

Transmitter Radiated Power (EIRP/ERP)

LTE-Cat M Mode Test Data

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
Cat M BAND 2									
1.4 MHz	LCH	QPSK	RB1#0	22.46	3.16	25.62	0.365	7.00	Pass
			RB6#0	20.72	3.16	23.88	0.244	7.00	Pass
		16-QAM	RB1#0	20.78	3.16	23.94	0.248	7.00	Pass
			RB5#0	20.44	3.16	23.60	0.229	7.00	Pass
	MCH	QPSK	RB1#0	22.43	3.16	25.59	0.362	7.00	Pass
			RB6#0	20.66	3.16	23.82	0.241	7.00	Pass
		16-QAM	RB1#0	20.78	3.16	23.94	0.248	7.00	Pass
			RB5#0	20.45	3.16	23.61	0.230	7.00	Pass
	HCH	QPSK	RB1#0	22.13	3.16	25.29	0.338	7.00	Pass
			RB6#0	20.4	3.16	23.56	0.227	7.00	Pass
		16-QAM	RB1#0	20.51	3.16	23.67	0.233	7.00	Pass
			RB5#0	20.23	3.16	23.39	0.218	7.00	Pass
3 MHz	LCH	QPSK	RB1#0	22.6	3.16	25.76	0.377	7.00	Pass
			RB6#0	20.92	3.16	24.08	0.256	7.00	Pass
		16-QAM	RB1#0	20.94	3.16	24.10	0.257	7.00	Pass
			RB5#0	20.25	3.16	23.41	0.219	7.00	Pass
	MCH	QPSK	RB1#0	22.5	3.16	25.66	0.368	7.00	Pass
			RB6#0	20.91	3.16	24.07	0.255	7.00	Pass
		16-QAM	RB1#0	20.91	3.16	24.07	0.255	7.00	Pass
			RB5#0	20.24	3.16	23.40	0.219	7.00	Pass
	HCH	QPSK	RB1#0	22.32	3.16	25.48	0.353	7.00	Pass
			RB6#0	20.98	3.16	24.14	0.259	7.00	Pass
		16-QAM	RB1#0	20.91	3.16	24.07	0.255	7.00	Pass
			RB5#0	20.15	3.16	23.31	0.214	7.00	Pass
5 MHz	LCH	QPSK	RB1#0	22.59	3.16	25.75	0.376	7.00	Pass
			RB6#0	21.92	3.16	25.08	0.322	7.00	Pass
		16-QAM	RB1#0	22.16	3.16	25.32	0.340	7.00	Pass
			RB5#0	20.18	3.16	23.34	0.216	7.00	Pass
	MCH	QPSK	RB1#0	22.56	3.16	25.72	0.373	7.00	Pass
			RB6#0	21.88	3.16	25.04	0.319	7.00	Pass
		16-QAM	RB1#0	22.16	3.16	25.32	0.340	7.00	Pass
			RB5#0	20.14	3.16	23.30	0.214	7.00	Pass
	HCH	QPSK	RB1#0	22.26	3.16	25.42	0.348	7.00	Pass

Test BW	Test Channel I	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
Cat M BAND 2									
10 MHz		16-QAM	RB6#0	21.69	3.16	24.85	0.305	7.00	Pass
			RB1#0	21.95	3.16	25.11	0.324	7.00	Pass
			RB5#0	19.99	3.16	23.15	0.207	7.00	Pass
	LCH	QPSK	RB1#0	22.61	3.16	25.77	0.378	7.00	Pass
			RB6#0	21.96	3.16	25.12	0.325	7.00	Pass
		16-QAM	RB1#0	22.03	3.16	25.19	0.330	7.00	Pass
			RB5#0	21.17	3.16	24.33	0.271	7.00	Pass
	MCH	QPSK	RB1#0	22.23	3.16	25.39	0.346	7.00	Pass
			RB6#0	21.97	3.16	25.13	0.326	7.00	Pass
		16-QAM	RB1#0	22.07	3.16	25.23	0.333	7.00	Pass
			RB5#0	21.19	3.16	24.35	0.272	7.00	Pass
	HCH	QPSK	RB1#0	22.32	3.16	25.48	0.353	7.00	Pass
			RB6#0	21.69	3.16	24.85	0.305	7.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.61	3.16	25.77	0.378	7.00	Pass
			RB6#0	22.94	3.16	26.10	0.407	7.00	Pass
		16-QAM	RB1#0	22.12	3.16	25.28	0.337	7.00	Pass
			RB5#0	22.16	3.16	25.32	0.340	7.00	Pass
	MCH	QPSK	RB1#0	22.53	3.16	25.69	0.371	7.00	Pass
			RB6#0	22.98	3.16	26.14	0.411	7.00	Pass
		16-QAM	RB1#0	22.08	3.16	25.24	0.334	7.00	Pass
			RB5#0	22.18	3.16	25.34	0.342	7.00	Pass
	HCH	QPSK	RB1#0	22.35	3.16	25.51	0.356	7.00	Pass
			RB6#0	22.73	3.16	25.89	0.388	7.00	Pass
		16-QAM	RB1#0	21.97	3.16	25.13	0.326	7.00	Pass
			RB5#0	22.03	3.16	25.19	0.330	7.00	Pass
20 MHz	LCH	QPSK	RB1#0	22.66	3.16	25.82	0.382	7.00	Pass
			RB6#0	22.94	3.16	26.10	0.407	7.00	Pass
		16-QAM	RB1#0	22.26	3.16	25.42	0.348	7.00	Pass
			RB5#0	22.22	3.16	25.38	0.345	7.00	Pass
	MCH	QPSK	RB1#0	22.59	3.16	25.75	0.376	7.00	Pass
			RB6#0	22.95	3.16	26.11	0.408	7.00	Pass
		16-QAM	RB1#0	22.09	3.16	25.25	0.335	7.00	Pass
			RB5#0	22.16	3.16	25.32	0.340	7.00	Pass
	HCH	QPSK	RB1#0	22.95	3.16	26.11	0.408	7.00	Pass
			RB6#0	22.44	3.16	25.60	0.363	7.00	Pass

Test BW	Test Channel I	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
Cat M BAND 2									
		16-QAM	RB1#0	22.87	3.16	26.03	0.401	7.00	Pass
			RB5#0	22.32	3.16	25.48	0.353	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
Cat M BAND 4									
1.4 MHz	LCH	QPSK	RB1#0	22.51	3.3	25.81	0.381	1.000	Pass
			RB6#0	20.74	3.3	24.04	0.254	1.000	Pass
		16-QAM	RB1#0	20.83	3.3	24.13	0.259	1.000	Pass
			RB5#0	20.47	3.3	23.77	0.238	1.000	Pass
	MCH	QPSK	RB1#0	22.64	3.3	25.94	0.393	1.000	Pass
			RB6#0	20.84	3.3	24.14	0.259	1.000	Pass
		16-QAM	RB1#0	21.06	3.3	24.36	0.273	1.000	Pass
			RB5#0	20.62	3.3	23.92	0.247	1.000	Pass
	HCH	QPSK	RB1#0	22.69	3.3	25.99	0.397	1.000	Pass
			RB6#0	20.9	3.3	24.20	0.263	1.000	Pass
		16-QAM	RB1#0	21.02	3.3	24.32	0.270	1.000	Pass
			RB5#0	20.67	3.3	23.97	0.249	1.000	Pass
3 MHz	LCH	QPSK	RB1#0	22.68	3.3	25.98	0.396	1.000	Pass
			RB6#0	20.97	3.3	24.27	0.267	1.000	Pass
		16-QAM	RB1#0	21.03	3.3	24.33	0.271	1.000	Pass
			RB5#0	20.32	3.3	23.62	0.230	1.000	Pass
	MCH	QPSK	RB1#0	22.73	3.3	26.03	0.401	1.000	Pass
			RB6#0	21.03	3.3	24.33	0.271	1.000	Pass
		16-QAM	RB1#0	21.21	3.3	24.51	0.282	1.000	Pass
			RB5#0	20.5	3.3	23.80	0.240	1.000	Pass
	HCH	QPSK	RB1#0	22.79	3.3	26.09	0.406	1.000	Pass
			RB6#0	21.1	3.3	24.40	0.275	1.000	Pass
		16-QAM	RB1#0	21.29	3.3	24.59	0.288	1.000	Pass
			RB5#0	20.54	3.3	23.84	0.242	1.000	Pass
5 MHz	LCH	QPSK	RB1#0	22.77	3.3	26.07	0.405	1.000	Pass
			RB6#0	22.13	3.3	25.43	0.349	1.000	Pass
		16-QAM	RB1#0	22.21	3.3	25.51	0.356	1.000	Pass
			RB5#0	20.31	3.3	23.61	0.230	1.000	Pass
	MCH	QPSK	RB1#0	23.16	3.3	26.46	0.443	1.000	Pass
			RB6#0	21.8	3.3	25.10	0.324	1.000	Pass
		16-QAM	RB1#0	23.08	3.3	26.38	0.435	1.000	Pass
			RB5#0	20.7	3.3	24.00	0.251	1.000	Pass
	HCH	QPSK	RB1#0	23.1	3.3	26.40	0.437	1.000	Pass
			RB6#0	21.77	3.3	25.07	0.321	1.000	Pass
		16-QAM	RB1#0	23.07	3.3	26.37	0.434	1.000	Pass
			RB5#0	20.68	3.3	23.98	0.250	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
Cat M BAND 4									
10 MHz	LCH	QPSK	RB1#0	22.74	3.3	26.04	0.402	1.000	Pass
			RB6#0	22.07	3.3	25.37	0.344	1.000	Pass
		16-QAM	RB1#0	22.26	3.3	25.56	0.360	1.000	Pass
			RB5#0	21.33	3.3	24.63	0.290	1.000	Pass
	MCH	QPSK	RB1#0	23.22	3.3	26.52	0.449	1.000	Pass
			RB6#0	21.82	3.3	25.12	0.325	1.000	Pass
		16-QAM	RB1#0	23.11	3.3	26.41	0.438	1.000	Pass
			RB5#0	21.71	3.3	25.01	0.317	1.000	Pass
	HCH	QPSK	RB1#0	22.81	3.3	26.11	0.408	1.000	Pass
			RB6#0	22.19	3.3	25.49	0.354	1.000	Pass
		16-QAM	RB1#0	22.51	3.3	25.81	0.381	1.000	Pass
			RB5#0	21.51	3.3	24.81	0.303	1.000	Pass
15 MHz	LCH	QPSK	RB1#0	22.74	3.3	26.04	0.402	1.000	Pass
			RB6#0	22.98	3.3	26.28	0.425	1.000	Pass
		16-QAM	RB1#0	22.24	3.3	25.54	0.358	1.000	Pass
			RB5#0	22.31	3.3	25.61	0.364	1.000	Pass
	MCH	QPSK	RB1#0	23.07	3.3	26.37	0.434	1.000	Pass
			RB6#0	22.72	3.3	26.02	0.400	1.000	Pass
		16-QAM	RB1#0	22.96	3.3	26.26	0.423	1.000	Pass
			RB5#0	22.71	3.3	26.01	0.399	1.000	Pass
	HCH	QPSK	RB1#0	23.19	3.3	26.49	0.446	1.000	Pass
			RB6#0	22.83	3.3	26.13	0.410	1.000	Pass
		16-QAM	RB1#0	23.1	3.3	26.40	0.437	1.000	Pass
			RB5#0	22.73	3.3	26.03	0.401	1.000	Pass
20 MHz	LCH	QPSK	RB1#0	22.74	3.3	26.04	0.402	1.000	Pass
			RB6#0	23.09	3.3	26.39	0.436	1.000	Pass
		16-QAM	RB1#0	22.11	3.3	25.41	0.348	1.000	Pass
			RB5#0	22.23	3.3	25.53	0.357	1.000	Pass
	MCH	QPSK	RB1#0	23.17	3.3	26.47	0.444	1.000	Pass
			RB6#0	22.78	3.3	26.08	0.406	1.000	Pass
		16-QAM	RB1#0	23.64	3.3	26.94	0.494	1.000	Pass
			RB5#0	22.85	3.3	26.15	0.412	1.000	Pass
	HCH	QPSK	RB1#0	23.22	3.3	26.52	0.449	1.000	Pass
			RB6#0	22.91	3.3	26.21	0.418	1.000	Pass
		16-QAM	RB1#0	23.1	3.3	26.40	0.437	1.000	Pass
			RB5#0	22.74	3.3	26.04	0.402	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
Cat M BAND 5										
1.4 MHz	LCH	QPSK	RB1#0	22.65	0.46	-1.69	20.96	0.125	7.00	Pass
			RB6#0	21.08	0.46	-1.69	19.39	0.087	7.00	Pass
		16-QAM	RB1#0	21.04	0.46	-1.69	19.35	0.086	7.00	Pass
			RB5#0	20.41	0.46	-1.69	18.72	0.074	7.00	Pass
	MCH	QPSK	RB1#0	22.42	0.46	-1.69	20.73	0.118	7.00	Pass
			RB6#0	20.9	0.46	-1.69	19.21	0.083	7.00	Pass
		16-QAM	RB1#0	20.92	0.46	-1.69	19.23	0.084	7.00	Pass
			RB5#0	20.22	0.46	-1.69	18.53	0.071	7.00	Pass
	HCH	QPSK	RB1#0	22.45	0.46	-1.69	20.76	0.119	7.00	Pass
			RB6#0	20.94	0.46	-1.69	19.25	0.084	7.00	Pass
		16-QAM	RB1#0	20.93	0.46	-1.69	19.24	0.084	7.00	Pass
			RB5#0	20.28	0.46	-1.69	18.59	0.072	7.00	Pass
3 MHz	LCH	QPSK	RB1#0	22.71	0.46	-1.69	21.02	0.126	7.00	Pass
			RB6#0	20.71	0.46	-1.69	19.02	0.080	7.00	Pass
		16-QAM	RB1#0	21.38	0.46	-1.69	19.69	0.093	7.00	Pass
			RB5#0	20.72	0.46	-1.69	19.03	0.080	7.00	Pass
	MCH	QPSK	RB1#0	22.49	0.46	-1.69	20.80	0.120	7.00	Pass
			RB6#0	20.54	0.46	-1.69	18.85	0.077	7.00	Pass
		16-QAM	RB1#0	21.21	0.46	-1.69	19.52	0.090	7.00	Pass
			RB5#0	20.56	0.46	-1.69	18.87	0.077	7.00	Pass
	HCH	QPSK	RB1#0	22.53	0.46	-1.69	20.84	0.121	7.00	Pass
			RB6#0	20.6	0.46	-1.69	18.91	0.078	7.00	Pass
		16-QAM	RB1#0	21.3	0.46	-1.69	19.61	0.091	7.00	Pass
			RB5#0	20.55	0.46	-1.69	18.86	0.077	7.00	Pass
5 MHz	LCH	QPSK	RB1#0	22.75	0.46	-1.69	21.06	0.128	7.00	Pass
			RB6#0	21.9	0.46	-1.69	20.21	0.105	7.00	Pass
		16-QAM	RB1#0	22.78	0.46	-1.69	21.09	0.129	7.00	Pass
			RB5#0	20.65	0.46	-1.69	18.96	0.079	7.00	Pass
	MCH	QPSK	RB1#0	22.62	0.46	-1.69	20.93	0.124	7.00	Pass
			RB6#0	21.8	0.46	-1.69	20.11	0.103	7.00	Pass
		16-QAM	RB1#0	22.65	0.46	-1.69	20.96	0.125	7.00	Pass
			RB5#0	20.57	0.46	-1.69	18.88	0.077	7.00	Pass
	HCH	QPSK	RB1#0	22.54	0.46	-1.69	20.85	0.122	7.00	Pass
			RB6#0	21.65	0.46	-1.69	19.96	0.099	7.00	Pass
		16-QAM	RB1#0	22.65	0.46	-1.69	20.96	0.125	7.00	Pass
			RB5#0	20.57	0.46	-1.69	18.88	0.077	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
Cat M BAND 5										
10 MHz	LCH	QPSK	RB1#0	22.72	0.46	-1.69	21.03	0.127	7.00	Pass
			RB6#0	21.84	0.46	-1.69	20.15	0.104	7.00	Pass
		16-QAM	RB1#0	22.74	0.46	-1.69	21.05	0.127	7.00	Pass
			RB5#0	21.63	0.46	-1.69	19.94	0.099	7.00	Pass
	MCH	QPSK	RB1#0	22.64	0.46	-1.69	20.95	0.124	7.00	Pass
			RB6#0	21.74	0.46	-1.69	20.05	0.101	7.00	Pass
		16-QAM	RB1#0	22.72	0.46	-1.69	21.03	0.127	7.00	Pass
			RB5#0	21.66	0.46	-1.69	19.97	0.099	7.00	Pass
	HCH	QPSK	RB1#0	22.57	0.46	-1.69	20.88	0.122	7.00	Pass
			RB6#0	21.74	0.46	-1.69	20.05	0.101	7.00	Pass
		16-QAM	RB1#0	22.59	0.46	-1.69	20.90	0.123	7.00	Pass
			RB5#0	21.42	0.46	-1.69	19.73	0.094	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
Cat M BAND 12										
1.4 MHz	LCH	QPSK	RB1#0	21.25	-2	-4.15	17.10	0.051	3.00	Pass
			RB6#0	19.51	-2	-4.15	15.36	0.034	3.00	Pass
		16-QAM	RB1#0	19.7	-2	-4.15	15.55	0.036	3.00	Pass
			RB5#0	19.21	-2	-4.15	15.06	0.032	3.00	Pass
	MCH	QPSK	RB1#0	21.33	-2	-4.15	17.18	0.052	3.00	Pass
			RB6#0	19.57	-2	-4.15	15.42	0.035	3.00	Pass
		16-QAM	RB1#0	19.73	-2	-4.15	15.58	0.036	3.00	Pass
			RB5#0	19.28	-2	-4.15	15.13	0.033	3.00	Pass
	HCH	QPSK	RB1#0	21.36	-2	-4.15	17.21	0.053	3.00	Pass
			RB6#0	19.64	-2	-4.15	15.49	0.035	3.00	Pass
		16-QAM	RB1#0	19.71	-2	-4.15	15.56	0.036	3.00	Pass
			RB5#0	19.3	-2	-4.15	15.15	0.033	3.00	Pass
3 MHz	LCH	QPSK	RB1#0	21.34	-2	-4.15	17.19	0.052	3.00	Pass
			RB6#0	19.74	-2	-4.15	15.59	0.036	3.00	Pass
		16-QAM	RB1#0	19.81	-2	-4.15	15.66	0.037	3.00	Pass
			RB5#0	19.05	-2	-4.15	14.90	0.031	3.00	Pass
	MCH	QPSK	RB1#0	21.25	-2	-4.15	17.10	0.051	3.00	Pass
			RB6#0	19.69	-2	-4.15	15.54	0.036	3.00	Pass
		16-QAM	RB1#0	19.86	-2	-4.15	15.71	0.037	3.00	Pass
			RB5#0	19.06	-2	-4.15	14.91	0.031	3.00	Pass
	HCH	QPSK	RB1#0	21.72	-2	-4.15	17.57	0.057	3.00	Pass
			RB6#0	19.4	-2	-4.15	15.25	0.033	3.00	Pass
		16-QAM	RB1#0	20.42	-2	-4.15	16.27	0.042	3.00	Pass
			RB5#0	19.47	-2	-4.15	15.32	0.034	3.00	Pass
5 MHz	LCH	QPSK	RB1#0	21.44	-2	-4.15	17.29	0.054	3.00	Pass
			RB6#0	20.82	-2	-4.15	16.67	0.046	3.00	Pass
		16-QAM	RB1#0	20.77	-2	-4.15	16.62	0.046	3.00	Pass
			RB5#0	19.02	-2	-4.15	14.87	0.031	3.00	Pass
	MCH	QPSK	RB1#0	21.52	-2	-4.15	17.37	0.055	3.00	Pass
			RB6#0	20.95	-2	-4.15	16.80	0.048	3.00	Pass
		16-QAM	RB1#0	21.07	-2	-4.15	16.92	0.049	3.00	Pass
			RB5#0	19.22	-2	-4.15	15.07	0.032	3.00	Pass
	HCH	QPSK	RB1#0	21.59	-2	-4.15	17.44	0.055	3.00	Pass
			RB6#0	20.94	-2	-4.15	16.79	0.048	3.00	Pass
		16-QAM	RB1#0	21.11	-2	-4.15	16.96	0.050	3.00	Pass
			RB5#0	19.24	-2	-4.15	15.09	0.032	3.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
Cat M BAND 12										
10 MHz	LCH	QPSK	RB1#0	21.44	-2	-4.15	17.29	0.054	3.00	Pass
			RB6#0	20.81	-2	-4.15	16.66	0.046	3.00	Pass
		16-QAM	RB1#0	20.87	-2	-4.15	16.72	0.047	3.00	Pass
			RB5#0	20.06	-2	-4.15	15.91	0.039	3.00	Pass
	MCH	QPSK	RB1#0	21.8	-2	-4.15	17.65	0.058	3.00	Pass
			RB6#0	20.48	-2	-4.15	16.33	0.043	3.00	Pass
		16-QAM	RB1#0	21.66	-2	-4.15	17.51	0.056	3.00	Pass
			RB5#0	20.38	-2	-4.15	16.23	0.042	3.00	Pass
	HCH	QPSK	RB1#0	21.87	-2	-4.15	17.72	0.059	3.00	Pass
			RB6#0	20.51	-2	-4.15	16.36	0.043	3.00	Pass
		16-QAM	RB1#0	21.82	-2	-4.15	17.67	0.058	3.00	Pass
			RB5#0	20.46	-2	-4.15	16.31	0.043	3.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
Cat M BAND 13										
5 MHz	LCH	QPSK	RB1#0	22.29	0.81	-1.34	20.95	0.124	3.00	Pass
			RB6#0	21.53	0.81	-1.34	20.19	0.104	3.00	Pass
		16QAM	RB1#0	22.3	0.81	-1.34	20.96	0.125	3.00	Pass
			RB5#0	20.25	0.81	-1.34	18.91	0.078	3.00	Pass
	MCH	QPSK	RB1#0	22.38	0.81	-1.34	21.04	0.127	3.00	Pass
			RB6#0	21.52	0.81	-1.34	20.18	0.104	3.00	Pass
		16-QAM	RB1#0	22.35	0.81	-1.34	21.01	0.126	3.00	Pass
			RB5#0	20.57	0.81	-1.34	19.23	0.084	3.00	Pass
	HCH	QPSK	RB1#0	22.49	0.81	-1.34	21.15	0.130	3.00	Pass
			RB6#0	21.6	0.81	-1.34	20.26	0.106	3.00	Pass
		16-QAM	RB1#0	22.45	0.81	-1.34	21.11	0.129	3.00	Pass
			RB5#0	20.61	0.81	-1.34	19.27	0.085	3.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.33	0.81	-1.34	20.99	0.126	3.00	Pass
			RB6#0	21.56	0.81	-1.34	20.22	0.105	3.00	Pass
		16-QAM	RB1#0	22.36	0.81	-1.34	21.02	0.126	3.00	Pass
			RB5#0	21.29	0.81	-1.34	19.95	0.099	3.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
Cat M BAND 25									
1.4 MHz	LCH	QPSK	RB1#0	22.45	3.16	25.61	0.364	2.000	Pass
			RB6#0	20.68	3.16	23.84	0.242	2.000	Pass
		16-QAM	RB1#0	20.76	3.16	23.92	0.247	2.000	Pass
			RB5#0	20.44	3.16	23.60	0.229	2.000	Pass
	MCH	QPSK	RB1#0	22.37	3.16	25.53	0.357	2.000	Pass
			RB6#0	20.64	3.16	23.80	0.240	2.000	Pass
		16-QAM	RB1#0	20.69	3.16	23.85	0.243	2.000	Pass
			RB5#0	20.42	3.16	23.58	0.228	2.000	Pass
	HCH	QPSK	RB1#0	22.23	3.16	25.39	0.346	2.000	Pass
			RB6#0	20.5	3.16	23.66	0.232	2.000	Pass
		16-QAM	RB1#0	20.6	3.16	23.76	0.238	2.000	Pass
			RB5#0	20.32	3.16	23.48	0.223	2.000	Pass
3 MHz	LCH	QPSK	RB1#0	22.54	3.16	25.70	0.372	2.000	Pass
			RB6#0	20.93	3.16	24.09	0.256	2.000	Pass
		16-QAM	RB1#0	20.95	3.16	24.11	0.258	2.000	Pass
			RB5#0	20.29	3.16	23.45	0.221	2.000	Pass
	MCH	QPSK	RB1#0	22.45	3.16	25.61	0.364	2.000	Pass
			RB6#0	20.81	3.16	23.97	0.249	2.000	Pass
		16-QAM	RB1#0	20.89	3.16	24.05	0.254	2.000	Pass
			RB5#0	20.21	3.16	23.37	0.217	2.000	Pass
	HCH	QPSK	RB1#0	22.49	3.16	25.65	0.367	2.000	Pass
			RB6#0	20.86	3.16	24.02	0.252	2.000	Pass
		16-QAM	RB1#0	20.86	3.16	24.02	0.252	2.000	Pass
			RB5#0	20.25	3.16	23.41	0.219	2.000	Pass
5 MHz	LCH	QPSK	RB1#0	22.64	3.16	25.80	0.380	2.000	Pass
			RB6#0	21.98	3.16	25.14	0.327	2.000	Pass
		16-QAM	RB1#0	22.09	3.16	25.25	0.335	2.000	Pass
			RB5#0	20.17	3.16	23.33	0.215	2.000	Pass
	MCH	QPSK	RB1#0	23.08	3.16	26.24	0.421	2.000	Pass
			RB6#0	21.52	3.16	24.68	0.294	2.000	Pass
		16-QAM	RB1#0	23	3.16	26.16	0.413	2.000	Pass
			RB5#0	20.33	3.16	23.49	0.223	2.000	Pass
	HCH	QPSK	RB1#0	22.71	3.16	25.87	0.386	2.000	Pass
			RB6#0	21.21	3.16	24.37	0.274	2.000	Pass
		16-QAM	RB1#0	22.58	3.16	25.74	0.375	2.000	Pass
			RB5#0	20.01	3.16	23.17	0.207	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
Cat M BAND 25									
10 MHz	LCH	QPSK	RB1#0	22.61	3.16	25.77	0.378	2.000	Pass
			RB6#0	21.99	3.16	25.15	0.327	2.000	Pass
		16-QAM	RB1#0	22.09	3.16	25.25	0.335	2.000	Pass
			RB5#0	21.18	3.16	24.34	0.272	2.000	Pass
	MCH	QPSK	RB1#0	22.93	3.16	26.09	0.406	2.000	Pass
			RB6#0	21.52	3.16	24.68	0.294	2.000	Pass
		16-QAM	RB1#0	23.03	3.16	26.19	0.416	2.000	Pass
			RB5#0	21.38	3.16	24.54	0.284	2.000	Pass
	HCH	QPSK	RB1#0	22.85	3.16	26.01	0.399	2.000	Pass
			RB6#0	21.31	3.16	24.47	0.280	2.000	Pass
		16-QAM	RB1#0	22.69	3.16	25.85	0.385	2.000	Pass
			RB5#0	21.16	3.16	24.32	0.270	2.000	Pass
15 MHz	LCH	QPSK	RB1#0	22.62	3.16	25.78	0.378	2.000	Pass
			RB6#0	22.97	3.16	26.13	0.410	2.000	Pass
		16-QAM	RB1#0	22.09	3.16	25.25	0.335	2.000	Pass
			RB5#0	22.16	3.16	25.32	0.340	2.000	Pass
	MCH	QPSK	RB1#0	23.16	3.16	26.32	0.429	2.000	Pass
			RB6#0	22.64	3.16	25.80	0.380	2.000	Pass
		16-QAM	RB1#0	23.05	3.16	26.21	0.418	2.000	Pass
			RB5#0	22.52	3.16	25.68	0.370	2.000	Pass
	HCH	QPSK	RB1#0	22.82	3.16	25.98	0.396	2.000	Pass
			RB6#0	22.32	3.16	25.48	0.353	2.000	Pass
		16-QAM	RB1#0	22.67	3.16	25.83	0.383	2.000	Pass
			RB5#0	22.25	3.16	25.41	0.348	2.000	Pass
20 MHz	LCH	QPSK	RB1#0	22.64	3.16	25.80	0.380	2.000	Pass
			RB6#0	22.95	3.16	26.11	0.408	2.000	Pass
		16-QAM	RB1#0	22.22	3.16	25.38	0.345	2.000	Pass
			RB5#0	22.22	3.16	25.38	0.345	2.000	Pass
	MCH	QPSK	RB1#0	23.16	3.16	26.32	0.429	2.000	Pass
			RB6#0	22.69	3.16	25.85	0.385	2.000	Pass
		16-QAM	RB1#0	22.72	3.16	25.88	0.387	2.000	Pass
			RB5#0	22.54	3.16	25.70	0.372	2.000	Pass
	HCH	QPSK	RB1#0	22.87	3.16	26.03	0.401	2.000	Pass
			RB6#0	22.39	3.16	25.55	0.359	2.000	Pass
		16-QAM	RB1#0	22.72	3.16	25.88	0.387	2.000	Pass
			RB5#0	22.28	3.16	25.44	0.350	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
Cat M BAND 26(part 22)										
1.4 MHz	LCH	QPSK	RB1#0	22.71	0.46	-1.69	21.02	0.126	7.00	Pass
			RB6#0	20.96	0.46	-1.69	19.27	0.085	7.00	Pass
		16-QAM	RB1#0	21.11	0.46	-1.69	19.42	0.087	7.00	Pass
			RB5#0	20.61	0.46	-1.69	18.92	0.078	7.00	Pass
	MCH	QPSK	RB1#0	22.51	0.46	-1.69	20.82	0.121	7.00	Pass
			RB6#0	20.75	0.46	-1.69	19.06	0.081	7.00	Pass
		16-QAM	RB1#0	20.96	0.46	-1.69	19.27	0.085	7.00	Pass
			RB5#0	20.47	0.46	-1.69	18.78	0.076	7.00	Pass
	HCH	QPSK	RB1#0	22.47	0.46	-1.69	20.78	0.120	7.00	Pass
			RB6#0	20.7	0.46	-1.69	19.01	0.080	7.00	Pass
		16-QAM	RB1#0	20.83	0.46	-1.69	19.14	0.082	7.00	Pass
			RB5#0	20.39	0.46	-1.69	18.70	0.074	7.00	Pass
3 MHz	LCH	QPSK	RB1#0	22.73	0.46	-1.69	21.04	0.127	7.00	Pass
			RB6#0	21.07	0.46	-1.69	19.38	0.087	7.00	Pass
		16-QAM	RB1#0	21.13	0.46	-1.69	19.44	0.088	7.00	Pass
			RB5#0	20.4	0.46	-1.69	18.71	0.074	7.00	Pass
	MCH	QPSK	RB1#0	22.59	0.46	-1.69	20.90	0.123	7.00	Pass
			RB6#0	20.93	0.46	-1.69	19.24	0.084	7.00	Pass
		16-QAM	RB1#0	20.99	0.46	-1.69	19.30	0.085	7.00	Pass
			RB5#0	20.17	0.46	-1.69	18.48	0.070	7.00	Pass
	HCH	QPSK	RB1#0	22.61	0.46	-1.69	20.92	0.124	7.00	Pass
			RB6#0	20.92	0.46	-1.69	19.23	0.084	7.00	Pass
		16-QAM	RB1#0	21.03	0.46	-1.69	19.34	0.086	7.00	Pass
			RB5#0	20.23	0.46	-1.69	18.54	0.071	7.00	Pass
5 MHz	LCH	QPSK	RB1#0	22.98	0.46	-1.69	21.29	0.135	7.00	Pass
			RB6#0	22.28	0.46	-1.69	20.59	0.115	7.00	Pass
		16-QAM	RB1#0	22.23	0.46	-1.69	20.59	0.115	7.00	Pass
			RB5#0	20.44	0.46	-1.69	20.54	0.113	7.00	Pass
	MCH	QPSK	RB1#0	23.1	0.46	-1.69	18.75	0.075	7.00	Pass
			RB6#0	21.71	0.46	-1.69	21.41	0.138	7.00	Pass
		16-QAM	RB1#0	23.08	0.46	-1.69	20.02	0.100	7.00	Pass
			RB5#0	20.65	0.46	-1.69	21.39	0.138	7.00	Pass
	HCH	QPSK	RB1#0	23.18	0.46	-1.69	18.96	0.079	7.00	Pass
			RB6#0	21.74	0.46	-1.69	21.49	0.141	7.00	Pass
		16-QAM	RB1#0	23.15	0.46	-1.69	20.05	0.101	7.00	Pass
			RB5#0	20.73	0.46	-1.69	21.46	0.140	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
Cat M BAND 26(part 22)										
10 MHz	LCH	QPSK	RB1#0	22.88	0.46	-1.69	19.04	0.080	7.00	Pass
			RB6#0	22.19	0.46	-1.69	21.19	0.132	7.00	Pass
		16-QAM	RB1#0	22.36	0.46	-1.69	20.50	0.112	7.00	Pass
			RB5#0	21.42	0.46	-1.69	20.67	0.117	7.00	Pass
	MCH	QPSK	RB1#0	23.22	0.46	-1.69	19.73	0.094	7.00	Pass
			RB6#0	21.79	0.46	-1.69	21.53	0.142	7.00	Pass
		16-QAM	RB1#0	23.18	0.46	-1.69	20.10	0.102	7.00	Pass
			RB5#0	21.73	0.46	-1.69	21.49	0.141	7.00	Pass
	HCH	QPSK	RB1#0	23.24	0.46	-1.69	20.04	0.101	7.00	Pass
			RB6#0	21.72	0.46	-1.69	21.55	0.143	7.00	Pass
		16-QAM	RB1#0	23.16	0.46	-1.69	20.03	0.101	7.00	Pass
			RB5#0	21.72	0.46	-1.69	21.47	0.140	7.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.9	0.46	-1.69	20.03	0.101	7.00	Pass
			RB6#0	23.22	0.46	-1.69	21.21	0.132	7.00	Pass
		16-QAM	RB1#0	22.3	0.46	-1.69	21.53	0.142	7.00	Pass
			RB5#0	22.38	0.46	-1.69	20.61	0.115	7.00	Pass
	MCH	QPSK	RB1#0	23.14	0.46	-1.69	20.69	0.117	7.00	Pass
			RB6#0	22.83	0.46	-1.69	21.45	0.140	7.00	Pass
		16-QAM	RB1#0	23.16	0.46	-1.69	21.14	0.130	7.00	Pass
			RB5#0	22.77	0.46	-1.69	21.47	0.140	7.00	Pass
	HCH	QPSK	RB1#0	23.32	0.46	-1.69	21.08	0.128	7.00	Pass
			RB6#0	22.82	0.46	-1.69	21.63	0.146	7.00	Pass
		16-QAM	RB1#0	23.21	0.46	-1.69	21.13	0.130	7.00	Pass
			RB5#0	22.75	0.46	-1.69	21.52	0.142	7.00	Pass

TestBW	TestChannel	TestMode	Test RB (Size#Offset)	Conducted Output AV Power(dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
Cat M BAND 26(part 90)										
1.4 MHz	LCH	QPSK	RB1#0	22.71	0.37	-1.78	20.93	0.124	100.0	Pass
			RB6#0	21	0.37	-1.78	19.22	0.084	100.0	Pass
		16-QAM	RB1#0	21.15	0.37	-1.78	19.37	0.086	100.0	Pass
			RB5#0	20.74	0.37	-1.78	18.96	0.079	100.0	Pass
	MCH	QPSK	RB1#0	22.71	0.37	-1.78	20.93	0.124	100.0	Pass
			RB6#0	20.95	0.37	-1.78	19.17	0.083	100.0	Pass
		16-QAM	RB1#0	21.17	0.37	-1.78	19.39	0.087	100.0	Pass
			RB5#0	20.66	0.37	-1.78	18.88	0.077	100.0	Pass
	HCH	QPSK	RB1#0	22.71	0.37	-1.78	20.93	0.124	100.0	Pass
			RB6#0	20.95	0.37	-1.78	19.17	0.083	100.0	Pass
		16-QAM	RB1#0	21.11	0.37	-1.78	19.33	0.086	100.0	Pass
			RB5#0	20.6	0.37	-1.78	18.82	0.076	100.0	Pass
3 MHz	LCH	QPSK	RB1#0	22.74	0.37	-1.78	20.96	0.125	100.0	Pass
			RB6#0	21.08	0.37	-1.78	19.30	0.085	100.0	Pass
		16-QAM	RB1#0	21.09	0.37	-1.78	19.31	0.085	100.0	Pass
			RB5#0	20.5	0.37	-1.78	18.72	0.074	100.0	Pass
	MCH	QPSK	RB1#0	22.79	0.37	-1.78	21.01	0.126	100.0	Pass
			RB6#0	21.15	0.37	-1.78	19.37	0.086	100.0	Pass
		16-QAM	RB1#0	21.31	0.37	-1.78	19.53	0.090	100.0	Pass
			RB5#0	20.4	0.37	-1.78	18.62	0.073	100.0	Pass
	HCH	QPSK	RB1#0	22.73	0.37	-1.78	20.95	0.124	100.0	Pass
			RB6#0	20.99	0.37	-1.78	19.21	0.083	100.0	Pass
		16-QAM	RB1#0	21.15	0.37	-1.78	19.37	0.086	100.0	Pass
			RB5#0	20.7	0.37	-1.78	18.92	0.078	100.0	Pass
5 MHz	LCH	QPSK	RB1#0	22.98	0.37	-1.78	21.20	0.132	100.0	Pass
			RB6#0	22.28	0.37	-1.78	20.50	0.112	100.0	Pass
		16-QAM	RB1#0	22.46	0.37	-1.78	20.68	0.117	100.0	Pass
			RB5#0	20.54	0.37	-1.78	18.76	0.075	100.0	Pass
	MCH	QPSK	RB1#0	23.51	0.37	-1.78	21.73	0.149	100.0	Pass
			RB6#0	22.06	0.37	-1.78	20.28	0.107	100.0	Pass
		16-QAM	RB1#0	23.34	0.37	-1.78	21.56	0.143	100.0	Pass
			RB5#0	20.95	0.37	-1.78	19.17	0.083	100.0	Pass
	HCH	QPSK	RB1#0	23.38	0.37	-1.78	21.60	0.145	100.0	Pass

TestBW	TestChannel	TestMode	Test RB (Size#Offset)	Conducted Output AV Power(dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
Cat M BAND 26(part 90)										
10 MHz	MCH	16-QAM	RB6#0	21.94	0.37	-1.78	20.16	0.104	100.0	Pass
			RB1#0	23.28	0.37	-1.78	21.50	0.141	100.0	Pass
			RB5#0	20.87	0.37	-1.78	19.09	0.081	100.0	Pass
		QPSK	RB1#0	22.97	0.37	-1.78	21.19	0.132	100.0	Pass
			RB6#0	22.3	0.37	-1.78	20.52	0.113	100.0	Pass
		16-QAM	RB1#0	22.41	0.37	-1.78	20.63	0.116	100.0	Pass
			RB5#0	21.52	0.37	-1.78	19.74	0.094	100.0	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
Cat M BAND 66									
1.4 MHz	LCH	QPSK	RB1#0	22.48	3.3	25.78	0.378	1.000	Pass
			RB6#0	20.74	3.3	24.04	0.254	1.000	Pass
		16-QAM	RB1#0	20.84	3.3	24.14	0.259	1.000	Pass
			RB5#0	20.5	3.3	23.80	0.240	1.000	Pass
	MCH	QPSK	RB1#0	22.36	3.3	25.66	0.368	1.000	Pass
			RB6#0	20.71	3.3	24.01	0.252	1.000	Pass
		16-QAM	RB1#0	20.82	3.3	24.12	0.258	1.000	Pass
			RB5#0	20.3	3.3	23.60	0.229	1.000	Pass
	HCH	QPSK	RB1#0	22.47	3.3	25.77	0.378	1.000	Pass
			RB6#0	20.66	3.3	23.96	0.249	1.000	Pass
		16-QAM	RB1#0	20.85	3.3	24.15	0.260	1.000	Pass
			RB5#0	20.44	3.3	23.74	0.237	1.000	Pass
3 MHz	LCH	QPSK	RB1#0	22.56	3.3	25.86	0.385	1.000	Pass
			RB6#0	20.93	3.3	24.23	0.265	1.000	Pass
		16-QAM	RB1#0	20.98	3.3	24.28	0.268	1.000	Pass
			RB5#0	20.21	3.3	23.51	0.224	1.000	Pass
	MCH	QPSK	RB1#0	22.45	3.3	25.75	0.376	1.000	Pass
			RB6#0	20.89	3.3	24.19	0.262	1.000	Pass
		16-QAM	RB1#0	20.85	3.3	24.15	0.260	1.000	Pass
			RB5#0	20.12	3.3	23.42	0.220	1.000	Pass
	HCH	QPSK	RB1#0	22.57	3.3	25.87	0.386	1.000	Pass
			RB6#0	20.94	3.3	24.24	0.265	1.000	Pass
		16-QAM	RB1#0	20.96	3.3	24.26	0.267	1.000	Pass
			RB5#0	20.21	3.3	23.51	0.224	1.000	Pass
5 MHz	LCH	QPSK	RB1#0	22.61	3.3	25.91	0.390	1.000	Pass
			RB6#0	22.05	3.3	25.35	0.343	1.000	Pass
		16-QAM	RB1#0	22.12	3.3	25.42	0.348	1.000	Pass
			RB5#0	20.22	3.3	23.52	0.225	1.000	Pass
	MCH	QPSK	RB1#0	23.27	3.3	26.57	0.454	1.000	Pass
			RB6#0	21.85	3.3	25.15	0.327	1.000	Pass
		16-QAM	RB1#0	23.13	3.3	26.43	0.440	1.000	Pass
			RB5#0	20.7	3.3	24.00	0.251	1.000	Pass
	HCH	QPSK	RB1#0	22.58	3.3	25.88	0.387	1.000	Pass
			RB6#0	22.01	3.3	25.31	0.340	1.000	Pass
		16-QAM	RB1#0	22.13	3.3	25.43	0.349	1.000	Pass
			RB5#0	20.21	3.3	23.51	0.224	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
Cat M BAND 66									
10 MHz	LCH	QPSK	RB1#0	22.6	3.3	25.90	0.389	1.000	Pass
			RB6#0	21.98	3.3	25.28	0.337	1.000	Pass
		16-QAM	RB1#0	22.23	3.3	25.53	0.357	1.000	Pass
			RB5#0	21.28	3.3	24.58	0.287	1.000	Pass
	MCH	QPSK	RB1#0	22.93	3.3	26.23	0.420	1.000	Pass
			RB6#0	21.89	3.3	25.19	0.330	1.000	Pass
		16-QAM	RB1#0	22.99	3.3	26.29	0.426	1.000	Pass
			RB5#0	21.1	3.3	24.40	0.275	1.000	Pass
	HCH	QPSK	RB1#0	23.17	3.3	26.47	0.444	1.000	Pass
			RB6#0	21.7	3.3	25.00	0.316	1.000	Pass
		16-QAM	RB1#0	23.08	3.3	26.38	0.435	1.000	Pass
			RB5#0	21.58	3.3	24.88	0.308	1.000	Pass
15 MHz	LCH	QPSK	RB1#0	22.89	3.3	26.19	0.416	1.000	Pass
			RB6#0	22.59	3.3	25.89	0.388	1.000	Pass
		16-QAM	RB1#0	22.79	3.3	26.09	0.406	1.000	Pass
			RB5#0	22.55	3.3	25.85	0.385	1.000	Pass
	MCH	QPSK	RB1#0	23.21	3.3	26.51	0.448	1.000	Pass
			RB6#0	22.89	3.3	26.19	0.416	1.000	Pass
		16-QAM	RB1#0	23.07	3.3	26.37	0.434	1.000	Pass
			RB5#0	22.67	3.3	25.97	0.395	1.000	Pass
	HCH	QPSK	RB1#0	22.79	3.3	26.09	0.406	1.000	Pass
			RB6#0	22.89	3.3	26.19	0.416	1.000	Pass
		16-QAM	RB1#0	23.01	3.3	26.31	0.428	1.000	Pass
			RB5#0	22.05	3.3	25.35	0.343	1.000	Pass
20 MHz	LCH	QPSK	RB1#0	22.6	3.3	25.90	0.389	1.000	Pass
			RB6#0	22.94	3.3	26.24	0.421	1.000	Pass
		16-QAM	RB1#0	22.1	3.3	25.40	0.347	1.000	Pass
			RB5#0	22.16	3.3	25.46	0.352	1.000	Pass
	MCH	QPSK	RB1#0	23.21	3.3	26.51	0.448	1.000	Pass
			RB6#0	22.89	3.3	26.19	0.416	1.000	Pass
		16-QAM	RB1#0	23.1	3.3	26.40	0.437	1.000	Pass
			RB5#0	22.7	3.3	26.00	0.398	1.000	Pass
	HCH	QPSK	RB1#0	22.89	3.3	26.19	0.416	1.000	Pass
			RB6#0	22.82	3.3	26.12	0.409	1.000	Pass
		16-QAM	RB1#0	22.94	3.3	26.24	0.421	1.000	Pass
			RB5#0	21.94	3.3	25.24	0.334	1.000	Pass

LTE-NB-IOT Mode Test Data

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
Nb-IOT BAND 2									
3.75	LCH	QPSK	1#0	21.96	3.16	25.12	0.325	2.000	Pass
			1#47	22.13	3.16	25.29	0.338	2.000	Pass
		BPSK	1#0	21.95	3.16	25.11	0.324	2.000	Pass
			1#47	22.07	3.16	25.23	0.333	2.000	Pass
	MCH	QPSK	1#0	22.27	3.16	25.43	0.349	2.000	Pass
			1#47	21.96	3.16	25.12	0.325	2.000	Pass
		BPSK	1#0	22.47	3.16	25.63	0.366	2.000	Pass
			1#47	21.91	3.16	25.07	0.321	2.000	Pass
	HCH	QPSK	1#0	23	3.16	26.16	0.413	2.000	Pass
			1#47	21.63	3.16	24.79	0.301	2.000	Pass
		BPSK	1#0	23.01	3.16	26.17	0.414	2.000	Pass
			1#47	21.61	3.16	24.77	0.300	2.000	Pass
15	LCH	QPSK	1#0	22.14	3.16	25.30	0.339	2.000	Pass
			1#11	22.35	3.16	25.51	0.356	2.000	Pass
			12#0	22.52	3.16	25.68	0.370	2.000	Pass
		BPSK	1#0	22.25	3.16	25.41	0.348	2.000	Pass
			1#11	22.36	3.16	25.52	0.356	2.000	Pass
	MCH	QPSK	1#0	22.53	3.16	25.69	0.371	2.000	Pass
			1#11	22.12	3.16	25.28	0.337	2.000	Pass
			12#0	22.97	3.16	26.13	0.410	2.000	Pass
		BPSK	1#0	22.47	3.16	25.63	0.366	2.000	Pass
			1#11	22.18	3.16	25.34	0.342	2.000	Pass
	HCH	QPSK	1#0	23.16	3.16	26.32	0.429	2.000	Pass
			1#11	21.89	3.16	25.05	0.320	2.000	Pass
			12#0	23.4	3.16	26.56	0.453	2.000	Pass
		BPSK	1#0	23.18	3.16	26.34	0.431	2.000	Pass
			1#11	21.8	3.16	24.96	0.313	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
Nb-IOT BAND 4									
3.75	LCH	QPSK	1#0	22.11	3.3	25.41	0.348	1.000	Pass
			1#47	22.32	3.3	25.62	0.365	1.000	Pass
		BPSK	1#0	22.01	3.3	25.31	0.340	1.000	Pass
			1#47	22.23	3.3	25.53	0.357	1.000	Pass
	MCH	QPSK	1#0	21.94	3.3	25.24	0.334	1.000	Pass
			1#47	22.41	3.3	25.71	0.372	1.000	Pass
		BPSK	1#0	21.98	3.3	25.28	0.337	1.000	Pass
			1#47	22.35	3.3	25.65	0.367	1.000	Pass
	HCH	QPSK	1#0	22.13	3.3	25.43	0.349	1.000	Pass
			1#47	22.48	3.3	25.78	0.378	1.000	Pass
		BPSK	1#0	22.09	3.3	25.39	0.346	1.000	Pass
			1#47	22.43	3.3	25.73	0.374	1.000	Pass
15	LCH	QPSK	1#0	22.31	3.3	25.61	0.364	1.000	Pass
			1#11	22.54	3.3	25.84	0.384	1.000	Pass
			12#0	22.53	3.3	25.83	0.383	1.000	Pass
		BPSK	1#0	22.22	3.3	25.52	0.356	1.000	Pass
			1#11	22.47	3.3	25.77	0.378	1.000	Pass
	MCH	QPSK	1#0	22.3	3.3	25.60	0.363	1.000	Pass
			1#11	22.67	3.3	25.97	0.395	1.000	Pass
			12#0	22.4	3.3	25.70	0.372	1.000	Pass
		BPSK	1#0	22.14	3.3	25.44	0.350	1.000	Pass
			1#11	22.49	3.3	25.79	0.379	1.000	Pass
	HCH	QPSK	1#0	22.36	3.3	25.66	0.368	1.000	Pass
			1#11	22.72	3.3	26.02	0.400	1.000	Pass
			12#0	22.54	3.3	25.84	0.384	1.000	Pass
		BPSK	1#0	22.29	3.3	25.59	0.362	1.000	Pass
			1#11	22.64	3.3	25.94	0.393	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
Nb-IOT BAND 5										
3.75	LCH	QPSK	1#0	22.53	0.46	-1.69	20.84	0.121	7.00	Pass
			1#47	22.47	0.46	-1.69	20.78	0.120	7.00	Pass
		BPSK	1#0	22.43	0.46	-1.69	20.74	0.119	7.00	Pass
			1#47	22.43	0.46	-1.69	20.74	0.119	7.00	Pass
	MCH	QPSK	1#0	22.37	0.46	-1.69	20.68	0.117	7.00	Pass
			1#47	22.06	0.46	-1.69	20.37	0.109	7.00	Pass
		BPSK	1#0	22.49	0.46	-1.69	20.80	0.120	7.00	Pass
			1#47	22.95	0.46	-1.69	21.26	0.134	7.00	Pass
	HCH	QPSK	1#0	22.4	0.46	-1.69	20.71	0.118	7.00	Pass
			1#47	22.68	0.46	-1.69	20.99	0.126	7.00	Pass
		BPSK	1#0	22.33	0.46	-1.69	20.64	0.116	7.00	Pass
			1#47	22.62	0.46	-1.69	20.93	0.124	7.00	Pass
15	LCH	QPSK	1#0	22.69	0.46	-1.69	21.00	0.126	7.00	Pass
			1#11	22.64	0.46	-1.69	20.95	0.124	7.00	Pass
			12#0	21.89	0.46	-1.69	20.20	0.105	7.00	Pass
		BPSK	1#0	22.62	0.46	-1.69	20.93	0.124	7.00	Pass
			1#11	22.57	0.46	-1.69	20.88	0.122	7.00	Pass
	MCH	QPSK	1#0	22.68	0.46	-1.69	20.99	0.126	7.00	Pass
			1#11	22.25	0.46	-1.69	20.56	0.114	7.00	Pass
			12#0	21.82	0.46	-1.69	20.13	0.103	7.00	Pass
		BPSK	1#0	22.57	0.46	-1.69	20.88	0.122	7.00	Pass
			1#11	22.19	0.46	-1.69	20.50	0.112	7.00	Pass
	HCH	QPSK	1#0	22.52	0.46	-1.69	20.83	0.121	7.00	Pass
			1#11	22.8	0.46	-1.69	21.11	0.129	7.00	Pass
			12#0	21.64	0.46	-1.69	19.95	0.099	7.00	Pass
		BPSK	1#0	22.48	0.46	-1.69	20.79	0.120	7.00	Pass
			1#11	22.65	0.46	-1.69	20.96	0.125	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
Nb-IOT BAND 12										
3.75	LCH	QPSK	1#0	22.68	-2	-4.15	18.53	0.071	3.00	Pass
			1#47	20.66	-2	-4.15	16.51	0.045	3.00	Pass
		BPSK	1#0	22.61	-2	-4.15	18.46	0.070	3.00	Pass
			1#47	20.59	-2	-4.15	16.44	0.044	3.00	Pass
	MCH	QPSK	1#0	22.74	-2	-4.15	18.59	0.072	3.00	Pass
			1#47	21.09	-2	-4.15	16.94	0.049	3.00	Pass
		BPSK	1#0	22.67	-2	-4.15	18.52	0.071	3.00	Pass
			1#47	21.02	-2	-4.15	16.87	0.049	3.00	Pass
	HCH	QPSK	1#0	22.75	-2	-4.15	18.60	0.072	3.00	Pass
			1#47	21.47	-2	-4.15	17.32	0.054	3.00	Pass
		BPSK	1#0	22.63	-2	-4.15	18.48	0.070	3.00	Pass
			1#47	21.44	-2	-4.15	17.29	0.054	3.00	Pass
15	LCH	QPSK	1#0	22.89	-2	-4.15	18.74	0.075	3.00	Pass
			1#11	20.76	-2	-4.15	16.61	0.046	3.00	Pass
			12#0	22.89	-2	-4.15	18.74	0.075	3.00	Pass
		BPSK	1#0	22.85	-2	-4.15	18.70	0.074	3.00	Pass
			1#11	20.71	-2	-4.15	16.56	0.045	3.00	Pass
	MCH	QPSK	1#0	22.95	-2	-4.15	18.80	0.076	3.00	Pass
			1#11	21.24	-2	-4.15	17.09	0.051	3.00	Pass
			12#0	22.89	-2	-4.15	18.74	0.075	3.00	Pass
		BPSK	1#0	22.86	-2	-4.15	18.71	0.074	3.00	Pass
			1#11	21.15	-2	-4.15	17.00	0.050	3.00	Pass
	HCH	QPSK	1#0	22.9	-2	-4.15	18.75	0.075	3.00	Pass
			1#11	21.58	-2	-4.15	17.43	0.055	3.00	Pass
			12#0	22.89	-2	-4.15	18.74	0.075	3.00	Pass
		BPSK	1#0	22.86	-2	-4.15	18.71	0.074	3.00	Pass
			1#11	21.52	-2	-4.15	17.37	0.055	3.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
Nb-IOT BAND 13										
3.75	LCH	QPSK	1#0	22.07	0.81	-1.34	20.73	0.118	3.00	Pass
			1#47	22.55	0.81	-1.34	21.21	0.132	3.00	Pass
		BPSK	1#0	22.06	0.81	-1.34	20.72	0.118	3.00	Pass
			1#47	22.47	0.81	-1.34	21.13	0.130	3.00	Pass
	MCH	QPSK	1#0	22.01	0.81	-1.34	20.67	0.117	3.00	Pass
			1#47	22.51	0.81	-1.34	21.17	0.131	3.00	Pass
		BPSK	1#0	21.96	0.81	-1.34	20.62	0.115	3.00	Pass
			1#47	22.46	0.81	-1.34	21.12	0.129	3.00	Pass
	HCH	QPSK	1#0	21.82	0.81	-1.34	20.48	0.112	3.00	Pass
			1#47	22.52	0.81	-1.34	21.18	0.131	3.00	Pass
		BPSK	1#0	21.88	0.81	-1.34	20.54	0.113	3.00	Pass
			1#47	22.44	0.81	-1.34	21.10	0.129	3.00	Pass
15	LCH	QPSK	1#0	22.25	0.81	-1.34	20.91	0.123	3.00	Pass
			1#11	22.63	0.81	-1.34	21.29	0.135	3.00	Pass
			12#0	22.35	0.81	-1.34	21.01	0.126	3.00	Pass
		BPSK	1#0	22.12	0.81	-1.34	20.78	0.120	3.00	Pass
			1#11	22.59	0.81	-1.34	21.25	0.133	3.00	Pass
	MCH	QPSK	1#0	22.2	0.81	-1.34	20.86	0.122	3.00	Pass
			1#11	22.6	0.81	-1.34	21.26	0.134	3.00	Pass
			12#0	22.19	0.81	-1.34	20.85	0.122	3.00	Pass
		BPSK	1#0	22.04	0.81	-1.34	20.70	0.117	3.00	Pass
			1#11	22.62	0.81	-1.34	21.28	0.134	3.00	Pass
	HCH	QPSK	1#0	22.03	0.81	-1.34	20.69	0.117	3.00	Pass
			1#11	22.69	0.81	-1.34	21.35	0.136	3.00	Pass
			12#0	22.13	0.81	-1.34	20.79	0.120	3.00	Pass
		BPSK	1#0	21.93	0.81	-1.34	20.59	0.115	3.00	Pass
			1#11	22.68	0.81	-1.34	21.34	0.136	3.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
Nb-IOT BAND 17										
3.75	LCH	QPSK	1#0	22.31	-2	-4.15	18.16	0.065	3.00	Pass
			1#47	20.51	-2	-4.15	16.36	0.043	3.00	Pass
		BPSK	1#0	22.47	-2	-4.15	18.32	0.068	3.00	Pass
			1#47	20.42	-2	-4.15	16.27	0.042	3.00	Pass
	MCH	QPSK	1#0	22.26	-2	-4.15	18.11	0.065	3.00	Pass
			1#47	20.72	-2	-4.15	16.57	0.045	3.00	Pass
		BPSK	1#0	22.47	-2	-4.15	18.32	0.068	3.00	Pass
			1#47	20.9	-2	-4.15	16.75	0.047	3.00	Pass
	HCH	QPSK	1#0	22.38	-2	-4.15	18.23	0.067	3.00	Pass
			1#47	21.16	-2	-4.15	17.01	0.050	3.00	Pass
		BPSK	1#0	22.46	-2	-4.15	18.31	0.068	3.00	Pass
			1#47	21.13	-2	-4.15	16.98	0.050	3.00	Pass
15	LCH	QPSK	1#0	22.53	-2	-4.15	18.38	0.069	3.00	Pass
			1#11	20.65	-2	-4.15	16.50	0.045	3.00	Pass
			12#0	22.57	-2	-4.15	18.42	0.070	3.00	Pass
		BPSK	1#0	22.38	-2	-4.15	18.23	0.067	3.00	Pass
			1#11	20.64	-2	-4.15	16.49	0.045	3.00	Pass
	MCH	QPSK	1#0	22.39	-2	-4.15	18.24	0.067	3.00	Pass
			1#11	20.81	-2	-4.15	16.66	0.046	3.00	Pass
			12#0	22.34	-2	-4.15	18.19	0.066	3.00	Pass
		BPSK	1#0	22.26	-2	-4.15	18.11	0.065	3.00	Pass
			1#11	20.79	-2	-4.15	16.64	0.046	3.00	Pass
	HCH	QPSK	1#0	22.54	-2	-4.15	18.39	0.069	3.00	Pass
			1#11	21.18	-2	-4.15	17.03	0.050	3.00	Pass
			12#0	22.68	-2	-4.15	18.53	0.071	3.00	Pass
		BPSK	1#0	22.55	-2	-4.15	18.40	0.069	3.00	Pass
			1#11	21.25	-2	-4.15	17.10	0.051	3.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
Nb-IOT BAND 25									
3.75	LCH	QPSK	1#0	22.37	3.16	25.53	0.357	2.000	Pass
			1#47	22.49	3.16	25.65	0.367	2.000	Pass
		BPSK	1#0	22.41	3.16	25.57	0.361	2.000	Pass
			1#47	22.49	3.16	25.65	0.367	2.000	Pass
	MCH	QPSK	1#0	22.84	3.16	26.00	0.398	2.000	Pass
			1#47	22.14	3.16	25.30	0.339	2.000	Pass
		BPSK	1#0	23.04	3.16	26.20	0.417	2.000	Pass
			1#47	22.11	3.16	25.27	0.337	2.000	Pass
	HCH	QPSK	1#0	23.3	3.16	26.46	0.443	2.000	Pass
			1#47	21.33	3.16	24.49	0.281	2.000	Pass
		BPSK	1#0	23.25	3.16	26.41	0.438	2.000	Pass
			1#47	21.31	3.16	24.47	0.280	2.000	Pass
15	LCH	QPSK	1#0	22.51	3.16	25.67	0.369	2.000	Pass
			1#11	22.69	3.16	25.85	0.385	2.000	Pass
			12#0	22.77	3.16	25.93	0.392	2.000	Pass
		BPSK	1#0	22.56	3.16	25.72	0.373	2.000	Pass
			1#11	22.65	3.16	25.81	0.381	2.000	Pass
	MCH	QPSK	1#0	23	3.16	26.16	0.413	2.000	Pass
			1#11	21.92	3.16	25.08	0.322	2.000	Pass
			12#0	23.16	3.16	26.32	0.429	2.000	Pass
		BPSK	1#0	23.01	3.16	26.17	0.414	2.000	Pass
			1#11	22.09	3.16	25.25	0.335	2.000	Pass
	HCH	QPSK	1#0	23.33	3.16	26.49	0.446	2.000	Pass
			1#11	21.46	3.16	24.62	0.290	2.000	Pass
			12#0	23.37	3.16	26.53	0.450	2.000	Pass
		BPSK	1#0	23.42	3.16	26.58	0.455	2.000	Pass
			1#11	21.45	3.16	24.61	0.289	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
Nb-IOT BAND 66									
3.75	LCH	QPSK	1#0	22	3.3	25.30	0.339	1.000	Pass
			1#47	22.2	3.3	25.50	0.355	1.000	Pass
		BPSK	1#0	22.22	3.3	25.52	0.356	1.000	Pass
			1#47	22.3	3.3	25.60	0.363	1.000	Pass
	MCH	QPSK	1#0	22.14	3.3	25.44	0.350	1.000	Pass
			1#47	22.24	3.3	25.54	0.358	1.000	Pass
		BPSK	1#0	21.95	3.3	25.25	0.335	1.000	Pass
			1#47	22.24	3.3	25.54	0.358	1.000	Pass
	HCH	QPSK	1#0	21.86	3.3	25.16	0.328	1.000	Pass
			1#47	22.3	3.3	25.60	0.363	1.000	Pass
		BPSK	1#0	21.82	3.3	25.12	0.325	1.000	Pass
			1#47	22.29	3.3	25.59	0.362	1.000	Pass
15	LCH	QPSK	1#0	22.11	3.3	25.41	0.348	1.000	Pass
			1#11	22.46	3.3	25.76	0.377	1.000	Pass
			12#0	22.43	3.3	25.73	0.374	1.000	Pass
		BPSK	1#0	22.1	3.3	25.40	0.347	1.000	Pass
			1#11	22.47	3.3	25.77	0.378	1.000	Pass
	MCH	QPSK	1#0	22.05	3.3	25.35	0.343	1.000	Pass
			1#11	22.51	3.3	25.81	0.381	1.000	Pass
			12#0	22.55	3.3	25.85	0.385	1.000	Pass
		BPSK	1#0	22.11	3.3	25.41	0.348	1.000	Pass
			1#11	22.47	3.3	25.77	0.378	1.000	Pass
	HCH	QPSK	1#0	22.1	3.3	25.40	0.347	1.000	Pass
			1#11	22.46	3.3	25.76	0.377	1.000	Pass
			12#0	22.12	3.3	25.42	0.348	1.000	Pass
		BPSK	1#0	22.04	3.3	25.34	0.342	1.000	Pass
			1#11	22.49	3.3	25.79	0.379	1.000	Pass