

SPECIFICATION

TR6A800S1

IEEE 802.11b/g/n/ax SDIO 1T1R+BLE 5.2

Combo Module



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1. Device Overview

1.1 Descriptions

The TR6A800S1 is a highly integrated module that supports 1T1R 802.11 b/g/n/ax with Wireless LAN (WLAN) SDIO (SDIO 1.1/2.0/3.0) interface controller and BLE5.2 for wireless application, combined with BPSK, QPSK, 16QAM, 64QAM、256QAM and up to 1024QAM modulation of the individual subcarriers, and compatible coding rate of 1/2, 2/3, 3/4, 5/6, provide up to 286Mbps for IEEE 802.11ax. The TR6A800S1 MAC supports 802.11e for multimedia applications, 802.11i and WAPI for security. The TR6A800S1 provides a complete solution for a high-performance integrated wireless and Bluetooth device. It is suitable for STB, TVs, tablets, phones, IPC and other fields such as consumer electronic devices, and can also be applied to the fields with high reliability requirements, such as industrial interconnection.

The TR6A800S1 provides a complete solution for a high-performance integrated wireless and Bluetooth device.

1.2 Features

1.2.1 General Features

- Supports 3.3V power supply
- Supports SDIO/USB2.0/HCI_UART/PCM interface
- Integrated low power timer and watchdog
- 512 bits eFuse
- CMOS MAC, Baseband PHY and RF in a single module for IEEE 802.11b/g/n/ax compatible WLAN
- IEEE 802.11i (WPA, WPA2, WPA3). Open, shared key, and pair-wise key authentication services
- IEEE 802.11k Radio Resource Measurement
- WAPI (Wireless Authentication Privacy Infrastructure) certified
- Wi-Fi Direct supports wireless peer to peer application
- IEEE802.11h DFS, TPC, Spectrum Measurement

1.2.2 Wi-Fi Key Features

- IEEE 802.11b/g/n/ax compatible WLAN
- CMOS single-chip fully-integrated RF, Modem and MAC

- Support 2.4GHz Wi-Fi6
- Support 20/40MHz bandwidth
- Data rates up to 286.8Mbps@TX and 229.4Mbps@RX
- Support STA, AP, Wi-Fi Direct modes concurrently
- Support STBC, beamforming
- Support Wi-Fi6 TWT
- Support Two NAV, Buffer Report, Spatial reuse, Multi-BSSID, intra-PPDU power save
- Support LDPC
- Support MU-MIMO, OFDMA
- Support DCM, Mid-amble, UORA
- OFDM with BPSK, QPSK, 16QAM, 64QAM and 256QAM and 1024QAM modulation. Convolutional Coding Rate: 1/2, 2/3, 3/4, and 5/6
- Support WEP/WPA/WPA2/WPA3-SAE Personal, MFP

1.2.3 Bluetooth Key Features

- Supports all the mandatory and optional features of Bluetooth Low Energy
- HS-UART /SDIO3.0/USB2.0 as HCI
- PCM/IIS interface for audio data transmission
- Supports advanced master and slave topologies
- Use an optimization method to assess channel quality, AFH enhancement
- Support SCO and eSCO link
- CVSD/MSBC/PLC
- SSP/Secure Connection
- Low power mode (sniff, sniff sub-rating)
- Supports LE Audio

1.3 Functional Block Diagram

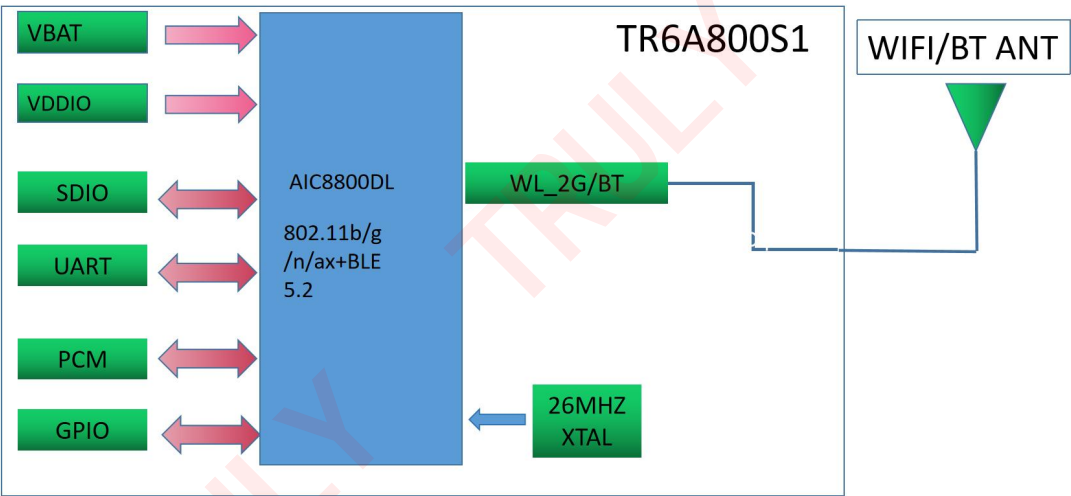


Figure 1. Block Diagram of TR6A800S1

2. Pin Configuration and Functions

2.1 Module Pin Diagram

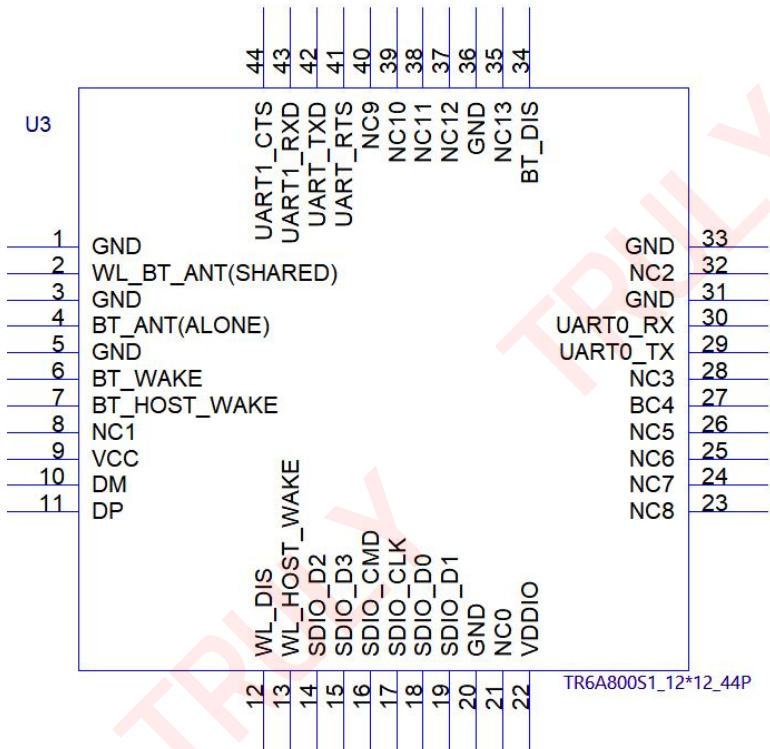


Figure 2. Pin Diagram of TR6A800S1

2.2 Pin Functions

Pin	Name	Description
1	GND	Ground
2	ANT	WLAN and BT RF input/output port
3	GND	Ground
4	NC	No connect, keep floating
5	NC	No connect, keep floating
6	HOST_WAKE_BT/TCK	Host wake up BT
7	BT_WAKE_HOST/TMS	BT wake up Host
8	GND	Ground
9	VBAT	3.3V power supply
10	USB-DM	USB data plus
11	USB-DP	USB data minus
12	WL_REG_ON	Chip Enable pin(high enable/ low disable)
13	WL_WAKE_HOST	WLAN wake up Host
14	SDIO_DATA_2	SDIO port data 2
15	SDIO_DATA_3	SDIO port data 3
16	SDIO_CMD	SDIO Command line
17	SDIO_CLK	SDIO Clock line
18	SDIO_DATA_0	SDIO port data 0
19	SDIO_DATA_1	SDIO port data 1
20	GND	Ground
21	NC	No connect, keep floating
22	VDDIO	I/O power supply
23	NC	No connect, keep floating

24	NC	No connect, keep floating
25	PCM_OUT	PCM data output
26	PCM_CLK	PCM clock
27	PCM_IN	PCM data input
28	PCM_SYNC	PCM sync signal
29	UART0_TX	GPIO
30	UART0_RX	GPIO
31	GND	Ground
32	NC	No connect, keep floating
33	GND	Ground
34	HOST_WAKE_WL	Host wake up WLAN
35	NC	No connect, keep floating
36	GND	Ground
37	NC	No connect, keep floating
38	NC	No connect, keep floating
39	NC	No connect, keep floating
40	NC	No connect, keep floating
41	UART_RTS	High-Speed UART1 TX
42	UART_TXD	No connect, keep floating
43	UART_RXD	No connect, keep floating
44	UART_CTS	High-Speed UART1 RX

3. Specifications

3.1 General Characteristics

Category	Descriptions
Dimension	L*W*H :12.0mm (±0.3mm)*12.0mm (±0.3mm)*2.1mm (±0.2mm)
Standard	IEEE 802.11b/g/n/ax+BLE 5.2
Frequency Band	2.4GHZ Band: 2412~2500MHZ
Bandwidth	20/40 MHz
Data Security	WEP,WPA/WPA2/WPA3
Frequency Error	<±20ppm/802.11b/g/n/ax
Rx Sensitivity	2.4G: 11b 11M: -91dBm@8% PER 11g 54M: -77dBm@10% PER 11n HT20 MCS7: -75dBm@10% PER 11n HT40 MCS7: -72dBm@10% PER 11ax HE40 MCS11: -62dBm@ 10% PER
Data Rate	802.11b [11,5.5,2 and 1Mbps] 802.11g [54,48,36,24,18,12,9&6Mbps] 802.11n HT20: up to 72.2Mbps 802.11n HT40: up to 150Mbps 802.11ax HE20: up to 143.4Mbps 802.11ax HE40: up to 286.8Mbps
Ambient Temperature	-30℃~70℃

Storage Temperature	-40℃~85℃
Antenna	External antenna
Operating System	Linux /Android
Operating Voltage	VBAT:3.3V;VDDIO:1.8V or 3.3V

3.2 RF Characteristics

All measurements are made under nominal supply voltage, room temperature and conducted conditions at each antenna port rather than antenna.

3.2.1 Receiver RF Specifications

Parameter	Conditions		Min.	Nom.	Max.	Unit
Receive input frequency						
2.4GHz	802.11b/g/n/ax mode		2400	-	2500	MHz
Receiver sensitivity						
802.11b	1Mbps	FER<8%, Packet size= 1,024bytes	-	-	-82	dBm
	2Mbps		-	-	-80	dBm
	5.5Mbps		-	-	-78	dBm
	11Mbps		-	-	-76	dBm
802.11g	6Mbps	PER<10%, Packet size= 1,024bytes	-	-	-82	dBm
	9Mbps		-	-	-81	dBm
	12Mbps		-	-	-79	dBm
	18Mbps		-	-	-77	dBm
	24Mbps		-	-	-74	dBm
	36Mbps		-	-	-70	dBm
	48Mbps		-	-	-66	dBm
	54Mbps		-	-	-65	dBm
	MCS0.		-	-	-82	dBm
	MCS1.		-	-	-79	dBm

802.11n (HT20)	MCS2	PER<10%, Packet size= 4,096bytes	-	-	-77	dBm
	MCS3.		-	-	-74	dBm
	MCS4.		-	-	-70	dBm
	MCS5.		-	-	-66	dBm
	MCS6.		-	-	-65	dBm
	MCS7.		-	-	-64	dBm
802.11n (HT40)	MCS0.	PER<10%, Packet size= 4,096bytes	-	-	-79	dBm
	MCS1.		-	-	-77	dBm
	MCS2		-	-	-74	dBm
	MCS3.		-	-	-71	dBm
	MCS4.		-	-	-67	dBm
	MCS5.		-	-	-63	dBm
	MCS6.		-	-	-62	dBm
	MCS7.		-	-	-61	dBm
802.11ax (HE20)	MCS0.	PER<10%, Packet size= 4,096bytes	-	-	-82	dBm
	MCS1.		-	-	-79	dBm
	MCS2		-	-	-77	dBm
	MCS3.		-	-	-74	dBm
	MCS4.		-	-	-70	dBm
	MCS5.		-	-	-66	dBm
	MCS6.		-	-	-65	dBm
	MCS7.		-	-	-64	dBm
	MCS8.		-	-	-59	dBm
	MCS9.		-	-	-57	dBm
	MCS10.		-	-	-54	dBm
	MCS11.		-	-	-52	dBm
	MCS0.	PER<10%, Packet size= 4,096bytes	-	-	-79	dBm
	MCS1.		-	-	-76	dBm
	MCS2		-	-	-74	dBm
	MCS3.		-	-	-71	dBm
	MCS4.		-	-	-67	dBm
	MCS5.		-	-	-63	dBm
	MCS6.		-	-	-62	dBm

	MCS7.		-	-	-61	dBm
	MCS8.		-	-	-56	dBm
	MCS9.		-	-	-54	dBm
	MCS10.		-	-	-51	dBm
	MCS11.		-	-	-49	dBm
Maximum input level						
802.11b	FER<8%		-10	-	-	dBm
802.11g	FER<10%		-20	-	-	dBm
802.11n	FER<10%		-30			dBm
802.11ax	FER<10%		-20			dBm

3.2.2 Transmitter RF Specifications

Parameter	Condition	Min.	Nom.	Max.	Unit.
Receive input frequency					
802.11b/g/n/ax	2.4GHz	2400	-	2500	MHz
Transmit power					
802.11b	11Mbps	17	17.62	19	dBm
802.11g	54Mbps	17	18.17	19	dBm
802.11n	HT20, MCS7	17	18.88	19	dBm
	HT40, MCS7	17	18.16	19	dBm
802.11ax	HE20,MCS11	17	18.6	19	dBm
	HE40,MCS11	17	18.62	19	dBm
Spectrum mask					
802.11b	$f_c-22\text{MHz}<f<f_c-11\text{MHz}&f_c+11\text{MHz}<f<f_c+22\text{MHz}$	-	-	-30	dBr
	$f_c-55\text{MHz}<f<f_c-22\text{MHz}&f_c+22\text{MHz}<f<f_c+55\text{MHz}$	-	-	-50	dBr
802.11g	$f_c\pm 9\text{MHz}$	-	-	0	dBr
	$f_c\pm 11\text{MHz}$	-	-	-20	dBr
	$f_c\pm 20\text{MHz}$	-	-	-28	dBr
	$f_c\pm 30\text{MHz}$	-	-	-40	dBr
	$f_c\pm 9\text{MHz}$	-	-	0	dBr
	$f_c\pm 11\text{MHz}$	-	-	-20	dBr

802.11n	$f_c \pm 20\text{MHz}$	-	-	-28	dBr
	$f_c \pm 30\text{MHz}$	-	-	-45	dBr
802.11ax (HE40)	$f_c \pm 19.5\text{MHz}$	-	-	0	dBr
	$f_c \pm 20.5\text{MHz}$	-	-	-20	dBr
	$f_c \pm 40\text{MHz}$	-	-	-28	dBr
	$f_c \pm 60\text{MHz}$	-	-	-40	dBr
Center frequency tolerance					
802.11b		-25	-	+25	ppm
802.11g/n/ax		-20	-	+20	ppm
EVM (Error Vector Magnitude)*					
802.11b	1Mbps	-	-	35	%
	2Mbps	-	-	35	%
	5.5Mbps	-	-	35	%
	11Mbps	-	-	35	%
802.11g	6Mbps	-	-	-5	%
	9Mbps	-	-	-8	dB
	12Mbps	-	-	-10	dB
	18Mbps	-	-	-13	dB
	24Mbps	-	-	-16	dB
	36Mbps	-	-	-19	dB
	48Mbps	-	-	-22	dB
	54Mbps	-	-	-25	dB
802.11n	MCS0.	-	-	-5	dB
	MCS1.	-	-	-10	dB
	MCS2	-	-	-13	dB
	MCS3.	-	-	-16	dB
	MCS4.	-	-	-19	dB
	MCS5.	-	-	-22	dB
	MCS6.	-	-	-25	dB
	MCS7.	-	-	-28	dB
	MCS0.	-	-	-5	dB
	MCS1.	-	-	-10	dB
	MCS2	-	-	-13	dB
	MCS3.	-	-	-16	dB

802.11ax	MCS4.	-	-	-19	dB
	MCS5.	-	-	-22	dB
	MCS6.	-	-	-25	dB
	MCS7.	-	-	-27	dB
	MCS8.	-	-	-30	dB
	MCS9.	-	-	-32	dB
	MCS10.	-	-	-35	dB
	MCS11.	-	-	-35	dB

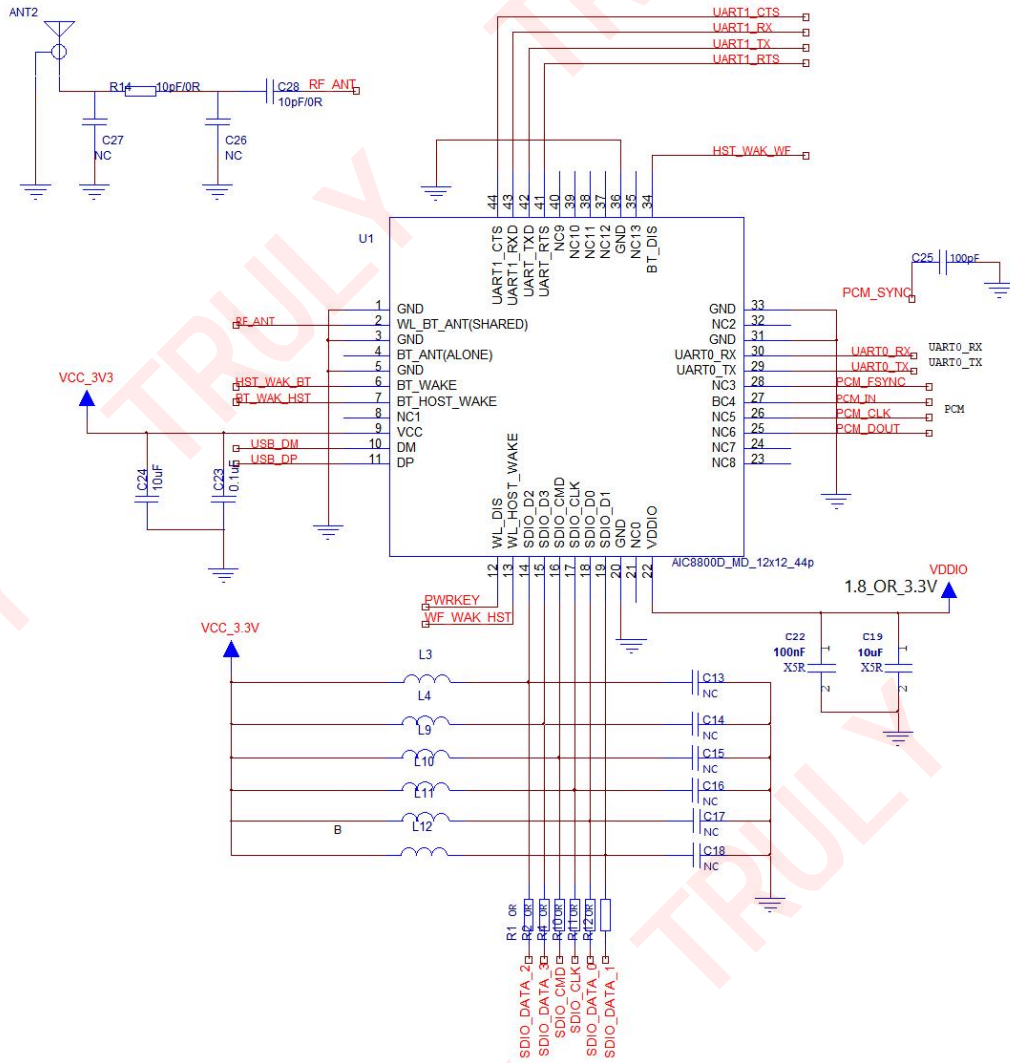
3.2.3 Bluetooth RF Specifications

Parameter	Conditions	Minimum	Typical	Maximum	Unit
Frequency range		2402		2480	MHz
	LE 1M	-	-95	-	dBm
	LE 2M	-	-93	-	dBm
Output power	Class 1/GFSK	0.3	2.28	2.3	dBm
	Class 2/GFSK	0.3	1.84	2.3	dBm

4. Application and Implementation

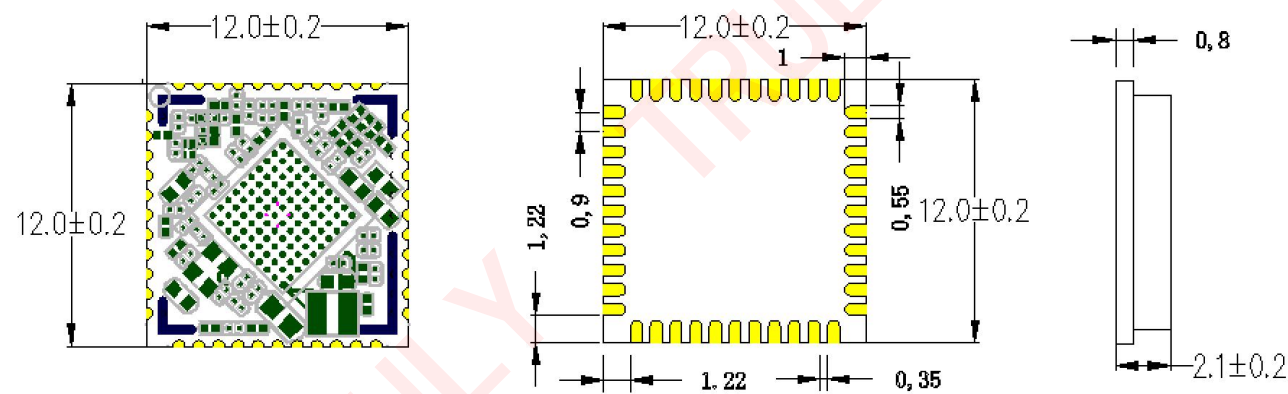
4.1 Application Diagram

Figure 3. Application Schematic Diagram of TR6A800S1



5. Mechanical and Package

5.1 Mechanical Size



Note:L*W*H: 12.0mm (±0.3mm)*12.0mm (±0.3mm)*2.1mm (±0.2mm)

Figure 4. Mechanical Size of TR6A800S1

5.2 Recommended Land Pattern

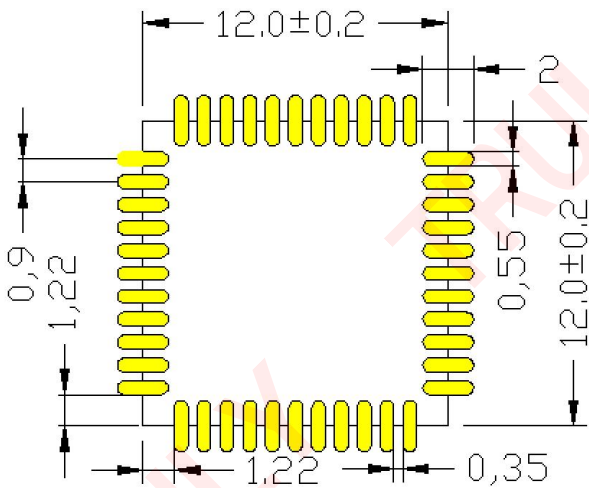


Figure 5. On Board Pad Suggest: (Unit: mm)

5.3 Package Information



Figure 6. Brief Packaging Process of TR5R822S2 Modules

6. Thermal Reflow

Referred to IPC/JEDEC standard.

Peak temperature: $<250^{\circ}\text{C}$

Number of times: ≤ 2

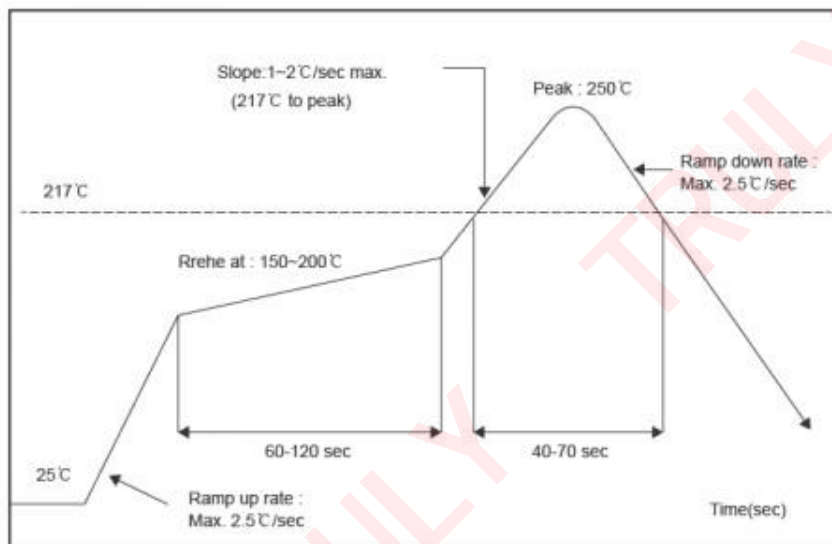


Figure 7. Recommended Reflow for Lead Free Solder

Note: The module is recommended not to go through reflow over twice.

7. Ordering Information

Part NO.	Working Voltage	ANT	Shielding Cover	Remark
TR6A800S1	3.3V	1 antennas	Included	SDIO

8. Revision History

Version	Change Content	Reviser	Date
V0.1	Draft Version	Grant	2025.02.22

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The modular can be installed or integrated in mobile or fix devices only. This modular cannot be installed in any portable device.

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

FCC Radiation Exposure Statement

This modular complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This modular must be installed and operated with a minimum distance of 20 cm between the radiator and user body.

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.

OEM INTEGRATION INSTRUCTIONS:

This device is intended only for OEM integrators under the following conditions:

The module must be installed in the host equipment such that 20 cm is maintained between the antenna and users, and the transmitter module may not be co-located with any other transmitter or antenna. The module shall be only used with the internal on-board antenna that has been originally tested and certified with this module. External antennas are not supported. As long as these 3 conditions above are met, further transmitter test will not be required.

However, the OEM integrator is still responsible for testing their end-product for any additional compliance requirements required with this module installed (for example, digital device emissions, PC peripheral requirements, etc.). The end-product may need Verification testing, Declaration of Conformity testing, a Permissive Class II Change or new Certification. Please involve a FCC certification specialist in order to determine what will be exactly applicable for the end-product.

Validity of using the module certification:

In the event that these conditions cannot be met (for example certain laptop configurations or co-location with another transmitter), then the FCC/IC authorization for this module in combination with the host equipment is no longer considered valid and the FCC ID/IC of the module cannot be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization. In such cases, please involve a FCC/IC certification specialist in order to determine if a Permissive Class II Change or new Certification is required.

Upgrade Firmware:

The software provided for firmware upgrade will not be capable to affect any RF parameters as certified for the FCC/IC for this module, in order to prevent compliance issues.

End product labeling:

This transmitter module is authorized only for use in device where the antenna may be installed such that 20 cm may be maintained between the antenna and users. The final end product must be labeled in a visible area with the following: "Contains FCC ID: 2BOHY-800S1".

Information that must be placed in the end user manual:

The OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module in the user's manual of the end product which integrates this module. The end user manual shall include all required regulatory information/warning as show in this manual.

2.2 List of applicable FCC rules

List the FCC rules that are applicable to the modular transmitter. These are the rules that specifically establish the bands of operation, the power, spurious emissions, and operating fundamental frequencies.

DO NOT list compliance to unintentional-radiator rules (Part 15 Subpart B/ICES-003) 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.

Explanation: This module meets the requirements of FCC part 15C(15.247)

2.3 Summarize the specific operational use conditions

Describe use conditions that are applicable to the modular transmitter, including for example any limits on antennas, etc. For example, if point-to-point antennas are used that require reduction in power or compensation for cable loss, then this 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.

Explanation: The EUT has one external dipole antenna, the antenna cannot be replaced by other authorized antennas, and the gain of each replacement antenna is no more than 2.5dBi

2.4 Limited module procedures

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 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.

Explanation: The Module is not a limited module.

2.5 Trace antenna designs

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.

- 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 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.

Explanation: No, The module with a dipole antenna

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/IC (new application).

Explanation: This module complies with FCC RF radiation exposure limits set forth for an uncontrolled environment, This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body." This module is designed to comply with the FCC statement, " Contains Transmitter Module FCC ID: 2BOHY-800S1 Or Contains FCC ID: 2BOHY-800S1".

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 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.

Explanation: The EUT has a Dipole antenna, and the antenna utilizes an RA-SMA connector, making it difficult to replace.

Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
TRULY	A25458101	Dipole	RA-SMA	2.4G:2.5	2400-2500MHz

2.8 Label and compliance information

Grantees are responsible for the continued compliance of their modules to the FCC/IC 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.

Explanation: The host system using this module, should have label in a visible area indicated the following texts: “Contains Transmitter Module FCC ID: 2BOHY-800S1 Or Contains FCC ID: 2BOHY-800S1”.

2.9 Information on test modes and additional testing requirements

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/IC requirements.

Explanation: Host manufacturer must perform test of radiated & conducted emission and spurious emission, etc according to the actual test modes for a stand-alone modular transmitter in a host, as well as for multiple simultaneously transmitting modules or other transmitters in a host product. Only when all the test results of test modes comply with FCC requirements, then the end product can be sold legally.

2.10 Additional testing, Part 15 Subpart B/ICES-003 disclaimer

The grantee should include a statement that the modular transmitter is only FCC authorized for the specific rule parts (i.e., FCC/IC transmitter rules) listed on the grant, and that the host product manufacturer is responsible for compliance to any other FCC/IC 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/ICES-003 compliant (when it also contains unintentional-radiator digital circuitry), then the grantee shall provide a notice stating that the final host product still requires Part 15 Subpart B/ICES-003 compliance testing with the modular transmitter installed.

Explanation: The module without unintentional-radiator digital circuitry, so the module does not require an evaluation by FCC Part 15 Subpart B. The host should be evaluated by the FCC Subpart B.