



Co-location Report

Applicant: The Kroger Co.

Address: 11450, Grooms Road, Blue Ash OH-45242 United States

Application Type: Certification

Product: GEN3Z Camera and WiFi_Wave2_Zigbee Access Point Unit

Model No.: SRG3ACWC

FCC Rule Part(s): Part 15 Subpart C (Section 15.247)
Part15 Subpart E (Section 15.407)

Test Date: January 13 ~ 22, 2019

Reviewed By:

Jame Yuan

(Jame Yuan)

Approved By:

Robin Wu

(Robin Wu)



The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.10-2013. Test results reported herein relate only to the item(s) tested.

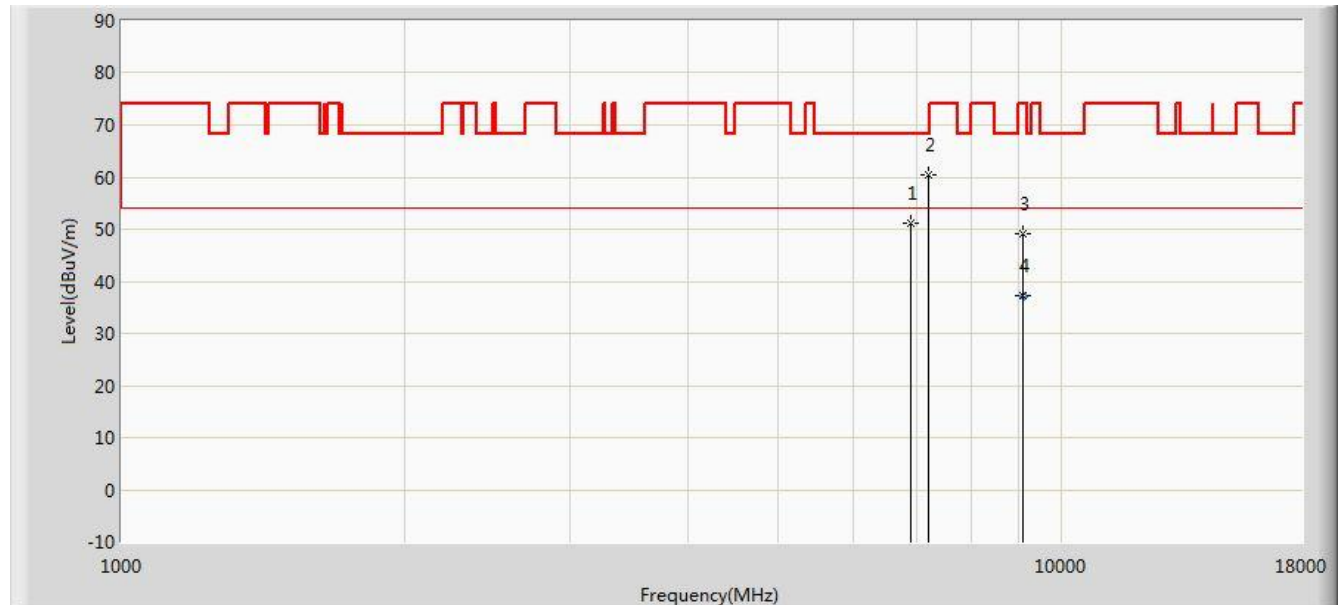
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Revision History

Report No.	Version	Description	Issue Date	Note
1901RSU031-U3	Rev. 01	Initial Report	01-22-2019	Invalid
1901RSU031-U3	Rev. 02	Revised the product model number from SZG3ACWC into SRG3ACWC	03-27-2019	Valid

1. TEST RESULT of Radiated Emissions for Co-located

Test Mode:	2.4GHz Wi-Fi + 2.4GHz BT + 2.4G ZigBee + 5GHz Wi-Fi Transmit	Test Site:	AC1
Test Engineer:	Max Wang	Polarity:	Horizontal
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6907.500	51.222	40.375	-16.978	68.200	10.847	PK
2			7213.500	60.471	47.824	-7.729	68.200	12.647	PK
3			9109.000	49.227	35.486	-24.773	74.000	13.741	PK
4			9109.000	37.271	23.530	-16.729	54.000	13.741	AV

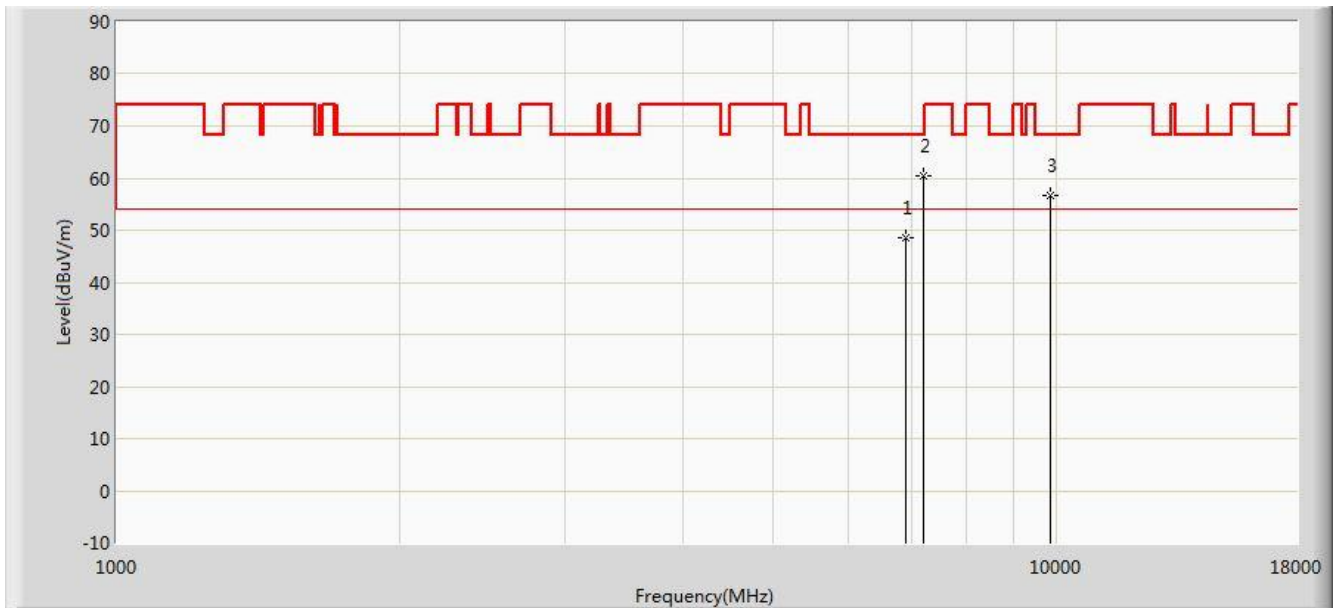
Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the DTS, DSS and UNII reports.

Note 3: 2.4GHz Wi-Fi 802.11b Channel 2412MHz Power setting = 20; 5GHz Wi-Fi 802.11ac-VHT20 Channel 5805MHz Power setting = 20; 2.4GHz Bluetooth module transmitting; Three ZigBee modules transmitting;

Test Mode:	2.4GHz Wi-Fi + 2.4GHz BT + 2.4G ZigBee + 5GHz Wi-Fi Transmit	Test Site:	AC1
Test Engineer:	Max Wang	Polarity:	Vertical
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6907.500	48.562	37.715	-19.638	68.200	10.847	PK
2			7213.500	60.564	47.917	-7.636	68.200	12.647	PK
3			9848.500	56.675	39.990	-11.525	68.200	16.684	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: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the DTS, DSS and UNII reports.

Note 3: 2.4GHz Wi-Fi 802.11b Channel 2412MHz Power setting = 20; 5GHz Wi-Fi 802.11ac-VHT20 Channel 5805MHz Power setting = 20; 2.4GHz Bluetooth module transmitting; Three ZigBee modules transmitting;

The End

Appendix A - Test Setup Photograph

Refer to “1901RSU031-UT” file.

Appendix B - EUT Photograph

Refer to “ 1901RSU031-UE” file.