

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	23.25	23.20	22.90	/	0.80	24.05	24	23.7	33.01	PASS
		2	23.23	23.00	23.01	/	0.80	24.03	23.8	23.81	33.01	PASS
		5	23.05	22.92	22.90	/	0.80	23.85	23.72	23.7	33.01	PASS
	3	0	23.08	23.05	22.99	/	0.80	23.88	23.85	23.79	33.01	PASS
		2	23.20	23.07	23.01	/	0.80	24	23.87	23.81	33.01	PASS
		3	23.06	23.04	23.01	/	0.80	23.86	23.84	23.81	33.01	PASS
	6	0	22.13	22.02	21.95	/	0.80	22.93	22.82	22.75	33.01	PASS
	22.55		22.44	22.43	/	0.80	23.35	23.24	23.23	33.01	PASS	
16QAM	1	2	22.63	22.52	22.43	/	0.80	23.43	23.32	23.23	33.01	PASS
		5	22.54	22.48	22.34	/	0.80	23.34	23.28	23.14	33.01	PASS
		0	22.43	22.71	22.38	/	0.80	23.23	23.51	23.18	33.01	PASS
	3	2	22.48	22.75	22.33	/	0.80	23.28	23.55	23.13	33.01	PASS
		3	22.43	22.71	22.21	/	0.80	23.23	23.51	23.01	33.01	PASS
		6	0	21.47	21.53	21.06	/	0.80	22.27	22.33	21.86	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	23.19	23.19	23.01	/	0.80	23.99	23.99	23.81	33.01	PASS
		7	23.21	23.19	23.10	/	0.80	24.01	23.99	23.9	33.01	PASS
		14	22.99	23.09	22.99	/	0.80	23.79	23.89	23.79	33.01	PASS
	8	0	22.33	22.18	21.99	/	0.80	23.13	22.98	22.79	33.01	PASS
		4	22.47	22.17	22.03	/	0.80	23.27	22.97	22.83	33.01	PASS
		7	22.48	22.21	21.97	/	0.80	23.28	23.01	22.77	33.01	PASS
	15	0	22.30	22.16	21.99	/	0.80	23.1	22.96	22.79	33.01	PASS
	23.01		22.60	22.69	/	0.80	23.81	23.4	23.49	33.01	PASS	
16QAM	1	7	23.11	22.72	22.67	/	0.80	23.91	23.52	23.47	33.01	PASS
		14	22.97	22.59	22.42	/	0.80	23.77	23.39	23.22	33.01	PASS
		0	21.63	21.59	21.31	/	0.80	22.43	22.39	22.11	33.01	PASS
	8	4	21.65	21.64	21.34	/	0.80	22.45	22.44	22.14	33.01	PASS
		7	21.62	21.60	21.12	/	0.80	22.42	22.4	21.92	33.01	PASS
		15	0	21.55	21.59	21.16	/	0.80	22.35	22.39	21.96	33.01
	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	23.13	23.17	22.96	/	0.80	23.93	23.97	23.76	33.01	PASS
		13	23.07	23.06	23.00	/	0.80	23.87	23.86	23.8	33.01	PASS
		24	22.96	22.97	22.94	/	0.80	23.76	23.77	23.74	33.01	PASS
	12	0	22.20	22.15	22.04	/	0.80	23	22.95	22.84	33.01	PASS
		6	22.38	22.17	22.05	/	0.80	23.18	22.97	22.85	33.01	PASS
		13	22.42	22.03	21.99	/	0.80	23.22	22.83	22.79	33.01	PASS
	25	0	22.37	22.11	22.01	/	0.80	23.17	22.91	22.81	33.01	PASS

16QAM	1		22.29	22.60	22.66	/	0.80	23.09	23.4	23.46	33.01	PASS
		13	22.37	22.68	22.68	/	0.80	23.17	23.48	23.48	33.01	PASS
		24	22.28	22.56	22.21	/	0.80	23.08	23.36	23.01	33.01	PASS
	12	0	21.42	21.49	21.16	/	0.80	22.22	22.29	21.96	33.01	PASS
		6	21.51	21.56	21.12	/	0.80	22.31	22.36	21.92	33.01	PASS
		13	21.48	21.50	21.02	/	0.80	22.28	22.3	21.82	33.01	PASS
	25	0	21.52	21.54	21.04	/	0.80	22.32	22.34	21.84	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	23.06	23.16	23.01	/	0.80	23.86	23.96	23.81	33.01	PASS
		25	23.20	23.24	23.13	/	0.80	24	24.04	23.93	33.01	PASS
		49	22.96	23.08	22.97	/	0.80	23.76	23.88	23.77	33.01	PASS
	25	0	22.21	22.13	22.11	/	0.80	23.01	22.93	22.91	33.01	PASS
		13	22.32	22.15	22.06	/	0.80	23.12	22.95	22.86	33.01	PASS
		25	22.36	22.19	22.03	/	0.80	23.16	22.99	22.83	33.01	PASS
	50	0	22.28	22.13	22.07	/	0.80	23.08	22.93	22.87	33.01	PASS
16QAM	1	0	23.03	22.59	22.61	/	0.80	23.83	23.39	23.41	33.01	PASS
		25	23.14	22.78	22.62	/	0.80	23.94	23.58	23.42	33.01	PASS
		49	23.02	22.57	22.39	/	0.80	23.82	23.37	23.19	33.01	PASS
	25	0	21.61	21.69	21.15	/	0.80	22.41	22.49	21.95	33.01	PASS
		13	21.62	21.66	21.14	/	0.80	22.42	22.46	21.94	33.01	PASS
		25	21.62	21.69	21.07	/	0.80	22.42	22.49	21.87	33.01	PASS
	50	0	21.58	21.61	21.13	/	0.80	22.38	22.41	21.93	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	23.02	23.08	23.01	/	0.80	23.82	23.88	23.81	33.01	PASS
		38	23.04	23.12	23.04	/	0.80	23.84	23.92	23.84	33.01	PASS
		74	22.90	22.90	22.88	/	0.80	23.7	23.7	23.68	33.01	PASS
	36	0	22.29	22.19	22.07	/	0.80	23.09	22.99	22.87	33.01	PASS
		18	22.36	22.15	22.11	/	0.80	23.16	22.95	22.91	33.01	PASS
		39	22.37	22.16	22.09	/	0.80	23.17	22.96	22.89	33.01	PASS
	75	0	22.41	22.18	22.11	/	0.80	23.21	22.98	22.91	33.01	PASS
16QAM	1	0	23.00	22.92	22.59	/	0.80	23.8	23.72	23.39	33.01	PASS
		38	23.07	22.97	22.37	/	0.80	23.87	23.77	23.17	33.01	PASS
		74	22.95	22.71	22.12	/	0.80	23.75	23.51	22.92	33.01	PASS
	36	0	21.61	21.57	21.31	/	0.80	22.41	22.37	22.11	33.01	PASS
		18	21.59	21.60	21.25	/	0.80	22.39	22.4	22.05	33.01	PASS
		39	21.56	21.56	21.11	/	0.80	22.36	22.36	21.91	33.01	PASS
	75	0	21.60	21.59	21.13	/	0.80	22.4	22.39	21.93	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	22.78	22.89	22.86	/	0.80	23.58	23.69	23.66	33.01	PASS
		50	23.15	23.24	23.18	/	0.80	23.95	24.04	23.98	33.01	PASS
		99	22.75	22.78	22.72	/	0.80	23.55	23.58	23.52	33.01	PASS
	50	0	22.09	22.12	22.05	/	0.80	22.89	22.92	22.85	33.01	PASS
		25	22.16	22.07	22.07	/	0.80	22.96	22.87	22.87	33.01	PASS
		50	22.06	22.04	21.99	/	0.80	22.86	22.84	22.79	33.01	PASS
	100	0	22.10	22.08	22.06	/	0.80	22.9	22.88	22.86	33.01	PASS
		0	22.84	22.57	22.41	/	0.80	23.64	23.37	23.21	33.01	PASS
		0	23.20	22.90	22.49	/	0.80	24	23.7	23.29	33.01	PASS
16QAM	1	99	22.83	22.27	22.03	/	0.80	23.63	23.07	22.83	33.01	PASS
		0	21.58	21.46	21.14	/	0.80	22.38	22.26	21.94	33.01	PASS
		25	21.59	21.53	21.14	/	0.80	22.39	22.33	21.94	33.01	PASS
	50	50	21.49	21.46	21.01	/	0.80	22.29	22.26	21.81	33.01	PASS
		0	21.58	21.42	21.09	/	0.80	22.38	22.22	21.89	33.01	PASS
		0	21.58	21.42	21.09	/	0.80	22.38	22.22	21.89	33.01	PASS
	100	0	21.58	21.42	21.09	/	0.80	22.38	22.22	21.89	33.01	PASS
		0	21.58	21.42	21.09	/	0.80	22.38	22.22	21.89	33.01	PASS
		0	21.58	21.42	21.09	/	0.80	22.38	22.22	21.89	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	23.42	23.50	23.61	/	0.80	24.22	24.3	24.41	30.00	PASS
		2	23.54	23.64	23.68	/	0.80	24.34	24.44	24.48	30.00	PASS
		5	23.43	23.49	23.60	/	0.80	24.23	24.29	24.4	30.00	PASS
	3	0	23.50	23.63	23.64	/	0.80	24.3	24.43	24.44	30.00	PASS
		2	23.54	23.65	23.71	/	0.80	24.34	24.45	24.51	30.00	PASS
		3	23.51	23.63	23.68	/	0.80	24.31	24.43	24.48	30.00	PASS
	6	0	22.46	22.59	22.65	/	0.80	23.26	23.39	23.45	30.00	PASS
		0	22.57	22.52	22.54	/	0.80	23.37	23.32	23.34	30.00	PASS
		2	22.68	22.61	22.63	/	0.80	23.48	23.41	23.43	30.00	PASS
16QAM	1	5	22.53	22.52	22.55	/	0.80	23.33	23.32	23.35	30.00	PASS
		0	22.46	22.78	22.82	/	0.80	23.26	23.58	23.62	30.00	PASS
		2	22.51	22.84	22.83	/	0.80	23.31	23.64	23.63	30.00	PASS
	3	3	22.49	22.79	22.84	/	0.80	23.29	23.59	23.64	30.00	PASS
		0	21.51	21.60	21.63	/	0.80	22.31	22.4	22.43	30.00	PASS
		0	21.51	21.60	21.63	/	0.80	22.31	22.4	22.43	30.00	PASS
	6	0	21.51	21.60	21.63	/	0.80	22.31	22.4	22.43	30.00	PASS
		0	21.51	21.60	21.63	/	0.80	22.31	22.4	22.43	30.00	PASS
		0	21.51	21.60	21.63	/	0.80	22.31	22.4	22.43	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	23.50	23.69	23.68	/	0.80	24.3	24.49	24.48	30.00	PASS
		7	23.64	23.80	23.79	/	0.80	24.44	24.6	24.59	30.00	PASS
		14	23.45	23.62	23.63	/	0.80	24.25	24.42	24.43	30.00	PASS
	8	0	22.50	22.66	22.70	/	0.80	23.3	23.46	23.5	30.00	PASS
		4	22.54	22.65	22.71	/	0.80	23.34	23.45	23.51	30.00	PASS
		7	22.50	22.64	22.66	/	0.80	23.3	23.44	23.46	30.00	PASS
	15	0	22.49	22.61	22.67	/	0.80	23.29	23.41	23.47	30.00	PASS
		0	23.08	22.70	22.80	/	0.80	23.88	23.5	23.6	30.00	PASS
		7	23.18	22.81	22.94	/	0.80	23.98	23.61	23.74	30.00	PASS
16QAM	1	14	22.99	22.61	22.78	/	0.80	23.79	23.41	23.58	30.00	PASS
		14	22.99	22.61	22.78	/	0.80	23.79	23.41	23.58	30.00	PASS

	8	0	21.65	21.67	21.66	/	0.80	22.45	22.47	22.46	30.00	PASS
		4	21.70	21.72	21.63	/	0.80	22.5	22.52	22.43	30.00	PASS
		7	21.67	21.67	21.61	/	0.80	22.47	22.47	22.41	30.00	PASS
	15	0	21.58	21.63	21.61	/	0.80	22.38	22.43	22.41	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	23.41	23.53	23.56	/	0.80	24.21	24.33	24.36	30.00	PASS
		13	23.55	23.68	23.69	/	0.80	24.35	24.48	24.49	30.00	PASS
		24	23.42	23.51	23.57	/	0.80	24.22	24.31	24.37	30.00	PASS
	12	0	22.49	22.58	22.66	/	0.80	23.29	23.38	23.46	30.00	PASS
		6	22.55	22.67	22.70	/	0.80	23.35	23.47	23.5	30.00	PASS
		13	22.47	22.55	22.63	/	0.80	23.27	23.35	23.43	30.00	PASS
16QAM	1	0	22.47	22.57	22.67	/	0.80	23.27	23.37	23.47	30.00	PASS
			22.27	22.62	22.80	/	0.80	23.07	23.42	23.6	30.00	PASS
		13	22.41	22.75	22.95	/	0.80	23.21	23.55	23.75	30.00	PASS
	12	24	22.24	22.60	22.77	/	0.80	23.04	23.4	23.57	30.00	PASS
		0	21.44	21.50	21.66	/	0.80	22.24	22.3	22.46	30.00	PASS
		6	21.53	21.62	21.73	/	0.80	22.33	22.42	22.53	30.00	PASS
	25	13	21.43	21.53	21.66	/	0.80	22.23	22.33	22.46	30.00	PASS
		0	21.47	21.55	21.65	/	0.80	22.27	22.35	22.45	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	23.47	23.61	23.62	/	0.80	24.27	24.41	24.42	30.00	PASS
		25	23.66	23.73	23.80	/	0.80	24.46	24.53	24.6	30.00	PASS
		49	23.50	23.57	23.64	/	0.80	24.3	24.37	24.44	30.00	PASS
	25	0	22.50	22.65	22.68	/	0.80	23.3	23.45	23.48	30.00	PASS
		13	22.51	22.58	22.66	/	0.80	23.31	23.38	23.46	30.00	PASS
		25	22.55	22.56	22.60	/	0.80	23.35	23.36	23.4	30.00	PASS
16QAM	1	0	22.53	22.57	22.61	/	0.80	23.33	23.37	23.41	30.00	PASS
			22.64	23.13	22.60	/	0.80	23.44	23.93	23.4	30.00	PASS
		25	22.82	23.27	22.77	/	0.80	23.62	24.07	23.57	30.00	PASS
	25	49	22.70	23.07	22.57	/	0.80	23.5	23.87	23.37	30.00	PASS
		0	21.52	21.63	21.77	/	0.80	22.32	22.43	22.57	30.00	PASS
		13	21.54	21.65	21.72	/	0.80	22.34	22.45	22.52	30.00	PASS
	50	25	21.53	21.63	21.68	/	0.80	22.33	22.43	22.48	30.00	PASS
		0	21.50	21.57	21.65	/	0.80	22.3	22.37	22.45	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	23.45	23.51	23.52	/	0.80	24.25	24.31	24.32	30.00	PASS
		38	23.59	23.62	23.68	/	0.80	24.39	24.42	24.48	30.00	PASS
		74	23.45	23.44	23.48	/	0.80	24.25	24.24	24.28	30.00	PASS

	36	0	22.54	22.65	22.72	/	0.80	23.34	23.45	23.52	30.00	PASS
		18	22.60	22.68	22.74	/	0.80	23.4	23.48	23.54	30.00	PASS
		39	22.59	22.65	22.69	/	0.80	23.39	23.45	23.49	30.00	PASS
	75	0	22.60	22.67	22.72	/	0.80	23.4	23.47	23.52	30.00	PASS
16QAM	1		22.81	22.69	23.04	/	0.80	23.61	23.49	23.84	30.00	PASS
		38	22.93	22.79	23.19	/	0.80	23.73	23.59	23.99	30.00	PASS
		74	22.77	22.57	23.00	/	0.80	23.57	23.37	23.8	30.00	PASS
	36	0	21.55	21.61	21.65	/	0.80	22.35	22.41	22.45	30.00	PASS
		18	21.54	21.63	21.68	/	0.80	22.34	22.43	22.48	30.00	PASS
		39	21.57	21.61	21.66	/	0.80	22.37	22.41	22.46	30.00	PASS
	75	0	21.53	21.62	21.66	/	0.80	22.33	22.42	22.46	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	23.23	23.33	23.36	/	0.80	24.03	24.13	24.16	30.00	PASS
		50	23.73	23.80	23.74	/	0.80	24.53	24.6	24.54	30.00	PASS
		99	23.25	23.30	23.32	/	0.80	24.05	24.1	24.12	30.00	PASS
	50	0	22.56	22.62	22.68	/	0.80	23.36	23.42	23.48	30.00	PASS
		25	22.54	22.65	22.66	/	0.80	23.34	23.45	23.46	30.00	PASS
		50	22.54	22.58	22.57	/	0.80	23.34	23.38	23.37	30.00	PASS
	100	0	22.58	22.61	22.61	/	0.80	23.38	23.41	23.41	30.00	PASS
			22.82	22.52	22.62	/	0.80	23.62	23.32	23.42	30.00	PASS
16QAM	1	50	23.28	22.94	23.00	/	0.80	24.08	23.74	23.8	30.00	PASS
		99	22.85	22.43	22.54	/	0.80	23.65	23.23	23.34	30.00	PASS
		50	0	21.56	21.62	21.62	/	0.80	22.36	22.42	22.42	30.00
	25		21.60	21.59	21.63	/	0.80	22.4	22.39	22.43	30.00	PASS
	50		21.55	21.60	21.54	/	0.80	22.35	22.4	22.34	30.00	PASS
	100	0	21.58	21.61	21.60	/	0.80	22.38	22.41	22.4	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	23.82	23.95	24.00	-1.65	0.50	22.17	22.30	22.35	40.61	PASS
		2	23.94	24.05	24.09	-1.65	0.50	22.29	22.40	22.44	40.61	PASS
		5	23.87	23.97	24.02	-1.65	0.50	22.22	22.32	22.37	40.61	PASS
	3	0	23.87	24.05	24.11	-1.65	0.50	22.22	22.40	22.46	40.61	PASS
		2	23.93	24.09	24.15	-1.65	0.50	22.28	22.44	22.50	40.61	PASS
		3	23.92	24.08	24.13	-1.65	0.50	22.27	22.43	22.48	40.61	PASS
	6	0	22.90	23.07	23.10	-1.65	0.50	21.25	21.42	21.45	40.61	PASS
16QAM	1		22.95	22.90	22.96	-1.65	0.50	21.30	21.25	21.31	40.61	PASS
		2	23.06	23.00	23.06	-1.65	0.50	21.41	21.35	21.41	40.61	PASS
		5	23.00	22.95	22.99	-1.65	0.50	21.35	21.30	21.34	40.61	PASS
	3	0	22.86	23.15	23.22	-1.65	0.50	21.21	21.50	21.57	40.61	PASS
		2	22.91	23.21	23.29	-1.65	0.50	21.26	21.56	21.64	40.61	PASS
		3	22.89	23.17	23.24	-1.65	0.50	21.24	21.52	21.59	40.61	PASS

	6	0	21.96	22.08	22.11	-1.65	0.50	20.31	20.43	20.46	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	23.93	24.02	24.10	-1.65	0.50	22.28	22.37	22.45	40.61	PASS	
		7	24.06	24.17	24.21	-1.65	0.50	22.41	22.52	22.56	40.61	PASS	
		14	23.94	24.03	24.05	-1.65	0.50	22.29	22.38	22.40	40.61	PASS	
	8	0	22.92	23.10	23.11	-1.65	0.50	21.27	21.45	21.46	40.61	PASS	
		4	22.96	23.08	23.14	-1.65	0.50	21.31	21.43	21.49	40.61	PASS	
		7	22.93	23.03	23.06	-1.65	0.50	21.28	21.38	21.41	40.61	PASS	
	15	0	22.91	23.04	23.06	-1.65	0.50	21.26	21.39	21.41	40.61	PASS	
			22.91	23.16	23.55	-1.65	0.50	21.26	21.51	21.90	40.61	PASS	
16QAM	1	7	23.10	23.31	23.68	-1.65	0.50	21.45	21.66	22.03	40.61	PASS	
		14	22.92	23.20	23.52	-1.65	0.50	21.27	21.55	21.87	40.61	PASS	
		8	0	22.01	22.08	22.27	-1.65	0.50	20.36	20.43	20.62	40.61	PASS
	8	4	22.06	22.09	22.32	-1.65	0.50	20.41	20.44	20.67	40.61	PASS	
		7	22.02	22.03	22.25	-1.65	0.50	20.37	20.38	20.60	40.61	PASS	
		15	0	21.98	22.02	22.18	-1.65	0.50	20.33	20.37	20.53	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	23.80	23.91	23.99	-1.65	0.50	22.15	22.26	22.34	40.61	PASS
		13	23.96	24.06	24.15	-1.65	0.50	22.31	22.41	22.50	40.61	PASS
		24	23.84	23.99	23.99	-1.65	0.50	22.19	22.34	22.34	40.61	PASS
	12	0	22.84	23.10	23.06	-1.65	0.50	21.19	21.45	21.41	40.61	PASS
		6	22.97	23.11	23.11	-1.65	0.50	21.32	21.46	21.46	40.61	PASS
		13	23.02	23.00	22.92	-1.65	0.50	21.37	21.35	21.27	40.61	PASS
16QAM	1	0	22.92	23.04	23.00	-1.65	0.50	21.27	21.39	21.35	40.61	PASS
			23.00	22.75	23.09	-1.65	0.50	21.35	21.10	21.44	40.61	PASS
			23.21	22.94	23.18	-1.65	0.50	21.56	21.29	21.53	40.61	PASS
	12	24	23.04	22.84	23.06	-1.65	0.50	21.39	21.19	21.41	40.61	PASS
		0	21.91	22.08	22.05	-1.65	0.50	20.26	20.43	20.40	40.61	PASS
		6	22.01	22.12	22.13	-1.65	0.50	20.36	20.47	20.48	40.61	PASS
	25	13	22.06	22.01	21.95	-1.65	0.50	20.41	20.36	20.30	40.61	PASS
		0	21.96	22.09	22.08	-1.65	0.50	20.31	20.44	20.43	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	23.88	24.05	24.10	-1.65	0.50	22.23	22.40	22.45	40.61	PASS
		25	24.13	24.22	24.19	-1.65	0.50	22.48	22.57	22.54	40.61	PASS
		49	23.96	24.04	24.05	-1.65	0.50	22.31	22.39	22.40	40.61	PASS

16QAM	25	0	22.84	23.23	23.04	-1.65	0.50	21.19	21.58	21.39	40.61	PASS
		13	23.01	23.04	23.11	-1.65	0.50	21.36	21.39	21.46	40.61	PASS
		25	22.92	23.04	22.98	-1.65	0.50	21.27	21.39	21.33	40.61	PASS
	50	0	22.92	23.14	23.00	-1.65	0.50	21.27	21.49	21.35	40.61	PASS
			23.37	23.00	23.24	-1.65	0.50	21.72	21.35	21.59	40.61	PASS
		25	23.59	23.22	23.36	-1.65	0.50	21.94	21.57	21.71	40.61	PASS
	1	49	23.37	23.06	23.19	-1.65	0.50	21.72	21.41	21.54	40.61	PASS
16QAM	25	0	21.92	22.33	22.15	-1.65	0.50	20.27	20.68	20.50	40.61	PASS
		13	22.07	22.16	22.14	-1.65	0.50	20.42	20.51	20.49	40.61	PASS
		25	21.98	22.16	22.02	-1.65	0.50	20.33	20.51	20.37	40.61	PASS
	50	0	21.91	22.19	22.04	-1.65	0.50	20.26	20.54	20.39	40.61	PASS
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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: 12 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	23.23	23.14	23.08	-1.65	0.50	21.58	21.49	21.43	34.77	PASS
		2	23.35	23.25	23.28	-1.65	0.50	21.70	21.60	21.63	34.77	PASS
		5	23.23	23.15	23.12	-1.65	0.50	21.58	21.50	21.47	34.77	PASS
	3	0	23.34	23.26	23.19	-1.65	0.50	21.69	21.61	21.54	34.77	PASS
		2	23.37	23.28	23.24	-1.65	0.50	21.72	21.63	21.59	34.77	PASS
		3	23.32	23.25	23.20	-1.65	0.50	21.67	21.60	21.55	34.77	PASS
	6	0	22.38	22.27	22.24	-1.65	0.50	20.73	20.62	20.59	34.77	PASS
16QAM	1	0	22.46	22.16	22.10	-1.65	0.50	20.81	20.51	20.45	34.77	PASS
		2	22.56	22.29	22.27	-1.65	0.50	20.91	20.64	20.62	34.77	PASS
		5	22.43	22.13	22.17	-1.65	0.50	20.78	20.48	20.52	34.77	PASS
	3	0	22.33	22.45	22.26	-1.65	0.50	20.68	20.80	20.61	34.77	PASS
		2	22.36	22.49	22.27	-1.65	0.50	20.71	20.84	20.62	34.77	PASS
		3	22.35	22.45	22.23	-1.65	0.50	20.70	20.80	20.58	34.77	PASS
	6	0	21.39	21.28	21.17	-1.65	0.50	19.74	19.63	19.52	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	23.25	23.19	23.16	-1.65	0.50	21.60	21.54	21.51	34.77	PASS
		7	23.38	23.29	23.26	-1.65	0.50	21.73	21.64	21.61	34.77	PASS
		14	23.18	23.11	23.13	-1.65	0.50	21.53	21.46	21.48	34.77	PASS
	8	0	22.31	22.23	22.19	-1.65	0.50	20.66	20.58	20.54	34.77	PASS
		4	22.34	22.23	22.18	-1.65	0.50	20.69	20.58	20.53	34.77	PASS
		7	22.24	22.19	22.17	-1.65	0.50	20.59	20.54	20.52	34.77	PASS
	15	0	22.26	22.20	22.14	-1.65	0.50	20.61	20.55	20.49	34.77	PASS
16QAM	1	0	22.46	22.76	22.24	-1.65	0.50	20.81	21.11	20.59	34.77	PASS
		7	22.58	22.90	22.32	-1.65	0.50	20.93	21.25	20.67	34.77	PASS
		14	22.40	22.65	22.13	-1.65	0.50	20.75	21.00	20.48	34.77	PASS
	8	0	21.28	21.34	21.22	-1.65	0.50	19.63	19.69	19.57	34.77	PASS

		4	21.31	21.38	21.24	-1.65	0.50	19.66	19.73	19.59	34.77	PASS
		7	21.24	21.33	21.20	-1.65	0.50	19.59	19.68	19.55	34.77	PASS
	15	0	21.24	21.26	21.18	-1.65	0.50	19.59	19.61	19.53	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	23.19	23.09	23.07	-1.65	0.50	21.54	21.44	21.42	34.77	PASS	
		13	23.25	23.21	23.15	-1.65	0.50	21.60	21.56	21.50	34.77	PASS	
		24	23.13	23.05	23.03	-1.65	0.50	21.48	21.40	21.38	34.77	PASS	
	12	0	22.28	22.20	22.21	-1.65	0.50	20.63	20.55	20.56	34.77	PASS	
		6	22.31	22.29	22.23	-1.65	0.50	20.66	20.64	20.58	34.77	PASS	
		13	22.29	22.20	22.09	-1.65	0.50	20.64	20.55	20.44	34.77	PASS	
	25	0	22.24	22.20	22.15	-1.65	0.50	20.59	20.55	20.50	34.77	PASS	
	22.34		22.41	21.96	-1.65	0.50	20.69	20.76	20.31	34.77	PASS		
16QAM	1	13	22.40	22.48	22.02	-1.65	0.50	20.75	20.83	20.37	34.77	PASS	
		24	22.25	22.40	21.90	-1.65	0.50	20.60	20.75	20.25	34.77	PASS	
		12	0	21.26	21.18	21.21	-1.65	0.50	19.61	19.53	19.56	34.77	PASS
	6		21.29	21.27	21.18	-1.65	0.50	19.64	19.62	19.53	34.77	PASS	
	13		21.25	21.21	21.09	-1.65	0.50	19.60	19.56	19.44	34.77	PASS	
	25	0	21.26	21.17	21.17	-1.65	0.50	19.61	19.52	19.52	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	23.29	23.24	23.24	-1.65	0.50	21.64	21.59	21.59	34.77	PASS
		25	23.40	23.31	23.35	-1.65	0.50	21.75	21.66	21.70	34.77	PASS
		49	23.08	23.09	23.13	-1.65	0.50	21.43	21.44	21.48	34.77	PASS
	25	0	22.32	22.29	22.31	-1.65	0.50	20.67	20.64	20.66	34.77	PASS
		13	22.33	22.29	22.23	-1.65	0.50	20.68	20.64	20.58	34.77	PASS
		25	22.29	22.21	22.16	-1.65	0.50	20.64	20.56	20.51	34.77	PASS
	50	0	22.34	22.23	22.25	-1.65	0.50	20.69	20.58	20.60	34.77	PASS
			22.48	22.82	22.31	-1.65	0.50	20.83	21.17	20.66	34.77	PASS
16QAM	1	25	22.59	22.92	22.39	-1.65	0.50	20.94	21.27	20.74	34.77	PASS
		49	22.33	22.70	22.14	-1.65	0.50	20.68	21.05	20.49	34.77	PASS
		25	0	21.36	21.35	21.40	-1.65	0.50	19.71	19.70	19.75	34.77
	13		21.33	21.33	21.28	-1.65	0.50	19.68	19.68	19.63	34.77	PASS
	25		21.33	21.30	21.25	-1.65	0.50	19.68	19.65	19.60	34.77	PASS
	50	0	21.35	21.26	21.25	-1.65	0.50	19.70	19.61	19.60	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)									

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	23.22	23.24	23.19	-1.65	0.50	21.57	21.59	21.54	34.77	PASS	
		13	23.32	23.32	23.23	-1.65	0.50	21.67	21.67	21.58	34.77	PASS	
		24	23.19	23.17	23.17	-1.65	0.50	21.54	21.52	21.52	34.77	PASS	
	12	0	22.22	22.25	22.29	-1.65	0.50	20.57	20.60	20.64	34.77	PASS	
		6	22.31	22.36	22.32	-1.65	0.50	20.66	20.71	20.67	34.77	PASS	
		13	22.36	22.29	22.15	-1.65	0.50	20.71	20.64	20.50	34.77	PASS	
	25	0	22.27	22.26	22.21	-1.65	0.50	20.62	20.61	20.56	34.77	PASS	
			22.11	22.35	22.45	-1.65	0.50	20.46	20.70	20.80	34.77	PASS	
16QAM	1	13	22.20	22.41	22.53	-1.65	0.50	20.55	20.76	20.88	34.77	PASS	
		24	22.08	22.26	22.48	-1.65	0.50	20.43	20.61	20.83	34.77	PASS	
		0	21.18	21.17	21.30	-1.65	0.50	19.53	19.52	19.65	34.77	PASS	
	12	6	21.30	21.27	21.32	-1.65	0.50	19.65	19.62	19.67	34.77	PASS	
		13	21.33	21.24	21.13	-1.65	0.50	19.68	19.59	19.48	34.77	PASS	
		25	0	21.29	21.24	21.17	-1.65	0.50	19.64	19.59	19.52	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	/	23.31	/	-1.65	0.50	/	21.66	/	34.77	PASS
		25	/	23.49	/	-1.65	0.50	/	21.84	/	34.77	PASS
		49	/	23.26	/	-1.65	0.50	/	21.61	/	34.77	PASS
	25	0	/	22.16	/	-1.65	0.50	/	20.51	/	34.77	PASS
		13	/	22.34	/	-1.65	0.50	/	20.69	/	34.77	PASS
		25	/	22.16	/	-1.65	0.50	/	20.51	/	34.77	PASS
	50	0	/	22.16	/	-1.65	0.50	/	20.51	/	34.77	PASS
			/	22.36	/	-1.65	0.50	/	20.71	/	34.77	PASS
16QAM	1	25	/	22.45	/	-1.65	0.50	/	20.80	/	34.77	PASS
		49	/	22.28	/	-1.65	0.50	/	20.63	/	34.77	PASS
		25	0	/	21.22	/	-1.65	0.50	/	19.57	/	34.77
	13		/	21.39	/	-1.65	0.50	/	19.74	/	34.77	PASS
	25		/	21.21	/	-1.65	0.50	/	19.56	/	34.77	PASS
	50	0	/	21.19	/	-1.65	0.50	/	19.54	/	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	23.14	23.13	23.14	-1.65	0.50	21.49	21.48	21.49	34.77	PASS
		13	23.22	23.21	23.18	-1.65	0.50	21.57	21.56	21.53	34.77	PASS
		24	23.08	23.04	23.06	-1.65	0.50	21.43	21.39	21.41	34.77	PASS
	12	0	22.20	22.26	22.27	-1.65	0.50	20.55	20.61	20.62	34.77	PASS
		6	22.27	22.20	22.28	-1.65	0.50	20.62	20.55	20.63	34.77	PASS

		13	22.22	22.19	22.15	-1.65	0.50	20.57	20.54	20.50	34.77	PASS
	25	0	22.25	22.20	22.20	-1.65	0.50	20.60	20.55	20.55	34.77	PASS
16QAM	1		22.46	22.03	22.27	-1.65	0.50	20.81	20.38	20.62	34.77	PASS
		13	22.49	22.07	22.31	-1.65	0.50	20.84	20.42	20.66	34.77	PASS
		24	22.38	21.94	22.18	-1.65	0.50	20.73	20.29	20.53	34.77	PASS
	12	0	21.26	21.21	21.22	-1.65	0.50	19.61	19.56	19.57	34.77	PASS
		6	21.33	21.21	21.24	-1.65	0.50	19.68	19.56	19.59	34.77	PASS
		13	21.28	21.15	21.14	-1.65	0.50	19.63	19.50	19.49	34.77	PASS
		25	0	21.23	21.20	21.21	-1.65	0.50	19.58	19.55	19.56	34.77
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	23.24	23.25	23.25	-1.65	0.50	21.59	21.60	21.60	34.77	PASS
		25	23.29	23.32	23.30	-1.65	0.50	21.64	21.67	21.65	34.77	PASS
		49	23.08	23.17	23.12	-1.65	0.50	21.43	21.52	21.47	34.77	PASS
	25	0	22.31	22.32	22.34	-1.65	0.50	20.66	20.67	20.69	34.77	PASS
		13	22.26	22.30	22.28	-1.65	0.50	20.61	20.65	20.63	34.77	PASS
		25	22.21	22.17	22.20	-1.65	0.50	20.56	20.52	20.55	34.77	PASS
	50	0	22.24	22.20	22.27	-1.65	0.50	20.59	20.55	20.62	34.77	PASS
	22.80		22.29	22.42	-1.65	0.50	21.15	20.64	20.77	34.77	PASS	
16QAM	1	25	22.88	22.36	22.55	-1.65	0.50	21.23	20.71	20.90	34.77	PASS
		49	22.65	22.19	22.28	-1.65	0.50	21.00	20.54	20.63	34.77	PASS
		0	21.34	21.38	21.38	-1.65	0.50	19.69	19.73	19.73	34.77	PASS
	25	13	21.31	21.32	21.30	-1.65	0.50	19.66	19.67	19.65	34.77	PASS
		25	21.28	21.25	21.20	-1.65	0.50	19.63	19.60	19.55	34.77	PASS
		50	0	21.24	21.25	21.26	-1.65	0.50	19.59	19.60	19.61	34.77

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