

FCC Test Report

FCC ID : E2K-N03G001
Equipment : Internet of Things Gateway
Brand Name : DELL
Model Name : N03G001
Applicant/
Manufacturer : Dell Inc.
One Dell Way, Round Rock, Texas 78682, USA
Standard : 47 CFR FCC Part 15.247

The product was received on Jan. 26, 2017, and testing was started from May 03, 2017 and completed on Feb. 01, 2019. . 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: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

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History of this test report

Report No.	Version	Description	Issued Date
FR712529-06AC	01	Initial issue of report	Feb. 20, 2019

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	FCC 15.203
3.1	15.207	AC Power-line Conducted Emissions	PASS	FCC 15.207
3.2	15.247(b)	Maximum Conducted Output Power	PASS	Power [dBm]: 30
3.3	15.247(d)	Emissions in Restricted Frequency Bands	PASS	Restricted Bands: FCC 15.209

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:

None

Reviewed by: Sam Tsai

Report Producer: Jenny Yang

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)	2412-2472	1-13 [13]
2400-2483.5	n (HT40)	2422-2462	3-11 [9]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	1TX
2.4-2.4835GHz	802.11n HT40	40	1TX

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.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	parsec	PTA WIFI Blade	blade antenna	SMA

Ant.	Port	Peak Gain (dBi)	
		2.4G	BT
1	1	4.7	4.7

For 2.4GHz function:

For IEEE 802.11 b/g/n mode (1TX/1RX)

Ant. 1 (port 1) could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 1 (port 1) could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter		
EUT Function	☒ Point-to-multipoint	☐ Point-to-point	
Beamforming Function	☐ With beamforming	☒ Without beamforming	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:		...
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		...
☐	Other:		

1.1.4 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR712529-01AC

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

Modifications	Performance Checking
Antenna was added	AC Power-line Conducted Emissions Maximum Conducted Output Power Emissions in Restricted Frequency Bands

1.1.5 Table for Multiple Listing

SKU	Description
1	Base
2	GPA
3	Media

The only difference among these SKUs is I/O port.

Note. SKU 3 configuration was pretested and found to be the worst case and measured during the test.

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
- ♦ KDB 558074 D01 v05r01

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
Test site Designation No. TW1190 with FCC.			
☐	JHUBEI	ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.)	
		TEL : 886-3-656-9065	FAX : 886-3-656-9085
Test site Designation No. TW0006 with FCC.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Lego	23°C / 54%	24/Jan/2019
RF Conducted	TH07-HY	Candy	24.2°C / 62.2%	03/May/2017
	TH01-HY	Barry	24.6°C / 69%	01/Feb/2019
Radiated	03CH09-HY	Kevin	22.9°C / 47%	31/Jan/2019

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
Conducted Emission (150kHz ~ 30MHz)	3.54 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	1.6 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%
Temperature	0.7 °C	Confidence levels of 95%
Humidity	4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	Adapter Mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Conducted Output Power
Test Condition	Conducted measurement at transmit chains

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	CTX		
1	Adapter Mode		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V	

2.3 Accessories

Accessories				
AC Adapter	Brand Name	DELL	Model Name	DA65NM130
	Manufacturer	DELTA	SN	
	Power Rating	I/P: 100 - 240Vac, 1.7A, O/P: 19.5 Vdc, 3.34A		
	Power Cord	0.9 meter, non-shielded cable, w/o ferrite core 1.8 meter, non-shielded cable, w/o ferrite core(DC output cable) 0.12 meter, non-shielded cable, w/o ferrite core(DC to DC cable)		

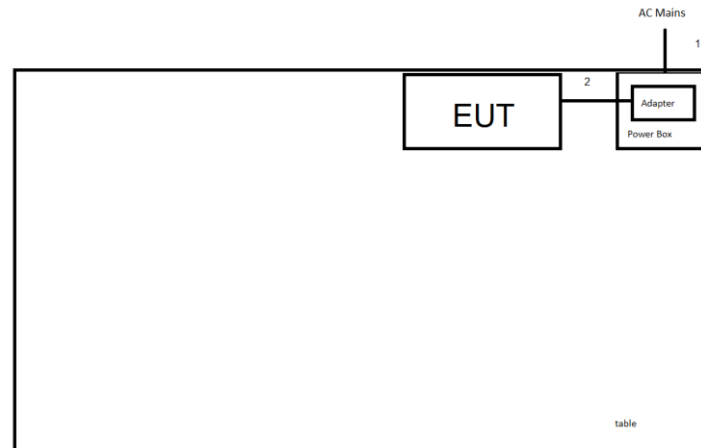
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

Support Equipment - RF Conducted				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	DOC
2	Adapter for NB	DELL	HA65NM130	DOC

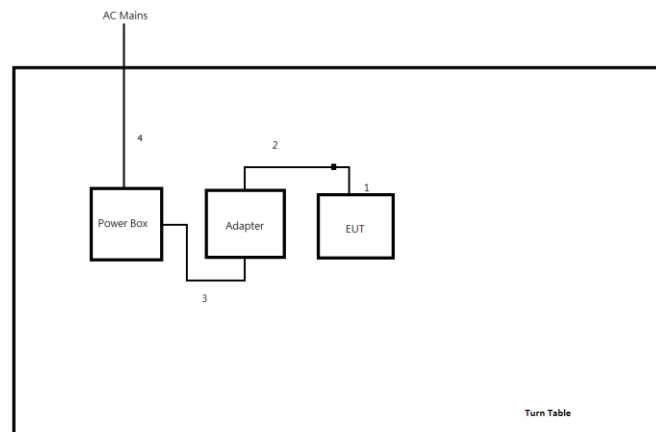
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8	-
2	DC Power line	No	1.8	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	DC Power Cord	No	0.12	-
2	DC Power Cord	No	1.8	-
3	AC Power Cord	No	0.9	-
4	AC Power Cord	No	0.9	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

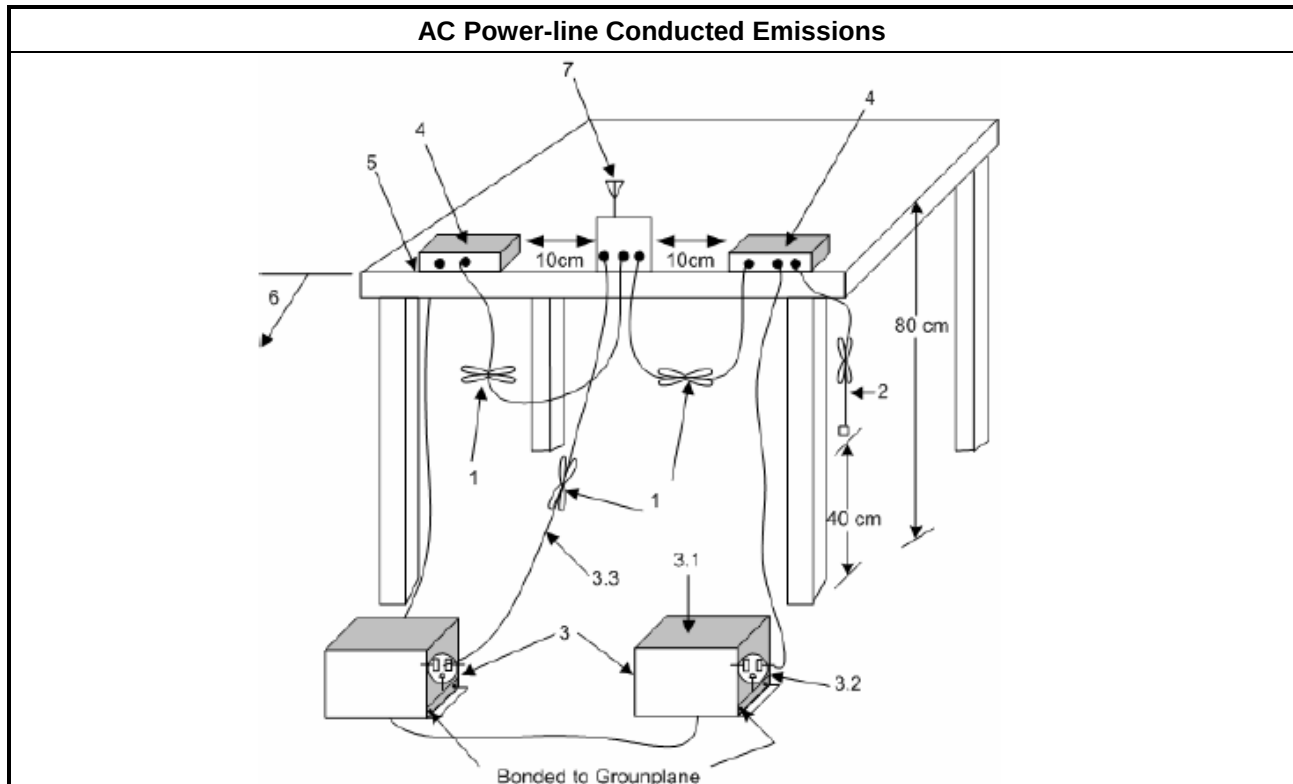
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit		
	▪	If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	▪	Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	▪	Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	▪	Smart antenna system (SAS):
	-	Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	-	Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	-	Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm
e.i.r.p. Power Limit:		
	▪	2400-2483.5 MHz Band
	▪	Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
	▪	Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm
	▪	Smart antenna system (SAS)
	-	Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	-	Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	-	Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.		

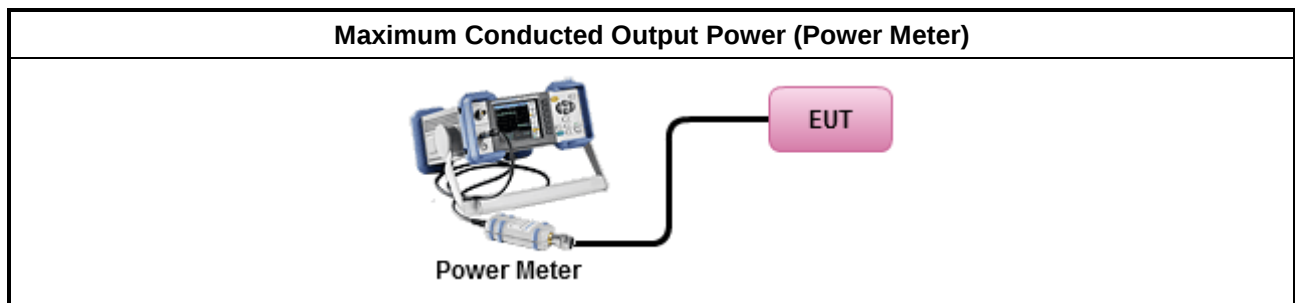
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
☐	Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
☐	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
Maximum Average Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
☒	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Emissions in Restricted Frequency Bands

3.3.1 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.

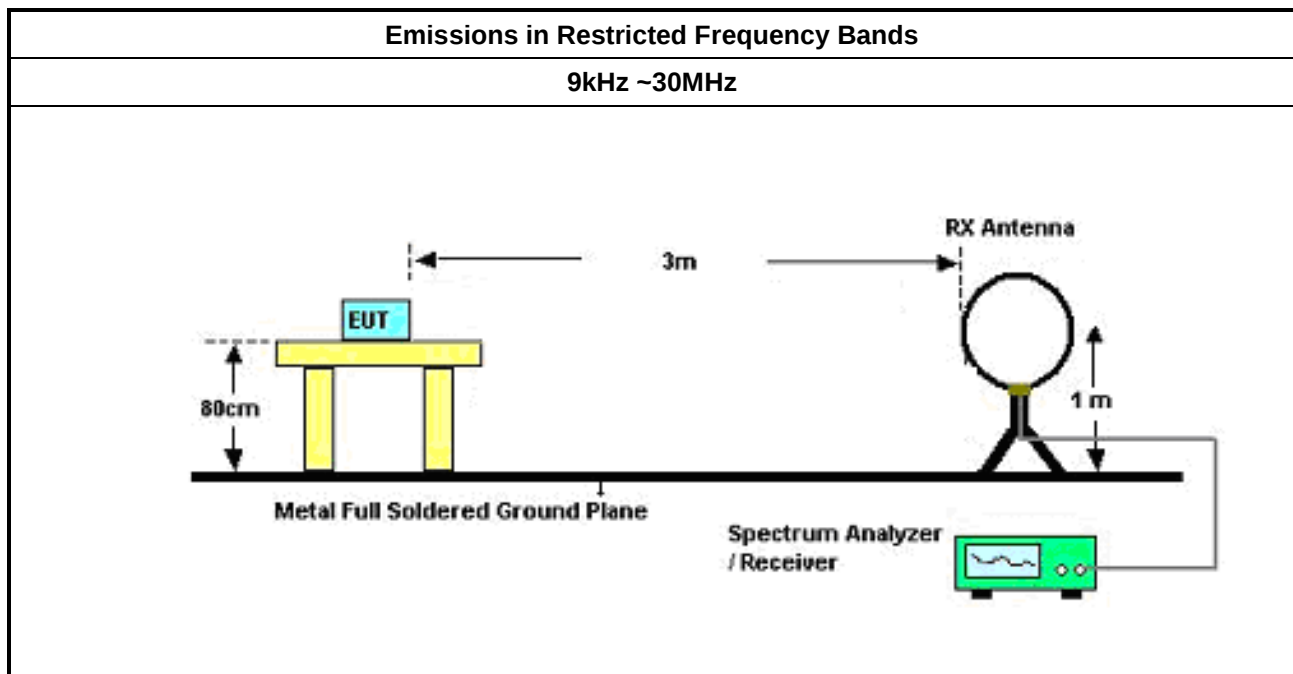
3.3.2 Measuring Instruments

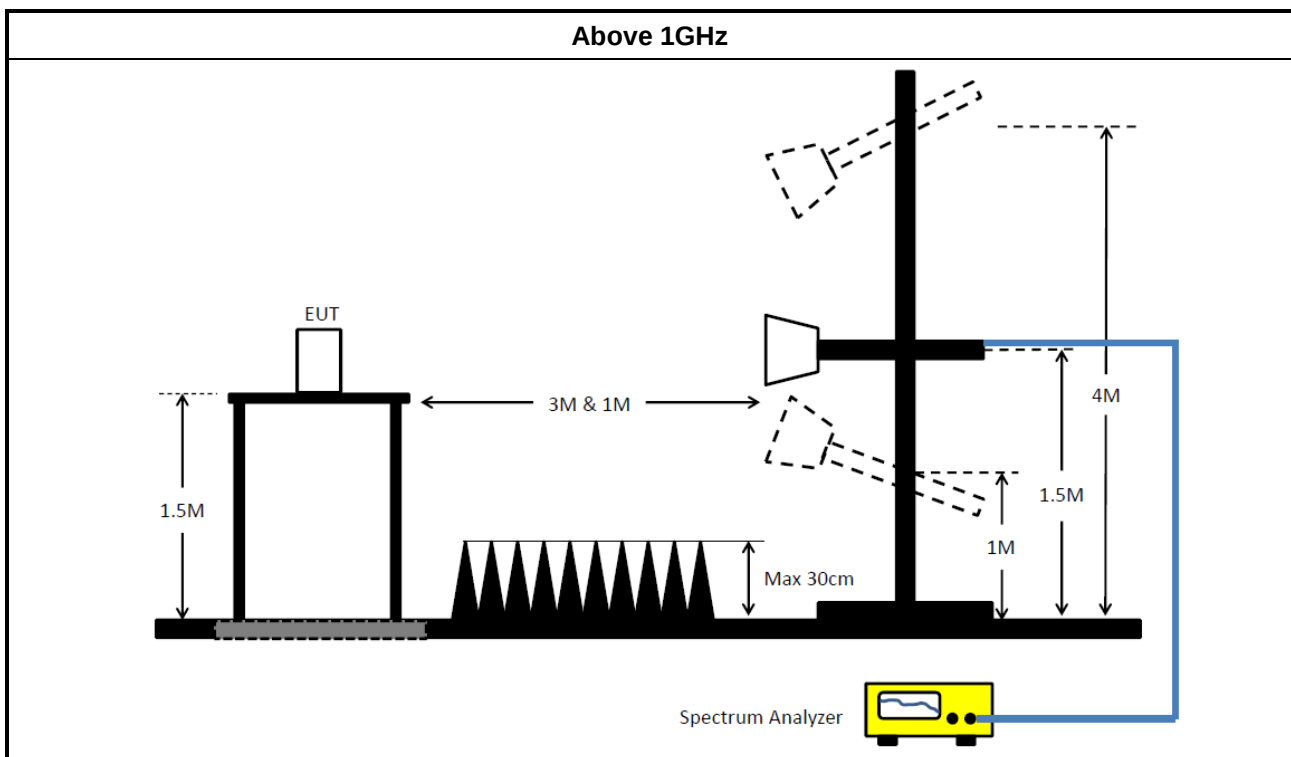
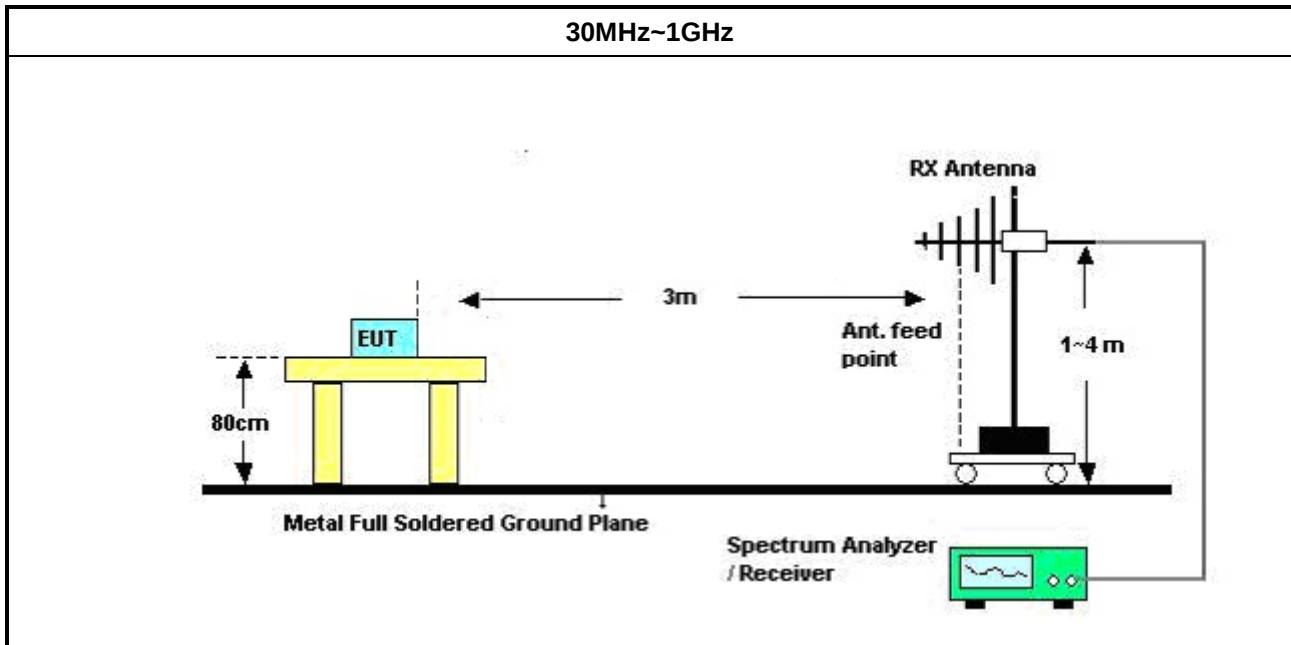
Refer a test equipment and calibration data table in this test report.

3.3.3 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 KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
For the transmitter band-edge emissions shall be measured using following options below:	
	Refer as KDB 558074 clause 8.7.1, 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 KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.

3.3.4 Test Setup





3.3.5 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

3.3.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix C

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR	102051	9KHz ~ 3.6GHz	03/May/2018	02/May/2019
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	08/Nov/2018	07/Nov/2019
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	17/Sep/2018	16/Sep/2019
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	12/Oct/2018	11/Oct/2019

NCR : Non-Calibration Require

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101500	9kHz~40GHz	12/May/2016	11/May/2017
Power Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	27/Oct/2016	26/Oct/2017
Power Meter	Anritsu	ML2495A	1124009	300MHz ~ 40GHz	27/Oct/2016	26/Oct/2017
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	21/Jul/2016	20/Jul/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
Spectrum Analyzer	R&S	FSV 40	101029	10Hz~40GHz	11/Sep/2018	10/Sep/2019
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz~1G	11/Jan/2019	10/Jan/2020
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	1G~18G	11/Jan/2019	10/Jan/2020
Cable 0.2m	HUBER	MY10711/4	RF Cable - 01	30MHz~1G	11/Jan/2019	10/Jan/2020
Cable 0.2m	HUBER	MY10711/4	RF Cable - 01	1G~18G	11/Jan/2019	10/Jan/2020
Cable 0.5m	HUBER	MY10714/4	RF Cable - 05	30MHz~1G	11/Jan/2019	10/Jan/2020
Cable 0.5m	HUBER	MY10714/4	RF Cable - 05	1G~18G	11/Jan/2019	10/Jan/2020

**Instrument for Radiated Test**

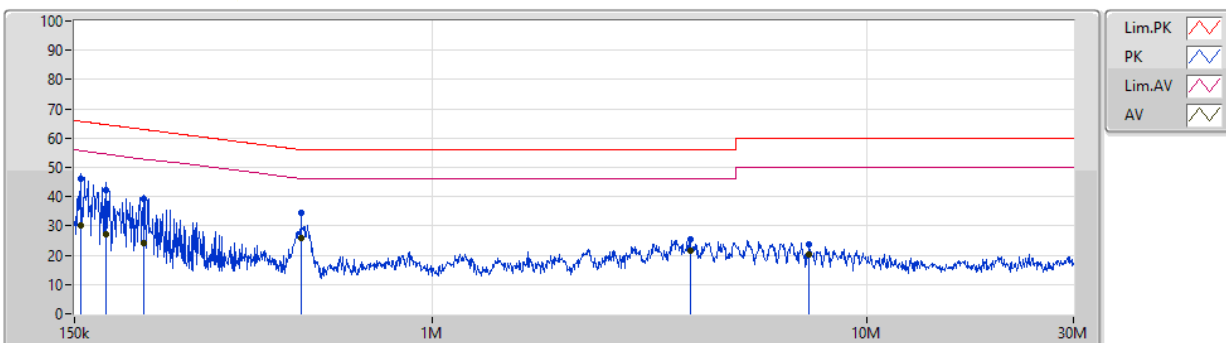
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	23/Apr/2018	22/Apr/2019
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	14/Jun/2018	13/Jun/2019
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	10/May/2018	09/May/2019
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	27/Apr/2018	26/Apr/2019
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	10/Apr/2018	09/Apr/2019
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	31/Jul/2018	30/Jul/2019
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D & MTJ6102-05	35418 / 3	30MHz~1GHz	02/Oct/2018	03/Oct/2019
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	30/Apr/2018	29/Apr/2019
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	29/Mar/2018	28/Mar/2019
RF Cable-R03m	Jye Bao	RG142	CB031	9kHz ~ 1GHz	1/Feb/2018	31/Jan/2019
RF Cable-high	HUBER+SUHNER	SUCOFLEX104	SN 556626/4 + 556627	1GHz ~ 40GHz	14/Mar/2018	13/Mar/2019
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	14/Mar/2018	13/Mar/2019

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Adapter Mode		

AC Conduction

24/01/2019



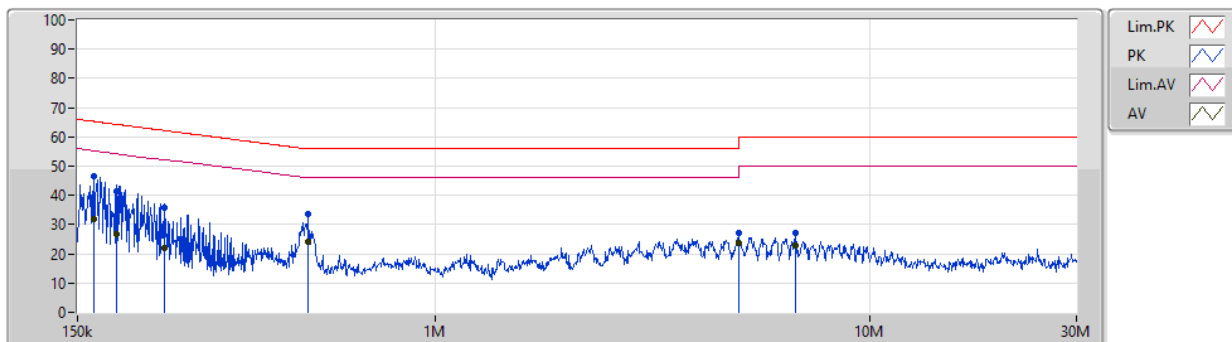
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	154.868k	46.32	65.73	-19.41	19.48	Neutral	"Worst"	26.84	9.60	0.01	9.87			
AV	154.868k	30.32	55.73	-25.41	19.48	Neutral	-	10.84	9.60	0.01	9.87			
QP	177.381k	42.15	64.60	-22.45	19.47	Neutral	-	22.68	9.59	0.01	9.87			
AV	177.381k	27.10	54.60	-27.50	19.47	Neutral	-	7.63	9.59	0.01	9.87			
QP	216.567k	39.41	62.94	-23.53	19.47	Neutral	-	19.94	9.59	0.01	9.87			
AV	216.567k	24.31	52.94	-28.63	19.47	Neutral	-	4.84	9.59	0.01	9.87			
QP	498.814k	34.30	56.02	-21.72	19.48	Neutral	-	14.82	9.59	0.01	9.88			
AV	498.814k	26.01	46.02	-20.01	19.48	Neutral	-	6.53	9.59	0.01	9.88			
QP	3.929M	25.44	56.00	-30.56	19.55	Neutral	-	5.89	9.61	0.05	9.89			
AV	3.929M	21.58	46.00	-24.42	19.55	Neutral	-	2.03	9.61	0.05	9.89			
QP	7.382M	23.87	60.00	-36.13	19.60	Neutral	-	4.27	9.65	0.06	9.89			
AV	7.382M	20.25	50.00	-29.75	19.60	Neutral	-	0.65	9.65	0.06	9.89			

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	Adapter Mode		

AC Conduction

24/01/2019



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	163.117k	46.47	65.31	-18.84	19.48	Line	"Worst"	26.99	9.60	0.01	9.87			
AV	163.117k	31.77	55.31	-23.54	19.48	Line	-	12.29	9.60	0.01	9.87			
QP	184.605k	41.21	64.28	-23.07	19.48	Line	-	21.73	9.60	0.01	9.87			
AV	184.605k	26.92	54.28	-27.36	19.48	Line	-	7.44	9.60	0.01	9.87			
QP	237.393k	35.75	62.20	-26.45	19.48	Line	-	16.27	9.60	0.01	9.87			
AV	237.393k	21.86	52.20	-30.34	19.48	Line	-	2.38	9.60	0.01	9.87			
QP	510.906k	33.45	56.00	-22.55	19.48	Line	-	13.97	9.59	0.01	9.88			
AV	510.906k	24.17	46.00	-21.83	19.48	Line	-	4.69	9.59	0.01	9.88			
QP	4.992M	27.30	56.00	-28.70	19.58	Line	-	7.72	9.64	0.05	9.89			
AV	4.992M	23.89	46.00	-22.11	19.58	Line	-	4.31	9.64	0.05	9.89			
QP	6.762M	27.16	60.00	-32.84	19.60	Line	-	7.56	9.65	0.06	9.89			
AV	6.762M	23.03	50.00	-26.97	19.60	Line	-	3.43	9.65	0.06	9.89			

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11b_(1Mbps)_1TX	-	-
2.4-2.4835GHz	12.63	0.01832
802.11g_(6Mbps)_1TX	-	-
2.4-2.4835GHz	12.00	0.01585
802.11n HT20_Nss1,(MCS0)_1TX	-	-
2.4-2.4835GHz	12.21	0.01663
802.11n HT40_Nss1,(MCS0)_1TX	-	-
2.4-2.4835GHz	5.14	0.00327

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	4.70	12.63	12.63	30.00
2437MHz	Pass	4.70	11.58	11.58	30.00
2462MHz	Pass	4.70	11.89	11.89	30.00
2467MHz	Pass	4.70	10.46	10.46	30.00
2472MHz	Pass	4.70	5.83	5.83	30.00
802.11g_(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	4.70	8.53	8.53	30.00
2437MHz	Pass	4.70	12.00	12.00	30.00
2462MHz	Pass	4.70	6.99	6.99	30.00
2467MHz	Pass	4.70	4.34	4.34	30.00
2472MHz	Pass	4.70	2.76	2.76	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	4.70	9.00	9.00	30.00
2437MHz	Pass	4.70	12.21	12.21	30.00
2462MHz	Pass	4.70	5.36	5.36	30.00
2467MHz	Pass	4.70	4.41	4.41	30.00
2472MHz	Pass	4.70	1.80	1.80	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	4.70	4.39	4.39	30.00
2437MHz	Pass	4.70	5.14	5.14	30.00
2452MHz	Pass	4.70	3.48	3.48	30.00
2462MHz	Pass	4.70	2.85	2.85	30.00

DG = Directional Gain; Port X = Port X output power

Note : Conducted average output power is for reference only

**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)_1TX	Pass	PK	189.08M	33.65	43.50	-9.85	-21.38	3	Horizontal	360	1.00	-

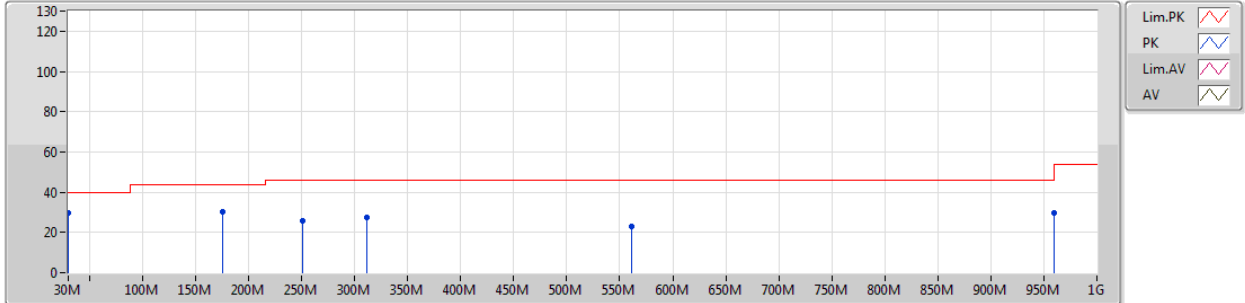
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	30M	29.53	40.00	-10.47	-13.40	3	Vertical	0	1.00	-
2437MHz	Pass	PK	175.5M	30.32	43.50	-13.18	-21.03	3	Vertical	0	1.00	-
2437MHz	Pass	PK	251.16M	26.04	46.00	-19.96	-16.97	3	Vertical	0	1.00	-
2437MHz	Pass	PK	311.3M	27.32	46.00	-18.68	-16.50	3	Vertical	0	1.00	-
2437MHz	Pass	PK	561.56M	23.06	46.00	-22.94	-10.33	3	Vertical	0	1.00	-
2437MHz	Pass	PK	960M	29.63	46.00	-16.37	-4.52	3	Vertical	0	2.00	-
2437MHz	Pass	PK	55.22M	27.20	40.00	-12.80	-25.17	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	101.78M	24.41	43.50	-19.09	-20.87	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	189.08M	33.65	43.50	-9.85	-21.38	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	328.76M	31.80	46.00	-14.20	-16.12	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	567.38M	27.12	46.00	-18.88	-10.54	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	951.5M	29.69	46.00	-16.31	-4.77	3	Horizontal	360	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

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2437MHz_Adapter

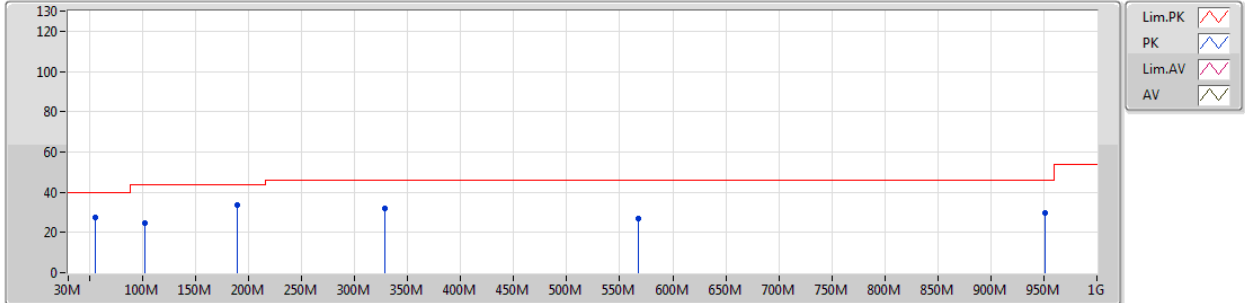


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	30M	29.53	40.00	-10.47	-13.40	3	Vertical	0	1.00	-
PK	175.5M	30.32	43.50	-13.18	-21.03	3	Vertical	0	1.00	-
PK	251.16M	26.04	46.00	-19.96	-16.97	3	Vertical	0	1.00	-
PK	311.3M	27.32	46.00	-18.68	-16.50	3	Vertical	0	1.00	-
PK	561.56M	23.06	46.00	-22.94	-10.33	3	Vertical	0	1.00	-
PK	960M	29.63	46.00	-16.37	-4.52	3	Vertical	0	2.00	-

802.11n HT40_Nss1,(MCS0)_1TX

31/01/2019

2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	55.22M	27.20	40.00	-12.80	-25.17	3	Horizontal	360	1.00	-
PK	101.78M	24.41	43.50	-19.09	-20.87	3	Horizontal	360	1.00	-
PK	189.08M	33.65	43.50	-9.85	-21.38	3	Horizontal	360	1.00	-
PK	328.76M	31.80	46.00	-14.20	-16.12	3	Horizontal	360	1.00	-
PK	567.38M	27.12	46.00	-18.88	-10.54	3	Horizontal	360	1.00	-
PK	951.5M	29.69	46.00	-16.31	-4.77	3	Horizontal	360	1.00	-

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	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	2.4835G	53.82	54.00	-0.18	30.97	3	Vertical	206	1.60	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.4835G	53.56	54.00	-0.44	30.97	3	Vertical	279	1.49	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.4835G	53.29	54.00	-0.71	30.97	3	Vertical	205	1.50	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.4835G	52.11	54.00	-1.89	30.97	3	Vertical	206	1.52	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3896G	45.83	54.00	-8.17	30.69	3	Vertical	211	2.03	-
2412MHz	Pass	AV	2.4102G	77.63	Inf	-Inf	30.75	3	Vertical	211	2.03	-
2412MHz	Pass	PK	2.3734G	57.70	74.00	-16.30	30.64	3	Vertical	211	2.03	-
2412MHz	Pass	PK	2.4092G	80.24	Inf	-Inf	30.75	3	Vertical	211	2.03	-
2412MHz	Pass	AV	2.3896G	45.83	54.00	-8.17	30.69	3	Horizontal	302	1.24	-
2412MHz	Pass	AV	2.4102G	82.39	Inf	-Inf	30.75	3	Horizontal	302	1.24	-
2412MHz	Pass	PK	2.3754G	57.77	74.00	-16.23	30.64	3	Horizontal	302	1.24	-
2412MHz	Pass	PK	2.4106G	84.56	Inf	-Inf	30.76	3	Horizontal	302	1.24	-
2412MHz	Pass	AV	4.824G	51.37	54.00	-2.63	6.53	3	Vertical	360	1.45	-
2412MHz	Pass	PK	4.82394G	53.78	74.00	-20.22	6.53	3	Vertical	360	1.45	-
2412MHz	Pass	AV	4.82394G	40.13	54.00	-13.87	6.53	3	Horizontal	147	1.48	-
2412MHz	Pass	PK	4.82418G	47.04	74.00	-26.96	6.53	3	Horizontal	147	1.48	-
2437MHz	Pass	AV	2.3898G	45.83	54.00	-8.17	30.69	3	Vertical	325	1.52	-
2437MHz	Pass	AV	2.4398G	98.08	Inf	-Inf	30.84	3	Vertical	325	1.52	-
2437MHz	Pass	AV	2.499G	46.89	54.00	-7.11	31.01	3	Vertical	325	1.52	-
2437MHz	Pass	PK	2.3742G	57.70	74.00	-16.30	30.64	3	Vertical	325	1.52	-
2437MHz	Pass	PK	2.4398G	100.55	Inf	-Inf	30.84	3	Vertical	325	1.52	-
2437MHz	Pass	PK	2.4982G	59.34	74.00	-14.66	31.01	3	Vertical	325	1.52	-
2437MHz	Pass	AV	2.3886G	45.81	54.00	-8.19	30.68	3	Horizontal	101	1.71	-
2437MHz	Pass	AV	2.4398G	81.06	Inf	-Inf	30.84	3	Horizontal	101	1.71	-
2437MHz	Pass	AV	2.4982G	46.89	54.00	-7.11	31.01	3	Horizontal	101	1.71	-
2437MHz	Pass	PK	2.3834G	57.87	74.00	-16.13	30.67	3	Horizontal	101	1.71	-
2437MHz	Pass	PK	2.4398G	83.75	Inf	-Inf	30.84	3	Horizontal	101	1.71	-
2437MHz	Pass	PK	2.4882G	58.55	74.00	-15.45	30.98	3	Horizontal	101	1.71	-
2437MHz	Pass	AV	4.87394G	40.85	54.00	-13.15	6.65	3	Vertical	182	1.50	-
2437MHz	Pass	AV	7.31178G	41.76	54.00	-12.24	11.34	3	Vertical	1	1.50	-
2437MHz	Pass	PK	4.87394G	47.88	74.00	-26.12	6.65	3	Vertical	182	1.50	-
2437MHz	Pass	PK	7.30974G	52.09	74.00	-21.91	11.34	3	Vertical	1	1.50	-
2437MHz	Pass	AV	4.87388G	34.30	54.00	-19.70	6.65	3	Horizontal	202	1.48	-
2437MHz	Pass	AV	7.31274G	39.09	54.00	-14.91	11.34	3	Horizontal	300	1.41	-
2437MHz	Pass	PK	4.8668G	45.21	74.00	-28.79	6.64	3	Horizontal	202	1.48	-
2437MHz	Pass	PK	7.30692G	51.20	74.00	-22.80	11.33	3	Horizontal	300	1.41	-
2462MHz	Pass	AV	2.4602G	99.78	Inf	-Inf	30.89	3	Vertical	279	1.49	-
2462MHz	Pass	AV	2.4835G	53.56	54.00	-0.44	30.97	3	Vertical	279	1.49	-
2462MHz	Pass	PK	2.4592G	102.06	Inf	-Inf	30.89	3	Vertical	279	1.49	-
2462MHz	Pass	PK	2.4835G	60.96	74.00	-13.04	30.97	3	Vertical	279	1.49	-
2462MHz	Pass	AV	2.4602G	83.19	Inf	-Inf	30.89	3	Horizontal	277	1.44	-
2462MHz	Pass	AV	2.5G	46.90	54.00	-7.10	31.02	3	Horizontal	277	1.44	-
2462MHz	Pass	PK	2.4592G	85.55	Inf	-Inf	30.89	3	Horizontal	277	1.44	-
2462MHz	Pass	PK	2.494G	58.36	74.00	-15.64	31.00	3	Horizontal	277	1.44	-
2462MHz	Pass	AV	4.924G	51.34	54.00	-2.66	6.77	3	Vertical	355	1.47	-
2462MHz	Pass	AV	7.38522G	40.16	54.00	-13.84	11.48	3	Vertical	4	1.50	-
2462MHz	Pass	PK	4.924G	53.74	74.00	-20.26	6.77	3	Vertical	355	1.47	-
2462MHz	Pass	PK	7.38498G	52.06	74.00	-21.94	11.48	3	Vertical	4	1.50	-
2462MHz	Pass	AV	4.924G	39.18	54.00	-14.82	6.77	3	Horizontal	108	1.50	-
2462MHz	Pass	AV	7.38252G	38.56	54.00	-15.44	11.47	3	Horizontal	315	1.35	-
2462MHz	Pass	PK	4.92388G	46.75	74.00	-27.25	6.77	3	Horizontal	108	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	7.39002G	50.96	74.00	-23.04	11.49	3	Horizontal	315	1.35	-
2467MHz	Pass	AV	2.4698G	99.38	Inf	-Inf	30.93	3	Vertical	206	1.60	-
2467MHz	Pass	AV	2.4835G	53.82	54.00	-0.18	30.97	3	Vertical	206	1.60	-
2467MHz	Pass	PK	2.4698G	101.82	Inf	-Inf	30.93	3	Vertical	206	1.60	-
2467MHz	Pass	PK	2.4835G	62.27	74.00	-11.73	30.97	3	Vertical	206	1.60	-
2467MHz	Pass	AV	2.4698G	81.03	Inf	-Inf	30.93	3	Horizontal	276	1.49	-
2467MHz	Pass	AV	2.4838G	47.13	54.00	-6.87	30.97	3	Horizontal	276	1.49	-
2467MHz	Pass	PK	2.4698G	83.66	Inf	-Inf	30.93	3	Horizontal	276	1.49	-
2467MHz	Pass	PK	2.4974G	58.43	74.00	-15.57	31.00	3	Horizontal	276	1.49	-
2467MHz	Pass	AV	4.934G	49.26	54.00	-4.74	6.79	3	Vertical	357	1.49	-
2467MHz	Pass	AV	7.40192G	39.49	54.00	-14.51	11.51	3	Vertical	188	1.50	-
2467MHz	Pass	PK	4.93418G	52.19	74.00	-21.81	6.79	3	Vertical	357	1.49	-
2467MHz	Pass	PK	7.40352G	51.83	74.00	-22.17	11.53	3	Vertical	188	1.50	-
2467MHz	Pass	AV	4.93392G	37.74	54.00	-16.26	6.79	3	Horizontal	331	1.50	-
2467MHz	Pass	AV	7.40976G	38.51	54.00	-15.49	11.55	3	Horizontal	327	1.50	-
2467MHz	Pass	PK	4.93392G	46.54	74.00	-27.46	6.79	3	Horizontal	331	1.50	-
2467MHz	Pass	PK	7.39132G	50.66	74.00	-23.34	11.50	3	Horizontal	327	1.50	-
2472MHz	Pass	AV	2.4738G	94.80	Inf	-Inf	30.94	3	Vertical	206	1.49	-
2472MHz	Pass	AV	2.4835G	52.42	54.00	-1.58	30.97	3	Vertical	206	1.49	-
2472MHz	Pass	PK	2.473G	96.84	Inf	-Inf	30.94	3	Vertical	206	1.49	-
2472MHz	Pass	PK	2.4838G	60.69	74.00	-13.31	30.97	3	Vertical	206	1.49	-
2472MHz	Pass	AV	2.4738G	75.47	Inf	-Inf	30.94	3	Horizontal	274	1.97	-
2472MHz	Pass	AV	2.5G	46.90	54.00	-7.10	31.02	3	Horizontal	274	1.97	-
2472MHz	Pass	PK	2.4728G	77.99	Inf	-Inf	30.93	3	Horizontal	274	1.97	-
2472MHz	Pass	PK	2.4835G	58.17	74.00	-15.83	30.97	3	Horizontal	274	1.97	-
2472MHz	Pass	AV	4.944G	43.24	54.00	-10.76	6.81	3	Vertical	167	1.50	-
2472MHz	Pass	AV	7.41354G	38.28	54.00	-15.72	11.56	3	Vertical	345	1.50	-
2472MHz	Pass	PK	4.94382G	48.97	74.00	-25.03	6.81	3	Vertical	167	1.50	-
2472MHz	Pass	PK	7.43094G	50.88	74.00	-23.12	11.62	3	Vertical	345	1.50	-
2472MHz	Pass	AV	4.94406G	34.41	54.00	-19.59	6.81	3	Horizontal	330	1.45	-
2472MHz	Pass	AV	7.41378G	38.37	54.00	-15.63	11.56	3	Horizontal	118	1.50	-
2472MHz	Pass	PK	4.94352G	45.95	74.00	-28.05	6.81	3	Horizontal	330	1.45	-
2472MHz	Pass	PK	7.42332G	50.30	74.00	-23.70	11.59	3	Horizontal	118	1.50	-
802.11g_Nss1(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	47.65	54.00	-6.35	30.69	3	Vertical	168	2.01	-
2412MHz	Pass	AV	2.4106G	93.53	Inf	-Inf	30.76	3	Vertical	168	2.01	-
2412MHz	Pass	PK	2.39G	60.68	74.00	-13.32	30.69	3	Vertical	168	2.01	-
2412MHz	Pass	PK	2.414G	102.28	Inf	-Inf	30.76	3	Vertical	168	2.01	-
2412MHz	Pass	AV	2.3896G	45.83	54.00	-8.17	30.69	3	Horizontal	278	1.58	-
2412MHz	Pass	AV	2.4136G	77.06	Inf	-Inf	30.76	3	Horizontal	278	1.58	-
2412MHz	Pass	PK	2.3848G	57.52	74.00	-16.48	30.67	3	Horizontal	278	1.58	-
2412MHz	Pass	PK	2.4142G	86.00	Inf	-Inf	30.76	3	Horizontal	278	1.58	-
2412MHz	Pass	AV	4.82148G	35.57	54.00	-18.43	6.53	3	Vertical	197	1.50	-
2412MHz	Pass	PK	4.82148G	47.95	74.00	-26.05	6.53	3	Vertical	197	1.50	-
2412MHz	Pass	AV	4.80924G	33.18	54.00	-20.82	6.50	3	Horizontal	67	1.50	-
2412MHz	Pass	PK	4.81308G	44.71	74.00	-29.29	6.51	3	Horizontal	67	1.50	-
2437MHz	Pass	AV	2.3882G	46.09	54.00	-7.91	30.68	3	Vertical	179	1.75	-
2437MHz	Pass	AV	2.439G	96.49	Inf	-Inf	30.83	3	Vertical	179	1.75	-
2437MHz	Pass	AV	2.4838G	47.67	54.00	-6.33	30.97	3	Vertical	179	1.75	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.3874G	58.04	74.00	-15.96	30.68	3	Vertical	179	1.75	-
2437MHz	Pass	PK	2.4394G	105.40	Inf	-Inf	30.83	3	Vertical	179	1.75	-
2437MHz	Pass	PK	2.4842G	62.59	74.00	-11.41	30.97	3	Vertical	179	1.75	-
2437MHz	Pass	AV	2.337G	45.81	54.00	-8.19	30.53	3	Horizontal	279	1.50	-
2437MHz	Pass	AV	2.4386G	79.48	Inf	-Inf	30.83	3	Horizontal	279	1.50	-
2437MHz	Pass	AV	2.4918G	47.15	54.00	-6.85	30.99	3	Horizontal	279	1.50	-
2437MHz	Pass	PK	2.3882G	57.64	74.00	-16.36	30.68	3	Horizontal	279	1.50	-
2437MHz	Pass	PK	2.4398G	87.61	Inf	-Inf	30.84	3	Horizontal	279	1.50	-
2437MHz	Pass	PK	2.4986G	58.14	74.00	-15.86	31.01	3	Horizontal	279	1.50	-
2437MHz	Pass	AV	4.87364G	34.50	54.00	-19.50	6.65	3	Vertical	178	1.50	-
2437MHz	Pass	AV	7.31286G	40.45	54.00	-13.55	11.34	3	Vertical	186	1.50	-
2437MHz	Pass	PK	4.86968G	46.78	74.00	-27.22	6.65	3	Vertical	178	1.50	-
2437MHz	Pass	PK	7.31502G	52.60	74.00	-21.40	11.35	3	Vertical	186	1.50	-
2437MHz	Pass	AV	4.86854G	33.10	54.00	-20.90	6.65	3	Horizontal	176	1.50	-
2437MHz	Pass	AV	7.31754G	38.84	54.00	-15.16	11.36	3	Horizontal	141	1.50	-
2437MHz	Pass	PK	4.87616G	45.18	74.00	-28.82	6.66	3	Horizontal	176	1.50	-
2437MHz	Pass	PK	7.30158G	50.81	74.00	-23.19	11.32	3	Horizontal	141	1.50	-
2462MHz	Pass	AV	2.4696G	91.97	Inf	-Inf	30.93	3	Vertical	279	1.49	-
2462MHz	Pass	AV	2.4835G	53.15	54.00	-0.85	30.97	3	Vertical	279	1.49	-
2462MHz	Pass	PK	2.464G	100.30	Inf	-Inf	30.91	3	Vertical	279	1.49	-
2462MHz	Pass	PK	2.4836G	71.00	74.00	-3.00	30.97	3	Vertical	279	1.49	-
2462MHz	Pass	AV	2.4602G	74.43	Inf	-Inf	30.89	3	Horizontal	279	1.49	-
2462MHz	Pass	AV	2.4835G	47.13	54.00	-6.87	30.97	3	Horizontal	279	1.49	-
2462MHz	Pass	PK	2.4604G	82.60	Inf	-Inf	30.89	3	Horizontal	279	1.49	-
2462MHz	Pass	PK	2.496G	58.65	74.00	-15.35	31.00	3	Horizontal	279	1.49	-
2462MHz	Pass	AV	4.924G	34.76	54.00	-19.24	6.77	3	Vertical	179	1.50	-
2462MHz	Pass	AV	7.37292G	38.49	54.00	-15.51	11.46	3	Vertical	158	1.50	-
2462MHz	Pass	PK	4.92478G	47.55	74.00	-26.45	6.77	3	Vertical	179	1.50	-
2462MHz	Pass	PK	7.39434G	50.56	74.00	-23.44	11.50	3	Vertical	158	1.50	-
2462MHz	Pass	AV	4.91122G	33.24	54.00	-20.76	6.74	3	Horizontal	20	2.90	-
2462MHz	Pass	AV	7.3713G	38.41	54.00	-15.59	11.46	3	Horizontal	141	1.58	-
2462MHz	Pass	PK	4.93756G	45.63	74.00	-28.37	6.80	3	Horizontal	20	2.90	-
2462MHz	Pass	PK	7.3743G	50.23	74.00	-23.77	11.46	3	Horizontal	141	1.58	-
2467MHz	Pass	AV	2.4718G	90.59	Inf	-Inf	30.93	3	Vertical	279	1.49	-
2467MHz	Pass	AV	2.4835G	53.56	54.00	-0.44	30.97	3	Vertical	279	1.49	-
2467MHz	Pass	PK	2.472G	99.19	Inf	-Inf	30.93	3	Vertical	279	1.49	-
2467MHz	Pass	PK	2.486G	70.34	74.00	-3.66	30.98	3	Vertical	279	1.49	-
2467MHz	Pass	AV	2.471G	71.66	Inf	-Inf	30.93	3	Horizontal	279	1.49	-
2467MHz	Pass	AV	2.4835G	47.13	54.00	-6.87	30.97	3	Horizontal	279	1.49	-
2467MHz	Pass	PK	2.4702G	80.76	Inf	-Inf	30.93	3	Horizontal	279	1.49	-
2467MHz	Pass	PK	2.4936G	58.35	74.00	-15.65	30.99	3	Horizontal	279	1.49	-
2467MHz	Pass	AV	4.94204G	34.17	54.00	-19.83	6.81	3	Vertical	168	1.45	-
2467MHz	Pass	AV	7.39068G	38.21	54.00	-15.79	11.50	3	Vertical	66	1.50	-
2467MHz	Pass	PK	4.94348G	45.86	74.00	-28.14	6.81	3	Vertical	168	1.45	-
2467MHz	Pass	PK	7.4043G	49.97	74.00	-24.03	11.53	3	Vertical	66	1.50	-
2467MHz	Pass	AV	4.94846G	33.31	54.00	-20.69	6.83	3	Horizontal	112	1.50	-
2467MHz	Pass	AV	7.38624G	38.25	54.00	-15.75	11.48	3	Horizontal	195	1.50	-
2467MHz	Pass	PK	4.93298G	45.65	74.00	-28.35	6.79	3	Horizontal	112	1.50	-
2467MHz	Pass	PK	7.39704G	50.53	74.00	-23.47	11.50	3	Horizontal	195	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2472MHz	Pass	AV	2.4734G	89.59	Inf	-Inf	30.94	3	Vertical	205	1.54	-
2472MHz	Pass	AV	2.484G	52.87	54.00	-1.13	30.97	3	Vertical	205	1.54	-
2472MHz	Pass	PK	2.4732G	98.04	Inf	-Inf	30.94	3	Vertical	205	1.54	-
2472MHz	Pass	PK	2.4844G	68.34	74.00	-5.66	30.97	3	Vertical	205	1.54	-
2472MHz	Pass	AV	2.4734G	70.90	Inf	-Inf	30.94	3	Horizontal	274	1.52	-
2472MHz	Pass	AV	2.4856G	47.14	54.00	-6.86	30.98	3	Horizontal	274	1.52	-
2472MHz	Pass	PK	2.4734G	79.23	Inf	-Inf	30.94	3	Horizontal	274	1.52	-
2472MHz	Pass	PK	2.4918G	58.78	74.00	-15.22	30.99	3	Horizontal	274	1.52	-
2472MHz	Pass	AV	4.94928G	33.92	54.00	-20.08	6.83	3	Vertical	183	1.50	-
2472MHz	Pass	AV	7.40688G	38.19	54.00	-15.81	11.53	3	Vertical	329	1.50	-
2472MHz	Pass	PK	4.95852G	46.07	74.00	-27.93	6.85	3	Vertical	183	1.50	-
2472MHz	Pass	PK	7.40568G	50.57	74.00	-23.43	11.53	3	Vertical	329	1.50	-
2472MHz	Pass	AV	4.95762G	33.56	54.00	-20.44	6.85	3	Horizontal	258	1.50	-
2472MHz	Pass	AV	7.4136G	38.28	54.00	-15.72	11.56	3	Horizontal	185	1.50	-
2472MHz	Pass	PK	4.93266G	45.76	74.00	-28.24	6.79	3	Horizontal	258	1.50	-
2472MHz	Pass	PK	7.40934G	51.41	74.00	-22.59	11.53	3	Horizontal	185	1.50	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	49.16	54.00	-4.84	30.69	3	Vertical	168	2.01	-
2412MHz	Pass	AV	2.411G	93.87	Inf	-Inf	30.76	3	Vertical	168	2.01	-
2412MHz	Pass	PK	2.39G	61.63	74.00	-12.37	30.69	3	Vertical	168	2.01	-
2412MHz	Pass	PK	2.4112G	103.18	Inf	-Inf	30.76	3	Vertical	168	2.01	-
2412MHz	Pass	AV	2.3896G	45.83	54.00	-8.17	30.69	3	Horizontal	279	1.58	-
2412MHz	Pass	AV	2.4136G	77.55	Inf	-Inf	30.76	3	Horizontal	279	1.58	-
2412MHz	Pass	PK	2.3886G	57.57	74.00	-16.43	30.68	3	Horizontal	279	1.58	-
2412MHz	Pass	PK	2.4148G	87.06	Inf	-Inf	30.77	3	Horizontal	279	1.58	-
2412MHz	Pass	AV	4.82034G	36.01	54.00	-17.99	6.53	3	Vertical	188	1.50	-
2412MHz	Pass	PK	4.81926G	48.95	74.00	-25.05	6.53	3	Vertical	188	1.50	-
2412MHz	Pass	AV	4.81062G	33.05	54.00	-20.95	6.50	3	Horizontal	168	1.50	-
2412MHz	Pass	PK	4.80966G	45.40	74.00	-28.60	6.50	3	Horizontal	168	1.50	-
2437MHz	Pass	AV	2.3898G	46.12	54.00	-7.88	30.69	3	Vertical	206	1.75	-
2437MHz	Pass	AV	2.439G	96.44	Inf	-Inf	30.83	3	Vertical	206	1.75	-
2437MHz	Pass	AV	2.4835G	48.18	54.00	-5.82	30.97	3	Vertical	206	1.75	-
2437MHz	Pass	PK	2.3898G	59.27	74.00	-14.73	30.69	3	Vertical	206	1.75	-
2437MHz	Pass	PK	2.4418G	106.05	Inf	-Inf	30.84	3	Vertical	206	1.75	-
2437MHz	Pass	PK	2.487G	63.94	74.00	-10.06	30.98	3	Vertical	206	1.75	-
2437MHz	Pass	AV	2.3898G	45.83	54.00	-8.17	30.69	3	Horizontal	279	1.49	-
2437MHz	Pass	AV	2.4386G	79.23	Inf	-Inf	30.83	3	Horizontal	279	1.49	-
2437MHz	Pass	AV	2.4982G	46.89	54.00	-7.11	31.01	3	Horizontal	279	1.49	-
2437MHz	Pass	PK	2.3586G	57.52	74.00	-16.48	30.59	3	Horizontal	279	1.49	-
2437MHz	Pass	PK	2.4386G	88.22	Inf	-Inf	30.83	3	Horizontal	279	1.49	-
2437MHz	Pass	PK	2.4886G	59.31	74.00	-14.69	30.98	3	Horizontal	279	1.49	-
2437MHz	Pass	AV	4.8743G	34.40	54.00	-19.60	6.65	3	Vertical	179	1.50	-
2437MHz	Pass	AV	7.31034G	40.52	54.00	-13.48	11.34	3	Vertical	179	1.49	-
2437MHz	Pass	PK	4.8884G	46.46	74.00	-27.54	6.69	3	Vertical	179	1.50	-
2437MHz	Pass	PK	7.31226G	53.25	74.00	-20.75	11.34	3	Vertical	179	1.49	-
2437MHz	Pass	AV	4.88828G	33.11	54.00	-20.89	6.69	3	Horizontal	215	1.50	-
2437MHz	Pass	AV	7.31802G	38.75	54.00	-15.25	11.36	3	Horizontal	248	1.50	-
2437MHz	Pass	PK	4.8602G	45.69	74.00	-28.31	6.62	3	Horizontal	215	1.50	-
2437MHz	Pass	PK	7.31988G	50.66	74.00	-23.34	11.35	3	Horizontal	248	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	2.47G	90.22	Inf	-Inf	30.93	3	Vertical	207	1.55	-
2462MHz	Pass	AV	2.4835G	52.72	54.00	-1.28	30.97	3	Vertical	207	1.55	-
2462MHz	Pass	PK	2.4664G	99.36	Inf	-Inf	30.92	3	Vertical	207	1.55	-
2462MHz	Pass	PK	2.4854G	68.64	74.00	-5.36	30.97	3	Vertical	207	1.55	-
2462MHz	Pass	AV	2.46G	73.85	Inf	-Inf	30.89	3	Horizontal	277	1.44	-
2462MHz	Pass	AV	2.4864G	47.14	54.00	-6.86	30.98	3	Horizontal	277	1.44	-
2462MHz	Pass	PK	2.4604G	83.62	Inf	-Inf	30.89	3	Horizontal	277	1.44	-
2462MHz	Pass	PK	2.4962G	58.28	74.00	-15.72	31.00	3	Horizontal	277	1.44	-
2462MHz	Pass	AV	4.92478G	34.03	54.00	-19.97	6.77	3	Vertical	176	1.50	-
2462MHz	Pass	AV	7.37286G	38.58	54.00	-15.42	11.46	3	Vertical	304	1.50	-
2462MHz	Pass	PK	4.92658G	45.91	74.00	-28.09	6.78	3	Vertical	176	1.50	-
2462MHz	Pass	PK	7.37514G	50.43	74.00	-23.57	11.47	3	Vertical	304	1.50	-
2462MHz	Pass	AV	4.91308G	33.40	54.00	-20.60	6.75	3	Horizontal	334	1.50	-
2462MHz	Pass	AV	7.37394G	38.47	54.00	-15.53	11.46	3	Horizontal	129	1.26	-
2462MHz	Pass	PK	4.9246G	45.46	74.00	-28.54	6.77	3	Horizontal	334	1.50	-
2462MHz	Pass	PK	7.39884G	49.97	74.00	-24.03	11.51	3	Horizontal	129	1.26	-
2467MHz	Pass	AV	2.4718G	89.30	Inf	-Inf	30.93	3	Vertical	205	1.50	-
2467MHz	Pass	AV	2.4835G	53.29	54.00	-0.71	30.97	3	Vertical	205	1.50	-
2467MHz	Pass	PK	2.4712G	98.72	Inf	-Inf	30.93	3	Vertical	205	1.50	-
2467MHz	Pass	PK	2.4842G	68.03	74.00	-5.97	30.97	3	Vertical	205	1.50	-
2467MHz	Pass	AV	2.4588G	63.79	Inf	-Inf	30.89	3	Horizontal	205	1.55	-
2467MHz	Pass	AV	2.5G	46.90	54.00	-7.10	31.02	3	Horizontal	205	1.55	-
2467MHz	Pass	PK	2.4586G	73.00	Inf	-Inf	30.89	3	Horizontal	205	1.55	-
2467MHz	Pass	PK	2.4952G	58.28	74.00	-15.72	31.00	3	Horizontal	205	1.55	-
2467MHz	Pass	AV	4.94048G	33.93	54.00	-20.07	6.81	3	Vertical	169	1.50	-
2467MHz	Pass	AV	7.39014G	38.30	54.00	-15.70	11.49	3	Vertical	30	1.50	-
2467MHz	Pass	PK	4.94726G	45.83	74.00	-28.17	6.83	3	Vertical	169	1.50	-
2467MHz	Pass	PK	7.40646G	50.19	74.00	-23.81	11.53	3	Vertical	30	1.50	-
2467MHz	Pass	AV	7.39098G	38.30	54.00	-15.70	11.50	3	Horizontal	241	1.50	-
2467MHz	Pass	PK	7.38888G	50.49	74.00	-23.51	11.49	3	Horizontal	241	1.50	-
2472MHz	Pass	AV	2.4736G	88.50	Inf	-Inf	30.94	3	Vertical	205	1.49	-
2472MHz	Pass	AV	2.4835G	53.29	54.00	-0.71	30.97	3	Vertical	205	1.49	-
2472MHz	Pass	PK	2.4736G	97.77	Inf	-Inf	30.94	3	Vertical	205	1.49	-
2472MHz	Pass	PK	2.4835G	67.84	74.00	-6.16	30.97	3	Vertical	205	1.49	-
2472MHz	Pass	AV	2.4732G	69.32	Inf	-Inf	30.94	3	Horizontal	273	1.98	-
2472MHz	Pass	AV	2.5G	46.90	54.00	-7.10	31.02	3	Horizontal	273	1.98	-
2472MHz	Pass	PK	2.4742G	79.00	Inf	-Inf	30.94	3	Horizontal	273	1.98	-
2472MHz	Pass	PK	2.4968G	58.79	74.00	-15.21	31.00	3	Horizontal	273	1.98	-
2472MHz	Pass	AV	4.94934G	33.69	54.00	-20.31	6.83	3	Vertical	166	1.50	-
2472MHz	Pass	PK	4.95564G	45.61	74.00	-28.39	6.85	3	Vertical	166	1.50	-
2472MHz	Pass	AV	4.95726G	33.56	54.00	-20.44	6.85	3	Horizontal	35	1.50	-
2472MHz	Pass	PK	4.9521G	45.58	74.00	-28.42	6.84	3	Horizontal	35	1.50	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	48.76	54.00	-5.24	30.69	3	Vertical	177	1.90	-
2422MHz	Pass	AV	2.4164G	84.95	Inf	-Inf	30.77	3	Vertical	177	1.90	-
2422MHz	Pass	AV	2.5G	46.90	54.00	-7.10	31.02	3	Vertical	177	1.90	-
2422MHz	Pass	PK	2.39G	60.68	74.00	-13.32	30.69	3	Vertical	177	1.90	-
2422MHz	Pass	PK	2.4168G	94.75	Inf	-Inf	30.77	3	Vertical	177	1.90	-
2422MHz	Pass	PK	2.4844G	58.10	74.00	-15.90	30.97	3	Vertical	177	1.90	-



RSE TX above 1GHz Result

Appendix C.2

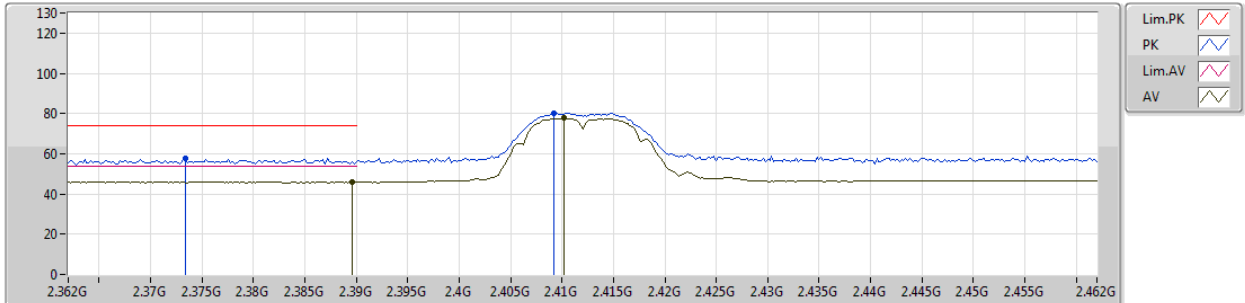
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	AV	2.3332G	46.10	54.00	-7.90	30.51	3	Horizontal	279	1.55	-
2422MHz	Pass	AV	2.416G	70.05	Inf	-Inf	30.77	3	Horizontal	279	1.55	-
2422MHz	Pass	AV	2.4984G	46.89	54.00	-7.11	31.01	3	Horizontal	279	1.55	-
2422MHz	Pass	PK	2.3892G	57.93	74.00	-16.07	30.68	3	Horizontal	279	1.55	-
2422MHz	Pass	PK	2.4156G	79.94	Inf	-Inf	30.77	3	Horizontal	279	1.55	-
2422MHz	Pass	PK	2.4928G	58.27	74.00	-15.73	30.99	3	Horizontal	279	1.55	-
2422MHz	Pass	AV	4.85546G	33.07	54.00	-20.93	6.62	3	Vertical	107	1.50	-
2422MHz	Pass	PK	4.85636G	44.80	74.00	-29.20	6.62	3	Vertical	107	1.50	-
2422MHz	Pass	AV	4.84664G	32.97	54.00	-21.03	6.59	3	Horizontal	326	1.12	-
2422MHz	Pass	PK	4.8584G	45.77	74.00	-28.23	6.62	3	Horizontal	326	1.12	-
2437MHz	Pass	AV	2.3898G	46.12	54.00	-7.88	30.69	3	Vertical	0	1.91	-
2437MHz	Pass	AV	2.4482G	86.37	Inf	-Inf	30.87	3	Vertical	0	1.91	-
2437MHz	Pass	AV	2.4835G	49.56	54.00	-4.44	30.97	3	Vertical	0	1.91	-
2437MHz	Pass	PK	2.3582G	57.52	74.00	-16.48	30.59	3	Vertical	0	1.91	-
2437MHz	Pass	PK	2.4486G	95.85	Inf	-Inf	30.87	3	Vertical	0	1.91	-
2437MHz	Pass	PK	2.485G	63.41	74.00	-10.59	30.97	3	Vertical	0	1.91	-
2437MHz	Pass	PK	2.3758G	57.84	74.00	-16.16	30.64	3	Horizontal	278	1.45	-
2437MHz	Pass	AV	2.3894G	45.82	54.00	-8.18	30.68	3	Horizontal	278	1.45	-
2437MHz	Pass	PK	2.4478G	79.69	Inf	-Inf	30.86	3	Horizontal	278	1.45	-
2437MHz	Pass	AV	2.4474G	69.74	Inf	-Inf	30.86	3	Horizontal	278	1.45	-
2437MHz	Pass	PK	2.4894G	58.41	74.00	-15.59	30.98	3	Horizontal	278	1.45	-
2437MHz	Pass	AV	2.499G	46.89	54.00	-7.11	31.01	3	Horizontal	278	1.45	-
2437MHz	Pass	AV	4.86068G	33.04	54.00	-20.96	6.62	3	Vertical	99	1.50	-
2437MHz	Pass	PK	4.8785G	44.93	74.00	-29.07	6.67	3	Vertical	99	1.50	-
2437MHz	Pass	AV	2.509G	29.42	Inf	-Inf	0.66	3	Horizontal	17	1.50	-
2437MHz	Pass	PK	2.5242G	41.21	Inf	-Inf	0.70	3	Horizontal	17	1.50	-
2452MHz	Pass	AV	2.3896G	45.83	54.00	-8.17	30.69	3	Vertical	345	1.90	-
2452MHz	Pass	AV	2.45G	85.80	Inf	-Inf	30.87	3	Vertical	345	1.90	-
2452MHz	Pass	AV	2.4844G	51.46	54.00	-2.54	30.97	3	Vertical	345	1.90	-
2452MHz	Pass	PK	2.386G	57.47	74.00	-16.53	30.68	3	Vertical	345	1.90	-
2452MHz	Pass	PK	2.4504G	95.35	Inf	-Inf	30.87	3	Vertical	345	1.90	-
2452MHz	Pass	PK	2.4848G	64.49	74.00	-9.51	30.97	3	Vertical	345	1.90	-
2452MHz	Pass	AV	2.3896G	45.83	54.00	-8.17	30.69	3	Horizontal	278	1.45	-
2452MHz	Pass	AV	2.4476G	69.13	Inf	-Inf	30.86	3	Horizontal	278	1.45	-
2452MHz	Pass	AV	2.5G	46.90	54.00	-7.10	31.02	3	Horizontal	278	1.45	-
2452MHz	Pass	PK	2.3608G	57.80	74.00	-16.20	30.60	3	Horizontal	278	1.45	-
2452MHz	Pass	PK	2.4476G	79.12	Inf	-Inf	30.86	3	Horizontal	278	1.45	-
2452MHz	Pass	PK	2.4876G	58.62	74.00	-15.38	30.98	3	Horizontal	278	1.45	-
2452MHz	Pass	AV	4.91384G	33.29	54.00	-20.71	6.75	3	Vertical	193	1.38	-
2452MHz	Pass	PK	4.91066G	45.90	74.00	-28.10	6.73	3	Vertical	193	1.38	-
2452MHz	Pass	AV	4.91888G	33.25	54.00	-20.75	6.76	3	Horizontal	35	1.50	-
2452MHz	Pass	PK	4.91858G	45.72	74.00	-28.28	6.76	3	Horizontal	35	1.50	-
2462MHz	Pass	AV	2.3896G	45.83	54.00	-8.17	30.69	3	Vertical	206	1.52	-
2462MHz	Pass	AV	2.4728G	84.43	Inf	-Inf	30.93	3	Vertical	206	1.52	-
2462MHz	Pass	AV	2.4835G	52.11	54.00	-1.89	30.97	3	Vertical	206	1.52	-
2462MHz	Pass	PK	2.3744G	57.35	74.00	-16.65	30.64	3	Vertical	206	1.52	-
2462MHz	Pass	PK	2.4736G	93.94	Inf	-Inf	30.94	3	Vertical	206	1.52	-
2462MHz	Pass	PK	2.4835G	63.96	74.00	-10.04	30.97	3	Vertical	206	1.52	-
2462MHz	Pass	AV	2.3824G	46.04	54.00	-7.96	30.67	3	Horizontal	279	1.23	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	2.45G	66.49	Inf	-Inf	30.87	3	Horizontal	279	1.23	-
2462MHz	Pass	AV	2.4835G	47.13	54.00	-6.87	30.97	3	Horizontal	279	1.23	-
2462MHz	Pass	PK	2.3724G	57.19	74.00	-16.81	30.63	3	Horizontal	279	1.23	-
2462MHz	Pass	PK	2.4464G	76.27	Inf	-Inf	30.86	3	Horizontal	279	1.23	-
2462MHz	Pass	PK	2.4924G	58.49	74.00	-15.51	30.99	3	Horizontal	279	1.23	-
2462MHz	Pass	AV	4.92904G	33.30	54.00	-20.70	6.78	3	Vertical	157	1.48	-
2462MHz	Pass	PK	4.92706G	45.78	74.00	-28.22	6.78	3	Vertical	157	1.48	-
2462MHz	Pass	AV	4.91638G	33.33	54.00	-20.67	6.75	3	Horizontal	358	1.50	-
2462MHz	Pass	PK	4.91152G	45.92	74.00	-28.08	6.74	3	Horizontal	358	1.50	-

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

2412MHz_TX

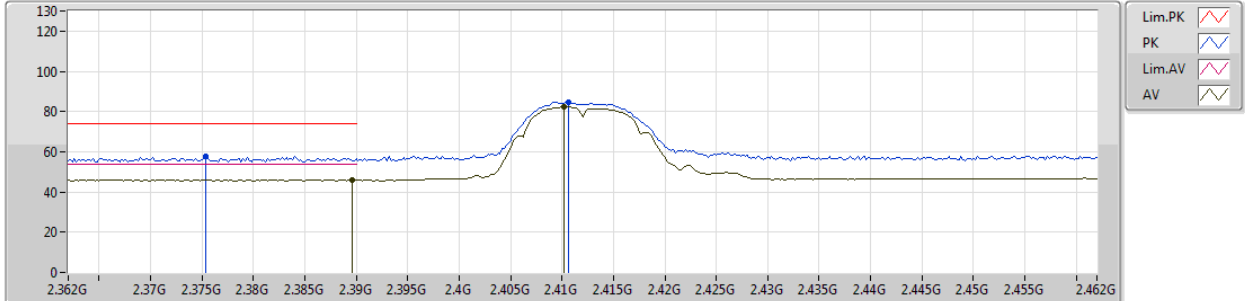


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	45.83	54.00	-8.17	30.69	3	Vertical	211	2.03	-
AV	2.4102G	77.63	Inf	-Inf	30.75	3	Vertical	211	2.03	-
PK	2.3734G	57.70	74.00	-16.30	30.64	3	Vertical	211	2.03	-
PK	2.4092G	80.24	Inf	-Inf	30.75	3	Vertical	211	2.03	-

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

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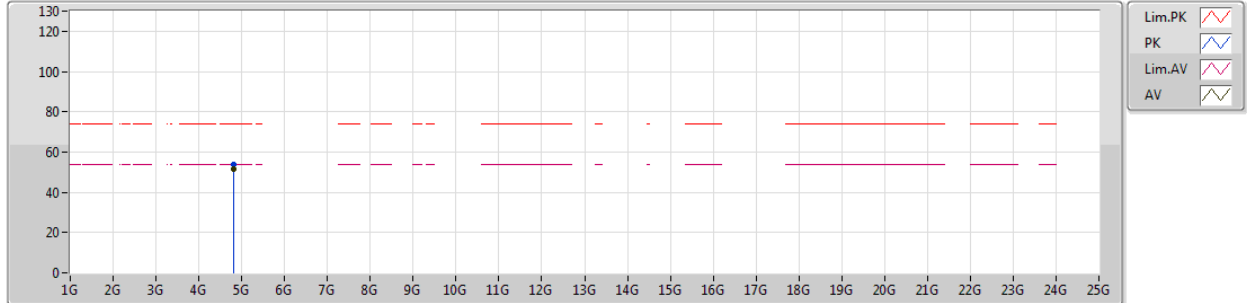


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	45.83	54.00	-8.17	30.69	3	Horizontal	302	1.24	-
AV	2.4102G	82.39	Inf	-Inf	30.75	3	Horizontal	302	1.24	-
PK	2.3754G	57.77	74.00	-16.23	30.64	3	Horizontal	302	1.24	-
PK	2.4106G	84.56	Inf	-Inf	30.76	3	Horizontal	302	1.24	-

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

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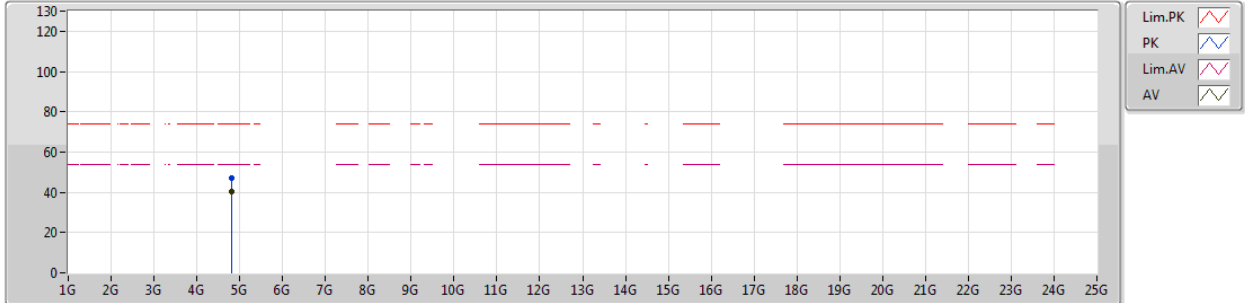


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.824G	51.37	54.00	-2.63	6.53	3	Vertical	360	1.45	-
PK	4.82394G	53.78	74.00	-20.22	6.53	3	Vertical	360	1.45	-

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

2412MHz_TX

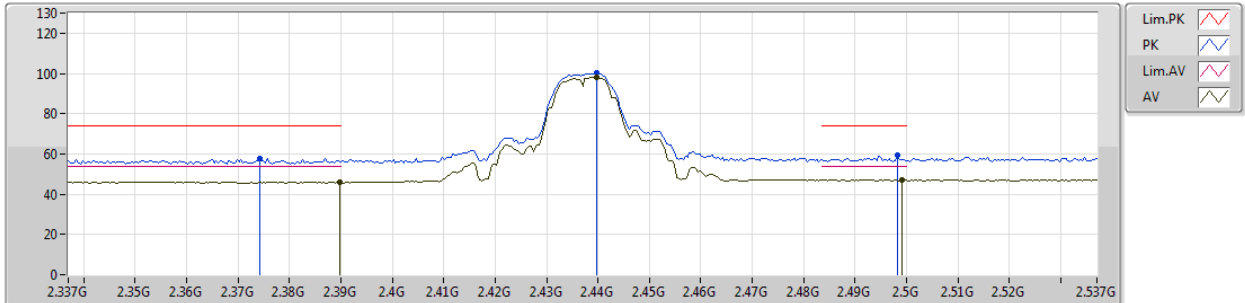


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments								
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)									
AV	4.82394G	40.13	54.00	-13.87	6.53	3	Horizontal	147	1.48	-								
PK	4.82418G	47.04	74.00	-26.96	6.53	3	Horizontal	147	1.48	-								

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

2437MHz_TX

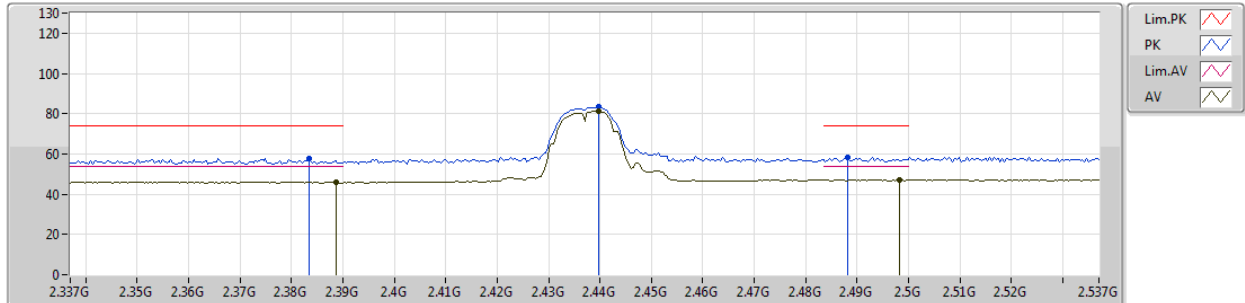


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	45.83	54.00	-8.17	30.69	3	Vertical	325	1.52	-
AV	2.4398G	98.08	Inf	-Inf	30.84	3	Vertical	325	1.52	-
AV	2.499G	46.89	54.00	-7.11	31.01	3	Vertical	325	1.52	-
PK	2.3742G	57.70	74.00	-16.30	30.64	3	Vertical	325	1.52	-
PK	2.4398G	100.55	Inf	-Inf	30.84	3	Vertical	325	1.52	-
PK	2.4982G	59.34	74.00	-14.66	31.01	3	Vertical	325	1.52	-

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

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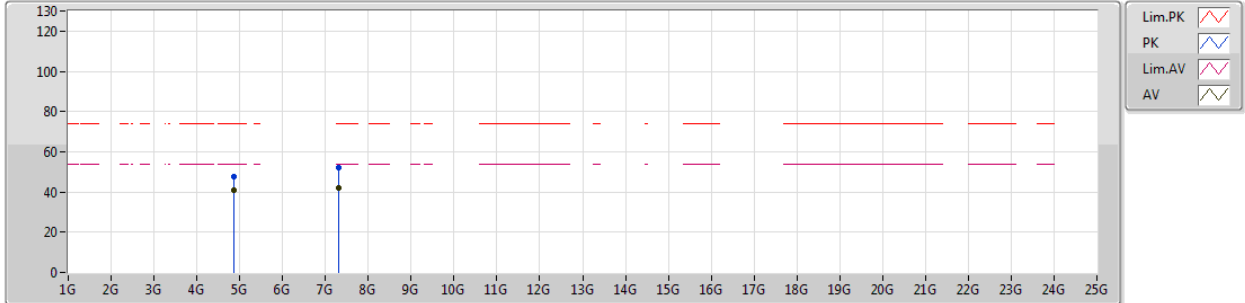


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3886G	45.81	54.00	-8.19	30.68	3	Horizontal	101	1.71	-
AV	2.4398G	81.06	Inf	-Inf	30.84	3	Horizontal	101	1.71	-
AV	2.4982G	46.89	54.00	-7.11	31.01	3	Horizontal	101	1.71	-
PK	2.3834G	57.87	74.00	-16.13	30.67	3	Horizontal	101	1.71	-
PK	2.4398G	83.75	Inf	-Inf	30.84	3	Horizontal	101	1.71	-
PK	2.4882G	58.55	74.00	-15.45	30.98	3	Horizontal	101	1.71	-

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

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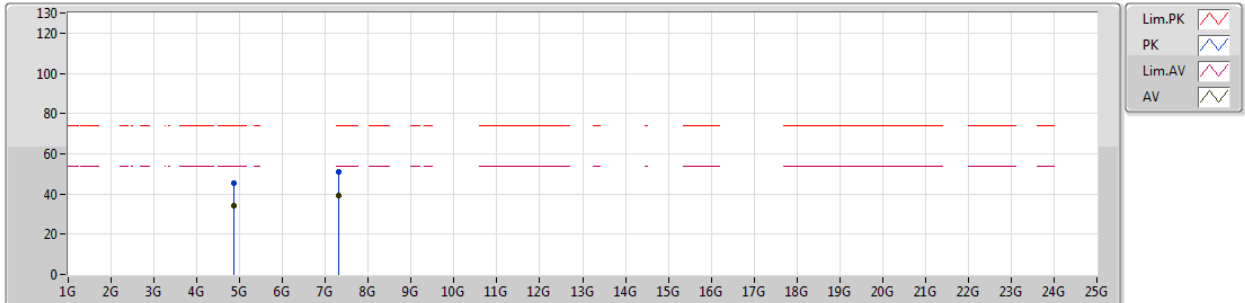


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87394G	40.85	54.00	-13.15	6.65	3	Vertical	182	1.50	-
AV	7.31178G	41.76	54.00	-12.24	11.34	3	Vertical	1	1.50	-
PK	4.87394G	47.88	74.00	-26.12	6.65	3	Vertical	182	1.50	-
PK	7.30974G	52.09	74.00	-21.91	11.34	3	Vertical	1	1.50	-

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

2437MHz_TX

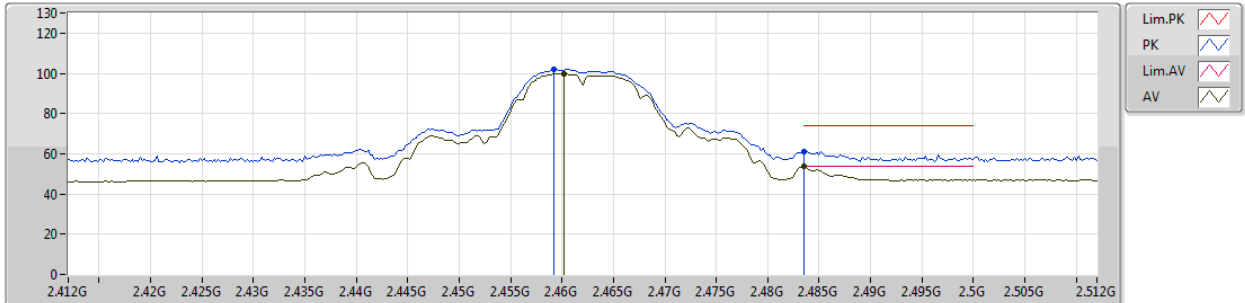


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87388G	34.30	54.00	-19.70	6.65	3	Horizontal	202	1.48	-
AV	7.31274G	39.09	54.00	-14.91	11.34	3	Horizontal	300	1.41	-
PK	4.8668G	45.21	74.00	-28.79	6.64	3	Horizontal	202	1.48	-
PK	7.30692G	51.20	74.00	-22.80	11.33	3	Horizontal	300	1.41	-

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

2462MHz_TX

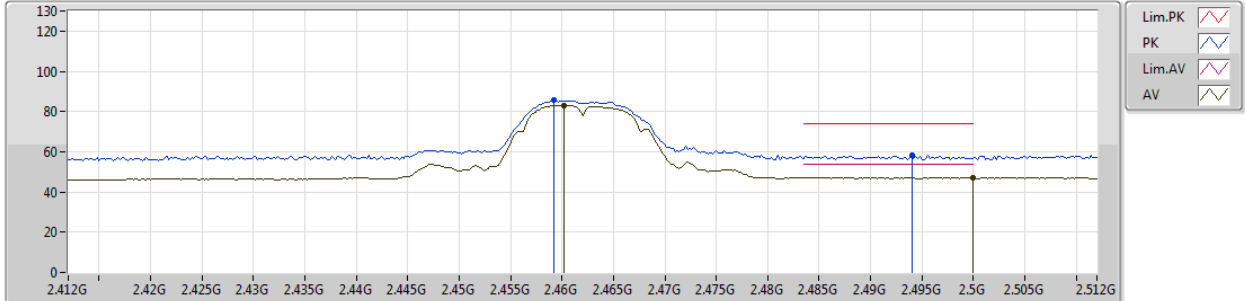


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4602G	99.78	Inf	-Inf	30.89	3	Vertical	279	1.49	-
AV	2.4835G	53.56	54.00	-0.44	30.97	3	Vertical	279	1.49	-
PK	2.4592G	102.06	Inf	-Inf	30.89	3	Vertical	279	1.49	-
PK	2.4835G	60.96	74.00	-13.04	30.97	3	Vertical	279	1.49	-

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

2462MHz_TX

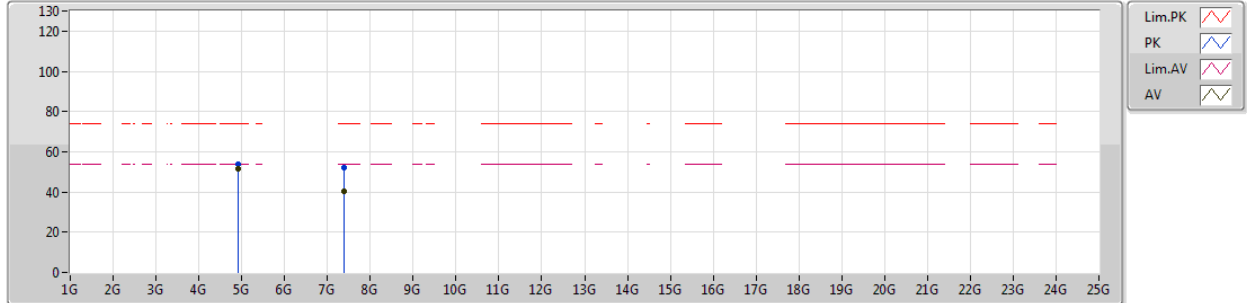


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4602G	83.19	Inf	-Inf	30.89	3	Horizontal	277	1.44	-
AV	2.5G	46.90	54.00	-7.10	31.02	3	Horizontal	277	1.44	-
PK	2.4592G	85.55	Inf	-Inf	30.89	3	Horizontal	277	1.44	-
PK	2.494G	58.36	74.00	-15.64	31.00	3	Horizontal	277	1.44	-

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

2462MHz_TX

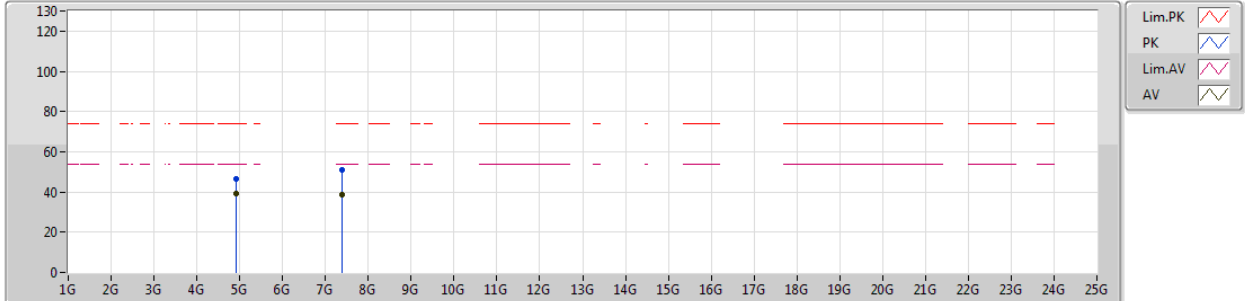


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.924G	51.34	54.00	-2.66	6.77	3	Vertical	355	1.47	-
AV	7.38522G	40.16	54.00	-13.84	11.48	3	Vertical	4	1.50	-
PK	4.924G	53.74	74.00	-20.26	6.77	3	Vertical	355	1.47	-
PK	7.38498G	52.06	74.00	-21.94	11.48	3	Vertical	4	1.50	-

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

2462MHz_TX

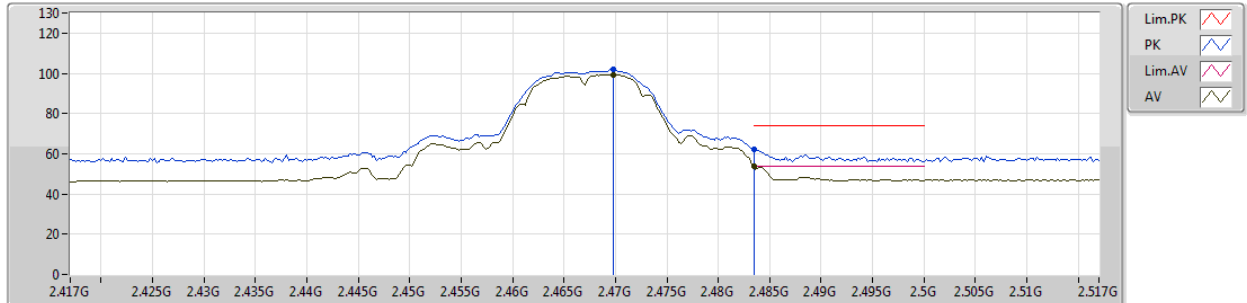


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.924G	39.18	54.00	-14.82	6.77	3	Horizontal	108	1.50	-
AV	7.38252G	38.56	54.00	-15.44	11.47	3	Horizontal	315	1.35	-
PK	4.92388G	46.75	74.00	-27.25	6.77	3	Horizontal	108	1.50	-
PK	7.39002G	50.96	74.00	-23.04	11.49	3	Horizontal	315	1.35	-

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

2467MHz_TX

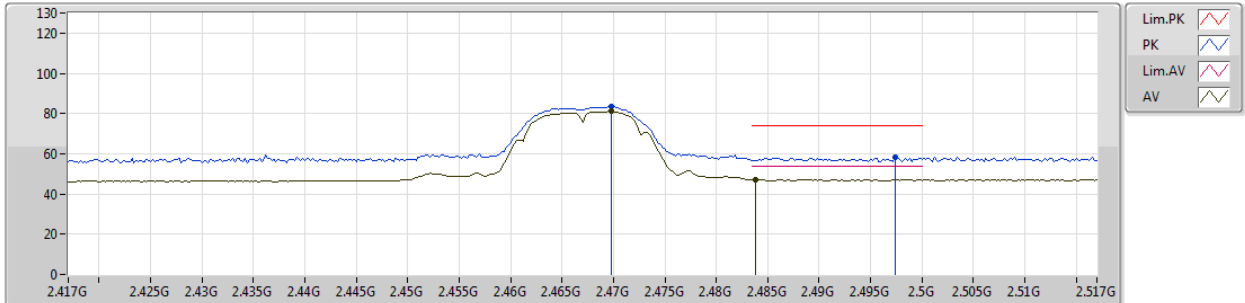


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4698G	99.38	Inf	-Inf	30.93	3	Vertical	206	1.60	-
AV	2.4835G	53.82	54.00	-0.18	30.97	3	Vertical	206	1.60	-
PK	2.4698G	101.82	Inf	-Inf	30.93	3	Vertical	206	1.60	-
PK	2.4835G	62.27	74.00	-11.73	30.97	3	Vertical	206	1.60	-

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

2467MHz_TX

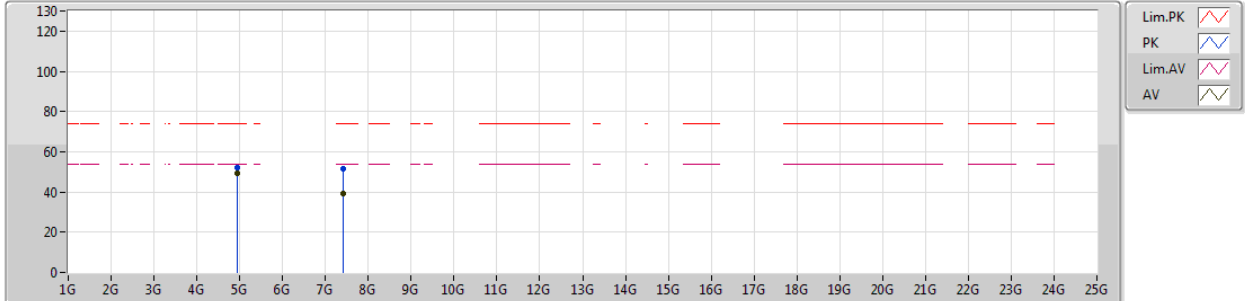


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4698G	81.03	Inf	-Inf	30.93	3	Horizontal	276	1.49	-
AV	2.4838G	47.13	54.00	-6.87	30.97	3	Horizontal	276	1.49	-
PK	2.4698G	83.66	Inf	-Inf	30.93	3	Horizontal	276	1.49	-
PK	2.4974G	58.43	74.00	-15.57	31.00	3	Horizontal	276	1.49	-

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

2467MHz_TX

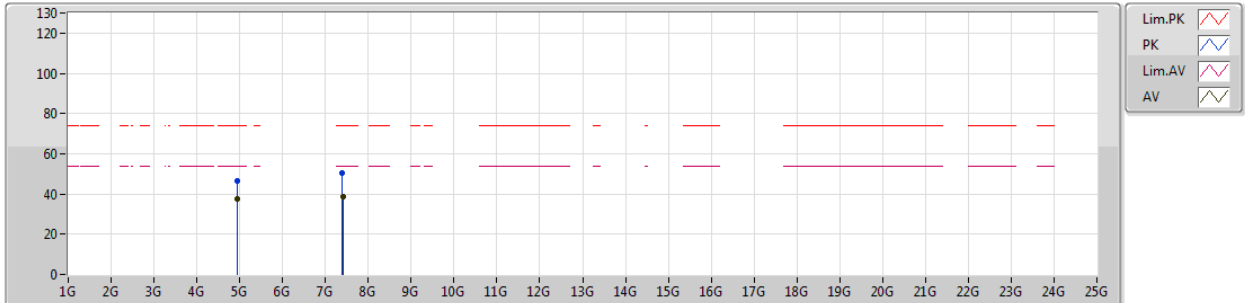


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.934G	49.26	54.00	-4.74	6.79	3	Vertical	357	1.49	-							
AV	7.40192G	39.49	54.00	-14.51	11.51	3	Vertical	188	1.50	-							
PK	4.93418G	52.19	74.00	-21.81	6.79	3	Vertical	357	1.49	-							
PK	7.40352G	51.83	74.00	-22.17	11.53	3	Vertical	188	1.50	-							

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

2467MHz_TX

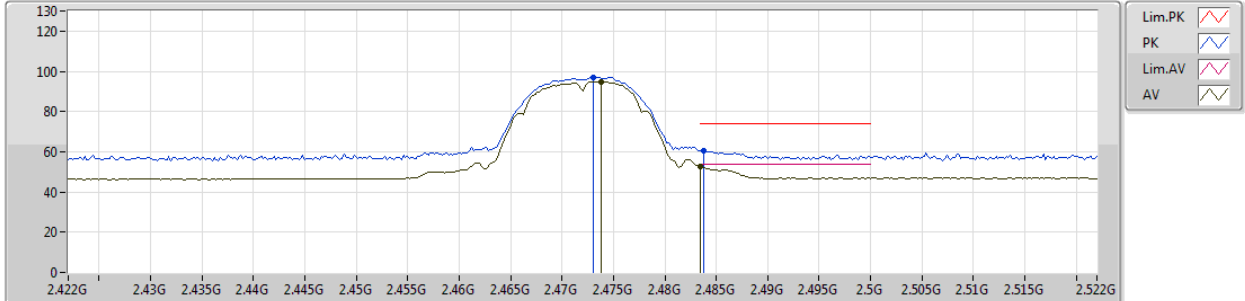


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.93392G	37.74	54.00	-16.26	6.79	3	Horizontal	331	1.50	-
AV	7.40976G	38.51	54.00	-15.49	11.55	3	Horizontal	327	1.50	-
PK	4.93392G	46.54	74.00	-27.46	6.79	3	Horizontal	331	1.50	-
PK	7.39132G	50.66	74.00	-23.34	11.50	3	Horizontal	327	1.50	-

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

2472MHz_TX

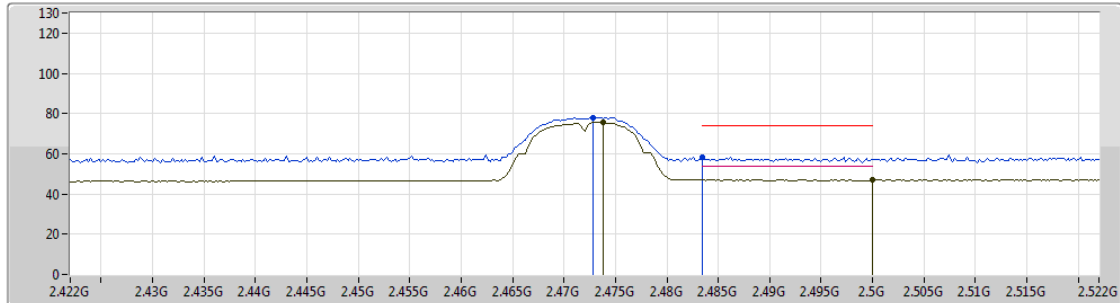


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4738G	94.80	Inf	-Inf	30.94	3	Vertical	206	1.49	-
AV	2.4835G	52.42	54.00	-1.58	30.97	3	Vertical	206	1.49	-
PK	2.473G	96.84	Inf	-Inf	30.94	3	Vertical	206	1.49	-
PK	2.4838G	60.69	74.00	-13.31	30.97	3	Vertical	206	1.49	-

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

2472MHz_TX



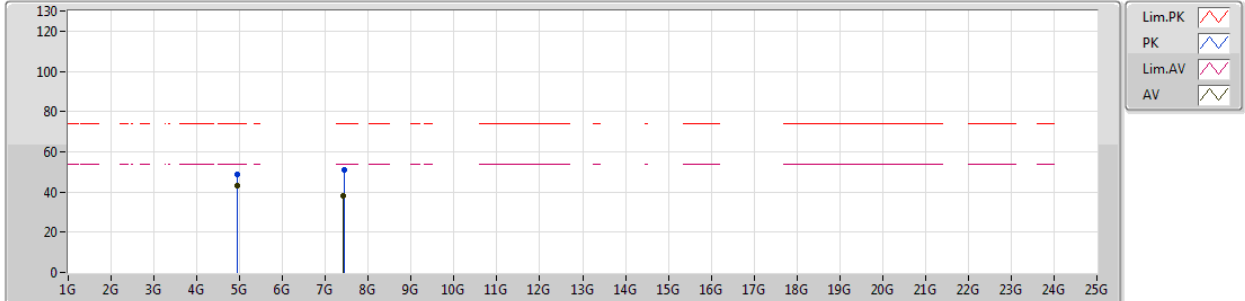
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AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4738G	75.47	Inf	-Inf	30.94	3	Horizontal	274	1.97	-
AV	2.5G	46.90	54.00	-7.10	31.02	3	Horizontal	274	1.97	-
PK	2.4728G	77.99	Inf	-Inf	30.93	3	Horizontal	274	1.97	-
PK	2.4835G	58.17	74.00	-15.83	30.97	3	Horizontal	274	1.97	-

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

2472MHz_TX

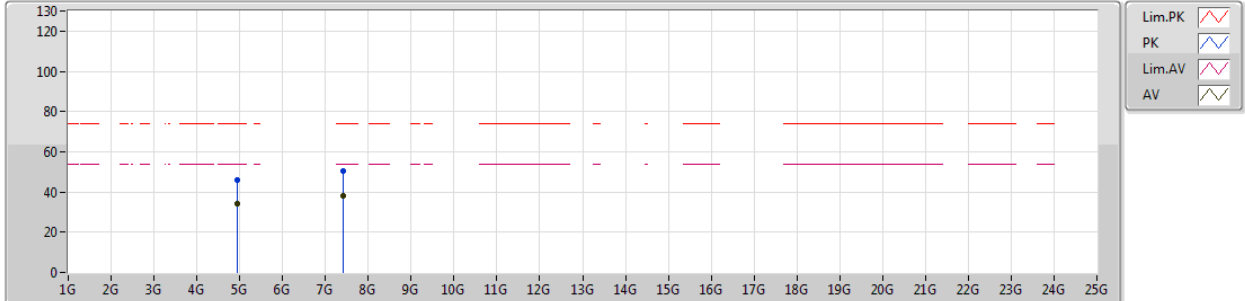


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.944G	43.24	54.00	-10.76	6.81	3	Vertical	167	1.50	-
AV	7.41354G	38.28	54.00	-15.72	11.56	3	Vertical	345	1.50	-
PK	4.94382G	48.97	74.00	-25.03	6.81	3	Vertical	167	1.50	-
PK	7.43094G	50.88	74.00	-23.12	11.62	3	Vertical	345	1.50	-

802.11b_Nss1,(1Mbps)_1TX

23/01/2019

2472MHz_TX

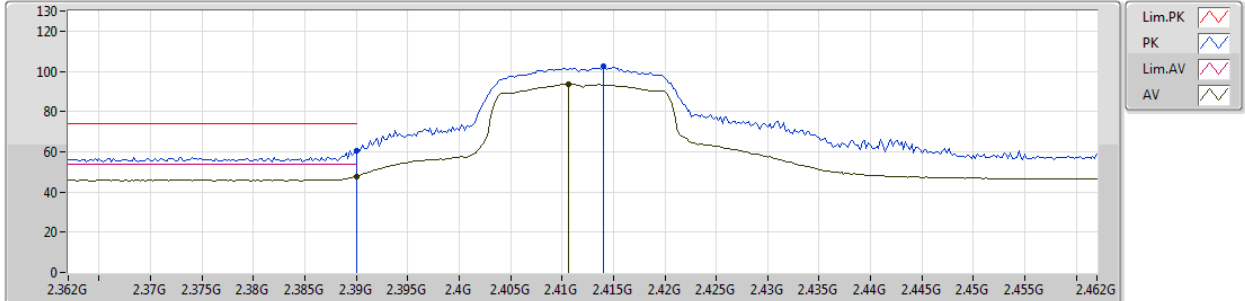


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.94406G	34.41	54.00	-19.59	6.81	3	Horizontal	330	1.45	-
AV	7.41378G	38.37	54.00	-15.63	11.56	3	Horizontal	118	1.50	-
PK	4.94352G	45.95	74.00	-28.05	6.81	3	Horizontal	330	1.45	-
PK	7.42332G	50.30	74.00	-23.70	11.59	3	Horizontal	118	1.50	-

802.11g_Nss1,(6Mbps)_1TX

23/01/2019

2412MHz_TX

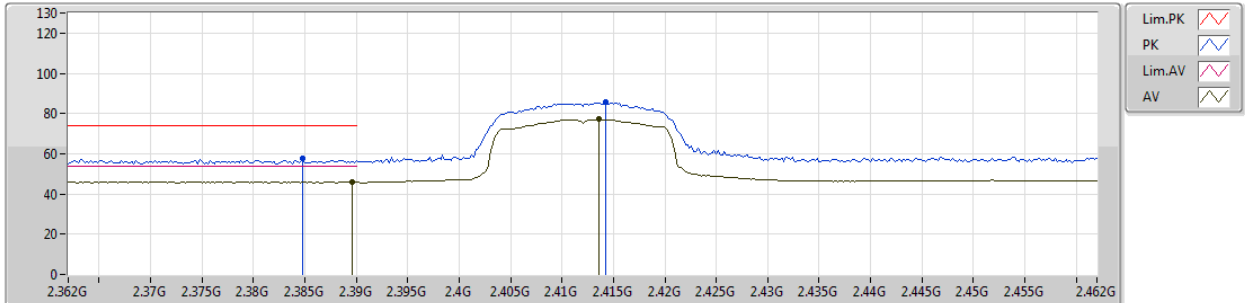


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	47.65	54.00	-6.35	30.69	3	Vertical	168	2.01	-
AV	2.4106G	93.53	Inf	-Inf	30.76	3	Vertical	168	2.01	-
PK	2.39G	60.68	74.00	-13.32	30.69	3	Vertical	168	2.01	-
PK	2.414G	102.28	Inf	-Inf	30.76	3	Vertical	168	2.01	-

802.11g_Nss1,(6Mbps)_1TX

23/01/2019

2412MHz_TX

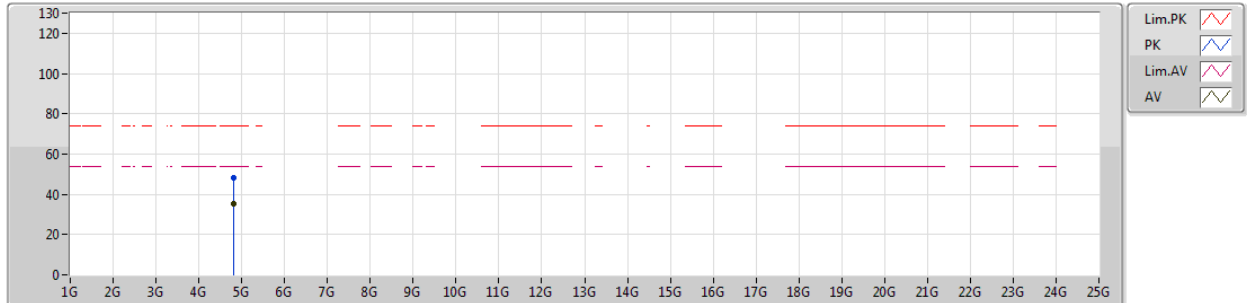


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	2.3896G	45.83	54.00	-8.17	30.69	3	Horizontal	278	1.58	-							
AV	2.4136G	77.06	Inf	-Inf	30.76	3	Horizontal	278	1.58	-							
PK	2.3848G	57.52	74.00	-16.48	30.67	3	Horizontal	278	1.58	-							
PK	2.4142G	86.00	Inf	-Inf	30.76	3	Horizontal	278	1.58	-							

802.11g_Nss1,(6Mbps)_1TX

24/01/2019

2412MHz_TX

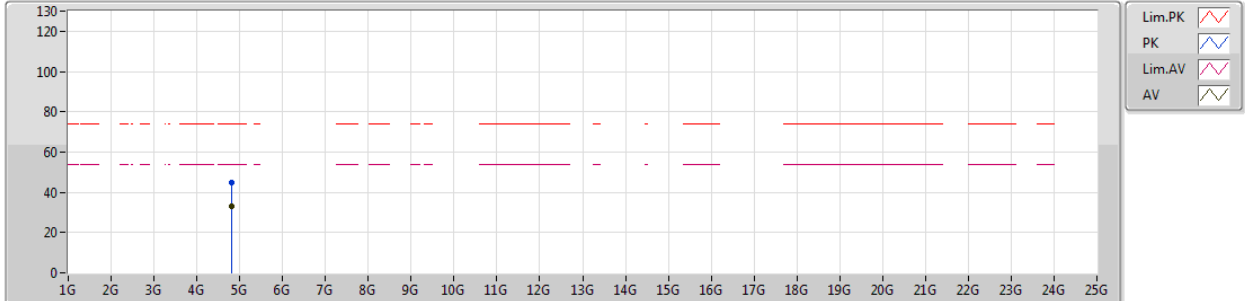


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82148G	35.57	54.00	-18.43	6.53	3	Vertical	197	1.50	-
PK	4.82148G	47.95	74.00	-26.05	6.53	3	Vertical	197	1.50	-

802.11g_Nss1,(6Mbps)_1TX

24/01/2019

2412MHz_TX

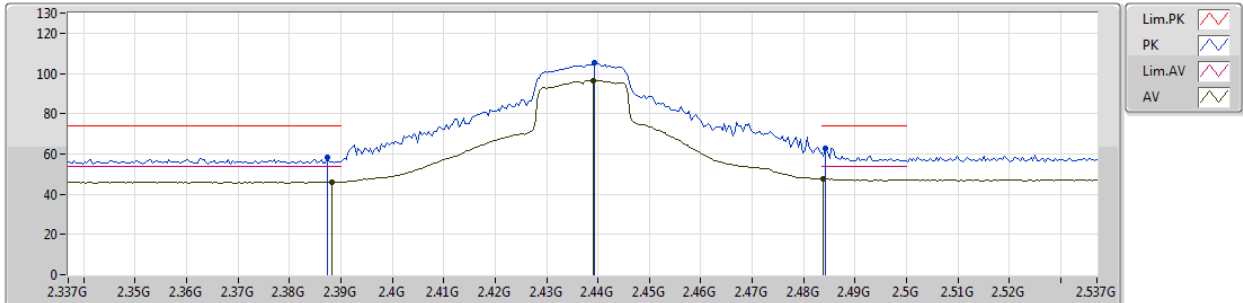


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	4.80924G	33.18	54.00	-20.82	6.50	3	Horizontal	67	1.50	-								
PK	4.81308G	44.71	74.00	-29.29	6.51	3	Horizontal	67	1.50	-								

802.11g_Nss1,(6Mbps)_1TX

23/01/2019

2437MHz_TX

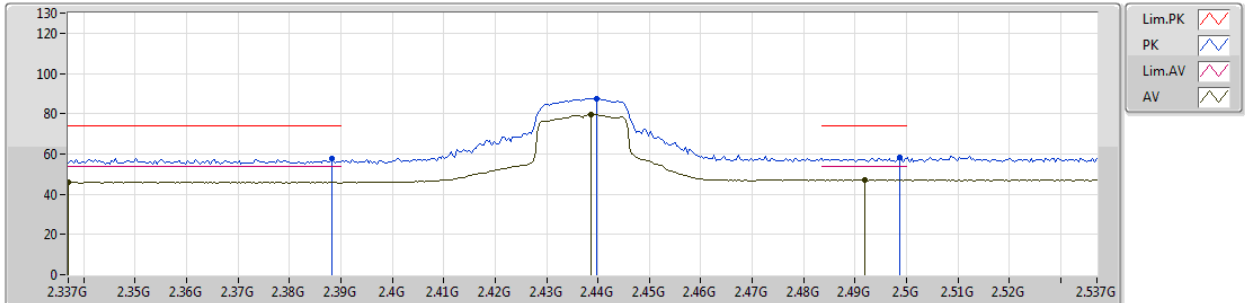


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3882G	46.09	54.00	-7.91	30.68	3	Vertical	179	1.75	-
AV	2.439G	96.49	Inf	-Inf	30.83	3	Vertical	179	1.75	-
AV	2.4838G	47.67	54.00	-6.33	30.97	3	Vertical	179	1.75	-
PK	2.3874G	58.04	74.00	-15.96	30.68	3	Vertical	179	1.75	-
PK	2.4394G	105.40	Inf	-Inf	30.83	3	Vertical	179	1.75	-
PK	2.4842G	62.59	74.00	-11.41	30.97	3	Vertical	179	1.75	-

802.11g_Nss1,(6Mbps)_1TX

23/01/2019

2437MHz_TX

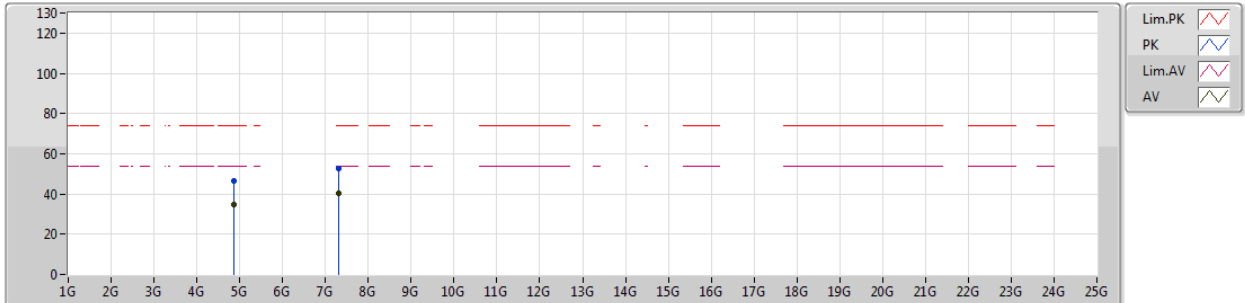


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.337G	45.81	54.00	-8.19	30.53	3	Horizontal	279	1.50	-
AV	2.4386G	79.48	Inf	-Inf	30.83	3	Horizontal	279	1.50	-
AV	2.4918G	47.15	54.00	-6.85	30.99	3	Horizontal	279	1.50	-
PK	2.3882G	57.64	74.00	-16.36	30.68	3	Horizontal	279	1.50	-
PK	2.4398G	87.61	Inf	-Inf	30.84	3	Horizontal	279	1.50	-
PK	2.4986G	58.14	74.00	-15.86	31.01	3	Horizontal	279	1.50	-

802.11g_Nss1,(6Mbps)_1TX

24/01/2019

2437MHz_TX

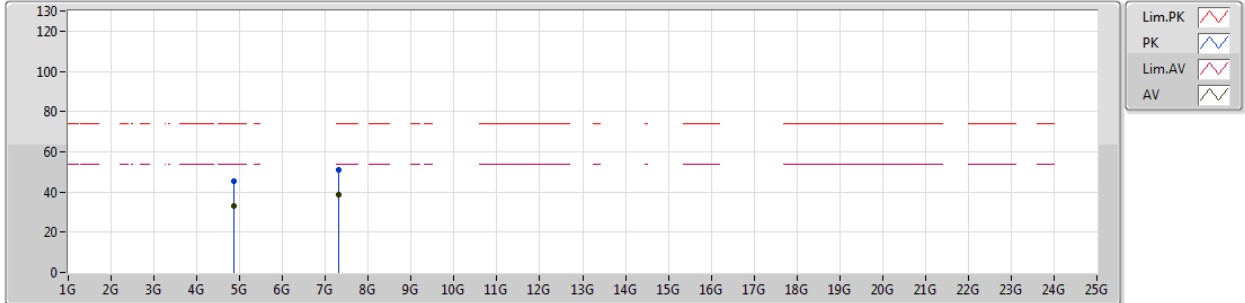


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87364G	34.50	54.00	-19.50	6.65	3	Vertical	178	1.50	-
AV	7.31286G	40.45	54.00	-13.55	11.34	3	Vertical	186	1.50	-
PK	4.86968G	46.78	74.00	-27.22	6.65	3	Vertical	178	1.50	-
PK	7.31502G	52.60	74.00	-21.40	11.35	3	Vertical	186	1.50	-

802.11g_Nss1,(6Mbps)_1TX

24/01/2019

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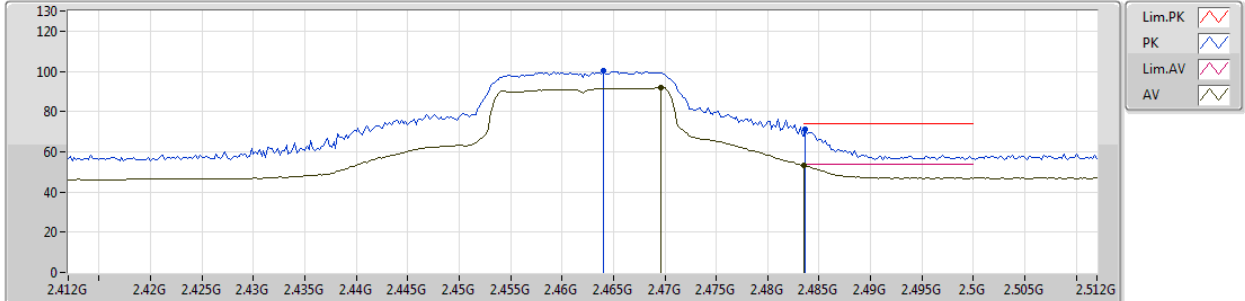


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.86854G	33.10	54.00	-20.90	6.65	3	Horizontal	176	1.50	-
AV	7.31754G	38.84	54.00	-15.16	11.36	3	Horizontal	141	1.50	-
PK	4.87616G	45.18	74.00	-28.82	6.66	3	Horizontal	176	1.50	-
PK	7.30158G	50.81	74.00	-23.19	11.32	3	Horizontal	141	1.50	-

802.11g_Nss1,(6Mbps)_1TX

23/01/2019

2462MHz_TX

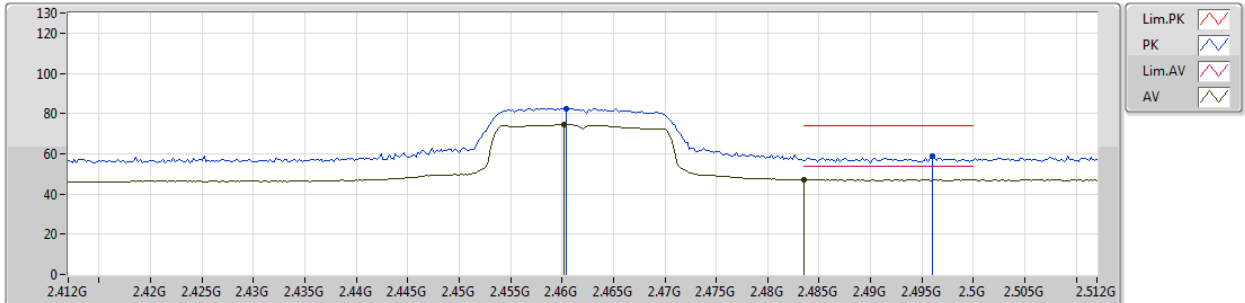


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4696G	91.97	Inf	-Inf	30.93	3	Vertical	279	1.49	-
AV	2.4835G	53.15	54.00	-0.85	30.97	3	Vertical	279	1.49	-
PK	2.464G	100.30	Inf	-Inf	30.91	3	Vertical	279	1.49	-
PK	2.4836G	71.00	74.00	-3.00	30.97	3	Vertical	279	1.49	-

802.11g_Nss1,(6Mbps)_1TX

23/01/2019

2462MHz_TX

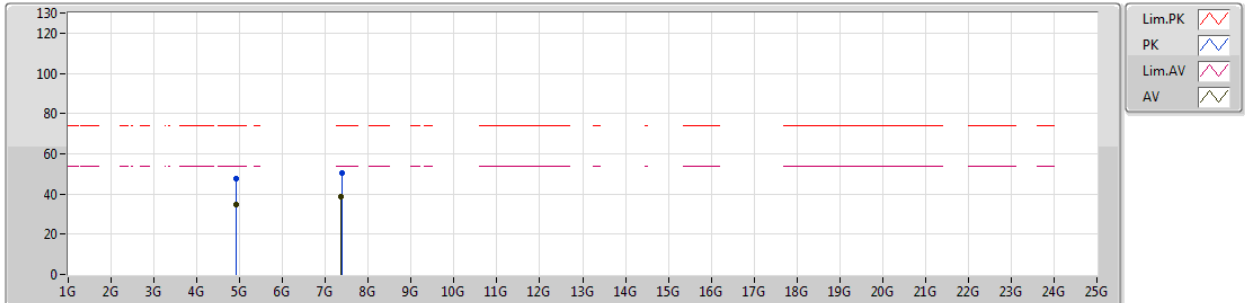


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4602G	74.43	Inf	-Inf	30.89	3	Horizontal	279	1.49	-
AV	2.4835G	47.13	54.00	-6.87	30.97	3	Horizontal	279	1.49	-
PK	2.4604G	82.60	Inf	-Inf	30.89	3	Horizontal	279	1.49	-
PK	2.496G	58.65	74.00	-15.35	31.00	3	Horizontal	279	1.49	-

802.11g_Nss1,(6Mbps)_1TX

24/01/2019

2462MHz_TX

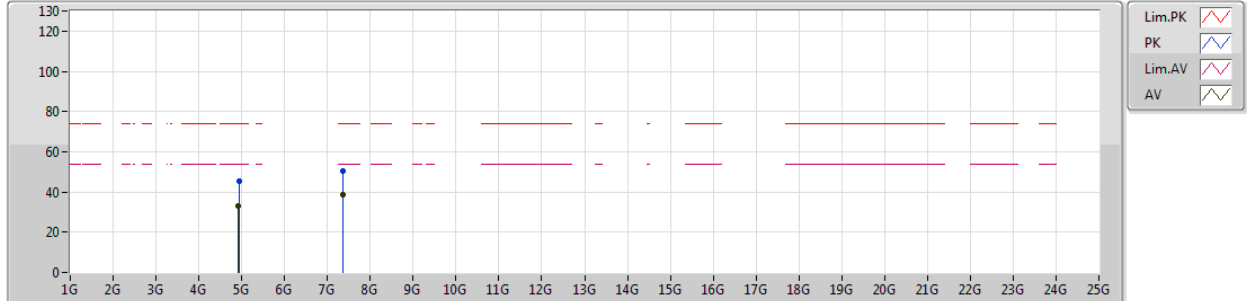


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.924G	34.76	54.00	-19.24	6.77	3	Vertical	179	1.50	-
AV	7.37292G	38.49	54.00	-15.51	11.46	3	Vertical	158	1.50	-
PK	4.92478G	47.55	74.00	-26.45	6.77	3	Vertical	179	1.50	-
PK	7.39434G	50.56	74.00	-23.44	11.50	3	Vertical	158	1.50	-

802.11g_Nss1,(6Mbps)_1TX

24/01/2019

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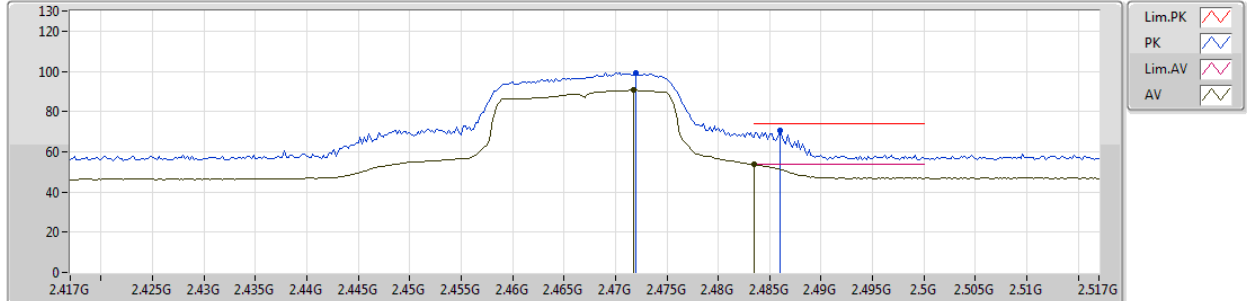


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.91122G	33.24	54.00	-20.76	6.74	3	Horizontal	20	2.90	-
AV	7.3713G	38.41	54.00	-15.59	11.46	3	Horizontal	141	1.58	-
PK	4.93756G	45.63	74.00	-28.37	6.80	3	Horizontal	20	2.90	-
PK	7.3743G	50.23	74.00	-23.77	11.46	3	Horizontal	141	1.58	-

802.11g_Nss1,(6Mbps)_1TX

23/01/2019

2467MHz_TX

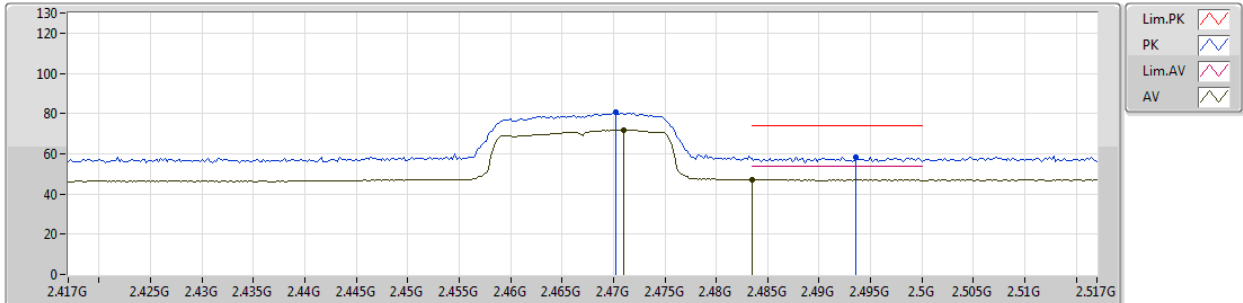


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4718G	90.59	Inf	-Inf	30.93	3	Vertical	279	1.49	-
AV	2.4835G	53.56	54.00	-0.44	30.97	3	Vertical	279	1.49	-
PK	2.472G	99.19	Inf	-Inf	30.93	3	Vertical	279	1.49	-
PK	2.486G	70.34	74.00	-3.66	30.98	3	Vertical	279	1.49	-

802.11g_Nss1,(6Mbps)_1TX

2467MHz_TX

23/01/2019

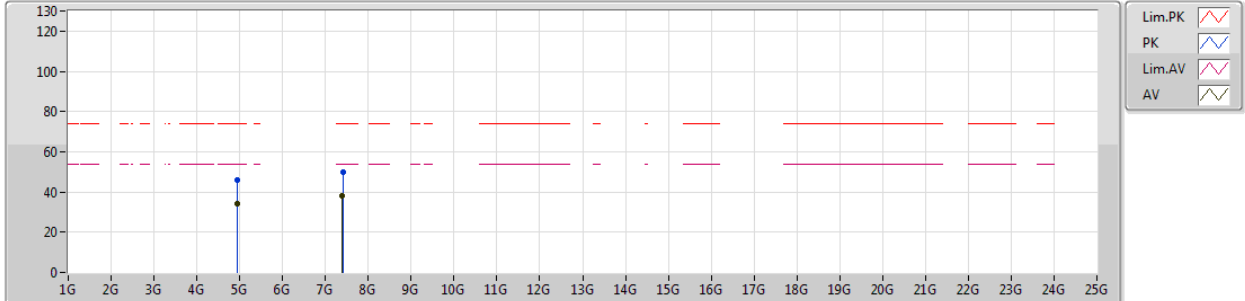


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.471G	71.66	Inf	-Inf	30.93	3	Horizontal	279	1.49	-
AV	2.4835G	47.13	54.00	-6.87	30.97	3	Horizontal	279	1.49	-
PK	2.4702G	80.76	Inf	-Inf	30.93	3	Horizontal	279	1.49	-
PK	2.4936G	58.35	74.00	-15.65	30.99	3	Horizontal	279	1.49	-

802.11g_Nss1,(6Mbps)_1TX

24/01/2019

2467MHz_TX

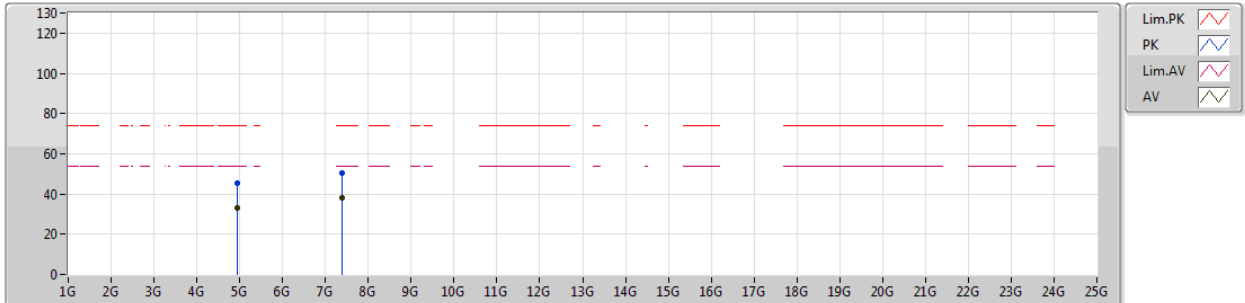


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.94204G	34.17	54.00	-19.83	6.81	3	Vertical	168	1.45	-
AV	7.39068G	38.21	54.00	-15.79	11.50	3	Vertical	66	1.50	-
PK	4.94348G	45.86	74.00	-28.14	6.81	3	Vertical	168	1.45	-
PK	7.4043G	49.97	74.00	-24.03	11.53	3	Vertical	66	1.50	-

802.11g_Nss1,(6Mbps)_1TX

24/01/2019

2467MHz_TX

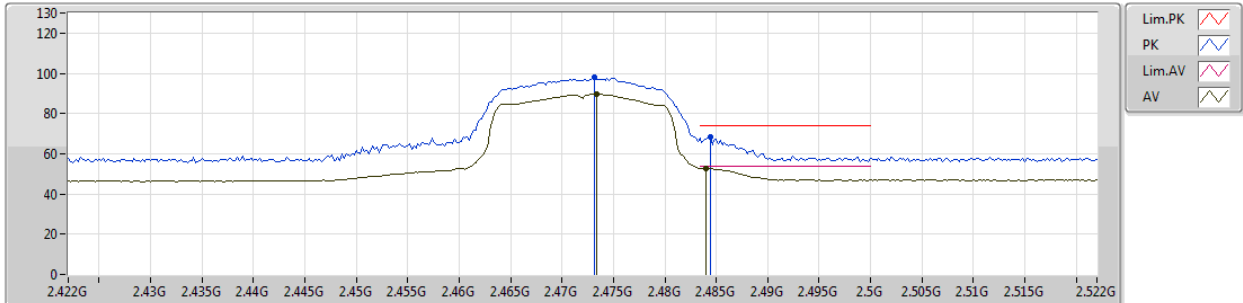


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.94846G	33.31	54.00	-20.69	6.83	3	Horizontal	112	1.50	-
AV	7.38624G	38.25	54.00	-15.75	11.48	3	Horizontal	195	1.50	-
PK	4.93298G	45.65	74.00	-28.35	6.79	3	Horizontal	112	1.50	-
PK	7.39704G	50.53	74.00	-23.47	11.50	3	Horizontal	195	1.50	-

802.11g_Nss1,(6Mbps)_1TX

23/01/2019

2472MHz_TX

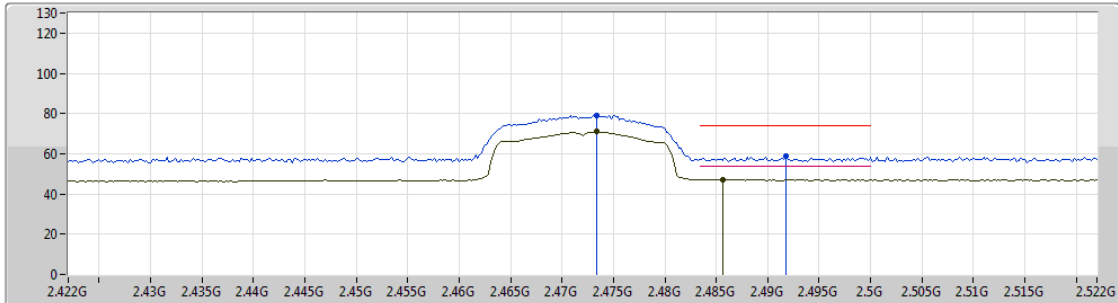


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4734G	89.59	Inf	-Inf	30.94	3	Vertical	205	1.54	-
AV	2.484G	52.87	54.00	-1.13	30.97	3	Vertical	205	1.54	-
PK	2.4732G	98.04	Inf	-Inf	30.94	3	Vertical	205	1.54	-
PK	2.4844G	68.34	74.00	-5.66	30.97	3	Vertical	205	1.54	-

802.11g_Nss1,(6Mbps)_1TX

2472MHz_TX

23/01/2019



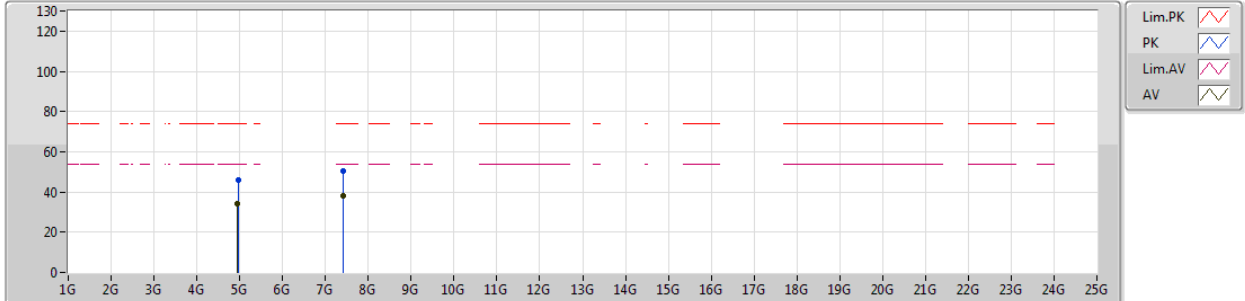
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PK	
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AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4734G	70.90	Inf	-Inf	30.94	3	Horizontal	274	1.52	-
AV	2.4856G	47.14	54.00	-6.86	30.98	3	Horizontal	274	1.52	-
PK	2.4734G	79.23	Inf	-Inf	30.94	3	Horizontal	274	1.52	-
PK	2.4918G	58.78	74.00	-15.22	30.99	3	Horizontal	274	1.52	-

802.11g_Nss1,(6Mbps)_1TX

24/01/2019

2472MHz_TX

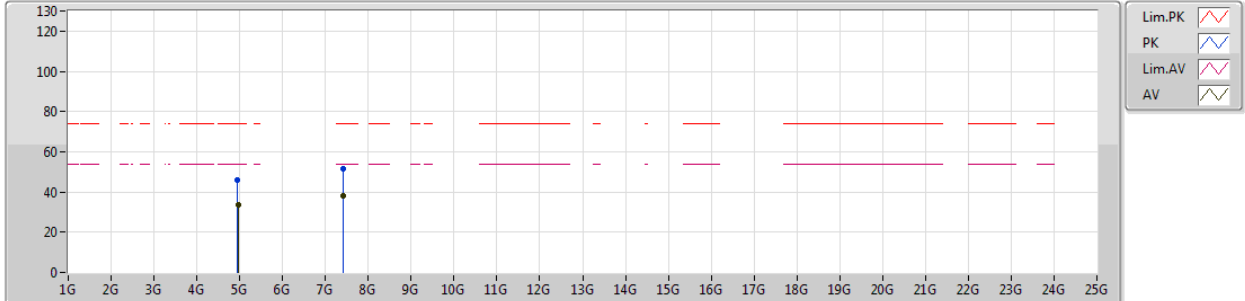


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.94928G	33.92	54.00	-20.08	6.83	3	Vertical	183	1.50	-
AV	7.40688G	38.19	54.00	-15.81	11.53	3	Vertical	329	1.50	-
PK	4.95852G	46.07	74.00	-27.93	6.85	3	Vertical	183	1.50	-
PK	7.40568G	50.57	74.00	-23.43	11.53	3	Vertical	329	1.50	-

802.11g_Nss1,(6Mbps)_1TX

24/01/2019

2472MHz_TX

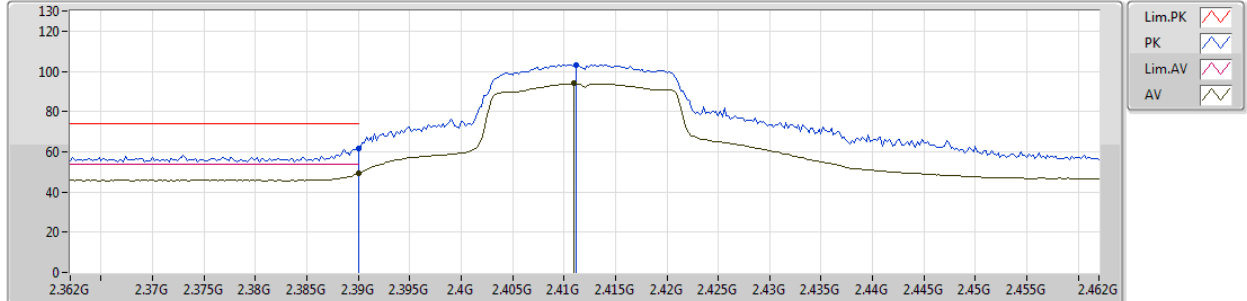


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.95762G	33.56	54.00	-20.44	6.85	3	Horizontal	258	1.50	-
AV	7.4136G	38.28	54.00	-15.72	11.56	3	Horizontal	185	1.50	-
PK	4.93266G	45.76	74.00	-28.24	6.79	3	Horizontal	258	1.50	-
PK	7.40934G	51.41	74.00	-22.59	11.53	3	Horizontal	185	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

23/01/2019

2412MHz_TX

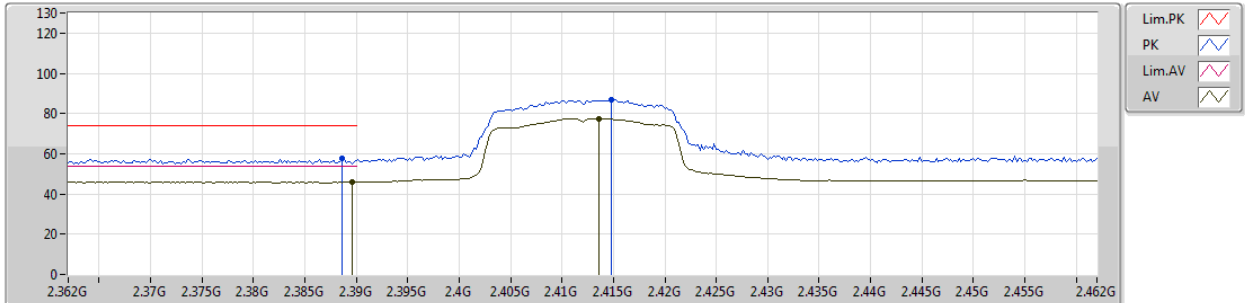


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	49.16	54.00	-4.84	30.69	3	Vertical	168	2.01	-
AV	2.411G	93.87	Inf	-Inf	30.76	3	Vertical	168	2.01	-
PK	2.39G	61.63	74.00	-12.37	30.69	3	Vertical	168	2.01	-
PK	2.4112G	103.18	Inf	-Inf	30.76	3	Vertical	168	2.01	-

802.11n HT20_Nss1,(MCS0)_1TX

23/01/2019

2412MHz_TX

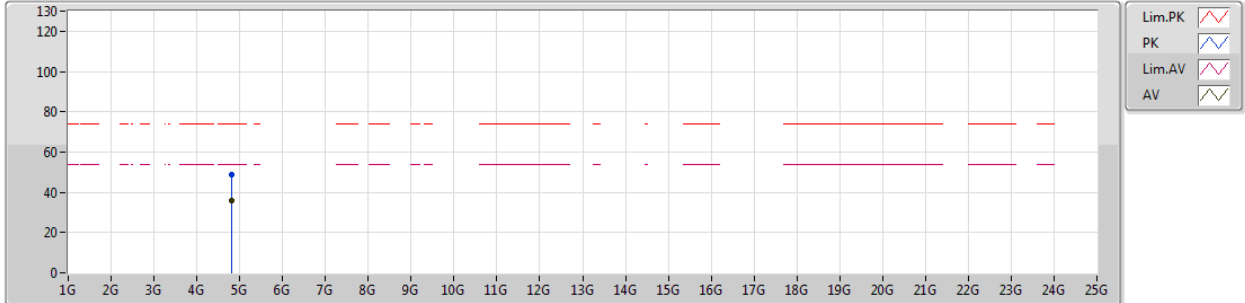


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	45.83	54.00	-8.17	30.69	3	Horizontal	279	1.58	-
AV	2.4136G	77.55	Inf	-Inf	30.76	3	Horizontal	279	1.58	-
PK	2.3886G	57.57	74.00	-16.43	30.68	3	Horizontal	279	1.58	-
PK	2.4148G	87.06	Inf	-Inf	30.77	3	Horizontal	279	1.58	-

802.11n HT20_Nss1,(MCS0)_1TX

24/01/2019

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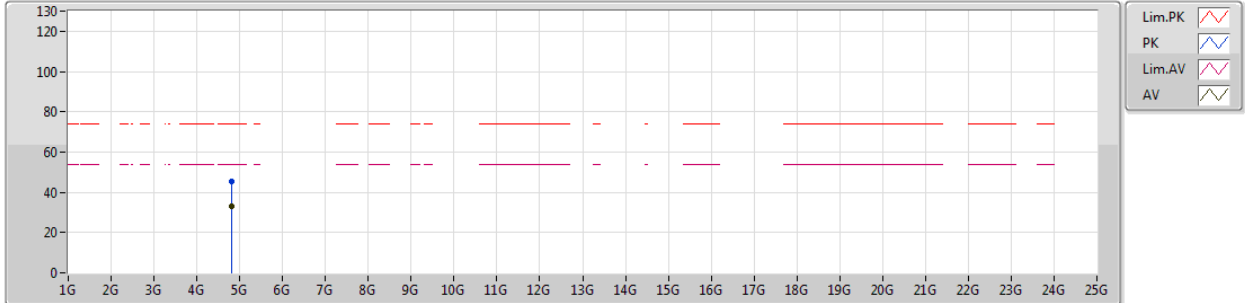


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82034G	36.01	54.00	-17.99	6.53	3	Vertical	188	1.50	-
PK	4.81926G	48.95	74.00	-25.05	6.53	3	Vertical	188	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

24/01/2019

2412MHz_TX

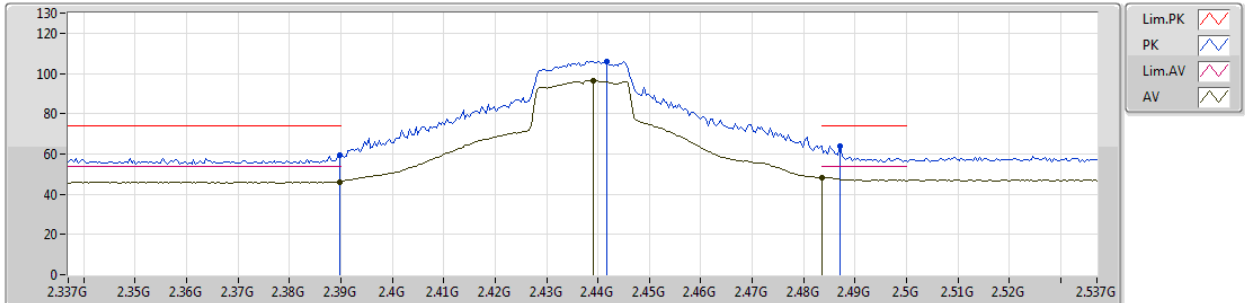


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.81062G	33.05	54.00	-20.95	6.50	3	Horizontal	168	1.50	-
PK	4.80966G	45.40	74.00	-28.60	6.50	3	Horizontal	168	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

23/01/2019

2437MHz_TX

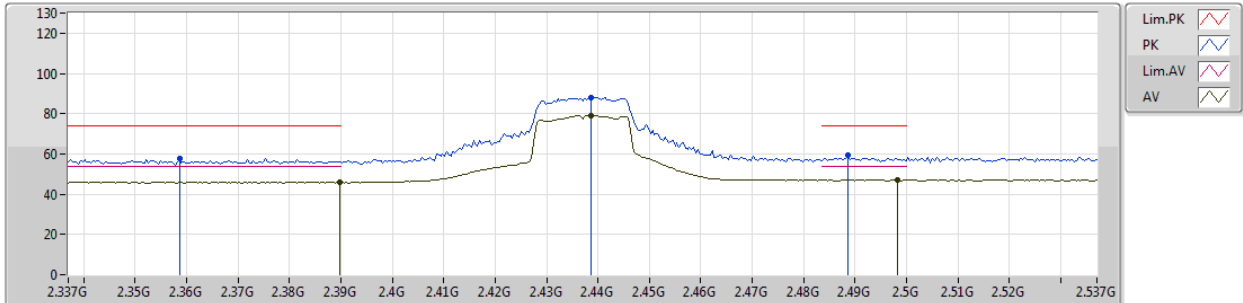


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	46.12	54.00	-7.88	30.69	3	Vertical	206	1.75	-
AV	2.439G	96.44	Inf	-Inf	30.83	3	Vertical	206	1.75	-
AV	2.4835G	48.18	54.00	-5.82	30.97	3	Vertical	206	1.75	-
PK	2.3898G	59.27	74.00	-14.73	30.69	3	Vertical	206	1.75	-
PK	2.4418G	106.05	Inf	-Inf	30.84	3	Vertical	206	1.75	-
PK	2.487G	63.94	74.00	-10.06	30.98	3	Vertical	206	1.75	-

802.11n HT20_Nss1,(MCS0)_1TX

23/01/2019

2437MHz_TX

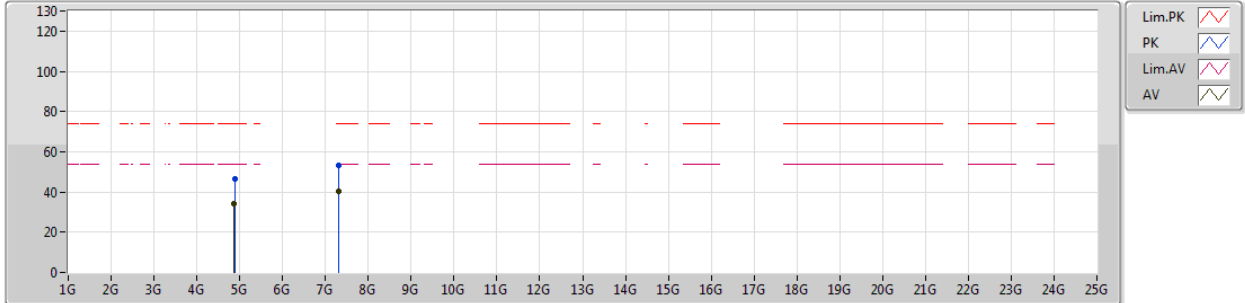


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	45.83	54.00	-8.17	30.69	3	Horizontal	279	1.49	-
AV	2.4386G	79.23	Inf	-Inf	30.83	3	Horizontal	279	1.49	-
AV	2.4982G	46.89	54.00	-7.11	31.01	3	Horizontal	279	1.49	-
PK	2.3586G	57.52	74.00	-16.48	30.59	3	Horizontal	279	1.49	-
PK	2.4386G	88.22	Inf	-Inf	30.83	3	Horizontal	279	1.49	-
PK	2.4886G	59.31	74.00	-14.69	30.98	3	Horizontal	279	1.49	-

802.11n HT20_Nss1,(MCS0)_1TX

24/01/2019

2437MHz_TX

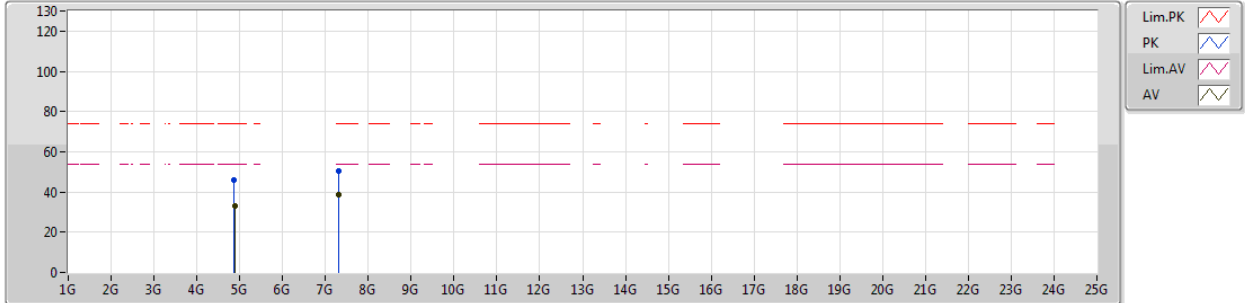


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8743G	34.40	54.00	-19.60	6.65	3	Vertical	179	1.50	-
AV	7.31034G	40.52	54.00	-13.48	11.34	3	Vertical	179	1.49	-
PK	4.8884G	46.46	74.00	-27.54	6.69	3	Vertical	179	1.50	-
PK	7.31226G	53.25	74.00	-20.75	11.34	3	Vertical	179	1.49	-

802.11n HT20_Nss1,(MCS0)_1TX

24/01/2019

2437MHz_TX

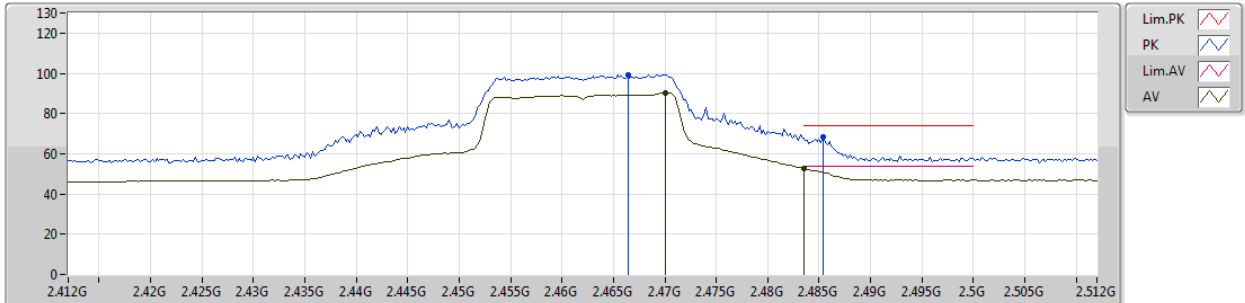


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.88828G	33.11	54.00	-20.89	6.69	3	Horizontal	215	1.50	-							
AV	7.31802G	38.75	54.00	-15.25	11.36	3	Horizontal	248	1.50	-							
PK	4.8602G	45.69	74.00	-28.31	6.62	3	Horizontal	215	1.50	-							
PK	7.31988G	50.66	74.00	-23.34	11.35	3	Horizontal	248	1.50	-							

802.11n HT20_Nss1,(MCS0)_1TX

23/01/2019

2462MHz_TX

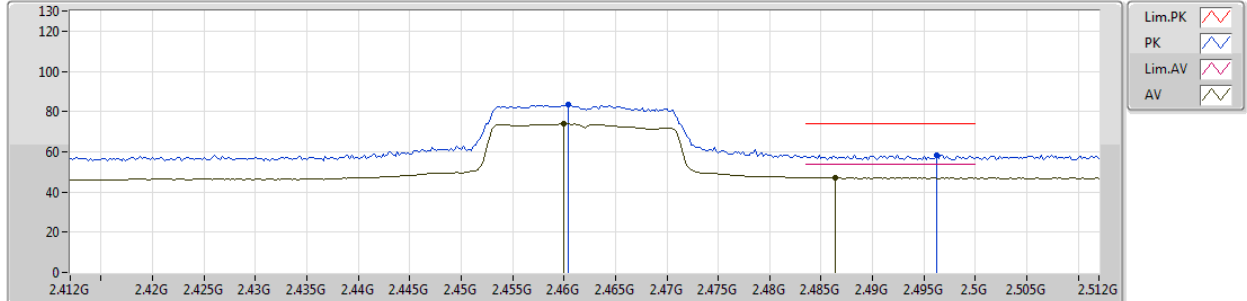


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.47G	90.22	Inf	-Inf	30.93	3	Vertical	207	1.55	-
AV	2.4835G	52.72	54.00	-1.28	30.97	3	Vertical	207	1.55	-
PK	2.4664G	99.36	Inf	-Inf	30.92	3	Vertical	207	1.55	-
PK	2.4854G	68.64	74.00	-5.36	30.97	3	Vertical	207	1.55	-

802.11n HT20_Nss1,(MCS0)_1TX

23/01/2019

2462MHz_TX

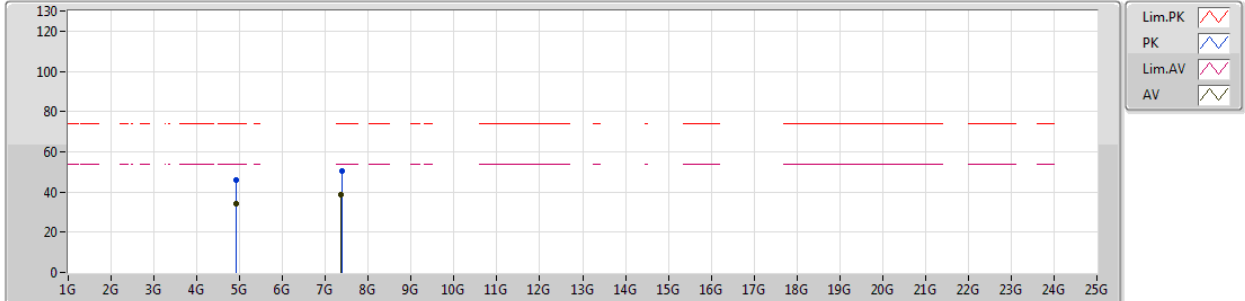


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.46G	73.85	Inf	-Inf	30.89	3	Horizontal	277	1.44	-
AV	2.4864G	47.14	54.00	-6.86	30.98	3	Horizontal	277	1.44	-
PK	2.4604G	83.62	Inf	-Inf	30.89	3	Horizontal	277	1.44	-
PK	2.4962G	58.28	74.00	-15.72	31.00	3	Horizontal	277	1.44	-

802.11n HT20_Nss1,(MCS0)_1TX

24/01/2019

2462MHz_TX

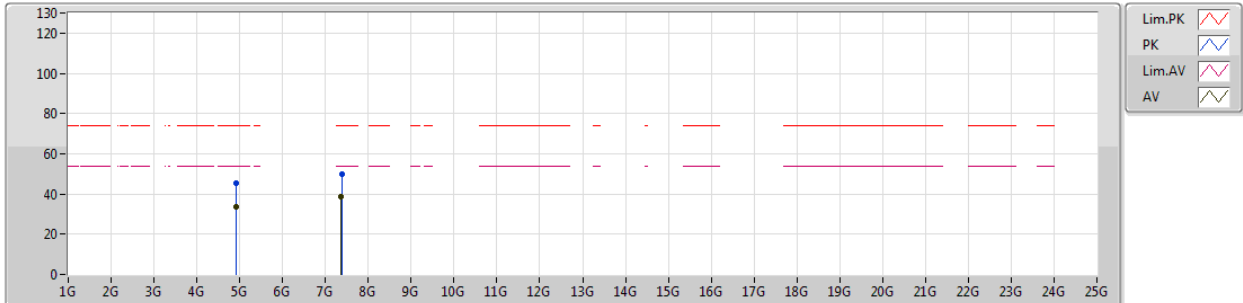


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92478G	34.03	54.00	-19.97	6.77	3	Vertical	176	1.50	-
AV	7.37286G	38.58	54.00	-15.42	11.46	3	Vertical	304	1.50	-
PK	4.92658G	45.91	74.00	-28.09	6.78	3	Vertical	176	1.50	-
PK	7.37514G	50.43	74.00	-23.57	11.47	3	Vertical	304	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

24/01/2019

2462MHz_TX

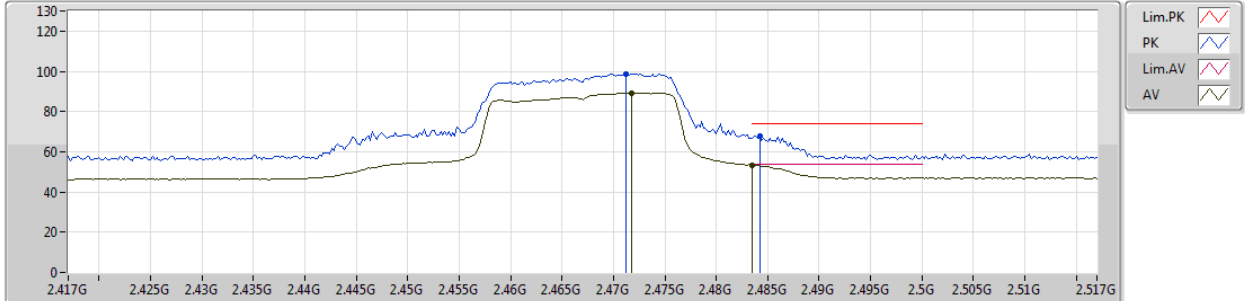


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.91308G	33.40	54.00	-20.60	6.75	3	Horizontal	334	1.50	-
AV	7.37394G	38.47	54.00	-15.53	11.46	3	Horizontal	129	1.26	-
PK	4.9246G	45.46	74.00	-28.54	6.77	3	Horizontal	334	1.50	-
PK	7.39884G	49.97	74.00	-24.03	11.51	3	Horizontal	129	1.26	-

802.11n HT20_Nss1,(MCS0)_1TX

23/01/2019

2467MHz_TX

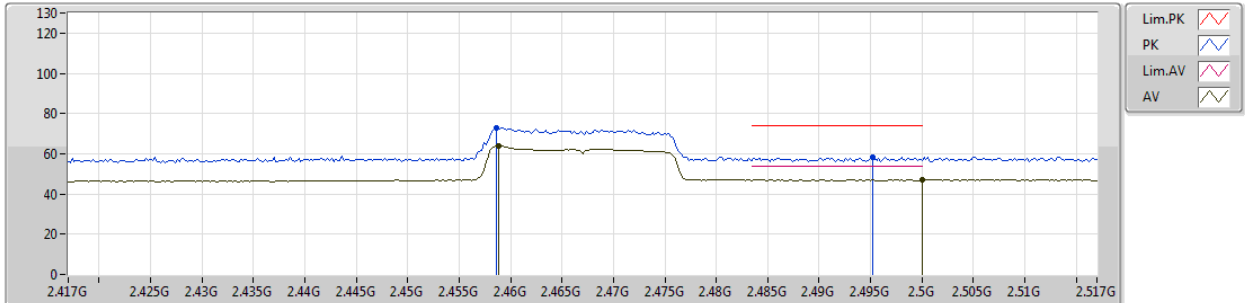


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4718G	89.30	Inf	-Inf	30.93	3	Vertical	205	1.50	-
AV	2.4835G	53.29	54.00	-0.71	30.97	3	Vertical	205	1.50	-
PK	2.4712G	98.72	Inf	-Inf	30.93	3	Vertical	205	1.50	-
PK	2.4842G	68.03	74.00	-5.97	30.97	3	Vertical	205	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

23/01/2019

2467MHz_TX

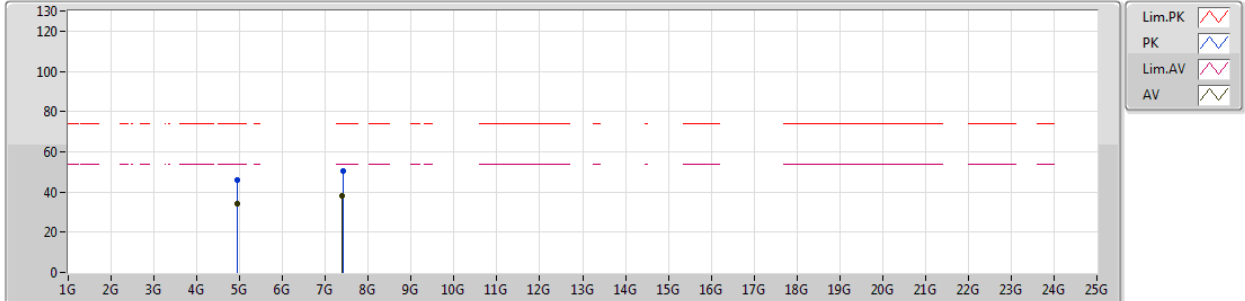


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4588G	63.79	Inf	-Inf	30.89	3	Horizontal	205	1.55	-
AV	2.5G	46.90	54.00	-7.10	31.02	3	Horizontal	205	1.55	-
PK	2.4586G	73.00	Inf	-Inf	30.89	3	Horizontal	205	1.55	-
PK	2.4952G	58.28	74.00	-15.72	31.00	3	Horizontal	205	1.55	-

802.11n HT20_Nss1,(MCS0)_1TX

24/01/2019

2467MHz_TX

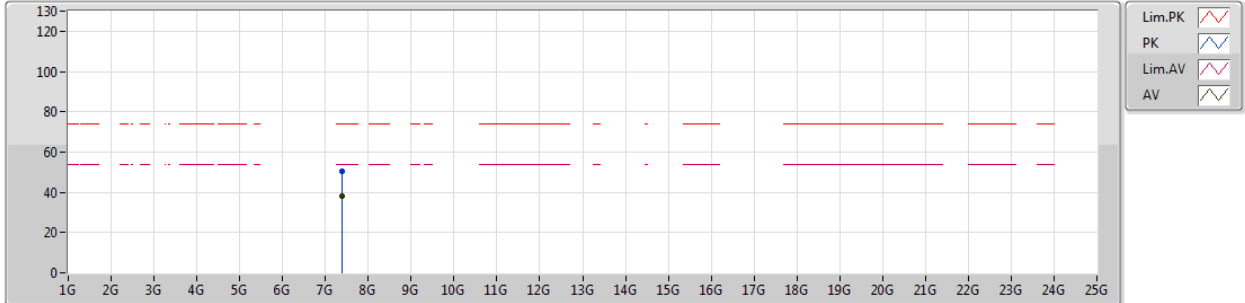


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.94048G	33.93	54.00	-20.07	6.81	3	Vertical	169	1.50	-
AV	7.39014G	38.30	54.00	-15.70	11.49	3	Vertical	30	1.50	-
PK	4.94726G	45.83	74.00	-28.17	6.83	3	Vertical	169	1.50	-
PK	7.40646G	50.19	74.00	-23.81	11.53	3	Vertical	30	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

24/01/2019

2467MHz_TX

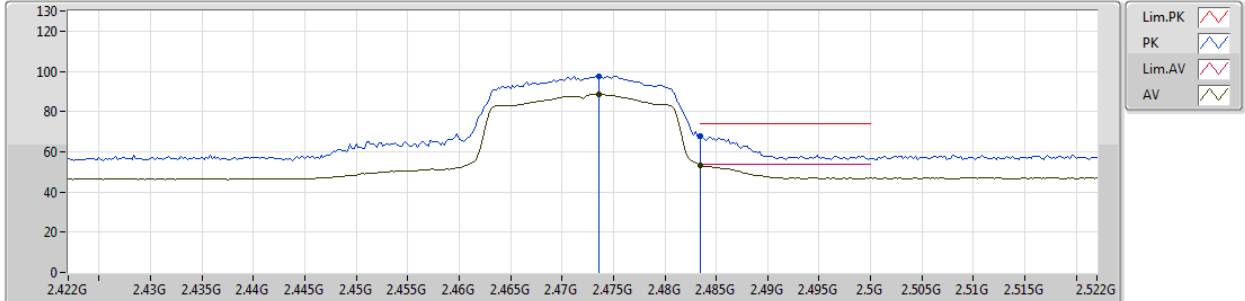


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	7.39098G	38.30	54.00	-15.70	11.50	3	Horizontal	241	1.50	-
PK	7.38888G	50.49	74.00	-23.51	11.49	3	Horizontal	241	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

23/01/2019

2472MHz_TX

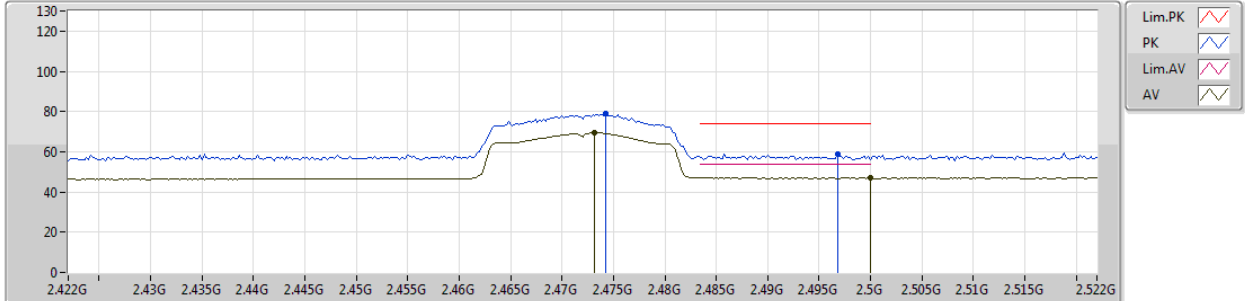


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4736G	88.50	Inf	-Inf	30.94	3	Vertical	205	1.49	-
AV	2.4835G	53.29	54.00	-0.71	30.97	3	Vertical	205	1.49	-
PK	2.4736G	97.77	Inf	-Inf	30.94	3	Vertical	205	1.49	-
PK	2.4835G	67.84	74.00	-6.16	30.97	3	Vertical	205	1.49	-

802.11n HT20_Nss1,(MCS0)_1TX

23/01/2019

2472MHz_TX

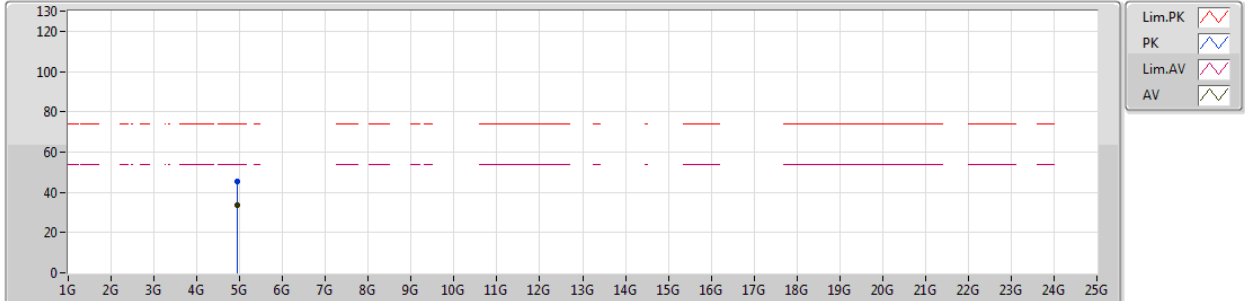


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4732G	69.32	Inf	-Inf	30.94	3	Horizontal	273	1.98	-
AV	2.5G	46.90	54.00	-7.10	31.02	3	Horizontal	273	1.98	-
PK	2.4742G	79.00	Inf	-Inf	30.94	3	Horizontal	273	1.98	-
PK	2.4968G	58.79	74.00	-15.21	31.00	3	Horizontal	273	1.98	-

802.11n HT20_Nss1,(MCS0)_1TX

24/01/2019

2472MHz_TX

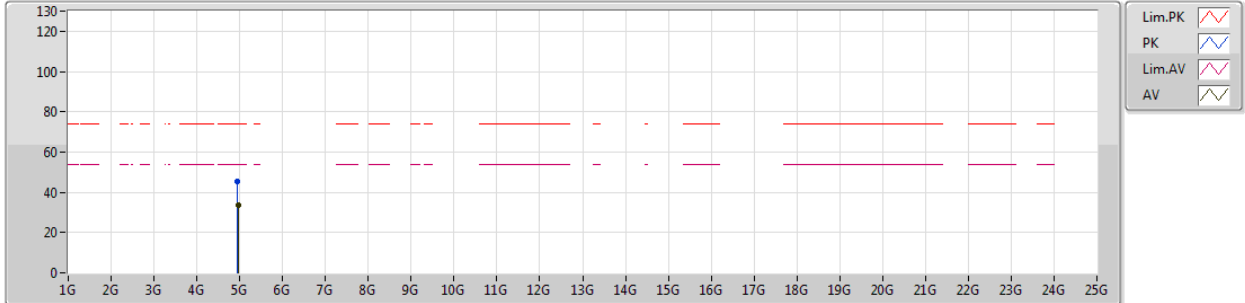


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.94934G	33.69	54.00	-20.31	6.83	3	Vertical	166	1.50	-
PK	4.95564G	45.61	74.00	-28.39	6.85	3	Vertical	166	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

24/01/2019

2472MHz_TX

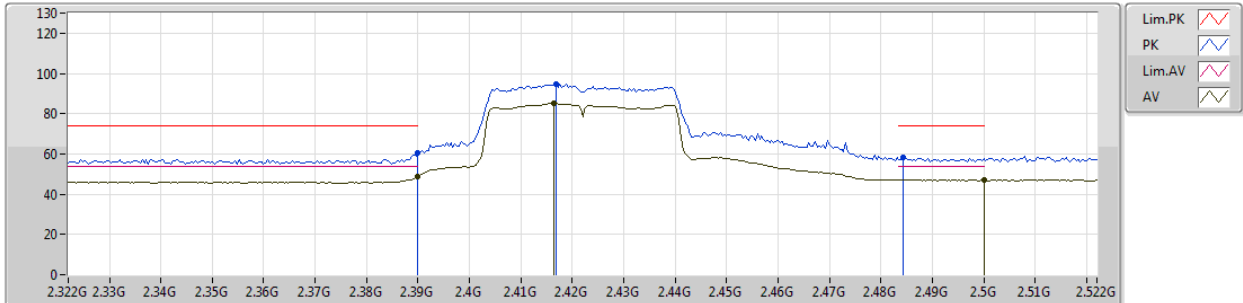


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.95726G	33.56	54.00	-20.44	6.85	3	Horizontal	35	1.50	-
PK	4.9521G	45.58	74.00	-28.42	6.84	3	Horizontal	35	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

23/01/2019

2422MHz_TX

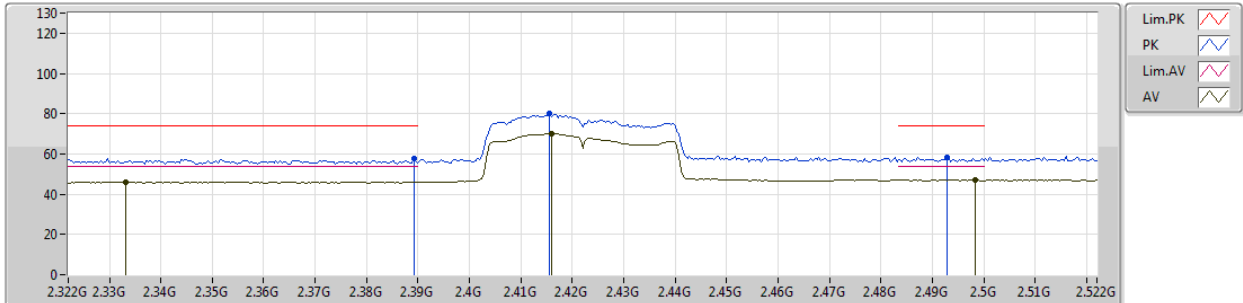


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	48.76	54.00	-5.24	30.69	3	Vertical	177	1.90	-
AV	2.4164G	84.95	Inf	-Inf	30.77	3	Vertical	177	1.90	-
AV	2.5G	46.90	54.00	-7.10	31.02	3	Vertical	177	1.90	-
PK	2.39G	60.68	74.00	-13.32	30.69	3	Vertical	177	1.90	-
PK	2.4168G	94.75	Inf	-Inf	30.77	3	Vertical	177	1.90	-
PK	2.4844G	58.10	74.00	-15.90	30.97	3	Vertical	177	1.90	-

802.11n HT40_Nss1,(MCS0)_1TX

23/01/2019

2422MHz_TX

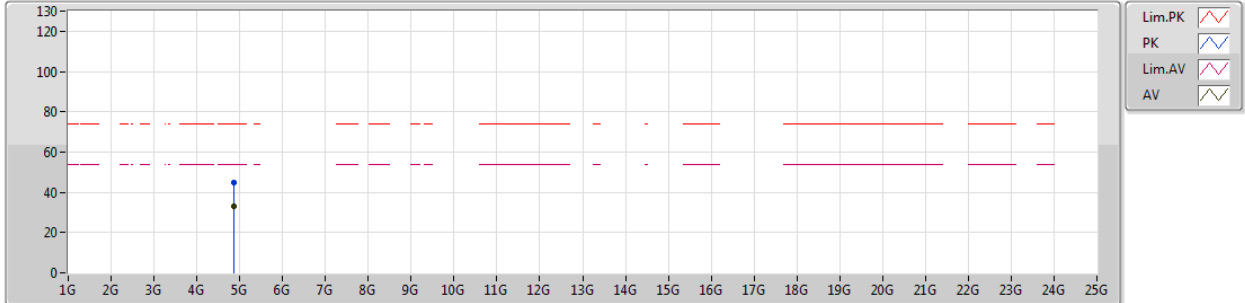


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3332G	46.10	54.00	-7.90	30.51	3	Horizontal	279	1.55	-
AV	2.416G	70.05	Inf	-Inf	30.77	3	Horizontal	279	1.55	-
AV	2.4984G	46.89	54.00	-7.11	31.01	3	Horizontal	279	1.55	-
PK	2.3892G	57.93	74.00	-16.07	30.68	3	Horizontal	279	1.55	-
PK	2.4156G	79.94	Inf	-Inf	30.77	3	Horizontal	279	1.55	-
PK	2.4928G	58.27	74.00	-15.73	30.99	3	Horizontal	279	1.55	-

802.11n HT40_Nss1,(MCS0)_1TX

24/01/2019

2422MHz_TX

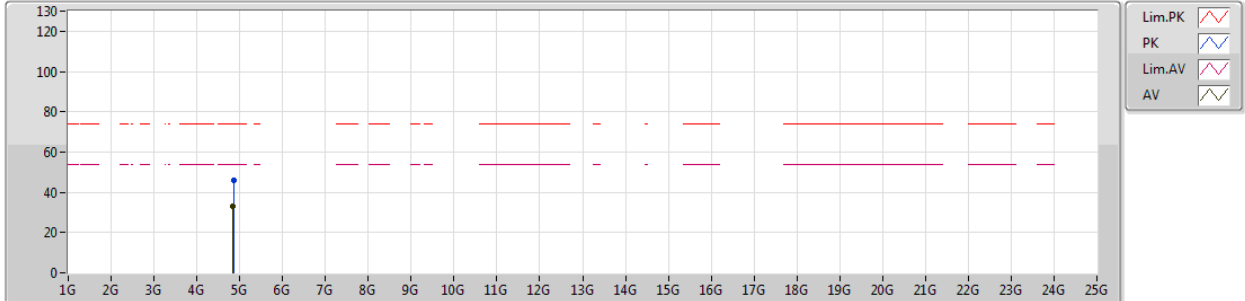


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.85546G	33.07	54.00	-20.93	6.62	3	Vertical	107	1.50	-
PK	4.85636G	44.80	74.00	-29.20	6.62	3	Vertical	107	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

24/01/2019

2422MHz_TX

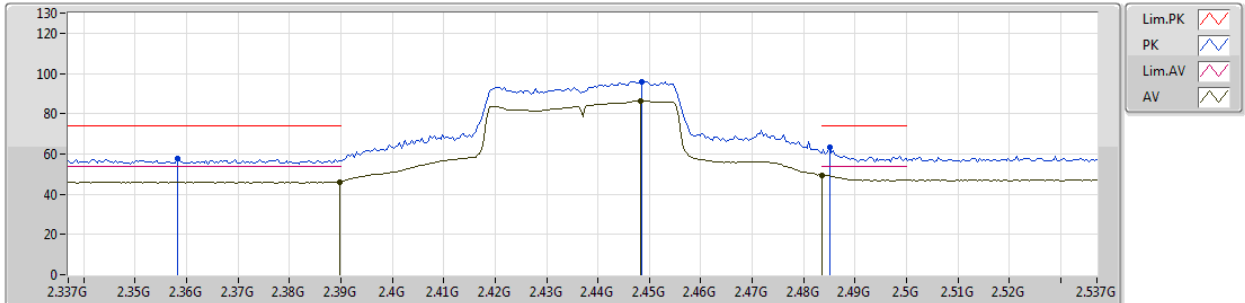


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.84664G	32.97	54.00	-21.03	6.59	3	Horizontal	326	1.12	-							
PK	4.8584G	45.77	74.00	-28.23	6.62	3	Horizontal	326	1.12	-							

802.11n HT40_Nss1,(MCS0)_1TX

23/01/2019

2437MHz_TX

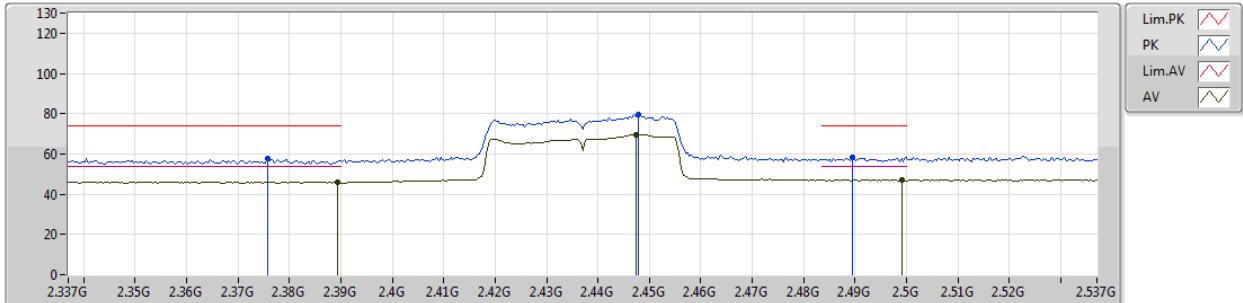


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	46.12	54.00	-7.88	30.69	3	Vertical	0	1.91	-
AV	2.4482G	86.37	Inf	-Inf	30.87	3	Vertical	0	1.91	-
AV	2.4835G	49.56	54.00	-4.44	30.97	3	Vertical	0	1.91	-
PK	2.3582G	57.52	74.00	-16.48	30.59	3	Vertical	0	1.91	-
PK	2.4486G	95.85	Inf	-Inf	30.87	3	Vertical	0	1.91	-
PK	2.485G	63.41	74.00	-10.59	30.97	3	Vertical	0	1.91	-

802.11n HT40_Nss1,(MCS0)_1TX

23/01/2019

2437MHz_TX

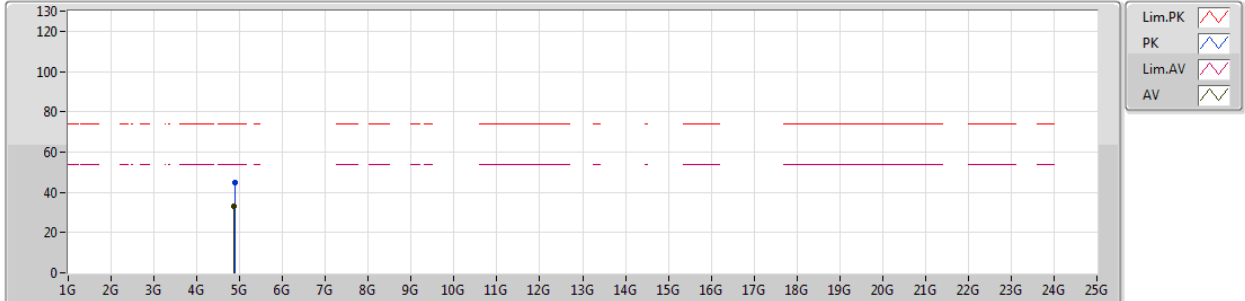


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3758G	57.84	74.00	-16.16	30.64	3	Horizontal	278	1.45	-
AV	2.3894G	45.82	54.00	-8.18	30.68	3	Horizontal	278	1.45	-
PK	2.4478G	79.69	Inf	-Inf	30.86	3	Horizontal	278	1.45	-
AV	2.4474G	69.74	Inf	-Inf	30.86	3	Horizontal	278	1.45	-
PK	2.4894G	58.41	74.00	-15.59	30.98	3	Horizontal	278	1.45	-
AV	2.499G	46.89	54.00	-7.11	31.01	3	Horizontal	278	1.45	-

802.11n HT40_Nss1,(MCS0)_1TX

24/01/2019

2437MHz_TX

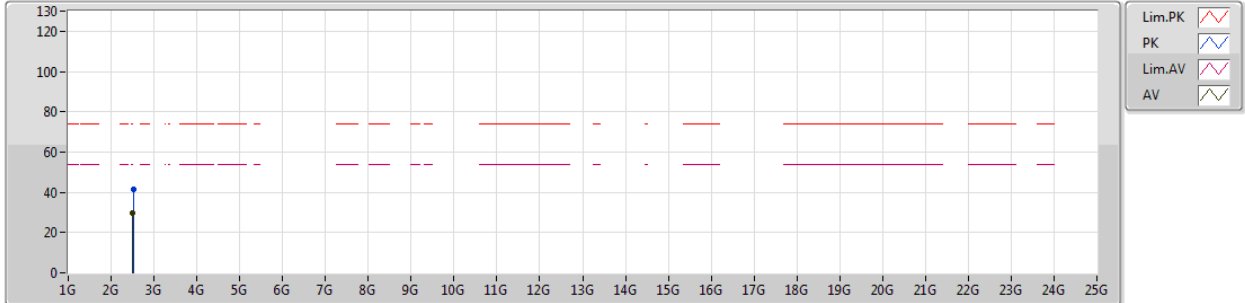


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.86068G	33.04	54.00	-20.96	6.62	3	Vertical	99	1.50	-
PK	4.8785G	44.93	74.00	-29.07	6.67	3	Vertical	99	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

24/01/2019

2437MHz_TX

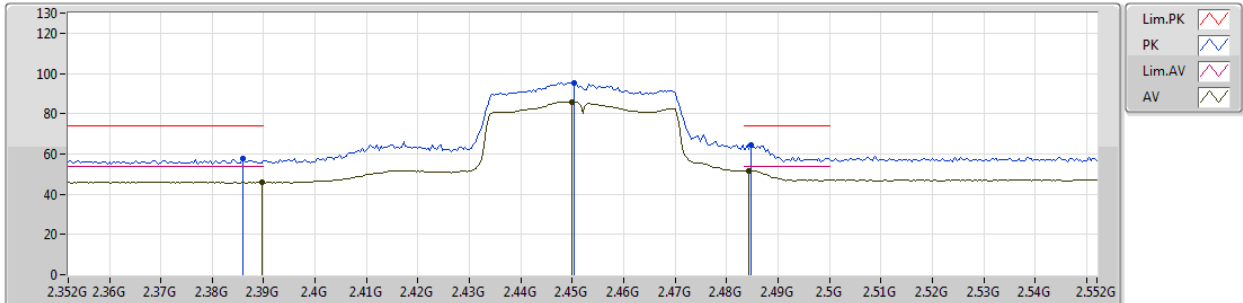


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	2.509G	29.42	Inf	-Inf	0.66	3	Horizontal	17	1.50	-								
PK	2.5242G	41.21	Inf	-Inf	0.70	3	Horizontal	17	1.50	-								

802.11n HT40_Nss1,(MCS0)_1TX

23/01/2019

2452MHz_TX

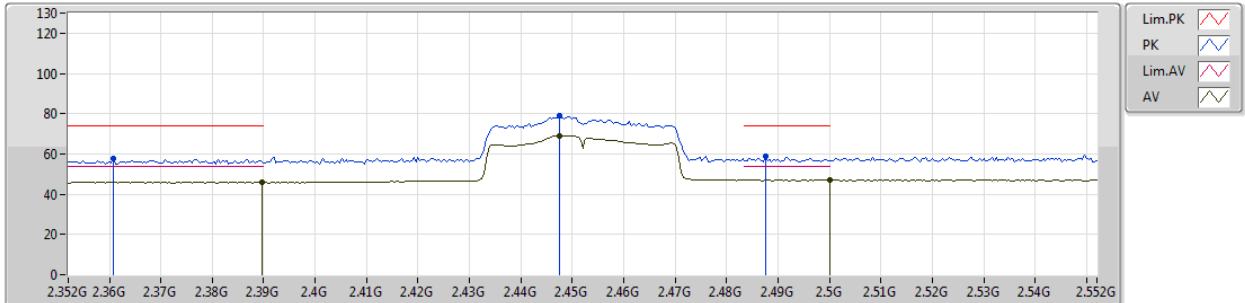


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	45.83	54.00	-8.17	30.69	3	Vertical	345	1.90	-
AV	2.45G	85.80	Inf	-Inf	30.87	3	Vertical	345	1.90	-
AV	2.4844G	51.46	54.00	-2.54	30.97	3	Vertical	345	1.90	-
PK	2.386G	57.47	74.00	-16.53	30.68	3	Vertical	345	1.90	-
PK	2.4504G	95.35	Inf	-Inf	30.87	3	Vertical	345	1.90	-
PK	2.4848G	64.49	74.00	-9.51	30.97	3	Vertical	345	1.90	-

802.11n HT40_Nss1,(MCS0)_1TX

23/01/2019

2452MHz_TX

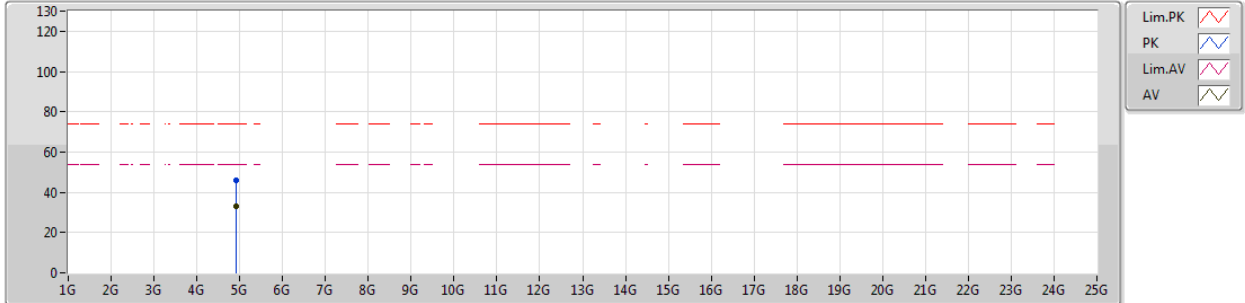


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	45.83	54.00	-8.17	30.69	3	Horizontal	278	1.45	-
AV	2.4476G	69.13	Inf	-Inf	30.86	3	Horizontal	278	1.45	-
AV	2.5G	46.90	54.00	-7.10	31.02	3	Horizontal	278	1.45	-
PK	2.3608G	57.80	74.00	-16.20	30.60	3	Horizontal	278	1.45	-
PK	2.4476G	79.12	Inf	-Inf	30.86	3	Horizontal	278	1.45	-
PK	2.4876G	58.62	74.00	-15.38	30.98	3	Horizontal	278	1.45	-

802.11n HT40_Nss1,(MCS0)_1TX

24/01/2019

2452MHz_TX

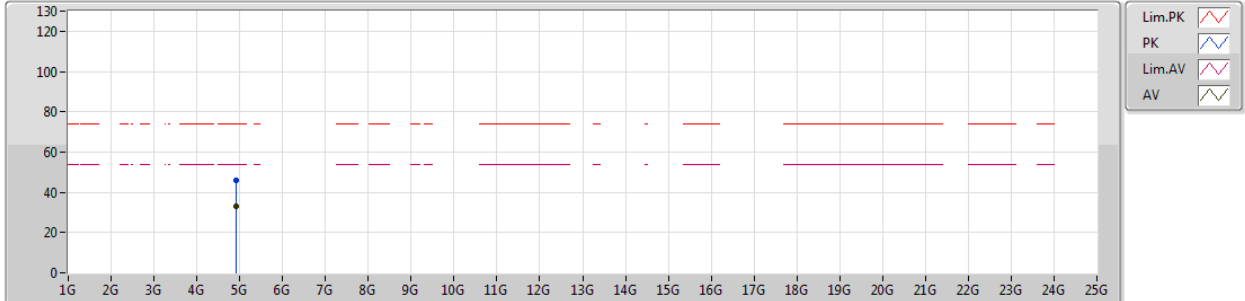


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.91384G	33.29	54.00	-20.71	6.75	3	Vertical	193	1.38	-
PK	4.91066G	45.90	74.00	-28.10	6.73	3	Vertical	193	1.38	-

802.11n HT40_Nss1,(MCS0)_1TX

24/01/2019

2452MHz_TX

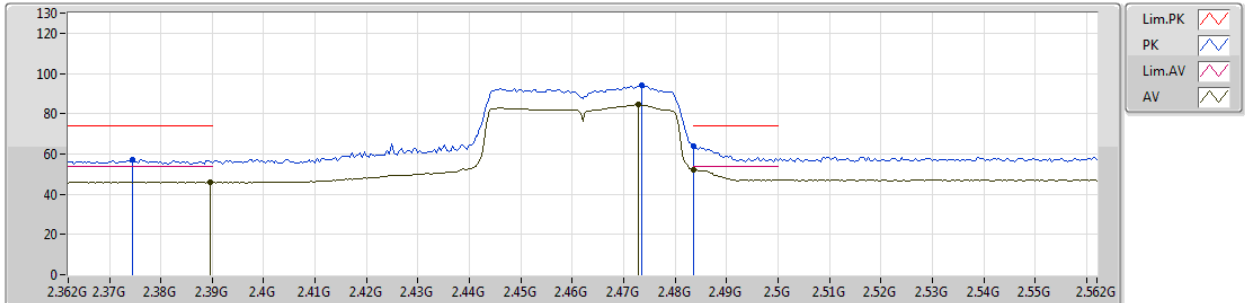


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	4.91888G	33.25	54.00	-20.75	6.76	3	Horizontal	35	1.50	-								
PK	4.91858G	45.72	74.00	-28.28	6.76	3	Horizontal	35	1.50	-								

802.11n HT40_Nss1,(MCS0)_1TX

23/01/2019

2462MHz_TX

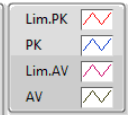
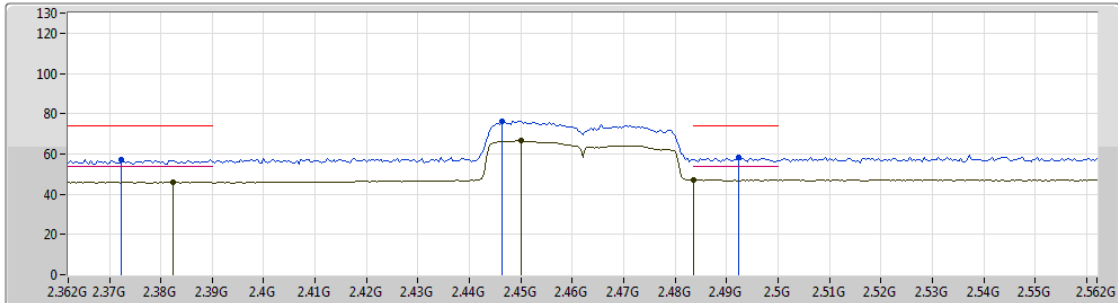


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	45.83	54.00	-8.17	30.69	3	Vertical	206	1.52	-
AV	2.4728G	84.43	Inf	-Inf	30.93	3	Vertical	206	1.52	-
AV	2.4835G	52.11	54.00	-1.89	30.97	3	Vertical	206	1.52	-
PK	2.3744G	57.35	74.00	-16.65	30.64	3	Vertical	206	1.52	-
PK	2.4736G	93.94	Inf	-Inf	30.94	3	Vertical	206	1.52	-
PK	2.4835G	63.96	74.00	-10.04	30.97	3	Vertical	206	1.52	-

802.11n HT40_Nss1,(MCS0)_1TX

23/01/2019

2462MHz_TX

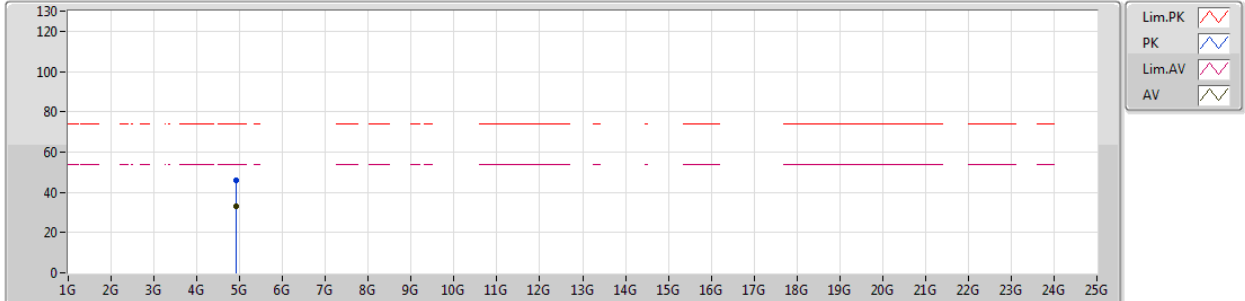


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3824G	46.04	54.00	-7.96	30.67	3	Horizontal	279	1.23	-
AV	2.45G	66.49	Inf	-Inf	30.87	3	Horizontal	279	1.23	-
AV	2.4835G	47.13	54.00	-6.87	30.97	3	Horizontal	279	1.23	-
PK	2.3724G	57.19	74.00	-16.81	30.63	3	Horizontal	279	1.23	-
PK	2.4464G	76.27	Inf	-Inf	30.86	3	Horizontal	279	1.23	-
PK	2.4924G	58.49	74.00	-15.51	30.99	3	Horizontal	279	1.23	-

802.11n HT40_Nss1,(MCS0)_1TX

24/01/2019

2462MHz_TX

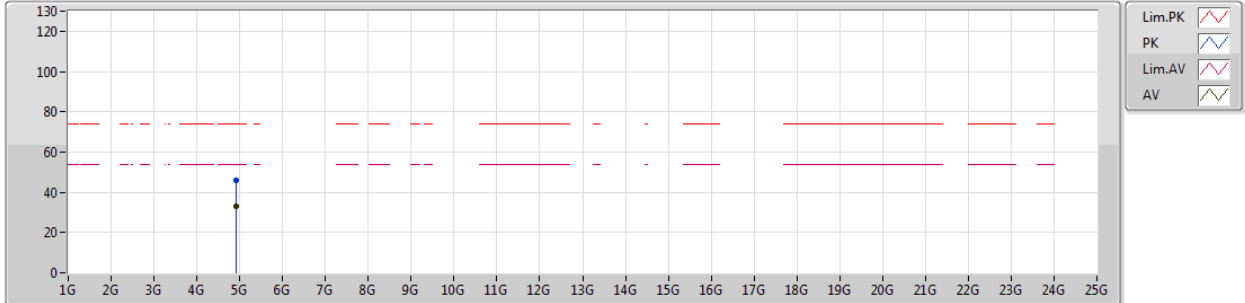


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92904G	33.30	54.00	-20.70	6.78	3	Vertical	157	1.48	-
PK	4.92706G	45.78	74.00	-28.22	6.78	3	Vertical	157	1.48	-

802.11n HT40_Nss1,(MCS0)_1TX

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2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	4.91638G	33.33	54.00	-20.67	6.75	3	Horizontal	358	1.50	-								
PK	4.91152G	45.92	74.00	-28.08	6.74	3	Horizontal	358	1.50	-								