

1.1 Test Result

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	22.65	23.04	23.24	/	-1.12	21.53	21.92	22.12	33.01	PASS
		7	22.59	23.12	23.03	/	-1.12	21.47	22	21.91	33.01	PASS
		14	22.57	23.21	23.22	/	-1.12	21.45	22.09	22.1	33.01	PASS
	8	0	21.62	22.07	21.90	/	-1.12	20.5	20.95	20.78	33.01	PASS
		4	21.68	22.11	21.92	/	-1.12	20.56	20.99	20.8	33.01	PASS
		7	21.65	22.06	21.89	/	-1.12	20.53	20.94	20.77	33.01	PASS
	15	0	21.63	22.04	21.98	/	-1.12	20.51	20.92	20.86	33.01	PASS
16QAM	1	0	21.62	22.06	22.37	/	-1.12	20.5	20.94	21.25	33.01	PASS
		7	21.33	22.07	21.89	/	-1.12	20.21	20.95	20.77	33.01	PASS
		14	21.58	22.15	22.32	/	-1.12	20.46	21.03	21.2	33.01	PASS
	8	0	20.54	20.82	20.65	/	-1.12	19.42	19.7	19.53	33.01	PASS
		4	20.59	20.84	20.66	/	-1.12	19.47	19.72	19.54	33.01	PASS
		7	20.57	20.81	20.62	/	-1.12	19.45	19.69	19.5	33.01	PASS
	15	0	20.68	20.78	20.86	/	-1.12	19.56	19.66	19.74	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	22.59	23.21	23.05	/	-1.12	21.47	22.09	21.93	33.01	PASS
		13	22.58	23.15	22.85	/	-1.12	21.46	22.03	21.73	33.01	PASS
		24	22.72	23.28	23.22	/	-1.12	21.6	22.16	22.1	33.01	PASS
	12	0	21.51	22.06	21.92	/	-1.12	20.39	20.94	20.8	33.01	PASS
		6	21.54	22.04	21.88	/	-1.12	20.42	20.92	20.76	33.01	PASS
		13	21.54	22.06	22.06	/	-1.12	20.42	20.94	20.94	33.01	PASS
	25	0	21.52	21.95	21.99	/	-1.12	20.4	20.83	20.87	33.01	PASS

16QAM	1		21.99	22.47	21.82	/	-1.12	20.87	21.35	20.7	33.01	PASS
		13	22.19	22.14	21.57	/	-1.12	21.07	21.02	20.45	33.01	PASS
		24	22.29	22.18	21.85	/	-1.12	21.17	21.06	20.73	33.01	PASS
	12	0	20.74	20.88	20.73	/	-1.12	19.62	19.76	19.61	33.01	PASS
		6	20.76	20.87	20.48	/	-1.12	19.64	19.75	19.36	33.01	PASS
		13	20.78	20.87	20.63	/	-1.12	19.66	19.75	19.51	33.01	PASS
	25	0	20.64	21.08	20.84	/	-1.12	19.52	19.96	19.72	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	22.58	22.85	23.17	/	-1.12	21.46	21.73	22.05	33.01	PASS
		25	22.72	22.84	22.92	/	-1.12	21.6	21.72	21.8	33.01	PASS
		49	22.69	23.05	23.02	/	-1.12	21.57	21.93	21.9	33.01	PASS
	25	0	21.60	21.93	22.13	/	-1.12	20.48	20.81	21.01	33.01	PASS
		13	21.66	21.93	21.98	/	-1.12	20.54	20.81	20.86	33.01	PASS
		25	21.74	21.96	21.97	/	-1.12	20.62	20.84	20.85	33.01	PASS
	50	0	21.66	21.93	22.05	/	-1.12	20.54	20.81	20.93	33.01	PASS
16QAM	1	0	21.46	22.12	22.04	/	-1.12	20.34	21	20.92	33.01	PASS
		25	21.84	22.22	21.81	/	-1.12	20.72	21.1	20.69	33.01	PASS
		49	21.84	22.14	21.86	/	-1.12	20.72	21.02	20.74	33.01	PASS
	25	0	20.64	20.93	21.02	/	-1.12	19.52	19.81	19.9	33.01	PASS
		13	20.69	20.91	20.83	/	-1.12	19.57	19.79	19.71	33.01	PASS
		25	20.68	20.93	20.78	/	-1.12	19.56	19.81	19.66	33.01	PASS
	50	0	20.64	20.96	20.97	/	-1.12	19.52	19.84	19.85	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	22.57	22.75	23.33	/	-1.12	21.45	21.63	22.21	33.01	PASS
		38	22.53	22.75	22.79	/	-1.12	21.41	21.63	21.67	33.01	PASS
		74	22.58	22.94	22.87	/	-1.12	21.46	21.82	21.75	33.01	PASS
	36	0	21.55	21.82	22.07	/	-1.12	20.43	20.7	20.95	33.01	PASS
		18	21.66	21.94	21.90	/	-1.12	20.54	20.82	20.78	33.01	PASS
		39	21.70	21.91	21.82	/	-1.12	20.58	20.79	20.7	33.01	PASS
	75	0	21.60	21.87	21.92	/	-1.12	20.48	20.75	20.8	33.01	PASS
16QAM	1	0	21.52	22.22	22.04	/	-1.12	20.4	21.1	20.92	33.01	PASS
		38	21.55	22.21	21.76	/	-1.12	20.43	21.09	20.64	33.01	PASS
		74	21.60	22.18	21.70	/	-1.12	20.48	21.06	20.58	33.01	PASS
	36	0	20.48	20.84	21.18	/	-1.12	19.36	19.72	20.06	33.01	PASS
		18	20.60	20.96	20.86	/	-1.12	19.48	19.84	19.74	33.01	PASS
		39	20.57	21.01	20.80	/	-1.12	19.45	19.89	19.68	33.01	PASS
	75	0	20.69	20.86	20.95	/	-1.12	19.57	19.74	19.83	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	22.56	22.93	23.20	/	-1.12	21.44	21.81	22.08	33.01	PASS
		50	22.71	23.14	22.99	/	-1.12	21.59	22.02	21.87	33.01	PASS
		99	22.63	22.98	22.59	/	-1.12	21.51	21.86	21.47	33.01	PASS
	50	0	21.70	21.74	21.99	/	-1.12	20.58	20.62	20.87	33.01	PASS
		25	21.79	21.99	21.92	/	-1.12	20.67	20.87	20.8	33.01	PASS
		50	21.59	21.87	21.88	/	-1.12	20.47	20.75	20.76	33.01	PASS
	100	0	21.67	21.82	22.04	/	-1.12	20.55	20.7	20.92	33.01	PASS
		0	21.64	21.72	22.37	/	-1.12	20.52	20.6	21.25	33.01	PASS
		0	21.95	22.07	22.41	/	-1.12	20.83	20.95	21.29	33.01	PASS
16QAM	1	99	21.22	22.10	22.08	/	-1.12	20.1	20.98	20.96	33.01	PASS
		0	20.61	20.75	21.14	/	-1.12	19.49	19.63	20.02	33.01	PASS
		25	20.80	20.97	21.02	/	-1.12	19.68	19.85	19.9	33.01	PASS
	50	50	20.61	20.93	20.90	/	-1.12	19.49	19.81	19.78	33.01	PASS
		0	20.65	20.81	21.00	/	-1.12	19.53	19.69	19.88	33.01	PASS
		0	20.65	20.81	21.00	/	-1.12	19.53	19.69	19.88	33.01	PASS
	100	0	20.65	20.81	21.00	/	-1.12	19.53	19.69	19.88	33.01	PASS
		0	20.65	20.81	21.00	/	-1.12	19.53	19.69	19.88	33.01	PASS
		0	20.65	20.81	21.00	/	-1.12	19.53	19.69	19.88	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: 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	25.42	25.34	24.97	-6.16	-4.01	19.26	19.18	18.81	38.45	PASS
		2	25.51	25.50	25.16	-6.16	-4.01	19.35	19.34	19	38.45	PASS
		5	25.34	25.45	25.06	-6.16	-4.01	19.18	19.29	18.9	38.45	PASS
	3	0	25.33	25.38	25.17	-6.16	-4.01	19.17	19.22	19.01	38.45	PASS
		2	25.44	25.43	25.24	-6.16	-4.01	19.28	19.27	19.08	38.45	PASS
		3	25.33	25.33	25.23	-6.16	-4.01	19.17	19.17	19.07	38.45	PASS
	6	0	24.31	24.48	24.33	-6.16	-4.01	18.15	18.32	18.17	38.45	PASS
		0	24.43	24.05	-16.10	-6.16	-4.01	18.27	17.89	-22.26	38.45	PASS
		2	24.50	24.77	24.74	-6.16	-4.01	18.34	18.61	18.58	38.45	PASS
16QAM	1	5	24.18	24.64	24.57	-6.16	-4.01	18.02	18.48	18.41	38.45	PASS
		0	24.63	24.30	24.56	-6.16	-4.01	18.47	18.14	18.4	38.45	PASS
		2	24.45	24.47	24.66	-6.16	-4.01	18.29	18.31	18.5	38.45	PASS
	3	3	24.47	24.44	24.78	-6.16	-4.01	18.31	18.28	18.62	38.45	PASS
		0	23.35	23.22	23.45	-6.16	-4.01	17.19	17.06	17.29	38.45	PASS
		0	23.35	23.22	23.45	-6.16	-4.01	17.19	17.06	17.29	38.45	PASS
	6	0	23.35	23.22	23.45	-6.16	-4.01	17.19	17.06	17.29	38.45	PASS
		0	23.35	23.22	23.45	-6.16	-4.01	17.19	17.06	17.29	38.45	PASS
		0	23.35	23.22	23.45	-6.16	-4.01	17.19	17.06	17.29	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	25.39	25.23	25.54	-6.16	-4.01	19.23	19.07	19.38	38.45	PASS
		7	25.42	25.33	25.23	-6.16	-4.01	19.26	19.17	19.07	38.45	PASS
		14	25.31	25.36	25.21	-6.16	-4.01	19.15	19.2	19.05	38.45	PASS
	8	0	24.35	24.34	24.23	-6.16	-4.01	18.19	18.18	18.07	38.45	PASS
		4	24.15	24.37	24.39	-6.16	-4.01	17.99	18.21	18.23	38.45	PASS
		7	24.16	24.32	24.27	-6.16	-4.01	18	18.16	18.11	38.45	PASS
	15	0	24.23	24.22	24.28	-6.16	-4.01	18.07	18.06	18.12	38.45	PASS
		0	24.38	24.66	24.42	-6.16	-4.01	18.22	18.5	18.26	38.45	PASS
		7	23.87	24.60	24.41	-6.16	-4.01	17.71	18.44	18.25	38.45	PASS
16QAM	1	7	23.87	24.60	24.41	-6.16	-4.01	17.71	18.44	18.25	38.45	PASS

	8	14	24.15	24.63	24.28	-6.16	-4.01	17.99	18.47	18.12	38.45	PASS
		0	23.30	23.09	23.22	-6.16	-4.01	17.14	16.93	17.06	38.45	PASS
		4	23.17	23.32	23.08	-6.16	-4.01	17.01	17.16	16.92	38.45	PASS
		7	23.17	23.25	22.98	-6.16	-4.01	17.01	17.09	16.82	38.45	PASS
	15	0	23.21	23.18	23.18	-6.16	-4.01	17.05	17.02	17.02	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	25.17	25.31	25.22	-6.16	-4.01	19.01	19.15	19.06	38.45	PASS	
		13	25.04	25.32	25.13	-6.16	-4.01	18.88	19.16	18.97	38.45	PASS	
		24	25.01	25.26	25.13	-6.16	-4.01	18.85	19.1	18.97	38.45	PASS	
	12	0	24.09	24.26	24.22	-6.16	-4.01	17.93	18.1	18.06	38.45	PASS	
		6	24.10	24.35	24.24	-6.16	-4.01	17.94	18.19	18.08	38.45	PASS	
		13	24.18	24.26	24.25	-6.16	-4.01	18.02	18.1	18.09	38.45	PASS	
	25	0	24.18	24.22	24.27	-6.16	-4.01	18.02	18.06	18.11	38.45	PASS	
			24.23	24.62	24.12	-6.16	-4.01	18.07	18.46	17.96	38.45	PASS	
16QAM	1	13	23.99	24.68	23.60	-6.16	-4.01	17.83	18.52	17.44	38.45	PASS	
		24	24.09	24.61	23.66	-6.16	-4.01	17.93	18.45	17.5	38.45	PASS	
		0	23.15	23.17	23.00	-6.16	-4.01	16.99	17.01	16.84	38.45	PASS	
	12	6	23.15	23.35	23.15	-6.16	-4.01	16.99	17.19	16.99	38.45	PASS	
		13	23.23	23.38	23.16	-6.16	-4.01	17.07	17.22	17	38.45	PASS	
		0	23.26	23.37	23.31	-6.16	-4.01	17.1	17.21	17.15	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	25.45	25.18	25.35	-6.16	-4.01	19.29	19.02	19.19	38.45	PASS	
		25	25.26	25.28	25.42	-6.16	-4.01	19.1	19.12	19.26	38.45	PASS	
		49	25.31	25.13	25.20	-6.16	-4.01	19.15	18.97	19.04	38.45	PASS	
	25	0	24.33	24.30	24.39	-6.16	-4.01	18.17	18.14	18.23	38.45	PASS	
		13	24.21	24.43	24.28	-6.16	-4.01	18.05	18.27	18.12	38.45	PASS	
		25	24.24	24.36	24.21	-6.16	-4.01	18.08	18.2	18.05	38.45	PASS	
	50	0	24.44	24.44	24.36	-6.16	-4.01	18.28	18.28	18.2	38.45	PASS	
			24.49	24.63	24.66	-6.16	-4.01	18.33	18.47	18.5	38.45	PASS	
16QAM	1	25	24.18	25.23	24.72	-6.16	-4.01	18.02	19.07	18.56	38.45	PASS	
		49	23.93	25.14	24.52	-6.16	-4.01	17.77	18.98	18.36	38.45	PASS	
		0	23.18	23.61	23.40	-6.16	-4.01	17.02	17.45	17.24	38.45	PASS	
	25	13	23.27	23.62	23.29	-6.16	-4.01	17.11	17.46	17.13	38.45	PASS	
		25	23.29	23.53	23.15	-6.16	-4.01	17.13	17.37	16.99	38.45	PASS	
		50	0	23.32	23.34	23.44	-6.16	-4.01	17.16	17.18	17.28	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)												

3. Effective (Isotropic) Radiated Power Output Data

3.1 Test Result

Test Band: 38 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	24.46	23.75	23.74	/	-0.35	24.11	23.4	23.39	33.01	PASS
		13	24.40	23.73	23.89	/	-0.35	24.05	23.38	23.54	33.01	PASS
		24	24.44	23.90	23.76	/	-0.35	24.09	23.55	23.41	33.01	PASS
	12	0	23.54	22.95	22.87	/	-0.35	23.19	22.6	22.52	33.01	PASS
		6	23.64	22.89	23.02	/	-0.35	23.29	22.54	22.67	33.01	PASS
		13	23.54	23.07	23.01	/	-0.35	23.19	22.72	22.66	33.01	PASS
16QAM	25	0	23.58	23.01	23.01	/	-0.35	23.23	22.66	22.66	33.01	PASS
		13	23.99	22.97	22.81	/	-0.35	23.64	22.62	22.46	33.01	PASS
		24	24.07	22.95	22.63	/	-0.35	23.72	22.6	22.28	33.01	PASS
	1	0	22.67	21.75	21.99	/	-0.35	22.32	21.4	21.64	33.01	PASS
		6	22.68	21.96	22.01	/	-0.35	22.33	21.61	21.66	33.01	PASS
		13	22.55	21.98	22.00	/	-0.35	22.2	21.63	21.65	33.01	PASS
	12	0	22.64	21.95	22.08	/	-0.35	22.29	21.6	21.73	33.01	PASS
		13	23.89	22.76	22.72	/	-0.35	23.54	22.41	22.37	33.01	PASS
		24	24.07	22.95	22.63	/	-0.35	23.72	22.6	22.28	33.01	PASS

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

Test Band: 38 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	24.79	23.99	24.35	/	-0.35	24.44	23.64	24	33.01	PASS
		25	24.82	24.11	24.11	/	-0.35	24.47	23.76	23.76	33.01	PASS
		49	24.50	24.16	23.92	/	-0.35	24.15	23.81	23.57	33.01	PASS
	25	0	23.61	23.05	23.16	/	-0.35	23.26	22.7	22.81	33.01	PASS
		13	23.56	23.09	23.17	/	-0.35	23.21	22.74	22.82	33.01	PASS
		25	23.44	23.06	23.03	/	-0.35	23.09	22.71	22.68	33.01	PASS
16QAM	50	0	23.48	23.08	23.09	/	-0.35	23.13	22.73	22.74	33.01	PASS
		13	24.10	23.43	23.32	/	-0.35	23.75	23.08	22.97	33.01	PASS
		25	24.19	23.75	23.21	/	-0.35	23.84	23.4	22.86	33.01	PASS
	1	0	24.02	23.22	22.94	/	-0.35	23.67	22.87	22.59	33.01	PASS
		25	22.78	22.26	22.25	/	-0.35	22.43	21.91	21.9	33.01	PASS
		13	22.69	22.20	22.16	/	-0.35	22.34	21.85	21.81	33.01	PASS
	25	0	22.60	22.31	22.06	/	-0.35	22.25	21.96	21.71	33.01	PASS
		13	22.60	22.31	22.06	/	-0.35	22.25	21.96	21.71	33.01	PASS
		25	22.60	22.31	22.06	/	-0.35	22.25	21.96	21.71	33.01	PASS
16QAM	50	0	22.62	22.27	22.19	/	-0.35	22.27	21.92	21.84	33.01	PASS
		0	22.62	22.27	22.19	/	-0.35	22.27	21.92	21.84	33.01	PASS

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

Test Band: 38 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	24.84	24.05	24.30	/	-0.35	24.49	23.7	23.95	33.01	PASS
		38	24.48	23.94	23.92	/	-0.35	24.13	23.59	23.57	33.01	PASS
		74	24.36	24.14	23.69	/	-0.35	24.01	23.79	23.34	33.01	PASS
	36	0	23.52	23.05	23.34	/	-0.35	23.17	22.7	22.99	33.01	PASS
		18	23.49	23.01	23.16	/	-0.35	23.14	22.66	22.81	33.01	PASS
		39	23.32	23.10	23.05	/	-0.35	22.97	22.75	22.7	33.01	PASS
16QAM	75	0	23.45	23.04	23.17	/	-0.35	23.1	22.69	22.82	33.01	PASS
		18	24.28	23.30	22.96	/	-0.35	23.93	22.95	22.61	33.01	PASS
		38	24.07	22.82	22.94	/	-0.35	23.72	22.47	22.59	33.01	PASS

		74	23.76	23.40	22.76	/	-0.35	23.41	23.05	22.41	33.01	PASS
	36	0	22.68	22.00	22.33	/	-0.35	22.33	21.65	21.98	33.01	PASS
		18	22.67	21.97	22.25	/	-0.35	22.32	21.62	21.9	33.01	PASS
		39	22.47	22.17	22.01	/	-0.35	22.12	21.82	21.66	33.01	PASS
	75	0	22.56	22.15	22.28	/	-0.35	22.21	21.8	21.93	33.01	PASS
Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)												

Test Band: 38 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	24.72	24.23	23.89	/	-0.35	24.37	23.88	23.54	33.01	PASS	
		50	24.61	24.19	24.17	/	-0.35	24.26	23.84	23.82	33.01	PASS	
		99	24.11	24.44	23.52	/	-0.35	23.76	24.09	23.17	33.01	PASS	
	50	0	23.49	23.08	23.24	/	-0.35	23.14	22.73	22.89	33.01	PASS	
		25	23.44	23.20	23.31	/	-0.35	23.09	22.85	22.96	33.01	PASS	
		50	23.35	23.11	23.16	/	-0.35	23	22.76	22.81	33.01	PASS	
	100	0	23.47	23.19	23.15	/	-0.35	23.12	22.84	22.8	33.01	PASS	
			23.55	23.08	23.58	/	-0.35	23.2	22.73	23.23	33.01	PASS	
16QAM	1	50	23.48	23.22	24.04	/	-0.35	23.13	22.87	23.69	33.01	PASS	
		99	22.86	23.56	23.23	/	-0.35	22.51	23.21	22.88	33.01	PASS	
		0	22.64	22.25	22.64	/	-0.35	22.29	21.9	22.29	33.01	PASS	
	50	25	22.57	22.32	22.42	/	-0.35	22.22	21.97	22.07	33.01	PASS	
		50	22.37	22.26	22.28	/	-0.35	22.02	21.91	21.93	33.01	PASS	
		100	0	22.36	22.35	22.40	/	-0.35	22.01	22	22.05	33.01	PASS
	Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)												

Test Band: 40a_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	23.92	23.60	23.87	/	-1.26	22.66	22.34	22.61	23.98	PASS
		13	23.89	23.76	23.96	/	-1.26	22.63	22.5	22.7	23.98	PASS
		24	23.81	23.62	23.88	/	-1.26	22.55	22.36	22.62	23.98	PASS
	12	0	23.93	23.32	23.36	/	-1.26	22.67	22.06	22.1	23.98	PASS
		6	23.39	23.29	23.35	/	-1.26	22.13	22.03	22.09	23.98	PASS
		13	23.30	23.33	23.38	/	-1.26	22.04	22.07	22.12	23.98	PASS
	25	0	23.29	23.34	23.38	/	-1.26	22.03	22.08	22.12	23.98	PASS
			22.69	22.44	22.6	/	-1.26	21.43	21.18	21.34	23.98	PASS
16QAM	1	13	22.97	22.85	22.48	/	-1.26	21.71	21.59	21.22	23.98	PASS
		24	22.37	22.85	22.62	/	-1.26	21.11	21.59	21.36	23.98	PASS
		0	21.96	21.91	22	/	-1.26	20.7	20.65	20.74	23.98	PASS
	12	6	21.98	21.87	22.1	/	-1.26	20.72	20.61	20.84	23.98	PASS
		13	21.98	21.87	22.03	/	-1.26	20.72	20.61	20.77	23.98	PASS
		25	0	21.98	21.95	21.99	/	-1.26	20.72	20.69	20.73	23.98
Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)												

Test Band: 40a 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	/	23.90	/	/	-1.26	/	22.64	/	23.98	PASS	
		25	/	23.89	/	/	-1.26	/	22.63	/	23.98	PASS	
		49	/	23.89	/	/	-1.26	/	22.63	/	23.98	PASS	
	25	0	/	23.01	/	/	-1.26	/	21.75	/	23.98	PASS	
		13	/	22.96	/	/	-1.26	/	21.7	/	23.98	PASS	
		25	/	22.94	/	/	-1.26	/	21.68	/	23.98	PASS	
	50	0	/	23.02	/	/	-1.26	/	21.76	/	23.98	PASS	
	/		23.08	/	/	-1.26	/	21.82	/	23.98	PASS		
	25		/	23.07	/	/	-1.26	/	21.81	/	23.98	PASS	
16QAM	1	49	/	23.03	/	/	-1.26	/	21.77	/	23.98	PASS	
		25	0	/	21.89	/	/	-1.26	/	20.63	/	23.98	PASS
			13	/	21.89	/	/	-1.26	/	20.63	/	23.98	PASS
	25		25	/	21.89	/	/	-1.26	/	20.63	/	23.98	PASS
	50	0	/	21.85	/	/	-1.26	/	20.59	/	23.98	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: 40b 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	23.95	23.70	23.82	/	-1.26	22.69	22.44	22.56	23.98	PASS
		13	23.90	23.75	23.79	/	-1.26	22.64	22.49	22.53	23.98	PASS
		24	23.97	23.80	23.93	/	-1.26	22.71	22.54	22.67	23.98	PASS
	12	0	23.25	23.29	23.25	/	-1.26	21.99	22.03	21.99	23.98	PASS
		6	23.30	23.28	23.31	/	-1.26	22.04	22.02	22.05	23.98	PASS
		13	23.30	23.27	23.30	/	-1.26	22.04	22.01	22.04	23.98	PASS
	25	0	23.35	23.27	23.31	/	-1.26	22.09	22.01	22.05	23.98	PASS
	23.20		23.64	23.41	/	-1.26	21.94	22.38	22.15	23.98	PASS	
	13		23.25	23.69	23.27	/	-1.26	21.99	22.43	22.01	23.98	PASS
16QAM	24	23.09	23.65	23.25	/	-1.26	21.83	22.39	21.99	23.98	PASS	
	12	0	22.23	22.32	22.07	/	-1.26	20.97	21.06	20.81	23.98	PASS
		6	22.35	22.23	22.20	/	-1.26	21.09	20.97	20.94	23.98	PASS
		13	22.28	22.32	22.14	/	-1.26	21.02	21.06	20.88	23.98	PASS
	25	0	22.33	22.28	22.35	/	-1.26	21.07	21.02	21.09	23.98	PASS
	Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)											

Test Band: 40b 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	/	23.83	/	/	-1.26	/	22.57	/	23.98	PASS
		25	/	23.82	/	/	-1.26	/	22.56	/	23.98	PASS
		49	/	23.72	/	/	-1.26	/	22.46	/	23.98	PASS
	25	0	/	23.33	/	/	-1.26	/	22.07	/	23.98	PASS
		13	/	23.29	/	/	-1.26	/	22.03	/	23.98	PASS
		25	/	23.27	/	/	-1.26	/	22.01	/	23.98	PASS
16QAM	50	0	/	23.36	/	/	-1.26	/	22.1	/	23.98	PASS

16QAM	1		/	23.40	/	/	-1.26	/	22.14	/	23.98	PASS
		25	/	23.24	/	/	-1.26	/	21.98	/	23.98	PASS
		49	/	23.33	/	/	-1.26	/	22.07	/	23.98	PASS
	25	0	/	22.28	/	/	-1.26	/	21.02	/	23.98	PASS
		13	/	22.25	/	/	-1.26	/	20.99	/	23.98	PASS
		25	/	22.21	/	/	-1.26	/	20.95	/	23.98	PASS
	50	0	/	22.25	/	/	-1.26	/	20.99	/	23.98	PASS
	Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)											

6. Effective (Isotropic) Radiated Power Output Data

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	24.66	23.92	24.04	/	-0.68	23.98	23.24	23.36	33.01	PASS
		13	24.44	23.71	24.20	/	-0.68	23.76	23.03	23.52	33.01	PASS
		24	24.46	23.80	24.11	/	-0.68	23.78	23.12	23.43	33.01	PASS
	12	0	23.61	23.01	23.35	/	-0.68	22.93	22.33	22.67	33.01	PASS
		6	23.68	23.02	23.43	/	-0.68	23	22.34	22.75	33.01	PASS
		13	23.64	22.91	23.42	/	-0.68	22.96	22.23	22.74	33.01	PASS
	25	0	23.67	22.99	23.42	/	-0.68	22.99	22.31	22.74	33.01	PASS
	23.96		22.72	23.74	/	-0.68	23.28	22.04	23.06	33.01	PASS	
16QAM	1	13	23.65	22.69	23.74	/	-0.68	22.97	22.01	23.06	33.01	PASS
		24	23.67	22.65	23.64	/	-0.68	22.99	21.97	22.96	33.01	PASS
		0	22.57	21.77	22.41	/	-0.68	21.89	21.09	21.73	33.01	PASS
	12	6	22.51	21.90	22.54	/	-0.68	21.83	21.22	21.86	33.01	PASS
		13	22.55	21.79	22.40	/	-0.68	21.87	21.11	21.72	33.01	PASS
		25	0	22.62	21.95	22.45	/	-0.68	21.94	21.27	21.77	33.01

Note:
1) dBd = 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	24.62	24.01	24.48	/	-0.68	23.94	23.33	23.8	33.01	PASS	
		25	24.73	24.04	24.26	/	-0.68	24.05	23.36	23.58	33.01	PASS	
		49	24.73	23.75	24.26	/	-0.68	24.05	23.07	23.58	33.01	PASS	
	25	0	23.78	23.02	23.44	/	-0.68	23.1	22.34	22.76	33.01	PASS	
		13	23.76	22.99	23.38	/	-0.68	23.08	22.31	22.7	33.01	PASS	
		25	23.68	23.00	23.39	/	-0.68	23	22.32	22.71	33.01	PASS	
	50	0	23.76	23.03	23.41	/	-0.68	23.08	22.35	22.73	33.01	PASS	
			23.67	22.93	23.31	/	-0.68	22.99	22.25	22.63	33.01	PASS	
16QAM	1	25	24.19	23.44	23.45	/	-0.68	23.51	22.76	22.77	33.01	PASS	
		49	24.12	22.95	22.99	/	-0.68	23.44	22.27	22.31	33.01	PASS	
		0	22.77	21.99	22.41	/	-0.68	22.09	21.31	21.73	33.01	PASS	
	25	13	22.81	22.08	22.43	/	-0.68	22.13	21.4	21.75	33.01	PASS	
		25	22.67	21.87	22.30	/	-0.68	21.99	21.19	21.62	33.01	PASS	
		50	0	22.65	21.91	22.34	/	-0.68	21.97	21.23	21.66	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	24.64	24.18	24.35	/	-0.68	23.96	23.5	23.67	33.01	PASS
		38	24.41	23.87	24.14	/	-0.68	23.73	23.19	23.46	33.01	PASS
		74	24.43	23.90	24.36	/	-0.68	23.75	23.22	23.68	33.01	PASS
	36	0	23.53	22.97	23.37	/	-0.68	22.85	22.29	22.69	33.01	PASS
		18	23.55	22.98	23.46	/	-0.68	22.87	22.3	22.78	33.01	PASS
		39	23.45	22.95	23.31	/	-0.68	22.77	22.27	22.63	33.01	PASS
16QAM	75	0	23.54	22.92	23.34	/	-0.68	22.86	22.24	22.66	33.01	PASS
			23.82	23.53	22.95	/	-0.68	23.14	22.85	22.27	33.01	PASS
			23.72	22.89	22.98	/	-0.68	23.04	22.21	22.3	33.01	PASS
	1	74	23.52	22.71	23.32	/	-0.68	22.84	22.03	22.64	33.01	PASS
		0	22.53	21.86	22.29	/	-0.68	21.85	21.18	21.61	33.01	PASS
		18	22.54	22.00	22.28	/	-0.68	21.86	21.32	21.6	33.01	PASS
	36	39	22.44	21.84	22.18	/	-0.68	21.76	21.16	21.5	33.01	PASS
		0	22.53	21.97	22.28	/	-0.68	21.85	21.29	21.6	33.01	PASS

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	24.69	24.12	24.26	/	-0.68	24.01	23.44	23.58	33.01	PASS
		50	24.71	24.19	24.25	/	-0.68	24.03	23.51	23.57	33.01	PASS
		99	24.50	24.01	24.29	/	-0.68	23.82	23.33	23.61	33.01	PASS
	50	0	23.65	23.09	23.29	/	-0.68	22.97	22.41	22.61	33.01	PASS
		25	23.58	23.07	23.50	/	-0.68	22.9	22.39	22.82	33.01	PASS
		50	23.52	22.99	23.37	/	-0.68	22.84	22.31	22.69	33.01	PASS
16QAM	100	0	23.60	23.07	23.25	/	-0.68	22.92	22.39	22.57	33.01	PASS
			23.31	23.55	23.88	/	-0.68	22.63	22.87	23.2	33.01	PASS
			23.66	23.73	24.20	/	-0.68	22.98	23.05	23.52	33.01	PASS
	1	99	23.15	23.45	23.79	/	-0.68	22.47	22.77	23.11	33.01	PASS
		0	22.56	22.10	22.44	/	-0.68	21.88	21.42	21.76	33.01	PASS
		25	22.63	21.94	22.52	/	-0.68	21.95	21.26	21.84	33.01	PASS
	50	50	22.42	21.97	22.34	/	-0.68	21.74	21.29	21.66	33.01	PASS
		0	22.56	22.03	22.35	/	-0.68	21.88	21.35	21.67	33.01	PASS

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