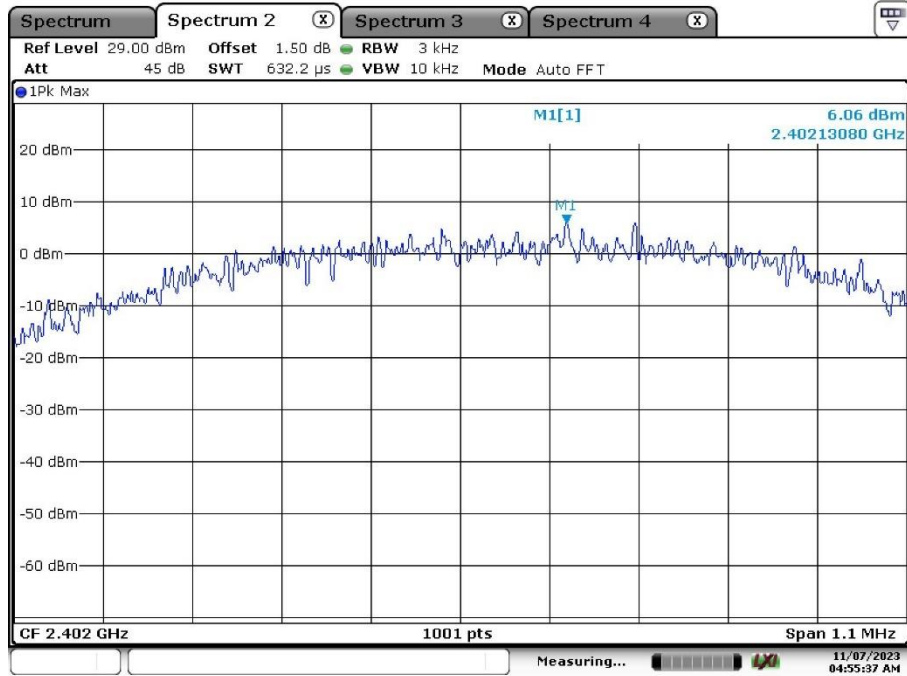


## Appendix A: Test Results of Bluetooth Low Energy

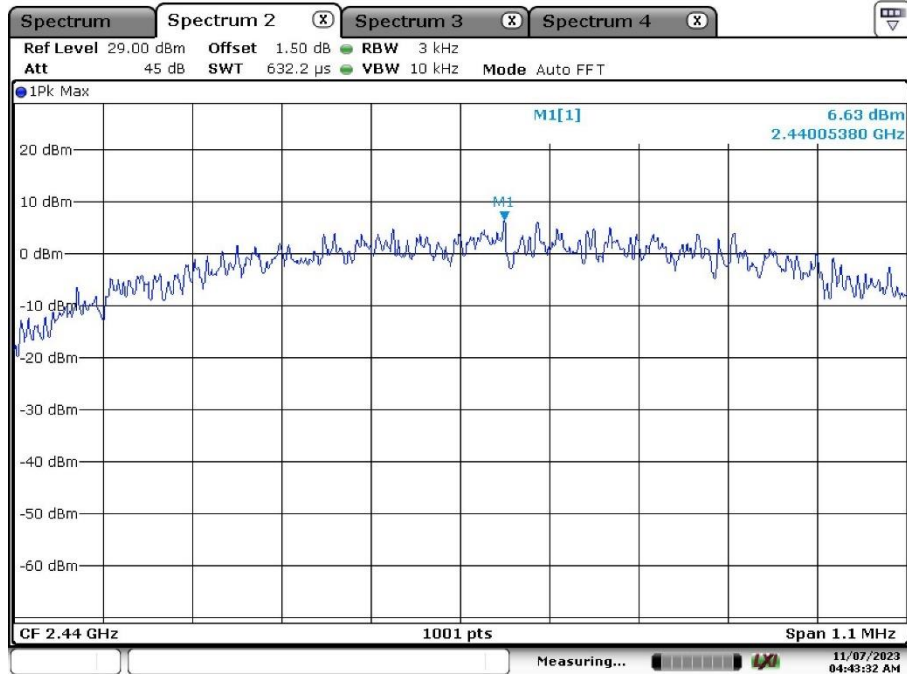
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### Appendix A.1: Test Results of Conducted Power Spectral Density

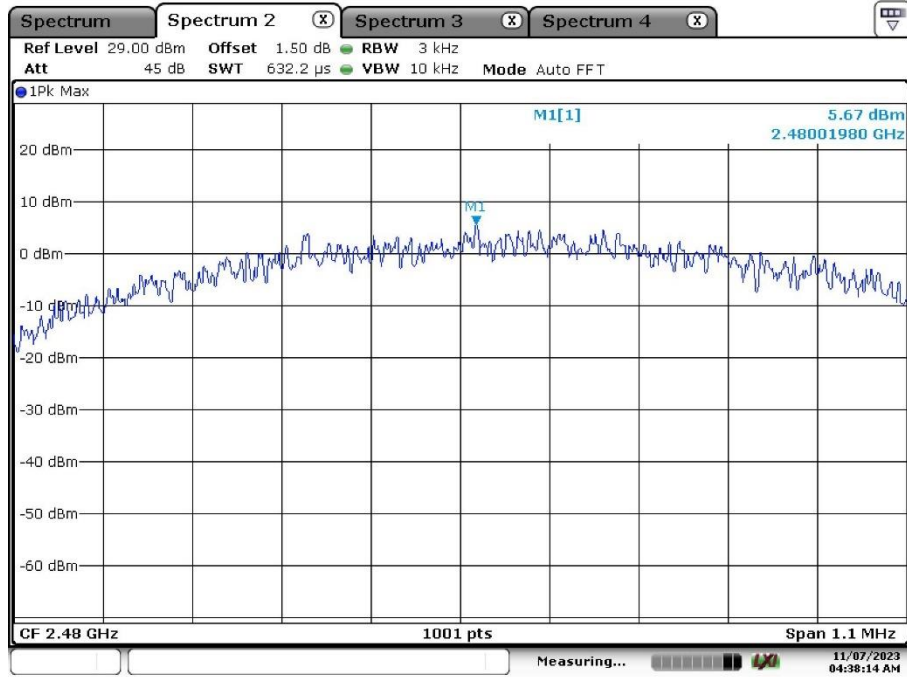
Bluetooth LE Mode, 1Mbps



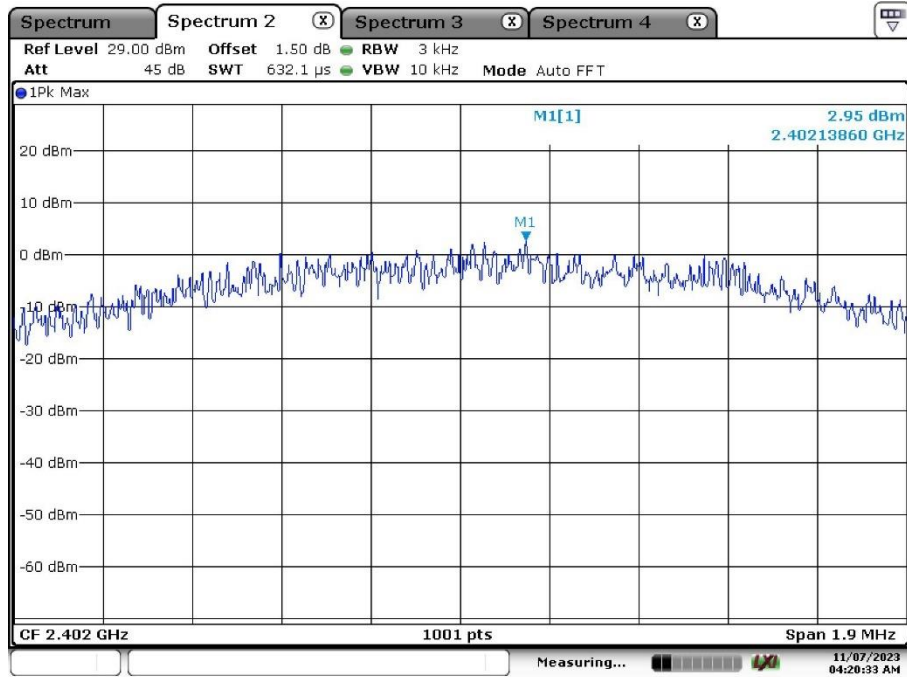
Date: 7.NOV.2023 04:55:37

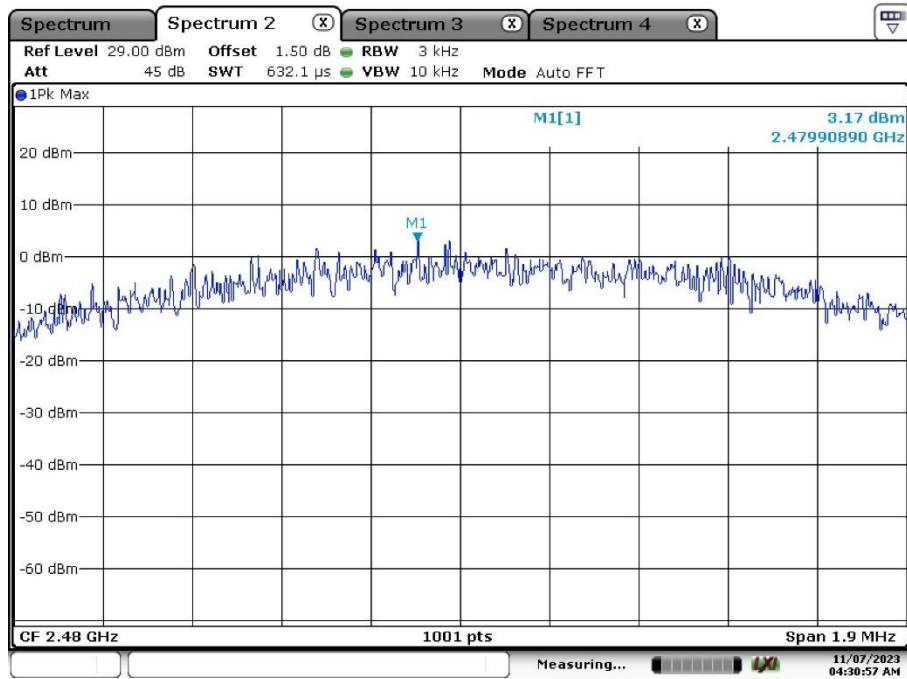
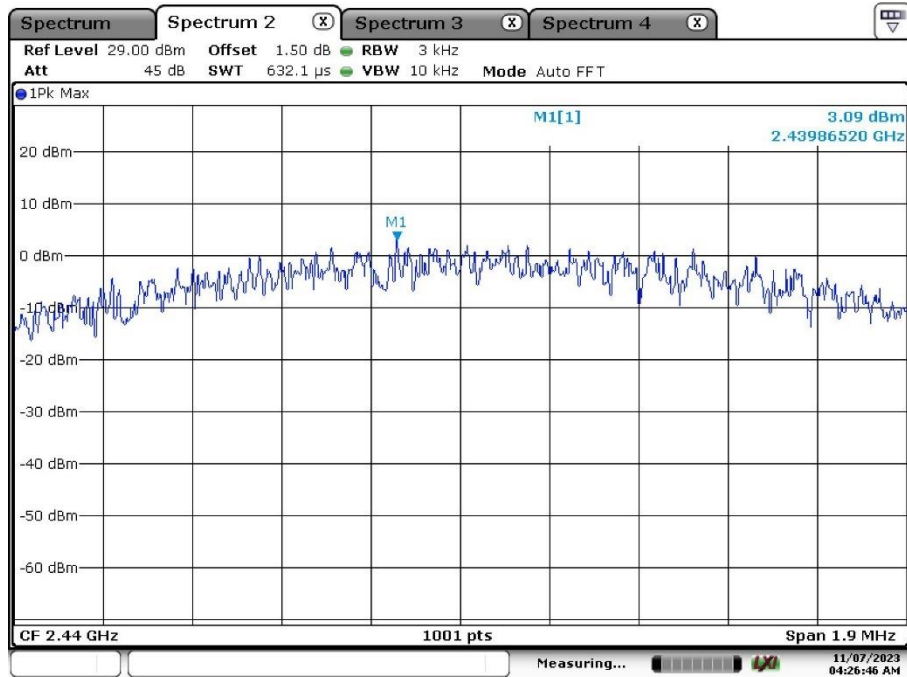


Date: 7.NOV.2023 04:43:32



Bluetooth LE Mode, 2Mbps





## Appendix A.2: Test Results of 6dB Bandwidth

Bluetooth LE Mode, 1Mbps

### Minimum Emission Bandwidth 6 dB (2402 MHz; 20.000 dBm; 1 MHz)

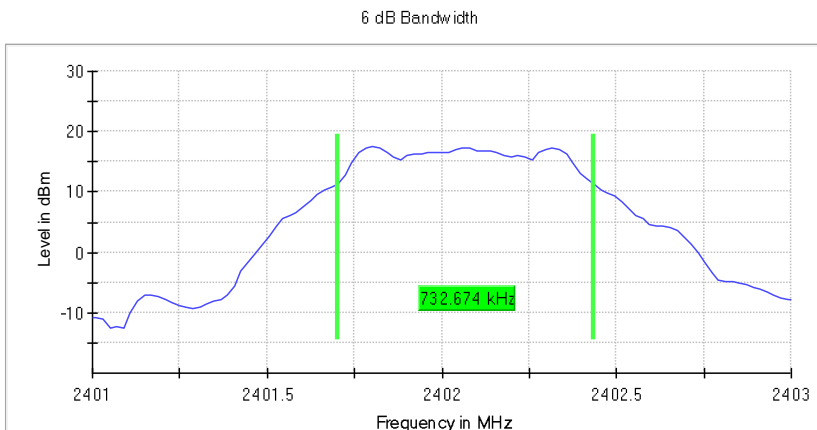
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

#### 6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	0.732674	0.500000	---	2401.702970	2402.435644

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2402.000000	17.6	PASS



#### Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40100 GHz	2.40100 GHz
Stop Frequency	2.40300 GHz	2.40300 GHz
Span	2.000 MHz	2.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 40
Sweeptime	18.938 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	10 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.21 dB	0.50 dB

**Minimum Emission Bandwidth 6 dB (2440 MHz; 20.000 dBm; 1 MHz)**

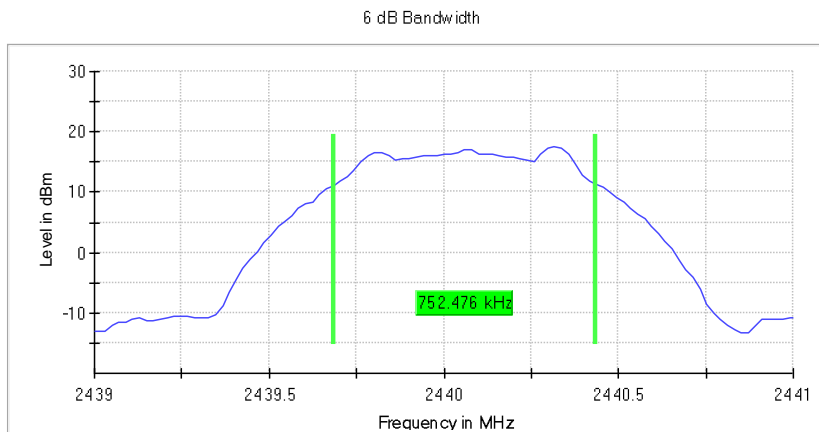
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

**6 dB Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	0.752476	0.500000	---	2439.683168	2440.435644

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2440.000000	17.5	PASS



**Measurement**

Setting	Instrument Value	Target Value
Start Frequency	2.43900 GHz	2.43900 GHz
Stop Frequency	2.44100 GHz	2.44100 GHz
Span	2.000 MHz	2.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 40
Sweeptime	18.938 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	8 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.42 dB	0.50 dB

**Minimum Emission Bandwidth 6 dB (2480 MHz; 20.000 dBm; 1 MHz)**

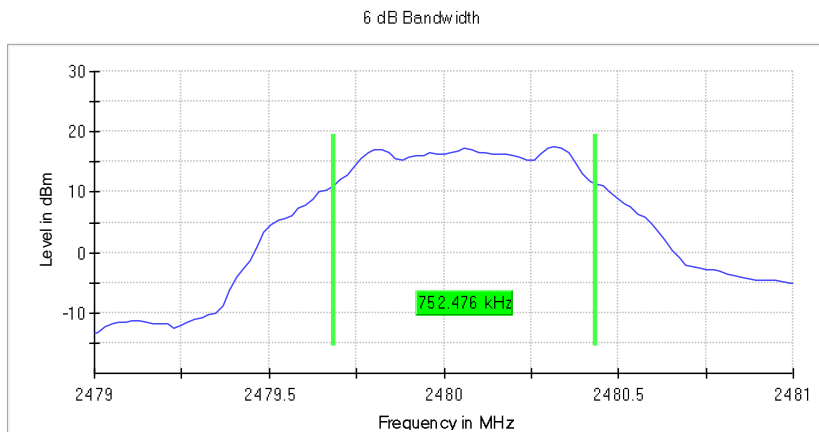
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

**6 dB Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	0.752476	0.500000	---	2479.683168	2480.435644

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2480.000000	17.5	PASS



**Measurement**

Setting	Instrument Value	Target Value
Start Frequency	2.47900 GHz	2.47900 GHz
Stop Frequency	2.48100 GHz	2.48100 GHz
Span	2.000 MHz	2.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 40
Sweeptime	18.938 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	13 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.01 dB	0.50 dB

Bluetooth LE Mode, 2Mbps

**Minimum Emission Bandwidth 6 dB (2402 MHz; 20.000 dBm; 2 MHz)**

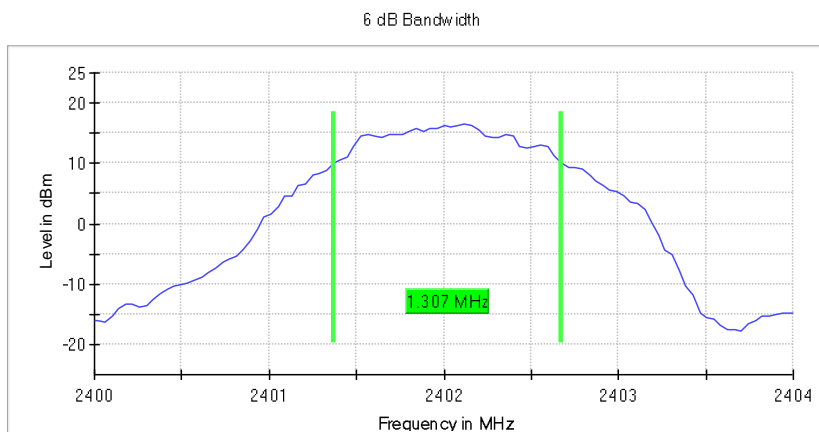
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

**6 dB Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	1.306930	0.500000	---	2401.366337	2402.673267

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2402.000000	16.6	PASS



**Measurement**

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.40400 GHz	2.40400 GHz
Span	4.000 MHz	4.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 80
Sweeptime	18.938 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	10 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.03 dB	0.50 dB



### Minimum Emission Bandwidth 6 dB (2440 MHz; 20.000 dBm; 2 MHz)

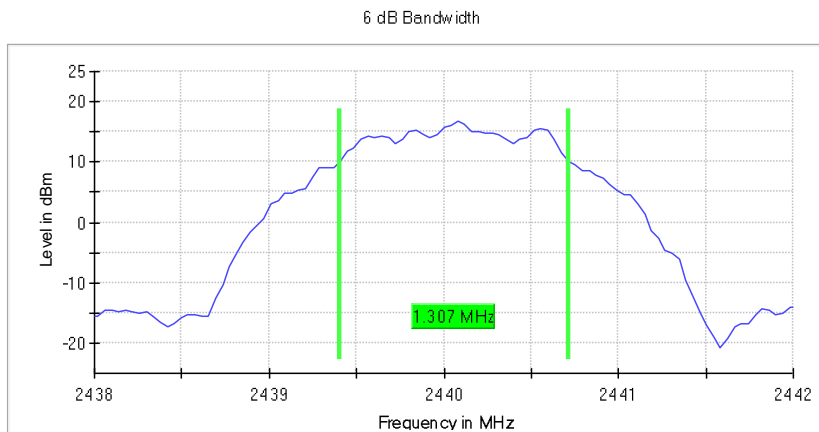
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

#### 6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	1.306930	0.500000	---	2439.405941	2440.712871

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2440.000000	16.9	PASS



#### Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43800 GHz	2.43800 GHz
Stop Frequency	2.44200 GHz	2.44200 GHz
Span	4.000 MHz	4.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 80
Sweeptime	18.938 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	12 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.14 dB	0.50 dB

**Minimum Emission Bandwidth 6 dB (2480 MHz; 20.000 dBm; 2 MHz)**

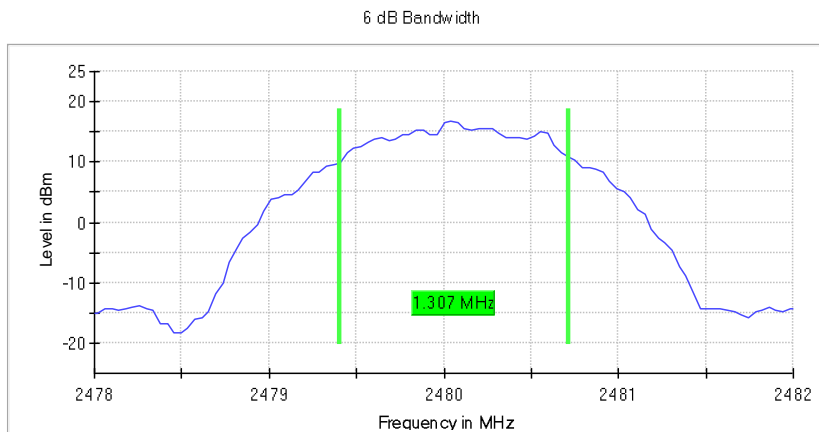
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

**6 dB Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	1.306930	0.500000	---	2479.405941	2480.712871

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2480.000000	16.9	PASS



**Measurement**

Setting	Instrument Value	Target Value
Start Frequency	2.47800 GHz	2.47800 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	4.000 MHz	4.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 80
Sweeptime	18.938 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	12 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.05 dB	0.50 dB

### Appendix A.3: Test Results of 99% Bandwidth

Bluetooth LE Mode, 1Mbps

#### Occupied Channel Bandwidth 99% (2402 MHz; 20.000 dBm; 1 MHz)

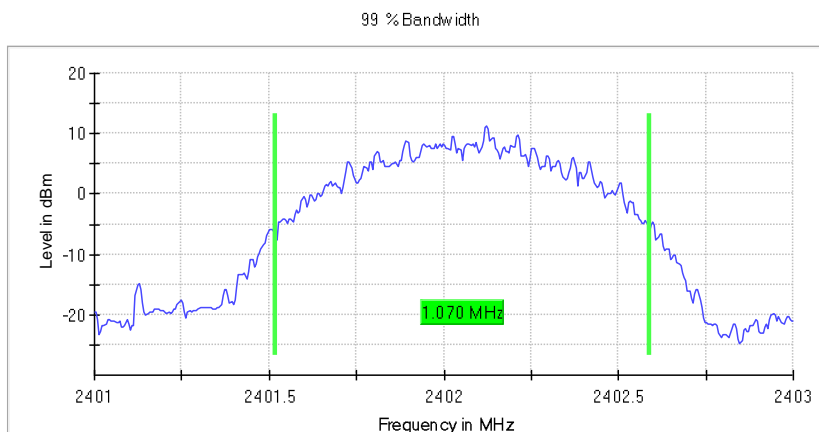
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

#### 99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	1.070000	---	---	2401.517500	2402.587500

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2402.000000	PASS



#### Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40100 GHz	2.40100 GHz
Stop Frequency	2.40300 GHz	2.40300 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
Sweeptime	189.648 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	8 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.11 dB	0.30 dB

**Occupied Channel Bandwidth 99% (2440 MHz; 20.000 dBm; 1 MHz)**

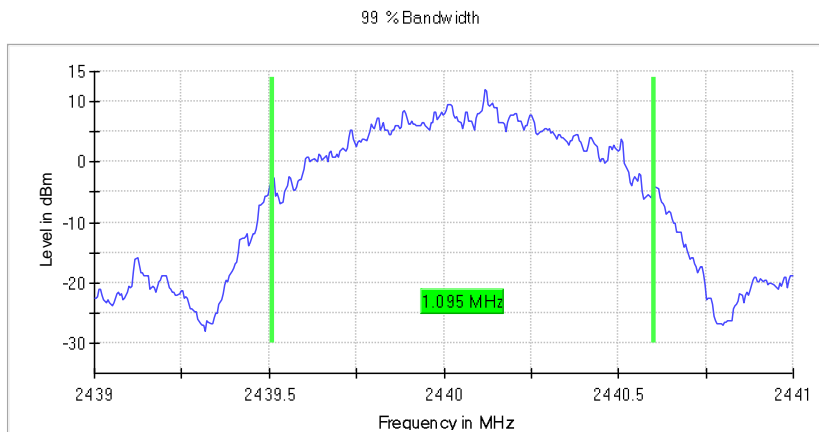
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

**99 % Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	1.095000	---	---	2439.507500	2440.602500

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2440.000000	PASS



**Measurement**

Setting	Instrument Value	Target Value
Start Frequency	2.43900 GHz	2.43900 GHz
Stop Frequency	2.44100 GHz	2.44100 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
Sweeptime	189.648 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	9 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.19 dB	0.30 dB

**Occupied Channel Bandwidth 99% (2480 MHz; 20.000 dBm; 1 MHz)**

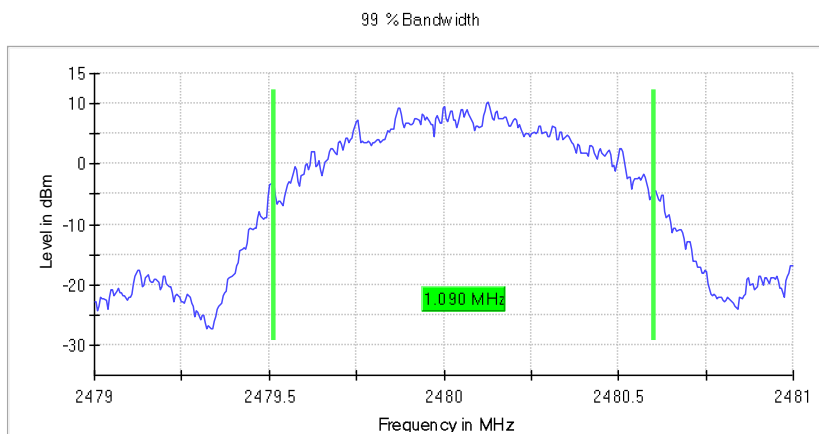
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

**99 % Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	1.090000	---	---	2479.512500	2480.602500

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2480.000000	PASS



**Measurement**

Setting	Instrument Value	Target Value
Start Frequency	2.47900 GHz	2.47900 GHz
Stop Frequency	2.48100 GHz	2.48100 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
Sweeptime	189.648 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	11 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.24 dB	0.30 dB

Bluetooth LE Mode, 2Mbps

**Occupied Channel Bandwidth 99% (2402 MHz; 20.000 dBm; 2 MHz)**

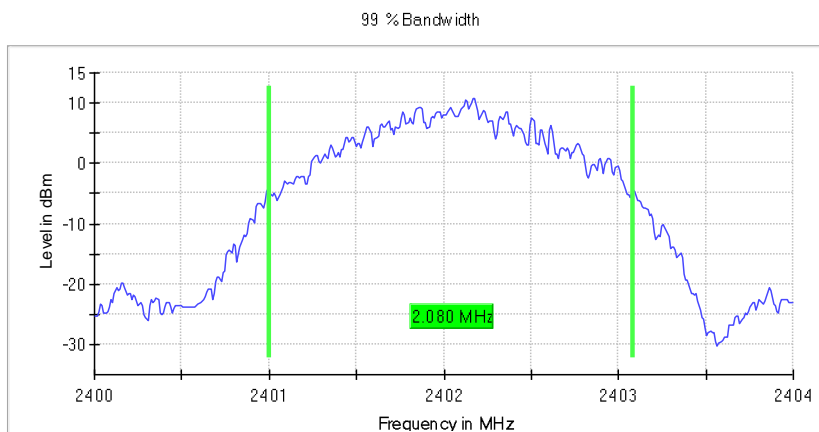
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

**99 % Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	2.080000	---	---	2401.005000	2403.085000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2402.000000	PASS



**Measurement**

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.40400 GHz	2.40400 GHz
Span	4.000 MHz	4.000 MHz
RBW	20.000 kHz	>= 20.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	400	~ 400
Sweeptime	94.824 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	12 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.16 dB	0.30 dB

**Occupied Channel Bandwidth 99% (2440 MHz; 20.000 dBm; 2 MHz)**

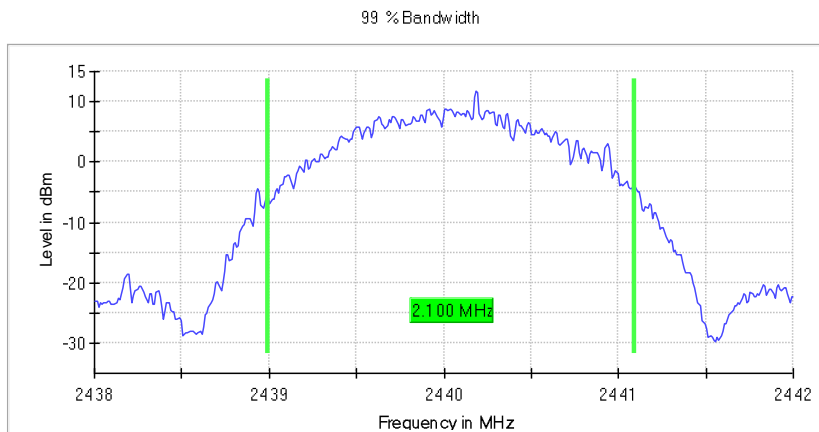
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

**99 % Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	2.100000	---	---	2438.995000	2441.095000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2440.000000	PASS



**Measurement**

Setting	Instrument Value	Target Value
Start Frequency	2.43800 GHz	2.43800 GHz
Stop Frequency	2.44200 GHz	2.44200 GHz
Span	4.000 MHz	4.000 MHz
RBW	20.000 kHz	>= 20.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	400	~ 400
Sweeptime	94.824 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	12 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.11 dB	0.30 dB

**Occupied Channel Bandwidth 99% (2480 MHz; 20.000 dBm; 2 MHz)**

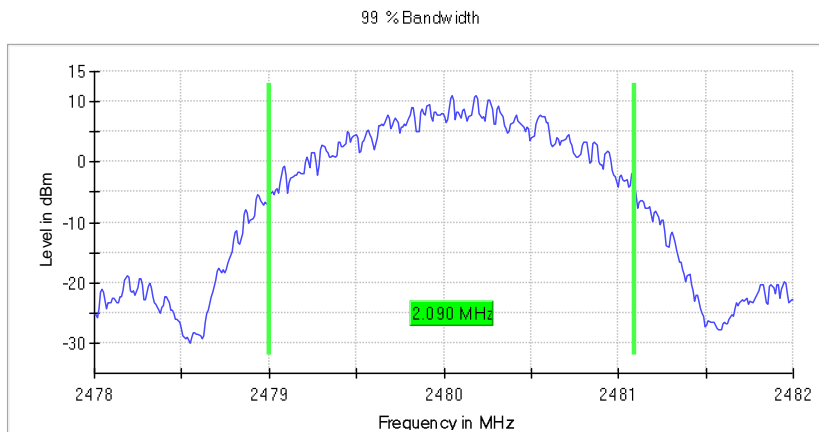
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

**99 % Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	2.090000	---	---	2479.005000	2481.095000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2480.000000	PASS



**Measurement**

Setting	Instrument Value	Target Value
Start Frequency	2.47800 GHz	2.47800 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	4.000 MHz	4.000 MHz
RBW	20.000 kHz	>= 20.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	400	~ 400
Sweeptime	94.824 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	9 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.23 dB	0.30 dB

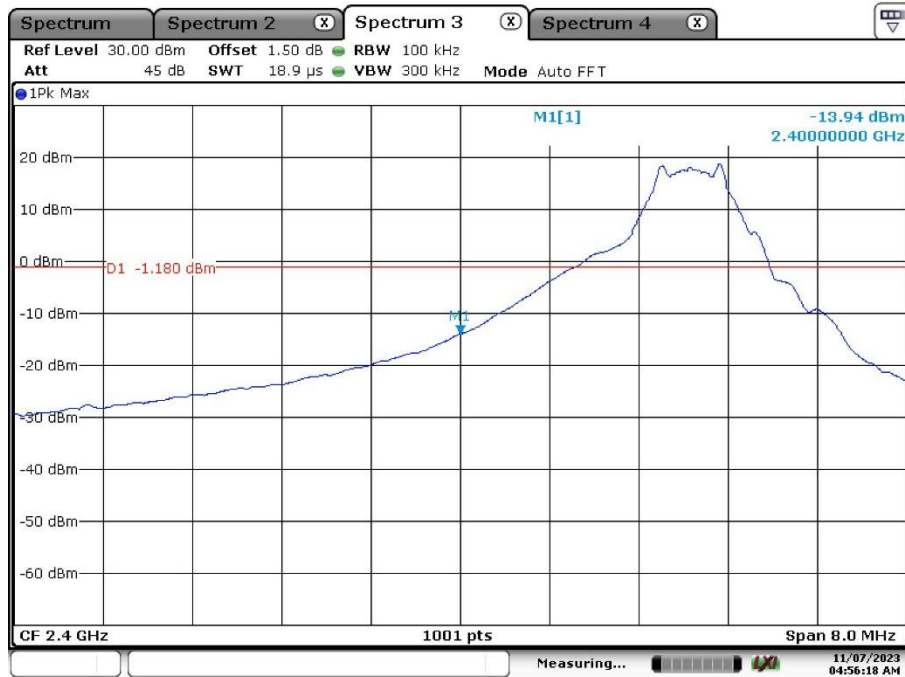


### Appendix A.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

#### Bluetooth LE Mode, 1Mbps

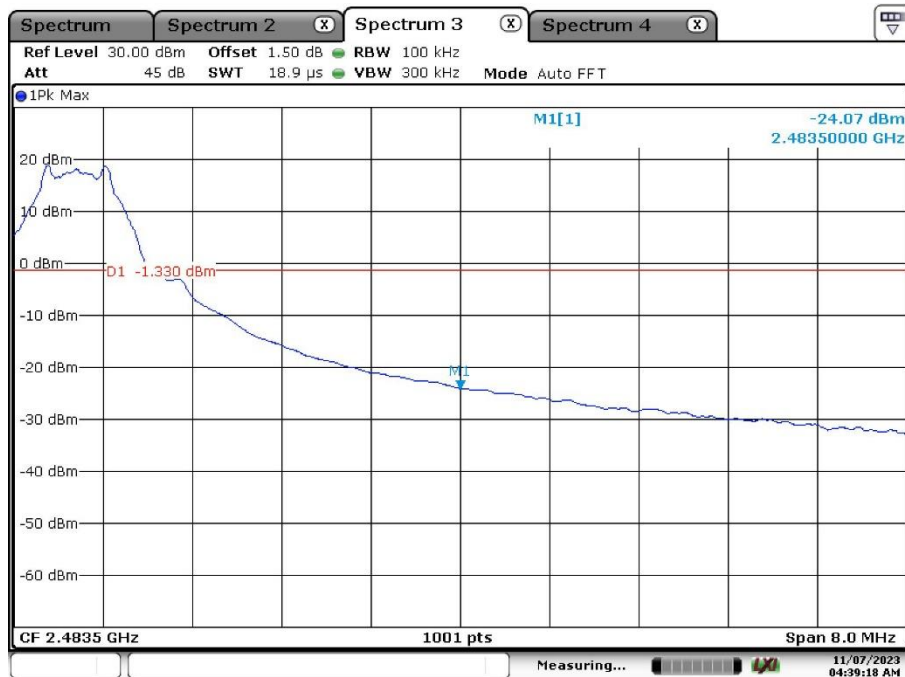
##### Band Edge

##### Low Channel



Date: 7.NOV.2023 04:56:18

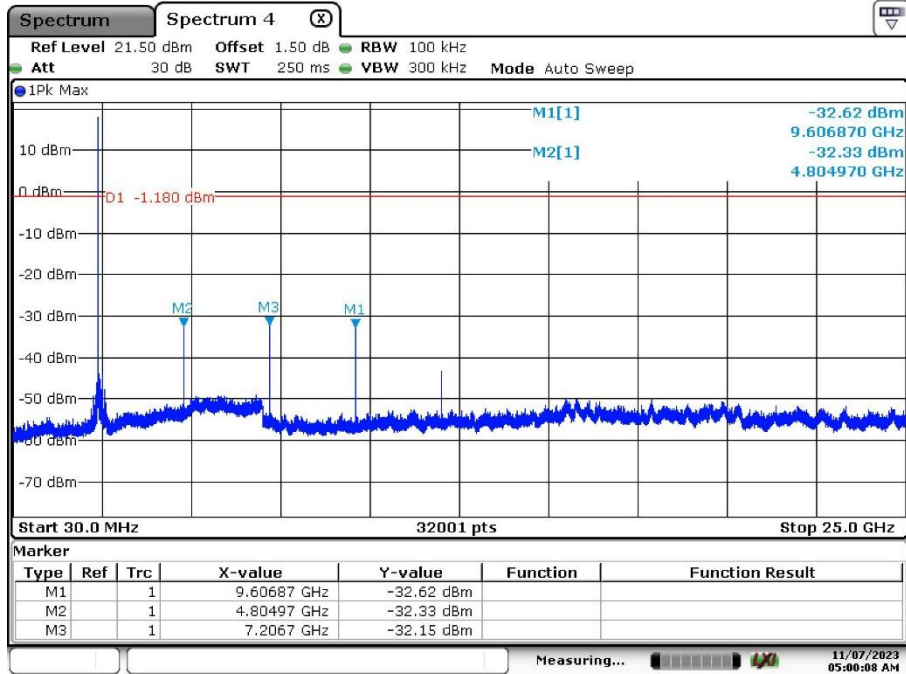
##### High Channel



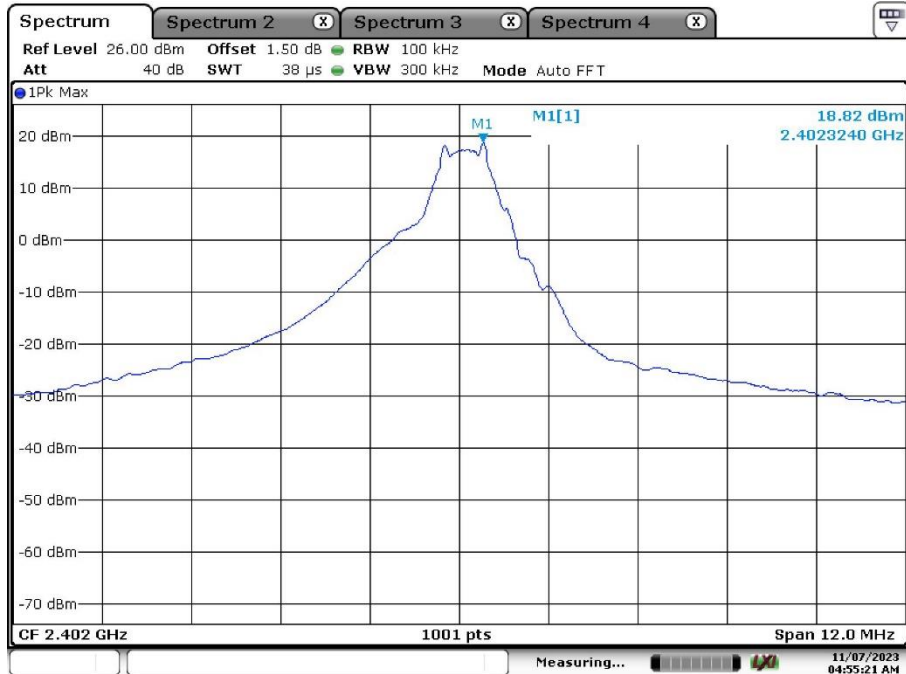
Date: 7.NOV.2023 04:59:18

Conducted Spurious Emission

Low Channel:

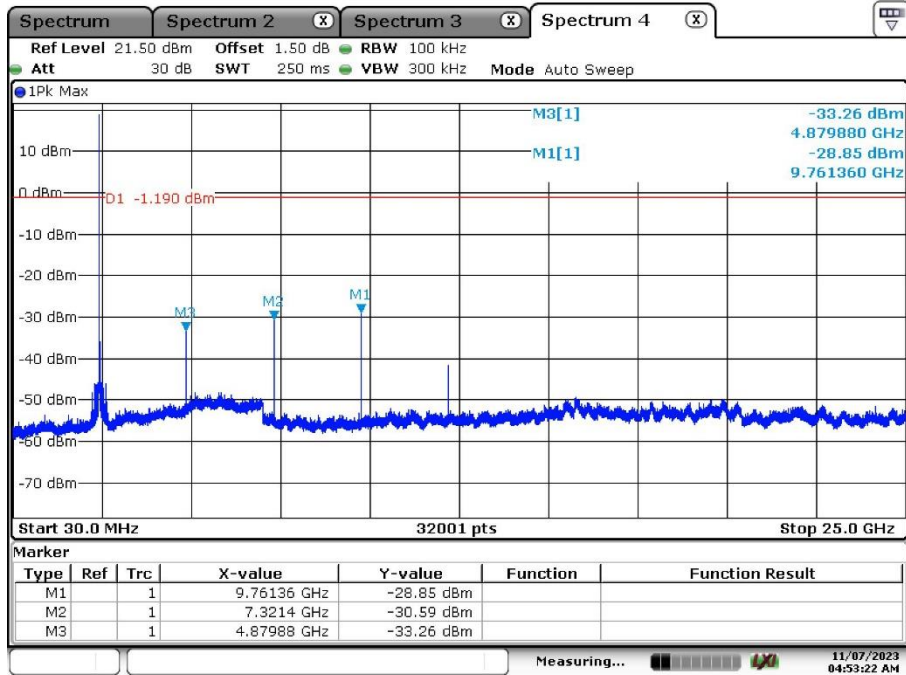


Date: 7.NOV.2023 05:00:07

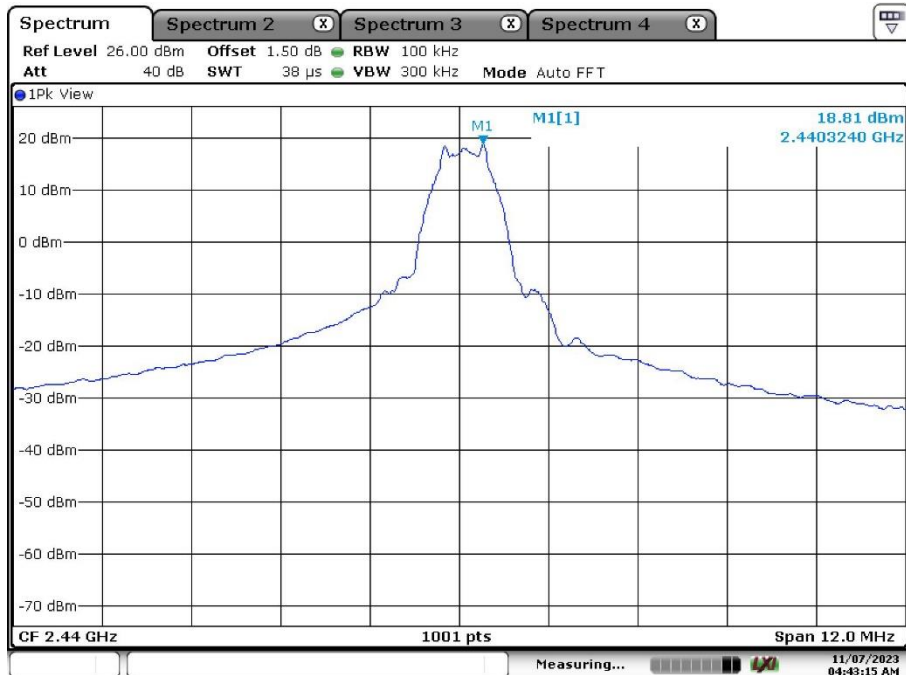


Date: 7.NOV.2023 04:55:21

Middle Channel:

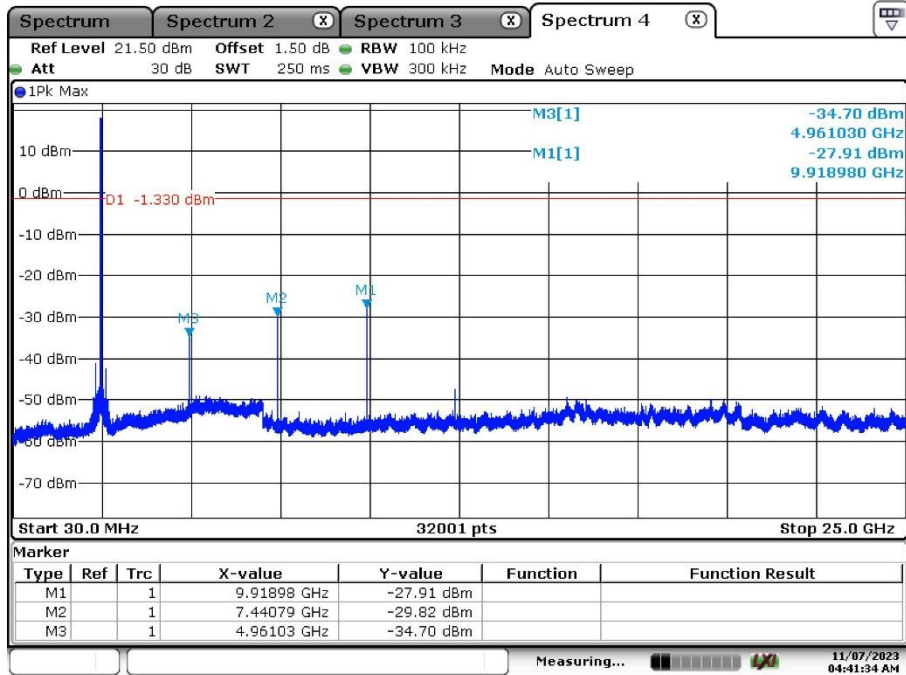


Date: 7.NOV.2023 04:53:22

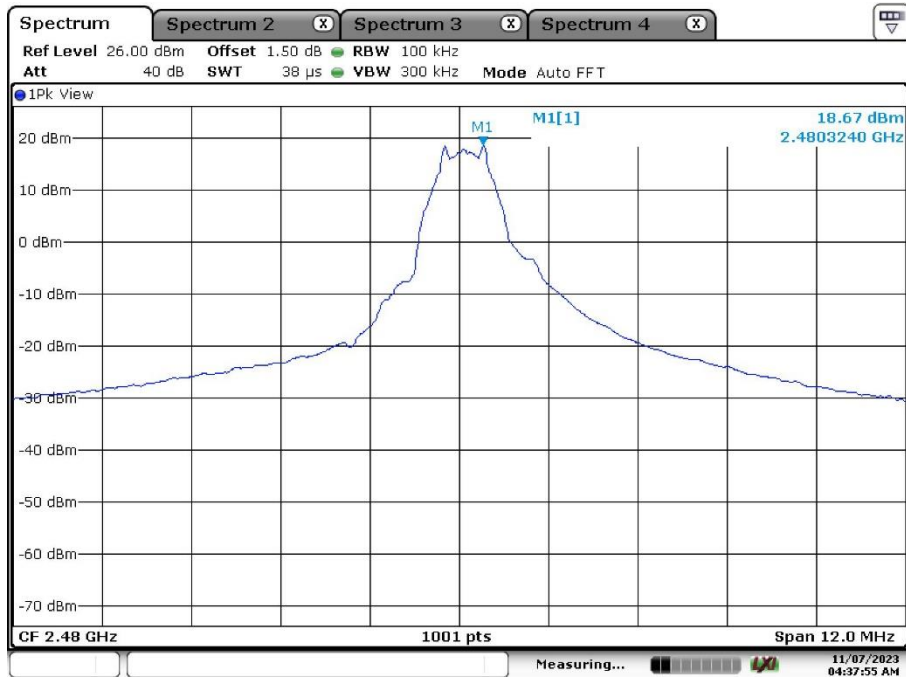


Date: 7.NOV.2023 04:43:16

High Channel:



Date: 7.NOV.2023 04:41:34



Date: 7.NOV.2023 04:37:55

### Bluetooth LE Mode, 2Mbps

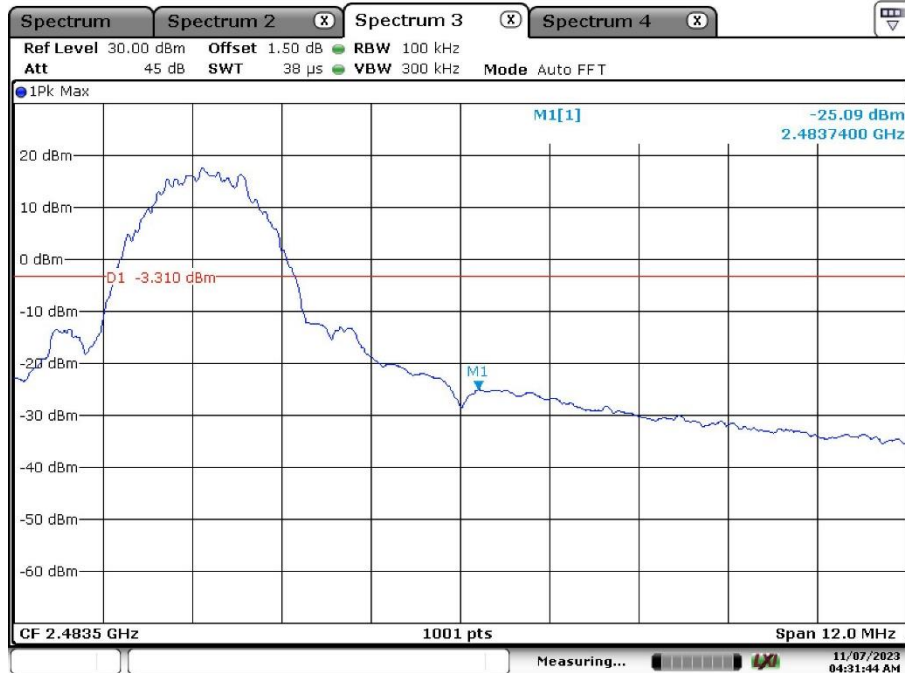
Band Edge

Low Channel



Date: 7.NOV.2023 04:22:10

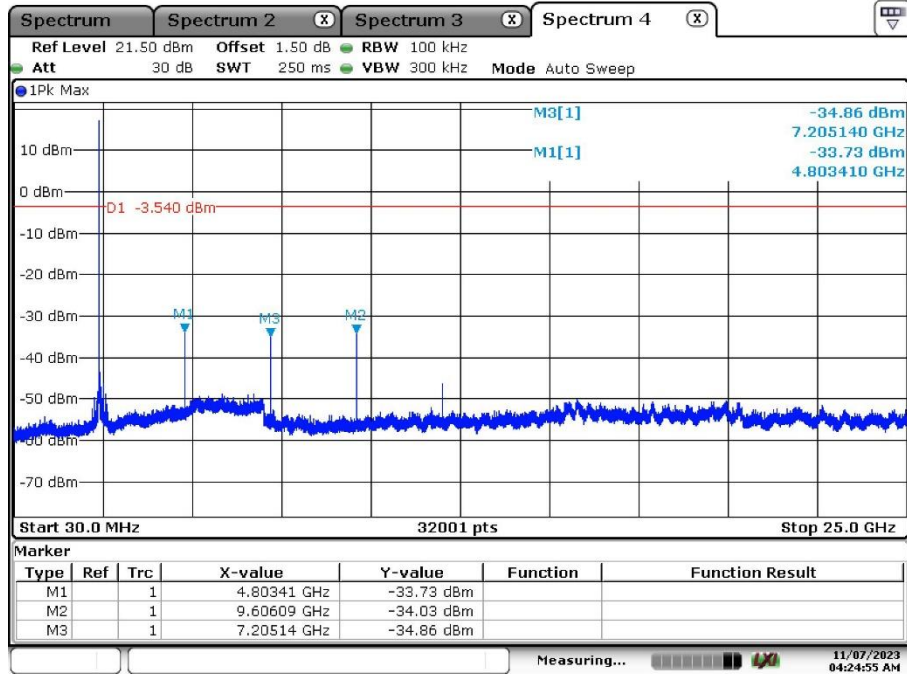
High Channel



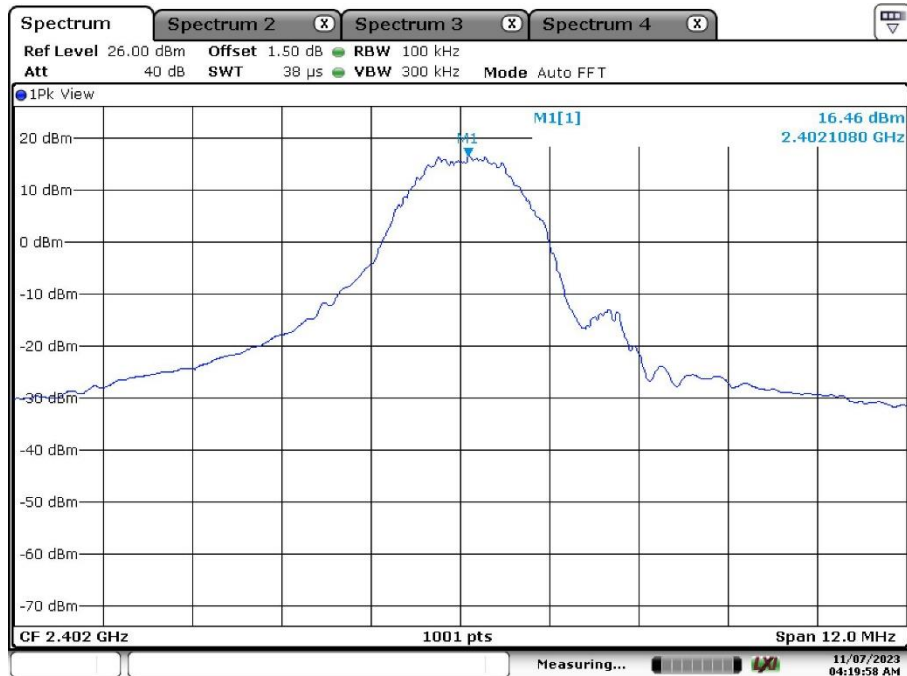
Date: 7.NOV.2023 04:31:44

Conducted Spurious Emission

Low Channel:

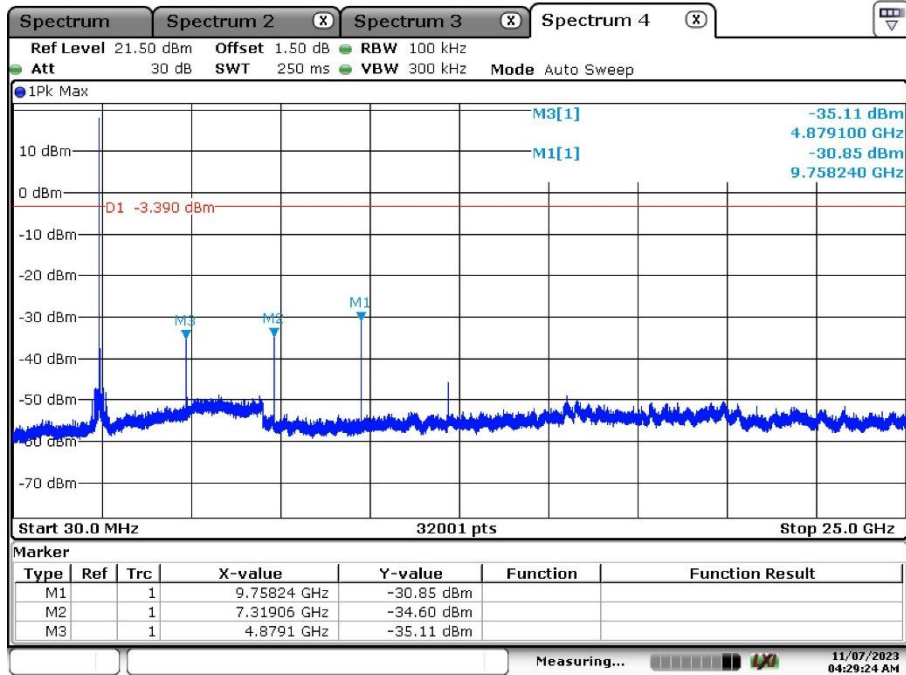


Date: 7.NOV.2023 04:24:55

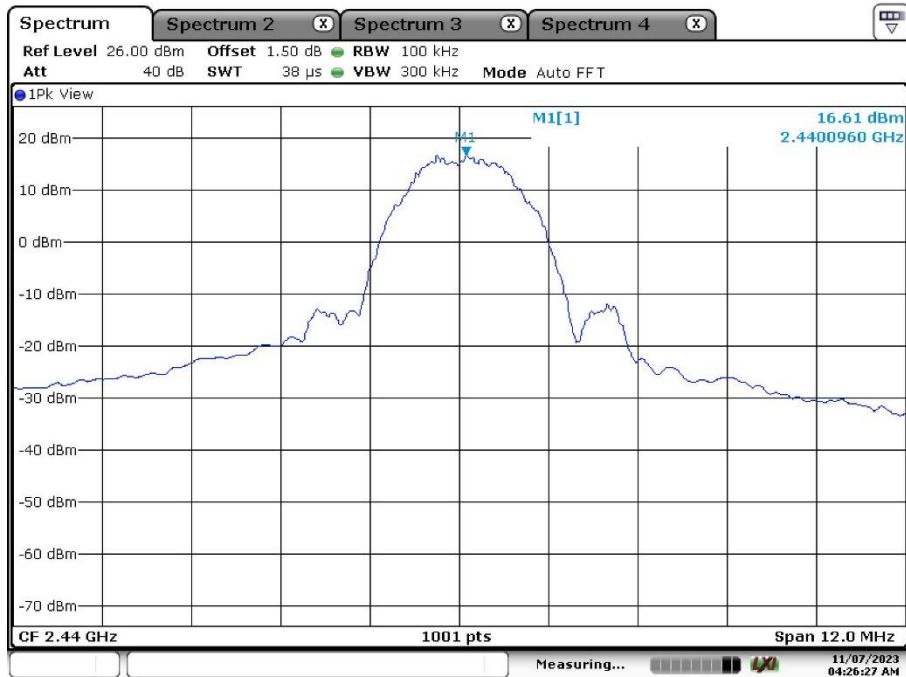


Date: 7.NOV.2023 04:19:58

Middle Channel:



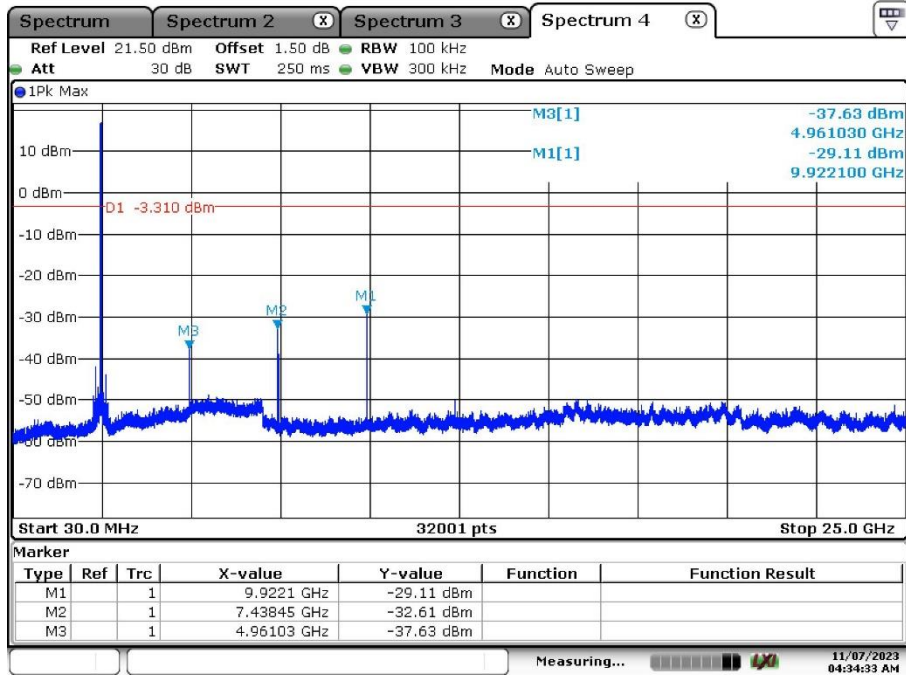
Date: 7.NOV.2023 04:29:24



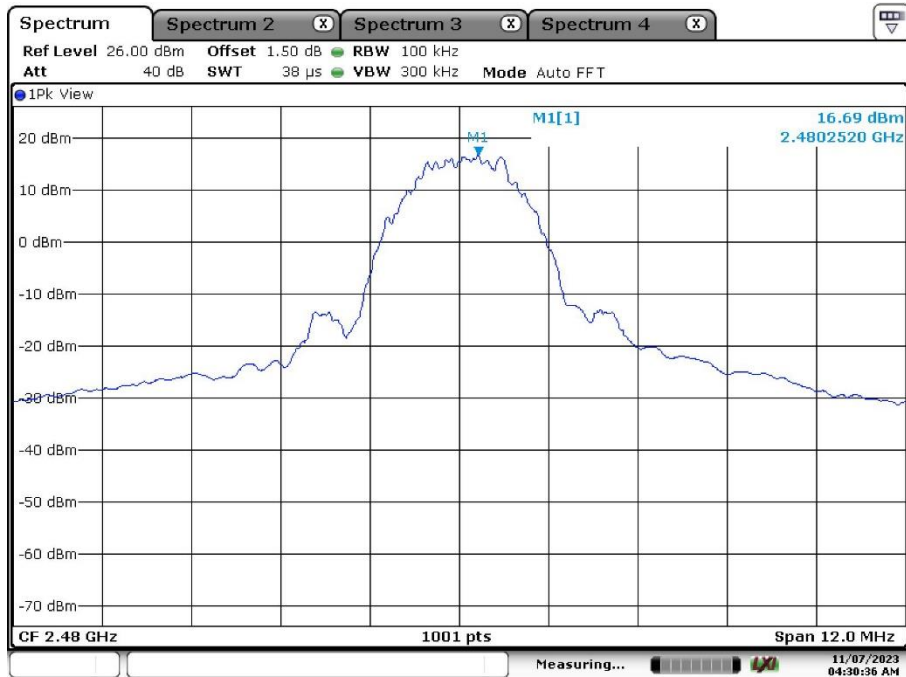
Date: 7.NOV.2023 04:26:28



High Channel:



Date: 7.NOV.2023 04:34:33



Date: 7.NOV.2023 04:30:36



## Appendix A.5: Test Results of Radiated Spurious Emissions

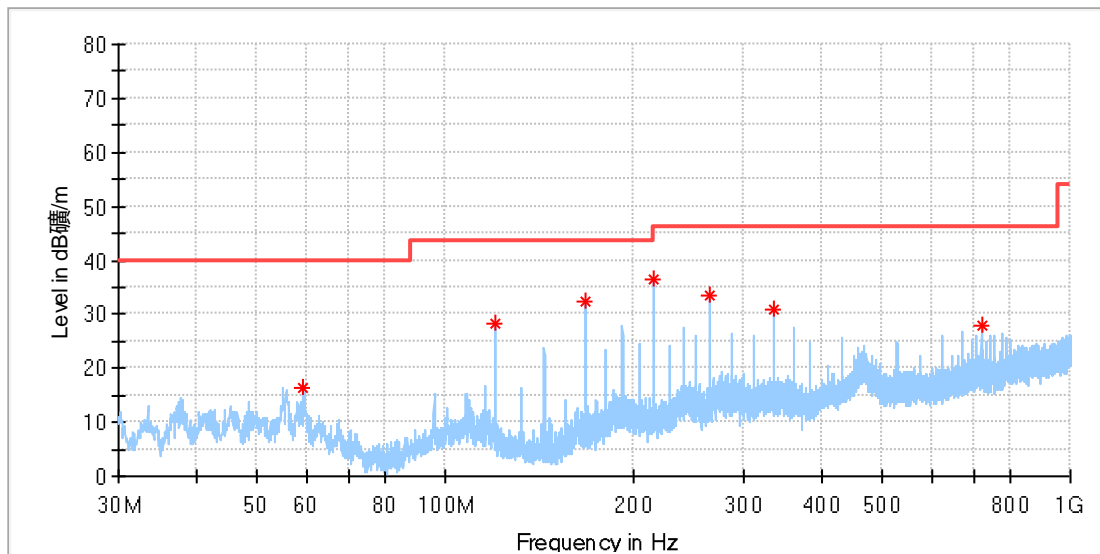
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30 MHz - 1GHz

### EUT Information

EUT Name:	Here4 Blue Multiband RTK GNSS with NRF 2.4GHz Radio
Model:	CP-06279
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168447703/A003654901-001
Test Voltage:	DC 5.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
59.361154	16.49	40.00	23.51	100.0	H	35.0	-19.2
120.023462	28.36	43.50	15.14	100.0	H	98.0	-21.1
168.001154	32.50	43.50	11.00	100.0	H	355.0	-21.7
216.016154	36.39	46.00	9.61	100.0	H	98.0	-19.0
264.031154	33.57	46.00	12.43	100.0	H	91.0	-17.4
335.997692	31.02	46.00	14.98	100.0	H	75.0	-15.5
720.043077	28.00	46.00	18.00	100.0	H	59.0	-8.1

### Final\_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

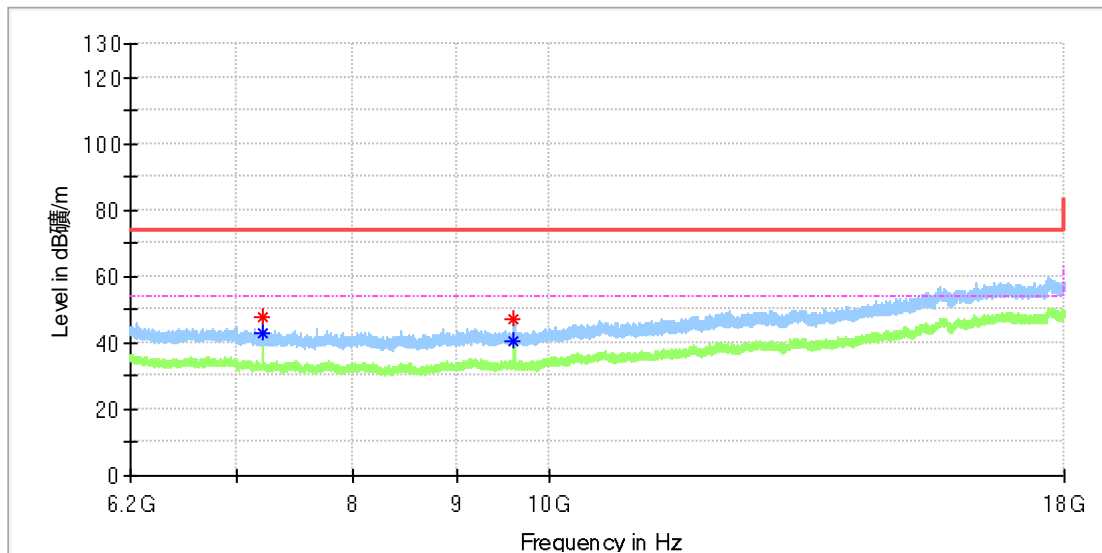






### EUT Information

EUT Name: Here4 Blue Multiband RTK GNSS with NRF 2.4GHz Radio  
 Model: CP-06279  
 Test Mode: BLE 1M\_Low channel  
 Order No/Sample No: 168447703/A003654901-001  
 Test Voltage: DC 5.3V  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

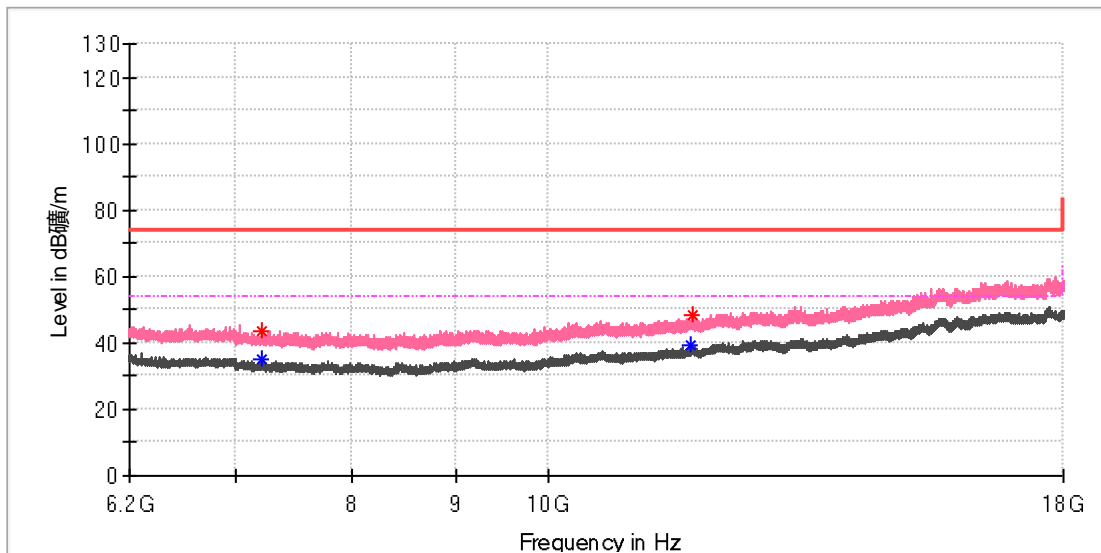
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7205.458333	47.55	---	74.00	26.45	150.0	H	209.0	8.8
7205.458333	---	42.76	54.00	11.24	150.0	H	209.0	8.8
9606.758333	47.31	---	74.00	26.69	150.0	H	243.0	10.4
9606.758333	---	40.44	54.00	13.56	150.0	H	243.0	10.4

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: Here4 Blue Multiband RTK GNSS with NRF 2.4GHz Radio  
 Model: CP-06279  
 Test Mode: BLE 1M\_Low channel  
 Order No/Sample No: 168447703/A003654901-001  
 Test Voltage: DC 5.3V  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7205.458333	---	34.99	54.00	19.01	150.0	V	123.0	8.8
7205.950000	43.29	---	74.00	30.71	150.0	V	0.0	8.8
11765.666667	---	39.20	54.00	14.80	150.0	V	231.0	13.4
11792.216667	48.33	---	74.00	25.67	150.0	V	5.0	13.4

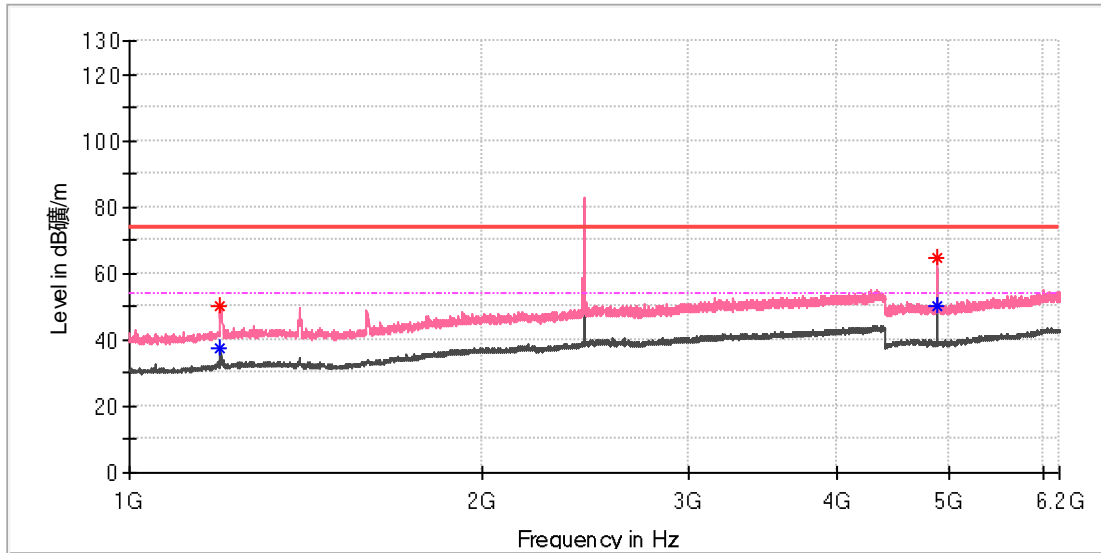
### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---



### EUT Information

EUT Name: Here4 Blue Multiband RTK GNSS with NRF 2.4GHz Radio  
 Model: CP-06279  
 Test Mode: BLE 1M\_Mid channel  
 Order No/Sample No: 168447703/A003654901-001  
 Test Voltage: DC 5.3V  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1195.500000	50.33	---	74.00	23.67	150.0	V	146.0	1.1
1195.500000	---	37.20	54.00	16.80	150.0	V	146.0	1.1
4878.500000	---	49.95	54.00	4.05	150.0	V	80.0	11.8
4879.500000	64.64	---	74.00	9.36	150.0	V	74.0	11.8

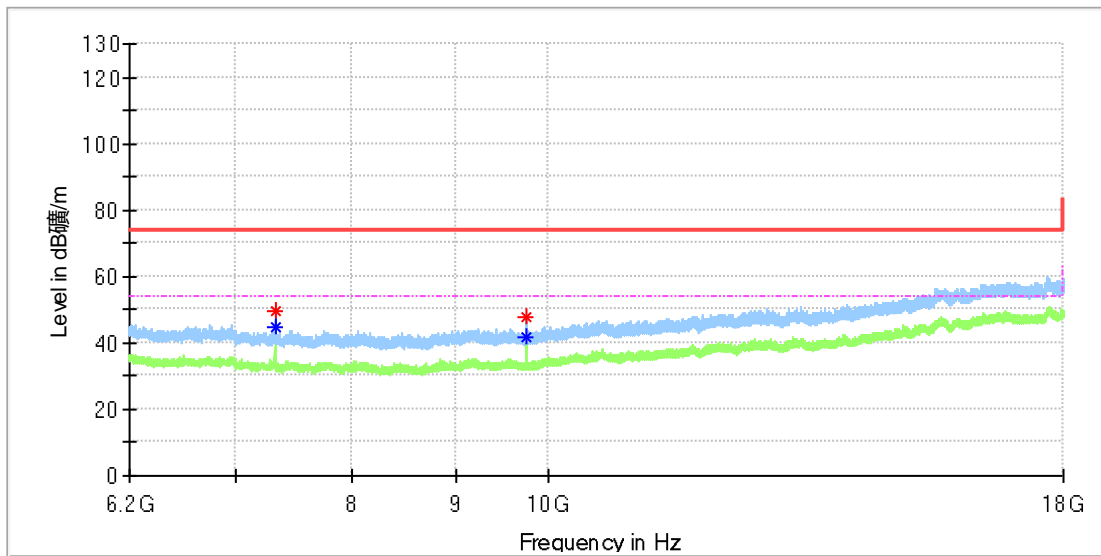
### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---



### EUT Information

EUT Name: Here4 Blue Multiband RTK GNSS with NRF 2.4GHz Radio  
 Model: CP-06279  
 Test Mode: BLE 1M\_Mid channel  
 Order No/Sample No: 168447703/A003654901-001  
 Test Voltage: DC 5.3V  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

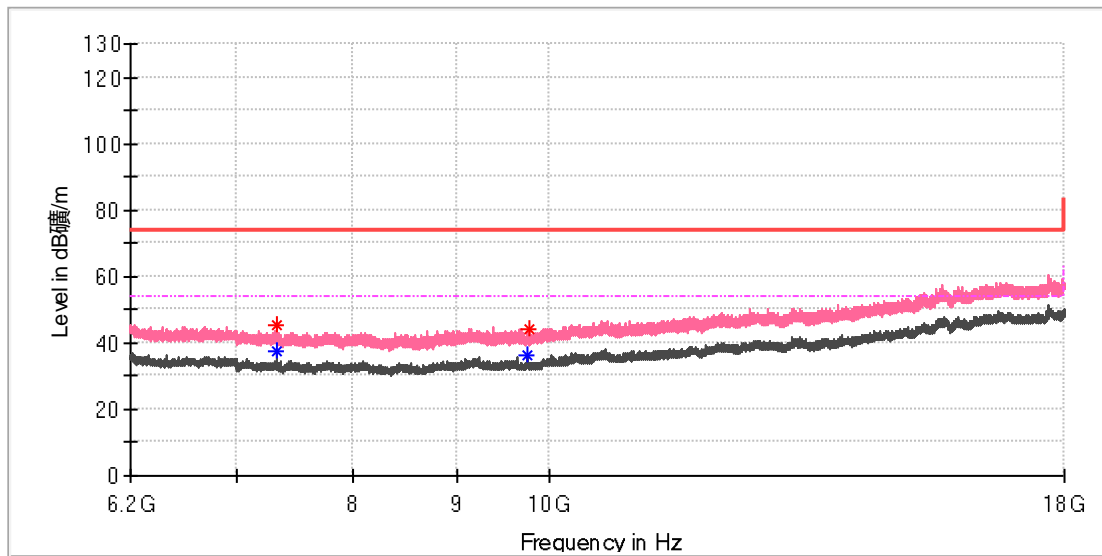
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7319.033333	---	44.64	54.00	9.36	150.0	H	184.0	8.2
7320.508333	49.43	---	74.00	24.57	150.0	H	243.0	8.2
9759.175000	47.66	---	74.00	26.34	150.0	H	278.0	10.4
9759.175000	---	41.97	54.00	12.03	150.0	H	278.0	10.4

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: Here4 Blue Multiband RTK GNSS with NRF 2.4GHz Radio  
 Model: CP-06279  
 Test Mode: BLE 1M\_Mid channel  
 Order No/Sample No: 168447703/A003654901-001  
 Test Voltage: DC 5.3V  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7319.525000	45.07	---	74.00	28.93	150.0	V	0.0	8.2
7320.508333	---	37.74	54.00	16.26	150.0	V	0.0	8.2
9759.175000	---	36.23	54.00	17.77	150.0	V	17.0	10.4
9776.383333	43.96	---	74.00	30.04	150.0	V	126.0	10.4

### Final Result

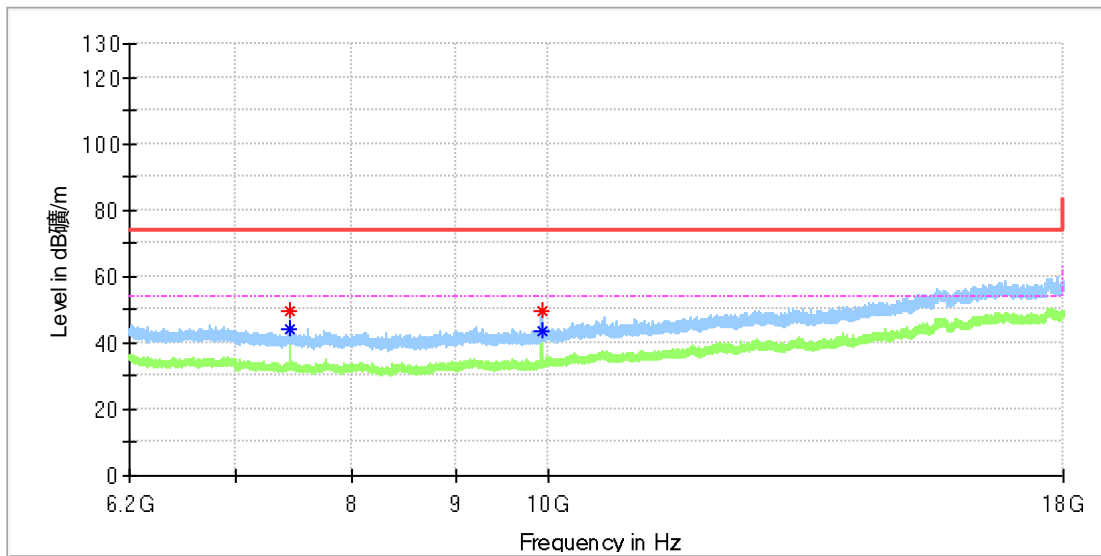
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---





### EUT Information

EUT Name: Here4 Blue Multiband RTK GNSS with NRF 2.4GHz Radio  
 Model: CP-06279  
 Test Mode: BLE 1M\_High channel  
 Order No/Sample No: 168447703/A003654901-001  
 Test Voltage: DC 5.3V  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

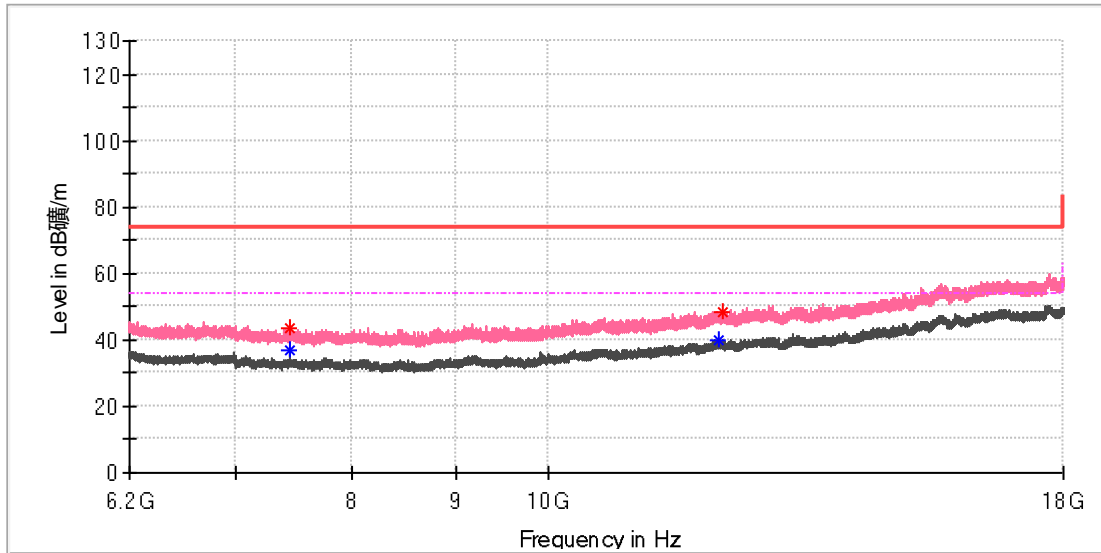
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7440.966667	---	44.40	54.00	9.60	150.0	H	251.0	8.4
7440.966667	49.83	---	74.00	24.17	150.0	H	251.0	8.4
9920.933333	49.38	---	74.00	24.62	150.0	H	131.0	10.8
9921.425000	---	43.61	54.00	10.39	150.0	H	167.0	10.8

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: Here4 Blue Multiband RTK GNSS with NRF 2.4GHz Radio  
 Model: CP-06279  
 Test Mode: BLE 1M\_High channel  
 Order No/Sample No: 168447703/A003654901-001  
 Test Voltage: DC 5.3V  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7440.475000	---	36.62	54.00	17.38	150.0	V	180.0	8.4
7440.966667	43.52	---	74.00	30.48	150.0	V	312.0	8.4
12148.183333	---	40.19	54.00	13.81	150.0	V	253.0	14.4
12213.083333	48.35	---	74.00	25.66	150.0	V	0.0	14.7

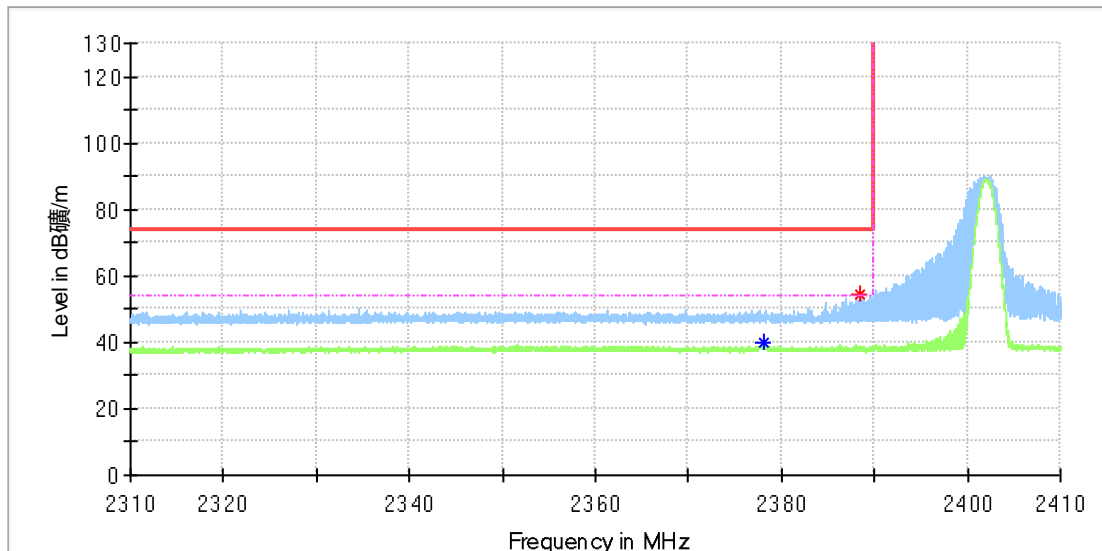
### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

## Appendix A.6: Test Results of Radiated Emissions in Restricted Bands

### EUT Information

EUT Name:	Here4 Blue Multiband RTK GNSS with NRF 2.4GHz Radio
Model:	CP-06279
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168447703/A003654901-001
Test Voltage:	DC 5.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2378.000000	---	39.72	54.00	14.28	150.0	H	229.0	6.9
2388.455882	54.52	---	74.00	19.48	150.0	H	179.0	7.0

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

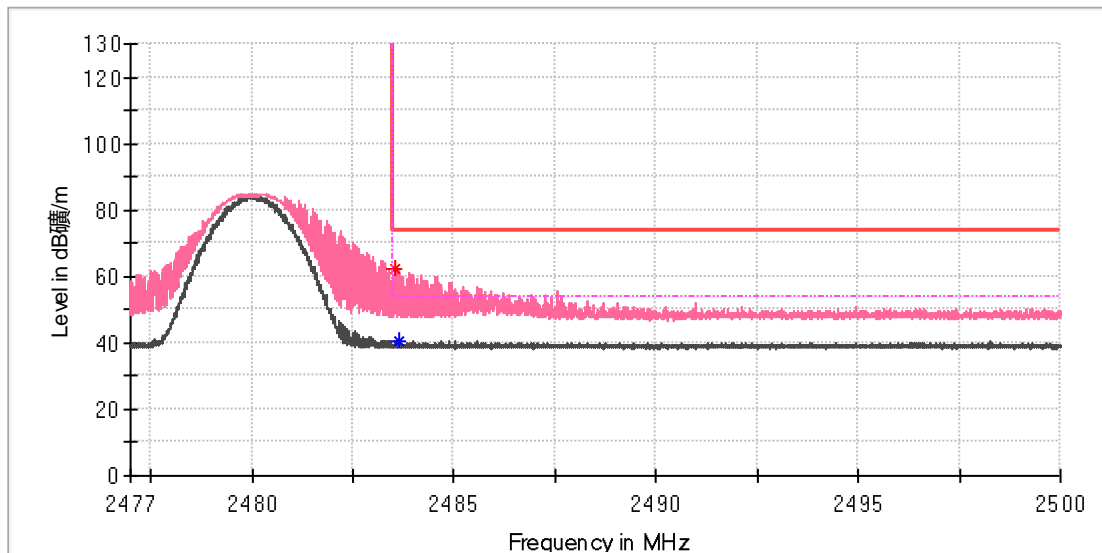






### EUT Information

EUT Name:	Here4 Blue Multiband RTK GNSS with NRF 2.4GHz Radio
Model:	CP-06279
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168447703/A003654901-001
Test Voltage:	DC 5.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.561765	62.51	---	74.00	11.49	150.0	V	353.0	7.4
2483.654412	---	40.78	54.00	13.22	150.0	V	120.0	7.4

### Final\_Result

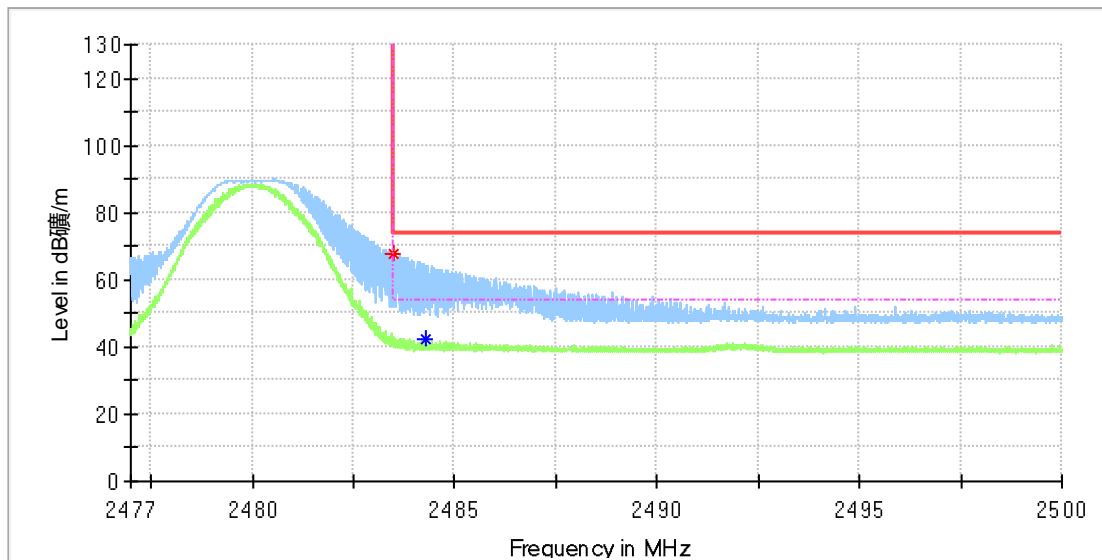
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---





### EUT Information

EUT Name:	Here4 Blue Multiband RTK GNSS with NRF 2.4GHz Radio
Model:	CP-06279
Test Mode:	BLE 2M_High channel
Order No/Sample No:	168447703/A003654901-001
Test Voltage:	DC 5.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

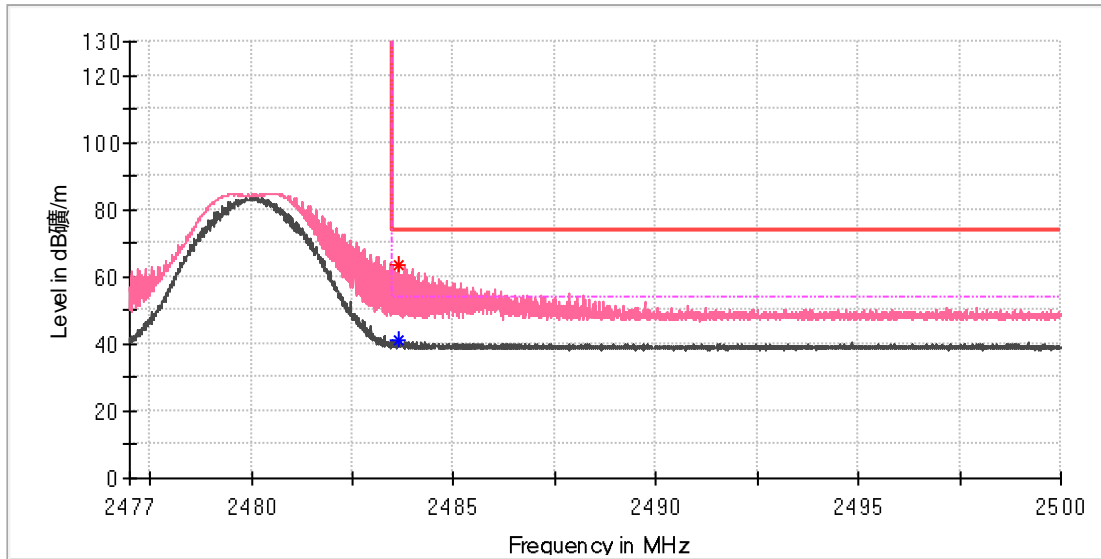
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.504412	67.63	---	74.00	6.37	150.0	H	164.0	7.4
2484.302941	---	42.27	54.00	11.73	150.0	H	327.0	7.4

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name:	Here4 Blue Multiband RTK GNSS with NRF 2.4GHz Radio
Model:	CP-06279
Test Mode:	BLE 2M_High channel
Order No/Sample No:	168447703/A003654901-001
Test Voltage:	DC 5.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.627941	63.25	---	74.00	10.75	150.0	V	106.0	7.4
2483.650000	---	40.97	54.00	13.03	150.0	V	348.0	7.4

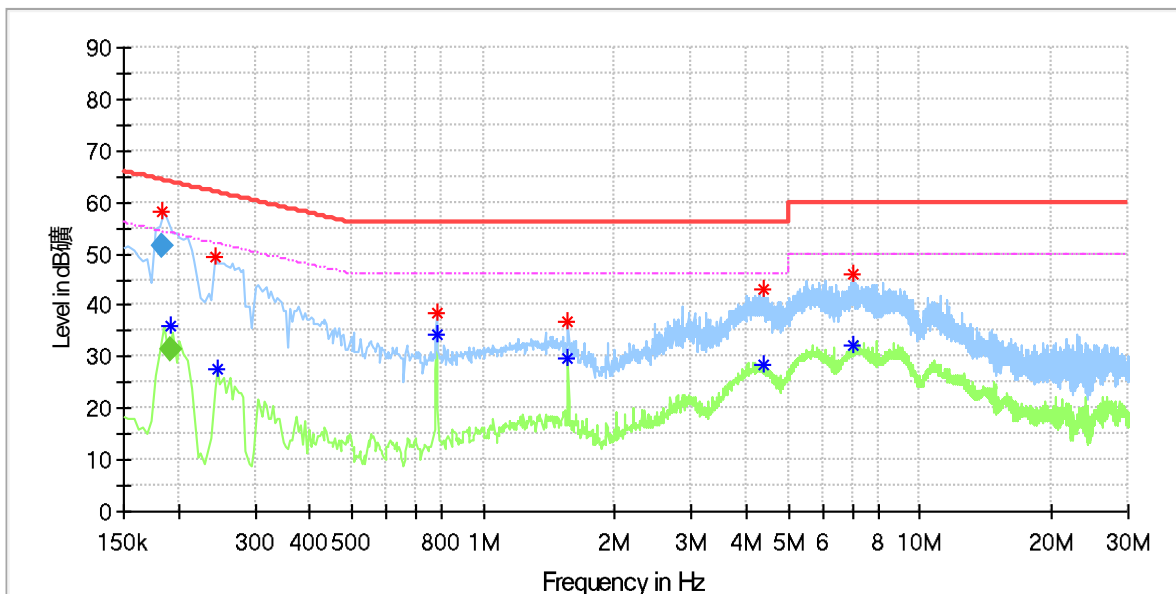
### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

## Appendix A.7: Test Results of Conducted Emission on AC Mains

### EUT Information

EUT Name: Here4 Blue Multiband RTK GNSS with NRF 2.4GHz Radio  
 Order Number: 168447703 90  
 Model: CP-06279  
 Test Mode: Bluetooth  
 Test Voltage: AC 120V/60Hz  
 Test Standard: FCC Part 15B  
 Test By:/Review By: Steve Lan  
 Tem./Hum./Pressure: 24.3°C/51.2%/101kPa  
 Remark: SR2



### Critical\_Freqs

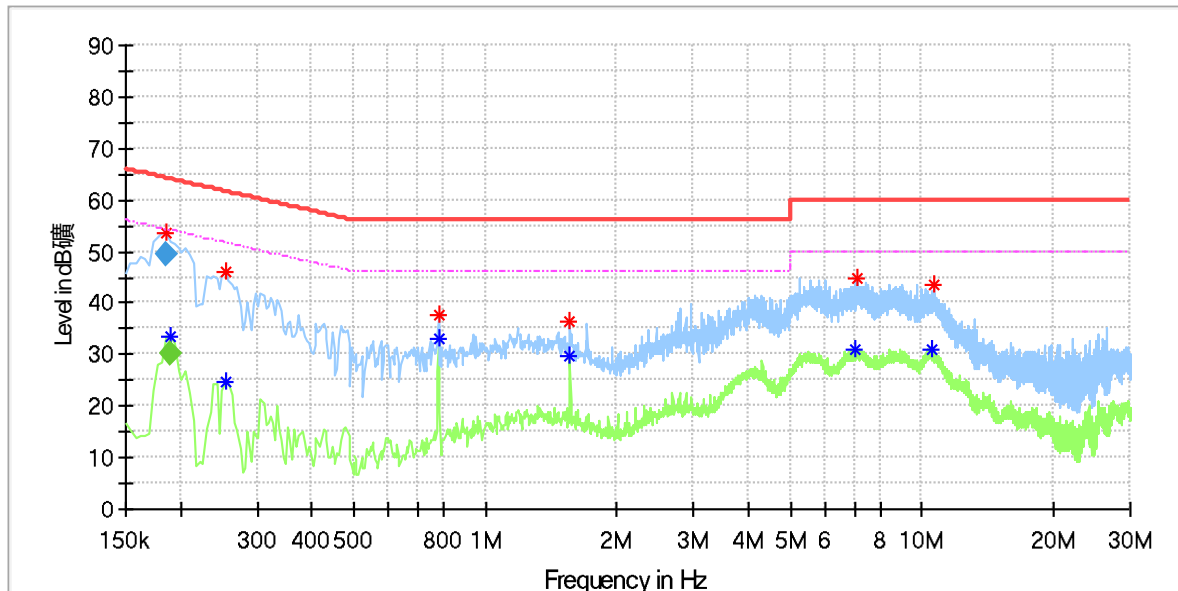
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.184500	58.38	---	64.21	5.83	L1	9.7
0.192500	---	35.89	54.21	18.32	L1	9.7
0.242000	49.31	---	62.03	12.71	L1	9.8
0.246000	---	27.42	51.89	24.47	L1	9.8
0.780000	---	34.47	46.00	11.53	L1	9.8
0.780000	38.33	---	56.00	17.67	L1	9.8
1.564000	---	29.71	46.00	16.29	L1	9.8
1.564000	36.97	---	56.00	19.03	L1	9.8
4.368000	43.21	---	56.00	12.79	L1	10.0
4.376000	---	28.64	46.00	17.36	L1	10.0
7.028000	---	32.06	50.00	17.94	L1	9.9
7.028000	46.02	---	60.00	13.98	L1	9.9

### Final\_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.184500	51.40	---	64.28	12.88	1000.0	9.000	L1	9.7
0.192500	---	31.60	53.93	22.33	1000.0	9.000	L1	9.8

### EUT Information

EUT Name: Here4 Blue Multiband RTK GNSS with NRF 2.4GHz Radio  
 Order Number: 168447703 90  
 Model: CP-06279  
 Test Mode: Bluetooth  
 Test Voltage: AC 120V/60Hz  
 Test Standard: FCC Part 15B  
 Test By:/Review By: Steve Lan  
 Tem./Hum./Pressure: 24.3°C/51.2%/101kPa  
 Remark: SR2



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.186000	53.46	---	64.21	10.75	N	9.7
0.190000	---	33.36	54.04	20.67	N	9.7
0.254000	46.24	---	61.63	15.39	N	9.7
0.254000	---	24.55	51.63	27.08	N	9.7
0.780000	37.59	---	56.00	18.41	N	9.7
0.780000	---	33.19	46.00	12.81	N	9.7
1.560000	---	29.61	46.00	16.39	N	9.8
1.560000	36.30	---	56.00	19.70	N	9.8
7.056000	---	30.84	50.00	19.16	N	9.9
7.096000	44.82	---	60.00	15.18	N	9.9
10.560000	---	31.12	50.00	18.88	N	10.1
10.660000	43.63	---	60.00	16.37	N	10.1

### Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.186000	49.51	---	64.84	15.33	1000.0	9.000	N	9.8
0.190000	---	29.97	54.65	24.68	1000.0	9.000	N	9.7