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

Sections 2.2 through 2.10.			1
Requirement	Yes	N/A	Comment
2.2 List of applicable FCC rules	YES		Refer to instruction
List the FCC rules that are applicable to the			
modular transmitter. These are the rules that			FCC standards: FCC CFR Title 47 Part 15
specifically establish the bands of operation,			Subpart C Section 15.247
the power, spurious emissions, and operating			
fundamental frequencies. DO NOT list			
compliance to unintentional-radiator rules			
(Part 15 Subpart B) since that is not a			
condition of a module grant that is extended			
to a host manufacturer. See also Section 2.10			
below concerning the need to notify host			
manufacturers that further testing is			
required.3			
2.3 Summarize the specific operational use	YES		Refer to instruction
conditions	125		
Describe use conditions that are applicable to			The module is limited to the
			following antenna:
the modular transmitter, including for			Tonowing antenna.
example any limits on antennas, etc. For			
example, if point-to-point antennas are used			Antenna Type: PCB Antenna
that require reduction in power or			Asterna Caine 1 dBi
compensation for cable loss, then this			Antenna Gain: -1dBi
information must be in the instructions. If the			
use condition limitations extend to			
professional users, then instructions must			
state that this information also extends to the			
host manufacturer's instruction manual. In			
addition, certain information may also be			
needed, such as peak gain per frequency band			
and minimum gain, specifically for master			
devices in 5 GHz DFS bands.			
2.4 Limited module procedures	No		
If a modular transmitter is approved as a			
"limited module," then the module			
manufacturer is responsible for approving the			
host environment that the limited module is			
used with. The manufacturer of a limited			
module must describe, both in the filing and in			
the installation instructions, the alternative			
means that the limited module manufacturer			
uses to verify that the host meets the necessary			
requirements to satisfy the module limiting			
conditions.			
A limited module manufacturer has the			
flexibility to define its alternative method to address the conditions that limit the initial			
approval, such as: shielding, minimum	<u> </u>		

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	No	
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		
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		
<ul><li>d) Appropriate parts by manufacturer and specifications;</li><li>e) Test procedures for design</li></ul>		
d) Appropriate parts by manufacturer and specifications;		

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.		
<b>2.6 RF exposure considerations</b> 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 instructionThe modular can be installed or integrated in mobile or fix devices only. This modular cannot be installed in any portable device. This modular complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located oroperating in conjunction with any other antenna or transmitter. This modular must be installed and operated with a minimum distance of 20 cm betweenthe radiator and user body.
<b>2.7 Antennas</b> 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 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	YES	Refer to instruction The module is limited to the following antenna: Antenna Type: PCB Antenna Antenna Gain: -1dBi

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. <b>2.8 Label and compliance information</b> Grantees are responsible for the continued compliance of their modules to the FCC rules. This includes advising host product manufacturers that they need to provide a physical or e-label stating "Contains FCC ID" with their finished product. See Guidelines for Labeling and User Information for RF Devices – KDB Publication 784748.	YES	Refer to instruction If the FCC identification number is not visible when the module is installed inside another device, then the outside ofthe device into which the module is installed must also display a label referring to the enclosed module. Thisexterior label can use wording such as the following: "Contains Transmitter Module FCC ID: 2AQ95-C22K Or Contains FCC ID: 2AQ95-
		С22К ″
2.9 Information on test modes and additional	YES	Refer to instruction
testing requirementss Additional guidance for testing host products is given in KDB Publication 996369 D04 Module Integration Guide. Test modes should take into consideration different operational conditions for a stand-alone modular transmitter in a host, as well as for multiple simultaneously transmitting modules or other transmitters in a host product. The grantee should provide information on how to configure test modes for host product 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.		Any company of the host device which install this modular with limit modular approval should perform the test ofradiated & 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. The module is installed in the host and can be transmitted independently.
2.10 Additional testing, Part 15 Subpart B	Yes	Refer to instruction
<b>disclaimer</b> The grantee should include a statement that the modular transmitter is <b>only</b> FCC authorized for the specific rule parts (i.e., FCC		The module is installed in the host, and the host must be evaluated to comply with Part 15 Subpart B requirements

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.			