	18.84	/	/	20.54	/	/	<=33	Pass
		Edge_1RB_Right	18.75	/	/	20.45	/	/	<=33	Pass
		Outer_Full	18.67	/	/	20.37	/	/	<=33	Pass
		Inner_Full	18.65	/	/	20.35	/	/	<=33	Pass
		Inner_1RB_Left	18.89	/	/	20.59	/	/	<=33	Pass
		Inner_1RB_Right	18.78	/	/	20.48	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 1.70dBi; Note2: EIRP=Conducted Power+Antenna Gain										

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2. Frequency Stability

2.1 15k_SISO_10MHz

2.1.1 Test Result

5G NR n41 SCS=15kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2593.005	Outer_Full	20	LV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2593.005	Outer_Full	20	LV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-0.90	-0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass
			10	NV	1.30	0.0005	>=-2.5 & <=2.5	Pass
			20	NV	0.40	0.0002	>=-2.5 & <=2.5	Pass
			30	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2593.005	Outer_Full	20	LV	2.40	0.0009	>=-2.5 & <=2.5	Pass
				HV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	5.00	0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	2.70	0.0010	>=-2.5 & <=2.5	Pass
			30	NV	2.30	0.0009	>=-2.5 & <=2.5	Pass
			40	NV	0.60	0.0002	>=-2.5 & <=2.5	Pass
			50	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2593.005	Outer_Full	20	LV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass

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			10	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2593.005	Outer_Full	20	LV	1.40	0.0005	>=-2.5 & <=2.5	Pass
				HV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			50	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2593.005	Outer_Full	20	LV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			10	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2593.005	Outer_Full	20	LV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2593.005	Outer_Full	20	LV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass

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CP-OFDM 256 QAM	2593.005	Outer_Full	20	LV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
				HV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass

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2.2 15k_SISO_15MHz

2.2.1 Test Result

5G NR n41 SCS=15kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2593.005	Outer_Full	20	LV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2593.005	Outer_Full	20	LV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	1.40	0.0005	>=-2.5 & <=2.5	Pass
			30	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2593.005	Outer_Full	20	LV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			10	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2593.005	Outer_Full	20	LV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass

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			30	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2593.005	Outer_Full	20	LV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	2.60	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	3.10	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	2.90	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			20	NV	0.90	0.0003	>=-2.5 & <=2.5	Pass
			30	NV	4.10	0.0016	>=-2.5 & <=2.5	Pass
			40	NV	1.20	0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2593.005	Outer_Full	20	LV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	0.40	0.0002	>=-2.5 & <=2.5	Pass
			-10	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2593.005	Outer_Full	20	LV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			50	NV	-11.30	-0.0044	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2593.005	Outer_Full	20	LV	1.60	0.0006	>=-2.5 & <=2.5	Pass
				HV	1.30	0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	1.30	0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	4.20	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	1.80	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-0.40	-0.0002	>=-2.5 & <=2.5	Pass
			40	NV	3.50	0.0013	>=-2.5 & <=2.5	Pass
			50	NV	3.10	0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2593.005	Outer_Full	20	LV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass

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			-30	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-0.60	-0.0002	>=-2.5 & <=2.5	Pass
			0	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			30	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass

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2.3 15k_SISO_20MHz

2.3.1 Test Result

5G NR n41 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 PI/2 BPSK	2593.005	Outer_Full	20	LV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
				HV	3.30	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	1.40	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
			0	NV	2.30	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	1.10	0.0004	>=-2.5 & <=2.5	Pass
			20	NV	3.50	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	1.80	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	0.80	0.0003	>=-2.5 & <=2.5	Pass
			50	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2593.005	Outer_Full	20	LV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2593.005	Outer_Full	20	LV	3.10	0.0012	>=-2.5 & <=2.5	Pass
				HV	-0.50	-0.0002	>=-2.5 & <=2.5	Pass
			-30	NV	2.20	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	2.40	0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-0.90	-0.0003	>=-2.5 & <=2.5	Pass
			30	NV	1.80	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-0.40	-0.0002	>=-2.5 & <=2.5	Pass
			50	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2593.005	Outer_Full	20	LV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass

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			30	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2593.005	Outer_Full	20	LV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
				HV	4.10	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-1.40	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	0.90	0.0003	>=-2.5 & <=2.5	Pass
			10	NV	4.50	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-0.90	-0.0003	>=-2.5 & <=2.5	Pass
			30	NV	0.60	0.0002	>=-2.5 & <=2.5	Pass
			40	NV	5.00	0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2593.005	Outer_Full	20	LV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2593.005	Outer_Full	20	LV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2593.005	Outer_Full	20	LV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2593.005	Outer_Full	20	LV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass

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			-30	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	3.40	0.0013	>=-2.5 & <=2.5	Pass
			40	NV	1.20	0.0005	>=-2.5 & <=2.5	Pass
			50	NV	1.40	0.0005	>=-2.5 & <=2.5	Pass

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2.4 15k_SISO_25MHz

2.4.1 Test Result

5G NR n41 SCS=15kHz SISO 25MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2593.005	Outer_Full	20	LV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	0.70	0.0003	>=-2.5 & <=2.5	Pass
			20	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			30	NV	3.80	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2593.005	Outer_Full	20	LV	-9.00	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			0	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2593.005	Outer_Full	20	LV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-9.00	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2593.005	Outer_Full	20	LV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	0.70	0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-1.40	-0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass

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			30	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2593.005	Outer_Full	20	LV	0.60	0.0002	>=-2.5 & <=2.5	Pass
				HV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	3.00	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			0	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2593.005	Outer_Full	20	LV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2593.005	Outer_Full	20	LV	1.40	0.0005	>=-2.5 & <=2.5	Pass
				HV	2.30	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	0.70	0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	2.30	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	3.10	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	0.80	0.0003	>=-2.5 & <=2.5	Pass
			20	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-1.10	-0.0004	>=-2.5 & <=2.5	Pass
			40	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	3.60	0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2593.005	Outer_Full	20	LV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			0	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2593.005	Outer_Full	20	LV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
				HV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass

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			-30	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	3.20	0.0012	>=-2.5 & <=2.5	Pass
			40	NV	2.40	0.0009	>=-2.5 & <=2.5	Pass
			50	NV	2.50	0.0010	>=-2.5 & <=2.5	Pass

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2.5 15k_SISO_30MHz

2.5.1 Test Result

5G NR n41 SCS=15kHz 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	2593.005	Outer_Full	20	LV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-0.70	-0.0003	>=-2.5 & <=2.5	Pass
			30	NV	2.20	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			50	NV	2.30	0.0009	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2593.005	Outer_Full	20	LV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2593.005	Outer_Full	20	LV	3.20	0.0012	>=-2.5 & <=2.5	Pass
				HV	2.90	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	2.70	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	4.50	0.0017	>=-2.5 & <=2.5	Pass
			0	NV	3.80	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	2.90	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	1.50	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	2.30	0.0009	>=-2.5 & <=2.5	Pass
			50	NV	1.80	0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2593.005	Outer_Full	20	LV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass
			10	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass

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			30	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			50	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2593.005	Outer_Full	20	LV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-9.70	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-11.30	-0.0044	>=-2.5 & <=2.5	Pass
			30	NV	-0.30	-0.0001	>=-2.5 & <=2.5	Pass
			40	NV	1.50	0.0006	>=-2.5 & <=2.5	Pass
			50	NV	2.50	0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2593.005	Outer_Full	20	LV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2593.005	Outer_Full	20	LV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			10	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2593.005	Outer_Full	20	LV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2593.005	Outer_Full	20	LV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass

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			-30	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	2.90	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	1.10	0.0004	>=-2.5 & <=2.5	Pass
			30	NV	2.90	0.0011	>=-2.5 & <=2.5	Pass
			40	NV	1.80	0.0007	>=-2.5 & <=2.5	Pass
			50	NV	2.30	0.0009	>=-2.5 & <=2.5	Pass

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2.6 15k_SISO_40MHz

2.6.1 Test Result

5G NR n41 SCS=15kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2593.005	Outer_Full	20	LV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2593.005	Outer_Full	20	LV	2.20	0.0008	>=-2.5 & <=2.5	Pass
				HV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			10	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	0.40	0.0002	>=-2.5 & <=2.5	Pass
			30	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	3.30	0.0013	>=-2.5 & <=2.5	Pass
			50	NV	2.70	0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2593.005	Outer_Full	20	LV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	0.80	0.0003	>=-2.5 & <=2.5	Pass
			10	NV	3.00	0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	3.20	0.0012	>=-2.5 & <=2.5	Pass
			40	NV	3.60	0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2593.005	Outer_Full	20	LV	1.20	0.0005	>=-2.5 & <=2.5	Pass
				HV	1.50	0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	1.50	0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	3.60	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	0.70	0.0003	>=-2.5 & <=2.5	Pass
			10	NV	2.30	0.0009	>=-2.5 & <=2.5	Pass
			20	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass

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			30	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2593.005	Outer_Full	20	LV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	0.70	0.0003	>=-2.5 & <=2.5	Pass
			40	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-1.40	-0.0005	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2593.005	Outer_Full	20	LV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2593.005	Outer_Full	20	LV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass
			10	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			50	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2593.005	Outer_Full	20	LV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2593.005	Outer_Full	20	LV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
				HV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass

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			-30	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass

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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. Wireless Laboratory

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2.7 15k_SISO_50MHz

2.7.1 Test Result

5G NR n41 SCS=15kHz 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	2593.005	Outer_Full	20	LV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2593.005	Outer_Full	20	LV	2.60	0.0010	>=-2.5 & <=2.5	Pass
				HV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-0.90	-0.0003	>=-2.5 & <=2.5	Pass
			-10	NV	1.80	0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-0.50	-0.0002	>=-2.5 & <=2.5	Pass
			10	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass
			40	NV	2.30	0.0009	>=-2.5 & <=2.5	Pass
			50	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2593.005	Outer_Full	20	LV	3.40	0.0013	>=-2.5 & <=2.5	Pass
				HV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	1.50	0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	-0.60	-0.0002	>=-2.5 & <=2.5	Pass
			0	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-0.90	-0.0003	>=-2.5 & <=2.5	Pass
			30	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-0.90	-0.0003	>=-2.5 & <=2.5	Pass
			50	NV	1.20	0.0005	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2593.005	Outer_Full	20	LV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-10.40	-0.0040	>=-2.5 & <=2.5	Pass
			0	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass

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			30	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2593.005	Outer_Full	20	LV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2593.005	Outer_Full	20	LV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-9.40	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2593.005	Outer_Full	20	LV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2593.005	Outer_Full	20	LV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2593.005	Outer_Full	20	LV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass

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			-30	NV	-9.20	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	1.10	0.0004	>=-2.5 & <=2.5	Pass
			10	NV	-0.60	-0.0002	>=-2.5 & <=2.5	Pass
			20	NV	1.00	0.0004	>=-2.5 & <=2.5	Pass
			30	NV	4.10	0.0016	>=-2.5 & <=2.5	Pass
			40	NV	3.00	0.0012	>=-2.5 & <=2.5	Pass
			50	NV	1.30	0.0005	>=-2.5 & <=2.5	Pass

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2.8 30k_SISO_10MHz

2.8.1 Test Result

5G NR n41 SCS=30kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	20	LV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-11.20	-0.0043	>=-2.5 & <=2.5	Pass
			40	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
			50	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
				HV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-10.50	-0.0040	>=-2.5 & <=2.5	Pass
			0	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass

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			30	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-8.10	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-8.90	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
			20	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
				HV	4.10	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	2.60	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	2.20	0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-0.50	-0.0002	>=-2.5 & <=2.5	Pass
			0	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	3.00	0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	3.20	0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
				HV	4.00	0.0015	>=-2.5 & <=2.5	Pass

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			-30	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	3.60	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass

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2.9 30k_SISO_15MHz

2.9.1 Test Result

5G NR n41 SCS=30kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	20	LV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
			-30	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-9.20	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			50	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass

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			30	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-8.10	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
				HV	2.30	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-0.50	-0.0002	>=-2.5 & <=2.5	Pass
			10	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-10.60	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-9.20	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-1.10	-0.0004	>=-2.5 & <=2.5	Pass
				HV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass

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			-30	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	0.80	0.0003	>=-2.5 & <=2.5	Pass
			-10	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	5.80	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass
			50	NV	4.60	0.0018	>=-2.5 & <=2.5	Pass

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2.10 30k_SISO_20MHz

2.10.1 Test Result

5G NR n41 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	2592.99	Outer_Full	20	LV	-8.60	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-1.40	-0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-8.10	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass

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			30	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	5.40	0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-9.50	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass
				HV	1.70	0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
			-20	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-11.80	-0.0046	>=-2.5 & <=2.5	Pass
			0	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			50	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	2.50	0.0010	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass

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			-30	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	3.20	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-1.40	-0.0005	>=-2.5 & <=2.5	Pass
			30	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass

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2.11 30k_SISO_25MHz

2.11.1 Test Result

5G NR n41 SCS=30kHz SISO 25MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	20	LV	-9.60	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-10.40	-0.0040	>=-2.5 & <=2.5	Pass
			-30	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-11.20	-0.0043	>=-2.5 & <=2.5	Pass
			-10	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass
			50	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-0.70	-0.0003	>=-2.5 & <=2.5	Pass
			30	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
				HV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-8.60	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			50	NV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass

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			30	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-1.40	-0.0005	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-10.30	-0.0040	>=-2.5 & <=2.5	Pass
			-30	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-10.10	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-8.10	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
			50	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	4.20	0.0016	>=-2.5 & <=2.5	Pass
				HV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	5.30	0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	0.90	0.0003	>=-2.5 & <=2.5	Pass
			30	NV	1.80	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	1.10	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	2.50	0.0010	>=-2.5 & <=2.5	Pass
				HV	2.20	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	1.80	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			50	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	2.30	0.0009	>=-2.5 & <=2.5	Pass
				HV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass

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			-30	NV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	1.10	0.0004	>=-2.5 & <=2.5	Pass
			0	NV	3.00	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	4.00	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	3.80	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass

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2.12 30k_SISO_30MHz

2.12.1 Test Result

5G NR n41 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	2592.99	Outer_Full	20	LV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-9.00	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-11.60	-0.0045	>=-2.5 & <=2.5	Pass
			0	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-9.00	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-12.90	-0.0050	>=-2.5 & <=2.5	Pass
			40	NV	-8.10	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-10.90	-0.0042	>=-2.5 & <=2.5	Pass
				HV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-9.50	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-8.10	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-8.60	-0.0033	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-10.40	-0.0040	>=-2.5 & <=2.5	Pass
				HV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-10.20	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-8.10	-0.0031	>=-2.5 & <=2.5	Pass

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			30	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-9.70	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	-10.80	-0.0042	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-11.40	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-8.60	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-12.70	-0.0049	>=-2.5 & <=2.5	Pass
			20	NV	-9.60	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	3.40	0.0013	>=-2.5 & <=2.5	Pass
				HV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-1.40	-0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			50	NV	-10.10	-0.0039	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	1.40	0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass

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			-30	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			50	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass

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2.13 30k_SISO_40MHz

2.13.1 Test Result

5G NR n41 SCS=30kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	20	LV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-1.10	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-9.80	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-10.30	-0.0040	>=-2.5 & <=2.5	Pass
			-10	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-8.90	-0.0034	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass

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			30	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-1.10	-0.0004	>=-2.5 & <=2.5	Pass
			50	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	0.70	0.0003	>=-2.5 & <=2.5	Pass
			-10	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	0.90	0.0003	>=-2.5 & <=2.5	Pass
			10	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			20	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	1.80	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-0.60	-0.0002	>=-2.5 & <=2.5	Pass
				HV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	2.20	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	1.40	0.0005	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	1.50	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-1.10	-0.0004	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass

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			-30	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass

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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. Wireless Laboratory

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2.14 30k_SISO_50MHz

2.14.1 Test Result

5G NR n41 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	2592.99	Outer_Full	20	LV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			50	NV	3.10	0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-9.50	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-9.60	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-8.60	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			0	NV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	4.80	0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-9.40	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-10.20	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-11.40	-0.0044	>=-2.5 & <=2.5	Pass

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			30	NV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			50	NV	-9.00	-0.0035	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
				HV	1.70	0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	3.00	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	3.40	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	3.50	0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-1.40	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	1.10	0.0004	>=-2.5 & <=2.5	Pass
			10	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	2.50	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass
			50	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
				HV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass

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			-30	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass

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2.15 30k_SISO_60MHz

2.15.1 Test Result

5G NR n41 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	2592.99	Outer_Full	20	LV	-12.00	-0.0046	>=-2.5 & <=2.5	Pass
				HV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-9.40	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	-9.80	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-9.60	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-8.60	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-10.60	-0.0041	>=-2.5 & <=2.5	Pass
			40	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-9.60	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-10.10	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
			50	NV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-10.30	-0.0040	>=-2.5 & <=2.5	Pass
				HV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-8.60	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-10.20	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-10.90	-0.0042	>=-2.5 & <=2.5	Pass
			30	NV	-11.50	-0.0044	>=-2.5 & <=2.5	Pass
			40	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	3.30	0.0013	>=-2.5 & <=2.5	Pass

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			30	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-10.20	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-9.70	-0.0037	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			50	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
				HV	1.10	0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-1.40	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			30	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	1.40	0.0005	>=-2.5 & <=2.5	Pass
				HV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass

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			-30	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	3.10	0.0012	>=-2.5 & <=2.5	Pass
			40	NV	4.60	0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass

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2.16 30k_SISO_70MHz

2.16.1 Test Result

5G NR n41 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	2592.99	Outer_Full	20	LV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-11.30	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-11.80	-0.0046	>=-2.5 & <=2.5	Pass
			0	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-9.30	-0.0036	>=-2.5 & <=2.5	Pass
			50	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-9.30	-0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-9.30	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-11.20	-0.0043	>=-2.5 & <=2.5	Pass
			-20	NV	-9.50	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-9.50	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-9.30	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass

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			30	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-11.80	-0.0046	>=-2.5 & <=2.5	Pass
			50	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-10.80	-0.0042	>=-2.5 & <=2.5	Pass
			-10	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	4.20	0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	2.70	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	2.40	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	1.30	0.0005	>=-2.5 & <=2.5	Pass
			0	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	5.80	0.0022	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	3.40	0.0013	>=-2.5 & <=2.5	Pass
				HV	2.50	0.0010	>=-2.5 & <=2.5	Pass

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			-30	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-8.10	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass

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2.17 30k_SISO_80MHz

2.17.1 Test Result

5G NR n41 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	2592.99	Outer_Full	20	LV	-9.70	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-10.80	-0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-10.80	-0.0042	>=-2.5 & <=2.5	Pass
			0	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass
			50	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-10.90	-0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-8.60	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-8.10	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-9.60	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
				HV	-9.80	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-9.00	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-11.10	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-9.90	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-10.60	-0.0041	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-9.70	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-11.40	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-8.10	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass

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