1-18G

11g

CH6

Radiated Emission

EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11g CH6

Test Voltage: Comment:

Common Information

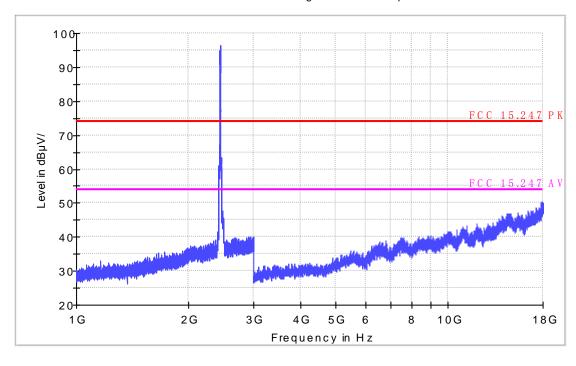
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11g CH6

Test Voltage: Comment:

Common Information

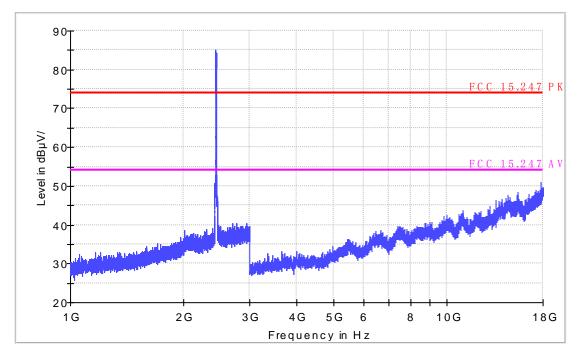
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



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1-18G

11g

CH11

Radiated Emission

EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11g CH11

Test Voltage: Comment:

Common Information

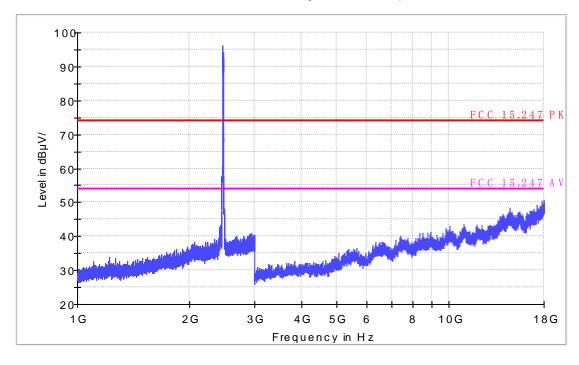
Test Site: SMQ EMC Lab. Environment

Antenna Polarization: Horizontal

Operator Name:

Comment:

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11g CH11

Test Voltage: Comment:

Common Information

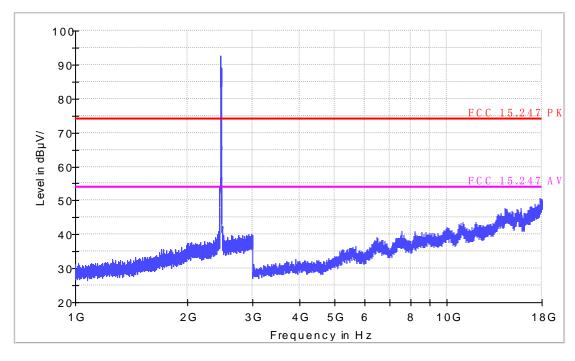
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



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1-18G 11n-HT20 CH1

Radiated Emission

EUT Information

EUT Model Name: HY1-5137

Operation mode: Wifi 11n HT20 CH1

Test Voltage: Comment:

Common Information

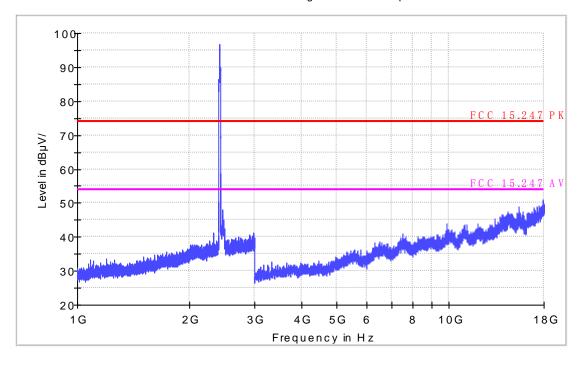
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



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EUT Information

EUT Model Name: HY1-5137

Operation mode: Wifi 11n HT20 CH1

Test Voltage: Comment:

Common Information

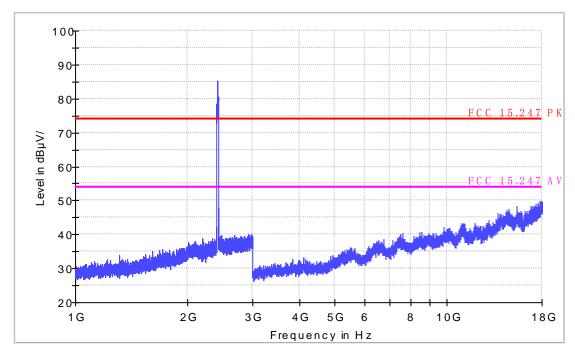
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



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1-18G 11n-HT20 CH6

Radiated Emission

EUT Information

EUT Model Name: HY1-5137

Operation mode: Wifi 11n HT20 CH6

Test Voltage: Comment:

Common Information

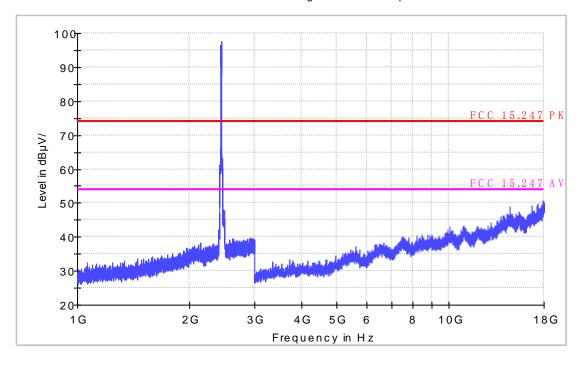
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



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EUT Information

EUT Model Name: HY1-5137

Operation mode: Wifi 11n HT20 CH6

Test Voltage: Comment:

Common Information

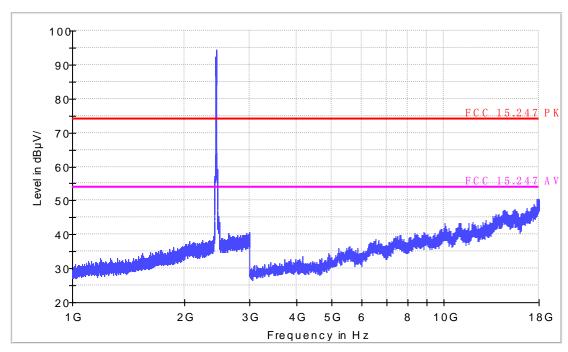
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



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1-18G 11n-HT20 CH11

Radiated Emission

EUT Information

EUT Model Name: HY1-5137

Operation mode: Wifi 11n HT20 CH11

Test Voltage: Comment:

Common Information

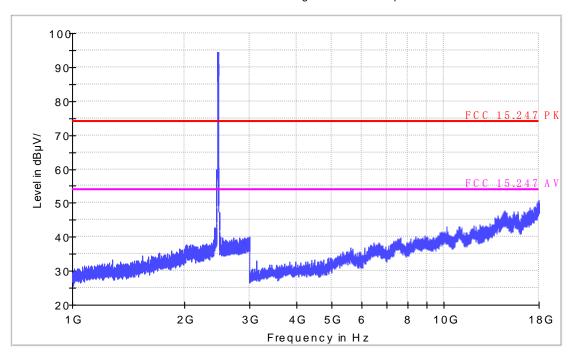
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



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EUT Information

EUT Model Name: HY1-5137

Operation mode: Wifi 11n HT20 CH11

Test Voltage: Comment:

Common Information

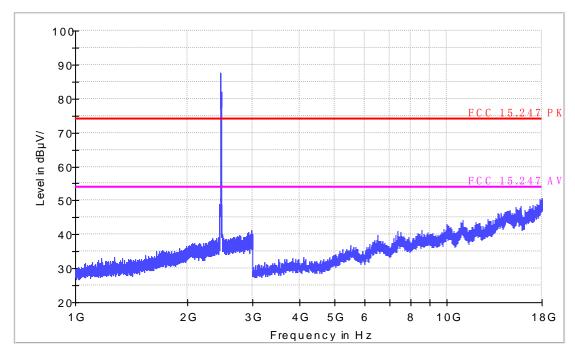
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



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1-18G 11n-HT40 CH3

Radiated Emission

EUT Information

EUT Model Name: HY1-5137

Operation mode: Wifi 11n HT40 CH3

Test Voltage: Comment:

Common Information

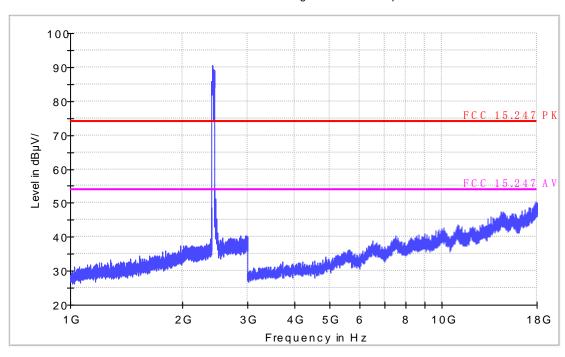
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



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EUT Information

EUT Model Name: HY1-5137

Operation mode: Wifi 11n HT20 CH3

Test Voltage: Comment:

Common Information

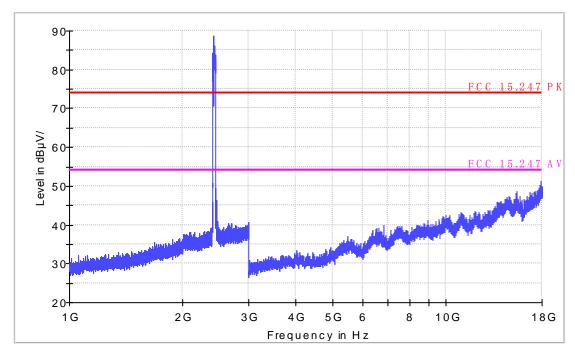
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



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1-18G 11n-HT20 CH6

Radiated Emission

EUT Information

EUT Model Name: HY1-5137

Operation mode: Wifi 11n HT40 CH6

Test Voltage: Comment:

Common Information

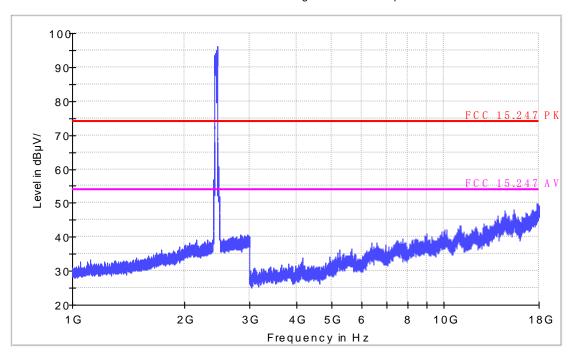
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



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EUT Information

EUT Model Name: HY1-5137

Operation mode: Wifi 11n HT40 CH6

Test Voltage: Comment:

Common Information

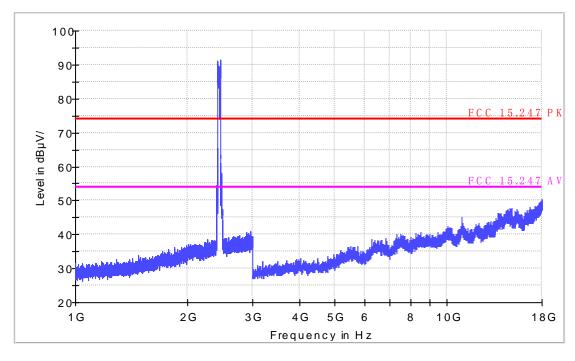
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



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1-18G 11n-HT20 CH11

Radiated Emission

EUT Information

EUT Model Name: HY1-5137

Operation mode: Wifi 11n HT40 CH9

Test Voltage: Comment:

Common Information

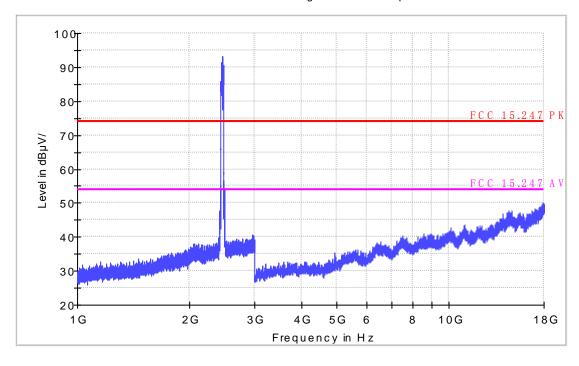
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



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EUT Information

EUT Model Name: HY1-5137

Operation mode: Wifi 11n HT40 CH9

Test Voltage: Comment:

Common Information

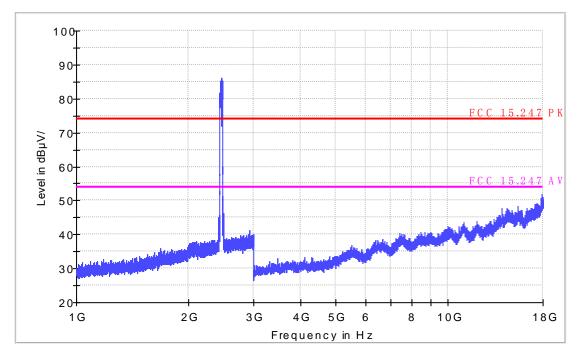
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11b CH1

Test Voltage: Comment:

Common Information

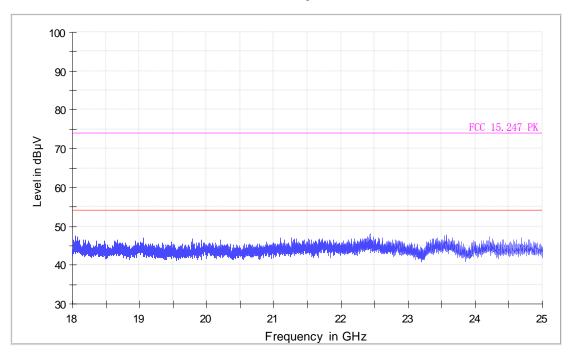
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11b CH1

Test Voltage: Comment:

Common Information

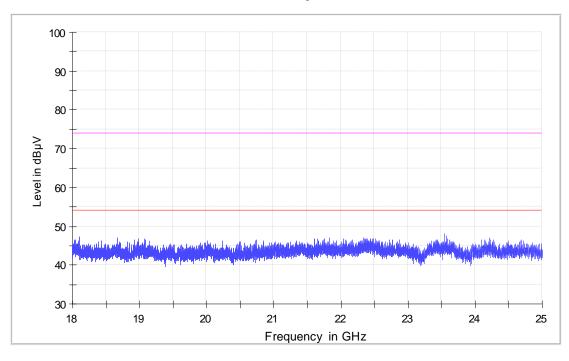
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11b CH6

Test Voltage: Comment:

Common Information

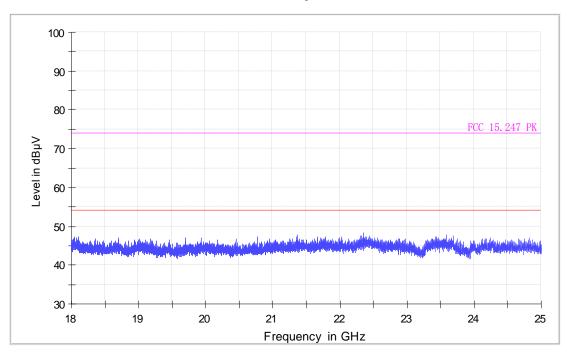
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11b CH6

Test Voltage: Comment:

Common Information

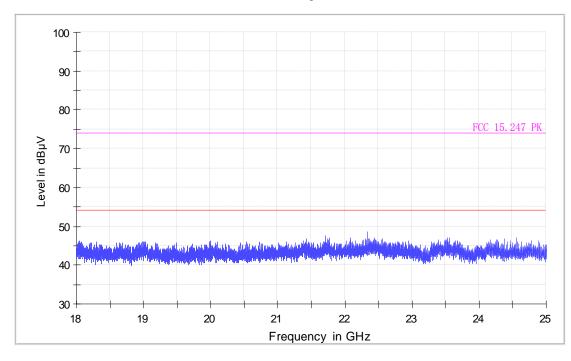
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11b CH11

Test Voltage: Comment:

Common Information

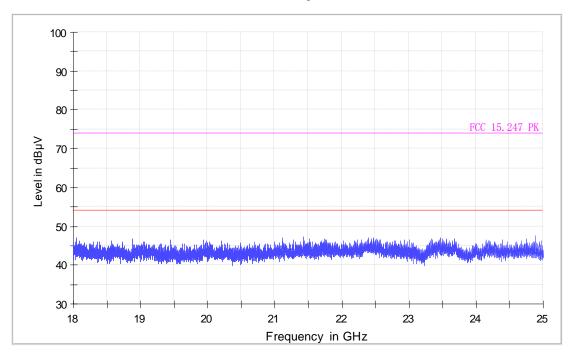
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11b CH11

Test Voltage: Comment:

Common Information

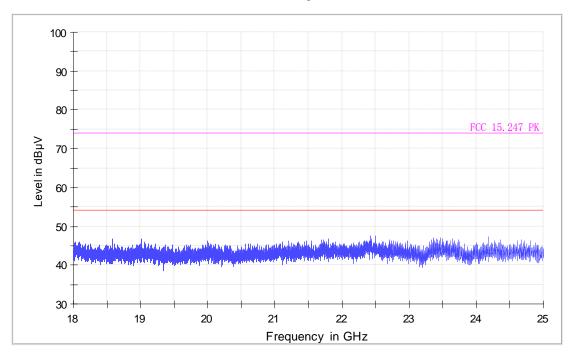
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11g CH1

Test Voltage: Comment:

Common Information

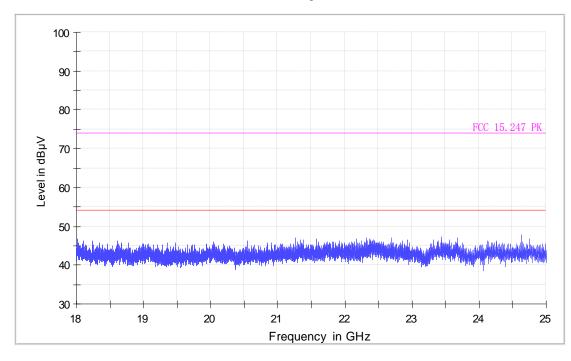
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11g CH1

Test Voltage: Comment:

Common Information

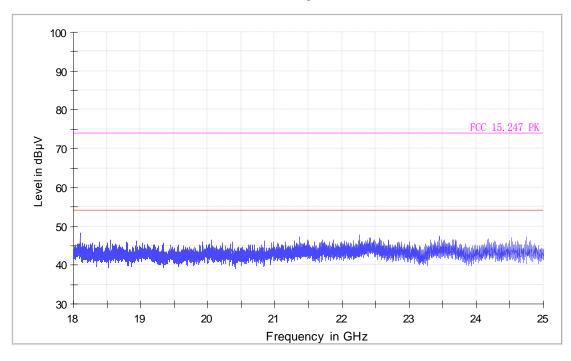
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11gCH6

Test Voltage: Comment:

Common Information

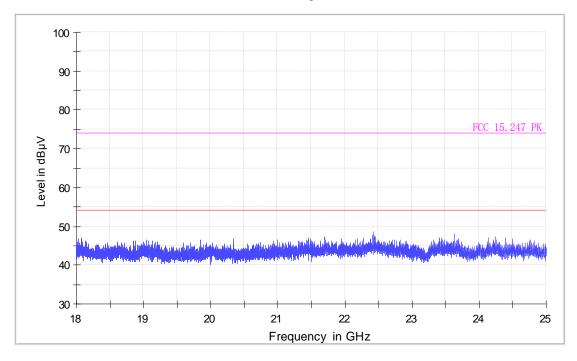
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11gCH6

Test Voltage: Comment:

Common Information

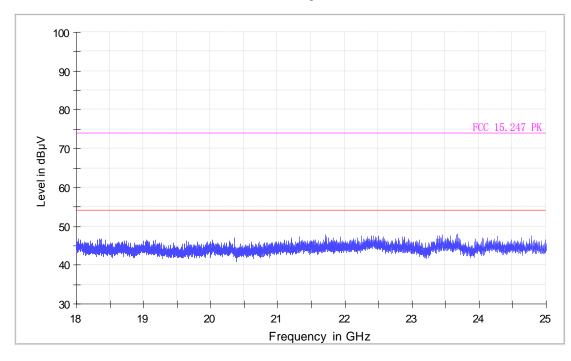
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11g CH11

Test Voltage: Comment:

Common Information

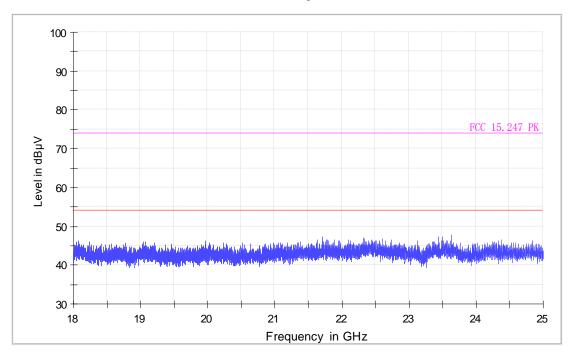
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11g CH11

Test Voltage: Comment:

Common Information

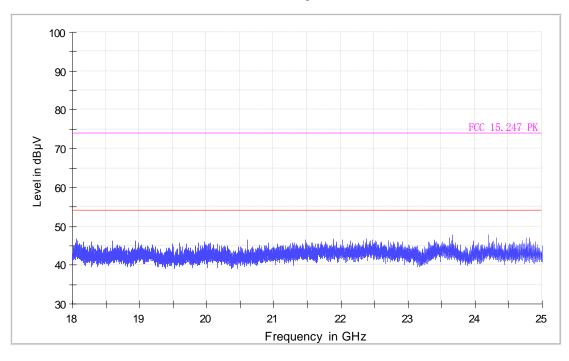
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11n-HT20 CH1

Test Voltage: Comment:

Common Information

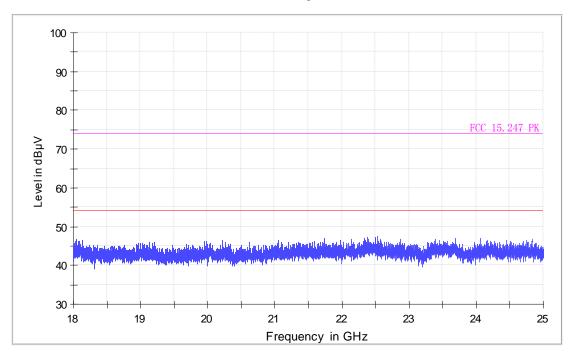
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11n-HT20 CH1

Test Voltage: Comment:

Common Information

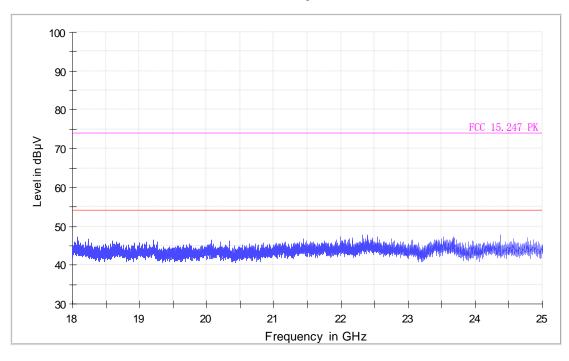
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11n-HT20 CH6

Test Voltage: Comment:

Common Information

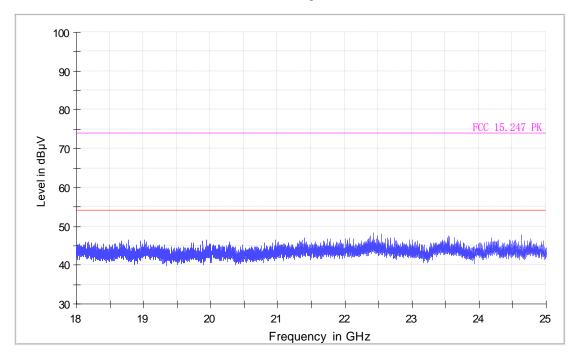
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11n-HT20 CH6

Test Voltage: Comment:

Common Information

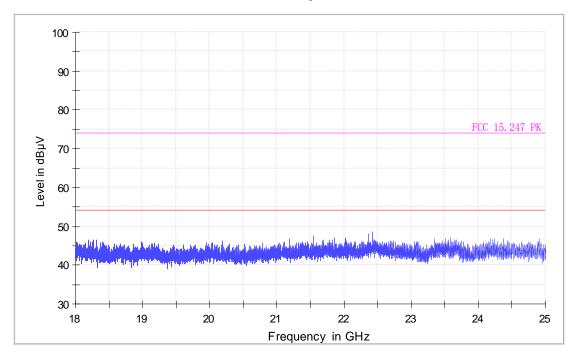
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11n-HT20 CH11

Test Voltage: Comment:

Common Information

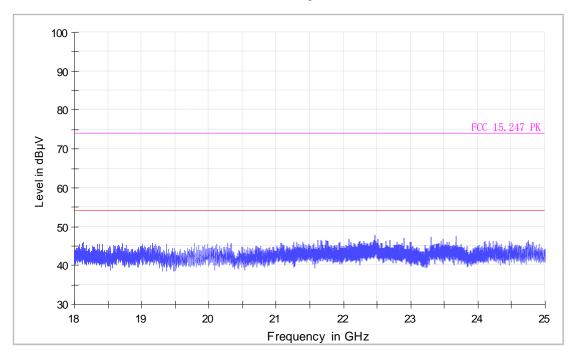
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11n-HT20 CH11

Test Voltage: Comment:

Common Information

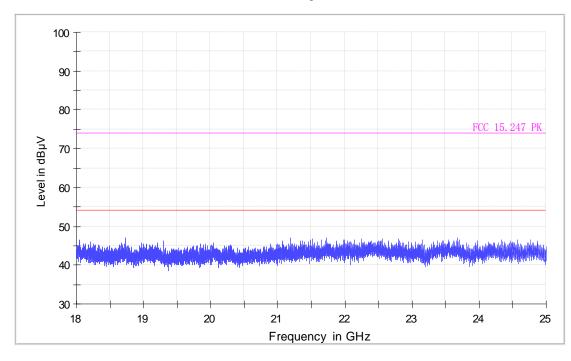
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11n-HT40 CH3

Test Voltage: Comment:

Common Information

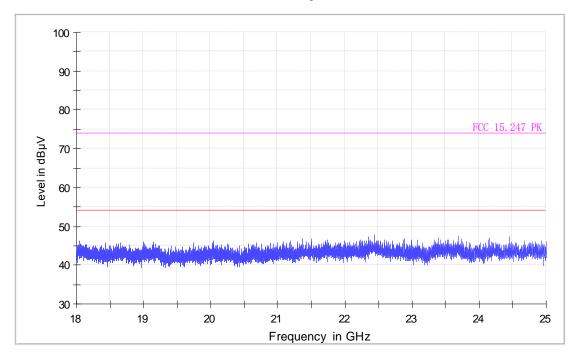
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11n-HT40 CH3

Test Voltage: Comment:

Common Information

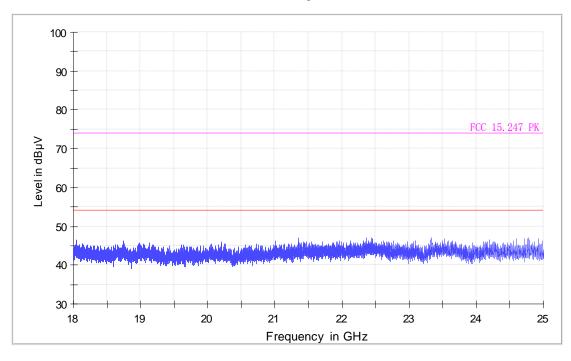
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11n-HT40 CH6

Test Voltage: Comment:

Common Information

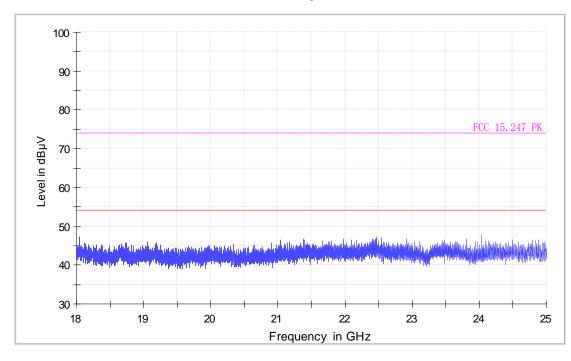
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11n-HT40 CH6

Test Voltage: Comment:

Common Information

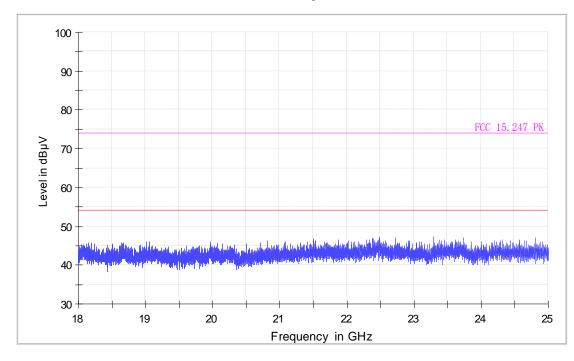
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11n-HT40 CH9

Test Voltage: Comment:

Common Information

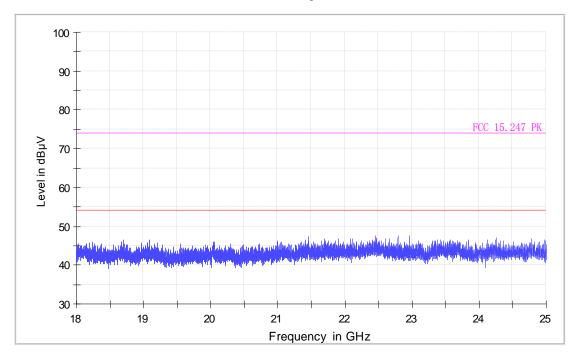
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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EUT Information

EUT Model Name: HY1-5137 Operation mode: 11n-HT40 CH9

Test Voltage: Comment:

Common Information

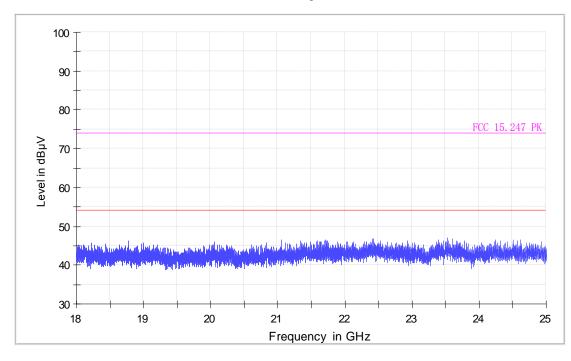
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 18-26.5GHz



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Band edge

11b

CH1

Radiated Emission

EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11b CH1

Test Voltage: Comment:

Common Information

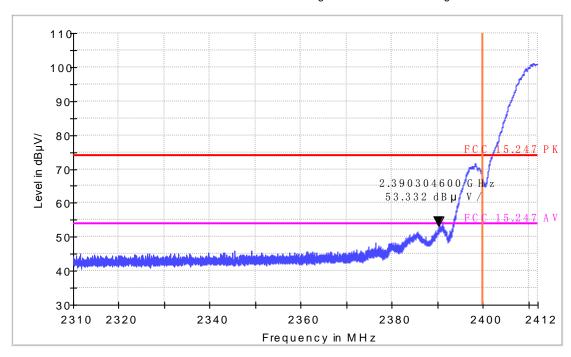
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-PK



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11b CH1

Test Voltage: Comment:

Common Information

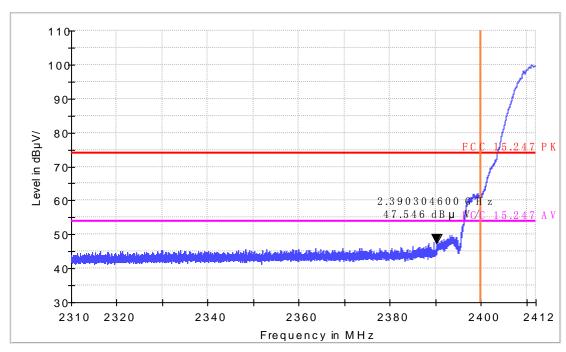
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-PK



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11b CH1

Test Voltage: Comment:

Common Information

Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-AV



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11b CH1

Test Voltage: Comment:

Common Information

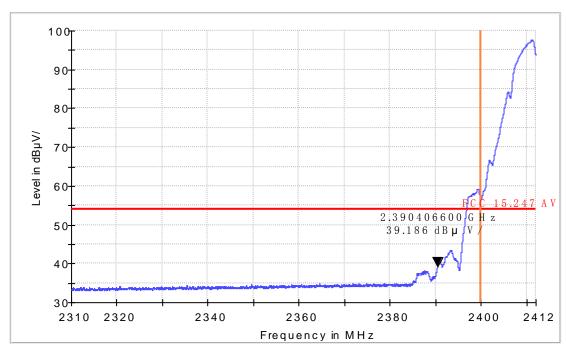
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-AV



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Band edge

11g

CH1

Radiated Emission

EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11g CH1

Test Voltage: Comment:

Common Information

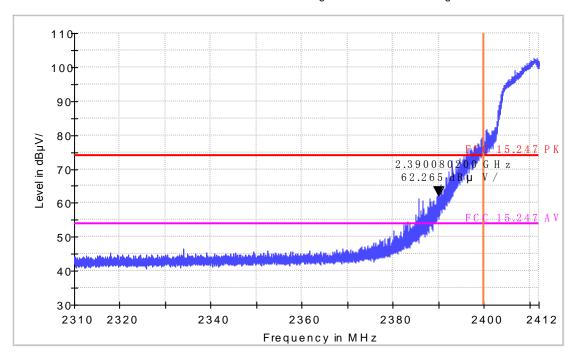
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-PK



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11g CH1

Test Voltage: Comment:

Common Information

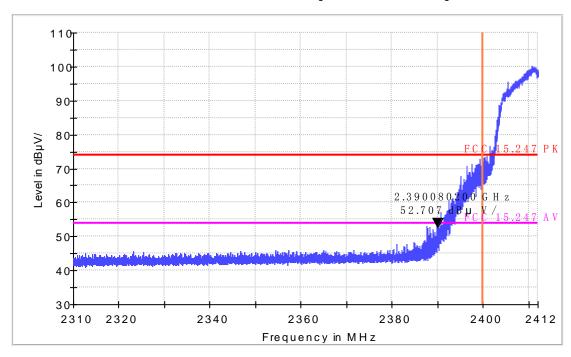
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-PK



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11g CH1

Test Voltage: Comment:

Common Information

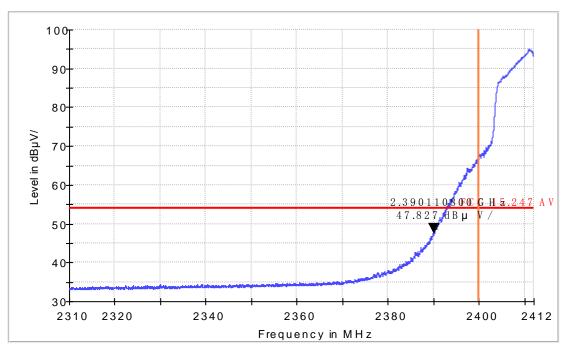
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-AV



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11g CH1

Test Voltage: Comment:

Common Information

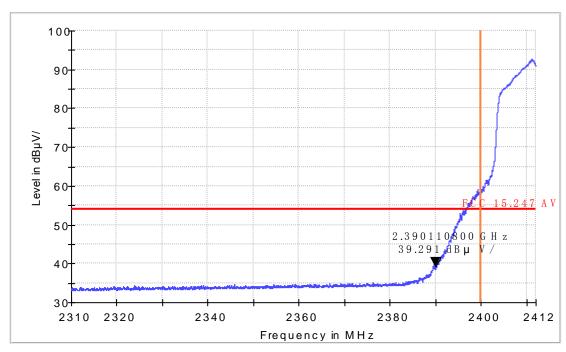
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-AV



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Band edge 11n-HT20 CH1

Radiated Emission

EUT Information

EUT Model Name: HY1-5137
Operation mode: Wifi 11n20 CH1

Test Voltage: Comment:

Common Information

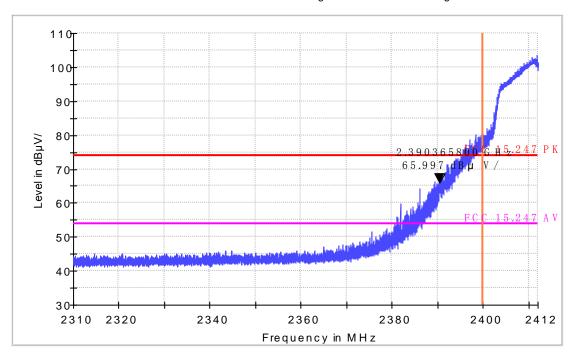
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-PK



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11n20 CH1

Test Voltage: Comment:

Common Information

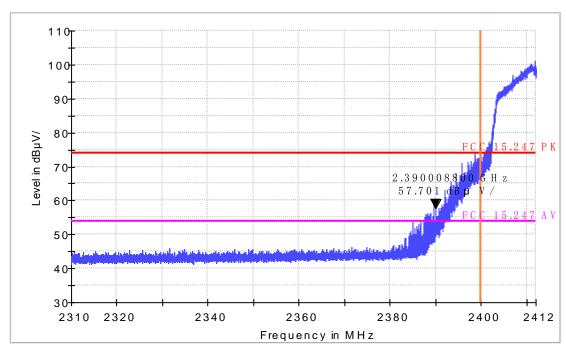
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-PK



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11n20 CH1

Test Voltage: Comment:

Common Information

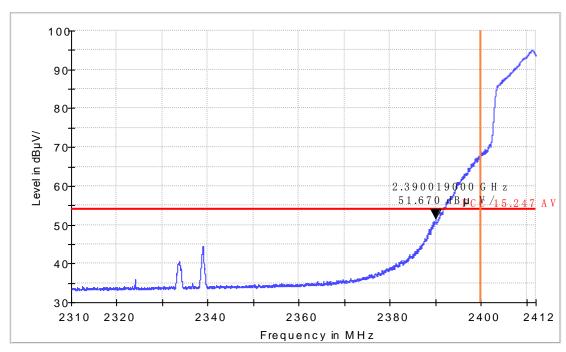
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-AV



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11n20 CH1

Test Voltage: Comment:

Common Information

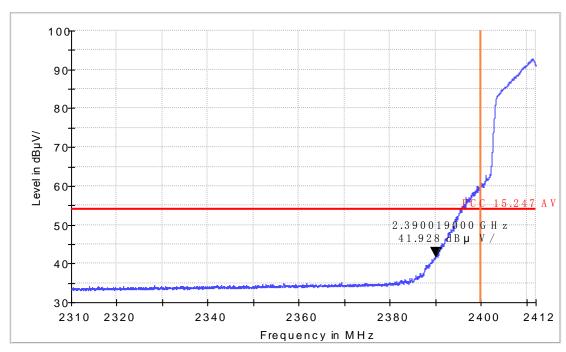
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-AV



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Band edge 11n-HT40 CH3

Radiated Emission

EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11n40 CH3

Test Voltage: Comment:

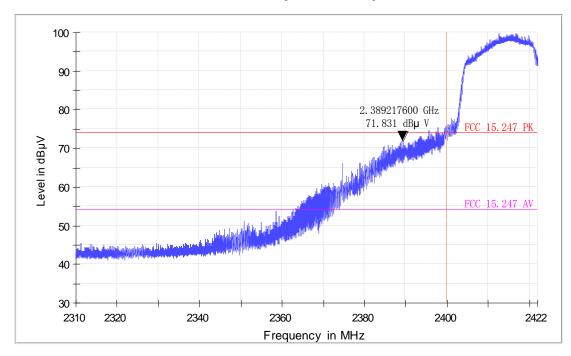
Common Information

Test Site: SMQ EMC Lab.

Environment
Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-PK



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11n40 CH3

Test Voltage: Comment:

Common Information

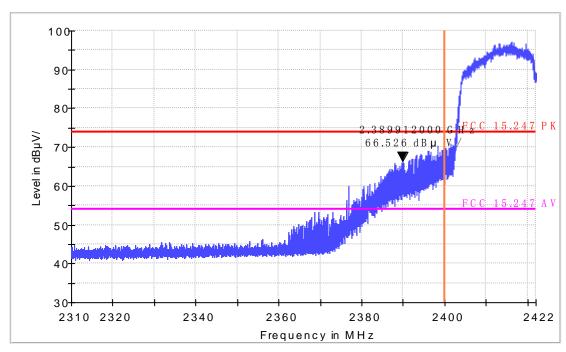
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-PK



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11n40 CH3

Test Voltage: Comment:

Common Information

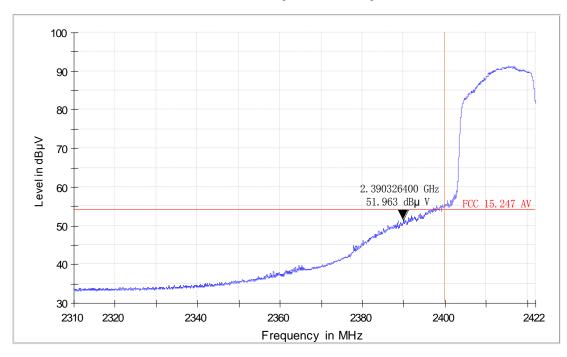
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-AV



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11n40 CH3

Test Voltage: Comment:

Common Information

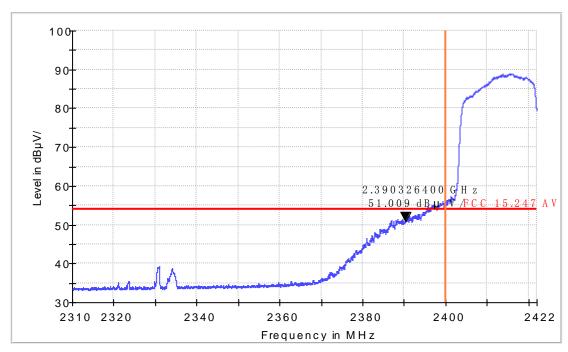
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-AV



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Band edge

11b

CH11

Radiated Emission

EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11b CH11

Test Voltage: Comment:

Common Information

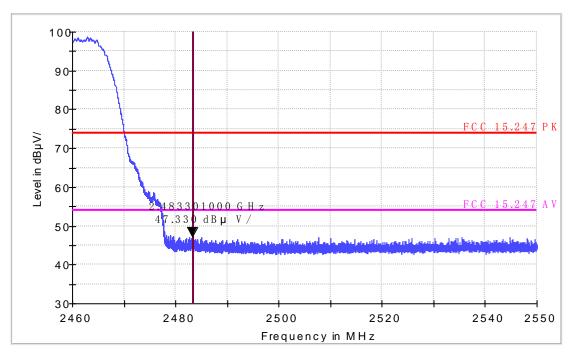
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-PK



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11b CH11

Test Voltage: Comment:

Common Information

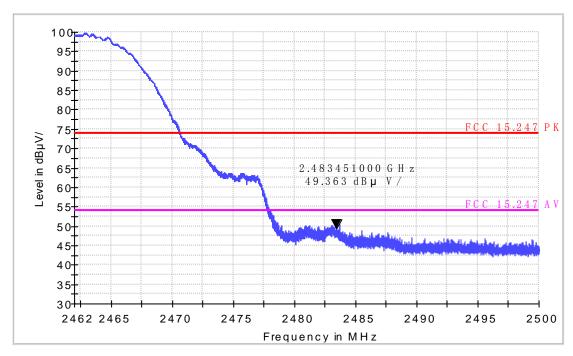
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-PK



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11b CH11

Test Voltage: Comment:

Common Information

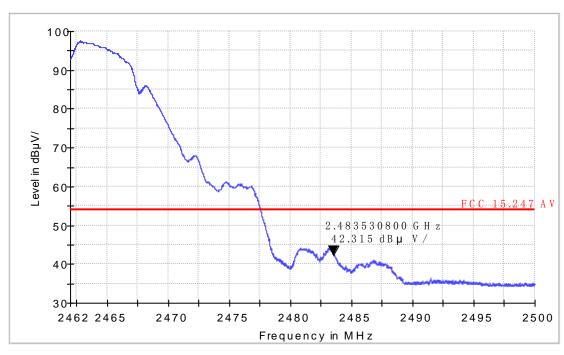
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-AV



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11b CH11

Test Voltage: Comment:

Common Information

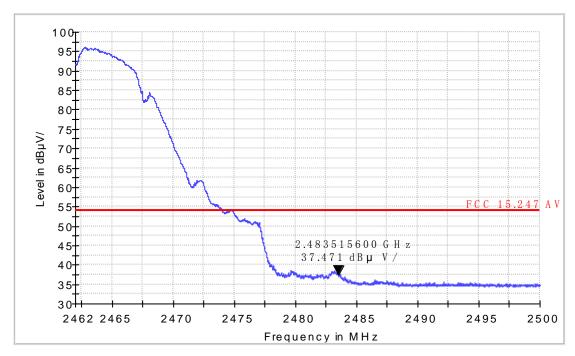
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-AV



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Band edge

11g

CH11

Radiated Emission

EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11g CH11

Test Voltage: Comment:

Common Information

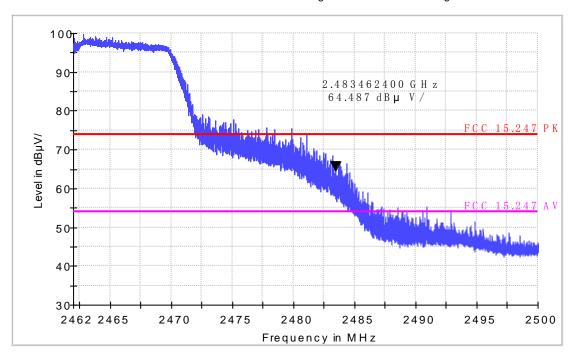
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-PK



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11g CH11

Test Voltage: Comment:

Common Information

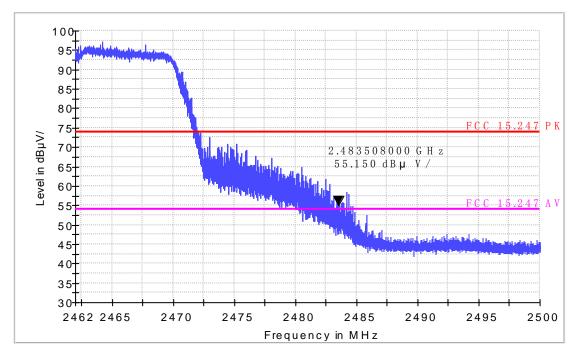
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-PK



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11g CH11

Test Voltage: Comment:

Common Information

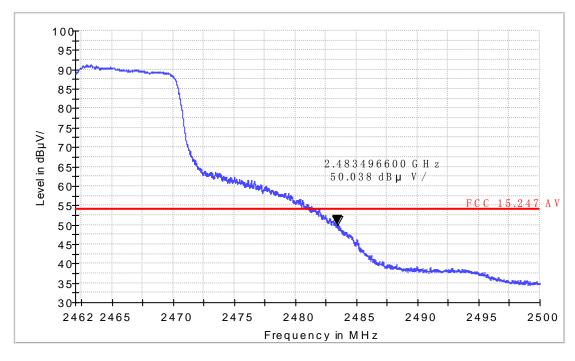
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-AV



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11g CH11

Test Voltage: Comment:

Common Information

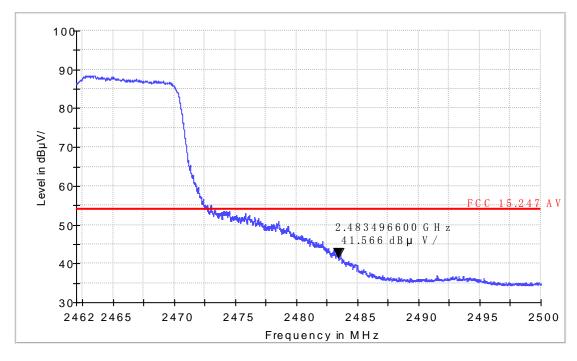
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-AV



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Band edge 11n-HT20 CH11

Radiated Emission

EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11n20 CH11

Test Voltage: Comment:

Common Information

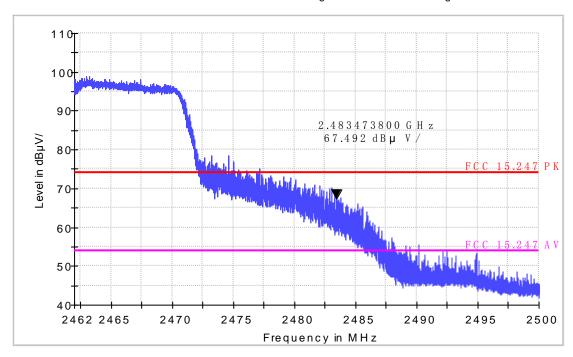
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-PK



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11n20 CH11

Test Voltage: Comment:

Common Information

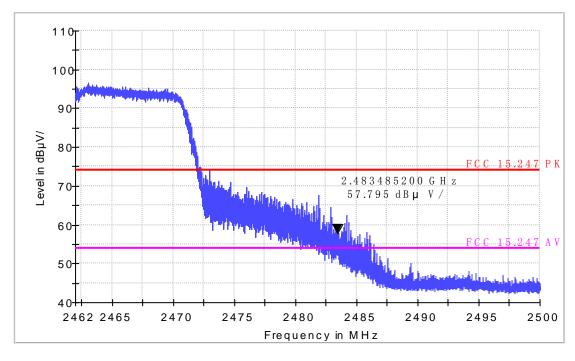
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-PK



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11n20 CH11

Test Voltage: Comment:

Common Information

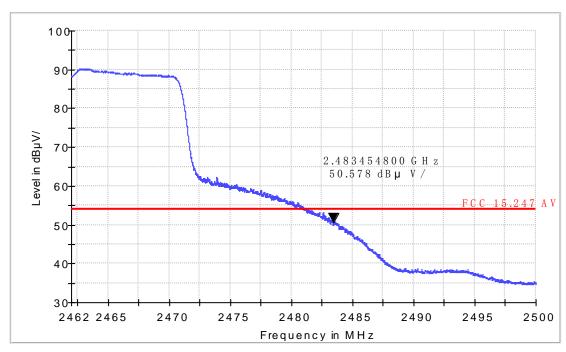
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-AV



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11n20 CH11

Test Voltage: Comment:

Common Information

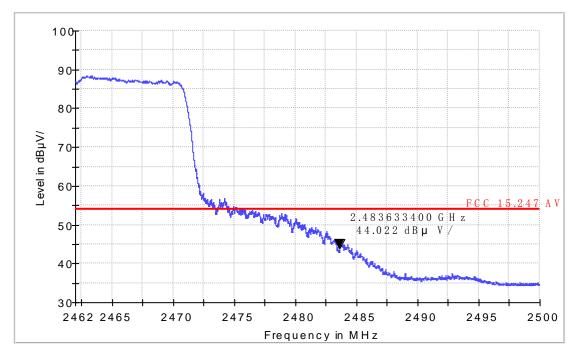
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-AV



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Band edge 11n-HT40 CH9

Radiated Emission

EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11n40 CH9

Test Voltage: Comment:

Common Information

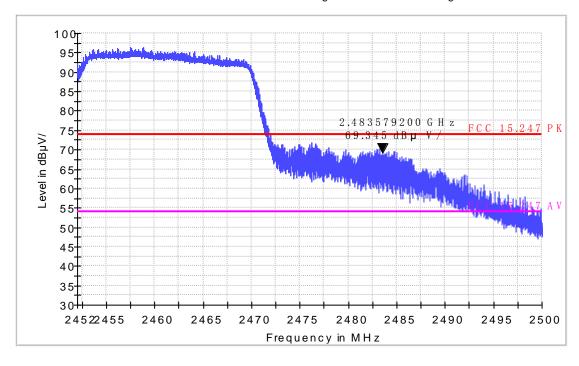
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-PK



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11n40 CH9

Test Voltage: Comment:

Common Information

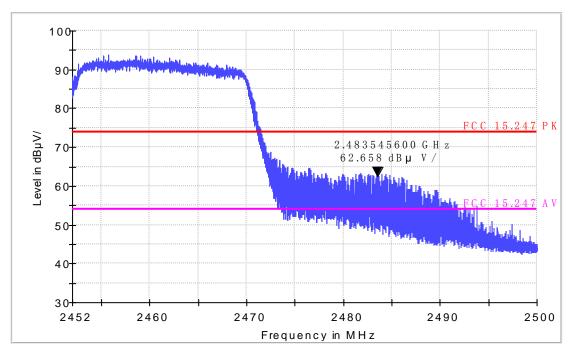
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-PK



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11n40 CH9

Test Voltage: Comment:

Common Information

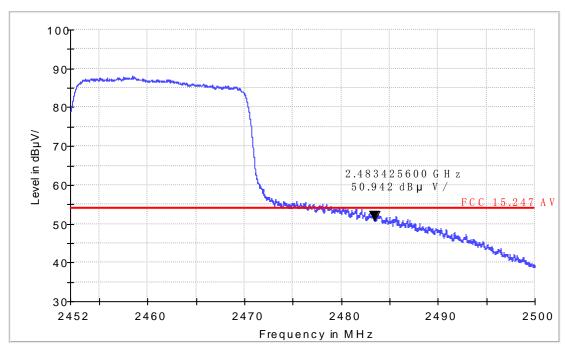
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Horizontal

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-AV



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EUT Information

EUT Model Name: HY1-5137 Operation mode: Wifi 11n40 CH9

Test Voltage: Comment:

Common Information

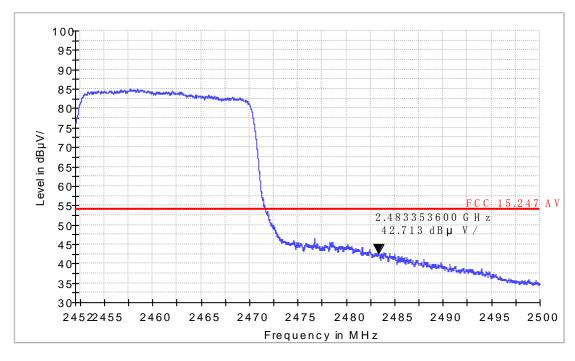
Test Site: SMQ EMC Lab.

Environment

Antenna Polarization: Vertical

Operator Name: Comment:

FCC Electric Field Strength 2.4GHz Bandedge-AV



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10. CONDUCTED EMISSION TEST FOR AC POWER PORT

MEASUREMENT

10.1.Test Standard and Limit

10.1.1.Test Standard FCC Part 15 15.207

10.1.2.Test Limit

Table 18 Conducted Disturbance Test Limit

Frequency	Maximum RF Line Voltage (dBμV)	
	Quasi-peak Level	Average Level
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *
500kHz~5MHz	56	46
5MHz~30MHz	60	50

^{*} Decreasing linearly with logarithm of the frequency

10.2.Test Procedure

The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI test receiver (R&S Test Receiver ESCS30) is used to test the emissions form both sides of AC line. According to the requirements in Section 7 and 13 of ANSI C63.4-2003.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode.

The bandwidth of EMI test receiver is set at 9kHz.

10.3.Test Arrangement

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application. The detailed information refers to test picture.

10.4.Test Data

The emissions don't show in below are too low against the limits. Refer to the test curves.

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^{*} The lower limit shall apply at the transition frequency.

Table 19 Conducted Disturbance Test Data

Model No.: HY1-5137 Test mode: Charging and transmitter Frequency Correction Quasi-Peak Average Factor (MHz) Emission Emission Reading Limits Reading Limits (dB) Level Level $(dB\mu V)$ $(dB\mu V)$ (dBµV) (dBµV) $(dB\mu V)$ $(dB\mu V)$ 63.4 0.162 9.7 27.5 37.2 18.9 28.6 53.4 Line 0.218 9.8 26.7 36.5 56 19.5 29.3 46 60 50 0.238 9.9 20.7 30.6 15.5 25.4 0.3 9.7 24.6 34.3 60.2 16.4 26.1 50.2 Neutral 0.523 9.8 23.9 33.7 56 14.7 24.5 46 50 9.531 10.0 18.1 28.1 60 10.3 20.3

REMARKS: 1. Emission level(dBuV)=Read Value(dBuV) + Correction Factor(dB)

- 2. Correction Factor(dB) =LISN Factor (dB) + Cable Factor (dB)+Limiter Factor(dB)
- 3. The other emission levels were very low against the limit.

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EUT: HY1-5137

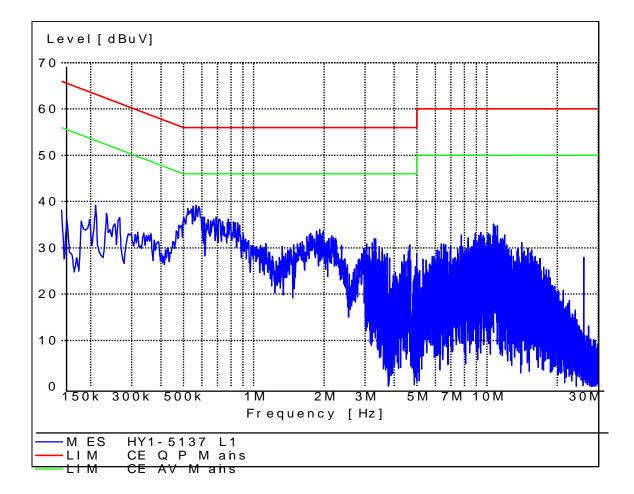
Manufacturer:

Operating Condition: Charging and transmitter

Test Site: Operator:

Test Specification: L

Comment: AC 120V/60Hz



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EUT: HY1-5137

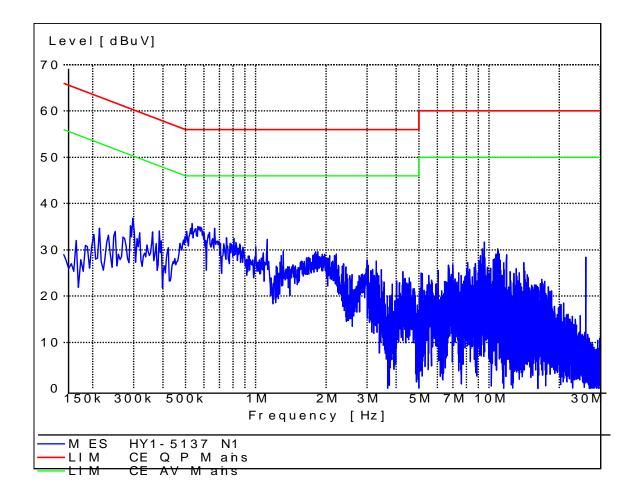
Manufacturer:

Operating Condition: Charging and transmitter

Test Site: Operator:

Test Specification: N

Comment: AC 120V/60Hz



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11.ANTENNA REQUIREMENTS

11.1.Applicable requirements

If directional gain of transmitting antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the FCC rule.

11.2.Antenna Connector

Antenna Connector is on the PCB within enclosure and not accessible to user.

11.3.Antenna Gain

The antenna gain of EUT is less than 6 dBi.

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