



Federal Communications Commission
445 12th SW Washington, D.C
USA

27 July 2020

Attention: Application Examiner / Review Engineer

Subject: Request for a Class II Permissive Change

FCC ID: ZSS-ZSNBL10001
Grant Date(s): 06/04/2020

Pursuant to CFR47 §2.1043, the Grantee hereby requests a Class II Permissive Change for the above identified device.

Following changes apply to the modified device:

The device is integrated by the Grantee into his own end-product using an individual antenna trace design and a set of external WWAN antennas.

New Antenna: External Monopole Antenna

ANT-ZS-NBIOT-90-05 (Band 12, 13, 17, 28): -0.8 dBd @ 699 MHz / -3.5 dBd @ 787 MHz
ANT-ZS-NBIOT-76-05 (Band 5, 18, 19, 20, 26): -2.5 dBd @ 814 MHz / -2.5 dBd @ 862 MHz
ANT-ZS-NBIOT-30-05 (Band 1, 2, 3, 4, 25, 66): -0.5 dBi @ 1710 MHz / -3.7 dBi @ 1980 MHz

Evaluation of the output power and spot checks of the unwanted emissions are performed reflecting the worst-case scenarios documented in the original test report of the stand-alone modular transmitter.

There are no further changes made to the original product. There are no changes made to the transmitter circuitry and the above described changes result in similar RF characteristics as in the original filing - therefore the not repeated test results continue to be representative of and applicable also to this modified device.

Sincerely,

Sabrina Berghahn
Technical Product Certification Assistant and authorized agent