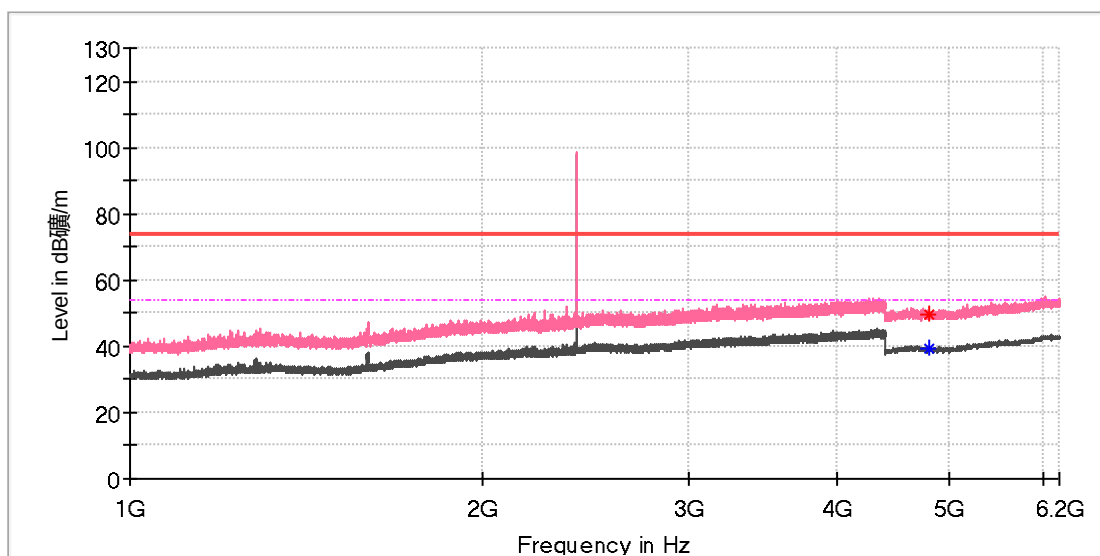


EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BR_DH5_Low channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

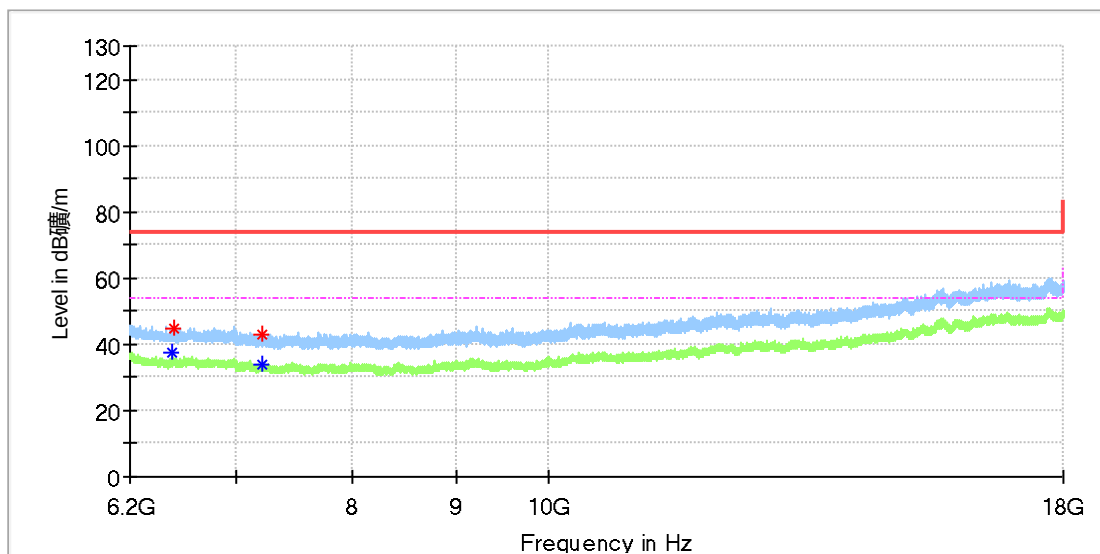
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4805.000000	49.68	---	74.00	24.32	100.0	V	66.0	11.8
4806.500000	---	39.35	54.00	14.65	100.0	V	110.0	11.8

Final_Result

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

EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BR_DH5_Low channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

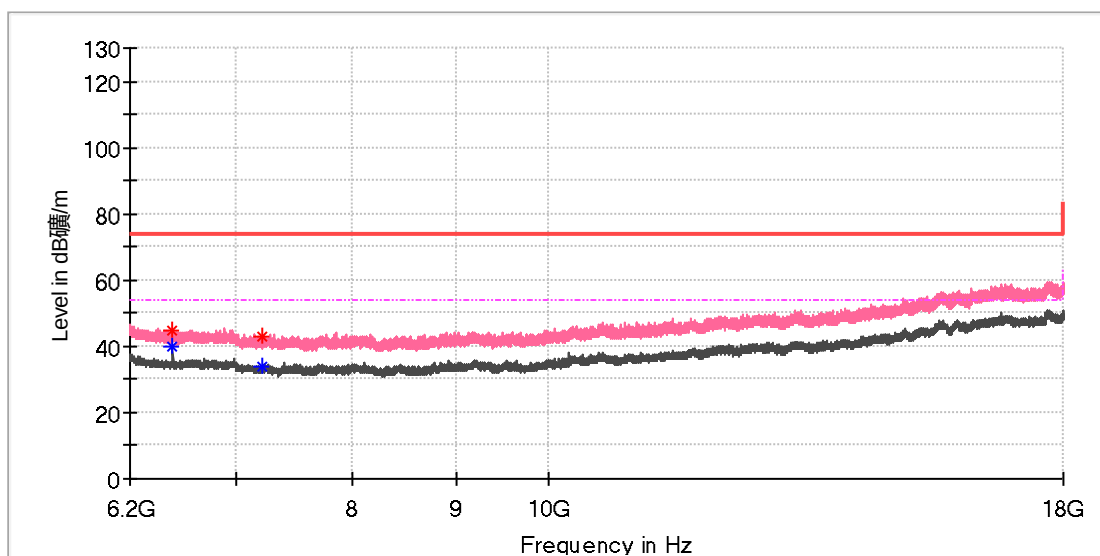
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6511.716667	---	37.44	54.00	16.56	100.0	H	271.0	8.8
6513.191667	44.44	---	74.00	29.56	100.0	H	110.0	8.8
7205.458333	---	34.03	54.00	19.97	100.0	H	45.0	8.8
7217.258333	42.82	---	74.00	31.18	100.0	H	310.0	8.7

Final_Result

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

EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BR_DH5_Low channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

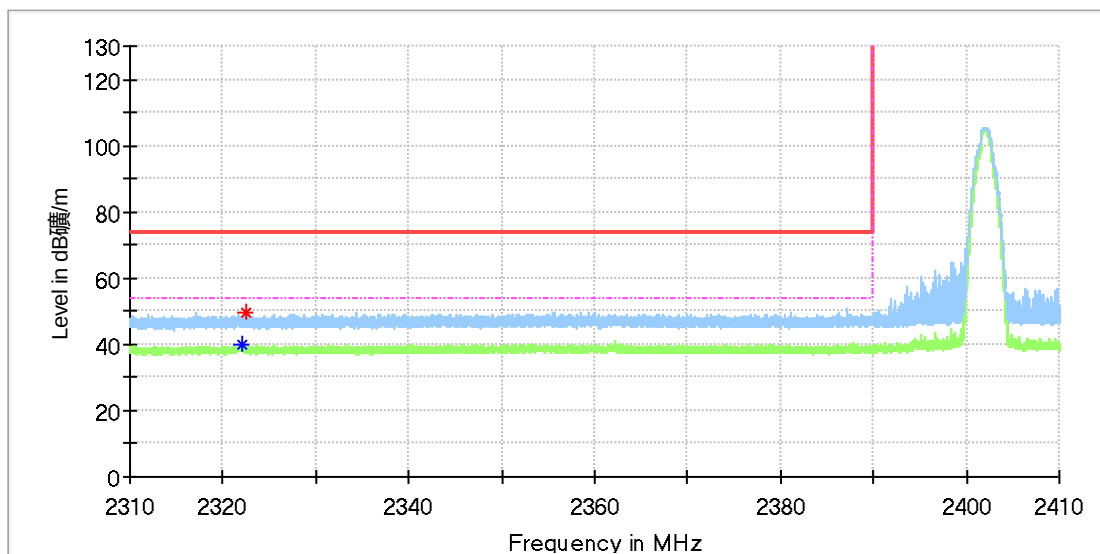
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6511.716667	44.53	---	74.00	29.47	100.0	V	278.0	8.8
6511.716667	---	39.96	54.00	14.04	100.0	V	278.0	8.8
7206.441667	---	33.97	54.00	20.03	100.0	V	290.0	8.8
7214.308333	43.08	---	74.00	30.92	100.0	V	120.0	8.7

Final_Result

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

EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BR_DH5_Low channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

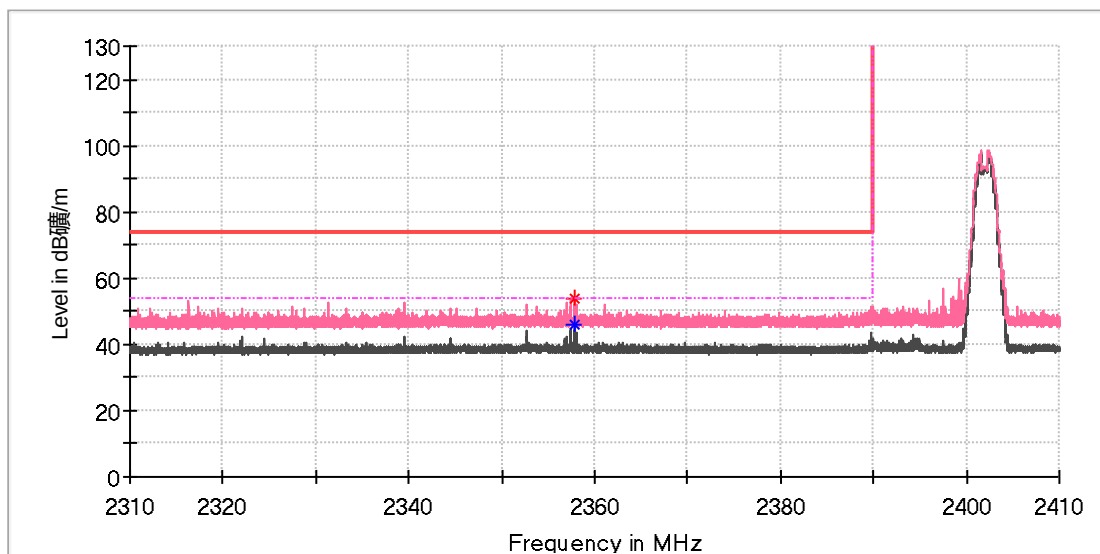
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2322.080000	---	40.12	54.00	13.88	100.0	H	0.0	6.6
2322.485000	49.60	---	74.00	24.40	100.0	H	350.0	6.6

Final_Result

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

EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BR_DH5_Low channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

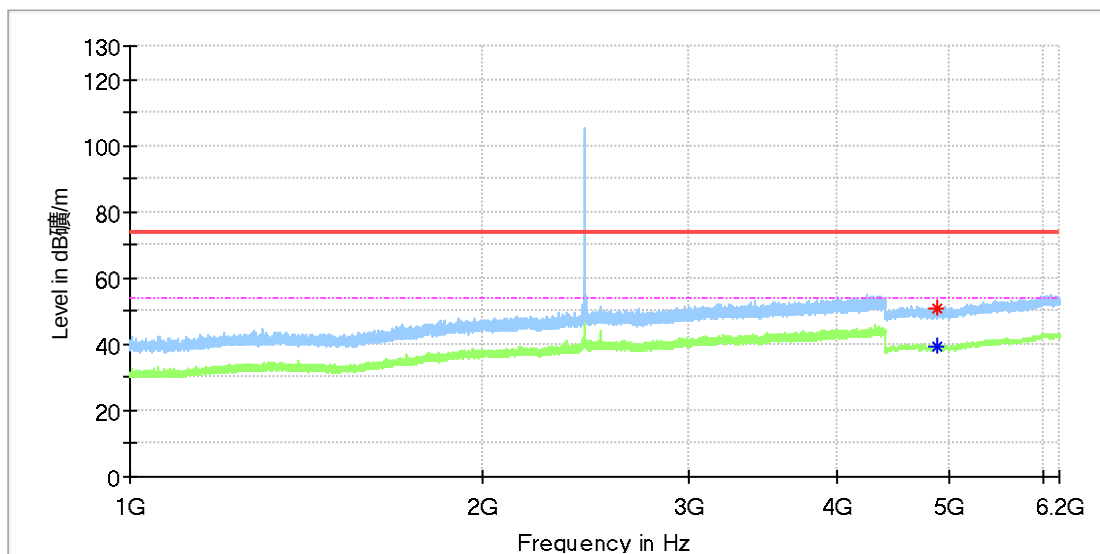
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2357.805000	53.62	---	74.00	20.38	100.0	V	295.0	6.9
2357.805000	---	46.00	54.00	8.00	100.0	V	295.0	6.9

Final_Result

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

EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BR_DH5_Mid channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

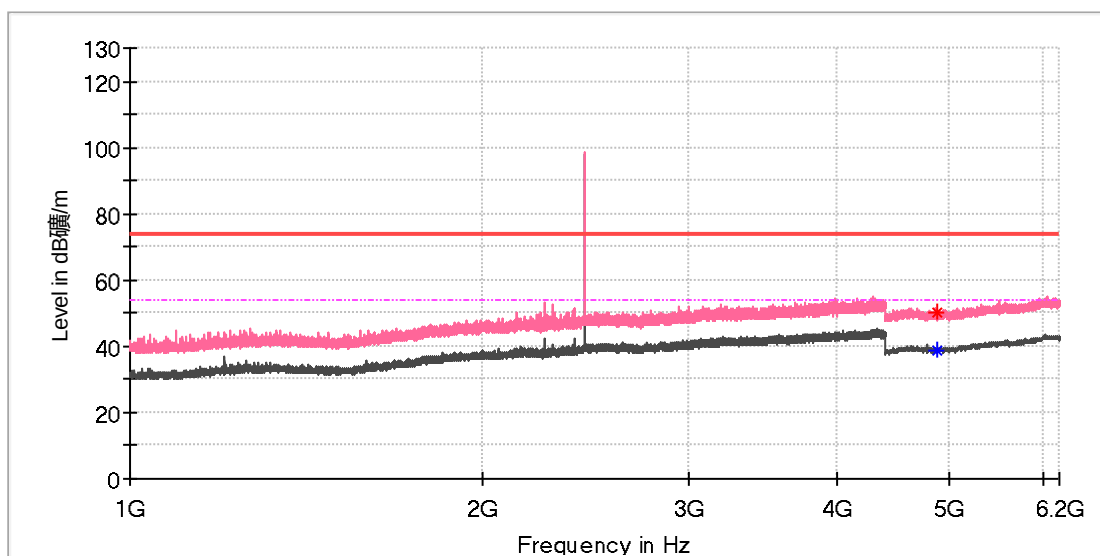
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4876.000000	---	39.40	54.00	14.60	100.0	H	242.0	11.8
4881.000000	50.51	---	74.00	23.49	100.0	H	0.0	11.8

Final_Result

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

EUT Information

EUT Name:	WI-FI + BT combo module
Model:	17WFM26
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168367617/A003240432-001
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

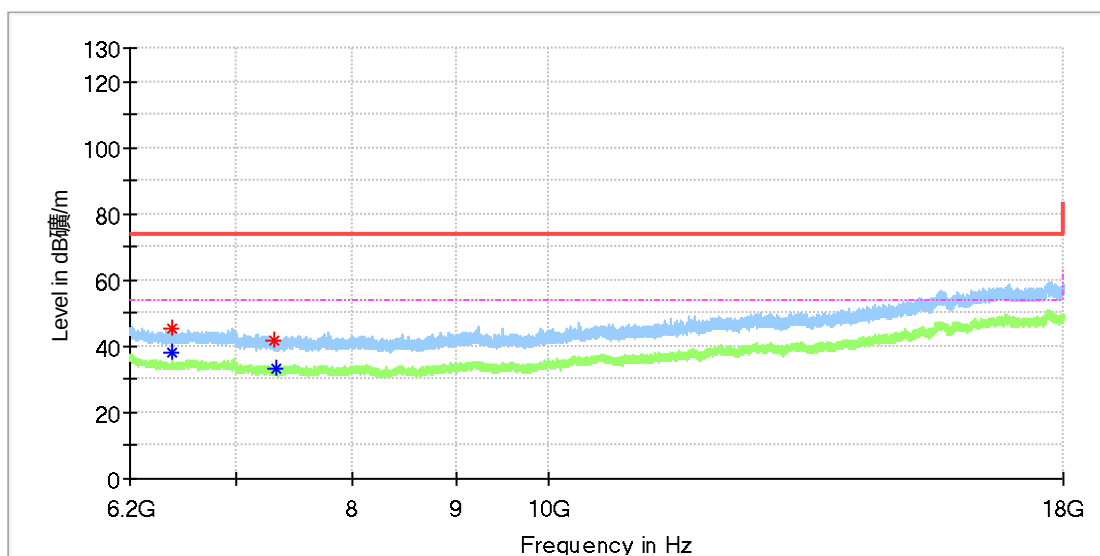
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4880.000000	50.09	---	74.00	23.91	100.0	V	165.0	11.8
4882.500000	---	38.89	54.00	15.11	100.0	V	278.0	11.8

Final_Result

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

EUT Information

EUT Name:	WI-FI + BT combo module
Model:	17WFM26
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168367617/A003240432-001
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

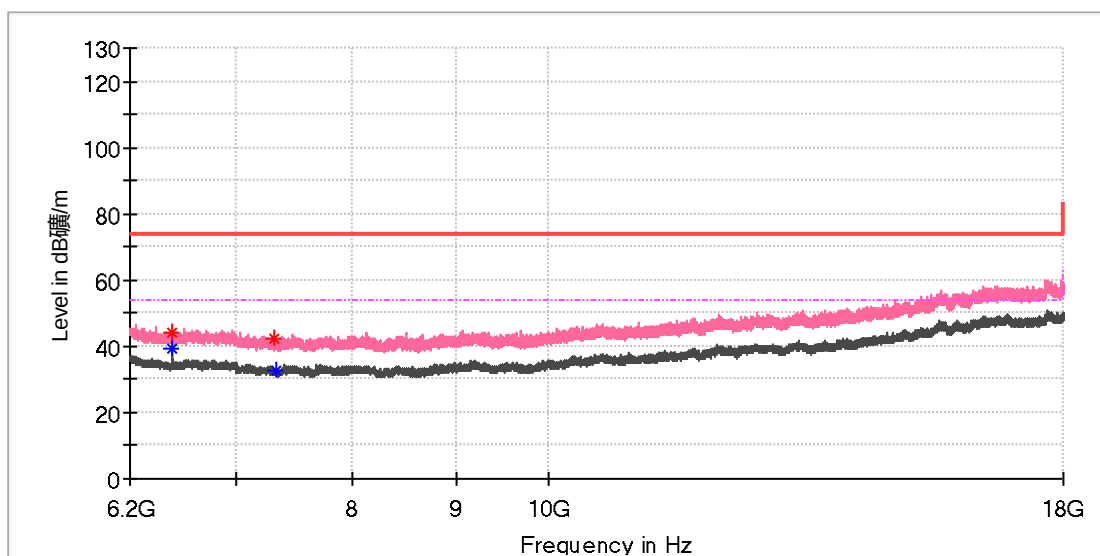
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6504.341667	45.28	---	74.00	28.72	100.0	H	209.0	8.8
6511.716667	---	37.95	54.00	16.05	100.0	H	233.0	8.8
7304.283333	41.88	---	74.00	32.12	100.0	H	136.0	8.3
7325.425000	---	33.02	54.00	20.98	100.0	H	341.0	8.2

Final_Result

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

EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BR_DH5_Mid channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

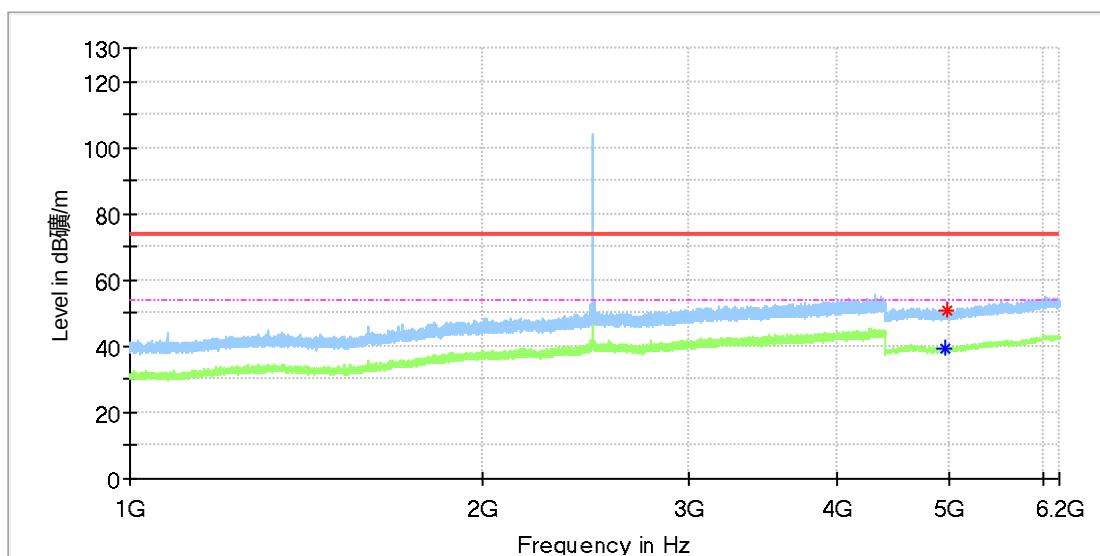
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6511.716667	---	39.15	54.00	14.85	100.0	V	251.0	8.8
6512.208333	44.36	---	74.00	29.64	100.0	V	251.0	8.8
7306.741667	42.21	---	74.00	31.79	100.0	V	0.0	8.3
7324.441667	---	32.86	54.00	21.14	100.0	V	19.0	8.2

Final_Result

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

EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BR_DH5_High channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

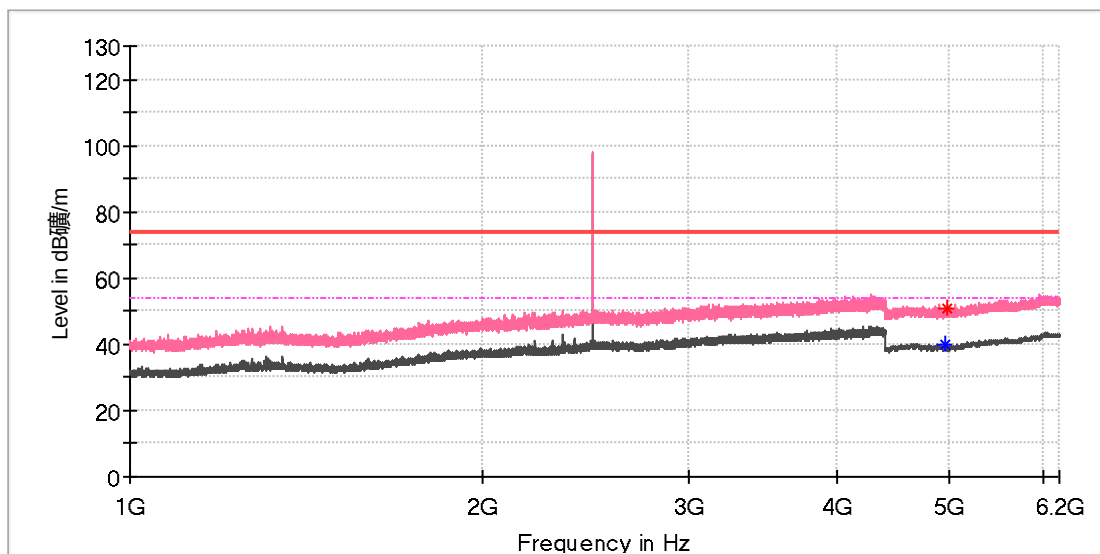
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4956.500000	---	39.35	54.00	14.65	100.0	H	102.0	11.8
4968.000000	50.65	---	74.00	23.35	100.0	H	196.0	11.8

Final_Result

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

EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BR_DH5_High channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

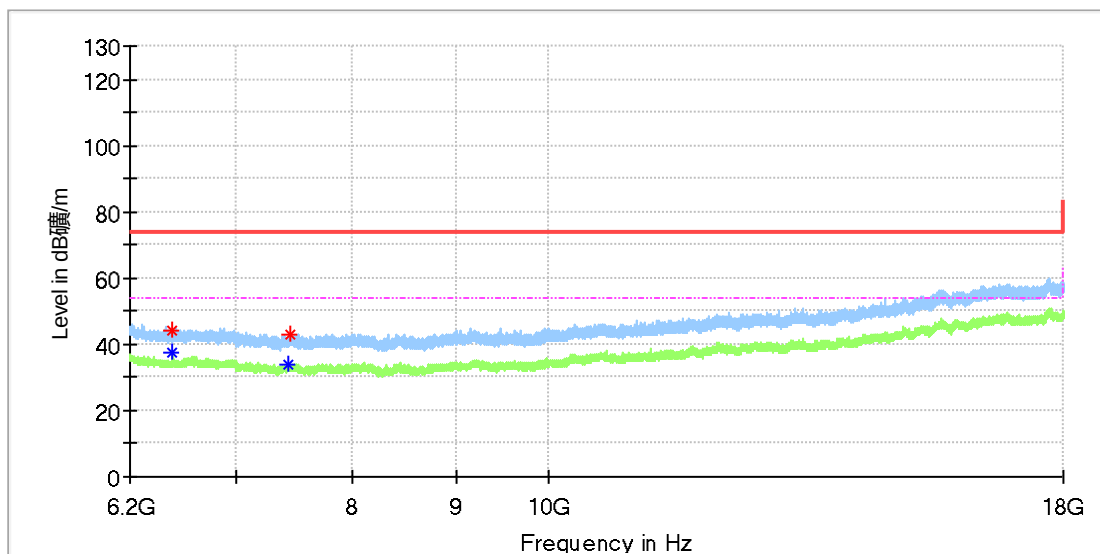
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4958.000000	---	39.84	54.00	14.16	100.0	V	294.0	11.8
4969.000000	50.94	---	74.00	23.06	100.0	V	198.0	11.8

Final_Result

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

EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BR_DH5_High channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

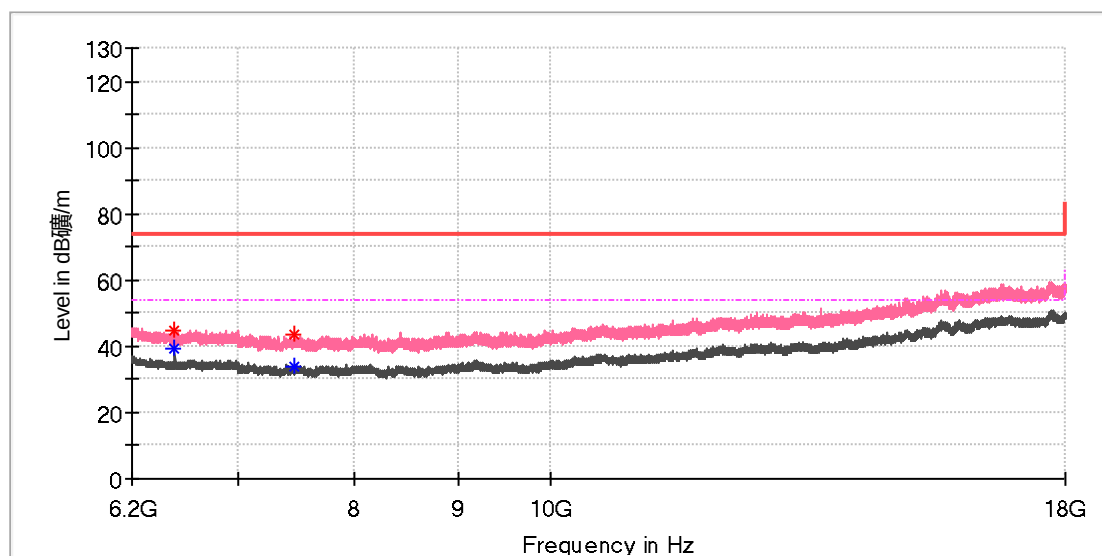
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6511.716667	43.86	---	74.00	30.14	100.0	H	241.0	8.8
6511.716667	---	37.48	54.00	16.52	100.0	H	241.0	8.8
7431.133333	---	34.00	54.00	20.00	100.0	H	97.0	8.4
7436.541667	42.90	---	74.00	31.10	100.0	H	191.0	8.4

Final_Result

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

EUT Information

EUT Name:	WI-FI + BT combo module
Model:	17WFM26
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168367617/A003240432-001
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

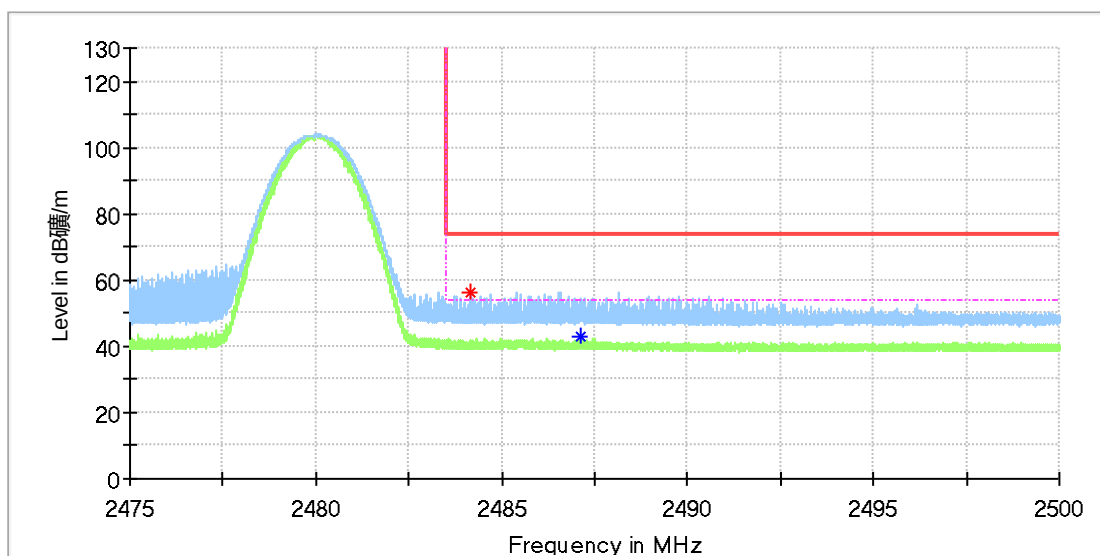
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6511.716667	44.51	---	74.00	29.49	100.0	V	306.0	8.8
6511.716667	---	39.03	54.00	14.97	100.0	V	306.0	8.8
7464.566667	---	33.71	54.00	20.29	100.0	V	342.0	8.6
7466.533333	43.40	---	74.00	30.60	100.0	V	185.0	8.6

Final_Result

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

EUT Information

EUT Name:	WI-FI + BT combo module
Model:	17WFM26
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168367617/A003240432-001
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

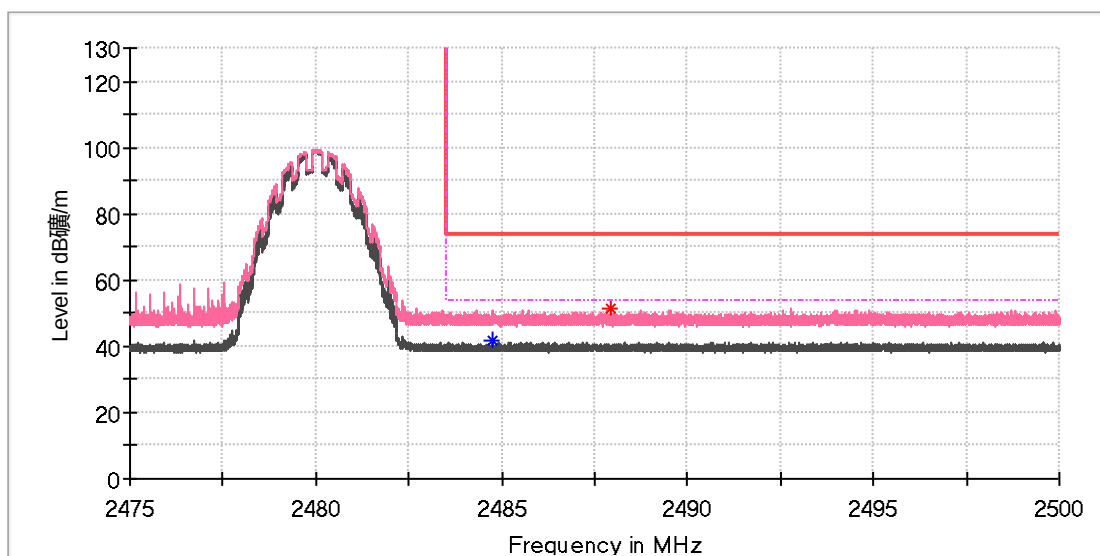
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.162500	56.36	---	74.00	17.64	100.0	H	6.0	7.4
2487.120000	---	42.96	54.00	11.04	100.0	H	228.0	7.4

Final_Result

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

EUT Information

EUT Name:	WI-FI + BT combo module
Model:	17WFM26
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168367617/A003240432-001
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.767500	---	41.71	54.00	12.29	100.0	V	45.0	7.4
2487.950000	51.56	---	74.00	22.44	100.0	V	0.0	7.4

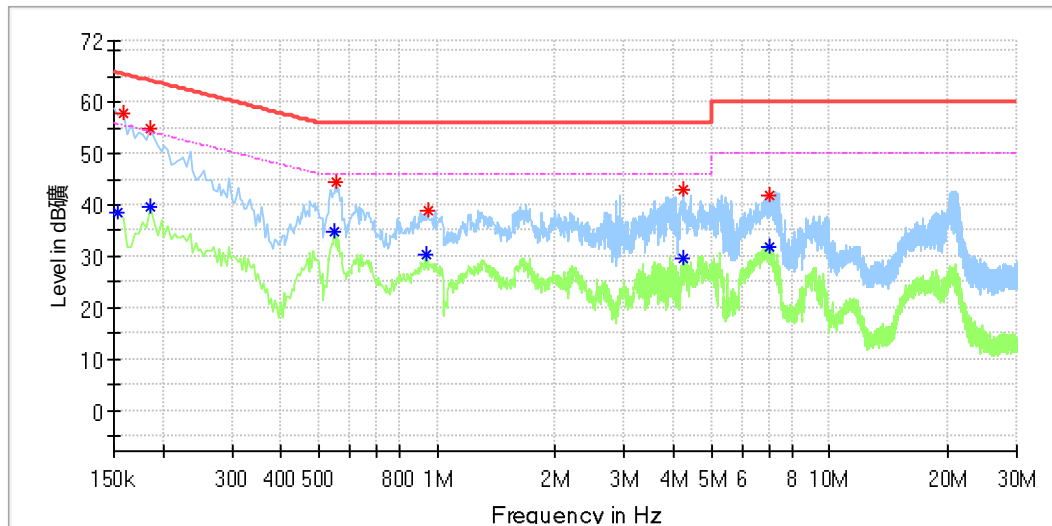
Final_Result

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

Appendix B.8: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name:	Wi-Fi + BT combo module
Order No:	168367617/A003240432-001
Model:	17WFM26
Test mode:	Wi-Fi & BT Link
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC 15.247/RSS 247
Test By:/Review By:	William Wang/Terry Yin
Remark:	SR2



Critical_Freqs

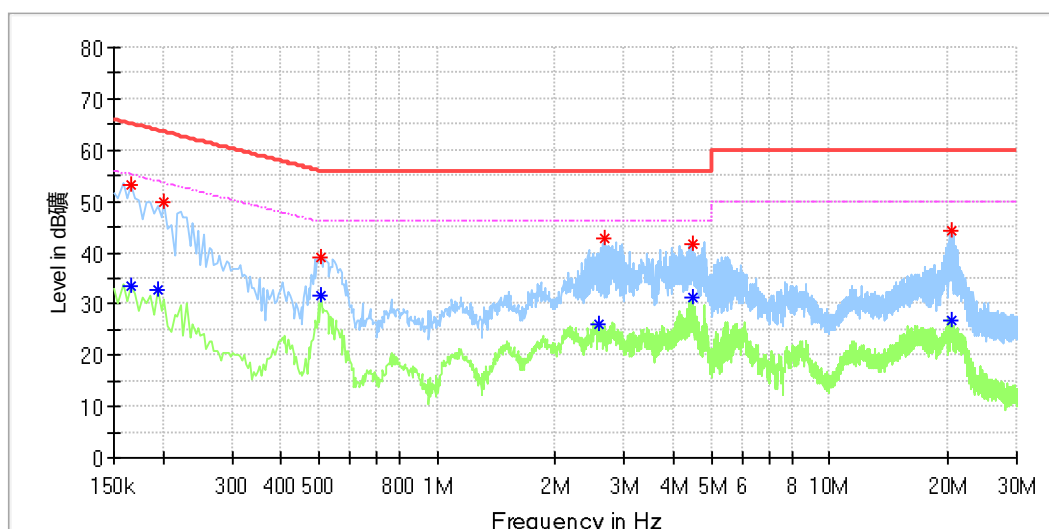
Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.154000	---	38.48	55.78	17.30	N	9.8
0.158000	58.02	---	65.57	7.55	N	9.8
0.186000	55.01	---	64.21	9.21	N	9.8
0.186000	---	39.58	54.21	14.64	N	9.8
0.546000	---	34.64	46.00	11.36	N	9.8
0.550000	44.41	---	56.00	11.59	N	9.8
0.938000	---	30.51	46.00	15.49	N	9.8
0.950000	38.90	---	56.00	17.10	N	9.8
4.242000	---	29.76	46.00	16.24	N	9.9
4.242000	42.79	---	56.00	13.21	N	9.9
6.998000	---	31.96	50.00	18.04	N	10.0
7.006000	41.89	---	60.00	18.11	N	10.0

Final Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
93.5	-100	-100	-100	0	100	100		

EUT Information

EUT Name:	Wi-Fi + BT combo module
Order No:	168367617/A003240432-001
Model:	17WFM26
Test mode:	Wi-Fi & BT Link
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC 15.247/RSS 247
Test By:/Review By:	William Wang/Terry Yin
Remark:	SR2



Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.166000	---	33.55	55.16	21.61	L1	9.9
0.166000	53.20	---	65.16	11.96	L1	9.9
0.194000	---	32.66	53.86	21.21	L1	9.9
0.202000	49.73	---	63.53	13.80	L1	9.9
0.506000	39.07	---	56.00	16.93	L1	10.0
0.506000	---	31.50	46.00	14.50	L1	10.0
2.578000	---	26.15	46.00	19.85	L1	10.2
2.686000	42.75	---	56.00	13.25	L1	10.2
4.470000	41.81	---	56.00	14.19	L1	10.2
4.470000	---	31.24	46.00	14.76	L1	10.2
20.414000	44.22	---	60.00	15.78	L1	10.4
20.538000	---	26.97	50.00	23.03	L1	10.4

Final Result

[illegible]

Appendix C: Test Results of Bluetooth LE

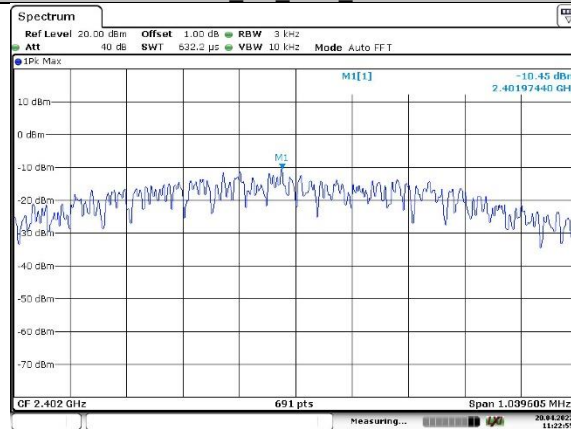
APPENDIX C: TEST RESULTS OF BLUETOOTH LE	1
APPENDIX C.1: TEST RESULTS OF CONDUCTED POWER SPECTRAL DENSITY	2
GFSK(BLE) Mode, 1Mbps.....	2
GFSK(BLE) Mode, 2Mbps.....	3
GFSK(BLE) Mode, 1Mbps.....	5
GFSK(BLE) Mode, 2Mbps.....	8
APPENDIX C.3: TEST RESULTS OF 99% BANDWIDTH	11
GFSK(BLE) Mode, 1Mbps.....	12
GFSK(BLE) Mode, 2Mbps.....	15
APPENDIX C.4: TEST RESULTS OF CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 kHz BANDWIDTH	18
GFSK(BLE) Mode, 1Mbps.....	18
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APPENDIX C.5: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS.....	24
30 MHz to 1GHz.....	24
Above 1GHz.....	26
APPENDIX C.7: CONDUCTED EMISSIONS FOR AC MAINS	42

Appendix C.1: Test Results of Conducted Power Spectral Density

GFSK(BLE) Mode, 1Mbps

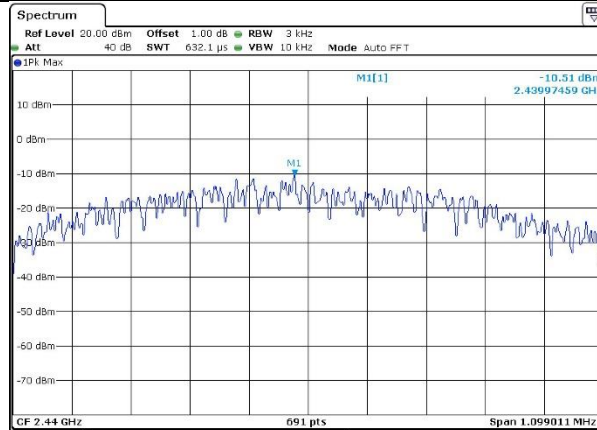
TestMode	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	2402	-10.45	≤8.00	PASS
	2440	-10.51	≤8.00	PASS
	2480	-10.17	≤8.00	PASS
BLE_2M	2402	-12.83	≤8.00	PASS
	2440	-13.01	≤8.00	PASS
	2480	-12.74	≤8.00	PASS

BLE 1M Ant1 2402



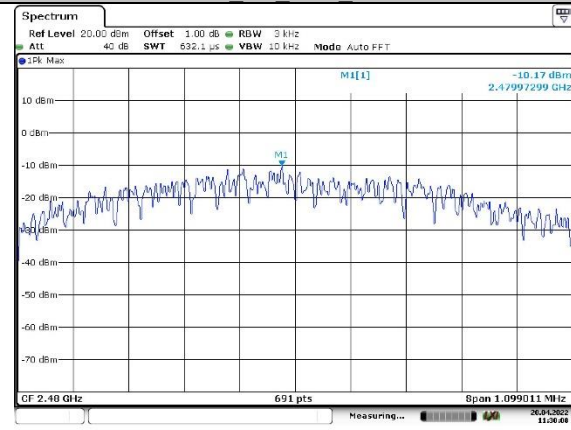
Date: 20.Apr.2022 11:22:55

BLE 1M Ant1 2440



Date: 20.Apr.2022 11:26:12

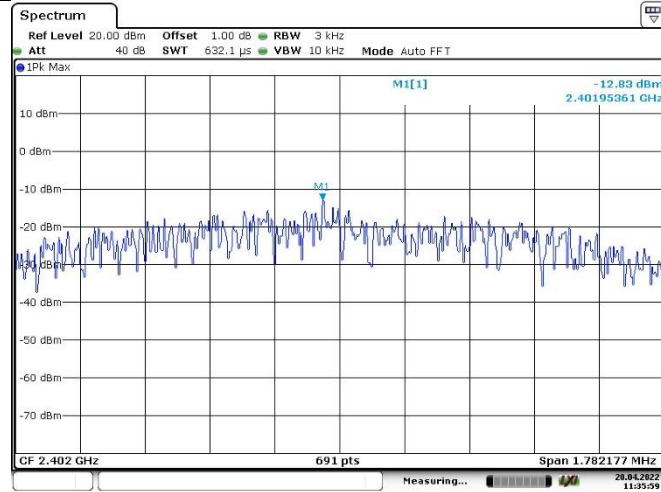
BLE 1M Ant1 2480



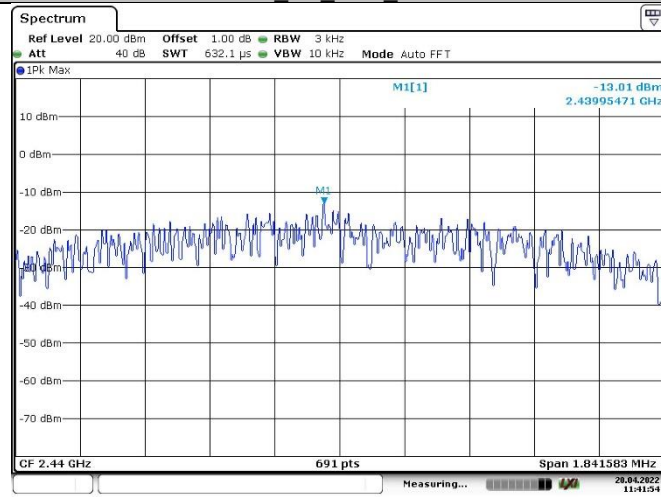
Date: 20.Apr.2022 11:30:09

GFSK(BLE) Mode, 2Mbps

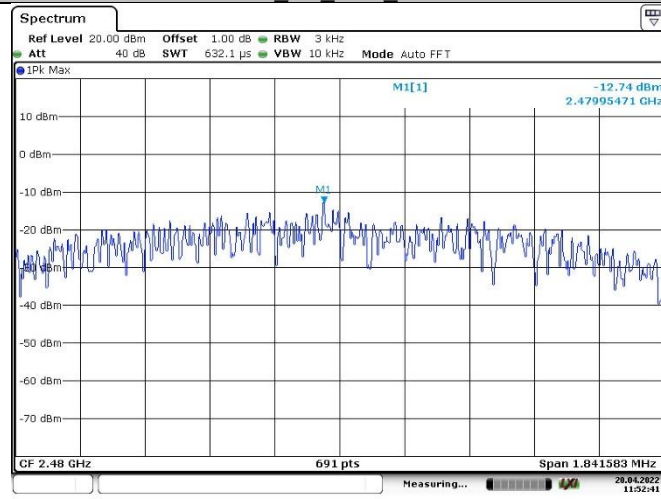
BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480



Appendix C.2: Test Results of 6dB Bandwidth

TestMode	Channel	DTS BW [MHz]	Limit[MHz]	Verdict
BLE_1M	2402	0.693	0.5	PASS
	2440	0.733	0.5	PASS
	2480	0.733	0.5	PASS
BLE_2M	2402	1.188	0.5	PASS
	2440	1.228	0.5	PASS
	2480	1.228	0.5	PASS

GFSK(BLE) Mode, 1Mbps

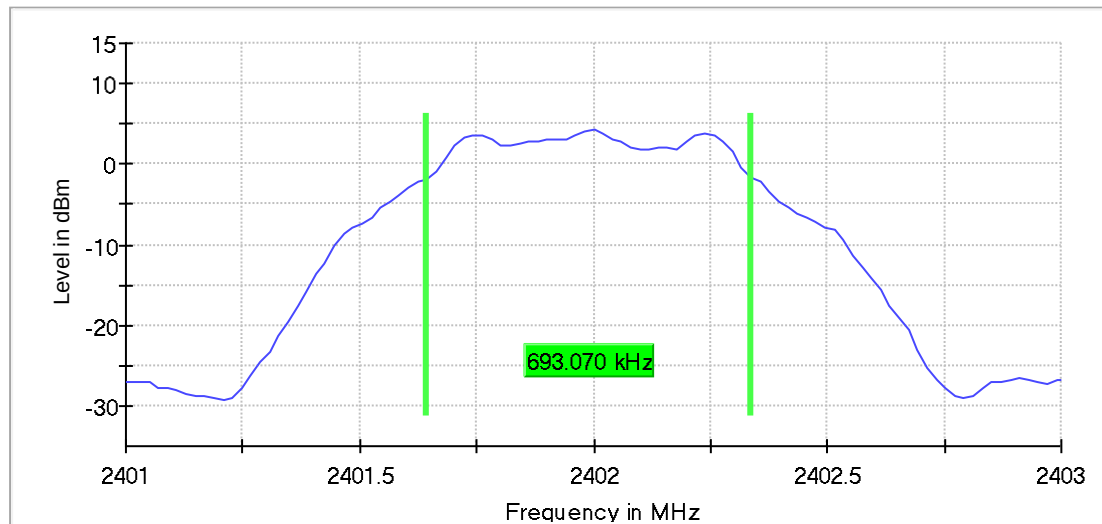
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	0.693070	0.500000	---	2401.643564	2402.336634

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2402.000000	4.2	PASS

6 dB Bandwidth



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
Sweptime	18.938 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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	11 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.11 dB	0.50 dB

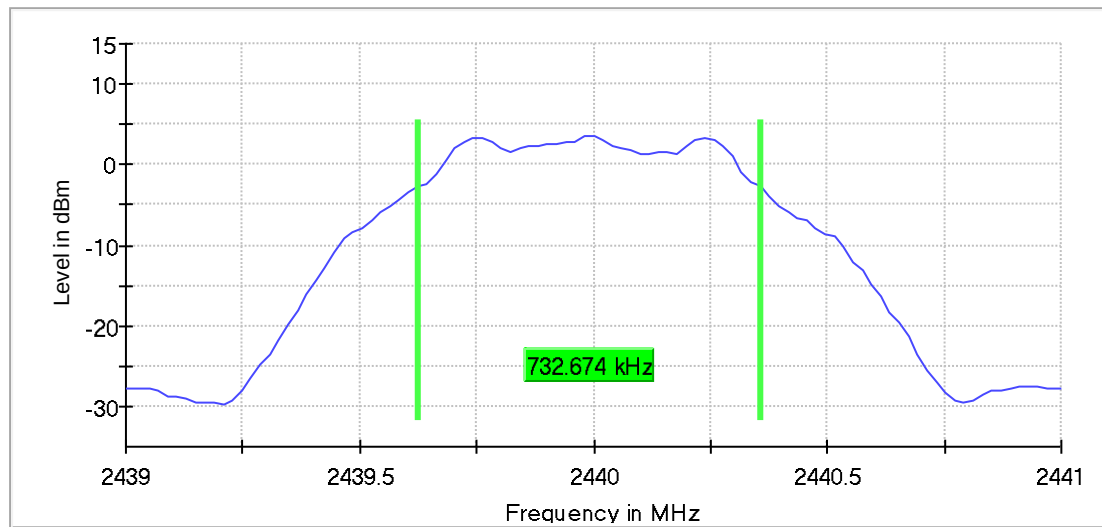
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	0.732674	0.500000	---	2439.623762	2440.356436

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2440.000000	3.6	PASS

6 dB Bandwidth



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
Sweptime	18.938 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	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	0.00 dB	0.50 dB

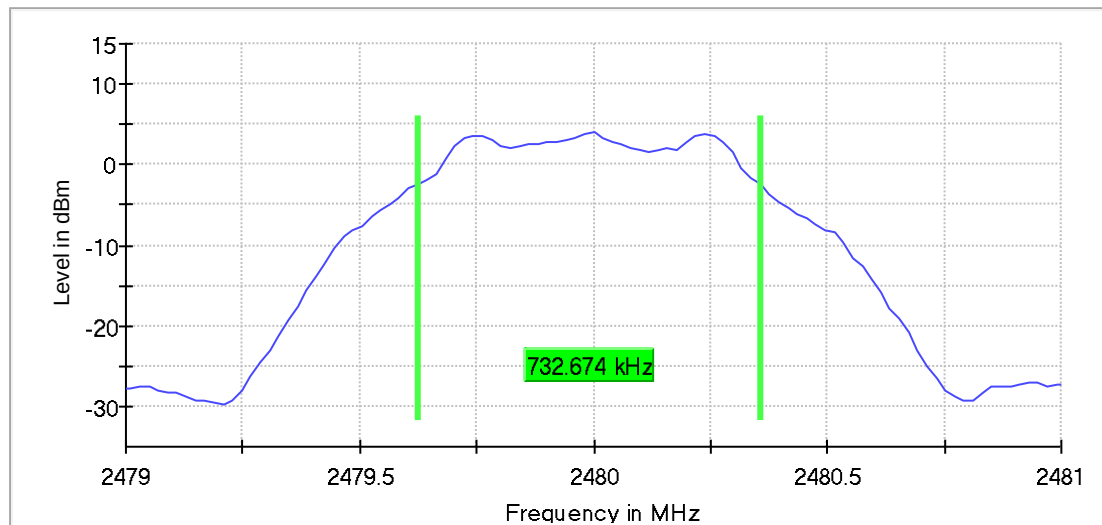
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	0.732674	0.500000	---	2479.623762	2480.356436

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2480.000000	4.0	PASS

6 dB Bandwidth



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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	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	0.14 dB	0.50 dB

GFSK(BLE) Mode, 2Mbps

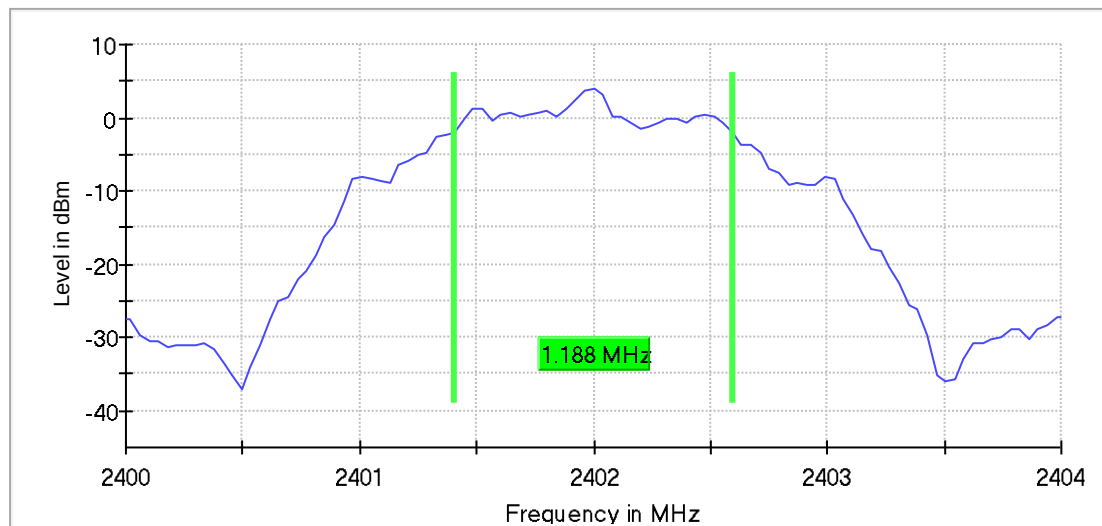
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	1.188118	0.500000	---	2401.405941	2402.594059

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2402.000000	4.0	PASS

6 dB Bandwidth



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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	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	0.05 dB	0.50 dB

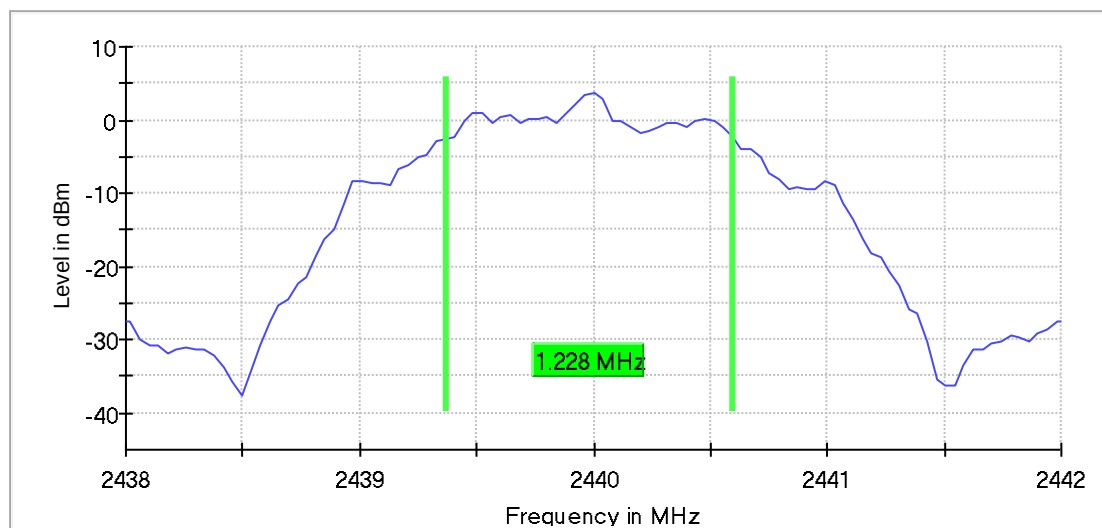
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	1.227722	0.500000	---	2439.366337	2440.594059

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2440.000000	3.8	PASS

6 dB Bandwidth



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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	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	0.14 dB	0.50 dB

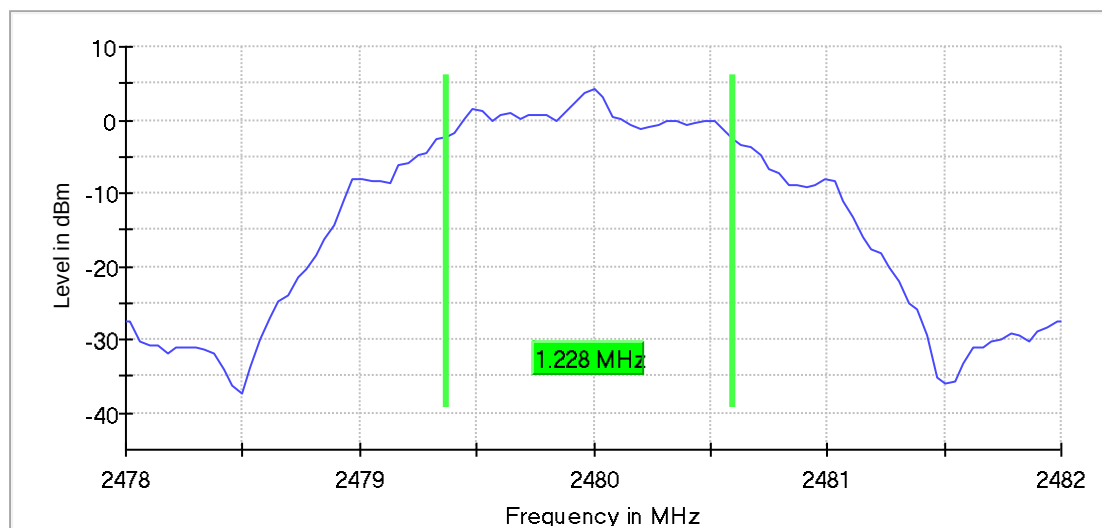
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	1.227722	0.500000	---	2479.366337	2480.594059

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2480.000000	4.1	PASS

6 dB Bandwidth



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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	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	0.16 dB	0.50 dB

Appendix C.3: Test Results of 99% Bandwidth

TestMode	Channel	OCB [MHz]	Limit[MHz]	Verdict
BLE_1M	2402	1.030	---	---
	2440	1.030	---	---
	2480	1.030	---	---
BLE_2M	2402	2.060	---	---
	2440	2.060	---	---
	2480	2.060	---	---

GFSK(BLE) Mode, 1Mbps

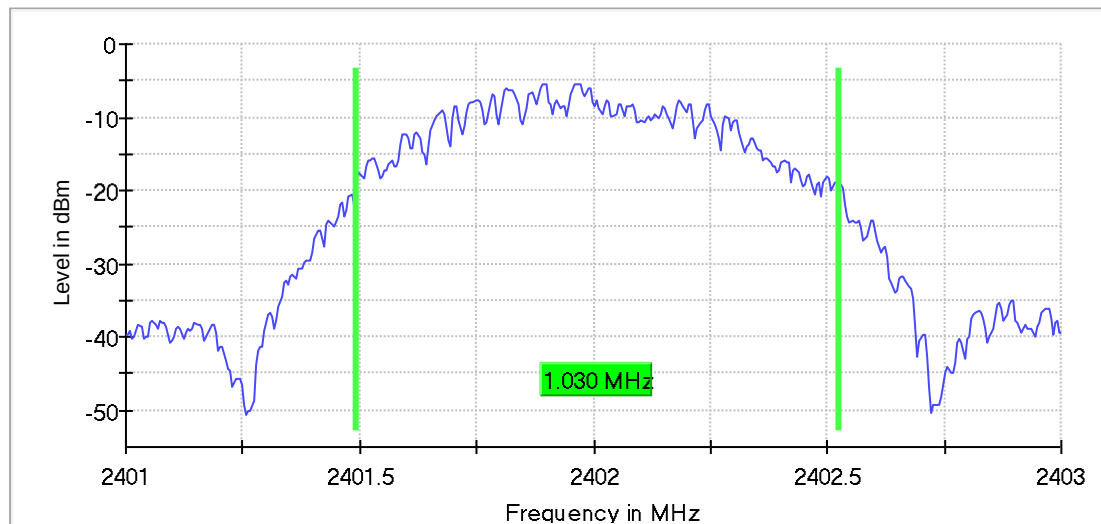
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	1.030000	---	---	2401.492500	2402.522500

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

DUT Frequency (MHz)	Result
2402.000000	PASS

99 % Bandwidth



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	0.000 dBm	0.000 dBm
Attenuation	20.000 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	6 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.04 dB	0.30 dB

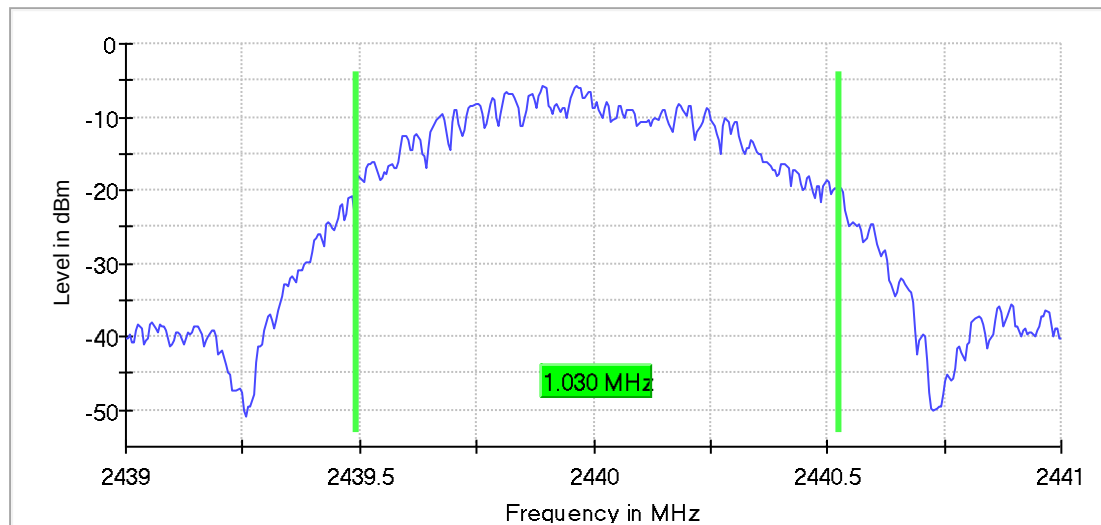
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	1.030000	---	---	2439.492500	2440.522500

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

DUT Frequency (MHz)	Result
2440.000000	PASS

99 % Bandwidth



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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	6 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.06 dB	0.30 dB

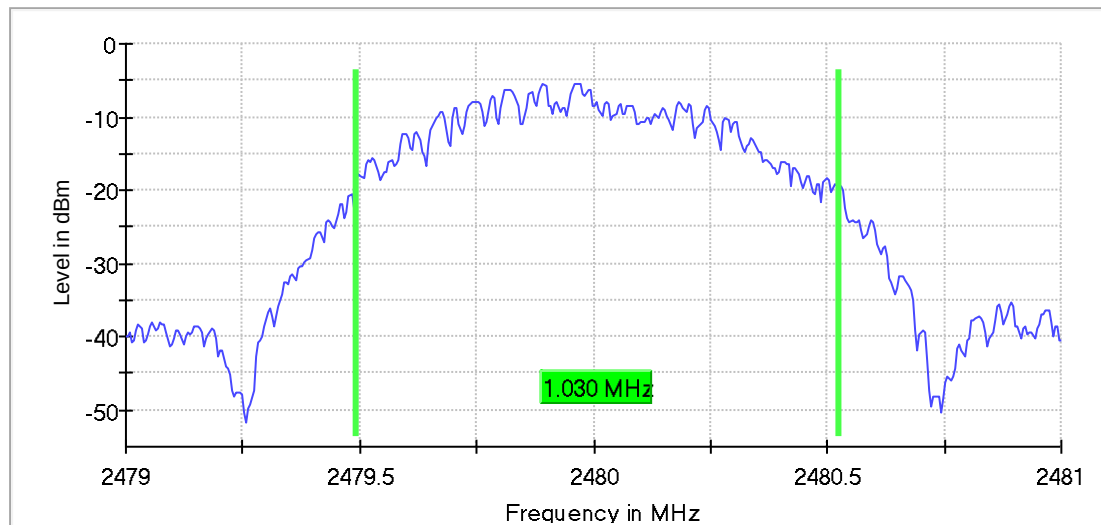
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	1.030000	---	---	2479.492500	2480.522500

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

DUT Frequency (MHz)	Result
2480.000000	PASS

99 % Bandwidth



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	0.000 dBm	0.000 dBm
Attenuation	20.000 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	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.10 dB	0.30 dB

GFSK(BLE) Mode, 2Mbps

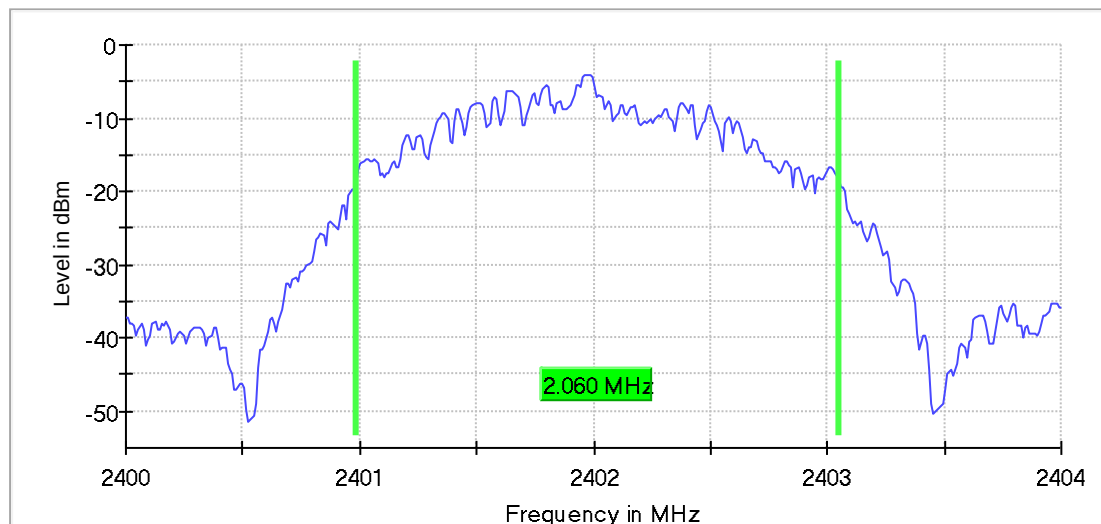
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	2.060000	---	---	2400.985000	2403.045000

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

DUT Frequency (MHz)	Result
2402.000000	PASS

99 % Bandwidth



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	0.000 dBm	0.000 dBm
Attenuation	20.000 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	6 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.15 dB	0.30 dB

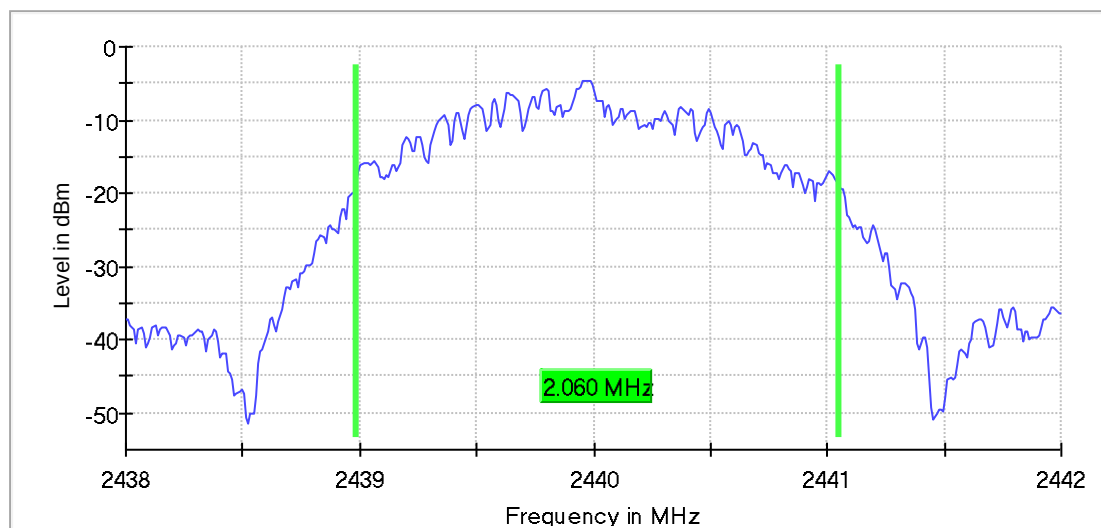
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	2.060000	---	---	2438.985000	2441.045000

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

DUT Frequency (MHz)	Result
2440.000000	PASS

99 % Bandwidth



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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	5 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.07 dB	0.30 dB

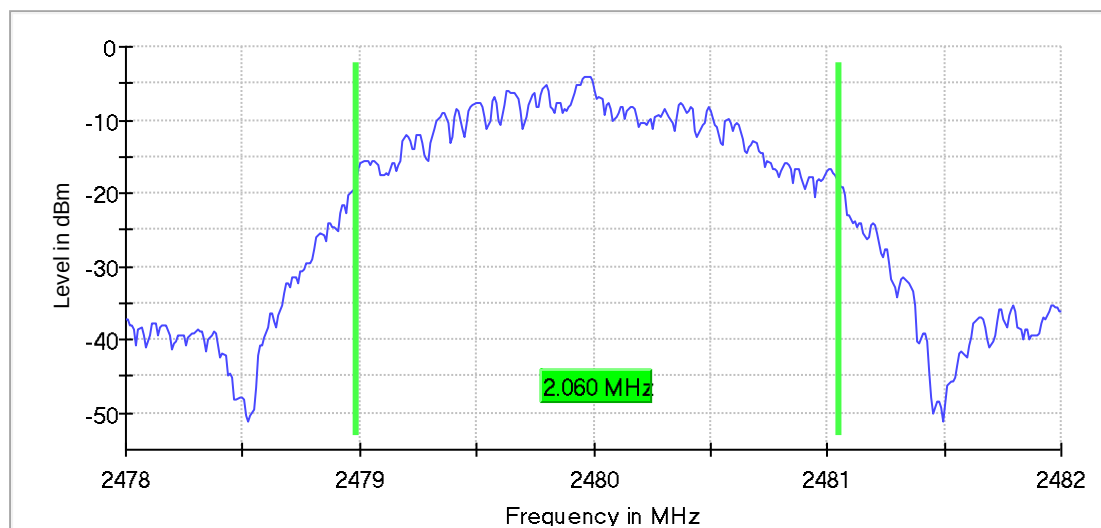
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	2.060000	---	---	2478.985000	2481.045000

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

DUT Frequency (MHz)	Result
2480.000000	PASS

99 % Bandwidth

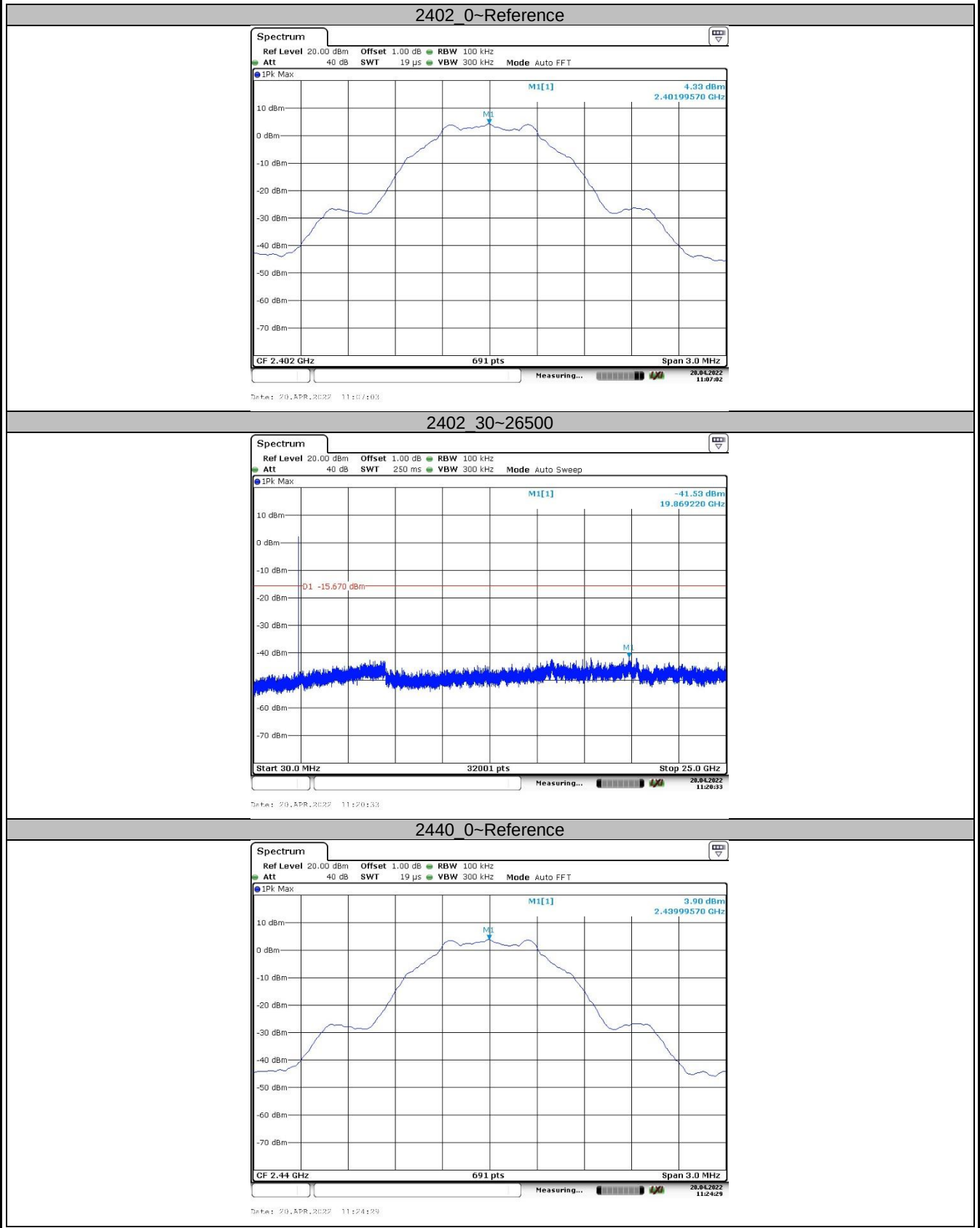


Measurement

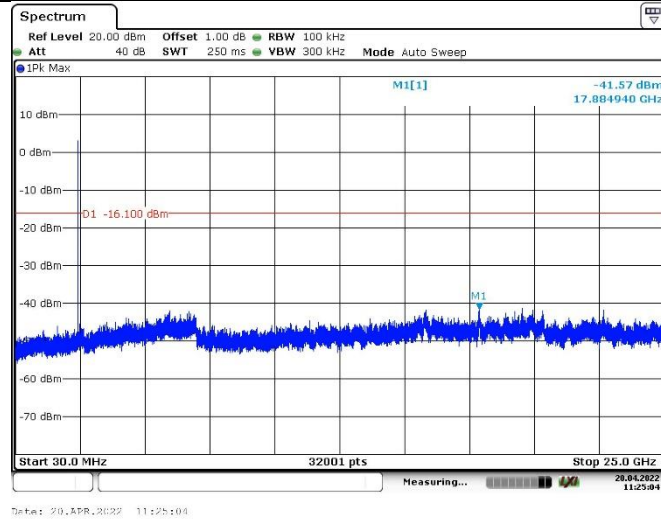
Setting	Instrument Value	Target Value
Start Frequency	2.47800 GHz	2.47800 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	4.000 MHz	4.000 MHz
RBW	20.000 kHz	>= 20.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	400	~ 400
SweepTime	94.824 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	7 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.19 dB	0.30 dB

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

GFSK(BLE) Mode, 1Mbps



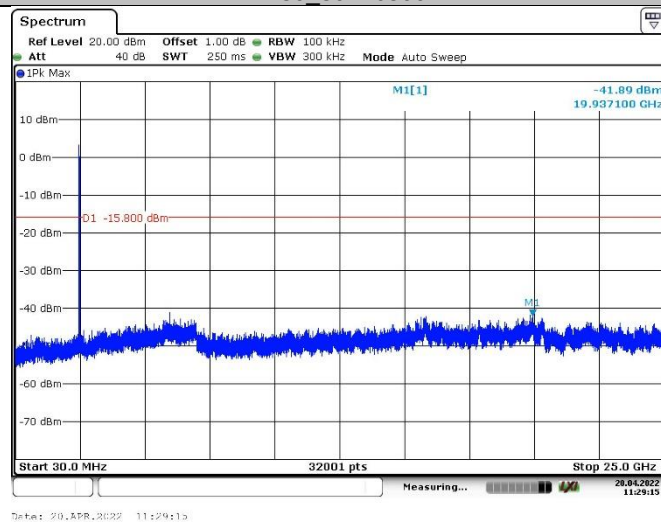
2440 30~26500



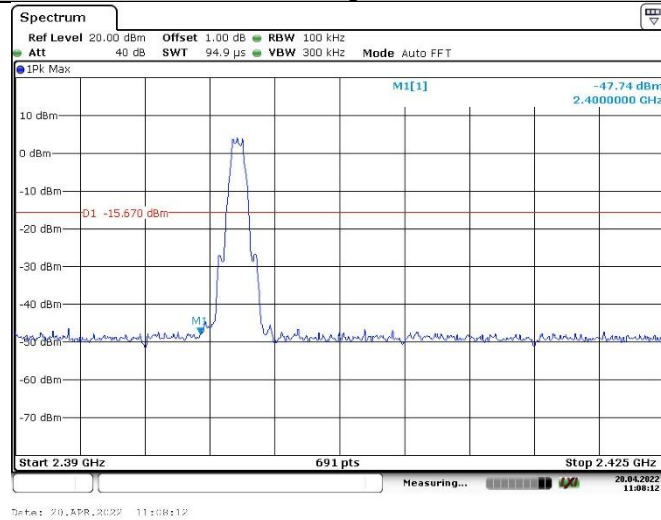
2480 0~Reference



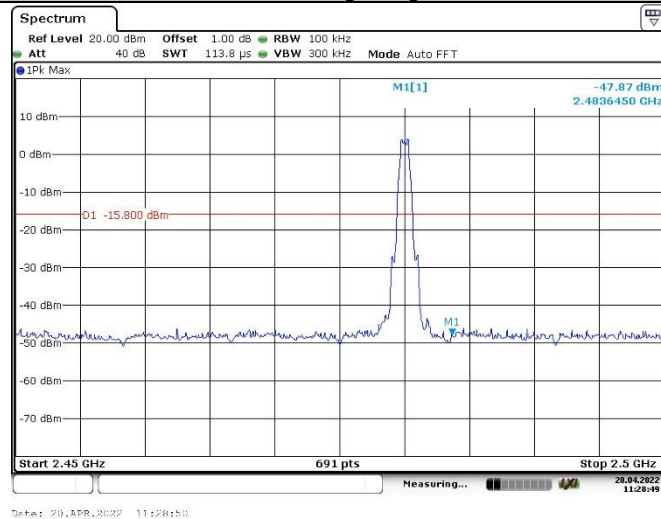
2480 30~26500



Band edge-Low



Band edge-High

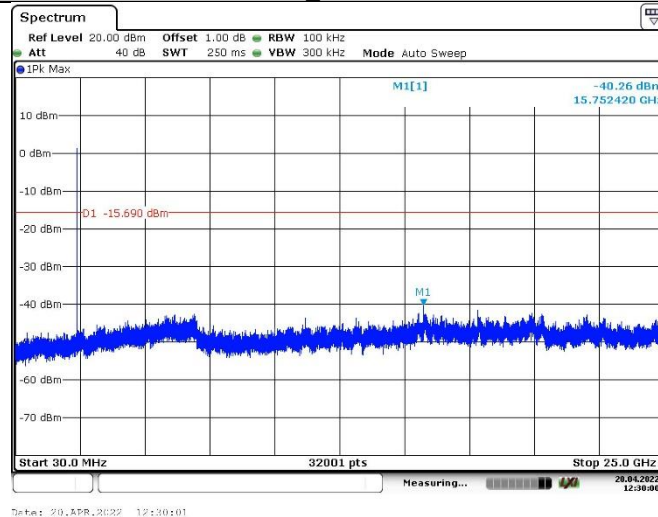


GFSK(BLE) Mode, 2Mbps

2402_0-Reference



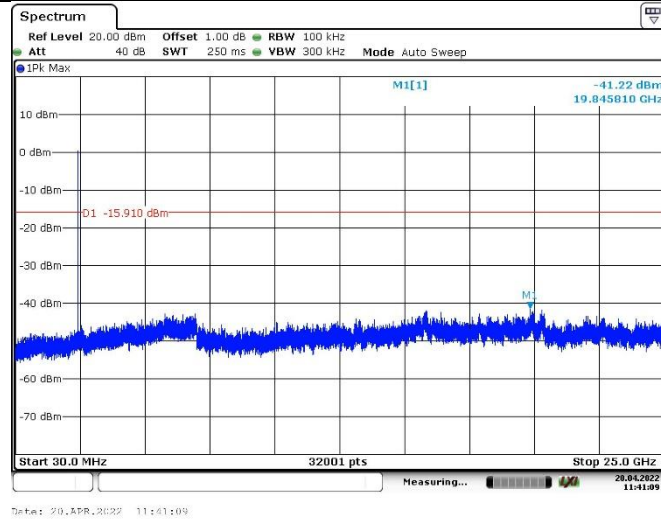
2402_30-26500



2440_0-Reference



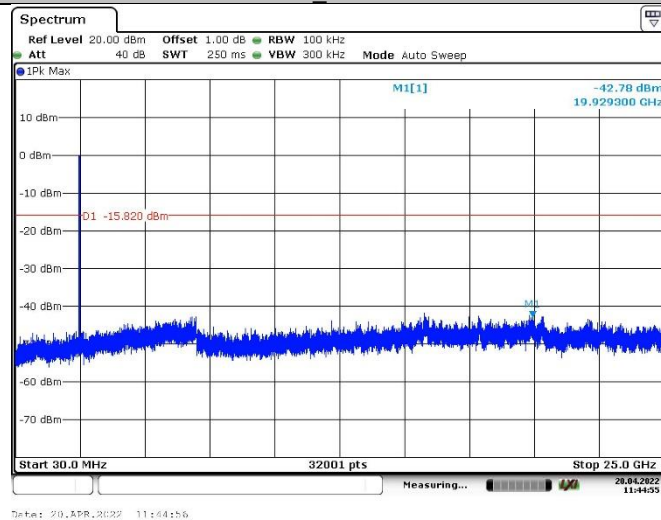
2440 30~26500



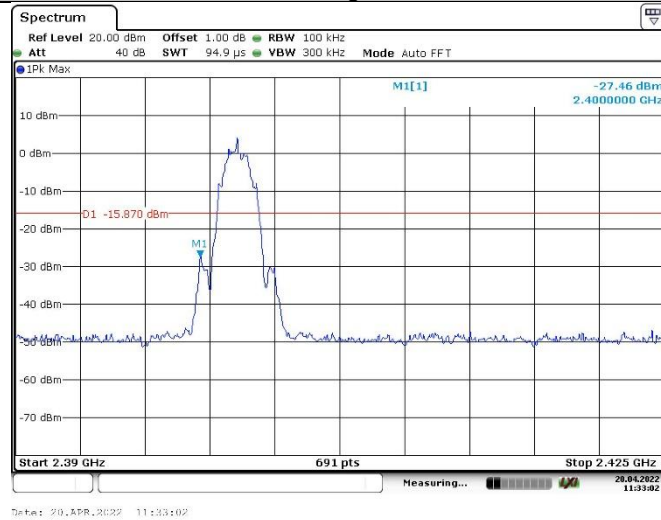
2480 0~Reference



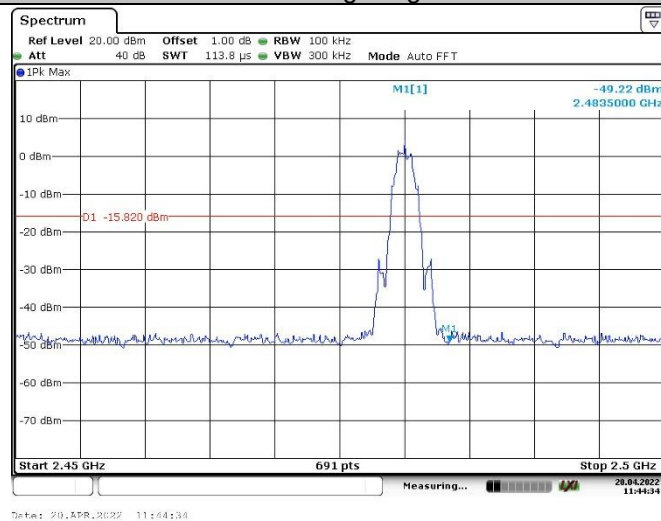
2480 30~1000



Band edge-Low



Band edge-High



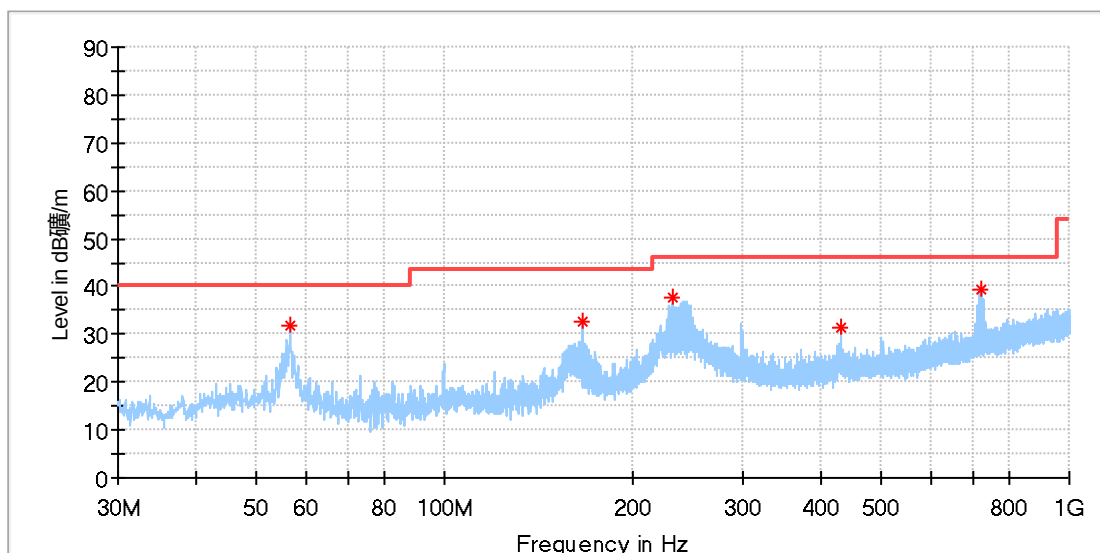
Appendix C.5: Test Results of Radiated Spurious Emissions

Note:

- 1) This testing was carried out on both 1Mbps and 2Mbps modes, 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.
- 3) The highest emissions are the fundamental waves.

EUT Information

EUT Name:	WI-FI + BT combo module
Model:	17WFM26
Test Mode:	BLE_Mid channel
Order No/Sample No:	168367617/A003240432-001
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

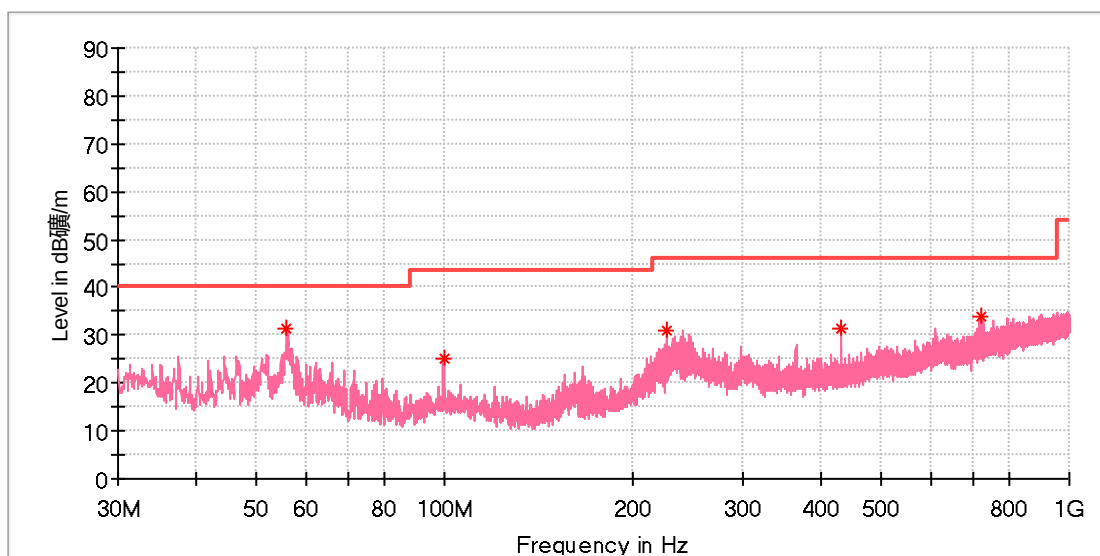
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
56.626500	31.62	40.00	8.38	100.0	H	299.0	-18.6
166.285000	32.79	43.50	10.71	100.0	H	20.0	-21.4
232.245000	37.82	46.00	8.18	100.0	H	254.0	-18.0
432.016500	31.27	46.00	14.73	100.0	H	120.0	-13.3
721.513000	39.32	46.00	6.68	100.0	H	227.0	-7.6

Final Result

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

EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BLE_Mid channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
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)
55.899000	31.27	40.00	8.73	100.0	V	238.0	-18.5
99.597500	25.22	43.50	18.28	100.0	V	320.0	-19.1
226.473500	30.91	46.00	15.09	100.0	V	270.0	-18.2
432.016500	31.58	46.00	14.42	100.0	V	245.0	-13.3
720.737000	33.99	46.00	12.01	100.0	V	0.0	-7.6

Final_Result

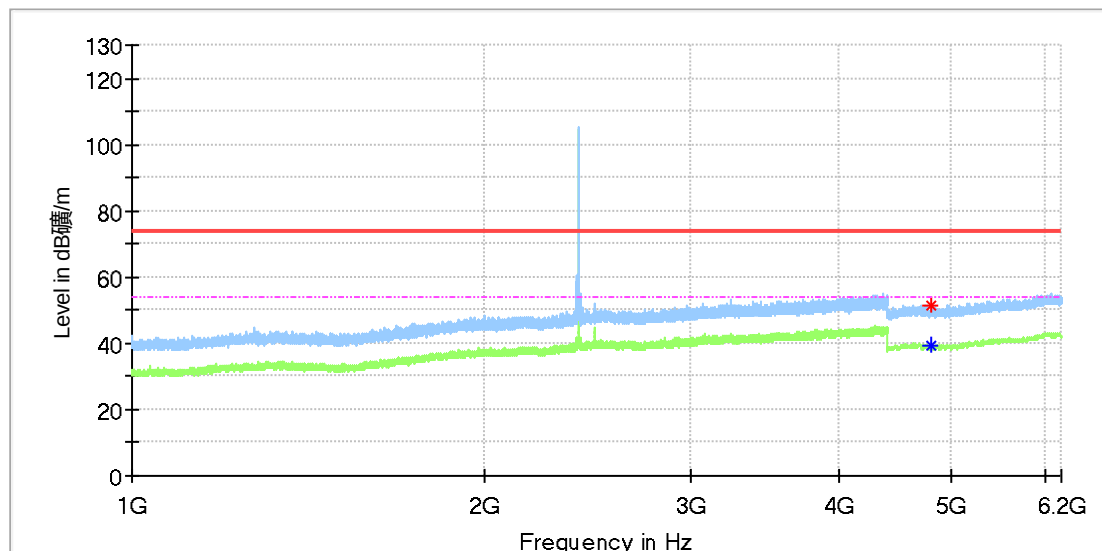
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

Above 1GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

EUT Information

EUT Name:	WI-FI + BT combo module
Model:	17WFM26
Test Mode:	BLE_Low channel
Order No/Sample No:	168367617/A003240432-001
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

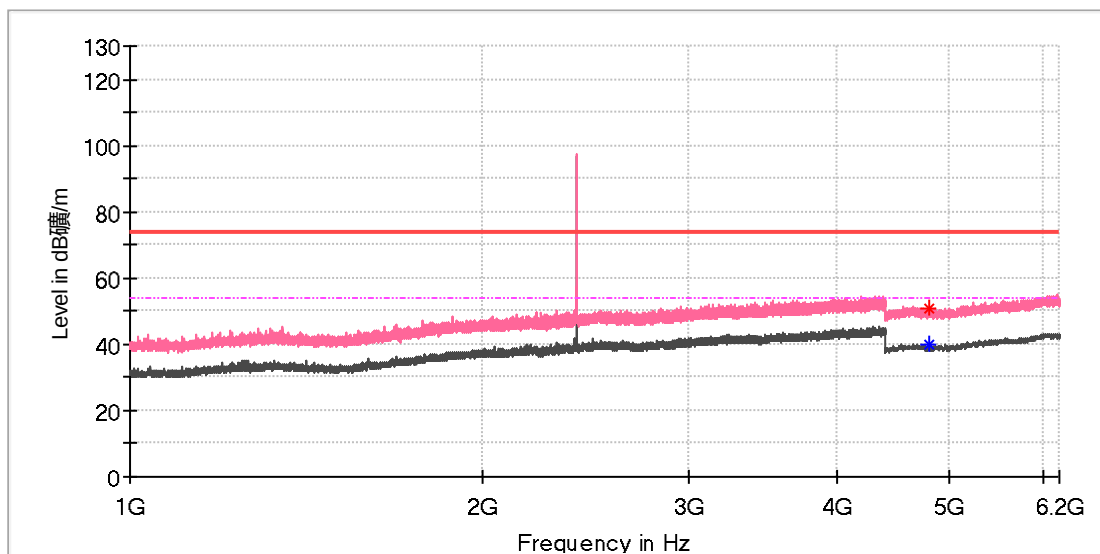
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4800.500000	---	39.36	54.00	14.64	100.0	H	246.0	11.8
4807.000000	51.46	---	74.00	22.54	100.0	H	13.0	11.8

Final Result

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

EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BLE_Low channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

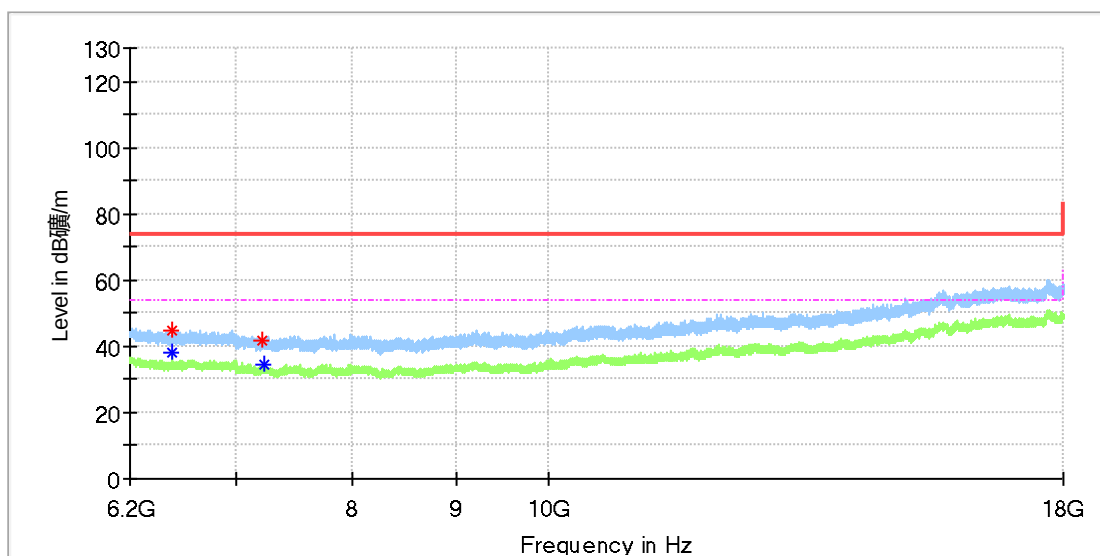
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4809.500000	50.94	---	74.00	23.06	100.0	V	32.0	11.8
4810.000000	---	39.69	54.00	14.31	100.0	V	178.0	11.8

Final_Result

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

EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BLE_Low channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

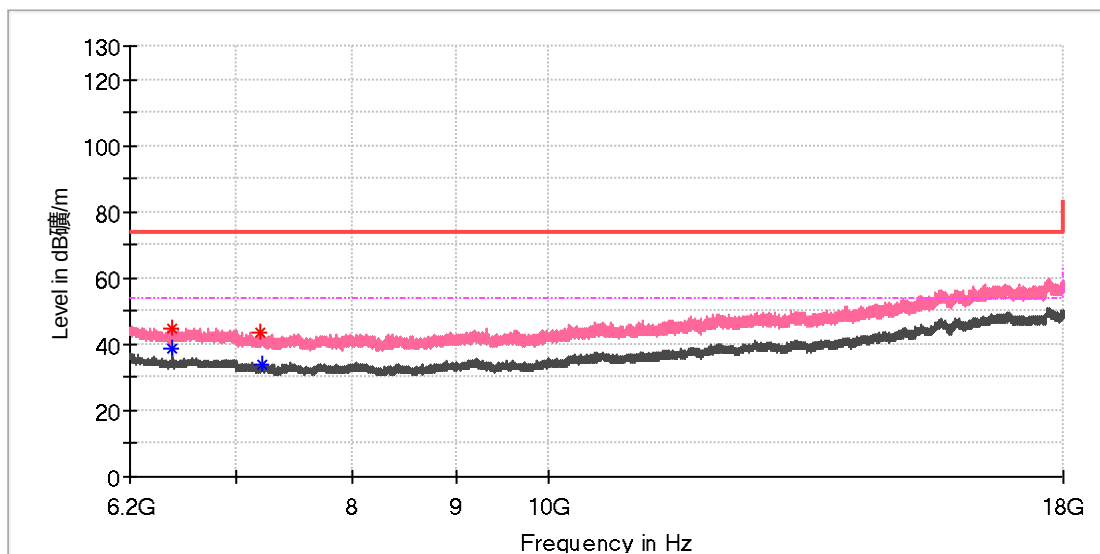
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6511.716667	44.54	---	74.00	29.46	100.0	H	144.0	8.8
6511.716667	---	37.93	54.00	16.07	100.0	H	144.0	8.8
7214.308333	41.99	---	74.00	32.01	100.0	H	70.0	8.7
7226.108333	---	34.37	54.00	19.63	100.0	H	180.0	8.7

Final_Result

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

EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BLE_Low channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

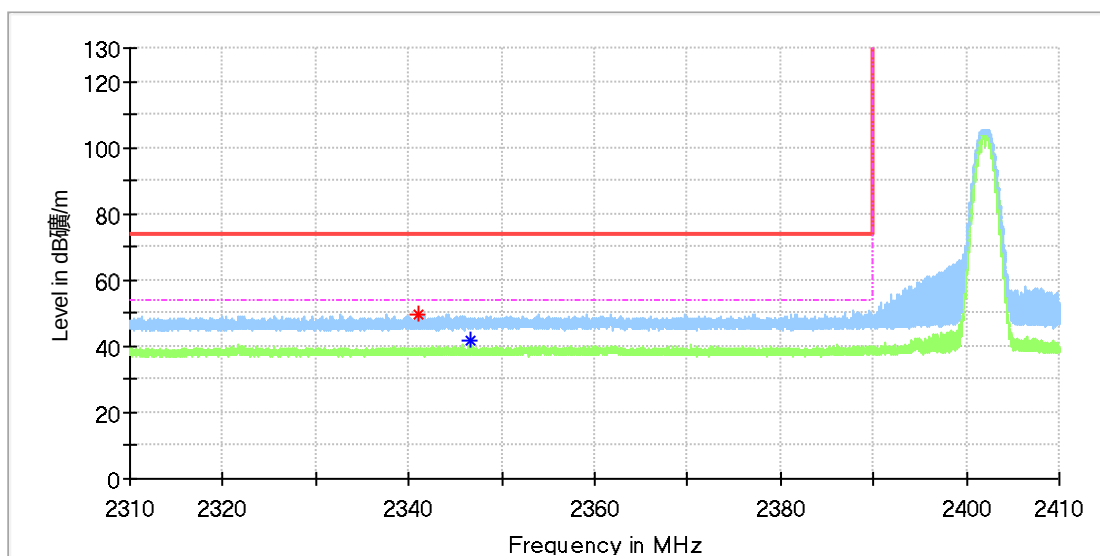
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6511.225000	44.87	---	74.00	29.13	100.0	V	318.0	8.8
6511.716667	---	38.48	54.00	15.52	100.0	V	279.0	8.8
7191.200000	43.61	---	74.00	30.39	100.0	V	0.0	8.8
7214.308333	---	34.03	54.00	19.97	100.0	V	169.0	8.7

Final_Result

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

EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BLE_Low channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

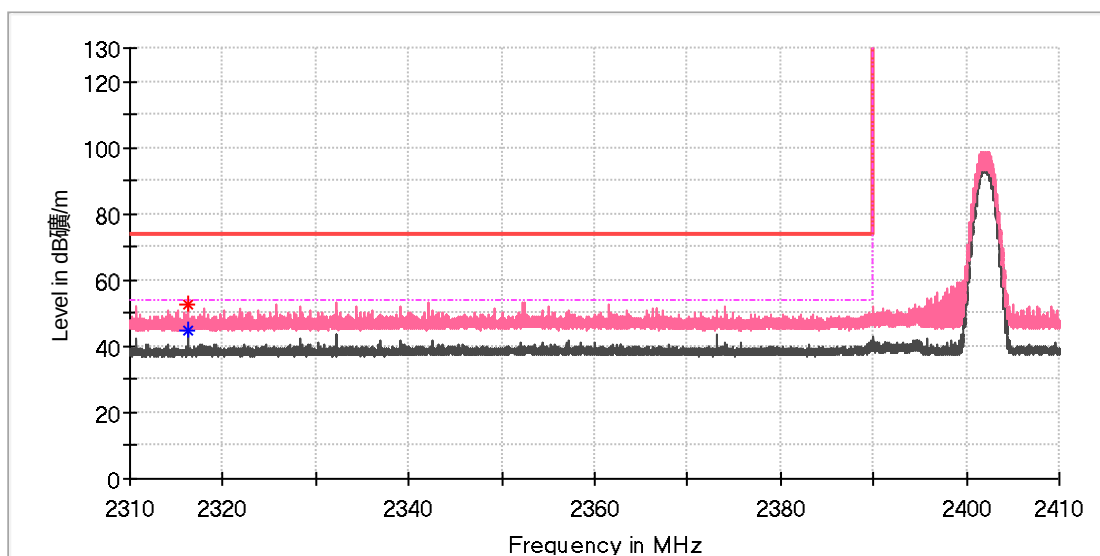
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2340.990000	49.77	---	74.00	24.23	100.0	H	332.0	6.8
2346.660000	---	41.78	54.00	12.22	100.0	H	212.0	6.9

Final_Result

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

EUT Information

EUT Name:	WI-FI + BT combo module
Model:	17WFM26
Test Mode:	BLE_Low channel
Order No/Sample No:	168367617/A003240432-001
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

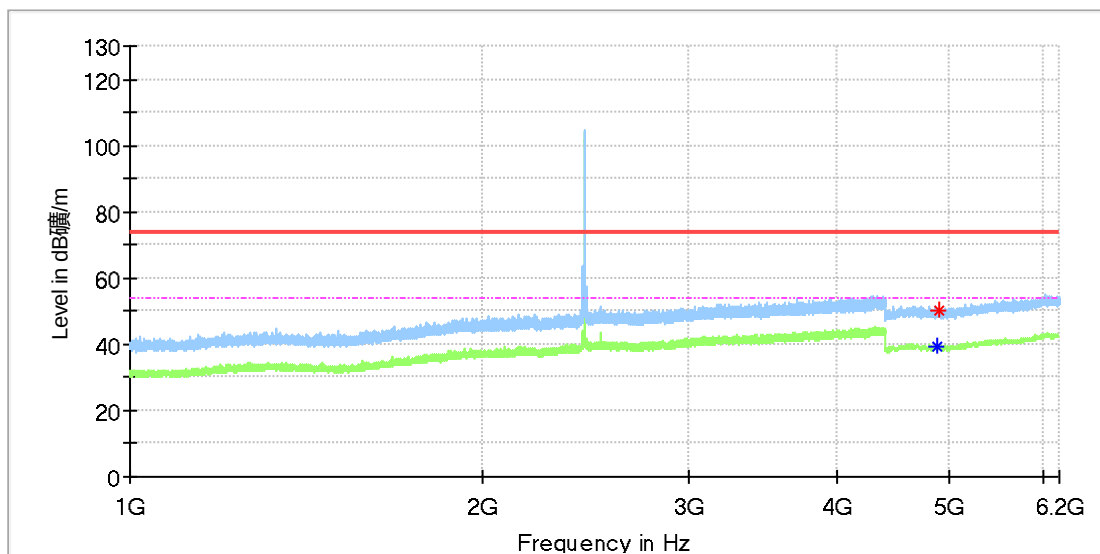
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2316.195000	52.60	---	74.00	21.40	100.0	V	148.0	6.6
2316.195000	---	44.68	54.00	9.32	100.0	V	148.0	6.6

Final_Result

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

EUT Information

EUT Name:	WI-FI + BT combo module
Model:	17WFM26
Test Mode:	BLE_Mid channel
Order No/Sample No:	168367617/A003240432-001
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

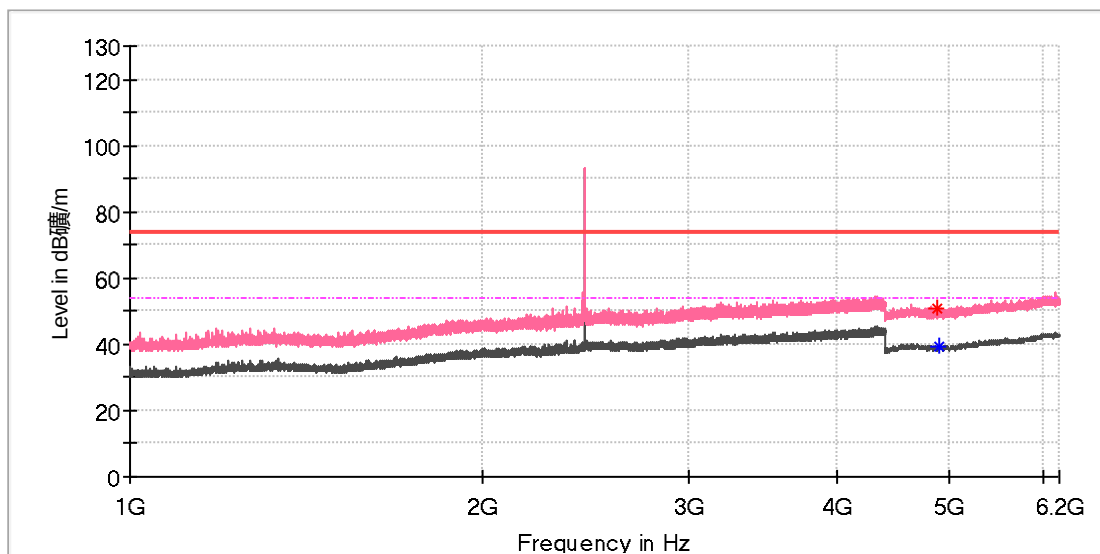
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4879.500000	---	39.05	54.00	14.95	100.0	H	263.0	11.8
4889.500000	50.34	---	74.00	23.66	100.0	H	131.0	11.8

Final_Result

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

EUT Information

EUT Name:	WI-FI + BT combo module
Model:	17WFM26
Test Mode:	BLE_Mid channel
Order No/Sample No:	168367617/A003240432-001
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

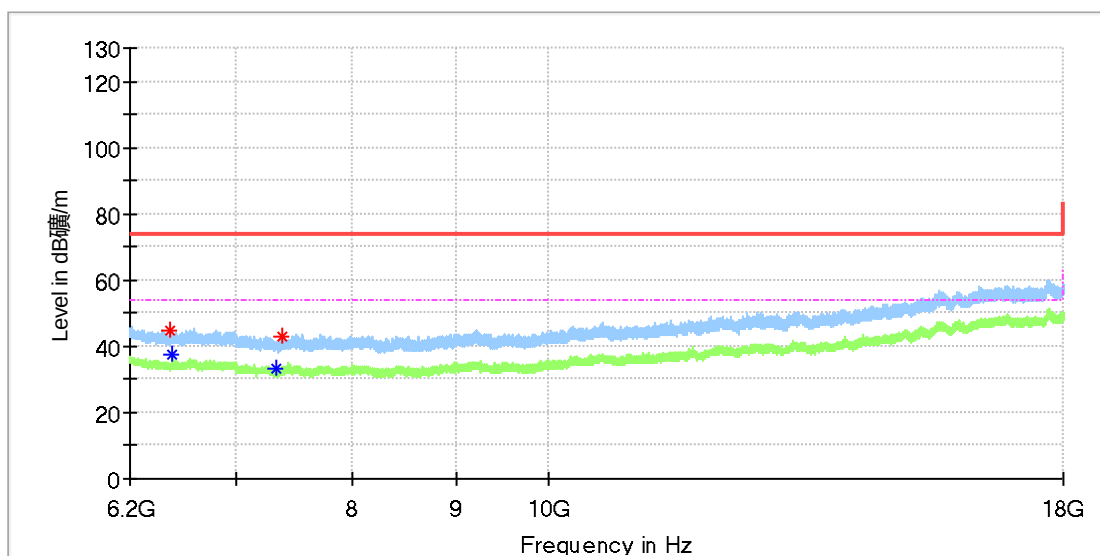
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4877.000000	50.65	---	74.00	23.35	100.0	V	6.0	11.8
4893.000000	---	39.22	54.00	14.78	100.0	V	123.0	11.8

Final_Result

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

EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BLE_Mid channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

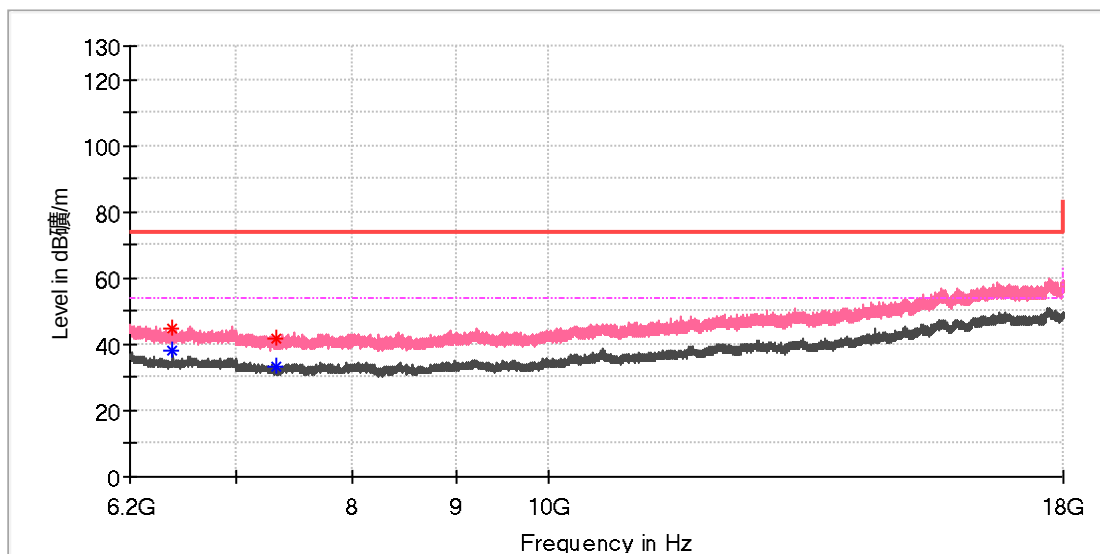
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6492.541667	44.52	---	74.00	29.48	100.0	H	126.0	8.8
6511.716667	---	37.75	54.00	16.25	100.0	H	298.0	8.8
7325.916667	---	33.12	54.00	20.88	100.0	H	165.0	8.2
7371.641667	42.88	---	74.00	31.12	100.0	H	57.0	8.2

Final_Result

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

EUT Information

EUT Name:	WI-FI + BT combo module
Model:	17WFM26
Test Mode:	BLE_Mid channel
Order No/Sample No:	168367617/A003240432-001
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

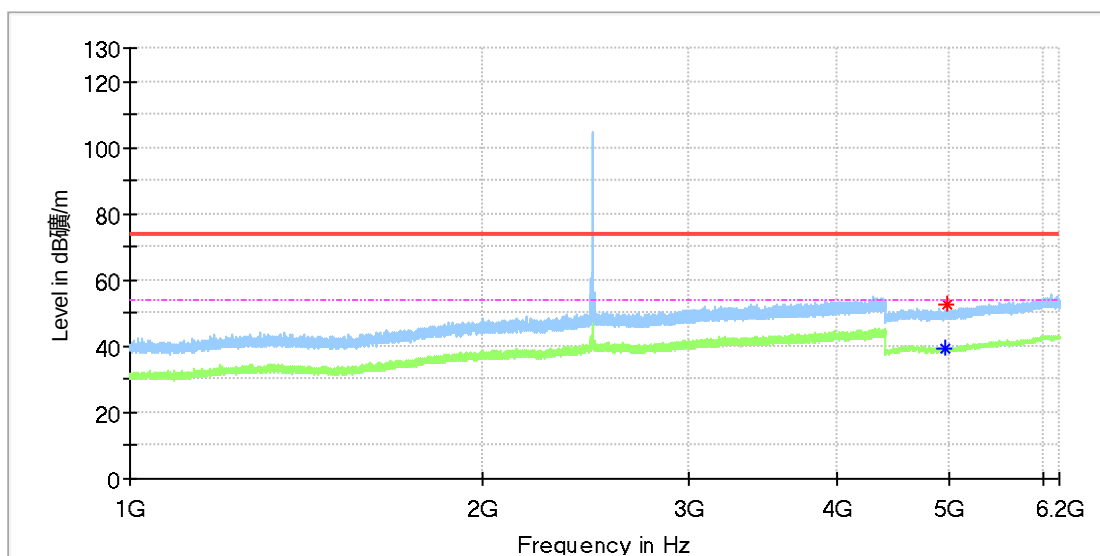
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6511.716667	44.98	---	74.00	29.02	100.0	V	251.0	8.8
6511.716667	---	38.32	54.00	15.68	100.0	V	251.0	8.8
7324.933333	41.62	---	74.00	32.38	100.0	V	113.0	8.2
7325.916667	---	33.22	54.00	20.78	100.0	V	27.0	8.2

Final_Result

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

EUT Information

EUT Name:	WI-FI + BT combo module
Model:	17WFM26
Test Mode:	BLE_High channel
Order No/Sample No:	168367617/A003240432-001
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

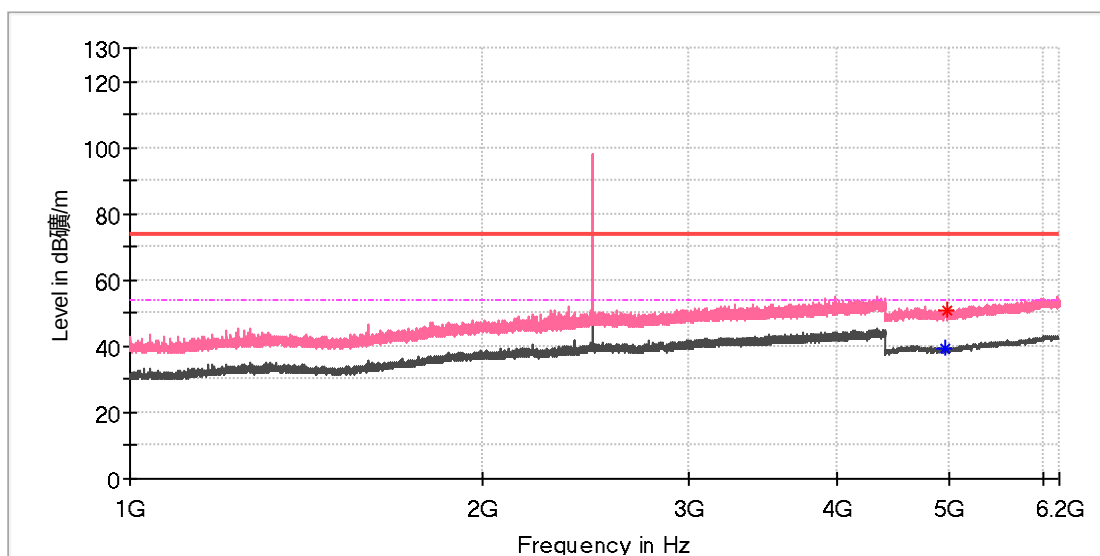
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4950.000000	---	39.46	54.00	14.54	100.0	H	127.0	11.8
4969.500000	52.33	---	74.00	21.67	100.0	H	51.0	11.8

Final_Result

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

EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BLE_High channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

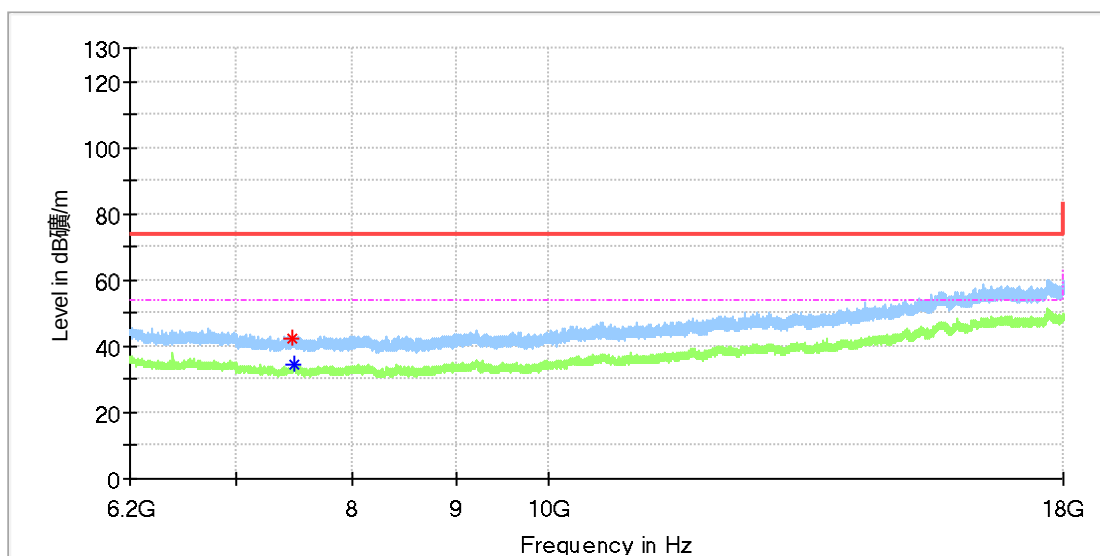
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4957.000000	---	39.50	54.00	14.50	100.0	V	46.0	11.8
4968.000000	51.02	---	74.00	22.98	100.0	V	160.0	11.8

Final_Result

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

EUT Information

EUT Name:	WI-FI + BT combo module
Model:	17WFM26
Test Mode:	BLE_High channel
Order No/Sample No:	168367617/A003240432-001
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

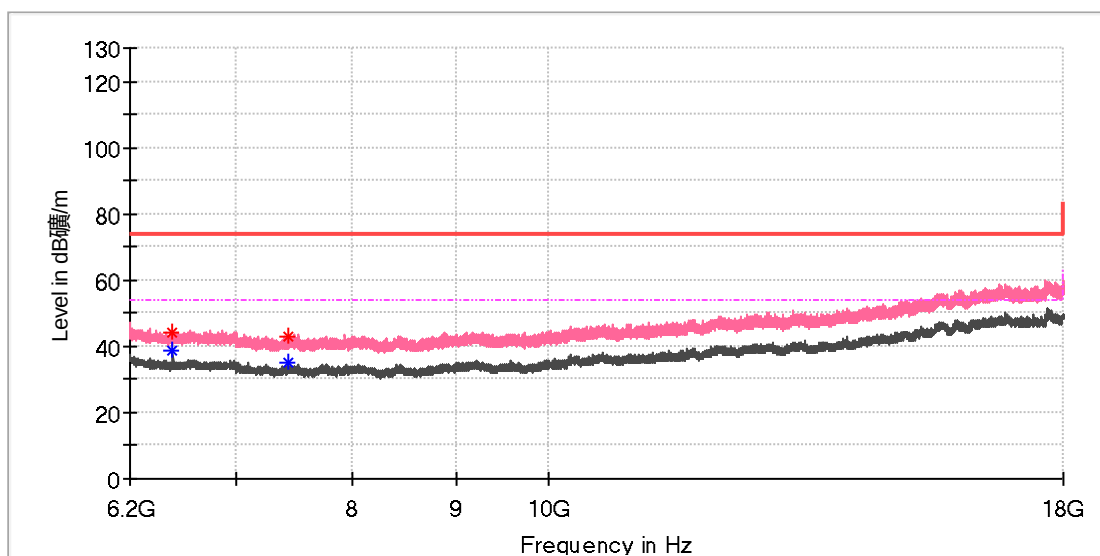
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7469.483333	42.57	---	74.00	31.43	100.0	H	1.0	8.6
7474.891667	---	34.45	54.00	19.55	100.0	H	234.0	8.6

Final_Result

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

EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BLE_High channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

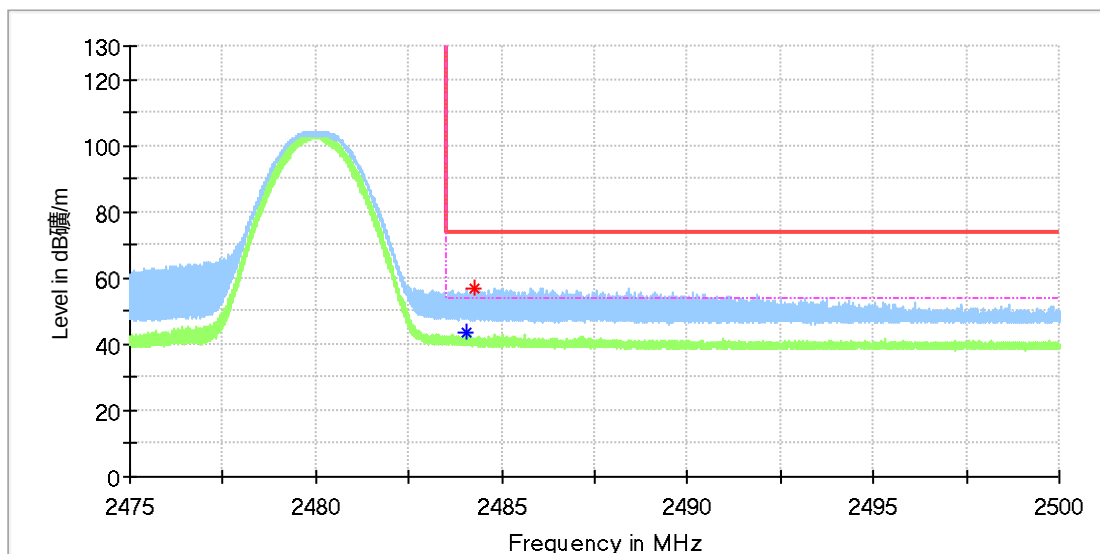
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6511.716667	---	38.93	54.00	15.07	100.0	V	263.0	8.8
6511.716667	44.36	---	74.00	29.64	100.0	V	263.0	8.8
7428.675000	---	34.82	54.00	19.18	100.0	V	63.0	8.4
7433.100000	42.70	---	74.00	31.30	100.0	V	0.0	8.4

Final_Result

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

EUT Information

EUT Name: WI-FI + BT combo module
Model: 17WFM26
Test Mode: BLE_High channel
Order No/Sample No: 168367617/A003240432-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

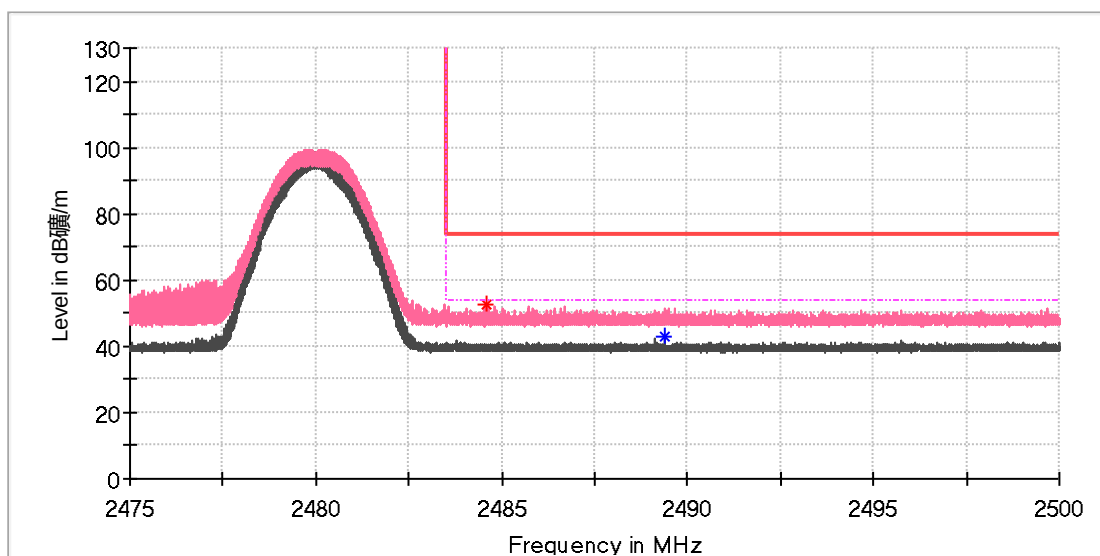
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.077500	---	43.62	54.00	10.38	100.0	H	6.0	7.4
2484.252500	56.91	---	74.00	17.09	100.0	H	20.0	7.4

Final_Result

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

EUT Information

EUT Name:	WI-FI + BT combo module
Model:	17WFM26
Test Mode:	BLE_High channel
Order No/Sample No:	168367617/A003240432-001
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.611250	52.50	---	74.00	21.50	100.0	V	45.0	7.4
2489.370000	---	42.70	54.00	11.30	100.0	V	276.0	7.4

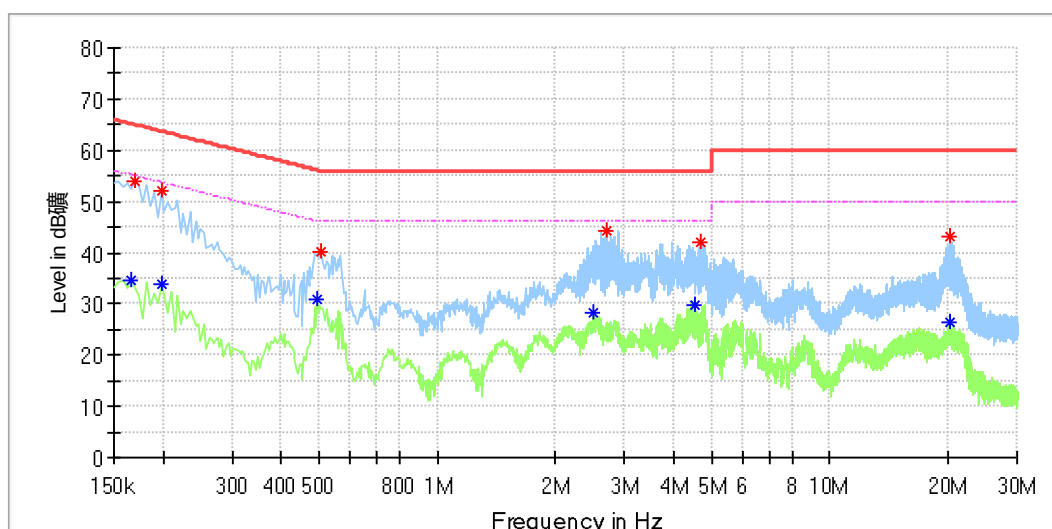
Final_Result

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

Appendix C.6: Conducted emissions for AC mains

EUT Information

EUT Name:	Wi-Fi + BT combo module
Order No:	168367617/A003240432-001
Model:	17WFM26
Test mode:	BLE Link
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC 15.247/RSS 247
Test By:/Review By:	William Wang/Terry Yin
Remark:	SR2



Critical Freqs

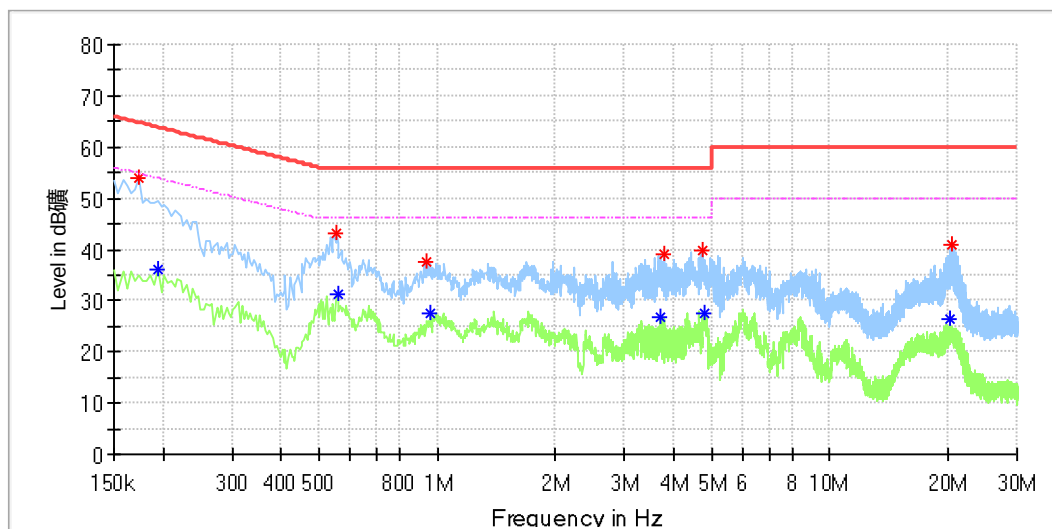
Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.166000	---	34.64	55.16	20.52	L1	9.9
0.170000	54.08	---	64.96	10.88	L1	9.9
0.198000	---	33.86	53.69	19.84	L1	9.9
0.198000	52.25	---	63.69	11.44	L1	9.9
0.494000	---	30.81	46.10	15.29	L1	10.0
0.506000	40.18	---	56.00	15.82	L1	10.0
2.502000	---	28.27	46.00	17.73	L1	10.2
2.690000	44.15	---	56.00	11.85	L1	10.2
4.510000	---	29.92	46.00	16.08	L1	10.2
4.686000	42.19	---	56.00	13.81	L1	10.2
20.170000	---	26.31	50.00	23.69	L1	10.4
20.346000	43.10	---	60.00	16.90	L1	10.4

Final Result

[illegible]

EUT Information

EUT Name:	WI-FI + BT combo module
Order No:	168367617/A003240432-001
Model:	17WFM26
Test mode:	BLE Link
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC 15.247/RSS 247
Test By:/Review By:	William Wang/Terry Yin
Remark:	SR2



Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.174000	53.98	---	64.77	10.78	N	9.8
0.194000	---	36.15	53.86	17.71	N	9.8
0.554000	43.15	---	56.00	12.85	N	9.8
0.558000	---	31.19	46.00	14.81	N	9.8
0.938000	37.52	---	56.00	18.48	N	9.8
0.962000	---	27.44	46.00	18.56	N	9.8
3.710000	---	26.90	46.00	19.10	N	9.9
3.790000	39.01	---	56.00	16.99	N	9.9
4.746000	39.66	---	56.00	16.34	N	9.9
4.774000	---	27.71	46.00	18.29	N	9.9
20.238000	---	26.57	50.00	23.43	N	10.2
20.498000	40.99	---	60.00	19.01	N	10.3

Final_Result

[illegible]