

Test Report

Report No. : MTi250731008-0105E4
Date of issue : 2025-12-17
Applicant : Shenzhen Foresight Technology Co.,Ltd.
Product : Streamer
Model(s) : S3, S3 Lite, S3 pro, S3 Ultra, S5, S5 lite, S5 pro,
S5 Ultra, ST300, ST500

Shenzhen Microtest Co., Ltd.

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Test Result Certification

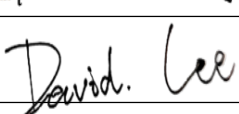
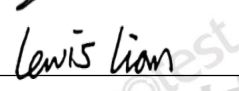
Applicant	Shenzhen Foresight Technology Co.,Ltd.
Applicant Address	301, No.9, Xinpaili Industrial Park, Xinshi Community, Dalang Street, Longhua District, Shenzhen, China
Manufacturer	Shenzhen Foresight Technology Co.,Ltd.
Manufacturer Address	301, No.9, Xinpaili Industrial Park, Xinshi Community, Dalang Street, Longhua District, Shenzhen, China

Product description

Product name	Streamer
Trademark	N/A
Model name	S3
Series Model(s)	S3 Lite, S3 pro, S3 Ultra, S5, S5 lite, S5 pro, S5 Ultra, ST300, ST500
Standards	Article 2-1, Item 19-3-MIC Notice No. 88 Appendix No. 45

Testing Information

Date of test	2025-11-21 to 2025-11-15
Test result	Pass

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1 General Description

1.1 Description of the EUT

Product name:	Streamer
Model name:	S3
Series Model(s):	S3 Lite, S3 pro, S3 Ultra, S5, S5 lite, S5 pro, S5 Ultra, ST300, ST500
Model difference:	All the models are the same circuit and module, except the model name.
Electrical rating:	Input: DC 12V, 1.5A
Accessories:	Adaptor: Model: DYS818-120150W-1 Input: AC 100-240V, 50/60Hz, 0.5A Max Output: DC12V, 1.5A Cable: Optical cable*1 Bluetooth Remote*1
Hardware version:	V1.0
Software version:	StreamSDK 0.0.149.0x6536814
Test sample(s) number:	MTi250731008-01-R004, MTi250731008-01-R003
RF specification	
Operating frequency range:	U-NII-1: 5150 MHz to 5250 MHz U-NII-2A: 5250 MHz to 5350 MHz U-NII-2C: 5470 MHz to 5725 MHz
Modulation type:	802.11a: OFDM(BPSK, QPSK, 16QAM, 64QAM); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM); 802.11ax: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM);
TPC Function:	Not supported
MIMO mode:	Not supported
DFS Operational mode:	Slave without radar Interference detection function
Antenna(s) type:	FPC Antenna
Antenna(s) gain:	Ant1: 2.8dBi; Ant2: 2.8dBi

1.2 Description of test modes

No.	Emission test modes
Mode1	802.11a(Ant1)
Mode2	802.11N20(Ant1)
Mode3	802.11N40(Ant1)
Mode4	802.11AC20(Ant1)
Mode5	802.11AC40(Ant1)

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Mode6	802.11AC80(Ant1)
Mode7	802.11AX20(Ant1)
Mode8	802.11AX40(Ant1)
Mode9	802.11AX80(Ant1)
Mode10	802.11a(Ant2)
Mode11	802.11N20(Ant2)
Mode12	802.11N40(Ant2)
Mode13	802.11AC20(Ant2)
Mode14	802.11AC40(Ant2)
Mode15	802.11AC80(Ant2)
Mode16	802.11AX20(Ant2)
Mode17	802.11AX40(Ant2)
Mode18	802.11AX80(Ant2)
Mode19	unmodulated carrier
Mode20	RX(Ant1)
Mode21	RX(Ant2)

Note1: 802.11ax only supports FULL RU.

1.2.1 Operation channel list

U-NII Band 1

Bandwidth:	20MHz	Bandwidth:	40MHz	Bandwidth:	80MHz
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	/	/
44	5220	/	/	/	/
48	5240	/	/	/	/

U-NII Band 2A

Bandwidth:	20MHz	Bandwidth:	40MHz	Bandwidth:	80MHz
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310	/	/
60	5300	/	/	/	/
64	5320	/	/	/	/

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U-NII Band 2C

Bandwidth:	20MHz	Bandwidth:	40MHz	Bandwidth:	80MHz
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590	/	/
112	5560	126	5630	/	/
116	5580	134	5670	/	/
120	5600	/	/	/	/
124	5620	/	/	/	/
128	5640	/	/	/	/
132	5660	/	/	/	/
136	5680	/	/	/	/
140	5700	/	/	/	/

Test Channel List

U-NII-1

Bandwidth (MHz)	Lowest Channel (LCH) (MHz)	Middle Channel (MCH) (MHz)	Highest Channel (HCH) (MHz)
20	5180	5200	5240
40	5190	5230	/
80	5210	/	/

U-NII-2A

Bandwidth (MHz)	Lowest Channel (LCH) (MHz)	Middle Channel (MCH) (MHz)	Highest Channel (HCH) (MHz)
20	5260	5300	5320
40	5270	5310	/
80	5290	/	/

U-NII-2C

Bandwidth (MHz)	Lowest Channel (LCH) (MHz)	Middle Channel (MCH) (MHz)	Highest Channel (HCH) (MHz)
20	5500	5600	5700
40	5510	5550	5670
80	5530	5610	5690

Note: The test software provided by manufacturer is used to control EUT for working in engineering mode, that enables selectable channel, and capable of continuous transmitting mode.

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Test Software: SecureCRT

For power setting, refer to below table.

U-NII-1:**ANT1:**

Mode	LCH	MCH	HCH
802.11a	12	12	12
802.11n20	12	12	12
802.11n40	12	12	12
802.11ac20	12	12	12
802.11ac40	12	12	12
802.11ac80	12	12	12
802.11ax20	10	10	10
802.11ax40	12	12	12
802.11ax80	12	12	12

ANT2:

Mode	LCH	MCH	HCH
802.11a	12	12	12
802.11n20	12	12	12
802.11n40	12	12	12
802.11ac20	12	12	12
802.11ac40	12	12	12
802.11ac80	12	12	12
802.11ax20	10	10	10
802.11ax40	12	12	12
802.11ax80	12	12	12

U-NII-2A:**ANT1:**

Mode	LCH	MCH	HCH
802.11a	12	12	12
802.11n20	12	12	12
802.11n40	12	12	12
802.11ac20	12	12	12
802.11ac40	12	12	12
802.11ac80	12	12	12

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802.11ax20	10	10	10
802.11ax40	12	12	12
802.11ax80	12	12	12

ANT2:

Mode	LCH	MCH	HCH
802.11a	12	12	12
802.11n20	12	12	12
802.11n40	12	12	12
802.11ac20	12	12	12
802.11ac40	12	12	12
802.11ac80	12	12	12
802.11ax20	10	10	10
802.11ax40	12	12	12
802.11ax80	12	12	12

U-NII-2C:

ANT1:

Mode	LCH	MCH	HCH
802.11a	12	12	12
802.11n20	12	12	12
802.11n40	12	12	12
802.11ac20	12	12	12
802.11ac40	12	12	12
802.11ac80	12	12	12
802.11ax20	10	10	10
802.11ax40	12	12	12
802.11ax80	12	12	12

ANT2:

Mode	LCH	MCH	HCH
802.11a	12	12	12
802.11n20	12	12	12
802.11n40	12	12	12
802.11ac20	12	12	12

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802.11ac40	12	12	12
802.11ac80	12	12	12
802.11ax20	10	10	10
802.11ax40	12	12	12
802.11ax80	12	12	12

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1.3 Environmental Conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15°C ~ 35°C
Humidity:	20% RH ~ 75% RH
Atmospheric pressure:	98 kPa ~ 101 kPa

ENV	Temperature (°C)
HTNV	45
NTNV	25
LTNV	0

Test Conditions		Power Supply (VDC)	Input Voltage to the circuit of RF unit (VDC)
NTNV (V_{normal})	/	12	3.3
NTHV ($V_{\text{max.}}$)	+10%	13.2	3.3
NTLV ($V_{\text{min.}}$)	-10%	10.8	3.3

Note: If the fluctuation of input voltage to the circuit of RF unit (except power supply) of test equipment is under $\pm 1\%$, when input voltage from external power supply to the test equipment is fluctuated by $\pm 10\%$: conduct the test with the rated voltage only

1.4 Description of support units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Support equipment list

Description	Model	Serial No.	Manufacturer
Laptop	e485	/	Lenovo

Support cable list

Description	Length (m)	From	To
/	/	/	/

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1.5 Measurement uncertainty

Parameter	Measurement uncertainty
Frequency tolerance	± 10 ppm
Occupied channel bandwidth	± 3 %
RF output power, conducted	± 1 dB
Power Spectral Density, conducted	± 1 dB
Unwanted Emissions, conducted	± 1 dB
All emissions, radiated	± 4.7 dB
Temperature	± 1 °C
Supply voltages	± 1 %
Time	± 1 %

Note: the measurement uncertainty is calculated and correspond to a factor $k=2$ (which provide confidence levels of 95.45%)

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2 Summary of Test Result

No.	Item	Standard	Requirement	Result
1	Tolerance of Frequency	Article 2-1, Item 19-3-MIC Notice No. 88 Appendix No. 45	Article 2-1, Item 19-3	Pass
2	Occupied Bandwidth (99%)	Article 2-1, Item 19-3-MIC Notice No. 88 Appendix No. 45	Article 2-1, Item 19-3	Pass
3	Antenna Power and Tolerance	Article 2-1, Item 19-3-MIC Notice No. 88 Appendix No. 45	Article 2-1, Item 19-3	Pass
4	E.I.R.P	Article 2-1, Item 19-3-MIC Notice No. 88 Appendix No. 45	Article 2-1, Item 19-3	Pass
5	Out of Band Emission	Article 2-1, Item 19-3-MIC Notice No. 88 Appendix No. 45	Article 2-1, Item 19-3	Pass
6	Adjacent Channel Emitted Power	Article 2-1, Item 19-3-MIC Notice No. 88 Appendix No. 45	Article 2-1, Item 19-3	Pass
7	Spurious Emission Intensity	Article 2-1, Item 19-3-MIC Notice No. 88 Appendix No. 45	Article 2-1, Item 19-3	Pass
8	Secondary Radiated Emissions	Article 2-1, Item 19-3-MIC Notice No. 88 Appendix No. 45	Article 2-1, Item 19-3	Pass
9	Carrier Sensing 1	Article 2-1, Item 19-3-MIC Notice No. 88 Appendix No. 45	Article 2-1, Item 19-3	Pass
10	Interference Prevention Function	Article 2-1, Item 19-3-MIC Notice No. 88 Appendix No. 45	Article 2-1, Item 19-3	Pass
11	DFS Detection Thresholds	Article 2-1, Item 19-3-MIC Notice No. 88 Appendix No. 45	Article 2-1, Item 19-3	Pass*
12	Transmission Burst Length	Article 2-1, Item 19-3-MIC Notice No. 88 Appendix No. 45	Article 2-1, Item 19-3	Pass
13	RF Accessibility	Article 2-1, Item 19-3-MIC Notice No. 88 Appendix No. 45	Article 49-20, paragraph 1(a)	Pass

*Note: Because it's a slave device, it's controlled by the master, slave device without radar Interference detection function, So there is no need to do DFS Detection Thresholds project testing.

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3 Test Facilities and accreditations

3.1 Test laboratory

Test laboratory:	Shenzhen Microtest Co., Ltd.
Test site location:	101, No.7, Zone 2, Xinxing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
Telephone:	(86-755)88850135
Fax:	(86-755)88850136
CNAS Registration No.:	CNAS L5868
FCC Registration No.:	448573
IC Registration No.:	21760
CABID:	CN0093

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4 List of test equipment

No.	Equipment	Manufacturer	Model	Serial No.	Cal. date	Cal. Due	Calibration method
Antenna Power and Tolerance E.I.R.P Out of Band Emission Spurious Emission Intensity Secondary Radiated Emissions DFS Detection Thresholds Tolerance of Frequency Occupied Bandwidth (99%) Adjacent Channel Emitted Power Carrier Sensing 1 Interference Prevention Function Transmission Burst Length							
1	Wideband Radio Communication Tester	Rohde&schwarz	CMW500	149155	2025-03-18	2026-03-17	C
2	ESG Series Analog Ssignal Generator	Agilent	E4421B	GB40051240	2025-03-14	2026-03-13	C
3	PXA Signal Analyzer	Agilent	N9030A	MY51350296	2025-03-14	2026-03-13	C
4	Synthesized Sweeper	Agilent	83752A	3610A01957	2025-03-14	2026-03-13	C
5	MXA Signal Analyzer	Agilent	N9020A	MY50143483	2025-03-14	2026-03-13	C
6	RF Control Unit	Tonscend	JS0806-1	19D8060152	2025-03-18	2026-03-17	C
7	Band Reject Filter Group	Tonscend	JS0806-F	19D8060160	2025-03-14	2026-03-13	C
8	ESG Vector Signal Generator	Agilent	N5182A	MY50143762	2025-03-14	2026-03-13	C
9	DC Power Supply	Agilent	E3632A	MY40027695	2025-03-18	2026-03-17	C
10	RF Test System	Tonscend	JS1120-3 Test System Ver. V3.5.39	/	/	/	C

Remark:

(a) Calibration conducted by the National institute of information and Communications Technology (NICT) in Japan (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1) in JRL.

(b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Act (Act No. 51 of 1992).

(c) Calibration conducted in countries except Japan, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).

(d) Calibration, etc, conducted by using measuring instruments and other equipment listed in the right column of appended table No. 3, which shall have been given any type of calibration, etc. listed above from (a) to (c)

From JRL Article 24-2, paragraph 4, Item 2

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5 Evaluation Results (Evaluation)

5.1 Interference Prevention Function

Test Requirement:	The EUT shall support one of the following functions: - Automatic identification transmission - Automatic identification reception
Test Method:	Notification No.88 of MIC, 2004
Procedure:	(1) For EUTs capable of automatically transmitting identification data a. Transmit identification data from EUT to Demodulator b. Confirm identification data is correctly received by Demodulator (2) For EUTs capable of automatically receiving identification data a. Transmit identification data from Link Partner to EUT b. Confirm communication link is established c. Link Partner shall respond by transmitting different identification data back to the EUT d. Confirm EUT stops transmitting, or confirm EUT recognizes that the two identification data are different

5.1.1 Conclusion:

The detected ID of the device is below: 50:1E:2D:95:1D:88

Test result: The device meet the requirements
PASS

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5.2 RF Accessibility

Test Requirement:

The EUT shall be constructed in such a way that sensitive RF parts, (like modulation and oscillator parts) cannot be reached easily by the user. These parts shall be covered by soldered metal caps or glue or by other mechanical covers. If the covers are fixed with screws, these shall be not the common type(s) like a Phillips, but special versions like Torx, so that the user cannot open the device with common tools.

5.2.1 Conclusion:

Tamper proof declaration:

- ☐ Sealed with special screws.
- ☐ Plastic chassis is being welded using ultrasonic waves.
- ☐ Chassis is glued using a special adhesive
- ☐ Metal covers are spot-fused.
- ☐ Cover is specially interlocked.
- ☒ RF and modulation components are covered with shielding case and this shielding case is soldered.
- ☐ Shielded case is welded at RF and modulation parts, and ID-ROM is welded using the BGA method.
- ☐ Shield case is welded at RF and modulation parts, and ID-ROM is glued at its lead with a special adhesive.
- ☐ Shield case is welded at RF and modulation parts, and ID-ROM is glued with a non-transparent laminating agent.
- ☐ RF and Modulation parts are mounted on PCB with surface mount technology, and there is no any adjustable parts on PCB or adjustable parts are not exposed.

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6 Radio Spectrum Matter Test Results (RF)

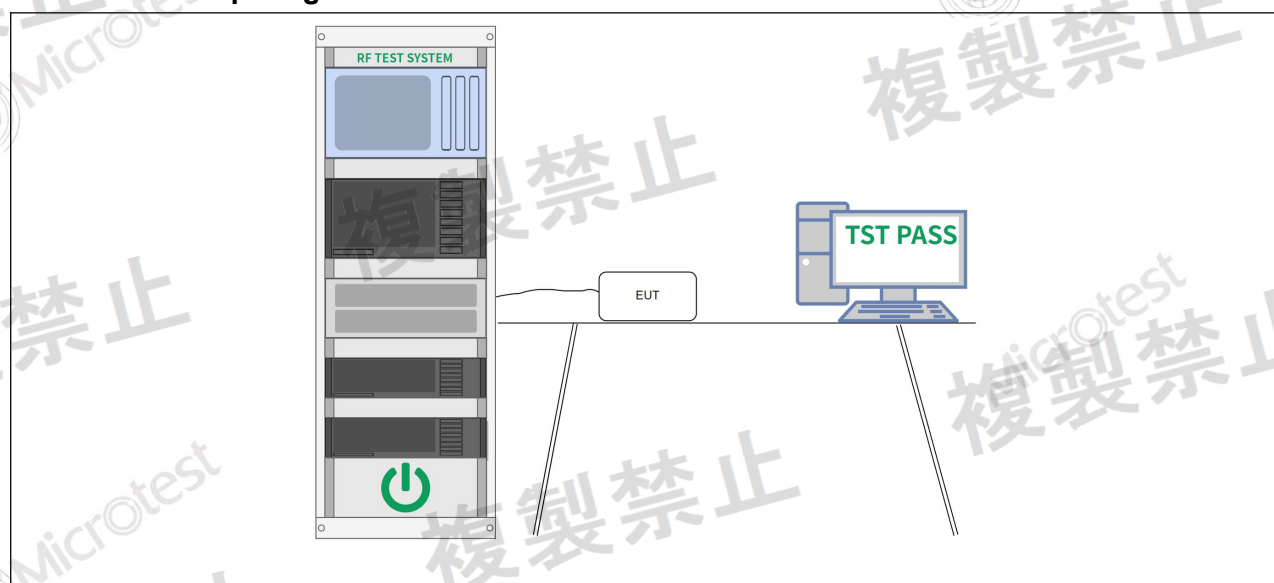
6.1 Tolerance of Frequency

Test Requirement:	Article 2-1, Item 19-3		
Test Limit:	± 20ppm		
Test Method:	Center frequency:	Test frequency	
	Span:	1 MHz	
	RBW:	10 kHz	
	VBW:	10 kHz	
	Sweep data points:	1001 or greater	
	Sweep time:	Auto	
	Detector mode:	Positive peak	
	Indication mode:	Max hold	
Procedure:	(1) Find the peak carrier signal and measure its frequency (2) For multiple antenna systems each antenna shall be measured (3) For an EUT with multiple antennas it is permissible to test a single antenna only, provided all the antenna measurement values are expected to be same for either of the following reasons: a) The frequency of all antenna transmissions are phase-synchronized to a common (fundamental) oscillator b) The antenna transmissions share a common clock signal		

6.1.1 E.U.T. Operation:

Operating Environment:					
Temperature:	28.3 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
Pre test mode:	Mode19				
Final test mode:	Mode19				

6.1.2 Test Setup Diagram:



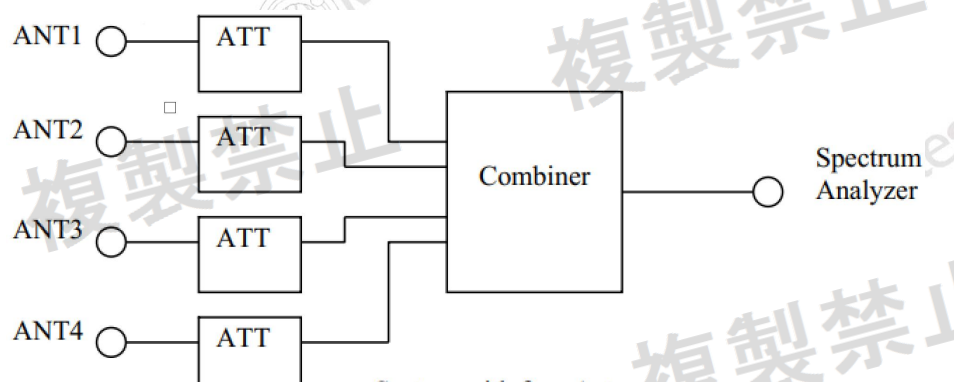
6.1.3 Test Data:

Please Refer to Appendix for Details.

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6.2 Occupied Bandwidth (99%)

Test Requirement:	Article 2-1, Item 19-3		
Test Limit:	DSSS: 18MHz OFDM:20/40/80/160MHz		
Test Method:	[Occupied Bandwidth (99%)]		
	Center Frequency:	Test frequency	
	Span:	2 – 3.5 times the technical standard	
	RBW:	Within 3% of the technical standard	
	VBW:	Same as RBW	
	Sweep time:	Auto	
	Sweep data points:	1001 or greater	
	Detector mode:	Positive peak	
	Indication mode:	Max hold	
	BW setting:	99%	
Procedure:	(1) Measure the signal bandwidth using a spectrum analyzer		
	(2) For multiple antenna systems: a) Each antenna shall be individually measured b) If the measured occupied bandwidth for any antenna exceeds [(Occupied Bandwidth Limit) – 100kHz] then, in addition, the occupied bandwidth shall be measured with all antennas combined – see diagram below:		
 System with four Antennas			

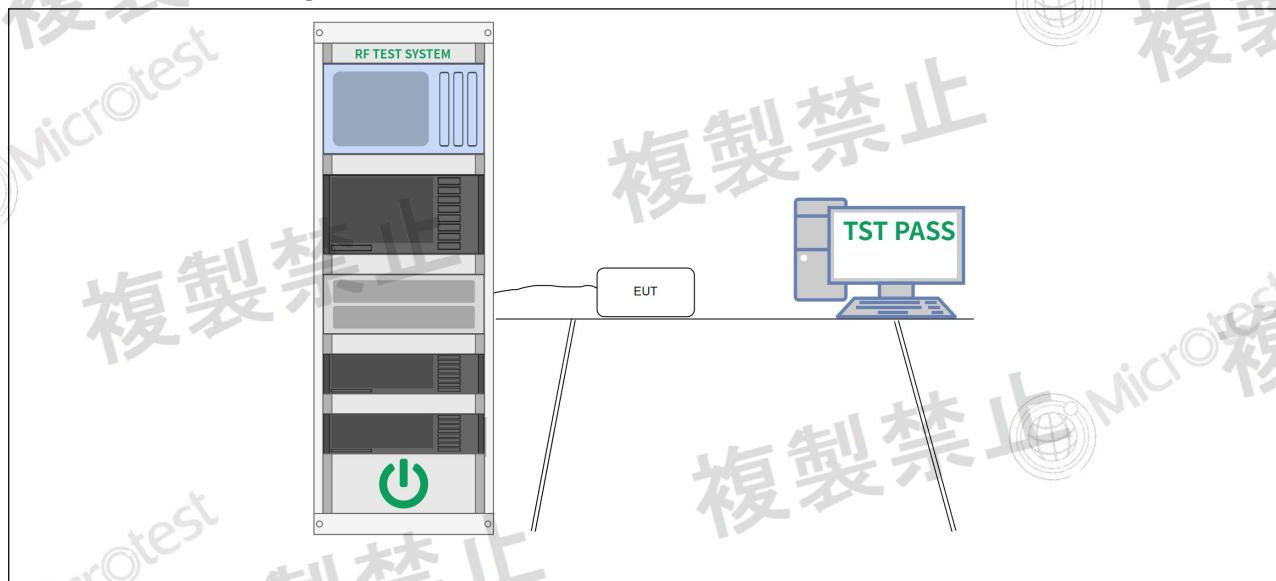
6.2.1 E.U.T. Operation:

Operating Environment:					
Temperature:	28.3 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode17, Mode18				
Final test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode17, Mode18				

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6.2.2 Test Setup Diagram:



6.2.3 Test Data:

Please Refer to Appendix for Details.

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6.3 Antenna Power and Tolerance

Test Requirement:	Article 2-1, Item 19-3	
Test Limit:	10 mW/MHz or less for DSSS and OFDM 20MHz Bandwidth; 5mW/MHz or less for OFDM 40MHz Bandwidth; 2.5mW/MHz or less for OFDM 80MHz Bandwidth; 1.25mW/MHz or less for OFDM 80+80MHz or 160MHz Bandwidth; Antenna power tolerance: -80% ~ +20% for 5150~5250MHz and 5250~5350MHz; -50% ~ +50% for 5470~5725MHz;	
Test Method:	[Setting 1] – Search for peak power frequency	
	Center Frequency:	Test frequency
	Span:	Approximately twice the occupied bandwidth
	RBW:	1MHz
	VBW:	Approximately three times the RBW
	Sweep time:	Auto
	Sweep data points:	1001 or greater
	Detector mode:	Positive peak
	Indication mode:	Max hold
	[Setting 2] – Measurement of average antenna power for FHSS, DSSS, OFDM	
	Frequency:	Frequency of peak power found using [Setting 1]
	Span:	0 Hz
	RBW:	3 MHz (FHSS in 7.4.1.1) 1MHz (DSSS, OFDM, FHSS in 7.4.1.2)
	Detector mode:	Sample
	Sweep:	Minimum time required to make an accurate measurement.
		For burst type (intermittent) transmission sweep time shall be greater than one burst interval
	Sweep data points:	1001 or greater
	[Setting 3] – Measurement of average antenna power other than for FHSS, DSSS, OFDM	
	Frequency:	Frequency of peak power found using [Setting 1]
	Span:	0 Hz
	RBW:	Bandwidth sufficient to cover that occupied by the carrier
	VBW:	Bandwidth sufficient to cover that occupied by the carrier
	Detector mode:	Sample
	Sweep:	Minimum time required to make an accurate measurement.
		For burst type (intermittent) transmission sweep time shall be greater than one burst interval

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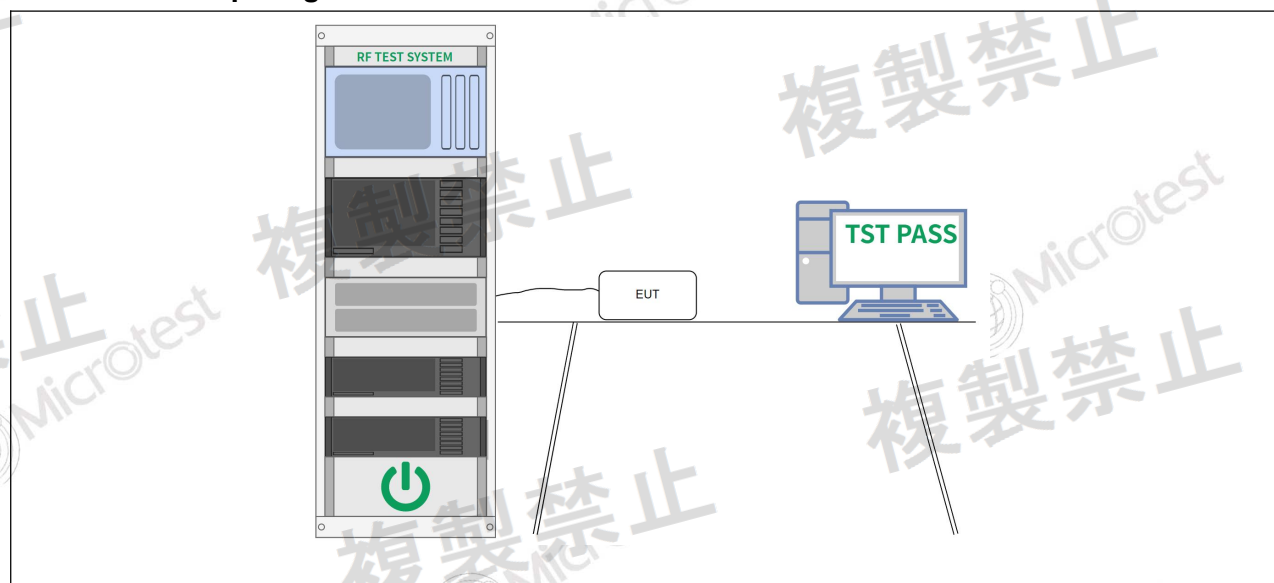
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	Sweep data points:	1001 or greater
Procedure:	(1) After configuring the spectrum analyzer to [Setting 1], find the frequency of maximum transmitted power (2) After configuring the spectrum analyzer to [Setting 2], measure the Average Burst Power of the frequency found in (1) Antenna Power (W/MHz) = Average Burst Power (3) If the EUT has an 80+80MHz bandwidth system then antenna power shall be measured separately, on each channel, but with both 80MHz transmitters simultaneously enabled.	

6.3.1 E.U.T. Operation:

Operating Environment:					
Temperature:	28.3 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode17, Mode18				
Final test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode17, Mode18				

6.3.2 Test Setup Diagram:



6.3.3 Test Data:

Please Refer to Appendix for Details.

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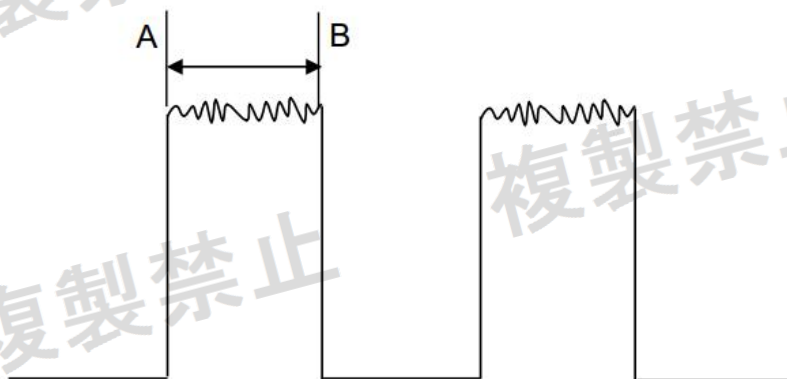
Report No.: MTi250731008-0105E4

6.4 E.I.R.P

Test Requirement:	Article 2-1, Item 19-3																																											
Test Limit:	5150~5250MHz: 10mW/MHz for DSS and OFDM 20MHz; 5mW/MHz for OFDM 40MHz; 2.5mW/MHz for OFDM 80MHz; 1.25mW/MHz for OFDM 80+80MHz and 160MHz; 5250~5350MHz with TPC: 10mW/MHz for DSS and OFDM 20MHz; 5mW/MHz for OFDM 40MHz; 2.5mW/MHz for OFDM 80MHz; 1.25mW/MHz for OFDM 80+80MHz and 160MHz; 5250~5350MHz without TPC: 5mW/MHz for DSS and OFDM 20MHz; 2.5mW/MHz for OFDM 40MHz; 1.25mW/MHz for OFDM 80MHz; 0.625mW/MHz for OFDM 80+80MHz and 160MHz; 5470~5725MHz with TPC: 50mW/MHz for DSS and OFDM 20MHz; 25mW/MHz for OFDM 40MHz; 12.5mW/MHz for OFDM 80MHz; 1.25mW/MHz for OFDM 80+80MHz; 6.25mW/MHz for and 160MHz; 5470~5725MHz without TPC: 25mW/MHz for DSS and OFDM 20MHz; 12.5mW/MHz for OFDM 40MHz; 6.25mW/MHz for OFDM 80MHz; 0.625mW/MHz for OFDM 80+80MHz; 3.125mW/MHz for and 160MHz;																																											
Test Method:	<table><tr><td colspan="2">[Setting 1] – Search for peak power frequency</td></tr><tr><td>Center Frequency:</td><td>Test frequency</td></tr><tr><td>Span:</td><td>Approximately twice the occupied bandwidth</td></tr><tr><td>RBW:</td><td>1MHz</td></tr><tr><td>VBW:</td><td>Approximately three times the RBW</td></tr><tr><td>Sweep time:</td><td>Auto</td></tr><tr><td>Sweep data points:</td><td>1001 or greater</td></tr><tr><td>Detector mode:</td><td>Positive peak</td></tr><tr><td>Indication mode:</td><td>Max hold</td></tr><tr><td colspan="2">[Setting 2] – Measurement of average antenna power for FHSS, DSSS, OFDM</td></tr><tr><td>Frequency:</td><td>Frequency of peak power found using [Setting 1]</td></tr><tr><td>Span:</td><td>0 Hz</td></tr><tr><td>RBW:</td><td>3 MHz (FHSS in 7.4.1.1) 1MHz (DSSS, OFDM, FHSS in 7.4.1.2)</td></tr><tr><td>Detector mode:</td><td>Sample</td></tr><tr><td>Sweep:</td><td>Minimum time required to make an accurate measurement.</td></tr><tr><td></td><td>For burst type (intermittent) transmission sweep time shall be greater than one burst interval</td></tr><tr><td>Sweep data points:</td><td>1001 or greater</td></tr><tr><td colspan="2">[Setting 3] – Measurement of average antenna power other than for FHSS, DSSS, OFDM</td></tr><tr><td>Frequency:</td><td>Frequency of peak power found using [Setting 1]</td></tr><tr><td>Span:</td><td>0 Hz</td></tr><tr><td>RBW:</td><td>Bandwidth sufficient to cover that occupied by the carrier</td></tr></table>		[Setting 1] – Search for peak power frequency		Center Frequency:	Test frequency	Span:	Approximately twice the occupied bandwidth	RBW:	1MHz	VBW:	Approximately three times the RBW	Sweep time:	Auto	Sweep data points:	1001 or greater	Detector mode:	Positive peak	Indication mode:	Max hold	[Setting 2] – Measurement of average antenna power for FHSS, DSSS, OFDM		Frequency:	Frequency of peak power found using [Setting 1]	Span:	0 Hz	RBW:	3 MHz (FHSS in 7.4.1.1) 1MHz (DSSS, OFDM, FHSS in 7.4.1.2)	Detector mode:	Sample	Sweep:	Minimum time required to make an accurate measurement.		For burst type (intermittent) transmission sweep time shall be greater than one burst interval	Sweep data points:	1001 or greater	[Setting 3] – Measurement of average antenna power other than for FHSS, DSSS, OFDM		Frequency:	Frequency of peak power found using [Setting 1]	Span:	0 Hz	RBW:	Bandwidth sufficient to cover that occupied by the carrier
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RBW:	Bandwidth sufficient to cover that occupied by the carrier																																											

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	VBW:	Bandwidth sufficient to cover that occupied by the carrier
	Detector mode:	Sample
	Sweep:	Minimum time required to make an accurate measurement.
		For burst type (intermittent) transmission sweep time shall be greater than one burst interval
	Sweep data points:	1001 or greater
Procedure: - A hopping transmission separation of 1MHz or less with a constant transmission interval - The transmission probability is equal for all hopping frequencies Procedure: (1) After configuring the spectrum analyzer to [Setting 1], find the frequency of maximum transmitted power (2) After configuring the spectrum analyzer to [Setting 2], measure the Average Burst Power of the frequency found in (1) Note: Measure the period A-B in the figure below:  Measurement of Average Burst Power (A to B) (3) Calculate Antenna Power using the following formula: $\text{Antenna Power (W/MHz)} = \text{Average Burst Power (W)} / \text{Spread Bandwidth (MHz)}$ [Note] Spread Bandwidth in the formula above is derived from the data collected in section 5 (Occupied Bandwidth (99%)) (4) If the EUT has multiple antennas then each antenna power output shall be measured individually – the sum of these individual measurements shall represent the power output value (1) After configuring the spectrum analyzer to [Setting 1], find the frequency of maximum transmitted power (2) After configuring the spectrum analyzer to [Setting 2], measure the Average Burst Power of the frequency found in (1) $\text{Antenna Power (W/MHz)} = \text{Average Burst Power}$		

6.4.1 E.U.T. Operation:

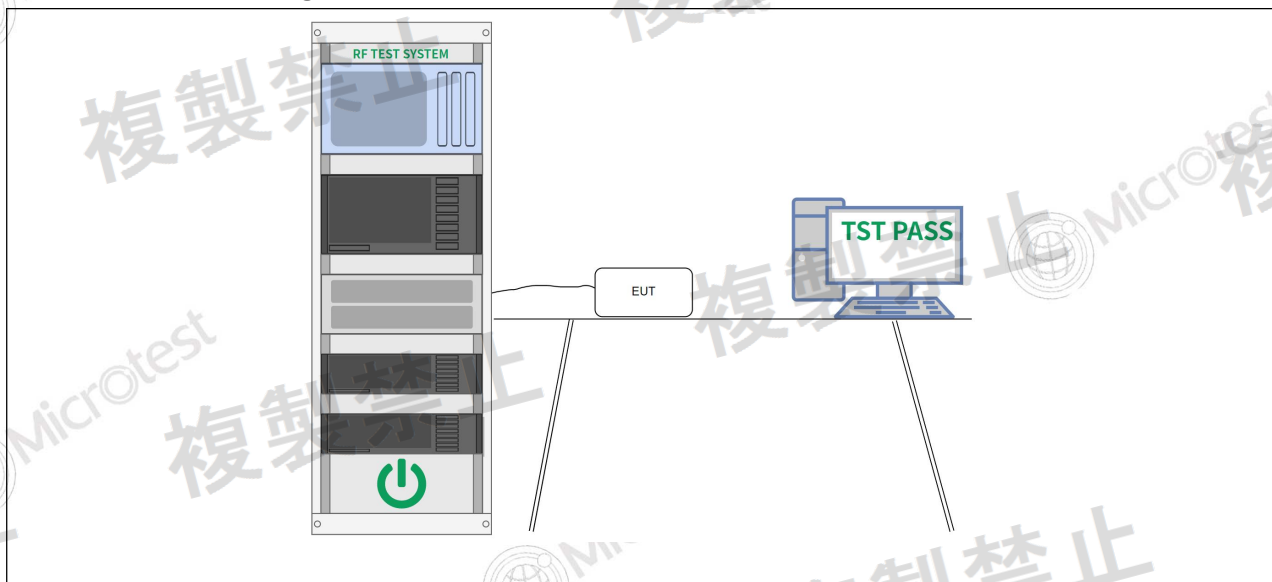
Operating Environment:					
Temperature:	28.3 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8,				

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	Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode17, Mode18
Final test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode17, Mode18

6.4.2 Test Setup Diagram:



6.4.3 Test Data:

Please Refer to Appendix for Details.

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6.5 Out of Band Emission

Test Requirement: Test Limit:	Article 2-1, Item 19-3																																									
	<table><tr><th colspan="2">20MHz system</th><th>40MHz system</th><th>80MHz system</th></tr><tr><td>OBW: 18MHz or less</td><td>OBW: 18 - 20 MHz</td><td></td><td></td></tr><tr><td>5.142 MHz or less : 2.5 μW/MHz</td><td>5.142 MHz or less : 2.5 μW/MHz</td><td>5.141.8 MHz or less : 2.5 μW/MHz</td><td>5.123.2 MHz or less : 2.5 μW/MHz</td></tr><tr><td>5.142 - 5.150 MHz : 15 μW/MHz</td><td>5.142 - 5.150 MHz : 15 μW/MHz</td><td>5.141.8 - 5.150 MHz : 15 μW/MHz</td><td>5.123.2 - 5.150 MHz : 15 μW/MHz</td></tr><tr><td>5.250 - 5.251 MHz : 10^{-12}~10^{-10}mW/MHz</td><td>5.250 - 5.251 MHz : 10^{-12}~10^{-10}mW/MHz</td><td>5.250 - 5.251 MHz : 10^{-12}~10^{-10}mW/MHz</td><td>5.250 - 5.251 MHz : 10^{-12}~10^{-10}mW/MHz</td></tr><tr><td>5.251 - 5.260 MHz : 10^{-11}~10^{-9}mW/MHz</td><td>5.251 - 5.260 MHz : 10^{-11}~10^{-9}mW/MHz</td><td>5.251 - 5.270 MHz : 10^{-11}~10^{-9}mW/MHz</td><td>5.251 - 5.260 MHz : 10^{-11}~10^{-9}mW/MHz</td></tr><tr><td>5.260 - 5.266.7 MHz : 10^{-10}~10^{-8}mW/MHz</td><td>5.260 - 5.266.7 MHz : 10^{-10}~10^{-8}mW/MHz</td><td>5.270 - 5.276.4 MHz : 10^{-10}~10^{-8}mW/MHz</td><td>5.260 - 5.266.7 MHz : 10^{-10}~10^{-8}mW/MHz</td></tr><tr><td>5.266.7 MHz or more : 2.5 μW/MHz</td><td>5.266.7 MHz or more : 2.5 μW/MHz</td><td>5.276.4 MHz or more : 2.5 μW/MHz</td><td>5.266.7 MHz or more : 2.5 μW/MHz</td></tr><tr><td>f = MHz, Difference from 5240 (MHz)</td><td>f = MHz, Difference from 5240 (MHz)</td><td>f = MHz, Difference from 5230 (MHz)</td><td>f = MHz, Difference from 5210 (MHz)</td></tr></table>				20MHz system		40MHz system	80MHz system	OBW: 18MHz or less	OBW: 18 - 20 MHz			5.142 MHz or less : 2.5 μ W/MHz	5.142 MHz or less : 2.5 μ W/MHz	5.141.8 MHz or less : 2.5 μ W/MHz	5.123.2 MHz or less : 2.5 μ W/MHz	5.142 - 5.150 MHz : 15 μ W/MHz	5.142 - 5.150 MHz : 15 μ W/MHz	5.141.8 - 5.150 MHz : 15 μ W/MHz	5.123.2 - 5.150 MHz : 15 μ W/MHz	5.250 - 5.251 MHz : 10^{-12} ~ 10^{-10} mW/MHz	5.250 - 5.251 MHz : 10^{-12} ~ 10^{-10} mW/MHz	5.250 - 5.251 MHz : 10^{-12} ~ 10^{-10} mW/MHz	5.250 - 5.251 MHz : 10^{-12} ~ 10^{-10} mW/MHz	5.251 - 5.260 MHz : 10^{-11} ~ 10^{-9} mW/MHz	5.251 - 5.260 MHz : 10^{-11} ~ 10^{-9} mW/MHz	5.251 - 5.270 MHz : 10^{-11} ~ 10^{-9} mW/MHz	5.251 - 5.260 MHz : 10^{-11} ~ 10^{-9} mW/MHz	5.260 - 5.266.7 MHz : 10^{-10} ~ 10^{-8} mW/MHz	5.260 - 5.266.7 MHz : 10^{-10} ~ 10^{-8} mW/MHz	5.270 - 5.276.4 MHz : 10^{-10} ~ 10^{-8} mW/MHz	5.260 - 5.266.7 MHz : 10^{-10} ~ 10^{-8} mW/MHz	5.266.7 MHz or more : 2.5 μ W/MHz	5.266.7 MHz or more : 2.5 μ W/MHz	5.276.4 MHz or more : 2.5 μ W/MHz	5.266.7 MHz or more : 2.5 μ W/MHz	f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5230 (MHz)	f = MHz, Difference from 5210 (MHz)		
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<table><tr><th colspan="2">20MHz system</th><th>40MHz system</th><th>80MHz system</th></tr><tr><td>OBW: 18MHz or less</td><td>OBW: 18 - 20 MHz</td><td></td><td></td></tr><tr><td>5.233.3 MHz or less : 2.5 μW/MHz</td><td>5.233.3 MHz or less : 2.5 μW/MHz</td><td>5.221.8 MHz or less : 2.5 μW/MHz</td><td>5.203.3 MHz or less : 2.5 μW/MHz</td></tr><tr><td>5.233.3 - 5.240 MHz : 10^{-10}~10^{-9}mW/MHz</td><td>5.233.3 - 5.240 MHz : 10^{-10}~10^{-9}mW/MHz</td><td>5.221.8 - 5.230 MHz : 10^{-10}~10^{-9}mW/MHz</td><td>5.203.3 - 5.210 MHz : 10^{-10}~10^{-9}mW/MHz</td></tr><tr><td>5.240 - 5.249 MHz : 10^{-9}~10^{-8}mW/MHz</td><td>5.240 - 5.249 MHz : 10^{-9}~10^{-8}mW/MHz</td><td>5.230 - 5.249 MHz : 10^{-9}~10^{-8}mW/MHz</td><td>5.210 - 5.240 MHz : 10^{-9}~10^{-8}mW/MHz</td></tr><tr><td>5.249 - 5.250 MHz : 10^{-8}~10^{-7}mW/MHz</td><td>5.249 - 5.250 MHz : 10^{-8}~10^{-7}mW/MHz</td><td>5.249 - 5.250 MHz : 10^{-8}~10^{-7}mW/MHz</td><td>5.249 - 5.250 MHz : 10^{-8}~10^{-7}mW/MHz</td></tr><tr><td>5.350 MHz or more : 2.5 μW/MHz</td><td>5.350 MHz or more : 2.5 μW/MHz</td><td>5.350 - 5.358.4 MHz : 15 μW/MHz</td><td>5.350 - 5.376.8 MHz : 15 μW/MHz</td></tr><tr><td>f = MHz, Difference from 5250 (MHz)</td><td>f = MHz, Difference from 5250 (MHz)</td><td>f = MHz, Difference from 5270 (MHz)</td><td>f = MHz, Difference from 5230 (MHz)</td></tr></table>				20MHz system		40MHz system	80MHz system	OBW: 18MHz or less	OBW: 18 - 20 MHz			5.233.3 MHz or less : 2.5 μ W/MHz	5.233.3 MHz or less : 2.5 μ W/MHz	5.221.8 MHz or less : 2.5 μ W/MHz	5.203.3 MHz or less : 2.5 μ W/MHz	5.233.3 - 5.240 MHz : 10^{-10} ~ 10^{-9} mW/MHz	5.233.3 - 5.240 MHz : 10^{-10} ~ 10^{-9} mW/MHz	5.221.8 - 5.230 MHz : 10^{-10} ~ 10^{-9} mW/MHz	5.203.3 - 5.210 MHz : 10^{-10} ~ 10^{-9} mW/MHz	5.240 - 5.249 MHz : 10^{-9} ~ 10^{-8} mW/MHz	5.240 - 5.249 MHz : 10^{-9} ~ 10^{-8} mW/MHz	5.230 - 5.249 MHz : 10^{-9} ~ 10^{-8} mW/MHz	5.210 - 5.240 MHz : 10^{-9} ~ 10^{-8} mW/MHz	5.249 - 5.250 MHz : 10^{-8} ~ 10^{-7} mW/MHz	5.249 - 5.250 MHz : 10^{-8} ~ 10^{-7} mW/MHz	5.249 - 5.250 MHz : 10^{-8} ~ 10^{-7} mW/MHz	5.249 - 5.250 MHz : 10^{-8} ~ 10^{-7} mW/MHz	5.350 MHz or more : 2.5 μ W/MHz	5.350 MHz or more : 2.5 μ W/MHz	5.350 - 5.358.4 MHz : 15 μ W/MHz	5.350 - 5.376.8 MHz : 15 μ W/MHz	f = MHz, Difference from 5250 (MHz)	f = MHz, Difference from 5250 (MHz)	f = MHz, Difference from 5270 (MHz)	f = MHz, Difference from 5230 (MHz)							
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5.240 - 5.249 MHz : 10^{-9} ~ 10^{-8} mW/MHz	5.240 - 5.249 MHz : 10^{-9} ~ 10^{-8} mW/MHz	5.230 - 5.249 MHz : 10^{-9} ~ 10^{-8} mW/MHz	5.210 - 5.240 MHz : 10^{-9} ~ 10^{-8} mW/MHz																																							
5.249 - 5.250 MHz : 10^{-8} ~ 10^{-7} mW/MHz	5.249 - 5.250 MHz : 10^{-8} ~ 10^{-7} mW/MHz	5.249 - 5.250 MHz : 10^{-8} ~ 10^{-7} mW/MHz	5.249 - 5.250 MHz : 10^{-8} ~ 10^{-7} mW/MHz																																							
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<table><tr><th colspan="2">20MHz system</th><th>40MHz system</th><th>80MHz system</th></tr><tr><td>DSSS, etc.</td><td>OFDM</td><td></td><td></td></tr><tr><td>5.470 MHz or less : 12.5 μW/MHz</td><td>5.460 MHz or less : 2.5 μW/MHz</td><td>5.460 MHz or less : 12.5 μW/MHz</td><td>5.460 MHz or less : 12.5 μW/MHz</td></tr><tr><td>5.470 - 5.470 MHz : 12.5 μW/MHz</td><td>5.460 - 5.470 MHz : 12.5 μW/MHz</td><td>5.460 - 5.470 MHz : 50 μW/MHz</td><td>5.460 - 5.469.5 MHz : 50 μW/MHz</td></tr><tr><td>5.730 MHz or more : 12.5 μW/MHz</td><td>5.745 - 5.765 MHz : 12.5 μW/MHz</td><td>5.770 MHz or more : 12.5 μW/MHz</td><td>5.469.5 - 5.470 MHz : 51.2 μW/MHz</td></tr><tr><td></td><td>Over 5.765 MHz : 2.5 μW/MHz</td><td></td><td>5.770 MHz or more : 12.5 μW/MHz</td></tr></table>				20MHz system		40MHz system	80MHz system	DSSS, etc.	OFDM			5.470 MHz or less : 12.5 μ W/MHz	5.460 MHz or less : 2.5 μ W/MHz	5.460 MHz or less : 12.5 μ W/MHz	5.460 MHz or less : 12.5 μ W/MHz	5.470 - 5.470 MHz : 12.5 μ W/MHz	5.460 - 5.470 MHz : 12.5 μ W/MHz	5.460 - 5.470 MHz : 50 μ W/MHz	5.460 - 5.469.5 MHz : 50 μ W/MHz	5.730 MHz or more : 12.5 μ W/MHz	5.745 - 5.765 MHz : 12.5 μ W/MHz	5.770 MHz or more : 12.5 μ W/MHz	5.469.5 - 5.470 MHz : 51.2 μ W/MHz		Over 5.765 MHz : 2.5 μ W/MHz		5.770 MHz or more : 12.5 μ W/MHz															
20MHz system		40MHz system	80MHz system																																							
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5.470 MHz or less : 12.5 μ W/MHz	5.460 MHz or less : 2.5 μ W/MHz	5.460 MHz or less : 12.5 μ W/MHz	5.460 MHz or less : 12.5 μ W/MHz																																							
5.470 - 5.470 MHz : 12.5 μ W/MHz	5.460 - 5.470 MHz : 12.5 μ W/MHz	5.460 - 5.470 MHz : 50 μ W/MHz	5.460 - 5.469.5 MHz : 50 μ W/MHz																																							
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<table><tr><th>W52 + W53</th><th>W56</th><td rowspan="2">* A rated value is defined by the E.I.R.P. . * Measurement range: 30MHz to 26GHz</td></tr><tr><th colspan="2">160MHz system</th></tr><tr><td>5.099.6 MHz or less : 2.5 μW/MHz</td><td>5.419.6 MHz or less : 12.5 μW/MHz</td></tr><tr><td>5.099.6 - 5.150 MHz : 15 μW/MHz</td><td>5.419.6 - 5.470 MHz : 50 μW/MHz</td></tr><tr><td>5.350 - 5.400.4 MHz : 15 μW/MHz</td><td>5.725 MHz or more : 12.5 μW/MHz</td></tr><tr><td>5.400.4 MHz or more : 2.5 μW/MHz</td><td></td></tr></table>				W52 + W53	W56	* A rated value is defined by the E.I.R.P. . * Measurement range: 30MHz to 26GHz	160MHz system		5.099.6 MHz or less : 2.5 μ W/MHz	5.419.6 MHz or less : 12.5 μ W/MHz	5.099.6 - 5.150 MHz : 15 μ W/MHz	5.419.6 - 5.470 MHz : 50 μ W/MHz	5.350 - 5.400.4 MHz : 15 μ W/MHz	5.725 MHz or more : 12.5 μ W/MHz	5.400.4 MHz or more : 2.5 μ W/MHz																											
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5.350 - 5.400.4 MHz : 15 μ W/MHz	5.725 MHz or more : 12.5 μ W/MHz																																									
5.400.4 MHz or more : 2.5 μ W/MHz																																										
<table><tr><th>5.21GHz & (5.53GHz, 5.61GHz or 5.69GHz)</th><th>5.290GHz & (5.53GHz, 5.61GHz or 5.69GHz)</th><th>5.53GHz & 5.69GHz</th></tr><tr><td colspan="3">80MHz + 80MHz system (Not adjacent radio)</td></tr><tr><td>5.134.8 MHz or less : 2.5 μW/MHz</td><td>5.214.8 MHz or less : 2.5 μW/MHz</td><td>5.419.6 MHz or less : 12.5 μW/MHz</td></tr><tr><td>5.134.8 - 5.150 MHz : 162.5 μW/MHz</td><td>5.214.8 - 5.249 MHz : 10^{-10}~10^{-9}mW/MHz</td><td>5.419.6 - 5.470 MHz : 50 μW/MHz</td></tr><tr><td>5.250 - 5.251 MHz : 10^{-12}~10^{-10}mW/MHz</td><td>5.249 - 5.250 MHz : 10^{-12}~10^{-11}mW/MHz</td><td>5.770 MHz or more : 15 μW/MHz</td></tr><tr><td>5.251 - 5.265.2 MHz : 10^{-10}~10^{-8}mW/MHz</td><td>5.350 - 5.365.2 MHz : 15 μW/MHz</td><td></td></tr><tr><td>5.265.2 - 5.370 MHz : 2.5 μW/MHz</td><td>5.365.2 - 5.410 MHz : 2.5 μW/MHz</td><td></td></tr><tr><td>5.370 - 5.454.8 MHz : simultaneous with a 5.0GHz band high-power radio station : 12.5 μW/MHz</td><td>5.410 - 5.454.8 MHz : 2.5 μW/MHz</td><td></td></tr><tr><td>5.454.8 - 5.470 MHz : simultaneous with a 5.0GHz band high-power radio station : 50 μW/MHz</td><td>5.454.8 - 5.470 MHz : 15 μW/MHz</td><td></td></tr><tr><td>5.730 MHz or more : 15 μW/MHz</td><td>5.730 MHz or more : 15 μW/MHz</td><td></td></tr><tr><td>(*)When used 5680MHz</td><td>(*)When used 5680MHz</td><td></td></tr><tr><td>5.770 MHz or more : 15 μW/MHz</td><td>5.770 MHz or more : 15 μW/MHz</td><td></td></tr><tr><td>f = MHz, Difference from 5210 (MHz)</td><td>f = MHz, Difference from 5200 (MHz)</td><td></td></tr></table>				5.21GHz & (5.53GHz, 5.61GHz or 5.69GHz)	5.290GHz & (5.53GHz, 5.61GHz or 5.69GHz)	5.53GHz & 5.69GHz	80MHz + 80MHz system (Not adjacent radio)			5.134.8 MHz or less : 2.5 μ W/MHz	5.214.8 MHz or less : 2.5 μ W/MHz	5.419.6 MHz or less : 12.5 μ W/MHz	5.134.8 - 5.150 MHz : 162.5 μ W/MHz	5.214.8 - 5.249 MHz : 10^{-10} ~ 10^{-9} mW/MHz	5.419.6 - 5.470 MHz : 50 μ W/MHz	5.250 - 5.251 MHz : 10^{-12} ~ 10^{-10} mW/MHz	5.249 - 5.250 MHz : 10^{-12} ~ 10^{-11} mW/MHz	5.770 MHz or more : 15 μ W/MHz	5.251 - 5.265.2 MHz : 10^{-10} ~ 10^{-8} mW/MHz	5.350 - 5.365.2 MHz : 15 μ W/MHz		5.265.2 - 5.370 MHz : 2.5 μ W/MHz	5.365.2 - 5.410 MHz : 2.5 μ W/MHz		5.370 - 5.454.8 MHz : simultaneous with a 5.0GHz band high-power radio station : 12.5 μ W/MHz	5.410 - 5.454.8 MHz : 2.5 μ W/MHz		5.454.8 - 5.470 MHz : simultaneous with a 5.0GHz band high-power radio station : 50 μ W/MHz	5.454.8 - 5.470 MHz : 15 μ W/MHz		5.730 MHz or more : 15 μ W/MHz	5.730 MHz or more : 15 μ W/MHz		(*)When used 5680MHz	(*)When used 5680MHz		5.770 MHz or more : 15 μ W/MHz	5.770 MHz or more : 15 μ W/MHz		f = MHz, Difference from 5210 (MHz)	f = MHz, Difference from 5200 (MHz)	
5.21GHz & (5.53GHz, 5.61GHz or 5.69GHz)	5.290GHz & (5.53GHz, 5.61GHz or 5.69GHz)	5.53GHz & 5.69GHz																																								
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f = MHz, Difference from 5210 (MHz)	f = MHz, Difference from 5200 (MHz)																																									
Test Method:	[Setting 1]																																									
	Frequency range:	Test frequency range as required																																								
	RBW:	1 MHz																																								
	VBW:	1 MHz																																								
	Sweep time:	Minimum time required to make an accurate measurement																																								
	Sweep Data Points:	1001 or greater																																								
	Detector mode:	Positive peak																																								
	Indication mode:	Max hold (see Note 1)																																								
	Note 1:	Sweep shall be repeated until the max hold waveform is stable.																																								
	[Setting 2]																																									
	Center frequency:	Frequency of spurious emission found using [Setting 1]																																								
	Span:	0 Hz																																								
	RBW:	1 MHz																																								
	VBW:	1 MHz																																								
Sweep time:	Minimum time required to make an accurate measurement. For burst type (intermittent) spurious emissions.																																									

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	sweep time shall be greater than one burst interval
Sweep Data Points:	1001 or greater
Detector mode:	Sample
Procedure:	(1) After configuring the spectrum analyzer to [Setting 1], search for spurious emissions from 30 MHz to 12.5 GHz. If the sweep range does not cover the required measurement frequency range then the measurement range will need to be divided into sufficient sections of size [RBW x Sweep Data Points]. If spurious emissions greater than [Limit - 3dB] are found, then more detailed measurements are required, go to step (2) (2) Configure the spectrum analyzer using [Setting 2] and measure the average signal amplitude. If the spurious emission is burst type (intermittent), then the average value shall not include signal OFF time. (3) Calculate the spurious emission value (Calculated Value) using following the formula below: Calculated Value = (Measured Value using (3) + 15.2dB) Note: 15.2dB adjustment is derived from the Conversion Factor of RBW Conversion Factor of RBW = 10 x Log (Reference Bandwidth / RBW of measurement) = 15.2 [dB] Where: Reference Bandwidth = 1 MHz RBW of measurement = 30 kHz (4) If the calculated value using (4) is over the Limit (section 6.7), go to (6) (6) Configure the spectrum analyzer to [Setting 3] then make the following changes: Frequency: Frequency of spurious emission Span: 1 MHz (6) After sweep, send the span data set to the PC (7) Convert measured data from dBm to Watts (8) Sum all the data using the formula below. If the sum is within the limit, the test result is Pass, otherwise, Fail $P_s = \left(\sum_{i=1}^n E_i \right) \times \frac{S_w}{RBW \times k \times n}$ Ps: Sum (Watts) Ei: Measured value at each point in the Span (Watts) Sw: Span (1MHz) n: Number of measurement points in the Span k: Correction factor for Equivalent Noise Bandwidth, specific to each spectrum analyzer, check the instrument user guide RBW: Resolution Bandwidth (MHz). (9) If the EUT has multiple antennas, measure the spurious emission form each individual antenna using steps (1) through (9) (10) Convert the individual antenna spurious level measurements (step (10)) from dB to absolute values (11) Combine (sum) the absolute values of the spurious measurements at each frequency for each antenna (to create a single composite spectrum of spurious emissions) (12) Ensure that the composite spectrum does not exceed the Limit defined in 6.7 (Technical Standard) (13) Configuring the spectrum analyzer using [Setting 3] and measure the spurious emissions with all the antennas electrically combined

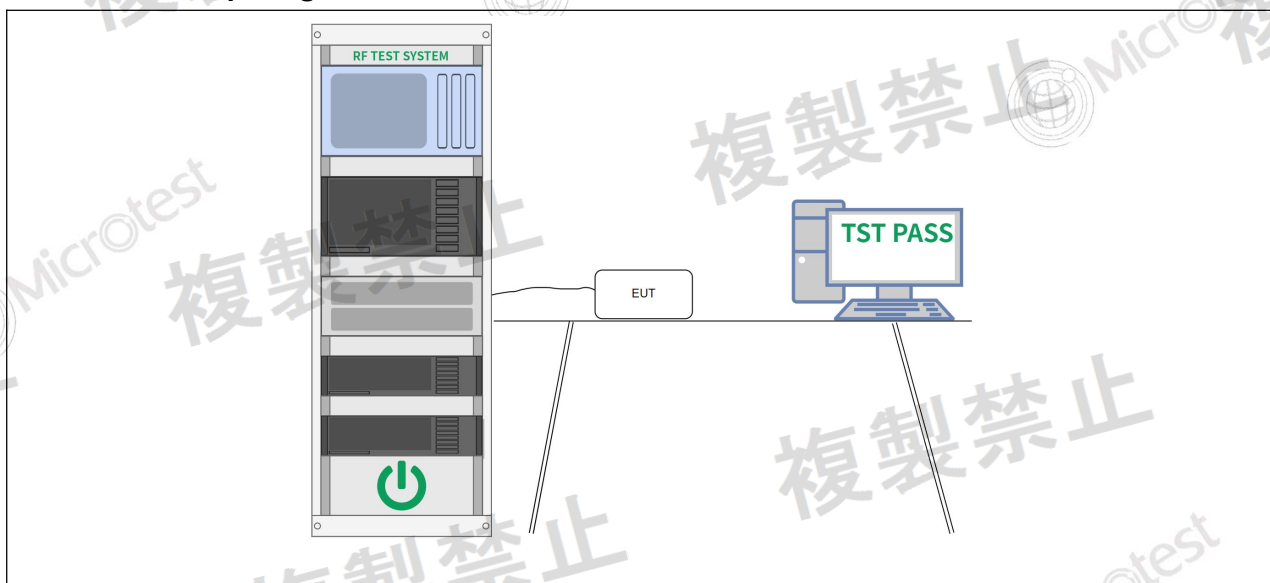
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6.5.1 E.U.T. Operation:

Operating Environment:					
Temperature:	28.3 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode17, Mode18				
Final test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode17, Mode18				

6.5.2 Test Setup Diagram:



6.5.3 Test Data:

Please Refer to Appendix for Details.

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6.6 Adjacent Channel Emitted Power

Test Requirement:	Article 2-1, Item 19-3
Test Limit:	For Bandwidth equal to 20MHz and 40MHz: $F_c \pm 20\text{MHz} : -25\text{dBc}$ $F_c \pm 40\text{MHz} : -40\text{dBc}$ For Bandwidth above 40MHz: $F_c \pm 80\text{MHz} : -25\text{dBc}$
Test Method:	Center Frequency: Test Frequency Span: (see Note1) RBW: 300kHz VBW: 300kHz Sweep time: Auto Sweep data points: 1001 or greater Detector mode: Sample (for Continuous Type) Positive peak (for Burst Type) Indication mode: Single sweep (for Continuous Type) Max hold (for Burst Type) Note1: 5.2GHz and 5.3GHz Band: $\text{OBW} \leq 18\text{MHz} : 18\text{MHz}$ $18\text{MHz} < \text{OBW} \leq 19\text{MHz} : 19\text{MHz}$ $19\text{MHz} < \text{OBW} \leq 38\text{MHz} : 38\text{MHz}$ $38\text{MHz} < \text{OBW} \leq 78\text{MHz} : 78\text{MHz}$ 5.6GHz Band: OFDM: $\text{OBW} \leq 19.7\text{MHz} : 19\text{MHz}$ $19.7\text{MHz} < \text{OBW} \leq 38\text{MHz} : 38\text{MHz}$ $38\text{MHz} < \text{OBW} \leq 78\text{MHz} : 78\text{MHz}$ Others: 18MHz
Procedure:	(1) Configure the spectrum analyzer to [Setting 1] and set the EUT to transmit mode (2) Measure the transmitter power (defined as P_C) using the procedure shown below: (a) Set the center of the span to the transmit frequency (b) After sweeping the entire span, send the span data set to the PC (c) Convert measured data from dBm to Watts (d) Sum all the data to derive the P_C (3) Measure the Upper Adjacent Channel Leakage Power (defined as P_U) using the procedure shown below. For measurement frequency, see Note2. (a) Set the center of the span to [Transmit Frequency + 20 MHz (or 40 MHz)] (b) Sweep the entire span, send the span data set to the PC (c) Convert measured data from dBm to Watts (d) Sum all the data to derive the P_U (e) After setting the center of the span to [Transmit Frequency + 40MHz (or 80 MHz)], repeat steps (b) through step (d) (4) Measure the Lower Adjacent Channel Leakage Power (defined as P_L) using the procedure shown below. For measurement frequency, see Note2. (a) Set the center of the span to [Transmit Frequency + 20 MHz (or 40 MHz)] (b) Sweep the entire span, send the span data set to the PC

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- (c) Convert measured data from dBm to Watts
(d) Sum all the data to derive the PL
(e) After setting the center of the span to [Transmit Frequency + 40MHz (or 80 MHz)], repeat steps (b) through step (d)
(5) Derive all the Adjacent Channel Leakage Power Ratios using the formula shown below:
- Upper Adjacent Channel Leakage Power Ratio = $10 \log (P_U / P_C)$
- Lower Adjacent Channel Leakage Power Ratio = $10 \log (P_L / P_C)$
(6) If the EUT has multiple antennas then the following steps shall be taken:
(a) Repeat steps (1) through step (5) for each individual antenna
(b) Repeat steps (1) through step (5) with all the antennas combined
(c) To derive the total P_C , sum the individual antenna P_C measurements from step (a)
(d) Derive the total P_U and total P_L using the same procedure as step (c)
(e) Calculate the Adjacent Channel Leakage Power Ratio using the total P_C , total P_U and total P_L using the formula in step (5)
(f) Note 2:
5.2 GHz and 5.3 GHz band:
OBW $\leq$ 18 MHz: Transmit frequency ± 20 MHz, ± 40 MHz
18MHz < OBW $\leq$ 19MHz: Transmit frequency ± 20 MHz, ± 40 MHz
19MHz < OBW $\leq$ 38MHz: Transmit frequency ± 40 MHz, ± 80 MHz
38MHz < OBW $\leq$ 78MHz: Transmit frequency ± 80 MHz
5.6GHz Band:
OFDM:
OBW $\leq$ 19.7MHz: Transmit frequency ± 20 MHz, ± 40 MHz
19.7MHz < OBW $\leq$ 38MHz: Transmit frequency ± 40 MHz, ± 80 MHz
38MHz < OBW $\leq$ 78MHz: Transmit frequency ± 80 MHz
Other than OFDM: Transmit frequency ± 20 MHz, ± 40 MHz

6.6.1 E.U.T. Operation:

Operating Environment:

Temperature:	28.3 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
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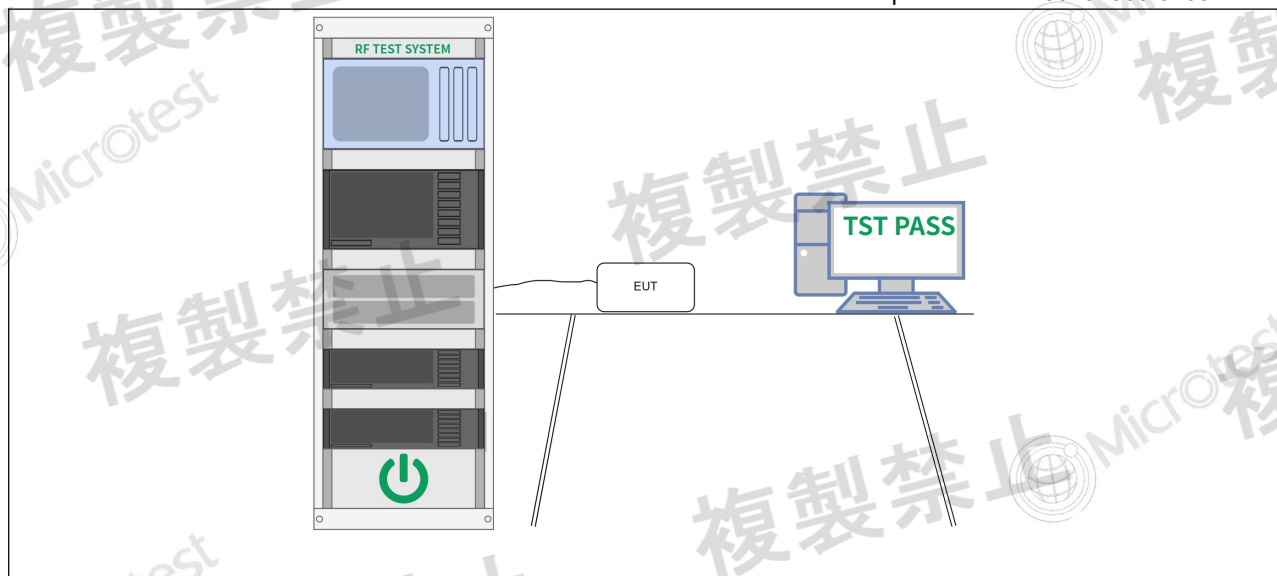
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode17, Mode18
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Final test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode17, Mode18
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6.6.2 Test Setup Diagram:

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6.6.3 Test Data:

Please Refer to Appendix for Details.

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6.7 Spurious Emission Intensity

Test Requirement:
Test Limit:

Article 2-1, Item 19-3

W52			
20MHz system		40MHz system	80MHz system
OBW: 18MHz or less	OBW: 18 - 20 MHz		
5.142 MHz or less: 2.5 μ W/MHz	5.142 MHz or less: 2.5 μ W/MHz	5.141.8 MHz or less: 2.5 μ W/MHz	5.123.2 MHz or less: 2.5 μ W/MHz
5.142 - 5.150 MHz: 15 μ W/MHz	5.142 - 5.150 MHz: 15 μ W/MHz	5.141.8 - 5.150 MHz: 15 μ W/MHz	5.123.2 - 5.150 MHz: 15 μ W/MHz
	5.250 - 5.250.2 MHz: $10^{12} - 10^{10}$ mW/MHz	5.250 - 5.251 MHz: $10^{12} - 10^{10}$ mW/MHz	5.250 - 5.251 MHz: $10^{12} - 10^{10}$ mW/MHz
5.250 - 5.251 MHz: $10^{12} - 10^{10}$ mW/MHz	5.250 - 5.251 MHz: $10^{12} - 10^{10}$ mW/MHz	5.251 - 5.270 MHz: $10^{12} - 10^{10}$ mW/MHz	5.251 - 5.260 MHz: $10^{12} - 10^{10}$ mW/MHz
5.251 - 5.260 MHz: $10^{12} - 10^{10}$ mW/MHz	5.251 - 5.260 MHz: $10^{12} - 10^{10}$ mW/MHz	5.270 - 5.278.4 MHz: $10^{12} - 10^{10}$ mW/MHz	5.260 - 5.266.7 MHz: $10^{12} - 10^{10}$ mW/MHz
5.260 - 5.266.7 MHz: $10^{12} - 10^{10}$ mW/MHz	5.260 - 5.266.7 MHz: $10^{12} - 10^{10}$ mW/MHz	5.278.4 MHz or more: 2.5 μ W/MHz	5.266.7 MHz or more: 2.5 μ W/MHz
5.266.7 MHz or more: 2.5 μ W/MHz	5.266.7 MHz or more: 2.5 μ W/MHz		
f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5230 (MHz)	f = MHz, Difference from 5210 (MHz)

W53			
20MHz system		40MHz system	80MHz system
OBW: 18MHz or less	OBW: 18 - 20 MHz		
5.233.3 MHz or less: 2.5 μ W/MHz	5.233.3 MHz or less: 2.5 μ W/MHz	5.221.8 MHz or less: 2.5 μ W/MHz	5.203.3 MHz or less: 2.5 μ W/MHz
5.233.3 - 5.240 MHz: $10^{12} - 10^{10}$ mW/MHz	5.233.3 - 5.240 MHz: $10^{12} - 10^{10}$ mW/MHz	5.221.8 - 5.230 MHz: $10^{12} - 10^{10}$ mW/MHz	5.203.3 - 5.210 MHz: $10^{12} - 10^{10}$ mW/MHz
5.240 - 5.249 MHz: $10^{12} - 10^{10}$ mW/MHz	5.240 - 5.249 MHz: $10^{12} - 10^{10}$ mW/MHz	5.230 - 5.249 MHz: $10^{12} - 10^{10}$ mW/MHz	5.210 - 5.249 MHz: $10^{12} - 10^{10}$ mW/MHz
5.249 - 5.250 MHz: $10^{12} - 10^{10}$ mW/MHz	5.249 - 5.250 MHz: $10^{12} - 10^{10}$ mW/MHz	5.249 - 5.250 MHz: $10^{12} - 10^{10}$ mW/MHz	5.249 - 5.250 MHz: $10^{12} - 10^{10}$ mW/MHz
5.250 - 5.250 MHz: $10^{12} - 10^{10}$ mW/MHz	5.249.8 - 5.250 MHz: $10^{12} - 10^{10}$ mW/MHz	5.350 - 5.358.4 MHz: 15 μ W/MHz	5.350 - 5.376.8 MHz: 15 μ W/MHz
5.350 MHz or more: 2.5 μ W/MHz	5.350 MHz or more: 2.5 μ W/MHz	5.358.4 MHz or more: 2.5 μ W/MHz	5.376.8 MHz or more: 2.5 μ W/MHz
f = MHz, Difference from 5200 (MHz)	f = MHz, Difference from 5200 (MHz)	f = MHz, Difference from 5270 (MHz)	f = MHz, Difference from 5200 (MHz)

W56			
20MHz system		40MHz system	80MHz system
DSSS, etc.	OFDM		
5.470 MHz or less: 12.5 μ W/MHz	5.460 MHz or less: 2.5 μ W/MHz	5.460 MHz or less: 12.5 μ W/MHz	5.460 MHz or less: 12.5 μ W/MHz
5.470 - 5.470 MHz: 12.5 μ W/MHz	5.460 - 5.470 MHz: 12.5 μ W/MHz	5.460 - 5.470 MHz: 50 μ W/MHz	5.460 - 5.469.5 MHz: 50 μ W/MHz
5.730 MHz or more: 12.5 μ W/MHz	5.745 - 5.765 MHz: 12.5 μ W/MHz	5.770 MHz or more: 12.5 μ W/MHz	5.469.5 - 5.470 MHz: 51.2 μ W/MHz
	Clear 5.765 MHz: 2.5 μ W/MHz		5.770 MHz or more: 12.5 μ W/MHz

W52 + W53		W56	
160MHz system		5.3GHz & 5.6GHz	
5.099.6 MHz or less: 2.5 μ W/MHz	5.419.6 MHz or less: 12.5 μ W/MHz	* A rated value is defined by the E.I.R.P. * Measurement range: 30MHz to 26GHz	
5.099.6 - 5.150 MHz: 15 μ W/MHz	5.419.6 - 5.470 MHz: 50 μ W/MHz		
5.350 - 5.400.4 MHz: 15 μ W/MHz	5.725 MHz or more: 12.5 μ W/MHz		
5.400.4 MHz or more: 2.5 μ W/MHz			
5.21GHz & (5.53GHz, 5.61GHz or 5.69GHz)	5.295GHz & (5.53GHz, 5.61GHz or 5.69GHz)		
80MHz + 80MHz system (Not adjacent radio)			
5.134.8 MHz or less: 2.5 μ W/MHz	5.214.8 MHz or less: 2.5 μ W/MHz		
5.134.8 - 5.150 MHz: 162.5 μ W/MHz	5.214.8 - 5.240 MHz: $10^{12} - 10^{10}$ mW/MHz		
5.250 - 5.251 MHz: $10^{12} - 10^{10}$ mW/MHz	5.249 - 5.250 MHz: $10^{12} - 10^{10}$ mW/MHz		
5.251 - 5.265.2 MHz: $10^{12} - 10^{10}$ mW/MHz	5.350 - 5.365.2 MHz: 15 μ W/MHz		
5.265.2 - 5.370 MHz: 2.5 μ W/MHz	5.365.2 - 5.410 MHz: 2.5 μ W/MHz		
5.370 - 5.454.8 MHz: simultaneous with a 5.0GHz band high-power radio station: 12.5 μ W/MHz	5.410 - 5.454.8 MHz: 2.5 μ W/MHz		
5.454.8 - 5.470 MHz: simultaneous with a 5.0GHz band high-power radio station: 50 μ W/MHz	5.454.8 - 5.470 MHz: 15 μ W/MHz		
5.730 MHz or more: 15 μ W/MHz	5.730 MHz or more: 15 μ W/MHz		
(*)When used 5680(MHz)	(*)When used 5680(MHz)		
5.770 MHz or more: 15 μ W/MHz	5.770 MHz or more: 15 μ W/MHz		
f = MHz, Difference from 5210 (MHz)	f = MHz, Difference from 5290 (MHz)		

Test Method:

[Setting 1]

Frequency range: Test frequency range as required

RBW: 1 MHz

VBW: 1 MHz

Sweep time: Minimum time required to make an accurate measurement

Sweep Data Points: 1001 or greater

Detector mode: Positive peak

Indication mode: Max hold (see Note 1)

Note 1: Sweep shall be repeated until the max hold waveform is stable.

[Setting 2]

Center frequency: Frequency of spurious emission found using [Setting 1]

Span: 0 Hz

RBW: 1 MHz

VBW: 1 MHz

Sweep time: Minimum time required to make an accurate measurement.

For burst type (intermittent) spurious emissions,

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	sweep time shall be greater than one burst interval
Sweep Data Points:	1001 or greater
Detector mode:	Sample
Procedure:	(1) After configuring the spectrum analyzer to [Setting 1], search for spurious emissions from 30 MHz to 12.5 GHz. If the sweep range does not cover the required measurement frequency range then the measurement range will need to be divided into sufficient sections of size [RBW x Sweep Data Points]. If spurious emissions greater than [Limit - 3dB] are found, then more detailed measurements are required, go to step (2) (2) Configure the spectrum analyzer using [Setting 2] and measure the average signal amplitude. If the spurious emission is burst type (intermittent), then the average value shall not include signal OFF time. (3) Calculate the spurious emission value (Calculated Value) using following the formula below: Calculated Value = (Measured Value using (3) + 15.2dB) Note: 15.2dB adjustment is derived from the Conversion Factor of RBW Conversion Factor of RBW = 10 x Log (Reference Bandwidth / RBW of measurement) = 15.2 [dB] Where: Reference Bandwidth = 1 MHz RBW of measurement = 30 kHz (4) If the calculated value using (4) is over the Limit (section 6.7), go to (6) (6) Configure the spectrum analyzer to [Setting 3] then make the following changes: Frequency: Frequency of spurious emission Span: 1 MHz (6) After sweep, send the span data set to the PC (7) Convert measured data from dBm to Watts (8) Sum all the data using the formula below. If the sum is within the limit, the test result is Pass, otherwise, Fail $P_s = \left(\sum_{i=1}^n E_i \right) \times \frac{S_w}{RBW \times k \times n}$ Ps: Sum (Watts) Ei: Measured value at each point in the Span (Watts) Sw: Span (1MHz) n: Number of measurement points in the Span k: Correction factor for Equivalent Noise Bandwidth, specific to each spectrum analyzer, check the instrument user guide RBW: Resolution Bandwidth (MHz). (9) If the EUT has multiple antennas, measure the spurious emission form each individual antenna using steps (1) through (9) (10) Convert the individual antenna spurious level measurements (step (10)) from dB to absolute values (11) Combine (sum) the absolute values of the spurious measurements at each frequency for each antenna (to create a single composite spectrum of spurious emissions) (12) Ensure that the composite spectrum does not exceed the Limit defined in 6.7 (Technical Standard) (13) Configuring the spectrum analyzer using [Setting 3] and measure the spurious emissions with all the antennas electrically combined

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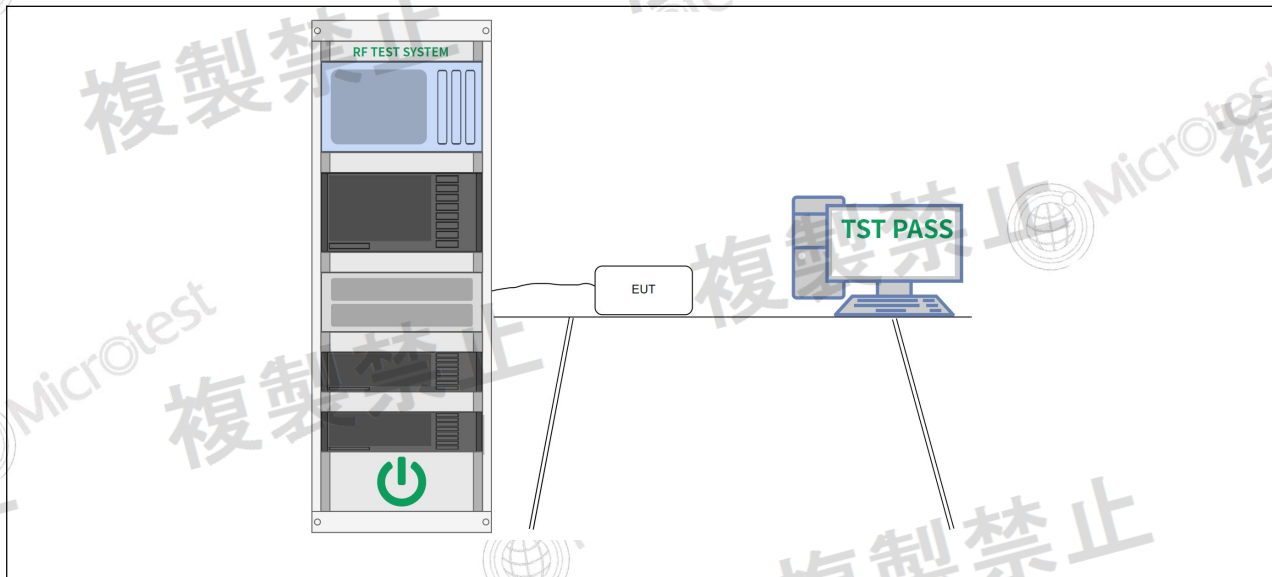
Report No.: MTi250731008-0105E4

6.7.1 E.U.T. Operation:

Operating Environment:

Temperature:	28.3 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
Pre test mode:	Mode20, Mode21				
Final test mode:	Mode20, Mode21				

6.7.2 Test Setup Diagram:



6.7.3 Test Data:

Please Refer to Appendix for Details.

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6.8 Secondary Radiated Emissions

Test Requirement:	Article 2-1, Item 19-3		
Test Limit:	(1) Below 1 GHz: 4 nW (-54dBm) or less (2) Above 1 GHz: 20 nW (-47dBm) or less		
Test Method:	[Setting 1]		
	Frequency range:	30 MHz ~ 12.5 GHz	
	RBW:	Below 1 GHz:100 kHz	
		Above 1 GHz:1 MHz	
	VBW:	Below 1 GHz:100 kHz	
		Above 1 GHz:1 MHz	
	Sweep time:	Auto	
	Sweep data points:	1001 or greater	
	Detector mode:	Positive peak	
	Indication mode:	Max hold	
	[Setting 2]		
	Center Frequency:	Frequency of spurious emission found using [Setting 1]	
	Span:	0 Hz	
	RBW:	Below 1 GHz:100 kHz	
		Above 1 GHz:1 MHz	
	VBW:	Below 1 GHz:100 kHz	
		Above 1 GHz:1 MHz	
	Sweep time:	Auto	
	Sweep data points:	1001 or greater	
Detector mode:	Sample		
Procedure:	(1) Configure the spectrum analyzer to [Setting 1] and then search for spurious emissions in the range 30 MHz to 12.5GHz. If the sweep range does not cover the required measurement frequency range then the measurement range will need to be divided into sufficient sections of size [RBW x Sweep Data Points]. (2) If spurious emissions are found with an amplitude greater than [Limit - 10dB] then perform further detailed measurements as described in (3) (3) Configure the spectrum analyzer using [Setting 2] and measure the average signal amplitude. If the spurious emission is burst type (intermittent), then the average value shall not include signal OFF time Multiple Antenna Systems If the EUT has multiple antennas then emissions from each antenna shall be measured individually, as described below (4) For each antenna repeat steps (1) through (3). Convert all spurious level measurements from dB to absolute value (5) Combine (sum) the absolute values of the spurious measurements at each frequency for each antenna (to create a single composite spectrum of spurious emissions) (6) Ensure that the composite spectrum does not exceed the Limit		

6.8.1 E.U.T. Operation:

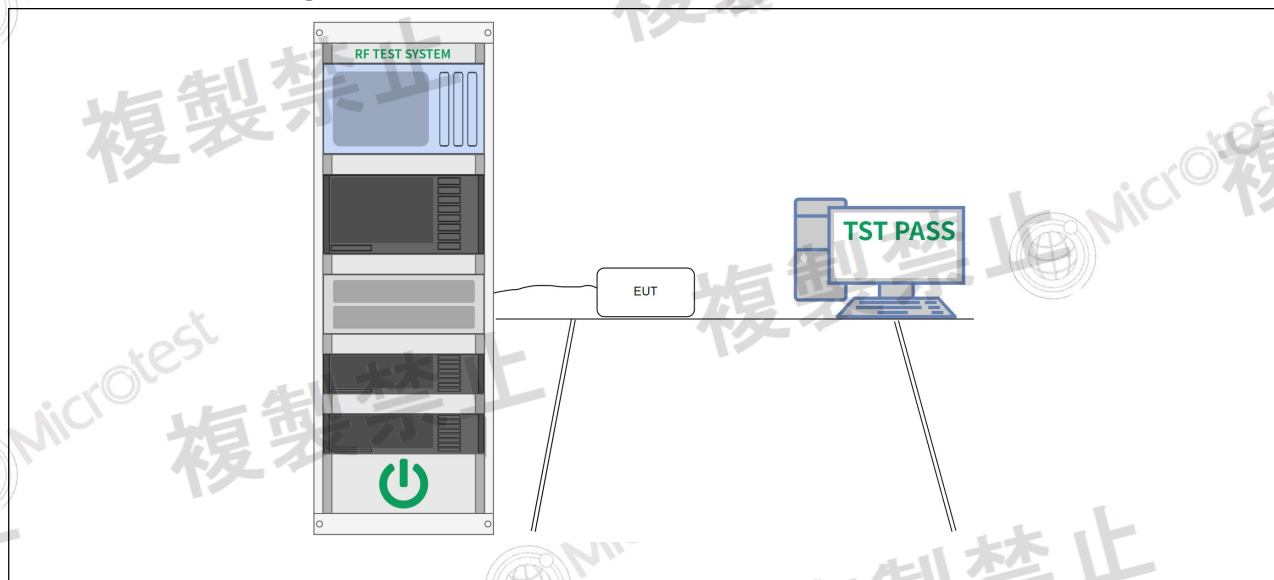
Operating Environment:					
Temperature:	28.3 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8,				

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	Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode17, Mode18
Final test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode17, Mode18

6.8.2 Test Setup Diagram:



6.8.3 Test Data:

Please Refer to Appendix for Details.

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6.9 Carrier Sensing 1

Test Requirement:	Article 2-1, Item 19-3	
Test Limit:	Field intensity in the direction of the maximum gain of a receiving antenna : 100mV/m	
	*Start transmission after performing a carrier sense. However, when transmission and reception are controlled from other radio equipment, and when the radio equipment which performed transmission resumes transmission within 8 millisecond after a career sense, it can omit performing a career sense.	
Test Method:	Signal Generator Settings	
	[Setting 1]	
	Output frequency:	Center of test frequency
	Modulation:	Un-modulated, see note
	Output level:	The required level at the EUT antenna input, as defined by the applicant
	Note:	
	If the EUT's carrier sensing cannot function with an un-modulated signal at the center of the test frequency, then the un-modulated signal can be moved away from the center.	
	Spectrum Analyzer Settings	
	[Setting 2]	
	Frequency:	Center of test frequency
	Span:	50 MHz
	RBW:	1 MHz
	VBW:	1 MHz
	Trigger:	Free running
	Detector:	Positive peak
Procedure:	Testing without a Link Partner	
	(1) Set the spectrum analyzer to [Setting 2] (2) With the signal generator OFF, set the EUT to transmit mode (3) Set the EUT to receive mode (4) First, set the signal generator output ON, then set the EUT to transmit mode and confirm that the EUT does NOT transmit a signal	
	Testing with a Link Partner	
	(1) Set the spectrum analyzer to [Setting 2] (2) Set the signal generator output to OFF (3) After establishing a connection between the EUT and the Link Partner, set the EUT to transmit mode (4) Set the EUT to receive mode (5) Set the signal generator output ON, then set the EUT to transmit mode and confirm that the EUT does NOT transmit a signal	

6.9.1 E.U.T. Operation:

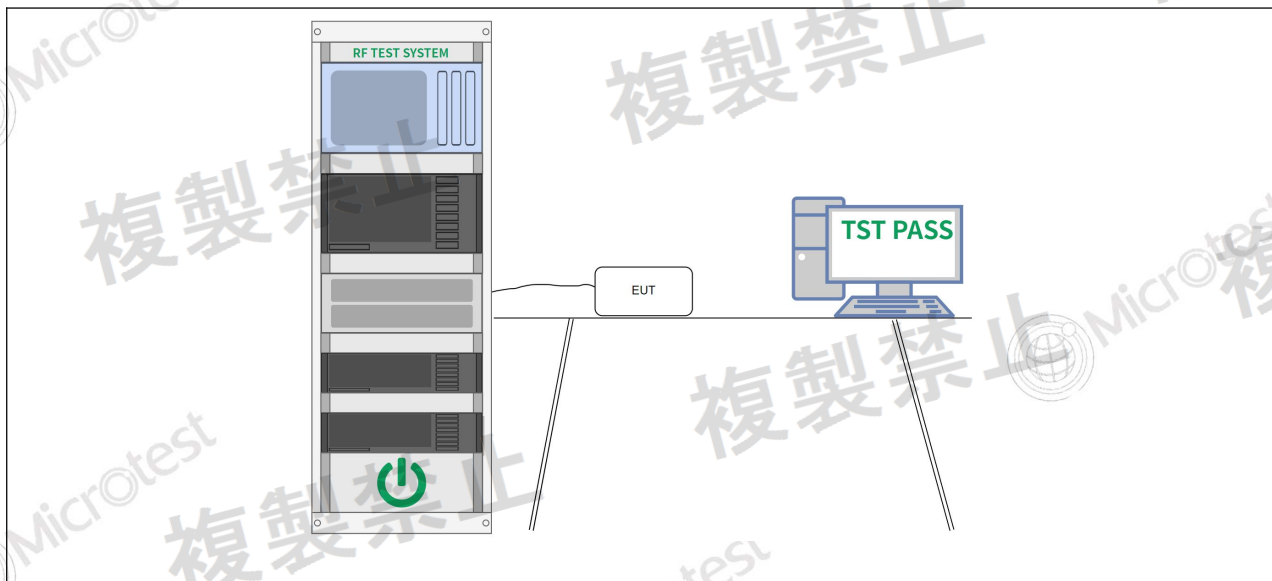
Operating Environment:					
Temperature:	28.3 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode17, Mode18				
Final test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8,				

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Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15,
Mode16, Mode17, Mode18

6.9.2 Test Setup Diagram:



6.9.3 Test Data:

Please Refer to Appendix for Details.

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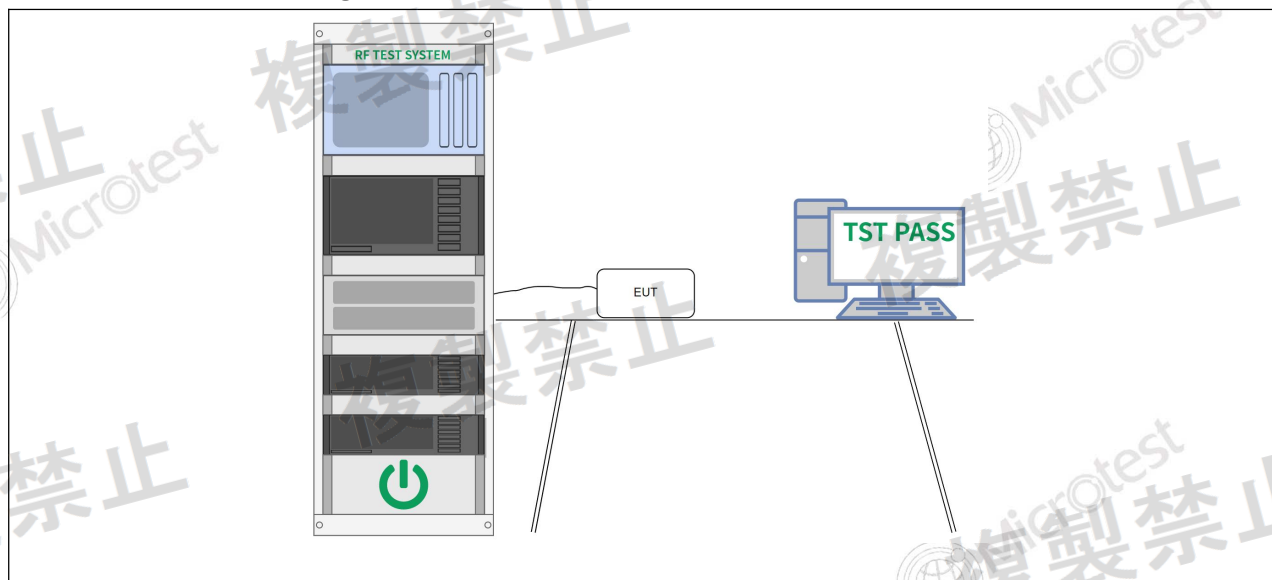
6.10 Transmission Burst Length

Test Requirement:	Article 2-1, Item 19-3
Test Limit:	8ms or less
Test Method:	Frequency: Center of tested frequency Span:0 Hz RBW: 1 MHz VBW: 1 MHz Sweep time: Auto Sweep data points: 1001 or greater Detector mode: Sample
Procedure:	Configure the spectrum analyzer to [Setting 1] and then search the max pulse, and measure the transmission time.

6.10.1 E.U.T. Operation:

Operating Environment:					
Temperature:	28.3 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode17, Mode18				
Final test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode17, Mode18				

6.10.2 Test Setup Diagram:



6.10.3 Test Data:

Please Refer to Appendix for Details.

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Photographs of the test setup

Refer to Appendix - Test Setup Photos

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Photographs of the EUT

Refer to Appendix - EUT Photos

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3. The report shall not be partially reproduced without the written consent of the Laboratory.
4. This report is invalid if transferred, altered or tampered with in any form without authorization.
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6. Any objection to this report shall be submitted to the laboratory within 15 days from the date of receipt of the report.

***** END OF REPORT *****