



APPENDIX A – TEST DATA OF CONDUCTED EMISSION

N38(2570~2620)

ANT0

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N38	30	10	DFT-QPSK	L	Inner_1RB_Left	24.85	27.71	33	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Left	24.71	27.57	33	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Left	24.74	27.60	33	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Left	24.66	27.52	33	PASS
N38	30	10	DFT-QPSK	H	Inner_1RB_Left	24.85	27.71	33	PASS
N38	30	10	DFT-16QAM	H	Inner_1RB_Left	24.73	27.59	33	PASS
N38	30	15	DFT-QPSK	L	Inner_1RB_Left	24.88	27.74	33	PASS
N38	30	15	DFT-16QAM	L	Inner_1RB_Left	24.86	27.72	33	PASS
N38	30	15	DFT-QPSK	M	Inner_1RB_Left	24.8	27.66	33	PASS
N38	30	15	DFT-16QAM	M	Inner_1RB_Left	24.75	27.61	33	PASS
N38	30	15	DFT-QPSK	H	Inner_1RB_Left	24.86	27.72	33	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Left	24.81	27.67	33	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Left	24.82	27.68	33	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Left	24.77	27.63	33	PASS
N38	30	20	DFT-QPSK	M	Inner_1RB_Left	24.76	27.62	33	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Left	24.66	27.52	33	PASS
N38	30	20	DFT-QPSK	H	Inner_1RB_Left	24.87	27.73	33	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Left	24.75	27.61	33	PASS
N38	30	30	DFT-QPSK	L	Inner_1RB_Left	24.94	27.80	33	PASS
N38	30	30	DFT-16QAM	L	Inner_1RB_Left	24.84	27.70	33	PASS
N38	30	30	DFT-QPSK	M	Inner_1RB_Left	24.76	27.62	33	PASS
N38	30	30	DFT-16QAM	M	Inner_1RB_Left	24.62	27.48	33	PASS



N38	30	30	DFT-QPSK	H	Inner_1RB_Left	24.91	27.77	33	PASS
N38	30	30	DFT-16QAM	H	Inner_1RB_Left	24.87	27.73	33	PASS
N38	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	24.83	27.69	33	PASS
N38	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	24.95	27.81	33	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	24.76	27.62	33	PASS
N38	30	40	DFT-QPSK	L	Inner_1RB_Left	24.76	27.62	33	PASS
N38	30	40	DFT-QPSK	L	Inner_1RB_Right	24.85	27.71	33	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	24.75	27.61	33	PASS
N38	30	40	DFT-16QAM	L	Inner_1RB_Left	24.62	27.48	33	PASS
N38	30	40	DFT-16QAM	L	Inner_1RB_Right	24.63	27.49	33	PASS
N38	30	40	DFT-16QAM	L	Outer_Full	23.96	26.82	33	PASS
N38	30	40	DFT-64QAM	L	Inner_1RB_Left	23.48	26.34	33	PASS
N38	30	40	DFT-64QAM	L	Inner_1RB_Right	23.42	26.28	33	PASS
N38	30	40	DFT-64QAM	L	Outer_Full	23.4	26.26	33	PASS
N38	30	40	DFT-256QAM	L	Inner_1RB_Left	21.12	23.98	33	PASS
N38	30	40	DFT-256QAM	L	Inner_1RB_Right	21.3	24.16	33	PASS
N38	30	40	DFT-256QAM	L	Outer_Full	21.31	24.17	33	PASS
N38	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	24.78	27.64	33	PASS
N38	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	24.93	27.79	33	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	24.81	27.67	33	PASS
N38	30	40	DFT-QPSK	M	Inner_1RB_Left	24.81	27.67	33	PASS
N38	30	40	DFT-QPSK	M	Inner_1RB_Right	24.92	27.78	33	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	24.98	27.84	33	PASS
N38	30	40	DFT-16QAM	M	Inner_1RB_Left	24.66	27.52	33	PASS



N38	30	40	DFT-16QAM	M	Inner_1RB_Right	24.69	27.55	33	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	24.02	26.88	33	PASS
N38	30	40	DFT-64QAM	M	Inner_1RB_Left	23.38	26.24	33	PASS
N38	30	40	DFT-64QAM	M	Inner_1RB_Right	23.49	26.35	33	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	23.55	26.41	33	PASS
N38	30	40	DFT-256QAM	M	Inner_1RB_Left	21.16	24.02	33	PASS
N38	30	40	DFT-256QAM	M	Inner_1RB_Right	21.33	24.19	33	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	21.4	24.26	33	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	24.83	27.69	33	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	24.79	27.65	33	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	24.83	27.69	33	PASS
N38	30	40	DFT-QPSK	H	Inner_1RB_Left	24.86	27.72	33	PASS
N38	30	40	DFT-QPSK	H	Inner_1RB_Right	24.8	27.66	33	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	24.8	27.66	33	PASS
N38	30	40	DFT-16QAM	H	Inner_1RB_Left	24.65	27.51	33	PASS
N38	30	40	DFT-16QAM	H	Inner_1RB_Right	24.61	27.47	33	PASS
N38	30	40	DFT-16QAM	H	Outer_Full	23.95	26.81	33	PASS
N38	30	40	DFT-64QAM	H	Inner_1RB_Left	23.42	26.28	33	PASS
N38	30	40	DFT-64QAM	H	Inner_1RB_Right	23.48	26.34	33	PASS
N38	30	40	DFT-64QAM	H	Outer_Full	23.48	26.34	33	PASS
N38	30	40	DFT-256QAM	H	Inner_1RB_Left	21.3	24.16	33	PASS
N38	30	40	DFT-256QAM	H	Inner_1RB_Right	21.2	24.06	33	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	21.43	24.29	33	PASS



MIMO

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1	Power Ant2	Total Power	EIRP (dBm)	Verdict
N38	30	10	CP-QPSK	L	Inner_1RB_Left	21.27	20.37	23.85	26.71	PASS
N38	30	10	CP-16QAM	L	Inner_1RB_Left	20.92	19.81	23.41	26.27	PASS
N38	30	10	CP-QPSK	M	Inner_1RB_Left	21.35	20.55	23.98	26.84	PASS
N38	30	10	CP-16QAM	M	Inner_1RB_Left	21.05	20.19	23.65	26.51	PASS
N38	30	10	CP-QPSK	H	Inner_1RB_Left	21.29	20.73	24.03	26.89	PASS
N38	30	10	CP-16QAM	H	Inner_1RB_Left	20.92	20.26	23.61	26.47	PASS
N38	30	15	CP-QPSK	L	Inner_1RB_Left	21.46	20.5	24.02	26.88	PASS
N38	30	15	CP-16QAM	L	Inner_1RB_Left	21.15	19.88	23.57	26.43	PASS
N38	30	15	CP-QPSK	M	Inner_1RB_Left	21.29	20.8	24.06	26.92	PASS
N38	30	15	CP-16QAM	M	Inner_1RB_Left	21.06	20.22	23.67	26.53	PASS
N38	30	15	CP-QPSK	H	Inner_1RB_Left	21.41	20.71	24.08	26.94	PASS
N38	30	15	CP-16QAM	H	Inner_1RB_Left	21.09	20.16	23.66	26.52	PASS
N38	30	20	CP-QPSK	L	Inner_1RB_Left	21.36	20.44	23.93	26.79	PASS
N38	30	20	CP-16QAM	L	Inner_1RB_Left	21.03	19.93	23.53	26.39	PASS
N38	30	20	CP-QPSK	M	Inner_1RB_Left	21.37	20.9	24.15	27.01	PASS
N38	30	20	CP-16QAM	M	Inner_1RB_Left	21.08	20.29	23.71	26.57	PASS
N38	30	20	CP-QPSK	H	Inner_1RB_Left	21.45	20.53	24.02	26.88	PASS
N38	30	20	CP-16QAM	H	Inner_1RB_Left	21.09	19.98	23.58	26.44	PASS
N38	30	30	CP-QPSK	L	Inner_1RB_Left	21.6	20.57	24.13	26.99	PASS
N38	30	30	CP-16QAM	L	Inner_1RB_Left	21.3	19.93	23.68	26.54	PASS
N38	30	30	CP-QPSK	M	Inner_1RB_Left	21.42	20.84	24.15	27.01	PASS
N38	30	30	CP-16QAM	M	Inner_1RB_Left	21.11	20.34	23.75	26.61	PASS



N38	30	30	CP-QPSK	H	Inner_1RB_Lef t	21.55	20.83	24.22	27.08	PASS
N38	30	30	CP-16QAM	H	Inner_1RB_Lef t	21.25	20.29	23.81	26.67	PASS
N38	30	40	CP-QPSK	L	Inner_1RB_Lef t	21.48	20.58	24.06	26.92	PASS
N38	30	40	CP-QPSK	L	Inner_1RB_Ri ght	21.56	21.15	24.37	27.23	PASS
N38	30	40	CP-QPSK	L	Outer_Full	19.93	19.51	22.74	25.60	PASS
N38	30	40	CP-16QAM	L	Inner_1RB_Lef t	21.09	20.06	23.62	26.48	PASS
N38	30	40	CP-16QAM	L	Inner_1RB_Ri ght	21.22	20.45	23.86	26.72	PASS
N38	30	40	CP-16QAM	L	Outer_Full	20.01	19.41	22.73	25.59	PASS
N38	30	40	CP-64QAM	L	Inner_1RB_Lef t	21.14	20.11	23.67	26.53	PASS
N38	30	40	CP-64QAM	L	Inner_1RB_Ri ght	20.67	20.16	23.43	26.29	PASS
N38	30	40	CP-64QAM	L	Outer_Full	19.05	18.5	21.79	24.65	PASS
N38	30	40	CP-256QA M	L	Inner_1RB_Lef t	17.63	16.55	20.13	22.99	PASS
N38	30	40	CP-256QA M	L	Inner_1RB_Ri ght	17.71	17.07	20.41	23.27	PASS
N38	30	40	CP-256QA M	L	Outer_Full	17.99	17.57	20.8	23.66	PASS
N38	30	40	CP-QPSK	M	Inner_1RB_Lef t	21.45	21.01	24.25	27.11	PASS
N38	30	40	CP-QPSK	M	Inner_1RB_Ri ght	21.77	21.02	24.42	27.28	PASS
N38	30	40	CP-QPSK	M	Outer_Full	20.11	19.46	22.81	25.67	PASS
N38	30	40	CP-16QAM	M	Inner_1RB_Lef t	21.14	20.41	23.8	26.66	PASS
N38	30	40	CP-16QAM	M	Inner_1RB_Ri ght	21.27	20.17	23.77	26.63	PASS
N38	30	40	CP-16QAM	M	Outer_Full	20	19.42	22.73	25.59	PASS
N38	30	40	CP-64QAM	M	Inner_1RB_Lef t	21.05	20.51	23.8	26.66	PASS
N38	30	40	CP-64QAM	M	Inner_1RB_Ri ght	21.17	20.41	23.82	26.68	PASS
N38	30	40	CP-64QAM	M	Outer_Full	19.07	18.43	21.77	24.63	PASS



N38	30	40	CP-256QAM	M	Inner_1RB_Left	17.52	17.02	20.29	23.15	PASS
N38	30	40	CP-256QAM	M	Inner_1RB_Right	17.74	16.83	20.32	23.18	PASS
N38	30	40	CP-256QAM	M	Outer_Full	18.2	17.51	20.88	23.74	PASS
N38	30	40	CP-QPSK	H	Inner_1RB_Left	21.53	20.64	24.12	26.98	PASS
N38	30	40	CP-QPSK	H	Inner_1RB_Right	21.61	20.84	24.25	27.11	PASS
N38	30	40	CP-QPSK	H	Outer_Full	19.96	19.51	22.75	25.61	PASS
N38	30	40	CP-16QAM	H	Inner_1RB_Left	21.25	20.13	23.74	26.60	PASS
N38	30	40	CP-16QAM	H	Inner_1RB_Right	21.14	20.27	23.74	26.60	PASS
N38	30	40	CP-16QAM	H	Outer_Full	19.99	19.47	22.67	25.53	PASS
N38	30	40	CP-64QAM	H	Inner_1RB_Left	21.16	20.2	23.72	26.58	PASS
N38	30	40	CP-64QAM	H	Inner_1RB_Right	21.01	20.38	23.72	26.58	PASS
N38	30	40	CP-64QAM	H	Outer_Full	19.03	18.39	21.73	24.59	PASS
N38	30	40	CP-256QAM	H	Inner_1RB_Left	17.67	16.61	20.18	23.04	PASS
N38	30	40	CP-256QAM	H	Inner_1RB_Right	17.59	16.84	20.24	23.10	PASS
N38	30	40	CP-256QAM	H	Outer_Full	18.18	17.46	20.85	23.71	PASS