



Report No.: SEWM2311000456RG02
Rev.: 01
Page: 1 of 1245

Appendix B.21

NR Band n41



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1. Effective (Isotropic) Radiated Power Output Data

1.1 15k_SISO_10MHz_NTNV_EIRP

1.1.1 Test Result

5G NR n41 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2501.01	Edge_1RB_Left	24.85	/	/	26.55	/	/	<=33	Pass
		Edge_1RB_Right	24.87	/	/	26.57	/	/	<=33	Pass
		Outer_Full	24.90	/	/	26.60	/	/	<=33	Pass
		Inner_Full	25.36	/	/	27.06	/	/	<=33	Pass
		Inner_1RB_Left	25.31	/	/	27.01	/	/	<=33	Pass
		Inner_1RB_Right	25.35	/	/	27.05	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	24.69	/	/	26.39	/	/	<=33	Pass
		Edge_1RB_Right	24.69	/	/	26.39	/	/	<=33	Pass
		Outer_Full	24.75	/	/	26.45	/	/	<=33	Pass
		Inner_Full	25.19	/	/	26.89	/	/	<=33	Pass
		Inner_1RB_Left	25.14	/	/	26.84	/	/	<=33	Pass
		Inner_1RB_Right	25.16	/	/	26.86	/	/	<=33	Pass
	2685	Edge_1RB_Left	24.13	/	/	25.83	/	/	<=33	Pass
		Edge_1RB_Right	24.17	/	/	25.87	/	/	<=33	Pass
		Outer_Full	24.18	/	/	25.88	/	/	<=33	Pass
		Inner_Full	24.62	/	/	26.32	/	/	<=33	Pass
		Inner_1RB_Left	24.58	/	/	26.28	/	/	<=33	Pass
		Inner_1RB_Right	24.56	/	/	26.26	/	/	<=33	Pass
DFT-s-OFDM QPSK	2501.01	Edge_1RB_Left	24.44	/	/	26.14	/	/	<=33	Pass
		Edge_1RB_Right	24.37	/	/	26.07	/	/	<=33	Pass
		Outer_Full	24.43	/	/	26.13	/	/	<=33	Pass
		Inner_Full	25.43	/	/	27.13	/	/	<=33	Pass
		Inner_1RB_Left	25.32	/	/	27.02	/	/	<=33	Pass
		Inner_1RB_Right	25.36	/	/	27.06	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	24.21	/	/	25.91	/	/	<=33	Pass
		Edge_1RB_Right	24.19	/	/	25.89	/	/	<=33	Pass
		Outer_Full	24.26	/	/	25.96	/	/	<=33	Pass
		Inner_Full	25.22	/	/	26.92	/	/	<=33	Pass
		Inner_1RB_Left	25.13	/	/	26.83	/	/	<=33	Pass
		Inner_1RB_Right	25.19	/	/	26.89	/	/	<=33	Pass
	2685	Edge_1RB_Left	23.67	/	/	25.37	/	/	<=33	Pass
		Edge_1RB_Right	23.69	/	/	25.39	/	/	<=33	Pass
		Outer_Full	23.72	/	/	25.42	/	/	<=33	Pass
		Inner_Full	24.64	/	/	26.34	/	/	<=33	Pass
		Inner_1RB_Left	24.59	/	/	26.29	/	/	<=33	Pass
		Inner_1RB_Right	24.62	/	/	26.32	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2501.01	Edge_1RB_Left	23.37	/	/	25.07	/	/	<=33	Pass
		Edge_1RB_Right	23.43	/	/	25.13	/	/	<=33	Pass
		Outer_Full	23.42	/	/	25.12	/	/	<=33	Pass



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DFT-s-OFDM 64 QAM	2593.005	Inner_Full	24.42	/	/	26.12	/	/	<=33	Pass	
		Inner_1RB_Left	24.37	/	/	26.07	/	/	<=33	Pass	
		Inner_1RB_Right	24.26	/	/	25.96	/	/	<=33	Pass	
		Edge_1RB_Left	23.24	/	/	24.94	/	/	<=33	Pass	
		Edge_1RB_Right	23.26	/	/	24.96	/	/	<=33	Pass	
		Outer_Full	23.28	/	/	24.98	/	/	<=33	Pass	
	2685	2593.005	Inner_Full	24.25	/	/	25.95	/	/	<=33	Pass
			Inner_1RB_Left	24.45	/	/	26.15	/	/	<=33	Pass
			Inner_1RB_Right	24.00	/	/	25.70	/	/	<=33	Pass
		2685	Edge_1RB_Left	22.68	/	/	24.38	/	/	<=33	Pass
			Edge_1RB_Right	22.63	/	/	24.33	/	/	<=33	Pass
			Outer_Full	22.78	/	/	24.48	/	/	<=33	Pass
	DFT-s-OFDM 256 QAM	2501.01	Inner_Full	23.72	/	/	25.42	/	/	<=33	Pass
			Inner_1RB_Left	23.64	/	/	25.34	/	/	<=33	Pass
			Inner_1RB_Right	23.61	/	/	25.31	/	/	<=33	Pass
Edge_1RB_Left			22.83	/	/	24.53	/	/	<=33	Pass	
Edge_1RB_Right			22.88	/	/	24.58	/	/	<=33	Pass	
Outer_Full			22.95	/	/	24.65	/	/	<=33	Pass	
2593.005		Inner_Full	22.96	/	/	24.66	/	/	<=33	Pass	
		Inner_1RB_Left	22.93	/	/	24.63	/	/	<=33	Pass	
		Inner_1RB_Right	22.87	/	/	24.57	/	/	<=33	Pass	
		Edge_1RB_Left	22.76	/	/	24.46	/	/	<=33	Pass	
		Edge_1RB_Right	22.64	/	/	24.34	/	/	<=33	Pass	
		Outer_Full	22.79	/	/	24.49	/	/	<=33	Pass	
2685		2593.005	Inner_Full	22.79	/	/	24.49	/	/	<=33	Pass
			Inner_1RB_Left	22.71	/	/	24.41	/	/	<=33	Pass
			Inner_1RB_Right	22.67	/	/	24.37	/	/	<=33	Pass
	2685	Edge_1RB_Left	22.16	/	/	23.86	/	/	<=33	Pass	
		Edge_1RB_Right	22.17	/	/	23.87	/	/	<=33	Pass	
		Outer_Full	22.31	/	/	24.01	/	/	<=33	Pass	
2501.01	2593.005	Inner_Full	22.31	/	/	24.01	/	/	<=33	Pass	
		Inner_1RB_Left	22.18	/	/	23.88	/	/	<=33	Pass	
		Inner_1RB_Right	22.27	/	/	23.97	/	/	<=33	Pass	
	2685	Edge_1RB_Left	20.96	/	/	22.66	/	/	<=33	Pass	
		Edge_1RB_Right	20.94	/	/	22.64	/	/	<=33	Pass	
		Outer_Full	21.16	/	/	22.86	/	/	<=33	Pass	
		Inner_Full	21.11	/	/	22.81	/	/	<=33	Pass	
		Inner_1RB_Left	20.90	/	/	22.60	/	/	<=33	Pass	
		Inner_1RB_Right	20.93	/	/	22.63	/	/	<=33	Pass	
2593.005	2501.01	Edge_1RB_Left	20.58	/	/	22.28	/	/	<=33	Pass	
		Edge_1RB_Right	20.52	/	/	22.22	/	/	<=33	Pass	
		Outer_Full	20.77	/	/	22.47	/	/	<=33	Pass	
	2685	Inner_Full	20.81	/	/	22.51	/	/	<=33	Pass	
		Inner_1RB_Left	20.55	/	/	22.25	/	/	<=33	Pass	
		Inner_1RB_Right	20.50	/	/	22.20	/	/	<=33	Pass	
		Edge_1RB_Left	20.23	/	/	21.93	/	/	<=33	Pass	
		Edge_1RB_Right	20.28	/	/	21.98	/	/	<=33	Pass	
		Outer_Full	20.47	/	/	22.17	/	/	<=33	Pass	
2685	Inner_Full	20.48	/	/	22.18	/	/	<=33	Pass		



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CP-OFDM QPSK	2501.01	Inner_1RB_Left	20.16	/	/	21.86	/	/	<=33	Pass
		Inner_1RB_Right	20.29	/	/	21.99	/	/	<=33	Pass
		Edge_1RB_Left	22.30	/	/	24.00	/	/	<=33	Pass
		Edge_1RB_Right	22.28	/	/	23.98	/	/	<=33	Pass
		Outer_Full	22.43	/	/	24.13	/	/	<=33	Pass
		Inner_Full	23.86	/	/	25.56	/	/	<=33	Pass
	2593.005	Inner_1RB_Left	23.75	/	/	25.45	/	/	<=33	Pass
		Inner_1RB_Right	23.80	/	/	25.50	/	/	<=33	Pass
		Edge_1RB_Left	22.13	/	/	23.83	/	/	<=33	Pass
		Edge_1RB_Right	22.12	/	/	23.82	/	/	<=33	Pass
		Outer_Full	22.32	/	/	24.02	/	/	<=33	Pass
		Inner_Full	23.72	/	/	25.42	/	/	<=33	Pass
	2685	Inner_1RB_Left	23.55	/	/	25.25	/	/	<=33	Pass
		Inner_1RB_Right	23.64	/	/	25.34	/	/	<=33	Pass
		Edge_1RB_Left	21.68	/	/	23.38	/	/	<=33	Pass
		Edge_1RB_Right	21.60	/	/	23.30	/	/	<=33	Pass
		Outer_Full	21.81	/	/	23.51	/	/	<=33	Pass
		Inner_Full	23.16	/	/	24.86	/	/	<=33	Pass
CP-OFDM 16 QAM	2501.01	Inner_1RB_Left	23.05	/	/	24.75	/	/	<=33	Pass
		Inner_1RB_Right	23.08	/	/	24.78	/	/	<=33	Pass
		Edge_1RB_Left	22.36	/	/	24.06	/	/	<=33	Pass
		Edge_1RB_Right	22.35	/	/	24.05	/	/	<=33	Pass
		Outer_Full	22.44	/	/	24.14	/	/	<=33	Pass
		Inner_Full	23.38	/	/	25.08	/	/	<=33	Pass
	2593.005	Inner_1RB_Left	23.43	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Right	23.51	/	/	25.21	/	/	<=33	Pass
		Edge_1RB_Left	22.26	/	/	23.96	/	/	<=33	Pass
		Edge_1RB_Right	22.29	/	/	23.99	/	/	<=33	Pass
		Outer_Full	22.27	/	/	23.97	/	/	<=33	Pass
		Inner_Full	23.24	/	/	24.94	/	/	<=33	Pass
	2685	Inner_1RB_Left	23.25	/	/	24.95	/	/	<=33	Pass
		Inner_1RB_Right	23.22	/	/	24.92	/	/	<=33	Pass
		Edge_1RB_Left	21.91	/	/	23.61	/	/	<=33	Pass
		Edge_1RB_Right	21.69	/	/	23.39	/	/	<=33	Pass
		Outer_Full	21.80	/	/	23.50	/	/	<=33	Pass
		Inner_Full	22.74	/	/	24.44	/	/	<=33	Pass
CP-OFDM 64 QAM	2501.01	Inner_1RB_Left	22.79	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Right	22.84	/	/	24.54	/	/	<=33	Pass
		Edge_1RB_Left	21.97	/	/	23.67	/	/	<=33	Pass
		Edge_1RB_Right	21.96	/	/	23.66	/	/	<=33	Pass
		Outer_Full	21.99	/	/	23.69	/	/	<=33	Pass
		Inner_Full	21.97	/	/	23.67	/	/	<=33	Pass
	2593.005	Inner_1RB_Left	22.00	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Right	21.99	/	/	23.69	/	/	<=33	Pass
		Edge_1RB_Left	21.85	/	/	23.55	/	/	<=33	Pass
		Edge_1RB_Right	21.79	/	/	23.49	/	/	<=33	Pass
		Outer_Full	21.85	/	/	23.55	/	/	<=33	Pass
		Inner_Full	21.85	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Left	21.78	/	/	23.48	/	/	<=33	Pass



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Report No.: SEWM2311000456RG02

Rev.: 01

Page: 5 of 1245

	2685	Inner_1RB_Right	21.84	/	/	23.54	/	/	<=33	Pass	
		Edge_1RB_Left	21.27	/	/	22.97	/	/	<=33	Pass	
		Edge_1RB_Right	21.31	/	/	23.01	/	/	<=33	Pass	
		Outer_Full	21.36	/	/	23.06	/	/	<=33	Pass	
		Inner_Full	21.34	/	/	23.04	/	/	<=33	Pass	
		Inner_1RB_Left	21.28	/	/	22.98	/	/	<=33	Pass	
		Inner_1RB_Right	21.34	/	/	23.04	/	/	<=33	Pass	
CP-OFDM 256 QAM	2501.01	Edge_1RB_Left	19.23	/	/	20.93	/	/	<=33	Pass	
		Edge_1RB_Right	19.26	/	/	20.96	/	/	<=33	Pass	
		Outer_Full	19.18	/	/	20.88	/	/	<=33	Pass	
		Inner_Full	19.17	/	/	20.87	/	/	<=33	Pass	
		Inner_1RB_Left	19.30	/	/	21.00	/	/	<=33	Pass	
		Inner_1RB_Right	19.31	/	/	21.01	/	/	<=33	Pass	
	2593.005	Edge_1RB_Left	18.96	/	/	20.66	/	/	<=33	Pass	
		Edge_1RB_Right	18.92	/	/	20.62	/	/	<=33	Pass	
		Outer_Full	18.83	/	/	20.53	/	/	<=33	Pass	
		Inner_Full	18.81	/	/	20.51	/	/	<=33	Pass	
		Inner_1RB_Left	18.96	/	/	20.66	/	/	<=33	Pass	
		Inner_1RB_Right	18.96	/	/	20.66	/	/	<=33	Pass	
	2685	Edge_1RB_Left	18.63	/	/	20.33	/	/	<=33	Pass	
		Edge_1RB_Right	18.66	/	/	20.36	/	/	<=33	Pass	
		Outer_Full	18.48	/	/	20.18	/	/	<=33	Pass	
		Inner_Full	18.57	/	/	20.27	/	/	<=33	Pass	
		Inner_1RB_Left	18.58	/	/	20.28	/	/	<=33	Pass	
		Inner_1RB_Right	18.69	/	/	20.39	/	/	<=33	Pass	
	Note1: Antenna Gain: Ant1: 1.70dBi;										
	Note2: EIRP=Conducted Power+Antenna Gain										



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Member of the SGS Group (SGS SA)

1.2 15k_SISO_15MHz_NTNV_EIRP

1.2.1 Test Result

5G NR n41 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2503.5	Edge_1RB_Left	24.50	/	/	26.20	/	/	<=33	Pass
		Edge_1RB_Right	24.52	/	/	26.22	/	/	<=33	Pass
		Outer_Full	24.55	/	/	26.25	/	/	<=33	Pass
		Inner_Full	25.50	/	/	27.20	/	/	<=33	Pass
		Inner_1RB_Left	25.44	/	/	27.14	/	/	<=33	Pass
		Inner_1RB_Right	25.51	/	/	27.21	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	24.70	/	/	26.40	/	/	<=33	Pass
		Edge_1RB_Right	24.70	/	/	26.40	/	/	<=33	Pass
		Outer_Full	24.75	/	/	26.45	/	/	<=33	Pass
		Inner_Full	25.26	/	/	26.96	/	/	<=33	Pass
		Inner_1RB_Left	25.16	/	/	26.86	/	/	<=33	Pass
		Inner_1RB_Right	25.18	/	/	26.88	/	/	<=33	Pass
	2682.495	Edge_1RB_Left	24.34	/	/	26.04	/	/	<=33	Pass
		Edge_1RB_Right	24.36	/	/	26.06	/	/	<=33	Pass
		Outer_Full	24.43	/	/	26.13	/	/	<=33	Pass
		Inner_Full	24.88	/	/	26.58	/	/	<=33	Pass
		Inner_1RB_Left	24.79	/	/	26.49	/	/	<=33	Pass
		Inner_1RB_Right	24.83	/	/	26.53	/	/	<=33	Pass
DFT-s-OFDM QPSK	2503.5	Edge_1RB_Left	24.50	/	/	26.20	/	/	<=33	Pass
		Edge_1RB_Right	24.50	/	/	26.20	/	/	<=33	Pass
		Outer_Full	24.58	/	/	26.28	/	/	<=33	Pass
		Inner_Full	25.53	/	/	27.23	/	/	<=33	Pass
		Inner_1RB_Left	25.44	/	/	27.14	/	/	<=33	Pass
		Inner_1RB_Right	25.42	/	/	27.12	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	24.19	/	/	25.89	/	/	<=33	Pass
		Edge_1RB_Right	24.21	/	/	25.91	/	/	<=33	Pass
		Outer_Full	24.31	/	/	26.01	/	/	<=33	Pass
		Inner_Full	25.27	/	/	26.97	/	/	<=33	Pass
		Inner_1RB_Left	25.22	/	/	26.92	/	/	<=33	Pass
		Inner_1RB_Right	25.21	/	/	26.91	/	/	<=33	Pass
	2682.495	Edge_1RB_Left	23.89	/	/	25.59	/	/	<=33	Pass
		Edge_1RB_Right	23.91	/	/	25.61	/	/	<=33	Pass
		Outer_Full	23.95	/	/	25.65	/	/	<=33	Pass
		Inner_Full	24.89	/	/	26.59	/	/	<=33	Pass
		Inner_1RB_Left	24.85	/	/	26.55	/	/	<=33	Pass
		Inner_1RB_Right	24.82	/	/	26.52	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2503.5	Edge_1RB_Left	23.50	/	/	25.20	/	/	<=33	Pass
		Edge_1RB_Right	23.58	/	/	25.28	/	/	<=33	Pass
		Outer_Full	23.60	/	/	25.30	/	/	<=33	Pass
		Inner_Full	24.57	/	/	26.27	/	/	<=33	Pass
		Inner_1RB_Left	24.55	/	/	26.25	/	/	<=33	Pass



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Table with columns for test parameters (e.g., Inner_1RB_Right, Edge_1RB_Left), values, and pass/fail status. It is organized into sections for DFT-s-OFDM 64 QAM and DFT-s-OFDM 256 QAM, with sub-sections for different test configurations like 2593.005, 2682.495, and 2503.5.



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Table with columns for test parameters (e.g., Edge_1RB_Left, Outer_Full), values, and pass/fail status. Rows are grouped by modulation type (CP-OFDM QPSK, CP-OFDM 16 QAM, CP-OFDM 64 QAM) and bandwidth (2503.5, 2593.005, 2682.495).



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Report No.: SEWM2311000456RG02

Rev.: 01

Page: 9 of 1245

CP-OFDM 256 QAM		Edge_1RB_Right	21.70	/	/	23.40	/	/	<=33	Pass
		Outer_Full	21.57	/	/	23.27	/	/	<=33	Pass
		Inner_Full	21.60	/	/	23.30	/	/	<=33	Pass
		Inner_1RB_Left	21.48	/	/	23.18	/	/	<=33	Pass
		Inner_1RB_Right	21.57	/	/	23.27	/	/	<=33	Pass
	2503.5	Edge_1RB_Left	19.40	/	/	21.10	/	/	<=33	Pass
		Edge_1RB_Right	19.45	/	/	21.15	/	/	<=33	Pass
		Outer_Full	19.29	/	/	20.99	/	/	<=33	Pass
		Inner_Full	19.31	/	/	21.01	/	/	<=33	Pass
		Inner_1RB_Left	19.40	/	/	21.10	/	/	<=33	Pass
	2593.005	Inner_1RB_Right	19.41	/	/	21.11	/	/	<=33	Pass
		Edge_1RB_Left	18.93	/	/	20.63	/	/	<=33	Pass
		Edge_1RB_Right	18.89	/	/	20.59	/	/	<=33	Pass
		Outer_Full	18.86	/	/	20.56	/	/	<=33	Pass
		Inner_Full	18.88	/	/	20.58	/	/	<=33	Pass
	2682.495	Inner_1RB_Left	18.98	/	/	20.68	/	/	<=33	Pass
		Inner_1RB_Right	18.98	/	/	20.68	/	/	<=33	Pass
		Edge_1RB_Left	18.74	/	/	20.44	/	/	<=33	Pass
		Edge_1RB_Right	18.89	/	/	20.59	/	/	<=33	Pass
		Outer_Full	18.71	/	/	20.41	/	/	<=33	Pass
		Inner_Full	18.74	/	/	20.44	/	/	<=33	Pass
		Inner_1RB_Left	18.72	/	/	20.42	/	/	<=33	Pass
		Inner_1RB_Right	18.85	/	/	20.55	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 1.70dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.3 15k_SISO_20MHz_NTNV_EIRP

1.3.1 Test Result

5G NR n41 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2506.005	Edge_1RB_Left	24.36	/	/	26.06	/	/	<=33	Pass
		Edge_1RB_Right	24.38	/	/	26.08	/	/	<=33	Pass
		Outer_Full	24.36	/	/	26.06	/	/	<=33	Pass
		Inner_Full	25.34	/	/	27.04	/	/	<=33	Pass
		Inner_1RB_Left	25.26	/	/	26.96	/	/	<=33	Pass
		Inner_1RB_Right	25.32	/	/	27.02	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	24.74	/	/	26.44	/	/	<=33	Pass
		Edge_1RB_Right	24.66	/	/	26.36	/	/	<=33	Pass
		Outer_Full	24.76	/	/	26.46	/	/	<=33	Pass
		Inner_Full	25.32	/	/	27.02	/	/	<=33	Pass
		Inner_1RB_Left	25.14	/	/	26.84	/	/	<=33	Pass
		Inner_1RB_Right	25.18	/	/	26.88	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	24.25	/	/	25.95	/	/	<=33	Pass
		Edge_1RB_Right	24.34	/	/	26.04	/	/	<=33	Pass
		Outer_Full	24.34	/	/	26.04	/	/	<=33	Pass
		Inner_Full	24.86	/	/	26.56	/	/	<=33	Pass
		Inner_1RB_Left	24.76	/	/	26.46	/	/	<=33	Pass
		Inner_1RB_Right	24.78	/	/	26.48	/	/	<=33	Pass
DFT-s-OFDM QPSK	2506.005	Edge_1RB_Left	24.25	/	/	25.95	/	/	<=33	Pass
		Edge_1RB_Right	24.31	/	/	26.01	/	/	<=33	Pass
		Outer_Full	24.36	/	/	26.06	/	/	<=33	Pass
		Inner_Full	25.35	/	/	27.05	/	/	<=33	Pass
		Inner_1RB_Left	25.28	/	/	26.98	/	/	<=33	Pass
		Inner_1RB_Right	25.30	/	/	27.00	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	24.21	/	/	25.91	/	/	<=33	Pass
		Edge_1RB_Right	24.10	/	/	25.80	/	/	<=33	Pass
		Outer_Full	24.30	/	/	26.00	/	/	<=33	Pass
		Inner_Full	25.31	/	/	27.01	/	/	<=33	Pass
		Inner_1RB_Left	25.18	/	/	26.88	/	/	<=33	Pass
		Inner_1RB_Right	25.17	/	/	26.87	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	23.72	/	/	25.42	/	/	<=33	Pass
		Edge_1RB_Right	23.80	/	/	25.50	/	/	<=33	Pass
		Outer_Full	23.89	/	/	25.59	/	/	<=33	Pass
		Inner_Full	24.87	/	/	26.57	/	/	<=33	Pass
		Inner_1RB_Left	24.72	/	/	26.42	/	/	<=33	Pass
		Inner_1RB_Right	24.78	/	/	26.48	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2506.005	Edge_1RB_Left	23.30	/	/	25.00	/	/	<=33	Pass
		Edge_1RB_Right	23.36	/	/	25.06	/	/	<=33	Pass
		Outer_Full	23.41	/	/	25.11	/	/	<=33	Pass
		Inner_Full	24.35	/	/	26.05	/	/	<=33	Pass
		Inner_1RB_Left	24.16	/	/	25.86	/	/	<=33	Pass



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Table with columns for test parameters (e.g., Inner_1RB_Right, Edge_1RB_Left), values, and pass/fail status. Rows are grouped by test type (DFT-s-OFDM 64 QAM, DFT-s-OFDM 256 QAM) and sub-test ID (2593.005, 2679.99, 2506.005).



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Table with columns for test parameters (e.g., Edge_1RB_Left, Outer_Full), values, and pass/fail status. It is organized into sections for CP-OFDM QPSK, CP-OFDM 16 QAM, and CP-OFDM 64 QAM.



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Report No.: SEWM2311000456RG02

Rev.: 01

Page: 13 of 1245

CP-OFDM 256 QAM		Edge_1RB_Right	21.46	/	/	23.16	/	/	<=33	Pass		
		Outer_Full	21.49	/	/	23.19	/	/	<=33	Pass		
		Inner_Full	21.49	/	/	23.19	/	/	<=33	Pass		
		Inner_1RB_Left	21.43	/	/	23.13	/	/	<=33	Pass		
		Inner_1RB_Right	21.47	/	/	23.17	/	/	<=33	Pass		
	2506.005		Edge_1RB_Left	19.09	/	/	20.79	/	/	<=33	Pass	
			Edge_1RB_Right	19.08	/	/	20.78	/	/	<=33	Pass	
			Outer_Full	19.13	/	/	20.83	/	/	<=33	Pass	
			Inner_Full	19.11	/	/	20.81	/	/	<=33	Pass	
			Inner_1RB_Left	19.15	/	/	20.85	/	/	<=33	Pass	
		2593.005		Inner_1RB_Right	19.10	/	/	20.80	/	/	<=33	Pass
				Edge_1RB_Left	18.99	/	/	20.69	/	/	<=33	Pass
				Edge_1RB_Right	18.94	/	/	20.64	/	/	<=33	Pass
				Outer_Full	18.93	/	/	20.63	/	/	<=33	Pass
				Inner_Full	18.89	/	/	20.59	/	/	<=33	Pass
	2679.99		Inner_1RB_Left	18.97	/	/	20.67	/	/	<=33	Pass	
			Inner_1RB_Right	18.92	/	/	20.62	/	/	<=33	Pass	
			Edge_1RB_Left	18.68	/	/	20.38	/	/	<=33	Pass	
			Edge_1RB_Right	18.88	/	/	20.58	/	/	<=33	Pass	
			Outer_Full	18.73	/	/	20.43	/	/	<=33	Pass	
Inner_Full			18.69	/	/	20.39	/	/	<=33	Pass		
		Inner_1RB_Left	18.73	/	/	20.43	/	/	<=33	Pass		
		Inner_1RB_Right	18.87	/	/	20.57	/	/	<=33	Pass		

Note1: Antenna Gain: Ant1: 1.70dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.4 15k_SISO_25MHz_NTNV_EIRP

1.4.1 Test Result

5G NR n41 SCS=15kHz SISO 25MHz 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	2508.51	Edge_1RB_Left	24.46	/	/	26.16	/	/	<=33	Pass
		Edge_1RB_Right	24.42	/	/	26.12	/	/	<=33	Pass
		Outer_Full	24.50	/	/	26.20	/	/	<=33	Pass
		Inner_Full	25.47	/	/	27.17	/	/	<=33	Pass
		Inner_1RB_Left	25.40	/	/	27.10	/	/	<=33	Pass
		Inner_1RB_Right	25.39	/	/	27.09	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	24.81	/	/	26.51	/	/	<=33	Pass
		Edge_1RB_Right	24.70	/	/	26.40	/	/	<=33	Pass
		Outer_Full	24.84	/	/	26.54	/	/	<=33	Pass
		Inner_Full	25.34	/	/	27.04	/	/	<=33	Pass
		Inner_1RB_Left	25.20	/	/	26.90	/	/	<=33	Pass
		Inner_1RB_Right	25.14	/	/	26.84	/	/	<=33	Pass
	2677.5	Edge_1RB_Left	24.15	/	/	25.85	/	/	<=33	Pass
		Edge_1RB_Right	24.33	/	/	26.03	/	/	<=33	Pass
		Outer_Full	24.37	/	/	26.07	/	/	<=33	Pass
		Inner_Full	24.86	/	/	26.56	/	/	<=33	Pass
		Inner_1RB_Left	24.61	/	/	26.31	/	/	<=33	Pass
		Inner_1RB_Right	24.74	/	/	26.44	/	/	<=33	Pass
DFT-s-OFDM QPSK	2508.51	Edge_1RB_Left	24.42	/	/	26.12	/	/	<=33	Pass
		Edge_1RB_Right	24.38	/	/	26.08	/	/	<=33	Pass
		Outer_Full	24.51	/	/	26.21	/	/	<=33	Pass
		Inner_Full	25.49	/	/	27.19	/	/	<=33	Pass
		Inner_1RB_Left	25.33	/	/	27.03	/	/	<=33	Pass
		Inner_1RB_Right	25.34	/	/	27.04	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	24.31	/	/	26.01	/	/	<=33	Pass
		Edge_1RB_Right	24.15	/	/	25.85	/	/	<=33	Pass
		Outer_Full	24.32	/	/	26.02	/	/	<=33	Pass
		Inner_Full	25.31	/	/	27.01	/	/	<=33	Pass
		Inner_1RB_Left	25.24	/	/	26.94	/	/	<=33	Pass
		Inner_1RB_Right	25.16	/	/	26.86	/	/	<=33	Pass
	2677.5	Edge_1RB_Left	23.72	/	/	25.42	/	/	<=33	Pass
		Edge_1RB_Right	23.86	/	/	25.56	/	/	<=33	Pass
		Outer_Full	23.89	/	/	25.59	/	/	<=33	Pass
		Inner_Full	24.89	/	/	26.59	/	/	<=33	Pass
		Inner_1RB_Left	24.62	/	/	26.32	/	/	<=33	Pass
		Inner_1RB_Right	24.78	/	/	26.48	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2508.51	Edge_1RB_Left	23.50	/	/	25.20	/	/	<=33	Pass
		Edge_1RB_Right	23.46	/	/	25.16	/	/	<=33	Pass
		Outer_Full	23.53	/	/	25.23	/	/	<=33	Pass
		Inner_Full	24.49	/	/	26.19	/	/	<=33	Pass
		Inner_1RB_Left	24.27	/	/	25.97	/	/	<=33	Pass



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DFT-s-OFDM 64 QAM	2593.005	Inner_1RB_Right	24.37	/	/	26.07	/	/	<=33	Pass	
		Edge_1RB_Left	23.42	/	/	25.12	/	/	<=33	Pass	
		Edge_1RB_Right	23.21	/	/	24.91	/	/	<=33	Pass	
		Outer_Full	23.39	/	/	25.09	/	/	<=33	Pass	
		Inner_Full	24.32	/	/	26.02	/	/	<=33	Pass	
		Inner_1RB_Left	24.31	/	/	26.01	/	/	<=33	Pass	
	2677.5	Inner_1RB_Right	24.16	/	/	25.86	/	/	<=33	Pass	
		Edge_1RB_Left	22.86	/	/	24.56	/	/	<=33	Pass	
		Edge_1RB_Right	22.96	/	/	24.66	/	/	<=33	Pass	
		Outer_Full	22.95	/	/	24.65	/	/	<=33	Pass	
		Inner_Full	23.91	/	/	25.61	/	/	<=33	Pass	
		Inner_1RB_Left	23.66	/	/	25.36	/	/	<=33	Pass	
	DFT-s-OFDM 256 QAM	2508.51	Inner_1RB_Right	23.81	/	/	25.51	/	/	<=33	Pass
			Edge_1RB_Left	22.95	/	/	24.65	/	/	<=33	Pass
Edge_1RB_Right			22.97	/	/	24.67	/	/	<=33	Pass	
Outer_Full			23.09	/	/	24.79	/	/	<=33	Pass	
Inner_Full			23.03	/	/	24.73	/	/	<=33	Pass	
Inner_1RB_Left			22.88	/	/	24.58	/	/	<=33	Pass	
2593.005		Inner_1RB_Right	22.84	/	/	24.54	/	/	<=33	Pass	
		Edge_1RB_Left	22.74	/	/	24.44	/	/	<=33	Pass	
		Edge_1RB_Right	22.70	/	/	24.40	/	/	<=33	Pass	
		Outer_Full	22.89	/	/	24.59	/	/	<=33	Pass	
		Inner_Full	22.90	/	/	24.60	/	/	<=33	Pass	
		Inner_1RB_Left	22.76	/	/	24.46	/	/	<=33	Pass	
2677.5		Inner_1RB_Right	22.65	/	/	24.35	/	/	<=33	Pass	
		Edge_1RB_Left	22.21	/	/	23.91	/	/	<=33	Pass	
	Edge_1RB_Right	22.47	/	/	24.17	/	/	<=33	Pass		
	Outer_Full	22.51	/	/	24.21	/	/	<=33	Pass		
	Inner_Full	22.51	/	/	24.21	/	/	<=33	Pass		
	Inner_1RB_Left	22.21	/	/	23.91	/	/	<=33	Pass		
DFT-s-OFDM 256 QAM	2508.51	Inner_1RB_Right	22.48	/	/	24.18	/	/	<=33	Pass	
		Edge_1RB_Left	20.90	/	/	22.60	/	/	<=33	Pass	
		Edge_1RB_Right	20.76	/	/	22.46	/	/	<=33	Pass	
		Outer_Full	21.21	/	/	22.91	/	/	<=33	Pass	
		Inner_Full	21.13	/	/	22.83	/	/	<=33	Pass	
		Inner_1RB_Left	20.86	/	/	22.56	/	/	<=33	Pass	
	2593.005	Inner_1RB_Right	20.80	/	/	22.50	/	/	<=33	Pass	
		Edge_1RB_Left	20.54	/	/	22.24	/	/	<=33	Pass	
		Edge_1RB_Right	20.53	/	/	22.23	/	/	<=33	Pass	
		Outer_Full	20.95	/	/	22.65	/	/	<=33	Pass	
		Inner_Full	20.93	/	/	22.63	/	/	<=33	Pass	
		Inner_1RB_Left	20.52	/	/	22.22	/	/	<=33	Pass	
	2677.5	Inner_1RB_Right	20.52	/	/	22.22	/	/	<=33	Pass	
		Edge_1RB_Left	20.19	/	/	21.89	/	/	<=33	Pass	
Edge_1RB_Right		20.43	/	/	22.13	/	/	<=33	Pass		
Outer_Full		20.65	/	/	22.35	/	/	<=33	Pass		
Inner_Full		20.62	/	/	22.32	/	/	<=33	Pass		
Inner_1RB_Left		20.21	/	/	21.91	/	/	<=33	Pass		
		Inner_1RB_Right	20.37	/	/	22.07	/	/	<=33	Pass	



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CP-OFDM QPSK	2508.51	Edge_1RB_Left	22.35	/	/	24.05	/	/	<=33	Pass
		Edge_1RB_Right	22.33	/	/	24.03	/	/	<=33	Pass
		Outer_Full	22.59	/	/	24.29	/	/	<=33	Pass
		Inner_Full	24.02	/	/	25.72	/	/	<=33	Pass
		Inner_1RB_Left	23.77	/	/	25.47	/	/	<=33	Pass
		Inner_1RB_Right	23.78	/	/	25.48	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	22.22	/	/	23.92	/	/	<=33	Pass
		Edge_1RB_Right	22.29	/	/	23.99	/	/	<=33	Pass
		Outer_Full	22.44	/	/	24.14	/	/	<=33	Pass
		Inner_Full	23.85	/	/	25.55	/	/	<=33	Pass
		Inner_1RB_Left	23.64	/	/	25.34	/	/	<=33	Pass
		Inner_1RB_Right	23.54	/	/	25.24	/	/	<=33	Pass
	2677.5	Edge_1RB_Left	21.66	/	/	23.36	/	/	<=33	Pass
		Edge_1RB_Right	21.92	/	/	23.62	/	/	<=33	Pass
		Outer_Full	22.00	/	/	23.70	/	/	<=33	Pass
		Inner_Full	23.43	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Left	23.11	/	/	24.81	/	/	<=33	Pass
		Inner_1RB_Right	23.24	/	/	24.94	/	/	<=33	Pass
CP-OFDM 16 QAM	2508.51	Edge_1RB_Left	22.46	/	/	24.16	/	/	<=33	Pass
		Edge_1RB_Right	22.64	/	/	24.34	/	/	<=33	Pass
		Outer_Full	22.60	/	/	24.30	/	/	<=33	Pass
		Inner_Full	23.52	/	/	25.22	/	/	<=33	Pass
		Inner_1RB_Left	23.56	/	/	25.26	/	/	<=33	Pass
		Inner_1RB_Right	23.53	/	/	25.23	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	22.33	/	/	24.03	/	/	<=33	Pass
		Edge_1RB_Right	22.48	/	/	24.18	/	/	<=33	Pass
		Outer_Full	22.41	/	/	24.11	/	/	<=33	Pass
		Inner_Full	23.36	/	/	25.06	/	/	<=33	Pass
		Inner_1RB_Left	23.34	/	/	25.04	/	/	<=33	Pass
		Inner_1RB_Right	23.36	/	/	25.06	/	/	<=33	Pass
	2677.5	Edge_1RB_Left	21.94	/	/	23.64	/	/	<=33	Pass
		Edge_1RB_Right	21.94	/	/	23.64	/	/	<=33	Pass
		Outer_Full	21.95	/	/	23.65	/	/	<=33	Pass
		Inner_Full	22.94	/	/	24.64	/	/	<=33	Pass
		Inner_1RB_Left	22.86	/	/	24.56	/	/	<=33	Pass
		Inner_1RB_Right	23.01	/	/	24.71	/	/	<=33	Pass
CP-OFDM 64 QAM	2508.51	Edge_1RB_Left	22.01	/	/	23.71	/	/	<=33	Pass
		Edge_1RB_Right	21.99	/	/	23.69	/	/	<=33	Pass
		Outer_Full	22.09	/	/	23.79	/	/	<=33	Pass
		Inner_Full	22.09	/	/	23.79	/	/	<=33	Pass
		Inner_1RB_Left	21.99	/	/	23.69	/	/	<=33	Pass
		Inner_1RB_Right	22.03	/	/	23.73	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	21.87	/	/	23.57	/	/	<=33	Pass
		Edge_1RB_Right	21.85	/	/	23.55	/	/	<=33	Pass
		Outer_Full	21.95	/	/	23.65	/	/	<=33	Pass
		Inner_Full	21.95	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Left	21.89	/	/	23.59	/	/	<=33	Pass
		Inner_1RB_Right	21.81	/	/	23.51	/	/	<=33	Pass
	2677.5	Edge_1RB_Left	21.41	/	/	23.11	/	/	<=33	Pass



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Report No.: SEWM2311000456RG02

Rev.: 01

Page: 17 of 1245

CP-OFDM 256 QAM		Edge_1RB_Right	21.59	/	/	23.29	/	/	<=33	Pass
		Outer_Full	21.51	/	/	23.21	/	/	<=33	Pass
		Inner_Full	21.58	/	/	23.28	/	/	<=33	Pass
		Inner_1RB_Left	21.31	/	/	23.01	/	/	<=33	Pass
		Inner_1RB_Right	21.44	/	/	23.14	/	/	<=33	Pass
	2508.51	Edge_1RB_Left	19.18	/	/	20.88	/	/	<=33	Pass
		Edge_1RB_Right	19.13	/	/	20.83	/	/	<=33	Pass
		Outer_Full	19.19	/	/	20.89	/	/	<=33	Pass
		Inner_Full	19.15	/	/	20.85	/	/	<=33	Pass
		Inner_1RB_Left	19.23	/	/	20.93	/	/	<=33	Pass
	2593.005	Inner_1RB_Right	19.11	/	/	20.81	/	/	<=33	Pass
		Edge_1RB_Left	18.92	/	/	20.62	/	/	<=33	Pass
		Edge_1RB_Right	18.89	/	/	20.59	/	/	<=33	Pass
		Outer_Full	18.92	/	/	20.62	/	/	<=33	Pass
		Inner_Full	18.92	/	/	20.62	/	/	<=33	Pass
	2677.5	Inner_1RB_Left	18.97	/	/	20.67	/	/	<=33	Pass
		Inner_1RB_Right	18.92	/	/	20.62	/	/	<=33	Pass
		Edge_1RB_Left	18.58	/	/	20.28	/	/	<=33	Pass
		Edge_1RB_Right	18.76	/	/	20.46	/	/	<=33	Pass
		Outer_Full	18.65	/	/	20.35	/	/	<=33	Pass
	Inner_Full	18.63	/	/	20.33	/	/	<=33	Pass	
	Inner_1RB_Left	18.55	/	/	20.25	/	/	<=33	Pass	
	Inner_1RB_Right	18.76	/	/	20.46	/	/	<=33	Pass	

Note1: Antenna Gain: Ant1: 1.70dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.5 15k_SISO_30MHz_NTNV_EIRP

1.5.1 Test Result

5G NR n41 SCS=15kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2511	Edge_1RB_Left	24.55	/	/	26.25	/	/	<=33	Pass
		Edge_1RB_Right	24.56	/	/	26.26	/	/	<=33	Pass
		Outer_Full	24.60	/	/	26.30	/	/	<=33	Pass
		Inner_Full	25.57	/	/	27.27	/	/	<=33	Pass
		Inner_1RB_Left	25.47	/	/	27.17	/	/	<=33	Pass
		Inner_1RB_Right	25.49	/	/	27.19	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	24.88	/	/	26.58	/	/	<=33	Pass
		Edge_1RB_Right	24.75	/	/	26.45	/	/	<=33	Pass
		Outer_Full	24.89	/	/	26.59	/	/	<=33	Pass
		Inner_Full	25.37	/	/	27.07	/	/	<=33	Pass
		Inner_1RB_Left	25.36	/	/	27.06	/	/	<=33	Pass
		Inner_1RB_Right	25.22	/	/	26.92	/	/	<=33	Pass
	2674.995	Edge_1RB_Left	24.38	/	/	26.08	/	/	<=33	Pass
		Edge_1RB_Right	24.52	/	/	26.22	/	/	<=33	Pass
		Outer_Full	24.51	/	/	26.21	/	/	<=33	Pass
		Inner_Full	25.04	/	/	26.74	/	/	<=33	Pass
		Inner_1RB_Left	24.86	/	/	26.56	/	/	<=33	Pass
		Inner_1RB_Right	24.97	/	/	26.67	/	/	<=33	Pass
DFT-s-OFDM QPSK	2511	Edge_1RB_Left	24.54	/	/	26.24	/	/	<=33	Pass
		Edge_1RB_Right	24.48	/	/	26.18	/	/	<=33	Pass
		Outer_Full	24.60	/	/	26.30	/	/	<=33	Pass
		Inner_Full	25.58	/	/	27.28	/	/	<=33	Pass
		Inner_1RB_Left	25.45	/	/	27.15	/	/	<=33	Pass
		Inner_1RB_Right	25.50	/	/	27.20	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	24.38	/	/	26.08	/	/	<=33	Pass
		Edge_1RB_Right	24.25	/	/	25.95	/	/	<=33	Pass
		Outer_Full	24.40	/	/	26.10	/	/	<=33	Pass
		Inner_Full	25.32	/	/	27.02	/	/	<=33	Pass
		Inner_1RB_Left	25.33	/	/	27.03	/	/	<=33	Pass
		Inner_1RB_Right	25.20	/	/	26.90	/	/	<=33	Pass
	2674.995	Edge_1RB_Left	23.91	/	/	25.61	/	/	<=33	Pass
		Edge_1RB_Right	24.03	/	/	25.73	/	/	<=33	Pass
		Outer_Full	24.04	/	/	25.74	/	/	<=33	Pass
		Inner_Full	25.01	/	/	26.71	/	/	<=33	Pass
		Inner_1RB_Left	24.90	/	/	26.60	/	/	<=33	Pass
		Inner_1RB_Right	24.97	/	/	26.67	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2511	Edge_1RB_Left	23.41	/	/	25.11	/	/	<=33	Pass
		Edge_1RB_Right	23.49	/	/	25.19	/	/	<=33	Pass
		Outer_Full	23.57	/	/	25.27	/	/	<=33	Pass
		Inner_Full	24.58	/	/	26.28	/	/	<=33	Pass
		Inner_1RB_Left	24.59	/	/	26.29	/	/	<=33	Pass



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Table with columns for test item, test point, value, and result. Rows include test items like 2593.005, 2674.995, 2511, DFT-s-OFDM 64 QAM, DFT-s-OFDM 256 QAM.



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Table with columns for test parameters (e.g., Edge_1RB_Left, Outer_Full), values, and pass/fail status. Rows are grouped by modulation type (CP-OFDM QPSK, CP-OFDM 16 QAM, CP-OFDM 64 QAM) and frequency bands (2511, 2593.005, 2674.995).



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Report No.: SEWM2311000456RG02

Rev.: 01

Page: 21 of 1245

CP-OFDM 256 QAM	2511	Edge_1RB_Right	21.67	/	/	23.37	/	/	<=33	Pass		
		Outer_Full	21.67	/	/	23.37	/	/	<=33	Pass		
		Inner_Full	21.67	/	/	23.37	/	/	<=33	Pass		
		Inner_1RB_Left	21.68	/	/	23.38	/	/	<=33	Pass		
		Inner_1RB_Right	21.71	/	/	23.41	/	/	<=33	Pass		
	2593.005	2511	Edge_1RB_Left	19.30	/	/	21.00	/	/	<=33	Pass	
			Edge_1RB_Right	19.15	/	/	20.85	/	/	<=33	Pass	
			Outer_Full	19.21	/	/	20.91	/	/	<=33	Pass	
			Inner_Full	19.17	/	/	20.87	/	/	<=33	Pass	
			Inner_1RB_Left	19.31	/	/	21.01	/	/	<=33	Pass	
		2674.995	Inner_1RB_Right	19.17	/	/	20.87	/	/	<=33	Pass	
			2593.005	Edge_1RB_Left	18.98	/	/	20.68	/	/	<=33	Pass
				Edge_1RB_Right	18.86	/	/	20.56	/	/	<=33	Pass
				Outer_Full	18.96	/	/	20.66	/	/	<=33	Pass
				Inner_Full	18.95	/	/	20.65	/	/	<=33	Pass
	Inner_1RB_Left	19.00		/	/	20.70	/	/	<=33	Pass		
	2674.995	Inner_1RB_Right	18.89	/	/	20.59	/	/	<=33	Pass		
		2593.005	Edge_1RB_Left	18.76	/	/	20.46	/	/	<=33	Pass	
			Edge_1RB_Right	18.87	/	/	20.57	/	/	<=33	Pass	
			Outer_Full	18.79	/	/	20.49	/	/	<=33	Pass	
Inner_Full			18.75	/	/	20.45	/	/	<=33	Pass		
Inner_1RB_Left	18.76		/	/	20.46	/	/	<=33	Pass			
2674.995	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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1.6 15k_SISO_40MHz_NTNV_EIRP

1.6.1 Test Result

5G NR n41 SCS=15kHz SISO 40MHz 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	2516.01	Edge_1RB_Left	24.36	/	/	26.06	/	/	<=33	Pass
		Edge_1RB_Right	24.44	/	/	26.14	/	/	<=33	Pass
		Outer_Full	24.45	/	/	26.15	/	/	<=33	Pass
		Inner_Full	25.43	/	/	27.13	/	/	<=33	Pass
		Inner_1RB_Left	25.34	/	/	27.04	/	/	<=33	Pass
		Inner_1RB_Right	25.36	/	/	27.06	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	24.79	/	/	26.49	/	/	<=33	Pass
		Edge_1RB_Right	24.71	/	/	26.41	/	/	<=33	Pass
		Outer_Full	24.86	/	/	26.56	/	/	<=33	Pass
		Inner_Full	25.35	/	/	27.05	/	/	<=33	Pass
		Inner_1RB_Left	25.28	/	/	26.98	/	/	<=33	Pass
		Inner_1RB_Right	25.17	/	/	26.87	/	/	<=33	Pass
	2670	Edge_1RB_Left	24.37	/	/	26.07	/	/	<=33	Pass
		Edge_1RB_Right	24.43	/	/	26.13	/	/	<=33	Pass
		Outer_Full	24.37	/	/	26.07	/	/	<=33	Pass
		Inner_Full	24.83	/	/	26.53	/	/	<=33	Pass
		Inner_1RB_Left	24.81	/	/	26.51	/	/	<=33	Pass
		Inner_1RB_Right	24.87	/	/	26.57	/	/	<=33	Pass
DFT-s-OFDM QPSK	2516.01	Edge_1RB_Left	24.36	/	/	26.06	/	/	<=33	Pass
		Edge_1RB_Right	24.29	/	/	25.99	/	/	<=33	Pass
		Outer_Full	24.47	/	/	26.17	/	/	<=33	Pass
		Inner_Full	25.42	/	/	27.12	/	/	<=33	Pass
		Inner_1RB_Left	25.37	/	/	27.07	/	/	<=33	Pass
		Inner_1RB_Right	25.30	/	/	27.00	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	24.38	/	/	26.08	/	/	<=33	Pass
		Edge_1RB_Right	24.16	/	/	25.86	/	/	<=33	Pass
		Outer_Full	24.37	/	/	26.07	/	/	<=33	Pass
		Inner_Full	25.39	/	/	27.09	/	/	<=33	Pass
		Inner_1RB_Left	25.30	/	/	27.00	/	/	<=33	Pass
		Inner_1RB_Right	25.23	/	/	26.93	/	/	<=33	Pass
	2670	Edge_1RB_Left	23.86	/	/	25.56	/	/	<=33	Pass
		Edge_1RB_Right	23.96	/	/	25.66	/	/	<=33	Pass
		Outer_Full	23.93	/	/	25.63	/	/	<=33	Pass
		Inner_Full	24.86	/	/	26.56	/	/	<=33	Pass
		Inner_1RB_Left	24.87	/	/	26.57	/	/	<=33	Pass
		Inner_1RB_Right	24.83	/	/	26.53	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2516.01	Edge_1RB_Left	23.45	/	/	25.15	/	/	<=33	Pass
		Edge_1RB_Right	23.39	/	/	25.09	/	/	<=33	Pass
		Outer_Full	23.47	/	/	25.17	/	/	<=33	Pass
		Inner_Full	24.42	/	/	26.12	/	/	<=33	Pass
		Inner_1RB_Left	24.47	/	/	26.17	/	/	<=33	Pass



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Table with columns for test parameters (e.g., Inner_1RB_Right, Edge_1RB_Left), values, and pass/fail status. Rows are grouped by test type (DFT-s-OFDM 64 QAM, DFT-s-OFDM 256 QAM) and configuration (2593.005, 2670, 2516.01).



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Table with columns for test parameters (e.g., Edge_1RB_Left, Outer_Full, Inner_Full) and results (e.g., 22.33, 24.03, Pass). Rows are grouped by modulation type (CP-OFDM QPSK, CP-OFDM 16 QAM, CP-OFDM 64 QAM) and bandwidth (2516.01, 2593.005, 2670).



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Report No.: SEWM2311000456RG02

Rev.: 01

Page: 25 of 1245

CP-OFDM 256 QAM		Edge_1RB_Right	21.70	/	/	23.40	/	/	<=33	Pass
		Outer_Full	21.55	/	/	23.25	/	/	<=33	Pass
		Inner_Full	21.51	/	/	23.21	/	/	<=33	Pass
		Inner_1RB_Left	21.50	/	/	23.20	/	/	<=33	Pass
		Inner_1RB_Right	21.74	/	/	23.44	/	/	<=33	Pass
	2516.01	Edge_1RB_Left	19.20	/	/	20.90	/	/	<=33	Pass
		Edge_1RB_Right	19.10	/	/	20.80	/	/	<=33	Pass
		Outer_Full	19.12	/	/	20.82	/	/	<=33	Pass
		Inner_Full	19.05	/	/	20.75	/	/	<=33	Pass
		Inner_1RB_Left	19.23	/	/	20.93	/	/	<=33	Pass
	2593.005	Inner_1RB_Right	19.19	/	/	20.89	/	/	<=33	Pass
		Edge_1RB_Left	19.02	/	/	20.72	/	/	<=33	Pass
		Edge_1RB_Right	18.91	/	/	20.61	/	/	<=33	Pass
		Outer_Full	18.93	/	/	20.63	/	/	<=33	Pass
		Inner_Full	18.92	/	/	20.62	/	/	<=33	Pass
	2670	Inner_1RB_Left	19.04	/	/	20.74	/	/	<=33	Pass
		Inner_1RB_Right	18.96	/	/	20.66	/	/	<=33	Pass
		Edge_1RB_Left	18.67	/	/	20.37	/	/	<=33	Pass
		Edge_1RB_Right	18.89	/	/	20.59	/	/	<=33	Pass
		Outer_Full	18.63	/	/	20.33	/	/	<=33	Pass
	Inner_Full	18.67	/	/	20.37	/	/	<=33	Pass	
	Inner_1RB_Left	18.70	/	/	20.40	/	/	<=33	Pass	
	Inner_1RB_Right	18.93	/	/	20.63	/	/	<=33	Pass	

Note1: Antenna Gain: Ant1: 1.70dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.7 15k_SISO_50MHz_NTNV_EIRP

1.7.1 Test Result

5G NR n41 SCS=15kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2521.005	Edge_1RB_Left	24.45	/	/	26.15	/	/	<=33	Pass
		Edge_1RB_Right	24.45	/	/	26.15	/	/	<=33	Pass
		Outer_Full	24.55	/	/	26.25	/	/	<=33	Pass
		Inner_Full	25.55	/	/	27.25	/	/	<=33	Pass
		Inner_1RB_Left	25.41	/	/	27.11	/	/	<=33	Pass
		Inner_1RB_Right	25.35	/	/	27.05	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	24.74	/	/	26.44	/	/	<=33	Pass
		Edge_1RB_Right	24.65	/	/	26.35	/	/	<=33	Pass
		Outer_Full	24.88	/	/	26.58	/	/	<=33	Pass
		Inner_Full	25.33	/	/	27.03	/	/	<=33	Pass
		Inner_1RB_Left	25.27	/	/	26.97	/	/	<=33	Pass
		Inner_1RB_Right	25.15	/	/	26.85	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	24.50	/	/	26.20	/	/	<=33	Pass
		Edge_1RB_Right	24.42	/	/	26.12	/	/	<=33	Pass
		Outer_Full	24.55	/	/	26.25	/	/	<=33	Pass
		Inner_Full	24.98	/	/	26.68	/	/	<=33	Pass
		Inner_1RB_Left	24.95	/	/	26.65	/	/	<=33	Pass
		Inner_1RB_Right	24.88	/	/	26.58	/	/	<=33	Pass
DFT-s-OFDM QPSK	2521.005	Edge_1RB_Left	24.40	/	/	26.10	/	/	<=33	Pass
		Edge_1RB_Right	24.26	/	/	25.96	/	/	<=33	Pass
		Outer_Full	24.51	/	/	26.21	/	/	<=33	Pass
		Inner_Full	25.56	/	/	27.26	/	/	<=33	Pass
		Inner_1RB_Left	25.39	/	/	27.09	/	/	<=33	Pass
		Inner_1RB_Right	25.31	/	/	27.01	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	24.32	/	/	26.02	/	/	<=33	Pass
		Edge_1RB_Right	24.11	/	/	25.81	/	/	<=33	Pass
		Outer_Full	24.35	/	/	26.05	/	/	<=33	Pass
		Inner_Full	25.35	/	/	27.05	/	/	<=33	Pass
		Inner_1RB_Left	25.26	/	/	26.96	/	/	<=33	Pass
		Inner_1RB_Right	25.15	/	/	26.85	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	23.98	/	/	25.68	/	/	<=33	Pass
		Edge_1RB_Right	23.97	/	/	25.67	/	/	<=33	Pass
		Outer_Full	24.07	/	/	25.77	/	/	<=33	Pass
		Inner_Full	25.00	/	/	26.70	/	/	<=33	Pass
		Inner_1RB_Left	24.98	/	/	26.68	/	/	<=33	Pass
		Inner_1RB_Right	24.94	/	/	26.64	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2521.005	Edge_1RB_Left	23.39	/	/	25.09	/	/	<=33	Pass
		Edge_1RB_Right	23.52	/	/	25.22	/	/	<=33	Pass
		Outer_Full	23.52	/	/	25.22	/	/	<=33	Pass
		Inner_Full	24.56	/	/	26.26	/	/	<=33	Pass
		Inner_1RB_Left	24.52	/	/	26.22	/	/	<=33	Pass



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Table with columns for test parameters (e.g., Inner_1RB_Right, Edge_1RB_Left), values, and pass/fail status. It is organized into sections for DFT-s-OFDM 64 QAM and DFT-s-OFDM 256 QAM.



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CP-OFDM QPSK	2521.005	Edge_1RB_Left	22.25	/	/	23.95	/	/	<=33	Pass
		Edge_1RB_Right	22.24	/	/	23.94	/	/	<=33	Pass
		Outer_Full	22.59	/	/	24.29	/	/	<=33	Pass
		Inner_Full	24.07	/	/	25.77	/	/	<=33	Pass
		Inner_1RB_Left	23.91	/	/	25.61	/	/	<=33	Pass
		Inner_1RB_Right	23.72	/	/	25.42	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	22.07	/	/	23.77	/	/	<=33	Pass
		Edge_1RB_Right	21.97	/	/	23.67	/	/	<=33	Pass
		Outer_Full	22.44	/	/	24.14	/	/	<=33	Pass
		Inner_Full	23.84	/	/	25.54	/	/	<=33	Pass
		Inner_1RB_Left	23.61	/	/	25.31	/	/	<=33	Pass
		Inner_1RB_Right	23.44	/	/	25.14	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	21.97	/	/	23.67	/	/	<=33	Pass
		Edge_1RB_Right	21.99	/	/	23.69	/	/	<=33	Pass
		Outer_Full	22.16	/	/	23.86	/	/	<=33	Pass
		Inner_Full	23.54	/	/	25.24	/	/	<=33	Pass
		Inner_1RB_Left	23.35	/	/	25.05	/	/	<=33	Pass
		Inner_1RB_Right	23.30	/	/	25.00	/	/	<=33	Pass
CP-OFDM 16 QAM	2521.005	Edge_1RB_Left	22.54	/	/	24.24	/	/	<=33	Pass
		Edge_1RB_Right	22.32	/	/	24.02	/	/	<=33	Pass
		Outer_Full	22.56	/	/	24.26	/	/	<=33	Pass
		Inner_Full	23.58	/	/	25.28	/	/	<=33	Pass
		Inner_1RB_Left	23.63	/	/	25.33	/	/	<=33	Pass
		Inner_1RB_Right	23.57	/	/	25.27	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	22.34	/	/	24.04	/	/	<=33	Pass
		Edge_1RB_Right	22.08	/	/	23.78	/	/	<=33	Pass
		Outer_Full	22.41	/	/	24.11	/	/	<=33	Pass
		Inner_Full	23.34	/	/	25.04	/	/	<=33	Pass
		Inner_1RB_Left	23.27	/	/	24.97	/	/	<=33	Pass
		Inner_1RB_Right	23.31	/	/	25.01	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.04	/	/	23.74	/	/	<=33	Pass
		Edge_1RB_Right	22.14	/	/	23.84	/	/	<=33	Pass
		Outer_Full	22.12	/	/	23.82	/	/	<=33	Pass
		Inner_Full	23.04	/	/	24.74	/	/	<=33	Pass
		Inner_1RB_Left	23.09	/	/	24.79	/	/	<=33	Pass
		Inner_1RB_Right	23.07	/	/	24.77	/	/	<=33	Pass
CP-OFDM 64 QAM	2521.005	Edge_1RB_Left	22.01	/	/	23.71	/	/	<=33	Pass
		Edge_1RB_Right	21.88	/	/	23.58	/	/	<=33	Pass
		Outer_Full	22.14	/	/	23.84	/	/	<=33	Pass
		Inner_Full	22.14	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Left	22.00	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Right	21.91	/	/	23.61	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	21.95	/	/	23.65	/	/	<=33	Pass
		Edge_1RB_Right	21.70	/	/	23.40	/	/	<=33	Pass
		Outer_Full	21.94	/	/	23.64	/	/	<=33	Pass
		Inner_Full	21.94	/	/	23.64	/	/	<=33	Pass
		Inner_1RB_Left	21.98	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Right	21.83	/	/	23.53	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	21.60	/	/	23.30	/	/	<=33	Pass



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Report No.: SEWM2311000456RG02

Rev.: 01

Page: 29 of 1245

		Edge_1RB_Right	21.66	/	/	23.36	/	/	<=33	Pass
		Outer_Full	21.67	/	/	23.37	/	/	<=33	Pass
		Inner_Full	21.59	/	/	23.29	/	/	<=33	Pass
		Inner_1RB_Left	21.63	/	/	23.33	/	/	<=33	Pass
		Inner_1RB_Right	21.66	/	/	23.36	/	/	<=33	Pass
CP-OFDM 256 QAM	2521.005	Edge_1RB_Left	19.19	/	/	20.89	/	/	<=33	Pass
		Edge_1RB_Right	19.01	/	/	20.71	/	/	<=33	Pass
		Outer_Full	19.13	/	/	20.83	/	/	<=33	Pass
		Inner_Full	19.15	/	/	20.85	/	/	<=33	Pass
		Inner_1RB_Left	19.23	/	/	20.93	/	/	<=33	Pass
		Inner_1RB_Right	18.99	/	/	20.69	/	/	<=33	Pass
	2593.005	Edge_1RB_Left	18.94	/	/	20.64	/	/	<=33	Pass
		Edge_1RB_Right	18.83	/	/	20.53	/	/	<=33	Pass
		Outer_Full	18.93	/	/	20.63	/	/	<=33	Pass
		Inner_Full	18.96	/	/	20.66	/	/	<=33	Pass
		Inner_1RB_Left	18.96	/	/	20.66	/	/	<=33	Pass
		Inner_1RB_Right	18.83	/	/	20.53	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	18.71	/	/	20.41	/	/	<=33	Pass
		Edge_1RB_Right	18.88	/	/	20.58	/	/	<=33	Pass
		Outer_Full	18.79	/	/	20.49	/	/	<=33	Pass
		Inner_Full	18.76	/	/	20.46	/	/	<=33	Pass
		Inner_1RB_Left	18.78	/	/	20.48	/	/	<=33	Pass
		Inner_1RB_Right	18.86	/	/	20.56	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 1.70dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.8 30k_SISO_10MHz_NTNV_EIRP

1.8.1 Test Result

5G NR n41 SCS=30kHz SISO 10MHz 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	2501.01	Edge_1RB_Left	24.91	/	/	26.61	/	/	<=33	Pass
		Edge_1RB_Right	24.96	/	/	26.66	/	/	<=33	Pass
		Outer_Full	25.06	/	/	26.76	/	/	<=33	Pass
		Inner_Full	25.49	/	/	27.19	/	/	<=33	Pass
		Inner_1RB_Left	25.38	/	/	27.08	/	/	<=33	Pass
		Inner_1RB_Right	25.43	/	/	27.13	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.77	/	/	26.47	/	/	<=33	Pass
		Edge_1RB_Right	24.77	/	/	26.47	/	/	<=33	Pass
		Outer_Full	24.84	/	/	26.54	/	/	<=33	Pass
		Inner_Full	25.23	/	/	26.93	/	/	<=33	Pass
		Inner_1RB_Left	25.22	/	/	26.92	/	/	<=33	Pass
		Inner_1RB_Right	25.27	/	/	26.97	/	/	<=33	Pass
	2685	Edge_1RB_Left	24.20	/	/	25.90	/	/	<=33	Pass
		Edge_1RB_Right	24.16	/	/	25.86	/	/	<=33	Pass
		Outer_Full	24.29	/	/	25.99	/	/	<=33	Pass
		Inner_Full	24.75	/	/	26.45	/	/	<=33	Pass
		Inner_1RB_Left	24.63	/	/	26.33	/	/	<=33	Pass
		Inner_1RB_Right	24.58	/	/	26.28	/	/	<=33	Pass
DFT-s-OFDM QPSK	2501.01	Edge_1RB_Left	24.51	/	/	26.21	/	/	<=33	Pass
		Edge_1RB_Right	24.39	/	/	26.09	/	/	<=33	Pass
		Outer_Full	24.47	/	/	26.17	/	/	<=33	Pass
		Inner_Full	25.51	/	/	27.21	/	/	<=33	Pass
		Inner_1RB_Left	25.38	/	/	27.08	/	/	<=33	Pass
		Inner_1RB_Right	25.44	/	/	27.14	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.37	/	/	26.07	/	/	<=33	Pass
		Edge_1RB_Right	24.40	/	/	26.10	/	/	<=33	Pass
		Outer_Full	24.35	/	/	26.05	/	/	<=33	Pass
		Inner_Full	25.41	/	/	27.11	/	/	<=33	Pass
		Inner_1RB_Left	25.29	/	/	26.99	/	/	<=33	Pass
		Inner_1RB_Right	25.33	/	/	27.03	/	/	<=33	Pass
	2685	Edge_1RB_Left	23.76	/	/	25.46	/	/	<=33	Pass
		Edge_1RB_Right	23.68	/	/	25.38	/	/	<=33	Pass
		Outer_Full	23.76	/	/	25.46	/	/	<=33	Pass
		Inner_Full	24.61	/	/	26.31	/	/	<=33	Pass
		Inner_1RB_Left	24.65	/	/	26.35	/	/	<=33	Pass
		Inner_1RB_Right	24.67	/	/	26.37	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2501.01	Edge_1RB_Left	23.50	/	/	25.20	/	/	<=33	Pass
		Edge_1RB_Right	23.35	/	/	25.05	/	/	<=33	Pass
		Outer_Full	23.56	/	/	25.26	/	/	<=33	Pass
		Inner_Full	24.59	/	/	26.29	/	/	<=33	Pass
		Inner_1RB_Left	24.50	/	/	26.20	/	/	<=33	Pass



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	2592.99	Inner_1RB_Right	24.50	/	/	26.20	/	/	<=33	Pass
		Edge_1RB_Left	23.18	/	/	24.88	/	/	<=33	Pass
		Edge_1RB_Right	23.21	/	/	24.91	/	/	<=33	Pass
		Outer_Full	23.51	/	/	25.21	/	/	<=33	Pass
		Inner_Full	24.36	/	/	26.06	/	/	<=33	Pass
		Inner_1RB_Left	24.24	/	/	25.94	/	/	<=33	Pass
		Inner_1RB_Right	24.25	/	/	25.95	/	/	<=33	Pass
	2685	Edge_1RB_Left	22.93	/	/	24.63	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	24.47	/	/	<=33	Pass
		Outer_Full	22.96	/	/	24.66	/	/	<=33	Pass
		Inner_Full	23.69	/	/	25.39	/	/	<=33	Pass
		Inner_1RB_Left	23.51	/	/	25.21	/	/	<=33	Pass
		Inner_1RB_Right	23.61	/	/	25.31	/	/	<=33	Pass
		Edge_1RB_Left	23.26	/	/	24.96	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2501.01	Edge_1RB_Right	23.24	/	/	24.94	/	/	<=33	Pass
		Outer_Full	23.19	/	/	24.89	/	/	<=33	Pass
		Inner_Full	23.18	/	/	24.88	/	/	<=33	Pass
		Inner_1RB_Left	23.27	/	/	24.97	/	/	<=33	Pass
		Inner_1RB_Right	23.15	/	/	24.85	/	/	<=33	Pass
		Edge_1RB_Left	23.10	/	/	24.80	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	24.60	/	/	<=33	Pass
	2592.99	Outer_Full	22.93	/	/	24.63	/	/	<=33	Pass
		Inner_Full	23.02	/	/	24.72	/	/	<=33	Pass
		Inner_1RB_Left	22.94	/	/	24.64	/	/	<=33	Pass
		Inner_1RB_Right	23.05	/	/	24.75	/	/	<=33	Pass
		Edge_1RB_Left	22.27	/	/	23.97	/	/	<=33	Pass
		Edge_1RB_Right	22.36	/	/	24.06	/	/	<=33	Pass
		Outer_Full	22.57	/	/	24.27	/	/	<=33	Pass
2685	Inner_Full	22.40	/	/	24.10	/	/	<=33	Pass	
	Inner_1RB_Left	22.53	/	/	24.23	/	/	<=33	Pass	
	Inner_1RB_Right	22.49	/	/	24.19	/	/	<=33	Pass	
	Edge_1RB_Left	21.19	/	/	22.89	/	/	<=33	Pass	
	Edge_1RB_Right	21.20	/	/	22.90	/	/	<=33	Pass	
	Outer_Full	21.21	/	/	22.91	/	/	<=33	Pass	
	Inner_Full	21.40	/	/	23.10	/	/	<=33	Pass	
DFT-s-OFDM 256 QAM	2501.01	Inner_1RB_Left	21.19	/	/	22.89	/	/	<=33	Pass
		Inner_1RB_Right	21.27	/	/	22.97	/	/	<=33	Pass
		Edge_1RB_Left	20.92	/	/	22.62	/	/	<=33	Pass
		Edge_1RB_Right	20.93	/	/	22.63	/	/	<=33	Pass
		Outer_Full	20.94	/	/	22.64	/	/	<=33	Pass
		Inner_Full	21.03	/	/	22.73	/	/	<=33	Pass
		Inner_1RB_Left	20.91	/	/	22.61	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	20.87	/	/	22.57	/	/	<=33	Pass
		Edge_1RB_Left	20.53	/	/	22.23	/	/	<=33	Pass
		Edge_1RB_Right	20.51	/	/	22.21	/	/	<=33	Pass
		Outer_Full	20.54	/	/	22.24	/	/	<=33	Pass
		Inner_Full	20.79	/	/	22.49	/	/	<=33	Pass
		Inner_1RB_Left	20.53	/	/	22.23	/	/	<=33	Pass
		Inner_1RB_Right	20.59	/	/	22.29	/	/	<=33	Pass



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Table with columns for test parameters (e.g., Edge_1RB_Left, Edge_1RB_Right, Outer_Full, Inner_Full, Inner_1RB_Left, Inner_1RB_Right), values, and pass/fail status. Rows are grouped by modulation type (CP-OFDM QPSK, CP-OFDM 16 QAM, CP-OFDM 64 QAM) and frequency (2501.01, 2592.99, 2685).



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Report No.: SEWM2311000456RG02

Rev.: 01

Page: 33 of 1245

CP-OFDM 256 QAM		Edge_1RB_Right	21.39	/	/	23.09	/	/	<=33	Pass	
		Outer_Full	21.51	/	/	23.21	/	/	<=33	Pass	
		Inner_Full	21.64	/	/	23.34	/	/	<=33	Pass	
		Inner_1RB_Left	21.37	/	/	23.07	/	/	<=33	Pass	
		Inner_1RB_Right	21.38	/	/	23.08	/	/	<=33	Pass	
	2501.01	Edge_1RB_Left	19.45	/	/	21.15	/	/	<=33	Pass	
		Edge_1RB_Right	19.51	/	/	21.21	/	/	<=33	Pass	
		Outer_Full	19.24	/	/	20.94	/	/	<=33	Pass	
		Inner_Full	19.36	/	/	21.06	/	/	<=33	Pass	
		Inner_1RB_Left	19.49	/	/	21.19	/	/	<=33	Pass	
		Inner_1RB_Right	19.49	/	/	21.19	/	/	<=33	Pass	
		2592.99	Edge_1RB_Left	19.03	/	/	20.73	/	/	<=33	Pass
			Edge_1RB_Right	19.07	/	/	20.77	/	/	<=33	Pass
			Outer_Full	18.90	/	/	20.60	/	/	<=33	Pass
			Inner_Full	18.95	/	/	20.65	/	/	<=33	Pass
	Inner_1RB_Left		19.11	/	/	20.81	/	/	<=33	Pass	
	2685	Inner_1RB_Right	19.08	/	/	20.78	/	/	<=33	Pass	
		Edge_1RB_Left	18.70	/	/	20.40	/	/	<=33	Pass	
		Edge_1RB_Right	18.87	/	/	20.57	/	/	<=33	Pass	
		Outer_Full	18.69	/	/	20.39	/	/	<=33	Pass	
		Inner_Full	18.67	/	/	20.37	/	/	<=33	Pass	
		Inner_1RB_Left	18.73	/	/	20.43	/	/	<=33	Pass	
		Inner_1RB_Right	18.80	/	/	20.50	/	/	<=33	Pass	

Note1: Antenna Gain: Ant1: 1.70dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.9 30k_SISO_15MHz_NTNV_EIRP

1.9.1 Test Result

5G NR n41 SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2503.5	Edge_1RB_Left	24.67	/	/	26.37	/	/	<=33	Pass
		Edge_1RB_Right	24.57	/	/	26.27	/	/	<=33	Pass
		Outer_Full	24.61	/	/	26.31	/	/	<=33	Pass
		Inner_Full	25.64	/	/	27.34	/	/	<=33	Pass
		Inner_1RB_Left	25.57	/	/	27.27	/	/	<=33	Pass
		Inner_1RB_Right	25.57	/	/	27.27	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.79	/	/	26.49	/	/	<=33	Pass
		Edge_1RB_Right	24.76	/	/	26.46	/	/	<=33	Pass
		Outer_Full	24.94	/	/	26.64	/	/	<=33	Pass
		Inner_Full	25.35	/	/	27.05	/	/	<=33	Pass
		Inner_1RB_Left	25.24	/	/	26.94	/	/	<=33	Pass
		Inner_1RB_Right	25.28	/	/	26.98	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	24.41	/	/	26.11	/	/	<=33	Pass
		Edge_1RB_Right	24.38	/	/	26.08	/	/	<=33	Pass
		Outer_Full	24.51	/	/	26.21	/	/	<=33	Pass
		Inner_Full	24.93	/	/	26.63	/	/	<=33	Pass
		Inner_1RB_Left	24.87	/	/	26.57	/	/	<=33	Pass
		Inner_1RB_Right	24.79	/	/	26.49	/	/	<=33	Pass
DFT-s-OFDM QPSK	2503.5	Edge_1RB_Left	24.53	/	/	26.23	/	/	<=33	Pass
		Edge_1RB_Right	24.62	/	/	26.32	/	/	<=33	Pass
		Outer_Full	24.57	/	/	26.27	/	/	<=33	Pass
		Inner_Full	25.58	/	/	27.28	/	/	<=33	Pass
		Inner_1RB_Left	25.48	/	/	27.18	/	/	<=33	Pass
		Inner_1RB_Right	25.54	/	/	27.24	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.30	/	/	26.00	/	/	<=33	Pass
		Edge_1RB_Right	24.38	/	/	26.08	/	/	<=33	Pass
		Outer_Full	24.39	/	/	26.09	/	/	<=33	Pass
		Inner_Full	25.46	/	/	27.16	/	/	<=33	Pass
		Inner_1RB_Left	25.37	/	/	27.07	/	/	<=33	Pass
		Inner_1RB_Right	25.28	/	/	26.98	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	24.06	/	/	25.76	/	/	<=33	Pass
		Edge_1RB_Right	24.05	/	/	25.75	/	/	<=33	Pass
		Outer_Full	23.99	/	/	25.69	/	/	<=33	Pass
		Inner_Full	24.95	/	/	26.65	/	/	<=33	Pass
		Inner_1RB_Left	24.81	/	/	26.51	/	/	<=33	Pass
		Inner_1RB_Right	24.80	/	/	26.50	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2503.5	Edge_1RB_Left	23.51	/	/	25.21	/	/	<=33	Pass
		Edge_1RB_Right	23.52	/	/	25.22	/	/	<=33	Pass
		Outer_Full	23.72	/	/	25.42	/	/	<=33	Pass
		Inner_Full	24.59	/	/	26.29	/	/	<=33	Pass
		Inner_1RB_Left	24.32	/	/	26.02	/	/	<=33	Pass



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	2592.99	Inner_1RB_Right	24.24	/	/	25.94	/	/	<=33	Pass	
		Edge_1RB_Left	23.25	/	/	24.95	/	/	<=33	Pass	
		Edge_1RB_Right	23.23	/	/	24.93	/	/	<=33	Pass	
		Outer_Full	23.46	/	/	25.16	/	/	<=33	Pass	
		Inner_Full	24.36	/	/	26.06	/	/	<=33	Pass	
		Inner_1RB_Left	24.04	/	/	25.74	/	/	<=33	Pass	
	2682.48	Inner_1RB_Right	24.05	/	/	25.75	/	/	<=33	Pass	
		Edge_1RB_Left	22.89	/	/	24.59	/	/	<=33	Pass	
		Edge_1RB_Right	23.02	/	/	24.72	/	/	<=33	Pass	
		Outer_Full	23.08	/	/	24.78	/	/	<=33	Pass	
		Inner_Full	24.02	/	/	25.72	/	/	<=33	Pass	
		Inner_1RB_Left	23.85	/	/	25.55	/	/	<=33	Pass	
	DFT-s-OFDM 64 QAM	2503.5	Inner_1RB_Right	23.83	/	/	25.53	/	/	<=33	Pass
			Edge_1RB_Left	23.53	/	/	25.23	/	/	<=33	Pass
Edge_1RB_Right			23.42	/	/	25.12	/	/	<=33	Pass	
Outer_Full			23.19	/	/	24.89	/	/	<=33	Pass	
Inner_Full			23.24	/	/	24.94	/	/	<=33	Pass	
Inner_1RB_Left			23.21	/	/	24.91	/	/	<=33	Pass	
2592.99		Inner_1RB_Right	23.35	/	/	25.05	/	/	<=33	Pass	
		Edge_1RB_Left	23.16	/	/	24.86	/	/	<=33	Pass	
		Edge_1RB_Right	23.28	/	/	24.98	/	/	<=33	Pass	
		Outer_Full	22.90	/	/	24.60	/	/	<=33	Pass	
		Inner_Full	22.89	/	/	24.59	/	/	<=33	Pass	
		Inner_1RB_Left	22.97	/	/	24.67	/	/	<=33	Pass	
2682.48		Inner_1RB_Right	22.94	/	/	24.64	/	/	<=33	Pass	
		Edge_1RB_Left	22.65	/	/	24.35	/	/	<=33	Pass	
		Edge_1RB_Right	22.82	/	/	24.52	/	/	<=33	Pass	
		Outer_Full	22.60	/	/	24.30	/	/	<=33	Pass	
		Inner_Full	22.64	/	/	24.34	/	/	<=33	Pass	
		Inner_1RB_Left	22.87	/	/	24.57	/	/	<=33	Pass	
DFT-s-OFDM 256 QAM	2503.5	Inner_1RB_Right	22.69	/	/	24.39	/	/	<=33	Pass	
		Edge_1RB_Left	21.27	/	/	22.97	/	/	<=33	Pass	
		Edge_1RB_Right	21.32	/	/	23.02	/	/	<=33	Pass	
		Outer_Full	21.32	/	/	23.02	/	/	<=33	Pass	
		Inner_Full	21.38	/	/	23.08	/	/	<=33	Pass	
		Inner_1RB_Left	21.34	/	/	23.04	/	/	<=33	Pass	
	2592.99	Inner_1RB_Right	21.24	/	/	22.94	/	/	<=33	Pass	
		Edge_1RB_Left	20.99	/	/	22.69	/	/	<=33	Pass	
		Edge_1RB_Right	20.98	/	/	22.68	/	/	<=33	Pass	
		Outer_Full	20.95	/	/	22.65	/	/	<=33	Pass	
		Inner_Full	20.97	/	/	22.67	/	/	<=33	Pass	
		Inner_1RB_Left	20.94	/	/	22.64	/	/	<=33	Pass	
2682.48	Inner_1RB_Right	20.94	/	/	22.64	/	/	<=33	Pass		
	Edge_1RB_Left	20.67	/	/	22.37	/	/	<=33	Pass		
	Edge_1RB_Right	20.88	/	/	22.58	/	/	<=33	Pass		
	Outer_Full	20.75	/	/	22.45	/	/	<=33	Pass		
	Inner_Full	20.81	/	/	22.51	/	/	<=33	Pass		
	Inner_1RB_Left	20.67	/	/	22.37	/	/	<=33	Pass		
		Inner_1RB_Right	20.82	/	/	22.52	/	/	<=33	Pass	



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CP-OFDM QPSK	2503.5	Edge_1RB_Left	22.43	/	/	24.13	/	/	<=33	Pass
		Edge_1RB_Right	22.36	/	/	24.06	/	/	<=33	Pass
		Outer_Full	22.66	/	/	24.36	/	/	<=33	Pass
		Inner_Full	24.02	/	/	25.72	/	/	<=33	Pass
		Inner_1RB_Left	23.93	/	/	25.63	/	/	<=33	Pass
		Inner_1RB_Right	23.88	/	/	25.58	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.26	/	/	23.96	/	/	<=33	Pass
		Edge_1RB_Right	22.24	/	/	23.94	/	/	<=33	Pass
		Outer_Full	22.42	/	/	24.12	/	/	<=33	Pass
		Inner_Full	23.70	/	/	25.40	/	/	<=33	Pass
		Inner_1RB_Left	23.70	/	/	25.40	/	/	<=33	Pass
		Inner_1RB_Right	23.61	/	/	25.31	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	21.88	/	/	23.58	/	/	<=33	Pass
		Edge_1RB_Right	21.81	/	/	23.51	/	/	<=33	Pass
		Outer_Full	22.07	/	/	23.77	/	/	<=33	Pass
		Inner_Full	23.54	/	/	25.24	/	/	<=33	Pass
		Inner_1RB_Left	23.30	/	/	25.00	/	/	<=33	Pass
		Inner_1RB_Right	23.32	/	/	25.02	/	/	<=33	Pass
CP-OFDM 16 QAM	2503.5	Edge_1RB_Left	22.44	/	/	24.14	/	/	<=33	Pass
		Edge_1RB_Right	22.60	/	/	24.30	/	/	<=33	Pass
		Outer_Full	22.67	/	/	24.37	/	/	<=33	Pass
		Inner_Full	23.63	/	/	25.33	/	/	<=33	Pass
		Inner_1RB_Left	23.39	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Right	23.45	/	/	25.15	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.19	/	/	23.89	/	/	<=33	Pass
		Edge_1RB_Right	22.18	/	/	23.88	/	/	<=33	Pass
		Outer_Full	22.48	/	/	24.18	/	/	<=33	Pass
		Inner_Full	23.51	/	/	25.21	/	/	<=33	Pass
		Inner_1RB_Left	23.32	/	/	25.02	/	/	<=33	Pass
		Inner_1RB_Right	23.27	/	/	24.97	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	22.16	/	/	23.86	/	/	<=33	Pass
		Edge_1RB_Right	22.19	/	/	23.89	/	/	<=33	Pass
		Outer_Full	22.12	/	/	23.82	/	/	<=33	Pass
		Inner_Full	23.13	/	/	24.83	/	/	<=33	Pass
		Inner_1RB_Left	22.90	/	/	24.60	/	/	<=33	Pass
		Inner_1RB_Right	22.99	/	/	24.69	/	/	<=33	Pass
CP-OFDM 64 QAM	2503.5	Edge_1RB_Left	22.54	/	/	24.24	/	/	<=33	Pass
		Edge_1RB_Right	22.42	/	/	24.12	/	/	<=33	Pass
		Outer_Full	22.16	/	/	23.86	/	/	<=33	Pass
		Inner_Full	22.25	/	/	23.95	/	/	<=33	Pass
		Inner_1RB_Left	22.21	/	/	23.91	/	/	<=33	Pass
		Inner_1RB_Right	22.13	/	/	23.83	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.09	/	/	23.79	/	/	<=33	Pass
		Edge_1RB_Right	21.91	/	/	23.61	/	/	<=33	Pass
		Outer_Full	21.97	/	/	23.67	/	/	<=33	Pass
		Inner_Full	21.93	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Left	21.93	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Right	22.31	/	/	24.01	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	21.66	/	/	23.36	/	/	<=33	Pass



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Report No.: SEWM2311000456RG02

Rev.: 01

Page: 37 of 1245

CP-OFDM 256 QAM		Edge_1RB_Right	22.10	/	/	23.80	/	/	<=33	Pass	
		Outer_Full	21.66	/	/	23.36	/	/	<=33	Pass	
		Inner_Full	21.65	/	/	23.35	/	/	<=33	Pass	
		Inner_1RB_Left	22.02	/	/	23.72	/	/	<=33	Pass	
		Inner_1RB_Right	21.97	/	/	23.67	/	/	<=33	Pass	
	2503.5	Edge_1RB_Left	19.49	/	/	21.19	/	/	<=33	Pass	
		Edge_1RB_Right	19.44	/	/	21.14	/	/	<=33	Pass	
		Outer_Full	19.39	/	/	21.09	/	/	<=33	Pass	
		Inner_Full	19.46	/	/	21.16	/	/	<=33	Pass	
		Inner_1RB_Left	19.49	/	/	21.19	/	/	<=33	Pass	
		Inner_1RB_Right	19.50	/	/	21.20	/	/	<=33	Pass	
		2592.99	Edge_1RB_Left	19.13	/	/	20.83	/	/	<=33	Pass
			Edge_1RB_Right	19.09	/	/	20.79	/	/	<=33	Pass
			Outer_Full	19.00	/	/	20.70	/	/	<=33	Pass
	Inner_Full		19.08	/	/	20.78	/	/	<=33	Pass	
	Inner_1RB_Left		19.12	/	/	20.82	/	/	<=33	Pass	
	2682.48	Inner_1RB_Right	19.03	/	/	20.73	/	/	<=33	Pass	
		Edge_1RB_Left	18.89	/	/	20.59	/	/	<=33	Pass	
		Edge_1RB_Right	19.04	/	/	20.74	/	/	<=33	Pass	
		Outer_Full	18.82	/	/	20.52	/	/	<=33	Pass	
		Inner_Full	18.91	/	/	20.61	/	/	<=33	Pass	
		Inner_1RB_Left	18.90	/	/	20.60	/	/	<=33	Pass	
		Inner_1RB_Right	18.96	/	/	20.66	/	/	<=33	Pass	

Note1: Antenna Gain: Ant1: 1.70dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.10 30k_SISO_20MHz_NTNV_EIRP

1.10.1 Test Result

5G NR n41 SCS=30kHz SISO 20MHz 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	2506.02	Edge_1RB_Left	24.84	/	/	26.54	/	/	<=33	Pass
		Edge_1RB_Right	24.87	/	/	26.57	/	/	<=33	Pass
		Outer_Full	24.91	/	/	26.61	/	/	<=33	Pass
		Inner_Full	25.48	/	/	27.18	/	/	<=33	Pass
		Inner_1RB_Left	25.31	/	/	27.01	/	/	<=33	Pass
		Inner_1RB_Right	25.31	/	/	27.01	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.80	/	/	26.50	/	/	<=33	Pass
		Edge_1RB_Right	24.82	/	/	26.52	/	/	<=33	Pass
		Outer_Full	24.88	/	/	26.58	/	/	<=33	Pass
		Inner_Full	25.41	/	/	27.11	/	/	<=33	Pass
		Inner_1RB_Left	25.25	/	/	26.95	/	/	<=33	Pass
		Inner_1RB_Right	25.20	/	/	26.90	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	24.34	/	/	26.04	/	/	<=33	Pass
		Edge_1RB_Right	24.38	/	/	26.08	/	/	<=33	Pass
		Outer_Full	24.52	/	/	26.22	/	/	<=33	Pass
		Inner_Full	24.82	/	/	26.52	/	/	<=33	Pass
		Inner_1RB_Left	24.82	/	/	26.52	/	/	<=33	Pass
		Inner_1RB_Right	24.80	/	/	26.50	/	/	<=33	Pass
DFT-s-OFDM QPSK	2506.02	Edge_1RB_Left	24.38	/	/	26.08	/	/	<=33	Pass
		Edge_1RB_Right	24.45	/	/	26.15	/	/	<=33	Pass
		Outer_Full	24.50	/	/	26.20	/	/	<=33	Pass
		Inner_Full	25.36	/	/	27.06	/	/	<=33	Pass
		Inner_1RB_Left	25.32	/	/	27.02	/	/	<=33	Pass
		Inner_1RB_Right	25.48	/	/	27.18	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.37	/	/	26.07	/	/	<=33	Pass
		Edge_1RB_Right	24.25	/	/	25.95	/	/	<=33	Pass
		Outer_Full	24.39	/	/	26.09	/	/	<=33	Pass
		Inner_Full	25.44	/	/	27.14	/	/	<=33	Pass
		Inner_1RB_Left	25.32	/	/	27.02	/	/	<=33	Pass
		Inner_1RB_Right	25.27	/	/	26.97	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	23.93	/	/	25.63	/	/	<=33	Pass
		Edge_1RB_Right	23.96	/	/	25.66	/	/	<=33	Pass
		Outer_Full	24.00	/	/	25.70	/	/	<=33	Pass
		Inner_Full	24.92	/	/	26.62	/	/	<=33	Pass
		Inner_1RB_Left	24.85	/	/	26.55	/	/	<=33	Pass
		Inner_1RB_Right	24.79	/	/	26.49	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2506.02	Edge_1RB_Left	23.46	/	/	25.16	/	/	<=33	Pass
		Edge_1RB_Right	23.46	/	/	25.16	/	/	<=33	Pass
		Outer_Full	23.48	/	/	25.18	/	/	<=33	Pass
		Inner_Full	24.52	/	/	26.22	/	/	<=33	Pass
		Inner_1RB_Left	24.34	/	/	26.04	/	/	<=33	Pass



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	2592.99	Inner_1RB_Right	24.38	/	/	26.08	/	/	<=33	Pass	
		Edge_1RB_Left	23.45	/	/	25.15	/	/	<=33	Pass	
		Edge_1RB_Right	23.13	/	/	24.83	/	/	<=33	Pass	
		Outer_Full	23.46	/	/	25.16	/	/	<=33	Pass	
		Inner_Full	24.40	/	/	26.10	/	/	<=33	Pass	
		Inner_1RB_Left	24.05	/	/	25.75	/	/	<=33	Pass	
	2679.99	Inner_1RB_Right	24.02	/	/	25.72	/	/	<=33	Pass	
		Edge_1RB_Left	23.04	/	/	24.74	/	/	<=33	Pass	
		Edge_1RB_Right	23.00	/	/	24.70	/	/	<=33	Pass	
		Outer_Full	22.97	/	/	24.67	/	/	<=33	Pass	
		Inner_Full	23.94	/	/	25.64	/	/	<=33	Pass	
		Inner_1RB_Left	23.77	/	/	25.47	/	/	<=33	Pass	
	DFT-s-OFDM 64 QAM	2506.02	Inner_1RB_Right	23.87	/	/	25.57	/	/	<=33	Pass
			Edge_1RB_Left	22.99	/	/	24.69	/	/	<=33	Pass
Edge_1RB_Right			23.04	/	/	24.74	/	/	<=33	Pass	
Outer_Full			22.91	/	/	24.61	/	/	<=33	Pass	
Inner_Full			22.95	/	/	24.65	/	/	<=33	Pass	
Inner_1RB_Left			23.00	/	/	24.70	/	/	<=33	Pass	
2592.99		Inner_1RB_Right	22.91	/	/	24.61	/	/	<=33	Pass	
		Edge_1RB_Left	23.04	/	/	24.74	/	/	<=33	Pass	
		Edge_1RB_Right	22.92	/	/	24.62	/	/	<=33	Pass	
		Outer_Full	22.92	/	/	24.62	/	/	<=33	Pass	
		Inner_Full	22.97	/	/	24.67	/	/	<=33	Pass	
		Inner_1RB_Left	22.89	/	/	24.59	/	/	<=33	Pass	
2679.99		Inner_1RB_Right	22.82	/	/	24.52	/	/	<=33	Pass	
		Edge_1RB_Left	22.68	/	/	24.38	/	/	<=33	Pass	
	Edge_1RB_Right	22.69	/	/	24.39	/	/	<=33	Pass		
	Outer_Full	22.57	/	/	24.27	/	/	<=33	Pass		
	Inner_Full	22.57	/	/	24.27	/	/	<=33	Pass		
	Inner_1RB_Left	22.61	/	/	24.31	/	/	<=33	Pass		
DFT-s-OFDM 256 QAM	2506.02	Inner_1RB_Right	22.66	/	/	24.36	/	/	<=33	Pass	
		Edge_1RB_Left	21.15	/	/	22.85	/	/	<=33	Pass	
		Edge_1RB_Right	21.13	/	/	22.83	/	/	<=33	Pass	
		Outer_Full	21.14	/	/	22.84	/	/	<=33	Pass	
		Inner_Full	21.19	/	/	22.89	/	/	<=33	Pass	
		Inner_1RB_Left	21.16	/	/	22.86	/	/	<=33	Pass	
	2592.99	Inner_1RB_Right	21.14	/	/	22.84	/	/	<=33	Pass	
		Edge_1RB_Left	21.01	/	/	22.71	/	/	<=33	Pass	
		Edge_1RB_Right	20.88	/	/	22.58	/	/	<=33	Pass	
		Outer_Full	20.96	/	/	22.66	/	/	<=33	Pass	
		Inner_Full	21.02	/	/	22.72	/	/	<=33	Pass	
		Inner_1RB_Left	20.94	/	/	22.64	/	/	<=33	Pass	
	2679.99	Inner_1RB_Right	20.90	/	/	22.60	/	/	<=33	Pass	
		Edge_1RB_Left	20.62	/	/	22.32	/	/	<=33	Pass	
Edge_1RB_Right		20.76	/	/	22.46	/	/	<=33	Pass		
Outer_Full		20.68	/	/	22.38	/	/	<=33	Pass		
Inner_Full		20.77	/	/	22.47	/	/	<=33	Pass		
Inner_1RB_Left		20.64	/	/	22.34	/	/	<=33	Pass		
		Inner_1RB_Right	20.67	/	/	22.37	/	/	<=33	Pass	



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CP-OFDM QPSK	2506.02	Edge_1RB_Left	22.22	/	/	23.92	/	/	<=33	Pass
		Edge_1RB_Right	22.31	/	/	24.01	/	/	<=33	Pass
		Outer_Full	22.51	/	/	24.21	/	/	<=33	Pass
		Inner_Full	23.98	/	/	25.68	/	/	<=33	Pass
		Inner_1RB_Left	23.87	/	/	25.57	/	/	<=33	Pass
		Inner_1RB_Right	23.79	/	/	25.49	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.28	/	/	23.98	/	/	<=33	Pass
		Edge_1RB_Right	22.41	/	/	24.11	/	/	<=33	Pass
		Outer_Full	22.35	/	/	24.05	/	/	<=33	Pass
		Inner_Full	23.87	/	/	25.57	/	/	<=33	Pass
		Inner_1RB_Left	23.75	/	/	25.45	/	/	<=33	Pass
		Inner_1RB_Right	23.83	/	/	25.53	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	21.95	/	/	23.65	/	/	<=33	Pass
		Edge_1RB_Right	21.97	/	/	23.67	/	/	<=33	Pass
		Outer_Full	22.05	/	/	23.75	/	/	<=33	Pass
		Inner_Full	23.52	/	/	25.22	/	/	<=33	Pass
		Inner_1RB_Left	23.38	/	/	25.08	/	/	<=33	Pass
		Inner_1RB_Right	23.34	/	/	25.04	/	/	<=33	Pass
CP-OFDM 16 QAM	2506.02	Edge_1RB_Left	22.25	/	/	23.95	/	/	<=33	Pass
		Edge_1RB_Right	22.40	/	/	24.10	/	/	<=33	Pass
		Outer_Full	22.50	/	/	24.20	/	/	<=33	Pass
		Inner_Full	23.52	/	/	25.22	/	/	<=33	Pass
		Inner_1RB_Left	23.40	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Right	23.36	/	/	25.06	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.45	/	/	24.15	/	/	<=33	Pass
		Edge_1RB_Right	22.40	/	/	24.10	/	/	<=33	Pass
		Outer_Full	22.40	/	/	24.10	/	/	<=33	Pass
		Inner_Full	23.39	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Left	23.31	/	/	25.01	/	/	<=33	Pass
		Inner_1RB_Right	23.15	/	/	24.85	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	22.05	/	/	23.75	/	/	<=33	Pass
		Edge_1RB_Right	21.97	/	/	23.67	/	/	<=33	Pass
		Outer_Full	22.03	/	/	23.73	/	/	<=33	Pass
		Inner_Full	23.02	/	/	24.72	/	/	<=33	Pass
		Inner_1RB_Left	22.69	/	/	24.39	/	/	<=33	Pass
		Inner_1RB_Right	22.79	/	/	24.49	/	/	<=33	Pass
CP-OFDM 64 QAM	2506.02	Edge_1RB_Left	22.42	/	/	24.12	/	/	<=33	Pass
		Edge_1RB_Right	22.49	/	/	24.19	/	/	<=33	Pass
		Outer_Full	22.13	/	/	23.83	/	/	<=33	Pass
		Inner_Full	22.10	/	/	23.80	/	/	<=33	Pass
		Inner_1RB_Left	22.35	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Right	22.40	/	/	24.10	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.95	/	/	23.65	/	/	<=33	Pass
		Edge_1RB_Right	22.04	/	/	23.74	/	/	<=33	Pass
		Outer_Full	21.96	/	/	23.66	/	/	<=33	Pass
		Inner_Full	22.11	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Left	22.43	/	/	24.13	/	/	<=33	Pass
		Inner_1RB_Right	22.43	/	/	24.13	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	21.62	/	/	23.32	/	/	<=33	Pass



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Report No.: SEWM2311000456RG02

Rev.: 01

Page: 41 of 1245

CP-OFDM 256 QAM		Edge_1RB_Right	21.97	/	/	23.67	/	/	<=33	Pass	
		Outer_Full	21.64	/	/	23.34	/	/	<=33	Pass	
		Inner_Full	21.76	/	/	23.46	/	/	<=33	Pass	
		Inner_1RB_Left	21.90	/	/	23.60	/	/	<=33	Pass	
		Inner_1RB_Right	21.92	/	/	23.62	/	/	<=33	Pass	
	2506.02	Edge_1RB_Left	19.33	/	/	21.03	/	/	<=33	Pass	
		Edge_1RB_Right	19.32	/	/	21.02	/	/	<=33	Pass	
		Outer_Full	19.22	/	/	20.92	/	/	<=33	Pass	
		Inner_Full	19.27	/	/	20.97	/	/	<=33	Pass	
		Inner_1RB_Left	19.33	/	/	21.03	/	/	<=33	Pass	
		Inner_1RB_Right	19.33	/	/	21.03	/	/	<=33	Pass	
		2592.99	Edge_1RB_Left	19.11	/	/	20.81	/	/	<=33	Pass
			Edge_1RB_Right	19.07	/	/	20.77	/	/	<=33	Pass
			Outer_Full	19.02	/	/	20.72	/	/	<=33	Pass
			Inner_Full	19.08	/	/	20.78	/	/	<=33	Pass
	Inner_1RB_Left		19.16	/	/	20.86	/	/	<=33	Pass	
	2679.99	Inner_1RB_Right	19.05	/	/	20.75	/	/	<=33	Pass	
		Edge_1RB_Left	18.84	/	/	20.54	/	/	<=33	Pass	
		Edge_1RB_Right	19.01	/	/	20.71	/	/	<=33	Pass	
		Outer_Full	18.84	/	/	20.54	/	/	<=33	Pass	
		Inner_Full	18.88	/	/	20.58	/	/	<=33	Pass	
		Inner_1RB_Left	18.88	/	/	20.58	/	/	<=33	Pass	
		Inner_1RB_Right	19.01	/	/	20.71	/	/	<=33	Pass	

Note1: Antenna Gain: Ant1: 1.70dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.11 30k_SISO_25MHz_NTNV_EIRP

1.11.1 Test Result

5G NR n41 SCS=30kHz SISO 25MHz 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	2508.51	Edge_1RB_Left	24.57	/	/	26.27	/	/	<=33	Pass
		Edge_1RB_Right	24.67	/	/	26.37	/	/	<=33	Pass
		Outer_Full	24.62	/	/	26.32	/	/	<=33	Pass
		Inner_Full	25.52	/	/	27.22	/	/	<=33	Pass
		Inner_1RB_Left	25.54	/	/	27.24	/	/	<=33	Pass
		Inner_1RB_Right	25.50	/	/	27.20	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.85	/	/	26.55	/	/	<=33	Pass
		Edge_1RB_Right	24.79	/	/	26.49	/	/	<=33	Pass
		Outer_Full	24.92	/	/	26.62	/	/	<=33	Pass
		Inner_Full	25.35	/	/	27.05	/	/	<=33	Pass
		Inner_1RB_Left	25.32	/	/	27.02	/	/	<=33	Pass
		Inner_1RB_Right	25.22	/	/	26.92	/	/	<=33	Pass
	2677.5	Edge_1RB_Left	24.27	/	/	25.97	/	/	<=33	Pass
		Edge_1RB_Right	24.34	/	/	26.04	/	/	<=33	Pass
		Outer_Full	24.45	/	/	26.15	/	/	<=33	Pass
		Inner_Full	24.91	/	/	26.61	/	/	<=33	Pass
		Inner_1RB_Left	24.71	/	/	26.41	/	/	<=33	Pass
		Inner_1RB_Right	24.81	/	/	26.51	/	/	<=33	Pass
DFT-s-OFDM QPSK	2508.51	Edge_1RB_Left	24.53	/	/	26.23	/	/	<=33	Pass
		Edge_1RB_Right	24.61	/	/	26.31	/	/	<=33	Pass
		Outer_Full	24.61	/	/	26.31	/	/	<=33	Pass
		Inner_Full	25.52	/	/	27.22	/	/	<=33	Pass
		Inner_1RB_Left	25.50	/	/	27.20	/	/	<=33	Pass
		Inner_1RB_Right	25.51	/	/	27.21	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.41	/	/	26.11	/	/	<=33	Pass
		Edge_1RB_Right	24.38	/	/	26.08	/	/	<=33	Pass
		Outer_Full	24.45	/	/	26.15	/	/	<=33	Pass
		Inner_Full	25.41	/	/	27.11	/	/	<=33	Pass
		Inner_1RB_Left	25.43	/	/	27.13	/	/	<=33	Pass
		Inner_1RB_Right	25.32	/	/	27.02	/	/	<=33	Pass
	2677.5	Edge_1RB_Left	23.84	/	/	25.54	/	/	<=33	Pass
		Edge_1RB_Right	24.02	/	/	25.72	/	/	<=33	Pass
		Outer_Full	23.98	/	/	25.68	/	/	<=33	Pass
		Inner_Full	24.88	/	/	26.58	/	/	<=33	Pass
		Inner_1RB_Left	24.74	/	/	26.44	/	/	<=33	Pass
		Inner_1RB_Right	24.85	/	/	26.55	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2508.51	Edge_1RB_Left	23.58	/	/	25.28	/	/	<=33	Pass
		Edge_1RB_Right	23.56	/	/	25.26	/	/	<=33	Pass
		Outer_Full	23.56	/	/	25.26	/	/	<=33	Pass
		Inner_Full	24.58	/	/	26.28	/	/	<=33	Pass
		Inner_1RB_Left	24.37	/	/	26.07	/	/	<=33	Pass



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	2592.99	Inner_1RB_Right	24.59	/	/	26.29	/	/	<=33	Pass	
		Edge_1RB_Left	23.15	/	/	24.85	/	/	<=33	Pass	
		Edge_1RB_Right	23.14	/	/	24.84	/	/	<=33	Pass	
		Outer_Full	23.37	/	/	25.07	/	/	<=33	Pass	
		Inner_Full	24.45	/	/	26.15	/	/	<=33	Pass	
		Inner_1RB_Left	24.13	/	/	25.83	/	/	<=33	Pass	
	2677.5	Inner_1RB_Right	24.07	/	/	25.77	/	/	<=33	Pass	
		Edge_1RB_Left	22.64	/	/	24.34	/	/	<=33	Pass	
		Edge_1RB_Right	22.97	/	/	24.67	/	/	<=33	Pass	
		Outer_Full	22.95	/	/	24.65	/	/	<=33	Pass	
		Inner_Full	23.96	/	/	25.66	/	/	<=33	Pass	
		Inner_1RB_Left	23.78	/	/	25.48	/	/	<=33	Pass	
	DFT-s-OFDM 64 QAM	2508.51	Inner_1RB_Right	23.92	/	/	25.62	/	/	<=33	Pass
			Edge_1RB_Left	23.15	/	/	24.85	/	/	<=33	Pass
Edge_1RB_Right			23.30	/	/	25.00	/	/	<=33	Pass	
Outer_Full			23.18	/	/	24.88	/	/	<=33	Pass	
Inner_Full			23.20	/	/	24.90	/	/	<=33	Pass	
Inner_1RB_Left			23.44	/	/	25.14	/	/	<=33	Pass	
2592.99		Inner_1RB_Right	23.32	/	/	25.02	/	/	<=33	Pass	
		Edge_1RB_Left	23.03	/	/	24.73	/	/	<=33	Pass	
		Edge_1RB_Right	23.11	/	/	24.81	/	/	<=33	Pass	
		Outer_Full	23.01	/	/	24.71	/	/	<=33	Pass	
		Inner_Full	23.06	/	/	24.76	/	/	<=33	Pass	
		Inner_1RB_Left	23.26	/	/	24.96	/	/	<=33	Pass	
2677.5		Inner_1RB_Right	23.11	/	/	24.81	/	/	<=33	Pass	
		Edge_1RB_Left	22.52	/	/	24.22	/	/	<=33	Pass	
	Edge_1RB_Right	22.70	/	/	24.40	/	/	<=33	Pass		
	Outer_Full	22.60	/	/	24.30	/	/	<=33	Pass		
	Inner_Full	22.65	/	/	24.35	/	/	<=33	Pass		
	Inner_1RB_Left	22.60	/	/	24.30	/	/	<=33	Pass		
DFT-s-OFDM 256 QAM	2508.51	Inner_1RB_Right	22.51	/	/	24.21	/	/	<=33	Pass	
		Edge_1RB_Left	21.17	/	/	22.87	/	/	<=33	Pass	
		Edge_1RB_Right	21.03	/	/	22.73	/	/	<=33	Pass	
		Outer_Full	21.17	/	/	22.87	/	/	<=33	Pass	
		Inner_Full	21.15	/	/	22.85	/	/	<=33	Pass	
		Inner_1RB_Left	21.14	/	/	22.84	/	/	<=33	Pass	
	2592.99	Inner_1RB_Right	21.11	/	/	22.81	/	/	<=33	Pass	
		Edge_1RB_Left	20.96	/	/	22.66	/	/	<=33	Pass	
		Edge_1RB_Right	20.88	/	/	22.58	/	/	<=33	Pass	
		Outer_Full	21.01	/	/	22.71	/	/	<=33	Pass	
		Inner_Full	20.99	/	/	22.69	/	/	<=33	Pass	
		Inner_1RB_Left	20.93	/	/	22.63	/	/	<=33	Pass	
	2677.5	Inner_1RB_Right	20.93	/	/	22.63	/	/	<=33	Pass	
		Edge_1RB_Left	20.57	/	/	22.27	/	/	<=33	Pass	
Edge_1RB_Right		20.71	/	/	22.41	/	/	<=33	Pass		
Outer_Full		20.63	/	/	22.33	/	/	<=33	Pass		
Inner_Full		20.60	/	/	22.30	/	/	<=33	Pass		
Inner_1RB_Left		20.52	/	/	22.22	/	/	<=33	Pass		
		Inner_1RB_Right	20.69	/	/	22.39	/	/	<=33	Pass	



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CP-OFDM QPSK	2508.51	Edge_1RB_Left	22.43	/	/	24.13	/	/	<=33	Pass
		Edge_1RB_Right	22.47	/	/	24.17	/	/	<=33	Pass
		Outer_Full	22.70	/	/	24.40	/	/	<=33	Pass
		Inner_Full	24.08	/	/	25.78	/	/	<=33	Pass
		Inner_1RB_Left	24.02	/	/	25.72	/	/	<=33	Pass
		Inner_1RB_Right	23.81	/	/	25.51	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.19	/	/	23.89	/	/	<=33	Pass
		Edge_1RB_Right	22.21	/	/	23.91	/	/	<=33	Pass
		Outer_Full	22.47	/	/	24.17	/	/	<=33	Pass
		Inner_Full	23.95	/	/	25.65	/	/	<=33	Pass
		Inner_1RB_Left	23.86	/	/	25.56	/	/	<=33	Pass
		Inner_1RB_Right	23.85	/	/	25.55	/	/	<=33	Pass
	2677.5	Edge_1RB_Left	21.63	/	/	23.33	/	/	<=33	Pass
		Edge_1RB_Right	21.89	/	/	23.59	/	/	<=33	Pass
		Outer_Full	22.06	/	/	23.76	/	/	<=33	Pass
		Inner_Full	23.46	/	/	25.16	/	/	<=33	Pass
		Inner_1RB_Left	23.31	/	/	25.01	/	/	<=33	Pass
		Inner_1RB_Right	23.42	/	/	25.12	/	/	<=33	Pass
CP-OFDM 16 QAM	2508.51	Edge_1RB_Left	22.61	/	/	24.31	/	/	<=33	Pass
		Edge_1RB_Right	22.47	/	/	24.17	/	/	<=33	Pass
		Outer_Full	22.65	/	/	24.35	/	/	<=33	Pass
		Inner_Full	23.59	/	/	25.29	/	/	<=33	Pass
		Inner_1RB_Left	23.33	/	/	25.03	/	/	<=33	Pass
		Inner_1RB_Right	23.45	/	/	25.15	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.48	/	/	24.18	/	/	<=33	Pass
		Edge_1RB_Right	22.29	/	/	23.99	/	/	<=33	Pass
		Outer_Full	22.45	/	/	24.15	/	/	<=33	Pass
		Inner_Full	23.40	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Left	23.28	/	/	24.98	/	/	<=33	Pass
		Inner_1RB_Right	23.11	/	/	24.81	/	/	<=33	Pass
	2677.5	Edge_1RB_Left	22.02	/	/	23.72	/	/	<=33	Pass
		Edge_1RB_Right	22.23	/	/	23.93	/	/	<=33	Pass
		Outer_Full	22.09	/	/	23.79	/	/	<=33	Pass
		Inner_Full	23.02	/	/	24.72	/	/	<=33	Pass
		Inner_1RB_Left	22.79	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Right	23.10	/	/	24.80	/	/	<=33	Pass
CP-OFDM 64 QAM	2508.51	Edge_1RB_Left	22.64	/	/	24.34	/	/	<=33	Pass
		Edge_1RB_Right	22.58	/	/	24.28	/	/	<=33	Pass
		Outer_Full	22.19	/	/	23.89	/	/	<=33	Pass
		Inner_Full	22.15	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Left	22.27	/	/	23.97	/	/	<=33	Pass
		Inner_1RB_Right	22.16	/	/	23.86	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.03	/	/	23.73	/	/	<=33	Pass
		Edge_1RB_Right	21.79	/	/	23.49	/	/	<=33	Pass
		Outer_Full	22.02	/	/	23.72	/	/	<=33	Pass
		Inner_Full	22.03	/	/	23.73	/	/	<=33	Pass
		Inner_1RB_Left	22.42	/	/	24.12	/	/	<=33	Pass
		Inner_1RB_Right	22.41	/	/	24.11	/	/	<=33	Pass
	2677.5	Edge_1RB_Left	21.51	/	/	23.21	/	/	<=33	Pass



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Report No.: SEWM2311000456RG02

Rev.: 01

Page: 45 of 1245

CP-OFDM 256 QAM		Edge_1RB_Right	21.65	/	/	23.35	/	/	<=33	Pass	
		Outer_Full	21.56	/	/	23.26	/	/	<=33	Pass	
		Inner_Full	21.65	/	/	23.35	/	/	<=33	Pass	
		Inner_1RB_Left	21.46	/	/	23.16	/	/	<=33	Pass	
		Inner_1RB_Right	21.50	/	/	23.20	/	/	<=33	Pass	
	2508.51	Edge_1RB_Left	19.39	/	/	21.09	/	/	<=33	Pass	
		Edge_1RB_Right	19.22	/	/	20.92	/	/	<=33	Pass	
		Outer_Full	19.30	/	/	21.00	/	/	<=33	Pass	
		Inner_Full	19.24	/	/	20.94	/	/	<=33	Pass	
		Inner_1RB_Left	19.34	/	/	21.04	/	/	<=33	Pass	
	2592.99	Inner_1RB_Right	19.31	/	/	21.01	/	/	<=33	Pass	
		Edge_1RB_Left	19.11	/	/	20.81	/	/	<=33	Pass	
		Edge_1RB_Right	19.03	/	/	20.73	/	/	<=33	Pass	
		Outer_Full	19.04	/	/	20.74	/	/	<=33	Pass	
		Inner_Full	19.04	/	/	20.74	/	/	<=33	Pass	
	2677.5	Inner_1RB_Left	19.13	/	/	20.83	/	/	<=33	Pass	
		Inner_1RB_Right	19.05	/	/	20.75	/	/	<=33	Pass	
		Edge_1RB_Left	18.70	/	/	20.40	/	/	<=33	Pass	
		Edge_1RB_Right	18.87	/	/	20.57	/	/	<=33	Pass	
		Outer_Full	18.79	/	/	20.49	/	/	<=33	Pass	
			Inner_Full	18.71	/	/	20.41	/	/	<=33	Pass
			Inner_1RB_Left	18.70	/	/	20.40	/	/	<=33	Pass
			Inner_1RB_Right	18.88	/	/	20.58	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 1.70dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.12 30k_SISO_30MHz_NTNV_EIRP

1.12.1 Test Result

5G NR n41 SCS=30kHz SISO 30MHz 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	2511	Edge_1RB_Left	24.58	/	/	26.28	/	/	<=33	Pass
		Edge_1RB_Right	24.61	/	/	26.31	/	/	<=33	Pass
		Outer_Full	24.62	/	/	26.32	/	/	<=33	Pass
		Inner_Full	25.60	/	/	27.30	/	/	<=33	Pass
		Inner_1RB_Left	25.54	/	/	27.24	/	/	<=33	Pass
		Inner_1RB_Right	25.61	/	/	27.31	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.97	/	/	26.67	/	/	<=33	Pass
		Edge_1RB_Right	24.82	/	/	26.52	/	/	<=33	Pass
		Outer_Full	24.91	/	/	26.61	/	/	<=33	Pass
		Inner_Full	25.43	/	/	27.13	/	/	<=33	Pass
		Inner_1RB_Left	25.32	/	/	27.02	/	/	<=33	Pass
		Inner_1RB_Right	25.26	/	/	26.96	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	24.44	/	/	26.14	/	/	<=33	Pass
		Edge_1RB_Right	24.47	/	/	26.17	/	/	<=33	Pass
		Outer_Full	24.59	/	/	26.29	/	/	<=33	Pass
		Inner_Full	25.07	/	/	26.77	/	/	<=33	Pass
		Inner_1RB_Left	24.88	/	/	26.58	/	/	<=33	Pass
		Inner_1RB_Right	24.95	/	/	26.65	/	/	<=33	Pass
DFT-s-OFDM QPSK	2511	Edge_1RB_Left	24.62	/	/	26.32	/	/	<=33	Pass
		Edge_1RB_Right	24.65	/	/	26.35	/	/	<=33	Pass
		Outer_Full	24.65	/	/	26.35	/	/	<=33	Pass
		Inner_Full	25.60	/	/	27.30	/	/	<=33	Pass
		Inner_1RB_Left	25.52	/	/	27.22	/	/	<=33	Pass
		Inner_1RB_Right	25.55	/	/	27.25	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.53	/	/	26.23	/	/	<=33	Pass
		Edge_1RB_Right	24.45	/	/	26.15	/	/	<=33	Pass
		Outer_Full	24.40	/	/	26.10	/	/	<=33	Pass
		Inner_Full	25.38	/	/	27.08	/	/	<=33	Pass
		Inner_1RB_Left	25.45	/	/	27.15	/	/	<=33	Pass
		Inner_1RB_Right	25.38	/	/	27.08	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	24.08	/	/	25.78	/	/	<=33	Pass
		Edge_1RB_Right	24.13	/	/	25.83	/	/	<=33	Pass
		Outer_Full	24.10	/	/	25.80	/	/	<=33	Pass
		Inner_Full	25.03	/	/	26.73	/	/	<=33	Pass
		Inner_1RB_Left	24.92	/	/	26.62	/	/	<=33	Pass
		Inner_1RB_Right	24.98	/	/	26.68	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2511	Edge_1RB_Left	23.39	/	/	25.09	/	/	<=33	Pass
		Edge_1RB_Right	23.53	/	/	25.23	/	/	<=33	Pass
		Outer_Full	23.66	/	/	25.36	/	/	<=33	Pass
		Inner_Full	24.72	/	/	26.42	/	/	<=33	Pass
		Inner_1RB_Left	24.23	/	/	25.93	/	/	<=33	Pass



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Table with columns for test parameters (e.g., Inner_1RB_Right, Edge_1RB_Left), values, and pass/fail status. Rows are grouped by test type (DFT-s-OFDM 64 QAM, DFT-s-OFDM 256 QAM) and frequency (2511, 2592.99, 2674.98).



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CP-OFDM QPSK	2511	Edge_1RB_Left	22.47	/	/	24.17	/	/	<=33	Pass
		Edge_1RB_Right	22.36	/	/	24.06	/	/	<=33	Pass
		Outer_Full	22.71	/	/	24.41	/	/	<=33	Pass
		Inner_Full	24.18	/	/	25.88	/	/	<=33	Pass
		Inner_1RB_Left	23.99	/	/	25.69	/	/	<=33	Pass
	Inner_1RB_Right	23.97	/	/	25.67	/	/	<=33	Pass	
	2592.99	Edge_1RB_Left	22.28	/	/	23.98	/	/	<=33	Pass
		Edge_1RB_Right	22.28	/	/	23.98	/	/	<=33	Pass
		Outer_Full	22.52	/	/	24.22	/	/	<=33	Pass
		Inner_Full	23.93	/	/	25.63	/	/	<=33	Pass
		Inner_1RB_Left	23.76	/	/	25.46	/	/	<=33	Pass
	Inner_1RB_Right	23.78	/	/	25.48	/	/	<=33	Pass	
	2674.98	Edge_1RB_Left	21.80	/	/	23.50	/	/	<=33	Pass
		Edge_1RB_Right	21.97	/	/	23.67	/	/	<=33	Pass
		Outer_Full	22.25	/	/	23.95	/	/	<=33	Pass
Inner_Full		23.62	/	/	25.32	/	/	<=33	Pass	
Inner_1RB_Left		23.33	/	/	25.03	/	/	<=33	Pass	
Inner_1RB_Right	23.46	/	/	25.16	/	/	<=33	Pass		
CP-OFDM 16 QAM	2511	Edge_1RB_Left	22.67	/	/	24.37	/	/	<=33	Pass
		Edge_1RB_Right	22.45	/	/	24.15	/	/	<=33	Pass
		Outer_Full	22.70	/	/	24.40	/	/	<=33	Pass
		Inner_Full	23.70	/	/	25.40	/	/	<=33	Pass
		Inner_1RB_Left	23.41	/	/	25.11	/	/	<=33	Pass
	Inner_1RB_Right	23.69	/	/	25.39	/	/	<=33	Pass	
	2592.99	Edge_1RB_Left	22.63	/	/	24.33	/	/	<=33	Pass
		Edge_1RB_Right	22.36	/	/	24.06	/	/	<=33	Pass
		Outer_Full	22.52	/	/	24.22	/	/	<=33	Pass
		Inner_Full	23.48	/	/	25.18	/	/	<=33	Pass
		Inner_1RB_Left	23.34	/	/	25.04	/	/	<=33	Pass
	Inner_1RB_Right	23.18	/	/	24.88	/	/	<=33	Pass	
	2674.98	Edge_1RB_Left	22.04	/	/	23.74	/	/	<=33	Pass
		Edge_1RB_Right	22.16	/	/	23.86	/	/	<=33	Pass
		Outer_Full	22.24	/	/	23.94	/	/	<=33	Pass
Inner_Full		23.21	/	/	24.91	/	/	<=33	Pass	
Inner_1RB_Left		22.84	/	/	24.54	/	/	<=33	Pass	
Inner_1RB_Right	23.03	/	/	24.73	/	/	<=33	Pass		
CP-OFDM 64 QAM	2511	Edge_1RB_Left	22.34	/	/	24.04	/	/	<=33	Pass
		Edge_1RB_Right	22.15	/	/	23.85	/	/	<=33	Pass
		Outer_Full	22.31	/	/	24.01	/	/	<=33	Pass
		Inner_Full	22.25	/	/	23.95	/	/	<=33	Pass
		Inner_1RB_Left	22.12	/	/	23.82	/	/	<=33	Pass
	Inner_1RB_Right	22.29	/	/	23.99	/	/	<=33	Pass	
	2592.99	Edge_1RB_Left	22.44	/	/	24.14	/	/	<=33	Pass
		Edge_1RB_Right	22.27	/	/	23.97	/	/	<=33	Pass
		Outer_Full	22.04	/	/	23.74	/	/	<=33	Pass
		Inner_Full	22.06	/	/	23.76	/	/	<=33	Pass
		Inner_1RB_Left	22.43	/	/	24.13	/	/	<=33	Pass
	Inner_1RB_Right	22.32	/	/	24.02	/	/	<=33	Pass	
	2674.98	Edge_1RB_Left	21.62	/	/	23.32	/	/	<=33	Pass



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Report No.: SEWM2311000456RG02

Rev.: 01

Page: 49 of 1245

CP-OFDM 256 QAM		Edge_1RB_Right	21.77	/	/	23.47	/	/	<=33	Pass	
		Outer_Full	21.71	/	/	23.41	/	/	<=33	Pass	
		Inner_Full	21.80	/	/	23.50	/	/	<=33	Pass	
		Inner_1RB_Left	21.88	/	/	23.58	/	/	<=33	Pass	
		Inner_1RB_Right	21.98	/	/	23.68	/	/	<=33	Pass	
	2511	Edge_1RB_Left	19.39	/	/	21.09	/	/	<=33	Pass	
		Edge_1RB_Right	19.34	/	/	21.04	/	/	<=33	Pass	
		Outer_Full	19.25	/	/	20.95	/	/	<=33	Pass	
		Inner_Full	19.30	/	/	21.00	/	/	<=33	Pass	
		Inner_1RB_Left	19.44	/	/	21.14	/	/	<=33	Pass	
		Inner_1RB_Right	19.38	/	/	21.08	/	/	<=33	Pass	
		2592.99	Edge_1RB_Left	19.16	/	/	20.86	/	/	<=33	Pass
			Edge_1RB_Right	19.07	/	/	20.77	/	/	<=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
		2674.98	Inner_1RB_Right	19.02	/	/	20.72	/	/	<=33	Pass
	Edge_1RB_Left		18.89	/	/	20.59	/	/	<=33	Pass	
	Edge_1RB_Right		19.14	/	/	20.84	/	/	<=33	Pass	
	Outer_Full		18.81	/	/	20.51	/	/	<=33	Pass	
	Inner_Full		18.91	/	/	20.61	/	/	<=33	Pass	
	Inner_1RB_Left		18.90	/	/	20.60	/	/	<=33	Pass	
	Inner_1RB_Right		19.10	/	/	20.80	/	/	<=33	Pass	

Note1: Antenna Gain: Ant1: 1.70dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.13 30k_SISO_40MHz_NTNV_EIRP

1.13.1 Test Result

5G NR n41 SCS=30kHz SISO 40MHz 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	2516.01	Edge_1RB_Left	24.51	/	/	26.21	/	/	<=33	Pass
		Edge_1RB_Right	24.53	/	/	26.23	/	/	<=33	Pass
		Outer_Full	24.53	/	/	26.23	/	/	<=33	Pass
		Inner_Full	25.43	/	/	27.13	/	/	<=33	Pass
		Inner_1RB_Left	25.44	/	/	27.14	/	/	<=33	Pass
		Inner_1RB_Right	25.43	/	/	27.13	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.81	/	/	26.51	/	/	<=33	Pass
		Edge_1RB_Right	24.76	/	/	26.46	/	/	<=33	Pass
		Outer_Full	24.90	/	/	26.60	/	/	<=33	Pass
		Inner_Full	25.40	/	/	27.10	/	/	<=33	Pass
		Inner_1RB_Left	25.31	/	/	27.01	/	/	<=33	Pass
		Inner_1RB_Right	25.20	/	/	26.90	/	/	<=33	Pass
	2670	Edge_1RB_Left	24.36	/	/	26.06	/	/	<=33	Pass
		Edge_1RB_Right	24.41	/	/	26.11	/	/	<=33	Pass
		Outer_Full	24.48	/	/	26.18	/	/	<=33	Pass
		Inner_Full	24.92	/	/	26.62	/	/	<=33	Pass
		Inner_1RB_Left	24.88	/	/	26.58	/	/	<=33	Pass
		Inner_1RB_Right	24.89	/	/	26.59	/	/	<=33	Pass
DFT-s-OFDM QPSK	2516.01	Edge_1RB_Left	24.48	/	/	26.18	/	/	<=33	Pass
		Edge_1RB_Right	24.49	/	/	26.19	/	/	<=33	Pass
		Outer_Full	24.56	/	/	26.26	/	/	<=33	Pass
		Inner_Full	25.42	/	/	27.12	/	/	<=33	Pass
		Inner_1RB_Left	25.40	/	/	27.10	/	/	<=33	Pass
		Inner_1RB_Right	25.44	/	/	27.14	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	24.48	/	/	26.18	/	/	<=33	Pass
		Edge_1RB_Right	24.38	/	/	26.08	/	/	<=33	Pass
		Outer_Full	24.44	/	/	26.14	/	/	<=33	Pass
		Inner_Full	25.37	/	/	27.07	/	/	<=33	Pass
		Inner_1RB_Left	25.36	/	/	27.06	/	/	<=33	Pass
		Inner_1RB_Right	25.30	/	/	27.00	/	/	<=33	Pass
	2670	Edge_1RB_Left	23.99	/	/	25.69	/	/	<=33	Pass
		Edge_1RB_Right	24.02	/	/	25.72	/	/	<=33	Pass
		Outer_Full	24.03	/	/	25.73	/	/	<=33	Pass
		Inner_Full	24.91	/	/	26.61	/	/	<=33	Pass
		Inner_1RB_Left	24.93	/	/	26.63	/	/	<=33	Pass
		Inner_1RB_Right	24.91	/	/	26.61	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2516.01	Edge_1RB_Left	23.28	/	/	24.98	/	/	<=33	Pass
		Edge_1RB_Right	23.30	/	/	25.00	/	/	<=33	Pass
		Outer_Full	23.56	/	/	25.26	/	/	<=33	Pass
		Inner_Full	24.49	/	/	26.19	/	/	<=33	Pass
		Inner_1RB_Left	24.17	/	/	25.87	/	/	<=33	Pass



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	2592.99	Inner_1RB_Right	24.17	/	/	25.87	/	/	<=33	Pass	
		Edge_1RB_Left	23.51	/	/	25.21	/	/	<=33	Pass	
		Edge_1RB_Right	23.38	/	/	25.08	/	/	<=33	Pass	
		Outer_Full	23.44	/	/	25.14	/	/	<=33	Pass	
		Inner_Full	24.43	/	/	26.13	/	/	<=33	Pass	
		Inner_1RB_Left	24.32	/	/	26.02	/	/	<=33	Pass	
	2670	Inner_1RB_Right	24.06	/	/	25.76	/	/	<=33	Pass	
		Edge_1RB_Left	23.00	/	/	24.70	/	/	<=33	Pass	
		Edge_1RB_Right	23.10	/	/	24.80	/	/	<=33	Pass	
		Outer_Full	23.09	/	/	24.79	/	/	<=33	Pass	
		Inner_Full	23.96	/	/	25.66	/	/	<=33	Pass	
		Inner_1RB_Left	23.86	/	/	25.56	/	/	<=33	Pass	
	DFT-s-OFDM 64 QAM	2516.01	Inner_1RB_Right	23.85	/	/	25.55	/	/	<=33	Pass
			Edge_1RB_Left	23.07	/	/	24.77	/	/	<=33	Pass
Edge_1RB_Right			23.00	/	/	24.70	/	/	<=33	Pass	
Outer_Full			23.07	/	/	24.77	/	/	<=33	Pass	
Inner_Full			23.02	/	/	24.72	/	/	<=33	Pass	
Inner_1RB_Left			23.12	/	/	24.82	/	/	<=33	Pass	
2592.99		Inner_1RB_Right	23.00	/	/	24.70	/	/	<=33	Pass	
		Edge_1RB_Left	23.30	/	/	25.00	/	/	<=33	Pass	
		Edge_1RB_Right	23.13	/	/	24.83	/	/	<=33	Pass	
		Outer_Full	23.04	/	/	24.74	/	/	<=33	Pass	
		Inner_Full	22.95	/	/	24.65	/	/	<=33	Pass	
		Inner_1RB_Left	23.06	/	/	24.76	/	/	<=33	Pass	
2670		Inner_1RB_Right	22.96	/	/	24.66	/	/	<=33	Pass	
		Edge_1RB_Left	22.64	/	/	24.34	/	/	<=33	Pass	
	Edge_1RB_Right	22.64	/	/	24.34	/	/	<=33	Pass		
	Outer_Full	22.64	/	/	24.34	/	/	<=33	Pass		
	Inner_Full	22.56	/	/	24.26	/	/	<=33	Pass		
	Inner_1RB_Left	22.65	/	/	24.35	/	/	<=33	Pass		
DFT-s-OFDM 256 QAM	2516.01	Inner_1RB_Right	22.68	/	/	24.38	/	/	<=33	Pass	
		Edge_1RB_Left	21.14	/	/	22.84	/	/	<=33	Pass	
		Edge_1RB_Right	21.05	/	/	22.75	/	/	<=33	Pass	
		Outer_Full	21.07	/	/	22.77	/	/	<=33	Pass	
		Inner_Full	21.03	/	/	22.73	/	/	<=33	Pass	
		Inner_1RB_Left	21.12	/	/	22.82	/	/	<=33	Pass	
	2592.99	Inner_1RB_Right	21.09	/	/	22.79	/	/	<=33	Pass	
		Edge_1RB_Left	20.82	/	/	22.52	/	/	<=33	Pass	
		Edge_1RB_Right	20.87	/	/	22.57	/	/	<=33	Pass	
		Outer_Full	21.03	/	/	22.73	/	/	<=33	Pass	
		Inner_Full	20.96	/	/	22.66	/	/	<=33	Pass	
		Inner_1RB_Left	21.00	/	/	22.70	/	/	<=33	Pass	
	2670	Inner_1RB_Right	20.87	/	/	22.57	/	/	<=33	Pass	
		Edge_1RB_Left	20.54	/	/	22.24	/	/	<=33	Pass	
Edge_1RB_Right		20.79	/	/	22.49	/	/	<=33	Pass		
Outer_Full		20.72	/	/	22.42	/	/	<=33	Pass		
Inner_Full		20.66	/	/	22.36	/	/	<=33	Pass		
Inner_1RB_Left		20.44	/	/	22.14	/	/	<=33	Pass		
		Inner_1RB_Right	20.79	/	/	22.49	/	/	<=33	Pass	



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Table with columns for Modulation (CP-OFDM QPSK, CP-OFDM 16 QAM, CP-OFDM 64 QAM), Bandwidth (2516.01, 2592.99, 2670), and Test Results (Edge_1RB_Left, Edge_1RB_Right, Outer_Full, Inner_Full, Inner_1RB_Left, Inner_1RB_Right) with values and Pass/Fail status.



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