FCC Test Report

FCC ID	:	**2AEUPBHALP011**
Equipment	:	**Video Doorbell Pro**
Brand Name	:	**RING LLC**
Model Name	:	**Video Doorbell Pro**
Applicant	:	**Ring LLC** **1523 26th St, Santa Monica, CA 90404, USA**
Manufacturer	:	**Chicony Electronics (Dong Guan) Co.,Ltd.** **San Zhong Guan Li Qu, Qingxi Town, Dongguan City** **Guangdong 523651 China**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Apr. 20, 2020, and testing was started from May 07, 2020 and completed on Jun. 29, 2020. 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 test results in this 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
FR5N2432-09AN	01	Initial issue of report	Aug. 21, 2020

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
-	15.207	AC Power-line Conducted Emissions	Not Required	-
3.1	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Conducted Output Power	PASS	-
3.3	15.407(a)	Peak Power Spectral Density	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
None

Reviewed by: Sam Tsai

Report Producer: Yunha Liou

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20)	5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
5250-5350	n (HT40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	1TX
5.47-5.725GHz	802.11a	20	1TX
5.25-5.35GHz	802.11n HT20	20	1TX
5.47-5.725GHz	802.11n HT20	20	1TX
5.25-5.35GHz	802.11n HT40	40	1TX
5.47-5.725GHz	802.11n HT40	40	1TX

Note:
- 11a, 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.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	-	Ring Wifi Antenna	PIFA	Fixed on board	3.39

Note 1: The EUT has one antennas.

For 5GHz function:

For IEEE 802.11 a/n mode (1TX/1RX)

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

1.1.3 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR5N2432-03

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

Modifications	Performance Checking
U-NII-2A and UNII-2C were added.	All

1.1.4 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter			
EUT Function	☐	Outdoor AP	☐	Indoor AP
	☐	Fixed P2P AP	☒	Outdoor Client
Beamforming Function	☐	With beamforming	☐	Without beamforming
TPC Function	☐	With TPC Function	☒	Without TPC Function
Weather Band	☐	With 5600~5650MHz	☒	Without 5600~5650MHz

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:	

1.1.5 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_1TX	0.951	0.22	2.065m	1k
802.11n HT20_Nss1,(MCS0)_1TX	0.951	0.22	1.921m	1k
802.11n HT40_Nss1,(MCS0)_1TX	0.907	0.42	945u	3k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

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 789033 D02 v02r01

The following reference test guidance is not within the scope of accreditation of TAF:

- KDB 414788 D01 v01r01

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.			
☒	Wen Shan	ADD : No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)	
		TEL : 886-3-318-0787	FAX : 886-3-318-0287
Test site Designation No. TW1097 with FCC.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Raven	22.4~23.6°C / 57~63%	07/May/2020~ 29/Jun/2020
Radiated	03CH09-HY	Daniel	21.4~23.2°C / 53~59%	07/May/2020~ 26/Jun/2020

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)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

Condition Item	Abbreviation/Remark	Remark
TnomVnom	Tnom	20°C
-	Vnom	8V

2.2 Test Channel Mode

Test Software	Dos

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5260MHz	88
5300MHz	88
5320MHz	88
5500MHz	37
5580MHz	74
5700MHz	35
802.11n HT20_Nss1,(MCS0)_1TX	-
5260MHz	88
5300MHz	88
5320MHz	32
5500MHz	30
5580MHz	74
5700MHz	28
802.11n HT40_Nss1,(MCS0)_1TX	-
5270MHz	88
5310MHz	41
5510MHz	48
5550MHz	88
5670MHz	60

2.3 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	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	Adapter mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT	V		

2.4 Accessories

Accessories Information				
Li-ion Battery	**Brand Name**	Fuji	**Model Name**	334060
	Power Rating	3.8 Vdc, 300 mAh		

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

2.5 Support Equipment

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Transformer	TRIAD	VPL16-1600	-	Note 1

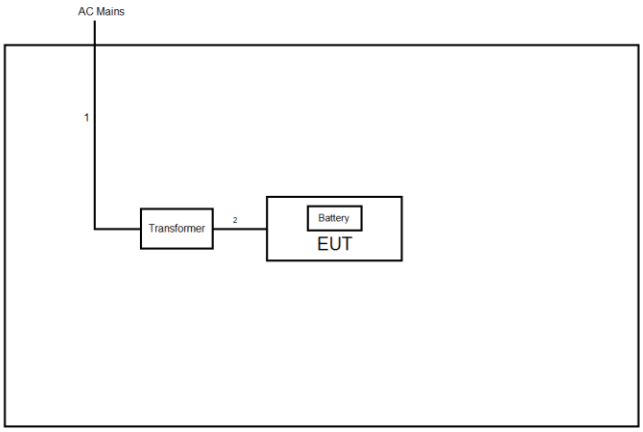
Note 1: No.3 was provided by customer.

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Transformer	TRIAD	VPL16-1600	-	Note 1

Note 1: No.1 was provided by customer.

2.6 Test Setup Diagram

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	DC Power Cable	No	0.15	-

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit
UNII Devices
☐ For the 5.15-5.25 GHz band, N/A
☒ For the 5.25-5.35 GHz band, N/A
☒ For the 5.47-5.725 GHz band, N/A
☐ For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

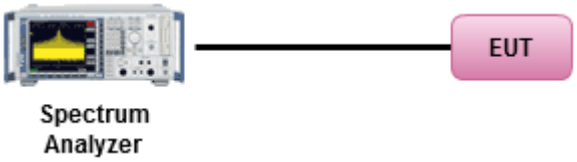
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
	☒ Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
	☐ Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
	☐ Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.1.4 Test Setup

Emission Bandwidth
 Spectrum Analyzer

3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☐ For the 5.15-5.25 GHz band:	
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒ For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).	
☒ For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).	
☐ For the 5.725-5.85 GHz band:	
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

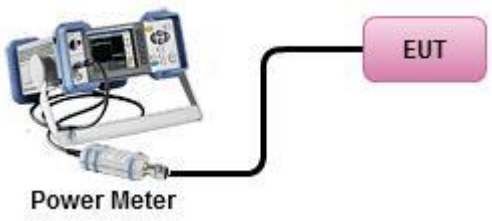
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ Maximum Conducted Output Power	
	Duty cycle ≥ 98%
	☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle < 98%
	☐ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as KDB 789033, clause E Method PM (using an RF average 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: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.2.4 Test Setup

RF Output Power (Power Meter)


3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☐	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☒	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

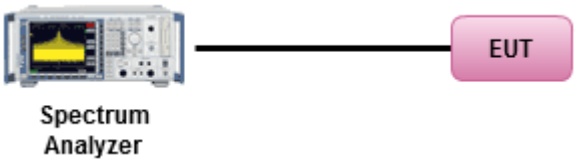
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐ Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth	
	Duty cycle ≥ 98%	
	☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).	
	Duty cycle < 98%	
	☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
▪ For conducted measurement.		
	▪ If the EUT supports multiple transmit chains using options given below:	
		▪ Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.3.4 Test Setup

Power Spectral Density


3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz 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.			

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
Note 1: 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).	

3.4.2 Measuring Instruments

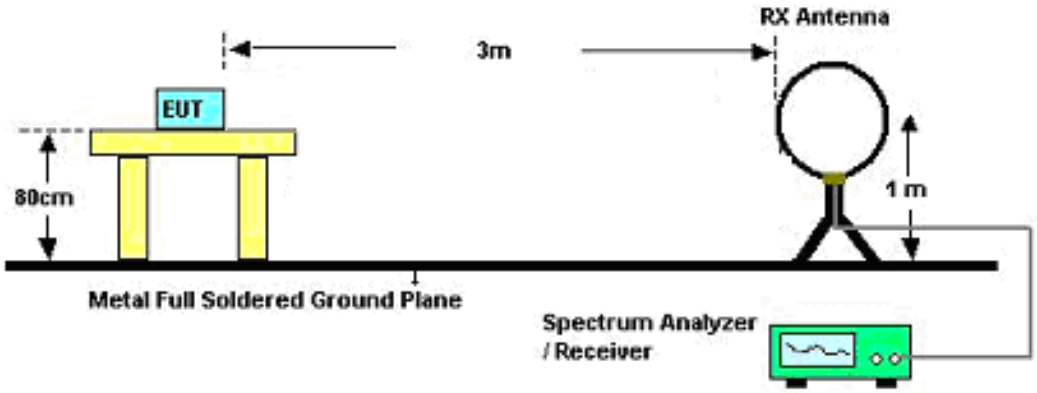
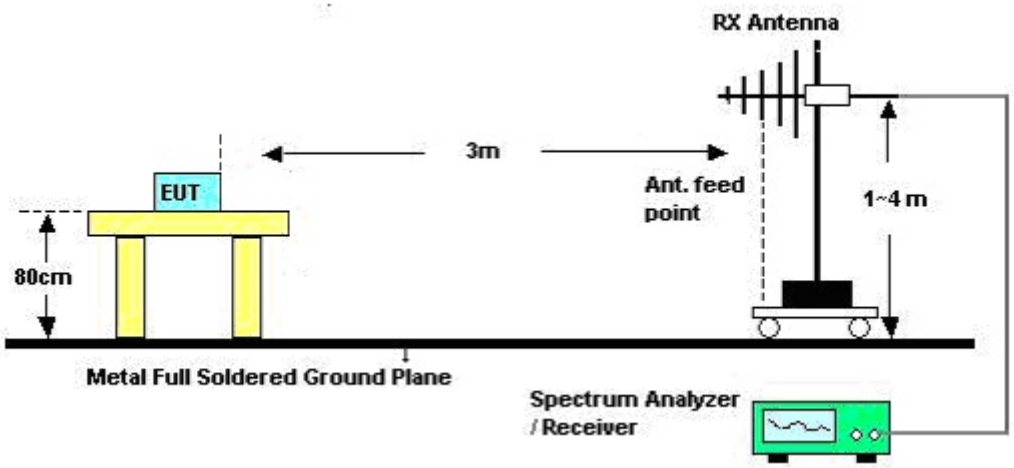
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

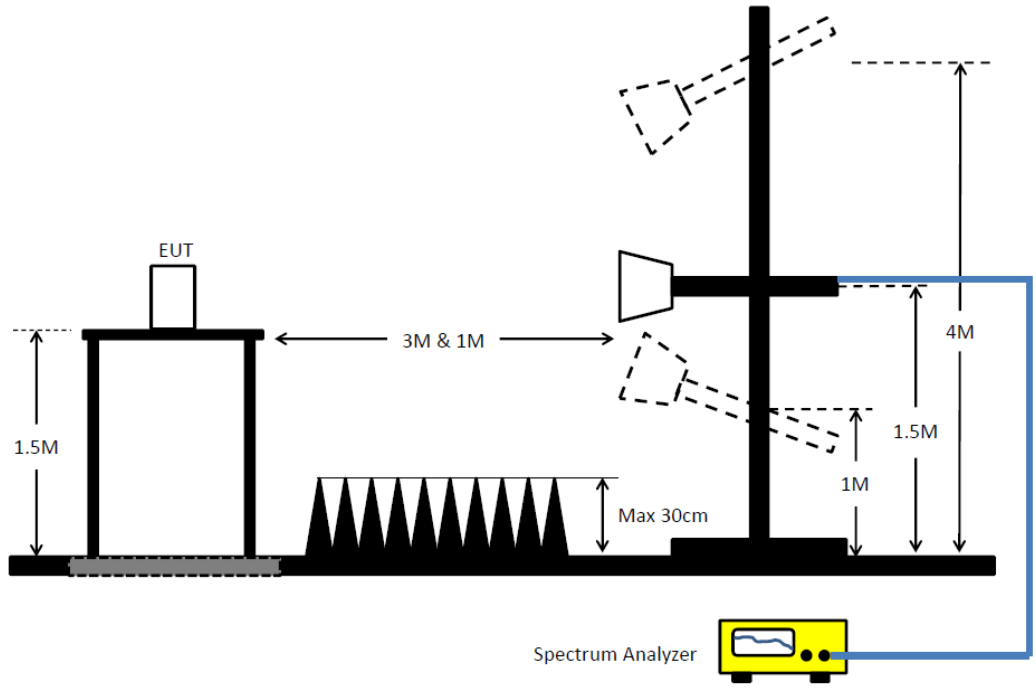
Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. 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).			
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.		
	▪ Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.		
		☒ Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.	
		☒ Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.	
▪ For radiated measurement.			
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.		
▪ The any unwanted emissions level shall not exceed the fundamental emission level.			
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.			

▪ 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 ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.
▪	KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.
	▪ Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

3.4.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.4.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101029	10kHz ~ 40GHz	01/Oct/2019	30/Sep/2020
Pulse Power Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	18/Mar/2020	17/Mar/2021
Power Meter	Anritsu	ML2495A	1124009	300MHz ~ 40GHz	18/Mar/2020	17/Mar/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz ~ 40GHz	12/Nov/2018	10/Nov/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	27/Mar/2020	26/Mar/2021
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	19/Mar/2020	18/Mar/2021
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	04/Sep/2019	03/Sep/2020
Amplifier	EMC	EMC9135	980232	9kHz ~ 1GHz	14/Apr/2020	13/Apr/2021
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	28/May/2019	27/May/2020
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	07/Aug/2019	06/Aug/2020
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D & MTJ6102-05	35418 / 3	30MHz ~ 1GHz	11/Oct/2019	10/Oct/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz ~ 18GHz	22/May/2019	21/May/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz ~ 18GHz	28/May/2020	27/May/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170221	18GHz ~ 40GHz	13/Mar/2020	12/Mar/2021
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	10/Mar/2020	09/Mar/2021
Loop Antenna	TESEQ	HLA 6120	31244	9kHz ~ 30MHz	16/Mar/2020	15/Mar/2021
RF Cable-low	Jye Bao	RG142	CB031+324530/4	9kHz ~ 1GHz	12/Feb/2020	11/Feb/2021
RF Cable-high	HUBER+SUHNER	SUCOFLEX104	324530/4+17173/4	1GHz ~ 40GHz	12/Feb/2020	11/Feb/2021

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	37.71M	18.735M	18M7D1D	36.15M	17.655M
802.11n HT20_Nss1,(MCS0)_1TX	41.58M	18.663M	18M7D1D	19.44M	17.511M
802.11n HT40_Nss1,(MCS0)_1TX	72.9M	36.318M	36M3D1D	55.38M	36.078M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	36.36M	18.543M	18M5D1D	18.93M	16.384M
802.11n HT20_Nss1,(MCS0)_1TX	40.26M	18.951M	19M0D1D	19.23M	17.487M
802.11n HT40_Nss1,(MCS0)_1TX	73.38M	36.366M	36M4D1D	43.02M	36.03M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	36.9M	18.615M
5300MHz_TnomVnom	Pass	Inf	37.71M	18.735M
5320MHz_TnomVnom	Pass	Inf	36.15M	17.655M
5500MHz_TnomVnom	Pass	Inf	19.2M	16.384M
5580MHz_TnomVnom	Pass	Inf	36.36M	18.543M
5700MHz_TnomVnom	Pass	Inf	18.93M	16.384M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	38.31M	18.543M
5300MHz_TnomVnom	Pass	Inf	41.58M	18.663M
5320MHz_TnomVnom	Pass	Inf	19.44M	17.511M
5500MHz_TnomVnom	Pass	Inf	19.23M	17.487M
5580MHz_TnomVnom	Pass	Inf	40.26M	18.951M
5700MHz_TnomVnom	Pass	Inf	19.29M	17.511M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	72.9M	36.318M
5310MHz_TnomVnom	Pass	Inf	55.38M	36.078M
5510MHz_TnomVnom	Pass	Inf	43.02M	36.03M
5550MHz_TnomVnom	Pass	Inf	73.38M	36.366M
5670MHz_TnomVnom	Pass	Inf	50.16M	36.03M

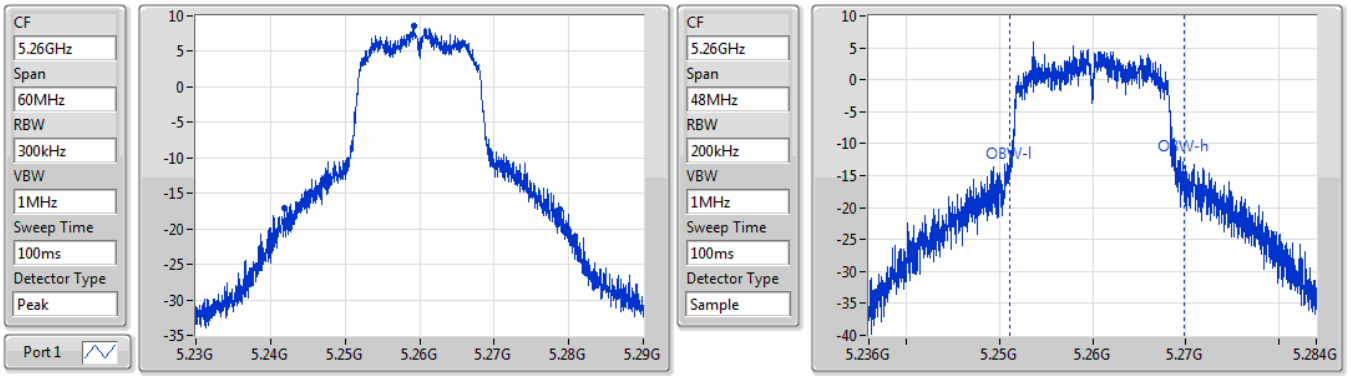
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

11/05/2020



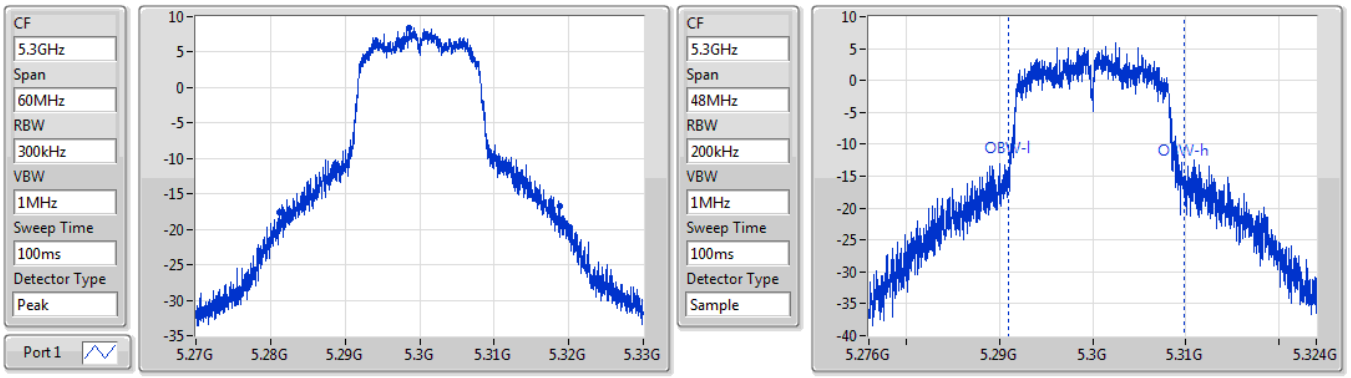
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.9M	5.24182G	5.27872G	18.615M	5.251172G	5.269787G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5300MHz

11/05/2020



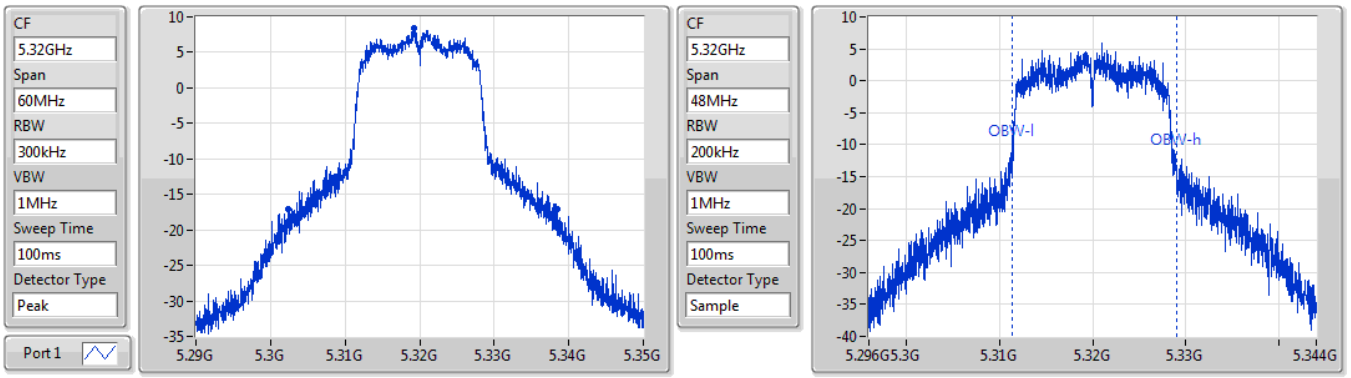
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.71M	5.28113G	5.31884G	18.735M	5.291028G	5.309763G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5320MHz

11/05/2020



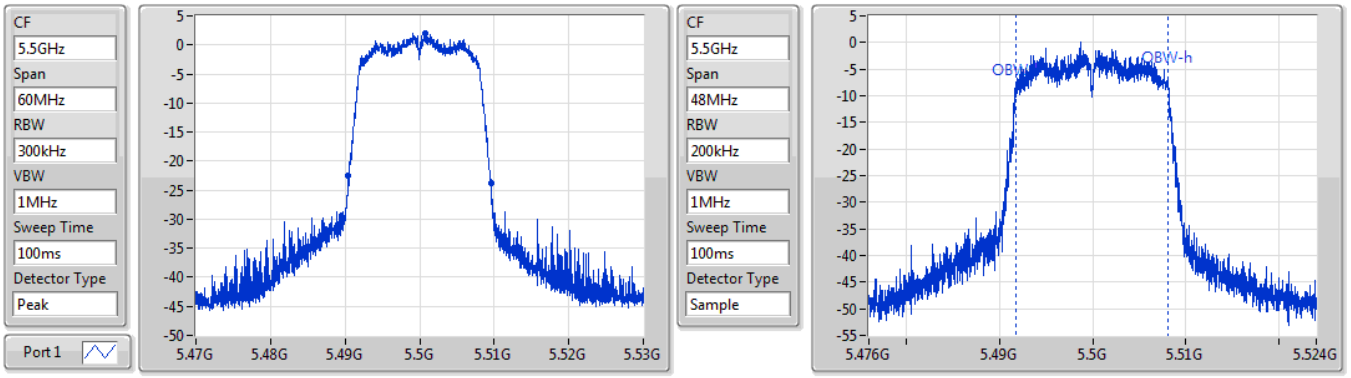
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.15M	5.3023G	5.33845G	17.655M	5.311388G	5.329043G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5500MHz

29/06/2020



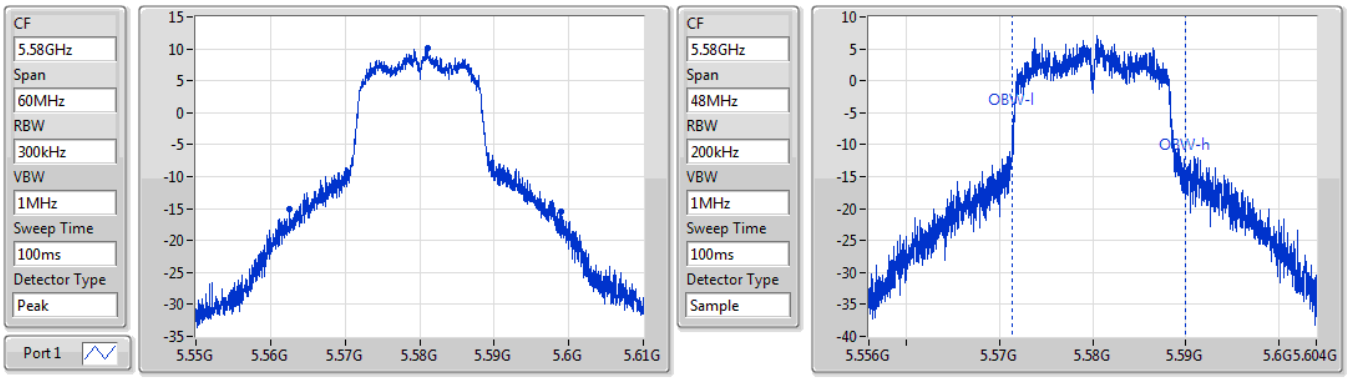
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.2M	5.4904G	5.5096G	16.384M	5.491748G	5.508132G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5580MHz

11/05/2020



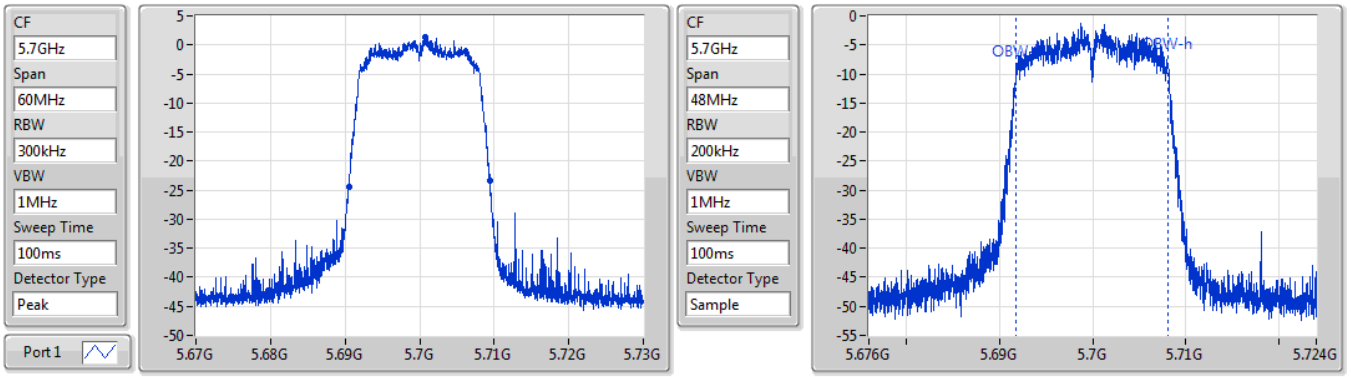
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.36M	5.5626G	5.59896G	18.543M	5.571364G	5.589907G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5700MHz

29/06/2020



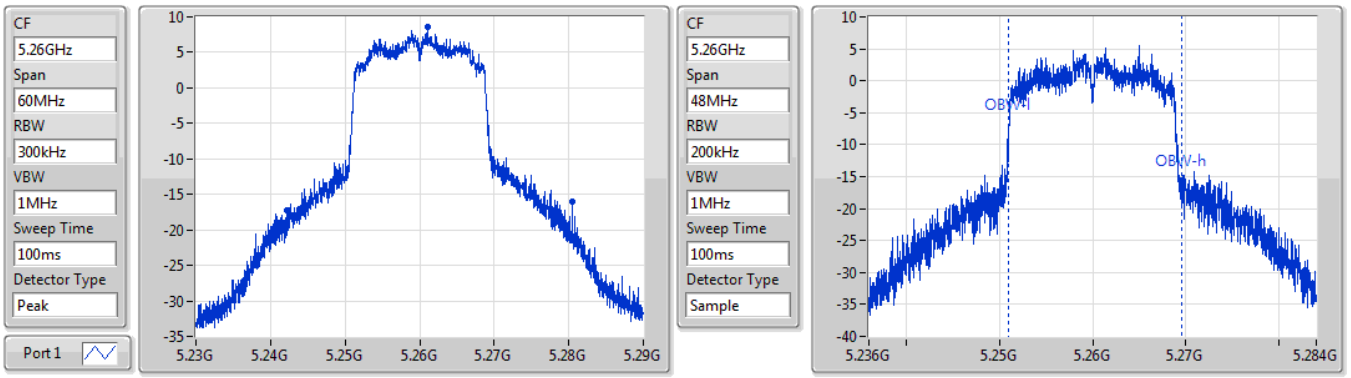
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.93M	5.69049G	5.70942G	16.384M	5.691772G	5.708156G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

5260MHz

11/05/2020



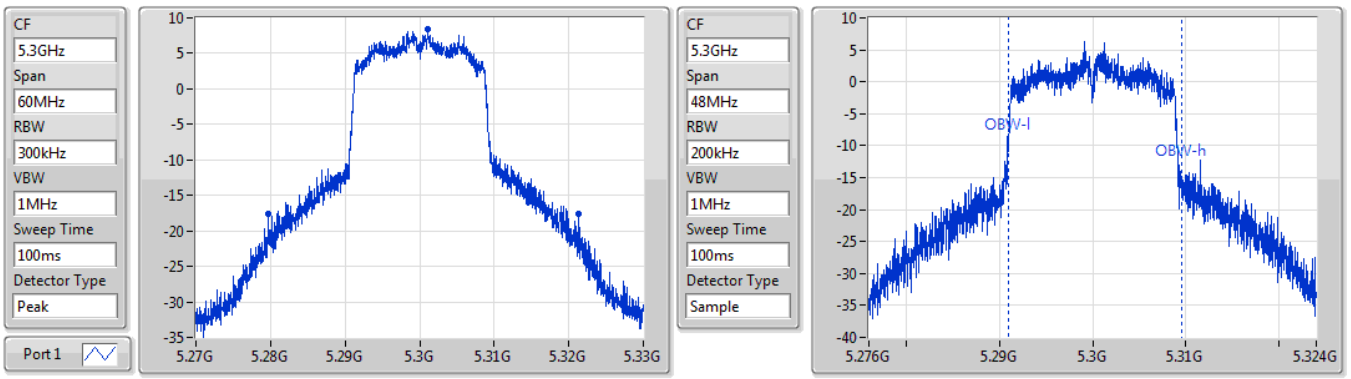
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.31M	5.24221G	5.28052G	18.543M	5.250957G	5.269499G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

5300MHz

11/05/2020



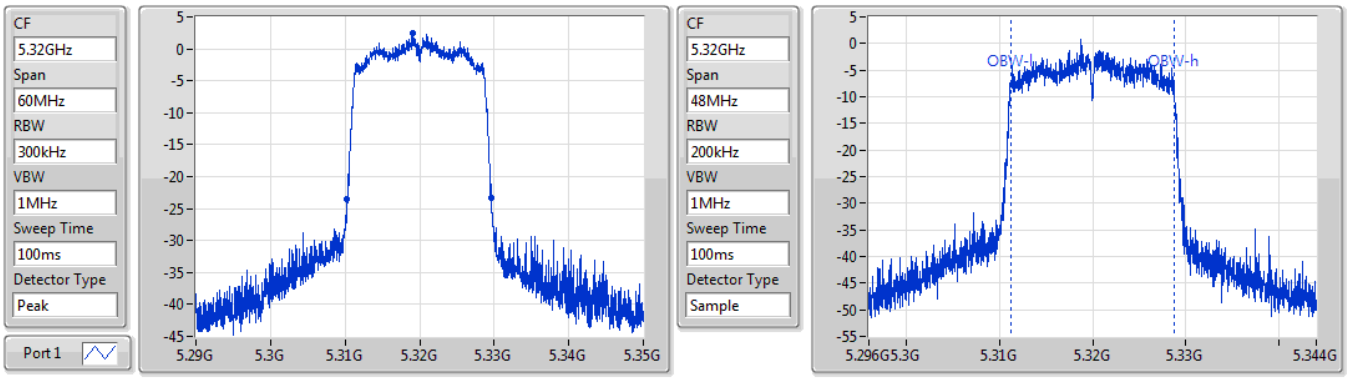
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.58M	5.27975G	5.32133G	18.663M	5.290957G	5.309619G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

5320MHz

29/06/2020



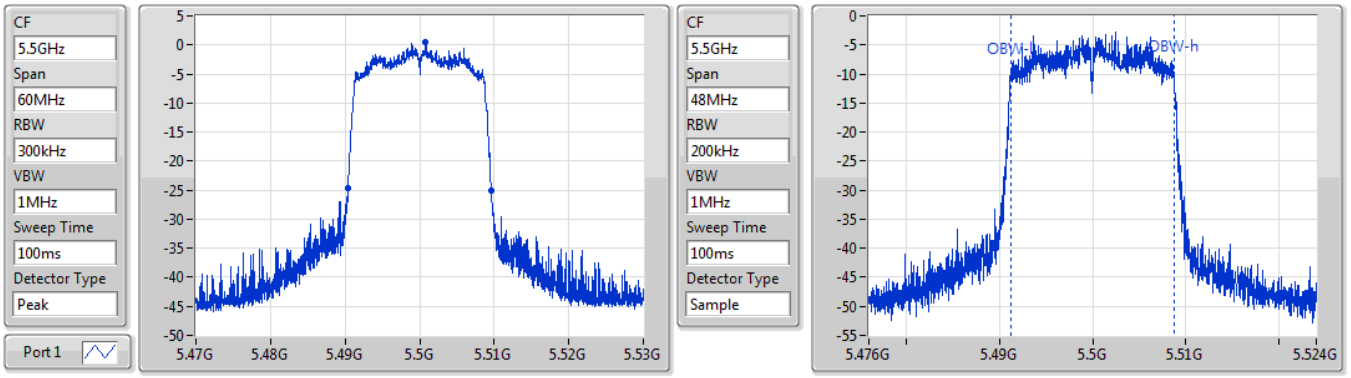
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.44M	5.31019G	5.32963G	17.511M	5.311196G	5.328708G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

5500MHz

29/06/2020



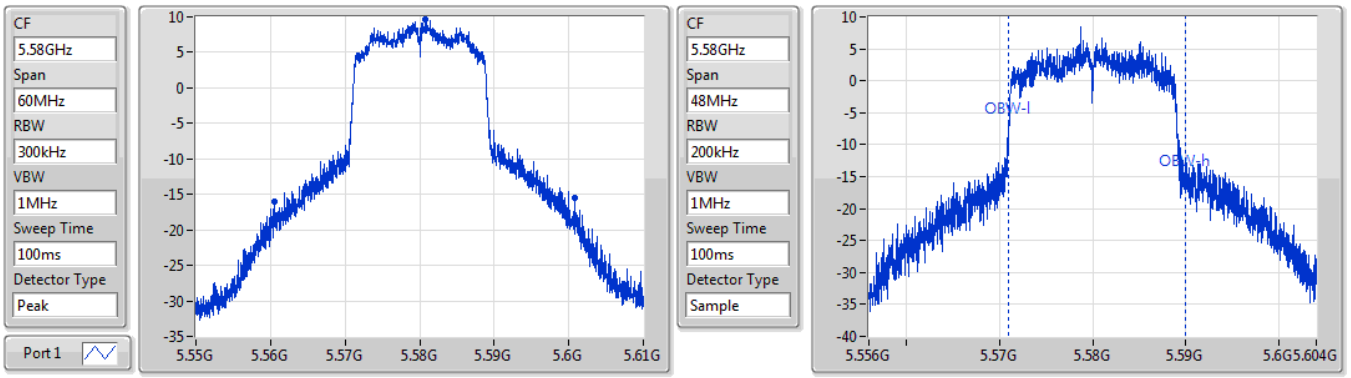
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.23M	5.4904G	5.50963G	17.487M	5.49122G	5.508708G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

5580MHz

11/05/2020



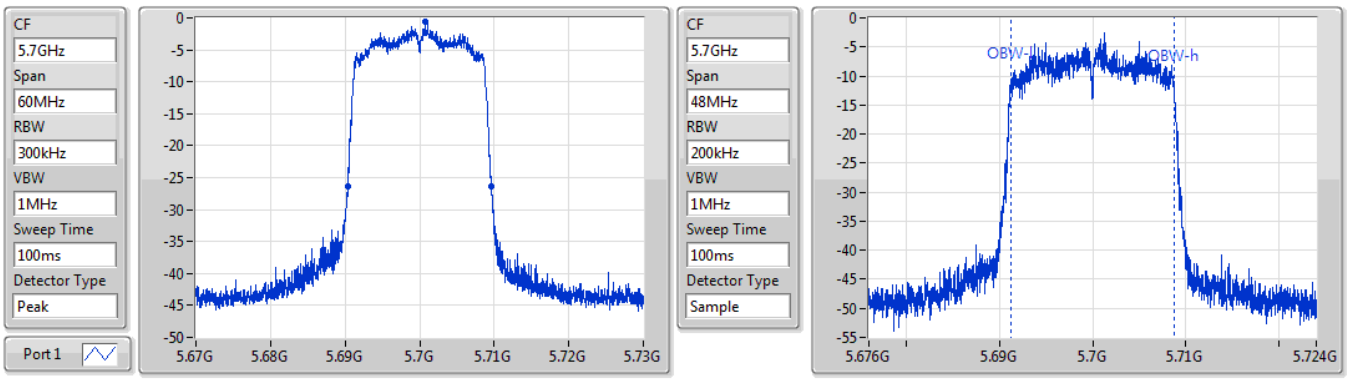
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.56053G	5.60079G	18.951M	5.571028G	5.589979G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

5700MHz

29/06/2020



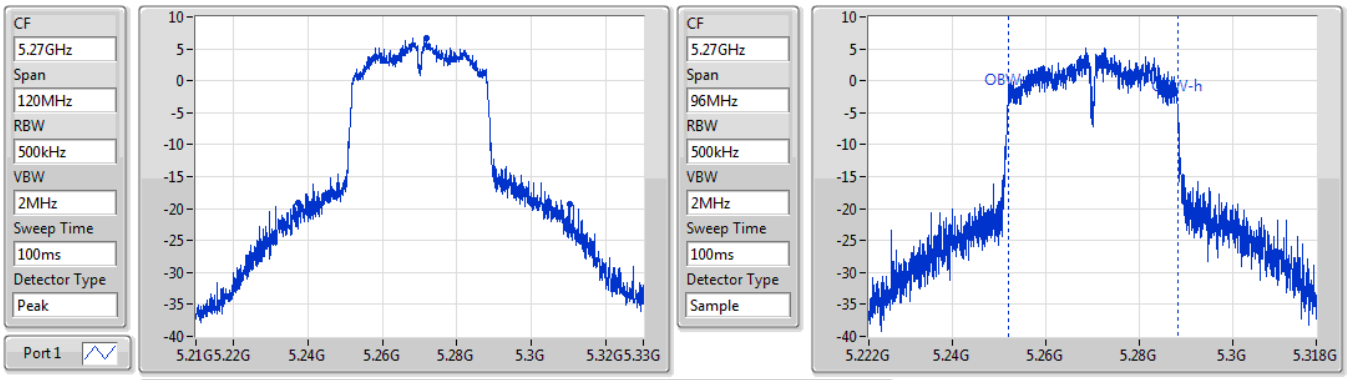
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.29M	5.69034G	5.70963G	17.511M	5.69122G	5.708732G	Inf	1

802.11n HT40_Nss1,(MCS0)_1TX

EBW

5270MHz

11/05/2020



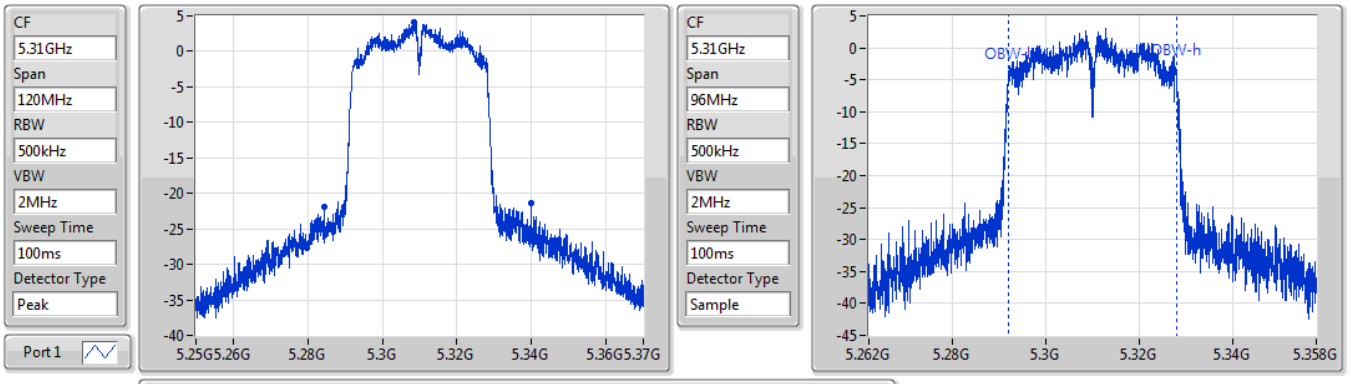
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
72.9M	5.23736G	5.31026G	36.318M	5.251913G	5.288231G	Inf	1

802.11n HT40_Nss1,(MCS0)_1TX

EBW

5310MHz

29/06/2020



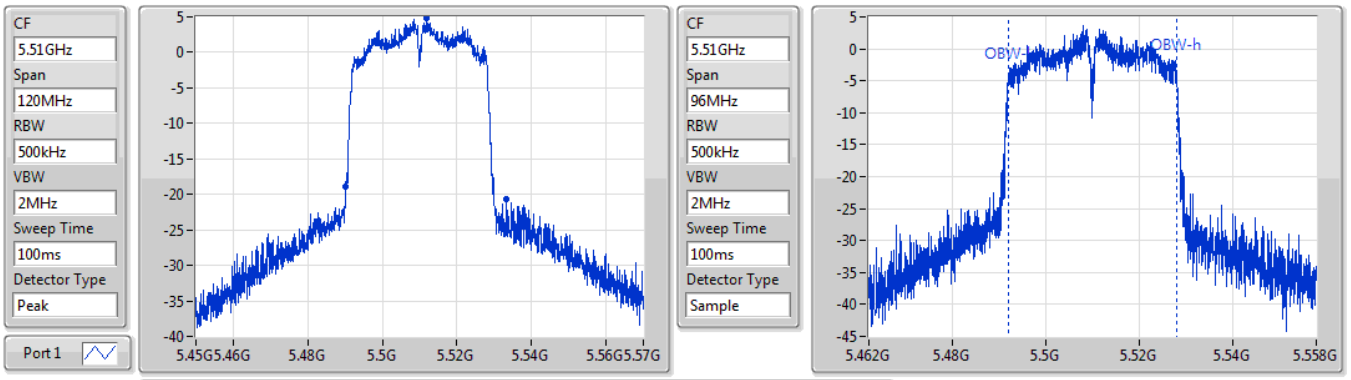
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
55.38M	5.2845G	5.33988G	36.078M	5.291913G	5.327991G	Inf	1

802.11n HT40_Nss1,(MCS0)_1TX

EBW

5510MHz

29/06/2020



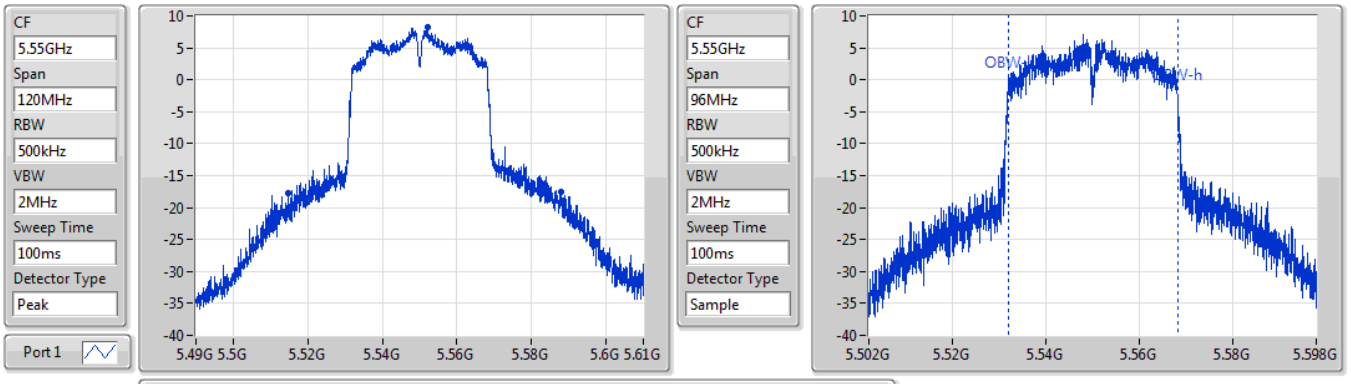
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.02M	5.49014G	5.53316G	36.03M	5.491961G	5.527991G	Inf	1

802.11n HT40_Nss1,(MCS0)_1TX

EBW

5550MHz

11/05/2020

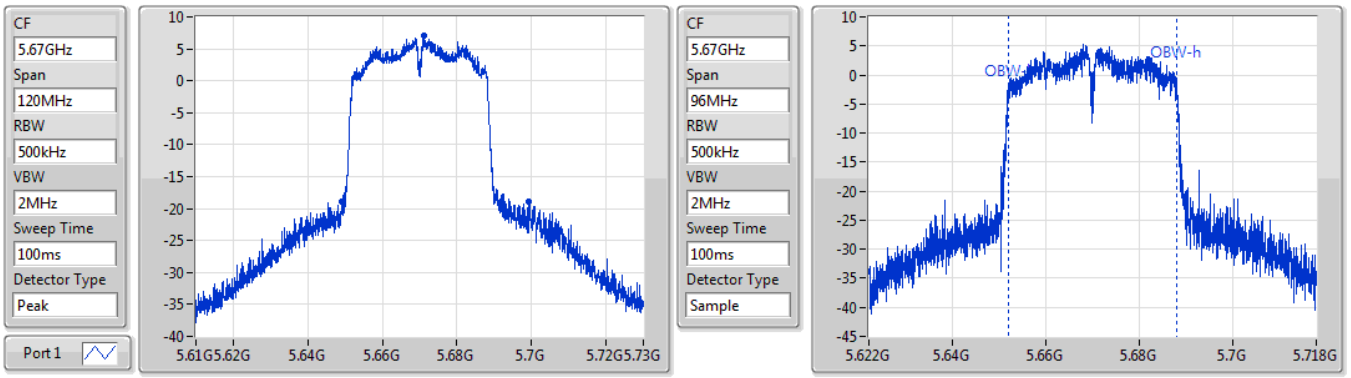


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
73.38M	5.51466G	5.58804G	36.366M	5.531865G	5.568231G	Inf	1

802.11n HT40_Nss1,(MCS0)_1TX **EBW**

5670MHz

29/06/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50.16M	5.64924G	5.6994G	36.03M	5.651961G	5.687991G	Inf	1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.60	0.04571	19.99	0.09977
802.11n HT20_Nss1,(MCS0)_1TX	16.22	0.04188	19.61	0.09141
802.11n HT40_Nss1,(MCS0)_1TX	15.08	0.03221	18.47	0.07031
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	17.68	0.05861	21.07	0.12794
802.11n HT20_Nss1,(MCS0)_1TX	17.65	0.05821	21.04	0.12706
802.11n HT40_Nss1,(MCS0)_1TX	16.56	0.04529	19.95	0.09886

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	3.39	16.37	16.37	23.98	19.76	26.99
5300MHz	Pass	3.39	16.60	16.60	23.98	19.99	26.99
5320MHz	Pass	3.39	16.25	16.25	23.98	19.64	26.99
5500MHz	Pass	3.39	9.51	9.51	23.83	12.90	26.99
5580MHz	Pass	3.39	17.68	17.68	23.98	21.07	26.99
5700MHz	Pass	3.39	8.37	8.37	23.77	11.76	26.99
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	3.39	16.01	16.01	23.98	19.40	26.99
5300MHz	Pass	3.39	16.22	16.22	23.98	19.61	26.99
5320MHz	Pass	3.39	9.28	9.28	23.89	12.67	26.99
5500MHz	Pass	3.39	7.29	7.29	23.84	10.68	26.99
5580MHz	Pass	3.39	17.65	17.65	23.98	21.04	26.99
5700MHz	Pass	3.39	6.04	6.04	23.85	9.43	26.99
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	3.39	15.08	15.08	23.98	18.47	26.99
5310MHz	Pass	3.39	11.73	11.73	23.98	15.12	26.99
5510MHz	Pass	3.39	12.35	12.35	23.98	15.74	26.99
5550MHz	Pass	3.39	16.56	16.56	23.98	19.95	26.99
5670MHz	Pass	3.39	14.50	14.50	23.98	17.89	26.99

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	4.59	7.98
802.11n HT20_Nss1,(MCS0)_1TX	4.04	7.43
802.11n HT40_Nss1,(MCS0)_1TX	0.29	3.68
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	5.63	9.02
802.11n HT20_Nss1,(MCS0)_1TX	5.33	8.72
802.11n HT40_Nss1,(MCS0)_1TX	1.73	5.12

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

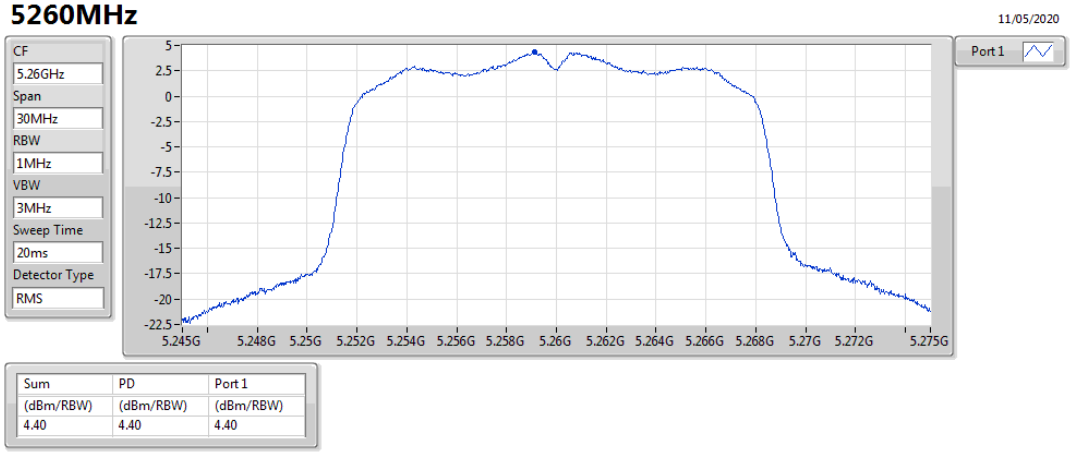
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	3.39	4.40	4.40	11.00	7.79	17.00
5300MHz_TnomVnom	Pass	3.39	4.59	4.59	11.00	7.98	17.00
5320MHz_TnomVnom	Pass	3.39	4.23	4.23	11.00	7.62	17.00
5500MHz_TnomVnom	Pass	3.39	-1.92	-1.92	11.00	1.47	17.00
5580MHz_TnomVnom	Pass	3.39	5.63	5.63	11.00	9.02	17.00
5700MHz_TnomVnom	Pass	3.39	-2.76	-2.76	11.00	0.63	17.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	3.39	3.80	3.80	11.00	7.19	17.00
5300MHz_TnomVnom	Pass	3.39	4.04	4.04	11.00	7.43	17.00
5320MHz_TnomVnom	Pass	3.39	-2.05	-2.05	11.00	1.34	17.00
5500MHz_TnomVnom	Pass	3.39	-4.30	-4.30	11.00	-0.91	17.00
5580MHz_TnomVnom	Pass	3.39	5.33	5.33	11.00	8.72	17.00
5700MHz_TnomVnom	Pass	3.39	-5.08	-5.08	11.00	-1.69	17.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	3.39	0.29	0.29	11.00	3.68	17.00
5310MHz_TnomVnom	Pass	3.39	-2.21	-2.21	11.00	1.18	17.00
5510MHz_TnomVnom	Pass	3.39	-1.80	-1.80	11.00	1.59	17.00
5550MHz_TnomVnom	Pass	3.39	1.73	1.73	11.00	5.12	17.00
5670MHz_TnomVnom	Pass	3.39	0.49	0.49	11.00	3.88	17.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX PSD

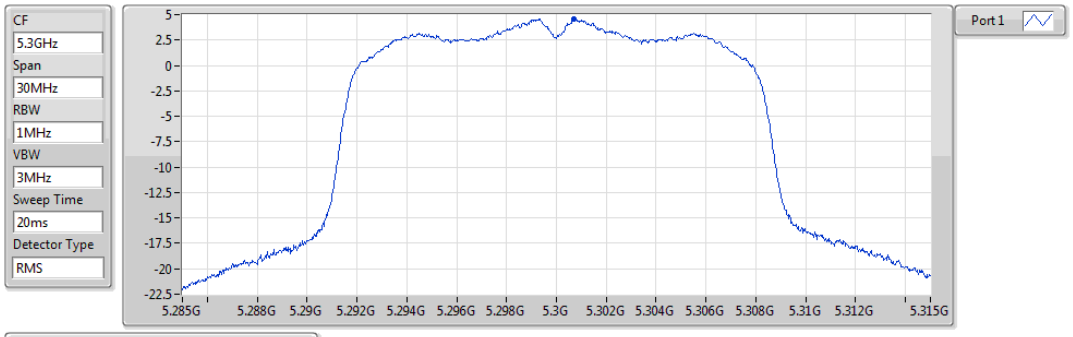
5260MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.40	4.40	4.40

802.11a_Nss1,(6Mbps)_1TX PSD

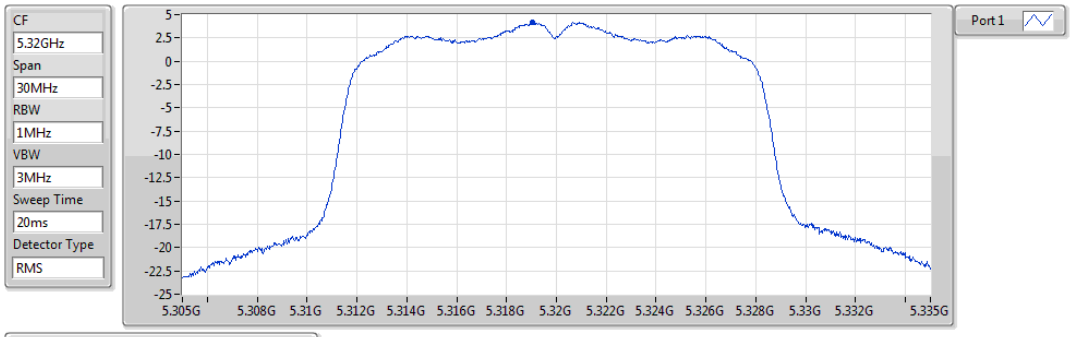
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.59	4.59	4.59

802.11a_Nss1,(6Mbps)_1TX PSD

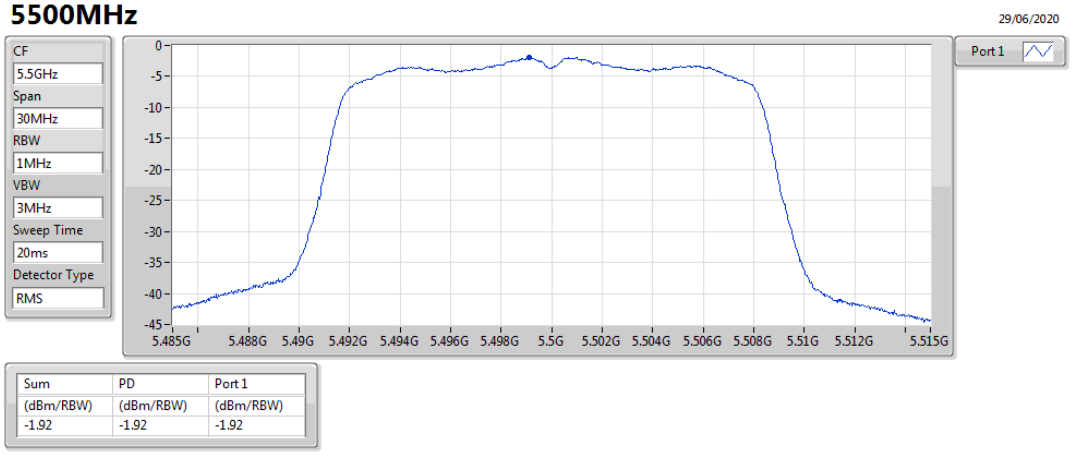
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.23	4.23	4.23

802.11a_Nss1,(6Mbps)_1TX PSD

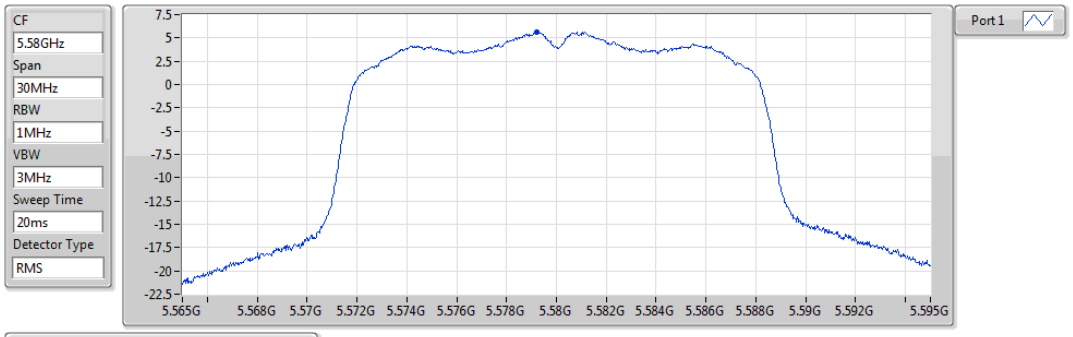
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.92	-1.92	-1.92

802.11a_Nss1,(6Mbps)_1TX PSD

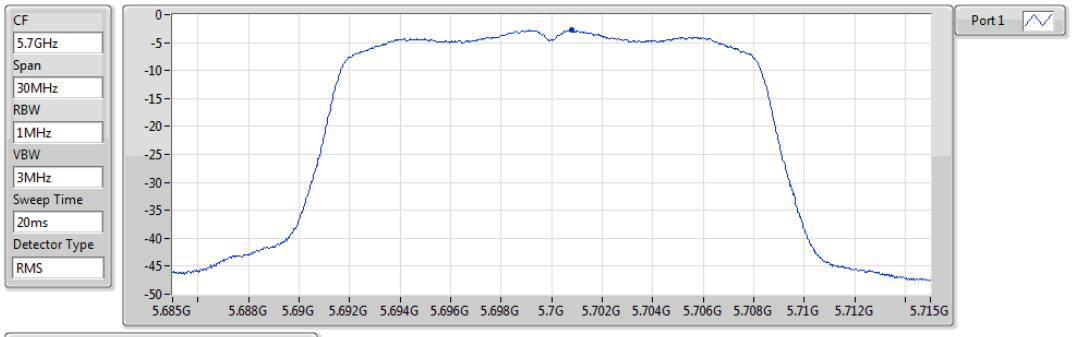
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.63	5.63	5.63

802.11a_Nss1,(6Mbps)_1TX PSD

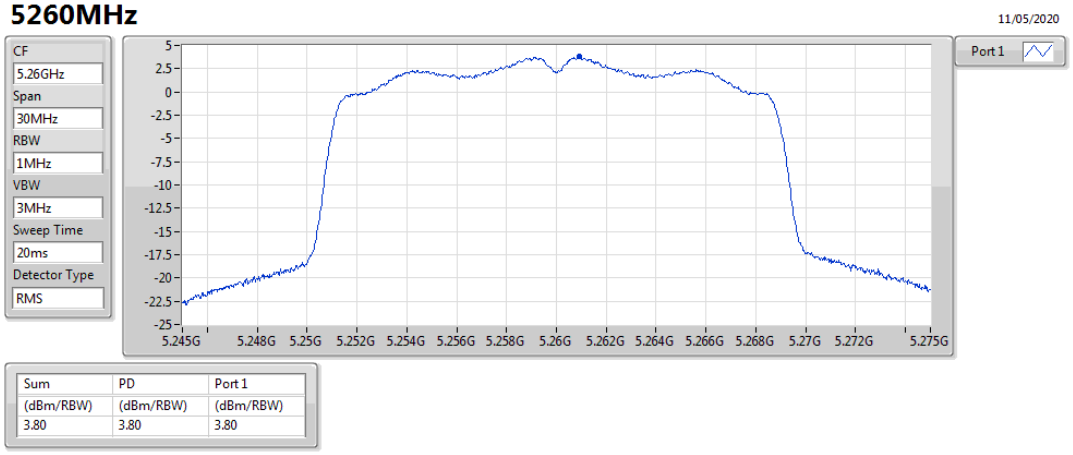
5700MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.76	-2.76	-2.76

802.11n HT20_Nss1,(MCS0)_1TX PSD

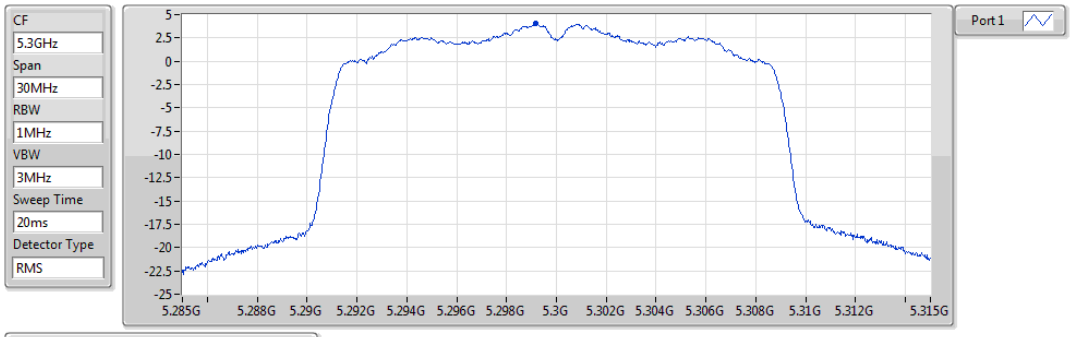
5260MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.80	3.80	3.80

802.11n HT20_Nss1,(MCS0)_1TX PSD

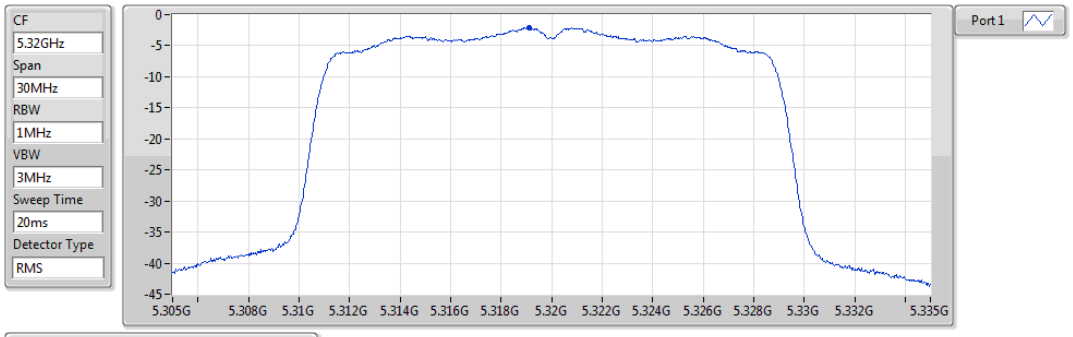
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.04	4.04	4.04

802.11n HT20_Nss1,(MCS0)_1TX PSD

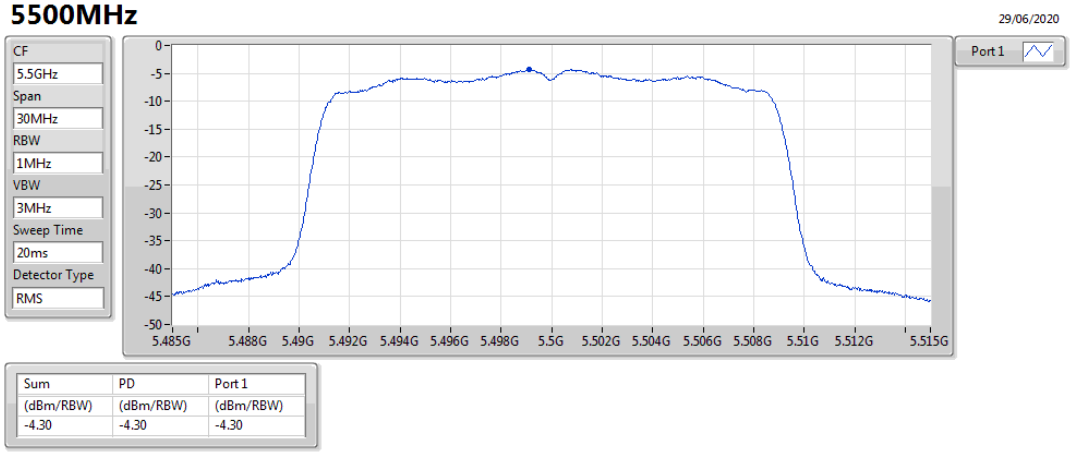
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.05	-2.05	-2.05

802.11n HT20_Nss1,(MCS0)_1TX PSD

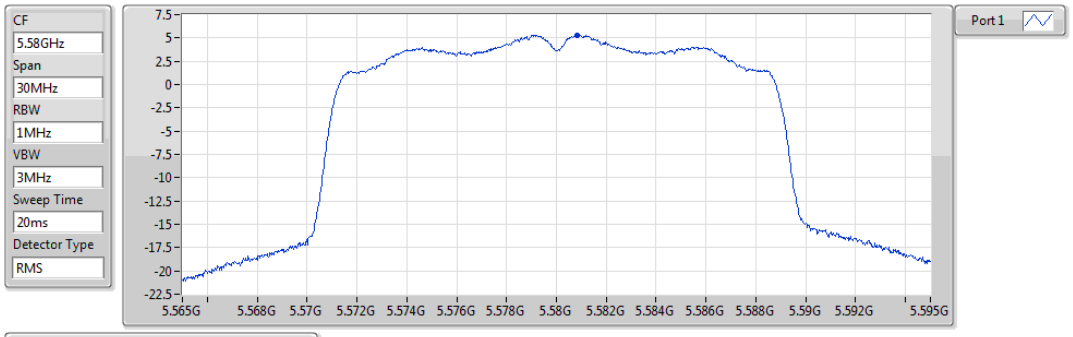
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.30	-4.30	-4.30

802.11n HT20_Nss1,(MCS0)_1TX PSD

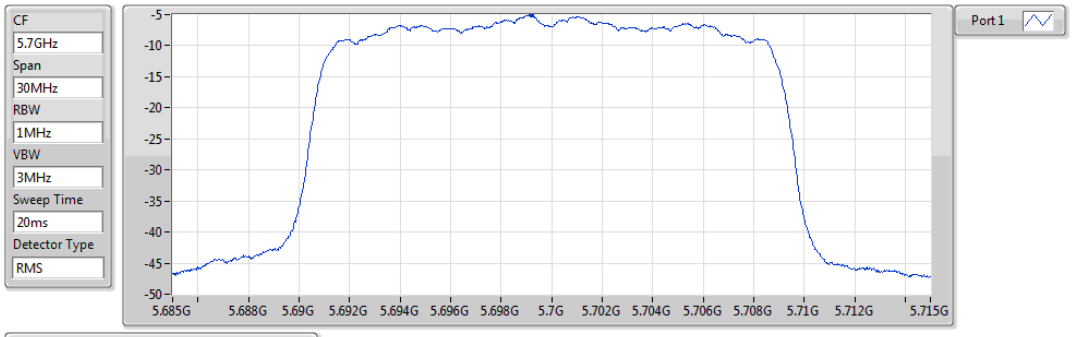
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.33	5.33	5.33

802.11n HT20_Nss1,(MCS0)_1TX PSD

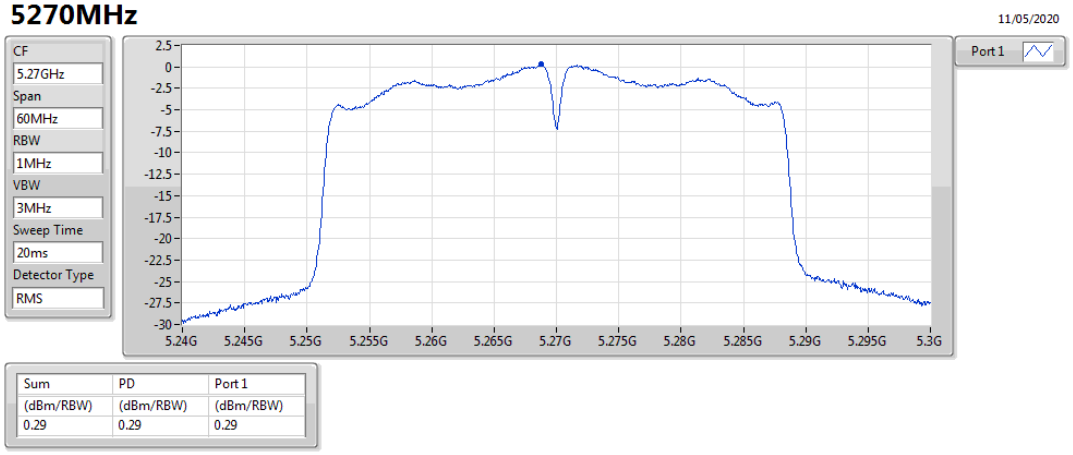
5700MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.08	-5.08	-5.08

802.11n HT40_Nss1,(MCS0)_1TX PSD

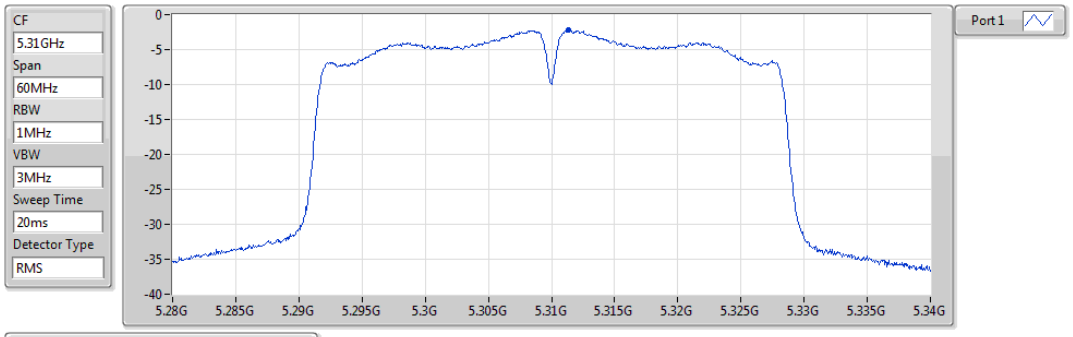
5270MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.29	0.29	0.29

802.11n HT40_Nss1,(MCS0)_1TX PSD

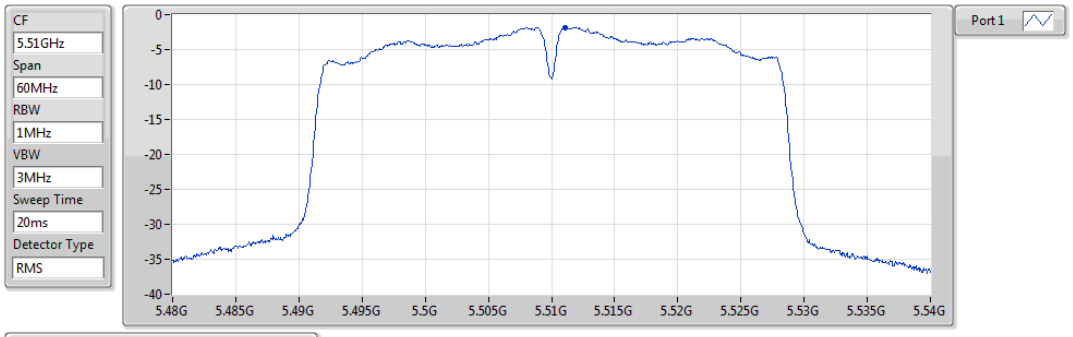
5310MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.21	-2.21	-2.21

802.11n HT40_Nss1,(MCS0)_1TX PSD

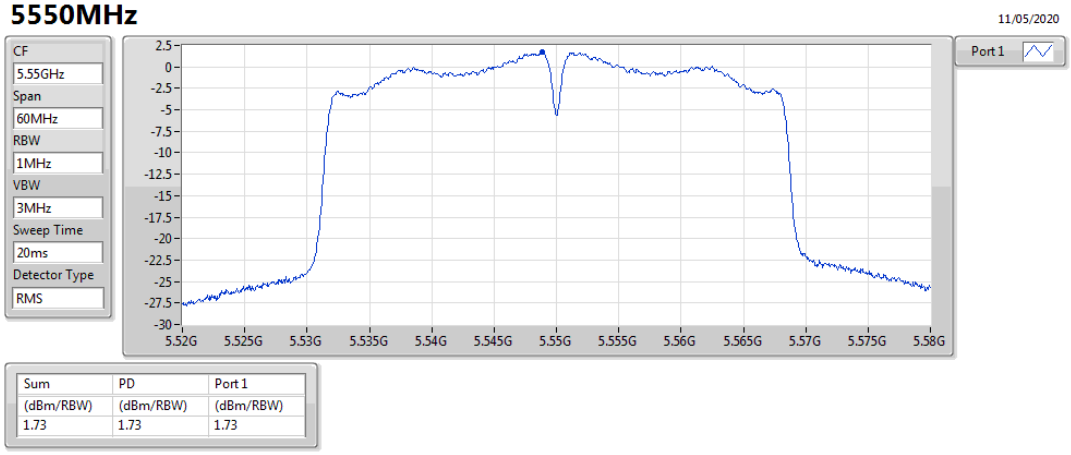
5510MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.80	-1.80	-1.80

802.11n HT40_Nss1,(MCS0)_1TX **PSD**

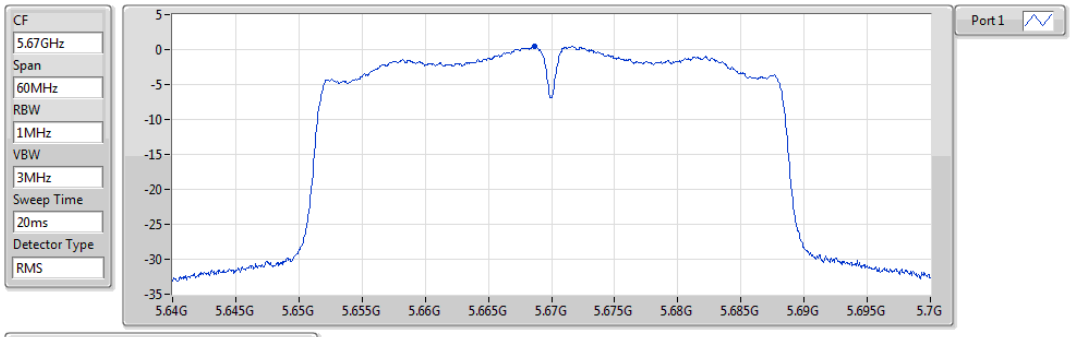
5550MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.73	1.73	1.73

802.11n HT40_Nss1,(MCS0)_1TX **PSD**

5670MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.49	0.49	0.49

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.35G	50.45	54.00	-3.55	3	Vertical	256	1.28	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	5.3502G	50.46	54.00	-3.54	3	Vertical	276	1.09	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	5.3504G	50.72	54.00	-3.28	3	Vertical	263	1.16	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.7264G	65.12	68.20	-3.08	3	Horizontal	297	1.01	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	5.4698G	65.17	68.20	-3.03	3	Vertical	259	1.12	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	PK	17.01418G	65.11	68.20	-3.09	3	Horizontal	58	2.43	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1496G	45.63	54.00	-8.37	3	Vertical	277	1.05	-
5260MHz	Pass	AV	5.2594G	96.88	Inf	-Inf	3	Vertical	277	1.05	-
5260MHz	Pass	AV	5.4028G	45.31	54.00	-8.69	3	Vertical	277	1.05	-
5260MHz	Pass	PK	5.1106G	57.47	74.00	-16.53	3	Vertical	277	1.05	-
5260MHz	Pass	PK	5.2594G	105.14	Inf	-Inf	3	Vertical	277	1.05	-
5260MHz	Pass	PK	5.3752G	56.41	74.00	-17.59	3	Vertical	277	1.05	-
5260MHz	Pass	AV	5.143G	45.56	54.00	-8.44	3	Horizontal	79	1.02	-
5260MHz	Pass	AV	5.2606G	94.78	Inf	-Inf	3	Horizontal	79	1.02	-
5260MHz	Pass	AV	5.401G	45.21	54.00	-8.79	3	Horizontal	79	1.02	-
5260MHz	Pass	PK	5.1256G	56.95	74.00	-17.05	3	Horizontal	79	1.02	-
5260MHz	Pass	PK	5.26G	102.66	Inf	-Inf	3	Horizontal	79	1.02	-
5260MHz	Pass	PK	5.4034G	56.77	74.00	-17.23	3	Horizontal	79	1.02	-
5260MHz	Pass	AV	15.77568G	46.54	54.00	-7.46	3	Vertical	24	1.13	-
5260MHz	Pass	PK	10.52612G	58.30	68.20	-9.90	3	Vertical	326	2.95	-
5260MHz	Pass	PK	15.77694G	58.13	74.00	-15.87	3	Vertical	24	1.13	-
5260MHz	Pass	AV	15.78342G	45.83	54.00	-8.17	3	Horizontal	83	1.20	-
5260MHz	Pass	PK	10.52906G	58.42	68.20	-9.78	3	Horizontal	157	3.00	-
5260MHz	Pass	PK	15.7776G	57.59	74.00	-16.41	3	Horizontal	83	1.20	-
5300MHz	Pass	AV	5.2992G	95.14	Inf	-Inf	3	Vertical	122	1.06	-
5300MHz	Pass	AV	5.3548G	47.00	54.00	-7.00	3	Vertical	122	1.06	-
5300MHz	Pass	PK	5.2976G	104.00	Inf	-Inf	3	Vertical	122	1.06	-
5300MHz	Pass	PK	5.3624G	59.72	74.00	-14.28	3	Vertical	122	1.06	-
5300MHz	Pass	AV	5.2992G	94.92	Inf	-Inf	3	Horizontal	75	1.03	-
5300MHz	Pass	AV	5.3552G	47.09	54.00	-6.91	3	Horizontal	75	1.03	-
5300MHz	Pass	PK	5.302G	103.29	Inf	-Inf	3	Horizontal	75	1.03	-
5300MHz	Pass	PK	5.356G	61.25	74.00	-12.75	3	Horizontal	75	1.03	-
5300MHz	Pass	AV	15.9006G	46.30	54.00	-7.70	3	Vertical	31	1.01	-
5300MHz	Pass	PK	10.59088G	57.58	68.20	-10.62	3	Vertical	194	1.50	-
5300MHz	Pass	PK	15.90216G	58.24	74.00	-15.76	3	Vertical	31	1.01	-
5300MHz	Pass	AV	15.90006G	45.47	54.00	-8.53	3	Horizontal	284	1.20	-
5300MHz	Pass	PK	10.59983G	58.28	68.20	-9.92	3	Horizontal	53	1.03	-
5300MHz	Pass	PK	15.8955G	57.66	74.00	-16.34	3	Horizontal	284	1.20	-
5320MHz	Pass	AV	5.3206G	95.77	Inf	-Inf	3	Vertical	256	1.28	-
5320MHz	Pass	AV	5.35G	50.45	54.00	-3.55	3	Vertical	256	1.28	-
5320MHz	Pass	PK	5.32G	106.06	Inf	-Inf	3	Vertical	256	1.28	-
5320MHz	Pass	PK	5.3504G	66.63	74.00	-7.37	3	Vertical	256	1.28	-
5320MHz	Pass	AV	5.321G	94.88	Inf	-Inf	3	Horizontal	299	1.11	-
5320MHz	Pass	AV	5.35G	50.21	54.00	-3.79	3	Horizontal	299	1.11	-
5320MHz	Pass	PK	5.3212G	104.32	Inf	-Inf	3	Horizontal	299	1.11	-
5320MHz	Pass	PK	5.3504G	66.30	74.00	-7.70	3	Horizontal	299	1.11	-
5320MHz	Pass	AV	10.63826G	46.25	54.00	-7.75	3	Vertical	238	1.09	-
5320MHz	Pass	AV	15.96018G	46.13	54.00	-7.87	3	Vertical	21	1.14	-
5320MHz	Pass	PK	10.64702G	58.40	74.00	-15.60	3	Vertical	238	1.09	-
5320MHz	Pass	PK	15.94788G	57.73	74.00	-16.27	3	Vertical	21	1.14	-
5320MHz	Pass	AV	10.63874G	46.01	54.00	-7.99	3	Horizontal	208	2.24	-
5320MHz	Pass	AV	15.9612G	46.25	54.00	-7.75	3	Horizontal	25	1.07	-
5320MHz	Pass	PK	10.63634G	58.15	74.00	-15.85	3	Horizontal	208	2.24	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	PK	15.95184G	58.33	74.00	-15.67	3	Horizontal	25	1.07	-
5500MHz	Pass	AV	5.46G	48.71	54.00	-5.29	3	Vertical	267	1.19	-
5500MHz	Pass	AV	5.5006G	96.10	Inf	-Inf	3	Vertical	267	1.19	-
5500MHz	Pass	PK	5.4642G	63.15	68.20	-5.05	3	Vertical	267	1.19	-
5500MHz	Pass	PK	5.4996G	105.69	Inf	-Inf	3	Vertical	267	1.19	-
5500MHz	Pass	AV	5.46G	48.80	54.00	-5.20	3	Horizontal	293	1.08	-
5500MHz	Pass	AV	5.4992G	97.80	Inf	-Inf	3	Horizontal	293	1.08	-
5500MHz	Pass	PK	5.4668G	64.81	68.20	-3.39	3	Horizontal	293	1.08	-
5500MHz	Pass	PK	5.5036G	105.37	Inf	-Inf	3	Horizontal	293	1.08	-
5500MHz	Pass	AV	10.99754G	45.51	54.00	-8.49	3	Vertical	275	1.50	-
5500MHz	Pass	PK	11.00054G	57.73	74.00	-16.27	3	Vertical	275	1.50	-
5500MHz	Pass	PK	16.50036G	59.38	68.20	-8.82	3	Vertical	360	2.90	-
5500MHz	Pass	AV	11.00054G	47.07	54.00	-6.93	3	Horizontal	240	1.08	-
5500MHz	Pass	PK	11.00138G	58.62	74.00	-15.38	3	Horizontal	240	1.08	-
5500MHz	Pass	PK	16.50522G	60.19	68.20	-8.01	3	Horizontal	149	1.01	-
5580MHz	Pass	AV	5.43G	45.24	54.00	-8.76	3	Vertical	128	2.27	-
5580MHz	Pass	AV	5.5806G	97.21	Inf	-Inf	3	Vertical	128	2.27	-
5580MHz	Pass	PK	5.4672G	56.29	68.20	-11.91	3	Vertical	128	2.27	-
5580MHz	Pass	PK	5.5812G	105.75	Inf	-Inf	3	Vertical	128	2.27	-
5580MHz	Pass	PK	5.7282G	58.26	68.20	-9.94	3	Vertical	128	2.27	-
5580MHz	Pass	AV	5.4318G	45.20	54.00	-8.80	3	Horizontal	95	1.13	-
5580MHz	Pass	AV	5.5788G	101.54	Inf	-Inf	3	Horizontal	95	1.13	-
5580MHz	Pass	PK	5.4666G	56.34	68.20	-11.86	3	Horizontal	95	1.13	-
5580MHz	Pass	PK	5.58G	110.49	Inf	-Inf	3	Horizontal	95	1.13	-
5580MHz	Pass	PK	5.7264G	56.98	68.20	-11.22	3	Horizontal	95	1.13	-
5580MHz	Pass	AV	11.15844G	48.30	54.00	-5.70	3	Vertical	41	1.00	-
5580MHz	Pass	PK	11.15994G	60.04	74.00	-13.96	3	Vertical	41	1.00	-
5580MHz	Pass	PK	16.73562G	60.78	68.20	-7.42	3	Vertical	3	1.66	-
5580MHz	Pass	AV	11.15922G	46.98	54.00	-7.02	3	Horizontal	37	1.04	-
5580MHz	Pass	PK	11.15886G	59.02	74.00	-14.98	3	Horizontal	37	1.04	-
5580MHz	Pass	PK	16.7496G	60.31	68.20	-7.89	3	Horizontal	0	1.48	-
5700MHz	Pass	AV	5.7012G	92.41	Inf	-Inf	3	Vertical	272	1.13	-
5700MHz	Pass	PK	5.7012G	100.95	Inf	-Inf	3	Vertical	272	1.13	-
5700MHz	Pass	PK	5.7264G	62.42	68.20	-5.78	3	Vertical	272	1.13	-
5700MHz	Pass	AV	5.7008G	94.92	Inf	-Inf	3	Horizontal	297	1.01	-
5700MHz	Pass	PK	5.7016G	102.87	Inf	-Inf	3	Horizontal	297	1.01	-
5700MHz	Pass	PK	5.7264G	65.12	68.20	-3.08	3	Horizontal	297	1.01	-
5700MHz	Pass	AV	11.40888G	45.56	54.00	-8.44	3	Vertical	328	2.94	-
5700MHz	Pass	PK	11.39832G	57.55	74.00	-16.45	3	Vertical	328	2.94	-
5700MHz	Pass	PK	17.10258G	60.73	68.20	-7.47	3	Vertical	32	1.50	-
5700MHz	Pass	AV	11.4072G	45.43	54.00	-8.57	3	Horizontal	147	1.50	-
5700MHz	Pass	PK	11.40246G	57.51	74.00	-16.49	3	Horizontal	147	1.50	-
5700MHz	Pass	PK	17.1147G	61.11	68.20	-7.09	3	Horizontal	205	1.50	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.143G	46.30	54.00	-7.70	3	Vertical	278	1.07	-
5260MHz	Pass	AV	5.2606G	99.06	Inf	-Inf	3	Vertical	278	1.07	-
5260MHz	Pass	AV	5.35G	45.97	54.00	-8.03	3	Vertical	278	1.07	-
5260MHz	Pass	PK	5.1424G	57.46	74.00	-16.54	3	Vertical	278	1.07	-
5260MHz	Pass	PK	5.2582G	107.89	Inf	-Inf	3	Vertical	278	1.07	-

Remark :
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	PK	5.353G	58.03	74.00	-15.97	3	Vertical	278	1.07	-
5260MHz	Pass	AV	5.1478G	46.24	54.00	-7.76	3	Horizontal	70	1.19	-
5260MHz	Pass	AV	5.2606G	96.92	Inf	-Inf	3	Horizontal	70	1.19	-
5260MHz	Pass	AV	5.35G	45.60	54.00	-8.40	3	Horizontal	70	1.19	-
5260MHz	Pass	PK	5.143G	57.55	74.00	-16.45	3	Horizontal	70	1.19	-
5260MHz	Pass	PK	5.2594G	105.27	Inf	-Inf	3	Horizontal	70	1.19	-
5260MHz	Pass	PK	5.3686G	57.62	74.00	-16.38	3	Horizontal	70	1.19	-
5260MHz	Pass	AV	15.77436G	45.50	54.00	-8.50	3	Vertical	239	2.37	-
5260MHz	Pass	PK	10.52318G	56.80	68.20	-11.40	3	Vertical	346	1.50	-
5260MHz	Pass	PK	15.774G	57.66	74.00	-16.34	3	Vertical	239	2.37	-
5260MHz	Pass	AV	15.77916G	45.36	54.00	-8.64	3	Horizontal	104	1.55	-
5260MHz	Pass	PK	10.51406G	57.44	68.20	-10.76	3	Horizontal	200	2.08	-
5260MHz	Pass	PK	15.79458G	57.63	74.00	-16.37	3	Horizontal	104	1.55	-
5300MHz	Pass	AV	5.2992G	96.83	Inf	-Inf	3	Vertical	276	1.23	-
5300MHz	Pass	AV	5.352G	48.12	54.00	-5.88	3	Vertical	276	1.23	-
5300MHz	Pass	PK	5.2992G	105.26	Inf	-Inf	3	Vertical	276	1.23	-
5300MHz	Pass	PK	5.3528G	60.78	74.00	-13.22	3	Vertical	276	1.23	-
5300MHz	Pass	AV	5.2992G	95.94	Inf	-Inf	3	Horizontal	103	1.01	-
5300MHz	Pass	AV	5.354G	47.84	54.00	-6.16	3	Horizontal	103	1.01	-
5300MHz	Pass	PK	5.2984G	104.78	Inf	-Inf	3	Horizontal	103	1.01	-
5300MHz	Pass	PK	5.35G	61.15	74.00	-12.85	3	Horizontal	103	1.01	-
5300MHz	Pass	AV	15.88554G	44.95	54.00	-9.05	3	Vertical	276	2.42	-
5300MHz	Pass	PK	10.61302G	57.12	74.00	-16.88	3	Vertical	289	2.22	-
5300MHz	Pass	PK	15.89682G	57.60	74.00	-16.40	3	Vertical	276	2.42	-
5300MHz	Pass	AV	15.91188G	44.94	54.00	-9.06	3	Horizontal	131	1.96	-
5300MHz	Pass	PK	10.606G	57.10	74.00	-16.90	3	Horizontal	334	2.42	-
5300MHz	Pass	PK	15.89298G	56.65	74.00	-17.35	3	Horizontal	131	1.96	-
5320MHz	Pass	AV	5.3192G	96.28	Inf	-Inf	3	Vertical	276	1.09	-
5320MHz	Pass	AV	5.3502G	50.46	54.00	-3.54	3	Vertical	276	1.09	-
5320MHz	Pass	PK	5.3186G	104.97	Inf	-Inf	3	Vertical	276	1.09	-
5320MHz	Pass	PK	5.3518G	66.15	74.00	-7.85	3	Vertical	276	1.09	-
5320MHz	Pass	AV	5.319G	95.35	Inf	-Inf	3	Horizontal	292	1.12	-
5320MHz	Pass	AV	5.3506G	49.74	54.00	-4.26	3	Horizontal	292	1.12	-
5320MHz	Pass	PK	5.319G	104.75	Inf	-Inf	3	Horizontal	292	1.12	-
5320MHz	Pass	PK	5.3508G	67.77	74.00	-6.23	3	Horizontal	292	1.12	-
5320MHz	Pass	AV	10.62884G	44.99	54.00	-9.01	3	Vertical	64	2.08	-
5320MHz	Pass	AV	15.96216G	45.21	54.00	-8.79	3	Vertical	114	1.95	-
5320MHz	Pass	PK	10.64888G	56.86	74.00	-17.14	3	Vertical	64	2.08	-
5320MHz	Pass	PK	15.95916G	57.01	74.00	-16.99	3	Vertical	114	1.95	-
5320MHz	Pass	AV	10.63466G	44.94	54.00	-9.06	3	Horizontal	260	1.12	-
5320MHz	Pass	AV	15.9684G	45.13	54.00	-8.87	3	Horizontal	208	1.88	-
5320MHz	Pass	PK	10.63502G	57.85	74.00	-16.15	3	Horizontal	260	1.12	-
5320MHz	Pass	PK	15.97188G	57.34	74.00	-16.66	3	Horizontal	208	1.88	-
5500MHz	Pass	AV	5.46G	47.36	54.00	-6.64	3	Vertical	259	1.12	-
5500MHz	Pass	AV	5.4992G	93.81	Inf	-Inf	3	Vertical	259	1.12	-
5500MHz	Pass	PK	5.4698G	65.17	68.20	-3.03	3	Vertical	259	1.12	-
5500MHz	Pass	PK	5.4984G	102.77	Inf	-Inf	3	Vertical	259	1.12	-
5500MHz	Pass	AV	5.4594G	46.33	54.00	-7.67	3	Horizontal	293	1.37	-
5500MHz	Pass	AV	5.499G	92.92	Inf	-Inf	3	Horizontal	293	1.37	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5500MHz	Pass	PK	5.4694G	63.83	68.20	-4.37	3	Horizontal	293	1.37	-
5500MHz	Pass	PK	5.4976G	101.83	Inf	-Inf	3	Horizontal	293	1.37	-
5500MHz	Pass	AV	10.99382G	45.54	54.00	-8.46	3	Vertical	98	1.01	-
5500MHz	Pass	PK	11.00396G	57.14	74.00	-16.86	3	Vertical	98	1.01	-
5500MHz	Pass	PK	16.5081G	59.30	68.20	-8.90	3	Vertical	85	2.37	-
5500MHz	Pass	AV	11.01248G	45.48	54.00	-8.52	3	Horizontal	293	1.32	-
5500MHz	Pass	PK	10.99838G	57.79	74.00	-16.21	3	Horizontal	293	1.32	-
5500MHz	Pass	PK	16.49508G	59.84	68.20	-8.36	3	Horizontal	30	2.27	-
5580MHz	Pass	AV	5.4594G	45.69	54.00	-8.31	3	Vertical	136	1.22	-
5580MHz	Pass	AV	5.5794G	98.06	Inf	-Inf	3	Vertical	136	1.22	-
5580MHz	Pass	PK	5.469G	56.62	68.20	-11.58	3	Vertical	136	1.22	-
5580MHz	Pass	PK	5.5812G	106.54	Inf	-Inf	3	Vertical	136	1.22	-
5580MHz	Pass	PK	5.7294G	56.50	68.20	-11.70	3	Vertical	136	1.22	-
5580MHz	Pass	AV	5.4438G	45.62	54.00	-8.38	3	Horizontal	77	1.04	-
5580MHz	Pass	AV	5.5806G	101.27	Inf	-Inf	3	Horizontal	77	1.04	-
5580MHz	Pass	PK	5.463G	58.16	68.20	-10.04	3	Horizontal	77	1.04	-
5580MHz	Pass	PK	5.5806G	109.09	Inf	-Inf	3	Horizontal	77	1.04	-
5580MHz	Pass	PK	5.7294G	56.00	68.20	-12.20	3	Horizontal	77	1.04	-
5580MHz	Pass	AV	11.15004G	45.49	54.00	-8.51	3	Vertical	113	1.51	-
5580MHz	Pass	PK	11.14698G	57.72	74.00	-16.28	3	Vertical	113	1.51	-
5580MHz	Pass	PK	16.74288G	59.86	68.20	-8.34	3	Vertical	274	2.05	-
5580MHz	Pass	AV	11.14956G	45.61	54.00	-8.39	3	Horizontal	289	1.36	-
5580MHz	Pass	PK	11.17212G	57.49	74.00	-16.51	3	Horizontal	289	1.36	-
5580MHz	Pass	PK	16.74912G	60.50	68.20	-7.70	3	Horizontal	186	1.84	-
5700MHz	Pass	AV	5.7012G	88.06	Inf	-Inf	3	Vertical	270	1.15	-
5700MHz	Pass	PK	5.6992G	96.18	Inf	-Inf	3	Vertical	270	1.15	-
5700MHz	Pass	PK	5.7864G	58.00	68.20	-10.20	3	Vertical	270	1.15	-
5700MHz	Pass	AV	5.7004G	92.17	Inf	-Inf	3	Horizontal	79	1.07	-
5700MHz	Pass	PK	5.7004G	100.70	Inf	-Inf	3	Horizontal	79	1.07	-
5700MHz	Pass	PK	5.7272G	64.97	68.20	-3.23	3	Horizontal	79	1.07	-
5700MHz	Pass	AV	11.39706G	45.59	54.00	-8.41	3	Vertical	111	2.41	-
5700MHz	Pass	PK	11.40462G	57.54	74.00	-16.46	3	Vertical	111	2.41	-
5700MHz	Pass	PK	17.10042G	60.97	68.20	-7.23	3	Vertical	221	1.24	-
5700MHz	Pass	AV	11.40156G	45.59	54.00	-8.41	3	Horizontal	58	1.88	-
5700MHz	Pass	PK	11.38848G	57.74	74.00	-16.26	3	Horizontal	58	1.88	-
5700MHz	Pass	PK	17.10804G	60.92	68.20	-7.28	3	Horizontal	52	1.22	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.2684G	92.84	Inf	-Inf	3	Vertical	291	1.00	-
5270MHz	Pass	AV	5.3532G	44.16	54.00	-9.84	3	Vertical	291	1.00	-
5270MHz	Pass	PK	5.2712G	101.96	Inf	-Inf	3	Vertical	291	1.00	-
5270MHz	Pass	PK	5.36G	59.41	74.00	-14.59	3	Vertical	291	1.00	-
5270MHz	Pass	AV	5.2684G	89.38	Inf	-Inf	3	Horizontal	296	1.50	-
5270MHz	Pass	AV	5.3508G	43.72	54.00	-10.28	3	Horizontal	296	1.50	-
5270MHz	Pass	PK	5.2684G	98.63	Inf	-Inf	3	Horizontal	296	1.50	-
5270MHz	Pass	PK	5.358G	56.87	74.00	-17.13	3	Horizontal	296	1.50	-
5270MHz	Pass	AV	15.80028G	48.55	54.00	-5.45	3	Vertical	224	2.01	-
5270MHz	Pass	PK	10.54304G	56.00	68.20	-12.20	3	Vertical	360	1.73	-
5270MHz	Pass	PK	15.8086G	61.43	74.00	-12.57	3	Vertical	224	2.01	-
5270MHz	Pass	AV	15.80508G	48.73	54.00	-5.27	3	Horizontal	129	2.40	-

Remark :
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5270MHz	Pass	PK	10.54452G	57.00	68.20	-11.20	3	Horizontal	117	1.73	-
5270MHz	Pass	PK	15.80048G	61.09	74.00	-12.91	3	Horizontal	129	2.40	-
5310MHz	Pass	AV	5.3116G	91.13	Inf	-Inf	3	Vertical	263	1.16	-
5310MHz	Pass	AV	5.3504G	50.72	54.00	-3.28	3	Vertical	263	1.16	-
5310MHz	Pass	PK	5.308G	99.76	Inf	-Inf	3	Vertical	263	1.16	-
5310MHz	Pass	PK	5.3504G	66.72	74.00	-7.28	3	Vertical	263	1.16	-
5310MHz	Pass	AV	5.3088G	90.43	Inf	-Inf	3	Horizontal	295	1.12	-
5310MHz	Pass	AV	5.3524G	49.79	54.00	-4.21	3	Horizontal	295	1.12	-
5310MHz	Pass	PK	5.3112G	98.49	Inf	-Inf	3	Horizontal	295	1.12	-
5310MHz	Pass	PK	5.3504G	65.82	74.00	-8.18	3	Horizontal	295	1.12	-
5310MHz	Pass	AV	10.62044G	44.03	54.00	-9.97	3	Vertical	44	1.73	-
5310MHz	Pass	AV	15.9285G	49.48	54.00	-4.52	3	Vertical	240	1.57	-
5310MHz	Pass	PK	10.61884G	56.33	74.00	-17.67	3	Vertical	44	1.73	-
5310MHz	Pass	PK	15.9258G	61.74	74.00	-12.26	3	Vertical	240	1.57	-
5310MHz	Pass	AV	10.62486G	43.94	54.00	-10.06	3	Horizontal	337	1.10	-
5310MHz	Pass	AV	15.92952G	49.21	54.00	-4.79	3	Horizontal	43	1.65	-
5310MHz	Pass	PK	10.62066G	56.67	74.00	-17.33	3	Horizontal	337	1.10	-
5310MHz	Pass	PK	15.9288G	62.20	74.00	-11.80	3	Horizontal	43	1.65	-
5510MHz	Pass	AV	5.4592G	46.96	54.00	-7.04	3	Vertical	259	1.14	-
5510MHz	Pass	AV	5.5112G	91.81	Inf	-Inf	3	Vertical	259	1.14	-
5510MHz	Pass	PK	5.4664G	64.89	68.20	-3.31	3	Vertical	259	1.14	-
5510MHz	Pass	PK	5.5076G	100.70	Inf	-Inf	3	Vertical	259	1.14	-
5510MHz	Pass	AV	5.4592G	46.33	54.00	-7.67	3	Horizontal	292	1.14	-
5510MHz	Pass	AV	5.5112G	90.82	Inf	-Inf	3	Horizontal	292	1.14	-
5510MHz	Pass	PK	5.4696G	64.25	68.20	-3.95	3	Horizontal	292	1.14	-
5510MHz	Pass	PK	5.5072G	100.19	Inf	-Inf	3	Horizontal	292	1.14	-
5510MHz	Pass	AV	11.0227G	44.80	54.00	-9.20	3	Vertical	296	2.42	-
5510MHz	Pass	PK	11.02244G	56.84	74.00	-17.16	3	Vertical	296	2.42	-
5510MHz	Pass	PK	16.53292G	64.70	68.20	-3.50	3	Vertical	50	2.01	-
5510MHz	Pass	AV	11.01756G	44.64	54.00	-9.36	3	Horizontal	333	2.26	-
5510MHz	Pass	PK	11.02442G	57.13	74.00	-16.87	3	Horizontal	333	2.26	-
5510MHz	Pass	PK	16.52784G	64.21	68.20	-3.99	3	Horizontal	200	1.76	-
5550MHz	Pass	AV	5.4564G	44.71	54.00	-9.29	3	Vertical	277	0.99	-
5550MHz	Pass	AV	5.5488G	94.12	Inf	-Inf	3	Vertical	277	0.99	-
5550MHz	Pass	PK	5.4676G	58.23	68.20	-9.97	3	Vertical	277	0.99	-
5550MHz	Pass	PK	5.5512G	104.02	Inf	-Inf	3	Vertical	277	0.99	-
5550MHz	Pass	AV	5.4576G	44.48	54.00	-9.52	3	Horizontal	103	1.02	-
5550MHz	Pass	AV	5.5488G	96.44	Inf	-Inf	3	Horizontal	103	1.02	-
5550MHz	Pass	PK	5.466G	58.22	68.20	-9.98	3	Horizontal	103	1.02	-
5550MHz	Pass	PK	5.548G	105.89	Inf	-Inf	3	Horizontal	103	1.02	-
5550MHz	Pass	AV	11.0951G	43.81	54.00	-10.19	3	Vertical	211	1.29	-
5550MHz	Pass	PK	11.1038G	56.53	74.00	-17.47	3	Vertical	211	1.29	-
5550MHz	Pass	PK	16.65004G	64.37	68.20	-3.83	3	Vertical	261	1.46	-
5550MHz	Pass	AV	11.09416G	44.24	54.00	-9.76	3	Horizontal	82	2.19	-
5550MHz	Pass	PK	11.099G	57.07	74.00	-16.93	3	Horizontal	82	2.19	-
5550MHz	Pass	PK	16.64684G	64.14	68.20	-4.06	3	Horizontal	47	2.20	-
5670MHz	Pass	AV	5.6682G	89.92	Inf	-Inf	3	Vertical	134	2.70	-
5670MHz	Pass	PK	5.6664G	98.28	Inf	-Inf	3	Vertical	134	2.70	-
5670MHz	Pass	PK	5.7264G	59.43	68.20	-8.77	3	Vertical	134	2.70	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

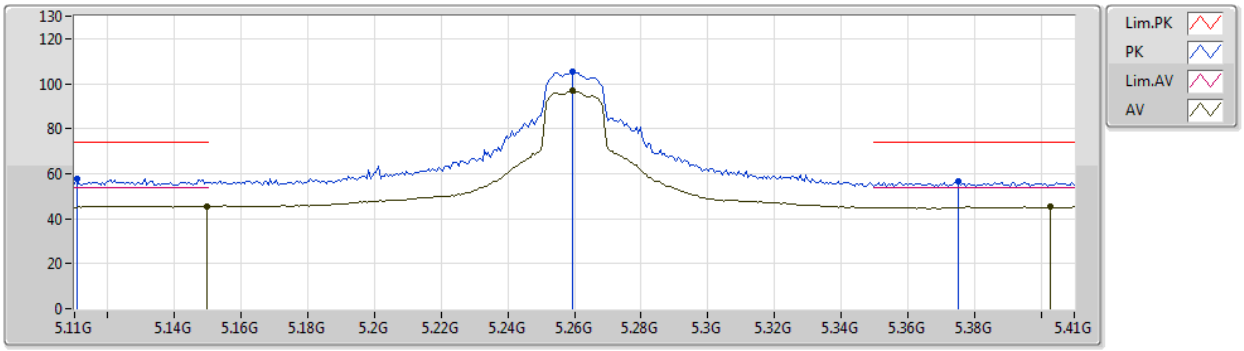
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5670MHz	Pass	AV	5.6682G	96.16	Inf	-Inf	3	Horizontal	79	1.10	-
5670MHz	Pass	PK	5.6718G	103.64	Inf	-Inf	3	Horizontal	79	1.10	-
5670MHz	Pass	PK	5.7252G	65.01	68.20	-3.19	3	Horizontal	79	1.10	-
5670MHz	Pass	AV	11.34189G	42.12	54.00	-11.88	3	Vertical	298	1.65	-
5670MHz	Pass	PK	11.34085G	55.35	74.00	-18.65	3	Vertical	298	1.65	-
5670MHz	Pass	PK	17.01087G	64.96	68.20	-3.24	3	Vertical	40	2.40	-
5670MHz	Pass	AV	11.34254G	42.56	54.00	-11.44	3	Horizontal	120	1.55	-
5670MHz	Pass	PK	11.34171G	55.68	74.00	-18.32	3	Horizontal	120	1.55	-
5670MHz	Pass	PK	17.01418G	65.11	68.20	-3.09	3	Horizontal	58	2.43	-

Remark :
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

07/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1496G	45.63	54.00	-8.37	10.02	3	Vertical	277	1.05	-	35.61	32.00	7.35	29.33
AV	5.2594G	96.88	Inf	-Inf	9.43	3	Vertical	277	1.05	-	87.45	31.38	7.40	29.35
AV	5.4028G	45.31	54.00	-8.69	9.55	3	Vertical	277	1.05	-	35.76	31.51	7.40	29.36
PK	5.1106G	57.47	74.00	-16.53	9.90	3	Vertical	277	1.05	-	47.57	31.92	7.31	29.33
PK	5.2594G	105.14	Inf	-Inf	9.43	3	Vertical	277	1.05	-	95.71	31.38	7.40	29.35
PK	5.3752G	56.41	74.00	-17.59	9.34	3	Vertical	277	1.05	-	47.07	31.30	7.40	29.36

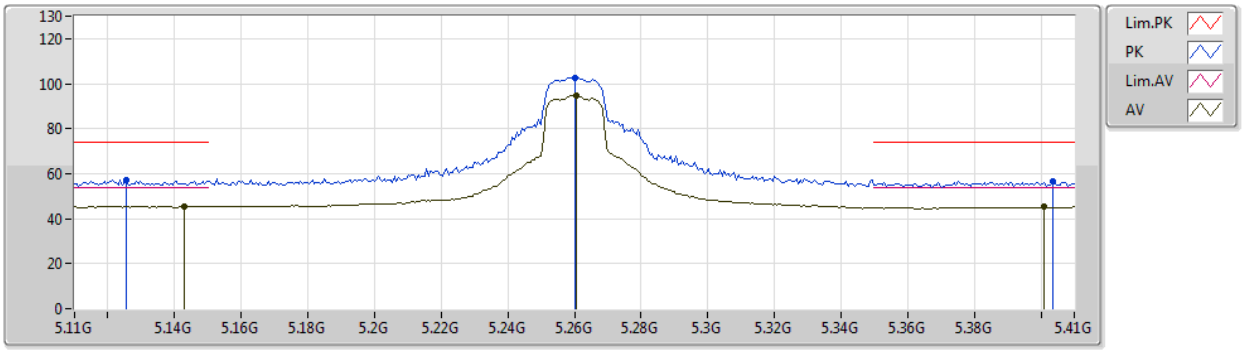
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

07/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.143G	45.56	54.00	-8.44	10.00	3	Horizontal	79	1.02	-	35.56	31.99	7.34	29.33
AV	5.2606G	94.78	Inf	-Inf	9.43	3	Horizontal	79	1.02	-	85.35	31.38	7.40	29.35
AV	5.401G	45.21	54.00	-8.79	9.54	3	Horizontal	79	1.02	-	35.67	31.50	7.40	29.36
PK	5.1256G	56.95	74.00	-17.05	9.95	3	Horizontal	79	1.02	-	47.00	31.95	7.33	29.33
PK	5.26G	102.66	Inf	-Inf	9.43	3	Horizontal	79	1.02	-	93.23	31.38	7.40	29.35
PK	5.4034G	56.77	74.00	-17.23	9.55	3	Horizontal	79	1.02	-	47.22	31.51	7.40	29.36

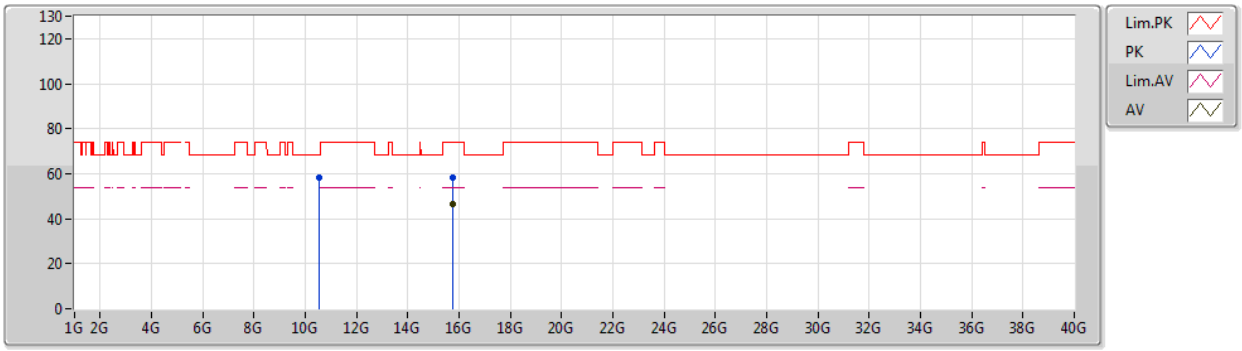
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

07/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.77568G	46.54	54.00	-7.46	17.56	3	Vertical	24	1.13	-	28.98	37.55	11.92	31.91
PK	10.52612G	58.30	68.20	-9.90	18.89	3	Vertical	326	2.95	-	39.41	39.73	9.76	30.60
PK	15.77694G	58.13	74.00	-15.87	17.56	3	Vertical	24	1.13	-	40.57	37.55	11.92	31.91

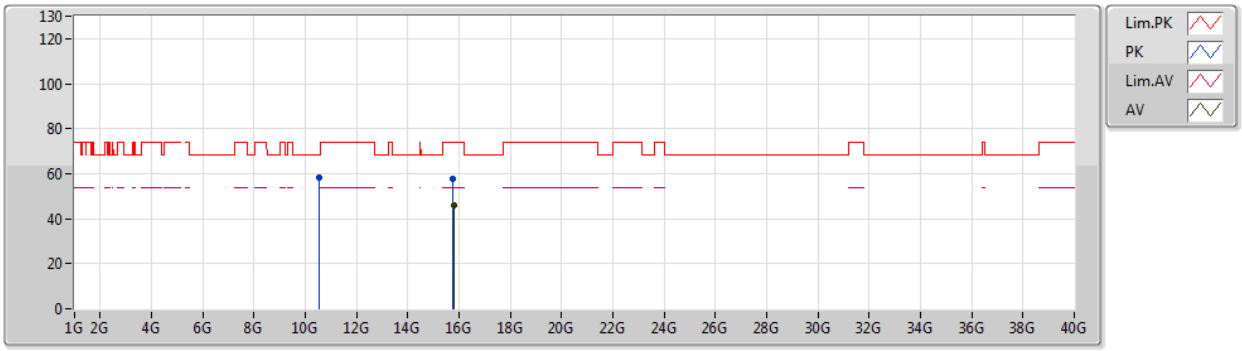
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

07/05/2020

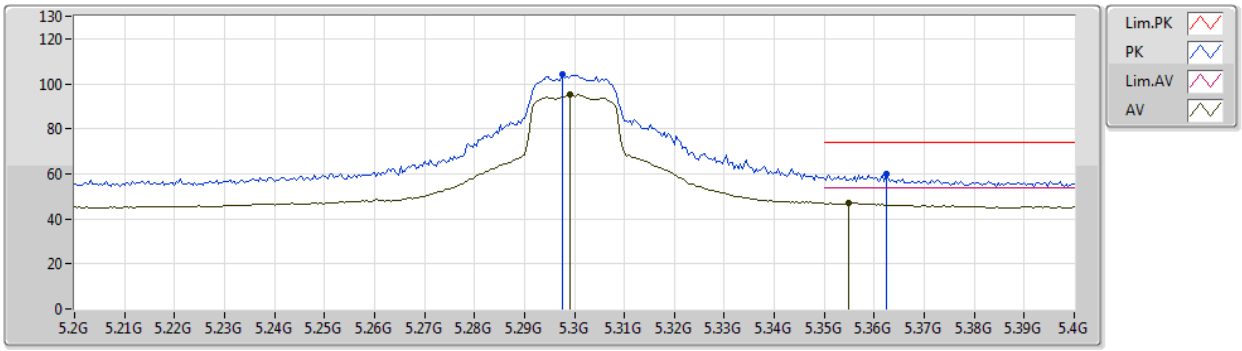


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.78342G	45.83	54.00	-8.17	17.54	3	Horizontal	83	1.20	-	28.29	37.53	11.92	31.91
PK	10.52906G	58.42	68.20	-9.78	18.89	3	Horizontal	157	3.00	-	39.53	39.73	9.76	30.60
PK	15.7776G	57.59	74.00	-16.41	17.55	3	Horizontal	83	1.20	-	40.04	37.54	11.92	31.91

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

07/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2992G	95.14	Inf	-Inf	9.35	3	Vertical	122	1.06	-	85.79	31.30	7.40	29.35
AV	5.3548G	47.00	54.00	-7.00	9.18	3	Vertical	122	1.06	-	37.82	31.14	7.40	29.36
PK	5.2976G	104.00	Inf	-Inf	9.35	3	Vertical	122	1.06	-	94.65	31.30	7.40	29.35
PK	5.3624G	59.72	74.00	-14.28	9.24	3	Vertical	122	1.06	-	50.48	31.20	7.40	29.36

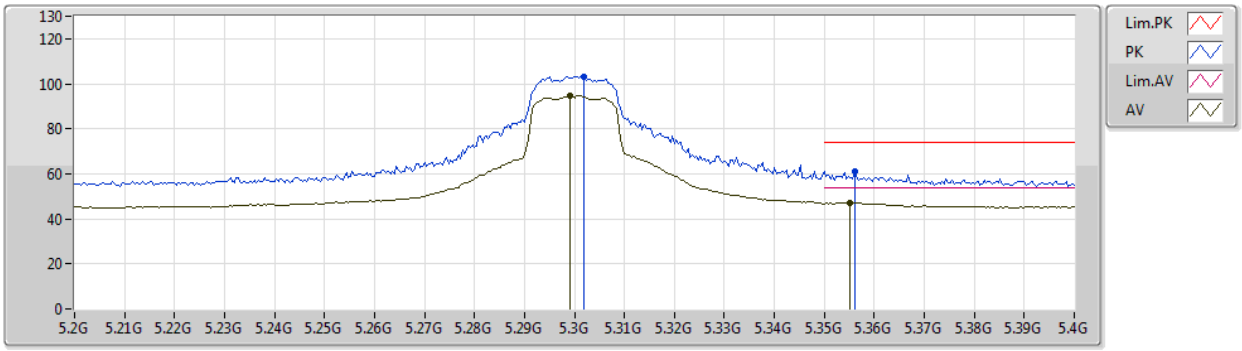
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

07/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2992G	94.92	Inf	-Inf	9.35	3	Horizontal	75	1.03	-	85.57	31.30	7.40	29.35
AV	5.3552G	47.09	54.00	-6.91	9.18	3	Horizontal	75	1.03	-	37.91	31.14	7.40	29.36
PK	5.302G	103.29	Inf	-Inf	9.34	3	Horizontal	75	1.03	-	93.95	31.29	7.40	29.35
PK	5.356G	61.25	74.00	-12.75	9.19	3	Horizontal	75	1.03	-	52.06	31.15	7.40	29.36

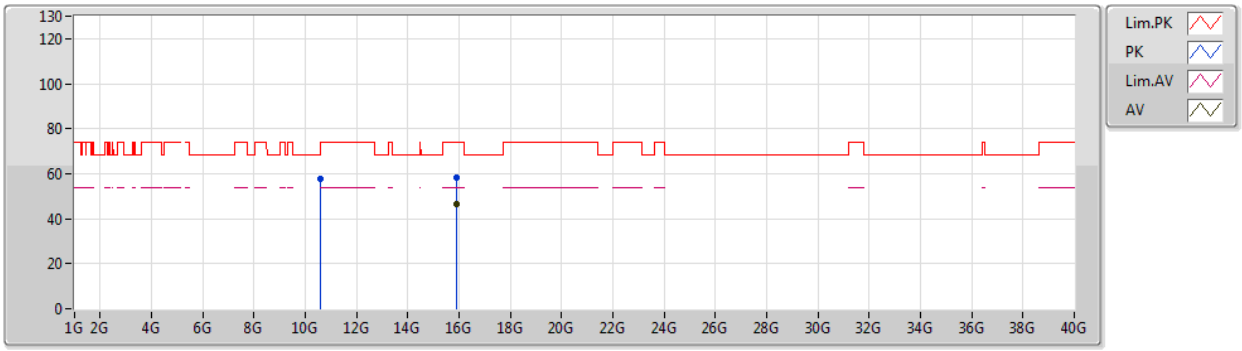
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

07/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.9006G	46.30	54.00	-7.70	17.23	3	Vertical	31	1.01	-	29.07	37.20	11.97	31.94
PK	10.59088G	57.58	68.20	-10.62	18.95	3	Vertical	194	1.50	-	38.63	39.79	9.80	30.64
PK	15.90216G	58.24	74.00	-15.76	17.23	3	Vertical	31	1.01	-	41.01	37.20	11.97	31.94

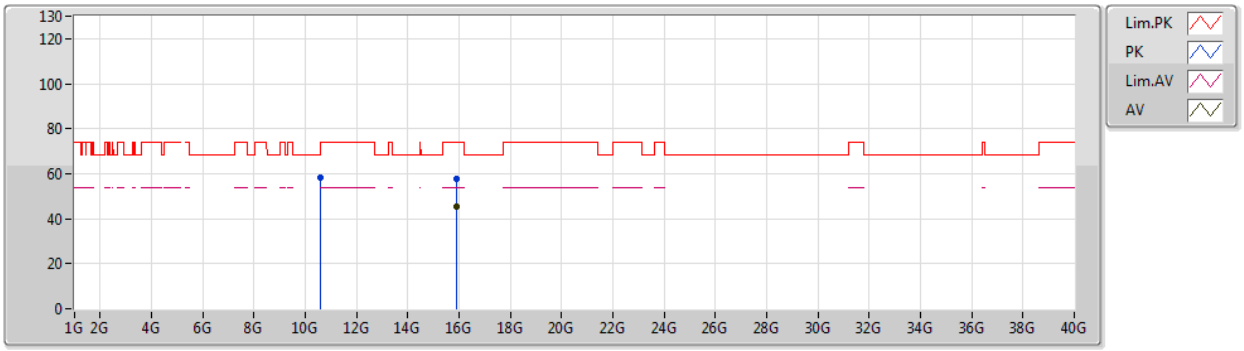
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

07/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.90006G	45.47	54.00	-8.53	17.23	3	Horizontal	284	1.20	-	28.24	37.20	11.97	31.94
PK	10.59983G	58.28	68.20	-9.92	18.95	3	Horizontal	53	1.03	-	39.33	39.80	9.80	30.65
PK	15.8955G	57.66	74.00	-16.34	17.23	3	Horizontal	284	1.20	-	40.43	37.21	11.96	31.94

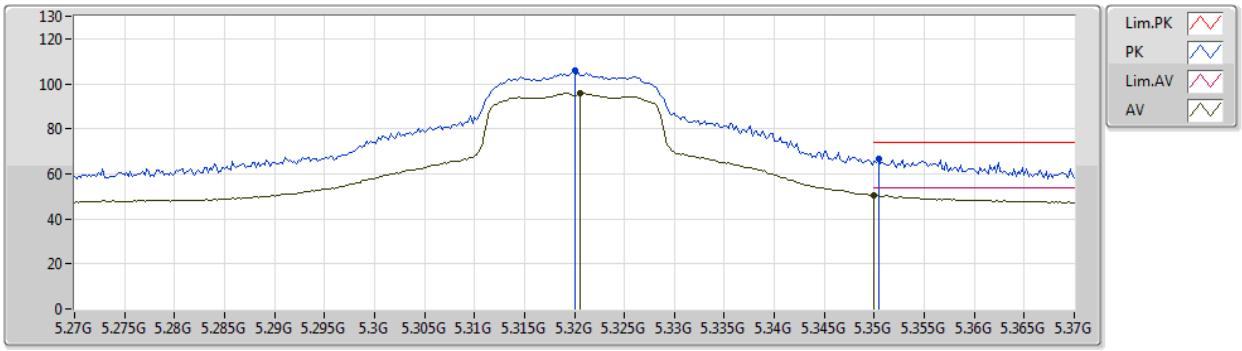
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX

07/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3206G	95.77	Inf	-Inf	9.27	3	Vertical	256	1.28	-	86.50	31.22	7.40	29.35
AV	5.35G	50.45	54.00	-3.55	9.14	3	Vertical	256	1.28	-	41.31	31.10	7.40	29.36
PK	5.32G	106.06	Inf	-Inf	9.27	3	Vertical	256	1.28	-	96.79	31.22	7.40	29.35
PK	5.3504G	66.63	74.00	-7.37	9.14	3	Vertical	256	1.28	-	57.49	31.10	7.40	29.36

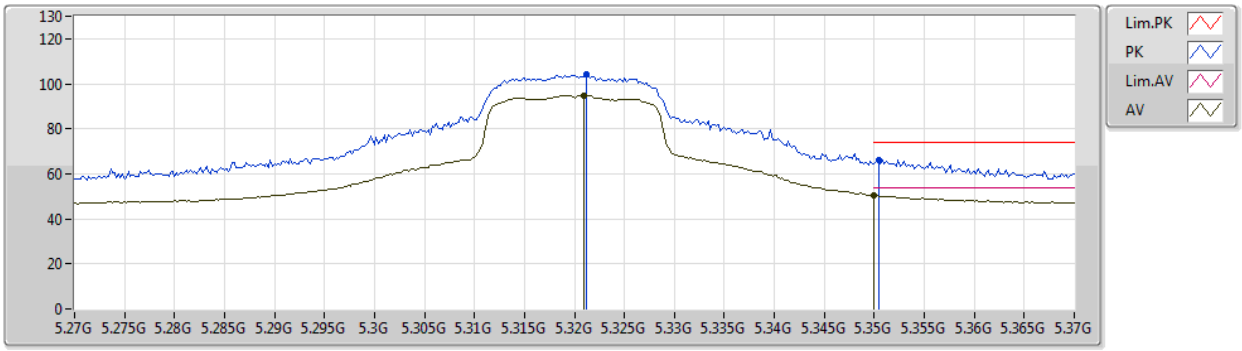
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX

07/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.321G	94.88	Inf	-Inf	9.27	3	Horizontal	299	1.11	-	85.61	31.22	7.40	29.35
AV	5.35G	50.21	54.00	-3.79	9.14	3	Horizontal	299	1.11	-	41.07	31.10	7.40	29.36
PK	5.3212G	104.32	Inf	-Inf	9.27	3	Horizontal	299	1.11	-	95.05	31.22	7.40	29.35
PK	5.3504G	66.30	74.00	-7.70	9.14	3	Horizontal	299	1.11	-	57.16	31.10	7.40	29.36

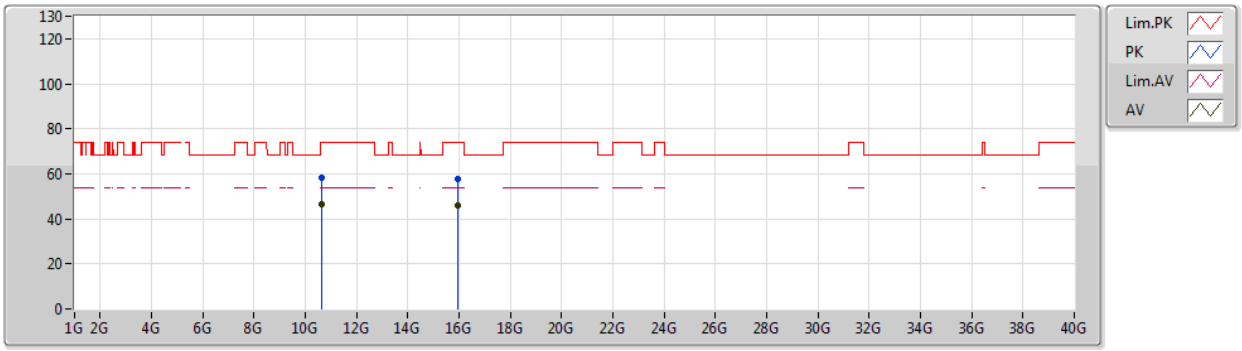
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX

07/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.63826G	46.25	54.00	-7.75	18.91	3	Vertical	238	1.09	-	27.34	39.76	9.82	30.67
AV	15.96018G	46.13	54.00	-7.87	17.12	3	Vertical	21	1.14	-	29.01	37.08	11.99	31.95
PK	10.64702G	58.40	74.00	-15.60	18.89	3	Vertical	238	1.09	-	39.51	39.75	9.82	30.68
PK	15.94788G	57.73	74.00	-16.27	17.13	3	Vertical	21	1.14	-	40.60	37.10	11.98	31.95

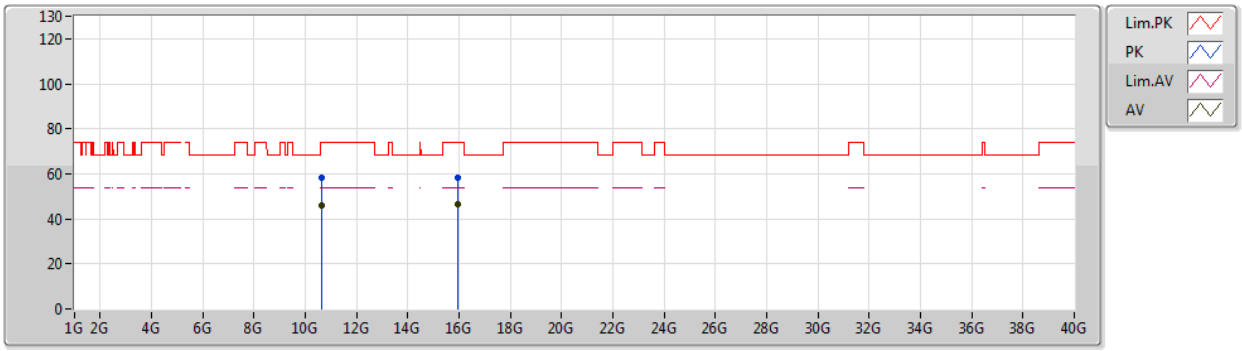
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX

07/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.63874G	46.01	54.00	-7.99	18.91	3	Horizontal	208	2.24	-	27.10	39.76	9.82	30.67
AV	15.9612G	46.25	54.00	-7.75	17.12	3	Horizontal	25	1.07	-	29.13	37.08	11.99	31.95
PK	10.63634G	58.15	74.00	-15.85	18.91	3	Horizontal	208	2.24	-	39.24	39.76	9.82	30.67
PK	15.95184G	58.33	74.00	-15.67	17.13	3	Horizontal	25	1.07	-	41.20	37.10	11.98	31.95

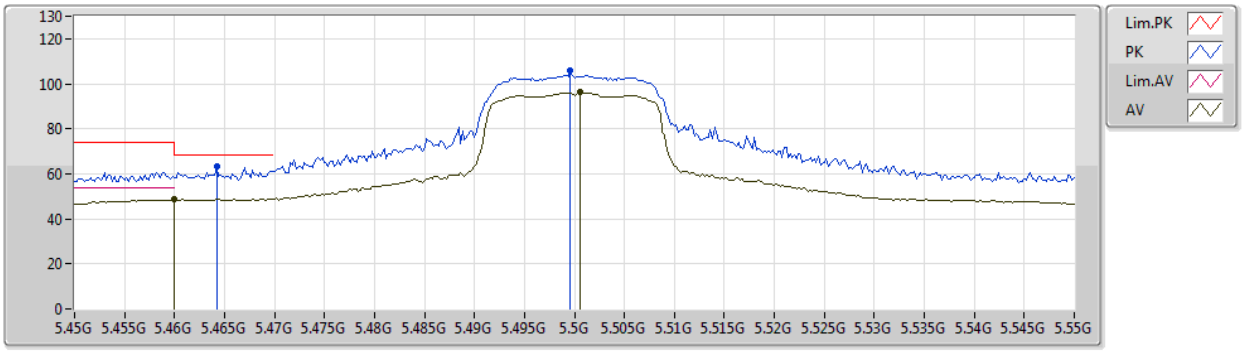
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

25/06/2020

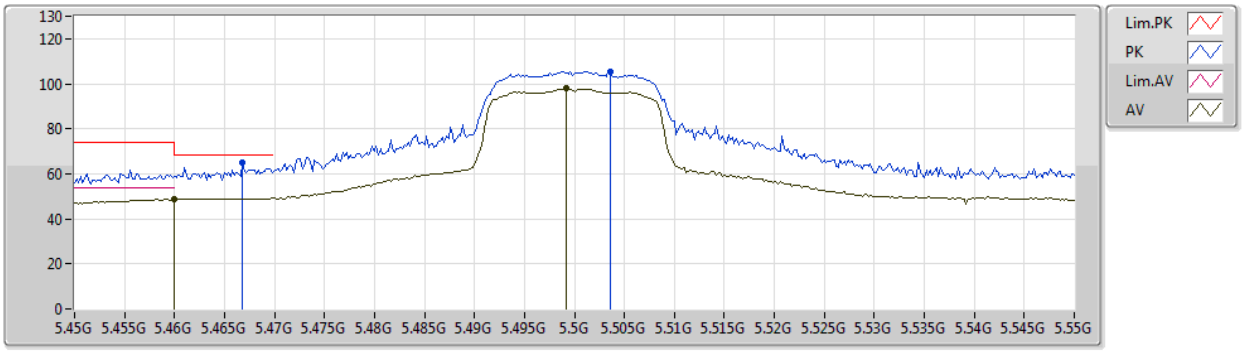


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	48.71	54.00	-5.29	9.70	3	Vertical	267	1.19	-	39.01	31.64	7.43	29.37
AV	5.5006G	96.10	Inf	-Inf	9.88	3	Vertical	267	1.19	-	86.22	31.80	7.45	29.37
PK	5.4642G	63.15	68.20	-5.05	9.72	3	Vertical	267	1.19	-	53.43	31.66	7.43	29.37
PK	5.4996G	105.69	Inf	-Inf	9.88	3	Vertical	267	1.19	-	95.81	31.80	7.45	29.37

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

25/06/2020

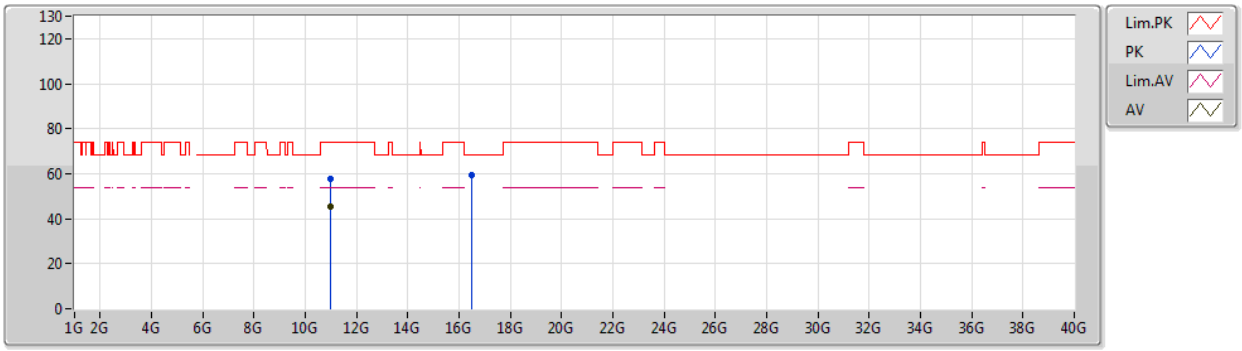


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	48.80	54.00	-5.20	9.70	3	Horizontal	293	1.08	-	39.10	31.64	7.43	29.37
AV	5.4992G	97.80	Inf	-Inf	9.88	3	Horizontal	293	1.08	-	87.92	31.80	7.45	29.37
PK	5.4668G	64.81	68.20	-3.39	9.73	3	Horizontal	293	1.08	-	55.08	31.67	7.43	29.37
PK	5.5036G	105.37	Inf	-Inf	9.88	3	Horizontal	293	1.08	-	95.49	31.80	7.45	29.37

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

07/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.99754G	45.51	54.00	-8.49	19.28	3	Vertical	275	1.50	-	26.23	40.20	10.00	30.92
PK	11.00054G	57.73	74.00	-16.27	19.28	3	Vertical	275	1.50	-	38.45	40.20	10.00	30.92
PK	16.50036G	59.38	68.20	-8.82	19.46	3	Vertical	360	2.90	-	39.92	39.00	12.15	31.69

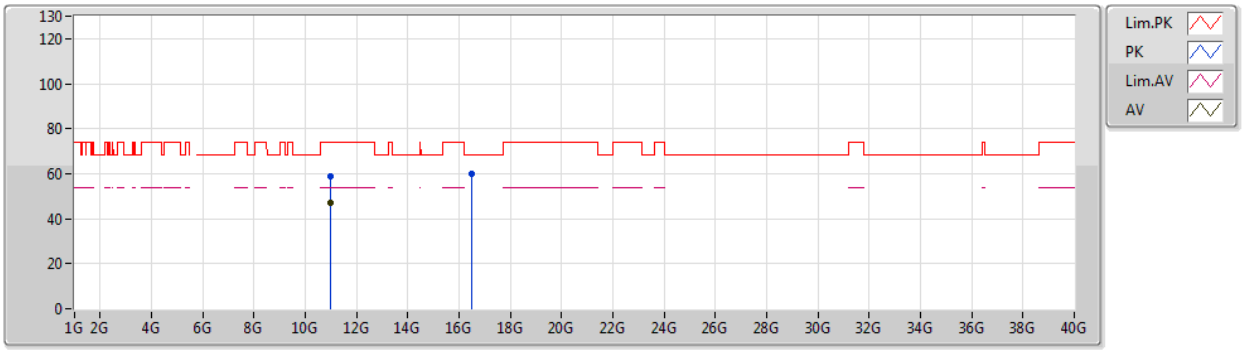
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

07/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.00054G	47.07	54.00	-6.93	19.28	3	Horizontal	240	1.08	-	27.79	40.20	10.00	30.92
PK	11.00138G	58.62	74.00	-15.38	19.28	3	Horizontal	240	1.08	-	39.34	40.20	10.00	30.92
PK	16.50522G	60.19	68.20	-8.01	19.45	3	Horizontal	149	1.01	-	40.74	38.99	12.15	31.69

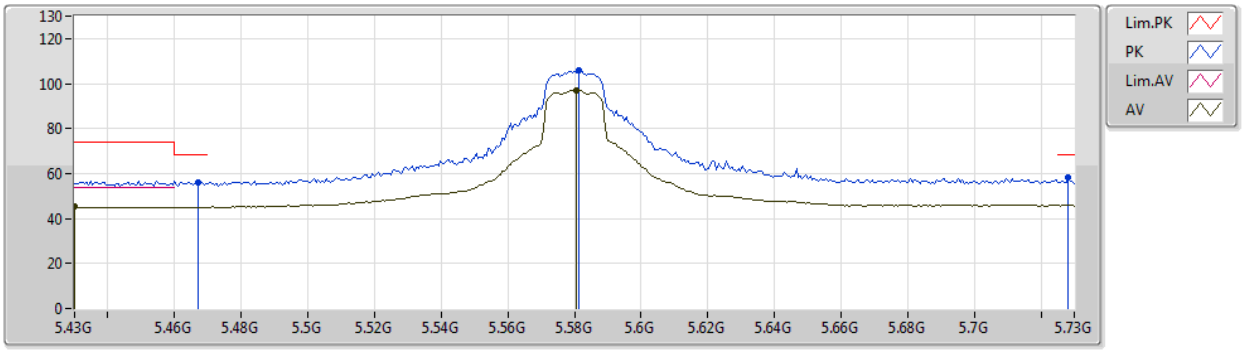
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

08/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.43G	45.24	54.00	-8.76	9.62	3	Vertical	128	2.27	-	35.62	31.56	7.42	29.36
AV	5.5806G	97.21	Inf	-Inf	9.98	3	Vertical	128	2.27	-	87.23	31.86	7.49	29.37
PK	5.4672G	56.29	68.20	-11.91	9.73	3	Vertical	128	2.27	-	46.56	31.67	7.43	29.37
PK	5.5812G	105.75	Inf	-Inf	9.98	3	Vertical	128	2.27	-	95.77	31.86	7.49	29.37
PK	5.7282G	58.26	68.20	-9.94	10.23	3	Vertical	128	2.27	-	48.03	31.96	7.63	29.36

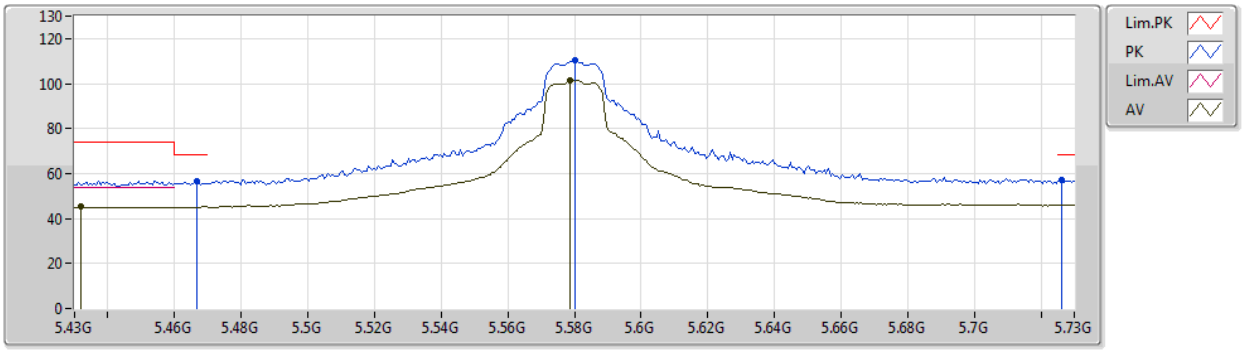
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

08/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4318G	45.20	54.00	-8.80	9.62	3	Horizontal	95	1.13	-	35.58	31.56	7.42	29.36
AV	5.5788G	101.54	Inf	-Inf	9.98	3	Horizontal	95	1.13	-	91.56	31.86	7.49	29.37
PK	5.4666G	56.34	68.20	-11.86	9.73	3	Horizontal	95	1.13	-	46.61	31.67	7.43	29.37
PK	5.58G	110.49	Inf	-Inf	9.98	3	Horizontal	95	1.13	-	100.51	31.86	7.49	29.37
PK	5.7264G	56.98	68.20	-11.22	10.22	3	Horizontal	95	1.13	-	46.76	31.95	7.63	29.36

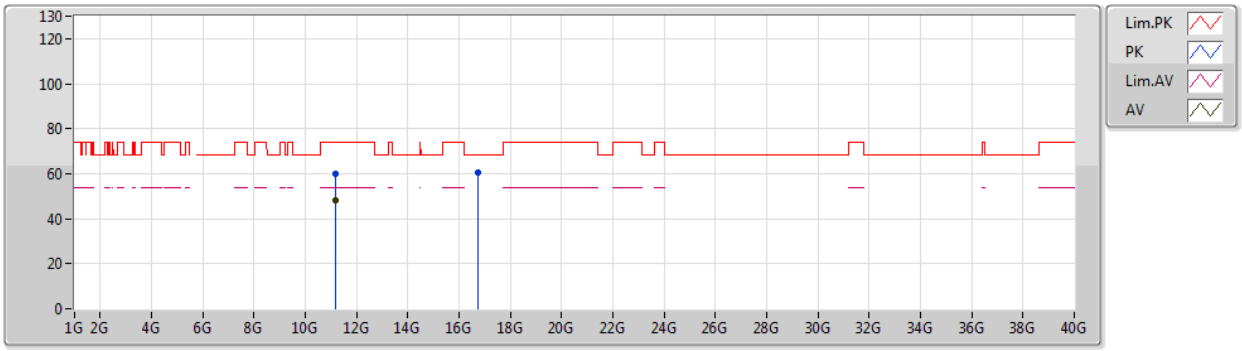
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

08/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.15844G	48.30	54.00	-5.70	19.05	3	Vertical	41	1.00	-	29.25	39.84	10.08	30.87
PK	11.15994G	60.04	74.00	-13.96	19.05	3	Vertical	41	1.00	-	40.99	39.84	10.08	30.87
PK	16.73562G	60.78	68.20	-7.42	20.25	3	Vertical	3	1.66	-	40.53	39.72	12.22	31.69

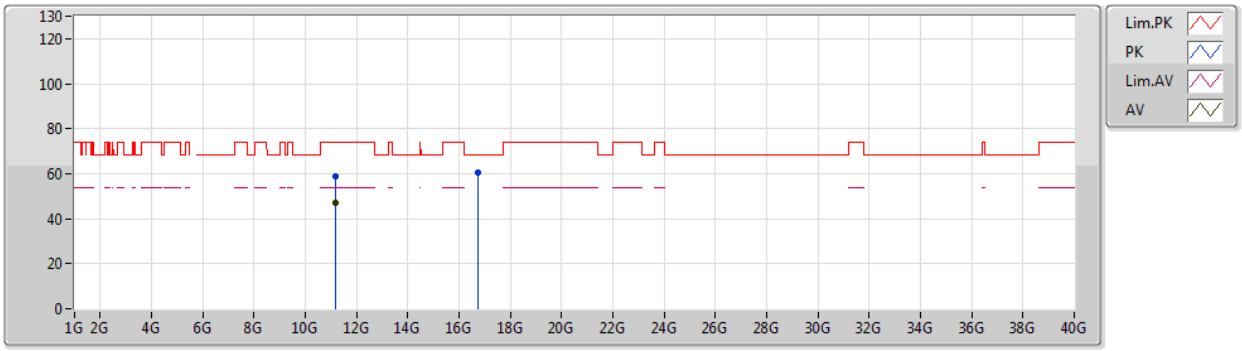
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

08/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.15922G	46.98	54.00	-7.02	19.05	3	Horizontal	37	1.04	-	27.93	39.84	10.08	30.87
PK	11.15886G	59.02	74.00	-14.98	19.05	3	Horizontal	37	1.04	-	39.97	39.84	10.08	30.87
PK	16.7496G	60.31	68.20	-7.89	20.38	3	Horizontal	0	1.48	-	39.93	39.85	12.22	31.69

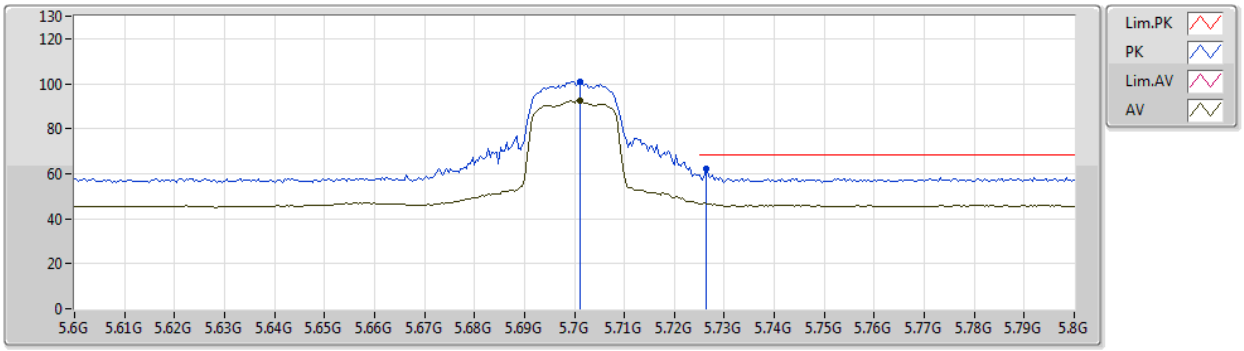
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

25/06/2020

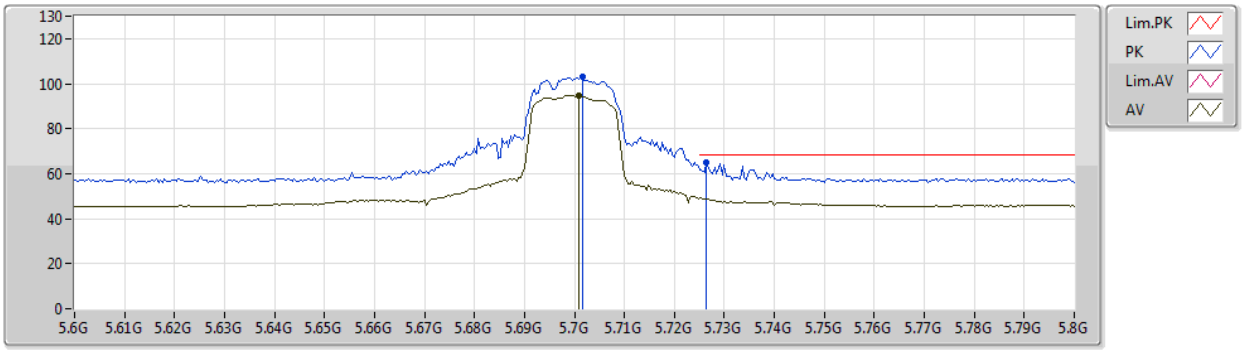


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7012G	92.41	Inf	-Inf	10.14	3	Vertical	272	1.13	-	82.27	31.90	7.60	29.36
PK	5.7012G	100.95	Inf	-Inf	10.14	3	Vertical	272	1.13	-	90.81	31.90	7.60	29.36
PK	5.7264G	62.42	68.20	-5.78	10.22	3	Vertical	272	1.13	-	52.20	31.95	7.63	29.36

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

25/06/2020

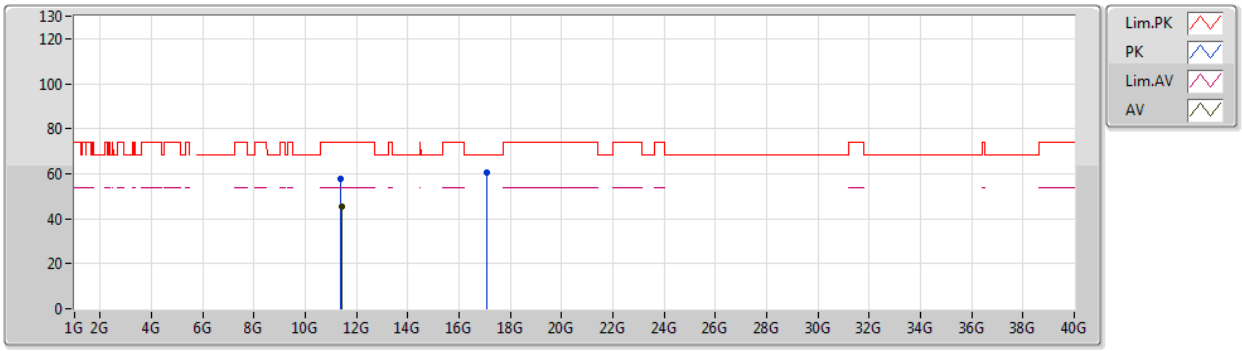


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7008G	94.92	Inf	-Inf	10.14	3	Horizontal	297	1.01	-	84.78	31.90	7.60	29.36
PK	5.7016G	102.87	Inf	-Inf	10.14	3	Horizontal	297	1.01	-	92.73	31.90	7.60	29.36
PK	5.7264G	65.12	68.20	-3.08	10.22	3	Horizontal	297	1.01	-	54.90	31.95	7.63	29.36

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

08/05/2020

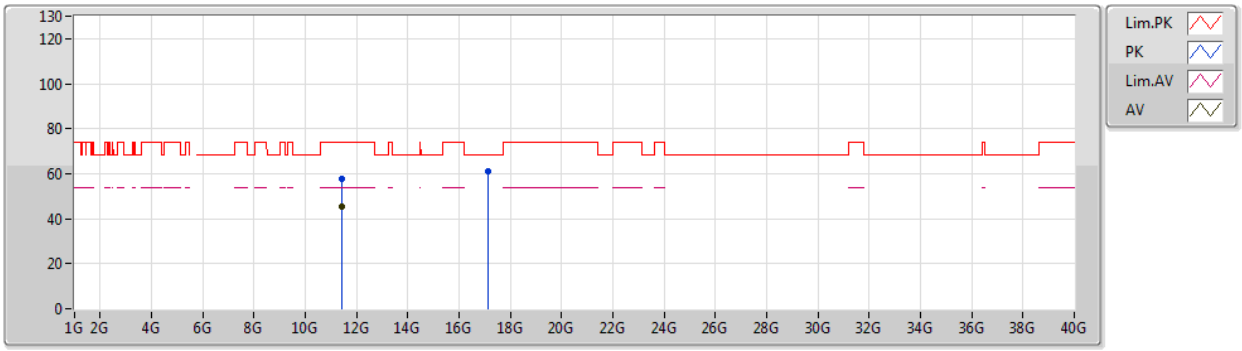


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.40888G	45.56	54.00	-8.44	19.31	3	Vertical	328	2.94	-	26.25	39.91	10.20	30.80
PK	11.39832G	57.55	74.00	-16.45	19.30	3	Vertical	328	2.94	-	38.25	39.90	10.20	30.80
PK	17.10258G	60.73	68.20	-7.47	20.99	3	Vertical	32	1.50	-	39.74	40.30	12.33	31.64

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

08/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4072G	45.43	54.00	-8.57	19.31	3	Horizontal	147	1.50	-	26.12	39.91	10.20	30.80
PK	11.40246G	57.51	74.00	-16.49	19.30	3	Horizontal	147	1.50	-	38.21	39.90	10.20	30.80
PK	17.1147G	61.11	68.20	-7.09	21.01	3	Horizontal	205	1.50	-	40.10	40.31	12.33	31.63

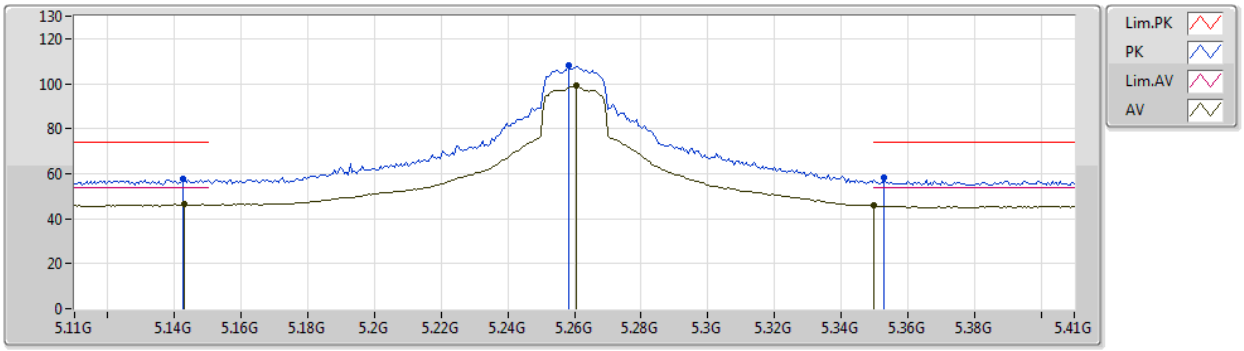
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT20_Nss1,(MCS0)_1TX

5260MHz_TX

09/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.143G	46.30	54.00	-7.70	10.00	3	Vertical	278	1.07	-	36.30	31.99	7.34	29.33
AV	5.2606G	99.06	Inf	-Inf	9.43	3	Vertical	278	1.07	-	89.63	31.38	7.40	29.35
AV	5.35G	45.97	54.00	-8.03	9.14	3	Vertical	278	1.07	-	36.83	31.10	7.40	29.36
PK	5.1424G	57.46	74.00	-16.54	9.99	3	Vertical	278	1.07	-	47.47	31.98	7.34	29.33
PK	5.2582G	107.89	Inf	-Inf	9.43	3	Vertical	278	1.07	-	98.46	31.38	7.40	29.35
PK	5.353G	58.03	74.00	-15.97	9.16	3	Vertical	278	1.07	-	48.87	31.12	7.40	29.36

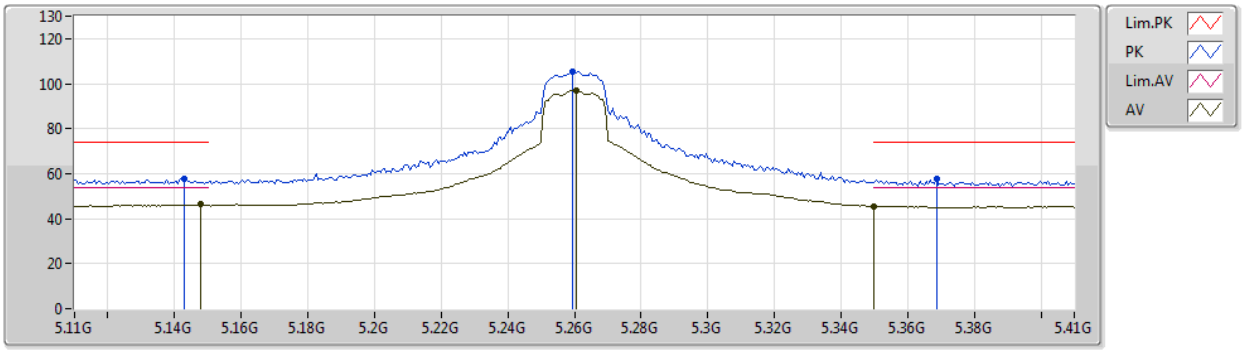
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT20_Nss1,(MCS0)_1TX

09/05/2020

5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1478G	46.24	54.00	-7.76	10.02	3	Horizontal	70	1.19	-	36.22	32.00	7.35	29.33
AV	5.2606G	96.92	Inf	-Inf	9.43	3	Horizontal	70	1.19	-	87.49	31.38	7.40	29.35
AV	5.35G	45.60	54.00	-8.40	9.14	3	Horizontal	70	1.19	-	36.46	31.10	7.40	29.36
PK	5.143G	57.55	74.00	-16.45	10.00	3	Horizontal	70	1.19	-	47.55	31.99	7.34	29.33
PK	5.2594G	105.27	Inf	-Inf	9.43	3	Horizontal	70	1.19	-	95.84	31.38	7.40	29.35
PK	5.3686G	57.62	74.00	-16.38	9.29	3	Horizontal	70	1.19	-	48.33	31.25	7.40	29.36

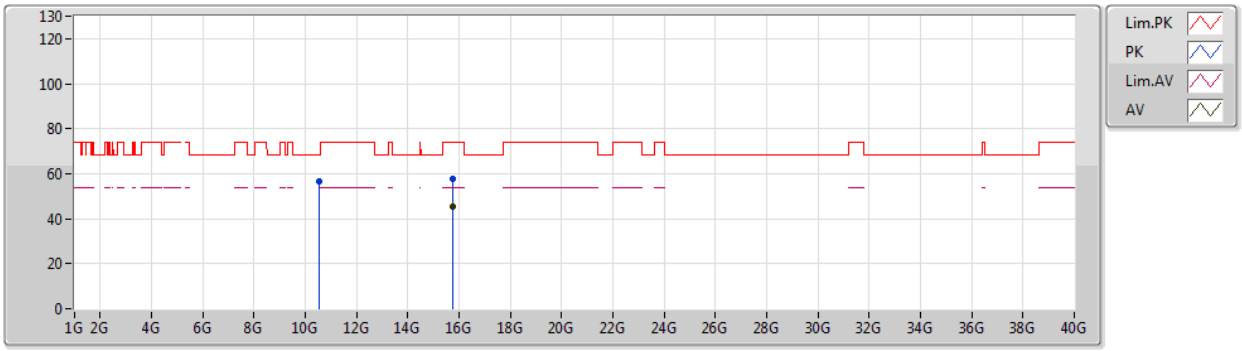
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT20_Nss1,(MCS0)_1TX

09/05/2020

5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.77436G	45.50	54.00	-8.50	17.56	3	Vertical	239	2.37	-	27.94	37.55	11.92	31.91
PK	10.52318G	56.80	68.20	-11.40	18.88	3	Vertical	346	1.50	-	37.92	39.72	9.76	30.60
PK	15.774G	57.66	74.00	-16.34	17.56	3	Vertical	239	2.37	-	40.10	37.55	11.92	31.91

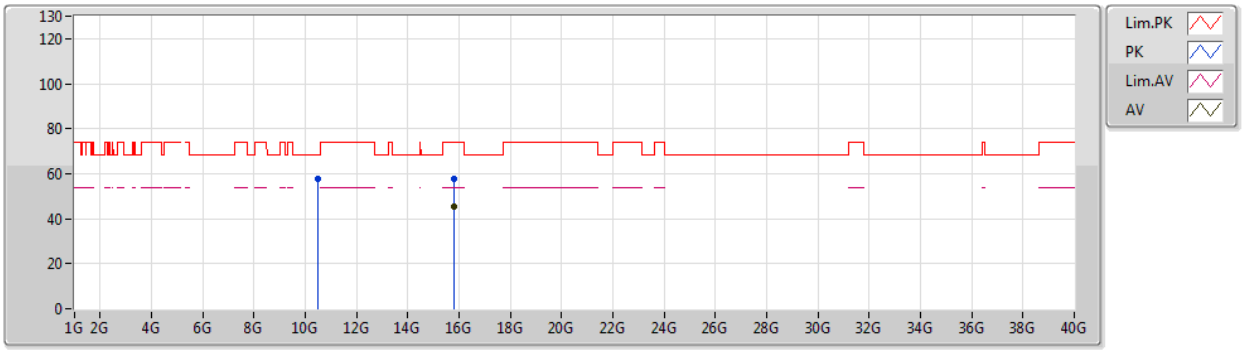
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT20_Nss1,(MCS0)_1TX

5260MHz_TX

09/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.77916G	45.36	54.00	-8.64	17.55	3	Horizontal	104	1.55	-	27.81	37.54	11.92	31.91
PK	10.51406G	57.44	68.20	-10.76	18.88	3	Horizontal	200	2.08	-	38.56	39.71	9.76	30.59
PK	15.79458G	57.63	74.00	-16.37	17.53	3	Horizontal	104	1.55	-	40.10	37.51	11.93	31.91

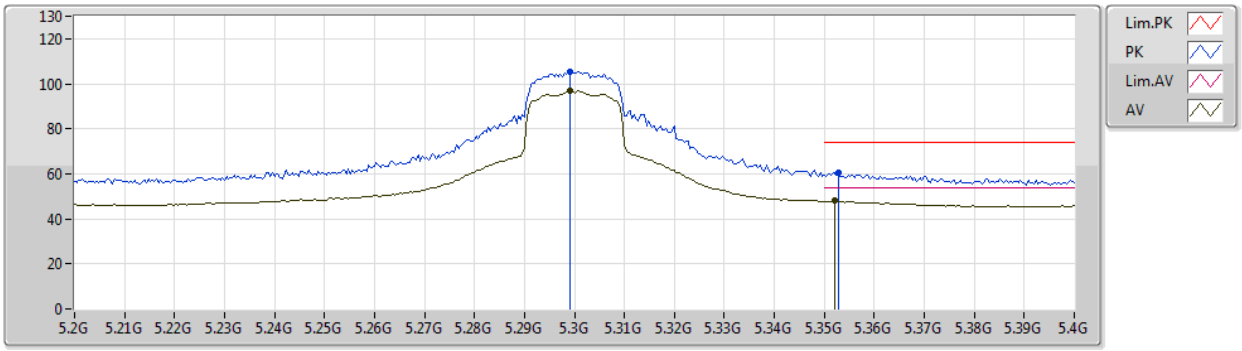
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT20_Nss1,(MCS0)_1TX

5300MHz_TX

09/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2992G	96.83	Inf	-Inf	9.35	3	Vertical	276	1.23	-	87.48	31.30	7.40	29.35
AV	5.352G	48.12	54.00	-5.88	9.16	3	Vertical	276	1.23	-	38.96	31.12	7.40	29.36
PK	5.2992G	105.26	Inf	-Inf	9.35	3	Vertical	276	1.23	-	95.91	31.30	7.40	29.35
PK	5.3528G	60.78	74.00	-13.22	9.16	3	Vertical	276	1.23	-	51.62	31.12	7.40	29.36

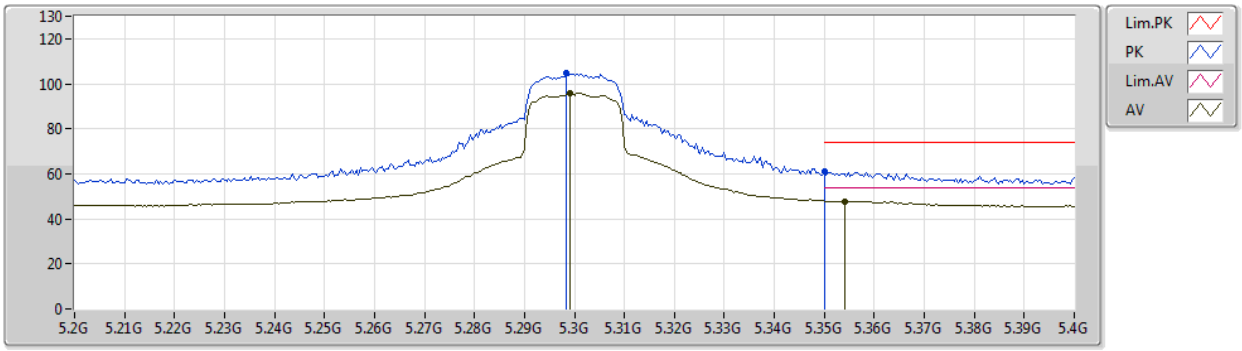
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT20_Nss1,(MCS0)_1TX

5300MHz_TX

09/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2992G	95.94	Inf	-Inf	9.35	3	Horizontal	103	1.01	-	86.59	31.30	7.40	29.35
AV	5.354G	47.84	54.00	-6.16	9.17	3	Horizontal	103	1.01	-	38.67	31.13	7.40	29.36
PK	5.2984G	104.78	Inf	-Inf	9.35	3	Horizontal	103	1.01	-	95.43	31.30	7.40	29.35
PK	5.35G	61.15	74.00	-12.85	9.14	3	Horizontal	103	1.01	-	52.01	31.10	7.40	29.36

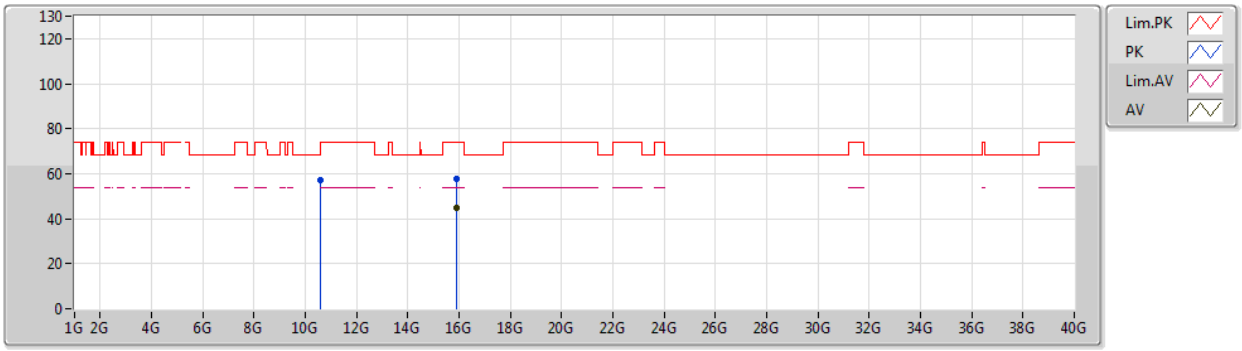
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT20_Nss1,(MCS0)_1TX

09/05/2020

5300MHz_TX

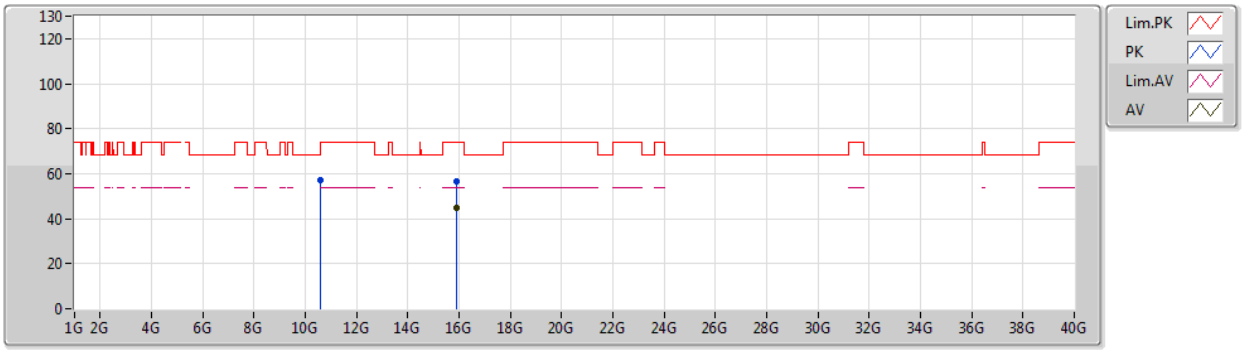


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.88554G	44.95	54.00	-9.05	17.27	3	Vertical	276	2.42	-	27.68	37.24	11.96	31.93
PK	10.61302G	57.12	74.00	-16.88	18.94	3	Vertical	289	2.22	-	38.18	39.79	9.81	30.66
PK	15.89682G	57.60	74.00	-16.40	17.23	3	Vertical	276	2.42	-	40.37	37.21	11.96	31.94

802.11n HT20_Nss1,(MCS0)_1TX

5300MHz_TX

09/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.91188G	44.94	54.00	-9.06	17.21	3	Horizontal	131	1.96	-	27.73	37.18	11.97	31.94
PK	10.606G	57.10	74.00	-16.90	18.94	3	Horizontal	334	2.42	-	38.16	39.79	9.80	30.65
PK	15.89298G	56.65	74.00	-17.35	17.24	3	Horizontal	131	1.96	-	39.41	37.22	11.96	31.94

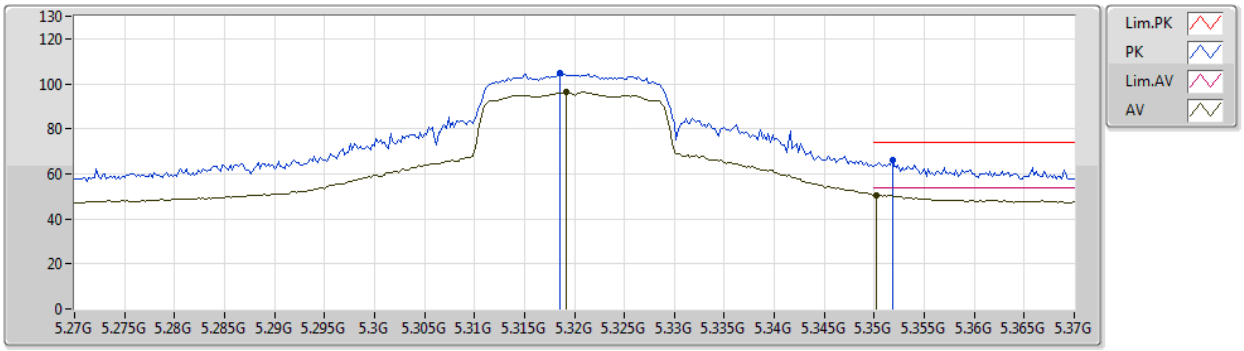
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11n HT20_Nss1,(MCS0)_1TX

25/06/2020

5320MHz_TX

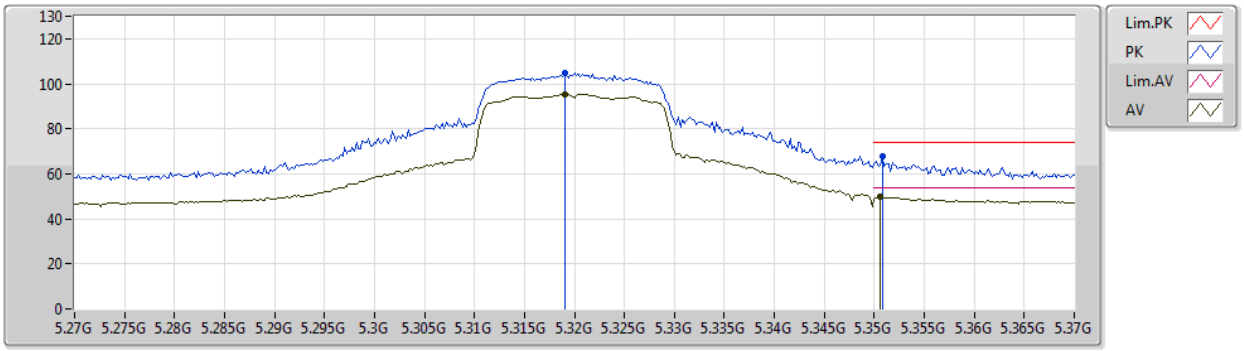


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3192G	96.28	Inf	-Inf	9.27	3	Vertical	276	1.09	-	87.01	31.22	7.40	29.35
AV	5.3502G	50.46	54.00	-3.54	9.14	3	Vertical	276	1.09	-	41.32	31.10	7.40	29.36
PK	5.3186G	104.97	Inf	-Inf	9.28	3	Vertical	276	1.09	-	95.69	31.23	7.40	29.35
PK	5.3518G	66.15	74.00	-7.85	9.15	3	Vertical	276	1.09	-	57.00	31.11	7.40	29.36

802.11n HT20_Nss1,(MCS0)_1TX

5320MHz_TX

25/06/2020

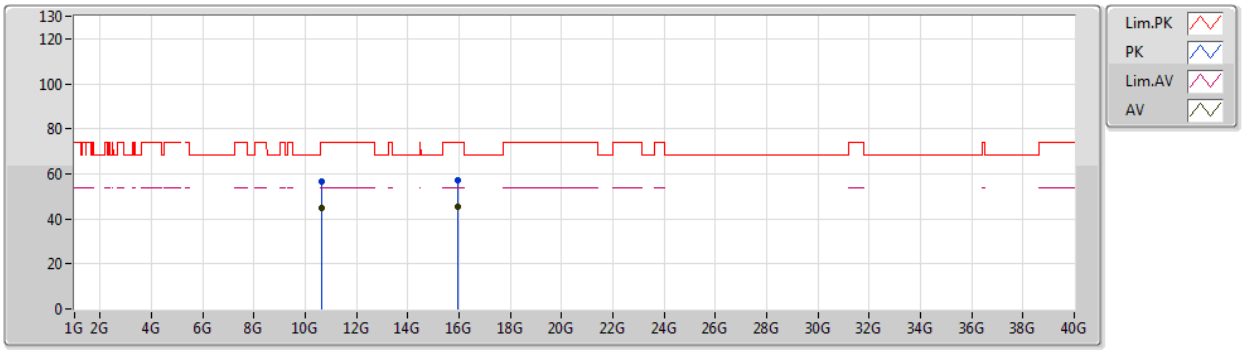


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.319G	95.35	Inf	-Inf	9.27	3	Horizontal	292	1.12	-	86.08	31.22	7.40	29.35
AV	5.3506G	49.74	54.00	-4.26	9.14	3	Horizontal	292	1.12	-	40.60	31.10	7.40	29.36
PK	5.319G	104.75	Inf	-Inf	9.27	3	Horizontal	292	1.12	-	95.48	31.22	7.40	29.35
PK	5.3508G	67.77	74.00	-6.23	9.15	3	Horizontal	292	1.12	-	58.62	31.11	7.40	29.36

802.11n HT20_Nss1,(MCS0)_1TX

09/05/2020

5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.62884G	44.99	54.00	-9.01	18.91	3	Vertical	64	2.08	-	26.08	39.77	9.81	30.67
AV	15.96216G	45.21	54.00	-8.79	17.12	3	Vertical	114	1.95	-	28.09	37.08	11.99	31.95
PK	10.64888G	56.86	74.00	-17.14	18.89	3	Vertical	64	2.08	-	37.97	39.75	9.82	30.68
PK	15.95916G	57.01	74.00	-16.99	17.12	3	Vertical	114	1.95	-	39.89	37.08	11.99	31.95

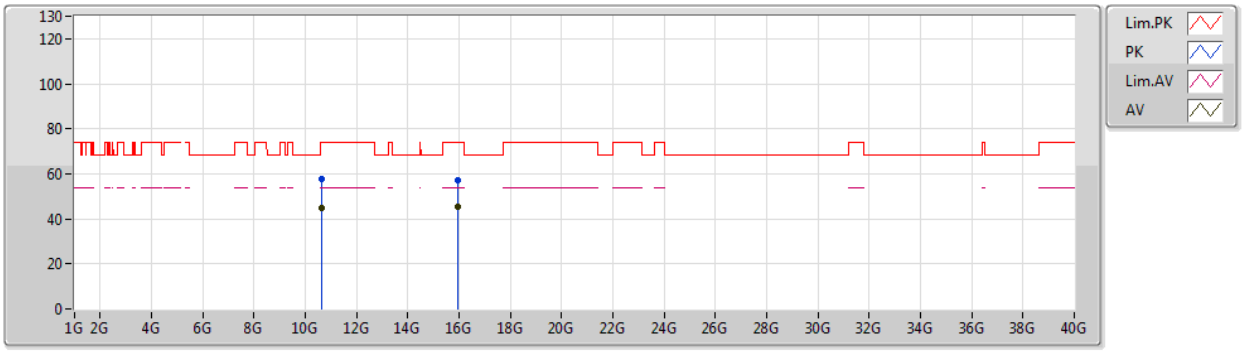
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11n HT20_Nss1,(MCS0)_1TX

5320MHz_TX

09/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.63466G	44.94	54.00	-9.06	18.92	3	Horizontal	260	1.12	-	26.02	39.77	9.82	30.67
AV	15.9684G	45.13	54.00	-8.87	17.10	3	Horizontal	208	1.88	-	28.03	37.06	11.99	31.95
PK	10.63502G	57.85	74.00	-16.15	18.91	3	Horizontal	260	1.12	-	38.94	39.76	9.82	30.67
PK	15.97188G	57.34	74.00	-16.66	17.10	3	Horizontal	208	1.88	-	40.24	37.06	11.99	31.95

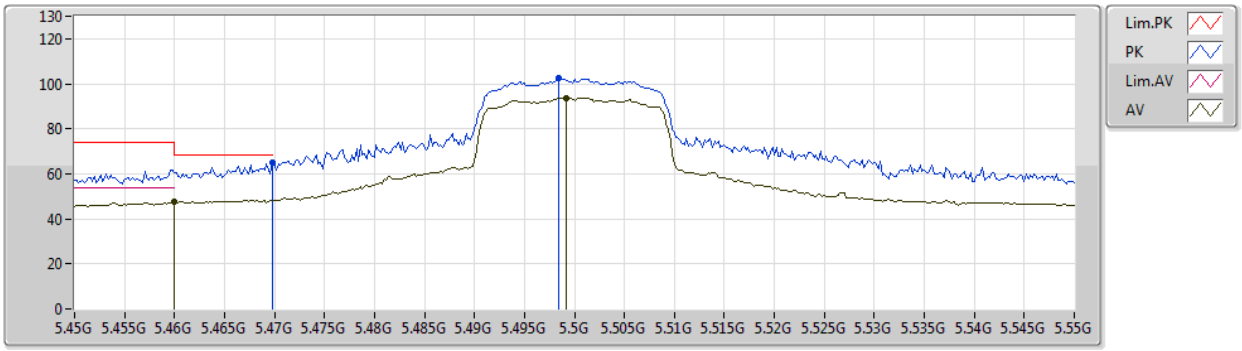
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11n HT20_Nss1,(MCS0)_1TX

5500MHz_TX

26/06/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	47.36	54.00	-6.64	9.70	3	Vertical	259	1.12	-	37.66	31.64	7.43	29.37
AV	5.4992G	93.81	Inf	-Inf	9.88	3	Vertical	259	1.12	-	83.93	31.80	7.45	29.37
PK	5.4698G	65.17	68.20	-3.03	9.74	3	Vertical	259	1.12	-	55.43	31.68	7.43	29.37
PK	5.4984G	102.77	Inf	-Inf	9.87	3	Vertical	259	1.12	-	92.90	31.79	7.45	29.37

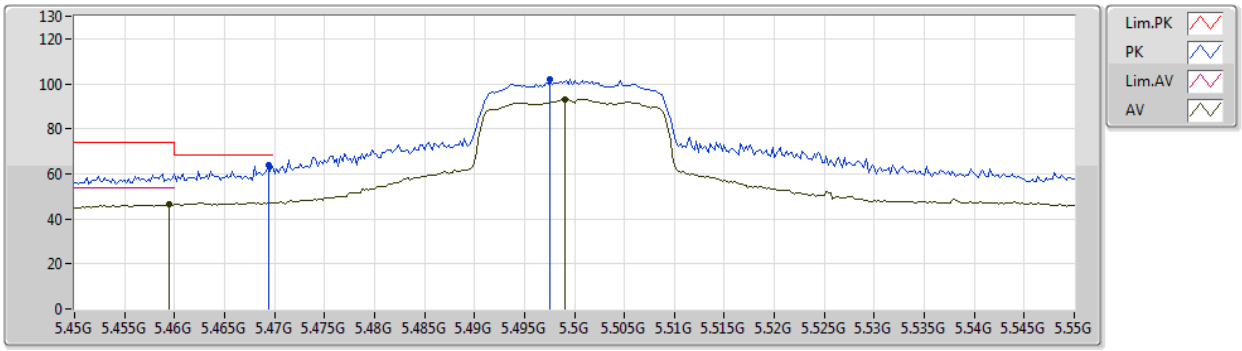
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT20_Nss1,(MCS0)_1TX

5500MHz_TX

26/06/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4594G	46.33	54.00	-7.67	9.70	3	Horizontal	293	1.37	-	36.63	31.64	7.43	29.37
AV	5.499G	92.92	Inf	-Inf	9.88	3	Horizontal	293	1.37	-	83.04	31.80	7.45	29.37
PK	5.4694G	63.83	68.20	-4.37	9.74	3	Horizontal	293	1.37	-	54.09	31.68	7.43	29.37
PK	5.4976G	101.83	Inf	-Inf	9.87	3	Horizontal	293	1.37	-	91.96	31.79	7.45	29.37

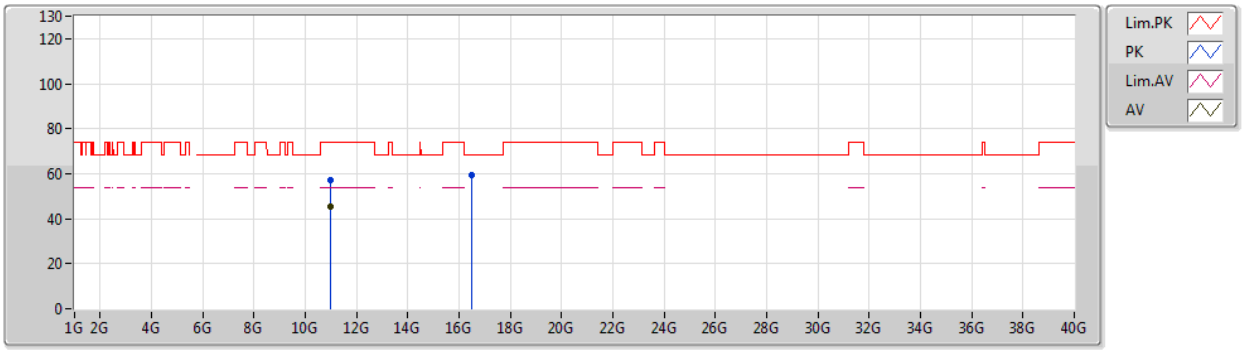
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT20_Nss1,(MCS0)_1TX

5500MHz_TX

09/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.99382G	45.54	54.00	-8.46	19.27	3	Vertical	98	1.01	-	26.27	40.19	10.00	30.92
PK	11.00396G	57.14	74.00	-16.86	19.27	3	Vertical	98	1.01	-	37.87	40.19	10.00	30.92
PK	16.5081G	59.30	68.20	-8.90	19.44	3	Vertical	85	2.37	-	39.86	38.98	12.15	31.69

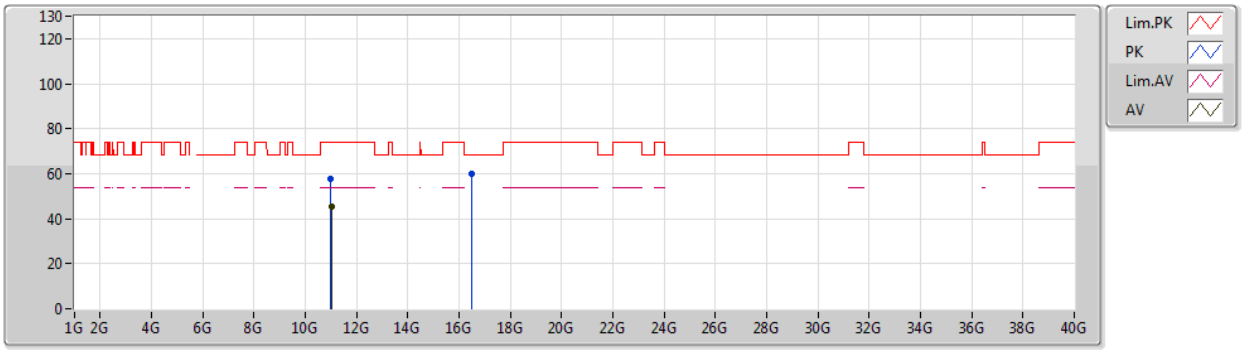
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11n HT20_Nss1,(MCS0)_1TX

5500MHz_TX

09/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.01248G	45.48	54.00	-8.52	19.25	3	Horizontal	293	1.32	-	26.23	40.16	10.01	30.92
PK	10.99838G	57.79	74.00	-16.21	19.28	3	Horizontal	293	1.32	-	38.51	40.20	10.00	30.92
PK	16.49508G	59.84	68.20	-8.36	19.42	3	Horizontal	30	2.27	-	40.42	38.96	12.15	31.69

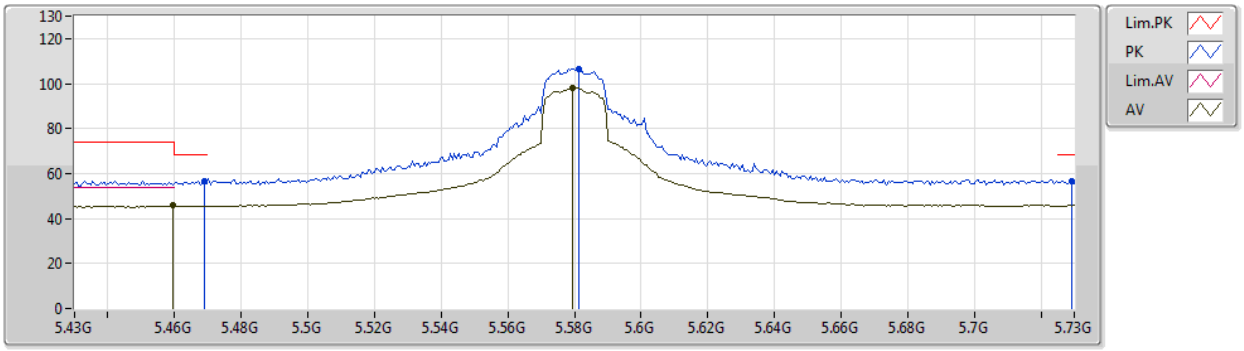
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11n HT20_Nss1,(MCS0)_1TX

09/05/2020

5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4594G	45.69	54.00	-8.31	9.70	3	Vertical	136	1.22	-	35.99	31.64	7.43	29.37
AV	5.5794G	98.06	Inf	-Inf	9.98	3	Vertical	136	1.22	-	88.08	31.86	7.49	29.37
PK	5.469G	56.62	68.20	-11.58	9.74	3	Vertical	136	1.22	-	46.88	31.68	7.43	29.37
PK	5.5812G	106.54	Inf	-Inf	9.98	3	Vertical	136	1.22	-	96.56	31.86	7.49	29.37
PK	5.7294G	56.50	68.20	-11.70	10.23	3	Vertical	136	1.22	-	46.27	31.96	7.63	29.36

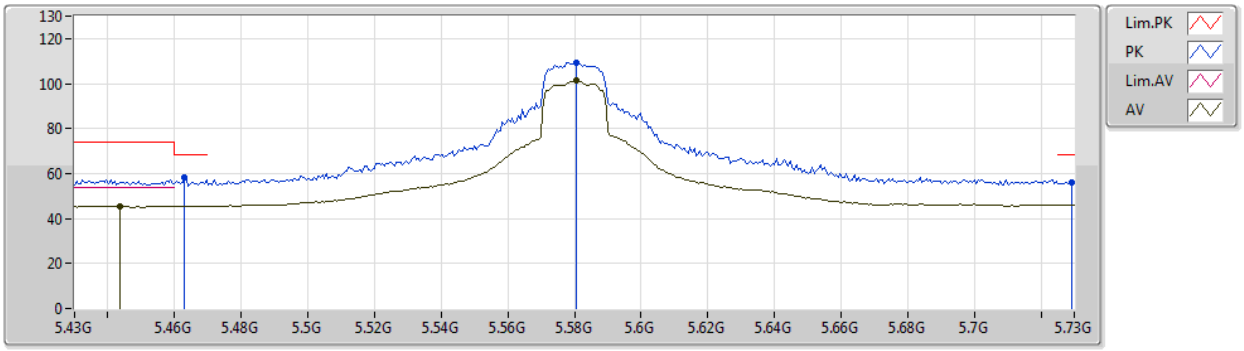
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT20_Nss1,(MCS0)_1TX

09/05/2020

5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4438G	45.62	54.00	-8.38	9.65	3	Horizontal	77	1.04	-	35.97	31.59	7.42	29.36
AV	5.5806G	101.27	Inf	-Inf	9.98	3	Horizontal	77	1.04	-	91.29	31.86	7.49	29.37
PK	5.463G	58.16	68.20	-10.04	9.71	3	Horizontal	77	1.04	-	48.45	31.65	7.43	29.37
PK	5.5806G	109.09	Inf	-Inf	9.98	3	Horizontal	77	1.04	-	99.11	31.86	7.49	29.37
PK	5.7294G	56.00	68.20	-12.20	10.23	3	Horizontal	77	1.04	-	45.77	31.96	7.63	29.36

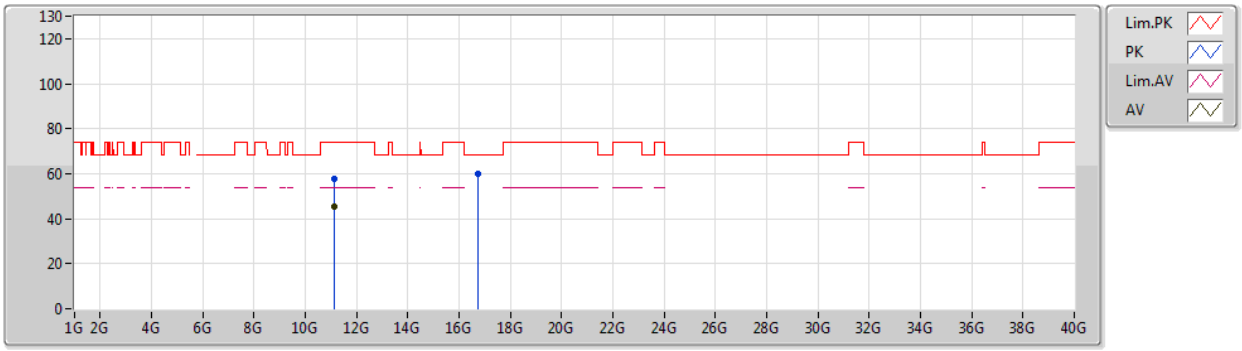
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT20_Nss1,(MCS0)_1TX

09/05/2020

5580MHz_TX

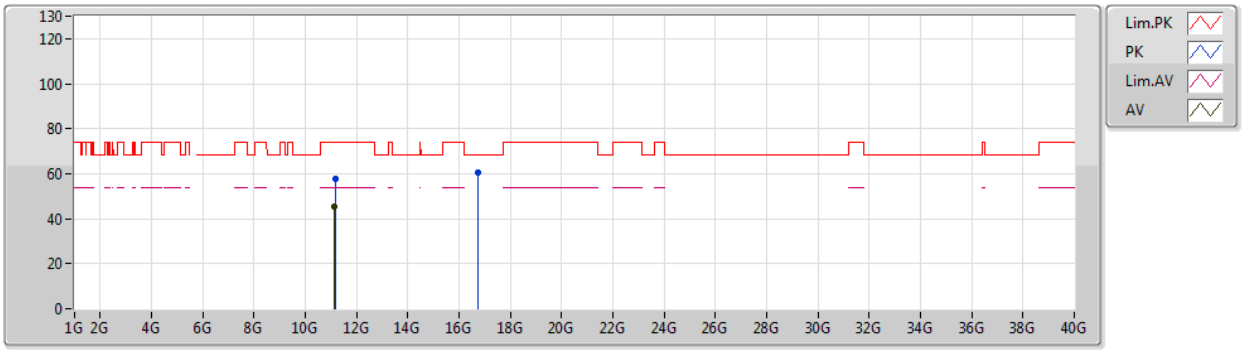


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.15004G	45.49	54.00	-8.51	19.06	3	Vertical	113	1.51	-	26.43	39.85	10.08	30.87
PK	11.14698G	57.72	74.00	-16.28	19.04	3	Vertical	113	1.51	-	38.68	39.85	10.07	30.88
PK	16.74288G	59.86	68.20	-8.34	20.32	3	Vertical	274	2.05	-	39.54	39.79	12.22	31.69

802.11n HT20_Nss1,(MCS0)_1TX

09/05/2020

5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.14956G	45.61	54.00	-8.39	19.04	3	Horizontal	289	1.36	-	26.57	39.85	10.07	30.88
PK	11.17212G	57.49	74.00	-16.51	19.05	3	Horizontal	289	1.36	-	38.44	39.83	10.09	30.87
PK	16.74912G	60.50	68.20	-7.70	20.37	3	Horizontal	186	1.84	-	40.13	39.84	12.22	31.69

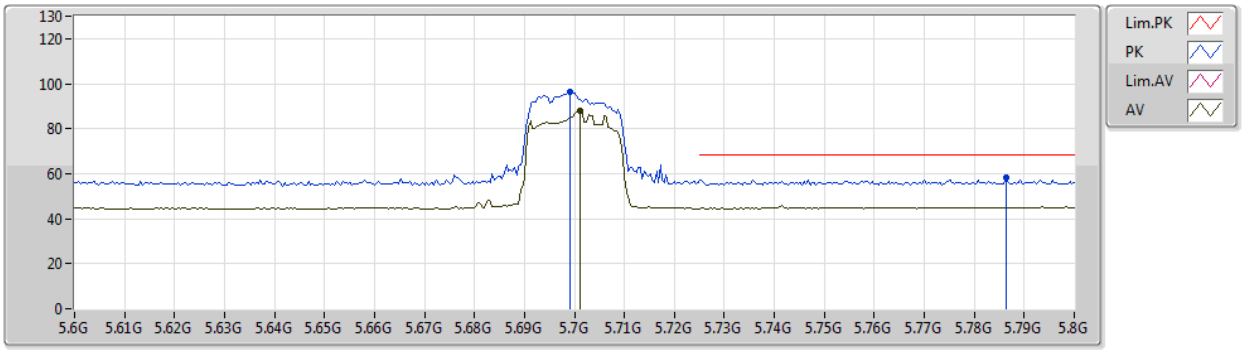
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT20_Nss1,(MCS0)_1TX

5700MHz_TX

26/06/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7012G	88.06	Inf	-Inf	10.14	3	Vertical	270	1.15	-	77.92	31.90	7.60	29.36
PK	5.6992G	96.18	Inf	-Inf	10.14	3	Vertical	270	1.15	-	86.04	31.90	7.60	29.36
PK	5.7864G	58.00	68.20	-10.20	10.33	3	Vertical	270	1.15	-	47.67	32.00	7.69	29.36

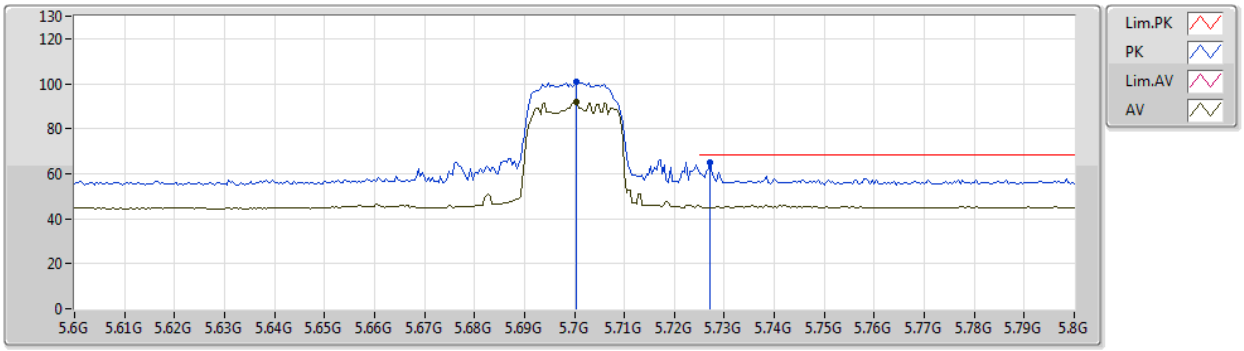
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11n HT20_Nss1,(MCS0)_1TX

5700MHz_TX

26/06/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7004G	92.17	Inf	-Inf	10.14	3	Horizontal	79	1.07	-	82.03	31.90	7.60	29.36
PK	5.7004G	100.70	Inf	-Inf	10.14	3	Horizontal	79	1.07	-	90.56	31.90	7.60	29.36
PK	5.7272G	64.97	68.20	-3.23	10.22	3	Horizontal	79	1.07	-	54.75	31.95	7.63	29.36

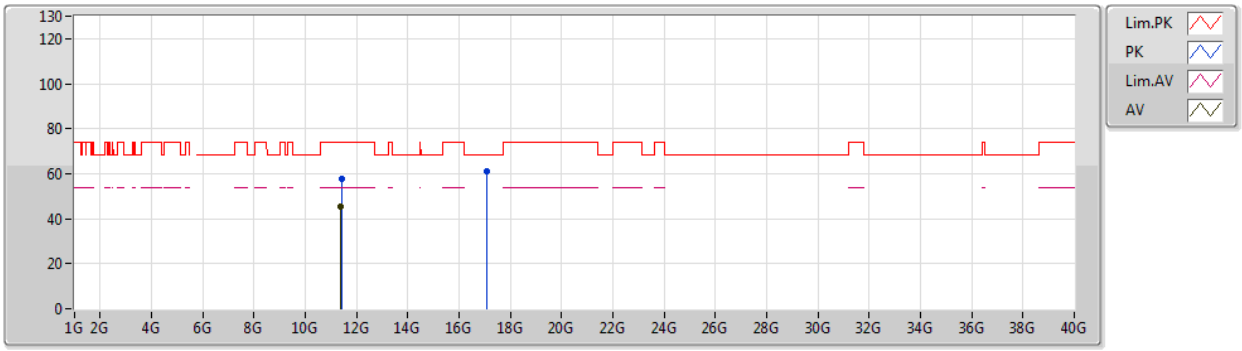
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT20_Nss1,(MCS0)_1TX

5700MHz_TX

09/05/2020

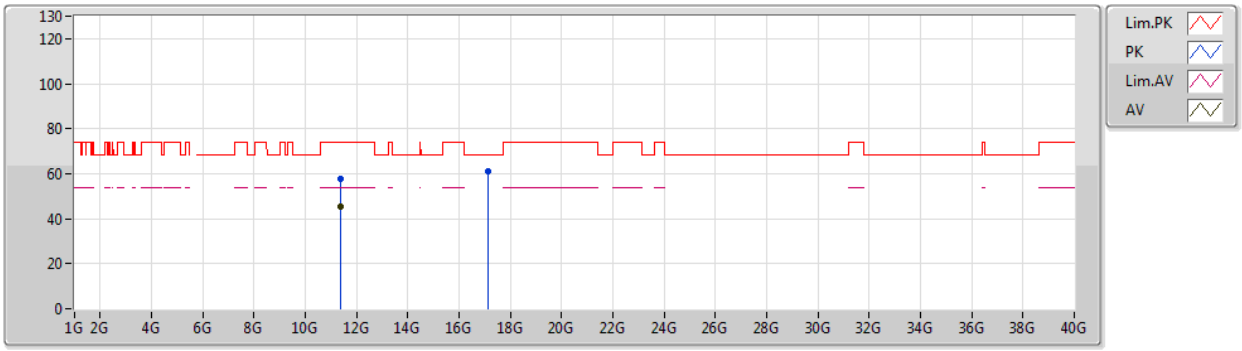


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.39706G	45.59	54.00	-8.41	19.30	3	Vertical	111	2.41	-	26.29	39.90	10.20	30.80
PK	11.40462G	57.54	74.00	-16.46	19.30	3	Vertical	111	2.41	-	38.24	39.90	10.20	30.80
PK	17.10042G	60.97	68.20	-7.23	20.99	3	Vertical	221	1.24	-	39.98	40.30	12.33	31.64

802.11n HT20_Nss1,(MCS0)_1TX

5700MHz_TX

09/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.40156G	45.59	54.00	-8.41	19.30	3	Horizontal	58	1.88	-	26.29	39.90	10.20	30.80
PK	11.38848G	57.74	74.00	-16.26	19.28	3	Horizontal	58	1.88	-	38.46	39.89	10.19	30.80
PK	17.10804G	60.92	68.20	-7.28	21.00	3	Horizontal	52	1.22	-	39.92	40.31	12.33	31.64

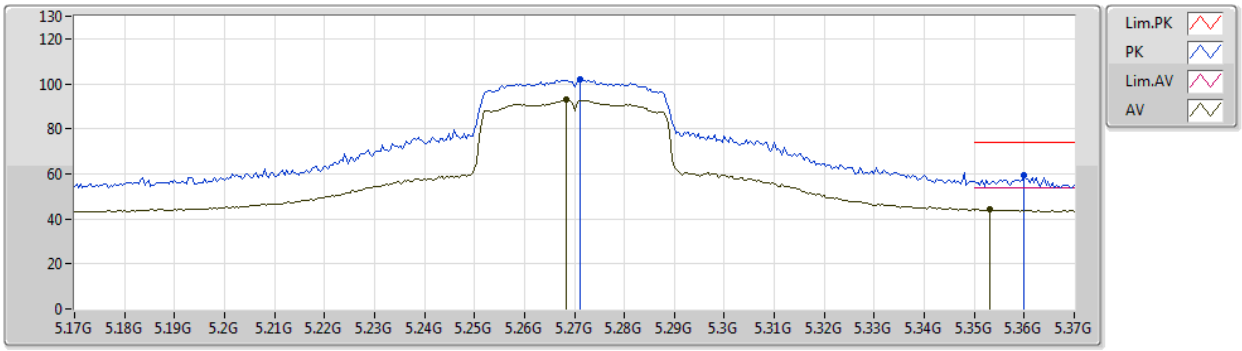
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT40_Nss1,(MCS0)_1TX

11/05/2020

5270MHz_TX

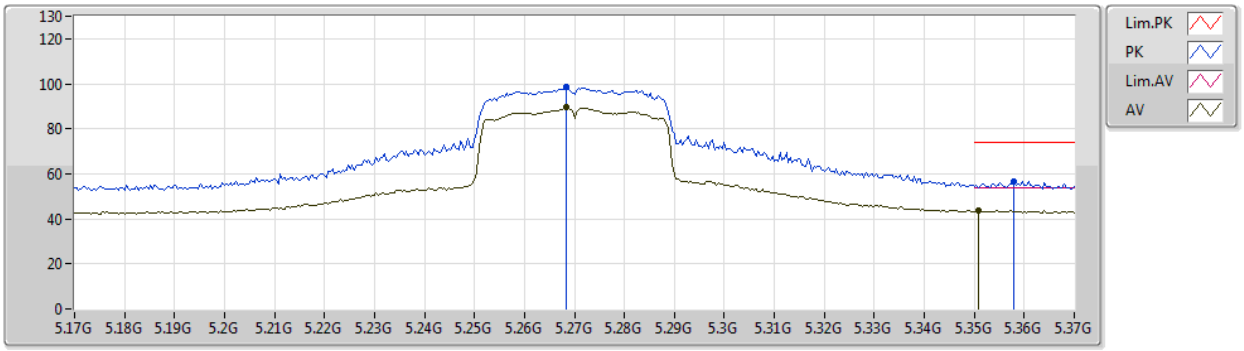


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2684G	92.84	Inf	-Inf	6.53	3	Vertical	291	1.00	-	86.31	31.81	8.58	33.86
AV	5.3532G	44.16	54.00	-9.84	6.55	3	Vertical	291	1.00	-	37.61	31.84	8.60	33.89
PK	5.2712G	101.96	Inf	-Inf	6.53	3	Vertical	291	1.00	-	95.43	31.81	8.58	33.86
PK	5.36G	59.41	74.00	-14.59	6.55	3	Vertical	291	1.00	-	52.86	31.84	8.60	33.89

802.11n HT40_Nss1,(MCS0)_1TX

5270MHz_TX

11/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2684G	89.38	Inf	-Inf	6.53	3	Horizontal	296	1.50	-	82.85	31.81	8.58	33.86
AV	5.3508G	43.72	54.00	-10.28	6.55	3	Horizontal	296	1.50	-	37.17	31.84	8.60	33.89
PK	5.2684G	98.63	Inf	-Inf	6.53	3	Horizontal	296	1.50	-	92.10	31.81	8.58	33.86
PK	5.358G	56.87	74.00	-17.13	6.55	3	Horizontal	296	1.50	-	50.32	31.84	8.60	33.89

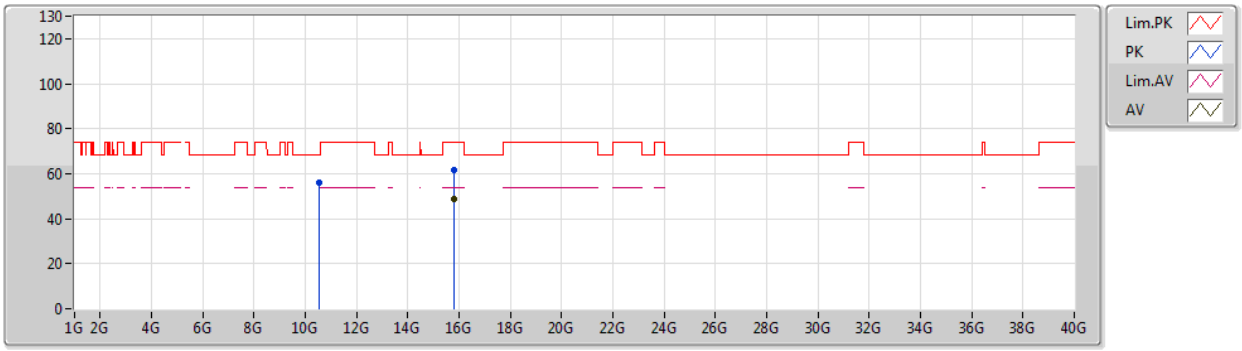
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT40_Nss1,(MCS0)_1TX

5270MHz_TX

11/05/2020

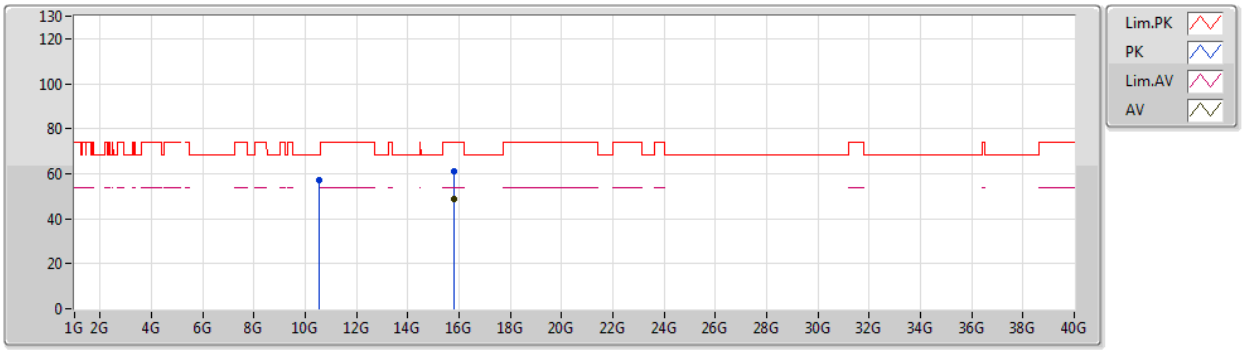


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.80028G	48.55	54.00	-5.45	20.08	3	Vertical	224	2.01	-	28.47	37.84	14.67	32.43
PK	10.54304G	56.00	68.20	-12.20	17.71	3	Vertical	360	1.73	-	38.29	39.61	12.27	34.17
PK	15.8086G	61.43	74.00	-12.57	20.05	3	Vertical	224	2.01	-	41.38	37.81	14.67	32.43

802.11n HT40_Nss1,(MCS0)_1TX

5270MHz_TX

11/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.80508G	48.73	54.00	-5.27	20.06	3	Horizontal	129	2.40	-	28.67	37.82	14.67	32.43
PK	10.54452G	57.00	68.20	-11.20	17.71	3	Horizontal	117	1.73	-	39.29	39.61	12.27	34.17
PK	15.80048G	61.09	74.00	-12.91	20.08	3	Horizontal	129	2.40	-	41.01	37.84	14.67	32.43

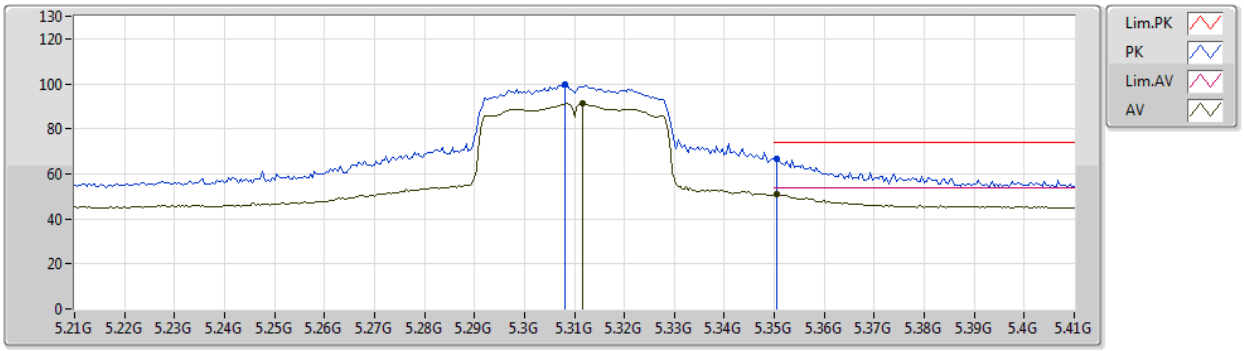
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11n HT40_Nss1,(MCS0)_1TX

26/06/2020

5310MHz_TX

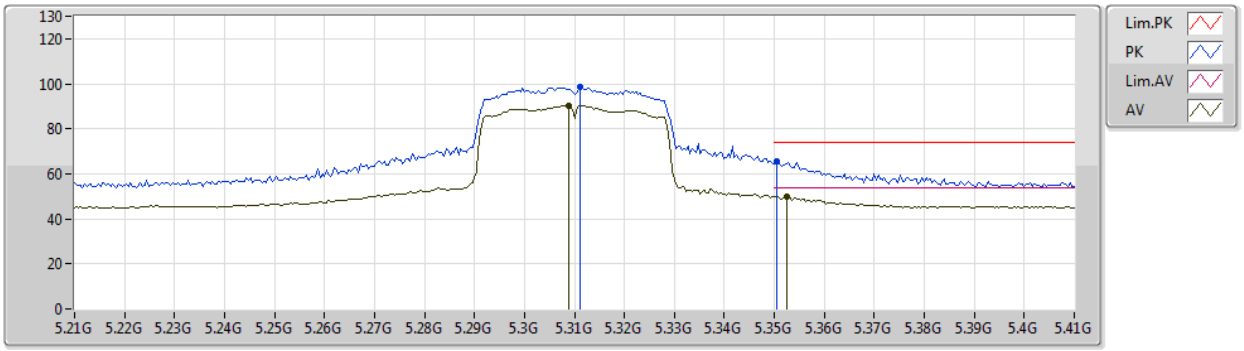


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3116G	91.13	Inf	-Inf	9.30	3	Vertical	263	1.16	-	81.83	31.25	7.40	29.35
AV	5.3504G	50.72	54.00	-3.28	9.14	3	Vertical	263	1.16	-	41.58	31.10	7.40	29.36
PK	5.308G	99.76	Inf	-Inf	9.32	3	Vertical	263	1.16	-	90.44	31.27	7.40	29.35
PK	5.3504G	66.72	74.00	-7.28	9.14	3	Vertical	263	1.16	-	57.58	31.10	7.40	29.36

802.11n HT40_Nss1,(MCS0)_1TX

5310MHz_TX

26/06/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3088G	90.43	Inf	-Inf	9.31	3	Horizontal	295	1.12	-	81.12	31.26	7.40	29.35
AV	5.3524G	49.79	54.00	-4.21	9.16	3	Horizontal	295	1.12	-	40.63	31.12	7.40	29.36
PK	5.3112G	98.49	Inf	-Inf	9.31	3	Horizontal	295	1.12	-	89.18	31.26	7.40	29.35
PK	5.3504G	65.82	74.00	-8.18	9.14	3	Horizontal	295	1.12	-	56.68	31.10	7.40	29.36

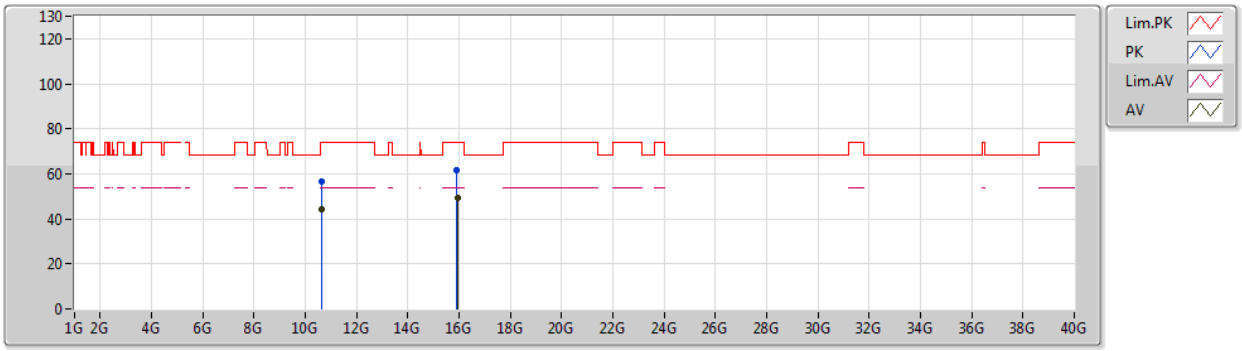
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT40_Nss1,(MCS0)_1TX

11/05/2020

5310MHz_TX

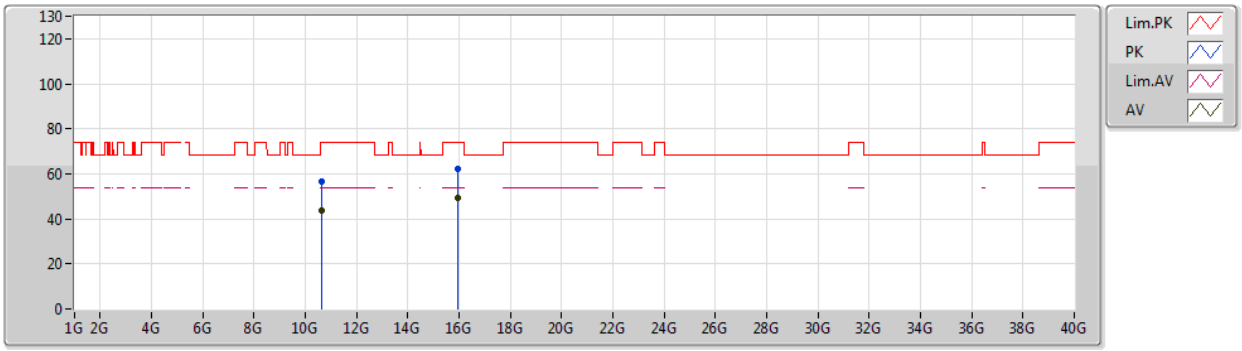


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.62044G	44.03	54.00	-9.97	17.90	3	Vertical	44	1.73	-	26.13	39.71	12.31	34.12
AV	15.9285G	49.48	54.00	-4.52	19.54	3	Vertical	240	1.57	-	29.94	37.36	14.70	32.52
PK	10.61884G	56.33	74.00	-17.67	17.89	3	Vertical	44	1.73	-	38.44	39.70	12.31	34.12
PK	15.9258G	61.74	74.00	-12.26	19.55	3	Vertical	240	1.57	-	42.19	37.37	14.70	32.52

802.11n HT40_Nss1,(MCS0)_1TX

11/05/2020

5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.62486G	43.94	54.00	-10.06	17.92	3	Horizontal	337	1.10	-	26.02	39.71	12.32	34.11
AV	15.92952G	49.21	54.00	-4.79	19.53	3	Horizontal	43	1.65	-	29.68	37.36	14.70	32.53
PK	10.62066G	56.67	74.00	-17.33	17.90	3	Horizontal	337	1.10	-	38.77	39.71	12.31	34.12
PK	15.9288G	62.20	74.00	-11.80	19.53	3	Horizontal	43	1.65	-	42.67	37.36	14.70	32.53

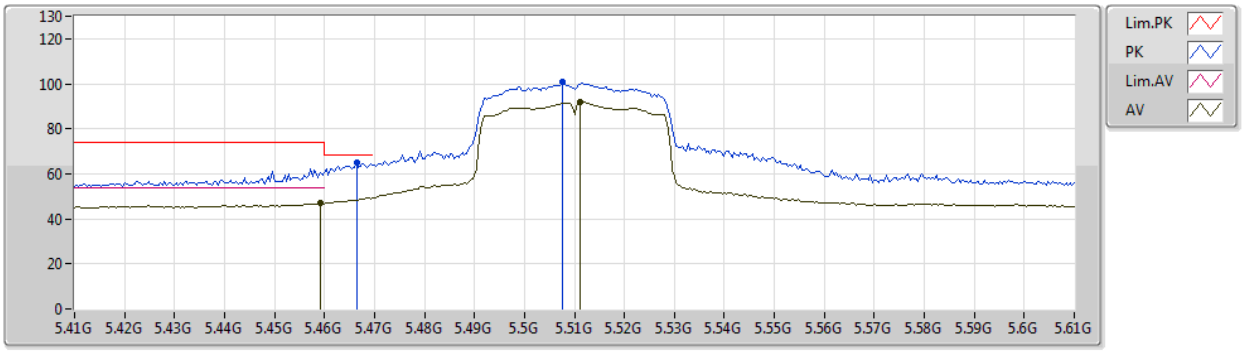
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT40_Nss1,(MCS0)_1TX

5510MHz_TX

26/06/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4592G	46.96	54.00	-7.04	9.70	3	Vertical	259	1.14	-	37.26	31.64	7.43	29.37
AV	5.5112G	91.81	Inf	-Inf	9.89	3	Vertical	259	1.14	-	81.92	31.80	7.46	29.37
PK	5.4664G	64.89	68.20	-3.31	9.73	3	Vertical	259	1.14	-	55.16	31.67	7.43	29.37
PK	5.5076G	100.70	Inf	-Inf	9.88	3	Vertical	259	1.14	-	90.82	31.80	7.45	29.37

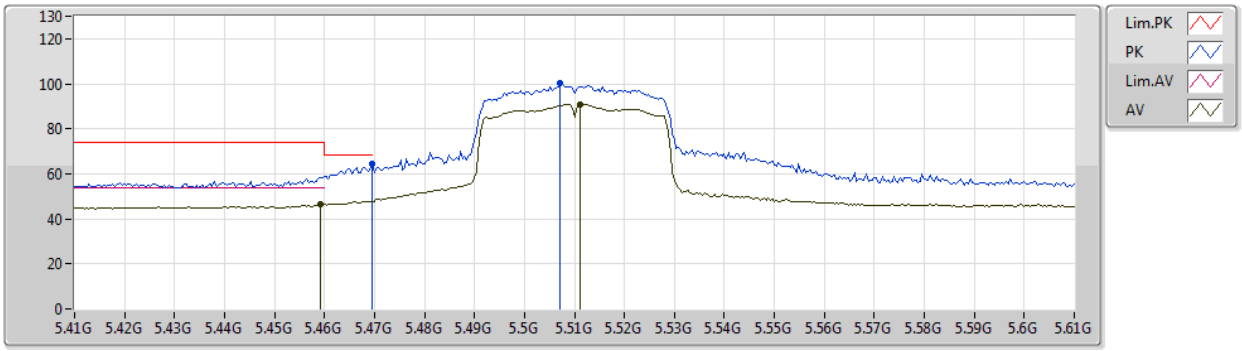
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT40_Nss1,(MCS0)_1TX

5510MHz_TX

26/06/2020

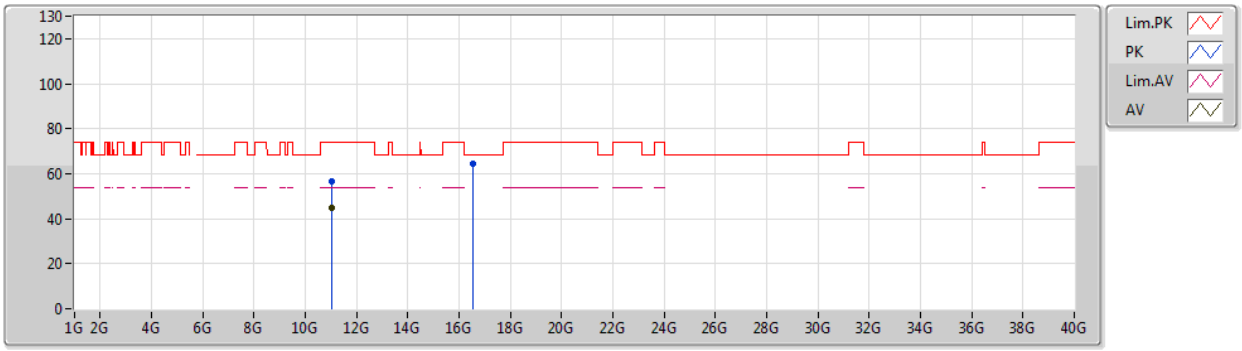


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4592G	46.33	54.00	-7.67	9.70	3	Horizontal	292	1.14	-	36.63	31.64	7.43	29.37
AV	5.5112G	90.82	Inf	-Inf	9.89	3	Horizontal	292	1.14	-	80.93	31.80	7.46	29.37
PK	5.4696G	64.25	68.20	-3.95	9.74	3	Horizontal	292	1.14	-	54.51	31.68	7.43	29.37
PK	5.5072G	100.19	Inf	-Inf	9.88	3	Horizontal	292	1.14	-	90.31	31.80	7.45	29.37

802.11n HT40_Nss1,(MCS0)_1TX

11/05/2020

5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.0227G	44.80	54.00	-9.20	18.84	3	Vertical	296	2.42	-	25.96	40.17	12.52	33.85
PK	11.02244G	56.84	74.00	-17.16	18.84	3	Vertical	296	2.42	-	38.00	40.17	12.52	33.85
PK	16.53292G	64.70	68.20	-3.50	21.64	3	Vertical	50	2.01	-	43.06	38.65	14.86	31.87

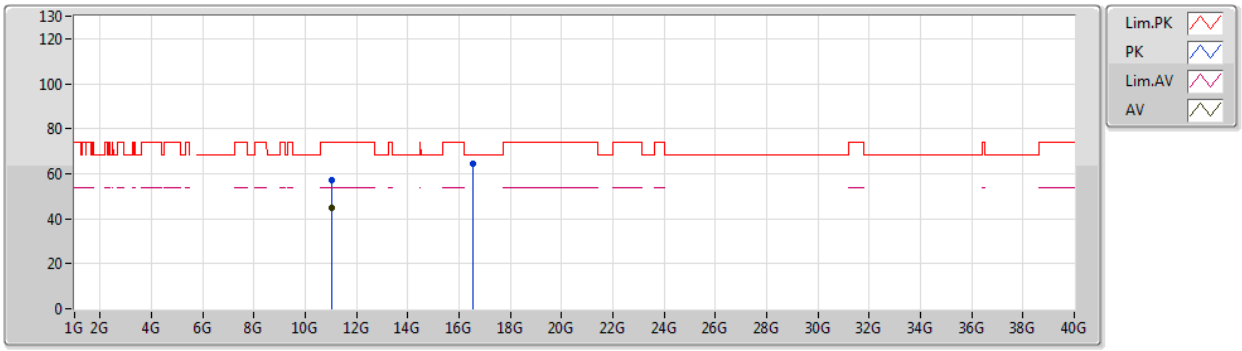
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11n HT40_Nss1,(MCS0)_1TX

11/05/2020

5510MHz_TX

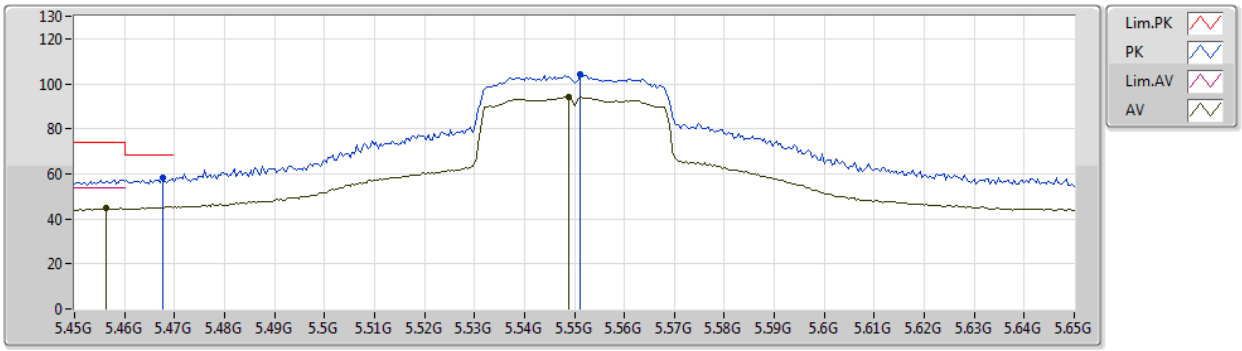


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.01756G	44.64	54.00	-9.36	18.84	3	Horizontal	333	2.26	-	25.80	40.18	12.51	33.85
PK	11.02442G	57.13	74.00	-16.87	18.84	3	Horizontal	333	2.26	-	38.29	40.17	12.52	33.85
PK	16.52784G	64.21	68.20	-3.99	21.60	3	Horizontal	200	1.76	-	42.61	38.63	14.85	31.88

802.11n HT40_Nss1,(MCS0)_1TX

11/05/2020

5550MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4564G	44.71	54.00	-9.29	6.66	3	Vertical	277	0.99	-	38.05	31.88	8.69	33.91
AV	5.5488G	94.12	Inf	-Inf	6.87	3	Vertical	277	0.99	-	87.25	31.97	8.83	33.93
PK	5.4676G	58.23	68.20	-9.97	6.69	3	Vertical	277	0.99	-	51.54	31.89	8.71	33.91
PK	5.5512G	104.02	Inf	-Inf	6.87	3	Vertical	277	0.99	-	97.15	31.97	8.83	33.93

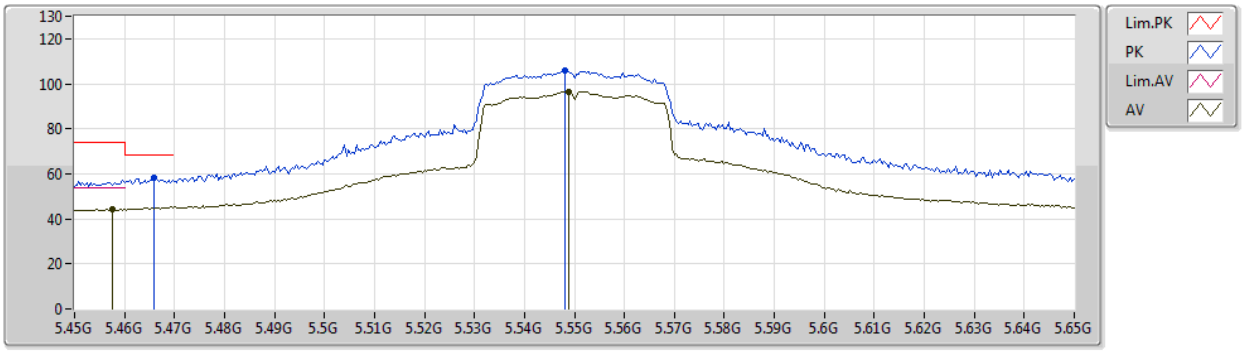
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT40_Nss1,(MCS0)_1TX

11/05/2020

5550MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4576G	44.48	54.00	-9.52	6.66	3	Horizontal	103	1.02	-	37.82	31.88	8.69	33.91
AV	5.5488G	96.44	Inf	-Inf	6.87	3	Horizontal	103	1.02	-	89.57	31.97	8.83	33.93
PK	5.466G	58.22	68.20	-9.98	6.69	3	Horizontal	103	1.02	-	51.53	31.89	8.71	33.91
PK	5.548G	105.89	Inf	-Inf	6.86	3	Horizontal	103	1.02	-	99.03	31.97	8.82	33.93

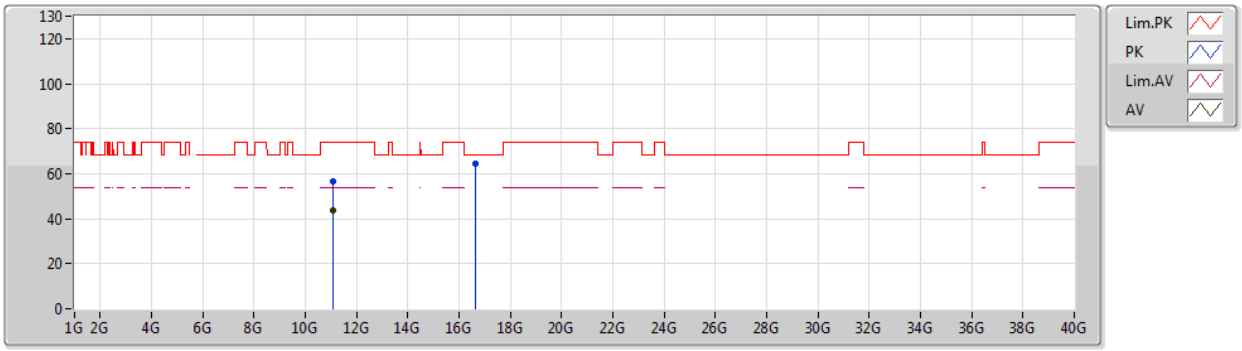
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT40_Nss1,(MCS0)_1TX

11/05/2020

5550MHz_TX

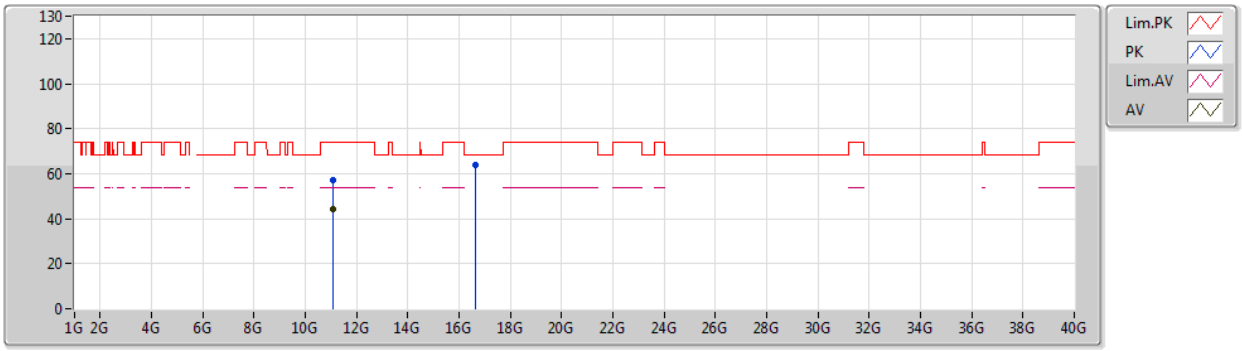


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.0951G	43.81	54.00	-10.19	18.77	3	Vertical	211	1.29	-	25.04	40.09	12.55	33.87
PK	11.1038G	56.53	74.00	-17.47	18.77	3	Vertical	211	1.29	-	37.76	40.08	12.56	33.87
PK	16.65004G	64.37	68.20	-3.83	22.16	3	Vertical	261	1.46	-	42.21	38.99	14.89	31.72

802.11n HT40_Nss1,(MCS0)_1TX

11/05/2020

5550MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.09416G	44.24	54.00	-9.76	18.77	3	Horizontal	82	2.19	-	25.47	40.09	12.55	33.87
PK	11.099G	57.07	74.00	-16.93	18.76	3	Horizontal	82	2.19	-	38.31	40.08	12.55	33.87
PK	16.64684G	64.14	68.20	-4.06	22.14	3	Horizontal	47	2.20	-	42.00	38.98	14.88	31.72

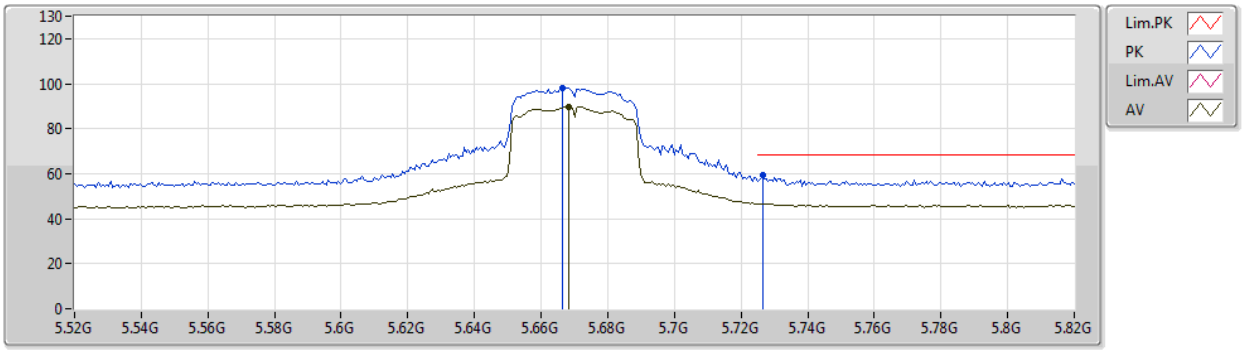
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11n HT40_Nss1,(MCS0)_1TX

5670MHz_TX

26/06/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6682G	89.92	Inf	-Inf	9.98	3	Vertical	134	2.70	-	79.94	31.77	7.57	29.36
PK	5.6664G	98.28	Inf	-Inf	9.98	3	Vertical	134	2.70	-	88.30	31.77	7.57	29.36
PK	5.7264G	59.43	68.20	-8.77	10.22	3	Vertical	134	2.70	-	49.21	31.95	7.63	29.36

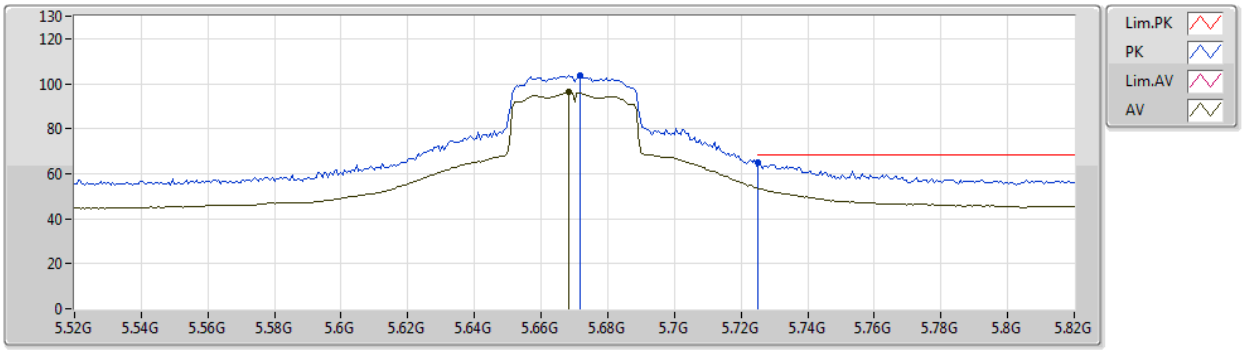
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11n HT40_Nss1,(MCS0)_1TX

5670MHz_TX

26/06/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6682G	96.16	Inf	-Inf	9.98	3	Horizontal	79	1.10	-	86.18	31.77	7.57	29.36
PK	5.6718G	103.64	Inf	-Inf	10.00	3	Horizontal	79	1.10	-	93.64	31.79	7.57	29.36
PK	5.7252G	65.01	68.20	-3.19	10.22	3	Horizontal	79	1.10	-	54.79	31.95	7.63	29.36

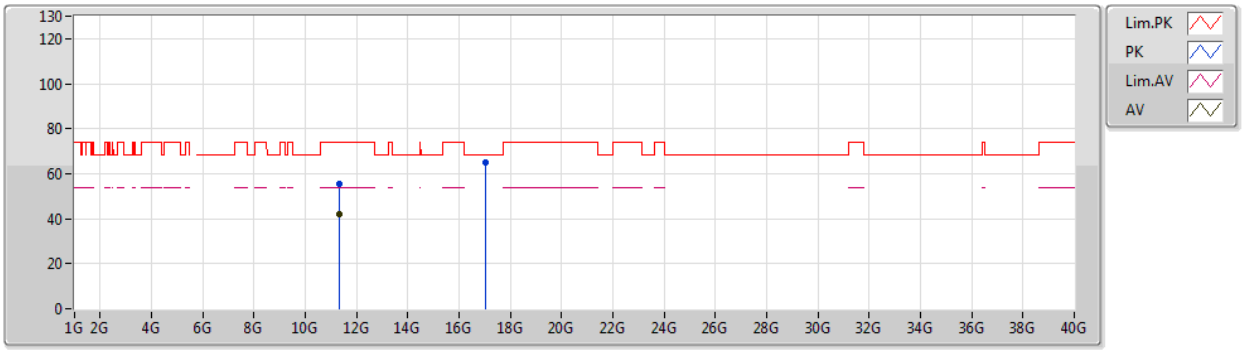
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09

802.11n HT40_Nss1,(MCS0)_1TX

5670MHz_TX

26/06/2020

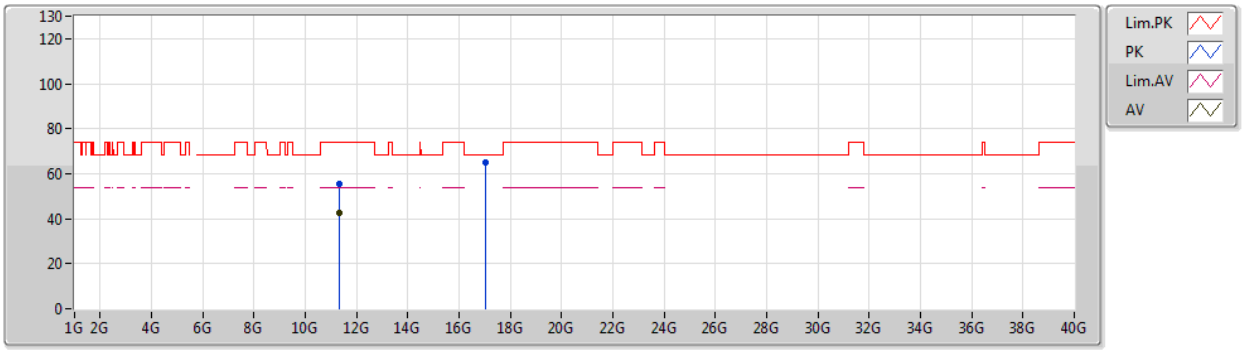


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.34189G	42.12	54.00	-11.88	19.19	3	Vertical	298	1.65	-	22.93	39.84	10.17	30.82
PK	11.34085G	55.35	74.00	-18.65	19.19	3	Vertical	298	1.65	-	36.16	39.84	10.17	30.82
PK	17.01087G	64.96	68.20	-3.24	20.92	3	Vertical	40	2.40	-	44.04	40.30	12.30	31.68

802.11n HT40_Nss1,(MCS0)_1TX

5670MHz_TX

26/06/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.34254G	42.56	54.00	-11.44	19.19	3	Horizontal	120	1.55	-	23.37	39.84	10.17	30.82
PK	11.34171G	55.68	74.00	-18.32	19.19	3	Horizontal	120	1.55	-	36.49	39.84	10.17	30.82
PK	17.01418G	65.11	68.20	-3.09	20.92	3	Horizontal	58	2.43	-	44.19	40.30	12.30	31.68

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 5N2432-09