

FCC RADIO TEST REPORT

FCC ID : H8NRAC2V1K
Equipment : DBDC ROUTER
Brand Name : Charter
Model Name : RAC2V1K
Applicant : Askey Computer Corp.
10F, NO.119, JIANKANG RD., ZHONGHE DIST.,
NEW TAIPEI CITY 23585, TAIWAN
Manufacturer : Askey Computer Corp.
10F, NO.119, JIANKANG RD., ZHONGHE DIST.,
NEW TAIPEI CITY 23585, TAIWAN
Standard : 47 CFR FCC Part 15.247

The product was received on Dec. 05, 2018, and testing was started from Dec. 08, 2018 and completed on Dec. 27, 2018. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB Ver1.0



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Cindy Peng



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	4TX
2.4-2.4835GHz	802.11g	20	4TX
2.4-2.4835GHz	802.11n HT20	20	4TX
2.4-2.4835GHz	802.11n HT20-BF	20	4TX
2.4-2.4835GHz	802.11n HT40	40	4TX
2.4-2.4835GHz	802.11n HT40-BF	40	4TX

Note:

- ♦ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ♦ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Nss-Min is the minimum number of spatial streams.
- ♦ Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Antenna Information

Ant.	Brand	Part Number	Antenna Type	Connector	Gain (dBi)			Remark
					2.4G	5G B1	5G B4	
1	Airgain	N2420GS	PCB Antenna	I-PEX	1	-	-	2.4GHz TX/RX
2	Airgain	N2420GS	PCB Antenna	I-PEX	1	-	-	2.4GHz TX/RX
3	Airgain	N2420GS	PCB Antenna	I-PEX	1	-	-	2.4GHz TX/RX
4	Airgain	N2420GS	PCB Antenna	I-PEX	1	-	-	2.4GHz TX/RX
5	Airgain	M5x05C (Longer)	PCB Antenna	I-PEX	-	1.2	1.2	5GHz TX/RX
6	Airgain	M5x05C	PCB Antenna	I-PEX	-	1.2	1.2	5GHz TX/RX
7	Airgain	M5x05C	PCB Antenna	I-PEX	-	1.2	1.2	5GHz TX/RX
8	Airgain	M5x05C (Longer)	PCB Antenna	I-PEX	-	1.2	1.2	5GHz TX/RX

Note: The above information was declared by manufacturer.

Note: The EUT has eight antennas.

For 2.4GHz function (4TX/4RX):

Ant. 1 (P1), Ant. 2 (P2), Ant. 3 (P3) and Ant. 4 (P4) could transmit/receive simultaneously.

For 5GHz function (4TX/4RX):

Ant. 5 (P1), Ant. 6 (P2), Ant. 7 (P3) and Ant. 8 (P4) could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

For Non-beamforming mode

Mode	DC	DCF(dB)
802.11b	0.994	0.026
802.11g	0.972	0.123
802.11n HT40	0.973	0.119

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From power adapter		
Beamforming Function	☒ With beamforming	☐ Without beamforming	
Function	☒ Point-to-multipoint	☐ Point-to-point	
Test Software Version	The product has beamforming function for 802.11n/ac.		

Note: The above information was declared by manufacturer.



1.1.5 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR711935-03

Below is the table for the change of the product with respect to the original one.

Modifications				Performance Checking																
Changing the 2.4GHz filter on TOP PCB. The difference between original 2.4GHz filter and new 2.4GHz filter as below: <table><tr><th colspan="2">Original 2.4GHz filter</th><th colspan="2">New 2.4GHz filter</th></tr><tr><th>Position</th><th>P/N</th><th>Position</th><th>P/N</th></tr><tr><td>FL5,FL6,FL7,FL8</td><td>0906-011G000</td><td>FL5,FL6,FL7,FL8</td><td>0906-0130000</td></tr><tr><td>FL1,FL2,FL3,FL4</td><td>0906-013CE00</td><td>FL1,FL2,FL3,FL4</td><td>0906-013HK00</td></tr></table>				Original 2.4GHz filter		New 2.4GHz filter		Position	P/N	Position	P/N	FL5,FL6,FL7,FL8	0906-011G000	FL5,FL6,FL7,FL8	0906-0130000	FL1,FL2,FL3,FL4	0906-013CE00	FL1,FL2,FL3,FL4	0906-013HK00	Emissions in Restricted Frequency Bands Above 1GHz for 802.11b 2412 MHz, 802.11g 2437 MHz, 802.11n HT40 2452 MHz, and they are worst case of original test report. (The test results are based on original output power to re-test.)
				Original 2.4GHz filter		New 2.4GHz filter														
				Position	P/N	Position	P/N													
				FL5,FL6,FL7,FL8	0906-011G000	FL5,FL6,FL7,FL8	0906-0130000													
				FL1,FL2,FL3,FL4	0906-013CE00	FL1,FL2,FL3,FL4	0906-013HK00													

1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ FCC KDB 558074 D01 v05
- ♦ FCC KDB 662911 D01 v02r01

1.3 Testing Location Information

Testing Location		
☐	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL : 886-3-327-3456 FAX : 886-3-327-0973
☒	JHUBEI	ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C. TEL : 886-3-656-9065 FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH01-CB	Welson Chen	22°C / 54%	Dec. 08, 2018~Dec. 27, 2018

Test site Designation No. TW0006 with FCC.

Test site registered number IC 4086D with Industry Canada.

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode > 1GHz	CTX

Note: The EUT can only be used at Y axis position.

2.2 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.



2.3 Accessories

Accessories				
No.	Equipment Name	Brand Name	Model No.	Rating
1	Adapter 1	Sunny	SYS1564-3012-W2	INPUT: 100-240Vac, 50-60Hz, 1.0A MAX. OUTPUT: 12Vdc, 2.5A
2	Adapter 2	Ktec	KSA-36W-120250HU	INPUT: 100-240Vac, 50/60Hz, 1.0A OUTPUT: 12Vdc, 2.5A

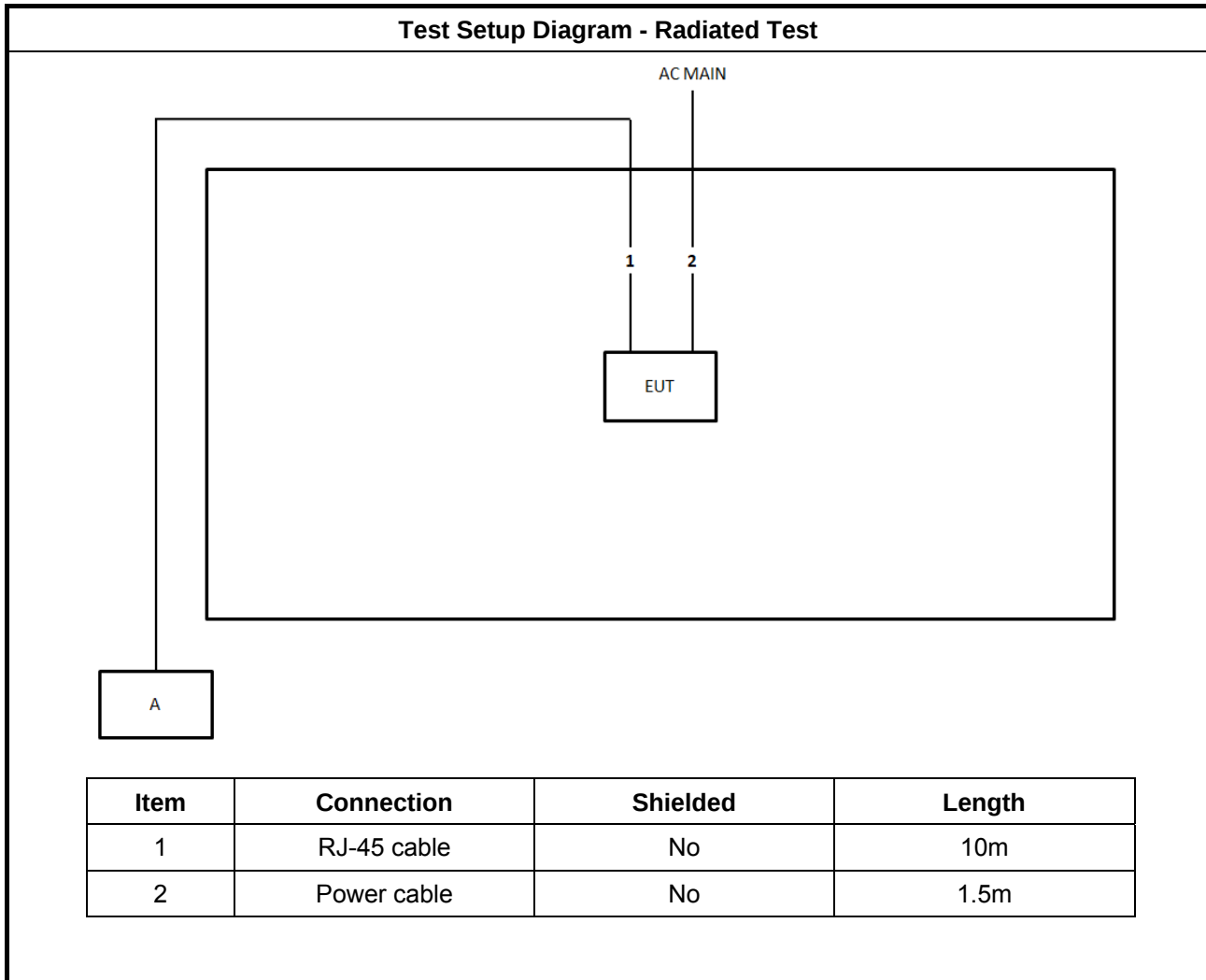
Note: The power adapter does not affect the test result of RF tests, so only adapter 1 was tested and recorded in this report.

2.4 Support Equipment

For Test Site No: 03CH01-CB

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A

2.5 Test Setup Diagram





3 Transmitter Test Result

3.1 Emissions in Restricted Frequency Bands

3.1.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions Limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

3.1.2 Measuring Instruments

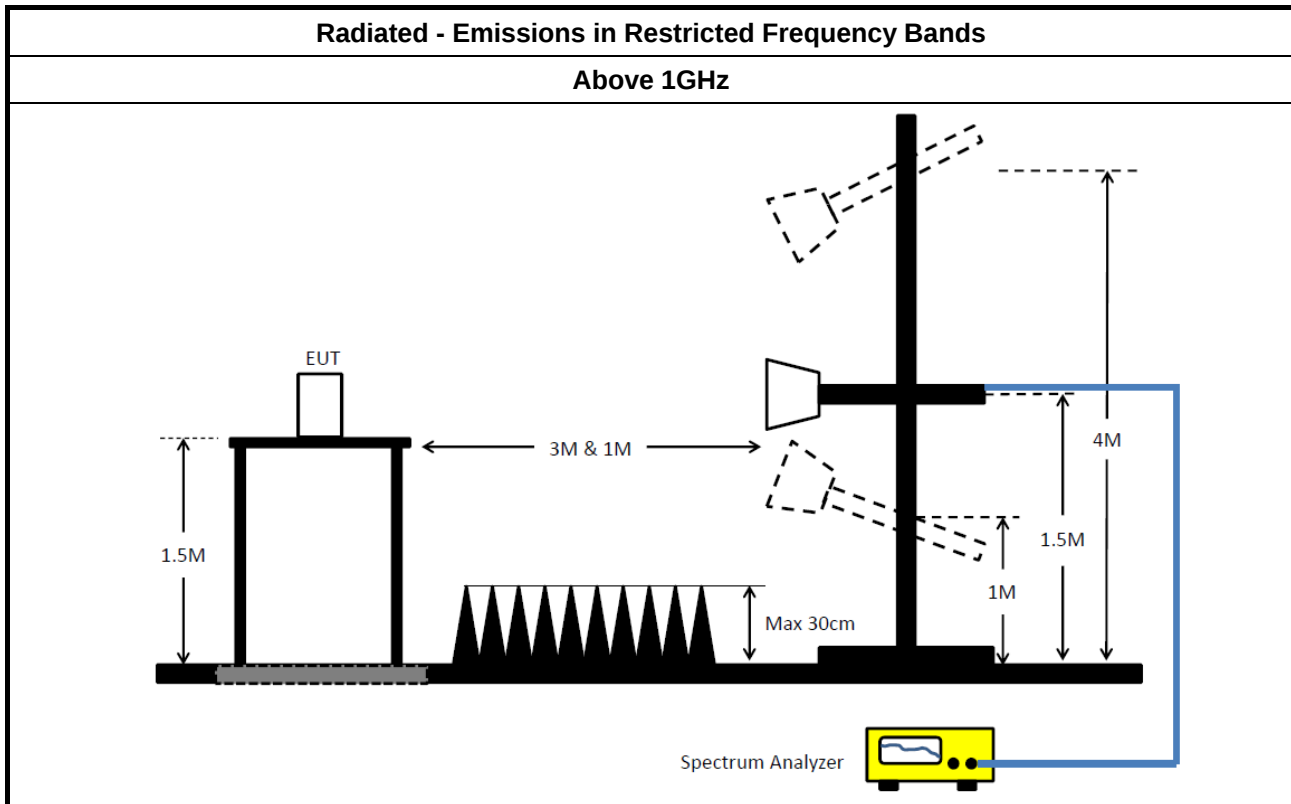
Refer a test equipment and calibration data table in this test report.



3.1.3 Test Procedures

Test Method	
The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle $\geq 98\%$).
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
	☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW $\geq 1/T$).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq 1/T$, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
For the transmitter band-edge emissions shall be measured using following options below:	
	Refer as FCC KDB 558074 clause 8.7 & C63.10 clause 11.13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
	Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
	For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

3.1.4 Test Setup



3.1.5 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix A

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 13, 2018	Nov. 12, 2019	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 28, 2018	Jun. 27, 2019	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 09, 2018	Jan. 08, 2019	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 04, 2018	Jul. 03, 2019	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 03, 2018	Oct. 02, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)

Note: Calibration Interval of instruments listed above is one year.



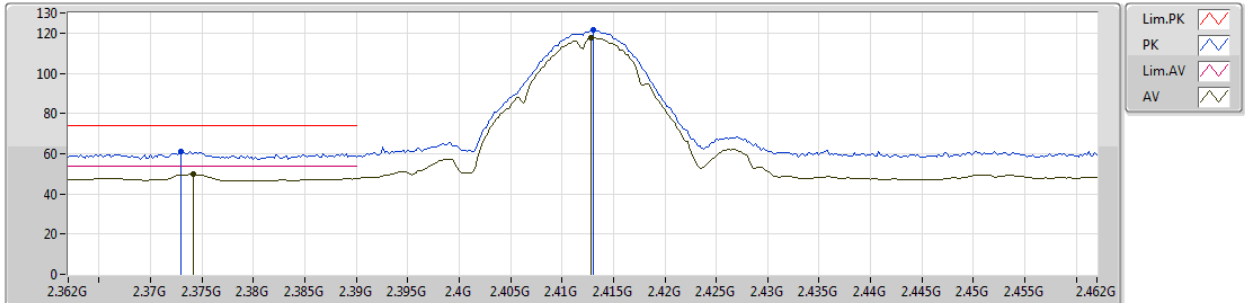
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_4TX	Pass	AV	2.4835G	53.98	54.00	-0.02	32.23	3	Horizontal	95	2.10	-

802.11b_Nss1,(1Mbps)_4TX

18/12/2018

2412MHz_TX



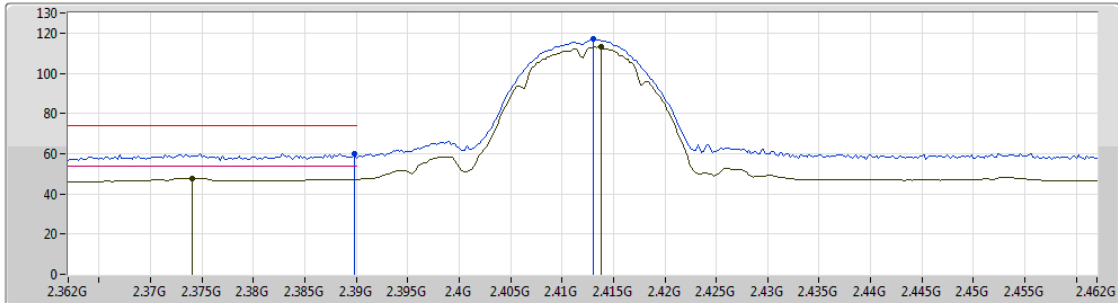
EUT_Y_4TX
Setting 22.5
01-W-3
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.373G	61.10	74.00	-12.90	30.74	3	Vertical	92	2.13	-
AV	2.3742G	49.68	54.00	-4.32	30.74	3	Vertical	92	2.13	-
PK	2.413G	121.50	Inf	-Inf	30.86	3	Vertical	92	2.13	-
AV	2.4128G	117.53	Inf	-Inf	30.86	3	Vertical	92	2.13	-

802.11b_Nss1,(1Mbps)_4TX

18/12/2018

2412MHz_TX



Lim.PK
PK
Lim.AV
AV

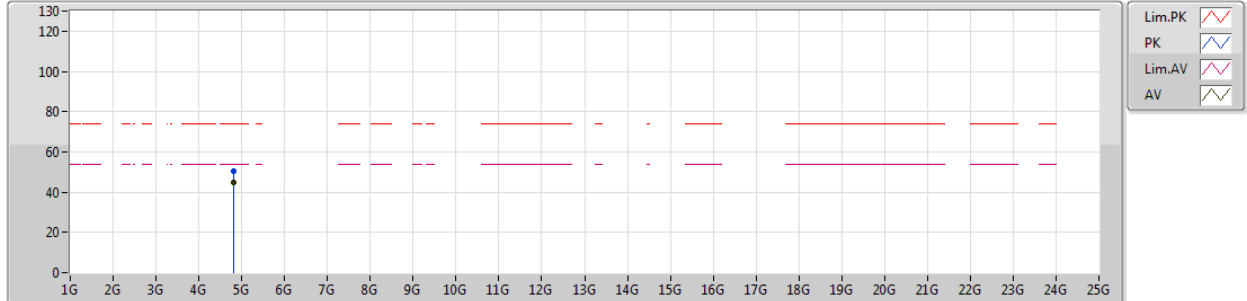
EUT Y_4TX
Setting 22.5
01-W-3
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3898G	59.78	74.00	-14.22	30.80	3	Horizontal	337	2.85	-
AV	2.374G	47.90	54.00	-6.10	30.74	3	Horizontal	337	2.85	-
PK	2.413G	116.85	Inf	-Inf	30.86	3	Horizontal	337	2.85	-
AV	2.4138G	112.98	Inf	-Inf	30.86	3	Horizontal	337	2.85	-

802.11b_Nss1,(1Mbps)_4TX

18/12/2018

2412MHz_TX



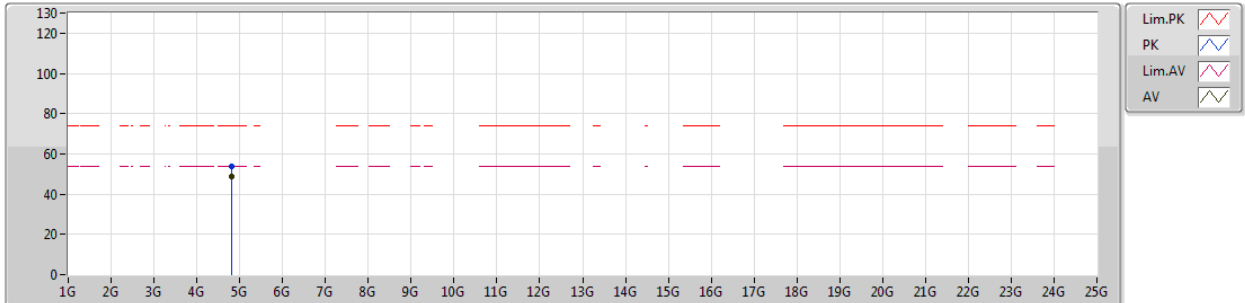
EUT Y_4TX
Setting 22.5
03-J-1
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.82396G	50.71	74.00	-23.29	4.97	3	Vertical	198	1.45	-
AV	4.82392G	44.61	54.00	-9.39	4.97	3	Vertical	198	1.45	-

802.11b_Nss1,(1Mbps)_4TX

18/12/2018

2412MHz_TX



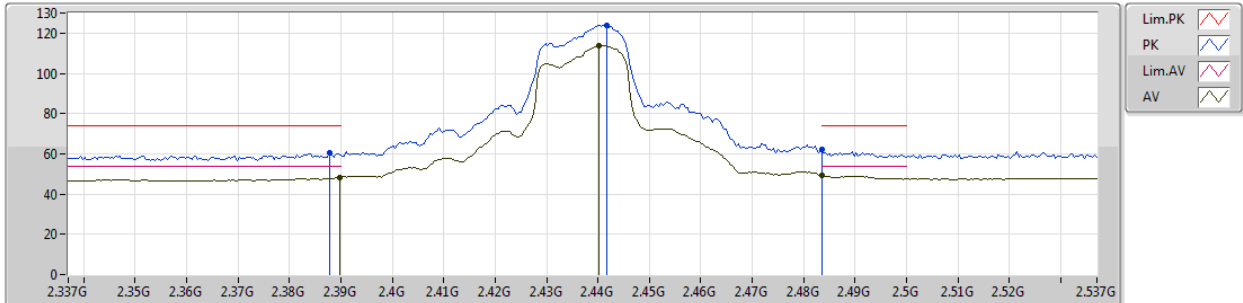
EUT Y_4TX
Setting 22.5
03-J-1
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.82398G	53.60	74.00	-20.40	4.97	3	Horizontal	296	2.60	-
AV	4.82397G	48.91	54.00	-5.09	4.97	3	Horizontal	296	2.60	-

802.11g_Nss1,(6Mbps)_4TX

18/12/2018

2437MHz_TX



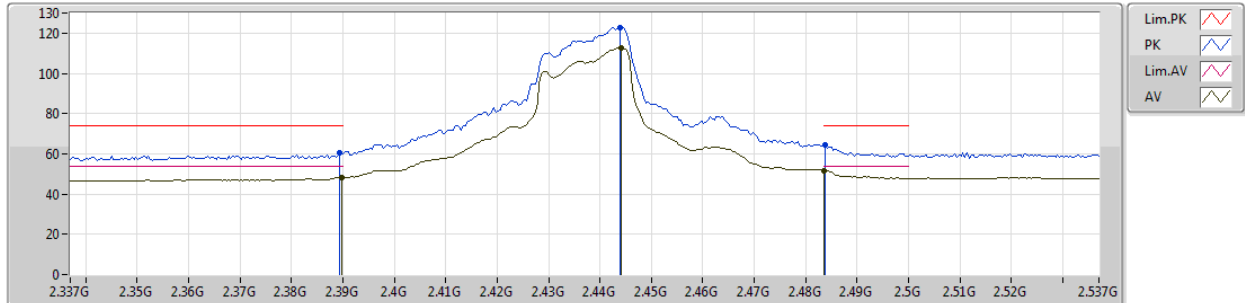
EUT Y_4TX
Setting 22.5
01-W-3
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3878G	60.70	74.00	-13.30	30.79	3	Vertical	79	1.29	-
AV	2.3898G	48.29	54.00	-5.71	30.80	3	Vertical	79	1.29	-
PK	2.4418G	123.80	Inf	-Inf	30.90	3	Vertical	79	1.29	-
AV	2.4402G	113.69	Inf	-Inf	30.90	3	Vertical	79	1.29	-
PK	2.4835G	62.41	74.00	-11.59	30.96	3	Vertical	79	1.29	-
AV	2.4835G	49.24	54.00	-4.76	30.96	3	Vertical	79	1.29	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

18/12/2018



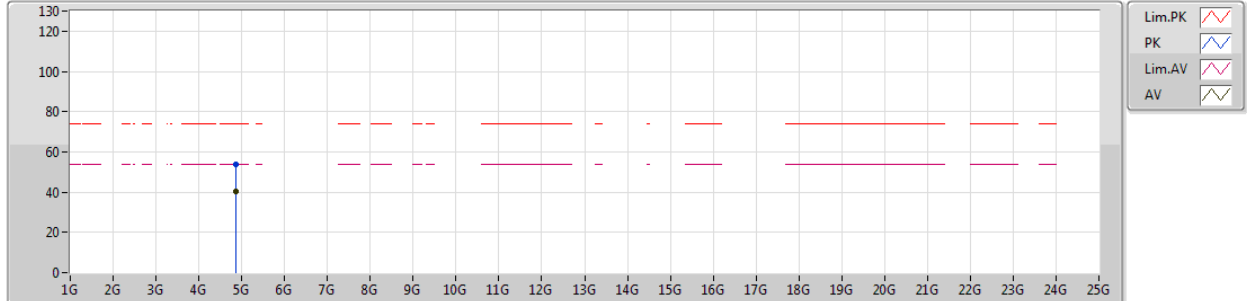
EUT_Y_4TX
Setting 22.5
01-W-3
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3894G	60.49	74.00	-13.51	30.80	3	Horizontal	88	1.92	-
AV	2.3898G	48.40	54.00	-5.60	30.80	3	Horizontal	88	1.92	-
PK	2.4438G	122.93	Inf	-Inf	30.90	3	Horizontal	88	1.92	-
AV	2.4442G	112.82	Inf	-Inf	30.90	3	Horizontal	88	1.92	-
PK	2.4838G	64.23	74.00	-9.77	30.96	3	Horizontal	88	1.92	-
AV	2.4835G	51.72	54.00	-2.28	30.96	3	Horizontal	88	1.92	-

802.11g_Nss1,(6Mbps)_4TX

18/12/2018

2437MHz_TX



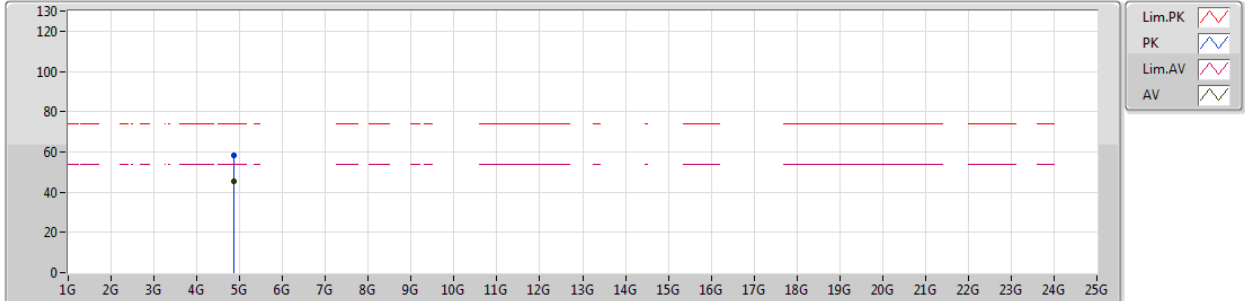
EUT Y_4TX
Setting 22.5
01-W-3
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87028G	53.62	74.00	-20.38	3.84	3	Vertical	304	1.30	-
AV	4.87196G	40.20	54.00	-13.80	3.86	3	Vertical	304	1.30	-

802.11g_Nss1,(6Mbps)_4TX

18/12/2018

2437MHz_TX



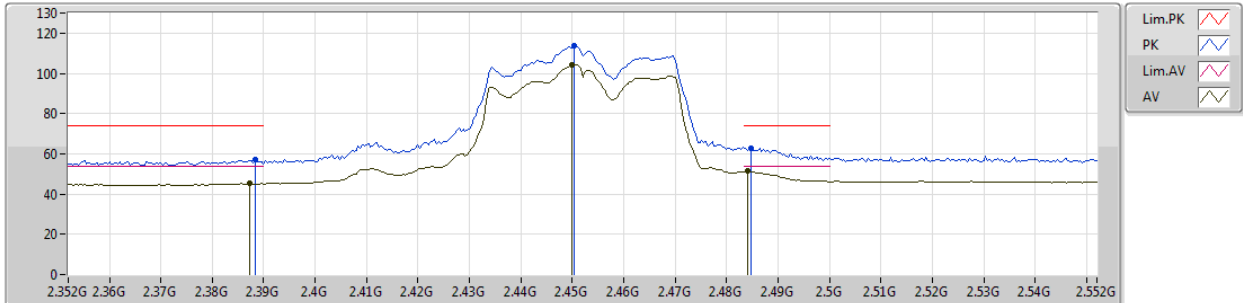
EUT Y_4TX
Setting 22.5
01-W-3
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
PK	4.87034G	58.41	74.00	-15.59	3.84	3	Horizontal	312	2.04	-							
AV	4.8719G	45.30	54.00	-8.70	3.86	3	Horizontal	312	2.04	-							

802.11n HT40_Nss1,(MCS0)_4TX

18/12/2018

2452MHz_TX



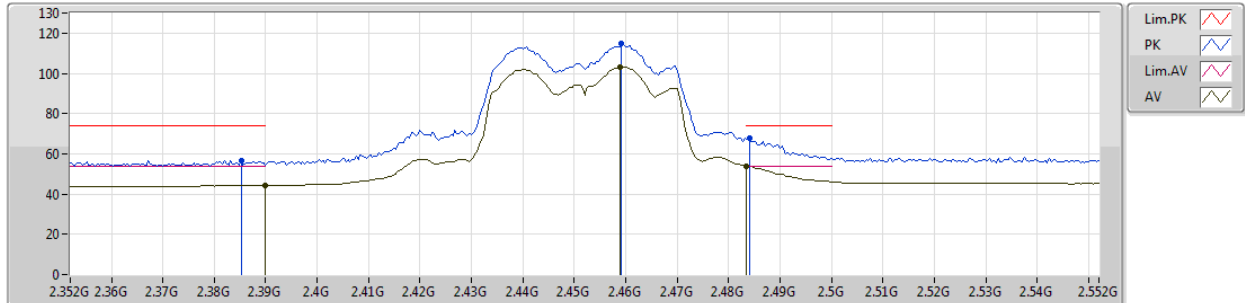
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Setting 17
03-J-1
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3884G	57.01	74.00	-16.99	31.95	3	Vertical	119	1.85	-
AV	2.3872G	45.26	54.00	-8.74	31.94	3	Vertical	119	1.85	-
PK	2.4504G	113.53	Inf	-Inf	32.13	3	Vertical	119	1.85	-
AV	2.45G	104.12	Inf	-Inf	32.13	3	Vertical	119	1.85	-
PK	2.4848G	62.95	74.00	-11.05	32.23	3	Vertical	119	1.85	-
AV	2.484G	51.37	54.00	-2.63	32.23	3	Vertical	119	1.85	-

802.11n HT40_Nss1,(MCS0)_4TX

18/12/2018

2452MHz_TX



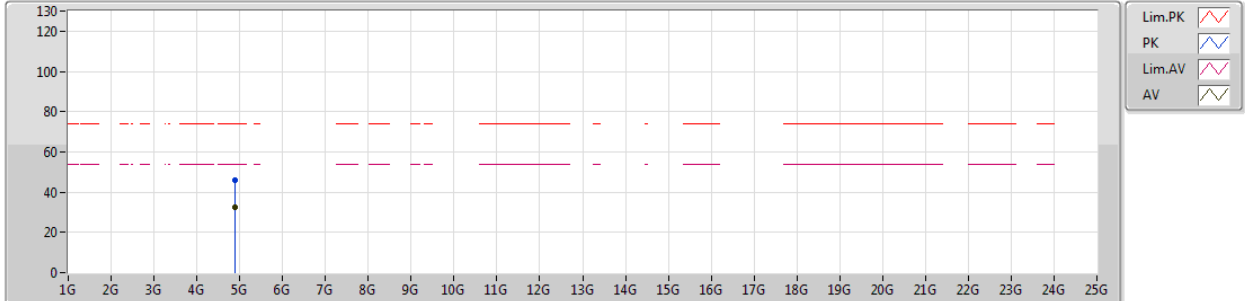
EUT Y_4TX
Setting 17
03-J-1
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3852G	56.61	74.00	-17.39	31.94	3	Horizontal	95	2.10	-
AV	2.39G	44.33	54.00	-9.67	31.95	3	Horizontal	95	2.10	-
PK	2.4592G	114.71	Inf	-Inf	32.15	3	Horizontal	95	2.10	-
AV	2.4588G	103.13	Inf	-Inf	32.15	3	Horizontal	95	2.10	-
PK	2.484G	67.59	74.00	-6.41	32.23	3	Horizontal	95	2.10	-
AV	2.4835G	53.98	54.00	-0.02	32.23	3	Horizontal	95	2.10	-

802.11n HT40_Nss1,(MCS0)_4TX

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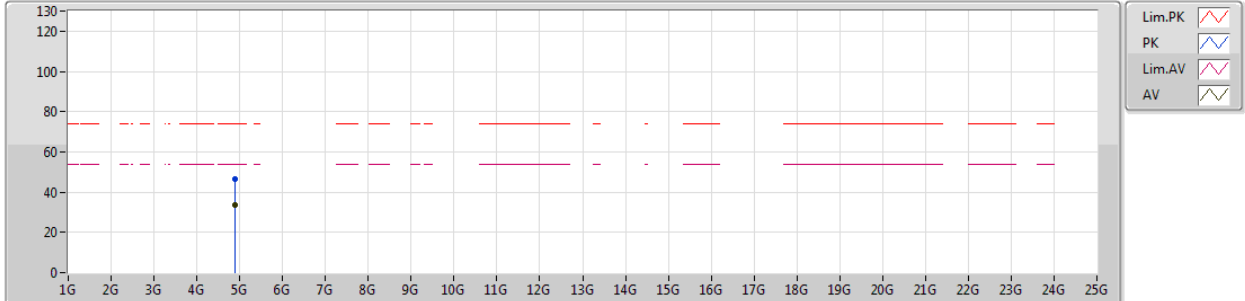
EUT Y_4TX
Setting 17
01-W-3
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.90178G	46.19	74.00	-27.81	3.99	3	Vertical	301	1.40	-
AV	4.90034G	32.39	54.00	-21.61	3.98	3	Vertical	301	1.40	-

802.11n HT40_Nss1,(MCS0)_4TX

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EUT Y_4TX
Setting 17
01-W-3
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.9003G	46.37	74.00	-27.63	3.98	3	Horizontal	291	2.82	-
AV	4.8998G	33.68	54.00	-20.32	3.98	3	Horizontal	291	2.82	-