

FCC RF Test Report (SRD)

Applicant: Remote Tech LLC

Address of Applicant: 310 ALDER RD, DOVER DE 19904 USA

Product Name: Smart Key

Model No.: RT-TQ84F71

Brand Name: /

FCC ID: 2AOKM-HK54

Test Standards: FCC CFR Title 47 Part 15C (§15.231(a))

Date of Sample Receipt: Aug. 19, 2026

Date of Test: Aug. 20 to 27, 2026

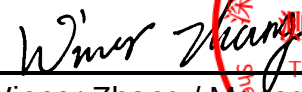
Date of Report Issue:

Aug. 28, 2026

Prepared By:

Shenzhen Acote Technology Co., Ltd.

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Approved by


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Report Revision History

Rev.	Issue Date	Description
V00	Aug. 28, 2026	Initial Release



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1 Laboratory Introduction

1.1 Laboratory Location

Company Name:	Shenzhen Acote Technology Co., Ltd.
Address of Laboratory:	Room 719, Excellence Times Building, No. 27, Xinqiao 3rd Road, Xinqiao Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong Province, China.
	101, F1, building 15, zhongda 365, Xincheng Road No.9, Songshanhu, Dongguan, Guangdong, China.
Website:	www.acotelabs.com
Email:	Service@acotelabs.com
Tel.:	+86-0755-2788 9963

1.2 Laboratory Facility

Our company's laboratory facilities have received accreditation, certification, or authorization from the following organizations:

- **FCC - Designation No.: CN1450**
Shenzhen Acote Technology Co., Ltd. has been certified by the FCC (Federal Communications Commission) as a testing laboratory. Test Firm Registration Number: **832670**.
- **ISED - CAB Identifier: CN0202**
Shenzhen Acote Technology Co., Ltd. is registered with ISED (Innovation, Science and Economic Development Canada) as a Conformity Assessment Body (CAB) for radio equipment testing.
- **A2LA - Accreditation Number: 7697.01**
Shenzhen Acote Technology Co., Ltd. has been accredited by A2LA (American Association for Laboratory Accreditation) in compliance with the internationally recognized standard ISO/IEC 17025:2017, "General Requirements for the Competence of Testing and Calibration Laboratories."

1.3 Announcement

Shenzhen Acote Technology Co., Ltd. tested the equipment in accordance with the requirements set forth in the test standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise.

This document may not be altered or revised in any way unless done so by Shenzhen Acote Technology Co., Ltd. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by Shenzhen Acote Technology Co., Ltd. will constitute fraud and shall nullify the document.

1.4 Disclaimer

For the information or data provided by the client in this report, the relevant results or conclusions of this report are only made for these data or information. The testing laboratory is not responsible for the authenticity and accuracy of these data or information.

2 Equipment Under Test Information

2.1 Application Information

Applicant:	Remote Tech LLC
Address of Applicant:	310 ALDER RD, DOVER DE 19904 USA
Manufacturer:	Remote Tech LLC
Address of Manufacturer:	310 ALDER RD, DOVER DE 19904 USA

2.2 Product Information

Product Name:	Smart Key
Model No.:	RT-TQ84F71
Models of Product Family:	/
Description of Model Differentiation:	/

2.3 EUT Technical Parameters

Operation Frequency:	433.92MHz
Modulation Type:	FSK
Channel Numbers:	1
Antenna Type:	PCB Antenna
Antenna Gain:	-12.88 dBi (declared by applicant)
Power Supply:	DC 3V (CR2450 Battery)
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

3 Test Information

3.1 Test Methodology

The tests documented in this report were performed in accordance with:

- FCC CFR Title 47 Part 2
- FCC CFR Title 47 Part 15C (§15.231(a))
- ANSI C63.10:2020

3.2 Test Result Summary

Report Section	Test Items	Standard Clause	Test Result
5.1	Antenna Requirement	§15.203	Pass
5.2	AC Power Line Conducted Emission	§15.207	Pass
5.3	20dB Bandwidth	§15.231 (c)	Pass
5.4	Field Strength of Fundamental	§15.231 (b)	Pass
5.5	Field Strength of Spurious Emissions	§15.209 §15.231 (b)	Pass
5.6	Duration Time	§15.231 (a)(1)	Pass

Remark:

- a) *Pass: The EUT complies with the essential requirements in the standard.*
- b) *N/A: Not applicable.*
- c) *The test cable insertion loss used for RF output power and other conducted measurements is provided by the applicant.*

3.3 Environment of test site

Temperature:	15 ~ 35°C
Humidity:	20 ~ 75% RH
Atmospheric Pressure:	990 ~ 1010 mbar

3.4 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
Radio Frequency	$\pm 2 \times 10^{-8}$
RF Power, Conducted	± 0.66 dB
Spurious emission, Conducted	± 2.28 dB
Bandwidth, Conducted	$\pm 4\%$
Temperature	± 0.3 °C
Voltage	± 0.1 %
Humidity	± 2 %
Conducted Emission (9kHz ~ 150kHz)	± 3.02 dB
Conducted Emission (30MHz ~ 1000MHz)	± 2.52 dB
Radiated Emission (30MHz ~ 1000MHz) (3m SAC)	± 4.78 dB
Radiated Emission (1GHz ~ 6GHz) (3m SAC)	± 5.16 dB
Radiated Emission (6GHz ~ 18GHz) (3m SAC)	± 5.48 dB
Radiated Emission (18GHz ~ 40GHz) (3m SAC)	± 5.48 dB
Note: All the measurement uncertainty value were shown with a coverage $k=2$ to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.	

3.5 Description of Support Units

The EUT was test as an independent unit.

3.6 Additions to, Deviations, or Exclusions from the Method

None

3.7 Test Instruments List

Radiated Emission(3m SAC)				
Test Equipment	Manufacturer	Model	Serial No.	Cal Due
3m SAC	YiHeng	9m*6m*6m	20250422	2028/05/28
EMI Test Receiver	Rohde & Schwarz	ESR7	101542	2026/08/31
TRILOG Broad Band Antenna (30MHz – 1000MHz)	Schwarzbeck	VULB 9168	9168-771	2026/09/08
6dB Attenuator	SRTechnology Corporate	N-ATTENUATOR(6dB)	311248	2026/08/31
Preamplifier (30MHz – 1000MHz)	TESTEK	TK-PA06S	190014-L	2026/08/31
Broadband Horn Antenna (1GHz – 18GHz)	Gwave Technology	GHA0118A-11	20251014010	2026/11/16
Preamplifier (1GHz – 18GHz)	Gwave Technology	GWLAN008018-50	20251014010	2026/10/23
Broadband Horn Antenna (18GHz – 40GHz)	Gwave Technology	GHA180400-292F-20	20251014010	2026/11/16
Preamplifier (18GHz – 40GHz)	Gwave Technology	GWLAN018040-45	20251014010	2026/10/23
RF Cable (9kHz – 18GHz)	REBES	SF104/10000MM	805225/4	2026/08/31
RF Cable (9kHz – 18GHz)	REBES	SF104/10000MM	805226/4	2026/08/31
RF Cable (18GHz – 40GHz)	MWRFTTest	UCA400-2.92M2092M-1.5M	004	2026/10/23
RF Cable (18GHz – 40GHz)	Gwave Technology	GAU3-292M292M-3000A1	20251021001-01-01	2026/10/23
RF Cable (18GHz – 40GHz)	Gwave Technology	GAU3-292M292M-600A1	20251021001-01-01	2026/10/23
High-pass filter (1GHz – 18GHz)	K&L MICROWAVE	11SH10-2000/U1800-O/O	350	2026/10/23
High-pass filter (3GHz – 18GHz)	UIY	UIYHPF3025A4T18SF	DL0019131	2026/10/23
High-pass filter (7GHz – 18GHz)	Narda	F4036A	1572	2026/10/23
Spectrum Analyzer	Rohde & Schwarz	FSP40	102129	2027/07/03
Test Software	Frad	EZ_EMG	Version: EMEC-3A1	N/A

Conducted Emission				
Test Equipment	Manufacturer	Model	Serial No.	Cal Due
EMI Test Receiver	Rohde & Schwarz	ESR3	101763	2026/08/31
TWO-LINE V-NETWORK	Rohde & Schwarz	ENV216	101078	2026/08/31
RF Cable (9kHz – 30MHz)	REBES	WG4R-60-60-3	210305	2026/08/31
Test Software	Frad	EZ_EMC	Version: EMEC-3A1	N/A

RF Conducted Measurement				
Test Equipment	Manufacturer	Model	Serial No.	Cal Due
Spectrum Analyzer	Keysight	N9020A	MY56060179	2026/11/13
DC Power Supply	Agilent	E3632A	MY40026044	2026/11/13

4 Test Configuration of EUT

4.1 Test Mode

TM 1:	Keep the EUT in continuously transmitting mode
TM 2:	The EUT was configured in normal operating mode during the test.

4.2 Test Configuration

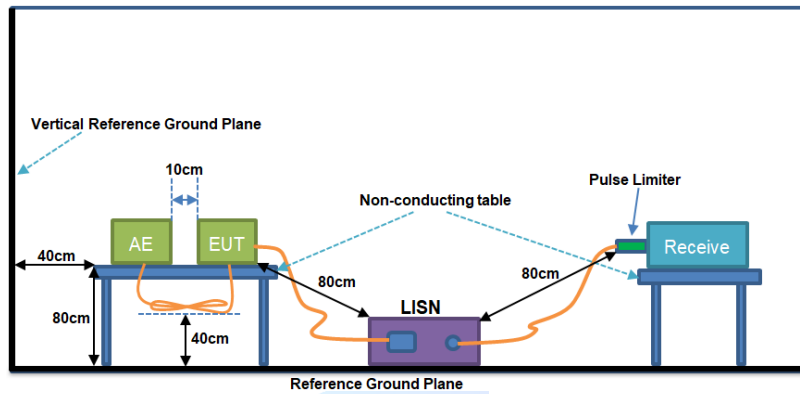
Report Section	Test Mode	Modulation Type
5.2	N/A	FSK
5.3	TM 1	
5.4	TM 1	
5.5	TM 1	
5.6	TM 2	

Note:

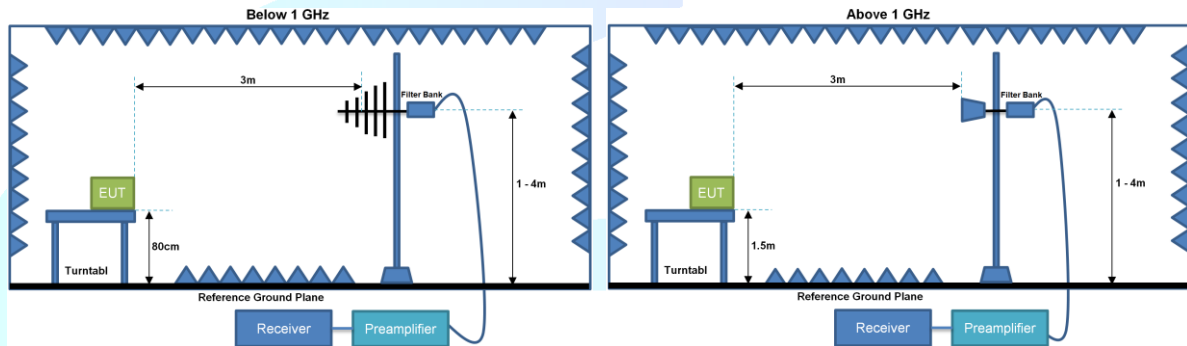
- 1) The EUT was investigated in three orthogonal orientations X, Y and Z, it was determined that Y was the worst-case of radiated field strength.
- 2) For frequencies above 1 GHz in Section 5.5, measurements were performed up to the 10th harmonic of the fundamental frequency (or up to 40 GHz). Frequencies with emission levels at least 20 dB below the limit are not presented in the test report.

4.3 Test Setup Block

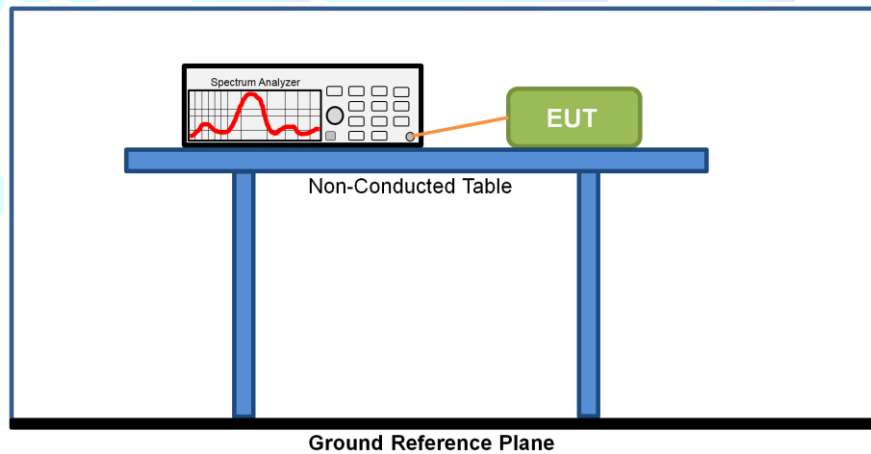
Setup 1 (Conducted Emission):



Setup 2 (Radiated Emission):



Setup 3 (RF Conducted):



5 Technical requirements specification

5.1 Antenna Requirement

5.1.1 Requirement

15.203 Requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

5.1.2 Results

Pass.

The antenna is an PCB antenna which permanently attached, and the best case gain of the antenna is -12.88 dBi. See product internal photos for details.

5.2 AC Power Line Conducted Emission

5.2.1 Limits

Frequency (MHz)	Limit (dB μ V)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56 ^{Note 1}	56 to 46 ^{Note 1}
0.5 – 5	56	46
5 – 30	60	50
Note 1: The limit level in dB μ V decreases linearly with the logarithm of frequency.		
Note 2: The more stringent limit applies at transition frequencies.		

5.2.2 Test Procedure

- The EUT was placed on a non-conductive table, 40 cm from the vertical ground plane and 80 cm from the horizontal ground plane. The EUT was arranged in accordance with ANSI C63.10.
- The EUT was configured to operate in TM 1 mode as specified in Section 4.1.
- The phase of the LISN was set to L1.
- Open the test software, load the conducted emission test script, or create a new conducted emission test script, and configure the test parameters, including the test frequency range, RBW = 9kHz, VBW = 30kHz, test standard, LISN, receiver, and other related settings.
- The test script was executed, the measurement was performed. Save the test data.
- The phase of the LISN was set to N, and steps d) and e) were repeated.

5.2.3 Test Setup

See setup 1 in section 4.4.

5.2.4 Test Instruments

Refer to section 3.7.

5.2.5 Test Results

N/A.

5.3 20dB Bandwidth

5.3.1 Limits

The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.

5.3.2 Test Procedure

- a) The EUT antenna port is connected to the RF port of the spectrum analyzer via an RF cable.
- b) The EUT is set to operate in TM 1 mode as described in Section 4.1.
- c) Spectrum analyzer settings were as follows:
 - Span: Between two times and five times the OBW
 - RBW: 1 % to 5% of the OBW
 - VBW: $3 \times \text{RBW}$
- d) Save the test data.

5.3.3 Test Setup

See setup 3 in section 4.4.

5.3.4 Test Instruments

Refer to section 3.7.

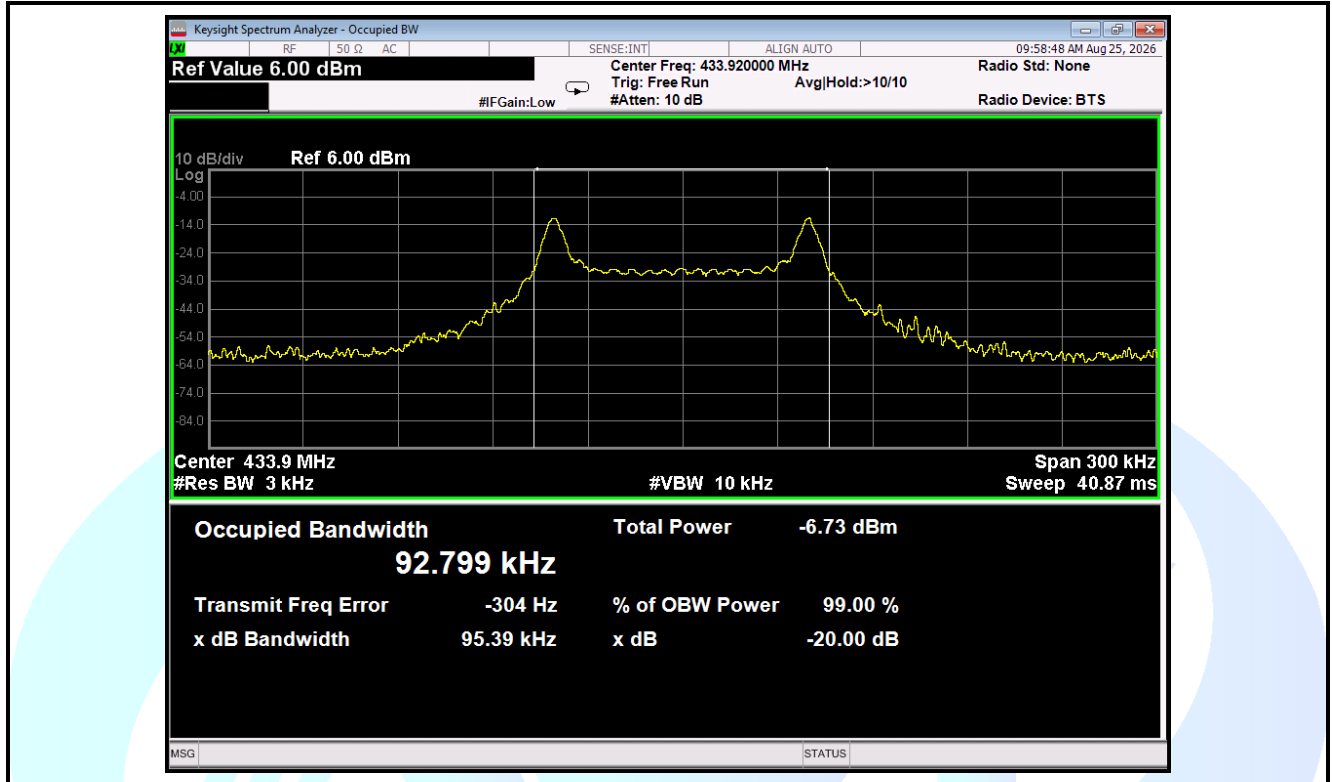
5.3.5 Test Results

Pass.

5.3.6 Test Data

20dB bandwidth (MHz)	Limit (MHz)	Results
0.09539	1.0848	Passed
Note: Limit = Fundamental frequency × 0.25% = 433.92 × 0.25% = 1.0848MHz.		

Test plot as follows:



5.4 Field Strength of Fundamental

5.4.1 Limits

Fundamental Frequency (MHz)	Field Strength of Fundamental (microvolts/meter)	Field Strength of Spurious Emission (microvolts/meter)
130 - 174	¹ 1250 to 3750	¹ 125 to 375
174 - 260	3750	375
260 - 470	¹ 3750 to 12500	¹ 375 to 1250
Above 470	12500	1250
Note: ¹ Linear interpolations.		

5.4.2 Test Procedure

- The EUT is placed on a non-conducting table of the 3m SAC turntable, 80 cm above the ground plane for measurement below 1GHz, 1.5 m above the ground plane for measurement above 1GHz. The measurement receiving antenna to EUT distance is 3 meters. The EUT was arranged in accordance with ANSI C63.10.
- The EUT is operated in TM 1 mode as described in Section 4.1.
- Open the test software, load the radiated emissions test script, or create a new radiated emissions test script, and configure the test parameters, including the test frequency range, RBW = 100kHz (for below 1GHz) or 1MHz (for above 1GHz), VBW = 300kHz (for below 1GHz) or 3MHz (for above 1GHz), test standard, test antenna, spectrum analyzer, and other related settings.
- The test script was executed, the measurement was performed.
- The turntable rotates 360 degrees, and the test antenna is raised and lowered within a range of 1 to 4 meters.
- Use the spectrum analyzer's Max Hold function to record the maximum test trace. Mark the maximum Peak and Average values. Save the test data.
- Both vertical and horizontal polarizations of the test antenna need to be tested.

5.4.3 Test Setup

See setup 2 in section 4.4.

5.4.4 Test Instruments

Refer to section 3.7.

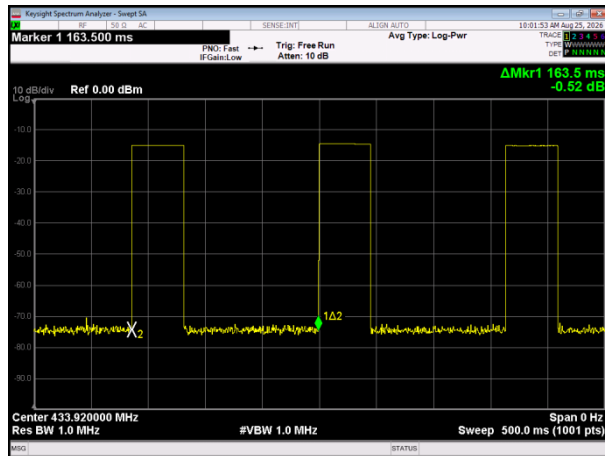
5.4.5 Test Results

Pass.

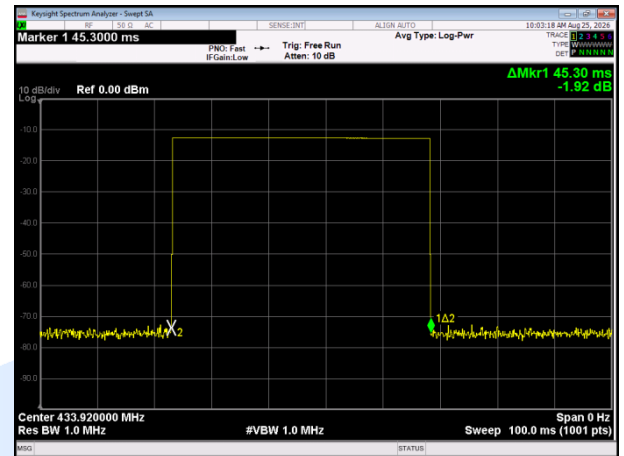
5.4.6 Test Data

Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Polarization
433.9316	70.81	9.18	79.99	100.83	-20.84	Vertical
433.9624	68.02	9.18	77.20	100.83	-23.63	Horizontal
Average Value						
Frequency (MHz)	Level (dBuV/m)	Duty Cycle Factor	Average Value (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Polarization
433.9316	79.99	-6.88	73.11	80.83	-7.72	Vertical
433.9624	77.20	-6.88	70.32	80.83	-10.51	Horizontal
Duty Cycle Factor Calculate Formula:		Average value = Peak value + Duty Cycle Factor				
		Duty cycle factor = $20\log(\text{Duty cycle})$				
		Duty cycle = on time/100 milliseconds or period, whichever is less				
		T on time = 45.30(ms)				
		T period = 163.50(ms) > 100(ms)				
		Duty cycle = 45.30%				
		Duty cycle factor = $20\log(\text{Duty cycle}) = -6.88$				

T period:

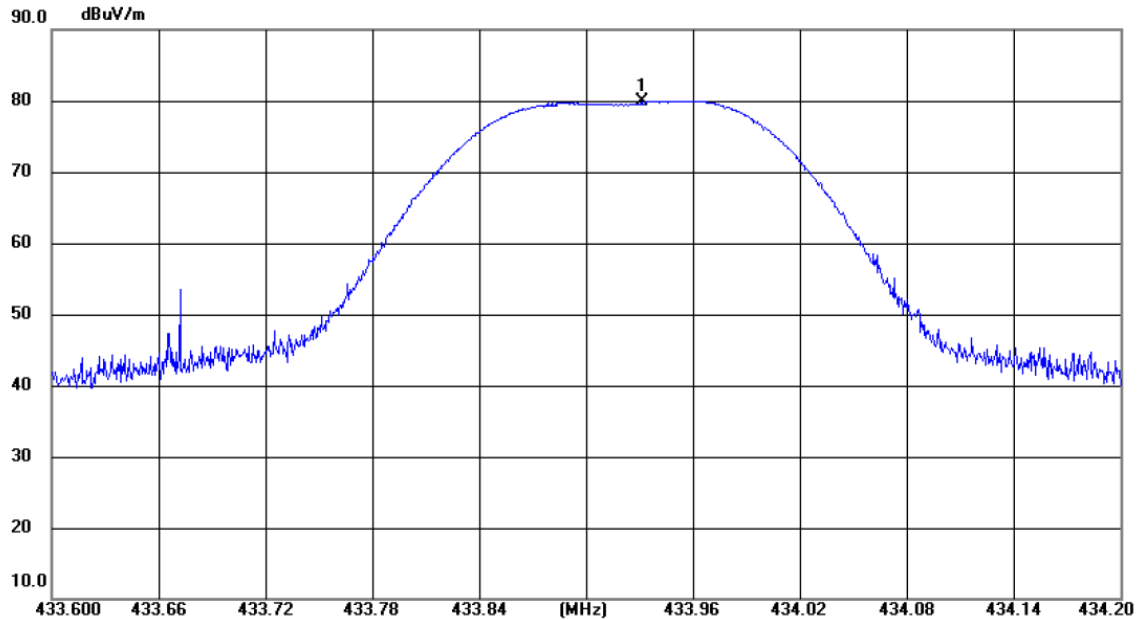


T 100ms:



Test Plots:

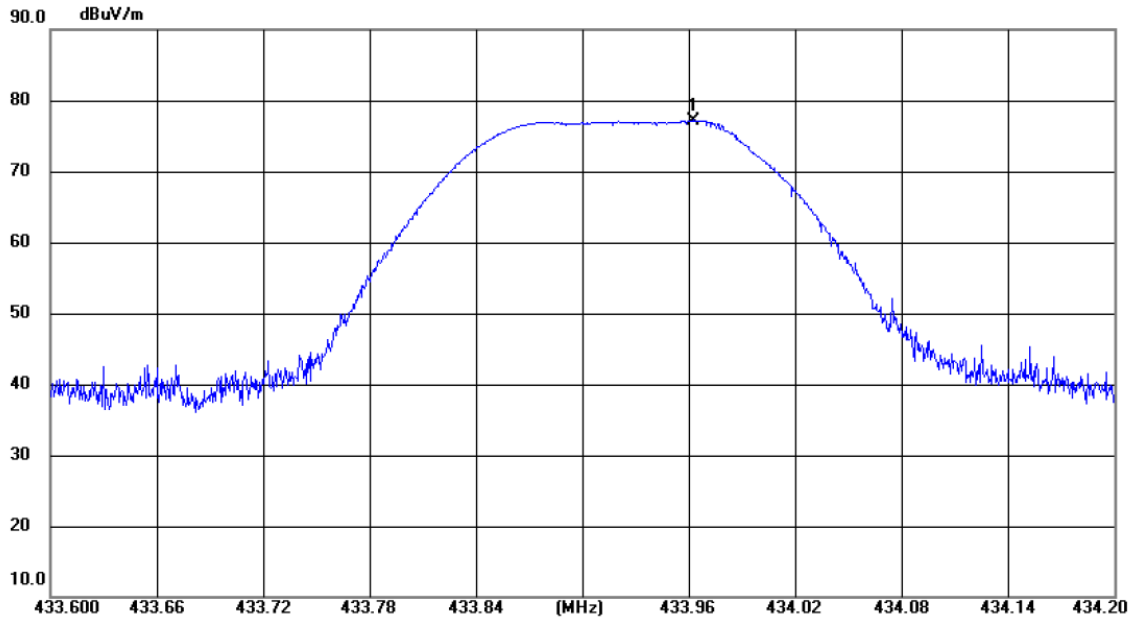
Product Name:	Smart Key	Model No.:	RT-TQ84F71
Test By:	Albers Liu	Test mode:	TM 1
Test Channel:	433.92 MHz	Polarization:	Vertical
Test Voltage:	DC 3V		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	433.9316	70.81	9.18	79.99	-----	-----	-----	-----

Remark: Level = Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	Smart Key	Model No.:	RT-TQ84F71
Test By:	Albers Liu	Test mode:	TM 1
Test Channel:	433.92 MHz	Polarization:	Horizontal
Test Voltage:	DC 3V		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	433.9624	68.02	9.18	77.20	-----	-----	-----	-----

Remark: Level = Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).

5.5 Field Strength of Spurious Emissions

5.5.1 Limits

Fundamental Frequency (MHz)	Field Strength of Fundamental (microvolts/meter)	Field Strength of Spurious Emission (microvolts/meter)
130 - 174	¹ 1250 to 3750	¹ 125 to 375
174 - 260	3750	375
260 - 470	¹ 3750 to 12500	¹ 375 to 1250
Above 470	12500	1250
Note: ¹ Linear interpolations.		

5.5.2 Test Procedure

- The EUT is placed on a non-conducting table of the 3m SAC turntable, 80 cm above the ground plane for measurement below 1GHz, 1.5 m above the ground plane for measurement above 1GHz. The measurement receiving antenna to EUT distance is 3 meters. The EUT was arranged in accordance with ANSI C63.10.
- The EUT operates according to the TM 1 mode settings in Section 4.1.
- Open the test software, load the radiated emissions test script, or create a new radiated emissions test script, and configure the test parameters, including the test frequency range, RBW = 100kHz (for below 1GHz) or 1MHz (for above 1GHz), VBW = 300kHz (for below 1GHz) or 3MHz (for above 1GHz), test standard, test antenna, spectrum analyzer, and other related settings.
- The test script was executed, the measurement was performed.
- The turntable rotates 360 degrees, and the test antenna is raised and lowered within a range of 1 to 4 meters.
- Use the spectrum analyzer's Max Hold function to record the maximum test trace. For frequencies below 1 GHz, mark the maximum Quasi-peak value. For frequencies above 1 GHz, mark the maximum Peak and Average values. Save the test data.
- Both vertical and horizontal polarizations of the test antenna need to be tested.

5.5.3 Test Setup

See setup 2 in section 4.4.

5.5.4 Test Instruments

Refer to section 3.7.

5.5.5 Test Results

Pass.

5.5.6 Test Data

1) Below 1GHz (30MHz-1000MHz)

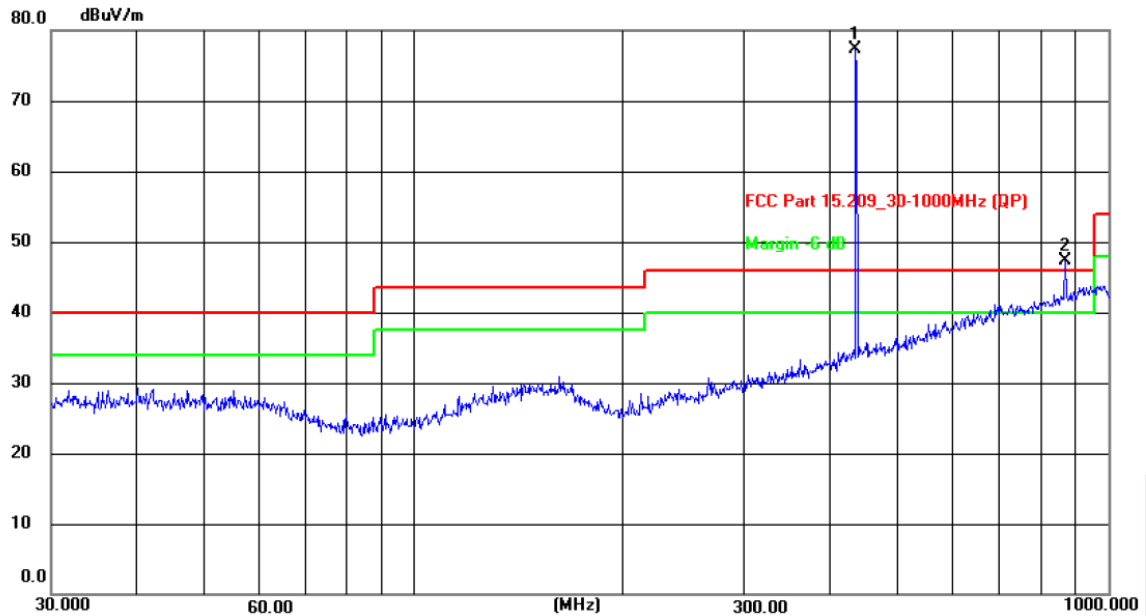
Peak value						
Frequency (MHz)	Read level (dBuV)	Correction factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Polarization
867.988	36.59	10.62	47.21	80.83	-33.62	Vertical
867.988	39.08	10.62	49.70	80.83	-31.13	Horizontal
Average value						
Frequency (MHz)	Level (dBuV/m)	Duty cycle factor	Average value (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
867.988	47.21	-6.88	40.33	60.83	-20.50	Vertical
867.988	49.70	-6.88	42.82	60.83	-18.01	Horizontal
Remark: 1. Average value = Peak value + Duty Cycle Factor. 2. The Duty Cycle Factor refer to section 5.4.						

2) Above 1GHz:

Peak value						
Frequency (MHz)	Read level (dBμV)	Correction factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Over limit (dB)	Polarization
3037.063	70.24	-20.13	50.11	80.83	-30.72	Vertical
3471.546	69.76	-19.29	50.47	80.83	-30.36	Vertical
3904.716	72.42	-18.31	54.11	74.00	-19.89	Vertical
4340.107	76.87	-17.83	59.04	74.00	-14.96	Vertical
4773.530	73.55	-16.98	56.57	74.00	-17.43	Vertical
5206.909	71.31	-15.26	56.05	80.83	-24.78	Vertical
5641.600	73.61	-14.85	58.76	80.83	-22.07	Vertical
2169.481	67.51	-22.36	45.15	80.83	-35.68	Horizontal
2603.934	66.64	-20.46	46.18	80.83	-34.65	Horizontal
3037.743	72.38	-20.12	52.26	80.83	-28.57	Horizontal
3471.549	70.41	-19.29	51.12	80.83	-29.71	Horizontal
3905.591	70.43	-18.30	52.13	74.00	-21.87	Horizontal
4340.107	70.43	-17.83	52.60	74.00	-21.40	Horizontal
4773.530	70.36	-16.98	53.38	74.00	-20.62	Horizontal
5208.076	74.29	-15.26	59.03	80.83	-21.80	Horizontal
5642.864	73.73	-14.86	58.87	80.83	-21.96	Horizontal
Average value						
Frequency (MHz)	Level (dBμV/m)	Duty cycle factor	Average value (dBμV/m)	Limit (dBμV/m)	Over limit (dB)	Polarization
3037.063	50.11	-6.88	43.23	60.83	-17.60	Vertical
3471.546	50.47	-6.88	43.59	60.83	-17.24	Vertical
3904.716	54.11	-6.88	47.23	54.00	-6.77	Vertical
4340.107	59.04	-6.88	52.16	54.00	-1.84	Vertical
4773.530	56.57	-6.88	49.69	54.00	-4.31	Vertical
5206.909	56.05	-6.88	49.17	60.83	-11.66	Vertical
5641.600	58.76	-6.88	51.88	60.83	-8.95	Vertical
2169.481	45.15	-6.88	38.27	60.83	-22.56	Horizontal
2603.934	46.18	-6.88	39.30	60.83	-21.53	Horizontal
3037.743	52.26	-6.88	45.38	60.83	-15.45	Horizontal
3471.549	51.12	-6.88	44.24	60.83	-16.59	Horizontal
3905.591	52.13	-6.88	45.25	54.00	-8.75	Horizontal
4340.107	52.60	-6.88	45.72	54.00	-8.28	Horizontal
4773.530	53.38	-6.88	46.50	54.00	-7.50	Horizontal
5208.076	59.03	-6.88	52.15	60.83	-8.68	Horizontal
5642.864	58.87	-6.88	51.99	60.83	-8.84	Horizontal
Remark: 1. Average value = Peak value + Duty Cycle Factor. 2. The Duty Cycle Factor refer to section 5.4.						

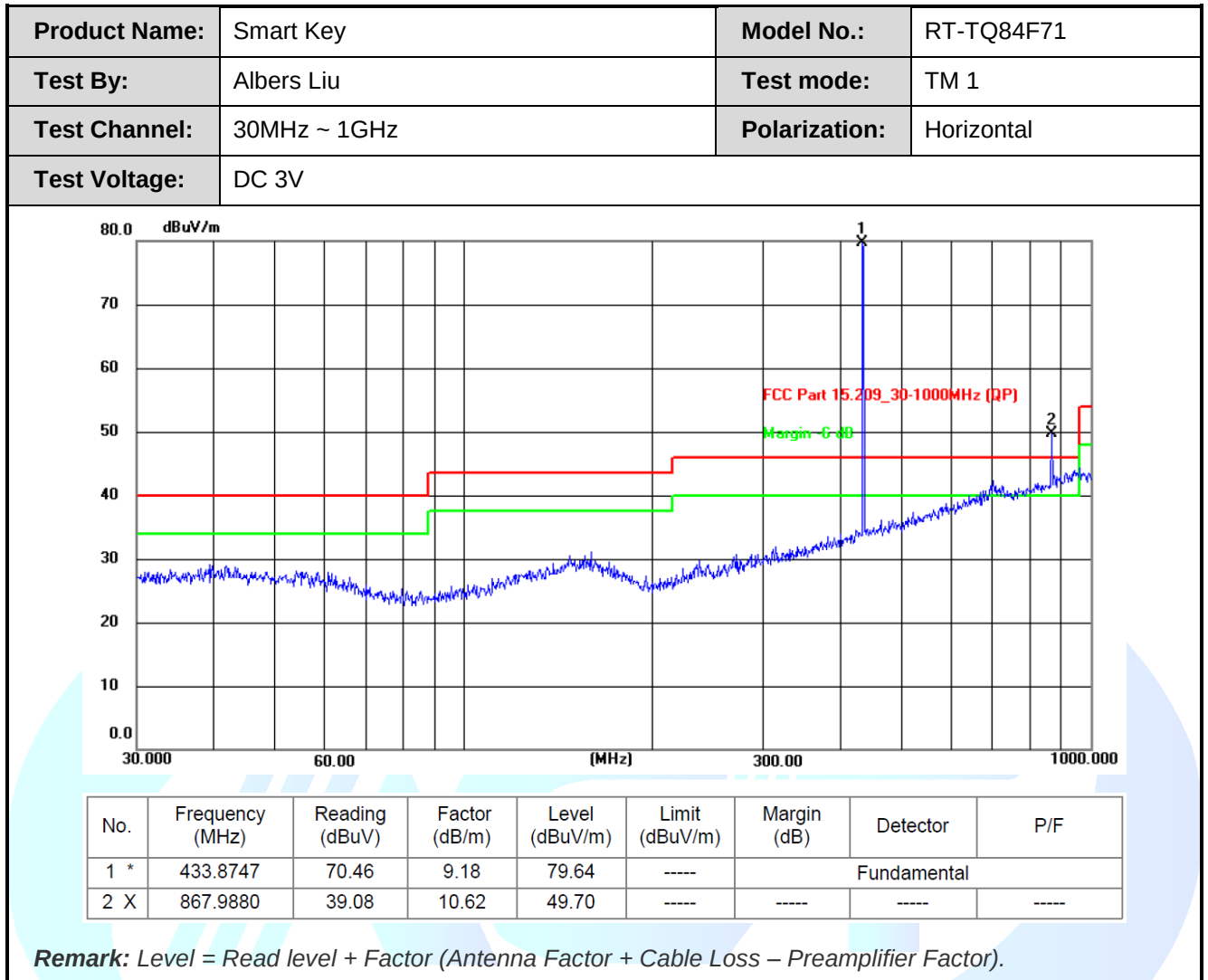
3) Test Plots:

Product Name:	Smart Key	Model No.:	RT-TQ84F71
Test By:	Albers Liu	Test mode:	TM 1
Test Channel:	30MHz ~ 1GHz	Polarization:	Vertical
Test Voltage:	DC 3V		

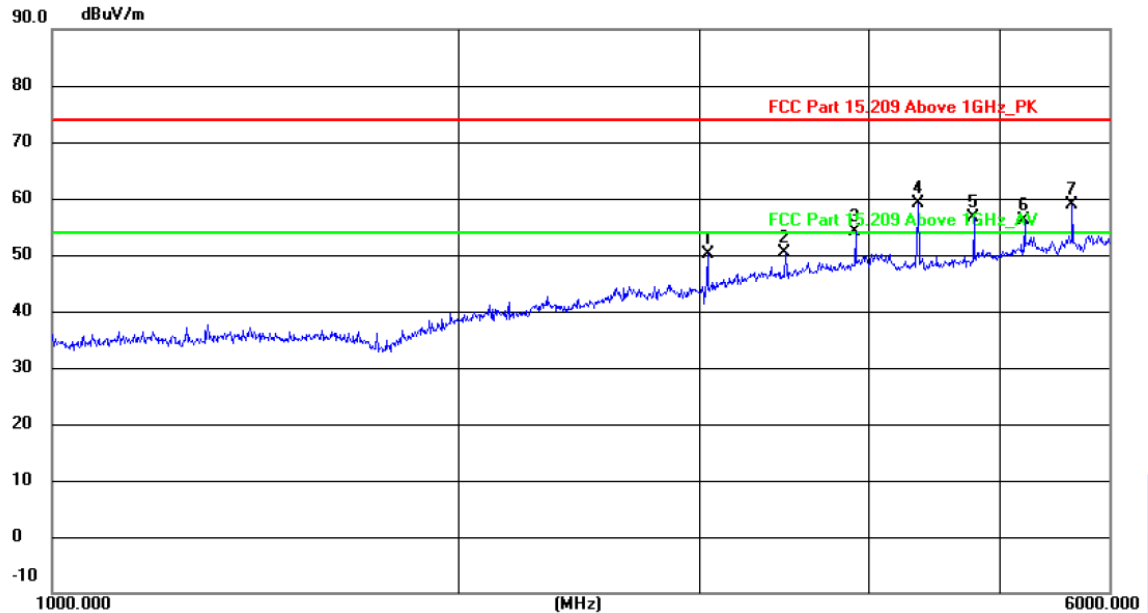


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	433.8747	68.10	9.18	77.28	-----		Fundamental	
2 X	867.9880	36.59	10.62	47.21	-----	-----	-----	-----

Remark: Level = Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).



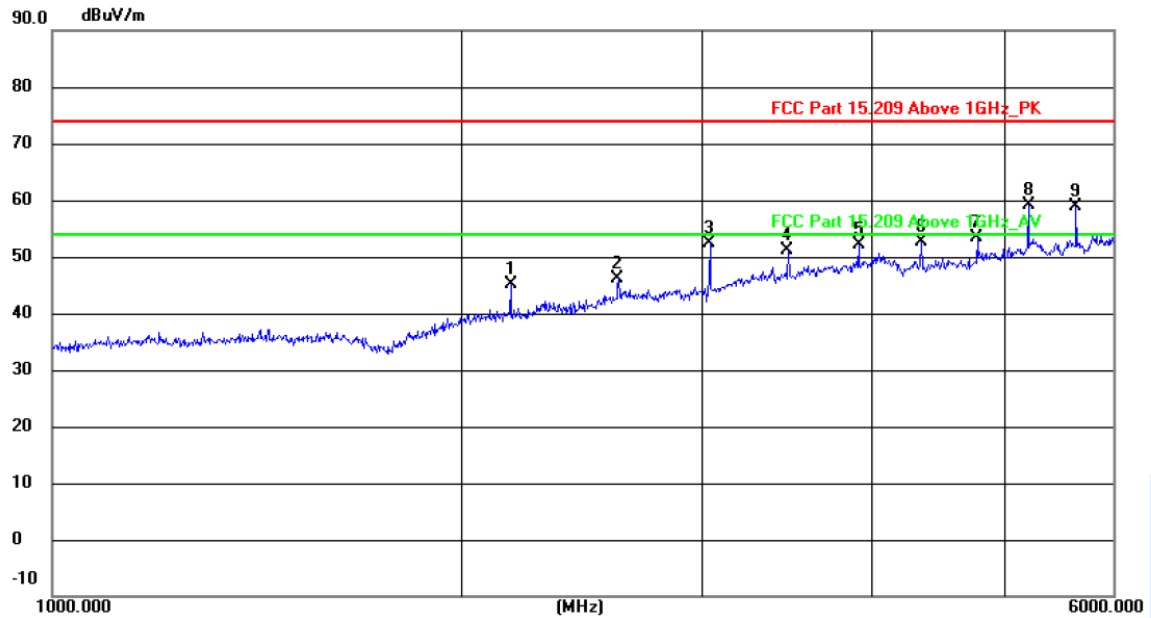
Product Name:	Smart Key	Model No.:	RT-TQ84F71
Test By:	Albers Liu	Test mode:	TM 1
Test Channel:	1 ~ 6 GHz	Polarization:	Vertical
Test Voltage:	DC 3V		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3037.063	70.24	-20.13	50.11	-----	-----	-----	-----
2	3471.549	69.76	-19.29	50.47	-----	-----	-----	-----
3	3904.716	72.42	-18.31	54.11	-----	-----	-----	-----
4 *	4340.107	76.87	-17.83	59.04	-----	-----	-----	-----
5	4773.530	73.55	-16.98	56.57	-----	-----	-----	-----
6	5206.909	71.31	-15.26	56.05	-----	-----	-----	-----
7	5641.600	73.61	-14.85	58.76	-----	-----	-----	-----

Remark: Level = Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	Smart Key	Model No.:	RT-TQ84F71
Test By:	Albers Liu	Test mode:	TM 1
Test Channel:	1 ~ 6 GHz	Polarization:	Horizontal
Test Voltage:	DC 3.85V		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2169.481	67.51	-22.36	45.15	----	----	----	----
2	2603.934	66.64	-20.46	46.18	----	----	----	----
3	3037.743	72.38	-20.12	52.26	----	----	----	----
4	3471.549	70.41	-19.29	51.12	----	----	----	----
5	3905.591	70.43	-18.30	52.13	----	----	----	----
6	4340.107	70.43	-17.83	52.60	----	----	----	----
7	4773.530	70.36	-16.98	53.38	----	----	----	----
8 *	5208.076	74.29	-15.26	59.03	----	----	----	----
9	5642.864	73.73	-14.86	58.87	----	----	----	----

Remark: Level = Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).

5.6 Duration Time

5.6.1 Limits

- (1) A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.
- (2) A transmitter activated automatically shall cease transmission within 5 seconds after activation.

5.6.2 Test Procedure

- a) The EUT antenna port is connected to the RF port of the spectrum analyzer via an RF cable.
- b) The EUT is set to operate in TM 2 mode as described in Section 4.1.
- c) Spectrum analyzer settings were as follows:
 - Span = 0
 - RBW = 1MHz
 - VBW = 1MHz
- d) Save the test data.

5.6.3 Test Setup

See setup 3 in section 4.4.

5.6.4 Test Instruments

Refer to section 3.7.

5.6.5 Test Results

Pass.

5.6.6 Test Data

Measurement monitoring	Result
The EUT automatically deactivate the transmitter within 5 seconds of switch being released.	Pass

Test plot as follows:

