FCC Test Report

Product Name	Remote Control
Model No.	RC-A01
FCC ID	Q3V-RC-A01

Applicant	Nien Made Enterprise Co., Ltd.
Address	23F1, No. 98, Shizheng N. 7th Rd., Xitun Dist.,
	Taichung City 407, Taiwan (R.O.C.)

Date of Receipt	May 26, 2022
Issued Date	Oct. 31, 2022
Report No.	2250821R-RFUSOTHV06-A
Report Version	V1.0



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.

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The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.

Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.



Test Report

Issued Date: Oct. 31, 2022 Report No.: 2250821R-RFUSOTHV06-A



Product Name	Remote Control					
Applicant	Nien Made Enterprise Co., Ltd.					
Address	3F1, No. 98, Shizheng N. 7th Rd., Xitun Dist., Taichung City 407, Taiwan					
	(R.O.C.)					
Manufacturer	BRICKCOM CORPORATION					
Model No.	RC-A01					
FCC ID	Q3V-RC-A01					
EUT Rated Voltage	DC 3V (Power by battery)					
EUT Test Voltage	DC 3V (Power by battery)					
Applicable Standard	FCC CFR Title 47 Part 15 Subpart C					
	ANSI C63.4: 2014, ANSI C63.10: 2013					
Test Result	Complied					
Documented By	Ida Tung					
	(Project Specialist / Ida Tung)					
Tested By	Ivan Chuang					
	(Senior Engineer / Ivan Chuang)					
Approved By	San Chen					
	(Senior Engineer / Alan Chen)					



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Revision History

Report No.	Version	Description	Issued Date
2250821R-RFUSOTHV06-A	V1.0	Initial issue of report.	Oct. 31, 2022



1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Remote Control
Model No.	RC-A01
FCC ID	Q3V-RC-A01
Frequency Range	2415MHz-2459MHz
Channel Number	3CH
Type of Modulation	GFSK
Antenna Type	PCB Antenna
Antenna Gain	Refer to the table "Antenna List"
Channel Control	Auto

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	Brickcom	BKM-RC-ANT	PCB Antenna	2.94dBi for 2.4GHz

Note: The antenna of EUT is conform to FCC 15.203.

Center Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 15:	2415 MHz	Channel 39:	2439 MHz	Channel 59:	2459 MHz

Note:

- 1. The EUT is a Remote Control with a built-in 2.4G wireless transmitter.
- 2. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
- 3. The radiation measurements are performed in X, Y, Z axis positioning. Only the worst case is shown in the report.
- 4. These tests are conducted on a sample of the equipment for the purpose of demonstrating compliance of transmitter with Part 15 Subpart C Paragraph 15.249 for spread spectrum devices.

Test Mode	Mode 1: Transmit
	Mode 2: Normal mode

1.2. Tested System Datails

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product	Manufacturer	Model No.		Serial No.		Power Cord
N/A						
Signal Cable Type	Manufacture	r	Model No.	,	Signa	al cable Description
N/A						

1.3. Configuration of Test System



1.4. EUT Exercise Software

- (1) Setup the EUT as shown in Section 1.3.
- (2) Provide the DC Power Source.
- (3) Start the continuous transmit.
- (4) Verify that the EUT works properly.

1.5. Test Facility

Ambient conditions in the laboratory:

Performed Item	Items	Required	Actual
Radiated Emission	Temperature (°C)	10~40 °C	24.3 °C
	Humidity (%RH)	10~90 %	59.1 %

USA	USA : FCC Registration Number: TW0033						
Canada	: (CAB I	dent	ifier Number: TW3023 / Company Number: 26930			
Site Descr	iptior	l	:	Accredited by TAF			
				Accredited Number: 3023			
Test Labor	atory		:	DEKRA Testing and Certification Co., Ltd			
Address			:	No. 5-22, Ruishukeng Linkou District, New Taipei City, 24451, Taiwan			
Performed	Loca	tion	:	No. 26, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan,			
				R.O.C.			
Phone nun	nber		:	+886-3-275-7255			
Fax number	er		:	+886-3-327-8031			
Email add	ress		:	<u>info.tw@dekra.com</u>			
Website			:	http://www.dekra.com.tw			

1.6. List of Test Equipment

For Conduction measurements /HY-SR01

Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due Date
EMI Test Receiver	R&S	ESR7	101601	2021/06/19	2022/06/18
Two-Line V-Network	R&S	ENV216	101306	2022/05/23	2023/05/22
Two-Line V-Network	R&S	ENV216	101307	2022/05/04	2023/05/03
Coaxial Cable	SUHNER	RG400_BNC	RF001	2021/05/24	2022/05/23

Note:

1. All equipments are calibrated every one year.

2. The test instruments marked with "X" are used to measure the final test results.

3. Test Software version : E3 210616 dekra V9.

For Conducted measurements /HY-SR02

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due Date
Х	Spectrum Analyzer	R&S	FSV40	101149	2022/03/25	2023/03/24
	Peak Power Analyzer	KEYSIGHT	8900B	MY51000539	2021/06/07	2022/06/06
	Power Sensor	KEYSIGHT	N1923A	MY59240002	2021/05/17	2022/05/16
	Power Sensor	KEYSIGHT	N1923A	MY59240003	2021/05/17	2022/05/16

Note:

1. All equipments are calibrated every one year.

2. The test instruments marked with "X" are used to measure the final test results.

3. Test Software version : RF Conducted Test Tools R3 V3.0.1.19.

For Radiated measurements /HY-CB03

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due Date
	Loop Antenna	AMETEK	HLA6121	49611	2022/03/18	2023/03/17
Х	Bi-Log Antenna	SCHWARZBECK	VULB9168	9168-675	2021/08/11	2022/08/10
Х	Horn Antenna	ETS-Lindgren	3117	00227700	2021/10/12	2022/10/11
Х	Horn Antenna	Com-Power	AH-840	101100	2021/10/04	2022/10/03
Х	Pre-Amplifier	SGH	0301	20211007-10	2022/02/22	2023/02/21
Х	Pre-Amplifier	SGH	PRAMP118	20200202	2022/03/23	2023/03/22
Х	Pre-Amplifier	EMCI	EMC05820SE	980310	2021/07/07	2022/07/06
	Pre-Amplifier	EMCI	EMC184045SE	980369		
	Coaxial Cable	EMCI	EMC102-KM-KM-600	1160314	2022/05/12	2023/05/11
	Coaxial Cable	EMCI	EMC102-KM-KM-7000	170242		
Х	Filter	MICRO TRONICS	BRM50702	G251	2021/09/16	2022/09/15
	Filter	MICRO TRONICS	BRM50716	G188	2021/09/16	2022/09/15
Х	EMI Test Receiver	R&S	ESR	102793	2021/12/15	2022/12/14
Х	Spectrum Analyzer	R&S	FSV3044	101114	2022/02/11	2023/02/10
	Coaxial Cable	SGH	SGH18	2021005-3		
v	Coaxial Cable	SGH	SGH18	202108-4	2022/01/05	2022/01/04
Χ	Coaxial Cable	SGH	SGH18	202110223-1	2022/01/05	2023/01/04
	Coaxial Cable	SGH	HA800	GD20110222-3		

Note:

1. All equipments are calibrated every one year.

2. The test instruments marked with "X" are used to measure the final test results.

3. Test Software version : E3 210616 dekra V9.

1.7. Uncertainty

Uncertainties have been calculated according to the DEKRA internal document.

The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Test item	Uncertainty		
Conducted Emission	±3.42 dB		
Radiated Emission	Under 1GHz	Above 1GHz	
	±4.06 dB	±3.73 dB	
Band Edge	Under 1GHz	Above 1GHz	
Dana Lage	±4.06 dB	±3.73 dB	
Duty Cycle ±2.31 ms			



2. Conducted Emission

2.1. Test Setup



2.2. Limits

FCC Part 15 Subpart C Paragraph 15.207 (dBµV) Limit						
Frequency	Limits					
MHz	QP	AV				
0.15 - 0.50	66-56	56-46				
0.50-5.0	56	46				
5.0 - 30	60	50				

Remarks: In the above table, the tighter limit applies at the band edges.

2.3. Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm /50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4: 2014 on conducted measurement.

Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.



2.4. Test Result of Conducted Emission

Owing to the EUT use DC battery, this test item is not performed.



3. Radiated Emission

3.1. Test Setup



3.2. Limits

FCC Part 15 Subpart C Paragraph 15.249 Limits								
Frequency	Field Strength	of Fundamental	Field Strength	Field Strength of Harmonics				
MHz	(mV/m @3m)	V/m @3m) (dBµV /m		$(dB\mu V/m$				
		@3m)		@3m)				
902-928	50	94	500	54				
2400-2483.5	50	94	500	54				
5725-5875	50	94	500	54				
24000-24250	250	108	2500	68				

> Fundamental and Harmonics Emission Limits

Remarks : 1. RF Voltage $(dB\mu V /m) = 20 \log RF$ Voltage (uV/m)

2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

General Radiated Emission Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209(a) Limits							
Frequency MHz	Field strength	Measurement distance					
	(microvolts/meter)	(meter)					
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					

Remarks: E field strength $(dB\mu V/m) = 20 \log E$ field strength (uV/m)

3.3. Test Procedure

The EUT was setup according to ANSI C63.10, 2013 and tested compliance to FCC 47CFR 15.249 requirements.

Measuring the frequency range below 1GHz, the EUT is placed on a turn table which is 0.8 meter above ground, when measuring the frequency range above 1GHz, the EUT is placed on a turn table which is 1.5 meter above ground.

The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters. The antenna is scanned between 1 meter and 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the

maximum emission, all of the interface cables were manipulated according to ANSI C63.10: 2013 on radiated measurement.

The resolution bandwidth below 30MHz setting on the field strength meter is 9kHz and 30MHz~1GHz is 120kHz and above 1GHz is 1MHz.

Radiated emission measurements below 30MHz are made using Loop Antenna and 30MHz~1GHz are made using broadband Bilog antenna and above 1GHz are made using Horn Antennas.

The measurement is divided into the Preliminary Measurement and the Final Measurement. The suspected frequencies are searched for in Preliminary Measurement with the measurement antenna kept pointed at the source of the emission both in azimuth and elevation, with the polarization of the antenna oriented for maximum response. The antenna is pointed at an angle towards the source of the emission, and the EUT is rotated in both height and polarization to maximize the measured emission. The emission is kept within the illumination area of the 3 dB bandwidth of the antenna.

The measurement frequency range form 9kHz - 10th Harmonic of fundamental was investigated.



3.4. Test Result of Radiated Emission





No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2415.000	94.78	113.97	-19.19	81.79	12.99	Peak
2	2439.000	94.49	113.97	-19.48	81.47	13.02	Peak
3	2459.000	93.57	113.97	-20.40	80.53	13.04	Peak

Note:

- 1. Level = Read Level + Factor
- 2. Factor = Antenna Factor + Cable Loss Preamp Factor
- 3. Over Limit = Level Limit Line

Frequency (MHz)	Peak Measurement (dBµV/m)	Duty Cycle Factor (dB)	Average Measurement (dBµV/m)	Margin (dB)	Average Limit (dBµV/m)
2415	94.78	-40.800	53.980	-39.990	93.970
2439	94.49	-40.800	53.690	-40.280	93.970
2459	93.57	-40.800	52.770	-41.200	93.970

Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor







MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
2415.000	90.29	113.97	-23.68	77.30	12.99	Peak
2439.000	91.22	113.97	-22.75	78.20	13.02	Peak
2459.000	89.95	113.97	-24.02	76.91	13.04	Peak
	MHz 2415.000 2439.000 2459.000	MHz dBuV/m 2415.000 90.29 2439.000 91.22 2459.000 89.95	MHz dBuV/m dBuV/m 2415.000 90.29 113.97 2439.000 91.22 113.97 2459.000 89.95 113.97	MHz dBuV/m dBuV/m dB 2415.000 90.29 113.97 -23.68 2439.000 91.22 113.97 -22.75 2459.000 89.95 113.97 -24.02	MHz dBuV/m dBuV/m dB dBuV 2415.000 90.29 113.97 -23.68 77.30 2439.000 91.22 113.97 -22.75 78.20 2459.000 89.95 113.97 -24.02 76.91	MHz dBuV/m dBuV/m dB dBuV dB 2415.000 90.29 113.97 -23.68 77.30 12.99 2439.000 91.22 113.97 -22.75 78.20 13.02 2459.000 89.95 113.97 -24.02 76.91 13.04

Note:

1. Level = Read Level + Factor

2. Factor = Antenna Factor + Cable Loss - Preamp Factor

3. Over Limit = Level - Limit Line

Frequency (MHz)	Peak Measurement (dBµV/m)	Duty Cycle Factor (dB)	Average Measurement (dBµV/m)	Margin (dB)	Average Limit (dBµV/m)
2415	90.29	-40.800	49.490	-44.480	93.970
2439	91.22	-40.800	50.420	-43.550	93.970
2459	89.95	-40.800	49.150	-44.820	93.970

Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor



Site :HY-CB03 Condition :3m ,Horizontal Mode :TX_Wirless_Y Test BY :Jing Chang



Note:

1. Level = Read Level + Factor

2. Factor = Antenna Factor + Cable Loss - Preamp Factor

3. Over Limit = Level - Limit Line

Frequency (MHz)	Peak Measurement (dBµV/m)	Duty Cycle Factor (dB)	Average Measurement (dBµV/m)	Margin (dB)	Average Limit (dBµV/m)
2415	84.25	-40.800	43.450	-50.520	93.970
2439	84.47	-40.800	43.670	-50.300	93.970
2459	84.04	-40.800	43.240	-50.730	93.970

Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor



Site :HY-CB03 Condition :3m ,Vertical Mode :TX_Wirless_Y Test BY :Jing Chang



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2415.000	95.54	113.97	-18.43	82.55	12.99	Peak
2	2439.000	95.18	113.97	-18.79	82.16	13.02	Peak
3	2459.000	94.84	113.97	-19.13	81.80	13.04	Peak

Note:

- 1. Level = Read Level + Factor
- 2. Factor = Antenna Factor + Cable Loss Preamp Factor
- 3. Over Limit = Level Limit Line

Frequency (MHz)	Peak Measurement (dBµV/m)	Duty Cycle Factor (dB)	Average Measurement (dBµV/m)	Margin (dB)	Average Limit (dBµV/m)
2415	95.54	-40.800	54.740	-39.230	93.970
2439	95.18	-40.800	54.380	-39.590	93.970
2459	94.84	-40.800	54.040	-39.930	93.970

Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor



Site :HY-CB03 Condition :3m ,Horizontal Mode :TX_Wirless_Z Test BY :Jing Chang



Note:

1. Level = Read Level + Factor

2. Factor = Antenna Factor + Cable Loss - Preamp Factor

3. Over Limit = Level - Limit Line

Frequency (MHz)	Peak Measurement (dBµV/m)	Duty Cycle Factor (dB)	Average Measurement (dBµV/m)	Margin (dB)	Average Limit (dBµV/m)
2415	95.34	-40.800	54.540	-39.430	93.970
2439	95.09	-40.800	54.290	-39.680	93.970
2459	95.65	-40.800	54.850	-39.120	93.970

Note:

- 1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
- 2. The Duty Cycle is refer to section 5.



Site	:HY-CB03
Condition	:3m ,Vertical
Mode	:TX_Wirless_Z
Test BY	:Jing Chang



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2415.000	92.87	113.97	-21.10	79.88	12.99	Peak
2	2439.000	91.78	113.97	-22.19	78.76	13.02	Peak
3	2459.000	92.06	113.97	-21.91	79.02	13.04	Peak

Note:

1. Level = Read Level + Factor

2. Factor = Antenna Factor + Cable Loss - Preamp Factor

3. Over Limit = Level - Limit Line

Frequency (MHz)	Peak Measurement (dBµV/m)	Duty Cycle Factor (dB)	Average Measurement (dBµV/m)	Margin (dB)	Average Limit (dBµV/m)
2415	92.87	-40.800	52.070	-41.900	93.970
2439	91.78	-40.800	50.980	-42.990	93.970
2459	92.06	-40.800	51.260	-42.710	93.970

Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor











4. Band Edge

4.1. Test Setup

RF Radiated Measurement:



4.2. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209(a) Limits				
Frequency	Field strength	Measurement distance		
MHz	(microvolts/meter)	(meter)		
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		

Remarks: E field strength $(dB\mu V / m) = 20 \log E$ field strength (uV/m)

4.3. Test Procedure

The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

The bandwidth setting below 1GHz and above 1GHz on the field strength meter is 120 kHz and 1MHz, respectively.



4.4. Test Result of Band Edge

Site	:HY-CB03			
Condition	:3m	,Horizontal		
Mode	:TX_24	415MHz		
Test BY	:Jing	Chang		



1	2366.800	46.39	74.00	-27.61	33.59	12.80	Peak
2	2400.000	43.55	74.00	-30.45	30.58	12.97	Peak
3	2414.800	95.23			82.24	12.99	Peak

Note:

- 1. Level = Read Level + Factor
- 2. Factor = Antenna Factor + Cable Loss Preamp Factor
- 3. Over Limit = Level Limit Line

Frequency	Peak Measurement	Duty Cycle Factor	Average Measurement	Margin (dB)	Average Limit (dBµV/m)	Result
(MHZ)	$(dB\mu V/m)$	(dB)	(dBµV/m)			
2366.8	46.39	-40.800	5.590	-48.410	54.000	Pass
2400	43.55	-40.800	2.750	-51.250	54.000	Pass
2414.8	95.23	-40.800	54.430			Pass

Note:

1. Average Measurement=Peak Measurement + Duty Cycle Factor



Site	:HY-CB03
Condition	:3m ,Vertical
Mode	:TX_2415MHz
Test BY	:Jing Chang



Note:

1. Level = Read Level + Factor

2. Factor = Antenna Factor + Cable Loss - Preamp Factor

3. Over Limit = Level - Limit Line

Frequency (MHz)	Peak Measurement (dBµV/m)	Duty Cycle Factor (dB)	Average Measurement (dBµV/m)	Margin (dB)	Average Limit (dBµV/m)	Result
2385.8	44.85	-40.800	4.050	-49.950	54.000	Pass
2400	42.51	-40.800	1.710	-52.290	54.000	Pass
2414.8	92.78	-40.800	51.980			Pass

Note:

- 1. Average Measurement=Peak Measurement + Duty Cycle Factor
- 2. The Duty Cycle is refer to section 5.







Note:

1. Level = Read Level + Factor

2. Factor = Antenna Factor + Cable Loss - Preamp Factor

3. Over Limit = Level - Limit Line

Frequency (MHz)	Peak Measurement (dBµV/m)	Duty Cycle Factor (dB)	Average Measurement (dBµV/m)	Margin (dB)	Average Limit (dBµV/m)	Result
2459	95.60	-40.800	54.800			Pass
2491.2	46.55	-40.800	5.750	-48.250	54.000	Pass

Note:

1. Average Measurement=Peak Measurement + Duty Cycle Factor



Site :HY-CB03 Condition :3m ,Vertical Mode :TX_2459MHz Test BY :Jing Chang



Note:

1. Level = Read Level + Factor

2. Factor = Antenna Factor + Cable Loss - Preamp Factor

3. Over Limit = Level - Limit Line

Frequency (MHz)	Peak Measurement (dBµV/m)	Duty Cycle Factor (dB)	Average Measurement (dBµV/m)	Margin (dB)	Average Limit (dBµV/m)	Result
2459	91.92	-40.800	51.120			Pass
2490.8	44.65	-40.800	3.850	-50.150	54.000	Pass

Note:

1. Average Measurement=Peak Measurement + Duty Cycle Factor



5. Duty Cycle

5.1. Test Setup





5.2. Test Result of Duty Cycle

Product	:	Remote Control
Test Item	:	Duty Cycle Data
Test Mode	:	Mode 2: Normal mode

Ref Level 100.00 (IBµV	= RBW 10	MHz						5
Att 0 dB	SWT 100 ms = VBW 10	MHz	_		_			106.00
zero span		1						THE CO
00 dBµV				_				-
0 dBpV								
0 dBµV			1				-	-
				1.1.1.1		1.1.1.1	1	
Vu8b 0								-
0.0800							1	
							N	
0.090								
0.49.0					1000		0.000	
agent war war war with	we deschool and an an an and the	gud Auguran Station and	Aman fall man	Anorthe War	Mariphaniants	energy and the providence of t	1 hold Autor Hallow	nd glotherest work
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9:10:45 13.06.202	2							4
9:10:45 13.06.202 AutriView - Speer	2 Fuith							
Autil/iew - Speer Ref Level 100.00 dBµV Att 0 dB -	2 * RBW 10 M \$ SWT 1 ms = VBW 10 M	Hz Hz						S
1:10:45 13.06.202 Autit/View Societ Ref Level 100.00 dBµV Att 0 dB = Zero Span	2 * R6W 10 M SWT 1 ms * V6W 10 M	Hz Hz					_	S 1Pk Cir
1:10:45 13.06.202 AuttiViaw = Secce Ref Level 100.00 dB ₄ V Att 0 dB = Zero Span	2 = RSW 10.44 SWT 1 ms = VSW 10.44	He He						5 1Pk Cir D2(1) -0.02
1:10:45 13.06.202	2 * RSW 10 AA \$ SWT 1 ms * VBW 10 M	He He						5 1Pk Crr D2[1] -0.02 304.000 M1[1] 79.15 et
1:10:45 13.06.202 AutiView - See Ref Level 100.00 dByV Art 0 dB = Zero Span D0 dByV	2 = R5W 10 M SWT 1 ms = V5W 10 M	Hz Hz						5 1Pk Ctr D2[1] -0.02 304.000 M1[1] 79.15 dl 246.000
13.06.282 AultiViaw Ref Level 100.00 dBµV Att 0.08 = Zero Span 00 dBµV 00 dBµV	2 * RSW 10 M SWT 1 ms * VSW 10 M	Nz Hz						5 1Pk Cir D2[1] -0.02 304.000 M1[1] 79.15 df 246.000
10:45 13.06.282	2 ** RSW 10.04 SWT 1 ms * VBW 10.04 Mi	Hz Hz		10				5 19k Cirr D2[1] -0.02 304,000 M1[1] 79.15 dd 246,000
10:45 13.06.282	2 * RSW 10.04 * SWT 1 ms * VBW 10.04 Mi	Hz Hz						5 1916 CU D2[1] -0.02 306.000 M1[1] 79.15 eE 246.000
13.06.282 NultiViaw Reflexed 100.00 dBµV 0 dBµV 0 dBµV 0 dBµV 0 dBµV	2 Turno = REW 10 AA SWT 1 ms = VBW 10 M	He.						5 19k Gir D2(1) -002 304,000 M1(1) 79.15 at 246,000
13.06.282 NultiViaw Ref Level 100.00 dBµV Att 0.08 P 20 dBµV 0.08 BµV 0.08 BµV	2 = RSW 10 M SWT 1 ms = VSW 10 M M1							5 1Pk Ctr D2(1) -0.00 304.000 M1(1) 79.15 at 246.000
13.06.282 AultiV/awy Ref Level 100.00 dBµV Att 0 dBµV	2 TAUTO = REW 10 AM SWT 1 ms = VBW 10 AM M3 M3							5 1Pk Cin 02(1) -0.02 306.000 M1(1) 79.15 dt 286.000
13.06.202 AuttiView Ref Level 100.00 dBµV Att 0 dBµV	2 THITO = REW 10 AA SWT 1 ms = VEW 10 AA 							5 1Pk (cir D2[1] -002 364.000 M1[1] 79.15 df 226.000
:10:45 13.06.282 Nulti(View Spece Ref Level 100.00 dBµV Att 0 dBµV 00 dBµV 0 dBµV	2 ** RSW 10.04 * SWT 1 ms * VBW 10.04 ** SWT 1 ms * VBW 10.04 ** SWT 1 ms ** VBW 10.04							5 11% CB D2(1) -0.02 304.000 M1(1)781.51 246.000
13.06.282 NultiViaw Ref Level 10.00 dBµV 0 dBµV	2 ** R5W 10 AM ** SWT 1 ms ** V5W 10 AM ** SWT 1 ms ** V5W 10 AM ************************************			_52				5 1Pk Cm D2[1] -0.02 304,000 M1[1] 72,15 d 246,000
13.06.282 NultiViaw Ref Level 100.00 dBµV Att 0.08 = Zero Span 0.08 µV	2 * RBW 10 M SWT 1 ms * VBW 10 M							5 1Pk Ctt D2(1) -0.02 304,000 M1(1)79,151 eff 246,000
13.06.282 NultiViaw Ref Level 100.00 dBµV Att 0 dBµV	2 TUED - REW 10 AA SWT 1 ms = VBW 10 AA 				an management			5 5 19k Cit 02(1) - 0.02 304.000 M1(1) 79.15 at 2 246.000
13.06.202 AutiV/aw Ref Level 100.00 dBµV Att 0 dBµV 0 dBµV 0 dBµV	2 TUTO = REW 10 AA SWT 1 ms = VEW 10 AA M1 M1 M1 M1 M1			 	ar where	6/10-10-10-10-10-10-10-10-10-10-10-10-10-1		5 19k Cm 22(1) -0.02 306.000 M1(1) 79.15 dt 2285.000
13.06.202 AutiViaw Reflexel 100.00 dB ₀ V 0 dB ₀ V	2 THIS = REW 10.04 SWT 1 ms = VEW 10 M Mi Mi Mi			 	ar where a	of frequencies		5 11% Cm D2(1) -0.02 304.000 1245.000 245.000
9:10:45 13.06.202 AutiV/may >>>>>>>>>>>>>>>>>>>>>>>>>>>>	2 = RSW 10 AA = RSW 10 AA SWT 1 ms = VSW 10 AA M0 M0 				ar start	6///10/16		5 194 Gri D2(1) -0.02 304.000 17(7) 51.50 246.000
13.06.282 AutiView Ref Level 100.00 dBµV Aut 0 dBµV	2 TNUTD = REW 10 AM SWT 1 ms = VEW 10 AM MS				WWWWWWW		ninger auf light of the light o	5/ 1/2 cm 2217 - 0.02 304,000 M11(17) 751.54 246,000 M11(17) 751.54 246,000 M11(17) 751.54 M11(17) 751.54 M111(17) 751.54
13.06.282 NultiViaw Ref Level 100.00 dBµV Att 0 dBµV	2 TUID: = REW 10 AA SWT 1 ms = VBW 10 AA 			 	ar starter and a s	01/10-07-01-01-01-01-01-01-01-01-01-01-01-01-01-		5 1Pk CH D2(1) 0.02 304,000 236,000 246,000 1 1 1 1 1 1 1 1 1 1 1 1 1

 Time on of 100ms= 0.304us*3= 0.912ms

 Duty Cycle=0.912ms / 100ms= 0.00912

 Duty Cycle correction factor= 20 LOG 0.00912= -40.800 dB

 Duty Cycle correction factor

 -40.800 dB



6. EMI Reduction Method During Compliance Testing

No modification was made during testing.