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

## **Co-location Report**

**Applicant:** The Kroger Co.

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

Certification Application Type:

**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

(Jame Yuan) Robin Wu Reviewed By:

Approved By:





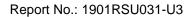
The test results relate only to the samples tested.

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.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou)

FCC ID: PBR-SZG3ACWC

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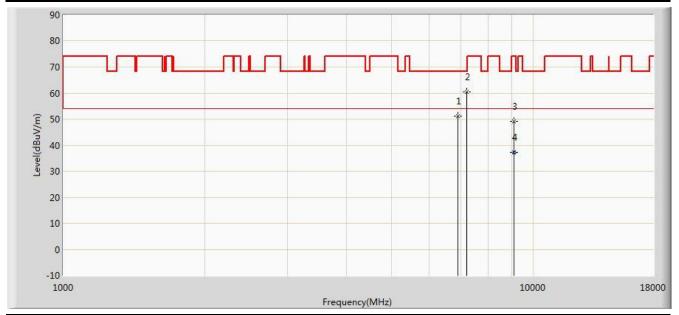
# **Revision History**

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	Test Site:	AC1		
	ZigBee + 5GHz Wi-Fi Transmit				
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	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
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  $(dB\mu V/m)$  = Reading Level  $(dB\mu V)$  + Factor (dB)

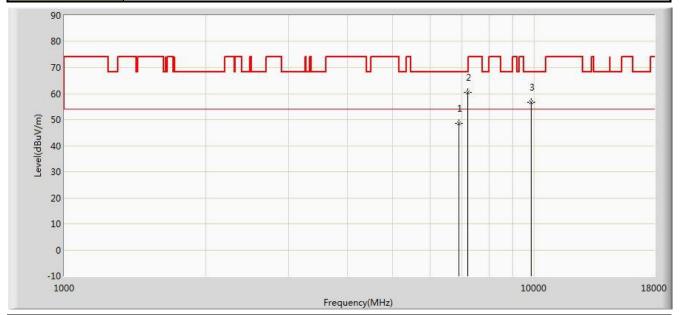
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

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	Test Site:	AC1		
	ZigBee + 5GHz Wi-Fi Transmit				
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	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
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

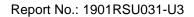
Note 1: Measure Level  $(dB\mu V/m)$  = Reading Level  $(dB\mu V)$  + Factor (dB)

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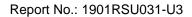
The End	





### Appendix A - Test Setup Photograph

Refer to "1901RSU031-UT" file.





### Appendix B - EUT Photograph

Refer to "1901RSU031-UE" file.