1-18G 11a IN THE 5.6GHz BAND Ch100

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH100
Test Voltage: DC 3.75V

Comment:

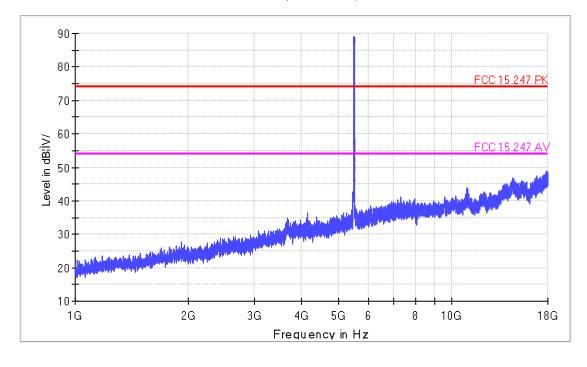
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 60 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH100
Test Voltage: DC 3.75V

Comment:

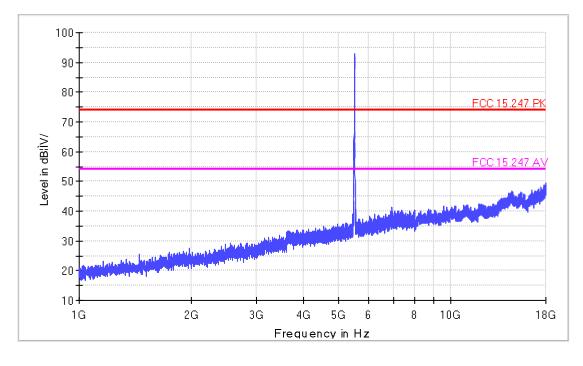
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 61 of 136

1-18G 11a IN THE 5.6GHz BAND Ch116

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH116
Test Voltage: DC 3.75V

Comment:

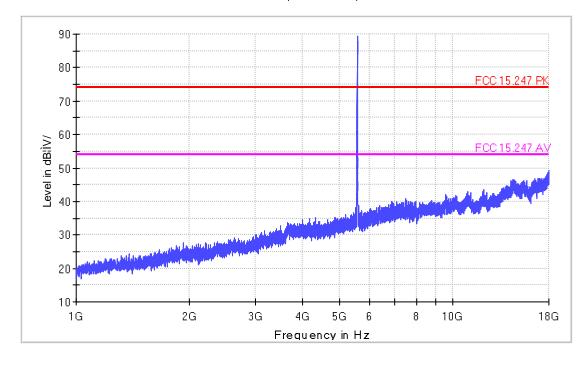
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 62 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH116
Test Voltage: DC 3.75V

Comment:

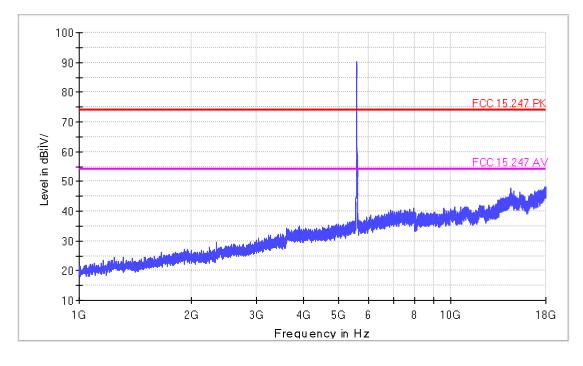
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 63 of 136

1-18G 11a IN THE 5.6GHz BAND Ch140

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH140
Test Voltage: DC 3.75V

Comment:

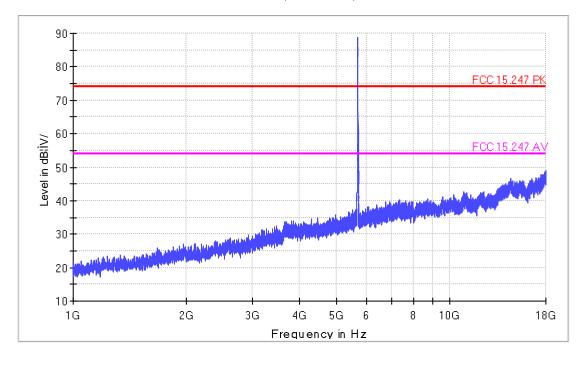
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 64 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH140
Test Voltage: DC 3.75V

Comment:

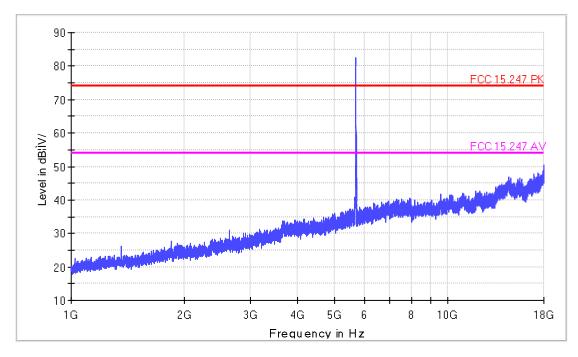
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 65 of 136

1-18G 11n HT20 IN THE 5.6GHz BAND Ch100

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH100
Test Voltage: DC 3.75V

Comment:

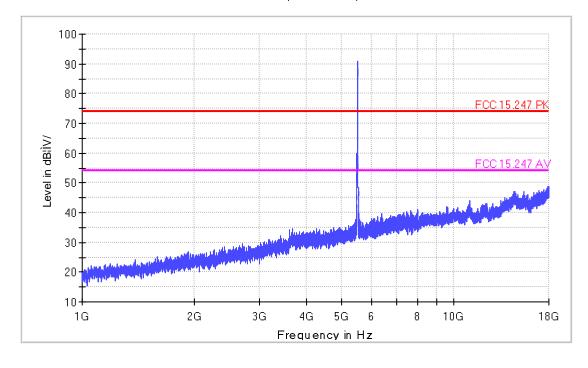
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 66 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH100
Test Voltage: DC 3.75V

Comment:

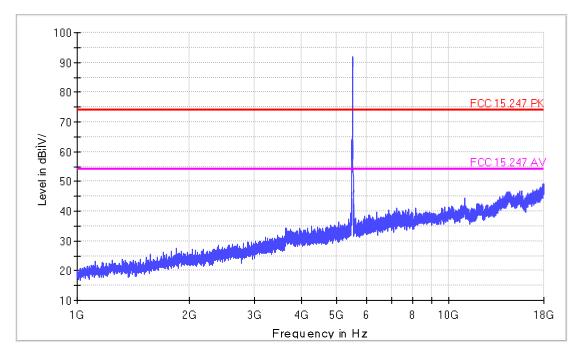
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 67 of 136

1-18G 11n HT20 IN THE 5.6GHz BAND Ch116

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH116
Test Voltage: DC 3.75V

Comment:

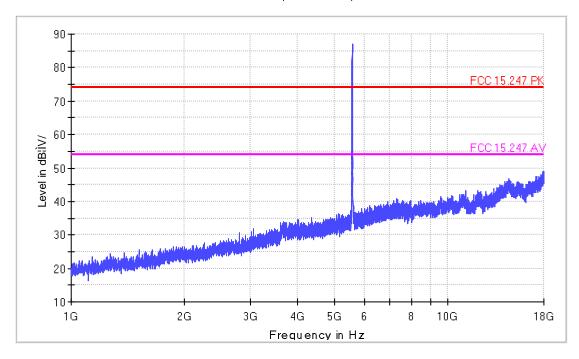
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 68 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH116
Test Voltage: DC 3.75V

Comment:

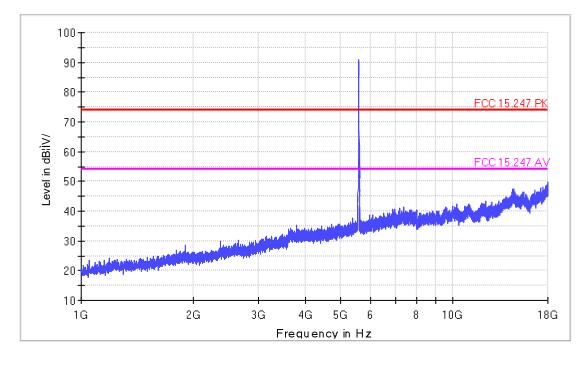
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 69 of 136

1-18G 11n HT20 IN THE 5.6GHz BAND Ch140

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH140
Test Voltage: DC 3.75V

Comment:

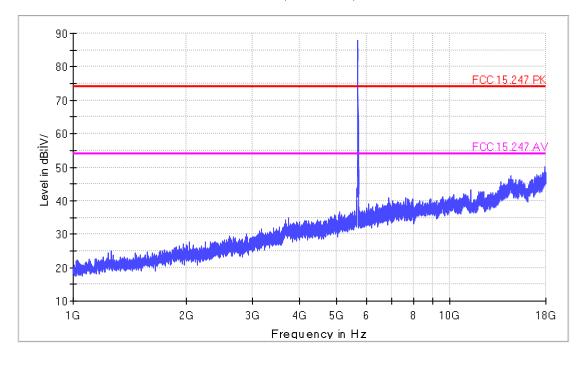
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 70 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH140
Test Voltage: DC 3.75V

Comment:

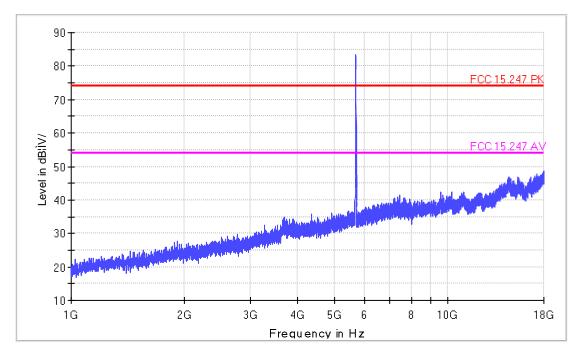
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 71 of 136

1-18G 11a IN THE 5.8GHz BAND CH149

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH149
Test Voltage: DC 3.75V

Comment:

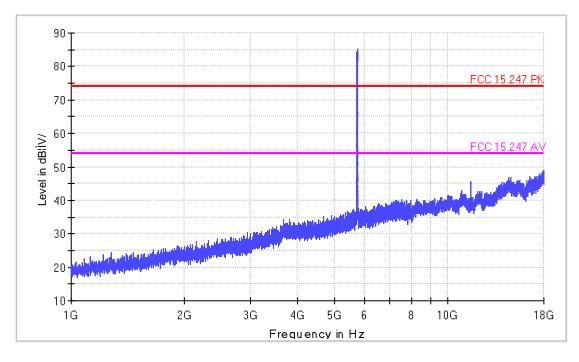
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 72 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH149
Test Voltage: DC 3.75V

Comment:

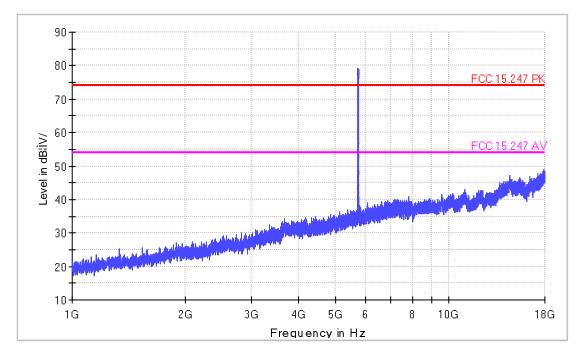
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 73 of 136

1-18G 11a IN THE 5.8GHz BAND CH157

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH157
Test Voltage: DC 3.75V
Comment:

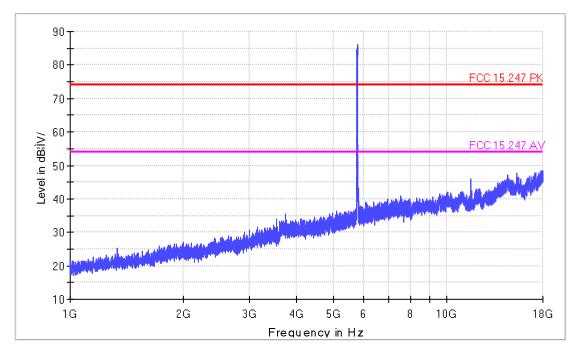
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 74 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH157
Test Voltage: DC 3.75V

Comment:

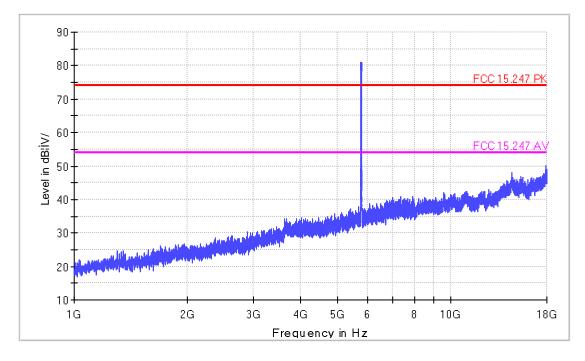
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 75 of 136

1-18G 11a IN THE 5.8GHz BAND CH165

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH165
Test Voltage: DC 3.75V
Comment:

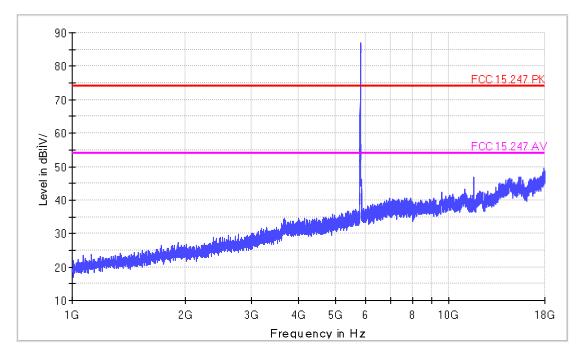
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 76 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH165
Test Voltage: DC 3.75V

Comment:

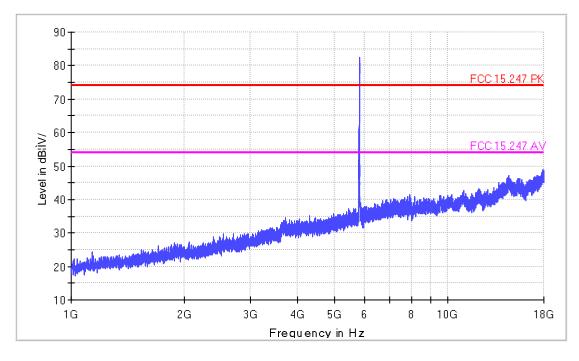
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 77 of 136

1-18G 11n HT20 IN THE 5.8GHz BAND CH149

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n HT20 CH149
Test Voltage: DC 3.75V

Comment:

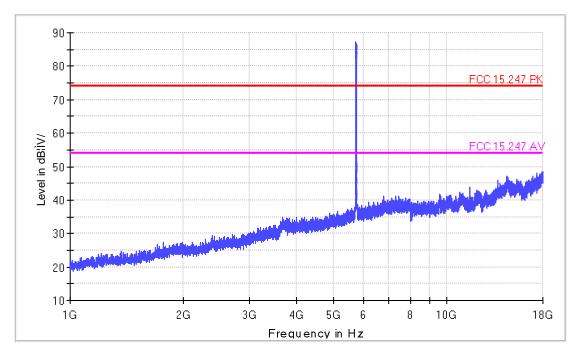
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 78 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n HT20 CH149
Test Voltage: DC 3.75V

Comment:

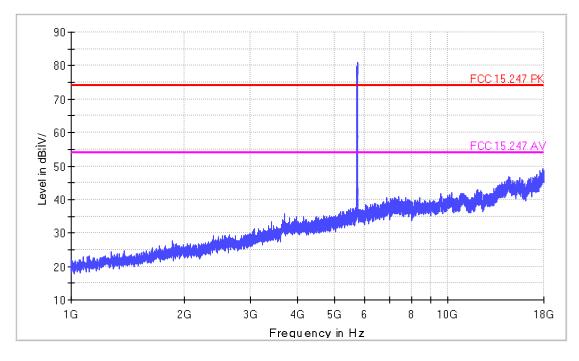
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 79 of 136

1-18G 11n HT20 IN THE 5.8GHz BAND CH157

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n HT20 CH157
Test Voltage: DC 3.75V

Comment:

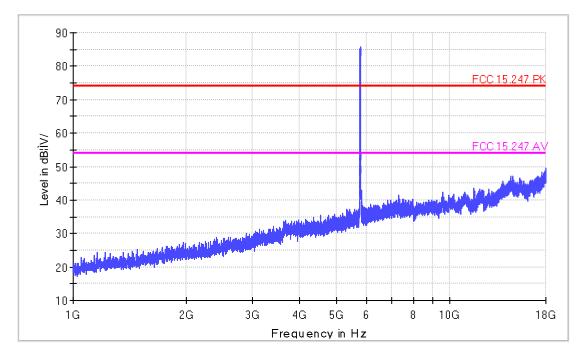
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 80 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n HT20 CH157
Test Voltage: DC 3.75V

Comment:

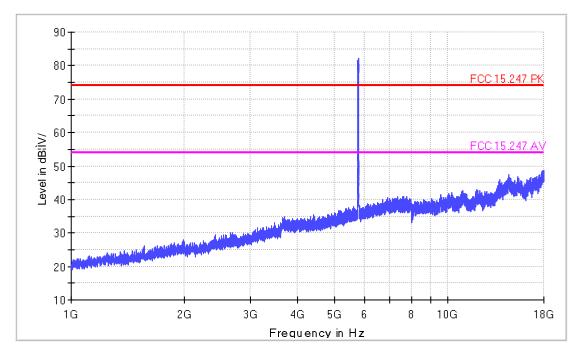
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 81 of 136

1-18G 11n HT20 IN THE 5.8GHz BAND CH165

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n HT20 CH165
Test Voltage: DC 3.75V

Comment:

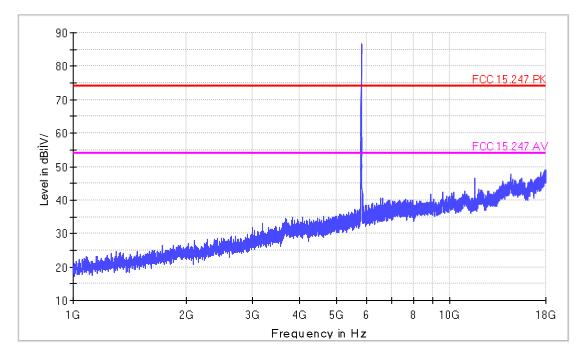
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 82 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n HT20 CH165
Test Voltage: DC 3.75V

Comment:

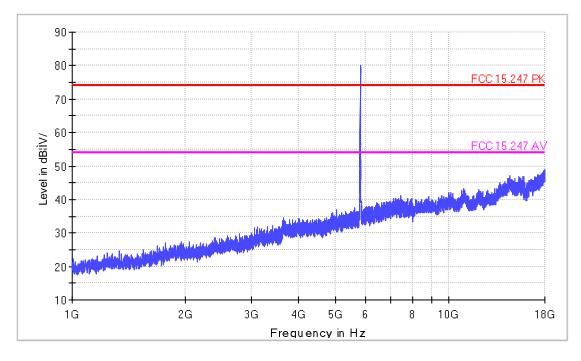
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 83 of 136

18-26.5G

No Peak found in pre-scan, only worst case result is listed in this report.

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: Transmitting
Test Voltage: DC 3.75V
Comment:

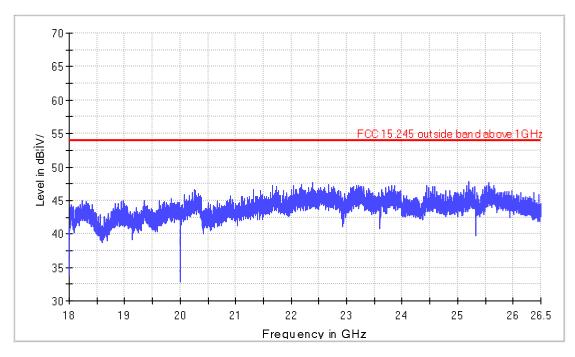
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 18-26.5GHz



Report No.:WT178004082 Page 84 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: Transmitting
Test Voltage: DC 3.75V

Comment:

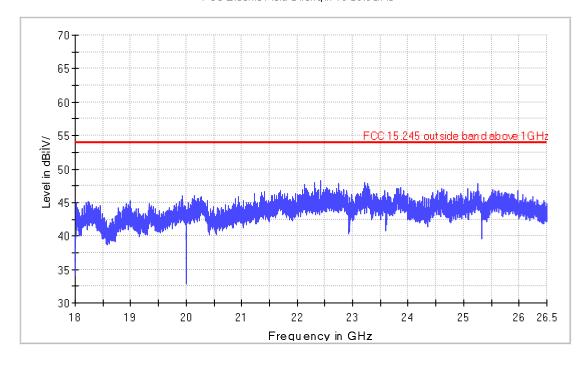
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 18-26.5GHz



Report No.:WT178004082 Page 85 of 136

26.5-40G

No Peak found in pre-scan, only worst case result is listed in this report.

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: Transmitting
Test Voltage: DC 3.75V

Comment:

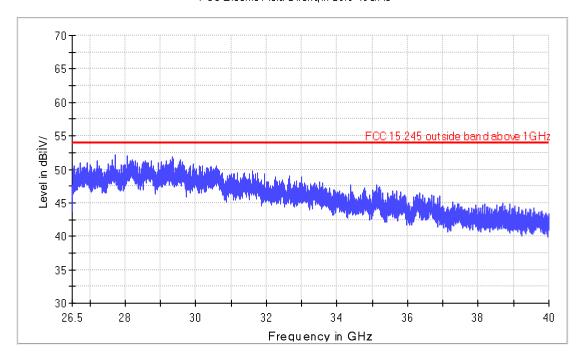
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 26.5-40GHz



Report No.:WT178004082 Page 86 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: Transmitting
Test Voltage: DC 3.75V

Comment:

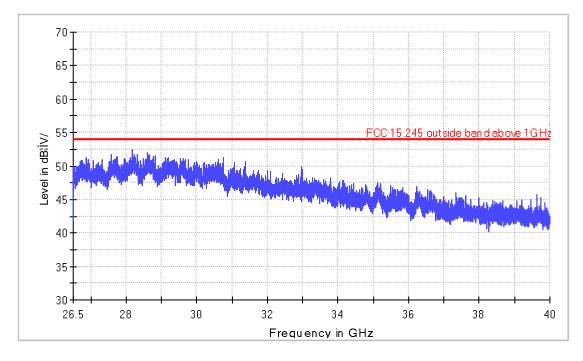
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 26.5-40GHz



Report No.:WT178004082 Page 87 of 136

Band edge 11a IN THE 5.2GHz BAND CH36

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH36
Test Voltage: DC 3.75V

Comment:

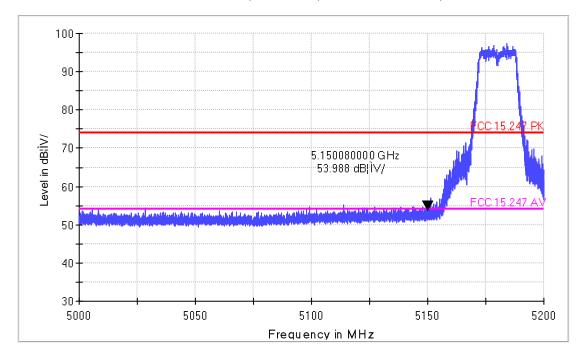
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz Bandedge-PK



No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	47.78	6.21	53.99	74.00	-20.01	Peak	Horizontal

Report No.:WT178004082 Page 88 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH36
Test Voltage: DC 3.75V

Comment:

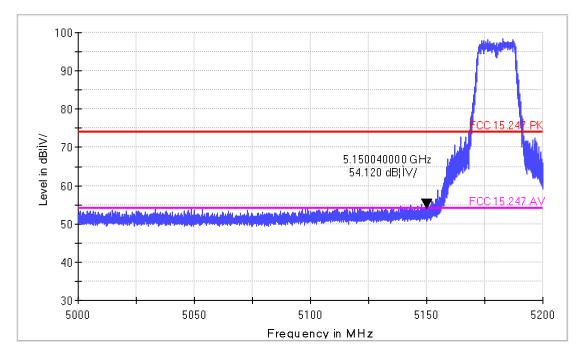
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz Bandedge-PK



No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	47.91	6.21	54.12	74.00	-19.88	Peak	Vertical

Report No.:WT178004082 Page 89 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH36
Test Voltage: DC 3.75V

Comment:

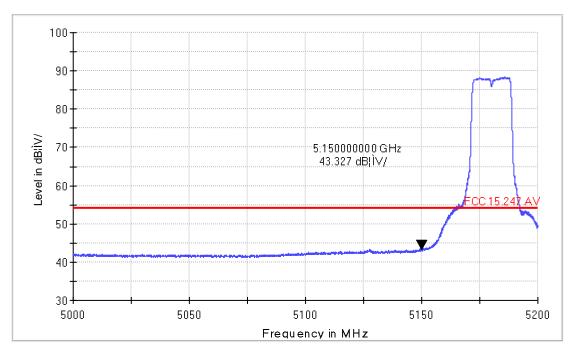
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz Bandedge-AV



No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	37.12	6.21	43.33	54.00	-10.67	Average	Horizontal

Report No.:WT178004082 Page 90 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH36
Test Voltage: DC 3.75V

Comment:

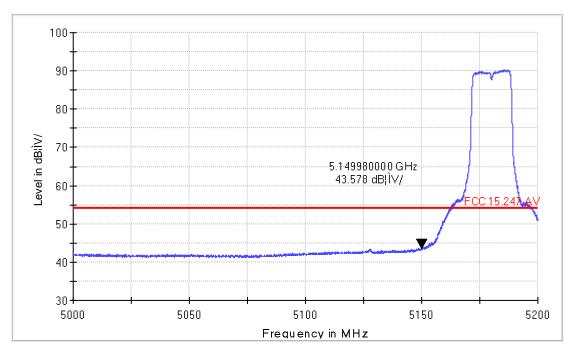
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz Bandedge-AV



No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	37.37	6.21	43.58	54.00	-10.42	Average	Vertical

Report No.:WT178004082 Page 91 of 136

Band edge 11n HT20 IN THE 5.2GHz BAND CH36

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n HT20 CH36
Test Voltage: DC 3.75V

Comment:

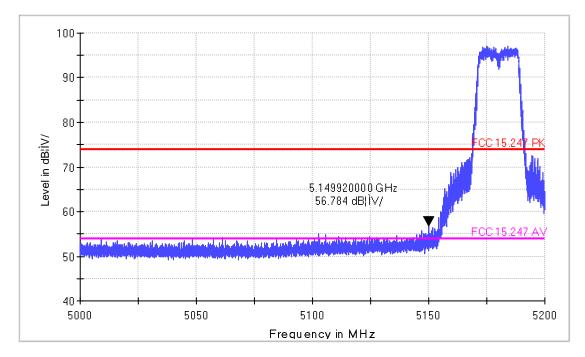
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz Bandedge-PK



No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	50.57	6.21	56.78	74.00	-17.22	Peak	Horizontal

Report No.:WT178004082 Page 92 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n HT20 CH36
Test Voltage: DC 3.75V

Comment:

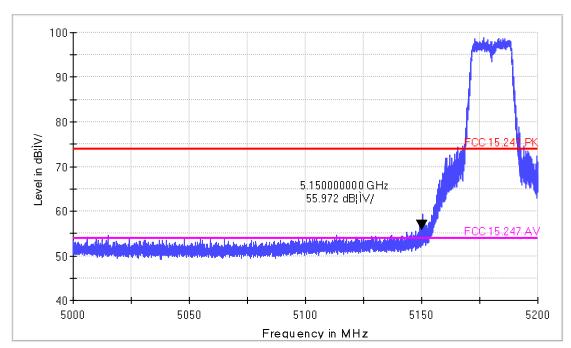
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz Bandedge-PK



No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	49.76	6.21	55.97	74.00	-18.03	Peak	Vertical

Report No.:WT178004082 Page 93 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n HT20 CH36
Test Voltage: DC 3.75V

Comment:

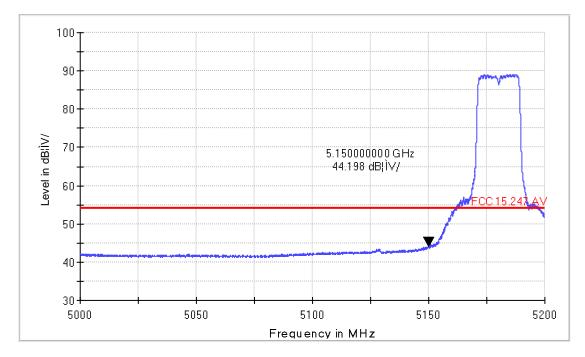
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz Bandedge-AV



No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	37.99	6.21	44.20	54.00	-9.80	Average	Horizontal

Report No.:WT178004082 Page 94 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n HT20 CH36
Test Voltage: DC 3.75V

Comment:

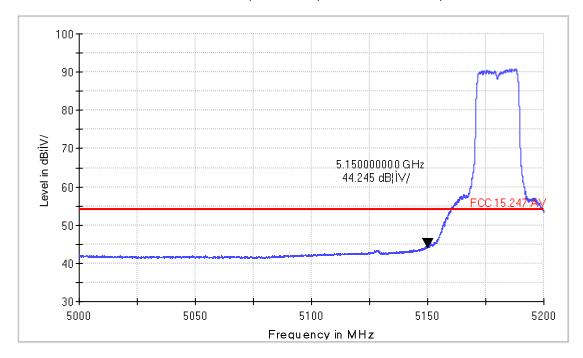
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz Bandedge-AV



No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	38.04	6.21	44.25	54.00	-9.75	Average	Vertical

Report No.:WT178004082 Page 95 of 136

Band edge 11a IN THE 5.3GHz BAND CH64

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH64
Test Voltage: DC 3.75V
Comment:

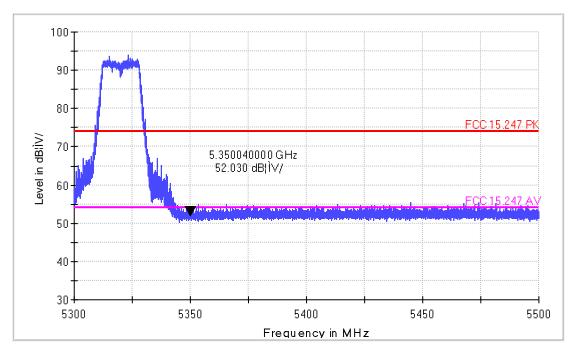
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz Bandedge-PK



1	No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Pole
	1	5150.0000	45.82	6.21	52.03	74.00	-21.97	Peak	Horizontal

Report No.:WT178004082 Page 96 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH64
Test Voltage: DC 3.75V

Comment:

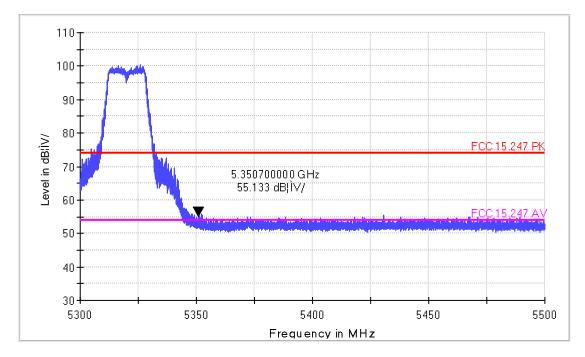
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz Bandedge-PK



No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Pole
1	5350.0000	48.58	6.55	55.13	74.00	-18.87	Peak	Vertical

Report No.:WT178004082 Page 97 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH64
Test Voltage: DC 3.75V

Comment:

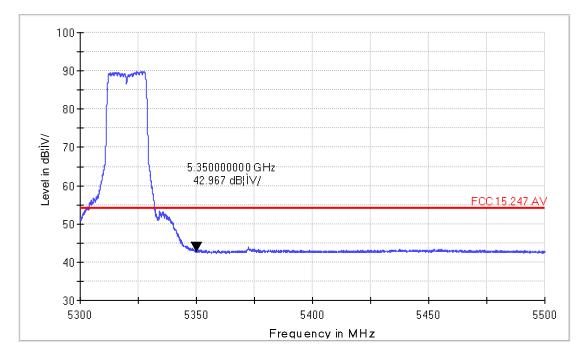
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz Bandedge-AV



No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Pole
1	5350.0000	36.42	6.55	42.97	54.00	-11.03	Average	Horizontal

Report No.:WT178004082 Page 98 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH64
Test Voltage: DC 3.75V

Comment:

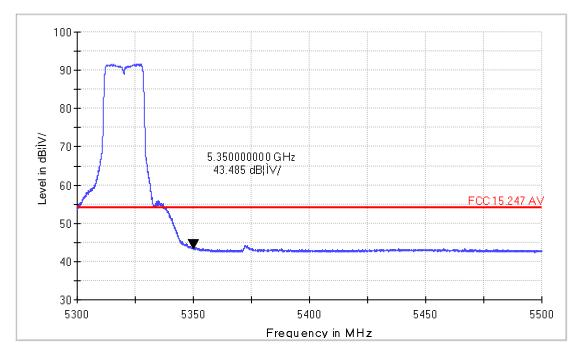
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz Bandedge-AV



No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Pole
1	5350.0000	36.94	6.55	43.49	54.00	-10.51	Average	Vertical

Report No.:WT178004082 Page 99 of 136

Band edge 11n HT20 IN THE 5.3GHz BAND CH64

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n HT20 CH64
Test Voltage: DC 3.75V

Comment:

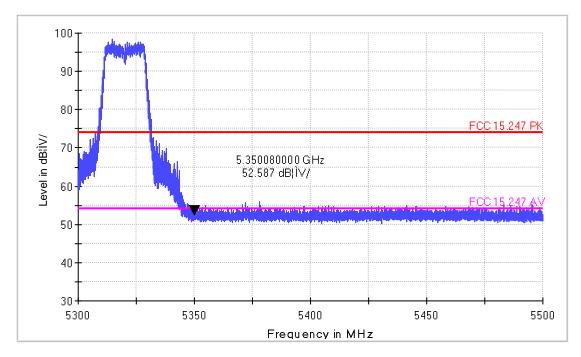
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz Bandedge-PK



No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	46.04	6.55	52.59	74.00	-21.41	Peak	Horizontal

Report No.:WT178004082 Page 100 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n HT20 CH64
Test Voltage: DC 3.75V

Comment:

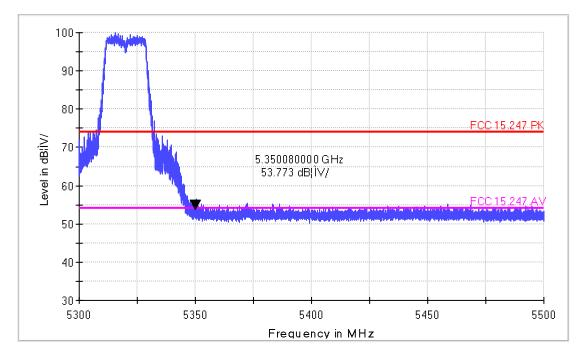
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz Bandedge-PK



No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Pole
1	5350.0000	47.22	6.55	53.77	74.00	-20.23	Peak	Vertical

Report No.:WT178004082 Page 101 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n HT20 CH64
Test Voltage: DC 3.75V

Comment:

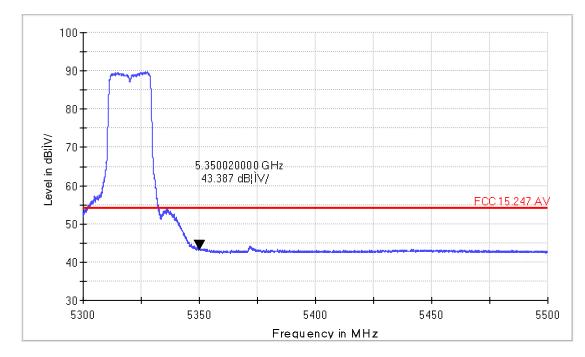
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz Bandedge-AV



No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Pole
1	5350.0000	36.84	6.55	43.39	54.00	-10.61	Average	Horizontal

Report No.:WT178004082 Page 102 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n HT20 CH64
Test Voltage: DC 3.75V

Comment:

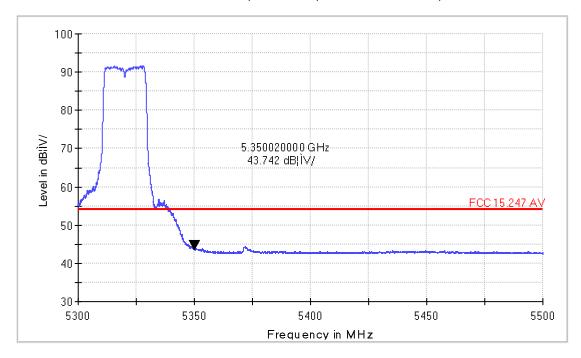
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC Electric Field Strength 1-18GHz operate on 5GHz Bandedge-AV



No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Pole
1	5350.0000	37.19	6.55	43.74	54.00	-10.26	Average	Vertical

Report No.:WT178004082 Page 103 of 136

Band edge 11a IN THE 5.6GHz BAND CH100

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH100
Test Voltage: DC 3.75V
Comment:

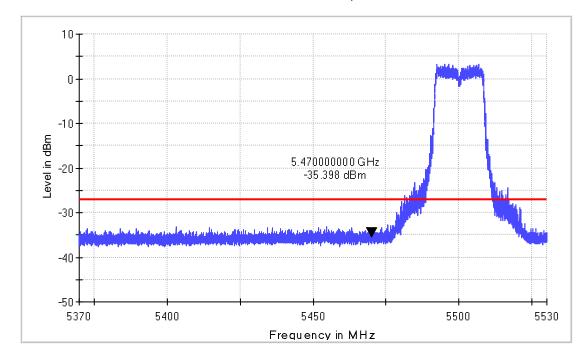
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC WiFi 5.8GHz Bandedge-PK



No.	Frequency (MHz)	Reading (dBm)	Corrected (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector	Antenna Pole
1	5470.0000	-47.92	12.53	-35.39	-27.00	-8.39	Peak	Horizontal

Report No.:WT178004082 Page 104 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH100
Test Voltage: DC 3.75V

Comment:

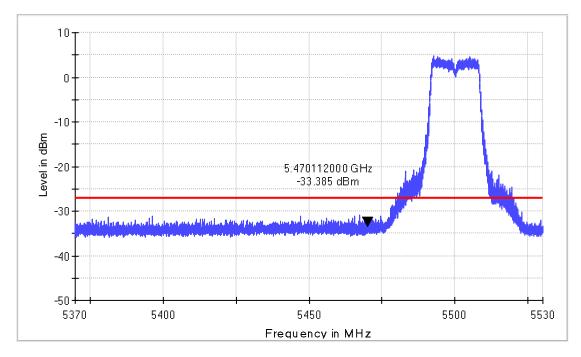
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC WiFi 5.8GHz Bandedqe-PK



No.	Frequency (MHz)	Reading (dBm)	Corrected (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector	Antenna Pole
1	5470.0000	-45.91	12.53	-33.38	-27.00	-6.38	Peak	Vertical

Report No.:WT178004082 Page 105 of 136

Band edge 11a IN THE 5.6GHz BAND CH140

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH140
Test Voltage: DC 3.75V

Comment:

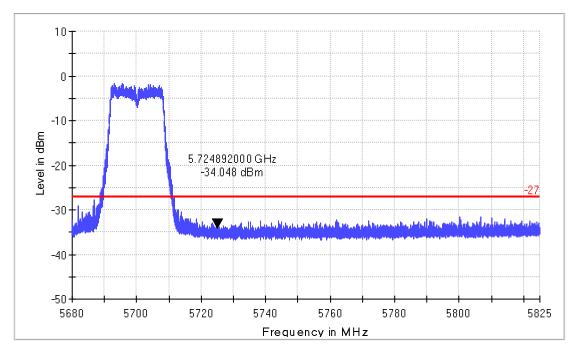
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC WiFi 5.8GHz Bandedqe-PK



No.	Frequency (MHz)	Reading (dBm)	Corrected (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector	Antenna Pole
1	5725.0000	-47.36	13.32	-34.04	-27.00	-7.04	Peak	Horizontal

Report No.:WT178004082 Page 106 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH140
Test Voltage: DC 3.75V

Comment:

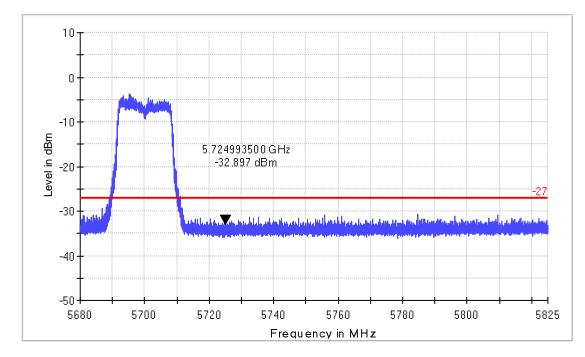
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC WiFi 5.8GHz Bandedge-PK



No.	Frequency (MHz)	Reading (dBm)	Corrected (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector	Antenna Pole
1	5725.0000	-46.21	13.32	-32.89	-27.00	-5.89	Peak	Vertical

Report No.:WT178004082 Page 107 of 136

Band edge 11n HT20 IN THE 5.6GHz BAND CH100

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n HT20 CH100
Test Voltage: DC 3.75V

Comment:

Common Information

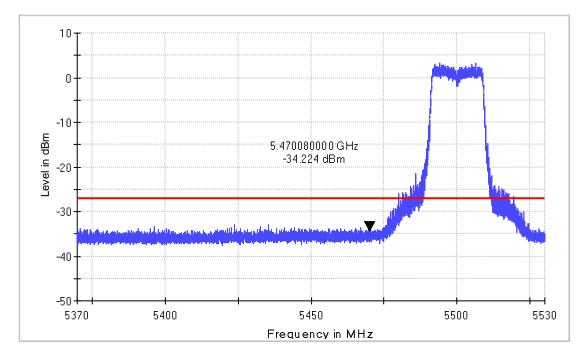
Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee

Date: June 26

FCC WiFi 5.8GHz Bandedqe-PK



No.	Frequency (MHz)	Reading (dBm)	Corrected (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector	Antenna Pole
1	5470.0000	-47.54	13.32	-34.22	-27.00	-7.22	Peak	Horizontal

Report No.:WT178004082 Page 108 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n HT20 CH100
Test Voltage: DC 3.75V

Comment:

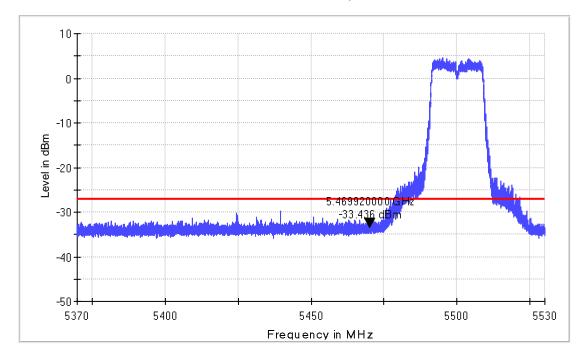
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC WiFi 5.8GHz Bandedqe-PK



No.	Frequency (MHz)	Reading (dBm)	Corrected (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector	Antenna Pole
1	5470.0000	-46.75	13.32	-33.43	-27.00	-6.43	Peak	Vertical

Report No.:WT178004082 Page 109 of 136

Band edge 11n HT20 IN THE 5.6GHz BAND CH140

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n20 CH140
Test Voltage: DC 3.75V
Comment:

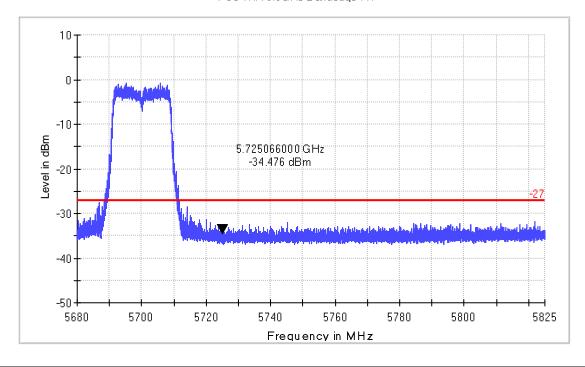
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC WiFi 5.8GHz Bandedqe-PK



No.	Frequency (MHz)	Reading (dBm)	Corrected (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector	Antenna Pole
1	5725.0000	-47.79	13.32	-34.47	-27.00	-7.47	Peak	Horizontal

Report No.:WT178004082 Page 110 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n20 CH140
Test Voltage: DC 3.75V

Comment:

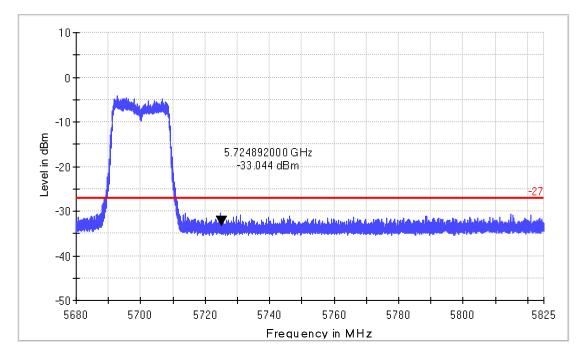
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC WiFi 5.8GHz Bandedge-PK



No.	Frequency (MHz)	Reading (dBm)	Corrected (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector	Antenna Pole
1	5725.0000	-46.36	13.32	-33.04	-27.00	-6.04	Peak	Vertical

Report No.:WT178004082 Page 111 of 136

Band edge 11a IN THE 5.8GHz BAND CH149

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH149
Test Voltage: DC 3.75V
Comment:

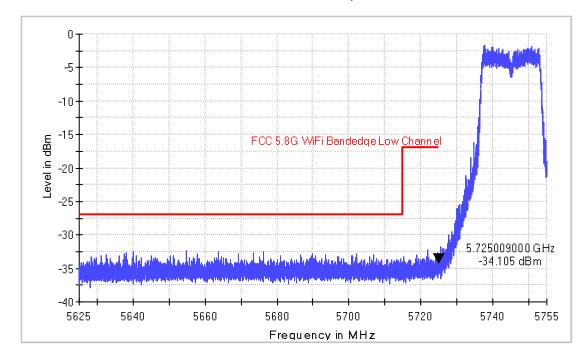
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC WiFi 5.8GHz Bandedge-PK



No.	Frequency (MHz)	Reading (dBm)	Corrected (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector	Antenna Pole
1	5725.0000	-47.42	13.32	-34.10	-17.00	-17.10	Peak	Horizontal

Report No.:WT178004082 Page 112 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH149
Test Voltage: DC 3.75V

Comment:

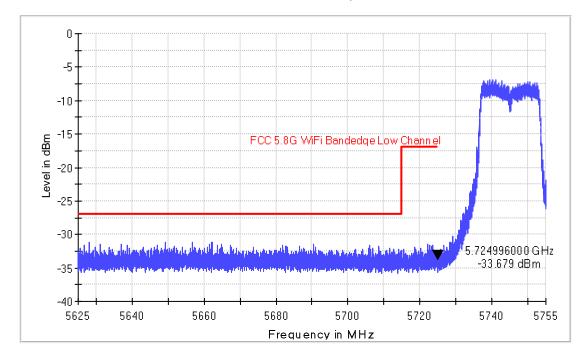
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC WiFi 5.8GHz Bandedge-PK



No.	Frequency (MHz)	Reading (dBm)	Corrected (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector	Antenna Pole
1	5725.0000	-46.99	13.32	-33.67	-17.00	-16.67	Peak	Vertical

Report No.:WT178004082 Page 113 of 136

Band edge 11a IN THE 5.8GHz BAND CH165

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH165
Test Voltage: DC 3.75V
Comment:

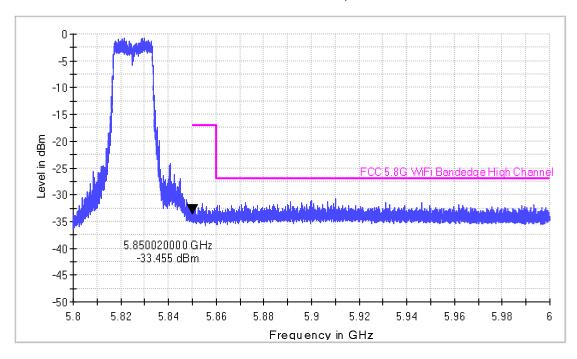
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC WiFi 5.8GHz Bandedge-PK



No.	Frequency (MHz)	Reading (dBm)	Corrected (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector	Antenna Pole
1	5850.0000	-46.96	13.51	-33.45	-17.00	-16.45	Peak	Horizontal

Report No.:WT178004082 Page 114 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11a CH165
Test Voltage: DC 3.75V

Comment:

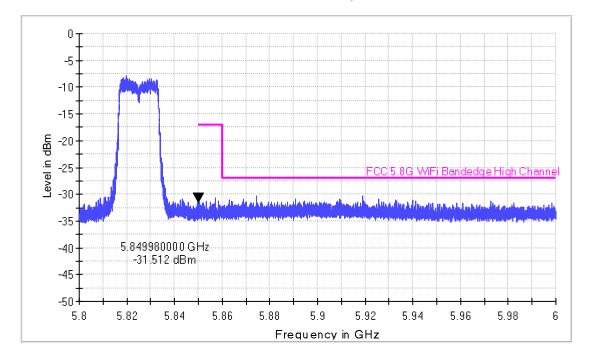
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC WiFi 5.8GHz Bandedge-PK



No.	Frequency (MHz)	Reading (dBm)	Corrected (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector	Antenna Pole
1	5850.0000	-45.02	13.51	-31.51	-17.00	-14.51	Peak	Vertical

Report No.:WT178004082 Page 115 of 136

Band edge 11n HT20 IN THE 5.8GHz BAND CH149

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n HT20 CH149
Test Voltage: DC 3.75V

Comment:

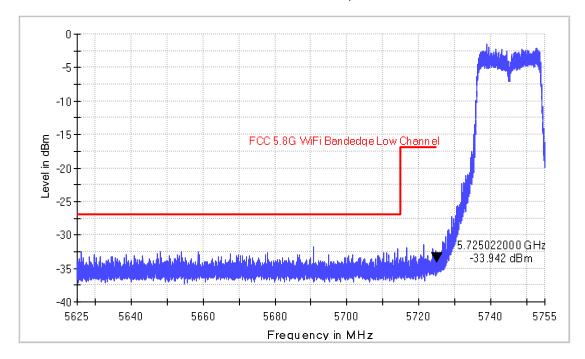
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC WiFi 5.8GHz Bandedge-PK



No.	Frequency (MHz)	Reading (dBm)	Corrected (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector	Antenna Pole
1	5725.0000	-47.26	13.32	-33.94	-17.00	-16.94	Peak	Horizontal

Report No.:WT178004082 Page 116 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n HT20 CH149
Test Voltage: DC 3.75V

Comment:

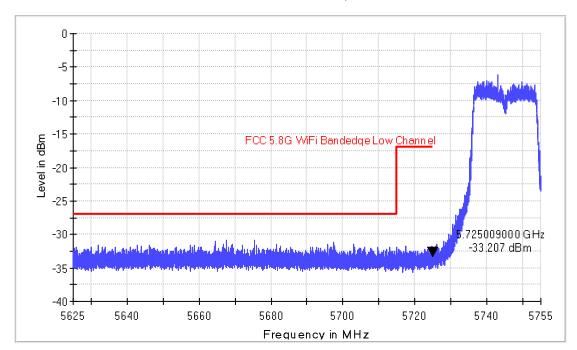
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC WiFi 5.8GHz Bandedge-PK



No.	Frequency (MHz)	Reading (dBm)	Corrected (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector	Antenna Pole
1	5725.0000	-46.52	13.32	-33.20	-17.00	-16.20	Peak	Vertical

Report No.:WT178004082 Page 117 of 136

Band edge 11n HT20 IN THE 5.8GHz BAND CH165

Radiated Emission

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n20 CH165
Test Voltage: DC 3.75V
Comment:

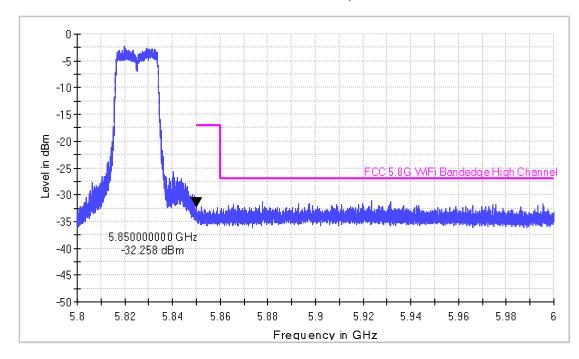
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: June 26

FCC WiFi 5.8GHz Bandedge-PK



No.	Frequency (MHz)	Reading (dBm)	Corrected (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector	Antenna Pole
1	5850.0000	-45.76	13.51	-32.25	-17.00	-15.25	Peak	Horizontal

Report No.:WT178004082 Page 118 of 136

EUT Information

EUT Model Name: JTAWB HH
Operation mode: 11n20 CH165
Test Voltage: DC 3.75V

Comment:

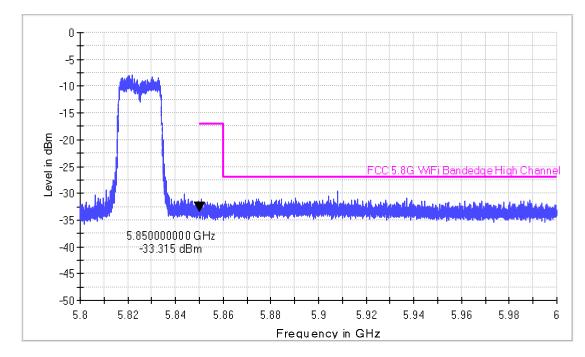
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:24.1° Humidity:54.1

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: June 26

FCC WiFi 5.8GHz Bandedqe-PK



No.	Frequency (MHz)	Reading (dBm)	Corrected (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector	Antenna Pole
1	5850.0000	-46.82	13.51	-33.31	-17.00	-16.31	Peak	Vertical

Report No.:WT178004082 Page 119 of 136

Test Plot- for Gun variants (Spots Check test)

1-18G 11a IN THE 5.2GHz BAND CH40

Radiated Emission

EUT Information

EUT Model Name: JTAWB GUN
Operation mode: 11a CH40
Test Voltage: DC 3.75V
Comment:

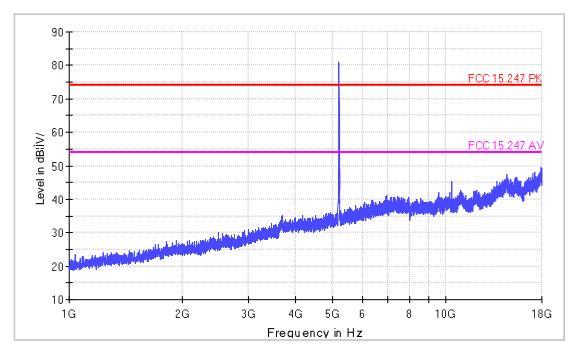
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:23.7° Humidity:52.9

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: July 03

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 120 of 136

EUT Information

EUT Model Name: JTAWB GUN
Operation mode: 11a CH40
Test Voltage: DC 3.75V

Comment:

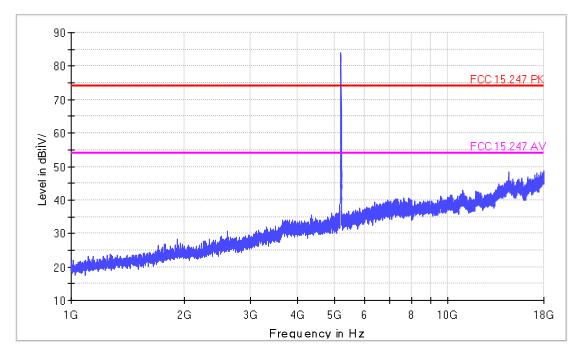
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:23.7° Humidity:52.9

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: July 03

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 121 of 136

1-18G 11n HT20 IN THE 5.2GHz BAND CH40

Radiated Emission

EUT Information

EUT Model Name: JTAWB GUN
Operation mode: 11n HT20 CH40
Test Voltage: DC 3.75V

Comment:

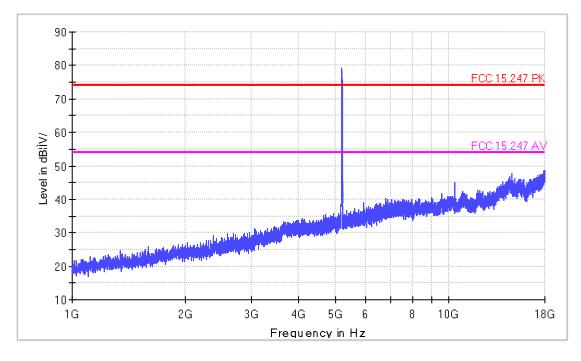
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:23.7° Humidity:52.9

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: July 03

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 122 of 136

EUT Information

EUT Model Name: JTAWB GUN
Operation mode: 11n HT20 CH40
Test Voltage: DC 3.75V

Comment:

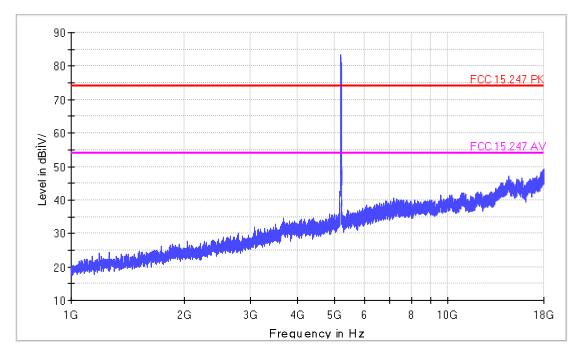
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:23.7° Humidity:52.9

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: July 03

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 123 of 136

1-18G

11a IN THE 5.3GHz BAND

Ch60

Radiated Emission

EUT Information

EUT Model Name: JTAWB GUN
Operation mode: 11a CH60
Test Voltage: DC 3.75V

Comment:

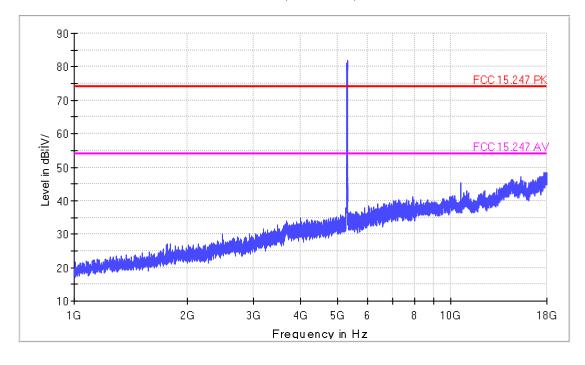
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:23.7° Humidity:52.9

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: July 03

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 124 of 136

EUT Information

EUT Model Name: JTAWB GUN
Operation mode: 11a CH60
Test Voltage: DC 3.75V

Comment:

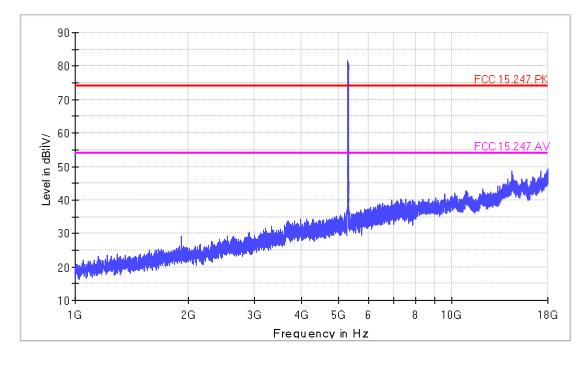
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:23.7° Humidity:52.9

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: July 03

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 125 of 136

1-18G 11n HT20 IN THE 5.3GHz BAND Ch60

Radiated Emission

EUT Information

EUT Model Name: JTAWB GUN
Operation mode: 11a CH60
Test Voltage: DC 3.75V

Comment:

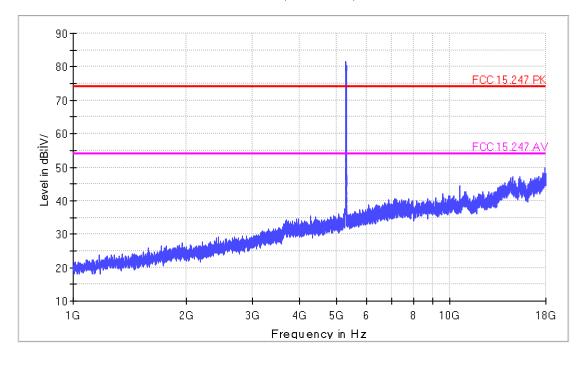
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:23.7° Humidity:52.9

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: July 03

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 126 of 136

EUT Information

EUT Model Name: JTAWB GUN
Operation mode: 11a CH60
Test Voltage: DC 3.75V

Comment:

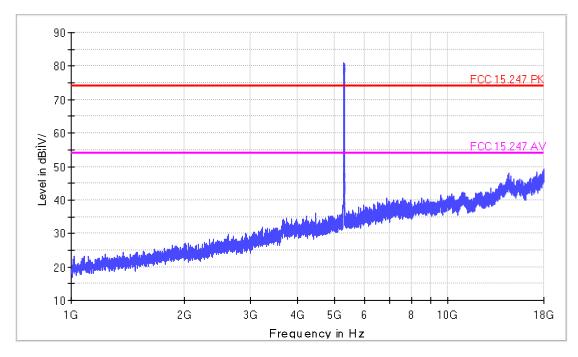
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:23.7° Humidity:52.9

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: July 03

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 127 of 136

1-18G 11a IN THE 5.6GHz BAND Ch116

Radiated Emission

EUT Information

EUT Model Name: JTAWB GUN
Operation mode: 11a CH116
Test Voltage: DC 3.75V
Comment:

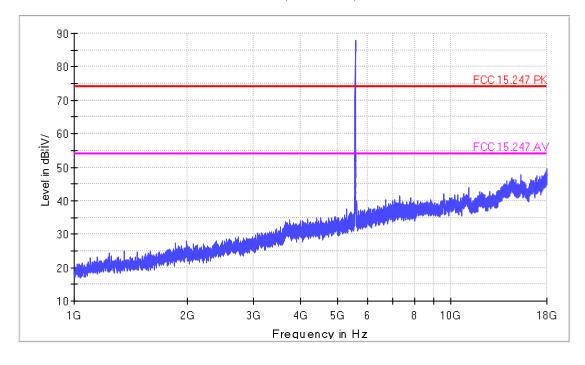
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:23.7° Humidity:52.9

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: July 03

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 128 of 136

EUT Information

EUT Model Name: JTAWB GUN
Operation mode: 11a CH116
Test Voltage: DC 3.75V

Comment:

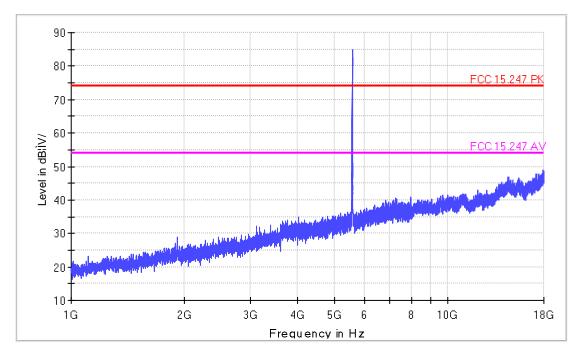
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:23.7° Humidity:52.9

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: July 03

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 129 of 136

1-18G 11n HT20 IN THE 5.6GHz BAND Ch116

Radiated Emission

EUT Information

EUT Model Name: JTAWB GUN
Operation mode: 11a CH116
Test Voltage: DC 3.75V

Comment:

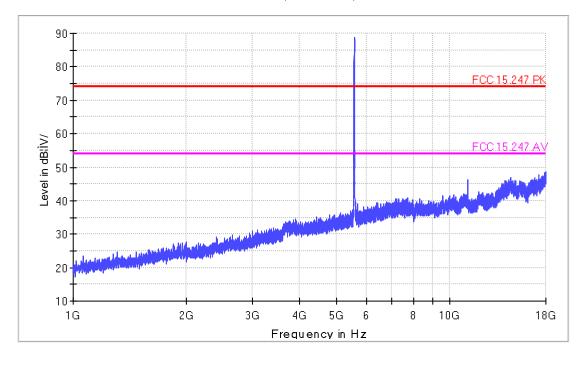
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:23.7° Humidity:52.9

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: July 03

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 130 of 136

EUT Information

EUT Model Name: JTAWB GUN
Operation mode: 11a CH116
Test Voltage: DC 3.75V

Comment:

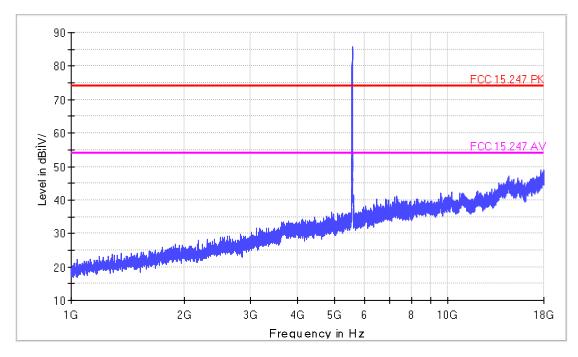
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:23.7° Humidity:52.9

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: July 03

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 131 of 136

1-18G 11a IN THE 5.8GHz BAND CH157

Radiated Emission

EUT Information

EUT Model Name: JTAWB GUN
Operation mode: 11a CH157
Test Voltage: DC 3.75V
Comment:

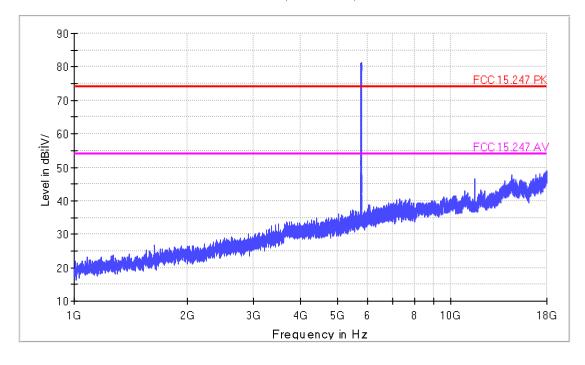
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:23.7° Humidity:52.9

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: July 03

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 132 of 136

EUT Information

EUT Model Name: JTAWB GUN
Operation mode: 11a CH157
Test Voltage: DC 3.75V

Comment:

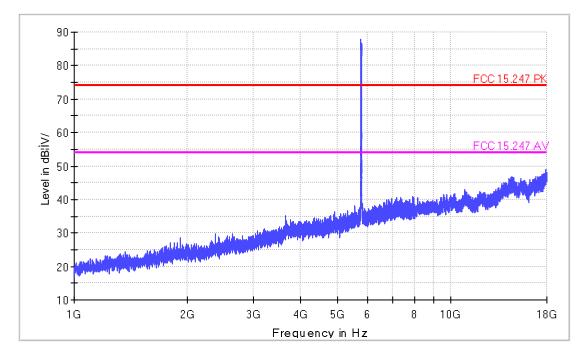
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:23.7° Humidity:52.9

Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: July 03

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 133 of 136

1-18G 11n HT20 IN THE 5.8GHz BAND CH157

Radiated Emission

EUT Information

EUT Model Name: JTAWB GUN
Operation mode: 11n HT20 CH157
Test Voltage: DC 3.75V

Comment:

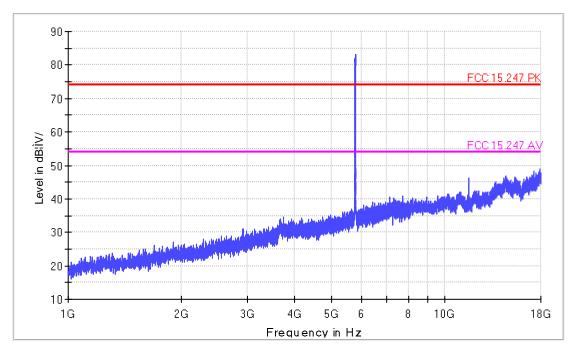
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:23.7° Humidity:52.9

Antenna Polarization: Horizontal Operator Name: Belial.Lee Date: July 03

FCC Electric Field Strength 1-18GHz operate on 5GHz



Report No.:WT178004082 Page 134 of 136

EUT Information

EUT Model Name: JTAWB GUN
Operation mode: 11n HT20 CH157
Test Voltage: DC 3.75V

Comment:

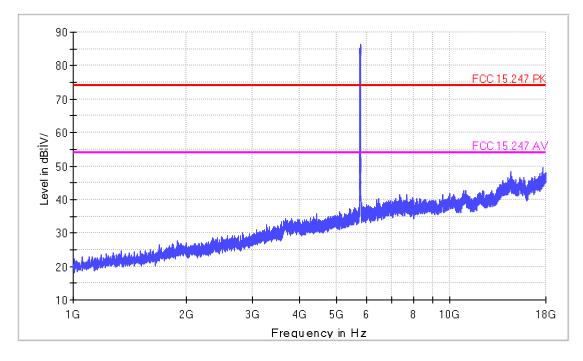
Common Information

Test Site: SMQ EMC Lab.

Environment Temperature:23.7° Humidity:52.9

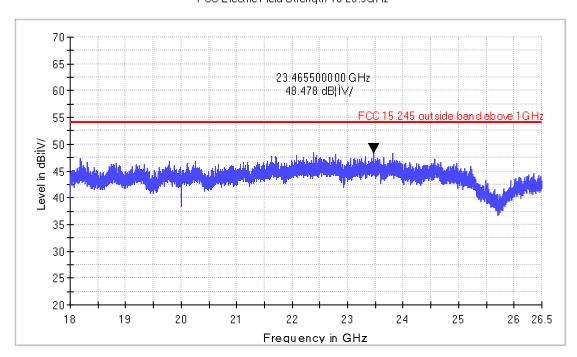
Antenna Polarization: Vertical
Operator Name: Belial.Lee
Date: July 03

FCC Electric Field Strength 1-18GHz operate on 5GHz



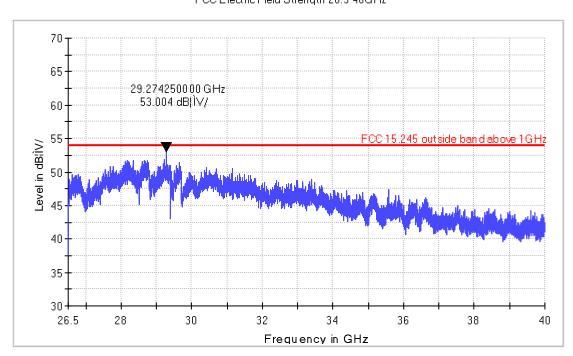
Report No.:WT178004082 Page 135 of 136

18-26.5GHz No Peak found in pre-scan, only worst case result is listed in this report.



FCC Electric Field Strength 18-26.5GHz

26.5-40GHz No Peak found in pre-scan, only worst case result is listed in this report.



FCC Electric Field Strength 26.5-40GHz

Report No.:WT178004082