

Appendix B

Output power
for SZEM1908017790CR

Appendix B-Output power

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	22.23	22.09	21.94	/	-0.55	21.68	21.54	21.39	33.01	PASS
		2	22.26	22.17	21.99	/	-0.55	21.71	21.62	21.44	33.01	PASS
		5	22.26	22.14	21.98	/	-0.55	21.71	21.59	21.43	33.01	PASS
	3	0	22.35	22.26	22.1	/	-0.55	21.8	21.71	21.55	33.01	PASS
		2	22.34	22.28	22.11	/	-0.55	21.79	21.73	21.56	33.01	PASS
		3	22.33	22.21	22.1	/	-0.55	21.78	21.66	21.55	33.01	PASS
	6	0	21.44	21.34	21.19	/	-0.55	20.89	20.79	20.64	33.01	PASS
	21.35		21.39	21.18	/	-0.55	20.8	20.84	20.63	33.01	PASS	
	16QAM	1	2	21.43	21.49	21.28	/	-0.55	20.88	20.94	20.73	33.01
5			21.39	21.4	21.22	/	-0.55	20.84	20.85	20.67	33.01	PASS
3			0	21.3	21.21	21.06	/	-0.55	20.75	20.66	20.51	33.01
		2	21.3	21.22	21.07	/	-0.55	20.75	20.67	20.52	33.01	PASS
		3	21.24	21.31	21.11	/	-0.55	20.69	20.76	20.56	33.01	PASS
6		0	20.47	20.25	20.09	/	-0.55	19.92	19.7	19.54	33.01	PASS
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	22.22	22.23	22.1	/	-0.55	21.67	21.68	21.55	33.01	PASS
		7	22.19	22.18	22.02	/	-0.55	21.64	21.63	21.47	33.01	PASS
		14	22.24	22.22	22.09	/	-0.55	21.69	21.67	21.54	33.01	PASS
	8	0	21.52	21.43	21.3	/	-0.55	20.97	20.88	20.75	33.01	PASS
		4	21.53	21.43	21.31	/	-0.55	20.98	20.88	20.76	33.01	PASS
		7	21.53	21.42	21.31	/	-0.55	20.98	20.87	20.76	33.01	PASS
	15	0	21.51	21.42	21.29	/	-0.55	20.96	20.87	20.74	33.01	PASS
	21.47		21.44	21.02	/	-0.55	20.92	20.89	20.47	33.01	PASS	
	16QAM	1	7	21.39	21.34	20.97	/	-0.55	20.84	20.79	20.42	33.01
14			21.43	21.37	20.98	/	-0.55	20.88	20.82	20.43	33.01	PASS
8			0	20.54	20.41	20.3	/	-0.55	19.99	19.86	19.75	33.01
8		4	20.54	20.41	20.29	/	-0.55	19.99	19.86	19.74	33.01	PASS
		7	20.53	20.42	20.31	/	-0.55	19.98	19.87	19.76	33.01	PASS
		15	0	20.52	20.34	20.2	/	-0.55	19.97	19.79	19.65	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	22.3	22.2	22.05	/	-0.55	21.75	21.65	21.5	33.01	PASS
		13	22.28	22.16	22.01	/	-0.55	21.73	21.61	21.46	33.01	PASS
		24	22.25	22.14	22	/	-0.55	21.7	21.59	21.45	33.01	PASS
	12	0	21.33	21.26	21.11	/	-0.55	20.78	20.71	20.56	33.01	PASS
		6	21.33	21.25	21.09	/	-0.55	20.78	20.7	20.54	33.01	PASS
		13	21.34	21.24	21.12	/	-0.55	20.79	20.69	20.57	33.01	PASS
	25	0	21.34	21.26	21.1	/	-0.55	20.79	20.71	20.55	33.01	PASS
	21.31		21.24	21.25	/	-0.55	20.76	20.69	20.7	33.01	PASS	
	16QAM	1	13	21.3	21.19	21.22	/	-0.55	20.75	20.64	20.67	33.01
24			21.28	21.2	21.19	/	-0.55	20.73	20.65	20.64	33.01	PASS
0			20.33	20.22	20.11	/	-0.55	19.78	19.67	19.56	33.01	PASS
12		6	20.33	20.22	20.11	/	-0.55	19.78	19.67	19.56	33.01	PASS
		13	20.34	20.22	20.15	/	-0.55	19.79	19.67	19.6	33.01	PASS
		25	0	20.37	20.25	20.08	/	-0.55	19.82	19.7	19.53	33.01

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	22.37	22.25	22.16	/	-0.55	21.82	21.7	21.61	33.01	PASS
		25	22.32	22.2	22.1	/	-0.55	21.77	21.65	21.55	33.01	PASS
		49	22.35	22.21	22.11	/	-0.55	21.8	21.66	21.56	33.01	PASS
	25	0	21.32	21.28	21.22	/	-0.55	20.77	20.73	20.67	33.01	PASS
		13	21.31	21.29	21.22	/	-0.55	20.76	20.74	20.67	33.01	PASS
		25	21.39	21.29	21.16	/	-0.55	20.84	20.74	20.61	33.01	PASS
	50	0	21.34	21.29	21.19	/	-0.55	20.79	20.74	20.64	33.01	PASS
21.31	21.49		21.38	/	-0.55	20.76	20.94	20.83	33.01	PASS		
16QAM	1	25	21.28	21.46	21.33	/	-0.55	20.73	20.91	20.78	33.01	PASS
		49	21.28	21.42	21.29	/	-0.55	20.73	20.87	20.74	33.01	PASS
		25	0	20.34	20.26	20.27	/	-0.55	19.79	19.71	19.72	33.01

		13	22.38	22.32	22.24	/	-0.55	21.83	21.77	21.69	33.01	PASS
		25	22.33	22.33	22.13	/	-0.55	21.78	21.78	21.58	33.01	PASS
	50	0	22.27	22.41	22.17	/	-0.55	21.72	21.86	21.62	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	22.4	22.41	22.32	/	-0.55	21.85	21.86	21.77	33.01	PASS
		38	22.21	22.2	22.14	/	-0.55	21.66	21.65	21.59	33.01	PASS
		74	22.27	22.28	22.16	/	-0.55	21.72	21.73	21.61	33.01	PASS
	36	0	21.6	21.71	21.25	/	-0.55	21.05	21.16	20.7	33.01	PASS
		18	21.44	21.53	21.08	/	-0.55	20.89	20.98	20.53	33.01	PASS
		39	21.49	21.55	21.08	/	-0.55	20.94	21	20.53	33.01	PASS
	75	0	21.38	21.36	21.32	/	-0.55	20.83	20.81	20.77	33.01	PASS
	21.59		21.69	21.24	/	-0.55	21.04	21.14	20.69	33.01	PASS	
	16QAM	1	38	21.43	21.53	21.09	/	-0.55	20.88	20.98	20.54	33.01
74			21.48	21.55	21.08	/	-0.55	20.93	21	20.53	33.01	PASS
36			0	21.61	21.7	21.24	/	-0.55	21.06	21.15	20.69	33.01
		18	21.45	21.53	21.09	/	-0.55	20.9	20.98	20.54	33.01	PASS
		39	21.5	21.56	21.08	/	-0.55	20.95	21.01	20.53	33.01	PASS
75		0	20.31	20.34	20.27	/	-0.55	19.76	19.79	19.72	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	22.41	22.25	22.03	/	-0.55	21.86	21.7	21.48	33.01	PASS
		50	22.57	22.46	22.27	/	-0.55	22.02	21.91	21.72	33.01	PASS
		99	22.37	22.02	21.95	/	-0.55	21.82	21.47	21.4	33.01	PASS
	50	0	21.48	21.39	20.97	/	-0.55	20.93	20.84	20.42	33.01	PASS
		25	21.35	21.48	21.02	/	-0.55	20.8	20.93	20.47	33.01	PASS
		50	21.41	21.4	21.14	/	-0.55	20.86	20.85	20.59	33.01	PASS
	100	0	21.35	21.27	21.09	/	-0.55	20.8	20.72	20.54	33.01	PASS
16QAM	1		21.53	21.32	21.28	/	-0.55	20.98	20.77	20.73	33.01	PASS

		50	21.31	21.1	21.07	/	-0.55	20.76	20.55	20.52	33.01	PASS
		99	21.43	21.19	21.12	/	-0.55	20.88	20.64	20.57	33.01	PASS
	50	0	20.12	20.33	20.22	/	-0.55	19.57	19.78	19.67	33.01	PASS
		25	20.12	20.34	20.21	/	-0.55	19.57	19.79	19.66	33.01	PASS
		50	20.11	20.2	19.97	/	-0.55	19.56	19.65	19.42	33.01	PASS
	100	0	20.1	20.22	20.11	/	-0.55	19.55	19.67	19.56	33.01	PASS
	Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)											

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	22.65	22.81	22.67	/	-0.55	22.1	22.26	22.12	30.00	PASS
		2	22.73	22.79	22.68	/	-0.55	22.18	22.24	22.13	30.00	PASS
		5	22.66	22.74	22.71	/	-0.55	22.11	22.19	22.16	30.00	PASS
	3	0	22.96	22.98	22.81	/	-0.55	22.41	22.43	22.26	30.00	PASS
		2	22.88	22.98	22.83	/	-0.55	22.33	22.43	22.28	30.00	PASS
		3	22.89	22.98	22.86	/	-0.55	22.34	22.43	22.31	30.00	PASS
	6	0	21.92	21.96	21.88	/	-0.55	21.37	21.41	21.33	30.00	PASS
22.04	22.36		21.9	/	-0.55	21.49	21.81	21.35	30.00	PASS		
16QAM	1	2	22.2	21.96	21.82	/	-0.55	21.65	21.41	21.27	30.00	PASS
		5	21.63	21.91	22.04	/	-0.55	21.08	21.36	21.49	30.00	PASS
		0	21.73	21.97	21.89	/	-0.55	21.18	21.42	21.34	30.00	PASS
	3	2	21.87	21.97	21.83	/	-0.55	21.32	21.42	21.28	30.00	PASS
		3	21.76	21.95	21.92	/	-0.55	21.21	21.4	21.37	30.00	PASS
		6	0	21.05	21.02	21.05	/	-0.55	20.5	20.47	20.5	30.00
	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	22.78	22.98	22.84	/	-0.55	22.23	22.43	22.29	30.00	PASS
		7	22.98	23.01	22.89	/	-0.55	22.43	22.46	22.34	30.00	PASS
		14	22.98	22.95	22.84	/	-0.55	22.43	22.4	22.29	30.00	PASS
	8	0	21.94	22.07	21.9	/	-0.55	21.39	21.52	21.35	30.00	PASS
		4	21.9	22.02	21.89	/	-0.55	21.35	21.47	21.34	30.00	PASS
		7	21.96	21.98	21.87	/	-0.55	21.41	21.43	21.32	30.00	PASS
	15	0	21.99	22.04	21.92	/	-0.55	21.44	21.49	21.37	30.00	PASS
	22		22.42	21.76	/	-0.55	21.45	21.87	21.21	30.00	PASS	
	16QAM	1	7	22.06	22.14	22.02	/	-0.55	21.51	21.59	21.47	30.00
14			22.01	22.09	21.98	/	-0.55	21.46	21.54	21.43	30.00	PASS
0			21.02	20.95	20.97	/	-0.55	20.47	20.4	20.42	30.00	PASS
8		4	21.1	21.04	20.81	/	-0.55	20.55	20.49	20.26	30.00	PASS
		7	21	21.05	20.93	/	-0.55	20.45	20.5	20.38	30.00	PASS
		15	0	20.92	21.05	20.82	/	-0.55	20.37	20.5	20.27	30.00
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	22.86	22.95	22.85	/	-0.55	22.31	22.4	22.3	30.00	PASS
		13	22.82	22.9	22.91	/	-0.55	22.27	22.35	22.36	30.00	PASS
		24	22.92	23.02	22.94	/	-0.55	22.37	22.47	22.39	30.00	PASS
	12	0	21.83	21.93	21.88	/	-0.55	21.28	21.38	21.33	30.00	PASS
		6	21.89	21.98	21.87	/	-0.55	21.34	21.43	21.32	30.00	PASS
		13	21.9	22	21.86	/	-0.55	21.35	21.45	21.31	30.00	PASS
	25	0	21.88	21.99	21.88	/	-0.55	21.33	21.44	21.33	30.00	PASS
	21.94		22.42	21.97	/	-0.55	21.39	21.87	21.42	30.00	PASS	
	16QAM	1	13	21.68	22.19	21.86	/	-0.55	21.13	21.64	21.31	30.00
24			22.15	22.1	21.69	/	-0.55	21.6	21.55	21.14	30.00	PASS
12			0	20.89	21	20.86	/	-0.55	20.34	20.45	20.31	30.00
		6	20.9	20.96	20.81	/	-0.55	20.35	20.41	20.26	30.00	PASS
		13	20.83	20.94	20.87	/	-0.55	20.28	20.39	20.32	30.00	PASS
25		0	20.89	21.02	20.84	/	-0.55	20.34	20.47	20.29	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	22.86	22.99	22.98	/	-0.55	22.31	22.44	22.43	30.00	PASS
		25	23.01	22.96	23	/	-0.55	22.46	22.41	22.45	30.00	PASS
		49	22.88	22.91	22.83	/	-0.55	22.33	22.36	22.28	30.00	PASS
	25	0	22.02	22.04	22.03	/	-0.55	21.47	21.49	21.48	30.00	PASS
		13	21.97	22.07	21.96	/	-0.55	21.42	21.52	21.41	30.00	PASS
		25	21.96	22.04	21.87	/	-0.55	21.41	21.49	21.32	30.00	PASS
	50	0	22.02	22.06	21.97	/	-0.55	21.47	21.51	21.42	30.00	PASS
			22.44	22.23	22.2	/	-0.55	21.89	21.68	21.65	30.00	PASS
		13	21.92	22.13	22.1	/	-0.55	21.37	21.58	21.55	30.00	PASS
16QAM	1	49	22.08	22.48	22.36	/	-0.55	21.53	21.93	21.81	30.00	PASS
		0	20.94	20.95	20.91	/	-0.55	20.39	20.4	20.36	30.00	PASS
		13	20.92	20.99	20.89	/	-0.55	20.37	20.44	20.34	30.00	PASS
	25	25	20.92	21	20.8	/	-0.55	20.37	20.45	20.25	30.00	PASS
		0	20.94	20.95	20.91	/	-0.55	20.39	20.4	20.36	30.00	PASS
		13	20.92	20.99	20.89	/	-0.55	20.37	20.44	20.34	30.00	PASS

	50	0	22.33	22.57	22.70	/	-1.45	20.88	21.12	21.25	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	23.05	23.12	23.14	/	-0.55	22.5	22.57	22.59	30.00	PASS
		38	22.88	22.97	22.91	/	-0.55	22.33	22.42	22.36	30.00	PASS
		74	23.04	23	23	/	-0.55	22.49	22.45	22.45	30.00	PASS
	36	0	22.07	22.09	22.1	/	-0.55	21.52	21.54	21.55	30.00	PASS
		18	22	22.09	21.99	/	-0.55	21.45	21.54	21.44	30.00	PASS
		39	22.05	22.06	21.95	/	-0.55	21.5	21.51	21.4	30.00	PASS
	75	0	22.09	22.09	22	/	-0.55	21.54	21.54	21.45	30.00	PASS
22.49	22.25		22.28	/	-0.55	21.94	21.7	21.73	30.00	PASS		
16QAM	1	38	22.32	22.16	21.81	/	-0.55	21.77	21.61	21.26	30.00	PASS
		74	22.47	21.93	22.13	/	-0.55	21.92	21.38	21.58	30.00	PASS
		0	21.01	21.06	21.08	/	-0.55	20.46	20.51	20.53	30.00	PASS
	36	18	20.99	21.04	20.99	/	-0.55	20.44	20.49	20.44	30.00	PASS
		39	21.1	21.04	20.91	/	-0.55	20.55	20.49	20.36	30.00	PASS
		75	0	21.06	21.06	21.03	/	-0.55	20.51	20.51	20.48	30.00
	Note:											
1) dBd = dBi - 2.15												
2) EIRP = Conducted output power + Antenna gain (dBi)												

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	22.87	23.01	23.25	/	-0.55	22.32	22.46	22.7	30.00	PASS
		50	23.08	22.97	23.24	/	-0.55	22.53	22.42	22.69	30.00	PASS
		99	23.21	23.11	23.35	/	-0.55	22.66	22.56	22.8	30.00	PASS
	50	0	22.34	22.32	22.38	/	-0.55	21.79	21.77	21.83	30.00	PASS
		25	22.33	22.13	22.23	/	-0.55	21.78	21.58	21.68	30.00	PASS
		50	22.15	22.13	22.29	/	-0.55	21.6	21.58	21.74	30.00	PASS
	100	0	22.27	22.24	22.31	/	-0.55	21.72	21.69	21.76	30.00	PASS
22.59	22.66		22.15	/	-0.55	22.04	22.11	21.6	30.00	PASS		
16QAM	1	50	22.11	21.93	22	/	-0.55	21.56	21.38	21.45	30.00	PASS
		99	22.31	22.31	22.15	/	-0.55	21.76	21.76	21.6	30.00	PASS

	50	0	21.24	21.14	21.17	/	-0.55	20.69	20.59	20.62	30.00	PASS
		25	21.1	21.11	20.99	/	-0.55	20.55	20.56	20.44	30.00	PASS
		50	21.14	21.09	20.96	/	-0.55	20.59	20.54	20.41	30.00	PASS
	100	0	21.14	21.13	21.07	/	-0.55	20.59	20.58	20.52	30.00	PASS

Note:

1) dBd = dBi - 2.15

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

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	22.8	22.81	22.77	-3.60	-1.45	19.2	19.21	19.17	38.45	PASS
		2	22.87	22.85	22.82	-3.60	-1.45	19.27	19.25	19.22	38.45	PASS
		5	22.85	22.85	22.83	-3.60	-1.45	19.25	19.25	19.23	38.45	PASS
	3	0	22.99	22.95	22.95	-3.60	-1.45	19.39	19.35	19.35	38.45	PASS
		2	22.99	22.96	22.94	-3.60	-1.45	19.39	19.36	19.34	38.45	PASS
		3	22.99	22.95	22.95	-3.60	-1.45	19.39	19.35	19.35	38.45	PASS
	6	0	22	21.98	21.97	-3.60	-1.45	18.4	18.38	18.37	38.45	PASS
	21.76		22.04	21.88	-3.60	-1.45	18.16	18.44	18.28	38.45	PASS	
	16QAM	1	2	21.85	22.12	21.98	-3.60	-1.45	18.25	18.52	18.38	38.45
5			21.77	22.07	21.91	-3.60	-1.45	18.17	18.47	18.31	38.45	PASS
0			21.86	21.91	21.89	-3.60	-1.45	18.26	18.31	18.29	38.45	PASS
3		2	21.86	21.91	21.89	-3.60	-1.45	18.26	18.31	18.29	38.45	PASS
		3	21.81	21.96	21.83	-3.60	-1.45	18.21	18.36	18.23	38.45	PASS
		6	0	21.07	20.93	21.01	-3.60	-1.45	17.47	17.33	17.41	38.45
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	22.96	22.88	22.87	-3.60	-1.45	19.36	19.28	19.27	38.45	PASS
		7	22.91	22.83	22.8	-3.60	-1.45	19.31	19.23	19.20	38.45	PASS
		14	22.98	22.86	22.88	-3.60	-1.45	19.38	19.26	19.28	38.45	PASS
	8	0	22.16	22.11	22.08	-3.60	-1.45	18.56	18.51	18.48	38.45	PASS
		4	22.16	22.12	22.07	-3.60	-1.45	18.56	18.52	18.47	38.45	PASS
		7	22.15	22.11	22.06	-3.60	-1.45	18.55	18.51	18.46	38.45	PASS
	15	0	22.15	22.09	22.05	-3.60	-1.45	18.55	18.49	18.45	38.45	PASS
21.85	22.08		22.02	-3.60	-1.45	18.25	18.48	18.42	38.45	PASS		
16QAM	1	7	21.81	22.01	21.95	-3.60	-1.45	18.21	18.41	18.35	38.45	PASS
		14	21.86	22.02	22.02	-3.60	-1.45	18.26	18.42	18.42	38.45	PASS
		0	21.23	21.18	21.06	-3.60	-1.45	17.63	17.58	17.46	38.45	PASS
	8	4	21.23	21.19	21.06	-3.60	-1.45	17.63	17.59	17.46	38.45	PASS
		7	21.23	21.17	21.07	-3.60	-1.45	17.63	17.57	17.47	38.45	PASS
		15	0	21.15	21.18	21	-3.60	-1.45	17.55	17.58	17.40	38.45
	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	22.98	22.98	22.94	-3.60	-1.45	19.38	19.38	19.34	38.45	PASS
		13	22.97	22.96	22.93	-3.60	-1.45	19.37	19.36	19.33	38.45	PASS
		24	22.96	22.93	22.93	-3.60	-1.45	19.36	19.33	19.33	38.45	PASS
	12	0	22.04	22.02	22.04	-3.60	-1.45	18.44	18.42	18.44	38.45	PASS
		6	22.05	22.02	22.03	-3.60	-1.45	18.45	18.42	18.43	38.45	PASS
		13	22.05	21.96	21.93	-3.60	-1.45	18.45	18.36	18.33	38.45	PASS
	25	0	22.07	21.99	21.98	-3.60	-1.45	18.47	18.39	18.38	38.45	PASS
	21.99		22.16	21.94	-3.60	-1.45	18.39	18.56	18.34	38.45	PASS	
	16QAM	1	13	21.99	22.13	21.94	-3.60	-1.45	18.39	18.53	18.34	38.45
24			21.99	22.09	21.96	-3.60	-1.45	18.39	18.49	18.36	38.45	PASS
0			21.1	21.12	21.04	-3.60	-1.45	17.50	17.52	17.44	38.45	PASS
12		6	21.11	21.11	21.05	-3.60	-1.45	17.51	17.51	17.45	38.45	PASS
		13	21.12	21.06	20.95	-3.60	-1.45	17.52	17.46	17.35	38.45	PASS
		25	0	21.16	21.04	20.99	-3.60	-1.45	17.56	17.44	17.39	38.45
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	22.99	23.09	23.15	-3.60	-1.45	19.39	19.49	19.55	38.45	PASS
		25	23.14	23.11	23.27	-3.60	-1.45	19.54	19.51	19.67	38.45	PASS
		49	23.21	23.15	23.13	-3.60	-1.45	19.61	19.55	19.53	38.45	PASS
	25	0	22.23	22.24	22.28	-3.60	-1.45	18.63	18.64	18.68	38.45	PASS
		13	22.14	22.09	22.16	-3.60	-1.45	18.54	18.49	18.56	38.45	PASS
		25	22.14	21.94	22.23	-3.60	-1.45	18.54	18.34	18.63	38.45	PASS
	50	0	22.07	22.11	22.24	-3.60	-1.45	18.47	18.51	18.64	38.45	PASS
	22.33		22.02	22.23	-3.60	-1.45	18.73	18.42	18.63	38.45	PASS	
	16QAM	1	25	22.27	21.96	22.13	-3.60	-1.45	18.67	18.36	18.53	38.45
49			22.23	21.93	22.15	-3.60	-1.45	18.63	18.33	18.55	38.45	PASS
25			0	21.19	21.18	21.1	-3.60	-1.45	17.59	17.58	17.50	38.45

		13	21.19	21.17	21.11	-3.60	-1.45	17.59	17.57	17.51	38.45	PASS
		25	21.17	21	20.88	-3.60	-1.45	17.57	17.40	17.28	38.45	PASS
	50	0	21.19	21.11	21.02	-3.60	-1.45	17.59	17.51	17.42	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: 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	20.22	20.3	20.16	/	-0.55	19.67	19.75	19.61	33.01	PASS
		13	20.19	20.36	20.3	/	-0.55	19.64	19.81	19.75	33.01	PASS
		24	20.39	20.23	20.22	/	-0.55	19.84	19.68	19.67	33.01	PASS
	12	0	19.27	19.41	19.35	/	-0.55	18.72	18.86	18.8	33.01	PASS
		6	19.27	19.35	19.36	/	-0.55	18.72	18.8	18.81	33.01	PASS
		13	19.34	19.43	19.3	/	-0.55	18.79	18.88	18.75	33.01	PASS
	25	0	19.38	19.38	19.33	/	-0.55	18.83	18.83	18.78	33.01	PASS
	19.16		18.84	19.46	/	-0.55	18.61	18.29	18.91	33.01	PASS	
	16QAM	1	13	19.12	19.17	19.54	/	-0.55	18.57	18.62	18.99	33.01
24			18.91	19.31	19.26	/	-0.55	18.36	18.76	18.71	33.01	PASS
0			18	18.13	18.42	/	-0.55	17.45	17.58	17.87	33.01	PASS
12		6	18.24	18.39	18.57	/	-0.55	17.69	17.84	18.02	33.01	PASS
		13	18.33	18.24	18.35	/	-0.55	17.78	17.69	17.8	33.01	PASS
		25	0	18.35	18.34	18.48	/	-0.55	17.8	17.79	17.93	33.01
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	19.94	20.07	19.96	/	-0.55	19.39	19.52	19.41	33.01	PASS
		25	20.55	20.42	20.57	/	-0.55	20	19.87	20.02	33.01	PASS
		49	20.32	20.2	20.37	/	-0.55	19.77	19.65	19.82	33.01	PASS
	25	0	19.25	19.34	19.31	/	-0.55	18.7	18.79	18.76	33.01	PASS
		13	19.36	19.34	19.33	/	-0.55	18.81	18.79	18.78	33.01	PASS
		25	19.34	19.32	19.26	/	-0.55	18.79	18.77	18.71	33.01	PASS
	50	0	19.27	19.36	19.24	/	-0.55	18.72	18.81	18.69	33.01	PASS
	19.34		19.46	19.06	/	-0.55	18.79	18.91	18.51	33.01	PASS	
	16QAM	1	25	19.16	19.22	19.2	/	-0.55	18.61	18.67	18.65	33.01
49			19.09	19.03	19.2	/	-0.55	18.54	18.48	18.65	33.01	PASS
0			18.28	18.46	18.76	/	-0.55	17.73	17.91	18.21	33.01	PASS
25		13	18.25	18.62	18.6	/	-0.55	17.7	18.07	18.05	33.01	PASS
		25	18.4	18.52	18.41	/	-0.55	17.85	17.97	17.86	33.01	PASS
		50	0	18.47	18.68	18.53	/	-0.55	17.92	18.13	17.98	33.01
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	20.31	20.36	20.14	/	-0.55	19.76	19.81	19.59	33.01	PASS
		38	20.35	20.49	20.49	/	-0.55	19.8	19.94	19.94	33.01	PASS
		74	20.31	20.5	20.28	/	-0.55	19.76	19.95	19.73	33.01	PASS
	36	0	19.27	19.41	19.3	/	-0.55	18.72	18.86	18.75	33.01	PASS
		18	19.36	19.43	19.37	/	-0.55	18.81	18.88	18.82	33.01	PASS
		39	19.36	19.45	19.33	/	-0.55	18.81	18.9	18.78	33.01	PASS
	75	0	19.38	19.41	19.34	/	-0.55	18.83	18.86	18.79	33.01	PASS
19.39	18.98		19.46	/	-0.55	18.84	18.43	18.91	33.01	PASS		
16QAM	1	38	19.32	19.18	19.74	/	-0.55	18.77	18.63	19.19	33.01	PASS
		74	19.49	19.23	19.29	/	-0.55	18.94	18.68	18.74	33.01	PASS
		36	0	18.71	18.7	18.68	/	-0.55	18.16	18.15	18.13	33.01
	18		18.62	18.69	18.44	/	-0.55	18.07	18.14	17.89	33.01	PASS
	39		18.46	18.71	18.55	/	-0.55	17.91	18.16	18	33.01	PASS
	75	0	18.59	18.55	18.56	/	-0.55	18.04	18	18.01	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	20.25	20.24	20.35	/	-0.55	19.7	19.69	19.8	33.01	PASS
		50	20.35	20.27	20.38	/	-0.55	19.8	19.72	19.83	33.01	PASS
		99	20.44	20.4	20.7	/	-0.55	19.89	19.85	20.15	33.01	PASS
	50	0	19.24	19.47	19.51	/	-0.55	18.69	18.92	18.96	33.01	PASS
		25	19.19	19.39	19.44	/	-0.55	18.64	18.84	18.89	33.01	PASS
		50	19.33	19.29	19.78	/	-0.55	18.78	18.74	19.23	33.01	PASS
	100	0	19.3	19.51	19.63	/	-0.55	18.75	18.96	19.08	33.01	PASS
16QAM	1		19.11	18.77	18.83	/	-0.55	18.56	18.22	18.28	33.01	PASS
	1	50	19.48	19.21	19.24	/	-0.55	18.93	18.66	18.69	33.01	PASS
		99	19.49	19.17	19.46	/	-0.55	18.94	18.62	18.91	33.01	PASS
		50	0	18.5	18.32	18.53	/	-0.55	17.95	17.77	17.98	33.01
	25		18.45	18.63	18.48	/	-0.55	17.9	18.08	17.93	33.01	PASS
	50		18.4	18.6	18.5	/	-0.55	17.85	18.05	17.95	33.01	PASS

	100	0	18.54	18.63	18.44	/	-0.55	17.99	18.08	17.89	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/5MHz)			Antenna gain		EIRP(dBm/5MHz)			Limit (dBm/5 MHz)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.34	21.35	21	/	-0.55	20.79	20.8	20.45	23.98	PASS
		13	21.69	21.23	21.6	/	-0.55	21.14	20.68	21.05	23.98	PASS
		24	21.3	21.08	20.82	/	-0.55	20.75	20.53	20.27	23.98	PASS
	12	0	20.36	20.32	20.2	/	-0.55	19.81	19.77	19.65	23.98	PASS
		6	20.33	20.28	20.18	/	-0.55	19.78	19.73	19.63	23.98	PASS
		13	20.26	20.29	20.23	/	-0.55	19.71	19.74	19.68	23.98	PASS
	25	0	20.34	20.33	20.14	/	-0.55	19.79	19.78	19.59	23.98	PASS
20.25	20.4		19.89	/	-0.55	19.7	19.85	19.34	23.98	PASS		
16QAM	1	13	20.1	20.2	20.27	/	-0.55	19.55	19.65	19.72	23.98	PASS
		24	20.13	20.27	20.25	/	-0.55	19.58	19.72	19.7	23.98	PASS
		0	19.41	19.38	19.26	/	-0.55	18.86	18.83	18.71	23.98	PASS
	12	6	19.37	19.35	19.25	/	-0.55	18.82	18.8	18.7	23.98	PASS
		13	19.32	19.26	19.09	/	-0.55	18.77	18.71	18.54	23.98	PASS
		25	0	19.31	19.31	19.22	/	-0.55	18.76	18.76	18.67	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/5MHz)			Antenna gain		EIRP(dBm/5MHz)			Limit (dBm/5 MHz)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	/	21.87	/	/	-0.55	/	21.32	/	23.98	PASS
		25	/	21.89	/	/	-0.55	/	21.34	/	23.98	PASS
		49	/	21.77	/	/	-0.55	/	21.22	/	23.98	PASS
	25	0	/	20.89	/	/	-0.55	/	20.34	/	23.98	PASS
		13	/	20.83	/	/	-0.55	/	20.28	/	23.98	PASS
		25	/	20.73	/	/	-0.55	/	20.18	/	23.98	PASS
	50	0	/	20.82	/	/	-0.55	/	20.27	/	23.98	PASS
	/		20.58	/	/	-0.55	/	20.03	/	23.98	PASS	
	16QAM	1	25	/	20.32	/	/	-0.55	/	19.77	/	23.98
49			/	20.73	/	/	-0.55	/	20.18	/	23.98	PASS
0			/	19.5	/	/	-0.55	/	18.95	/	23.98	PASS
25		13	/	19.56	/	/	-0.55	/	19.01	/	23.98	PASS
		25	/	19.58	/	/	-0.55	/	19.03	/	23.98	PASS
		50	0	/	19.47	/	/	-0.55	/	18.92	/	23.98
Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)												

Test Band: 40b _ 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm/5MHz)			Antenna gain		EIRP(dBm/5MHz)			Limit (dBm/5 MHz)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.25	21.35	21.13	/	-0.55	20.7	20.8	20.58	23.98	PASS
		13	21.46	21.38	21.39	/	-0.55	20.91	20.83	20.84	23.98	PASS
		24	21.19	21.37	21.25	/	-0.55	20.64	20.82	20.7	23.98	PASS
	12	0	20.19	20.32	20.39	/	-0.55	19.64	19.77	19.84	23.98	PASS
		6	20.29	20.32	20.16	/	-0.55	19.74	19.77	19.61	23.98	PASS
		13	20.28	20.29	20.18	/	-0.55	19.73	19.74	19.63	23.98	PASS
	25	0	20.27	20.37	20.19	/	-0.55	19.72	19.82	19.64	23.98	PASS
			20.28	19.77	19.88	/	-0.55	19.73	19.22	19.33	23.98	PASS
		13	20.22	20.58	19.92	/	-0.55	19.67	20.03	19.37	23.98	PASS
16QAM	1	24	20.25	20.26	20.13	/	-0.55	19.7	19.71	19.58	23.98	PASS
		0	19.21	19.38	19.47	/	-0.55	18.66	18.83	18.92	23.98	PASS
		6	19.38	19.58	19.25	/	-0.55	18.83	19.03	18.7	23.98	PASS
	12	13	19.35	19.35	19.29	/	-0.55	18.8	18.8	18.74	23.98	PASS
		0	19.4	19.33	19.14	/	-0.55	18.85	18.78	18.59	23.98	PASS
		25										
	25											

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/5MHz)			Antenna gain		EIRP(dBm/5MHz)			Limit (dBm/5 MHz)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	/	21.28	/	/	-0.55	/	20.73	/	23.98	PASS
		25	/	21.52	/	/	-0.55	/	20.97	/	23.98	PASS
		49	/	21.11	/	/	-0.55	/	20.56	/	23.98	PASS
	25	0	/	20.29	/	/	-0.55	/	19.74	/	23.98	PASS
		13	/	20.22	/	/	-0.55	/	19.67	/	23.98	PASS
		25	/	20.18	/	/	-0.55	/	19.63	/	23.98	PASS
	50	0	/	20.28	/	/	-0.55	/	19.73	/	23.98	PASS
			/	20.34	/	/	-0.55	/	19.79	/	23.98	PASS
		13	/	20.17	/	/	-0.55	/	19.62	/	23.98	PASS
16QAM	1	49	/	20.14	/	/	-0.55	/	19.59	/	23.98	PASS
		0	/	19.44	/	/	-0.55	/	18.89	/	23.98	PASS
		13	/	19.35	/	/	-0.55	/	18.8	/	23.98	PASS
	25	25	/	19.12	/	/	-0.55	/	18.57	/	23.98	PASS
		0	/	19.2	/	/	-0.55	/	18.65	/	23.98	PASS
		50										
	50											

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