



BUREAU VERITAS

Test Report No.: PSU-NQN2504150110RF05

CC1:782 CC2:1772.5	NR: Outer_Full								
	LTE: 1RB_Left NR: Inner_Full	-13.94	16.56	16.56	-16.44	14.06	14.06	Pass	
	LTE: 1RB_Left NR: Inner_1RB_Left	-14.01	16.21	16.21	-16.51	13.71	13.71	Pass	
	LTE: 1RB_Left NR: Inner_1RB_Right	-14.00	16.36	16.36	-16.50	13.86	13.86	Pass	
	LTE: 1RB_Left NR: Edge_1RB_Left	-14.16	16.14	16.14	-16.66	13.64	13.64	Pass	
	LTE: 1RB_Left NR: Edge_1RB_Right	-14.22	16.22	16.22	-16.72	13.72	13.72	Pass	
	LTE: 1RB_Left NR: Outer_Full	-14.26	16.58	16.58	-16.76	14.08	14.08	Pass	
	LTE: 1RB_Left NR: Inner_Full	-14.21	16.58	16.58	-16.71	14.08	14.08	Pass	
	LTE: 1RB_Left NR: Inner_1RB_Left	-14.29	16.05	16.05	-16.79	13.55	13.55	Pass	
	LTE: 1RB_Left NR: Inner_1RB_Right	-14.23	16.23	16.23	-16.73	13.73	13.73	Pass	

Note1: Antenna Gain: AntLTE 1: -2.50dBi; AntNR 1: -2.50dBi;

Note2: ERP=Conducted Power+Antenna Gain-2.15

5G NR DC_13A_n66A SCS=15kHz SISO 20MHz NTN									
CC1:13 CC2:n66									
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)			Verdict
			LTE	NR	Sum	LTE	NR	Sum	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	CC1:782 CC2:1720	LTE: 1RB_Left NR: Edge_1RB_Left	-13.66	20.80	20.80	-16.16	18.30	18.30	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.71	20.92	20.92	-16.21	18.42	18.42	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.63	20.97	20.97	-16.13	18.47	18.47	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.75	21.44	21.44	-16.25	18.94	18.94	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.73	21.30	21.30	-16.23	18.80	18.80	Pass



		LTE: 1RB_Left NR: Inner_1RB_Right	-13.80	21.41	21.41	-16.30	18.91	18.91	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.08	20.78	20.78	-16.58	18.28	18.28	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.01	20.80	20.80	-16.51	18.30	18.30	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.87	20.96	20.96	-16.37	18.46	18.46	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.17	21.55	21.55	-16.67	19.05	19.05	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.89	21.29	21.29	-16.39	18.79	18.79	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.04	21.28	21.28	-16.54	18.78	18.78	Pass
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Edge_1RB_Left	-14.18	20.78	20.78	-16.68	18.28	18.28
	LTE: 1RB_Left NR: Edge_1RB_Right		-14.16	20.81	20.81	-16.66	18.31	18.31	Pass
	LTE: 1RB_Left NR: Outer_Full		-14.10	20.89	20.89	-16.60	18.39	18.39	Pass
	LTE: 1RB_Left NR: Inner_Full		-14.07	21.44	21.44	-16.57	18.94	18.94	Pass
	LTE: 1RB_Left NR: Inner_1RB_Left		-14.17	21.20	21.20	-16.67	18.70	18.70	Pass
	LTE: 1RB_Left NR: Inner_1RB_Right		-14.13	21.35	21.35	-16.63	18.85	18.85	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	CC1:782 CC2:1720	LTE: 1RB_Left NR: Edge_1RB_Left	-13.62	20.28	20.28	-16.12	17.78	17.78	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.61	20.43	20.43	-16.11	17.93	17.93	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.71	20.41	20.41	-16.21	17.91	17.91	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.60	21.35	21.35	-16.10	18.85	18.85	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.52	21.17	21.17	-16.02	18.67	18.67	Pass



BUREAU VERITAS

Test Report No.: PSU-NQN2504150110RF05

		LTE: 1RB_Left NR: Inner_1RB_Right	-13.81	21.37	21.37	-16.31	18.87	18.87	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.15	20.28	20.28	-16.65	17.78	17.78	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.08	20.27	20.27	-16.58	17.77	17.77	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.05	20.40	20.40	-16.55	17.90	17.90	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.97	21.44	21.44	-16.47	18.94	18.94	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.96	21.23	21.23	-16.46	18.73	18.73	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.76	21.28	21.28	-16.26	18.78	18.78	Pass
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Edge_1RB_Left	-14.16	20.15	20.15	-16.66	17.65	17.65
	LTE: 1RB_Left NR: Edge_1RB_Right		-14.18	20.33	20.33	-16.68	17.83	17.83	Pass
	LTE: 1RB_Left NR: Outer_Full		-14.12	20.42	20.42	-16.62	17.92	17.92	Pass
	LTE: 1RB_Left NR: Inner_Full		-14.13	21.27	21.27	-16.63	18.77	18.77	Pass
	LTE: 1RB_Left NR: Inner_1RB_Left		-14.15	21.13	21.13	-16.65	18.63	18.63	Pass
	LTE: 1RB_Left NR: Inner_1RB_Right		-14.17	21.25	21.25	-16.67	18.75	18.75	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	CC1:782 CC2:1720	LTE: 1RB_Left NR: Edge_1RB_Left	-13.65	19.32	19.32	-16.15	16.82	16.82	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.62	19.67	19.67	-16.12	17.17	17.17	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.74	19.36	19.36	-16.24	16.86	16.86	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.76	20.32	20.32	-16.26	17.82	17.82	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.67	20.36	20.36	-16.17	17.86	17.86	Pass



		LTE: 1RB_Left NR: Inner_1RB_Right	-13.80	20.49	20.49	-16.30	17.99	17.99	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-13.85	19.48	19.48	-16.35	16.98	16.98	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.10	19.43	19.43	-16.60	16.93	16.93	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.89	19.31	19.31	-16.39	16.81	16.81	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.00	20.37	20.37	-16.50	17.87	17.87	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.97	20.43	20.43	-16.47	17.93	17.93	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.07	20.40	20.40	-16.57	17.90	17.90	Pass
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Edge_1RB_Left	-14.19	19.27	19.27	-16.69	16.77	16.77
	LTE: 1RB_Left NR: Edge_1RB_Right		-14.13	19.45	19.45	-16.63	16.95	16.95	Pass
	LTE: 1RB_Left NR: Outer_Full		-14.08	19.35	19.35	-16.58	16.85	16.85	Pass
	LTE: 1RB_Left NR: Inner_Full		-14.17	20.27	20.27	-16.67	17.77	17.77	Pass
	LTE: 1RB_Left NR: Inner_1RB_Left		-14.22	20.29	20.29	-16.72	17.79	17.79	Pass
	LTE: 1RB_Left NR: Inner_1RB_Right		-14.30	20.42	20.42	-16.80	17.92	17.92	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	CC1:782 CC2:1720	LTE: 1RB_Left NR: Edge_1RB_Left	-13.64	18.76	18.76	-16.14	16.26	16.26	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.87	18.98	18.98	-16.37	16.48	16.48	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.56	18.95	18.95	-16.06	16.45	16.45	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.64	18.95	18.95	-16.14	16.45	16.45	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.57	18.79	18.79	-16.07	16.29	16.29	Pass



		LTE: 1RB_Left NR: Inner_1RB_Right	-13.75	18.97	18.97	-16.25	16.47	16.47	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.09	18.78	18.78	-16.59	16.28	16.28	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.05	18.76	18.76	-16.55	16.26	16.26	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.84	18.88	18.88	-16.34	16.38	16.38	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.02	19.03	19.03	-16.52	16.53	16.53	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.92	18.72	18.72	-16.42	16.22	16.22	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.05	18.76	18.76	-16.55	16.26	16.26	Pass
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Edge_1RB_Left	-14.04	18.67	18.67	-16.54	16.17	16.17
	LTE: 1RB_Left NR: Edge_1RB_Right		-14.11	18.86	18.86	-16.61	16.36	16.36	Pass
	LTE: 1RB_Left NR: Outer_Full		-14.19	18.85	18.85	-16.69	16.35	16.35	Pass
	LTE: 1RB_Left NR: Inner_Full		-14.15	18.92	18.92	-16.65	16.42	16.42	Pass
	LTE: 1RB_Left NR: Inner_1RB_Left		-15.08	18.71	18.71	-17.58	16.21	16.21	Pass
	LTE: 1RB_Left NR: Inner_1RB_Right		-14.18	18.77	18.77	-16.68	16.27	16.27	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	CC1:782 CC2:1720	LTE: 1RB_Left NR: Edge_1RB_Left	-13.64	16.46	16.46	-16.14	13.96	13.96	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.73	16.71	16.71	-16.23	14.21	14.21	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.83	16.96	16.96	-16.33	14.46	14.46	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.67	16.88	16.88	-17.17	14.38	14.38	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.68	16.58	16.58	-16.18	14.08	14.08	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

		LTE: 1RB_Left NR: Inner_1RB_Right	-13.60	16.72	16.72	-16.10	14.22	14.22	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-13.65	16.49	16.49	-16.15	13.99	13.99	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.13	16.48	16.48	-16.63	13.98	13.98	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.77	16.87	16.87	-16.27	14.37	14.37	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.98	16.94	16.94	-16.48	14.44	14.44	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.08	16.52	16.52	-16.58	14.02	14.02	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.02	16.51	16.51	-16.52	14.01	14.01	Pass
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Edge_1RB_Left	-14.23	16.39	16.39	-16.73	13.89	13.89
	LTE: 1RB_Left NR: Edge_1RB_Right		-14.14	16.57	16.57	-16.64	14.07	14.07	Pass
	LTE: 1RB_Left NR: Outer_Full		-14.23	16.87	16.87	-16.73	14.37	14.37	Pass
	LTE: 1RB_Left NR: Inner_Full		-14.22	16.87	16.87	-16.72	14.37	14.37	Pass
	LTE: 1RB_Left NR: Inner_1RB_Left		-14.17	16.30	16.30	-16.67	13.80	13.80	Pass
	LTE: 1RB_Left NR: Inner_1RB_Right		-14.24	16.48	16.48	-16.74	13.98	13.98	Pass
LTE: QPSK NR: CP-OFDM QPSK	CC1:782 CC2:1720	LTE: 1RB_Left NR: Edge_1RB_Left	-13.70	19.66	19.66	-16.20	17.16	17.16	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.79	19.84	19.84	-16.29	17.34	17.34	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.64	19.66	19.66	-17.14	17.16	17.16	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.70	19.86	19.86	-16.20	17.36	17.36	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.66	19.90	19.90	-16.16	17.40	17.40	Pass



BUREAU
VERITAS

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		LTE: 1RB_Left NR: Inner_1RB_Right	-13.62	20.08	20.08	-16.12	17.58	17.58	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.03	19.69	19.69	-16.53	17.19	17.19	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.93	19.76	19.76	-16.43	17.26	17.26	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.97	19.74	19.74	-16.47	17.24	17.24	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.02	19.94	19.94	-16.52	17.44	17.44	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.90	19.97	19.97	-16.40	17.47	17.47	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.02	20.01	20.01	-16.52	17.51	17.51	Pass
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Edge_1RB_Left	-14.17	19.58	19.58	-16.67	17.08	17.08
	LTE: 1RB_Left NR: Edge_1RB_Right		-14.17	19.77	19.77	-16.67	17.27	17.27	Pass
	LTE: 1RB_Left NR: Outer_Full		-14.24	19.68	19.68	-16.74	17.18	17.18	Pass
	LTE: 1RB_Left NR: Inner_Full		-14.11	19.83	19.83	-16.61	17.33	17.33	Pass
	LTE: 1RB_Left NR: Inner_1RB_Left		-14.17	19.91	19.91	-16.67	17.41	17.41	Pass
	LTE: 1RB_Left NR: Inner_1RB_Right		-14.13	19.92	19.92	-16.63	17.42	17.42	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	CC1:782 CC2:1720	LTE: 1RB_Left NR: Edge_1RB_Left	-13.63	19.30	19.30	-16.13	16.80	16.80	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.68	19.55	19.55	-16.18	17.05	17.05	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.60	19.24	19.24	-16.10	16.74	17.62	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.72	19.46	19.46	-16.22	16.96	16.96	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.77	19.27	19.27	-16.27	16.77	16.77	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

		LTE: 1RB_Left NR: Inner_1RB_Right	-13.52	19.44	19.44	-16.02	16.94	16.94	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-13.86	19.30	19.30	-16.36	16.80	16.80	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.02	19.19	19.19	-16.52	16.69	16.69	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.97	19.28	19.28	-16.47	16.78	16.78	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.08	19.42	19.42	-16.58	16.92	16.92	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.09	19.43	19.43	-16.59	16.93	16.93	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.09	19.39	19.39	-16.59	16.89	16.89	Pass
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Edge_1RB_Left	-14.09	19.11	19.11	-16.59	16.61	16.61
	LTE: 1RB_Left NR: Edge_1RB_Right		-14.23	19.32	19.32	-16.73	16.82	16.82	Pass
	LTE: 1RB_Left NR: Outer_Full		-13.98	19.23	19.23	-16.48	16.73	16.73	Pass
	LTE: 1RB_Left NR: Inner_Full		-14.18	19.40	19.40	-16.68	16.90	16.90	Pass
	LTE: 1RB_Left NR: Inner_1RB_Left		-14.20	19.24	19.24	-16.70	16.74	16.74	Pass
	LTE: 1RB_Left NR: Inner_1RB_Right		-13.99	19.41	19.41	-16.49	16.91	16.91	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	CC1:782 CC2:1720	LTE: 1RB_Left NR: Edge_1RB_Left	-13.47	17.75	17.75	-15.97	15.25	15.25	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.71	17.97	17.97	-16.21	15.47	15.47	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.55	17.93	17.93	-16.05	15.43	15.43	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.61	17.98	17.98	-16.11	15.48	15.48	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.61	17.77	17.77	-16.11	15.27	15.27	Pass



BUREAU
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Test Report No.: PSU-NQN2504150110RF05

		LTE: 1RB_Left NR: Inner_1RB_Right	-14.62	17.92	17.92	-17.12	15.42	15.42	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.04	17.79	17.79	-16.54	15.29	15.29	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.10	17.76	17.76	-16.60	15.26	15.26	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.07	17.89	17.89	-16.57	15.39	15.39	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.97	18.00	18.00	-16.47	15.50	15.50	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.93	17.82	17.82	-16.43	15.32	15.32	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.91	17.73	17.73	-16.41	15.23	15.23	Pass
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Edge_1RB_Left	-13.92	17.57	17.57	-16.42	15.07	15.07
	LTE: 1RB_Left NR: Edge_1RB_Right		-14.06	17.65	17.65	-16.56	15.15	15.15	Pass
	LTE: 1RB_Left NR: Outer_Full		-14.09	17.90	17.90	-16.59	15.40	15.40	Pass
	LTE: 1RB_Left NR: Inner_Full		-14.05	17.94	17.94	-16.55	15.44	15.44	Pass
	LTE: 1RB_Left NR: Inner_1RB_Left		-14.18	17.60	17.60	-16.68	15.10	15.10	Pass
	LTE: 1RB_Left NR: Inner_1RB_Right		-14.26	17.76	17.76	-16.76	15.26	15.26	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	CC1:782 CC2:1720	LTE: 1RB_Left NR: Edge_1RB_Left	-13.70	16.13	16.13	-16.20	13.63	13.63	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.54	16.36	16.36	-16.04	13.86	13.86	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.54	16.54	16.54	-16.04	14.04	14.04	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.63	16.44	16.44	-16.13	13.94	13.94	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.68	16.14	16.14	-16.18	13.64	13.64	Pass



**BUREAU
VERITAS**

Test Report No.: PSU-NQN2504150110RF05

		LTE: 1RB_Left NR: Inner_1RB_Right	-13.60	16.30	16.30	-16.10	13.80	13.80	Pass
CC1:782 CC2:1745		LTE: 1RB_Left NR: Edge_1RB_Left	-13.99	16.19	16.19	-16.49	13.69	13.69	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.03	16.13	16.13	-16.53	13.63	13.63	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.13	16.60	16.60	-16.63	14.10	14.10	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.00	16.57	16.57	-16.50	14.07	14.07	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.19	16.11	16.11	-16.69	13.61	13.61	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.93	16.16	16.16	-16.43	13.66	13.66	Pass
	CC1:782 CC2:1770		LTE: 1RB_Left NR: Edge_1RB_Left	-14.14	16.04	16.04	-16.64	13.54	13.54
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.19	16.18	16.18	-16.69	13.68	13.68	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.13	16.59	16.59	-16.63	14.09	14.09	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.17	16.54	16.54	-16.67	14.04	14.04	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.19	15.99	15.99	-16.69	13.49	13.49	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.22	16.14	16.14	-16.72	13.64	13.64	Pass

Note1: Antenna Gain: AntLTE 1: -2.50dBi; AntNR 1: -2.50dBi;

Note2: ERP=Conducted Power+Antenna Gain-2.15

5G NR DC_13A_n66A SCS=15kHz SISO 25MHz NTN									
CC1:13 CC2:n66									
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)			Verdict
			LTE	NR	Sum	LTE	NR	Sum	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Edge_1RB_Left	-13.68	20.75	20.75	-16.18	18.25	18.25	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

		LTE: 1RB_Left NR: Edge_1RB_Right	-13.57	20.82	20.82	-16.07	18.32	18.32	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.68	20.85	20.85	-16.18	18.35	18.35	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.71	21.32	21.32	-16.21	18.82	18.82	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.82	21.19	21.19	-16.32	18.69	18.69	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.60	21.37	21.37	-16.10	18.87	18.87	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.12	20.99	20.99	-16.62	18.49	18.49	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.10	20.92	20.92	-16.60	18.42	18.42	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.25	21.04	21.04	-16.75	18.54	18.54	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.11	21.53	21.53	-16.61	19.03	19.03	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.88	21.42	21.42	-16.38	18.92	18.92	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.17	21.36	21.36	-16.67	18.86	18.86	Pass
	CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Edge_1RB_Left	-14.11	20.95	20.95	-16.61	18.45	18.45	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.03	21.02	21.02	-16.53	18.52	18.52	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.11	20.99	20.99	-16.61	18.49	18.49	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.04	21.52	21.52	-16.54	19.02	19.02	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.24	21.45	21.45	-16.74	18.95	18.95	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.20	21.51	21.51	-16.70	19.01	19.01	Pass
LTE: QPSK NR: DFT-s-OFDM	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Edge_1RB_Left	-13.63	20.19	20.19	-16.13	17.69	17.69	Pass



BUREAU VERITAS

Test Report No.: PSU-NQN2504150110RF05

QPSK		LTE: 1RB_Left NR: Edge_1RB_Right	-13.62	20.28	20.28	-16.12	17.78	17.78	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.44	20.29	20.29	-15.94	17.79	17.79	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.58	21.18	21.18	-16.08	18.68	18.68	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.58	21.16	21.16	-16.08	18.66	18.66	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.68	21.27	21.27	-16.18	18.77	18.77	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.12	20.44	20.44	-16.62	17.94	17.94	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.28	20.38	20.38	-16.78	17.88	17.88	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.17	20.53	20.53	-16.67	18.03	18.03	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.12	21.46	21.46	-16.62	18.96	18.96	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.05	21.38	21.38	-16.55	18.88	18.88	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.22	21.36	21.36	-16.72	18.86	18.86	Pass
	CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Edge_1RB_Left	-14.18	20.48	20.48	-16.68	17.98	17.98	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.15	20.42	20.42	-16.65	17.92	17.92	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.13	20.53	20.53	-16.63	18.03	18.03	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.10	21.42	21.42	-16.60	18.92	18.92	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.21	21.46	21.46	-16.71	18.96	18.96	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.19	21.40	21.40	-16.69	18.90	18.90	Pass
	LTE: QPSK NR: DFT-s-OFDM	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Edge_1RB_Left	-13.75	19.24	19.24	-16.25	16.74	16.74



**BUREAU
VERITAS**

Test Report No.: PSU-NQN2504150110RF05

16 QAM		LTE: 1RB_Left NR: Edge_1RB_Right	-13.72	19.54	19.54	-16.22	17.04	17.04	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.50	19.28	19.28	-16.00	16.78	16.78	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.63	20.17	20.17	-16.13	17.67	17.67	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.72	20.26	20.26	-16.22	17.76	17.76	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.64	20.38	20.38	-16.14	17.88	17.88	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.29	19.58	19.58	-16.79	17.08	17.08	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.04	19.55	19.55	-16.54	17.05	17.05	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.19	19.45	19.45	-16.69	16.95	16.95	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.87	20.44	20.44	-16.37	17.94	17.94	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.23	20.54	20.54	-16.73	18.04	18.04	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.16	20.38	20.38	-16.66	17.88	17.88	Pass
	CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Edge_1RB_Left	-14.23	19.56	19.56	-16.73	17.06	17.06	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.18	19.54	19.54	-16.68	17.04	17.04	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.90	19.46	19.46	-16.40	16.96	16.96	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.07	20.39	20.39	-16.57	17.89	17.89	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.09	20.61	20.61	-16.59	18.11	18.11	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.92	20.46	20.46	-16.42	17.96	17.96	Pass
	LTE: QPSK NR: DFT-s-OFDM	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Edge_1RB_Left	-13.75	18.69	18.69	-16.25	16.19	16.19



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

64 QAM		LTE: 1RB_Left NR: Edge_1RB_Right	-13.72	18.79	18.79	-16.22	16.29	16.29	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.56	18.76	18.76	-16.06	16.26	16.26	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.75	18.82	18.82	-16.25	16.32	16.32	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.55	18.64	18.64	-16.05	16.14	16.14	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.67	18.77	18.77	-16.17	16.27	16.27	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-13.98	18.93	18.93	-16.48	16.43	16.43	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.09	18.94	18.94	-16.59	16.44	16.44	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.03	18.99	18.99	-16.53	16.49	16.49	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.21	19.07	19.07	-16.71	16.57	16.57	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.99	18.94	18.94	-16.49	16.44	16.44	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.24	18.92	18.92	-16.74	16.42	16.42	Pass
	CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Edge_1RB_Left	-14.20	18.98	18.98	-16.70	16.48	16.48	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.24	18.89	18.89	-16.74	16.39	16.39	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.92	18.94	18.94	-16.42	16.44	16.44	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.10	18.97	18.97	-16.60	16.47	16.47	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.15	18.88	18.88	-16.65	16.38	16.38	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.19	18.89	18.89	-16.69	16.39	16.39	Pass
	LTE: QPSK NR: DFT-s-OFDM	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Edge_1RB_Left	-13.70	16.44	16.44	-16.20	13.94	13.94



256 QAM		LTE: 1RB_Left NR: Edge_1RB_Right	-13.50	16.60	16.60	-16.00	14.10	14.10	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.69	16.72	16.72	-16.19	14.22	14.22	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.74	16.73	16.73	-16.24	14.23	14.23	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.71	16.44	16.44	-16.21	13.94	13.94	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.83	16.50	16.50	-16.33	14.00	14.00	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.18	16.69	16.69	-16.68	14.19	14.19	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.05	16.68	16.68	-16.55	14.18	14.18	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.19	16.98	16.98	-16.69	14.48	14.48	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.10	16.96	16.96	-16.60	14.46	14.46	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.02	16.68	16.68	-16.52	14.18	14.18	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.22	16.65	16.65	-16.72	14.15	14.15	Pass
	CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Edge_1RB_Left	-14.22	16.70	16.70	-16.72	14.20	14.20	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.26	16.63	16.63	-16.76	14.13	14.13	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.14	16.98	16.98	-16.64	14.48	14.48	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.14	16.89	16.89	-16.64	14.39	14.39	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.71	16.70	16.70	-16.21	14.20	14.20	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.10	16.67	16.67	-16.60	14.17	14.17	Pass
	LTE: QPSK NR: CP-OFDM	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Edge_1RB_Left	-13.51	19.56	19.56	-16.01	17.06	17.06



**BUREAU
VERITAS**

Test Report No.: PSU-NQN2504150110RF05

QPSK		LTE: 1RB_Left NR: Edge_1RB_Right	-13.52	19.67	19.67	-16.02	17.17	17.17	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.74	19.49	19.49	-16.24	16.99	16.99	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.76	19.84	19.84	-16.26	17.34	17.34	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.65	19.86	19.86	-16.15	17.36	17.36	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.63	19.92	19.92	-16.13	17.42	17.42	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.10	19.75	19.75	-16.60	17.25	17.25	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.30	19.85	19.85	-16.80	17.35	17.35	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.31	19.67	19.67	-16.81	17.17	17.17	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.18	20.10	20.10	-16.68	17.60	17.60	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.19	20.00	20.00	-16.69	17.50	17.50	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.18	20.07	20.07	-16.68	17.57	17.57	Pass
	CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Edge_1RB_Left	-14.20	19.84	19.84	-16.70	17.34	17.34	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.13	19.75	19.75	-16.63	17.25	17.25	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.14	19.71	19.71	-16.64	17.21	17.21	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.91	20.06	20.06	-16.41	17.56	17.56	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.22	20.17	20.17	-16.72	17.67	17.67	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.07	20.05	20.05	-16.57	17.55	17.55	Pass
	LTE: QPSK NR: CP-OFDM 16	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Edge_1RB_Left	-13.69	19.03	19.03	-16.19	16.53	16.53



**BUREAU
VERITAS**

Test Report No.: PSU-NQN2504150110RF05

QAM		LTE: 1RB_Left NR: Edge_1RB_Right	-13.78	19.16	19.16	-16.28	16.66	16.66	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.59	19.00	19.00	-16.09	16.50	16.50	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.76	19.24	19.24	-16.26	16.74	16.74	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.62	19.30	19.30	-16.12	16.80	16.80	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.57	19.33	19.33	-16.07	16.83	16.83	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.07	19.36	19.36	-16.57	16.86	16.86	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-15.16	19.25	19.25	-17.66	16.75	16.75	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.22	19.19	19.19	-16.72	16.69	16.69	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.09	19.49	19.49	-16.59	16.99	16.99	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.28	19.42	19.42	-16.78	16.92	16.92	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.31	19.41	19.41	-16.81	16.91	16.91	Pass
	CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Edge_1RB_Left	-14.18	19.24	19.24	-16.68	16.74	16.74	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.79	19.24	19.24	-16.29	16.74	16.74	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.24	19.19	19.19	-16.74	16.69	16.69	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.12	19.49	19.49	-16.62	16.99	16.99	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.92	19.53	19.53	-16.42	17.03	17.03	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.14	19.59	19.59	-16.64	17.09	17.09	Pass
	LTE: QPSK NR: CP-OFDM 64	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Edge_1RB_Left	-13.66	17.75	17.75	-16.16	15.25	15.25



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

QAM		LTE: 1RB_Left NR: Edge_1RB_Right	-14.57	17.85	17.85	-17.07	15.35	15.35	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.40	17.80	17.80	-15.90	15.30	15.30	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.59	17.81	17.81	-16.09	15.31	15.31	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.72	17.70	17.70	-17.22	15.20	15.20	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.65	17.87	17.87	-17.15	15.37	15.37	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.23	17.90	17.90	-16.73	15.40	15.40	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.22	17.85	17.85	-16.72	15.35	15.35	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.89	18.04	18.04	-16.39	15.54	15.54	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.11	18.03	18.03	-16.61	15.53	15.53	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.08	17.90	17.90	-16.58	15.40	15.40	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.15	17.93	17.93	-16.65	15.43	15.43	Pass
	CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Edge_1RB_Left	-14.20	17.94	17.94	-16.70	15.44	15.44	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.23	17.86	17.86	-16.73	15.36	15.36	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.07	18.01	18.01	-16.57	15.51	15.51	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.27	18.07	18.07	-16.77	15.57	15.57	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.11	17.96	17.96	-16.61	15.46	15.46	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.23	17.89	17.89	-16.73	15.39	15.39	Pass
	LTE: QPSK NR: CP-OFDM	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Edge_1RB_Left	-13.72	16.07	16.07	-16.22	13.57	13.57



**BUREAU
VERITAS**

Test Report No.: PSU-NQN2504150110RF05

256 QAM		LTE: 1RB_Left NR: Edge_1RB_Right	-13.60	16.27	16.27	-16.10	13.77	13.77	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.88	16.42	16.42	-16.38	13.92	13.92	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.68	16.38	16.38	-16.18	13.88	13.88	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.85	16.02	16.02	-16.35	13.52	13.52	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.82	16.08	16.08	-16.32	13.58	13.58	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.22	16.24	16.24	-16.72	13.74	13.74	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.02	16.27	16.27	-16.52	13.77	13.77	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.22	16.62	16.62	-16.72	14.12	14.12	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.26	16.61	16.61	-16.76	14.11	14.11	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.01	16.28	16.28	-16.51	13.78	13.78	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.12	16.30	16.30	-16.62	13.80	13.80	Pass
	CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Edge_1RB_Left	-14.10	16.33	16.33	-16.60	13.83	13.83	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.01	16.30	16.30	-16.51	13.80	13.80	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.18	16.58	16.58	-16.68	14.08	14.08	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.18	16.61	16.61	-16.68	14.11	14.11	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.22	16.34	16.34	-16.72	13.84	13.84	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.13	16.33	16.33	-16.63	13.83	13.83	Pass

Note1: Antenna Gain: AntLTE 1: -2.50dBi; AntNR 1: -2.50dBi;

Note2: ERP=Conducted Power+Antenna Gain-2.15



**BUREAU
VERITAS**

Test Report No.: PSU-NQN2504150110RF05

5G NR DC_13A_n66A SCS=15kHz SISO 30MHz NTNv									
CC1:13 CC2:n66									
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)			Verdict
			LTE	NR	Sum	LTE	NR	Sum	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	CC1:782 CC2:1725	LTE: 1RB_Left NR: Edge_1RB_Left	-13.69	20.78	20.78	-16.19	18.28	18.28	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.68	20.87	20.87	-16.18	18.37	18.37	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.73	20.93	20.93	-16.23	18.43	18.43	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.73	21.51	21.51	-16.23	19.01	19.01	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.65	21.18	21.18	-16.15	18.68	18.68	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.63	21.34	21.34	-16.13	18.84	18.84	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-13.97	20.92	20.92	-16.47	18.42	18.42	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.94	20.91	20.91	-16.44	18.41	18.41	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.98	21.07	21.07	-16.48	18.57	18.57	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.92	21.56	21.56	-16.42	19.06	19.06	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.03	21.40	21.40	-16.53	18.90	18.90	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.96	21.46	21.46	-16.46	18.96	18.96	Pass
	CC1:782 CC2:1765	LTE: 1RB_Left NR: Edge_1RB_Left	-14.26	20.94	20.94	-16.76	18.44	18.44	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.28	21.05	21.05	-16.78	18.55	18.55	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.17	21.12	21.12	-16.67	18.62	18.62	Pass
		LTE: 1RB_Left	-14.33	21.56	21.56	-16.83	19.06	19.06	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

		NR: Inner_Full							
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.10	21.51	21.51	-16.60	19.01	19.01	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.27	21.54	21.54	-16.77	19.04	19.04	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	CC1:782 CC2:1725	LTE: 1RB_Left NR: Edge_1RB_Left	-13.52	20.19	20.19	-16.02	17.69	17.69	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.56	20.38	20.38	-16.06	17.88	17.88	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.86	20.54	20.54	-16.36	18.04	18.04	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.54	21.48	21.48	-16.04	18.98	18.98	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.80	21.13	21.13	-16.30	18.63	18.63	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.72	21.29	21.29	-16.22	18.79	18.79	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.01	20.45	20.45	-16.51	17.95	17.95	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.94	20.45	20.45	-16.44	17.95	17.95	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.89	20.59	20.59	-16.39	18.09	18.09	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.00	21.51	21.51	-16.50	19.01	19.01	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.91	21.39	21.39	-16.41	18.89	18.89	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.95	21.26	21.26	-16.45	18.76	18.76	Pass
	CC1:782 CC2:1765	LTE: 1RB_Left NR: Edge_1RB_Left	-14.13	20.55	20.55	-16.63	18.05	18.05	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.21	20.40	20.40	-16.71	17.90	17.90	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.28	20.63	20.63	-16.78	18.13	18.13	Pass
		LTE: 1RB_Left	-13.83	21.52	21.52	-16.33	19.02	19.02	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

		NR: Inner_Full							
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.21	21.48	21.48	-16.71	18.98	18.98	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.08	21.38	21.38	-16.58	18.88	18.88	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	CC1:782 CC2:1725	LTE: 1RB_Left NR: Edge_1RB_Left	-13.73	19.33	19.33	-16.23	16.83	16.83	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.70	19.68	19.68	-16.20	17.18	17.18	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.62	19.28	19.28	-16.12	16.78	16.78	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.64	20.26	20.26	-16.14	17.76	17.76	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.56	20.35	20.35	-16.06	17.85	17.85	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.75	20.49	20.49	-16.25	17.99	17.99	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.00	19.55	19.55	-16.50	17.05	17.05	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.03	19.52	19.52	-16.53	17.02	17.02	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.97	19.49	19.49	-16.47	16.99	16.99	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.20	20.43	20.43	-16.70	17.93	17.93	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.85	20.62	20.62	-16.35	18.12	18.12	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.70	20.47	20.47	-16.20	17.97	17.97	Pass
	CC1:782 CC2:1765	LTE: 1RB_Left NR: Edge_1RB_Left	-14.16	19.56	19.56	-16.66	17.06	17.06	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.99	19.58	19.58	-16.49	17.08	17.08	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.98	19.52	19.52	-16.48	17.02	17.02	Pass
		LTE: 1RB_Left	-14.00	20.44	20.44	-16.50	17.94	17.94	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

		NR: Inner_Full							
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.02	20.56	20.56	-16.52	18.06	18.06	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.17	20.58	20.58	-16.67	18.08	18.08	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	CC1:782 CC2:1725	LTE: 1RB_Left NR: Edge_1RB_Left	-13.66	18.69	18.69	-16.16	16.19	16.19	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.57	18.82	18.82	-16.07	16.32	16.32	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.64	18.82	18.82	-16.14	16.32	16.32	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.76	18.96	18.96	-16.26	16.46	16.46	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.68	18.67	18.67	-16.18	16.17	16.17	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.73	18.86	18.86	-16.23	16.36	16.36	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-13.73	18.87	18.87	-16.23	16.37	16.37	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.05	18.74	18.74	-16.55	16.24	16.24	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.89	19.06	19.06	-16.39	16.56	16.56	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.98	19.03	19.03	-16.48	16.53	16.53	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.91	18.90	18.90	-16.41	16.40	16.40	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.05	18.83	18.83	-16.55	16.33	16.33	Pass
	CC1:782 CC2:1765	LTE: 1RB_Left NR: Edge_1RB_Left	-14.12	18.90	18.90	-16.62	16.40	16.40	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.22	18.93	18.93	-16.72	16.43	16.43	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.94	19.07	19.07	-16.44	16.57	16.57	Pass
		LTE: 1RB_Left	-14.17	19.06	19.06	-16.67	16.56	16.56	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

		NR: Inner_Full							
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.11	18.91	18.91	-16.61	16.41	16.41	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.17	18.94	18.94	-16.67	16.44	16.44	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	CC1:782 CC2:1725	LTE: 1RB_Left NR: Edge_1RB_Left	-13.71	16.42	16.42	-16.21	13.92	13.92	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.46	16.55	16.55	-15.96	14.05	14.05	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.69	16.82	16.82	-16.19	14.32	14.32	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.68	16.87	16.87	-16.18	14.37	14.37	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.74	16.45	16.45	-16.24	13.95	13.95	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.72	16.57	16.57	-16.22	14.07	14.07	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-13.87	16.66	16.66	-16.37	14.16	14.16	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.01	16.63	16.63	-16.51	14.13	14.13	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.82	16.98	16.98	-16.32	14.48	14.48	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.85	17.00	17.00	-16.35	14.50	14.50	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.01	16.70	16.70	-16.51	14.20	14.20	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.99	16.64	16.64	-16.49	14.14	14.14	Pass
	CC1:782 CC2:1765	LTE: 1RB_Left NR: Edge_1RB_Left	-14.15	16.78	16.78	-16.65	14.28	14.28	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.20	16.59	16.59	-16.70	14.09	14.09	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.26	17.06	17.06	-16.76	14.56	14.56	Pass
		LTE: 1RB_Left	-14.09	17.02	17.02	-16.59	14.52	14.52	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

		NR: Inner_Full							
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.77	16.79	16.79	-16.27	14.29	14.29	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.04	16.70	16.70	-16.54	14.20	14.20	Pass
LTE: QPSK NR: CP-OFDM QPSK	CC1:782 CC2:1725	LTE: 1RB_Left NR: Edge_1RB_Left	-13.72	19.65	19.65	-16.22	17.15	17.15	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.53	19.79	19.79	-16.03	17.29	17.29	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.62	19.69	19.69	-16.12	17.19	17.19	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.65	19.80	19.80	-16.15	17.30	17.30	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.79	19.91	19.91	-16.29	17.41	17.41	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.70	20.12	20.12	-16.20	17.62	17.62	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-13.98	19.80	19.80	-16.48	17.30	17.30	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.79	19.75	19.75	-16.29	17.25	17.25	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.91	19.71	19.71	-16.41	17.21	17.21	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.89	19.94	19.94	-16.39	17.44	17.44	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.89	20.14	20.14	-16.39	17.64	17.64	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.97	20.19	20.19	-16.47	17.69	17.69	Pass
	CC1:782 CC2:1765	LTE: 1RB_Left NR: Edge_1RB_Left	-14.12	19.92	19.92	-16.62	17.42	17.42	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.01	19.82	19.82	-16.51	17.32	17.32	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.11	19.72	19.72	-16.61	17.22	17.22	Pass
		LTE: 1RB_Left	-14.10	20.02	20.02	-16.60	17.52	17.52	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

		NR: Inner_Full							
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.96	20.25	20.25	-16.46	17.75	17.75	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.93	20.14	20.14	-16.43	17.64	17.64	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	CC1:782 CC2:1725	LTE: 1RB_Left NR: Edge_1RB_Left	-13.66	19.21	19.21	-16.16	16.71	16.71	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.64	19.52	19.52	-16.14	17.02	17.02	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.62	19.21	19.21	-16.12	16.71	16.71	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.33	19.37	19.37	-15.83	16.87	16.87	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.66	19.31	19.31	-16.16	16.81	16.81	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.67	19.58	19.58	-16.17	17.08	17.08	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.07	19.49	19.49	-16.57	16.99	16.99	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.04	19.42	19.42	-16.54	16.92	16.92	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.98	19.38	19.38	-16.48	16.88	16.88	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.97	19.44	19.44	-16.47	16.94	16.94	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.00	19.68	19.68	-16.50	17.18	17.18	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.97	19.54	19.54	-16.47	17.04	17.04	Pass
	CC1:782 CC2:1765	LTE: 1RB_Left NR: Edge_1RB_Left	-14.20	19.44	19.44	-16.70	16.94	16.94	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.13	19.59	19.59	-16.63	17.09	17.09	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.25	19.40	19.40	-16.75	16.90	16.90	Pass
		LTE: 1RB_Left	-13.89	19.43	19.43	-16.39	16.93	16.93	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

		NR: Inner_Full							
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.19	19.62	19.62	-16.69	17.12	17.12	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.11	19.50	19.50	-16.61	17.00	17.00	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	CC1:782 CC2:1725	LTE: 1RB_Left NR: Edge_1RB_Left	-13.85	17.75	17.75	-16.35	15.25	15.25	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.73	17.92	17.92	-16.23	15.42	15.42	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.67	17.88	17.88	-16.17	15.38	15.38	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.54	17.97	17.97	-16.04	15.47	15.47	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.63	17.78	17.78	-16.13	15.28	15.28	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.64	18.05	18.05	-16.14	15.55	15.55	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-13.49	17.96	17.96	-15.99	15.46	15.46	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.98	17.83	17.83	-16.48	15.33	15.33	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.00	18.10	18.10	-16.50	15.60	15.60	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.86	18.07	18.07	-16.36	15.57	15.57	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.78	17.95	17.95	-16.28	15.45	15.45	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.94	17.84	17.84	-16.44	15.34	15.34	Pass
	CC1:782 CC2:1765	LTE: 1RB_Left NR: Edge_1RB_Left	-14.27	17.97	17.97	-16.77	15.47	15.47	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.83	17.90	17.90	-16.33	15.40	15.40	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.20	18.08	18.08	-16.70	15.58	15.58	Pass
		LTE: 1RB_Left	-14.08	18.11	18.11	-16.58	15.61	15.61	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

		NR: Inner_Full							
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.16	17.86	17.86	-16.66	15.36	15.36	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.10	17.93	17.93	-16.60	15.43	15.43	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	CC1:782 CC2:1725	LTE: 1RB_Left NR: Edge_1RB_Left	-13.56	16.09	16.10	-16.06	13.59	13.60	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.61	16.20	16.20	-16.11	13.70	13.70	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.61	16.51	16.51	-16.11	14.01	14.01	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.70	16.51	16.51	-16.20	14.01	14.01	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.66	16.11	16.11	-16.16	13.61	13.61	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.79	16.20	16.20	-16.29	13.70	13.70	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-13.82	16.24	16.24	-16.32	13.74	13.74	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.86	16.14	16.14	-16.36	13.64	13.64	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.04	16.60	16.60	-16.54	14.10	14.10	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.98	16.58	16.58	-16.48	14.08	14.08	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.93	16.25	16.25	-16.43	13.75	13.75	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.02	16.25	16.25	-16.52	13.75	13.75	Pass
	CC1:782 CC2:1765	LTE: 1RB_Left NR: Edge_1RB_Left	-14.20	16.37	16.37	-16.70	13.87	13.87	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.93	16.38	16.38	-16.43	13.88	13.88	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.17	16.65	16.65	-16.67	14.15	14.15	Pass
		LTE: 1RB_Left	-14.18	16.55	16.55	-16.68	14.05	14.05	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

		NR: Inner_Full							
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.95	16.38	16.38	-16.45	13.88	13.88	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.02	16.29	16.29	-16.52	13.79	13.79	Pass

Note1: Antenna Gain: AntLTE 1: -2.50dBi; AntNR 1: -2.50dBi;
Note2: ERP=Conducted Power+Antenna Gain-2.15

5G NR DC_13A_n66A SCS=15kHz SISO 40MHz NTV CC1:13 CC2:n66									
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)			Verdict
			LTE	NR	Sum	LTE	NR	Sum	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	CC1:782 CC2:1730	LTE: 1RB_Left NR: Edge_1RB_Left	-13.70	20.74	20.74	-16.20	18.24	18.24	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.71	20.93	20.93	-16.21	18.43	18.43	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.83	20.87	20.87	-16.33	18.37	18.37	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.54	21.45	21.45	-16.04	18.95	18.95	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.63	21.11	21.11	-16.13	18.61	18.61	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.59	21.41	21.41	-16.09	18.91	18.91	Pass
		LTE: 1RB_Left NR: Edge_1RB_Left	-13.97	20.78	20.78	-16.47	18.28	18.28	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Right	-13.97	20.76	20.76	-16.47	18.26	18.26	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.03	20.98	20.98	-16.53	18.48	18.48	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.06	21.53	21.53	-16.56	19.03	19.03	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.10	21.36	21.36	-16.60	18.86	18.86	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.16	21.31	21.31	-16.66	18.81	18.81	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

	CC1:782 CC2:1760	LTE: 1RB_Left NR: Edge_1RB_Left	-14.19	20.71	20.71	-16.69	18.21	18.21	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.01	20.92	20.92	-16.51	18.42	18.42	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.23	20.92	20.92	-16.73	18.42	18.42	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.21	21.48	21.48	-16.71	18.98	18.98	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.08	21.24	21.24	-16.58	18.74	18.74	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.24	21.48	21.48	-16.74	18.98	18.98	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	CC1:782 CC2:1730	LTE: 1RB_Left NR: Edge_1RB_Left	-13.85	20.18	20.18	-16.35	17.68	17.68	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.61	20.29	20.29	-16.11	17.79	17.79	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.52	20.36	20.36	-16.02	17.86	17.86	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.71	21.37	21.37	-16.21	18.87	18.87	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.64	21.13	21.13	-16.14	18.63	18.63	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.67	21.31	21.31	-16.17	18.81	18.81	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-13.89	20.24	20.24	-16.39	17.74	17.74	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.04	20.35	20.35	-16.54	17.85	17.85	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.89	20.50	20.50	-16.39	18.00	18.00	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.80	21.46	21.46	-16.30	18.96	18.96	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.97	21.19	21.19	-16.47	18.69	18.69	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.97	21.35	21.35	-16.47	18.85	18.85	Pass



	CC1:782 CC2:1760	LTE: 1RB_Left NR: Edge_1RB_Left	-14.21	20.33	20.33	-16.71	17.83	17.83	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.24	20.36	20.36	-16.74	17.86	17.86	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.19	20.51	20.51	-16.69	18.01	18.01	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.16	21.41	21.41	-16.66	18.91	18.91	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.20	21.27	21.27	-16.70	18.77	18.77	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.11	21.35	21.35	-16.61	18.85	18.85	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	CC1:782 CC2:1730	LTE: 1RB_Left NR: Edge_1RB_Left	-13.63	19.32	19.32	-16.13	16.82	16.82	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.69	19.60	19.60	-16.19	17.10	17.10	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.76	19.32	19.32	-16.26	16.82	16.82	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.58	20.38	20.38	-16.08	17.88	17.88	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.55	20.30	20.30	-16.05	17.80	17.80	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.76	20.41	20.41	-16.26	17.91	17.91	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-13.80	19.40	19.40	-16.30	16.90	16.90	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.01	19.48	19.48	-16.51	16.98	16.98	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.87	19.48	19.48	-16.37	16.98	16.98	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.84	20.43	20.43	-16.34	17.93	17.93	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.93	20.35	20.35	-16.43	17.85	17.85	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.94	20.46	20.46	-16.44	17.96	17.96	Pass



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VERITAS

Test Report No.: PSU-NQN2504150110RF05

	CC1:782 CC2:1760	LTE: 1RB_Left NR: Edge_1RB_Left	-14.16	19.52	19.52	-16.66	17.02	17.02	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.96	19.49	19.49	-16.46	16.99	16.99	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.12	19.46	19.46	-16.62	16.96	16.96	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.06	20.29	20.29	-16.56	17.79	17.79	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.15	20.42	20.42	-16.65	17.92	17.92	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.73	20.47	20.47	-16.23	17.97	17.97	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	CC1:782 CC2:1730	LTE: 1RB_Left NR: Edge_1RB_Left	-13.62	18.65	18.65	-16.12	16.15	16.15	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.70	18.82	18.82	-16.20	16.32	16.32	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.64	18.91	18.91	-16.14	16.41	16.41	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.74	18.90	18.90	-16.24	16.40	16.40	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.68	18.65	18.65	-16.18	16.15	16.15	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.69	18.83	18.83	-16.19	16.33	16.33	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.02	18.74	18.74	-16.52	16.24	16.24	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.81	18.82	18.82	-16.31	16.32	16.32	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.95	19.03	19.03	-16.45	16.53	16.53	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.95	19.00	19.00	-16.45	16.50	16.50	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.07	18.78	18.78	-16.57	16.28	16.28	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.03	18.85	18.85	-16.53	16.35	16.35	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

	CC1:782 CC2:1760	LTE: 1RB_Left NR: Edge_1RB_Left	-14.07	18.78	18.78	-16.57	16.28	16.28	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.92	18.81	18.81	-16.42	16.31	16.31	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.75	18.90	18.90	-16.25	16.40	16.40	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.05	18.98	18.98	-16.55	16.48	16.48	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.18	18.80	18.80	-16.68	16.30	16.30	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.09	18.82	18.82	-16.59	16.32	16.32	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	CC1:782 CC2:1730	LTE: 1RB_Left NR: Edge_1RB_Left	-13.58	16.38	16.38	-16.08	13.88	13.88	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.66	16.54	16.54	-16.16	14.04	14.04	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.44	16.92	16.92	-15.94	14.42	14.42	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.67	16.93	16.93	-16.17	14.43	14.43	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.65	16.40	16.40	-16.15	13.90	13.90	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.68	16.47	16.47	-16.18	13.97	13.97	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.04	16.44	16.44	-16.54	13.94	13.94	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.94	16.45	16.45	-16.44	13.95	13.95	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.93	16.98	16.98	-16.43	14.48	14.48	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.91	17.05	17.05	-16.41	14.55	14.55	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.80	16.38	16.38	-16.30	13.88	13.88	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.94	16.51	16.51	-16.44	14.01	14.01	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

	CC1:782 CC2:1760	LTE: 1RB_Left NR: Edge_1RB_Left	-14.15	16.50	16.50	-16.65	14.00	14.00	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.05	16.46	16.46	-16.55	13.96	13.96	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.16	17.00	17.00	-16.66	14.50	14.50	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.27	16.95	16.95	-16.77	14.45	14.45	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.24	16.45	16.45	-16.74	13.95	13.95	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.19	16.53	16.53	-16.69	14.03	14.03	Pass
LTE: QPSK NR: CP-OFDM QPSK	CC1:782 CC2:1730	LTE: 1RB_Left NR: Edge_1RB_Left	-13.77	19.57	19.57	-16.27	17.07	17.07	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.70	19.82	19.82	-16.20	17.32	17.32	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.79	19.66	19.66	-16.29	17.16	17.16	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.72	19.90	19.90	-16.22	17.40	17.40	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.64	19.81	19.81	-16.14	17.31	17.31	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.67	20.00	20.00	-16.17	17.50	17.50	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-13.98	19.59	19.59	-16.48	17.09	17.09	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.90	19.66	19.66	-16.40	17.16	17.16	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.98	19.70	19.70	-16.48	17.20	17.20	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.99	19.95	19.95	-16.49	17.45	17.45	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.04	19.98	19.98	-16.54	17.48	17.48	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.94	20.08	20.08	-16.44	17.58	17.58	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

	CC1:782 CC2:1760	LTE: 1RB_Left NR: Edge_1RB_Left	-14.24	19.75	19.75	-16.74	17.25	17.25	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.19	19.73	19.73	-16.69	17.23	17.23	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.17	19.71	19.71	-16.67	17.21	17.21	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.18	19.86	19.86	-16.68	17.36	17.36	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.19	20.04	20.04	-16.69	17.54	17.54	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.31	20.07	20.07	-16.81	17.57	17.57	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	CC1:782 CC2:1730	LTE: 1RB_Left NR: Edge_1RB_Left	-13.66	19.15	19.15	-16.16	16.65	16.65	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.74	19.31	19.31	-16.24	16.81	16.81	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.61	19.28	19.28	-16.11	16.78	16.78	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.69	19.38	19.38	-16.19	16.88	16.88	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.67	19.29	19.29	-16.17	16.79	16.79	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.67	19.49	19.49	-16.17	16.99	16.99	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-13.64	19.21	19.21	-16.14	16.71	16.71	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.98	19.42	19.42	-16.48	16.92	16.92	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.06	19.36	19.36	-16.56	16.86	16.86	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.14	19.52	19.52	-16.64	17.02	17.02	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.04	19.38	19.38	-16.54	16.88	16.88	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.01	19.53	19.53	-16.51	17.03	17.03	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

	CC1:782 CC2:1760	LTE: 1RB_Left NR: Edge_1RB_Left	-14.08	19.42	19.42	-16.58	16.92	16.92	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.23	19.37	19.37	-16.73	16.87	16.87	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.26	19.29	19.29	-16.76	16.79	16.79	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.82	19.39	19.39	-16.32	16.89	16.89	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.92	19.51	19.51	-16.42	17.01	17.01	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.99	19.39	19.39	-16.49	16.89	16.89	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	CC1:782 CC2:1730	LTE: 1RB_Left NR: Edge_1RB_Left	-13.69	17.63	17.63	-16.19	15.13	15.13	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.51	17.77	17.77	-16.01	15.27	15.27	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.71	17.91	17.91	-16.21	15.41	15.41	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.54	17.98	17.98	-16.04	15.48	15.48	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.68	17.66	17.66	-16.18	15.16	15.16	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.64	17.76	17.76	-16.14	15.26	15.26	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-13.86	17.65	17.65	-16.36	15.15	15.15	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.94	17.83	17.83	-16.44	15.33	15.33	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.97	18.07	18.07	-16.47	15.57	15.57	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.06	18.08	18.08	-16.56	15.58	15.58	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.78	17.70	17.70	-16.28	15.20	15.20	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.97	17.86	17.86	-16.47	15.36	15.36	Pass



BUREAU VERITAS

Test Report No.: PSU-NQN2504150110RF05

	CC1:782 CC2:1760	LTE: 1RB_Left NR: Edge_1RB_Left	-13.86	17.81	17.81	-16.36	15.31	15.31	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-14.22	17.80	17.80	-16.72	15.30	15.30	Pass
		LTE: 1RB_Left NR: Outer_Full	-14.26	18.05	18.05	-16.76	15.55	15.55	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.26	18.03	18.03	-16.76	15.53	15.53	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-14.18	17.82	17.82	-16.68	15.32	15.32	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.09	17.87	17.87	-16.59	15.37	15.37	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	CC1:782 CC2:1730	LTE: 1RB_Left NR: Edge_1RB_Left	-13.58	15.94	15.95	-16.08	13.44	13.45	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.66	16.11	16.11	-16.16	13.61	13.61	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.64	16.52	16.52	-16.14	14.02	14.02	Pass
		LTE: 1RB_Left NR: Inner_Full	-13.68	16.52	16.52	-16.18	14.02	14.02	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.63	15.95	15.96	-16.13	13.45	13.46	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-13.74	16.19	16.19	-16.24	13.69	13.69	Pass
	CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	-14.02	16.10	16.10	-16.52	13.60	13.60	Pass
		LTE: 1RB_Left NR: Edge_1RB_Right	-13.97	16.08	16.08	-16.47	13.58	13.58	Pass
		LTE: 1RB_Left NR: Outer_Full	-13.95	16.62	16.62	-16.45	14.12	14.12	Pass
		LTE: 1RB_Left NR: Inner_Full	-14.06	16.58	16.58	-16.56	14.08	14.08	Pass
		LTE: 1RB_Left NR: Inner_1RB_Left	-13.96	16.16	16.16	-16.46	13.66	13.66	Pass
		LTE: 1RB_Left NR: Inner_1RB_Right	-14.09	16.12	16.12	-16.59	13.62	13.62	Pass



CC1:782 CC2:1760	LTE: 1RB_Left NR: Edge_1RB_Left	-14.08	16.09	16.09	-16.58	13.59	13.59	Pass
	LTE: 1RB_Left NR: Edge_1RB_Right	-14.21	16.21	16.21	-16.71	13.71	13.71	Pass
	LTE: 1RB_Left NR: Outer_Full	-14.11	16.62	16.62	-16.61	14.12	14.12	Pass
	LTE: 1RB_Left NR: Inner_Full	-14.12	16.56	16.56	-16.62	14.06	14.06	Pass
	LTE: 1RB_Left NR: Inner_1RB_Left	-14.19	16.09	16.09	-16.69	13.59	13.59	Pass
	LTE: 1RB_Left NR: Inner_1RB_Right	-14.17	16.26	16.26	-16.67	13.76	13.76	Pass
<p>Note1: Antenna Gain: AntLTE 1: -2.50dBi; AntNR 1: -2.50dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15</p>								

3.2 FREQUENCY STABILITY MEASUREMENT

3.2.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT

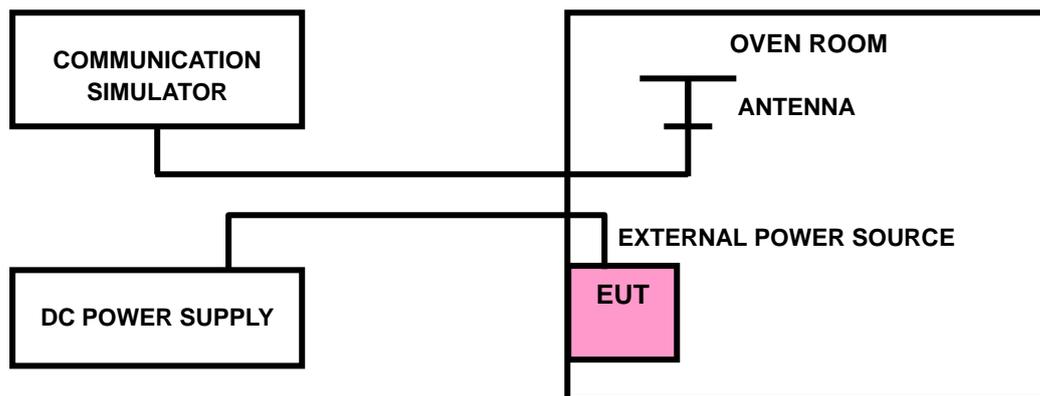
The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

3.2.2 TEST PROCEDURE

- a. Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.
- b. EUT is connected the external power supply to control the DC input power. The test voltage range is from minimum to maximum working voltage. Each step shall be record the frequency error rate.
- c. The temperature range step is 10 degrees in this test items. All temperature levels shall be hold the $\pm 0.5^{\circ}\text{C}$ during the measurement testing. The each temperature step shall be at least 0.5 hours, consider the EUT could be test under the stability condition.

NOTE: The frequency error was recorded frequency error from the communication simulator.

3.2.3 TEST SETUP



3.2.4 TEST RESULTS

Please Refer to Appendix Of this test report.

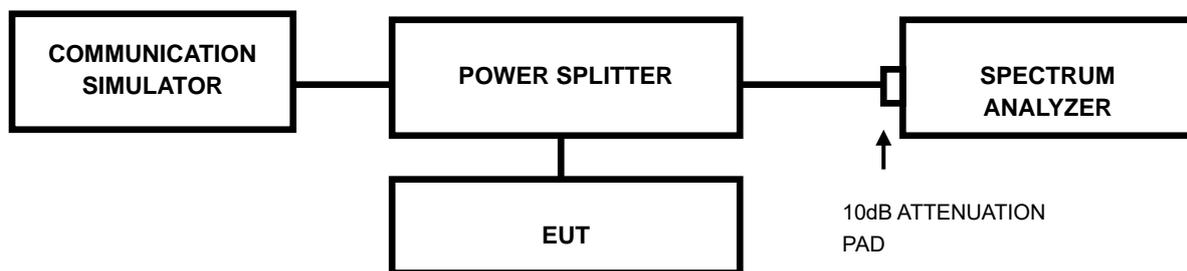


3.3 OCCUPIED BANDWIDTH MEASUREMENT

3.3.1 LIMITS OF OCCUPIED BANDWIDTH MEASUREMENT

The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5 % of the total mean power of a given emission.

3.3.2 TEST SETUP



3.3.3 TEST PROCEDURES

- The conducted occupied bandwidth used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
- Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth.

3.3.4 TEST RESULTS

Please Refer to Appendix Of this test report.

3.4 BAND EDGE MEASUREMENT

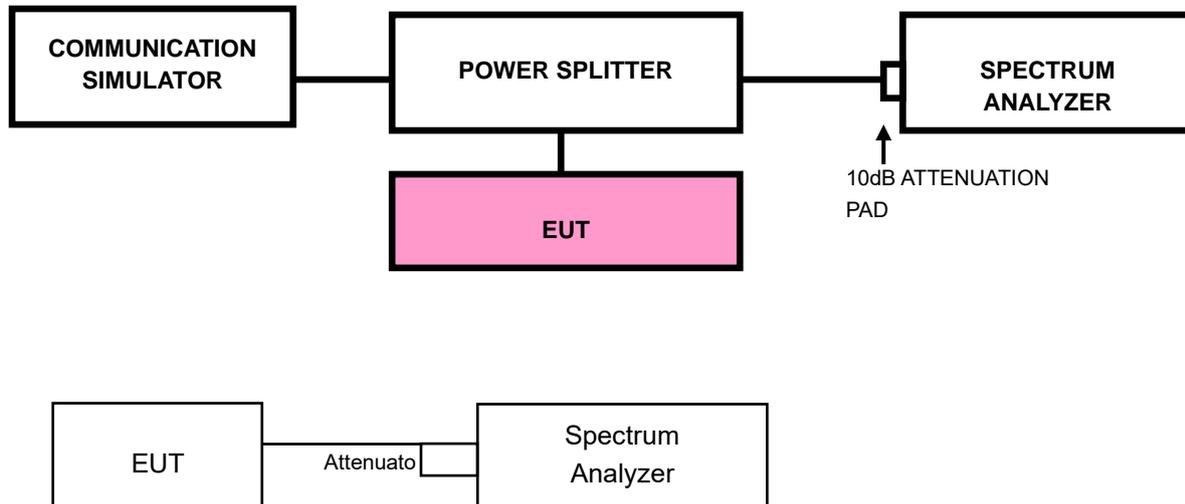
3.4.1 LIMITS OF BAND EDGE MEASUREMENT

Power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. In the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.(n2/n5/n25/n66)

According to FCC 27.53(m)(4) specified that For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log(P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log(P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log(P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that $43 + 10 \log(P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log(P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees. For mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed.

According to FCC 27.53(n)(2) specified that For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (n)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

3.4.2 TEST SETUP



3.4.3 TEST PROCEDURES

- a) Connect the transmitter to the spectrum analyzer via coaxial cable while ensuring proper impedance matching.
- b) Tune the analyzer to the nominal center frequency of the emission bandwidth (EBW).
- c) Set the resolution bandwidth (RBW) $\geq 1\%$ EBW in the 1MHz band immediately outside and adjacent to the band edge.
- d) Beyond the 1MHz band from the band edge, RBW=1MHz was used.
- e) Set the video bandwidth (VBW) to $\geq 3 \times$ RBW.
- f) Select the average power (RMS) display detector.
- g) Set the number of measurement points to ≥ 1001 .
- h) Use auto-coupled sweep time.
- i) Perform the measurement over an interval of time when the transmission is continuous and at its maximum power level.
- j) The RF fundamental frequency should be excluded against the limit line in the operating frequency band and use RBW is 10KHz or 100KHz.
- k) Record the max trace plot into the test report.

3.4.4 TEST RESULTS

Please Refer to Appendix Of this test report.

3.5 CONDUCTED SPURIOUS EMISSIONS

3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission is equal to -13dBm.

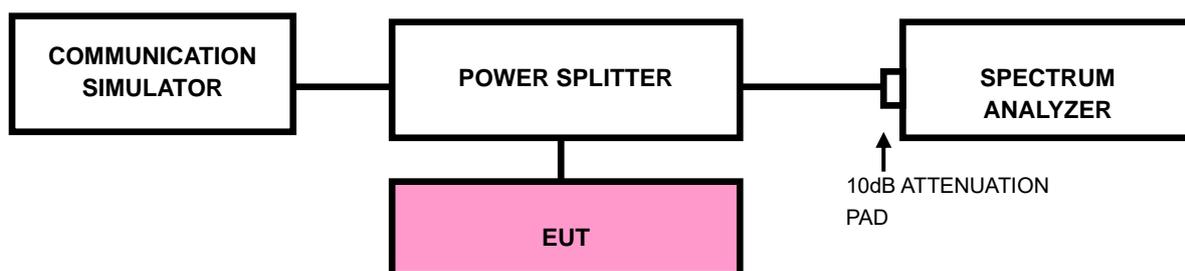
For 5G NR n41:

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $55 + 10 \log_{10}(P)$ dB. The limit of emission is equal to -25dBm.

3.5.2 TEST PROCEDURE

- a. The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high operational frequency range.
- b. Measuring frequency range is from 9kHz up to a frequency including its 10th harmonic. 10dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz is used for conducted emission measurement.

3.5.3 TEST SETUP



3.5.4 TEST RESULTS

NOTE : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

Please Refer to Appendix Of this test report.

3.6 RADIATED EMISSION MEASUREMENT

3.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission is equal to -13dBm.

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $55 + 10 \log_{10}(P)$ dB. The limit of emission is equal to -25dBm.

3.6.2 TEST PROCEDURES

- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value " of step a. Record the power level of S.G.
- c. EIRP = Output power level of S.G – TX cable loss + Antenna gain of substitution horn.
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, $E.R.P \text{ power} = E.I.P.R \text{ power} - 2.15\text{dBi}$.

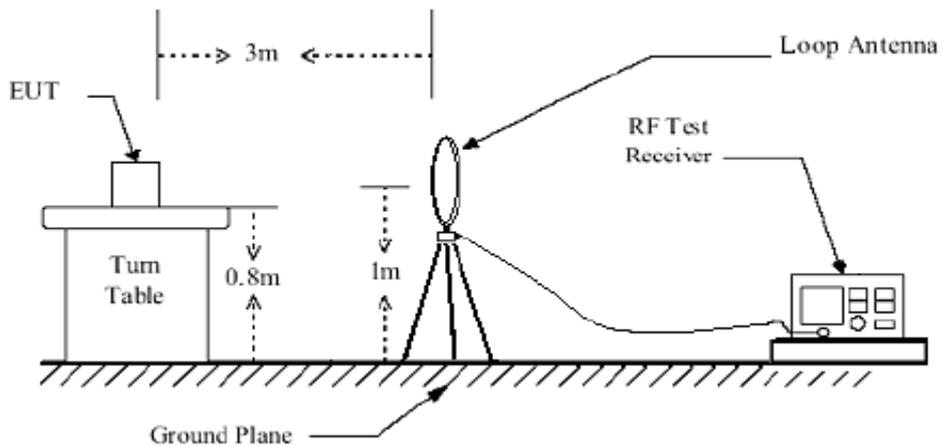
NOTE: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

3.6.3 DEVIATION FROM TEST STANDARD

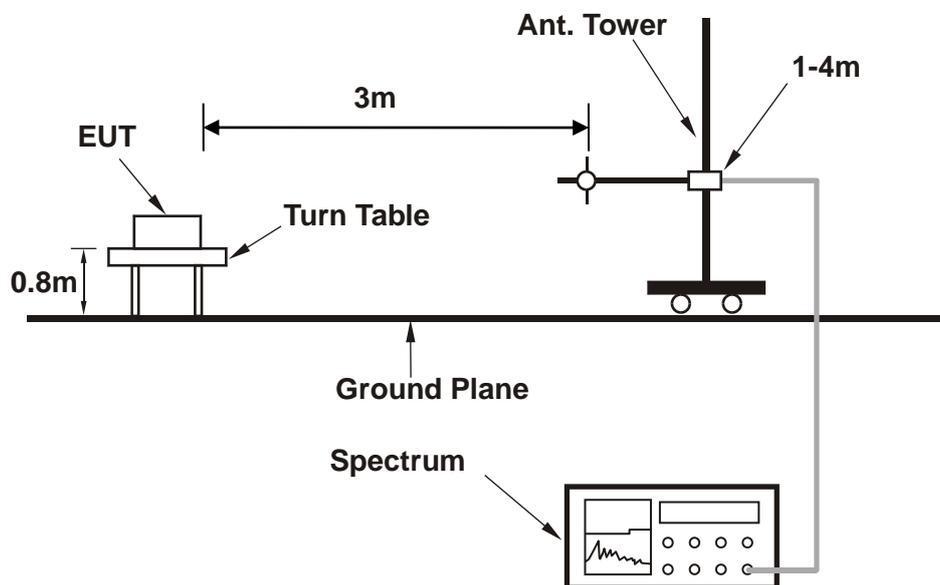
No deviation

3.6.4 TEST SETUP

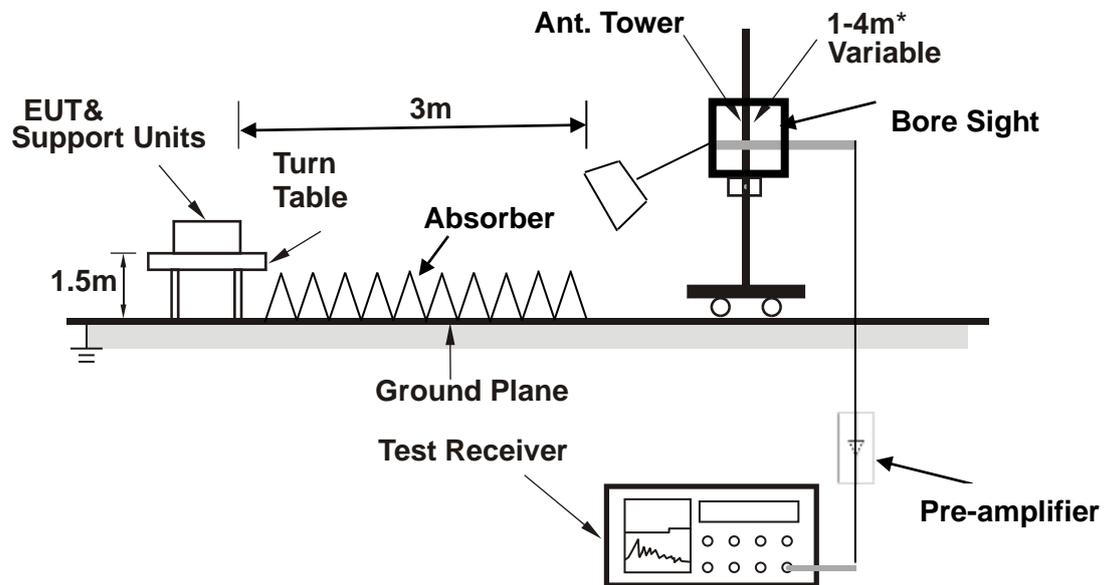
< Frequency Range below 30MHz >



< Frequency Range 30MHz~1GHz >



<Frequency Range above 1GHz>



Note: Above 1G is a directional antenna depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

For the actual test configuration, please refer to the attached file (Test Setup Photo).



3.6.5 TEST RESULTS

NOTE1 : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

NOTE2 : The measurement range is 30M to the tenth harmonic of the highest fundamental frequency, For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report

NSA 66A_n5A

Channel: 167300

Frequency: 836.5MHz

ANT3 Test result:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1162.40	-80.71	-13.00	Vertical
1340.20	-79.86	-13.00	Vertical
1530.60	-77.22	-13.00	Vertical
3078.00	-83.04	-13.00	Vertical
4377.00	-89.05	-13.00	Vertical
4686.00	-87.52	-13.00	Vertical

NSA 66A_n41A

Channel: 518598

Frequency: 2592.99MHz

ANT3 Test result:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1067.20	-82.92	-25.00	Vertical
1182.00	-80.60	-25.00	Vertical
1480.20	-77.01	-25.00	Vertical
3072.00	-83.10	-25.00	Vertical
4578.00	-88.13	-25.00	Vertical
5088.00	-86.66	-25.00	Vertical



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Test Report No.: PSU-NQN2504150110RF05

NSA 13A_n66A

Channel: 349000

Frequency: 1745MHz

ANT2 Test result:

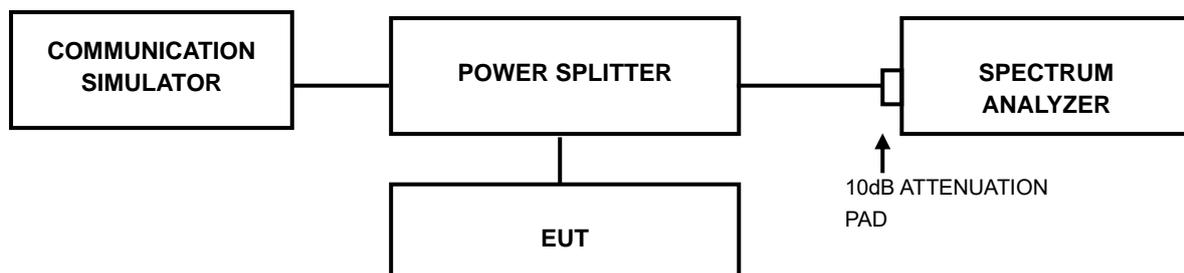
Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1404.60	-79.08	-13.00	Vertical
1665.00	-80.35	-13.00	Vertical
2387.40	-78.57	-13.00	Vertical
4275.00	-89.07	-13.00	Vertical
4641.00	-87.78	-13.00	Vertical
5241.00	-85.69	-13.00	Vertical

3.7 PEAK TO AVERAGE RATIO

3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

3.7.2 TEST SETUP



3.7.3 TEST PROCEDURES

1. Set resolution/measurement bandwidth \geq signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.

3.7.4 TEST RESULTS

Please Refer to Appendix Of this test report.



Test Report No.: PSU-NQN2504150110RF05

4 INFORMATION ON THE TESTING LABORATORIES

We, Huarui 7layers High Technology (Suzhou) Co., Ltd. ,were founded in 2020 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

Huarui 7Layers High Technology (Suzhou) Co., Ltd.

Lab Address:

Tower N, Innovation Center, 88 Zuyi Road, High-tech District, Suzhou City, Anhui Province

Accredited Test Lab Cert 6613.01

If you have any comments, please feel free to contact us at the following:

Suzhou EMC/RF Lab:

Tel: +86 (0557) 368 1008

5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.



6 APPENDIX

DC_66A_n5A

1. Frequency Stability

1.1 Test Result

1.1.1 15k_SISO_5MHz

5G NR DC_66A_n5A SCS=15kHz SISO 5MHz CC1:66 CC2:n5									
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
							Result	Limit	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
					HV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass
				-30	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
				-20	NV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
				-10	NV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
				0	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass
				10	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
				20	NV	-2.60	-0.0031	>=-2.5 & <=2.5	Pass
				30	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
				40	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass
					HV	0.80	0.0010	>=-2.5 & <=2.5	Pass
				-30	NV	-2.50	-0.0030	>=-2.5 & <=2.5	Pass
				-20	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
				-10	NV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
				0	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
				10	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
				20	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
				30	NV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass
				40	NV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass



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VERITAS

Test Report No.: PSU-NQN2504150110RF05

				50	NV	-4.10	-0.0049	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-4.80	-0.0057	≥ -2.5 & ≤ 2.5	Pass
					HV	-2.30	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-6.30	-0.0075	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-3.80	-0.0045	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-2.50	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-3.00	-0.0036	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-4.20	-0.0050	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-3.40	-0.0041	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-7.10	-0.0085	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-3.10	-0.0037	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-3.70	-0.0044	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-5.00	-0.0060	≥ -2.5 & ≤ 2.5	Pass
					HV	-6.30	-0.0075	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-5.80	-0.0069	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-4.90	-0.0059	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-5.40	-0.0065	≥ -2.5 & ≤ 2.5	Pass
				0	NV	2.20	0.0026	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-5.50	-0.0066	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-6.10	-0.0073	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-6.70	-0.0080	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-6.20	-0.0074	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-6.10	-0.0073	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-7.30	-0.0087	≥ -2.5 & ≤ 2.5	Pass
					HV	-3.50	-0.0042	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-3.30	-0.0039	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-1.10	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-6.20	-0.0074	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-3.60	-0.0043	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-4.70	-0.0056	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-3.20	-0.0038	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-7.90	-0.0094	≥ -2.5 & ≤ 2.5	Pass



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Test Report No.: PSU-NQN2504150110RF05

LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	40	NV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass
				50	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
				20	LV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
					HV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
				-30	NV	1.40	0.0017	>=-2.5 & <=2.5	Pass
				-20	NV	-2.30	-0.0027	>=-2.5 & <=2.5	Pass
				-10	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
				0	NV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass
				10	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
				20	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass
				30	NV	-7.30	-0.0087	>=-2.5 & <=2.5	Pass
				40	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
50	NV	-1.60	-0.0019	>=-2.5 & <=2.5	Pass				
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
					HV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
				-30	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
				-20	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
				-10	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
				0	NV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
				10	NV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass
				20	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
				30	NV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
				40	NV	-7.50	-0.0090	>=-2.5 & <=2.5	Pass
50	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass				
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-1.60	-0.0019	>=-2.5 & <=2.5	Pass
					HV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
				-30	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
				-20	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass
				-10	NV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
				0	NV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
				10	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
				20	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	30	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
				40	NV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
				50	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
				20	LV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
					HV	-1.60	-0.0019	>=-2.5 & <=2.5	Pass
				-30	NV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
				-20	NV	-1.20	-0.0014	>=-2.5 & <=2.5	Pass
				-10	NV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass
				0	NV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass
				10	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
				20	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
				30	NV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
				40	NV	-6.30	-0.0075	>=-2.5 & <=2.5	Pass
				50	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass

1.1.2 15k_SISO_10MHz

5G NR DC_66A_n5A SCS=15kHz SISO 10MHz CC1:66 CC2:n5									
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
							Result	Limit	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-9.10	-0.0109	>=-2.5 & <=2.5	Pass
					HV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
				-30	NV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
				-20	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
				-10	NV	-7.80	-0.0093	>=-2.5 & <=2.5	Pass
				0	NV	-8.80	-0.0105	>=-2.5 & <=2.5	Pass
				10	NV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass
				20	NV	-8.40	-0.0100	>=-2.5 & <=2.5	Pass
				30	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
				40	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
50	NV	-3.60	-0.0043	>=-2.5 & <=2.5	Pass				
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
					HV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass



BUREAU VERITAS

Test Report No.: PSU-NQN2504150110RF05

									<=2.5					
				-30	NV	-5.50	-0.0066		>=-2.5 & <=2.5	Pass				
				-20	NV	-3.50	-0.0042		>=-2.5 & <=2.5	Pass				
				-10	NV	-7.00	-0.0084		>=-2.5 & <=2.5	Pass				
				0	NV	-7.90	-0.0094		>=-2.5 & <=2.5	Pass				
				10	NV	-7.50	-0.0090		>=-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	-7.10	-0.0085		>=-2.5 & <=2.5	Pass				
				50	NV	-5.20	-0.0062		>=-2.5 & <=2.5	Pass				
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-7.70	-0.0092		>=-2.5 & <=2.5	Pass				
					HV	-6.80	-0.0081		>=-2.5 & <=2.5	Pass				
								-30	NV	-4.20	-0.0050		>=-2.5 & <=2.5	Pass
								-20	NV	-3.00	-0.0036		>=-2.5 & <=2.5	Pass
								-10	NV	-6.80	-0.0081		>=-2.5 & <=2.5	Pass
								0	NV	-6.10	-0.0073		>=-2.5 & <=2.5	Pass
								10	NV	-7.60	-0.0091		>=-2.5 & <=2.5	Pass
								20	NV	-6.00	-0.0072		>=-2.5 & <=2.5	Pass
								30	NV	-6.40	-0.0077		>=-2.5 & <=2.5	Pass
								40	NV	-3.50	-0.0042		>=-2.5 & <=2.5	Pass
				50	NV	-6.40	-0.0077		>=-2.5 & <=2.5	Pass				
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.70	-0.0080		>=-2.5 & <=2.5	Pass				
					HV	-5.50	-0.0066		>=-2.5 & <=2.5	Pass				
								-30	NV	-5.30	-0.0063		>=-2.5 & <=2.5	Pass
								-20	NV	-5.40	-0.0065		>=-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	-4.30	-0.0051		>=-2.5 & <=2.5	Pass
								20	NV	-6.60	-0.0079		>=-2.5 & <=2.5	Pass
								30	NV	-5.20	-0.0062		>=-2.5 & <=2.5	Pass
								40	NV	-4.20	-0.0050		>=-2.5 & <=2.5	Pass
				50	NV	-4.80	-0.0057		>=-2.5 & <=2.5	Pass				
LTE: QPSK	/	CC1:1745	LTE: 1RB_Left	20	LV	-1.80	-0.0022		>=-2.5 &	Pass				



BUREAU VERITAS

Test Report No.: PSU-NQN2504150110RF05

NR: DFT-s-OFDM 256 QAM		CC2:836.5	NR: Outer_Full					<=2.5	
					HV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass
				-30	NV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass
				-20	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
				-10	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
				0	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
				10	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
				20	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
				30	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
				40	NV	2.00	0.0024	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
					HV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
				-30	NV	-7.50	-0.0090	>=-2.5 & <=2.5	Pass
				-20	NV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass
				-10	NV	-1.50	-0.0018	>=-2.5 & <=2.5	Pass
				0	NV	-7.30	-0.0087	>=-2.5 & <=2.5	Pass
				10	NV	-10.10	-0.0121	>=-2.5 & <=2.5	Pass
				20	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
				30	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
				40	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass
					HV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
				-30	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
				-20	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
				-10	NV	-1.40	-0.0017	>=-2.5 & <=2.5	Pass
				0	NV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
				10	NV	-3.60	-0.0043	>=-2.5 & <=2.5	Pass
				20	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
				30	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
				40	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass
	50	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass			



								<=2.5	
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
					HV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
				-30	NV	-3.60	-0.0043	>=-2.5 & <=2.5	Pass
				-20	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
				-10	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
				0	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
				10	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
				20	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass
				30	NV	-6.30	-0.0075	>=-2.5 & <=2.5	Pass
				40	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
50	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass				
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass
					HV	-0.80	-0.0010	>=-2.5 & <=2.5	Pass
				-30	NV	-1.30	-0.0016	>=-2.5 & <=2.5	Pass
				-20	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
				-10	NV	-8.30	-0.0099	>=-2.5 & <=2.5	Pass
				0	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
				10	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
				20	NV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
				30	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
				40	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
50	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass				

1.1.3 15k_SISO_15MHz

5G NR DC_66A_n5A SCS=15kHz SISO 15MHz CC1:66 CC2:n5									
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
							Result	Limit	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-12.10	-0.0145	>=-2.5 & <=2.5	Pass
					HV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass
				-30	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
				-20	NV	-9.90	-0.0118	>=-2.5 & <=2.5	Pass



BUREAU VERITAS

Test Report No.: PSU-NQN2504150110RF05

				-10	NV	-7.10	-0.0085	≥ -2.5 & ≤ 2.5	Pass				
				0	NV	-5.80	-0.0069	≥ -2.5 & ≤ 2.5	Pass				
				10	NV	-6.40	-0.0077	≥ -2.5 & ≤ 2.5	Pass				
				20	NV	-6.50	-0.0078	≥ -2.5 & ≤ 2.5	Pass				
				30	NV	-8.60	-0.0103	≥ -2.5 & ≤ 2.5	Pass				
				40	NV	-10.70	-0.0128	≥ -2.5 & ≤ 2.5	Pass				
				50	NV	-9.20	-0.0110	≥ -2.5 & ≤ 2.5	Pass				
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-8.80	-0.0105	≥ -2.5 & ≤ 2.5	Pass				
					HV	-5.30	-0.0063	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-9.70	-0.0116	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-7.30	-0.0087	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-9.50	-0.0114	≥ -2.5 & ≤ 2.5	Pass
								0	NV	-9.30	-0.0111	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-9.70	-0.0116	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-7.80	-0.0093	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-8.10	-0.0097	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-8.90	-0.0106	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-5.00	-0.0060	≥ -2.5 & ≤ 2.5	Pass				
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.30	-0.0075	≥ -2.5 & ≤ 2.5	Pass				
					HV	-8.80	-0.0105	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-7.80	-0.0093	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-11.10	-0.0133	≥ -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	-10.40	-0.0124	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-7.90	-0.0094	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-7.10	-0.0085	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-7.90	-0.0094	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-8.40	-0.0100	≥ -2.5 & ≤ 2.5	Pass				
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-7.40	-0.0088	≥ -2.5 & ≤ 2.5	Pass				
					HV	-6.70	-0.0080	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-6.80	-0.0081	≥ -2.5 & ≤ 2.5	Pass



BUREAU VERITAS

Test Report No.: PSU-NQN2504150110RF05

				-20	NV	-10.40	-0.0124	≥ -2.5 & ≤ 2.5	Pass				
				-10	NV	-6.40	-0.0077	≥ -2.5 & ≤ 2.5	Pass				
				0	NV	-9.90	-0.0118	≥ -2.5 & ≤ 2.5	Pass				
				10	NV	-7.00	-0.0084	≥ -2.5 & ≤ 2.5	Pass				
				20	NV	-9.40	-0.0112	≥ -2.5 & ≤ 2.5	Pass				
				30	NV	-8.30	-0.0099	≥ -2.5 & ≤ 2.5	Pass				
				40	NV	-6.00	-0.0072	≥ -2.5 & ≤ 2.5	Pass				
				50	NV	-8.00	-0.0096	≥ -2.5 & ≤ 2.5	Pass				
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-1.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass				
					HV	-1.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-2.90	-0.0035	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-2.20	-0.0026	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-5.40	-0.0065	≥ -2.5 & ≤ 2.5	Pass
								0	NV	-5.30	-0.0063	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-7.60	-0.0091	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-6.50	-0.0078	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-5.70	-0.0068	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-3.50	-0.0042	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-2.80	-0.0033	≥ -2.5 & ≤ 2.5	Pass				
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.70	-0.0080	≥ -2.5 & ≤ 2.5	Pass				
					HV	-4.80	-0.0057	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-5.80	-0.0069	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-5.70	-0.0068	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-5.20	-0.0062	≥ -2.5 & ≤ 2.5	Pass
								0	NV	-4.00	-0.0048	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-3.80	-0.0045	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-4.90	-0.0059	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-5.10	-0.0061	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-3.50	-0.0042	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-5.90	-0.0071	≥ -2.5 & ≤ 2.5	Pass				
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-7.20	-0.0086	≥ -2.5 & ≤ 2.5	Pass				
					HV	-3.80	-0.0045	≥ -2.5 & ≤ 2.5	Pass				



BUREAU VERITAS

Test Report No.: PSU-NQN2504150110RF05

				-30	NV	-4.70	-0.0056	≥ -2.5 & ≤ 2.5	Pass				
				-20	NV	-7.70	-0.0092	≥ -2.5 & ≤ 2.5	Pass				
				-10	NV	-6.10	-0.0073	≥ -2.5 & ≤ 2.5	Pass				
				0	NV	-8.30	-0.0099	≥ -2.5 & ≤ 2.5	Pass				
				10	NV	-8.20	-0.0098	≥ -2.5 & ≤ 2.5	Pass				
				20	NV	-8.00	-0.0096	≥ -2.5 & ≤ 2.5	Pass				
				30	NV	-3.40	-0.0041	≥ -2.5 & ≤ 2.5	Pass				
				40	NV	-7.80	-0.0093	≥ -2.5 & ≤ 2.5	Pass				
				50	NV	-5.40	-0.0065	≥ -2.5 & ≤ 2.5	Pass				
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-3.70	-0.0044	≥ -2.5 & ≤ 2.5	Pass				
					HV	-4.10	-0.0049	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-6.30	-0.0075	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-2.00	-0.0024	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-2.80	-0.0033	≥ -2.5 & ≤ 2.5	Pass
								0	NV	-2.50	-0.0030	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-2.80	-0.0033	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-7.10	-0.0085	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-5.40	-0.0065	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-3.00	-0.0036	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-4.70	-0.0056	≥ -2.5 & ≤ 2.5	Pass				
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-4.00	-0.0048	≥ -2.5 & ≤ 2.5	Pass				
					HV	-4.70	-0.0056	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-6.00	-0.0072	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-3.60	-0.0043	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-4.20	-0.0050	≥ -2.5 & ≤ 2.5	Pass
								0	NV	-4.20	-0.0050	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-5.70	-0.0068	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-5.40	-0.0065	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-4.80	-0.0057	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-4.40	-0.0053	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-5.20	-0.0062	≥ -2.5 & ≤ 2.5	Pass				



BUREAU VERITAS

Test Report No.: PSU-NQN2504150110RF05

1.1.4 15k_SISO_20MHz

5G NR DC_66A_n5A SCS=15kHz SISO 20MHz CC1:66 CC2:n5									
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
							Result	Limit	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-10.30	-0.0123	>=-2.5 & <=2.5	Pass
					HV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass
				-30	NV	-9.60	-0.0115	>=-2.5 & <=2.5	Pass
				-20	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
				-10	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass
				0	NV	-8.90	-0.0106	>=-2.5 & <=2.5	Pass
				10	NV	-8.50	-0.0102	>=-2.5 & <=2.5	Pass
				20	NV	-10.40	-0.0124	>=-2.5 & <=2.5	Pass
				30	NV	-8.30	-0.0099	>=-2.5 & <=2.5	Pass
				40	NV	-10.60	-0.0127	>=-2.5 & <=2.5	Pass
50	NV	-10.20	-0.0122	>=-2.5 & <=2.5	Pass				
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
					HV	-9.50	-0.0114	>=-2.5 & <=2.5	Pass
				-30	NV	-7.10	-0.0085	>=-2.5 & <=2.5	Pass
				-20	NV	-8.50	-0.0102	>=-2.5 & <=2.5	Pass
				-10	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
				0	NV	-10.80	-0.0129	>=-2.5 & <=2.5	Pass
				10	NV	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
				20	NV	-8.40	-0.0100	>=-2.5 & <=2.5	Pass
				30	NV	-8.20	-0.0098	>=-2.5 & <=2.5	Pass
				40	NV	-10.60	-0.0127	>=-2.5 & <=2.5	Pass
50	NV	-10.30	-0.0123	>=-2.5 & <=2.5	Pass				
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-10.00	-0.0120	>=-2.5 & <=2.5	Pass
					HV	-8.30	-0.0099	>=-2.5 & <=2.5	Pass
				-30	NV	-8.30	-0.0099	>=-2.5 & <=2.5	Pass
				-20	NV	-9.60	-0.0115	>=-2.5 & <=2.5	Pass
				-10	NV	-10.10	-0.0121	>=-2.5 & <=2.5	Pass
				0	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass



BUREAU VERITAS

Test Report No.: PSU-NQN2504150110RF05

				10	NV	-10.90	-0.0130	≥ -2.5 & ≤ 2.5	Pass				
				20	NV	-12.30	-0.0147	≥ -2.5 & ≤ 2.5	Pass				
				30	NV	-10.10	-0.0121	≥ -2.5 & ≤ 2.5	Pass				
				40	NV	-10.60	-0.0127	≥ -2.5 & ≤ 2.5	Pass				
				50	NV	-9.80	-0.0117	≥ -2.5 & ≤ 2.5	Pass				
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-11.00	-0.0132	≥ -2.5 & ≤ 2.5	Pass				
					HV	-10.60	-0.0127	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-11.80	-0.0141	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-11.30	-0.0135	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-11.00	-0.0132	≥ -2.5 & ≤ 2.5	Pass
								0	NV	-8.60	-0.0103	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-6.50	-0.0078	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-9.80	-0.0117	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-10.20	-0.0122	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-9.90	-0.0118	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-9.80	-0.0117	≥ -2.5 & ≤ 2.5	Pass				
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-4.10	-0.0049	≥ -2.5 & ≤ 2.5	Pass				
					HV	-4.50	-0.0054	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-3.30	-0.0039	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-2.40	-0.0029	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-5.10	-0.0061	≥ -2.5 & ≤ 2.5	Pass
								0	NV	2.00	0.0024	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-4.00	-0.0048	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-2.80	-0.0033	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-3.10	-0.0037	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-2.90	-0.0035	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-3.70	-0.0044	≥ -2.5 & ≤ 2.5	Pass				
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	1.60	0.0019	≥ -2.5 & ≤ 2.5	Pass				
					HV	-4.60	-0.0055	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-2.60	-0.0031	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-4.10	-0.0049	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-4.20	-0.0050	≥ -2.5 & ≤ 2.5	Pass



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF05

				0	NV	-1.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass				
				10	NV	-5.00	-0.0060	≥ -2.5 & ≤ 2.5	Pass				
				20	NV	-3.20	-0.0038	≥ -2.5 & ≤ 2.5	Pass				
				30	NV	-5.80	-0.0069	≥ -2.5 & ≤ 2.5	Pass				
				40	NV	-5.30	-0.0063	≥ -2.5 & ≤ 2.5	Pass				
				50	NV	-3.80	-0.0045	≥ -2.5 & ≤ 2.5	Pass				
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-3.90	-0.0047	≥ -2.5 & ≤ 2.5	Pass				
					HV	-1.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	0.70	0.0008	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-5.90	-0.0071	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-4.00	-0.0048	≥ -2.5 & ≤ 2.5	Pass
								0	NV	-2.00	-0.0024	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-2.10	-0.0025	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-3.30	-0.0039	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-7.80	-0.0093	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-5.20	-0.0062	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-0.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass				
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-3.70	-0.0044	≥ -2.5 & ≤ 2.5	Pass				
					HV	-4.50	-0.0054	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-4.60	-0.0055	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-8.30	-0.0099	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-6.30	-0.0075	≥ -2.5 & ≤ 2.5	Pass
								0	NV	-3.00	-0.0036	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-6.00	-0.0072	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-4.30	-0.0051	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-3.70	-0.0044	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-6.40	-0.0077	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-2.80	-0.0033	≥ -2.5 & ≤ 2.5	Pass				
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	20	LV	-1.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass				
					HV	-5.20	-0.0062	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-6.50	-0.0078	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-5.60	-0.0067	≥ -2.5 & ≤ 2.5	Pass



				-10	NV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
				0	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
				10	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
				20	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
				30	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
				40	NV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
				50	NV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass

2. 99% & 26dB Bandwidth

2.1 Test Result

2.1.1 15k_SISO_5MHz_NTNV

5G NR DC_66A_n5A SCS=15kHz SISO 5MHz NTN							
CC1:66 CC2:n5							
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:826.5	LTE: 1RB_Left NR: Outer_Full	4.52	5.22	/	Pass
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	4.51	5.29	/	Pass
		CC1:1745 CC2:846.5	LTE: 1RB_Left NR: Outer_Full	4.52	5.22	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:826.5	LTE: 1RB_Left NR: Outer_Full	4.50	5.18	/	Pass
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	4.50	5.25	/	Pass
		CC1:1745 CC2:846.5	LTE: 1RB_Left NR: Outer_Full	4.53	5.32	/	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:826.5	LTE: 1RB_Left NR: Outer_Full	4.54	5.19	/	Pass
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	4.55	5.30	/	Pass
		CC1:1745 CC2:846.5	LTE: 1RB_Left NR: Outer_Full	4.56	5.23	/	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:826.5	LTE: 1RB_Left NR: Outer_Full	4.51	5.18	/	Pass
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	4.50	5.17	/	Pass
		CC1:1745 CC2:846.5	LTE: 1RB_Left NR: Outer_Full	4.49	5.11	/	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:826.5	LTE: 1RB_Left NR: Outer_Full	4.50	5.14	/	Pass
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	4.53	5.24	/	Pass
		CC1:1745 CC2:846.5	LTE: 1RB_Left NR: Outer_Full	4.51	5.23	/	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:826.5	LTE: 1RB_Left NR: Outer_Full	4.51	5.29	/	Pass



		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	4.52	5.30	/	Pass
		CC1:1745 CC2:846.5	LTE: 1RB_Left NR: Outer_Full	4.50	5.34	/	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:826.5	LTE: 1RB_Left NR: Outer_Full	4.53	5.28	/	Pass
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	4.54	5.33	/	Pass
		CC1:1745 CC2:846.5	LTE: 1RB_Left NR: Outer_Full	4.55	5.34	/	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:826.5	LTE: 1RB_Left NR: Outer_Full	4.54	5.49	/	Pass
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	4.55	5.27	/	Pass
		CC1:1745 CC2:846.5	LTE: 1RB_Left NR: Outer_Full	4.54	5.26	/	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:826.5	LTE: 1RB_Left NR: Outer_Full	4.54	5.31	/	Pass
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	4.55	5.35	/	Pass
		CC1:1745 CC2:846.5	LTE: 1RB_Left NR: Outer_Full	4.57	5.32	/	Pass

2.1.2 15k_SISO_10MHz_NTNV

5G NR DC_66A_n5A SCS=15kHz SISO 10MHz NTN CC1:66 CC2:n5							
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:829	LTE: 1RB_Left NR: Outer_Full	8.98	9.64	/	Pass
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	9.00	9.73	/	Pass
		CC1:1745 CC2:844	LTE: 1RB_Left NR: Outer_Full	8.97	9.72	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:829	LTE: 1RB_Left NR: Outer_Full	9.01	9.86	/	Pass
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	9.02	9.94	/	Pass
		CC1:1745 CC2:844	LTE: 1RB_Left NR: Outer_Full	9.01	9.89	/	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:829	LTE: 1RB_Left NR: Outer_Full	9.01	9.73	/	Pass
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	9.01	9.76	/	Pass
		CC1:1745 CC2:844	LTE: 1RB_Left NR: Outer_Full	9.01	9.77	/	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:829	LTE: 1RB_Left NR: Outer_Full	8.99	9.72	/	Pass
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	8.99	9.89	/	Pass
		CC1:1745 CC2:844	LTE: 1RB_Left NR: Outer_Full	8.97	9.82	/	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:829	LTE: 1RB_Left NR: Outer_Full	9.00	9.84	/	Pass
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Outer_Full	9.00	9.85	/	Pass
		CC1:1745 CC2:844	LTE: 1RB_Left NR: Outer_Full	8.98	9.70	/	Pass
LTE: QPSK	/	CC1:1745	LTE: 1RB_Left	9.32	10.26	/	Pass