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.		_	
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 and FCC CFR
the power, spurious emissions, and operating			Title 47 Part 15 Subpart E Section
fundamental frequencies. DO NOT list			·
compliance to unintentional-radiator rules			15.407: 2016
(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			Neter to motivation
Describe use conditions that are applicable to			Antenna Type:
the modular transmitter, including for			BT/BLE: PCB Antenna
example any limits on antennas, etc. For			2.4G Wifi/5G Wifi: Internal antenna
example, if point-to-point antennas are used			Antenna Gain:
that require reduction in power or			BT/BLE: 2dBi
compensation for cable loss, then this			2.4G Wifi/5G Wifi: 2dBi
information must be in the instructions. If the			2.40 Will/30 Will. 20bi
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.	•		B.C. da Sada alla
2.4 Limited module procedures	No		Refer to instruction
If a modular transmitter is approved as a			A de la constante de la consta
"limited module," then the module			Antenna Type:
manufacturer is responsible for approving the host environment that the limited module is			BT/BLE: PCB Antenna
used with. The manufacturer of a limited			2.4G Wifi/5G Wifi: Internal antenna
module must describe, both in the filing and in			Antenna Gain:
the installation instructions, the alternative			BT/BLE: 2dBi
means that the limited module manufacturer			2.4G Wifi/5G Wifi: 2dBi
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			

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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	Refer to instruction
For a modular transmitter with trace antenna		
designs, see the guidance in Question 11 of		Antenna Type:
KDB Publication 996369 D02 FAQ – Modules		BT/BLE: PCB Antenna
for Micro-Strip Antennas and traces. The		2.4G Wifi/5G Wifi: Internal antenna
integration information shall include for the		Antenna Gain:
TCB review the integration instructions for the		BT/BLE: 2dBi
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following aspects: layout of trace design, parts		2.4G Wifi/5G Wifi: 2dBi
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);		
1) Fort design destition and design		
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;		
design the printed eneut (i e) board layout,		
d) Appropriate parts by manufacturer		
and specifications;		
a) Tast massadum for declar		
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	YES	Refer to instruction
It is essential for module grantees to clearly		Teres to motivation
and explicitly state the RF exposure conditions		The modular can be installed or integrated
		_
that permit a host product manufacturer to		in mobile or fix devices only. This modular
use the module. Two types of instructions are		cannot be installed in any portable device.
required for RF exposure information: (1) to		This modular complies with FCC RF
the host product manufacturer, to define the		radiation exposure limits set forth for an
application conditions (mobile, portable – xx		uncontrolled environment. This transmitter
cm from a person's body); and (2) additional		must not be co-located or operating in
text needed for the host product		conjunction with any other antenna or
manufacturer to provide to end users in their		transmitter. This modular must be installed
end-product manuals. If RF exposure		and operated with a minimum distance of
statements and use conditions are not		20 cm between the radiator and user body.
provided, then the host product manufacturer		
is required to take responsibility of the		
module through a change in FCC ID (new		
application).		
2.7 Antennas	YES	Refer to instruction
A list of antennas included in the application	123	Aciel to ilistraction
for certification must be provided in the		Antenna Tyne:
instructions. For modular transmitters		Antenna Type:
approved as limited modules, all applicable		BT/BLE: PCB Antenna
professional installer instructions must be		2.4G Wifi/5G Wifi: Internal antenna
included as part of the information to the host		Antenna Gain:
product manufacturer. The antenna list shall		BT/BLE: 2dBi
also identify the antenna types (monopole,		2.4G Wifi/5G Wifi: 2dBi
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		
amenna 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
1	TES		Refer to instruction
Grantees are responsible for the continued			If the FCC identification number is not
compliance of their modules to the FCC rules.			visible when the module is installed inside
This includes advising host product			
manufacturers that they need to provide a			another device, then the outside of the
physical or e-label stating "Contains FCC ID"			device into which the module is installed
with their finished product. See Guidelines for			must also display a label referring to the
Labeling and User Information for RF Devices –			enclosed module. This exterior label can
KDB Publication 784748.			use wording such as the following:
			"Contains Transmitter Module FCC ID:
			2AOKI-WFM68AUWF1 Or Contains FCC ID:
			2AOKI-WFM68AUWF1 "
2.9 Information on test modes and additional	YES		Refer to instruction
testing requirements₅			
Additional guidance for testing host products is			Any company of the host device which
given in KDB Publication 996369 D04 Module			installs this modular with unlimited
Integration Guide. Test modes should take into			modular approval should perform the test
consideration different operational conditions			of radiated & conducted emission and
for a stand-alone modular transmitter in a host,			spurious emission, etc. according to FCC
as well as for multiple simultaneously			part 15C: 15.247 and 15.407and 15.209 &
transmitting modules or other transmitters in a			15.207, 15B Class B requirement, only if
host product.			the tests result comply with FCC part 15C:
The grantee should provide information on			15.247 and 15.407 and 15.209 & 15.207,
how to configure test modes for host product			15B Class B requirement, then the host can
evaluation for different operational conditions			be sole legally
for a stand-alone modular transmitter in a host,			be sole legally
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.			
2.10 Additional testing, Part 15 Subpart B		No	Refer to instruction
disclaimer		140	Refer to instruction
The greates should include a state want that			Any company of the best device which
The grantee should include a statement that			Any company of the host device which
the modular transmitter is <b>only</b> FCC			installs this modular with unlimited
authorized for the specific rule parts (i.e., FCC	]		modular approval should perform the test

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

of radiated & conducted emission and spurious emission, etc. according to FCC part 15C: 15.247 and 15.407and 15.209 & 15.207, 15B Class B requirement, only if the tests result comply with FCC part 15C: 15.247 and 15.407 and 15.209 & 15.207, 15B Class B requirement, then the host can be sole 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.