

Conducted Power and EIRP/ERP Power

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			EIRP(dBm)		
				18602/1850.2 MHz	18900/1880.0 MHz	19198/1909.8 MHz	18602/1850.2 MHz	18900/1880.0 MHz	19198/1909.8 MHz
NB-IOT Band 2 Standalone	BPSK	3.75	1@0	22.76	22.77	22.72	24.33	24.34	24.29
			1@47	22.87	22.69	22.65	24.44	24.26	24.22
		15	1@0	22.87	22.85	22.74	24.44	24.42	24.31
			1@11	22.81	22.86	22.76	24.38	24.43	24.33
	QPSK	3.75	1@0	22.83	22.65	22.68	24.4	24.22	24.25
			1@47	22.84	22.68	22.61	24.41	24.25	24.18
		15	1@0	22.85	22.78	22.71	24.42	24.35	24.28
			1@11	22.76	22.81	22.70	24.33	24.38	24.27
		15	12@0	22.97	22.98	22.95	24.54	24.55	24.52
		EIRP Limit (dBm)		33.00		Result			Pass

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			EIRP(dBm)		
				19952/1710.2 MHz	20175/1732.5 MHz	20398/1754.8 MHz	19952/1710.2 MHz	20175/1732.5 MHz	20398/1754.8 MHz
NB-IOT Band 4 Standalone	BPSK	3.75	1@0	23.04	23.28	23.04	27.64	27.88	27.64
			1@47	23.00	23.24	23.07	27.60	27.84	27.67
		15	1@0	23.11	23.33	23.24	27.71	27.93	27.84
			1@11	23.07	23.35	23.19	27.67	27.95	27.79
	QPSK	3.75	1@0	22.99	23.21	23.09	27.59	27.81	27.69
			1@47	23.03	23.19	23.11	27.63	27.79	27.71
		15	1@0	23.07	23.35	23.18	27.67	27.95	27.78
			1@11	23.21	23.32	23.26	27.81	27.92	27.86
		15	12@0	23.36	23.45	23.46	27.96	28.05	28.06
		EIRP Limit (dBm)		30.00		Result			Pass

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			ERP(dBm)		
				20402/824.2 MHz	20525/836.5 MHz	20648/848.8 MHz	20402/824.2 MHz	20525/836.5 MHz	20648/848.8 MHz
NB-IOT Band 5 Standalone	BPSK	3.75	1@0	22.54	22.43	22.44	21.92	21.81	21.82
			1@47	22.57	22.37	22.39	21.95	21.75	21.77
		15	1@0	22.72	22.68	22.73	22.1	22.06	22.11
			1@11	22.73	22.72	22.72	22.11	22.1	22.1
	QPSK	3.75	1@0	22.47	22.37	22.50	21.85	21.75	21.88
			1@47	22.37	22.31	22.49	21.75	21.69	21.87
		15	1@0	22.72	22.69	22.70	22.1	22.07	22.08
			1@11	22.73	22.68	22.73	22.11	22.06	22.11
		15	12@0	22.70	22.71	22.69	22.08	22.09	22.07
		ERP Limit (dBm)		38.45		Result			Pass

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			ERP(dBm)		
				23012/699.2 MHz	23095/707.5 MHz	23178/715.8 MHz	23012/699.2 MHz	23095/707.5 MHz	23178/715.8 MHz
NB-IOT Band 12 Standalone	BPSK	3.75	1@0	23.16	23.14	23.08	25.42	25.4	25.34
			1@47	23.12	23.08	23.07	25.38	25.34	25.33
		15	1@0	23.37	23.23	23.19	25.63	25.49	25.45
			1@11	23.34	23.20	23.28	25.6	25.46	25.54
	QPSK	3.75	1@0	23.21	23.05	23.06	25.47	25.31	25.32
			1@47	23.19	23.01	23.05	25.45	25.27	25.31
		15	1@0	23.36	23.25	23.21	25.62	25.51	25.47
			1@11	23.34	23.27	23.27	25.6	25.53	25.53
		15	12@0	23.56	23.45	23.44	25.82	25.71	25.7
		ERP Limit (dBm)		34.77		Result			Pass

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			ERP(dBm)		
				23182/777.2 MHz	23230/782 MHz	23278/786.8 MHz	23182/777.2 MHz	23230/782 MHz	23278/786.8 MHz
NB-IOT Band 13 Standalone	BPSK	3.75	1@0	22.81	22.83	22.88	24.62	24.64	24.69
			1@47	22.67	22.79	22.83	24.48	24.6	24.64
		15	1@0	23.07	23.12	23.11	24.88	24.93	24.92
			1@11	23.04	23.11	23.09	24.85	24.92	24.9
	QPSK	3.75	1@0	22.78	22.80	22.84	24.59	24.61	24.65
			1@47	22.79	22.78	22.80	24.6	24.59	24.61
		15	1@0	23.06	23.08	23.08	24.87	24.89	24.89
			1@11	23.09	23.07	23.11	24.9	24.88	24.92
		15	12@0	23.13	23.12	23.13	24.94	24.93	24.94
			ERP Limit (dBm)		34.77	Result			Pass

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			EIRP(dBm)		
				26042/1850.2 MHz	26365/1882.5 MHz	26688/1914.8 MHz	26042/1850.2 MHz	26365/1882.5 MHz	26688/1914.8 MHz
NB-IOT Band 25 Standalone	BPSK	3.75	1@0	23.02	23.14	23.31	24.59	24.71	24.88
			1@47	22.94	23.05	23.35	24.51	24.62	24.92
		15	1@0	23.19	23.36	23.24	24.76	24.93	24.81
			1@11	23.17	23.30	23.23	24.74	24.87	24.8
	QPSK	3.75	1@0	22.93	23.12	23.37	24.5	24.69	24.94
			1@47	22.87	23.09	23.27	24.44	24.66	24.84
		15	1@0	23.08	23.29	23.16	24.65	24.86	24.73
			1@11	23.16	23.34	23.20	24.73	24.91	24.77
		15	12@0	23.34	23.57	23.41	24.91	25.14	24.98
			EIRP Limit (dBm)		33.00	Result			Pass

Power Spot Check

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			EIRP(dBm)		
				26042/1850.2 MHz	26365/1882.5 MHz	26688/1914.8 MHz	26042/1850.2 MHz	26365/1882.5 MHz	26688/1914.8 MHz
NB-IOT Band 2 Standalone	BPSK	15	1@0	22.46	22.76	22.64	24.03	24.33	24.21
	QPSK	15	12@0	22.88	22.81	22.52	24.45	24.38	24.09
EIRP Limit (dBm)		33.00		Result			Pass		

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			EIRP(dBm)		
				26042/1850.2 MHz	26365/1882.5 MHz	26688/1914.8 MHz	26042/1850.2 MHz	26365/1882.5 MHz	26688/1914.8 MHz
NB-IOT Band 4 Standalone	BPSK	15	1@11	22.98	23.21	23.14	27.58	27.81	27.74
	QPSK	15	12@0	23.36	23.42	23.04	27.96	28.02	27.64
EIRP Limit (dBm)		30.00		Result			Pass		

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			EIRP(dBm)		
				26042/1850.2 MHz	26365/1882.5 MHz	26688/1914.8 MHz	26042/1850.2 MHz	26365/1882.5 MHz	26688/1914.8 MHz
NB-IOT Band 5 Standalone	BPSK	15	1@11	22.70	22.48	22.39	22.08	21.86	21.77
	QPSK	15	1@11	22.39	22.57	22.23	21.77	21.95	21.61
EIRP Limit (dBm)		38.45		Result			Pass		

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			EIRP(dBm)		
				26042/1850.2 MHz	26365/1882.5 MHz	26688/1914.8 MHz	26042/1850.2 MHz	26365/1882.5 MHz	26688/1914.8 MHz
NB-IOT Band 12 Standalone	BPSK	15	1@0	23.05	22.91	22.84	25.31	25.17	25.1
	QPSK	15	12@0	23.04	23.44	23.38	25.3	25.7	25.64
EIRP Limit (dBm)		34.77		Result			Pass		

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			EIRP(dBm)		
				26042/1850.2 MHz	26365/1882.5 MHz	26688/1914.8 MHz	26042/1850.2 MHz	26365/1882.5 MHz	26688/1914.8 MHz
NB-IOT Band 13 Standalone	BPSK	15	1@0	22.89	22.96	22.67	24.7	24.77	24.48
	QPSK	15	12@0	22.84	22.68	22.99	24.65	24.49	24.8
EIRP Limit (dBm)		34.77		Result			Pass		

Mode	Modulation	Sub-carrier spacing (kHz)	Ntones	Conducted Power (dBm) for low/mid/high channel			EIRP(dBm)		
				26042/1850.2 MHz	26365/1882.5 MHz	26688/1914.8 MHz	26042/1850.2 MHz	26365/1882.5 MHz	26688/1914.8 MHz
NB-IOT Band 25 Standalone	BPSK	15	1@0	23.13	23.16	22.81	24.7	24.73	24.38
	QPSK	15	12@0	23.04	23.17	22.94	24.61	24.74	24.51
EIRP Limit (dBm)		33.00		Result			Pass		