

FCC Test Report

Report No.: AGC02862200501FE02

FCC ID : UU8-RC

APPLICATION PURPOSE : Original Equipment

PRODUCT DESIGNATION: CROSSLANDER® 360°

BRAND NAME : LEXIBOOK

MODEL NAME : RC20

APPLICANT : Lexibook America

DATE OF ISSUE : May 20, 2020

STANDARD(S) : FCC Part 15.247

REPORT VERSION: V1.0

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REPORT REVISE RECORD

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0		May 20, 2020	Valid	Initial Release



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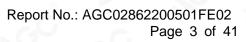




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1. VERIFICATION OF COMPLIANCE

Applicant	Lexibook America				
Address	C/O NATXIS PRAMEX INTERNATIONAL-NORTH AMERICA 1251 avenue of the Americas 34th floor NewYork United States				
Manufacturer	LEXIBOOK LIMITED				
Address	Unit 8-9, 4th Floor, Kenning Industrial Building, 19 Wang Hoi Road, Kowloon Bay, Kowloon, Hong Kong				
Factory	LEXIBOOK LIMITED				
Address	Unit 8-9, 4th Floor, Kenning Industrial Building, 19 Wang Hoi Road, Kowloon Bay, Kowloon, Hong Kong				
Product Designation	CROSSLANDER [®] 360°				
Brand Name	LEXIBOOK				
Test Model	RC20				
Date of test	May 09, 2020 to May 20, 2020				
Deviation	No any deviation from the test method				
Condition of Test Sample	e Normal				
Test Result	Pass				
Report Template	AGCRT-US-BLE/RF				

We hereby certify that:

The above equipment was tested by Attestation of Global Compliance (Shenzhen) Co., Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with radiated emission limits of FCC part 15.247.

Prepared By	341K. [mg	
c ~ _	Erik Yang Project Engineer	May 20, 2020
Reviewed By	Max 2 hang	
NGC -	Max Zhang Reviewer	May 20, 2020
Approved By	Towardes	
ign Fac	Forrest Lei Authorized Officer	May 20, 2020





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2.GENERAL INFORMATION

2.1.PRODUCT DESCRIPTION

The EUT is designed as a "CROSSLANDER® 360°". It is designed by way of utilizing the GFSK technology to achieve the system operation.

A major technical description of EUT is described as following

Operation Frequency	2.405GHz to 2.475GHz
RF Output Power	-9.392dBm(Max)
Modulation	GFSK
Number of channels	70 Channel
Antenna Designation	Internal Antenna(Comply with requirements of the FCC part 15.203)
Antenna Gain	0dBi
Hardware Version	BZ1753TX-2.4G
Software Version	V1.0
Power Supply	DC 3V by battery

2.2.TABLE OF CARRIER FREQUENCYS

Frequency Band	Channel Number	Frequency	
	1.0	2405 MHZ	
60	2	2406 MHZ	
	3	2407 MHZ	
2400~2483.5MHZ	4	2408 MHZ	
		C C C	
	69	2474 MHZ	
	70	2475 MHZ	





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2.3. RELATED SUBMITTAL(S)/GRANT(S)

This submittal(s) (test report) is intended for **FCC ID:UU8-RC** filing to comply with the FCC Part 15.247 requirements.

2.4.TEST METHODOLOGY

Both conducted and radiated testing was performed according to the procedures in ANSI C63.10 (2013). Radiated testing was performed at an antenna to EUT distance 3 meters.

2.5.SPECIAL ACCESSORIES

Refer to section 2.2.

2.6. EQUIPMENT MODIFICATIONS

Not available for this EUT intended for grant.





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3. MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement y ±U, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

- Uncertainty of Conducted Emission, Uc = ±3.1 dB
- Uncertainty of Radiated Emission below 1GHz, Uc = ±4.0 dB
- Uncertainty of Radiated Emission above 1GHz, Uc = ±4.8 dB
- Uncertainty of total RF power, conducted, Uc = ±0.8dB
- Uncertainty of RF power density, conducted, $Uc = \pm 2.6dB$
- Uncertainty of spurious emissions, conducted, Uc = ±2.7dB
- Uncertainty of Occupied Channel Bandwidth: Uc = ±2 %





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4. DESCRIPTION OF TEST MODES

NO.	TEST MODE DESCRIPTION
1	Low channel TX(2405MHz)
2	Middle channel TX(2440MHz)
3	High channel TX(2475MHz)

Note: 1. Only the result of the worst case was recorded in the report, if no other cases.

- 2. For Radiated Emission, 3axis were chosen for testing for each applicable mode.
- 3. For Conducted Test method, a temporary antenna connector is provided by the manufacture.
- 4. The EUT enters test modes by pressing button of EUT.



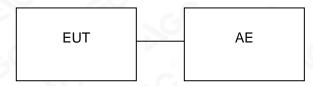
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5. SYSTEM TEST CONFIGURATION

5.1. CONFIGURATION OF TESTED SYSTEM



5.2. EQUIPMENT USED IN TESTED SYSTEM

Item	Equipment	Model No.	ID or Specification	Remark
1	CROSSLANDER® 360°	RC20	UU8-RC	EUT

5.3. SUMMARY OF TEST RESULTS

FCC RULES	DESCRIPTION OF TEST	RESULT
15.247 (b)(3)	Peak Output Power	Compliant
15.247 (a)(2)	6 dB Bandwidth	Compliant
15.247 (d)	Conducted Spurious Emission	Compliant
15.247 (e)	Maximum Conducted Output Power Density	Compliant
15.209	Radiated Emission	Compliant
15.207	Conducted Emission	N/A

Note: The EUT was supplied by battery.



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6. TEST FACILITY

Test Site	Attestation of Global Compliance (Shenzhen) Co., Ltd		
Location	1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China		
Designation Number	CN1259		
FCC Test Firm Registration Number	975832		
A2LA Cert. No.	5054.02		
Description	Attestation of Global Compliance(Shenzhen) Co., Ltd is accredited by A2LA		

TEST EQUIPMENT OF RADIATED EMISSION TEST

TEST EQUIPMENT	OF KADIATED EINI	SSION TEST				
Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due	
TEST RECEIVER	R&S	ESCI	10096	Jun. 12, 2019	Jun. 26, 2020	
EXA Signal Analyzer	Aglient	N9010A	MY53470504	Dec. 12, 2019	Dec. 11, 2020	
2.4GHz Fliter	EM Electronics	2400-2500MHz	N/A	Feb. 26, 2020	Feb. 25, 2021	
Attenuator	ZHINAN	E-002	N/A	Aug. 26, 2019	Aug. 25, 2020	
Horn antenna	SCHWARZBECK	BBHA 9170	#768	Sep. 09, 2019	Sep. 08, 2021	
Active loop antenna (9K-30MHz)	ZHINAN	ZN30900C	18051	Jun. 14, 2018	Jun. 13, 2020	
Double-Ridged Waveguide Horn	ETS LINDGREN	3117	00034609	May 26, 2018	May 25, 2020	
Broadband Preamplifier	ETS LINDGREN	3117PA	00225134	Oct. 15, 2019	Oct. 14, 2020	
ANTENNA	SCHWARZBECK	VULB9168	494	Jan. 09, 2019	Jan. 08, 2021	
Test software	Tonscend	JS32-RE (Ver.2.5)	N/A	N/A	N/A	





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7. PEAK OUTPUT POWER

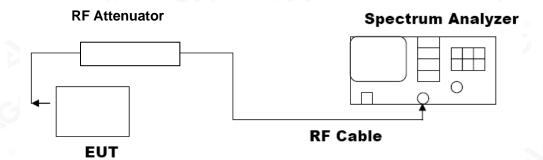
7.1. MEASUREMENT PROCEDURE

For peak power test:

- 1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
- 2. RBW≥DTS bandwidth
- 3. VBW≥3*RBW.
- 4. SPAN≥VBW.
- 5. Sweep: Auto.
- 6. Detector function: Peak.
- 7. Trace: Max hold.

Allow trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission. The indicated level is the peak output power, after any corrections for external attenuators and cables.

7.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION) PEAK POWER TEST SETUP







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7.3. LIMITS AND MEASUREMENT RESULT

PEAK OUTPUT POWER MEASUREMENT RESULT						
	FOR GFSK MOUDULATION					
Frequency (GHz)	The state of the s					
2.405	-9.524	30	Pass			
2.440	-9.392	30	Pass			
2.475	-9.588	30	Pass			

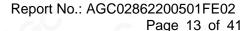
LOW CHANNEL





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MIDDLE CHANNEL



HIGH CHANNEL





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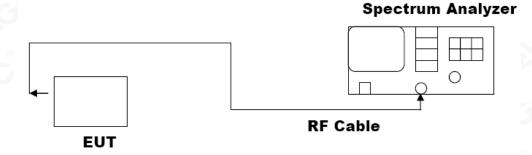
8. 6 DB BANDWIDTH

8.1. MEASUREMENT PROCEDURE

- 1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
- 2. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
- 3. Set SPA Centre Frequency = Operation Frequency, RBW= 100 KHz, VBW≥3×RBW.
- 4. Set SPA Trace 1 Max hold, then View.

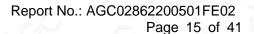
Note: The EUT was tested according to ANSI C63.10 for compliance to FCC PART 15.247 requirements.

8.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)





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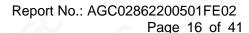
8.3. LIMITS AND MEASUREMENT RESULTS

LIMITS AND MEASUREMENT RESULT						
Applicable Limits		Applicable Limits				
	Test Data	Criteria				
	Low Channel	801.2	PASS			
>500KHZ	Middle Channel	820.0	PASS			
	High Channel	844.8	PASS			

TEST PLOT OF BANDWIDTH FOR LOW CHANNEL









TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL



TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL







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9. CONDUCTED SPURIOUS EMISSION

9.1. MEASUREMENT PROCEDURE

- 1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
- 2, Set the EUT Work on the top, the middle and the bottom operation frequency individually.
- 3. Set SPA Trace 1 Max hold, then View.

Note: The EUT was tested according to ANSI C63.10 for compliance to FCC PART 15.247 requirements.

9.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)

The same as described in section 7.2.

9.3. MEASUREMENT EQUIPMENT USED

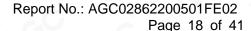
The same as described in section 6.

9.4. LIMITS AND MEASUREMENT RESULT

LIMITS AND MEASUREMENT RESULT				
Augusta alda I imita	Measurement Result			
Applicable Limits	Test Data	Criteria		
In any 100 KHz Bandwidth Outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produce by the intentional radiator shall be at least 20 dB below that in 100KHz bandwidth within the band that contains the highest level of the desired power.	At least -20dBc than the reference level	PASS PASS		



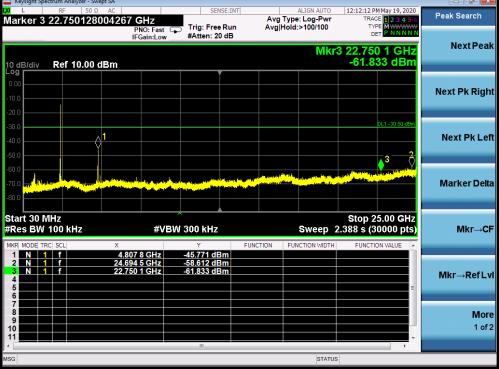
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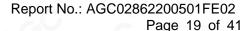
TEST RESULT FOR ENTIRE FREQUENCY RANGE





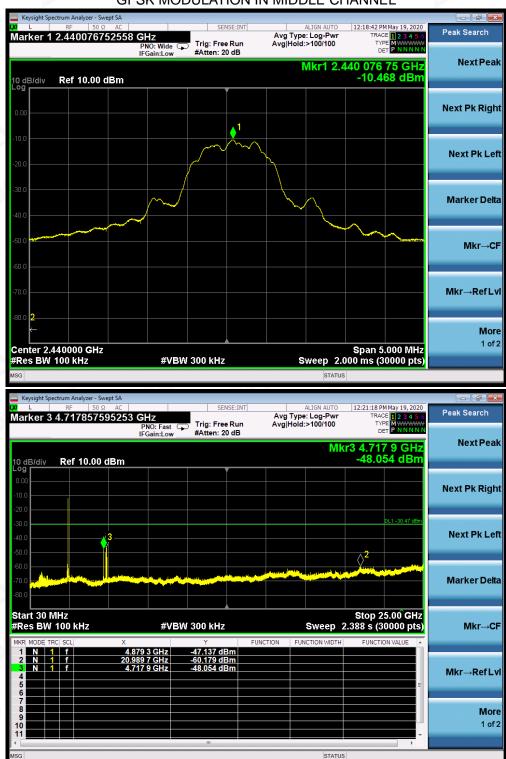


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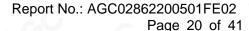




GFSK MODULATION IN MIDDLE CHANNEL

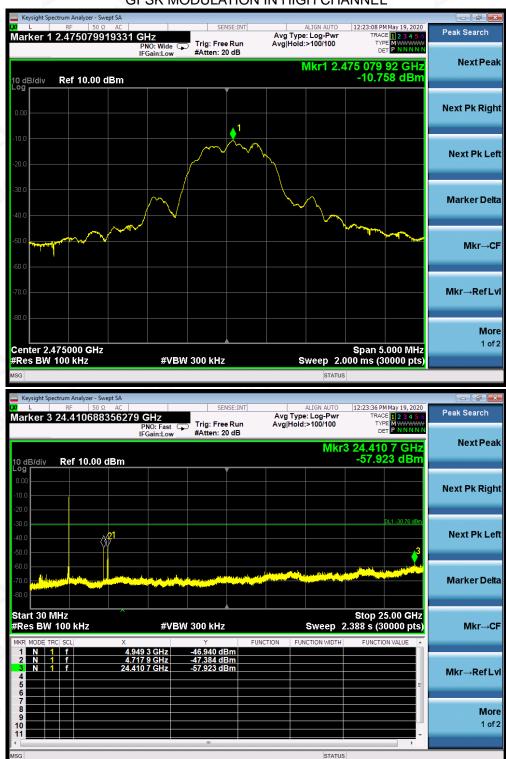






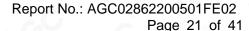


GFSK MODULATION IN HIGH CHANNEL



Note: The peak emissions without marker on the above plots are fundamental wave and need not to compare with the limit.

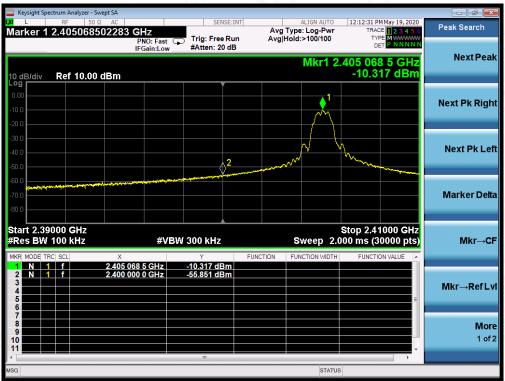






TEST RESULT FOR BAND EDGE

GFSK MODULATION IN LOW CHANNEL



GFSK MODULATION IN HIGH CHANNEL







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10. MAXIMUM CONDUCTED OUTPUT POWER SPECTRAL DENSITY

10.1. MEASUREMENT PROCEDURE

- (1). Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
- (2). Set the EUT Work on the top, the middle and the bottom operation frequency individually.
- (3). Set SPA Trace 1 Max hold, then View.

Note: The method of AVGPSD-1 in the ANSI C63.10 (2013) item 10.3 was used in this testing.

10.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)

Refer To Section 8.2.

10.3. MEASUREMENT EQUIPMENT USED

Refer To Section 6.

10.4. LIMITS AND MEASUREMENT RESULT

Channel No.	Power density (dBm/20kHz)	Limit (dBm/3kHz)	Result
Low Channel	-27.007	8	Pass
Middle Channel	-26.390	8	Pass
High Channel	-25.863	8	Pass

TEST PLOT OF SPECTRAL DENSITY FOR LOW CHANNEL



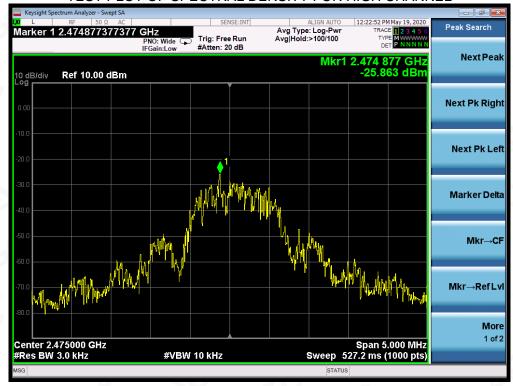




TEST PLOT OF SPECTRAL DENSITY FOR MIDDLE CHANNEL











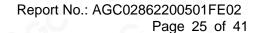
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11. RADIATED EMISSION

11.1. MEASUREMENT PROCEDURE

- 1. The EUT was placed on the top of the turntable 0.8 or 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
- 2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- 3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
- 4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
- 5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
- 6. For emissions above 1GHz, use 1MHz RBW and 3MHz VBW for peak reading. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- 7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.
- 8.If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
- 9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- 10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High Low scan is not required in this case.

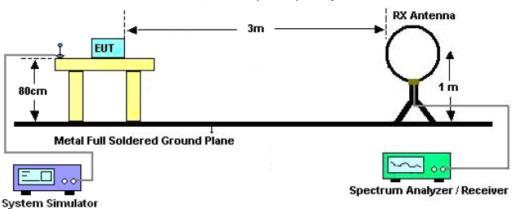




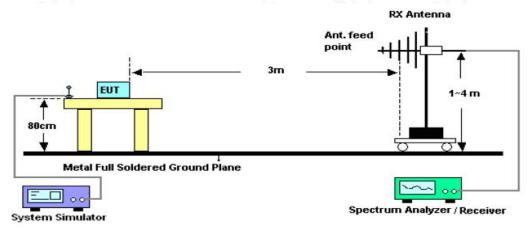


11.2. TEST SETUP

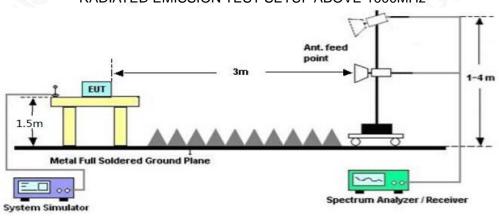
Radiated Emission Test-Setup Frequency Below 30MHz



RADIATED EMISSION TEST SETUP 30MHz-1000MHz



RADIATED EMISSION TEST SETUP ABOVE 1000MHz





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11.3. LIMITS AND MEASUREMENT RESULT

15.209 Limit in the below table has to be followed

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)		
0.009~0.490	2400/F(KHz)	300		
0.490~1.705	24000/F(KHz)	30		
1.705~30.0	30	30		
30~88	100	3		
88~216	150	3		
216~960	200	3		
Above 960	500	3		

Note: All modes were tested For restricted band radiated emission, the test records reported below are the worst result compared to other modes.

11.4. TEST RESULT

RADIATED EMISSION BELOW 30MHZ

No emission found between lowest internal used/generated frequencies to 30MHz.



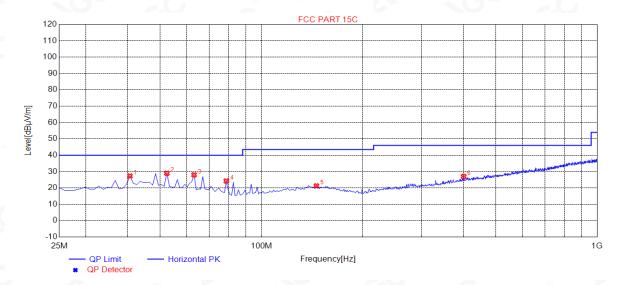
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RADIATED EMISSION BELOW 1GHZ

EUT	CROSSLANDER® 360°	Model Name	RC20
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 2	Antenna	Horizontal

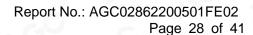


NO.	Freq.	Level	Factor	Limit	Margin	Height	Angle	Polarity
NO.	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dB]	[cm]	[°]	Polanty
1	40.6000	27.29	14.92	40.00	12.71	200	10	Horizontal
2	52.3000	28.99	14.50	40.00	11.01	200	72	Horizontal
3	63.0250	28.03	13.41	40.00	11.97	200	313	Horizontal
4	78.6250	24.26	10.44	40.00	15.74	100	272	Horizontal
5	145.9000	21.27	14.88	43.50	22.23	100	123	Horizontal
6	400.3750	26.99	19.80	46.00	19.01	200	36	Horizontal

RESULT: PASS

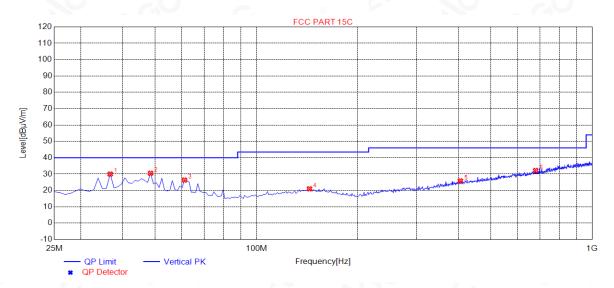


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EUT	CROSSLANDER® 360°	Model Name	RC20
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 2	Antenna	Vertical



NO	Freq.	Level	Factor	Limit	Margin	Height	Angle	Delegitu
NO.	[MHz]	[dBµV/m]	[dB]	[dBµV/m]	[dB]	[cm]	[°]	Polarity
1	36.7000	30.02	14.14	40.00	9.98	100	267	Vertical
2	48.4000	30.51	14.71	40.00	9.49	100	39	Vertical
3	61.0750	26.32	13.73	40.00	13.68	100	89	Vertical
4	143.9500	20.99	14.88	43.50	22.51	100	65	Vertical
5	405.2500	25.84	19.95	46.00	20.16	100	34	Vertical
6	679.2250	32.20	25.60	46.00	13.80	100	24	Vertical

RESULT: PASS

Note: 1. Factor=Antenna Factor + Cable loss, Margin=Measurement-Limit.

2. All test modes had been tested. The mode 2 is the worst case and recorded in the report.





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RADIATED EMISSION ABOVE 1GHZ

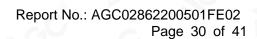
EUT	CROSSLANDER® 360°	Model Name	RC20
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 1	Antenna	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
4820.000	47.45	0.08	47.53	74	-26.47	peak
4820.000	42.34	0.08	42.42	54	-11.58	AVG
7230.000	43.72	2.21	45.93	74	-28.07	peak
7230.000	38.81	2.21	41.02	54	-12.98	AVG
	0	·			<u> </u>	@
emark:	G	G .				a.G
ctor = Anter	na Factor + Cable	Loss – Pre-	amplifier.			U

EUT	CROSSLANDER® 360°	Model Name	RC20
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 1	Antenna	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Tree
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Value Type
4820.000	45.14	0.08	45.22	74	-28.78	peak
4820.000	40.21	0.08	40.29	54	-13.71	AVG
7230.000	41.61	2.21	43.82	74	-30.18	peak
7230.000	37.59	2.21	39.8	54	-14.2	AVG
		(6)				
			8			
emark:			- 0	®		< C
actor = Anter	nna Factor + Cable	Loss – Pre-a	mplifier.	.C	<u> </u>	







CROSSLANDER® 360° **EUT** RC20 **Model Name Temperature** 25°C **Relative Humidity** 55.4% **Test Voltage** 960hPa **Pressure** Normal Voltage **Test Mode** Mode 2 Antenna Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
4882.000	45.67	0.14	45.81	74	-28.19	peak
4882.000	40.31	0.14	40.45	54	-13.55	AVG
7323.000	42.45	2.36	44.81	74	-29.19	peak
7323.000	37.15	2.36	39.51	54	-14.49	AVG
	8				@	
		(8)				@
emark:	0	C	8			- C1
ctor = Anter	nna Factor + Cable	e Loss – Pre-	amplifier.			

EUT	CROSSLANDER® 360°	Model Name	RC20
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 2	Antenna	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
4882.000	44.26	0.14	44.4	74	-29.6	peak
4882.000	39.64	0.14	39.78	54	-14.22	AVG
7323.000	40.91	2.36	43.27	74	-30.73	peak
7323.000	35.78	2.36	38.14	54	-15.86	AVG
		104				
mark:					©	





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EUT	CROSSLANDER® 360°	Model Name	RC20
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 3	Antenna	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
4946.000	44.24	0.22	44.46	74	-29.54	peak
4946.000	38.53	0.22	38.75	54	-15.25	AVG
7419.000	39.76	2.64	42.4	74	-31.6	peak
7419.000	35.22	2.64	37.86	54	-16.14	AVG
	®				®	
		0				(6)
emark:		C	8			- C
ctor = Anter	na Factor + Cable	e Loss – Pre-	amplifier.			

EUT	CROSSLANDER® 360°	Model Name	RC20
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 3	Antenna	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
4946.000	43.46	0.22	43.68	74	-30.32	peak
4946.000	38.72	0.22	38.94	54	-15.06	AVG
7419.000	39.84	2.64	42.48	74	-31.52	peak
7419.000	34.45	2.64	37.09	54	-16.91	AVG
8		100				
emark:						

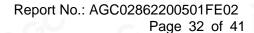
RESULT: PASS

Note: Other emissions from 1G to 25 GHz are considered as ambient noise. No recording in the test report.

Factor = Antenna Factor + Cable loss - Amplifier gain, Over=Measure-Limit.

The "Factor" value can be calculated automatically by software of measurement system.







TEST RESULT FOR RESTRICTED BANDS REQUIREMENTS

EUT	CROSSLANDER® 360°	Model Name	RC20
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 1	Antenna	Horizontal

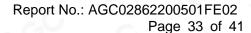






RESULT: PASS

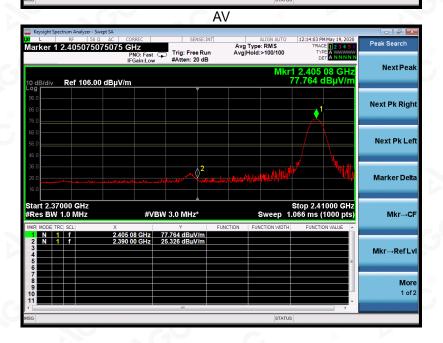






EUT	CROSSLANDER® 360°	Model Name	RC20
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 1	Antenna	Vertical

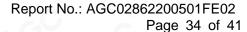




RESULT: PASS



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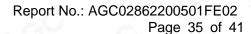
CROSSLANDER® 360° **Model Name** RC20 **EUT** 25°C **Relative Humidity** 55.4% **Temperature Pressure** 960hPa **Test Voltage** Normal Voltage **Test Mode** Mode 3 Antenna Horizontal





RESULT: PASS







RC20 **EUT** CROSSLANDER® 360° **Model Name** 25°C **Relative Humidity** 55.4% **Temperature Pressure** 960hPa **Test Voltage** Normal Voltage **Test Mode** Mode 3 Antenna Vertical

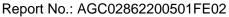


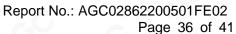


RESULT: PASS

Note: The factor had been edited in the "Input Correction" of the Spectrum Analyzer. So the Amplitude of test plots is equal to Reading level plus the Factor in dB. Use the A dB(μ V) to represent the Amplitude. Use the F dB(μ V/m) to represent the Field Strength. So A=F.

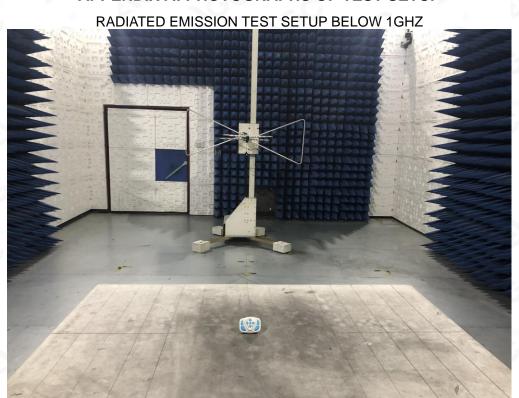






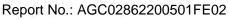


APPENDIX A: PHOTOGRAPHS OF TEST SETUP











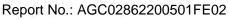
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APPENDIX B: PHOTOGRAPHS OF EUT











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FRONT VIEW OF EUT

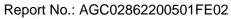








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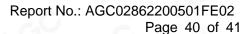




RIGHT VIEW OF EUT

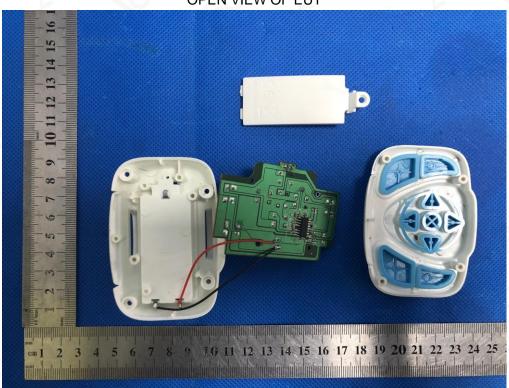




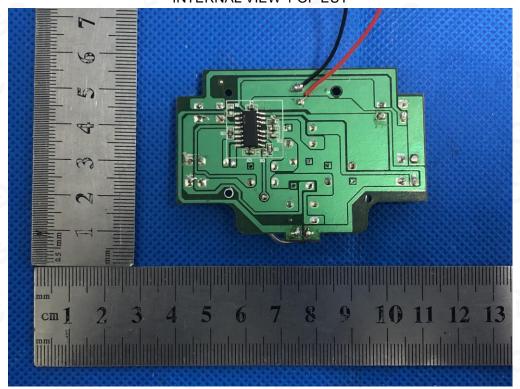






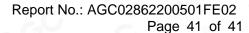


INTERNAL VIEW-1 OF EUT



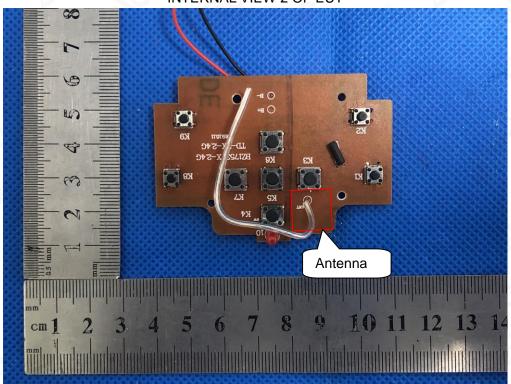


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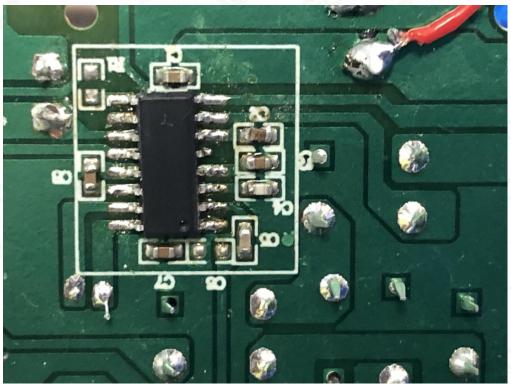




INTERNAL VIEW-2 OF EUT



INTERNAL VIEW-3 OF EUT



-END OF REPORT----



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