

Type Certificate

Certified to	Quectel Wireless Solutions Co.,Ltd.
Classification of specified radio equipment	Article 2-1-11-19-2 FD-LTE, Land mobile station(NB-IoT)
Type of emissions, frequency and antenna power	200K G1A,G1B,G1C,G1D,G1F,G1X,G7W 718.335~747.665MHz, 815.335~844.665MHz, 900.335~914.665MHz, 1710.335~1784.665MHz, 1920.335~1979.665MHz 0.2W
Model Name	BG96
Vendor Name	Quectel Wireless Solutions Co.,Ltd.
Certified Number	003-180062
Certified Date	April 9, 2018
Remark	No.18-0494 Refer to the attachment for "frequency details"

This is to certify that the above mentioned certification by type has been granted in accordance with the provisions of Article 38-24, Paragraph 1 of the Radio Law.

April 9, 2018

DSP Research, Inc.



2 Transmitter					Reference			
(1) Rated output	(2) Type and frequency range of transmittable radio wave							
0.2W	200K	G1A, G1B, G1C, G1D, G1F, G1X, G7W	718.335~727.665MHz	718.335~727.665MHz	faMHz~(fa+4.32)MHz(180kHz interval 25 channels) (fa=718.34+(0.1xn)[MHz](n=0~50))	Band 28	KDDI	5MHz BS
				728.335~737.665MHz	718.335~718.41MHz(15kHz interval 6 channels), 718.59~727.41MHz(180kHz interval 50 channels) and 727.59~727.665MHz(15kHz interval 6 channels)		Docomo	10MHz BS
				738.335~747.665MHz	faMHz~(fa+4.32)MHz(180kHz interval 25 channels) (fa=728.34+(0.1xn)[MHz](n=0~50))		Softbank	5MHz BS
				738.335~738.41MHz(15kHz interval 6 channels), 738.59~747.41MHz(180kHz interval 50 channels) and 747.59~747.665MHz(15kHz interval 6 channels)	728.335~728.41MHz(180kHz interval 6 channels), 728.59~737.41MHz(180kHz interval 50 channels) and 737.59~737.665MHz(15kHz interval 6 channels)		Softbank	10MHz BS
0.2W	200K	G1A, G1B, G1C, G1D, G1F, G1X, G7W	815.335~829.665MHz	815.335~829.665MHz	faMHz~(fa+4.32)MHz(180kHz interval 25 channels) (fa=815.34+(0.1xn)[MHz](n=0~100))	Band 26	KDDI	5MHz BS
				830.335~844.665MHz	fbMHz~(fb+8.82)MHz(180kHz interval 50 channels) (fb=815.59+(0.1xn)[MHz](n=0~50)) and fbMHz~(fb'+0.075)MHz(15kHz interval 6 channels) (fb'=815.335+(0.1xn)[MHz] or fb=824.59+(0.1xn)[MHz](n=0~50))		KDDI	10MHz BS
				830.335~844.665MHz	815.345~815.66MHz(15kHz interval 22 channels), 815.84~829.16MHz(180kHz interval 75 channels) and 829.34~829.655MHz(15kHz interval 22 channels)		Docomo	15MHz BS
				830.345~830.66MHz(15kHz interval 22 channels), 830.84~844.16MHz(180kHz interval 75 channels) and 844.34~844.655MHz(15kHz interval 22 channels)	830.345~830.66MHz(15kHz interval 22 channels), 830.84~844.16MHz(180kHz interval 75 channels) and 844.34~844.655MHz(15kHz interval 22 channels)		Docomo	15MHz BS
0.2W	200K	G1A, G1B, G1C, G1D, G1F, G1X, G7W	900.335~914.665MHz	900.335~914.665MHz	faMHz~(fa+4.32)MHz(180kHz interval 25 channels) (fa=900.34+(0.1xn)[MHz](n=0~100))	Band 8	Softbank	5MHz BS
				900.335~914.665MHz	fbMHz~(fb+8.82)MHz(180kHz interval 50 channels) (fb=900.59+(0.1xn)[MHz](n=0~50)) and fbMHz~(fb'+0.075)MHz(15kHz interval 6 channels) (fb'=900.335+(0.1xn)[MHz] or fb=909.59+(0.1xn)[MHz](n=0~50))		Softbank	10MHz BS
0.2W	200K	G1A, G1B, G1C, G1D, G1F, G1X, G7W	1710.335~1784.665MHz	1710.335~1764.665MHz	faMHz~(fa+4.32)MHz(180kHz interval 25 channels) (fa=1710.34+(0.1xn)[MHz](n=0~500))	1710.335 ~ Softbank		5MHz BS
				1710.335~1764.665MHz	fbMHz~(fb+8.82)MHz(180kHz interval 50 channels) (fb=1710.59+(0.1xn)[MHz](n=0~450)) and fbMHz~(fb'+0.075)MHz(15kHz interval 6 channels) (fb'=1710.335+(0.1xn)[MHz] or fb=1719.59+(0.1xn)[MHz](n=0~450))			10MHz BS
				1710.335~1764.665MHz	fcMHz~(fc+13.32)MHz(180kHz interval 75 channels) (fc=1710.84+(0.1xn)[MHz](n=0~400)) and fcMHz~(fc'+0.315)MHz(15kHz interval 22 channels) (fc=1710.345+(0.1xn)[MHz] or fc'=1724.34+(0.1xn)[MHz](n=0~400))			15MHz BS
				1710.335~1764.665MHz	fdMHz~(fd+17.82)MHz(180kHz interval 100 channels) (fd=1711.09+(0.1xn)[MHz](n=0~350)) and fdMHz~(fd'+0.555)MHz(15kHz interval 38 channels) (fd=1710.355+(0.1xn)[MHz] or fd'=1729.09+(0.1xn)[MHz](n=0~350))			20MHz BS
				1750.335~1764.665MHz	faMHz~(fa+4.32)MHz(180kHz interval 25 channels) (fa=1750.34+(0.1xn)[MHz](n=0~100))		Softbank	5MHz BS
				1750.335~1764.665MHz	fbMHz~(fb+8.82)MHz(180kHz interval 50 channels) (fb=1750.59+(0.1xn)[MHz](n=0~50)) and fbMHz~(fb'+0.075)MHz(15kHz interval 6 channels) (fb'=1750.335+(0.1xn)[MHz] or fb=1759.59+(0.1xn)[MHz](n=0~50))		Softbank	10MHz BS
				1765.335~1784.665MHz	1750.345~1750.66MHz(15kHz interval 22 channels), 1750.84~1764.16MHz(180kHz interval 75 channels) and 1764.34~1764.655MHz(15kHz interval 22 channels)		Softbank	15MHz BS
				1765.335~1784.665MHz	faMHz~(fa+4.32)MHz(180kHz interval 25 channels) (fa=1765.34+(0.1xn)[MHz](n=0~150))	1765.335 ~ Docomo		5MHz BS
				1765.335~1784.665MHz	fbMHz~(fb+8.82)MHz(180kHz interval 50 channels) (fb=1765.59+(0.1xn)[MHz](n=0~100)) and fbMHz~(fb'+0.075)MHz(15kHz interval 6 channels) (fb'=1765.335+(0.1xn)[MHz] or fb=1774.59+(0.1xn)[MHz](n=0~100))			10MHz BS
				1765.335~1784.665MHz	fcMHz~(fc+13.32)MHz(180kHz interval 75 channels) (fc=1765.84+(0.1xn)[MHz](n=0~50)) and fcMHz~(fc'+0.315)MHz(15kHz interval 22 channels) (fc=1765.345+(0.1xn)[MHz] or fc'=1779.34+(0.1xn)[MHz](n=0~50))			15MHz BS
				1765.335~1784.665MHz	1765.355~1765.91MHz(15kHz interval 38 channels), 1766.09~1783.91MHz(180kHz interval 100 channels) and 1784.09~1784.645MHz(15kHz interval 38 channels)			20MHz BS

		2 Transmitter		Reference		
(1) Rated output		(2) Type and frequency range of transmittable radio wave				
0.2W	200K	G1A, G1B, G1C, G1D, G1F, G1X, G7W	1920.335~1939.665MHz	faMHz~(fa+4.32)MHz(180kHz interval 25 channels) (fa=1920.34+(0.1×n)[MHz](n=0~150))	KDDI	5MHz BS
				fbMHz~(fb+8.82)MHz(180kHz interval 50 channels) (fb=1920.59+(0.1×n)[MHz](n=0~100)) and fbMHz~(fb+0.075)MHz(15kHz interval 6 channels) (fb=1920.335+(0.1×n)[MHz] or fb=1929.59+(0.1×n)[MHz](n=0~100))		10MHz BS
				fcMHz~(fc+13.32)MHz(180kHz interval 75 channels) (fc=1920.84+(0.1×n)[MHz](n=0~50)) and fcMHz~(fc'+0.315)MHz(15kHz interval 22 channels) (fc'=1920.345+(0.1×n)[MHz] or fc'=1934.34+(0.1×n)[MHz](n=0~50))		15MHz BS
				1920.355~1920.91MHz(15kHz interval 38 channels), 1921.09~1938.91MHz(180kHz interval 100 channels) and 1939.09~1939.645MHz(15kHz interval 38 channels)		20MHz BS
			1940.335~1959.665MHz	faMHz~(fa+4.32)MHz(180kHz interval 25 channels) (fa=1940.34+(0.1×n)[MHz](n=0~150))	Band 1	5MHz BS
				fbMHz~(fb+8.82)MHz(180kHz interval 50 channels) (fb=1940.59+(0.1×n)[MHz](n=0~100)) and fbMHz~(fb+0.075)MHz(15kHz interval 6 channels) (fb=1940.335+(0.1×n)[MHz] or fb=1949.59+(0.1×n)[MHz](n=0~100))		10MHz BS
				fcMHz~(fc+13.32)MHz(180kHz interval 75 channels) (fc=1940.84+(0.1×n)[MHz](n=0~50)) and fcMHz~(fc'+0.315)MHz(15kHz interval 22 channels) (fc'=1940.345+(0.1×n)[MHz] or fc'=1954.34+(0.1×n)[MHz](n=0~50))		15MHz BS
				1940.355~1940.91MHz(15kHz interval 38 channels), 1941.09~1958.91MHz(180kHz interval 100 channels) and 1959.09~1959.645MHz(15kHz interval 38 channels)		20MHz BS
			1960.335~1979.665MHz	faMHz~(fa+4.32)MHz(180kHz interval 25 channels) (fa=1960.34+(0.1×n)[MHz](n=0~150))	Softbank	5MHz BS
				fbMHz~(fb+8.82)MHz(180kHz interval 50 channels) (fb=1960.59+(0.1×n)[MHz](n=0~100)) and fbMHz~(fb+0.075)MHz(15kHz interval 6 channels) (fb=1960.335+(0.1×n)[MHz] or fb=1969.59+(0.1×n)[MHz](n=0~100))		10MHz BS
				fcMHz~(fc+13.32)MHz(180kHz interval 75 channels) (fc=1960.84+(0.1×n)[MHz](n=0~50)) and fcMHz~(fc'+0.315)MHz(15kHz interval 22 channels) (fc'=1960.345+(0.1×n)[MHz] or fc'=1974.34+(0.1×n)[MHz](n=0~50))		15MHz BS
				1960.355~1960.91MHz(15kHz interval 38 channels), 1961.09~1978.91MHz(180kHz interval 100 channels) and 1979.09~1979.645MHz(15kHz interval 38 channels)		20MHz BS