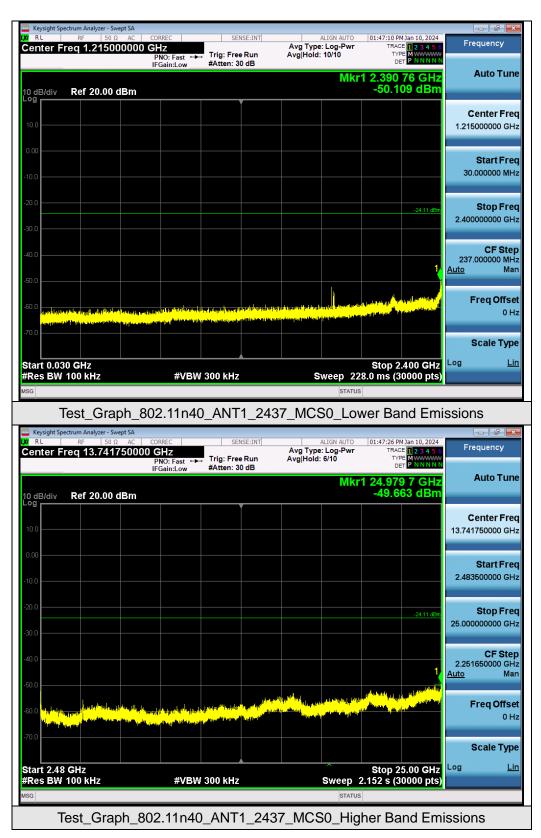
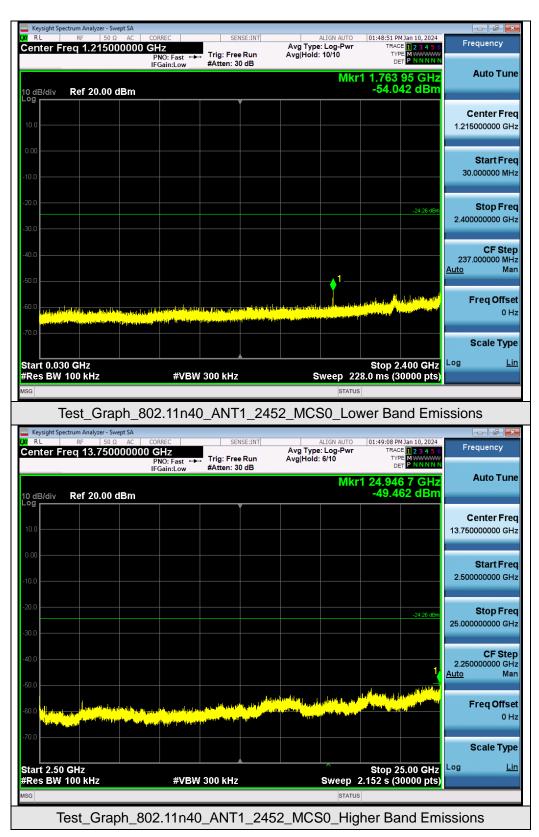
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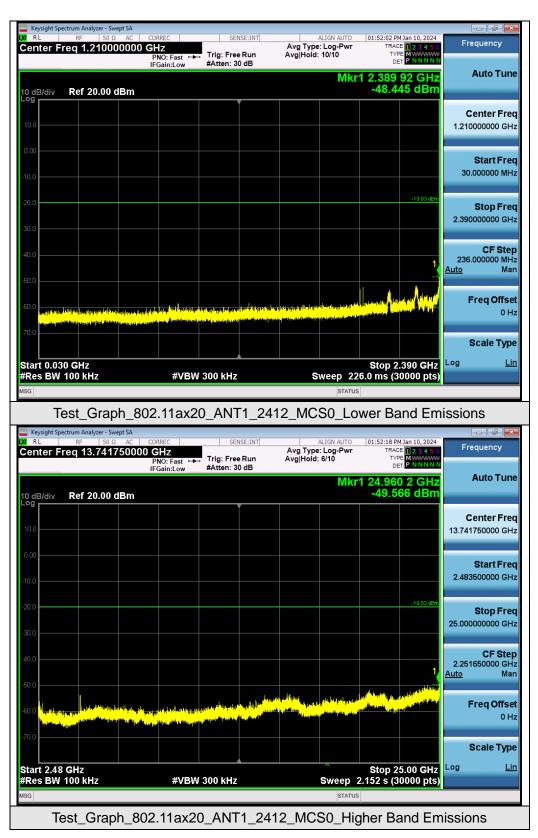
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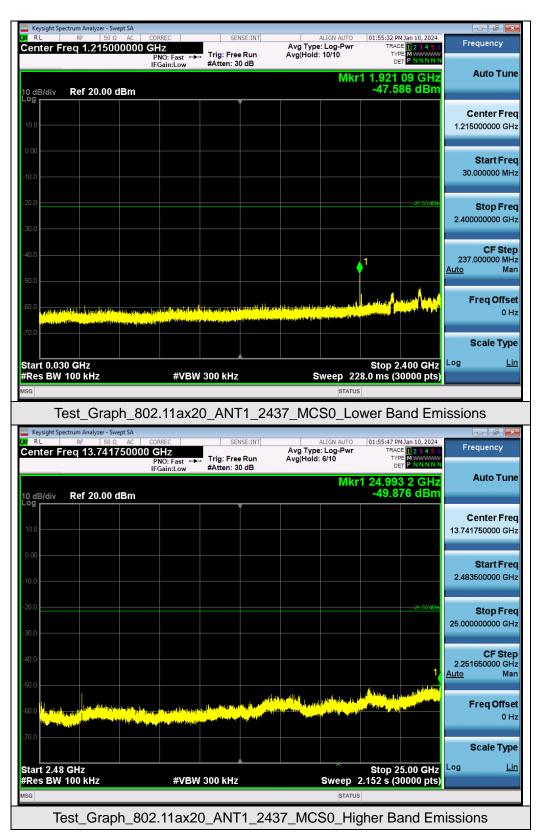
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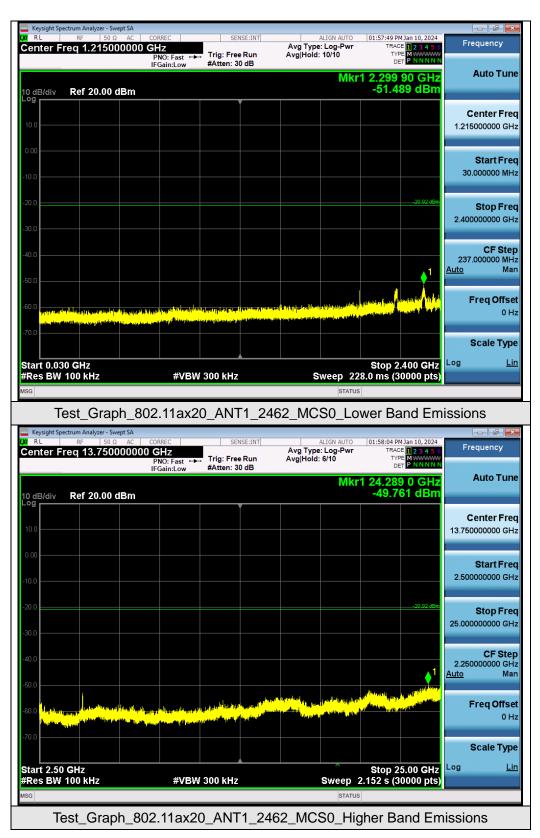
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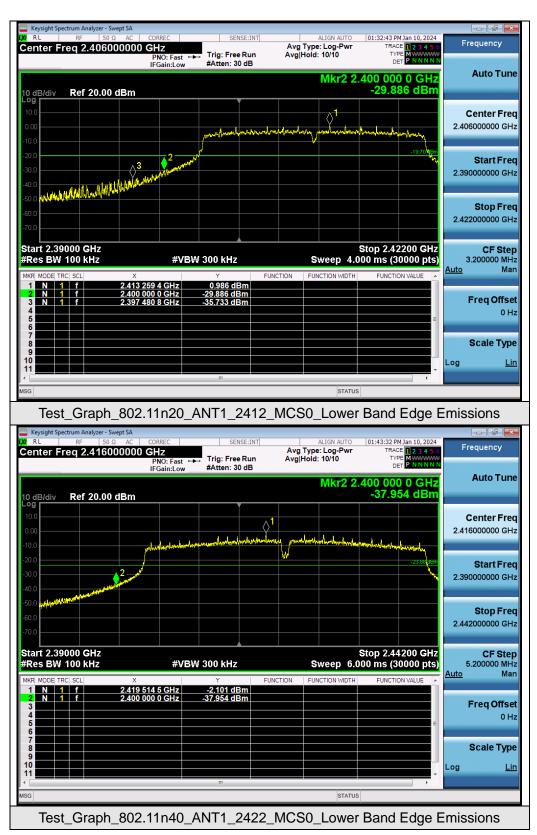




#### Test Graphs of Band Edge Emissions in Non-Restricted Frequency Bands

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KE RF 50 Ω AC     Center Freg 2.406000000	CORREC GHz	SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	01:52:26 PM Jan 10, 2024 TRACE 1 2 3 4 5 6	Frequency
10 dB/div Ref 20.00 dBm	PNO: Fast +++	Trig: Free Run #Atten: 30 dB	Avg Hold: 10/10	400 000 0 GHz -33.074 dBm	Auto Tune
10.0 0.00 -10.0		grander and a second second	antro-algorization	handbernorthealtheauth	Center Freq 2.406000000 GHz
-20.0 -30.0 -40.0 -60.0				-19.83 dBm	Start Freq 2.39000000 GHz
-60.0					<b>Stop Freq</b> 2.422000000 GHz
Start 2.39000 GHz           #Res BW 100 kHz           MKR MODE TRC  SCL         X	#VBW 3	Y FUI		Stop 2.42200 GHz 000 ms (30000 pts) FUNCTION VALUE	<b>CF Step</b> 3.200000 MHz <u>Auto</u> Man
2 N 1 f 2.400	000 0 GHz -3	0.907 dBm 3.074 dBm 4.208 dBm		E	Freq Offset 0 Hz
7 8 9 10 11					Scale Type Log <u>Lin</u>
MSG			STATUS		
Test_Graph_802.	11ax20_AI	NT1_2412_	_MCS0_Lowe	r Band Edge I	Emissions

Note: Emissions from 2483.5-2500MHz which fall in the restricted bands had been considered with the radiated emission limits specified.



# **11. Radiated Spurious Emission**

#### **11.1 Measurement Limits**

15.209(a) Limit in the below table has to be followed

Frequencies (MHz)	Field Strength (microvolts/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.

### **11.2 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 emission, 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.
  Any redating alternative (provided the transmitter operates for longer than 0.1 seconds), or jan cases where the

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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.
- The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP
Start ~Stop Frequency	1GHz~26.5GHz
Start ~Stop Trequency	1MHz/3MHz for Peak, 1MHz/3MHz for Average

Receiver Parameter	Setting
Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP



### • Quasi-Peak Measurements below 1GHz

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. Span was set greater than 1MHz
- 3. RBW = as shown in the table above
- 4. Detector = CISPR quasi-peak
- 5. Sweep time = auto couple
- 6. Trace was allowed to stabilize

#### • Peak Measurements above 1GHz

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW = 3MHz
- 4. Detector = peak
- 5. Sweep time = auto couple
- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize

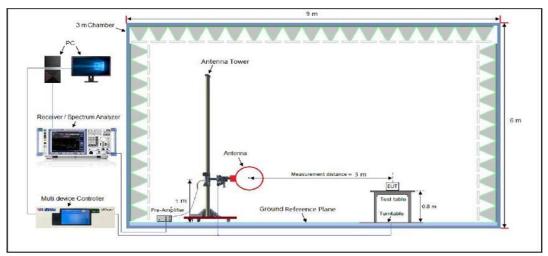
#### <u>Average Measurements above 1GHz (Method VB)</u>

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW setting requirements are as follows:
- 4. If the EUT is configured to transmit with duty cycle  $\ge$  98%, set VBW = 10 Hz.
- 5. If the EUT duty cycle is < 98%, set VBW  $\ge$  1/T. T is the minimum transmission duration.
- 6. Detector = Peak
- 7. Sweep time = auto
- 8. Trace mode = max hold

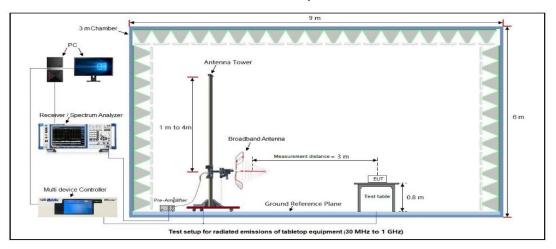


# 11.3 Measurement Setup (Block Diagram of Configuration)

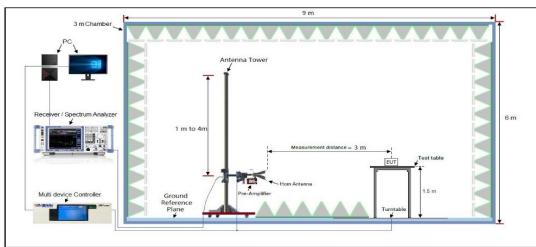




Radiated Emission Test Setup 30MHz-1000MHz



Radiated Emission Test Setup Above 1000MHz



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### **11.4 Measurement Result**

### Radiated Emission at 9kHz-30MHz

The amplitude of spurious emissions from 9kHz to 30MHz which are attenuated more than 20 dB below the permissible value need not be reported.

		Radi	ated Emiss	ion Test Res	ults at 30MHz	2-1GHz		
EUT Na	ame	WIFI/BT Module			Model Nam	ne	B200T-UA	A
Tempe	rature	22.2°C			Relative H	umidity	59.4%	
Pressu	ire	960hPa			Test Voltag	je	3.3V	
Test M	ode	Mode 1			Antenna P	olarity	Horizonta	
	72.0 dBu						•	
							imit: <u>—</u> largin: <u>—</u>	
Peak D	32 -8 30.000	40 50 60 70	amana da ana ana ana ana ana ana ana ana a	(MHz)	300	400 500 600		00
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	40.7016		13.85	40.00	19.62	100	150	Horizontal
2	104.903	3 22.74	16.25	43.50	20.76	100	180	Horizontal
3	444.8514	4 31.31	24.93	46.00	14.69	100	70	Horizontal
4	530.1014	4 31.12	24.54	46.00	14.88	100	210	Horizontal
5	622.8900	0 32.36	24.93	46.00	13.64	100	190	Horizontal
6	900.1474	4 37.49	31.78	46.00	8.51	100	140	Horizontal



		Ra	adiated Emis	sion Test Resu	lts at 30MHz	-1GHz		
EUT N	ame	WIFI/BT Mod	ule		Model Nar	ne	B200T-UA	L.
Tempe	erature	22.2°C			Relative H	lumidity	59.4%	
Pressu	ure	960hPa			Test Voltag	ge	3.3V	
Test M	lode	Mode 1			Antenna P	Polarity	Vertical	
	72.0 dB	uV/m					imit: — argin: —	
	32 	muntukentra ana ana ana ana ana ana ana ana ana a			ag dar dreed water a sub	- Annorma	55	
Peak D	-8 30.000	40 50 60	70 80	(MHz)	300	400 500 600	700 1000.00	0
Peak D	30.000 Data List Freq.	Leve	I Factor	Limit	Margin	Height	Angle	o Polarity
NO.	30.000 Data List Freq. [MHz]	Leve [dBµV/	l Factor m] [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
NO. 1	30.000 Data List Freq. [MHz] 59.4405	Leve [dBµV/ 5 25.02	l Factor m] [dB] 2 17.09	Limit [dBµV/m] 40.00	Margin [dB] 14.98	Height [cm] 100	Angle [°] 150	Polarity Vertical
NO. 1 2	30.000 Pata List Freq. [MHz] 59.4405 70.8315	Leve [dBµV/ 5 25.02 5 26.80	l Factor [dB] 2 17.09 0 16.99	Limit [dBµV/m] 40.00 40.00	Margin [dB] 14.98 13.2	Height [cm] 100 100	Angle [°] 150 180	Polarity Vertical Vertical
NO. 1 2 3	30.000 Pata List Freq. [MHz] 59.4405 70.8315 144.841	Leve [dBµV/ 5 25.02 5 26.80 8 25.30	l Factor [dB] 2 17.09 0 16.99 0 18.20	Limit [dBµV/m] 40.00 40.00 43.50	Margin [dB] 14.98 13.2 18.2	Height [cm] 100 100 100	Angle [°] 150 180 70	Polarity Vertical Vertical Vertical
NO. 1 2	30.000 Pata List Freq. [MHz] 59.4405 70.8315	Leve [dBµV/ 5 25.02 5 26.80 8 25.30 1 32.04	H Factor [dB] 2 17.09 0 16.99 0 18.20 4 25.81	Limit [dBµV/m] 40.00 40.00 43.50 46.00	Margin [dB] 14.98 13.2	Height [cm] 100 100	Angle [°] 150 180	Polarity Vertical Vertical

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

2. All test modes had been pre-tested. The mode 1 is the worst case and recorded in the report.

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EUT Name	WIFI/BT Mo	dule		Mode	el Name		B200T-	-UA
Temperature	22.2°C			Relat	ive Humidity		59.4%	
Pressure	960hPa			Test V	Voltage		3.3V	
Test Mode	Mode 1			Anter	nna Polarity		Horizo	ntal
	i							
Frequency	/ Meter Reading	Factor	Emission	Level	Limits	Ν	largin	
(MHz)	(dBµV)	(dB)	(dBµV/r	m)	(dBµV/m)		(dB)	Value Type
4824.000	45.12	0.08	45.2		74		-28.8	peak
4824.000	38.62	0.08	38.7		54		-15.3	AVG
7236.000	46.12	2.21	48.33	3	74	-	25.67	peak
7236.000	33.92	2.21	36.13	3	54	-	17.87	AVG
Remark:								
Factor = An	ntenna Factor + Cab	ole Loss – Pre-	amplifier.					
EUT Name	WIFI/BT Mo	dule		Mode	el Name		B200T-	-UA
Temperature				Relat	ive Humidity		59.4%	
iomporatare	22.2°C							
Pressure	22.2°C 960hPa			Test V	Voltage		3.3V	
•							3.3V Vertica	1
Pressure	960hPa				Voltage nna Polarity			I
Pressure Test Mode Frequency	960hPa Mode 1	Factor	Emission	<b>Anter</b> Level	Voltage nna Polarity Limits			
Pressure Test Mode	960hPa Mode 1	Factor (dB)		<b>Anter</b> Level	Voltage nna Polarity		Vertica	Value Type
Pressure Test Mode Frequency	960hPa Mode 1 / Meter Reading (dBμV)		Emission	Anter	Limits (dBµV/m) 74	N	Vertica <sup>1</sup> argin	Value Type peak
Pressure Test Mode Frequency (MHz)	960hPa Mode 1 / Meter Reading (dBμV) 42.25	(dB)	Emission (dBµV/r	Anter	Limits (dBµV/m) 74 54	N	Vertica <sup>(argin</sup>	Value Type
Pressure Test Mode Frequency (MHz) 4824.000	960hPa Моde 1 / Meter Reading (dBµV) 42.25 37.69	(dB) 0.08	Emission (dBµV/r 42.33	Anter	Limits (dBµV/m) 74	 	Vertica <sup>Aargin</sup> (dB) 31.67	Value Type peak
Pressure Test Mode Frequency (MHz) 4824.000 4824.000	960hPa Mode 1 / Meter Reading (dBμV) 42.25 37.69 44.48	(dB) 0.08 0.08	Emission (dBµV/r 42.33 37.77	Anter	Limits (dBµV/m) 74 54	 	Vertica /argin (dB) 31.67 16.23	Value Type peak AVG
Pressure Test Mode Frequency (MHz) 4824.000 4824.000 7236.000	960hPa Mode 1 / Meter Reading (dBμV) 42.25 37.69 44.48	(dB) 0.08 0.08 2.21	Emission (dBµV/r 42.33 37.77 46.69	Anter	Limits (dBµV/m) 74 54 74	 	Vertica /argin (dB) 31.67 16.23 27.31	Value Type peak AVG peak
Pressure Test Mode Frequency (MHz) 4824.000 4824.000 7236.000	960hPa Mode 1 / Meter Reading (dBμV) 42.25 37.69 44.48	(dB) 0.08 0.08 2.21	Emission (dBµV/r 42.33 37.77 46.69	Anter	Limits (dBµV/m) 74 54 74	 	Vertica /argin (dB) 31.67 16.23 27.31	Value Type peak AVG peak
Pressure Test Mode Frequency (MHz) 4824.000 4824.000 7236.000	960hPa Mode 1 / Meter Reading (dBμV) 42.25 37.69 44.48	(dB) 0.08 0.08 2.21	Emission (dBµV/r 42.33 37.77 46.69	Anter	Limits (dBµV/m) 74 54 74	 	Vertica /argin (dB) 31.67 16.23 27.31	Value Type peak AVG peak



EUT Name	WIFI/BT N	lodule		Mode	I Name		B200T-U	JA
<b>Femperature</b>	22.2° C			Relat	ive Humidity	1	59.4%	
Pressure	960hPa			Test \	Voltage		3.3V	
Fest Mode	Mode 2			Anter	nna Polarity		Horizont	tal
	·							
Frequency	Meter Reading	Factor	Emission	Level	Limits		Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/r	m)	(dBµV/m)		(dB)	value Type
4874.000	45.72	0.14	45.86	6	74		-28.14	peak
4874.000	37.26	0.14	37.4		54		-16.6	AVG
7311.000	42.13	2.36	44.49	9	74		-29.51	peak
7311.000	35.47	2.36	37.83	3	54		-16.17	AVG
						_		
Remark: Factor = Anten	nna Factor + Ca	ble Loss – Pre	e-amplifier.					
EUT Name	WIFI/BT N	/lodule		Mode	l Name		B200T-U	JA
Femperature	22.2°C			Relat	ive Humidity	/	59.4%	
Pressure	960hPa			Test \	Voltage		3.3V	
Fest Mode	Mode 2			Anter	nna Polarity		Vertical	
			1	. 1				
Frequency	Meter Reading	Factor	Emission Le		Limits	1	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	)	(dBµV/m)		(dB)	
4874.000	42.35	0.14	42.49		74		-31.51	peak
4874.000	34.51	0.14	34.65		54 74		-19.35	AVG peak
7311.000	42.59 31.94	2.36	44.95		74 54		- <u>29.05</u> -19.7	AVG
1311.000	31.94	2.30	34.3		54		-19.1	AvG
							1	
Remark:								



EUT Name		WIFI/BT Mo	odule		Model	Name	B200T-UA		
Temperature		22.2°C			Relativ	ve Humidity	59.4%	59.4%	
Pressure		960hPa			Test V	oltage	3.3V		
Test Mode		Mode 3			Anten	na Polarity	Horizontal		
Frequency	Me	ter Reading	Factor	Emissi	on Level	Limits	Margin	- Value Type	
(MHz)		(dBµV)	(dB)	(dBµ	uV/m)	(dBµV/m)	(dB)	value Type	
4924.000		44.31	0.22	44	.53	74	-29.47	peak	
4924.000		37.21	0.22	37	.43	54	-16.57	AVG	
7386.000		42.18	2.64	44	.82	74	-29.18	peak	
7386.000		34.59	2.64	37	.23	54	-16.77	AVG	
	1								
Remark: Factor = Anter	nna F	actor + Cab	le Loss – Pre-	amplifier.					
	nna F	actor + Cab WIFI/BT Mo		amplifier.	Model	Name	B200T-UA		
Factor = Anter	nna F			amplifier.		Name ve Humidity	B200T-UA 59.4%		
Factor = Anter	nna F	WIFI/BT Mo		amplifier.		ve Humidity			
Factor = Anter		WIFI/BT Mo 22.2°C		amplifier.	Relativ Test V	ve Humidity	59.4%		
Factor = Anter		WIFI/BT Mo 22.2° C 960hPa Mode 3	odule		Relativ Test V Anten	ve Humidity oltage na Polarity	59.4% 3.3V Vertical		
Factor = Anter		WIFI/BT Mo 22.2° C 960hPa Mode 3	odule	Emissio	Relative Test Ve Anten	ve Humidity oltage na Polarity Limits	59.4% 3.3V Vertical Margin		
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)		WIFI/BT Mc 22.2° C 960hPa Mode 3 ter Reading (dBµV)	odule Factor (dB)	Emissio (dBµ	Relativ Test V Anten on Level	ve Humidity oltage na Polarity Limits (dBµV/m)	59.4% 3.3V Vertical Margin (dB)	Value Type	
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4924.000		WIFI/BT Mc 22.2° C 960hPa Mode 3 ter Reading (dBµV) 41.53	Factor (dB) 0.22	Emissio (dBµ	Relative Test Ve Antenion Level JV/m) .75	Limits (dBµV/m) 74	59.4% 3.3V Vertical Margin (dB) -32.25	Value Type peak	
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4924.000         4924.000		WIFI/BT Mc 22.2° C 960hPa Mode 3 ter Reading (dBµV) 41.53 39.14	Factor (dB) 0.22 0.22	Emissio (dBµ 41 39	Relative Test Ve Antenion Level JV/m) .75 .36	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54	59.4% 3.3V Vertical Margin (dB) -32.25 -14.64	Value Type peak AVG	
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4924.000         7386.000		WIFI/BT Mc 22.2° C 960hPa Mode 3 ter Reading (dBµV) 41.53 39.14 47.12	Factor (dB) 0.22 0.22 2.64	Emissio (dBµ 41 39 49	Relative Test Ve Antenion Level V/m) .75 36 76	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54 74	59.4% 3.3V Vertical Margin (dB) -32.25 -14.64 -24.24	Value Type peak AVG peak	
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4924.000         4924.000		WIFI/BT Mc 22.2° C 960hPa Mode 3 ter Reading (dBµV) 41.53 39.14	Factor (dB) 0.22 0.22	Emissio (dBµ 41 39 49	Relative Test Ve Antenion Level JV/m) .75 .36	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54	59.4% 3.3V Vertical Margin (dB) -32.25 -14.64	Value Type peak AVG	
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4924.000         7386.000		WIFI/BT Mc 22.2° C 960hPa Mode 3 ter Reading (dBµV) 41.53 39.14 47.12	Factor (dB) 0.22 0.22 2.64	Emissio (dBµ 41 39 49	Relative Test Ve Antenion Level V/m) .75 36 76	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54 74	59.4% 3.3V Vertical Margin (dB) -32.25 -14.64 -24.24	Value Type peak AVG peak	



Radiated Emissions	Test Results above 1GHz
--------------------	-------------------------

EUT Name	WIFI/BT Mo	odule		Mode	l Name	B200T-L	JA
Temperature	22.2°C			Relative Humidity		59.4%	
Pressure	960hPa			Test Voltage		3.3V	
Test Mode	Mode 4			Anter	nna Polarity	Horizont	al
Frequency	Meter Reading	Factor	Emission	Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/ı	′m)	(dBµV/m)	(dB)	value Type
4824.000	47.33	0.08	47.41	1	74	-26.59	peak
4824.000	36.21	0.08	36.29	9	54	-17.71	AVG
7236.000	43.26	2.21	45.47	7	74	-28.53	peak
7236.000	31.29	2.21	33.5	5	54	-20.5	AVG
Remark: Factor = Anten	na Factor + Cabl	e Loss – Pre-	amplifier.				
	WIFI/BT Mo			Mode	I Name	B200T-L	JA
Factor = Anten					l Name ive Humidity	B200T-L 59.4%	JA
Factor = Anten	WIFI/BT Mo			Relati			JA
Factor = Anten	WIFI/BT Mo 22.2° C			Relati	ive Humidity	59.4%	JA
Factor = Anten	WIFI/BT Mo 22.2° C 960hPa Mode 4	odule		Relati Test \ Anter	ive Humidity /oltage nna Polarity	59.4% 3.3V Vertical	JA
Factor = Anten	WIFI/BT Mo 22.2°C 960hPa Mode 4 Meter Reading	odule	Emission	Relati Test \ Anter	ive Humidity /oltage nna Polarity	59.4% 3.3V Vertical	JA Value Type
Factor = Anten	WIFI/BT Mo 22.2° C 960hPa Mode 4 Meter Reading (dBµV)	Factor (dB)	Emission (dBµV/r	Relati Test \ Anter Level	ive Humidity /oltage nna Polarity Limits (dBµV/m)	59.4% 3.3V Vertical Margin (dB)	- Value Type
Factor = Anten         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4824.000	WIFI/BT Mo         22.2° C         960hPa         Mode 4         Meter Reading         (dBµV)         47.12	Factor (dB) 0.08	Emission (dBµV/r 47.2	Relati Test V Anter	Limits (dBµV/m) 74	59.4% 3.3V Vertical Margin (dB) -26.8	Value Type
Factor = Anten         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4824.000         4824.000	WIFI/BT Mo         22.2° C         960hPa         Mode 4         Meter Reading         (dBµV)         47.12         36.31	Factor (dB) 0.08 0.08	Emission (dBµV/r 47.2 36.39	Relati Test \ Anter	Limits (dBµV/m) 74 54	59.4% 3.3V Vertical Margin (dB) -26.8 -17.61	Value Type peak AVG
Factor = Anten         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4824.000         4824.000         7236.000	WIFI/BT Mo 22.2° C 960hPa Mode 4 Meter Reading (dBµV) 47.12 36.31 42.19	Factor (dB) 0.08 0.08 2.21	Emission (dBµV/r 47.2 36.39 44.4	Relati Test V Anter	Limits (dBµV/m) 74 54 74	59.4% 3.3V Vertical Margin (dB) -26.8 -17.61 -29.6	Value Type peak AVG peak
Factor = Anten         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4824.000         4824.000	WIFI/BT Mo         22.2° C         960hPa         Mode 4         Meter Reading         (dBµV)         47.12         36.31	Factor (dB) 0.08 0.08	Emission (dBµV/r 47.2 36.39	Relati Test V Anter	Limits (dBµV/m) 74 54	59.4% 3.3V Vertical Margin (dB) -26.8 -17.61	Value Type peak AVG
Factor = Anten         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4824.000         4824.000         7236.000	WIFI/BT Mo 22.2° C 960hPa Mode 4 Meter Reading (dBµV) 47.12 36.31 42.19	Factor (dB) 0.08 0.08 2.21	Emission (dBµV/r 47.2 36.39 44.4	Relati Test V Anter	Limits (dBµV/m) 74 54 74	59.4% 3.3V Vertical Margin (dB) -26.8 -17.61 -29.6	Value Type peak AVG peak



EUT Name		WIFI/BT M	odule		Mode	el Name		B200T-U	A
Temperature	nperature 22.2° C				Relative Humidity		59.4%		
Pressure		960hPa			Test Voltage3.3V				
Test Mode		Mode 5			Ante	nna Polarity		Horizont	al
Frequency	Me	eter Reading	Factor	Emissio	n Level	Limits		Margin	Value Type
(MHz)		(dBµV)	(dB)	(dBµ∖	//m)	(dBµV/m)		(dB)	
4874.000		43.27	0.14	43.4	41	74		-30.59	peak
4874.000		39.13	0.14	39.2	27	54		-14.73	AVG
7311.000		42.39	2.36	44.7	-	74		-29.25	peak
7311.000		34.92	2.36	37.2	28	54		-16.72	AVG
							_		
			<u>ele Loss – Pre</u>						
EUT Name		WIFI/BT M		<b>I</b>	Mode	el Name		B200T-U	A
EUT Name Temperature		WIFI/BT M 22.2°C				el Name tive Humidity	,	B200T-U 59.4%	A
					Relat		,		A
Temperature Pressure		22.2° C			Relat	tive Humidity	,	59.4%	A
Temperature Pressure Test Mode		22.2°C 960hPa Mode 5	odule		Relat Test	tive Humidity Voltage nna Polarity		59.4% 3.3V Vertical	ΙΑ 
Temperature Pressure Test Mode Frequency		22.2°C 960hPa Mode 5	odule	Emission	Relat Test	tive Humidity Voltage nna Polarity Limits		59.4% 3.3V Vertical /argin	Value Type
Temperature Pressure Test Mode Frequency (MHz)		22.2°C 960hPa Mode 5 er Reading (dBµV)	Factor (dB)	Emission I (dBµV/n	Relat Test	tive Humidity Voltage nna Polarity Limits (dBμV/m)		59.4% 3.3V Vertical /argin (dB)	Value Type
Temperature Pressure Test Mode Frequency (MHz) 4874.000		22.2° C 960hPa Mode 5 er Reading (dBµV) 41.28	Factor (dB) 0.14	Emission I (dBµV/n 41.42	Relat Test	Limits (dBµV/m) 74	 	59.4% 3.3V Vertical /argin (dB) 32.58	Value Type peak
Temperature Pressure Test Mode Frequency (MHz) 4874.000 4874.000		22.2° C 960hPa Mode 5 er Reading (dBµV) 41.28 36.25	Factor (dB) 0.14 0.14	Emission I (dBµV/n 41.42 36.39	Relat Test	tive Humidity Voltage nna Polarity Limits (dBµV/m) 74 54	<u> </u>	59.4% 3.3V Vertical /argin (dB) 32.58 17.61	Value Type peak AVG
Temperature           Pressure           Test Mode           Frequency           (MHz)           4874.000           4874.000           7311.000		22.2° C 960hPa Mode 5 er Reading (dBµV) 41.28 36.25 41.46	Factor (dB) 0.14 0.14 2.36	Emission I (dBµV/n 41.42 36.39 43.82	Relat Test	tive Humidity Voltage nna Polarity Limits (dBμV/m) 74 54 74		59.4% 3.3V Vertical /argin (dB) 32.58 17.61 30.18	Value Type peak AVG peak
Temperature Pressure Test Mode Frequency (MHz) 4874.000 4874.000		22.2° C 960hPa Mode 5 er Reading (dBµV) 41.28 36.25	Factor (dB) 0.14 0.14	Emission I (dBµV/n 41.42 36.39	Relat Test	tive Humidity Voltage nna Polarity Limits (dBµV/m) 74 54		59.4% 3.3V Vertical /argin (dB) 32.58 17.61	Value Type peak AVG
Temperature           Pressure           Test Mode           Frequency           (MHz)           4874.000           4874.000           7311.000           7311.000		22.2° C 960hPa Mode 5 er Reading (dBµV) 41.28 36.25 41.46	Factor (dB) 0.14 0.14 2.36	Emission I (dBµV/n 41.42 36.39 43.82	Relat Test	tive Humidity Voltage nna Polarity Limits (dBμV/m) 74 54 74		59.4% 3.3V Vertical /argin (dB) 32.58 17.61 30.18	Value Type peak AVG peak
Temperature Pressure Test Mode Frequency (MHz) 4874.000 4874.000 7311.000		22.2° C 960hPa Mode 5 er Reading (dBµV) 41.28 36.25 41.46 34.19	Factor (dB) 0.14 0.14 2.36 2.36	Emission I (dBµV/n 41.42 36.39 43.82 36.55	Relat Test	tive Humidity Voltage nna Polarity Limits (dBμV/m) 74 54 74		59.4% 3.3V Vertical /argin (dB) 32.58 17.61 30.18	Value Type peak AVG peak



EUT Name	WIFI/BT M	WIFI/BT Module		Model	Name	B200T-UA	L .	
Temperature	22.2° C			Relative Humidity		59.4%		
Pressure	960hPa	960hPa Mode 6			oltage	3.3V	3.3V	
Test Mode	Mode 6				na Polarity	Horizontal		
	L							
Frequency	Meter Reading	Factor	Emissi	on Level	Limits	Margin	Value Type	
(MHz)	(dBµV)	(dB)	(dBµ	uV/m)	(dBµV/m)	(dB)	value Type	
4924.000	44.38	0.22	44	4.6	74	-29.4	peak	
4924.000	37.29	0.22	37	.51	54	-16.49	AVG	
7386.000	40.09	2.64	42	.73	74	-31.27	peak	
7386.000	34.18	2.64	36	.82	54	-17.18	AVG	
Remark:								
	nna Factor + Cab	le Loss – Pre-	amplifier.					
	nna Factor + Cab		amplifier.	Model	Name	B200T-UA		
Factor = Anter			amplifier.		Name ve Humidity	B200T-UA 59.4%	<u>.</u>	
Factor = Anter	WIFI/BT M		amplifier.		ve Humidity		<u> </u>	
Factor = Anter	WIFI/BT M 22.2° C		amplifier.	Relativ Test V	ve Humidity	59.4%		
Factor = Anter EUT Name Temperature Pressure Test Mode	WIFI/BT M 22.2° C 960hPa Mode 6		amplifier.	Relativ Test V	ve Humidity oltage	59.4% 3.3V Vertical		
Factor = Anter	WIFI/BT M 22.2°C 960hPa Mode 6 Meter Reading	odule		Relativ Test V	ve Humidity oltage na Polarity Limits	59.4% 3.3V Vertical Margin		
Factor = Anter EUT Name Temperature Pressure Test Mode	WIFI/BT M 22.2° C 960hPa Mode 6	odule Factor (dB)	Emissio	Relativ Test V Anten	ve Humidity oltage na Polarity	59.4% 3.3V Vertical	Value Type	
Factor = Anter	WIFI/BT M 22.2°C 960hPa Mode 6 Meter Reading	odule	Emissio (dBµ	Relativ Test V Anten	ve Humidity oltage na Polarity Limits	59.4% 3.3V Vertical Margin	Value Type	
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)	WIFI/BT M 22.2° C 960hPa Mode 6 Meter Reading (dBµV)	odule Factor (dB)	Emissio (dBµ 45	Relativ Test V Anten	ve Humidity oltage na Polarity Limits (dBµV/m)	59.4% 3.3V Vertical Margin (dB)	Value Type peak AVG	
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4924.000         4924.000         7386.000	WIFI/BT M         22.2° C         960hPa         Mode 6         Meter Reading         (dBµV)         45.27	Factor (dB) 0.22	Emissio (dBµ 45 37	Relative Test V Anten on Level uV/m)	Limits (dBµV/m) 74	59.4% 3.3V Vertical Margin (dB) -28.51	Value Type peak AVG peak	
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4924.000         4924.000	WIFI/BT M 22.2° C 960hPa Mode 6 Meter Reading (dBµV) 45.27 37.43	Factor (dB) 0.22 0.22	Emissio (dBµ 45 37 44	Relative Test V Anten on Level JV/m) .49 .65	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54	59.4% 3.3V Vertical Margin (dB) -28.51 -16.35	Value Type peak AVG	
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4924.000         4924.000         7386.000	WIFI/BT M 22.2° C 960hPa Mode 6 Meter Reading (dBµV) 45.27 37.43 41.92	Factor           (dB)           0.22           0.22           2.64	Emissio (dBµ 45 37 44	Relative Test V Anten On Level UV/m) 5.49 5.65 5.56	Limits (dBµV/m) 74 54 74	59.4% 3.3V Vertical Margin (dB) -28.51 -16.35 -29.44	Value Type peak AVG peak	
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4924.000         4924.000         7386.000	WIFI/BT M 22.2° C 960hPa Mode 6 Meter Reading (dBµV) 45.27 37.43 41.92	Factor           (dB)           0.22           0.22           2.64	Emissio (dBµ 45 37 44	Relative Test V Anten On Level UV/m) 5.49 5.65 5.56	Limits (dBµV/m) 74 54 74	59.4% 3.3V Vertical Margin (dB) -28.51 -16.35 -29.44	Value Type peak AVG peak	



Radiated Emissions	Test Results above 1GHz
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EUT Name	WIFI/BT Mo	dule		Mode	l Name	B200T-L	JA	
Temperature	22.2°C	22.2° C			ive Humidity	59.4%	59.4%	
Pressure	essure 960hPa			Test Voltage		3.3V		
Test Mode	Mode 7			Anter	na Polarity	Horizont	al	
Frequency	Meter Reading	Factor	Emission	Level	Limits	Margin	Value Type	
(MHz)	(dBµV)	(dB)	(dBµV/r	′m)	(dBµV/m)	(dB)	value Type	
4824.000	44.36	0.08	44.44		74	-29.56	peak	
4824.000	35.28	0.08	35.36	6	54	-18.64	AVG	
7236.000	43.09	2.21	45.3	3	74	-28.7	peak	
7236.000	33.81	2.21	36.02	2	54	-17.98	AVG	
Demerly								
Remark: Factor = Anter	nna Factor + Cable	e Loss – Pre-	amplifier.					
	nna Factor + Cable WIFI/BT Mo			Mode	I Name	B200T-U	JA	
Factor = Anter					l Name ive Humidity	B200T-L 59.4%	JA	
Factor = Anter	WIFI/BT Mo			Relati			JA	
Factor = Anter	WIFI/BT Mo 22.2°C			Relati Test \	ive Humidity	59.4%	JA	
Factor = Anter EUT Name Temperature Pressure Test Mode	WIFI/BT Mo 22.2°C 960hPa Mode 7	dule		Relati Test \ Anter	ive Humidity /oltage nna Polarity	59.4% 3.3V Vertical	JA	
Factor = Anter	WIFI/BT Mo 22.2°C 960hPa Mode 7 Meter Reading	dule Factor	Emission	Relati Test \ Anter	ive Humidity /oltage nna Polarity	59.4% 3.3V Vertical Margin	JA Value Type	
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)	WIFI/BT Mo 22.2° C 960hPa Mode 7 Meter Reading (dBµV)	dule Factor (dB)	Emission (dBµV/r	Relati Test \ Anter Level	ive Humidity /oltage na Polarity Limits (dBµV/m)	59.4% 3.3V Vertical Margin (dB)	Value Type	
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4824.000	WIFI/BT Mo         22.2° C         960hPa         Mode 7         Meter Reading         (dBµV)         46.16	dule Factor (dB) 0.08	Emission (dBµV/r 46.24	Relati Test V Anter Level (m) 4	Limits (dBµV/m) 74	59.4% 3.3V Vertical Margin (dB) -27.76	Value Type	
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4824.000         4824.000	WIFI/BT Mo         22.2° C         960hPa         Mode 7         Meter Reading         (dBµV)         46.16         34.42	dule Factor (dB) 0.08 0.08	Еmission (dBµV/r 46.24 34.5	Relati Test \ Anter Level (m) 4 5	Limits (dBµV/m) 74 54	59.4% 3.3V Vertical Margin (dB) -27.76 -19.5	Value Type peak AVG	
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4824.000         4824.000         7236.000	WIFI/BT Mo         22.2° C         960hPa         Mode 7         Meter Reading         (dBµV)         46.16         34.42         44.05	Factor (dB) 0.08 0.08 2.21	Emission (dBµV/r 46.24 34.5 46.26	Relati Test V Anter	Limits (dBµV/m) 74 54 74	59.4% 3.3V Vertical Margin (dB) -27.76 -19.5 -27.74	Value Type peak AVG peak	
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4824.000         4824.000	WIFI/BT Mo         22.2° C         960hPa         Mode 7         Meter Reading         (dBµV)         46.16         34.42	dule Factor (dB) 0.08 0.08	Еmission (dBµV/r 46.24 34.5	Relati Test V Anter	Limits (dBµV/m) 74 54	59.4% 3.3V Vertical Margin (dB) -27.76 -19.5	Value Type peak AVG	
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4824.000         4824.000         7236.000	WIFI/BT Mo         22.2° C         960hPa         Mode 7         Meter Reading         (dBµV)         46.16         34.42         44.05	Factor (dB) 0.08 0.08 2.21	Emission (dBµV/r 46.24 34.5 46.26	Relati Test V Anter	Limits (dBµV/m) 74 54 74	59.4% 3.3V Vertical Margin (dB) -27.76 -19.5 -27.74	Value Type peak AVG peak	



Radiated Emissions Tes	at Results above 1GHz
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EUT Name		WIFI/BT M	odule		Mode	el Name		B200T-U	A		
Temperature	ture 22.2° C			Relative Humidity		59.4%					
Pressure		960hPa			Test Voltage			3.3V			
Test Mode		Mode 8			Ante	nna Polarity		Horizontal			
Frequency	Me	eter Reading	Factor	Emissio	n Level	Limits		Margin	- Value Type		
(MHz)		(dBµV)	(dB)	(dBµ\	//m)	(dBµV/m)		(dB)	value Type		
4874.000		41.73	0.14	41.8	37	74		-32.13	peak		
4874.000		36.14	0.14	36.2	28	54		-17.72	AVG		
7311.000		42.35	2.36	44.7	71	74		-29.29	peak		
7311.000		35.17	2.36	37.5	53	54		-16.47	AVG		
							4				
				a na milifi a n							
Factor = Ante	enna F			-amplifier.	B4 c da	1. 1. 1		DOODT	•		
	enna F	Factor + Cab		-amplifier.	Mode	el Name		B200T-U	A		
EUT Name	enna F			-amplifier.		el Name ive Humidity		B200T-U. 59.4%	A		
EUT Name	enna F	WIFI/BT M		-amplifier.	Relat				A		
EUT Name Temperature Pressure	enna F	WIFI/BT M 22.2°C		-amplifier.	Relat	ive Humidity		59.4%	A		
EUT Name Temperature Pressure Test Mode		WIFI/BT M 22.2°C 960hPa Mode 8	odule		Relat Test Anter	ive Humidity Voltage nna Polarity		59.4% 3.3V Vertical	A		
EUT Name Temperature Pressure Test Mode	Mete	WIFI/BT M 22.2°C 960hPa Mode 8	odule	Emission I	Relat Test	ive Humidity Voltage nna Polarity		59.4% 3.3V Vertical /argin	A Value Type		
EUT Name Temperature Pressure Test Mode Frequency (MHz)	Mete	WIFI/BT M 22.2°C 960hPa Mode 8 er Reading (dBµV)	odule Factor (dB)	Emission I (dBµV/n	Relat Test	ive Humidity Voltage nna Polarity Limits (dBµV/m)	N	59.4% 3.3V Vertical /argin (dB)	Value Type		
EUT Name Temperature Pressure Test Mode Frequency (MHz) 4874.000	Mete	WIFI/BT M 22.2° C 960hPa Mode 8 er Reading (dBµV) 47.36	odule Factor (dB) 0.14	Emission I (dBµV/n 47.5	Relat Test	ive Humidity Voltage nna Polarity Limits (dBµV/m) 74	M	59.4% 3.3V Vertical /argin (dB) -26.5	Value Type peak		
EUT Name Temperature Pressure Test Mode Frequency (MHz) 4874.000 4874.000	Mete	WIFI/BT M 22.2° C 960hPa Mode 8 er Reading (dBµV) 47.36 36.27	odule Factor (dB) 0.14 0.14	Emission I (dBµV/n 47.5 36.41	Relat Test	ive Humidity Voltage nna Polarity Limits (dBµV/m) 74 54	N	59.4% 3.3V Vertical /argin (dB) -26.5 17.59	Value Type peak AVG		
EUT Name Temperature Pressure Test Mode Frequency (MHz) 4874.000 4874.000 7311.000	Mete	WIFI/BT M 22.2° C 960hPa Mode 8 er Reading (dBμV) 47.36 36.27 42.17	odule           Factor           (dB)           0.14           0.14           2.36	Emission I (dBµV/n 47.5 36.41 44.53	Relat	ive Humidity Voltage nna Polarity Limits (dBµV/m) 74 54 74	N	59.4% 3.3V Vertical /argin (dB) -26.5 17.59 -29.47	Value Type peak AVG peak		
EUT Name Temperature Pressure Test Mode Frequency (MHz) 4874.000 4874.000	Mete	WIFI/BT M 22.2° C 960hPa Mode 8 er Reading (dBµV) 47.36 36.27	odule Factor (dB) 0.14 0.14	Emission I (dBµV/n 47.5 36.41	Relat	ive Humidity Voltage nna Polarity Limits (dBµV/m) 74 54	N	59.4% 3.3V Vertical /argin (dB) -26.5 17.59	Value Type peak AVG		
EUT Name Temperature Pressure Test Mode Frequency (MHz) 4874.000 4874.000 7311.000 7311.000	Mete	WIFI/BT M 22.2° C 960hPa Mode 8 er Reading (dBμV) 47.36 36.27 42.17	odule           Factor           (dB)           0.14           0.14           2.36	Emission I (dBµV/n 47.5 36.41 44.53	Relat	ive Humidity Voltage nna Polarity Limits (dBµV/m) 74 54 74	N	59.4% 3.3V Vertical /argin (dB) -26.5 17.59 -29.47	Value Type peak AVG peak		
EUT Name Temperature Pressure Test Mode Frequency (MHz) 4874.000 4874.000 7311.000	Mete	WIFI/BT M 22.2° C 960hPa Mode 8 er Reading (dBµV) 47.36 36.27 42.17 30.82	Factor           (dB)           0.14           0.14           2.36           2.36	Emission I (dBµV/n 47.5 36.41 44.53 33.18	Relat	ive Humidity Voltage nna Polarity Limits (dBµV/m) 74 54 74	N	59.4% 3.3V Vertical /argin (dB) -26.5 17.59 -29.47	Value Type peak AVG peak		



EUT Name	WIF	I/BT Mo	odule		Model	Name	B200T-UA	
Temperature	re 22.2° C					ve Humidity	59.4%	
		960hPa		Test V	oltage	3.3V	3.3V	
Test Mode	Mod	e 9			Anten	na Polarity	Horizontal	
Frequency	Meter Re	ading	Factor	Emissi	on Level	Limits	Margin	
(MHz)	(dBµ'	V)	(dB)	(dBµ	uV/m)	(dBµV/m)	(dB)	Value Type
4924.000	48.6	3	0.22	48	.85	74	-25.15	peak
4924.000	37.4	2	0.22	37	.64	54	-16.36	AVG
7386.000	43.7	7	2.64	46	.34	74	-27.66	peak
7386.000	33.2	6	2.64	3	5.9	54	-18.1	AVG
Remark: Factor = Anter	na Factor	+ Cab	le Loss – Pre-	amplifier.				
Remark: Factor = Anter		+ Cab		amplifier.	Model	Name	B200T-UA	
Factor = Anter		I/BT Mo		amplifier.	Model	Name ve Humidity	B200T-UA 59.4%	
Factor = Anter	WIF	I/BT Mo °C		amplifier.	Model	ve Humidity		
Factor = Anter EUT Name Temperature Pressure	WIF	I/BT Mo °C nPa		amplifier.	Model Relativ Test V	ve Humidity	59.4%	
Factor = Anter EUT Name Temperature Pressure Test Mode	WIFI 22.2 960r Mod	l/BT Mo °C nPa e9		amplifier.	Model Relativ Test V	ve Humidity oltage na Polarity	59.4% 3.3V Vertical	
Factor = Anter	WIFI 22.2 960r Mod	I/BT Mo °C nPa e9 ading		Emissi	Model Relativ Test V Anten	ve Humidity oltage na Polarity Limits	59.4% 3.3V	
Factor = Anter	WIFI 22.2 960r Mod	I/BT Mo °C nPa e9 ading	odule	Emissi	Model Relativ Test V Anten	ve Humidity oltage na Polarity	59.4% 3.3V Vertical	Value Type
Factor = Anter	WIFI 22.2 960r Mod	I/BT Mo °C nPa e9 ading V)	Factor	Emissio (dBµ	Model Relativ Test V Anten	ve Humidity oltage na Polarity Limits	59.4% 3.3V Vertical	Value Type
Factor = Anter	WIFI 22.2 960h Mod Meter Rea (dBµ)	I/BT Mo ° C nPa e 9 ading V) 2	odule Factor (dB)	Emissie (dBµ 48	Model Relativ Test V Anten on Level	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54	59.4% 3.3V Vertical Margin (dB)	Value Type peak AVG
Factor = Anter           EUT Name           Femperature           Pressure           Fest Mode           Frequency           (MHz)           4924.000           7386.000	WIFI 22.2 960h Mod Meter Rea (dBµ 48.2 36.5 41.3	I/BT Mo ° C nPa e 9 ading V) 2 2 8	Factor (dB) 0.22 0.22 2.64	Emissio (dBµ 48 36	Model Relativ Test V Anten on Level	ve Humidity oltage na Polarity Limits (dBµV/m) 74	59.4% 3.3V Vertical Margin (dB) -25.56 -17.26 -29.98	Value Type peak AVG peak
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4924.000         4924.000	WIFI 22.2 960r Mod Meter Re (dBµ' 48.2 36.5	I/BT Mo ° C nPa e 9 ading V) 2 2 8	Factor (dB) 0.22 0.22	Emissio (dBµ 48 36 44	Model Relativ Test V Anten On Level JV/m) 3.44	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54	59.4% 3.3V Vertical Margin (dB) -25.56 -17.26	Value Type peak AVG
Factor = AnterEUT NameTemperaturePressurePressureTest ModeFrequency (MHz)4924.0004924.0007386.000	WIFI 22.2 960h Mod Meter Rea (dBµ 48.2 36.5 41.3	I/BT Mo ° C nPa e 9 ading V) 2 2 8	Factor (dB) 0.22 0.22 2.64	Emissio (dBµ 48 36 44	Model Relativ Test V Anten Anten V/m) 44 .74	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54 74	59.4% 3.3V Vertical Margin (dB) -25.56 -17.26 -29.98	Value Type peak AVG peak
Factor = AnterEUT NameTemperaturePressurePressureTest ModeFrequency (MHz)4924.0004924.0007386.000	WIFI 22.2 960h Mod Meter Rea (dBµ 48.2 36.5 41.3	I/BT Mo ° C nPa e 9 ading V) 2 2 8	Factor (dB) 0.22 0.22 2.64	Emissio (dBµ 48 36 44	Model Relativ Test V Anten Anten V/m) 44 .74	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54 74	59.4% 3.3V Vertical Margin (dB) -25.56 -17.26 -29.98	Value Type peak AVG peak



Radiated Emissions Tes	at Results above 1GHz
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EUT	Name	WIFI/BT Mo	dule		Mode		B200T-L	
Tem	perature	22.2°C			Relat	ive Humidity	59.4%	
Pres	ssure	960hPa			Test V	Voltage	3.3V	
Test	t Mode	Mode 10			Anter	nna Polarity	Horizont	al
		·						
	Frequency	Meter Reading	Factor	Emissior	n Level	Limits	Margin	Value Type
	(MHz)	(dBµV)	(dB)	(dBµV	//m)	(dBµV/m)	(dB)	value Type
	4824.000	44.61	0.08	44.6	69	74	-29.31	peak
	4824.000	38.22	0.08	38.3	3	54	-15.7	AVG
	7236.000	43.06	2.21	45.2	27	74	-28.73	peak
	7236.000	31.27	2.21	33.4	8	54	-20.52	AVG
R	Remark:							•
		na Factor + Cabl	e Loss – Pre-	amplifier.				•
F		ina Factor + Cabl		amplifier.	Mode	I Name	B200T-U	JA
EUT	actor = Anten			amplifier.		I Name	B200T-U 59.4%	JA
EUT Tem	actor = Anten	WIFI/BT Mc		amplifier.	Relat			JA
EUT Tem Pres	actor = Anten Name perature	WIFI/BT Mc		amplifier.	Relat	ive Humidity	59.4%	JA
EUT Tem Pres	actor = Anten Name Nperature ssure t Mode	WIFI/BT Mo 22.2°C 960hPa Mode 10		amplifier.	Relat	ive Humidity /oltage	59.4% 3.3V Vertical	JA
EUT Tem Pres	T Name T Name T Name Ssure T Mode Frequency	WIFI/BT Mo 22.2°C 960hPa Mode 10	Factor	Emission	Relat Test V Anter	ive Humidity Voltage nna Polarity	59.4% 3.3V Vertical	1
EUT Tem Pres	T Name T Name T Name T Name T Name T Name T Node T T Node T T T T T T T T T T T T T T T T T T T	WIFI/BT Mo 22.2° C 960hPa Mode 10 Meter Reading (dBµV)	odule Factor (dB)	Emissior (dBµV	Relat Test V Anter	ive Humidity Voltage nna Polarity Limits (dBµV/m)	59.4% 3.3V Vertical Margin (dB)	Value Type
EUT Tem Pres	actor = Anten <b>Name nperature ssure t Mode</b> Frequency         (MHz)         4824.000	WIFI/BT Mc 22.2° C 960hPa Mode 10 Meter Reading (dBµV) 43.19	Factor (dB) 0.08	Emissior (dBµV 43.2	Relat Test V Anter	ive Humidity Voltage nna Polarity Limits (dBµV/m) 74	59.4% 3.3V Vertical Margin (dB) -30.73	Value Type
EUT Tem Pres	actor = Anten <b>Name nperature ssure t Mode</b> Frequency         (MHz)         4824.000         4824.000	WIFI/BT Mc         22.2° C         960hPa         Mode 10         Meter Reading         (dBµV)         43.19         38.27	Factor (dB) 0.08 0.08	Emission (dBµV 43.2 38.3	Relat Test Anter Level (/m) 27 35	ive Humidity /oltage nna Polarity Limits (dBµV/m) 74 54	59.4% 3.3V Vertical Margin (dB) -30.73 -15.65	Value Type peak AVG
EUT Tem Pres	actor = Anten <b>Name nperature ssure t Mode</b> Frequency         (MHz)         4824.000         4824.000         7236.000	WIFI/BT Mc         22.2° C         960hPa         Mode 10         Meter Reading         (dBµV)         43.19         38.27         44.06	Factor (dB) 0.08 0.08 2.21	Emission (dBµV 43.2 38.3 46.2	Relat Test Anter Level (/m) 27 25 27	Limits (dBµV/m) 74 54 74	59.4% 3.3V Vertical Margin (dB) -30.73 -15.65 -27.73	Value Type peak AVG peak
EUT Tem Pres	actor = Anten <b>Name nperature ssure t Mode</b> Frequency         (MHz)         4824.000         4824.000	WIFI/BT Mc         22.2° C         960hPa         Mode 10         Meter Reading         (dBµV)         43.19         38.27	Factor (dB) 0.08 0.08	Emission (dBµV 43.2 38.3	Relat Test Anter Level (/m) 27 25 27	ive Humidity /oltage nna Polarity Limits (dBµV/m) 74 54	59.4% 3.3V Vertical Margin (dB) -30.73 -15.65	Value Type peak AVG
EUT Tem Press Test	actor = Anten <b>Name nperature ssure t Mode</b> Frequency         (MHz)         4824.000         4824.000         7236.000	WIFI/BT Mc         22.2° C         960hPa         Mode 10         Meter Reading         (dBµV)         43.19         38.27         44.06	Factor (dB) 0.08 0.08 2.21	Emission (dBµV 43.2 38.3 46.2	Relat Test Anter Level (/m) 27 25 27	Limits (dBµV/m) 74 54 74	59.4% 3.3V Vertical Margin (dB) -30.73 -15.65 -27.73	Value Type peak AVG peak



Radiated Emissions	Test Results above 1GHz
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EUT Name	V	/IFI/BT M	odule		Mode	I Name	B200T-U	IA
Temperature	22	2.2°C			Relat	ive Humidity	59.4%	
Pressure	90	60hPa			Test V	Voltage	3.3V	
Test Mode	М	lode 11			Anter	nna Polarity	Horizont	al
Frequency	Meter	Reading	Factor	Emissior	n Level	Limits	Margin	) (alua Tara
(MHz)	(d	BµV)	(dB)	(dBµ∖	//m)	(dBµV/m)	(dB)	Value Type
4874.000	40	0.39	0.14	40.5	53	74	-33.47	peak
4874.000	3	1.61	0.14	31.7	75	54	-22.25	AVG
7311.000	4:	3.04	2.36	45.	4	74	-28.6	peak
7311.000	3	1.42	2.36	33.7	78	54	-20.22	AVG
Remark:								
Factor = Anter	nna Fact	tor + Cabl	le Loss – Pre-	amplifier.				
Factor = Anter	W	/IFI/BT M		amplifier.		I Name	B200T-U	IA
Factor = Anter	W			amplifier.		I Name	B200T-U 59.4%	IA
Factor = Anter	W 22	/IFI/BT M		amplifier.	Relat			IA
Factor = Anter EUT Name Temperature Pressure	V. 22 90	/IFI/BT Me 2.2°C		amplifier.	Relat	ive Humidity	59.4%	IA
Factor = Anter EUT Name Temperature Pressure Test Mode	W 22 90 M	/IFI/BT M 2.2°C 60hPa 1ode 11	odule		Relat Test V Anter	ive Humidity Voltage nna Polarity	 59.4% 3.3V Vertical	IA
Factor = Anter EUT Name Temperature Pressure Test Mode	Meter R	VIFI/BT M 2.2° C 60hPa lode 11 eading	odule	Emission	Relat Test V Anter	ive Humidity Voltage nna Polarity Limits	 59.4% 3.3V Vertical <sup>Margin</sup>	IA Value Type
Factor = Anter	Meter R (dB)	/IFI/BT M 2.2° C 60hPa 1ode 11 eading	odule Factor (dB)	Emission I (dBµV/n	Relat Test V Anter	ive Humidity Voltage nna Polarity Limits (dBµV/m)	59.4% 3.3V Vertical Margin (dB)	Value Type
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4874.000	M           22           90           Meter R           (dB)           46.	/IFI/BT M 2.2° C 60hPa 1ode 11 eading μV) 09	odule Factor (dB) 0.14	Emission I (dBµV/n 46.23	Relat Test V Anter	ive Humidity Voltage nna Polarity Limits (dBµV/m) 74	 59.4% 3.3V Vertical Margin (dB) -27.77	Value Type peak
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4874.000         4874.000	W           22           96           Meter R           (dB)           46.           33.	/IFI/BT M 2.2° C 60hPa 1ode 11 eading μV) 09 49	Factor (dB) 0.14 0.14	Emission I (dBµV/n 46.23 33.63	Relat Test V Anter	ive Humidity Voltage nna Polarity Limits (dBµV/m) 74 54	 59.4% 3.3V Vertical Margin (dB) -27.77 -20.37	Value Type peak AVG
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4874.000         4874.000         7311.000	Meter R           (dB)           46.           33.           43.	/IFI/BT M 2.2° C 60hPa lode 11 eading μV) 09 49 51	Factor           (dB)           0.14           0.14           2.36	Emission (dBµV/n 46.23 33.63 45.87	Relat Test V Anter	ive Humidity Voltage nna Polarity Limits (dBµV/m) 74 54 74	59.4% 3.3V Vertical Margin (dB) -27.77 -20.37 -28.13	Value Type peak AVG peak
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4874.000         4874.000	W           22           96           Meter R           (dB)           46.           33.	/IFI/BT M 2.2° C 60hPa lode 11 eading μV) 09 49 51	Factor (dB) 0.14 0.14	Emission I (dBµV/n 46.23 33.63	Relat Test V Anter	ive Humidity Voltage nna Polarity Limits (dBµV/m) 74 54	59.4% 3.3V Vertical Margin (dB) -27.77 -20.37	Value Type peak AVG
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4874.000         4874.000         7311.000	Meter R           (dB)           46.           33.           43.	/IFI/BT M 2.2° C 60hPa lode 11 eading μV) 09 49 51	Factor           (dB)           0.14           0.14           2.36	Emission (dBµV/n 46.23 33.63 45.87	Relat Test V Anter	ive Humidity Voltage nna Polarity Limits (dBµV/m) 74 54 74	59.4% 3.3V Vertical Margin (dB) -27.77 -20.37 -28.13	Value Type peak AVG peak



<b>Radiated Emissions</b>	Test Results above 1GHz
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Pressure Test Mode  Frequency Meta (MHz) 4924.000 4924.000 7386.000 7386.000 7386.000 Remark: Factor = Antenna Fa	22.2° C 960hPa Mode 12 eer Reading (dBµV) 44.37 36.21 43.18 31.42	Factor (dB) 0.22 0.22 2.64 2.64	Emissio (dBµ' 44. 36. 45. 34.	Test Vo Antenr Don Level V/m) .59 .43 .82	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54 74 54 74 54	59.4% 3.3V Horizontal Margin (dB) -29.41 -17.57 -28.18	- Value Type peak AVG
Frequency         Meta           (MHz)         4924.000           4924.000         7386.000           7386.000         7386.000           Remark:         Factor = Antenna Fa	Mode 12 ter Reading (dBµV) 44.37 36.21 43.18 31.42	(dB) 0.22 0.22 2.64	(dBµ) 44. 36. 45.	Antenr on Level V/m) .59 .43 .82	Limits (dBµV/m) 74 54 74	Horizontal Margin (dB) -29.41 -17.57	peak AVG
Frequency         Meta           (MHz)         4924.000           4924.000         7386.000           7386.000         7386.000           Remark:         Factor = Antenna Fa	ter Reading (dBµV) 44.37 36.21 43.18 31.42	(dB) 0.22 0.22 2.64	(dBµ) 44. 36. 45.	on Level V/m) .59 .43 .82	Limits (dBµV/m) 74 54 74	Margin (dB) -29.41 -17.57	peak AVG
(MHz) 4924.000 4924.000 7386.000 7386.000 Remark: Factor = Antenna Fa	(dBµV) 44.37 36.21 43.18 31.42	(dB) 0.22 0.22 2.64	(dBµ) 44. 36. 45.	V/m) .59 .43 .82	(dBµV/m) 74 54 74	(dB) -29.41 -17.57	peak AVG
(MHz) 4924.000 4924.000 7386.000 7386.000 Remark: Factor = Antenna Fa	(dBµV) 44.37 36.21 43.18 31.42	(dB) 0.22 0.22 2.64	(dBµ) 44. 36. 45.	V/m) .59 .43 .82	(dBµV/m) 74 54 74	(dB) -29.41 -17.57	peak AVG
4924.000 4924.000 7386.000 7386.000 Remark: Factor = Antenna Fa	44.37 36.21 43.18 31.42	0.22 0.22 2.64	44. 36. 45.	.59 .43 .82	74 54 74	-29.41 -17.57	peak AVG
4924.000 7386.000 7386.000 Remark: Factor = Antenna Fa	36.21 43.18 31.42	0.22 2.64	36. 45.	.43 .82	54 74	-17.57	AVG
7386.000 7386.000 Remark: Factor = Antenna Fa	43.18 31.42	2.64	45.	.82	74		
7386.000 Remark: Factor = Antenna Fa	31.42					-28.18	naak
Remark: Factor = Antenna Fa		2.64	34.	.06	54		peak
Factor = Antenna Fa	actor + Cable				54	-19.94	AVG
Factor = Antenna Fa	actor + Cable						
		e Loss – Pre-	amplifier.				
EUT Name	WIFI/BT Mo	dule		Model	Name	B200T-UA	
Temperature	22.2°C			Relativ	e Humidity	59.4%	
Pressure	960hPa			Test Vo	oltage	3.3V	
Test Mode	Mode 12			Antenr	na Polarity	Vertical	
							-
· · · · ·	er Reading	Factor	Emissio		Limits	Margin	Value Type
	(dBµV)	(dB)	(dBµ'		(dBµV/m)	(dB)	
4924.000	43.61	0.22	43.		74	-30.17	peak
4924.000	39.18	0.22	39		54	-14.6	AVG
7386.000	42.72	2.64	45.		74	-28.64	peak
7000 000	33.18	2.64	35.	.82	54	-18.18	AVG
7386.000	33.10						1
7386.000	33.10						



<b>Radiated Emissions</b>	Test Results above 1GHz
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EUT Name	WIF	FI/BT Mo	odule		Model	Name	B200T-UA	
Temperature	22.2	2° C			Relativ	ve Humidity	59.4%	
Pressure	960	)hPa			Test V	oltage	3.3V	
Test Mode	Мо	de 13			Anten	na Polarity	Horizontal	
	•							
Frequency	Meter R	eading	Factor	Emissi	on Level	Limits	Margin	
(MHz)	(dBj	μV)	(dB)	(dBµ	ıV/m)	(dBµV/m)	(dB)	Value Type
4844.000	41.8	83	0.22	42	.05	74	-31.95	peak
4844.000	36.	18	0.22	36	6.4	54	-17.6	AVG
7266.000	40.	11	2.64	42	.75	74	-31.25	peak
7266.000	31.0	63	2.64	34	.27	54	-19.73	AVG
Remark: Factor = Anter	na Facto	r + Cab	le Loss – Pre-	amplifier.				
Factor = Anter		<del>or + Cab</del> FI/BT Mo		amplifier.	Model	Name	B200T-UA	
Factor = Anter	WIF			amplifier.	Model	Name /e Humidity	B200T-UA 59.4%	
Factor = Anter EUT Name Temperature	WIF 22.2	=I/BT Mo		amplifier.	Model	ve Humidity		
Factor = Anter EUT Name Femperature Pressure	WIF 22.2 960	=I/BT Mo 2°C		amplifier.	Model Relativ Test V	ve Humidity	59.4%	
Factor = Anter EUT Name Femperature Pressure Fest Mode	WIF 22.2 960 Mod	FI/BT Mo 2°C 0hPa de 13	odule		Model Relativ Test V Anten	ve Humidity oltage na Polarity	59.4% 3.3V Vertical	
Factor = Anter	WIF 22.2 960 Mod	FI/BT Mo 2° C DhPa de 13 eading	odule	Emissio	Model Relativ Test V Anten	ve Humidity oltage na Polarity Limits	59.4% 3.3V Vertical	
Factor = Anter	WIF 22.2 960 Mod Meter Ro (dB)	FI/BT Mo 2°C DhPa de 13 eading μV)	Factor (dB)	Emissio (dBµ	Model Relativ Test V Anten	ve Humidity oltage na Polarity Limits (dBµV/m)	59.4% 3.3V Vertical Margin (dB)	Value Type
Factor = Anter EUT Name Femperature Pressure Fest Mode Frequency (MHz) 4844.000	WIF 22.2 960 Mod Meter Ro (dB) 42.3	FI/BT Mo 2° C DhPa de 13 eading μV) 93	Factor (dB) 0.22	Emissio (dBµ	Model Relativ Test V Anteni on Level IV/m)	ve Humidity oltage na Polarity Limits (dBµV/m) 74	59.4% 3.3V Vertical Margin (dB) -30.85	Value Type
Factor = Anter	WIF 22.2 960 Mod Meter Ro (dBj 42.1 34.2	FI/BT Mo 2° C DhPa de 13 eading μV) 93 21	Factor (dB) 0.22 0.22	Emissio (dBµ 43 34	Model Relativ Test V Anten on Level V/m) .15 .43	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54	59.4% 3.3V Vertical Margin (dB) -30.85 -19.57	Value Type peak AVG
Factor = Anter	WIF 22.2 960 Mod Meter Ro (dBj 42.1 34.2	FI/BT Mo 2° C DhPa de 13 eading μV) 93 21 04	Factor (dB) 0.22 0.22 2.64	Emissio (dBµ 43 34 44	Model Relativ Test V Anten On Level V/m) .15 .43 .68	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54 74	59.4% 3.3V Vertical Margin (dB) -30.85 -19.57 -29.32	Value Type peak AVG peak
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4844.000         4844.000	WIF 22.2 960 Mod Meter Ro (dBj 42.1 34.2	FI/BT Mo 2° C DhPa de 13 eading μV) 93 21 04	Factor (dB) 0.22 0.22	Emissio (dBµ 43 34 44	Model Relativ Test V Anten on Level V/m) .15 .43	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54	59.4% 3.3V Vertical Margin (dB) -30.85 -19.57	Value Type peak AVG
Factor = Anter         EUT Name         Temperature         Pressure         Test Mode         Frequency         (MHz)         4844.000         4844.000         7266.000	WIF 22.2 960 Mod Meter Ro (dBj 42.1 34.2	FI/BT Mo 2° C DhPa de 13 eading μV) 93 21 04	Factor (dB) 0.22 0.22 2.64	Emissio (dBµ 43 34 44	Model Relativ Test V Anten On Level V/m) .15 .43 .68	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54 74	59.4% 3.3V Vertical Margin (dB) -30.85 -19.57 -29.32	Value Type peak AVG peak



<b>Radiated Emissions</b>	Test Results above 1GHz
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EUT Name		WIFI/BT Mo	odule		Model	Name	B200T-UA	
Femperature		22.2°C			Relativ	e Humidity	59.4%	
Pressure		960hPa			Test V	oltage	3.3V	
Fest Mode		Mode 14			Anten	na Polarity	Horizontal	
Frequency	Met	ter Reading	Factor	Emissi	on Level	Limits	Margin	
(MHz)		(dBµV)	(dB)	(dBµ	ıV/m)	(dBµV/m)	(dB)	Value Type
4874.000		46.24	0.22	46	.46	74	-27.54	peak
4874.000		36.52	0.22	36	.74	54	-17.26	AVG
7311.000		43.16	2.64	45	5.8	74	-28.2	peak
7311.000		34.37	2.64	37	.01	54	-16.99	AVG
Domork								
Remark:		actor L Cab	la Lass - Pro	amplifior				
Remark: Factor = Anter	nna Fa	actor + Cab	le Loss – Pre-	amplifier.				
		actor + Cab WIFI/BT Mo		amplifier.	Model	Name	B200T-UA	
Factor = Anter				amplifier.		Name /e Humidity	B200T-UA 59.4%	
Factor = Anter		WIFI/BT Mo		amplifier.		ve Humidity		
Factor = Anter EUT Name Femperature		WIFI/BT Mo 22.2°C		amplifier.	Relativ Test V	ve Humidity	59.4%	
Factor = Anter EUT Name Femperature Pressure		WIFI/BT Mo 22.2°C 960hPa Mode 14		amplifier.	Relativ Test V	ve Humidity oltage	59.4% 3.3V	
Factor = Anter EUT Name Femperature Pressure Fest Mode		WIFI/BT Mo 22.2°C 960hPa Mode 14	odule	Emissio	Relative Test Ve Anten	ve Humidity oltage na Polarity Limits	59.4% 3.3V Vertical Margin	
Factor = Anter EUT Name Femperature Pressure Fest Mode		WIFI/BT Mo 22.2°C 960hPa Mode 14	odule	Emissio	Relativ Test V Anten	ve Humidity oltage na Polarity	59.4% 3.3V Vertical	Value Type
Factor = Anter EUT Name Femperature Pressure Fest Mode		WIFI/BT Mo 22.2°C 960hPa Mode 14	odule	Emissio (dBµ	Relative Test Ve Anten	ve Humidity oltage na Polarity Limits	59.4% 3.3V Vertical Margin	Value Type
Factor = Anter		WIFI/BT Mo 22.2° C 960hPa Mode 14 ter Reading (dBµV)	Factor (dB)	Emissio (dBµ 47 36	Relative Test Ve Antenion Level IV/m) .45 .42	ve Humidity oltage na Polarity Limits (dBµV/m)	59.4% 3.3V Vertical Margin (dB) -26.55 -17.58	Value Type
Factor = Anter		WIFI/BT Mo 22.2° C 960hPa Mode 14 ter Reading (dBµV) 47.23 36.2 43.42	Factor (dB) 0.22	Emissio (dBµ 47 36 46	Relative Test Ve Antenion Level IV/m) .45 .42 .06	/e Humidity oltage na Polarity Limits (dBµV/m) 74	59.4% 3.3V Vertical Margin (dB) -26.55 -17.58 -27.94	Value Type peak AVG peak
Factor = Anter		WIFI/BT Mo 22.2° C 960hPa Mode 14 ter Reading (dBµV) 47.23 36.2	Factor (dB) 0.22 0.22	Emissio (dBµ 47 36 46	Relative Test Ve Antenion Level IV/m) .45 .42	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54	59.4% 3.3V Vertical Margin (dB) -26.55 -17.58	Value Type peak AVG
Factor = Anter EUT Name Femperature Pressure Fest Mode Frequency (MHz) 4874.000 4874.000 7311.000		WIFI/BT Mo 22.2° C 960hPa Mode 14 ter Reading (dBµV) 47.23 36.2 43.42	Factor (dB) 0.22 0.22 2.64	Emissio (dBµ 47 36 46	Relative Test Ve Antenion Level IV/m) .45 .42 .06	/e Humidity oltage na Polarity Limits (dBµV/m) 74 54 74	59.4% 3.3V Vertical Margin (dB) -26.55 -17.58 -27.94	Value Type peak AVG peak
Factor = Anter EUT Name Femperature Pressure Fest Mode Frequency (MHz) 4874.000 4874.000 7311.000		WIFI/BT Mo 22.2° C 960hPa Mode 14 ter Reading (dBµV) 47.23 36.2 43.42	Factor (dB) 0.22 0.22 2.64	Emissio (dBµ 47 36 46	Relative Test Ve Antenion Level IV/m) .45 .42 .06	/e Humidity oltage na Polarity Limits (dBµV/m) 74 54 74	59.4% 3.3V Vertical Margin (dB) -26.55 -17.58 -27.94	Value Type peak AVG peak



<b>Radiated Emissions T</b>	est Results above 1GHz
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(dBµV)       (dB)       (dBµV/m)       (dBµV/m)       (dB)         46.82       0.22       47.04       74       -26.96         34.61       0.22       34.83       54       -19.17         42.31       2.64       44.95       74       -29.05         30.28       2.64       32.92       54       -21.08         ma Factor + Cable Loss – Pre-amplifier.         Model Name       B200T-UA	Test Voltage         3.3V           Antenna Polarity         Horizontal           Emission Level         Limits         Margin           (dBμV/m)         (dBμV/m)         (dB)           47.04         74         -26.96           34.83         54         -19.17           44.95         74         -29.05
Mode 15         Antenna Polarity         Horizontal           Meter Reading         Factor         Emission Level         Limits         Margin           (dBµV)         (dB)         (dBµV/m)         (dB)         (dBµV/m)         (dB)           46.82         0.22         47.04         74         -26.96           34.61         0.22         34.83         54         -19.17           42.31         2.64         44.95         74         -29.05           30.28         2.64         32.92         54         -21.08           aa Factor + Cable Loss – Pre-amplifier.         Model Name         B200T-UA	Antenna Polarity         Horizontal           Emission Level         Limits         Margin           (dBµV/m)         (dBµV/m)         (dB)           47.04         74         -26.96           34.83         54         -19.17           44.95         74         -29.05
Meter Reading         Factor         Emission Level         Limits         Margin           (dBμV)         (dB)         (dBμV/m)         (dB)         (dB)           46.82         0.22         47.04         74         -26.96           34.61         0.22         34.83         54         -19.17           42.31         2.64         44.95         74         -29.05           30.28         2.64         32.92         54         -21.08           a         -         -         -         -           b         -         -         -         -           wiFi/BT Module         Model Name         B200T-UA	Emission Level         Limits         Margin         Value Type           (dBµV/m)         (dBµV/m)         (dB)         Value Type           47.04         74         -26.96         peak           34.83         54         -19.17         AVG           44.95         74         -29.05         peak
(dBµV)         (dB)         (dBµV/m)         (dBµV/m)         (dB)           46.82         0.22         47.04         74         -26.96           34.61         0.22         34.83         54         -19.17           42.31         2.64         44.95         74         -29.05           30.28         2.64         32.92         54         -21.08	(dBµV/m)         (dBµV/m)         (dB)         Value Type           47.04         74         -26.96         peak           34.83         54         -19.17         AVG           44.95         74         -29.05         peak
(dBµV)         (dB)         (dBµV/m)         (dBµV/m)         (dB)           46.82         0.22         47.04         74         -26.96           34.61         0.22         34.83         54         -19.17           42.31         2.64         44.95         74         -29.05           30.28         2.64         32.92         54         -21.08	(dBµV/m)         (dBµV/m)         (dB)         Value Type           47.04         74         -26.96         peak           34.83         54         -19.17         AVG           44.95         74         -29.05         peak
(dBµV)       (dB)       (dBµV/m)       (dBµV/m)       (dB)         46.82       0.22       47.04       74       -26.96         34.61       0.22       34.83       54       -19.17         42.31       2.64       44.95       74       -29.05         30.28       2.64       32.92       54       -21.08         ma Factor + Cable Loss – Pre-amplifier.         Model Name       B200T-UA	(dBµV/m)         (dBµV/m)         (dB)           47.04         74         -26.96         peak           34.83         54         -19.17         AVG           44.95         74         -29.05         peak
34.61       0.22       34.83       54       -19.17         42.31       2.64       44.95       74       -29.05         30.28       2.64       32.92       54       -21.08         ma Factor + Cable Loss – Pre-amplifier.         Model Name       B200T-UA	34.83         54         -19.17         AVG           44.95         74         -29.05         peak
42.31       2.64       44.95       74       -29.05         30.28       2.64       32.92       54       -21.08         ma Factor + Cable Loss – Pre-amplifier.         Model Name       B200T-UA	44.95 74 -29.05 peak
30.28         2.64         32.92         54         -21.08           a Factor + Cable Loss – Pre-amplifier.           WIFI/BT Module         Model Name         B200T-UA	
A Factor + Cable Loss – Pre-amplifier. WIFI/BT Module Model Name B200T-UA	32.92 54 -21.08 AVG
WIFI/BT Module Model Name B200T-UA	
	mplifier.
22.2° C Relative Humidity 59.4%	Model Name B200T-UA
	Relative Humidity         59.4%
960hPa <b>Test Voltage</b> 3.3V	Test Voltage3.3V
Mode 15     Antenna Polarity     Vertical	Antenna Polarity Vertical
Mater Deadline Contract Death Line in Marcin	
	Emission Level Limits Margin Value Type
(grhn) (gr) (grhn) (grhn) (gr)	(dBµV/m) (dBµV/m) (dB) Value Type
(dBµV)         (dB)         (dBµV/m)         (dBµV/m)         (dB)           44.32         0.22         44.54         74         -29.46	(dBµV/m)         (dBµV/m)         (dB)         Value Type           44.54         74         -29.46         peak
(grhn) (gr) (grhn) (grhn) (gr)	(dBµV/m)         (dBµV/m)         (dB)         Value Type           44.54         74         -29.46         peak           33.31         54         -20.69         AVG
Mete	960hPa

Note:

- 1. The amplitude of other spurious emissions from 1G to 25 GHz which are attenuated more than 20 dB below the permissible value need not be reported.
- 2. Factor = Antenna Factor + Cable loss Pre-amplifier gain, Margin = Emission Level-Limit.
- 3. The "Factor" value can be calculated automatically by software of measurement system.

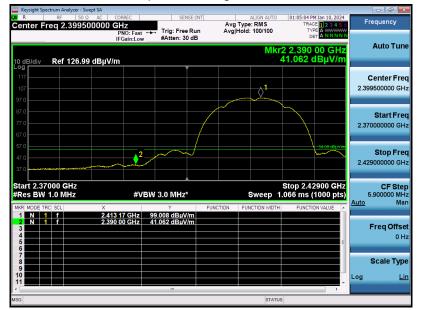


Band Edge Emission Test Results for Restricted	Bands
------------------------------------------------	-------

EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 1	Antenna Polarity	Horizontal



Test Graph for Average Measurement



# **RESULT: Pass**

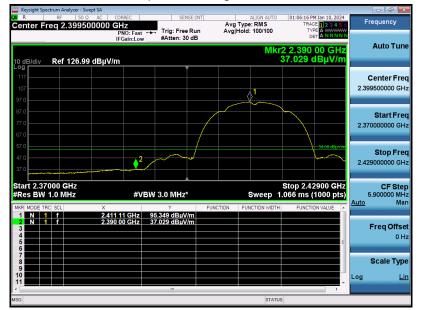


Band Edge	Emission	Test Results for	r Restricted Bands
Dunia Lugo			Restricted Burnas

EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 1	Antenna Polarity	Vertical



Test Graph for Average Measurement



# **RESULT: Pass**



Band Edge	Emission	Test Results for	Restricted Bands
Dunia Lago	LIIII33IOII	Tool Resound for	

EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 3	Antenna Polarity	Horizontal



#### Test Graph for Average Measurement



# **RESULT: Pass**

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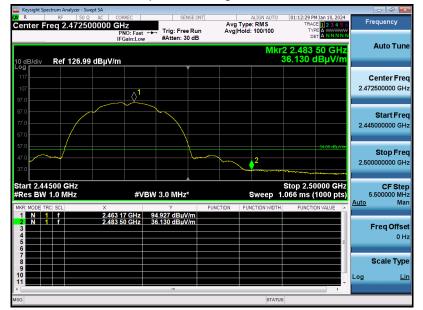
 Tel: +86-755 2523 4088
 E-mail: agc@agccert.com



EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 3	Antenna Polarity	Vertical



Test Graph for Average Measurement



# **RESULT: Pass**

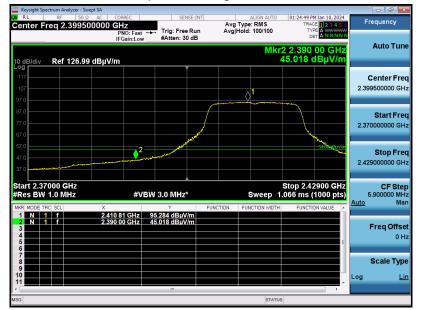


Band Edge Emission Test Results for Restricted	Bands
------------------------------------------------	-------

EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 4	Antenna Polarity	Horizontal



Test Graph for Average Measurement



# **RESULT: Pass**



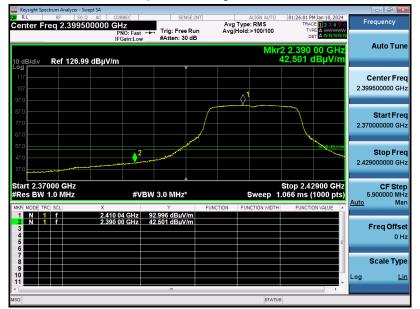
### Band Edge Emission Test Results for Restricted Bands

EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 4	Antenna Polarity	Vertical

Test Graph for Peak Measurement



#### Test Graph for Average Measurement



#### **RESULT: Pass**



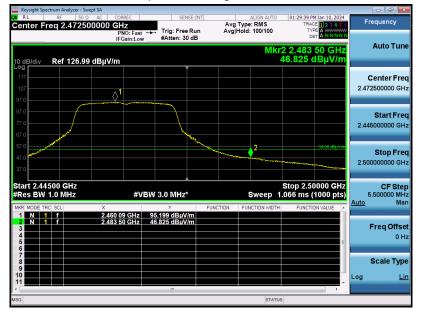
### Band Edge Emission Test Results for Restricted Bands

EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 6	Antenna Polarity	Horizontal

#### Test Graph for Peak Measurement



#### Test Graph for Average Measurement



#### **RESULT: Pass**



EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 6	Antenna Polarity	Vertical



Test Graph for Average Measurement



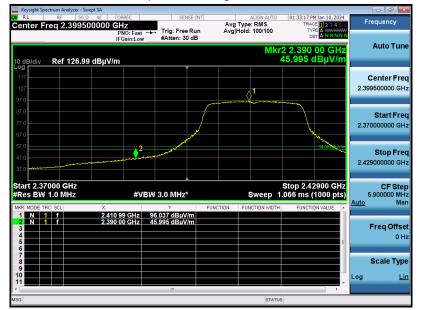
## **RESULT: Pass**



EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 7	Antenna Polarity	Horizontal



Test Graph for Average Measurement



## **RESULT: Pass**

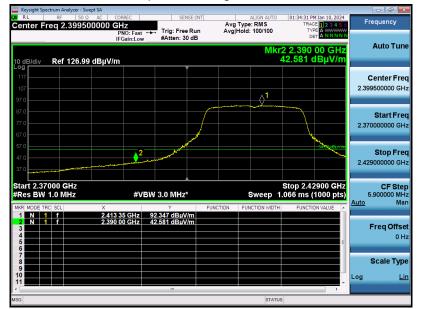


EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 7	Antenna Polarity	Vertical

#### Test Graph for Peak Measurement



#### Test Graph for Average Measurement



#### **RESULT: Pass**



EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 9	Antenna Polarity	Horizontal

Test Graph for Peak Measurement



#### Test Graph for Average Measurement



#### **RESULT: Pass**



EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 9	Antenna Polarity	Vertical

#### Test Graph for Peak Measurement



#### Test Graph for Average Measurement



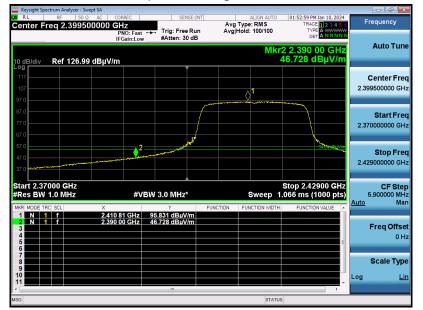
#### **RESULT: Pass**



EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 10	Antenna Polarity	Horizontal



Test Graph for Average Measurement



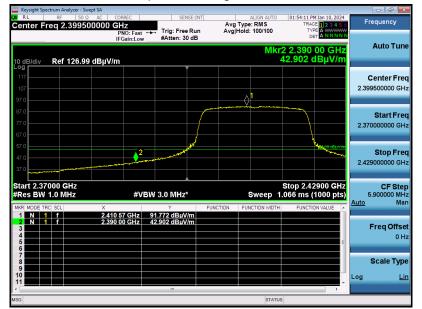
## **RESULT: Pass**



EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 10	Antenna Polarity	Vertical



Test Graph for Average Measurement



## **RESULT: Pass**

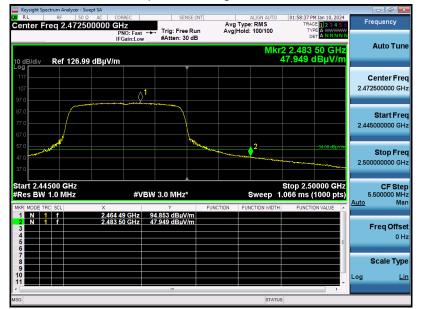


EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 12	Antenna Polarity	Horizontal

Test Graph for Peak Measurement



#### Test Graph for Average Measurement



#### **RESULT: Pass**

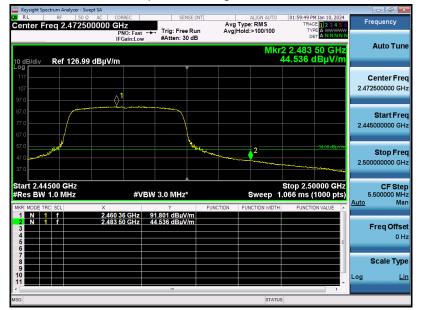


Band	Edge	Fmission	Test	Results	for	<b>Restricted Bands</b>
Danu	Luye	LIIII33IUII	IESI	Nesuits	101	Resilicieu Dalius

EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 12	Antenna Polarity	Vertical



Test Graph for Average Measurement



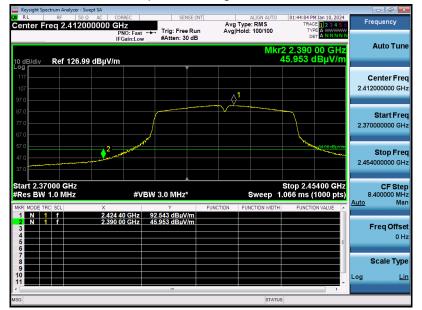
## **RESULT: Pass**



EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 13	Antenna Polarity	Horizontal



Test Graph for Average Measurement



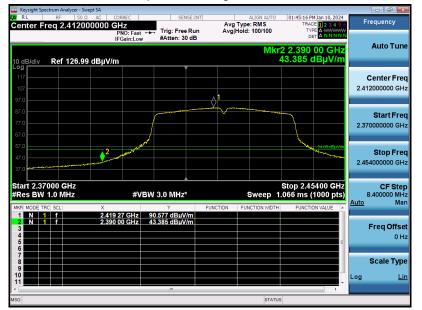
## **RESULT: Pass**



EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 13	Antenna Polarity	Vertical



Test Graph for Average Measurement



## **RESULT: Pass**



<b>Band Edge</b>	Fmission	Test Results for	Restricted Bands
Danu Luge	LIIII33IUII	lest Results for	Restricted Danus

EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 15	Antenna Polarity	Horizontal



Test Graph for Average Measurement



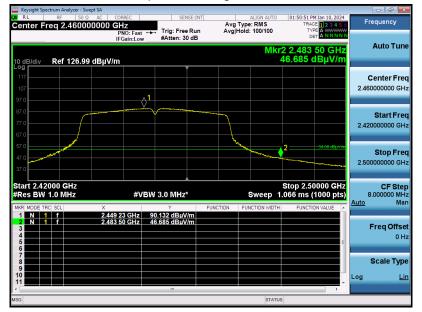
## **RESULT: Pass**



EUT Name	WIFI/BT Module	Model Name	B200T-UA
Temperature	22.2° C	Relative Humidity	59.4%
Pressure	960hPa	Test Voltage	3.3V
Test Mode	Mode 15	Antenna Polarity	Vertical



Test Graph for Average Measurement



## **RESULT: Pass**

## Note: The factor had been edited in the "Input Correction" of the Spectrum Analyzer.



# 12. AC Power Line Conducted Emission

## **12.1 Measurement Limits**

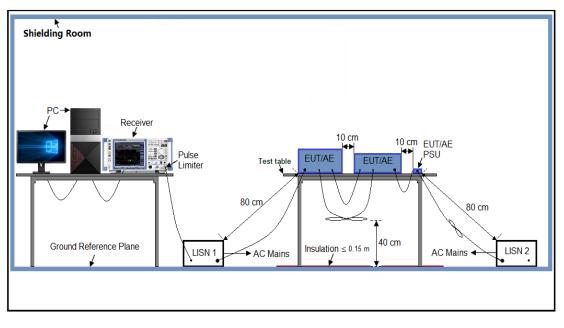
Frequency	Maximum RF Line Voltage			
Frequency	Q.P (dBµV)	Average (dBµV)		
150kHz~500kHz	66-56	56-46		
500kHz~5MHz	56	46		
5MHz~30MHz	60	50		

Note:

1. The lower limit shall apply at the transition frequency.

2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

## 12.2 Block Diagram of Line Conducted Emission Test





## 12.3 Preliminary Procedure of Line Conducted Emission Test

- 1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- 2. Support equipment, if needed, was placed as per ANSI C63.10.
- 3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
- 4. All support equipment received AC120V/60Hz power from a LISN, if any.
- 5. The EUT received DC 5V power from adapter which received AC120V/60Hz power from a LISN.
- 6. The test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 Ohm load; the second scan had Line 1 connected to a 50 Ohm load and Line 2 connected to the Analyzer / Receiver.
- 7. Analyzer / Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.
- 8. During the above scans, the emissions were maximized by cable manipulation.
- 9. The test mode(s) were scanned during the preliminary test.

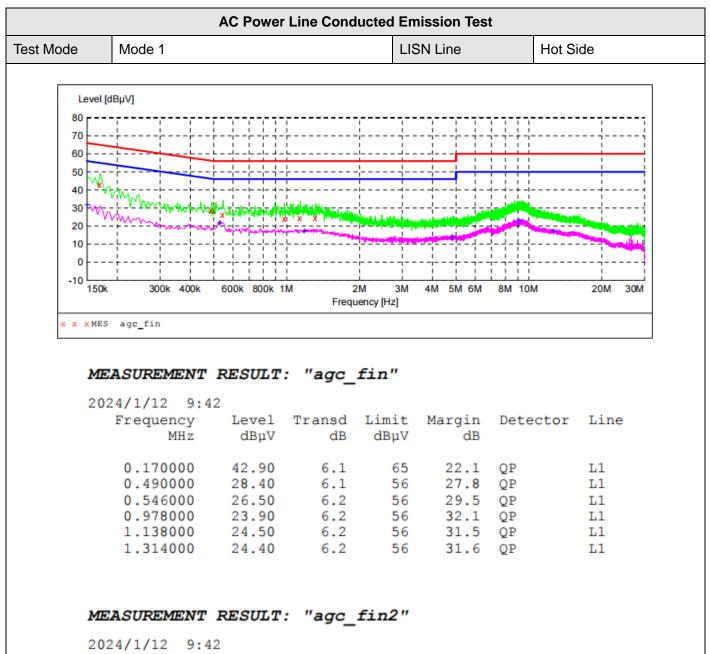
Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

## **12.4 Final Procedure of Line Conducted Emission Test**

- 1. EUT and support equipment was set up on the test bench as per step 2 of the preliminary test.
- A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less – 2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector.
- 3. The test data of the worst case was reported on the Summary Data page.

## 12.5 Test Result of Line Conducted Emission Test





Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.150000	31.90	6.1	56	24.1	AV	L1
0.530000	21.70	6.2	46	24.3	AV	L1
1.182000	17.10	6.2	46	28.9	AV	L1
4.826000	13.70	6.3	46	32.3	AV	L1
9.138000	22.60	6.6	50	27.4	AV	L1
12.610000	17.10	6.8	50	32.9	AV	L1

**RESULT: Pass** 

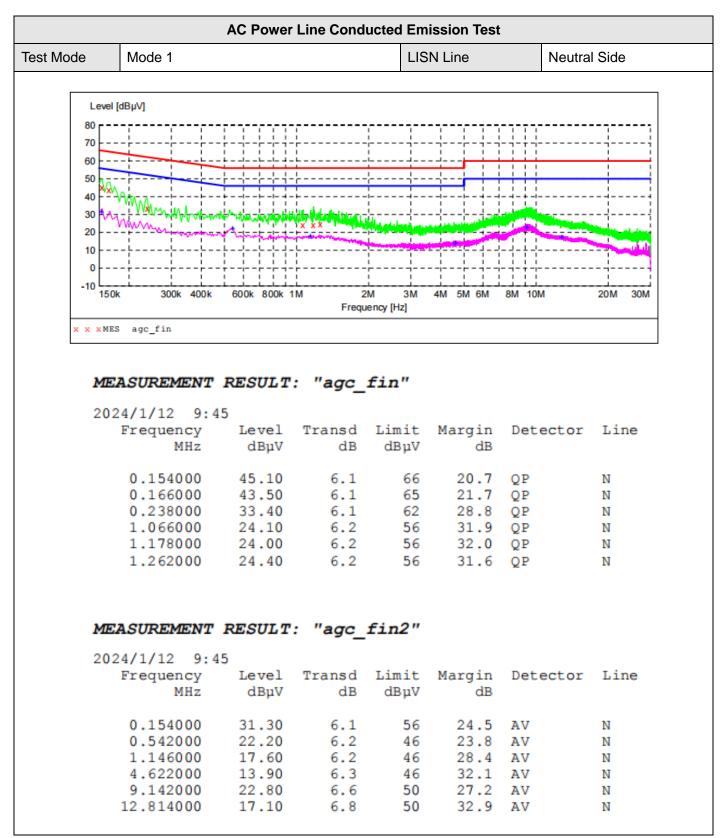
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# Appendix I: Photographs of Test Setup

Refer to the Report No.: AGC13525231101AP02

# Appendix II: Photographs of Test EUT

Refer to the Report No.: AGC13525231101AP03

-----End of Report-----



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3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.

4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.

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8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.

9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.