



Appendix for Test report



Appendix A: DTS (6 dB) Bandwidth

Void



Appendix B: Occupied Bandwidth

Void



Appendix C: Duty Cycle

Void



Appendix D: Maximum Conducted Average Output Power

Void



Appendix E: Maximum Power Spectral Density Level

Void



Appendix F: Band Edges Compliance

Void



Appendix G: Unwanted Emissions into Non-Restricted Frequency

Bands

Void



Appendix H: Radiated Spurious Emission & Spurious in Restricted Band

Note: We tested all modes, but the data presented below is the worst case. Below 1GHz, RBW = 100 kHz, VBW = 300 kHz.

Above 1GHz, RBW = 1 MHz, VBW = 3 MHz.

The simultaneous transmission has been considered

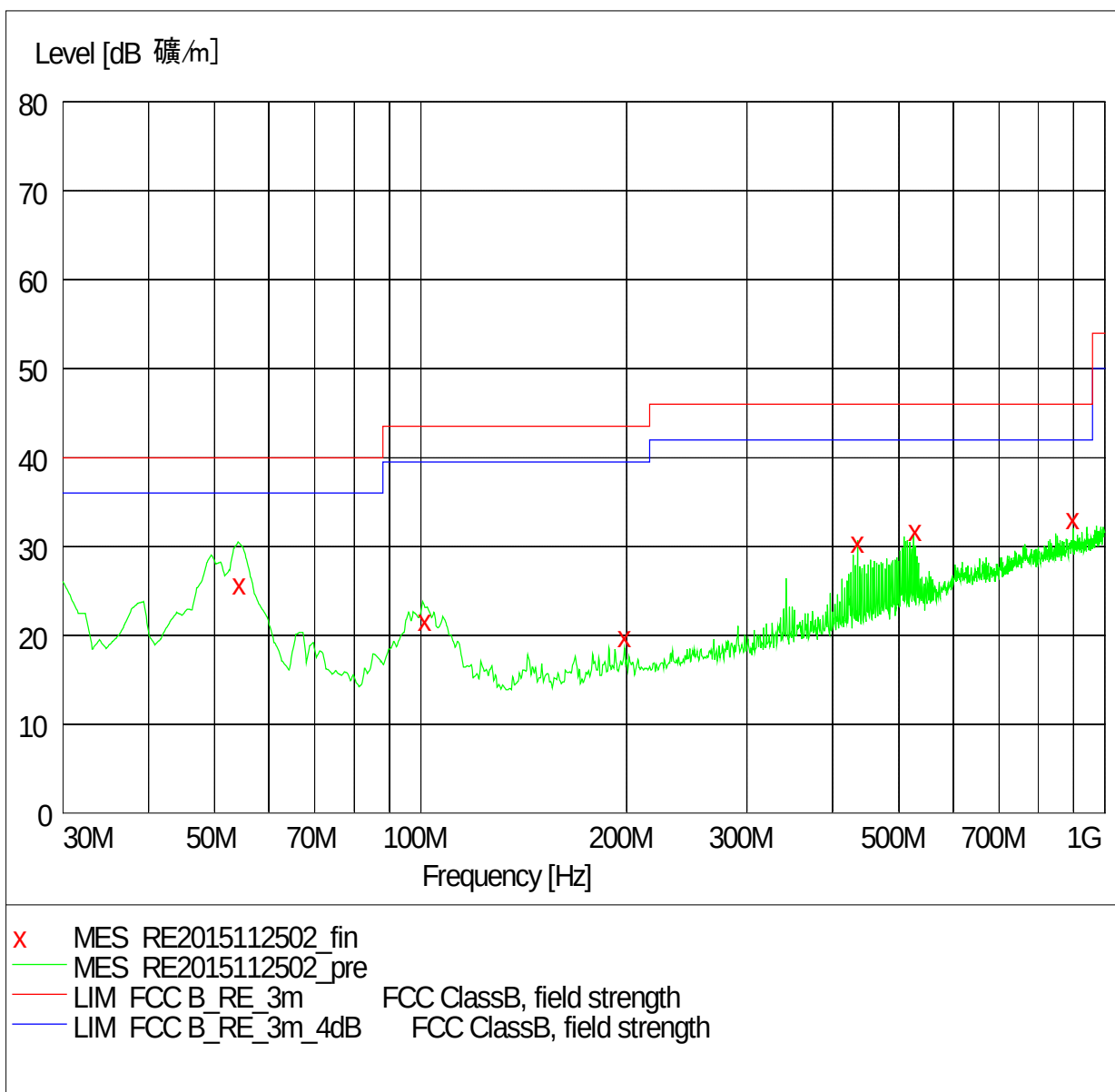
7.1Part 1: Testing Range of “9 kHz to 30MHz”

NOTE1: No peak found in the Test Range of “9 kHz to 30MHz”

7.2Part 2: Testing Range of “30 MHz to 1 GHz”

Note 1: The test results and plot for testing range of “30 MHz to 1 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.

Note 2: The emissions in this range are mainly from the Platform Device (Notepad PC and its ancillary components).



MEASUREMENT RESULT: "RE2015112502_fin"

2015-11-25 9:20

Frequency	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
MHz	dBμV/m	dB	dBμV/m	dB	dB	cm	deg	deg
54.236000	26.00	14.6	40.0	14.0	QP	100.0	146.00	VERTICAL
101.392000	21.90	13.5	43.5	21.6	QP	100.0	60.00	VERTICAL
198.392000	20.10	12.3	43.5	23.4	QP	100.0	314.00	VERTICAL
435.192000	30.80	18.3	46.0	15.2	QP	100.0	59.00	HORIZONTAL
528.012000	32.10	19.9	46.0	13.9	QP	110.0	181.00	VERTICAL
898.220000	33.40	25.2	46.0	12.6	QP	109.0	82.00	VERTICAL



7.3Part 3: Testing Range of “18 GHz to 26.5 GHz”

NOTE: No peak found in the Test Range of “18 GHz to 26.5GHz”

7.4Part 4: Testing Range of “2.3GHz to 2.5GHz”

Note 1: The testing range of “2.3 GHz to 2.5 GHz” is for checking radiated emissions located in restricted bands near the EUT operating bands.

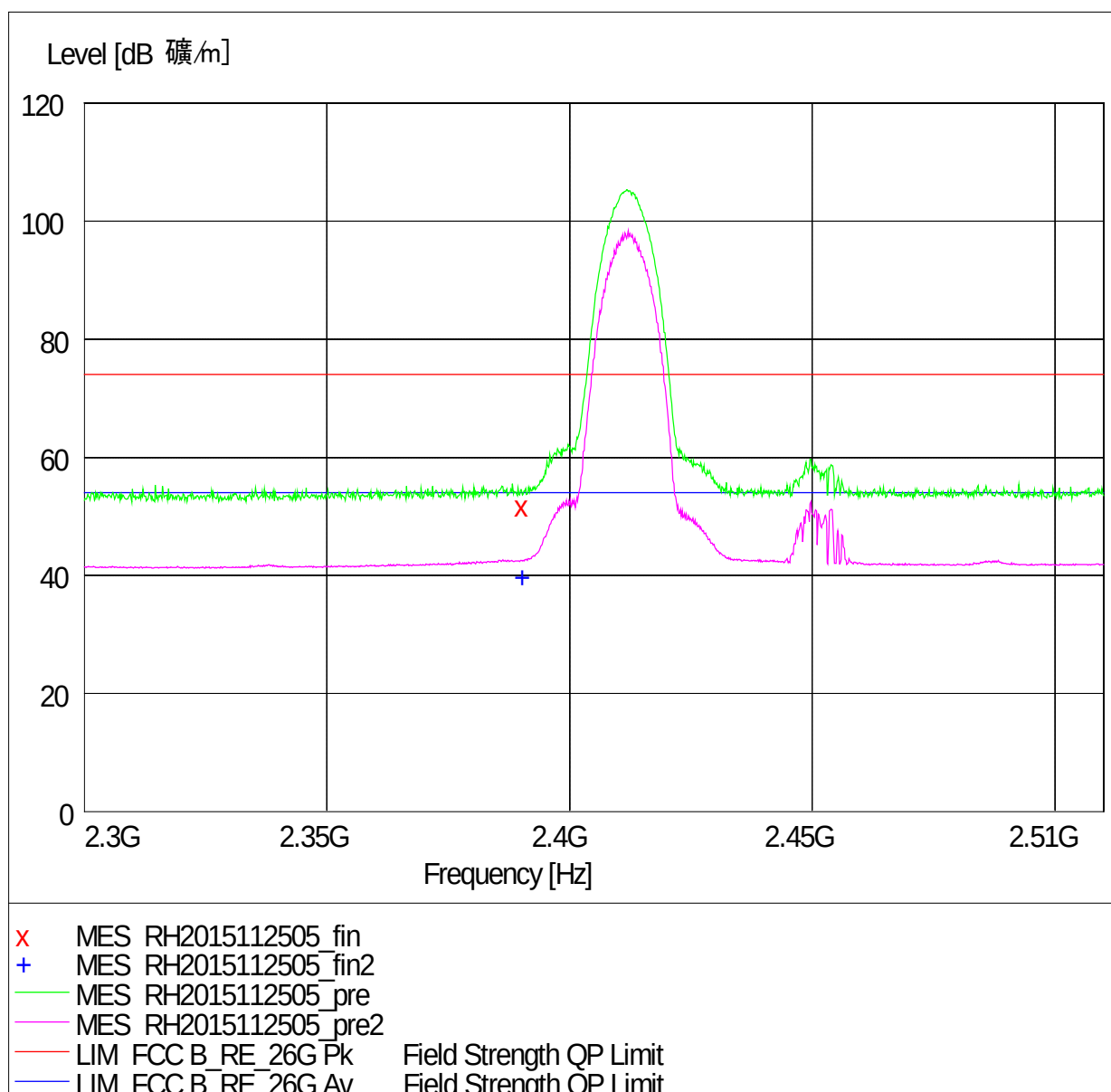
Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dBμV/m) and Average Limit (54 dBμV/m).

Note 3: The peak spike exceeds the limit line is EUT's operating frequency.

Test Mode:

7.4.1Test Mode: 11B

7.4.1.1Channel 1



**MEASUREMENT RESULT: "RH2015112505_fin"**

2015-11-25 13:51

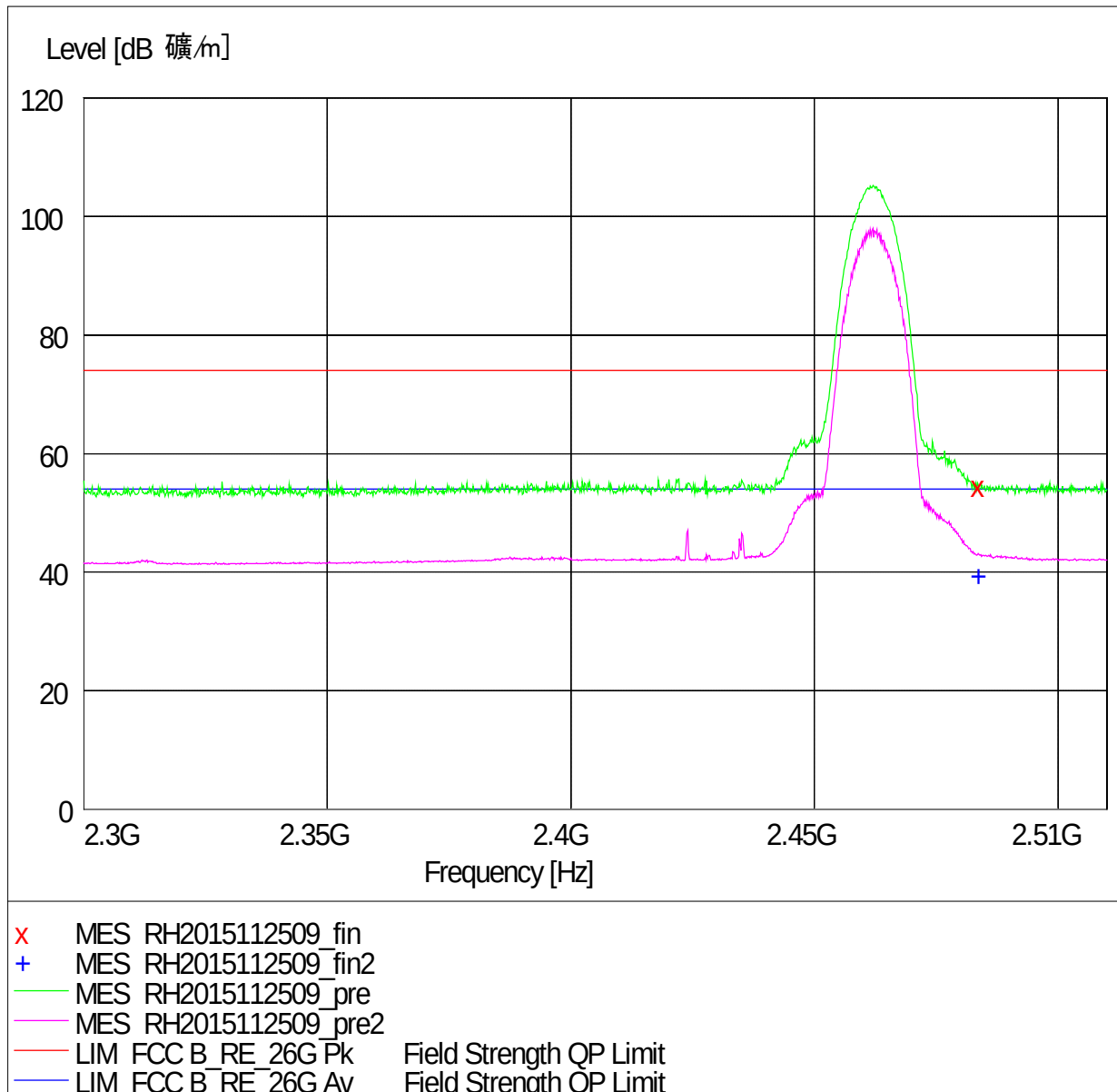
Frequency	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
MHz	dBμV/m	dB	dBμV/m	dB		cm	deg	
2390.000000	52.20	34.8	74.0	21.8	PK	101.0	41.00	HORIZONTAL

MEASUREMENT RESULT: "RH2015112505_fin2"

2015-11-25 13:52

Frequency	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
MHz	dBμV/m	dB	dBμV/m	dB		cm	deg	
2390.000000	40.10	34.8	54.0	13.9	AV	165.0	171.00	HORIZONTAL

7.4.1.2 Channel 11



MEASUREMENT RESULT: "RH2015112509_fin"

2015-11-25 14:50

Frequency	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
MHz	dBμV/m	dB	dBμV/m	dB	dB	cm	deg	
2483.500000	54.90	35.1	74.0	19.1	PK	101.0	162.00	HORIZONTAL

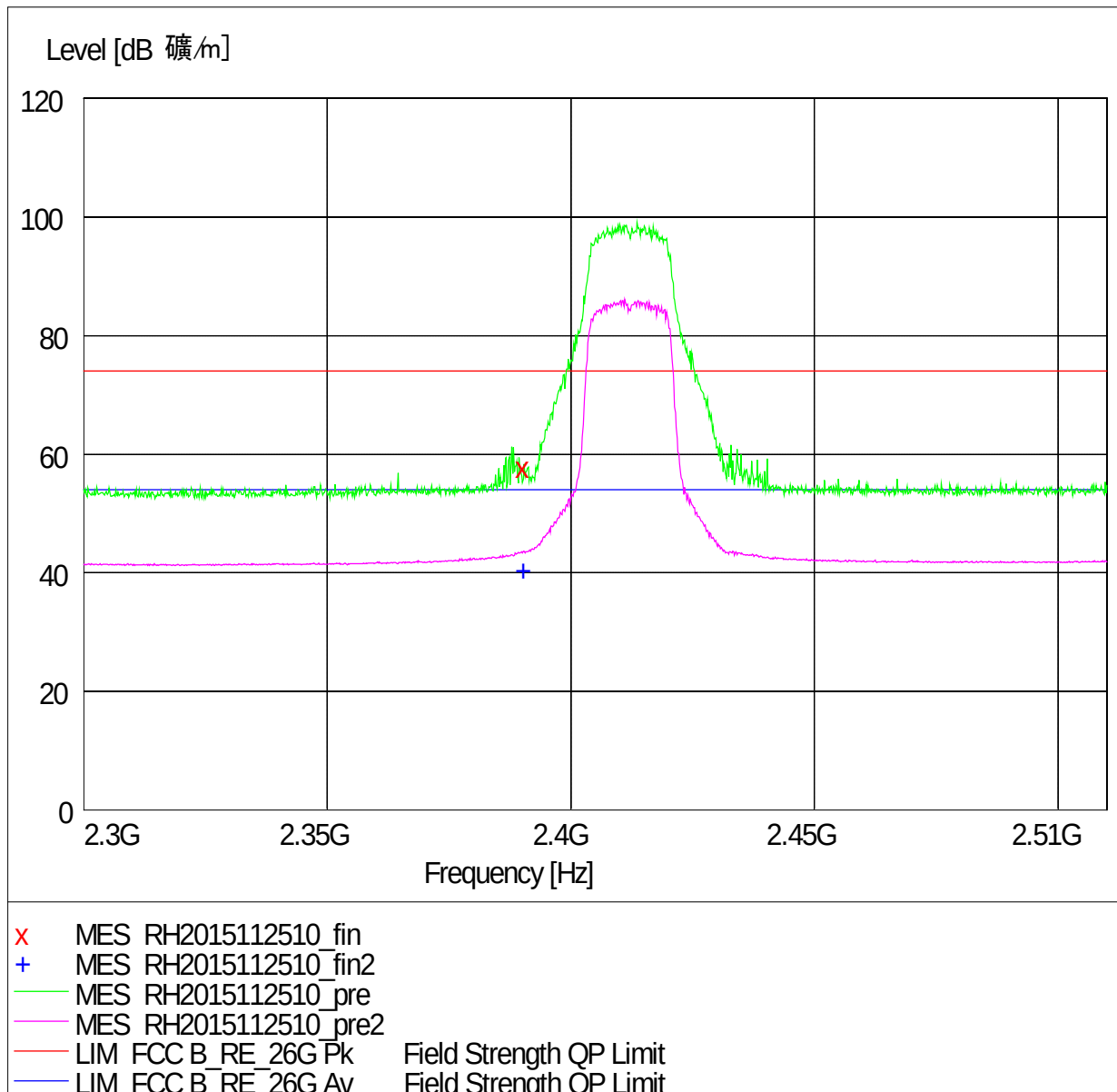
MEASUREMENT RESULT: "RH2015112509_fin2"

2015-11-25 14:50

Frequency	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
MHz	dBμV/m	dB	dBμV/m	dB	dB	cm	deg	
2483.500000	39.70	35.1	54.0	14.3	AV	102.0	249.00	HORIZONTAL

7.4.1 Test Mode: 11G

7.4.1.1 Channel 1



MEASUREMENT RESULT: "RH2015112510_fin"

2015-11-25 15:16

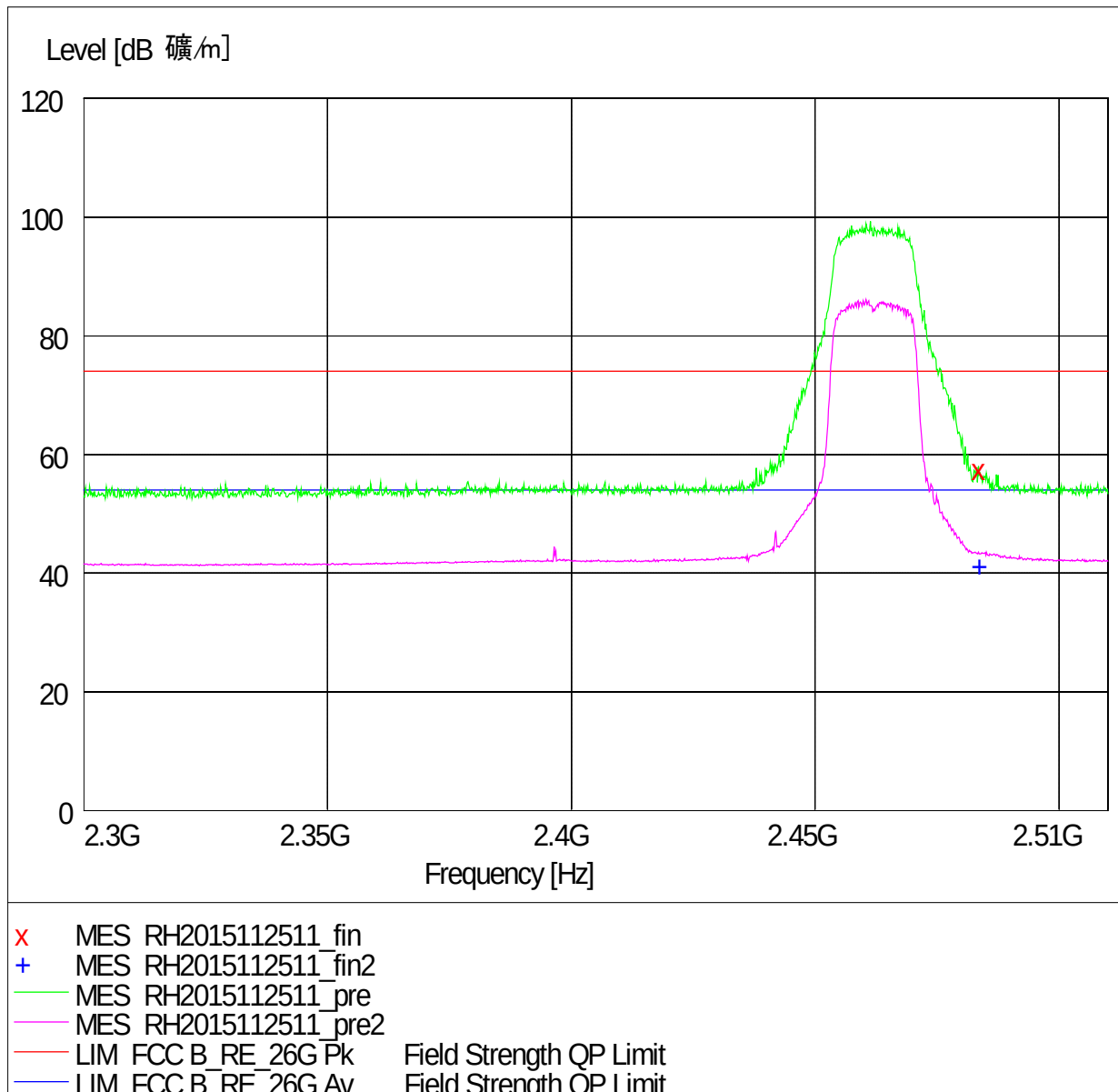
Frequency	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
MHz	dBμV/m	dB	dBμV/m	dB	dB	cm	deg	deg
2390.000000	58.20	34.8	74.0	15.8	PK	102.0	154.00	HORIZONTAL

MEASUREMENT RESULT: "RH2015112510_fin2"

2015-11-25 15:16

Frequency	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
MHz	dBμV/m	dB	dBμV/m	dB	dB	cm	deg	deg
2390.000000	40.70	34.8	54.0	13.3	AV	111.0	155.00	HORIZONTAL

7.4.1.2 Channel 11



MEASUREMENT RESULT: "RH2015112511_fin"

2015-11-25 15:42

Frequency	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
MHz	dBμV/m	dB	dBμV/m	dB		cm		deg
2483.500000	57.80	35.1	74.0	16.2	PK	101.0	163.00	HORIZONTAL

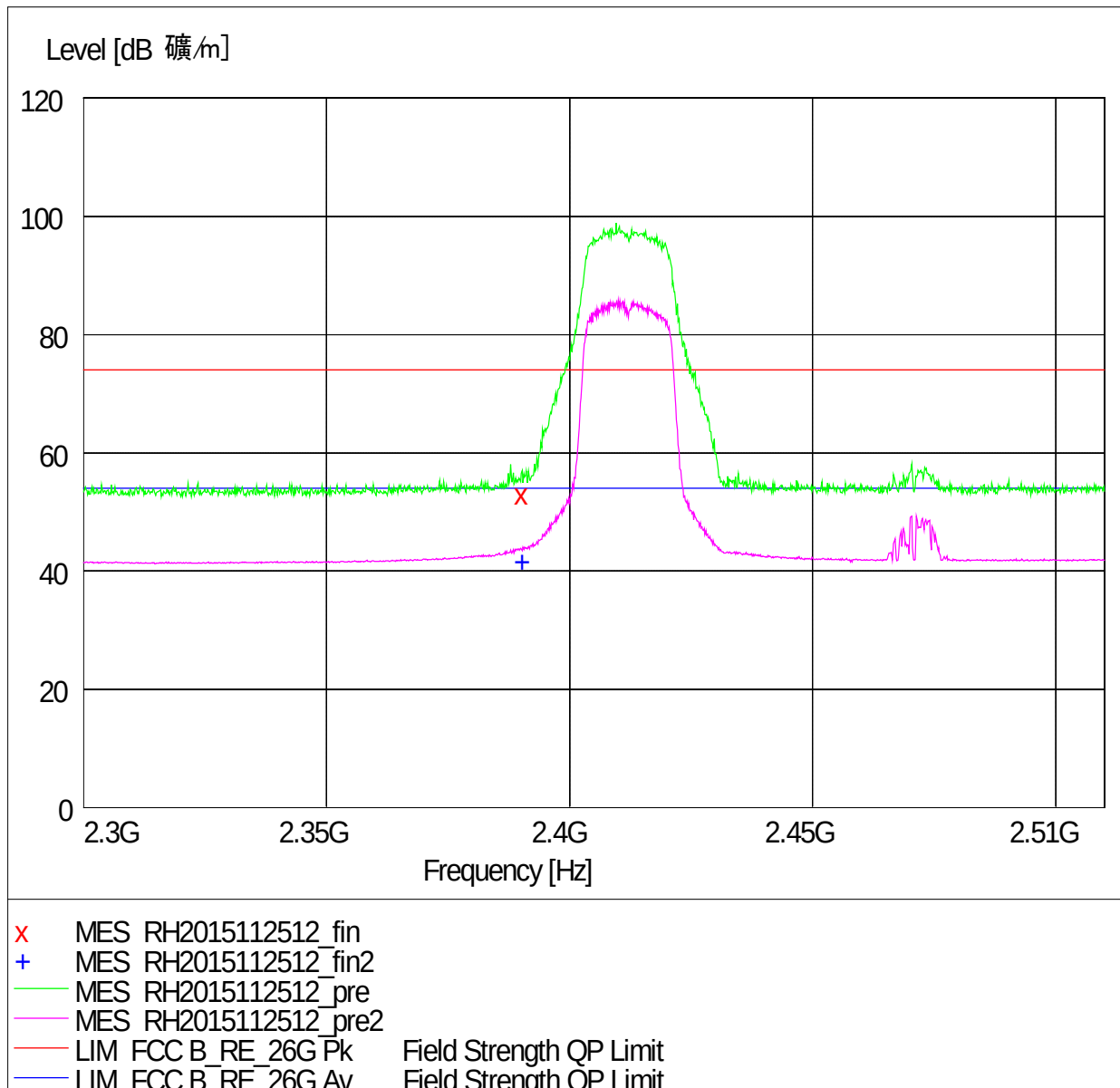
MEASUREMENT RESULT: "RH2015112511_fin2"

2015-11-25 15:42

Frequency	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
MHz	dBμV/m	dB	dBμV/m	dB		cm		deg
2483.500000	41.40	35.1	54.0	12.6	AV	103.0	162.00	HORIZONTAL

7.4.1 Test Mode: 11N

7.4.1.1 Channel 1



MEASUREMENT RESULT: "RH2015112512_fin"

2015-11-25 15:59

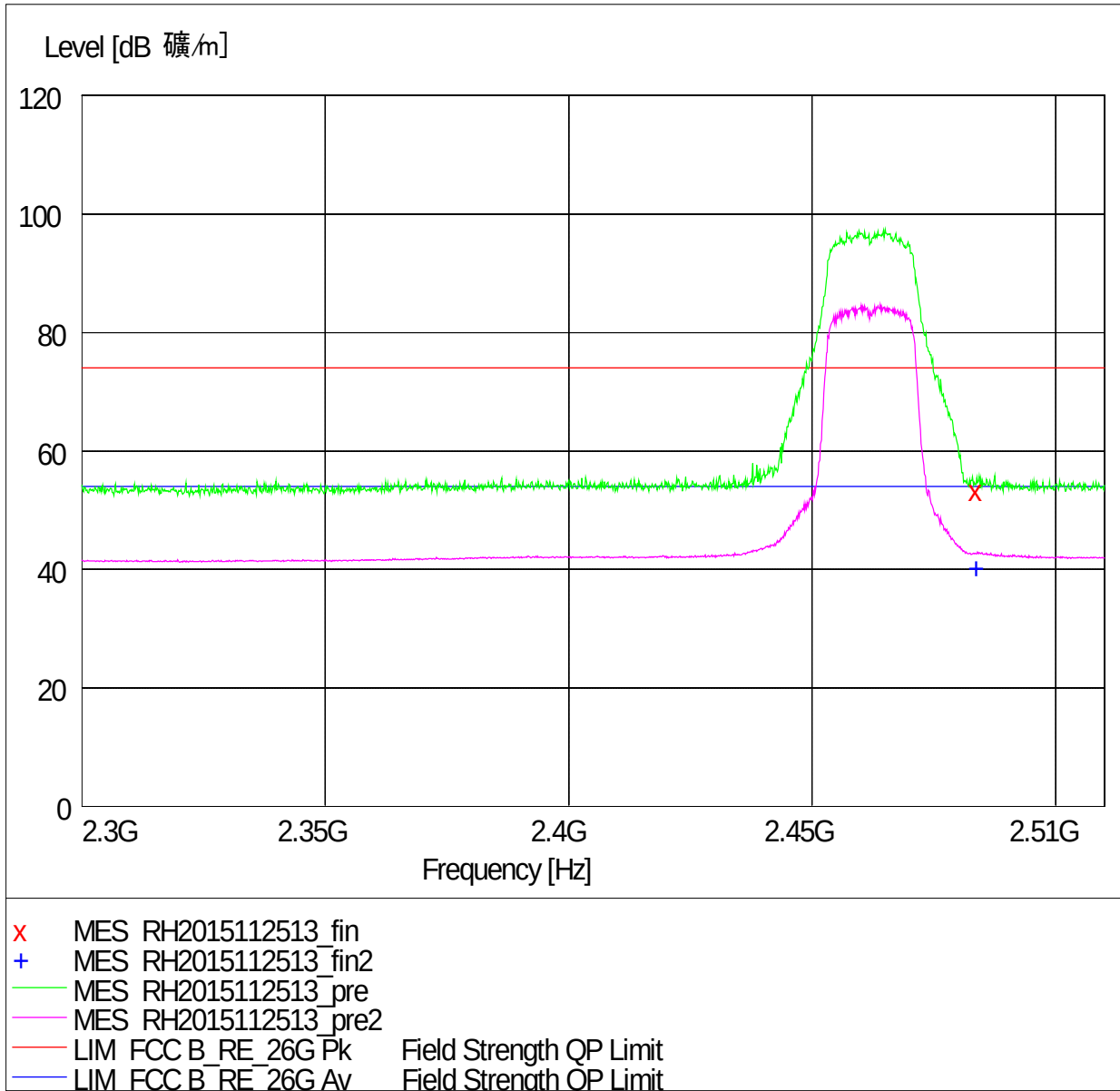
Frequency	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
MHz	dBμV/m		dB	dBμV/m	dB		cm	deg
2390.000000	53.40	34.8	74.0	20.6	PK	131.0	162.00	HORIZONTAL

MEASUREMENT RESULT: "RH2015112512_fin2"

2015-11-25 15:57

Frequency	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
MHz	dBμV/m		dB	dBμV/m	dB		cm	deg
2390.000000	42.00	34.8	54.0	12.0	AV	100.0	154.00	HORIZONTAL

7.4.1.2 Channel 11



MEASUREMENT RESULT: "RH2015112513_fin"

2015-11-25 16:25

Frequency	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
MHz	dBμV/m	dB	dBμV/m	dB		cm		deg
2483.500000	53.80	35.1	74.0	20.2	PK	100.0	162.00	HORIZONTAL

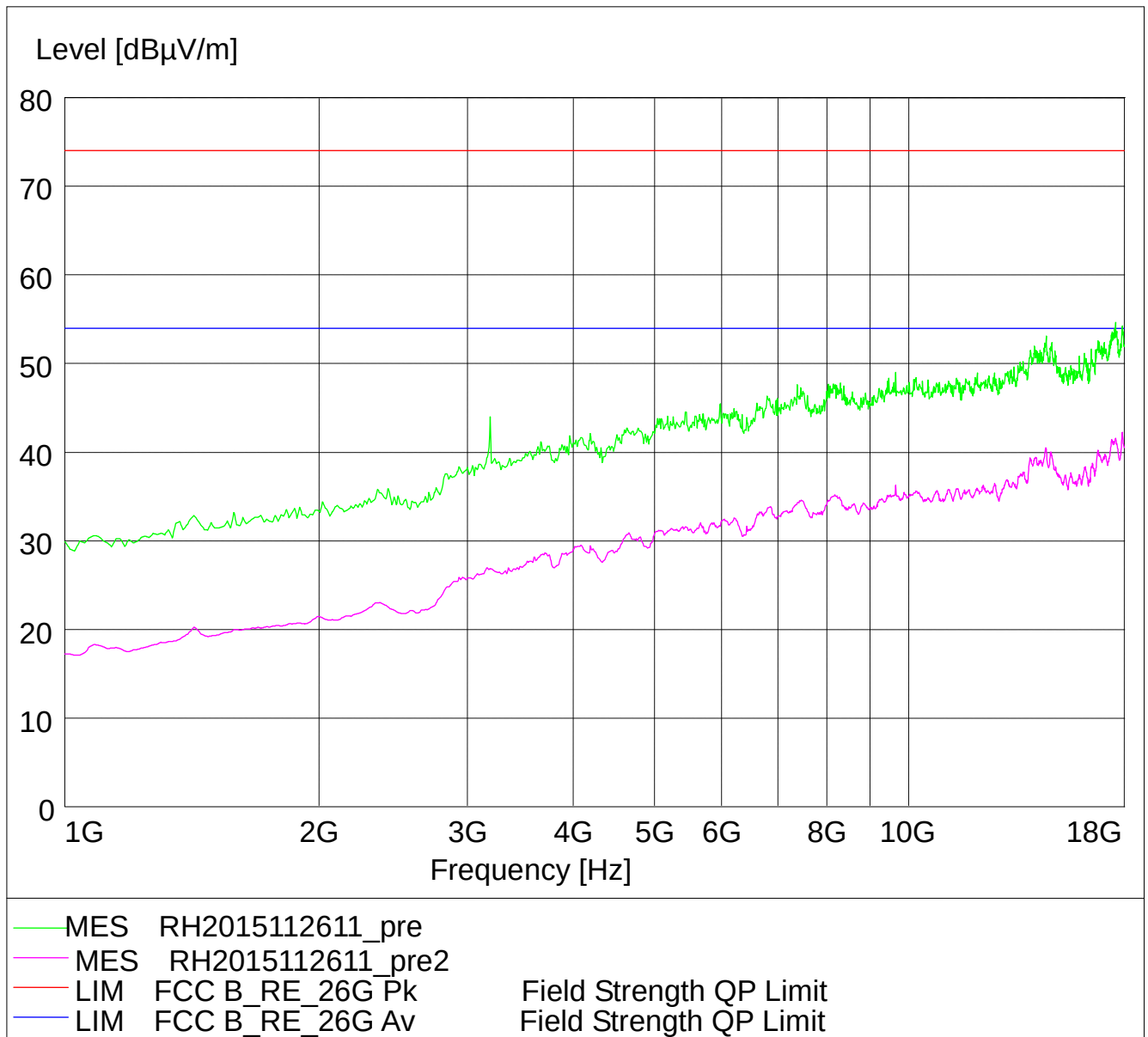
MEASUREMENT RESULT: "RH2015112513_fin2"

2015-11-25 16:15

Frequency	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
MHz	dBμV/m	dB	dBμV/m	dB		cm		deg
2483.500000	40.50	35.1	54.0	13.5	AV	100.0	325.00	HORIZONTAL

7.5Part 5: Testing Range of “1 GHz to 18 GHz”

- Note 1: The test results and plot for testing range of “1 GHz to 18 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.
- Note 2: The testing range of “1 GHz to 18 GHz” is for checking radiated emissions located in restricted bands faraway from the EUT operating bands.
- Note 3: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB μ V/m) and Average Limit (54 dB μ V/m).

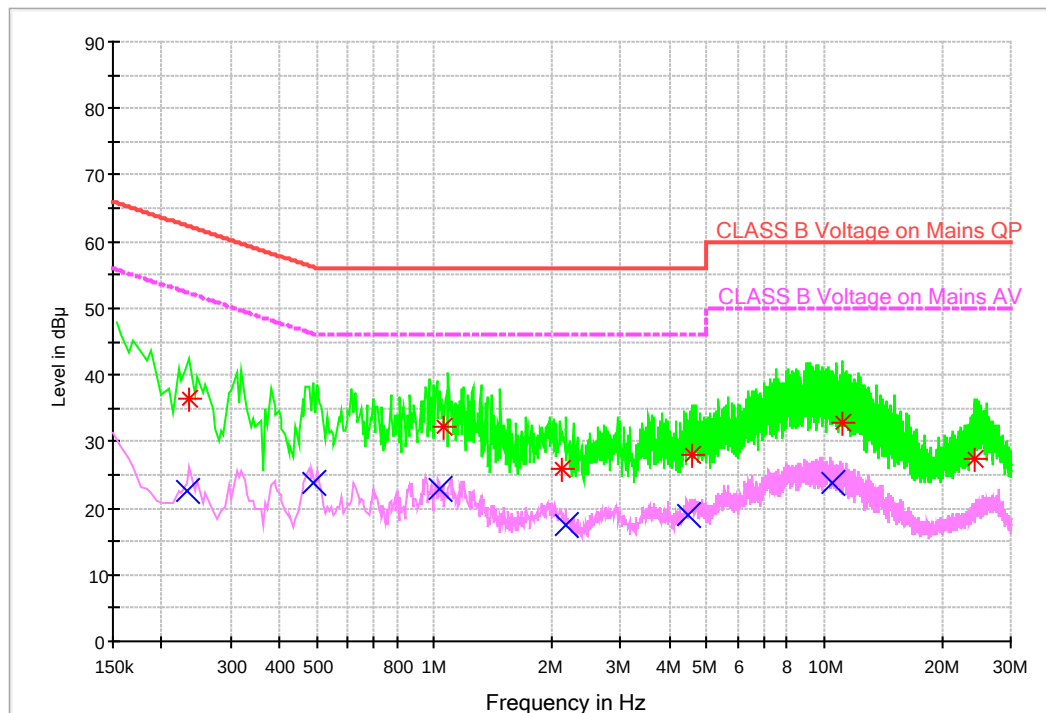


Appendix I: Conducted Emission at Power Port

Note: RBW =9 kHz, VBW = 30 kHz

Channel 39

CLASS B Voltage with ENV216



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V)	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
0.235508	36.4	N	9.8	25.9	62.3
1.060264	32.1	N	9.8	23.9	56.0
2.123666	26.0	N	9.8	30.0	56.0
4.562411	27.9	N	9.9	28.1	56.0
11.104084	32.7	N	10.0	27.3	60.0
24.146328	27.4	L1	10.2	32.6	60.0

Final Result 2

Frequency (MHz)	Average (dB μ V)	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
0.233418	22.7	L1	9.8	29.6	52.3
0.492112	23.7	L1	9.8	22.4	46.1
1.034970	23.0	N	9.8	23.0	46.0
2.180310	17.4	N	9.8	28.6	46.0
4.495260	18.9	N	9.9	27.1	46.0
10.409914	23.7	N	10.0	26.3	50.0

Note: Level= Reading level+ Transd (cable loss + correction factor).The reading level is used to calculate by software which is not shown in the sheet.

END