

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	21.54	21.47	21.38	/	1.00	22.54	22.47	22.38	33.01	PASS
		2	21.67	21.57	21.48	/	1.00	22.67	22.57	22.48	33.01	PASS
		5	21.52	21.47	21.37	/	1.00	22.52	22.47	22.37	33.01	PASS
	3	0	21.67	21.59	21.55	/	1.00	22.67	22.59	22.55	33.01	PASS
		2	21.69	21.59	21.51	/	1.00	22.69	22.59	22.51	33.01	PASS
		3	21.70	21.57	21.46	/	1.00	22.70	22.57	22.46	33.01	PASS
	6	0	20.59	20.53	20.48	/	1.00	21.59	21.53	21.48	33.01	PASS
20.58	20.61		20.38	/	1.00	21.58	21.61	21.38	33.01	PASS		
16QAM	1	2	20.71	20.77	20.50	/	1.00	21.71	21.77	21.50	33.01	PASS
		5	20.63	20.64	20.39	/	1.00	21.63	21.64	21.39	33.01	PASS
		0	20.80	20.55	20.63	/	1.00	21.80	21.55	21.63	33.01	PASS
	3	2	20.79	20.55	20.71	/	1.00	21.79	21.55	21.71	33.01	PASS
		3	20.75	20.56	20.68	/	1.00	21.75	21.56	21.68	33.01	PASS
		6	0	19.56	19.55	19.48	/	1.00	20.56	20.55	20.48	33.01
	Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)											

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	21.54	21.55	21.48	/	1.00	22.54	22.55	22.48	33.01	PASS
		7	21.67	21.66	21.57	/	1.00	22.67	22.66	22.57	33.01	PASS
		14	21.53	21.52	21.43	/	1.00	22.53	22.52	22.43	33.01	PASS
	8	0	20.52	20.51	20.51	/	1.00	21.52	21.51	21.51	33.01	PASS
		4	20.59	20.53	20.49	/	1.00	21.59	21.53	21.49	33.01	PASS
		7	20.57	20.50	20.40	/	1.00	21.57	21.50	21.40	33.01	PASS
	15	0	20.58	20.49	20.46	/	1.00	21.58	21.49	21.46	33.01	PASS
16QAM	1	0	21.20	20.56	20.66	/	1.00	22.20	21.56	21.66	33.01	PASS
		7	21.30	20.68	20.74	/	1.00	22.30	21.68	21.74	33.01	PASS
		14	21.14	20.52	20.62	/	1.00	22.14	21.52	21.62	33.01	PASS
	8	0	19.75	19.59	19.48	/	1.00	20.75	20.59	20.48	33.01	PASS
		4	19.79	19.59	19.44	/	1.00	20.79	20.59	20.44	33.01	PASS
		7	19.77	19.56	19.38	/	1.00	20.77	20.56	20.38	33.01	PASS
	15	0	19.71	19.56	19.44	/	1.00	20.71	20.56	20.44	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	21.50	21.45	21.46	/	1.00	22.50	22.45	22.46	33.01	PASS
		13	21.60	21.53	21.48	/	1.00	22.60	22.53	22.48	33.01	PASS
		24	21.45	21.43	21.35	/	1.00	22.45	22.43	22.35	33.01	PASS
	12	0	20.51	20.50	20.48	/	1.00	21.51	21.50	21.48	33.01	PASS
		6	20.60	20.55	20.53	/	1.00	21.60	21.55	21.53	33.01	PASS
		13	20.63	20.49	20.32	/	1.00	21.63	21.49	21.32	33.01	PASS
	25	0	20.57	20.51	20.43	/	1.00	21.57	21.51	21.43	33.01	PASS

16QAM	1		20.42	20.56	20.67	/	1.00	21.42	21.56	21.67	33.01	PASS
		13	20.50	20.65	20.71	/	1.00	21.50	21.65	21.71	33.01	PASS
		24	20.38	20.53	20.61	/	1.00	21.38	21.53	21.61	33.01	PASS
	12	0	19.53	19.42	19.51	/	1.00	20.53	20.42	20.51	33.01	PASS
		6	19.63	19.52	19.56	/	1.00	20.63	20.52	20.56	33.01	PASS
		13	19.64	19.47	19.37	/	1.00	20.64	20.47	20.37	33.01	PASS
	25	0	19.64	19.55	19.41	/	1.00	20.64	20.55	20.41	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	21.60	21.54	21.51	/	1.00	22.60	22.54	22.51	33.01	PASS
		25	21.67	21.69	21.65	/	1.00	22.67	22.69	22.65	33.01	PASS
		49	21.53	21.53	21.42	/	1.00	22.53	22.53	22.42	33.01	PASS
	25	0	20.58	20.53	20.39	/	1.00	21.58	21.53	21.39	33.01	PASS
		13	20.64	20.56	20.52	/	1.00	21.64	21.56	21.52	33.01	PASS
		25	20.63	20.56	20.48	/	1.00	21.63	21.56	21.48	33.01	PASS
	50	0	20.62	20.55	20.44	/	1.00	21.62	21.55	21.44	33.01	PASS
16QAM	1	0	21.20	20.56	20.71	/	1.00	22.20	21.56	21.71	33.01	PASS
		25	21.30	20.72	20.82	/	1.00	22.30	21.72	21.82	33.01	PASS
		49	21.15	20.53	20.58	/	1.00	22.15	21.53	21.58	33.01	PASS
	25	0	19.67	19.59	19.45	/	1.00	20.67	20.59	20.45	33.01	PASS
		13	19.69	19.64	19.58	/	1.00	20.69	20.64	20.58	33.01	PASS
		25	19.71	19.66	19.52	/	1.00	20.71	20.66	20.52	33.01	PASS
	50	0	19.66	19.55	19.46	/	1.00	20.66	20.55	20.46	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	21.51	21.45	21.48	/	1.00	22.51	22.45	22.48	33.01	PASS
		38	21.55	21.51	21.51	/	1.00	22.55	22.51	22.51	33.01	PASS
		74	21.34	21.40	21.30	/	1.00	22.34	22.40	22.30	33.01	PASS
	36	0	20.57	20.54	20.52	/	1.00	21.57	21.54	21.52	33.01	PASS
		18	20.62	20.56	20.55	/	1.00	21.62	21.56	21.55	33.01	PASS
		39	20.55	20.54	20.59	/	1.00	21.55	21.54	21.59	33.01	PASS
	75	0	20.58	20.52	20.54	/	1.00	21.58	21.52	21.54	33.01	PASS
16QAM	1	0	21.13	20.85	20.70	/	1.00	22.13	21.85	21.70	33.01	PASS
		38	21.16	20.87	20.68	/	1.00	22.16	21.87	21.68	33.01	PASS
		74	21.05	20.76	20.48	/	1.00	22.05	21.76	21.48	33.01	PASS
	36	0	19.59	19.46	19.52	/	1.00	20.59	20.46	20.52	33.01	PASS
		18	19.63	19.49	19.54	/	1.00	20.63	20.49	20.54	33.01	PASS
		39	19.54	19.49	19.55	/	1.00	20.54	20.49	20.55	33.01	PASS
	75	0	19.58	19.49	19.58	/	1.00	20.58	20.49	20.58	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	21.34	21.32	21.28	/	1.00	22.34	22.32	22.28	33.01	PASS
		50	21.66	21.73	21.62	/	1.00	22.66	22.73	22.62	33.01	PASS
		99	21.13	21.24	21.15	/	1.00	22.13	22.24	22.15	33.01	PASS
	50	0	20.54	20.41	20.63	/	1.00	21.54	21.41	21.63	33.01	PASS
		25	20.59	20.49	20.60	/	1.00	21.59	21.49	21.60	33.01	PASS
		50	20.42	20.42	20.66	/	1.00	21.42	21.42	21.66	33.01	PASS
	100	0	20.54	20.42	20.64	/	1.00	21.54	21.42	21.64	33.01	PASS
		0	20.96	20.55	20.56	/	1.00	21.96	21.55	21.56	33.01	PASS
		0	21.28	20.88	20.97	/	1.00	22.28	21.88	21.97	33.01	PASS
16QAM	1	50	21.28	20.88	20.97	/	1.00	22.28	21.88	21.97	33.01	PASS
		99	20.77	20.48	20.41	/	1.00	21.77	21.48	21.41	33.01	PASS
		99	20.77	20.48	20.41	/	1.00	21.77	21.48	21.41	33.01	PASS
	50	0	19.61	19.42	19.67	/	1.00	20.61	20.42	20.67	33.01	PASS
		25	19.63	19.53	19.60	/	1.00	20.63	20.53	20.60	33.01	PASS
		50	19.46	19.44	19.66	/	1.00	20.46	20.44	20.66	33.01	PASS
	100	0	19.58	19.46	19.67	/	1.00	20.58	20.46	20.67	33.01	PASS
		0	19.58	19.46	19.67	/	1.00	20.58	20.46	20.67	33.01	PASS
		0	19.58	19.46	19.67	/	1.00	20.58	20.46	20.67	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	21.44	21.43	21.27	/	1.00	22.44	22.43	22.27	30.00	PASS
		2	21.49	21.57	21.35	/	1.00	22.49	22.57	22.35	30.00	PASS
		5	21.43	21.47	21.26	/	1.00	22.43	22.47	22.26	30.00	PASS
	3	0	21.56	21.56	21.38	/	1.00	22.56	22.56	22.38	30.00	PASS
		2	21.57	21.58	21.43	/	1.00	22.57	22.58	22.43	30.00	PASS
		3	21.57	21.56	21.38	/	1.00	22.57	22.56	22.38	30.00	PASS
	6	0	20.49	20.50	20.36	/	1.00	21.49	21.50	21.36	30.00	PASS
		0	20.42	20.48	20.47	/	1.00	21.42	21.48	21.47	30.00	PASS
		2	20.52	20.58	20.55	/	1.00	21.52	21.58	21.55	30.00	PASS
16QAM	1	5	20.44	20.52	20.46	/	1.00	21.44	21.52	21.46	30.00	PASS
		0	20.74	20.61	20.35	/	1.00	21.74	21.61	21.35	30.00	PASS
		2	20.77	20.62	20.36	/	1.00	21.77	21.62	21.36	30.00	PASS
	3	2	20.77	20.62	20.36	/	1.00	21.77	21.62	21.36	30.00	PASS
		3	20.78	20.62	20.37	/	1.00	21.78	21.62	21.37	30.00	PASS
		3	20.78	20.62	20.37	/	1.00	21.78	21.62	21.37	30.00	PASS
	6	0	19.53	19.47	19.37	/	1.00	20.53	20.47	20.37	30.00	PASS
		0	19.53	19.47	19.37	/	1.00	20.53	20.47	20.37	30.00	PASS
		0	19.53	19.47	19.37	/	1.00	20.53	20.47	20.37	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	21.56	21.63	21.38	/	1.00	22.56	22.63	22.38	30.00	PASS
		7	21.66	21.75	21.54	/	1.00	22.66	22.75	22.54	30.00	PASS
		14	21.48	21.56	21.35	/	1.00	22.48	22.56	22.35	30.00	PASS
	8	0	20.56	20.60	20.41	/	1.00	21.56	21.60	21.41	30.00	PASS
		4	20.58	20.62	20.43	/	1.00	21.58	21.62	21.43	30.00	PASS
		7	20.54	20.56	20.38	/	1.00	21.54	21.56	21.38	30.00	PASS
	15	0	20.59	20.58	20.42	/	1.00	21.59	21.58	21.42	30.00	PASS
		0	21.13	20.62	20.58	/	1.00	22.13	21.62	21.58	30.00	PASS
		7	21.25	20.78	20.71	/	1.00	22.25	21.78	21.71	30.00	PASS
16QAM	1	14	21.06	20.58	20.56	/	1.00	22.06	21.58	21.56	30.00	PASS
		14	21.06	20.58	20.56	/	1.00	22.06	21.58	21.56	30.00	PASS

	8	0	19.71	19.67	19.40	/	1.00	20.71	20.67	20.40	30.00	PASS
		4	19.77	19.69	19.43	/	1.00	20.77	20.69	20.43	30.00	PASS
		7	19.72	19.59	19.39	/	1.00	20.72	20.59	20.39	30.00	PASS
	15	0	19.64	19.62	19.36	/	1.00	20.64	20.62	20.36	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	21.47	21.51	21.37	/	1.00	22.47	22.51	22.37	30.00	PASS
		13	21.59	21.64	21.45	/	1.00	22.59	22.64	22.45	30.00	PASS
		24	21.48	21.49	21.30	/	1.00	22.48	22.49	22.30	30.00	PASS
	12	0	20.54	20.58	20.45	/	1.00	21.54	21.58	21.45	30.00	PASS
		6	20.61	20.61	20.47	/	1.00	21.61	21.61	21.47	30.00	PASS
		13	20.57	20.60	20.39	/	1.00	21.57	21.60	21.39	30.00	PASS
16QAM	25	0	20.54	20.54	20.41	/	1.00	21.54	21.54	21.41	30.00	PASS
			20.34	20.64	20.63	/	1.00	21.34	21.64	21.63	30.00	PASS
			20.42	20.74	20.72	/	1.00	21.42	21.74	21.72	30.00	PASS
	1	24	20.32	20.60	20.57	/	1.00	21.32	21.60	21.57	30.00	PASS
		0	19.49	19.53	19.50	/	1.00	20.49	20.53	20.50	30.00	PASS
		6	19.58	19.58	19.50	/	1.00	20.58	20.58	20.50	30.00	PASS
	12	13	19.59	19.54	19.42	/	1.00	20.59	20.54	20.42	30.00	PASS
		0	19.59	19.57	19.42	/	1.00	20.59	20.57	20.42	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	21.55	21.56	21.35	/	1.00	22.55	22.56	22.35	30.00	PASS
		25	21.72	21.67	21.51	/	1.00	22.72	22.67	22.51	30.00	PASS
		49	21.54	21.46	21.29	/	1.00	22.54	22.46	22.29	30.00	PASS
	25	0	20.49	20.64	20.43	/	1.00	21.49	21.64	21.43	30.00	PASS
		13	20.61	20.52	20.42	/	1.00	21.61	21.52	21.42	30.00	PASS
		25	20.66	20.56	20.37	/	1.00	21.66	21.56	21.37	30.00	PASS
16QAM	50	0	20.59	20.61	20.42	/	1.00	21.59	21.61	21.42	30.00	PASS
			20.59	20.70	20.96	/	1.00	21.59	21.70	21.96	30.00	PASS
			20.73	20.85	21.11	/	1.00	21.73	21.85	22.11	30.00	PASS
	1	49	20.56	20.67	20.88	/	1.00	21.56	21.67	21.88	30.00	PASS
		0	19.62	19.65	19.51	/	1.00	20.62	20.65	20.51	30.00	PASS
		13	19.67	19.57	19.49	/	1.00	20.67	20.57	20.49	30.00	PASS
	25	25	19.76	19.62	19.45	/	1.00	20.76	20.62	20.45	30.00	PASS
		0	19.63	19.58	19.46	/	1.00	20.63	20.58	20.46	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	21.51	21.48	21.40	/	1.00	22.51	22.48	22.40	30.00	PASS
		38	21.56	21.55	21.36	/	1.00	22.56	22.55	22.36	30.00	PASS
		74	21.40	21.34	21.18	/	1.00	22.40	22.34	22.18	30.00	PASS

16QAM	36	0	20.58	20.61	20.44	/	1.00	21.58	21.61	21.44	30.00	PASS
		18	20.62	20.56	20.46	/	1.00	21.62	21.56	21.46	30.00	PASS
		39	20.59	20.60	20.43	/	1.00	21.59	21.60	21.43	30.00	PASS
	75	0	20.57	20.54	20.43	/	1.00	21.57	21.54	21.43	30.00	PASS
			20.90	20.68	20.96	/	1.00	21.90	21.68	21.96	30.00	PASS
		38	20.97	20.76	20.96	/	1.00	21.97	21.76	21.96	30.00	PASS
	1	74	20.82	20.50	20.73	/	1.00	21.82	21.50	21.73	30.00	PASS
		0	19.51	19.59	19.45	/	1.00	20.51	20.59	20.45	30.00	PASS
		18	19.61	19.58	19.45	/	1.00	20.61	20.58	20.45	30.00	PASS
		39	19.57	19.54	19.42	/	1.00	20.57	20.54	20.42	30.00	PASS
	75	0	19.53	19.56	19.42	/	1.00	20.53	20.56	20.42	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	21.34	21.32	21.30	/	1.00	22.34	22.32	22.30	30.00	PASS
		50	21.70	21.71	21.54	/	1.00	22.70	22.71	22.54	30.00	PASS
		99	21.28	21.18	20.98	/	1.00	22.28	22.18	21.98	30.00	PASS
	50	0	20.51	20.63	20.42	/	1.00	21.51	21.63	21.42	30.00	PASS
		25	20.58	20.57	20.43	/	1.00	21.58	21.57	21.43	30.00	PASS
		50	20.48	20.53	20.38	/	1.00	21.48	21.53	21.38	30.00	PASS
	100	0	20.50	20.60	20.40	/	1.00	21.50	21.60	21.40	30.00	PASS
16QAM	1		20.56	20.63	20.88	/	1.00	21.56	21.63	21.88	30.00	PASS
		50	20.91	20.97	21.09	/	1.00	21.91	21.97	22.09	30.00	PASS
		99	20.49	20.48	20.59	/	1.00	21.49	21.48	21.59	30.00	PASS
	50	0	19.46	19.65	19.42	/	1.00	20.46	20.65	20.42	30.00	PASS
		25	19.57	19.55	19.43	/	1.00	20.57	20.55	20.43	30.00	PASS
		50	19.47	19.53	19.38	/	1.00	20.47	20.53	20.38	30.00	PASS
	100	0	19.53	19.61	19.47	/	1.00	20.53	20.61	20.47	30.00	PASS
Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)												

3. Effective (Isotropic) Radiated Power Output Data

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	22.34	22.26	22.14	-1.65	0.50	20.69	20.61	20.49	40.61	PASS
		2	22.46	22.36	22.27	-1.65	0.50	20.81	20.71	20.62	40.61	PASS
		5	22.35	22.24	22.17	-1.65	0.50	20.70	20.59	20.52	40.61	PASS
	3	0	22.36	22.33	22.25	-1.65	0.50	20.71	20.68	20.60	40.61	PASS
		2	22.39	22.35	22.25	-1.65	0.50	20.74	20.70	20.60	40.61	PASS
		3	22.37	22.31	22.20	-1.65	0.50	20.72	20.66	20.55	40.61	PASS
16QAM	1	0	21.38	21.32	21.30	-1.65	0.50	19.73	19.67	19.65	40.61	PASS
			21.45	21.21	21.08	-1.65	0.50	19.80	19.56	19.43	40.61	PASS
		2	21.55	21.31	21.22	-1.65	0.50	19.90	19.66	19.57	40.61	PASS
	3	5	21.45	21.20	21.09	-1.65	0.50	19.80	19.55	19.44	40.61	PASS
		0	21.29	21.45	21.37	-1.65	0.50	19.64	19.80	19.72	40.61	PASS
		2	21.35	21.52	21.43	-1.65	0.50	19.70	19.87	19.78	40.61	PASS
		3	21.32	21.45	21.37	-1.65	0.50	19.67	19.80	19.72	40.61	PASS

	6	0	20.35	20.31	20.20	-1.65	0.50	18.70	18.66	18.55	40.61	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	22.41	22.32	22.19	-1.65	0.50	20.76	20.67	20.54	40.61	PASS
		7	22.53	22.43	22.31	-1.65	0.50	20.88	20.78	20.66	40.61	PASS
		14	22.35	22.28	22.21	-1.65	0.50	20.70	20.63	20.56	40.61	PASS
	8	0	21.36	21.32	21.23	-1.65	0.50	19.71	19.67	19.58	40.61	PASS
		4	21.40	21.35	21.26	-1.65	0.50	19.75	19.70	19.61	40.61	PASS
		7	21.34	21.30	21.22	-1.65	0.50	19.69	19.65	19.57	40.61	PASS
16QAM	15	0	21.30	21.30	21.20	-1.65	0.50	19.65	19.65	19.55	40.61	PASS
			21.35	21.48	21.70	-1.65	0.50	19.70	19.83	20.05	40.61	PASS
			21.51	21.59	21.79	-1.65	0.50	19.86	19.94	20.14	40.61	PASS
	1	7	21.33	21.39	21.59	-1.65	0.50	19.68	19.74	19.94	40.61	PASS
		14	21.33	21.39	21.59	-1.65	0.50	19.68	19.74	19.94	40.61	PASS
			21.33	21.39	21.59	-1.65	0.50	19.68	19.74	19.94	40.61	PASS
	8	0	20.37	20.29	20.33	-1.65	0.50	18.72	18.64	18.68	40.61	PASS
		4	20.44	20.32	20.38	-1.65	0.50	18.79	18.67	18.73	40.61	PASS
		7	20.39	20.24	20.30	-1.65	0.50	18.74	18.59	18.65	40.61	PASS
	15	0	20.33	20.21	20.24	-1.65	0.50	18.68	18.56	18.59	40.61	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	22.26	22.28	22.14	-1.65	0.50	20.61	20.63	20.49	40.61	PASS
		13	22.38	22.33	22.24	-1.65	0.50	20.73	20.68	20.59	40.61	PASS
		24	22.25	22.16	22.09	-1.65	0.50	20.60	20.51	20.44	40.61	PASS
	12	0	21.29	21.26	21.31	-1.65	0.50	19.64	19.61	19.66	40.61	PASS
		6	21.34	21.32	21.24	-1.65	0.50	19.69	19.67	19.59	40.61	PASS
		13	21.27	21.29	21.22	-1.65	0.50	19.62	19.64	19.57	40.61	PASS
16QAM	25	0	21.26	21.28	21.24	-1.65	0.50	19.61	19.63	19.59	40.61	PASS
			21.31	21.49	21.01	-1.65	0.50	19.66	19.84	19.36	40.61	PASS
			21.42	21.54	21.06	-1.65	0.50	19.77	19.89	19.41	40.61	PASS
	1	13	21.34	21.36	20.89	-1.65	0.50	19.69	19.71	19.24	40.61	PASS
		24	21.34	21.36	20.89	-1.65	0.50	19.69	19.71	19.24	40.61	PASS
			21.34	21.36	20.89	-1.65	0.50	19.69	19.71	19.24	40.61	PASS
	12	0	20.26	20.26	20.29	-1.65	0.50	18.61	18.61	18.64	40.61	PASS
		6	20.33	20.32	20.22	-1.65	0.50	18.68	18.67	18.57	40.61	PASS
		13	20.22	20.29	20.19	-1.65	0.50	18.57	18.64	18.54	40.61	PASS
	25	0	20.28	20.26	20.25	-1.65	0.50	18.63	18.61	18.60	40.61	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	22.35	22.33	22.33	-1.65	0.50	20.70	20.68	20.68	40.61	PASS
		25	22.47	22.47	22.40	-1.65	0.50	20.82	20.82	20.75	40.61	PASS
		49	22.26	22.20	22.25	-1.65	0.50	20.61	20.55	20.60	40.61	PASS

Note:

- 1) $\text{dBd} = \text{dBi} - 2.15$
- 2) $\text{EIRP} = \text{Conducted output power} + \text{Antenna gain (dBi)}$
- 3) $\text{ERP} = \text{Conducted output power} + \text{Antenna gain (dBd)}$

4.1 Test Result

Note:

- 1) $\text{dBd} = \text{dBi} - 2.15$
- 2) $\text{EIRP} = \text{Conducted output power} + \text{Antenna gain (dBi)}$
- 3) $\text{ERP} = \text{Conducted output power} + \text{Antenna gain (dBd)}$

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	22.24	22.17	22.16	-1.65	0.50	20.59	20.52	20.51	34.77	PASS	
		7	22.32	22.33	22.29	-1.65	0.50	20.67	20.68	20.64	34.77	PASS	
		14	22.23	22.11	22.13	-1.65	0.50	20.58	20.46	20.48	34.77	PASS	
	8	0	21.25	21.20	21.21	-1.65	0.50	19.60	19.55	19.56	34.77	PASS	
		4	21.27	21.23	21.24	-1.65	0.50	19.62	19.58	19.59	34.77	PASS	
		7	21.21	21.16	21.22	-1.65	0.50	19.56	19.51	19.57	34.77	PASS	
	15		21.22	21.18	21.19	-1.65	0.50	19.57	19.53	19.54	34.77	PASS	
	16QAM	1	0	21.22	21.18	21.19	-1.65	0.50	19.57	19.53	19.54	34.77	PASS
				21.26	21.39	21.74	-1.65	0.50	19.61	19.74	20.09	34.77	PASS
7			21.37	21.45	21.84	-1.65	0.50	19.72	19.80	20.19	34.77	PASS	
		14	21.28	21.32	21.67	-1.65	0.50	19.63	19.67	20.02	34.77	PASS	
8		0	20.28	20.17	20.36	-1.65	0.50	18.63	18.52	18.71	34.77	PASS	

		4	20.34	20.19	20.37	-1.65	0.50	18.69	18.54	18.72	34.77	PASS
		7	20.27	20.16	20.37	-1.65	0.50	18.62	18.51	18.72	34.77	PASS
	15	0	20.26	20.13	20.23	-1.65	0.50	18.61	18.48	18.58	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	22.14	22.13	22.15	-1.65	0.50	20.49	20.48	20.50	34.77	PASS
		13	22.25	22.19	22.19	-1.65	0.50	20.60	20.54	20.54	34.77	PASS
		24	22.11	22.08	22.09	-1.65	0.50	20.46	20.43	20.44	34.77	PASS
	12	0	21.28	21.17	21.30	-1.65	0.50	19.63	19.52	19.65	34.77	PASS
		6	21.28	21.23	21.25	-1.65	0.50	19.63	19.58	19.60	34.77	PASS
		13	21.22	21.17	21.20	-1.65	0.50	19.57	19.52	19.55	34.77	PASS
16QAM	25	0	21.24	21.16	21.26	-1.65	0.50	19.59	19.51	19.61	34.77	PASS
			21.25	21.40	21.03	-1.65	0.50	19.60	19.75	19.38	34.77	PASS
			21.39	21.46	21.06	-1.65	0.50	19.74	19.81	19.41	34.77	PASS
	1	13	21.39	21.46	21.06	-1.65	0.50	19.74	19.81	19.41	34.77	PASS
		24	21.25	21.39	20.97	-1.65	0.50	19.60	19.74	19.32	34.77	PASS
		0	20.23	20.16	20.27	-1.65	0.50	18.58	18.51	18.62	34.77	PASS
	12	6	20.23	20.24	20.19	-1.65	0.50	18.58	18.59	18.54	34.77	PASS
		13	20.17	20.20	20.16	-1.65	0.50	18.52	18.55	18.51	34.77	PASS
	25	0	20.24	20.14	20.25	-1.65	0.50	18.59	18.49	18.60	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 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	22.20	22.21	22.24	-1.65	0.50	20.55	20.56	20.59	34.77	PASS	
		25	22.31	22.28	22.40	-1.65	0.50	20.66	20.63	20.75	34.77	PASS	
		49	22.08	22.11	22.18	-1.65	0.50	20.43	20.46	20.53	34.77	PASS	
	25	0	21.38	21.20	21.31	-1.65	0.50	19.73	19.55	19.66	34.77	PASS	
		13	21.28	21.24	21.26	-1.65	0.50	19.63	19.59	19.61	34.77	PASS	
		25	21.34	21.17	21.17	-1.65	0.50	19.69	19.52	19.52	34.77	PASS	
	50	0	21.37	21.19	21.26	-1.65	0.50	19.72	19.54	19.61	34.77	PASS	
			21.40	21.81	21.27	-1.65	0.50	19.75	20.16	19.62	34.77	PASS	
16QAM	1	25	21.53	21.82	21.33	-1.65	0.50	19.88	20.17	19.68	34.77	PASS	
		49	21.31	21.71	21.17	-1.65	0.50	19.66	20.06	19.52	34.77	PASS	
		0	20.40	20.24	20.34	-1.65	0.50	18.75	18.59	18.69	34.77	PASS	
	25	13	20.30	20.25	20.30	-1.65	0.50	18.65	18.60	18.65	34.77	PASS	
		25	20.38	20.21	20.23	-1.65	0.50	18.73	18.56	18.58	34.77	PASS	
		0	20.39	20.22	20.24	-1.65	0.50	18.74	18.57	18.59	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)												

5. Effective (Isotropic) Radiated Power Output Data

5.1 Test Result

Test Band: 13 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	21.84	21.86	21.89	-1.65	0.50	20.19	20.21	20.24	34.77	PASS
		13	21.95	21.99	22.03	-1.65	0.50	20.30	20.34	20.38	34.77	PASS
		24	21.86	21.88	21.91	-1.65	0.50	20.21	20.23	20.26	34.77	PASS
	12	0	20.70	20.88	21.07	-1.65	0.50	19.05	19.23	19.42	34.77	PASS
		6	20.93	20.98	21.03	-1.65	0.50	19.28	19.33	19.38	34.77	PASS
		13	20.94	20.85	20.84	-1.65	0.50	19.29	19.20	19.19	34.77	PASS
16QAM	25	0	20.90	20.86	20.98	-1.65	0.50	19.25	19.21	19.33	34.77	PASS
		0	21.11	20.74	20.99	-1.65	0.50	19.46	19.09	19.34	34.77	PASS
		13	21.21	20.82	21.12	-1.65	0.50	19.56	19.17	19.47	34.77	PASS
	1	24	21.15	20.76	21.00	-1.65	0.50	19.50	19.11	19.35	34.77	PASS
		0	19.75	19.92	20.11	-1.65	0.50	18.10	18.27	18.46	34.77	PASS
		6	20.01	20.02	20.08	-1.65	0.50	18.36	18.37	18.43	34.77	PASS
	12	13	20.01	19.92	19.87	-1.65	0.50	18.36	18.27	18.22	34.77	PASS
		0	19.91	19.94	20.09	-1.65	0.50	18.26	18.29	18.44	34.77	PASS
		0	19.91	19.94	20.09	-1.65	0.50	18.26	18.29	18.44	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: 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	/	21.98	/	-1.65	0.50	/	20.33	/	34.77	PASS
		25	/	22.17	/	-1.65	0.50	/	20.52	/	34.77	PASS
		49	/	21.98	/	-1.65	0.50	/	20.33	/	34.77	PASS
	25	0	/	20.73	/	-1.65	0.50	/	19.08	/	34.77	PASS
		13	/	20.99	/	-1.65	0.50	/	19.34	/	34.77	PASS
		25	/	20.77	/	-1.65	0.50	/	19.12	/	34.77	PASS
16QAM	50	0	/	20.77	/	-1.65	0.50	/	19.12	/	34.77	PASS
		0	/	20.97	/	-1.65	0.50	/	19.32	/	34.77	PASS
		25	/	21.14	/	-1.65	0.50	/	19.49	/	34.77	PASS
	1	49	/	20.98	/	-1.65	0.50	/	19.33	/	34.77	PASS
		0	/	19.87	/	-1.65	0.50	/	18.22	/	34.77	PASS
		13	/	20.12	/	-1.65	0.50	/	18.47	/	34.77	PASS
	25	25	/	19.91	/	-1.65	0.50	/	18.26	/	34.77	PASS
		0	/	19.84	/	-1.65	0.50	/	18.19	/	34.77	PASS
		0	/	19.84	/	-1.65	0.50	/	18.19	/	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)

6. Effective (Isotropic) Radiated Power Output Data

6.1 Test Result

Test Band: 17 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	22.15	22.15	22.15	-1.65	0.50	20.50	20.50	20.50	34.77	PASS
		13	22.25	22.23	22.22	-1.65	0.50	20.60	20.58	20.57	34.77	PASS
		24	22.07	22.08	22.05	-1.65	0.50	20.42	20.43	20.40	34.77	PASS
	12	0	21.19	21.23	21.29	-1.65	0.50	19.54	19.58	19.64	34.77	PASS
		6	21.26	21.25	21.27	-1.65	0.50	19.61	19.60	19.62	34.77	PASS

		13	21.25	21.17	21.23	-1.65	0.50	19.60	19.52	19.58	34.77	PASS
	25	0	21.24	21.20	21.29	-1.65	0.50	19.59	19.55	19.64	34.77	PASS
16QAM	1		21.06	21.31	21.39	-1.65	0.50	19.41	19.66	19.74	34.77	PASS
		13	21.22	21.39	21.54	-1.65	0.50	19.57	19.74	19.89	34.77	PASS
		24	20.99	21.22	21.31	-1.65	0.50	19.34	19.57	19.66	34.77	PASS
	12	0	20.17	20.20	20.29	-1.65	0.50	18.52	18.55	18.64	34.77	PASS
		6	20.26	20.22	20.27	-1.65	0.50	18.61	18.57	18.62	34.77	PASS
		13	20.25	20.14	20.23	-1.65	0.50	18.60	18.49	18.58	34.77	PASS
	25	0	20.25	20.24	20.25	-1.65	0.50	18.60	18.59	18.60	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: 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	22.18	22.21	22.26	-1.65	0.50	20.53	20.56	20.61	34.77	PASS	
		25	22.30	22.32	22.39	-1.65	0.50	20.65	20.67	20.74	34.77	PASS	
		49	22.13	22.11	22.14	-1.65	0.50	20.48	20.46	20.49	34.77	PASS	
	25	0	21.19	21.25	21.33	-1.65	0.50	19.54	19.60	19.68	34.77	PASS	
		13	21.26	21.28	21.26	-1.65	0.50	19.61	19.63	19.61	34.77	PASS	
		25	21.15	21.13	21.20	-1.65	0.50	19.50	19.48	19.55	34.77	PASS	
	50	0	21.17	21.24	21.31	-1.65	0.50	19.52	19.59	19.66	34.77	PASS	
	21.44		21.80	21.30	-1.65	0.50	19.79	20.15	19.65	34.77	PASS		
16QAM	1	25	21.52	21.88	21.35	-1.65	0.50	19.87	20.23	19.70	34.77	PASS	
		49	21.35	21.69	21.16	-1.65	0.50	19.70	20.04	19.51	34.77	PASS	
		0	20.20	20.28	20.38	-1.65	0.50	18.55	18.63	18.73	34.77	PASS	
	25	13	20.28	20.34	20.35	-1.65	0.50	18.63	18.69	18.70	34.77	PASS	
		25	20.17	20.18	20.24	-1.65	0.50	18.52	18.53	18.59	34.77	PASS	
		50	0	20.16	20.21	20.25	-1.65	0.50	18.51	18.56	18.60	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)												