

Declaration for KDB 996369 Module Q&A

Date: 2025-12-18

FCC ID: NKR-UMCSTD35FFN

To whom it may concern,

Question 1. Information that includes permitted variances(e.g., trace boundary limits, thickness, length, width, shape(s), dielectric constant, and impedance as applicable for each type of antenna);

Description: Please refer to NAD module product specification in section

3.4.4 RF transmitting output power;

3.4.5 RF receiving sensitivity

Question 2. Each design shall be considered a different type (e.g., antenna length in multiple(s) of frequency, the wavelength, and antenna shape (traces in phase) can affect antenna gain and must be considered);

Description: Please refer to NAD module product specification in section

3.4.4 RF transmitting output power;

3.4.5 RF receiving sensitivity

Question 3. The parameters shall be provided in a manner permitting host manufacturers to design the printed circuit (PC) board layout;

Description:

The following antennas have been certified for use with this LGA type module; antennas of the same type with equal or lower gain may also be used with this module. The antenna must be installed such that 20 cm can be maintained between the antenna and users.

Antenna Type	Dipole
Antenna connector	SMA

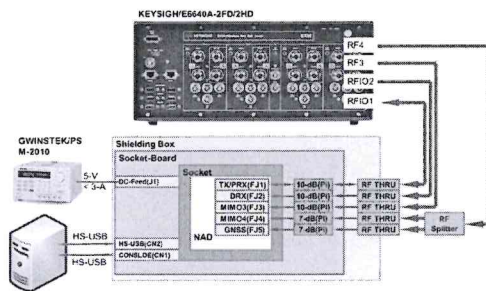
20 Park Avenue II, Hsinchu Science Park, Hsinchu 308, Taiwan, R.O.C.

Question 4. Appropriate parts by manufacturer and specifications.

Description: Please refer to NAD module product specification section 1.3.

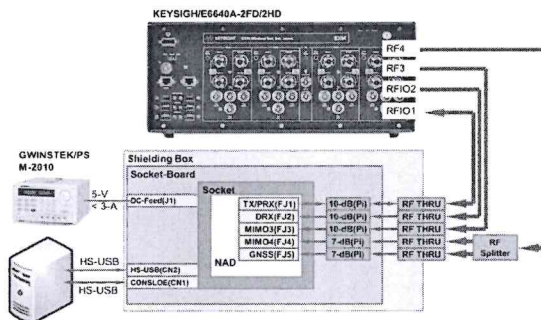
Question 5. Test procedures for design verification.

Description: The Module will 100% perform test with standard equipment to ensure all design and antenna trace tolerances meeting product specification.



Question 6. Production test procedures for ensuring compliance.

Description: The Module will 100% perform test with standard equipment to ensure module compliance 3GPP standard.



Thank you for your attention.

Sincerely yours,

Petchun Hsteh

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