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Appendix B.18

NR Band n5



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

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1. Effective (Isotropic) Radiated Power Output Data

1.1 15k_SISO_5MHz_NTNV_ERP

1.1.1 Test Result

5G NR n5 SCS=15kHz SISO 5MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	24.54	/	/	18.29	/	/	<=38.45	Pass
		Edge_1RB_Right	24.63	/	/	18.38	/	/	<=38.45	Pass
		Outer_Full	24.73	/	/	18.48	/	/	<=38.45	Pass
		Inner_Full	25.11	/	/	18.86	/	/	<=38.45	Pass
		Inner_1RB_Left	25.07	/	/	18.82	/	/	<=38.45	Pass
		Inner_1RB_Right	25.14	/	/	18.89	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.59	/	/	18.34	/	/	<=38.45	Pass
		Edge_1RB_Right	24.57	/	/	18.32	/	/	<=38.45	Pass
		Outer_Full	24.68	/	/	18.43	/	/	<=38.45	Pass
		Inner_Full	25.14	/	/	18.89	/	/	<=38.45	Pass
		Inner_1RB_Left	25.01	/	/	18.76	/	/	<=38.45	Pass
		Inner_1RB_Right	25.07	/	/	18.82	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	24.58	/	/	18.33	/	/	<=38.45	Pass
		Edge_1RB_Right	24.57	/	/	18.32	/	/	<=38.45	Pass
		Outer_Full	24.67	/	/	18.42	/	/	<=38.45	Pass
		Inner_Full	25.14	/	/	18.89	/	/	<=38.45	Pass
		Inner_1RB_Left	25.06	/	/	18.81	/	/	<=38.45	Pass
		Inner_1RB_Right	25.01	/	/	18.76	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	23.97	/	/	17.72	/	/	<=38.45	Pass
		Edge_1RB_Right	24.07	/	/	17.82	/	/	<=38.45	Pass
		Outer_Full	24.27	/	/	18.02	/	/	<=38.45	Pass
		Inner_Full	25.27	/	/	19.02	/	/	<=38.45	Pass
		Inner_1RB_Left	25.01	/	/	18.76	/	/	<=38.45	Pass
		Inner_1RB_Right	25.05	/	/	18.80	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.08	/	/	17.83	/	/	<=38.45	Pass
		Edge_1RB_Right	24.07	/	/	17.82	/	/	<=38.45	Pass
		Outer_Full	24.18	/	/	17.93	/	/	<=38.45	Pass
		Inner_Full	25.18	/	/	18.93	/	/	<=38.45	Pass
		Inner_1RB_Left	24.99	/	/	18.74	/	/	<=38.45	Pass
		Inner_1RB_Right	25.03	/	/	18.78	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	24.07	/	/	17.82	/	/	<=38.45	Pass
		Edge_1RB_Right	24.01	/	/	17.76	/	/	<=38.45	Pass
		Outer_Full	24.17	/	/	17.92	/	/	<=38.45	Pass
		Inner_Full	25.25	/	/	19.00	/	/	<=38.45	Pass
		Inner_1RB_Left	24.99	/	/	18.74	/	/	<=38.45	Pass
		Inner_1RB_Right	24.99	/	/	18.74	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge_1RB_Left	23.21	/	/	16.96	/	/	<=38.45	Pass
		Edge_1RB_Right	23.25	/	/	17.00	/	/	<=38.45	Pass
		Outer_Full	23.19	/	/	16.94	/	/	<=38.45	Pass



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		Inner_Full	24.18	/	/	17.93	/	/	<=38.45	Pass	
		Inner_1RB_Left	24.22	/	/	17.97	/	/	<=38.45	Pass	
		Inner_1RB_Right	24.33	/	/	18.08	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	23.22	/	/	16.97	/	/	<=38.45	Pass	
			Edge_1RB_Right	23.22	/	/	16.97	/	/	<=38.45	Pass
		Outer_Full	23.13	/	/	16.88	/	/	<=38.45	Pass	
		Inner_Full	24.12	/	/	17.87	/	/	<=38.45	Pass	
		Inner_1RB_Left	24.31	/	/	18.06	/	/	<=38.45	Pass	
		Inner_1RB_Right	24.26	/	/	18.01	/	/	<=38.45	Pass	
	846.5	Edge_1RB_Left	23.21	/	/	16.96	/	/	<=38.45	Pass	
			Edge_1RB_Right	23.22	/	/	16.97	/	/	<=38.45	Pass
		Outer_Full	23.13	/	/	16.88	/	/	<=38.45	Pass	
		Inner_Full	24.13	/	/	17.88	/	/	<=38.45	Pass	
		Inner_1RB_Left	24.29	/	/	18.04	/	/	<=38.45	Pass	
		Inner_1RB_Right	24.31	/	/	18.06	/	/	<=38.45	Pass	
DFT-s-OFDM 64 QAM	826.5	Edge_1RB_Left	22.76	/	/	16.51	/	/	<=38.45	Pass	
		Edge_1RB_Right	22.83	/	/	16.58	/	/	<=38.45	Pass	
		Outer_Full	22.73	/	/	16.48	/	/	<=38.45	Pass	
		Inner_Full	22.74	/	/	16.49	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.74	/	/	16.49	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.82	/	/	16.57	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	22.82	/	/	16.57	/	/	<=38.45	Pass	
			Edge_1RB_Right	22.77	/	/	16.52	/	/	<=38.45	Pass
		Outer_Full	22.70	/	/	16.45	/	/	<=38.45	Pass	
		Inner_Full	22.68	/	/	16.43	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.85	/	/	16.60	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.81	/	/	16.56	/	/	<=38.45	Pass	
	846.5	Edge_1RB_Left	22.83	/	/	16.58	/	/	<=38.45	Pass	
			Edge_1RB_Right	22.80	/	/	16.55	/	/	<=38.45	Pass
		Outer_Full	22.76	/	/	16.51	/	/	<=38.45	Pass	
		Inner_Full	22.70	/	/	16.45	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.81	/	/	16.56	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.79	/	/	16.54	/	/	<=38.45	Pass	
	DFT-s-OFDM 256 QAM	826.5	Edge_1RB_Left	20.51	/	/	14.26	/	/	<=38.45	Pass
			Edge_1RB_Right	20.58	/	/	14.33	/	/	<=38.45	Pass
			Outer_Full	20.65	/	/	14.40	/	/	<=38.45	Pass
			Inner_Full	20.67	/	/	14.42	/	/	<=38.45	Pass
			Inner_1RB_Left	20.50	/	/	14.25	/	/	<=38.45	Pass
			Inner_1RB_Right	20.67	/	/	14.42	/	/	<=38.45	Pass
836.5		Edge_1RB_Left	20.62	/	/	14.37	/	/	<=38.45	Pass	
			Edge_1RB_Right	20.54	/	/	14.29	/	/	<=38.45	Pass
		Outer_Full	20.62	/	/	14.37	/	/	<=38.45	Pass	
		Inner_Full	20.68	/	/	14.43	/	/	<=38.45	Pass	
		Inner_1RB_Left	20.61	/	/	14.36	/	/	<=38.45	Pass	
		Inner_1RB_Right	20.56	/	/	14.31	/	/	<=38.45	Pass	
846.5		Edge_1RB_Left	20.62	/	/	14.37	/	/	<=38.45	Pass	
			Edge_1RB_Right	20.58	/	/	14.33	/	/	<=38.45	Pass
		Outer_Full	20.59	/	/	14.34	/	/	<=38.45	Pass	
		Inner_Full	20.67	/	/	14.42	/	/	<=38.45	Pass	



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		Inner_1RB_Left	20.55	/	/	14.30	/	/	<=38.45	Pass
		Inner_1RB_Right	20.58	/	/	14.33	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	21.96	/	/	15.71	/	/	<=38.45	Pass
		Edge_1RB_Right	22.00	/	/	15.75	/	/	<=38.45	Pass
		Outer_Full	22.21	/	/	15.96	/	/	<=38.45	Pass
		Inner_Full	23.65	/	/	17.40	/	/	<=38.45	Pass
		Inner_1RB_Left	23.42	/	/	17.17	/	/	<=38.45	Pass
		Inner_1RB_Right	23.53	/	/	17.28	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.98	/	/	15.73	/	/	<=38.45	Pass
		Edge_1RB_Right	21.96	/	/	15.71	/	/	<=38.45	Pass
		Outer_Full	22.13	/	/	15.88	/	/	<=38.45	Pass
		Inner_Full	23.64	/	/	17.39	/	/	<=38.45	Pass
		Inner_1RB_Left	23.45	/	/	17.20	/	/	<=38.45	Pass
		Inner_1RB_Right	23.46	/	/	17.21	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.98	/	/	15.73	/	/	<=38.45	Pass
		Edge_1RB_Right	21.97	/	/	15.72	/	/	<=38.45	Pass
		Outer_Full	22.17	/	/	15.92	/	/	<=38.45	Pass
Inner_Full		23.65	/	/	17.40	/	/	<=38.45	Pass	
Inner_1RB_Left		23.44	/	/	17.19	/	/	<=38.45	Pass	
Inner_1RB_Right		23.47	/	/	17.22	/	/	<=38.45	Pass	
CP-OFDM 16 QAM	826.5	Edge_1RB_Left	22.16	/	/	15.91	/	/	<=38.45	Pass
		Edge_1RB_Right	22.20	/	/	15.95	/	/	<=38.45	Pass
		Outer_Full	22.19	/	/	15.94	/	/	<=38.45	Pass
		Inner_Full	23.15	/	/	16.90	/	/	<=38.45	Pass
		Inner_1RB_Left	23.08	/	/	16.83	/	/	<=38.45	Pass
		Inner_1RB_Right	23.15	/	/	16.90	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.20	/	/	15.95	/	/	<=38.45	Pass
		Edge_1RB_Right	22.20	/	/	15.95	/	/	<=38.45	Pass
		Outer_Full	22.14	/	/	15.89	/	/	<=38.45	Pass
		Inner_Full	23.13	/	/	16.88	/	/	<=38.45	Pass
		Inner_1RB_Left	23.26	/	/	17.01	/	/	<=38.45	Pass
		Inner_1RB_Right	23.15	/	/	16.90	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.20	/	/	15.95	/	/	<=38.45	Pass
		Edge_1RB_Right	22.17	/	/	15.92	/	/	<=38.45	Pass
		Outer_Full	22.16	/	/	15.91	/	/	<=38.45	Pass
Inner_Full		23.18	/	/	16.93	/	/	<=38.45	Pass	
Inner_1RB_Left		23.18	/	/	16.93	/	/	<=38.45	Pass	
Inner_1RB_Right		23.16	/	/	16.91	/	/	<=38.45	Pass	
CP-OFDM 64 QAM	826.5	Edge_1RB_Left	21.57	/	/	15.32	/	/	<=38.45	Pass
		Edge_1RB_Right	21.68	/	/	15.43	/	/	<=38.45	Pass
		Outer_Full	21.77	/	/	15.52	/	/	<=38.45	Pass
		Inner_Full	21.67	/	/	15.42	/	/	<=38.45	Pass
		Inner_1RB_Left	21.58	/	/	15.33	/	/	<=38.45	Pass
		Inner_1RB_Right	21.68	/	/	15.43	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.69	/	/	15.44	/	/	<=38.45	Pass
		Edge_1RB_Right	21.64	/	/	15.39	/	/	<=38.45	Pass
		Outer_Full	21.66	/	/	15.41	/	/	<=38.45	Pass
		Inner_Full	21.66	/	/	15.41	/	/	<=38.45	Pass
		Inner_1RB_Left	21.65	/	/	15.40	/	/	<=38.45	Pass



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	846.5	Inner_1RB_Right	21.55	/	/	15.30	/	/	<=38.45	Pass	
		Edge_1RB_Left	21.65	/	/	15.40	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.67	/	/	15.42	/	/	<=38.45	Pass	
		Outer_Full	21.68	/	/	15.43	/	/	<=38.45	Pass	
		Inner_Full	21.65	/	/	15.40	/	/	<=38.45	Pass	
		Inner_1RB_Left	21.65	/	/	15.40	/	/	<=38.45	Pass	
		Inner_1RB_Right	21.66	/	/	15.41	/	/	<=38.45	Pass	
CP-OFDM 256 QAM	826.5	Edge_1RB_Left	18.72	/	/	12.47	/	/	<=38.45	Pass	
		Edge_1RB_Right	18.71	/	/	12.46	/	/	<=38.45	Pass	
		Outer_Full	18.71	/	/	12.46	/	/	<=38.45	Pass	
		Inner_Full	18.68	/	/	12.43	/	/	<=38.45	Pass	
		Inner_1RB_Left	18.74	/	/	12.49	/	/	<=38.45	Pass	
		Inner_1RB_Right	18.71	/	/	12.46	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	18.79	/	/	12.54	/	/	<=38.45	Pass	
		Edge_1RB_Right	18.73	/	/	12.48	/	/	<=38.45	Pass	
		Outer_Full	18.65	/	/	12.40	/	/	<=38.45	Pass	
		Inner_Full	18.68	/	/	12.43	/	/	<=38.45	Pass	
		Inner_1RB_Left	18.75	/	/	12.50	/	/	<=38.45	Pass	
		Inner_1RB_Right	18.76	/	/	12.51	/	/	<=38.45	Pass	
	846.5	Edge_1RB_Left	18.74	/	/	12.49	/	/	<=38.45	Pass	
		Edge_1RB_Right	18.74	/	/	12.49	/	/	<=38.45	Pass	
		Outer_Full	18.68	/	/	12.43	/	/	<=38.45	Pass	
		Inner_Full	18.66	/	/	12.41	/	/	<=38.45	Pass	
		Inner_1RB_Left	18.74	/	/	12.49	/	/	<=38.45	Pass	
		Inner_1RB_Right	18.73	/	/	12.48	/	/	<=38.45	Pass	
	Note1: Antenna Gain: Ant1: -4.10dBi;										
	Note2: EIRP=Conducted Power+Antenna Gain										



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Member of the SGS Group (SGS SA)

1.2 15k_SISO_10MHz_NTNV_ERP

1.2.1 Test Result

5G NR n5 SCS=15kHz SISO 10MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Edge_1RB_Left	24.57	/	/	18.32	/	/	<=38.45	Pass
		Edge_1RB_Right	24.63	/	/	18.38	/	/	<=38.45	Pass
		Outer_Full	24.63	/	/	18.38	/	/	<=38.45	Pass
		Inner_Full	25.10	/	/	18.85	/	/	<=38.45	Pass
		Inner_1RB_Left	25.02	/	/	18.77	/	/	<=38.45	Pass
		Inner_1RB_Right	25.10	/	/	18.85	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.64	/	/	18.39	/	/	<=38.45	Pass
		Edge_1RB_Right	24.63	/	/	18.38	/	/	<=38.45	Pass
		Outer_Full	24.69	/	/	18.44	/	/	<=38.45	Pass
		Inner_Full	25.16	/	/	18.91	/	/	<=38.45	Pass
		Inner_1RB_Left	25.13	/	/	18.88	/	/	<=38.45	Pass
		Inner_1RB_Right	25.11	/	/	18.86	/	/	<=38.45	Pass
	844	Edge_1RB_Left	24.56	/	/	18.31	/	/	<=38.45	Pass
		Edge_1RB_Right	24.45	/	/	18.20	/	/	<=38.45	Pass
		Outer_Full	24.65	/	/	18.40	/	/	<=38.45	Pass
		Inner_Full	25.06	/	/	18.81	/	/	<=38.45	Pass
		Inner_1RB_Left	25.02	/	/	18.77	/	/	<=38.45	Pass
		Inner_1RB_Right	24.97	/	/	18.72	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Edge_1RB_Left	24.05	/	/	17.80	/	/	<=38.45	Pass
		Edge_1RB_Right	24.10	/	/	17.85	/	/	<=38.45	Pass
		Outer_Full	24.17	/	/	17.92	/	/	<=38.45	Pass
		Inner_Full	25.14	/	/	18.89	/	/	<=38.45	Pass
		Inner_1RB_Left	25.05	/	/	18.80	/	/	<=38.45	Pass
		Inner_1RB_Right	25.03	/	/	18.78	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.10	/	/	17.85	/	/	<=38.45	Pass
		Edge_1RB_Right	24.09	/	/	17.84	/	/	<=38.45	Pass
		Outer_Full	24.15	/	/	17.90	/	/	<=38.45	Pass
		Inner_Full	25.18	/	/	18.93	/	/	<=38.45	Pass
		Inner_1RB_Left	25.08	/	/	18.83	/	/	<=38.45	Pass
		Inner_1RB_Right	25.06	/	/	18.81	/	/	<=38.45	Pass
	844	Edge_1RB_Left	24.02	/	/	17.77	/	/	<=38.45	Pass
		Edge_1RB_Right	23.93	/	/	17.68	/	/	<=38.45	Pass
		Outer_Full	24.06	/	/	17.81	/	/	<=38.45	Pass
		Inner_Full	25.08	/	/	18.83	/	/	<=38.45	Pass
		Inner_1RB_Left	24.99	/	/	18.74	/	/	<=38.45	Pass
		Inner_1RB_Right	24.88	/	/	18.63	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Edge_1RB_Left	23.15	/	/	16.90	/	/	<=38.45	Pass
		Edge_1RB_Right	23.26	/	/	17.01	/	/	<=38.45	Pass
		Outer_Full	23.18	/	/	16.93	/	/	<=38.45	Pass
		Inner_Full	24.16	/	/	17.91	/	/	<=38.45	Pass
		Inner_1RB_Left	24.21	/	/	17.96	/	/	<=38.45	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 channel (836.5, 844, 829).



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CP-OFDM QPSK	829	Edge_1RB_Left	22.01	/	/	15.76	/	/	<=38.45	Pass
		Edge_1RB_Right	22.07	/	/	15.82	/	/	<=38.45	Pass
		Outer_Full	22.14	/	/	15.89	/	/	<=38.45	Pass
		Inner_Full	23.63	/	/	17.38	/	/	<=38.45	Pass
		Inner_1RB_Left	23.41	/	/	17.16	/	/	<=38.45	Pass
	Inner_1RB_Right	23.49	/	/	17.24	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	22.04	/	/	15.79	/	/	<=38.45	Pass
		Edge_1RB_Right	22.08	/	/	15.83	/	/	<=38.45	Pass
		Outer_Full	22.16	/	/	15.91	/	/	<=38.45	Pass
		Inner_Full	23.63	/	/	17.38	/	/	<=38.45	Pass
		Inner_1RB_Left	23.62	/	/	17.37	/	/	<=38.45	Pass
	Inner_1RB_Right	23.50	/	/	17.25	/	/	<=38.45	Pass	
	844	Edge_1RB_Left	21.95	/	/	15.70	/	/	<=38.45	Pass
		Edge_1RB_Right	21.91	/	/	15.66	/	/	<=38.45	Pass
		Outer_Full	22.05	/	/	15.80	/	/	<=38.45	Pass
Inner_Full		23.55	/	/	17.30	/	/	<=38.45	Pass	
Inner_1RB_Left		23.39	/	/	17.14	/	/	<=38.45	Pass	
Inner_1RB_Right	23.40	/	/	17.15	/	/	<=38.45	Pass		
CP-OFDM 16 QAM	829	Edge_1RB_Left	22.20	/	/	15.95	/	/	<=38.45	Pass
		Edge_1RB_Right	22.25	/	/	16.00	/	/	<=38.45	Pass
		Outer_Full	22.20	/	/	15.95	/	/	<=38.45	Pass
		Inner_Full	23.13	/	/	16.88	/	/	<=38.45	Pass
		Inner_1RB_Left	23.16	/	/	16.91	/	/	<=38.45	Pass
	Inner_1RB_Right	23.22	/	/	16.97	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	22.28	/	/	16.03	/	/	<=38.45	Pass
		Edge_1RB_Right	22.29	/	/	16.04	/	/	<=38.45	Pass
		Outer_Full	22.21	/	/	15.96	/	/	<=38.45	Pass
		Inner_Full	23.13	/	/	16.88	/	/	<=38.45	Pass
		Inner_1RB_Left	23.23	/	/	16.98	/	/	<=38.45	Pass
	Inner_1RB_Right	23.23	/	/	16.98	/	/	<=38.45	Pass	
	844	Edge_1RB_Left	22.14	/	/	15.89	/	/	<=38.45	Pass
		Edge_1RB_Right	22.12	/	/	15.87	/	/	<=38.45	Pass
		Outer_Full	22.19	/	/	15.94	/	/	<=38.45	Pass
Inner_Full		23.01	/	/	16.76	/	/	<=38.45	Pass	
Inner_1RB_Left		23.17	/	/	16.92	/	/	<=38.45	Pass	
Inner_1RB_Right	23.12	/	/	16.87	/	/	<=38.45	Pass		
CP-OFDM 64 QAM	829	Edge_1RB_Left	21.63	/	/	15.38	/	/	<=38.45	Pass
		Edge_1RB_Right	21.72	/	/	15.47	/	/	<=38.45	Pass
		Outer_Full	21.68	/	/	15.43	/	/	<=38.45	Pass
		Inner_Full	21.62	/	/	15.37	/	/	<=38.45	Pass
		Inner_1RB_Left	21.64	/	/	15.39	/	/	<=38.45	Pass
	Inner_1RB_Right	21.72	/	/	15.47	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	21.67	/	/	15.42	/	/	<=38.45	Pass
		Edge_1RB_Right	21.72	/	/	15.47	/	/	<=38.45	Pass
		Outer_Full	21.69	/	/	15.44	/	/	<=38.45	Pass
		Inner_Full	21.66	/	/	15.41	/	/	<=38.45	Pass
		Inner_1RB_Left	21.73	/	/	15.48	/	/	<=38.45	Pass
	Inner_1RB_Right	21.71	/	/	15.46	/	/	<=38.45	Pass	
	844	Edge_1RB_Left	21.64	/	/	15.39	/	/	<=38.45	Pass



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		Edge_1RB_Right	21.59	/	/	15.34	/	/	<=38.45	Pass
		Outer_Full	21.64	/	/	15.39	/	/	<=38.45	Pass
		Inner_Full	21.57	/	/	15.32	/	/	<=38.45	Pass
		Inner_1RB_Left	21.62	/	/	15.37	/	/	<=38.45	Pass
		Inner_1RB_Right	21.63	/	/	15.38	/	/	<=38.45	Pass
CP-OFDM 256 QAM	829	Edge_1RB_Left	18.73	/	/	12.48	/	/	<=38.45	Pass
		Edge_1RB_Right	18.81	/	/	12.56	/	/	<=38.45	Pass
		Outer_Full	18.64	/	/	12.39	/	/	<=38.45	Pass
		Inner_Full	18.61	/	/	12.36	/	/	<=38.45	Pass
		Inner_1RB_Left	18.75	/	/	12.50	/	/	<=38.45	Pass
		Inner_1RB_Right	18.75	/	/	12.50	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.85	/	/	12.60	/	/	<=38.45	Pass
		Edge_1RB_Right	18.81	/	/	12.56	/	/	<=38.45	Pass
		Outer_Full	18.68	/	/	12.43	/	/	<=38.45	Pass
		Inner_Full	18.68	/	/	12.43	/	/	<=38.45	Pass
		Inner_1RB_Left	18.76	/	/	12.51	/	/	<=38.45	Pass
		Inner_1RB_Right	18.79	/	/	12.54	/	/	<=38.45	Pass
	844	Edge_1RB_Left	18.66	/	/	12.41	/	/	<=38.45	Pass
		Edge_1RB_Right	18.68	/	/	12.43	/	/	<=38.45	Pass
		Outer_Full	18.56	/	/	12.31	/	/	<=38.45	Pass
		Inner_Full	18.57	/	/	12.32	/	/	<=38.45	Pass
		Inner_1RB_Left	18.72	/	/	12.47	/	/	<=38.45	Pass
		Inner_1RB_Right	18.74	/	/	12.49	/	/	<=38.45	Pass

Note1: Antenna Gain: Ant1: -4.10dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.3 15k_SISO_15MHz_NTNV_ERP

1.3.1 Test Result

5G NR n5 SCS=15kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	24.49	/	/	18.24	/	/	<=38.45	Pass
		Edge_1RB_Right	24.60	/	/	18.35	/	/	<=38.45	Pass
		Outer_Full	24.65	/	/	18.40	/	/	<=38.45	Pass
		Inner_Full	25.13	/	/	18.88	/	/	<=38.45	Pass
		Inner_1RB_Left	25.03	/	/	18.78	/	/	<=38.45	Pass
		Inner_1RB_Right	25.06	/	/	18.81	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.64	/	/	18.39	/	/	<=38.45	Pass
		Edge_1RB_Right	24.58	/	/	18.33	/	/	<=38.45	Pass
		Outer_Full	24.64	/	/	18.39	/	/	<=38.45	Pass
		Inner_Full	25.15	/	/	18.90	/	/	<=38.45	Pass
		Inner_1RB_Left	25.08	/	/	18.83	/	/	<=38.45	Pass
		Inner_1RB_Right	25.08	/	/	18.83	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	24.54	/	/	18.29	/	/	<=38.45	Pass
		Edge_1RB_Right	24.55	/	/	18.30	/	/	<=38.45	Pass
		Outer_Full	24.61	/	/	18.36	/	/	<=38.45	Pass
		Inner_Full	25.10	/	/	18.85	/	/	<=38.45	Pass
		Inner_1RB_Left	25.06	/	/	18.81	/	/	<=38.45	Pass
		Inner_1RB_Right	25.03	/	/	18.78	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	23.99	/	/	17.74	/	/	<=38.45	Pass
		Edge_1RB_Right	24.06	/	/	17.81	/	/	<=38.45	Pass
		Outer_Full	24.13	/	/	17.88	/	/	<=38.45	Pass
		Inner_Full	25.13	/	/	18.88	/	/	<=38.45	Pass
		Inner_1RB_Left	25.00	/	/	18.75	/	/	<=38.45	Pass
		Inner_1RB_Right	24.99	/	/	18.74	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.14	/	/	17.89	/	/	<=38.45	Pass
		Edge_1RB_Right	24.09	/	/	17.84	/	/	<=38.45	Pass
		Outer_Full	24.17	/	/	17.92	/	/	<=38.45	Pass
		Inner_Full	25.19	/	/	18.94	/	/	<=38.45	Pass
		Inner_1RB_Left	25.10	/	/	18.85	/	/	<=38.45	Pass
		Inner_1RB_Right	25.05	/	/	18.80	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	24.02	/	/	17.77	/	/	<=38.45	Pass
		Edge_1RB_Right	24.00	/	/	17.75	/	/	<=38.45	Pass
		Outer_Full	24.13	/	/	17.88	/	/	<=38.45	Pass
		Inner_Full	25.13	/	/	18.88	/	/	<=38.45	Pass
		Inner_1RB_Left	24.94	/	/	18.69	/	/	<=38.45	Pass
		Inner_1RB_Right	24.94	/	/	18.69	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge_1RB_Left	23.09	/	/	16.84	/	/	<=38.45	Pass
		Edge_1RB_Right	23.16	/	/	16.91	/	/	<=38.45	Pass
		Outer_Full	23.12	/	/	16.87	/	/	<=38.45	Pass
		Inner_Full	24.13	/	/	17.88	/	/	<=38.45	Pass
		Inner_1RB_Left	24.18	/	/	17.93	/	/	<=38.45	Pass



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	836.5	Inner_1RB_Right	24.24	/	/	17.99	/	/	<=38.45	Pass	
		Edge_1RB_Left	23.26	/	/	17.01	/	/	<=38.45	Pass	
		Edge_1RB_Right	23.23	/	/	16.98	/	/	<=38.45	Pass	
		Outer_Full	23.16	/	/	16.91	/	/	<=38.45	Pass	
		Inner_Full	24.20	/	/	17.95	/	/	<=38.45	Pass	
		Inner_1RB_Left	24.36	/	/	18.11	/	/	<=38.45	Pass	
	841.5	Inner_1RB_Right	24.27	/	/	18.02	/	/	<=38.45	Pass	
		Edge_1RB_Left	23.20	/	/	16.95	/	/	<=38.45	Pass	
		Edge_1RB_Right	23.16	/	/	16.91	/	/	<=38.45	Pass	
		Outer_Full	23.09	/	/	16.84	/	/	<=38.45	Pass	
		Inner_Full	24.17	/	/	17.92	/	/	<=38.45	Pass	
		Inner_1RB_Left	24.23	/	/	17.98	/	/	<=38.45	Pass	
	DFT-s-OFDM 64 QAM	831.5	Inner_1RB_Right	24.23	/	/	17.98	/	/	<=38.45	Pass
			Edge_1RB_Left	22.71	/	/	16.46	/	/	<=38.45	Pass
Edge_1RB_Right			22.76	/	/	16.51	/	/	<=38.45	Pass	
Outer_Full			22.67	/	/	16.42	/	/	<=38.45	Pass	
Inner_Full			22.66	/	/	16.41	/	/	<=38.45	Pass	
Inner_1RB_Left			22.76	/	/	16.51	/	/	<=38.45	Pass	
836.5		Inner_1RB_Right	22.76	/	/	16.51	/	/	<=38.45	Pass	
		Edge_1RB_Left	22.87	/	/	16.62	/	/	<=38.45	Pass	
		Edge_1RB_Right	22.81	/	/	16.56	/	/	<=38.45	Pass	
		Outer_Full	22.69	/	/	16.44	/	/	<=38.45	Pass	
		Inner_Full	22.70	/	/	16.45	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.89	/	/	16.64	/	/	<=38.45	Pass	
841.5		Inner_1RB_Right	22.81	/	/	16.56	/	/	<=38.45	Pass	
		Edge_1RB_Left	22.79	/	/	16.54	/	/	<=38.45	Pass	
	Edge_1RB_Right	22.79	/	/	16.54	/	/	<=38.45	Pass		
	Outer_Full	22.64	/	/	16.39	/	/	<=38.45	Pass		
	Inner_Full	22.64	/	/	16.39	/	/	<=38.45	Pass		
	Inner_1RB_Left	22.81	/	/	16.56	/	/	<=38.45	Pass		
DFT-s-OFDM 256 QAM	831.5	Inner_1RB_Right	22.78	/	/	16.53	/	/	<=38.45	Pass	
		Edge_1RB_Left	20.48	/	/	14.23	/	/	<=38.45	Pass	
		Edge_1RB_Right	20.47	/	/	14.22	/	/	<=38.45	Pass	
		Outer_Full	20.58	/	/	14.33	/	/	<=38.45	Pass	
		Inner_Full	20.58	/	/	14.33	/	/	<=38.45	Pass	
		Inner_1RB_Left	20.51	/	/	14.26	/	/	<=38.45	Pass	
	836.5	Inner_1RB_Right	20.53	/	/	14.28	/	/	<=38.45	Pass	
		Edge_1RB_Left	20.62	/	/	14.37	/	/	<=38.45	Pass	
		Edge_1RB_Right	20.50	/	/	14.25	/	/	<=38.45	Pass	
		Outer_Full	20.61	/	/	14.36	/	/	<=38.45	Pass	
		Inner_Full	20.60	/	/	14.35	/	/	<=38.45	Pass	
		Inner_1RB_Left	20.63	/	/	14.38	/	/	<=38.45	Pass	
	841.5	Inner_1RB_Right	20.57	/	/	14.32	/	/	<=38.45	Pass	
		Edge_1RB_Left	20.52	/	/	14.27	/	/	<=38.45	Pass	
Edge_1RB_Right		20.55	/	/	14.30	/	/	<=38.45	Pass		
Outer_Full		20.56	/	/	14.31	/	/	<=38.45	Pass		
Inner_Full		20.58	/	/	14.33	/	/	<=38.45	Pass		
Inner_1RB_Left		20.58	/	/	14.33	/	/	<=38.45	Pass		
		Inner_1RB_Right	20.55	/	/	14.30	/	/	<=38.45	Pass	



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CP-OFDM QPSK	831.5	Edge_1RB_Left	21.90	/	/	15.65	/	/	<=38.45	Pass
		Edge_1RB_Right	21.98	/	/	15.73	/	/	<=38.45	Pass
		Outer_Full	22.17	/	/	15.92	/	/	<=38.45	Pass
		Inner_Full	23.60	/	/	17.35	/	/	<=38.45	Pass
		Inner_1RB_Left	23.42	/	/	17.17	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	23.46	/	/	17.21	/	/	<=38.45	Pass
		Edge_1RB_Left	22.14	/	/	15.89	/	/	<=38.45	Pass
		Edge_1RB_Right	22.01	/	/	15.76	/	/	<=38.45	Pass
		Outer_Full	22.18	/	/	15.93	/	/	<=38.45	Pass
		Inner_Full	23.63	/	/	17.38	/	/	<=38.45	Pass
	841.5	Inner_1RB_Left	23.50	/	/	17.25	/	/	<=38.45	Pass
		Inner_1RB_Right	23.47	/	/	17.22	/	/	<=38.45	Pass
		Edge_1RB_Left	21.98	/	/	15.73	/	/	<=38.45	Pass
		Edge_1RB_Right	21.89	/	/	15.64	/	/	<=38.45	Pass
		Outer_Full	22.10	/	/	15.85	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Inner_Full	23.62	/	/	17.37	/	/	<=38.45	Pass
		Inner_1RB_Left	23.43	/	/	17.18	/	/	<=38.45	Pass
		Inner_1RB_Right	23.42	/	/	17.17	/	/	<=38.45	Pass
		Edge_1RB_Left	22.16	/	/	15.91	/	/	<=38.45	Pass
		Edge_1RB_Right	22.17	/	/	15.92	/	/	<=38.45	Pass
	836.5	Outer_Full	22.11	/	/	15.86	/	/	<=38.45	Pass
		Inner_Full	23.12	/	/	16.87	/	/	<=38.45	Pass
		Inner_1RB_Left	23.10	/	/	16.85	/	/	<=38.45	Pass
		Inner_1RB_Right	23.15	/	/	16.90	/	/	<=38.45	Pass
		Edge_1RB_Left	22.27	/	/	16.02	/	/	<=38.45	Pass
	841.5	Edge_1RB_Right	22.24	/	/	15.99	/	/	<=38.45	Pass
		Outer_Full	22.19	/	/	15.94	/	/	<=38.45	Pass
		Inner_Full	23.20	/	/	16.95	/	/	<=38.45	Pass
		Inner_1RB_Left	23.21	/	/	16.96	/	/	<=38.45	Pass
		Inner_1RB_Right	23.19	/	/	16.94	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	22.17	/	/	15.92	/	/	<=38.45	Pass
		Edge_1RB_Right	22.14	/	/	15.89	/	/	<=38.45	Pass
		Outer_Full	22.09	/	/	15.84	/	/	<=38.45	Pass
		Inner_Full	23.15	/	/	16.90	/	/	<=38.45	Pass
		Inner_1RB_Left	23.16	/	/	16.91	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	23.13	/	/	16.88	/	/	<=38.45	Pass
		Edge_1RB_Left	21.62	/	/	15.37	/	/	<=38.45	Pass
		Edge_1RB_Right	21.69	/	/	15.44	/	/	<=38.45	Pass
		Outer_Full	21.59	/	/	15.34	/	/	<=38.45	Pass
		Inner_Full	21.64	/	/	15.39	/	/	<=38.45	Pass
	841.5	Inner_1RB_Left	21.63	/	/	15.38	/	/	<=38.45	Pass
		Inner_1RB_Right	21.65	/	/	15.40	/	/	<=38.45	Pass
		Edge_1RB_Left	21.71	/	/	15.46	/	/	<=38.45	Pass
		Edge_1RB_Right	21.66	/	/	15.41	/	/	<=38.45	Pass
		Outer_Full	21.67	/	/	15.42	/	/	<=38.45	Pass
836.5	Inner_Full	21.66	/	/	15.41	/	/	<=38.45	Pass	
	Inner_1RB_Left	21.72	/	/	15.47	/	/	<=38.45	Pass	
	Inner_1RB_Right	21.69	/	/	15.44	/	/	<=38.45	Pass	
	Edge_1RB_Left	21.70	/	/	15.45	/	/	<=38.45	Pass	



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CP-OFDM 256 QAM		Edge_1RB_Right	21.64	/	/	15.39	/	/	<=38.45	Pass
		Outer_Full	21.65	/	/	15.40	/	/	<=38.45	Pass
		Inner_Full	21.66	/	/	15.41	/	/	<=38.45	Pass
		Inner_1RB_Left	21.67	/	/	15.42	/	/	<=38.45	Pass
		Inner_1RB_Right	21.66	/	/	15.41	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	18.70	/	/	12.45	/	/	<=38.45	Pass
		Edge_1RB_Right	18.76	/	/	12.51	/	/	<=38.45	Pass
		Outer_Full	18.56	/	/	12.31	/	/	<=38.45	Pass
		Inner_Full	18.63	/	/	12.38	/	/	<=38.45	Pass
		Inner_1RB_Left	18.66	/	/	12.41	/	/	<=38.45	Pass
		Inner_1RB_Right	18.75	/	/	12.50	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.74	/	/	12.49	/	/	<=38.45	Pass
		Edge_1RB_Right	18.73	/	/	12.48	/	/	<=38.45	Pass
		Outer_Full	18.69	/	/	12.44	/	/	<=38.45	Pass
		Inner_Full	18.70	/	/	12.45	/	/	<=38.45	Pass
		Inner_1RB_Left	18.68	/	/	12.43	/	/	<=38.45	Pass
	841.5	Inner_1RB_Right	18.77	/	/	12.52	/	/	<=38.45	Pass
		Edge_1RB_Left	18.76	/	/	12.51	/	/	<=38.45	Pass
		Edge_1RB_Right	18.71	/	/	12.46	/	/	<=38.45	Pass
		Outer_Full	18.59	/	/	12.34	/	/	<=38.45	Pass
		Inner_Full	18.59	/	/	12.34	/	/	<=38.45	Pass
Inner_1RB_Left		18.73	/	/	12.48	/	/	<=38.45	Pass	
	Inner_1RB_Right	18.72	/	/	12.47	/	/	<=38.45	Pass	

Note1: Antenna Gain: Ant1: -4.10dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.4 15k_SISO_20MHz_NTNV_ERP

1.4.1 Test Result

5G NR n5 SCS=15kHz SISO 20MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge_1RB_Left	24.49	/	/	18.24	/	/	<=38.45	Pass
		Edge_1RB_Right	24.50	/	/	18.25	/	/	<=38.45	Pass
		Outer_Full	24.55	/	/	18.30	/	/	<=38.45	Pass
		Inner_Full	25.11	/	/	18.86	/	/	<=38.45	Pass
		Inner_1RB_Left	25.00	/	/	18.75	/	/	<=38.45	Pass
		Inner_1RB_Right	25.04	/	/	18.79	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.67	/	/	18.42	/	/	<=38.45	Pass
		Edge_1RB_Right	24.58	/	/	18.33	/	/	<=38.45	Pass
		Outer_Full	24.64	/	/	18.39	/	/	<=38.45	Pass
		Inner_Full	25.20	/	/	18.95	/	/	<=38.45	Pass
		Inner_1RB_Left	25.18	/	/	18.93	/	/	<=38.45	Pass
		Inner_1RB_Right	25.07	/	/	18.82	/	/	<=38.45	Pass
	839	Edge_1RB_Left	24.58	/	/	18.33	/	/	<=38.45	Pass
		Edge_1RB_Right	24.50	/	/	18.25	/	/	<=38.45	Pass
		Outer_Full	24.64	/	/	18.39	/	/	<=38.45	Pass
		Inner_Full	25.14	/	/	18.89	/	/	<=38.45	Pass
		Inner_1RB_Left	25.12	/	/	18.87	/	/	<=38.45	Pass
		Inner_1RB_Right	25.02	/	/	18.77	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	23.95	/	/	17.70	/	/	<=38.45	Pass
		Edge_1RB_Right	23.98	/	/	17.73	/	/	<=38.45	Pass
		Outer_Full	24.08	/	/	17.83	/	/	<=38.45	Pass
		Inner_Full	25.10	/	/	18.85	/	/	<=38.45	Pass
		Inner_1RB_Left	24.94	/	/	18.69	/	/	<=38.45	Pass
		Inner_1RB_Right	24.97	/	/	18.72	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.10	/	/	17.85	/	/	<=38.45	Pass
		Edge_1RB_Right	24.03	/	/	17.78	/	/	<=38.45	Pass
		Outer_Full	24.20	/	/	17.95	/	/	<=38.45	Pass
		Inner_Full	25.20	/	/	18.95	/	/	<=38.45	Pass
		Inner_1RB_Left	25.08	/	/	18.83	/	/	<=38.45	Pass
		Inner_1RB_Right	25.00	/	/	18.75	/	/	<=38.45	Pass
	839	Edge_1RB_Left	24.08	/	/	17.83	/	/	<=38.45	Pass
		Edge_1RB_Right	23.99	/	/	17.74	/	/	<=38.45	Pass
		Outer_Full	24.16	/	/	17.91	/	/	<=38.45	Pass
		Inner_Full	25.13	/	/	18.88	/	/	<=38.45	Pass
		Inner_1RB_Left	25.06	/	/	18.81	/	/	<=38.45	Pass
		Inner_1RB_Right	24.83	/	/	18.58	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	23.08	/	/	16.83	/	/	<=38.45	Pass
		Edge_1RB_Right	23.14	/	/	16.89	/	/	<=38.45	Pass
		Outer_Full	23.07	/	/	16.82	/	/	<=38.45	Pass
		Inner_Full	24.12	/	/	17.87	/	/	<=38.45	Pass
		Inner_1RB_Left	24.11	/	/	17.86	/	/	<=38.45	Pass



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	836.5	Inner_1RB_Right	24.20	/	/	17.95	/	/	<=38.45	Pass	
		Edge_1RB_Left	23.30	/	/	17.05	/	/	<=38.45	Pass	
		Edge_1RB_Right	23.24	/	/	16.99	/	/	<=38.45	Pass	
		Outer_Full	23.15	/	/	16.90	/	/	<=38.45	Pass	
		Inner_Full	24.23	/	/	17.98	/	/	<=38.45	Pass	
		Inner_1RB_Left	24.34	/	/	18.09	/	/	<=38.45	Pass	
	839	Inner_1RB_Right	24.29	/	/	18.04	/	/	<=38.45	Pass	
		Edge_1RB_Left	23.30	/	/	17.05	/	/	<=38.45	Pass	
		Edge_1RB_Right	23.20	/	/	16.95	/	/	<=38.45	Pass	
		Outer_Full	23.14	/	/	16.89	/	/	<=38.45	Pass	
		Inner_Full	24.16	/	/	17.91	/	/	<=38.45	Pass	
		Inner_1RB_Left	24.23	/	/	17.98	/	/	<=38.45	Pass	
	DFT-s-OFDM 64 QAM	834	Inner_1RB_Right	24.22	/	/	17.97	/	/	<=38.45	Pass
			Edge_1RB_Left	22.63	/	/	16.38	/	/	<=38.45	Pass
Edge_1RB_Right			22.62	/	/	16.37	/	/	<=38.45	Pass	
Outer_Full			22.54	/	/	16.29	/	/	<=38.45	Pass	
Inner_Full			22.58	/	/	16.33	/	/	<=38.45	Pass	
Inner_1RB_Left			22.68	/	/	16.43	/	/	<=38.45	Pass	
836.5		Inner_1RB_Right	22.72	/	/	16.47	/	/	<=38.45	Pass	
		Edge_1RB_Left	22.90	/	/	16.65	/	/	<=38.45	Pass	
		Edge_1RB_Right	22.74	/	/	16.49	/	/	<=38.45	Pass	
		Outer_Full	22.67	/	/	16.42	/	/	<=38.45	Pass	
		Inner_Full	22.69	/	/	16.44	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.83	/	/	16.58	/	/	<=38.45	Pass	
839		Inner_1RB_Right	22.80	/	/	16.55	/	/	<=38.45	Pass	
		Edge_1RB_Left	22.84	/	/	16.59	/	/	<=38.45	Pass	
	Edge_1RB_Right	22.77	/	/	16.52	/	/	<=38.45	Pass		
	Outer_Full	22.65	/	/	16.40	/	/	<=38.45	Pass		
	Inner_Full	22.65	/	/	16.40	/	/	<=38.45	Pass		
	Inner_1RB_Left	22.86	/	/	16.61	/	/	<=38.45	Pass		
DFT-s-OFDM 256 QAM	834	Inner_1RB_Right	22.76	/	/	16.51	/	/	<=38.45	Pass	
		Edge_1RB_Left	20.48	/	/	14.23	/	/	<=38.45	Pass	
		Edge_1RB_Right	20.45	/	/	14.20	/	/	<=38.45	Pass	
		Outer_Full	20.54	/	/	14.29	/	/	<=38.45	Pass	
		Inner_Full	20.59	/	/	14.34	/	/	<=38.45	Pass	
		Inner_1RB_Left	20.50	/	/	14.25	/	/	<=38.45	Pass	
	836.5	Inner_1RB_Right	20.53	/	/	14.28	/	/	<=38.45	Pass	
		Edge_1RB_Left	20.56	/	/	14.31	/	/	<=38.45	Pass	
		Edge_1RB_Right	20.47	/	/	14.22	/	/	<=38.45	Pass	
		Outer_Full	20.64	/	/	14.39	/	/	<=38.45	Pass	
		Inner_Full	20.66	/	/	14.41	/	/	<=38.45	Pass	
		Inner_1RB_Left	20.63	/	/	14.38	/	/	<=38.45	Pass	
	839	Inner_1RB_Right	20.55	/	/	14.30	/	/	<=38.45	Pass	
		Edge_1RB_Left	20.56	/	/	14.31	/	/	<=38.45	Pass	
Edge_1RB_Right		20.52	/	/	14.27	/	/	<=38.45	Pass		
Outer_Full		20.67	/	/	14.42	/	/	<=38.45	Pass		
Inner_Full		20.63	/	/	14.38	/	/	<=38.45	Pass		
Inner_1RB_Left		20.50	/	/	14.25	/	/	<=38.45	Pass		
		Inner_1RB_Right	20.53	/	/	14.28	/	/	<=38.45	Pass	



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CP-OFDM QPSK	834	Edge_1RB_Left	21.89	/	/	15.64	/	/	<=38.45	Pass
		Edge_1RB_Right	21.90	/	/	15.65	/	/	<=38.45	Pass
		Outer_Full	22.08	/	/	15.83	/	/	<=38.45	Pass
		Inner_Full	23.60	/	/	17.35	/	/	<=38.45	Pass
		Inner_1RB_Left	23.36	/	/	17.11	/	/	<=38.45	Pass
	Inner_1RB_Right	23.42	/	/	17.17	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	22.05	/	/	15.80	/	/	<=38.45	Pass
		Edge_1RB_Right	21.95	/	/	15.70	/	/	<=38.45	Pass
		Outer_Full	22.22	/	/	15.97	/	/	<=38.45	Pass
		Inner_Full	23.68	/	/	17.43	/	/	<=38.45	Pass
		Inner_1RB_Left	23.57	/	/	17.32	/	/	<=38.45	Pass
	Inner_1RB_Right	23.49	/	/	17.24	/	/	<=38.45	Pass	
	839	Edge_1RB_Left	22.07	/	/	15.82	/	/	<=38.45	Pass
		Edge_1RB_Right	21.90	/	/	15.65	/	/	<=38.45	Pass
		Outer_Full	22.19	/	/	15.94	/	/	<=38.45	Pass
Inner_Full		23.68	/	/	17.43	/	/	<=38.45	Pass	
Inner_1RB_Left		23.48	/	/	17.23	/	/	<=38.45	Pass	
Inner_1RB_Right	23.42	/	/	17.17	/	/	<=38.45	Pass		
CP-OFDM 16 QAM	834	Edge_1RB_Left	22.14	/	/	15.89	/	/	<=38.45	Pass
		Edge_1RB_Right	22.17	/	/	15.92	/	/	<=38.45	Pass
		Outer_Full	22.05	/	/	15.80	/	/	<=38.45	Pass
		Inner_Full	23.10	/	/	16.85	/	/	<=38.45	Pass
		Inner_1RB_Left	23.10	/	/	16.85	/	/	<=38.45	Pass
	Inner_1RB_Right	23.13	/	/	16.88	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	22.31	/	/	16.06	/	/	<=38.45	Pass
		Edge_1RB_Right	22.18	/	/	15.93	/	/	<=38.45	Pass
		Outer_Full	22.14	/	/	15.89	/	/	<=38.45	Pass
		Inner_Full	23.16	/	/	16.91	/	/	<=38.45	Pass
		Inner_1RB_Left	23.24	/	/	16.99	/	/	<=38.45	Pass
	Inner_1RB_Right	23.16	/	/	16.91	/	/	<=38.45	Pass	
	839	Edge_1RB_Left	22.27	/	/	16.02	/	/	<=38.45	Pass
		Edge_1RB_Right	22.15	/	/	15.90	/	/	<=38.45	Pass
		Outer_Full	22.17	/	/	15.92	/	/	<=38.45	Pass
Inner_Full		23.17	/	/	16.92	/	/	<=38.45	Pass	
Inner_1RB_Left		23.22	/	/	16.97	/	/	<=38.45	Pass	
Inner_1RB_Right	23.11	/	/	16.86	/	/	<=38.45	Pass		
CP-OFDM 64 QAM	834	Edge_1RB_Left	21.58	/	/	15.33	/	/	<=38.45	Pass
		Edge_1RB_Right	21.62	/	/	15.37	/	/	<=38.45	Pass
		Outer_Full	21.55	/	/	15.30	/	/	<=38.45	Pass
		Inner_Full	21.55	/	/	15.30	/	/	<=38.45	Pass
		Inner_1RB_Left	21.58	/	/	15.33	/	/	<=38.45	Pass
	Inner_1RB_Right	21.64	/	/	15.39	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	21.76	/	/	15.51	/	/	<=38.45	Pass
		Edge_1RB_Right	21.66	/	/	15.41	/	/	<=38.45	Pass
		Outer_Full	21.64	/	/	15.39	/	/	<=38.45	Pass
		Inner_Full	21.64	/	/	15.39	/	/	<=38.45	Pass
		Inner_1RB_Left	21.73	/	/	15.48	/	/	<=38.45	Pass
	Inner_1RB_Right	21.66	/	/	15.41	/	/	<=38.45	Pass	
	839	Edge_1RB_Left	21.70	/	/	15.45	/	/	<=38.45	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	21.60	/	/	15.35	/	/	<=38.45	Pass	
		Outer_Full	21.64	/	/	15.39	/	/	<=38.45	Pass	
		Inner_Full	21.61	/	/	15.36	/	/	<=38.45	Pass	
		Inner_1RB_Left	21.69	/	/	15.44	/	/	<=38.45	Pass	
		Inner_1RB_Right	21.63	/	/	15.38	/	/	<=38.45	Pass	
	834	Edge_1RB_Left	18.66	/	/	12.41	/	/	<=38.45	Pass	
		Edge_1RB_Right	18.62	/	/	12.37	/	/	<=38.45	Pass	
		Outer_Full	18.54	/	/	12.29	/	/	<=38.45	Pass	
		Inner_Full	18.57	/	/	12.32	/	/	<=38.45	Pass	
		Inner_1RB_Left	18.61	/	/	12.36	/	/	<=38.45	Pass	
		Inner_1RB_Right	18.66	/	/	12.41	/	/	<=38.45	Pass	
		836.5	Edge_1RB_Left	18.75	/	/	12.50	/	/	<=38.45	Pass
			Edge_1RB_Right	18.67	/	/	12.42	/	/	<=38.45	Pass
			Outer_Full	18.66	/	/	12.41	/	/	<=38.45	Pass
			Inner_Full	18.65	/	/	12.40	/	/	<=38.45	Pass
			Inner_1RB_Left	18.67	/	/	12.42	/	/	<=38.45	Pass
		839	Inner_1RB_Right	18.78	/	/	12.53	/	/	<=38.45	Pass
			Edge_1RB_Left	18.72	/	/	12.47	/	/	<=38.45	Pass
			Edge_1RB_Right	18.60	/	/	12.35	/	/	<=38.45	Pass
			Outer_Full	18.62	/	/	12.37	/	/	<=38.45	Pass
Inner_Full	18.62		/	/	12.37	/	/	<=38.45	Pass		
	Inner_1RB_Left	18.64	/	/	12.39	/	/	<=38.45	Pass		
	Inner_1RB_Right	18.65	/	/	12.40	/	/	<=38.45	Pass		

Note1: Antenna Gain: Ant1: -4.10dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.5 30k_SISO_10MHz_NTNV_ERP

1.5.1 Test Result

5G NR n5 SCS=30kHz SISO 10MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Edge_1RB_Left	24.64	/	/	18.39	/	/	<=38.45	Pass
		Edge_1RB_Right	24.71	/	/	18.46	/	/	<=38.45	Pass
		Outer_Full	24.68	/	/	18.43	/	/	<=38.45	Pass
		Inner_Full	25.19	/	/	18.94	/	/	<=38.45	Pass
		Inner_1RB_Left	25.13	/	/	18.88	/	/	<=38.45	Pass
		Inner_1RB_Right	25.18	/	/	18.93	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.73	/	/	18.48	/	/	<=38.45	Pass
		Edge_1RB_Right	24.62	/	/	18.37	/	/	<=38.45	Pass
		Outer_Full	24.72	/	/	18.47	/	/	<=38.45	Pass
		Inner_Full	25.31	/	/	19.06	/	/	<=38.45	Pass
		Inner_1RB_Left	25.19	/	/	18.94	/	/	<=38.45	Pass
		Inner_1RB_Right	25.13	/	/	18.88	/	/	<=38.45	Pass
	844	Edge_1RB_Left	24.58	/	/	18.33	/	/	<=38.45	Pass
		Edge_1RB_Right	24.50	/	/	18.25	/	/	<=38.45	Pass
		Outer_Full	24.63	/	/	18.38	/	/	<=38.45	Pass
		Inner_Full	25.08	/	/	18.83	/	/	<=38.45	Pass
		Inner_1RB_Left	25.06	/	/	18.81	/	/	<=38.45	Pass
		Inner_1RB_Right	25.06	/	/	18.81	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Edge_1RB_Left	24.12	/	/	17.87	/	/	<=38.45	Pass
		Edge_1RB_Right	24.08	/	/	17.83	/	/	<=38.45	Pass
		Outer_Full	24.23	/	/	17.98	/	/	<=38.45	Pass
		Inner_Full	25.32	/	/	19.07	/	/	<=38.45	Pass
		Inner_1RB_Left	25.06	/	/	18.81	/	/	<=38.45	Pass
		Inner_1RB_Right	25.09	/	/	18.84	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.16	/	/	17.91	/	/	<=38.45	Pass
		Edge_1RB_Right	24.14	/	/	17.89	/	/	<=38.45	Pass
		Outer_Full	24.12	/	/	17.87	/	/	<=38.45	Pass
		Inner_Full	25.34	/	/	19.09	/	/	<=38.45	Pass
		Inner_1RB_Left	25.06	/	/	18.81	/	/	<=38.45	Pass
		Inner_1RB_Right	25.11	/	/	18.86	/	/	<=38.45	Pass
	844	Edge_1RB_Left	24.06	/	/	17.81	/	/	<=38.45	Pass
		Edge_1RB_Right	24.02	/	/	17.77	/	/	<=38.45	Pass
		Outer_Full	24.12	/	/	17.87	/	/	<=38.45	Pass
		Inner_Full	25.17	/	/	18.92	/	/	<=38.45	Pass
		Inner_1RB_Left	25.02	/	/	18.77	/	/	<=38.45	Pass
		Inner_1RB_Right	24.95	/	/	18.70	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Edge_1RB_Left	23.30	/	/	17.05	/	/	<=38.45	Pass
		Edge_1RB_Right	23.39	/	/	17.14	/	/	<=38.45	Pass
		Outer_Full	23.10	/	/	16.85	/	/	<=38.45	Pass
		Inner_Full	24.18	/	/	17.93	/	/	<=38.45	Pass
		Inner_1RB_Left	24.31	/	/	18.06	/	/	<=38.45	Pass



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	836.5	Inner_1RB_Right	24.43	/	/	18.18	/	/	<=38.45	Pass	
		Edge_1RB_Left	23.38	/	/	17.13	/	/	<=38.45	Pass	
		Edge_1RB_Right	23.33	/	/	17.08	/	/	<=38.45	Pass	
		Outer_Full	23.16	/	/	16.91	/	/	<=38.45	Pass	
		Inner_Full	24.15	/	/	17.90	/	/	<=38.45	Pass	
		Inner_1RB_Left	24.45	/	/	18.20	/	/	<=38.45	Pass	
	844	Inner_1RB_Right	24.30	/	/	18.05	/	/	<=38.45	Pass	
		Edge_1RB_Left	23.24	/	/	16.99	/	/	<=38.45	Pass	
		Edge_1RB_Right	23.25	/	/	17.00	/	/	<=38.45	Pass	
		Outer_Full	23.14	/	/	16.89	/	/	<=38.45	Pass	
		Inner_Full	24.11	/	/	17.86	/	/	<=38.45	Pass	
		Inner_1RB_Left	24.29	/	/	18.04	/	/	<=38.45	Pass	
	DFT-s-OFDM 64 QAM	829	Inner_1RB_Right	24.28	/	/	18.03	/	/	<=38.45	Pass
			Edge_1RB_Left	22.71	/	/	16.46	/	/	<=38.45	Pass
Edge_1RB_Right			22.70	/	/	16.45	/	/	<=38.45	Pass	
Outer_Full			22.71	/	/	16.46	/	/	<=38.45	Pass	
Inner_Full			22.64	/	/	16.39	/	/	<=38.45	Pass	
Inner_1RB_Left			22.68	/	/	16.43	/	/	<=38.45	Pass	
836.5		Inner_1RB_Right	22.78	/	/	16.53	/	/	<=38.45	Pass	
		Edge_1RB_Left	22.76	/	/	16.51	/	/	<=38.45	Pass	
		Edge_1RB_Right	22.76	/	/	16.51	/	/	<=38.45	Pass	
		Outer_Full	22.79	/	/	16.54	/	/	<=38.45	Pass	
		Inner_Full	22.72	/	/	16.47	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.78	/	/	16.53	/	/	<=38.45	Pass	
844		Inner_1RB_Right	22.74	/	/	16.49	/	/	<=38.45	Pass	
		Edge_1RB_Left	22.68	/	/	16.43	/	/	<=38.45	Pass	
	Edge_1RB_Right	22.60	/	/	16.35	/	/	<=38.45	Pass		
	Outer_Full	22.69	/	/	16.44	/	/	<=38.45	Pass		
	Inner_Full	22.60	/	/	16.35	/	/	<=38.45	Pass		
	Inner_1RB_Left	22.70	/	/	16.45	/	/	<=38.45	Pass		
DFT-s-OFDM 256 QAM	829	Inner_1RB_Right	22.62	/	/	16.37	/	/	<=38.45	Pass	
		Edge_1RB_Left	20.70	/	/	14.45	/	/	<=38.45	Pass	
		Edge_1RB_Right	20.80	/	/	14.55	/	/	<=38.45	Pass	
		Outer_Full	20.77	/	/	14.52	/	/	<=38.45	Pass	
		Inner_Full	20.84	/	/	14.59	/	/	<=38.45	Pass	
		Inner_1RB_Left	20.79	/	/	14.54	/	/	<=38.45	Pass	
	836.5	Inner_1RB_Right	20.75	/	/	14.50	/	/	<=38.45	Pass	
		Edge_1RB_Left	20.79	/	/	14.54	/	/	<=38.45	Pass	
		Edge_1RB_Right	20.78	/	/	14.53	/	/	<=38.45	Pass	
		Outer_Full	20.66	/	/	14.41	/	/	<=38.45	Pass	
		Inner_Full	20.76	/	/	14.51	/	/	<=38.45	Pass	
		Inner_1RB_Left	20.79	/	/	14.54	/	/	<=38.45	Pass	
	844	Inner_1RB_Right	20.83	/	/	14.58	/	/	<=38.45	Pass	
		Edge_1RB_Left	20.73	/	/	14.48	/	/	<=38.45	Pass	
Edge_1RB_Right		20.64	/	/	14.39	/	/	<=38.45	Pass		
Outer_Full		20.58	/	/	14.33	/	/	<=38.45	Pass		
Inner_Full		20.54	/	/	14.29	/	/	<=38.45	Pass		
Inner_1RB_Left		20.65	/	/	14.40	/	/	<=38.45	Pass		
		Inner_1RB_Right	20.64	/	/	14.39	/	/	<=38.45	Pass	



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CP-OFDM QPSK	829	Edge_1RB_Left	22.06	/	/	15.81	/	/	<=38.45	Pass
		Edge_1RB_Right	22.08	/	/	15.83	/	/	<=38.45	Pass
		Outer_Full	22.19	/	/	15.94	/	/	<=38.45	Pass
		Inner_Full	23.52	/	/	17.27	/	/	<=38.45	Pass
		Inner_1RB_Left	23.67	/	/	17.42	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	23.58	/	/	17.33	/	/	<=38.45	Pass
		Edge_1RB_Left	22.08	/	/	15.83	/	/	<=38.45	Pass
		Edge_1RB_Right	22.02	/	/	15.77	/	/	<=38.45	Pass
		Outer_Full	22.14	/	/	15.89	/	/	<=38.45	Pass
		Inner_Full	23.61	/	/	17.36	/	/	<=38.45	Pass
	844	Inner_1RB_Left	23.67	/	/	17.42	/	/	<=38.45	Pass
		Inner_1RB_Right	23.51	/	/	17.26	/	/	<=38.45	Pass
		Edge_1RB_Left	21.99	/	/	15.74	/	/	<=38.45	Pass
		Edge_1RB_Right	21.91	/	/	15.66	/	/	<=38.45	Pass
		Outer_Full	22.08	/	/	15.83	/	/	<=38.45	Pass
CP-OFDM 16 QAM	829	Inner_Full	23.48	/	/	17.23	/	/	<=38.45	Pass
		Inner_1RB_Left	23.35	/	/	17.10	/	/	<=38.45	Pass
		Inner_1RB_Right	23.49	/	/	17.24	/	/	<=38.45	Pass
		Edge_1RB_Left	22.26	/	/	16.01	/	/	<=38.45	Pass
		Edge_1RB_Right	22.34	/	/	16.09	/	/	<=38.45	Pass
	836.5	Outer_Full	22.22	/	/	15.97	/	/	<=38.45	Pass
		Inner_Full	23.07	/	/	16.82	/	/	<=38.45	Pass
		Inner_1RB_Left	23.20	/	/	16.95	/	/	<=38.45	Pass
		Inner_1RB_Right	23.24	/	/	16.99	/	/	<=38.45	Pass
		Edge_1RB_Left	22.31	/	/	16.06	/	/	<=38.45	Pass
	844	Edge_1RB_Right	22.33	/	/	16.08	/	/	<=38.45	Pass
		Outer_Full	22.08	/	/	15.83	/	/	<=38.45	Pass
		Inner_Full	23.08	/	/	16.83	/	/	<=38.45	Pass
		Inner_1RB_Left	23.24	/	/	16.99	/	/	<=38.45	Pass
		Inner_1RB_Right	23.24	/	/	16.99	/	/	<=38.45	Pass
CP-OFDM 64 QAM	829	Edge_1RB_Left	22.23	/	/	15.98	/	/	<=38.45	Pass
		Edge_1RB_Right	22.13	/	/	15.88	/	/	<=38.45	Pass
		Outer_Full	22.08	/	/	15.83	/	/	<=38.45	Pass
		Inner_Full	23.09	/	/	16.84	/	/	<=38.45	Pass
		Inner_1RB_Left	23.19	/	/	16.94	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	23.15	/	/	16.90	/	/	<=38.45	Pass
		Edge_1RB_Left	21.85	/	/	15.60	/	/	<=38.45	Pass
		Edge_1RB_Right	21.88	/	/	15.63	/	/	<=38.45	Pass
		Outer_Full	21.59	/	/	15.34	/	/	<=38.45	Pass
		Inner_Full	21.75	/	/	15.50	/	/	<=38.45	Pass
	844	Inner_1RB_Left	21.87	/	/	15.62	/	/	<=38.45	Pass
		Inner_1RB_Right	21.92	/	/	15.67	/	/	<=38.45	Pass
		Edge_1RB_Left	21.88	/	/	15.63	/	/	<=38.45	Pass
		Edge_1RB_Right	21.85	/	/	15.60	/	/	<=38.45	Pass
		Outer_Full	21.69	/	/	15.44	/	/	<=38.45	Pass
844	Inner_Full	21.88	/	/	15.63	/	/	<=38.45	Pass	
	Inner_1RB_Left	21.94	/	/	15.69	/	/	<=38.45	Pass	
	Inner_1RB_Right	21.88	/	/	15.63	/	/	<=38.45	Pass	
844	Edge_1RB_Left	21.79	/	/	15.54	/	/	<=38.45	Pass	



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		Edge_1RB_Right	21.74	/	/	15.49	/	/	<=38.45	Pass
		Outer_Full	21.65	/	/	15.40	/	/	<=38.45	Pass
		Inner_Full	21.76	/	/	15.51	/	/	<=38.45	Pass
		Inner_1RB_Left	21.76	/	/	15.51	/	/	<=38.45	Pass
		Inner_1RB_Right	21.74	/	/	15.49	/	/	<=38.45	Pass
CP-OFDM 256 QAM	829	Edge_1RB_Left	18.87	/	/	12.62	/	/	<=38.45	Pass
		Edge_1RB_Right	18.89	/	/	12.64	/	/	<=38.45	Pass
		Outer_Full	18.63	/	/	12.38	/	/	<=38.45	Pass
		Inner_Full	18.47	/	/	12.22	/	/	<=38.45	Pass
		Inner_1RB_Left	18.82	/	/	12.57	/	/	<=38.45	Pass
		Inner_1RB_Right	18.85	/	/	12.60	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.89	/	/	12.64	/	/	<=38.45	Pass
		Edge_1RB_Right	18.88	/	/	12.63	/	/	<=38.45	Pass
		Outer_Full	18.64	/	/	12.39	/	/	<=38.45	Pass
		Inner_Full	18.76	/	/	12.51	/	/	<=38.45	Pass
		Inner_1RB_Left	18.89	/	/	12.64	/	/	<=38.45	Pass
		Inner_1RB_Right	18.84	/	/	12.59	/	/	<=38.45	Pass
	844	Edge_1RB_Left	18.77	/	/	12.52	/	/	<=38.45	Pass
		Edge_1RB_Right	18.58	/	/	12.33	/	/	<=38.45	Pass
		Outer_Full	18.56	/	/	12.31	/	/	<=38.45	Pass
		Inner_Full	18.64	/	/	12.39	/	/	<=38.45	Pass
		Inner_1RB_Left	18.80	/	/	12.55	/	/	<=38.45	Pass
		Inner_1RB_Right	18.71	/	/	12.46	/	/	<=38.45	Pass

Note1: Antenna Gain: Ant1: -4.10dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.6 30k_SISO_15MHz_NTNV_ERP

1.6.1 Test Result

5G NR n5 SCS=30kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	24.57	/	/	18.32	/	/	<=38.45	Pass
		Edge_1RB_Right	24.63	/	/	18.38	/	/	<=38.45	Pass
		Outer_Full	24.69	/	/	18.44	/	/	<=38.45	Pass
		Inner_Full	25.15	/	/	18.90	/	/	<=38.45	Pass
		Inner_1RB_Left	25.07	/	/	18.82	/	/	<=38.45	Pass
		Inner_1RB_Right	25.12	/	/	18.87	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.67	/	/	18.42	/	/	<=38.45	Pass
		Edge_1RB_Right	24.62	/	/	18.37	/	/	<=38.45	Pass
		Outer_Full	24.68	/	/	18.43	/	/	<=38.45	Pass
		Inner_Full	25.19	/	/	18.94	/	/	<=38.45	Pass
		Inner_1RB_Left	25.18	/	/	18.93	/	/	<=38.45	Pass
		Inner_1RB_Right	25.14	/	/	18.89	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	24.63	/	/	18.38	/	/	<=38.45	Pass
		Edge_1RB_Right	24.57	/	/	18.32	/	/	<=38.45	Pass
		Outer_Full	24.59	/	/	18.34	/	/	<=38.45	Pass
		Inner_Full	25.17	/	/	18.92	/	/	<=38.45	Pass
		Inner_1RB_Left	25.09	/	/	18.84	/	/	<=38.45	Pass
		Inner_1RB_Right	25.05	/	/	18.80	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	24.09	/	/	17.84	/	/	<=38.45	Pass
		Edge_1RB_Right	24.09	/	/	17.84	/	/	<=38.45	Pass
		Outer_Full	24.17	/	/	17.92	/	/	<=38.45	Pass
		Inner_Full	25.14	/	/	18.89	/	/	<=38.45	Pass
		Inner_1RB_Left	25.03	/	/	18.78	/	/	<=38.45	Pass
		Inner_1RB_Right	24.91	/	/	18.66	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.15	/	/	17.90	/	/	<=38.45	Pass
		Edge_1RB_Right	24.08	/	/	17.83	/	/	<=38.45	Pass
		Outer_Full	24.17	/	/	17.92	/	/	<=38.45	Pass
		Inner_Full	25.15	/	/	18.90	/	/	<=38.45	Pass
		Inner_1RB_Left	25.08	/	/	18.83	/	/	<=38.45	Pass
		Inner_1RB_Right	25.08	/	/	18.83	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	24.02	/	/	17.77	/	/	<=38.45	Pass
		Edge_1RB_Right	24.03	/	/	17.78	/	/	<=38.45	Pass
		Outer_Full	24.10	/	/	17.85	/	/	<=38.45	Pass
		Inner_Full	25.08	/	/	18.83	/	/	<=38.45	Pass
		Inner_1RB_Left	25.02	/	/	18.77	/	/	<=38.45	Pass
		Inner_1RB_Right	24.99	/	/	18.74	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge_1RB_Left	23.24	/	/	16.99	/	/	<=38.45	Pass
		Edge_1RB_Right	23.26	/	/	17.01	/	/	<=38.45	Pass
		Outer_Full	23.15	/	/	16.90	/	/	<=38.45	Pass
		Inner_Full	24.17	/	/	17.92	/	/	<=38.45	Pass
		Inner_1RB_Left	24.24	/	/	17.99	/	/	<=38.45	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 channel (831.5, 836.5, 841.5).



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CP-OFDM QPSK	831.5	Edge_1RB_Left	21.95	/	/	15.70	/	/	<=38.45	Pass
		Edge_1RB_Right	21.92	/	/	15.67	/	/	<=38.45	Pass
		Outer_Full	22.15	/	/	15.90	/	/	<=38.45	Pass
		Inner_Full	23.66	/	/	17.41	/	/	<=38.45	Pass
		Inner_1RB_Left	23.39	/	/	17.14	/	/	<=38.45	Pass
	Inner_1RB_Right	23.41	/	/	17.16	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	22.03	/	/	15.78	/	/	<=38.45	Pass
		Edge_1RB_Right	21.95	/	/	15.70	/	/	<=38.45	Pass
		Outer_Full	22.21	/	/	15.96	/	/	<=38.45	Pass
		Inner_Full	23.62	/	/	17.37	/	/	<=38.45	Pass
		Inner_1RB_Left	23.52	/	/	17.27	/	/	<=38.45	Pass
	Inner_1RB_Right	23.46	/	/	17.21	/	/	<=38.45	Pass	
	841.5	Edge_1RB_Left	21.94	/	/	15.69	/	/	<=38.45	Pass
		Edge_1RB_Right	21.89	/	/	15.64	/	/	<=38.45	Pass
		Outer_Full	22.16	/	/	15.91	/	/	<=38.45	Pass
Inner_Full		23.67	/	/	17.42	/	/	<=38.45	Pass	
Inner_1RB_Left		23.50	/	/	17.25	/	/	<=38.45	Pass	
Inner_1RB_Right	23.49	/	/	17.24	/	/	<=38.45	Pass		
CP-OFDM 16 QAM	831.5	Edge_1RB_Left	22.17	/	/	15.92	/	/	<=38.45	Pass
		Edge_1RB_Right	22.16	/	/	15.91	/	/	<=38.45	Pass
		Outer_Full	22.17	/	/	15.92	/	/	<=38.45	Pass
		Inner_Full	23.20	/	/	16.95	/	/	<=38.45	Pass
		Inner_1RB_Left	23.13	/	/	16.88	/	/	<=38.45	Pass
	Inner_1RB_Right	23.08	/	/	16.83	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	22.28	/	/	16.03	/	/	<=38.45	Pass
		Edge_1RB_Right	22.27	/	/	16.02	/	/	<=38.45	Pass
		Outer_Full	22.21	/	/	15.96	/	/	<=38.45	Pass
		Inner_Full	23.31	/	/	17.06	/	/	<=38.45	Pass
		Inner_1RB_Left	23.17	/	/	16.92	/	/	<=38.45	Pass
	Inner_1RB_Right	23.17	/	/	16.92	/	/	<=38.45	Pass	
	841.5	Edge_1RB_Left	22.16	/	/	15.91	/	/	<=38.45	Pass
		Edge_1RB_Right	22.16	/	/	15.91	/	/	<=38.45	Pass
		Outer_Full	22.14	/	/	15.89	/	/	<=38.45	Pass
Inner_Full		23.23	/	/	16.98	/	/	<=38.45	Pass	
Inner_1RB_Left		23.14	/	/	16.89	/	/	<=38.45	Pass	
Inner_1RB_Right	23.01	/	/	16.76	/	/	<=38.45	Pass		
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	21.77	/	/	15.52	/	/	<=38.45	Pass
		Edge_1RB_Right	21.76	/	/	15.51	/	/	<=38.45	Pass
		Outer_Full	21.60	/	/	15.35	/	/	<=38.45	Pass
		Inner_Full	21.64	/	/	15.39	/	/	<=38.45	Pass
		Inner_1RB_Left	21.72	/	/	15.47	/	/	<=38.45	Pass
	Inner_1RB_Right	21.77	/	/	15.52	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	21.86	/	/	15.61	/	/	<=38.45	Pass
		Edge_1RB_Right	21.72	/	/	15.47	/	/	<=38.45	Pass
		Outer_Full	21.59	/	/	15.34	/	/	<=38.45	Pass
		Inner_Full	21.66	/	/	15.41	/	/	<=38.45	Pass
		Inner_1RB_Left	21.87	/	/	15.62	/	/	<=38.45	Pass
	Inner_1RB_Right	21.81	/	/	15.56	/	/	<=38.45	Pass	
	841.5	Edge_1RB_Left	21.78	/	/	15.53	/	/	<=38.45	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	21.72	/	/	15.47	/	/	<=38.45	Pass
		Outer_Full	21.60	/	/	15.35	/	/	<=38.45	Pass
		Inner_Full	21.66	/	/	15.41	/	/	<=38.45	Pass
		Inner_1RB_Left	21.79	/	/	15.54	/	/	<=38.45	Pass
		Inner_1RB_Right	21.72	/	/	15.47	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	18.72	/	/	12.47	/	/	<=38.45	Pass
		Edge_1RB_Right	18.75	/	/	12.50	/	/	<=38.45	Pass
		Outer_Full	18.57	/	/	12.32	/	/	<=38.45	Pass
		Inner_Full	18.58	/	/	12.33	/	/	<=38.45	Pass
		Inner_1RB_Left	18.75	/	/	12.50	/	/	<=38.45	Pass
		Inner_1RB_Right	18.75	/	/	12.50	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.77	/	/	12.52	/	/	<=38.45	Pass
		Edge_1RB_Right	18.78	/	/	12.53	/	/	<=38.45	Pass
		Outer_Full	18.68	/	/	12.43	/	/	<=38.45	Pass
		Inner_Full	18.74	/	/	12.49	/	/	<=38.45	Pass
		Inner_1RB_Left	18.76	/	/	12.51	/	/	<=38.45	Pass
	841.5	Inner_1RB_Right	18.79	/	/	12.54	/	/	<=38.45	Pass
		Edge_1RB_Left	18.77	/	/	12.52	/	/	<=38.45	Pass
		Edge_1RB_Right	18.66	/	/	12.41	/	/	<=38.45	Pass
		Outer_Full	18.55	/	/	12.30	/	/	<=38.45	Pass
		Inner_Full	18.62	/	/	12.37	/	/	<=38.45	Pass
Inner_1RB_Left		18.74	/	/	12.49	/	/	<=38.45	Pass	
	Inner_1RB_Right	18.71	/	/	12.46	/	/	<=38.45	Pass	

Note1: Antenna Gain: Ant1: -4.10dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.7 30k_SISO_20MHz_NTNV_ERP

1.7.1 Test Result

5G NR n5 SCS=30kHz SISO 20MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge_1RB_Left	24.57	/	/	18.32	/	/	<=38.45	Pass
		Edge_1RB_Right	24.55	/	/	18.30	/	/	<=38.45	Pass
		Outer_Full	24.56	/	/	18.31	/	/	<=38.45	Pass
		Inner_Full	25.03	/	/	18.78	/	/	<=38.45	Pass
		Inner_1RB_Left	25.03	/	/	18.78	/	/	<=38.45	Pass
		Inner_1RB_Right	25.07	/	/	18.82	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.72	/	/	18.47	/	/	<=38.45	Pass
		Edge_1RB_Right	24.63	/	/	18.38	/	/	<=38.45	Pass
		Outer_Full	24.68	/	/	18.43	/	/	<=38.45	Pass
		Inner_Full	25.18	/	/	18.93	/	/	<=38.45	Pass
		Inner_1RB_Left	25.21	/	/	18.96	/	/	<=38.45	Pass
		Inner_1RB_Right	25.12	/	/	18.87	/	/	<=38.45	Pass
	839	Edge_1RB_Left	24.70	/	/	18.45	/	/	<=38.45	Pass
		Edge_1RB_Right	24.61	/	/	18.36	/	/	<=38.45	Pass
		Outer_Full	24.66	/	/	18.41	/	/	<=38.45	Pass
		Inner_Full	25.21	/	/	18.96	/	/	<=38.45	Pass
		Inner_1RB_Left	25.15	/	/	18.90	/	/	<=38.45	Pass
		Inner_1RB_Right	25.06	/	/	18.81	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	24.02	/	/	17.77	/	/	<=38.45	Pass
		Edge_1RB_Right	24.07	/	/	17.82	/	/	<=38.45	Pass
		Outer_Full	24.02	/	/	17.77	/	/	<=38.45	Pass
		Inner_Full	25.08	/	/	18.83	/	/	<=38.45	Pass
		Inner_1RB_Left	24.94	/	/	18.69	/	/	<=38.45	Pass
		Inner_1RB_Right	25.00	/	/	18.75	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.15	/	/	17.90	/	/	<=38.45	Pass
		Edge_1RB_Right	24.10	/	/	17.85	/	/	<=38.45	Pass
		Outer_Full	24.21	/	/	17.96	/	/	<=38.45	Pass
		Inner_Full	25.23	/	/	18.98	/	/	<=38.45	Pass
		Inner_1RB_Left	25.07	/	/	18.82	/	/	<=38.45	Pass
		Inner_1RB_Right	25.03	/	/	18.78	/	/	<=38.45	Pass
	839	Edge_1RB_Left	24.09	/	/	17.84	/	/	<=38.45	Pass
		Edge_1RB_Right	24.02	/	/	17.77	/	/	<=38.45	Pass
		Outer_Full	24.13	/	/	17.88	/	/	<=38.45	Pass
		Inner_Full	25.16	/	/	18.91	/	/	<=38.45	Pass
		Inner_1RB_Left	25.09	/	/	18.84	/	/	<=38.45	Pass
		Inner_1RB_Right	24.96	/	/	18.71	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	23.16	/	/	16.91	/	/	<=38.45	Pass
		Edge_1RB_Right	23.19	/	/	16.94	/	/	<=38.45	Pass
		Outer_Full	23.04	/	/	16.79	/	/	<=38.45	Pass
		Inner_Full	24.15	/	/	17.90	/	/	<=38.45	Pass
		Inner_1RB_Left	24.15	/	/	17.90	/	/	<=38.45	Pass



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	836.5	Inner_1RB_Right	24.20	/	/	17.95	/	/	<=38.45	Pass	
		Edge_1RB_Left	23.34	/	/	17.09	/	/	<=38.45	Pass	
		Edge_1RB_Right	23.28	/	/	17.03	/	/	<=38.45	Pass	
		Outer_Full	23.18	/	/	16.93	/	/	<=38.45	Pass	
		Inner_Full	24.11	/	/	17.86	/	/	<=38.45	Pass	
		Inner_1RB_Left	24.33	/	/	18.08	/	/	<=38.45	Pass	
	839	Inner_1RB_Right	24.31	/	/	18.06	/	/	<=38.45	Pass	
		Edge_1RB_Left	23.29	/	/	17.04	/	/	<=38.45	Pass	
		Edge_1RB_Right	23.24	/	/	16.99	/	/	<=38.45	Pass	
		Outer_Full	23.11	/	/	16.86	/	/	<=38.45	Pass	
		Inner_Full	24.21	/	/	17.96	/	/	<=38.45	Pass	
		Inner_1RB_Left	24.26	/	/	18.01	/	/	<=38.45	Pass	
	DFT-s-OFDM 64 QAM	834	Inner_1RB_Right	24.26	/	/	18.01	/	/	<=38.45	Pass
			Edge_1RB_Left	22.69	/	/	16.44	/	/	<=38.45	Pass
Edge_1RB_Right			22.78	/	/	16.53	/	/	<=38.45	Pass	
Outer_Full			22.52	/	/	16.27	/	/	<=38.45	Pass	
Inner_Full			22.68	/	/	16.43	/	/	<=38.45	Pass	
Inner_1RB_Left			22.77	/	/	16.52	/	/	<=38.45	Pass	
836.5		Inner_1RB_Right	22.78	/	/	16.53	/	/	<=38.45	Pass	
		Edge_1RB_Left	22.89	/	/	16.64	/	/	<=38.45	Pass	
		Edge_1RB_Right	22.77	/	/	16.52	/	/	<=38.45	Pass	
		Outer_Full	22.73	/	/	16.48	/	/	<=38.45	Pass	
		Inner_Full	22.73	/	/	16.48	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.90	/	/	16.65	/	/	<=38.45	Pass	
839		Inner_1RB_Right	22.81	/	/	16.56	/	/	<=38.45	Pass	
		Edge_1RB_Left	22.79	/	/	16.54	/	/	<=38.45	Pass	
	Edge_1RB_Right	22.68	/	/	16.43	/	/	<=38.45	Pass		
	Outer_Full	22.69	/	/	16.44	/	/	<=38.45	Pass		
	Inner_Full	22.71	/	/	16.46	/	/	<=38.45	Pass		
	Inner_1RB_Left	22.71	/	/	16.46	/	/	<=38.45	Pass		
DFT-s-OFDM 256 QAM	834	Inner_1RB_Right	22.67	/	/	16.42	/	/	<=38.45	Pass	
		Edge_1RB_Left	20.68	/	/	14.43	/	/	<=38.45	Pass	
		Edge_1RB_Right	20.69	/	/	14.44	/	/	<=38.45	Pass	
		Outer_Full	20.46	/	/	14.21	/	/	<=38.45	Pass	
		Inner_Full	20.51	/	/	14.26	/	/	<=38.45	Pass	
		Inner_1RB_Left	20.67	/	/	14.42	/	/	<=38.45	Pass	
	836.5	Inner_1RB_Right	20.71	/	/	14.46	/	/	<=38.45	Pass	
		Edge_1RB_Left	20.82	/	/	14.57	/	/	<=38.45	Pass	
		Edge_1RB_Right	20.76	/	/	14.51	/	/	<=38.45	Pass	
		Outer_Full	20.67	/	/	14.42	/	/	<=38.45	Pass	
		Inner_Full	20.63	/	/	14.38	/	/	<=38.45	Pass	
		Inner_1RB_Left	20.85	/	/	14.60	/	/	<=38.45	Pass	
	839	Inner_1RB_Right	20.70	/	/	14.45	/	/	<=38.45	Pass	
		Edge_1RB_Left	20.83	/	/	14.58	/	/	<=38.45	Pass	
Edge_1RB_Right		20.69	/	/	14.44	/	/	<=38.45	Pass		
Outer_Full		20.69	/	/	14.44	/	/	<=38.45	Pass		
Inner_Full		20.66	/	/	14.41	/	/	<=38.45	Pass		
Inner_1RB_Left		20.86	/	/	14.61	/	/	<=38.45	Pass		
		Inner_1RB_Right	20.70	/	/	14.45	/	/	<=38.45	Pass	



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CP-OFDM QPSK	834	Edge_1RB_Left	21.91	/	/	15.66	/	/	<=38.45	Pass
		Edge_1RB_Right	21.95	/	/	15.70	/	/	<=38.45	Pass
		Outer_Full	21.96	/	/	15.71	/	/	<=38.45	Pass
		Inner_Full	23.56	/	/	17.31	/	/	<=38.45	Pass
		Inner_1RB_Left	23.35	/	/	17.10	/	/	<=38.45	Pass
	Inner_1RB_Right	23.41	/	/	17.16	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	22.03	/	/	15.78	/	/	<=38.45	Pass
		Edge_1RB_Right	22.02	/	/	15.77	/	/	<=38.45	Pass
		Outer_Full	22.13	/	/	15.88	/	/	<=38.45	Pass
		Inner_Full	23.67	/	/	17.42	/	/	<=38.45	Pass
		Inner_1RB_Left	23.54	/	/	17.29	/	/	<=38.45	Pass
	Inner_1RB_Right	23.54	/	/	17.29	/	/	<=38.45	Pass	
	839	Edge_1RB_Left	22.01	/	/	15.76	/	/	<=38.45	Pass
		Edge_1RB_Right	21.99	/	/	15.74	/	/	<=38.45	Pass
		Outer_Full	22.12	/	/	15.87	/	/	<=38.45	Pass
Inner_Full		23.63	/	/	17.38	/	/	<=38.45	Pass	
Inner_1RB_Left		23.59	/	/	17.34	/	/	<=38.45	Pass	
Inner_1RB_Right	23.51	/	/	17.26	/	/	<=38.45	Pass		
CP-OFDM 16 QAM	834	Edge_1RB_Left	22.19	/	/	15.94	/	/	<=38.45	Pass
		Edge_1RB_Right	22.27	/	/	16.02	/	/	<=38.45	Pass
		Outer_Full	22.12	/	/	15.87	/	/	<=38.45	Pass
		Inner_Full	23.14	/	/	16.89	/	/	<=38.45	Pass
		Inner_1RB_Left	23.13	/	/	16.88	/	/	<=38.45	Pass
	Inner_1RB_Right	23.12	/	/	16.87	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	22.33	/	/	16.08	/	/	<=38.45	Pass
		Edge_1RB_Right	22.20	/	/	15.95	/	/	<=38.45	Pass
		Outer_Full	22.18	/	/	15.93	/	/	<=38.45	Pass
		Inner_Full	23.21	/	/	16.96	/	/	<=38.45	Pass
		Inner_1RB_Left	23.27	/	/	17.02	/	/	<=38.45	Pass
	Inner_1RB_Right	23.16	/	/	16.91	/	/	<=38.45	Pass	
	839	Edge_1RB_Left	22.34	/	/	16.09	/	/	<=38.45	Pass
		Edge_1RB_Right	22.20	/	/	15.95	/	/	<=38.45	Pass
		Outer_Full	22.17	/	/	15.92	/	/	<=38.45	Pass
Inner_Full		23.11	/	/	16.86	/	/	<=38.45	Pass	
Inner_1RB_Left		23.19	/	/	16.94	/	/	<=38.45	Pass	
Inner_1RB_Right	23.05	/	/	16.80	/	/	<=38.45	Pass		
CP-OFDM 64 QAM	834	Edge_1RB_Left	21.77	/	/	15.52	/	/	<=38.45	Pass
		Edge_1RB_Right	21.84	/	/	15.59	/	/	<=38.45	Pass
		Outer_Full	21.55	/	/	15.30	/	/	<=38.45	Pass
		Inner_Full	21.66	/	/	15.41	/	/	<=38.45	Pass
		Inner_1RB_Left	21.74	/	/	15.49	/	/	<=38.45	Pass
	Inner_1RB_Right	21.81	/	/	15.56	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	21.92	/	/	15.67	/	/	<=38.45	Pass
		Edge_1RB_Right	21.82	/	/	15.57	/	/	<=38.45	Pass
		Outer_Full	21.71	/	/	15.46	/	/	<=38.45	Pass
		Inner_Full	21.76	/	/	15.51	/	/	<=38.45	Pass
		Inner_1RB_Left	21.88	/	/	15.63	/	/	<=38.45	Pass
	Inner_1RB_Right	21.83	/	/	15.58	/	/	<=38.45	Pass	
	839	Edge_1RB_Left	21.83	/	/	15.58	/	/	<=38.45	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	21.76	/	/	15.51	/	/	<=38.45	Pass
		Outer_Full	21.66	/	/	15.41	/	/	<=38.45	Pass
		Inner_Full	21.83	/	/	15.58	/	/	<=38.45	Pass
		Inner_1RB_Left	21.80	/	/	15.55	/	/	<=38.45	Pass
		Inner_1RB_Right	21.76	/	/	15.51	/	/	<=38.45	Pass
	834	Edge_1RB_Left	18.67	/	/	12.42	/	/	<=38.45	Pass
		Edge_1RB_Right	18.68	/	/	12.43	/	/	<=38.45	Pass
		Outer_Full	18.56	/	/	12.31	/	/	<=38.45	Pass
		Inner_Full	18.62	/	/	12.37	/	/	<=38.45	Pass
		Inner_1RB_Left	18.72	/	/	12.47	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	18.69	/	/	12.44	/	/	<=38.45	Pass
		Edge_1RB_Left	18.76	/	/	12.51	/	/	<=38.45	Pass
		Edge_1RB_Right	18.79	/	/	12.54	/	/	<=38.45	Pass
		Outer_Full	18.65	/	/	12.40	/	/	<=38.45	Pass
		Inner_Full	18.67	/	/	12.42	/	/	<=38.45	Pass
	839	Inner_1RB_Left	18.72	/	/	12.47	/	/	<=38.45	Pass
		Inner_1RB_Right	18.74	/	/	12.49	/	/	<=38.45	Pass
		Edge_1RB_Left	18.71	/	/	12.46	/	/	<=38.45	Pass
		Edge_1RB_Right	18.77	/	/	12.52	/	/	<=38.45	Pass
		Outer_Full	18.63	/	/	12.38	/	/	<=38.45	Pass
	Inner_Full	18.66	/	/	12.41	/	/	<=38.45	Pass	
	Inner_1RB_Left	18.79	/	/	12.54	/	/	<=38.45	Pass	
	Inner_1RB_Right	18.67	/	/	12.42	/	/	<=38.45	Pass	

Note1: Antenna Gain: Ant1: -4.10dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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2. Frequency Stability

2.1 15k_SISO_5MHz

2.1.1 Test Result

5G NR n5 SCS=15kHz SISO 5MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	20	LV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
				HV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			-30	NV	-7.50	-0.0090	>=-2.5 & <=2.5	Pass
			-20	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
			-10	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
			10	NV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass
			20	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass
			30	NV	-7.20	-0.0086	>=-2.5 & <=2.5	Pass
			40	NV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass
50	NV	-8.10	-0.0097	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-8.40	-0.0100	>=-2.5 & <=2.5	Pass
				HV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
			-30	NV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass
			-20	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass
			-10	NV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass
			0	NV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass
			10	NV	-8.10	-0.0097	>=-2.5 & <=2.5	Pass
			20	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
			30	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
			40	NV	-7.10	-0.0085	>=-2.5 & <=2.5	Pass
50	NV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
			-20	NV	-6.80	-0.0081	>=-2.5 & <=2.5	Pass
			-10	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
			10	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
			20	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
			30	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			40	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
50	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
				HV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
			-30	NV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
			-20	NV	-9.60	-0.0115	>=-2.5 & <=2.5	Pass
			-10	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
0	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass			



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			10	NV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass			
			20	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass			
			30	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass			
			40	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass			
			50	NV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass			
				HV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass			
						-30	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
						-20	NV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass
						-10	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
						0	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
						10	NV	-7.50	-0.0090	>=-2.5 & <=2.5	Pass
						20	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
						30	NV	-8.10	-0.0097	>=-2.5 & <=2.5	Pass
						40	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
						50	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
			CP-OFDM QPSK	836.5	Outer_Full	20	LV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass
							HV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass
									-30	NV	-4.90
						-20	NV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass
						-10	NV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass
						0	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
						10	NV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass
						20	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
						30	NV	-6.80	-0.0081	>=-2.5 & <=2.5	Pass
						40	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
						50	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	836.5	Outer_Full				20	LV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
							HV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
									-30	NV	-7.30
						-20	NV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
						-10	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
						0	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
						10	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
						20	NV	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
						30	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
						40	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
						50	NV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
			CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
							HV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
									-30	NV	-4.10
						-20	NV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
						-10	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
						0	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
						10	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass
						20	NV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass
						30	NV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
						40	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
						50	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass



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CP-OFDM 256 QAM	836.5	Outer_Full	20	LV	-6.90	-0.0082	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.90	-0.0082	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.30	-0.0087	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.70	-0.0068	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.80	-0.0081	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.80	-0.0105	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.40	-0.0077	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.00	-0.0096	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.40	-0.0077	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.30	-0.0087	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-8.30	-0.0099	≥ -2.5 & ≤ 2.5	Pass



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2.2 15k_SISO_10MHz

2.2.1 Test Result

5G NR n5 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	836.5	Outer_Full	20	LV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass
				HV	-9.80	-0.0117	>=-2.5 & <=2.5	Pass
			-30	NV	-10.00	-0.0120	>=-2.5 & <=2.5	Pass
			-20	NV	-9.10	-0.0109	>=-2.5 & <=2.5	Pass
			-10	NV	-8.50	-0.0102	>=-2.5 & <=2.5	Pass
			0	NV	-8.90	-0.0106	>=-2.5 & <=2.5	Pass
			10	NV	-9.30	-0.0111	>=-2.5 & <=2.5	Pass
			20	NV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
			30	NV	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
			40	NV	-8.80	-0.0105	>=-2.5 & <=2.5	Pass
50	NV	-10.00	-0.0120	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
				HV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
			-30	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
			-20	NV	-8.50	-0.0102	>=-2.5 & <=2.5	Pass
			-10	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass
			0	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			10	NV	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
			20	NV	-7.30	-0.0087	>=-2.5 & <=2.5	Pass
			30	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
			40	NV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
50	NV	-8.20	-0.0098	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	-7.30	-0.0087	>=-2.5 & <=2.5	Pass
				HV	-8.80	-0.0105	>=-2.5 & <=2.5	Pass
			-30	NV	-8.50	-0.0102	>=-2.5 & <=2.5	Pass
			-20	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass
			-10	NV	-9.30	-0.0111	>=-2.5 & <=2.5	Pass
			0	NV	-8.20	-0.0098	>=-2.5 & <=2.5	Pass
			10	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass
			20	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
			30	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
			40	NV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass
50	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
				HV	-8.20	-0.0098	>=-2.5 & <=2.5	Pass
			-30	NV	-6.80	-0.0081	>=-2.5 & <=2.5	Pass
			-20	NV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass
			-10	NV	-8.10	-0.0097	>=-2.5 & <=2.5	Pass
			0	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
			10	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
			20	NV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass



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			30	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass			
			40	NV	-6.30	-0.0075	>=-2.5 & <=2.5	Pass			
			50	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	-8.70	-0.0104	>=-2.5 & <=2.5	Pass			
				HV	-8.50	-0.0102	>=-2.5 & <=2.5	Pass			
			-30	NV	-6.80	-0.0081	>=-2.5 & <=2.5	Pass			
			-20	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass			
			-10	NV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass			
			0	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass			
			10	NV	-7.10	-0.0085	>=-2.5 & <=2.5	Pass			
			20	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass			
			30	NV	-8.60	-0.0103	>=-2.5 & <=2.5	Pass			
			40	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass			
			50	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass			
			CP-OFDM QPSK	836.5	Outer_Full	20	LV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
							HV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
-30	NV	-7.20				-0.0086	>=-2.5 & <=2.5	Pass			
-20	NV	-6.80				-0.0081	>=-2.5 & <=2.5	Pass			
-10	NV	-9.70				-0.0116	>=-2.5 & <=2.5	Pass			
0	NV	-6.90				-0.0082	>=-2.5 & <=2.5	Pass			
10	NV	-6.60				-0.0079	>=-2.5 & <=2.5	Pass			
20	NV	-6.90				-0.0082	>=-2.5 & <=2.5	Pass			
30	NV	-7.20				-0.0086	>=-2.5 & <=2.5	Pass			
40	NV	-6.10				-0.0073	>=-2.5 & <=2.5	Pass			
50	NV	-5.90				-0.0071	>=-2.5 & <=2.5	Pass			
CP-OFDM 16 QAM	836.5	Outer_Full				20	LV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass
							HV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass
			-30	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass			
			-20	NV	-9.80	-0.0117	>=-2.5 & <=2.5	Pass			
			-10	NV	-8.00	-0.0096	>=-2.5 & <=2.5	Pass			
			0	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass			
			10	NV	-6.80	-0.0081	>=-2.5 & <=2.5	Pass			
			20	NV	-7.20	-0.0086	>=-2.5 & <=2.5	Pass			
			30	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass			
			40	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass			
			50	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass			
			CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
							HV	-8.40	-0.0100	>=-2.5 & <=2.5	Pass
-30	NV	-4.80				-0.0057	>=-2.5 & <=2.5	Pass			
-20	NV	-7.80				-0.0093	>=-2.5 & <=2.5	Pass			
-10	NV	-7.10				-0.0085	>=-2.5 & <=2.5	Pass			
0	NV	-8.70				-0.0104	>=-2.5 & <=2.5	Pass			
10	NV	-7.40				-0.0088	>=-2.5 & <=2.5	Pass			
20	NV	-8.00				-0.0096	>=-2.5 & <=2.5	Pass			
30	NV	-4.70				-0.0056	>=-2.5 & <=2.5	Pass			
40	NV	-4.90				-0.0059	>=-2.5 & <=2.5	Pass			
50	NV	-6.00				-0.0072	>=-2.5 & <=2.5	Pass			
CP-OFDM 256 QAM	836.5	Outer_Full				20	LV	-8.20	-0.0098	>=-2.5 & <=2.5	Pass
							HV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass



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			-30	NV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass
			-20	NV	-8.00	-0.0096	>=-2.5 & <=2.5	Pass
			-10	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			0	NV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
			10	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass
			20	NV	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
			30	NV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass
			40	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			50	NV	-9.00	-0.0108	>=-2.5 & <=2.5	Pass



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2.3 15k_SISO_15MHz

2.3.1 Test Result

Table with 9 columns: Modulation, Frequency (MHz), RB Allocation, Temp. (°C), Volt., Freq. Error (Hz), Freq. vs. rated (ppm) (Result, Limit), and Verdict. It contains test results for DFT-s-OFDM PI/2 BPSK, QPSK, 16 QAM, and 64 QAM at 836.5 MHz.



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			30	NV	-8.70	-0.0104	>=-2.5 & <=2.5	Pass			
			40	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass			
			50	NV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass			
				HV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass			
						-30	NV	-8.00	-0.0096	>=-2.5 & <=2.5	Pass
						-20	NV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass
						-10	NV	-9.10	-0.0109	>=-2.5 & <=2.5	Pass
						0	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
						10	NV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass
						20	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
						30	NV	-7.30	-0.0087	>=-2.5 & <=2.5	Pass
						40	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
						50	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
			CP-OFDM QPSK	836.5	Outer_Full	20	LV	-9.10	-0.0109	>=-2.5 & <=2.5	Pass
							HV	-8.10	-0.0097	>=-2.5 & <=2.5	Pass
						-30	NV	-7.80	-0.0093	>=-2.5 & <=2.5	Pass
						-20	NV	-9.20	-0.0110	>=-2.5 & <=2.5	Pass
						-10	NV	-8.80	-0.0105	>=-2.5 & <=2.5	Pass
						0	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
						10	NV	-9.10	-0.0109	>=-2.5 & <=2.5	Pass
						20	NV	-8.00	-0.0096	>=-2.5 & <=2.5	Pass
						30	NV	-9.00	-0.0108	>=-2.5 & <=2.5	Pass
						40	NV	-6.30	-0.0075	>=-2.5 & <=2.5	Pass
						50	NV	-9.10	-0.0109	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	836.5	Outer_Full				20	LV	-8.60	-0.0103	>=-2.5 & <=2.5	Pass
							HV	-7.50	-0.0090	>=-2.5 & <=2.5	Pass
						-30	NV	-8.20	-0.0098	>=-2.5 & <=2.5	Pass
						-20	NV	-8.60	-0.0103	>=-2.5 & <=2.5	Pass
						-10	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
						0	NV	-8.30	-0.0099	>=-2.5 & <=2.5	Pass
						10	NV	-8.30	-0.0099	>=-2.5 & <=2.5	Pass
						20	NV	-6.30	-0.0075	>=-2.5 & <=2.5	Pass
						30	NV	-7.50	-0.0090	>=-2.5 & <=2.5	Pass
						40	NV	-7.30	-0.0087	>=-2.5 & <=2.5	Pass
						50	NV	-8.50	-0.0102	>=-2.5 & <=2.5	Pass
			CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
							HV	-7.80	-0.0093	>=-2.5 & <=2.5	Pass
						-30	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
						-20	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass
						-10	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
						0	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
						10	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
						20	NV	-7.20	-0.0086	>=-2.5 & <=2.5	Pass
						30	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
						40	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
						50	NV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	836.5	Outer_Full				20	LV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass
							HV	-8.00	-0.0096	>=-2.5 & <=2.5	Pass



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			-30	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			-20	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass
			-10	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
			0	NV	-7.10	-0.0085	>=-2.5 & <=2.5	Pass
			10	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
			20	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			30	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
			40	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass
			50	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass



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2.4 15k_SISO_20MHz

2.4.1 Test Result

5G NR n5 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	836.5	Outer_Full	20	LV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
				HV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
			-30	NV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass
			-20	NV	-8.30	-0.0099	>=-2.5 & <=2.5	Pass
			-10	NV	-9.90	-0.0118	>=-2.5 & <=2.5	Pass
			0	NV	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
			10	NV	-8.10	-0.0097	>=-2.5 & <=2.5	Pass
			20	NV	-7.80	-0.0093	>=-2.5 & <=2.5	Pass
			30	NV	-8.90	-0.0106	>=-2.5 & <=2.5	Pass
			40	NV	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
				HV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			-30	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			-20	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			-10	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			0	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			10	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
			20	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			30	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			40	NV	-7.10	-0.0085	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
				HV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass
			-30	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
			-20	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass
			-10	NV	-8.10	-0.0097	>=-2.5 & <=2.5	Pass
			0	NV	-8.30	-0.0099	>=-2.5 & <=2.5	Pass
			10	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
			20	NV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass
			30	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
				HV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
			-30	NV	-9.00	-0.0108	>=-2.5 & <=2.5	Pass
			-20	NV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass
			-10	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
			0	NV	-7.50	-0.0090	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0075	>=-2.5 & <=2.5	Pass
			20	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass



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			30	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass			
			40	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass			
			50	NV	-7.80	-0.0093	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	-7.80	-0.0093	>=-2.5 & <=2.5	Pass			
				HV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass			
			-30	NV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass			
			-20	NV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass			
			-10	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass			
			0	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass			
			10	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass			
			20	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass			
			30	NV	-8.20	-0.0098	>=-2.5 & <=2.5	Pass			
			40	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass			
			50	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass			
			CP-OFDM QPSK	836.5	Outer_Full	20	LV	-10.90	-0.0130	>=-2.5 & <=2.5	Pass
							HV	-9.20	-0.0110	>=-2.5 & <=2.5	Pass
-30	NV	-6.90				-0.0082	>=-2.5 & <=2.5	Pass			
-20	NV	-9.50				-0.0114	>=-2.5 & <=2.5	Pass			
-10	NV	-10.00				-0.0120	>=-2.5 & <=2.5	Pass			
0	NV	-9.30				-0.0111	>=-2.5 & <=2.5	Pass			
10	NV	-9.50				-0.0114	>=-2.5 & <=2.5	Pass			
20	NV	-8.50				-0.0102	>=-2.5 & <=2.5	Pass			
30	NV	-8.40				-0.0100	>=-2.5 & <=2.5	Pass			
40	NV	-9.20				-0.0110	>=-2.5 & <=2.5	Pass			
50	NV	-9.00				-0.0108	>=-2.5 & <=2.5	Pass			
CP-OFDM 16 QAM	836.5	Outer_Full				20	LV	-7.20	-0.0086	>=-2.5 & <=2.5	Pass
							HV	-8.90	-0.0106	>=-2.5 & <=2.5	Pass
			-30	NV	-9.70	-0.0116	>=-2.5 & <=2.5	Pass			
			-20	NV	-8.70	-0.0104	>=-2.5 & <=2.5	Pass			
			-10	NV	-10.20	-0.0122	>=-2.5 & <=2.5	Pass			
			0	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass			
			10	NV	-9.50	-0.0114	>=-2.5 & <=2.5	Pass			
			20	NV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass			
			30	NV	-10.30	-0.0123	>=-2.5 & <=2.5	Pass			
			40	NV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass			
			50	NV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass			
			CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
							HV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
-30	NV	-4.50				-0.0054	>=-2.5 & <=2.5	Pass			
-20	NV	-4.40				-0.0053	>=-2.5 & <=2.5	Pass			
-10	NV	-5.00				-0.0060	>=-2.5 & <=2.5	Pass			
0	NV	-4.70				-0.0056	>=-2.5 & <=2.5	Pass			
10	NV	-5.20				-0.0062	>=-2.5 & <=2.5	Pass			
20	NV	-4.30				-0.0051	>=-2.5 & <=2.5	Pass			
30	NV	-5.20				-0.0062	>=-2.5 & <=2.5	Pass			
40	NV	-5.70				-0.0068	>=-2.5 & <=2.5	Pass			
50	NV	-3.30				-0.0039	>=-2.5 & <=2.5	Pass			
CP-OFDM 256 QAM	836.5	Outer_Full				20	LV	-7.30	-0.0087	>=-2.5 & <=2.5	Pass
							HV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass



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			-30	NV	-8.80	-0.0105	>=-2.5 & <=2.5	Pass
			-20	NV	-8.80	-0.0105	>=-2.5 & <=2.5	Pass
			-10	NV	-9.60	-0.0115	>=-2.5 & <=2.5	Pass
			0	NV	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
			10	NV	-9.10	-0.0109	>=-2.5 & <=2.5	Pass
			20	NV	-8.80	-0.0105	>=-2.5 & <=2.5	Pass
			30	NV	-8.10	-0.0097	>=-2.5 & <=2.5	Pass
			40	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			50	NV	-7.30	-0.0087	>=-2.5 & <=2.5	Pass



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2.5 30k_SISO_10MHz

2.5.1 Test Result

5G NR n5 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	836.5	Outer_Full	20	LV	8.90	0.0106	>=-2.5 & <=2.5	Pass
				HV	7.00	0.0084	>=-2.5 & <=2.5	Pass
			-30	NV	11.00	0.0132	>=-2.5 & <=2.5	Pass
			-20	NV	-9.10	-0.0109	>=-2.5 & <=2.5	Pass
			-10	NV	11.30	0.0135	>=-2.5 & <=2.5	Pass
			0	NV	9.40	0.0112	>=-2.5 & <=2.5	Pass
			10	NV	10.30	0.0123	>=-2.5 & <=2.5	Pass
			20	NV	8.50	0.0102	>=-2.5 & <=2.5	Pass
			30	NV	7.50	0.0090	>=-2.5 & <=2.5	Pass
			40	NV	12.10	0.0145	>=-2.5 & <=2.5	Pass
50	NV	-10.20	-0.0122	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	9.40	0.0112	>=-2.5 & <=2.5	Pass
				HV	7.60	0.0091	>=-2.5 & <=2.5	Pass
			-30	NV	-8.50	-0.0102	>=-2.5 & <=2.5	Pass
			-20	NV	11.20	0.0134	>=-2.5 & <=2.5	Pass
			-10	NV	-8.90	-0.0106	>=-2.5 & <=2.5	Pass
			0	NV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass
			10	NV	8.70	0.0104	>=-2.5 & <=2.5	Pass
			20	NV	11.90	0.0142	>=-2.5 & <=2.5	Pass
			30	NV	9.50	0.0114	>=-2.5 & <=2.5	Pass
			40	NV	10.70	0.0128	>=-2.5 & <=2.5	Pass
50	NV	8.10	0.0097	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	7.90	0.0094	>=-2.5 & <=2.5	Pass
				HV	8.40	0.0100	>=-2.5 & <=2.5	Pass
			-30	NV	12.80	0.0153	>=-2.5 & <=2.5	Pass
			-20	NV	10.80	0.0129	>=-2.5 & <=2.5	Pass
			-10	NV	9.10	0.0109	>=-2.5 & <=2.5	Pass
			0	NV	8.70	0.0104	>=-2.5 & <=2.5	Pass
			10	NV	-9.10	-0.0109	>=-2.5 & <=2.5	Pass
			20	NV	8.60	0.0103	>=-2.5 & <=2.5	Pass
			30	NV	-11.20	-0.0134	>=-2.5 & <=2.5	Pass
			40	NV	8.60	0.0103	>=-2.5 & <=2.5	Pass
50	NV	8.30	0.0099	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	-10.50	-0.0126	>=-2.5 & <=2.5	Pass
				HV	9.30	0.0111	>=-2.5 & <=2.5	Pass
			-30	NV	8.30	0.0099	>=-2.5 & <=2.5	Pass
			-20	NV	-8.40	-0.0100	>=-2.5 & <=2.5	Pass
			-10	NV	11.40	0.0136	>=-2.5 & <=2.5	Pass
			0	NV	8.10	0.0097	>=-2.5 & <=2.5	Pass
			10	NV	9.50	0.0114	>=-2.5 & <=2.5	Pass
			20	NV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass



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			30	NV	9.40	0.0112	≥ -2.5 & ≤ 2.5	Pass			
			40	NV	10.40	0.0124	≥ -2.5 & ≤ 2.5	Pass			
			50	NV	-7.80	-0.0093	≥ -2.5 & ≤ 2.5	Pass			
DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	-11.40	-0.0136	≥ -2.5 & ≤ 2.5	Pass			
				HV	-11.30	-0.0135	≥ -2.5 & ≤ 2.5	Pass			
						-30	NV	-7.60	-0.0091	≥ -2.5 & ≤ 2.5	Pass
						-20	NV	10.20	0.0122	≥ -2.5 & ≤ 2.5	Pass
						-10	NV	12.70	0.0152	≥ -2.5 & ≤ 2.5	Pass
						0	NV	9.90	0.0118	≥ -2.5 & ≤ 2.5	Pass
						10	NV	9.90	0.0118	≥ -2.5 & ≤ 2.5	Pass
						20	NV	8.30	0.0099	≥ -2.5 & ≤ 2.5	Pass
						30	NV	10.80	0.0129	≥ -2.5 & ≤ 2.5	Pass
						40	NV	9.70	0.0116	≥ -2.5 & ≤ 2.5	Pass
						50	NV	9.70	0.0116	≥ -2.5 & ≤ 2.5	Pass
			CP-OFDM QPSK	836.5	Outer_Full	20	LV	-4.20	-0.0050	≥ -2.5 & ≤ 2.5	Pass
HV	-6.80	-0.0081					≥ -2.5 & ≤ 2.5	Pass			
						-30	NV	-4.40	-0.0053	≥ -2.5 & ≤ 2.5	Pass
						-20	NV	-6.30	-0.0075	≥ -2.5 & ≤ 2.5	Pass
						-10	NV	-6.10	-0.0073	≥ -2.5 & ≤ 2.5	Pass
						0	NV	-7.80	-0.0093	≥ -2.5 & ≤ 2.5	Pass
						10	NV	-6.40	-0.0077	≥ -2.5 & ≤ 2.5	Pass
						20	NV	-7.10	-0.0085	≥ -2.5 & ≤ 2.5	Pass
						30	NV	-5.60	-0.0067	≥ -2.5 & ≤ 2.5	Pass
						40	NV	-7.20	-0.0086	≥ -2.5 & ≤ 2.5	Pass
						50	NV	-4.80	-0.0057	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	836.5	Outer_Full				20	LV	-5.40	-0.0065	≥ -2.5 & ≤ 2.5	Pass
			HV	-5.30	-0.0063		≥ -2.5 & ≤ 2.5	Pass			
						-30	NV	-5.70	-0.0068	≥ -2.5 & ≤ 2.5	Pass
						-20	NV	-8.10	-0.0097	≥ -2.5 & ≤ 2.5	Pass
						-10	NV	-5.10	-0.0061	≥ -2.5 & ≤ 2.5	Pass
						0	NV	-6.40	-0.0077	≥ -2.5 & ≤ 2.5	Pass
						10	NV	-5.20	-0.0062	≥ -2.5 & ≤ 2.5	Pass
						20	NV	-10.20	-0.0122	≥ -2.5 & ≤ 2.5	Pass
						30	NV	5.50	0.0066	≥ -2.5 & ≤ 2.5	Pass
						40	NV	-9.10	-0.0109	≥ -2.5 & ≤ 2.5	Pass
						50	NV	-8.70	-0.0104	≥ -2.5 & ≤ 2.5	Pass
			CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-5.40	-0.0065	≥ -2.5 & ≤ 2.5	Pass
HV	-4.30	-0.0051					≥ -2.5 & ≤ 2.5	Pass			
						-30	NV	-10.00	-0.0120	≥ -2.5 & ≤ 2.5	Pass
						-20	NV	-8.60	-0.0103	≥ -2.5 & ≤ 2.5	Pass
						-10	NV	-8.30	-0.0099	≥ -2.5 & ≤ 2.5	Pass
						0	NV	-5.20	-0.0062	≥ -2.5 & ≤ 2.5	Pass
						10	NV	-6.40	-0.0077	≥ -2.5 & ≤ 2.5	Pass
						20	NV	-5.70	-0.0068	≥ -2.5 & ≤ 2.5	Pass
						30	NV	-5.10	-0.0061	≥ -2.5 & ≤ 2.5	Pass
						40	NV	-4.50	-0.0054	≥ -2.5 & ≤ 2.5	Pass
						50	NV	3.80	0.0045	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	836.5	Outer_Full				20	LV	-8.70	-0.0104	≥ -2.5 & ≤ 2.5	Pass
			HV	-7.90	-0.0094		≥ -2.5 & ≤ 2.5	Pass			



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			-30	NV	-6.40	-0.0077	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.40	-0.0112	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.40	-0.0077	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.40	-0.0065	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.10	-0.0073	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.70	-0.0092	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.50	-0.0090	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.60	-0.0079	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-8.70	-0.0104	≥ -2.5 & ≤ 2.5	Pass



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2.6 30k_SISO_15MHz

2.6.1 Test Result

5G NR n5 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	836.5	Outer_Full	20	LV	9.80	0.0117	>=-2.5 & <=2.5	Pass
				HV	11.60	0.0139	>=-2.5 & <=2.5	Pass
			-30	NV	8.40	0.0100	>=-2.5 & <=2.5	Pass
			-20	NV	9.80	0.0117	>=-2.5 & <=2.5	Pass
			-10	NV	9.00	0.0108	>=-2.5 & <=2.5	Pass
			0	NV	9.80	0.0117	>=-2.5 & <=2.5	Pass
			10	NV	10.10	0.0121	>=-2.5 & <=2.5	Pass
			20	NV	9.00	0.0108	>=-2.5 & <=2.5	Pass
			30	NV	9.30	0.0111	>=-2.5 & <=2.5	Pass
			40	NV	-8.30	-0.0099	>=-2.5 & <=2.5	Pass
50	NV	-11.80	-0.0141	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	9.90	0.0118	>=-2.5 & <=2.5	Pass
				HV	10.80	0.0129	>=-2.5 & <=2.5	Pass
			-30	NV	10.00	0.0120	>=-2.5 & <=2.5	Pass
			-20	NV	11.60	0.0139	>=-2.5 & <=2.5	Pass
			-10	NV	8.40	0.0100	>=-2.5 & <=2.5	Pass
			0	NV	12.10	0.0145	>=-2.5 & <=2.5	Pass
			10	NV	10.40	0.0124	>=-2.5 & <=2.5	Pass
			20	NV	8.30	0.0099	>=-2.5 & <=2.5	Pass
			30	NV	13.60	0.0163	>=-2.5 & <=2.5	Pass
			40	NV	7.00	0.0084	>=-2.5 & <=2.5	Pass
50	NV	-10.00	-0.0120	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	-8.00	-0.0096	>=-2.5 & <=2.5	Pass
				HV	-8.60	-0.0103	>=-2.5 & <=2.5	Pass
			-30	NV	8.30	0.0099	>=-2.5 & <=2.5	Pass
			-20	NV	9.10	0.0109	>=-2.5 & <=2.5	Pass
			-10	NV	9.80	0.0117	>=-2.5 & <=2.5	Pass
			0	NV	9.00	0.0108	>=-2.5 & <=2.5	Pass
			10	NV	7.60	0.0091	>=-2.5 & <=2.5	Pass
			20	NV	8.30	0.0099	>=-2.5 & <=2.5	Pass
			30	NV	8.20	0.0098	>=-2.5 & <=2.5	Pass
			40	NV	11.20	0.0134	>=-2.5 & <=2.5	Pass
50	NV	7.30	0.0087	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	11.00	0.0132	>=-2.5 & <=2.5	Pass
				HV	12.00	0.0143	>=-2.5 & <=2.5	Pass
			-30	NV	13.00	0.0155	>=-2.5 & <=2.5	Pass
			-20	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
			-10	NV	9.50	0.0114	>=-2.5 & <=2.5	Pass
			0	NV	9.40	0.0112	>=-2.5 & <=2.5	Pass
			10	NV	7.60	0.0091	>=-2.5 & <=2.5	Pass
			20	NV	-11.30	-0.0135	>=-2.5 & <=2.5	Pass



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			30	NV	8.20	0.0098	≥ -2.5 & ≤ 2.5	Pass			
			40	NV	-8.90	-0.0106	≥ -2.5 & ≤ 2.5	Pass			
			50	NV	-7.80	-0.0093	≥ -2.5 & ≤ 2.5	Pass			
DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	14.60	0.0175	≥ -2.5 & ≤ 2.5	Pass			
				HV	9.70	0.0116	≥ -2.5 & ≤ 2.5	Pass			
						-30	NV	-9.10	-0.0109	≥ -2.5 & ≤ 2.5	Pass
						-20	NV	7.50	0.0090	≥ -2.5 & ≤ 2.5	Pass
						-10	NV	-7.50	-0.0090	≥ -2.5 & ≤ 2.5	Pass
						0	NV	10.30	0.0123	≥ -2.5 & ≤ 2.5	Pass
						10	NV	-8.10	-0.0097	≥ -2.5 & ≤ 2.5	Pass
						20	NV	11.00	0.0132	≥ -2.5 & ≤ 2.5	Pass
						30	NV	10.40	0.0124	≥ -2.5 & ≤ 2.5	Pass
						40	NV	8.10	0.0097	≥ -2.5 & ≤ 2.5	Pass
						50	NV	8.70	0.0104	≥ -2.5 & ≤ 2.5	Pass
			CP-OFDM QPSK	836.5	Outer_Full	20	LV	-8.80	-0.0105	≥ -2.5 & ≤ 2.5	Pass
HV	-9.10	-0.0109					≥ -2.5 & ≤ 2.5	Pass			
						-30	NV	-7.00	-0.0084	≥ -2.5 & ≤ 2.5	Pass
						-20	NV	-9.60	-0.0115	≥ -2.5 & ≤ 2.5	Pass
						-10	NV	-9.70	-0.0116	≥ -2.5 & ≤ 2.5	Pass
						0	NV	-6.80	-0.0081	≥ -2.5 & ≤ 2.5	Pass
						10	NV	-10.50	-0.0126	≥ -2.5 & ≤ 2.5	Pass
						20	NV	-11.30	-0.0135	≥ -2.5 & ≤ 2.5	Pass
						30	NV	-12.20	-0.0146	≥ -2.5 & ≤ 2.5	Pass
						40	NV	-10.30	-0.0123	≥ -2.5 & ≤ 2.5	Pass
						50	NV	-8.60	-0.0103	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	836.5	Outer_Full				20	LV	-7.10	-0.0085	≥ -2.5 & ≤ 2.5	Pass
			HV	-7.20	-0.0086		≥ -2.5 & ≤ 2.5	Pass			
						-30	NV	-10.20	-0.0122	≥ -2.5 & ≤ 2.5	Pass
						-20	NV	-7.80	-0.0093	≥ -2.5 & ≤ 2.5	Pass
						-10	NV	-9.50	-0.0114	≥ -2.5 & ≤ 2.5	Pass
						0	NV	-8.30	-0.0099	≥ -2.5 & ≤ 2.5	Pass
						10	NV	-6.50	-0.0078	≥ -2.5 & ≤ 2.5	Pass
						20	NV	-7.80	-0.0093	≥ -2.5 & ≤ 2.5	Pass
						30	NV	-11.00	-0.0132	≥ -2.5 & ≤ 2.5	Pass
						40	NV	-7.90	-0.0094	≥ -2.5 & ≤ 2.5	Pass
						50	NV	-8.20	-0.0098	≥ -2.5 & ≤ 2.5	Pass
			CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-7.00	-0.0084	≥ -2.5 & ≤ 2.5	Pass
HV	-9.80	-0.0117					≥ -2.5 & ≤ 2.5	Pass			
						-30	NV	-8.20	-0.0098	≥ -2.5 & ≤ 2.5	Pass
						-20	NV	-8.10	-0.0097	≥ -2.5 & ≤ 2.5	Pass
						-10	NV	-9.70	-0.0116	≥ -2.5 & ≤ 2.5	Pass
						0	NV	-9.00	-0.0108	≥ -2.5 & ≤ 2.5	Pass
						10	NV	-8.90	-0.0106	≥ -2.5 & ≤ 2.5	Pass
						20	NV	-9.30	-0.0111	≥ -2.5 & ≤ 2.5	Pass
						30	NV	-7.10	-0.0085	≥ -2.5 & ≤ 2.5	Pass
						40	NV	-6.00	-0.0072	≥ -2.5 & ≤ 2.5	Pass
						50	NV	-9.20	-0.0110	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	836.5	Outer_Full				20	LV	-6.40	-0.0077	≥ -2.5 & ≤ 2.5	Pass
			HV	-4.30	-0.0051		≥ -2.5 & ≤ 2.5	Pass			



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			-30	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
			-20	NV	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
			-10	NV	-7.20	-0.0086	>=-2.5 & <=2.5	Pass
			0	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
			10	NV	-9.70	-0.0116	>=-2.5 & <=2.5	Pass
			20	NV	-3.60	-0.0043	>=-2.5 & <=2.5	Pass
			30	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
			40	NV	-9.50	-0.0114	>=-2.5 & <=2.5	Pass
			50	NV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass



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2.7 30k_SISO_20MHz

2.7.1 Test Result

5G NR n5 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	836.5	Outer_Full	20	LV	8.70	0.0104	>=-2.5 & <=2.5	Pass
				HV	-11.10	-0.0133	>=-2.5 & <=2.5	Pass
			-30	NV	-9.30	-0.0111	>=-2.5 & <=2.5	Pass
			-20	NV	9.60	0.0115	>=-2.5 & <=2.5	Pass
			-10	NV	-10.90	-0.0130	>=-2.5 & <=2.5	Pass
			0	NV	9.50	0.0114	>=-2.5 & <=2.5	Pass
			10	NV	9.50	0.0114	>=-2.5 & <=2.5	Pass
			20	NV	-8.60	-0.0103	>=-2.5 & <=2.5	Pass
			30	NV	-8.90	-0.0106	>=-2.5 & <=2.5	Pass
			40	NV	-10.30	-0.0123	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	8.60	0.0103	>=-2.5 & <=2.5	Pass
				HV	-8.20	-0.0098	>=-2.5 & <=2.5	Pass
			-30	NV	-9.10	-0.0109	>=-2.5 & <=2.5	Pass
			-20	NV	-10.10	-0.0121	>=-2.5 & <=2.5	Pass
			-10	NV	-9.10	-0.0109	>=-2.5 & <=2.5	Pass
			0	NV	-12.30	-0.0147	>=-2.5 & <=2.5	Pass
			10	NV	-8.10	-0.0097	>=-2.5 & <=2.5	Pass
			20	NV	10.30	0.0123	>=-2.5 & <=2.5	Pass
			30	NV	-10.30	-0.0123	>=-2.5 & <=2.5	Pass
			40	NV	7.30	0.0087	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	9.80	0.0117	>=-2.5 & <=2.5	Pass
				HV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
			-30	NV	8.90	0.0106	>=-2.5 & <=2.5	Pass
			-20	NV	10.10	0.0121	>=-2.5 & <=2.5	Pass
			-10	NV	-9.70	-0.0116	>=-2.5 & <=2.5	Pass
			0	NV	8.60	0.0103	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0075	>=-2.5 & <=2.5	Pass
			20	NV	10.10	0.0121	>=-2.5 & <=2.5	Pass
			30	NV	9.10	0.0109	>=-2.5 & <=2.5	Pass
			40	NV	7.50	0.0090	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	9.70	0.0116	>=-2.5 & <=2.5	Pass
				HV	-8.50	-0.0102	>=-2.5 & <=2.5	Pass
			-30	NV	-7.80	-0.0093	>=-2.5 & <=2.5	Pass
			-20	NV	-10.10	-0.0121	>=-2.5 & <=2.5	Pass
			-10	NV	7.50	0.0090	>=-2.5 & <=2.5	Pass
			0	NV	8.10	0.0097	>=-2.5 & <=2.5	Pass
			10	NV	-9.90	-0.0118	>=-2.5 & <=2.5	Pass
			20	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass



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			30	NV	10.20	0.0122	>=-2.5 & <=2.5	Pass			
			40	NV	-7.10	-0.0085	>=-2.5 & <=2.5	Pass			
			50	NV	-12.40	-0.0148	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	10.40	0.0124	>=-2.5 & <=2.5	Pass			
				HV	-9.80	-0.0117	>=-2.5 & <=2.5	Pass			
			-30	NV	10.20	0.0122	>=-2.5 & <=2.5	Pass			
			-20	NV	11.70	0.0140	>=-2.5 & <=2.5	Pass			
			-10	NV	-10.90	-0.0130	>=-2.5 & <=2.5	Pass			
			0	NV	-8.50	-0.0102	>=-2.5 & <=2.5	Pass			
			10	NV	8.70	0.0104	>=-2.5 & <=2.5	Pass			
			20	NV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass			
			30	NV	9.60	0.0115	>=-2.5 & <=2.5	Pass			
			40	NV	-6.80	-0.0081	>=-2.5 & <=2.5	Pass			
			50	NV	-10.60	-0.0127	>=-2.5 & <=2.5	Pass			
			CP-OFDM QPSK	836.5	Outer_Full	20	LV	-10.40	-0.0124	>=-2.5 & <=2.5	Pass
							HV	-9.90	-0.0118	>=-2.5 & <=2.5	Pass
-30	NV	-11.40				-0.0136	>=-2.5 & <=2.5	Pass			
-20	NV	-8.10				-0.0097	>=-2.5 & <=2.5	Pass			
-10	NV	-8.30				-0.0099	>=-2.5 & <=2.5	Pass			
0	NV	-7.30				-0.0087	>=-2.5 & <=2.5	Pass			
10	NV	-7.70				-0.0092	>=-2.5 & <=2.5	Pass			
20	NV	-7.10				-0.0085	>=-2.5 & <=2.5	Pass			
30	NV	-11.40				-0.0136	>=-2.5 & <=2.5	Pass			
40	NV	-10.10				-0.0121	>=-2.5 & <=2.5	Pass			
50	NV	-9.60				-0.0115	>=-2.5 & <=2.5	Pass			
CP-OFDM 16 QAM	836.5	Outer_Full				20	LV	-10.20	-0.0122	>=-2.5 & <=2.5	Pass
							HV	-9.00	-0.0108	>=-2.5 & <=2.5	Pass
			-30	NV	-9.00	-0.0108	>=-2.5 & <=2.5	Pass			
			-20	NV	-11.60	-0.0139	>=-2.5 & <=2.5	Pass			
			-10	NV	-11.90	-0.0142	>=-2.5 & <=2.5	Pass			
			0	NV	-11.00	-0.0132	>=-2.5 & <=2.5	Pass			
			10	NV	-11.30	-0.0135	>=-2.5 & <=2.5	Pass			
			20	NV	-7.50	-0.0090	>=-2.5 & <=2.5	Pass			
			30	NV	-10.00	-0.0120	>=-2.5 & <=2.5	Pass			
			40	NV	-7.30	-0.0087	>=-2.5 & <=2.5	Pass			
			50	NV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass			
			CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-9.10	-0.0109	>=-2.5 & <=2.5	Pass
							HV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass
-30	NV	-6.60				-0.0079	>=-2.5 & <=2.5	Pass			
-20	NV	-5.30				-0.0063	>=-2.5 & <=2.5	Pass			
-10	NV	-7.70				-0.0092	>=-2.5 & <=2.5	Pass			
0	NV	-7.70				-0.0092	>=-2.5 & <=2.5	Pass			
10	NV	-7.90				-0.0094	>=-2.5 & <=2.5	Pass			
20	NV	-6.10				-0.0073	>=-2.5 & <=2.5	Pass			
30	NV	-8.30				-0.0099	>=-2.5 & <=2.5	Pass			
40	NV	-7.50				-0.0090	>=-2.5 & <=2.5	Pass			
50	NV	-7.20				-0.0086	>=-2.5 & <=2.5	Pass			
CP-OFDM 256 QAM	836.5	Outer_Full				20	LV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass
							HV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass



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			-30	NV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass
			-20	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
			-10	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
			10	NV	-9.20	-0.0110	>=-2.5 & <=2.5	Pass
			20	NV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
			30	NV	-9.80	-0.0117	>=-2.5 & <=2.5	Pass
			40	NV	-9.00	-0.0108	>=-2.5 & <=2.5	Pass
			50	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass



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Member of the SGS Group (SGS SA)

3. Field Strength of Spurious Radiation

Test Band = SA Band 5_ TM1
Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1650.18	47.15	-49.82	25.30	-72.63	-13.00	59.63	Horizontal
2	2475.27	46.73	-49.04	27.27	-70.30	-13.00	57.30	Horizontal
3	3300.36	45.98	-48.63	28.62	-69.29	-13.00	56.29	Horizontal
4	4125.45	43.97	-48.29	29.63	-69.95	-13.00	56.95	Horizontal
5	4950.54	44.96	-48.06	31.38	-66.98	-13.00	53.98	Horizontal
6	5775.63	45.25	-47.67	32.76	-64.92	-13.00	51.92	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1650.18	46.27	-49.82	25.30	-73.51	-13.00	60.51	Vertical
2	2475.27	46.79	-49.04	27.27	-70.24	-13.00	57.24	Vertical
3	3300.36	45.85	-48.63	28.62	-69.42	-13.00	56.42	Vertical
4	4125.45	44.14	-48.29	29.63	-69.78	-13.00	56.78	Vertical
5	4950.54	44.43	-48.06	31.38	-67.51	-13.00	54.51	Vertical
6	5775.63	44.94	-47.67	32.76	-65.23	-13.00	52.23	Vertical



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Test Band = SA Band 5_ TM1
 Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1655.18	46.53	-49.81	25.32	-73.22	-13.00	60.22	Horizontal
2	2482.77	46.05	-49.00	27.28	-70.93	-13.00	57.93	Horizontal
3	3310.36	46.85	-48.64	28.62	-68.42	-13.00	55.42	Horizontal
4	4137.95	44.44	-48.30	29.65	-69.47	-13.00	56.47	Horizontal
5	4965.54	44.78	-48.03	31.42	-67.09	-13.00	54.09	Horizontal
6	5793.13	45.42	-47.71	32.76	-64.79	-13.00	51.79	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1655.18	47.35	-49.81	25.32	-72.40	-13.00	59.40	Vertical
2	2482.77	45.98	-49.00	27.28	-71.00	-13.00	58.00	Vertical
3	3310.36	45.47	-48.64	28.62	-69.80	-13.00	56.80	Vertical
4	4137.95	45.16	-48.30	29.65	-68.75	-13.00	55.75	Vertical
5	4965.54	44.44	-48.03	31.42	-67.43	-13.00	54.43	Vertical
6	5793.13	45.20	-47.71	32.76	-65.01	-13.00	52.01	Vertical



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Test Band = SA Band 5_ TM1
 Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1660.18	46.77	-49.80	25.34	-72.95	-13.00	59.95	Horizontal
2	2490.27	46.48	-48.95	27.29	-70.45	-13.00	57.45	Horizontal
3	3320.36	44.91	-48.64	28.63	-70.36	-13.00	57.36	Horizontal
4	4150.45	44.43	-48.31	29.67	-69.47	-13.00	56.47	Horizontal
5	4980.54	44.82	-48.00	31.45	-66.99	-13.00	53.99	Horizontal
6	5810.63	45.18	-47.65	32.76	-64.96	-13.00	51.96	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1660.18	47.13	-49.80	25.34	-72.59	-13.00	59.59	Vertical
2	2490.27	46.37	-48.95	27.29	-70.56	-13.00	57.56	Vertical
3	3320.36	46.05	-48.64	28.63	-69.22	-13.00	56.22	Vertical
4	4150.45	44.97	-48.31	29.67	-68.93	-13.00	55.93	Vertical
5	4980.54	45.17	-48.00	31.45	-66.64	-13.00	53.64	Vertical
6	5810.63	45.02	-47.65	32.76	-65.12	-13.00	52.12	Vertical



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Test Band = NSA 7A_N5A_TM1
 Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1194.6667	47.89	-50.22	24.70	-72.88	-13.00	59.88	Horizontal
2	2102.2222	47.65	-49.46	26.82	-70.25	-13.00	57.25	Horizontal
3	2575.5556	47.55	-49.10	27.48	-69.33	-13.00	56.33	Horizontal
4	3501.3333	46.44	-48.43	28.70	-68.55	-13.00	55.55	Horizontal
5	4588	46.01	-48.06	30.51	-66.80	-13.00	53.80	Horizontal
6	5391.1111	46.54	-47.47	32.44	-63.76	-13.00	50.76	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1288.4444	48.25	-50.14	24.52	-72.63	-13.00	59.63	Vertical
2	2056.4444	47.89	-49.55	26.77	-70.15	-13.00	57.15	Vertical
3	2811.5556	46.64	-48.69	28.05	-69.26	-13.00	56.26	Vertical
4	3950.6667	48.95	-48.39	29.33	-65.37	-13.00	52.37	Vertical
5	5361.3333	46.45	-47.59	32.37	-64.03	-13.00	51.03	Vertical
6	7078.6667	44.85	-46.13	35.79	-60.75	-13.00	47.75	Vertical



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 Rev.: 01
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Test Band = NSA 7A_N5A_TM1
 Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1374.6667	48.49	-50.04	24.35	-72.46	-13.00	59.46	Horizontal
2	1950.6667	47.99	-49.71	26.50	-70.48	-13.00	57.48	Horizontal
3	2587.5556	47.42	-49.14	27.51	-69.47	-13.00	56.47	Horizontal
4	3939.5556	46.09	-48.40	29.32	-68.25	-13.00	55.25	Horizontal
5	5342.2222	46.72	-47.66	32.32	-63.88	-13.00	50.88	Horizontal
6	7022.6667	45.58	-46.53	35.65	-60.55	-13.00	47.55	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1502.2222	47.73	-49.83	24.71	-72.65	-13.00	59.65	Vertical
2	2209.7778	47.57	-49.45	26.95	-70.19	-13.00	57.19	Vertical
3	3257.3333	46.28	-48.63	28.60	-69.00	-13.00	56.00	Vertical
4	4969.3333	45.46	-48.02	31.43	-66.40	-13.00	53.40	Vertical
5	6147.1111	46.21	-47.24	33.30	-62.99	-13.00	49.99	Vertical
6	7562.2222	44.92	-45.28	36.73	-58.90	-13.00	45.90	Vertical



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Member of the SGS Group (SGS SA)

Test Band = NSA 7A_N5A_TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1504.4444	47.96	-49.83	24.72	-72.42	-13.00	59.42	Horizontal
2	2170.6667	47.74	-49.48	26.90	-70.10	-13.00	57.10	Horizontal
3	3395.1111	46.59	-48.69	28.66	-68.70	-13.00	55.70	Horizontal
4	4418.2222	46.01	-48.07	30.15	-67.17	-13.00	54.17	Horizontal
5	5519.5556	46.49	-47.44	32.70	-63.51	-13.00	50.51	Horizontal
6	7258.2222	45.42	-46.13	36.22	-59.75	-13.00	46.75	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1427.1111	47.87	-49.96	24.41	-72.94	-13.00	59.94	Vertical
2	1989.3333	47.42	-49.68	26.66	-70.86	-13.00	57.86	Vertical
3	2976.8889	46.25	-48.40	28.44	-68.97	-13.00	55.97	Vertical
4	3924	46.09	-48.41	29.29	-68.29	-13.00	55.29	Vertical
5	5436	46.72	-47.42	32.55	-63.42	-13.00	50.42	Vertical
6	7223.1111	45.95	-46.16	36.14	-59.33	-13.00	46.33	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.



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4. 99% & 26dB Bandwidth

4.1 15k_SISO_5MHz_NTNV

4.1.1 Test Result

5G NR n5 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	826.5	Outer_Full	4.54	4.99	/	Pass
	836.5	Outer_Full	4.54	4.97	/	Pass
	846.5	Outer_Full	4.55	5.01	/	Pass
DFT-s-OFDM QPSK	826.5	Outer_Full	4.55	5.00	/	Pass
	836.5	Outer_Full	4.55	5.00	/	Pass
	846.5	Outer_Full	4.56	5.02	/	Pass
DFT-s-OFDM 16 QAM	826.5	Outer_Full	4.55	5.00	/	Pass
	836.5	Outer_Full	4.54	4.98	/	Pass
	846.5	Outer_Full	4.54	5.01	/	Pass
DFT-s-OFDM 64 QAM	826.5	Outer_Full	4.56	5.03	/	Pass
	836.5	Outer_Full	4.56	4.98	/	Pass
	846.5	Outer_Full	4.55	5.01	/	Pass
DFT-s-OFDM 256 QAM	826.5	Outer_Full	4.54	4.99	/	Pass
	836.5	Outer_Full	4.53	4.97	/	Pass
	846.5	Outer_Full	4.53	4.98	/	Pass
CP-OFDM QPSK	826.5	Outer_Full	4.52	4.97	/	Pass
	836.5	Outer_Full	4.53	5.00	/	Pass
	846.5	Outer_Full	4.52	4.99	/	Pass
CP-OFDM 16 QAM	826.5	Outer_Full	4.54	4.97	/	Pass
	836.5	Outer_Full	4.53	4.97	/	Pass
	846.5	Outer_Full	4.53	4.97	/	Pass
CP-OFDM 64 QAM	826.5	Outer_Full	4.54	5.03	/	Pass
	836.5	Outer_Full	4.54	5.00	/	Pass
	846.5	Outer_Full	4.52	5.38	/	Pass
CP-OFDM 256 QAM	826.5	Outer_Full	4.51	5.01	/	Pass
	836.5	Outer_Full	4.51	4.98	/	Pass
	846.5	Outer_Full	4.50	4.99	/	Pass

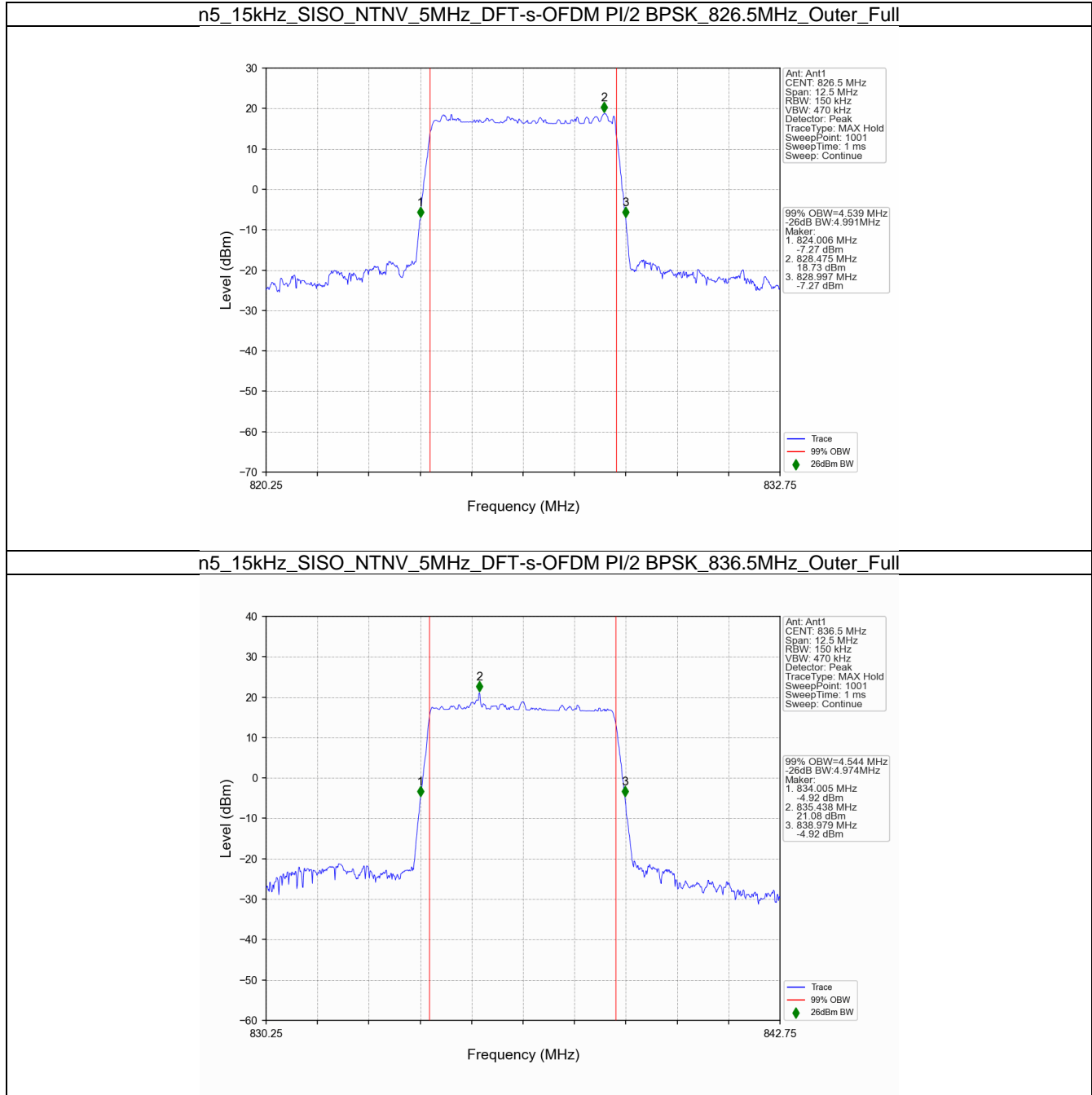


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4.1.2 Test Graph

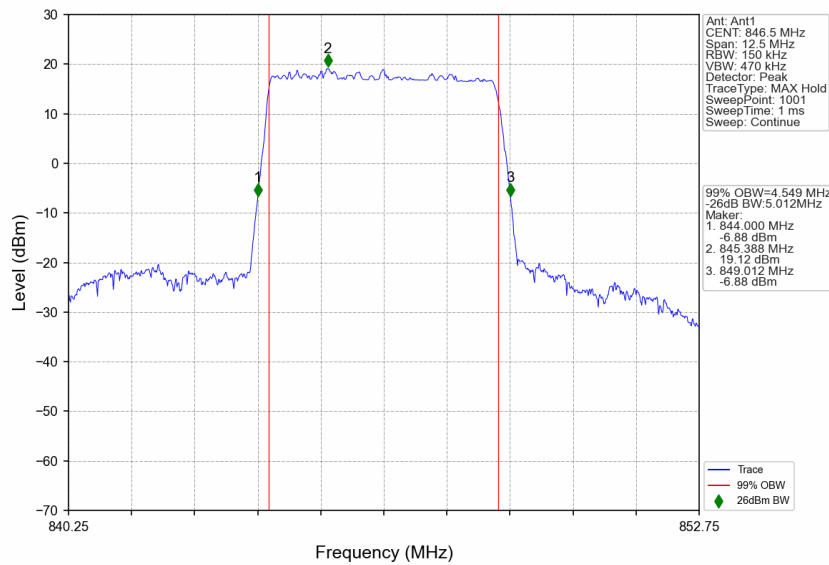


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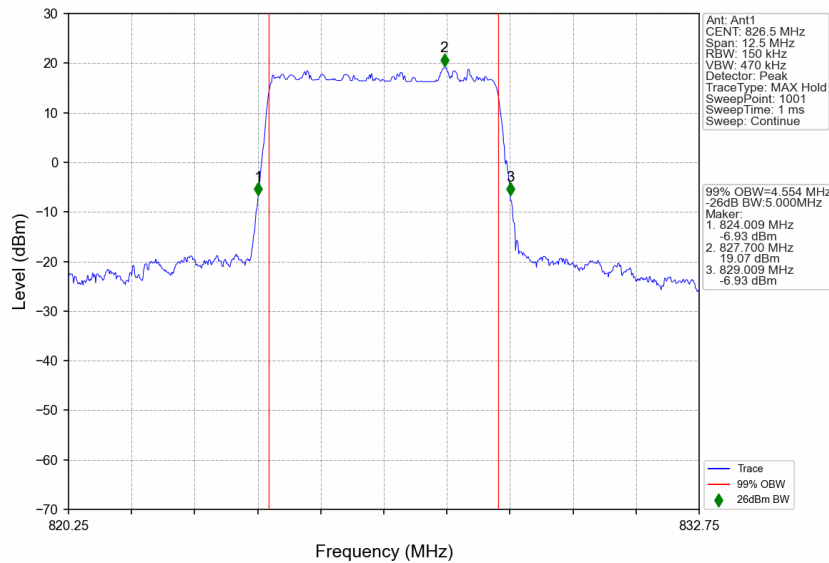
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n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Outer_Full



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Outer_Full



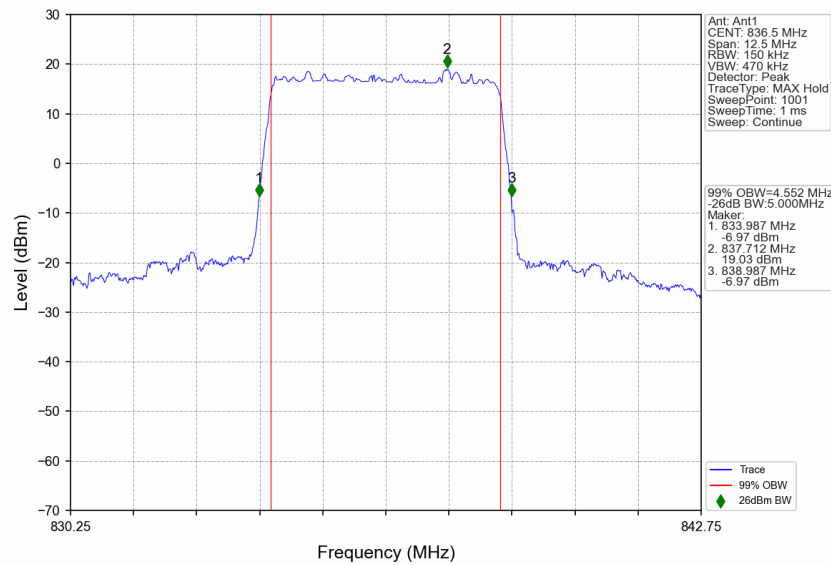
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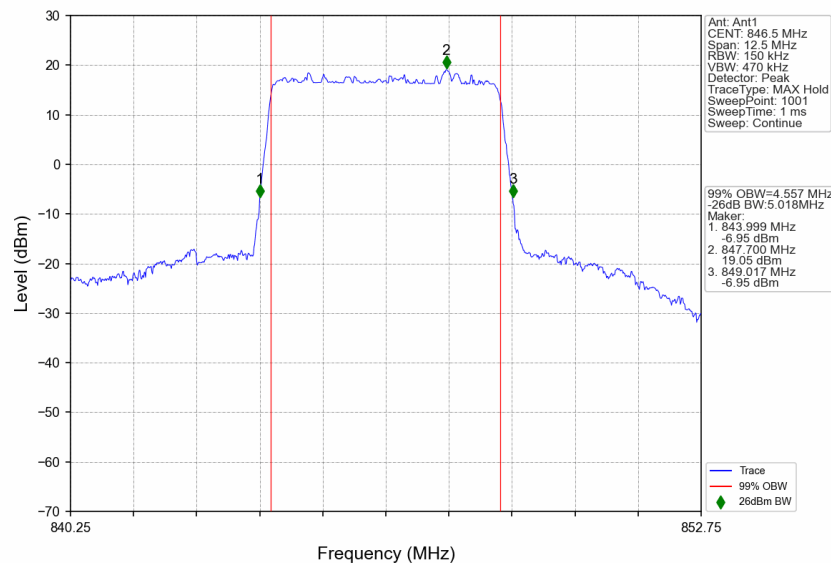
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n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Outer_Full



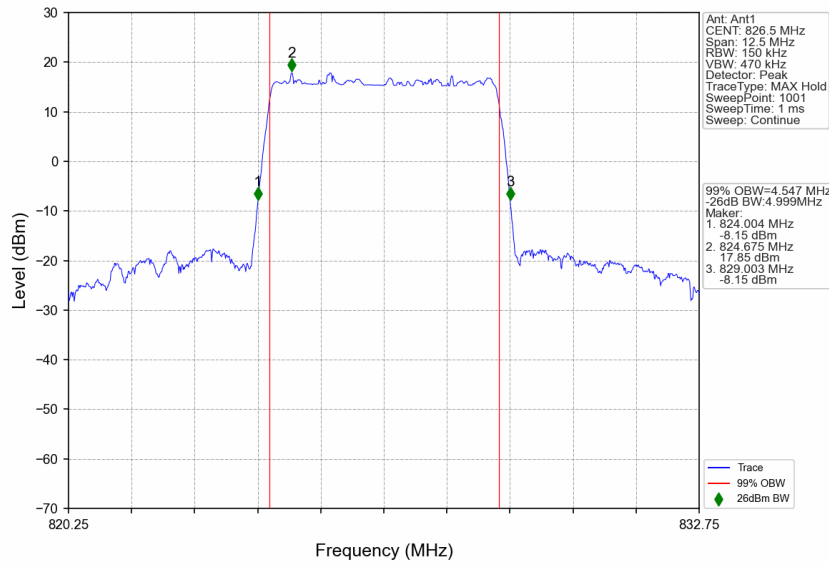
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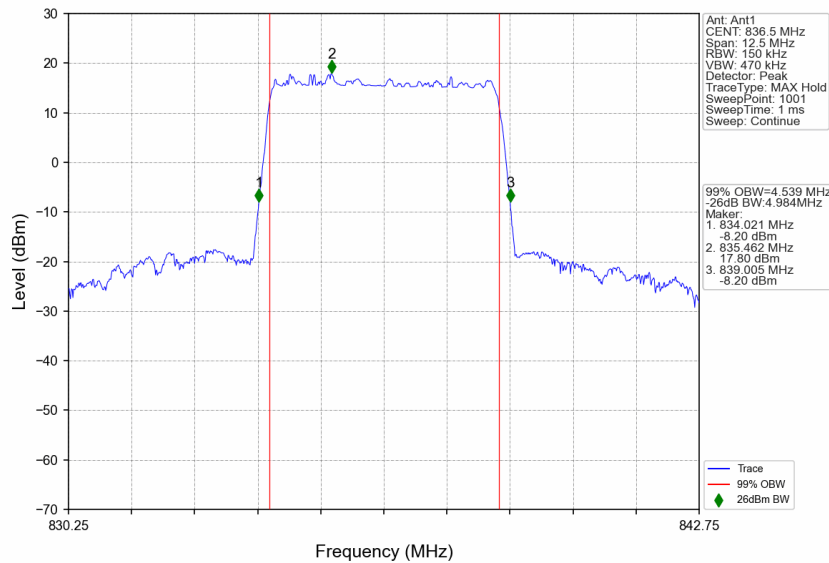
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n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_826.5MHz_Outer_Full



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full

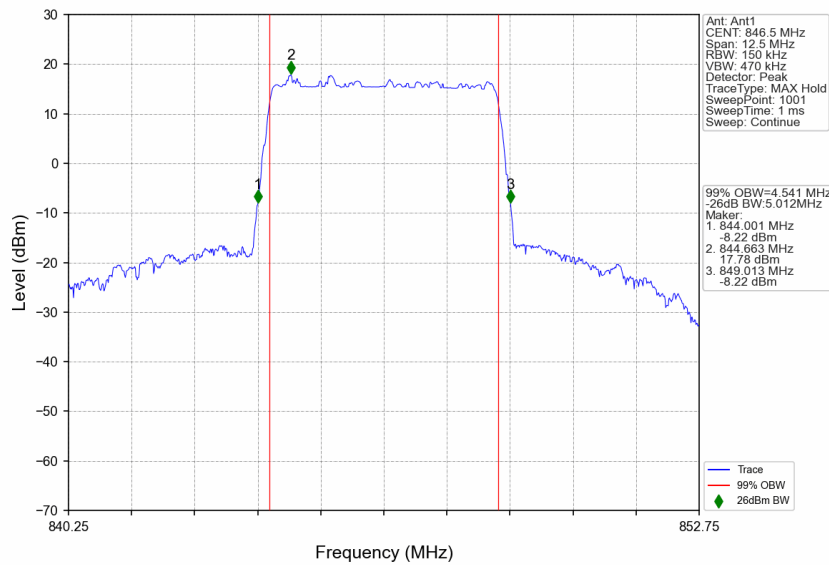


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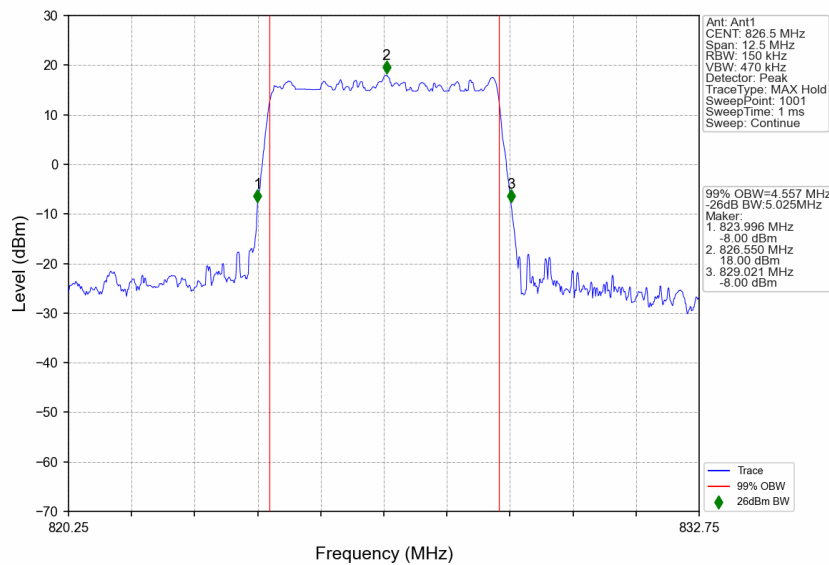
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n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_846.5MHz_Outer_Full



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_826.5MHz_Outer_Full

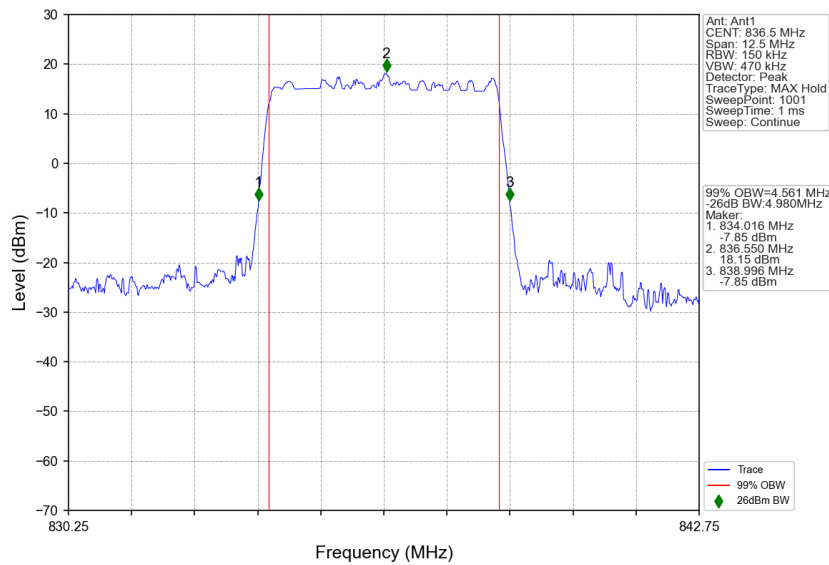


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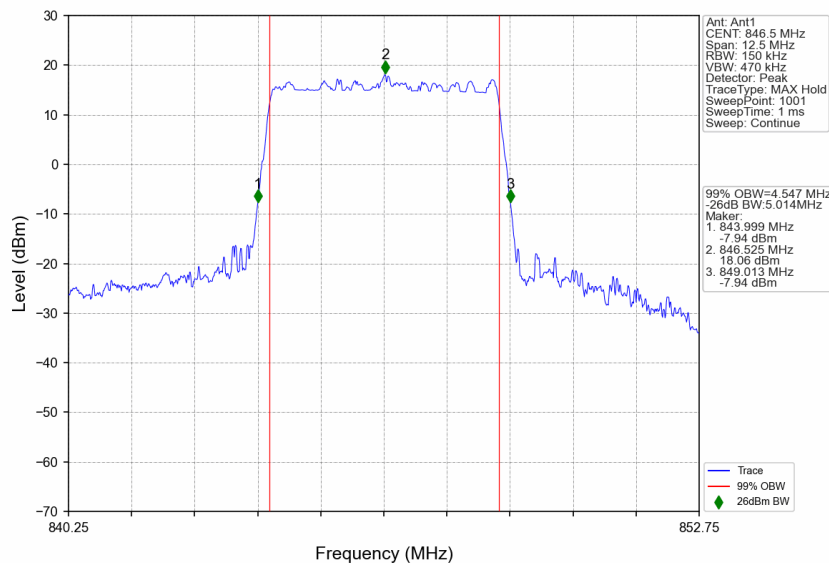
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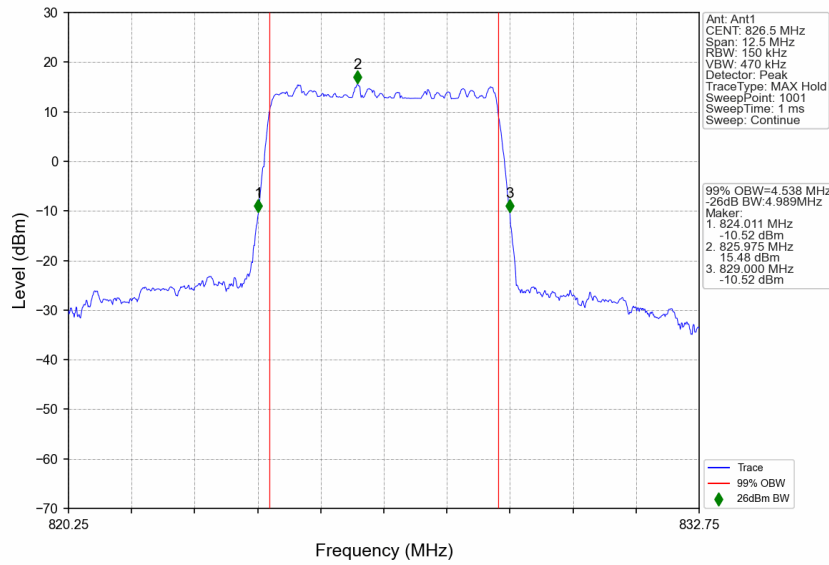


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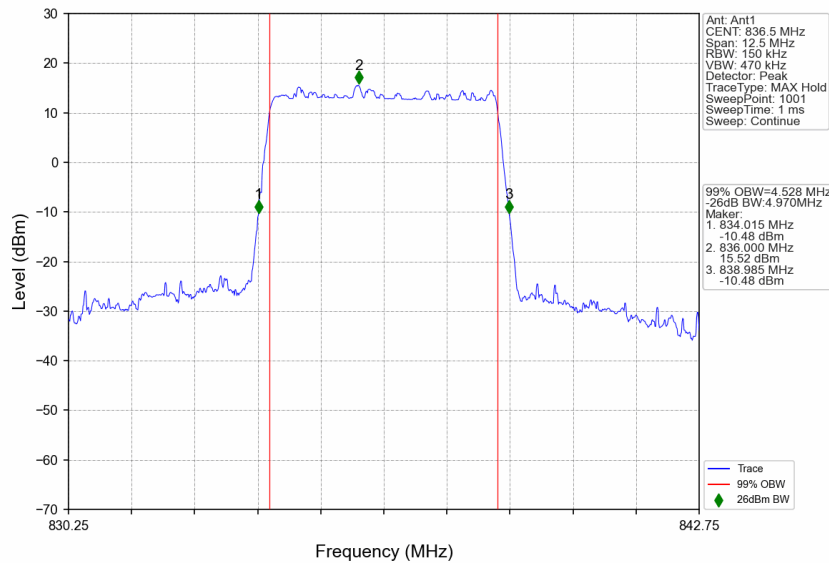
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