

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11ac-VHT80 - Ant 0 + 1 + 2	Test Channel	155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7681.0	36.0	14.4	50.4	74.0	-23.6	Peak	Horizontal
	8335.5	35.6	14.8	50.4	74.0	-23.6	Peak	Horizontal
*	8854.0	35.2	15.7	50.9	68.2	-17.3	Peak	Horizontal
*	9848.5	34.8	18.0	52.8	68.2	-15.4	Peak	Horizontal
	7392.0	36.2	14.3	50.5	74.0	-23.5	Peak	Vertical
	8148.5	35.4	15.2	50.6	74.0	-23.4	Peak	Vertical
*	8896.5	35.5	15.6	51.1	68.2	-17.1	Peak	Vertical
*	9848.5	34.8	18.0	52.8	68.2	-15.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

For Antenna Configuration 2# (Antenna = 12dBi)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11a - Ant 0 + 1 + 2	Test Channel	36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7528.0	35.5	14.5	50.0	74.0	-24.0	Peak	Horizontal
	8250.5	35.1	14.9	50.0	74.0	-24.0	Peak	Horizontal
*	8820.0	34.7	15.7	50.4	68.2	-17.8	Peak	Horizontal
*	9916.5	33.9	17.9	51.8	68.2	-16.4	Peak	Horizontal
	7596.0	35.4	14.4	49.8	74.0	-24.2	Peak	Vertical
	8335.5	35.5	14.8	50.3	74.0	-23.7	Peak	Vertical
*	8743.5	34.3	15.6	49.9	68.2	-18.3	Peak	Vertical
*	9806.0	34.2	17.8	52.0	68.2	-16.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11a - Ant 0 + 1 + 2	Test Channel	44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7596.0	36.3	14.4	50.7	74.0	-23.3	Peak	Horizontal
	8157.0	35.9	15.2	51.1	74.0	-22.9	Peak	Horizontal
*	8837.0	35.9	15.6	51.5	68.2	-16.7	Peak	Horizontal
*	9848.5	34.9	18.0	52.9	68.2	-15.3	Peak	Horizontal
	7460.0	34.5	14.4	48.9	74.0	-25.1	Peak	Vertical
	8429.0	35.6	15.0	50.6	74.0	-23.4	Peak	Vertical
*	8871.0	33.6	15.7	49.3	68.2	-18.9	Peak	Vertical
*	9891.0	34.1	18.0	52.1	68.2	-16.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11a - Ant 0 + 1 + 2	Test Channel	48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7426.0	35.2	14.3	49.5	74.0	-24.5	Peak	Horizontal
	8267.5	35.6	14.8	50.4	74.0	-23.6	Peak	Horizontal
*	8556.5	35.2	15.3	50.5	68.2	-17.7	Peak	Horizontal
*	10095.0	34.2	18.0	52.2	68.2	-16.0	Peak	Horizontal
	7511.0	35.0	14.5	49.5	74.0	-24.5	Peak	Vertical
	8318.5	35.3	14.9	50.2	74.0	-23.8	Peak	Vertical
*	8709.5	34.7	15.6	50.3	68.2	-17.9	Peak	Vertical
*	9908.0	34.7	18.0	52.7	68.2	-15.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11a - Ant 0 + 1 + 2	Test Channel	149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7443.0	36.4	14.4	50.8	74.0	-23.2	Peak	Horizontal
	8106.0	37.0	15.3	52.3	74.0	-21.7	Peak	Horizontal
*	8837.0	35.5	15.6	51.1	68.2	-17.1	Peak	Horizontal
*	9933.5	33.7	18.0	51.7	68.2	-16.5	Peak	Horizontal
	7443.0	36.5	14.4	50.9	74.0	-23.1	Peak	Vertical
	8250.5	36.3	14.9	51.2	74.0	-22.8	Peak	Vertical
*	8939.0	35.9	15.6	51.5	68.2	-16.7	Peak	Vertical
*	10375.5	35.0	18.8	53.8	68.2	-14.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11a - Ant 0 + 1 + 2	Test Channel	157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.0	35.9	14.2	50.1	74.0	-23.9	Peak	Horizontal
	8327.0	35.6	14.9	50.5	74.0	-23.5	Peak	Horizontal
*	8769.0	35.7	15.6	51.3	68.2	-16.9	Peak	Horizontal
*	9695.5	35.0	17.3	52.3	68.2	-15.9	Peak	Horizontal
	7630.0	36.8	14.3	51.1	74.0	-22.9	Peak	Vertical
	8174.0	35.8	15.1	50.9	74.0	-23.1	Peak	Vertical
*	8709.5	35.7	15.6	51.3	68.2	-16.9	Peak	Vertical
*	9891.0	35.2	18.0	53.2	68.2	-15.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11a - Ant 0 + 1 + 2	Test Channel	165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7672.5	36.0	14.4	50.4	74.0	-23.6	Peak	Horizontal
	8072.0	35.6	15.4	51.0	74.0	-23.0	Peak	Horizontal
*	8692.5	35.8	15.6	51.4	68.2	-16.8	Peak	Horizontal
*	9874.0	34.7	18.0	52.7	68.2	-15.5	Peak	Horizontal
	7443.0	36.3	14.4	50.7	74.0	-23.3	Peak	Vertical
	8352.5	36.5	14.8	51.3	74.0	-22.7	Peak	Vertical
*	8905.0	35.8	15.6	51.4	68.2	-16.8	Peak	Vertical
*	9874.0	34.7	18.0	52.7	68.2	-15.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2	Test Channel	36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7545.0	35.3	14.5	49.8	74.0	-24.2	Peak	Horizontal
	8157.0	35.9	15.2	51.1	74.0	-22.9	Peak	Horizontal
*	8650.0	35.4	15.5	50.9	68.2	-17.3	Peak	Horizontal
*	10010.0	33.8	18.0	51.8	68.2	-16.4	Peak	Horizontal
	7630.0	35.9	14.3	50.2	74.0	-23.8	Peak	Vertical
	8157.0	35.9	15.2	51.1	74.0	-22.9	Peak	Vertical
*	8752.0	33.9	15.6	49.5	68.2	-18.7	Peak	Vertical
*	9857.0	33.7	17.9	51.6	68.2	-16.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2	Test Channel	44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	35.5	14.4	49.9	74.0	-24.1	Peak	Horizontal
	8276.0	35.1	14.8	49.9	74.0	-24.1	Peak	Horizontal
*	8896.5	35.9	15.6	51.5	68.2	-16.7	Peak	Horizontal
*	9916.5	33.7	17.9	51.6	68.2	-16.6	Peak	Horizontal
	7638.5	35.3	14.3	49.6	74.0	-24.4	Peak	Vertical
	8182.5	35.9	15.1	51.0	74.0	-23.0	Peak	Vertical
*	8837.0	34.5	15.6	50.1	68.2	-18.1	Peak	Vertical
*	9848.5	34.4	18.0	52.4	68.2	-15.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2	Test Channel	48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7417.5	34.9	14.3	49.2	74.0	-24.8	Peak	Horizontal
	8420.5	35.1	14.9	50.0	74.0	-24.0	Peak	Horizontal
*	8641.5	34.9	15.5	50.4	68.2	-17.8	Peak	Horizontal
*	9670.0	34.7	17.3	52.0	68.2	-16.2	Peak	Horizontal
	7417.5	34.9	14.3	49.2	74.0	-24.8	Peak	Vertical
	8165.5	34.8	15.1	49.9	74.0	-24.1	Peak	Vertical
*	8641.5	35.3	15.5	50.8	68.2	-17.4	Peak	Vertical
*	9670.0	34.7	17.3	52.0	68.2	-16.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2	Test Channel	149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	35.7	14.4	50.1	74.0	-23.9	Peak	Horizontal
	8174.0	36.1	15.1	51.2	74.0	-22.8	Peak	Horizontal
*	8641.5	36.0	15.5	51.5	68.2	-16.7	Peak	Horizontal
*	9891.0	34.8	18.0	52.8	68.2	-15.4	Peak	Horizontal
	7579.0	36.1	14.4	50.5	74.0	-23.5	Peak	Vertical
	8174.0	36.1	15.1	51.2	74.0	-22.8	Peak	Vertical
*	8862.5	36.0	15.7	51.7	68.2	-16.5	Peak	Vertical
*	9942.0	35.2	18.0	53.2	68.2	-15.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2	Test Channel	157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7494.0	35.4	14.5	49.9	74.0	-24.1	Peak	Horizontal
	8123.0	35.5	15.3	50.8	74.0	-23.2	Peak	Horizontal
*	8624.5	36.0	15.4	51.4	68.2	-16.8	Peak	Horizontal
*	9908.0	34.7	18.0	52.7	68.2	-15.5	Peak	Horizontal
	7400.5	35.6	14.3	49.9	74.0	-24.1	Peak	Vertical
	8106.0	35.9	15.3	51.2	74.0	-22.8	Peak	Vertical
*	8718.0	35.8	15.6	51.4	68.2	-16.8	Peak	Vertical
*	9874.0	34.2	18.0	52.2	68.2	-16.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2	Test Channel	165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	35.9	14.5	50.4	74.0	-23.6	Peak	Horizontal
	8301.5	36.0	14.9	50.9	74.0	-23.1	Peak	Horizontal
*	8896.5	36.0	15.6	51.6	68.2	-16.6	Peak	Horizontal
*	9942.0	34.3	18.0	52.3	68.2	-15.9	Peak	Horizontal
	7511.0	35.1	14.5	49.6	74.0	-24.4	Peak	Vertical
	8463.0	36.3	14.9	51.2	74.0	-22.8	Peak	Vertical
*	8828.5	34.9	15.6	50.5	68.2	-17.7	Peak	Vertical
*	9857.0	34.7	17.9	52.6	68.2	-15.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2	Test Channel	38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7647.0	34.8	14.3	49.1	74.0	-24.9	Peak	Horizontal
	8327.0	35.4	14.9	50.3	74.0	-23.7	Peak	Horizontal
*	8930.5	34.2	15.6	49.8	68.2	-18.4	Peak	Horizontal
*	9772.0	34.9	17.7	52.6	68.2	-15.6	Peak	Horizontal
	7613.0	35.6	14.4	50.0	74.0	-24.0	Peak	Vertical
	8123.0	35.4	15.3	50.7	74.0	-23.3	Peak	Vertical
*	8820.0	34.1	15.7	49.8	68.2	-18.4	Peak	Vertical
*	9925.0	34.0	17.9	51.9	68.2	-16.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2	Test Channel	46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7681.0	35.2	14.4	49.6	74.0	-24.4	Peak	Horizontal
	8225.0	34.3	15.0	49.3	74.0	-24.7	Peak	Horizontal
*	8718.0	34.2	15.6	49.8	68.2	-18.4	Peak	Horizontal
*	9899.5	34.4	18.0	52.4	68.2	-15.8	Peak	Horizontal
	7638.5	36.2	14.3	50.5	74.0	-23.5	Peak	Vertical
	8208.0	35.6	15.1	50.7	74.0	-23.3	Peak	Vertical
*	8879.5	35.8	15.6	51.4	68.2	-16.8	Peak	Vertical
*	10350.0	34.2	18.7	52.9	68.2	-15.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2	Test Channel	151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7494.0	35.4	14.5	49.9	74.0	-24.1	Peak	Horizontal
	8148.5	35.9	15.2	51.1	74.0	-22.9	Peak	Horizontal
*	8862.5	36.0	15.7	51.7	68.2	-16.5	Peak	Horizontal
*	10231.0	34.2	18.5	52.7	68.2	-15.5	Peak	Horizontal
	7570.5	35.9	14.4	50.3	74.0	-23.7	Peak	Vertical
	8148.5	35.9	15.2	51.1	74.0	-22.9	Peak	Vertical
*	8862.5	36.0	15.7	51.7	68.2	-16.5	Peak	Vertical
*	10231.0	34.2	18.5	52.7	68.2	-15.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2	Test Channel	159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	35.8	14.4	50.2	74.0	-23.8	Peak	Horizontal
	8259.0	36.0	14.9	50.9	74.0	-23.1	Peak	Horizontal
*	8879.5	35.1	15.6	50.7	68.2	-17.5	Peak	Horizontal
*	10035.5	35.4	18.0	53.4	68.2	-14.8	Peak	Horizontal
	7587.5	36.0	14.4	50.4	74.0	-23.6	Peak	Vertical
	8378.0	36.2	15.0	51.2	74.0	-22.8	Peak	Vertical
*	8709.5	33.6	15.6	49.2	68.2	-19.0	Peak	Vertical
*	10367.0	35.1	18.8	53.9	68.2	-14.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11ac-VHT20 - Ant 0 + 1 + 2	Test Channel	36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	35.6	14.4	50.0	74.0	-24.0	Peak	Horizontal
	8250.5	35.4	14.9	50.3	74.0	-23.7	Peak	Horizontal
*	8786.0	34.7	15.6	50.3	68.2	-17.9	Peak	Horizontal
*	9950.5	33.5	18.0	51.5	68.2	-16.7	Peak	Horizontal
	7434.5	35.3	14.4	49.7	74.0	-24.3	Peak	Vertical
	8199.5	34.8	15.1	49.9	74.0	-24.1	Peak	Vertical
*	8837.0	34.6	15.6	50.2	68.2	-18.0	Peak	Vertical
*	9721.0	34.6	17.4	52.0	68.2	-16.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11ac-VHT20 - Ant 0 + 1 + 2	Test Channel	44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7519.5	35.6	14.5	50.1	74.0	-23.9	Peak	Horizontal
	8182.5	35.3	15.1	50.4	74.0	-23.6	Peak	Horizontal
*	8641.5	35.3	15.5	50.8	68.2	-17.4	Peak	Horizontal
*	9712.5	34.6	17.3	51.9	68.2	-16.3	Peak	Horizontal
	7434.5	36.1	14.4	50.5	74.0	-23.5	Peak	Vertical
	8327.0	35.1	14.9	50.0	74.0	-24.0	Peak	Vertical
*	8862.5	35.0	15.7	50.7	68.2	-17.5	Peak	Vertical
*	9721.0	35.0	17.4	52.4	68.2	-15.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11ac-VHT20 - Ant 0 + 1 + 2	Test Channel	48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	35.1	14.4	49.5	74.0	-24.5	Peak	Horizontal
	8233.5	34.3	15.0	49.3	74.0	-24.7	Peak	Horizontal
*	8684.0	34.1	15.5	49.6	68.2	-18.6	Peak	Horizontal
*	9831.5	33.7	17.9	51.6	68.2	-16.6	Peak	Horizontal
	7468.5	35.0	14.4	49.4	74.0	-24.6	Peak	Vertical
	8123.0	35.2	15.3	50.5	74.0	-23.5	Peak	Vertical
*	8811.5	35.0	15.7	50.7	68.2	-17.5	Peak	Vertical
*	9993.0	34.3	18.0	52.3	68.2	-15.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11ac-VHT20 - Ant 0 + 1 + 2	Test Channel	149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	35.9	14.5	50.4	74.0	-23.6	Peak	Horizontal
	8344.0	35.5	14.7	50.2	74.0	-23.8	Peak	Horizontal
*	8854.0	35.5	15.7	51.2	68.2	-17.0	Peak	Horizontal
*	9874.0	34.9	18.0	52.9	68.2	-15.3	Peak	Horizontal
	7400.5	35.4	14.3	49.7	74.0	-24.3	Peak	Vertical
	8216.5	35.5	15.0	50.5	74.0	-23.5	Peak	Vertical
*	8633.0	35.1	15.5	50.6	68.2	-17.6	Peak	Vertical
*	9950.5	34.5	18.0	52.5	68.2	-15.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11ac-VHT20 - Ant 0 + 1 + 2	Test Channel	157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	36.4	14.4	50.8	74.0	-23.2	Peak	Horizontal
	8250.5	33.6	14.9	48.5	74.0	-25.5	Peak	Horizontal
*	8701.0	35.5	15.6	51.1	68.2	-17.1	Peak	Horizontal
*	9933.5	34.3	18.0	52.3	68.2	-15.9	Peak	Horizontal
	7664.0	36.6	14.4	51.0	74.0	-23.0	Peak	Vertical
	8250.5	35.5	14.9	50.4	74.0	-23.6	Peak	Vertical
*	8650.0	35.0	15.5	50.5	68.2	-17.7	Peak	Vertical
*	9874.0	35.8	18.0	53.8	68.2	-14.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11ac-VHT20 - Ant 0 + 1 + 2	Test Channel	165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7613.0	35.9	14.4	50.3	74.0	-23.7	Peak	Horizontal
	8157.0	35.8	15.2	51.0	74.0	-23.0	Peak	Horizontal
*	8871.0	34.8	15.7	50.5	68.2	-17.7	Peak	Horizontal
*	9848.5	34.1	18.0	52.1	68.2	-16.1	Peak	Horizontal
	7655.5	36.4	14.4	50.8	74.0	-23.2	Peak	Vertical
	8140.0	35.9	15.2	51.1	74.0	-22.9	Peak	Vertical
*	8735.0	35.8	15.5	51.3	68.2	-16.9	Peak	Vertical
*	10435.0	34.8	18.8	53.6	68.2	-14.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11ac-VHT40 - Ant 0 + 1 + 2	Test Channel	38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7621.5	35.4	14.4	49.8	74.0	-24.2	Peak	Horizontal
	8208.0	34.6	15.1	49.7	74.0	-24.3	Peak	Horizontal
*	8828.5	35.5	15.6	51.1	68.2	-17.1	Peak	Horizontal
*	10154.5	33.9	18.2	52.1	68.2	-16.1	Peak	Horizontal
	7613.0	35.1	14.4	49.5	74.0	-24.5	Peak	Vertical
	8182.5	35.7	15.1	50.8	74.0	-23.2	Peak	Vertical
*	8939.0	34.8	15.6	50.4	68.2	-17.8	Peak	Vertical
*	9942.0	33.1	18.0	51.1	68.2	-17.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11ac-VHT40 - Ant 0 + 1 + 2	Test Channel	46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7740.5	34.9	14.5	49.4	74.0	-24.6	7740.5	Horizontal
	8208.0	35.2	15.1	50.3	74.0	-23.7	8208.0	Horizontal
*	8709.5	35.2	15.6	50.8	68.2	-17.4	8709.5	Horizontal
*	9916.5	33.8	17.9	51.7	68.2	-16.5	9916.5	Horizontal
	7434.5	35.3	14.4	49.7	74.0	-24.3	7434.5	Vertical
	8216.5	35.0	15.0	50.0	74.0	-24.0	8216.5	Vertical
*	8650.0	34.6	15.5	50.1	68.2	-18.1	8650.0	Vertical
*	9942.0	34.2	18.0	52.2	68.2	-16.0	9942.0	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11ac-VHT40 - Ant 0 + 1 + 2	Test Channel	151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7383.5	36.2	14.2	50.4	74.0	-23.6	Peak	Horizontal
	8216.5	35.5	15.0	50.5	74.0	-23.5	Peak	Horizontal
*	8718.0	35.0	15.6	50.6	68.2	-17.6	Peak	Horizontal
*	10163.0	34.8	18.4	53.2	68.2	-15.0	Peak	Horizontal
	7536.5	36.1	14.5	50.6	74.0	-23.4	Peak	Vertical
	8191.0	35.5	15.1	50.6	74.0	-23.4	Peak	Vertical
*	8769.0	36.1	15.6	51.7	68.2	-16.5	Peak	Vertical
*	9840.0	34.3	18.0	52.3	68.2	-15.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11ac-VHT40 - Ant 0 + 1 + 2	Test Channel	159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7417.5	36.1	14.3	50.4	74.0	-23.6	Peak	Horizontal
	8191.0	35.9	15.1	51.0	74.0	-23.0	Peak	Horizontal
*	8837.0	34.2	15.6	49.8	68.2	-18.4	Peak	Horizontal
*	9644.5	35.1	17.3	52.4	68.2	-15.8	Peak	Horizontal
	7528.0	35.6	14.5	50.1	74.0	-23.9	Peak	Vertical
	8131.5	35.6	15.2	50.8	74.0	-23.2	Peak	Vertical
*	8811.5	35.7	15.7	51.4	68.2	-16.8	Peak	Vertical
*	9780.5	34.4	17.8	52.2	68.2	-16.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11ac-VHT80 - Ant 0 + 1 + 2	Test Channel	42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7562.0	34.8	14.5	49.3	74.0	-24.7	Peak	Horizontal
	8318.5	34.6	14.9	49.5	74.0	-24.5	Peak	Horizontal
*	8641.5	35.4	15.5	50.9	68.2	-17.3	Peak	Horizontal
*	9670.0	35.3	17.3	52.6	68.2	-15.6	Peak	Horizontal
	7451.5	36.7	14.4	51.1	74.0	-22.9	Peak	Vertical
	8131.5	36.7	15.2	51.9	74.0	-22.1	Peak	Vertical
*	8811.5	36.3	15.7	52.0	68.2	-16.2	Peak	Vertical
*	10341.5	35.8	18.7	54.5	68.2	-13.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Icomera TraXside solution	Temperature	26°C
Test Engineer	Jason Gao	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/08/03
Test Mode	802.11ac-VHT80 - Ant 0 + 1 + 2	Test Channel	155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	36.6	14.4	51.0	74.0	-23.0	Peak	Horizontal
	8199.5	36.8	15.1	51.9	74.0	-22.1	Peak	Horizontal
*	8837.0	35.0	15.6	50.6	68.2	-17.6	Peak	Horizontal
*	10324.5	34.7	18.6	53.3	68.2	-14.9	Peak	Horizontal
	7400.5	35.5	14.3	49.8	74.0	-24.2	Peak	Vertical
	8191.0	35.9	15.1	51.0	74.0	-23.0	Peak	Vertical
*	8854.0	35.0	15.7	50.7	68.2	-17.5	Peak	Vertical
*	10248.0	34.9	18.4	53.3	68.2	-14.9	Peak	Vertical

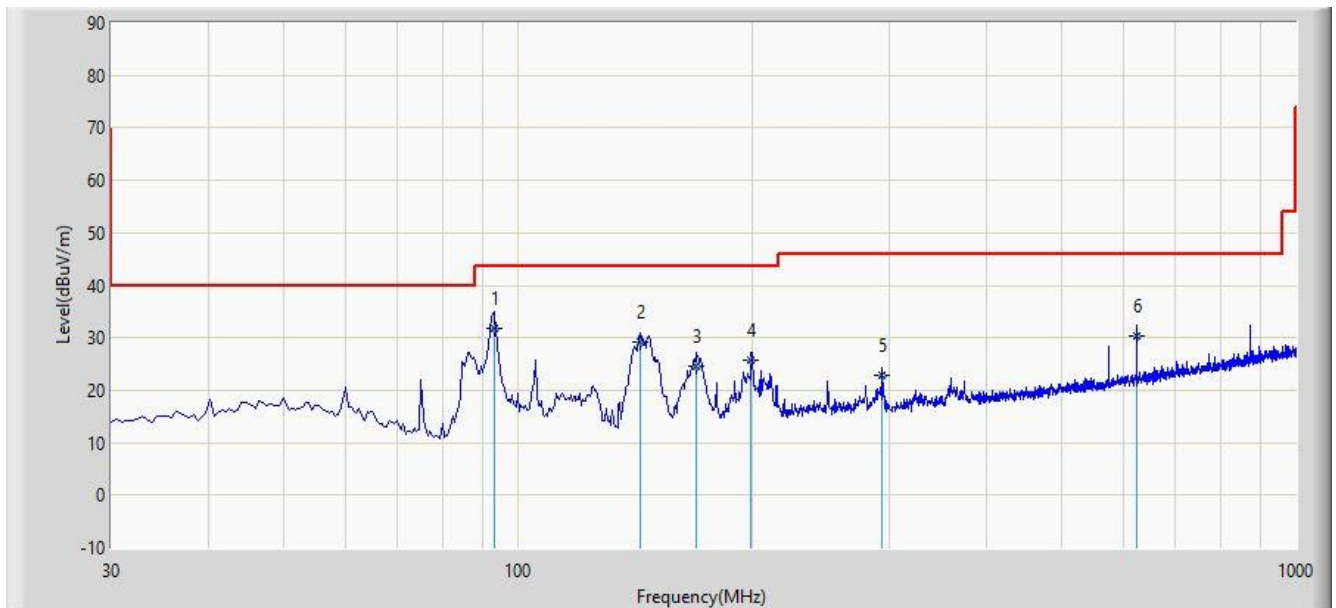
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

The Worst Case of Radiated Emission below 1GHz:

Site: AC2	Time: 2019/07/18 - 03:32
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dillon Diao
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz	



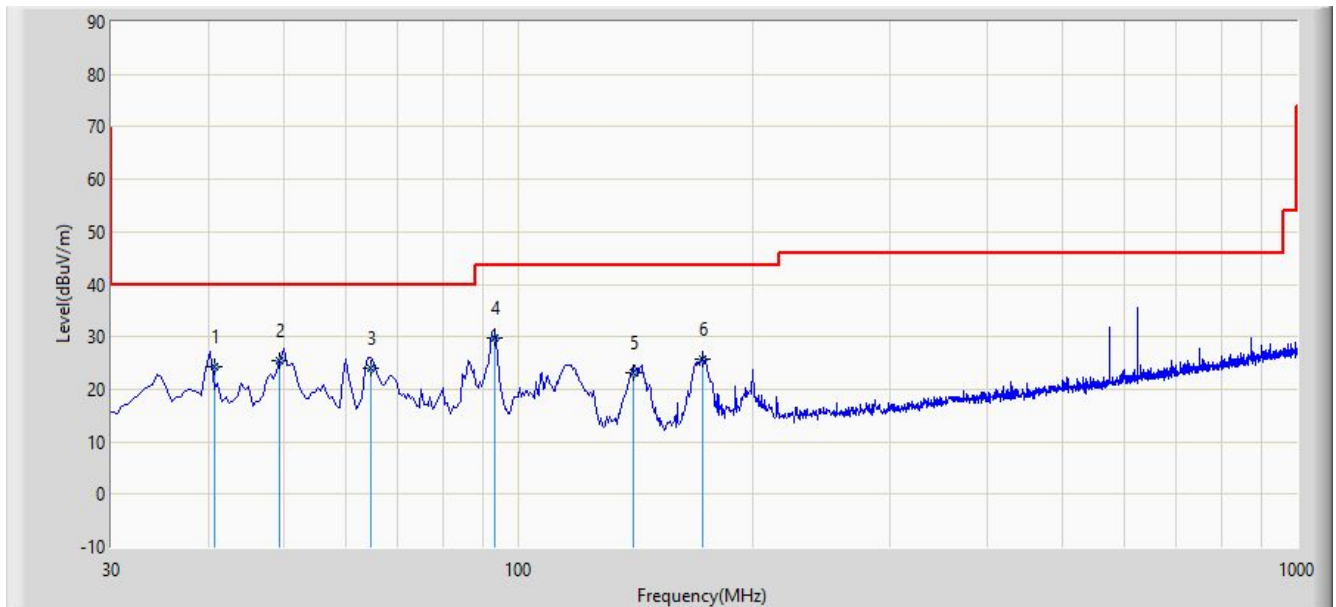
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	93.052	31.718	19.847	-11.782	43.500	11.871	QP
2		143.490	29.136	19.847	-14.364	43.500	9.289	QP
3		169.685	24.632	14.554	-18.868	43.500	10.078	QP
4		199.251	25.620	13.554	-17.880	43.500	12.066	QP
5		293.842	22.737	8.544	-23.263	46.000	14.194	QP
6		625.325	30.228	10.262	-15.772	46.000	19.966	QP

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

Site: AC2	Time: 2019/07/18 - 03:45
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dillon Diao
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		40.625	24.265	10.363	-15.735	40.000	13.902	QP
2		49.250	25.364	10.510	-14.636	40.000	14.854	QP
3		64.625	24.125	11.562	-15.875	40.000	12.563	QP
4	*	93.325	29.783	17.844	-13.717	43.500	11.939	QP
5		140.530	23.073	13.745	-20.427	43.500	9.328	QP
6		172.326	25.830	15.625	-17.670	43.500	10.205	QP

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

7.8. Radiated Restricted Band Edge Measurement

7.8.1. Test Limit

For 15.205 Requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	WL01 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)
13.36 - 13.41	--	--	--

For 15.407(b) Requirement:

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27dBm/MHz.

Refer to ANSI C63.10 Section 12.7.3 c), as specified in § 15.407(b), emissions above 1000 MHz that

are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz)	Field Strength (μ V/m)	Measured Distance (m)
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.8.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

7.8.3.Test Setting

Peak Measurements above 1GHz

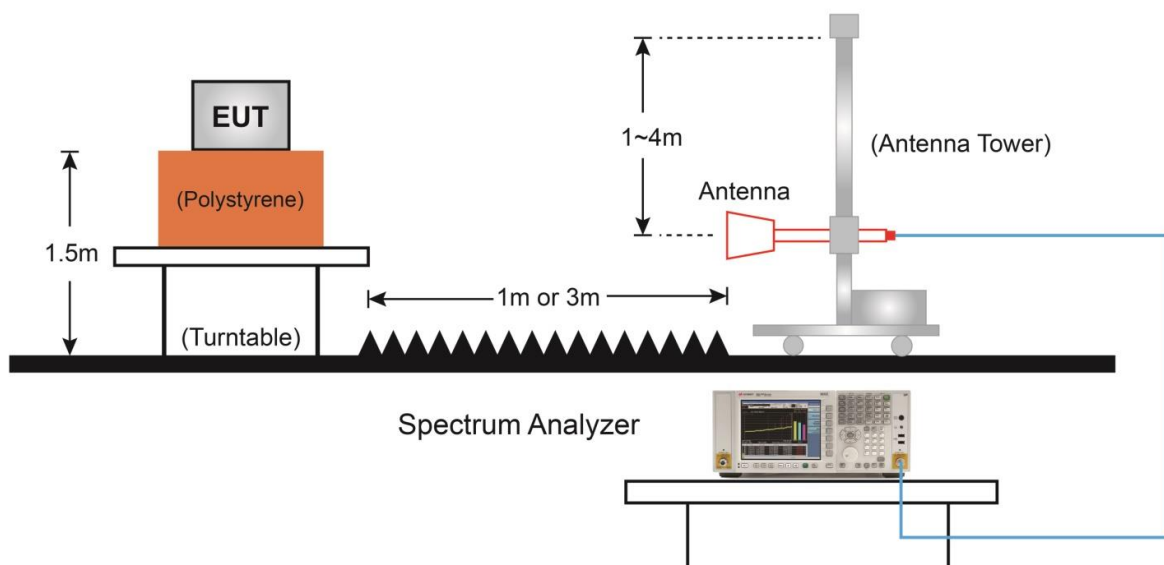
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = Peak

5. Sweep time = Auto couple
6. Trace mode = Max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10Hz
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration
4. Detector = Peak
5. Sweep time = Auto
6. Trace mode = Max hold
7. Trace was allowed to stabilize

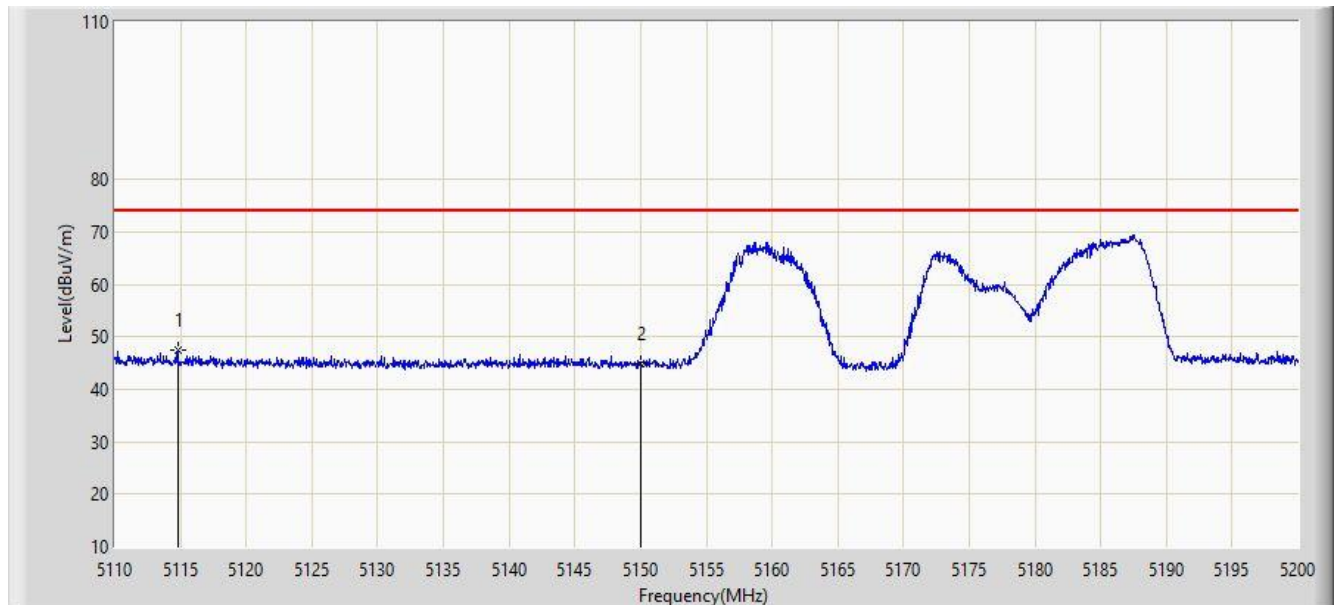
7.8.4.Test Setup



7.8.5.Test Result

For Antenna Configuration 1# (Antenna = 23dBi)

Site: AC1	Time: 2019/08/06 - 01:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11a at channel 5180MHz	



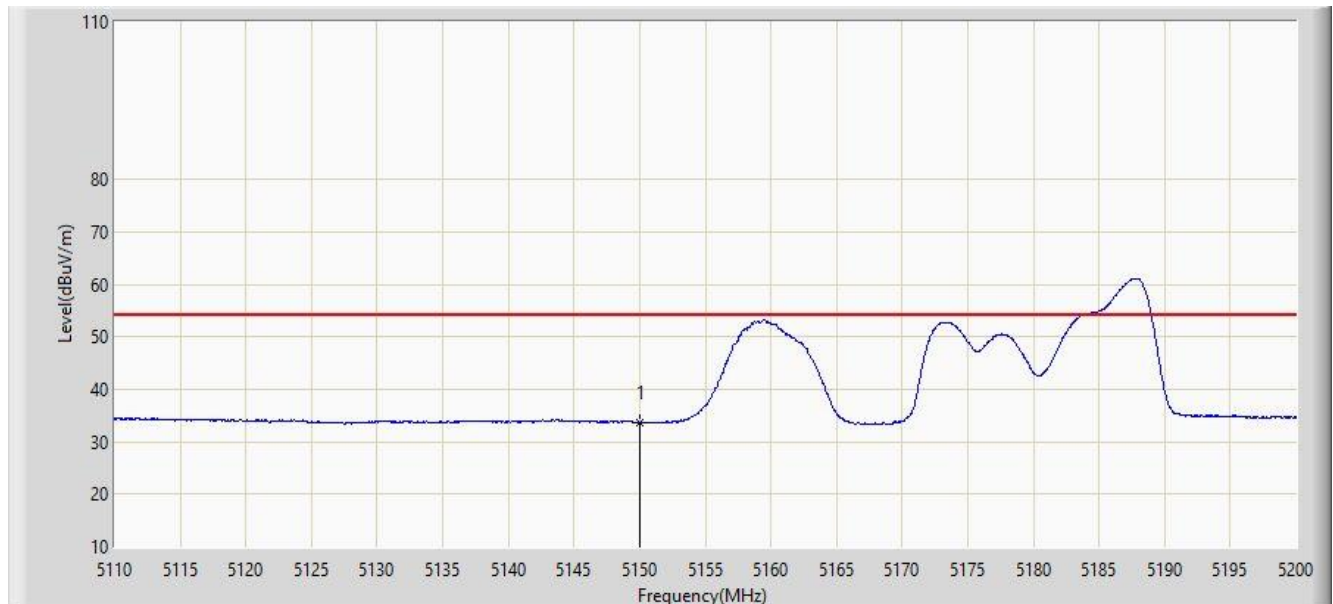
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5114.815	47.475	40.997	-26.525	74.000	6.478	PK
2		5150.000	44.745	38.348	-29.255	74.000	6.398	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 01:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11a at channel 5180MHz	



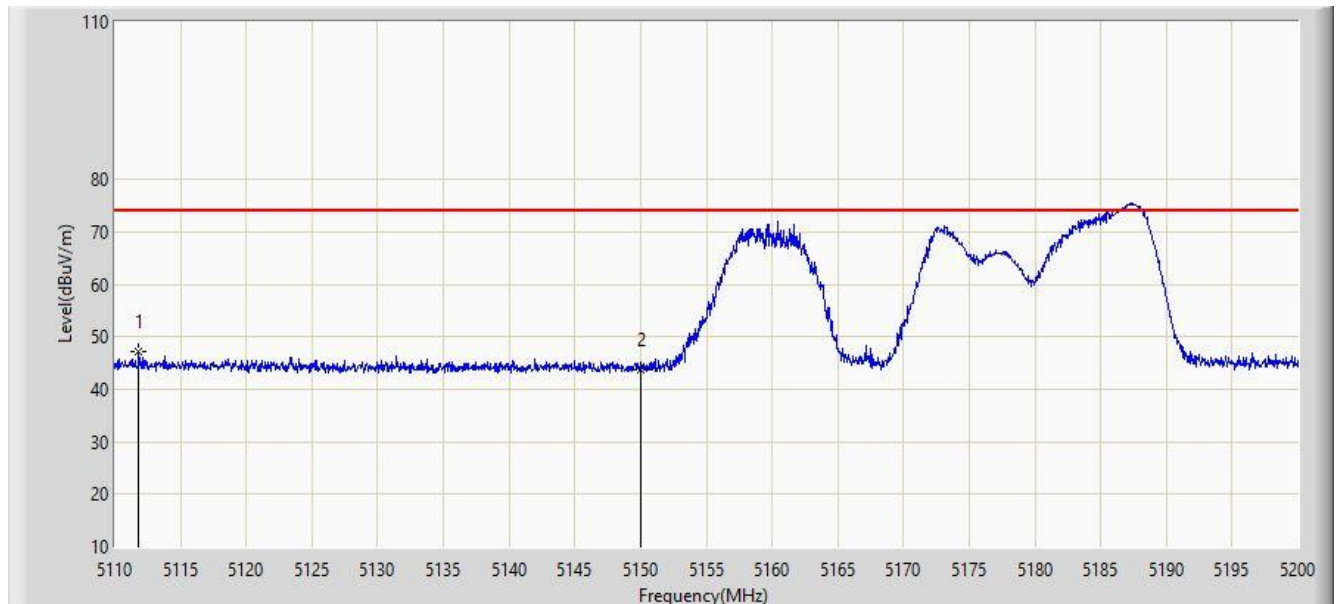
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	33.649	27.252	-20.351	54.000	6.398	AV

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 02:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11a at channel 5180MHz	



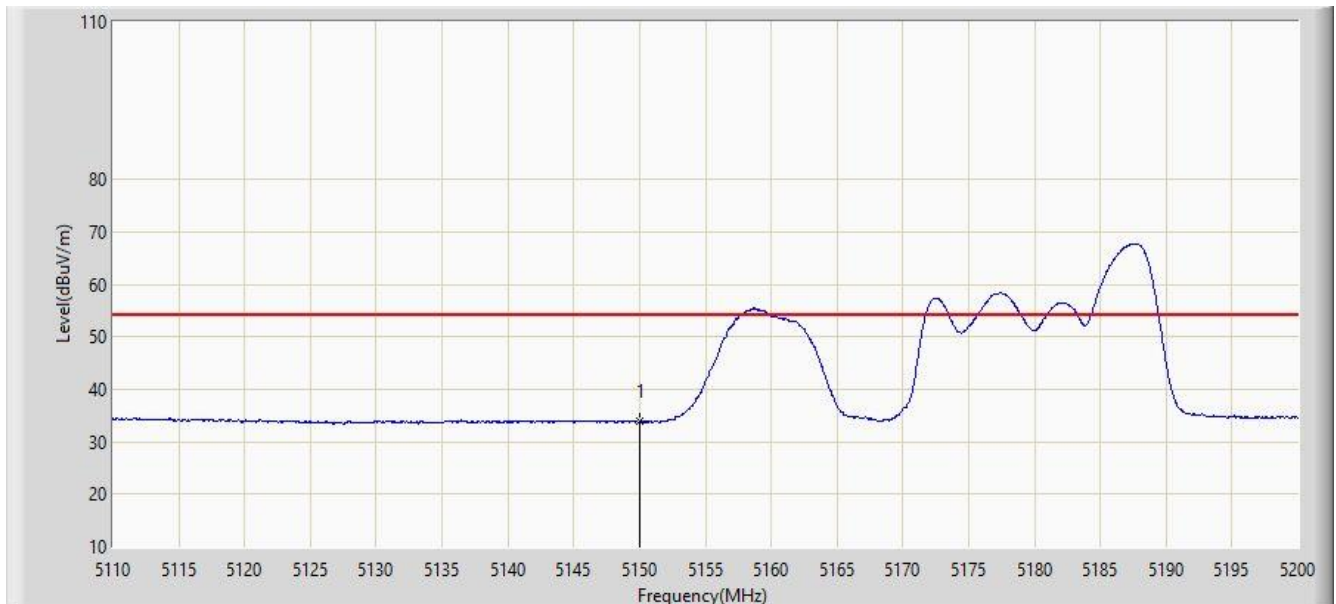
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5111.845	47.142	40.684	-26.858	74.000	6.459	PK
2		5150.000	43.651	37.254	-30.349	74.000	6.398	PK

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 02:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11a at channel 5180MHz	



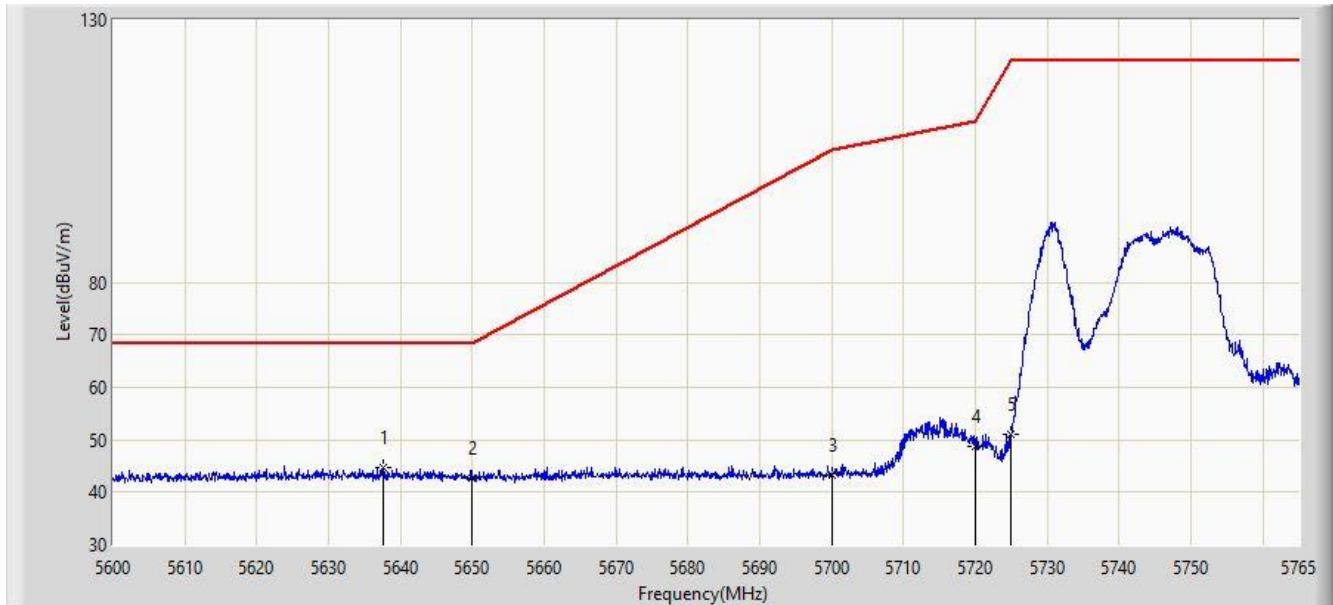
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	33.849	27.452	-20.151	54.000	6.398	AV

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 06:23
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11a at channel 5745MHz	



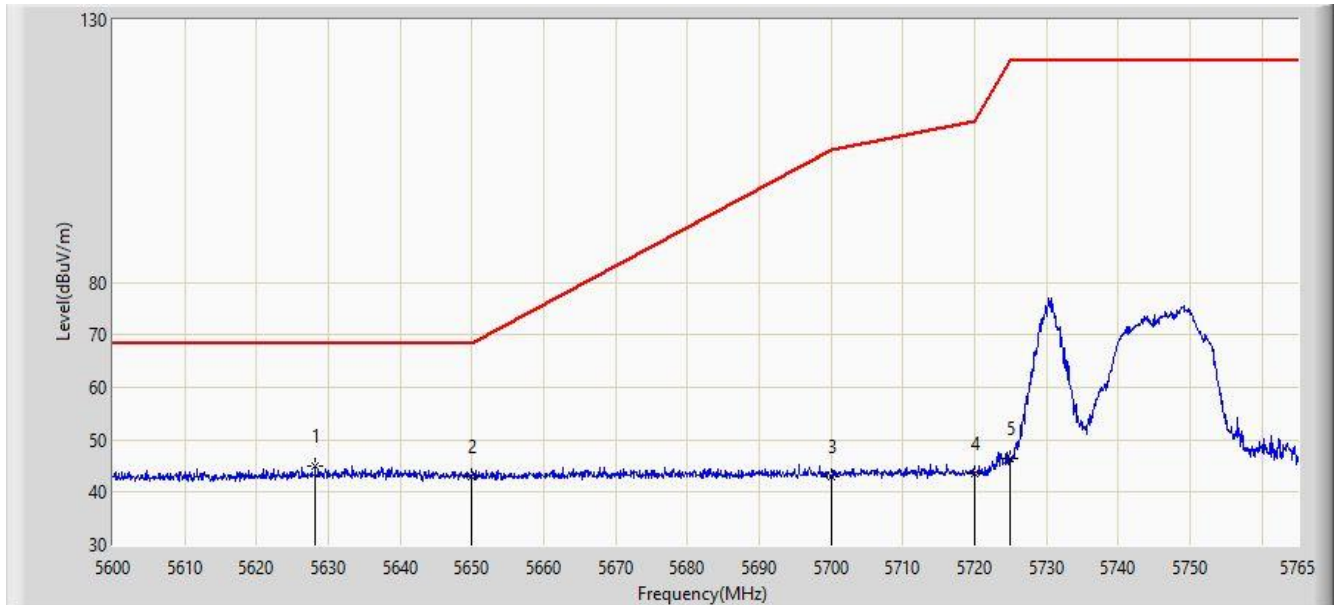
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5637.620	44.726	37.916	-23.474	68.200	6.811	PK
2		5650.000	42.640	35.847	-25.560	68.200	6.793	PK
3		5700.000	43.279	36.370	-61.921	105.200	6.909	PK
4		5720.000	48.841	41.937	-61.959	110.800	6.904	PK
5		5725.000	50.926	44.059	-71.274	122.200	6.867	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 02:21
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11a at channel 5745MHz	



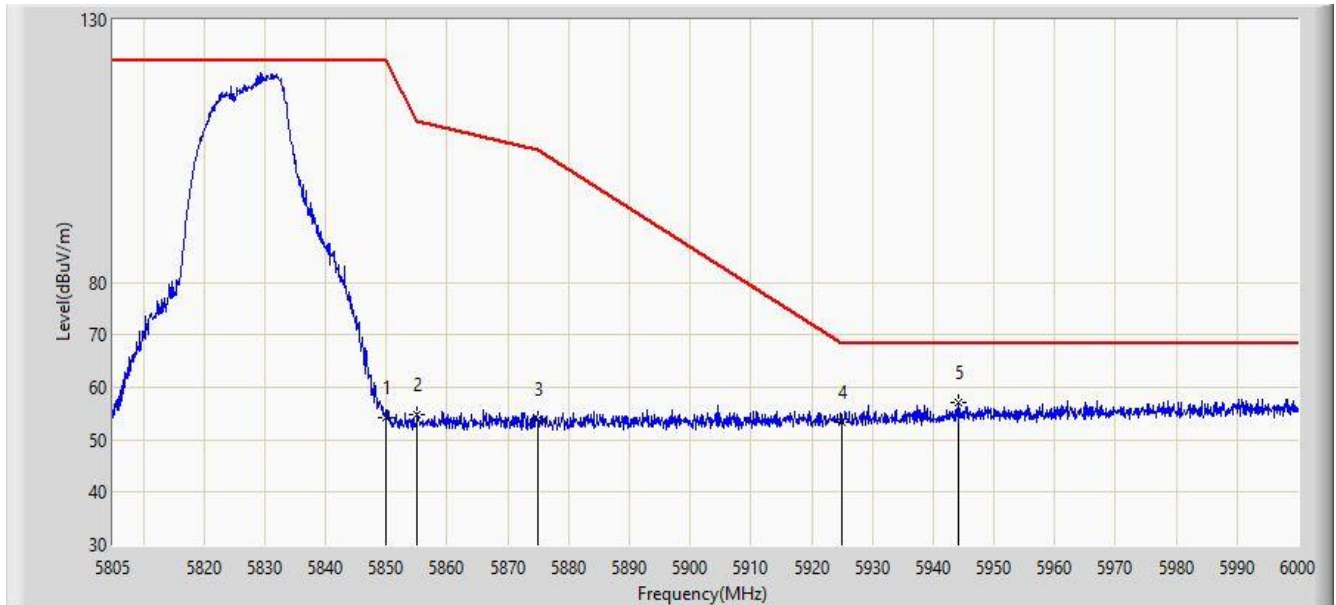
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5628.132	44.866	38.117	-23.334	68.200	6.749	PK
2		5650.000	42.987	36.194	-25.213	68.200	6.793	PK
3		5700.000	43.100	36.191	-62.100	105.200	6.909	PK
4		5720.000	43.610	36.706	-67.190	110.800	6.904	PK
5		5725.000	46.318	39.451	-75.882	122.200	6.867	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 02:30
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11a at channel 5825MHz	



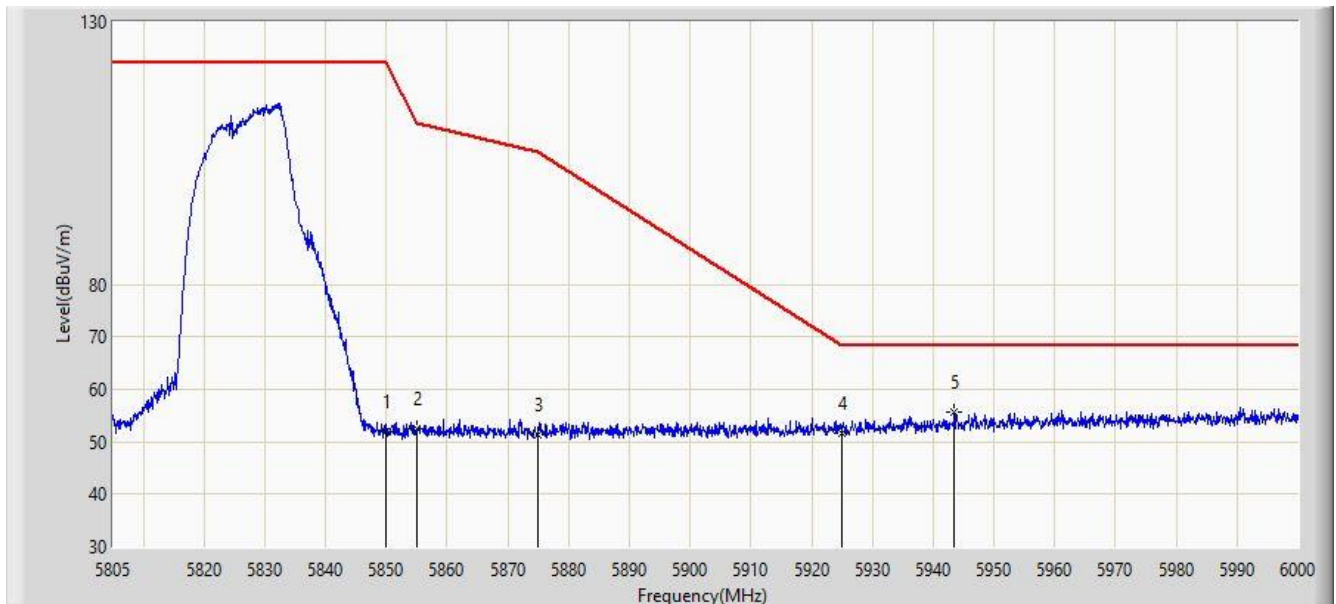
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5850.000	54.272	46.942	-67.928	122.200	7.331	PK
2		5855.000	54.869	47.541	-55.931	110.800	7.327	PK
3		5875.000	54.001	46.587	-51.199	105.200	7.414	PK
4		5925.000	53.437	46.137	-14.763	68.200	7.299	PK
5	*	5944.230	56.981	49.508	-11.219	68.200	7.472	PK

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 02:35
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11a at channel 5825MHz	



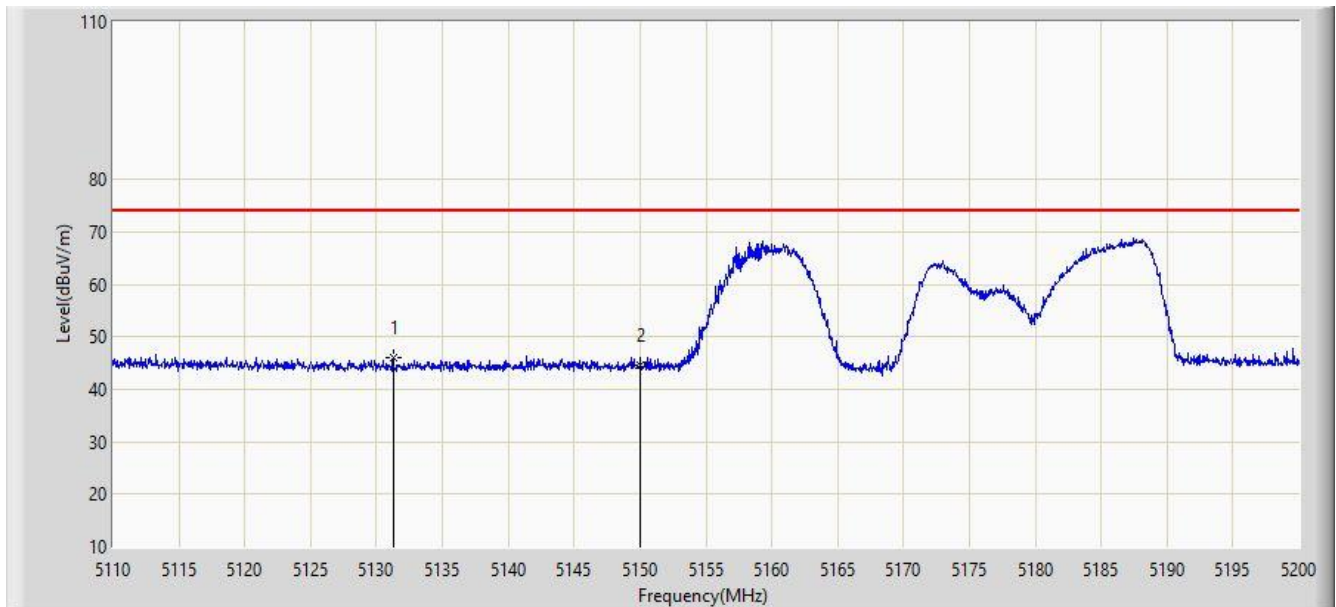
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5850.000	51.789	44.459	-70.411	122.200	7.331	PK
2		5855.000	52.399	45.071	-58.401	110.800	7.327	PK
3		5875.000	51.299	43.885	-53.901	105.200	7.414	PK
4		5925.000	51.654	44.354	-16.546	68.200	7.299	PK
5	*	5943.450	55.555	48.092	-12.645	68.200	7.464	PK

Note 1: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 02:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz	



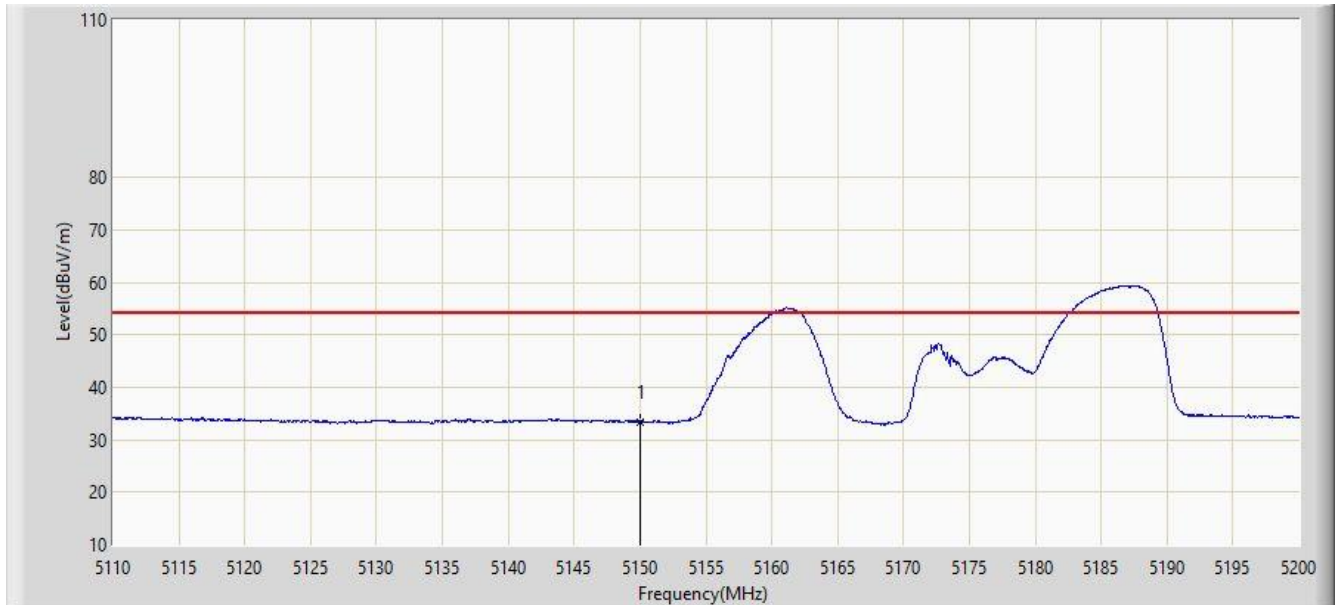
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5131.285	46.019	39.380	-27.981	74.000	6.639	PK
2		5150.000	44.673	38.276	-29.327	74.000	6.398	PK

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 02:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz	



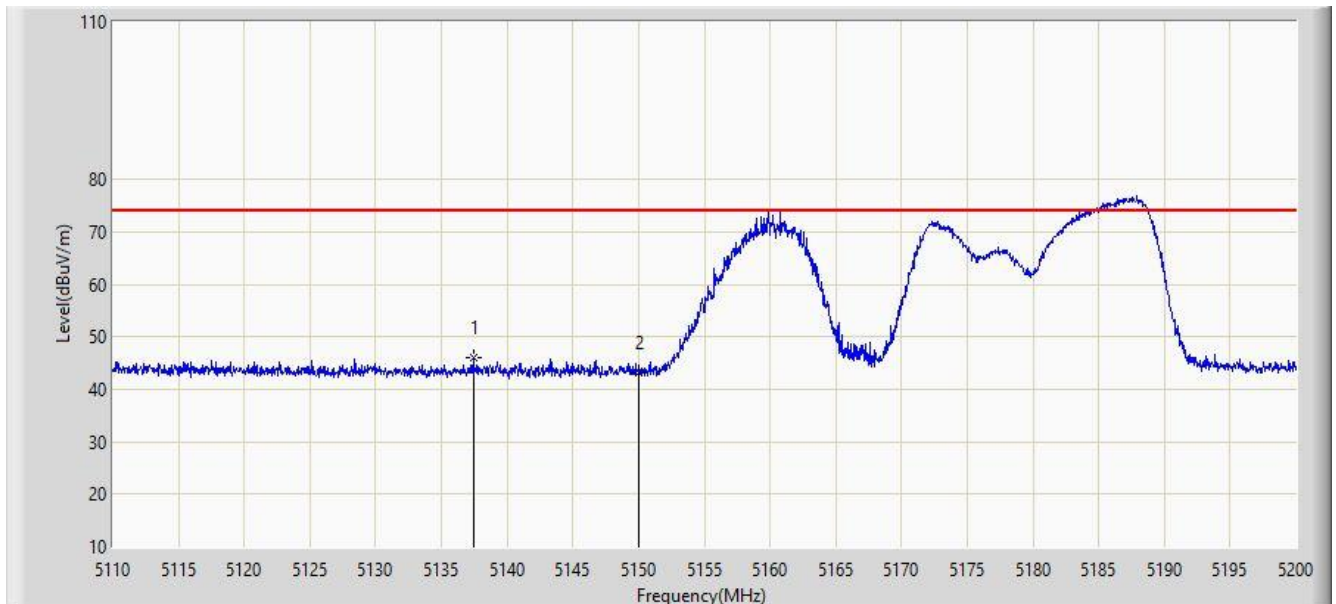
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	33.484	27.087	-20.516	54.000	6.398	AV

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 02:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz	



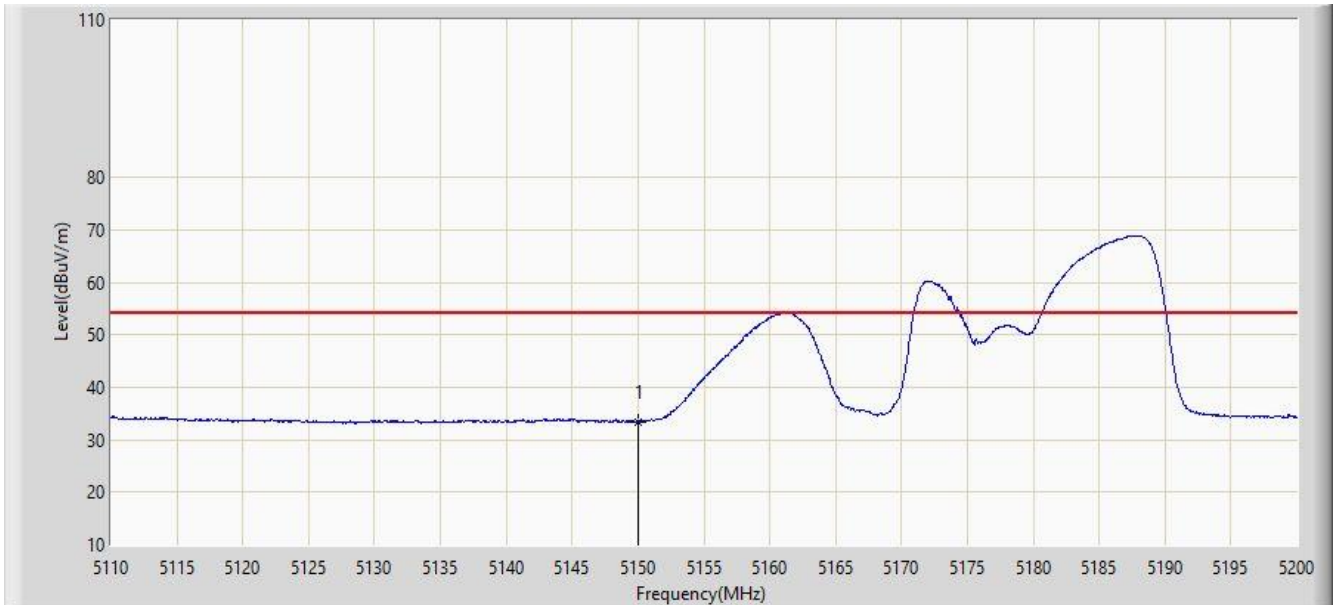
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5137.405	46.092	39.542	-27.908	74.000	6.550	PK
2		5150.000	43.258	36.861	-30.742	74.000	6.398	PK

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 02:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz	



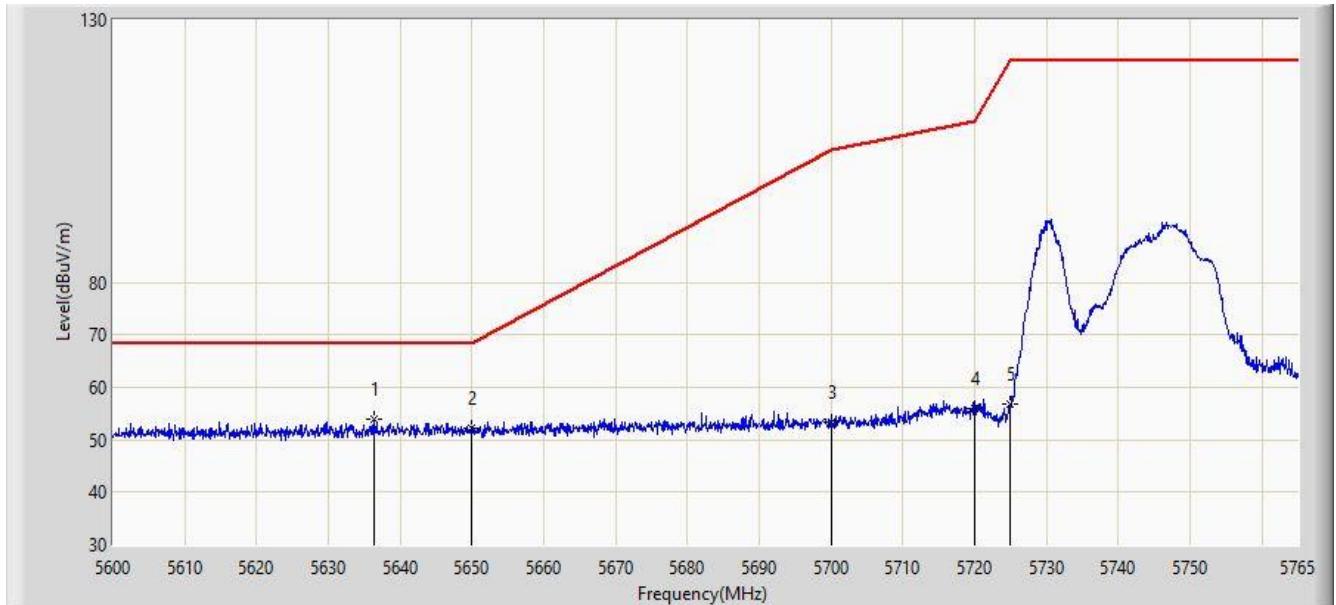
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	33.457	27.060	-20.543	54.000	6.398	AV

Note 1: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 02:43
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz	



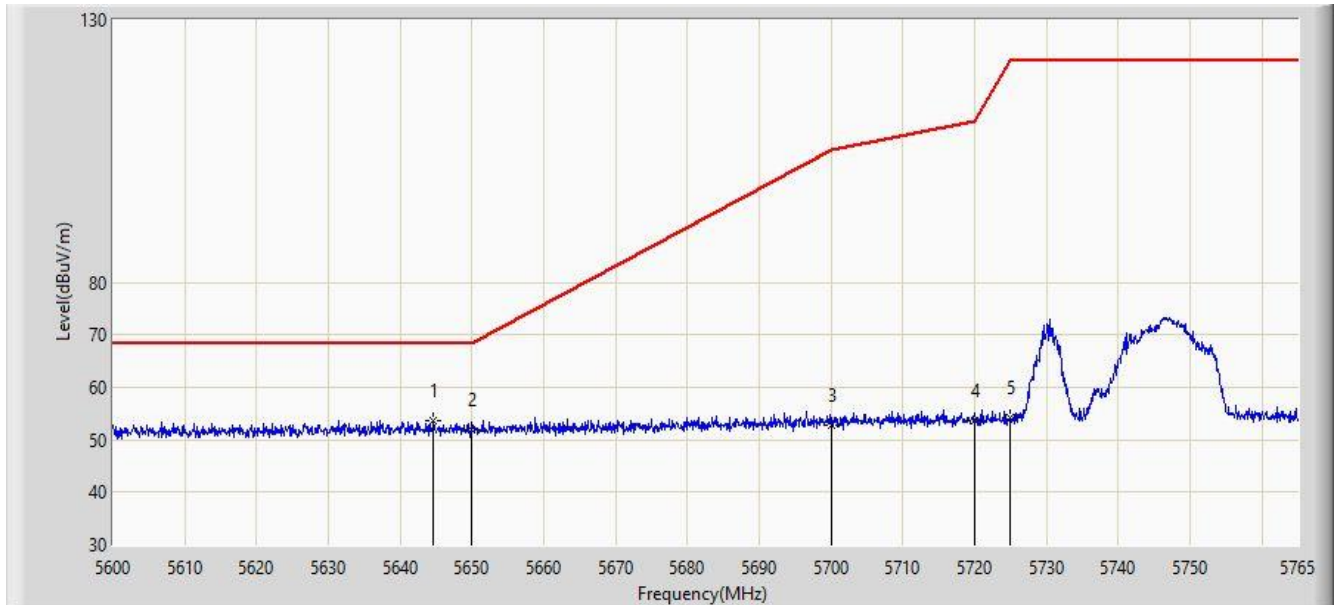
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5636.382	53.802	47.000	-14.398	68.200	6.802	PK
2		5650.000	52.293	45.500	-15.907	68.200	6.793	PK
3		5700.000	53.269	46.360	-51.931	105.200	6.909	PK
4		5720.000	56.062	49.158	-54.738	110.800	6.904	PK
5		5725.000	56.748	49.881	-65.452	122.200	6.867	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 02:48
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz	



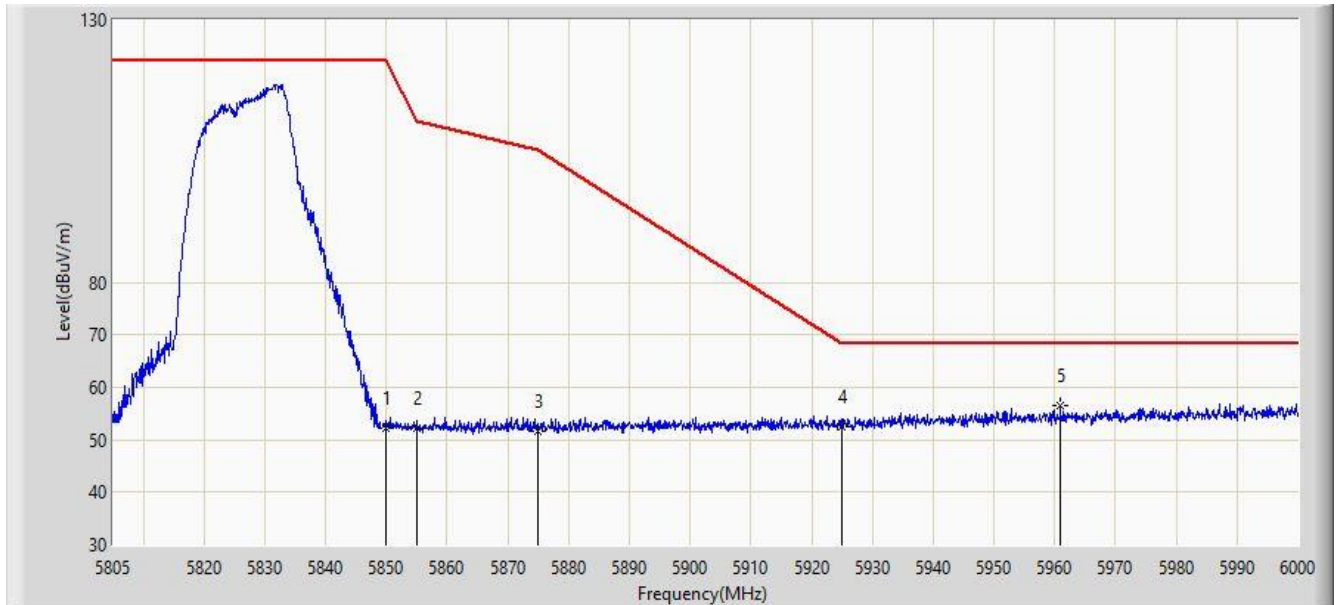
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5644.632	53.693	46.877	-14.507	68.200	6.816	PK
2		5650.000	51.916	45.123	-16.284	68.200	6.793	PK
3		5700.000	52.885	45.976	-52.315	105.200	6.909	PK
4		5720.000	53.624	46.720	-57.176	110.800	6.904	PK
5		5725.000	54.215	47.348	-67.985	122.200	6.867	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 02:57
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz	



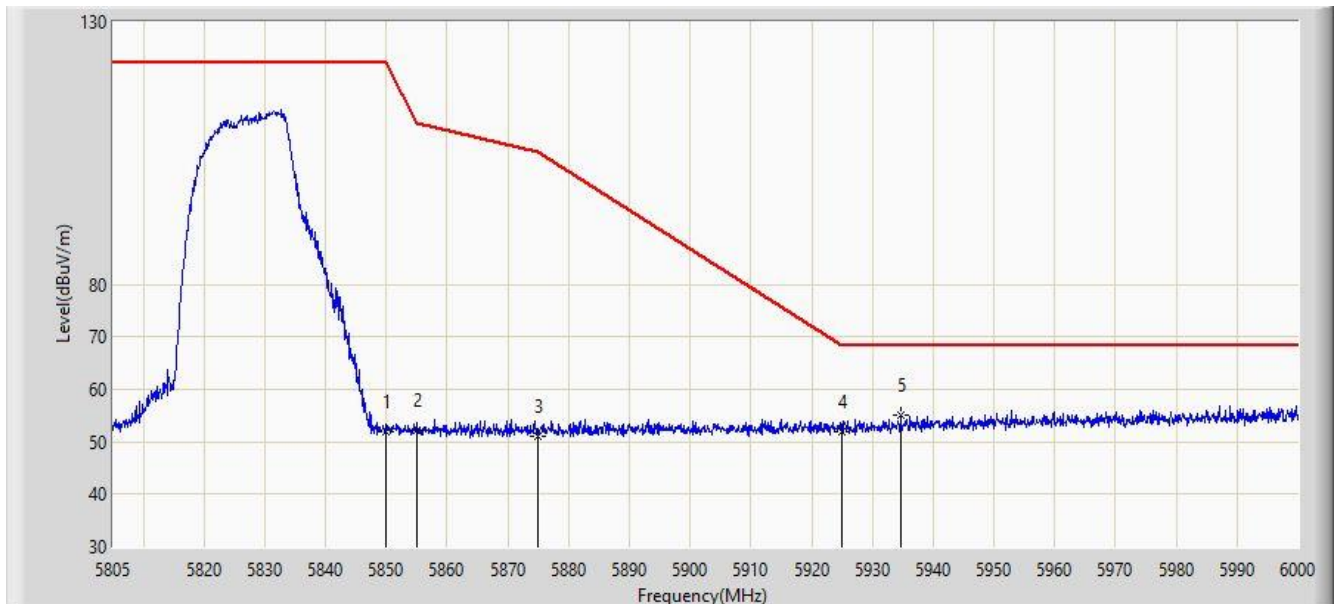
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5850.000	52.160	44.830	-70.040	122.200	7.331	PK
2		5855.000	52.174	44.846	-58.626	110.800	7.327	PK
3		5875.000	51.742	44.328	-53.458	105.200	7.414	PK
4		5925.000	52.422	45.122	-15.778	68.200	7.299	PK
5	*	5960.902	56.547	49.136	-11.653	68.200	7.411	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 03:05
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz	



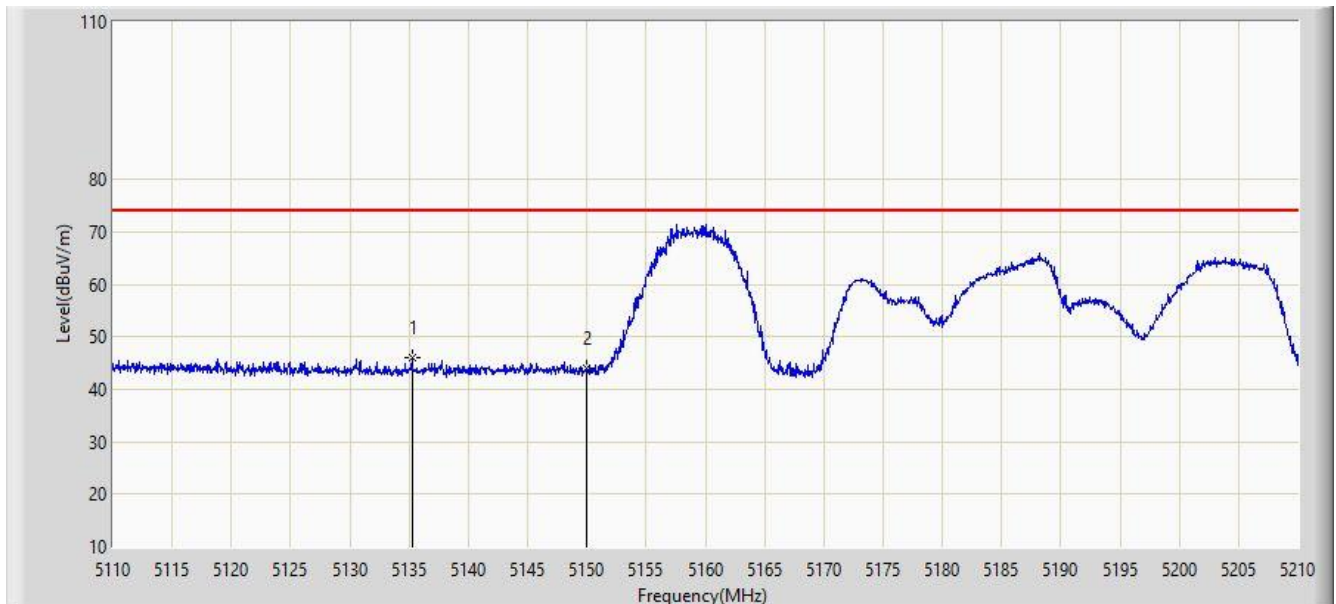
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5850.000	51.901	44.571	-70.299	122.200	7.331	PK
2		5855.000	52.174	44.846	-58.626	110.800	7.327	PK
3		5875.000	51.141	43.727	-54.059	105.200	7.414	PK
4		5925.000	51.976	44.676	-16.224	68.200	7.299	PK
5	*	5934.578	55.038	47.681	-13.162	68.200	7.357	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 02:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz	



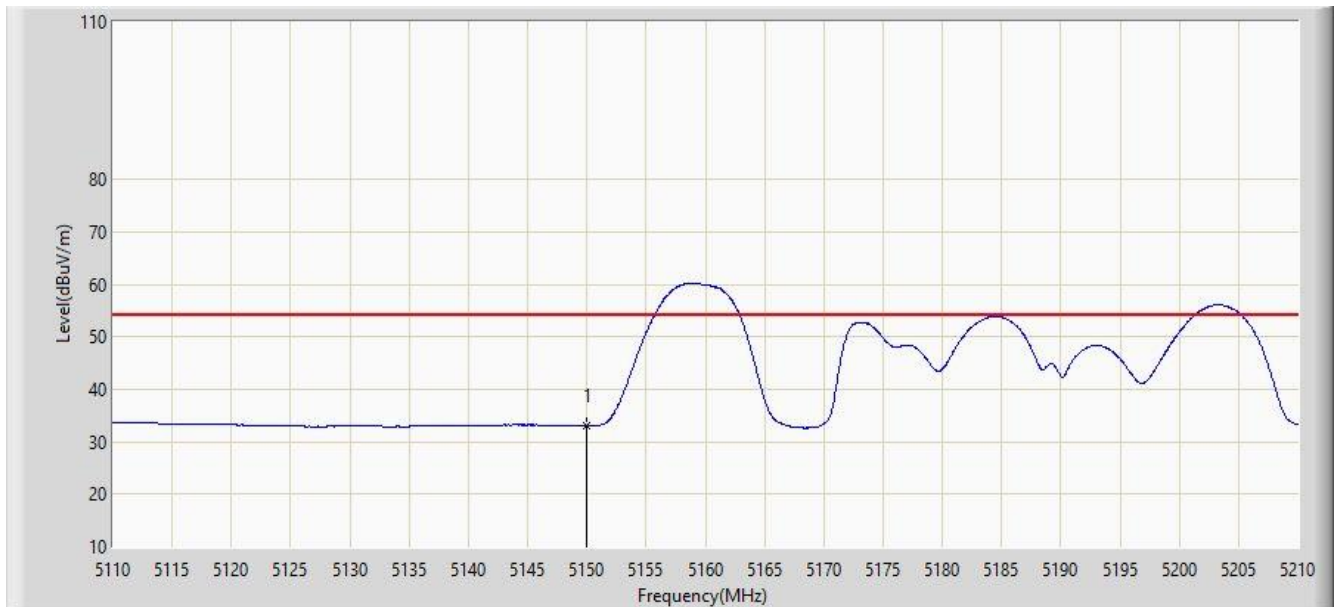
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5135.250	46.036	39.454	-27.964	74.000	6.582	PK
2		5150.000	43.923	37.526	-30.077	74.000	6.398	PK

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 02:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz	



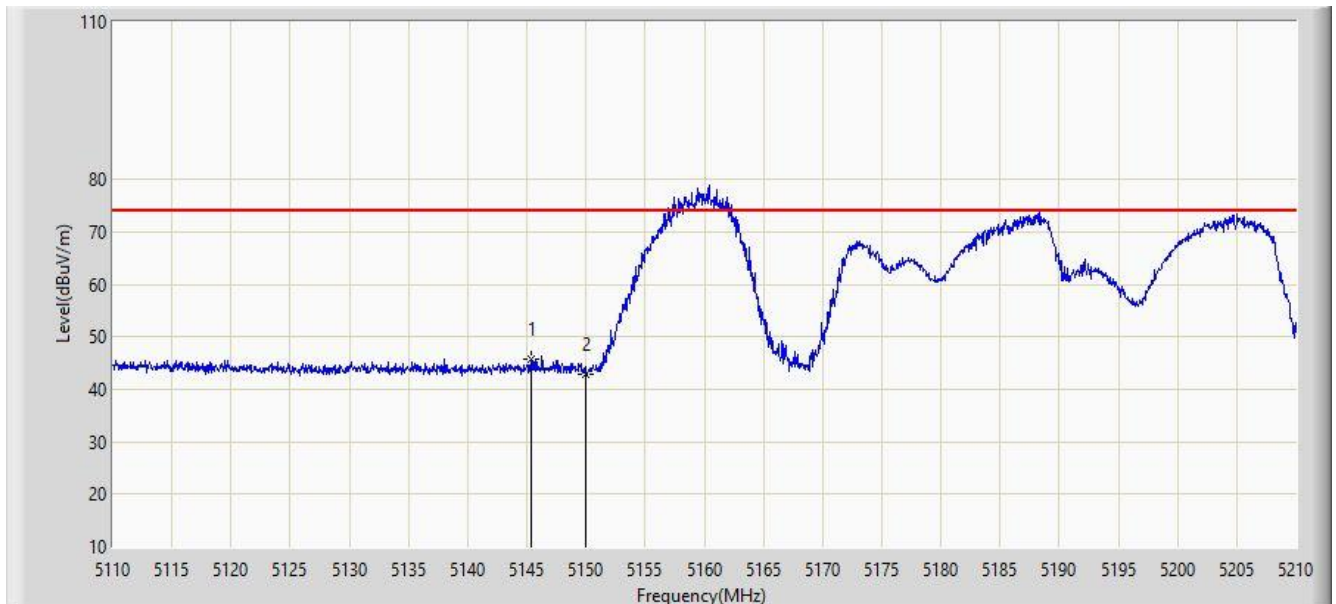
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	33.032	26.635	-20.968	54.000	6.398	AV

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 02:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz	



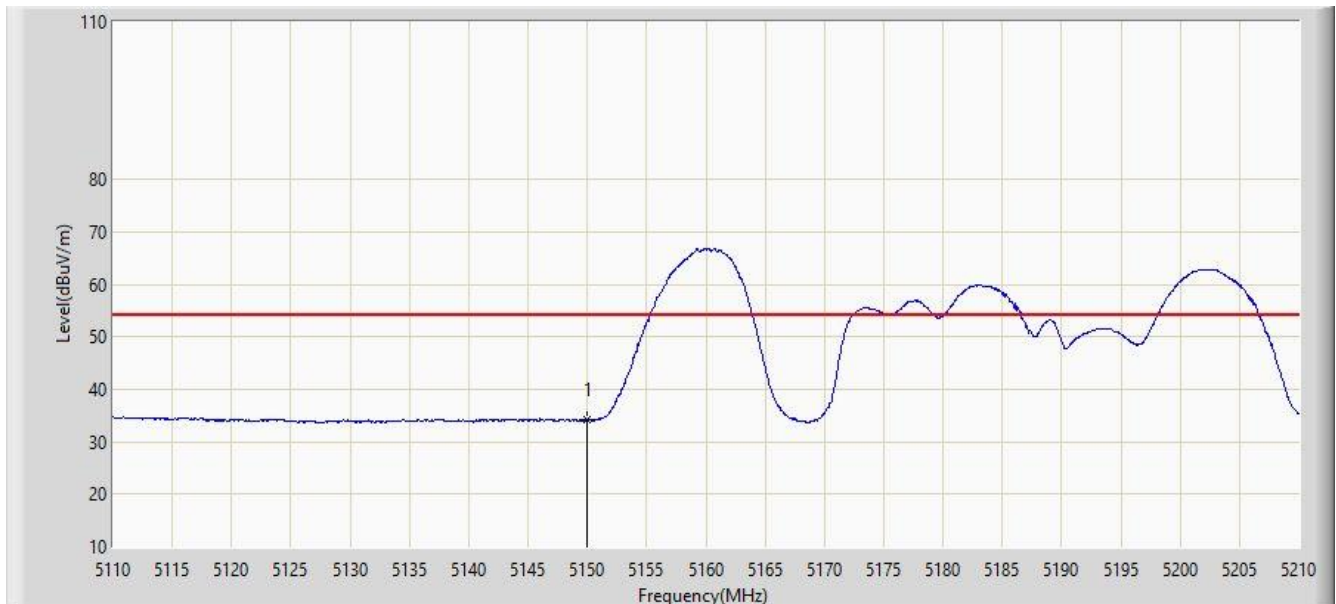
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5145.350	45.759	39.328	-28.241	74.000	6.430	PK
2		5150.000	42.755	36.358	-31.245	74.000	6.398	PK

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 02:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz	



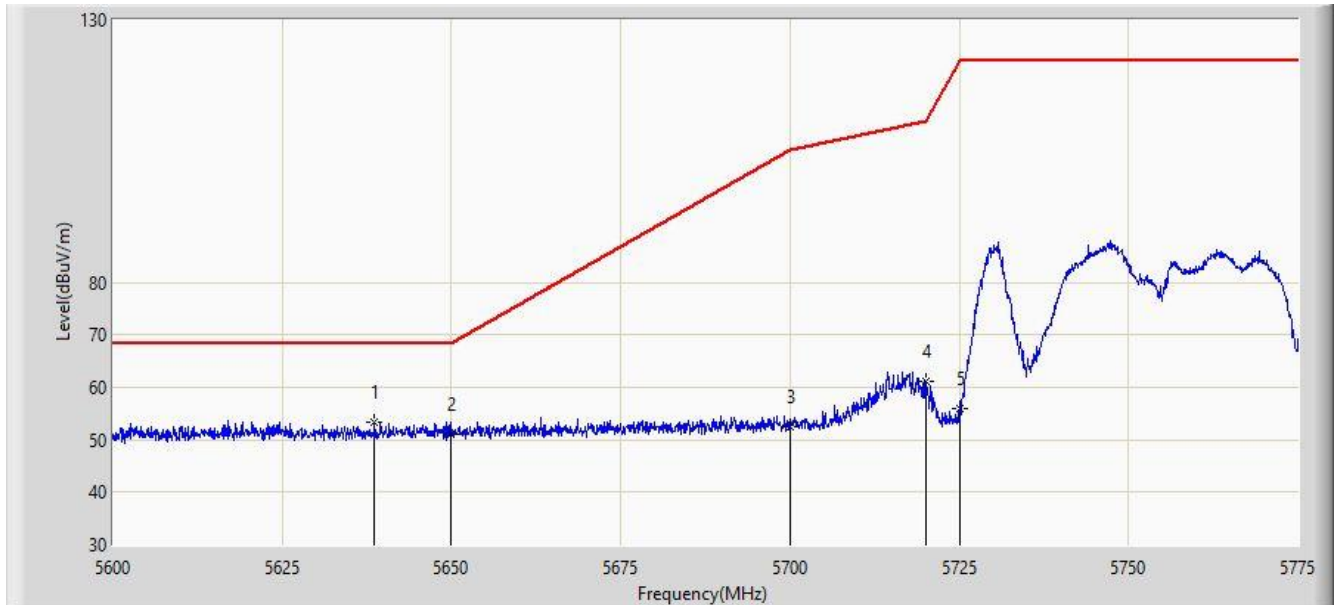
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	34.172	27.775	-19.828	54.000	6.398	AV

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 03:09
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz	



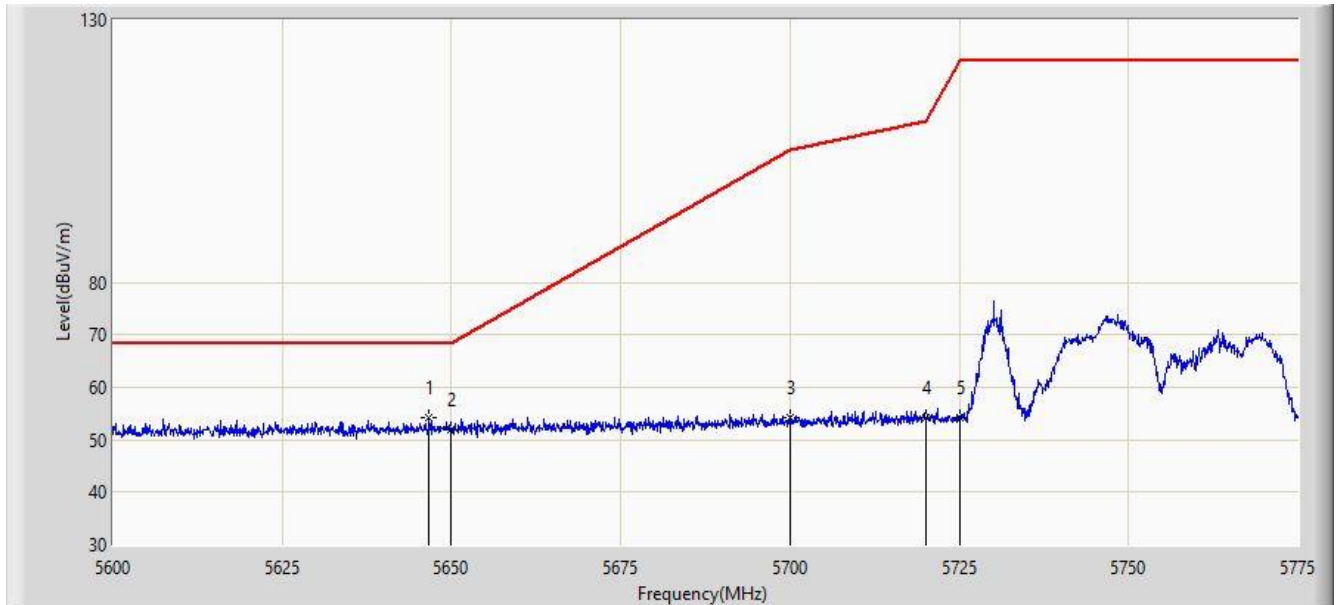
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5638.675	53.243	46.426	-14.957	68.200	6.817	PK
2		5650.000	51.104	44.311	-17.096	68.200	6.793	PK
3		5700.000	52.415	45.506	-52.785	105.200	6.909	PK
4		5720.000	61.042	54.138	-49.758	110.800	6.904	PK
5		5725.000	55.844	48.977	-66.356	122.200	6.867	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 03:15
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz	



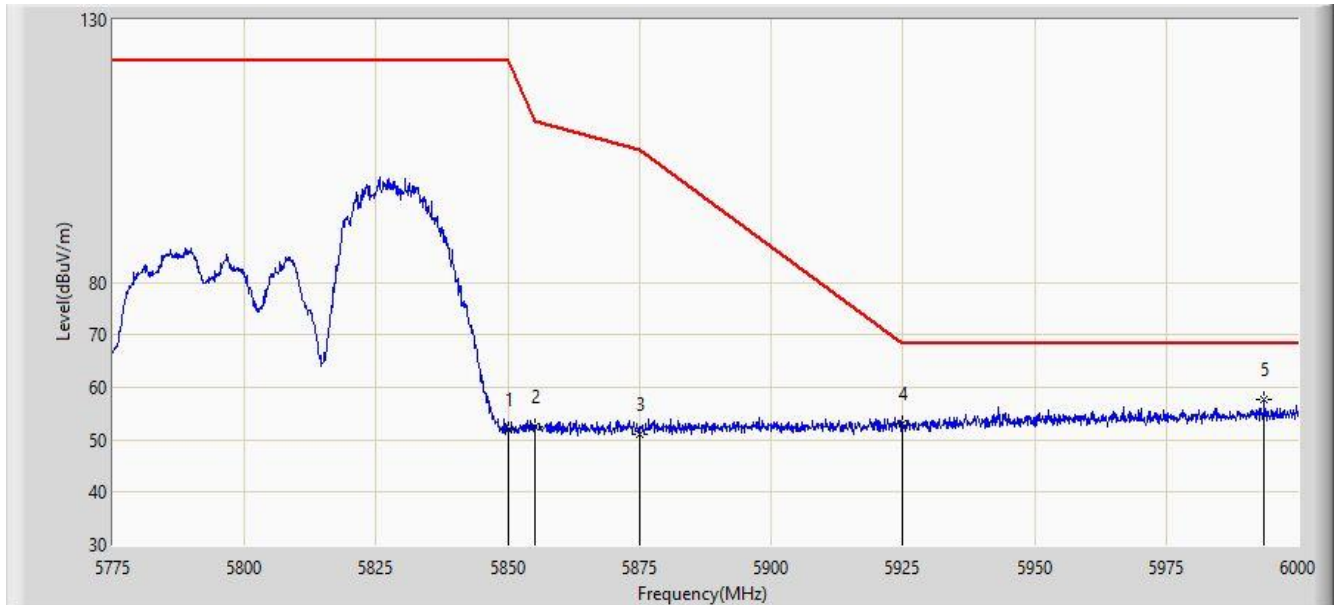
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5646.725	54.211	47.404	-13.989	68.200	6.807	PK
2		5650.000	51.840	45.047	-16.360	68.200	6.793	PK
3		5700.000	54.325	47.416	-50.875	105.200	6.909	PK
4		5720.000	54.133	47.229	-56.667	110.800	6.904	PK
5		5725.000	54.134	47.267	-68.066	122.200	6.867	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 03:23
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz	



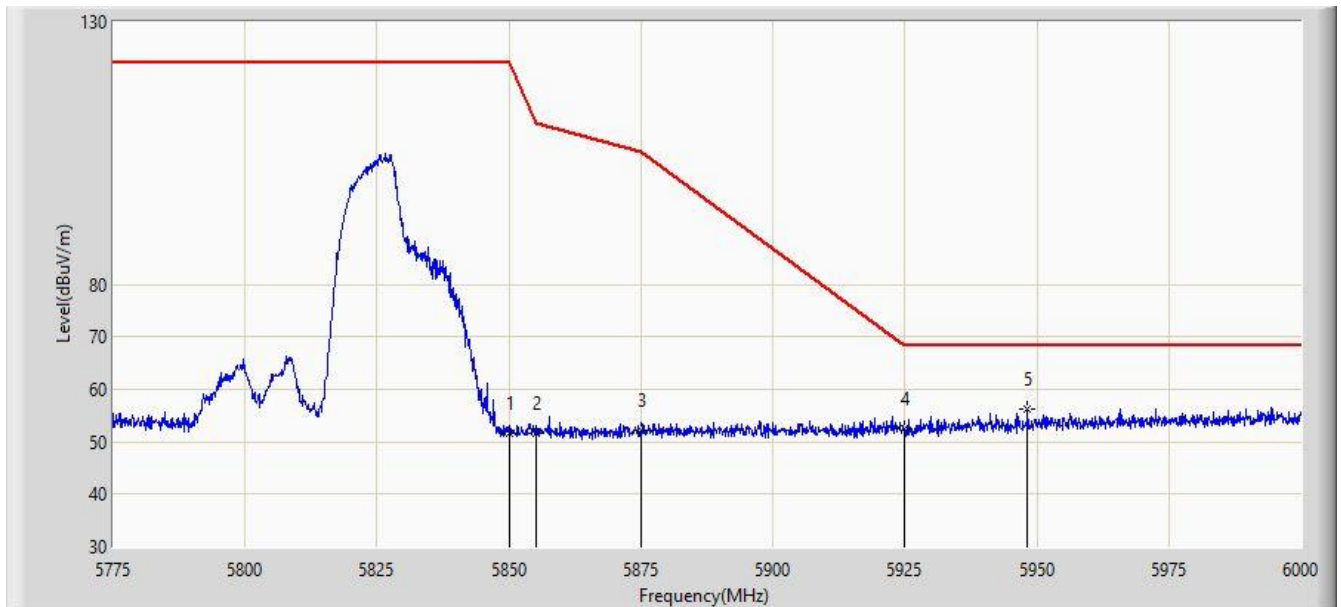
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5850.000	51.909	44.579	-70.291	122.200	7.331	PK
2		5855.000	52.337	45.009	-58.463	110.800	7.327	PK
3		5875.000	51.121	43.707	-54.079	105.200	7.414	PK
4		5925.000	53.130	45.830	-15.070	68.200	7.299	PK
5	*	5993.587	57.548	50.094	-10.652	68.200	7.455	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 03:28
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz	



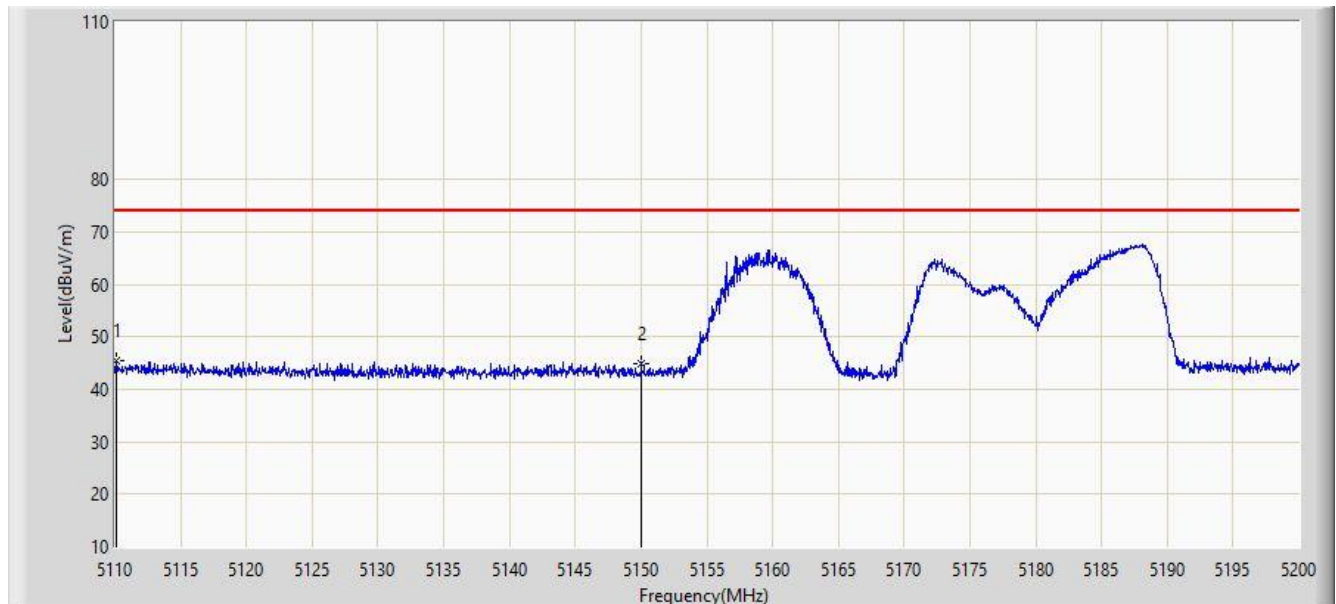
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5850.000	51.665	44.335	-70.535	122.200	7.331	PK
2		5855.000	51.547	44.219	-59.253	110.800	7.327	PK
3		5875.000	52.096	44.682	-53.104	105.200	7.414	PK
4		5925.000	52.422	45.122	-15.778	68.200	7.299	PK
5	*	5948.250	56.141	48.645	-12.059	68.200	7.496	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 02:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz	



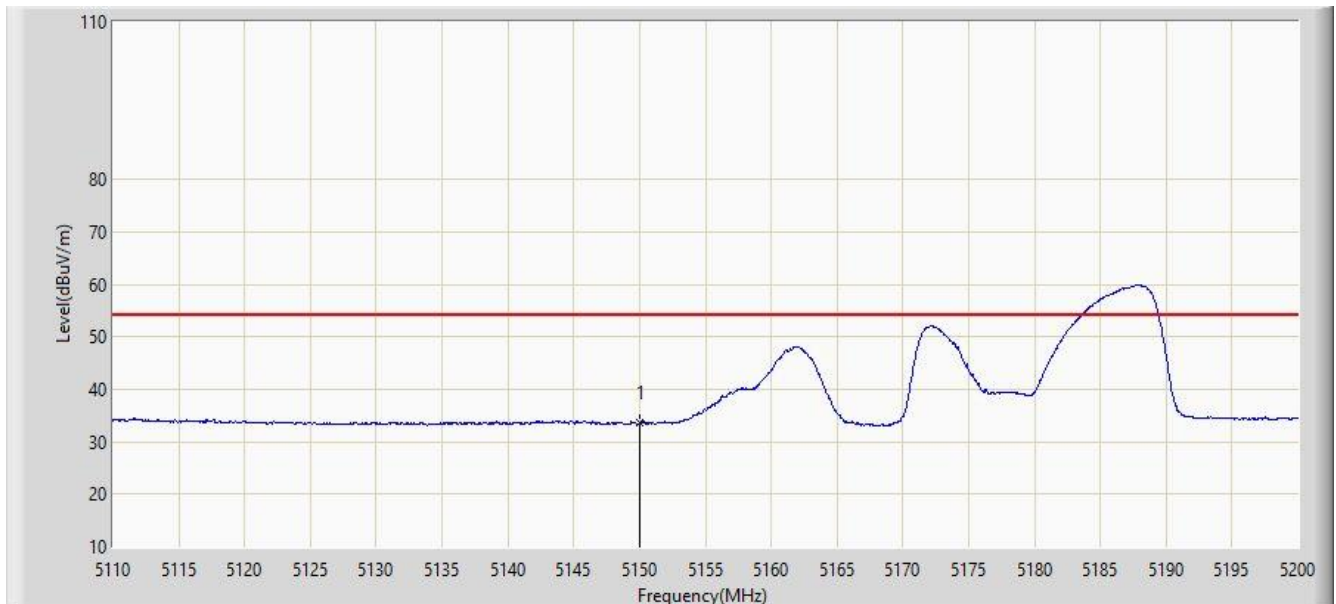
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5110.135	45.466	39.017	-28.534	74.000	6.449	PK
2		5150.000	44.897	38.500	-29.103	74.000	6.398	PK

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 02:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz	



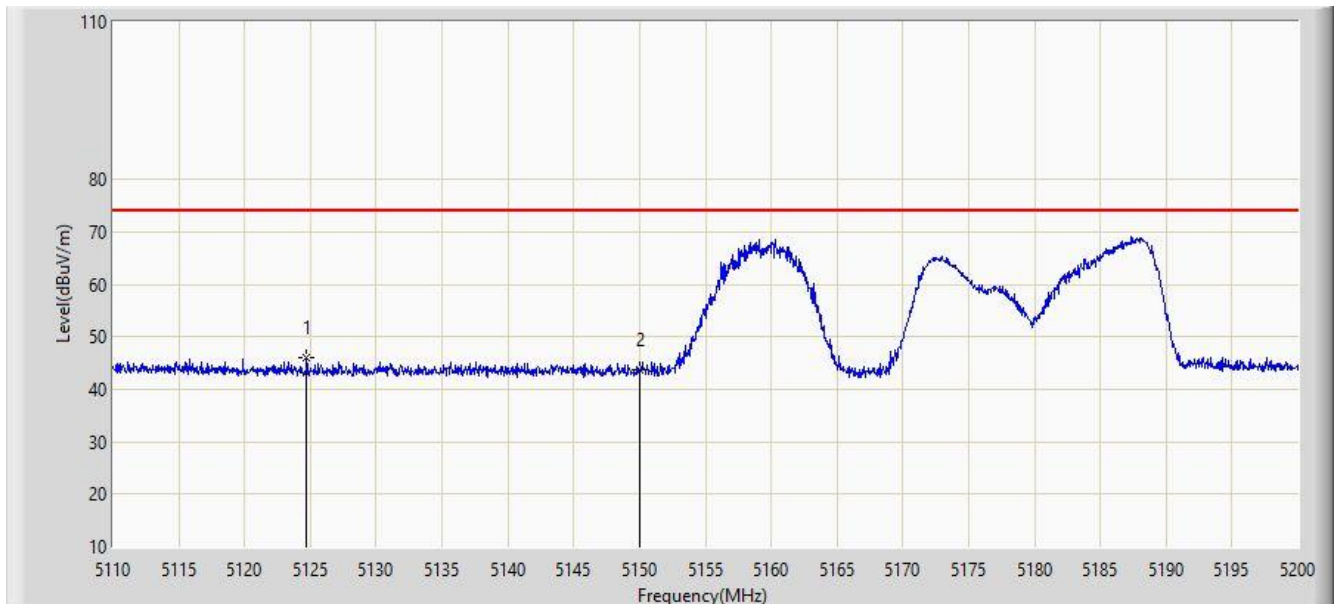
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	33.617	27.220	-20.383	54.000	6.398	AV

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 02:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz	



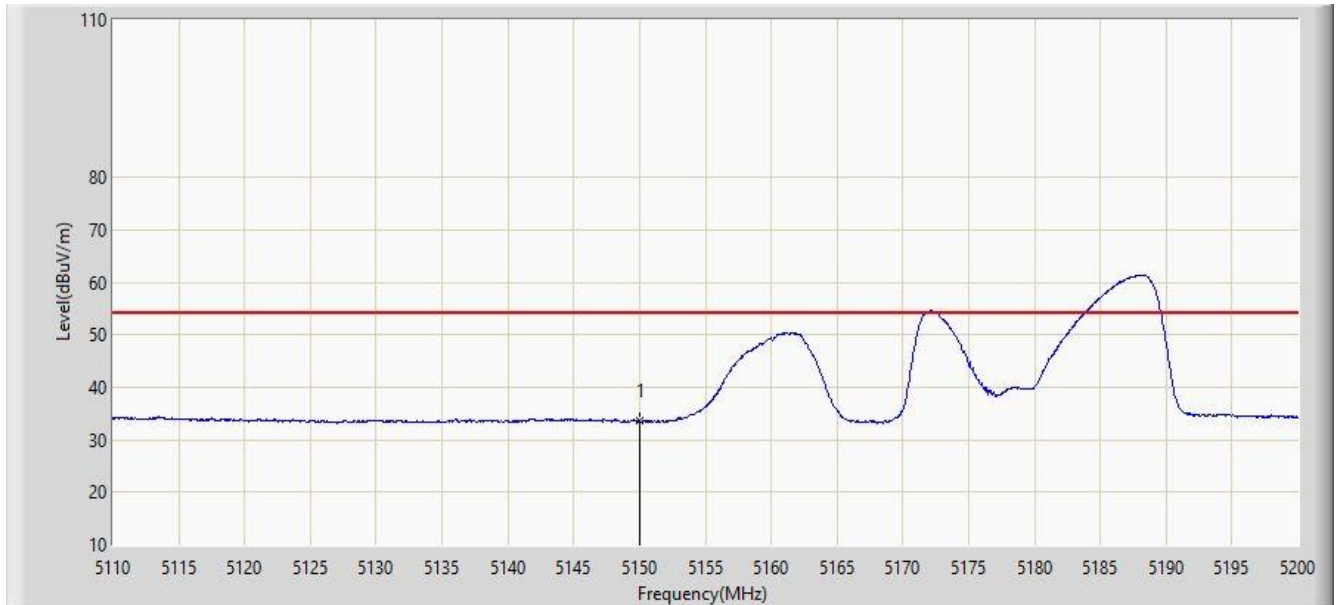
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5124.715	46.103	39.524	-27.897	74.000	6.579	PK
2		5150.000	43.653	37.256	-30.347	74.000	6.398	PK

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 02:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz	



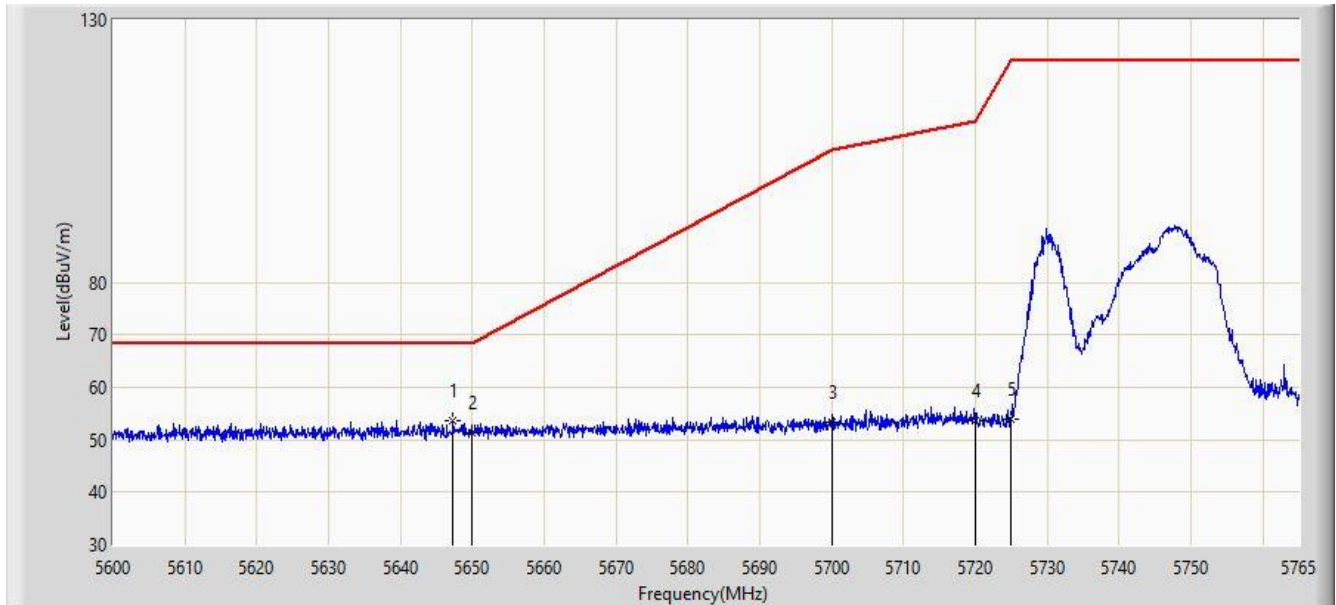
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	33.560	27.163	-20.440	54.000	6.398	AV

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 03:36
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz	



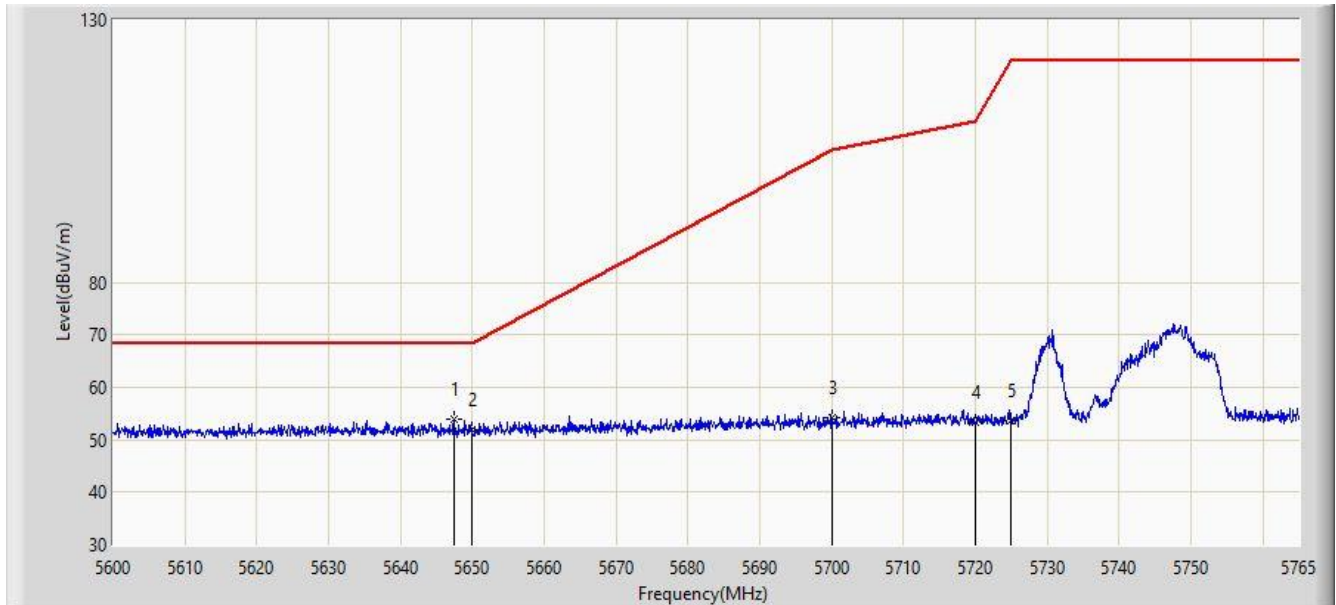
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5647.272	53.541	46.736	-14.659	68.200	6.805	PK
2		5650.000	51.450	44.657	-16.750	68.200	6.793	PK
3		5700.000	53.396	46.487	-51.804	105.200	6.909	PK
4		5720.000	53.706	46.802	-57.094	110.800	6.904	PK
5		5725.000	53.858	46.991	-68.342	122.200	6.867	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 03:38
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz	



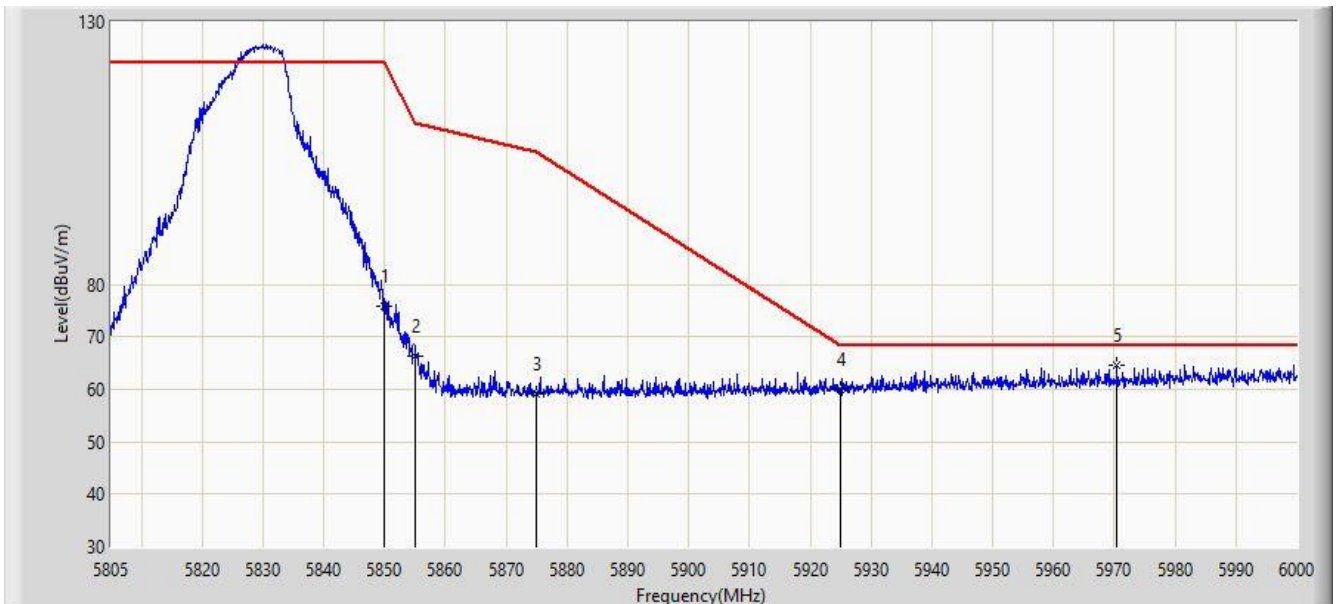
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5647.437	53.896	47.092	-14.304	68.200	6.805	PK
2		5650.000	51.819	45.026	-16.381	68.200	6.793	PK
3		5700.000	54.082	47.173	-51.118	105.200	6.909	PK
4		5720.000	53.219	46.315	-57.581	110.800	6.904	PK
5		5725.000	53.581	46.714	-68.619	122.200	6.867	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 03:43
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz	



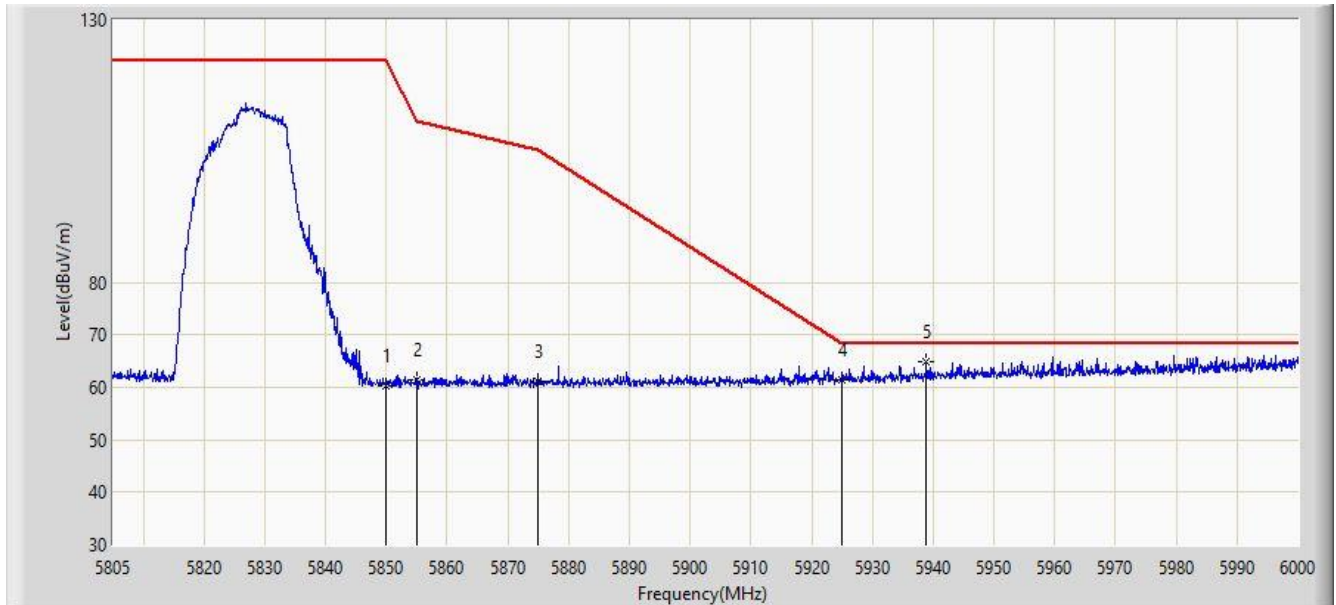
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5850.000	75.787	68.457	-46.413	122.200	7.331	PK
2		5855.000	66.247	58.919	-44.553	110.800	7.327	PK
3		5875.000	59.017	51.603	-46.183	105.200	7.414	PK
4		5925.000	59.832	52.532	-8.368	68.200	7.299	PK
5	*	5970.458	64.705	57.332	-3.495	68.200	7.372	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 03:57
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz	



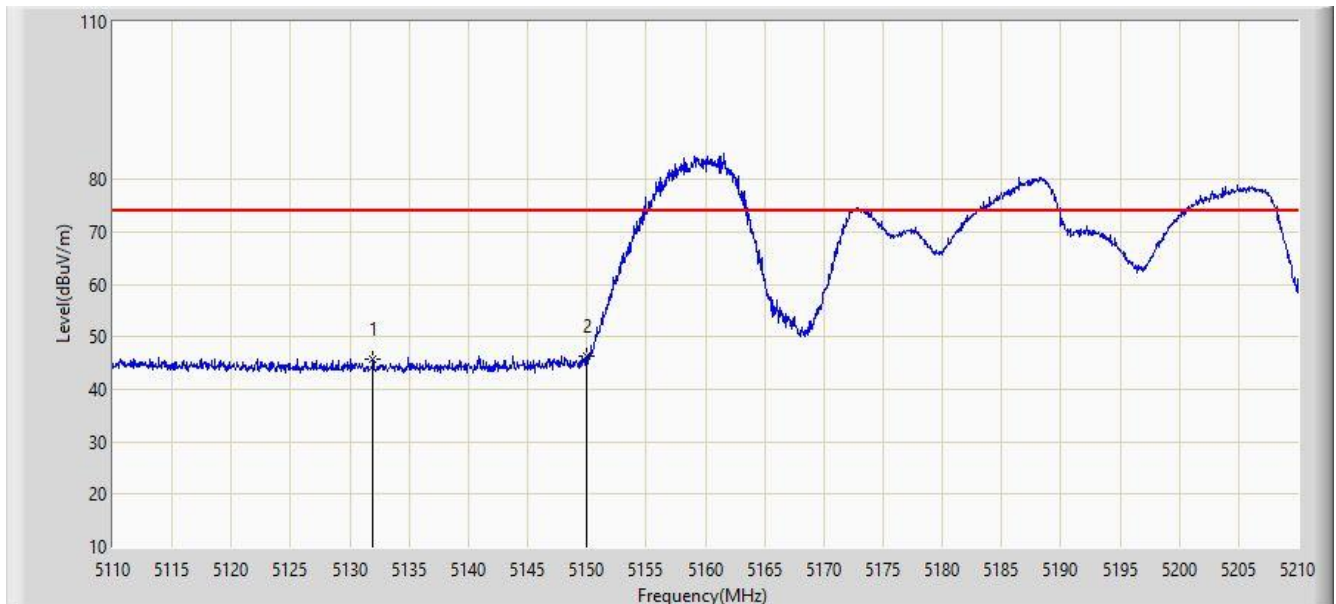
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5850.000	60.249	52.919	-61.951	122.200	7.331	PK
2		5855.000	61.452	54.124	-49.348	110.800	7.327	PK
3		5875.000	61.007	53.593	-44.193	105.200	7.414	PK
4		5925.000	61.452	54.152	-6.748	68.200	7.299	PK
5	*	5938.868	64.909	57.500	-3.291	68.200	7.409	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 02:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz	



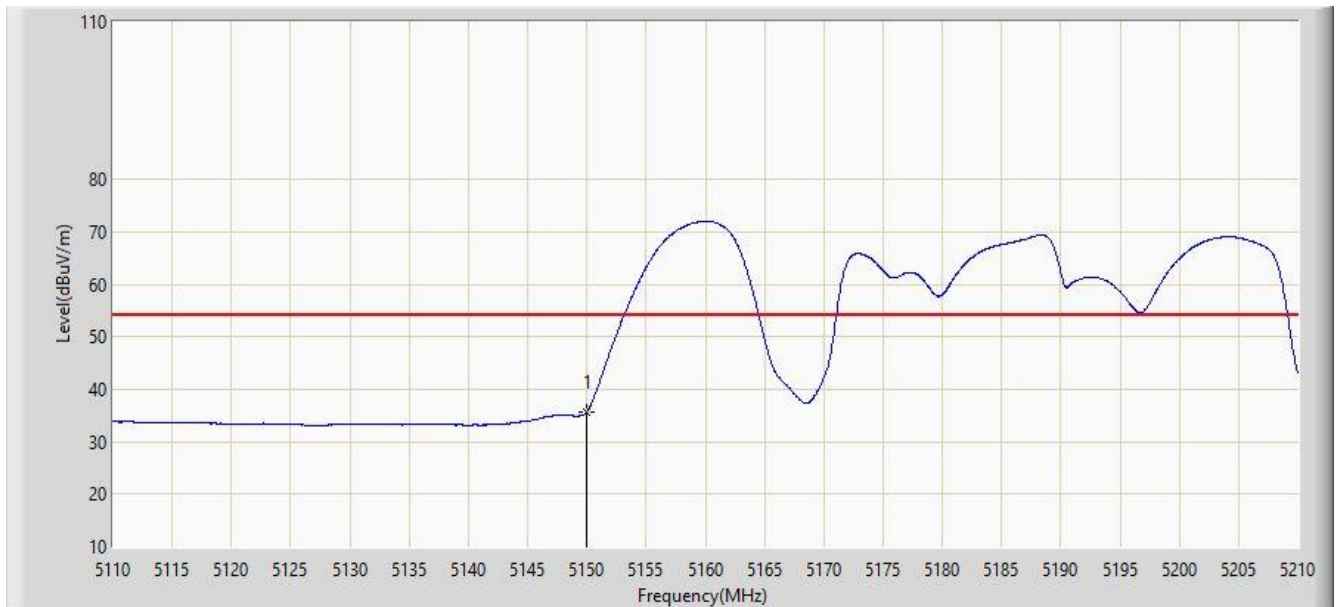
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5131.950	45.725	39.095	-28.275	74.000	6.630	PK
2	*	5150.000	46.169	39.772	-27.831	74.000	6.398	PK

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 03:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz	



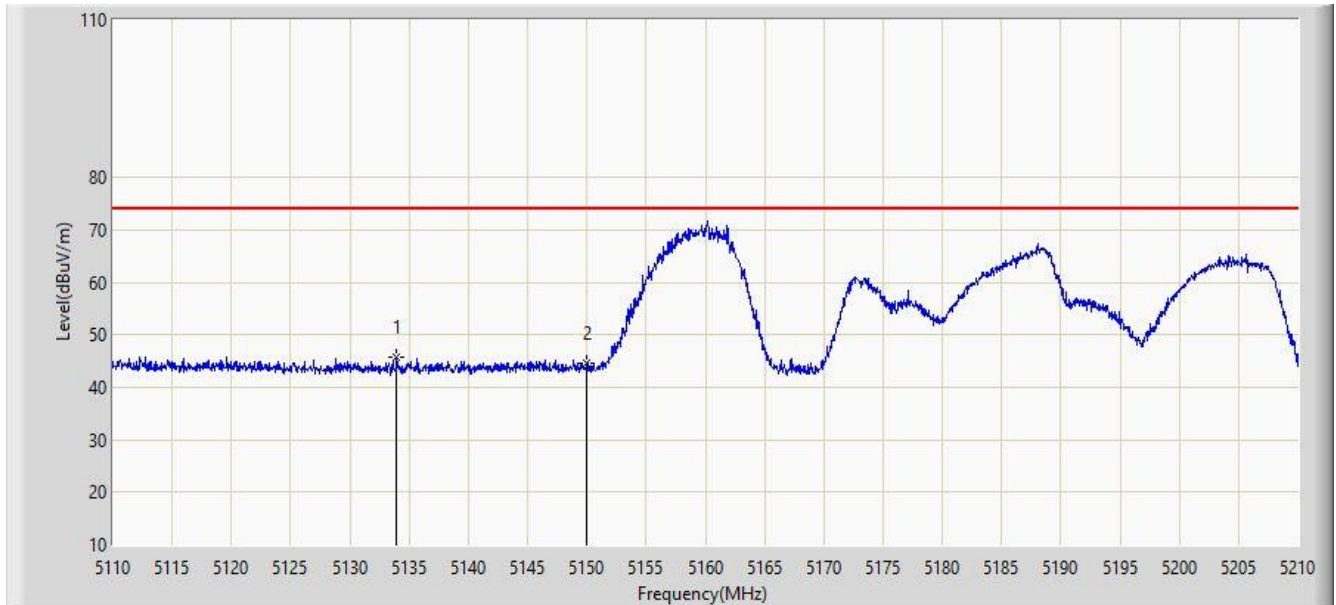
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	35.741	29.344	-18.259	54.000	6.398	AV

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 03:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz	



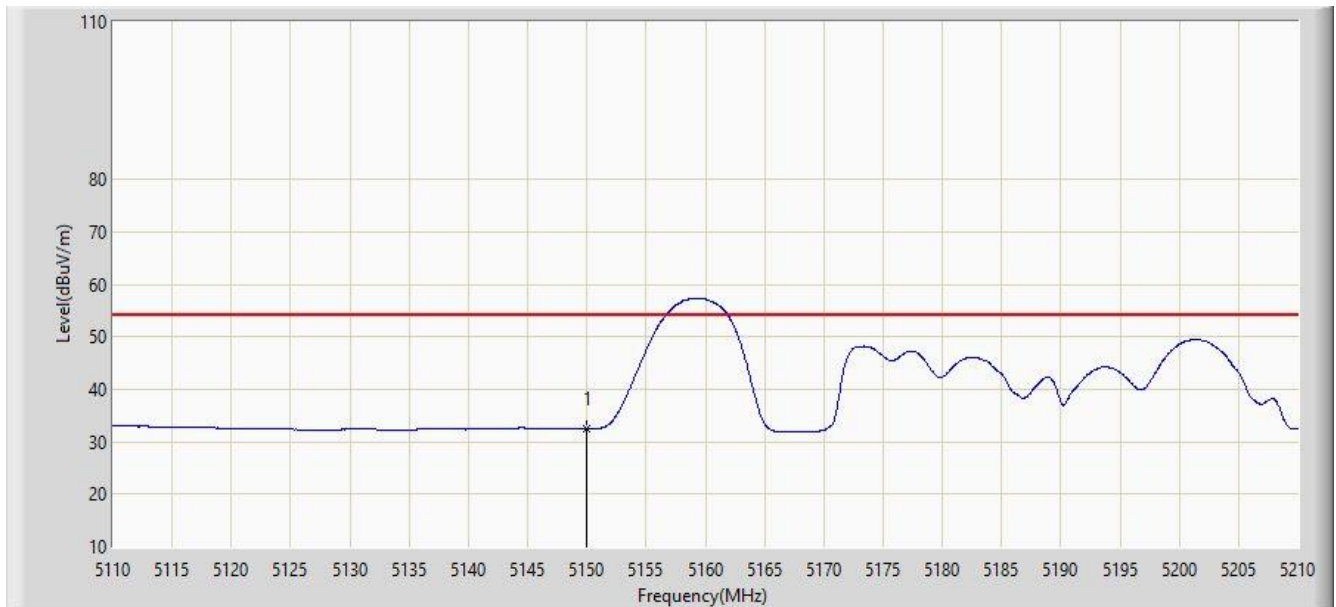
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5133.950	45.832	39.231	-28.168	74.000	6.601	PK
2		5150.000	44.602	38.205	-29.398	74.000	6.398	PK

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 03:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz	



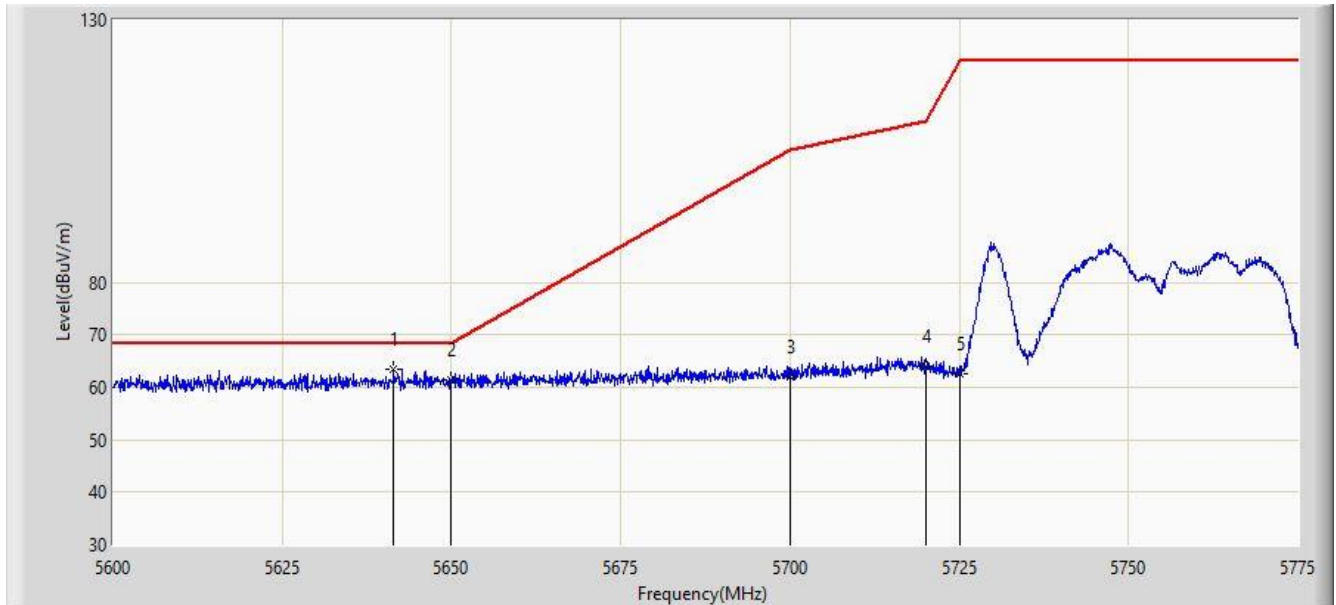
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	32.415	26.018	-21.585	54.000	6.398	AV

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 04:04
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz	



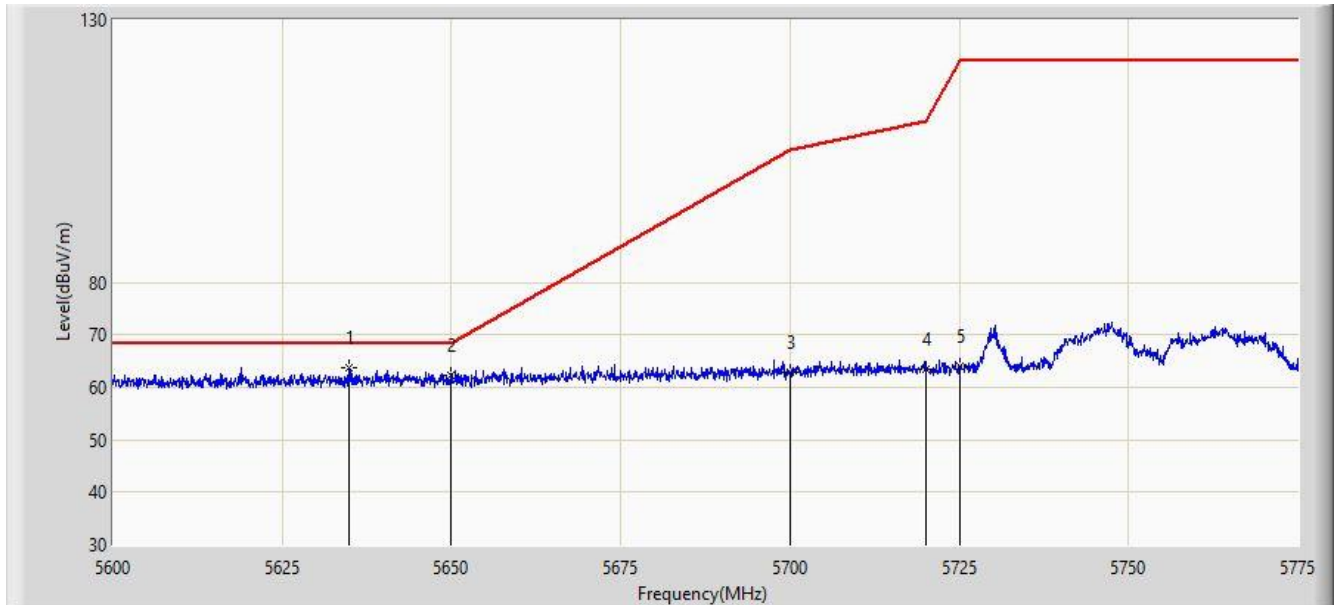
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5641.475	63.519	56.689	-4.681	68.200	6.830	PK
2		5650.000	61.355	54.562	-6.845	68.200	6.793	PK
3		5700.000	61.960	55.051	-43.240	105.200	6.909	PK
4		5720.000	63.895	56.991	-46.905	110.800	6.904	PK
5		5725.000	62.452	55.585	-59.748	122.200	6.867	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 04:07
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz	



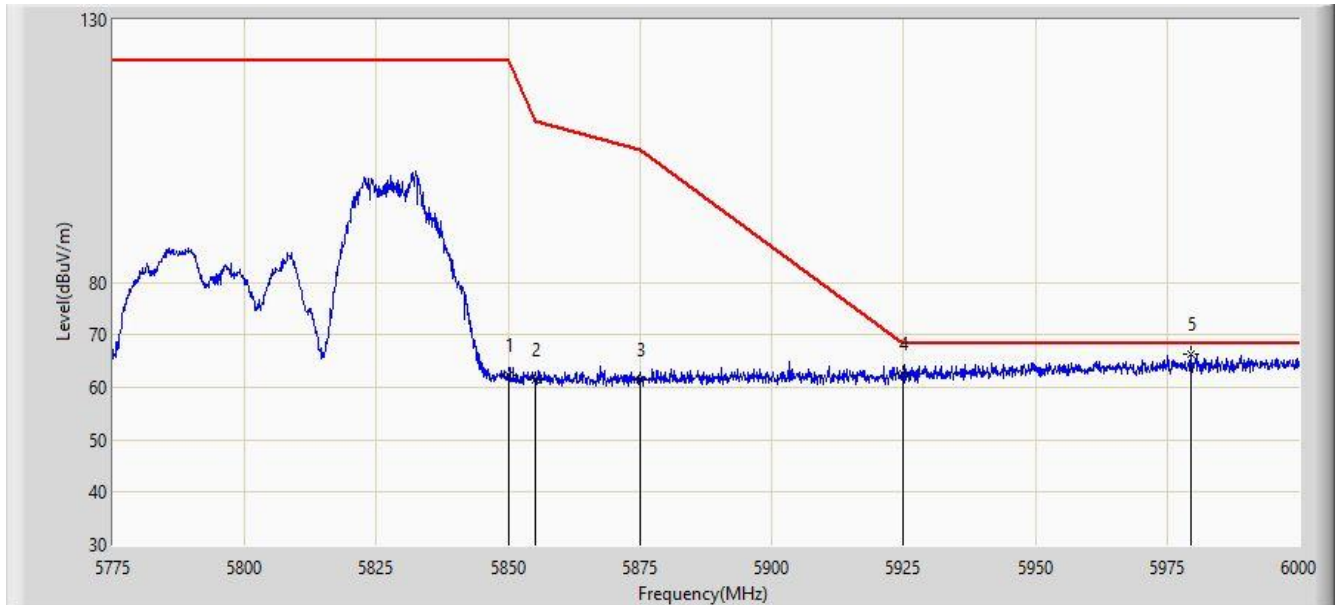
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5634.913	63.631	56.838	-4.569	68.200	6.793	PK
2		5650.000	62.133	55.340	-6.067	68.200	6.793	PK
3		5700.000	62.899	55.990	-42.301	105.200	6.909	PK
4		5720.000	63.509	56.605	-47.291	110.800	6.904	PK
5		5725.000	63.894	57.027	-58.306	122.200	6.867	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 04:15
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz	



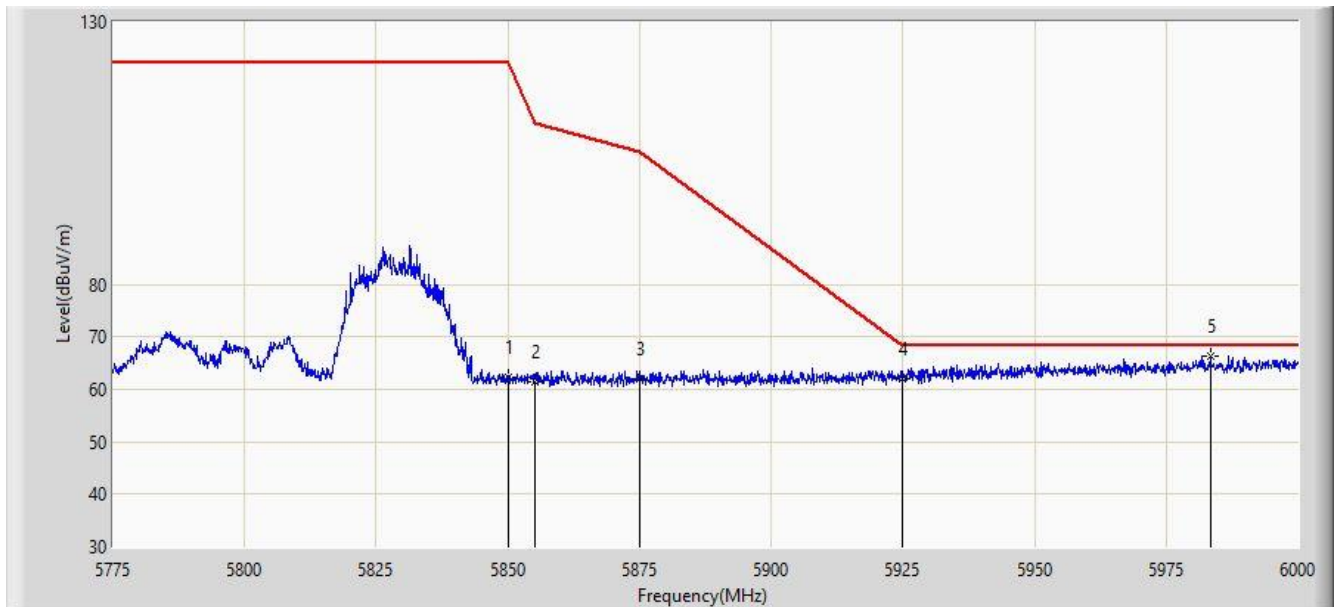
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5850.000	62.183	54.853	-60.017	122.200	7.331	PK
2		5855.000	61.368	54.040	-49.432	110.800	7.327	PK
3		5875.000	61.355	53.941	-43.845	105.200	7.414	PK
4		5925.000	62.604	55.304	-5.596	68.200	7.299	PK
5	*	5979.525	66.214	58.868	-1.986	68.200	7.345	PK

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 04:20
Limit: FCC_Part15.407_Band Edge(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz	



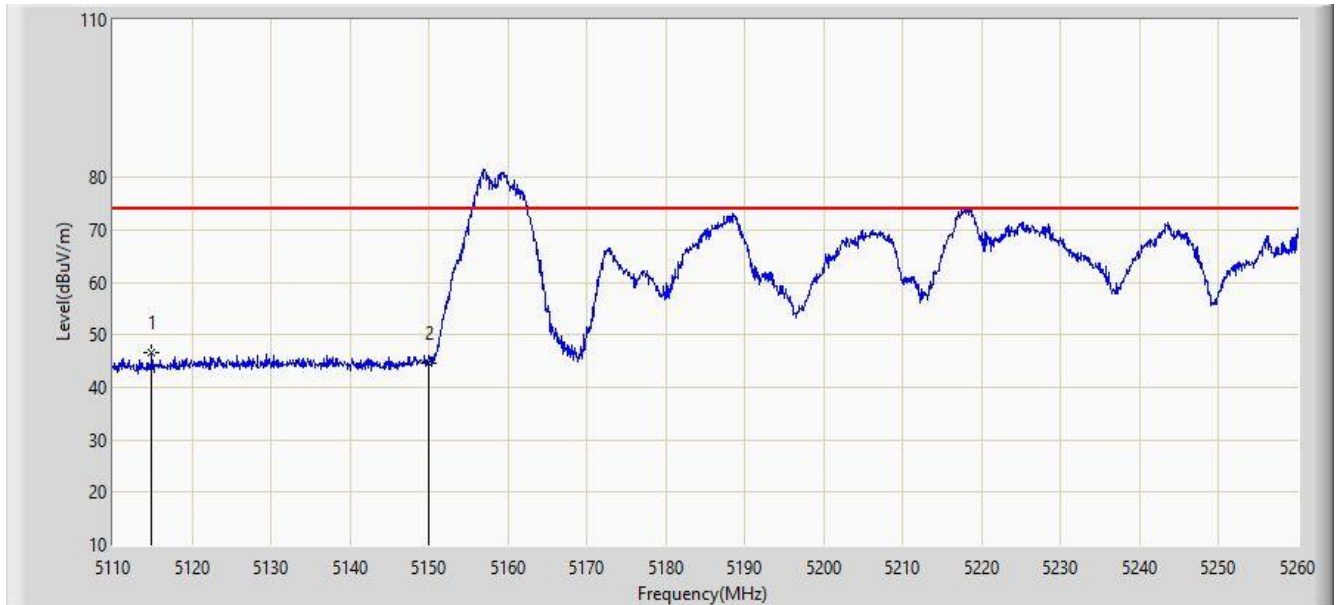
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5850.000	62.384	55.054	-59.816	122.200	7.331	PK
2		5855.000	61.426	54.098	-49.374	110.800	7.327	PK
3		5875.000	61.956	54.542	-43.244	105.200	7.414	PK
4		5925.000	61.866	54.566	-6.334	68.200	7.299	PK
5	*	5983.350	66.337	58.974	-1.863	68.200	7.363	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 03:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz	



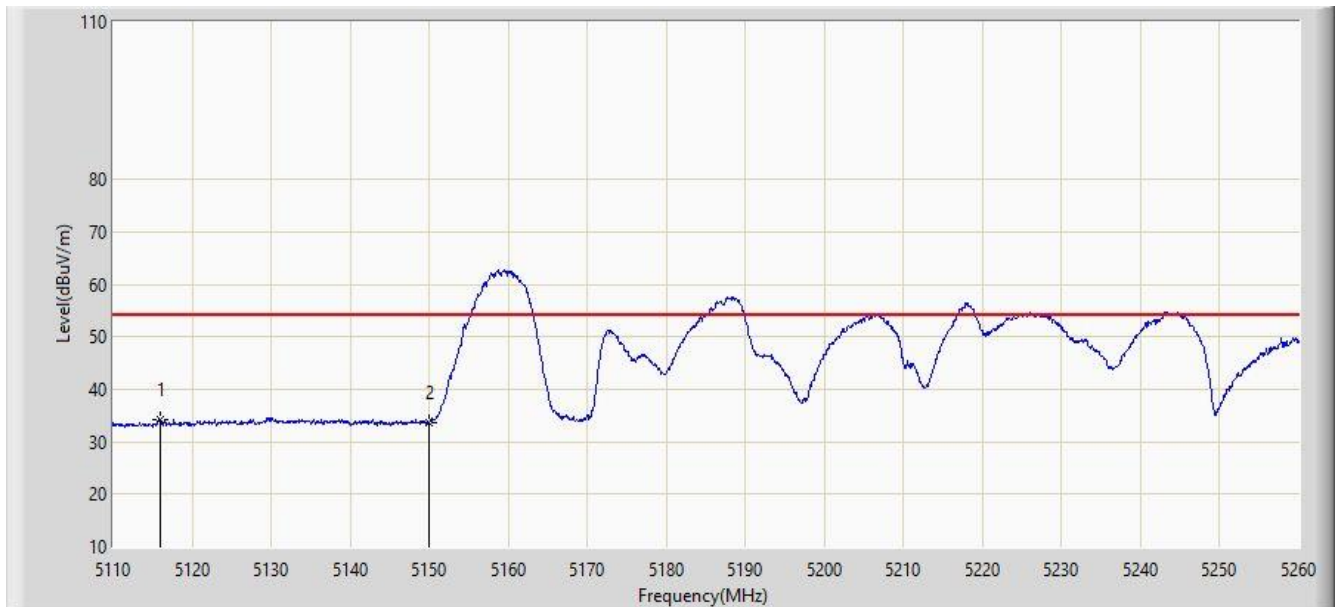
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5114.875	46.727	40.248	-27.273	74.000	6.479	PK
2		5150.000	44.694	38.297	-29.306	74.000	6.398	PK

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 03:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz	



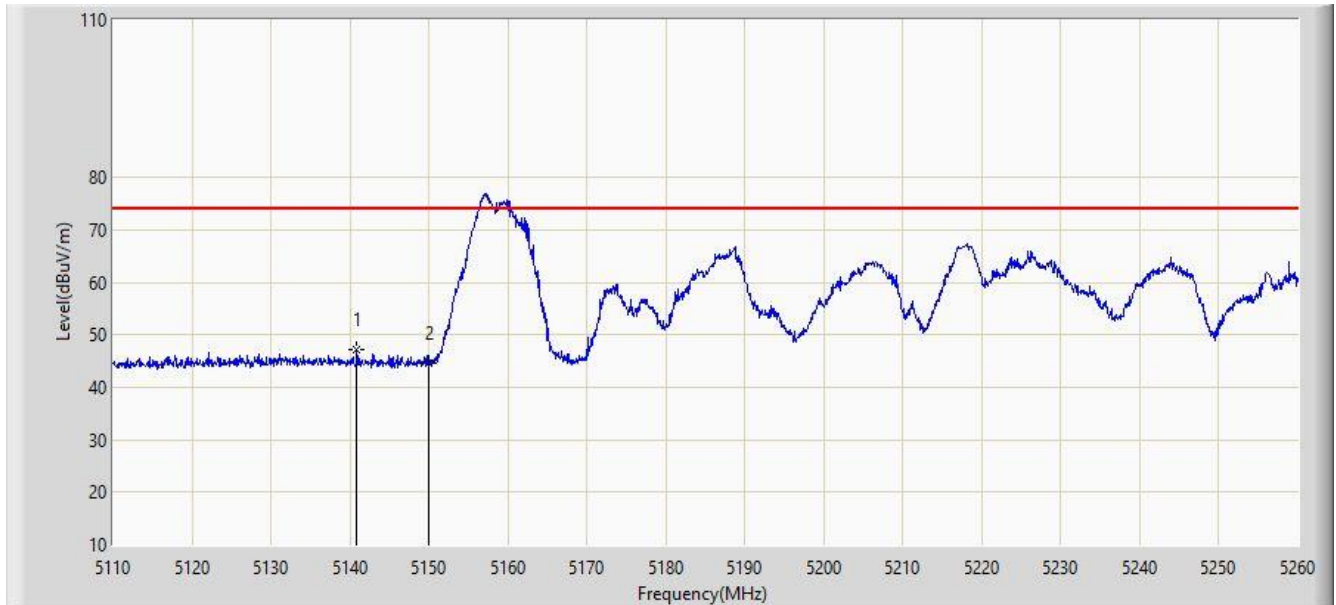
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5116.000	34.201	27.711	-19.799	54.000	6.490	AV
2		5150.000	33.642	27.245	-20.358	54.000	6.398	AV

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 03:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz	



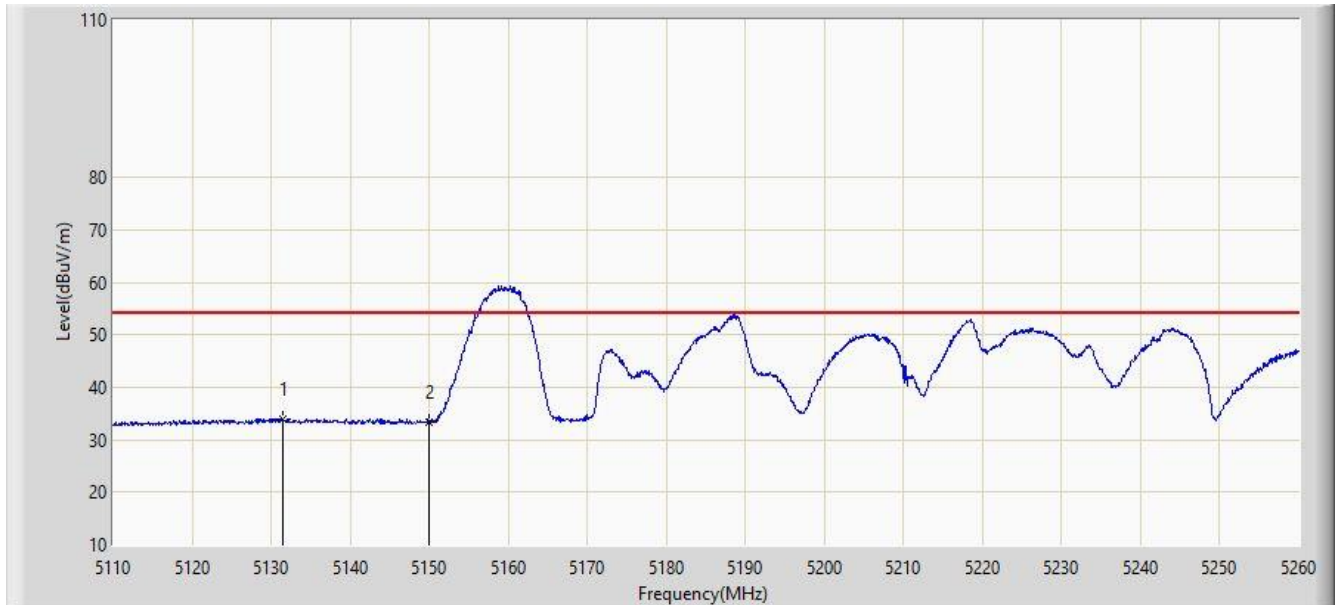
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5140.900	47.091	40.593	-26.909	74.000	6.498	PK
2		5150.000	44.668	38.271	-29.332	74.000	6.398	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/06 - 03:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz	



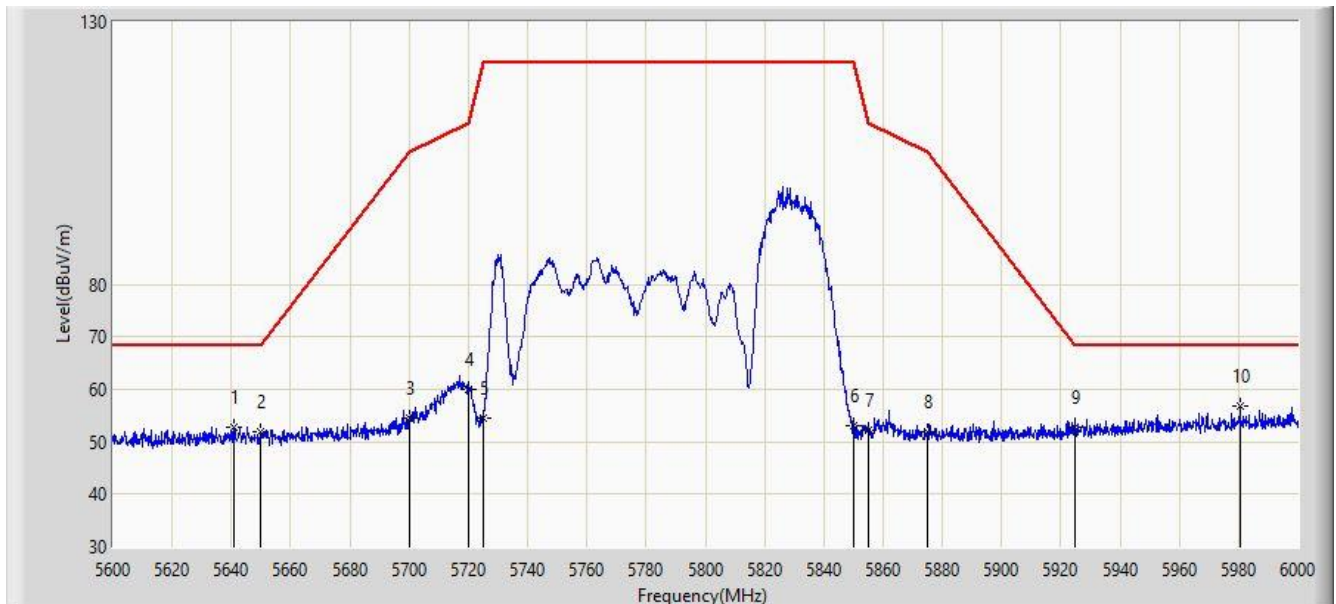
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5131.450	33.952	27.315	-20.048	54.000	6.637	AV
2		5150.000	33.278	26.881	-20.722	54.000	6.398	AV

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 05:00
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz	



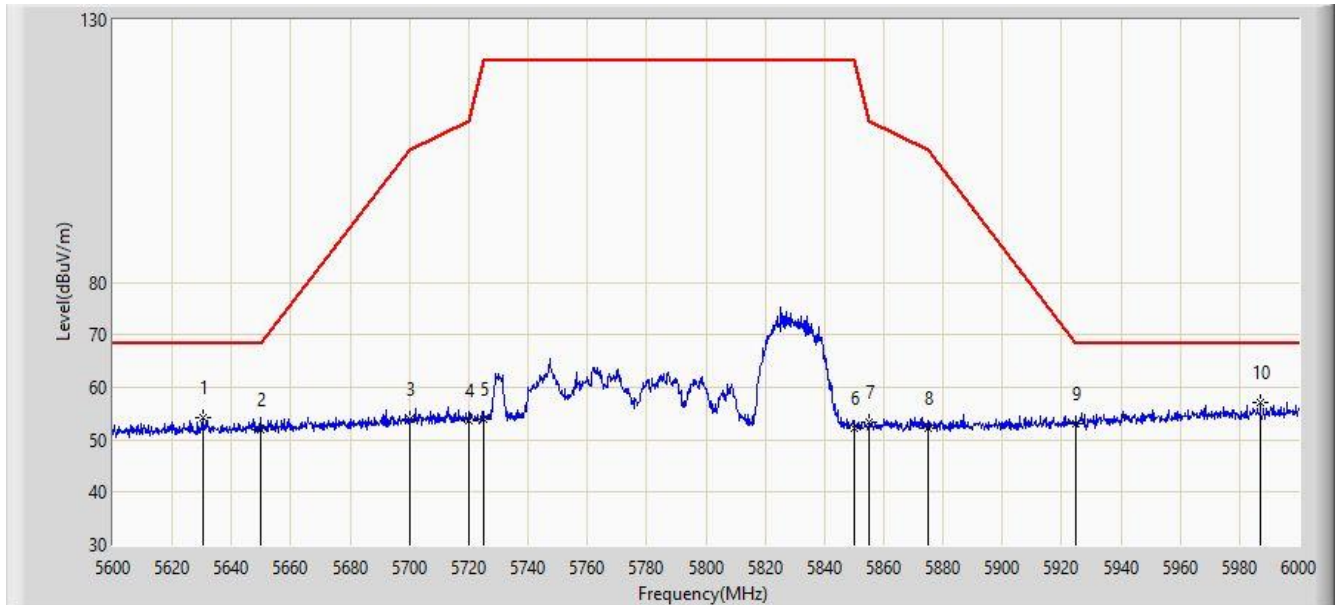
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5640.600	52.687	45.858	-15.513	68.200	6.830	PK
2		5650.000	51.789	44.996	-16.411	68.200	6.793	PK
3		5700.000	54.639	47.730	-50.561	105.200	6.909	PK
4		5720.000	59.919	53.015	-50.881	110.800	6.904	PK
5		5725.000	54.551	47.684	-67.649	122.200	6.867	PK
6		5850.000	53.026	45.696	-69.174	122.200	7.331	PK
7		5855.000	52.126	44.798	-58.674	110.800	7.327	PK
8		5875.000	51.849	44.435	-53.351	105.200	7.414	PK
9		5925.000	52.767	45.467	-15.433	68.200	7.299	PK
10	*	5980.600	56.846	49.503	-11.354	68.200	7.343	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

Site: AC1	Time: 2019/08/07 - 05:07
Limit: FCC_Part15.407_RE(3m)	Engineer: Jason Gao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5630.200	54.205	47.443	-13.995	68.200	6.762	PK
2		5650.000	52.036	45.243	-16.164	68.200	6.793	PK
3		5700.000	54.051	47.142	-51.149	105.200	6.909	PK
4		5720.000	53.550	46.646	-57.250	110.800	6.904	PK
5		5725.000	53.972	47.105	-68.228	122.200	6.867	PK
6		5850.000	52.199	44.869	-70.001	122.200	7.331	PK
7		5855.000	53.397	46.069	-57.403	110.800	7.327	PK
8		5875.000	52.314	44.900	-52.886	105.200	7.414	PK
9		5925.000	52.973	45.673	-15.227	68.200	7.299	PK
10	*	5987.000	57.076	49.680	-11.124	68.200	7.396	PK

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't be fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

7.9. AC Conducted Emissions Measurement

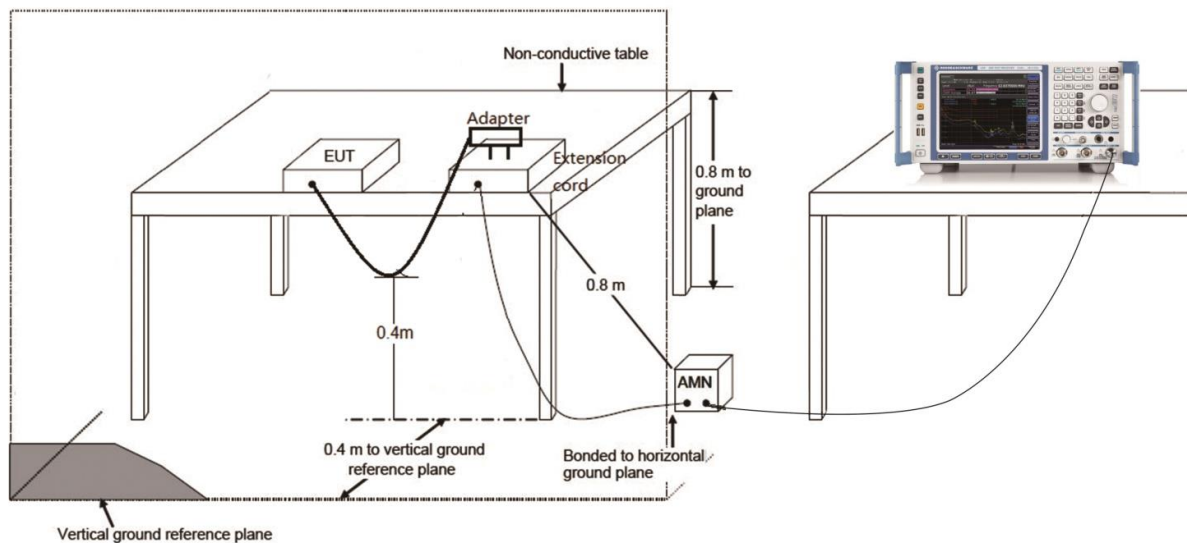
7.9.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	Average (dB μ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

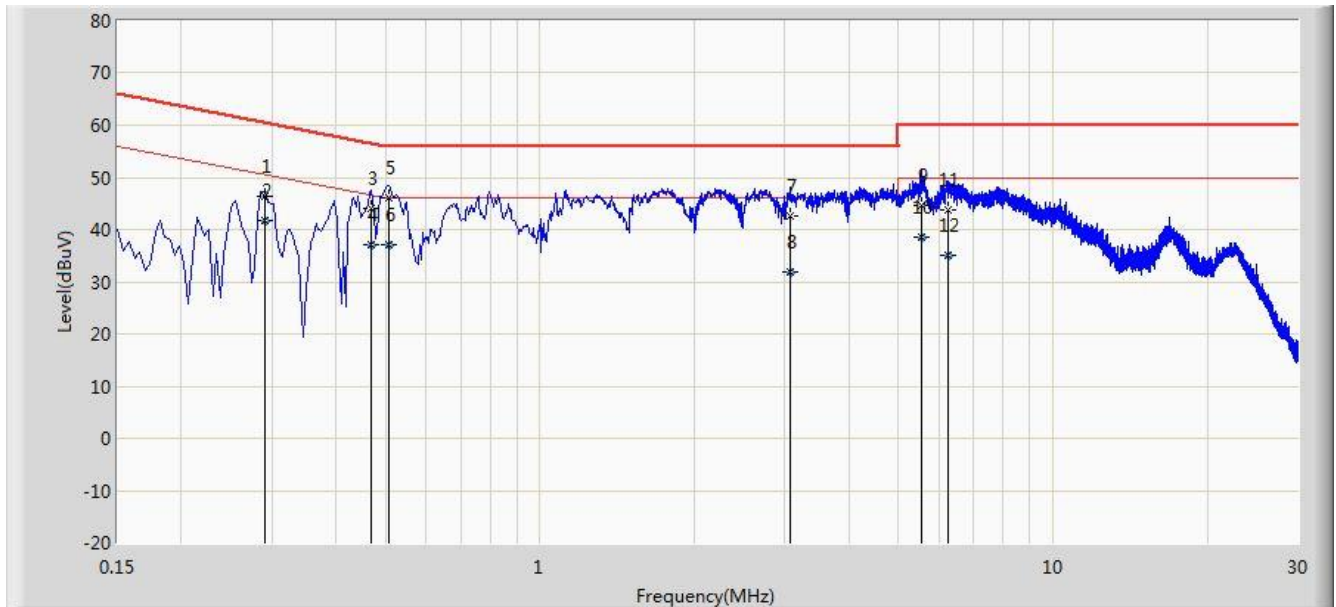
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.9.2. Test Setup



7.9.3.Test Result

Site: SR2	Time: 2019/08/05 - 11:25
Limit: FCC_Part15.207_CE_AC Power	Engineer: Liz Yuan
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz	

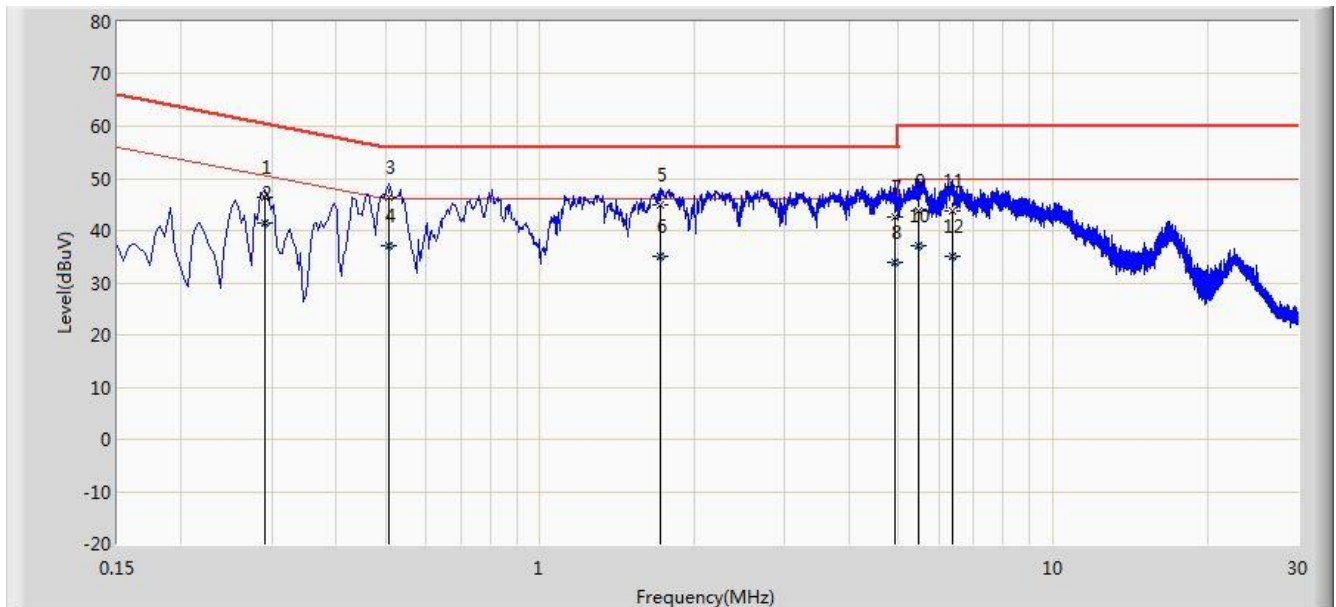


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.290	46.463	36.467	-14.061	60.524	9.996	QP
2		*	0.290	41.809	31.813	-8.715	50.524	9.996	AV
3			0.470	44.052	33.909	-12.462	56.514	10.142	QP
4			0.470	37.187	27.044	-9.327	46.514	10.142	AV
5			0.506	46.088	35.931	-9.912	56.000	10.157	QP
6			0.506	37.159	27.002	-8.841	46.000	10.157	AV
7			3.066	42.530	32.669	-13.470	56.000	9.861	QP
8			3.066	31.934	22.073	-14.066	46.000	9.861	AV
9			5.542	44.578	34.506	-15.422	60.000	10.072	QP
10			5.542	38.687	28.615	-11.313	50.000	10.072	AV
11			6.246	43.702	33.578	-16.298	60.000	10.124	QP
12			6.246	35.214	25.091	-14.786	50.000	10.124	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

Site: SR2	Time: 2019/08/05 - 11:31
Limit: FCC_Part15.207_CE_AC Power	Engineer: Liz Yuan
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Icomera TraXside solution	Power: By POE Injector
Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.290	46.484	36.454	-14.040	60.524	10.030	QP
2			0.290	41.577	31.546	-8.948	50.524	10.030	AV
3			0.506	46.291	36.114	-9.709	56.000	10.177	QP
4		*	0.506	37.145	26.968	-8.855	46.000	10.177	AV
5			1.718	44.907	35.025	-11.093	56.000	9.882	QP
6			1.718	34.930	25.047	-11.070	46.000	9.882	AV
7			4.906	42.475	32.441	-13.525	56.000	10.034	QP
8			4.906	34.038	24.003	-11.962	46.000	10.034	AV
9			5.466	43.681	33.598	-16.319	60.000	10.083	QP
10			5.466	37.165	27.082	-12.835	50.000	10.083	AV
11			6.362	43.838	33.698	-16.162	60.000	10.140	QP
12			6.362	34.943	24.803	-15.057	50.000	10.140	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

8. CONCLUSION

The data collected relate only the item(s) tested and show that the device is in compliance with Part 15E of the FCC Rules.

The End

Appendix A - Test Setup Photograph

Refer to “1906RSU020-UT” file.

Appendix B - EUT Photograph

Refer to “1906RSU020-UE” file.