

NB-IoT Band 12 5M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23035	CH 23095	CH 23155
			701.5 MHz	707.5 MHz	713.5 MHz
3.75k BPSK	1	0	23.1	22.93	23.07
	1	47	23.07	23	23.06
3.75k QPSK	1	0	23.04	22.88	23.03
	1	47	23.06	22.76	23.07
15k BPSK	1	0	23.56	23.47	23.55
	1	11	23.51	23.57	23.45
15k QPSK	1	0	23.51	23.39	23.59
	1	11	23.35	23.48	23.48
	6	0	22.94	23.01	22.98
	6	6	23.06	23.06	23.05
	12	0	22.28	22.35	22.1

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	22.93	23.1	22.41	22.58	44.77
3.75k QPSK	22.76	23.07	22.24	22.55	44.77
15k BPSK	23.45	23.57	22.93	23.05	44.77
15k QPSK	22.1	23.59	21.58	23.07	44.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

NB-IoT Band 12 10M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23060	CH 23095	CH 23130
			704 MHz	707.5 MHz	711 MHz
3.75k BPSK	1	0	23.05	22.98	23.04
	1	47	23.05	22.94	23.07
3.75k QPSK	1	0	22.98	22.9	22.97
	1	47	23.08	22.8	23.02
15k BPSK	1	0	23.6	23.54	23.47
	1	11	23.48	23.51	23.52
15k QPSK	1	0	23.45	23.51	23.6
	1	11	23.44	23.44	23.54
	6	0	22.94	22.96	22.95
	6	6	23.04	23.1	23.14
	12	0	22.36	22.39	22.14

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	22.94	23.07	22.42	22.55	44.77
3.75k QPSK	22.8	23.08	22.28	22.56	44.77
15k BPSK	23.47	23.6	22.95	23.08	44.77
15k QPSK	22.14	23.6	21.62	23.08	44.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

Guard-Band

NB-IoT Band 12 3M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23025	CH 23095	CH 23165
			700.5 MHz	707.5 MHz	714.5 MHz
3.75k BPSK	1	0	23.06	23.04	23.1
	1	47	23.09	22.95	23.07
3.75k QPSK	1	0	22.98	22.93	23.04
	1	47	23.16	22.8	23.04
15k BPSK	1	0	23.62	23.39	23.51
	1	11	23.57	23.52	23.57
15k QPSK	1	0	23.54	23.38	23.62
	1	11	23.31	23.43	23.51
	6	0	22.88	22.86	23.02
	6	6	23.04	22.99	23.04
	12	0	22.31	22.41	22.18

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	22.95	23.1	22.43	22.58	44.77
3.75k QPSK	22.8	23.16	22.28	22.64	44.77
15k BPSK	23.39	23.62	22.87	23.1	44.77
15k QPSK	22.18	23.62	21.66	23.1	44.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

NB-IoT Band 12 5M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23035	CH 23095	CH 23155
			701.5 MHz	707.5 MHz	713.5 MHz
3.75k BPSK	1	0	23.06	23.04	23.06
	1	47	23.02	22.97	23.01
3.75k QPSK	1	0	23.07	22.86	23.05
	1	47	23.07	22.89	22.94
15k BPSK	1	0	23.52	23.47	23.55
	1	11	23.6	23.46	23.55
15k QPSK	1	0	23.6	23.37	23.63
	1	11	23.44	23.39	23.54
	6	0	22.88	22.89	23.01
	6	6	23.09	23.02	23.07
	12	0	22.29	22.35	22.16

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	22.97	23.06	22.45	22.54	44.77
3.75k QPSK	22.86	23.07	22.34	22.55	44.77
15k BPSK	23.46	23.6	22.94	23.08	44.77
15k QPSK	22.16	23.63	21.64	23.11	44.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

NB-IoT Band 12 10M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23060	CH 23095	CH 23130
			704 MHz	707.5 MHz	711 MHz
3.75k BPSK	1	0	23.08	22.91	23.09
	1	47	23.01	22.97	23.03
3.75k QPSK	1	0	23.02	22.85	23.07
	1	47	23.08	22.76	23.07
15k BPSK	1	0	23.58	23.39	23.6
	1	11	23.46	23.57	23.46
15k QPSK	1	0	23.51	23.51	23.57
	1	11	23.32	23.35	23.53
	6	0	22.98	22.96	23.02
	6	6	23.04	23.01	23.04
	12	0	22.4	22.45	22.15

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	22.91	23.09	22.39	22.57	44.77
3.75k QPSK	22.76	23.08	22.24	22.56	44.77
15k BPSK	23.39	23.6	22.87	23.08	44.77
15k QPSK	22.15	23.57	21.63	23.05	44.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

7.1.6 NB-IoT Band 13

Stand-alone

NB-IoT Band 13					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23182	CH 23230	CH 23278
			777.2 MHz	782 MHz	786.8 MHz
3.75k BPSK	1	0	23.16	23.1	23.14
	1	47	23.19	23.12	23.16
3.75k QPSK	1	0	23.05	23.15	23.13
	1	47	23.23	23.07	23.2
15k BPSK	1	0	23.63	23.6	23.57
	1	11	23.55	23.66	23.58
15k QPSK	1	0	23.56	23.59	23.61
	1	11	23.55	23.46	23.62
	6	0	23	23.08	23.03
	6	6	23.21	23.13	23.17
	12	0	22.46	22.3	22.49

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	23.1	23.19	22.58	22.67	44.77
3.75k QPSK	23.05	23.23	22.53	22.71	44.77
15k BPSK	23.55	23.66	23.03	23.14	44.77
15k QPSK	22.3	23.62	21.78	23.10	44.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

In-Band

NB-IoT Band 13 5M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23205	CH 23230	CH 23255
			779.5 MHz	782 MHz	784.5 MHz
3.75k BPSK	1	0	22.99	23.01	23.06
	1	47	23.02	23.04	23.03
3.75k QPSK	1	0	22.94	23	23.04
	1	47	23.13	22.94	23.13
15k BPSK	1	0	23.46	23.5	23.37
	1	11	23.48	23.52	23.49
15k QPSK	1	0	23.51	23.44	23.44
	1	11	23.49	23.32	23.57
	6	0	22.86	22.97	22.87
	6	6	23.07	22.97	22.98
	12	0	22.33	22.21	22.34

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	22.99	23.06	22.47	22.54	44.77
3.75k QPSK	22.94	23.13	22.42	22.61	44.77
15k BPSK	23.37	23.52	22.85	23	44.77
15k QPSK	22.21	23.57	21.69	23.05	44.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

NB-IoT Band 13 10M			
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 23230
			782 MHz
3.75k BPSK	1	0	23.04
	1	47	22.92
3.75k QPSK	1	0	23.07
	1	47	22.87
15k BPSK	1	0	23.53
	1	11	23.52
15k QPSK	1	0	23.53
	1	11	23.36
	6	0	22.99
	6	6	22.97
	12	0	22.24

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	22.92	23.04	22.4	22.52	44.77
3.75k QPSK	22.87	23.07	22.35	22.55	44.77
15k BPSK	23.52	23.53	23	23.01	44.77
15k QPSK	22.24	23.53	21.72	23.01	44.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

Guard-Band

NB-IoT Band 13 5M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23205	CH 23230	CH 23255
			779.5 MHz	782 MHz	784.5 MHz
3.75k BPSK	1	0	23.11	22.95	22.95
	1	47	23.01	23.03	23.01
3.75k QPSK	1	0	22.94	22.95	23.04
	1	47	23.13	22.93	23.12
15k BPSK	1	0	23.58	23.51	23.42
	1	11	23.43	23.56	23.44
15k QPSK	1	0	23.38	23.53	23.53
	1	11	23.41	23.27	23.49
	6	0	22.93	22.94	22.93
	6	6	23.03	22.93	23.01
	12	0	22.31	22.2	22.3

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	22.95	23.11	22.43	22.59	44.77
3.75k QPSK	22.93	23.13	22.41	22.61	44.77
15k BPSK	23.42	23.58	22.9	23.06	44.77
15k QPSK	22.2	23.53	21.68	23.01	44.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

NB-IoT Band 13 10M			
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 23230
			782 MHz
3.75k BPSK	1	0	23.01
	1	47	23.07
3.75k QPSK	1	0	22.99
	1	47	22.98
15k BPSK	1	0	23.53
	1	11	23.59
15k QPSK	1	0	23.47
	1	11	23.39
	6	0	22.9
	6	6	23.01
	12	0	22.17

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	23.01	23.07	22.49	22.55	44.77
3.75k QPSK	22.98	22.99	22.46	22.47	44.77
15k BPSK	23.53	23.59	23.01	23.07	44.77
15k QPSK	22.17	23.47	21.65	22.95	44.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)
ERP (dBm) = EIRP (dBm) - 2.15

7.1.7 NB-IoT Band 14

Stand-alone

NB-IoT Band 14					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23282	CH 23300	CH 23378
			788.2 MHz	793 MHz	797.8 MHz
3.75k BPSK	1	0	23.16	23.08	23.16
	1	47	23.14	23.07	23.11
3.75k QPSK	1	0	23.02	23.03	23.17
	1	47	23.16	23.01	23.08
15k BPSK	1	0	23.6	23.65	23.8
	1	11	23.58	23.63	23.7
15k QPSK	1	0	23.63	23.63	23.73
	1	11	23.63	23.66	23.65
	6	0	23.11	23.02	23.18
	6	6	23.16	23.23	23.24
	12	0	22.35	22.5	22.56

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	23.07	23.16	22.55	22.64	34.77
3.75k QPSK	23.01	23.17	22.49	22.65	34.77
15k BPSK	23.58	23.8	23.06	23.28	34.77
15k QPSK	22.35	23.73	21.83	23.21	34.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)
ERP (dBm) = EIRP (dBm) - 2.15

In-Band

NB-IoT Band 14 5M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23305	CH 23300	CH 23355
			790.5 MHz	793MHz	795.5 MHz
3.75k BPSK	1	0	23.08	22.9	22.97
	1	47	23.03	22.94	22.95
3.75k QPSK	1	0	22.83	22.83	23.05
	1	47	23.1	22.91	22.91
15k BPSK	1	0	23.47	23.46	23.68
	1	11	23.44	23.5	23.65
15k QPSK	1	0	23.49	23.52	23.59
	1	11	23.56	23.52	23.56
	6	0	22.96	22.97	23.03
	6	6	23.06	23.04	23.07
	12	0	22.21	22.31	22.46

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	22.9	23.08	22.38	22.56	34.77
3.75k QPSK	22.83	23.1	22.31	22.58	34.77
15k BPSK	23.44	23.68	22.92	23.16	34.77
15k QPSK	22.21	23.59	21.69	23.07	34.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

NB-IoT Band 14 10M			
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 23300
			793MHz
3.75k BPSK	1	0	22.95
	1	47	22.92
3.75k QPSK	1	0	22.9
	1	47	22.92
15k BPSK	1	0	23.51
	1	11	23.54
15k QPSK	1	0	23.52
	1	11	23.51
	6	0	22.95
	6	6	23.17
	12	0	22.35

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	22.92	22.95	22.4	22.43	34.77
3.75k QPSK	22.9	22.92	22.38	22.4	34.77
15k BPSK	23.51	23.54	22.99	23.02	34.77
15k QPSK	22.35	23.52	21.83	23	34.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)
ERP (dBm) = EIRP (dBm) - 2.15

Guard-Band

NB-IoT Band 14 5M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23305	CH 23300	CH 23355
			790.5 MHz	793MHz	795.5 MHz
3.75k BPSK	1	0	22.99	22.97	23.04
	1	47	23.01	22.87	22.91
3.75k QPSK	1	0	22.94	22.92	23.1
	1	47	23.1	22.96	23.01
15k BPSK	1	0	23.43	23.57	23.68
	1	11	23.47	23.55	23.58
15k QPSK	1	0	23.53	23.54	23.54
	1	11	23.45	23.47	23.45
	6	0	22.97	22.86	23.02
	6	6	22.97	23.12	23.19
	12	0	22.3	22.36	22.39

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	22.87	23.04	22.35	22.52	34.77
3.75k QPSK	22.92	23.1	22.4	22.58	34.77
15k BPSK	23.43	23.68	22.91	23.16	34.77
15k QPSK	22.3	23.54	21.78	23.02	34.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

NB-IoT Band 14 10M			
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 23300
			793MHz
3.75k BPSK	1	0	22.92
	1	47	23.02
3.75k QPSK	1	0	22.88
	1	47	22.92
15k BPSK	1	0	23.5
	1	11	23.46
15k QPSK	1	0	23.44
	1	11	23.6
	6	0	22.93
	6	6	23.03
	12	0	22.35

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	22.92	23.02	22.4	22.5	44.77
3.75k QPSK	22.88	22.92	22.36	22.4	44.77
15k BPSK	23.46	23.5	22.94	22.98	44.77
15k QPSK	22.35	23.6	21.83	23.08	44.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

7.1.8 NB-IoT Band 17

Stand-alone

NB-IoT Band 17					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23732	CH 23790	CH 23848
			704.2 MHz	710 MHz	715.8 MHz
3.75k BPSK	1	0	22.65	23.22	23.2
	1	47	22.72	23.25	23.23
3.75k QPSK	1	0	22.71	23.23	23.17
	1	47	22.73	23.26	23.19
15k BPSK	1	0	23.07	23.25	23.15
	1	11	23.18	23.27	23.19
15k QPSK	1	0	23.25	23.25	23.21
	1	11	23.14	23.17	23.16
	6	0	22.47	22.49	22.5
	6	6	22.4	22.42	22.56
	12	0	21.54	21.57	21.77

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	22.65	23.25	22.13	22.73	34.77
3.75k QPSK	22.71	23.26	22.19	22.74	34.77
15k BPSK	23.07	23.27	22.55	22.75	34.77
15k QPSK	21.54	23.25	21.02	22.73	34.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)
ERP (dBm) = EIRP (dBm) - 2.15

In-Band

NB-IoT Band 17 5M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23755	CH 23790	CH 23825
			706.5 MHz	710 MHz	713.5 MHz
3.75k BPSK	1	0	22.59	23.03	23.01
	1	47	22.58	23.08	23.04
3.75k QPSK	1	0	22.52	23.12	23.01
	1	47	22.64	23.15	23.1
15k BPSK	1	0	22.87	23.17	23.01
	1	11	23.1	23.17	23.07
15k QPSK	1	0	23.13	23.1	23.09
	1	11	23.03	23.02	23.08
	6	0	22.35	22.4	22.34
	6	6	22.25	22.25	22.4
	12	0	21.49	21.41	21.64

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	22.58	23.08	22.06	22.56	34.77
3.75k QPSK	22.52	23.15	22	22.63	34.77
15k BPSK	22.87	23.17	22.35	22.65	34.77
15k QPSK	21.41	23.13	20.89	22.61	34.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

NB-IoT Band 17 10M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23780	CH 23790	CH 23800
			709 MHz	710 MHz	711 MHz
3.75k BPSK	1	0	22.56	23.16	23.06
	1	47	22.64	23.06	23.13
3.75k QPSK	1	0	22.51	23.16	22.97
	1	47	22.56	23.11	23.04
15k BPSK	1	0	22.99	23.08	22.95
	1	11	23.13	23.2	22.99
15k QPSK	1	0	23.17	23.1	23.15
	1	11	23	23.11	22.98
	6	0	22.29	22.36	22.36
	6	6	22.35	22.32	22.46
	12	0	21.49	21.39	21.68

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	22.56	23.16	22.04	22.64	34.77
3.75k QPSK	22.51	23.16	21.99	22.64	34.77
15k BPSK	22.95	23.2	22.43	22.68	34.77
15k QPSK	21.39	23.17	20.87	22.65	34.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)
ERP (dBm) = EIRP (dBm) - 2.15

Guard-Band

NB-IoT Band 17 5M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23755	CH 23790	CH 23825
			706.5 MHz	710 MHz	713.5 MHz
3.75k BPSK	1	0	22.52	23.04	23.12
	1	47	22.57	23.13	23.13
3.75k QPSK	1	0	22.59	23.1	23.01
	1	47	22.66	23.12	23.03
15k BPSK	1	0	22.93	23.15	23.09
	1	11	23.12	23.14	23.01
15k QPSK	1	0	23.05	23.14	23.06
	1	11	22.99	23.05	23.06
	6	0	22.42	22.3	22.42
	6	6	22.24	22.34	22.41
	12	0	21.47	21.39	21.66

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	22.52	23.13	22	22.61	34.77
3.75k QPSK	22.59	23.12	22.07	22.6	34.77
15k BPSK	22.93	23.15	22.41	22.63	34.77
15k QPSK	21.39	23.14	20.87	22.62	34.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

NB-IoT Band 17 10M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23780	CH 23790	CH 23800
			709 MHz	710 MHz	711 MHz
3.75k BPSK	1	0	22.45	23.09	23.02
	1	47	22.66	23.07	23.16
3.75k QPSK	1	0	22.64	23.05	23.06
	1	47	22.53	23.16	23.13
15k BPSK	1	0	22.98	23.07	23.08
	1	11	23.02	23.11	23.01
15k QPSK	1	0	23.2	23.07	23.15
	1	11	23.09	22.98	22.97
	6	0	22.37	22.4	22.3
	6	6	22.32	22.26	22.43
	12	0	21.47	21.38	21.65

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	22.45	23.16	21.93	22.64	34.77
3.75k QPSK	22.53	23.16	22.01	22.64	34.77
15k BPSK	22.98	23.11	22.46	22.59	34.77
15k QPSK	21.38	23.2	20.86	22.68	34.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

7.1.9 NB-IoT Band 25

Stand-alone

NB-IoT Band 25					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26042	CH 26365	CH 26688
			1850.2 MHz	1882.5 MHz	1914.8 MHz
3.75k BPSK	1	0	23.06	23.15	23.1
	1	47	23.08	23.16	23.11
3.75k QPSK	1	0	23.02	22.93	23.02
	1	47	23.02	22.98	23.11
15k BPSK	1	0	23.54	23.51	23.6
	1	11	23.56	23.53	23.61
15k QPSK	1	0	23.48	23.36	23.56
	1	11	23.47	23.43	23.54
	6	0	22.98	23.07	23.06
	6	6	23.14	23.13	23.24
	12	0	22.46	22.54	22.43

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
3.75k BPSK	23.06	23.16	25.09	25.19	33.01
3.75k QPSK	22.93	23.11	24.96	25.14	33.01
15k BPSK	23.51	23.61	25.54	25.64	33.01
15k QPSK	22.43	23.56	24.46	25.59	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

In-Band

NB-IoT Band 25 3M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26055	CH 26365	CH 26675
			1851.5 MHz	1882.5 MHz	1913.5 MHz
3.75k BPSK	1	0	22.86	22.97	23.05
	1	47	22.96	22.99	23
3.75k QPSK	1	0	22.97	22.84	22.93
	1	47	22.89	22.91	22.96
15k BPSK	1	0	23.39	23.45	23.49
	1	11	23.36	23.37	23.42
15k QPSK	1	0	23.37	23.25	23.5
	1	11	23.35	23.32	23.47
	6	0	22.92	22.92	22.86
	6	6	22.99	22.95	23.19
	12	0	22.33	22.43	22.34

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
3.75k BPSK	22.86	23.05	24.89	25.08	33.01
3.75k QPSK	22.84	22.97	24.87	25	33.01
15k BPSK	23.36	23.49	25.39	25.52	33.01
15k QPSK	22.33	23.5	24.36	25.53	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NB-IoT Band 25 5M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26065	CH 26365	CH 26665
			1852.5 MHz	1882.5 MHz	1912.5 MHz
3.75k BPSK	1	0	23	23.02	22.9
	1	47	22.98	22.96	23.03
3.75k QPSK	1	0	22.86	22.78	22.86
	1	47	22.89	22.91	22.93
15k BPSK	1	0	23.44	23.34	23.45
	1	11	23.43	23.39	23.49
15k QPSK	1	0	23.42	23.23	23.44
	1	11	23.37	23.31	23.42
	6	0	22.86	22.93	22.97
	6	6	22.98	23.02	23.07
	12	0	22.4	22.45	22.32

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
3.75k BPSK	22.9	23.03	24.93	25.06	33.01
3.75k QPSK	22.78	22.93	24.81	24.96	33.01
15k BPSK	23.34	23.49	25.37	25.52	33.01
15k QPSK	22.32	23.44	24.35	25.47	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NB-IoT Band 25 10M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26090	CH 26365	CH 26640
			1855 MHz	1882.5 MHz	1910 MHz
3.75k BPSK	1	0	22.97	23.03	23.01
	1	47	22.9	23.07	23.04
3.75k QPSK	1	0	22.84	22.76	22.96
	1	47	22.88	22.85	23.01
15k BPSK	1	0	23.48	23.35	23.46
	1	11	23.45	23.41	23.5
15k QPSK	1	0	23.29	23.25	23.51
	1	11	23.34	23.38	23.45
	6	0	22.81	23.01	22.94
	6	6	23	23.05	23.1
	12	0	22.37	22.36	22.26

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
3.75k BPSK	22.9	23.07	24.93	25.1	33.01
3.75k QPSK	22.76	23.01	24.79	25.04	33.01
15k BPSK	23.35	23.5	25.38	25.53	33.01
15k QPSK	22.26	23.51	24.29	25.54	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NB-IoT Band 25 15M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26115	CH 26365	CH 26615
			1857.5 MHz	1882.5 MHz	1907.5 MHz
3.75k BPSK	1	0	22.91	23.08	22.93
	1	47	22.99	22.96	22.94
3.75k QPSK	1	0	22.95	22.85	22.89
	1	47	22.88	22.88	23
15k BPSK	1	0	23.36	23.31	23.41
	1	11	23.4	23.34	23.56
15k QPSK	1	0	23.43	23.16	23.39
	1	11	23.38	23.33	23.39
	6	0	22.84	22.87	22.9
	6	6	23.03	23.06	23.05
	12	0	22.32	22.4	22.28

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
3.75k BPSK	22.91	23.08	24.94	25.11	33.01
3.75k QPSK	22.85	23	24.88	25.03	33.01
15k BPSK	23.31	23.56	25.34	25.59	33.01
15k QPSK	22.28	23.43	24.31	25.46	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NB-IoT Band 25 20M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26140	CH 26365	CH 26590
			1860 MHz	1882.5 MHz	1905 MHz
3.75k BPSK	1	0	22.95	22.95	22.99
	1	47	22.98	23.08	22.97
3.75k QPSK	1	0	22.92	22.74	22.85
	1	47	22.91	22.84	23.06
15k BPSK	1	0	23.38	23.32	23.5
	1	11	23.45	23.48	23.55
15k QPSK	1	0	23.41	23.17	23.41
	1	11	23.29	23.38	23.37
	6	0	22.85	22.92	22.94
	6	6	22.97	22.98	23.15
	12	0	22.41	22.41	22.35

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
3.75k BPSK	22.95	23.08	24.98	25.11	33.01
3.75k QPSK	22.74	23.06	24.77	25.09	33.01
15k BPSK	23.32	23.55	25.35	25.58	33.01
15k QPSK	22.35	23.41	24.38	25.44	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

Guard-Band

NB-IoT Band 25 3M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26055	CH 26365	CH 26675
			1851.5 MHz	1882.5 MHz	1913.5 MHz
3.75k BPSK	1	0	22.88	23.07	22.93
	1	47	22.99	23.03	23.01
3.75k QPSK	1	0	22.9	22.83	22.95
	1	47	22.86	22.9	22.98
15k BPSK	1	0	23.46	23.35	23.5
	1	11	23.51	23.34	23.51
15k QPSK	1	0	23.3	23.18	23.48
	1	11	23.31	23.33	23.45
	6	0	22.87	23.01	23
	6	6	22.94	22.98	23.04
	12	0	22.32	22.38	22.34

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
3.75k BPSK	22.88	23.07	24.91	25.1	33.01
3.75k QPSK	22.83	22.98	24.86	25.01	33.01
15k BPSK	23.34	23.51	25.37	25.54	33.01
15k QPSK	22.32	23.48	24.35	25.51	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NB-IoT Band 25 5M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26065	CH 26365	CH 26665
			1852.5 MHz	1882.5 MHz	1912.5 MHz
3.75k BPSK	1	0	22.89	23.09	22.93
	1	47	22.97	23.07	22.97
3.75k QPSK	1	0	22.85	22.81	22.93
	1	47	22.88	22.78	23.03
15k BPSK	1	0	23.48	23.4	23.43
	1	11	23.44	23.39	23.56
15k QPSK	1	0	23.37	23.2	23.38
	1	11	23.34	23.36	23.48
	6	0	22.8	22.87	22.91
	6	6	23.04	22.97	23.17
	12	0	22.32	22.45	22.36

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
3.75k BPSK	22.89	23.09	24.92	25.12	33.01
3.75k QPSK	22.78	23.03	24.81	25.06	33.01
15k BPSK	23.39	23.56	25.42	25.59	33.01
15k QPSK	22.32	23.48	24.35	25.51	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NB-IoT Band 25 10M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26090	CH 26365	CH 26640
			1855 MHz	1882.5 MHz	1910 MHz
3.75k BPSK	1	0	22.93	23.05	23.04
	1	47	22.94	23.04	23.05
3.75k QPSK	1	0	22.93	22.76	22.94
	1	47	22.91	22.91	22.93
15k BPSK	1	0	23.4	23.34	23.49
	1	11	23.42	23.46	23.51
15k QPSK	1	0	23.4	23.26	23.43
	1	11	23.31	23.3	23.42
	6	0	22.78	22.93	23.01
	6	6	22.95	23.06	23.16
	12	0	22.36	22.44	22.37

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
3.75k BPSK	22.93	23.05	24.96	25.08	33.01
3.75k QPSK	22.76	22.94	24.79	24.97	33.01
15k BPSK	23.34	23.51	25.37	25.54	33.01
15k QPSK	22.36	23.43	24.39	25.46	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NB-IoT Band 25 15M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26115	CH 26365	CH 26615
			1857.5 MHz	1882.5 MHz	1907.5 MHz
3.75k BPSK	1	0	22.97	23.1	23.01
	1	47	23	23.03	22.97
3.75k QPSK	1	0	22.92	22.81	22.85
	1	47	22.89	22.84	23.04
15k BPSK	1	0	23.4	23.35	23.43
	1	11	23.37	23.35	23.52
15k QPSK	1	0	23.41	23.26	23.37
	1	11	23.42	23.35	23.39
	6	0	22.79	22.94	22.92
	6	6	22.97	22.97	23.07
	12	0	22.41	22.42	22.32

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
3.75k BPSK	22.97	23.1	25	25.13	33.01
3.75k QPSK	22.81	23.04	24.84	25.07	33.01
15k BPSK	23.35	23.52	25.38	25.55	33.01
15k QPSK	22.32	23.42	24.35	25.45	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NB-IoT Band 25 20M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26140	CH 26365	CH 26590
			1860 MHz	1882.5 MHz	1905 MHz
3.75k BPSK	1	0	22.87	23.08	22.94
	1	47	22.94	22.99	22.91
3.75k QPSK	1	0	22.88	22.84	22.91
	1	47	22.83	22.88	22.97
15k BPSK	1	0	23.44	23.33	23.41
	1	11	23.45	23.41	23.55
15k QPSK	1	0	23.32	23.27	23.48
	1	11	23.3	23.34	23.37
	6	0	22.88	22.94	22.94
	6	6	22.95	23.03	23.08
	12	0	22.4	22.45	22.25

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
3.75k BPSK	22.87	23.08	24.9	25.11	33.01
3.75k QPSK	22.83	22.97	24.86	25	33.01
15k BPSK	23.33	23.55	25.36	25.58	33.01
15k QPSK	22.25	23.48	24.28	25.51	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.10 NB-IoT Band 26 (Part 22)

Stand-alone

NB-IoT Band 26					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26792	CH 26915	CH 27038
			824.2 MHz	836.5 MHz	848.8 MHz
3.75k BPSK	1	0	23.68	23.68	23.63
	1	47	23.81	23.55	23.71
3.75k QPSK	1	0	23.73	23.57	23.65
	1	47	23.73	23.64	23.64
15k BPSK	1	0	23.65	23.56	23.65
	1	11	23.63	23.56	23.61
15k QPSK	1	0	23.67	23.61	23.7
	1	11	23.68	23.6	23.64
	6	0	23.05	23.06	23.13
	6	6	23.22	23.18	23.25
	12	0	22.42	22.43	22.58

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	23.55	23.81	24.03	24.29	38.45
3.75k QPSK	23.57	23.73	24.05	24.21	38.45
15k BPSK	23.56	23.65	24.04	24.13	38.45
15k QPSK	22.42	23.7	22.9	24.18	38.45

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

In-Band

NB-IoT Band 26 3M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26805	CH 26915	CH 27025
			825.5 MHz	836.5 MHz	847.5 MHz
3.75k BPSK	1	0	23.52	23.5	23.48
	1	47	23.66	23.43	23.62
3.75k QPSK	1	0	23.64	23.42	23.5
	1	47	23.64	23.55	23.48
15k BPSK	1	0	23.47	23.36	23.55
	1	11	23.49	23.37	23.5
15k QPSK	1	0	23.62	23.51	23.5
	1	11	23.58	23.55	23.47
	6	0	22.97	22.92	22.95
	6	6	23.08	23.12	23.06
	12	0	22.36	22.31	22.49

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	23.43	23.66	23.91	24.14	38.45
3.75k QPSK	23.42	23.64	23.9	24.12	38.45
15k BPSK	23.36	23.55	23.84	24.03	38.45
15k QPSK	22.31	23.62	22.79	24.1	38.45

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

NB-IoT Band 26 5M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26815	CH 26915	CH 27015
			826.5 MHz	836.5 MHz	846.5 MHz
3.75k BPSK	1	0	23.55	23.57	23.52
	1	47	23.72	23.36	23.54
3.75k QPSK	1	0	23.64	23.49	23.55
	1	47	23.67	23.57	23.44
15k BPSK	1	0	23.6	23.5	23.59
	1	11	23.53	23.49	23.53
15k QPSK	1	0	23.48	23.5	23.55
	1	11	23.63	23.47	23.45
	6	0	22.86	22.9	23.03
	6	6	23.07	23.13	23.19
	12	0	22.25	22.28	22.39

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	23.36	23.72	23.84	24.2	38.45
3.75k QPSK	23.44	23.67	23.92	24.15	38.45
15k BPSK	23.49	23.6	23.97	24.08	38.45
15k QPSK	22.25	23.63	22.73	24.11	38.45

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)
ERP (dBm) = EIRP (dBm) - 2.15

NB-IoT Band 26 10M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26840	CH 26915	CH 26990
			829 MHz	836.5 MHz	844 MHz
3.75k BPSK	1	0	23.55	23.52	23.46
	1	47	23.61	23.36	23.66
3.75k QPSK	1	0	23.61	23.49	23.51
	1	47	23.61	23.52	23.59
15k BPSK	1	0	23.5	23.42	23.49
	1	11	23.56	23.37	23.5
15k QPSK	1	0	23.56	23.53	23.51
	1	11	23.5	23.41	23.46
	6	0	22.86	23	22.99
	6	6	23.1	23.13	23.09
	12	0	22.27	22.38	22.48

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	23.36	23.66	23.84	24.14	38.45
3.75k QPSK	23.49	23.61	23.97	24.09	38.45
15k BPSK	23.37	23.56	23.85	24.04	38.45
15k QPSK	22.27	23.56	22.75	24.04	38.45

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)
ERP (dBm) = EIRP (dBm) - 2.15

NB-IoT Band 26 15M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26865	CH 26915	CH 26965
			831.5 MHz	836.5 MHz	841.5 MHz
3.75k BPSK	1	0	23.57	23.49	23.58
	1	47	23.62	23.4	23.53
3.75k QPSK	1	0	23.6	23.48	23.46
	1	47	23.55	23.46	23.55
15k BPSK	1	0	23.51	23.38	23.54
	1	11	23.43	23.48	23.55
15k QPSK	1	0	23.61	23.51	23.52
	1	11	23.58	23.52	23.44
	6	0	22.95	22.88	23.02
	6	6	23.07	23.13	23.13
	12	0	22.27	22.3	22.51

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	23.4	23.62	23.88	24.1	38.45
3.75k QPSK	23.46	23.6	23.94	24.08	38.45
15k BPSK	23.38	23.55	23.86	24.03	38.45
15k QPSK	22.27	23.61	22.75	24.09	38.45

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

Guard-Band

NB-IoT Band 26 3M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26805	CH 26915	CH 27025
			825.5 MHz	836.5 MHz	847.5 MHz
3.75k BPSK	1	0	23.56	23.57	23.52
	1	47	23.72	23.39	23.58
3.75k QPSK	1	0	23.63	23.44	23.59
	1	47	23.57	23.54	23.46
15k BPSK	1	0	23.5	23.46	23.53
	1	11	23.52	23.49	23.48
15k QPSK	1	0	23.6	23.55	23.6
	1	11	23.48	23.49	23.59
	6	0	22.98	22.86	23.08
	6	6	23.13	23.07	23.1
	12	0	22.3	22.3	22.45

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	23.39	23.72	23.87	24.2	38.45
3.75k QPSK	23.44	23.63	23.92	24.11	38.45
15k BPSK	23.46	23.53	23.94	24.01	38.45
15k QPSK	22.3	23.6	22.78	24.08	38.45

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

NB-IoT Band 26 5M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26815	CH 26915	CH 27015
			826.5 MHz	836.5 MHz	846.5 MHz
3.75k BPSK	1	0	23.53	23.56	23.53
	1	47	23.74	23.45	23.56
3.75k QPSK	1	0	23.66	23.37	23.47
	1	47	23.6	23.56	23.46
15k BPSK	1	0	23.6	23.39	23.55
	1	11	23.53	23.47	23.41
15k QPSK	1	0	23.57	23.51	23.54
	1	11	23.52	23.55	23.55
	6	0	23	22.93	22.95
	6	6	23.14	22.99	23.13
	12	0	22.35	22.38	22.49

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	23.45	23.74	23.93	24.22	38.45
3.75k QPSK	23.37	23.66	23.85	24.14	38.45
15k BPSK	23.39	23.6	23.87	24.08	38.45
15k QPSK	22.35	23.57	22.83	24.05	38.45

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

NB-IoT Band 26 10M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26840	CH 26915	CH 26990
			829 MHz	836.5 MHz	844 MHz
3.75k BPSK	1	0	23.48	23.57	23.5
	1	47	23.66	23.46	23.56
3.75k QPSK	1	0	23.63	23.5	23.57
	1	47	23.68	23.51	23.47
15k BPSK	1	0	23.54	23.44	23.45
	1	11	23.55	23.41	23.52
15k QPSK	1	0	23.55	23.41	23.62
	1	11	23.56	23.51	23.56
	6	0	22.97	22.92	23
	6	6	23.17	23.09	23.12
	12	0	22.29	22.34	22.48

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	23.46	23.66	23.94	24.14	38.45
3.75k QPSK	23.47	23.68	23.95	24.16	38.45
15k BPSK	23.41	23.55	23.89	24.03	38.45
15k QPSK	22.29	23.62	22.77	24.1	38.45

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

NB-IoT Band 26 15M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26865	CH 26915	CH 26965
			831.5 MHz	836.5 MHz	841.5 MHz
3.75k BPSK	1	0	23.48	23.57	23.55
	1	47	23.7	23.36	23.62
3.75k QPSK	1	0	23.61	23.5	23.59
	1	47	23.54	23.46	23.44
15k BPSK	1	0	23.45	23.44	23.59
	1	11	23.48	23.37	23.48
15k QPSK	1	0	23.53	23.56	23.54
	1	11	23.55	23.53	23.47
	6	0	22.89	22.97	22.93
	6	6	23.06	23	23.17
	12	0	22.33	22.24	22.4

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	23.36	23.7	23.84	24.18	38.45
3.75k QPSK	23.44	23.61	23.92	24.09	38.45
15k BPSK	23.37	23.59	23.85	24.07	38.45
15k QPSK	22.24	23.56	22.72	24.04	38.45

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

7.1.11 NB-IoT Band 26 (Part 90)

Stand-alone

NB-IoT Band 26 1.4M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26697	CH 26740	CH 26783
			814.7 MHz	819 MHz	823.3 MHz
3.75k BPSK	1	0	23.66	23.67	23.69
	1	47	23.7	23.72	23.71
3.75k QPSK	1	0	23.65	23.65	23.7
	1	47	23.75	23.68	23.73
15k BPSK	1	0	23.62	23.71	23.64
	1	11	23.66	23.61	23.62
15k QPSK	1	0	23.56	23.73	23.67
	1	11	23.57	23.65	23.66
	6	0	23.04	23.11	23.13
	6	6	23.22	23.3	23.29
	12	0	22.49	22.28	22.5

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	23.66	23.72	24.14	24.2	50.00
3.75k QPSK	23.65	23.75	24.13	24.23	50.00
15k BPSK	23.61	23.71	24.09	24.19	50.00
15k QPSK	22.28	23.73	22.76	24.21	50.00

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

In-Band

NB-IoT Band 26 3M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26705	CH 26740	CH 26775
			815.5 MHz	819 MHz	822.5 MHz
3.75k BPSK	1	0	23.55	23.49	23.64
	1	47	23.5	23.64	23.63
3.75k QPSK	1	0	23.54	23.52	23.61
	1	47	23.7	23.54	23.58
15k BPSK	1	0	23.53	23.64	23.47
	1	11	23.51	23.44	23.48
15k QPSK	1	0	23.36	23.58	23.56
	1	11	23.38	23.51	23.51
	6	0	22.91	22.93	22.97
	6	6	23.06	23.25	23.12
	12	0	22.32	22.09	22.33

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	23.49	23.64	23.97	24.12	50.00
3.75k QPSK	23.52	23.7	24	24.18	50.00
15k BPSK	23.44	23.64	23.92	24.12	50.00
15k QPSK	22.09	23.58	22.57	24.06	50.00

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

NB-IoT Band 26 5M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26715	CH 26740	CH 26765
			816.5 MHz	819 MHz	821.5 MHz
3.75k BPSK	1	0	23.6	23.51	23.62
	1	47	23.51	23.61	23.51
3.75k QPSK	1	0	23.5	23.52	23.58
	1	47	23.61	23.5	23.62
15k BPSK	1	0	23.45	23.56	23.58
	1	11	23.55	23.45	23.48
15k QPSK	1	0	23.37	23.58	23.58
	1	11	23.47	23.58	23.55
	6	0	22.95	22.91	23.02
	6	6	23.09	23.19	23.18
	12	0	22.36	22.21	22.32

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	23.51	23.62	23.99	24.1	50.00
3.75k QPSK	23.5	23.62	23.98	24.1	50.00
15k BPSK	23.45	23.58	23.93	24.06	50.00
15k QPSK	22.21	23.58	22.69	24.06	50.00

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

NB-IoT Band 26 10M			
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 26740
			819 MHz
3.75k BPSK	1	0	23.55
	1	47	23.63
3.75k QPSK	1	0	23.47
	1	47	23.58
15k BPSK	1	0	23.59
	1	11	23.53
15k QPSK	1	0	23.57
	1	11	23.54
	6	0	22.97
	6	6	23.2
	12	0	22.14

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	23.55	23.63	24.03	24.11	50.00
3.75k QPSK	23.47	23.58	23.95	24.06	50.00
15k BPSK	23.53	23.59	24.01	24.07	50.00
15k QPSK	22.14	23.57	22.62	24.05	50.00

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

Guard-Band

NB-IoT Band 26 3M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26705	CH 26740	CH 26775
			815.5 MHz	819 MHz	822.5 MHz
3.75k BPSK	1	0	23.46	23.48	23.61
	1	47	23.5	23.67	23.53
3.75k QPSK	1	0	23.46	23.57	23.5
	1	47	23.58	23.62	23.62
15k BPSK	1	0	23.51	23.57	23.47
	1	11	23.59	23.46	23.48
15k QPSK	1	0	23.44	23.66	23.51
	1	11	23.5	23.49	23.47
	6	0	22.87	23.04	23.01
	6	6	23.16	23.15	23.2
	12	0	22.34	22.19	22.3

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
3.75k BPSK	23.46	23.67	23.94	24.15	50.00
3.75k QPSK	23.46	23.62	23.94	24.1	50.00
15k BPSK	23.46	23.59	23.94	24.07	50.00
15k QPSK	22.19	23.66	22.67	24.14	50.00

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15