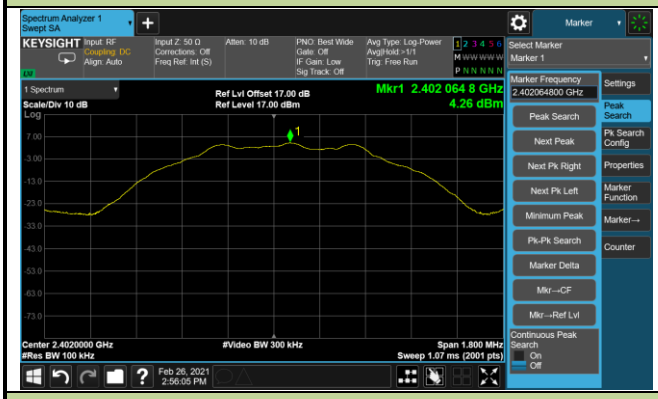
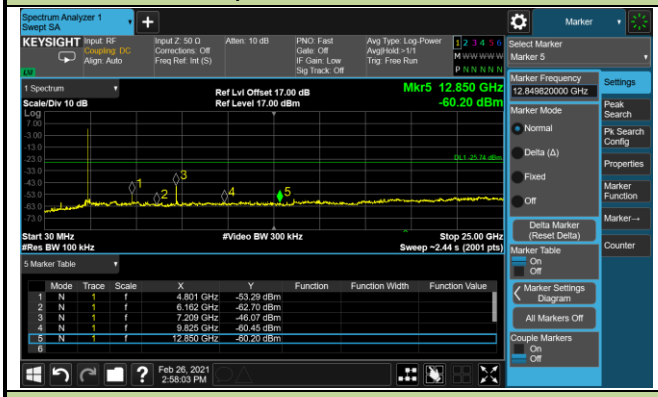
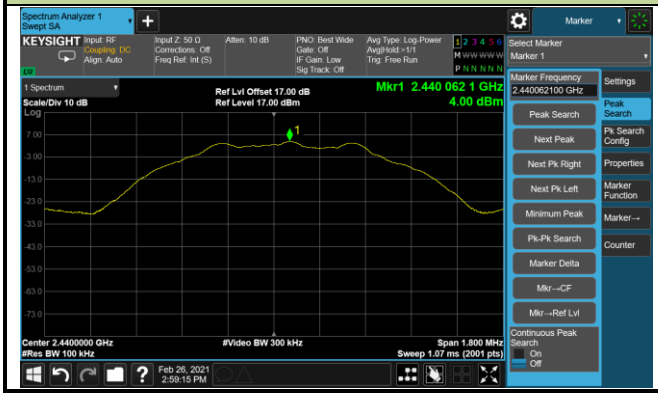
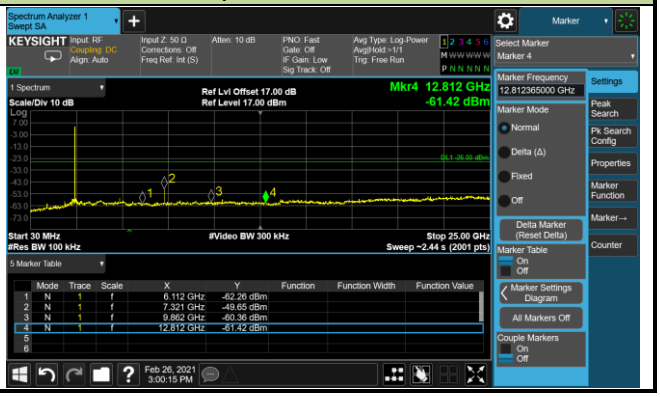
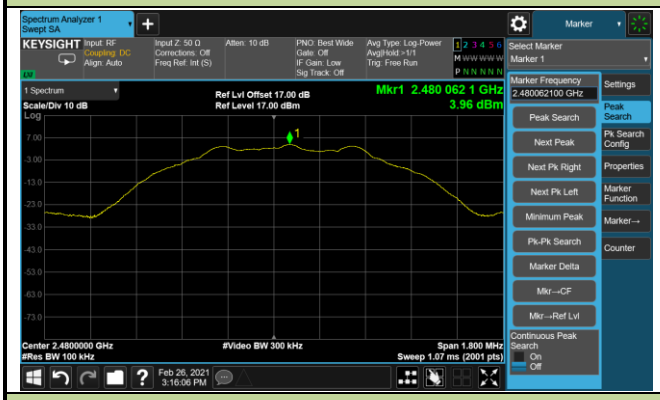
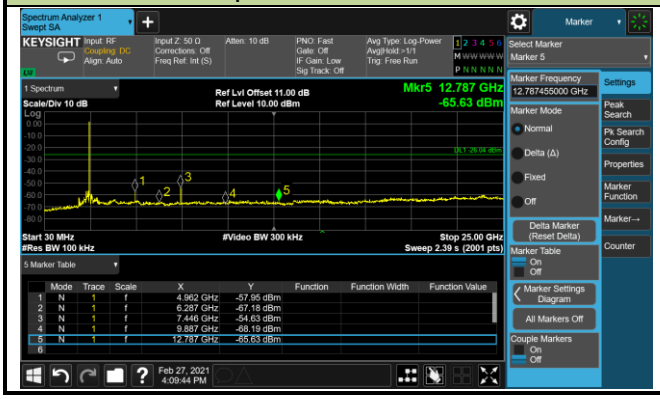
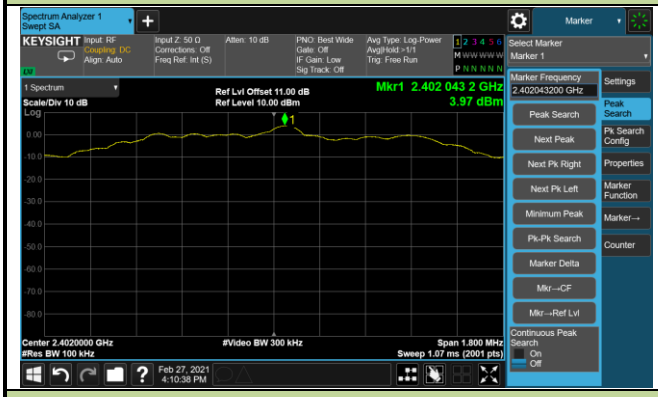
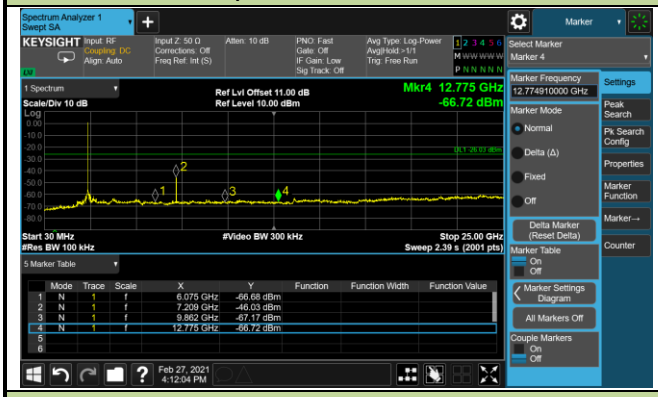
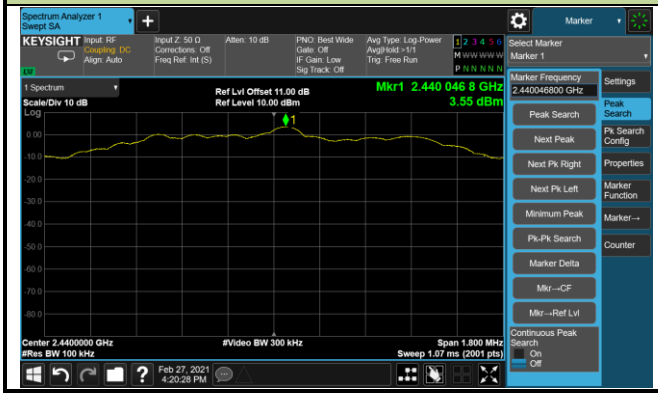
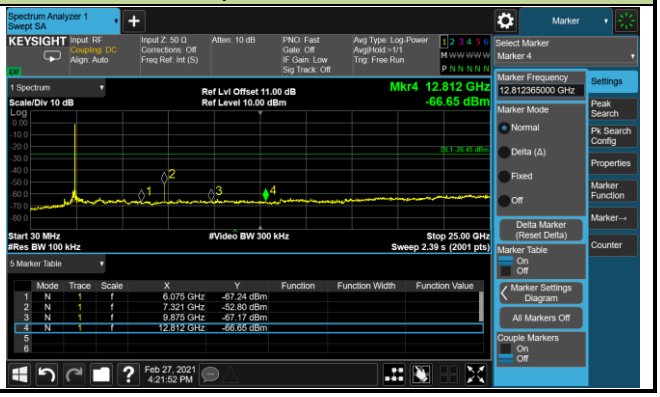
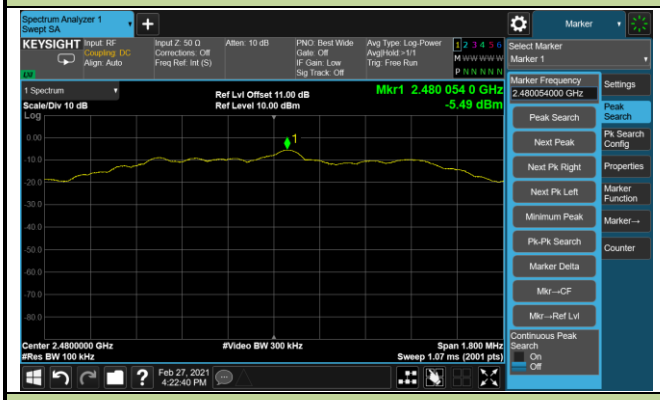
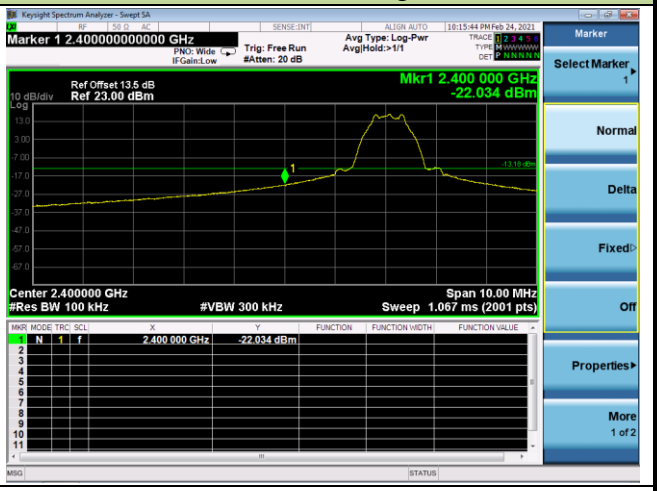
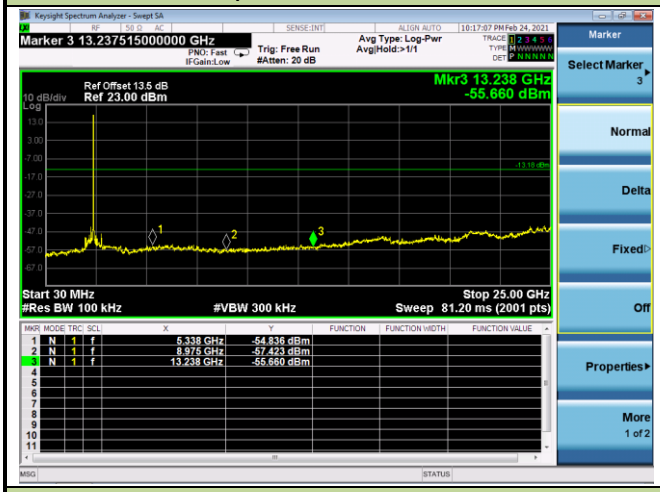
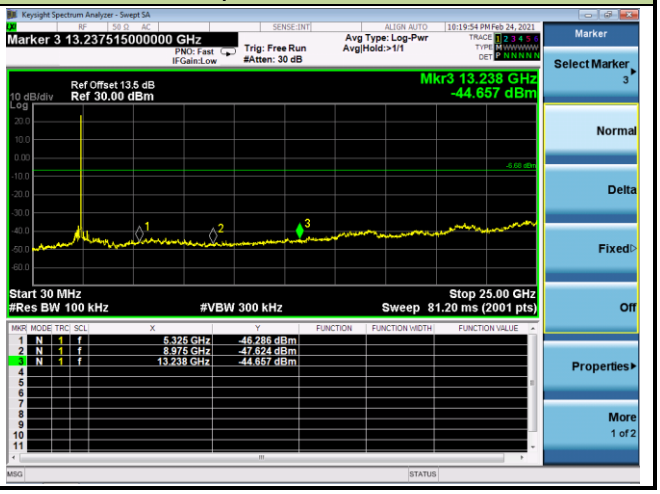
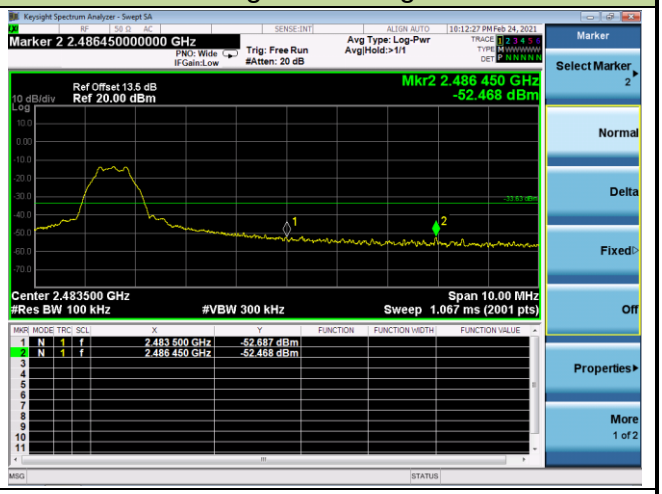
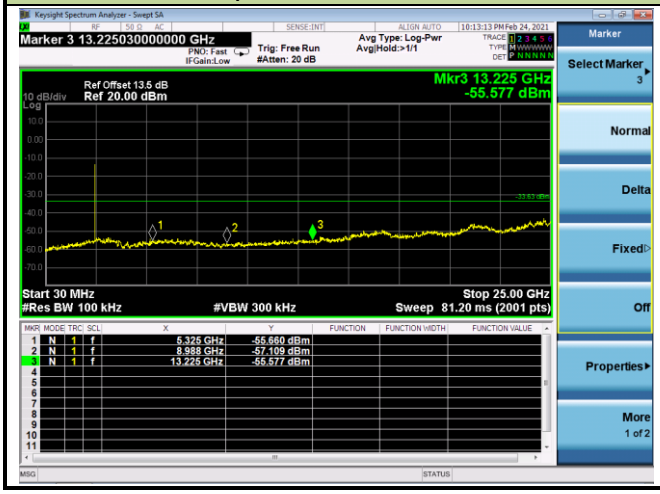
BLE 1Mbps Out-of-Band Emissions - Bluetooth chip 1 (Internal Antenna) - Ant 2	
Channel 00 (2402MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 19 (2440MHz)	
100kHz PSD reference Level	Spurious Emission
	

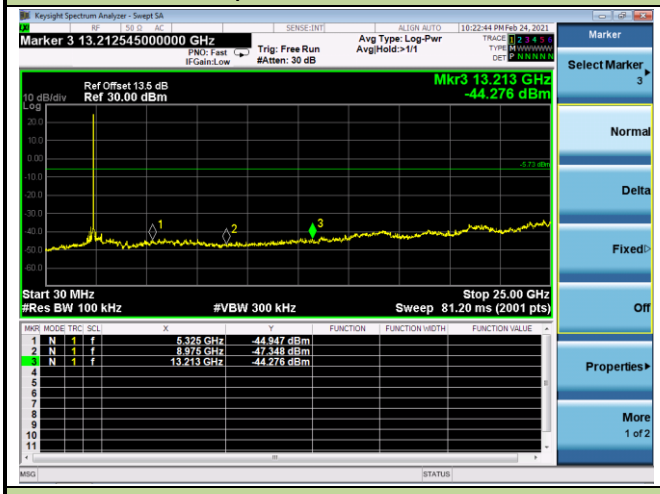
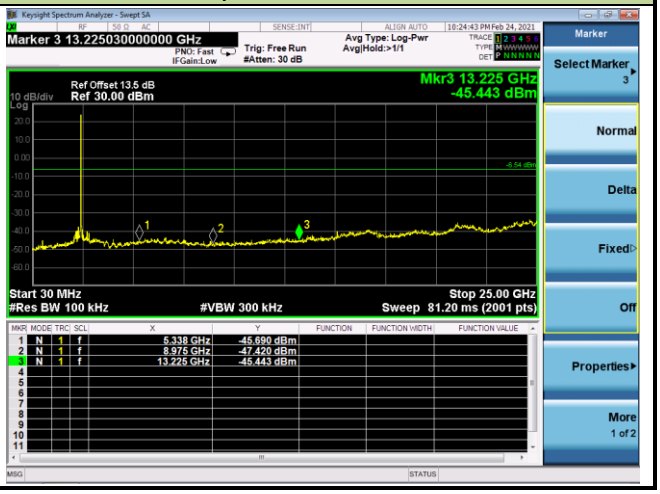
Channel 39 (2480MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

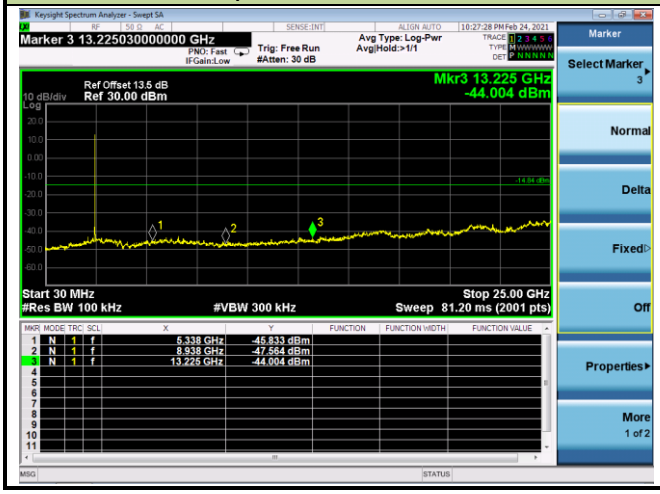
BLE 2Mbps Out-of-Band Emissions - Bluetooth chip 1 (Internal Antenna) - Ant 2	
Channel 00 (2402MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 19 (2440MHz)	
100kHz PSD reference Level	Spurious Emission
	

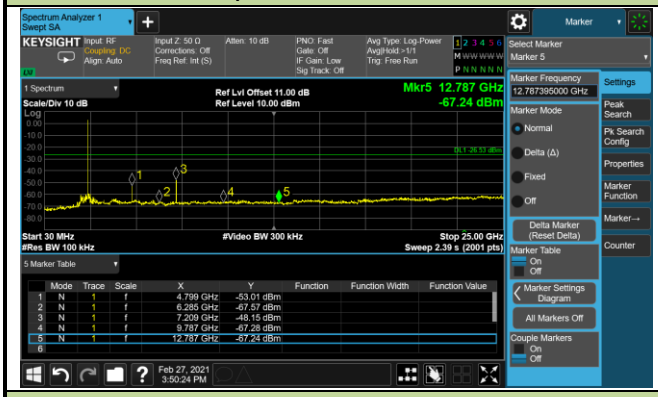
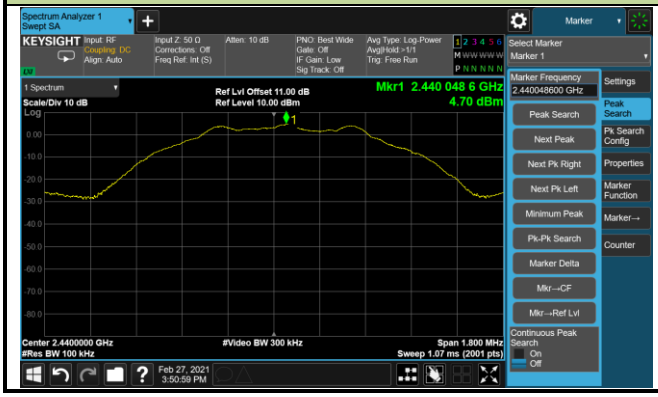
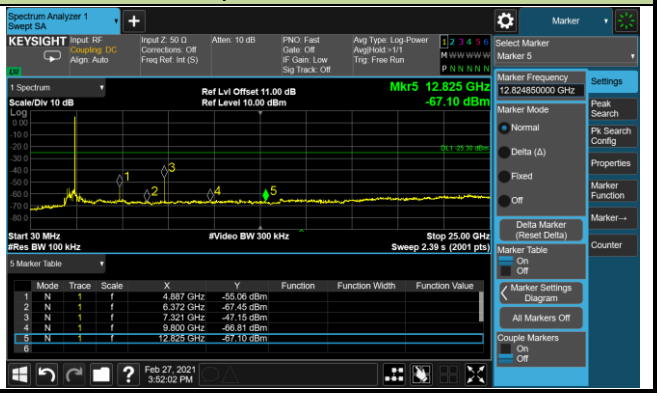
Channel 39 (2480MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

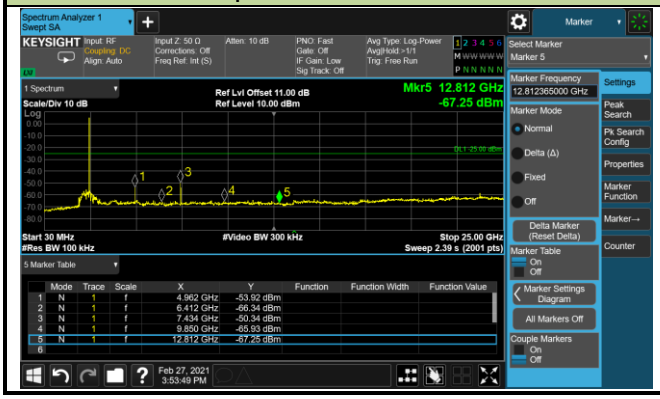
BLE 1Mbps Out-of-Band Emissions - Bluetooth chip 0 (External Antenna)	
Channel 00 (2402MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 19 (2440MHz)	
100kHz PSD reference Level	Spurious Emission
	

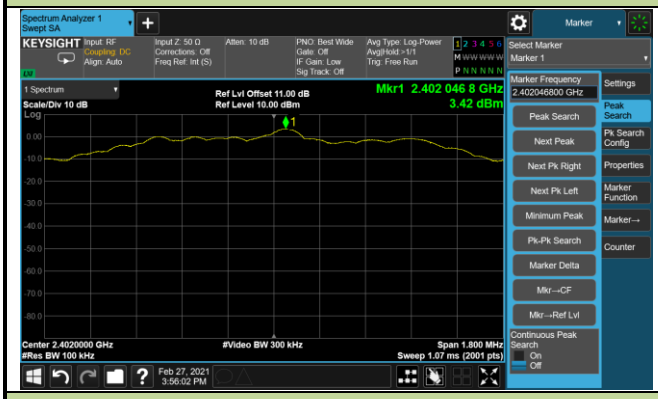
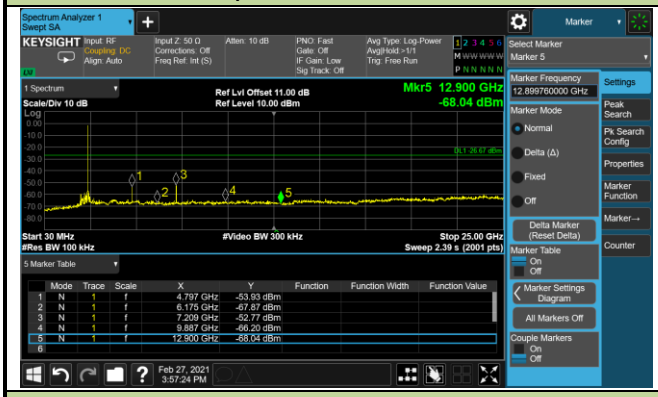
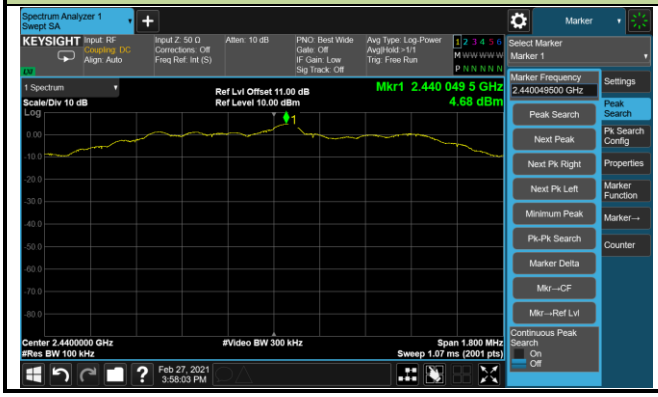
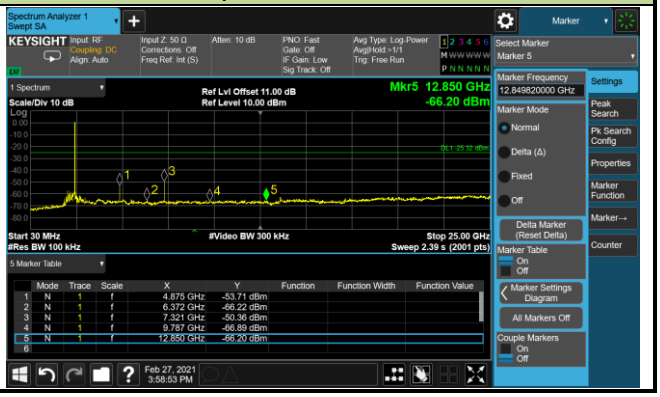
Channel 39 (2480MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

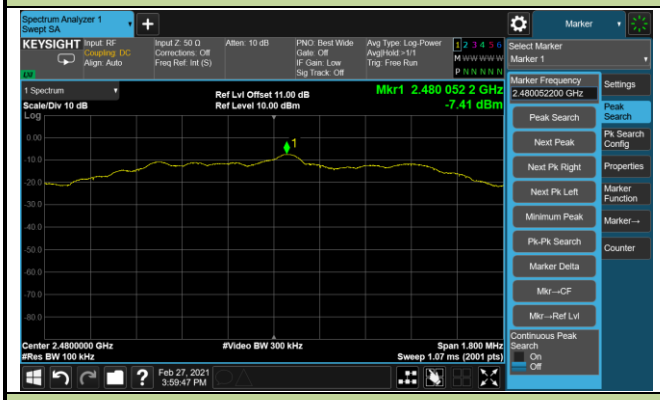
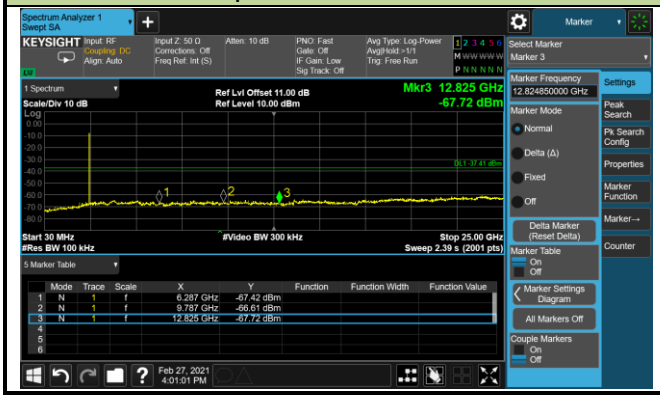
BLE 2Mbps Out-of-Band Emissions - Bluetooth chip 0 (External Antenna)	
Channel 00 (2402MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 19 (2440MHz)	
100kHz PSD reference Level	Spurious Emission
	

Channel 39 (2480MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

BLE 1Mbps Out-of-Band Emissions - Bluetooth chip 1 (External Antenna)	
Channel 00 (2402MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 19 (2440MHz)	
100kHz PSD reference Level	Spurious Emission
	

Channel 39 (2480MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

BLE 2Mbps Out-of-Band Emissions - Bluetooth chip 1 (External Antenna)	
Channel 00 (2402MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 19 (2440MHz)	
100kHz PSD reference Level	Spurious Emission
	

Channel 39 (2480MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

7.6. Radiated Spurious Emission Measurement

7.6.1.Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in below table.

FCC Part 15 Subpart C Paragraph 15.209 & RSS-Gen Section 8.9		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.6.2.Test Procedure Used

ANSI C63.10-2013 Section 6.3 (General Requirements)

ANSI C63.10-2013 Section 6.4 (Standard test method below 30MHz)

ANSI C63.10-2013 Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10-2013 Section 6.6 (Standard test method above 1GHz)

7.6.3.Test Setting

Table 1 - RBW as a function of frequency

Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

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 specified in Table 1

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

Average Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10 Hz.

If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.

4. Detector = Peak

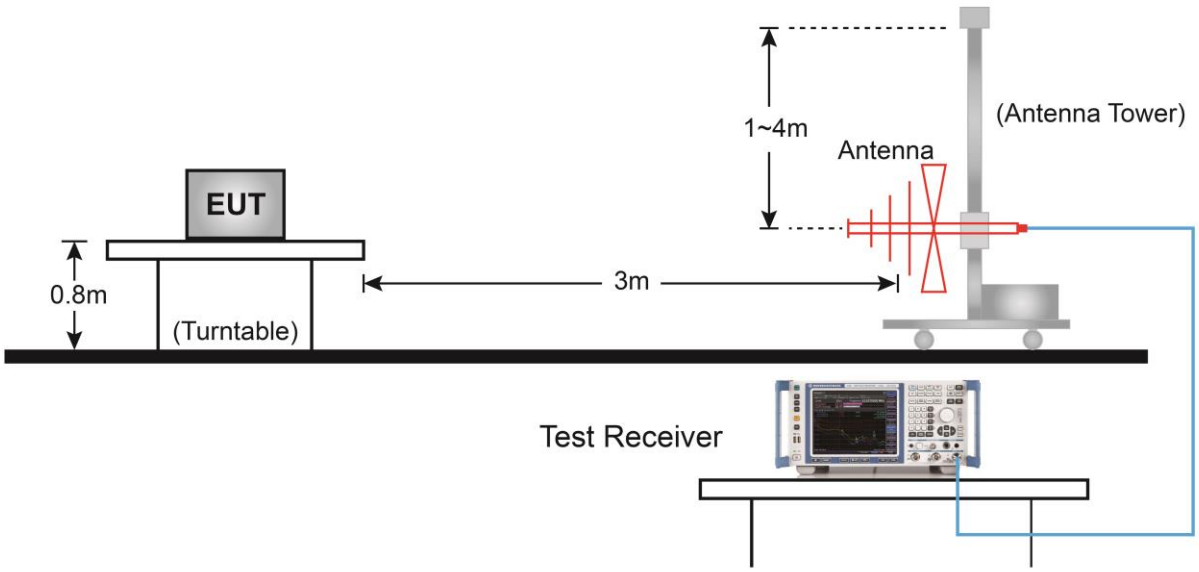
5. Sweep time = auto

6. Trace mode = max hold

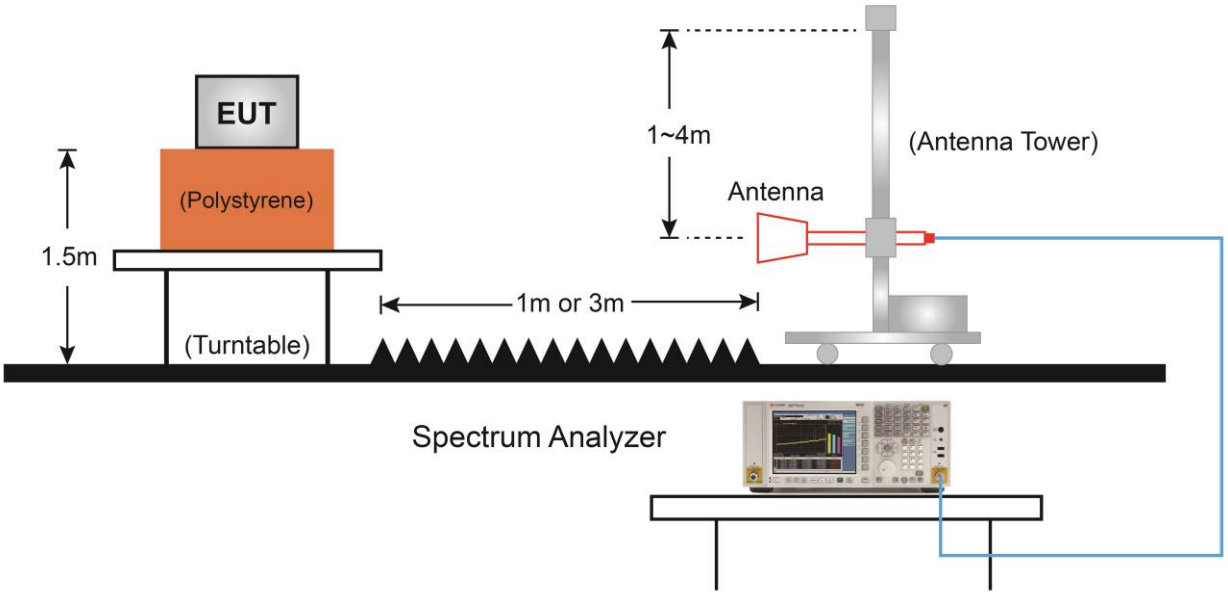
7. Trace was allowed to stabilize

7.6.4.Test Setup

Below 1GHz Test Setup:



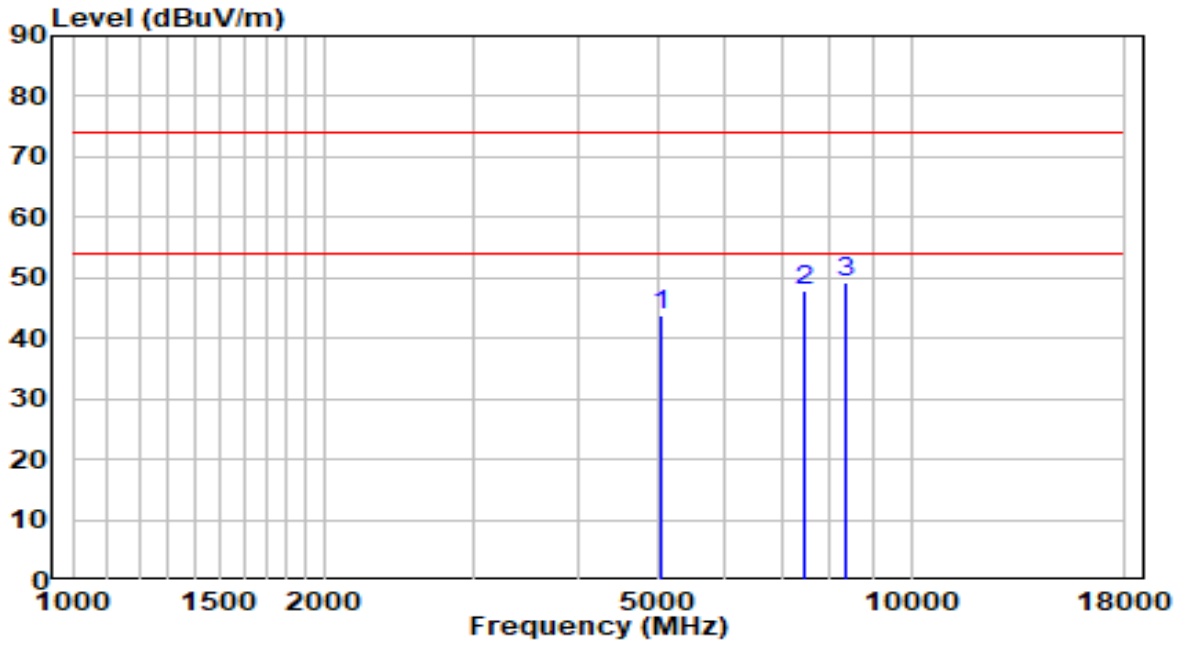
Above 1GHz Test Setup:



7.6.5.Test Result

Bluetooth Chip 0 Internal Antenna

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chu
Test Mode	Transmit by BLE 1M at Channel 2402Mhz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5020.500	40.10	3.77	43.87	-30.13	74.00	Peak
2		7443.000	36.23	11.55	47.79	-26.21	74.00	Peak
3	*	8378.000	36.65	12.47	49.13	-24.87	74.00	Peak

Note:

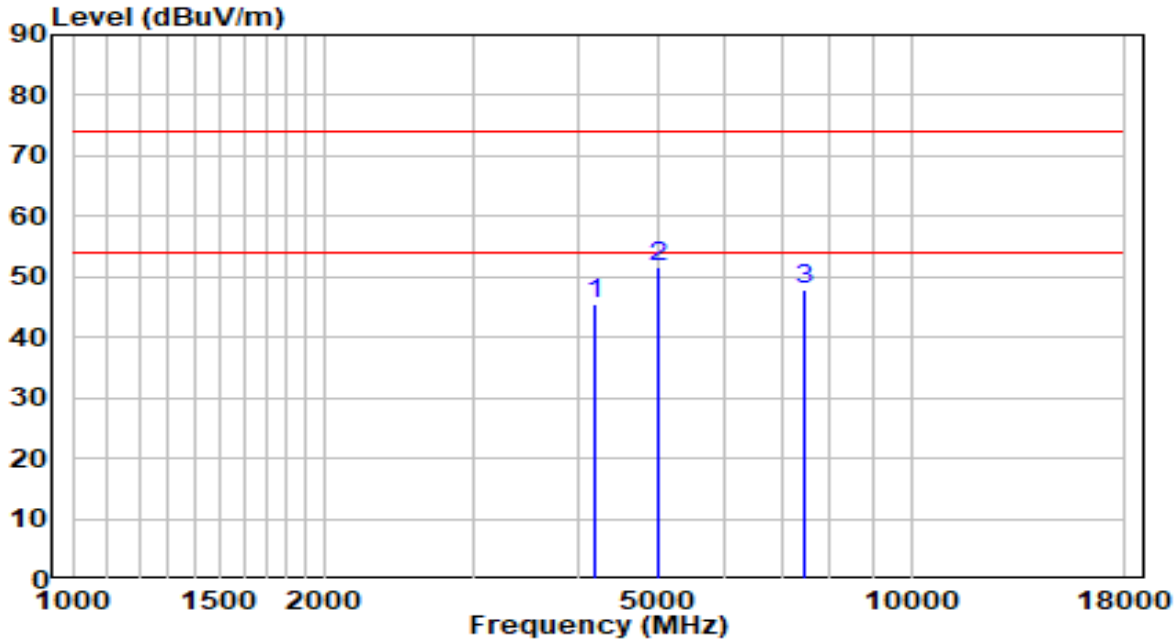
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chu
Test Mode	Transmit by BLE 1M at Channel 2402Mhz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4204.500	44.02	1.56	45.58	-28.42	74.00	Peak
2	*	4995.000	47.79	3.74	51.53	-22.47	74.00	Peak
3		7468.500	36.39	11.63	48.02	-25.98	74.00	Peak

Note:

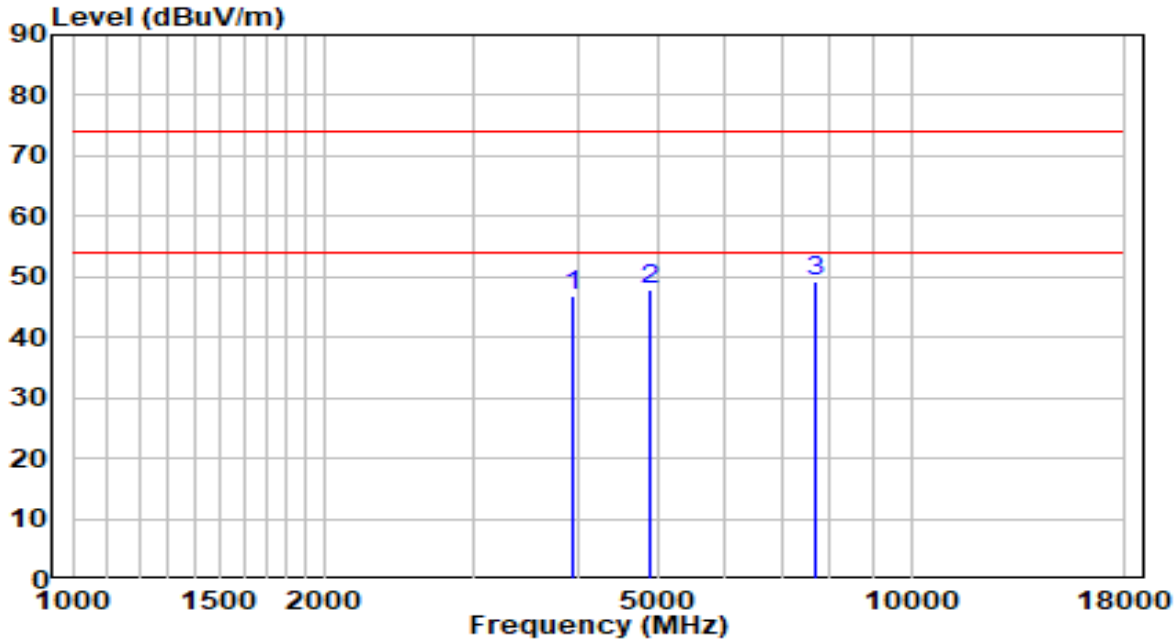
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chu
Test Mode	Transmit by BLE 1M at Channel 2440Mhz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3949.500	46.03	0.71	46.74	-27.26	74.00	Peak
2		4884.500	44.29	3.47	47.76	-26.24	74.00	Peak
3	*	7698.000	37.33	12.04	49.37	-24.63	74.00	Peak

Note:

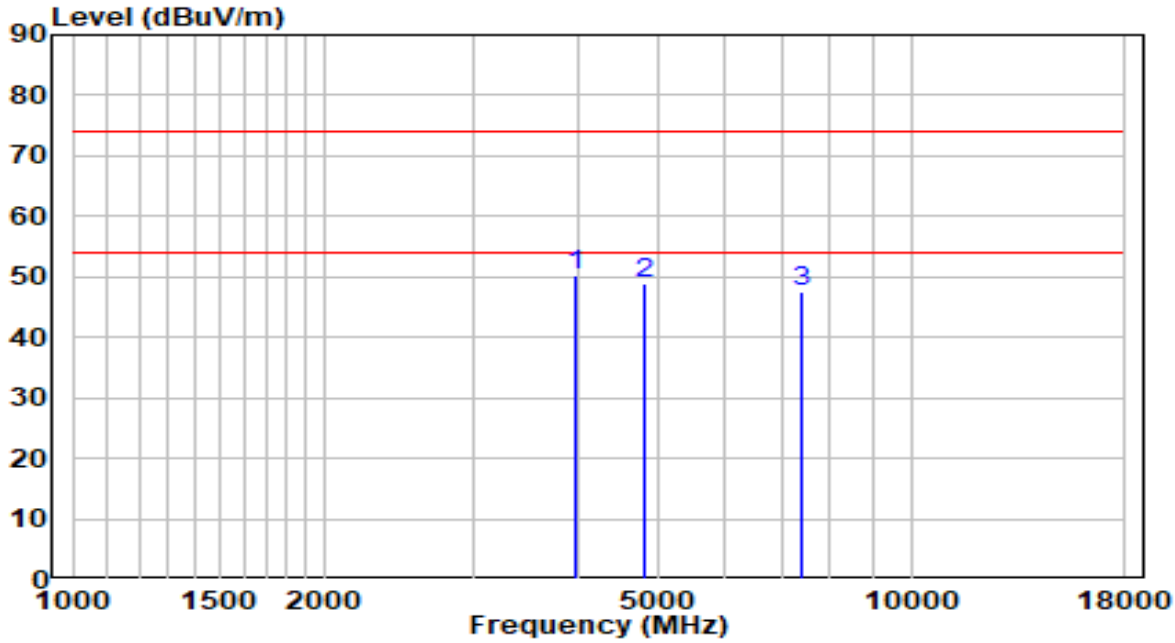
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chu
Test Mode	Transmit by BLE 1M at Channel 2440Mhz	Test Voltage	120V/60Hz

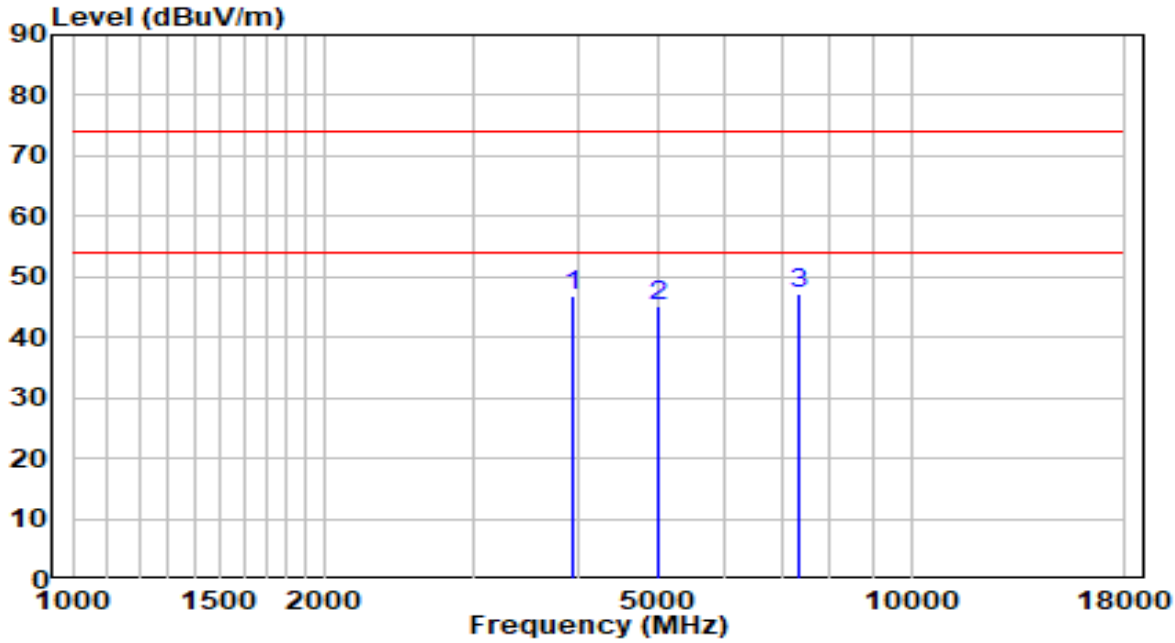


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3983.500	49.47	0.82	50.29	-23.71	74.00	Peak
2		4791.000	45.68	3.25	48.93	-25.07	74.00	Peak
3		7426.000	36.00	11.51	47.51	-26.49	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chu
Test Mode	Transmit by BLE 1M at Channel 2480Mhz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3941.000	46.23	0.68	46.91	-27.09	74.00	Peak
2		4995.000	41.45	3.74	45.19	-28.81	74.00	Peak
3	*	7366.500	35.93	11.34	47.27	-26.73	74.00	Peak

Note:

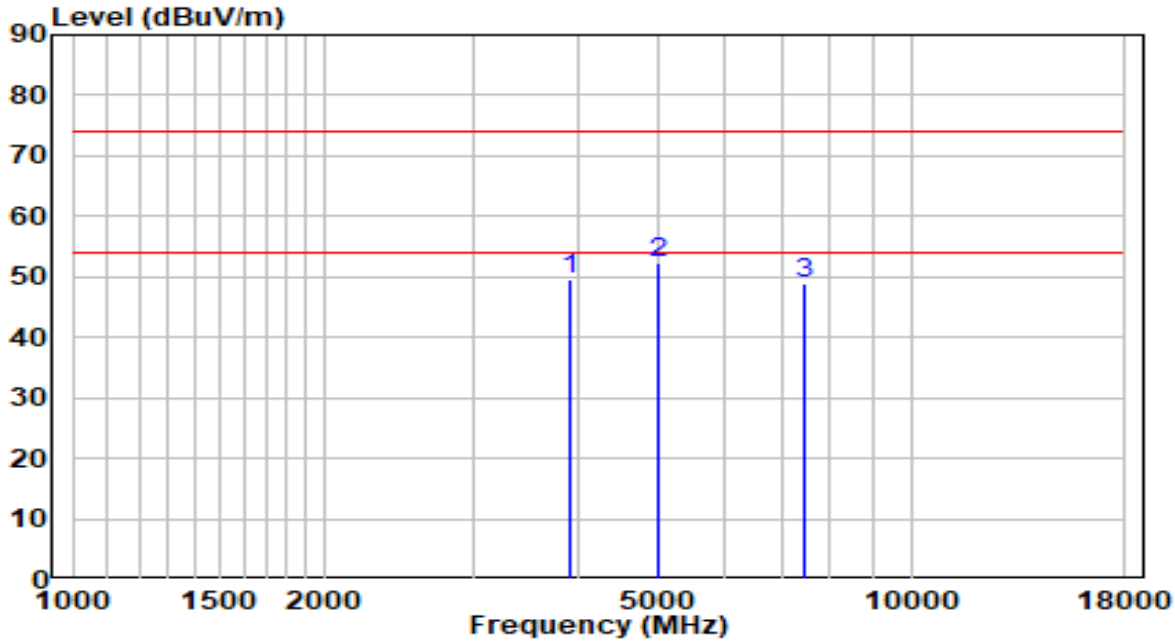
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chu
Test Mode	Transmit by BLE 1M at Channel 2480Mhz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3924.000	49.06	0.62	49.68	-24.32	74.00	Peak
2	*	4986.500	48.73	3.72	52.44	-21.56	74.00	Peak
3		7468.500	37.21	11.63	48.84	-25.16	74.00	Peak

Note:

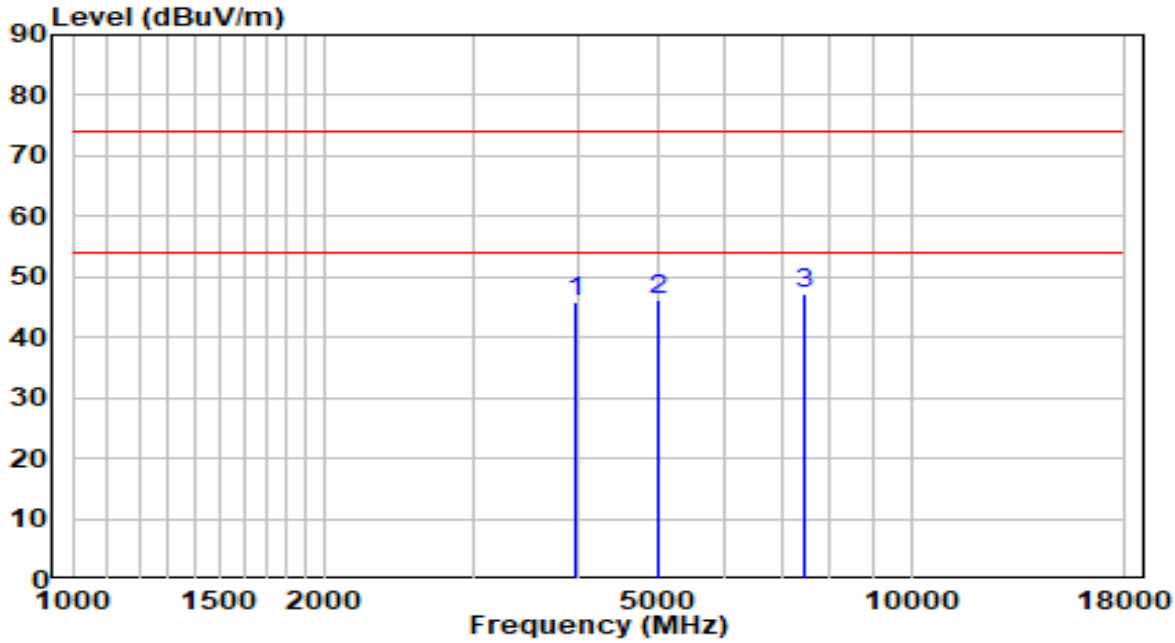
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chu
Test Mode	Transmit by BLE 2M at Channel 2402Mhz	Test Voltage	120V/60Hz

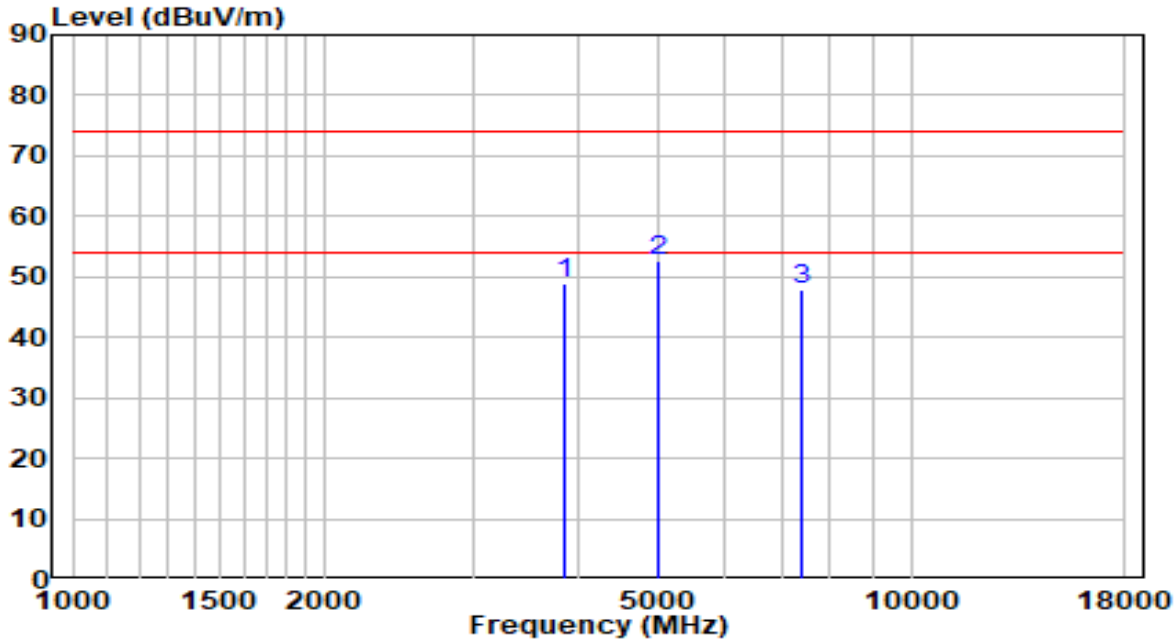


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3992.000	45.02	0.85	45.87	-28.13	74.00	Peak
2		4986.500	42.44	3.72	46.16	-27.84	74.00	Peak
3	*	7451.500	35.78	11.58	47.36	-26.64	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chu
Test Mode	Transmit by BLE 2M at Channel 2402Mhz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3873.000	48.39	0.44	48.83	-25.17	74.00	Peak
2	*	4995.000	49.01	3.74	52.74	-21.26	74.00	Peak
3		7417.500	36.46	11.48	47.94	-26.06	74.00	Peak

Note:

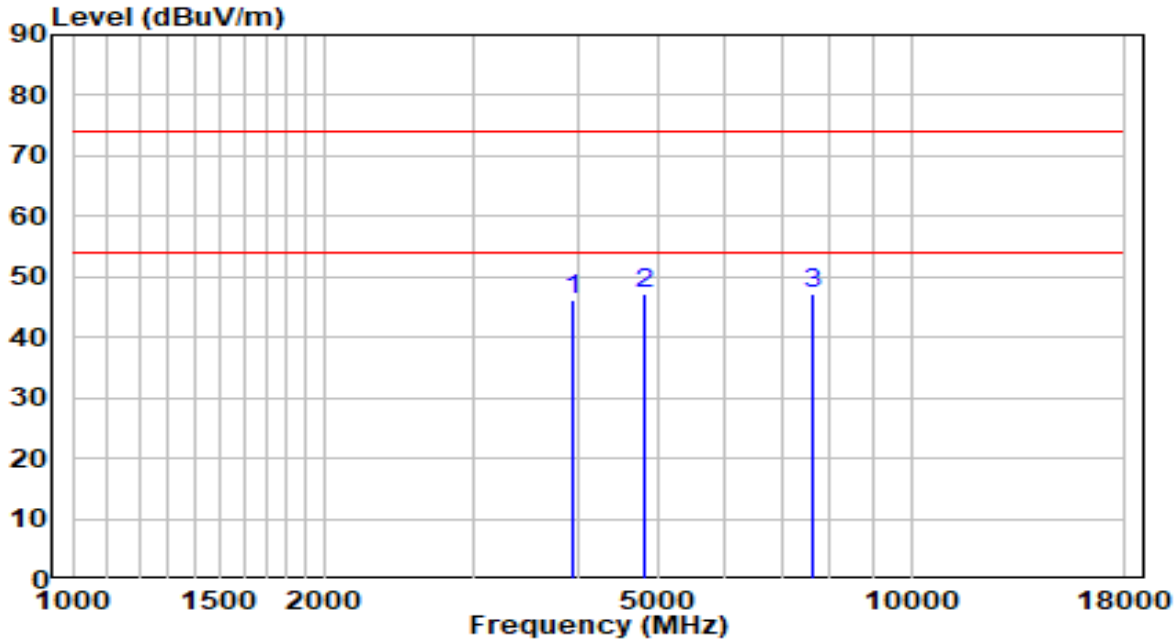
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chu
Test Mode	Transmit by BLE 2M at Channel 2440Mhz	Test Voltage	120V/60Hz

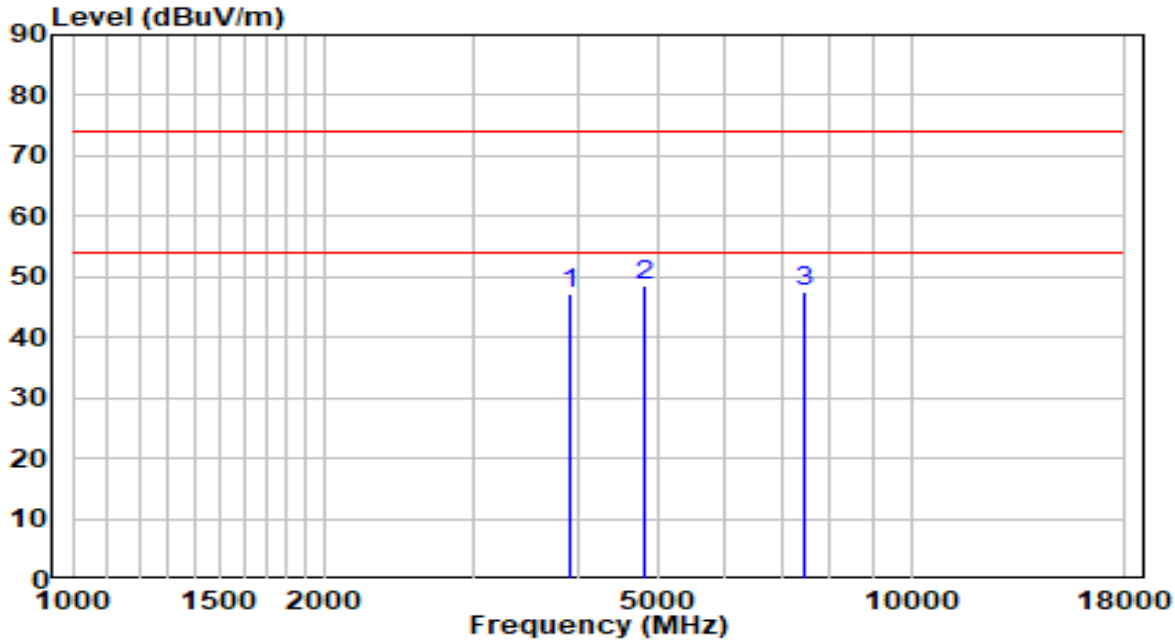


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3958.000	45.45	0.74	46.19	-27.81	74.00	Peak
2	*	4799.500	43.96	3.27	47.23	-26.77	74.00	Peak
3		7655.500	35.12	11.97	47.09	-26.91	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chu
Test Mode	Transmit by BLE 2M at Channel 2440Mhz	Test Voltage	120V/60Hz

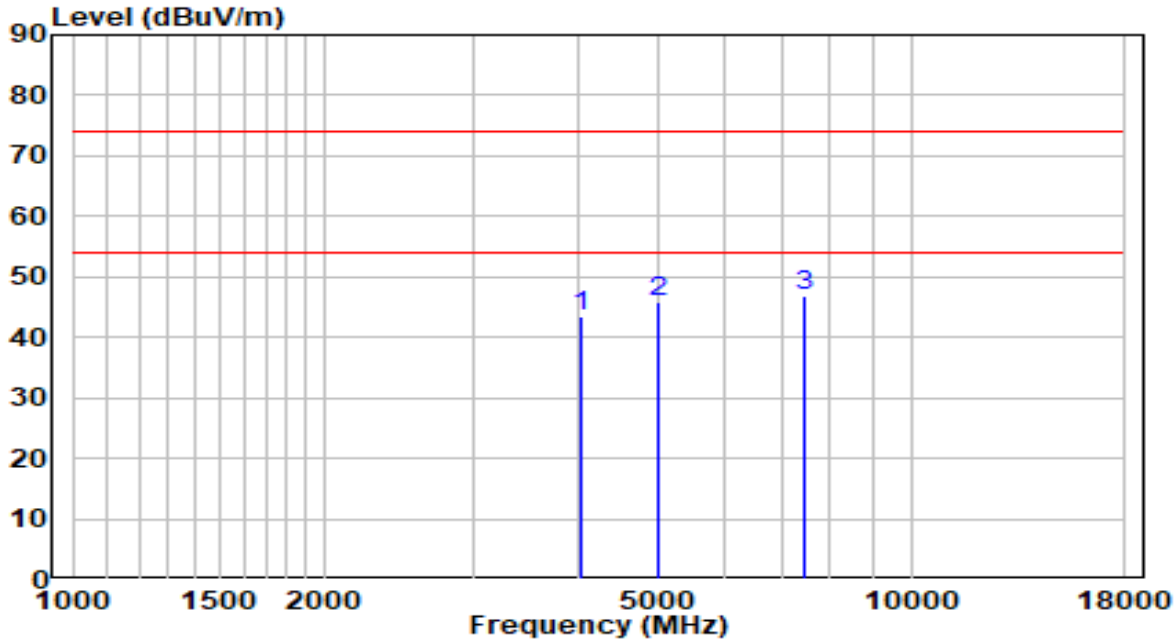


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3932.500	46.62	0.65	47.27	-26.73	74.00	Peak
2	*	4799.500	45.43	3.27	48.70	-25.30	74.00	Peak
3		7468.500	36.06	11.63	47.68	-26.32	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chu
Test Mode	Transmit by BLE 2M at Channel 2480Mhz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4043.000	42.45	1.02	43.47	-30.53	74.00	Peak
2		4995.000	42.26	3.74	46.00	-28.00	74.00	Peak
3	*	7468.500	35.09	11.63	46.72	-27.28	74.00	Peak

Note:

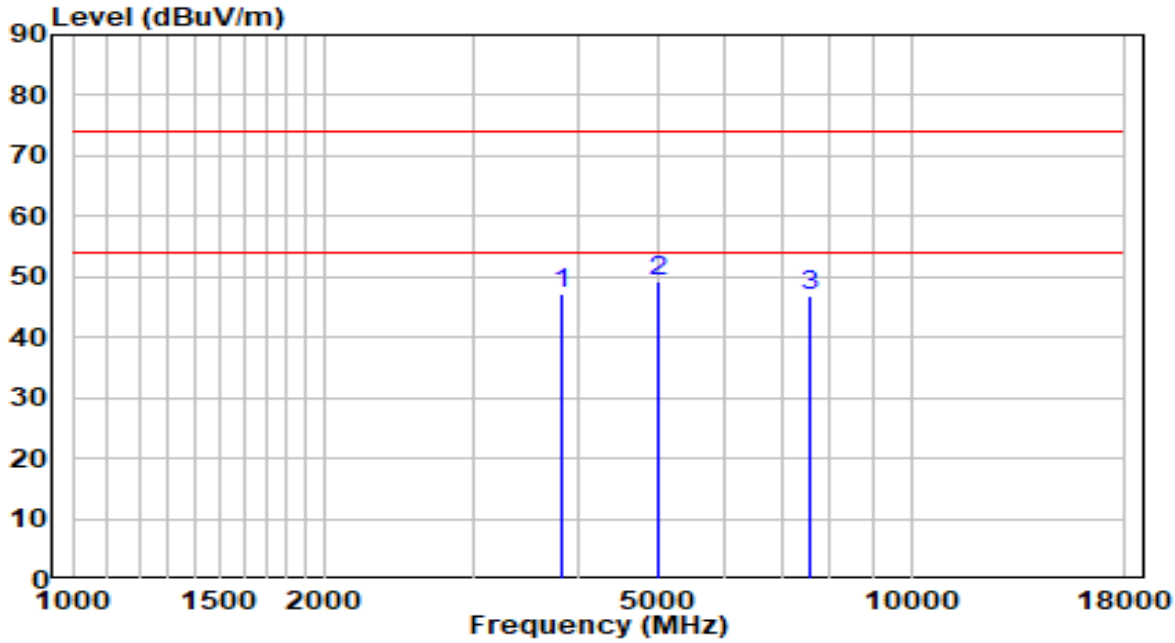
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chu
Test Mode	Transmit by BLE 2M at Channel 2480Mhz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3839.000	46.94	0.33	47.27	-26.73	74.00	Peak
2	*	4986.500	45.62	3.72	49.34	-24.66	74.00	Peak
3		7562.000	35.05	11.82	46.86	-27.14	74.00	Peak

Note:

1. " *", means this data is the worst emission level.

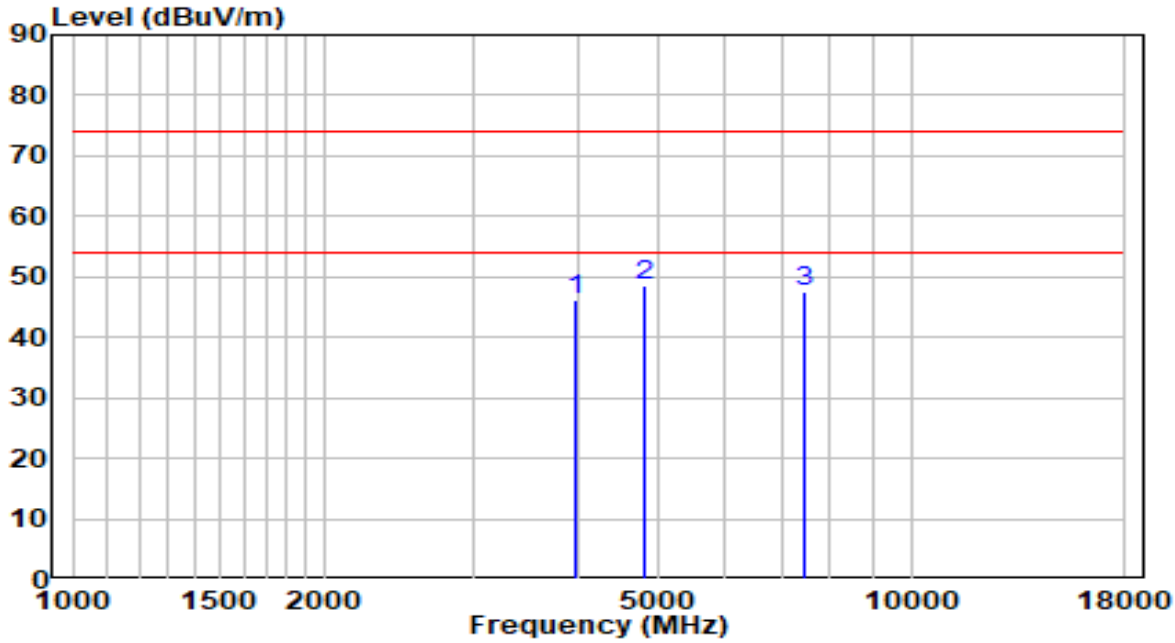
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

Bluetooth Chip 1 Internal Antenna

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402Mhz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3975.000	45.53	0.79	46.32	-27.68	74.00	Peak
2	*	4808.000	45.31	3.29	48.60	-25.40	74.00	Peak
3		7460.000	35.78	11.60	47.38	-26.62	74.00	Peak

Note:

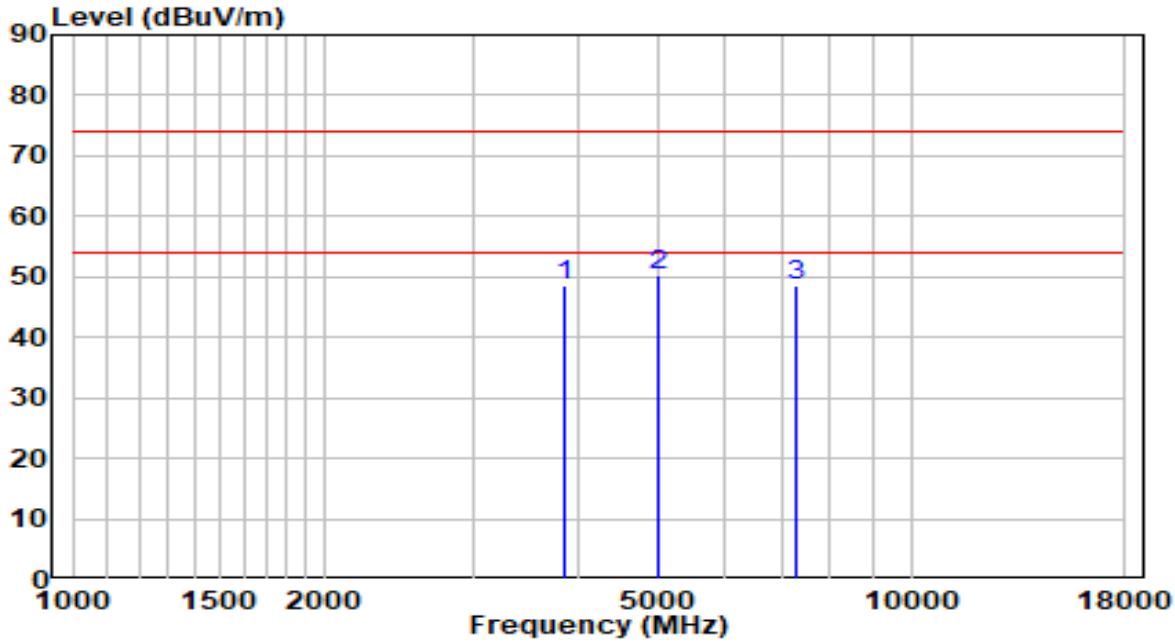
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402Mhz	Test Voltage	120V/60Hz

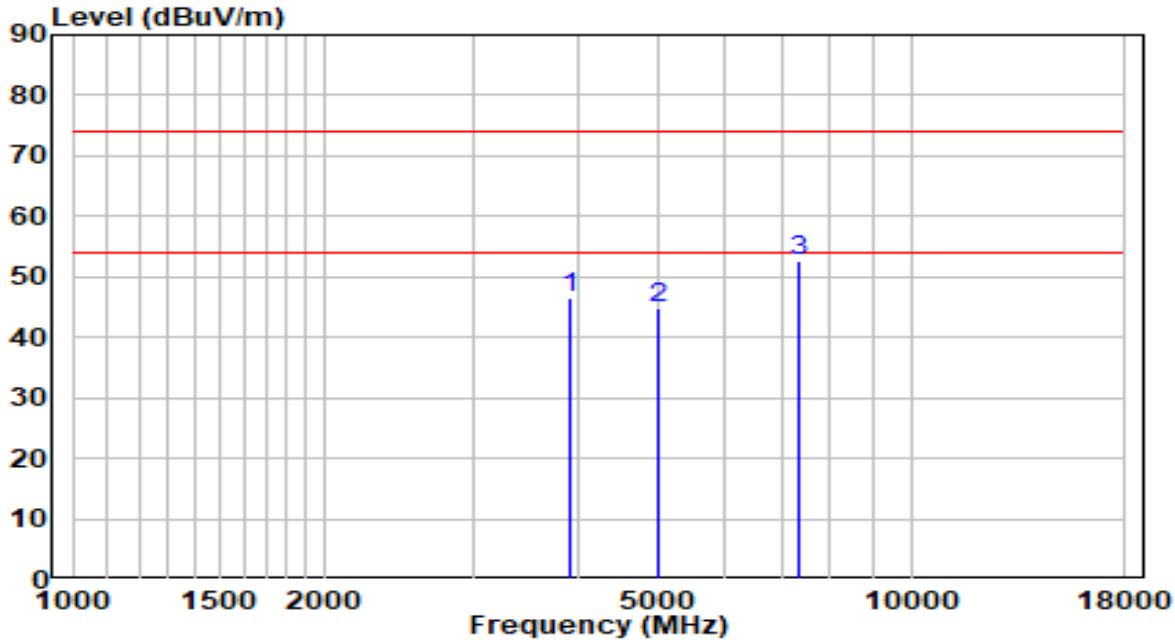


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3864.500	48.03	0.41	48.45	-25.55	74.00	Peak
2	*	4995.000	46.41	3.74	50.15	-23.85	74.00	Peak
3		7315.500	37.32	11.19	48.51	-25.49	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440Mhz	Test Voltage	120V/60Hz

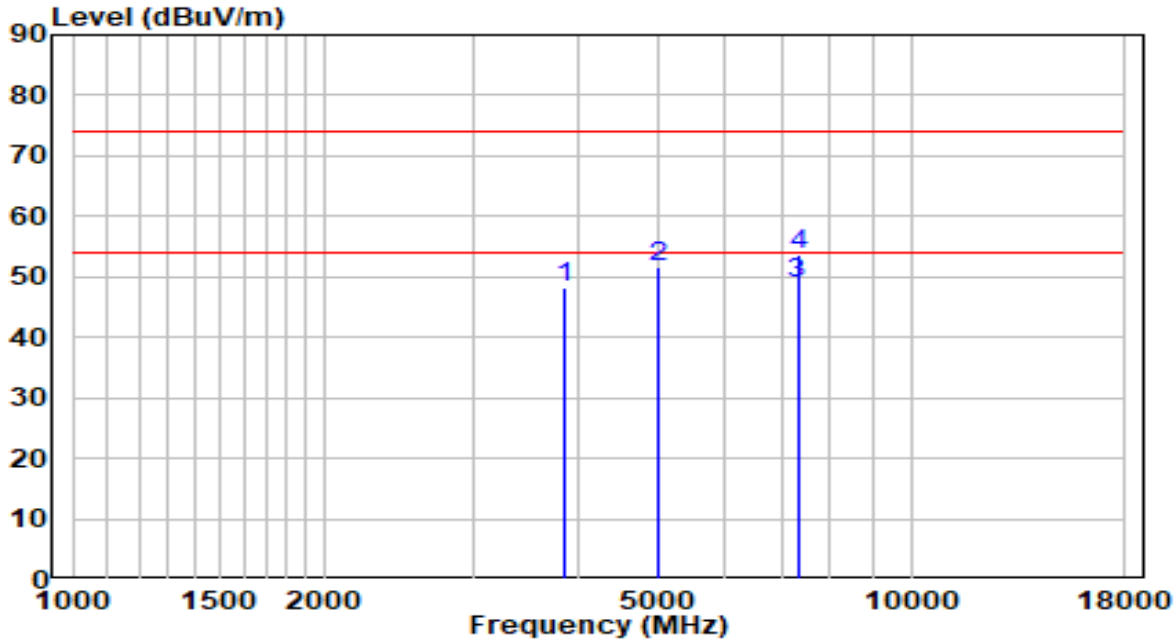


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3915.500	45.91	0.59	46.50	-27.50	74.00	Peak
2		4978.000	41.23	3.70	44.92	-29.08	74.00	Peak
3	*	7324.000	41.38	11.22	52.59	-21.41	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440Mhz	Test Voltage	120V/60Hz

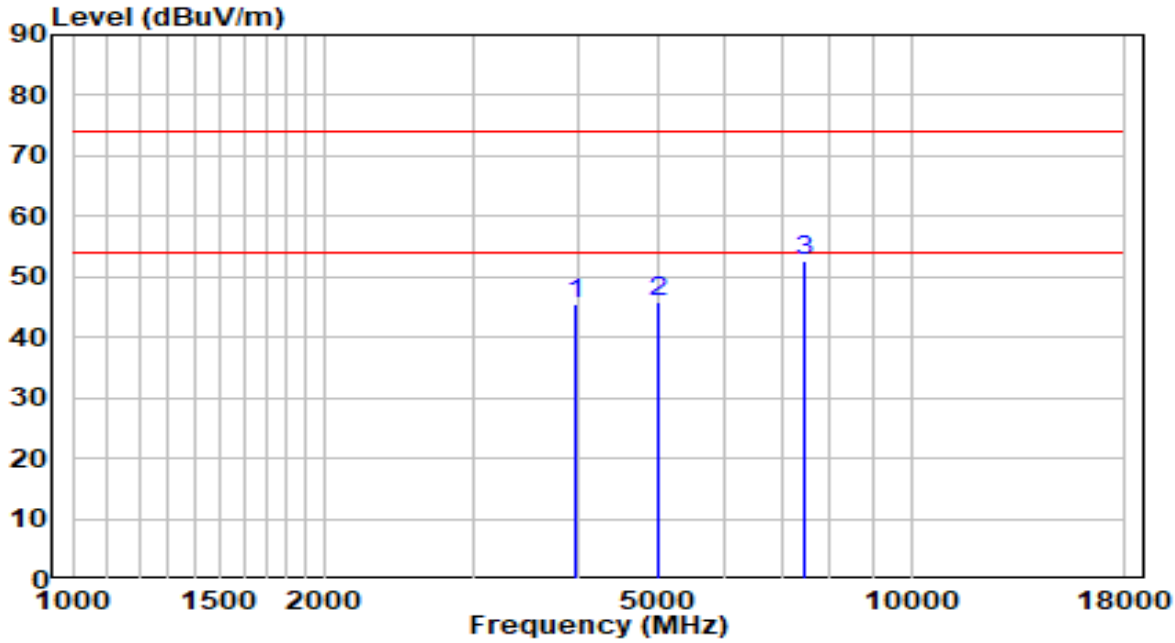


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3873.000	47.63	0.44	48.08	-25.92	74.00	Peak
2		4986.500	48.00	3.72	51.72	-22.28	74.00	Peak
3		7320.000	37.67	11.21	48.88	-25.12	74.00	Average
4	*	7324.000	42.56	11.22	53.78	-20.22	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480Mhz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3983.500	44.70	0.82	45.52	-28.48	74.00	Peak
2		4995.000	42.02	3.74	45.75	-28.25	74.00	Peak
3	*	7443.000	41.17	11.55	52.72	-21.28	74.00	Peak

Note:

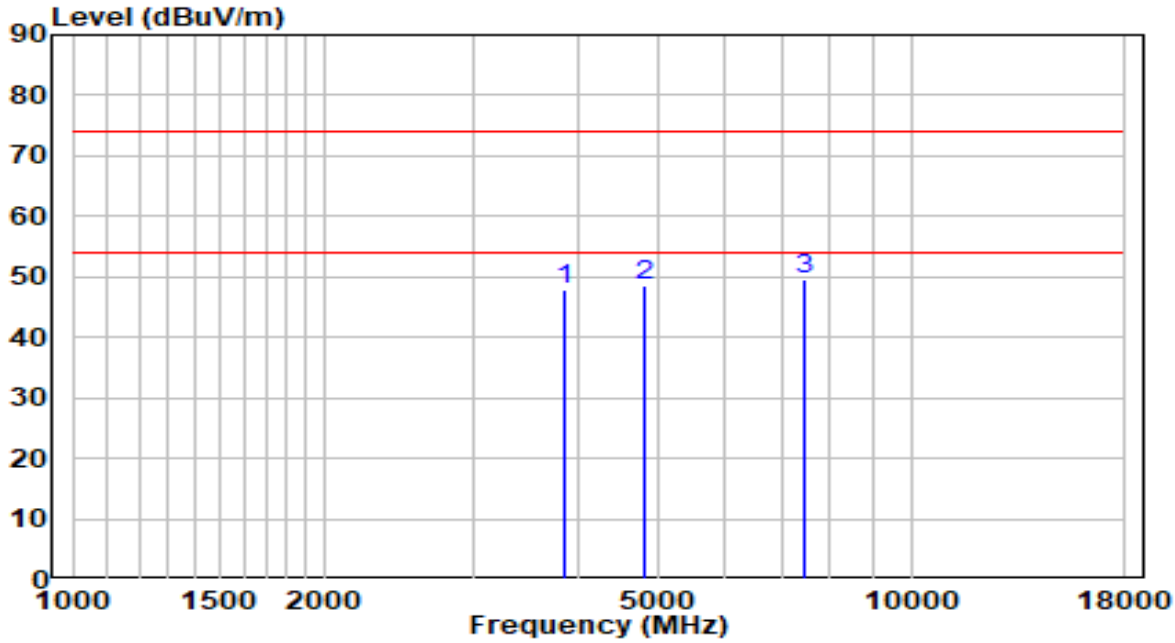
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480Mhz	Test Voltage	120V/60Hz

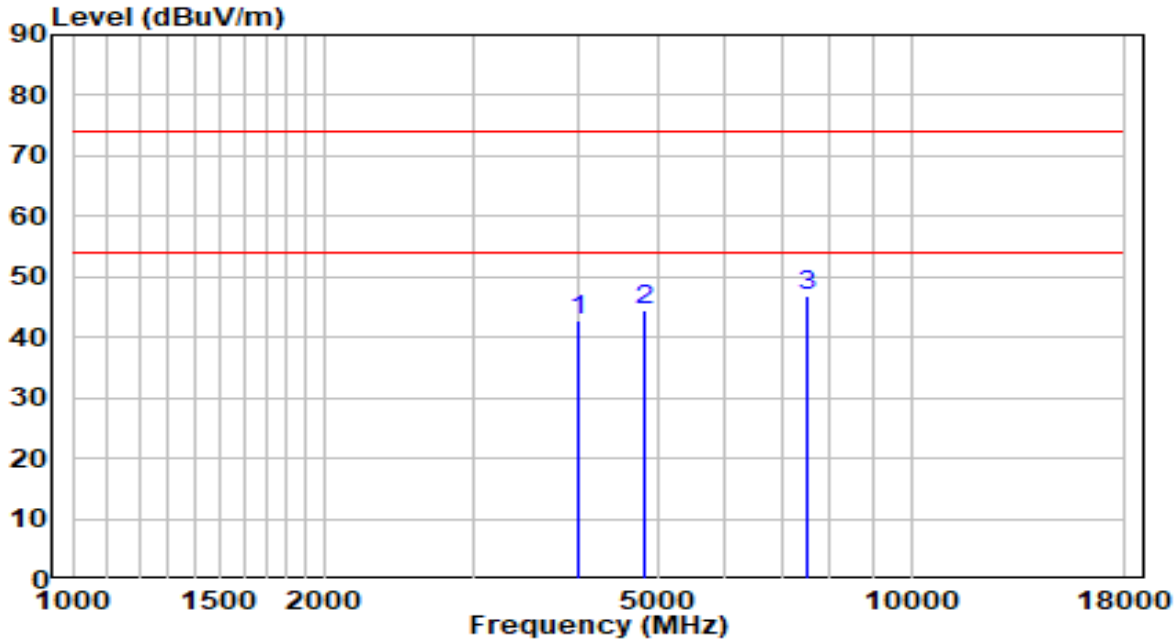


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3847.500	47.54	0.36	47.89	-26.11	74.00	Peak
2		4791.000	45.36	3.25	48.61	-25.39	74.00	Peak
3	*	7443.000	37.96	11.55	49.51	-24.49	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2402Mhz	Test Voltage	120V/60Hz

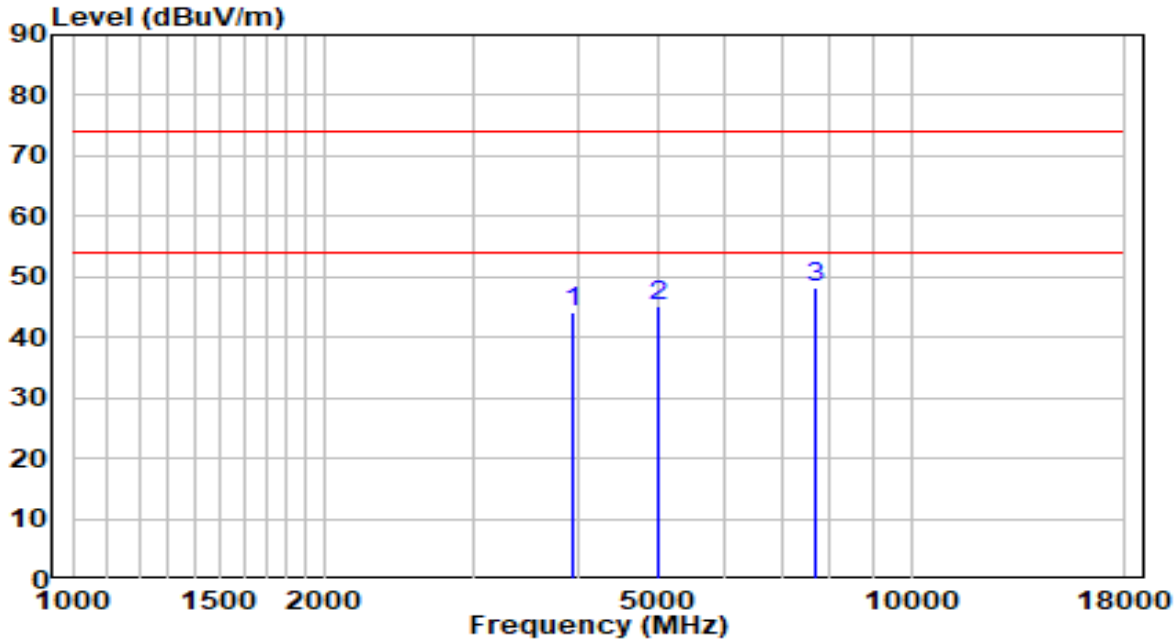


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4009.000	41.98	0.91	42.89	-31.11	74.00	Peak
2		4808.000	41.09	3.29	44.38	-29.62	74.00	Peak
3	*	7494.000	35.23	11.70	46.92	-27.08	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2402Mhz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3958.000	43.25	0.74	43.99	-30.01	74.00	Peak
2		4986.500	41.42	3.72	45.13	-28.87	74.00	Peak
3	*	7689.500	36.13	12.02	48.15	-25.85	74.00	Peak

Note:

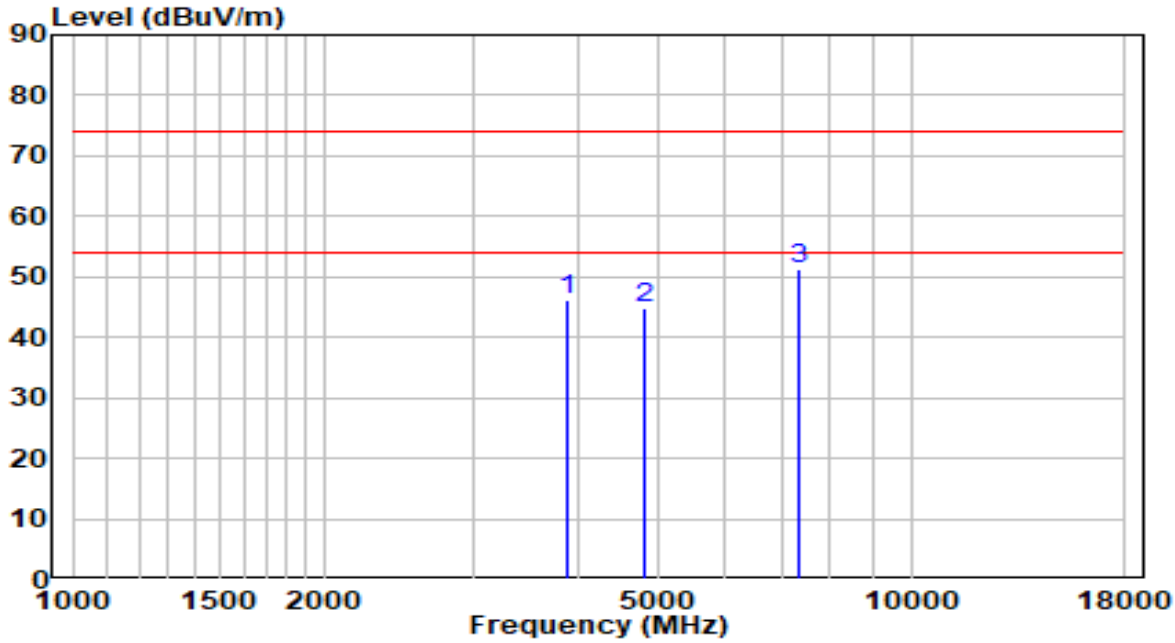
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2440Mhz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3890.000	45.76	0.50	46.26	-27.74	74.00	Peak
2		4799.500	41.69	3.27	44.96	-29.04	74.00	Peak
3	*	7324.000	40.19	11.22	51.41	-22.59	74.00	Peak

Note:

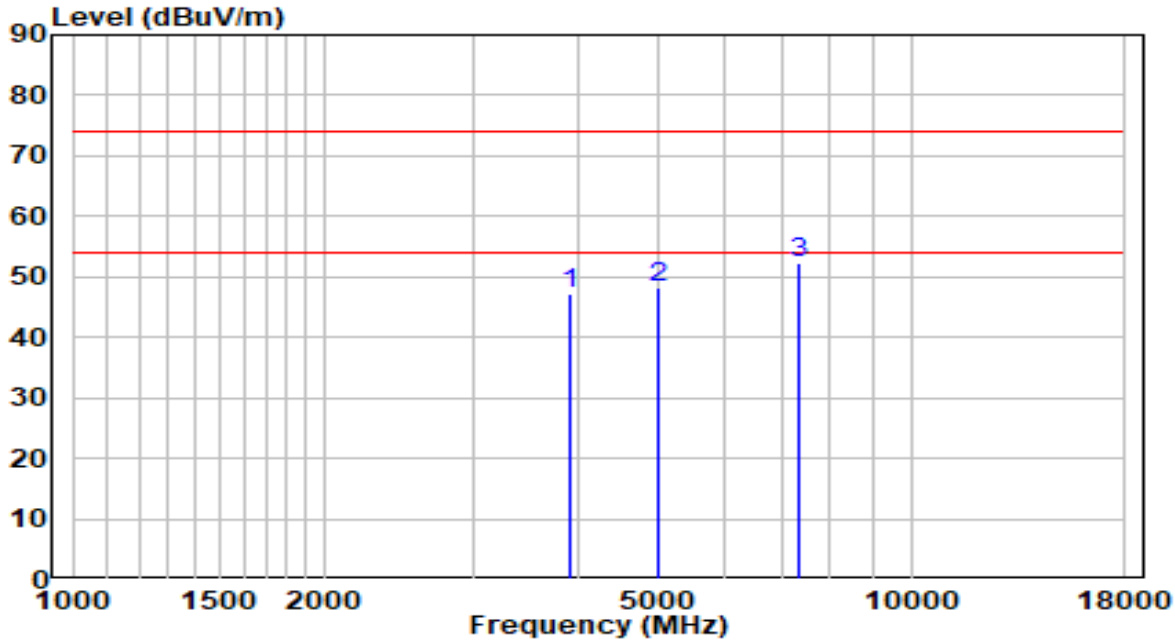
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2440Mhz	Test Voltage	120V/60Hz

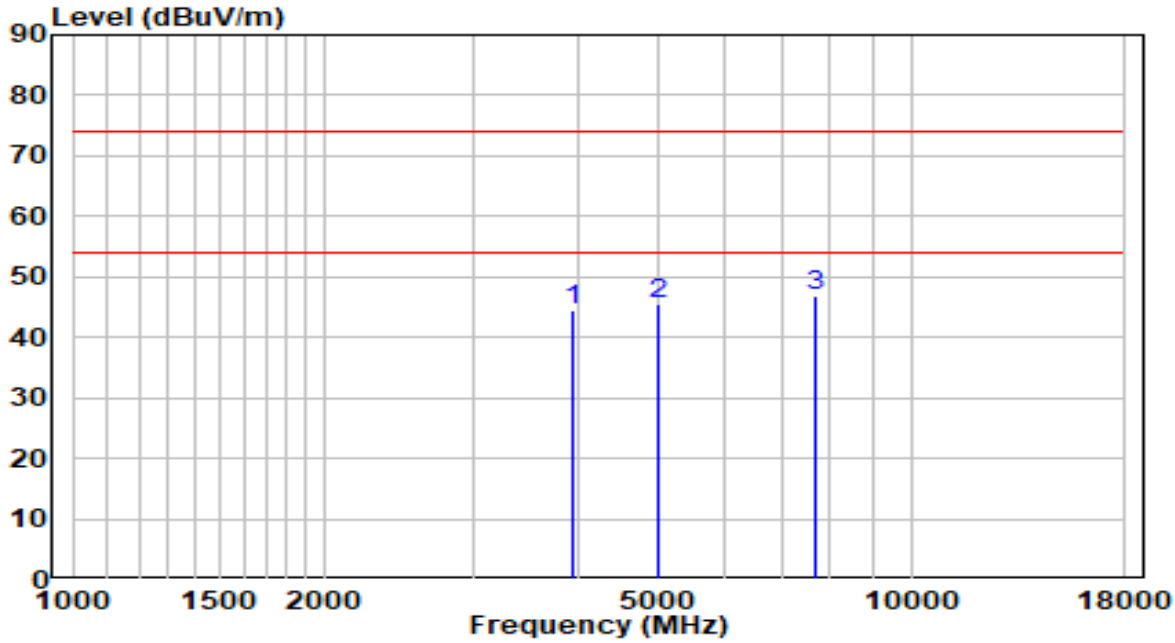


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3932.500	46.59	0.65	47.23	-26.77	74.00	Peak
2		4995.000	44.56	3.74	48.30	-25.70	74.00	Peak
3	*	7324.000	40.98	11.22	52.19	-21.81	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2480Mhz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3941.000	43.90	0.68	44.58	-29.42	74.00	Peak
2		4986.500	41.63	3.72	45.35	-28.65	74.00	Peak
3	*	7672.500	34.92	12.00	46.91	-27.09	74.00	Peak

Note:

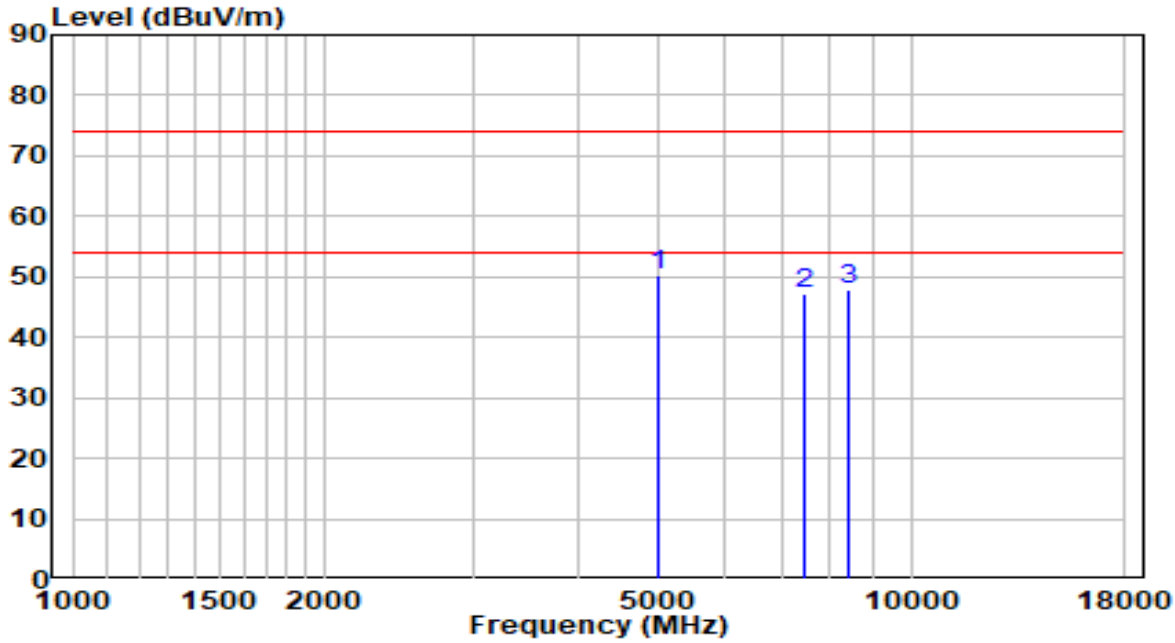
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2480Mhz	Test Voltage	120V/60Hz



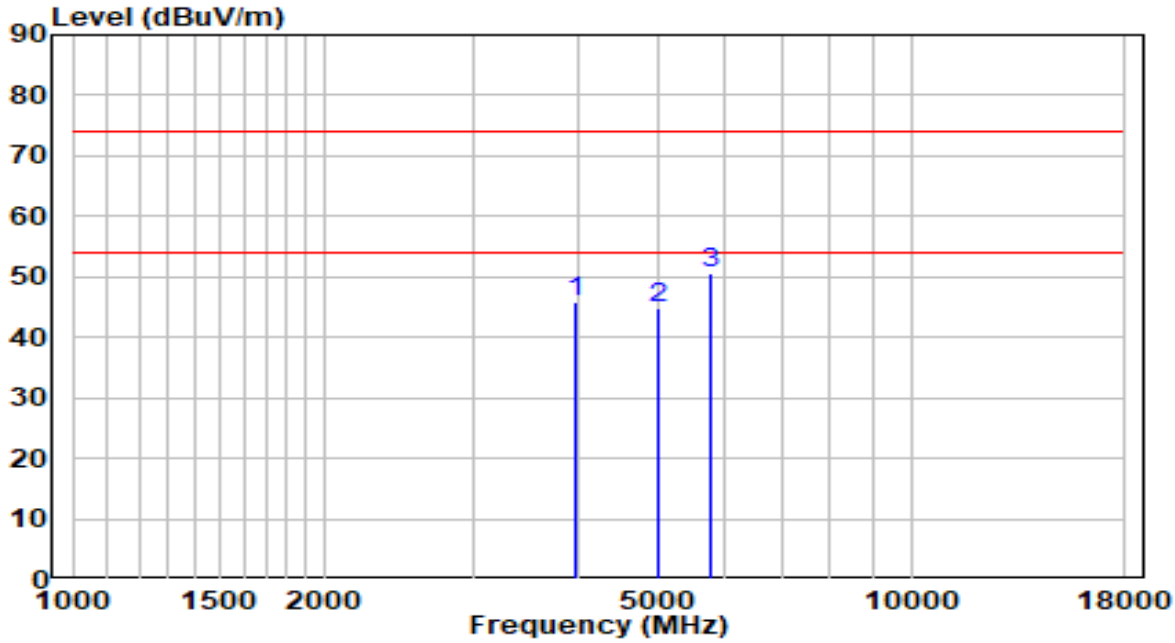
No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	4986.500	46.41	3.72	50.13	-23.87	74.00	Peak
2		7460.000	35.73	11.60	47.34	-26.66	74.00	Peak
3		8395.000	35.47	12.47	47.94	-26.06	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

Bluetooth Chip 0 External Antenna

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402Mhz	Test Voltage	120V/60Hz

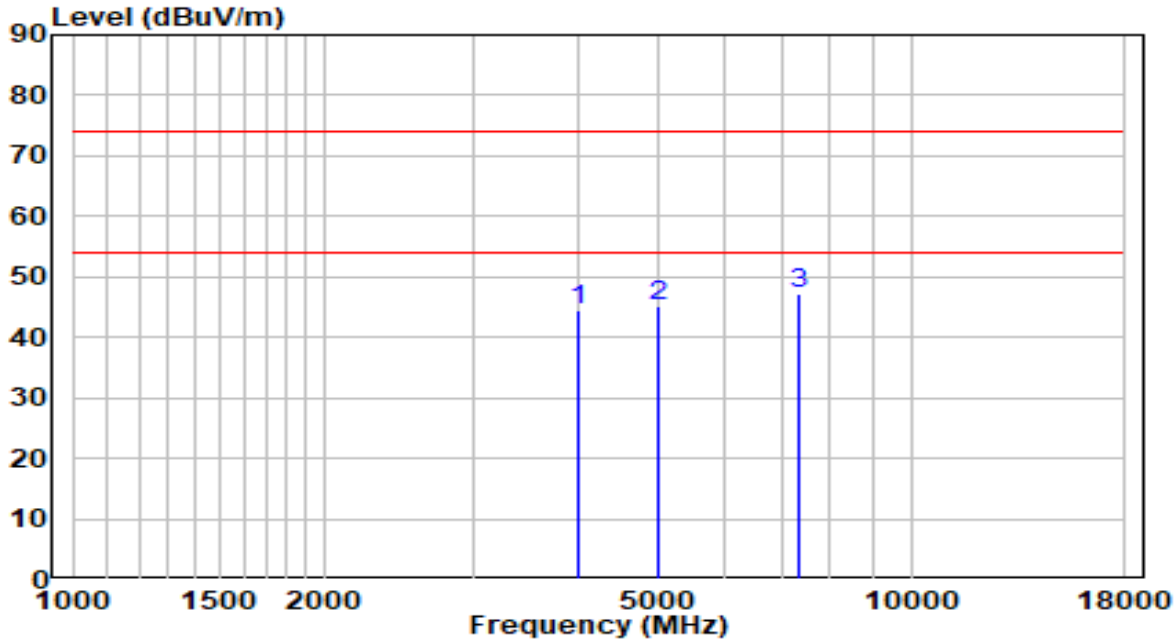


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3983.500	45.02	0.82	45.84	-28.16	74.00	Peak
2		4986.500	41.15	3.72	44.86	-29.14	74.00	Peak
3	*	5768.500	45.35	5.14	50.49	-23.51	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402Mhz	Test Voltage	120V/60Hz

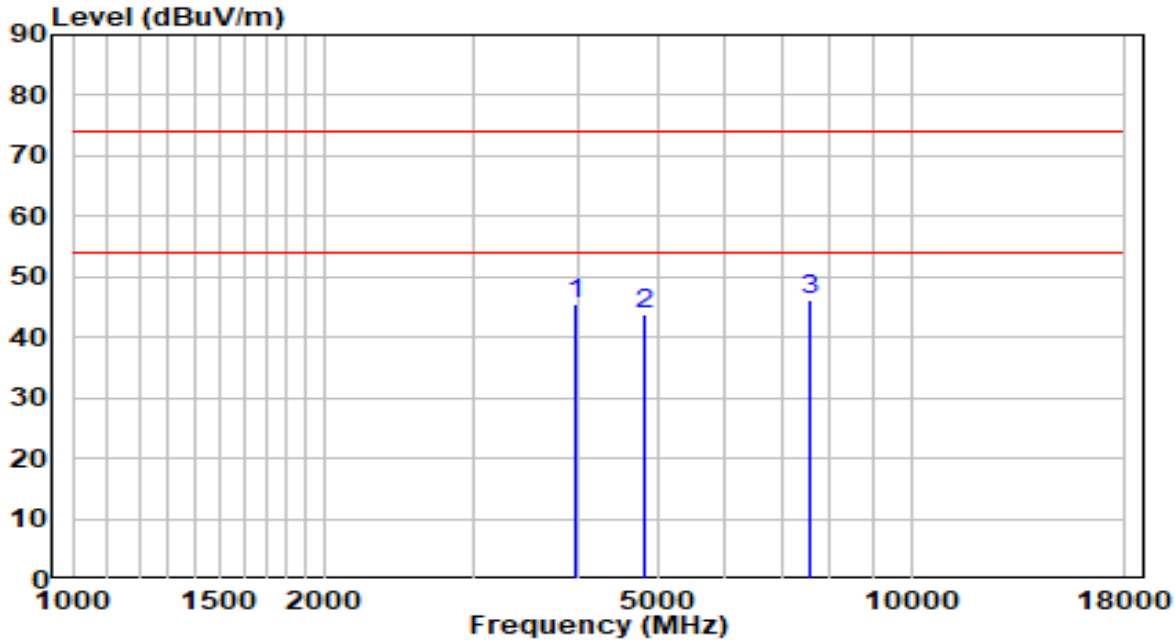


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4009.000	43.43	0.91	44.34	-29.66	74.00	Peak
2		4995.000	41.57	3.74	45.31	-28.69	74.00	Peak
3	*	7349.500	35.84	11.29	47.13	-26.87	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440Mhz	Test Voltage	120V/60Hz

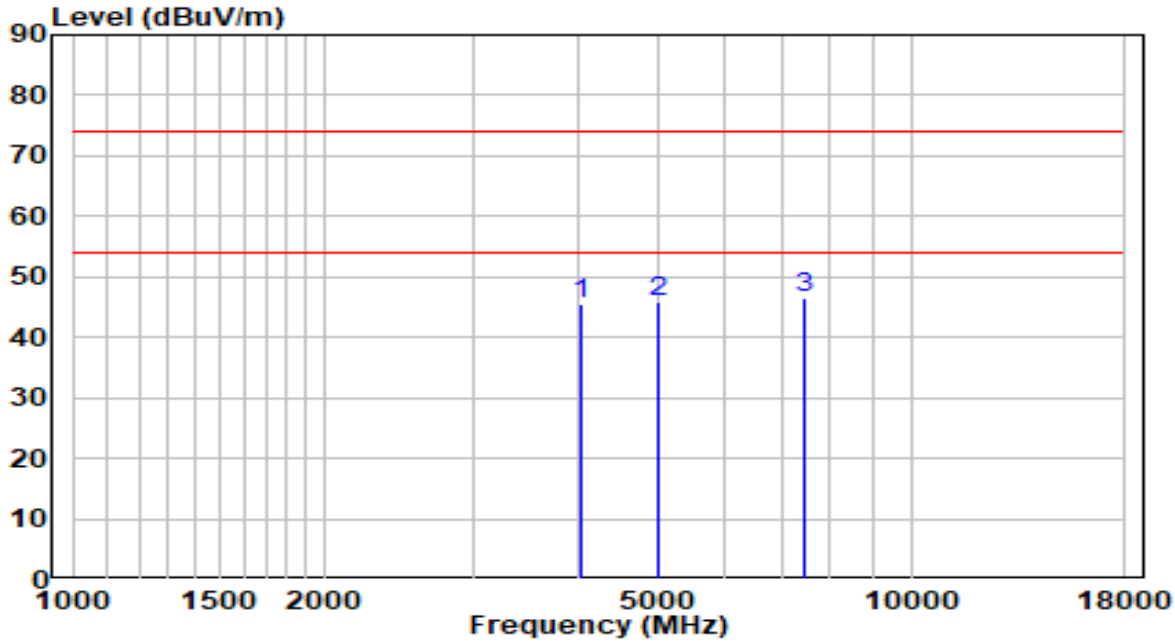


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3983.500	44.68	0.82	45.50	-28.50	74.00	Peak
2		4799.500	40.59	3.27	43.86	-30.14	74.00	Peak
3	*	7553.500	34.51	11.80	46.31	-27.69	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440Mhz	Test Voltage	120V/60Hz

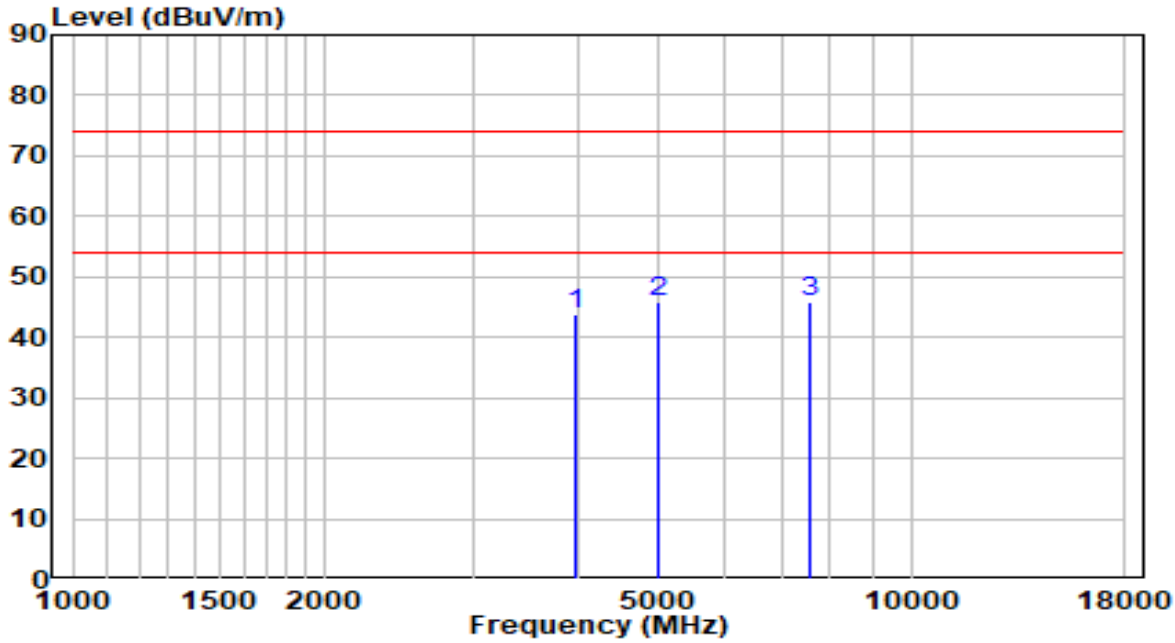


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4043.000	44.53	1.02	45.56	-28.44	74.00	Peak
2		4995.000	42.18	3.74	45.92	-28.08	74.00	Peak
3	*	7485.500	34.82	11.67	46.49	-27.51	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480Mhz	Test Voltage	120V/60Hz

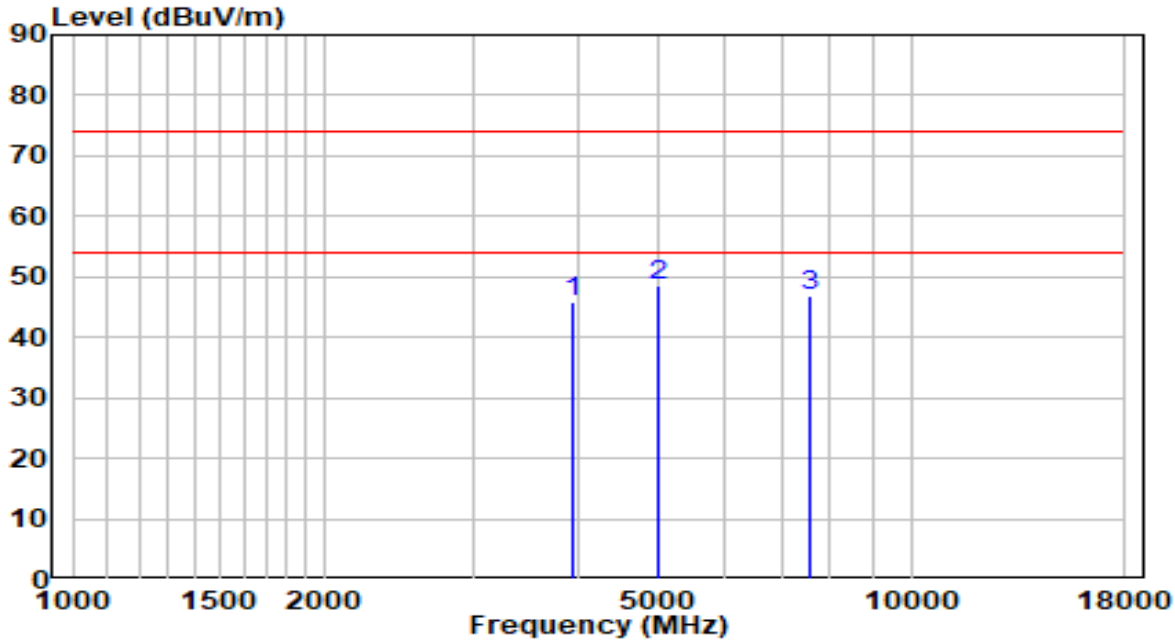


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3992.000	43.05	0.85	43.91	-30.09	74.00	Peak
2		4978.000	42.05	3.70	45.74	-28.26	74.00	Peak
3	*	7562.000	34.01	11.82	45.83	-28.17	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480Mhz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3958.000	45.20	0.74	45.94	-28.06	74.00	Peak
2	*	4995.000	44.93	3.74	48.67	-25.33	74.00	Peak
3		7562.000	34.90	11.82	46.72	-27.28	74.00	Peak

Note:

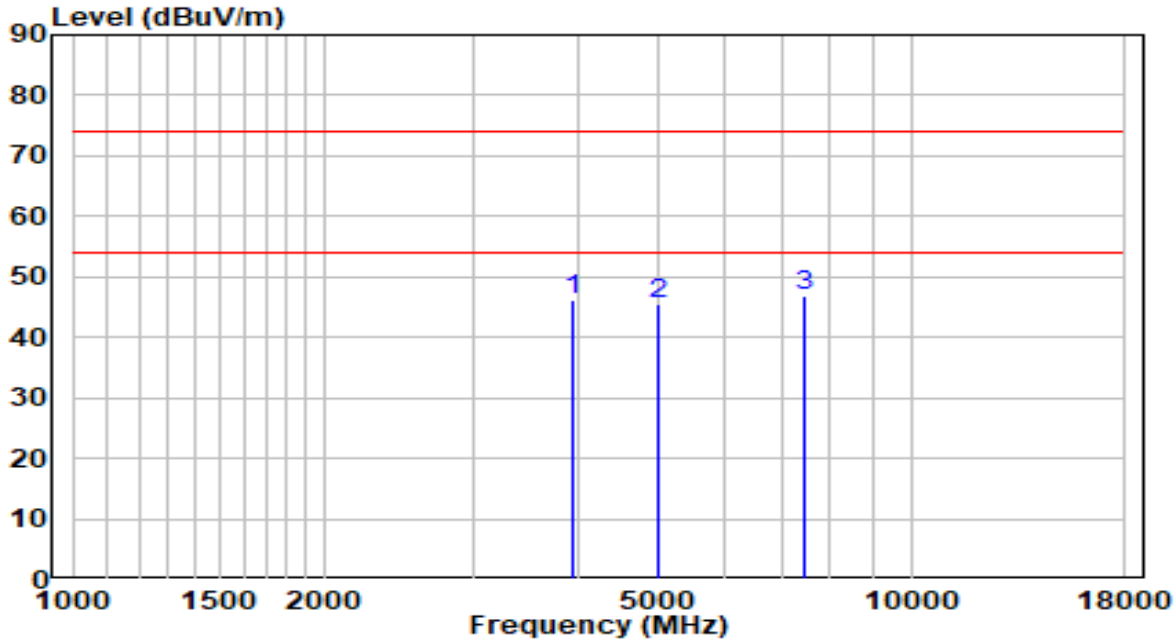
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2402Mhz	Test Voltage	120V/60Hz

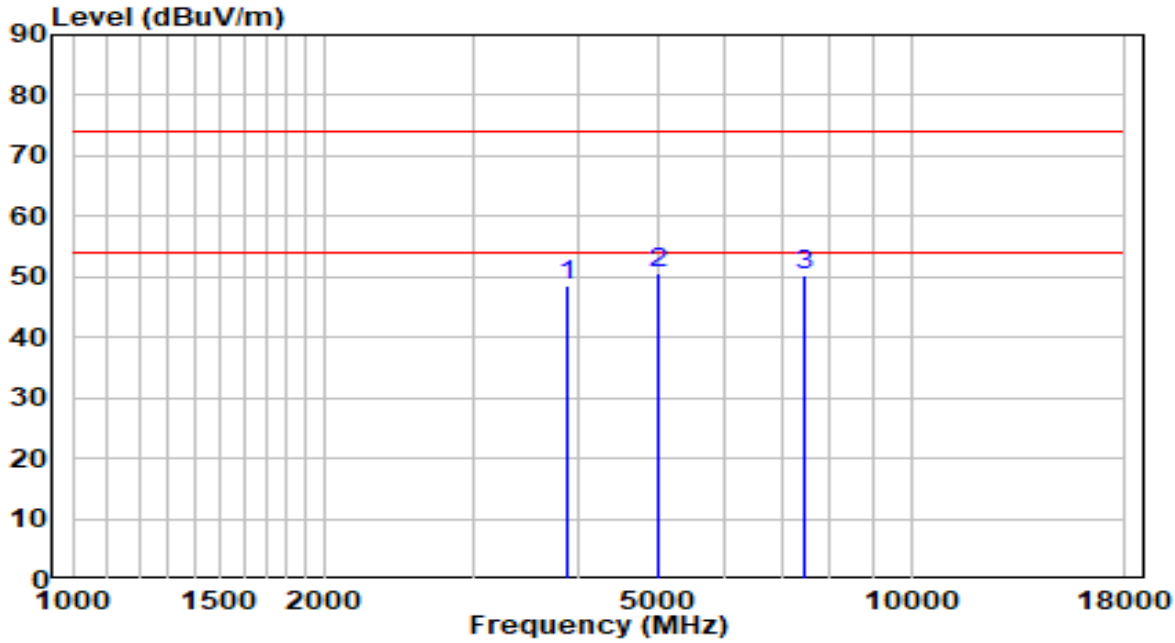


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3958.000	45.59	0.74	46.33	-27.67	74.00	Peak
2		4986.500	41.66	3.72	45.38	-28.62	74.00	Peak
3	*	7460.000	35.42	11.60	47.03	-26.97	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2402Mhz	Test Voltage	120V/60Hz

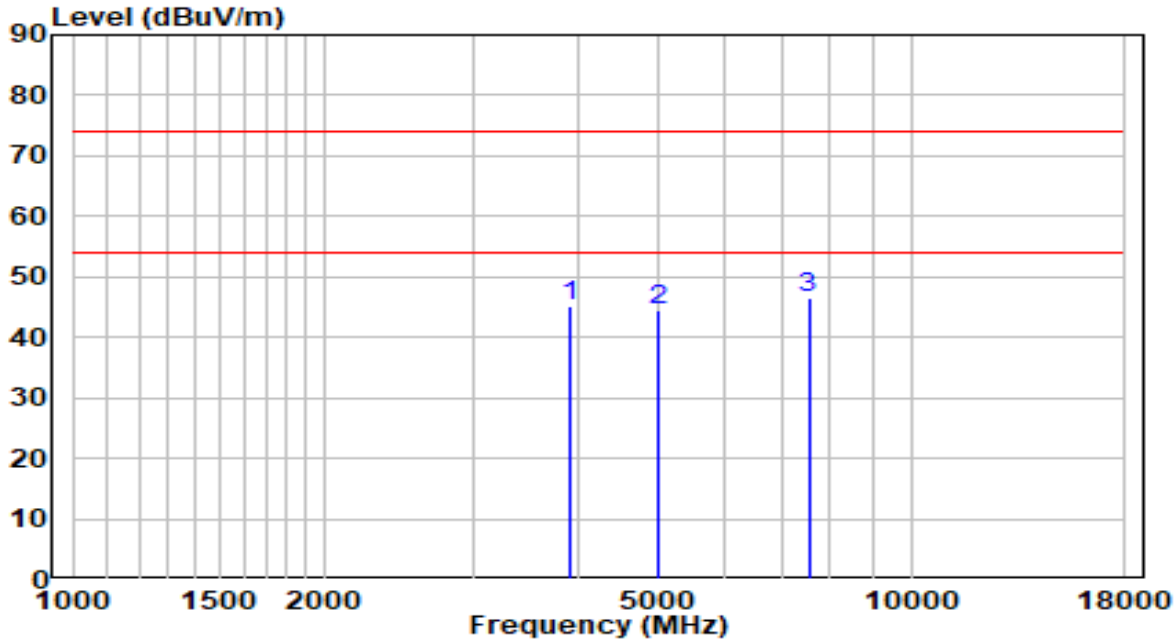


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3881.500	47.95	0.47	48.43	-25.57	74.00	Peak
2	*	4986.500	46.91	3.72	50.63	-23.37	74.00	Peak
3		7477.000	38.72	11.65	50.37	-23.63	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2440Mhz	Test Voltage	120V/60Hz

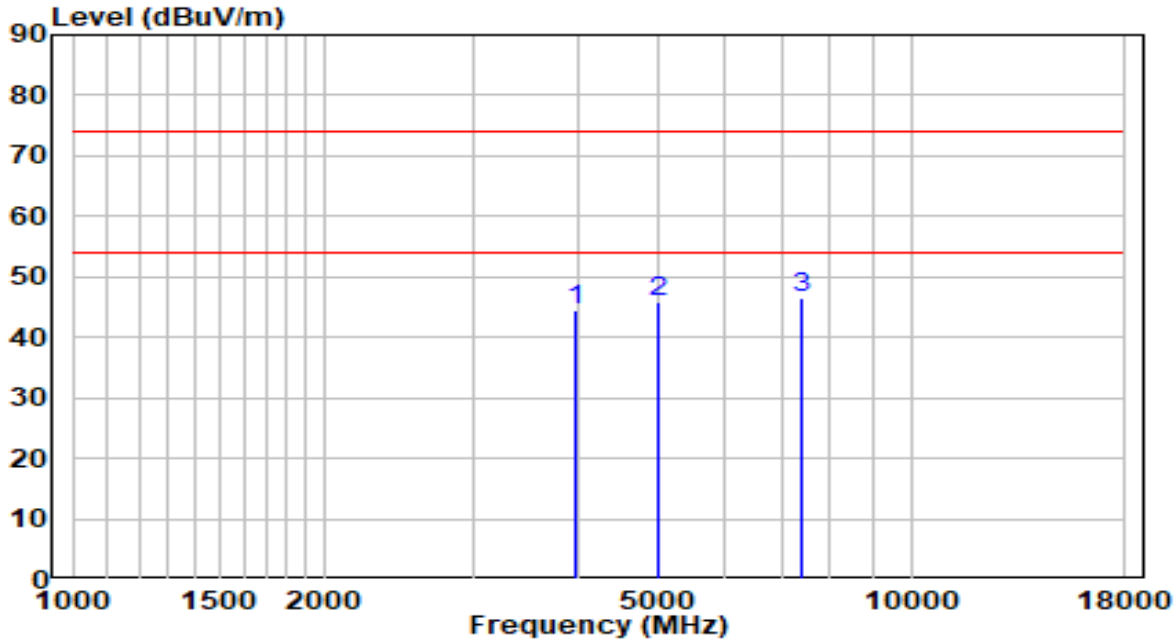


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3915.500	44.72	0.59	45.31	-28.69	74.00	Peak
2		4995.000	40.69	3.74	44.43	-29.57	74.00	Peak
3	*	7545.000	34.85	11.79	46.64	-27.36	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2440Mhz	Test Voltage	120V/60Hz

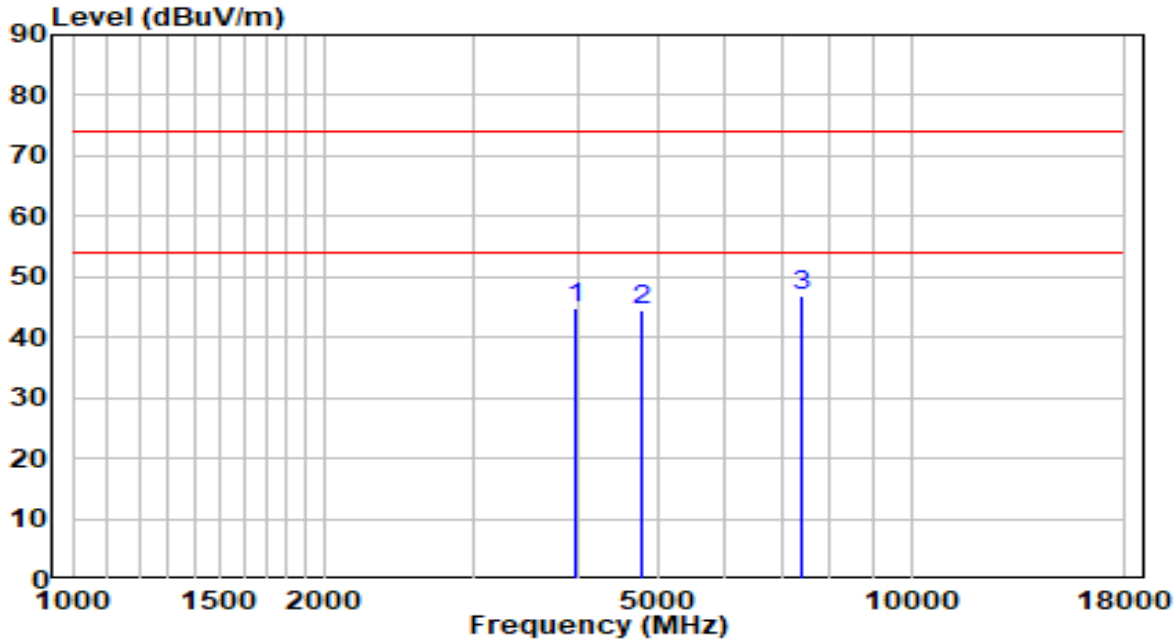


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3983.500	43.58	0.82	44.40	-29.60	74.00	Peak
2		4995.000	41.95	3.74	45.68	-28.32	74.00	Peak
3	*	7426.000	35.07	11.51	46.58	-27.42	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2480Mhz	Test Voltage	120V/60Hz

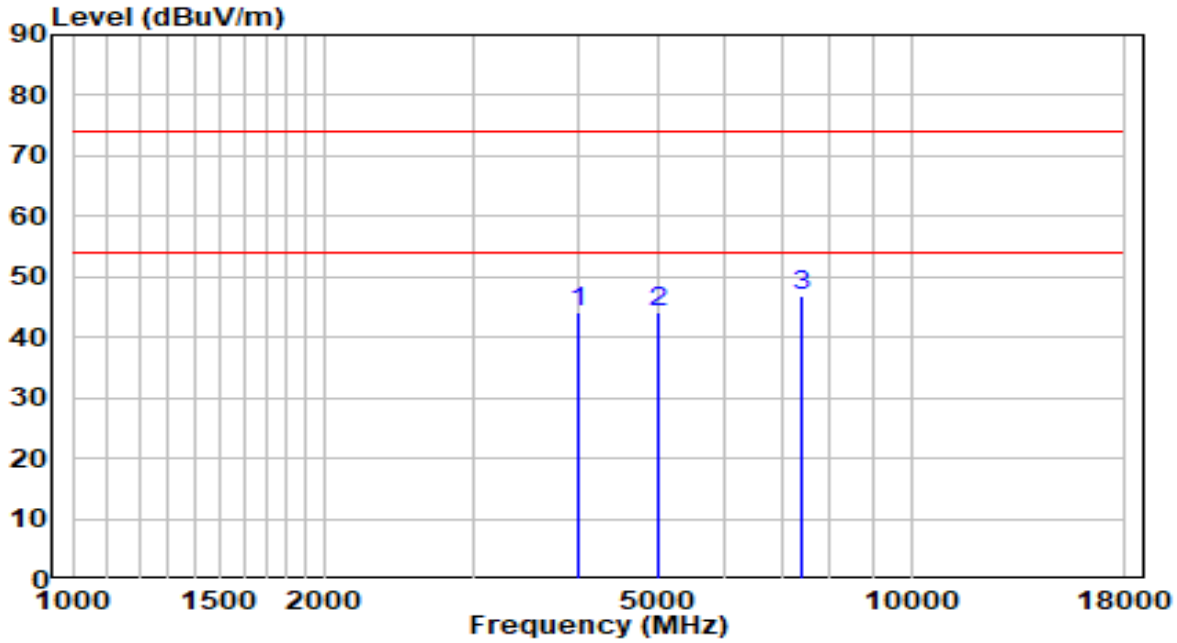


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3992.000	44.00	0.85	44.85	-29.15	74.00	Peak
2		4774.000	41.32	3.21	44.53	-29.47	74.00	Peak
3	*	7400.500	35.47	11.43	46.90	-27.10	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2480Mhz	Test Voltage	120V/60Hz



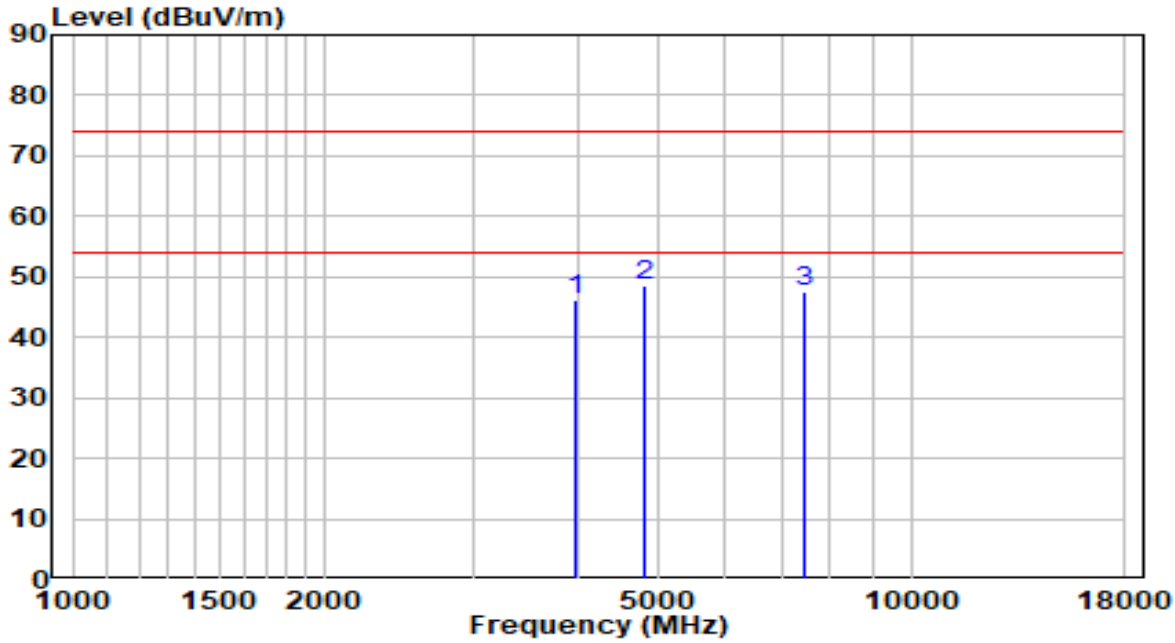
No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4000.500	43.35	0.88	44.23	-29.77	74.00	Peak
2		4995.000	40.46	3.74	44.20	-29.80	74.00	Peak
3	*	7392.000	35.31	11.41	46.72	-27.28	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

Bluetooth Chip 1 Internal Antenna

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402Mhz	Test Voltage	120V/60Hz

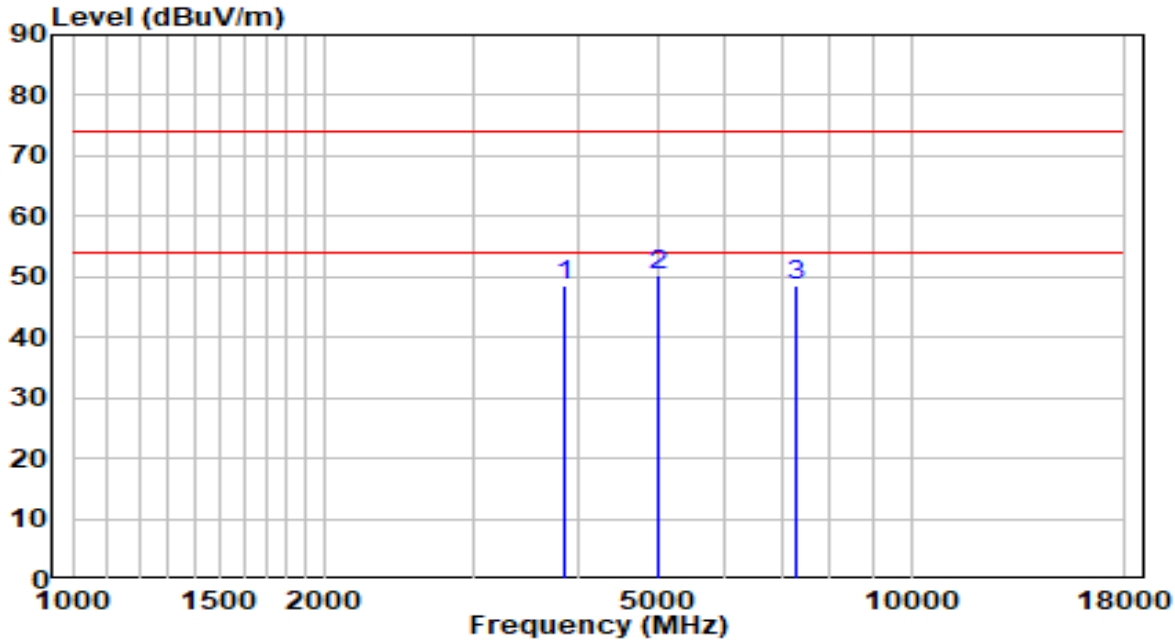


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3975.000	45.53	0.79	46.32	-27.68	74.00	Peak
2	*	4808.000	45.31	3.29	48.60	-25.40	74.00	Peak
3		7460.000	35.78	11.60	47.38	-26.62	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402Mhz	Test Voltage	120V/60Hz

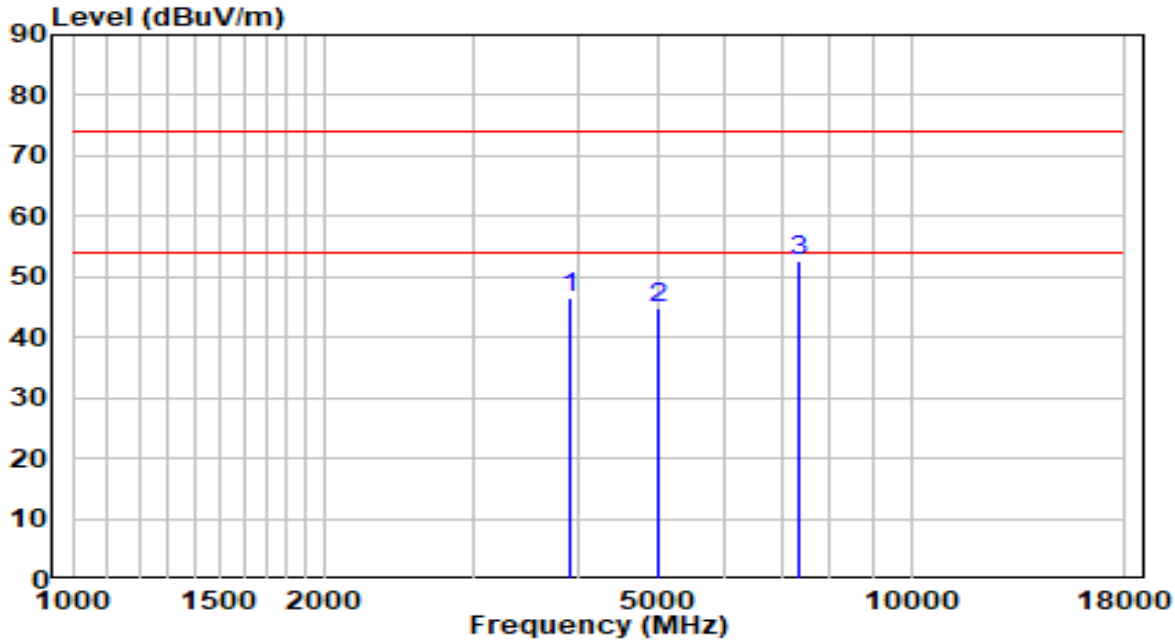


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3864.500	48.03	0.41	48.45	-25.55	74.00	Peak
2	*	4995.000	46.41	3.74	50.15	-23.85	74.00	Peak
3		7315.500	37.32	11.19	48.51	-25.49	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440Mhz	Test Voltage	120V/60Hz

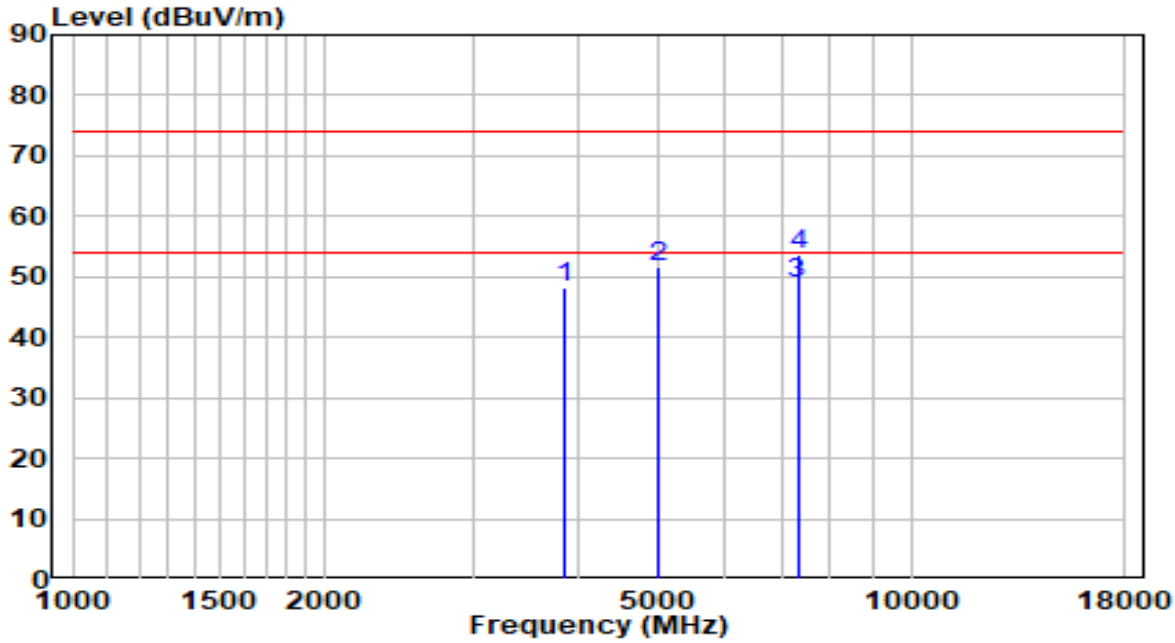


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3915.500	45.91	0.59	46.50	-27.50	74.00	Peak
2		4978.000	41.23	3.70	44.92	-29.08	74.00	Peak
3	*	7324.000	41.38	11.22	52.59	-21.41	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440Mhz	Test Voltage	120V/60Hz

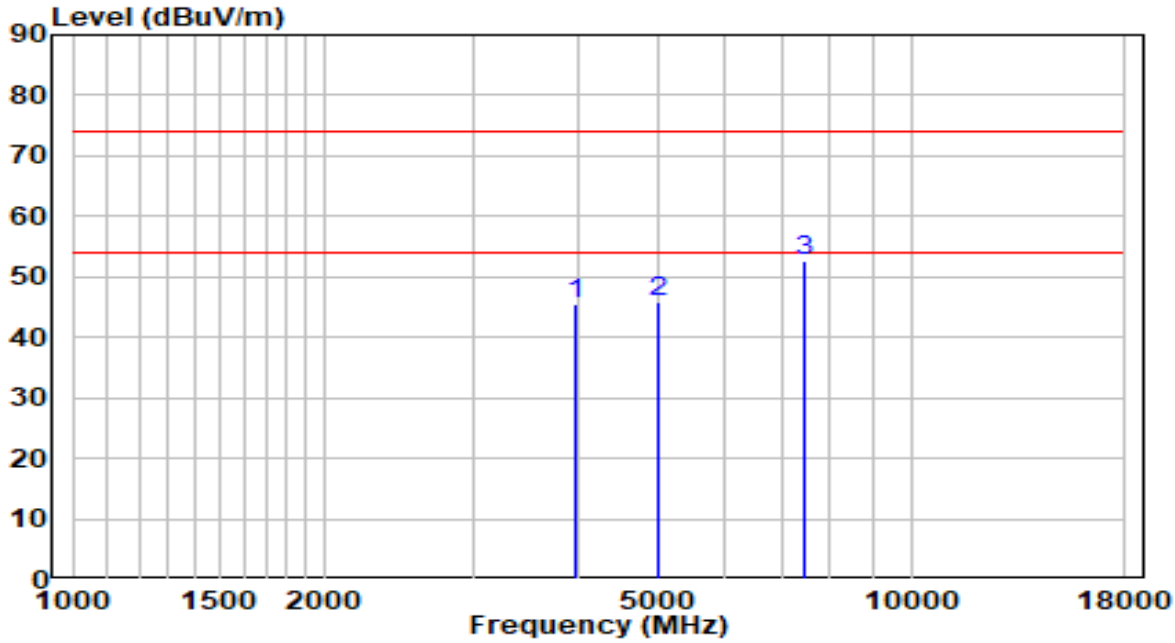


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3873.000	47.63	0.44	48.08	-25.92	74.00	Peak
2		4986.500	48.00	3.72	51.72	-22.28	74.00	Peak
3		7320.000	37.67	11.21	48.88	-25.12	74.00	Average
4	*	7324.000	42.56	11.22	53.78	-20.22	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480Mhz	Test Voltage	120V/60Hz

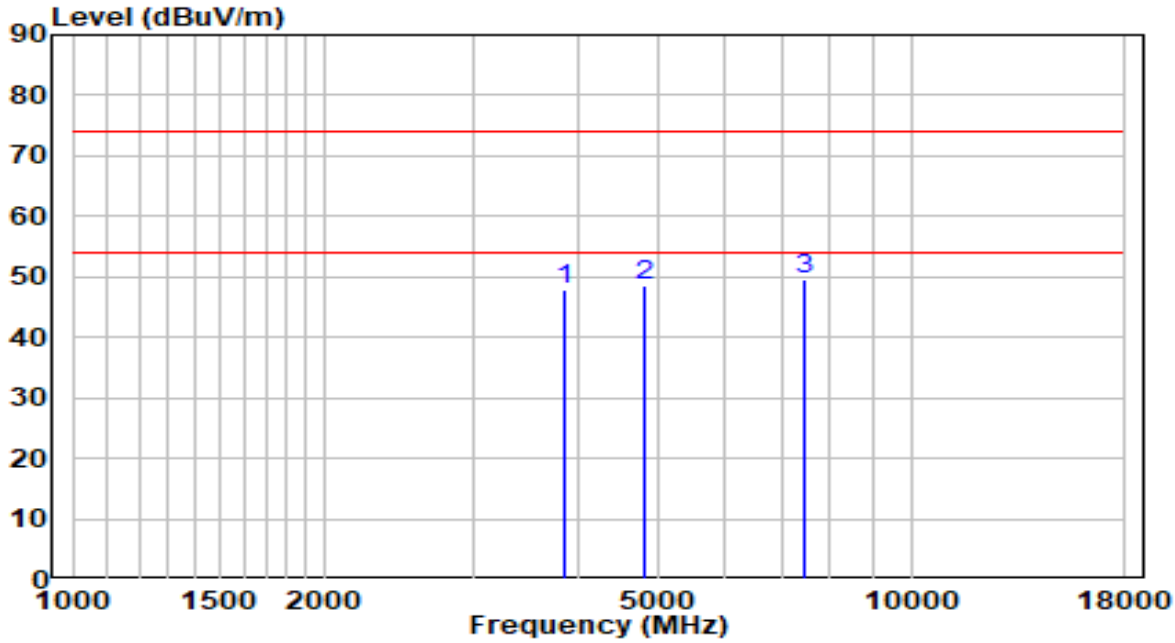


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3983.500	44.70	0.82	45.52	-28.48	74.00	Peak
2		4995.000	42.02	3.74	45.75	-28.25	74.00	Peak
3	*	7443.000	41.17	11.55	52.72	-21.28	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480Mhz	Test Voltage	120V/60Hz

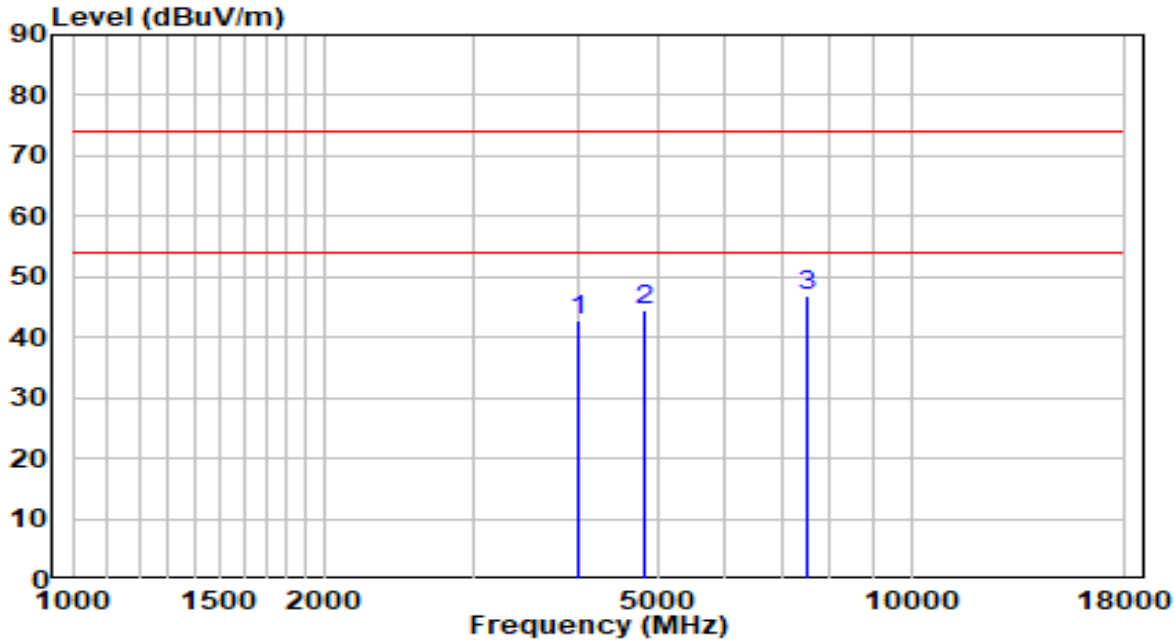


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3847.500	47.54	0.36	47.89	-26.11	74.00	Peak
2		4791.000	45.36	3.25	48.61	-25.39	74.00	Peak
3	*	7443.000	37.96	11.55	49.51	-24.49	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2402Mhz	Test Voltage	120V/60Hz

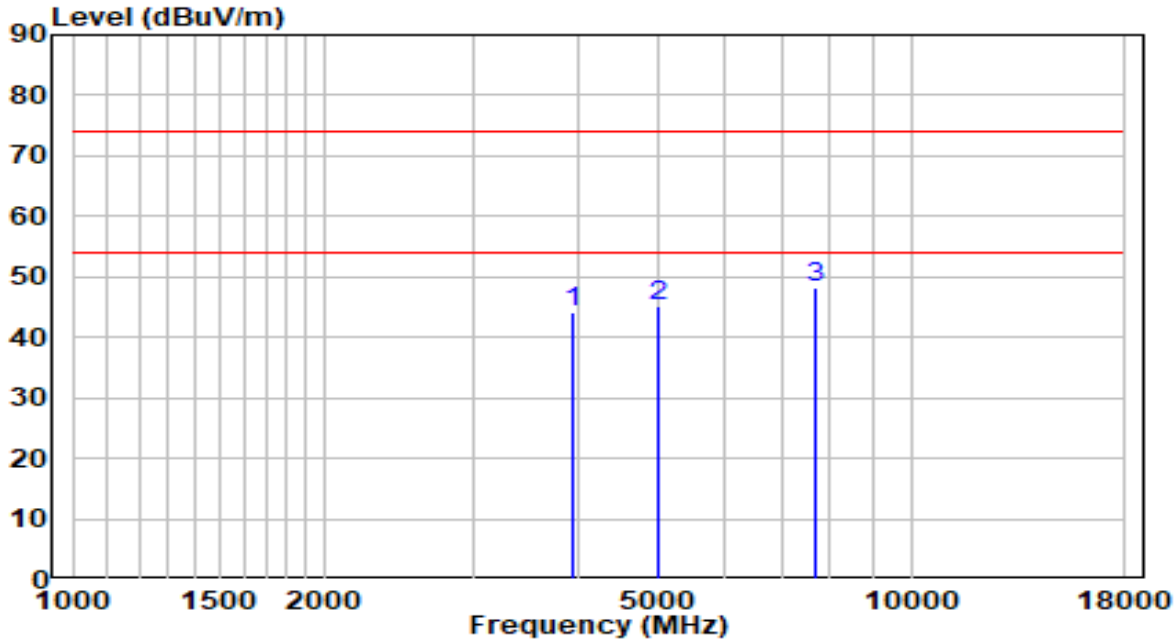


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4009.000	41.98	0.91	42.89	-31.11	74.00	Peak
2		4808.000	41.09	3.29	44.38	-29.62	74.00	Peak
3	*	7494.000	35.23	11.70	46.92	-27.08	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2402Mhz	Test Voltage	120V/60Hz

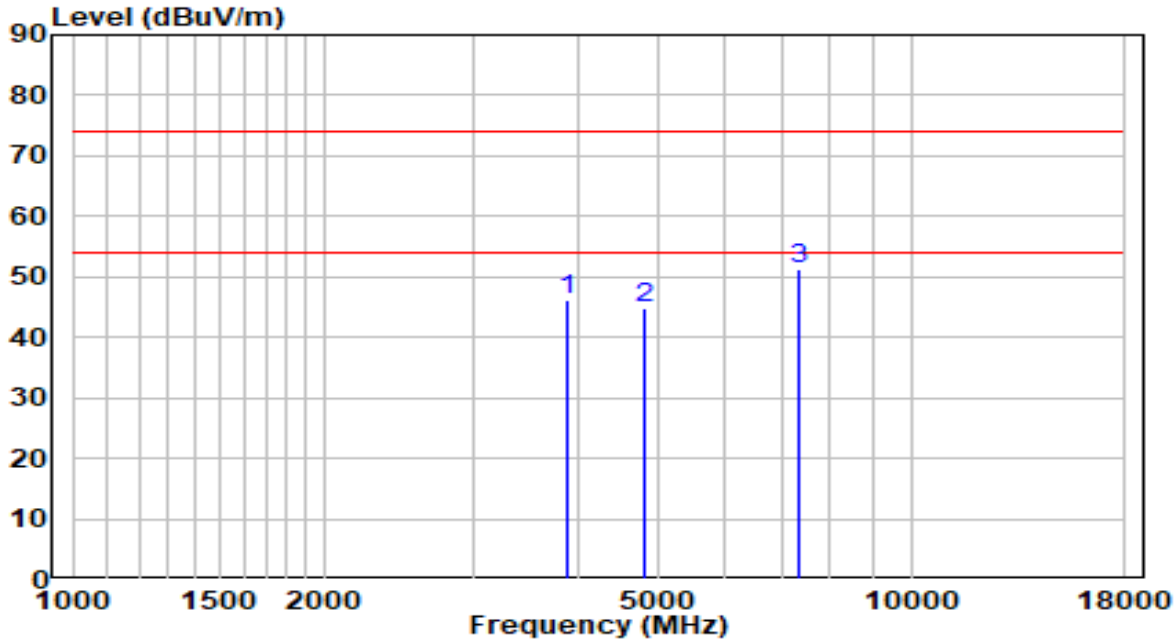


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3958.000	43.25	0.74	43.99	-30.01	74.00	Peak
2		4986.500	41.42	3.72	45.13	-28.87	74.00	Peak
3	*	7689.500	36.13	12.02	48.15	-25.85	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2440Mhz	Test Voltage	120V/60Hz

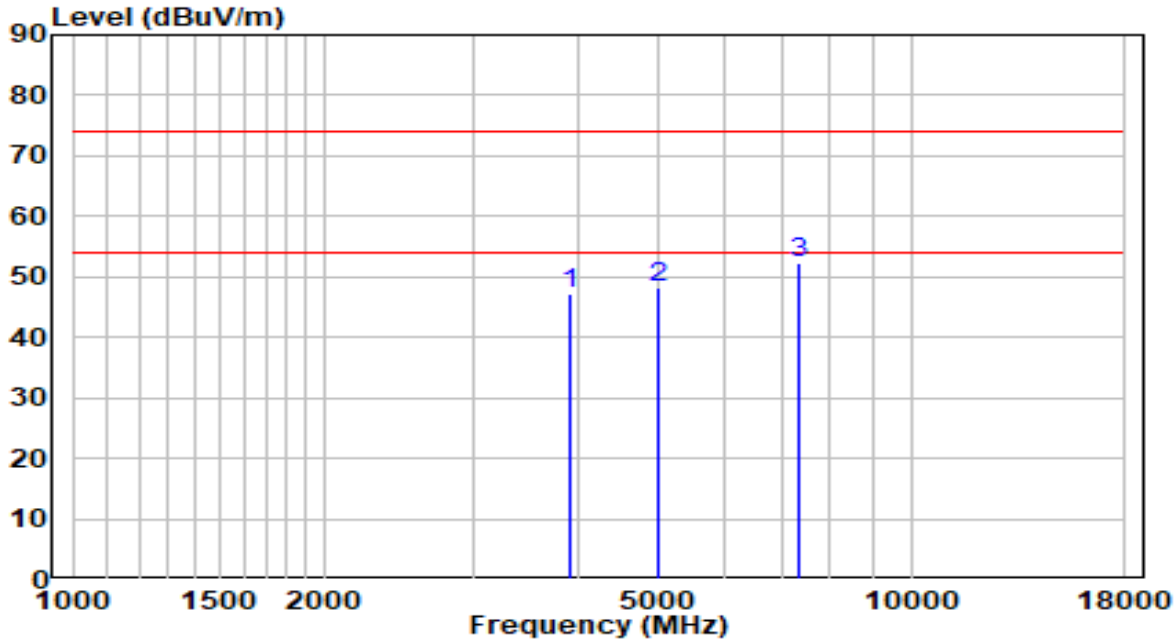


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3890.000	45.76	0.50	46.26	-27.74	74.00	Peak
2		4799.500	41.69	3.27	44.96	-29.04	74.00	Peak
3	*	7324.000	40.19	11.22	51.41	-22.59	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2440Mhz	Test Voltage	120V/60Hz

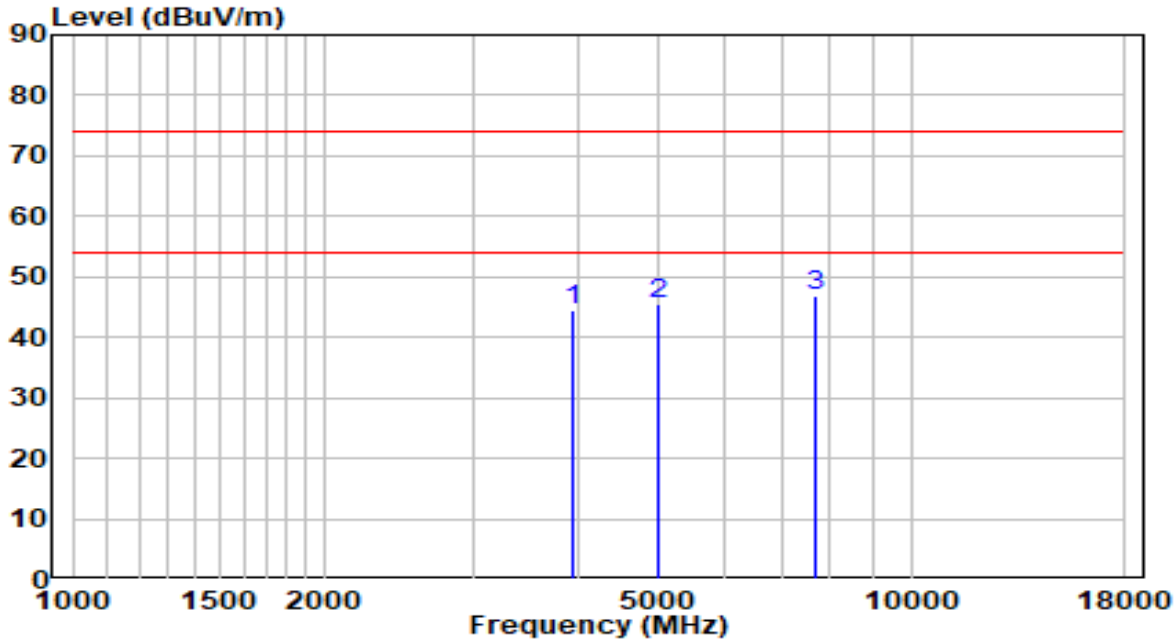


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3932.500	46.59	0.65	47.23	-26.77	74.00	Peak
2		4995.000	44.56	3.74	48.30	-25.70	74.00	Peak
3	*	7324.000	40.98	11.22	52.19	-21.81	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2480Mhz	Test Voltage	120V/60Hz

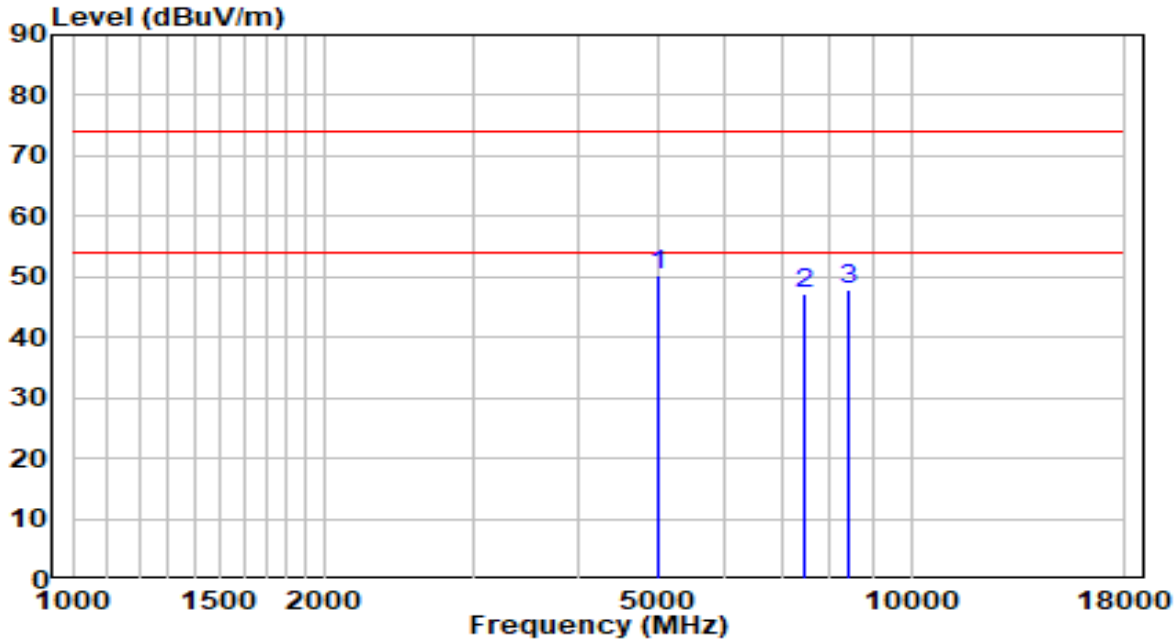


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3941.000	43.90	0.68	44.58	-29.42	74.00	Peak
2		4986.500	41.63	3.72	45.35	-28.65	74.00	Peak
3	*	7672.500	34.92	12.00	46.91	-27.09	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2480Mhz	Test Voltage	120V/60Hz



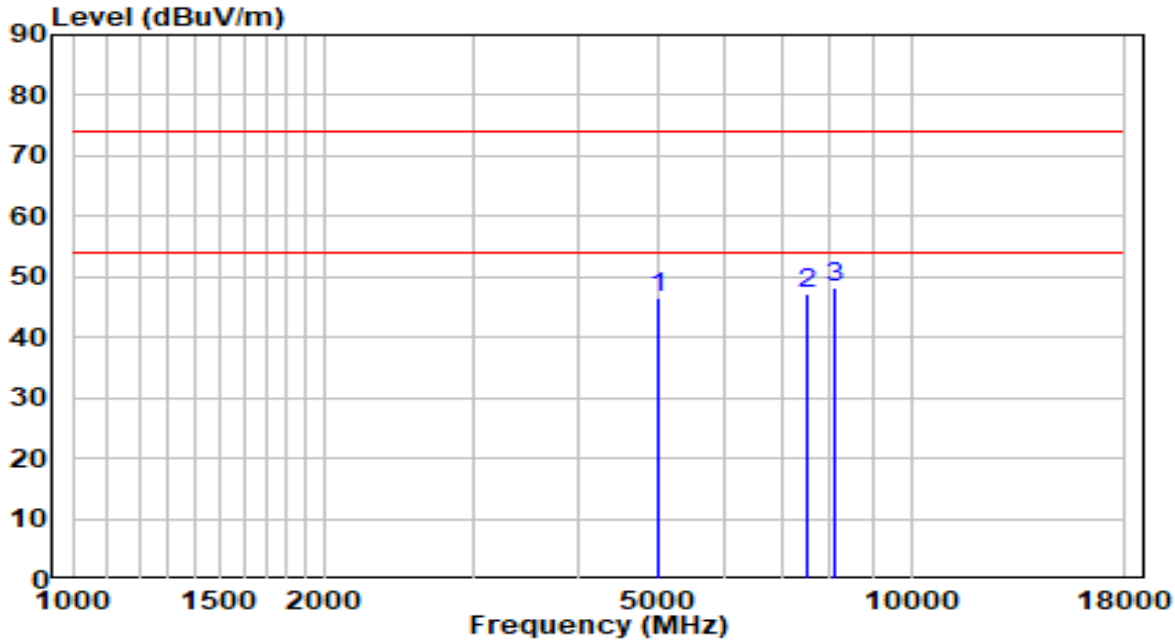
No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	4986.500	46.41	3.72	50.13	-23.87	74.00	Peak
2		7460.000	35.73	11.60	47.34	-26.66	74.00	Peak
3		8395.000	35.47	12.47	47.94	-26.06	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

Bluetooth Chip 1 External Antenna

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402Mhz	Test Voltage	120V/60Hz

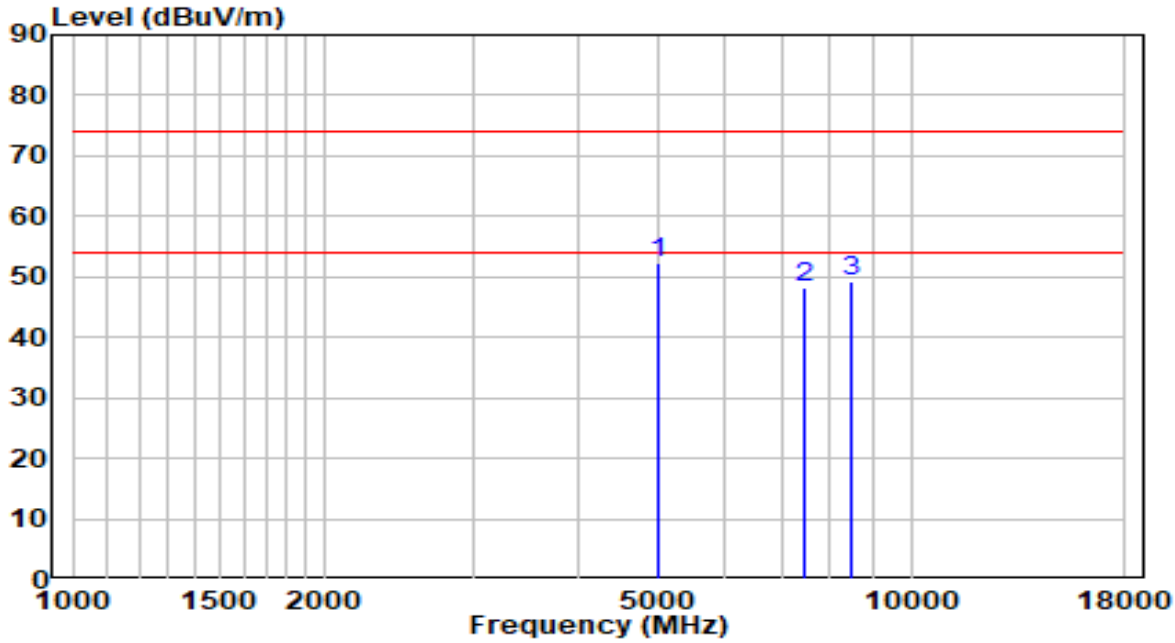


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4986.500	42.97	3.72	46.69	-27.31	74.00	Peak
2		7519.500	35.50	11.75	47.25	-26.75	74.00	Peak
3	*	8106.000	35.80	12.51	48.31	-25.69	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402Mhz	Test Voltage	120V/60Hz

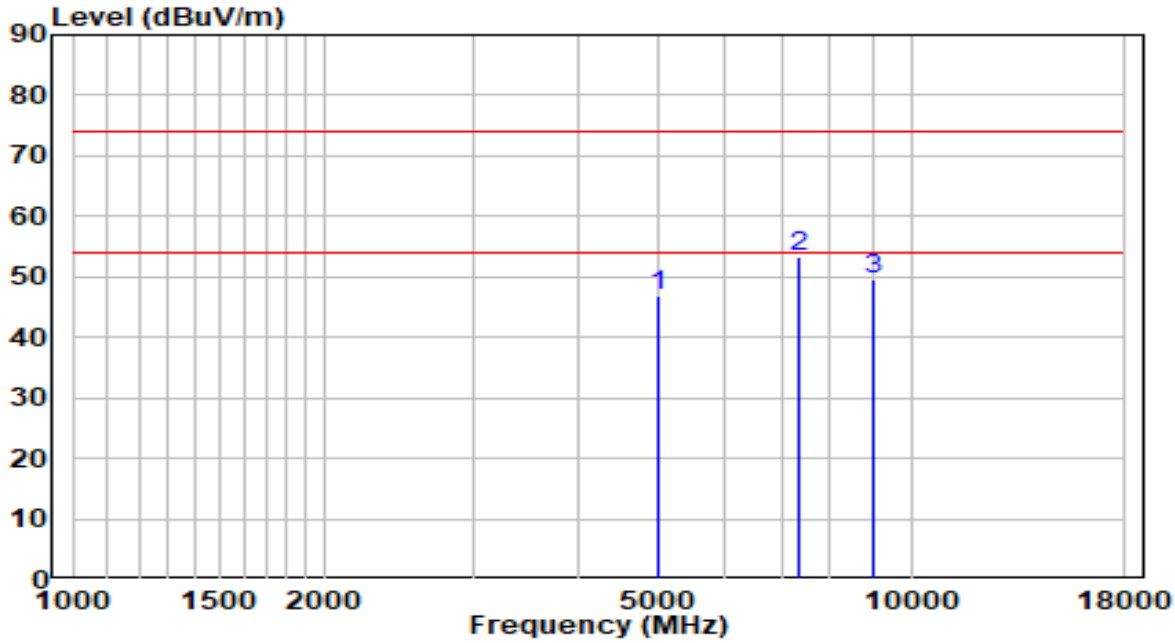


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	4986.500	48.54	3.72	52.26	-21.74	74.00	Peak
2		7451.500	36.61	11.58	48.19	-25.81	74.00	Peak
3		8454.500	36.85	12.46	49.31	-24.69	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440Mhz	Test Voltage	120V/60Hz

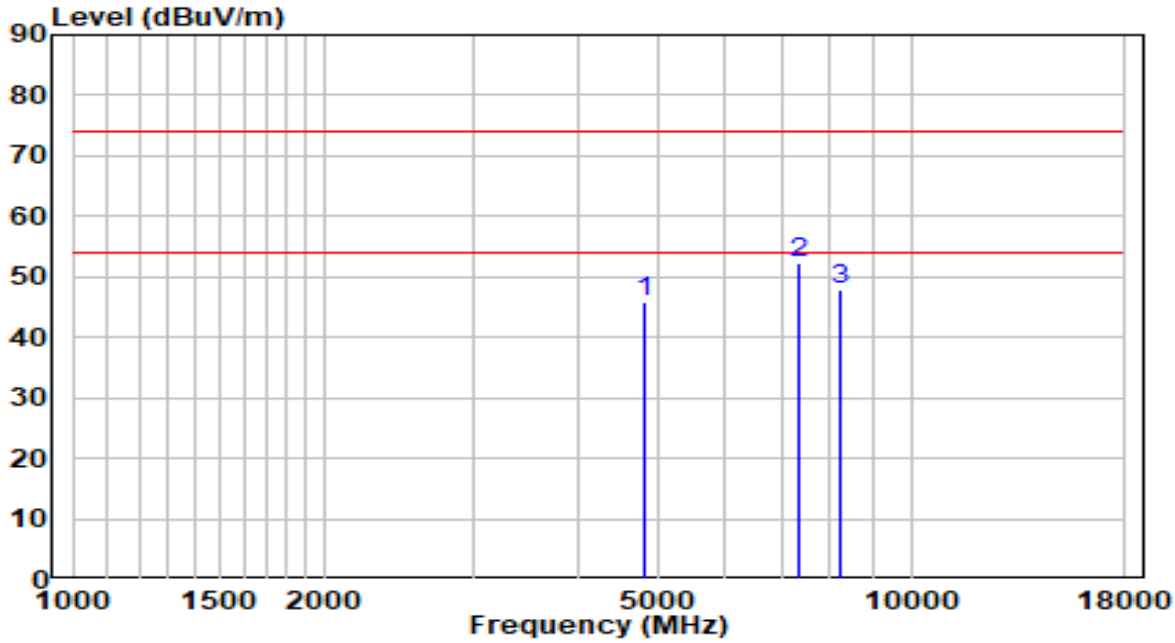


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4995.000	43.10	3.74	46.83	-27.17	74.00	Peak
2	*	7324.000	41.97	11.22	53.19	-20.81	74.00	Peak
3		9024.000	35.79	13.72	49.51	-24.49	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440Mhz	Test Voltage	120V/60Hz

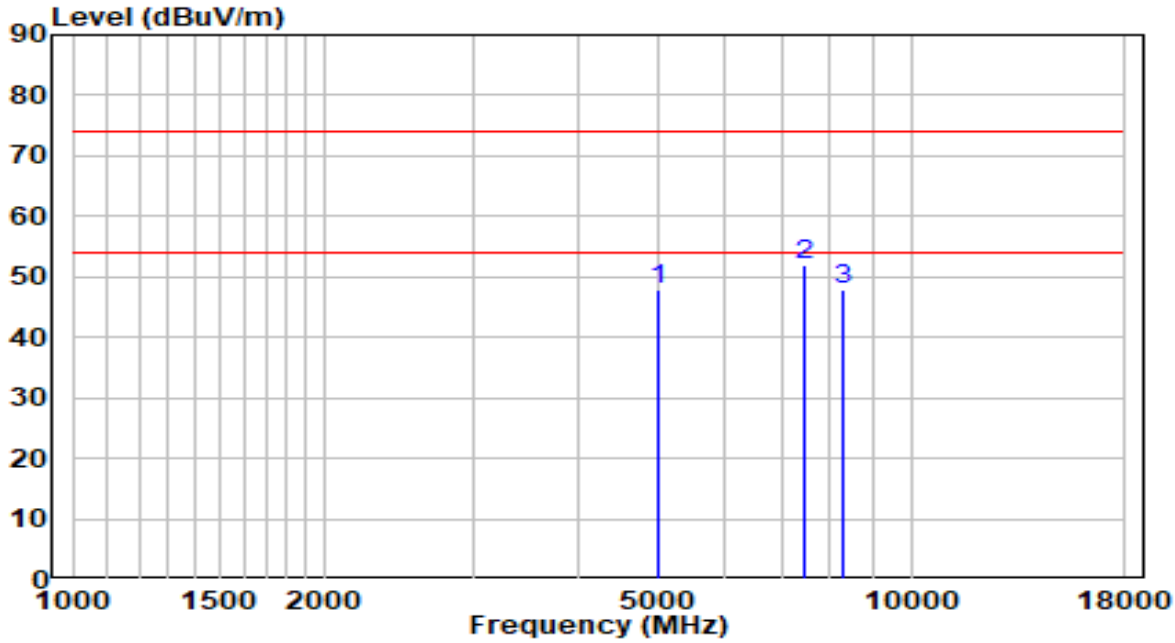


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4791.000	42.69	3.25	45.94	-28.06	74.00	Peak
2	*	7324.000	41.04	11.22	52.25	-21.75	74.00	Peak
3		8216.500	35.56	12.50	48.06	-25.94	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480Mhz	Test Voltage	120V/60Hz

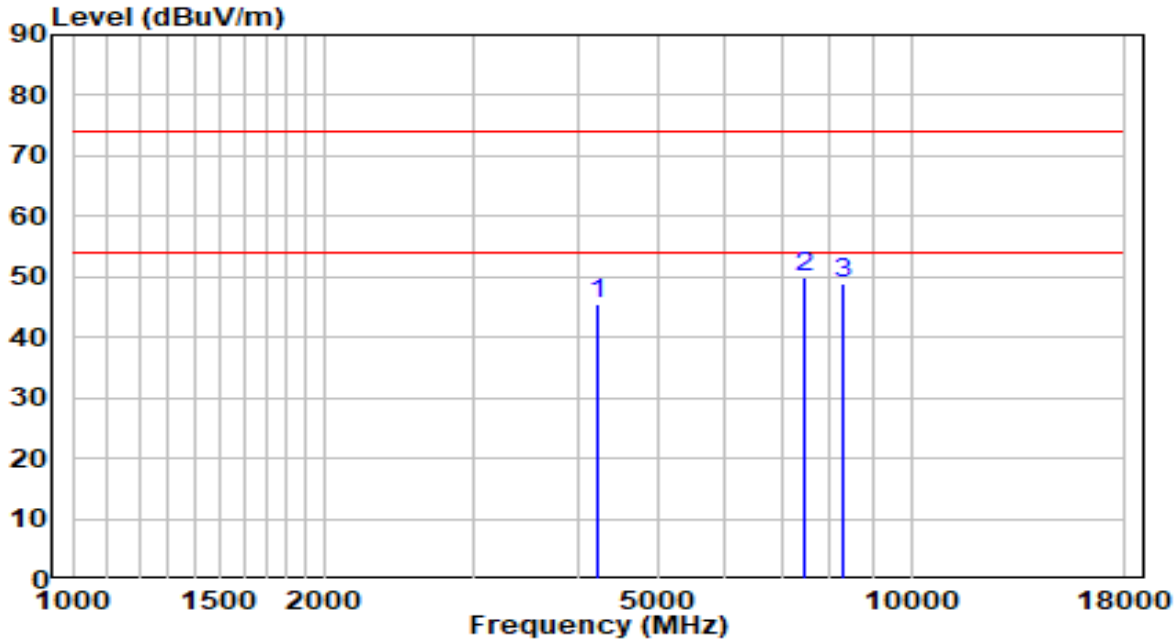


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4986.500	44.03	3.72	47.75	-26.25	74.00	Peak
2	*	7443.000	40.34	11.55	51.89	-22.11	74.00	Peak
3		8310.000	35.51	12.48	48.00	-26.00	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480Mhz	Test Voltage	120V/60Hz

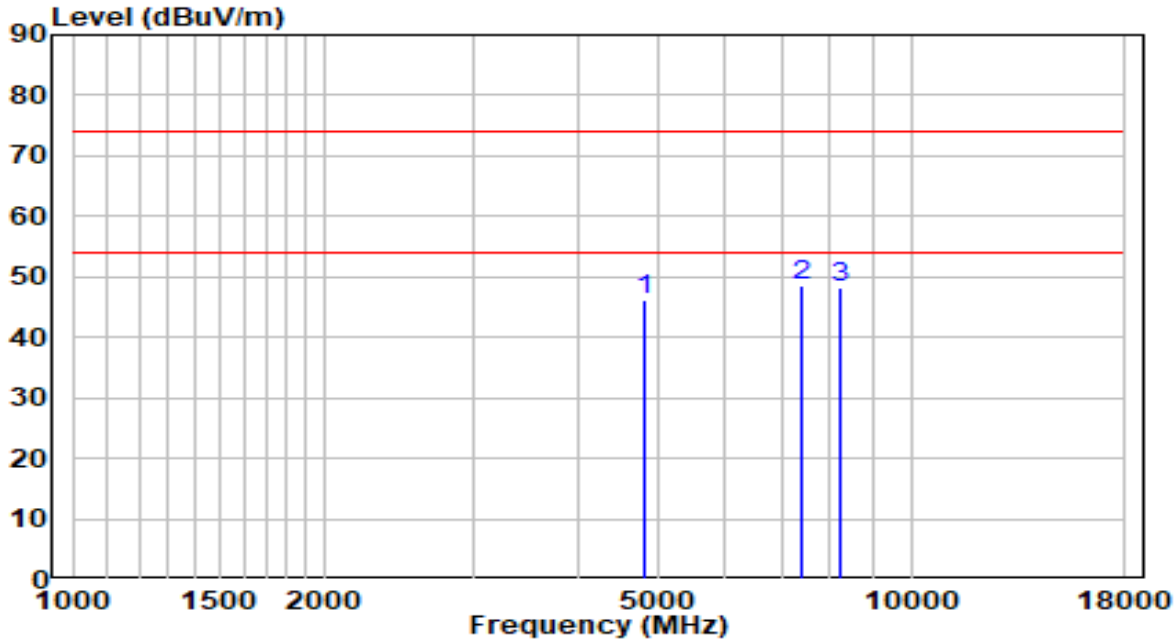


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4230.000	43.76	1.65	45.41	-28.59	74.00	Peak
2	*	7443.000	38.22	11.55	49.77	-24.23	74.00	Peak
3		8293.000	36.33	12.49	48.81	-25.19	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2402Mhz	Test Voltage	120V/60Hz

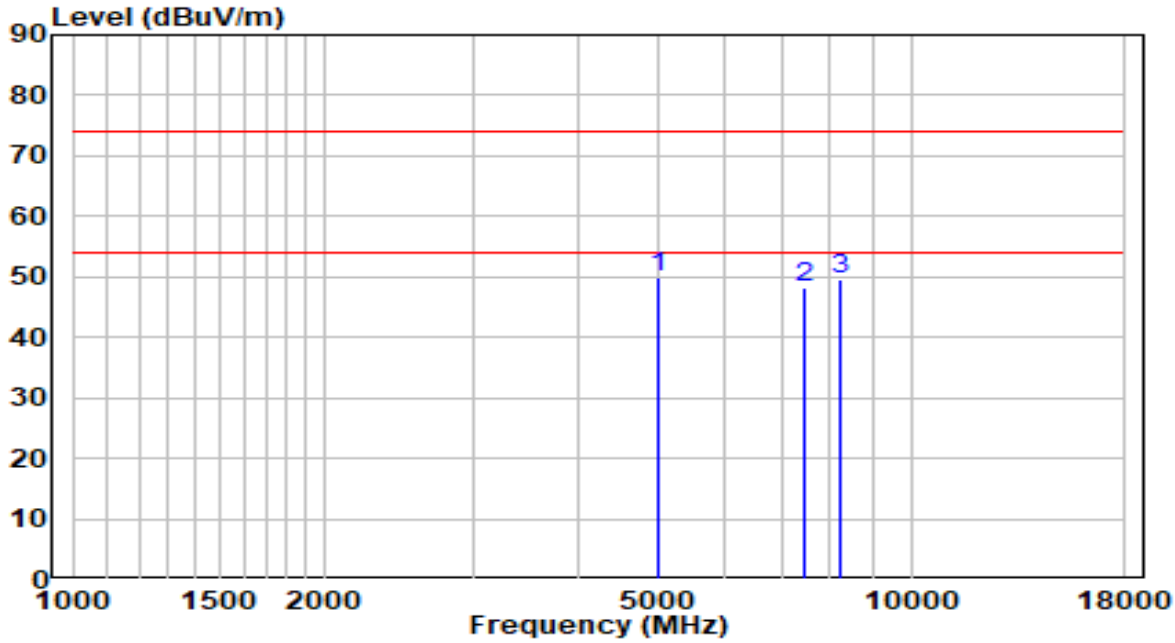


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4791.000	42.79	3.25	46.04	-27.96	74.00	Peak
2	*	7409.000	37.28	11.46	48.74	-25.26	74.00	Peak
3		8259.000	35.68	12.49	48.17	-25.83	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2402Mhz	Test Voltage	120V/60Hz

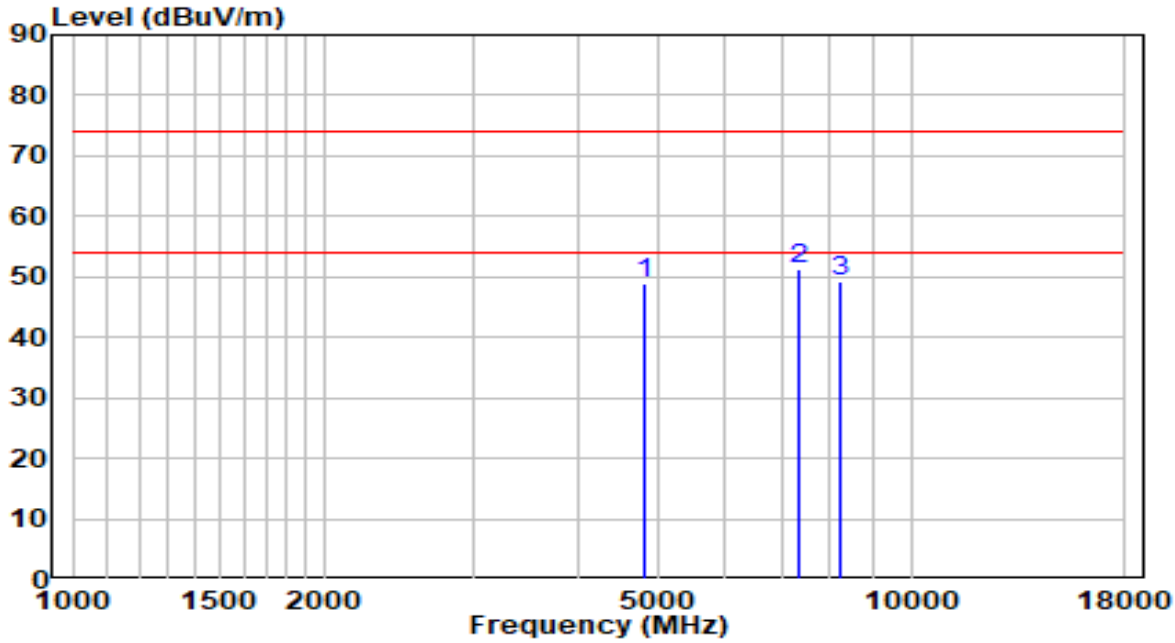


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	4995.000	46.19	3.74	49.93	-24.07	74.00	Peak
2		7477.000	36.55	11.65	48.20	-25.80	74.00	Peak
3		8225.000	37.23	12.50	49.73	-24.27	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2440Mhz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4799.500	45.62	3.27	48.89	-25.11	74.00	Peak
2	*	7324.000	40.01	11.22	51.23	-22.77	74.00	Peak
3		8225.000	36.87	12.50	49.37	-24.63	74.00	Peak

Note:

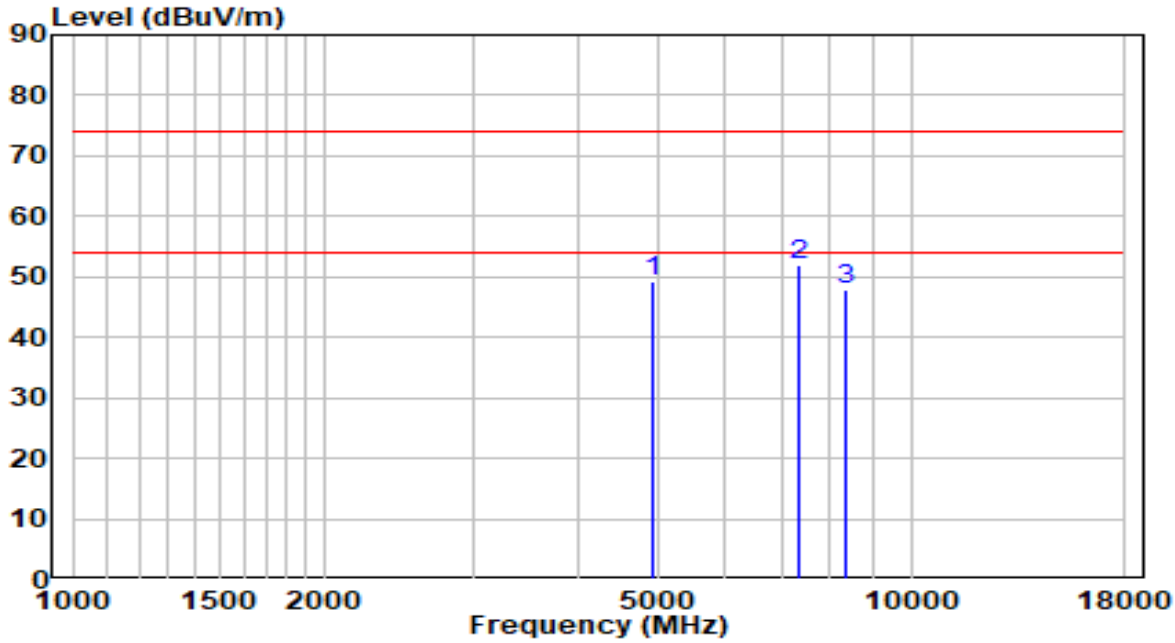
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2440Mhz	Test Voltage	120V/60Hz

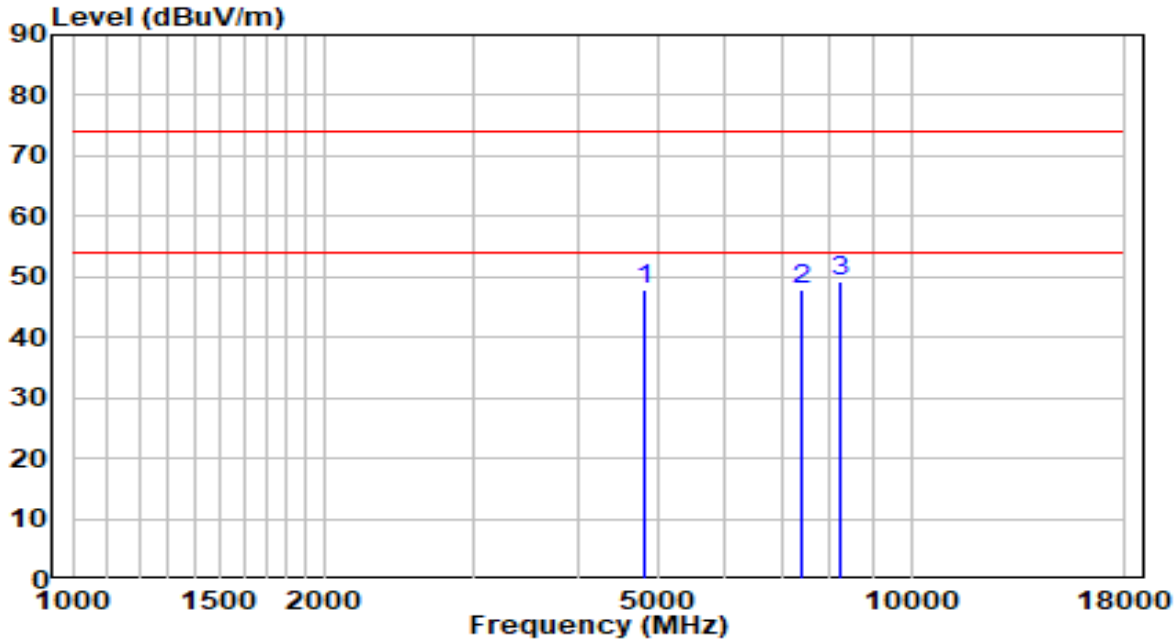


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4927.000	45.73	3.57	49.30	-24.70	74.00	Peak
2	*	7324.000	40.67	11.22	51.89	-22.11	74.00	Peak
3		8344.000	35.44	12.48	47.92	-26.08	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2480Mhz	Test Voltage	120V/60Hz

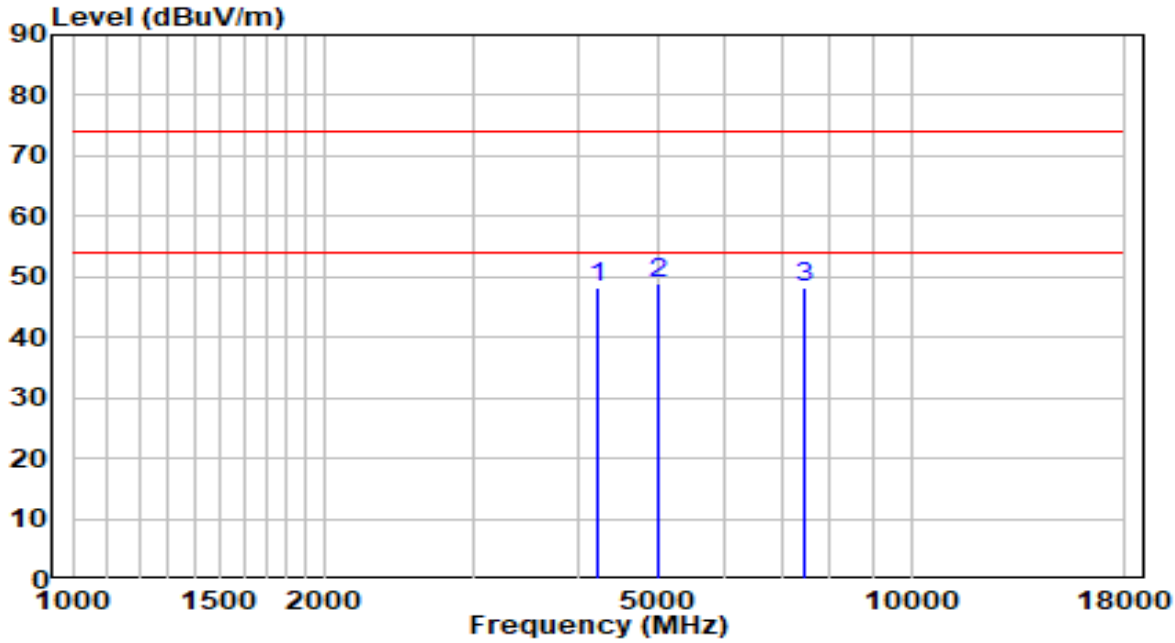


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4799.500	44.75	3.27	48.02	-25.98	74.00	Peak
2		7409.000	36.40	11.46	47.86	-26.14	74.00	Peak
3	*	8216.500	36.75	12.50	49.24	-24.76	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-02-25
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/35.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2480Mhz	Test Voltage	120V/60Hz



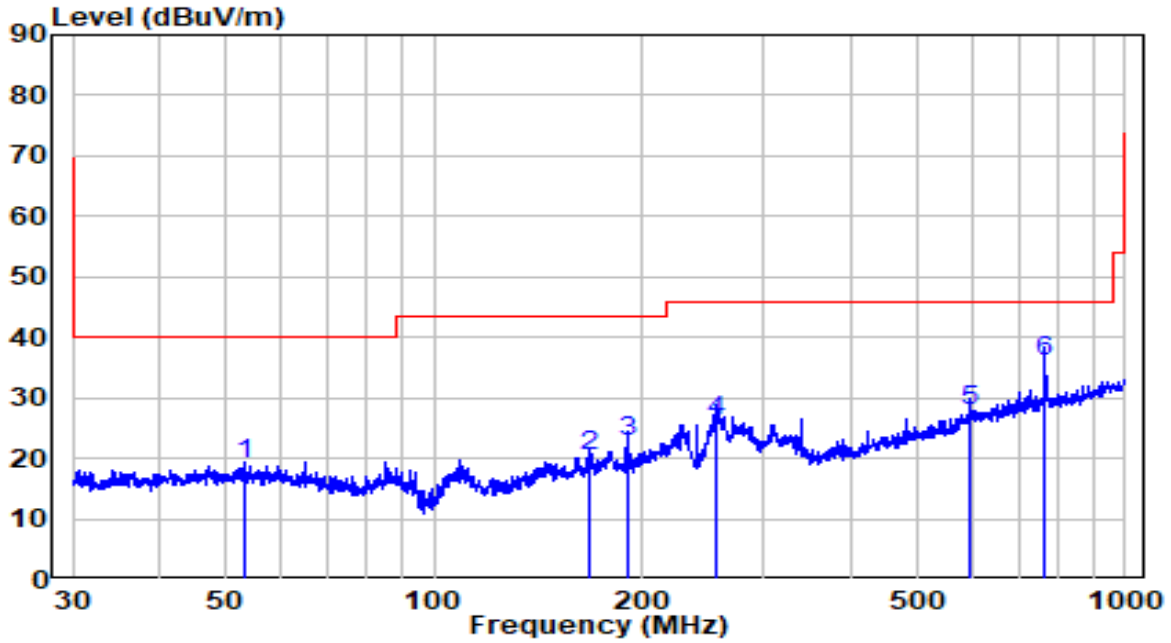
No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4238.500	46.57	1.68	48.24	-25.76	74.00	Peak
2	*	4995.000	45.15	3.74	48.88	-25.12	74.00	Peak
3		7460.000	36.57	11.60	48.17	-25.83	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

The Worst Case of Radiated Emission below 1GHz:

EUT	Cassia Bluetooth Router	Date of Test	2021-03-02
Factor	VULB 9162	Temp. / Humidity	21.3°C /55%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE at channel 2402MHz (Bluetooth chip 0 external antenna)	Test Voltage	120V/60Hz

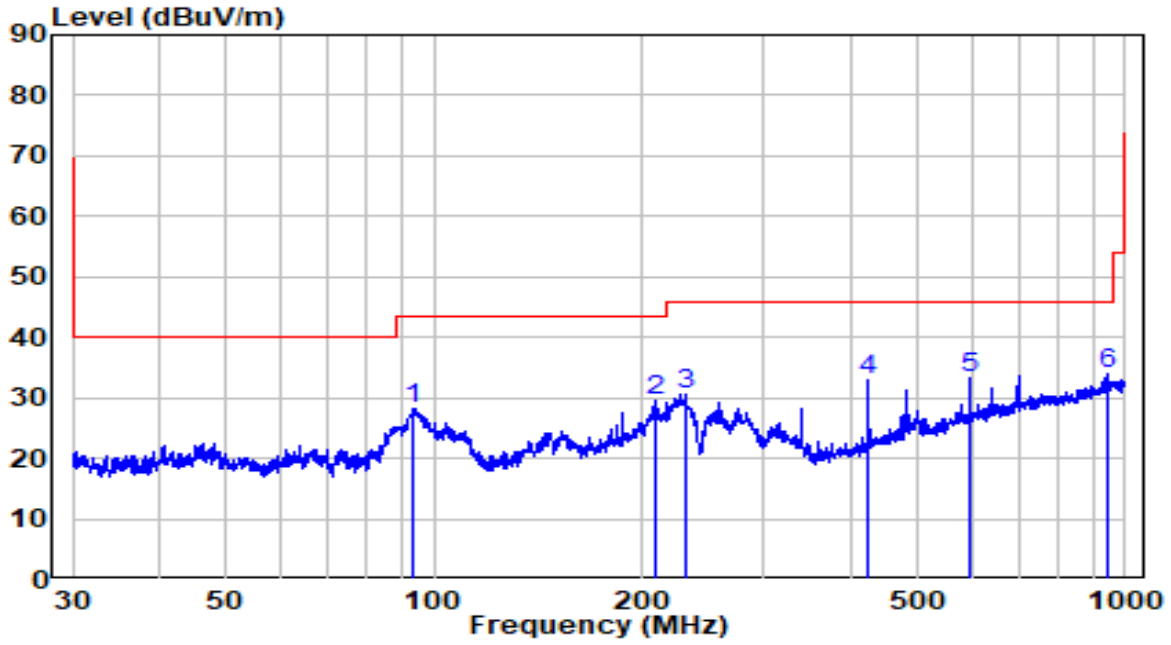


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		53.038	-2.57	21.49	18.92	-21.08	40.00	QP
2		168.119	3.87	16.59	20.46	-23.04	43.50	QP
3		190.072	3.83	18.92	22.75	-20.75	43.50	QP
4		255.175	5.50	20.56	26.06	-19.94	46.00	QP
5		595.133	0.14	27.70	27.84	-18.16	46.00	QP
6	*	766.057	5.77	30.24	36.01	-9.99	46.00	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. The amplitude of Radiated emissions (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-02
Factor	VULB 9162	Temp. / Humidity	21.3°C /55%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE at channel 2402MHz (Bluetooth chip 0 external antenna)	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		93.277	10.53	17.64	28.17	-15.33	43.50	QP
2		209.680	10.90	18.80	29.70	-13.80	43.50	QP
3		231.718	10.96	19.76	30.72	-15.28	46.00	QP
4		425.028	8.46	24.48	32.94	-13.06	46.00	QP
5		595.133	5.45	27.70	33.15	-12.85	46.00	QP
6	*	940.480	1.93	32.09	34.02	-11.98	46.00	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. The amplitude of Radiated emissions (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

7.7. Radiated Restricted Band Edge Measurement

7.7.1.Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1] 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 – 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])
13.36 - 13.41	--	--	--

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in below table.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.7.2.Test Procedure Used

ANSI C63.10-2013 Section 6.10.5.2

7.7.3.Test Setting

Peak Field Strength Measurements

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

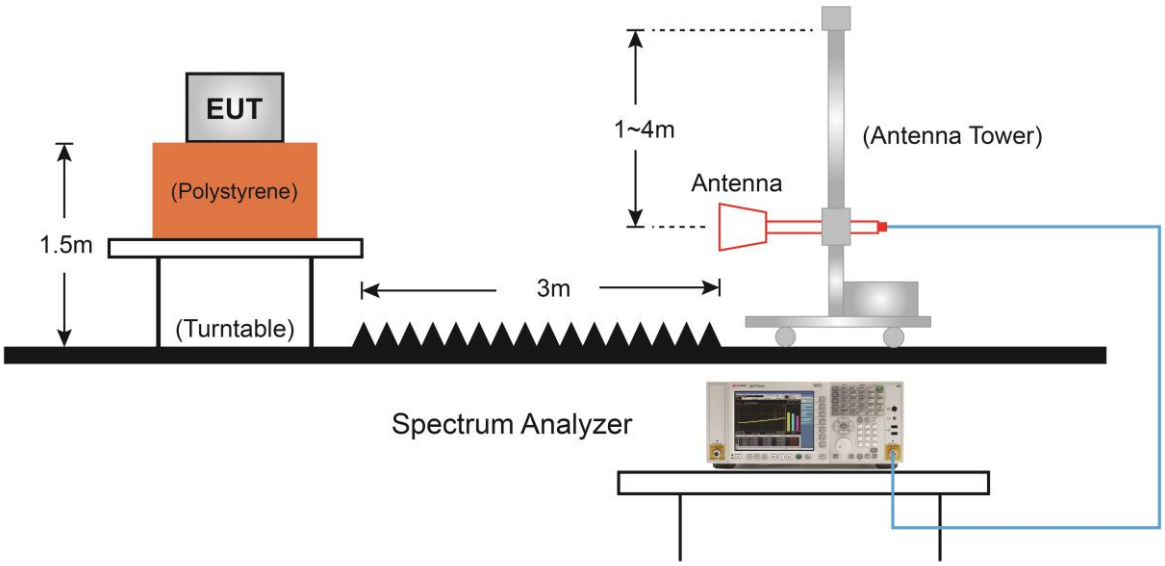
Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW ≥ 1/T
4. As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is

applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to “Voltage” regardless of the display mode

5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

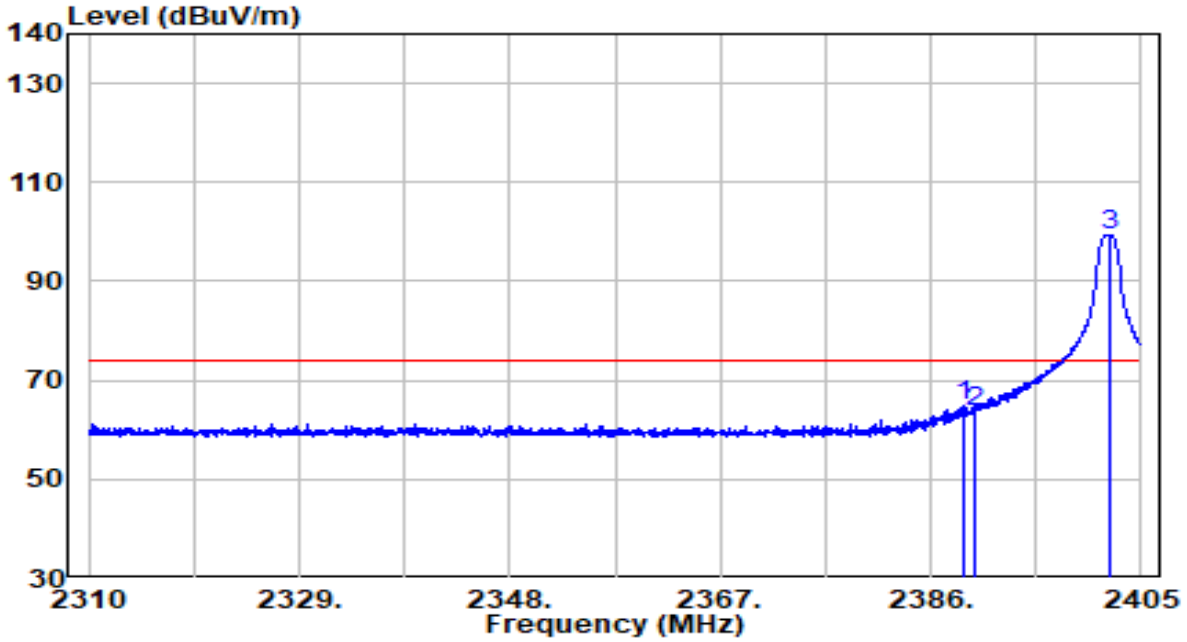
7.7.4.Test Setup



7.7.5.Test Result

Bluetooth Chip 0 Internal Antenna

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.087	32.44	32.29	64.73	-9.27	74.00	Peak
2		2390.000	31.52	32.30	63.81	-10.19	74.00	Peak
3	*	2402.292	66.94	32.35	99.29	N/A	N/A	Peak

Note:

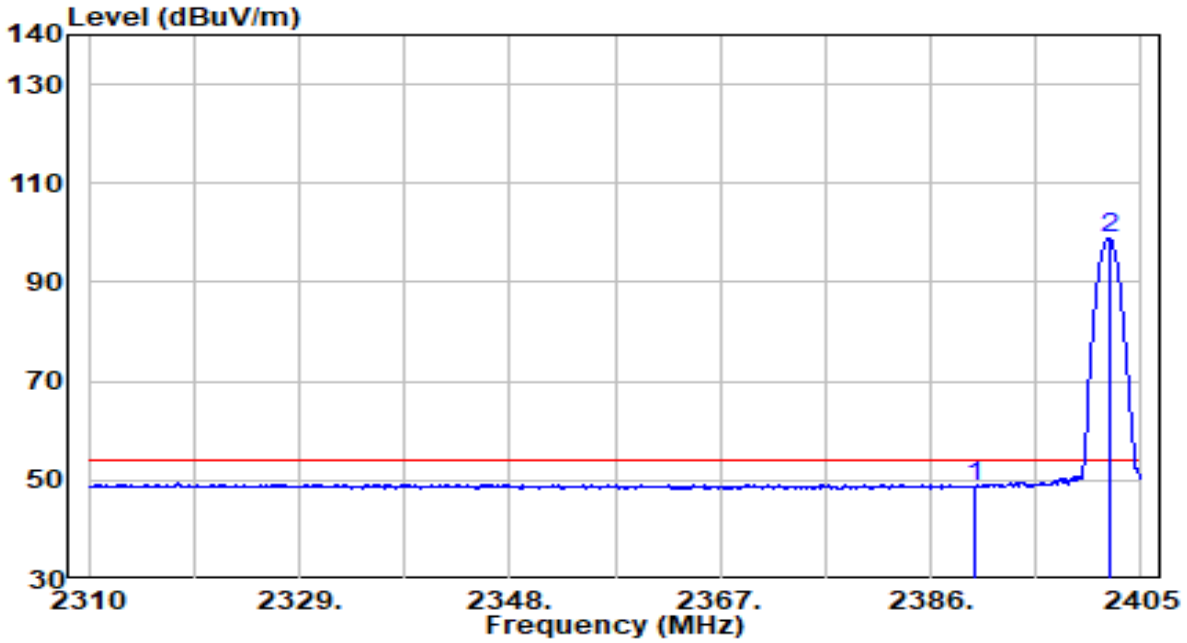
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402MHz	Test Voltage	120V/60Hz

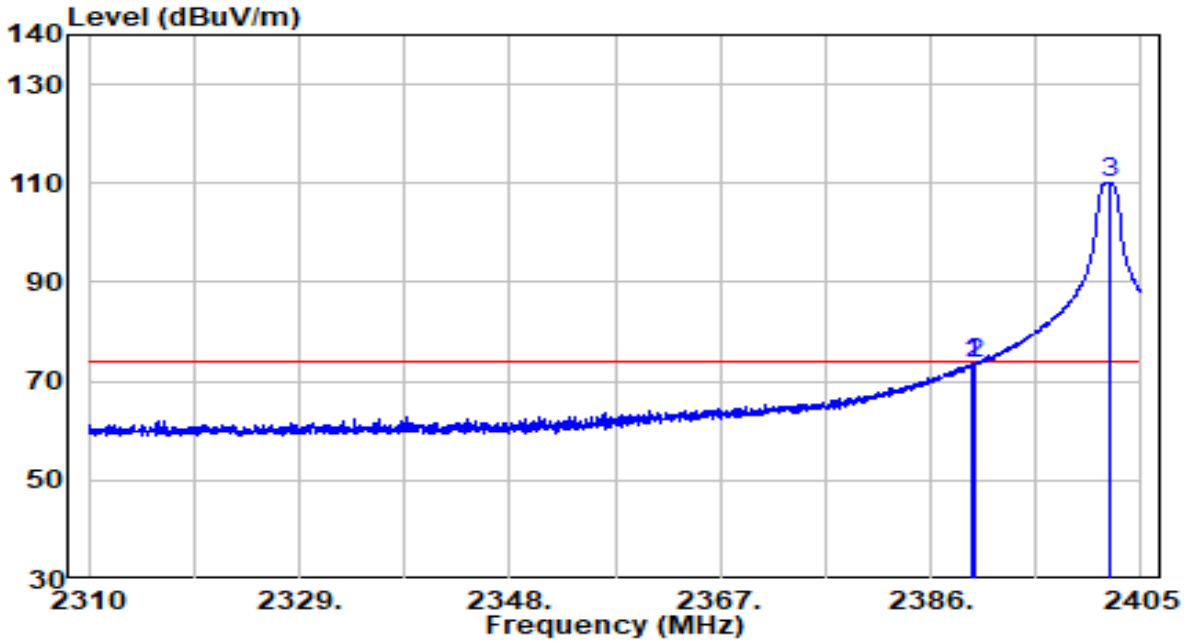


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	16.33	32.30	48.63	-5.37	54.00	Average
2	*	2402.103	66.52	32.35	98.87	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402MHz	Test Voltage	120V/60Hz

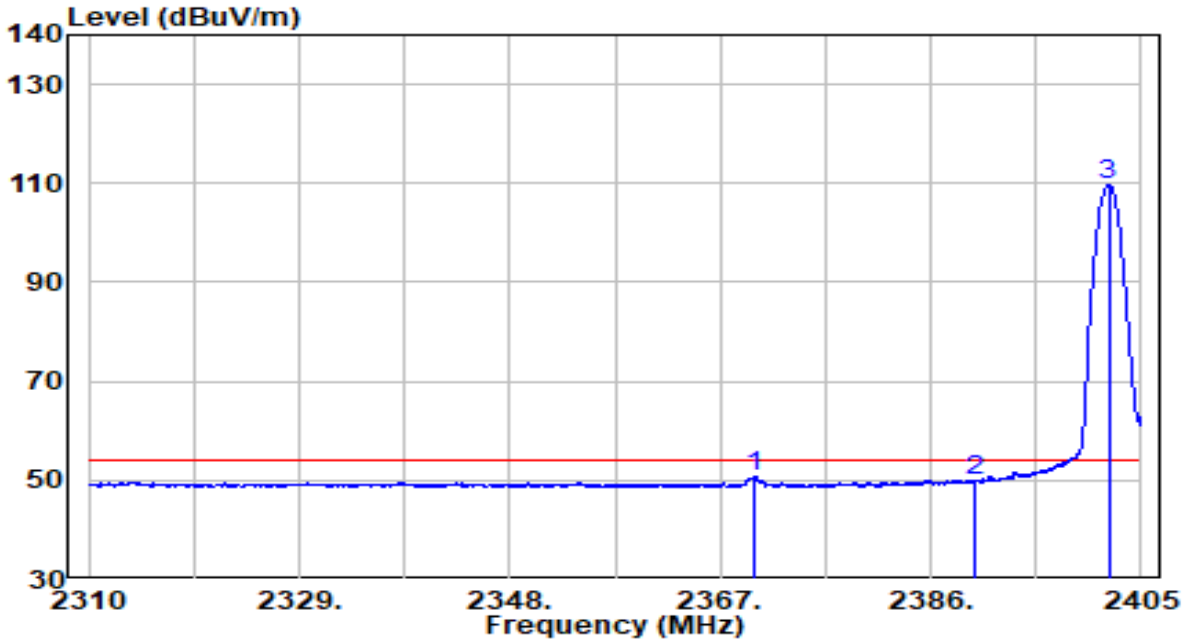


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.657	41.21	32.29	73.51	-0.49	74.00	Peak
2		2390.000	41.28	32.30	73.58	-0.42	74.00	Peak
3	*	2402.245	77.82	32.35	110.17	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402MHz	Test Voltage	120V/60Hz

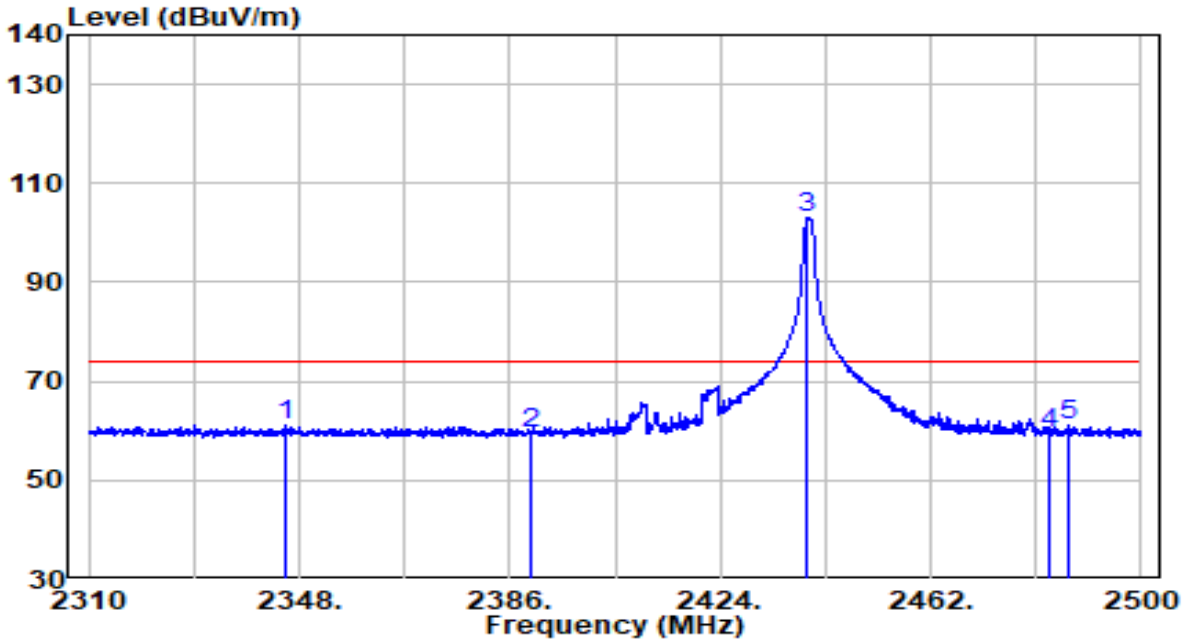


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2370.135	18.48	32.21	50.69	-3.31	54.00	Average
2		2390.000	17.54	32.30	49.84	-4.16	54.00	Average
3	*	2402.055	77.32	32.35	109.67	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440MHz	Test Voltage	120V/60Hz

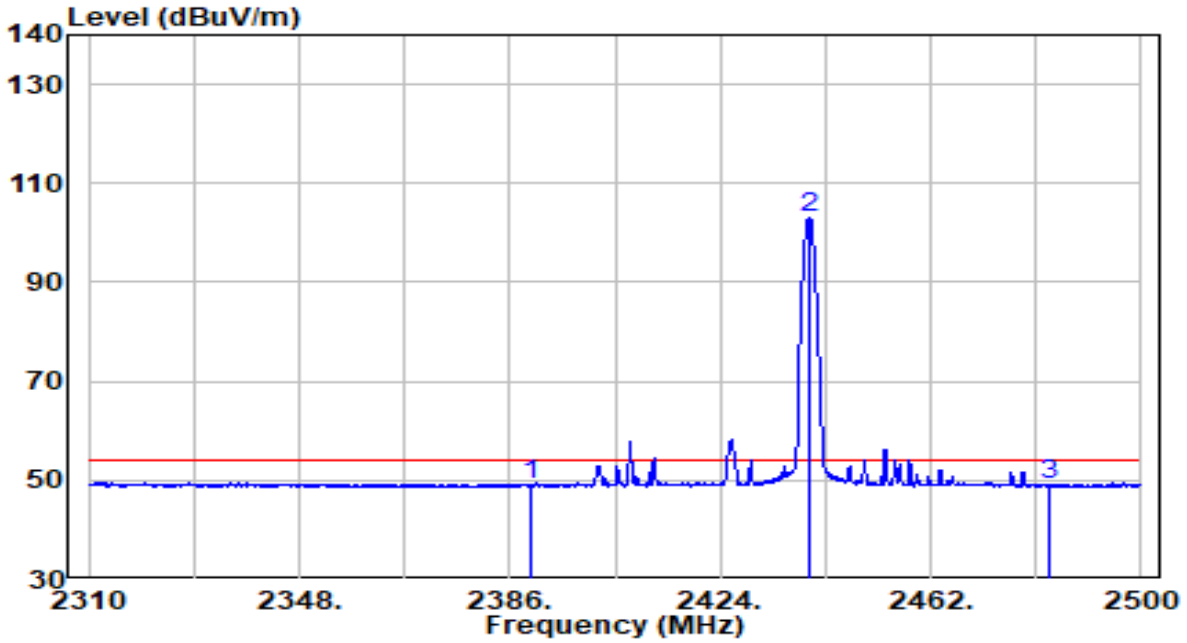


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2345.340	29.10	32.10	61.20	-12.80	74.00	Peak
2		2390.000	27.21	32.30	59.51	-14.49	74.00	Peak
3	*	2439.770	70.37	32.51	102.88	N/A	N/A	Peak
4		2483.500	26.85	32.71	59.56	-14.44	74.00	Peak
5		2487.080	28.52	32.72	61.24	-12.76	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440MHz	Test Voltage	120V/60Hz

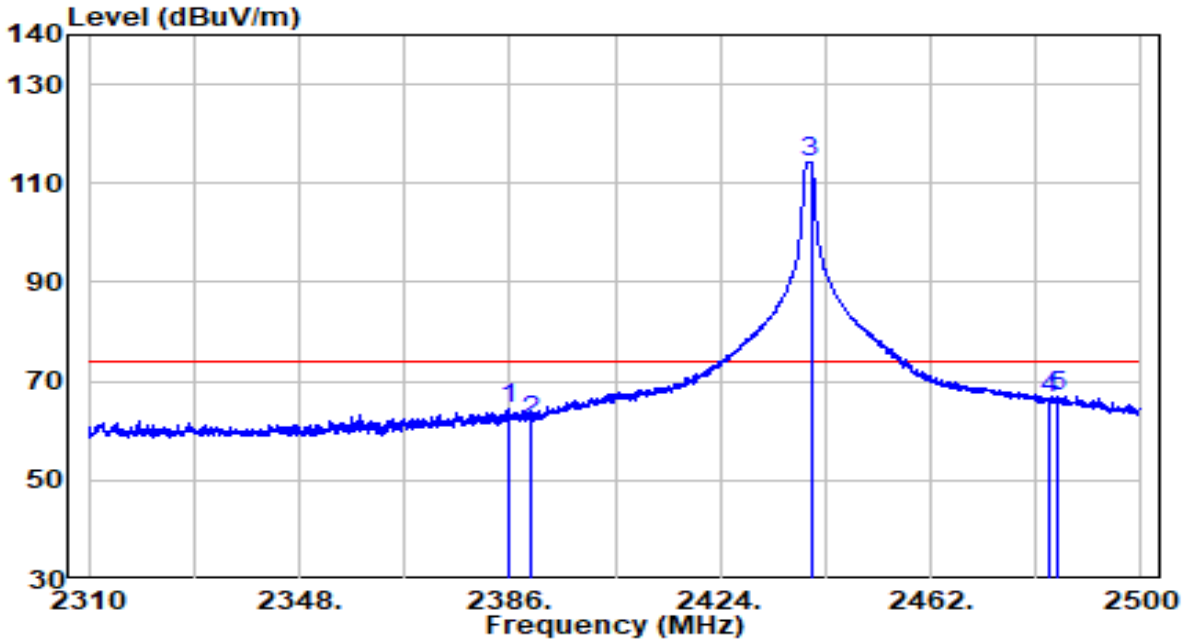


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	16.71	32.30	49.01	-4.99	54.00	Average
2	*	2440.055	70.58	32.52	103.09	N/A	N/A	Average
3		2483.500	16.51	32.71	49.22	-4.78	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440MHz	Test Voltage	120V/60Hz

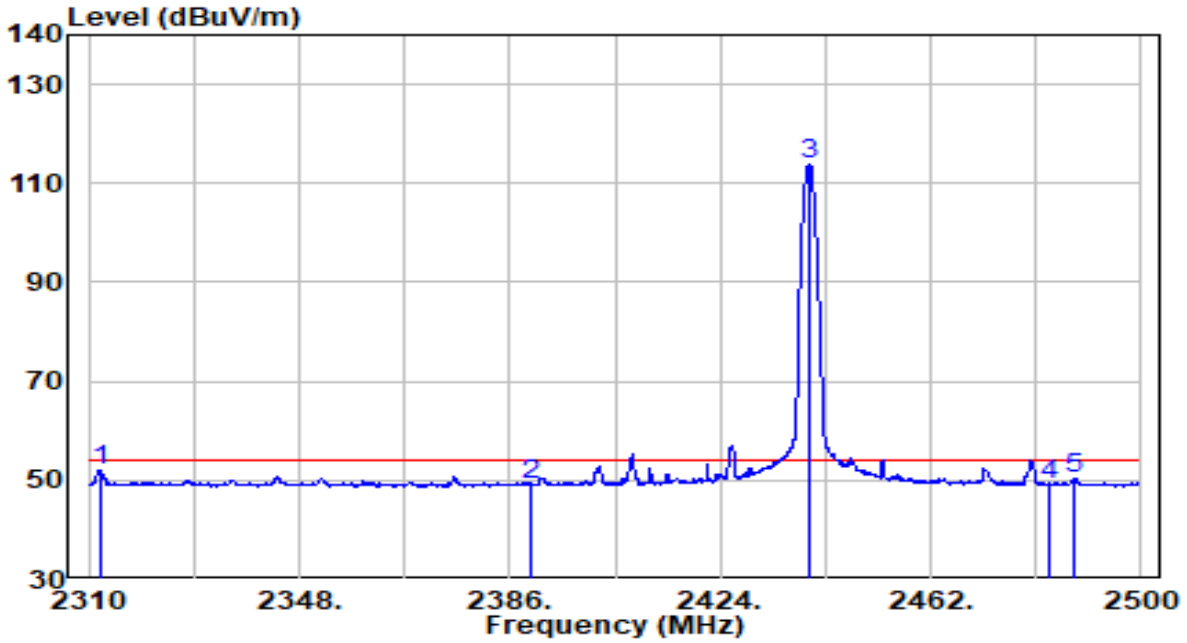


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2385.905	32.01	32.28	64.29	-9.71	74.00	Peak
2		2390.000	29.78	32.30	62.08	-11.92	74.00	Peak
3	*	2440.340	81.92	32.52	114.44	N/A	N/A	Peak
4		2483.500	33.79	32.71	66.50	-7.50	74.00	Peak
5		2484.800	34.36	32.71	67.07	-6.93	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440MHz	Test Voltage	120V/60Hz

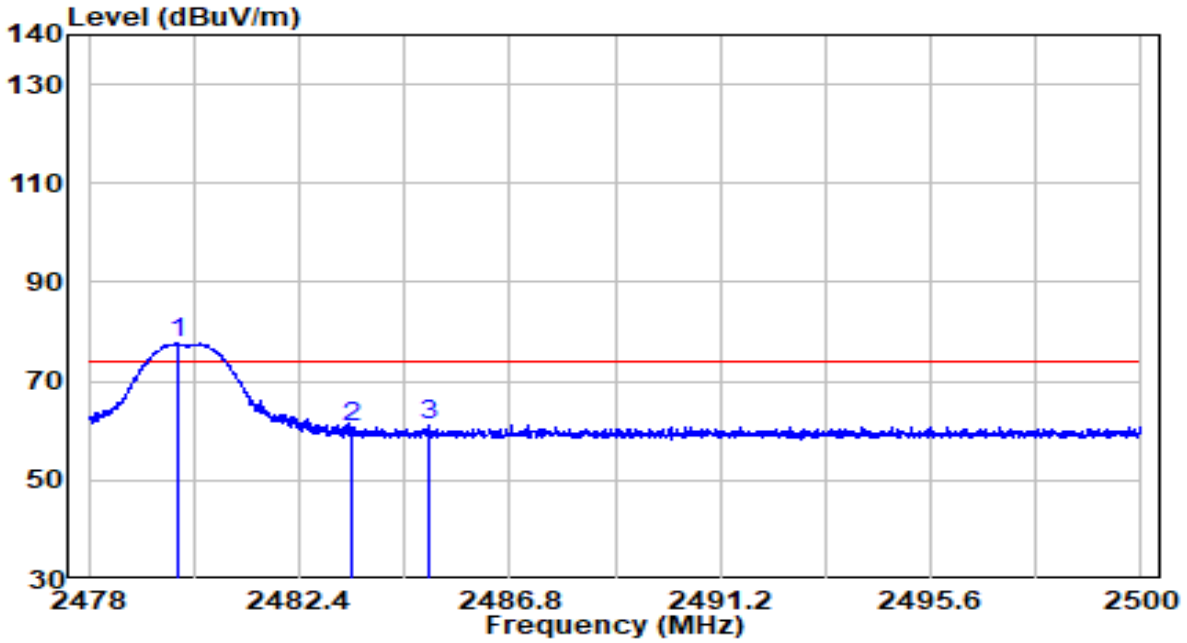


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2312.280	20.07	31.95	52.03	-1.97	54.00	Average
2		2390.000	16.84	32.30	49.13	-4.87	54.00	Average
3	*	2440.150	81.49	32.52	114.00	N/A	N/A	Average
4		2483.500	16.31	32.71	49.02	-4.98	54.00	Average
5		2487.745	17.63	32.73	50.36	-3.64	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480MHz	Test Voltage	120V/60Hz

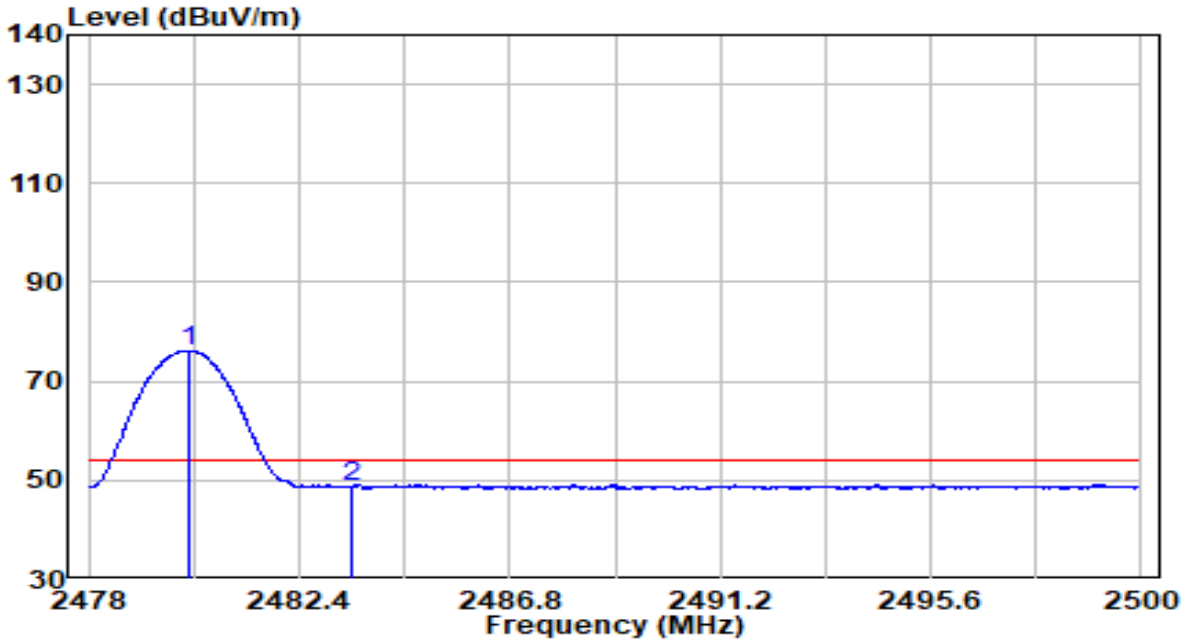


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2479.848	45.01	32.69	77.70	N/A	N/A	Peak
2		2483.500	27.87	32.71	60.57	-13.43	74.00	Peak
3		2485.084	28.58	32.71	61.30	-12.70	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480MHz	Test Voltage	120V/60Hz

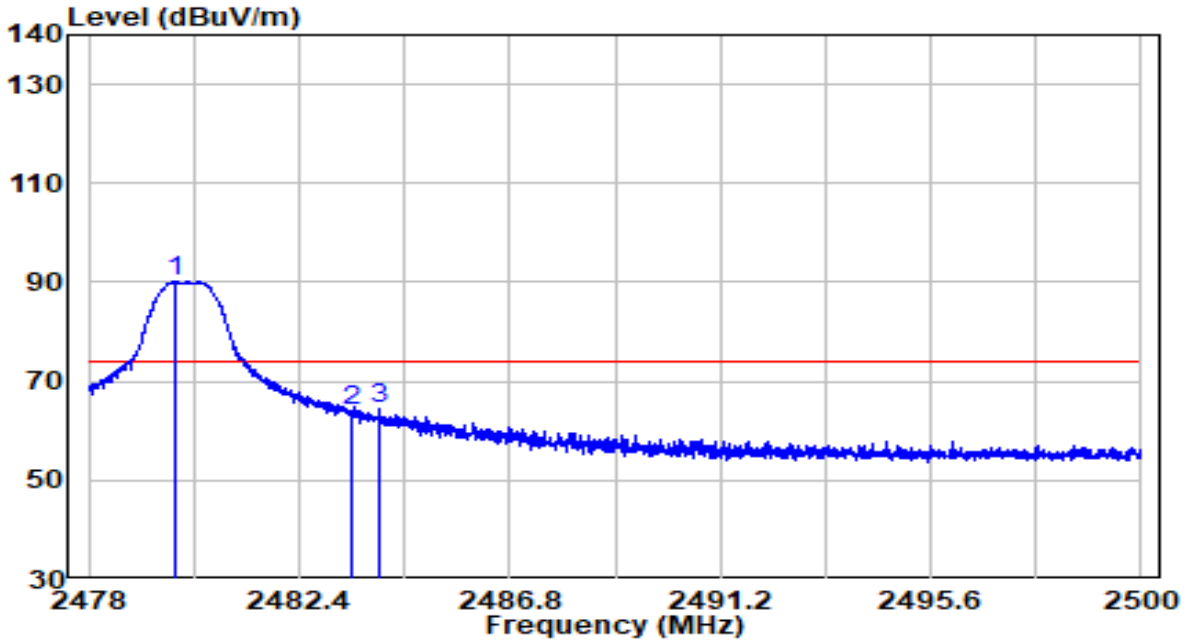


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.090	43.57	32.69	76.26	N/A	N/A	Average
2		2483.500	15.89	32.71	48.60	-5.40	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480MHz	Test Voltage	120V/60Hz

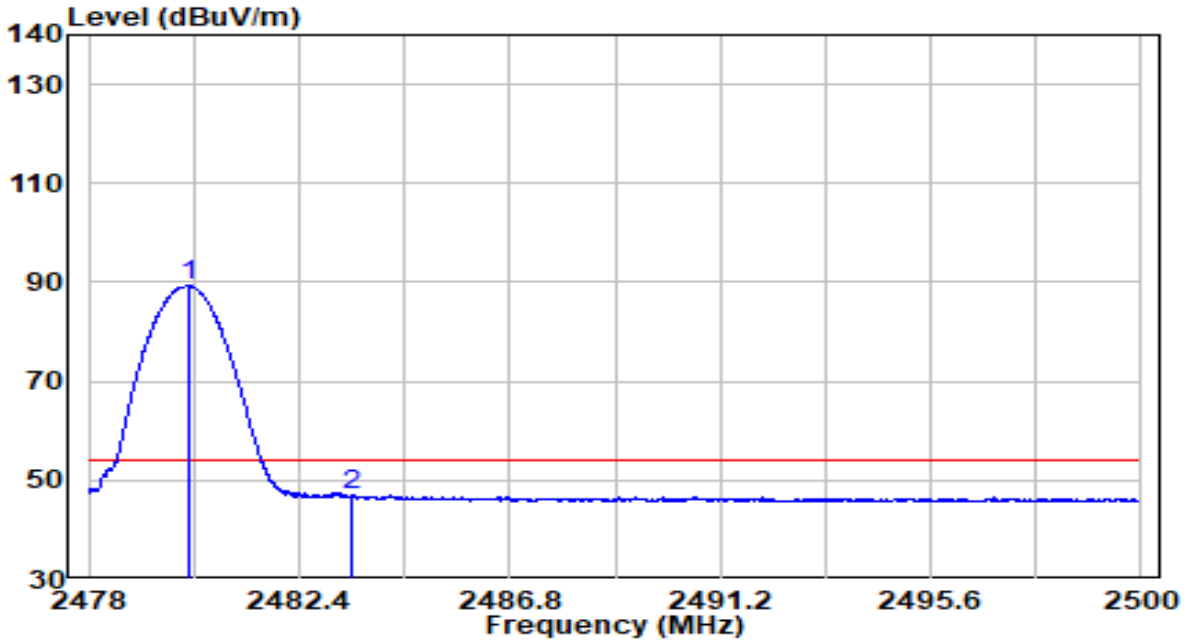


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2479.815	57.39	32.69	90.08	N/A	N/A	Peak
2		2483.500	31.21	32.71	63.92	-10.08	74.00	Peak
3		2484.072	31.55	32.71	64.26	-9.74	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480MHz	Test Voltage	120V/60Hz

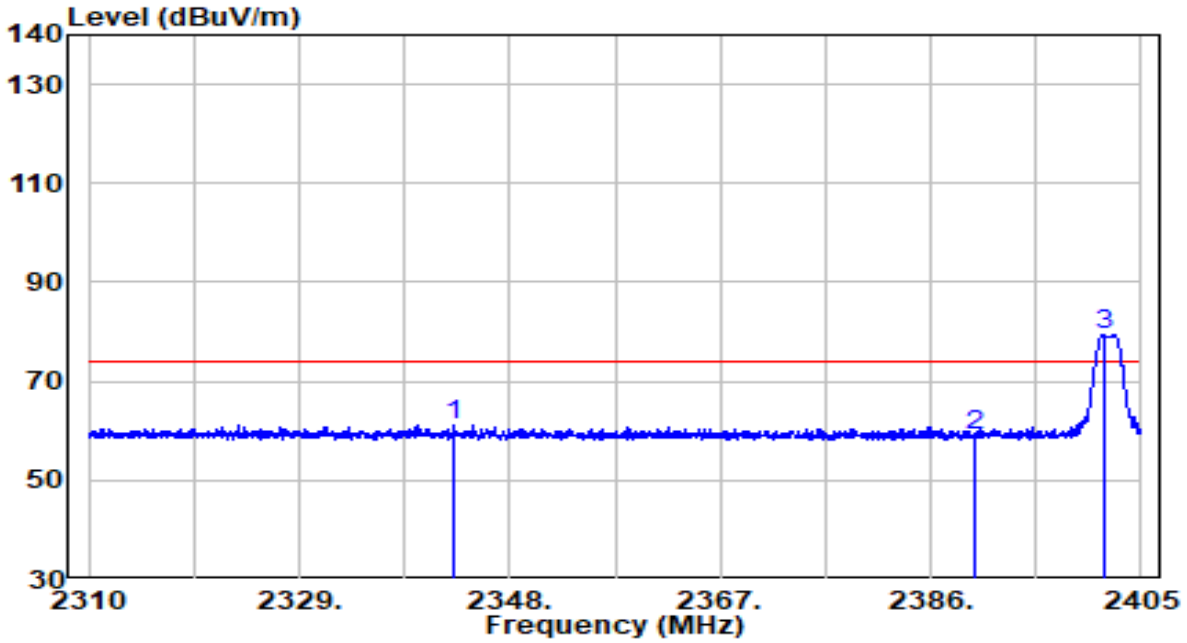


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.090	56.55	32.69	89.24	N/A	N/A	Average
2		2483.500	14.13	32.71	46.83	-7.17	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2402MHz	Test Voltage	120V/60Hz

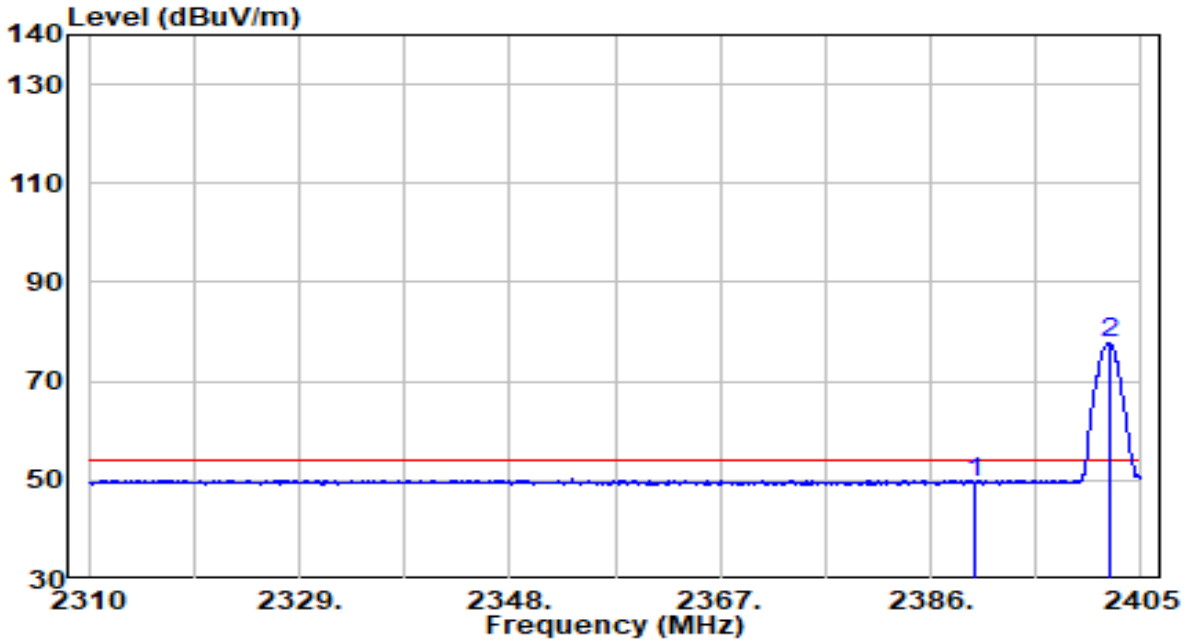


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2342.917	29.18	32.09	61.27	-12.73	74.00	Peak
2		2390.000	26.80	32.30	59.10	-14.90	74.00	Peak
3	*	2401.627	47.08	32.35	79.43	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2402MHz	Test Voltage	120V/60Hz

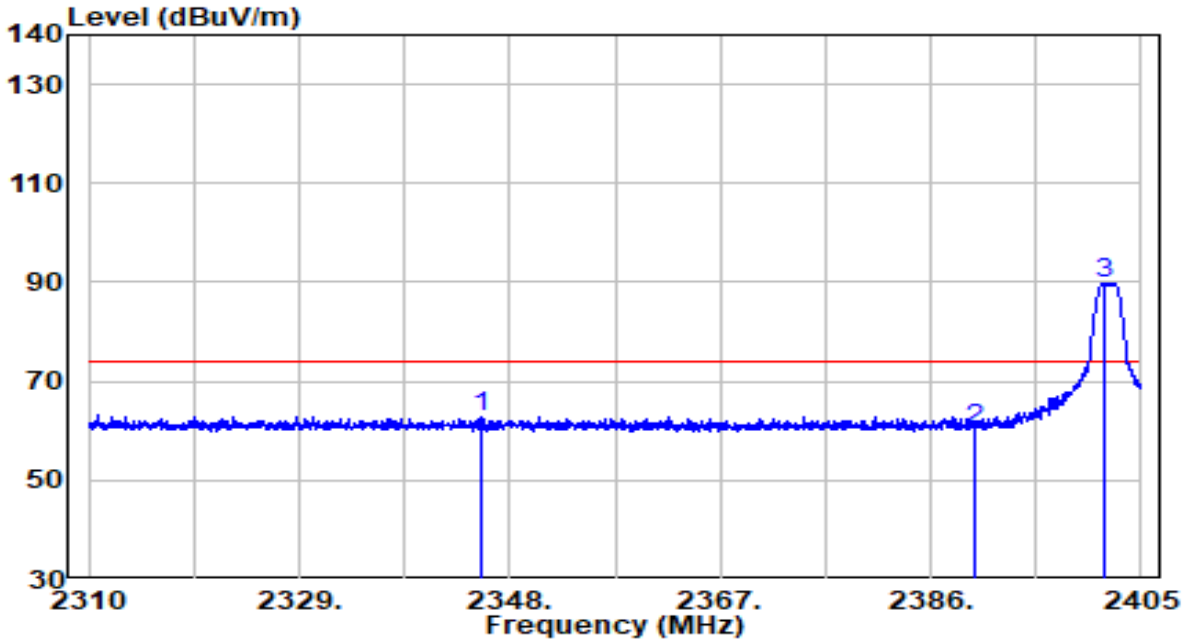


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	17.09	32.30	49.39	-4.61	54.00	Average
2	*	2402.103	45.50	32.35	77.85	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2402MHz	Test Voltage	120V/60Hz

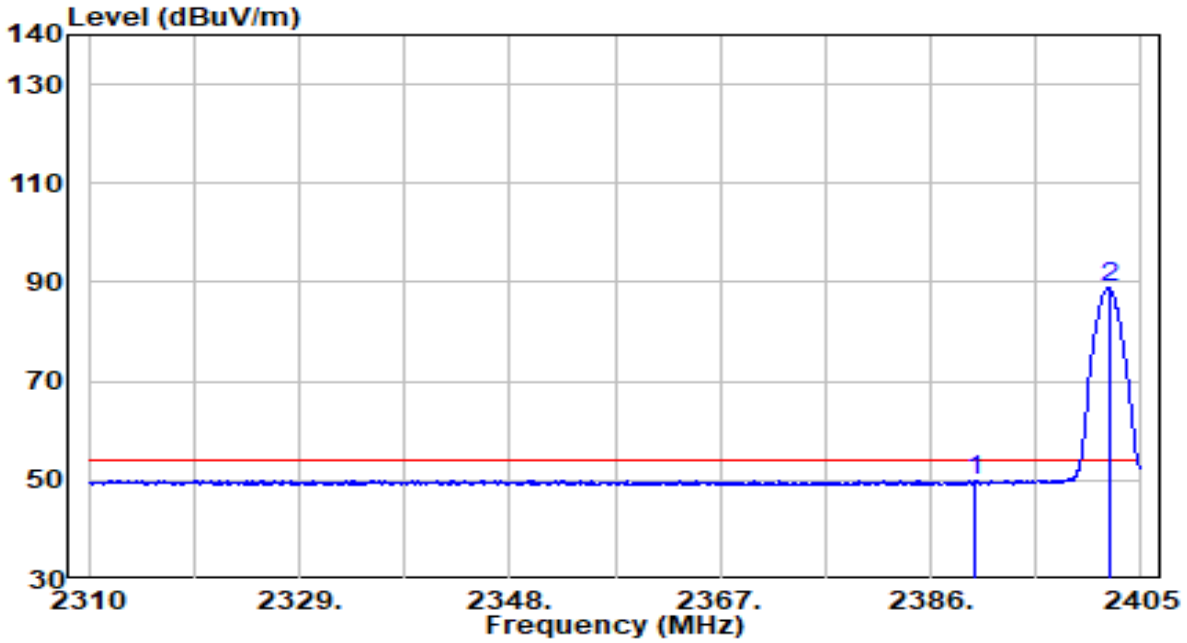


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2345.435	30.88	32.10	62.98	-11.02	74.00	Peak
2		2390.000	28.20	32.30	60.50	-13.50	74.00	Peak
3	*	2401.580	57.54	32.35	89.89	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2402MHz	Test Voltage	120V/60Hz

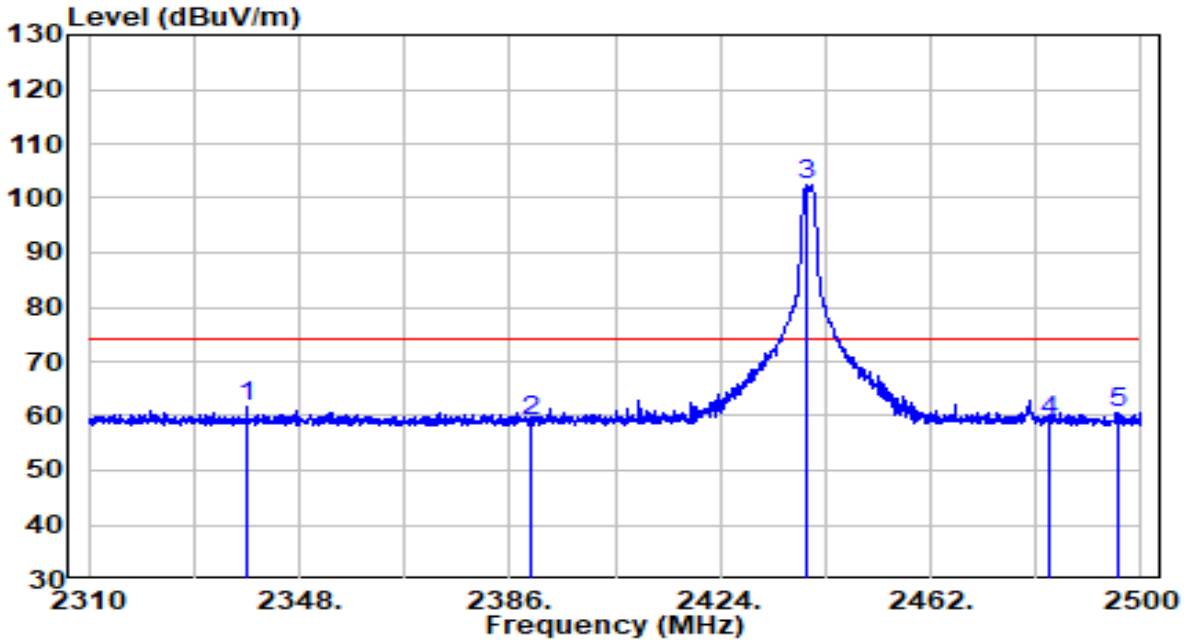


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	17.43	32.30	49.72	-4.28	54.00	Average
2	*	2402.198	56.46	32.35	88.81	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2440MHz	Test Voltage	120V/60Hz

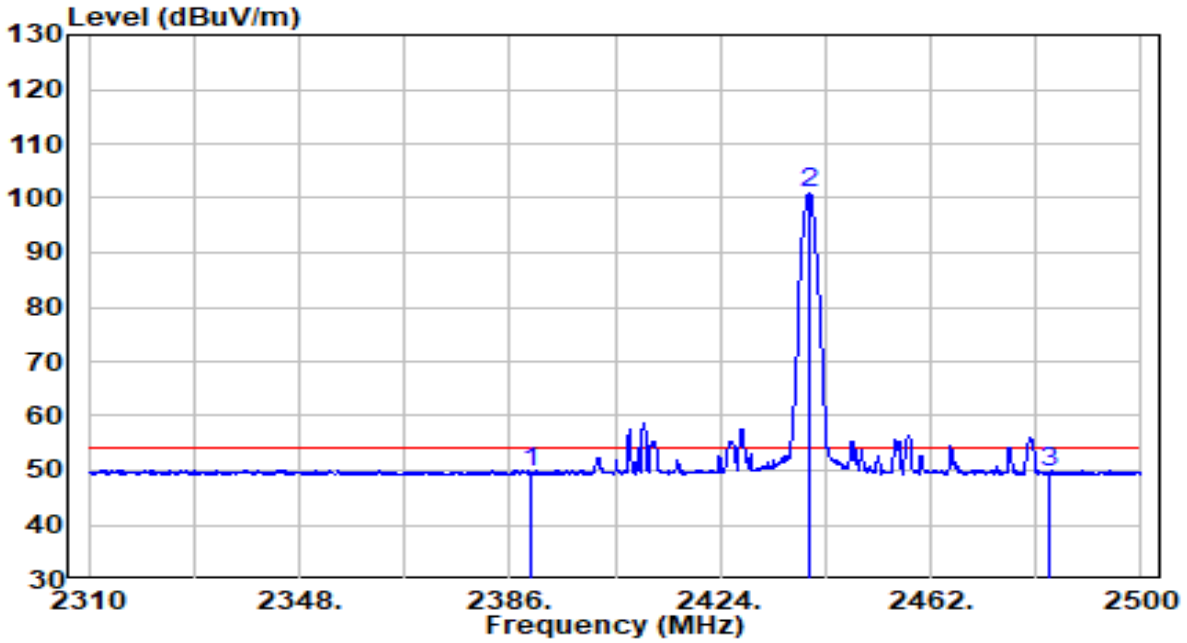


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2338.405	29.65	32.07	61.72	-12.28	74.00	Peak
2		2390.000	26.93	32.30	59.22	-14.78	74.00	Peak
3	*	2439.580	69.91	32.51	102.42	N/A	N/A	Peak
4		2483.500	26.28	32.71	58.98	-15.02	74.00	Peak
5		2495.915	27.93	32.76	60.69	-13.31	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2440MHz	Test Voltage	120V/60Hz

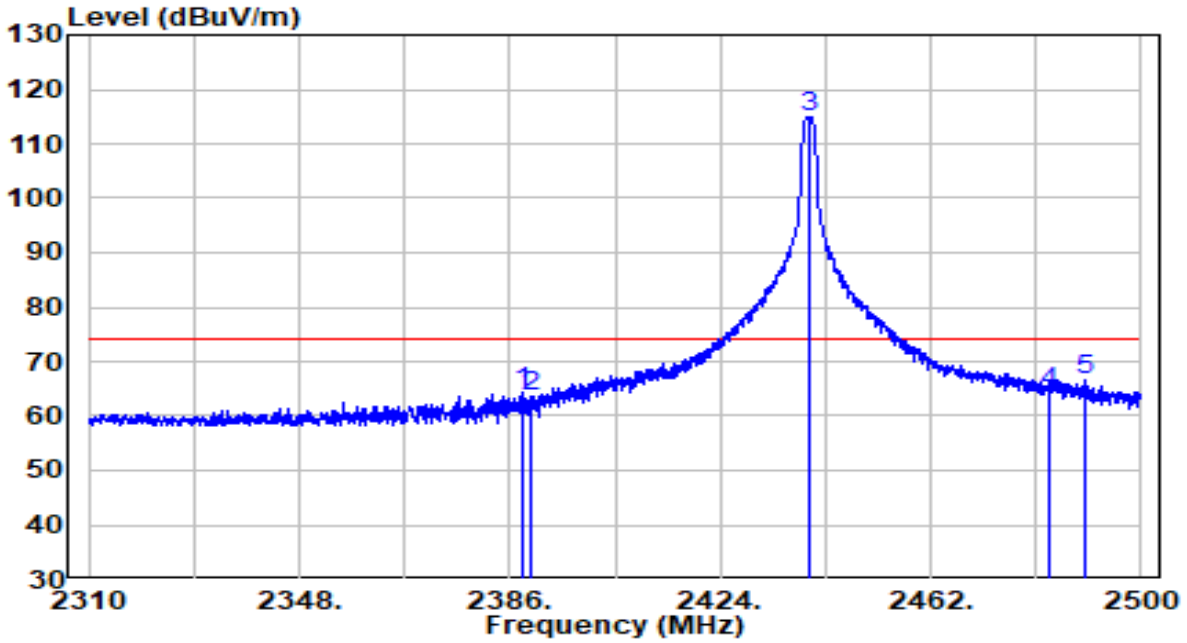


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	17.19	32.30	49.49	-4.51	54.00	Average
2	*	2440.055	68.41	32.52	100.93	N/A	N/A	Average
3		2483.500	16.75	32.71	49.46	-4.54	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2440MHz	Test Voltage	120V/60Hz

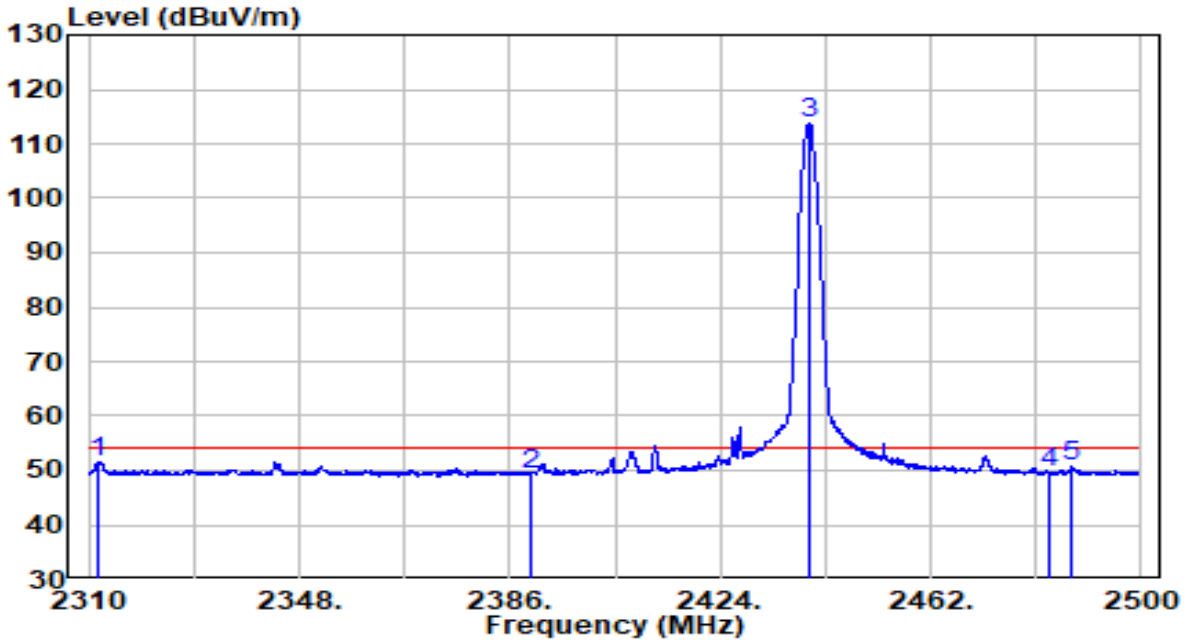


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2388.280	32.04	32.29	64.32	-9.68	74.00	Peak
2		2390.000	31.45	32.30	63.75	-10.25	74.00	Peak
3	*	2439.960	82.34	32.52	114.86	N/A	N/A	Peak
4		2483.500	31.78	32.71	64.49	-9.51	74.00	Peak
5		2489.835	33.70	32.74	66.43	-7.57	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2440MHz	Test Voltage	120V/60Hz

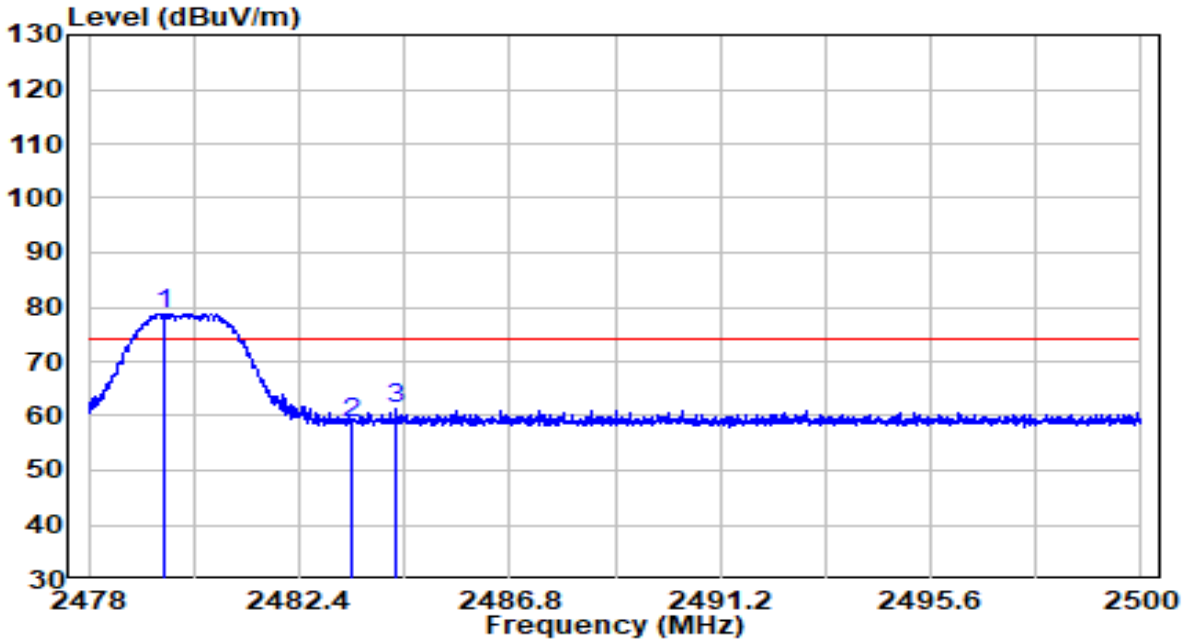


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2311.615	19.72	31.95	51.67	-2.33	54.00	Average
2		2390.000	16.99	32.30	49.28	-4.72	54.00	Average
3	*	2440.150	81.26	32.52	113.78	N/A	N/A	Average
4		2483.500	16.91	32.71	49.62	-4.38	54.00	Average
5		2487.555	18.05	32.73	50.78	-3.22	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2480MHz	Test Voltage	120V/60Hz

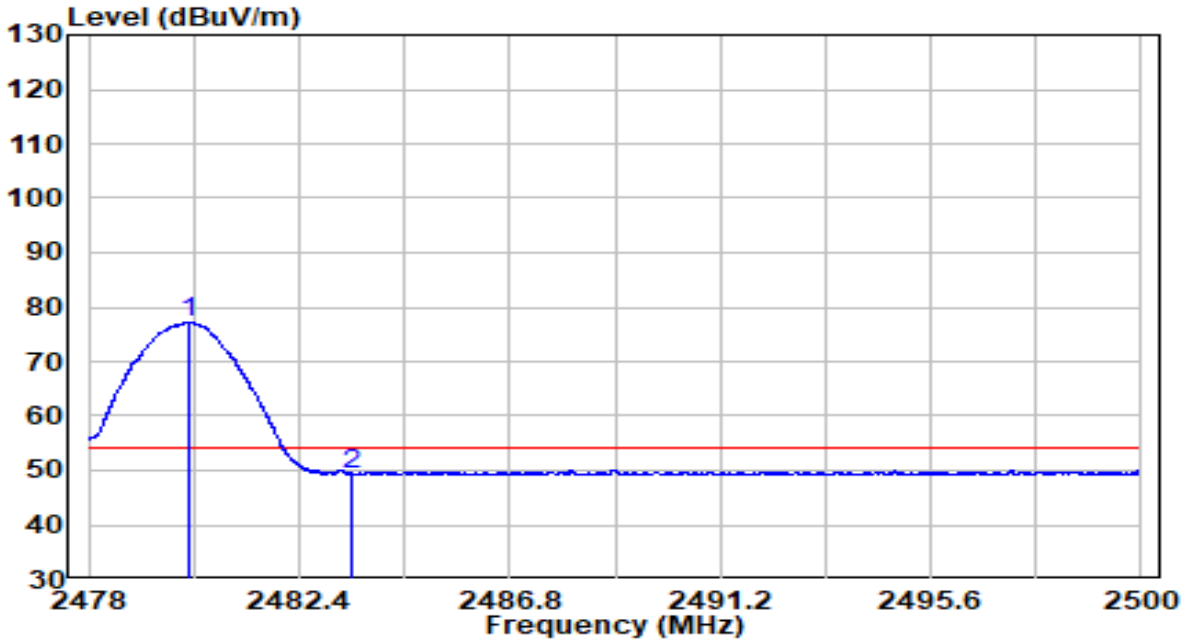


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2479.584	46.14	32.69	78.83	N/A	N/A	Peak
2		2483.500	25.92	32.71	58.63	-15.37	74.00	Peak
3		2484.413	28.45	32.71	61.16	-12.84	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2480MHz	Test Voltage	120V/60Hz

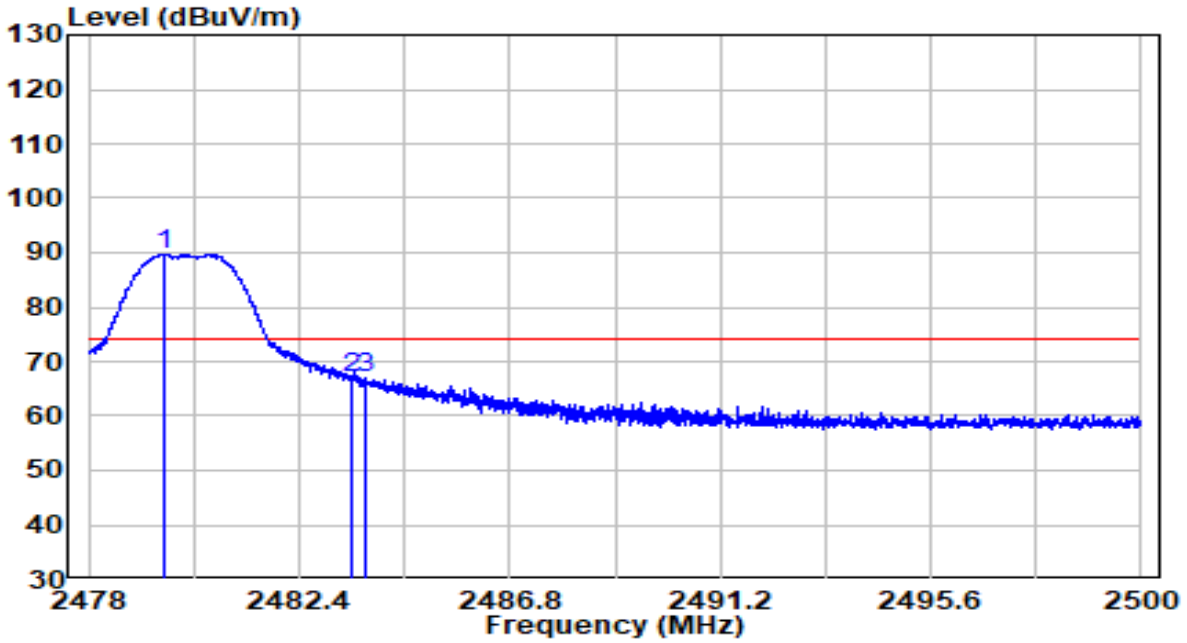


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.123	44.47	32.69	77.16	N/A	N/A	Average
2		2483.500	16.68	32.71	49.39	-4.61	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2480MHz	Test Voltage	120V/60Hz

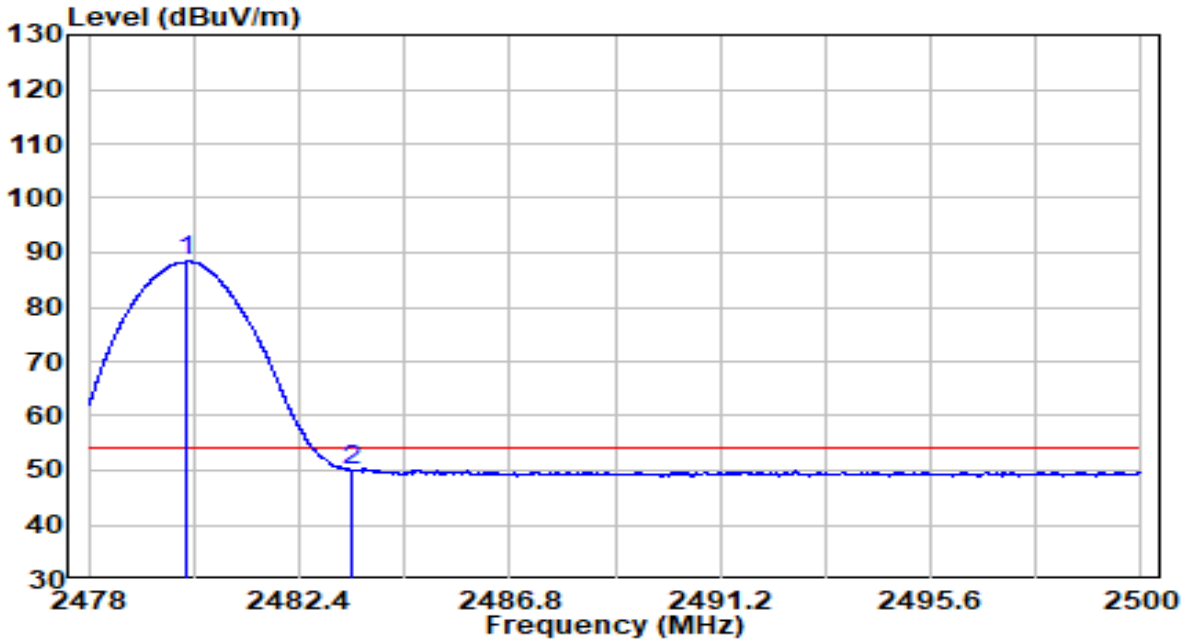


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2479.562	56.97	32.69	89.66	N/A	N/A	Peak
2		2483.500	34.22	32.71	66.93	-7.07	74.00	Peak
3		2483.775	34.18	32.71	66.89	-7.11	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2480MHz	Test Voltage	120V/60Hz



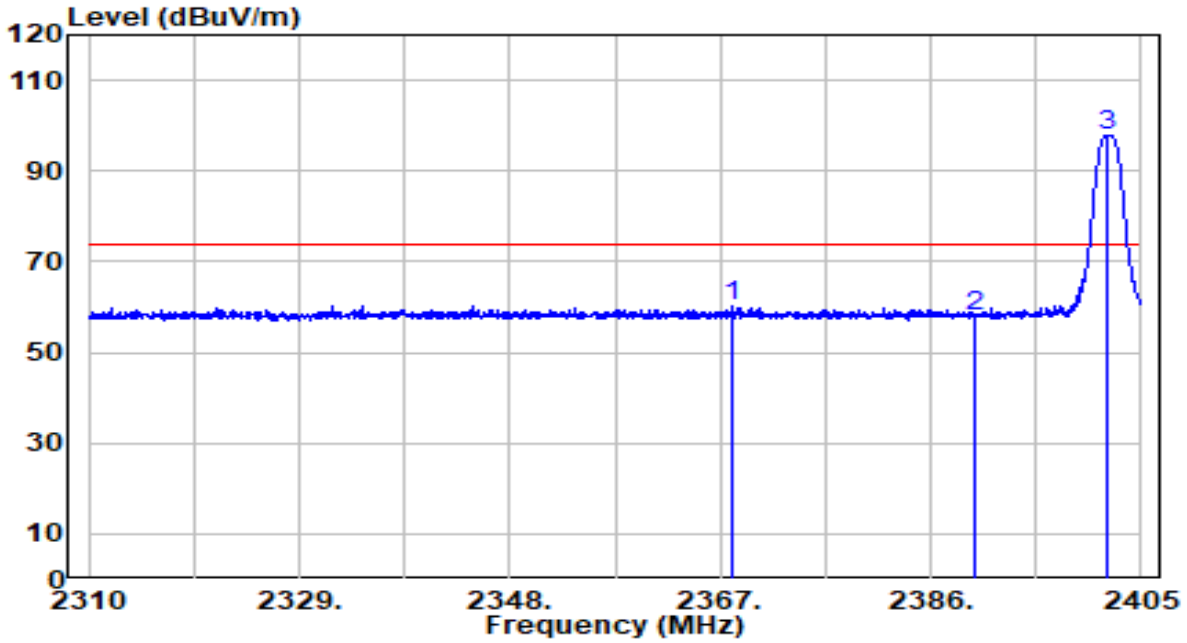
No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.057	55.66	32.69	88.35	N/A	N/A	Average
2		2483.500	17.18	32.71	49.89	-4.11	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

Bluetooth chip 1 Internal Antenna

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402MHz	Test Voltage	120V/60Hz

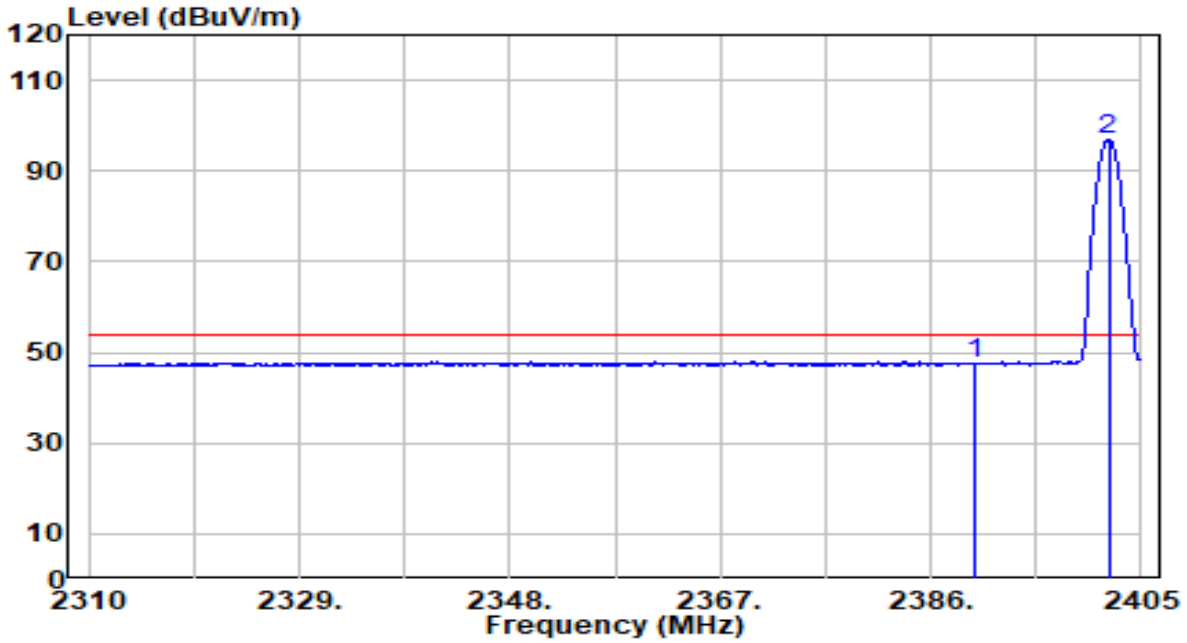


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2368.188	27.91	32.20	60.11	-13.89	74.00	Peak
2		2390.000	25.63	32.30	57.93	-16.07	74.00	Peak
3	*	2401.817	65.43	32.35	97.77	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402MHz	Test Voltage	120V/60Hz

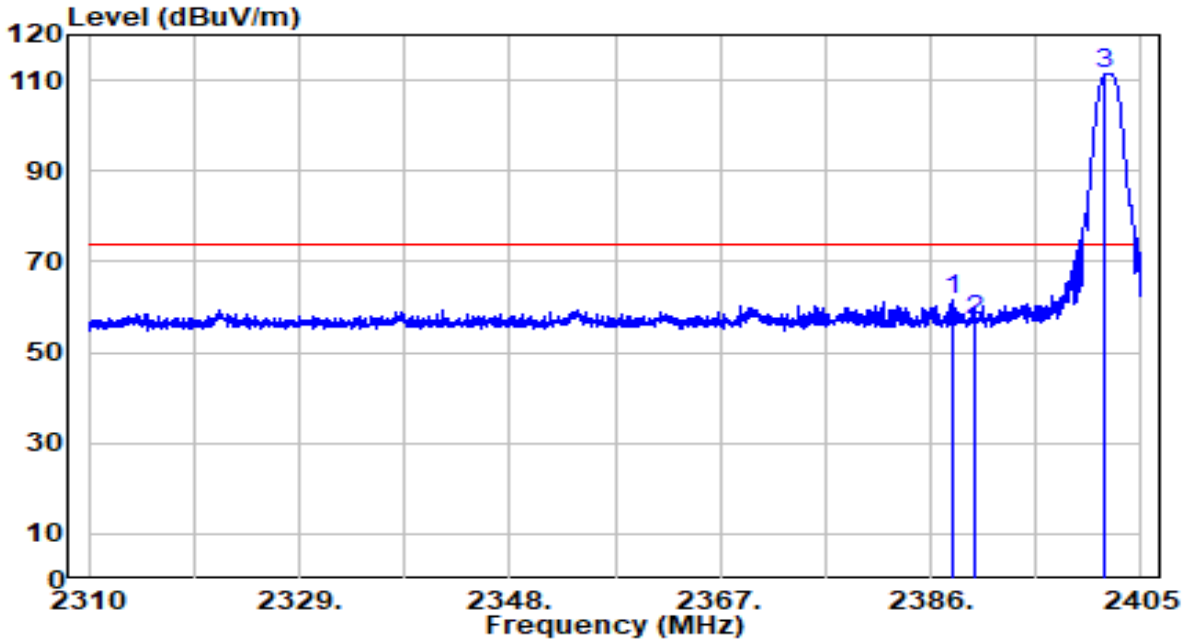


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	15.28	32.30	47.57	-6.43	54.00	Average
2	*	2402.055	64.62	32.35	96.97	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402MHz	Test Voltage	120V/60Hz

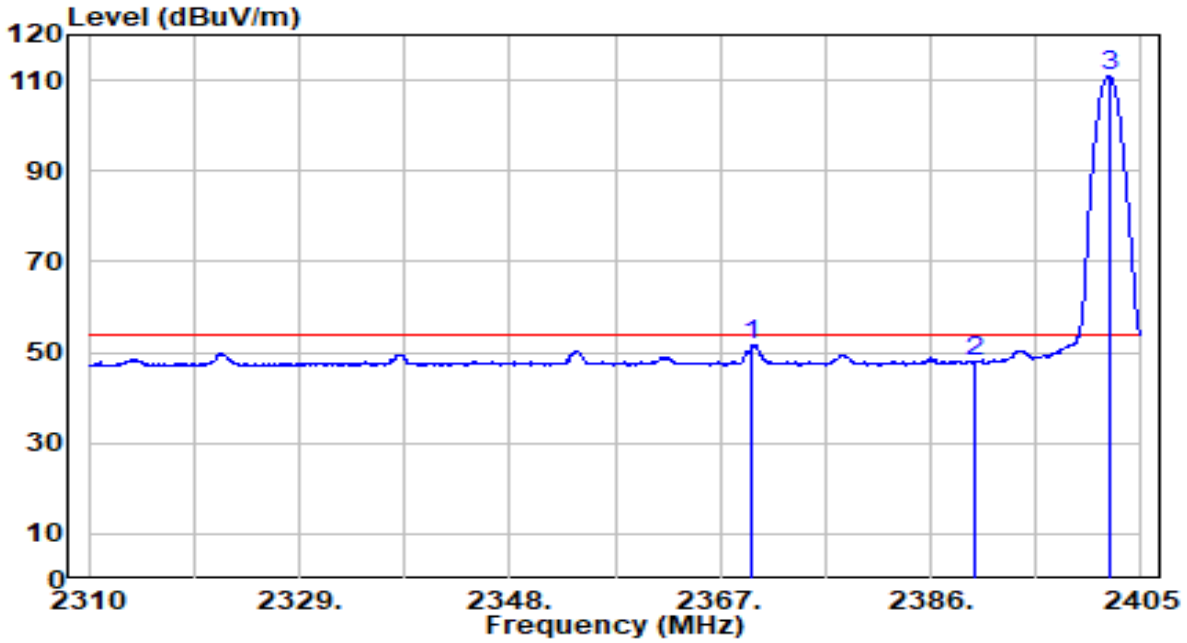


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2388.042	29.09	32.29	61.37	-12.63	74.00	Peak
2		2390.000	24.77	32.30	57.06	-16.94	74.00	Peak
3	*	2401.770	78.89	32.35	111.24	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402MHz	Test Voltage	120V/60Hz

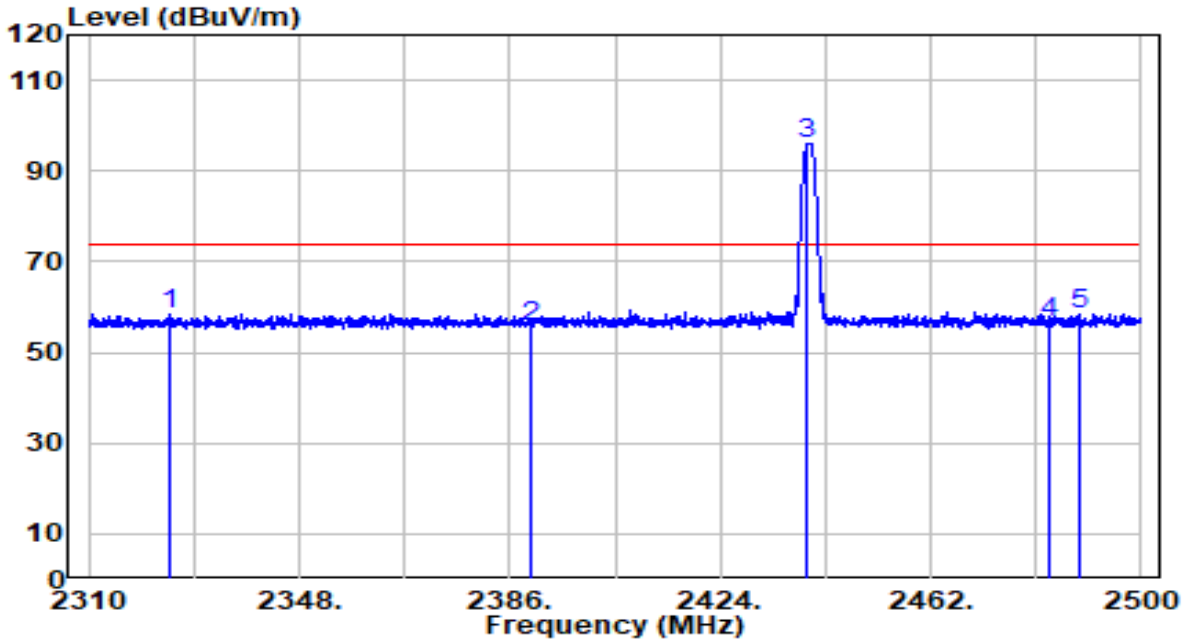


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2369.850	19.61	32.21	51.82	-2.18	54.00	Average
2		2390.000	15.72	32.30	48.01	-5.99	54.00	Average
3	*	2402.103	78.55	32.35	110.90	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440MHz	Test Voltage	120V/60Hz

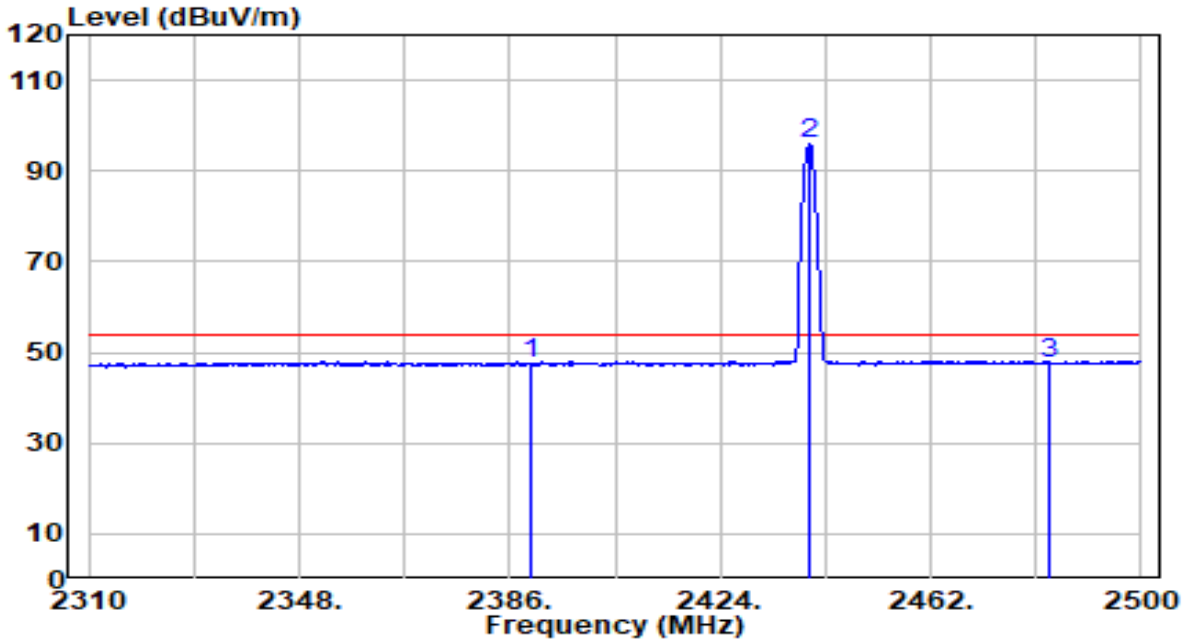


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2324.535	26.59	32.01	58.59	-15.41	74.00	Peak
2		2390.000	23.27	32.30	55.56	-18.44	74.00	Peak
3	*	2439.770	63.71	32.51	96.23	N/A	N/A	Peak
4		2483.500	24.10	32.71	56.81	-17.19	74.00	Peak
5		2488.695	25.86	32.73	58.59	-15.41	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440MHz	Test Voltage	120V/60Hz

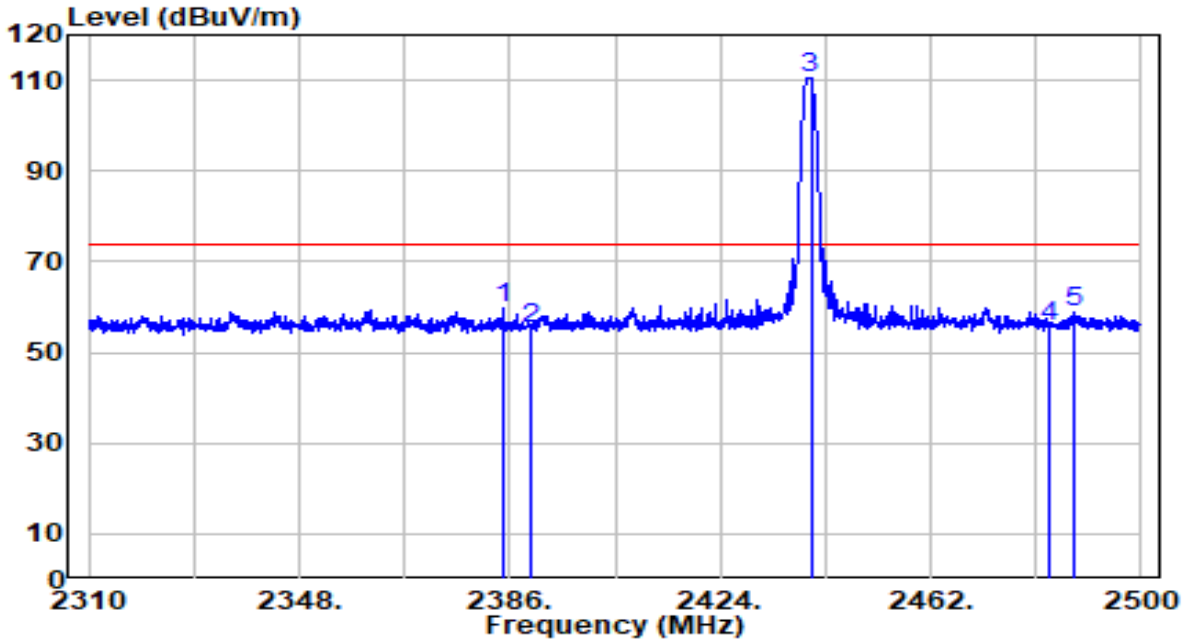


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	15.03	32.30	47.33	-6.67	54.00	Average
2	*	2440.055	63.32	32.52	95.84	N/A	N/A	Average
3		2483.500	14.88	32.71	47.58	-6.42	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440MHz	Test Voltage	120V/60Hz

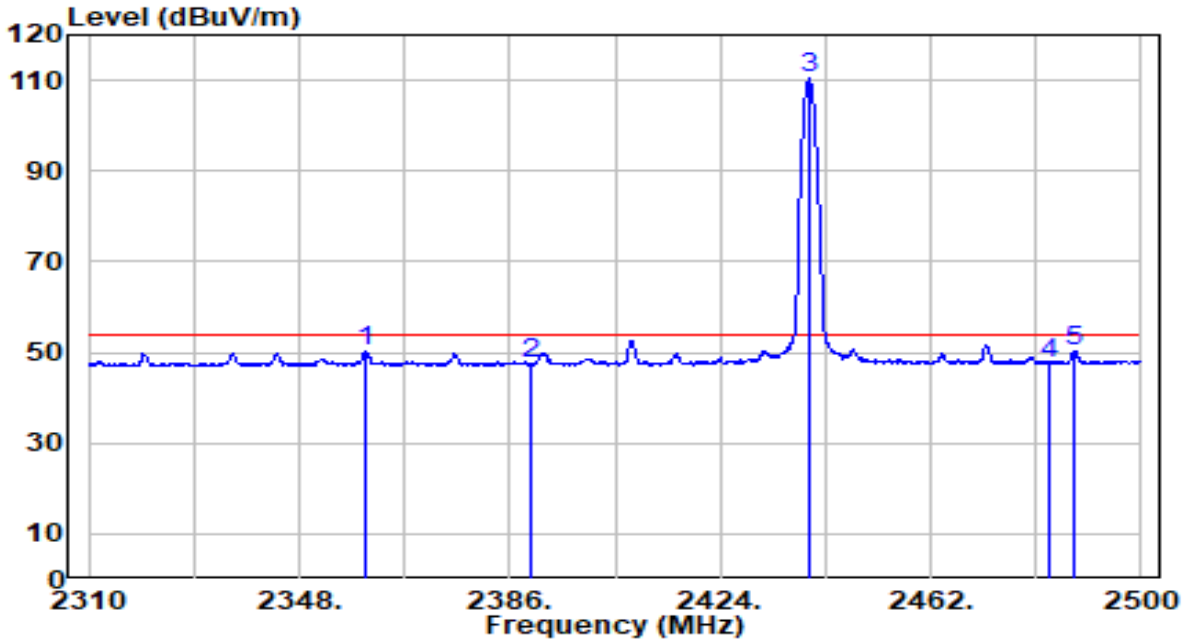


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2384.860	27.41	32.27	59.68	-14.32	74.00	Peak
2		2390.000	23.15	32.30	55.44	-18.56	74.00	Peak
3	*	2440.340	78.15	32.52	110.67	N/A	N/A	Peak
4		2483.500	23.18	32.71	55.89	-18.11	74.00	Peak
5		2487.840	26.17	32.73	58.90	-15.10	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440MHz	Test Voltage	120V/60Hz

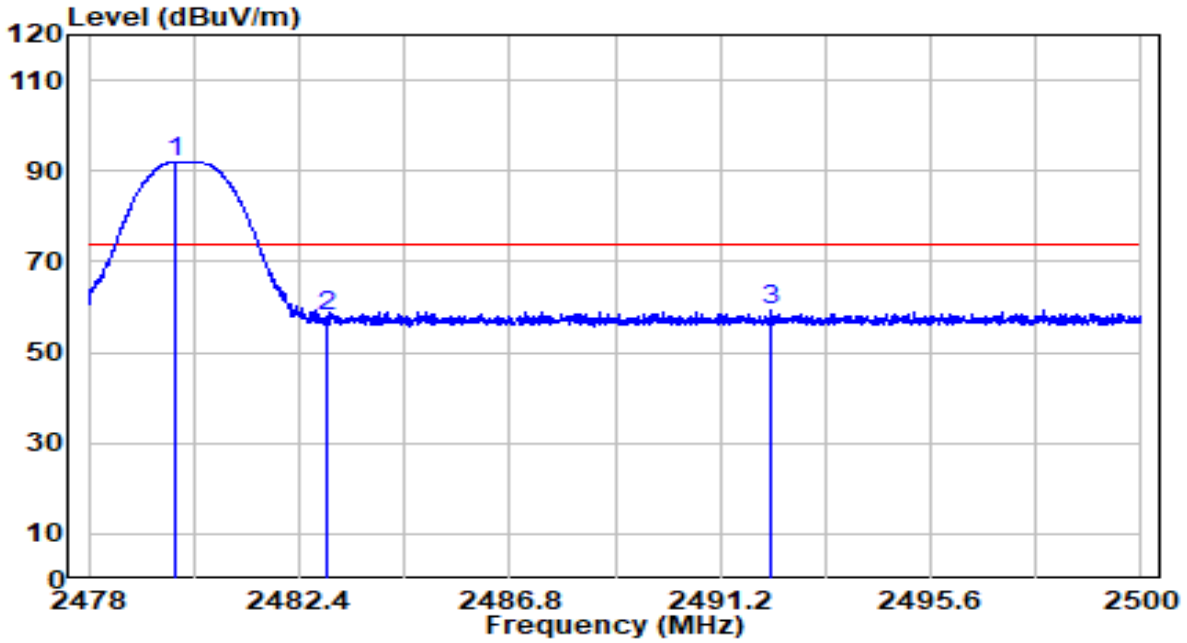


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2360.160	18.04	32.16	50.21	-3.79	54.00	Average
2		2390.000	15.19	32.30	47.49	-6.51	54.00	Average
3	*	2440.055	77.82	32.52	110.34	N/A	N/A	Average
4		2483.500	14.94	32.71	47.65	-6.35	54.00	Average
5		2487.840	17.58	32.73	50.30	-3.70	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480MHz	Test Voltage	120V/60Hz

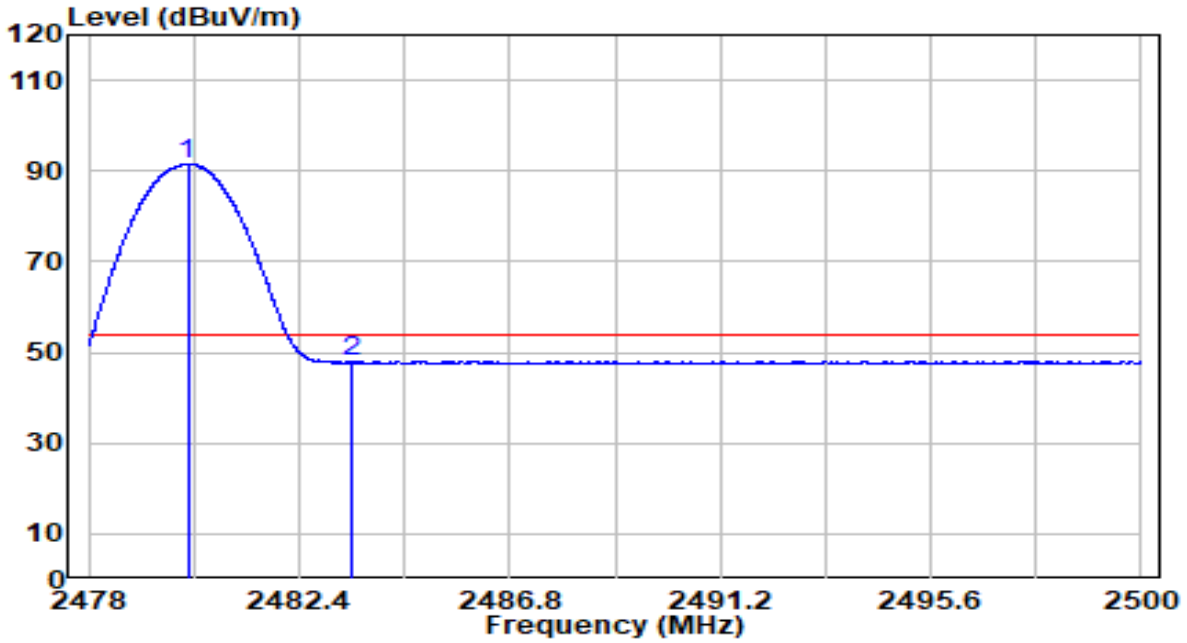


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2479.815	59.33	32.69	92.02	N/A	N/A	Peak
2		2483.000	25.14	32.71	57.85	-16.15	74.00	Peak
3		2492.278	26.48	32.75	59.23	-14.77	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480MHz	Test Voltage	120V/60Hz

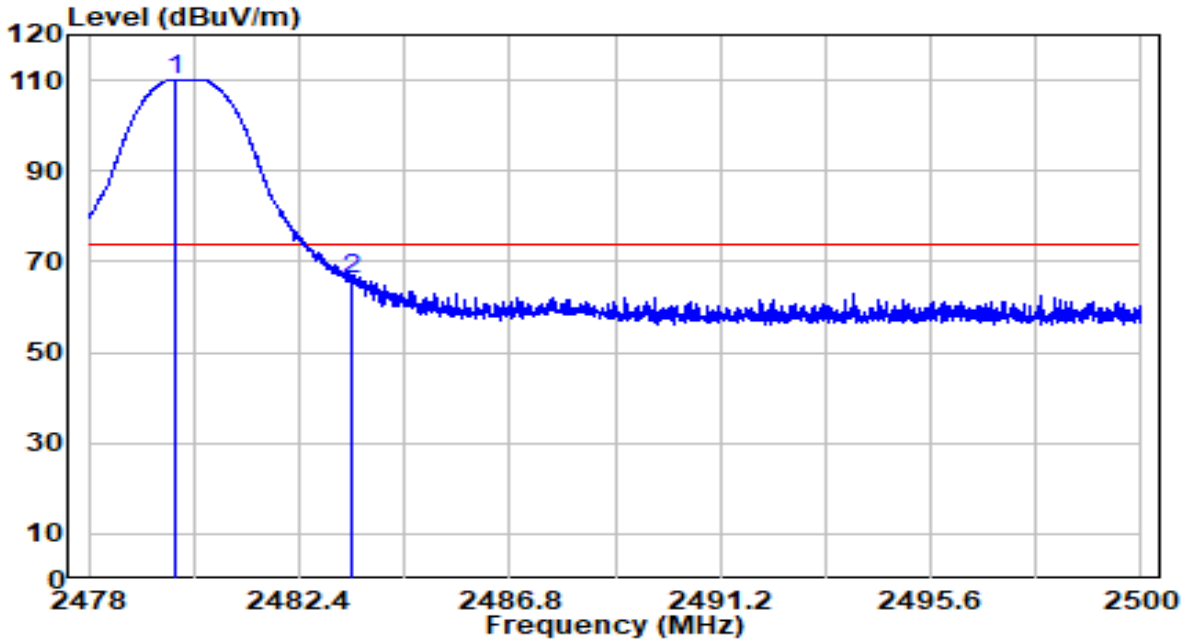


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.068	58.84	32.69	91.53	N/A	N/A	Average
2		2483.500	15.11	32.71	47.81	-6.19	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480MHz	Test Voltage	120V/60Hz

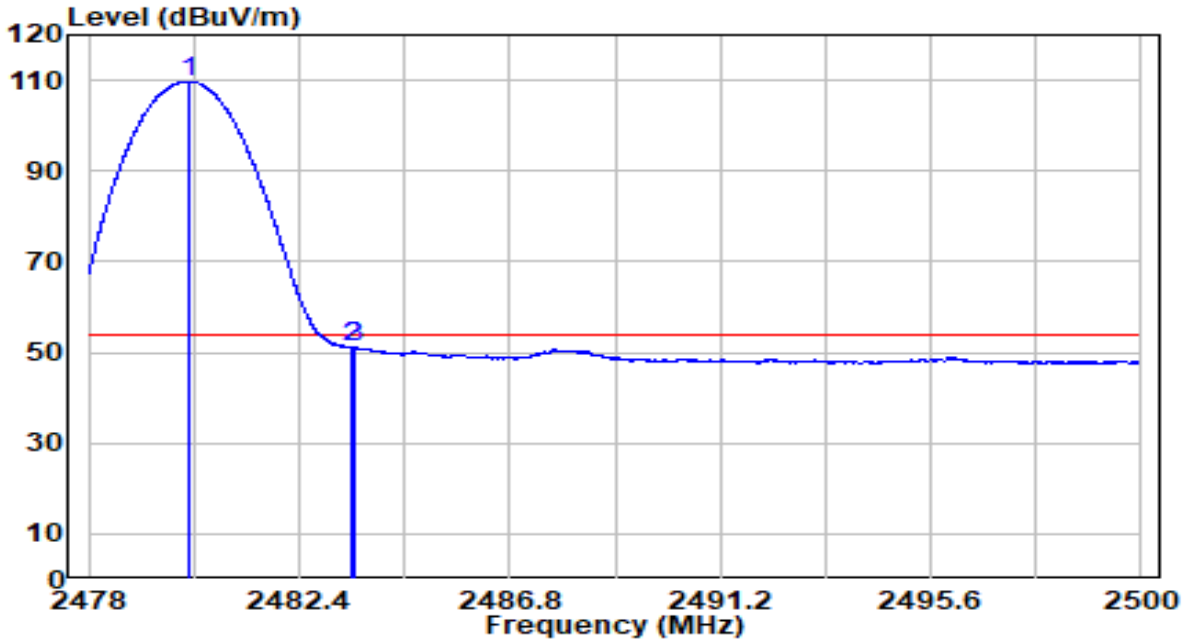


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2479.793	77.48	32.69	110.18	N/A	N/A	Peak
2		2483.500	33.54	32.71	66.25	-7.75	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480MHz	Test Voltage	120V/60Hz

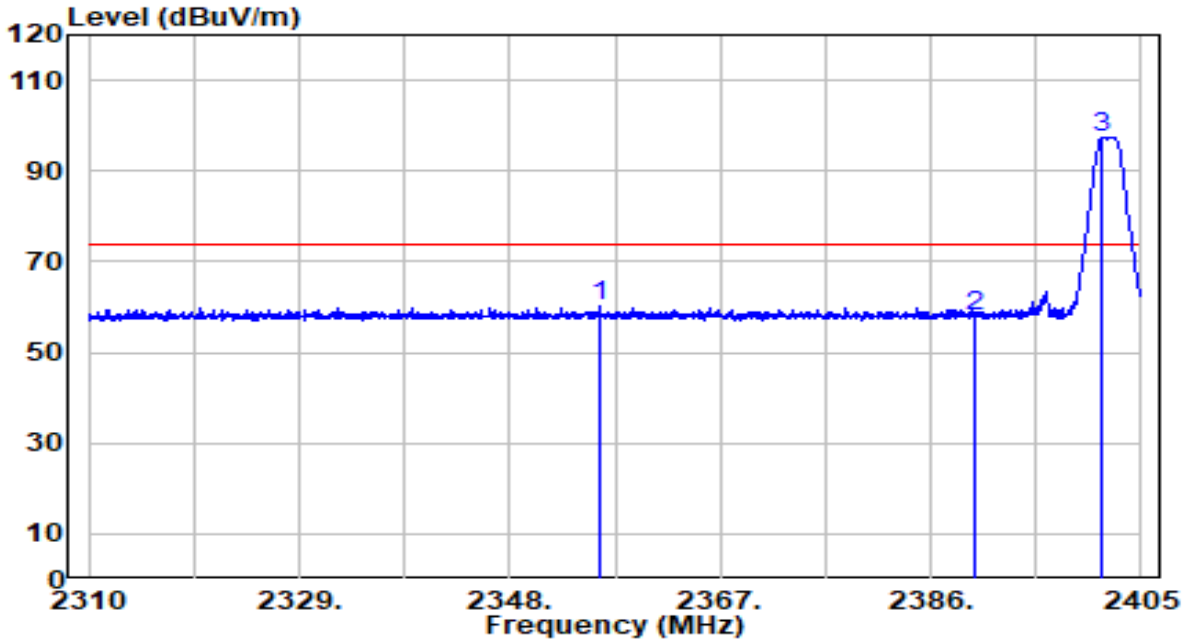


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.090	77.11	32.69	109.80	N/A	N/A	Average
2		2483.500	18.25	32.71	50.96	-3.04	54.00	Average
3		2483.577	18.48	32.71	51.19	-2.81	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2402MHz	Test Voltage	120V/60Hz

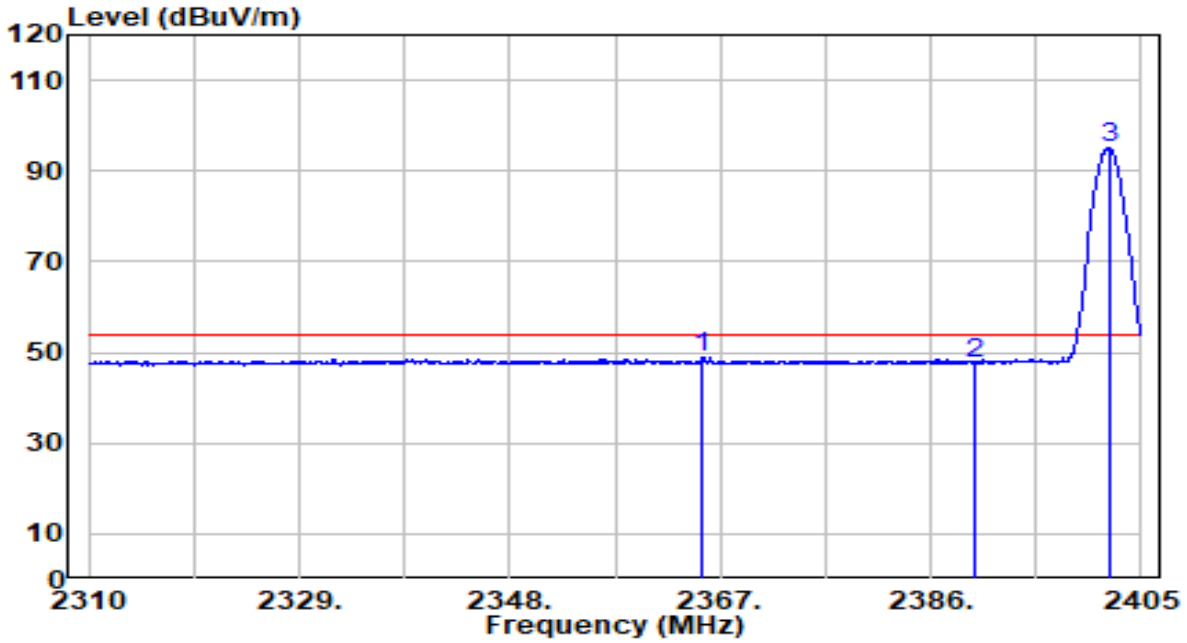


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2356.028	27.96	32.15	60.11	-13.89	74.00	Peak
2		2390.000	25.83	32.30	58.12	-15.88	74.00	Peak
3	*	2401.532	65.12	32.35	97.47	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2402MHz	Test Voltage	120V/60Hz

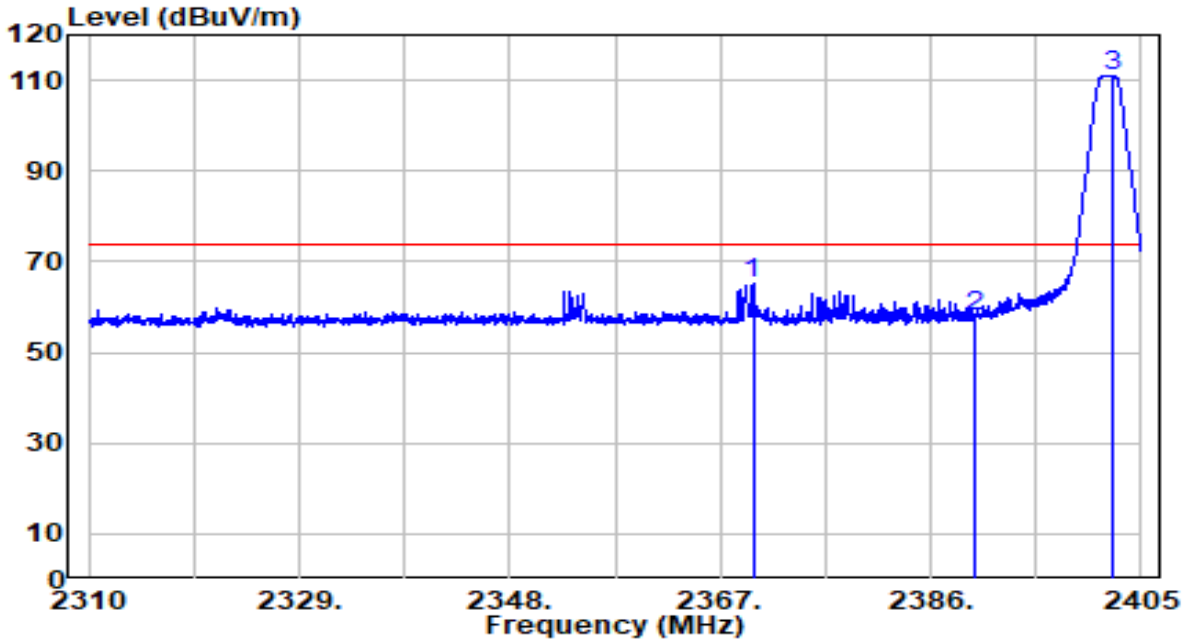


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2365.433	16.64	32.19	48.82	-5.18	54.00	Average
2		2390.000	15.43	32.30	47.73	-6.27	54.00	Average
3	*	2402.103	62.90	32.35	95.25	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2402MHz	Test Voltage	120V/60Hz

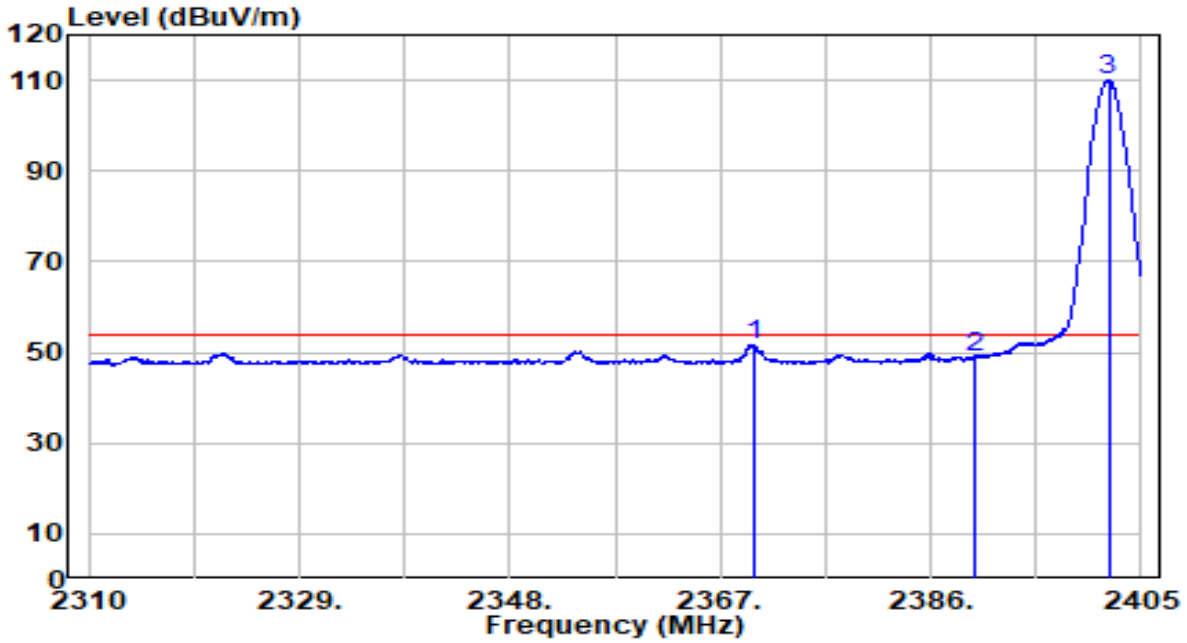


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2369.945	32.87	32.21	65.08	-8.92	74.00	Peak
2		2390.000	25.64	32.30	57.93	-16.07	74.00	Peak
3	*	2402.530	78.71	32.35	111.07	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2402MHz	Test Voltage	120V/60Hz

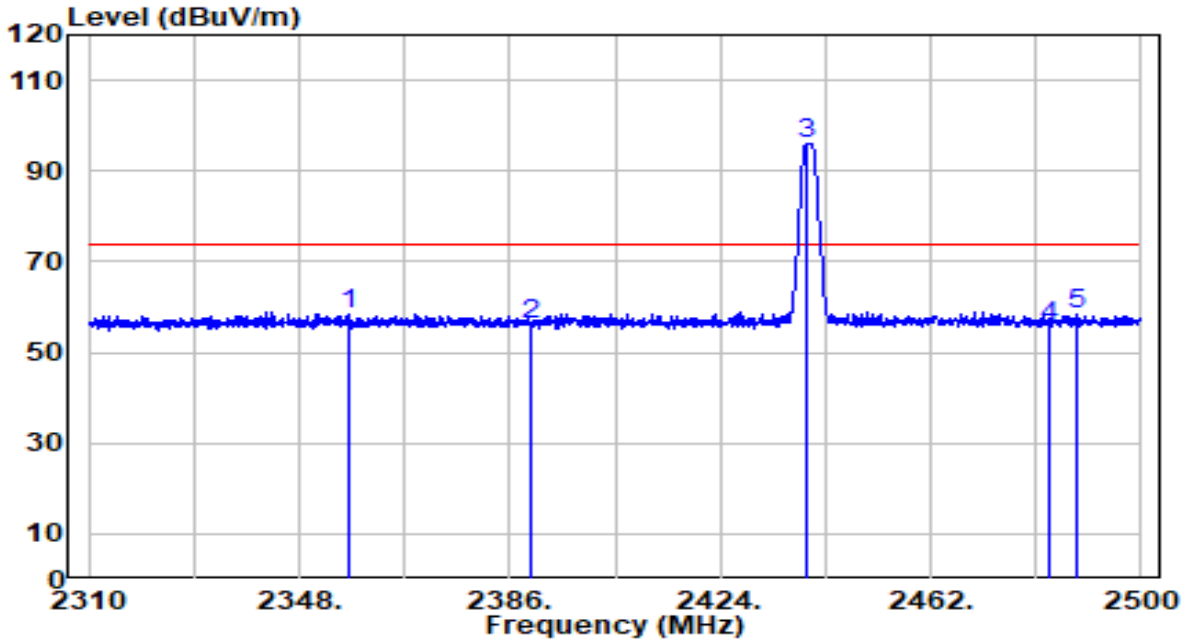


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2370.040	19.33	32.21	51.53	-2.47	54.00	Average
2		2390.000	16.78	32.30	49.07	-4.93	54.00	Average
3	*	2402.055	77.63	32.35	109.98	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2440MHz	Test Voltage	120V/60Hz

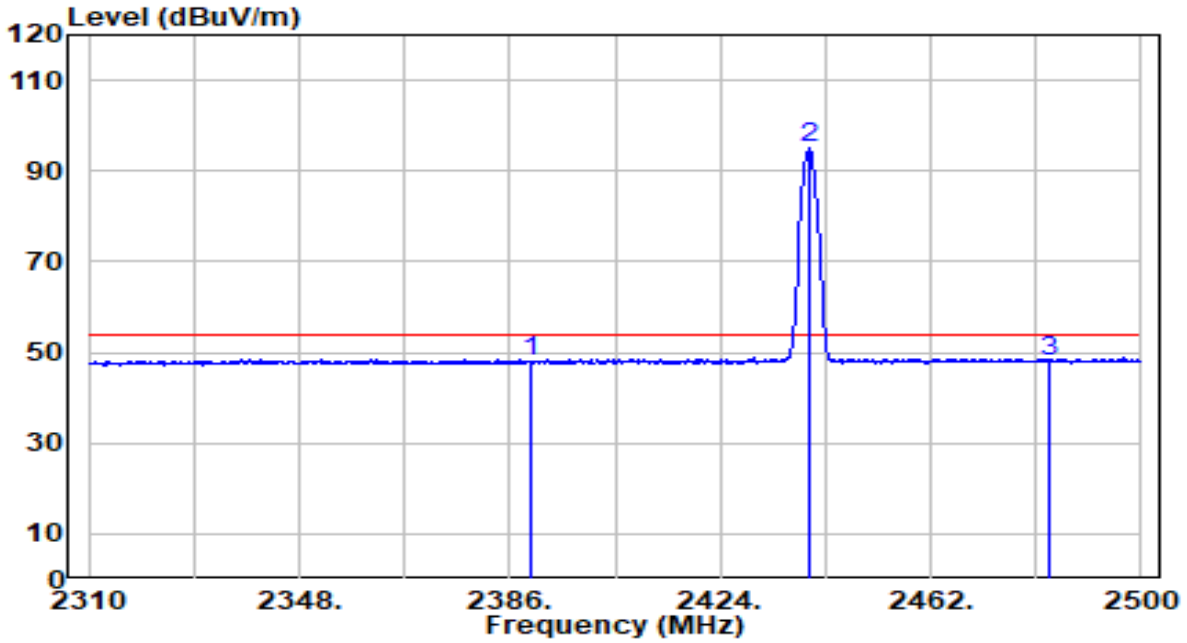


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2357.025	26.47	32.15	58.63	-15.37	74.00	Peak
2		2390.000	24.07	32.30	56.37	-17.63	74.00	Peak
3	*	2439.580	63.64	32.51	96.15	N/A	N/A	Peak
4		2483.500	23.02	32.71	55.73	-18.27	74.00	Peak
5		2488.505	25.78	32.73	58.51	-15.49	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2440MHz	Test Voltage	120V/60Hz

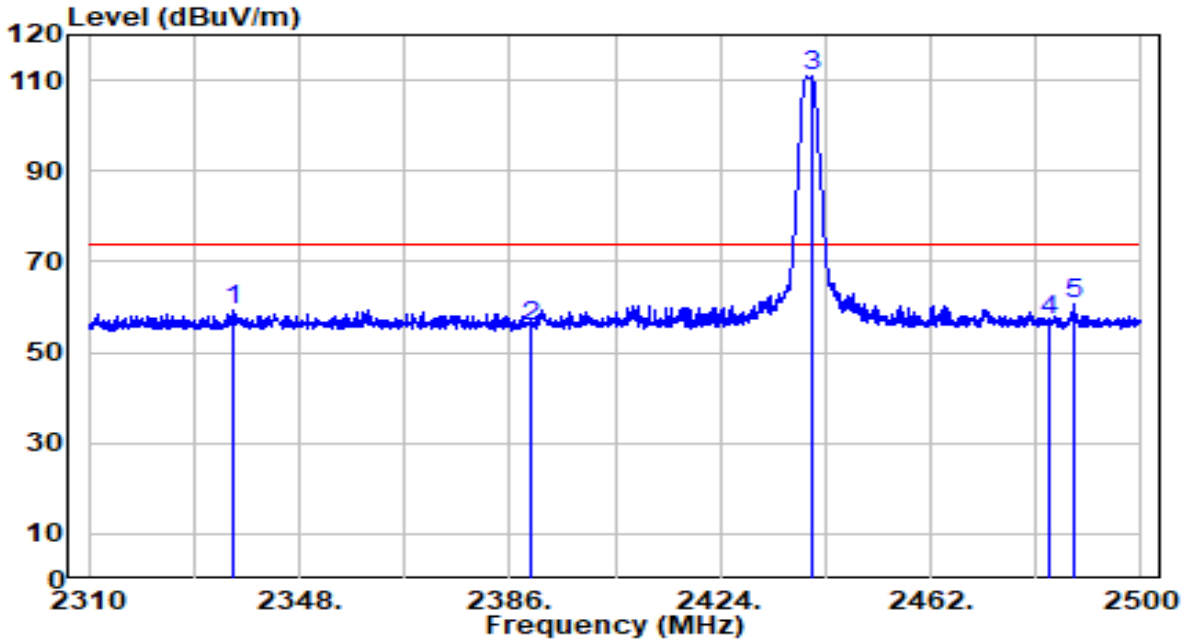


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	15.53	32.30	47.82	-6.18	54.00	Average
2	*	2440.055	62.38	32.52	94.89	N/A	N/A	Average
3		2483.500	15.10	32.71	47.81	-6.19	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2440MHz	Test Voltage	120V/60Hz

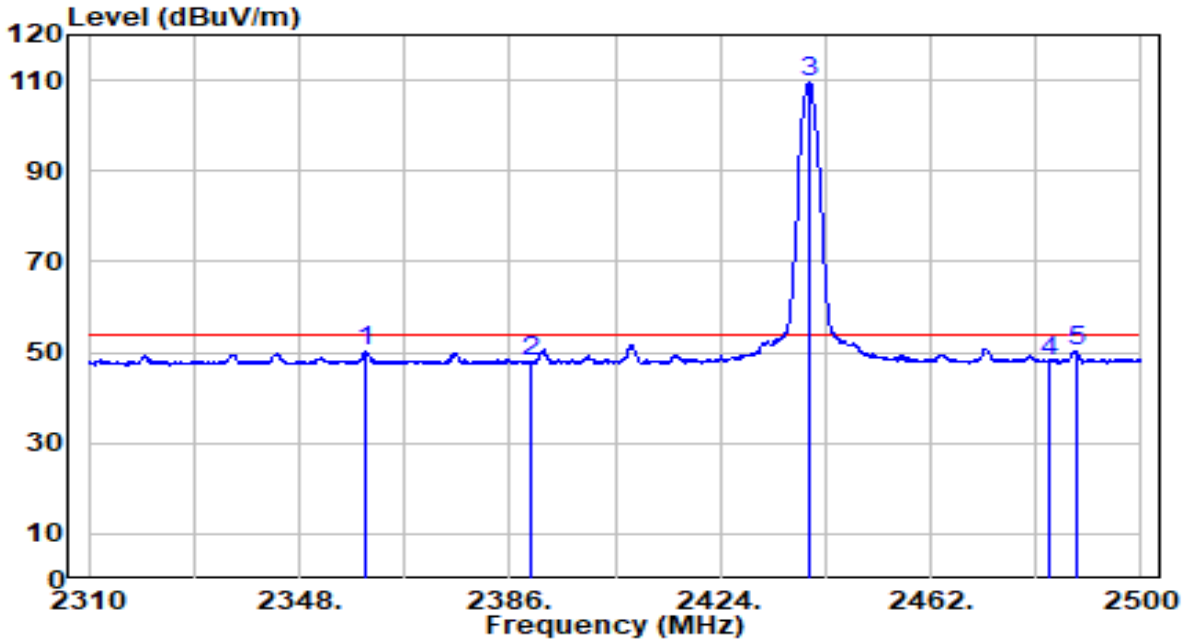


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2335.840	27.33	32.06	59.39	-14.61	74.00	Peak
2		2390.000	23.22	32.30	55.51	-18.49	74.00	Peak
3	*	2440.530	78.25	32.52	110.77	N/A	N/A	Peak
4		2483.500	24.16	32.71	56.87	-17.13	74.00	Peak
5		2487.840	28.09	32.73	60.82	-13.18	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2440MHz	Test Voltage	120V/60Hz

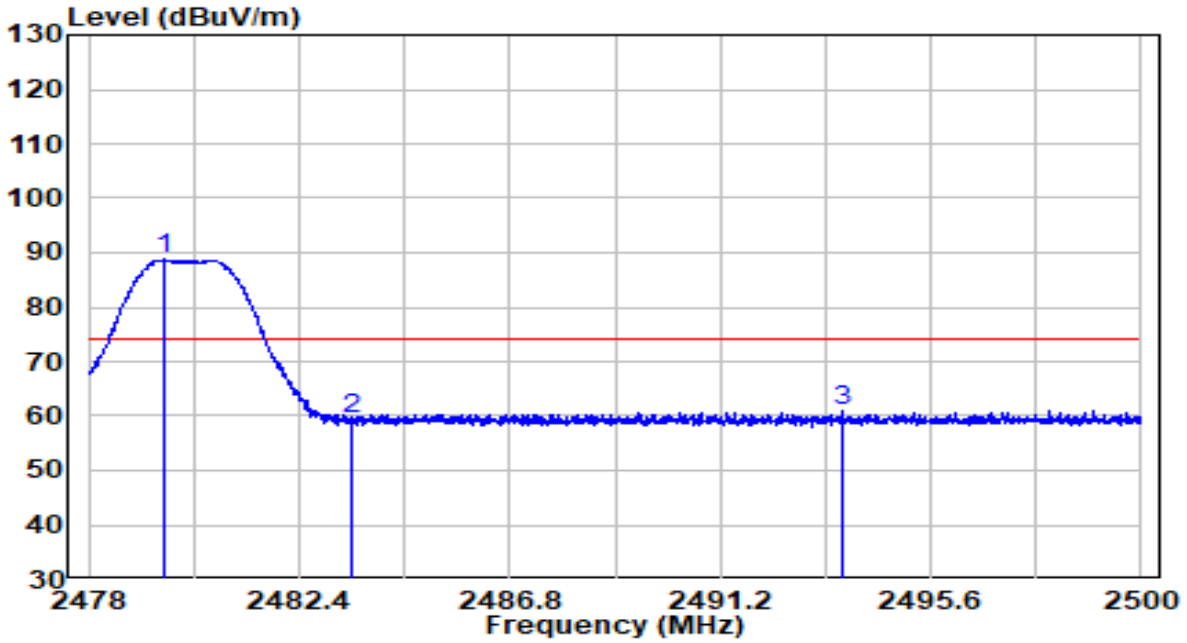


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2359.970	17.93	32.16	50.10	-3.90	54.00	Average
2		2390.000	15.55	32.30	47.85	-6.15	54.00	Average
3	*	2439.960	77.12	32.52	109.64	N/A	N/A	Average
4		2483.500	15.44	32.71	48.14	-5.86	54.00	Average
5		2488.220	17.41	32.73	50.13	-3.87	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2480MHz	Test Voltage	120V/60Hz

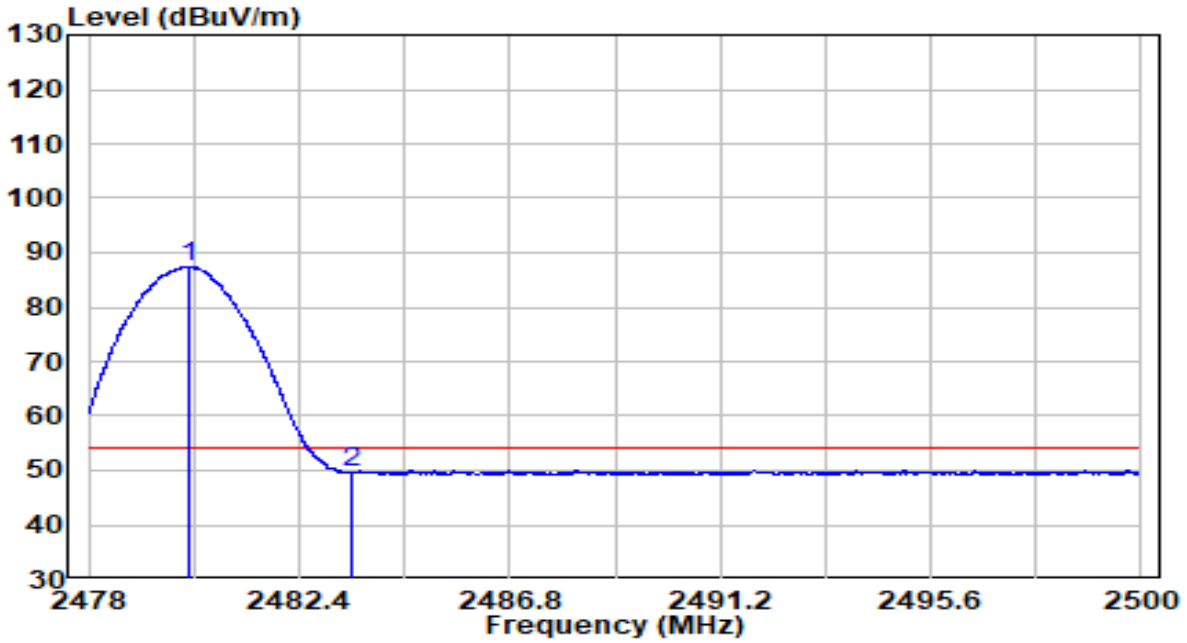


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2479.595	56.06	32.69	88.75	N/A	N/A	Peak
2		2483.500	26.58	32.71	59.29	-14.71	74.00	Peak
3		2493.741	28.33	32.75	61.08	-12.92	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2480MHz	Test Voltage	120V/60Hz

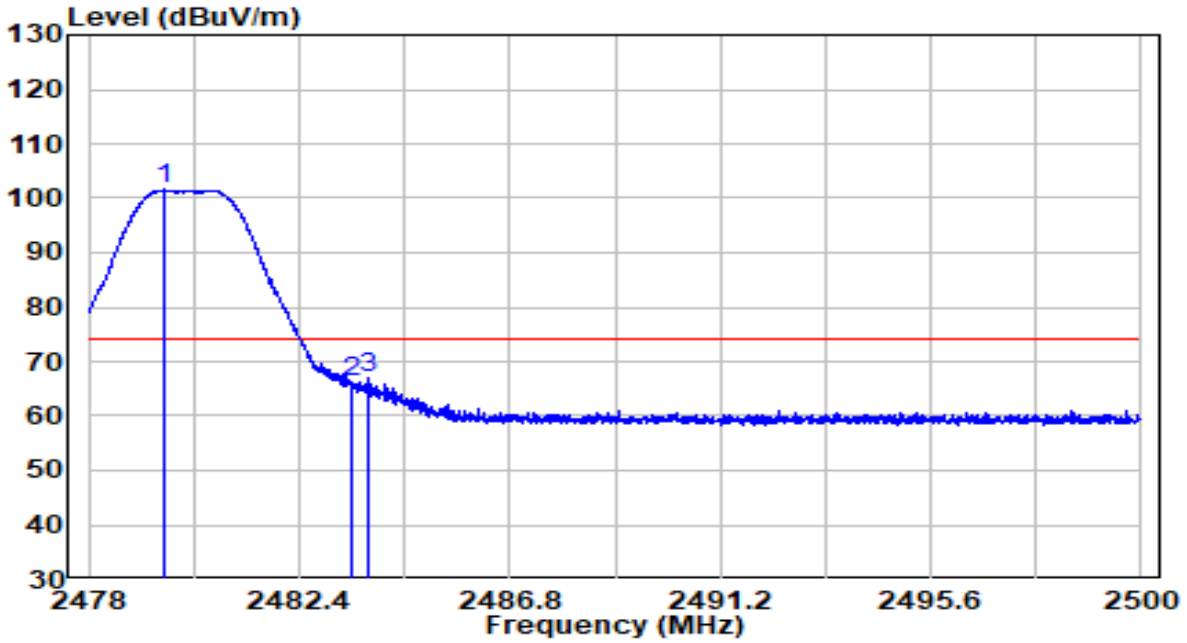


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.112	54.74	32.69	87.43	N/A	N/A	Average
2		2483.500	16.90	32.71	49.61	-4.39	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2480MHz	Test Voltage	120V/60Hz

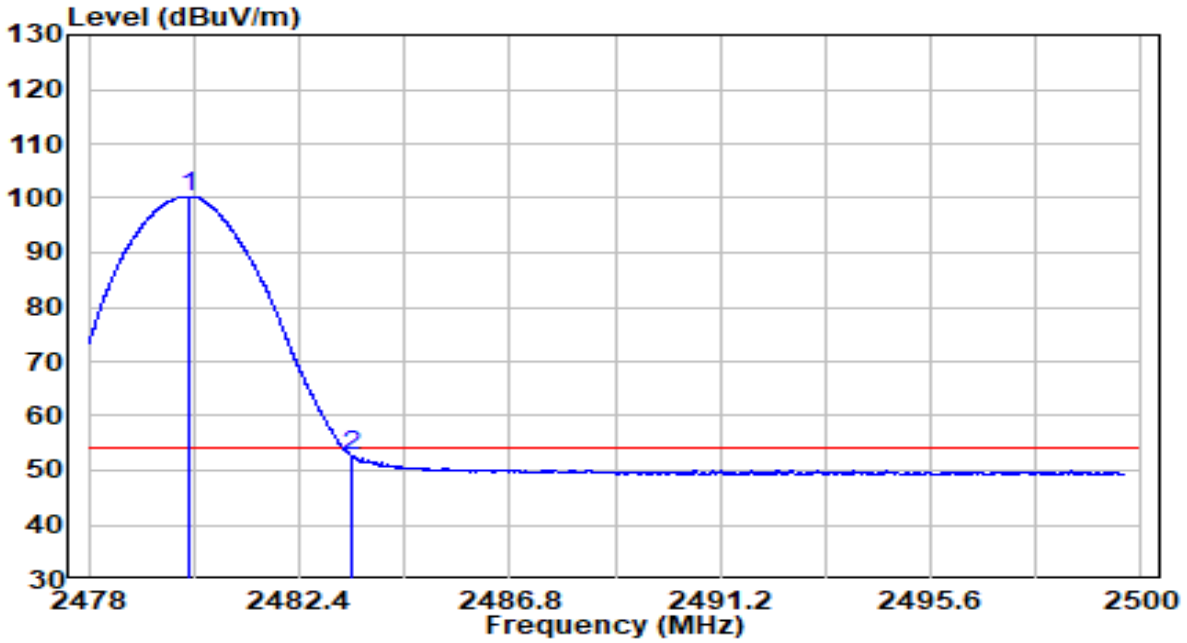


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2479.562	68.84	32.69	101.53	N/A	N/A	Peak
2		2483.500	33.56	32.71	66.27	-7.73	74.00	Peak
3		2483.819	34.23	32.71	66.94	-7.06	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 2M at Channel 2480MHz	Test Voltage	120V/60Hz



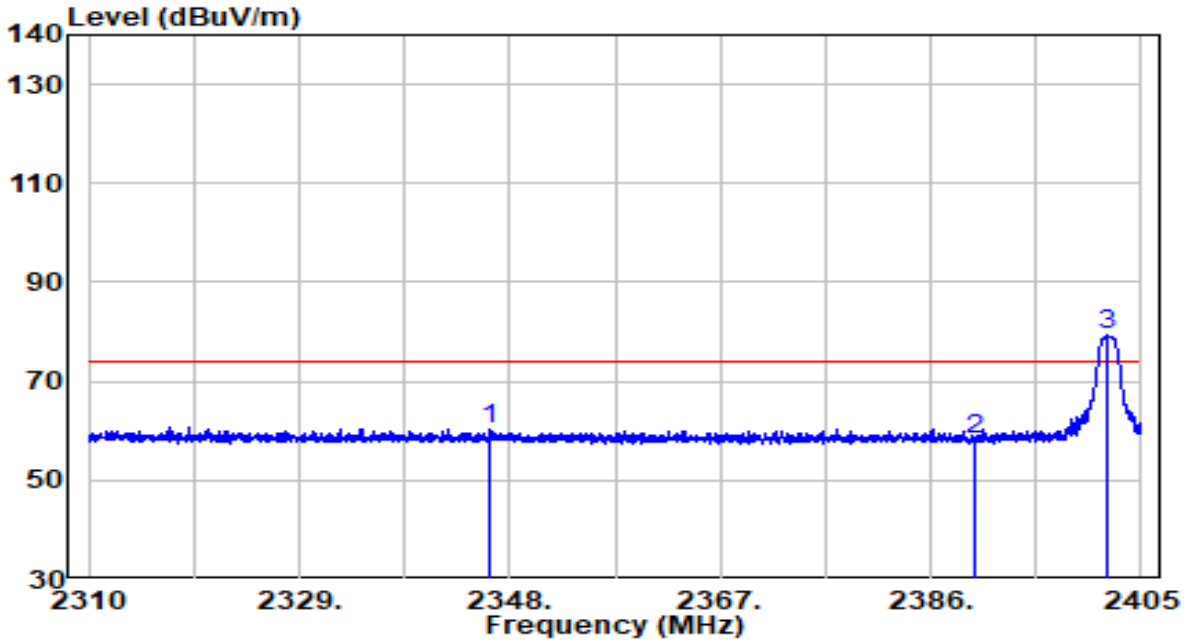
No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.101	67.67	32.69	100.36	N/A	N/A	Average
2		2483.500	19.87	32.71	52.58	-1.42	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

Bluetooth chip 0 External Antenna

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402MHz	Test Voltage	120V/60Hz

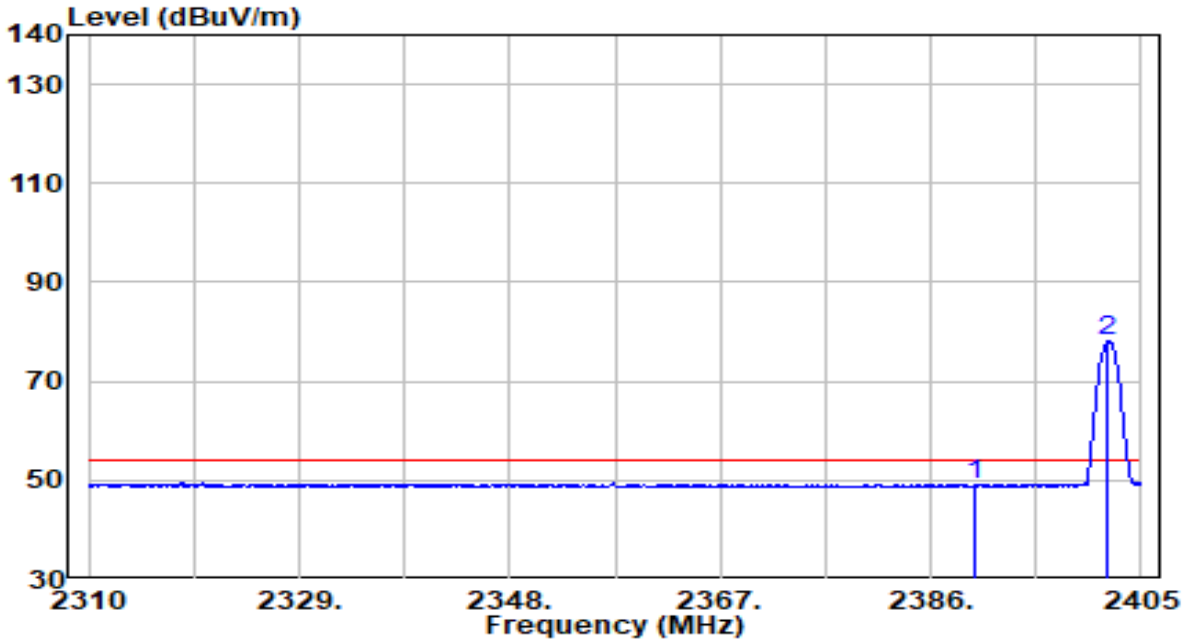


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2346.147	28.22	32.10	60.32	-13.68	74.00	Peak
2		2390.000	26.10	32.30	58.40	-15.60	74.00	Peak
3	*	2401.817	46.86	32.35	79.21	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402MHz	Test Voltage	120V/60Hz

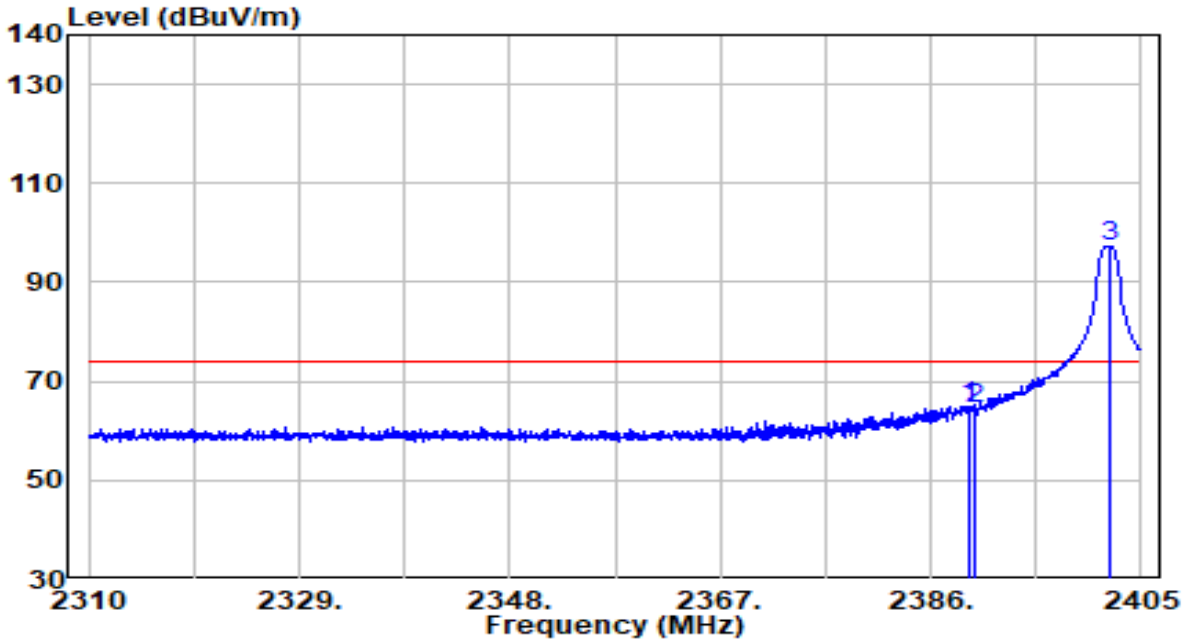


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	16.79	32.30	49.08	-4.92	54.00	Average
2	*	2402.008	45.90	32.35	78.25	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402MHz	Test Voltage	120V/60Hz

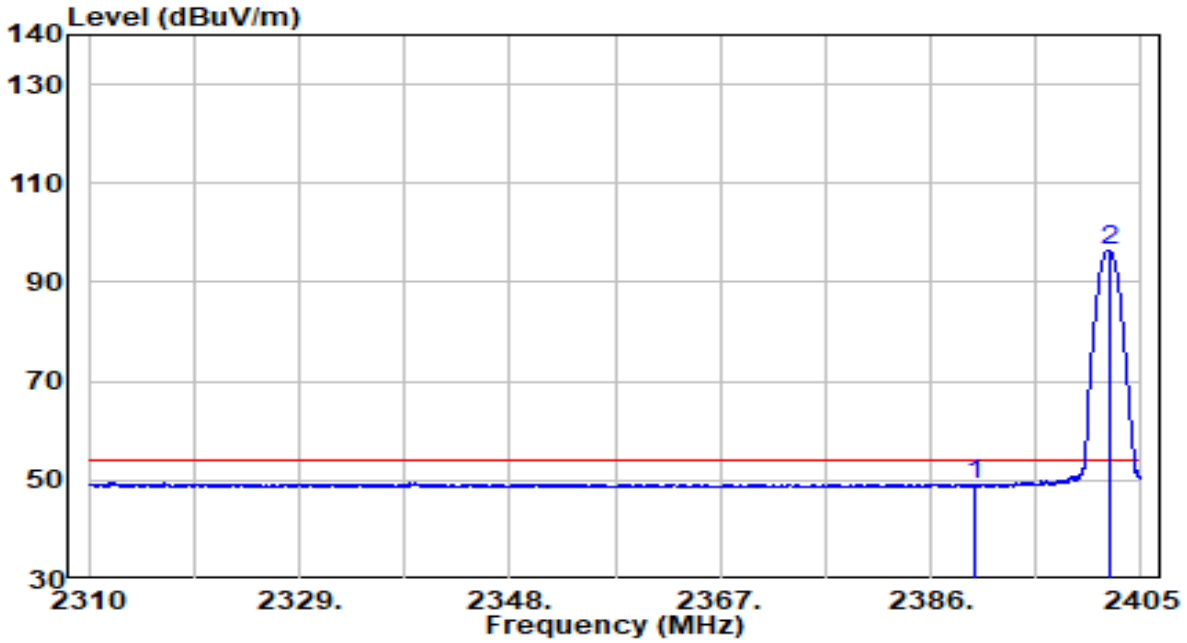


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.515	32.71	32.29	65.00	-9.00	74.00	Peak
2		2390.000	32.28	32.30	64.58	-9.42	74.00	Peak
3	*	2402.292	64.82	32.35	97.17	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402MHz	Test Voltage	120V/60Hz

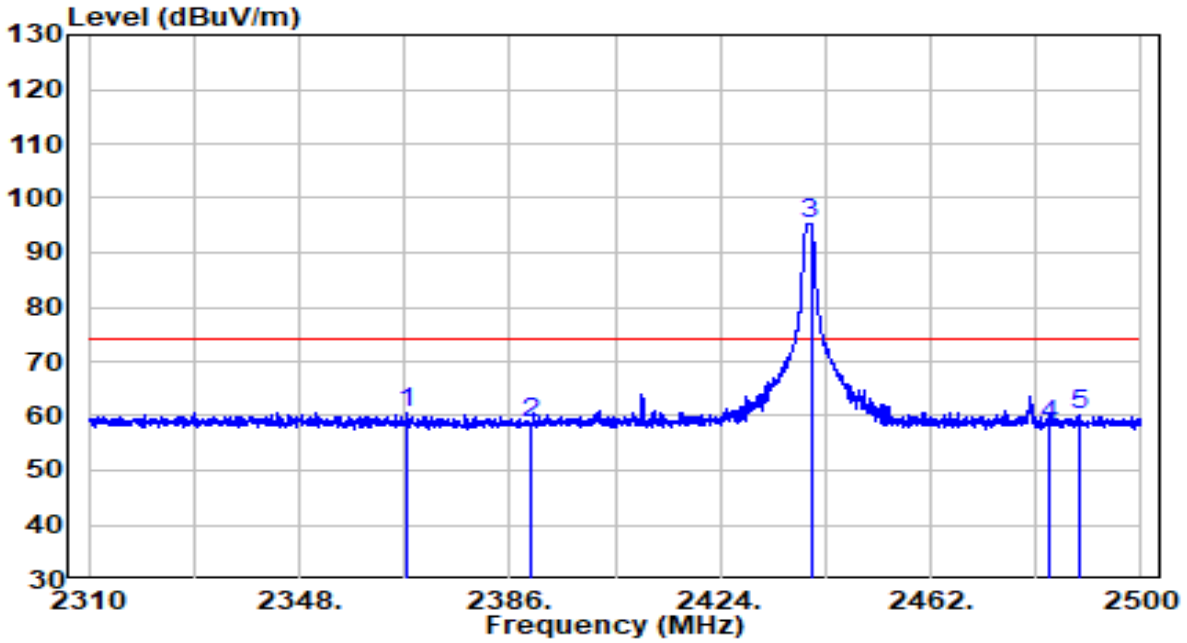


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	16.62	32.30	48.91	-5.09	54.00	Average
2	*	2402.103	64.23	32.35	96.58	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440MHz	Test Voltage	120V/60Hz

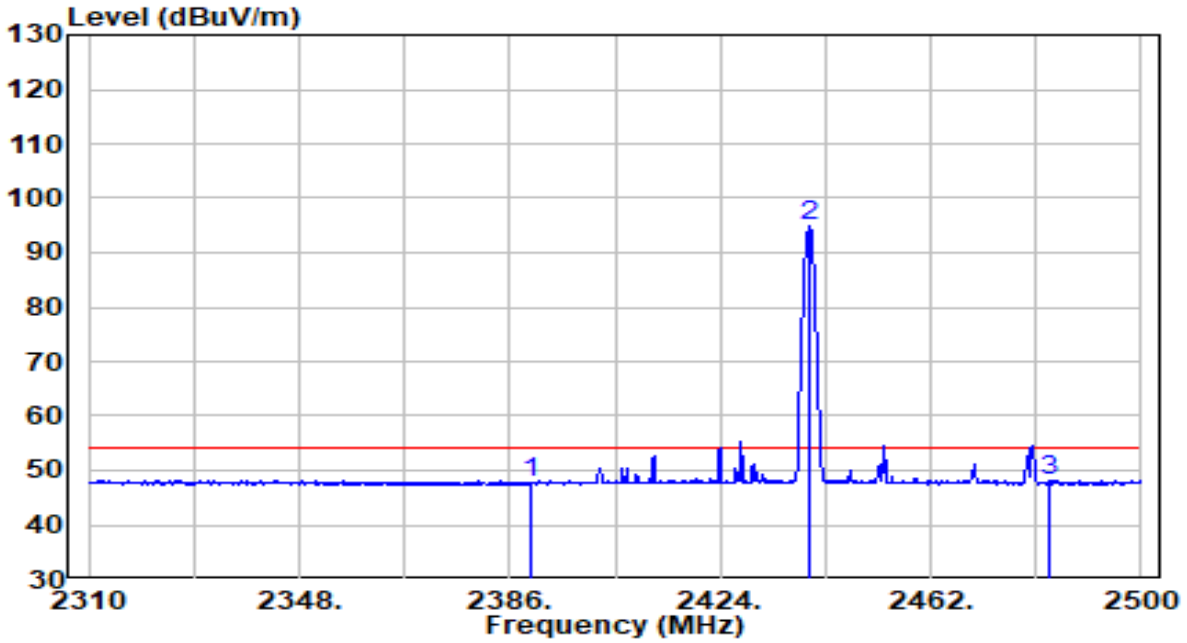


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2367.380	28.54	32.20	60.74	-13.26	74.00	Peak
2		2390.000	26.41	32.30	58.71	-15.29	74.00	Peak
3	*	2440.340	62.95	32.52	95.47	N/A	N/A	Peak
4		2483.500	25.56	32.71	58.27	-15.73	74.00	Peak
5		2488.695	27.36	32.73	60.09	-13.91	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440MHz	Test Voltage	120V/60Hz

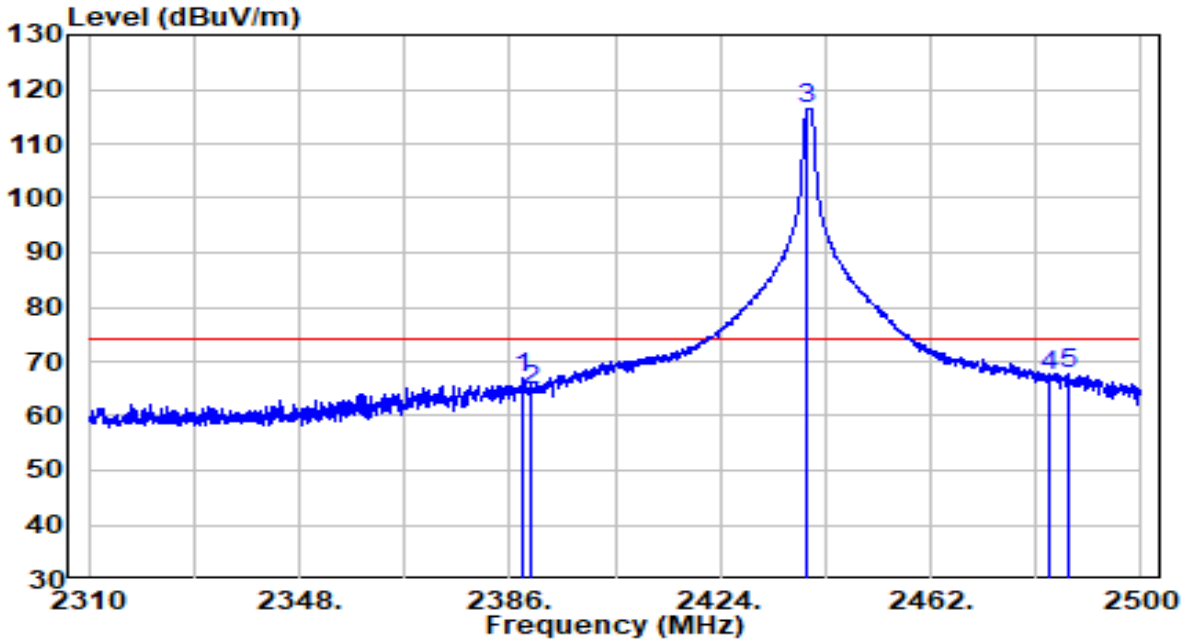


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	15.35	32.30	47.65	-6.35	54.00	Average
2	*	2440.150	62.27	32.52	94.79	N/A	N/A	Average
3		2483.500	15.27	32.71	47.98	-6.02	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440MHz	Test Voltage	120V/60Hz

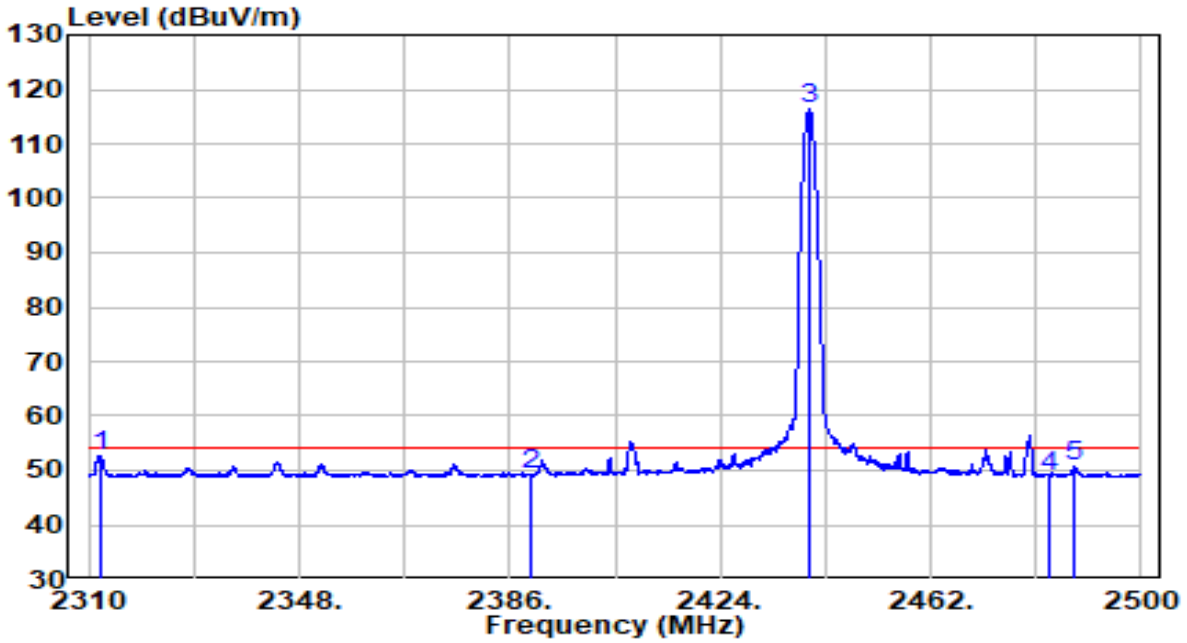


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2388.565	34.60	32.29	66.89	-7.11	74.00	Peak
2		2390.000	32.42	32.30	64.71	-9.29	74.00	Peak
3	*	2439.770	84.05	32.51	116.57	N/A	N/A	Peak
4		2483.500	34.61	32.71	67.32	-6.68	74.00	Peak
5		2486.700	35.19	32.72	67.91	-6.09	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440MHz	Test Voltage	120V/60Hz

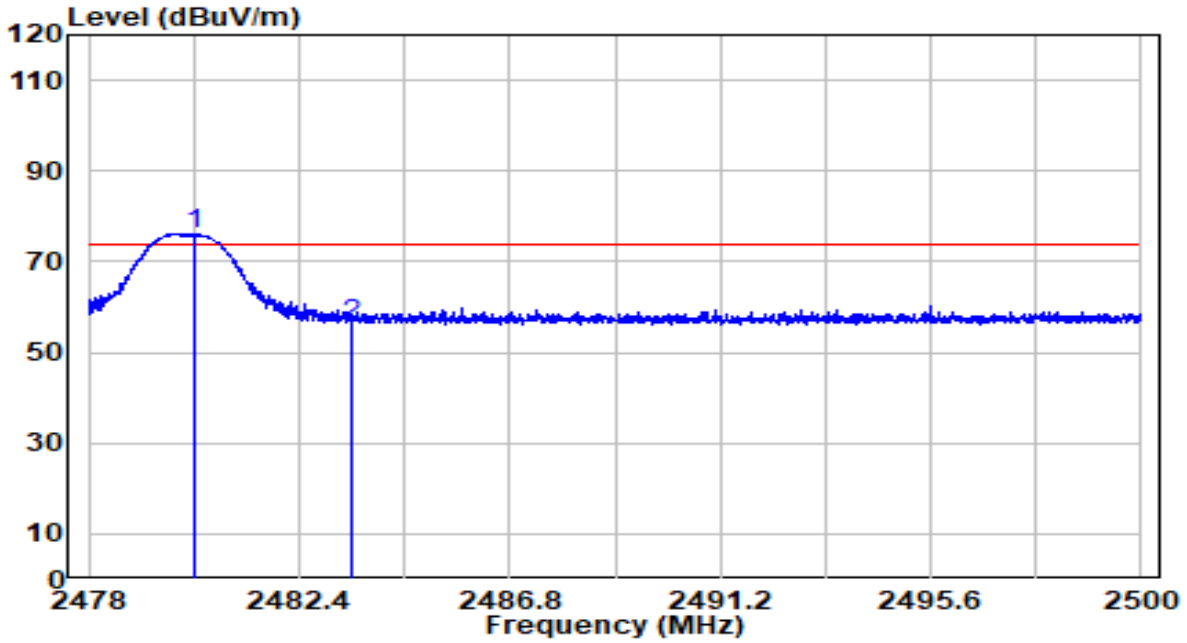


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2311.995	20.61	31.95	52.56	-1.44	54.00	Average
2		2390.000	16.91	32.30	49.21	-4.79	54.00	Average
3	*	2440.055	83.72	32.52	116.23	N/A	N/A	Average
4		2483.500	16.33	32.71	49.04	-4.96	54.00	Average
5		2488.030	17.88	32.73	50.61	-3.39	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480Mhz	Test Voltage	120V/60Hz

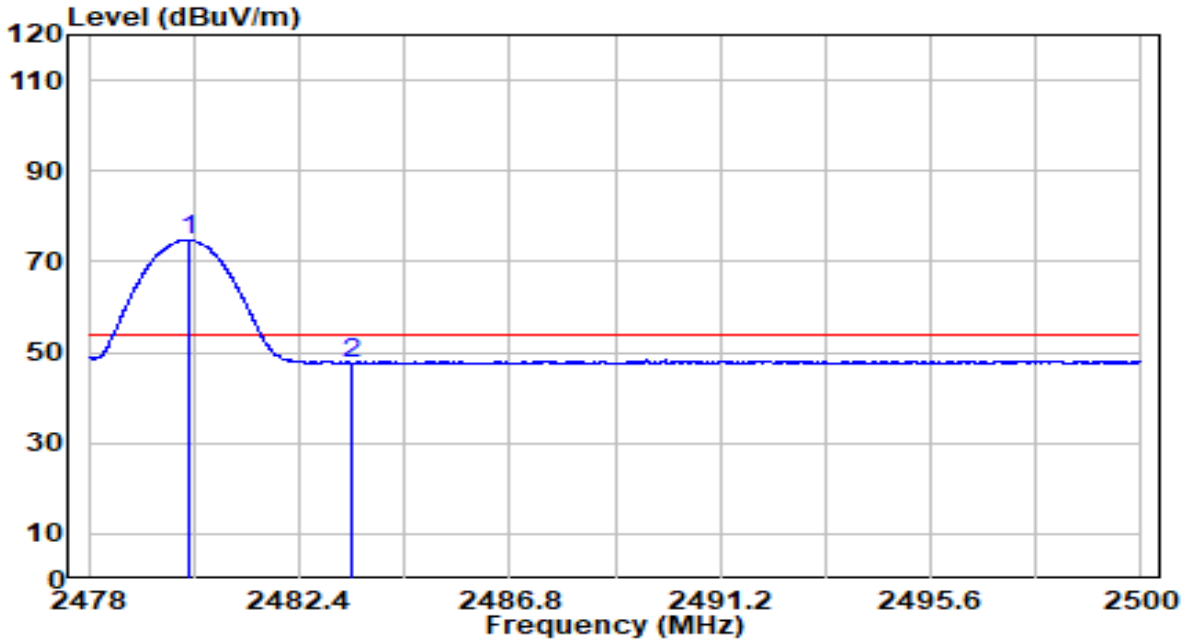


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.222	43.43	32.69	76.12	N/A	N/A	Peak
2		2483.500	23.58	32.71	56.28	-17.72	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480Mhz	Test Voltage	120V/60Hz

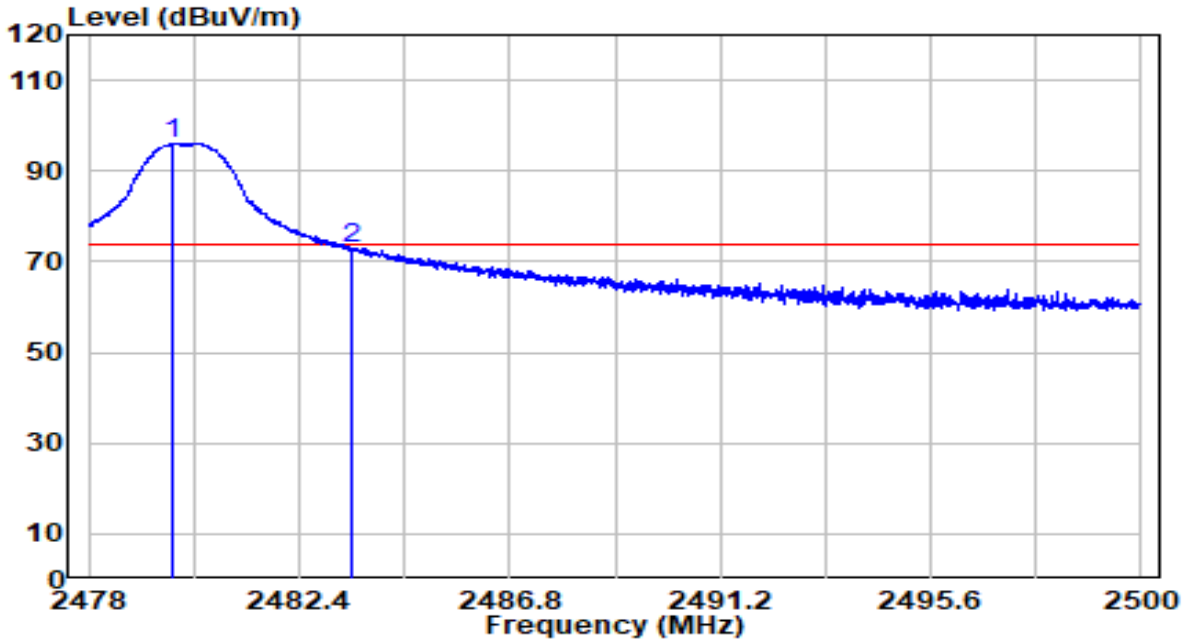


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.112	42.10	32.69	74.79	N/A	N/A	Peak
2		2483.500	14.90	32.71	47.61	-6.39	54.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480Mhz	Test Voltage	120V/60Hz

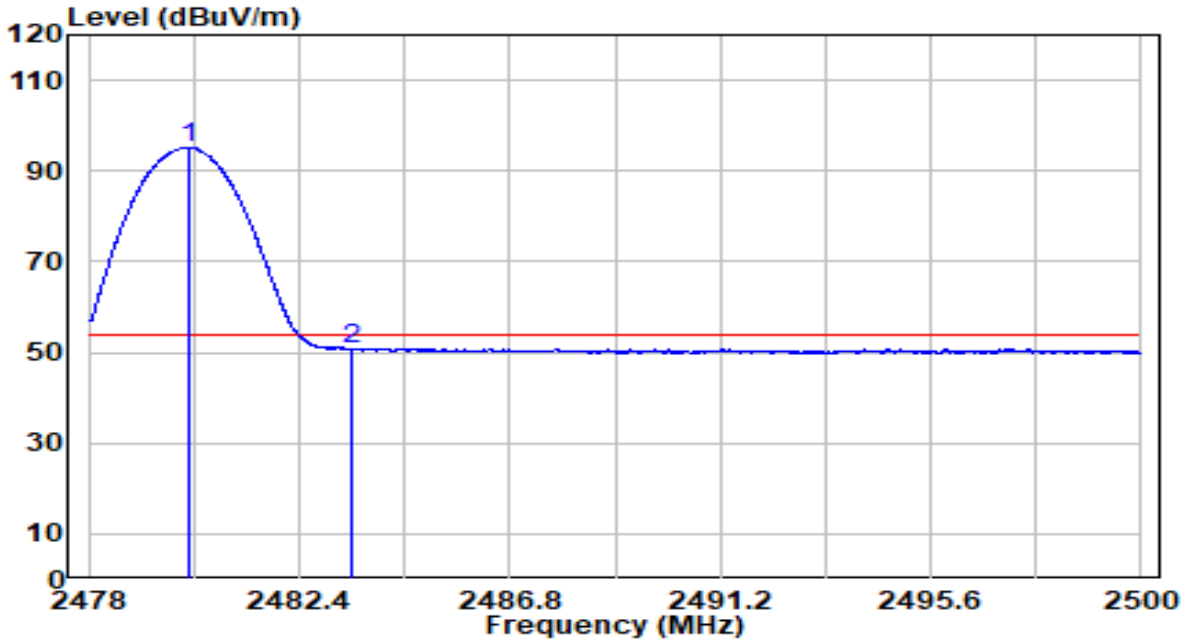


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2479.749	63.26	32.69	95.95	N/A	N/A	Peak
2		2483.500	40.23	32.71	72.94	-1.06	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480Mhz	Test Voltage	120V/60Hz

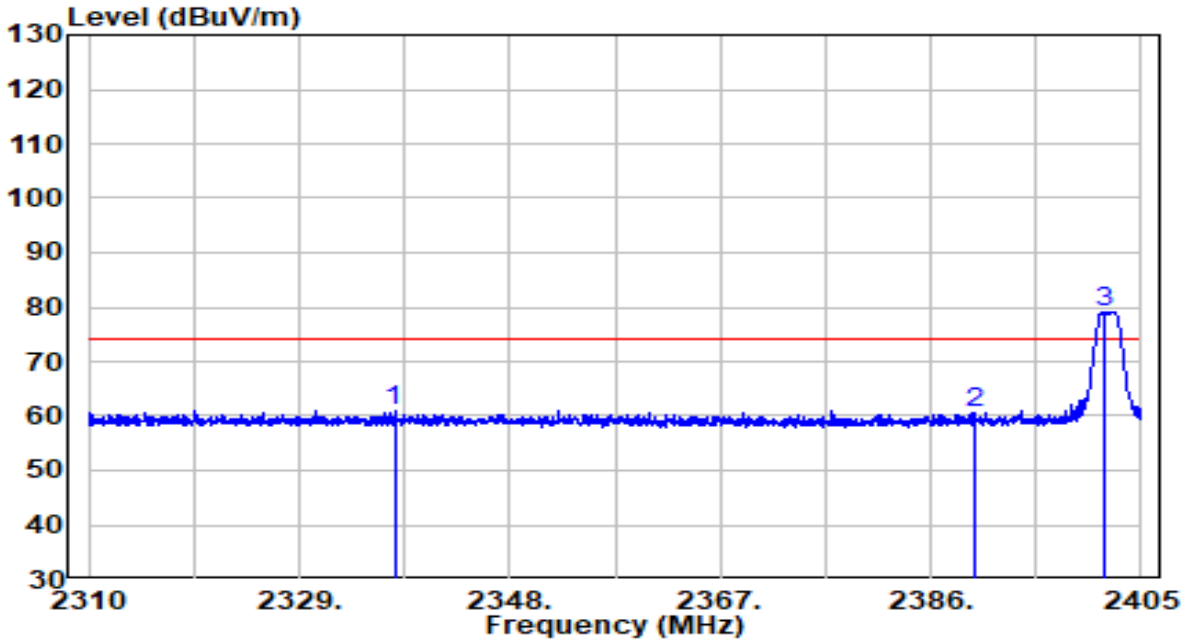


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.090	62.46	32.69	95.15	N/A	N/A	Peak
2		2483.500	18.00	32.71	50.71	-3.29	54.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402MHz	Test Voltage	120V/60Hz

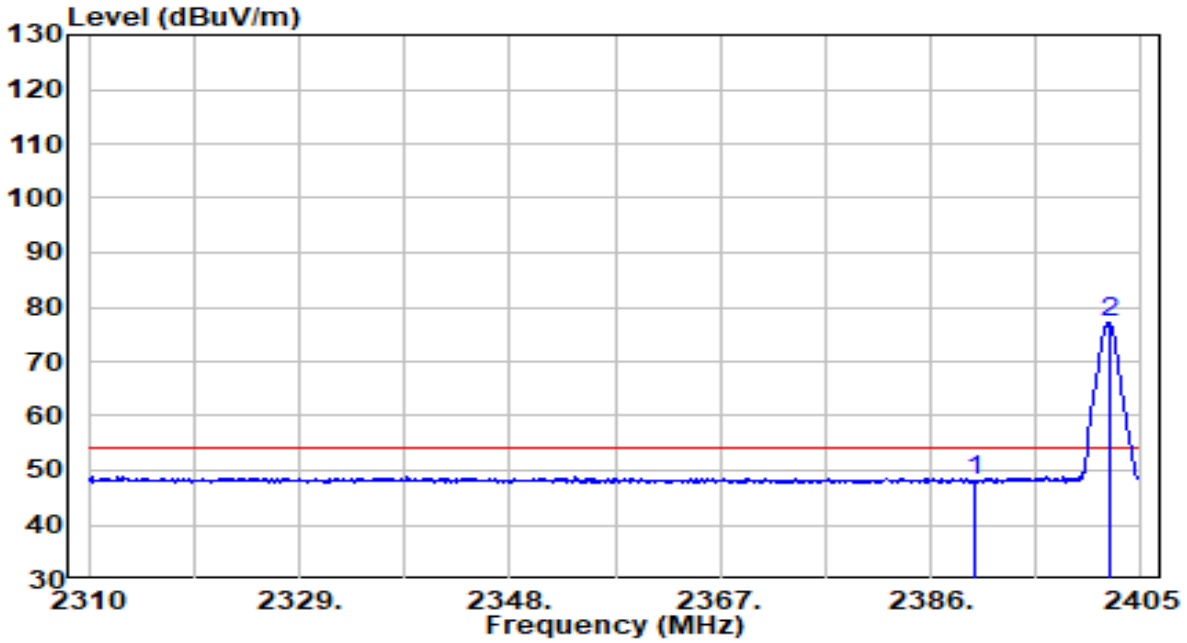


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2337.597	28.86	32.07	60.92	-13.08	74.00	Peak
2		2390.000	28.18	32.30	60.48	-13.52	74.00	Peak
3	*	2401.627	46.88	32.35	79.23	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402MHz	Test Voltage	120V/60Hz

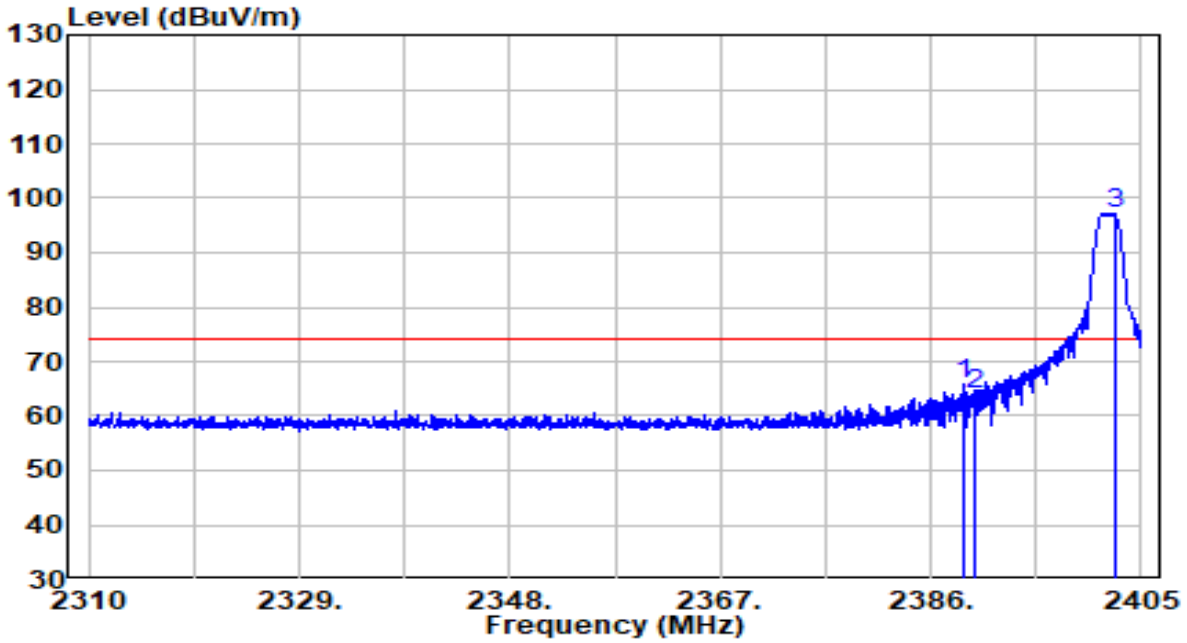


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	15.69	32.30	47.98	-6.02	54.00	Average
2	*	2402.103	44.93	32.35	77.28	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402MHz	Test Voltage	120V/60Hz

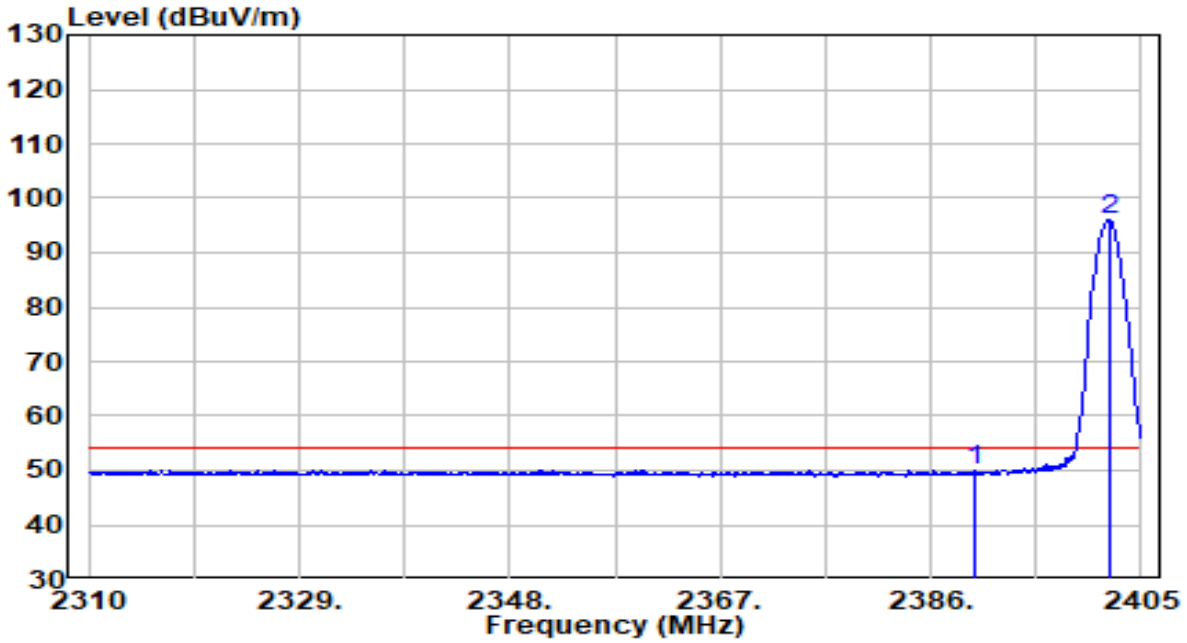


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.087	33.40	32.29	65.70	-8.30	74.00	Peak
2		2390.000	31.52	32.30	63.81	-10.19	74.00	Peak
3	*	2402.577	64.81	32.35	97.16	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2402MHz	Test Voltage	120V/60Hz

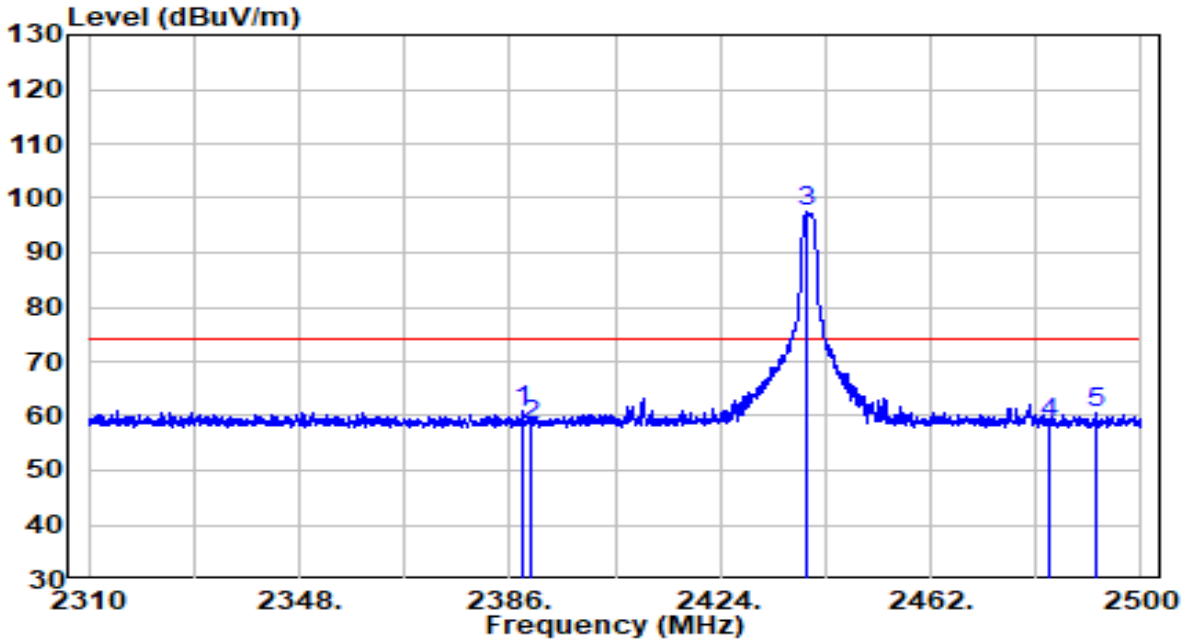


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	17.57	32.30	49.87	-4.13	54.00	Average
2	*	2402.103	63.67	32.35	96.02	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440MHz	Test Voltage	120V/60Hz

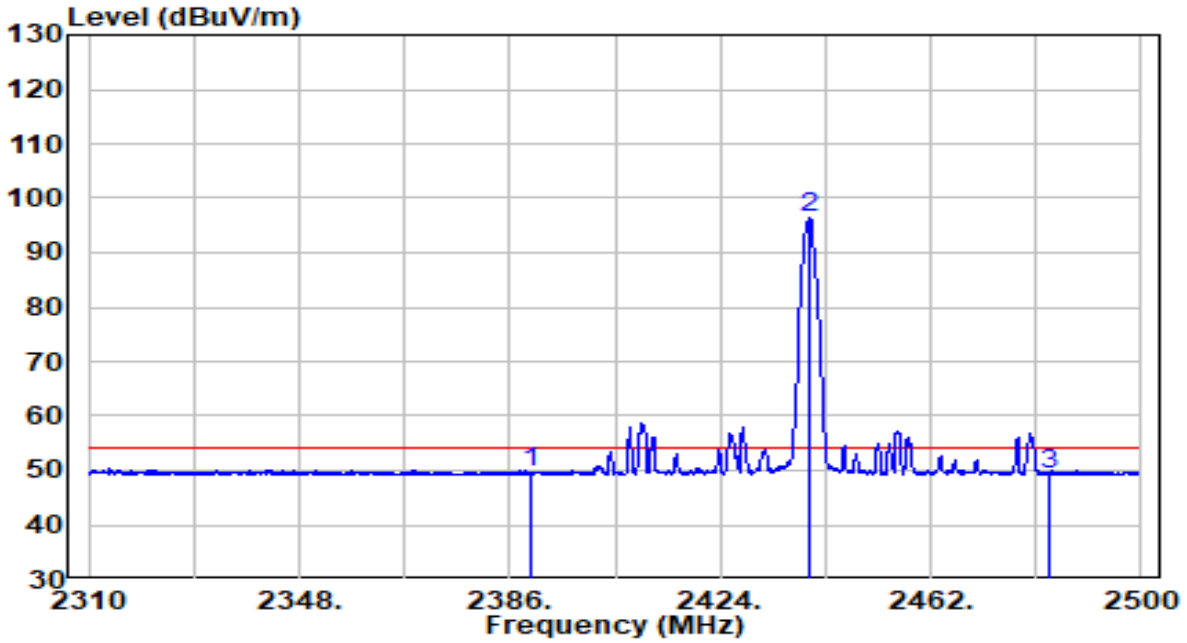


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2388.375	28.62	32.29	60.91	-13.09	74.00	Peak
2		2390.000	26.13	32.30	58.43	-15.57	74.00	Peak
3	*	2439.580	64.93	32.51	97.44	N/A	N/A	Peak
4		2483.500	25.89	32.71	58.60	-15.40	74.00	Peak
5		2491.735	27.75	32.74	60.50	-13.50	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440MHz	Test Voltage	120V/60Hz

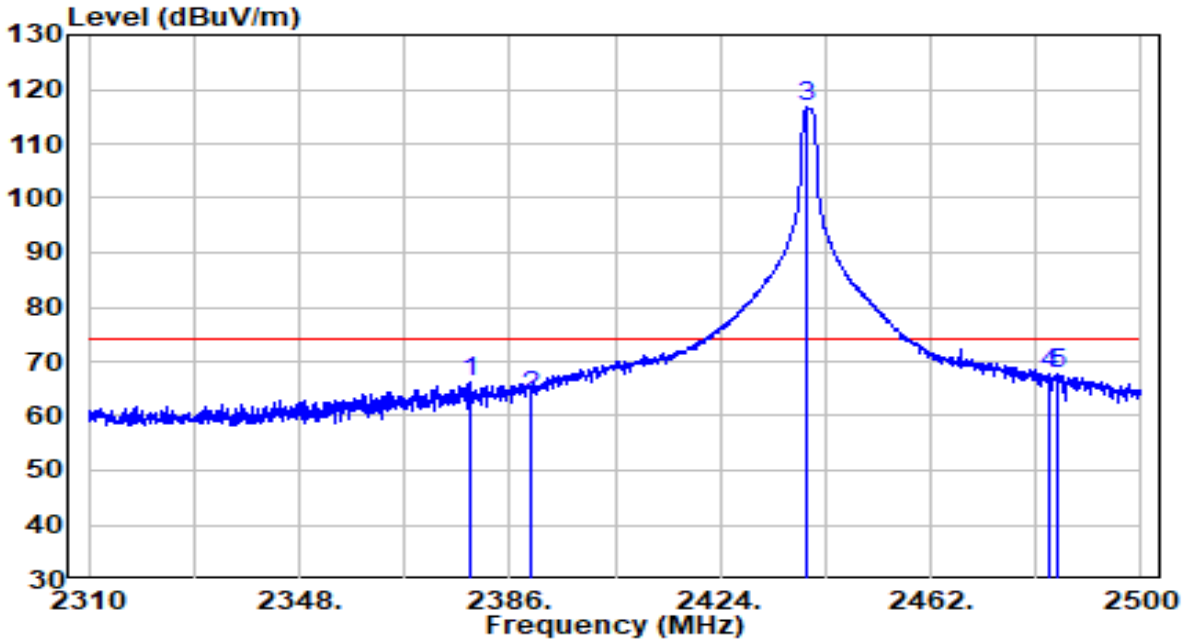


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	17.17	32.30	49.47	-4.53	54.00	Average
2	*	2440.055	63.79	32.52	96.31	N/A	N/A	Average
3		2483.500	16.51	32.71	49.22	-4.78	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440MHz	Test Voltage	120V/60Hz

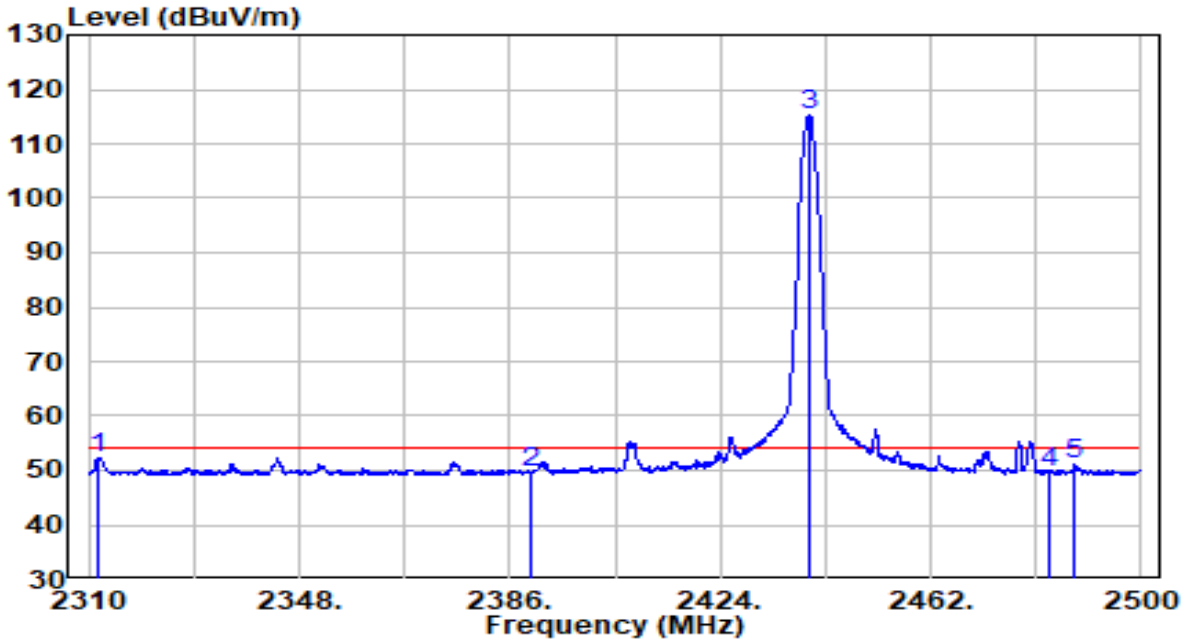


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2378.970	34.01	32.25	66.26	-7.74	74.00	Peak
2		2390.000	31.21	32.30	63.51	-10.49	74.00	Peak
3	*	2439.580	84.12	32.51	116.63	N/A	N/A	Peak
4		2483.500	35.08	32.71	67.78	-6.22	74.00	Peak
5		2484.990	34.97	32.71	67.68	-6.32	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2440MHz	Test Voltage	120V/60Hz

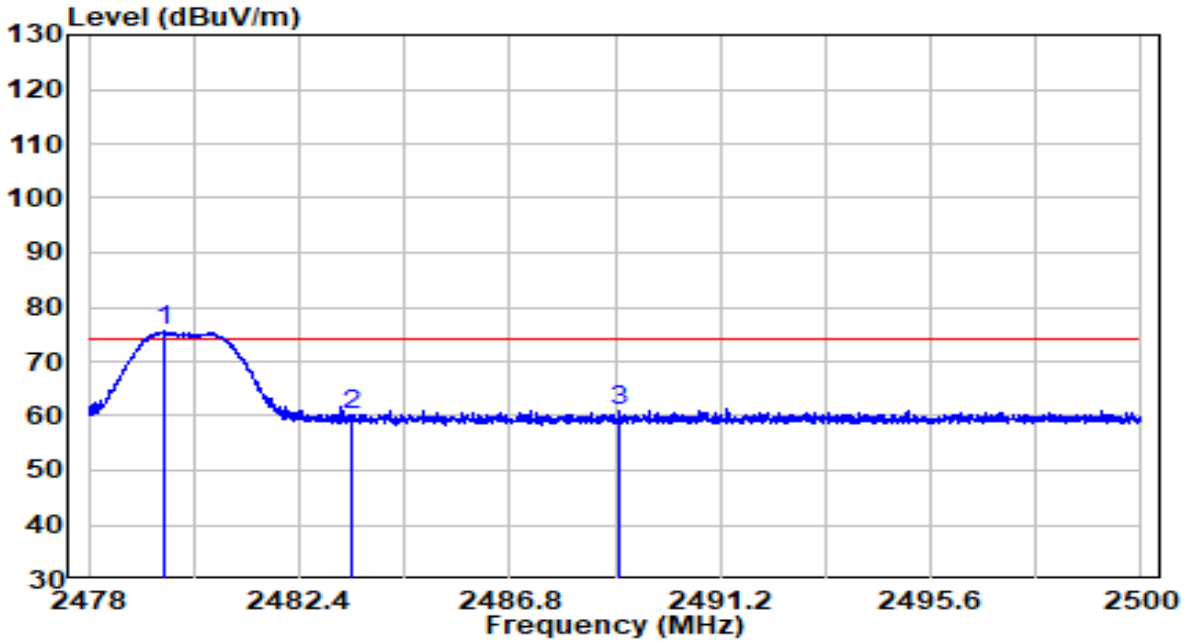


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2311.900	20.41	31.95	52.37	-1.63	54.00	Average
2		2390.000	17.31	32.30	49.60	-4.40	54.00	Average
3	*	2440.150	82.83	32.52	115.35	N/A	N/A	Average
4		2483.530	16.97	32.71	49.68	-4.32	54.00	Average
5		2487.840	18.41	32.73	51.14	-2.86	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480MHz	Test Voltage	120V/60Hz

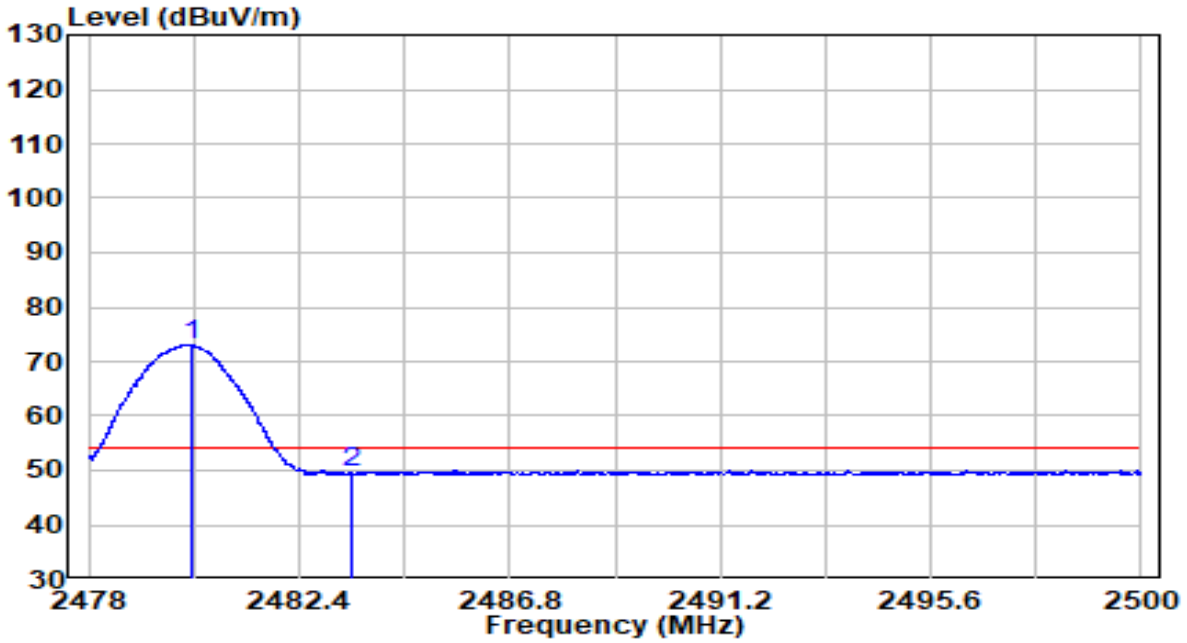


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2479.584	42.80	32.69	75.49	N/A	N/A	Peak
2		2483.500	27.41	32.71	60.12	-13.88	74.00	Peak
3		2489.077	28.23	32.73	60.96	-13.04	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480MHz	Test Voltage	120V/60Hz

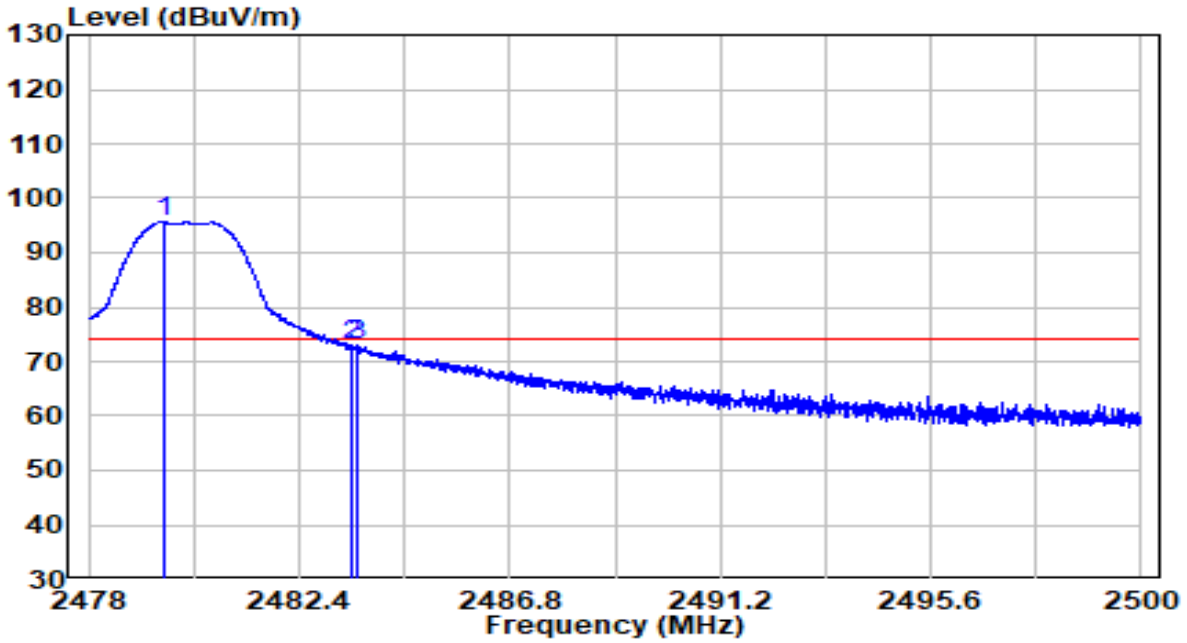


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.134	40.36	32.69	73.05	N/A	N/A	Average
2		2483.500	16.85	32.71	49.56	-4.44	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Cassia Bluetooth Router	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	22.2°C/44.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by BLE 1M at Channel 2480MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2479.573	62.93	32.69	95.62	N/A	N/A	Peak
2		2483.500	40.18	32.71	72.89	-1.11	74.00	Peak
3		2483.621	40.33	32.71	73.03	-0.97	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.