

Annex – Equipment Specification

FCC ID					2ABGH-R320L		
Certification sought under the following Rules:					Part 15C/15B/2/22/24/27/90		
Equipment Specification					DTS/DSSJBP/PCE		
FCC Equipment Code List: https://apps.fcc.gov/oetcf/eas/reports/EquipmentRulesList.cfm							
Frequency Range (MHz)		RF Power (Conducted, EIRP/ERP)	Frequency Tolerance		Emission Designator	Part Rule	Equip. Code
Low	High	Watts	Value	unit	47CFR 2.201		
2402	2480	0.001	-	w	-	15C	DTS
2402	2480	0.0137	-	w	-	15C	DSS
2412	2472	0.1845	-	w	-	15C	DTS
-	-	-	-	-	-	15B	JBP
824.2	848.8	0.600	0.027	ppm	252KGXW	2/22/24/27	PCE GSM850(GSM)
824.2	848.8	0.165	0.024	ppm	248KG7W	2/22/24/27	PCE GSM850(EDGE)
1850.2	1909.8	0.977	0.011	ppm	249KGXW	2/22/24/27	PCE GSM1900(GSM)
1850.2	1909.8	0.427	0.012	ppm	254KG7W	2/22/24/27	PCE GSM1900(EDGE)
826.4	846.6	0.185	0.026	ppm	4M14F9W	2/22/24/27	PCE WCDMA B5
1712.4	1752.6	0.259	0.011	ppm	4M14F9W	2/22/24/27	PCE WCDMA B4
1852.4	1907.6	0.249	0.011	ppm	4M13F9W	2/22/24/27	PCE WCDMA B2
1855	1905	0.177	0.012	ppm	8M99G7D	22/24/27	PCE LTE B2
1860	1900	0.176	0.012	ppm	17M9G7D	22/24/27	PCE LTE B2
1851.5	1908.5	0.141	0.012	ppm	2M71W7D	22/24/27	PCE LTE B2
1860	1900	0.136	0.012	ppm	18M0W7D	22/24/27	PCE LTE B2
1720	1745	0.196	0.013	ppm	17M9G7D	22/24/27	PCE LTE B4
1712.5	1752.5	0.156	0.013	ppm	4M51W7D	22/24/27	PCE LTE B4
1720	1745	0.149	0.013	ppm	17M9W7D	22/24/27	PCE LTE B4
829	844	0.142	0.026	ppm	8M99G7D	22/24/27	PCE LTE B5
829	844	0.110	0.026	ppm	8M97W7D	22/24/27	PCE LTE B5
704	711	0.071	0.028	ppm	8M99G7D	22/24/27	PCE LTE B12
700.5	714.5	0.055	0.028	ppm	2M71W7D	22/24/27	PCE LTE B12
704	711	0.054	0.028	ppm	8M97W7D	22/24/27	PCE LTE B12
-	782	0.143	0.026	ppm	8M96G7D	22/24/27	PCE LTE B13
-	782	0.113	0.026	ppm	8M95W7D	22/24/27	PCE LTE B13
1860	1905	0.176	0.012	ppm	17M9G7D	22/24/27	PCE LTE B25
1855	1910	0.140	0.012	ppm	8M98W7D	22/24/27	PCE LTE B25
1860	1905	0.136	0.012	ppm	18M0W7D	22/24/27	PCE LTE B25
831.5	841.5	0.115	0.023	ppm	13M4G7D	22/24/27	PCE LTE B26
831.5	841.5	0.086	0.023	ppm	13M5W7D	22/24/27	PCE LTE B26
2506	2680	0.261	0.009	ppm	17M9G7D	22/24/27	PCE LTE B41
2506	2680	0.205	0.009	ppm	17M9W7D	22/24/27	PCE LTE B41
1720	1770	0.203	0.013	ppm	17M9G7D	22/24/27	PCE LTE B66
1710.7	1779.3	0.158	0.013	ppm	1M10W7D	22/24/27	PCE LTE B66
1720	1770	0.156	0.013	ppm	18M0W7D	22/24/27	PCE LTE B66
673	688	0.093	0.031	ppm	17M9G7D	22/24/27	PCE LTE B71
668	693	0.073	0.031	ppm	8M99W7D	22/24/27	PCE LTE B71
673	688	0.071	0.031	ppm	17M9W7D	22/24/27	PCE LTE B71
815.5	822.5	0.113	0.024	ppm	2M70G7D	2/90	PCE LTE B26
-	819	0.111	0.024	ppm	9M00G7D	2/90	PCE LTE B26
816.5	821.5	0.088	0.024	ppm	4M51W7D	2/90	PCE LTE B26
-	819	0.086	0.024	ppm	8M96W7D	2/90	PCE LTE B26

FREQUENCY RANGE LISTINGS FOR CERTIFICATION GRANTS

I. PART 15 UNLICENSED TRANSMITTERS

1) List the **center frequency** of the lowest channel tested to the **center frequency** of the highest channel tested for the following operating modes which produce worst-case RF emission characteristics:

- (1) the widest frequency range
- (2) the highest power

- 2) grant condition field should include a statement listing all bandwidth modes of operation (e.g., “This device has 20 MHz and 40 MHz bandwidth modes.”)
- 3) For U-NII devices operating under the old rules in the 5470-5725 MHz band, do not list frequencies that include the TDWR band (5600-5650 MHz) (Mator Device Only)

II. LICENSED TRANSMITTERS – GENERAL GUIDANCE

For grants of devices operating in 3GPP LTE modes, listing only the widest measured emission bandwidth for each emission designator (e.g. G7W) and each transmit band [e.g., 27 subpart L (AWS-1)] is permitted according to the following provisions.

- 1) If the mode with the widest measured emission bandwidth also has the highest measured output power, the Form-731 can have a single line per mode and band;
- 2) Multiple Form-731 lines per band are needed for the widest emission bandwidth mode(s) with associated measured output power(s), and the highest measured output power mode with its associated measured narrower emission bandwidth.