Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	O6ZHR54R1-500
Equipment	:	Digital Satellite Receiver
Brand Name	:	DIRECTV
Model Name	:	HR54-500
Applicant	:	Humax Co., Ltd. HUMAX BLDG., 2, Yeongmun-ro, Cheoin-gu Yongin-si, Gyeonggi-do South Korea 17040
Manufacturer	:	Humax Co., Ltd. HUMAX BLDG., 2, Yeongmun-ro, Cheoin-gu Yongin-si, Gyeonggi-do South Korea 17040
Standard	:	47 CFR FCC Part 15.407

The product was received on Oct. 25, 2017, and testing was started from Oct. 31, 2017 and completed on Nov. 30, 2023. We, Sporton International Inc. Hsinchu 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. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR7O2406-03AB	01	Initial issue of report	Jan. 03, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen
Report Producer: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [8]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [3]
5725-5850		5755-5795	151-159 [2]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX
5.15-5.25GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.25-5.35GHz	802.11a	20	1TX
5.25-5.35GHz	802.11n HT20	20	2TX
5.25-5.35GHz	802.11n HT40	40	2TX
5.47-5.725GHz	802.11a	20	1TX
5.47-5.725GHz	802.11n HT20	20	2TX
5.47-5.725GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11a	20	1TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX

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.	WLAN 2.4/5GHz Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
						2.4GHz	5GHz
1	2	Airgain	N2425HMHRA-290	PCB Antenna	I-PEX	2.8	4.1
2	1	Airgain	N2425HMHRD-190	PCB Antenna	I-PEX	3.8	4.2
Ant.	**RF4CE Port**	**Brand**	**Model Name**	**Antenna Type**	**Connector**	**Gain (dBi)**	
3	1	HUMAX	HR54RF4CE_Ant1	Printed Antenna	N/A	5.2	
4	2	HUMAX	HR54RF4CE_Ant2	Printed Antenna	N/A	4.8	

Note 1: The above information was declared by manufacturer.
Note 2: The antenna is the cross-polarized antenna; it doesn't need to evaluate array gain.

<For 2.4GHz function>

For IEEE 802.11b mode <1TX/1RX>:

Only Port 1 can be used as transmitting/receiving antenna.

For IEEE 802.11g mode <1TX/1RX>:

The EUT supports the antenna with TX and RX diversity functions.

Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.

The Port 1 generated the worst case, so it was selected to test and record in the report.

For IEEE 802.11n mode <2TX/2RX>:

Port 1 and Port 2 will transmit/receive the same signal simultaneously.

Port 1 and Port 2 can be used as transmitting/receiving antennas.

<For 5GHz function>

For IEEE 802.11a mode <1TX/1RX>:

The EUT supports the antenna with TX and RX diversity functions.

Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.

The Port 1 generated the worst case, so it was selected to test and record in the report.

For IEEE 802.11n mode <2TX/2RX>:

Port 1 and Port 2 will transmit/receive the same signal simultaneously.

Port 1 and Port 2 can be used as transmitting/receiving antennas.

<For RF4CE function>

For RF4CE mode <1TX/1RX>:

The EUT supports the antenna with TX and RX diversity functions.

Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.

The Port 1 generated the worst case, so it was selected to test and record in the report.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.973	0.119	2.081m	1k
802.11n HT20	0.97	0.132	1.937m	1k
802.11n HT40	0.942	0.259	936.875u	3k

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Weather Band	☐	With 5600~5650MHz	☒	Without 5600~5650MHz
Function	☐	Outdoor P2M	☐	Indoor P2M
	☐	Fixed P2P	☒	Client
	☒	Point-to-multipoint	☐	Point-to-point
TPC Function	☒	With TPC	☐	Without TPC
Channel Puncturing Function	☐	Supported	☒	Unsupported
Test Software Version	Tera Term V.1.0.0.18			

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- FCC KDB 789033 D02 v02r01

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

- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab.：Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Gino Huang	22 / 55	Oct. 31, 2017~ Nov. 28, 2017
Radiated (below 1G)	03CH03-CB	Jackson Peng	22.2-23.3 / 56-59	Sep. 25, 2023~ Nov. 27, 2023
Radiated (above 1G-for other mode)	03CH01-CB	Gino Huang / Zero Chen / Joy Tseng	22 / 54	Oct. 31, 2017~ Nov. 25, 2017
Radiated (above 1G-for 802.11a-5580MHz/ 802.11n HT20-5825MHz/ 802.11n HT40-5795MHz)	03CH03-CB	Jackson Peng	22.2-23.3 / 56-59	Sep. 25, 2023~ Nov. 27, 2023
AC Conduction	CO01-CB	Joe Chu	22-23 / 50-51	Nov. 30, 2023

Note: The tested sample of AC Power-line Conducted Emissions, radiated below 1GHz, and radiated above 1G (802.11a-5580MHz/802.11n HT20-5825MHz/802.11n HT40-5795MHz) was received on Sep. 11, 2023.

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)

Parameter	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	87
5200MHz	91
5240MHz	92
5260MHz	90
5300MHz	85
5320MHz	85
5500MHz	85
5580MHz	93
5700MHz	85
5745MHz	99
5785MHz	99
5825MHz	99
802.11n HT20_Nss1,(MCS0)_2TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	78
5300MHz	79
5320MHz	79
5500MHz	78
5580MHz	76
5700MHz	77
5745MHz	99
5785MHz	99
5825MHz	99
802.11n HT40_Nss1,(MCS0)_2TX	-
5190MHz	65
5230MHz	80
5270MHz	79
5310MHz	69
5510MHz	66
5550MHz	80
5670MHz	79
5755MHz	99
5795MHz	99

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
There are three modes of EUT, one is CTX - 2.4GHz, another is CTX - 5GHz, and the other is CTX - RF4CE. CTX - 2.4GHz mode has been evaluated to be the worst case after evaluating. So the AC power-line conducted emissions test will follow this same test configuration.	
1	CTX - 2.4GHz

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power 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. There are three modes of EUT, one is CTX - 2.4GHz, another is CTX - 5GHz, and the other is CTX - RF4CE. CTX - 5GHz mode has been evaluated to be the worst case after evaluating. So the Emissions in Restricted Frequency Bands test will follow this same test configuration 2. After evaluating, the worst case was found at Z axis, so it was selected to perform test and its test result was written in the report.	
1	CTX-EUT in Z axis-5GHz
Operating Mode > 1GHz	CTX
	After evaluating, the worst case was found at Z axis, so it was selected to perform test and its test result was written in the report.
1	EUT in Z axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + RF4CE
2	WLAN 5GHz + RF4CE
Refer to Sporton Test Report No.: FA7O2406-03 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	DIRECTV	EPS44R3-15	INPUT: 120V~1.3A, 60Hz OUTPUT: 12V, 4A, 48W
Equipment Name	**Brand Name**	**Part Number**	**Rating**
Hard Disk	SEAGATE	1SD102-500	-

2.5 Support Equipment

For AC Conduction:

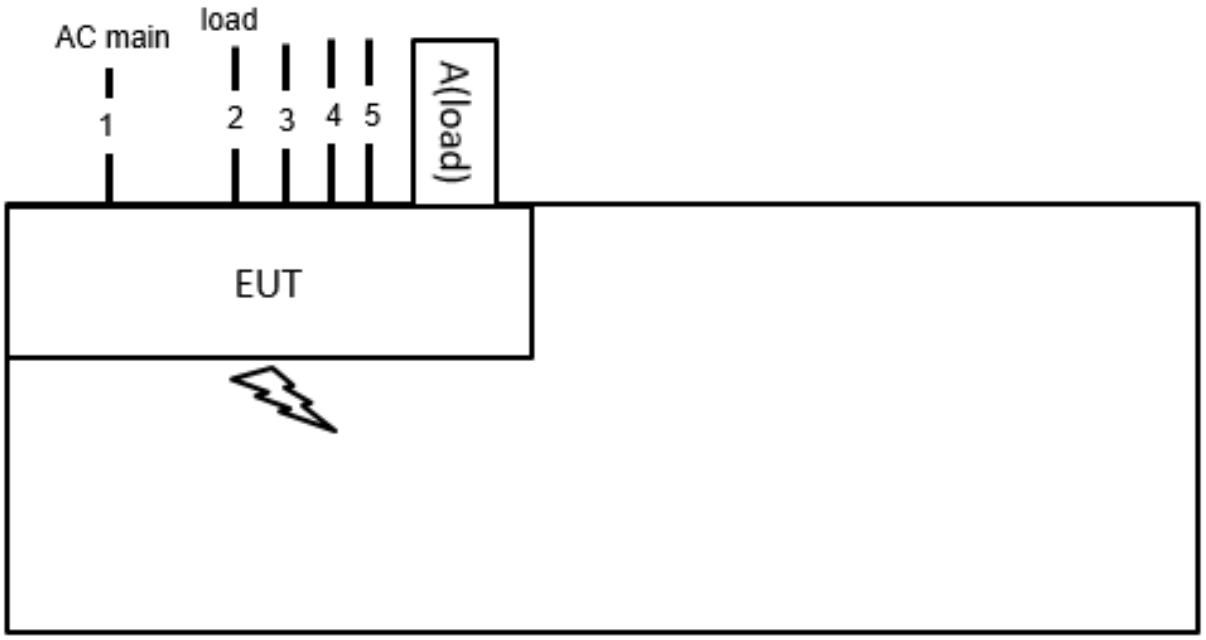
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Flash disk3.0	Transcend	JetFlash-700	N/A

For Radiated and RF Conducted:

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

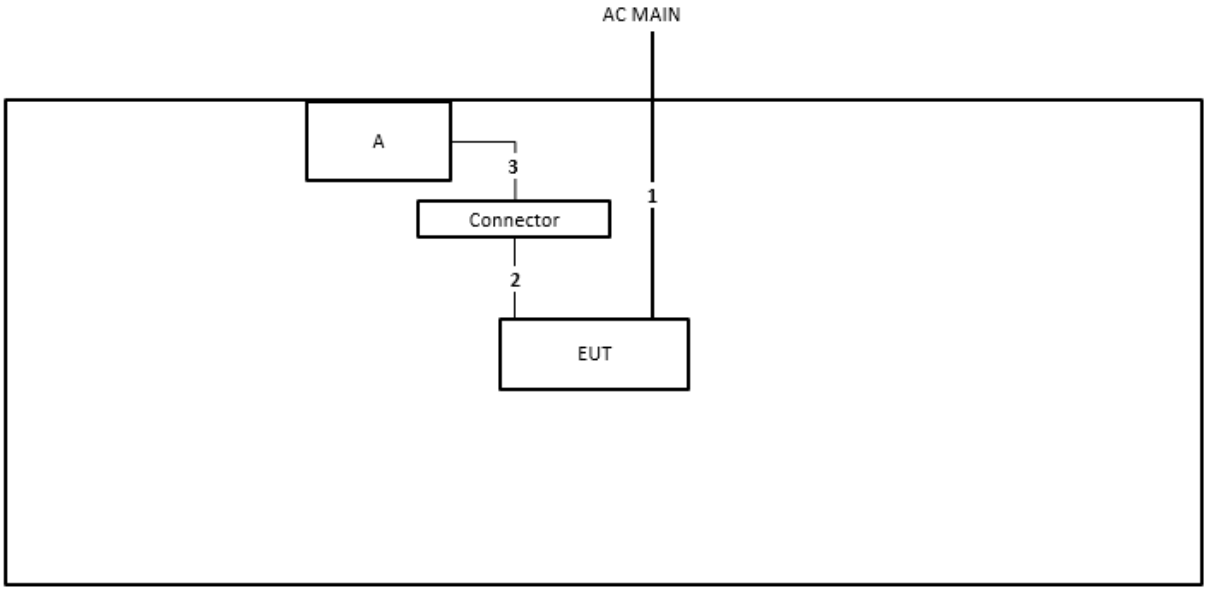
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	3.1m
2	RJ-45 cable	No	1.5m
3	Coaxial cable	Yes	1.5m
4	HDMI cable	Yes	1.5m
5	Optical fiber cable	No	1.5m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	Power cable	No	3.1m
2	Console to RS232	No	1.5m
3	RS232 to USB cable	No	1m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

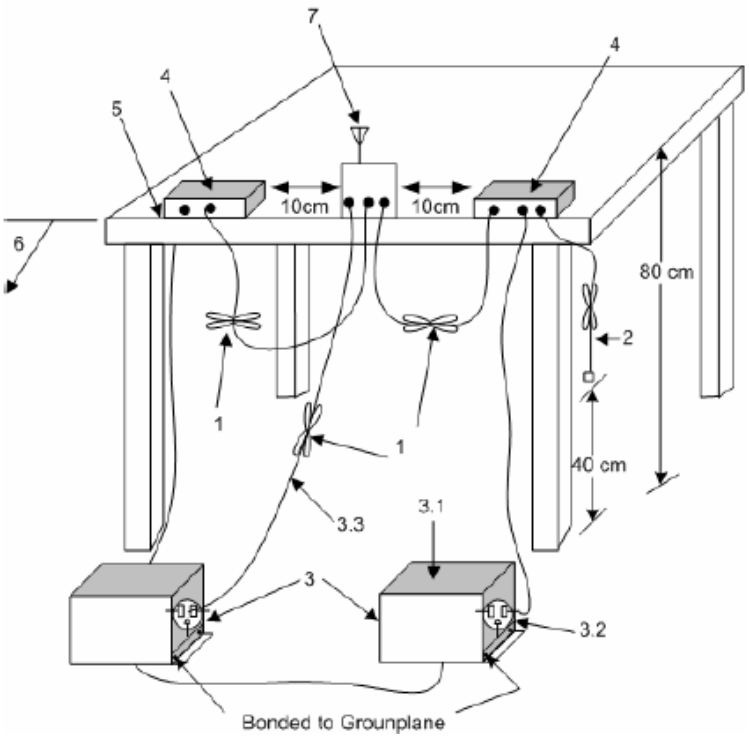
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 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, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

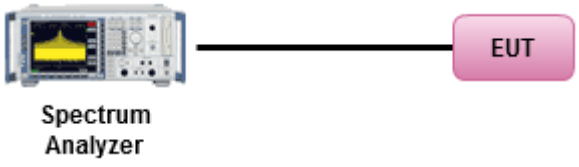
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method		
▪	For the emission bandwidth shall be measured using one of the options below:	
	☒	Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
	☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
	☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

Maximum 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.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	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.	

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
	Average over on/off periods with duty factor
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033 D02, 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 FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒	For conducted measurement.
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC 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]) $EIRP_{total} = P_{total} + DG$
☐	For radiated measurement.
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup

Conducted Measurement (Power Meter)


3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 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.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	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.	

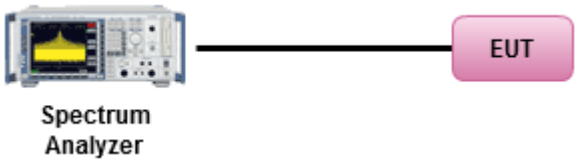
3.4.2 Measuring Instruments

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

3.4.3 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 FCC KDB 789033 D02, 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% or external video / power trigger]	
	☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
	☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor	
	☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐	Refer as FCC KDB 789033 D02, 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:
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC 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.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪	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]) $EIRP_{total} = PPSD_{total} + DG$
☐	For radiated measurement.	
	▪	Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪	Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup

Conducted Measurement


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter 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	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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).

3.5.2 Measuring Instruments

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

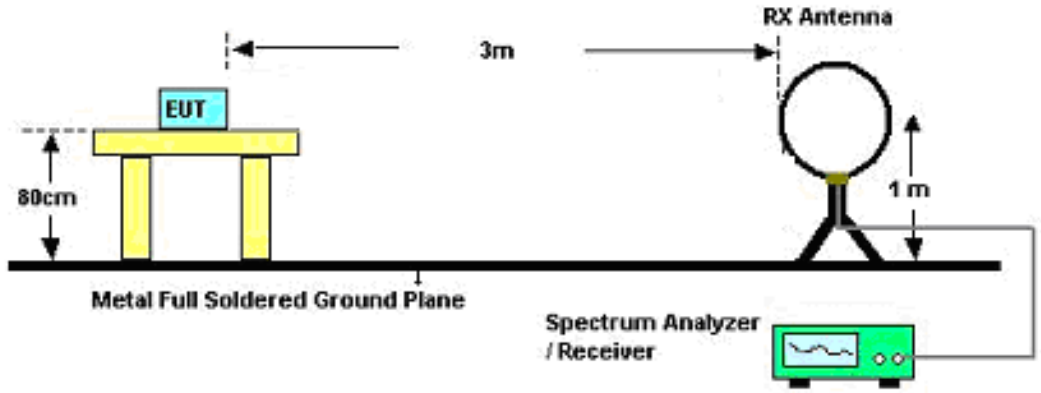
3.5.3 Test Procedures

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 FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.		
	▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.		
		☐ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).	
		☒ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).	
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.	
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.	
		☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.	
		☐ Refer as 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.			

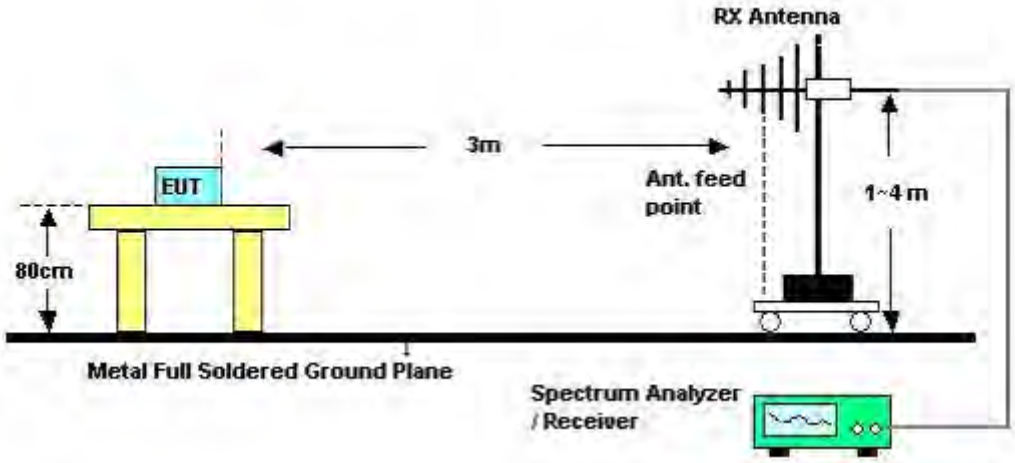
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

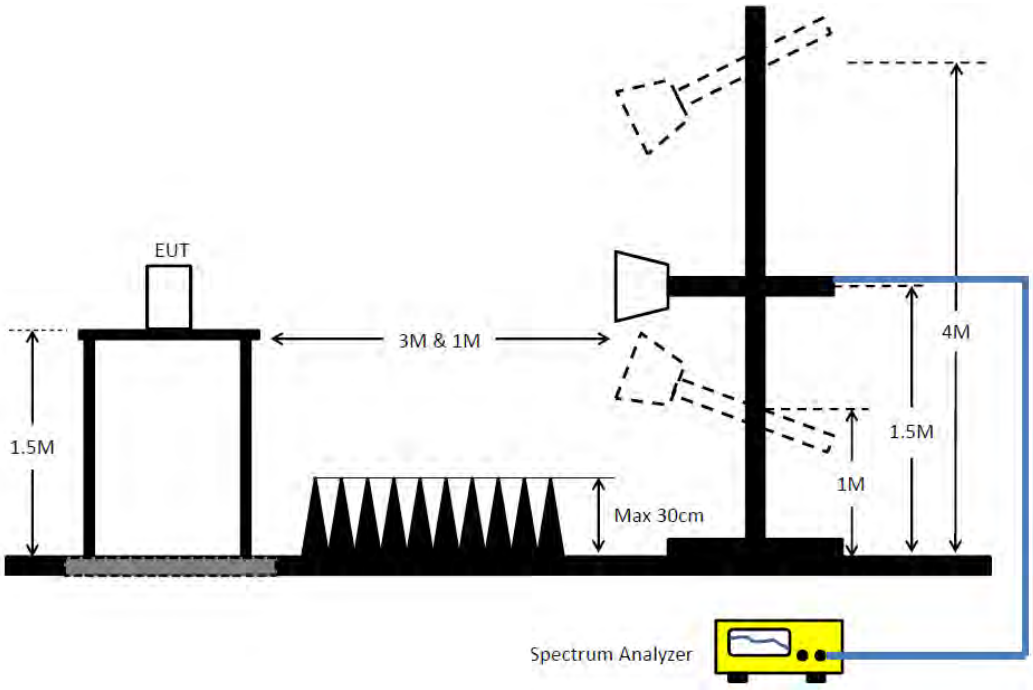
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 20, 2023	Feb. 19, 2024	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 16, 2023	Feb. 15, 2024	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 27, 2023	Apr. 26, 2024	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 09, 2023	Feb. 08, 2024	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 23, 2023	Mar. 22, 2024	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 17, 2023	Jan. 16, 2024	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 04, 2023	May 03, 2024	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	2928 & AT-N0608	20MHz ~ 2GHz	Feb. 19, 2023	Feb. 18, 2024	Radiation (03CH03-CB)
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~18GHz	Feb. 03, 2023	Feb. 02, 2024	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 09, 2023	Jan. 08, 2024	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20230109-3	18~40GHz	Jan. 13, 2023	Jan. 12, 2024	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 12, 2023	Jun. 11, 2024	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 30, 2017	Aug. 29, 2018	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016	Mar. 15, 2018	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 27, 2017	Apr. 26, 2018	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 05, 2017	Jul. 04, 2018	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2017	May 01, 2018	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 16, 2017	Jan. 15, 2018	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 10, 2017	Jul. 09, 2018	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSV40	101024	9kHz ~ 40GHz	Aug. 31, 2017	Aug. 30, 2018	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100355	9kHz ~ 2.75GHz	May 06, 2017	May 05, 2018	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)

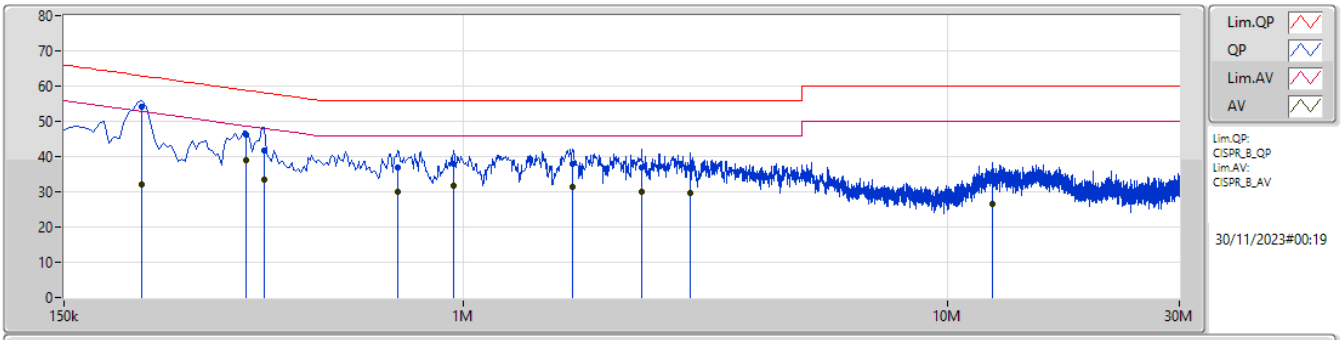
Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 26, 2016	Dec. 25, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz–26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz–26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz–26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz–26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz–26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY54320015	50MHz~18GHz	Apr. 24, 2017	Apr. 23, 2018	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.

Summary

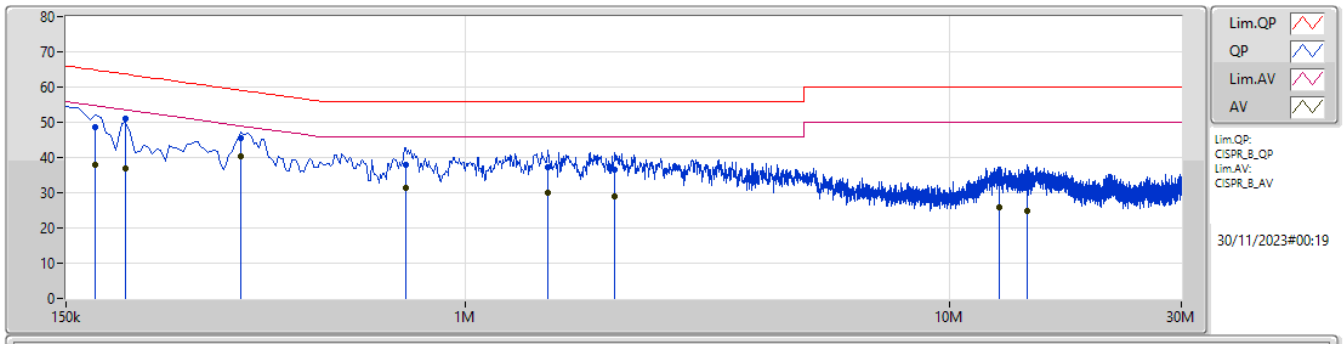
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	217.5k	54.08	62.92	-8.84	Line

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	217.5k	54.08	62.92	-8.84	9.96	Line	"Worst"	44.12	0.08	0.02	9.86
AV	217.5k	32.22	52.92	-20.70	9.96	Line	-	22.26	0.08	0.02	9.86
QP	357k	46.30	58.79	-12.49	10.00	Line	-	36.30	0.09	0.02	9.89
AV	357k	39.01	48.79	-9.78	10.00	Line	-	29.01	0.09	0.02	9.89
QP	388.5k	41.81	58.10	-16.29	10.01	Line	-	31.80	0.09	0.02	9.90
AV	388.5k	33.60	48.10	-14.50	10.01	Line	-	23.59	0.09	0.02	9.90
QP	730.5k	36.90	56.00	-19.10	10.01	Line	-	26.89	0.10	0.01	9.90
AV	730.5k	29.85	46.00	-16.15	10.01	Line	-	19.84	0.10	0.01	9.90
QP	955.5k	37.83	56.00	-18.17	10.02	Line	-	27.81	0.11	0.01	9.90
AV	955.5k	31.82	46.00	-14.18	10.02	Line	-	21.80	0.11	0.01	9.90
QP	1.68M	37.95	56.00	-18.05	10.08	Line	-	27.87	0.13	0.05	9.90
AV	1.68M	31.21	46.00	-14.79	10.08	Line	-	21.13	0.13	0.05	9.90
QP	2.333M	36.95	56.00	-19.05	10.14	Line	-	26.81	0.15	0.09	9.90
AV	2.333M	30.10	46.00	-15.90	10.14	Line	-	19.96	0.15	0.09	9.90
QP	2.94M	36.43	56.00	-19.57	10.18	Line	-	26.25	0.16	0.11	9.91
AV	2.94M	29.57	46.00	-16.43	10.18	Line	-	19.39	0.16	0.11	9.91
QP	12.377M	33.20	60.00	-26.80	10.39	Line	-	22.81	0.27	0.16	9.96
AV	12.377M	26.64	50.00	-23.36	10.39	Line	-	16.25	0.27	0.16	9.96

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	172.5k	48.58	64.83	-16.25	9.96	Neutral	-	38.62	0.07	0.02	9.87
AV	172.5k	37.77	54.83	-17.06	9.96	Neutral	-	27.81	0.07	0.02	9.87
QP	199.5k	50.96	63.63	-12.67	9.95	Neutral	-	41.01	0.07	0.02	9.86
AV	199.5k	36.89	53.63	-16.74	9.95	Neutral	-	26.94	0.07	0.02	9.86
QP	343.5k	45.40	59.12	-13.72	9.98	Neutral	-	35.42	0.07	0.02	9.89
AV	343.5k	40.26	49.12	-8.86	9.98	Neutral	"Worst"	30.28	0.07	0.02	9.89
QP	753k	37.78	56.00	-18.22	9.99	Neutral	-	27.79	0.08	0.01	9.90
AV	753k	31.29	46.00	-14.71	9.99	Neutral	-	21.30	0.08	0.01	9.90
QP	1.482M	37.18	56.00	-18.82	10.03	Neutral	-	27.15	0.09	0.04	9.90
AV	1.482M	29.92	46.00	-16.08	10.03	Neutral	-	19.89	0.09	0.04	9.90
QP	2.031M	36.43	56.00	-19.57	10.07	Neutral	-	26.36	0.10	0.07	9.90
AV	2.031M	29.10	46.00	-16.90	10.07	Neutral	-	19.03	0.10	0.07	9.90
QP	12.651M	32.76	60.00	-27.24	10.37	Neutral	-	22.39	0.25	0.16	9.96
AV	12.651M	25.98	50.00	-24.02	10.37	Neutral	-	15.61	0.25	0.16	9.96
QP	14.406M	31.49	60.00	-28.51	10.42	Neutral	-	21.07	0.26	0.18	9.98
AV	14.406M	24.92	50.00	-25.08	10.42	Neutral	-	14.50	0.26	0.18	9.98

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	31.15M	16.767M	16M8D1D	25.975M	16.667M
802.11n HT20_Nss1,(MCS0)_2TX	22.875M	17.741M	17M7D1D	21.15M	17.691M
802.11n HT40_Nss1,(MCS0)_2TX	44.65M	36.182M	36M2D1D	39.6M	36.032M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	28.525M	16.642M	16M6D1D	25.975M	16.617M
802.11n HT20_Nss1,(MCS0)_2TX	21.7M	17.791M	17M8D1D	20.85M	17.691M
802.11n HT40_Nss1,(MCS0)_2TX	44.8M	36.182M	36M2D1D	41.85M	36.082M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	30.925M	16.767M	16M8D1D	24.725M	16.567M
802.11n HT20_Nss1,(MCS0)_2TX	20.875M	16.667M	16M7D1D	20.55M	16.542M
802.11n HT40_Nss1,(MCS0)_2TX	48.75M	36.182M	36M2D1D	39.9M	36.032M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.35M	19.29M	19M3D1D	16.3M	18.066M
802.11n HT20_Nss1,(MCS0)_2TX	17.55M	22.939M	22M9D1D	17.25M	19.59M
802.11n HT40_Nss1,(MCS0)_2TX	35.3M	39.53M	39M5D1D	35M	37.181M

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

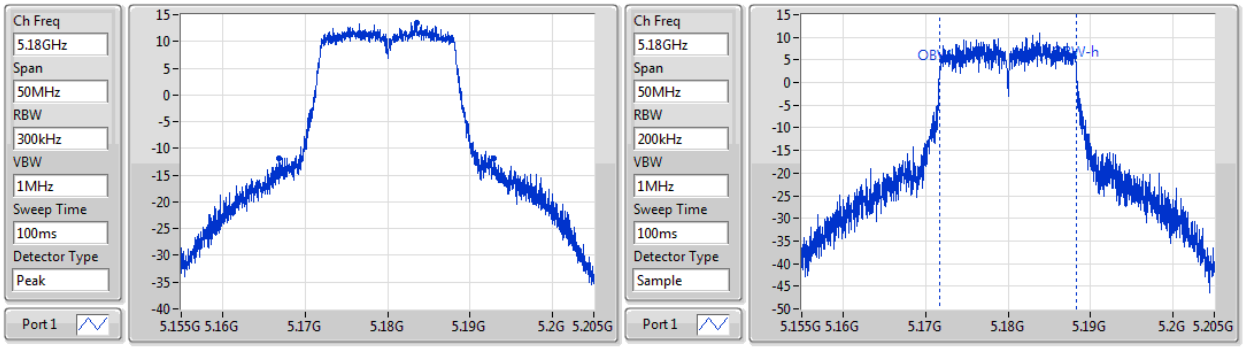
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	Inf	25.975M	16.667M		
5200MHz	Pass	Inf	30.05M	16.717M		
5240MHz	Pass	Inf	31.15M	16.767M		
5260MHz	Pass	Inf	28.525M	16.642M		
5300MHz	Pass	Inf	25.975M	16.617M		
5320MHz	Pass	Inf	28.3M	16.642M		
5500MHz	Pass	Inf	24.725M	16.567M		
5580MHz	Pass	Inf	30.925M	16.767M		
5700MHz	Pass	Inf	25.95M	16.642M		
5745MHz	Pass	500k	16.3M	18.066M		
5785MHz	Pass	500k	16.35M	18.766M		
5825MHz	Pass	500k	16.325M	19.29M		
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.2M	17.691M	21.15M	17.691M
5200MHz	Pass	Inf	22.55M	17.691M	22.875M	17.741M
5240MHz	Pass	Inf	22.75M	17.691M	21.2M	17.716M
5260MHz	Pass	Inf	21.25M	17.791M	21.075M	17.716M
5300MHz	Pass	Inf	21.7M	17.691M	21.075M	17.766M
5320MHz	Pass	Inf	21.4M	17.741M	20.85M	17.716M
5500MHz	Pass	Inf	20.575M	16.567M	20.875M	16.592M
5580MHz	Pass	Inf	20.725M	16.542M	20.65M	16.667M
5700MHz	Pass	Inf	20.825M	16.617M	20.55M	16.592M
5745MHz	Pass	500k	17.525M	19.59M	17.25M	21.014M
5785MHz	Pass	500k	17.275M	20.315M	17.525M	22.214M
5825MHz	Pass	500k	17.275M	21.064M	17.55M	22.939M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	44.65M	36.032M	39.7M	36.182M
5230MHz	Pass	Inf	42.4M	36.182M	39.6M	36.082M
5270MHz	Pass	Inf	43.8M	36.082M	44.8M	36.132M
5310MHz	Pass	Inf	42.35M	36.082M	41.85M	36.182M
5510MHz	Pass	Inf	42.35M	36.032M	39.9M	36.032M
5550MHz	Pass	Inf	45.25M	36.132M	41.85M	36.132M
5670MHz	Pass	Inf	48.75M	36.132M	42.05M	36.182M
5755MHz	Pass	500k	35.3M	37.481M	35M	37.181M
5795MHz	Pass	500k	35.1M	39.53M	35.05M	37.781M

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

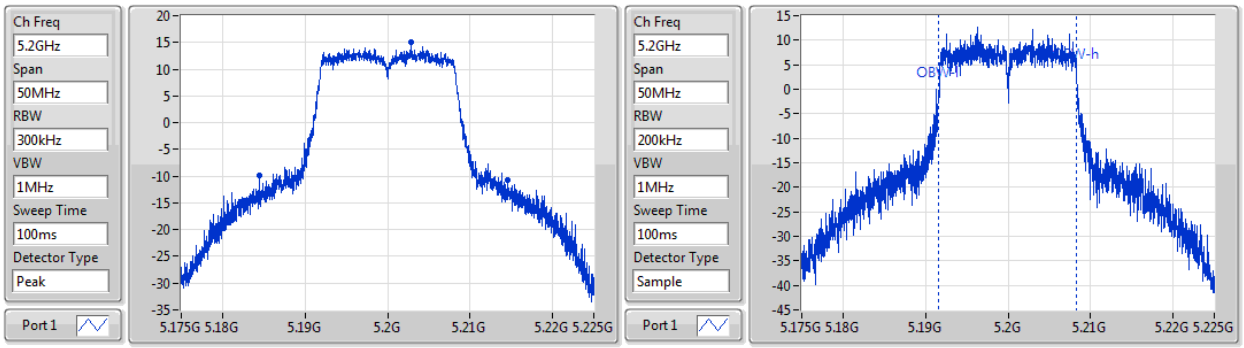
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.975M	5.1669G	5.192875G	16.667M	5.171679G	5.188346G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

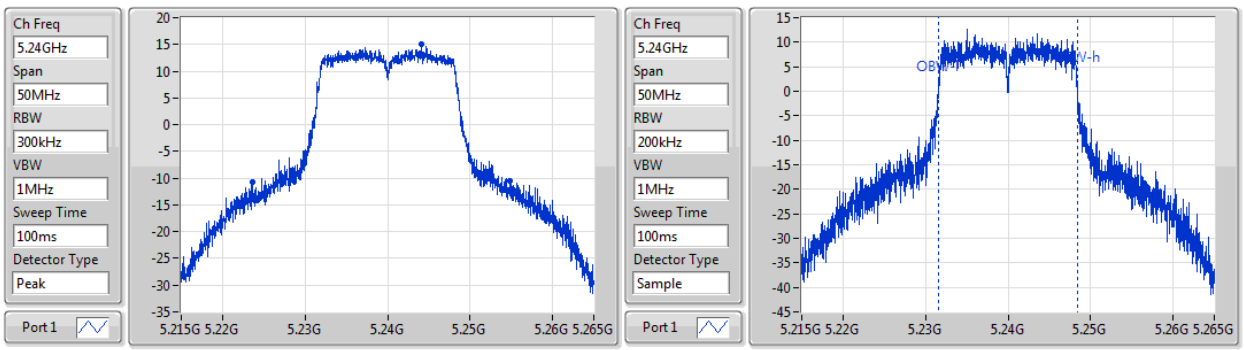
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.05M	5.184525G	5.214575G	16.717M	5.191629G	5.208346G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

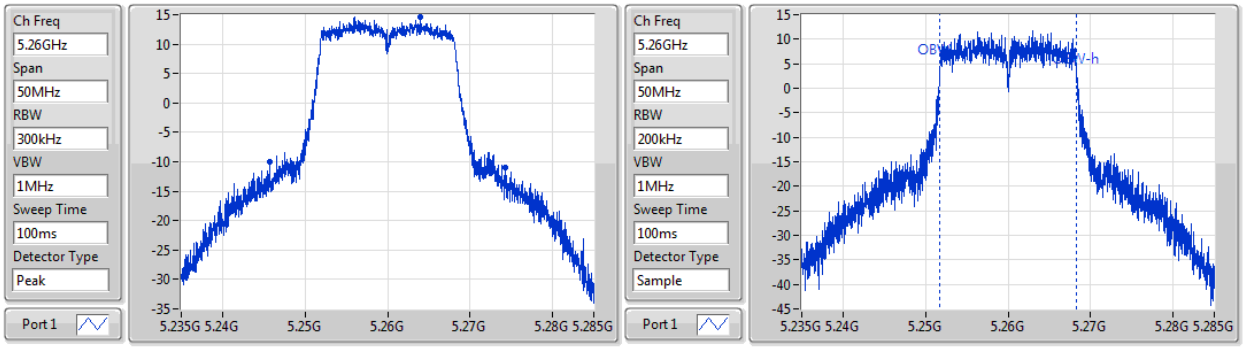
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.15M	5.223625G	5.254775G	16.767M	5.231604G	5.248371G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

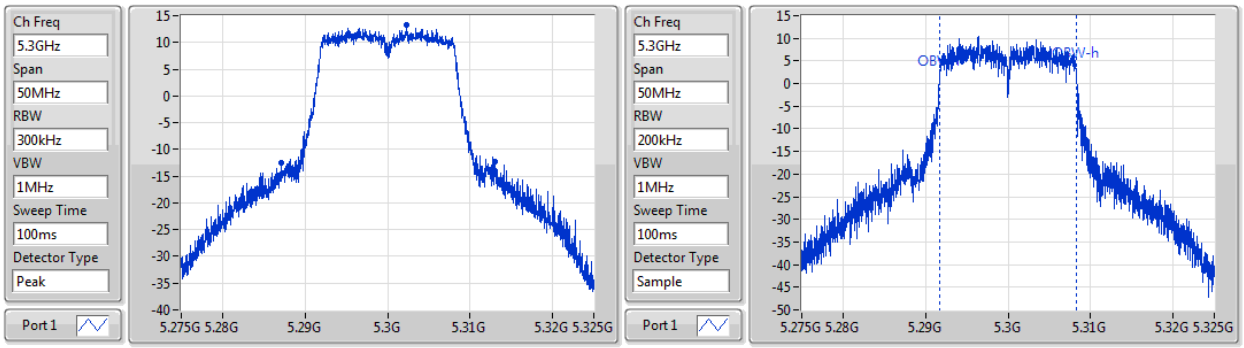
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.525M	5.2457G	5.274225G	16.642M	5.251704G	5.268346G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

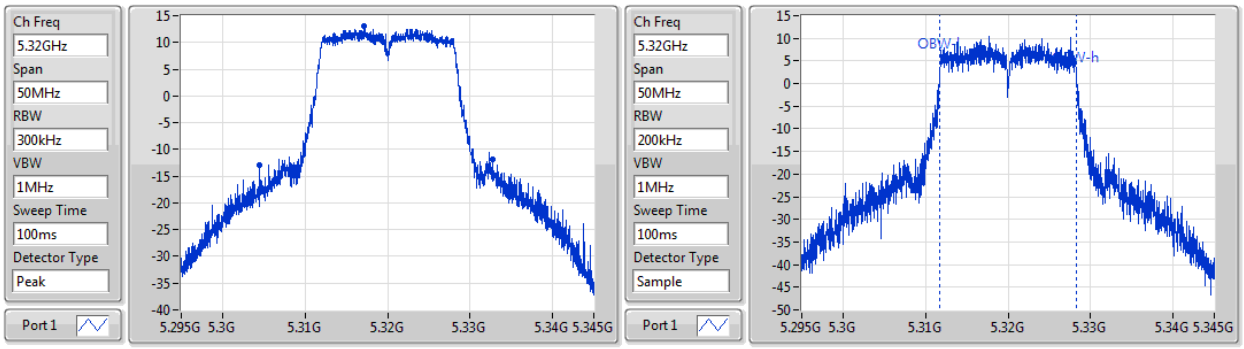
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.975M	5.2871G	5.313075G	16.617M	5.291679G	5.308296G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

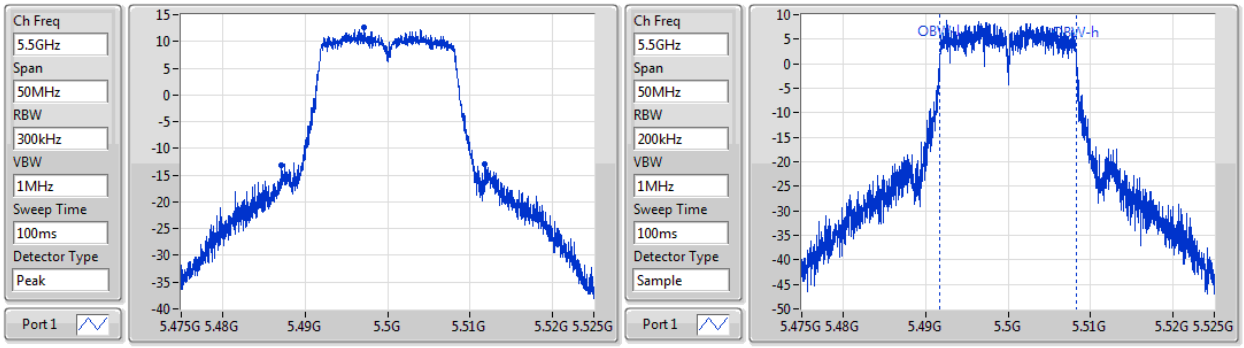
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.3M	5.3045G	5.3328G	16.642M	5.311704G	5.328346G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

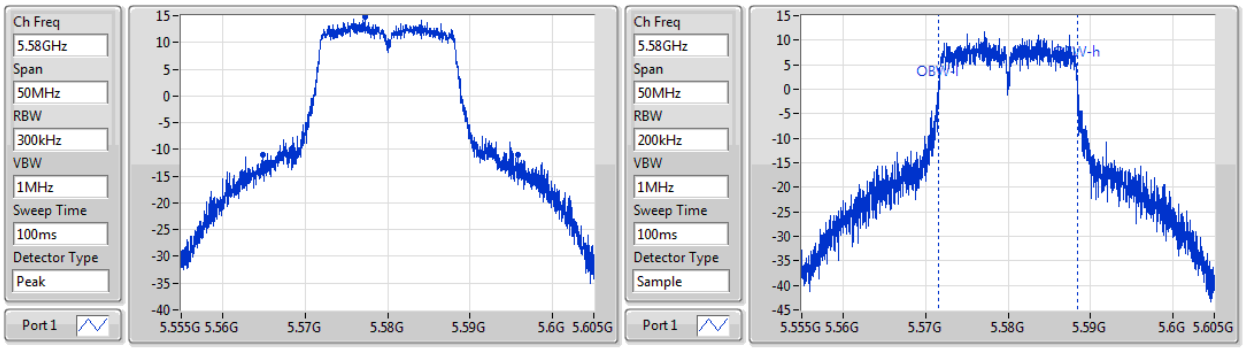
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.725M	5.4871G	5.511825G	16.567M	5.491729G	5.508296G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

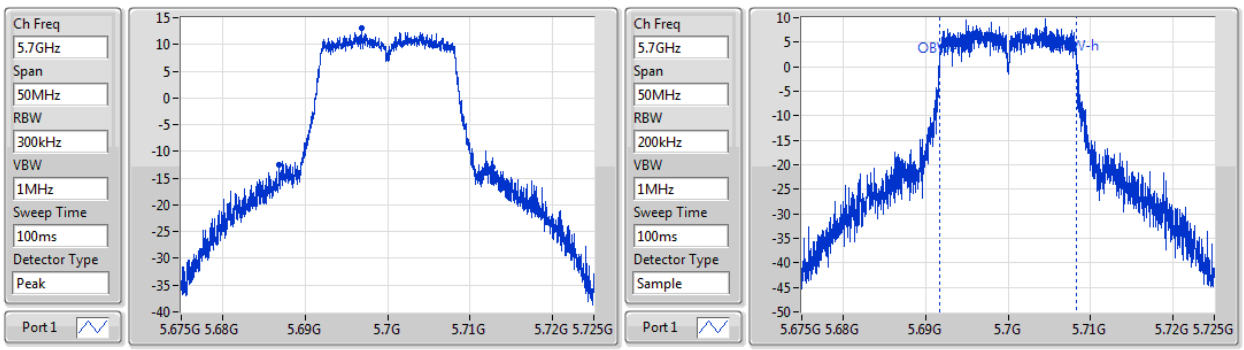
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.925M	5.564875G	5.5958G	16.767M	5.571629G	5.588396G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

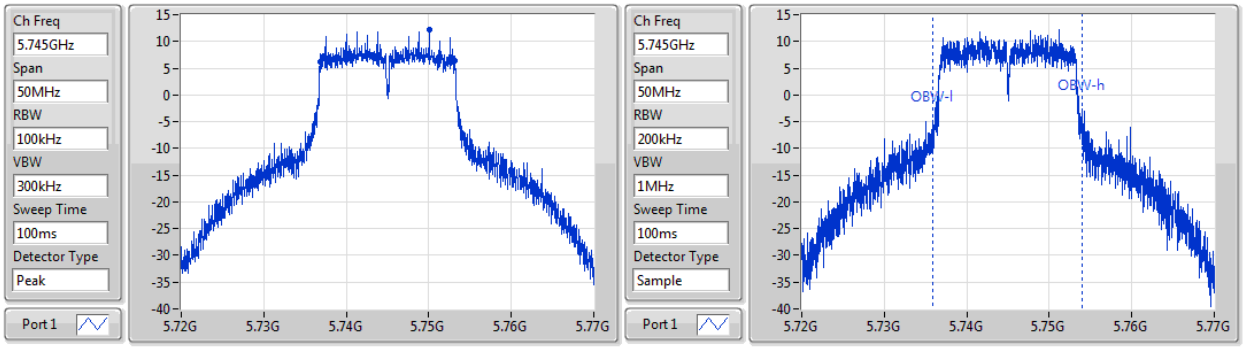
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.95M	5.68685G	5.7128G	16.642M	5.691704G	5.708346G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

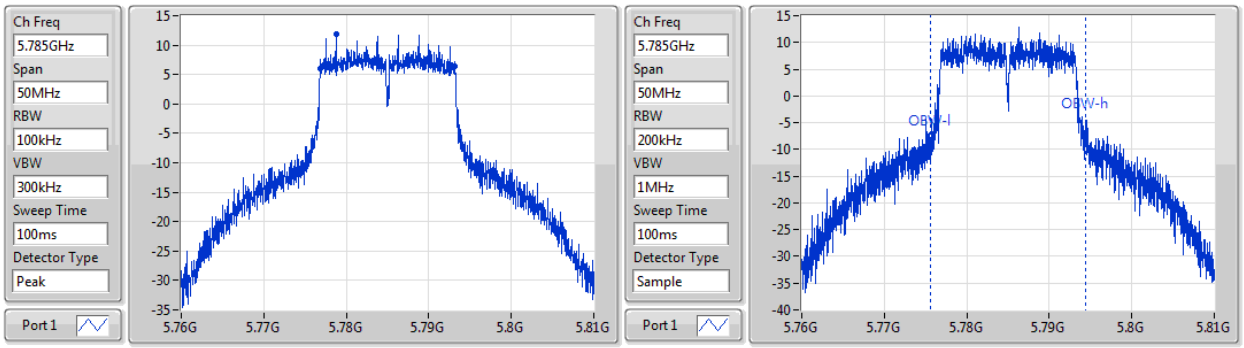
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.736875G	5.753175G	18.066M	5.73593G	5.753996G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

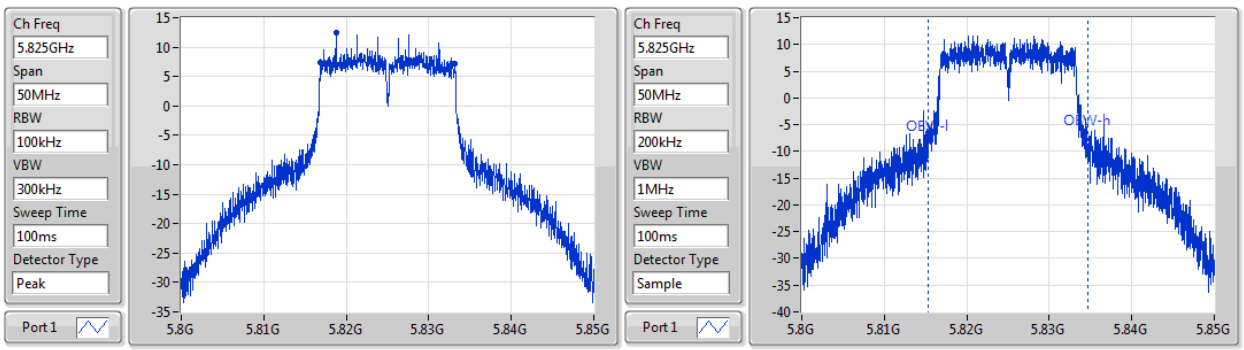
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.77685G	5.7932G	18.766M	5.775605G	5.79437G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

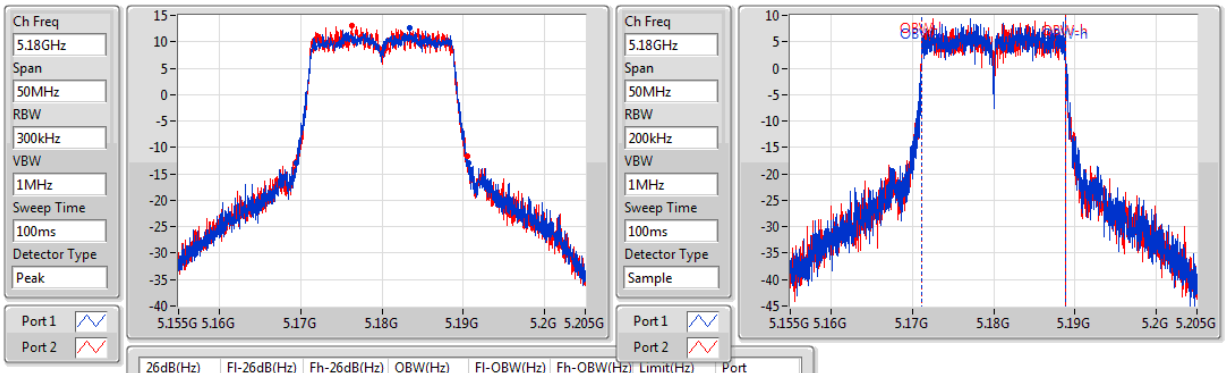
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	5.816875G	5.8332G	19.29M	5.81533G	5.83462G	500k	1

802.11n HT20_Nss1,(MCS0)_2TX EBW

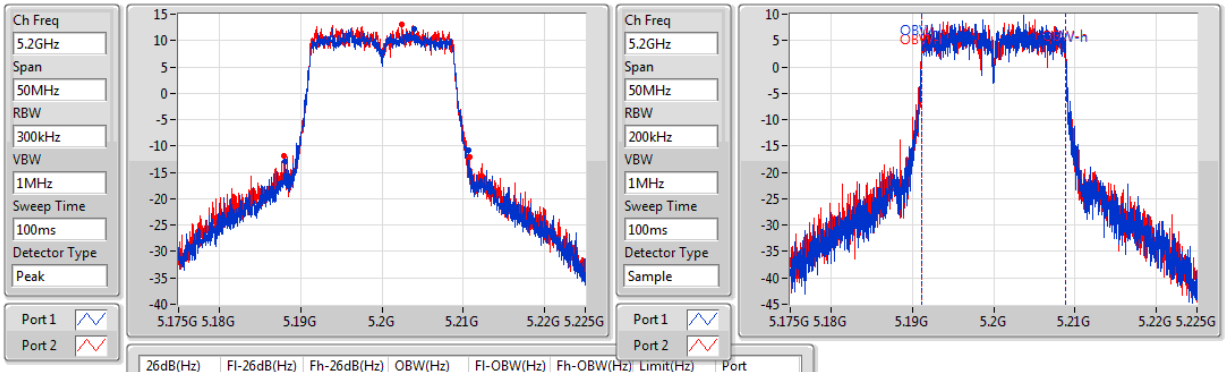
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.2M	5.1695G	5.1907G	17.691M	5.171179G	5.188871G	Inf	1
21.15M	5.169375G	5.190525G	17.691M	5.171154G	5.188846G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

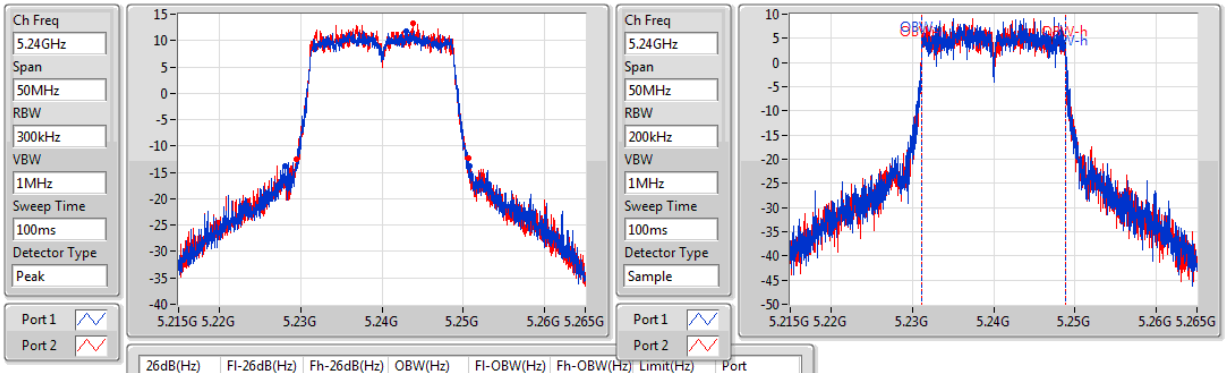
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.55M	5.1881G	5.21065G	17.691M	5.191154G	5.208846G	Inf	1
22.875M	5.187925G	5.2108G	17.741M	5.191129G	5.208871G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

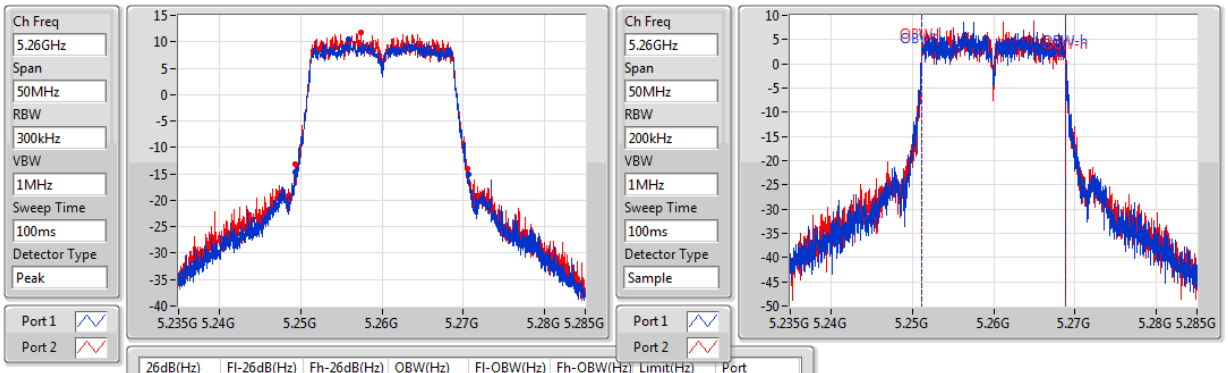
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.75M	5.22805G	5.2508G	17.691M	5.231179G	5.248871G	Inf	1
21.2M	5.22945G	5.25065G	17.716M	5.231154G	5.248871G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

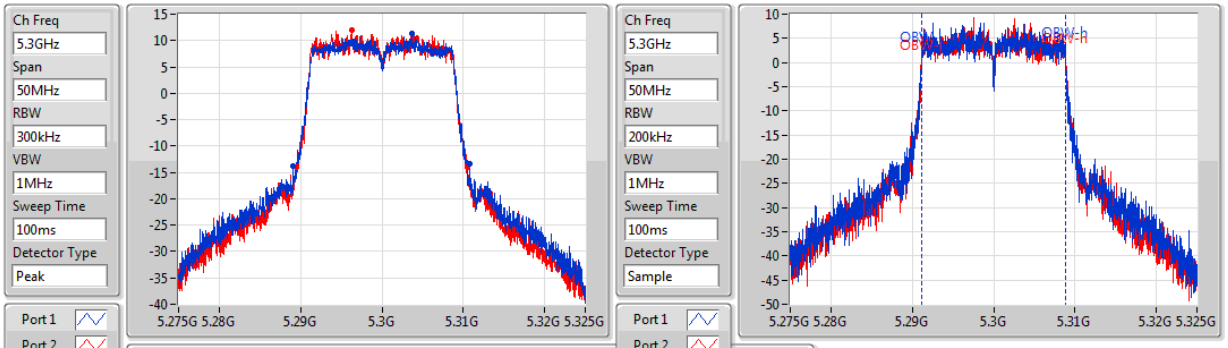
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.25M	5.249375G	5.270625G	17.791M	5.251104G	5.268896G	Inf	1
21.075M	5.2494G	5.270475G	17.716M	5.251154G	5.268871G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

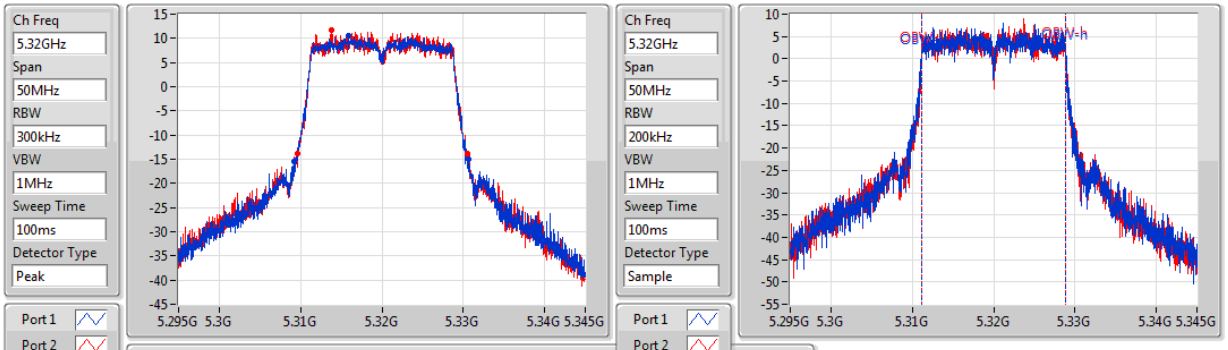
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.7M	5.289075G	5.310775G	17.691M	5.291154G	5.308846G	Inf	1
21.075M	5.289425G	5.3105G	17.766M	5.291129G	5.308896G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

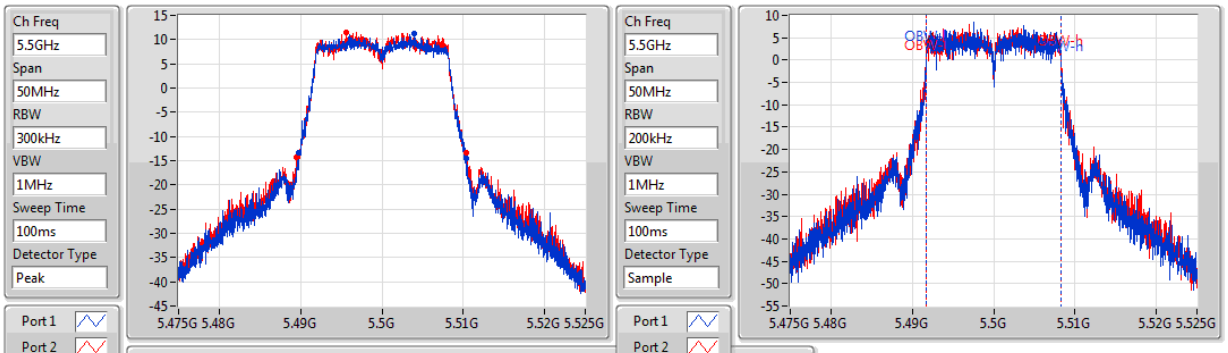
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.4M	5.309275G	5.330675G	17.741M	5.311129G	5.328871G	Inf	1
20.85M	5.3096G	5.33045G	17.716M	5.311154G	5.328871G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

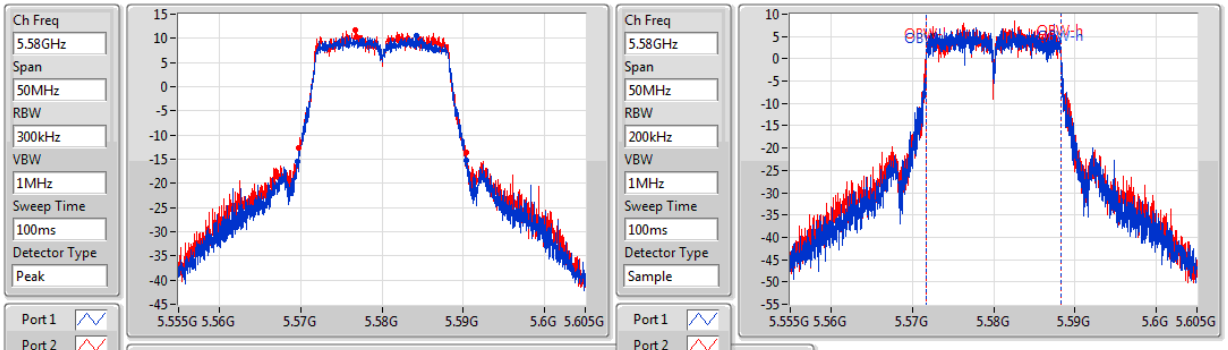
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.575M	5.489775G	5.51035G	16.567M	5.491704G	5.508271G	Inf	1
20.875M	5.48955G	5.510425G	16.592M	5.491704G	5.508296G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

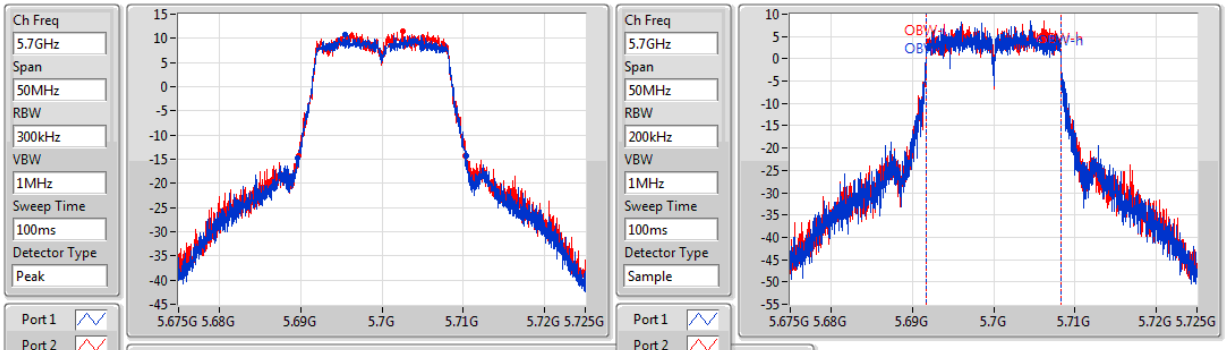
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.725M	5.56965G	5.590375G	16.542M	5.571754G	5.588296G	Inf	1
20.65M	5.569725G	5.590375G	16.667M	5.571654G	5.588321G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

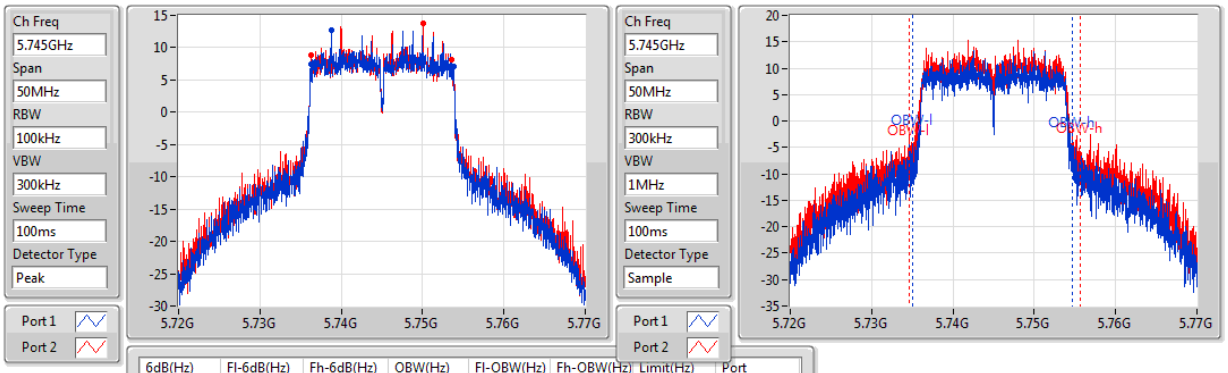
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.825M	5.689575G	5.7104G	16.617M	5.691679G	5.708296G	Inf	1
20.55M	5.68975G	5.7103G	16.592M	5.691679G	5.708271G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

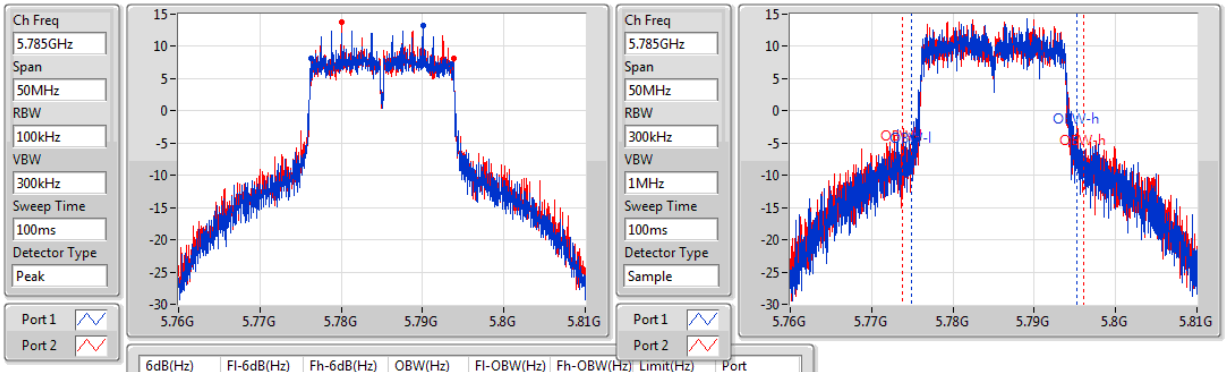
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	5.73625G	5.753775G	19.59M	5.735055G	5.754645G	500k	1
17.25M	5.736275G	5.753525G	21.014M	5.73463G	5.755645G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

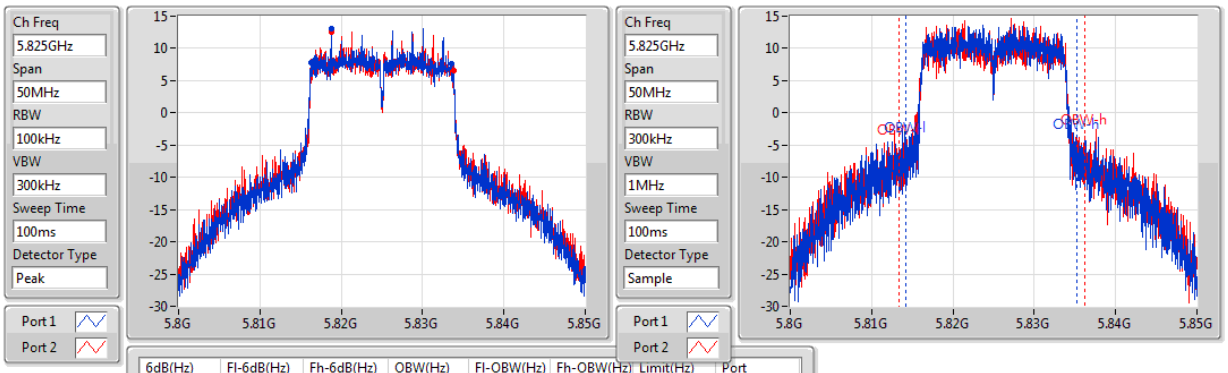
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.275M	5.776275G	5.79355G	20.315M	5.774855G	5.79517G	500k	1
17.525M	5.776275G	5.7938G	22.214M	5.773806G	5.796019G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

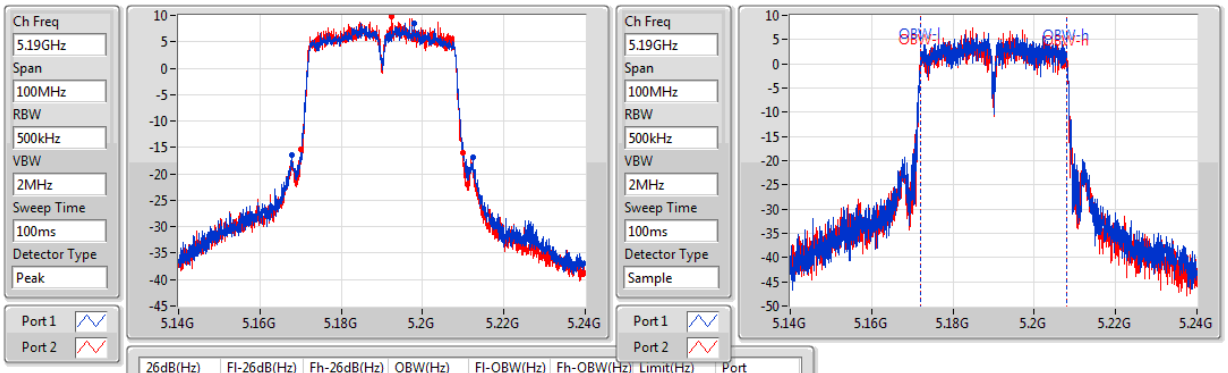
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.275M	5.81625G	5.833525G	21.064M	5.81423G	5.835295G	500k	1
17.55M	5.81625G	5.8338G	22.939M	5.813331G	5.836269G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

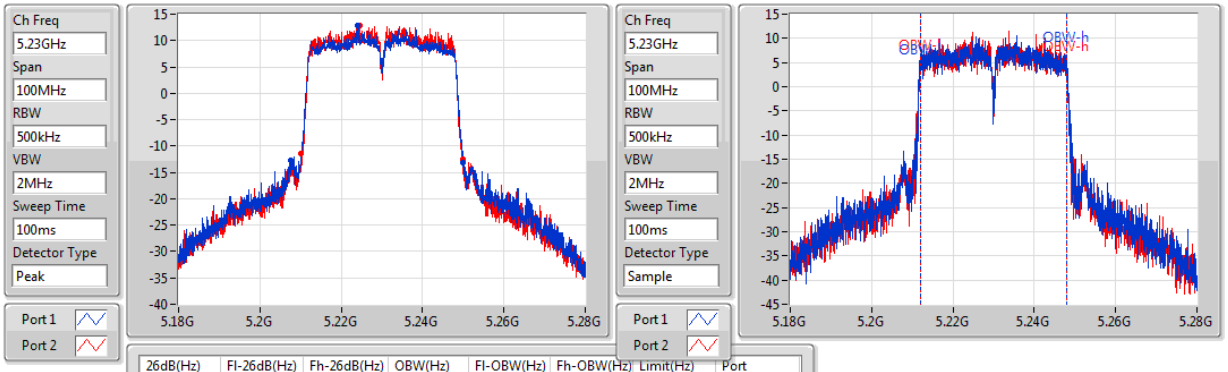
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.65M	5.16785G	5.2125G	36.032M	5.172009G	5.208041G	Inf	1
39.7M	5.1701G	5.2098G	36.182M	5.171909G	5.208091G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

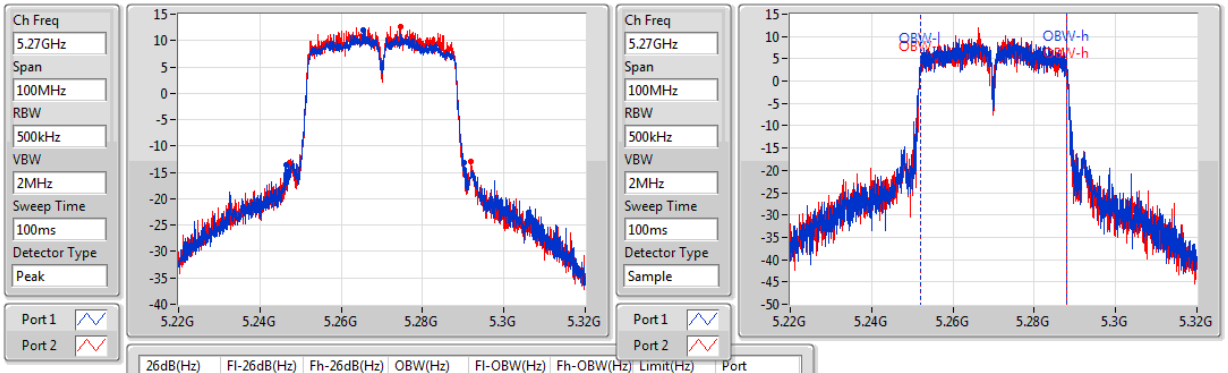
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.4M	5.2076G	5.25G	36.182M	5.211909G	5.248091G	Inf	1
39.6M	5.2102G	5.2498G	36.082M	5.211909G	5.247991G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

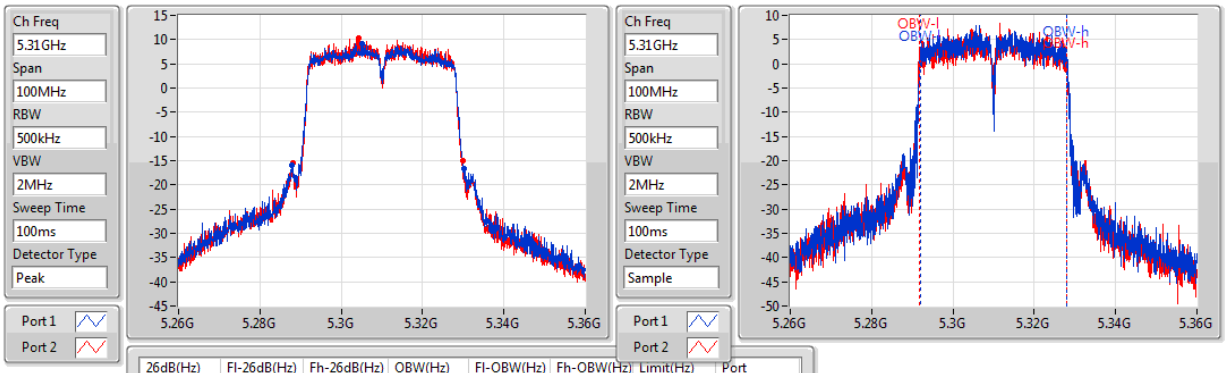
5270MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.8M	5.24635G	5.29015G	36.082M	5.251959G	5.288041G	Inf	1
44.8M	5.2472G	5.292G	36.132M	5.251909G	5.288041G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

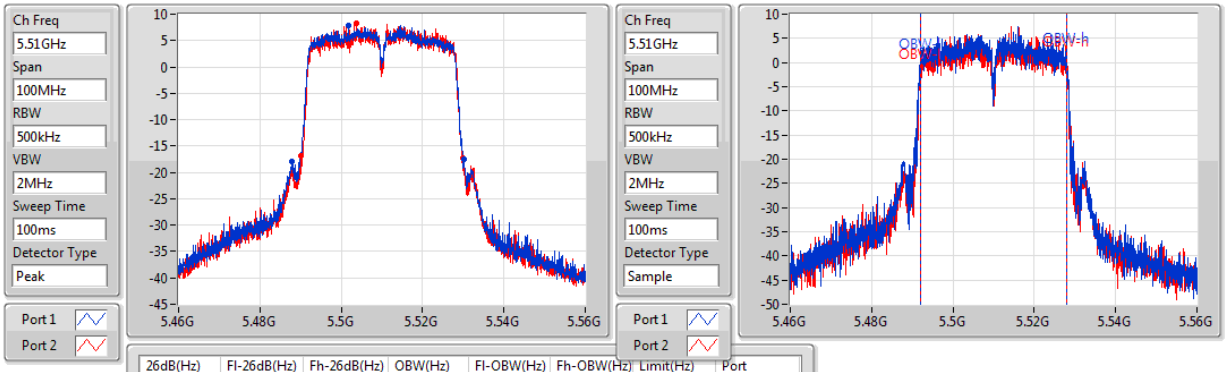
5310MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.35M	5.28785G	5.3302G	36.082M	5.291959G	5.328041G	Inf	1
41.85M	5.28805G	5.3299G	36.182M	5.291809G	5.327991G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

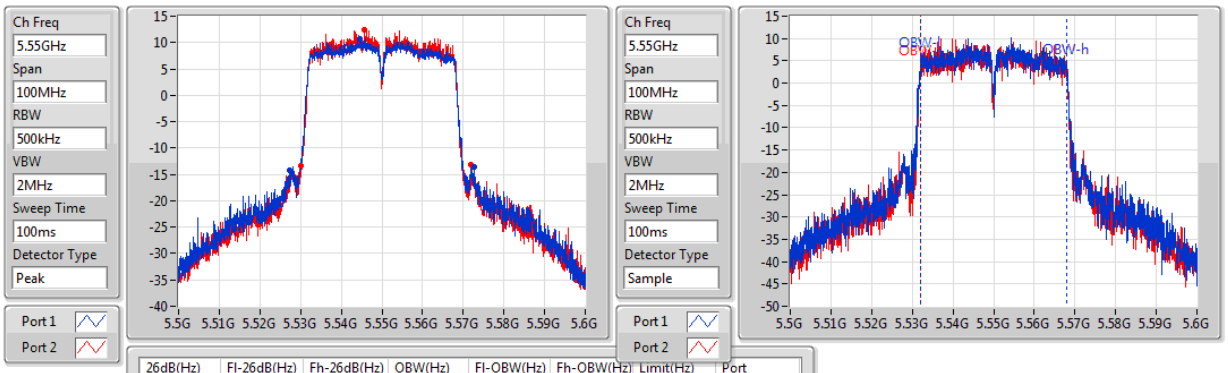
5510MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.35M	5.48785G	5.5302G	36.032M	5.491959G	5.527991G	Inf	1
39.9M	5.4901G	5.53G	36.032M	5.492009G	5.528041G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

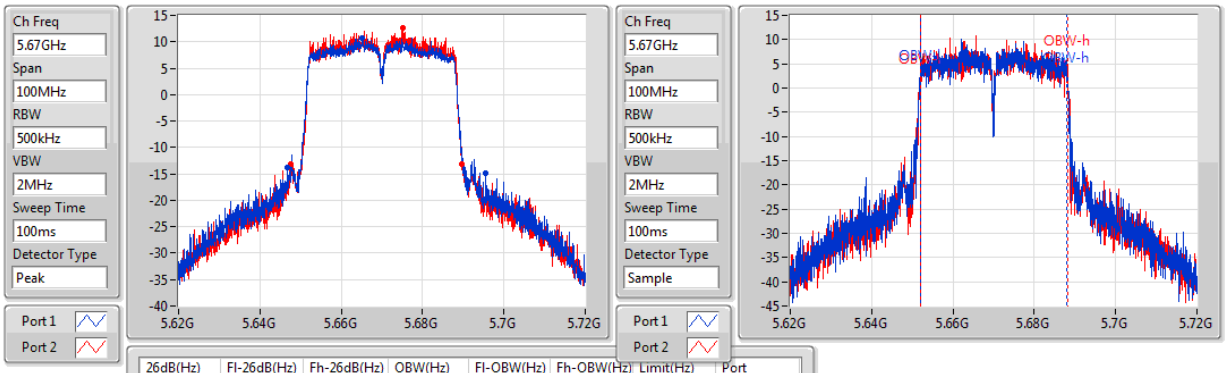
5550MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.25M	5.52735G	5.5726G	36.132M	5.531909G	5.568041G	Inf	1
41.85M	5.52995G	5.5718G	36.132M	5.531909G	5.568041G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

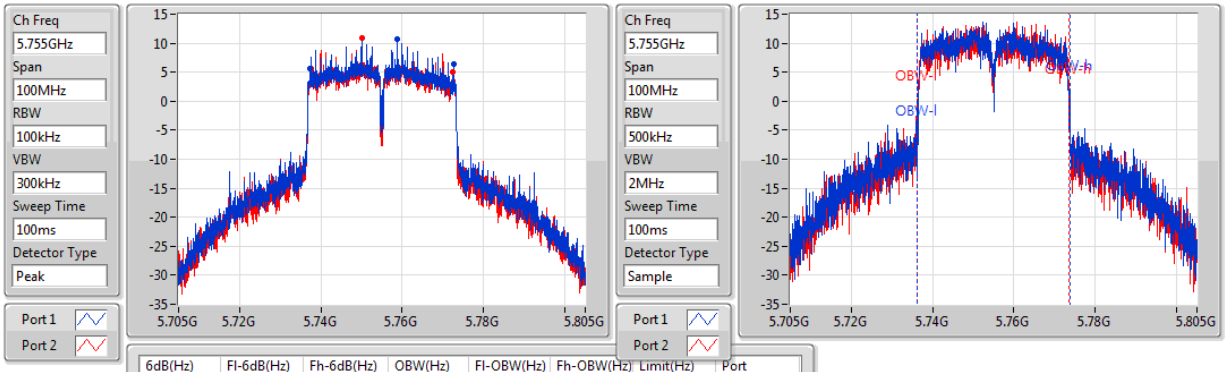
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
48.75M	5.6467G	5.69545G	36.132M	5.651959G	5.688091G	Inf	1
42.05M	5.6477G	5.68975G	36.182M	5.651959G	5.688141G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

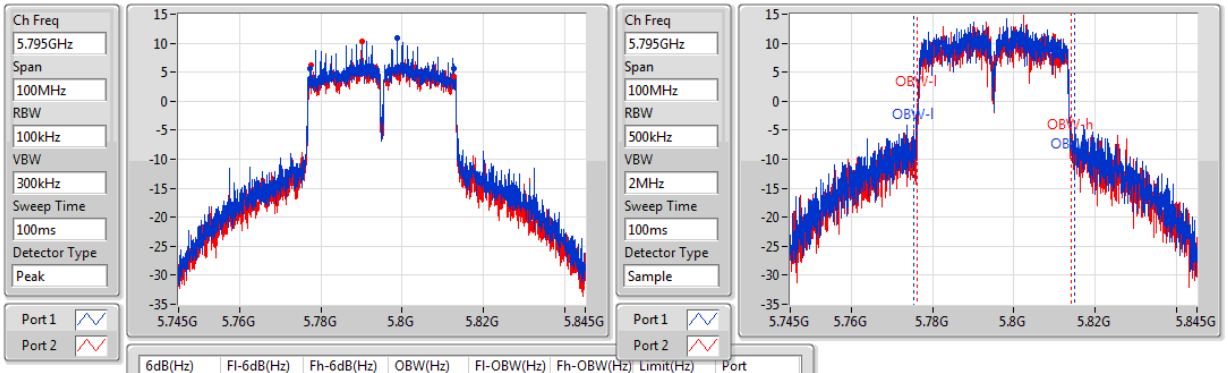
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.3M	5.73725G	5.77255G	37.481M	5.736209G	5.773691G	500k	1
35M	5.7375G	5.7725G	37.181M	5.736309G	5.773491G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	5.77745G	5.81255G	39.53M	5.77531G	5.81484G	500k	1
35.05M	5.7775G	5.81255G	37.781M	5.776209G	5.813991G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	22.83	0.19187
802.11n HT20_Nss1,(MCS0)_2TX	23.93	0.24717
802.11n HT40_Nss1,(MCS0)_2TX	23.94	0.24774
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.31	0.21429
802.11n HT20_Nss1,(MCS0)_2TX	23.32	0.21478
802.11n HT40_Nss1,(MCS0)_2TX	23.38	0.21777
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.51	0.22439
802.11n HT20_Nss1,(MCS0)_2TX	23.20	0.20893
802.11n HT40_Nss1,(MCS0)_2TX	23.10	0.20417
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.03	0.20091
802.11n HT20_Nss1,(MCS0)_2TX	26.82	0.48084
802.11n HT40_Nss1,(MCS0)_2TX	26.54	0.45082

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	4.20	21.11		21.11	23.98
5200MHz	Pass	4.20	22.38		22.38	23.98
5240MHz	Pass	4.20	22.83		22.83	23.98
5260MHz	Pass	4.20	23.31		23.31	23.98
5300MHz	Pass	4.20	20.91		20.91	23.98
5320MHz	Pass	4.20	21.1		21.10	23.98
5500MHz	Pass	4.20	20.33		20.33	23.98
5580MHz	Pass	4.20	23.51		23.51	23.98
5700MHz	Pass	4.20	20.26		20.26	23.98
5745MHz	Pass	4.20	22.95		22.95	30.00
5785MHz	Pass	4.20	22.81		22.81	30.00
5825MHz	Pass	4.20	23.03		23.03	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.20	20.98	20.86	23.93	23.98
5200MHz	Pass	4.20	20.91	20.9	23.92	23.98
5240MHz	Pass	4.20	20.85	20.73	23.80	23.98
5260MHz	Pass	4.20	20.27	20.34	23.32	23.98
5300MHz	Pass	4.20	20.28	20.11	23.21	23.98
5320MHz	Pass	4.20	20.36	20.02	23.20	23.98
5500MHz	Pass	4.20	19.85	20.01	22.94	23.98
5580MHz	Pass	4.20	19.84	19.62	22.74	23.98
5700MHz	Pass	4.20	19.91	20.45	23.20	23.98
5745MHz	Pass	4.20	23.73	23.72	26.74	30.00
5785MHz	Pass	4.20	23.55	23.57	26.57	30.00
5825MHz	Pass	4.20	23.9	23.71	26.82	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	4.20	16.98	16.28	19.65	23.98
5230MHz	Pass	4.20	21.13	20.71	23.94	23.98
5270MHz	Pass	4.20	20.58	20.14	23.38	23.98
5310MHz	Pass	4.20	17.63	16.99	20.33	23.98
5510MHz	Pass	4.20	16.47	15.42	18.99	23.98
5550MHz	Pass	4.20	19.72	19.61	22.68	23.98
5670MHz	Pass	4.20	20.12	20.05	23.10	23.98
5755MHz	Pass	4.20	23.61	22.97	26.31	30.00
5795MHz	Pass	4.20	23.81	23.24	26.54	30.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.14
802.11n HT20_Nss1,(MCS0)_2TX	10.99
802.11n HT40_Nss1,(MCS0)_2TX	8.34
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.26
802.11n HT20_Nss1,(MCS0)_2TX	10.83
802.11n HT40_Nss1,(MCS0)_2TX	7.95
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.63
802.11n HT20_Nss1,(MCS0)_2TX	10.2
802.11n HT40_Nss1,(MCS0)_2TX	7.67
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.32
802.11n HT20_Nss1,(MCS0)_2TX	12.63
802.11n HT40_Nss1,(MCS0)_2TX	10.13

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

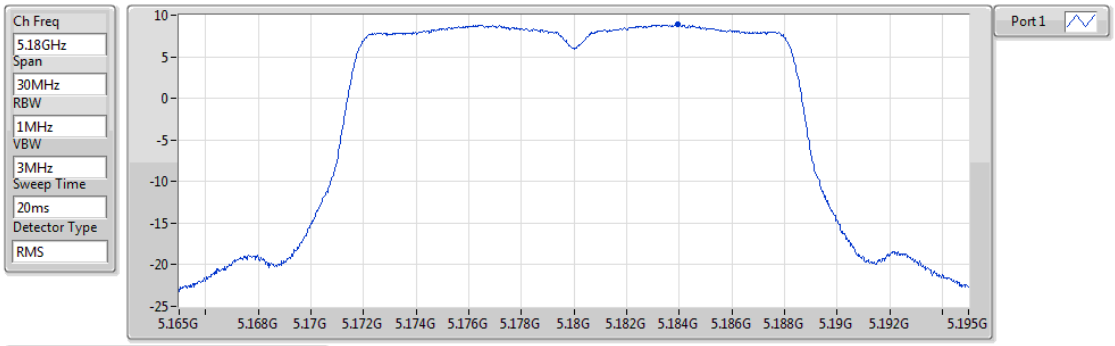
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	4.20	8.84		8.84	11.00
5200MHz	Pass	4.20	9.82		9.82	11.00
5240MHz	Pass	4.20	10.14		10.14	11.00
5260MHz	Pass	4.20	10.26		10.26	11.00
5300MHz	Pass	4.20	8.65		8.65	11.00
5320MHz	Pass	4.20	8.76		8.76	11.00
5500MHz	Pass	4.20	7.96		7.96	11.00
5580MHz	Pass	4.20	10.63		10.63	11.00
5700MHz	Pass	4.20	7.99		7.99	11.00
5745MHz	Pass	4.20	9.01		9.01	30.00
5785MHz	Pass	4.20	8.9		8.90	30.00
5825MHz	Pass	4.20	9.32		9.32	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.20	8.09	8.05	10.79	11.00
5200MHz	Pass	4.20	8.19	8.37	10.99	11.00
5240MHz	Pass	4.20	7.97	8.19	10.87	11.00
5260MHz	Pass	4.20	7.55	7.81	10.53	11.00
5300MHz	Pass	4.20	7.84	7.94	10.83	11.00
5320MHz	Pass	4.20	7.86	7.93	10.83	11.00
5500MHz	Pass	4.20	6.89	7.54	10.18	11.00
5580MHz	Pass	4.20	6.41	6.87	9.52	11.00
5700MHz	Pass	4.20	6.68	7.75	10.20	11.00
5745MHz	Pass	4.20	9.4	9.63	12.42	30.00
5785MHz	Pass	4.20	9.32	9.48	12.36	30.00
5825MHz	Pass	4.20	9.58	9.75	12.63	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	4.20	1.9	1.59	4.54	11.00
5230MHz	Pass	4.20	5.67	5.64	8.34	11.00
5270MHz	Pass	4.20	5.27	4.97	7.95	11.00
5310MHz	Pass	4.20	2.64	2.17	5.35	11.00
5510MHz	Pass	4.20	1.41	0.57	3.95	11.00
5550MHz	Pass	4.20	4.58	4.6	7.50	11.00
5670MHz	Pass	4.20	4.69	4.93	7.67	11.00
5755MHz	Pass	4.20	7.28	7.01	10.13	30.00
5795MHz	Pass	4.20	7.21	7.04	10.07	30.00

DG = Directional Gain; **RBW** = 500kHz 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 Xpower density;

802.11a_Nss1,(6Mbps)_1TX **PSD**

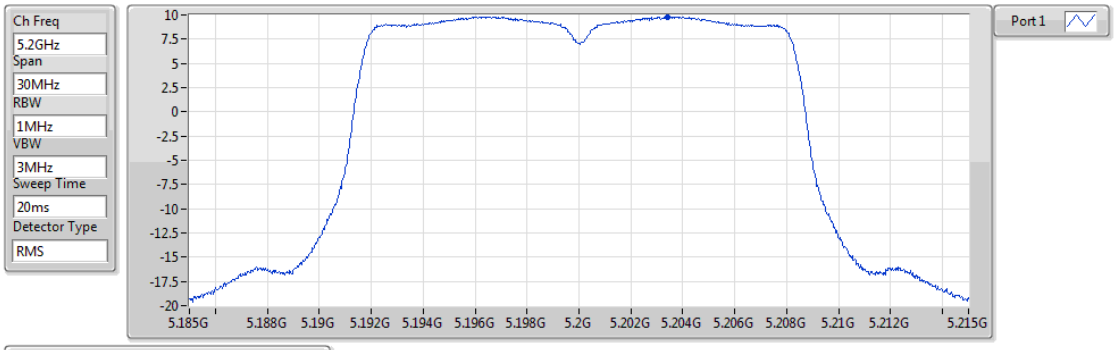
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.84	8.84	8.84

802.11a_Nss1,(6Mbps)_1TX **PSD**

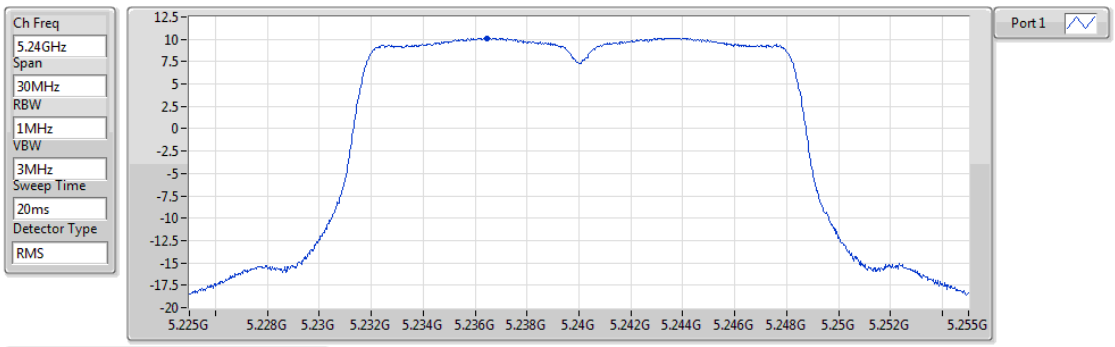
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.82	9.82	9.82

802.11a_Nss1,(6Mbps)_1TX **PSD**

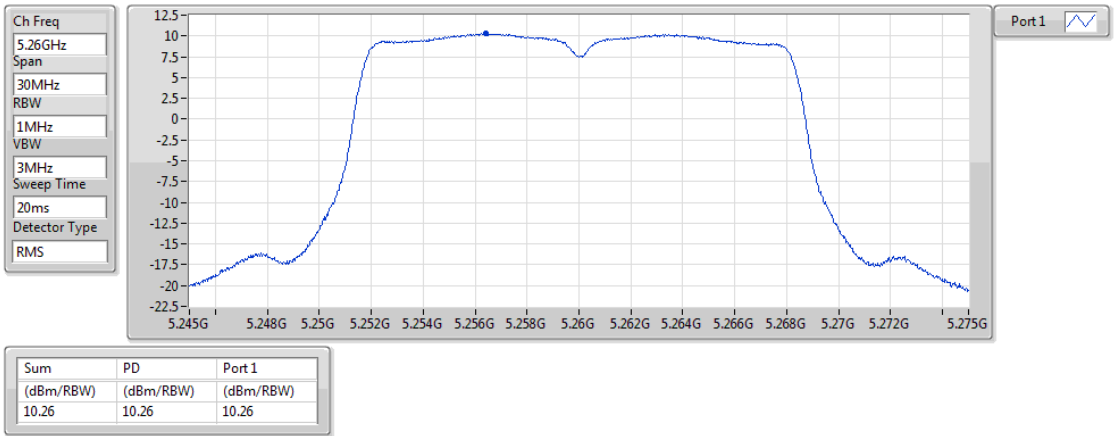
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.14	10.14	10.14

802.11a_Nss1,(6Mbps)_1TX **PSD**

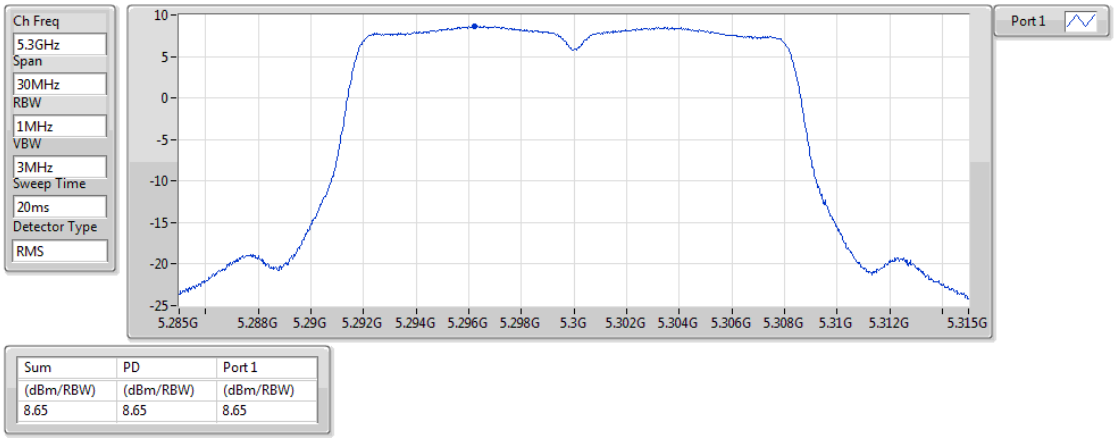
5260MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.26	10.26	10.26

802.11a_Nss1,(6Mbps)_1TX **PSD**

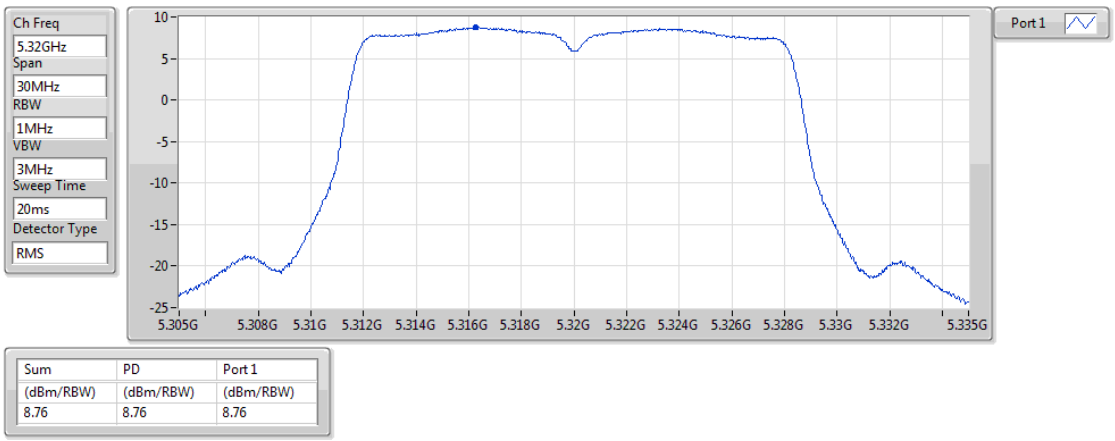
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.65	8.65	8.65

802.11a_Nss1,(6Mbps)_1TX **PSD**

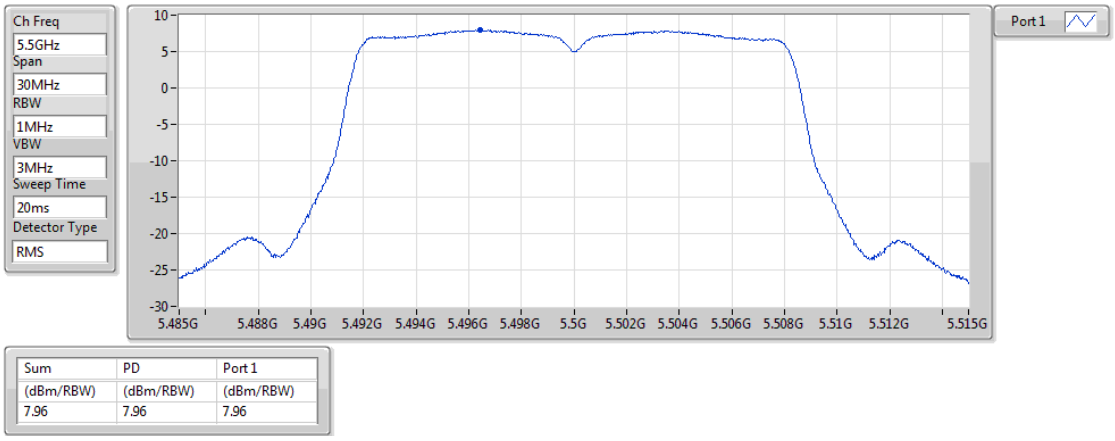
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.76	8.76	8.76

802.11a_Nss1,(6Mbps)_1TX **PSD**

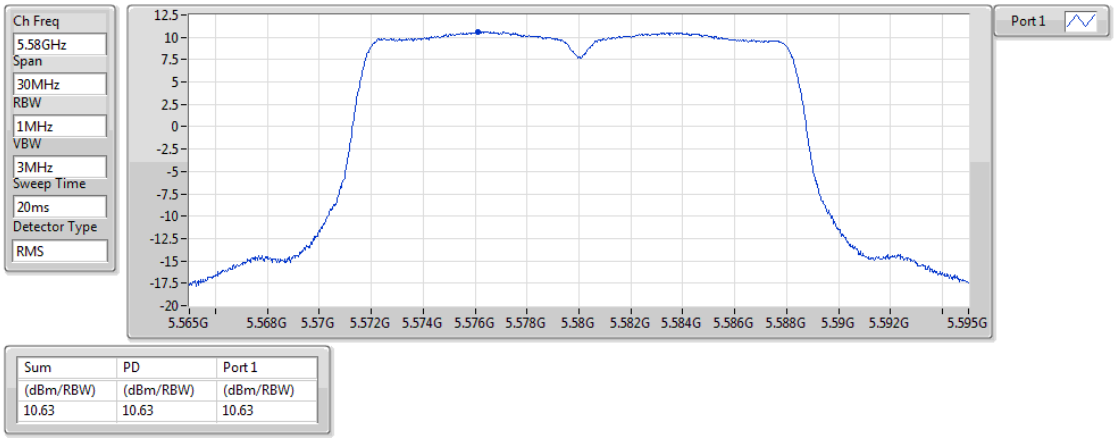
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.96	7.96	7.96

802.11a_Nss1,(6Mbps)_1TX **PSD**

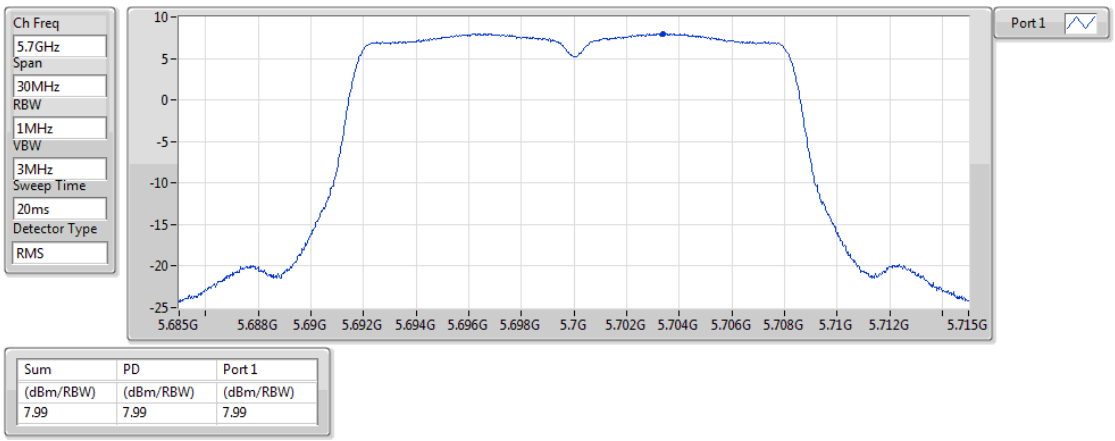
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.63	10.63	10.63

802.11a_Nss1,(6Mbps)_1TX **PSD**

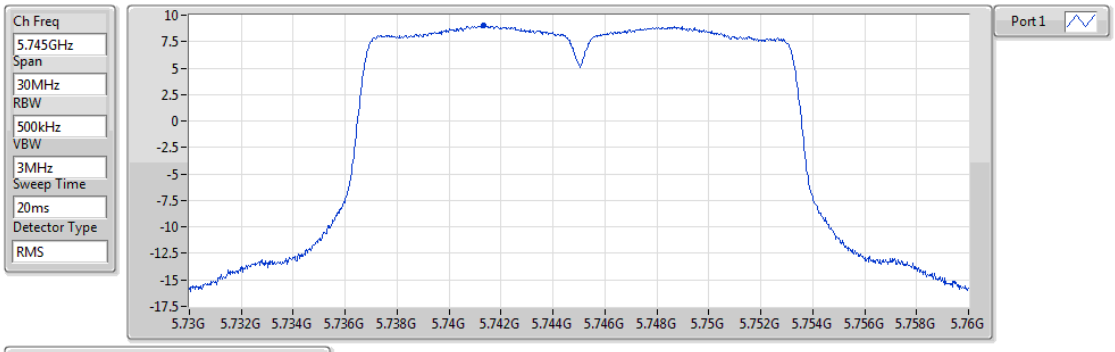
5700MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.99	7.99	7.99

802.11a_Nss1,(6Mbps)_1TX **PSD**

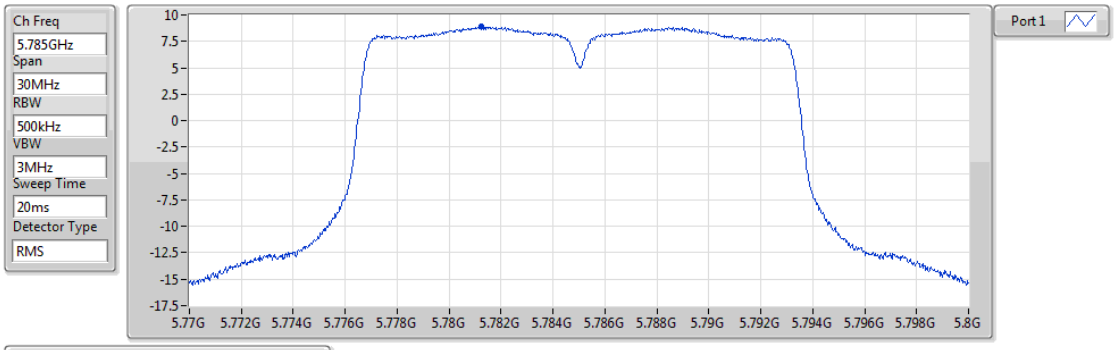
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.01	9.01	9.01

802.11a_Nss1,(6Mbps)_1TX **PSD**

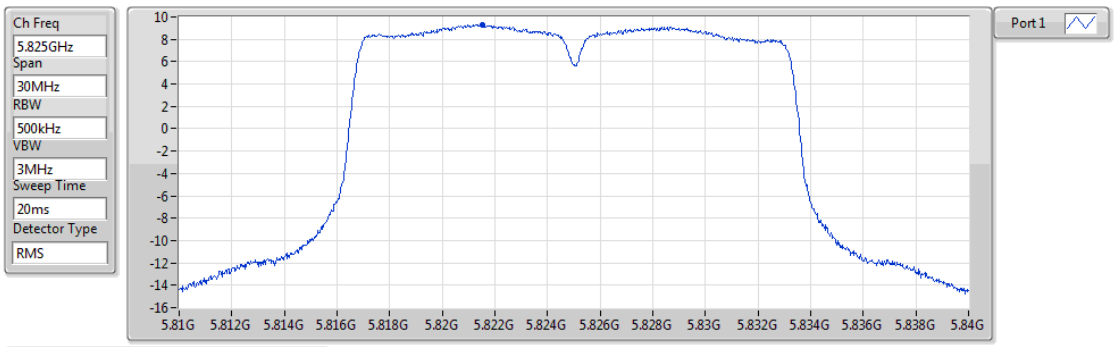
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.90	8.90	8.90

802.11a_Nss1,(6Mbps)_1TX **PSD**

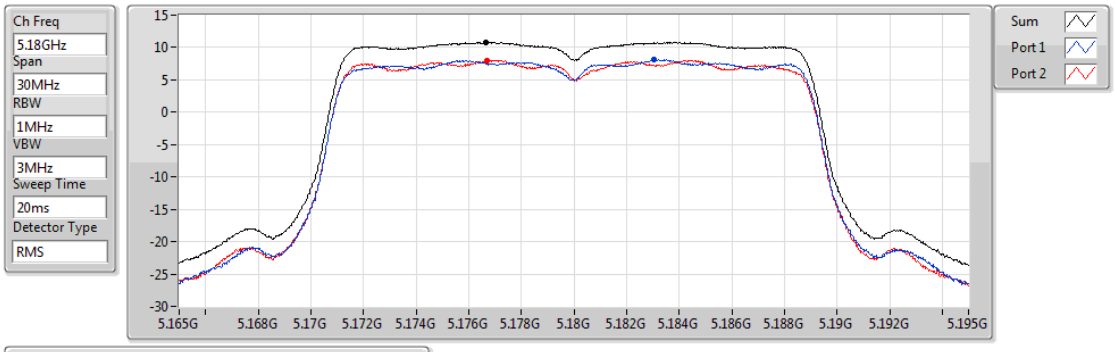
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.32	9.32	9.32

802.11n HT20_Nss1,(MCS0)_2TX PSD

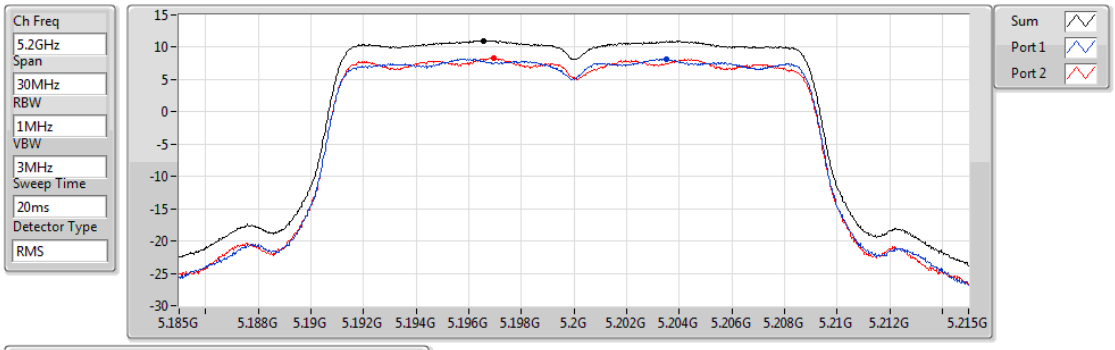
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.79	10.79	8.09	8.05

802.11n HT20_Nss1,(MCS0)_2TX PSD

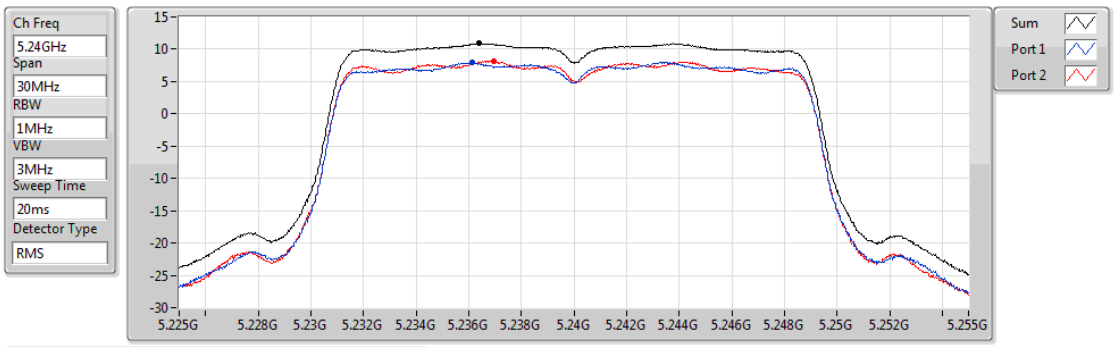
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.99	10.99	8.19	8.37

802.11n HT20_Nss1,(MCS0)_2TX PSD

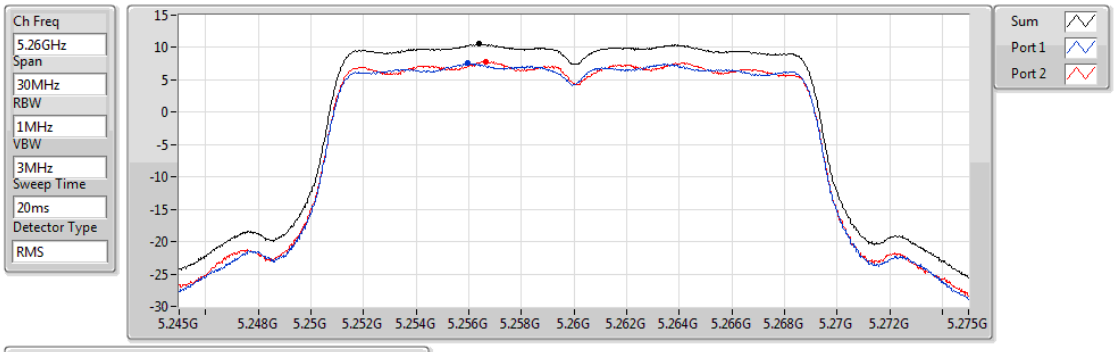
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.87	10.87	7.97	8.19

802.11n HT20_Nss1,(MCS0)_2TX PSD

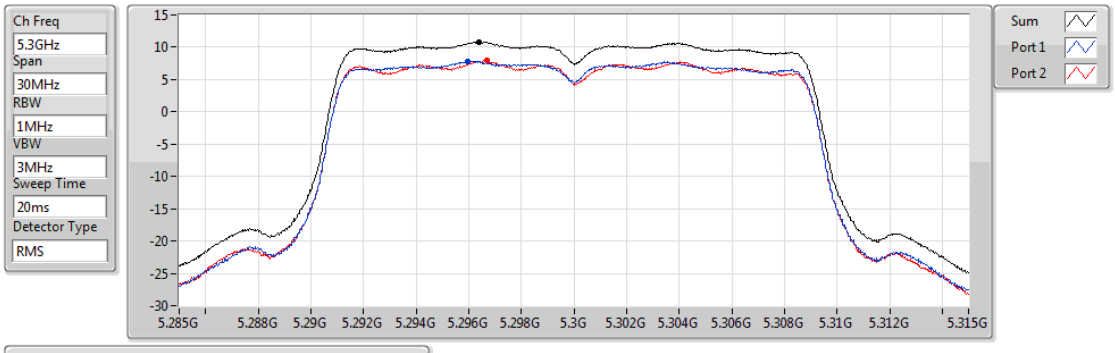
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.53	10.53	7.55	7.81

802.11n HT20_Nss1,(MCS0)_2TX PSD

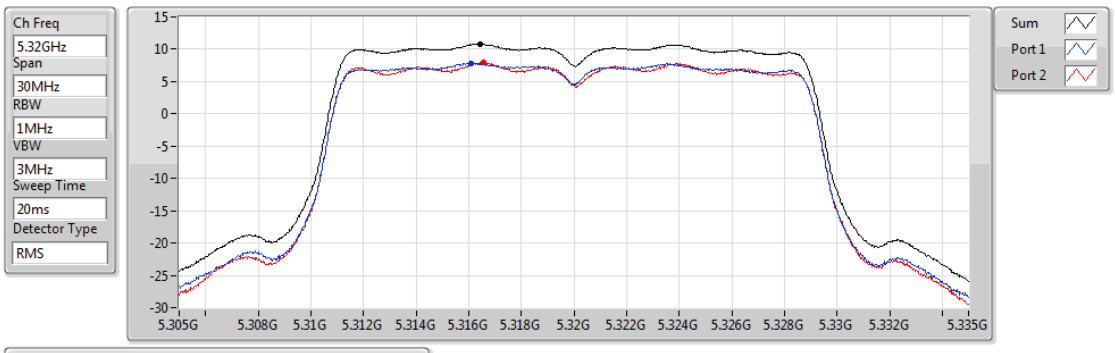
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.83	10.83	7.84	7.94

802.11n HT20_Nss1,(MCS0)_2TX PSD

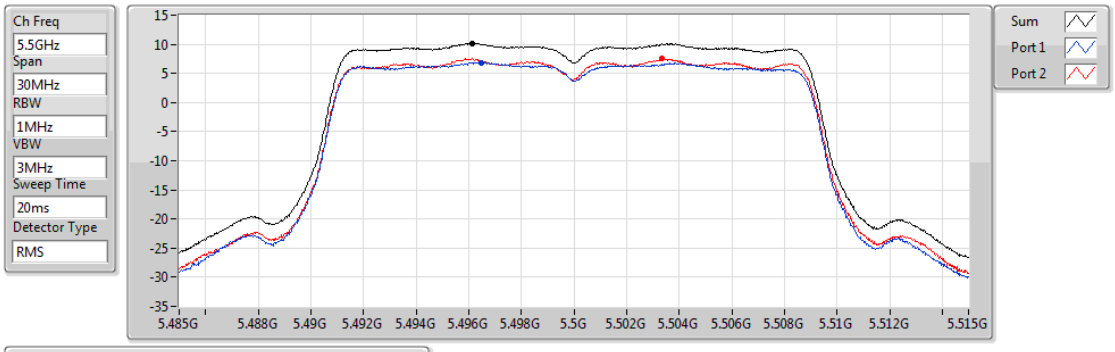
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.83	10.83	7.86	7.93

802.11n HT20_Nss1,(MCS0)_2TX PSD

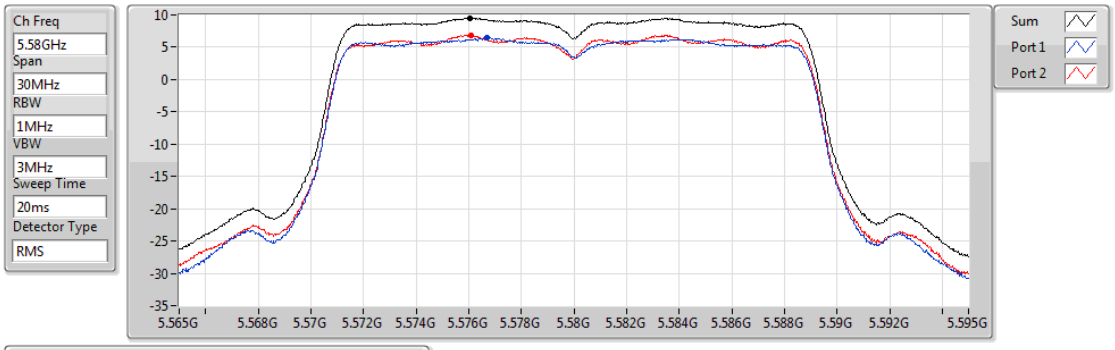
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.18	10.18	6.89	7.54

802.11n HT20_Nss1,(MCS0)_2TX PSD

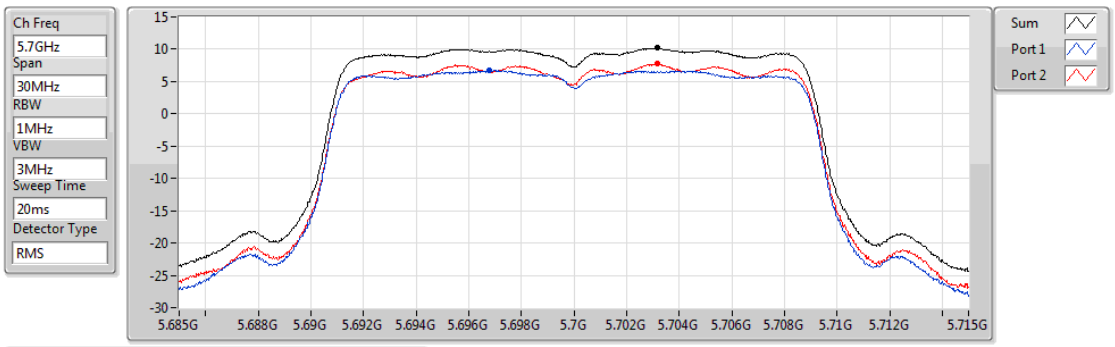
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.52	9.52	6.41	6.87

802.11n HT20_Nss1,(MCS0)_2TX PSD

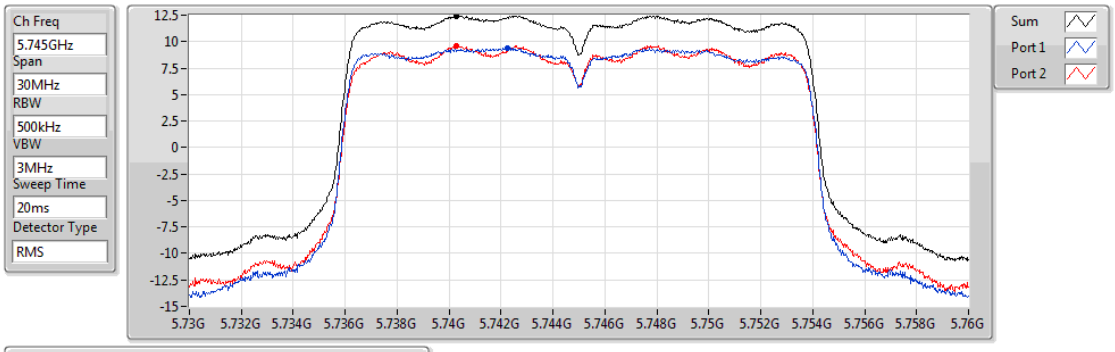
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.20	10.20	6.68	7.75

802.11n HT20_Nss1,(MCS0)_2TX **PSD**

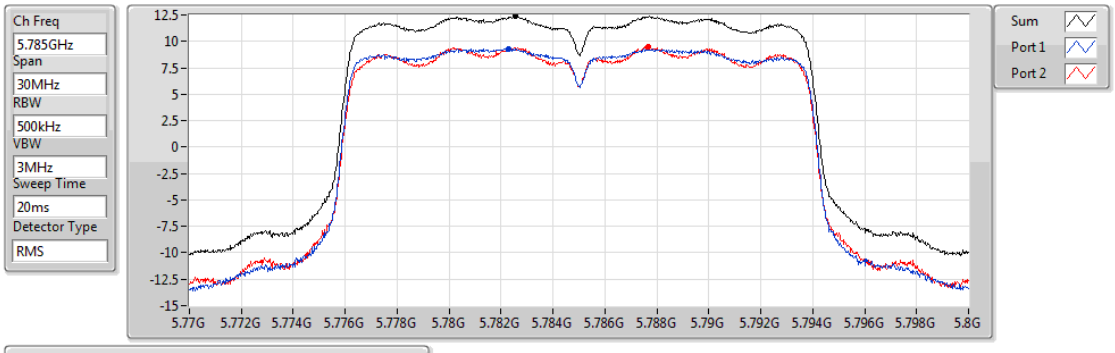
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.42	12.42	9.40	9.63

802.11n HT20_Nss1,(MCS0)_2TX **PSD**

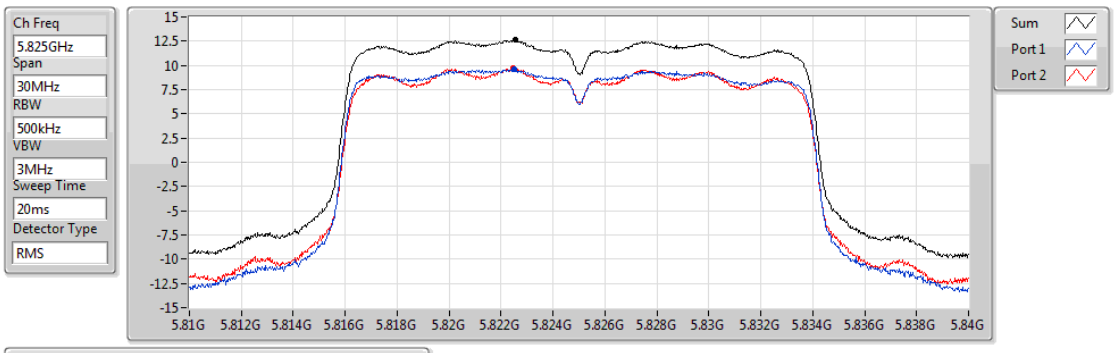
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.36	12.36	9.32	9.48

802.11n HT20_Nss1,(MCS0)_2TX **PSD**

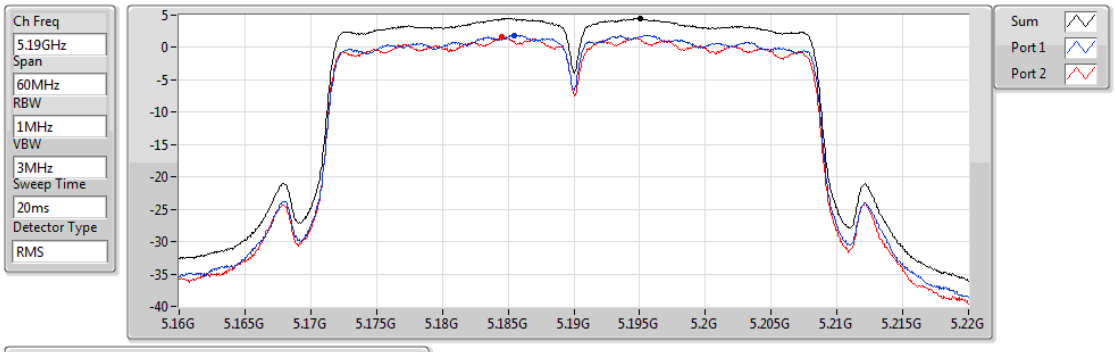
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.63	12.63	9.58	9.75

802.11n HT40_Nss1,(MCS0)_2TX PSD

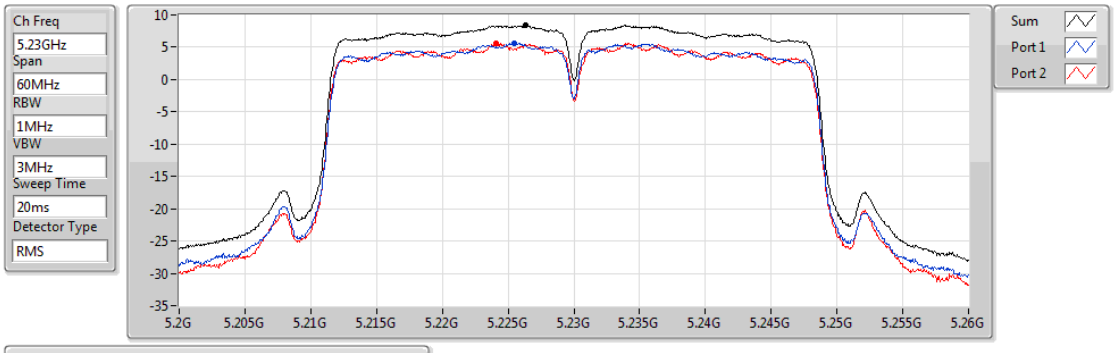
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.54	4.54	1.90	1.59

802.11n HT40_Nss1,(MCS0)_2TX PSD

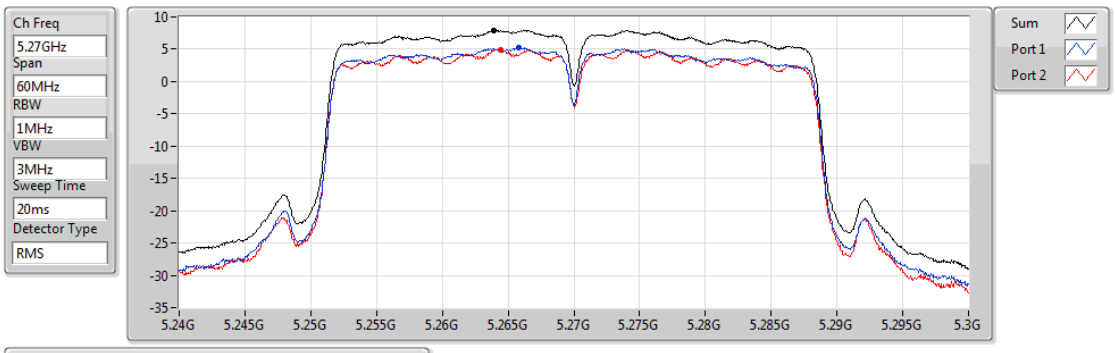
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.34	8.34	5.67	5.64

802.11n HT40_Nss1,(MCS0)_2TX PSD

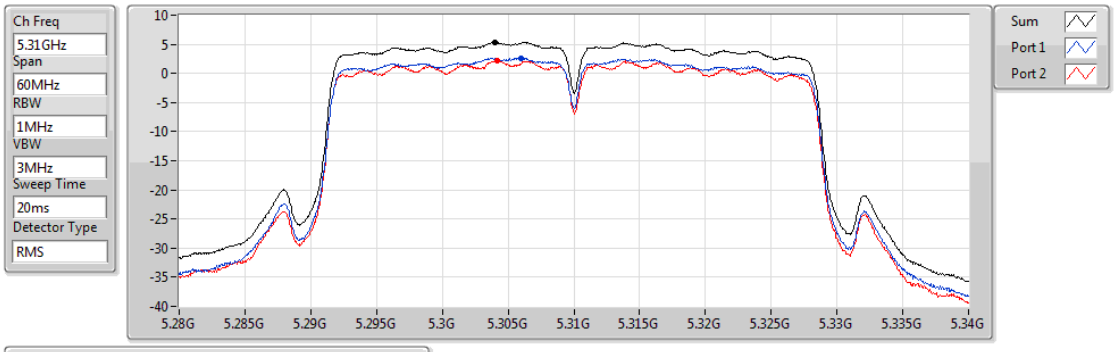
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.95	7.95	5.27	4.97

802.11n HT40_Nss1,(MCS0)_2TX PSD

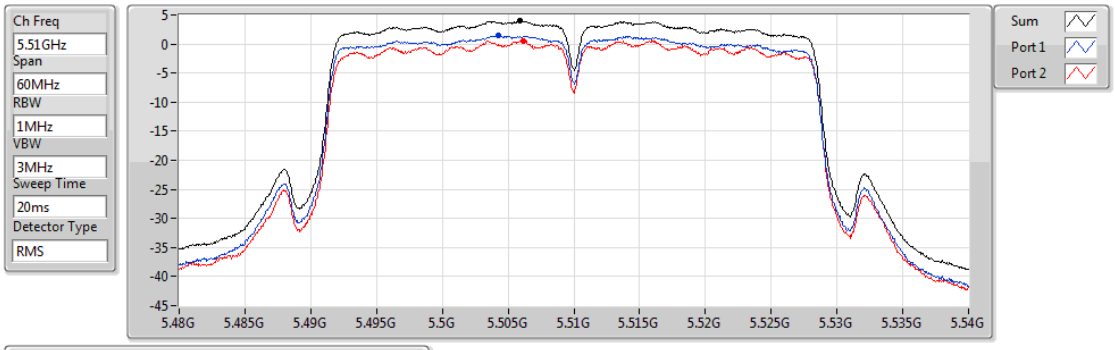
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.35	5.35	2.64	2.17

802.11n HT40_Nss1,(MCS0)_2TX PSD

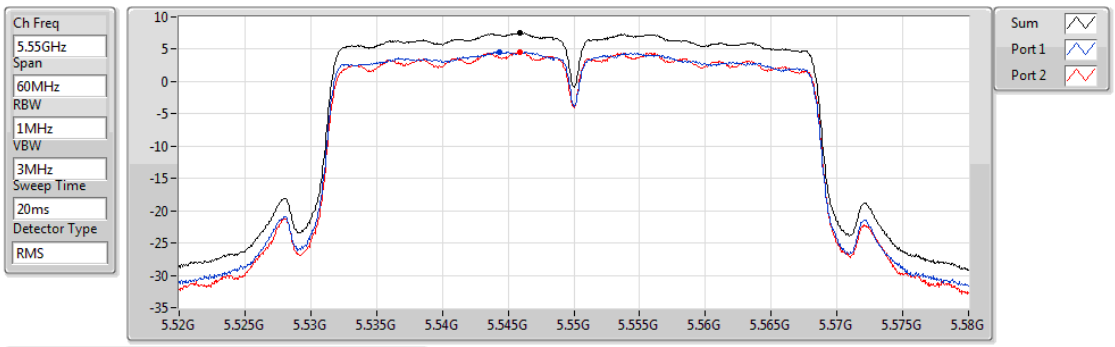
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.95	3.95	1.41	0.57

802.11n HT40_Nss1,(MCS0)_2TX PSD

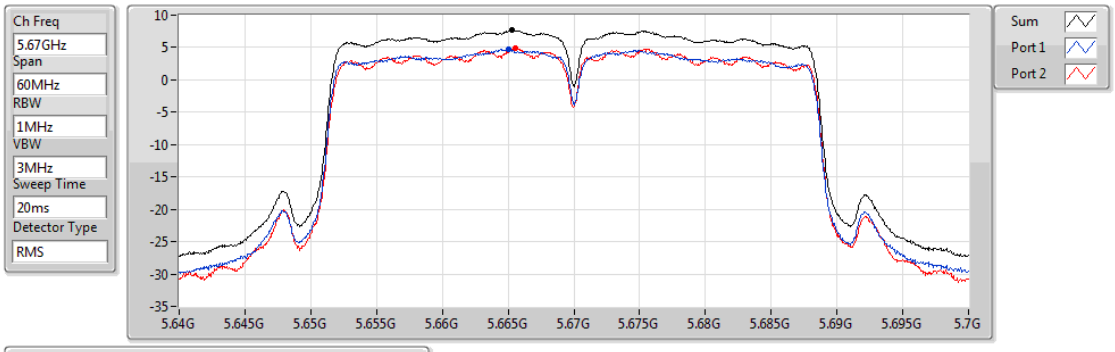
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.50	7.50	4.58	4.60

802.11n HT40_Nss1,(MCS0)_2TX PSD

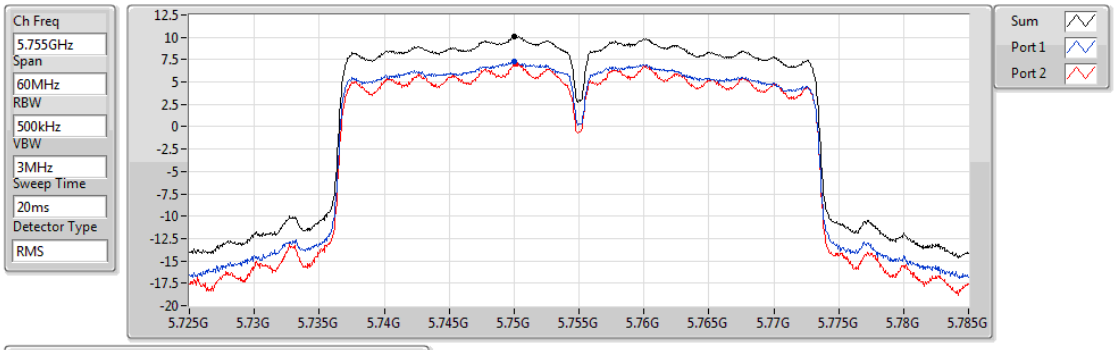
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.67	7.67	4.69	4.93

802.11n HT40_Nss1,(MCS0)_2TX PSD

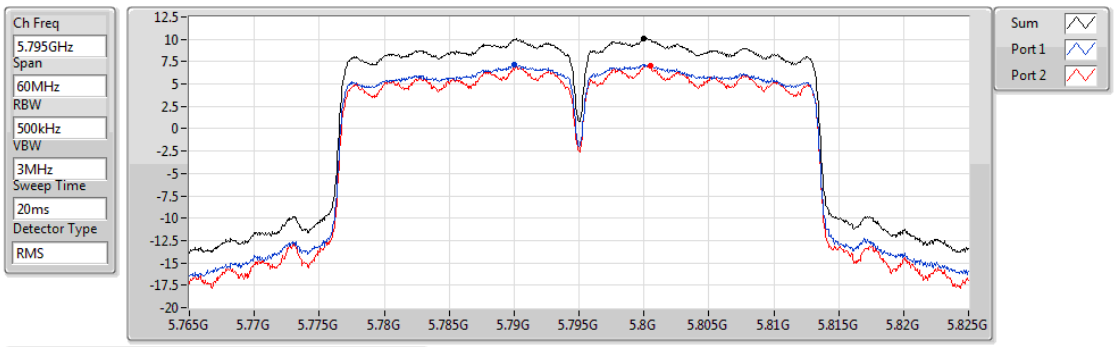
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.13	10.13	7.28	7.01

802.11n HT40_Nss1,(MCS0)_2TX PSD

5795MHz

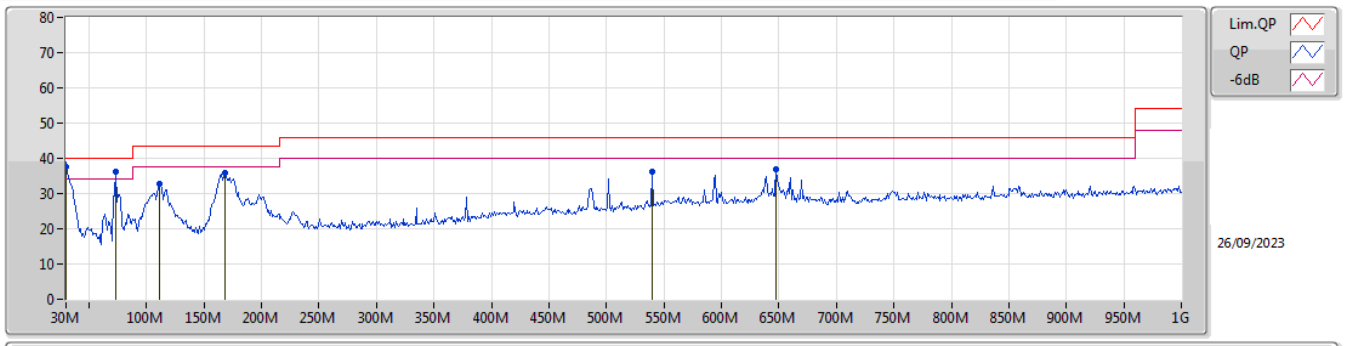


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.07	10.07	7.21	7.04

Summary

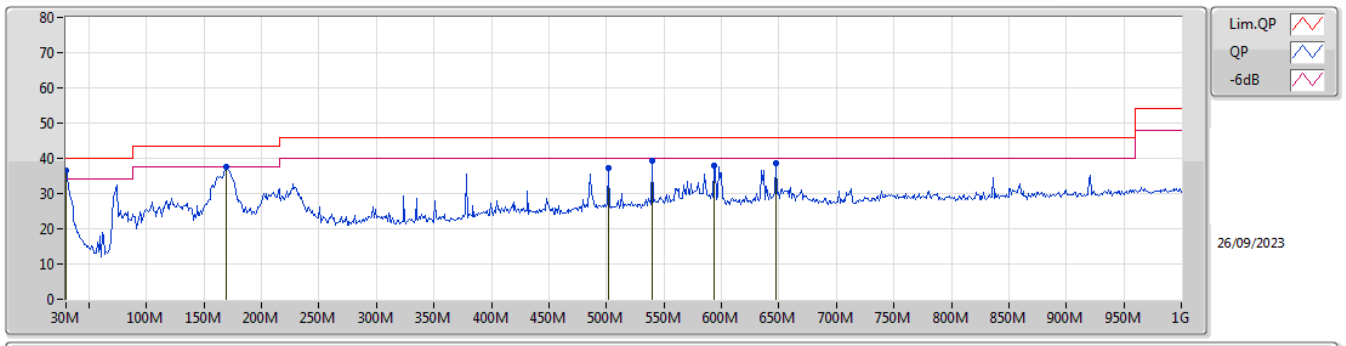
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	30M	37.52	40.00	-2.48	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	30M	37.52	40.00	-2.48	-2.47	3	Vertical	143	2.00	"Worst"	39.99	25.28	0.74	28.49
PK	73.65M	36.10	40.00	-3.90	-15.09	3	Vertical	95	2.00	-	51.19	12.35	1.11	28.55
PK	111.48M	32.67	43.50	-10.83	-9.44	3	Vertical	180	1.00	-	42.11	17.65	1.36	28.45
PK	168.71M	35.71	43.50	-7.79	-11.03	3	Vertical	0	1.25	-	46.74	15.54	1.68	28.25
PK	540.22M	36.28	46.00	-9.72	-1.74	3	Vertical	174	1.00	-	38.02	24.52	3.10	29.36
PK	647.89M	36.99	46.00	-9.01	-0.62	3	Vertical	30	1.00	-	37.61	25.32	3.36	29.30

Mode 1



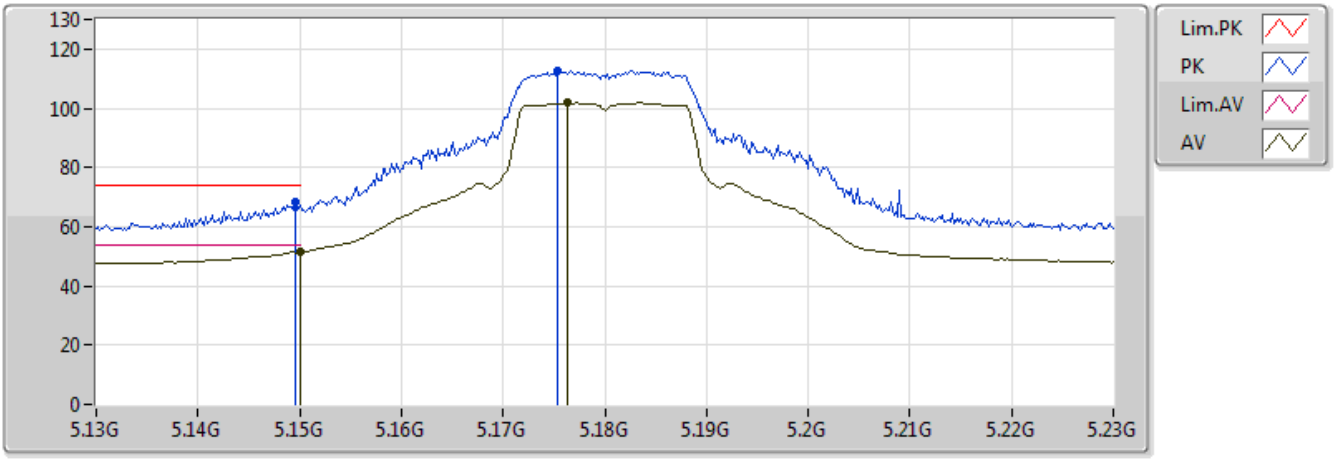
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	30M	36.51	40.00	-3.49	-2.47	3	Horizontal	209	2.00	"Worst"	38.98	25.28	0.74	28.49
PK	169.68M	37.57	43.50	-5.93	-11.05	3	Horizontal	81	1.50	-	48.62	15.50	1.69	28.24
PK	501.42M	37.28	46.00	-8.72	-3.00	3	Horizontal	322	2.00	-	40.28	23.37	2.97	29.34
PK	540.22M	39.34	46.00	-6.66	-1.74	3	Horizontal	300	1.50	-	41.08	24.52	3.10	29.36
PK	593.57M	38.08	46.00	-7.92	-1.33	3	Horizontal	123	1.50	-	39.41	24.81	3.20	29.34
PK	647.89M	38.49	46.00	-7.51	-0.62	3	Horizontal	114	1.50	-	39.11	25.32	3.36	29.30

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	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	5.350005G	53.99	54.00	-0.01	3	Horizontal	337	2.37	-

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

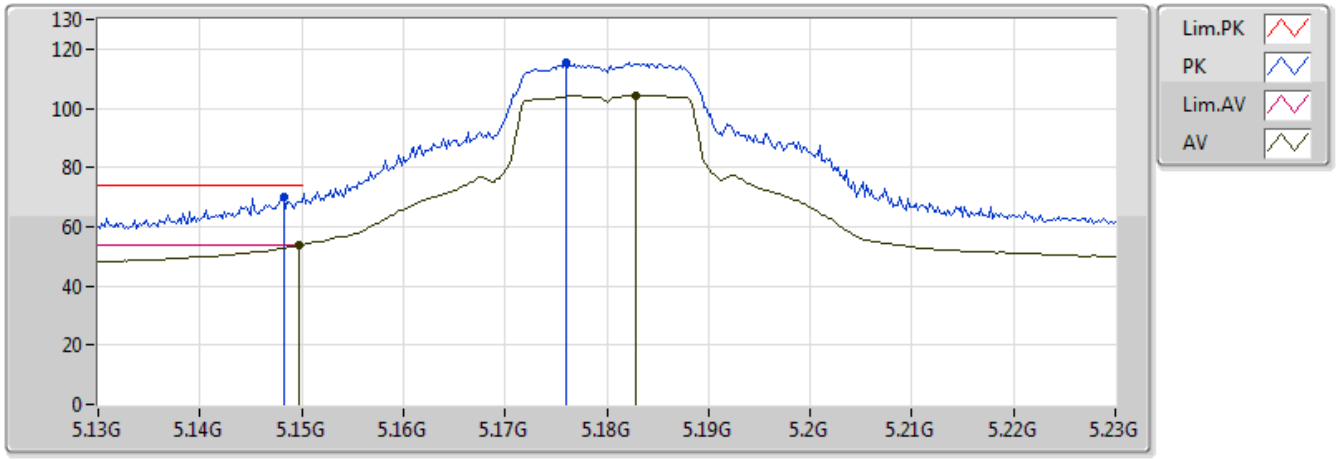


20171101
EUT Z_1TX_WiFi 1
Setting 87
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.149995G	51.49	54.00	-2.51	4.93	3	Vertical	251	1.01
AV	5.1764G	101.84	Inf	-Inf	4.96	3	Vertical	251	1.01
PK	5.1496G	68.45	74.00	-5.55	4.93	3	Vertical	251	1.01
PK	5.1754G	112.62	Inf	-Inf	4.96	3	Vertical	251	1.01

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

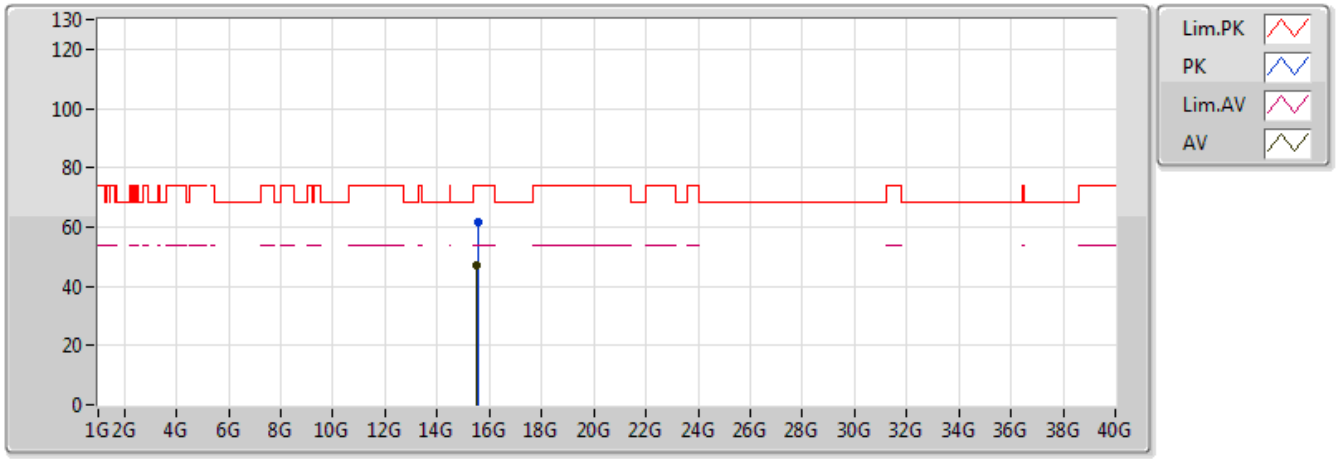


20171101
EUT Z_1TX_WiFi 1
Setting 87
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1498G	53.66	54.00	-0.34	4.93	3	Horizontal	21	2.16
AV	5.1828G	104.49	Inf	-Inf	4.97	3	Horizontal	21	2.16
PK	5.1482G	69.79	74.00	-4.21	4.93	3	Horizontal	21	2.16
PK	5.176G	115.50	Inf	-Inf	4.96	3	Horizontal	21	2.16

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

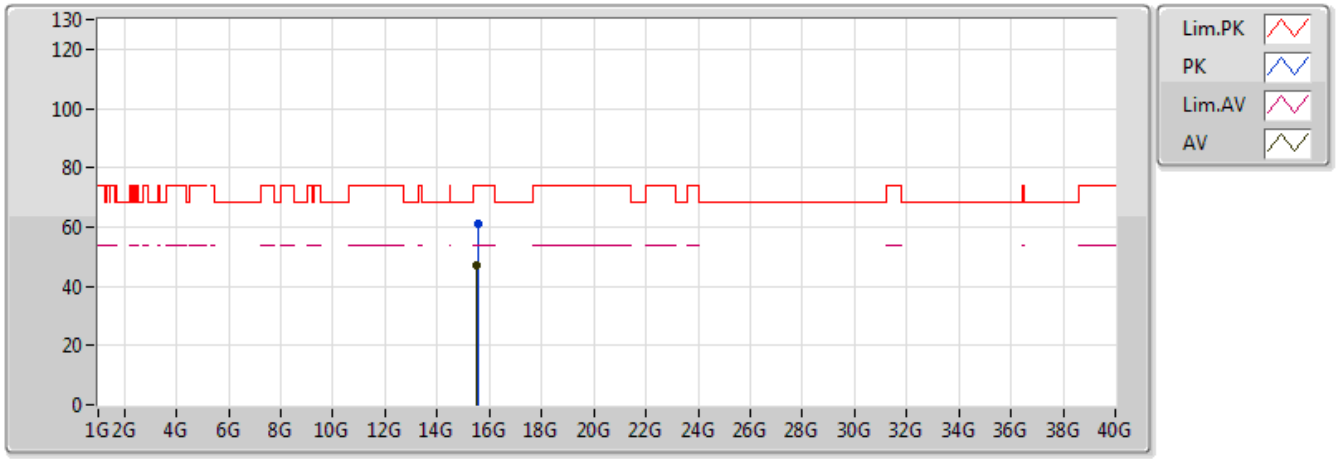


20171101
EUT Z_1TX_WiFi 1
Setting 87
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.53224G	47.13	54.00	-6.87	15.87	3	Vertical	163	2.36
PK	15.54316G	61.81	74.00	-12.19	15.86	3	Vertical	163	2.36

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

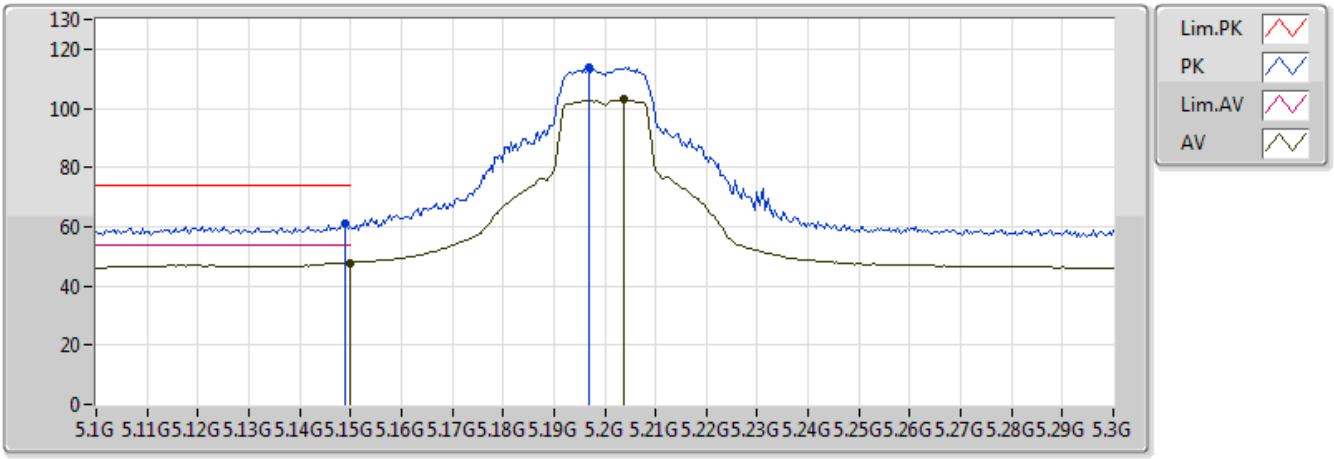


20171101
EUT Z_1TX_WiFi 1
Setting 87
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.53052G	47.07	54.00	-6.93	15.88	3	Horizontal	133	2.21
PK	15.54684G	61.23	74.00	-12.77	15.85	3	Horizontal	133	2.21

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

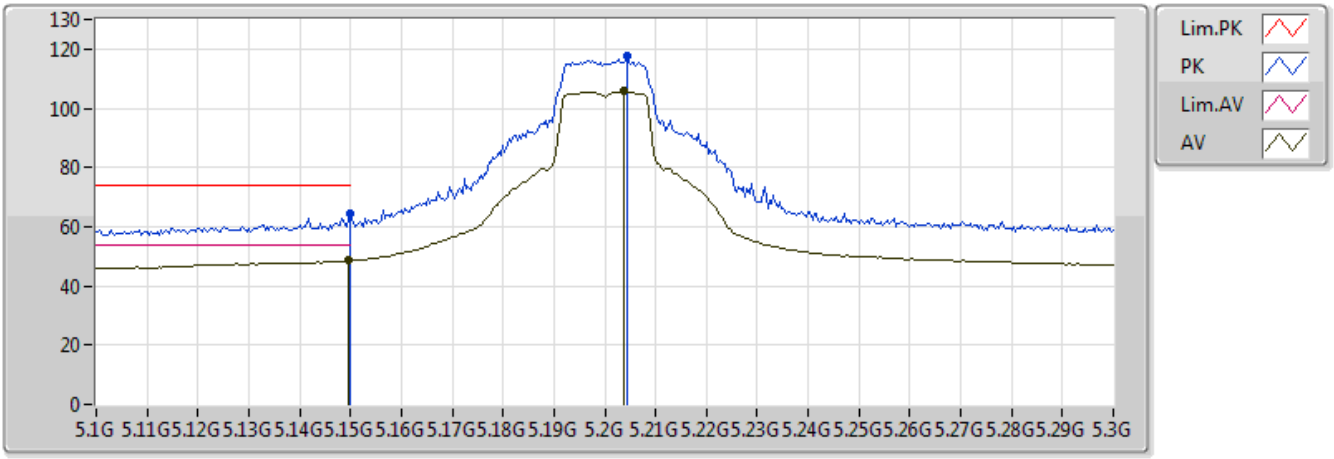


20171101
EUT Z_1TX_WiFi 1
Setting 91
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.149995G	47.90	54.00	-6.10	4.93	3	Vertical	264	1.14
AV	5.2036G	102.92	Inf	-Inf	5.01	3	Vertical	264	1.14
PK	5.1488G	61.30	74.00	-12.70	4.93	3	Vertical	264	1.14
PK	5.1968G	113.56	Inf	-Inf	4.99	3	Vertical	264	1.14

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

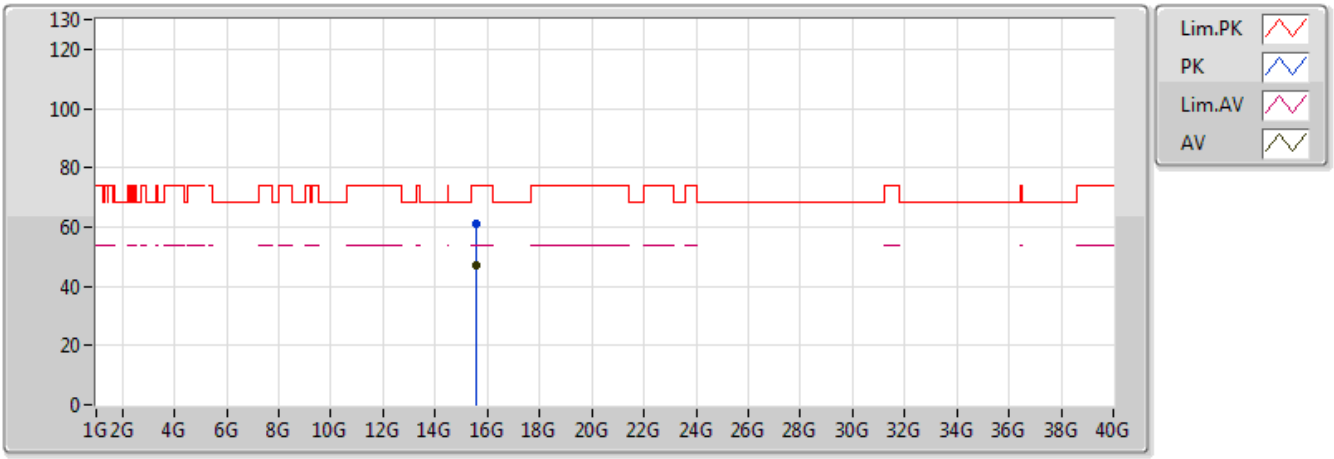


20171101
EUT Z_1TX_WiFi 1
Setting 91
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1496G	48.62	54.00	-5.38	4.93	3	Horizontal	22	2.11
AV	5.2036G	105.66	Inf	-Inf	5.01	3	Horizontal	22	2.11
PK	5.149995G	64.30	74.00	-9.70	4.93	3	Horizontal	22	2.11
PK	5.2044G	117.55	Inf	-Inf	5.01	3	Horizontal	22	2.11

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

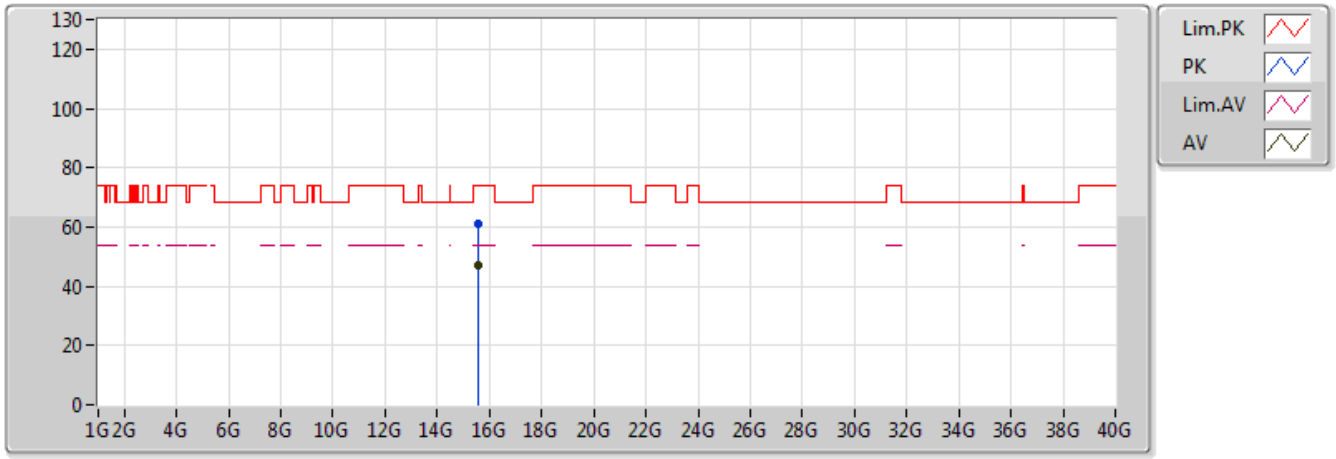


20171101
EUT Z_1TX_WiFi 1
Setting 91
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.59592G	47.34	54.00	-6.66	15.78	3	Vertical	54	1.49
PK	15.59176G	61.16	74.00	-12.84	15.79	3	Vertical	54	1.49

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

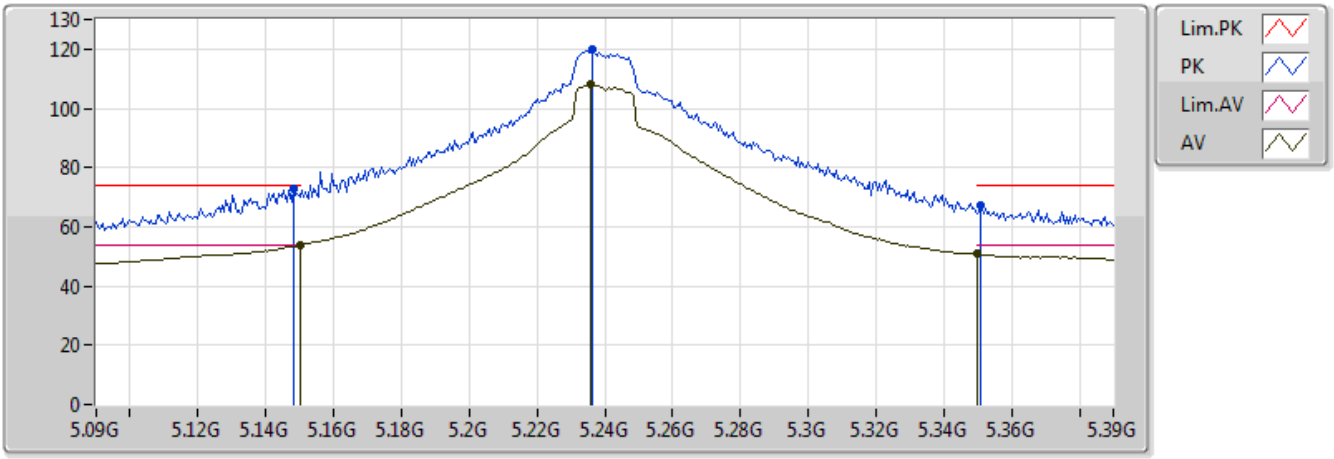


20171101
EUT Z_1TX_WiFi 1
Setting 91
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.59384G	47.33	54.00	-6.67	15.78	3	Horizontal	330	1.25
PK	15.58616G	61.11	74.00	-12.89	15.80	3	Horizontal	330	1.25

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

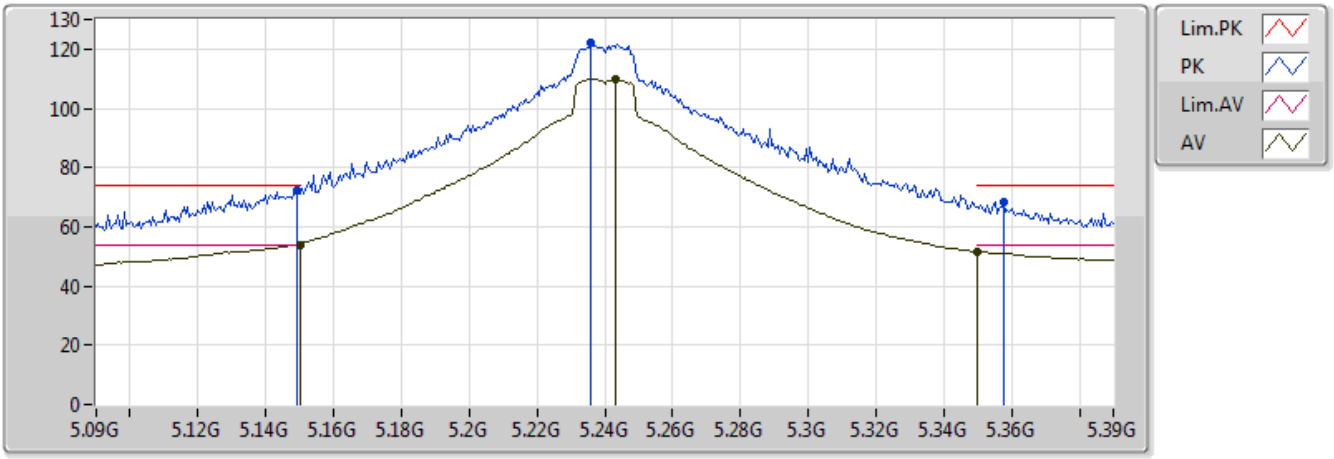


20171101
EUT Z_1TX_WiFi 1
Setting 92
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.149995G	53.90	54.00	-0.10	4.93	3	Vertical	268	1.39
AV	5.2358G	107.91	Inf	-Inf	5.15	3	Vertical	268	1.39
AV	5.350005G	50.82	54.00	-3.18	5.62	3	Vertical	268	1.39
PK	5.1482G	72.69	74.00	-1.31	4.93	3	Vertical	268	1.39
PK	5.2364G	119.85	Inf	-Inf	5.15	3	Vertical	268	1.39
PK	5.351G	67.06	74.00	-6.94	5.62	3	Vertical	268	1.39

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

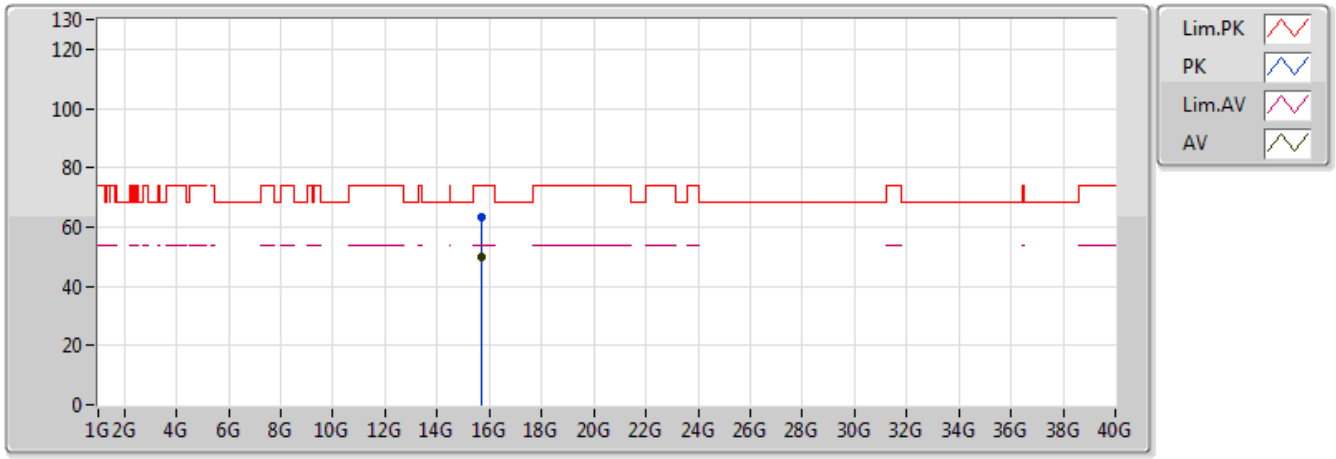


20171101
EUT Z_1TX_WiFi 1
Setting 92
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.149995G	53.91	54.00	-0.09	4.93	3	Horizontal	26	2.82
AV	5.243G	109.78	Inf	-Inf	5.18	3	Horizontal	26	2.82
AV	5.350005G	51.54	54.00	-2.46	5.62	3	Horizontal	26	2.82
PK	5.1494G	72.01	74.00	-1.99	4.93	3	Horizontal	26	2.82
PK	5.2358G	122.24	Inf	-Inf	5.15	3	Horizontal	26	2.82
PK	5.3576G	68.48	74.00	-5.52	5.65	3	Horizontal	26	2.82

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

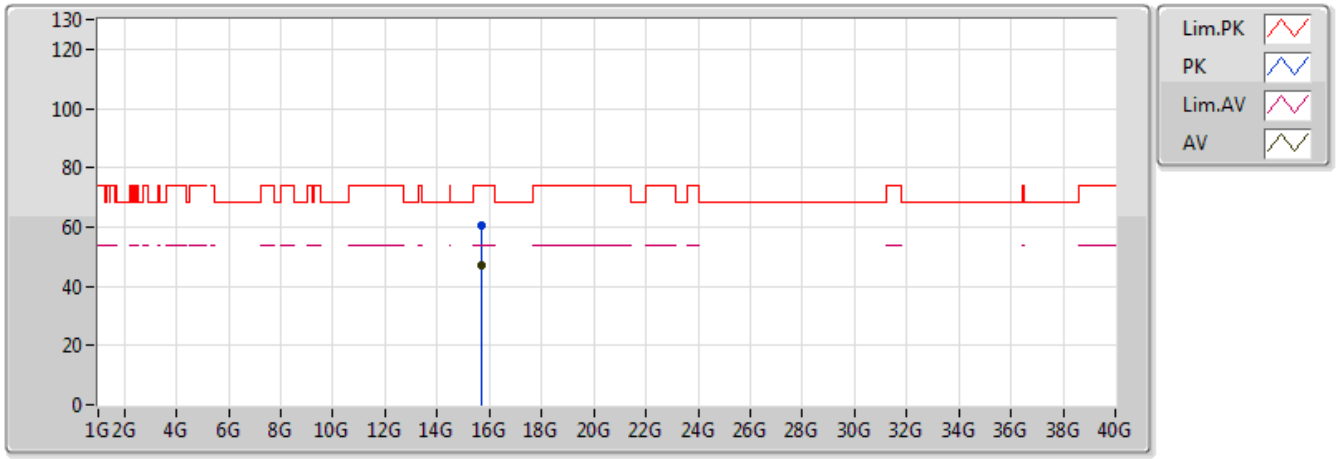


20171101
EUT Z_1TX_WiFi 1
Setting 92
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.7224G	49.79	54.00	-4.21	15.60	3	Vertical	338	1.21
PK	15.72432G	63.39	74.00	-10.61	15.60	3	Vertical	338	1.21

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

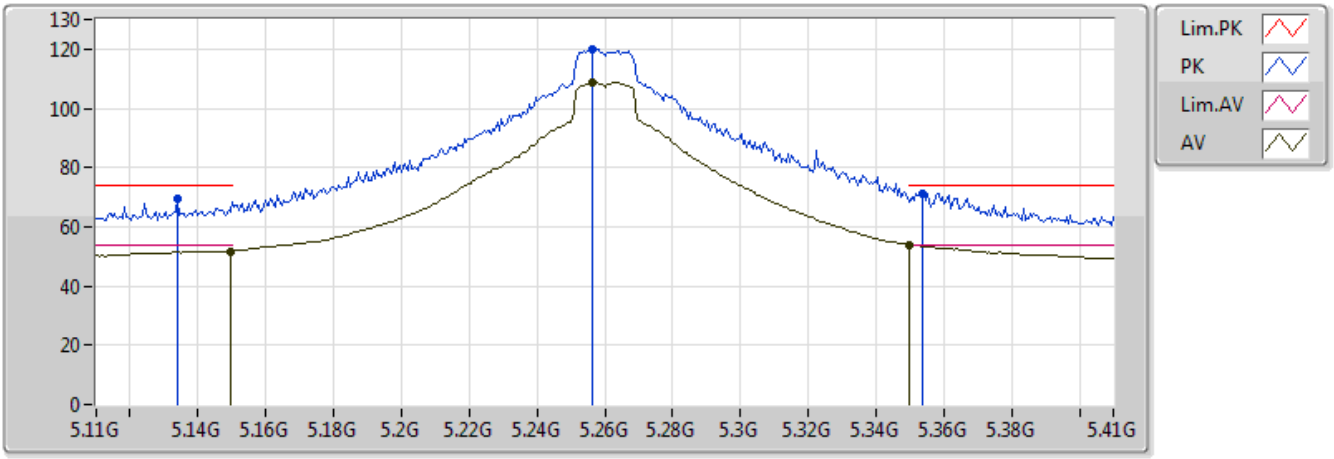


20171101
EUT Z_1TX_WiFi 1
Setting 92
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.72352G	47.02	54.00	-6.98	15.60	3	Horizontal	334	1.34
PK	15.71984G	60.76	74.00	-13.24	15.60	3	Horizontal	334	1.34

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

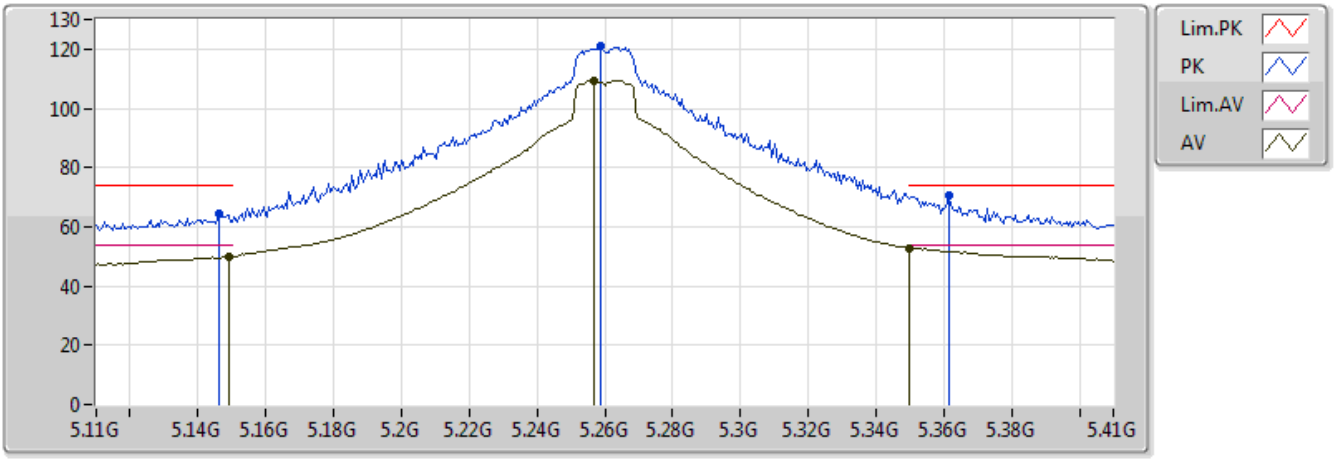


20171101
EUT Z_1TX_WiFi 1
Setting 99
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1496G	51.83	54.00	-2.17	4.93	3	Vertical	254	1.01
AV	5.2564G	108.65	Inf	-Inf	5.24	3	Vertical	254	1.01
AV	5.350005G	53.88	54.00	-0.12	5.62	3	Vertical	254	1.01
PK	5.134G	69.51	74.00	-4.49	4.91	3	Vertical	254	1.01
PK	5.2564G	119.98	Inf	-Inf	5.24	3	Vertical	254	1.01
PK	5.3536G	71.33	74.00	-2.67	5.63	3	Vertical	254	1.01

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

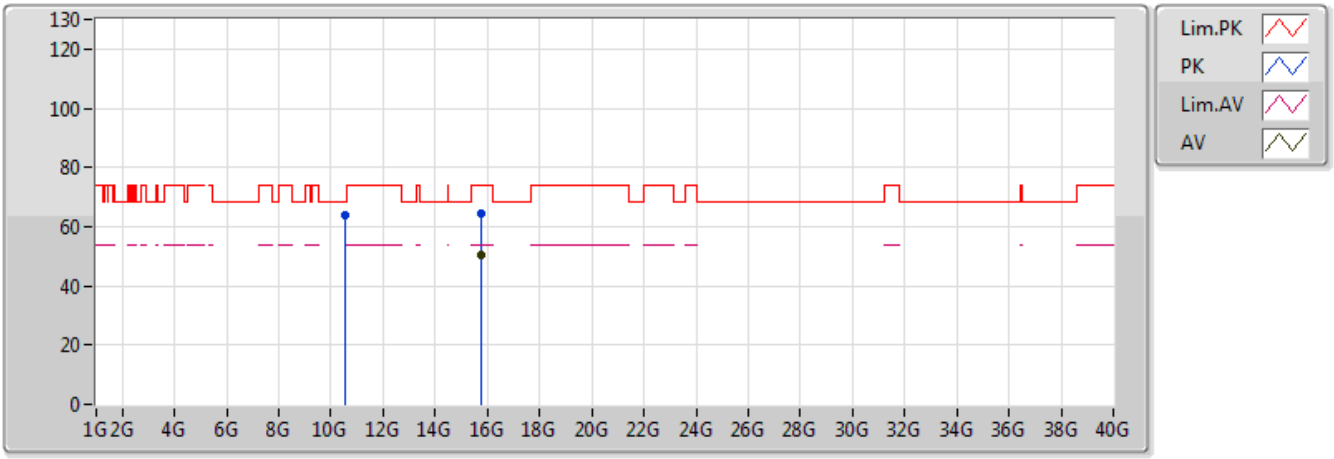


20171101
EUT Z_1TX_WiFi 1
Setting 99
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.149G	49.92	54.00	-4.08	4.93	3	Horizontal	27	2.84
AV	5.257G	109.29	Inf	-Inf	5.24	3	Horizontal	27	2.84
AV	5.350005G	52.76	54.00	-1.24	5.62	3	Horizontal	27	2.84
PK	5.146G	64.62	74.00	-9.38	4.93	3	Horizontal	27	2.84
PK	5.2588G	120.87	Inf	-Inf	5.25	3	Horizontal	27	2.84
PK	5.3614G	70.41	74.00	-3.59	5.66	3	Horizontal	27	2.84

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

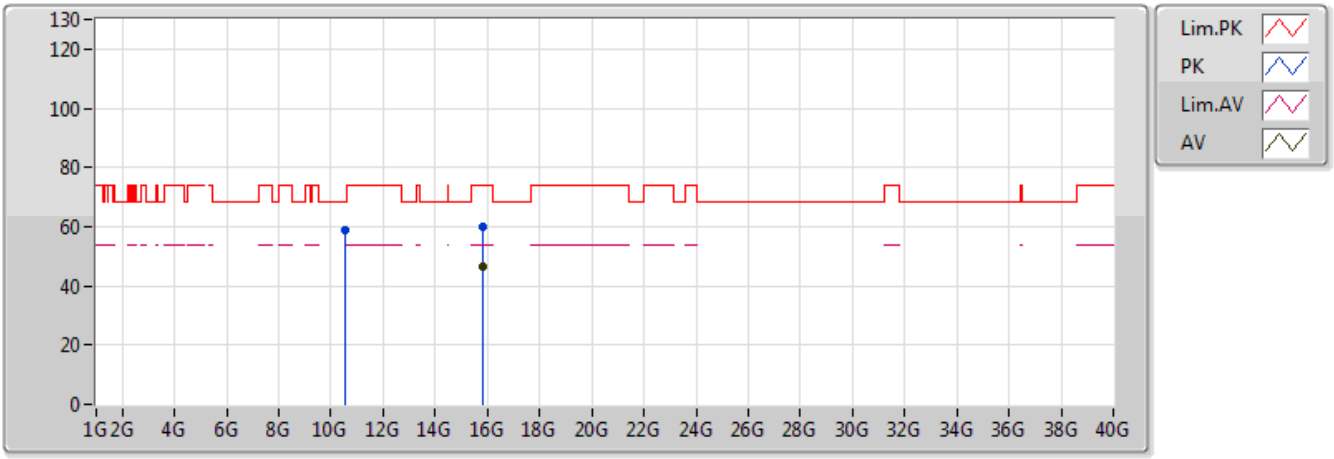


20171101
EUT Z_1TX_WiFi 1
Setting 99
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.781G	50.30	54.00	-3.70	15.52	3	Vertical	340	1.21
PK	10.5168G	63.61	68.20	-4.59	12.74	3	Vertical	22	1.22
PK	15.7718G	64.61	74.00	-9.39	15.53	3	Vertical	340	1.21

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

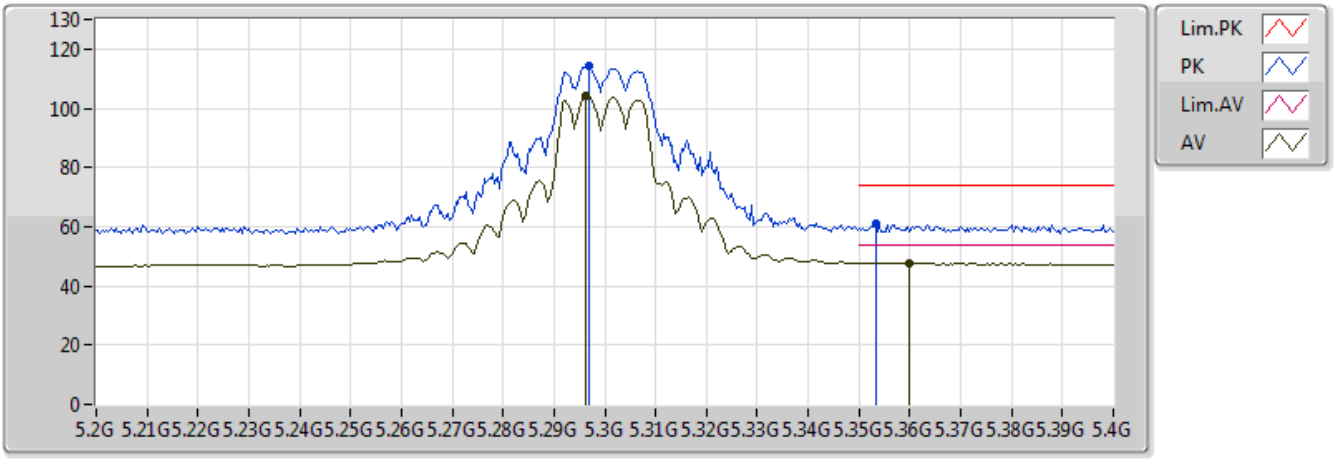


20171101
EUT Z_1TX_WiFi 1
Setting 99
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.8041G	46.46	54.00	-7.54	15.48	3	Horizontal	72	1.42
PK	10.5237G	59.05	68.20	-9.15	12.75	3	Horizontal	16	1.73
PK	15.7952G	60.03	74.00	-13.97	15.49	3	Horizontal	72	1.42

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

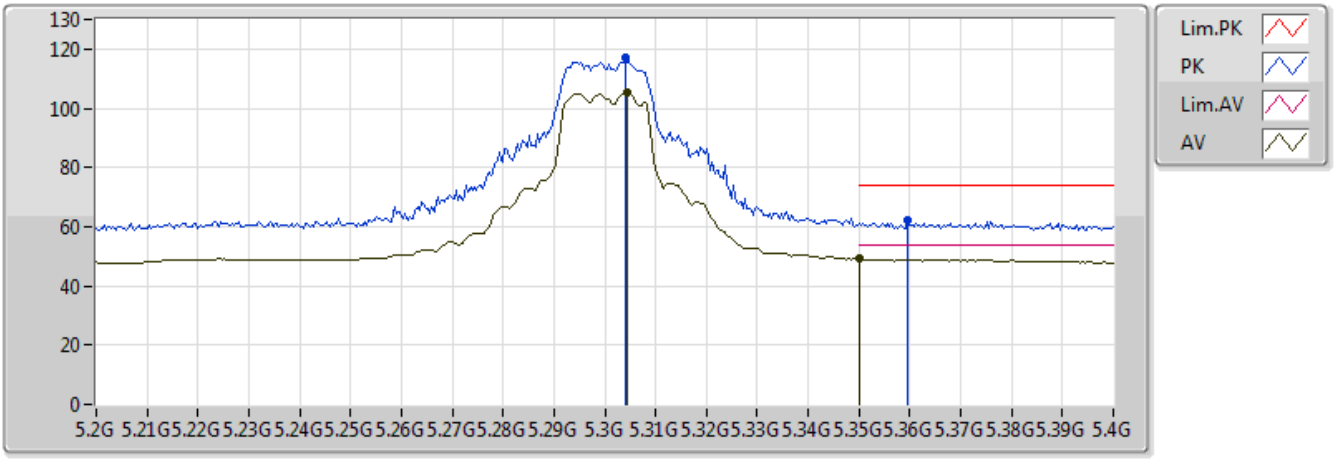


20171101
EUT Z_1TX_WiFi 1
Setting 85
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.2964G	104.18	Inf	-Inf	5.41	3	Vertical	219	2.24
AV	5.36G	47.74	54.00	-6.26	5.66	3	Vertical	219	2.24
PK	5.2968G	114.15	Inf	-Inf	5.42	3	Vertical	219	2.24
PK	5.3532G	61.02	74.00	-12.98	5.63	3	Vertical	219	2.24

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

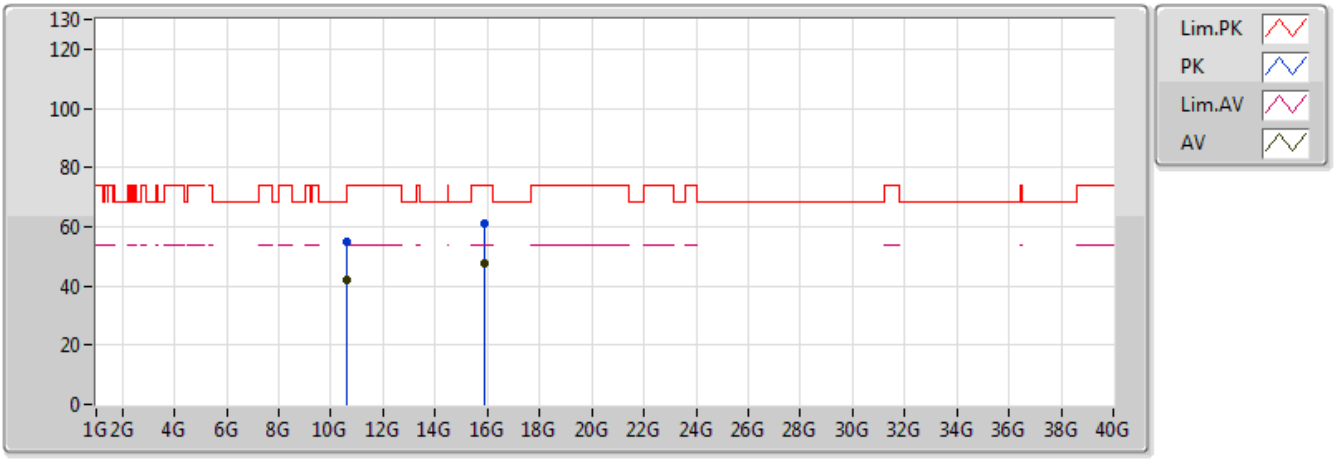


20171101
EUT Z_1TX_WiFi 1
Setting 85
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.3044G	105.37	Inf	-Inf	5.45	3	Horizontal	90	1.28
AV	5.350005G	49.06	54.00	-4.94	5.62	3	Horizontal	90	1.28
PK	5.304G	116.90	Inf	-Inf	5.45	3	Horizontal	90	1.28
PK	5.3596G	62.46	74.00	-11.54	5.66	3	Horizontal	90	1.28

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

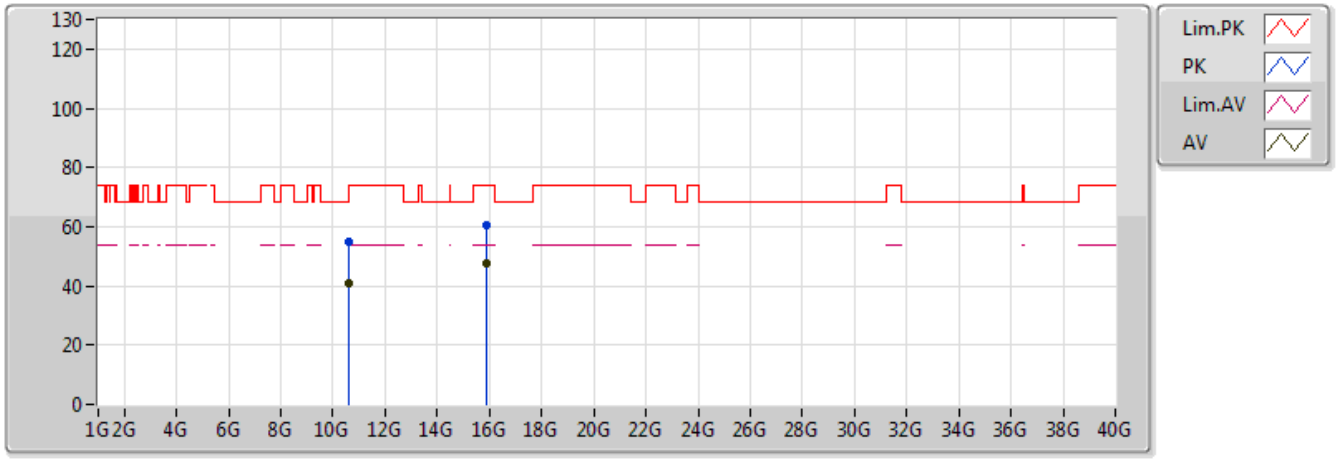


20171101
EUT Z_1TX_WiFi 1
Setting 85
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.60092G	41.94	54.00	-12.06	12.82	3	Vertical	228	1.66
AV	15.89188G	47.70	54.00	-6.30	15.36	3	Vertical	237	1.22
PK	10.60068G	55.05	74.00	-18.95	12.82	3	Vertical	228	1.66
PK	15.89548G	61.30	74.00	-12.70	15.35	3	Vertical	237	1.22

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

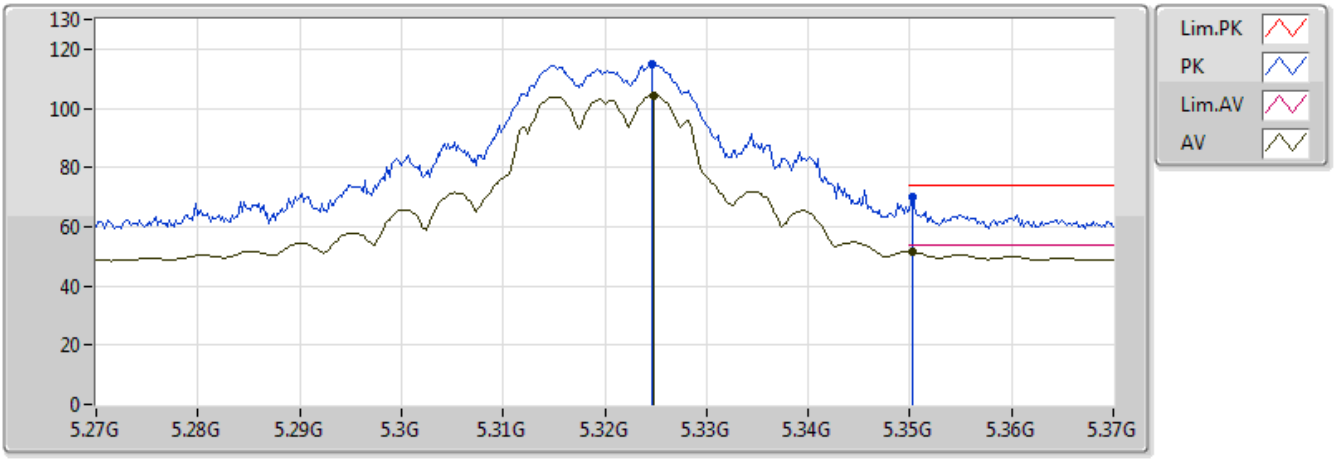


20171101
EUT Z_1TX_WiFi 1
Setting 85
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.60012G	40.99	54.00	-13.01	12.82	3	Horizontal	271	1.32
AV	15.89528G	47.64	54.00	-6.36	15.35	3	Horizontal	40	1.44
PK	10.60124G	55.09	74.00	-18.91	12.82	3	Horizontal	271	1.32
PK	15.89172G	60.76	74.00	-13.24	15.36	3	Horizontal	40	1.44

802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX

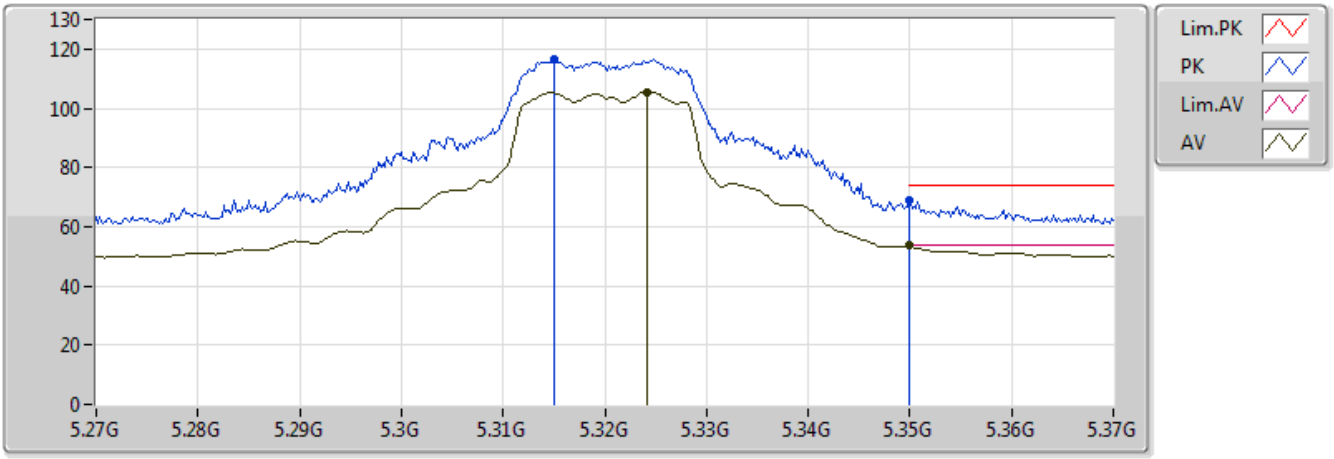


20171101
EUT Z_1TX_WiFi 1
Setting 85
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.3248G	104.33	Inf	-Inf	5.52	3	Vertical	225	2.22
AV	5.3502G	51.73	54.00	-2.27	5.62	3	Vertical	225	2.22
PK	5.3246G	115.14	Inf	-Inf	5.52	3	Vertical	225	2.22
PK	5.3502G	69.97	74.00	-4.03	5.62	3	Vertical	225	2.22

802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX

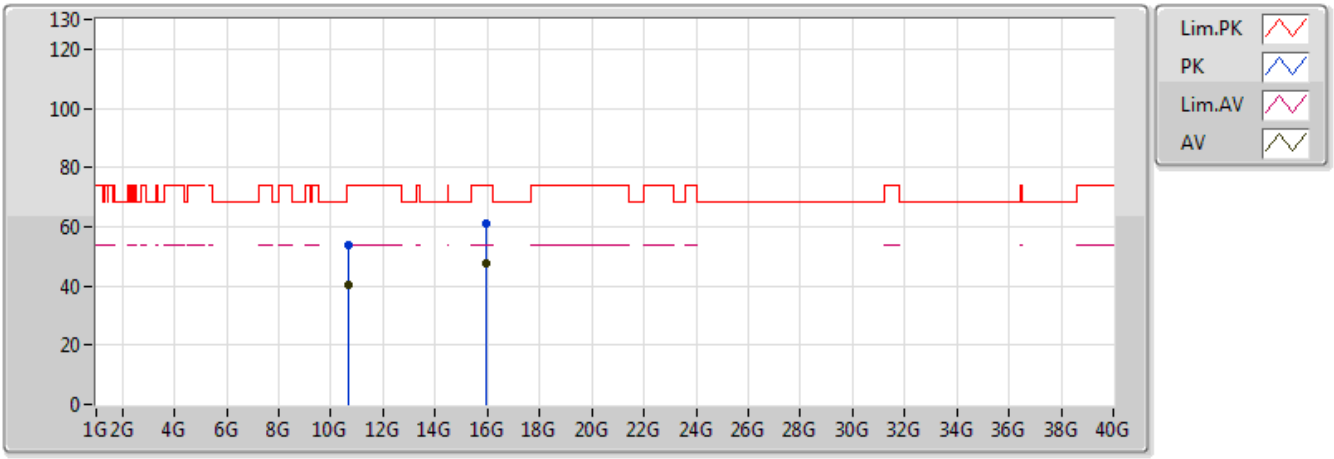


20171101
EUT Z_1TX_WiFi 1
Setting 85
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.3242G	105.46	Inf	-Inf	5.52	3	Horizontal	91	1.05
AV	5.350005G	53.63	54.00	-0.37	5.62	3	Horizontal	91	1.05
PK	5.315G	116.38	Inf	-Inf	5.49	3	Horizontal	91	1.05
PK	5.350005G	69.05	74.00	-4.95	5.62	3	Horizontal	91	1.05

802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX

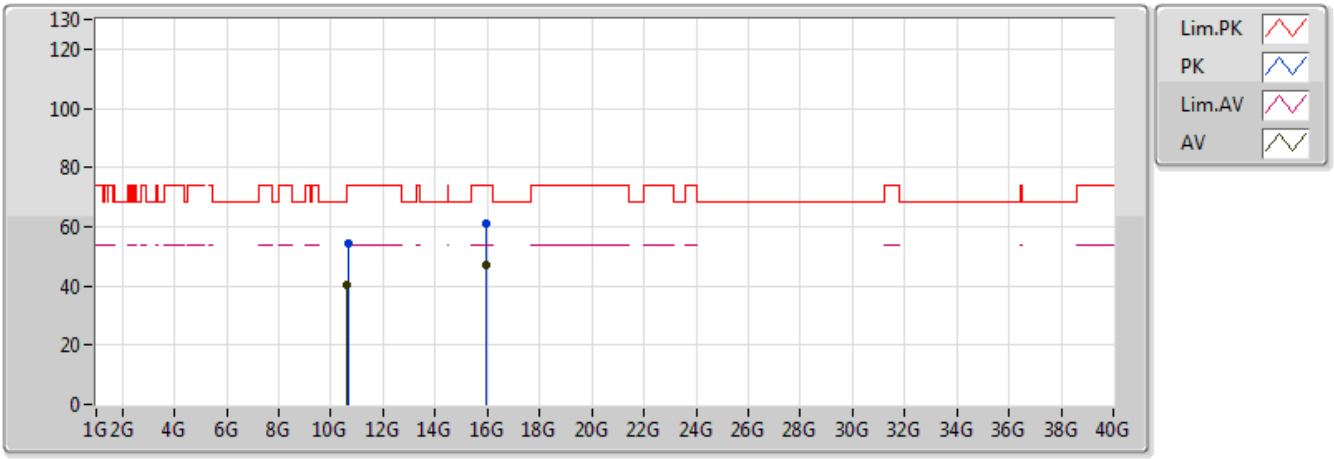


20171101
EUT Z_1TX_WiFi 1
Setting 85
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.6493G	40.32	54.00	-13.68	12.86	3	Vertical	314	2.42
AV	15.9616G	47.51	54.00	-6.49	15.26	3	Vertical	226	2.34
PK	10.6544G	53.97	74.00	-20.03	12.86	3	Vertical	314	2.42
PK	15.95828G	61.21	74.00	-12.79	15.26	3	Vertical	226	2.34

802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX

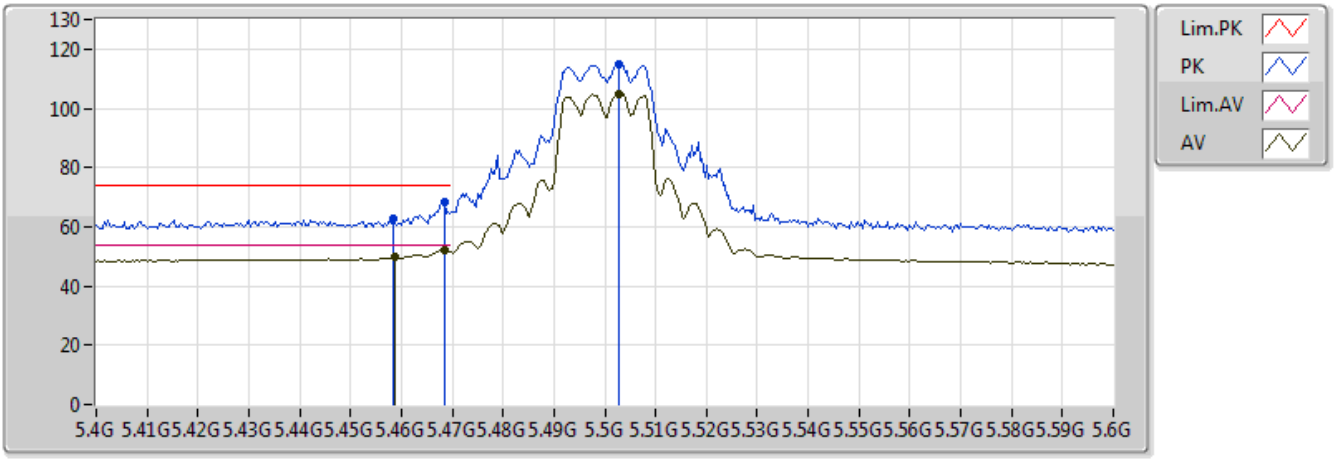


20171101
EUT Z_1TX_WiFi 1
Setting 85
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.63742G	40.38	54.00	-13.62	12.85	3	Horizontal	99	2.26
AV	15.95612G	47.33	54.00	-6.67	15.26	3	Horizontal	275	1.29
PK	10.63964G	54.32	74.00	-19.68	12.85	3	Horizontal	99	2.26
PK	15.96416G	60.95	74.00	-13.05	15.25	3	Horizontal	275	1.29

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

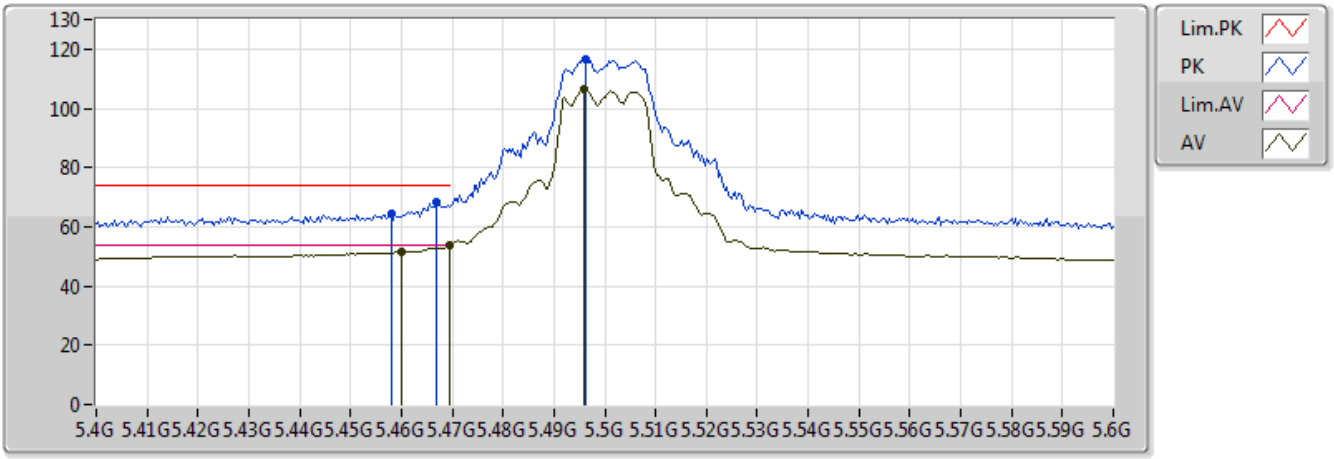


20171101
EUT Z_1TX_WiFi 1
Setting 85
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.4588G	49.73	54.00	-4.27	5.93	3	Vertical	251	1.19
AV	5.4684G	52.13	54.00	-1.87	5.95	3	Vertical	251	1.19
AV	5.5028G	105.06	Inf	-Inf	6.02	3	Vertical	251	1.19
PK	5.4584G	62.79	74.00	-11.21	5.93	3	Vertical	251	1.19
PK	5.4684G	68.11	74.00	-5.89	5.95	3	Vertical	251	1.19
PK	5.5028G	115.01	Inf	-Inf	6.02	3	Vertical	251	1.19

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

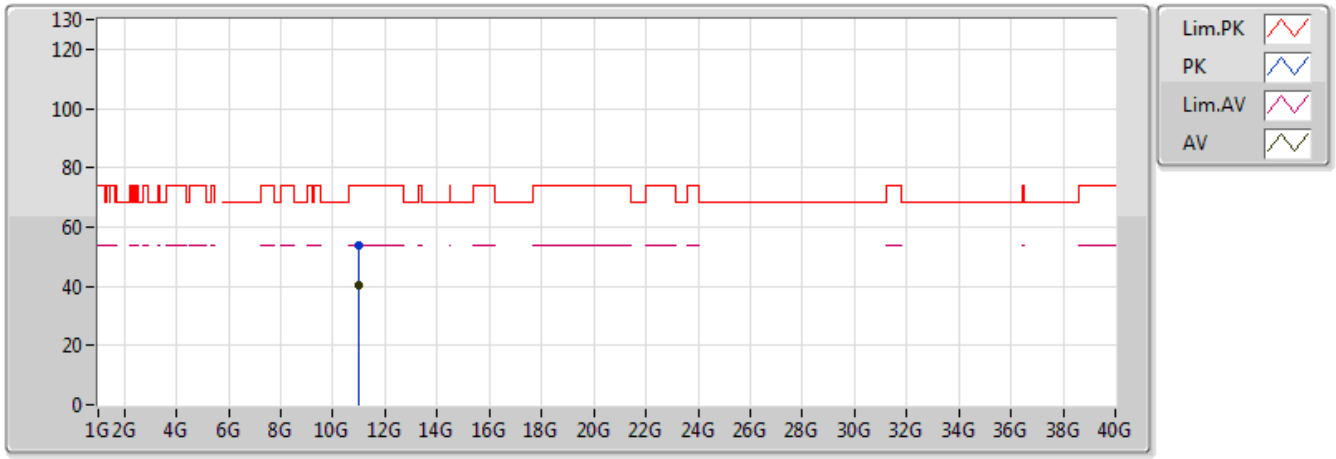


20171101
EUT Z_1TX_WiFi 1
Setting 85
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.4599G	51.55	54.00	-2.45	5.93	3	Horizontal	93	1.28
AV	5.4696G	53.90	54.00	-0.10	5.95	3	Horizontal	93	1.28
AV	5.496G	106.41	Inf	-Inf	6.00	3	Horizontal	93	1.28
PK	5.458G	64.51	74.00	-9.49	5.93	3	Horizontal	93	1.28
PK	5.4668G	68.58	74.00	-5.42	5.94	3	Horizontal	93	1.28
PK	5.4964G	116.36	Inf	-Inf	6.00	3	Horizontal	93	1.28

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

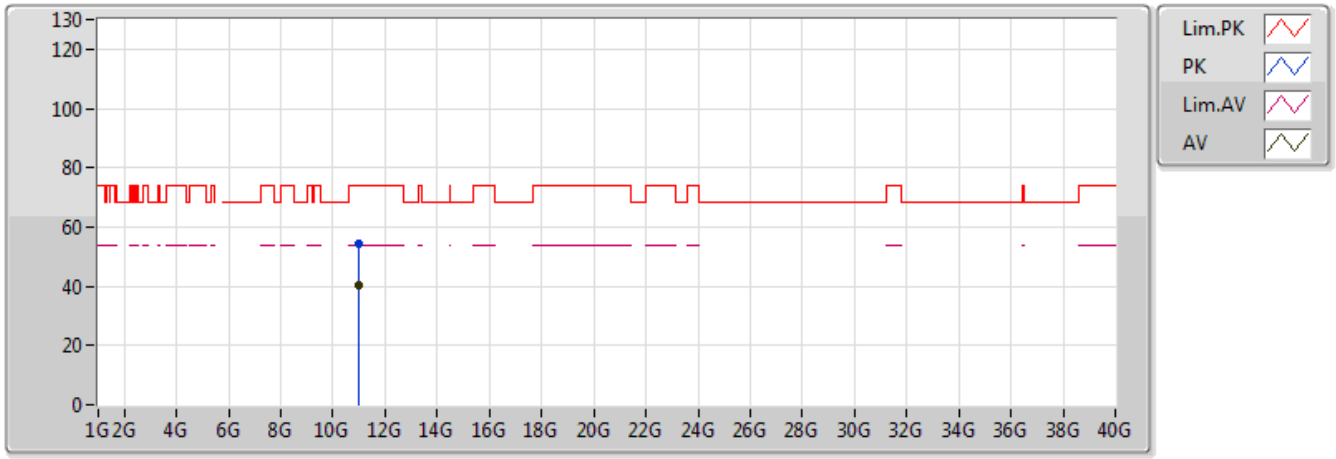


20171101
EUT Z_1TX_WiFi 1
Setting 85
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.00042G	40.11	54.00	-13.89	13.16	3	Vertical	70	2.50
PK	11.01098G	53.71	74.00	-20.29	13.16	3	Vertical	70	2.50

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

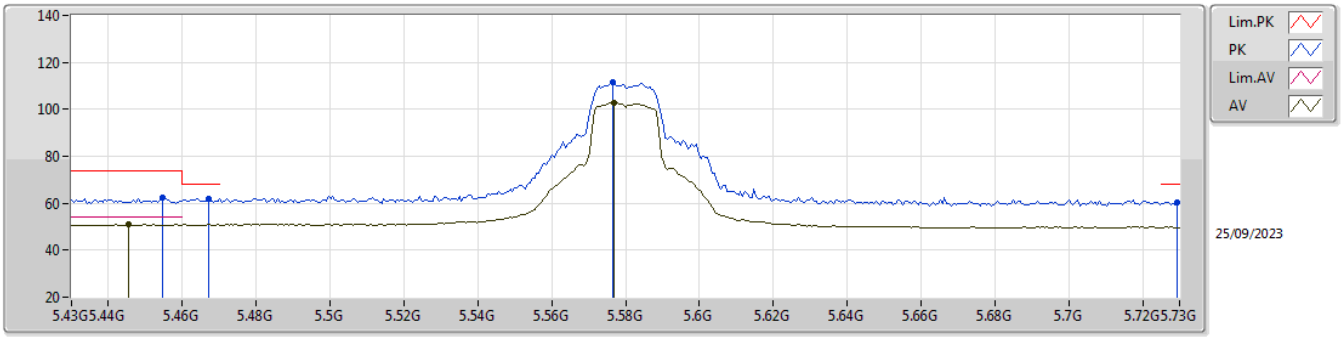


20171101
EUT Z_1TX_WiFi 1
Setting 85
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.00504G	40.15	54.00	-13.85	13.16	3	Horizontal	335	1.52
PK	11.00462G	54.18	74.00	-19.82	13.16	3	Horizontal	335	1.52

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

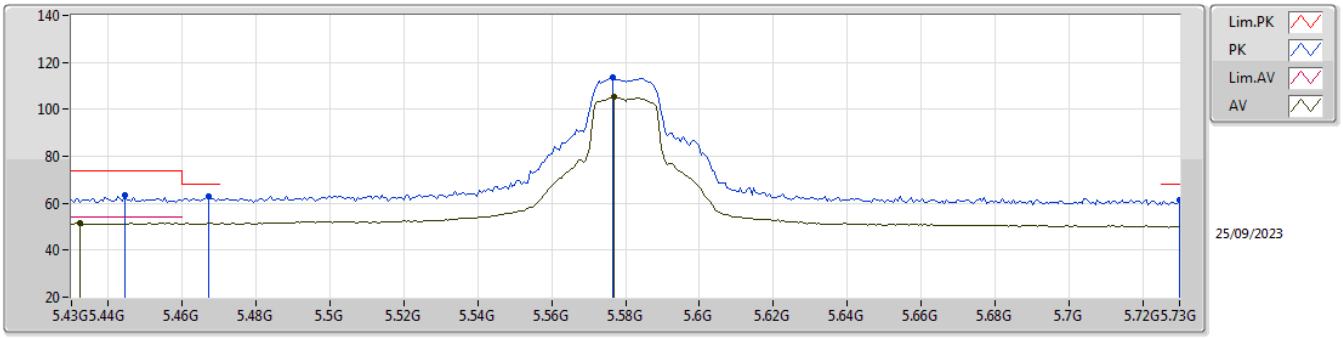


EUT Z_1TX
Setting 22.5
03-L-J-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4546G	62.61	74.00	-11.39	55.95	3	Vertical	274	2.23	-	34.60	6.95	34.89
AV	5.4456G	51.02	54.00	-2.98	44.38	3	Vertical	274	2.23	-	34.58	6.95	34.89
PK	5.4672G	62.07	68.20	-6.13	55.40	3	Vertical	274	2.23	-	34.60	6.97	34.90
PK	5.5764G	111.36	Inf	-Inf	104.73	3	Vertical	274	2.23	-	34.49	7.08	34.94
AV	5.577G	102.95	Inf	-Inf	96.32	3	Vertical	274	2.23	-	34.49	7.08	34.94
PK	5.7294G	60.56	68.20	-7.64	54.21	3	Vertical	274	2.23	-	34.20	7.16	35.01

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

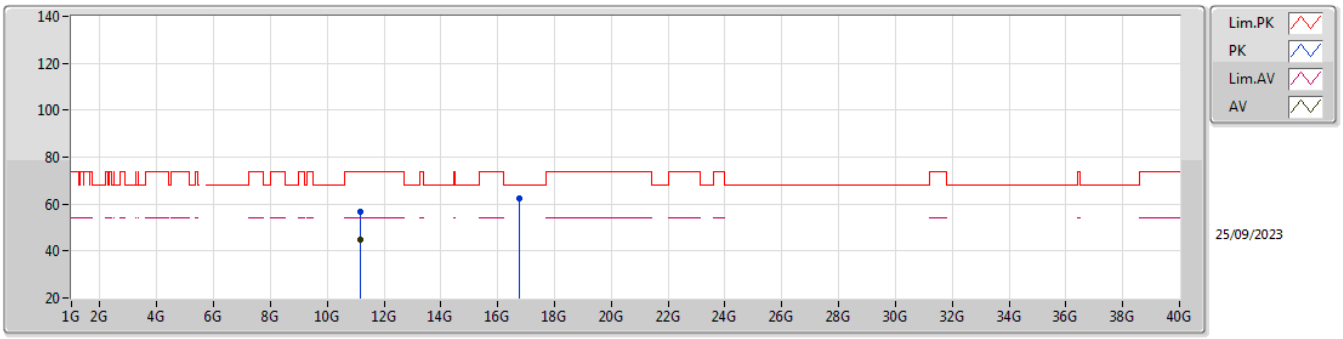


EUT Z_1TX
Setting 22.5
03-L-J-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4444G	63.52	74.00	-10.48	56.89	3	Horizontal	329	2.71	-	34.58	6.94	34.89
AV	5.4324G	51.40	54.00	-2.60	44.83	3	Horizontal	329	2.71	-	34.53	6.93	34.89
PK	5.4672G	62.89	68.20	-5.31	56.22	3	Horizontal	329	2.71	-	34.60	6.97	34.90
PK	5.5764G	113.73	Inf	-Inf	107.10	3	Horizontal	329	2.71	-	34.49	7.08	34.94
AV	5.577G	105.18	Inf	-Inf	98.55	3	Horizontal	329	2.71	-	34.49	7.08	34.94
PK	5.73G	61.55	68.20	-6.65	55.19	3	Horizontal	329	2.71	-	34.20	7.17	35.01

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

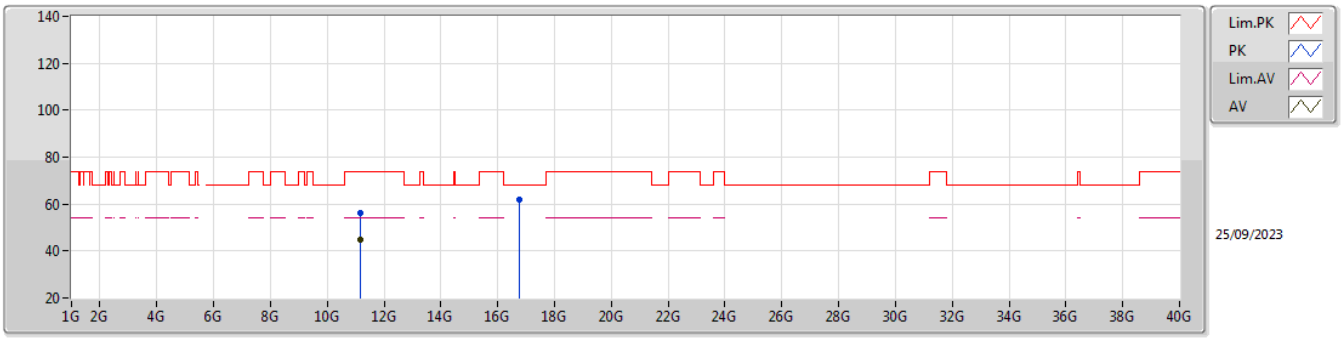


EUT Z_1TX
Setting 22.5
03-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15778G	56.73	74.00	-17.27	71.18	3	Vertical	173	2.09	-	38.52	12.64	65.61
AV	11.17068G	44.87	54.00	-9.13	59.28	3	Vertical	173	2.09	-	38.54	12.64	65.59
PK	16.75062G	62.16	68.20	-6.04	68.20	3	Vertical	100	2.53	-	38.95	17.15	62.14

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

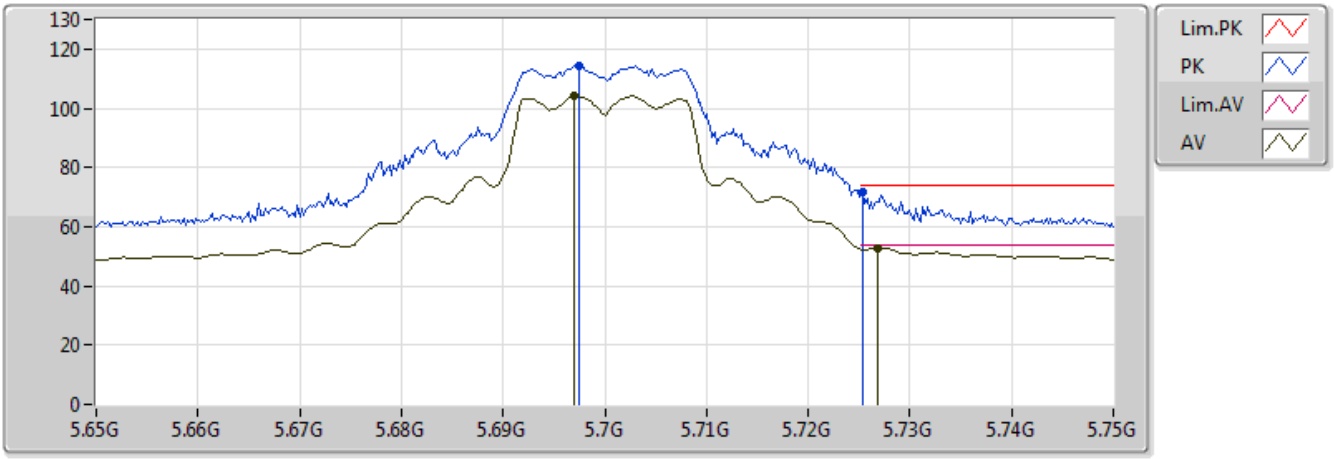


EUT Z_1TX
Setting 22.5
03-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.16828G	56.43	74.00	-17.57	70.84	3	Horizontal	213	1.97	-	38.54	12.64	65.59
AV	11.15394G	44.72	54.00	-9.28	59.20	3	Horizontal	213	1.97	-	38.51	12.63	65.62
PK	16.74228G	61.77	68.20	-6.43	67.83	3	Horizontal	276	1.27	-	38.93	17.15	62.14

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

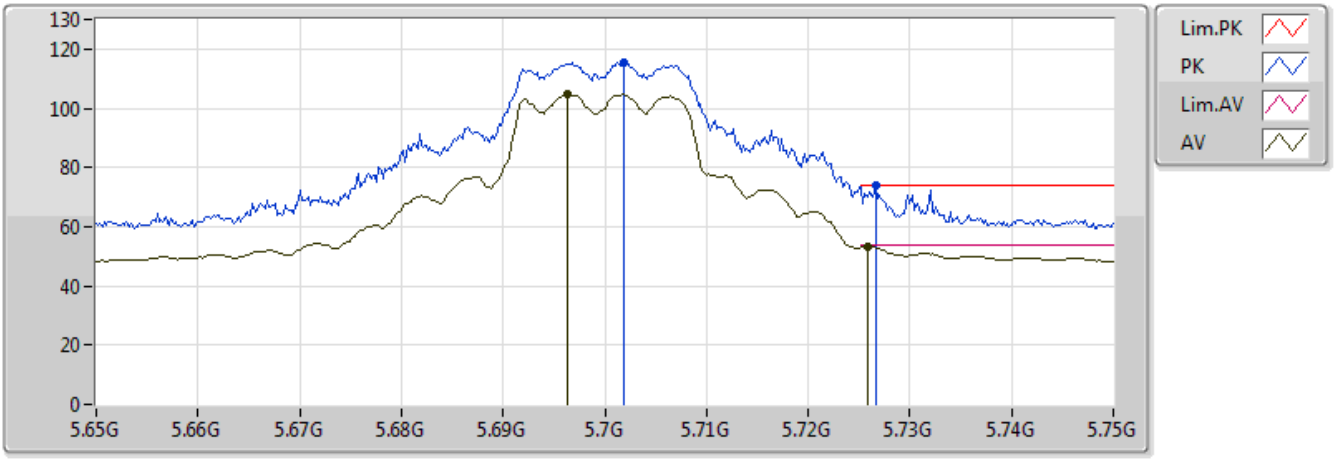


20171101
EUT Z_1TX_WiFi 1
Setting 85
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.697G	104.13	Inf	-Inf	6.73	3	Vertical	262	1.14
AV	5.7268G	52.74	54.00	-1.26	6.86	3	Vertical	262	1.14
PK	5.6974G	114.40	Inf	-Inf	6.73	3	Vertical	262	1.14
PK	5.7254G	71.78	74.00	-2.22	6.85	3	Vertical	262	1.14

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

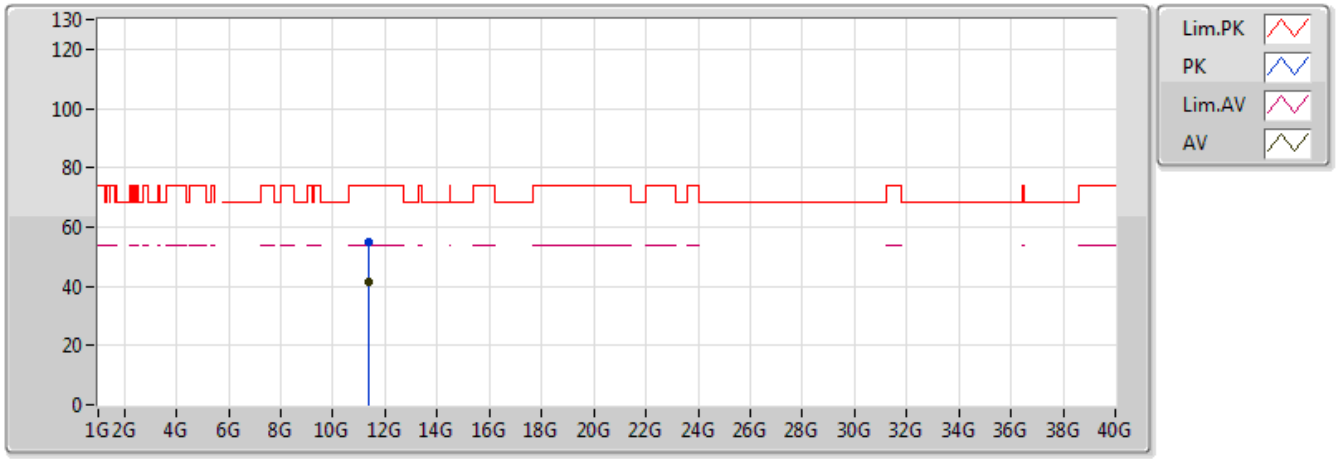


20171101
EUT Z_1TX_WiFi 1
Setting 85
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.6964G	104.94	Inf	-Inf	6.72	3	Horizontal	254	2.48
AV	5.7258G	53.24	54.00	-0.76	6.85	3	Horizontal	254	2.48
PK	5.7018G	115.43	Inf	-Inf	6.75	3	Horizontal	254	2.48
PK	5.7266G	73.77	74.00	-0.23	6.85	3	Horizontal	254	2.48

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

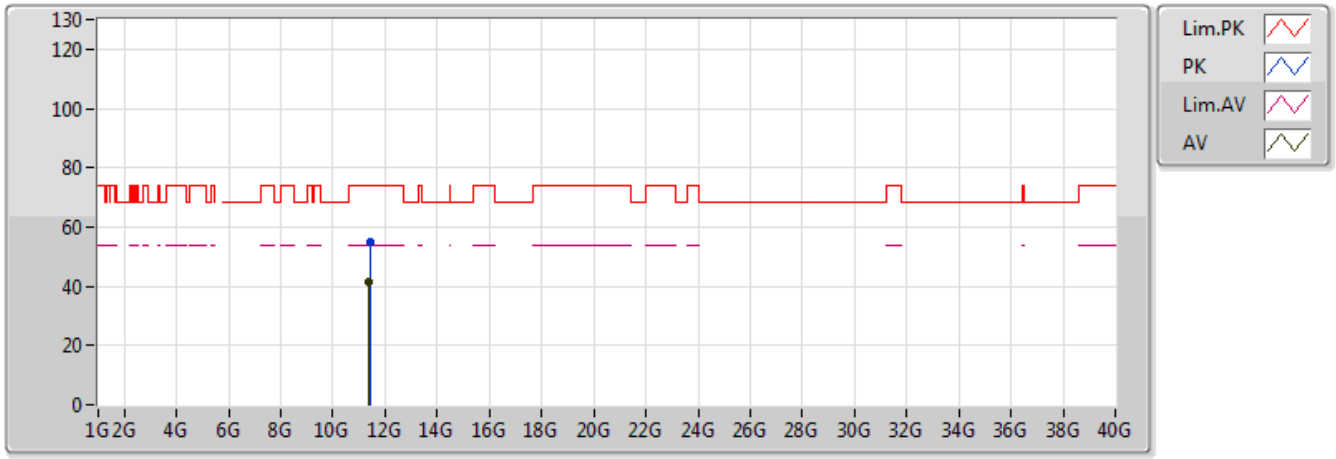


20171101
EUT Z_1TX_WiFi 1
Setting 85
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.39766G	41.26	54.00	-12.74	13.26	3	Vertical	255	1.41
PK	11.39796G	54.94	74.00	-19.06	13.26	3	Vertical	255	1.41

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

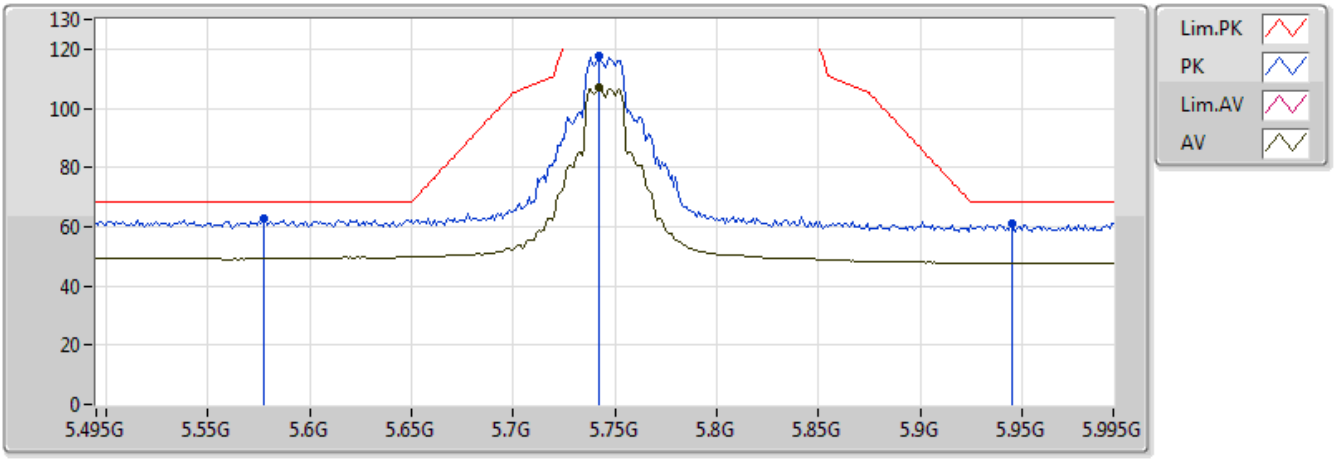


20171101
EUT Z_1TX_WiFi 1
Setting 85
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.3889G	41.28	54.00	-12.72	13.25	3	Horizontal	347	1.79
PK	11.41368G	55.06	74.00	-18.94	13.26	3	Horizontal	347	1.79

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

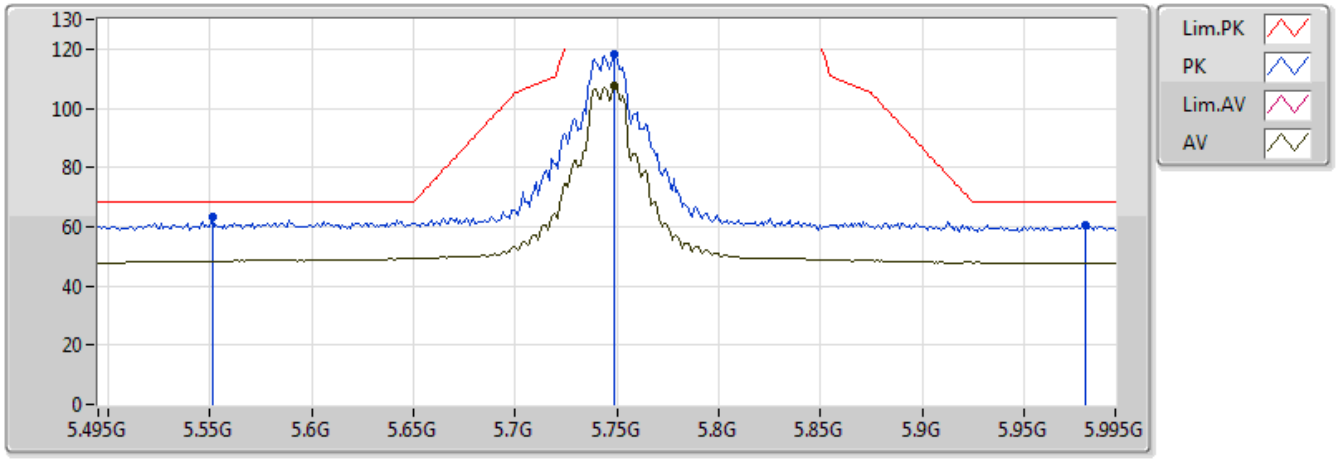


20171101
EUT Z_1TX_WiFi 1
Setting 99
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.742G	106.98	Inf	-Inf	6.92	3	Vertical	263	1.05
PK	5.577G	62.66	68.20	-5.54	6.23	3	Vertical	263	1.05
PK	5.742G	117.61	Inf	-Inf	6.92	3	Vertical	263	1.05
PK	5.945G	61.15	68.20	-7.05	7.48	3	Vertical	263	1.05

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

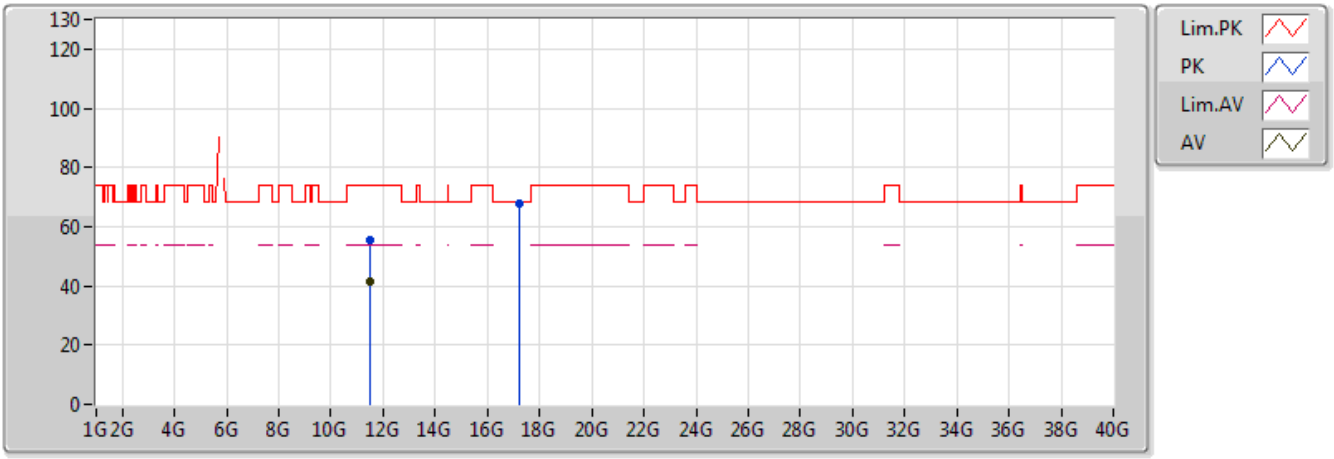


20171101
EUT Z_1TX_WiFi 1
Setting 99
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.749G	107.68	Inf	-Inf	6.95	3	Horizontal	238	2.49
PK	5.551G	63.26	68.20	-4.94	6.16	3	Horizontal	238	2.49
PK	5.749G	118.14	Inf	-Inf	6.95	3	Horizontal	238	2.49
PK	5.98G	60.63	68.20	-7.57	7.56	3	Horizontal	238	2.49

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

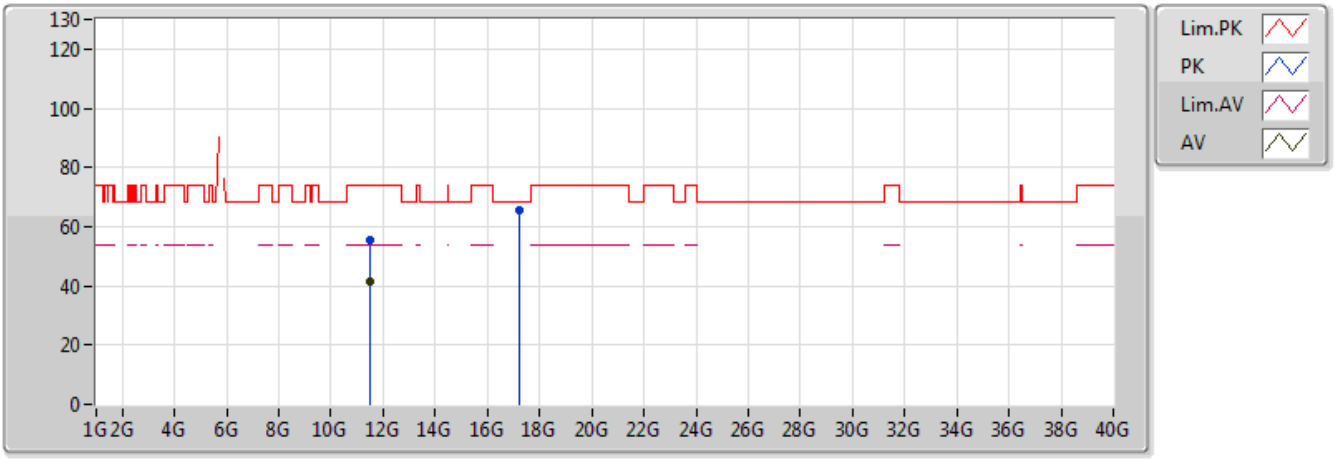


20171101
EUT Z_1TX_WiFi 1
Setting 99
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.4873G	41.63	54.00	-12.37	13.28	3	Vertical	24	1.17
PK	11.4777G	55.30	74.00	-18.70	13.27	3	Vertical	24	1.17
PK	17.23428G	67.86	68.20	-0.34	20.21	3	Vertical	292	1.50

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

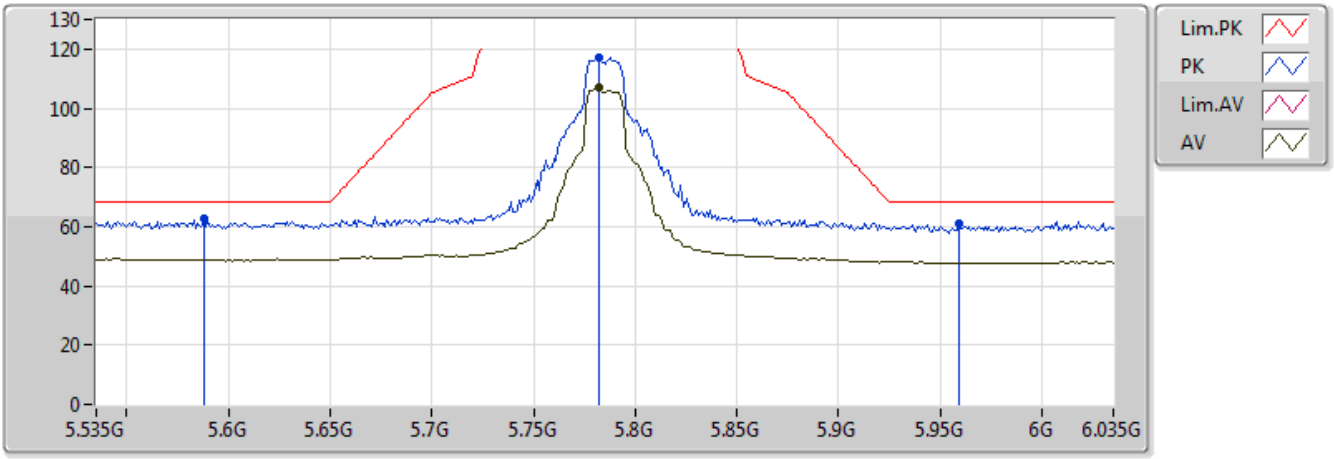


20171101
EUT Z_1TX_WiFi 1
Setting 99
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.49162G	41.59	54.00	-12.41	13.28	3	Horizontal	71	1.36
PK	11.502G	55.32	74.00	-18.68	13.28	3	Horizontal	71	1.36
PK	17.22366G	65.50	68.20	-2.70	20.19	3	Horizontal	280	1.45

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

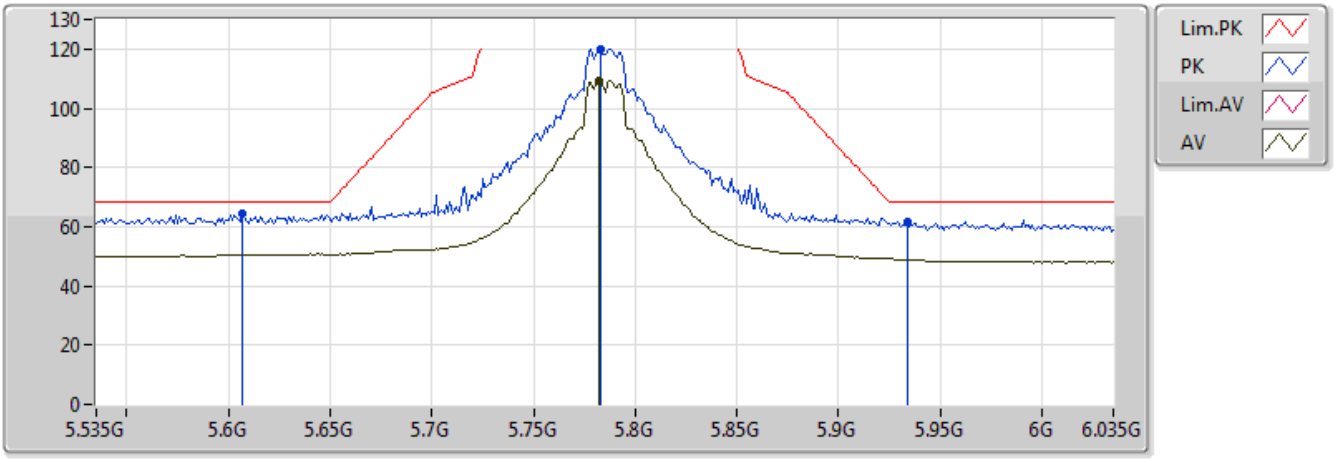


20171101
EUT Z_1TX_WiFi 1
Setting 99
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.782G	106.78	Inf	-Inf	7.09	3	Vertical	275	1.18
PK	5.588G	62.59	68.20	-5.61	6.27	3	Vertical	275	1.18
PK	5.782G	117.09	Inf	-Inf	7.09	3	Vertical	275	1.18
PK	5.959G	60.86	68.20	-7.34	7.51	3	Vertical	275	1.18

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

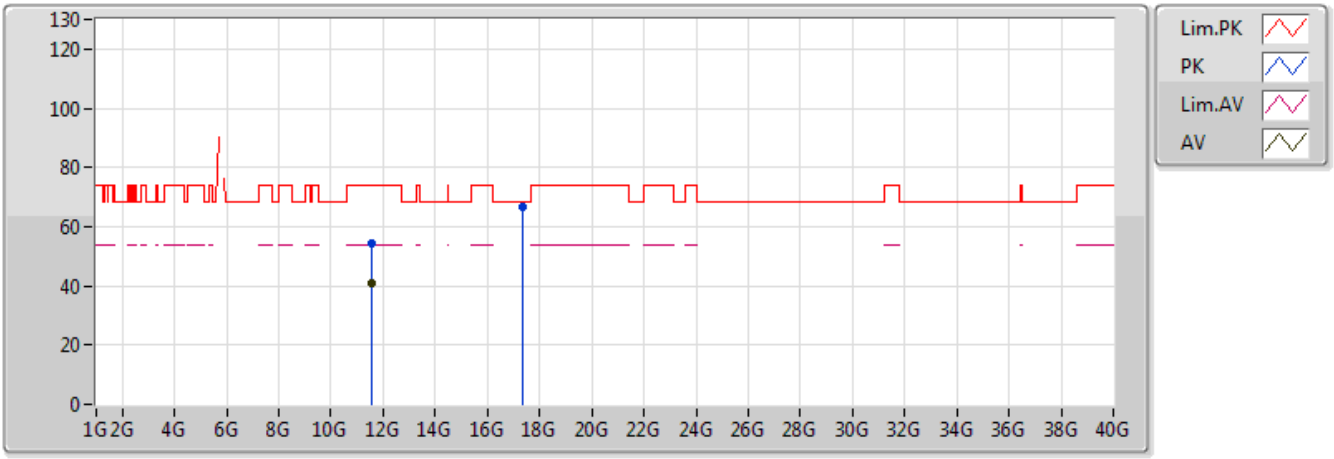


20171101
EUT Z_1TX_WiFi 1
Setting 99
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.782G	109.40	Inf	-Inf	7.09	3	Horizontal	94	1.27
PK	5.607G	64.19	68.20	-4.01	6.33	3	Horizontal	94	1.27
PK	5.783G	120.17	Inf	-Inf	7.10	3	Horizontal	94	1.27
PK	5.934G	61.81	68.20	-6.39	7.45	3	Horizontal	94	1.27

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

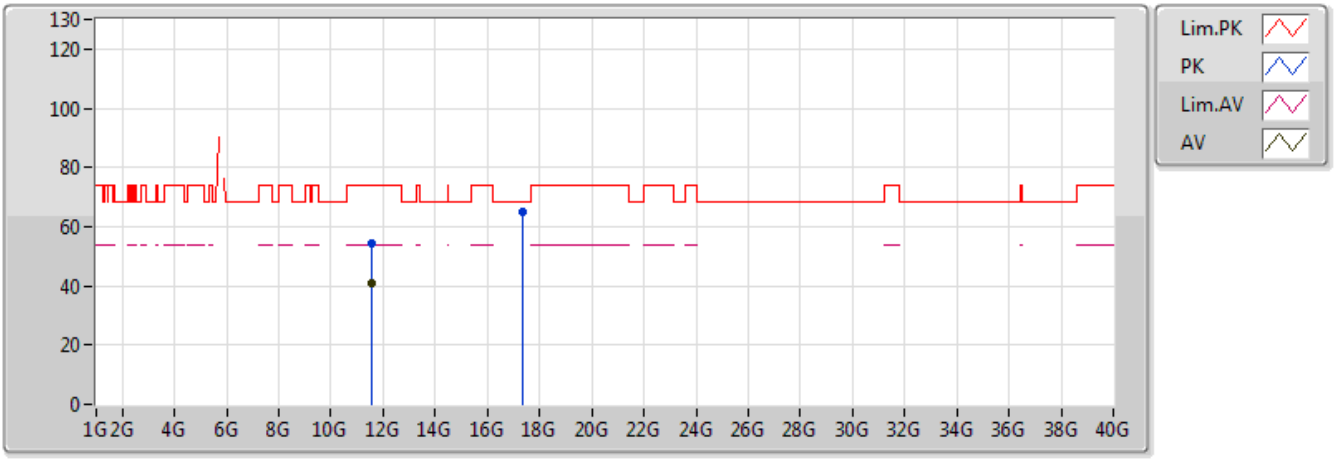


20171101
EUT Z_1TX_WiFi 1
Setting 99
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.555G	40.92	54.00	-13.08	13.29	3	Vertical	152	1.39
PK	11.5601G	54.51	74.00	-19.49	13.29	3	Vertical	152	1.39
PK	17.34942G	66.53	68.20	-1.67	20.45	3	Vertical	247	2.22

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

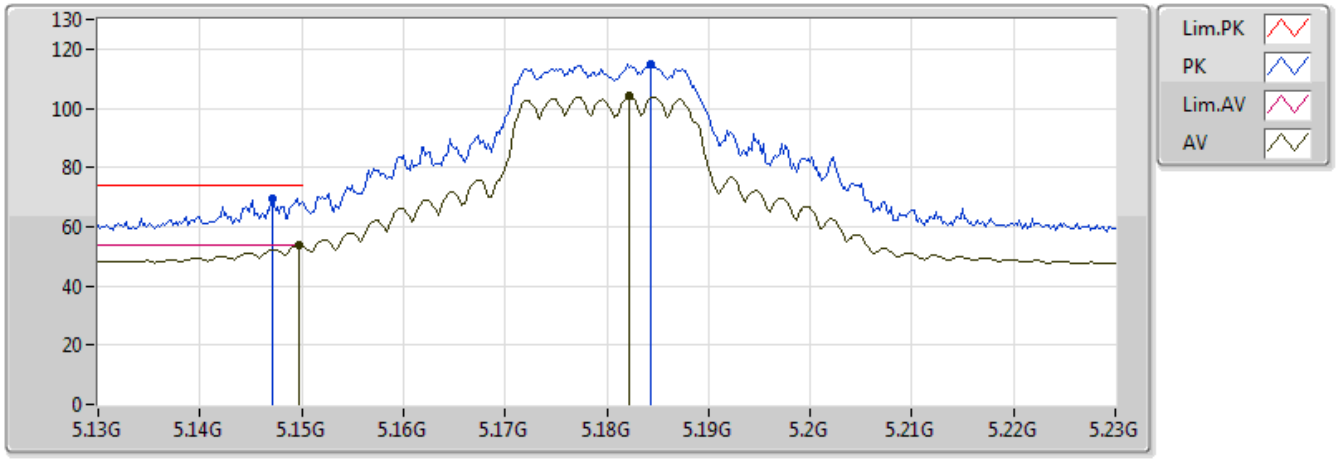


20171101
EUT Z_1TX_WiFi 1
Setting 99
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.5604G	40.91	54.00	-13.09	13.29	3	Horizontal	120	2.21
PK	11.56646G	54.38	74.00	-19.62	13.30	3	Horizontal	120	2.21
PK	17.35122G	64.77	68.20	-3.43	20.45	3	Horizontal	87	2.08

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

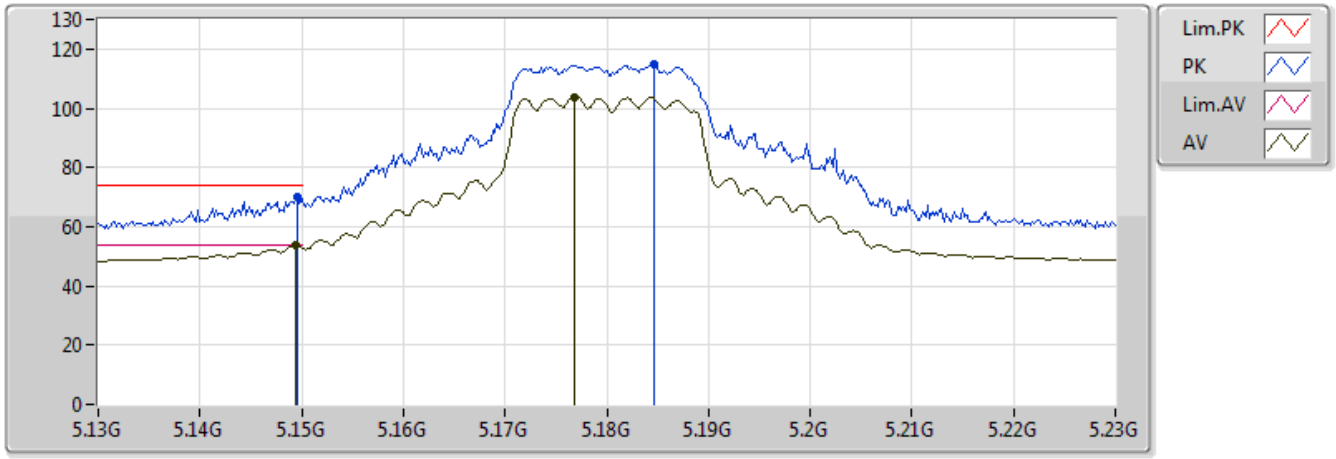


20171101
EUT Z_2TX
Setting 86
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1498G	53.91	54.00	-0.09	4.93	3	Vertical	230	2.33
AV	5.1822G	103.98	Inf	-Inf	4.97	3	Vertical	230	2.33
PK	5.1472G	69.60	74.00	-4.40	4.93	3	Vertical	230	2.33
PK	5.1844G	114.67	Inf	-Inf	4.97	3	Vertical	230	2.33

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

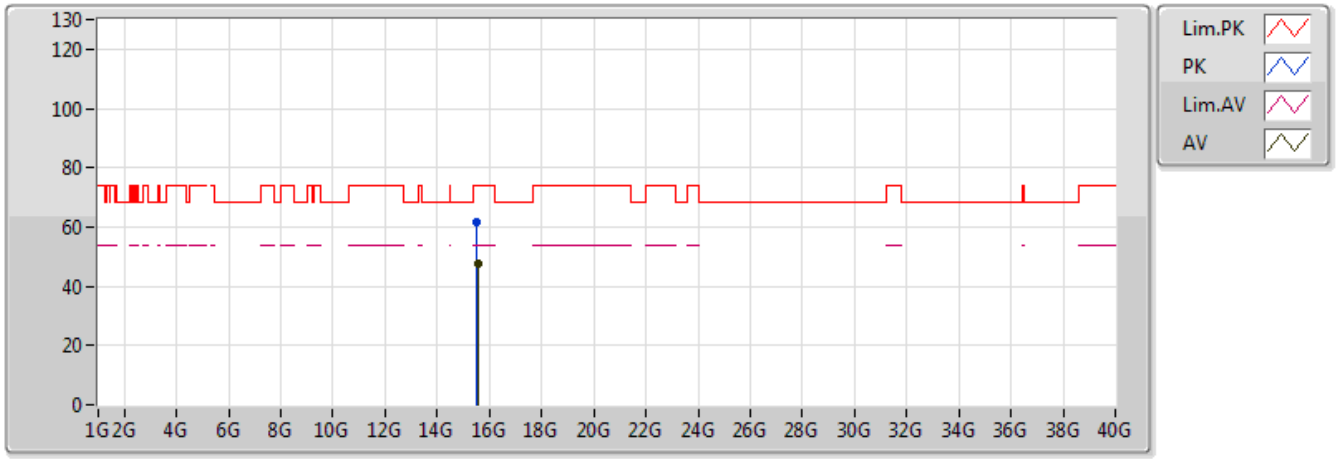


20171101
EUT Z_2TX
Setting 86
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1494G	53.84	54.00	-0.16	4.93	3	Horizontal	88	1.12
AV	5.1768G	103.77	Inf	-Inf	4.96	3	Horizontal	88	1.12
PK	5.1496G	69.92	74.00	-4.08	4.93	3	Horizontal	88	1.12
PK	5.1846G	114.80	Inf	-Inf	4.97	3	Horizontal	88	1.12

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

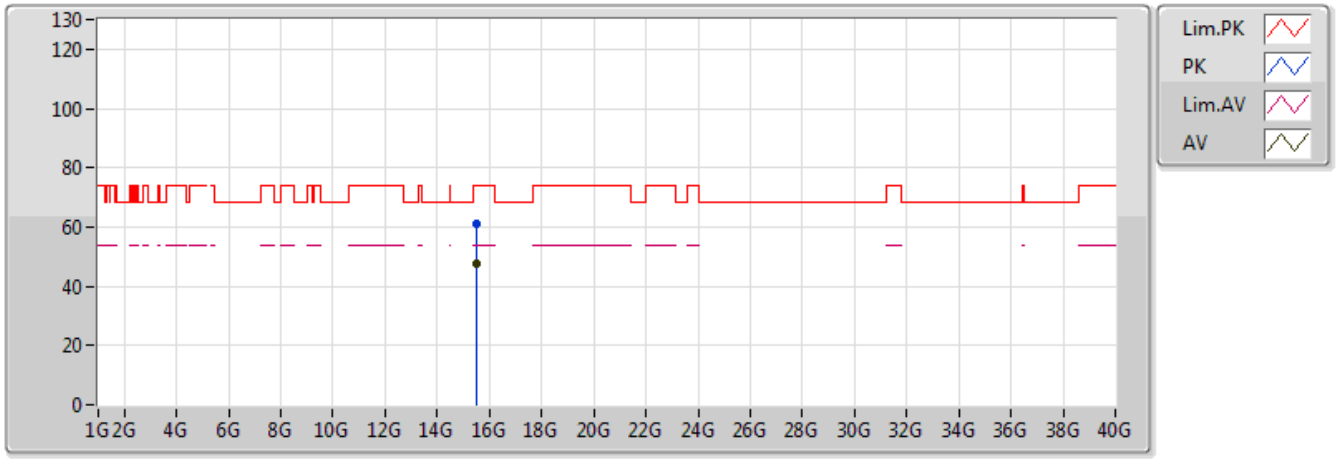


20171101
EUT Z_2TX
Setting 86
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.5397G	47.42	54.00	-6.58	15.86	3	Vertical	180	1.98
PK	15.5262G	61.63	74.00	-12.37	15.88	3	Vertical	180	1.98

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

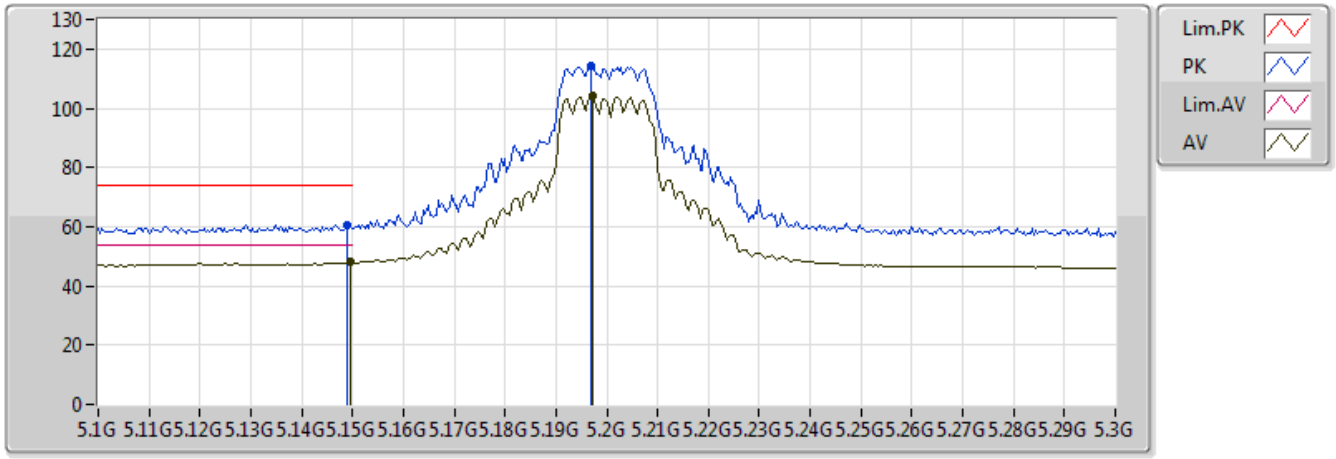


20171101
EUT Z_2TX
Setting 86
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.52866G	47.38	54.00	-6.62	15.88	3	Horizontal	132	1.66
PK	15.5268G	61.25	74.00	-12.75	15.88	3	Horizontal	132	1.66

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

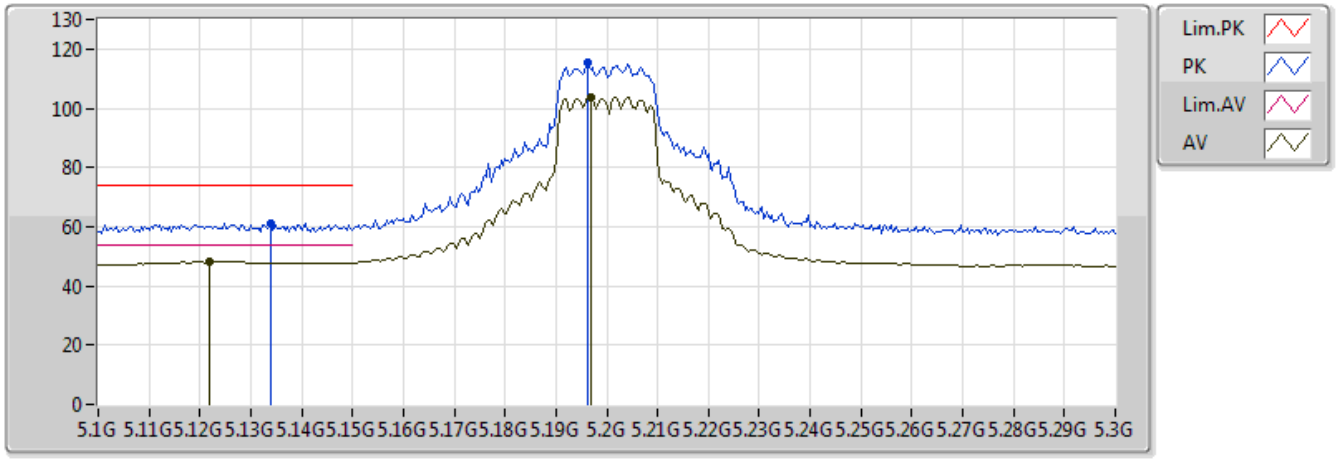


20171101
EUT Z_2TX
Setting 84
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1496G	48.05	54.00	-5.95	4.93	3	Vertical	230	2.17
AV	5.1972G	103.95	Inf	-Inf	4.99	3	Vertical	230	2.17
PK	5.1488G	60.46	74.00	-13.54	4.93	3	Vertical	230	2.17
PK	5.1968G	114.13	Inf	-Inf	4.99	3	Vertical	230	2.17

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

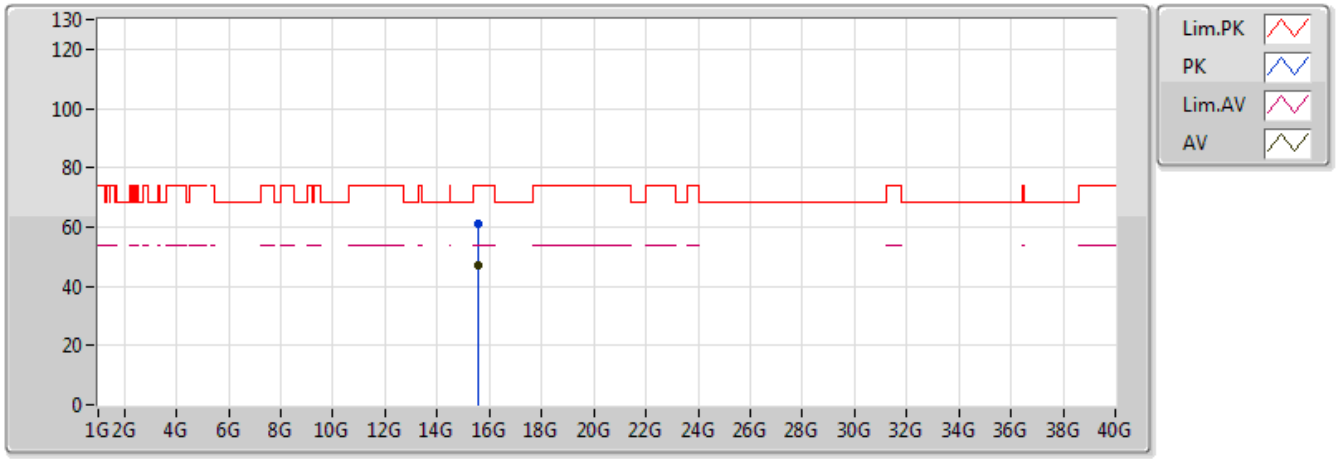


20171101
EUT Z_2TX
Setting 84
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.122G	48.27	54.00	-5.73	4.90	3	Horizontal	255	2.65
AV	5.1968G	103.91	Inf	-Inf	4.99	3	Horizontal	255	2.65
PK	5.134G	61.07	74.00	-12.93	4.91	3	Horizontal	255	2.65
PK	5.1964G	115.21	Inf	-Inf	4.99	3	Horizontal	255	2.65

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

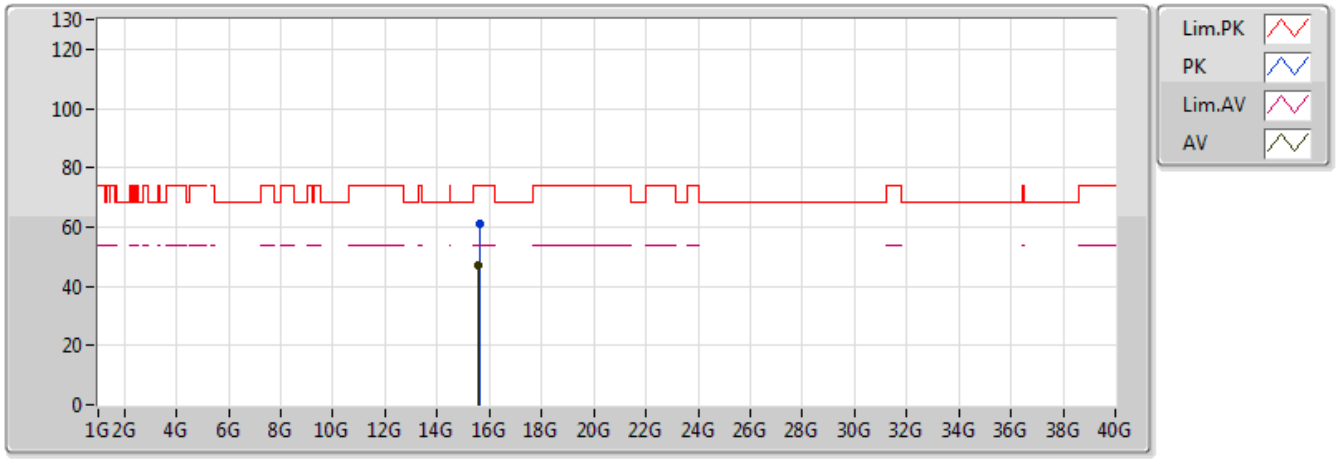


20171101
EUT Z_2TX
Setting 84
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.58662G	47.01	54.00	-6.99	15.80	3	Vertical	76	2.29
PK	15.5964G	61.00	74.00	-13.00	15.78	3	Vertical	76	2.29

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

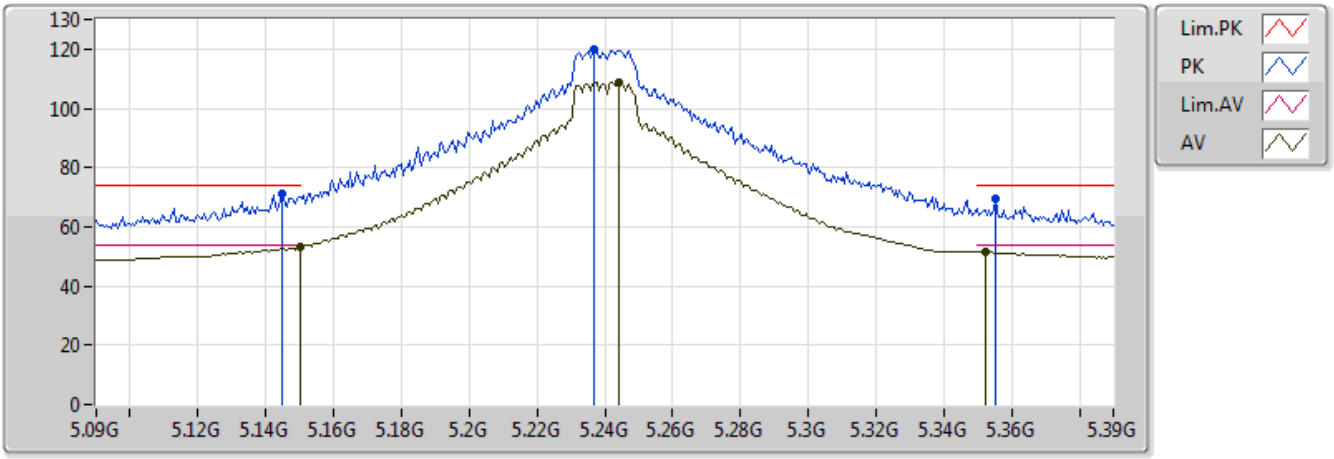


20171101
EUT Z_2TX
Setting 84
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.58524G	47.04	54.00	-6.96	15.80	3	Horizontal	71	1.12
PK	15.60678G	60.80	74.00	-13.20	15.77	3	Horizontal	71	1.12

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

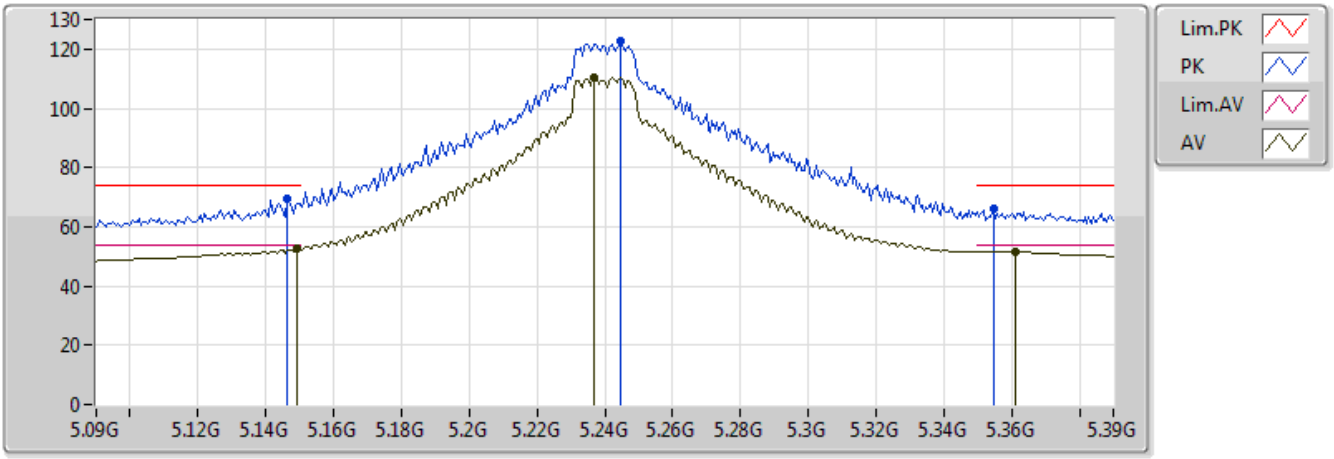


20171101
EUT Z_2TX
Setting 99
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.149995G	53.20	54.00	-0.80	4.93	3	Vertical	255	1.03
AV	5.2442G	108.95	Inf	-Inf	5.18	3	Vertical	255	1.03
AV	5.3522G	51.45	54.00	-2.55	5.63	3	Vertical	255	1.03
PK	5.1446G	71.01	74.00	-2.99	4.92	3	Vertical	255	1.03
PK	5.237G	119.83	Inf	-Inf	5.15	3	Vertical	255	1.03
PK	5.3552G	69.28	74.00	-4.72	5.64	3	Vertical	255	1.03

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

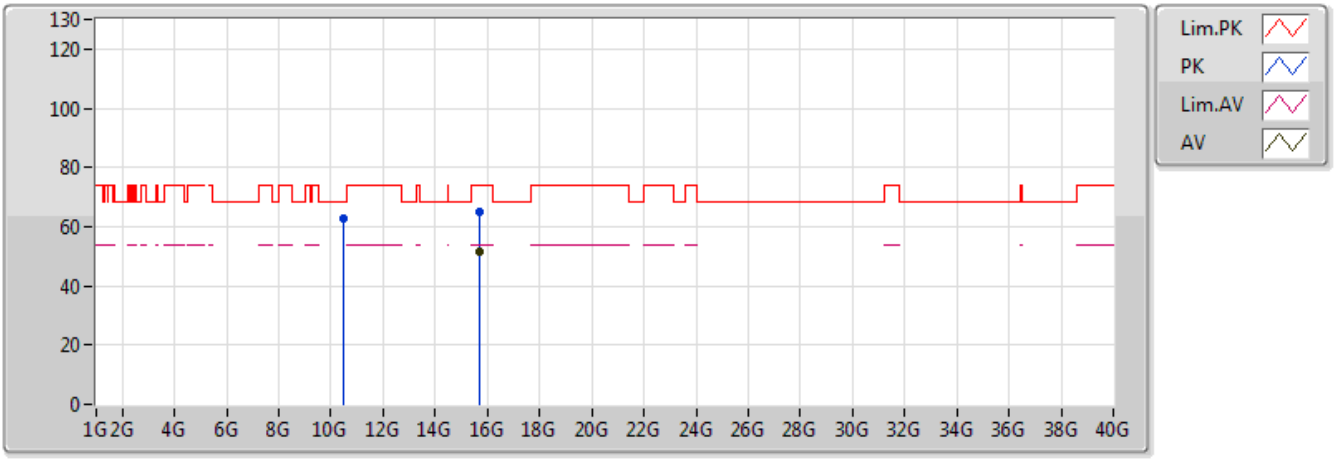


20171101
EUT Z_2TX
Setting 99
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1494G	52.80	54.00	-1.20	4.93	3	Horizontal	91	1.09
AV	5.237G	110.38	Inf	-Inf	5.15	3	Horizontal	91	1.09
AV	5.3612G	51.65	54.00	-2.35	5.66	3	Horizontal	91	1.09
PK	5.1464G	69.25	74.00	-4.75	4.93	3	Horizontal	91	1.09
PK	5.2448G	122.75	Inf	-Inf	5.19	3	Horizontal	91	1.09
PK	5.3546G	65.94	74.00	-8.06	5.64	3	Horizontal	91	1.09

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

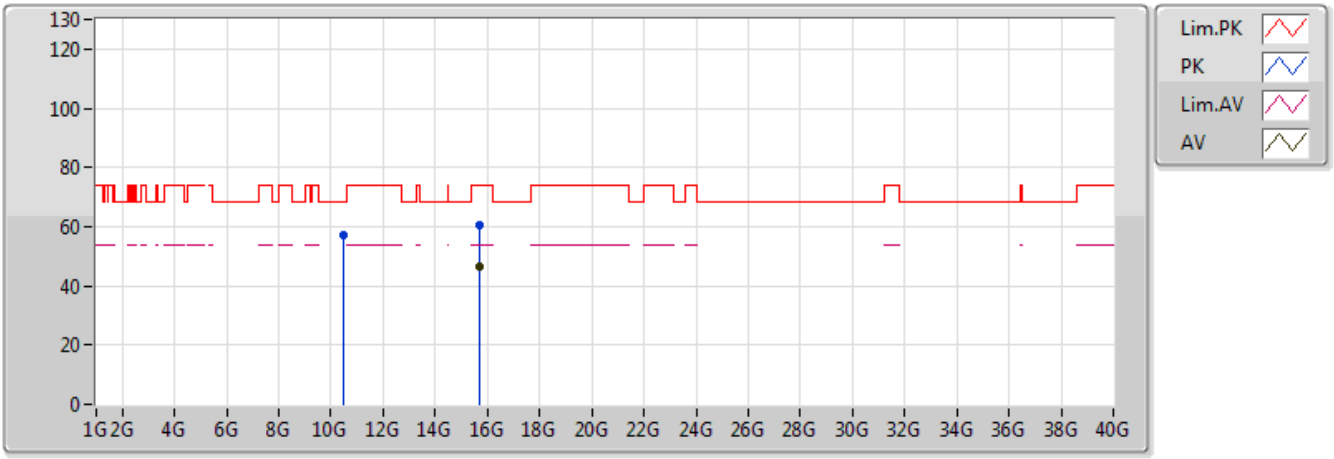


20171101
EUT Z_2TX
Setting 99
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.71994G	51.42	54.00	-2.58	15.60	3	Vertical	28	1.14
PK	10.48096G	62.49	68.20	-5.71	12.71	3	Vertical	89	1.31
PK	15.72738G	65.11	74.00	-8.89	15.59	3	Vertical	28	1.14

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

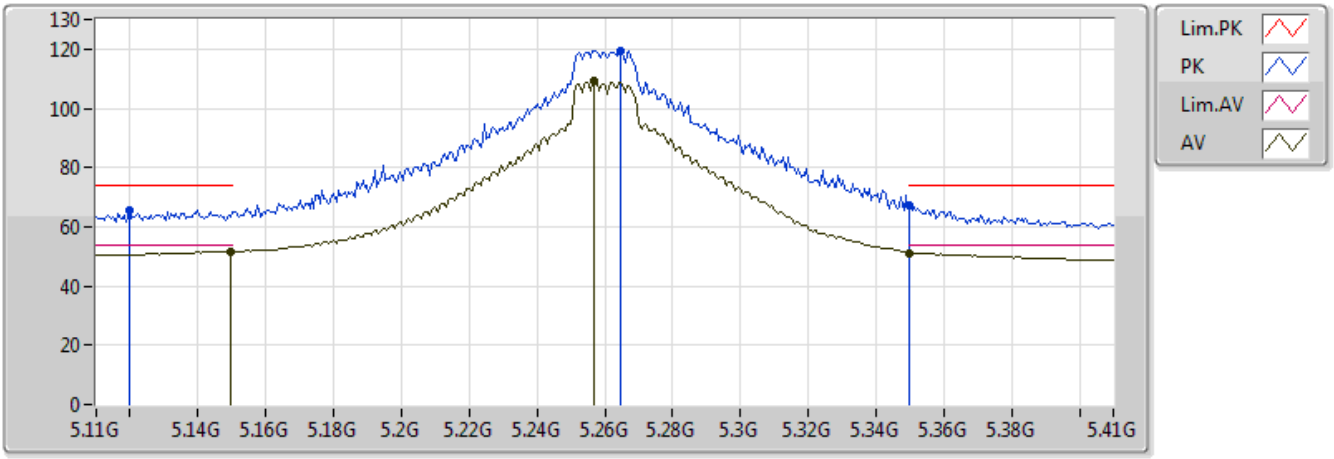


20171101
EUT Z_2TX
Setting 99
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.72138G	46.26	54.00	-7.74	15.60	3	Horizontal	279	1.50
PK	10.48054G	57.14	68.20	-11.06	12.71	3	Horizontal	17	1.28
PK	15.72102G	60.29	74.00	-13.71	15.60	3	Horizontal	279	1.50

802.11n HT20_Nss1,(MCS0)_2TX

5260MHz_TX

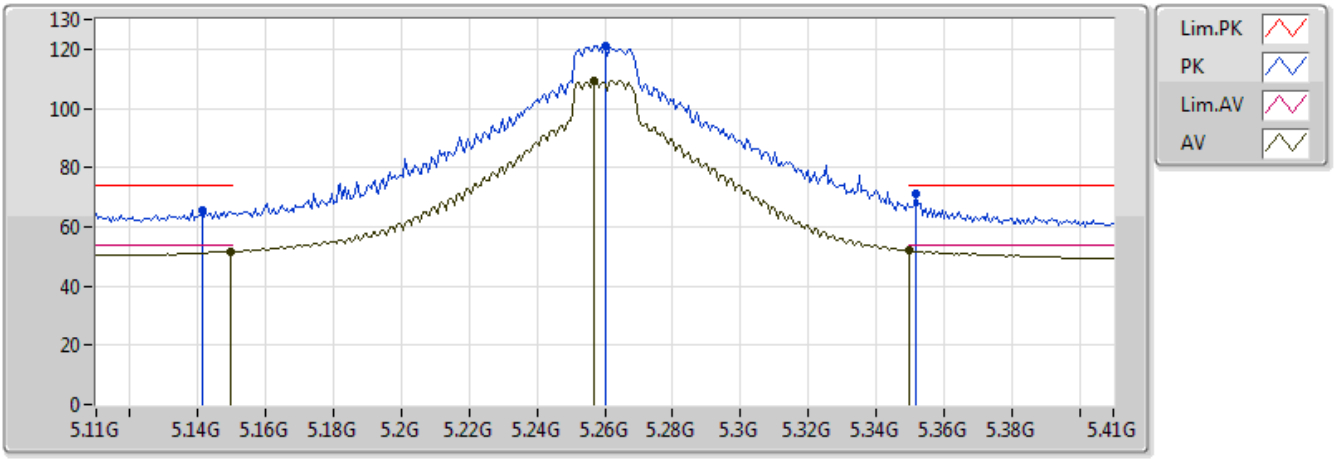


20171101
EUT Z_2TX
Setting 99
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1496G	51.60	54.00	-2.40	4.93	3	Vertical	252	1.08
AV	5.257G	109.02	Inf	-Inf	5.24	3	Vertical	252	1.08
AV	5.350005G	51.25	54.00	-2.75	5.62	3	Vertical	252	1.08
PK	5.1196G	65.47	74.00	-8.53	4.89	3	Vertical	252	1.08
PK	5.2648G	119.58	Inf	-Inf	5.28	3	Vertical	252	1.08
PK	5.350005G	67.48	74.00	-6.52	5.62	3	Vertical	252	1.08

802.11n HT20_Nss1,(MCS0)_2TX

5260MHz_TX

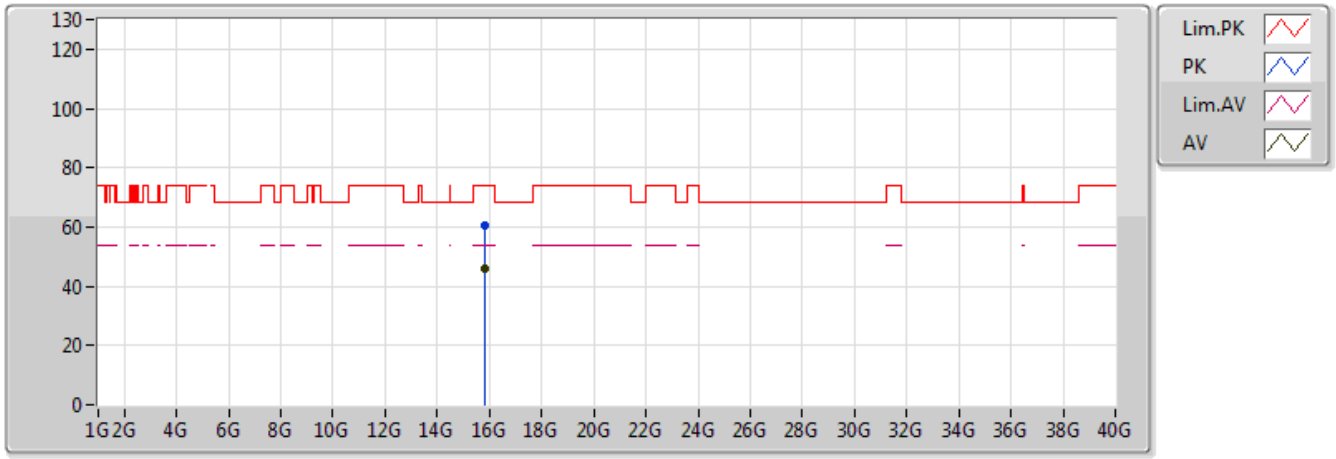


20171101
EUT Z_2TX
Setting 99
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1496G	51.70	54.00	-2.30	4.93	3	Horizontal	87	1.28
AV	5.257G	109.53	Inf	-Inf	5.24	3	Horizontal	87	1.28
AV	5.350005G	51.93	54.00	-2.07	5.62	3	Horizontal	87	1.28
PK	5.1412G	65.74	74.00	-8.26	4.92	3	Horizontal	87	1.28
PK	5.26G	121.00	Inf	-Inf	5.25	3	Horizontal	87	1.28
PK	5.3518G	71.16	74.00	-2.84	5.63	3	Horizontal	87	1.28

802.11n HT20_Nss1,(MCS0)_2TX

5260MHz_TX

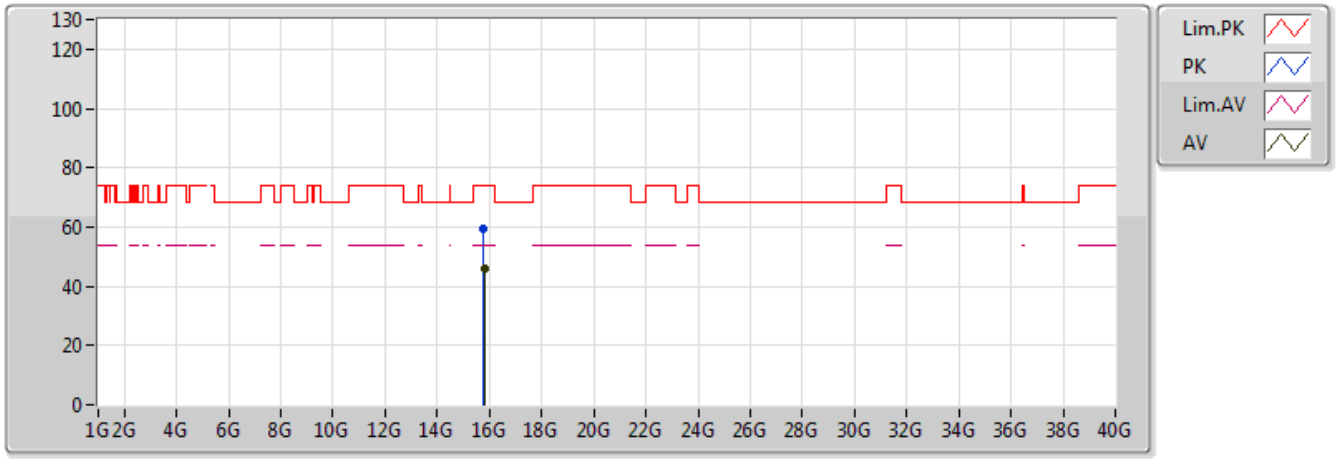


20171101
EUT Z_2TX
Setting 99
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.7944G	46.07	54.00	-7.93	15.50	3	Vertical	59	1.55
PK	15.79464G	60.28	74.00	-13.72	15.50	3	Vertical	59	1.55

802.11n HT20_Nss1,(MCS0)_2TX

5260MHz_TX

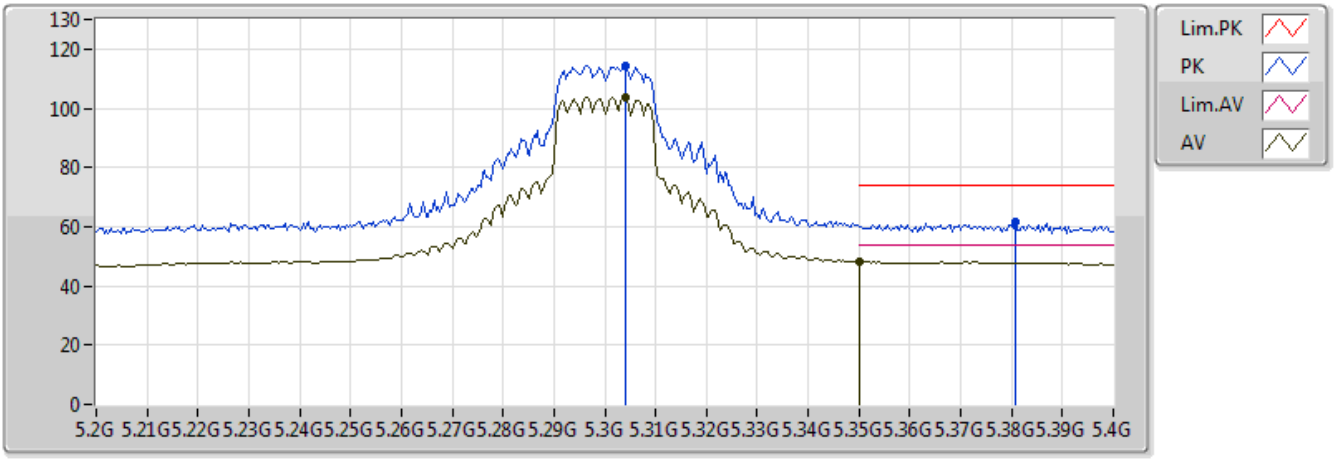


20171101
EUT Z_2TX
Setting 99
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.79206G	46.05	54.00	-7.95	15.50	3	Horizontal	136	1.30
PK	15.78738G	59.60	74.00	-14.40	15.51	3	Horizontal	136	1.30

802.11n HT20_Nss1,(MCS0)_2TX

5300MHz_TX

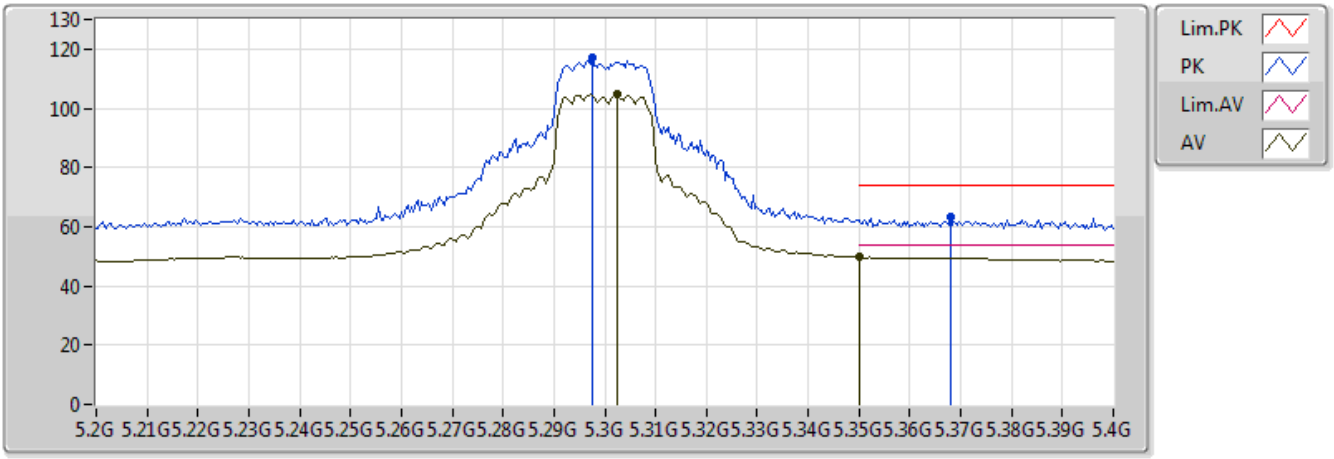


20171101
EUT Z_2TX
Setting 86
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.304G	103.78	Inf	-Inf	5.45	3	Vertical	220	2.97
AV	5.350005G	48.06	54.00	-5.94	5.62	3	Vertical	220	2.97
PK	5.304G	114.23	Inf	-Inf	5.45	3	Vertical	220	2.97
PK	5.3808G	61.60	74.00	-12.40	5.74	3	Vertical	220	2.97

802.11n HT20_Nss1,(MCS0)_2TX

5300MHz_TX

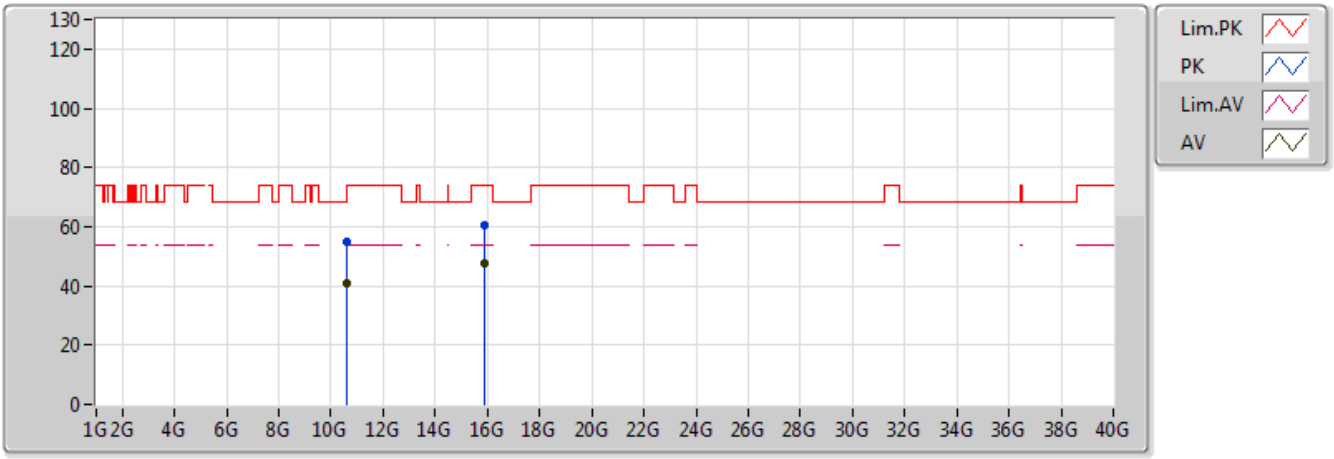


20171101
EUT Z_2TX
Setting 86
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.3024G	104.59	Inf	-Inf	5.44	3	Horizontal	90	1.27
AV	5.350005G	49.87	54.00	-4.13	5.62	3	Horizontal	90	1.27
PK	5.2976G	116.98	Inf	-Inf	5.42	3	Horizontal	90	1.27
PK	5.368G	63.20	74.00	-10.80	5.69	3	Horizontal	90	1.27

802.11n HT20_Nss1,(MCS0)_2TX

5300MHz_TX

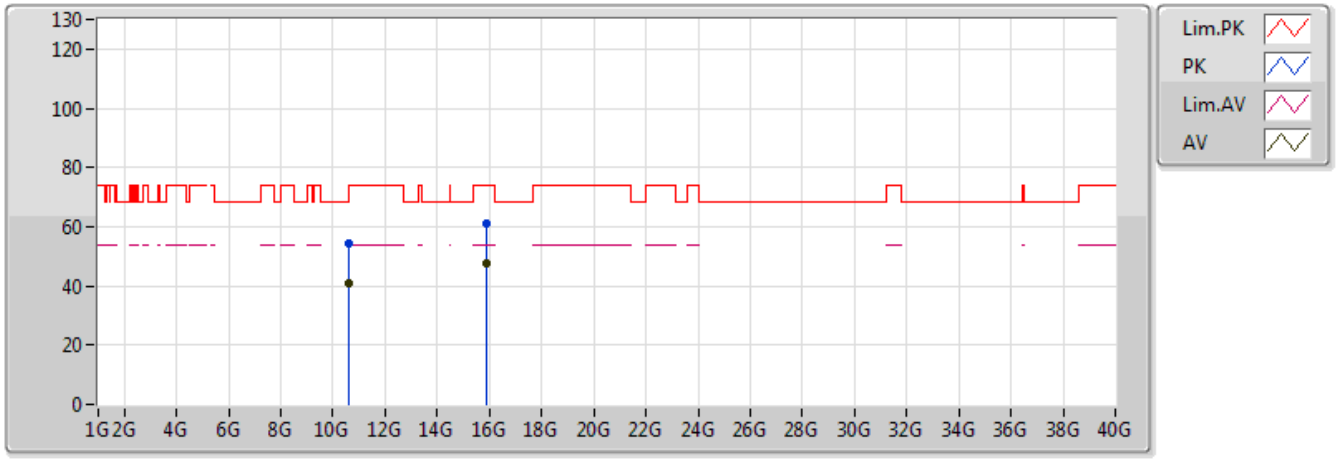


20171101
EUT Z_2TX
Setting 86
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.60318G	41.09	54.00	-12.91	12.82	3	Vertical	157	1.29
AV	15.89564G	47.52	54.00	-6.48	15.35	3	Vertical	39	2.01
PK	10.60349G	54.98	74.00	-19.02	12.82	3	Vertical	157	1.29
PK	15.898G	60.54	74.00	-13.46	15.35	3	Vertical	39	2.01

802.11n HT20_Nss1,(MCS0)_2TX

5300MHz_TX

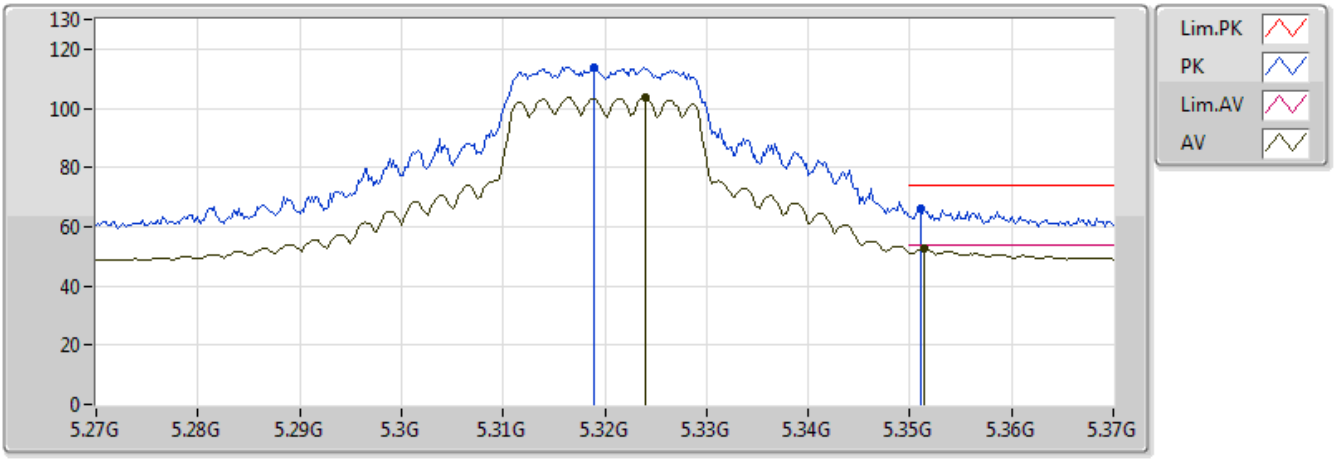


20171101
EUT Z_2TX
Setting 86
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.60421G	41.07	54.00	-12.93	12.82	3	Horizontal	344	1.57
AV	15.89868G	47.39	54.00	-6.61	15.35	3	Horizontal	325	1.32
PK	10.60366G	54.52	74.00	-19.48	12.82	3	Horizontal	344	1.57
PK	15.89496G	61.22	74.00	-12.78	15.35	3	Horizontal	325	1.32

802.11n HT20_Nss1,(MCS0)_2TX

5320MHz_TX

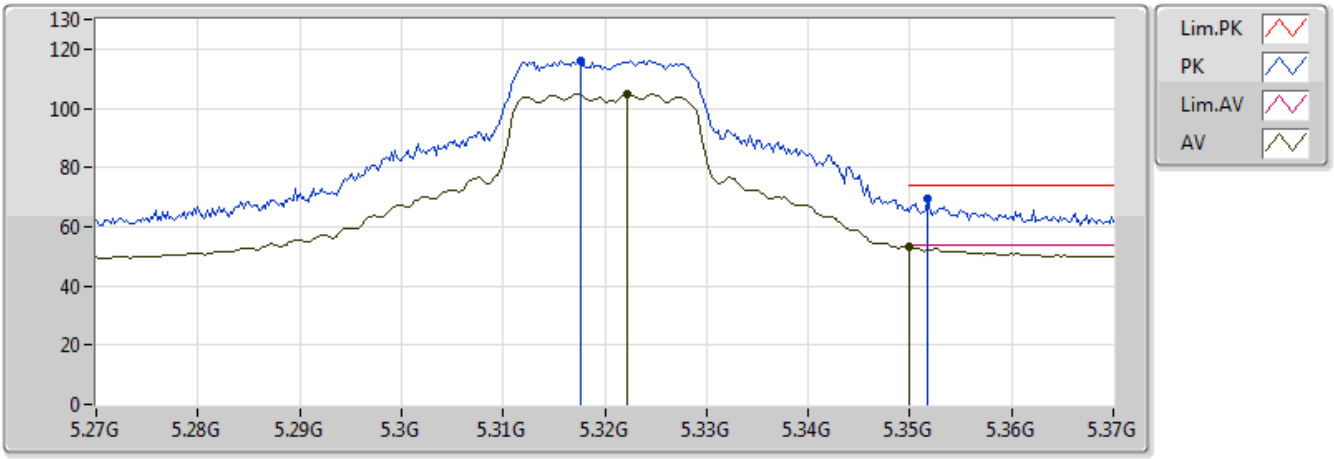


20171101
EUT Z_2TX
Setting 85
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.324G	103.56	Inf	-Inf	5.52	3	Vertical	239	2.50
AV	5.3514G	52.51	54.00	-1.49	5.63	3	Vertical	239	2.50
PK	5.319G	113.99	Inf	-Inf	5.50	3	Vertical	239	2.50
PK	5.351G	66.24	74.00	-7.76	5.62	3	Vertical	239	2.50

802.11n HT20_Nss1,(MCS0)_2TX

5320MHz_TX

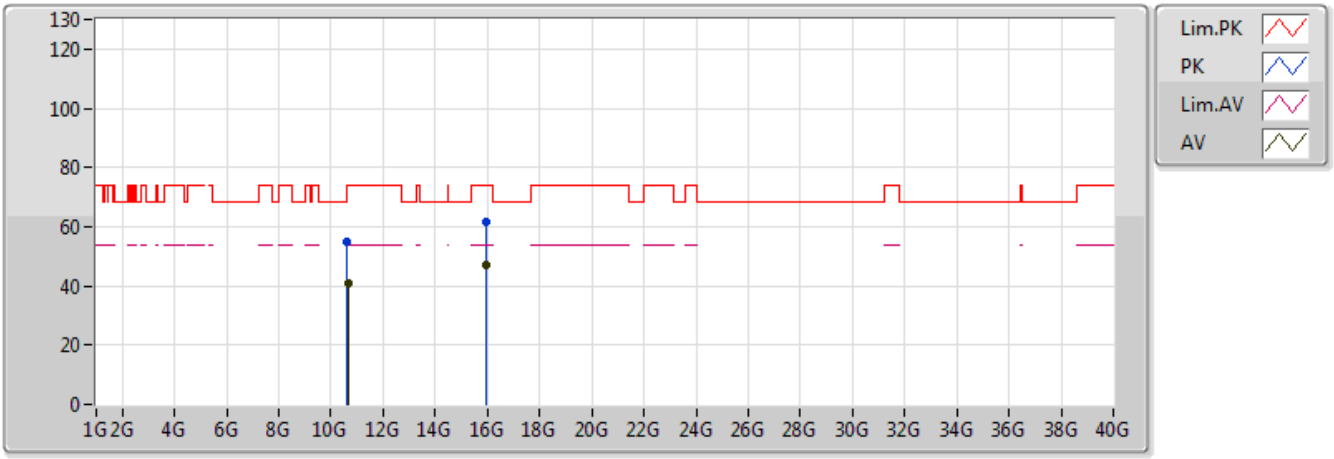


20171101
EUT Z_2TX
Setting 85
01-J-6-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.3222G	104.74	Inf	-Inf	5.51	3	Horizontal	92	1.06
AV	5.350005G	52.97	54.00	-1.03	5.62	3	Horizontal	92	1.06
PK	5.3176G	116.27	Inf	-Inf	5.50	3	Horizontal	92	1.06
PK	5.3518G	69.61	74.00	-4.39	5.63	3	Horizontal	92	1.06

802.11n HT20_Nss1,(MCS0)_2TX

5320MHz_TX

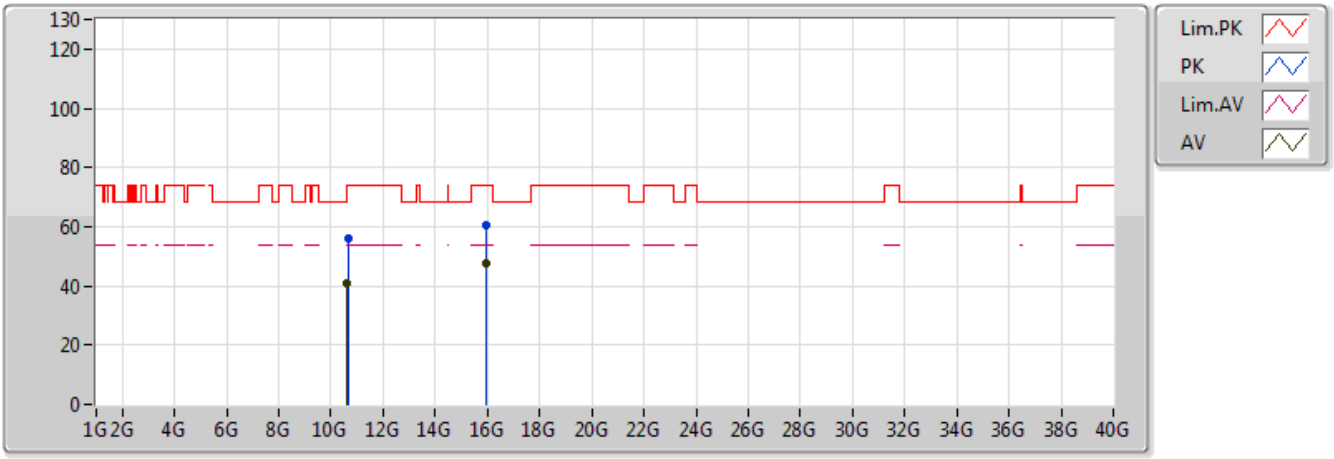


20171101
EUT Z_2TX
Setting 85
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.64318G	41.06	54.00	-12.94	12.85	3	Vertical	155	2.32
AV	15.9674G	47.24	54.00	-6.76	15.25	3	Vertical	261	1.45
PK	10.63706G	55.18	74.00	-18.82	12.85	3	Vertical	155	2.32
PK	15.959G	61.36	74.00	-12.64	15.26	3	Vertical	261	1.45

802.11n HT20_Nss1,(MCS0)_2TX

5320MHz_TX

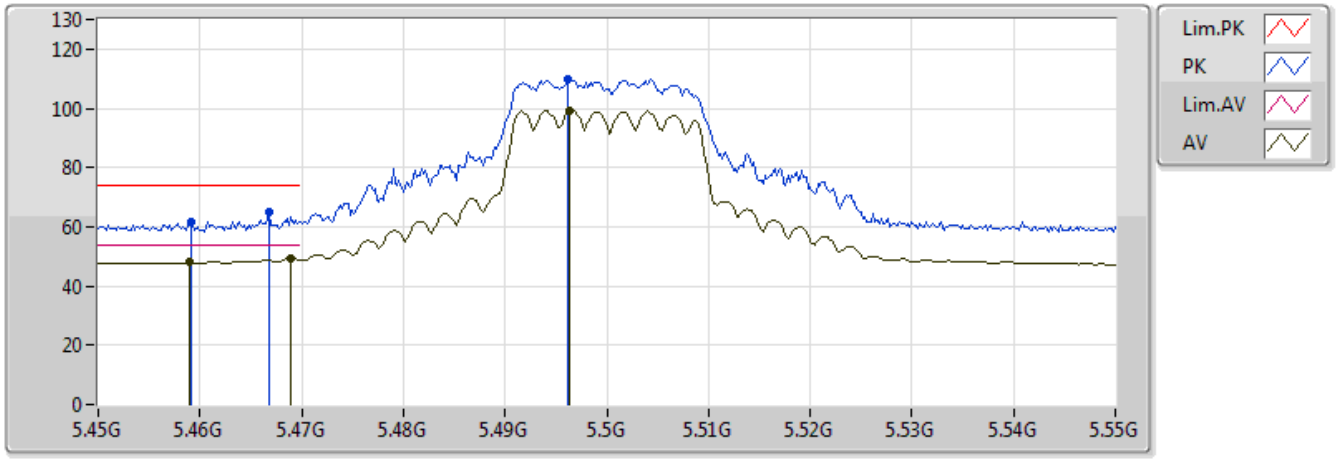


20171101
EUT Z_2TX
Setting 85
01-J-6
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.63238G	40.89	54.00	-13.11	12.84	3	Horizontal	253	1.26
AV	15.9562G	47.45	54.00	-6.55	15.26	3	Horizontal	246	1.43
PK	10.64396G	56.01	74.00	-17.99	12.85	3	Horizontal	253	1.26
PK	15.96824G	60.63	74.00	-13.37	15.25	3	Horizontal	246	1.43

802.11n HT20_Nss1,(MCS0)_2TX

5500MHz_TX

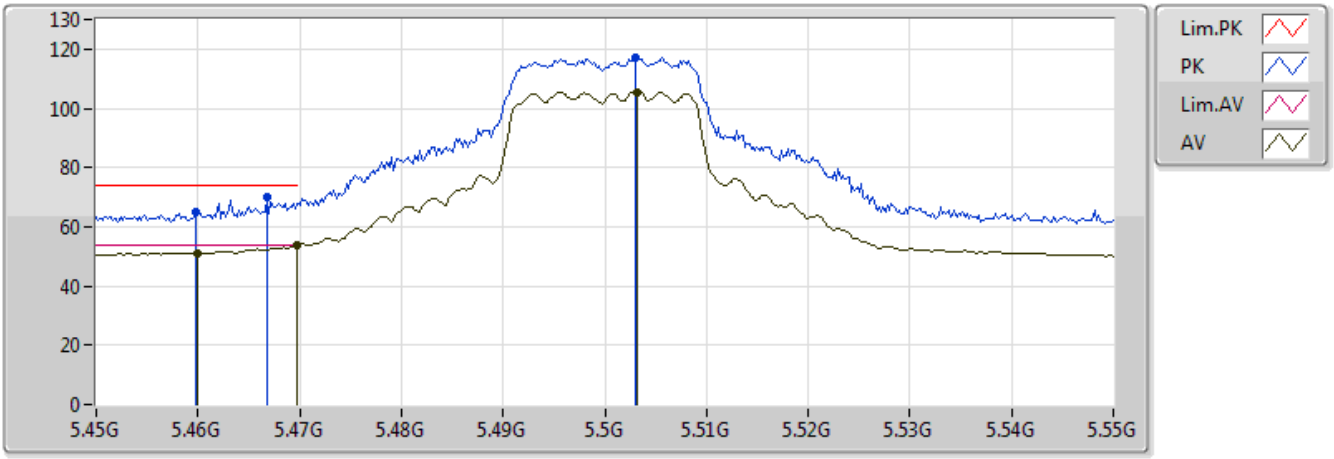


20171102
EUT Z_2TX
Setting 81
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.459G	47.92	54.00	-6.08	5.93	3	Vertical	220	2.54
AV	5.469G	49.47	54.00	-4.53	5.95	3	Vertical	220	2.54
AV	5.4964G	99.42	Inf	-Inf	6.00	3	Vertical	220	2.54
PK	5.4592G	61.77	74.00	-12.23	5.93	3	Vertical	220	2.54
PK	5.4668G	65.09	74.00	-8.91	5.94	3	Vertical	220	2.54
PK	5.4962G	109.95	Inf	-Inf	6.00	3	Vertical	220	2.54

802.11n HT20_Nss1,(MCS0)_2TX

5500MHz_TX

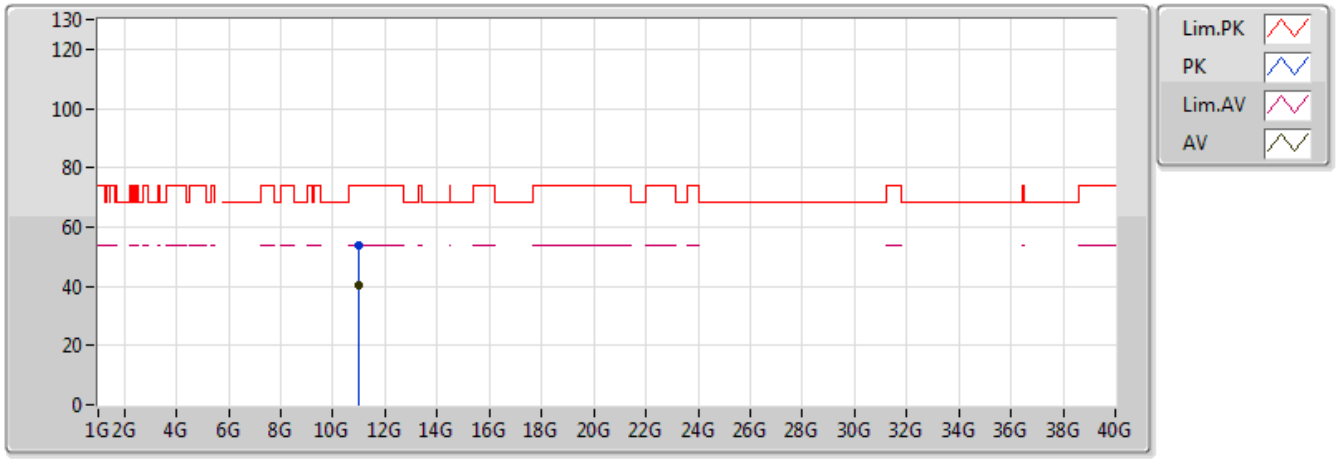


20171102
EUT Z_2TX
Setting 81
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.46G	51.23	54.00	-2.77	5.93	3	Horizontal	93	1.15
AV	5.4698G	53.72	54.00	-0.28	5.95	3	Horizontal	93	1.15
AV	5.5032G	105.54	Inf	-Inf	6.02	3	Horizontal	93	1.15
PK	5.4598G	64.74	74.00	-9.26	5.93	3	Horizontal	93	1.15
PK	5.4668G	69.79	74.00	-4.21	5.94	3	Horizontal	93	1.15
PK	5.503G	117.13	Inf	-Inf	6.02	3	Horizontal	93	1.15

802.11n HT20_Nss1,(MCS0)_2TX

5500MHz_TX

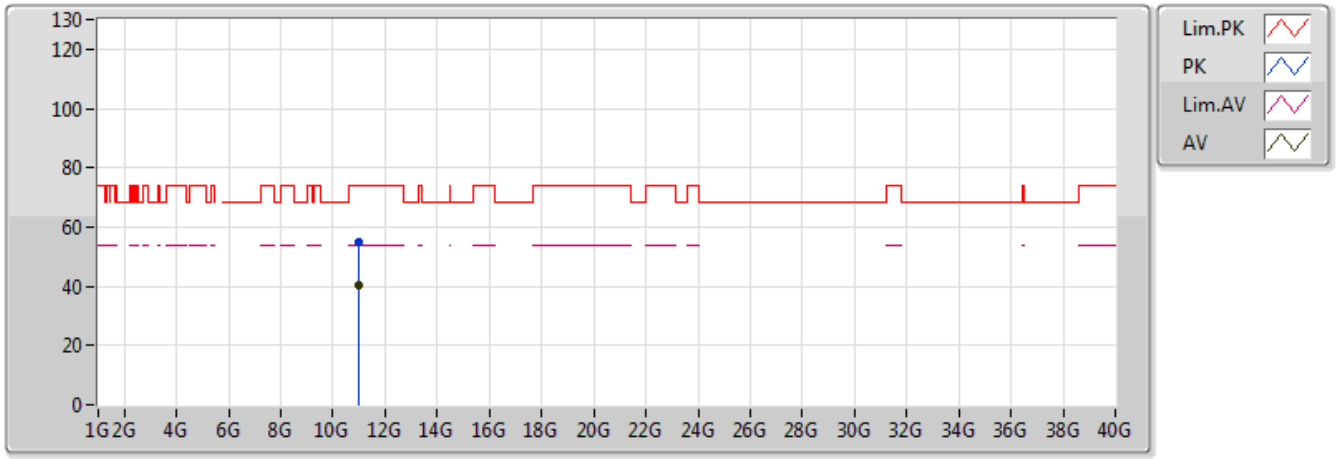


20171102
EUT Z_2TX
Setting 81
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.99696G	40.13	54.00	-13.87	13.16	3	Vertical	251	1.06
PK	10.99252G	53.99	74.00	-20.01	13.15	3	Vertical	251	1.06

802.11n HT20_Nss1,(MCS0)_2TX

5500MHz_TX

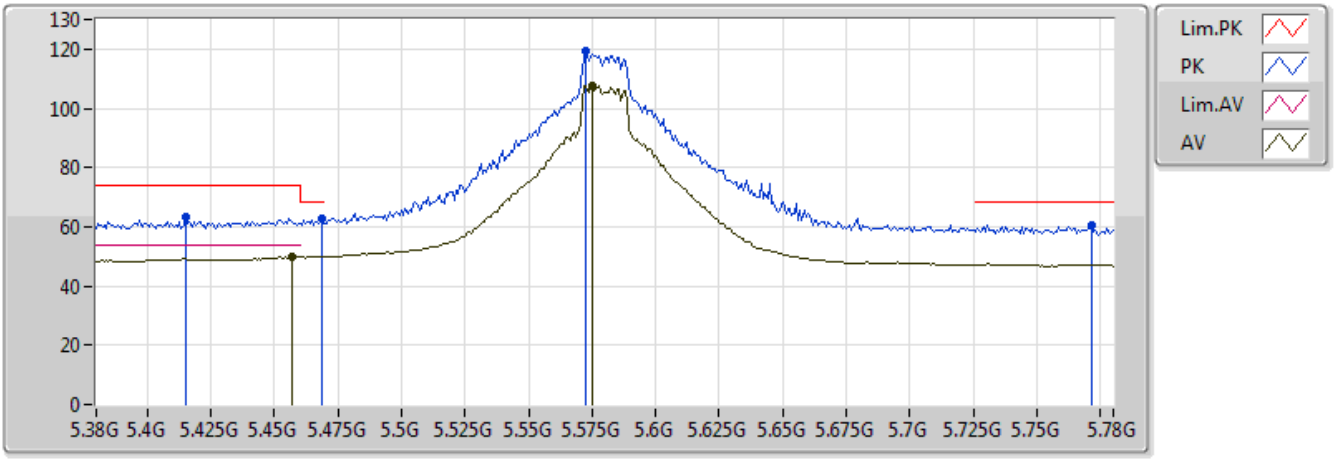


20171102
EUT Z_2TX
Setting 81
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.99696G	40.21	54.00	-13.79	13.16	3	Horizontal	280	1.79
PK	11.00732G	54.98	74.00	-19.02	13.16	3	Horizontal	280	1.79

802.11n HT20_Nss1,(MCS0)_2TX

5580MHz_TX

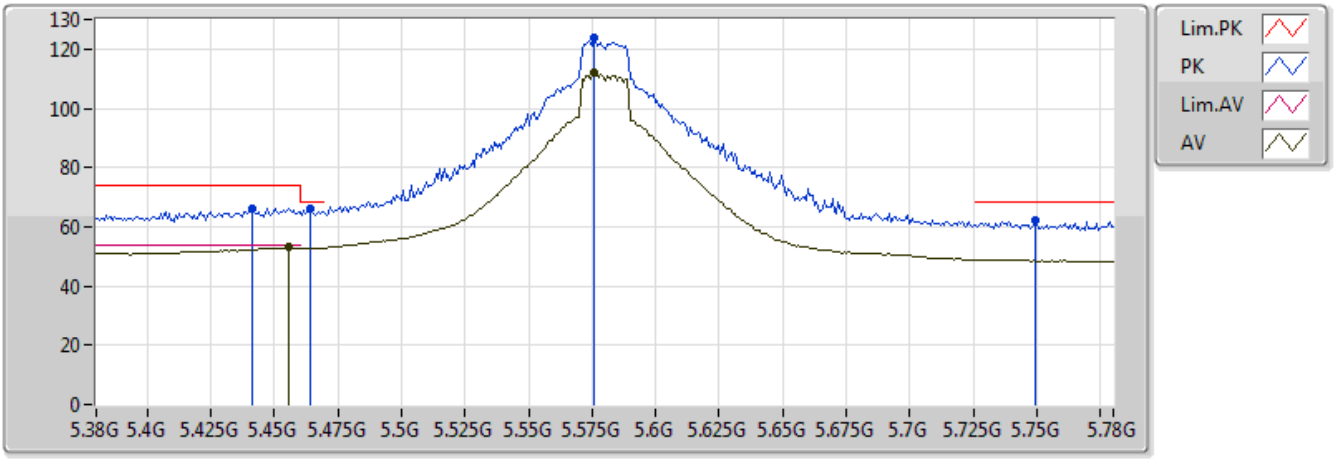


20171102
EUT Z_2TX
Setting 99
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.4568G	49.78	54.00	-4.22	5.92	3	Vertical	219	1.35
AV	5.5752G	107.80	Inf	-Inf	6.23	3	Vertical	219	1.35
PK	5.4152G	63.06	74.00	-10.94	5.84	3	Vertical	219	1.35
PK	5.4688G	62.75	68.20	-5.45	5.95	3	Vertical	219	1.35
PK	5.5728G	119.10	Inf	-Inf	6.22	3	Vertical	219	1.35
PK	5.7712G	60.58	68.20	-7.62	7.05	3	Vertical	219	1.35

802.11n HT20_Nss1,(MCS0)_2TX

5580MHz_TX

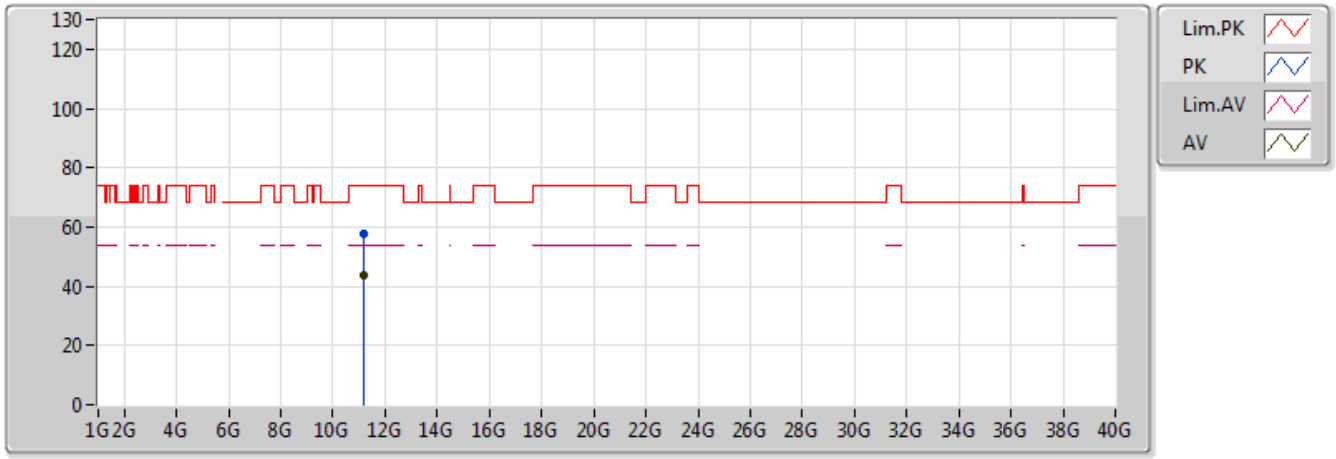


20171102
EUT Z_2TX
Setting 99
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.456G	53.00	54.00	-1.00	5.92	3	Horizontal	92	1.16
AV	5.576G	111.83	Inf	-Inf	6.23	3	Horizontal	92	1.16
PK	5.4416G	66.16	74.00	-7.84	5.89	3	Horizontal	92	1.16
PK	5.464G	66.40	68.20	-1.80	5.94	3	Horizontal	92	1.16
PK	5.576G	124.04	Inf	-Inf	6.23	3	Horizontal	92	1.16
PK	5.7496G	61.96	68.20	-6.24	6.95	3	Horizontal	92	1.16

802.11n HT20_Nss1,(MCS0)_2TX

5580MHz_TX

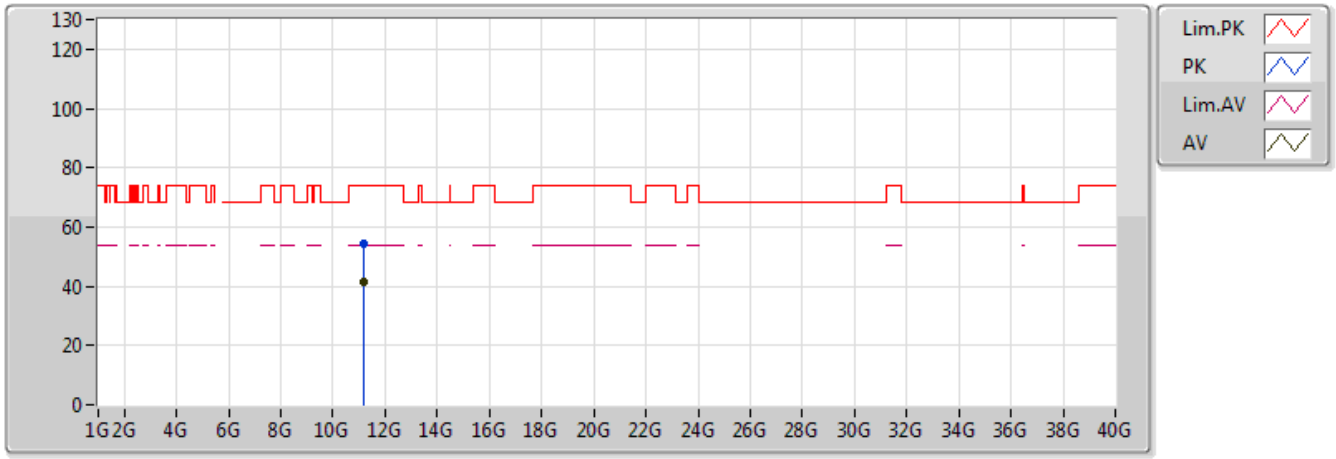


20171102
EUT Z_2TX
Setting 99
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.15828G	43.92	54.00	-10.08	13.20	3	Vertical	128	1.84
PK	11.15764G	57.49	74.00	-16.51	13.20	3	Vertical	128	1.84

802.11n HT20_Nss1,(MCS0)_2TX

5580MHz_TX

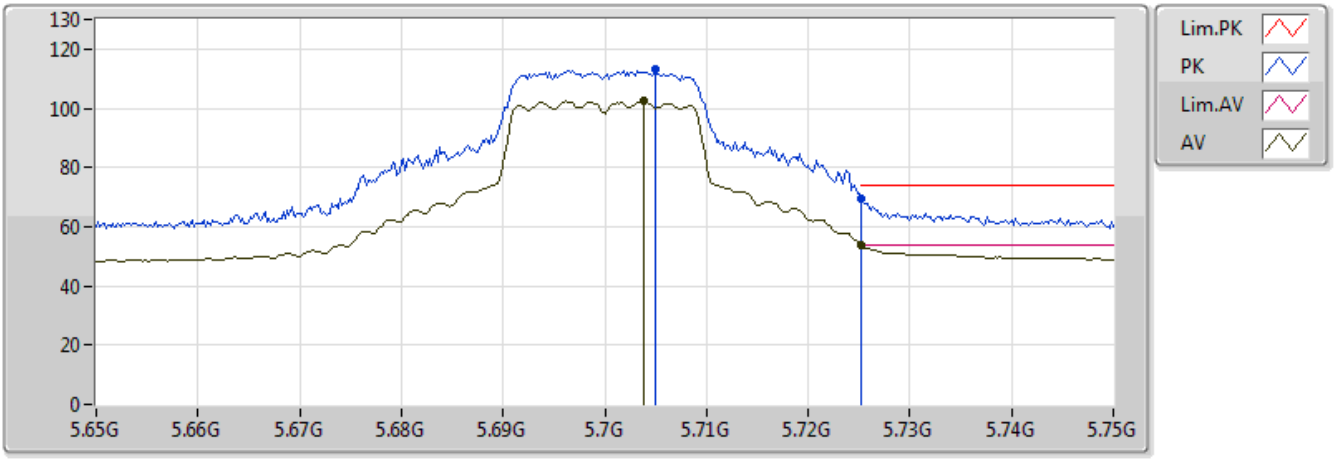


20171102
EUT Z_2TX
Setting 99
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.1624G	41.28	54.00	-12.72	13.20	3	Horizontal	122	1.26
PK	11.1548G	54.25	74.00	-19.75	13.20	3	Horizontal	122	1.26

802.11n HT20_Nss1,(MCS0)_2TX

5700MHz_TX

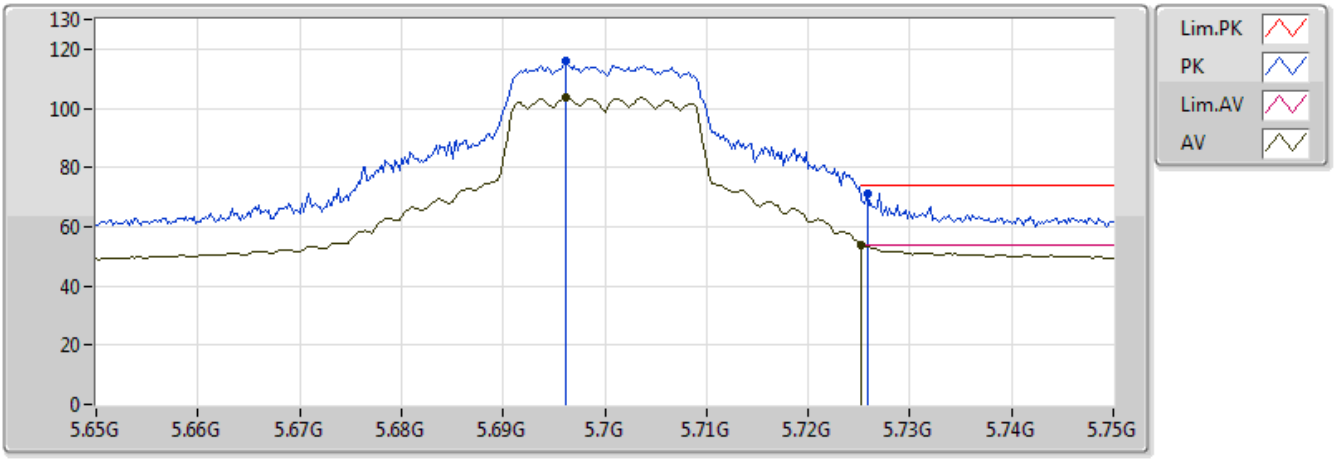


20171102
EUT Z_2TX
Setting 80
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.7038G	102.39	Inf	-Inf	6.76	3	Vertical	260	1.09
AV	5.7252G	53.60	54.00	-0.40	6.85	3	Vertical	260	1.09
PK	5.705G	113.37	Inf	-Inf	6.76	3	Vertical	260	1.09
PK	5.7252G	69.35	74.00	-4.65	6.85	3	Vertical	260	1.09

802.11n HT20_Nss1,(MCS0)_2TX

5700MHz_TX

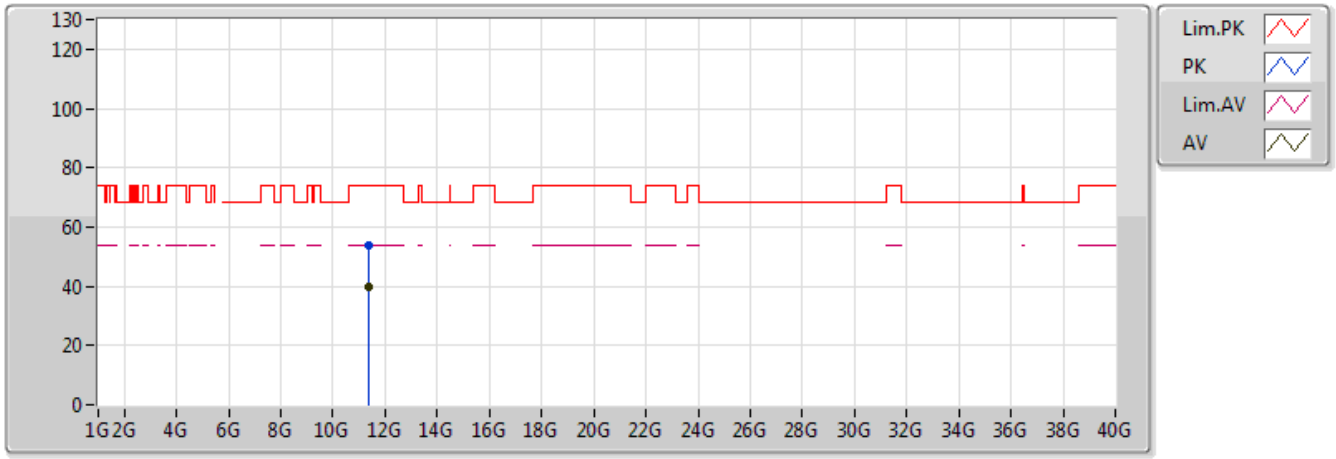


20171102
EUT Z_2TX
Setting 80
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.6962G	103.74	Inf	-Inf	6.72	3	Horizontal	91	1.17
AV	5.7252G	53.59	54.00	-0.41	6.85	3	Horizontal	91	1.17
PK	5.6962G	115.97	Inf	-Inf	6.72	3	Horizontal	91	1.17
PK	5.7258G	71.43	74.00	-2.57	6.85	3	Horizontal	91	1.17

802.11n HT20_Nss1,(MCS0)_2TX

5700MHz_TX

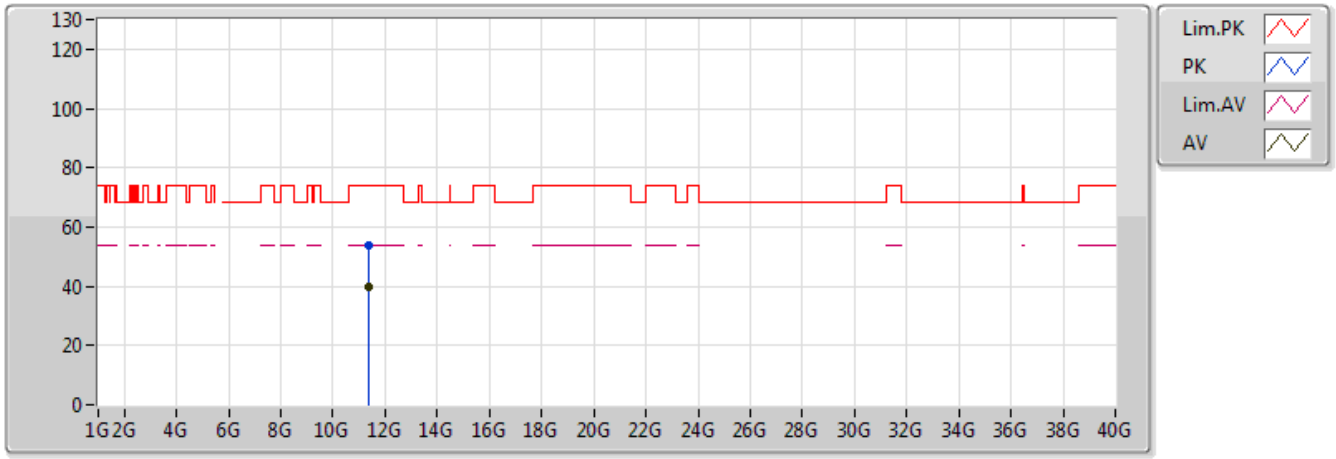


20171102
EUT Z_2TX
Setting 80
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.39476G	39.92	54.00	-14.08	13.25	3	Vertical	309	1.02
PK	11.39164G	53.65	74.00	-20.35	13.25	3	Vertical	309	1.02

802.11n HT20_Nss1,(MCS0)_2TX

5700MHz_TX

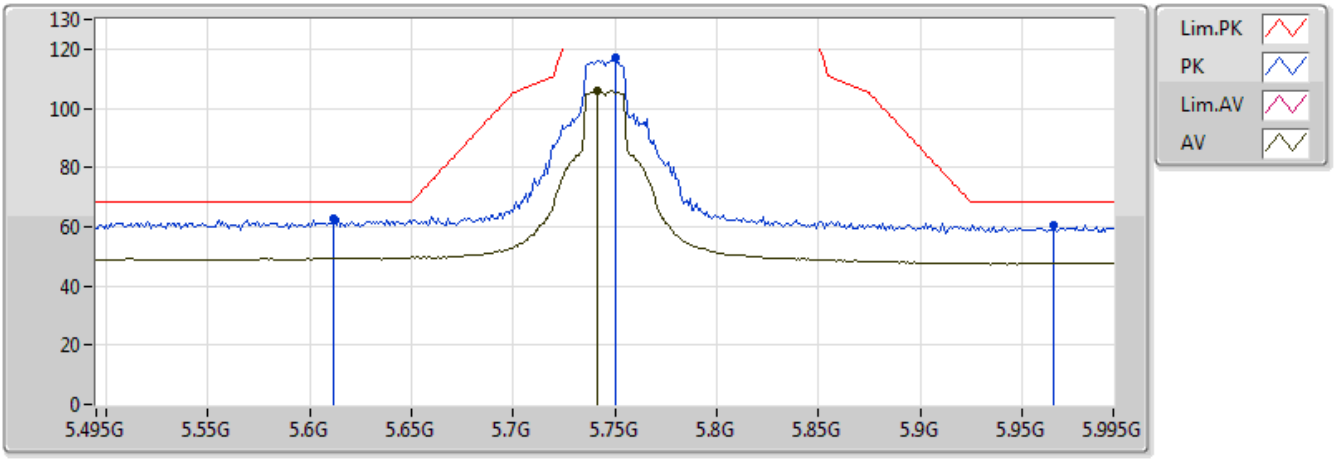


20171102
EUT Z_2TX
Setting 80
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.39764G	39.98	54.00	-14.02	13.26	3	Horizontal	37	1.65
PK	11.39612G	54.03	74.00	-19.97	13.26	3	Horizontal	37	1.65

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

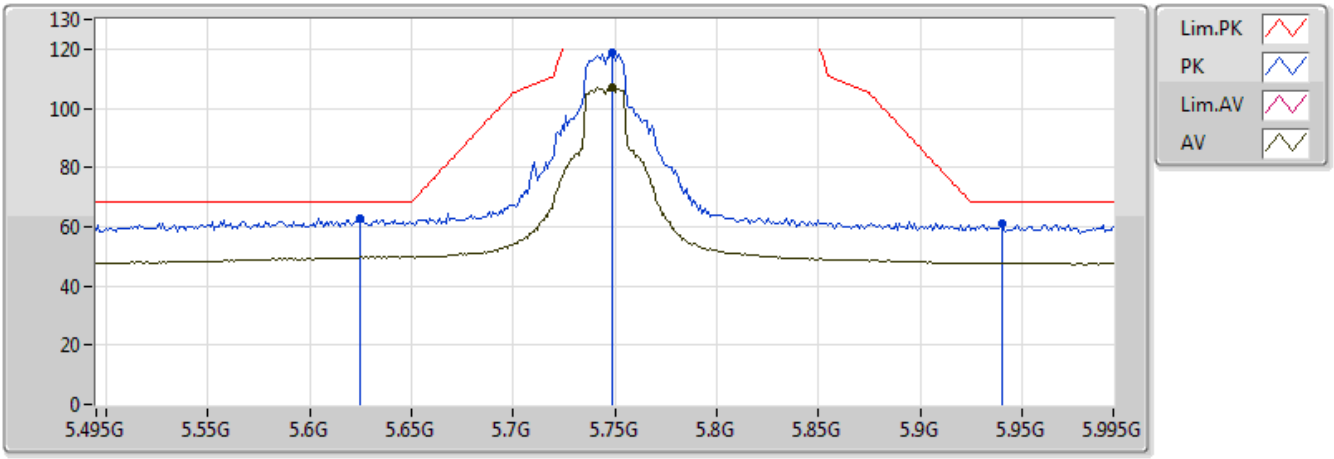


20171102
EUT Z_2TX
Setting 99
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.741G	106.16	Inf	-Inf	6.92	3	Vertical	260	1.08
PK	5.612G	63.01	68.20	-5.19	6.35	3	Vertical	260	1.08
PK	5.75G	116.97	Inf	-Inf	6.95	3	Vertical	260	1.08
PK	5.966G	60.76	68.20	-7.44	7.53	3	Vertical	260	1.08

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

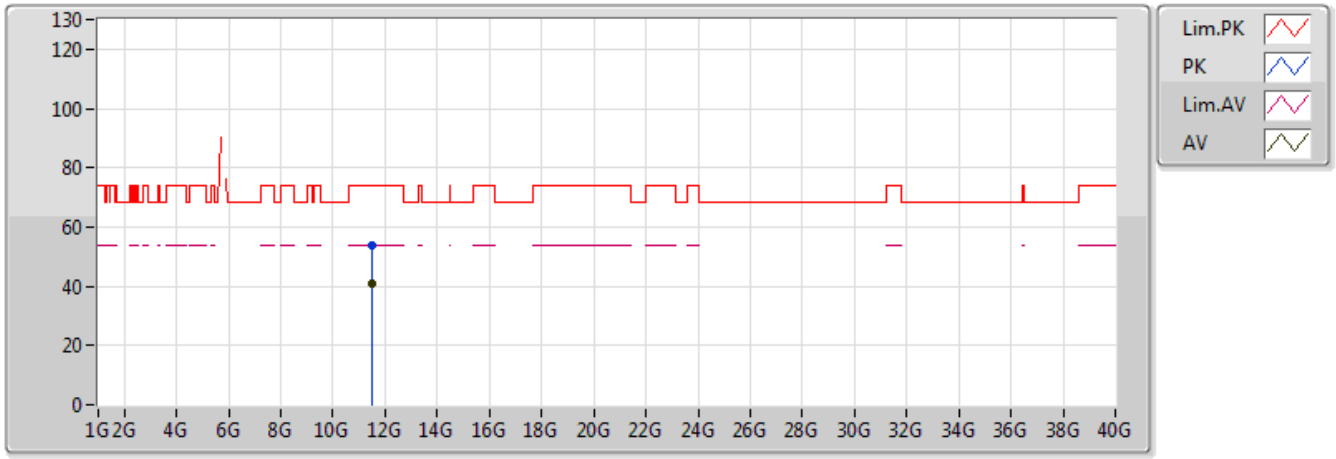


20171102
EUT Z_2TX
Setting 99
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.749G	107.19	Inf	-Inf	6.95	3	Horizontal	93	1.05
PK	5.625G	62.64	68.20	-5.56	6.41	3	Horizontal	93	1.05
PK	5.749G	118.64	Inf	-Inf	6.95	3	Horizontal	93	1.05
PK	5.94G	60.83	68.20	-7.37	7.47	3	Horizontal	93	1.05

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

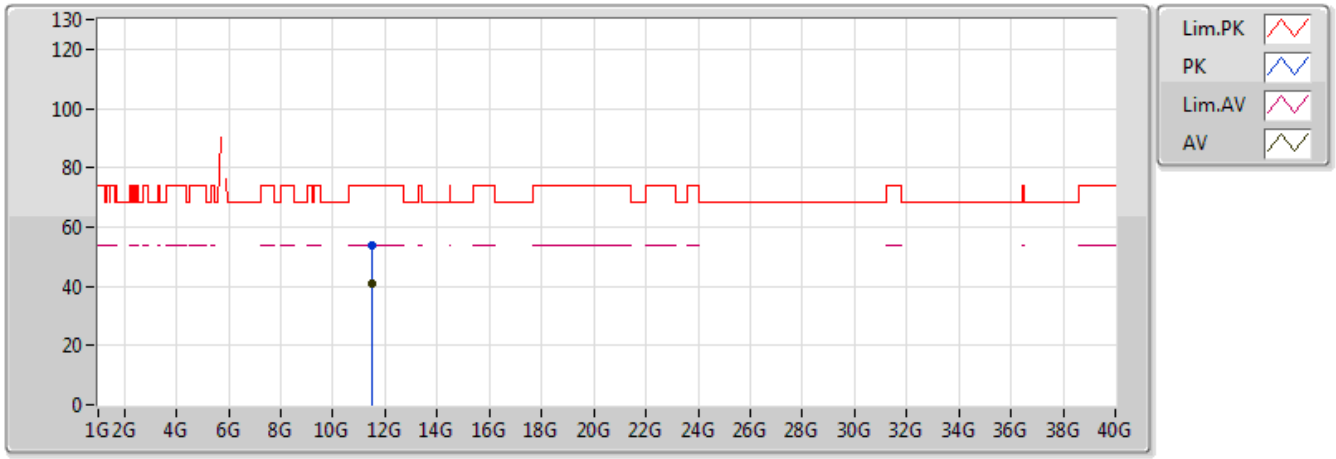


20171102
EUT Z_2TX
Setting 99
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.4966G	41.05	54.00	-12.95	13.28	3	Vertical	120	1.67
PK	11.48808G	53.72	74.00	-20.28	13.28	3	Vertical	120	1.67

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

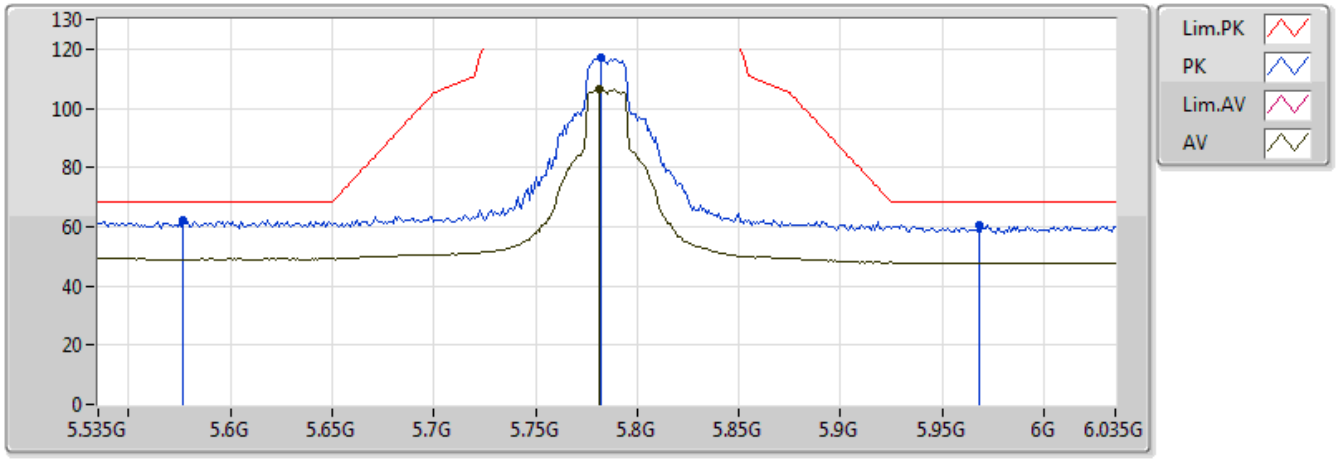


20171102
EUT Z_2TX
Setting 99
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.49128G	41.04	54.00	-12.96	13.28	3	Horizontal	79	1.21
PK	11.49648G	53.91	74.00	-20.09	13.28	3	Horizontal	79	1.21

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

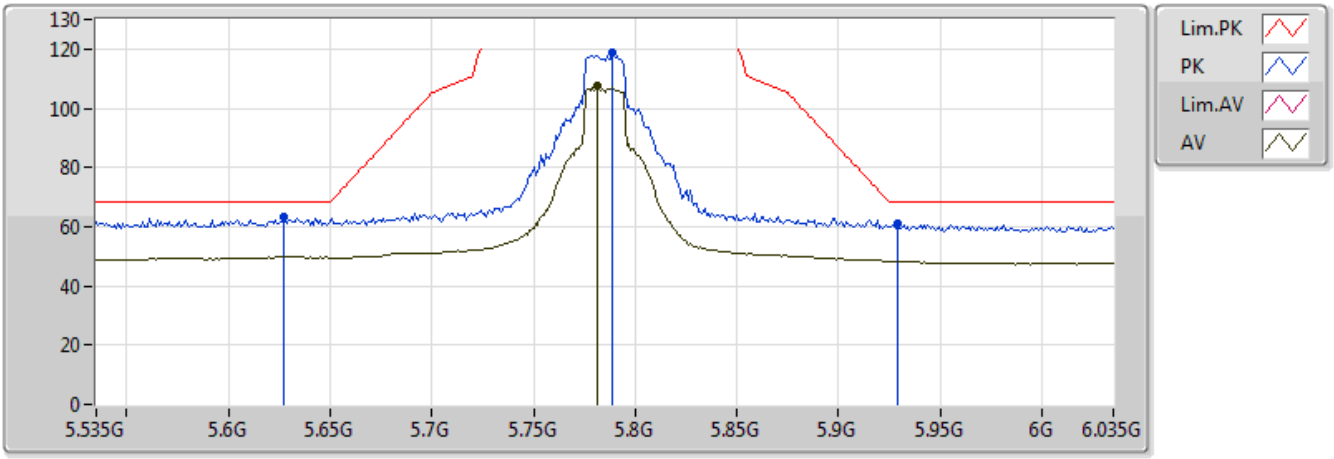


20171102
EUT Z_2TX
Setting 99
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.781G	106.53	Inf	-Inf	7.09	3	Vertical	262	1.16
PK	5.577G	62.17	68.20	-6.03	6.23	3	Vertical	262	1.16
PK	5.782G	117.33	Inf	-Inf	7.09	3	Vertical	262	1.16
PK	5.968G	60.60	68.20	-7.60	7.53	3	Vertical	262	1.16

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

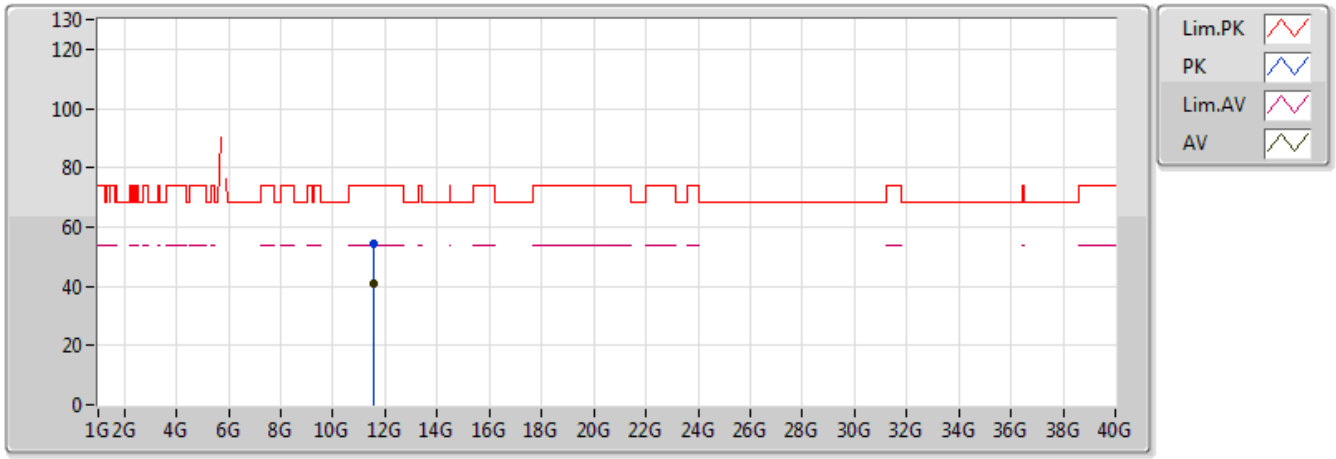


20171102
EUT Z_2TX
Setting 99
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.781G	107.34	Inf	-Inf	7.09	3	Horizontal	91	1.13
PK	5.627G	63.37	68.20	-4.83	6.42	3	Horizontal	91	1.13
PK	5.789G	118.72	Inf	-Inf	7.12	3	Horizontal	91	1.13
PK	5.929G	61.19	68.20	-7.01	7.44	3	Horizontal	91	1.13

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

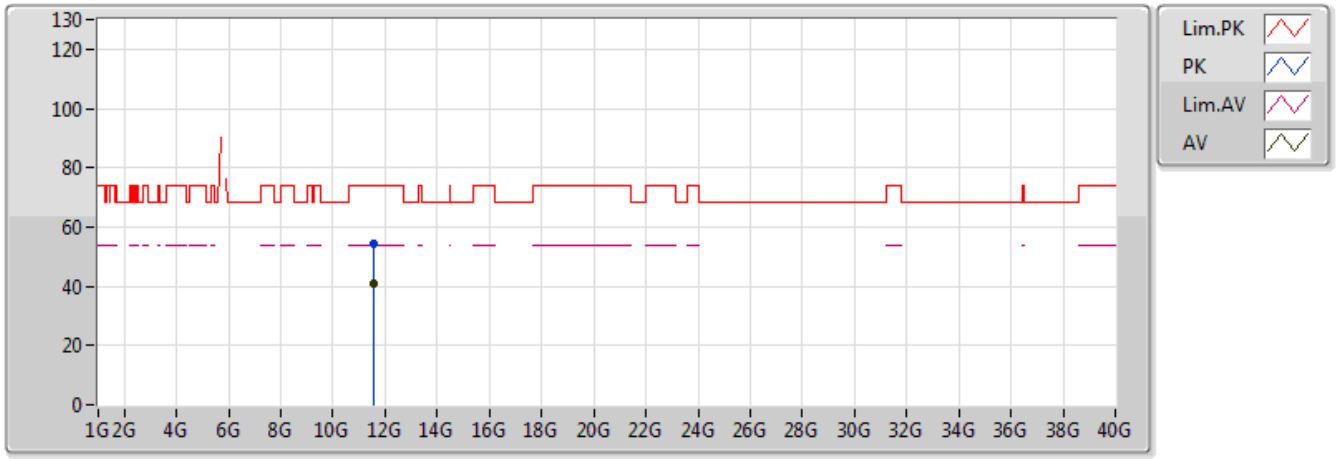


20171102
EUT Z_2TX
Setting 99
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.56696G	40.91	54.00	-13.09	13.30	3	Vertical	17	1.23
PK	11.5638G	54.09	74.00	-19.91	13.30	3	Vertical	17	1.23

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

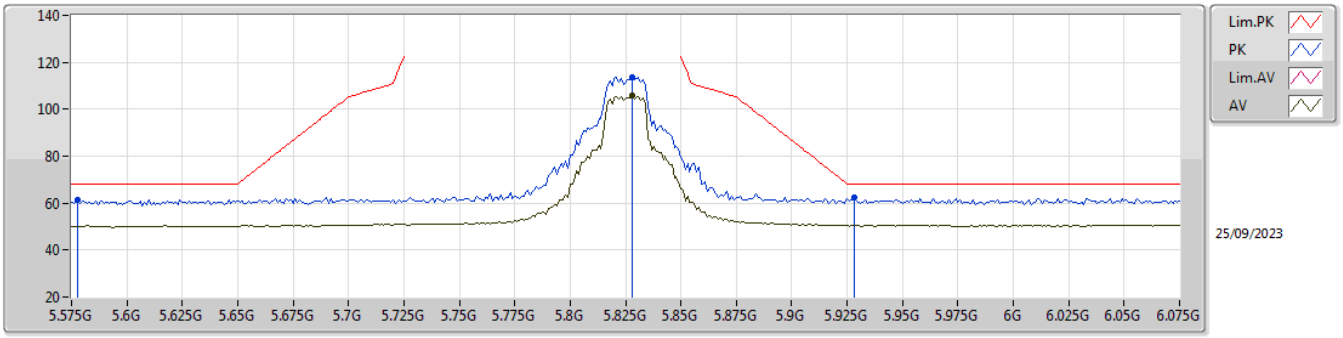


20171102
EUT Z_2TX
Setting 99
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.56368G	40.81	54.00	-13.19	13.30	3	Horizontal	222	1.04
PK	11.57856G	54.23	74.00	-19.77	13.30	3	Horizontal	222	1.04

5.725-5.85GHz_802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

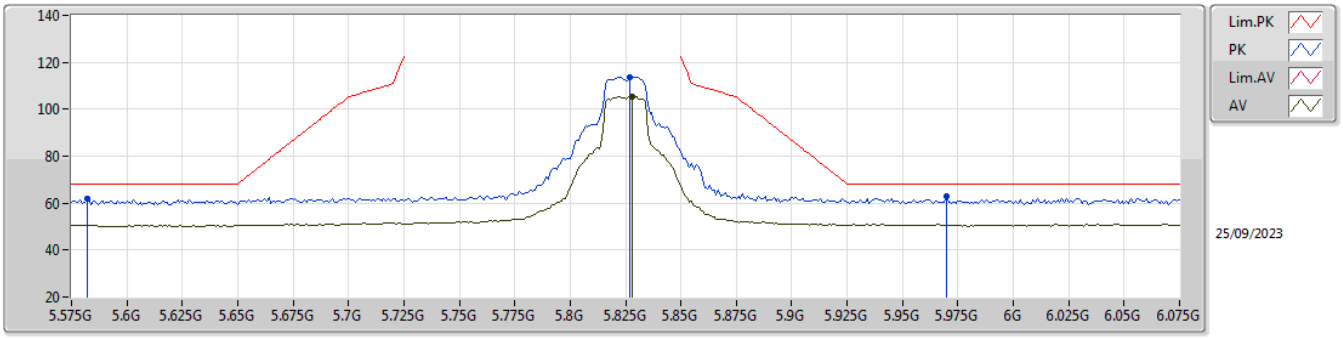


EUT Z_2TX
Setting 24
03-L-J-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.578G	61.53	68.20	-6.67	54.90	3	Vertical	238	2.15	-	34.49	7.08	34.94
PK	5.828G	113.82	Inf	-Inf	107.37	3	Vertical	238	2.15	-	34.30	7.21	35.06
AV	5.828G	106.10	Inf	-Inf	99.65	3	Vertical	238	2.15	-	34.30	7.21	35.06
PK	5.928G	62.18	68.20	-6.02	55.47	3	Vertical	238	2.15	-	34.56	7.26	35.11

5.725-5.85GHz_802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

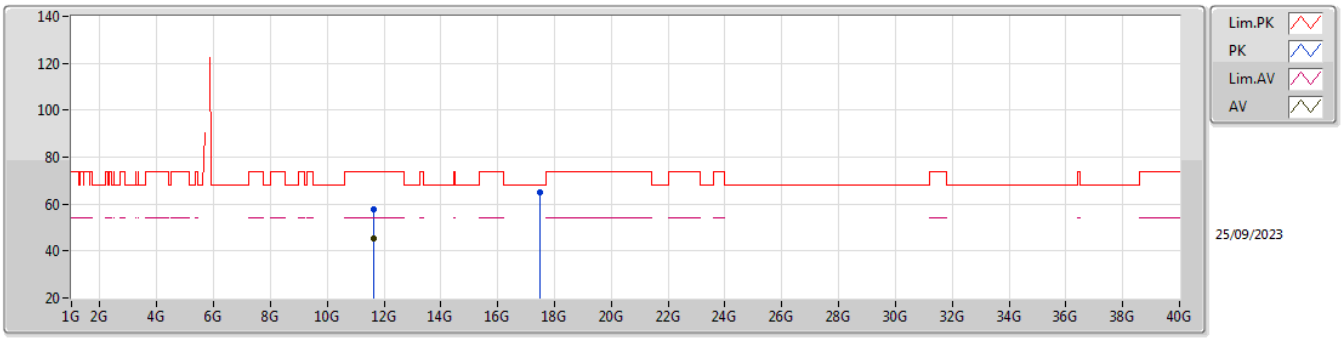


EUT Z_2TX
Setting 24
03-L-J-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.582G	61.76	68.20	-6.44	55.15	3	Horizontal	352	2.76	-	34.47	7.08	34.94
PK	5.827G	113.67	Inf	-Inf	107.22	3	Horizontal	352	2.76	-	34.30	7.21	35.06
AV	5.828G	105.52	Inf	-Inf	99.07	3	Horizontal	352	2.76	-	34.30	7.21	35.06
PK	5.97G	62.95	68.20	-5.25	56.15	3	Horizontal	352	2.76	-	34.64	7.29	35.13

5.725-5.85GHz_802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

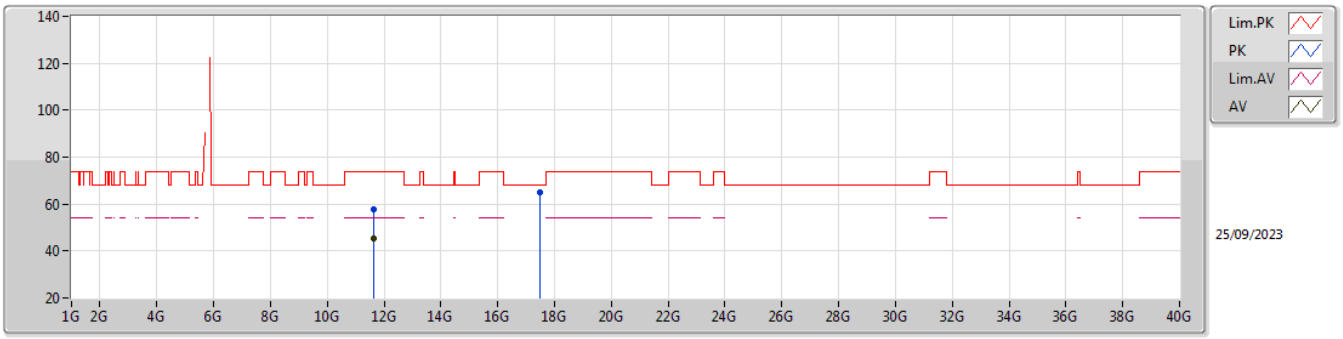


EUT Z_2TX
Setting 24
03-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.63896G	57.93	74.00	-16.07	70.71	3	Vertical	8	1.75	-	39.34	12.90	65.02
AV	11.63668G	45.41	54.00	-8.59	58.19	3	Vertical	8	1.75	-	39.34	12.90	65.02
PK	17.48892G	65.03	68.20	-3.17	67.55	3	Vertical	257	2.35	-	42.32	17.59	62.43

5.725-5.85GHz_802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

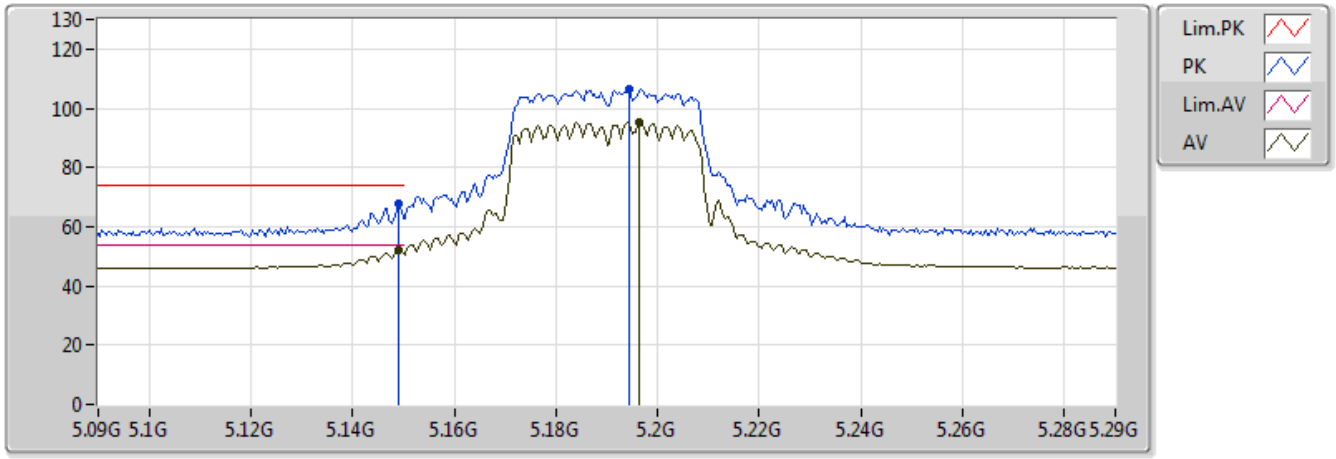


EUT Z_2TX
Setting 24
03-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64016G	57.62	74.00	-16.38	70.40	3	Horizontal	85	2.38	-	39.34	12.90	65.02
AV	11.6365G	45.42	54.00	-8.58	58.20	3	Horizontal	85	2.38	-	39.34	12.90	65.02
PK	17.4837G	65.21	68.20	-2.99	67.75	3	Horizontal	211	1.58	-	42.29	17.59	62.42

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

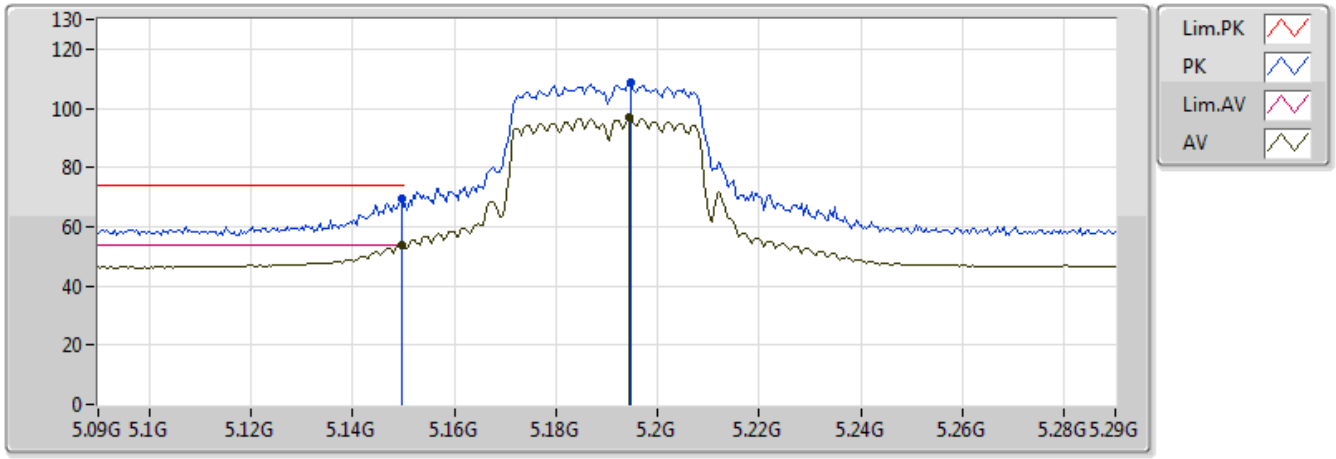


20171102
EUT Z_2TX
Setting 65
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1492G	52.26	54.00	-1.74	4.93	3	Vertical	237	2.33
AV	5.1964G	95.23	Inf	-Inf	4.99	3	Vertical	237	2.33
PK	5.1492G	67.65	74.00	-6.35	4.93	3	Vertical	237	2.33
PK	5.1944G	106.37	Inf	-Inf	4.98	3	Vertical	237	2.33

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

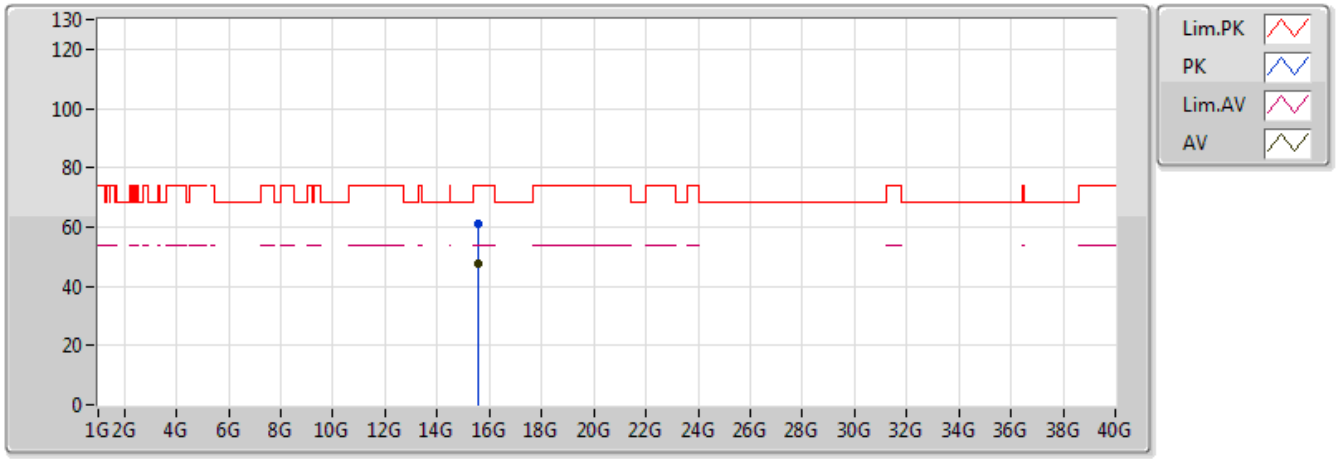


20171102
EUT Z_2TX
Setting 65
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1496G	53.83	54.00	-0.17	4.93	3	Horizontal	90	1.13
AV	5.1944G	96.76	Inf	-Inf	4.98	3	Horizontal	90	1.13
PK	5.1496G	69.39	74.00	-4.61	4.93	3	Horizontal	90	1.13
PK	5.1948G	108.85	Inf	-Inf	4.98	3	Horizontal	90	1.13

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

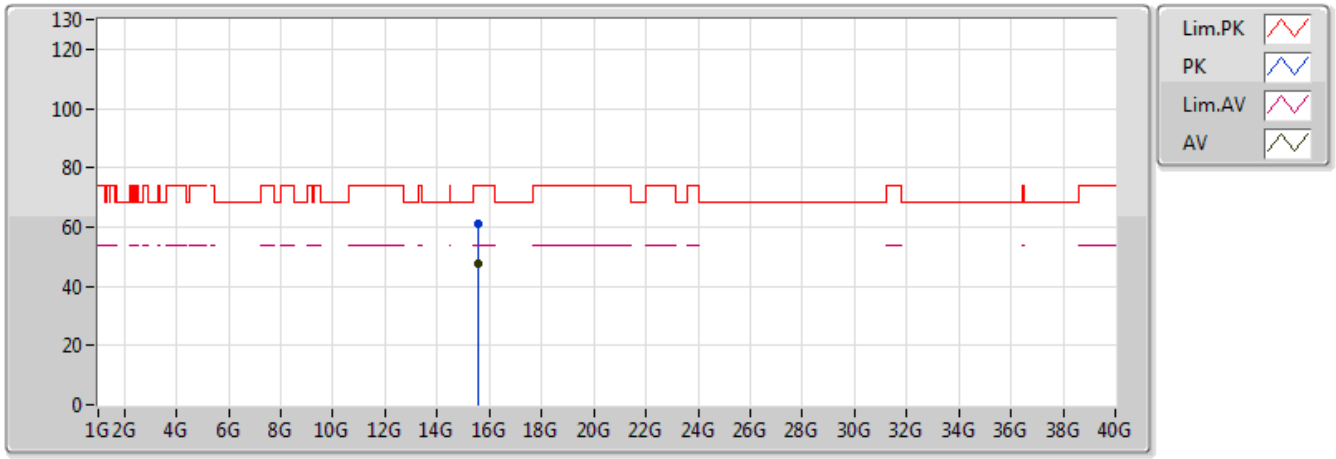


20171102
EUT Z_2TX
Setting 65
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.57956G	47.80	54.00	-6.20	15.81	3	Vertical	330	1.89
PK	15.57976G	61.24	74.00	-12.76	15.81	3	Vertical	330	1.89

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

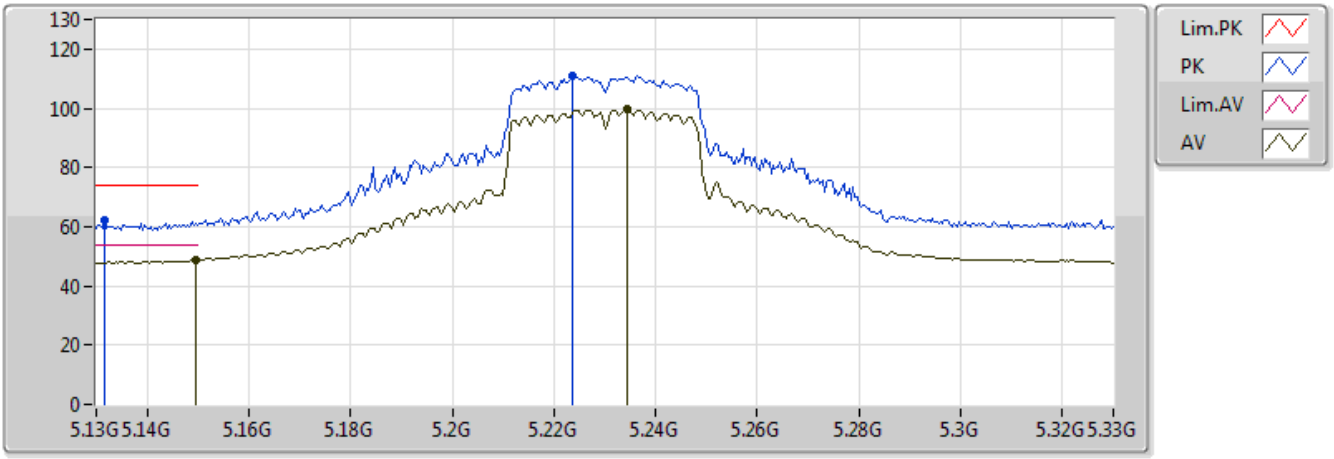


20171102
EUT Z_2TX
Setting 65
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.5782G	47.76	54.00	-6.24	15.81	3	Horizontal	9	1.97
PK	15.5676G	60.89	74.00	-13.11	15.82	3	Horizontal	9	1.97

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

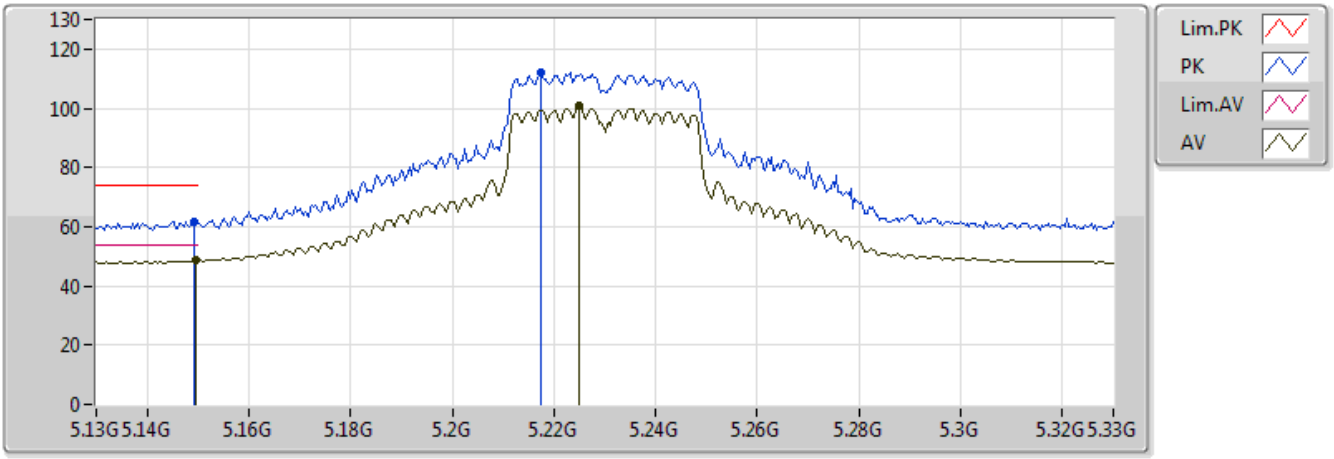


20171102
EUT Z_2TX
Setting 85
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1496G	48.80	54.00	-5.20	4.93	3	Vertical	254	1.09
AV	5.2344G	99.79	Inf	-Inf	5.14	3	Vertical	254	1.09
PK	5.1316G	61.99	74.00	-12.01	4.91	3	Vertical	254	1.09
PK	5.2236G	110.92	Inf	-Inf	5.09	3	Vertical	254	1.09

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

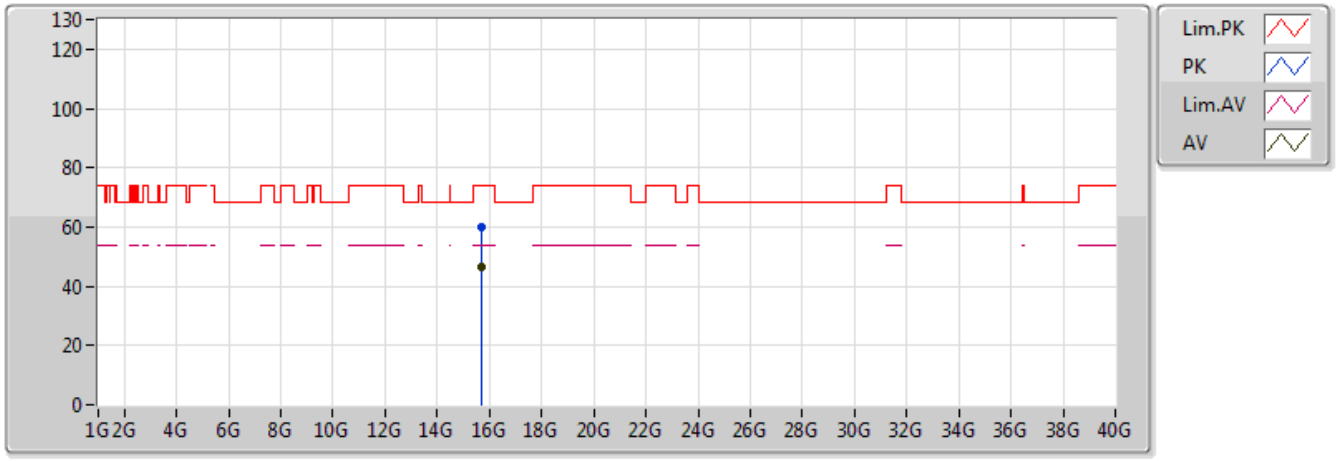


20171102
EUT Z_2TX
Setting 85
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1496G	48.59	54.00	-5.41	4.93	3	Horizontal	238	2.77
AV	5.2248G	100.68	Inf	-Inf	5.10	3	Horizontal	238	2.77
PK	5.1492G	61.80	74.00	-12.20	4.93	3	Horizontal	238	2.77
PK	5.2176G	112.23	Inf	-Inf	5.07	3	Horizontal	238	2.77

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

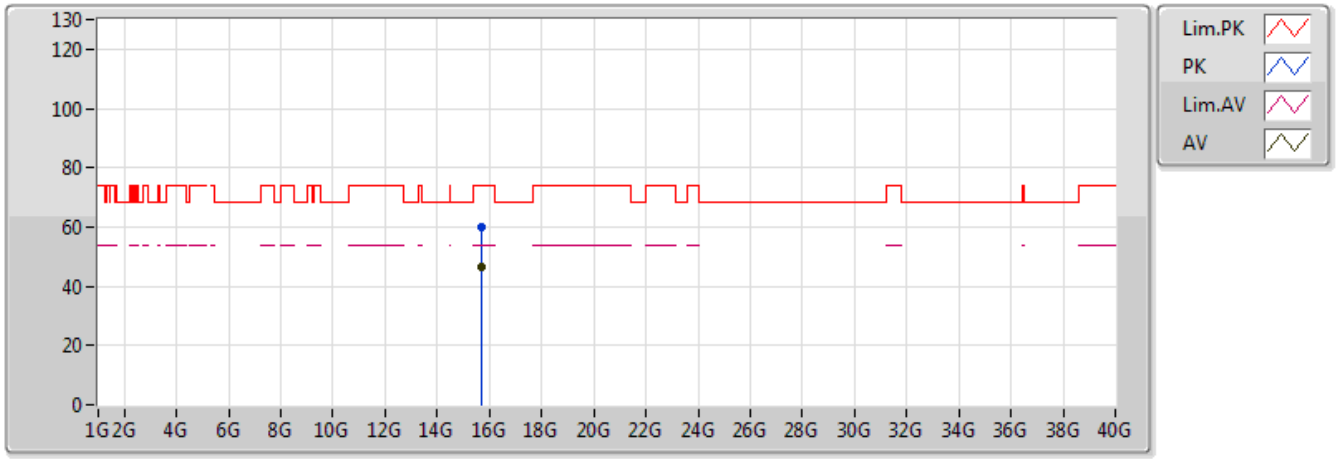


20171102
EUT Z_2TX
Setting 85
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.69952G	46.77	54.00	-7.23	15.63	3	Vertical	211	1.66
PK	15.68108G	59.82	74.00	-14.18	15.66	3	Vertical	211	1.66

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

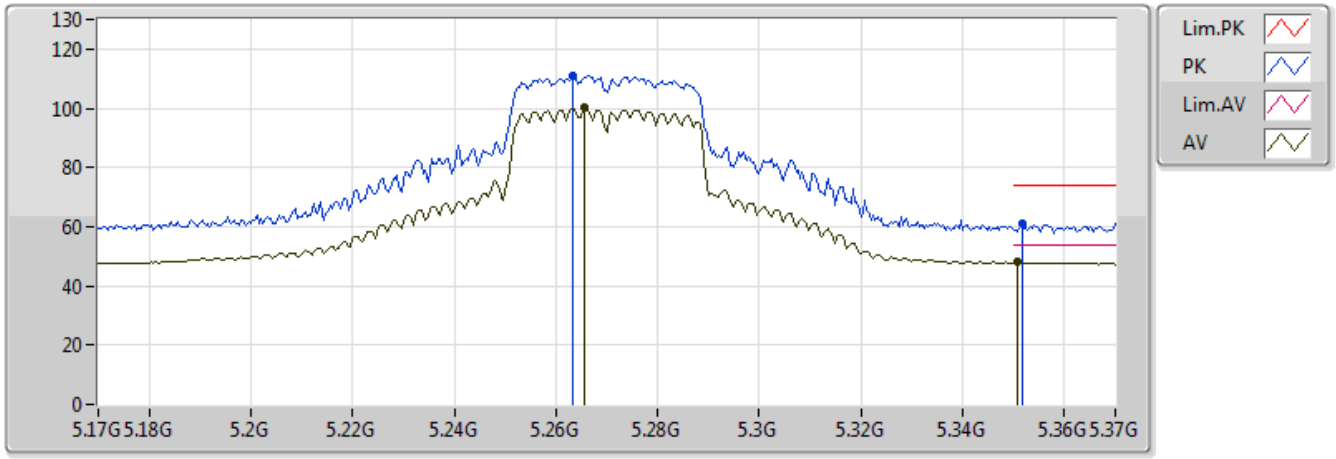


20171102
EUT Z_2TX
Setting 85
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.68804G	46.72	54.00	-7.28	15.65	3	Horizontal	94	1.87
PK	15.69836G	60.12	74.00	-13.88	15.63	3	Horizontal	94	1.87

802.11n HT40_Nss1,(MCS0)_2TX

5270MHz_TX

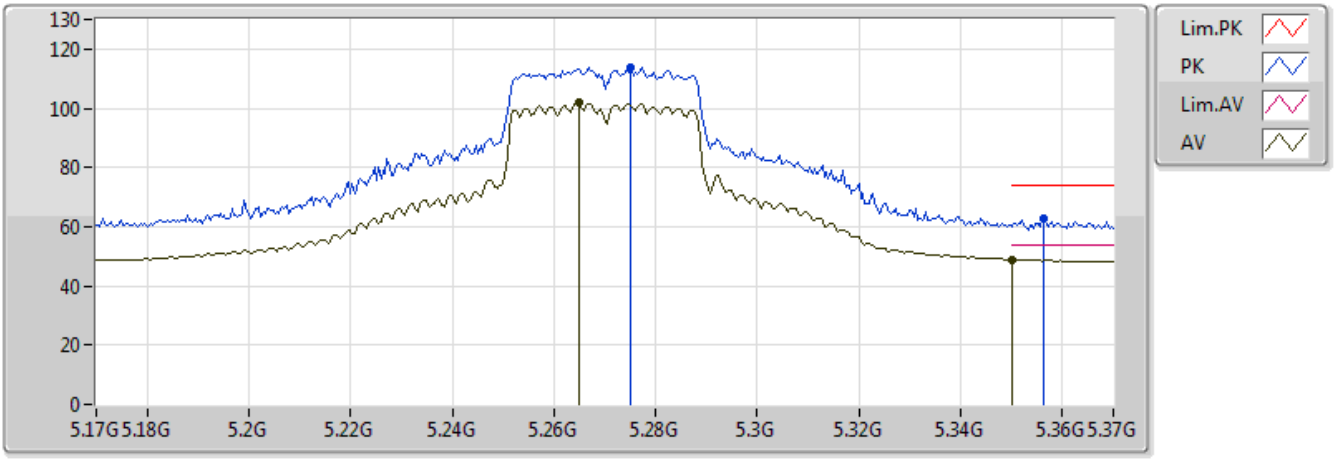


20171102
EUT Z_2TX
Setting 86
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.2656G	100.09	Inf	-Inf	5.28	3	Vertical	256	2.98
AV	5.3508G	47.94	54.00	-6.06	5.62	3	Vertical	256	2.98
PK	5.2632G	110.93	Inf	-Inf	5.27	3	Vertical	256	2.98
PK	5.3516G	60.90	74.00	-13.10	5.63	3	Vertical	256	2.98

802.11n HT40_Nss1,(MCS0)_2TX

5270MHz_TX

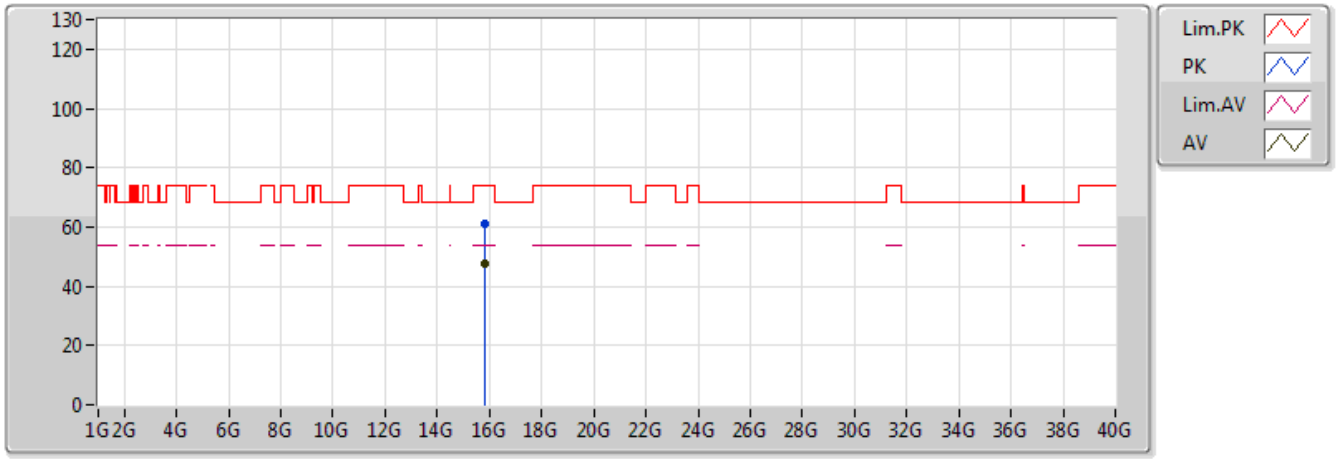


20171102
EUT Z_2TX
Setting 86
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.2648G	101.83	Inf	-Inf	5.28	3	Horizontal	91	1.15
AV	5.350005G	48.95	54.00	-5.05	5.62	3	Horizontal	91	1.15
PK	5.2752G	113.94	Inf	-Inf	5.32	3	Horizontal	91	1.15
PK	5.3564G	62.84	74.00	-11.16	5.64	3	Horizontal	91	1.15

802.11n HT40_Nss1,(MCS0)_2TX

5270MHz_TX

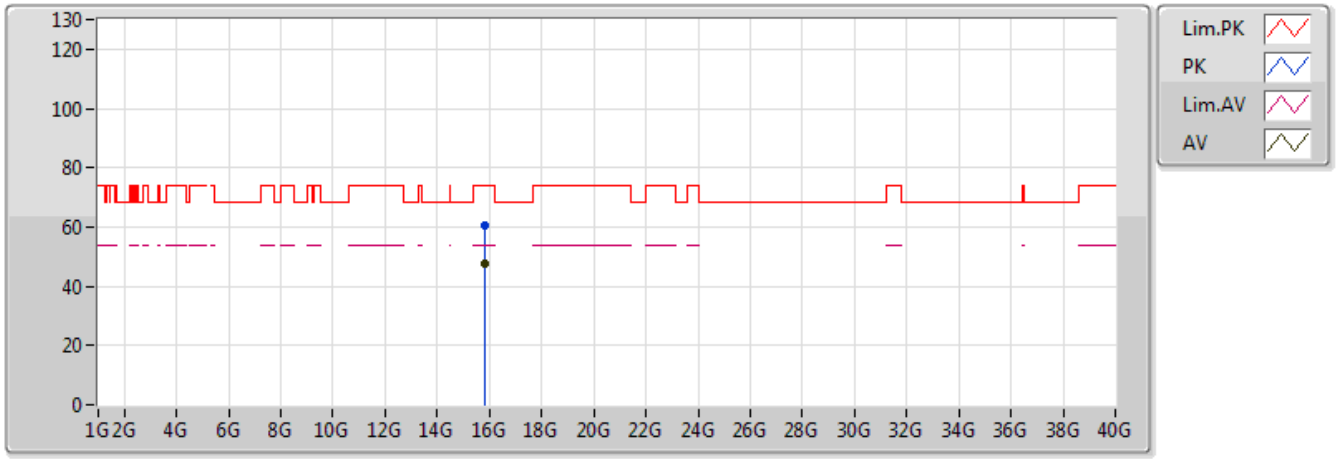


20171102
EUT Z_2TX
Setting 86
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.81768G	47.41	54.00	-6.59	15.46	3	Vertical	70	2.10
PK	15.81284G	61.34	74.00	-12.66	15.47	3	Vertical	70	2.10

802.11n HT40_Nss1,(MCS0)_2TX

5270MHz_TX

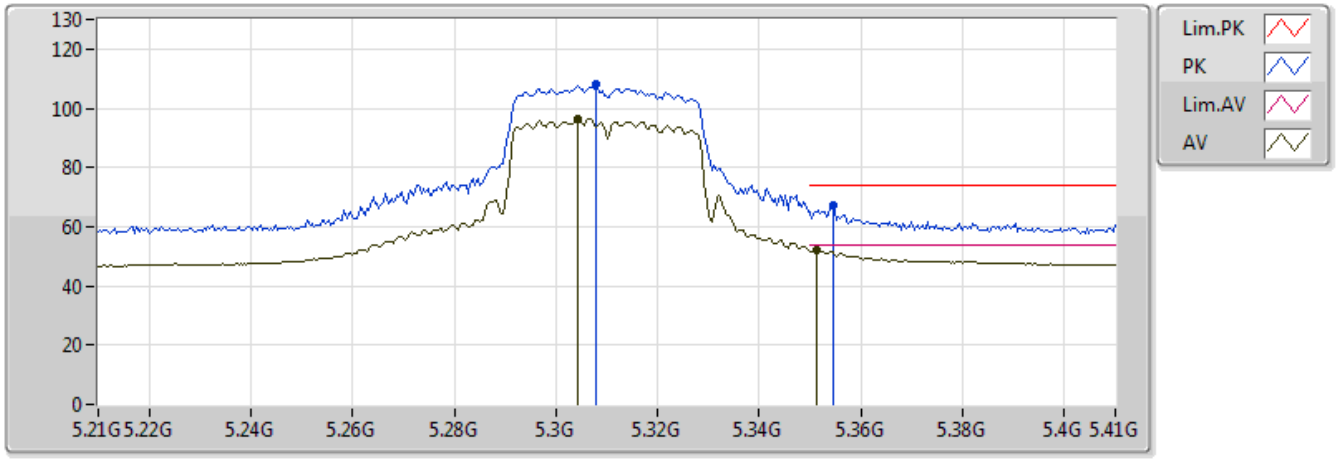


20171102
EUT Z_2TX
Setting 86
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.81964G	47.37	54.00	-6.63	15.46	3	Horizontal	25	1.08
PK	15.80956G	60.52	74.00	-13.48	15.47	3	Horizontal	25	1.08

802.11n HT40_Nss1,(MCS0)_2TX

5310MHz_TX

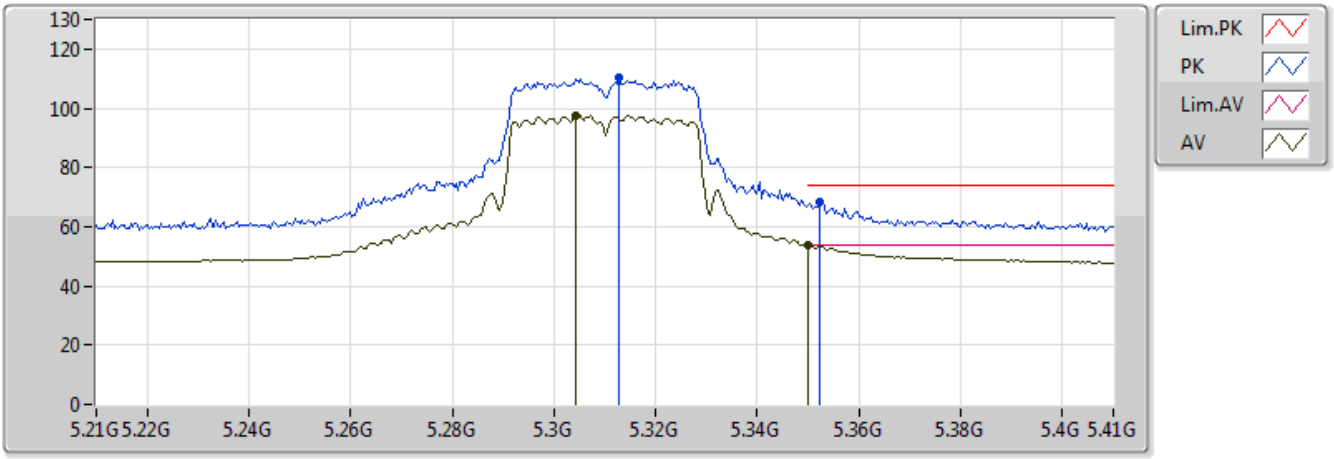


20171102
EUT Z_2TX
Setting 69
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.3044G	96.43	Inf	-Inf	5.45	3	Vertical	251	1.06
AV	5.3512G	51.91	54.00	-2.09	5.62	3	Vertical	251	1.06
PK	5.308G	107.92	Inf	-Inf	5.46	3	Vertical	251	1.06
PK	5.3544G	67.10	74.00	-6.90	5.64	3	Vertical	251	1.06

802.11n HT40_Nss1,(MCS0)_2TX

5310MHz_TX

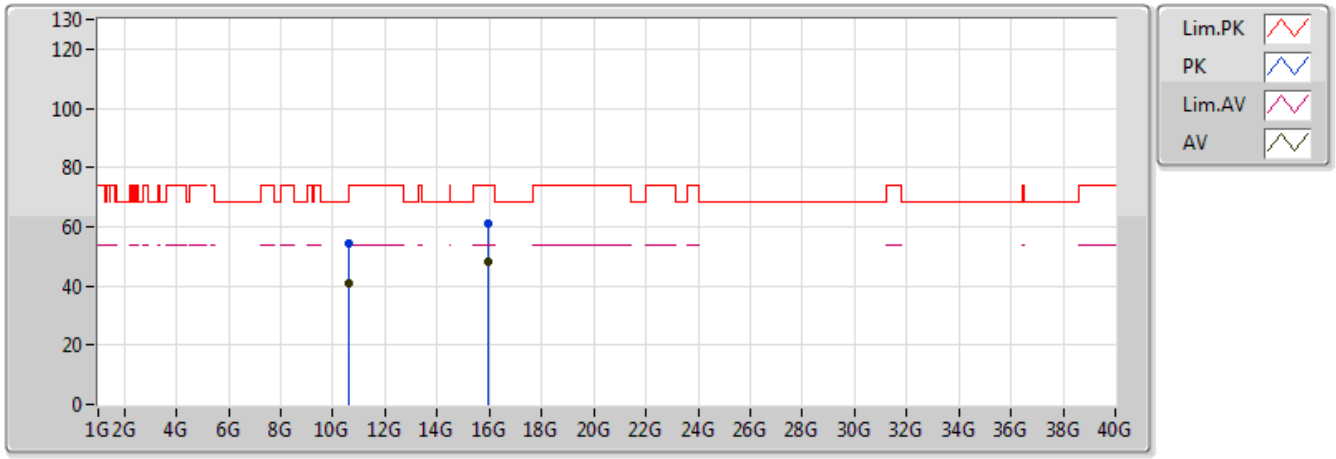


20171102
EUT Z_2TX
Setting 69
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.3044G	97.77	Inf	-Inf	5.45	3	Horizontal	337	2.37
AV	5.350005G	53.99	54.00	-0.01	5.62	3	Horizontal	337	2.37
PK	5.3128G	110.61	Inf	-Inf	5.48	3	Horizontal	337	2.37
PK	5.3524G	68.37	74.00	-5.63	5.63	3	Horizontal	337	2.37

802.11n HT40_Nss1,(MCS0)_2TX

5310MHz_TX

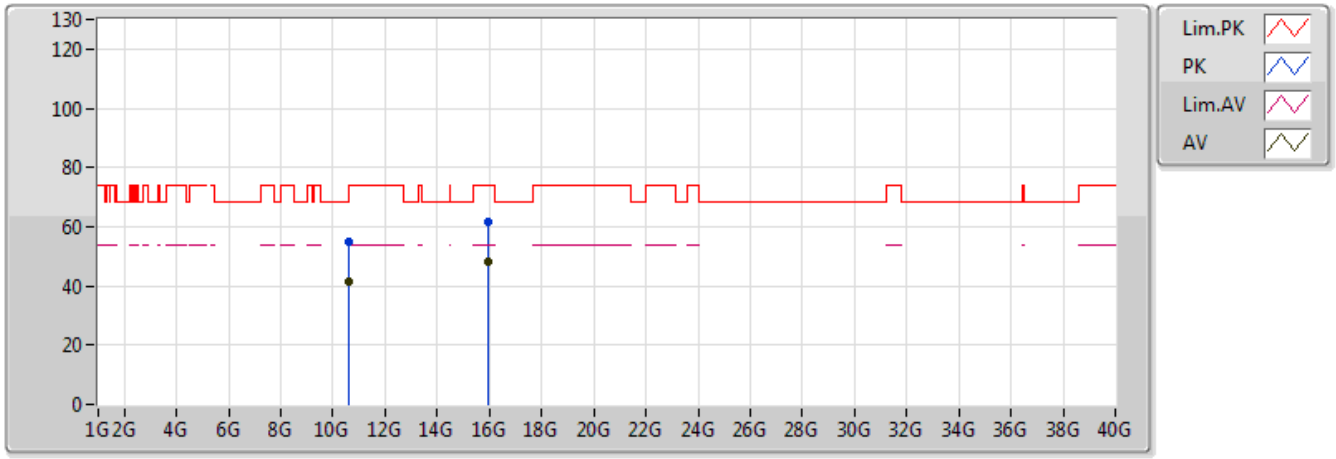


20171102
EUT Z_2TX
Setting 69
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.62336G	41.17	54.00	-12.83	12.84	3	Vertical	266	1.29
AV	15.92448G	48.03	54.00	-5.97	15.31	3	Vertical	309	2.14
PK	10.61232G	54.46	74.00	-19.54	12.83	3	Vertical	266	1.29
PK	15.92712G	61.04	74.00	-12.96	15.30	3	Vertical	309	2.14

802.11n HT40_Nss1,(MCS0)_2TX

5310MHz_TX

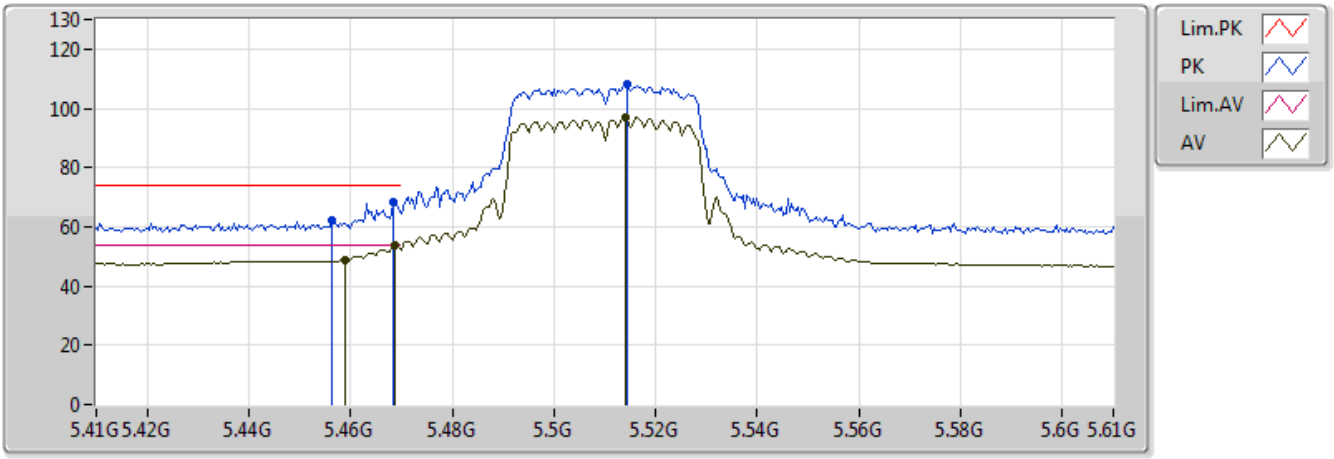


20171102
EUT Z_2TX
Setting 69
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.61132G	41.34	54.00	-12.66	12.83	3	Horizontal	199	1.84
AV	15.93616G	48.01	54.00	-5.99	15.29	3	Horizontal	87	1.69
PK	10.62976G	55.12	74.00	-18.88	12.84	3	Horizontal	199	1.84
PK	15.93568G	61.46	74.00	-12.54	15.29	3	Horizontal	87	1.69

802.11n HT40_Nss1,(MCS0)_2TX

5510MHz_TX

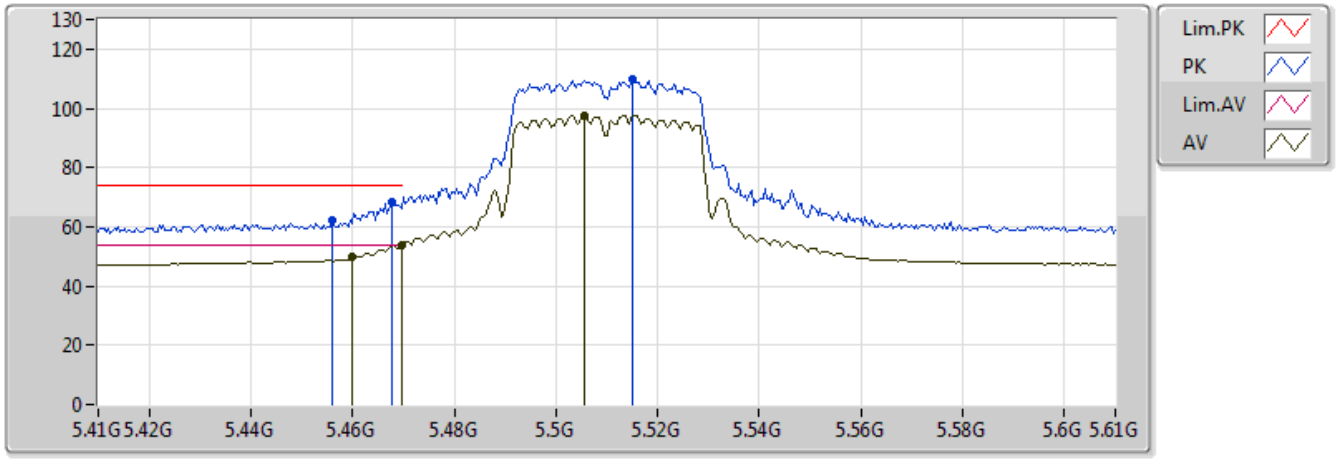


20171102
EUT Z_2TX
Setting 66
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.4588G	48.87	54.00	-5.13	5.93	3	Vertical	250	1.01
AV	5.4688G	53.71	54.00	-0.29	5.95	3	Vertical	250	1.01
AV	5.514G	97.04	Inf	-Inf	6.05	3	Vertical	250	1.01
PK	5.4564G	62.40	74.00	-11.60	5.92	3	Vertical	250	1.01
PK	5.4684G	68.14	74.00	-5.86	5.95	3	Vertical	250	1.01
PK	5.5144G	107.96	Inf	-Inf	6.05	3	Vertical	250	1.01

802.11n HT40_Nss1,(MCS0)_2TX

5510MHz_TX

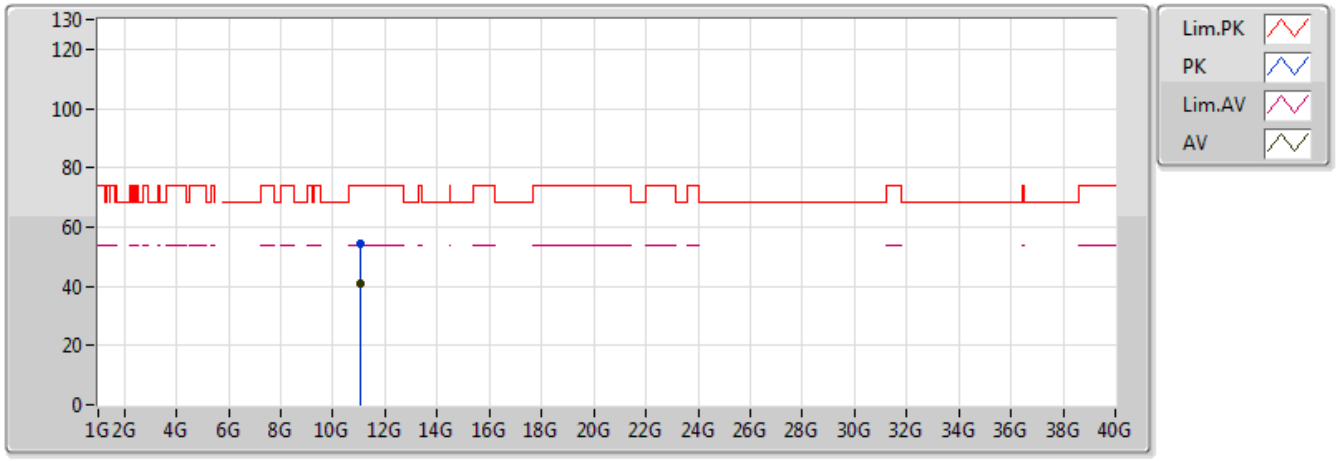


20171102
EUT Z_2TX
Setting 66
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.46G	49.64	54.00	-4.36	5.93	3	Horizontal	91	1.12
AV	5.4696G	53.71	54.00	-0.29	5.95	3	Horizontal	91	1.12
AV	5.5056G	97.67	Inf	-Inf	6.03	3	Horizontal	91	1.12
PK	5.456G	62.31	74.00	-11.69	5.92	3	Horizontal	91	1.12
PK	5.4676G	68.27	74.00	-5.73	5.95	3	Horizontal	91	1.12
PK	5.5152G	109.86	Inf	-Inf	6.05	3	Horizontal	91	1.12

802.11n HT40_Nss1,(MCS0)_2TX

5510MHz_TX

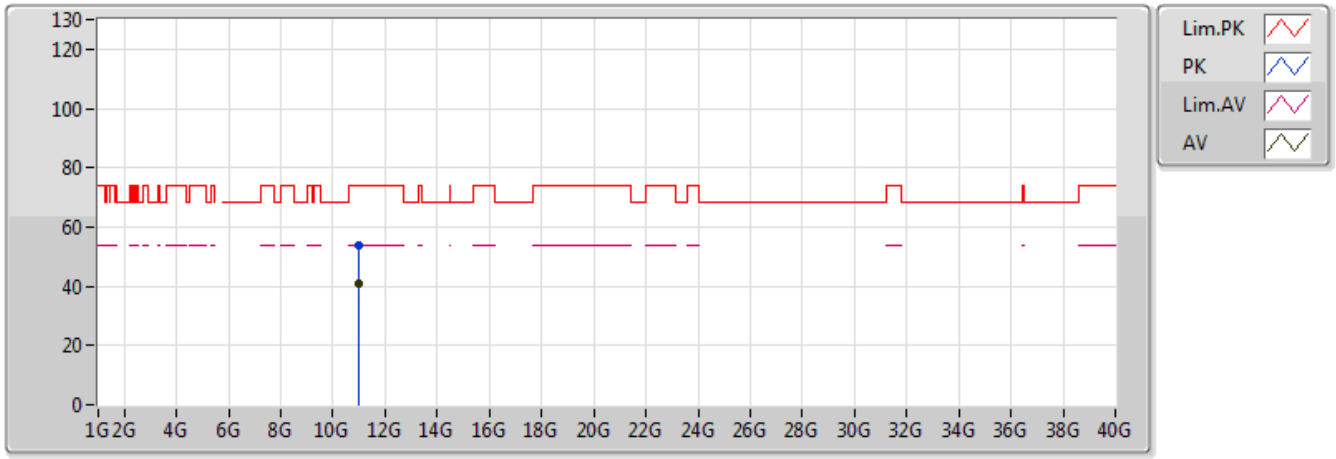


20171102
EUT Z_2TX
Setting 66
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.02876G	41.05	54.00	-12.95	13.17	3	Vertical	212	2.45
PK	11.02552G	54.39	74.00	-19.61	13.17	3	Vertical	212	2.45

802.11n HT40_Nss1,(MCS0)_2TX

5510MHz_TX

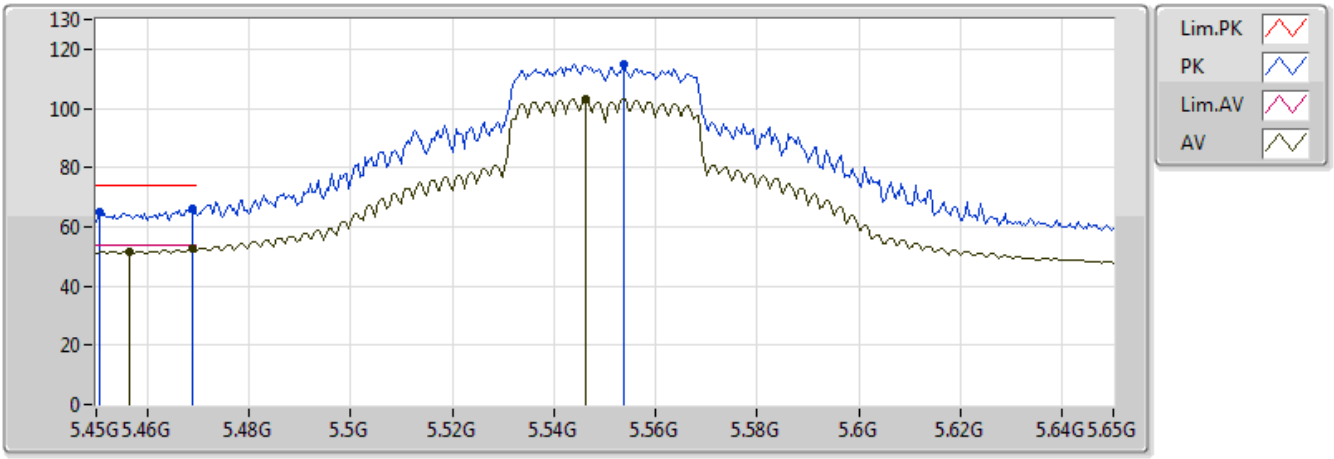


20171102
EUT Z_2TX
Setting 66
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.01348G	40.97	54.00	-13.03	13.16	3	Horizontal	339	1.96
PK	11.01636G	54.00	74.00	-20.00	13.16	3	Horizontal	339	1.96

802.11n HT40_Nss1,(MCS0)_2TX

5550MHz_TX

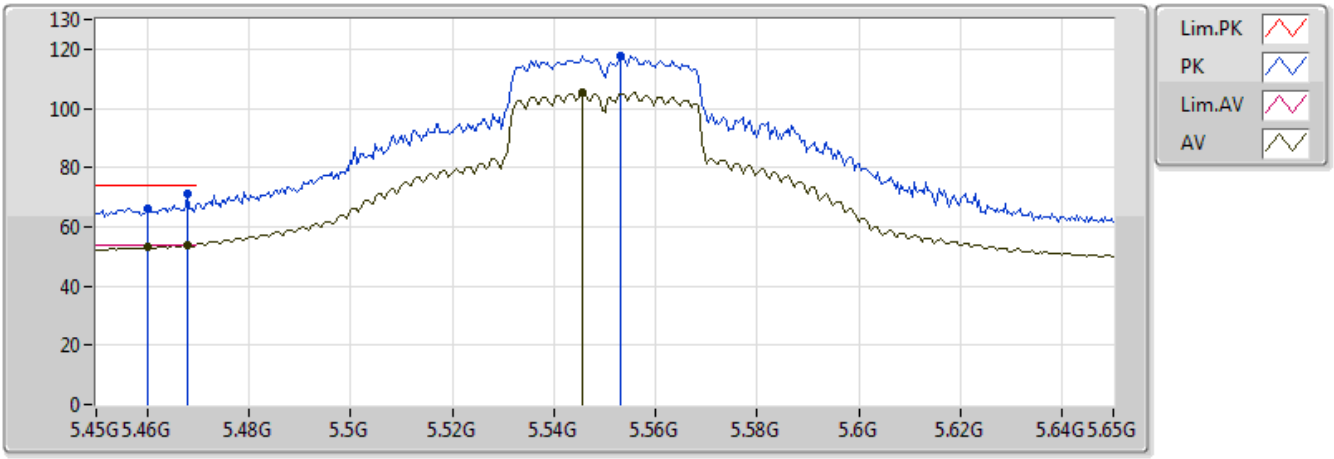


20171102
EUT Z_2TX
Setting 95
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.4564G	51.71	54.00	-2.29	5.92	3	Vertical	234	2.35
AV	5.4688G	52.52	54.00	-1.48	5.95	3	Vertical	234	2.35
AV	5.5464G	103.16	Inf	-Inf	6.14	3	Vertical	234	2.35
PK	5.4508G	64.72	74.00	-9.28	5.91	3	Vertical	234	2.35
PK	5.4688G	65.96	74.00	-8.04	5.95	3	Vertical	234	2.35
PK	5.5536G	114.85	Inf	-Inf	6.17	3	Vertical	234	2.35

802.11n HT40_Nss1,(MCS0)_2TX

5550MHz_TX

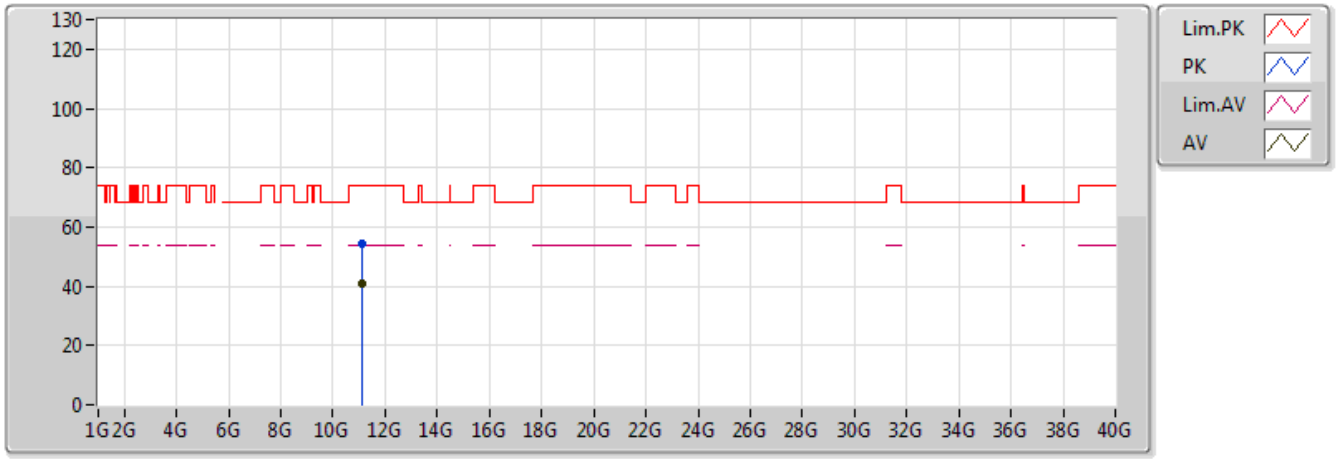


20171102
EUT Z_2TX
Setting 95
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.46G	53.12	54.00	-0.88	5.93	3	Horizontal	92	1.17
AV	5.468G	53.89	54.00	-0.11	5.95	3	Horizontal	92	1.17
AV	5.5456G	105.29	Inf	-Inf	6.14	3	Horizontal	92	1.17
PK	5.46G	66.30	74.00	-7.70	5.93	3	Horizontal	92	1.17
PK	5.468G	71.15	74.00	-2.85	5.95	3	Horizontal	92	1.17
PK	5.5532G	117.83	Inf	-Inf	6.16	3	Horizontal	92	1.17

802.11n HT40_Nss1,(MCS0)_2TX

5550MHz_TX

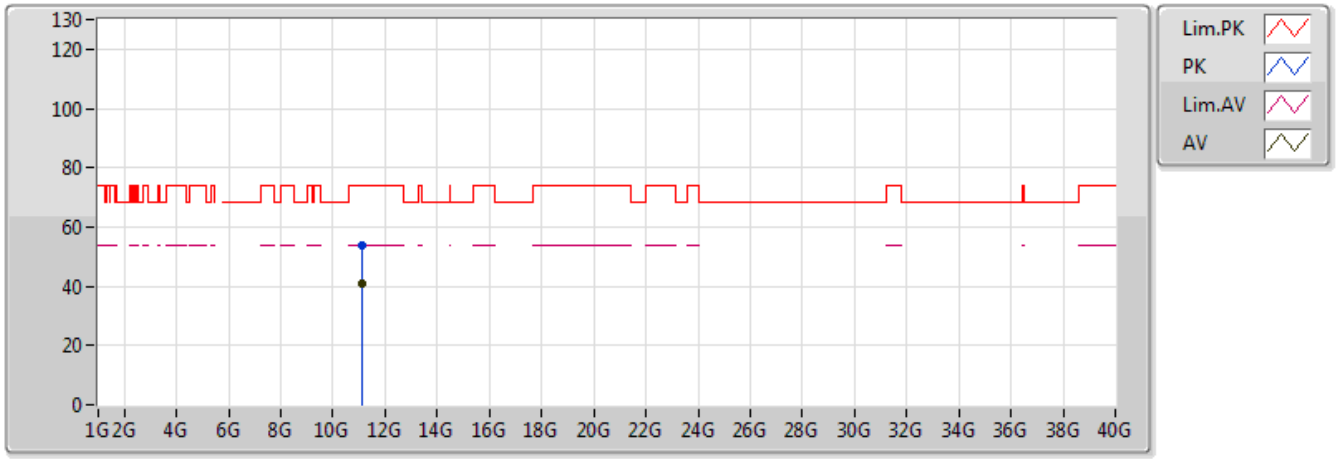


20171102
EUT Z_2TX
Setting 95
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.1058G	40.69	54.00	-13.31	13.19	3	Vertical	246	2.09
PK	11.09684G	54.36	74.00	-19.64	13.18	3	Vertical	246	2.09

802.11n HT40_Nss1,(MCS0)_2TX

5550MHz_TX

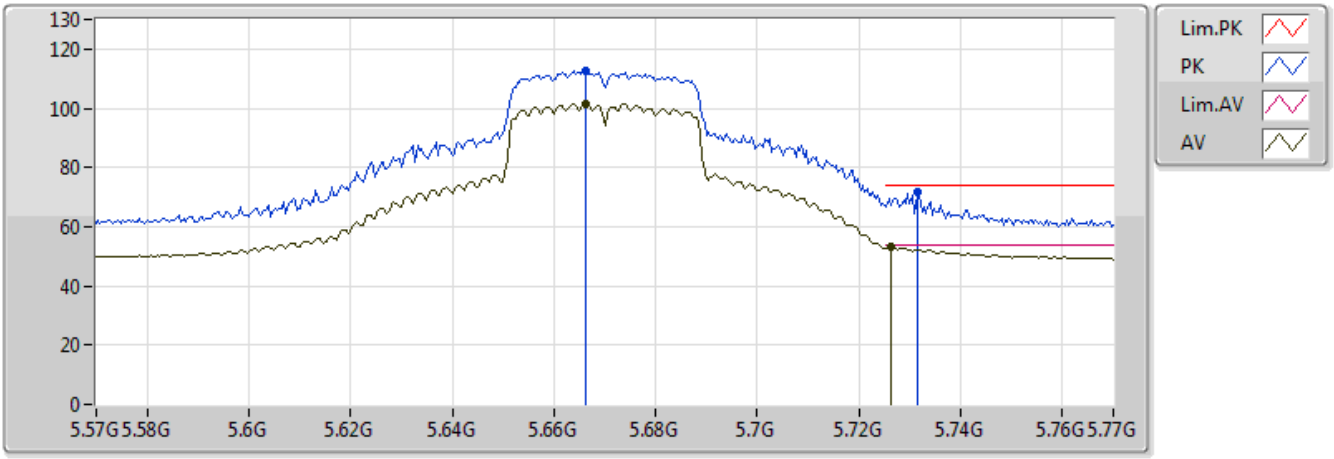


20171102
EUT Z_2TX
Setting 95
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.10072G	40.68	54.00	-13.32	13.18	3	Horizontal	149	1.49
PK	11.09628G	53.80	74.00	-20.20	13.18	3	Horizontal	149	1.49

802.11n HT40_Nss1,(MCS0)_2TX

5670MHz_TX

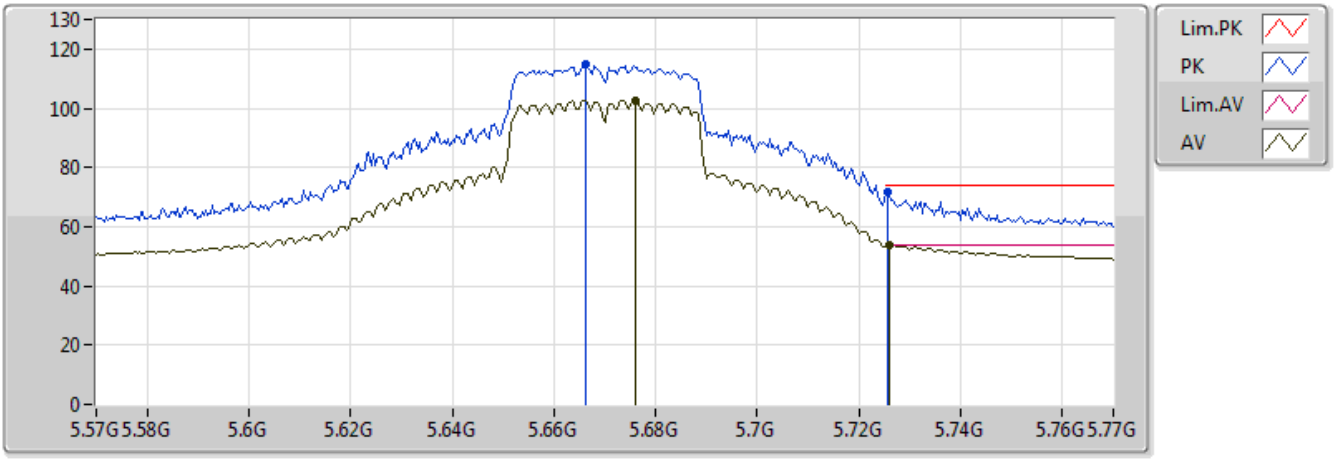


20171102
EUT Z_2TX
Setting 90
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.6664G	101.61	Inf	-Inf	6.59	3	Vertical	260	1.01
AV	5.7264G	53.04	54.00	-0.96	6.85	3	Vertical	260	1.01
PK	5.6664G	112.86	Inf	-Inf	6.59	3	Vertical	260	1.01
PK	5.7316G	71.93	74.00	-2.07	6.88	3	Vertical	260	1.01

802.11n HT40_Nss1,(MCS0)_2TX

5670MHz_TX

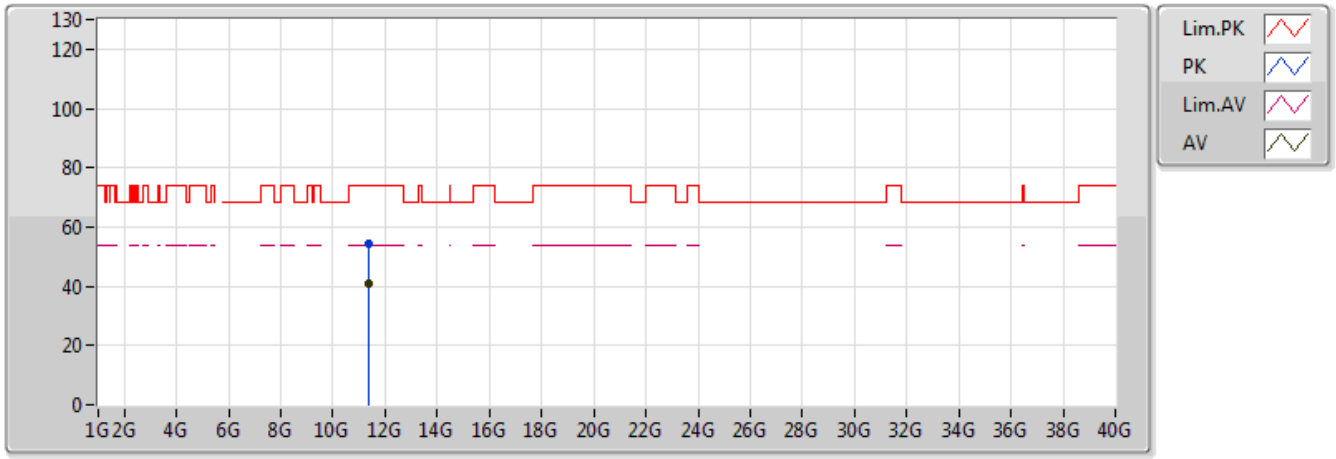


20171102
EUT Z_2TX
Setting 90
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.676G	102.66	Inf	-Inf	6.63	3	Horizontal	91	1.09
AV	5.726G	53.97	54.00	-0.03	6.85	3	Horizontal	91	1.09
PK	5.6664G	114.91	Inf	-Inf	6.59	3	Horizontal	91	1.09
PK	5.7256G	71.54	74.00	-2.46	6.85	3	Horizontal	91	1.09

802.11n HT40_Nss1,(MCS0)_2TX

5670MHz_TX

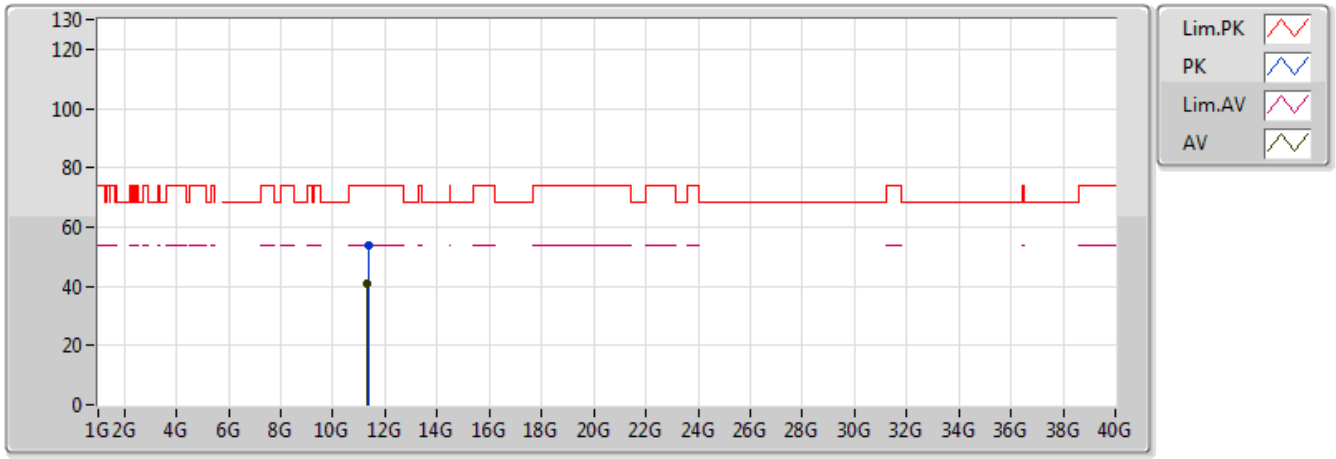


20171102
EUT Z_2TX
Setting 90
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.34016G	40.99	54.00	-13.01	13.24	3	Vertical	226	1.54
PK	11.34432G	54.27	74.00	-19.73	13.24	3	Vertical	226	1.54

802.11n HT40_Nss1,(MCS0)_2TX

5670MHz_TX

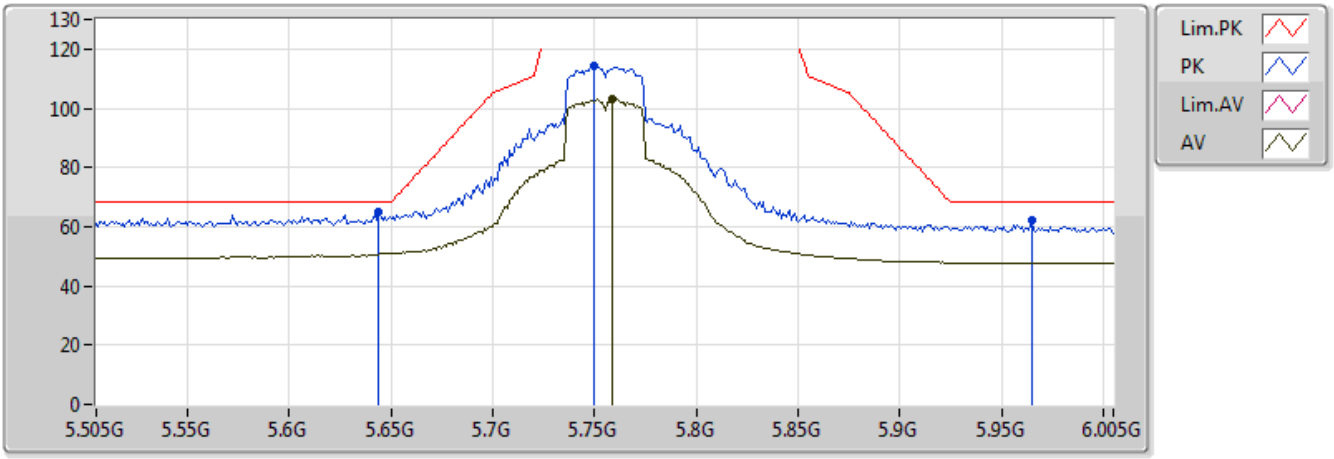


20171102
EUT Z_2TX
Setting 90
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.33372G	41.08	54.00	-12.92	13.24	3	Horizontal	170	1.27
PK	11.34924G	54.01	74.00	-19.99	13.24	3	Horizontal	170	1.27

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

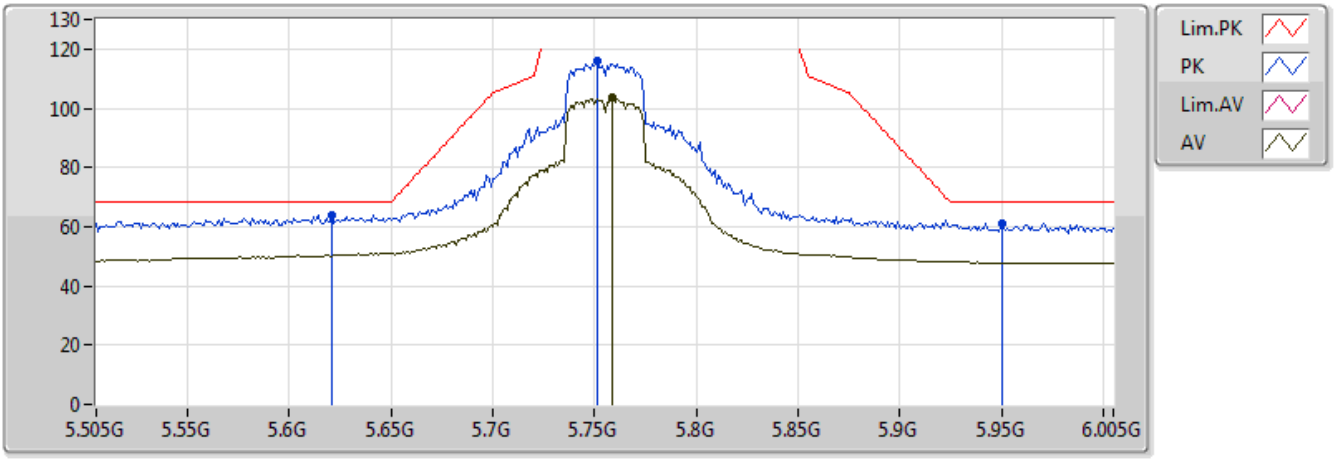


20171102
EUT Z_2TX
Setting 99
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.759G	103.06	Inf	-Inf	6.99	3	Vertical	261	1.06
PK	5.644G	65.14	68.20	-3.06	6.49	3	Vertical	261	1.06
PK	5.75G	114.06	Inf	-Inf	6.95	3	Vertical	261	1.06
PK	5.965G	62.00	68.20	-6.20	7.52	3	Vertical	261	1.06

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

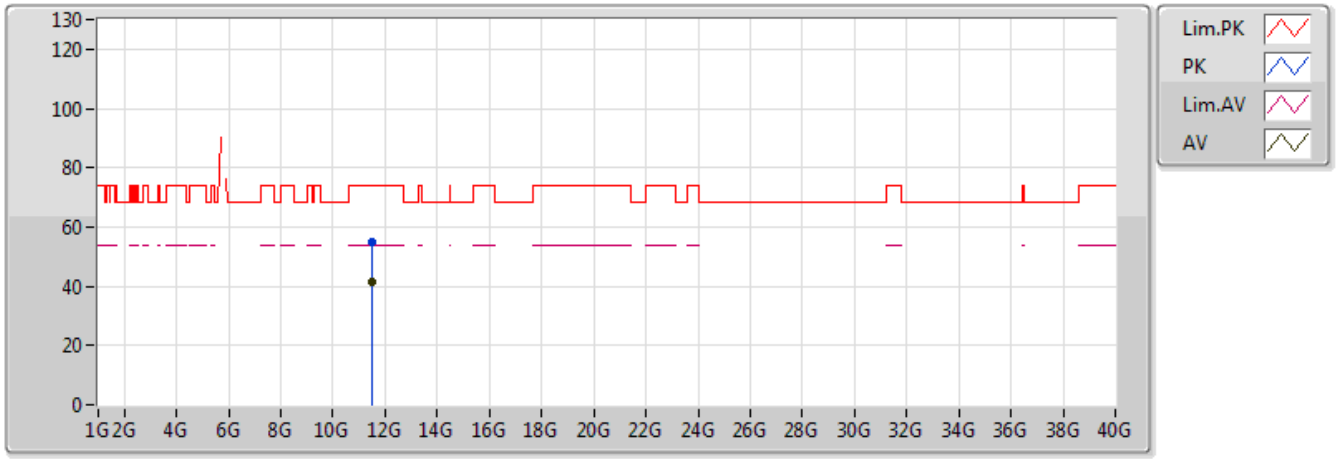


20171102
EUT Z_2TX
Setting 99
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.759G	103.39	Inf	-Inf	6.99	3	Horizontal	94	1.28
PK	5.621G	64.15	68.20	-4.05	6.39	3	Horizontal	94	1.28
PK	5.751G	115.80	Inf	-Inf	6.96	3	Horizontal	94	1.28
PK	5.95G	61.19	68.20	-7.01	7.49	3	Horizontal	94	1.28

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

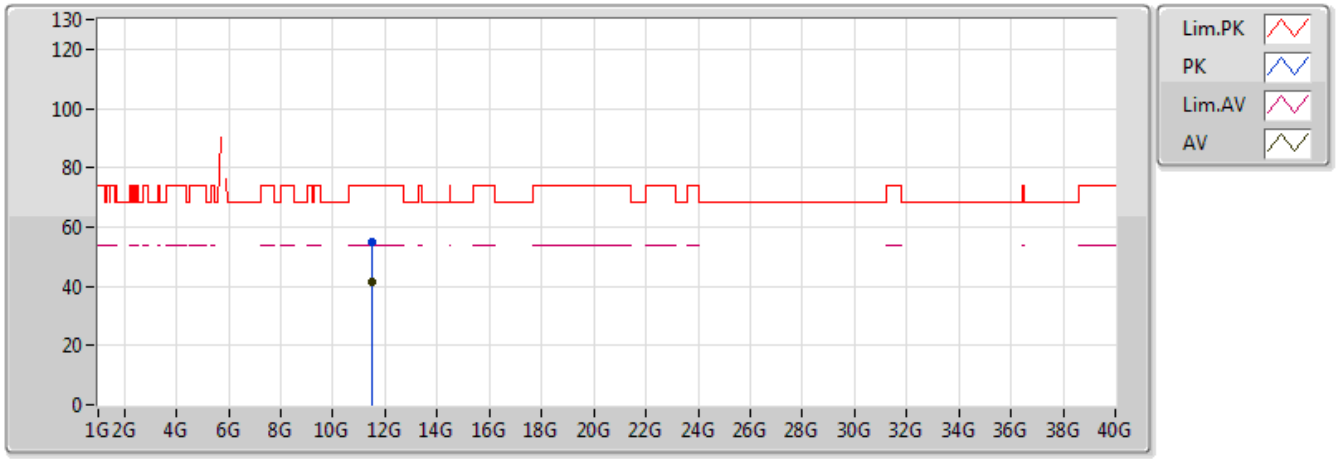


20171102
EUT Z_2TX
Setting 99
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.50248G	41.58	54.00	-12.42	13.28	3	Vertical	115	1.10
PK	11.50452G	54.84	74.00	-19.16	13.28	3	Vertical	115	1.10

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

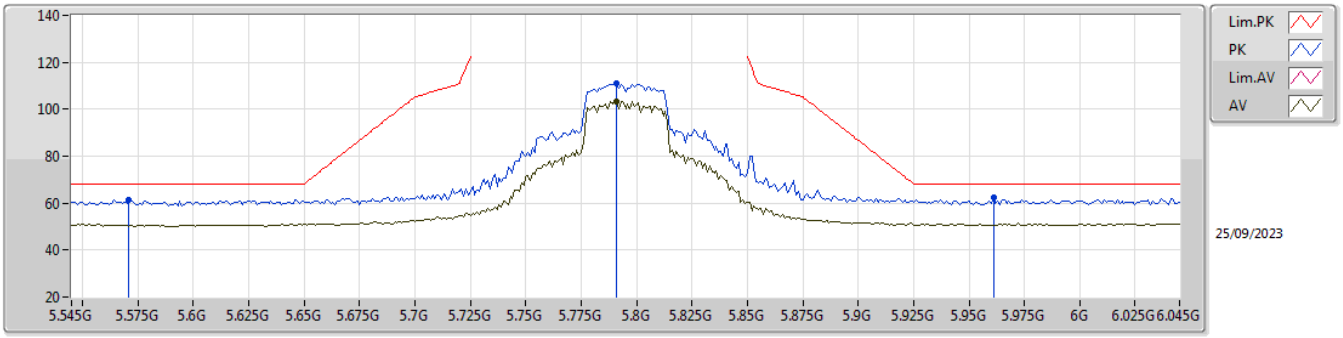


20171102
EUT Z_2TX
Setting 99
01-G-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.50268G	41.62	54.00	-12.38	13.28	3	Horizontal	259	1.84
PK	11.5088G	54.75	74.00	-19.25	13.28	3	Horizontal	259	1.84

5.725-5.85GHz_802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

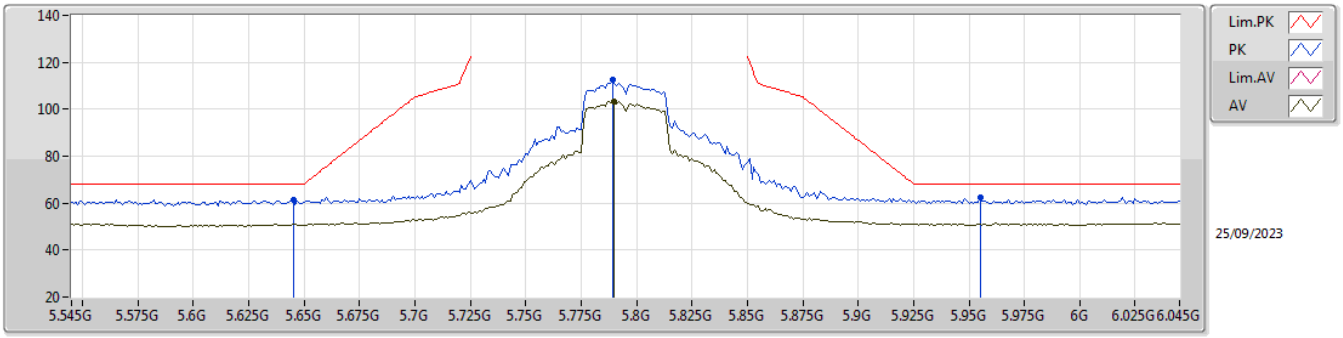


EUT Z_2TX
Setting 24.5
03-L-J-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.571G	61.58	68.20	-6.62	54.92	3	Vertical	242	2.35	-	34.52	7.07	34.93
PK	5.791G	111.01	Inf	-Inf	104.57	3	Vertical	242	2.35	-	34.28	7.20	35.04
AV	5.791G	103.53	Inf	-Inf	97.09	3	Vertical	242	2.35	-	34.28	7.20	35.04
PK	5.961G	62.58	68.20	-5.62	55.80	3	Vertical	242	2.35	-	34.62	7.28	35.12

5.725-5.85GHz_802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

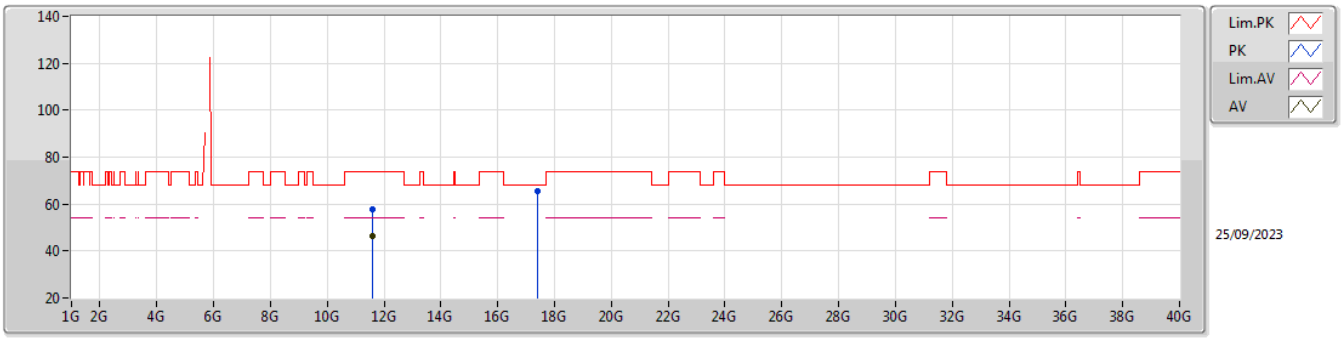


EUT Z_2TX
Setting 24.5
03-L-J-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.645G	61.20	68.20	-7.00	54.65	3	Horizontal	354	2.59	-	34.40	7.12	34.97
PK	5.789G	112.72	Inf	-Inf	106.29	3	Horizontal	354	2.59	-	34.28	7.19	35.04
AV	5.79G	103.34	Inf	-Inf	96.90	3	Horizontal	354	2.59	-	34.28	7.20	35.04
PK	5.955G	62.53	68.20	-5.67	55.76	3	Horizontal	354	2.59	-	34.61	7.28	35.12

5.725-5.85GHz_802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

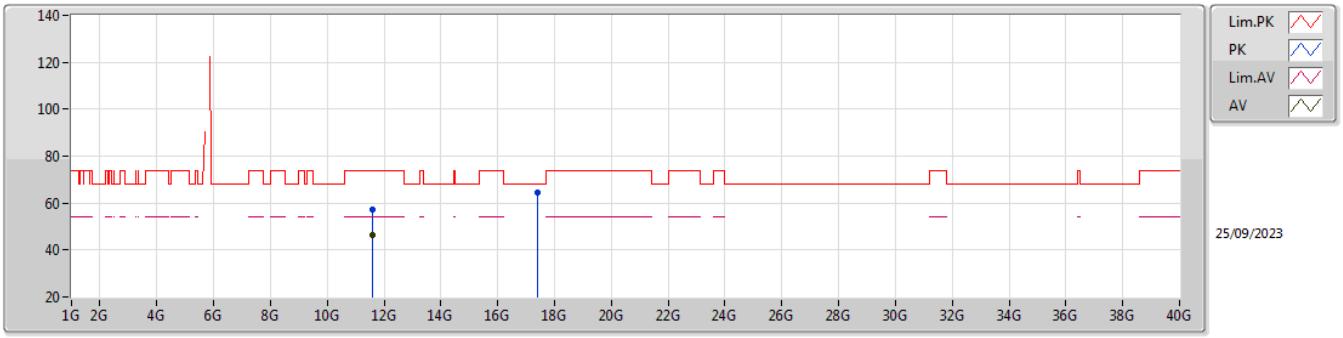


EUT Z_2TX
Setting 24.5
03-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.59G	57.95	74.00	-16.05	70.81	3	Vertical	294	1.80	-	39.27	12.87	65.00
AV	11.57932G	46.46	54.00	-7.54	59.35	3	Vertical	294	1.80	-	39.24	12.87	65.00
PK	17.38872G	65.75	68.20	-2.45	68.98	3	Vertical	204	1.78	-	41.62	17.53	62.38

5.725-5.85GHz_802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX



EUT Z_2TX
Setting 24.5
03-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.59984G	57.42	74.00	-16.58	70.25	3	Horizontal	342	1.15	-	39.30	12.88	65.01
AV	11.58148G	46.48	54.00	-7.52	59.37	3	Horizontal	342	1.15	-	39.24	12.87	65.00
PK	17.39322G	64.56	68.20	-3.64	67.76	3	Horizontal	176	1.60	-	41.65	17.54	62.39