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CONFORMANCE TEST REPORT

FOR

Subpart C Part 15.231

Report No.: JNDL-NU-16R-0002

Client: Getron System Co., Inc Product: Wireless Control System

Model: RF-60MP

Manufacture/supplier: Getron System Co., Inc

Date test item received: 2016/02/24
Date test campaign completed: 2016/03/30
Date of issue: 2016/04/04

ATTESTATION STAEMENT

This equipment has been tested in accordance with the standards identified in the referenced test report. To the best of my knowledge and belief, these tests were performed using the measurement procedures described in this report and demonstrate that the equipment complies with the appropriate standards.

All **JNDL Laboratory. CO., LTD** instrumentation and accessories used to test products for compliance to the indicated standards are calibrated regularly in accordance with ISO 17025 requirements.

Total number of pages of this test report: 26 pages

Test engineer	Report reviewed by
mos.	ide
Seok-Hee Han	Byoung-Su Shim



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REPORT SUMMARY

Purpose of Test:	To demonstrate the EUT in compliance with Part 15.231 Subpart C of the FCC's
Disclaimer :	The test results relate only to the items tested.
Applicable Standards:	Pt 15.231, Pt 15.209, ANSI 63.4:2009

TEST ENVIRONMENT AND TEST SETUP

Test Facilities :	Test Firm Registration #: 748649 3m & 10m Open Site: 386-1, Ho-dong, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea 3m semi-Anechoic chamber: B 114~115, 810 Kwanyang-Dong, dongan-Gu, Anyang-Si, Kyunggi-Do, 431-060, Korea
Laboratory Test Conditions :	Open Site: Temperature 12 °C, Humidity: 40 % 3m anechoic chamber: Temperature 25 °C, Humidity: 51 %
Test Exercise :	The EUT was set in continuous transmit mode of operation unless stated otherwise.
Modification to the EUT:	No moidification was made.
Supporting Accessories :	None

REVISION HISTORY

Revison	Date	Desriptions
0	2016. 04. 04	Original release

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Table of Contents

1. General Remarks	4
2. Test Site	4
2.1 Location	4
2.2 List of Test equipment used for tests	4
2.3 Test Date	4
3. Description of the Equipment Under Test	5
3.1 Manufacturers declarations	5
3.2 Information about EUT	6
4. List of Measurements	
5. Transmitter radiated emissions setup	8
6. Power Line Conducted Emissions	
7. Antenna Requirment	
8. Periodic Operation	
9. Occupied Bandwidth	
10. Spurious Radiated Emissions	
11. Duty Cycle Correction Factor	



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1. General Remarks

The test results in this report apply to the particular Equipment Under Test (EUT) as declared in this report. The test results presented in this report relate only to the item tested.

2. Test Site

2.1 Location

JNDL Laboratory. CO., LTD. .(Test Firm Registration # : 748649)

3m anechoic chamber : B 114~115, 810 Kwanyang-Dong, dongan-Gu, Anyang-Si, Kyunggi-Do, Korea 3m & 10m Open site : 386-1, Ho-dong, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea

2.2 List of Test equipment used for tests

<u> </u>	2.2 List of Test equipment used for tests					
No.	Instrument	Model No.	Due to Calibration	Manufactor	Serial No.	
	PSA SPECTRUM ANALYZER (3 Hz ~ 26.5 GHz)	E4440A	2017-01-02	Agilent Technologies	MY46185375	
	SIGNAL GENERATOR (10 MHz ~ 40 GHz)	MG3694B	2016-09-08	Anritsu Corp	062513	
\boxtimes	POWER METER (DC ~ 67 GHz)	NRP2	2016-09-02	Rohde & Schwarz	100973	
\boxtimes	POWER SENSOR (50 MHz ~ 40 GHz)	NRP-Z85	2016-09-02	Rohde & Schwarz	101121	
\boxtimes	POWER SENSOR (9 KHz ~ 6 GHz)	NRP-Z92	2016-09-02	Rohde & Schwarz	100093	
\boxtimes	EMI TEST RECEIVER (9 KHz ~ 7 GHz)	ESCI7	2016-09-01	Rohde & Schwarz	100933	
\boxtimes	EMI TEST RECEIVER (20 MHz ~ 1000 MHz)	ESVS30	2016-09-01	Rohde & Schwarz	828525/005	
\boxtimes	EMI TEST RECEIVER (9 KHz ~ 2700 MHz)	PMM 9010	2016-09-14	Narda S.T.S/PMM	697WW40306	
\boxtimes	2-LINE V-NETWORK	ENV216	2016-09-02	Rohde & Schwarz	101456	
\boxtimes	2-LINE V-NETWORK	ENV216	2016-09-02	Rohde & Schwarz	101457	
	BILOG ANTENNA (30 MHz ~ 1000 MHz)	VULB 9168	2016-10-23	Schwarzbeck	9168-506	
\boxtimes	HORN ANTENNA (1 GHz ~ 18 GHz)	BBHA 9120D	2018-03-11	Schwarzbeck	568	
\boxtimes	Low Noise Amplifier (1 GHz ~ 6 GHz)	TK-PA6S	2016-09-02	TESTEK	140001	

→ All equipment is calibrated with traceable calibrations.

Each calibration is traceable to the national or international standards.

2.3 Test Date

Date of Application: 2016 - 03 - 10

Date of Test: $2016 - 03 - 12 \sim 2016 - 03 - 30$



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3. Description of the Equipment Under Test

3.1 Manufacturers declarations

Manufacturer:	Getron System Co., Inc	
Product Description:	Remote control system offered in wireless form is easy to install, is a convenient system that can immediately send the transmission signal and sensor error signal to the person in charge, for groundbreaking improvement of work efficiency. The wireless control system can immediately deliver the signal to the person in charge. Also, the FSK type wireless signal accurately processes the wireless signal transmitted from long distance, with a software structure that can process data without error. In areas where staff cannot be stationed, automatic paging with point of contact signal, and it can also be linked to wireless sensor device by receiving different types of sensor signals from equipment sensor devices.	
FCC ID :	W8PRF-60MP	
Model Name :	RF-60MP	
Multiple Model Name:	None	
Operationg Frequency:	434.0400 MHz ~ 434.7900 MHzz	
Occupied Bandwidth:	≤ 8.5 KHz (at 99%)	
Operation Channel:	32	
Modulation :	FSK	
EUT Power Source :	Primary power – 12 Vdc (Via AC Mains Powered DC supply)	
	Secondary Power – N/A	
Test Item:	Protype	
Type of Equipment:	Fixed wall	
Antennas:	Dipole Antenna	
Antenna Connector:	Reverse polarity SMA connector	

[→]All the testing were performed according to the procedures in FCC Parts 15.231 The EUT was operation in special test mode.

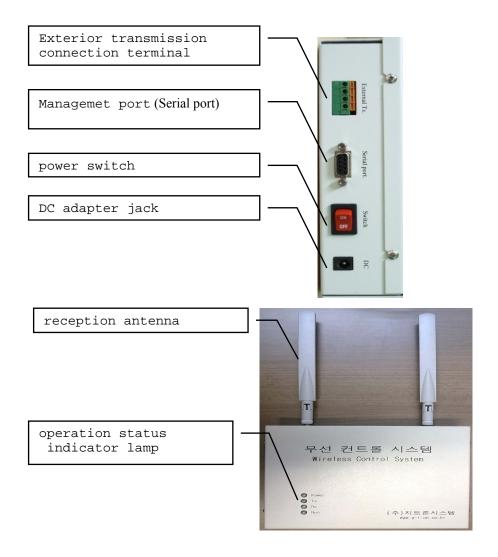


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3.2 Information about EUT

- Remote control system offered in wireless form is easy to install, is a convenient system that can
 immediately send the transmission signal and sensor error signal to the person in charge, for
 groundbreaking improvement of work efficiency.
- The wireless control system can immediately deliver the signal to the person in charge.
- Also, the FSK type wireless signal accurately processes the wireless signal transmitted from long distance, with a software structure that can process data without error. In areas where staff cannot be stationed, automatic paging with point of contact signal, and it can also be linked to wireless sensor device by receiving different types of sensor signals from equipment sensor devices.





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4. List of Measurements

Guide Lines	FCC Rules Part 15	Result
Power Line Conducted Emissions	15.207	PASS
Antenna Requirement	15.203	PASS
Periodic Operation	15.231(a)	PASS
Occupied Bandwidth	15.231(c)	PASS
Spurious Radiated Emissions	15.231(b)	PASS
Duty Cycle Correction Factor	15.231(b)	-



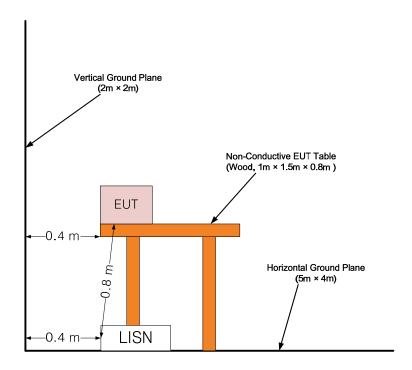
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5. Transmitter radiated emissions setup

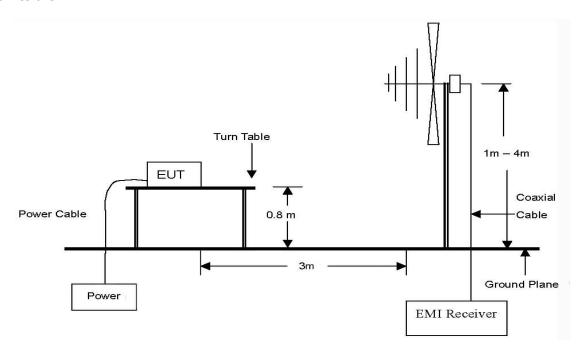
5.1 Test setup for 9 KHz ~ 30 MHz

The diagram below shows the test setup that is utilized to make the measurements for emission from 9 KHz to 30 MHz Conducted emissions



5.2 Test setup for 30 MHz ~ 1 GHz

The diagram below shows the test setup that is utilized to make the measurements for emission from 30 MHz to 1 GHz emissions



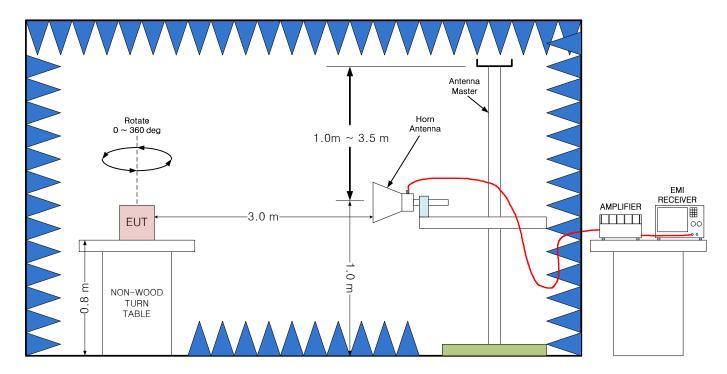


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5.3 Test setup for 1 GHz ~ 4.5 GHz

The diagram below shows the test setup that is utilized to make the measurements for emission from 1 GHz to 4.5 GHz emissions. As required by subpart 15.33 emissions were measured to 4.5 GHz.(10th carrier frequency)





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6. Power Line Conducted Emissions

6.1 Definition

The EUT was evaluated to determine compliance with FCC section 15.207

6.2 Test Procedure

ANSI C63.4 sections 6 and 7 were the guiding documents for this evaluation. Conducted emissions were performed from 150kHz to 30MHz with the EMI Receiver (ESCS30) set to 9kHz. The calculation for the conducted emissions is as follows:

Corrected Reading = EMI Receiver Reading + LISN Factor + Cable Loss Margin = Corrected Reading - Applicable Limit

6.3 Test Criteria

Except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges

Frequency in emission	Conducted Limit (dBµV)				
(MHz)	Quasi-Peak	Average			
$0.15 \sim 0.5$	66 to 56*	56 to 46*			
0.5 ~ 5.0	56	46			
5 ~ 30	60	50			

^{*} Decreases with the logarithm of the frequency



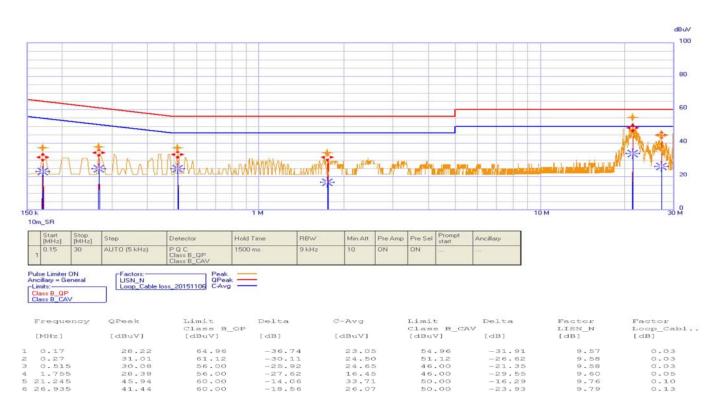
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6.4 Test Results

6.4.1 F1(434.040 MHz) conducted Emissions Line 1 & Line 2





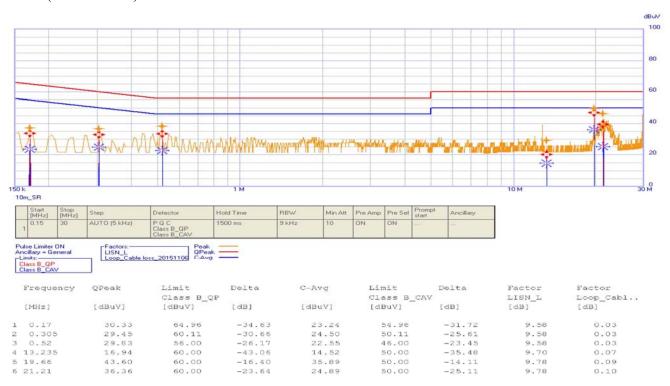
* Phase : L : Hot Line, N : Neutral Line

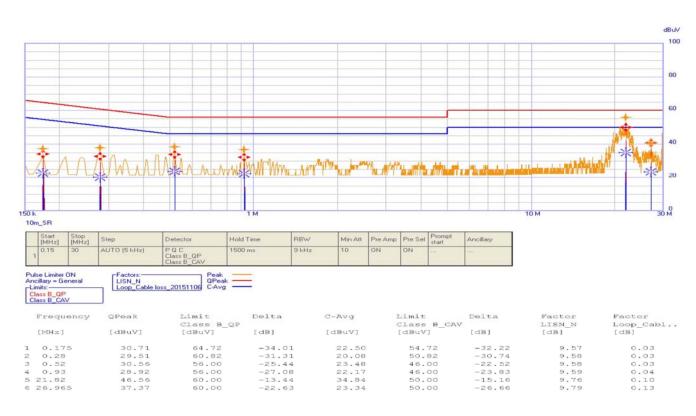


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6.4.2 F2(434.440 MHz) conducted Emissions Line 1 & Line 2





^{*} Phase : L : Hot Line, N : Neutral Line

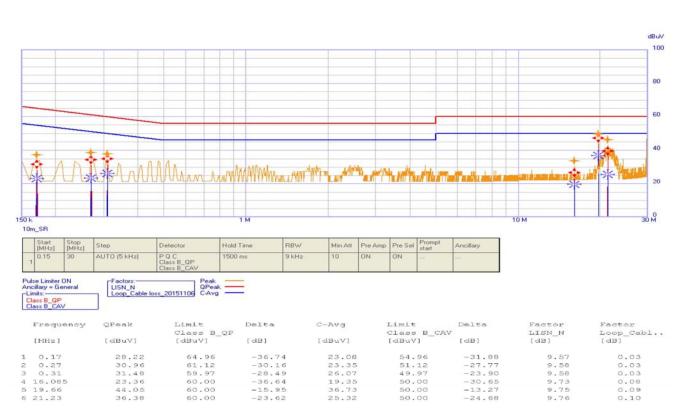


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6.4.3 F3(434.790 MHz) conducted Emissions Line 1 & Line 2





^{*} Phase : L : Hot Line, N : Neutral Line



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7. Antenna Requirment

7.1 Definition

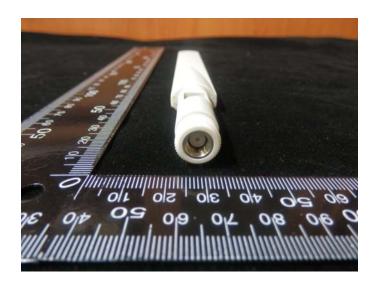
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

7.2 Test Criteria

The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

7.3 Test Result

The antenna used a Reverse Polarity SMA Dipole antenna. It's gain is -2.0 dBi below





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FCCID: W8PRF-60MP

8. Periodic Operation

8.1 Definition

The intentional radiator is restricted to the transmission of a control signal such as those used with alarm systems, door openers, remote switches, etc. Continuous transmissions, voice, video and the radio control of toys are not permitted. Data is permitted to be sent with a control signal. The following conditions shall be met to comply with the provisions for this periodic operation.

8.2 Test Procedure

The EUT Output is connected to the spectrum analyzer.

It measured with the spectrum analyzer set to RBW=1 MHz, VBW=3(1) MHz, Span= 0 Hz, Sweep time = 15 seconds (or 30 seconds).

8.3 Test Criteria

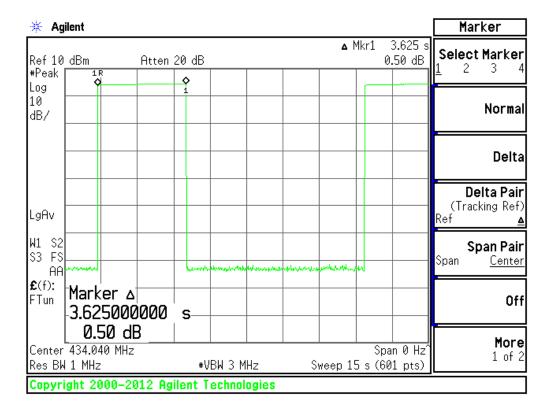
- (1) A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.
- (2) A transmitter activated automatically shall cease transmission within 5 seconds after activation.

8.4 Test Result

(1) Transmission Time

Carrier Frequency [MHz]	Plot #	Transmission Time (sec)	Limit (sec)	Remark
434.040	1	3.625	≤ 5	PASS
434.440	2	3.625	≤ 5	PASS
434.790	3	3.600	≤ 5	PASS

Plot #1

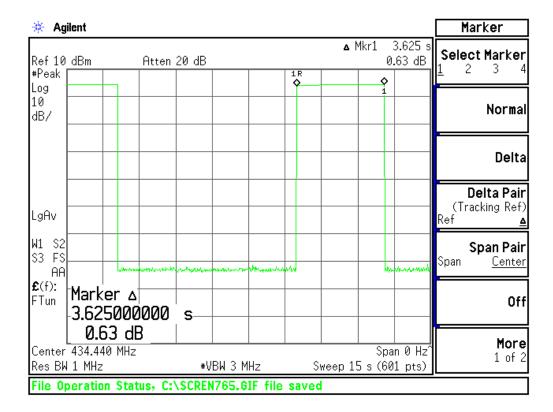


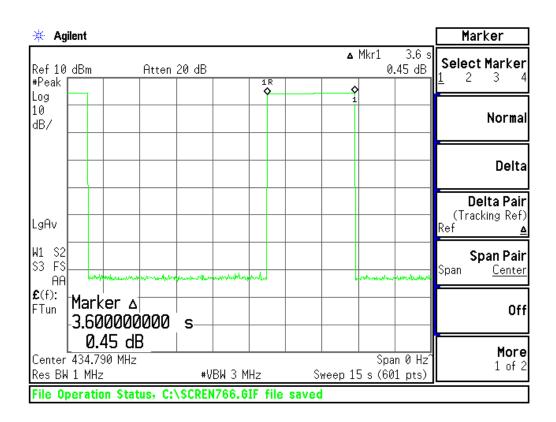


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Plot #2





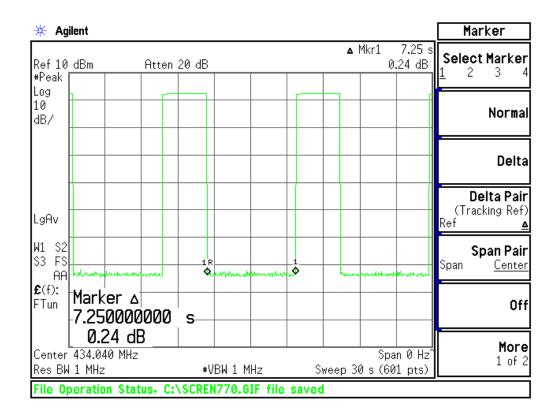


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(2) Release Time

Carrier Frequency [MHz]	Plot #	Mark	Release Time (sec)	Limit (sec)	Remark
434.040	4	\Diamond 1R to \Diamond 1	7.250	≥ 5	PASS
434.440	5	\Diamond 1R to \Diamond 1	7.250	≥ 5	PASS
434.790	6	♦1R to ♦1	7.250	≥ 5	PASS

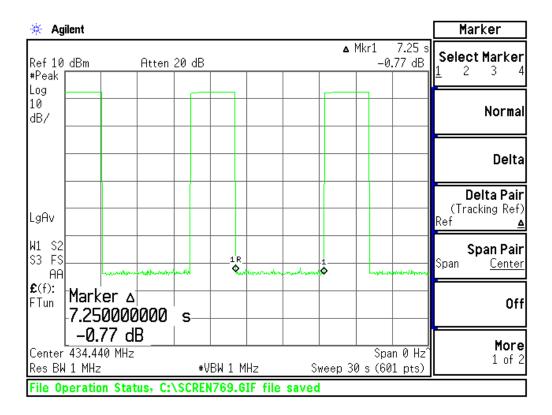


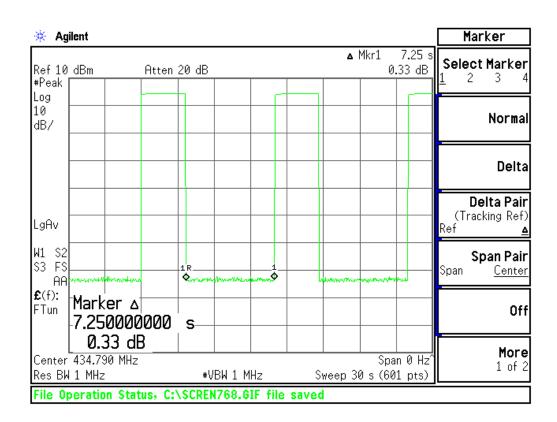


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Plot #5







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9. Occupied Bandwidth

9.1 Definition

The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.

9.2 Test Procedure

The RF output port of the EUT was directly connected to the input of the spectrum analyzer. The span of the spectrum analyzer display was set between two times and five times the occupied bandwidth (OBW) of the emission. The RBW of the spectrum analyzer was set to approximately 1 % to 5 % of the OBW. The trace was set to max hold with a peak detector active. The Occupied Bandwidth function of the analyzer was utilized to determine the 20 dB bandwidth of the emission.

It measured with the spectrum analyzer set to RBW=1 KHz, VBW=3 KHz, Span= 150 KHz, Sweep time = auto

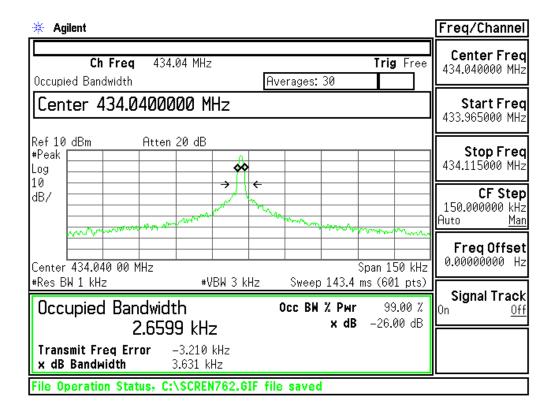
9.3 Test Criteria

- (1) The bandwidth of the emission shall be no wider than 0.25% of the center frequency.
- (2) Bandwidth is determined at the points 20 dB down from the modulated carrier.

9.4 Test Result

Carrier Frequency [MHz]	Plot #	-20 dB Bandwidth (KHz)	99% Bandwidth (KHz)	Limit (KHz)	Remark
434.040	7	3.631	2.6599	1 085.10	PASS
434.440	8	3.658	2.6883	1 086.10	PASS
434.790	9	9.597	6.8789	1 086.98	PASS

Plot #7

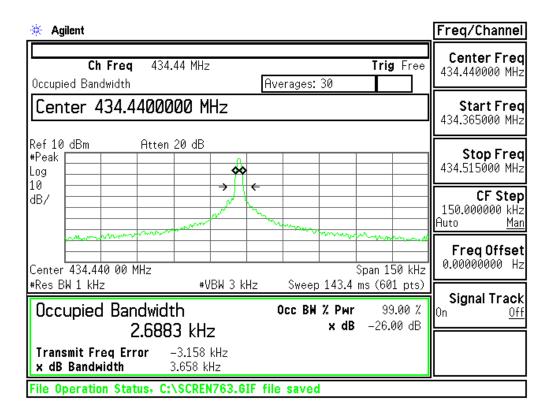


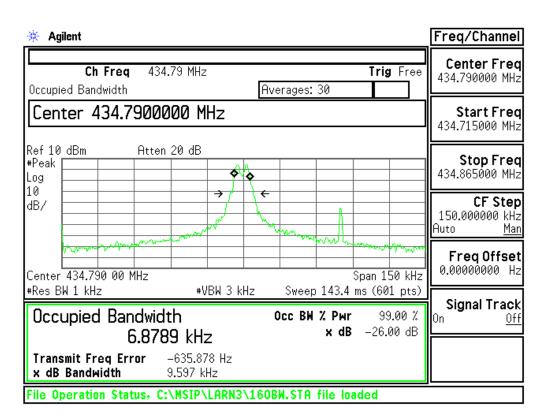


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Plot #8







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10. Spurious Radiated Emissions

10.1 Definition

In addition to the provisions of §15.205, the field strength of emissions from intentional radiators operated under this section shall not exceed the following:

Fundamental frequency (MHz)	Field strength of fundamental (microvolts/meter)	Field strength of spurious emissions (microvolts/meter)
40.66-40.70	2,250	225
70-130	1,250	125
130-174	¹ 1,250 to 3,750	¹ 125 to 375
174-260	3,750	375
260-470	¹ 3,750 to 12,500	¹ 375 to 1,250
Above 470	12,500	1,250

¹Linear interpolations.

10.2 Test Procedure

The EUT was placed on a non-conductive table 0.8 meters above the ground plane. The table was centered on a rotating turntable at a distance of 3 meters from the measurement antenna.

For spurious emissions below 1 GHz quasi-peak detection is used with a resolution bandwidth of 120 kHz. The emissions were maximized by rotating the EUT and raising and lowering the measurement antenna from $1\sim4$ meters(above 1 GHz, measure antenna from $1\sim3.5$ meters)

Spurious/harmonic emissions above 1 GHz peak are measured with average and peak detection with a resolution bandwidth of 1 MHz and measured at a distance of 3 meter.

Average detection is used to determine compliance of the EUT if the peak does not meet the average limit. Non-harmonic emissions must satisfy the average limit and the peak limit (20 dB above average).

Further, compliance with the provisions of 15.205 was demonstrated using the measurement instrumentation specified in that section where applicable.

Radiated emissions from the EUT were measured by EMI Receiver according to the dictates of ANSI C63.4:2009

Correction factor is a combination of cable loss (CL), microwave amplifier gain (G amp), antenna factor (AF) Example correction factor calculation: F/S(Field Strength) = Measuring Value +AF-(G amp-CL)

Both vertical and horizontal polarities were tested and the worst case presented. In all cases the vertical polarization resulted in the greatest signal.



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10.3 Test Criteria

10.3.1 Radiated emission limits; general requirements.

Frequency in MHz	Field strength
0.009-0.490	2400/F(kHz) μV/m @ 300 meters
0.490-1.705	24000/F(kHz) μV/m @ 30 meters
1.705-30.0	29.54 dBμV/m @ 30 meters
30 – 88	$40.0 \text{ dB}\mu\text{V/m}$ @ 3 meters
88 - 216	$43.5 \text{ dB}\mu\text{V/m}$ @ 3 meters
216 – 960	46.0 dBμV/m @ 3 meters
Above 960	54.0 dBμV/m @ 3 meters

10.3.2 Periodic operation in the band 40.66-40.70 MHz and above 70 MHz.

Fundamental frequency (MHz)	Field strength of fundamental (microvolts/meter)	Field strength of spurious emissions (microvolts/meter)
40.66-40.70	2,250	225
70-130	1,250	125
130-174	¹ 1,250 to 3,750	¹ 125 to 375
174-260	3,750	375
260-470	¹ 3,750 to 12,500	¹ 375 to 1,250
Above 470	12,500	1,250

¹Linear interpolations.

[⇒] Where F is the frequency in MHz, the formulas for calculating the maximum permitted fundamental field strengths are as follows; for the band 260 - 470 MHz, μ V/m at 3 meters = 41.6667(F)-7083.333. Also, field strength of spurious emissions is μ V/m at 3 meters = 4.16667(F)-708.3333 (= fundamental field – 20 dB)



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10.4 Test Results

10.4.1 F1(434.040 MHz)

XY SCAN											** F is Fur	F is Fund Freq			
Frequency	Level		EUT	Antenna	table	Mast	Correction Factors		Corrected Level		Limit		Margin		
riequency	pk	Qpk/Avg	SCAN	Polarity	angle	Height	AF	Amp	Cable	pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg
(MHz)	(dBµV)	(dB _µ V)		(H/V)	degree	(cm)	(dB/m)	(dB)	(dB)	(dBµV/m)	$(dB\mu V/m)$	(dBµV/m)	(dBµV/m)	(dBµV/m)	(dBµV/m)
							undmant	eal Emiss	ions	1000	1512 - 1 - 1 - 1 - 1 - 1				
434.04	58.79	58.69	XY	Н	192	100	16.28		1.84	76.91	76.81	100.83	80.83	-23.92	-4.02
434.04	62.20	62.14	XY	V	360	100	16.28		1.84	80.32	80.26	100.83	80.83	-20.51	-0.57
107.10	Spurious Emissions 0 19.53 15.58 XY H 57 220 11.81 1.00 32.34 28.39 46.02 46.02 -13.68 -17.63												47.00		
137.40	19.53			Н			11.81	42.00			28.39				
2414.00	47.49	32.99	XY	H	342	100	26.97	-43.08	5.79	37.17	22.67	80.83	60.83 **	-43.66	-38.16
3884.00	45.88	32.20	XY	V	257	100	28.98	-34.62	5.79	46.03	32.35	80.83	60.83 **	-34.80	-28.48
YZ SCAN															
12 SCAIN	Level FLIT Antenna table Mast Correction Factors Corrected Level Limit Margin											rain			
Frequency	pk	Qpk/Avg	SCAN	Polarity	angle	Height	AF	Amp	Cable	pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg
(MHz)	(dBµV)	(dBµV)	50/114	(H/V)	degree	(cm)	(dB/m)	(dB)	(dB)	(dBµV/m)	(dB _µ V/m)	(dB _u V/m)	(dBµV/m)		
(11112)	(GDp1)	(GDP1)		(1,1)	aegree		undmant		100000000000000000000000000000000000000	ССБРОТО	(GD pr) III)	(GDP17111)	СССРТУППУ	(GD)	(GDPT) III)
434.04	54.69	54.61	YZ	Н	121	100	16.28		1.84	72.81	72.73	100.83	80.83	-28.02	-8.10
434.04	54.32	54.23	YZ	V	126	100	16.28		1.84	72.44	72.35	100.83	80.83	-28.39	-8.48
			4.81					s Emission	ıs	111		IIII ma	111111111111111111111111111111111111111		1111111
88.46	30.04	27.94	YZ	Н	171	100	7.94		0.85	38.83	36.73	40.00	40.00	-1.17	-3.27
2169.00	46.73	32.75	YZ	V	148	100	26.47	-43.34	5.44	35.30	21.32	80.83	60.83 **	-45.53	-39.51
2414.00	47.80	32.97	YZ	Н	54	100	26.97	-43.08	5.79	37.48	22.65	80.83	60.83 **	-43.35	-38.18
70.00.11															
ZX SCAN	1.	evel	EUT	Antonna	table	Mact	C 0-	rection Fac	tors	Correct	ad Laval		mit	N.4-	rain
Frequency	pk	Qpk/Avg	SCAN	Antenna Polarity	table angle	Mast Height	AF	Amp	Cable	pk	ed Level Qpk/Avg	pk	nit Qpk/Avg	pk	rgin Qpk/Avg
(MHz)	(dBµV)	(dB _µ V)	SCALA	(H/V)	degree	(cm)	(dB/m)	(dB)	(dB)	(dBµV/m)	(dB _µ V/m)	(dBµV/m)	(dBµV/m)		
		30 0					undmant			10	100	2			
434.04	58.14	58.05	ZX	Н	230	100	16.28		1.84	76.26	76.17	100.83	80.83	-24.57	-4.66
434.04	62.33	62.26	ZX	V	337	100	16.28		1.84	80.45	80.38	100.83	80.83	-20.38	-0.45
404.50	22.12	22.52	71/		240	100		s Emission		40.46	20.05	40.00	40.02 **	F.F.C	C 17
404.50 1301.00	23.13 43.62	22.52 30.22	ZX	H H	348 302	100	15.60 24.75	-43.12	1.73 4.17	40.46 29.42	39.85 16.02	46.02 80.83	46.02 ** 60.83 **	-5.56 -51.41	-6.17 -44.81
2162.00	47.16	33.09	ZX	V	80	100	26.47	-43.12	5.44	35.73	21.66	80.83	60.83 **	-45.10	-39.17
						100	20.17	10.01	5.11	55.75	21.00	00.05	00.05	15.110	55.17
10.4.2 F	2(434.4	440 MH	7)												
		1 10 11111	<i></i>												
XY SCAN	,													** F is Fun	nd Freq
XY SCAN	,	evel	EUT	Antenna	table	Mast	Con	rection Fac	tors	Correct	ed Level	Lir	nit		nd Freq rgin
	,			Antenna Polarity	table angle	Mast Height	Con AF	rection Fac	tors Cable	Correct pk	ed Level Qpk/Avg	Lir pk	Qpk/Avg	Ma pk	
XY SCAN	Le	evel	EUT					1					Qpk/Avg	Ma	rgin
XY SCAN Frequency	Le pk	evel Qpk/Avg	EUT	Polarity	angle	Height (cm)	AF	Amp (dB)	Cable (dB)	pk	Qpk/Avg	pk	Qpk/Avg	Ma pk	rgin Qpk/Avg
XY SCAN Frequency	pk (dBμV) 60.69	evel Qpk/Avg	EUT SCAN	Polarity	angle	Height (cm)	AF (dB/m)	Amp (dB)	Cable (dB)	pk	Qpk/Avg (dBµV/m) 78.73	pk	Qpk/Avg	Ma pk	rgin Qpk/Avg
XY SCAN Frequency (MHz)	Le pk (dΒμV)	Qpk/Avg (dBµV)	EUT SCAN	Polarity (H/V)	angle degree	Height (cm)	AF (dB/m) undmant	Amp (dB)	Cable (dB)	pk (dBµV/m)	Qpk/Avg (dBµV/m)	pk (dBµV/m)	Qpk/Avg (dBµV/m)	Ma pk (dBμV/m)	rgin Qpk/Avg (dBμV/m)
Frequency (MHz)	pk (dBμV) 60.69	Qpk/Avg (dBµV)	EUT SCAN	Polarity (H/V)	angle degree	Height (cm)	AF (dB/m) Fundmant 16.28 16.28	Amp (dB)	Cable (dB) ons 1.84 1.84	pk (dBµV/m) 78.81	Qpk/Avg (dBµV/m) 78.73	pk (dBµV/m) 100.84	Qpk/Avg (dBµV/m) 80.84	Ma pk (dBμV/m) -22.03	rgin Qpk/Avg (dBμV/m)
Frequency (MHz)	pk (dBμV) 60.69	Qpk/Avg (dBµV)	EUT SCAN	Polarity (H/V)	angle degree	Height (cm)	AF (dB/m) Fundmant 16.28 16.28	Amp (dB) eal Emissi	Cable (dB) ons 1.84 1.84	pk (dBµV/m) 78.81	Qpk/Avg (dBµV/m) 78.73	pk (dBµV/m) 100.84	Qpk/Avg (dBµV/m) 80.84	Ma pk (dBμV/m) -22.03	rgin Qpk/Avg (dBμV/m)
XY SCAN Frequency (MHz) 434.44 434.44	pk (dBµV) 60.69 62.31	Qpk/Avg (dBμV) 60.61 61.02	EUT SCAN XY XY	Polarity (H/V) H V V H	angle degree 181 0 119 11	Height (cm) 100 100	AF (dB/m) Fundmant 16.28 16.28 Spurious	Amp (dB) eal Emissi	Cable (dB) ons 1.84 1.84	pk (dBµV/m) 78.81 80.43	Qpk/Avg (dBμV/m) 78.73 79.14	pk (dBµV/m) 100.84 100.84	Qpk/Avg (dBμV/m) 80.84 80.84	Ma pk (dBμV/m) -22.03 -20.41	-2.11 -1.70
XY SCAN Frequency (MHz) 434.44 434.44 88.48	pk (dBμV) 60.69 62.31	Qpk/Avg (dBµV) 60.61 61.02	SCAN XY XY XY	Polarity (H/V) H V	angle degree 181 0 119	Height (cm) 100 100	AF (dB/m) Fundmant 16.28 16.28 Spurious 7.94	Amp (dB) eal Emissi s Emission	Cable (dB) ons 1.84 1.84 0.85	pk (dBμV/m) 78.81 80.43	Qpk/Avg (dBμV/m) 78.73 79.14	pk (dBμV/m) 100.84 100.84 40.00	Qpk/Avg (dBμV/m) 80.84 80.84 40.00 **	Ma pk (dB _µ V/m) -22.03 -20.41	Qpk/Avg (dB _µ V/m) -2.11 -1.70
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00	pk (dBμV) 60.69 62.31 30.21 46.61	Qpk/Avg (dBµV) 60.61 61.02 29.09 32.42	SCAN XY XY XY XY	Polarity (H/V) H V V H	angle degree 181 0 119 11	Height (cm) 100 100 100 100	AF (dB/m) Fundmant 16.28 16.28 Spurious 7.94 26.24	Amp (dB) eal Emissi s Emission -43.31	Cable (dB) ons 1.84 1.84 1.84 5 0.85 5.35	pk (dBµV/m) 78.81 80.43 39.00 34.89	Qpk/Avg (dBµV/m) 78.73 79.14 37.88 20.70	pk (dBµV/m) 100.84 100.84 40.00 80.84	Qpk/Avg (dBµV/m) 80.84 80.84 40.00 ** 60.84 **	Ma pk (dBµV/m) -22.03 -20.41 -1.00 -45.95	rgin Qpk/Avg (dBμV/m) -2.11 -1.70 -2.12 -40.14
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN	pk (dBμV) 60.69 62.31 30.21 46.61 47.74	Qpk/Avg (dBµV) 60.61 61.02 29.09 32.42	SCAN XY XY XY XY	Polarity (H/V) H V V H	angle degree 181 0 119 11	Height (cm) 100 100 100 100	AF (dB/m) Fundmant 16.28 16.28 Spurious 7.94 26.24 26.97	Amp (dB) eal Emissi s Emission -43.31	Cable (dB) Ons 1.84 1.84 1.84 1.5 0.85 5.35 5.79	pk (dBµV/m) 78.81 80.43 39.00 34.89 37.42	Qpk/Avg (dBµV/m) 78.73 79.14 37.88 20.70	pk (dBµV/m) 100.84 100.84 40.00 80.84 80.84	Qpk/Avg (dBµV/m) 80.84 80.84 40.00 ** 60.84 **	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42	rgin Qpk/Avg (dBμV/m) -2.11 -1.70 -2.12 -40.14
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00	pk (dBμV) 60.69 62.31 30.21 46.61 47.74	Qpk/Avg (dBμV) 60.61 61.02 29.09 32.42 32.96	EUT SCAN XY XY XY XY XY	Polarity (H/V) H V V H V	181 0 119 11 57	Height (cm) 100 100 100 100 100	AF (dB/m) Fundmant 16.28 16.28 Spurious 7.94 26.24 26.97	Amp (dB) eal Emission s Emission -43.31 -43.08	Cable (dB) Ons 1.84 1.84 1.84 1.5 0.85 5.35 5.79	pk (dBµV/m) 78.81 80.43 39.00 34.89 37.42	Qpk/Avg (dBµV/m) 78.73 79.14 37.88 20.70 22.64	pk (dBµV/m) 100.84 100.84 40.00 80.84 80.84	Qpk/Avg (dBµV/m) 80.84 80.84 40.00 ** 60.84 **	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42	rgin Qpk/Avg (dBμV/m) -2.11 -1.70 -2.12 -40.14 -38.20
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN	Pk (dBμV) 60.69 62.31 30.21 46.61 47.74	Qpk/Avg (dBμV) 60.61 61.02 29.09 32.42 32.96	EUT SCAN XY XY XY XY XY EUT	Polarity (H/V) H V V H V Antenna	angle degree 181 0 119 11 57	Height (cm) 100 100 100 100 100 100 Mast	AF (dB/m) fundmant 16.28 16.28 Spurious 7.94 26.24 26.97	Amp (dB) eal Emiss s Emission -43.31 -43.08	Cable (dB) ons 1.84 1.84 1.85 0.85 5.35 5.79 tors	pk (dBμV/m) 78.81 80.43 39.00 34.89 37.42 Correct pk	Qpk/Avg (dBμV/m) 78.73 79.14 37.88 20.70 22.64	pk (dBμV/m) 100.84 100.84 40.00 80.84 80.84 Lir pk	Qpk/Avg (dBµV/m) 80.84 80.84 40.00 ** 60.84 ** 60.84 **	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42 Ma pk	rgin Qpk/Avg (dBμV/m) -2.11 -1.70 -2.12 -40.14 -38.20 rgin Qpk/Avg
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN Frequency	рк (dBµV) 60.69 62.31 30.21 46.61 47.74	evel	EUT SCAN XY XY XY XY XY EUT	Polarity (H/V) H V V H V Antenna Polarity	angle degree 181 0 119 11 57 table angle	Height (cm) 100 100 100 100 Mast Height (cm)	AF (dB/m) fundmant 16.28 16.28 Spurious 7.94 26.24 26.97	Amp (dB) eal Emission -43.31 -43.08 rection Fac Amp (dB)	Cable (dB) Ons 1.84 1.84 1.84 1.85 0.85 5.35 5.79 tors Cable (dB)	pk (dBμV/m) 78.81 80.43 39.00 34.89 37.42 Correct pk	Qpk/Avg (dBμV/m) 78.73 79.14 37.88 20.70 22.64 ed Level Qpk/Avg	pk (dBμV/m) 100.84 100.84 40.00 80.84 80.84 Lir pk	Qpk/Avg (dBµV/m) 80.84 80.84 40.00 ** 60.84 ** 60.84 ** mit Qpk/Avg	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42 Ma pk	rgin Qpk/Avg (dBμV/m) -2.11 -1.70 -2.12 -40.14 -38.20 rgin Qpk/Avg
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN Frequency	рк (dBµV) 60.69 62.31 30.21 46.61 47.74	evel	EUT SCAN XY XY XY XY XY EUT	Polarity (H/V) H V V H V Antenna Polarity	angle degree 181 0 119 11 57 table angle	Height (cm) 100 100 100 100 Mast Height (cm)	AF (dB/m) fundmant 16.28 16.28 Spurious 7.94 26.24 26.97	Amp (dB) eal Emission -43.31 -43.08 rection Fac Amp (dB)	Cable (dB) Ons 1.84 1.84 1.84 1.85 0.85 5.35 5.79 tors Cable (dB)	pk (dBμV/m) 78.81 80.43 39.00 34.89 37.42 Correct pk	Qpk/Avg (dBμV/m) 78.73 79.14 37.88 20.70 22.64 ed Level Qpk/Avg	pk (dBμV/m) 100.84 100.84 40.00 80.84 80.84 Lir pk	Qpk/Avg (dBµV/m) 80.84 80.84 40.00 ** 60.84 ** 60.84 ** mit Qpk/Avg	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42 Ma pk	rgin Qpk/Avg (dBμV/m) -2.11 -1.70 -2.12 -40.14 -38.20 rgin Qpk/Avg
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN Frequency (MHz)	bk (dBμV) 60.69 62.31 30.21 46.61 47.74 Le pk (dBμV)	evel Qpk/Avg (dBμV) 60.61 61.02 29.09 32.42 32.96 evel Qpk/Avg (dBμV)	EUT SCAN XY XY XY XY XY SCAN	Polarity (H/V) H V V H V Antenna Polarity (H/V)	angle degree 181 0 119 11 57 table angle degree	Height (cm) 100 100 100 100 Mast Height (cm)	AF (dB/m) fundmant 16.28 16.28 Spurious 7.94 26.24 26.97 Corr AF (dB/m) fundmant	Amp (dB) eal Emission -43.31 -43.08 rection Fac Amp (dB)	Cable (dB) 1.84 1.84 1.85 0.85 5.35 5.79 tors Cable (dB) ons	pk (dBμV/m) 78.81 80.43 39.00 34.89 37.42 Correct pk (dBμV/m)	Qpk/Avg (dBμV/m) 78.73 79.14 37.88 20.70 22.64 ed Level Qpk/Avg (dBμV/m)	pk (dBμV/m) 100.84 100.84 40.00 80.84 80.84 Lir pk (dBμV/m)	Qpk/Avg (dBμV/m) 80.84 80.84 40.00 ** 60.84 ** 60.84 ** mit Qpk/Avg (dBμV/m)	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42 Ma pk (dBμV/m)	rgin Qpk/Avg (dBμV/m) -2.11 -1.70 -2.12 -40.14 -38.20 rgin Qpk/Avg (dBμV/m)
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN Frequency (MHz)	рк (dBµV) 60.69 62.31 30.21 46.61 47.74 Le pk (dBµV)	Qpk/Avg (dB _µ V) 60.61 61.02 29.09 32.42 32.96 evel Qpk/Avg (dB _µ V)	EUT SCAN XY XY XY XY SCAN EUT SCAN	Polarity (H/V) H V H V Antenna Polarity (H/V)	angle degree 181 0 119 11 57 table angle degree 219	Height (cm) 100 100 100 100 100 100 Mast Height (cm) 100	AF (dB/m)	Amp (dB) eal Emission -43.31 -43.08 rection Fac Amp (dB)	Cable (dB) 1.84 1.84 1.85 0.85 5.35 5.79 tors Cable (dB) ons 1.84 1.84	pk (dBμV/m) 78.81 80.43 39.00 34.89 37.42 Correct pk (dBμV/m)	Qpk/Avg (dBμV/m) 78.73 79.14 37.88 20.70 22.64 ed Level Qpk/Avg (dBμV/m) 70.79	pk (dBμV/m) 100.84 100.84 40.00 80.84 80.84 Lir pk (dBμV/m)	Qpk/Avg (dBμV/m) 80.84 80.84 40.00 ** 60.84 ** 60.84 ** mit Qpk/Avg (dBμV/m) 80.84	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42 Ma pk (dBμV/m) -29.88	-2.11 -2.12 -40.14 -38.20 -20, (dBμV/m) -2.12 -40.14 -38.20 -20, (dBμV/m)
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XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN Frequency (MHz) 434.44 434.44	рк (dBµV) 60.69 62.31 30.21 46.61 47.74 Le pk (dBµV) 52.84 54.16	Qpk/Avg (dBμV) 60.61 61.02 29.09 32.42 32.96 Qpk/Avg (dBμV) 52.67 54.08	EUT SCAN XY XY XY XY XY XY XY XY XY XY X	Polarity (H/V) H V H V Antenna Polarity (H/V) H V	angle degree 181 0 119 11 57 table angle degree 219 118	Height (cm) 100 100 100 Mast Height (cm) 100 220	AF (dB/m) fundmant 16.28 16.28 Spurious 7.94 26.24 26.97 Con AF (dB/m) fundmant 16.28 Spurious	Amp (dB) eal Emission -43.31 -43.08 rection Fac Amp (dB) eal Emission	Cable (dB) ons 1.84 1.84 1.84 1.85 5.35 5.79 tors Cable (dB) ons 1.84 1.84	pk (dBµV/m) 78.81 80.43 39.00 34.89 37.42 Correct pk (dBµV/m) 70.96 72.28	Qpk/Avg (dB _µ V/m) 78.73 79.14 37.88 20.70 22.64 ed Level Qpk/Avg (dB _µ V/m) 70.79 72.20	pk (dBµV/m) 100.84 100.84 40.00 80.84 80.84 Lir pk (dBµV/m) 100.84	Qpk/Avg (dB _µ V/m) 80.84 80.84 40.00 ** 60.84 ** 60.84 ** Qpk/Avg (dB _µ V/m) 80.84 80.84	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42 Ma pk (dBμV/m) -29.88 -28.56	rgin Qpk/Avg (dBµV/m) -2.11 -1.70 -2.12 -40.14 -38.20 rgin Qpk/Avg (dBµV/m) -10.05 -8.64
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN Frequency (MHz) 434.44 434.44 404.90	рк (dBµV) 60.69 62.31 30.21 46.61 47.74 Le pk (dBµV) 52.84 54.16	Pevel Qpk/Avg (dBμV) 60.61 61.02 29.09 32.42 32.96 Qpk/Avg (dBμV) 52.67 54.08	EUT SCAN XY	Polarity (H/V) H V H V Antenna Polarity (H/V) H V	angle degree 181 0 119 11 57 table angle degree 219 118	Height (cm) 100 100 100 100 Mast Height (cm) 220 100	AF (dB/m) fundmant 16.28 16.28 Spurious 7.94 26.24 26.97 Con AF (dB/m) fundmant 16.28 Spurious 15.62	Amp (dB) eal Emission -43.31 -43.08 rection Fac Amp (dB) eal Emission	Cable (dB) Ons 1.84 1.84 1.85 0.85 5.79 tors Cable (dB) Ons 1.84 1.84 1.84	pk (dB _W V/m) 78.81 80.43 39.00 34.89 37.42 Correct pk (dB _W V/m) 70.96 72.28	Qpk/Avg (dB _µ V/m) 78.73 79.14 37.88 20.70 22.64 ed Level Qpk/Avg (dB _µ V/m) 70.79 72.20 31.70	pk (dBµV/m) 100.84 100.84 40.00 80.84 80.84 Lir pk (dBµV/m) 100.84 100.84	Qpk/Avg (dB _µ V/m) 80.84 80.84 40.00 ** 60.84 ** 60.84 ** Qpk/Avg (dB _µ V/m) 80.84 40.00	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42 Ma pk (dBμV/m) -29.88 -28.56	rgin Qpk/Avg (dBµV/m) -2.11 -1.70 -2.12 -40.14 -38.20 rgin Qpk/Avg (dBµV/m) -10.05 -8.64
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN Frequency (MHz) 434.44 434.44 404.90 2162.00 2414.00	Pk (dBµV) 60.69 62.31 30.21 46.61 47.74 Lee pk (dBµV) 52.84 54.16 15.48 46.91	evel Qpk/Avg (dBμV) 60.61 61.02 29.09 32.42 32.96 evel Qpk/Avg (dBμV) 52.67 54.08	EUT SCAN XY XY XY XY XY XY XY XY XY XY XY	Polarity (H/V) H V H V Antenna Polarity (H/V) H V	angle degree 181 0 119 11 57 table angle degree 219 118 255 162	Height (cm) 100 100 100 100 100 100 100 100 100 10	AF (dB/m) Fundmant 16.28 16.28 Spurious 7.94 26.24 26.97 Corr AF (dB/m) Fundmant 16.28 Spurious 15.62 26.47	Amp (dB) eal Emission -43.31 -43.08 rection Fac Amp (dB) eal Emission s Emission -43.34	Cable (dB) 1.84 1.84 1.85 0.85 5.35 5.79 tors Cable (dB) ons 1.84 1.84 1.85 1.73	pk (dBµV/m) 78.81 80.43 39.00 34.89 37.42 Correct pk (dBµV/m) 70.96 72.28	Qpk/Avg (dB _µ V/m) 78.73 79.14 37.88 20.70 22.64 ed Level Qpk/Avg (dB _µ V/m) 70.79 72.20 31.70 21.45	pk (dBµV/m) 100.84 100.84 40.00 80.84 80.84 Lir pk (dBµV/m) 100.84 100.84 40.00 80.84	Qpk/Avg (dB _µ V/m) 80.84 80.84 40.00 ** 60.84 ** 60.84 ** Qpk/Avg (dB _µ V/m) 80.84 40.00 60.84 **	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42 Ma pk (dBμV/m) -29.88 -28.56 -7.17 -45.36	rgin Qpk/Avg (dBµV/m) -2.11 -1.70 -2.12 -40.14 -38.20 rgin Qpk/Avg (dBµV/m) -10.05 -8.64 -8.30 -39.39
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN Frequency (MHz) 434.44 434.44 404.90 2162.00	Pk (dB _W V) 60.69 62.31 30.21 46.61 47.74 Le Pk (dB _W V) 52.84 54.16 15.48 46.91 50.70	Qpk/Avg (dBμV) 60.61 61.02 29.09 32.42 32.96 Qpk/Avg (dBμV) 52.67 54.08 14.35 32.88 33.02	EUT SCAN XY XY XY XY XY XY XY XY XY XY XY XY	Polarity (H/V) H V H V Antenna Polarity (H/V) H V H V	angle degree 181 0 119 11 57 table angle degree 219 118 255 162 354	Height (cm) 100 100 100 100 100 100 100 100 100 10	AF (dB/m) Fundmant 16.28 16.28 Spurious 7.94 26.24 26.97 Con AF (dB/m) Fundmant 16.28 16.28 Spurious 15.62 26.47 26.97	Amp (dB) eal Emission -43.31 -43.08 rection Face Amp (dB) eal Emission -43.34 -43.08	Cable (dB) Ons 1.84 1.84 1.85 0.85 5.35 5.79 tors Cable (dB) Ons 1.84 1.84 1.84 5.79	pk (dB _µ V/m) 78.81 80.43 39.00 34.89 37.42 Correct pk (dB _µ V/m) 70.96 72.28 32.83 35.48 40.38	Qpk/Avg (dB _µ V/m) 78.73 79.14 37.88 20.70 22.64 ed Level Qpk/Avg (dB _µ V/m) 70.79 72.20 31.70 21.45 22.70	pk (dB _µ V/m) 100.84 100.84 40.00 80.84 80.84 Lir pk (dB _µ V/m) 100.84 100.84 40.00 80.84 80.84	Qpk/Avg (dB _µ V/m) 80.84 40.00 ** 60.84 ** 60.84 ** Qpk/Avg (dB _µ V/m) 80.84 80.84 40.00 60.84 ** 60.84 **	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42 Ma pk (dBμV/m) -29.88 -28.56 -7.17 -45.36 -40.46	rgin Qpk/Avg (dBµV/m) -2.11 -1.70 -2.12 -40.14 -38.20 rgin Qpk/Avg (dBµV/m) -10.05 -8.64 -8.30 -39.39 -38.14
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN Frequency (MHz) 434.44 434.44 404.90 2162.00 2414.00 ZX SCAN	рк (dB _W V) 60.69 62.31 30.21 46.61 47.74 Le pk (dB _W V) 52.84 54.16 15.48 46.91 50.70	Pevel Qpk/Avg (dBμV) 60.61 61.02 29.09 32.42 32.96 Pevel Qpk/Avg (dBμV) 52.67 54.08 14.35 32.88 33.02	EUT SCAN XY XY XY XY XY XY XY XY XY XY XY	Polarity (H/V) H V H V Antenna Polarity (H/V) H V H V Antenna	angle degree 181 0 119 11 57 table angle degree 219 118 255 162 354 table	Height (cm) 100 100 100 100 Mast Height (cm) 220 100 100 100 100 Mast Mast Mast Mast Mast Mast Mast Mast	AF (dB/m) Fundmant 16.28 16.28 Spurious 7.94 26.24 26.97 Con AF (dB/m) Fundmant 16.28 Spurious 15.62 26.47 26.97	Amp (dB) eal Emission -43.31 -43.08 rection Fac Amp (dB) eal Emission -43.34 -43.08	Cable (dB) Ons 1.84 1.84 1.85 0.85 5.79 tors Cable (dB) Ons 1.84 1.84 1.84 5.79	pk (dB _W V/m) 78.81 80.43 39.00 34.89 37.42 Correct pk (dB _W V/m) 70.96 72.28 32.83 35.48 40.38	Qpk/Avg (dB _µ V/m) 78.73 79.14 37.88 20.70 22.64 ed Level Qpk/Avg (dB _µ V/m) 70.79 72.20 31.70 21.45 22.70 ed Level	pk (dBµV/m) 100.84 100.84 40.00 80.84 80.84 Lir pk (dBµV/m) 100.84 100.84 40.00 80.84 80.84	Qpk/Avg (dB _µ V/m) 80.84 80.84 40.00 ** 60.84 ** 60.84 ** Qpk/Avg (dB _µ V/m) 80.84 80.84 40.00 60.84 ** 60.84 **	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42 Ma pk (dBμV/m) -29.88 -28.56 -7.17 -45.36 -40.46	rgin Qpk/Avg (dB _µ V/m) -2.11 -1.70 -2.12 -40.14 -38.20 rgin Qpk/Avg (dB _µ V/m) -10.05 -8.64 -8.30 -39.39 -38.14
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN Frequency (MHz) 434.44 434.44 404.90 2162.00 2414.00 ZX SCAN Frequency Frequency	рк (dBµV) 60.69 62.31 30.21 46.61 47.74 Le pk (dBµV) 52.84 54.16 15.48 46.91 50.70	Pevel Qpk/Avg (dBμV) 60.61 61.02 29.09 32.42 32.96 Pevel Qpk/Avg (dBμV) 52.67 54.08 14.35 32.88 33.02 Pevel Qpk/Avg	EUT SCAN XY XY XY XY XY XY XY XY XY XY XY XY	Polarity (H/V) H V H V Antenna Polarity (H/V) H V H V Antenna Polarity	angle degree 181 0 119 11 57 table angle degree 219 118 255 162 354 table angle	Height (cm) 100 100 100 100 100 100 100 100 100 10	AF (dB/m) Fundmant 16.28 16.28 Spurious 7.94 26.24 26.97 Corn AF (dB/m) Fundmant 16.28 16.28 Spurious 15.62 26.47 26.97 Corn AF	Amp (dB) eal Emission -43.31 -43.08 rection Fac Amp (dB) eal Emission -43.34 -43.08	Cable (dB) 1.84 1.84 1.85 0.85 5.35 5.79 tors Cable (dB) ons 1.84 1.84 1.89 1.73 5.44 5.79 tors Cable	pk (dBµV/m) 78.81 80.43 39.00 34.89 37.42 Соггест pk (dBµV/m) 70.96 72.28 32.83 35.48 40.38	Qpk/Avg (dBμV/m) 78.73 79.14 37.88 20.70 22.64 ed Level Qpk/Avg (dBμV/m) 70.79 72.20 31.70 21.45 22.70 ed Level Qpk/Avg	pk (dBµV/m) 100.84 100.84 40.00 80.84 80.84 Lir pk (dBµV/m) 100.84 100.84 40.00 80.84 80.84	Qpk/Avg (dB _µ V/m) 80.84 80.84 40.00 ** 60.84 ** 60.84 ** Qpk/Avg (dB _µ V/m) 80.84 40.00 60.84 ** 60.84 **	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42 Ma pk (dBμV/m) -29.88 -28.56 -7.17 -45.36 -40.46 Ma pk	rgin Qpk/Avg (dBµV/m) -2.11 -1.70 -2.12 -40.14 -38.20 rgin Qpk/Avg (dBµV/m) -10.05 -8.64 -8.30 -39.39 -38.14 rgin Qpk/Avg
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN Frequency (MHz) 434.44 434.44 404.90 2162.00 2414.00 ZX SCAN	рк (dB _W V) 60.69 62.31 30.21 46.61 47.74 Le pk (dB _W V) 52.84 54.16 15.48 46.91 50.70	Pevel Qpk/Avg (dBμV) 60.61 61.02 29.09 32.42 32.96 Pevel Qpk/Avg (dBμV) 52.67 54.08 14.35 32.88 33.02	EUT SCAN XY XY XY XY XY XY XY XY XY XY XY	Polarity (H/V) H V H V Antenna Polarity (H/V) H V H V Antenna	angle degree 181 0 119 11 57 table angle degree 219 118 255 162 354 table	Height (cm) 100 100 100 100 100 220 100 100 100 100	AF (dB/m) Fundmant 16.28 16.28 Spurious 7.94 26.24 26.97 Con AF (dB/m) Fundmant 16.28 16.28 Spurious 15.62 26.47 26.97 Con AF (dB/m)	Amp (dB) eal Emission -43.31 -43.08 rection Fac Amp (dB) eal Emission -43.34 -43.08	Cable (dB) 1.84 1.84 1.85 0.85 5.35 5.79 tors Cable (dB) ons 1.84 1.84 1.85 5.44 5.79 tors Cable (dB)	pk (dBµV/m) 78.81 80.43 39.00 34.89 37.42 Соггест pk (dBµV/m) 70.96 72.28 32.83 35.48 40.38	Qpk/Avg (dB _µ V/m) 78.73 79.14 37.88 20.70 22.64 ed Level Qpk/Avg (dB _µ V/m) 70.79 72.20 31.70 21.45 22.70 ed Level	pk (dBµV/m) 100.84 100.84 40.00 80.84 80.84 Lir pk (dBµV/m) 100.84 100.84 40.00 80.84 80.84	Qpk/Avg (dB _µ V/m) 80.84 80.84 40.00 ** 60.84 ** 60.84 ** Qpk/Avg (dB _µ V/m) 80.84 80.84 40.00 60.84 ** 60.84 **	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42 Ma pk (dBμV/m) -29.88 -28.56 -7.17 -45.36 -40.46 Ma pk	rgin Qpk/Avg (dBµV/m) -2.11 -1.70 -2.12 -40.14 -38.20 rgin Qpk/Avg (dBµV/m) -10.05 -8.64 -8.30 -39.39 -38.14 rgin Qpk/Avg
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN Frequency (MHz) 434.44 434.44 404.90 2162.00 2414.00 ZX SCAN Frequency (MHz)	рк (dB _I V) 60.69 62.31 30.21 46.61 47.74 Le pk (dB _I V) 52.84 54.16 15.48 46.91 50.70 Le pk (dB _I V)	Qpk/Avg (dBµV) 60.61 61.02 29.09 32.42 32.96 Qpk/Avg (dBµV) 52.67 54.08 14.35 32.88 33.02 Qpk/Avg (dBµV)	EUT SCAN XY XY XY XY XY XY XY XY XY EUT SCAN YZ YZ YZ YZ YZ SCAN	Polarity (H/V) H V V Antenna Polarity (H/V) H V H V Antenna Polarity (H/V)	angle degree 181 0 119 11 57 table angle degree 219 118 255 162 354 table angle degree	Height (cm) 100 100 100 100 100 220 100 100 100 100	AF (dB/m)	Amp (dB) eal Emission -43.31 -43.08 rection Fac Amp (dB) eal Emission -43.34 -43.08	Cable (dB) 1.84 1.84 1.85 0.85 5.35 5.79 tors Cable (dB) 0015 1.84 1.84 1.84 1.57 5.44 5.79 tors Cable (dB) 0015	pk (dBµV/m) 78.81 80.43 39.00 34.89 37.42 Correct pk (dBµV/m) 70.96 72.28 32.83 35.48 40.38	Qpk/Avg (dBµV/m) 78.73 79.14 37.88 20.70 22.64 ed Level Qpk/Avg (dBµV/m) 70.79 72.20 31.70 21.45 22.70 ed Level Qpk/Avg (dBµV/m)	pk (dBµV/m) 100.84 100.84 80.84 Lir pk (dBµV/m) 100.84 80.84 Lir pk (dBµV/m) 100.84 80.84 80.84 Lir pk (dBµV/m) 100.84 80.84 80.84 Rose Rose Rose Rose Rose Rose Rose Rose	Qpk/Avg (dBµV/m) 80.84 80.84 40.00 ** 60.84 ** 60.84 ** Qpk/Avg (dBµV/m) 80.84 40.00 60.84 ** 60.84 **	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42 Ma pk (dBμV/m) -29.88 -28.56 -7.17 -45.36 -40.46 Ma pk (dBμV/m)	rgin Qpk/Avg (dBµV/m) -2.11 -1.70 -2.12 -40.14 -38.20 rgin Qpk/Avg (dBµV/m) -10.05 -8.64 -8.30 -39.39 -38.14 rgin Qpk/Avg (dBµV/m)
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN Frequency (MHz) 434.44 434.44 404.90 2162.00 2414.00 ZX SCAN Frequency (MHz) 434.44 434.44	рк (dB _W V) 60.69 62.31 30.21 46.61 47.74 Le pk (dB _W V) 52.84 54.16 15.48 46.91 50.70 Le pk (dB _W V)	Qpk/Avg (dBμV) 60.61 61.02 29.09 32.42 32.96	EUT SCAN XY XY XY XY XY XY EUT SCAN YZ YZ YZ YZ YZ XZ EUT SCAN	Polarity (H/V) H V H V Antenna Polarity (H/V) H V H Antenna Polarity H H H H H H H H H H H H H	angle degree 181 0 119 11 57 table angle degree 219 118 255 162 354 table angle degree	Height (cm) 100 100 100 100 100 100 100 100 100 10	AF (dB/m) Fundmant 16.28 16.28 Spurious 7.94 26.24 26.97 Con AF (dB/m) Fundmant 16.28 Spurious 15.62 26.47 26.97 Con AF (dB/m) Fundmant 16.28	Amp (dB) eal Emission -43.31 -43.08 rection Fac Amp (dB) eal Emission -43.34 -43.08	Cable (dB) 1.84 1.84 1.84 1.85 0.85 5.35 5.79 tors Cable (dB) 0.85 1.84 1.84 1.84 1.84 1.84 1.85 1.73 5.44 5.79	pk (dB _µ V/m) 78.81 80.43 39.00 34.89 37.42 Correct pk (dB _µ V/m) 70.96 72.28 32.83 35.48 40.38 Correct pk (dB _µ V/m)	Qpk/Avg (dB _µ V/m) 78.73 79.14 37.88 20.70 22.64 ed Level Qpk/Avg (dB _µ V/m) 70.79 72.20 31.70 21.45 22.70 ed Level Qpk/Avg (dB _µ V/m) 75.59	pk (dBµV/m) 100.84 100.84 40.00 80.84 80.84 Lir pk (dBµV/m) 100.84 40.00 80.84 80.84 Lir pk (dBµV/m)	Qpk/Avg (dB _µ V/m) 80.84 40.00 ** 60.84 ** 60.84 ** Qpk/Avg (dB _µ V/m) 80.84 40.00 60.84 ** 40.00 60.84 ** 60.84 ** 80.84 80.84 80.84 80.84	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42 Ma pk (dBμV/m) -29.88 -28.56 -7.17 -45.36 -40.46 Ma pk (dBμV/m) -25.18	rgin Qpk/Avg (dBµV/m) -2.11 -1.70 -2.12 -40.14 -38.20 rgin Qpk/Avg (dBµV/m) -10.05 -8.64 -8.30 -39.39 -38.14 rgin Qpk/Avg (dBµV/m) -5.25
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN Frequency (MHz) 434.44 434.44 404.90 2162.00 2414.00 ZX SCAN Frequency (MHz)	рк (dB _I V) 60.69 62.31 30.21 46.61 47.74 Le pk (dB _I V) 52.84 54.16 15.48 46.91 50.70 Le pk (dB _I V)	Qpk/Avg (dBµV) 60.61 61.02 29.09 32.42 32.96 Qpk/Avg (dBµV) 52.67 54.08 14.35 32.88 33.02 Qpk/Avg (dBµV)	EUT SCAN XY XY XY XY XY XY XY XY XY EUT SCAN YZ YZ YZ YZ YZ SCAN	Polarity (H/V) H V V Antenna Polarity (H/V) H V H V Antenna Polarity (H/V)	angle degree 181 0 119 11 57 table angle degree 219 118 255 162 354 table angle degree	Height (cm) 100 100 100 100 100 220 100 100 100 100	AF (dB/m) 16.28 16.28 Spurious 7.94 26.24 26.97 Con AF (dB/m) undmant 16.28 Spurious 15.62 26.47 26.97 Con AF (dB/m) undmant 16.28 16.28	Amp (dB) eal Emission -43.31 -43.08 rection Fac Amp (dB) eal Emission -43.34 -43.08 rection Fac Amp (dB) eal Emission	Cable (dB) Ons 1.84 1.84 1.85 0.85 5.79 tors Cable (dB) Ons 1.84 1.84 5.79 tors Cable (dB) Ons 1.84 1.84 5.79	pk (dBµV/m) 78.81 80.43 39.00 34.89 37.42 Correct pk (dBµV/m) 70.96 72.28 32.83 35.48 40.38	Qpk/Avg (dBµV/m) 78.73 79.14 37.88 20.70 22.64 ed Level Qpk/Avg (dBµV/m) 70.79 72.20 31.70 21.45 22.70 ed Level Qpk/Avg (dBµV/m)	pk (dBµV/m) 100.84 100.84 80.84 Lir pk (dBµV/m) 100.84 80.84 Lir pk (dBµV/m) 100.84 80.84 80.84 Lir pk (dBµV/m) 100.84 80.84 80.84 Rose Rose Rose Rose Rose Rose Rose Rose	Qpk/Avg (dBµV/m) 80.84 80.84 40.00 ** 60.84 ** 60.84 ** Qpk/Avg (dBµV/m) 80.84 40.00 60.84 ** 60.84 **	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42 Ma pk (dBμV/m) -29.88 -28.56 -7.17 -45.36 -40.46 Ma pk (dBμV/m)	rgin Qpk/Avg (dBµV/m) -2.11 -1.70 -2.12 -40.14 -38.20 rgin Qpk/Avg (dBµV/m) -10.05 -8.64 -8.30 -39.39 -38.14 rgin Qpk/Avg (dBµV/m)
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN Frequency (MHz) 434.44 404.90 2162.00 2414.00 ZX SCAN Frequency (MHz) 434.44 404.90 2162.00 2414.00	рк (dBµV) 60.69 62.31 30.21 46.61 47.74 Le pk (dBµV) 52.84 54.16 15.48 46.91 50.70 Le pk (dBµV) 57.54	Qpk/Avg (dBμV) 60.61 61.02 29.09 32.42 32.96	EUT SCAN XY XY XY XY XY XY XY XY XY EUT SCAN YZ YZ YZ YZ YZ YZ XZ XZ EUT SCAN	Polarity (H/V) H V H V Antenna Polarity (H/V) H V H V H V H V H V H V H V	angle degree 181 0 119 11 57 table angle degree 219 118 255 162 354 table angle degree	Height (cm) 100 100 100 100 100 100 100 100 100 10	AF (dB/m)	Amp (dB) eal Emission -43.31 -43.08 rection Fac Amp (dB) eal Emission -43.34 -43.08	Cable (dB) 1.84 1.84 1.85 0.85 5.35 5.79 tors Cable (dB) ons 1.84 1.84 1.84 5.79 tors Cable (dB) 1.73 5.44 5.79	рк (dB _W V/m) 78.81 80.43 39.00 34.89 37.42 Соггест рк (dB _W V/m) 70.96 72.28 32.83 35.48 40.38 Correct pk (dB _W V/m)	Qpk/Avg (dBμV/m) 78.73 79.14 37.88 20.70 22.64 ed Level Qpk/Avg (dBμV/m) 70.79 72.20 31.70 21.45 22.70 ed Level Qpk/Avg (dBμV/m) 75.59 80.61	pk (dBµV/m) 100.84 100.84 40.00 80.84 80.84 Lir pk (dBµV/m) 100.84 40.00 80.84 80.84 Lir pk (dBµV/m)	Qpk/Avg (dB _µ V/m) 80.84 40.00 ** 60.84 ** 60.84 ** Qpk/Avg (dB _µ V/m) 80.84 40.00 60.84 ** 40.00 60.84 ** 60.84 ** 80.84 80.84 80.84 80.84	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42 Ma pk (dBμV/m) -29.88 -28.56 -7.17 -45.36 -40.46 Ma pk (dBμV/m) -25.18	rgin Qpk/Avg (dBµV/m) -2.11 -1.70 -2.12 -40.14 -38.20 rgin Qpk/Avg (dBµV/m) -10.05 -8.64 -8.30 -39.39 -38.14 rgin Qpk/Avg (dBµV/m) -5.25
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN Frequency (MHz) 434.44 434.44 404.90 2162.00 2414.00 ZX SCAN Frequency (MHz) 434.44 434.44	рк (dB _W V) 60.69 62.31 30.21 46.61 47.74 Le pk (dB _W V) 52.84 54.16 15.48 46.91 50.70 Le pk (dB _W V)	Qpk/Avg (dBμV) 60.61 61.02 29.09 32.42 32.96	EUT SCAN XY XY XY XY XY XY EUT SCAN YZ YZ YZ YZ YZ XZ EUT SCAN	Polarity (H/V) H V H V Antenna Polarity (H/V) H V H Antenna Polarity H H H H H H H H H H H H H	angle degree 181 0 119 11 57 table angle degree 219 118 255 162 354 table angle degree 228 341	Height (cm) 100 100 100 100 100 100 100 100 100 10	AF (dB/m) 16.28 16.28 Spurious 7.94 26.24 26.97 Con AF (dB/m) undmant 16.28 Spurious 15.62 26.47 26.97 Con AF (dB/m) undmant 16.28 16.28	Amp (dB) eal Emission -43.31 -43.08 rection Fac Amp (dB) eal Emission -43.34 -43.08 rection Fac Amp (dB) eal Emission	Cable (dB) Ons 1.84 1.84 1.85 0.85 5.79 tors Cable (dB) Ons 1.84 1.84 5.79 tors Cable (dB) Ons 1.84 1.84 5.79	pk (dB _µ V/m) 78.81 80.43 39.00 34.89 37.42 Correct pk (dB _µ V/m) 70.96 72.28 32.83 35.48 40.38 Correct pk (dB _µ V/m)	Qpk/Avg (dB _µ V/m) 78.73 79.14 37.88 20.70 22.64 ed Level Qpk/Avg (dB _µ V/m) 70.79 72.20 31.70 21.45 22.70 ed Level Qpk/Avg (dB _µ V/m) 75.59	pk (dBµV/m) 100.84 100.84 80.84 Lir pk (dBµV/m) 100.84 80.84 80.84 Lir pk (dBµV/m) 100.84 80.84 80.84 lir pk (dBµV/m) 100.84 100.84 100.84 100.84 100.84	Qpk/Avg (dB _µ V/m) 80.84 80.84 40.00 ** 60.84 ** 60.84 ** Qpk/Avg (dB _µ V/m) 80.84 40.00 60.84 ** 60.84 ** it Qpk/Avg (dB _µ V/m) 80.84 40.00 60.84 ** 60.84 ** 80.84 August (dB _µ V/m) 80.84 80.84	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42 Ma pk (dBμV/m) -29.88 -28.56 -7.17 -45.36 -40.46 Ma pk (dBμV/m)	rgin Qpk/Avg (dBµV/m) -2.11 -1.70 -2.12 -40.14 -38.20 rgin Qpk/Avg (dBµV/m) -10.05 -8.64 -8.30 -39.39 -38.14 rgin Qpk/Avg (dBµV/m) Qpk/Avg (dBµV/m)
XY SCAN Frequency (MHz) 434.44 434.44 88.48 2120.00 2414.00 YZ SCAN Frequency (MHz) 434.44 434.44 404.90 22162.00 2414.00 ZX SCAN Frequency (MHz) 434.44 404.90 404.90 404.90 404.90 404.90	pk (dBμV) 60.69 62.31 30.21 46.61 47.74 Le pk (dBμV) 52.84 54.16 15.48 46.91 50.70 Le pk (dBμV) 57.54 62.54	Qpk/Avg (dBμV)	EUT SCAN XY XY XY XY XY XY EUT SCAN YZ YZ YZ YZ ZX ZX ZX	Polarity (H/V) H V Antenna Polarity (H/V) H V H V H V H V H Antenna Polarity (H/V) H H H H H H H H H H H H H	angle degree 181 0 119 11 57 table angle degree 219 118 255 162 354 table angle degree 228 341 343	Height (cm) 100 100 100 100 100 100 100 100 100 10	AF (dB/m)	Amp (dB) eal Emission -43.31 -43.08 rection Fac Amp (dB) eal Emission -43.34 -43.08 rection Fac Amp (dB) eal Emission -43.40 -43.54 -43.68	Cable (dB) 1.84 1.84 1.85 0.85 5.35 5.79 tors Cable (dB) 0ns 1.84 1.84 1.89 1.73 5.44 5.79 tors Cable (dB) 1.84 1.84 1.84 1.85 1.73	pk (dBµV/m) 78.81 80.43 39.00 34.89 37.42 Correct pk (dBµV/m) 70.96 72.28 32.83 35.48 40.38 Correct pk (dBµV/m) 39.66 80.66	Qpk/Avg (dBμV/m) 78.73 79.14 37.88 20.70 22.64 ed Level Qpk/Avg (dBμV/m) 70.79 72.20 31.70 21.45 22.70 ed Level Qpk/Avg (dBμV/m) 75.59 80.61 39.03	pk (dBµV/m) 100.84 100.84 40.00 80.84 80.84 Lir pk (dBµV/m) 100.84 100.84 Lir pk (dBµV/m) 100.84 40.00 80.84 80.84	Qpk/Avg (dBµV/m) 80.84 80.84 40.00 ** 60.84 ** 60.84 ** Qpk/Avg (dBµV/m) 80.84 40.00 60.84 ** 60.84 ** 100 100 100 100 100 100 100 100 100	Ma pk (dBμV/m) -22.03 -20.41 -1.00 -45.95 -43.42 Ma pk (dBμV/m) -29.88 -28.56 -7.17 -45.36 -40.46 Ma pk (dBμV/m) -25.18 -20.18	rgin Qpk/Avg (dBµV/m) -2.11 -1.70 -2.12 -40.14 -38.20 rgin Qpk/Avg (dBµV/m) -10.05 -8.64 -8.30 -39.39 -38.14 rgin Qpk/Avg (dBµV/m) -5.25 -0.23 -0.97



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10.4.3 F3(434.790 MHz)

XY SCAN														** F is Fun	id Freq	
Frequency	Level		EUT	Antenna	table	Mast	Correction Factors		Corrected Level		Limit		Margin			
rrequericy	pk	Qpk/Avg	SCAN	Polarity	angle	Height	AF	Amp	Cable	pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg	
(MHz)	(dBµV)	(dBµV)		(H/V)	degree	(cm)	(dB/m)	(dB)	(dB)	(dBµV/m)	(dBµV/m)	$(dB\mu V/m)$	$(dB\mu V/m)$	$(dB\mu V/m)$	$(dB\mu V/m)$	
						F	undmant	eal Emissi	ons							
434.79	60.55	60.46	XY	Н	198	100	16.28		1.84	78.67	78.58	100.85	80.85	-22.18	-2.27	
434.79	61.32	61.25	XY	V	5	100	16.28		1.84	79.44	79.37	100.85	80.85	-21,41	-1.48	
							Spurious	Emissior	ıs							
405.30	13.06	11.83	XY	V	95	100	15.62		1.73	30.41	29.18	40.00	40.00	-9.59	-10.82	
2162.00	49.23	33.00	XY	Н	103	100	26.47	-43.34	5.44	37.80	21.57	80.85	60.85 **	-43.05	-39.28	
2414.00	48.07	33.07	XY	Н	103	100	26.97	-43.08	5.79	37.75	22.75	80.85	60.85 **	-43.10	-38.10	
YZ SCAN			EUT							4						
Frequency	1000	Level		Antenna	table	Mast	2.00000	rection Fac	and the second	Correcte	ed Level	Limit		Margin		
rrequeries	pk	Qpk/Avg	SCAN	Polarity	angle	Height	AF	Amp	Cable	pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg	
(MHz)	(dBµV)	(dBµV)		(H/V)	degree	(cm)	(dB/m)	(dB)	(dB)	(dBµV/m)	(dBµV/m)	$(dB\mu V/m)$	(dBµV/m)	(dBµV/m)	$(dB\mu V/m)$	
							undmant	eal Emissi		1000						
434.79	62.62	62.54	YZ	Н	48	100	16.28		1.84	80.74	80.66	100.85	80.85	-20.11	-0.19	
434.79	62.94	62.59	YZ	V	201	100	16.28		1.84	81.06	80.71	100.85	80.85	-19.79	-0.14	
							Spuriou	Emission		0.000	10-10-10-10-10-10-10-10-10-10-10-10-10-1					
405.30	12.51	10.91	YZ	Н	248	100	15.62		1.73	29.86	28.26	40.00	40.00	-10.14	-11.74	
2162.00	46.91	32.81	YZ	Н	105	100	26.47	-43.34	5.44	35.48	21.38	80.85	60.85 **	-45.37	-39.47	
2414.00	46.30	32.93	YZ	V	105	100	26.97	-43.08	5.79	35.98	22.61	80.85	60.85 **	-44.87	-38.24	
ZX SCAN																
	Level		EUT Antenna table		table	Mast	Mast Correct		ection Factors		Corrected Level		Limit		Margin	
Frequency	pk	Qpk/Avg	SCAN	Polarity	angle	Height	AF	Amp	Cable	pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg	
(MHz)	(dBµV)	(dBµV)		(H/V)	degree	(cm)	(dB/m)	(dB)	(dB)	(dBµV/m)	(dBµV/m)	(dBµV/m)	(dBµV/m)	(dBµV/m)	$(dB\mu V/m)$	
							undmant	eal Emissi								
434.79	62.59	62.53	ZX	Н	330	100	16.28		1.84	80.71	80.65	100.85	80.85	-20.14	-0.20	
434.79	54.91	54.85	ZX	V	276	100	16.28		1.84	73.03	72.97	100.85	80.85	-27.82	-7.88	
				· · · · ·				Emission		100						
405.30	19.66	18.97	ZX	H	344	100	15.62	12.12	1.73	37.01	36.32	80.85	60.85 **	-43.84	-24.53	
1301.00	43.74	30.21	ZX	H	292	100	24.75	-43.12	4.17	29.54	16.01	80.85	60.85 **	-51.31	-44.84	
2421.00	48.01	32.56	ZX	V	117	100	26.97	-43.08	5.79	37.69	22.24	80.85	60.85 **	-43.16	-38.61	

→ Emissions not reported below the noise floor of the measurement system.



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FCCID: W8PRF-60MP

11. Duty Cycle Correction Factor

11.1 Definition

For average radiated measurements, the measured level was reduced by a factor X dB to account for the duty cycle of the EUT.

11.2 Test Procedure

Remove the antenna from the EUT and then connect a phase stable low loss RF cable from the antenna port to the spectrum analyzer.

Set center frequency of spectrum analyzer = operation frequency
Set the spectrum analyzer as RBW=1 MHz, VBW=1 MHz, Span=0 Hz, Sweep Time=100 ms
Repeat above procedure all frequency measured were completed.

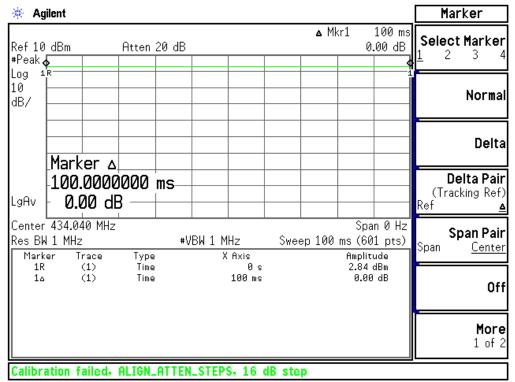
The worst case duty cycle was determined to be 100%.

The duty cycle correction factor is determined using the formula: $20\log (100/100) = 0$ dB. Determination of the duty cycle correction is included in the plots and justification below.

11.3 Test Results

11.3.1 F1(434.040 MHz)

Duty cycle correction factor = 0 dB



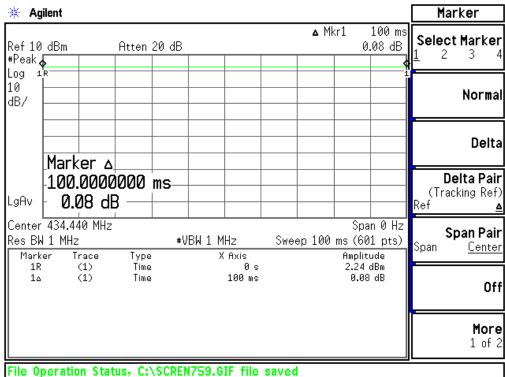


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11.3.2 F2(434.440 MHz)

Duty cycle correction factor = 0 dB



11.3.3 F3(434.790 MHz)

Duty cycle correction factor = 0 dB

