

Conducted Power and EIRP/ERP Power

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			EIRP(dBm)		
				18602	18900	19198	18602	18900	19198
NB-IOT Band 2 Standalone	BPSK	3.75	1@0	23.03	23.11	23.12	20.36	20.44	20.45
			1@47	23.17	23.24	22.45	20.5	20.57	19.78
		15	1@0	21.08	20.88	21.51	18.41	18.21	18.84
			1@11	21.23	20.83	20.96	18.56	18.16	18.29
	QPSK	3.75	1@0	22.81	23.18	23.17	20.14	20.51	20.5
			1@47	22.97	23.17	23.07	20.3	20.5	20.4
		15	1@0	20.9	21.45	20.97	18.23	18.78	18.3
			1@11	21.42	20.74	21.6	18.75	18.07	18.93
		15	12@0	23.5	23.12	23.47	20.83	20.45	20.8
	EIRP Limit (dBm)		33.00	Result			Pass		

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			EIRP(dBm)		
				19952	20175	20398	19952	20175	20398
NB-IOT Band 4 Standalone	BPSK	3.75	1@0	23.51	22.85	22.33	17.31	16.65	16.13
			1@47	23.3	22.5	22.28	17.1	16.3	16.08
		15	1@0	21.08	21.49	21.64	14.88	15.29	15.44
			1@11	21.65	21.57	22.8	15.45	15.37	16.6
	QPSK	3.75	1@0	23.29	22.89	22.54	17.09	16.69	16.34
			1@47	23.31	22.57	22.67	17.11	16.37	16.47
		15	1@0	21.42	21.25	22.04	15.22	15.05	15.84
			1@11	21.63	21.51	22.38	15.43	15.31	16.18
		15	12@0	23.44	23.04	23.48	17.24	16.84	17.28
	EIRP Limit (dBm)		30.00	Result			Pass		

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			ERP(dBm)		
				20402	20525	20648	20402	20525	20648
NB-IOT Band 5 Standalone	BPSK	3.75	1@0	22.67	23.05	22.86	25.09	25.47	25.28
			1@47	22.91	22.58	22.34	25.33	25	24.76
		15	1@0	22.35	21.94	22.97	24.77	24.36	25.39
			1@11	22.68	21.67	22.31	25.1	24.09	24.73
	QPSK	3.75	1@0	22.57	22.66	22.74	24.99	25.08	25.16
			1@47	22.16	22.73	22.9	24.58	25.15	25.32
		15	1@0	22.89	21.42	21.49	25.31	23.84	23.91
			1@11	22.25	22.68	22.85	24.67	25.1	25.27
		15	12@0	23.01	23.17	22.97	25.43	25.59	25.39
	ERP Limit (dBm)		38.45	Result			Pass		

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			ERP(dBm)		
				23012	23095	23178	23012	23095	23178
NB-IOT Band 12 Standalone	BPSK	3.75	1@0	22.78	20.84	22.67	22.42	20.48	22.31
			1@47	22.67	21.56	22.03	22.31	21.2	21.67
		15	1@0	22.72	20.63	22.82	22.36	20.27	22.46
			1@11	22.29	21.5	22.67	21.93	21.14	22.31
	QPSK	3.75	1@0	22.52	21.55	22.88	22.16	21.19	22.52
			1@47	22.65	21.36	22.12	22.29	21	21.76
		15	1@0	22.52	20.97	20.52	22.16	20.61	20.16
			1@11	22.68	21.07	22.08	22.32	20.71	21.72
		15	12@0	23.37	23.41	23.07	23.01	23.05	22.71
	ERP Limit (dBm)		34.77	Result			Pass		

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			ERP(dBm)		
				23182	23230	23278	23182	23230	23278
NB-IOT Band 13 Standalone	BPSK	3.75	1@0	22.76	21.1	22.93	22.81	21.15	22.98
			1@47	22.98	21.46	22.71	23.03	21.51	22.76
		15	1@0	22.66	21.23	22.29	22.71	21.28	22.34
			1@11	22.63	21.44	22.59	22.68	21.49	22.64
	QPSK	3.75	1@0	22.76	22.51	22.91	22.81	22.56	22.96
			1@47	22.81	22.4	22.43	22.86	22.45	22.48
		15	1@0	22.89	23.22	22.89	22.94	23.27	22.94
			1@11	22.55	21.18	23.12	22.6	21.23	23.17
		15	12@0	23.08	21.49	23.1	23.13	21.54	23.15
ERP Limit (dBm)		34.77		Result			Pass		

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			EIRP(dBm)		
				26042	26365	26688	26042	26365	26688
NB-IOT Band 25 Standalone	BPSK	3.75	1@0	22.37	23.14	22.99	19.7	20.47	20.32
			1@47	23.01	23.35	23.36	20.34	20.68	20.69
		15	1@0	21.7	21.34	23.37	19.03	18.67	20.7
			1@11	21.47	21.06	23.47	18.8	18.39	20.8
	QPSK	3.75	1@0	23.02	23.25	23.1	20.35	20.58	20.43
			1@47	22.29	23.27	23.09	19.62	20.6	20.42
		15	1@0	21.43	20.85	23.22	18.76	18.18	20.55
			1@11	21.63	21.16	23.44	18.96	18.49	20.77
		15	12@0	23.55	23.4	23.73	20.88	20.73	21.06
		EIRP Limit (dBm)		33.00		Result			Pass

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			EIRP(dBm)		
				26792	26915	27038	26792	26915	27038
NB-IOT Band 26 (Part 22) Standalone	BPSK	3.75	1@0	22.68	22.3	22.22	26.47	26.09	26.01
			1@47	22.75	22.29	21.99	26.54	26.08	25.78
		15	1@0	23.87	22.05	21.31	27.66	25.84	25.1
			1@11	23.67	23.1	22.08	27.46	26.89	25.87
	QPSK	3.75	1@0	23.32	22.35	22.99	27.11	26.14	26.78
			1@47	23.43	22.84	22.97	27.22	26.63	26.76
		15	1@0	21.06	21.19	21.06	24.85	24.98	24.85
			1@11	20.86	21.96	20.8	24.65	25.75	24.59
		15	12@0	23.07	23.33	23.16	26.86	27.12	26.95
		EIRP Limit (dBm)		33.00		Result			Pass

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			EIRP(dBm)		
				26692	26740	26788	26692	26740	26788
NB-IOT Band 26 (Part 90) Standalone	BPSK	3.75	1@0	22.27	22.56	22.64	26.06	26.35	26.43
			1@47	22.85	22.38	22.97	26.64	26.17	26.76
		15	1@0	22.67	22.4	22.77	26.46	26.19	26.56
			1@11	22.85	21.65	22.53	26.64	25.44	26.32
	QPSK	3.75	1@0	22.75	22.96	22.88	26.54	26.75	26.67
			1@47	22.8	22.97	23.43	26.59	26.76	27.22
		15	1@0	20.69	20.64	20.57	24.48	24.43	24.36
			1@11	21.87	21.91	22.89	25.66	25.7	26.68
		15	12@0	22.97	23.19	23.24	26.76	26.98	27.03
		EIRP Limit (dBm)		33.00		Result			Pass

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			EIRP(dBm)		
				131974	132322	132670	131974	132322	132670
NB-IOT Band 66 Standalone	BPSK	3.75	1@0	23.36	23.01	22.32	17.16	16.81	16.12
			1@47	23.41	23.09	22.73	17.21	16.89	16.53
		15	1@0	21.18	21.08	23.2	14.98	14.88	17
			1@11	20.85	21.35	23.59	14.65	15.15	17.39
	QPSK	3.75	1@0	23.32	23.29	22.74	17.12	17.09	16.54
			1@47	23.54	23.31	22.47	17.34	17.11	16.27
		15	1@0	21.99	21.06	23.32	15.79	14.86	17.12
			1@11	21.31	21.26	23.07	15.11	15.06	16.87
		15	12@0	23.59	23.61	23.54	17.39	17.41	17.34
	EIRP Limit (dBm)		33.00	Result			Pass		

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			EIRP(dBm)		
				133124	133297	133470	133124	133297	133470
NB-IOT Band 71 Standalone	BPSK	3.75	1@0	21.16	21.85	21.34	20.8	21.49	20.98
			1@47	21.49	21.61	21.51	21.13	21.25	21.15
		15	1@0	21.64	21.45	21.49	21.28	21.09	21.13
			1@11	21.87	21.66	21.39	21.51	21.3	21.03
	QPSK	3.75	1@0	21.66	21.34	21.32	21.3	20.98	20.96
			1@47	21.82	21.74	21.44	21.46	21.38	21.08
		15	1@0	21.78	21.27	21.27	21.42	20.91	20.91
			1@11	21.73	21.08	21.34	21.37	20.72	20.98
		15	12@0	21.13	21.29	21.69	20.77	20.93	21.33
	EIRP Limit (dBm)		33.00	Result			Pass		

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			EIRP(dBm)		
				134004	134092	134180	134004	134092	134180
NB-IOT Band 85 Standalone	BPSK	3.75	1@0	22.96	21.45	22.8	23.01	21.5	22.85
			1@47	22.87	21.37	22.44	22.92	21.42	22.49
		15	1@0	22.22	20.93	22.74	22.27	20.98	22.79
			1@11	22.1	20.84	22.66	22.15	20.89	22.71
	QPSK	3.75	1@0	22.38	21.99	23.01	22.43	22.04	23.06
			1@47	22.57	21.52	22.85	22.62	21.57	22.9
		15	1@0	22.74	21.41	22.69	22.79	21.46	22.74
			1@11	22.22	21.19	22.61	22.27	21.24	22.66
		15	12@0	22.88	23.46	20.93	22.93	23.51	20.98
		EIRP Limit (dBm)		33.00		Result			Pass