

1.1 Test Result

Test Band: 2 1.4MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.07	21.97	22.15	/	-1	21.07	20.97	21.15	33.01	PASS
		2	22.15	22.03	22.29	/	-1	21.15	21.03	21.29	33.01	PASS
		5	21.99	21.95	22.25	/	-1	20.99	20.95	21.25	33.01	PASS
	3	0	22.07	21.97	22.20	/	-1	21.07	20.97	21.2	33.01	PASS
		2	22.09	22.02	22.32	/	-1	21.09	21.02	21.32	33.01	PASS
		3	22.05	21.99	22.26	/	-1	21.05	20.99	21.26	33.01	PASS
	6	0	21.07	21.05	21.28	/	-1	20.07	20.05	20.28	33.01	PASS
16QAM	1	0	21.02	21.12	21.60	/	-1	20.02	20.12	20.6	33.01	PASS
		2	21.18	21.18	21.75	/	-1	20.18	20.18	20.75	33.01	PASS
		5	20.94	21.11	21.74	/	-1	19.94	20.11	20.74	33.01	PASS
	3	0	20.91	21.06	21.37	/	-1	19.91	20.06	20.37	33.01	PASS
		2	20.97	21.12	21.53	/	-1	19.97	20.12	20.53	33.01	PASS
		3	20.94	21.03	21.43	/	-1	19.94	20.03	20.43	33.01	PASS
	6	0	20.09	20.12	20.31	/	-1	19.09	19.12	19.31	33.01	PASS

Test Band: 2 3MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.23	22.10	22.22	/	-1	21.23	21.1	21.22	33.01	PASS
		7	22.21	22.20	22.18	/	-1	21.21	21.2	21.18	33.01	PASS
		14	22.15	22.00	22.18	/	-1	21.15	21	21.18	33.01	PASS
	8	0	21.06	20.99	21.24	/	-1	20.06	19.99	20.24	33.01	PASS
		4	20.99	21.07	21.34	/	-1	19.99	20.07	20.34	33.01	PASS
		7	20.98	20.96	21.28	/	-1	19.98	19.96	20.28	33.01	PASS
	15	0	21.02	21.04	21.30	/	-1	20.02	20.04	20.3	33.01	PASS
16QAM	1	0	21.39	21.12	21.21	/	-1	20.39	20.12	20.21	33.01	PASS
		7	21.38	21.10	21.27	/	-1	20.38	20.1	20.27	33.01	PASS
		14	21.38	20.99	21.16	/	-1	20.38	19.99	20.16	33.01	PASS
	8	0	20.17	20.02	20.20	/	-1	19.17	19.02	19.2	33.01	PASS
		4	20.14	20.03	20.28	/	-1	19.14	19.03	19.28	33.01	PASS
		7	20.10	19.97	20.19	/	-1	19.1	18.97	19.19	33.01	PASS
	15	0	19.99	20.10	20.20	/	-1	18.99	19.1	19.2	33.01	PASS

Note:

1) dBd = dBi - 2.15

2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 2 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.20	22.30	22.49	/	-1	21.2	21.3	21.49	33.01	PASS
		13	22.18	22.10	22.35	/	-1	21.18	21.1	21.35	33.01	PASS
		24	22.16	21.98	22.33	/	-1	21.16	20.98	21.33	33.01	PASS
	12	0	21.02	21.24	21.40	/	-1	20.02	20.24	20.4	33.01	PASS
		6	21.09	21.05	21.38	/	-1	20.09	20.05	20.38	33.01	PASS
		13	21.05	20.97	21.39	/	-1	20.05	19.97	20.39	33.01	PASS
	25	0	21.02	21.14	21.37	/	-1	20.02	20.14	20.37	33.01	PASS

16QAM	1		21.28	21.56	21.43	/	-1	20.28	20.56	20.43	33.01	PASS
		13	21.19	21.42	21.50	/	-1	20.19	20.42	20.5	33.01	PASS
		24	21.13	21.32	21.37	/	-1	20.13	20.32	20.37	33.01	PASS
	12	0	20.11	20.23	20.36	/	-1	19.11	19.23	19.36	33.01	PASS
		6	20.16	20.05	20.37	/	-1	19.16	19.05	19.37	33.01	PASS
		13	20.07	19.97	20.42	/	-1	19.07	18.97	19.42	33.01	PASS
	25	0	20.06	20.08	20.39	/	-1	19.06	19.08	19.39	33.01	PASS
Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)												

Test Band: 2 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.48	22.44	22.39	/	-1	21.48	21.44	21.39	33.01	PASS
		25	22.35	22.11	22.25	/	-1	21.35	21.11	21.25	33.01	PASS
		49	22.43	22.06	22.13	/	-1	21.43	21.06	21.13	33.01	PASS
	25	0	21.10	21.07	21.43	/	-1	20.1	20.07	20.43	33.01	PASS
		13	21.17	21.03	21.39	/	-1	20.17	20.03	20.39	33.01	PASS
		25	21.22	21.00	21.40	/	-1	20.22	20	20.4	33.01	PASS
16QAM	50	0	21.23	21.14	21.39	/	-1	20.23	20.14	20.39	33.01	PASS
			21.63	21.45	21.64	/	-1	20.63	20.45	20.64	33.01	PASS
			21.46	21.08	21.52	/	-1	20.46	20.08	20.52	33.01	PASS
	1	25	21.46	21.08	21.52	/	-1	20.46	20.08	20.52	33.01	PASS
		49	21.76	21.00	21.45	/	-1	20.76	20	20.45	33.01	PASS
			20.09	20.17	20.46	/	-1	19.09	19.17	19.46	33.01	PASS
	25	0	20.09	20.17	20.46	/	-1	19.09	19.17	19.46	33.01	PASS
		13	20.24	20.10	20.37	/	-1	19.24	19.1	19.37	33.01	PASS
		25	20.21	20.08	20.42	/	-1	19.21	19.08	19.42	33.01	PASS
	50	0	20.21	20.14	20.44	/	-1	19.21	19.14	19.44	33.01	PASS
Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)												

Test Band: 2 15MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.36	22.42	22.31	/	-1	21.36	21.42	21.31	33.01	PASS
		38	22.11	21.99	22.28	/	-1	21.11	20.99	21.28	33.01	PASS
		74	22.15	22.13	22.32	/	-1	21.15	21.13	21.32	33.01	PASS
	36	0	21.06	20.98	21.13	/	-1	20.06	19.98	20.13	33.01	PASS
		18	21.06	21.01	21.18	/	-1	20.06	20.01	20.18	33.01	PASS
		39	21.18	20.90	21.15	/	-1	20.18	19.9	20.15	33.01	PASS
16QAM	75	0	21.12	20.96	21.18	/	-1	20.12	19.96	20.18	33.01	PASS
			21.46	21.42	21.29	/	-1	20.46	20.42	20.29	33.01	PASS
			21.15	21.00	21.34	/	-1	20.15	20	20.34	33.01	PASS
	1	38	21.15	21.00	21.34	/	-1	20.15	20	20.34	33.01	PASS
		74	21.21	21.10	21.28	/	-1	20.21	20.1	20.28	33.01	PASS
			20.21	20.05	20.09	/	-1	19.21	19.05	19.09	33.01	PASS
	36	0	20.21	20.05	20.09	/	-1	19.21	19.05	19.09	33.01	PASS
		18	20.17	20.00	20.12	/	-1	19.17	19	19.12	33.01	PASS
		39	20.19	19.96	20.11	/	-1	19.19	18.96	19.11	33.01	PASS
	75	0	20.19	20.04	20.23	/	-1	19.19	19.04	19.23	33.01	PASS
Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)												

Test Band: 2 20MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		

QPSK	1	0	22.16	22.46	22.04	/	-1	21.16	21.46	21.04	33.01	PASS
		50	22.12	22.13	22.17	/	-1	21.12	21.13	21.17	33.01	PASS
		99	21.84	22.06	22.17	/	-1	20.84	21.06	21.17	33.01	PASS
	50	0	21.10	21.05	21.03	/	-1	20.1	20.05	20.03	33.01	PASS
		25	21.13	20.99	21.12	/	-1	20.13	19.99	20.12	33.01	PASS
		50	21.15	20.85	21.22	/	-1	20.15	19.85	20.22	33.01	PASS
	100	0	21.10	21.02	21.22	/	-1	20.1	20.02	20.22	33.01	PASS
		0	21.29	21.11	21.47	/	-1	20.29	20.11	20.47	33.01	PASS
		0	21.22	20.66	21.31	/	-1	20.22	19.66	20.31	33.01	PASS
16QAM	1	50	20.94	20.75	21.57	/	-1	19.94	19.75	20.57	33.01	PASS
		0	20.09	20.07	20.06	/	-1	19.09	19.07	19.06	33.01	PASS
		25	20.16	19.97	20.14	/	-1	19.16	18.97	19.14	33.01	PASS
	50	50	20.09	19.79	20.19	/	-1	19.09	18.79	19.19	33.01	PASS
		0	20.14	20.04	20.13	/	-1	19.14	19.04	19.13	33.01	PASS
		0	20.14	20.04	20.13	/	-1	19.14	19.04	19.13	33.01	PASS
	100	0	20.14	20.04	20.13	/	-1	19.14	19.04	19.13	33.01	PASS
		0	20.14	20.04	20.13	/	-1	19.14	19.04	19.13	33.01	PASS
		0	20.14	20.04	20.13	/	-1	19.14	19.04	19.13	33.01	PASS

Note:
1) dBd = dBi - 2.15
2) EIRP = Conducted output power + Antenna gain (dBi)

2. Effective (Isotropic) Radiated Power Output Data

2.1 Test Result

Test Band: 4 1.4MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.79	22.50	22.59	/	-1	21.79	21.5	21.59	30.00	PASS
		2	22.88	22.55	22.65	/	-1	21.88	21.55	21.65	30.00	PASS
		5	22.88	22.43	22.56	/	-1	21.88	21.43	21.56	30.00	PASS
	3	0	22.89	22.42	22.55	/	-1	21.89	21.42	21.55	30.00	PASS
		2	22.86	22.43	22.62	/	-1	21.86	21.43	21.62	30.00	PASS
		3	22.84	22.38	22.59	/	-1	21.84	21.38	21.59	30.00	PASS
	6	0	21.81	21.44	21.57	/	-1	20.81	20.44	20.57	30.00	PASS
		0	22.12	21.47	21.64	/	-1	21.12	20.47	20.64	30.00	PASS
		0	22.12	21.47	21.64	/	-1	21.12	20.47	20.64	30.00	PASS
16QAM	1	2	22.23	21.55	21.79	/	-1	21.23	20.55	20.79	30.00	PASS
		5	22.15	21.39	21.68	/	-1	21.15	20.39	20.68	30.00	PASS
		0	21.90	21.38	21.58	/	-1	20.9	20.38	20.58	30.00	PASS
	3	2	21.89	21.41	21.71	/	-1	20.89	20.41	20.71	30.00	PASS
		3	21.86	21.34	21.61	/	-1	20.86	20.34	20.61	30.00	PASS
		0	20.88	20.45	20.68	/	-1	19.88	19.45	19.68	30.00	PASS
	6	0	20.88	20.45	20.68	/	-1	19.88	19.45	19.68	30.00	PASS
		0	20.88	20.45	20.68	/	-1	19.88	19.45	19.68	30.00	PASS
		0	20.88	20.45	20.68	/	-1	19.88	19.45	19.68	30.00	PASS

Note:
1) dBd = dBi - 2.15
2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 4 3MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.88	22.52	22.67	/	-1	21.88	21.52	21.67	30.00	PASS
		7	22.90	22.45	22.62	/	-1	21.9	21.45	21.62	30.00	PASS
		14	22.87	22.42	22.59	/	-1	21.87	21.42	21.59	30.00	PASS
	8	0	21.90	21.51	21.58	/	-1	20.9	20.51	20.58	30.00	PASS
		4	21.83	21.47	21.70	/	-1	20.83	20.47	20.7	30.00	PASS
		7	21.91	21.40	21.71	/	-1	20.91	20.4	20.71	30.00	PASS
	15	0	21.79	21.46	21.56	/	-1	20.79	20.46	20.56	30.00	PASS
		0	22.14	21.46	21.65	/	-1	21.14	20.46	20.65	30.00	PASS
		0	22.14	21.46	21.65	/	-1	21.14	20.46	20.65	30.00	PASS
16QAM	1	7	22.31	21.61	21.64	/	-1	21.31	20.61	20.64	30.00	PASS
		14	22.17	21.45	21.60	/	-1	21.17	20.45	20.6	30.00	PASS
		0	22.17	21.45	21.60	/	-1	21.17	20.45	20.6	30.00	PASS

	8	0	20.96	20.54	20.65	/	-1	19.96	19.54	19.65	30.00	PASS
		4	20.95	20.48	20.72	/	-1	19.95	19.48	19.72	30.00	PASS
		7	20.92	20.44	20.64	/	-1	19.92	19.44	19.64	30.00	PASS
	15	0	20.80	20.55	20.55	/	-1	19.8	19.55	19.55	30.00	PASS

Note:

1) dBd = dBi - 2.15

2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 4 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.87	22.63	22.66	/	-1	21.87	21.63	21.66	30.00	PASS
		13	22.85	22.71	22.68	/	-1	21.85	21.71	21.68	30.00	PASS
		24	22.80	22.45	22.63	/	-1	21.8	21.45	21.63	30.00	PASS
	12	0	21.84	21.51	21.74	/	-1	20.84	20.51	20.74	30.00	PASS
		6	21.85	21.57	21.63	/	-1	20.85	20.57	20.63	30.00	PASS
		13	21.93	21.45	21.59	/	-1	20.93	20.45	20.59	30.00	PASS
16QAM	25	0	21.82	21.57	21.65	/	-1	20.82	20.57	20.65	30.00	PASS
			22.05	21.97	21.75	/	-1	21.05	20.97	20.75	30.00	PASS
	1	13	21.99	21.94	21.72	/	-1	20.99	20.94	20.72	30.00	PASS
		24	21.87	21.76	21.81	/	-1	20.87	20.76	20.81	30.00	PASS
		0	20.93	20.52	20.75	/	-1	19.93	19.52	19.75	30.00	PASS
	12	6	20.89	20.48	20.63	/	-1	19.89	19.48	19.63	30.00	PASS
		13	20.97	20.47	20.68	/	-1	19.97	19.47	19.68	30.00	PASS
		25	20.95	20.52	20.71	/	-1	19.95	19.52	19.71	30.00	PASS

Note:

1) dBd = dBi - 2.15

2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 4 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	23.06	22.77	22.76	/	-1	22.06	21.77	21.76	30.00	PASS
		25	22.90	23.14	22.50	/	-1	21.9	22.14	21.5	30.00	PASS
		49	22.73	22.62	22.83	/	-1	21.73	21.62	21.83	30.00	PASS
	25	0	21.96	21.54	21.54	/	-1	20.96	20.54	20.54	30.00	PASS
		13	21.88	21.53	21.58	/	-1	20.88	20.53	20.58	30.00	PASS
		25	21.97	21.57	21.66	/	-1	20.97	20.57	20.66	30.00	PASS
16QAM	50	0	21.95	21.48	21.62	/	-1	20.95	20.48	20.62	30.00	PASS
			22.36	21.70	21.99	/	-1	21.36	20.7	20.99	30.00	PASS
	1	25	22.16	21.59	21.68	/	-1	21.16	20.59	20.68	30.00	PASS
		49	22.11	21.76	21.92	/	-1	21.11	20.76	20.92	30.00	PASS
		0	20.91	20.58	20.63	/	-1	19.91	19.58	19.63	30.00	PASS
	25	13	20.94	20.55	20.64	/	-1	19.94	19.55	19.64	30.00	PASS
		25	21.05	20.56	20.76	/	-1	20.05	19.56	19.76	30.00	PASS
		50	20.91	20.56	20.67	/	-1	19.91	19.56	19.67	30.00	PASS

Note:

1) dBd = dBi - 2.15

2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 4 15MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.64	22.57	22.47	/	-1	21.64	21.57	21.47	30.00	PASS
		38	22.59	22.45	22.33	/	-1	21.59	21.45	21.33	30.00	PASS
		74	22.26	22.15	22.43	/	-1	21.26	21.15	21.43	30.00	PASS

	36	0	21.64	21.48	21.26	/	-1	20.64	20.48	20.26	30.00	PASS
		18	21.69	21.37	21.42	/	-1	20.69	20.37	20.42	30.00	PASS
		39	21.63	21.27	21.32	/	-1	20.63	20.27	20.32	30.00	PASS
	75	0	21.54	21.33	21.20	/	-1	20.54	20.33	20.2	30.00	PASS
21.74	21.60		21.65	/	-1	20.74	20.6	20.65	30.00	PASS		
16QAM	1	38	21.68	21.52	21.44	/	-1	20.68	20.52	20.44	30.00	PASS
		74	21.42	21.21	21.54	/	-1	20.42	20.21	20.54	30.00	PASS
		0	20.85	20.57	20.25	/	-1	19.85	19.57	19.25	30.00	PASS
	18		20.74	20.44	20.37	/	-1	19.74	19.44	19.37	30.00	PASS
			39	20.55	20.26	20.28	/	-1	19.55	19.26	19.28	30.00
	75	0	20.59	20.40	20.32	/	-1	19.59	19.4	19.32	30.00	PASS
		Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)										

Test Band: 4 20MHz Bandwidth													
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict	
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH			
QPSK	1	0	22.34	22.48	22.13	/	-1	21.34	21.48	21.13	30.00	PASS	
		50	22.54	22.54	22.36	/	-1	21.54	21.54	21.36	30.00	PASS	
		99	22.28	22.25	22.29	/	-1	21.28	21.25	21.29	30.00	PASS	
	50	0	21.61	21.53	21.26	/	-1	20.61	20.53	20.26	30.00	PASS	
		25	21.59	21.35	21.29	/	-1	20.59	20.35	20.29	30.00	PASS	
		50	21.50	21.22	21.31	/	-1	20.5	20.22	20.31	30.00	PASS	
	100	0	21.55	21.30	21.30	/	-1	20.55	20.3	20.3	30.00	PASS	
			21.65	21.15	21.45	/	-1	20.65	20.15	20.45	30.00	PASS	
16QAM	1	50	21.76	21.09	21.70	/	-1	20.76	20.09	20.7	30.00	PASS	
		99	21.52	20.80	21.80	/	-1	20.52	19.8	20.8	30.00	PASS	
		0	20.61	20.50	20.23	/	-1	19.61	19.5	19.23	30.00	PASS	
	50	25	20.55	20.38	20.34	/	-1	19.55	19.38	19.34	30.00	PASS	
		50	20.45	20.20	20.37	/	-1	19.45	19.2	19.37	30.00	PASS	
		100	0	20.54	20.39	20.24	/	-1	19.54	19.39	19.24	30.00	PASS
	Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)												

3.1 Test Result

Test Band: 5 1.4MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.36	22.62	22.37	-3.15	-1	19.21	19.47	19.22	38.45	PASS
		2	22.35	22.74	22.74	-3.15	-1	19.2	19.59	19.59	38.45	PASS
		5	22.29	22.74	22.57	-3.15	-1	19.14	19.59	19.42	38.45	PASS
	3	0	22.27	22.67	22.75	-3.15	-1	19.12	19.52	19.6	38.45	PASS
		2	22.21	22.76	22.74	-3.15	-1	19.06	19.61	19.59	38.45	PASS
		3	22.34	22.63	22.71	-3.15	-1	19.19	19.48	19.56	38.45	PASS
	6	0	21.33	21.67	21.61	-3.15	-1	18.18	18.52	18.46	38.45	PASS
16QAM	1		21.77	21.16	21.20	-3.15	-1	18.62	18.01	18.05	38.45	PASS
		2	21.79	21.38	21.35	-3.15	-1	18.64	18.23	18.2	38.45	PASS
		5	21.73	21.42	21.29	-3.15	-1	18.58	18.27	18.14	38.45	PASS
	3	0	21.42	21.33	21.49	-3.15	-1	18.27	18.18	18.34	38.45	PASS
		2	21.38	21.45	21.48	-3.15	-1	18.23	18.3	18.33	38.45	PASS
		3	21.47	21.33	21.50	-3.15	-1	18.32	18.18	18.35	38.45	PASS

	6	0	20.36	20.48	20.39	-3.15	-1	17.21	17.33	17.24	38.45	PASS
Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi) 3) ERP = Conducted output power + Antenna gain (dBd)												

Test Band: 5 3MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.50	22.42	22.30	-3.15	-1	19.35	19.27	19.15	38.45	PASS
		7	22.60	22.79	22.55	-3.15	-1	19.45	19.64	19.4	38.45	PASS
		14	22.47	22.68	22.57	-3.15	-1	19.32	19.53	19.42	38.45	PASS
	8	0	21.46	21.63	21.69	-3.15	-1	18.31	18.48	18.54	38.45	PASS
		4	21.50	21.60	21.71	-3.15	-1	18.35	18.45	18.56	38.45	PASS
		7	21.53	21.65	21.77	-3.15	-1	18.38	18.5	18.62	38.45	PASS
16QAM	15	0	21.51	21.68	21.69	-3.15	-1	18.36	18.53	18.54	38.45	PASS
		7	21.92	21.35	21.37	-3.15	-1	18.77	18.2	18.22	38.45	PASS
		14	22.00	21.68	21.65	-3.15	-1	18.85	18.53	18.5	38.45	PASS
	1	0	21.87	21.59	21.66	-3.15	-1	18.72	18.44	18.51	38.45	PASS
		7	22.00	21.68	21.65	-3.15	-1	18.85	18.53	18.5	38.45	PASS
		14	21.87	21.59	21.66	-3.15	-1	18.72	18.44	18.51	38.45	PASS
	8	0	20.57	20.64	20.71	-3.15	-1	17.42	17.49	17.56	38.45	PASS
		4	20.57	20.63	20.64	-3.15	-1	17.42	17.48	17.49	38.45	PASS
		7	20.58	20.65	20.77	-3.15	-1	17.43	17.5	17.62	38.45	PASS
	15	0	20.69	20.71	20.60	-3.15	-1	17.54	17.56	17.45	38.45	PASS
Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi) 3) ERP = Conducted output power + Antenna gain (dBd)												

Test Band: 5 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.45	22.43	22.39	-3.15	-1	19.3	19.28	19.24	38.45	PASS
		13	22.49	22.64	22.74	-3.15	-1	19.34	19.49	19.59	38.45	PASS
		24	22.40	22.58	22.69	-3.15	-1	19.25	19.43	19.54	38.45	PASS
	12	0	21.51	21.72	21.74	-3.15	-1	18.36	18.57	18.59	38.45	PASS
		6	21.45	21.71	21.81	-3.15	-1	18.3	18.56	18.66	38.45	PASS
		13	21.35	21.66	21.70	-3.15	-1	18.2	18.51	18.55	38.45	PASS
16QAM	25	0	21.46	21.66	21.73	-3.15	-1	18.31	18.51	18.58	38.45	PASS
		6	21.35	21.88	21.45	-3.15	-1	18.2	18.73	18.3	38.45	PASS
		13	21.43	22.16	21.81	-3.15	-1	18.28	19.01	18.66	38.45	PASS
	1	0	21.30	22.14	21.70	-3.15	-1	18.15	18.99	18.55	38.45	PASS
		6	20.60	20.80	20.75	-3.15	-1	17.45	17.65	17.6	38.45	PASS
		13	20.56	20.70	20.73	-3.15	-1	17.41	17.55	17.58	38.45	PASS
	12	0	20.44	20.65	20.67	-3.15	-1	17.29	17.5	17.52	38.45	PASS
		6	20.56	20.70	20.73	-3.15	-1	17.41	17.55	17.58	38.45	PASS
		13	20.44	20.65	20.67	-3.15	-1	17.29	17.5	17.52	38.45	PASS
	25	0	20.59	20.63	20.77	-3.15	-1	17.44	17.48	17.62	38.45	PASS
Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi) 3) ERP = Conducted output power + Antenna gain (dBd)												

Test Band: 5 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.68	22.66	22.63	-3.15	-1	19.53	19.51	19.48	38.45	PASS
		25	22.45	22.78	22.98	-3.15	-1	19.3	19.63	19.83	38.45	PASS
		49	22.70	22.90	23.01	-3.15	-1	19.55	19.75	19.86	38.45	PASS

16QAM	25	0	21.46	21.81	21.97	-3.15	-1	18.31	18.66	18.82	38.45	PASS
		13	21.34	21.82	21.90	-3.15	-1	18.19	18.67	18.75	38.45	PASS
		25	21.41	21.76	21.91	-3.15	-1	18.26	18.61	18.76	38.45	PASS
	50	0	21.42	21.74	21.91	-3.15	-1	18.27	18.59	18.76	38.45	PASS
			22.12	21.56	21.64	-3.15	-1	18.97	18.41	18.49	38.45	PASS
		25	21.83	21.69	21.81	-3.15	-1	18.68	18.54	18.66	38.45	PASS
	1	49	22.04	21.87	21.80	-3.15	-1	18.89	18.72	18.65	38.45	PASS
		0	20.50	20.89	21.06	-3.15	-1	17.35	17.74	17.91	38.45	PASS
		13	20.37	20.84	20.92	-3.15	-1	17.22	17.69	17.77	38.45	PASS
		25	20.40	20.80	20.96	-3.15	-1	17.25	17.65	17.81	38.45	PASS
	50	0	20.48	20.70	20.90	-3.15	-1	17.33	17.55	17.75	38.45	PASS
Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi) 3) ERP = Conducted output power + Antenna gain (dBd)												

4. Effective (Isotropic) Radiated Power Output Data

4.1 Test Result

Test Band: 7 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.29	21.71	21.74	/	-1	20.29	20.71	20.74	33.01	PASS
		13	22.05	21.71	21.40	/	-1	21.05	20.71	20.4	33.01	PASS
		24	21.61	21.60	20.87	/	-1	20.61	20.6	19.87	33.01	PASS
	12	0	20.83	20.80	20.73	/	-1	19.83	19.8	19.73	33.01	PASS
		6	20.77	20.73	20.70	/	-1	19.77	19.73	19.7	33.01	PASS
		13	20.65	20.65	20.68	/	-1	19.65	19.65	19.68	33.01	PASS
	25	0	20.83	20.70	20.67	/	-1	19.83	19.7	19.67	33.01	PASS
16QAM	1	0	20.43	21.15	20.87	/	-1	19.43	20.15	19.87	33.01	PASS
		13	21.51	21.11	20.76	/	-1	20.51	20.11	19.76	33.01	PASS
		24	20.59	20.97	20.62	/	-1	19.59	19.97	19.62	33.01	PASS
	12	0	19.86	19.81	19.72	/	-1	18.86	18.81	18.72	33.01	PASS
		6	19.78	19.75	19.68	/	-1	18.78	18.75	18.68	33.01	PASS
		13	19.66	19.64	19.68	/	-1	18.66	18.64	18.68	33.01	PASS
	25	0	19.86	19.74	19.66	/	-1	18.86	18.74	18.66	33.01	PASS
Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)												

Test Band: 7 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.27	22.00	21.70	/	-1	20.27	21	20.7	33.01	PASS
		25	22.37	21.93	21.56	/	-1	21.37	20.93	20.56	33.01	PASS
		49	21.67	21.70	20.72	/	-1	20.67	20.7	19.72	33.01	PASS
	25	0	20.94	20.74	20.55	/	-1	19.94	19.74	19.55	33.01	PASS
		13	20.68	20.68	20.49	/	-1	19.68	19.68	19.49	33.01	PASS
		25	20.70	20.59	20.61	/	-1	19.7	19.59	19.61	33.01	PASS
	50	0	20.75	20.68	20.64	/	-1	19.75	19.68	19.64	33.01	PASS
16QAM	1	0	20.78	20.85	20.76	/	-1	19.78	19.85	19.76	33.01	PASS
		25	22.51	20.76	20.68	/	-1	21.51	19.76	19.68	33.01	PASS
		49	21.09	20.62	20.24	/	-1	20.09	19.62	19.24	33.01	PASS
	25	0	19.78	19.82	19.60	/	-1	18.78	18.82	18.6	33.01	PASS
		13	19.65	19.77	19.58	/	-1	18.65	18.77	18.58	33.01	PASS

	25	19.65	19.66	19.65	/	-1	18.65	18.66	18.65	33.01	PASS
50	0	19.77	19.71	19.65	/	-1	18.77	18.71	18.65	33.01	PASS

Note:
1) dBd = dBi - 2.15
2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 7 15MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.63	21.61	21.33	/	-1	20.63	20.61	20.33	33.01	PASS
		38	21.92	21.84	21.34	/	-1	20.92	20.84	20.34	33.01	PASS
		74	21.58	21.51	20.83	/	-1	20.58	20.51	19.83	33.01	PASS
	36	0	20.73	20.78	20.53	/	-1	19.73	19.78	19.53	33.01	PASS
		18	20.74	20.88	20.63	/	-1	19.74	19.88	19.63	33.01	PASS
		39	20.70	20.73	20.59	/	-1	19.7	19.73	19.59	33.01	PASS
	75	0	20.87	20.74	20.54	/	-1	19.87	19.74	19.54	33.01	PASS
16QAM	1	0	20.54	20.59	20.45	/	-1	19.54	19.59	19.45	33.01	PASS
		38	20.69	20.84	20.44	/	-1	19.69	19.84	19.44	33.01	PASS
		74	20.45	20.46	20.39	/	-1	19.45	19.46	19.39	33.01	PASS
	36	0	19.99	19.73	19.49	/	-1	18.99	18.73	18.49	33.01	PASS
		18	19.88	19.84	19.64	/	-1	18.88	18.84	18.64	33.01	PASS
		39	19.70	19.76	19.52	/	-1	18.7	18.76	18.52	33.01	PASS
	75	0	19.90	19.70	19.67	/	-1	18.9	18.7	18.67	33.01	PASS

Note:
1) dBd = dBi - 2.15
2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 7 20MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.48	21.60	21.32	/	-1	20.48	20.6	20.32	33.01	PASS
		50	21.59	21.97	21.31	/	-1	20.59	20.97	20.31	33.01	PASS
		99	21.31	21.44	20.75	/	-1	20.31	20.44	19.75	33.01	PASS
	50	0	20.75	20.80	20.43	/	-1	19.75	19.8	19.43	33.01	PASS
		25	20.77	20.81	20.54	/	-1	19.77	19.81	19.54	33.01	PASS
		50	20.68	20.65	20.47	/	-1	19.68	19.65	19.47	33.01	PASS
	100	0	20.75	20.68	20.60	/	-1	19.75	19.68	19.6	33.01	PASS
16QAM	1	0	20.61	20.47	20.87	/	-1	19.61	19.47	19.87	33.01	PASS
		50	20.64	20.75	20.83	/	-1	19.64	19.75	19.83	33.01	PASS
		99	20.29	20.23	20.70	/	-1	19.29	19.23	19.7	33.01	PASS
	50	0	19.80	19.79	19.51	/	-1	18.8	18.79	18.51	33.01	PASS
		25	19.69	19.80	19.58	/	-1	18.69	18.8	18.58	33.01	PASS
		50	19.61	19.62	19.57	/	-1	18.61	18.62	18.57	33.01	PASS
	100	0	19.75	19.74	19.51	/	-1	18.75	18.74	18.51	33.01	PASS

Note:
1) dBd = dBi - 2.15
2) EIRP = Conducted output power + Antenna gain (dBi)

5. Effective (Isotropic) Radiated Power Output Data

5.1 Test Result

Test Band: 12 1.4MHz Bandwidth						
Modulation	RB Allocation	Conducted Power (dBm)		Antenna gain	ERP(dBm)	Limit
						Verdict

	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH	(dBm)	
QPSK	1	0	22.13	22.19	22.21	-3.15	-1	18.98	19.04	19.06	34.77	PASS
		2	22.11	22.35	22.64	-3.15	-1	18.96	19.2	19.49	34.77	PASS
		5	22.08	22.30	22.48	-3.15	-1	18.93	19.15	19.33	34.77	PASS
	3	0	22.11	22.22	22.39	-3.15	-1	18.96	19.07	19.24	34.77	PASS
		2	22.09	22.29	22.48	-3.15	-1	18.94	19.14	19.33	34.77	PASS
		3	22.06	22.21	22.38	-3.15	-1	18.91	19.06	19.23	34.77	PASS
	6	0	21.13	21.31	21.55	-3.15	-1	17.98	18.16	18.4	34.77	PASS
21.25	21.45		21.15	-3.15	-1	18.1	18.3	18	34.77	PASS		
16QAM	1	2	21.25	21.64	21.56	-3.15	-1	18.1	18.49	18.41	34.77	PASS
		5	21.25	21.54	21.43	-3.15	-1	18.1	18.39	18.28	34.77	PASS
		3	0	21.21	21.25	21.33	-3.15	-1	18.06	18.1	18.18	34.77
	2		21.18	21.26	21.46	-3.15	-1	18.03	18.11	18.31	34.77	PASS
	3		21.14	21.25	21.35	-3.15	-1	17.99	18.1	18.2	34.77	PASS
	6	0	20.22	20.36	20.59	-3.15	-1	17.07	17.21	17.44	34.77	PASS
	Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi) 3) ERP = Conducted output power + Antenna gain (dBd)											

Test Band: 12 3MHz Bandwidth													
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict	
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH			
QPSK	1	0	22.22	22.18	22.27	-3.15	-1	19.07	19.03	19.12	34.77	PASS	
		7	22.25	22.40	22.58	-3.15	-1	19.1	19.25	19.43	34.77	PASS	
		14	22.19	22.30	22.46	-3.15	-1	19.04	19.15	19.31	34.77	PASS	
	8	0	21.24	21.27	21.53	-3.15	-1	18.09	18.12	18.38	34.77	PASS	
		4	21.17	21.35	21.58	-3.15	-1	18.02	18.2	18.43	34.77	PASS	
		7	21.14	21.29	21.48	-3.15	-1	17.99	18.14	18.33	34.77	PASS	
	15	0	21.19	21.33	21.60	-3.15	-1	18.04	18.18	18.45	34.77	PASS	
			21.59	21.17	21.25	-3.15	-1	18.44	18.02	18.1	34.77	PASS	
16QAM	1	7	21.54	21.38	21.63	-3.15	-1	18.39	18.23	18.48	34.77	PASS	
		14	21.43	21.28	21.47	-3.15	-1	18.28	18.13	18.32	34.77	PASS	
		0	20.28	20.31	20.56	-3.15	-1	17.13	17.16	17.41	34.77	PASS	
	8	4	20.29	20.27	20.57	-3.15	-1	17.14	17.12	17.42	34.77	PASS	
		7	20.19	20.30	20.50	-3.15	-1	17.04	17.15	17.35	34.77	PASS	
		0	20.21	20.35	20.49	-3.15	-1	17.06	17.2	17.34	34.77	PASS	
	Note:												
	1) dBd = dBi - 2.15												
2) EIRP = Conducted output power + Antenna gain (dBi)													
3) ERP = Conducted output power + Antenna gain (dBd)													

Test Band: 12 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.22	22.19	22.30	-3.15	-1	19.07	19.04	19.15	34.77	PASS
		13	22.28	22.29	22.40	-3.15	-1	19.13	19.14	19.25	34.77	PASS
		24	22.30	22.36	22.35	-3.15	-1	19.15	19.21	19.2	34.77	PASS
	12	0	21.27	21.41	21.47	-3.15	-1	18.12	18.26	18.32	34.77	PASS
		6	21.31	21.38	21.54	-3.15	-1	18.16	18.23	18.39	34.77	PASS
		13	21.36	21.39	21.44	-3.15	-1	18.21	18.24	18.29	34.77	PASS
16QAM	25	0	21.34	21.41	21.48	-3.15	-1	18.19	18.26	18.33	34.77	PASS
			21.33	21.47	21.39	-3.15	-1	18.18	18.32	18.24	34.77	PASS
			21.42	21.74	21.57	-3.15	-1	18.27	18.59	18.42	34.77	PASS
	1	24	21.33	21.71	21.47	-3.15	-1	18.18	18.56	18.32	34.77	PASS
		0	20.35	20.37	20.49	-3.15	-1	17.2	17.22	17.34	34.77	PASS
		6	20.35	20.34	20.53	-3.15	-1	17.2	17.19	17.38	34.77	PASS

Test Band: 13 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	/	22.76	/	-3.15	-1	/	19.61	/	34.77	PASS
		25	/	22.29	/	-3.15	-1	/	19.14	/	34.77	PASS
		49	/	22.54	/	-3.15	-1	/	19.39	/	34.77	PASS
	25	0	/	21.50	/	-3.15	-1	/	18.35	/	34.77	PASS
		13	/	21.60	/	-3.15	-1	/	18.45	/	34.77	PASS
		25	/	21.55	/	-3.15	-1	/	18.4	/	34.77	PASS
16QAM	1	0	/	21.71	/	-3.15	-1	/	18.56	/	34.77	PASS
		25	/	21.80	/	-3.15	-1	/	18.65	/	34.77	PASS
		49	/	21.41	/	-3.15	-1	/	18.26	/	34.77	PASS
	25	0	/	21.69	/	-3.15	-1	/	18.54	/	34.77	PASS
		0	/	20.59	/	-3.15	-1	/	17.44	/	34.77	PASS
		13	/	20.62	/	-3.15	-1	/	17.47	/	34.77	PASS
		25	/	20.62	/	-3.15	-1	/	17.47	/	34.77	PASS
	50	0	/	20.71	/	-3.15	-1	/	17.56	/	34.77	PASS
		0	/	21.80	/	-3.15	-1	/	18.65	/	34.77	PASS

Note:
1) dBd = dBi - 2.15
2) EIRP = Conducted output power + Antenna gain (dBi)
3) ERP = Conducted output power + Antenna gain (dBd)

7. Effective (Isotropic) Radiated Power Output Data

7.1 Test Result

Test Band: 14 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.35	22.36	22.35	-3.15	-1	19.2	19.21	19.2	34.77	PASS
		13	22.46	22.51	22.68	-3.15	-1	19.31	19.36	19.53	34.77	PASS
		24	22.40	22.49	22.46	-3.15	-1	19.25	19.34	19.31	34.77	PASS
	12	0	21.40	21.53	21.78	-3.15	-1	18.25	18.38	18.63	34.77	PASS
		6	21.28	21.46	21.73	-3.15	-1	18.13	18.31	18.58	34.77	PASS
		13	21.31	21.49	21.70	-3.15	-1	18.16	18.34	18.55	34.77	PASS
16QAM	25	0	21.33	21.50	21.72	-3.15	-1	18.18	18.35	18.57	34.77	PASS
		25	21.37	21.78	21.45	-3.15	-1	18.22	18.63	18.3	34.77	PASS
		13	21.48	21.92	21.85	-3.15	-1	18.33	18.77	18.7	34.77	PASS
	1	0	21.36	21.89	21.67	-3.15	-1	18.21	18.74	18.52	34.77	PASS
		0	20.44	20.53	20.81	-3.15	-1	17.29	17.38	17.66	34.77	PASS
		6	20.39	20.50	20.67	-3.15	-1	17.24	17.35	17.52	34.77	PASS
	12	0	20.37	20.50	20.72	-3.15	-1	17.22	17.35	17.57	34.77	PASS
		6	20.39	20.50	20.67	-3.15	-1	17.24	17.35	17.52	34.77	PASS
		13	20.37	20.50	20.72	-3.15	-1	17.22	17.35	17.57	34.77	PASS
	25	0	20.47	20.49	20.66	-3.15	-1	17.32	17.34	17.51	34.77	PASS

Note:
1) dBd = dBi - 2.15
2) EIRP = Conducted output power + Antenna gain (dBi)
3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 14 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	/	22.80	/	-3.15	-1	/	19.65	/	34.77	PASS
		25	/	23.38	/	-3.15	-1	/	20.23	/	34.77	PASS
		49	/	21.84	/	-3.15	-1	/	18.69	/	34.77	PASS
	25	0	/	21.54	/	-3.15	-1	/	18.39	/	34.77	PASS
		13	/	21.48	/	-3.15	-1	/	18.33	/	34.77	PASS

Test Band: 17 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.60	22.61	22.58	-3.15	-1	19.45	19.46	19.43	34.77	PASS
		25	22.76	22.67	22.44	-3.15	-1	19.61	19.52	19.29	34.77	PASS
		49	22.59	22.52	22.36	-3.15	-1	19.44	19.37	19.21	34.77	PASS
	25	0	21.51	21.47	21.46	-3.15	-1	18.36	18.32	18.31	34.77	PASS
		13	21.45	21.39	21.36	-3.15	-1	18.3	18.24	18.21	34.77	PASS
		25	21.35	21.42	21.42	-3.15	-1	18.2	18.27	18.27	34.77	PASS
	50	0	21.46	21.36	21.38	-3.15	-1	18.31	18.21	18.23	34.77	PASS
16QAM	1		21.76	21.37	21.66	-3.15	-1	18.61	18.22	18.51	34.77	PASS
		25	21.90	21.64	21.73	-3.15	-1	18.75	18.49	18.58	34.77	PASS
		49	21.84	21.33	21.51	-3.15	-1	18.69	18.18	18.36	34.77	PASS
	25	0	20.43	20.50	20.47	-3.15	-1	17.28	17.35	17.32	34.77	PASS
		13	20.41	20.42	20.37	-3.15	-1	17.26	17.27	17.22	34.77	PASS
		25	20.32	20.48	20.47	-3.15	-1	17.17	17.33	17.32	34.77	PASS

	50	0	20.40	20.32	20.40	-3.15	-1	17.25	17.17	17.25	34.77	PASS
Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi) 3) ERP = Conducted output power + Antenna gain (dBd)												

9. Effective (Isotropic) Radiated Power Output Data

9.1 Test Result

Test Band: 25 1.4MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.25	22.00	22.29	/	-1	21.25	21	21.29	33.01	PASS
		2	22.33	21.88	22.29	/	-1	21.33	20.88	21.29	33.01	PASS
		5	22.19	21.76	22.27	/	-1	21.19	20.76	21.27	33.01	PASS
	3	0	22.21	21.80	22.28	/	-1	21.21	20.8	21.28	33.01	PASS
		2	22.24	21.80	22.27	/	-1	21.24	20.8	21.27	33.01	PASS
		3	22.24	21.77	22.34	/	-1	21.24	20.77	21.34	33.01	PASS
16QAM	6	0	21.14	20.83	21.21	/	-1	20.14	19.83	20.21	33.01	PASS
			21.46	20.97	21.32	/	-1	20.46	19.97	20.32	33.01	PASS
		1	2	21.59	20.91	21.33	/	-1	20.59	19.91	20.33	33.01
	5		21.37	20.75	21.31	/	-1	20.37	19.75	20.31	33.01	PASS
	3		0	21.11	20.68	21.35	/	-1	20.11	19.68	20.35	33.01
		2	21.24	20.74	21.30	/	-1	20.24	19.74	20.3	33.01	PASS
		3	21.13	20.66	21.35	/	-1	20.13	19.66	20.35	33.01	PASS
	6	0	20.18	19.83	20.30	/	-1	19.18	18.83	19.3	33.01	PASS
	Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)											

Test Band: 25 3MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.31	22.05	22.28	/	-1	21.31	21.05	21.28	33.01	PASS
		7	22.30	22.00	22.30	/	-1	21.3	21	21.3	33.01	PASS
		14	22.29	21.82	22.28	/	-1	21.29	20.82	21.28	33.01	PASS
	8	0	21.25	20.85	21.37	/	-1	20.25	19.85	20.37	33.01	PASS
		4	21.18	20.83	21.45	/	-1	20.18	19.83	20.45	33.01	PASS
		7	21.16	20.83	21.37	/	-1	20.16	19.83	20.37	33.01	PASS
	15	0	21.14	20.82	21.31	/	-1	20.14	19.82	20.31	33.01	PASS
	21.55		21.03	21.29	/	-1	20.55	20.03	20.29	33.01	PASS	
	21.56		20.88	21.28	/	-1	20.56	19.88	20.28	33.01	PASS	
16QAM	1	14	21.51	20.78	21.25	/	-1	20.51	19.78	20.25	33.01	PASS
		0	20.26	19.84	20.30	/	-1	19.26	18.84	19.3	33.01	PASS
		4	20.21	19.84	20.30	/	-1	19.21	18.84	19.3	33.01	PASS
	8	7	20.24	19.76	20.31	/	-1	19.24	18.76	19.31	33.01	PASS
		15	0	20.15	19.90	20.15	/	-1	19.15	18.9	19.15	33.01
	Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)											

Test Band: 25 5MHz Bandwidth						
Modulation	RB Allocation	Conducted Power (dBm)		Antenna gain		EIRP(dBm)
						Limit
						Verdict

	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH	(dBm)	
QPSK	1	0	22.31	22.28	22.46	/	-1	21.31	21.28	21.46	33.01	PASS
		13	22.21	21.94	22.30	/	-1	21.21	20.94	21.3	33.01	PASS
		24	22.15	21.83	22.22	/	-1	21.15	20.83	21.22	33.01	PASS
	12	0	21.12	20.88	21.38	/	-1	20.12	19.88	20.38	33.01	PASS
		6	21.09	20.89	21.30	/	-1	20.09	19.89	20.3	33.01	PASS
		13	21.06	20.79	21.25	/	-1	20.06	19.79	20.25	33.01	PASS
16QAM	25	0	21.04	20.86	21.36	/	-1	20.04	19.86	20.36	33.01	PASS
		0	21.25	21.59	21.53	/	-1	20.25	20.59	20.53	33.01	PASS
		13	21.28	21.30	21.41	/	-1	20.28	20.3	20.41	33.01	PASS
	1	24	21.19	21.16	21.34	/	-1	20.19	20.16	20.34	33.01	PASS
		0	20.11	19.88	20.42	/	-1	19.11	18.88	19.42	33.01	PASS
		6	20.21	19.83	20.33	/	-1	19.21	18.83	19.33	33.01	PASS
	12	13	20.14	19.82	20.30	/	-1	19.14	18.82	19.3	33.01	PASS
		0	20.11	19.88	20.50	/	-1	19.11	18.88	19.5	33.01	PASS
		0	20.11	19.88	20.50	/	-1	19.11	18.88	19.5	33.01	PASS

Note:
1) dBd = dBi - 2.15
2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 25 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.54	22.33	22.35	/	-1	21.54	21.33	21.35	33.01	PASS
		25	22.25	21.93	22.55	/	-1	21.25	20.93	21.55	33.01	PASS
		49	22.40	22.00	22.04	/	-1	21.4	21	21.04	33.01	PASS
	25	0	21.14	20.88	21.35	/	-1	20.14	19.88	20.35	33.01	PASS
		13	21.21	20.88	21.36	/	-1	20.21	19.88	20.36	33.01	PASS
		25	21.16	20.83	21.39	/	-1	20.16	19.83	20.39	33.01	PASS
16QAM	50	0	21.15	20.89	21.40	/	-1	20.15	19.89	20.4	33.01	PASS
		0	21.72	21.28	21.57	/	-1	20.72	20.28	20.57	33.01	PASS
		25	21.53	20.88	21.24	/	-1	20.53	19.88	20.24	33.01	PASS
	1	49	21.67	20.99	21.09	/	-1	20.67	19.99	20.09	33.01	PASS
		0	20.05	19.91	20.36	/	-1	19.05	18.91	19.36	33.01	PASS
		13	20.27	19.90	20.42	/	-1	19.27	18.9	19.42	33.01	PASS
	25	25	20.21	19.89	20.44	/	-1	19.21	18.89	19.44	33.01	PASS
		0	20.12	19.91	20.39	/	-1	19.12	18.91	19.39	33.01	PASS
		0	20.12	19.91	20.39	/	-1	19.12	18.91	19.39	33.01	PASS

Note:
1) dBd = dBi - 2.15
2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 25 15MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.17	22.19	22.23	/	-1	21.17	21.19	21.23	33.01	PASS
		38	22.13	22.03	22.48	/	-1	21.13	21.03	21.48	33.01	PASS
		74	22.10	22.03	22.17	/	-1	21.1	21.03	21.17	33.01	PASS
	36	0	21.15	21.21	21.56	/	-1	20.15	20.21	20.56	33.01	PASS
		18	21.31	21.06	21.53	/	-1	20.31	20.06	20.53	33.01	PASS
		39	21.28	21.04	21.72	/	-1	20.28	20.04	20.72	33.01	PASS
16QAM	75	0	21.23	21.07	21.56	/	-1	20.23	20.07	20.56	33.01	PASS
		0	21.23	21.17	21.54	/	-1	20.23	20.17	20.54	33.01	PASS
		38	21.15	21.06	21.50	/	-1	20.15	20.06	20.5	33.01	PASS
	1	74	21.11	20.97	21.16	/	-1	20.11	19.97	20.16	33.01	PASS
		0	20.20	20.26	20.60	/	-1	19.2	19.26	19.6	33.01	PASS
		18	20.34	20.12	20.53	/	-1	19.34	19.12	19.53	33.01	PASS
	36	39	20.25	20.11	20.65	/	-1	19.25	19.11	19.65	33.01	PASS
		0	20.24	20.12	20.72	/	-1	19.24	19.12	19.72	33.01	PASS
		0	20.24	20.12	20.72	/	-1	19.24	19.12	19.72	33.01	PASS

Note:

1) dBd = dBi - 2.15

2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 25 20MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.06	22.25	22.40	/	-1	21.06	21.25	21.4	33.01	PASS
		50	22.25	22.16	22.44	/	-1	21.25	21.16	21.44	33.01	PASS
		99	21.77	21.61	22.05	/	-1	20.77	20.61	21.05	33.01	PASS
	50	0	21.08	21.04	21.38	/	-1	20.08	20.04	20.38	33.01	PASS
		25	21.18	21.03	21.44	/	-1	20.18	20.03	20.44	33.01	PASS
		50	21.23	20.99	21.48	/	-1	20.23	19.99	20.48	33.01	PASS
	100	0	21.15	21.03	21.59	/	-1	20.15	20.03	20.59	33.01	PASS
			21.18	20.94	21.44	/	-1	20.18	19.94	20.44	33.01	PASS
			21.31	20.84	21.68	/	-1	20.31	19.84	20.68	33.01	PASS
16QAM	1	0	21.31	20.84	21.68	/	-1	20.31	19.84	20.68	33.01	PASS
		50	20.82	20.45	21.46	/	-1	19.82	19.45	20.46	33.01	PASS
		99	20.09	20.02	20.44	/	-1	19.09	19.02	19.44	33.01	PASS
	50	0	20.09	20.02	20.44	/	-1	19.09	19.02	19.44	33.01	PASS
		25	20.13	19.98	20.41	/	-1	19.13	18.98	19.41	33.01	PASS
		50	20.18	19.98	20.56	/	-1	19.18	18.98	19.56	33.01	PASS
	100	0	20.21	20.04	20.50	/	-1	19.21	19.04	19.5	33.01	PASS

Note:
1) dBd = dBi - 2.15
2) EIRP = Conducted output power + Antenna gain (dBi)

10. Effective (Isotropic) Radiated Power Output Data

10.1 Test Result

Test Band: 26a(814MHz-824MHz) _ 1.4MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.28	22.28	22.26	-3.15	-1	19.13	19.13	19.11	50.00	PASS
		2	22.50	22.36	22.36	-3.15	-1	19.35	19.21	19.21	50.00	PASS
		5	22.34	22.27	22.26	-3.15	-1	19.19	19.12	19.11	50.00	PASS
	3	0	22.26	22.23	22.35	-3.15	-1	19.11	19.08	19.2	50.00	PASS
		2	22.33	22.27	22.39	-3.15	-1	19.18	19.12	19.24	50.00	PASS
		3	22.34	22.21	22.27	-3.15	-1	19.19	19.06	19.12	50.00	PASS
	6	0	21.33	21.25	21.23	-3.15	-1	18.18	18.1	18.08	50.00	PASS
			21.73	21.19	21.24	-3.15	-1	18.58	18.04	18.09	50.00	PASS
			21.91	21.27	21.27	-3.15	-1	18.76	18.12	18.12	50.00	PASS
16QAM	1	0	21.74	21.22	21.22	-3.15	-1	18.59	18.07	18.07	50.00	PASS
		2	21.39	21.11	21.49	-3.15	-1	18.24	17.96	18.34	50.00	PASS
		3	21.49	21.19	21.50	-3.15	-1	18.34	18.04	18.35	50.00	PASS
	3	0	21.39	21.11	21.49	-3.15	-1	18.24	17.96	18.34	50.00	PASS
		2	21.49	21.19	21.50	-3.15	-1	18.34	18.04	18.35	50.00	PASS
		3	21.40	21.15	21.40	-3.15	-1	18.25	18	18.25	50.00	PASS
	6	0	20.31	20.32	20.26	-3.15	-1	17.16	17.17	17.11	50.00	PASS

Note:
1) dBd = dBi - 2.15
2) EIRP = Conducted output power + Antenna gain (dBi)
3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 26a(814MHz-824MHz) _ 3MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		

QPSK	1	0	22.30	22.30	22.29	-3.15	-1	19.15	19.15	19.14	50.00	PASS
		7	22.43	22.52	22.15	-3.15	-1	19.28	19.37	19	50.00	PASS
		14	22.36	22.38	22.17	-3.15	-1	19.21	19.23	19.02	50.00	PASS
	8	0	21.36	21.31	21.39	-3.15	-1	18.21	18.16	18.24	50.00	PASS
		4	21.41	21.35	21.40	-3.15	-1	18.26	18.2	18.25	50.00	PASS
		7	21.40	21.36	21.35	-3.15	-1	18.25	18.21	18.2	50.00	PASS
	15	0	21.32	21.33	21.31	-3.15	-1	18.17	18.18	18.16	50.00	PASS
		7	21.74	21.21	21.33	-3.15	-1	18.59	18.06	18.18	50.00	PASS
		14	21.77	21.25	21.24	-3.15	-1	18.62	18.1	18.09	50.00	PASS
16QAM	1	0	20.41	20.29	20.29	-3.15	-1	17.26	17.14	17.14	50.00	PASS
		4	20.47	20.35	20.30	-3.15	-1	17.32	17.2	17.15	50.00	PASS
		7	20.46	20.31	20.29	-3.15	-1	17.31	17.16	17.14	50.00	PASS
	8	0	20.36	20.34	20.27	-3.15	-1	17.21	17.19	17.12	50.00	PASS
		7	21.81	21.26	21.20	-3.15	-1	18.66	18.11	18.05	50.00	PASS
		14	21.77	21.25	21.24	-3.15	-1	18.62	18.1	18.09	50.00	PASS
	15	0	20.41	20.29	20.29	-3.15	-1	17.26	17.14	17.14	50.00	PASS
		4	20.47	20.35	20.30	-3.15	-1	17.32	17.2	17.15	50.00	PASS
		7	20.46	20.31	20.29	-3.15	-1	17.31	17.16	17.14	50.00	PASS

Note:
1) dBd = dBi - 2.15
2) EIRP = Conducted output power + Antenna gain (dBi)
3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 26a(814MHz-824MHz) 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.37	22.25	22.42	-3.15	-1	19.22	19.1	19.27	50.00	PASS
		13	22.41	22.31	22.42	-3.15	-1	19.26	19.16	19.27	50.00	PASS
		24	22.33	22.34	22.32	-3.15	-1	19.18	19.19	19.17	50.00	PASS
	12	0	21.39	21.35	21.41	-3.15	-1	18.24	18.2	18.26	50.00	PASS
		6	21.40	21.36	21.46	-3.15	-1	18.25	18.21	18.31	50.00	PASS
		13	21.40	21.33	21.32	-3.15	-1	18.25	18.18	18.17	50.00	PASS
	25	0	21.36	21.41	21.42	-3.15	-1	18.21	18.26	18.27	50.00	PASS
		13	21.26	21.81	21.50	-3.15	-1	18.11	18.66	18.35	50.00	PASS
		24	21.27	21.96	21.38	-3.15	-1	18.12	18.81	18.23	50.00	PASS
16QAM	1	0	20.49	20.39	20.40	-3.15	-1	17.34	17.24	17.25	50.00	PASS
		6	20.44	20.38	20.41	-3.15	-1	17.29	17.23	17.26	50.00	PASS
		13	20.47	20.37	20.33	-3.15	-1	17.32	17.22	17.18	50.00	PASS
	12	0	20.45	20.36	20.42	-3.15	-1	17.3	17.21	17.27	50.00	PASS
		6	20.44	20.38	20.41	-3.15	-1	17.29	17.23	17.26	50.00	PASS
		13	20.47	20.37	20.33	-3.15	-1	17.32	17.22	17.18	50.00	PASS
	25	0	20.45	20.36	20.42	-3.15	-1	17.3	17.21	17.27	50.00	PASS
		6	20.44	20.38	20.41	-3.15	-1	17.29	17.23	17.26	50.00	PASS
		13	20.47	20.37	20.33	-3.15	-1	17.32	17.22	17.18	50.00	PASS

Note:
1) dBd = dBi - 2.15
2) EIRP = Conducted output power + Antenna gain (dBi)
3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 26a(814MHz-824MHz) 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	/	22.53	/	-3.15	-1	/	19.38	/	50.00	PASS
		25	/	22.18	/	-3.15	-1	/	19.03	/	50.00	PASS
		49	/	22.35	/	-3.15	-1	/	19.2	/	50.00	PASS
	25	0	/	21.27	/	-3.15	-1	/	18.12	/	50.00	PASS
		13	/	21.28	/	-3.15	-1	/	18.13	/	50.00	PASS
		25	/	21.45	/	-3.15	-1	/	18.3	/	50.00	PASS
	50	0	/	21.40	/	-3.15	-1	/	18.25	/	50.00	PASS
		13	/	21.59	/	-3.15	-1	/	18.44	/	50.00	PASS
		25	/	21.52	/	-3.15	-1	/	18.37	/	50.00	PASS
16QAM	1	0	/	20.36	/	-3.15	-1	/	17.21	/	50.00	PASS
		13	/	20.37	/	-3.15	-1	/	17.22	/	50.00	PASS
		25	/	20.44	/	-3.15	-1	/	17.29	/	50.00	PASS
	25	0	/	20.36	/	-3.15	-1	/	17.21	/	50.00	PASS
		13	/	20.37	/	-3.15	-1	/	17.22	/	50.00	PASS

Note:

$$1) \text{ dBd} = \text{dBi} - 2.15$$

2) EIRP = Conducted output power + Antenna gain (dBi)

3) ERP = Conducted output power + Antenna gain (dBd)

11.1 Test Result

Note:

$$1) \text{ dBd} = \text{dBi} - 2.15$$

2) EIRP = Conducted output power + Antenna gain (dBi)

3) ERP = Conducted output power + Antenna gain (dBd)

Note:

$$1) \text{ dBd} = \text{dBi} - 2.15$$

2) EIRP = Conducted output power + Antenna gain (dBi)

3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 26b(824MHz-849MHz) 5MHz Bandwidth

Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.35	22.25	22.28	-3.15	-1	19.2	19.1	19.13	38.45	PASS
		13	22.35	22.68	22.73	-3.15	-1	19.2	19.53	19.58	38.45	PASS
		24	22.37	22.63	22.71	-3.15	-1	19.22	19.48	19.56	38.45	PASS
	12	0	21.52	21.70	21.86	-3.15	-1	18.37	18.55	18.71	38.45	PASS
		6	21.36	21.70	21.75	-3.15	-1	18.21	18.55	18.6	38.45	PASS
		13	21.37	21.61	21.81	-3.15	-1	18.22	18.46	18.66	38.45	PASS
16QAM	1	0	21.37	21.70	21.74	-3.15	-1	18.22	18.55	18.59	38.45	PASS
			21.17	21.78	21.31	-3.15	-1	18.02	18.63	18.16	38.45	PASS
		13	21.22	22.24	21.81	-3.15	-1	18.07	19.09	18.66	38.45	PASS
	12	24	21.23	22.26	21.76	-3.15	-1	18.08	19.11	18.61	38.45	PASS
		0	20.59	20.79	20.88	-3.15	-1	17.44	17.64	17.73	38.45	PASS
		6	20.46	20.77	20.79	-3.15	-1	17.31	17.62	17.64	38.45	PASS
	25	13	20.45	20.64	20.79	-3.15	-1	17.3	17.49	17.64	38.45	PASS
		0	20.54	20.70	20.81	-3.15	-1	17.39	17.55	17.66	38.45	PASS

Note:
1) dBd = dBi - 2.15
2) EIRP = Conducted output power + Antenna gain (dBi)
3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 26b(824MHz-849MHz) 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.67	22.67	22.64	-3.15	-1	19.52	19.52	19.49	38.45	PASS
		25	22.58	22.72	22.95	-3.15	-1	19.43	19.57	19.8	38.45	PASS
		49	22.56	22.86	22.87	-3.15	-1	19.41	19.71	19.72	38.45	PASS
	25	0	21.41	21.83	21.90	-3.15	-1	18.26	18.68	18.75	38.45	PASS
		13	21.39	21.77	21.80	-3.15	-1	18.24	18.62	18.65	38.45	PASS
		25	21.40	21.75	21.83	-3.15	-1	18.25	18.6	18.68	38.45	PASS
16QAM	1	0	21.41	21.77	21.84	-3.15	-1	18.26	18.62	18.69	38.45	PASS
			22.13	21.45	21.56	-3.15	-1	18.98	18.3	18.41	38.45	PASS
		25	21.90	21.62	21.65	-3.15	-1	18.75	18.47	18.5	38.45	PASS
	25	49	21.98	21.70	21.57	-3.15	-1	18.83	18.55	18.42	38.45	PASS
		0	20.44	20.91	20.94	-3.15	-1	17.29	17.76	17.79	38.45	PASS
		13	20.43	20.86	20.89	-3.15	-1	17.28	17.71	17.74	38.45	PASS
	50	25	20.33	20.79	20.87	-3.15	-1	17.18	17.64	17.72	38.45	PASS
		0	20.44	20.80	20.90	-3.15	-1	17.29	17.65	17.75	38.45	PASS

Note:
1) dBd = dBi - 2.15
2) EIRP = Conducted output power + Antenna gain (dBi)
3) ERP = Conducted output power + Antenna gain (dBd)

12. Effective (Isotropic) Radiated Power Output Data

12.1 Test Result

Test Band: 26c(814MHz-849MHz) 15MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.53	23.01	22.38	-3.15	-1	19.38	19.86	19.23	38.45	PASS
		38	22.40	22.63	22.59	-3.15	-1	19.25	19.48	19.44	38.45	PASS
		74	22.70	22.91	22.77	-3.15	-1	19.55	19.76	19.62	38.45	PASS
	36	0	21.64	21.85	22.07	-3.15	-1	18.49	18.7	18.92	38.45	PASS
		18	21.53	21.70	21.88	-3.15	-1	18.38	18.55	18.73	38.45	PASS
		39	21.48	21.56	21.68	-3.15	-1	18.33	18.41	18.53	38.45	PASS

	75	0	21.45	21.66	21.92	-3.15	-1	18.3	18.51	18.77	38.45	PASS
16QAM	1		21.35	21.43	21.47	-3.15	-1	18.2	18.28	18.32	38.45	PASS
		38	21.19	21.53	21.67	-3.15	-1	18.04	18.38	18.52	38.45	PASS
		74	21.54	21.78	21.76	-3.15	-1	18.39	18.63	18.61	38.45	PASS
		0	20.86	20.92	21.15	-3.15	-1	17.71	17.77	18	38.45	PASS
	36	18	20.49	20.62	20.90	-3.15	-1	17.34	17.47	17.75	38.45	PASS
		39	20.21	20.48	20.62	-3.15	-1	17.06	17.33	17.47	38.45	PASS
		75	0	20.57	20.65	21.00	-3.15	-1	17.42	17.5	17.85	38.45
Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi) 3) ERP = Conducted output power + Antenna gain (dBd)												

$$1) \text{ dBd} = \text{dBi} - 2.15$$

2) EIRP = Conducted output power + Antenna gain (dBi)

3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 41 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.14	21.64	22.39	/	-1	21.14	20.64	21.39	33.01	PASS
		13	21.82	21.58	22.33	/	-1	20.82	20.58	21.33	33.01	PASS
		24	21.41	21.57	22.34	/	-1	20.41	20.57	21.34	33.01	PASS
	12	0	21.12	20.81	21.20	/	-1	20.12	19.81	20.2	33.01	PASS
		6	20.66	20.96	21.38	/	-1	19.66	19.96	20.38	33.01	PASS
		13	20.73	20.86	21.15	/	-1	19.73	19.86	20.15	33.01	PASS
	25	0	20.95	20.76	21.33	/	-1	19.95	19.76	20.33	33.01	PASS
	21.24		20.99	21.43	/	-1	20.24	19.99	20.43	33.01	PASS	
16QAM	1	13	20.71	20.98	21.42	/	-1	19.71	19.98	20.42	33.01	PASS
		24	20.67	20.87	21.29	/	-1	19.67	19.87	20.29	33.01	PASS
		0	19.91	19.82	20.14	/	-1	18.91	18.82	19.14	33.01	PASS
	12	6	19.96	19.91	20.20	/	-1	18.96	18.91	19.2	33.01	PASS
		13	19.59	19.83	20.22	/	-1	18.59	18.83	19.22	33.01	PASS
		25	0	19.74	19.91	20.16	/	-1	18.74	18.91	19.16	33.01

Note:
1) dBd = dBi - 2.15
2) EIRP = Conducted output power + Antenna gain (dBi)

$$1) \text{ dBd} = \text{dBi} - 2.15$$

2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 41 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.89	21.54	22.00	/	-1	20.89	20.54	21	33.01	PASS
		25	21.47	21.70	22.25	/	-1	20.47	20.7	21.25	33.01	PASS
		49	21.45	21.78	21.87	/	-1	20.45	20.78	20.87	33.01	PASS
	25	0	20.76	20.67	21.14	/	-1	19.76	19.67	20.14	33.01	PASS
		13	20.75	20.75	21.39	/	-1	19.75	19.75	20.39	33.01	PASS
		25	20.47	20.85	21.36	/	-1	19.47	19.85	20.36	33.01	PASS
	50	0	20.45	20.88	21.30	/	-1	19.45	19.88	20.3	33.01	PASS
	16QAM	1		20.67	20.59	21.18	/	-1	19.67	19.59	20.18	33.01
25			20.71	20.70	21.09	/	-1	19.71	19.7	20.09	33.01	PASS
49			20.05	20.75	21.01	/	-1	19.05	19.75	20.01	33.01	PASS
25		0	19.88	19.88	20.24	/	-1	18.88	18.88	19.24	33.01	PASS
		13	19.81	20.00	20.38	/	-1	18.81	19	19.38	33.01	PASS
		25	19.75	19.79	20.34	/	-1	18.75	18.79	19.34	33.01	PASS
50		0	19.71	19.91	20.11	/	-1	18.71	18.91	19.11	33.01	PASS
Note:												

- 1) dBd = dBi - 2.15
 2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 41 15MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.67	20.99	21.47	/	-1	20.67	19.99	20.47	33.01	PASS
		38	21.64	21.55	21.67	/	-1	20.64	20.55	20.67	33.01	PASS
		74	21.05	21.01	21.14	/	-1	20.05	20.01	20.14	33.01	PASS
	36	0	20.41	20.47	21.00	/	-1	19.41	19.47	20	33.01	PASS
		18	20.50	20.53	21.13	/	-1	19.5	19.53	20.13	33.01	PASS
		39	20.47	20.69	21.11	/	-1	19.47	19.69	20.11	33.01	PASS
	75	0	20.61	20.58	21.02	/	-1	19.61	19.58	20.02	33.01	PASS
			20.64	19.77	20.59	/	-1	19.64	18.77	19.59	33.01	PASS
		38	20.48	20.43	20.63	/	-1	19.48	19.43	19.63	33.01	PASS
16QAM	1	74	19.79	19.86	20.22	/	-1	18.79	18.86	19.22	33.01	PASS
		0	19.39	19.48	19.86	/	-1	18.39	18.48	18.86	33.01	PASS
		38	19.44	19.70	20.09	/	-1	18.44	18.7	19.09	33.01	PASS
	36	39	19.44	19.59	20.10	/	-1	18.44	18.59	19.1	33.01	PASS
		0	19.66	19.61	20.05	/	-1	18.66	18.61	19.05	33.01	PASS
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Note:
 1) dBd = dBi - 2.15
 2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 41 20MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.73	21.13	21.27	/	-1	20.73	20.13	20.27	33.01	PASS
		50	21.43	21.46	21.69	/	-1	20.43	20.46	20.69	33.01	PASS
		99	21.00	20.90	21.23	/	-1	20	19.9	20.23	33.01	PASS
	50	0	20.42	20.63	20.84	/	-1	19.42	19.63	19.84	33.01	PASS
		25	20.63	20.68	21.10	/	-1	19.63	19.68	20.1	33.01	PASS
		50	20.27	20.45	20.83	/	-1	19.27	19.45	19.83	33.01	PASS
	100	0	20.25	20.43	20.68	/	-1	19.25	19.43	19.68	33.01	PASS
			20.77	20.32	20.47	/	-1	19.77	19.32	19.47	33.01	PASS
		50	20.59	20.76	20.81	/	-1	19.59	19.76	19.81	33.01	PASS
16QAM	1	99	20.22	20.01	20.59	/	-1	19.22	19.01	19.59	33.01	PASS
		0	19.45	19.44	19.92	/	-1	18.45	18.44	18.92	33.01	PASS
		25	19.44	19.77	20.22	/	-1	18.44	18.77	19.22	33.01	PASS
	50	50	19.34	19.31	20.09	/	-1	18.34	18.31	19.09	33.01	PASS
		0	19.44	19.31	19.79	/	-1	18.44	18.31	18.79	33.01	PASS
	100											

Note:
 1) dBd = dBi - 2.15
 2) EIRP = Conducted output power + Antenna gain (dBi)