Compliance list INTEGRATION INSTRUCTIONS for 996369 D03 OEM the and 996369 D03 OEM by Sections 2.2 through 2.10.

Yes	N/A	Comment
	14/7	Refer to instruction
		The compared to
		FCC standards: FCC CFR Title 47 Part 15 Subpart
		C Section 15.247
YES		Refer to instruction
		Chip antenna:
		peak gain: 0.5 dBi
	NI/A	Refer to instruction
	IN/A	Refer to instruction
		We will retain control over the final installation
		of the modular such that compliance of the end
		product is assured. In such cases, an operating
		condition on the limit modular approval for the
		module must be only approved for use when
		installed in devices produced by a specific
		manufacturer. If any hardware modify or RF
		control software modify will be made by host
		manufacturer,C2PC or new certificate should be
		apply to get approval, if those change and
		modification made by host manufacturer not
		expressly approved by the party responsible for
		compliance ,then it is illegal.
	YES	YES

approval, such as: shielding, minimum		
signaling amplitude, buffered		
modulation/data inputs, or power supply		
regulation. The alternative method could		
include that the limited module manufacturer		
reviews detailed test data or host designs		
prior to giving the host manufacturer		
approval.		
This limited module procedure is also		
applicable for RF exposure evaluation when it		
is necessary to demonstrate compliance in a		
specific host. The module manufacturer must		
state how control of the product into which		
the modular transmitter will be installed will		
be maintained such that full compliance of the		
product is always ensured. For additional		
hosts other than the specific host originally		
granted with a limited module, a Class II		
permissive change is required on the module		
grant to register the additional host as a		
specific host also approved with the module.		
2.5 Trace antenna designs	N/A	Not applicable
For a modular transmitter with trace antenna	•	
designs, see the guidance in Question 11 of		
KDB Publication 996369 D02 FAQ – Modules		
for Micro-Strip Antennas and traces. The		
integration information shall include for the		
TCB review the integration instructions for the		
following aspects: layout of trace design, parts		
list (BOM), antenna, connectors, and isolation		
requirements.4		
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a) 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);		
b) 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);		
c) The parameters shall be provided in		
a manner permitting host manufacturers to		
design the printed circuit (PC) board layout;		
d) Appropriate parts by manufacturer		
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and specifications;		
e) Test procedures for design verification; and		
f) Production test procedures for ensuring compliance.		
The module grantee shall provide a notice that any deviation(s) from the defined parameters of the antenna trace, as described by the instructions, require that the host product manufacturer must notify the module grantee that they wish to change the antenna trace design. In this case, a Class II permissive change application is required to be filed by the grantee, or the host manufacturer can take responsibility through the change in FCC ID (new application) procedure followed by a Class II permissive change application.		
2.6 RF exposure considerations It is essential for module grantees to clearly and explicitly state the RF exposure conditions that permit a host product manufacturer to use the module. Two types of instructions are required for RF exposure information: (1) to the host product manufacturer, to define the application conditions (mobile, portable – xx cm from a person's body); and (2) additional text needed for the host product manufacturer to provide to end users in their end-product manuals. If RF exposure statements and use conditions are not provided, then the host product manufacturer is required to take responsibility of the module through a change in FCC ID (new application).	YES	Refer to instruction This modular complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be colocated or operating in conjunction with any other antenna or transmitter.
2.7 Antennas A list of antennas included in the application for certification must be provided in the instructions. For modular transmitters approved as limited modules, all applicable professional installer instructions must be included as part of the information to the host product manufacturer. The antenna list shall also identify the antenna types (monopole, PIFA, dipole, etc. (note that for example an "omni-directional antenna" is not considered	YES	Refer to instruction Chip antenna: peak gain: 0.5 dBi

to be a specific "antenna type")).		
For situations where the host product		
manufacturer is responsible for an external		
connector, for example with an RF pin and		
antenna trace design, the integration		
instructions shall inform the installer that		
unique antenna connector must be used on		
the Part 15 authorized transmitters used in		
the host product. The module manufacturers		
shall provide a list of acceptable unique		
connectors.		
2.8 Label and compliance information	YES	Refer to instruction
Grantees are responsible for the continued		If the FCC identification number is not visible
compliance of their modules to the FCC rules.		when the module is installed inside another
This includes advising host product		device, then the outside of the device into
manufacturers that they need to provide a		which the module is installed must also display
physical or e-label stating "Contains FCC ID"		a label referring to the enclosed module. This
with their finished product. See Guidelines for		exterior label can use wording such as the
Labeling and User Information for RF Devices –		following: "Contains Transmitter Module FCC
KDB Publication 784748.		ID: 2AEN7-CBM001 Or
KDB Publication 784748.		
2.0 Information on test mades and additional	VEC	Contains FCC ID: 2AEN7-CBM001
2.9 Information on test modes and additional	YES	Defeate instruction
testing requirementss		Refer to instruction
Additional guidance for testing host products is		Any company of the host device which install
given in KDB Publication 996369 D04 Module		this modular with limit modular approval should
Integration Guide. Test modes should take into		
consideration different operational conditions		perform the test of radiated & conducted
for a stand-alone modular transmitter in a host,		emission and spurious emission,etc. according
as well as for multiple simultaneously		to FCC part 15C : 15.247 and 15.209
transmitting modules or other transmitters in a		&15.207 ,15B Class B requirement, Only if the
host product.		test result comply with FCC part 15C : 15.247
The grantee should provide information on		and 15.209 &15.207 ,15B Class B
how to configure test modes for host product		requirement, then the host can be sold legally.
evaluation for different operational conditions		
for a stand-alone modular transmitter in a host,		
versus with multiple, simultaneously		
transmitting modules or other transmitters in a		
host.		
Grantees can increase the utility of their		
modular transmitters by providing special		
means, modes, or instructions that simulates or		
characterizes a connection by enabling a		
transmitter. This can greatly simplify a host		
manufacturer's determination that a module as		
installed in a host complies with FCC		
requirements.	VEC	Pefer to instruction
2.10 Additional testing, Part 15 Subpart B disclaimer	YES	Refer to instruction
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The grantee should include a statement that the modular transmitter is **only** FCC authorized for the specific rule parts (i.e., FCC transmitter rules) listed on the grant, and that the host product manufacturer is responsible for compliance to any other FCC rules that apply to the host not covered by the modular transmitter grant of certification. If the grantee markets their product as being Part 15 Subpart B compliant (when it also contains unintentional-radiator digital circuity), then the grantee shall provide a notice stating that the final host product still requires Part 15 Subpart B compliance testing with the modular transmitter installed.6

Any company of the host device which install this modular with limit modular approval should perform the test of radiated & conducted emission and spurious emission,etc. according to FCC part 15C: 15.247 and 15.209 &15.207,15B Class B requirement, Only if the test result comply with FCC part 15C: 15.247 and 15.209 &15.207,15B Class B requirement, then the host can be sold legally.

When the module is installed inside another device, the user manual of the host must contain below warning statements;
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- —Reorient or relocate the receiving antenna.
- —Increase the separation between the equipment and receiver.
- —Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- —Consult the dealer or an experienced radio/TV technician for help.