

To whom it may concern,

On behalf of our customer Brusa , we hereby declare the following device:

FCC ID:	2AK2AICS115
IC	22375-ICS115
Brand	Brusa

Contains:

FCC ID:	2AK2AICS1WLAN
IC:	22375-ICS1WLAN

When WLAN module co-transmits with 125 kHz transmitter as a mobile device per KDB 447498 D01, simultaneous transmission MPE test exclusion applies when the sum of the MPE ratios, based on calculated/estimated, numerically modelled or measured field strengths or power density, is ≤ 1.0 .

The evaluation here considers the WLAN transmitter and the 125 kHz transmitter as collocated transmitters. Their output powers levels are provided below. The MPE ratio is defined by the ratio of power density to MPE limit. The sum of the MPE ratios is calculated as follows:

The worst case power density of the WLAN transmitter as is 0.214 mW/cm^2 where the limit is 1.0 mW/cm^2 . The power density ratio is there for $0.214 / 1.0 = 0.214$.

The power density of the 125 kHz transmitter is 17.3 V/m , where the limit is 124.5 V/m which results in a MPE ratio of 0.14

$\Sigma \text{MPE Ratio} = \text{Max (WLAN ratio)} + \text{Max (125 kHz ratio)} = 0.214 + 0.14 = 0.354$ (requirement: <1.0)

This means that the equipment is in compliance with FCC KDB Publication 447498, 47 C.F.R. §1.1310 and §2.1091.

Best regards,
TÜV Rheinland Nederland B.V.



R .van der Meer, Test Engineer