

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	23.01	2.5	25.51	0.356	2.00	Pass
			RB6#0	20.79	2.5	23.29	0.213	2.00	Pass
		16-QAM	RB1#0	21.99	2.5	24.49	0.281	2.00	Pass
			RB5#0	20.58	2.5	23.08	0.203	2.00	Pass
	MCH	QPSK	RB1#0	23.13	2.5	25.63	0.366	2.00	Pass
			RB6#0	20.89	2.5	23.39	0.218	2.00	Pass
		16-QAM	RB1#0	22.06	2.5	24.56	0.286	2.00	Pass
			RB5#0	20.84	2.5	23.34	0.216	2.00	Pass
	HCH	QPSK	RB1#0	23.05	2.5	25.55	0.359	2.00	Pass
			RB6#0	20.88	2.5	23.38	0.218	2.00	Pass
		16-QAM	RB1#0	22.11	2.5	24.61	0.289	2.00	Pass
			RB5#0	20.81	2.5	23.31	0.214	2.00	Pass
3 MHz	LCH	QPSK	RB1#0	23.09	2.5	25.59	0.362	2.00	Pass
			RB6#0	20.78	2.5	23.28	0.213	2.00	Pass
		16-QAM	RB1#0	21.84	2.5	24.34	0.272	2.00	Pass
			RB5#0	20.57	2.5	23.07	0.203	2.00	Pass
	MCH	QPSK	RB1#0	23.15	2.5	25.65	0.367	2.00	Pass
			RB6#0	21	2.5	23.50	0.224	2.00	Pass
		16-QAM	RB1#0	22.16	2.5	24.66	0.292	2.00	Pass
			RB5#0	20.86	2.5	23.36	0.217	2.00	Pass
	HCH	QPSK	RB1#0	23.08	2.5	25.58	0.361	2.00	Pass
			RB6#0	20.88	2.5	23.38	0.218	2.00	Pass
		16-QAM	RB1#0	22.03	2.5	24.53	0.284	2.00	Pass
			RB5#0	20.82	2.5	23.32	0.215	2.00	Pass
5 MHz	LCH	QPSK	RB1#0	22.89	2.5	25.39	0.346	2.00	Pass
			RB6#0	21.73	2.5	24.23	0.265	2.00	Pass
		16-QAM	RB1#0	23.01	2.5	25.51	0.356	2.00	Pass
			RB5#0	20.52	2.5	23.02	0.200	2.00	Pass
	MCH	QPSK	RB1#0	22.95	2.5	25.45	0.351	2.00	Pass
			RB6#0	21.79	2.5	24.29	0.269	2.00	Pass
		16-QAM	RB1#0	23.07	2.5	25.57	0.361	2.00	Pass
			RB5#0	20.7	2.5	23.20	0.209	2.00	Pass
	HCH	QPSK	RB1#0	22.93	2.5	25.43	0.349	2.00	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	22	2.5	24.50	0.282	2.00	Pass
			RB1#0	23.04	2.5	25.54	0.358	2.00	Pass
			RB5#0	20.85	2.5	23.35	0.216	2.00	Pass
	LCH	QPSK	RB1#0	22.86	2.5	25.36	0.344	2.00	Pass
			RB6#0	21.75	2.5	24.25	0.266	2.00	Pass
		16-QAM	RB1#0	22.97	2.5	25.47	0.352	2.00	Pass
			RB5#0	21.72	2.5	24.22	0.264	2.00	Pass
	MCH	QPSK	RB1#0	22.95	2.5	25.45	0.351	2.00	Pass
			RB6#0	21.92	2.5	24.42	0.277	2.00	Pass
		16-QAM	RB1#0	23.09	2.5	25.59	0.362	2.00	Pass
			RB5#0	21.92	2.5	24.42	0.277	2.00	Pass
	HCH	QPSK	RB1#0	22.94	2.5	25.44	0.350	2.00	Pass
			RB6#0	21.94	2.5	24.44	0.278	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.82	2.5	25.32	0.340	2.00	Pass
			RB6#0	22.81	2.5	25.31	0.340	2.00	Pass
		16-QAM	RB1#0	22.95	2.5	25.45	0.351	2.00	Pass
			RB5#0	22.8	2.5	25.30	0.339	2.00	Pass
	MCH	QPSK	RB1#0	22.94	2.5	25.44	0.350	2.00	Pass
			RB6#0	22.96	2.5	25.46	0.352	2.00	Pass
		16-QAM	RB1#0	23.07	2.5	25.57	0.361	2.00	Pass
			RB5#0	22.93	2.5	25.43	0.349	2.00	Pass
	HCH	QPSK	RB1#0	23.03	2.5	25.53	0.357	2.00	Pass
			RB6#0	23.02	2.5	25.52	0.356	2.00	Pass
		16-QAM	RB1#0	23.14	2.5	25.64	0.366	2.00	Pass
			RB5#0	22.99	2.5	25.49	0.354	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	22.71	2.5	25.21	0.332	2.00	Pass
			RB6#0	22.77	2.5	25.27	0.337	2.00	Pass
		16-QAM	RB1#0	22.84	2.5	25.34	0.342	2.00	Pass
			RB5#0	22.78	2.5	25.28	0.337	2.00	Pass
	MCH	QPSK	RB1#0	22.94	2.5	25.44	0.350	2.00	Pass
			RB6#0	22.93	2.5	25.43	0.349	2.00	Pass
		16-QAM	RB1#0	23.06	2.5	25.56	0.360	2.00	Pass
			RB5#0	22.92	2.5	25.42	0.348	2.00	Pass
	HCH	QPSK	RB1#0	23.09	2.5	25.59	0.362	2.00	Pass
			RB6#0	23.01	2.5	25.51	0.356	2.00	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	23.17	2.5	25.67	0.369	2.00	Pass
			RB5#0	23.04	2.5	25.54	0.358	2.00	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									
5 MHz	LCH	QPSK	RB1#0	22.63	3.6	26.23	0.420	1.00	Pass
			RB6#0	21.65	3.6	25.25	0.335	1.00	Pass
		16-QAM	RB1#0	22.73	3.6	26.33	0.430	1.00	Pass
			RB5#0	20.51	3.6	24.11	0.258	1.00	Pass
	MCH	QPSK	RB1#0	22.72	3.6	26.32	0.429	1.00	Pass
			RB6#0	21.76	3.6	25.36	0.344	1.00	Pass
		16-QAM	RB1#0	22.82	3.6	26.42	0.439	1.00	Pass
			RB5#0	20.68	3.6	24.28	0.268	1.00	Pass
	HCH	QPSK	RB1#0	22.8	3.6	26.40	0.437	1.00	Pass
			RB6#0	21.85	3.6	25.45	0.351	1.00	Pass
		16-QAM	RB1#0	22.89	3.6	26.49	0.446	1.00	Pass
			RB5#0	20.73	3.6	24.33	0.271	1.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.62	3.6	26.22	0.419	1.00	Pass
			RB6#0	21.64	3.6	25.24	0.334	1.00	Pass
		16-QAM	RB1#0	22.73	3.6	26.33	0.430	1.00	Pass
			RB5#0	21.67	3.6	25.27	0.337	1.00	Pass
	MCH	QPSK	RB1#0	22.66	3.6	26.26	0.423	1.00	Pass
			RB6#0	21.77	3.6	25.37	0.344	1.00	Pass
		16-QAM	RB1#0	22.76	3.6	26.36	0.433	1.00	Pass
			RB5#0	21.78	3.6	25.38	0.345	1.00	Pass
	HCH	QPSK	RB1#0	23.12	3.6	26.72	0.470	1.00	Pass
			RB6#0	21.82	3.6	25.42	0.348	1.00	Pass
		16-QAM	RB1#0	23.19	3.6	26.79	0.478	1.00	Pass
			RB5#0	21.87	3.6	25.47	0.352	1.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.63	3.6	26.23	0.420	1.00	Pass
			RB6#0	22.66	3.6	26.26	0.423	1.00	Pass
		16-QAM	RB1#0	22.75	3.6	26.35	0.432	1.00	Pass
			RB5#0	22.66	3.6	26.26	0.423	1.00	Pass
	MCH	QPSK	RB1#0	22.6	3.6	26.20	0.417	1.00	Pass
			RB6#0	22.69	3.6	26.29	0.426	1.00	Pass
		16-QAM	RB1#0	22.73	3.6	26.33	0.430	1.00	Pass
			RB5#0	22.64	3.6	26.24	0.421	1.00	Pass
	HCH	QPSK	RB1#0	23.03	3.6	26.63	0.460	1.00	Pass
			RB6#0	22.98	3.6	26.58	0.455	1.00	Pass
		16-QAM	RB1#0	23.14	3.6	26.74	0.472	1.00	Pass
			RB5#0	23.02	3.6	26.62	0.459	1.00	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									
20 MHz	LCH	QPSK	RB1#0	22.64	3.6	26.24	0.421	1.00	Pass
			RB6#0	22.62	3.6	26.22	0.419	1.00	Pass
		16-QAM	RB1#0	22.75	3.6	26.35	0.432	1.00	Pass
			RB5#0	22.66	3.6	26.26	0.423	1.00	Pass
	MCH	QPSK	RB1#0	22.62	3.6	26.22	0.419	1.00	Pass
			RB6#0	22.65	3.6	26.25	0.422	1.00	Pass
		16-QAM	RB1#0	22.74	3.6	26.34	0.431	1.00	Pass
			RB5#0	22.62	3.6	26.22	0.419	1.00	Pass
	HCH	QPSK	RB1#0	22.98	3.6	26.58	0.455	1.00	Pass
			RB6#0	22.91	3.6	26.51	0.448	1.00	Pass
		16-QAM	RB1#0	23.04	3.6	26.64	0.461	1.00	Pass
			RB5#0	22.96	3.6	26.56	0.453	1.00	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										
5 MHz	LCH	QPSK	RB1#0	22.71	1.7	-0.45	22.26	0.168	7.00	Pass
			RB6#0	21.23	1.7	-0.45	20.78	0.120	7.00	Pass
		16-QAM	RB1#0	22.91	1.7	-0.45	22.46	0.176	7.00	Pass
			RB5#0	20.14	1.7	-0.45	19.69	0.093	7.00	Pass
	MCH	QPSK	RB1#0	22.89	1.7	-0.45	22.44	0.175	7.00	Pass
			RB6#0	21.3	1.7	-0.45	20.85	0.122	7.00	Pass
		16-QAM	RB1#0	23.09	1.7	-0.45	22.64	0.184	7.00	Pass
			RB5#0	20.2	1.7	-0.45	19.75	0.094	7.00	Pass
	HCH	QPSK	RB1#0	23.08	1.7	-0.45	22.63	0.183	7.00	Pass
			RB6#0	21.36	1.7	-0.45	20.91	0.123	7.00	Pass
		16-QAM	RB1#0	23.2	1.7	-0.45	22.75	0.188	7.00	Pass
			RB5#0	20.23	1.7	-0.45	19.78	0.095	7.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.71	1.7	-0.45	22.26	0.168	7.00	Pass
			RB6#0	21.33	1.7	-0.45	20.88	0.122	7.00	Pass
		16-QAM	RB1#0	22.9	1.7	-0.45	22.45	0.176	7.00	Pass
			RB5#0	21.42	1.7	-0.45	20.97	0.125	7.00	Pass
	MCH	QPSK	RB1#0	22.85	1.7	-0.45	22.40	0.174	7.00	Pass
			RB6#0	21.31	1.7	-0.45	20.86	0.122	7.00	Pass
		16-QAM	RB1#0	23.03	1.7	-0.45	22.58	0.181	7.00	Pass
			RB5#0	21.44	1.7	-0.45	20.99	0.126	7.00	Pass
	HCH	QPSK	RB1#0	23.02	1.7	-0.45	22.57	0.181	7.00	Pass
			RB6#0	21.41	1.7	-0.45	20.96	0.125	7.00	Pass
		16-QAM	RB1#0	23.17	1.7	-0.45	22.72	0.187	7.00	Pass
			RB5#0	21.45	1.7	-0.45	21.00	0.126	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										
5 MHz	LCH	QPSK	RB1#0	22.57	0.3	-1.85	20.72	0.118	3.00	Pass
			RB6#0	21.21	0.3	-1.85	19.36	0.086	3.00	Pass
		16-QAM	RB1#0	22.73	0.3	-1.85	20.88	0.122	3.00	Pass
			RB5#0	20.09	0.3	-1.85	18.24	0.067	3.00	Pass
	MCH	QPSK	RB1#0	22.62	0.3	-1.85	20.77	0.119	3.00	Pass
			RB6#0	21.37	0.3	-1.85	19.52	0.090	3.00	Pass
		16-QAM	RB1#0	22.78	0.3	-1.85	20.93	0.124	3.00	Pass
			RB5#0	20.25	0.3	-1.85	18.40	0.069	3.00	Pass
	HCH	QPSK	RB1#0	22.73	0.3	-1.85	20.88	0.122	3.00	Pass
			RB6#0	21.36	0.3	-1.85	19.51	0.089	3.00	Pass
		16-QAM	RB1#0	22.83	0.3	-1.85	20.98	0.125	3.00	Pass
			RB5#0	20.24	0.3	-1.85	18.39	0.069	3.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.48	0.3	-1.85	20.63	0.116	3.00	Pass
			RB6#0	21.36	0.3	-1.85	19.51	0.089	3.00	Pass
		16-QAM	RB1#0	22.71	0.3	-1.85	20.86	0.122	3.00	Pass
			RB5#0	21.48	0.3	-1.85	19.63	0.092	3.00	Pass
	MCH	QPSK	RB1#0	22.56	0.3	-1.85	20.71	0.118	3.00	Pass
			RB6#0	21.42	0.3	-1.85	19.57	0.091	3.00	Pass
		16-QAM	RB1#0	22.8	0.3	-1.85	20.95	0.124	3.00	Pass
			RB5#0	21.46	0.3	-1.85	19.61	0.091	3.00	Pass
	HCH	QPSK	RB1#0	22.72	0.3	-1.85	20.87	0.122	3.00	Pass
			RB6#0	21.5	0.3	-1.85	19.65	0.092	3.00	Pass
		16-QAM	RB1#0	22.86	0.3	-1.85	21.01	0.126	3.00	Pass
			RB5#0	21.4	0.3	-1.85	19.55	0.090	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	21.92	0.3	-1.85	20.07	0.102	3.00	Pass
			RB6#0	20.7	0.3	-1.85	18.85	0.077	3.00	Pass
		16QAM	RB1#0	22.12	0.3	-1.85	20.27	0.106	3.00	Pass
			RB5#0	19.67	0.3	-1.85	17.82	0.061	3.00	Pass
	MCH	QPSK	RB1#0	21.97	0.3	-1.85	20.12	0.103	3.00	Pass
			RB6#0	20.76	0.3	-1.85	18.91	0.078	3.00	Pass
		16-QAM	RB1#0	22.16	0.3	-1.85	20.31	0.107	3.00	Pass
			RB5#0	19.61	0.3	-1.85	17.76	0.060	3.00	Pass
	HCH	QPSK	RB1#0	22.12	0.3	-1.85	20.27	0.106	3.00	Pass
			RB6#0	20.79	0.3	-1.85	18.94	0.078	3.00	Pass
		16-QAM	RB1#0	22.27	0.3	-1.85	20.42	0.110	3.00	Pass
			RB5#0	19.7	0.3	-1.85	17.85	0.061	3.00	Pass
10 MHz	LCH	QPSK	RB1#0	21.93	0.3	-1.85	20.08	0.102	3.00	Pass
			RB6#0	20.72	0.3	-1.85	18.87	0.077	3.00	Pass
		16-QAM	RB1#0	22.12	0.3	-1.85	20.27	0.106	3.00	Pass
			RB5#0	20.83	0.3	-1.85	18.98	0.079	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									
5 MHz	LCH	QPSK	RB1#0	22.86	3.4	26.26	0.423	2.00	Pass
			RB6#0	21.62	3.4	25.02	0.318	2.00	Pass
		16-QAM	RB1#0	22.98	3.4	26.38	0.435	2.00	Pass
			RB5#0	20.55	3.4	23.95	0.248	2.00	Pass
	MCH	QPSK	RB1#0	22.94	3.4	26.34	0.431	2.00	Pass
			RB6#0	21.79	3.4	25.19	0.330	2.00	Pass
		16-QAM	RB1#0	23.05	3.4	26.45	0.442	2.00	Pass
			RB5#0	20.75	3.4	24.15	0.260	2.00	Pass
	HCH	QPSK	RB1#0	22.91	3.4	26.31	0.428	2.00	Pass
			RB6#0	21.8	3.4	25.20	0.331	2.00	Pass
		16-QAM	RB1#0	23.02	3.4	26.42	0.439	2.00	Pass
			RB5#0	20.74	3.4	24.14	0.259	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.84	3.4	26.24	0.421	2.00	Pass
			RB6#0	21.69	3.4	25.09	0.323	2.00	Pass
		16-QAM	RB1#0	22.96	3.4	26.36	0.433	2.00	Pass
			RB5#0	21.7	3.4	25.10	0.324	2.00	Pass
	MCH	QPSK	RB1#0	22.95	3.4	26.35	0.432	2.00	Pass
			RB6#0	21.89	3.4	25.29	0.338	2.00	Pass
		16-QAM	RB1#0	23.06	3.4	26.46	0.443	2.00	Pass
			RB5#0	21.9	3.4	25.30	0.339	2.00	Pass
	HCH	QPSK	RB1#0	22.93	3.4	26.33	0.430	2.00	Pass
			RB6#0	21.86	3.4	25.26	0.336	2.00	Pass
		16-QAM	RB1#0	23.04	3.4	26.44	0.441	2.00	Pass
			RB5#0	21.87	3.4	25.27	0.337	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.78	3.4	26.18	0.415	2.00	Pass
			RB6#0	22.8	3.4	26.20	0.417	2.00	Pass
		16-QAM	RB1#0	22.93	3.4	26.33	0.430	2.00	Pass
			RB5#0	22.78	3.4	26.18	0.415	2.00	Pass
	MCH	QPSK	RB1#0	22.93	3.4	26.33	0.430	2.00	Pass
			RB6#0	22.97	3.4	26.37	0.434	2.00	Pass
		16-QAM	RB1#0	23.05	3.4	26.45	0.442	2.00	Pass
			RB5#0	22.92	3.4	26.32	0.429	2.00	Pass
	HCH	QPSK	RB1#0	22.96	3.4	26.36	0.433	2.00	Pass
			RB6#0	22.99	3.4	26.39	0.436	2.00	Pass
		16-QAM	RB1#0	23.09	3.4	26.49	0.446	2.00	Pass
			RB5#0	22.93	3.4	26.33	0.430	2.00	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 25									
20 MHz	LCH	QPSK	RB1#0	22.74	3.4	26.14	0.411	2.00	Pass
			RB6#0	22.76	3.4	26.16	0.413	2.00	Pass
		16-QAM	RB1#0	22.87	3.4	26.27	0.424	2.00	Pass
			RB5#0	22.74	3.4	26.14	0.411	2.00	Pass
	MCH	QPSK	RB1#0	22.91	3.4	26.31	0.428	2.00	Pass
			RB6#0	22.95	3.4	26.35	0.432	2.00	Pass
		16-QAM	RB1#0	23.03	3.4	26.43	0.440	2.00	Pass
			RB5#0	22.91	3.4	26.31	0.428	2.00	Pass
	HCH	QPSK	RB1#0	22.98	3.4	26.38	0.435	2.00	Pass
			RB6#0	23.01	3.4	26.41	0.438	2.00	Pass
		16-QAM	RB1#0	23.09	3.4	26.49	0.446	2.00	Pass
			RB5#0	22.94	3.4	26.34	0.431	2.00	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)										
5 MHz	LCH	QPSK	RB1#0	22.71	1.7	-0.45	22.26	0.168	7.00	Pass
			RB6#0	21.2	1.7	-0.45	20.75	0.119	7.00	Pass
		16-QAM	RB1#0	22.9	1.7	-0.45	20.75	0.119	7.00	Pass
			RB5#0	20.15	1.7	-0.45	22.45	0.176	7.00	Pass
	MCH	QPSK	RB1#0	22.85	1.7	-0.45	19.70	0.093	7.00	Pass
			RB6#0	21.3	1.7	-0.45	22.40	0.174	7.00	Pass
		16-QAM	RB1#0	23.04	1.7	-0.45	20.85	0.122	7.00	Pass
			RB5#0	20.21	1.7	-0.45	22.59	0.182	7.00	Pass
	HCH	QPSK	RB1#0	23.04	1.7	-0.45	19.76	0.095	7.00	Pass
			RB6#0	21.44	1.7	-0.45	22.59	0.182	7.00	Pass
		16-QAM	RB1#0	23.16	1.7	-0.45	20.99	0.126	7.00	Pass
			RB5#0	20.31	1.7	-0.45	22.71	0.187	7.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.71	1.7	-0.45	19.86	0.097	7.00	Pass
			RB6#0	21.3	1.7	-0.45	22.26	0.168	7.00	Pass
		16-QAM	RB1#0	22.87	1.7	-0.45	20.85	0.122	7.00	Pass
			RB5#0	21.4	1.7	-0.45	22.42	0.175	7.00	Pass
	MCH	QPSK	RB1#0	22.81	1.7	-0.45	20.95	0.124	7.00	Pass
			RB6#0	21.26	1.7	-0.45	22.36	0.172	7.00	Pass
		16-QAM	RB1#0	22.98	1.7	-0.45	20.81	0.121	7.00	Pass
			RB5#0	21.34	1.7	-0.45	22.53	0.179	7.00	Pass
	HCH	QPSK	RB1#0	23	1.7	-0.45	20.89	0.123	7.00	Pass
			RB6#0	21.4	1.7	-0.45	22.55	0.180	7.00	Pass
		16-QAM	RB1#0	23.12	1.7	-0.45	20.95	0.124	7.00	Pass
			RB5#0	21.39	1.7	-0.45	22.67	0.185	7.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.65	1.7	-0.45	20.94	0.124	7.00	Pass
			RB6#0	22.66	1.7	-0.45	22.20	0.166	7.00	Pass
		16-QAM	RB1#0	22.83	1.7	-0.45	22.21	0.166	7.00	Pass
			RB5#0	22.71	1.7	-0.45	22.38	0.173	7.00	Pass
	MCH	QPSK	RB1#0	22.72	1.7	-0.45	22.26	0.168	7.00	Pass
			RB6#0	22.77	1.7	-0.45	22.27	0.169	7.00	Pass
		16-QAM	RB1#0	22.93	1.7	-0.45	22.32	0.171	7.00	Pass
			RB5#0	22.82	1.7	-0.45	22.48	0.177	7.00	Pass
	HCH	QPSK	RB1#0	22.89	1.7	-0.45	22.37	0.173	7.00	Pass
			RB6#0	22.82	1.7	-0.45	22.44	0.175	7.00	Pass
		16-QAM	RB1#0	23.03	1.7	-0.45	22.37	0.173	7.00	Pass
			RB5#0	22.9	1.7	-0.45	22.58	0.181	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)										
5 MHz	LCH	QPSK	RB1#0	22.53	1.7	-0.45	22.08	0.161	100.0	Pass
			RB6#0	21.31	1.7	-0.45	20.86	0.122	100.0	Pass
		16-QAM	RB1#0	22.72	1.7	-0.45	22.27	0.169	100.0	Pass
			RB5#0	20.22	1.7	-0.45	19.77	0.095	100.0	Pass
	MCH	QPSK	RB1#0	22.58	1.7	-0.45	22.13	0.163	100.0	Pass
			RB6#0	21.21	1.7	-0.45	20.76	0.119	100.0	Pass
		16-QAM	RB1#0	22.77	1.7	-0.45	22.32	0.171	100.0	Pass
			RB5#0	20.12	1.7	-0.45	19.67	0.093	100.0	Pass
	HCH	QPSK	RB1#0	22.68	1.7	-0.45	22.23	0.167	100.0	Pass
			RB6#0	21.32	1.7	-0.45	20.87	0.122	100.0	Pass
		16-QAM	RB1#0	22.82	1.7	-0.45	22.37	0.173	100.0	Pass
			RB5#0	20.16	1.7	-0.45	19.71	0.094	100.0	Pass
10 MHz	MCH	QPSK	RB1#0	22.51	1.7	-0.45	22.06	0.161	100.0	Pass
			RB6#0	21.18	1.7	-0.45	20.73	0.118	100.0	Pass
		16-QAM	RB1#0	22.72	1.7	-0.45	22.27	0.169	100.0	Pass
			RB5#0	21.24	1.7	-0.45	20.79	0.120	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									
5 MHz	LCH	QPSK	RB1#0	22.61	3.6	26.21	0.418	1.00	Pass
			RB6#0	21.66	3.6	25.26	0.336	1.00	Pass
		16-QAM	RB1#0	22.73	3.6	26.33	0.430	1.00	Pass
			RB5#0	20.52	3.6	24.12	0.258	1.00	Pass
	MCH	QPSK	RB1#0	22.98	3.6	26.58	0.455	1.00	Pass
			RB6#0	21.84	3.6	25.44	0.350	1.00	Pass
		16-QAM	RB1#0	23.08	3.6	26.68	0.466	1.00	Pass
			RB5#0	20.66	3.6	24.26	0.267	1.00	Pass
	HCH	QPSK	RB1#0	22.97	3.6	26.57	0.454	1.00	Pass
			RB6#0	21.93	3.6	25.53	0.357	1.00	Pass
		16-QAM	RB1#0	23.04	3.6	26.64	0.461	1.00	Pass
			RB5#0	20.79	3.6	24.39	0.275	1.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.63	3.6	26.23	0.420	1.00	Pass
			RB6#0	21.66	3.6	25.26	0.336	1.00	Pass
		16-QAM	RB1#0	22.74	3.6	26.34	0.431	1.00	Pass
			RB5#0	21.68	3.6	25.28	0.337	1.00	Pass
	MCH	QPSK	RB1#0	22.96	3.6	26.56	0.453	1.00	Pass
			RB6#0	21.73	3.6	25.33	0.341	1.00	Pass
		16-QAM	RB1#0	23.05	3.6	26.65	0.462	1.00	Pass
			RB5#0	21.71	3.6	25.31	0.340	1.00	Pass
	HCH	QPSK	RB1#0	22.98	3.6	26.58	0.455	1.00	Pass
			RB6#0	21.93	3.6	25.53	0.357	1.00	Pass
		16-QAM	RB1#0	23.05	3.6	26.65	0.462	1.00	Pass
			RB5#0	21.92	3.6	25.52	0.356	1.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.64	3.6	26.24	0.421	1.00	Pass
			RB6#0	22.71	3.6	26.31	0.428	1.00	Pass
		16-QAM	RB1#0	22.76	3.6	26.36	0.433	1.00	Pass
			RB5#0	22.65	3.6	26.25	0.422	1.00	Pass
	MCH	QPSK	RB1#0	22.92	3.6	26.52	0.449	1.00	Pass
			RB6#0	22.97	3.6	26.57	0.454	1.00	Pass
		16-QAM	RB1#0	23.04	3.6	26.64	0.461	1.00	Pass
			RB5#0	22.93	3.6	26.53	0.450	1.00	Pass
	HCH	QPSK	RB1#0	22.97	3.6	26.57	0.454	1.00	Pass
			RB6#0	22.92	3.6	26.52	0.449	1.00	Pass
		16-QAM	RB1#0	23.05	3.6	26.65	0.462	1.00	Pass
			RB5#0	22.96	3.6	26.56	0.453	1.00	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 66									
20 MHz	LCH	QPSK	RB1#0	22.63	3.6	26.23	0.420	1.00	Pass
			RB6#0	22.66	3.6	26.26	0.423	1.00	Pass
		16-QAM	RB1#0	22.73	3.6	26.33	0.430	1.00	Pass
			RB5#0	22.62	3.6	26.22	0.419	1.00	Pass
	MCH	QPSK	RB1#0	22.88	3.6	26.48	0.445	1.00	Pass
			RB6#0	22.91	3.6	26.51	0.448	1.00	Pass
		16-QAM	RB1#0	22.98	3.6	26.58	0.455	1.00	Pass
			RB5#0	22.86	3.6	26.46	0.443	1.00	Pass
	HCH	QPSK	RB1#0	22.92	3.6	26.52	0.449	1.00	Pass
			RB6#0	22.91	3.6	26.51	0.448	1.00	Pass
		16-QAM	RB1#0	23	3.6	26.60	0.457	1.00	Pass
			RB5#0	22.92	3.6	26.52	0.449	1.00	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 85										
5 MHz	LCH	QPSK	RB1#0	22.56	0.6	-1.55	21.01	0.126	3.00	Pass
			RB6#0	21.27	0.6	-1.55	19.72	0.094	3.00	Pass
		16-QAM	RB1#0	22.75	0.6	-1.55	21.20	0.132	3.00	Pass
			RB5#0	20.13	0.6	-1.55	18.58	0.072	3.00	Pass
	MCH	QPSK	RB1#0	22.63	0.6	-1.55	21.08	0.128	3.00	Pass
			RB6#0	21.45	0.6	-1.55	19.90	0.098	3.00	Pass
		16-QAM	RB1#0	22.79	0.6	-1.55	21.24	0.133	3.00	Pass
			RB5#0	20.27	0.6	-1.55	18.72	0.074	3.00	Pass
	HCH	QPSK	RB1#0	22.76	0.6	-1.55	21.21	0.132	3.00	Pass
			RB6#0	21.44	0.6	-1.55	19.89	0.097	3.00	Pass
		16-QAM	RB1#0	22.88	0.6	-1.55	21.33	0.136	3.00	Pass
			RB5#0	20.36	0.6	-1.55	18.81	0.076	3.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.59	0.6	-1.55	21.04	0.127	3.00	Pass
			RB6#0	21.31	0.6	-1.55	19.76	0.095	3.00	Pass
		16-QAM	RB1#0	22.78	0.6	-1.55	21.23	0.133	3.00	Pass
			RB5#0	21.36	0.6	-1.55	19.81	0.096	3.00	Pass
	MCH	QPSK	RB1#0	22.58	0.6	-1.55	21.03	0.127	3.00	Pass
			RB6#0	21.4	0.6	-1.55	19.85	0.097	3.00	Pass
		16-QAM	RB1#0	22.76	0.6	-1.55	21.21	0.132	3.00	Pass
			RB5#0	21.49	0.6	-1.55	19.94	0.099	3.00	Pass
	HCH	QPSK	RB1#0	22.7	0.6	-1.55	21.15	0.130	3.00	Pass
			RB6#0	21.41	0.6	-1.55	19.86	0.097	3.00	Pass
		16-QAM	RB1#0	22.89	0.6	-1.55	21.34	0.136	3.00	Pass
			RB5#0	21.42	0.6	-1.55	19.87	0.097	3.00	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	2.5	24.46	0.279	2.00	Pass
			1#47	22.13	2.5	24.63	0.290	2.00	Pass
		BPSK	1#0	21.95	2.5	24.45	0.279	2.00	Pass
			1#47	22.07	2.5	24.57	0.286	2.00	Pass
	MCH	QPSK	1#0	22.27	2.5	24.77	0.300	2.00	Pass
			1#47	21.96	2.5	24.46	0.279	2.00	Pass
		BPSK	1#0	22.47	2.5	24.97	0.314	2.00	Pass
			1#47	21.91	2.5	24.41	0.276	2.00	Pass
	HCH	QPSK	1#0	22.57	2.5	25.07	0.321	2.00	Pass
			1#47	21.63	2.5	24.13	0.259	2.00	Pass
		BPSK	1#0	22.77	2.5	25.27	0.337	2.00	Pass
			1#47	21.61	2.5	24.11	0.258	2.00	Pass
15	LCH	QPSK	1#0	22.14	2.5	24.64	0.291	2.00	Pass
			1#11	22.35	2.5	24.85	0.305	2.00	Pass
			12#0	22.52	2.5	25.02	0.318	2.00	Pass
		BPSK	1#0	22.25	2.5	24.75	0.299	2.00	Pass
			1#11	22.36	2.5	24.86	0.306	2.00	Pass
	MCH	QPSK	1#0	22.53	2.5	25.03	0.318	2.00	Pass
			1#11	22.12	2.5	24.62	0.290	2.00	Pass
			12#0	22.97	2.5	25.47	0.352	2.00	Pass
		BPSK	1#0	22.47	2.5	24.97	0.314	2.00	Pass
			1#11	22.18	2.5	24.68	0.294	2.00	Pass
	HCH	QPSK	1#0	22.16	2.5	24.66	0.292	2.00	Pass
			1#11	21.89	2.5	24.39	0.275	2.00	Pass
			12#0	22.4	2.5	24.90	0.309	2.00	Pass
		BPSK	1#0	22.18	2.5	24.68	0.294	2.00	Pass
			1#11	21.3	2.5	23.80	0.240	2.00	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 4									
3.75	LCH	QPSK	1#0	22.61	3.6	26.21	0.418	1.00	Pass
			1#47	22.82	3.6	26.42	0.439	1.00	Pass
		BPSK	1#0	22.51	3.6	26.11	0.408	1.00	Pass
			1#47	22.73	3.6	26.33	0.430	1.00	Pass
	MCH	QPSK	1#0	22.44	3.6	26.04	0.402	1.00	Pass
			1#47	22.91	3.6	26.51	0.448	1.00	Pass
		BPSK	1#0	22.48	3.6	26.08	0.406	1.00	Pass
			1#47	22.85	3.6	26.45	0.442	1.00	Pass
	HCH	QPSK	1#0	22.63	3.6	26.23	0.420	1.00	Pass
			1#47	22.98	3.6	26.58	0.455	1.00	Pass
		BPSK	1#0	22.59	3.6	26.19	0.416	1.00	Pass
			1#47	22.93	3.6	26.53	0.450	1.00	Pass
15	LCH	QPSK	1#0	22.81	3.6	26.41	0.438	1.00	Pass
			1#11	23.04	3.6	26.64	0.461	1.00	Pass
			12#0	23.03	3.6	26.63	0.460	1.00	Pass
		BPSK	1#0	22.72	3.6	26.32	0.429	1.00	Pass
			1#11	22.97	3.6	26.57	0.454	1.00	Pass
	MCH	QPSK	1#0	22.8	3.6	26.40	0.437	1.00	Pass
			1#11	23.17	3.6	26.77	0.475	1.00	Pass
			12#0	22.9	3.6	26.50	0.447	1.00	Pass
		BPSK	1#0	22.64	3.6	26.24	0.421	1.00	Pass
			1#11	22.99	3.6	26.59	0.456	1.00	Pass
	HCH	QPSK	1#0	22.86	3.6	26.46	0.443	1.00	Pass
			1#11	23.22	3.6	26.82	0.481	1.00	Pass
			12#0	23.04	3.6	26.64	0.461	1.00	Pass
		BPSK	1#0	22.79	3.6	26.39	0.436	1.00	Pass
			1#11	23.14	3.6	26.74	0.472	1.00	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 5										
3.75	LCH	QPSK	1#0	22.53	1.7	-0.45	22.08	0.161	7.00	Pass
			1#47	22.47	1.7	-0.45	22.02	0.159	7.00	Pass
		BPSK	1#0	22.43	1.7	-0.45	21.98	0.158	7.00	Pass
			1#47	22.43	1.7	-0.45	21.98	0.158	7.00	Pass
	MCH	QPSK	1#0	22.37	1.7	-0.45	21.92	0.156	7.00	Pass
			1#47	22.06	1.7	-0.45	21.61	0.145	7.00	Pass
		BPSK	1#0	22.49	1.7	-0.45	22.04	0.160	7.00	Pass
			1#47	22.95	1.7	-0.45	22.50	0.178	7.00	Pass
	HCH	QPSK	1#0	22.4	1.7	-0.45	21.95	0.157	7.00	Pass
			1#47	22.68	1.7	-0.45	22.23	0.167	7.00	Pass
		BPSK	1#0	22.33	1.7	-0.45	21.88	0.154	7.00	Pass
			1#47	22.62	1.7	-0.45	22.17	0.165	7.00	Pass
15	LCH	QPSK	1#0	22.69	1.7	-0.45	22.24	0.167	7.00	Pass
			1#11	22.64	1.7	-0.45	22.19	0.166	7.00	Pass
			12#0	21.89	1.7	-0.45	21.44	0.139	7.00	Pass
		BPSK	1#0	22.62	1.7	-0.45	22.17	0.165	7.00	Pass
			1#11	22.57	1.7	-0.45	22.12	0.163	7.00	Pass
	MCH	QPSK	1#0	22.68	1.7	-0.45	22.23	0.167	7.00	Pass
			1#11	22.25	1.7	-0.45	21.80	0.151	7.00	Pass
			12#0	21.82	1.7	-0.45	21.37	0.137	7.00	Pass
		BPSK	1#0	22.57	1.7	-0.45	22.12	0.163	7.00	Pass
			1#11	22.19	1.7	-0.45	21.74	0.149	7.00	Pass
	HCH	QPSK	1#0	22.52	1.7	-0.45	22.07	0.161	7.00	Pass
			1#11	22.8	1.7	-0.45	22.35	0.172	7.00	Pass
			12#0	21.64	1.7	-0.45	21.19	0.132	7.00	Pass
		BPSK	1#0	22.48	1.7	-0.45	22.03	0.160	7.00	Pass
			1#11	22.65	1.7	-0.45	22.20	0.166	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	0.3	-1.85	20.83	0.121	3.00	Pass
			1#47	20.66	0.3	-1.85	18.81	0.076	3.00	Pass
		BPSK	1#0	22.61	0.3	-1.85	20.76	0.119	3.00	Pass
			1#47	20.59	0.3	-1.85	18.74	0.075	3.00	Pass
	MCH	QPSK	1#0	22.74	0.3	-1.85	20.89	0.123	3.00	Pass
			1#47	21.09	0.3	-1.85	19.24	0.084	3.00	Pass
		BPSK	1#0	22.67	0.3	-1.85	20.82	0.121	3.00	Pass
			1#47	21.02	0.3	-1.85	19.17	0.083	3.00	Pass
	HCH	QPSK	1#0	22.75	0.3	-1.85	20.90	0.123	3.00	Pass
			1#47	21.47	0.3	-1.85	19.62	0.092	3.00	Pass
		BPSK	1#0	22.63	0.3	-1.85	20.78	0.120	3.00	Pass
			1#47	21.44	0.3	-1.85	19.59	0.091	3.00	Pass
15	LCH	QPSK	1#0	22.89	0.3	-1.85	21.04	0.127	3.00	Pass
			1#11	20.76	0.3	-1.85	18.91	0.078	3.00	Pass
			12#0	20.89	0.3	-1.85	19.04	0.080	3.00	Pass
		BPSK	1#0	22.85	0.3	-1.85	21.00	0.126	3.00	Pass
			1#11	20.71	0.3	-1.85	18.86	0.077	3.00	Pass
	MCH	QPSK	1#0	22.95	0.3	-1.85	21.10	0.129	3.00	Pass
			1#11	21.24	0.3	-1.85	19.39	0.087	3.00	Pass
			12#0	20.89	0.3	-1.85	19.04	0.080	3.00	Pass
		BPSK	1#0	22.86	0.3	-1.85	21.01	0.126	3.00	Pass
			1#11	21.15	0.3	-1.85	19.30	0.085	3.00	Pass
	HCH	QPSK	1#0	22.9	0.3	-1.85	21.05	0.127	3.00	Pass
			1#11	21.58	0.3	-1.85	19.73	0.094	3.00	Pass
			12#0	20.89	0.3	-1.85	19.04	0.080	3.00	Pass
		BPSK	1#0	22.86	0.3	-1.85	21.01	0.126	3.00	Pass
			1#11	21.52	0.3	-1.85	19.67	0.093	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	0.3	-1.85	20.22	0.105	3.00	Pass
			1#47	22.55	0.3	-1.85	20.70	0.117	3.00	Pass
		BPSK	1#0	22.06	0.3	-1.85	20.21	0.105	3.00	Pass
			1#47	22.47	0.3	-1.85	20.62	0.115	3.00	Pass
	MCH	QPSK	1#0	22.01	0.3	-1.85	20.16	0.104	3.00	Pass
			1#47	22.51	0.3	-1.85	20.66	0.116	3.00	Pass
		BPSK	1#0	21.96	0.3	-1.85	20.11	0.103	3.00	Pass
			1#47	22.46	0.3	-1.85	20.61	0.115	3.00	Pass
	HCH	QPSK	1#0	21.82	0.3	-1.85	19.97	0.099	3.00	Pass
			1#47	22.52	0.3	-1.85	20.67	0.117	3.00	Pass
		BPSK	1#0	21.88	0.3	-1.85	20.03	0.101	3.00	Pass
			1#47	22.44	0.3	-1.85	20.59	0.115	3.00	Pass
15	LCH	QPSK	1#0	22.25	0.3	-1.85	20.40	0.110	3.00	Pass
			1#11	22.63	0.3	-1.85	20.78	0.120	3.00	Pass
			12#0	21.35	0.3	-1.85	19.50	0.089	3.00	Pass
		BPSK	1#0	22.12	0.3	-1.85	20.27	0.106	3.00	Pass
			1#11	22.59	0.3	-1.85	20.74	0.119	3.00	Pass
	MCH	QPSK	1#0	22.2	0.3	-1.85	20.35	0.108	3.00	Pass
			1#11	22.6	0.3	-1.85	20.75	0.119	3.00	Pass
			12#0	21.19	0.3	-1.85	19.34	0.086	3.00	Pass
		BPSK	1#0	22.04	0.3	-1.85	20.19	0.104	3.00	Pass
			1#11	22.62	0.3	-1.85	20.77	0.119	3.00	Pass
	HCH	QPSK	1#0	22.03	0.3	-1.85	20.18	0.104	3.00	Pass
			1#11	22.69	0.3	-1.85	20.84	0.121	3.00	Pass
			12#0	21.13	0.3	-1.85	19.28	0.085	3.00	Pass
		BPSK	1#0	21.93	0.3	-1.85	20.08	0.102	3.00	Pass
			1#11	22.68	0.3	-1.85	20.83	0.121	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	0.6	-1.55	20.76	0.119	3.00	Pass
			1#47	20.51	0.6	-1.55	18.96	0.079	3.00	Pass
		BPSK	1#0	22.47	0.6	-1.55	20.92	0.124	3.00	Pass
			1#47	20.42	0.6	-1.55	18.87	0.077	3.00	Pass
	MCH	QPSK	1#0	22.26	0.6	-1.55	20.71	0.118	3.00	Pass
			1#47	20.72	0.6	-1.55	19.17	0.083	3.00	Pass
		BPSK	1#0	22.47	0.6	-1.55	20.92	0.124	3.00	Pass
			1#47	20.9	0.6	-1.55	19.35	0.086	3.00	Pass
	HCH	QPSK	1#0	22.38	0.6	-1.55	20.83	0.121	3.00	Pass
			1#47	21.16	0.6	-1.55	19.61	0.091	3.00	Pass
		BPSK	1#0	22.46	0.6	-1.55	20.91	0.123	3.00	Pass
			1#47	21.13	0.6	-1.55	19.58	0.091	3.00	Pass
15	LCH	QPSK	1#0	22.53	0.6	-1.55	20.98	0.125	3.00	Pass
			1#11	20.65	0.6	-1.55	19.10	0.081	3.00	Pass
			12#0	22.57	0.6	-1.55	21.02	0.126	3.00	Pass
		BPSK	1#0	22.38	0.6	-1.55	20.83	0.121	3.00	Pass
			1#11	20.64	0.6	-1.55	19.09	0.081	3.00	Pass
	MCH	QPSK	1#0	22.39	0.6	-1.55	20.84	0.121	3.00	Pass
			1#11	20.81	0.6	-1.55	19.26	0.084	3.00	Pass
			12#0	22.34	0.6	-1.55	20.79	0.120	3.00	Pass
		BPSK	1#0	22.26	0.6	-1.55	20.71	0.118	3.00	Pass
			1#11	20.79	0.6	-1.55	19.24	0.084	3.00	Pass
	HCH	QPSK	1#0	22.54	0.6	-1.55	20.99	0.126	3.00	Pass
			1#11	21.18	0.6	-1.55	19.63	0.092	3.00	Pass
			12#0	22.68	0.6	-1.55	21.13	0.130	3.00	Pass
		BPSK	1#0	22.55	0.6	-1.55	21.00	0.126	3.00	Pass
			1#11	21.25	0.6	-1.55	19.70	0.093	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	3.4	25.77	0.378	2.00	Pass
			1#47	22.49	3.4	25.89	0.388	2.00	Pass
		BPSK	1#0	22.41	3.4	25.81	0.381	2.00	Pass
			1#47	22.49	3.4	25.89	0.388	2.00	Pass
	MCH	QPSK	1#0	22.84	3.4	26.24	0.421	2.00	Pass
			1#47	22.14	3.4	25.54	0.358	2.00	Pass
		BPSK	1#0	23.04	3.4	26.44	0.441	2.00	Pass
			1#47	22.11	3.4	25.51	0.356	2.00	Pass
	HCH	QPSK	1#0	23.3	3.4	26.70	0.468	2.00	Pass
			1#47	21.33	3.4	24.73	0.297	2.00	Pass
		BPSK	1#0	23.25	3.4	26.65	0.462	2.00	Pass
			1#47	21.31	3.4	24.71	0.296	2.00	Pass
15	LCH	QPSK	1#0	22.51	3.4	25.91	0.390	2.00	Pass
			1#11	22.69	3.4	26.09	0.406	2.00	Pass
			12#0	22.77	3.4	26.17	0.414	2.00	Pass
		BPSK	1#0	22.56	3.4	25.96	0.394	2.00	Pass
			1#11	22.65	3.4	26.05	0.403	2.00	Pass
	MCH	QPSK	1#0	23	3.4	26.40	0.437	2.00	Pass
			1#11	21.92	3.4	25.32	0.340	2.00	Pass
			12#0	23.16	3.4	26.56	0.453	2.00	Pass
		BPSK	1#0	23.01	3.4	26.41	0.438	2.00	Pass
			1#11	22.09	3.4	25.49	0.354	2.00	Pass
	HCH	QPSK	1#0	23.33	3.4	26.73	0.471	2.00	Pass
			1#11	21.46	3.4	24.86	0.306	2.00	Pass
			12#0	23.37	3.4	26.77	0.475	2.00	Pass
		BPSK	1#0	23.42	3.4	26.82	0.481	2.00	Pass
			1#11	21.45	3.4	24.85	0.305	2.00	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 26(PART22)										
3.75	LCH	QPSK	1#0	22.29	1.7	-0.45	21.84	0.153	7.00	Pass
			1#47	22.47	1.7	-0.45	22.02	0.159	7.00	Pass
		BPSK	1#0	22.59	1.7	-0.45	22.14	0.164	7.00	Pass
			1#47	22.6	1.7	-0.45	22.15	0.164	7.00	Pass
	MCH	QPSK	1#0	22.96	1.7	-0.45	22.51	0.178	7.00	Pass
			1#47	22.07	1.7	-0.45	21.62	0.145	7.00	Pass
		BPSK	1#0	23.11	1.7	-0.45	22.66	0.185	7.00	Pass
			1#47	22.23	1.7	-0.45	21.78	0.151	7.00	Pass
	HCH	QPSK	1#0	23.27	1.7	-0.45	22.82	0.191	7.00	Pass
			1#47	21.52	1.7	-0.45	21.07	0.128	7.00	Pass
		BPSK	1#0	23.04	1.7	-0.45	22.59	0.182	7.00	Pass
			1#47	21.27	1.7	-0.45	20.82	0.121	7.00	Pass
15	LCH	QPSK	1#0	22.72	1.7	-0.45	22.27	0.169	7.00	Pass
			1#11	22.8	1.7	-0.45	22.35	0.172	7.00	Pass
			12#0	22.68	1.7	-0.45	22.23	0.167	7.00	Pass
		BPSK	1#0	22.4	1.7	-0.45	21.95	0.157	7.00	Pass
			1#11	22.53	1.7	-0.45	22.08	0.161	7.00	Pass
	MCH	QPSK	1#0	22.98	1.7	-0.45	22.53	0.179	7.00	Pass
			1#11	22.07	1.7	-0.45	21.62	0.145	7.00	Pass
			12#0	23.04	1.7	-0.45	22.59	0.182	7.00	Pass
		BPSK	1#0	22.96	1.7	-0.45	22.51	0.178	7.00	Pass
			1#11	22.31	1.7	-0.45	21.86	0.153	7.00	Pass
	HCH	QPSK	1#0	23.22	1.7	-0.45	22.77	0.189	7.00	Pass
			1#11	21.22	1.7	-0.45	20.77	0.119	7.00	Pass
			12#0	23.44	1.7	-0.45	22.99	0.199	7.00	Pass
		BPSK	1#0	23.36	1.7	-0.45	22.91	0.195	7.00	Pass
			1#11	21.7	1.7	-0.45	21.25	0.133	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
Nb-IOT BAND 26(PART90)										
3.75	LCH	QPSK	1#0	22.45	1.7	-0.45	22.00	0.158	100.0	Pass
			1#47	22.3	1.7	-0.45	21.85	0.153	100.0	Pass
		BPSK	1#0	22.39	1.7	-0.45	21.94	0.156	100.0	Pass
			1#47	22.45	1.7	-0.45	22.00	0.158	100.0	Pass
	MCH	QPSK	1#0	22.79	1.7	-0.45	22.34	0.171	100.0	Pass
			1#47	21.92	1.7	-0.45	21.47	0.140	100.0	Pass
		BPSK	1#0	22.95	1.7	-0.45	22.50	0.178	100.0	Pass
			1#47	21.86	1.7	-0.45	21.41	0.138	100.0	Pass
	HCH	QPSK	1#0	23.35	1.7	-0.45	22.90	0.195	100.0	Pass
			1#47	21.55	1.7	-0.45	21.10	0.129	100.0	Pass
		BPSK	1#0	23.2	1.7	-0.45	22.75	0.188	100.0	Pass
			1#47	21.33	1.7	-0.45	20.88	0.122	100.0	Pass
15	LCH	QPSK	1#0	22.44	1.7	-0.45	21.99	0.158	100.0	Pass
			1#11	22.83	1.7	-0.45	22.38	0.173	100.0	Pass
			12#0	22.55	1.7	-0.45	22.10	0.162	100.0	Pass
		BPSK	1#0	22.51	1.7	-0.45	22.06	0.161	100.0	Pass
			1#11	22.86	1.7	-0.45	22.41	0.174	100.0	Pass
	MCH	QPSK	1#0	22.91	1.7	-0.45	22.46	0.176	100.0	Pass
			1#11	22.02	1.7	-0.45	21.57	0.144	100.0	Pass
			12#0	23.36	1.7	-0.45	22.91	0.195	100.0	Pass
		BPSK	1#0	23.21	1.7	-0.45	22.76	0.189	100.0	Pass
			1#11	22.16	1.7	-0.45	21.71	0.148	100.0	Pass
	HCH	QPSK	1#0	23.55	1.7	-0.45	23.10	0.204	100.0	Pass
			1#11	21.38	1.7	-0.45	20.93	0.124	100.0	Pass
			12#0	23.32	1.7	-0.45	22.87	0.194	100.0	Pass
		BPSK	1#0	23.47	1.7	-0.45	23.02	0.200	100.0	Pass
			1#11	21.26	1.7	-0.45	20.81	0.121	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
Nb-IOT BAND 66									
3.75	LCH	QPSK	1#0	22	3.6	25.60	0.363	1.00	Pass
			1#47	22.2	3.6	25.80	0.380	1.00	Pass
		BPSK	1#0	22.22	3.6	25.82	0.382	1.00	Pass
			1#47	22.3	3.6	25.90	0.389	1.00	Pass
	MCH	QPSK	1#0	22.14	3.6	25.74	0.375	1.00	Pass
			1#47	22.24	3.6	25.84	0.384	1.00	Pass
		BPSK	1#0	21.95	3.6	25.55	0.359	1.00	Pass
			1#47	22.24	3.6	25.84	0.384	1.00	Pass
	HCH	QPSK	1#0	21.86	3.6	25.46	0.352	1.00	Pass
			1#47	22.3	3.6	25.90	0.389	1.00	Pass
		BPSK	1#0	21.82	3.6	25.42	0.348	1.00	Pass
			1#47	22.29	3.6	25.89	0.388	1.00	Pass
15	LCH	QPSK	1#0	22.11	3.6	25.71	0.372	1.00	Pass
			1#11	22.46	3.6	26.06	0.404	1.00	Pass
			12#0	22.43	3.6	26.03	0.401	1.00	Pass
		BPSK	1#0	22.1	3.6	25.70	0.372	1.00	Pass
			1#11	22.47	3.6	26.07	0.405	1.00	Pass
	MCH	QPSK	1#0	22.05	3.6	25.65	0.367	1.00	Pass
			1#11	22.51	3.6	26.11	0.408	1.00	Pass
			12#0	22.55	3.6	26.15	0.412	1.00	Pass
		BPSK	1#0	22.11	3.6	25.71	0.372	1.00	Pass
			1#11	22.47	3.6	26.07	0.405	1.00	Pass
	HCH	QPSK	1#0	22.1	3.6	25.70	0.372	1.00	Pass
			1#11	22.46	3.6	26.06	0.404	1.00	Pass
			12#0	22.12	3.6	25.72	0.373	1.00	Pass
		BPSK	1#0	22.04	3.6	25.64	0.366	1.00	Pass
			1#11	22.49	3.6	26.09	0.406	1.00	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 85										
3.75	LCH	QPSK	1#0	22.13	0.6	-1.55	20.58	0.114	3.00	Pass
			1#47	22.66	0.6	-1.55	21.11	0.129	3.00	Pass
		BPSK	1#0	22.46	0.6	-1.55	20.91	0.123	3.00	Pass
			1#47	22.73	0.6	-1.55	21.18	0.131	3.00	Pass
	MCH	QPSK	1#0	22.9	0.6	-1.55	21.35	0.136	3.00	Pass
			1#47	22.28	0.6	-1.55	20.73	0.118	3.00	Pass
		BPSK	1#0	23.19	0.6	-1.55	21.64	0.146	3.00	Pass
			1#47	21.98	0.6	-1.55	20.43	0.110	3.00	Pass
	HCH	QPSK	1#0	23.53	0.6	-1.55	21.98	0.158	3.00	Pass
			1#47	21.13	0.6	-1.55	19.58	0.091	3.00	Pass
		BPSK	1#0	23.15	0.6	-1.55	21.60	0.145	3.00	Pass
			1#47	21.35	0.6	-1.55	19.80	0.095	3.00	Pass
15	LCH	QPSK	1#0	22.45	0.6	-1.55	20.90	0.123	3.00	Pass
			1#11	22.94	0.6	-1.55	21.39	0.138	3.00	Pass
			12#0	22.96	0.6	-1.55	21.41	0.138	3.00	Pass
		BPSK	1#0	22.53	0.6	-1.55	20.98	0.125	3.00	Pass
			1#11	22.51	0.6	-1.55	20.96	0.125	3.00	Pass
	MCH	QPSK	1#0	22.89	0.6	-1.55	21.34	0.136	3.00	Pass
			1#11	21.84	0.6	-1.55	20.29	0.107	3.00	Pass
			12#0	22.91	0.6	-1.55	21.36	0.137	3.00	Pass
		BPSK	1#0	23.13	0.6	-1.55	21.58	0.144	3.00	Pass
			1#11	22.2	0.6	-1.55	20.65	0.116	3.00	Pass
	HCH	QPSK	1#0	23.24	0.6	-1.55	21.69	0.148	3.00	Pass
			1#11	21.54	0.6	-1.55	19.99	0.100	3.00	Pass
			12#0	23.55	0.6	-1.55	22.00	0.158	3.00	Pass
		BPSK	1#0	23.25	0.6	-1.55	21.70	0.148	3.00	Pass
			1#11	21.27	0.6	-1.55	19.72	0.094	3.00	Pass