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Report No.: 1901RSU031-U3
Report Version: V01
Issue Date: 01-22-2019

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.: SZG3ACWC

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)

Approved By:

(Robin Wu)

Revision History

Report No.	Version	Description	Issue Date	Note
1901RSU031-U3	Rev. 01	Initial Report	01-22-2019	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.		
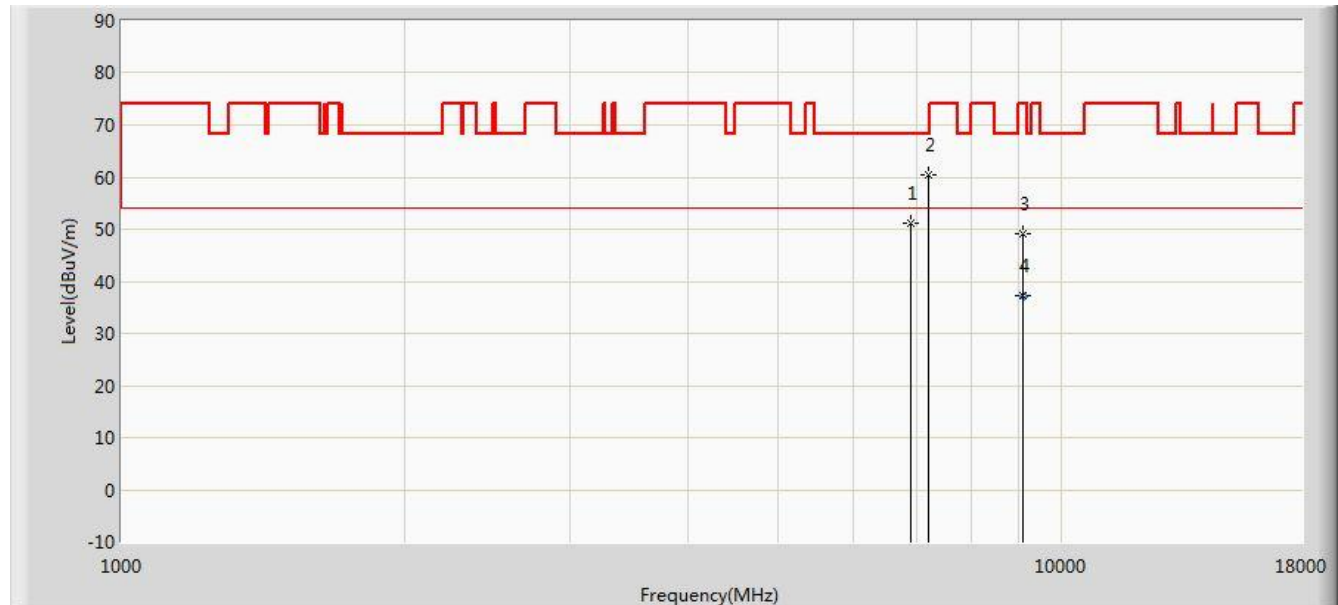
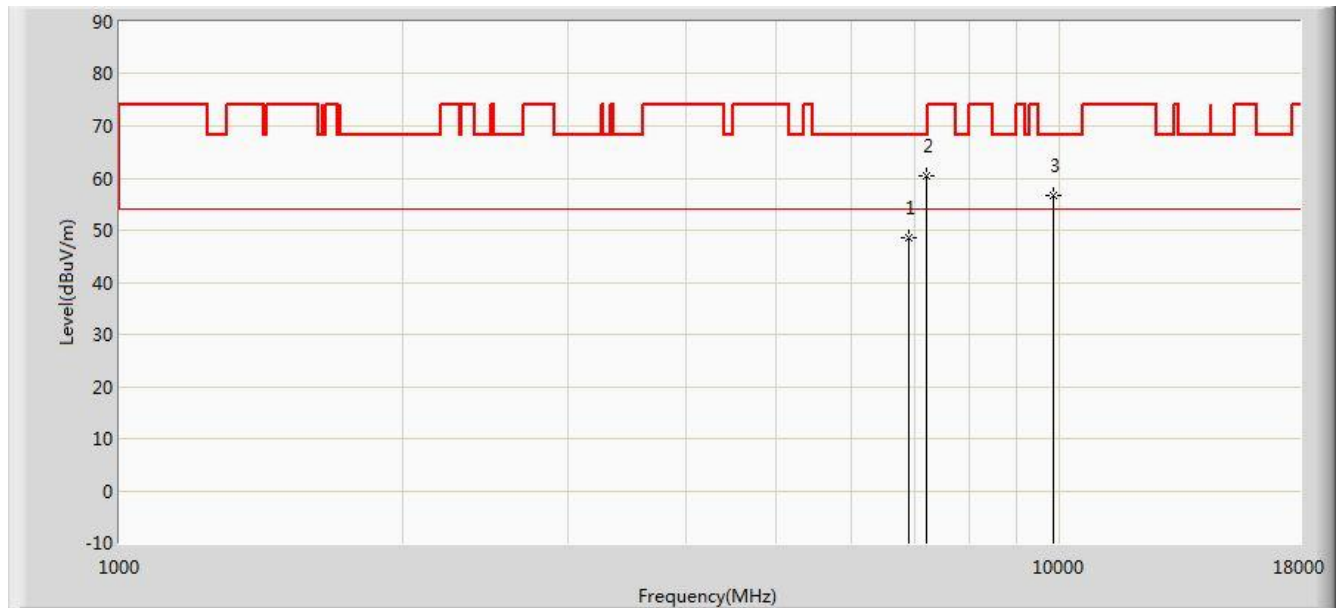| No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6907.500	51.222	40.375	-16.978	68.200	10.847	PK
2			7213.500	60.471	47.824	-7.729	68.200	12.647	PK
3			9109.000	49.227	35.486	-24.773	74.000	13.741	PK
4			9109.000	37.271	23.530	-16.729	54.000	13.741	AV

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